Transient Deformation Properties of Zircaloy for LOCA Simulation

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Mechanical Analysis

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May 1980

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Prepared by
Battelle, Pacific Northwest Laboratories
Richland, Washington

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Transient Deformation Properties of Zircaloy for LOCA Simulation

NP-526
Research Project 251-1

Final Report, Volume 4, Part 2, May 1980

Prepared by

BATTELLE
✓ Pacific Northwest Laboratories
Richland, Washington 99352

Principal Investigators

C. R. Hann
C. L. Mohr
K. M. Busness
N. J. Olson
F. R. Reich
K. B. Stewart

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Prepared for

Electric Power Research Institute
3412 Hillview Avenue
Palo Alto, California 94304

EPRI Project Manager
J. T. A. Roberts

Fuels, Waste and Environment Program
Nuclear Power Division

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Prepared by
Battelle, Pacific Northwest Laboratories
Richland, Washington

FOREWORD

The Zircaloy-LOCA Program jointly sponsored by EPRI and the Metal Properties Council (MPC) seeks, through a systematic investigation of the oxidation and deformation rate behavior of Zircaloy cladding under simulated LOCA conditions, to obtain quantitative data for use in LOCA evaluation codes. Such data can help reduce the uncertainties in these calculations and minimize the potential for derating of units, which has occurred in the past. The research program was conducted for EPRI and MPC by Battelle, Pacific Northwest Laboratories. Five nuclear fuel suppliers (Babcock and Wilcox, Company; Combustion Engineering, Inc.; Exxon Nuclear Company, Inc.; General Electric Company; and Westinghouse Electric Corporation) provided additional funding to the MPC.

The initial program consisted of four major tasks that addressed the criteria outlined in Part 10, Section 50.46 of the Code of Federal Regulations (CFR), "Acceptance Criteria for Emergency Core Cooling Systems for Light Water Nuclear Power Reactors," and Part 10, Section 50, Appendix K, "ECCS Evaluation Models." The four tasks were aimed at evaluating the material properties of Zircaloy as a function of oxygen content, evaluating the relative ID/OD oxidation of cladding material, determining the transient deformation and rupture characteristics, and analyzing mechanical deformation. The results of these experiments are available from EPRI.

The report describing the initial phase of this program was issued in three volumes. The first contains an overview of the program and the major conclusions. The second contains details of the analytic procedures and the numerical constitutive relationships developed from a data base that covers the temperature range 800-2000⁰F (780-1366 K), test atmospheres of either very low pressure air or Ar-O₂, and stress levels of 60-95% UTS. The third volume contains details of the test procedures, the test equipment, and the post-test results, including summaries of the test conditions and comparisons with other experimental results.

Volume 5 contains the results of the final phase of the work, which includes the additional test data along with comparisons of computed and experimental values

for transient deformation under the new ramp loading and temperature conditions. Updated numerical constitutive relationships and a detailed summary of all the tests performed to date are also included.

This volume, which is the fourth volume of the series, contains listing of strain versus stress, time, and temperature evaluated from the numerical constitutive relationships and the original data used to develop them. Volume 4 also contains listings of the ramp load, pressure, and temperature test data from both current and previous phases of the program, as well as appropriate descriptive material showing how these can be used. Because of the interest in comparing the effects of temperature variations on rupture strain, a listing of measured temperature distributions at rupture is also included.

J. T. A. Roberts, Program Manager
Nuclear Systems and Materials

ABSTRACT

This experimental data report is Volume 4 of a series of 5 volumes describing the oxidation and deformation rate behavior of Zircaloy cladding under simulated LOCA conditions. It contains listings of strain versus stress, time, and temperature evaluated from the numerical constitutive relationships and the original data used to develop them. This volume also contains listings of the ramp load, pressure, and temperature test data from both current and previous phases of the series, as well as material describing applications of the data.

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(In 20% O₂ - 80% Ar 1 atm)

C.1 : 1500°F Biaxial Constant Pressure Strain Data
(In 20% O₂ - 80% Ar 1 atm)

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ACCOUNT.PBP652.3ATNW.
ATTACH(OLDLGO,SPLINELGO,10=X899NW)
OLDLGO.

.01	20.	1500 F	OXY	BIAXIAL	ENGR	1978	
-4.60500E+00	4.78800E+00	0.	0.	0.	0.	0.	3
0.	5.56200E+03	0.	0.	0.	0.	0.	4
0.00	0.00	0.000000	.50	1703.39	.000134		5
1.00	1738.05	.000005	1.50	1738.05	.000028		
2.00	1738.05	.000017	2.50	1738.05	.000137		
3.00	1738.05	.000077	3.50	1738.05	.000066		
4.00	1738.05	.000077	4.50	1738.05	.000028		
5.00	1738.05	.000126	5.50	1738.05	.000164		
6.00	1738.05	.000131	6.50	1738.05	.000061		
7.00	1738.05	.000202	7.50	1738.05	.000126		
8.00	1738.05	.000217	8.50	1738.05	.000255		
9.00	1738.05	.000283	9.50	1738.05	.000326		
10.00	1738.05	.000212	20.00	1738.05	.000402		
30.00	1738.05	.000674	40.00	1738.05	.000810		
50.00	1738.05	.000973	60.00	1738.05	.001060		
70.00	1738.05	.001288	80.00	1738.05	.001555		
90.00	1738.05	.001658	100.00	1738.05	.001849		
110.00	1738.05	.001832	120.00	1738.05	.001733		
1.00	3998.17	.000078	1.50	3998.17	.000101		
2.00	3998.17	.000123	2.50	3998.17	.000145		
3.00	3998.17	.000167	3.50	3998.17	.000190		
4.00	3998.17	.000203	4.50	3998.17	.000233		
5.00	3998.17	.000268	5.50	3998.17	.000313		
6.00	3998.17	.000353	6.50	3998.17	.000381		
7.00	3998.17	.000420	7.50	3998.17	.000460		
8.00	3998.17	.000509	8.50	3998.17	.000543		
9.00	3998.17	.000573	9.50	3998.17	.000608		
10.00	3998.17	.000639	20.00	3998.17	.001408		
30.00	3998.17	.002352	40.00	3998.17	.003512		
50.00	3998.17	.004965	60.00	3998.17	.006604		
70.00	3998.17	.009049	80.00	3998.17	.012787		
90.00	3998.17	.017123	100.00	3998.17	.023182		
110.00	3998.17	.032000	120.00	3998.17	.045000		
.40	4497.77	.000206	1.00	4497.77	.000340		
1.50	4497.77	.000484	2.00	4497.77	.000673		
2.50	4497.77	.000815	3.00	4497.77	.001003		
3.50	4497.77	.001217	4.00	4497.77	.001401		
4.50	4497.77	.001690	5.00	4497.77	.001920		
5.50	4497.77	.002199	6.00	4497.77	.002376		
6.50	4497.77	.002636	7.00	4497.77	.002879		
7.50	4497.77	.003131	8.00	4497.77	.003416		
8.50	4497.77	.003685	9.00	4497.77	.003942		
9.50	4497.77	.004252	10.00	4497.77	.004570		
20.00	4497.77	.007990	30.00	4497.77	.012800		
40.00	4497.77	.020856	50.00	4497.77	.030000		
60.00	4497.77	.046000	70.00	4497.77	.070000		
80.00	4497.77	.110000	90.00	4497.77	.170000		
100.00	4497.77	.260000	110.00	4497.77	.410000		
120.00	4497.77	.640000	0.00	0.00	.000000		
0.00	0.00	.000000	.50	4230.51	.000064		
1.00	4725.28	.000208	1.50	4725.28	.000357		

2.00	4725.28	.000457	2.50	4725.28	.000501
3.00	4725.28	.000771	3.50	4725.28	.000892
4.00	4725.28	.001136	4.50	4725.28	.001279
5.00	4725.28	.001428	5.50	4725.28	.001665
6.00	4725.28	.001892	6.50	4725.28	.002035
7.00	4725.28	.002245	7.50	4725.28	.002465
8.00	4725.28	.002670	8.50	4725.28	.002830
9.00	4725.28	.003089	9.50	4725.28	.003447
10.00	4725.28	.003740	0.00	0.00	0.000000
.50	5561.07	.000399	1.00	5561.07	.000965
1.50	5561.07	.001662	2.00	5561.07	.002389
2.50	5561.07	.003193	3.00	5561.07	.004041
3.50	5561.07	.004785	4.00	5561.07	.005180
4.50	5561.07	.005479	5.00	5561.07	.005785
5.50	5561.07	.006103	6.00	5561.07	.006474
6.50	5561.07	.006879	7.00	5561.07	.007294
7.50	5561.07	.007751	8.00	5561.07	.008367
8.50	5561.07	.008946	9.00	5561.07	.009739
9.50	5561.07	.010736	10.00	5561.07	.012186
20.00	5561.07	.020000	30.00	5561.07	.035000
40.00	5561.07	.062000	50.00	5561.07	.110000
60.00	5561.07	.200000	70.00	5561.07	.350000
80.00	5561.07	.640000	90.00	5561.07	1.150000
100.00	5561.07	2.000000	110.00	5561.07	3.600000
120.00	5561.07	6.500000	0.00	0.00	0.000000

SPLINE,P2,T100.
 ACCOUNT,PBP652,BATNW.
 ATTACH(OLDLGO,SPLINELGO,ID=KBSBNW)
 OLDLGO.

*
 .0001 20.
 DIAMETER 1500 F OXY BIAXIAL ENGR 1978

⁵
 -4.60500E+00 1.39000E+00 2.08000E+00 3.92000E+00 4.80000E+00 0.

³
 0. 3.99820E+03 5.80010E+03 0.

1.0	100.	.000001546	40.0	100.	.00000023
50.0	100.	.00000025	60.0	100.	.00000027
70.0	100.	.00000029	80.0	100.	.00000031
100.0	100.	.00000035	120.0	100.	.00000040
100.0	100.	.00000035	120.0	100.	.00000040
100.0	100.	.00000035	120.0	100.	.00000040
100.0	100.	.00000035	120.0	100.	.00000040
100.0	100.	.00000035	120.0	100.	.00000040
0.0	0.0	0.0	.5	1738.05	.0000067
1.0	1738.05	.000210	1.5	1738.05	.000350
0.0	0.0	0.0	2.00	1738.05	.000493
2.5	1738.05	.000580	3.0	1738.05	.000700
3.5	1738.05	.000820	4.0	1738.05	.000900
0.0	0.0	0.0	5.00	1738.05	.001058
4.5	1738.05	.001000	6.0	1738.05	.001300
5.50	1738.05	.001133	0.0	0.0	0.0
6.50	1738.05	.001371	7.00	1738.05	.001536
7.50	1738.05	.001595	8.00	1738.05	.001804
8.50	1738.05	.001864	9.00	1738.05	.002027
9.50	1738.05	.002087	10.00	1738.05	.002147
20.00	1738.05	.003729	30.00	1738.05	.005737
40.00	1738.05	.007425	50.00	1738.05	.009214
60.00	1738.05	.010963	70.00	1738.05	.012562
80.00	1738.05	.014181	90.00	1738.05	.015780
100.00	1738.05	.017039	110.00	1738.05	.018468
120.00	1738.05	.020327	0.00	0.00	0.000000
1.00	3998.17	.000675	1.50	3998.17	.001000
2.00	3998.17	.001326	2.50	3998.17	.001705
3.00	3998.17	.001968	3.50	3998.17	.002230
4.00	3998.17	.002659	4.50	3998.17	.003015
5.00	3998.17	.003293	5.50	3998.17	.003597
6.00	3998.17	.003886	6.50	3998.17	.004177
7.00	3998.17	.004595	7.50	3998.17	.004918
8.00	3998.17	.005274	8.50	3998.17	.005617
9.00	3998.17	.005808	9.50	3998.17	.006164
10.00	3998.17	.006542	20.00	3998.17	.013411
30.00	3998.17	.020671	40.00	3998.17	.028821
50.00	3998.17	.039118	60.00	3998.17	.048585
70.00	3998.17	.060731	80.00	3998.17	.074573
90.00	3998.17	.090883	100.00	3998.17	.092348
110.00	3998.17	.131000	120.00	3998.17	.160000
1.00	4497.00	.001200	0.0	0.0	0.0
1.50	4497.00	.002500	2.00	4497.00	.003300
2.50	4497.00	.004200	3.00	4497.00	.005000
3.50	4497.00	.006200	4.00	4497.00	.007100
4.50	4497.00	.008200	5.00	4497.00	.009200
5.50	4497.00	.010578	6.00	4497.00	.011636
6.50	4497.00	.012796	7.00	4497.00	.014004
7.50	4497.00	.015133	8.00	4497.00	.016332

2
3
4
5

8.50	4497.00	.016831	9.00	4497.00	.018600
9.50	4497.00	.019799	10.00	4497.00	.021037
20.00	4497.00	.048656	30.00	4497.00	.083694
40.00	4497.00	.098573	0.00	0.00	0.000000
50.00	4497.00	.142000	60.00	4497.00	.210000
70.00	4497.00	.300000	80.00	4497.00	.440000
90.00	4497.00	.700000	100.00	4497.00	1.040000
110.00	4497.00	1.410000	120.00	4497.00	1.900000
.50	4725.28	.000510	1.00	4725.28	.001476
1.50	4725.28	.002564	2.00	4725.28	.003626
2.50	4725.28	.004684	3.00	4725.28	.005692
3.50	4725.28	.006711	4.00	4725.28	.007699
4.50	4725.28	.009037	5.00	4725.28	.010245
5.50	4725.28	.011394	6.00	4725.28	.012602
6.50	4725.28	.013921	7.00	4725.28	.015249
7.50	4725.28	.016737	8.00	4725.28	.018135
8.50	4725.28	.019571	9.00	4725.28	.021121
9.50	4725.28	.022679	10.00	4725.28	.024197
20.00	4725.28	0.052	30.00	4725.28	0.083
40.00	4725.28	0.115	50.00	4725.28	0.173
60.00	4725.28	0.26	70.00	4725.28	0.375
80.00	4725.28	0.54	90.00	4725.28	0.87
100.00	4725.28	1.3	110.00	4725.28	1.8
120.00	4725.28	2.3	0.00	0.00	0.00
.50	5561.07	.001738	1.00	5561.07	.005647
1.50	5561.07	.008543	2.00	5561.07	.011519
2.50	5561.07	.012777	3.00	5561.07	.018123
3.50	5561.07	.021708	4.00	5561.07	.024926
4.50	5561.07	.029786	5.00	5561.07	.033084
5.50	5561.07	.038300	6.00	5561.07	.042716
6.50	5561.07	.047520	7.00	5561.07	.051706
7.50	5561.07	.057171	8.00	5561.07	.063595
8.50	5561.07	.069738	9.00	5561.07	.076082
9.50	5561.07	.083027	10.00	5561.07	.090735
20.00	5561.07	.190000	30.00	5561.07	.310000
40.00	5561.07	.500000	50.00	5561.07	.800000
60.00	5561.07	1.200000	70.00	5561.07	1.900000
80.00	5561.07	3.000000	90.00	5561.07	4.300000
100.00	5561.07	6.800000	110.00	5561.07	10.000000
120.00	5561.07	15.000000	0.00	0.00	0.000000
1.00	5800.00	.006000	0.00	0.00	0.00
10.00	5800.00	.110000	20.00	5800.00	.220000
30.00	5800.00	.400000	40.00	5800.00	.580000
50.00	5800.00	.900000	60.00	5800.00	1.400000
70.00	5800.00	2.200000	80.00	5800.00	4.000000
90.00	5800.00	5.000000	100.00	5800.00	7.000000
110.00	5800.00	12.000000	120.00	5800.00	18.000000

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	200.	.1102E-05		.2508E-05	.439	-1.784
2.	200.	.1157E-05		.3045E-05	.380	-1.613
3.	200.	.1189E-05		.3350E-05	.354	-1.548
4.	200.	.1212E-05		.3568E-05	.340	-1.515
5.	200.	.1230E-05		.3718E-05	.331	-1.494
10.	200.	.1285E-05		.4074E-05	.315	-1.461
15.	200.	.1316E-05		.4246E-05	.310	-1.449
20.	200.	.1337E-05		.4420E-05	.303	-1.434
25.	200.	.1353E-05		.4623E-05	.293	-1.414
30.	200.	.1366E-05		.4853E-05	.282	-1.392
35.	200.	.1377E-05		.5110E-05	.269	-1.369
40.	200.	.1386E-05		.5392E-05	.257	-1.346
45.	200.	.1393E-05		.5696E-05	.245	-1.324
50.	200.	.1400E-05		.6025E-05	.232	-1.303
55.	200.	.1406E-05		.6374E-05	.221	-1.283
60.	200.	.1411E-05		.6731E-05	.210	-1.265
65.	200.	.1416E-05		.7088E-05	.200	-1.250
70.	200.	.1420E-05		.7435E-05	.191	-1.236
75.	200.	.1424E-05		.7768E-05	.183	-1.225
80.	200.	.1428E-05		.8081E-05	.177	-1.215
85.	200.	.1431E-05		.8372E-05	.171	-1.206
90.	200.	.1434E-05		.8638E-05	.166	-1.199
95.	200.	.1437E-05		.8876E-05	.162	-1.193
100.	200.	.1440E-05		.9087E-05	.158	-1.188
105.	200.	.1442E-05		.9269E-05	.156	-1.184
110.	200.	.1445E-05		.9422E-05	.153	-1.181
115.	200.	.1447E-05		.9547E-05	.152	-1.179
120.	200.	.1449E-05		.9645E-05	.150	-1.177

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	400.	.1465E-05		.6131E-05	.239	-1.314
2.	400.	.1415E-05		.6718E-05	.185	-1.227
3.	400.	.1707E-05		.1050E-04	.162	-1.193
4.	400.	.1775E-05		.1193E-04	.149	-1.175
5.	400.	.1828E-05		.1305E-04	.140	-1.163
10.	400.	.1996E-05		.1628E-04	.123	-1.140
15.	400.	.2095E-05		.1794E-04	.117	-1.132
20.	400.	.2164E-05		.1935E-04	.112	-1.126
25.	400.	.2217E-05		.2080E-04	.107	-1.119
30.	400.	.2260E-05		.2236E-04	.101	-1.112
35.	400.	.2295E-05		.2405E-04	.095	-1.105
40.	400.	.2325E-05		.2588E-04	.090	-1.099
45.	400.	.2351E-05		.2787E-04	.084	-1.092
50.	400.	.2374E-05		.3001E-04	.079	-1.086
55.	400.	.2394E-05		.3230E-04	.074	-1.080
60.	400.	.2412E-05		.3467E-04	.070	-1.075
65.	400.	.2428E-05		.3706E-04	.066	-1.070
70.	400.	.2443E-05		.3940E-04	.062	-1.066
75.	400.	.2457E-05		.4165E-04	.059	-1.063
80.	400.	.2469E-05		.4378E-04	.056	-1.060
85.	400.	.2481E-05		.4575E-04	.054	-1.057
90.	400.	.2492E-05		.4754E-04	.052	-1.055
95.	400.	.2502E-05		.4915E-04	.051	-1.054
100.	400.	.2511E-05		.5054E-04	.050	-1.052
105.	400.	.2519E-05		.5173E-04	.049	-1.051
110.	400.	.2528E-05		.5270E-04	.048	-1.050
115.	400.	.2535E-05		.5346E-04	.047	-1.050
120.	400.	.2543E-05		.5400E-04	.047	-1.049

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1976

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	600.	.1952E-05		.1534E-04	.146	-1.171
2.	600.	.2260E-05		.2165E-04	.104	-1.117
3.	600.	.2459E-05		.2420E-04	.087	-1.096
4.	600.	.2608E-05		.3363E-04	.078	-1.084
5.	600.	.2727E-05		.3825E-04	.071	-1.077
10.	600.	.3115E-05		.5312E-04	.054	-1.062
15.	600.	.3352E-05		.6160E-04	.054	-1.058
20.	600.	.3521E-05		.6870E-04	.051	-1.054
25.	600.	.3652E-05		.7573E-04	.048	-1.051
30.	600.	.3758E-05		.8310E-04	.045	-1.047
35.	600.	.3847E-05		.9099E-04	.042	-1.044
40.	600.	.3924E-05		.9952E-04	.039	-1.041
45.	600.	.3990E-05		.1087E-03	.037	-1.038
50.	600.	.4049E-05		.1187E-03	.034	-1.035
55.	600.	.4101E-05		.1294E-03	.032	-1.033
60.	600.	.4148E-05		.1405E-03	.030	-1.040
65.	600.	.4191E-05		.1518E-03	.028	-1.028
70.	600.	.4230E-05		.1629E-03	.026	-1.027
75.	600.	.4266E-05		.1737E-03	.025	-1.025
80.	600.	.4299E-05		.1836E-03	.023	-1.024
85.	600.	.4329E-05		.1933E-03	.022	-1.023
90.	600.	.4358E-05		.2019E-03	.022	-1.022
95.	600.	.4384E-05		.2096E-03	.021	-1.021
100.	600.	.4409E-05		.2162E-03	.020	-1.021
105.	600.	.4432E-05		.2219E-03	.020	-1.020
110.	600.	.4454E-05		.2264E-03	.020	-1.020
115.	600.	.4474E-05		.2299E-03	.019	-1.020
120.	600.	.4494E-05		.2324E-03	.019	-1.020

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	800.	.2802E-05		.2608E-04	.100	-1.111
2.	800.	.3169E-05		.4710E-04	.067	-1.072
3.	800.	.3549E-05		.6515E-04	.054	-1.058
4.	800.	.3840E-05		.8095E-04	.047	-1.050
5.	800.	.4077E-05		.9494E-04	.043	-1.045
10.	800.	.4876E-05		.1439E-03	.034	-1.035
15.	800.	.5379E-05		.1748E-03	.031	-1.032
20.	800.	.5748E-05		.2011E-03	.029	-1.029
25.	800.	.6037E-05		.2267E-03	.027	-1.027
30.	800.	.6275E-05		.2533E-03	.025	-1.025
35.	800.	.6476E-05		.2816E-03	.023	-1.024
40.	800.	.6650E-05		.3119E-03	.021	-1.022
45.	800.	.6802E-05		.3445E-03	.020	-1.020
50.	800.	.6937E-05		.3797E-03	.018	-1.019
55.	800.	.7058E-05		.4175E-03	.017	-1.017
60.	800.	.7167E-05		.4569E-03	.016	-1.016
65.	800.	.7267E-05		.4969E-03	.015	-1.015
70.	800.	.7359E-05		.5364E-03	.014	-1.014
75.	800.	.7442E-05		.5748E-03	.013	-1.013
80.	800.	.7520E-05		.6112E-03	.012	-1.012
85.	800.	.7592E-05		.6451E-03	.012	-1.012
90.	800.	.7660E-05		.6761E-03	.011	-1.011
95.	800.	.7722E-05		.7038E-03	.011	-1.011
100.	800.	.7781E-05		.7279E-03	.011	-1.011
105.	800.	.7836E-05		.7482E-03	.010	-1.011
110.	800.	.7888E-05		.7647E-03	.010	-1.010
115.	800.	.7937E-05		.7774E-03	.010	-1.010
120.	800.	.7984E-05		.7863E-03	.010	-1.010

1500 F BIAxIAL OAY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1000.	.3471E-05		.4617E-04	.075	-1.081
2.	1000.	.4446E-05		.9084E-04	.049	-1.051
3.	1000.	.5125E-05		.1316E-03	.039	-1.041
4.	1000.	.5659E-05		.1687E-03	.034	-1.035
5.	1000.	.6102E-05		.2024E-03	.030	-1.031
10.	1000.	.7643E-05		.3291E-03	.023	-1.024
15.	1000.	.8648E-05		.4167E-03	.021	-1.021
20.	1000.	.9400E-05		.4931E-03	.019	-1.019
25.	1000.	.1000E-04		.5677E-03	.018	-1.018
30.	1000.	.1050E-04		.6443E-03	.016	-1.017
35.	1000.	.1093E-04		.7248E-03	.015	-1.015
40.	1000.	.1130E-04		.8105E-03	.014	-1.014
45.	1000.	.1162E-04		.9022E-03	.013	-1.013
50.	1000.	.1191E-04		.1001E-02	.012	-1.012
55.	1000.	.1218E-04		.1106E-02	.011	-1.011
60.	1000.	.1242E-04		.1215E-02	.010	-1.010
65.	1000.	.1264E-04		.1326E-02	.010	-1.010
70.	1000.	.1284E-04		.1436E-02	.009	-1.009
75.	1000.	.1302E-04		.1542E-02	.008	-1.009
80.	1000.	.1319E-04		.1644E-02	.008	-1.008
85.	1000.	.1335E-04		.1739E-02	.008	-1.008
90.	1000.	.1350E-04		.1825E-02	.007	-1.007
95.	1000.	.1364E-04		.1903E-02	.007	-1.007
100.	1000.	.1378E-04		.1971E-02	.007	-1.007
105.	1000.	.1390E-04		.2029E-02	.007	-1.007
110.	1000.	.1402E-04		.2077E-02	.007	-1.007
115.	1000.	.1413E-04		.2114E-02	.007	-1.007
120.	1000.	.1423E-04		.2141E-02	.007	-1.007

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1200.	.4627E-05		.7472E-04	.062	-1.066
2.	1200.	.6234E-05		.1570E-03	.040	-1.041
3.	1200.	.7199E-05		.2354E-03	.031	-1.032
4.	1200.	.8337E-05		.3084E-03	.027	-1.028
5.	1200.	.9131E-05		.3761E-03	.024	-1.025
10.	1200.	.1198E-04		.6454E-03	.019	-1.019
15.	1200.	.1391E-04		.8482E-03	.016	-1.017
20.	1200.	.1538E-04		.1030E-02	.015	-1.015
25.	1200.	.1657E-04		.1208E-02	.014	-1.014
30.	1200.	.1758E-04		.1390E-02	.013	-1.013
35.	1200.	.1844E-04		.1579E-02	.012	-1.012
40.	1200.	.1920E-04		.1778E-02	.011	-1.011
45.	1200.	.1988E-04		.1989E-02	.010	-1.010
50.	1200.	.2048E-04		.2213E-02	.009	-1.009
55.	1200.	.2103E-04		.2450E-02	.009	-1.009
60.	1200.	.2153E-04		.2696E-02	.008	-1.008
65.	1200.	.2199E-04		.2944E-02	.007	-1.008
70.	1200.	.2241E-04		.3189E-02	.007	-1.007
75.	1200.	.2281E-04		.3427E-02	.007	-1.007
80.	1200.	.2317E-04		.3654E-02	.006	-1.006
85.	1200.	.2351E-04		.3866E-02	.006	-1.006
90.	1200.	.2383E-04		.4062E-02	.006	-1.006
95.	1200.	.2413E-04		.4238E-02	.006	-1.006
100.	1200.	.2442E-04		.4394E-02	.006	-1.006
105.	1200.	.2468E-04		.4529E-02	.005	-1.005
110.	1200.	.2493E-04		.4641E-02	.005	-1.005
115.	1200.	.2517E-04		.4731E-02	.005	-1.005
120.	1200.	.2540E-04		.4800E-02	.005	-1.005

1500 F BIAXIAL OXY ENGH LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1400.	.6160E-05	.1115E-03	.055	-1.058
2.	1400.	.8728E-05	.2457E-03	.036	-1.037
3.	1400.	.1067E-04	.3772E-03	.028	-1.029
4.	1400.	.1226E-04	.5016E-03	.024	-1.025
5.	1400.	.1364E-04	.6179E-03	.022	-1.023
10.	1400.	.1875E-04	.1103E-02	.017	-1.017
15.	1400.	.2233E-04	.1499E-02	.015	-1.015
20.	1400.	.2513E-04	.1864E-02	.013	-1.014
25.	1400.	.2743E-04	.2223E-02	.012	-1.012
30.	1400.	.2939E-04	.2586E-02	.011	-1.011
35.	1400.	.3110E-04	.2960E-02	.011	-1.011
40.	1400.	.3260E-04	.3349E-02	.010	-1.010
45.	1400.	.3395E-04	.3756E-02	.009	-1.009
50.	1400.	.3517E-04	.4182E-02	.008	-1.008
55.	1400.	.3628E-04	.4626E-02	.008	-1.008
60.	1400.	.3730E-04	.5086E-02	.007	-1.007
65.	1400.	.3823E-04	.5505E-02	.007	-1.007
70.	1400.	.3910E-04	.5996E-02	.007	-1.007
75.	1400.	.3991E-04	.6437E-02	.006	-1.006
80.	1400.	.4066E-04	.6856E-02	.006	-1.006
85.	1400.	.4137E-04	.7250E-02	.006	-1.006
90.	1400.	.4203E-04	.7615E-02	.006	-1.006
95.	1400.	.4265E-04	.7946E-02	.005	-1.005
100.	1400.	.4324E-04	.8245E-02	.005	-1.005
105.	1400.	.4380E-04	.8507E-02	.005	-1.005
110.	1400.	.4433E-04	.8731E-02	.005	-1.005
115.	1400.	.4482E-04	.8917E-02	.005	-1.005
120.	1400.	.4530E-04	.9067E-02	.005	-1.005

1500 F BIAXIAL OXY ENGH LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1600.	.8180E-05	.1547E-03	.053	-1.056
2.	1600.	.1219E-04	.3521E-03	.035	-1.036
3.	1600.	.1533E-04	.5485E-03	.028	-1.029
4.	1600.	.1799E-04	.7352E-03	.024	-1.025
5.	1600.	.2033E-04	.9103E-03	.022	-1.023
10.	1600.	.2926E-04	.1671E-02	.018	-1.018
15.	1600.	.3575E-04	.2336E-02	.015	-1.016
20.	1600.	.4094E-04	.2968E-02	.014	-1.014
25.	1600.	.4527E-04	.3592E-02	.013	-1.013
30.	1600.	.4900E-04	.4220E-02	.012	-1.012
35.	1600.	.5228E-04	.4859E-02	.011	-1.011
40.	1600.	.5520E-04	.5514E-02	.010	-1.010
45.	1600.	.5783E-04	.6187E-02	.009	-1.009
50.	1600.	.6022E-04	.6882E-02	.009	-1.009
55.	1600.	.6241E-04	.7596E-02	.008	-1.008
60.	1600.	.6443E-04	.8321E-02	.008	-1.008
65.	1600.	.6629E-04	.9043E-02	.007	-1.007
70.	1600.	.6803E-04	.9752E-02	.007	-1.007
75.	1600.	.6965E-04	.1044E-01	.007	-1.007
80.	1600.	.7116E-04	.1110E-01	.006	-1.006
85.	1600.	.7258E-04	.1172E-01	.006	-1.006
90.	1600.	.7392E-04	.1230E-01	.006	-1.006
95.	1600.	.7519E-04	.1283E-01	.006	-1.006
100.	1600.	.7638E-04	.1332E-01	.006	-1.006
105.	1600.	.7752E-04	.1376E-01	.006	-1.006
110.	1600.	.7859E-04	.1414E-01	.006	-1.006
115.	1600.	.7961E-04	.1448E-01	.005	-1.006
120.	1600.	.8059E-04	.1477E-01	.005	-1.005

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1800.	.1083E-04		.2015E-03	.054	-1.057
2.	1800.	.1696E-04		.4673E-03	.036	-1.036
3.	1800.	.2196E-04		.7327E-03	.030	-1.031
4.	1800.	.2624E-04		.9845E-03	.027	-1.027
5.	1800.	.3018E-04		.1220E-02	.025	-1.025
10.	1800.	.4547E-04		.2278E-02	.020	-1.020
15.	1800.	.5699E-04		.3266E-02	.017	-1.018
20.	1800.	.6639E-04		.4231E-02	.016	-1.016
25.	1800.	.7438E-04		.5187E-02	.014	-1.015
30.	1800.	.8133E-04		.6143E-02	.013	-1.013
35.	1800.	.8750E-04		.7104E-02	.012	-1.012
40.	1800.	.9304E-04		.8073E-02	.012	-1.012
45.	1800.	.9806E-04		.9051E-02	.011	-1.011
50.	1800.	.1027E-03		.1004E-01	.010	-1.010
55.	1800.	.1069E-03		.1104E-01	.010	-1.010
60.	1800.	.1108E-03		.1204E-01	.009	-1.009
65.	1800.	.1144E-03		.1302E-01	.009	-1.009
70.	1800.	.1178E-03		.1399E-01	.008	-1.008
75.	1800.	.1210E-03		.1492E-01	.008	-1.008
80.	1800.	.1240E-03		.1582E-01	.008	-1.008
85.	1800.	.1268E-03		.1667E-01	.008	-1.008
90.	1800.	.1294E-03		.1748E-01	.007	-1.007
95.	1800.	.1319E-03		.1824E-01	.007	-1.007
100.	1800.	.1343E-03		.1895E-01	.007	-1.007
105.	1800.	.1366E-03		.1960E-01	.007	-1.007
110.	1800.	.1387E-03		.2019E-01	.007	-1.007
115.	1800.	.1408E-03		.2074E-01	.007	-1.007
120.	1800.	.1427E-03		.2122E-01	.007	-1.007

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2000.	.1427E-04		.2485E-03	.057	-1.061
2.	2000.	.2349E-04		.5804E-03	.040	-1.042
3.	2000.	.3124E-04		.9103E-03	.034	-1.036
4.	2000.	.3822E-04		.1221E-02	.031	-1.032
5.	2000.	.4452E-04		.1510E-02	.029	-1.030
10.	2000.	.7025E-04		.2841E-02	.025	-1.025
15.	2000.	.9031E-04		.4163E-02	.022	-1.022
20.	2000.	.1070E-03		.5485E-02	.020	-1.020
25.	2000.	.1214E-03		.6802E-02	.018	-1.018
30.	2000.	.1341E-03		.8110E-02	.017	-1.017
35.	2000.	.1455E-03		.9408E-02	.015	-1.016
40.	2000.	.1559E-03		.1069E-01	.013	-1.015
45.	2000.	.1652E-03		.1197E-01	.014	-1.014
50.	2000.	.1734E-03		.1323E-01	.013	-1.013
55.	2000.	.1818E-03		.1448E-01	.013	-1.013
60.	2000.	.1893E-03		.1570E-01	.012	-1.012
65.	2000.	.1962E-03		.1690E-01	.012	-1.012
70.	2000.	.2027E-03		.1807E-01	.011	-1.011
75.	2000.	.2088E-03		.1921E-01	.011	-1.011
80.	2000.	.2146E-03		.2030E-01	.011	-1.011
85.	2000.	.2200E-03		.2136E-01	.010	-1.010
90.	2000.	.2251E-03		.2237E-01	.010	-1.010
95.	2000.	.2300E-03		.2334E-01	.010	-1.010
100.	2000.	.2346E-03		.2427E-01	.010	-1.010
105.	2000.	.2390E-03		.2515E-01	.010	-1.010
110.	2000.	.2432E-03		.2599E-01	.009	-1.009
115.	2000.	.2473E-03		.2679E-01	.009	-1.009
120.	2000.	.2511E-03		.2754E-01	.009	-1.009

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	2200.	.1872E-04	.2925E-03	.064	-1.068
2.	2200.	.3234E-04	.6823E-03	.047	-1.050
3.	2200.	.4431E-04	.1065E-02	.042	-1.043
4.	2200.	.5520E-04	.1421E-02	.039	-1.040
5.	2200.	.6527E-04	.1749E-02	.037	-1.039
10.	2200.	.1078E-03	.3297E-02	.033	-1.034
15.	2200.	.1420E-03	.4918E-02	.029	-1.030
20.	2200.	.1712E-03	.6576E-02	.026	-1.027
25.	2200.	.1967E-03	.8235E-02	.024	-1.024
30.	2200.	.2195E-03	.9674E-02	.022	-1.023
35.	2200.	.2401E-03	.1146E-01	.021	-1.021
40.	2200.	.2588E-03	.1305E-01	.020	-1.020
45.	2200.	.2761E-03	.1457E-01	.019	-1.019
50.	2200.	.2920E-03	.1604E-01	.018	-1.019
55.	2200.	.3069E-03	.1746E-01	.018	-1.018
60.	2200.	.3207E-03	.1883E-01	.017	-1.017
65.	2200.	.3337E-03	.2017E-01	.017	-1.017
70.	2200.	.3459E-03	.2148E-01	.016	-1.016
75.	2200.	.3574E-03	.2272E-01	.016	-1.016
80.	2200.	.3683E-03	.2396E-01	.015	-1.016
85.	2200.	.3786E-03	.2516E-01	.015	-1.015
90.	2200.	.3883E-03	.2634E-01	.015	-1.015
95.	2200.	.3976E-03	.2750E-01	.014	-1.015
100.	2200.	.4065E-03	.2864E-01	.014	-1.014
105.	2200.	.4149E-03	.2975E-01	.014	-1.014
110.	2200.	.4230E-03	.3086E-01	.014	-1.014
115.	2200.	.4307E-03	.3194E-01	.013	-1.014
120.	2200.	.4381E-03	.3301E-01	.013	-1.013

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	2400.	.2442E-04	.3318E-03	.074	-1.079
2.	2400.	.4424E-04	.7674E-03	.058	-1.061
3.	2400.	.6230E-04	.1186E-02	.052	-1.055
4.	2400.	.7912E-04	.1574E-02	.050	-1.053
5.	2400.	.9496E-04	.1925E-02	.049	-1.052
10.	2400.	.1639E-03	.3616E-02	.045	-1.047
15.	2400.	.2214E-03	.5474E-02	.040	-1.042
20.	2400.	.2713E-03	.7412E-02	.037	-1.038
25.	2400.	.3157E-03	.9354E-02	.034	-1.035
30.	2400.	.3557E-03	.1127E-01	.032	-1.033
35.	2400.	.3922E-03	.1313E-01	.030	-1.031
40.	2400.	.4258E-03	.1491E-01	.029	-1.029
45.	2400.	.4568E-03	.1661E-01	.028	-1.028
50.	2400.	.4857E-03	.1821E-01	.027	-1.027
55.	2400.	.5127E-03	.1973E-01	.026	-1.027
60.	2400.	.5380E-03	.2117E-01	.025	-1.026
65.	2400.	.5618E-03	.2256E-01	.025	-1.026
70.	2400.	.5843E-03	.2391E-01	.024	-1.025
75.	2400.	.6055E-03	.2524E-01	.024	-1.025
80.	2400.	.6256E-03	.2655E-01	.024	-1.024
85.	2400.	.6448E-03	.2786E-01	.023	-1.024
90.	2400.	.6630E-03	.2918E-01	.023	-1.023
95.	2400.	.6803E-03	.3050E-01	.022	-1.023
100.	2400.	.6969E-03	.3183E-01	.022	-1.022
105.	2400.	.7127E-03	.3319E-01	.021	-1.022
110.	2400.	.7279E-03	.3457E-01	.021	-1.022
115.	2400.	.7424E-03	.3596E-01	.021	-1.021
120.	2400.	.7563E-03	.3741E-01	.020	-1.021

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	2600.	.3163E-04	.3657E-03	.086	-1.095
2.	2600.	.6004E-04	.8349E-03	.072	-1.077
3.	2600.	.8687E-04	.1279E-02	.068	-1.073
4.	2600.	.1124E-03	.1680E-02	.067	-1.072
5.	2600.	.1369E-03	.2041E-02	.067	-1.072
10.	2600.	.2467E-03	.3810E-02	.065	-1.069
15.	2600.	.3414E-03	.5835E-02	.059	-1.062
20.	2600.	.4253E-03	.7983E-02	.053	-1.056
25.	2600.	.5010E-03	.1015E-01	.049	-1.052
30.	2600.	.5700E-03	.1228E-01	.046	-1.049
35.	2600.	.6335E-03	.1432E-01	.044	-1.046
40.	2600.	.6923E-03	.1625E-01	.043	-1.044
45.	2600.	.7471E-03	.1806E-01	.041	-1.043
50.	2600.	.7983E-03	.1974E-01	.040	-1.042
55.	2600.	.8464E-03	.2129E-01	.040	-1.041
60.	2600.	.8918E-03	.2275E-01	.039	-1.041
65.	2600.	.9346E-03	.2415E-01	.039	-1.040
70.	2600.	.9751E-03	.2551E-01	.038	-1.040
75.	2600.	.1014E-02	.2687E-01	.038	-1.039
80.	2600.	.1050E-02	.2824E-01	.037	-1.039
85.	2600.	.1085E-02	.2964E-01	.037	-1.038
90.	2600.	.1118E-02	.3107E-01	.036	-1.037
95.	2600.	.1150E-02	.3256E-01	.035	-1.037
100.	2600.	.1180E-02	.3410E-01	.035	-1.036
105.	2600.	.1209E-02	.3571E-01	.034	-1.035
110.	2600.	.1237E-02	.3739E-01	.033	-1.034
115.	2600.	.1264E-02	.3916E-01	.032	-1.033
120.	2600.	.1290E-02	.4102E-01	.031	-1.032

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	2800.	.4066E-04	.3952E-03	.103	-1.115
2.	2800.	.8076E-04	.8883E-03	.091	-1.100
3.	2800.	.1200E-03	.1346E-02	.099	-1.096
4.	2800.	.1581E-03	.1753E-02	.090	-1.099
5.	2800.	.1953E-03	.2116E-02	.092	-1.102
10.	2800.	.3671E-03	.3919E-02	.094	-1.103
15.	2800.	.5201E-03	.6055E-02	.086	-1.094
20.	2800.	.6585E-03	.8352E-02	.079	-1.086
25.	2800.	.7850E-03	.1068E-01	.073	-1.079
30.	2800.	.9016E-03	.1296E-01	.070	-1.075
35.	2800.	.1010E-02	.1514E-01	.067	-1.071
40.	2800.	.1111E-02	.1719E-01	.065	-1.069
45.	2800.	.1206E-02	.1908E-01	.063	-1.067
50.	2800.	.1295E-02	.2080E-01	.062	-1.066
55.	2800.	.1379E-02	.2237E-01	.062	-1.066
60.	2800.	.1458E-02	.2383E-01	.061	-1.065
65.	2800.	.1533E-02	.2523E-01	.061	-1.065
70.	2800.	.1605E-02	.2661E-01	.060	-1.064
75.	2800.	.1673E-02	.2801E-01	.060	-1.064
80.	2800.	.1738E-02	.2945E-01	.059	-1.063
85.	2800.	.1808E-02	.3095E-01	.058	-1.062
90.	2800.	.1860E-02	.3253E-01	.057	-1.061
95.	2800.	.1916E-02	.3421E-01	.056	-1.059
100.	2800.	.1971E-02	.3600E-01	.055	-1.058
105.	2800.	.2023E-02	.3791E-01	.053	-1.056
110.	2800.	.2074E-02	.3994E-01	.052	-1.055
115.	2800.	.2122E-02	.4216E-01	.050	-1.053
120.	2800.	.2168E-02	.4452E-01	.049	-1.051

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	3000.	.5183E-04	.4224E-03	.123	-1.140
2.	3000.	.1076E-03	.9344E-03	.115	-1.130
3.	3000.	.1639E-03	.1402E-02	.117	-1.132
4.	3000.	.2199E-03	.1812E-02	.121	-1.138
5.	3000.	.2753E-03	.2175E-02	.127	-1.145
10.	3000.	.5394E-03	.4001E-02	.135	-1.156
15.	3000.	.7818E-03	.6218E-02	.126	-1.144
20.	3000.	.1005E-02	.8629E-02	.116	-1.132
25.	3000.	.1212E-02	.1104E-01	.109	-1.123
30.	3000.	.1405E-02	.1350E-01	.104	-1.116
35.	3000.	.1586E-02	.1580E-01	.100	-1.112
40.	3000.	.1756E-02	.1795E-01	.098	-1.108
45.	3000.	.1916E-02	.1992E-01	.096	-1.106
50.	3000.	.2087E-02	.2170E-01	.095	-1.105
55.	3000.	.2211E-02	.2331E-01	.095	-1.105
60.	3000.	.2347E-02	.2480E-01	.095	-1.105
65.	3000.	.2477E-02	.2625E-01	.094	-1.104
70.	3000.	.2600E-02	.2764E-01	.094	-1.104
75.	3000.	.2718E-02	.2919E-01	.093	-1.103
80.	3000.	.2831E-02	.3075E-01	.092	-1.101
85.	3000.	.2940E-02	.3243E-01	.091	-1.100
90.	3000.	.3043E-02	.3423E-01	.089	-1.098
95.	3000.	.3143E-02	.3618E-01	.087	-1.095
100.	3000.	.3239E-02	.3830E-01	.085	-1.092
105.	3000.	.3331E-02	.4062E-01	.082	-1.089
110.	3000.	.3419E-02	.4316E-01	.079	-1.086
115.	3000.	.3504E-02	.4593E-01	.076	-1.083
120.	3000.	.3587E-02	.4896E-01	.073	-1.079

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	3200.	.8544E-04	.4505E-03	.145	-1.170
2.	3200.	.1417E-03	.9825E-03	.144	-1.169
3.	3200.	.2213E-03	.1462E-02	.151	-1.178
4.	3200.	.3021E-03	.1881E-02	.161	-1.191
5.	3200.	.3832E-03	.2249E-02	.170	-1.205
10.	3200.	.7811E-03	.4120E-02	.190	-1.234
15.	3200.	.1157E-02	.6423E-02	.180	-1.220
20.	3200.	.1511E-02	.8950E-02	.169	-1.203
25.	3200.	.1842E-02	.1154E-01	.160	-1.190
30.	3200.	.2155E-02	.1409E-01	.153	-1.180
35.	3200.	.2450E-02	.1654E-01	.148	-1.174
40.	3200.	.2729E-02	.1882E-01	.145	-1.170
45.	3200.	.2993E-02	.2093E-01	.143	-1.167
50.	3200.	.3245E-02	.2284E-01	.142	-1.166
55.	3200.	.3484E-02	.2455E-01	.142	-1.165
60.	3200.	.3713E-02	.2616E-01	.142	-1.165
65.	3200.	.3931E-02	.2774E-01	.142	-1.165
70.	3200.	.4140E-02	.2935E-01	.141	-1.164
75.	3200.	.4339E-02	.3104E-01	.140	-1.163
80.	3200.	.4531E-02	.3286E-01	.138	-1.160
85.	3200.	.4715E-02	.3483E-01	.135	-1.157
90.	3200.	.4892E-02	.3699E-01	.132	-1.152
95.	3200.	.5063E-02	.3938E-01	.129	-1.148
100.	3200.	.5226E-02	.4202E-01	.124	-1.142
105.	3200.	.5384E-02	.4495E-01	.120	-1.136
110.	3200.	.5537E-02	.4820E-01	.115	-1.130
115.	3200.	.5684E-02	.5180E-01	.110	-1.123
120.	3200.	.5826E-02	.5581E-01	.104	-1.117

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	3400.	.8180E-04		.4838E-03	.169	-1.204
2.	3400.	.1845E-03		.1044E-02	.177	-1.215
3.	3400.	.2949E-03		.1547E-02	.191	-1.236
4.	3400.	.4093E-03		.1986E-02	.206	-1.260
5.	3400.	.5258E-03		.2373E-02	.222	-1.285
10.	3400.	.1113E-02		.4348E-02	.256	-1.344
15.	3400.	.1685E-02		.6785E-02	.248	-1.330
20.	3400.	.2231E-02		.9473E-02	.236	-1.308
25.	3400.	.2751E-02		.1225E-01	.225	-1.290
30.	3400.	.3245E-02		.1501E-01	.216	-1.276
35.	3400.	.3715E-02		.1767E-01	.210	-1.266
40.	3400.	.4163E-02		.2014E-01	.206	-1.260
45.	3400.	.4590E-02		.2253E-01	.204	-1.256
50.	3400.	.4998E-02		.2468E-01	.203	-1.254
55.	3400.	.5388E-02		.2664E-01	.202	-1.253
60.	3400.	.5761E-02		.2851E-01	.202	-1.253
65.	3400.	.6119E-02		.3038E-01	.201	-1.252
70.	3400.	.6463E-02		.3233E-01	.200	-1.250
75.	3400.	.6793E-02		.3441E-01	.197	-1.246
80.	3400.	.7111E-02		.3664E-01	.194	-1.240
85.	3400.	.7416E-02		.3920E-01	.189	-1.233
90.	3400.	.7711E-02		.4199E-01	.184	-1.225
95.	3400.	.7994E-02		.4511E-01	.177	-1.215
100.	3400.	.8268E-02		.4861E-01	.170	-1.205
105.	3400.	.8532E-02		.5253E-01	.162	-1.194
110.	3400.	.8788E-02		.5694E-01	.154	-1.182
115.	3400.	.9035E-02		.6190E-01	.146	-1.171
120.	3400.	.9274E-02		.6748E-01	.137	-1.159

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	3600.	.1011E-03		.5272E-03	.192	-1.237
2.	3600.	.2370E-03		.1133E-02	.209	-1.264
3.	3600.	.3875E-03		.1681E-02	.231	-1.300
4.	3600.	.5464E-03		.2163E-02	.253	-1.338
5.	3600.	.7104E-03		.2593E-02	.274	-1.377
10.	3600.	.1560E-02		.4781E-02	.326	-1.484
15.	3600.	.2409E-02		.7450E-02	.323	-1.478
20.	3600.	.3234E-02		.1040E-01	.311	-1.451
25.	3600.	.4029E-02		.1347E-01	.299	-1.427
30.	3600.	.4791E-02		.1657E-01	.289	-1.407
35.	3600.	.5522E-02		.1960E-01	.282	-1.392
40.	3600.	.6223E-02		.2252E-01	.276	-1.382
45.	3600.	.6895E-02		.2530E-01	.273	-1.375
50.	3600.	.7540E-02		.2791E-01	.270	-1.370
55.	3600.	.8159E-02		.3035E-01	.269	-1.368
60.	3600.	.8755E-02		.3274E-01	.267	-1.365
65.	3600.	.9327E-02		.3519E-01	.265	-1.361
70.	3600.	.9878E-02		.3774E-01	.261	-1.354
75.	3600.	.1041E-01		.4061E-01	.256	-1.345
80.	3600.	.1092E-01		.4374E-01	.250	-1.333
85.	3600.	.1141E-01		.4723E-01	.242	-1.319
90.	3600.	.1189E-01		.5117E-01	.232	-1.303
95.	3600.	.1235E-01		.5561E-01	.222	-1.286
100.	3600.	.1280E-01		.6064E-01	.211	-1.267
105.	3600.	.1323E-01		.6635E-01	.199	-1.249
110.	3600.	.1364E-01		.7283E-01	.187	-1.231
115.	3600.	.1405E-01		.8014E-01	.175	-1.212
120.	3600.	.1444E-01		.8857E-01	.163	-1.195

1500 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	3800.	.1235E-03		.5886E-03	.210	-1.266
2.	3800.	.3003E-03		.1271E-02	.236	-1.309
3.	3800.	.5015E-03		.1099E-02	.264	-1.359
4.	3800.	.7177E-03		.2464E-02	.291	-1.411
5.	3800.	.9438E-03		.2976E-02	.317	-1.464
10.	3800.	.2103E-02		.5366E-02	.365	-1.627
15.	3800.	.3176E-02		.8644E-02	.391	-1.641
20.	3800.	.4593E-02		.1204E-01	.381	-1.616
25.	3800.	.5777E-02		.1562E-01	.370	-1.587
30.	3800.	.6924E-02		.1928E-01	.359	-1.560
35.	3800.	.8032E-02		.2296E-01	.350	-1.536
40.	3800.	.9100E-02		.2660E-01	.342	-1.520
45.	3800.	.1013E-01		.3016E-01	.336	-1.506
50.	3800.	.1112E-01		.3363E-01	.331	-1.494
55.	3800.	.1208E-01		.3699E-01	.327	-1.485
60.	3800.	.1300E-01		.4039E-01	.322	-1.475
65.	3800.	.1389E-01		.4396E-01	.316	-1.462
70.	3800.	.1475E-01		.4783E-01	.308	-1.446
75.	3800.	.1558E-01		.5210E-01	.299	-1.427
80.	3800.	.1639E-01		.5688E-01	.288	-1.405
85.	3800.	.1716E-01		.6228E-01	.276	-1.380
90.	3800.	.1791E-01		.6842E-01	.262	-1.355
95.	3800.	.1864E-01		.7543E-01	.247	-1.328
100.	3800.	.1934E-01		.8344E-01	.232	-1.302
105.	3800.	.2002E-01		.9262E-01	.216	-1.276
110.	3800.	.2069E-01		.1031E+00	.201	-1.251
115.	3800.	.2133E-01		.1152E+00	.185	-1.227
120.	3800.	.2195E-01		.1291E+00	.170	-1.205

1500 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	4000.	.1489E-03		.6792E-03	.219	-1.281
2.	4000.	.3747E-03		.1489E-02	.252	-1.336
3.	4000.	.6384E-03		.2258E-02	.283	-1.394
4.	4000.	.9264E-03		.2973E-02	.312	-1.453
5.	4000.	.1231E-02		.3639E-02	.338	-1.511
10.	4000.	.2890E-02		.6973E-02	.414	-1.708
15.	4000.	.4632E-02		.1077E-01	.430	-1.754
20.	4000.	.6379E-02		.1495E-01	.427	-1.745
25.	4000.	.8099E-02		.1940E-01	.418	-1.717
30.	4000.	.9779E-02		.2406E-01	.406	-1.685
35.	4000.	.1141E-01		.2889E-01	.395	-1.653
40.	4000.	.1299E-01		.3383E-01	.384	-1.624
45.	4000.	.1453E-01		.3887E-01	.374	-1.597
50.	4000.	.1601E-01		.4398E-01	.364	-1.573
55.	4000.	.1745E-01		.4916E-01	.355	-1.550
60.	4000.	.1884E-01		.5458E-01	.345	-1.527
65.	4000.	.2018E-01		.6044E-01	.334	-1.501
70.	4000.	.2149E-01		.6691E-01	.321	-1.473
75.	4000.	.2275E-01		.7416E-01	.307	-1.442
80.	4000.	.2397E-01		.8242E-01	.291	-1.410
85.	4000.	.2515E-01		.9184E-01	.274	-1.377
90.	4000.	.2630E-01		.1027E+00	.256	-1.344
95.	4000.	.2741E-01		.1151E+00	.238	-1.313
100.	4000.	.2849E-01		.1295E+00	.220	-1.282
105.	4000.	.2954E-01		.1462E+00	.202	-1.253
110.	4000.	.3056E-01		.1655E+00	.185	-1.226
115.	4000.	.3155E-01		.1879E+00	.168	-1.202
120.	4000.	.3251E-01		.2140E+00	.152	-1.179

1500 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	4200.	.1771E-03	.8147E-03	.217	-1.278
2.	4200.	.4600E-03	.1833E-02	.251	-1.335
3.	4200.	.7984E-03	.2847E-02	.280	-1.390
4.	4200.	.1174E-02	.3830E-02	.307	-1.442
5.	4200.	.1576E-02	.4778E-02	.330	-1.492
10.	4200.	.3811E-02	.9480E-02	.402	-1.672
15.	4200.	.6713E-02	.1455E-01	.427	-1.745
20.	4200.	.8654E-02	.2007E-01	.431	-1.758
25.	4200.	.1108E-01	.2605E-01	.425	-1.740
30.	4200.	.1347E-01	.3250E-01	.415	-1.708
35.	4200.	.1581E-01	.3942E-01	.401	-1.669
40.	4200.	.1809E-01	.4682E-01	.386	-1.630
45.	4200.	.2030E-01	.5469E-01	.371	-1.590
50.	4200.	.2246E-01	.6305E-01	.356	-1.553
55.	4200.	.2455E-01	.7194E-01	.341	-1.516
60.	4200.	.2658E-01	.8160E-01	.326	-1.483
65.	4200.	.2855E-01	.9235E-01	.309	-1.448
70.	4200.	.3047E-01	.1045E+00	.292	-1.411
75.	4200.	.3232E-01	.1184E+00	.273	-1.375
80.	4200.	.3413E-01	.1344E+00	.254	-1.340
85.	4200.	.3588E-01	.1530E+00	.235	-1.306
90.	4200.	.3758E-01	.1745E+00	.215	-1.274
95.	4200.	.3923E-01	.1997E+00	.196	-1.244
100.	4200.	.4083E-01	.2291E+00	.178	-1.217
105.	4200.	.4239E-01	.2635E+00	.161	-1.192
110.	4200.	.4391E-01	.3034E+00	.145	-1.169
115.	4200.	.4538E-01	.3512E+00	.129	-1.148
120.	4200.	.4681E-01	.4069E+00	.115	-1.130

1500 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	4400.	.2076E-03	.1010E-02	.205	-1.259
2.	4400.	.5552E-03	.2352E-02	.236	-1.309
3.	4400.	.9801E-03	.3760E-02	.261	-1.353
4.	4400.	.1458E-02	.5187E-02	.281	-1.391
5.	4400.	.1976E-02	.6618E-02	.299	-1.426
10.	4400.	.4912E-02	.1368E-01	.359	-1.560
15.	4400.	.8131E-02	.2086E-01	.390	-1.639
20.	4400.	.1145E-01	.2859E-01	.400	-1.668
25.	4400.	.1477E-01	.3712E-01	.398	-1.661
30.	4400.	.1807E-01	.4663E-01	.388	-1.633
35.	4400.	.2132E-01	.5723E-01	.373	-1.594
40.	4400.	.2450E-01	.6904E-01	.355	-1.550
45.	4400.	.2760E-01	.8220E-01	.336	-1.506
50.	4400.	.3063E-01	.9680E-01	.316	-1.463
55.	4400.	.3359E-01	.1130E+00	.297	-1.423
60.	4400.	.3646E-01	.1314E+00	.278	-1.384
65.	4400.	.3925E-01	.1524E+00	.258	-1.347
70.	4400.	.4197E-01	.1767E+00	.238	-1.312
75.	4400.	.4462E-01	.2050E+00	.219	-1.278
80.	4400.	.4719E-01	.2383E+00	.198	-1.247
85.	4400.	.4970E-01	.2774E+00	.179	-1.218
90.	4400.	.5213E-01	.3237E+00	.161	-1.192
95.	4400.	.5450E-01	.3763E+00	.144	-1.168
100.	4400.	.5681E-01	.4431E+00	.128	-1.147
105.	4400.	.5905E-01	.5199E+00	.114	-1.128
110.	4400.	.6124E-01	.6112E+00	.100	-1.111
115.	4400.	.6336E-01	.7197E+00	.088	-1.097
120.	4400.	.6543E-01	.8487E+00	.077	-1.084

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	4800.	.2396E+03		.1284E-02	.187	-1.229
2.	4800.	.6579E+03		.5101E-02	.212	-1.269
3.	4800.	.1179E+02		.5109E-02	.231	-1.300
4.	4800.	.1774E+02		.7235E-02	.245	-1.325
5.	4800.	.2423E+02		.9441E-02	.257	-1.345
10.	4800.	.6178E+02		.2037E-01	.303	-1.435
15.	4800.	.1037E+01		.3087E-01	.336	-1.506
20.	4800.	.1474E+01		.4209E-01	.350	-1.539
25.	4800.	.1916E+01		.5473E-01	.350	-1.539
30.	4800.	.2357E+01		.6725E-01	.340	-1.516
35.	4800.	.2794E+01		.8006E-01	.325	-1.481
40.	4800.	.3223E+01		.1055E+00	.305	-1.440
45.	4800.	.3644E+01		.1281E+00	.284	-1.397
50.	4800.	.4056E+01		.1542E+00	.263	-1.357
55.	4800.	.4459E+01		.1844E+00	.242	-1.314
60.	4800.	.4852E+01		.2196E+00	.221	-1.284
65.	4800.	.5235E+01		.2610E+00	.201	-1.251
70.	4800.	.5609E+01		.3102E+00	.181	-1.221
75.	4800.	.5973E+01		.3688E+00	.162	-1.193
80.	4800.	.6328E+01		.4388E+00	.144	-1.169
85.	4800.	.6674E+01		.5227E+00	.128	-1.146
90.	4800.	.7011E+01		.6233E+00	.112	-1.127
95.	4800.	.7339E+01		.7442E+00	.099	-1.109
100.	4800.	.7659E+01		.8896E+00	.086	-1.094
105.	4800.	.7971E+01		.1064E+01	.075	-1.081
110.	4800.	.8274E+01		.1275E+01	.065	-1.069
115.	4800.	.8571E+01		.1528E+01	.056	-1.059
120.	4800.	.8859E+01		.1834E+01	.048	-1.051

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	4800.	.2720E+03		.1660E-02	.164	-1.196
2.	4800.	.7647E+03		.4149E-02	.184	-1.226
3.	4800.	.1390E+02		.7021E-02	.198	-1.247
4.	4800.	.2110E+02		.1017E-01	.207	-1.262
5.	4800.	.2904E+02		.1354E-01	.214	-1.273
10.	4800.	.7571E+02		.3035E-01	.249	-1.332
15.	4800.	.1287E+01		.4586E-01	.281	-1.390
20.	4800.	.1844E+01		.6238E-01	.296	-1.420
25.	4800.	.2413E+01		.8136E-01	.297	-1.422
30.	4800.	.2984E+01		.1038E+00	.287	-1.403
35.	4800.	.3551E+01		.1306E+00	.272	-1.374
40.	4800.	.4112E+01		.1627E+00	.253	-1.336
45.	4800.	.4663E+01		.2011E+00	.232	-1.302
50.	4800.	.5204E+01		.2470E+00	.211	-1.267
55.	4800.	.5735E+01		.3018E+00	.190	-1.235
60.	4800.	.6253E+01		.3675E+00	.170	-1.205
65.	4800.	.6761E+01		.4469E+00	.151	-1.178
70.	4800.	.7256E+01		.5431E+00	.134	-1.154
75.	4800.	.7739E+01		.6600E+00	.117	-1.133
80.	4800.	.8211E+01		.8022E+00	.102	-1.114
85.	4800.	.8672E+01		.9754E+00	.089	-1.098
90.	4800.	.9121E+01		.1187E+01	.077	-1.083
95.	4800.	.9559E+01		.1444E+01	.066	-1.071
100.	4800.	.9987E+01		.1758E+01	.057	-1.060
105.	4800.	.1040E+00		.2142E+01	.049	-1.051
110.	4800.	.1081E+00		.2609E+01	.041	-1.043
115.	4800.	.1121E+00		.3179E+01	.035	-1.037
120.	4800.	.1160E+00		.3874E+01	.030	-1.031

1500 F BIAxIAL UXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	5000.	.3035E-03	.2164E-02	.140	-1.163
2.	5000.	.8709E-03	.5556E-02	.157	-1.186
3.	5000.	.1602E-02	.9540E-02	.167	-1.200
4.	5000.	.2452E-02	.1413E-01	.174	-1.210
5.	5000.	.3397E-02	.1907E-01	.178	-1.217
10.	5000.	.9028E-02	.4397E-01	.205	-1.258
15.	5000.	.1551E-01	.6653E-01	.233	-1.304
20.	5000.	.2240E-01	.9086E-01	.247	-1.328
25.	5000.	.2947E-01	.1189E+00	.248	-1.330
30.	5000.	.3660E-01	.1530E+00	.239	-1.315
35.	5000.	.4372E-01	.1947E+00	.225	-1.290
40.	5000.	.5078E-01	.2454E+00	.206	-1.260
45.	5000.	.5774E-01	.3087E+00	.187	-1.230
50.	5000.	.6459E-01	.3854E+00	.168	-1.201
55.	5000.	.7132E-01	.4792E+00	.149	-1.175
60.	5000.	.7792E-01	.5941E+00	.131	-1.151
65.	5000.	.8438E-01	.7355E+00	.115	-1.130
70.	5000.	.9070E-01	.9098E+00	.100	-1.111
75.	5000.	.9688E-01	.1125E+01	.086	-1.094
80.	5000.	.1029E+00	.1391E+01	.074	-1.080
85.	5000.	.1088E+00	.1719E+01	.063	-1.068
90.	5000.	.1146E+00	.2125E+01	.054	-1.057
95.	5000.	.1202E+00	.2627E+01	.046	-1.048
100.	5000.	.1257E+00	.3246E+01	.039	-1.040
105.	5000.	.1311E+00	.4011E+01	.033	-1.034
110.	5000.	.1363E+00	.4955E+01	.028	-1.028
115.	5000.	.1415E+00	.6119E+01	.023	-1.024
120.	5000.	.1465E+00	.7553E+01	.019	-1.020

1500 F BIAxIAL UXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	5200.	.3326E-03	.2622E-02	.118	-1.134
2.	5200.	.9708E-03	.7350E-02	.132	-1.152
3.	5200.	.1803E-02	.1280E-01	.141	-1.164
4.	5200.	.2780E-02	.1897E-01	.147	-1.172
5.	5200.	.3872E-02	.2574E-01	.150	-1.177
10.	5200.	.1046E-01	.6015E-01	.174	-1.210
15.	5200.	.1814E-01	.9166E-01	.198	-1.247
20.	5200.	.2635E-01	.1258E+00	.209	-1.265
25.	5200.	.3484E-01	.1664E+00	.209	-1.265
30.	5200.	.4343E-01	.2161E+00	.201	-1.251
35.	5200.	.5204E-01	.2778E+00	.187	-1.230
40.	5200.	.6059E-01	.3546E+00	.171	-1.206
45.	5200.	.6906E-01	.4498E+00	.154	-1.181
50.	5200.	.7741E-01	.5678E+00	.136	-1.158
55.	5200.	.8562E-01	.7136E+00	.120	-1.136
60.	5200.	.9369E-01	.8945E+00	.105	-1.117
65.	5200.	.1016E+00	.1120E+01	.091	-1.100
70.	5200.	.1093E+00	.1400E+01	.078	-1.085
75.	5200.	.1169E+00	.1749E+01	.067	-1.072
80.	5200.	.1244E+00	.2186E+01	.057	-1.060
85.	5200.	.1316E+00	.2736E+01	.048	-1.051
90.	5200.	.1387E+00	.3409E+01	.041	-1.042
95.	5200.	.1457E+00	.4256E+01	.034	-1.035
100.	5200.	.1525E+00	.5311E+01	.029	-1.030
105.	5200.	.1591E+00	.6627E+01	.024	-1.025
110.	5200.	.1656E+00	.8264E+01	.020	-1.020
115.	5200.	.1719E+00	.1030E+02	.017	-1.017
120.	5200.	.1781E+00	.1283E+02	.014	-1.014

1500 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	5400.	.3577E-03		.3650E+02	.098	-1.104
2.	5400.	.1058E-02		.9480E+02	.112	-1.126
3.	5400.	.1981E-02		.1639E+01	.121	-1.137
4.	5400.	.3072E-02		.2412E+01	.127	-1.146
5.	5400.	.4296E-02		.3250E+01	.133	-1.152
10.	5400.	.1176E-01		.7546E+01	.156	-1.165
15.	5400.	.2054E-01		.1166E+00	.176	-1.214
20.	5400.	.2999E-01		.1624E+00	.185	-1.226
25.	5400.	.3980E-01		.2174E+00	.183	-1.224
30.	5400.	.4976E-01		.2853E+00	.174	-1.211
35.	5400.	.5977E-01		.3695E+00	.162	-1.193
40.	5400.	.6975E-01		.4743E+00	.147	-1.172
45.	5400.	.7964E-01		.6043E+00	.132	-1.152
50.	5400.	.8941E-01		.7651E+00	.117	-1.132
55.	5400.	.9903E-01		.9637E+00	.103	-1.115
60.	5400.	.1085E+00		.1210E+01	.090	-1.099
65.	5400.	.1178E+00		.1516E+01	.078	-1.084
70.	5400.	.1264E+00		.1899E+01	.067	-1.072
75.	5400.	.1359E+00		.2377E+01	.057	-1.061
80.	5400.	.1446E+00		.2975E+01	.049	-1.051
85.	5400.	.1532E+00		.3723E+01	.041	-1.043
90.	5400.	.1616E+00		.4661E+01	.035	-1.036
95.	5400.	.1698E+00		.5635E+01	.029	-1.030
100.	5400.	.1778E+00		.7306E+01	.024	-1.025
105.	5400.	.1857E+00		.9146E+01	.020	-1.021
110.	5400.	.1934E+00		.1145E+02	.017	-1.017
115.	5400.	.2009E+00		.1433E+02	.014	-1.014
120.	5400.	.2082E+00		.1793E+02	.012	-1.012

1500 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	5600.	.3770E-03		.4644E+02	.081	-1.088
2.	5600.	.1127E-02		.1176E+01	.096	-1.106
3.	5600.	.2122E-02		.1981E+01	.107	-1.120
4.	5600.	.3303E-02		.2844E+01	.116	-1.131
5.	5600.	.4634E-02		.3750E+01	.124	-1.141
10.	5600.	.1281E-01		.8430E+01	.152	-1.174
15.	5600.	.2249E-01		.1332E+00	.169	-1.203
20.	5600.	.3296E-01		.1900E+00	.174	-1.210
25.	5600.	.4386E-01		.2587E+00	.170	-1.204
30.	5600.	.5497E-01		.3428E+00	.160	-1.191
35.	5600.	.6615E-01		.4461E+00	.148	-1.174
40.	5600.	.7731E-01		.5725E+00	.135	-1.156
45.	5600.	.8839E-01		.7267E+00	.122	-1.138
50.	5600.	.9935E-01		.9140E+00	.109	-1.122
55.	5600.	.1102E+00		.1141E+01	.097	-1.107
60.	5600.	.1208E+00		.1418E+01	.085	-1.093
65.	5600.	.1313E+00		.1758E+01	.075	-1.081
70.	5600.	.1416E+00		.2179E+01	.065	-1.069
75.	5600.	.1516E+00		.2701E+01	.056	-1.054
80.	5600.	.1615E+00		.3350E+01	.048	-1.051
85.	5600.	.1712E+00		.4160E+01	.041	-1.043
90.	5600.	.1807E+00		.5171E+01	.035	-1.036
95.	5600.	.1900E+00		.6434E+01	.030	-1.030
100.	5600.	.1990E+00		.8014E+01	.025	-1.025
105.	5600.	.2079E+00		.9992E+01	.021	-1.021
110.	5600.	.2166E+00		.1247E+02	.017	-1.018
115.	5600.	.2251E+00		.1557E+02	.014	-1.015
120.	5600.	.2335E+00		.1946E+02	.012	-1.012

1500 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978
 LENGTH 1500 F OXY BIAxIAL ENGR 1978

-4.60500E+00	4.78800E+00	0.	0.	0.	0.	3
0.	5.56200E+03	0.	0.	0.	0.	4
0.	5.56200E+03	0.	0.	0.	0.	5
1.40010E+01	9.64451E-04	3.76074E-06	2.05823E-04	-1.39980E+01	1.36422E-03	6
2.74042E-03	1.55017E-04	-1.39999E+01	8.35043E-01	3.68819E-06	2.70568E-05	7
-1.47272E+00	8.45212E-01	5.06426E-04	4.16876E-05	0.	0.	8
DIAMETER 1500 F OXY BIAxIAL ENGR 1978						9
-4.60500E+00	1.39000E+00	2.08000E+00	3.92000E+00	4.80000E+00	0.	2
0.	3.99820E+03	5.80010E+03	0.	0.	0.	3
0.	3.99820E+03	5.80010E+03	0.	0.	0.	4
1.39837E+01	-1.23362E-01	1.56758E-05	7.25833E-04	-1.39358E+01	-7.08743E-02	5
7.44939E-03	1.45590E-03	-1.39963E+01	-8.61227E-02	8.36927E-03	1.09720E-03	6
-1.38713E+01	3.37290E-01	9.93557E-03	1.29055E-03	-1.35554E+01	2.19457E-01	7
1.07979E-02	-1.79255E-04	-1.40095E+01	1.59623E+00	9.27558E-06	5.74119E-04	8
-5.81687E+00	9.23280E-01	1.10451E-03	3.50008E-04	-5.18908E+00	9.58610E-01	9
1.31867E-03	1.47344E-04	-3.11758E+00	1.16436E+00	1.58042E-03	8.95962E-04	10
-1.50719E+00	3.20429E+00	2.40233E-03	1.99136E-03	-1.39559E+01	2.58872E+00	11
4.65820E-05	2.35358E-04	-3.48756E+00	1.07514E+00	6.17483E-05	-1.08262E-03	12
-2.75587E+00	1.08849E+00	-5.68460E-04	-3.51795E-04	-4.79673E-02	2.04918E+00	13
-3.16007E-04	-1.42833E-03	2.80429E+00	5.25613E+00	-2.03476E-03	-1.27139E-03	14
						15
						16

500	398.0							
500	393.0	1483.0	-0.8	0.43657	0.5961E-02	1.40613	0.4421E-02	22.0
500	393.5	1482.6	-0.8	0.43659	0.6006E-02	1.40602	0.4344E-02	22.2
500	394.0	1483.4	-0.8	0.43659	0.5991E-02	1.40606	0.4388E-02	22.1
500	394.5	1483.4	-0.8	0.43660	0.6020E-02	1.40605	0.4366E-02	22.1
500	395.0	1483.2	-0.8	0.43654	0.5886E-02	1.40605	0.4366E-02	22.4
500	395.5	1484.8	-0.8	0.43660	0.6020E-02	1.40619	0.4443E-02	22.4
500	396.0	1483.8	-0.8	0.43664	0.6110E-02	1.40615	0.4437E-02	22.4
500	396.5	1484.4	-0.8	0.43667	0.6170E-02	1.40615	0.4432E-02	22.3
500	397.0	1484.8	-0.8	0.43663	0.6095E-02	1.40619	0.4454E-02	22.3
500	397.5	1484.8	-0.8	0.43661	0.6035E-02	1.40615	0.4437E-02	22.4
500	398.0	1482.6	-0.8	0.43707	0.7096E-02	1.40604	0.4393E-02	629.4
500	398.5	1475.0	-0.8	0.43751	0.8127E-02	1.40590	0.4255E-02	702.1
500	399.0	1474.4	-0.8	0.43799	0.9217E-02	1.40564	0.4107E-02	702.8
500	399.5	1477.2	-0.8	0.43845	0.1028E-01	1.40555	0.4007E-02	702.3
500	400.0	1479.6	-0.8	0.43891	0.1134E-01	1.40544	0.3963E-02	702.4
500	400.5	1481.0	-0.8	0.43935	0.1235E-01	1.40511	0.3693E-02	702.7
500	401.0	1483.8	-0.8	0.43979	0.1337E-01	1.40494	0.3572E-02	703.0
500	401.5	1487.8	-0.8	0.44022	0.1436E-01	1.40460	0.3324E-02	703.6
500	402.0	1487.4	-0.8	0.44080	0.1570E-01	1.40440	0.3186E-02	704.0
500	402.5	1490.6	-0.8	0.44133	0.1691E-01	1.40419	0.3037E-02	704.2
500	403.0	1489.2	-0.8	0.44183	0.1806E-01	1.40386	0.2800E-02	703.9
500	403.5	1491.2	-0.8	0.44235	0.1927E-01	1.40355	0.2574E-02	704.2
500	404.0	1491.0	-0.8	0.44292	0.2059E-01	1.40335	0.2431E-02	703.6
500	404.5	1491.6	-0.8	0.44350	0.2192E-01	1.40305	0.2221E-02	704.6
500	405.0	1492.8	-0.8	0.44415	0.2341E-01	1.40274	0.2001E-02	704.6
500	405.5	1493.6	-0.8	0.44476	0.2481E-01	1.40246	0.1797E-02	704.5
500	406.0	1493.0	-0.8	0.44538	0.2625E-01	1.40223	0.1637E-02	704.3
500	406.5	1493.8	-0.8	0.44605	0.2780E-01	1.40187	0.1378E-02	704.6
500	407.0	1493.0	-0.8	0.44673	0.2936E-01	1.40137	0.1020E-02	704.7
500	407.5	1495.4	-0.8	0.44739	0.3088E-01	1.40096	0.7276E-03	704.7
500	408.0	1495.2	-0.8	0.44810	0.3252E-01	1.40061	0.4740E-03	704.5
500	408.5	1495.0	-0.8	0.44895	0.3446E-01	-9.99900	-.9499E+04	704.2
500	409.0	1498.0	-0.8	0.44968	0.3615E-01	-9.99900	-.9499E+04	704.0
500	409.5	1498.2	-0.8	0.45046	0.3796E-01	-9.99900	-.9499E+04	704.0
500	410.0	1498.2	-0.8	0.45131	0.3992E-01	-9.99900	-.9499E+04	703.8
500	410.5	1498.0	-0.8	0.45212	0.4177E-01	-9.99900	-.9499E+04	703.9
500	411.0	1497.0	-0.8	0.45298	0.4377E-01	-9.99900	-.9499E+04	703.8
500	411.5	1500.2	-0.8	0.45389	0.4585E-01	-9.99900	-.9499E+04	703.2
500	412.0	1499.4	-0.8	0.45479	0.4794E-01	-9.99900	-.9499E+04	703.3
500	412.5	1498.8	-0.8	0.45573	0.5011E-01	-9.99900	-.9499E+04	703.1
500	413.0	1498.0	-0.8	0.45668	0.5229E-01	-9.99900	-.9499E+04	702.7
500	413.5	1500.2	-0.8	0.45773	0.5471E-01	-9.99900	-.9499E+04	702.5
500	414.0	1500.8	-0.8	0.45869	0.5692E-01	-9.99900	-.9499E+04	701.9
500	414.5	1499.8	-0.8	0.45973	0.5932E-01	1.44439	0.3532E-01	702.1
500	415.0	1498.6	-0.8	0.46079	0.6176E-01	1.23242	-.1197E+00	701.4
500	415.5	1498.8	-0.8	0.46170	0.6386E-01	1.29415	-.7557E-01	700.6
500	416.0	1498.2	-0.8	0.46318	0.6727E-01	1.38375	-.1157E-01	699.9

501	190.5						
501	185.5	1506.6	-0.8	0.43593	0.6105E-02	1.42521	0.4664E-02 21.6
501	186.0	1505.8	-0.8	0.43595	0.6150E-02	1.42518	0.4848E-02 21.7
501	186.5	1503.0	-0.8	0.43596	0.6165E-02	1.42514	0.4853E-02 21.6
501	187.0	1502.0	-0.8	0.43596	0.6165E-02	1.42541	0.5006E-02 21.7
501	187.5	1501.0	-0.8	0.43578	0.5761E-02	1.42531	0.4935E-02 21.7
501	188.0	1496.8	-0.8	0.43586	0.5940E-02	1.42526	0.4914E-02 21.4
501	188.5	1495.8	-0.8	0.43589	0.6015E-02	1.42531	0.4935E-02 21.6
501	189.0	1496.0	-0.8	0.43591	0.6045E-02	1.42526	0.4902E-02 21.6
501	189.5	1493.8	-0.8	0.43588	0.5985E-02	1.42549	0.5065E-02 21.5
501	190.0	1492.4	-0.8	0.43578	0.5746E-02	1.42528	0.4913E-02 21.9
501	190.5	1491.2	-0.8	0.43597	0.6195E-02	1.42513	0.4810E-02 254.5
501	191.0	1487.2	-0.8	0.43615	0.6614E-02	1.42531	0.4940E-02 254.4
501	191.5	1488.2	-0.8	0.43609	0.6479E-02	1.42536	0.4973E-02 261.1
501	192.0	1488.2	-0.8	0.43622	0.6753E-02	1.42535	0.4962E-02 262.6
501	192.5	1489.8	-0.8	0.43622	0.6778E-02	1.42552	0.5082E-02 263.5
501	193.0	1491.6	-0.8	0.43638	0.7137E-02	1.42543	0.5022E-02 264.3
501	193.5	1491.0	-0.8	0.43632	0.7003E-02	1.42542	0.5011E-02 265.2
501	194.0	1491.2	-0.8	0.43630	0.6943E-02	1.42543	0.5022E-02 265.5
501	194.5	1490.8	-0.8	0.43638	0.7137E-02	1.42536	0.4973E-02 266.1
501	195.0	1491.4	-0.8	0.43646	0.7332E-02	1.42550	0.5071E-02 266.8
501	195.5	1490.4	-0.8	0.43650	0.7407E-02	1.42555	0.5104E-02 267.3
501	196.0	1492.2	-0.8	0.43650	0.7422E-02	1.42551	0.5076E-02 267.5
501	196.5	1493.2	-0.8	0.43660	0.7646E-02	1.42541	0.5006E-02 267.9
501	197.0	1492.6	-0.8	0.43667	0.7811E-02	1.42561	0.5147E-02 268.5
501	197.5	1491.8	-0.8	0.43670	0.7871E-02	1.42550	0.5071E-02 268.5
501	198.0	1491.6	-0.8	0.43679	0.8080E-02	1.42563	0.5163E-02 269.3
501	198.5	1493.2	-0.8	0.43681	0.8140E-02	1.42569	0.5201E-02 269.1
501	199.0	1492.0	-0.8	0.43689	0.8304E-02	1.42572	0.5229E-02 269.6
501	199.5	1494.4	-0.8	0.43691	0.8364E-02	1.42579	0.5272E-02 269.8
501	200.0	1494.2	-0.8	0.43694	0.8424E-02	1.42562	0.5158E-02 270.2
501	200.5	1496.0	-0.8	0.43695	0.8454E-02	1.42545	0.5038E-02 270.3
501	201.0	1494.4	-0.8	0.43702	0.8604E-02	1.42571	0.5218E-02 270.8
501	201.5	1494.8	-0.8	0.43710	0.8798E-02	1.42558	0.5131E-02 270.9
501	202.0	1495.2	-0.8	0.43711	0.8813E-02	1.42574	0.5239E-02 271.0
501	202.5	1496.6	-0.8	0.43719	0.9008E-02	1.42589	0.5346E-02 271.3
501	203.0	1496.8	-0.8	0.43716	0.8933E-02	1.42589	0.5346E-02 271.4
501	203.5	1497.6	-0.8	0.43727	0.9187E-02	1.42565	0.5180E-02 271.5
501	204.0	1498.6	-0.8	0.43725	0.9142E-02	1.42582	0.5294E-02 271.6
501	204.5	1499.6	-0.8	0.43730	0.9262E-02	1.42592	0.5365E-02 271.7
501	205.0	1498.2	-0.8	0.43732	0.9307E-02	1.42598	0.5408E-02 272.0
501	205.5	1498.6	-0.8	0.43742	0.9546E-02	1.42577	0.5261E-02 272.3
501	206.0	1500.2	-0.8	0.43735	0.9367E-02	1.42580	0.5283E-02 272.2
501	206.5	1501.4	-0.8	0.43744	0.9576E-02	1.42587	0.5332E-02 272.5
501	207.0	1499.2	-0.8	0.43744	0.9576E-02	1.42572	0.5229E-02 272.6
501	207.5	1499.8	-0.8	0.43749	0.9696E-02	1.42606	0.5460E-02 272.5
501	208.0	1500.0	-0.8	0.43756	0.9861E-02	1.42604	0.5490E-02 272.8
501	208.5	1499.8	-0.8	0.43755	0.9846E-02	1.42582	0.5299E-02 272.8
501	209.0	1500.4	-0.8	0.43757	0.9876E-02	1.42584	0.5310E-02 273.0
501	209.5	1496.4	-0.8	0.43767	0.1012E-01	1.42595	0.5366E-02 273.1
501	210.0	1499.0	-0.8	0.43763	0.1001E-01	1.42584	0.5346E-02 273.2
501	210.5	1497.8	-0.8	0.43776	0.1032E-01	1.42600	0.5424E-02 273.2
501	211.0	1499.0	-0.8	0.43777	0.1035E-01	1.42601	0.5430E-02 273.5
501	211.5	1497.6	-0.8	0.43783	0.1049E-01	1.42621	0.5571E-02 273.6
501	212.0	1500.0	-0.8	0.43786	0.1056E-01	1.42610	0.5495E-02 273.4
501	212.5	1499.8	-0.8	0.43792	0.1070E-01	1.42602	0.5441E-02 273.6
501	213.0	1501.4	-0.8	0.43795	0.1076E-01	1.42611	0.5501E-02 273.7
501	213.5	1500.2	-0.8	0.43802	0.1092E-01	1.42608	0.5479E-02 273.9
501	214.0	1500.2	-0.8	0.43800	0.1088E-01	1.42614	0.5555E-02 273.9
501	214.5	1500.6	-0.8	0.43809	0.1104E-01	1.42606	0.5465E-02 273.8

501	215.0	1499.4	-0.8	0.43812	0.1116E-01	1.42596	0.5397E-02	274.1
501	215.5	1499.0	-0.8	0.43814	0.1120E-01	1.42617	0.5544E-02	274.0
501	216.0	1498.4	-0.8	0.43819	0.1131E-01	1.42633	0.5653E-02	274.1
501	216.5	1498.4	-0.8	0.43819	0.1131E-01	1.42606	0.5468E-02	274.3
501	217.0	1499.8	-0.8	0.43825	0.1146E-01	1.42603	0.5446E-02	274.4
501	217.5	1498.6	-0.8	0.43829	0.1155E-01	1.42622	0.5577E-02	274.3
501	218.0	1501.6	-0.8	0.43833	0.1164E-01	1.42627	0.5615E-02	274.3
501	218.5	1499.6	-0.8	0.43838	0.1175E-01	1.42621	0.5571E-02	274.5
501	219.0	1501.4	-0.8	0.43839	0.1178E-01	1.42632	0.5647E-02	274.5
501	219.5	1499.2	-0.8	0.43846	0.1193E-01	1.42636	0.5675E-02	274.4
501	220.0	1499.2	-0.8	0.43849	0.1202E-01	1.42628	0.5620E-02	274.4
501	220.5	1498.6	-0.8	0.43846	0.1194E-01	1.42623	0.5588E-02	274.4
501	221.0	1499.0	-0.8	0.43851	0.1205E-01	1.42626	0.5609E-02	274.5
501	221.5	1496.4	-0.8	0.43857	0.1218E-01	1.42635	0.5669E-02	274.6
501	222.0	1497.4	-0.8	0.43870	0.1249E-01	1.42636	0.5675E-02	274.5
501	222.5	1497.0	-0.8	0.43862	0.1231E-01	1.42629	0.5626E-02	274.3
501	223.0	1499.8	-0.8	0.43873	0.1255E-01	1.42637	0.5686E-02	274.7
501	223.5	1498.8	-0.8	0.43877	0.1264E-01	1.42625	0.5599E-02	274.7
501	224.0	1500.6	-0.8	0.43885	0.1284E-01	1.42636	0.5680E-02	274.7
501	224.5	1498.6	-0.8	0.43887	0.1288E-01	1.42633	0.5658E-02	274.8
501	225.0	1499.4	-0.8	0.43892	0.1299E-01	1.42629	0.5631E-02	274.8
501	225.5	1500.2	-0.8	0.43895	0.1308E-01	1.42640	0.5702E-02	274.8
501	226.0	1500.2	-0.8	0.43895	0.1308E-01	1.42623	0.5586E-02	274.8
501	226.5	1500.4	-0.8	0.43904	0.1329E-01	1.42643	0.5724E-02	274.8
501	227.0	1500.0	-0.8	0.43902	0.1323E-01	1.42630	0.5637E-02	275.0
501	227.5	1499.6	-0.8	0.43899	0.1317E-01	1.42634	0.5664E-02	275.0
501	228.0	1501.6	-0.8	0.43908	0.1338E-01	1.42641	0.5713E-02	274.9
501	228.5	1499.6	-0.8	0.43914	0.1350E-01	1.42656	0.5816E-02	275.0
501	229.0	1500.0	-0.8	0.43919	0.1363E-01	1.42645	0.5740E-02	275.0
501	229.5	1499.4	-0.8	0.43919	0.1362E-01	1.42646	0.5751E-02	275.1
501	230.0	1500.0	-0.8	0.43923	0.1371E-01	1.42647	0.5756E-02	275.0
501	230.5	1500.8	-0.8	0.43931	0.1390E-01	1.42660	0.5843E-02	275.2
501	231.0	1499.8	-0.8	0.43932	0.1393E-01	1.42657	0.5827E-02	275.2
501	231.5	1501.4	-0.8	0.43935	0.1399E-01	1.42657	0.5822E-02	275.1
501	232.0	1501.4	-0.8	0.43940	0.1411E-01	1.42637	0.5686E-02	275.2
501	232.5	1499.4	-0.8	0.43937	0.1404E-01	1.42638	0.5691E-02	275.2
501	233.0	1499.6	-0.8	0.43941	0.1413E-01	1.42648	0.5762E-02	275.3
501	233.5	1501.6	-0.8	0.43952	0.1439E-01	1.42646	0.5751E-02	275.5
501	234.0	1502.0	-0.8	0.43952	0.1439E-01	1.42636	0.5675E-02	275.2
501	234.5	1501.4	-0.8	0.43964	0.1466E-01	1.42662	0.5860E-02	275.4
501	235.0	1501.4	-0.8	0.43964	0.1466E-01	1.42651	0.5784E-02	275.4
501	235.5	1499.8	-0.8	0.43968	0.1475E-01	1.42638	0.5691E-02	274.9
501	236.0	1500.6	-0.8	0.43970	0.1480E-01	1.42653	0.5800E-02	275.3
501	236.5	1499.6	-0.8	0.43975	0.1490E-01	1.42657	0.5827E-02	275.6
501	237.0	1501.8	-0.8	0.43982	0.1508E-01	1.42662	0.5860E-02	275.3
501	237.5	1499.4	-0.8	0.43984	0.1513E-01	1.42674	0.5947E-02	275.6
501	238.0	1502.0	-0.8	0.43995	0.1538E-01	1.42663	0.5865E-02	275.5
501	238.5	1501.0	-0.8	0.43998	0.1546E-01	1.42670	0.5914E-02	275.4
501	239.0	1500.4	-0.8	0.43998	0.1544E-01	1.42667	0.5896E-02	275.6
501	239.5	1501.4	-0.8	0.43995	0.1536E-01	1.42656	0.5816E-02	275.6
501	240.0	1501.6	-0.8	0.44000	0.1550E-01	1.42670	0.5920E-02	275.7
501	240.5	1501.8	-0.8	0.44007	0.1565E-01	1.42688	0.6045E-02	275.5
501	241.0	1502.4	-0.8	0.44013	0.1579E-01	1.42659	0.5638E-02	275.5
501	241.5	1502.2	-0.8	0.44004	0.1559E-01	1.42673	0.5936E-02	275.6
501	242.0	1501.4	-0.8	0.44015	0.1583E-01	1.42680	0.5990E-02	275.6
501	242.5	1502.2	-0.8	0.44022	0.1601E-01	1.42680	0.5985E-02	275.7
501	243.0	1502.8	-0.8	0.44016	0.1586E-01	1.42673	0.5941E-02	275.7
501	243.5	1502.6	-0.8	0.44032	0.1622E-01	1.42678	0.5974E-02	275.5
501	244.0	1502.4	-0.8	0.44034	0.1628E-01	1.42676	0.5958E-02	275.7
501	244.5	1502.8	-0.8	0.44042	0.1646E-01	1.42694	0.6086E-02	275.4

501	245.0	1501.6	-0.8	0.44041	0.1643E-01	1.42680	0.5990E-02	275.7
501	245.5	1502.2	-0.8	0.44042	0.1646E-01	1.42680	0.6028E-02	275.6
501	246.0	1500.0	-0.8	0.44046	0.1655E-01	1.42675	0.5952E-02	275.7
501	246.5	1499.4	-0.8	0.44057	0.1680E-01	1.42688	0.6045E-02	275.8
501	247.0	1499.6	-0.8	0.44059	0.1685E-01	1.42667	0.5892E-02	275.8
501	247.5	1500.6	-0.8	0.44064	0.1697E-01	1.42677	0.5969E-02	275.8
501	248.0	1498.2	-0.8	0.44069	0.1709E-01	1.42693	0.6077E-02	275.8
501	248.5	1500.6	-0.8	0.44067	0.1703E-01	1.42696	0.6099E-02	275.8
501	249.0	1499.2	-0.8	0.44067	0.1704E-01	1.42703	0.6148E-02	275.8
501	249.5	1499.4	-0.8	0.44073	0.1718E-01	1.42678	0.5974E-02	275.8
501	250.0	1500.0	-0.8	0.44076	0.1725E-01	1.42683	0.6007E-02	275.7
501	250.5	1501.2	-0.8	0.44083	0.1742E-01	1.42704	0.6154E-02	275.8
501	251.0	1499.8	-0.8	0.44084	0.1743E-01	1.42686	0.6028E-02	275.5
501	251.5	1498.4	-0.8	0.44092	0.1761E-01	1.42693	0.6077E-02	275.8
501	252.0	1500.2	-0.8	0.44090	0.1757E-01	1.42702	0.6143E-02	275.4
501	252.5	1500.0	-0.8	0.44091	0.1758E-01	1.42716	0.6241E-02	275.9
501	253.0	1500.8	-0.8	0.44096	0.1772E-01	1.42697	0.6110E-02	275.9
501	253.5	1499.0	-0.8	0.44105	0.1793E-01	1.42699	0.6121E-02	275.9
501	254.0	1499.6	-0.8	0.44107	0.1797E-01	1.42692	0.6072E-02	275.8
501	254.5	1500.2	-0.8	0.44110	0.1803E-01	1.42684	0.6015E-02	275.8
501	255.0	1501.6	-0.8	0.44111	0.1806E-01	1.42707	0.6175E-02	275.8
501	255.5	1500.2	-0.8	0.44115	0.1814E-01	1.42694	0.6083E-02	275.8
501	256.0	1499.0	-0.8	0.44114	0.1812E-01	1.42711	0.6208E-02	275.8
501	256.5	1500.0	-0.8	0.44114	0.1812E-01	1.42698	0.6115E-02	275.8
501	257.0	1499.2	-0.8	0.44124	0.1834E-01	1.42710	0.6197E-02	275.9
501	257.5	1501.6	-0.8	0.44129	0.1848E-01	1.42733	0.6360E-02	275.8
501	258.0	1499.0	-0.8	0.44131	0.1851E-01	1.42718	0.6257E-02	275.8
501	258.5	1502.4	-0.8	0.44137	0.1866E-01	1.42710	0.6197E-02	275.9
501	259.0	1500.4	-0.8	0.44144	0.1882E-01	1.42709	0.6192E-02	275.8
501	259.5	1498.2	-0.8	0.44146	0.1887E-01	1.42716	0.6241E-02	275.7
501	260.0	1499.8	-0.8	0.44146	0.1885E-01	1.42715	0.6235E-02	275.8
501	260.5	1499.6	-0.8	0.44150	0.1894E-01	1.42720	0.6268E-02	275.7
501	261.0	1498.4	-0.8	0.44153	0.1902E-01	1.42721	0.6279E-02	275.9
501	261.5	1499.0	-0.8	0.44161	0.1920E-01	1.42709	0.6192E-02	275.9
501	262.0	1498.4	-0.8	0.44160	0.1918E-01	1.42707	0.6181E-02	276.0
501	262.5	1498.0	-0.8	0.44162	0.1923E-01	1.42709	0.6192E-02	275.8
501	263.0	1497.6	-0.8	0.44177	0.1957E-01	1.42707	0.6175E-02	275.7
501	263.5	1497.2	-0.8	0.44177	0.1957E-01	1.42737	0.6388E-02	275.7
501	264.0	1499.6	-0.8	0.44172	0.1947E-01	1.42715	0.6235E-02	275.9
501	264.5	1500.0	-0.8	0.44176	0.1956E-01	1.42704	0.6159E-02	275.9
501	265.0	1498.8	-0.8	0.44177	0.1959E-01	1.42738	0.6393E-02	275.8
501	265.5	1501.2	-0.8	0.44180	0.1955E-01	1.42721	0.6279E-02	275.8
501	266.0	1499.2	-0.8	0.44188	0.1983E-01	1.42727	0.6317E-02	275.8
501	266.5	1501.0	-0.8	0.44188	0.1984E-01	1.42717	0.6246E-02	275.8
501	267.0	1500.2	-0.8	0.44199	0.2010E-01	1.42719	0.6262E-02	275.8
501	267.5	1498.2	-0.8	0.44201	0.2014E-01	1.42724	0.6295E-02	275.9
501	268.0	1499.2	-0.8	0.44203	0.2017E-01	1.42709	0.6192E-02	275.8
501	268.5	1499.6	-0.8	0.44205	0.2022E-01	1.42717	0.6246E-02	276.0
501	269.0	1500.2	-0.8	0.44205	0.2023E-01	1.42723	0.6290E-02	275.7
501	269.5	1499.8	-0.8	0.44211	0.2036E-01	1.42747	0.6458E-02	275.8
501	270.0	1499.8	-0.8	0.44216	0.2047E-01	1.42753	0.6502E-02	275.9
501	270.5	1500.8	-0.8	0.44222	0.2062E-01	1.42716	0.6241E-02	275.8
501	271.0	1500.4	-0.8	0.44215	0.2045E-01	1.42738	0.6396E-02	275.9
501	271.5	1500.0	-0.8	0.44216	0.2048E-01	1.42747	0.6458E-02	275.9
501	272.0	1499.4	-0.8	0.44227	0.2072E-01	1.42731	0.6349E-02	275.8
501	272.5	1500.0	-0.8	0.44234	0.2089E-01	1.42726	0.6311E-02	275.8
501	273.0	1499.0	-0.8	0.44233	0.2086E-01	1.42730	0.6339E-02	275.8
501	273.5	1499.0	-0.8	0.44238	0.2096E-01	1.42725	0.6300E-02	275.8
501	274.0	1498.4	-0.8	0.44240	0.2104E-01	1.42758	0.6334E-02	275.8
501	274.5	1499.0	-0.8	0.44241	0.2105E-01	1.42727	0.6317E-02	275.9

501	275.0	1501.0	-0.8	0.44251	0.2129E-01	1.42747	0.6458E-02	275.9
501	275.5	1499.4	-0.8	0.44251	0.2128E-01	1.42745	0.6447E-02	275.8
501	276.0	1499.8	-0.8	0.44249	0.2125E-01	1.42751	0.6485E-02	275.8
501	276.5	1499.6	-0.8	0.44261	0.2152E-01	1.42744	0.6436E-02	275.9
501	277.0	1498.6	-0.8	0.44260	0.2150E-01	1.42734	0.6371E-02	275.8
501	277.5	1500.0	-0.8	0.44261	0.2152E-01	1.42745	0.6447E-02	275.8
501	278.0	1499.2	-0.8	0.44271	0.2176E-01	1.42748	0.6469E-02	275.8
501	278.5	1499.4	-0.8	0.44269	0.2171E-01	1.42740	0.6409E-02	275.7
501	279.0	1500.6	-0.8	0.44273	0.2179E-01	1.42757	0.6529E-02	275.8
501	279.5	1498.8	-0.8	0.44279	0.2192E-01	1.42757	0.6529E-02	275.8
501	280.0	1498.8	-0.8	0.44285	0.2207E-01	1.42768	0.6605E-02	276.0
501	280.5	1499.2	-0.8	0.44284	0.2206E-01	1.42752	0.6490E-02	276.0
501	281.0	1497.8	-0.8	0.44289	0.2216E-01	1.42755	0.6510E-02	275.7
501	281.5	1499.8	-0.8	0.44288	0.2213E-01	1.42779	0.6687E-02	275.7
501	282.0	1498.2	-0.8	0.44290	0.2218E-01	1.42734	0.6566E-02	275.6
501	282.5	1499.2	-0.8	0.44301	0.2244E-01	1.42728	0.6320E-02	275.6
501	283.0	1499.0	-0.8	0.44310	0.2264E-01	1.42733	0.6500E-02	275.7
501	283.5	1500.6	-0.8	0.44310	0.2264E-01	1.42742	0.6425E-02	275.7
501	284.0	1501.2	-0.8	0.44310	0.2264E-01	1.42740	0.6404E-02	275.9
501	284.5	1500.6	-0.8	0.44310	0.2264E-01	1.42751	0.6491E-02	276.0
501	285.0	1502.4	-0.8	0.44316	0.2277E-01	1.42761	0.6562E-02	275.9
501	285.5	1499.8	-0.8	0.44326	0.2301E-01	1.42748	0.6469E-02	275.7
501	286.0	1500.2	-0.8	0.44325	0.2300E-01	1.42747	0.6458E-02	275.9
501	286.5	1500.4	-0.8	0.44320	0.2268E-01	1.42785	0.6730E-02	275.8
501	287.0	1498.6	-0.8	0.44333	0.2318E-01	1.42758	0.6534E-02	275.8
501	287.5	1500.0	-0.8	0.44330	0.2310E-01	1.42739	0.6404E-02	275.7
501	288.0	1499.6	-0.8	0.44336	0.2325E-01	1.42768	0.6605E-02	275.7
501	288.5	1499.2	-0.8	0.44334	0.2321E-01	1.42777	0.6670E-02	275.8
501	289.0	1499.2	-0.8	0.44331	0.2313E-01	1.42755	0.6518E-02	275.7
501	289.5	1496.8	-0.8	0.44339	0.2331E-01	1.42758	0.6534E-02	275.9
501	290.0	1498.6	-0.8	0.44340	0.2333E-01	1.42795	0.6796E-02	275.7
501	290.5	1499.0	-0.8	0.44363	0.2397E-01	1.42758	0.6534E-02	276.0
501	291.0	1497.8	-0.8	0.44360	0.2379E-01	1.42768	0.6605E-02	275.6
501	291.5	1499.2	-0.8	0.44356	0.2372E-01	1.42761	0.6562E-02	275.7
501	292.0	1498.2	-0.8	0.44364	0.2388E-01	1.42771	0.6627E-02	275.6
501	292.5	1499.2	-0.8	0.44364	0.2388E-01	1.42761	0.6556E-02	275.6
501	293.0	1497.4	-0.8	0.44366	0.2394E-01	1.42762	0.6567E-02	275.8
501	293.5	1498.4	-0.8	0.44378	0.2421E-01	1.42782	0.6704E-02	275.8
501	294.0	1499.0	-0.8	0.44369	0.2400E-01	1.42767	0.6600E-02	275.9
501	294.5	1498.0	-0.8	0.44373	0.2411E-01	1.42780	0.6692E-02	275.7
501	295.0	1498.4	-0.8	0.44380	0.2426E-01	1.42783	0.6714E-02	275.8
501	295.5	1500.4	-0.8	0.44380	0.2426E-01	1.42784	0.6719E-02	275.9
501	296.0	1500.0	-0.8	0.44384	0.2436E-01	1.42778	0.6681E-02	275.8
501	296.5	1499.4	-0.8	0.44397	0.2466E-01	1.42776	0.6665E-02	275.6
501	297.0	1502.0	-0.8	0.44395	0.2460E-01	1.42784	0.6719E-02	275.9
501	297.5	1498.8	-0.8	0.44402	0.2478E-01	1.42765	0.6589E-02	275.8
501	298.0	1500.6	-0.8	0.44410	0.2496E-01	1.42772	0.6636E-02	275.6
501	298.5	1501.8	-0.8	0.44409	0.2493E-01	1.42765	0.6589E-02	275.7
501	299.0	1501.0	-0.8	0.44406	0.2485E-01	1.42778	0.6681E-02	275.7
501	299.5	1502.4	-0.8	0.44408	0.2491E-01	1.42785	0.6720E-02	275.7
501	300.0	1503.0	-0.8	0.44402	0.2476E-01	1.42792	0.6770E-02	275.9
501	300.5	1499.6	-0.8	0.44423	0.2526E-01	1.42775	0.6800E-02	275.8
501	301.0	1502.0	-0.8	0.44421	0.2520E-01	1.42798	0.6823E-02	275.5
501	301.5	1501.4	-0.8	0.44427	0.2535E-01	1.42792	0.6770E-02	275.8
501	302.0	1501.6	-0.8	0.44433	0.2548E-01	1.42787	0.6711E-02	275.8
501	302.5	1501.0	-0.8	0.44432	0.2545E-01	1.42793	0.6765E-02	275.7
501	303.0	1500.4	-0.8	0.44437	0.2557E-01	1.42790	0.6763E-02	275.9
501	303.5	1497.6	-0.8	0.44436	0.2556E-01	1.42781	0.6730E-02	275.7
501	304.0	1498.8	-0.8	0.44443	0.2572E-01	1.42800	0.6830E-02	275.6
501	304.5	1499.4	-0.8	0.44446	0.2580E-01	1.42785	0.6730E-02	275.8

501	305.0	1498.8	-0.8	0.44451	0.2590E-01	1.42788	0.6746E-02	275.8
501	305.5	1499.4	-0.8	0.44451	0.2590E-01	1.42788	0.6752E-02	275.9
501	306.0	1498.2	-0.8	0.44446	0.2578E-01	1.42793	0.6785E-02	275.8
501	306.5	1499.8	-0.8	0.44453	0.2595E-01	1.42777	0.6670E-02	275.8
501	307.0	1498.0	-0.8	0.44464	0.2620E-01	1.42758	0.6540E-02	275.8
501	307.5	1498.4	-0.8	0.44465	0.2623E-01	1.42782	0.6709E-02	275.7
501	308.0	1499.2	-0.8	0.44467	0.2626E-01	1.42778	0.6676E-02	275.7
501	308.5	1499.0	-0.8	0.44472	0.2638E-01	1.42794	0.6790E-02	275.6
501	309.0	1499.8	-0.8	0.44476	0.2647E-01	1.42781	0.6698E-02	276.0
501	309.5	1499.0	-0.8	0.44489	0.2676E-01	1.42758	0.6540E-02	275.6
501	310.0	1499.0	-0.8	0.44482	0.2662E-01	1.42778	0.6681E-02	275.7
501	310.5	1499.6	-0.8	0.44485	0.2668E-01	1.42779	0.6687E-02	275.8

C.2 : 1550°F Biaxial Constant Pressure Strain Data
(In 20% O₂ - 80% Ar 1 atm)

THIS PAGE
WAS INTENTIONALLY
LEFT BLANK

LENGTH 1550 F OXY BIAXIAL TRUE 1978

			.50	2421.02	.000045
1.00	2549.44	.000138	1.50	2549.76	.000287
2.00	2559.17	.000359	2.50	2565.97	.000370
3.00	2572.33	.000320	3.50	2574.28	.000337
4.00	2583.54	.000514	4.50	2586.84	.000575
5.00	2593.01	.000662	5.50	2596.39	.000524
6.00	2601.57	.000540	6.50	2601.53	.000590
7.00	2609.98	.000673	7.50	2613.80	.000684
8.00	2615.73	.000728	8.50	2620.24	.000811
9.00	2624.24	.000933	9.50	2625.83	.000993
10.00	2630.05	.000993	20.00	2708.96	.001831
30.00	379.73	1.000000	40.00	379.13	1.000000
50.00	378.72	1.000000	60.00	339.03	1.000000
.50	2086.71	.000003	1.00	2118.90	.000104
1.50	2135.58	.000110	2.00	2025.35	.048856
2.50	2141.85	.000072	3.00	2148.79	.000127
3.50	2151.17	.000190	4.00	2151.92	.000269
4.50	2134.16	.000155	5.00	2150.29	.000195
5.50	2158.89	.000258	6.00	2147.73	.000201
6.50	2162.68	.000195	7.00	2165.01	.000246
7.50	2167.44	.000269	8.00	2161.99	.000263
8.50	2170.45	.000258	9.00	2164.13	.000263
9.50	2177.02	.000405	10.00	2171.44	.000393
20.00	2227.88	.000655	30.00	2273.37	.000557
40.00	2333.28	.000852	50.00	2595.14	.007360
60.00	2473.84	.000923	70.00	2505.68	.016484
80.00	2646.30	.000070	90.00	123.64	.003358
.50	1914.60	.000131	1.00	1921.50	.000203
1.50	1926.97	.000251	2.00	1930.39	.000312
2.50	1929.21	.000350	3.00	1934.51	.000400
3.50	1936.52	.000405	4.00	1938.75	.000494
4.50	1939.42	.000538	5.00	1942.05	.000565
5.50	1943.20	.000620	6.00	1945.78	.000653
6.50	1947.14	.000697	7.00	1948.90	.000719
7.50	1952.35	.000785	8.00	1849.75	.046175
8.50	1953.94	.000920	9.00	1956.87	.001033
9.50	1957.45	.000923	10.00	1960.14	.000978
20.00	1990.27	.001654	30.00	2046.19	.002215
40.00	2099.25	.002842	50.00	2167.50	.003724
60.00	2240.86	.004376	70.00	2327.01	.005358
80.00	2430.42	.006236	90.00	2553.36	.007644
100.00	2714.32	.010272			
			.50	1610.16	.000238
1.00	1635.94	.000277	1.50	1640.06	.000326
2.00	1644.55	.000413	2.50	1646.97	.000485
3.00	1647.77	.000501	3.50	1650.65	.000495
4.00	1651.80	.000599	4.50	1652.89	.000665
5.00	1651.20	.000725	5.50	1655.92	.000791
6.00	1655.71	.000785	6.50	1656.27	.000818
7.00	1656.77	.000835	7.50	1657.38	.000944
8.00	1658.41	.000977	8.50	1659.64	.001037
9.00	1659.45	.001031	9.50	1660.81	.001108
10.00	1663.00	.001174	20.00	1686.85	.001944
30.00	1713.26	.002670	40.00	1744.00	.003529
50.00	1763.97	.004332	60.00	241.59	1.000000
70.00	1832.14	.006328	80.00	1951.17	.007557

90.00	2033.18	.008865	100.00	2139.11	.010274
110.00	2268.24	.011821			
			.50	1070.87	.006022
1.00	1094.59	.006115	1.50	1100.38	.006143
2.00	1103.46	.006248	2.50	1106.76	.006319
3.00	1107.28	.006297	3.50	1104.57	.006330
4.00	1110.34	.006380	4.50	1110.62	.006419
5.00	1110.21	.006485	5.50	1109.83	.006534
6.00	1107.78	.006567	6.50	1109.17	.006623
7.00	1107.65	.006711	7.50	1108.03	.006711
8.00	1107.81	.006733	8.50	1108.33	.006860
9.00	1107.84	.006865	9.50	1108.01	.006909
10.00	1109.40	.006932	20.00	1119.65	.007819
30.00	1127.79	.008414	40.00	1134.47	.009048
50.00	1143.41	.009512	60.00	1153.95	.010201
70.00	1162.28	.010635	80.00	1172.43	.011195
90.00	1179.91	.011615	100.00	1191.34	.012094
110.00	1127.21	.042736	120.00	1208.46	.012964

DIAMETER 1550 F OXY BIAXIAL TRUE 1978

.50	2421.02	.000403	1.00	2549.44	.001614
1.50	2549.76	.002391	2.00	2559.37	.003229
2.50	2565.97	.003771	3.00	2572.33	.004300
3.50	2574.28	.004870	4.00	2583.54	.005559
4.50	2586.84	.006218	5.00	2593.01	.006998
5.50	2596.39	.007297	6.00	2601.57	.007957
6.50	2601.53	.008256	7.00	2609.98	.009216
7.50	2613.80	.009625	8.00	2615.73	.010255
8.50	2620.24	.010884	9.00	2624.24	.011363
9.50	2625.83	.011963	10.00	2630.05	.012443
20.00	2708.96	.026383	30.00	379.73	.043962
40.00	379.13	.039928	50.00	378.72	.095728
60.00	339.03	.133684			
			.50	2086.71	.000615
1.00	2118.90	.000296	1.50	2135.58	.003634
2.00	2025.35	.004205	2.50	2141.85	.004830
3.00	2146.79	.005394	3.50	2151.17	.005984
4.00	2151.92	.006524	4.50	2134.16	.003033
5.00	2150.29	.006225	5.50	2152.89	.008103
6.00	2147.73	.005833	6.50	2162.68	.009063
7.00	2165.01	.009652	7.50	2167.44	.010141
8.00	2161.99	.009442	8.50	2170.45	.011191
9.00	2164.13	.009881	9.50	2177.02	.012181
10.00	2171.44	.011320	20.00	2222.88	.022334
30.00	2273.37	.032557	40.00	2333.28	.044180
50.00	2595.14	.055960	60.00	2473.84	.070521
70.00	2505.68	.085960	80.00	2646.30	.101617
90.00	123.64	.114456			
			.50	1916.60	.001272
1.00	1921.50	.002064	1.50	1926.97	.002677
2.00	1930.39	.003278	2.50	1929.21	.003768
3.00	1934.51	.004337	3.50	1936.52	.004797
4.00	1938.75	.005266	4.50	1939.42	.005716
5.00	1942.05	.006146	5.50	1943.20	.006686
6.00	1945.78	.007106	6.50	1947.14	.007555
7.00	1948.90	.007795	7.50	1952.35	.008395
8.00	1949.75	.008735	8.50	1953.94	.009168
9.00	1956.87	.009604	9.50	1957.45	.009944
10.00	1960.14	.010534	20.00	1999.27	.019148
30.00	2046.19	.029532	40.00	2099.25	.041285
50.00	2167.50	.054852	60.00	2240.86	.069717
70.00	2327.01	.086115	80.00	2430.42	.104661
90.00	2553.36	.126445	100.00	2714.32	.152726
.50	1610.16	.000745	1.00	1635.94	.001354
1.50	1640.06	.001393	2.00	1644.55	.002340
2.50	1646.97	.002774	3.00	1647.77	.003163
3.50	1650.65	.003579	4.00	1651.80	.004019
4.50	1652.89	.004289	5.00	1651.20	.004699
5.50	1655.92	.005209	6.00	1655.71	.005529
6.50	1656.27	.005839	7.00	1656.77	.006159
7.50	1657.38	.006438	8.00	1658.41	.006688
8.50	1659.64	.007188	9.00	1659.45	.007498
9.50	1660.81	.007829	10.00	1663.00	.008198
20.00	1686.85	.015245	30.00	1713.26	.022751
40.00	1744.00	.031167	50.00	1783.97	.040692
60.00	241.59	.051682	70.00	1882.14	.064349

80.00	1951.17	.079620	90.00	2033.18	.098099
100.00	2139.11	.119885	110.00	2268.24	.145868
.50	1070.87	.000536	1.00	1094.59	.001085
1.50	1100.38	.001235	2.00	1103.46	.001609
2.50	1106.76	.001803	3.00	1107.28	.002298
3.50	1109.57	.002386	4.00	1110.34	.002671
4.50	1110.62	.002761	5.00	1110.21	.003103
5.50	1104.83	.003465	6.00	1107.78	.003716
6.50	1109.17	.003975	7.00	1107.65	.004136
7.50	1108.03	.004015	8.00	1107.81	.004466
8.50	1108.33	.004886	9.00	1107.84	.004966
9.50	1108.71	.005006	10.00	1109.40	.005275
20.00	1119.65	.009184	30.00	1127.79	.012643
40.00	1134.47	.015762	50.00	1143.41	.019011
60.00	1153.95	.022469	70.00	1162.28	.025718
80.00	1172.43	.029297	90.00	1179.91	.032726
100.00	1191.34	.036225	110.00	1127.21	.039613
120.00	1208.46	.042952			

SPLINE,P2,T100.
ACCOUNT,PRP652,JATNA.
ATTACH(OLDLGO,SPLINELGO,TD=K8SBNW)
OLDLGO.

* .01 20. LFNGTH 1550 F OXY BIAXIAL ENGR 1978							2 3 4 5
-4.60500E+00	4.78800E+00	0.	0.	0.	0.	0.	
0.	2.55000E+03	0.	0.	0.	0.	0.	
0.00	0.00	0.000000	.50	1070.87	.006022		
1.00	1094.59	.006115	1.50	1094.59	.006143		
2.00	1094.59	.006248	2.50	1094.59	.006319		
3.00	1094.59	.006297	3.50	1094.59	.006330		
4.00	1094.59	.006380	4.50	1094.59	.006419		
5.00	1094.59	.006485	5.50	1094.59	.006534		
6.00	1094.59	.006567	6.50	1094.59	.006623		
7.00	1094.59	.006711	7.50	1094.59	.006711		
8.00	1094.59	.006733	8.50	1094.59	.006860		
9.00	1094.59	.006865	9.50	1094.59	.006909		
10.00	1094.59	.006932	20.00	1094.59	.007819		
30.00	1094.59	.008414	40.00	1094.59	.009048		
50.00	1094.59	.009512	60.00	1094.59	.010201		
70.00	1094.59	.010635	80.00	1094.59	.011195		
90.00	1094.59	.011615	100.00	1094.59	.012094		
110.00	1094.59	.042736	120.00	1094.59	.012964		
0.00	0.00	0.000000	.50	1610.16	.000238		
1.00	1635.94	.000277	1.50	1635.94	.000326		
2.00	1635.94	.000413	2.50	1635.94	.000485		
3.00	1635.94	.000501	3.50	1635.94	.000495		
4.00	1635.94	.000599	4.50	1635.94	.000665		
5.00	1635.94	.000725	5.50	1635.94	.000791		
6.00	1635.94	.000785	6.50	1635.94	.000818		
7.00	1635.94	.000835	7.50	1635.94	.000944		
8.00	1635.94	.000977	8.50	1635.94	.001037		
9.00	1635.94	.001031	9.50	1635.94	.001108		
10.00	1635.94	.001174	20.00	1635.94	.001944		
30.00	1635.94	.002670	40.00	1635.94	.003529		
50.00	1635.94	.004332	0.0	0.0	0.00000		
70.00	1635.94	.006328	80.00	1635.94	.007557		
90.00	1635.94	.008865	100.00	1635.94	.010274		
110.00	1635.94	.011821	0.00	0.00	0.00000		
.50	1921.50	.000131	1.00	1921.50	.000203		
1.50	1921.50	.000251	2.00	1921.50	.000312		
2.50	1921.50	.000350	3.00	1921.50	.000400		
3.50	1921.50	.000405	4.00	1921.50	.000494		
4.50	1921.50	.000538	5.00	1921.50	.000565		
5.50	1921.50	.000620	6.00	1921.50	.000653		
6.50	1921.50	.000697	7.00	1921.50	.000719		
7.50	1921.50	.000785	0.0	0.0	0.00000		
8.50	1921.50	.000920	9.00	1921.50	.001033		
9.50	1921.50	.000923	10.00	1921.50	.000978		
20.00	1921.50	.001654	30.00	1921.50	.002215		
40.00	1921.50	.002842	50.00	1921.50	.003724		
60.00	1921.50	.004376	70.00	1921.50	.005358		
80.00	1921.50	.006236	90.00	1921.50	.007644		
100.00	1921.50	.010272	0.00	0.00	0.00000		
0.0	0.0	0.0000	1.00	2118.90	.000104		
1.50	2118.90	.000110	0.0	0.0	0.00000		

2.50	2118.90	.000072	3.00	2118.90	.000127
3.50	2118.90	.000190	4.00	2118.90	.000269
4.50	2118.90	.000155	5.00	2118.90	.000195
5.50	2118.90	.000258	6.00	2118.90	.000201
6.50	2118.90	.000195	7.00	2118.90	.000246
7.50	2118.90	.000269	8.00	2118.90	.000263
8.50	2118.90	.000258	9.00	2118.90	.000263
9.50	2118.90	.000405	10.00	2118.90	.000393
20.00	2118.90	.000655	30.00	2118.90	.000557
40.00	2118.90	.000652	0.0	0.0	0.000000
0.00	0.00	0.000000	.50	2421.02	.000045
1.00	2549.44	.000138	1.50	2549.44	.000287
2.00	2549.44	.000359	2.50	2549.44	.000370
3.00	2549.44	.000320	3.50	2549.44	.000337
4.00	2549.44	.000514	4.50	2549.44	.000575
5.00	2549.44	.000662	5.50	2549.44	.000524
6.00	2549.44	.000540	6.50	2549.44	.000590
7.00	2549.44	.000673	7.50	2549.44	.000684
8.00	2549.44	.000728	8.50	2549.44	.000811
9.00	2549.44	.000933	9.50	2549.44	.000993
10.00	2549.44	.000993	20.00	2549.44	.001831

SPLINE,P2,T100.
ACCOUNT,PBP652,BATNW.
ATTACH(OLDIGO,SPLINELGO,ID=KRSRW)
OLDLGO.

*
.0001 20.
DIAMETER 1550 F OXY BIAXIAL ENGR 1978

5	-4.60500E+00	1.39000E+00	2.08000E+00	3.92000E+00	4.80000E+00	0.
3	0.	1.09460E+03	3.50010E+03	0.	0.	0.
0.	0.50	1094.59	.000536	1.00	1094.59	.001085
	1.50	1094.59	.001235	2.00	1094.59	.001609
	2.50	1094.59	.001803	3.00	1094.59	.002298
	3.50	1094.59	.002386	4.00	1094.59	.002671
	4.50	1094.59	.002761	5.00	1094.59	.003105
	5.50	1094.59	.003465	6.00	1094.59	.003716
	6.50	1094.59	.003975	7.00	1094.59	.004136
	7.50	1094.59	.004300	8.00	1094.59	.004466
	8.50	1094.59	.004886	9.00	1094.59	.004966
	9.50	1094.59	.005006	10.00	1094.59	.005275
	20.00	1094.59	.009184	30.00	1094.59	.012643
	40.00	1094.59	.015762	50.00	1094.59	.019011
	60.00	1094.59	.022469	70.00	1094.59	.025718
	80.00	1094.59	.029297	90.00	1094.59	.032726
	100.00	1094.59	.036225	110.00	1094.59	.039613
	120.00	1094.59	.042952	0.00	0.00	0.000000
	1.0	2118.90	.001400	2.0	2118.90	.002450
	3.0	2118.90	.003400	4.0	2118.90	.004300
	5.0	2118.90	.005100	6.0	2118.90	.006100
	7.0	2118.90	.006900	8.0	2118.90	.007800
	9.0	2118.90	.008500	10.0	2118.90	.009200
	20.0	2118.90	.018000	30.0	2118.90	.029000
	0.0	0.0	.000000	40.00	2118.90	.044180
	50.00	2118.90	.055960	60.00	2118.90	.070521
	70.00	2118.90	.085960	80.00	2118.90	.101617
	90.00	2118.90	.120000	0.0	0.0	.000000
	100.0	2118.90	.137000	110.0	2118.90	.150000
	120.0	2118.90	.170000	0.0	0.0	.000000
	0.50	2549.44	.000403	1.00	2549.44	.001614
	1.50	2549.44	.002391	2.00	2549.44	.003229
	2.50	2549.44	.003771	3.00	2549.44	.004300
	3.50	2549.44	.004870	4.00	2549.44	.005559
	4.50	2549.44	.006213	5.00	2549.44	.006998
	5.50	2549.44	.007297	6.00	2549.44	.007957
	6.50	2549.44	.008256	7.00	2549.44	.009216
	7.50	2549.44	.009625	8.00	2549.44	.010255
	8.50	2549.44	.010884	9.00	2549.44	.011363
	9.50	2549.44	.011963	10.00	2549.44	.012443
	20.00	2549.44	.026383	30.00	2549.44	.043962
	40.00	2549.44	.068000	50.00	2549.44	.095728
	60.00	2549.44	.133684	0.00	0.00	0.000000
	70.0	2549.44	.173000	80.0	2549.44	.215000
	90.0	2549.44	.245000	100.0	2549.44	.300000
	110.0	2549.44	.350000	120.0	2549.44	.400000
	1.0	3500.	.001500	2.0	3500.	.005450
	3.0	3500.	.009000	4.0	3500.	.011100
	5.0	3500.	.013200	6.0	3500.	.016800
	7.0	3500.	.020000	8.0	3500.	.022400
	9.0	3500.	.025000	10.0	3500.	.028500

2
3
4
5

20.0	3500.	.068000	40.0	3500.	.295000
30.0	3500.	.152000	0.0	0.0	.000000
50.0	3500.	.490000	60.0	3500.	.870000
70.0	3500.	1.320000	80.0	3500.	2.050000
90.0	3500.	2.800000	100.0	3500.	4.000000
110.0	3500.	6.400000	120.0	3500.	9.000000

1550 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TM
1.	100.	.1280E-05	.4128E-05	.310	-1.449
2.	100.	.1307E-05	.4981E-05	.275	-1.378
3.	100.	.1419E-05	.5502E-05	.258	-1.347
4.	100.	.1455E-05	.5876E-05	.248	-1.329
5.	100.	.1483E-05	.6164E-05	.241	-1.317
10.	100.	.1466E-05	.7034E-05	.223	-1.286
15.	100.	.1612E-05	.7503E-05	.215	-1.274
20.	100.	.1643E-05	.7800E-05	.211	-1.267
25.	100.	.1665E-05	.8003E-05	.208	-1.263
30.	100.	.1683E-05	.8148E-05	.207	-1.260
35.	100.	.1697E-05	.8253E-05	.206	-1.259
40.	100.	.1708E-05	.8330E-05	.205	-1.258
45.	100.	.1718E-05	.8386E-05	.205	-1.258
50.	100.	.1726E-05	.8427E-05	.205	-1.258
55.	100.	.1734E-05	.8458E-05	.205	-1.258
60.	100.	.1740E-05	.8494E-05	.205	-1.258
65.	100.	.1745E-05	.8546E-05	.204	-1.257
70.	100.	.1750E-05	.8619E-05	.203	-1.255
75.	100.	.1755E-05	.8719E-05	.201	-1.252
80.	100.	.1759E-05	.8847E-05	.199	-1.248
85.	100.	.1762E-05	.9005E-05	.196	-1.243
90.	100.	.1765E-05	.9193E-05	.192	-1.238
95.	100.	.1768E-05	.9412E-05	.188	-1.231
100.	100.	.1771E-05	.9664E-05	.183	-1.224
105.	100.	.1773E-05	.9948E-05	.178	-1.217
110.	100.	.1776E-05	.1027E-04	.173	-1.209
115.	100.	.1778E-05	.1062E-04	.167	-1.201
120.	100.	.1779E-05	.1101E-04	.162	-1.193

1550 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TM
1.	200.	.1945E-05	.1576E-04	.123	-1.141
2.	200.	.2210E-05	.2217E-04	.100	-1.111
3.	200.	.2383E-05	.2642E-04	.090	-1.099
4.	200.	.2505E-05	.2958E-04	.085	-1.093
5.	200.	.2600E-05	.3205E-04	.081	-1.088
10.	200.	.2898E-05	.3992E-04	.073	-1.078
15.	200.	.3068E-05	.4468E-04	.069	-1.074
20.	200.	.3184E-05	.4808E-04	.066	-1.071
25.	200.	.3270E-05	.5070E-04	.065	-1.069
30.	200.	.3338E-05	.5281E-04	.063	-1.067
35.	200.	.3394E-05	.5457E-04	.062	-1.066
40.	200.	.3439E-05	.5607E-04	.061	-1.065
45.	200.	.3478E-05	.5737E-04	.061	-1.065
50.	200.	.3512E-05	.5851E-04	.060	-1.064
55.	200.	.3541E-05	.5954E-04	.059	-1.063
60.	200.	.3566E-05	.6058E-04	.059	-1.063
65.	200.	.3589E-05	.6174E-04	.058	-1.062
70.	200.	.3609E-05	.6307E-04	.057	-1.061
75.	200.	.3627E-05	.6461E-04	.056	-1.059
80.	200.	.3643E-05	.6641E-04	.055	-1.058
85.	200.	.3657E-05	.6847E-04	.053	-1.056
90.	200.	.3671E-05	.7082E-04	.052	-1.055
95.	200.	.3683E-05	.7347E-04	.050	-1.053
100.	200.	.3693E-05	.7645E-04	.048	-1.051
105.	200.	.3703E-05	.7977E-04	.046	-1.049
110.	200.	.3713E-05	.8346E-04	.044	-1.047
115.	200.	.3721E-05	.8753E-04	.043	-1.044
120.	200.	.3729E-05	.9201E-04	.041	-1.042

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	300.	.2918E-05		.4643E-04	.062	-1.066
2.	300.	.3514E-05		.7413E-04	.048	-1.050
3.	300.	.3940E-05		.9363E-04	.042	-1.044
4.	300.	.4242E-05		.1086E-03	.039	-1.041
5.	300.	.4493E-05		.1206E-03	.037	-1.039
10.	300.	.5272E-05		.1804E-03	.033	-1.034
15.	300.	.5725E-05		.1875E-03	.031	-1.031
20.	300.	.6050E-05		.2081E-03	.029	-1.030
25.	300.	.6295E-05		.2248E-03	.028	-1.029
30.	300.	.6490E-05		.2341E-03	.027	-1.028
35.	300.	.6649E-05		.2515E-03	.026	-1.027
40.	300.	.6783E-05		.2625E-03	.026	-1.027
45.	300.	.6847E-05		.2723E-03	.025	-1.026
50.	300.	.6995E-05		.2813E-03	.025	-1.025
55.	300.	.7081E-05		.2897E-03	.024	-1.025
60.	300.	.7157E-05		.2980E-03	.024	-1.025
65.	300.	.7224E-05		.3064E-03	.024	-1.024
70.	300.	.7284E-05		.3168E-03	.023	-1.024
75.	300.	.7338E-05		.3278E-03	.022	-1.023
80.	300.	.7386E-05		.3402E-03	.022	-1.022
85.	300.	.7430E-05		.3542E-03	.021	-1.021
90.	300.	.7470E-05		.3700E-03	.020	-1.021
95.	300.	.7506E-05		.3876E-03	.019	-1.020
100.	300.	.7539E-05		.4072E-03	.019	-1.019
105.	300.	.7570E-05		.4284E-03	.018	-1.018
110.	300.	.7597E-05		.4531E-03	.017	-1.017
115.	300.	.7623E-05		.4797E-03	.016	-1.016
120.	300.	.7646E-05		.5092E-03	.015	-1.015

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	400.	.4318E-05		.1113E-03	.039	-1.040
2.	400.	.5561E-05		.1922E-03	.029	-1.030
3.	400.	.6406E-05		.2532E-03	.025	-1.026
4.	400.	.7057E-05		.3012E-03	.023	-1.024
5.	400.	.7589E-05		.3403E-03	.022	-1.023
10.	400.	.9368E-05		.4778E-03	.020	-1.020
15.	400.	.1047E-04		.5772E-03	.018	-1.018
20.	400.	.1125E-04		.6578E-03	.017	-1.017
25.	400.	.1186E-04		.7265E-03	.016	-1.017
30.	400.	.1234E-04		.7868E-03	.016	-1.016
35.	400.	.1274E-04		.8407E-03	.015	-1.015
40.	400.	.1308E-04		.8896E-03	.015	-1.015
45.	400.	.1337E-04		.9345E-03	.014	-1.015
50.	400.	.1362E-04		.9740E-03	.014	-1.014
55.	400.	.1384E-04		.1015E-02	.014	-1.014
60.	400.	.1404E-04		.1054E-02	.013	-1.014
65.	400.	.1421E-04		.1099E-02	.013	-1.013
70.	400.	.1437E-04		.1139E-02	.013	-1.013
75.	400.	.1451E-04		.1188E-02	.012	-1.012
80.	400.	.1464E-04		.1242E-02	.012	-1.012
85.	400.	.1475E-04		.1302E-02	.011	-1.011
90.	400.	.1485E-04		.1369E-02	.011	-1.011
95.	400.	.1495E-04		.1444E-02	.010	-1.010
100.	400.	.1504E-04		.1526E-02	.010	-1.010
105.	400.	.1512E-04		.1618E-02	.009	-1.009
110.	400.	.1519E-04		.1719E-02	.009	-1.009
115.	400.	.1526E-04		.1831E-02	.008	-1.008
120.	400.	.1532E-04		.1954E-02	.008	-1.008

1550 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	500.	.6297E-05	.2175E-03	.029	-1.030
2.	500.	.6594E-05	.3990E-03	.022	-1.022
3.	500.	.1023E-04	.5407E-03	.019	-1.019
4.	500.	.1152E-04	.6541E-03	.018	-1.018
5.	500.	.1260E-04	.7472E-03	.017	-1.017
10.	500.	.1633E-04	.1089E-02	.015	-1.015
15.	500.	.1872E-04	.1355E-02	.014	-1.014
20.	500.	.2046E-04	.1581E-02	.013	-1.013
25.	500.	.2183E-04	.1780E-02	.012	-1.012
30.	500.	.2293E-04	.1959E-02	.012	-1.012
35.	500.	.2385E-04	.2123E-02	.011	-1.011
40.	500.	.2463E-04	.2274E-02	.011	-1.011
45.	500.	.2531E-04	.2414E-02	.010	-1.011
50.	500.	.2590E-04	.2545E-02	.010	-1.010
55.	500.	.2642E-04	.2670E-02	.010	-1.010
60.	500.	.2688E-04	.2793E-02	.010	-1.010
65.	500.	.2729E-04	.2921E-02	.009	-1.009
70.	500.	.2766E-04	.3058E-02	.009	-1.009
75.	500.	.2799E-04	.3207E-02	.009	-1.009
80.	500.	.2829E-04	.3370E-02	.008	-1.008
85.	500.	.2857E-04	.3550E-02	.008	-1.008
90.	500.	.2882E-04	.3749E-02	.008	-1.008
95.	500.	.2905E-04	.3968E-02	.007	-1.007
100.	500.	.2926E-04	.4210E-02	.007	-1.007
105.	500.	.2945E-04	.4477E-02	.007	-1.007
110.	500.	.2962E-04	.4771E-02	.006	-1.006
115.	500.	.2979E-04	.5096E-02	.006	-1.006
120.	500.	.2994E-04	.5453E-02	.005	-1.006

1550 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	600.	.9041E-05	.3586E-03	.025	-1.026
2.	600.	.1305E-04	.6841E-03	.019	-1.019
3.	600.	.1602E-04	.9431E-03	.017	-1.017
4.	600.	.1844E-04	.1152E-02	.016	-1.016
5.	600.	.2044E-04	.1324E-02	.015	-1.016
10.	600.	.2782E-04	.1978E-02	.014	-1.014
15.	600.	.3269E-04	.2522E-02	.013	-1.013
20.	600.	.3632E-04	.3004E-02	.012	-1.012
25.	600.	.3920E-04	.3442E-02	.011	-1.012
30.	600.	.4155E-04	.3844E-02	.011	-1.011
35.	600.	.4353E-04	.4216E-02	.010	-1.010
40.	600.	.4522E-04	.4564E-02	.010	-1.010
45.	600.	.4669E-04	.4890E-02	.010	-1.010
50.	600.	.4798E-04	.5198E-02	.009	-1.009
55.	600.	.4912E-04	.5490E-02	.009	-1.009
60.	600.	.5013E-04	.5780E-02	.009	-1.009
65.	600.	.5104E-04	.6078E-02	.008	-1.008
70.	600.	.5186E-04	.6393E-02	.008	-1.008
75.	600.	.5260E-04	.6730E-02	.008	-1.008
80.	600.	.5327E-04	.7096E-02	.008	-1.008
85.	600.	.5389E-04	.7495E-02	.007	-1.007
90.	600.	.5444E-04	.7932E-02	.007	-1.007
95.	600.	.5496E-04	.8410E-02	.007	-1.007
100.	600.	.5543E-04	.8935E-02	.006	-1.006
105.	600.	.5586E-04	.9510E-02	.006	-1.006
110.	600.	.5626E-04	.1014E-01	.006	-1.006
115.	600.	.5662E-04	.1083E-01	.005	-1.005
120.	600.	.5696E-04	.1159E-01	.005	-1.005

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	700.	.1277E-04		.5133E-03	.025	-1.025
2.	700.	.1443E-04		.1000E-02	.019	-1.020
3.	700.	.2459E-04		.1390E-02	.018	-1.018
4.	700.	.2888E-04		.1704E-02	.017	-1.017
5.	700.	.3280E-04		.1943E-02	.017	-1.017
10.	700.	.4629E-04		.2977E-02	.016	-1.016
15.	700.	.5564E-04		.3874E-02	.014	-1.015
20.	700.	.6284E-04		.4700E-02	.013	-1.014
25.	700.	.6857E-04		.5467E-02	.013	-1.013
30.	700.	.7332E-04		.6183E-02	.012	-1.012
35.	700.	.7734E-04		.6857E-02	.011	-1.011
40.	700.	.8080E-04		.7491E-02	.011	-1.011
45.	700.	.8382E-04		.8091E-02	.010	-1.010
50.	700.	.8648E-04		.8660E-02	.010	-1.010
55.	700.	.8885E-04		.9203E-02	.010	-1.010
60.	700.	.9096E-04		.9738E-02	.009	-1.009
65.	700.	.9286E-04		.1028E-01	.009	-1.009
70.	700.	.9457E-04		.1085E-01	.009	-1.009
75.	700.	.9612E-04		.1145E-01	.008	-1.008
80.	700.	.9754E-04		.1210E-01	.008	-1.008
85.	700.	.9883E-04		.1280E-01	.008	-1.008
90.	700.	.1000E-03		.1355E-01	.007	-1.007
95.	700.	.1011E-03		.1437E-01	.007	-1.007
100.	700.	.1021E-03		.1525E-01	.007	-1.007
105.	700.	.1030E-03		.1622E-01	.006	-1.006
110.	700.	.1039E-03		.1727E-01	.006	-1.006
115.	700.	.1046E-03		.1841E-01	.006	-1.006
120.	700.	.1054E-03		.1966E-01	.005	-1.005

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	800.	.1772E-04		.6563E-03	.027	-1.028
2.	800.	.2837E-04		.1286E-02	.022	-1.023
3.	800.	.3694E-04		.1790E-02	.021	-1.021
4.	800.	.4424E-04		.2194E-02	.020	-1.021
5.	800.	.5067E-04		.2525E-02	.020	-1.020
10.	800.	.7508E-04		.3860E-02	.019	-1.020
15.	800.	.9238E-04		.5108E-02	.018	-1.018
20.	800.	.1058E-03		.6295E-02	.017	-1.017
25.	800.	.1167E-03		.7422E-02	.016	-1.016
30.	800.	.1258E-03		.8492E-02	.015	-1.015
35.	800.	.1336E-03		.9508E-02	.014	-1.014
40.	800.	.1403E-03		.1047E-01	.013	-1.014
45.	800.	.1462E-03		.1139E-01	.013	-1.013
50.	800.	.1514E-03		.1220E-01	.012	-1.013
55.	800.	.1561E-03		.1310E-01	.012	-1.012
60.	800.	.1603E-03		.1392E-01	.012	-1.012
65.	800.	.1640E-03		.1475E-01	.011	-1.011
70.	800.	.1674E-03		.1560E-01	.011	-1.011
75.	800.	.1705E-03		.1649E-01	.010	-1.010
80.	800.	.1734E-03		.1743E-01	.010	-1.010
85.	800.	.1759E-03		.1844E-01	.010	-1.010
90.	800.	.1783E-03		.1951E-01	.009	-1.009
95.	800.	.1805E-03		.2066E-01	.009	-1.009
100.	800.	.1825E-03		.2190E-01	.008	-1.008
105.	800.	.1844E-03		.2323E-01	.008	-1.008
110.	800.	.1861E-03		.2467E-01	.008	-1.008
115.	800.	.1876E-03		.2622E-01	.007	-1.007
120.	800.	.1891E-03		.2789E-01	.007	-1.007

1550 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	900.	.2415E-04	.7682E-03	.031	-1.032
2.	900.	.4056E-04	.1502E-02	.027	-1.028
3.	900.	.5420E-04	.2024E-02	.026	-1.027
4.	900.	.6618E-04	.2546E-02	.026	-1.027
5.	900.	.7685E-04	.2923E-02	.026	-1.027
10.	900.	.1186E-03	.4479E-02	.026	-1.027
15.	900.	.1490E-03	.6013E-02	.025	-1.025
20.	900.	.1731E-03	.7514E-02	.023	-1.024
25.	900.	.1928E-03	.8966E-02	.022	-1.022
30.	900.	.2095E-03	.1036E-01	.020	-1.021
35.	900.	.2239E-03	.1170E-01	.019	-1.020
40.	900.	.2364E-03	.1298E-01	.018	-1.019
45.	900.	.2474E-03	.1421E-01	.017	-1.018
50.	900.	.2572E-03	.1538E-01	.017	-1.017
55.	900.	.2659E-03	.1650E-01	.016	-1.016
60.	900.	.2738E-03	.1759E-01	.016	-1.016
65.	900.	.2809E-03	.1869E-01	.015	-1.015
70.	900.	.2874E-03	.1980E-01	.015	-1.015
75.	900.	.2933E-03	.2096E-01	.014	-1.014
80.	900.	.2986E-03	.2216E-01	.013	-1.014
85.	900.	.3036E-03	.2342E-01	.013	-1.013
90.	900.	.3081E-03	.2475E-01	.012	-1.013
95.	900.	.3123E-03	.2616E-01	.012	-1.012
100.	900.	.3161E-03	.2765E-01	.011	-1.012
105.	900.	.3197E-03	.2924E-01	.011	-1.011
110.	900.	.3229E-03	.3094E-01	.010	-1.011
115.	900.	.3260E-03	.3275E-01	.010	-1.010
120.	900.	.3288E-03	.3468E-01	.009	-1.010

1550 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1000.	.3227E-04	.8469E-03	.038	-1.040
2.	1000.	.5671E-04	.1645E-02	.034	-1.036
3.	1000.	.7778E-04	.2269E-02	.034	-1.036
4.	1000.	.9656E-04	.2760E-02	.035	-1.036
5.	1000.	.1136E-03	.3157E-02	.036	-1.037
10.	1000.	.1820E-03	.4837E-02	.038	-1.039
15.	1000.	.2335E-03	.6572E-02	.036	-1.037
20.	1000.	.2747E-03	.8315E-02	.033	-1.034
25.	1000.	.3090E-03	.1003E-01	.031	-1.032
30.	1000.	.3383E-03	.1170E-01	.029	-1.030
35.	1000.	.3636E-03	.1331E-01	.027	-1.028
40.	1000.	.3857E-03	.1487E-01	.026	-1.027
45.	1000.	.4053E-03	.1636E-01	.025	-1.025
50.	1000.	.4228E-03	.1779E-01	.024	-1.024
55.	1000.	.4385E-03	.1916E-01	.023	-1.023
60.	1000.	.4527E-03	.2050E-01	.022	-1.023
65.	1000.	.4656E-03	.2182E-01	.021	-1.022
70.	1000.	.4773E-03	.2316E-01	.021	-1.021
75.	1000.	.4879E-03	.2452E-01	.020	-1.020
80.	1000.	.4977E-03	.2592E-01	.019	-1.020
85.	1000.	.5067E-03	.2736E-01	.019	-1.019
90.	1000.	.5150E-03	.2887E-01	.018	-1.018
95.	1000.	.5226E-03	.3045E-01	.017	-1.017
100.	1000.	.5296E-03	.3210E-01	.016	-1.017
105.	1000.	.5361E-03	.3383E-01	.016	-1.016
110.	1000.	.5421E-03	.3566E-01	.015	-1.015
115.	1000.	.5477E-03	.3758E-01	.015	-1.015
120.	1000.	.5529E-03	.3961E-01	.014	-1.014

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1100.	.4228E-04	.9035E-03	.047	-1.049
2.	1100.	.7738E-04	.1742E-02	.044	-1.047
3.	1100.	.1048E-03	.2390E-02	.046	-1.044
4.	1100.	.1373E-03	.2690E-02	.047	-1.050
5.	1100.	.1635E-03	.3300E-02	.050	-1.052
10.	1100.	.2714E-03	.5053E-02	.054	-1.057
15.	1100.	.3547E-03	.6940E-02	.051	-1.054
20.	1100.	.4225E-03	.8878E-02	.048	-1.050
25.	1100.	.4746E-03	.1091E-01	.044	-1.046
30.	1100.	.5285E-03	.1272E-01	.042	-1.043
35.	1100.	.5712E-03	.1458E-01	.039	-1.041
40.	1100.	.6088E-03	.1638E-01	.037	-1.039
45.	1100.	.6422E-03	.1811E-01	.035	-1.037
50.	1100.	.6721E-03	.1973E-01	.034	-1.035
55.	1100.	.6991E-03	.2138E-01	.033	-1.034
60.	1100.	.7235E-03	.2294E-01	.032	-1.033
65.	1100.	.7456E-03	.2447E-01	.030	-1.031
70.	1100.	.7658E-03	.2601E-01	.029	-1.030
75.	1100.	.7843E-03	.2755E-01	.028	-1.029
80.	1100.	.8013E-03	.2912E-01	.028	-1.028
85.	1100.	.8169E-03	.3072E-01	.027	-1.027
90.	1100.	.8313E-03	.3237E-01	.026	-1.026
95.	1100.	.8446E-03	.3406E-01	.025	-1.025
100.	1100.	.8569E-03	.3582E-01	.024	-1.025
105.	1100.	.8682E-03	.3763E-01	.023	-1.024
110.	1100.	.8788E-03	.3952E-01	.022	-1.023
115.	1100.	.8886E-03	.4149E-01	.021	-1.022
120.	1100.	.8977E-03	.4353E-01	.021	-1.021

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1200.	.5023E-04	.9537E-03	.057	-1.060
2.	1200.	.1033E-03	.1831E-02	.056	-1.060
3.	1200.	.1483E-03	.2503E-02	.059	-1.063
4.	1200.	.1899E-03	.3022E-02	.063	-1.067
5.	1200.	.2287E-03	.3437E-02	.067	-1.071
10.	1200.	.3923E-03	.5267E-02	.074	-1.080
15.	1200.	.5217E-03	.7306E-02	.071	-1.077
20.	1200.	.6286E-03	.9442E-02	.067	-1.071
25.	1200.	.7195E-03	.1160E-01	.062	-1.066
30.	1200.	.7980E-03	.1375E-01	.058	-1.062
35.	1200.	.8669E-03	.1587E-01	.055	-1.058
40.	1200.	.9278E-03	.1793E-01	.052	-1.055
45.	1200.	.9823E-03	.1992E-01	.049	-1.052
50.	1200.	.1031E-02	.2185E-01	.047	-1.050
55.	1200.	.1075E-02	.2370E-01	.045	-1.048
60.	1200.	.1115E-02	.2550E-01	.044	-1.046
65.	1200.	.1152E-02	.2727E-01	.042	-1.044
70.	1200.	.1185E-02	.2902E-01	.041	-1.043
75.	1200.	.1216E-02	.3077E-01	.040	-1.041
80.	1200.	.1244E-02	.3253E-01	.038	-1.040
85.	1200.	.1270E-02	.3431E-01	.037	-1.038
90.	1200.	.1294E-02	.3611E-01	.036	-1.037
95.	1200.	.1316E-02	.3795E-01	.035	-1.036
100.	1200.	.1336E-02	.3982E-01	.034	-1.035
105.	1200.	.1355E-02	.4174E-01	.032	-1.034
110.	1200.	.1373E-02	.4371E-01	.031	-1.032
115.	1200.	.1389E-02	.4574E-01	.030	-1.031
120.	1200.	.1405E-02	.4782E-01	.029	-1.030

1550 F BIAxIAL UXY ENGH LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1300.	.0800E-04		.1000E-02	.068	-1.073
2.	1300.	.1343E-03		.1919E-02	.070	-1.075
3.	1300.	.1960E-03		.2619E-02	.075	-1.081
4.	1300.	.2552E-03		.3157E-02	.081	-1.088
5.	1300.	.3106E-03		.3585E-02	.087	-1.095
10.	1300.	.5491E-03		.5507E-02	.100	-1.111
15.	1300.	.7419E-03		.7711E-02	.096	-1.106
20.	1300.	.9034E-03		.1006E-01	.090	-1.099
25.	1300.	.1042E-02		.1247E-01	.084	-1.091
30.	1300.	.1163E-02		.1488E-01	.078	-1.085
35.	1300.	.1269E-02		.1727E-01	.073	-1.079
40.	1300.	.1363E-02		.1962E-01	.069	-1.075
45.	1300.	.1446E-02		.2191E-01	.066	-1.071
50.	1300.	.1524E-02		.2412E-01	.063	-1.067
55.	1300.	.1594E-02		.2626E-01	.061	-1.065
60.	1300.	.1656E-02		.2835E-01	.058	-1.062
65.	1300.	.1714E-02		.3038E-01	.056	-1.060
70.	1300.	.1767E-02		.3239E-01	.055	-1.058
75.	1300.	.1815E-02		.3439E-01	.053	-1.056
80.	1300.	.1859E-02		.3638E-01	.051	-1.054
85.	1300.	.1901E-02		.3837E-01	.050	-1.052
90.	1300.	.1938E-02		.4037E-01	.048	-1.050
95.	1300.	.1974E-02		.4239E-01	.047	-1.049
100.	1300.	.2006E-02		.4442E-01	.045	-1.047
105.	1300.	.2036E-02		.4649E-01	.044	-1.046
110.	1300.	.2065E-02		.4858E-01	.042	-1.044
115.	1300.	.2091E-02		.5071E-01	.041	-1.043
120.	1300.	.2115E-02		.5287E-01	.040	-1.042

1550 F BIAxIAL UXY ENGH LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1400.	.8343E-04		.1043E-02	.080	-1.087
2.	1400.	.1700E-03		.2005E-02	.085	-1.093
3.	1400.	.2534E-03		.2738E-02	.093	-1.102
4.	1400.	.3331E-03		.3249E-02	.101	-1.112
5.	1400.	.4091E-03		.3745E-02	.109	-1.123
10.	1400.	.7431E-03		.5777E-02	.129	-1.148
15.	1400.	.1019E-02		.8160E-02	.125	-1.143
20.	1400.	.1252E-02		.1074E-01	.117	-1.132
25.	1400.	.1454E-02		.1341E-01	.108	-1.122
30.	1400.	.1631E-02		.1611E-01	.101	-1.113
35.	1400.	.1788E-02		.1881E-01	.095	-1.105
40.	1400.	.1928E-02		.2148E-01	.090	-1.099
45.	1400.	.2054E-02		.2409E-01	.085	-1.093
50.	1400.	.2168E-02		.2664E-01	.081	-1.089
55.	1400.	.2271E-02		.2911E-01	.078	-1.085
60.	1400.	.2366E-02		.3151E-01	.075	-1.081
65.	1400.	.2452E-02		.3387E-01	.072	-1.078
70.	1400.	.2531E-02		.3618E-01	.070	-1.075
75.	1400.	.2604E-02		.3847E-01	.068	-1.073
80.	1400.	.2671E-02		.4074E-01	.066	-1.070
85.	1400.	.2733E-02		.4300E-01	.064	-1.068
90.	1400.	.2791E-02		.4525E-01	.062	-1.066
95.	1400.	.2844E-02		.4750E-01	.060	-1.064
100.	1400.	.2894E-02		.4975E-01	.058	-1.062
105.	1400.	.2939E-02		.5201E-01	.057	-1.060
110.	1400.	.2982E-02		.5424E-01	.055	-1.058
115.	1400.	.3022E-02		.5655E-01	.053	-1.056
120.	1400.	.3059E-02		.5888E-01	.052	-1.055

TIME	STRESS	PSI	LENGTH	STRAIN	DIAETERH	R	IN
1	1000		1.167E-03		1.116E-02		1.117
2	1000		2.506E-03		2.175E-02		1.130
3	1000		3.849E-03		2.968E-02		1.148
4	1000		5.163E-03		3.612E-02		1.167
5	1000		6.440E-03		4.104E-02		1.186
10	1000		1.224E-02		6.414E-02		1.236
15	1000		1.718E-02		9.208E-02		1.279
20	1000		2.146E-02		1.235E-01		1.329
25	1000		2.552E-02		1.557E-01		1.373
30	1000		2.854E-02		1.895E-01		1.417
35	1000		3.151E-02		2.236E-01		1.461
40	1000		3.418E-02		2.574E-01		1.504
45	1000		3.660E-02		2.919E-01		1.543
50	1000		3.880E-02		3.254E-01		1.585
55	1000		4.080E-02		3.585E-01		1.629
60	1000		4.263E-02		3.906E-01		1.674
65	1000		4.432E-02		4.223E-01		1.719
70	1000		4.587E-02		4.535E-01		1.764
75	1000		4.730E-02		4.843E-01		1.808
80	1000		4.862E-02		5.147E-01		1.852
85	1000		4.985E-02		5.447E-01		1.896
90	1000		5.099E-02		5.744E-01		1.939
95	1000		5.205E-02		6.039E-01		1.982
100	1000		5.303E-02		6.331E-01		2.025
105	1000		5.394E-02		6.621E-01		2.068
110	1000		5.480E-02		6.904E-01		2.110
115	1000		5.559E-02		7.184E-01		2.152
120	1000		5.634E-02		7.460E-01		2.194

TIME	STRESS	LENGTH	DIA METER
1	1500.	.9989E-04	.092
2	1500.	.2094E-03	.100
3	1500.	.3171E-03	.111
4	1500.	.4214E-03	.122
5	1500.	.5217E-03	.133
10	1500.	.9711E-03	.160
15	1500.	.1334E-02	.156
20	1500.	.1672E-02	.146
25	1500.	.1954E-02	.135
30	1500.	.2202E-02	.126
35	1500.	.2423E-02	.118
40	1500.	.2621E-02	.111
45	1500.	.2800E-02	.106
50	1500.	.2962E-02	.101
55	1500.	.3109E-02	.096
60	1500.	.3247E-02	.093
65	1500.	.3376E-02	.089
70	1500.	.3481E-02	.086
75	1500.	.3576E-02	.083
80	1500.	.3662E-02	.081
85	1500.	.3772E-02	.076
90	1500.	.3855E-02	.070
95	1500.	.3932E-02	.074
100	1500.	.4003E-02	.072
105	1500.	.4069E-02	.070
110	1500.	.4131E-02	.068
115	1500.	.4189E-02	.066
120	1500.	.4243E-02	.064
1	1000.	.1081E-02	.092
2	1000.	.2091E-02	.100
3	1000.	.3171E-02	.111
4	1000.	.4214E-02	.122
5	1000.	.5217E-02	.133
10	1000.	.9711E-02	.160
15	1000.	.1334E-01	.156
20	1000.	.1672E-01	.146
25	1000.	.1954E-01	.135
30	1000.	.2202E-01	.126
35	1000.	.2423E-01	.118
40	1000.	.2621E-01	.111
45	1000.	.2800E-01	.106
50	1000.	.2962E-01	.101
55	1000.	.3109E-01	.096
60	1000.	.3247E-01	.093
65	1000.	.3376E-01	.089
70	1000.	.3481E-01	.086
75	1000.	.3576E-01	.083
80	1000.	.3662E-01	.081
85	1000.	.3772E-01	.076
90	1000.	.3855E-01	.070
95	1000.	.3932E-01	.074
100	1000.	.4003E-01	.072
105	1000.	.4069E-01	.070
110	1000.	.4131E-01	.068
115	1000.	.4189E-01	.066
120	1000.	.4243E-01	.064

1550 F. BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1976

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1700.	.1328E-03		.1147E-02	.116	-1.131
2.	1700.	.2913E-03		.2249E-02	.129	-1.148
3.	1700.	.4525E-03		.3120E-02	.145	-1.170
4.	1700.	.6118E-03		.3794E-02	.162	-1.193
5.	1700.	.7678E-03		.4313E-02	.178	-1.217
10.	1700.	.1485E-02		.6788E-02	.219	-1.280
15.	1700.	.2105E-02		.9819E-02	.214	-1.273
20.	1700.	.2646E-02		.1321E-01	.200	-1.251
25.	1700.	.3123E-02		.1683E-01	.186	-1.228
30.	1700.	.3547E-02		.2059E-01	.172	-1.208
35.	1700.	.3928E-02		.2443E-01	.161	-1.192
40.	1700.	.4271E-02		.2831E-01	.151	-1.176
45.	1700.	.4582E-02		.3219E-01	.142	-1.166
50.	1700.	.4866E-02		.3604E-01	.135	-1.156
55.	1700.	.5125E-02		.3984E-01	.129	-1.148
60.	1700.	.5362E-02		.4360E-01	.123	-1.140
65.	1700.	.5581E-02		.4730E-01	.118	-1.134
70.	1700.	.5782E-02		.5096E-01	.113	-1.128
75.	1700.	.5968E-02		.5457E-01	.109	-1.123
80.	1700.	.6141E-02		.5814E-01	.106	-1.118
85.	1700.	.6301E-02		.6167E-01	.102	-1.114
90.	1700.	.6449E-02		.6516E-01	.099	-1.110
95.	1700.	.6587E-02		.6862E-01	.096	-1.106
100.	1700.	.6716E-02		.7204E-01	.093	-1.103
105.	1700.	.6836E-02		.7543E-01	.091	-1.100
110.	1700.	.6947E-02		.7879E-01	.088	-1.097
115.	1700.	.7052E-02		.8212E-01	.086	-1.094
120.	1700.	.7149E-02		.8543E-01	.084	-1.091

1550 F. BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1976

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1800.	.1472E-03		.1174E-02	.125	-1.143
2.	1800.	.3282E-03		.2343E-02	.140	-1.163
3.	1800.	.5146E-03		.3258E-02	.158	-1.188
4.	1800.	.7004E-03		.3968E-02	.177	-1.214
5.	1800.	.8832E-03		.4535E-02	.195	-1.242
10.	1800.	.1733E-02		.7204E-02	.241	-1.317
15.	1800.	.2475E-02		.1050E-01	.236	-1.309
20.	1800.	.3128E-02		.1421E-01	.220	-1.282
25.	1800.	.3705E-02		.1821E-01	.203	-1.255
30.	1800.	.4221E-02		.2241E-01	.188	-1.232
35.	1800.	.4685E-02		.2673E-01	.175	-1.213
40.	1800.	.5104E-02		.3112E-01	.164	-1.196
45.	1800.	.5485E-02		.3556E-01	.154	-1.182
50.	1800.	.5833E-02		.3999E-01	.146	-1.171
55.	1800.	.6151E-02		.4440E-01	.139	-1.161
60.	1800.	.6444E-02		.4878E-01	.132	-1.152
65.	1800.	.6713E-02		.5313E-01	.126	-1.145
70.	1800.	.6961E-02		.5744E-01	.121	-1.138
75.	1800.	.7191E-02		.6171E-01	.117	-1.132
80.	1800.	.7404E-02		.6594E-01	.112	-1.126
85.	1800.	.7602E-02		.7014E-01	.108	-1.122
90.	1800.	.7786E-02		.7430E-01	.105	-1.117
95.	1800.	.7957E-02		.7842E-01	.101	-1.113
100.	1800.	.8117E-02		.8251E-01	.098	-1.109
105.	1800.	.8266E-02		.8656E-01	.095	-1.106
110.	1800.	.8404E-02		.9057E-01	.093	-1.102
115.	1800.	.8534E-02		.9455E-01	.090	-1.099
120.	1800.	.8656E-02		.9853E-01	.088	-1.096

1550 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1900.	.1588E-03		.1198E-02	.133	-1.153
2.	1900.	.3583E-03		.2428E-02	.148	-1.173
3.	1900.	.5657E-03		.3402E-02	.166	-1.199
4.	1900.	.7737E-03		.4165E-02	.186	-1.228
5.	1900.	.9791E-03		.4777E-02	.205	-1.258
10.	1900.	.1942E-02		.7666E-02	.253	-1.339
15.	1900.	.2790E-02		.1125E-01	.248	-1.330
20.	1900.	.3539E-02		.1532E-01	.231	-1.300
25.	1900.	.4205E-02		.1975E-01	.213	-1.271
30.	1900.	.4801E-02		.2443E-01	.197	-1.245
35.	1900.	.5339E-02		.2930E-01	.182	-1.223
40.	1900.	.5826E-02		.3429E-01	.170	-1.205
45.	1900.	.6289E-02		.3937E-01	.159	-1.189
50.	1900.	.6673E-02		.4448E-01	.150	-1.176
55.	1900.	.7045E-02		.4962E-01	.142	-1.165
60.	1900.	.7386E-02		.5475E-01	.135	-1.156
65.	1900.	.7700E-02		.5988E-01	.129	-1.148
70.	1900.	.7991E-02		.6499E-01	.123	-1.140
75.	1900.	.8261E-02		.7009E-01	.118	-1.134
80.	1900.	.8510E-02		.7516E-01	.113	-1.128
85.	1900.	.8742E-02		.8021E-01	.109	-1.122
90.	1900.	.8958E-02		.8523E-01	.105	-1.117
95.	1900.	.9159E-02		.9023E-01	.102	-1.113
100.	1900.	.9347E-02		.9519E-01	.098	-1.109
105.	1900.	.9522E-02		.1001E+00	.095	-1.105
110.	1900.	.9685E-02		.1050E+00	.092	-1.102
115.	1900.	.9838E-02		.1099E+00	.090	-1.098
120.	1900.	.9981E-02		.1147E+00	.087	-1.095

1550 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2000.	.1664E-03		.1219E-02	.137	-1.158
2.	2000.	.3785E-03		.2513E-02	.151	-1.177
3.	2000.	.6003E-03		.3554E-02	.169	-1.203
4.	2000.	.8235E-03		.4376E-02	.188	-1.232
5.	2000.	.1045E-02		.5041E-02	.207	-1.261
10.	2000.	.2087E-02		.8180E-02	.255	-1.342
15.	2000.	.3010E-02		.1209E-01	.249	-1.332
20.	2000.	.3829E-02		.1656E-01	.231	-1.301
25.	2000.	.4558E-02		.2146E-01	.212	-1.270
30.	2000.	.5212E-02		.2670E-01	.195	-1.243
35.	2000.	.5803E-02		.3219E-01	.180	-1.220
40.	2000.	.6339E-02		.3787E-01	.167	-1.201
45.	2000.	.6828E-02		.4369E-01	.156	-1.185
50.	2000.	.7274E-02		.4962E-01	.147	-1.172
55.	2000.	.7684E-02		.5562E-01	.138	-1.160
60.	2000.	.8062E-02		.6167E-01	.131	-1.150
65.	2000.	.8410E-02		.6775E-01	.124	-1.142
70.	2000.	.8732E-02		.7386E-01	.118	-1.134
75.	2000.	.9031E-02		.7999E-01	.113	-1.127
80.	2000.	.9308E-02		.8614E-01	.108	-1.121
85.	2000.	.9565E-02		.9228E-01	.104	-1.116
90.	2000.	.9805E-02		.9843E-01	.100	-1.111
95.	2000.	.1003E-01		.1046E+00	.096	-1.106
100.	2000.	.1024E-01		.1107E+00	.092	-1.102
105.	2000.	.1043E-01		.1168E+00	.089	-1.098
110.	2000.	.1061E-01		.1229E+00	.086	-1.095
115.	2000.	.1079E-01		.1290E+00	.084	-1.091
120.	2000.	.1094E-01		.1351E+00	.081	-1.088

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	2100.	.1644E-03	.1238E-02	.137	-1.159
2.	2100.	.3865E-03	.2600E-02	.149	-1.175
3.	2100.	.0143E-03	.3714E-02	.165	-1.198
4.	2100.	.8438E-03	.4604E-02	.183	-1.224
5.	2100.	.1072E-02	.5328E-02	.201	-1.252
10.	2100.	.2148E-02	.8752E-02	.245	-1.325
15.	2100.	.3104E-02	.1302E-01	.258	-1.313
20.	2100.	.3953E-02	.1794E-01	.220	-1.283
25.	2100.	.4711E-02	.2338E-01	.202	-1.252
30.	2100.	.5392E-02	.2924E-01	.184	-1.226
35.	2100.	.6008E-02	.3545E-01	.169	-1.204
40.	2100.	.6567E-02	.4193E-01	.157	-1.186
45.	2100.	.7076E-02	.4865E-01	.145	-1.170
50.	2100.	.7543E-02	.5554E-01	.136	-1.157
55.	2100.	.7971E-02	.6258E-01	.127	-1.146
60.	2100.	.8366E-02	.6975E-01	.120	-1.136
65.	2100.	.8731E-02	.7701E-01	.113	-1.128
70.	2100.	.9068E-02	.8437E-01	.107	-1.120
75.	2100.	.9381E-02	.9181E-01	.102	-1.114
80.	2100.	.9671E-02	.9932E-01	.097	-1.108
85.	2100.	.9942E-02	.1069E+00	.093	-1.103
90.	2100.	.1019E-01	.1145E+00	.089	-1.098
95.	2100.	.1043E-01	.1222E+00	.085	-1.093
100.	2100.	.1065E-01	.1299E+00	.082	-1.089
105.	2100.	.1085E-01	.1376E+00	.079	-1.086
110.	2100.	.1104E-01	.1453E+00	.076	-1.082
115.	2100.	.1122E-01	.1531E+00	.073	-1.079
120.	2100.	.1139E-01	.1609E+00	.071	-1.076

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	2200.	.1677E-03	.1254E-02	.133	-1.154
2.	2200.	.3812E-03	.2689E-02	.142	-1.165
3.	2200.	.6053E-03	.3885E-02	.156	-1.185
4.	2200.	.8312E-03	.4850E-02	.171	-1.207
5.	2200.	.1055E-02	.5641E-02	.187	-1.230
10.	2200.	.2114E-02	.9386E-02	.225	-1.291
15.	2200.	.3055E-02	.1405E-01	.217	-1.278
20.	2200.	.3891E-02	.1948E-01	.200	-1.250
25.	2200.	.4637E-02	.2553E-01	.182	-1.222
30.	2200.	.5308E-02	.3211E-01	.165	-1.198
35.	2200.	.5914E-02	.3915E-01	.151	-1.178
40.	2200.	.6465E-02	.4658E-01	.139	-1.161
45.	2200.	.6968E-02	.5434E-01	.128	-1.147
50.	2200.	.7428E-02	.6240E-01	.119	-1.135
55.	2200.	.7851E-02	.7072E-01	.111	-1.125
60.	2200.	.8241E-02	.7925E-01	.104	-1.116
65.	2200.	.8601E-02	.8800E-01	.098	-1.108
70.	2200.	.8935E-02	.9693E-01	.092	-1.102
75.	2200.	.9244E-02	.1060E+00	.087	-1.095
80.	2200.	.9531E-02	.1153E+00	.083	-1.090
85.	2200.	.9799E-02	.1247E+00	.079	-1.085
90.	2200.	.1005E-01	.1343E+00	.075	-1.081
95.	2200.	.1028E-01	.1439E+00	.071	-1.077
100.	2200.	.1050E-01	.1537E+00	.068	-1.073
105.	2200.	.1070E-01	.1636E+00	.065	-1.070
110.	2200.	.1089E-01	.1736E+00	.063	-1.067
115.	2200.	.1107E-01	.1837E+00	.060	-1.064
120.	2200.	.1124E-01	.1939E+00	.058	-1.062

1450 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	2300.	.1601E-03	.1270E-02	.126	-1.144
2.	2300.	.1626E-03	.2762E-02	.130	-1.150
3.	2300.	.5738E-03	.4066E-02	.141	-1.164
4.	2300.	.7862E-03	.5116E-02	.154	-1.182
5.	2300.	.9066E-03	.5980E-02	.167	-1.200
10.	2300.	.1987E-02	.1009E-01	.197	-1.245
15.	2300.	.2865E-02	.1521E-01	.188	-1.232
20.	2300.	.3644E-02	.2120E-01	.172	-1.208
25.	2300.	.4339E-02	.2745E-01	.155	-1.184
30.	2300.	.4963E-02	.3536E-01	.140	-1.163
35.	2300.	.5527E-02	.4337E-01	.127	-1.146
40.	2300.	.6040E-02	.5191E-01	.116	-1.132
45.	2300.	.6508E-02	.6094E-01	.107	-1.120
50.	2300.	.6936E-02	.7042E-01	.099	-1.109
55.	2300.	.7330E-02	.8629E-01	.091	-1.100
60.	2300.	.7693E-02	.9053E-01	.085	-1.093
65.	2300.	.8028E-02	.1011E+00	.079	-1.086
70.	2300.	.8338E-02	.1121E+00	.074	-1.080
75.	2300.	.8626E-02	.1233E+00	.070	-1.075
80.	2300.	.8894E-02	.1349E+00	.066	-1.071
85.	2300.	.9143E-02	.1467E+00	.062	-1.066
90.	2300.	.9376E-02	.1586E+00	.059	-1.063
95.	2300.	.9593E-02	.1712E+00	.056	-1.059
100.	2300.	.9796E-02	.1838E+00	.053	-1.056
105.	2300.	.9985E-02	.1967E+00	.051	-1.053
110.	2300.	.1016E-01	.2098E+00	.048	-1.051
115.	2300.	.1033E-01	.2231E+00	.046	-1.049
120.	2300.	.1049E-01	.2366E+00	.044	-1.046

1550 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	2400.	.1484E-03	.1285E-02	.115	-1.131
2.	2400.	.3323E-03	.2879E-02	.119	-1.130
3.	2400.	.5227E-03	.4261E-02	.123	-1.140
4.	2400.	.7132E-03	.5405E-02	.132	-1.152
5.	2400.	.9013E-03	.6358E-02	.142	-1.165
10.	2400.	.1781E-02	.1087E-01	.164	-1.196
15.	2400.	.2557E-02	.1650E-01	.155	-1.183
20.	2400.	.3243E-02	.2313E-01	.140	-1.163
25.	2400.	.3854E-02	.3068E-01	.126	-1.144
30.	2400.	.4402E-02	.3905E-01	.113	-1.127
35.	2400.	.4897E-02	.4621E-01	.102	-1.113
40.	2400.	.5346E-02	.5606E-01	.092	-1.101
45.	2400.	.5756E-02	.6864E-01	.084	-1.092
50.	2400.	.6131E-02	.7984E-01	.077	-1.083
55.	2400.	.6476E-02	.9164E-01	.071	-1.076
60.	2400.	.6794E-02	.1040E+00	.065	-1.070
65.	2400.	.7087E-02	.1170E+00	.061	-1.065
70.	2400.	.7354E-02	.1305E+00	.056	-1.060
75.	2400.	.7611E-02	.1445E+00	.053	-1.056
80.	2400.	.7846E-02	.1590E+00	.049	-1.052
85.	2400.	.8064E-02	.1741E+00	.046	-1.049
90.	2400.	.8268E-02	.1896E+00	.044	-1.046
95.	2400.	.8452E-02	.2056E+00	.041	-1.043
100.	2400.	.8635E-02	.2221E+00	.039	-1.040
105.	2400.	.8807E-02	.2391E+00	.037	-1.038
110.	2400.	.8957E-02	.2565E+00	.035	-1.036
115.	2400.	.9103E-02	.2743E+00	.033	-1.034
120.	2400.	.9240E-02	.2926E+00	.032	-1.033

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	2500.	.1331E-03	.1300E-02	.102	-1.114
2.	2500.	.2912E-03	.2982E-02	.098	-1.109
3.	2500.	.4570E-03	.4470E-02	.102	-1.114
4.	2500.	.6198E-03	.5716E-02	.108	-1.122
5.	2500.	.7796E-03	.6767E-02	.115	-1.130
10.	2500.	.1521E-02	.1175E-01	.129	-1.149
15.	2500.	.2169E-02	.1794E-01	.121	-1.138
20.	2500.	.2739E-02	.2531E-01	.108	-1.121
25.	2500.	.3245E-02	.3377E-01	.096	-1.106
30.	2500.	.3698E-02	.4328E-01	.085	-1.093
35.	2500.	.4106E-02	.5378E-01	.076	-1.083
40.	2500.	.4476E-02	.6526E-01	.069	-1.074
45.	2500.	.4814E-02	.7767E-01	.062	-1.066
50.	2500.	.5122E-02	.9099E-01	.056	-1.060
55.	2500.	.5406E-02	.1052E+00	.051	-1.054
60.	2500.	.5667E-02	.1203E+00	.047	-1.049
65.	2500.	.5908E-02	.1362E+00	.043	-1.045
70.	2500.	.6132E-02	.1530E+00	.040	-1.042
75.	2500.	.6339E-02	.1707E+00	.037	-1.039
80.	2500.	.6531E-02	.1892E+00	.035	-1.036
85.	2500.	.6711E-02	.2085E+00	.032	-1.033
90.	2500.	.6878E-02	.2286E+00	.030	-1.031
95.	2500.	.7034E-02	.2496E+00	.028	-1.029
100.	2500.	.7180E-02	.2715E+00	.026	-1.027
105.	2500.	.7317E-02	.2941E+00	.025	-1.026
110.	2500.	.7445E-02	.3176E+00	.023	-1.024
115.	2500.	.7565E-02	.3418E+00	.022	-1.023
120.	2500.	.7678E-02	.3669E+00	.021	-1.021

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	2600.	.1153E-03	.1316E-02	.088	-1.096
2.	2600.	.2487E-03	.3091E-02	.080	-1.088
3.	2600.	.3811E-03	.4696E-02	.082	-1.069
4.	2600.	.5153E-03	.6060E-02	.085	-1.093
5.	2600.	.6442E-03	.7217E-02	.089	-1.098
10.	2600.	.1235E-02	.1271E-01	.097	-1.108
15.	2600.	.1745E-02	.1955E-01	.089	-1.098
20.	2600.	.2191E-02	.2776E-01	.079	-1.086
25.	2600.	.2585E-02	.3729E-01	.069	-1.075
30.	2600.	.2937E-02	.4812E-01	.061	-1.065
35.	2600.	.3253E-02	.6024E-01	.054	-1.057
40.	2600.	.3540E-02	.7365E-01	.048	-1.050
45.	2600.	.3800E-02	.8834E-01	.043	-1.045
50.	2600.	.4038E-02	.1043E+00	.039	-1.040
55.	2600.	.4257E-02	.1215E+00	.035	-1.036
60.	2600.	.4458E-02	.1400E+00	.032	-1.033
65.	2600.	.4644E-02	.1598E+00	.029	-1.030
70.	2600.	.4815E-02	.1810E+00	.027	-1.027
75.	2600.	.4975E-02	.2034E+00	.024	-1.025
80.	2600.	.5123E-02	.2271E+00	.023	-1.023
85.	2600.	.5261E-02	.2522E+00	.021	-1.021
90.	2600.	.5389E-02	.2787E+00	.019	-1.020
95.	2600.	.5509E-02	.3065E+00	.018	-1.018
100.	2600.	.5622E-02	.3357E+00	.017	-1.017
105.	2600.	.5727E-02	.3663E+00	.016	-1.016
110.	2600.	.5829E-02	.3984E+00	.015	-1.015
115.	2600.	.5918E-02	.4319E+00	.014	-1.014
120.	2600.	.6004E-02	.4667E+00	.013	-1.013

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	2700.	.4654E+04		.1334E-02	.072	-1.078
2.	2700.	.2028E-03		.3209E-02	.063	-1.067
3.	2700.	.3075E-03		.4941E-02	.062	-1.066
4.	2700.	.4094E-03		.6433E-02	.064	-1.068
5.	2700.	.5079E-03		.7710E-02	.066	-1.071
10.	2700.	.9526E-03		.1379E-01	.069	-1.074
15.	2700.	.1331E-02		.2136E-01	.062	-1.066
20.	2700.	.1659E-02		.3053E-01	.054	-1.057
25.	2700.	.1947E-02		.4130E-01	.047	-1.049
30.	2700.	.2203E-02		.5371E-01	.041	-1.043
35.	2700.	.2432E-02		.6777E-01	.036	-1.037
40.	2700.	.2639E-02		.8354E-01	.032	-1.033
45.	2700.	.2828E-02		.1010E+00	.028	-1.029
50.	2700.	.2999E-02		.1203E+00	.025	-1.026
55.	2700.	.3157E-02		.1414E+00	.022	-1.023
60.	2700.	.3301E-02		.1643E+00	.020	-1.021
65.	2700.	.3433E-02		.1891E+00	.018	-1.019
70.	2700.	.3558E-02		.2159E+00	.016	-1.017
75.	2700.	.3673E-02		.2447E+00	.015	-1.015
80.	2700.	.3779E-02		.2755E+00	.014	-1.014
85.	2700.	.3878E-02		.3084E+00	.013	-1.013
90.	2700.	.3971E-02		.3436E+00	.012	-1.012
95.	2700.	.4057E-02		.3809E+00	.011	-1.011
100.	2700.	.4138E-02		.4205E+00	.010	-1.010
105.	2700.	.4213E-02		.4624E+00	.009	-1.009
110.	2700.	.4284E-02		.5067E+00	.008	-1.009
115.	2700.	.4350E-02		.5534E+00	.008	-1.008
120.	2700.	.4412E-02		.6026E+00	.007	-1.007

1550 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	2800.	.7797E-04		.1354E-02	.058	-1.061
2.	2800.	.1584E-03		.3336E-02	.047	-1.050
3.	2800.	.2361E-03		.5207E-02	.045	-1.047
4.	2800.	.3104E-03		.6841E-02	.045	-1.048
5.	2800.	.4816E-03		.8252E-02	.046	-1.048
10.	2800.	.6969E-03		.1499E-01	.046	-1.049
15.	2800.	.9602E-03		.2340E-01	.041	-1.043
20.	2800.	.1186E-02		.3367E-01	.035	-1.037
25.	2800.	.1383E-02		.4590E-01	.030	-1.031
30.	2800.	.1557E-02		.6018E-01	.026	-1.027
35.	2800.	.1713E-02		.7659E-01	.022	-1.023
40.	2800.	.1853E-02		.9524E-01	.019	-1.020
45.	2800.	.1980E-02		.1162E+00	.017	-1.017
50.	2800.	.2095E-02		.1397E+00	.015	-1.015
55.	2800.	.2201E-02		.1656E+00	.013	-1.013
60.	2800.	.2298E-02		.1943E+00	.012	-1.012
65.	2800.	.2388E-02		.2257E+00	.011	-1.011
70.	2800.	.2470E-02		.2600E+00	.010	-1.010
75.	2800.	.2547E-02		.2973E+00	.009	-1.009
80.	2800.	.2618E-02		.3378E+00	.008	-1.008
85.	2800.	.2685E-02		.3815E+00	.007	-1.007
90.	2800.	.2746E-02		.4286E+00	.006	-1.006
95.	2800.	.2804E-02		.4793E+00	.006	-1.006
100.	2800.	.2858E-02		.5336E+00	.005	-1.005
105.	2800.	.2908E-02		.5914E+00	.005	-1.005
110.	2800.	.2956E-02		.6538E+00	.005	-1.005
115.	2800.	.3000E-02		.7199E+00	.004	-1.004
120.	2800.	.3042E-02		.7903E+00	.004	-1.004

1550 F BIAxIAL		OXY	ENGR LENGTH	ENGR DIAMETER	1978
LENGTH	1550 F	OXY	BIAxIAL	ENGR	1978
-4.60500E+00	4.78800E+00	0.	0.	0.	0.
0.	2.55000E+03	0.	0.	0.	0.
-1.40023E+01	1.64912E-03	1.20149E-05	7.48289E-04	-1.39988E+01	2.47069E-04
7.68992E-03	2.38501E-04	-1.40007E+01	8.54158E-01	2.70997E-06	-2.50426E-04
-4.98451E+00	3.38518E-01	-2.45752E-03	-5.35278E-05	0.	0.
DIAMETER 1550 F OXY BIAxIAL ENGR 1978					
-4.60500E+00	1.39000E+00	2.08000E+00	3.92000E+00	4.80000E+00	0.
0.	1.09460E+03	3.50010E+03	0.	0.	0.
-1.40238E+01	7.40677E-02	-5.71104E-05	3.41260E-03	-1.40116E+01	2.48088E-02
2.15503E-02	2.18713E-03	-1.39893E+01	3.40393E-02	2.28558E-02	1.65009E-03
-1.40311E+01	-1.24701E-01	2.56530E-02	1.76394E-03	-1.39942E+01	4.45615E-01
2.83461E-02	5.35779E-03	-1.39456E+01	1.79818E+00	4.57270E-05	3.52136E-04
-5.84498E+00	6.16397E-01	4.28069E-04	-1.39976E-04	-5.44174E+00	6.39265E-01
3.71668E-04	4.84419E-05	-3.92188E+00	8.21573E-01	1.00171E-03	3.91340E-04
-3.12467E+00	1.16818E+00	8.92300E-04	-1.06187E-03	-1.39422E+01	9.84204E-01
3.08339E-04	-4.30040E-04	-4.49273E+00	1.07020E+00	7.77862E-04	2.17834E-04
-3.80595E+00	1.03022E+00	9.17265E-04	1.96827E-04	-6.76359E-01	2.65645E+00
2.15415E-03	1.60864E-03	2.19826E+00	3.89366E+00	4.10578E-03	2.76764E-03

502	235.0							
502	230.0	1571.0	0.0	0.43573	0.6183E-02	1.40423	0.5237E-02	23.0
502	230.5	1569.2	0.0	0.43563	0.5944E-02	1.40418	0.5204E-02	23.0
502	231.0	1567.8	0.0	0.43566	0.6018E-02	1.40429	0.5287E-02	22.7
502	231.5	1565.8	0.0	0.43556	0.5794E-02	1.40437	0.5342E-02	23.0
502	232.0	1564.4	0.0	0.43557	0.5816E-02	1.40413	0.5171E-02	23.0
502	232.5	1563.2	0.0	0.43562	0.5914E-02	1.40451	0.5441E-02	22.9
502	233.0	1561.6	0.0	0.43551	0.5674E-02	1.40461	0.5513E-02	22.8
502	233.5	1560.4	0.0	0.43559	0.5854E-02	1.40460	0.5502E-02	23.2
502	234.0	1558.0	0.0	0.43563	0.5944E-02	1.40470	0.5574E-02	23.1
502	234.5	1557.8	0.1	0.43559	0.5654E-02	1.40474	0.5607E-02	23.2
502	235.0	1556.0	0.1	0.43593	0.6632E-02	1.40451	0.5441E-02	361.7
502	235.5	1551.6	0.1	0.43646	0.7860E-02	1.40464	0.5535E-02	379.8
502	236.0	1550.8	0.0	0.43680	0.8638E-02	1.40485	0.5604E-02	379.1
502	236.5	1550.6	0.1	0.43716	0.9477E-02	1.40495	0.5750E-02	379.8
502	237.0	1551.0	0.0	0.43739	0.1002E-01	1.40497	0.5767E-02	380.3
502	237.5	1551.0	0.0	0.43763	0.1055E-01	1.40490	0.5717E-02	380.6
502	238.0	1551.0	0.0	0.43787	0.1112E-01	1.40492	0.5734E-02	380.6
502	238.5	1551.0	0.0	0.43817	0.1181E-01	1.40517	0.5911E-02	381.3
502	239.0	1550.2	0.0	0.43845	0.1247E-01	1.40525	0.5972E-02	381.2
502	239.5	1549.2	0.0	0.43879	0.1325E-01	1.40538	0.6060E-02	381.4
502	240.0	1550.0	0.0	0.43892	0.1355E-01	1.40518	0.5922E-02	381.7
502	240.5	1549.6	0.1	0.43921	0.1421E-01	1.40521	0.5938E-02	381.9
502	241.0	1549.2	0.0	0.43934	0.1451E-01	1.40527	0.5986E-02	381.6
502	241.5	1549.4	0.1	0.43975	0.1547E-01	1.40539	0.6071E-02	382.0
502	242.0	1549.0	0.1	0.43993	0.1588E-01	1.40541	0.6082E-02	382.2
502	242.5	1549.0	0.0	0.44021	0.1651E-01	1.40547	0.6126E-02	381.9
502	243.0	1549.0	0.1	0.44048	0.1714E-01	1.40558	0.6209E-02	382.0
502	243.5	1548.6	0.0	0.44069	0.1762E-01	1.40575	0.6331E-02	382.1
502	244.0	1548.4	0.0	0.44094	0.1822E-01	1.40584	0.6391E-02	381.8
502	244.5	1547.8	0.0	0.44115	0.1870E-01	1.40584	0.6391E-02	382.0
502	245.0	1547.6	0.1	0.44136	0.1918E-01	1.40570	0.6292E-02	381.8
502	245.5	1547.2	0.1	0.44167	0.1990E-01	1.40591	0.6441E-02	382.0
502	246.0	1547.0	0.0	0.44192	0.2047E-01	1.40607	0.6557E-02	382.0
502	246.5	1547.2	0.0	0.44218	0.2106E-01	1.40600	0.6507E-02	381.7
502	247.0	1547.2	0.1	0.44254	0.2190E-01	1.40630	0.6723E-02	381.7
502	247.5	1547.4	0.0	0.44280	0.2250E-01	1.40621	0.6657E-02	381.8
502	248.0	1547.4	0.1	0.44303	0.2304E-01	1.40625	0.6684E-02	381.7
502	248.5	1546.6	0.1	0.44323	0.2349E-01	1.40637	0.6773E-02	381.8
502	249.0	1547.0	0.0	0.44355	0.2424E-01	1.40632	0.6734E-02	381.6
502	249.5	1548.2	0.1	0.44386	0.2496E-01	1.40629	0.6712E-02	381.6
502	250.0	1548.0	0.1	0.44423	0.2580E-01	1.40657	0.6916E-02	381.5
502	250.5	1548.4	0.1	0.44450	0.2642E-01	1.40662	0.6955E-02	381.4
502	251.0	1548.2	0.1	0.44489	0.2732E-01	1.40670	0.7010E-02	381.3
502	251.5	1548.6	0.1	0.44515	0.2792E-01	1.40675	0.7043E-02	381.4
502	252.0	1548.8	0.1	0.44543	0.2858E-01	1.40679	0.7071E-02	381.2
502	252.5	1549.2	0.0	0.44565	0.2909E-01	1.40704	0.7253E-02	381.2
502	253.0	1549.4	0.0	0.44611	0.3014E-01	1.40702	0.7237E-02	381.2
502	253.5	1549.2	0.1	0.44646	0.3095E-01	1.40706	0.7264E-02	381.0
502	254.0	1548.6	0.1	0.44673	0.3157E-01	1.40686	0.7121E-02	381.1
502	254.5	1548.8	0.1	0.44719	0.3255E-01	1.40701	0.7231E-02	381.0
502	255.0	1548.6	0.1	0.44749	0.3334E-01	1.40715	0.7331E-02	380.8
502	255.5	1549.2	0.1	0.44786	0.3418E-01	1.40740	0.7507E-02	380.8
502	256.0	1549.6	0.1	0.44817	0.3490E-01	1.40730	0.7435E-02	380.8
502	256.5	1549.6	0.0	0.44848	0.3562E-01	1.40742	0.7524E-02	380.7
502	257.0	1550.0	0.0	0.44891	0.3660E-01	1.40744	0.7535E-02	380.8
502	257.5	1549.6	0.0	0.44926	0.3741E-01	1.40726	0.7408E-02	380.7
502	258.0	1549.0	0.0	0.44962	0.3825E-01	1.40737	0.7485E-02	380.6
502	258.5	1549.2	0.1	0.44997	0.3906E-01	1.40762	0.7566E-02	380.5
502	259.0	1549.2	0.1	0.45044	0.4014E-01	1.40768	0.7712E-02	380.4

502	259.5	1549.2	0.1	0.45073	0.4083E-01	1.40764	0.7679E-02	380.1
502	260.0	1548.8	0.1	0.45111	0.4169E-01	1.40755	0.7618E-02	380.3
502	260.5	1548.6	0.1	0.45159	0.4280E-01	1.40781	0.7808E-02	380.0
502	261.0	1549.0	0.1	0.45186	0.4343E-01	1.40792	0.7883E-02	380.1
502	261.5	1549.2	0.1	0.45238	0.4463E-01	1.40809	0.8004E-02	380.3
502	262.0	1548.8	0.1	0.45285	0.4571E-01	1.40810	0.8010E-02	380.2
502	262.5	1549.0	0.0	0.45315	0.4640E-01	1.40820	0.8082E-02	380.1
502	263.0	1548.6	0.1	0.45357	0.4738E-01	1.40838	0.8204E-02	380.1
502	263.5	1549.0	0.1	0.45400	0.4837E-01	1.38346	-9.631E-02	380.0
502	264.0	1549.4	0.1	0.44404	0.2538E-01	1.28911	-7.717E-01	379.6
502	264.5	1549.2	0.1	0.45479	0.5020E-01	-9.99900	-9.9994E+04	379.9
502	265.0	1549.0	0.0	0.45525	0.5125E-01	-9.99900	-9.9994E+04	379.7
502	265.5	1549.4	0.1	0.45567	0.5223E-01	1.40891	0.8590E-02	379.8
502	266.0	1548.4	0.1	0.45613	0.5328E-01	-9.99900	-9.9994E+04	379.7
502	266.5	1549.2	0.1	0.44581	0.2945E-01	-9.99900	-9.9999E+04	379.8
502	267.0	1549.4	0.1	0.44553	0.2882E-01	-9.99900	-9.9994E+04	379.7
502	267.5	1549.0	0.1	0.45749	0.5643E-01	-9.99900	-9.9994E+04	379.6
502	268.0	1549.6	0.0	0.44599	0.2987E-01	-9.99900	-9.9999E+04	379.8
502	268.5	1549.8	0.1	0.45844	0.5861E-01	1.42311	0.1875E-01	379.6
502	269.0	1548.6	0.1	0.43416	0.2560E-02	1.42669	0.2132E-01	379.7
502	269.5	1549.6	0.1	0.45943	0.6092E-01	-9.99900	-9.9994E+04	379.7
502	270.0	1549.6	0.1	0.44688	0.3193E-01	1.40521	0.5938E-02	379.4
502	270.5	1550.0	0.1	0.46042	0.6319E-01	1.40946	0.8988E-02	379.5
502	271.0	1549.8	0.1	0.44716	0.3256E-01	1.48180	0.6077E-01	379.6
502	271.5	1549.2	0.1	0.46129	0.6520E-01	1.44182	0.3215E-01	379.5
502	272.0	1549.6	0.0	0.44765	0.3370E-01	-9.99900	-9.9999E+04	379.4
502	272.5	1549.6	0.1	0.46239	0.6774E-01	1.31983	-5.518E-01	379.4
502	273.0	1549.8	0.1	0.46290	0.6891E-01	-9.99900	-9.9999E+04	379.4
502	273.5	1550.2	0.1	0.44887	0.3651E-01	-9.99900	-9.9994E+04	379.2
502	274.0	1549.4	0.1	0.44845	0.3550E-01	-9.99900	-9.9994E+04	379.5
502	274.5	1550.0	0.0	0.45289	0.4580E-01	-9.99900	-9.9999E+04	379.3
502	275.0	1549.6	0.1	0.44913	0.3711E-01	-9.99900	-9.9994E+04	379.3
502	275.5	1549.8	0.1	0.43372	0.1542E-02	-9.99900	-9.9994E+04	379.3
502	276.0	1549.6	0.0	0.44942	0.3780E-01	-9.99900	-9.9994E+04	379.4
502	276.5	1550.0	0.1	0.46600	0.7608E-01	1.41889	0.1573E-01	379.1
502	277.0	1549.8	0.0	0.46732	0.7912E-01	-9.99900	-9.9994E+04	379.2
502	277.5	1549.8	0.0	0.46786	0.8038E-01	1.41029	0.9579E-02	379.3
502	278.0	1549.4	0.0	0.46851	0.8186E-01	1.41048	0.9711E-02	379.3
502	278.5	1549.6	0.1	0.46912	0.8328E-01	1.41064	0.9627E-02	379.2
502	279.0	1549.6	0.1	0.50151	0.1581E+00	1.38673	-7.286E-02	379.2
502	279.5	1550.2	0.1	0.47034	0.8610E-01	-9.99900	-9.9994E+04	379.3
502	280.0	1550.8	0.1	0.47092	0.8745E-01	1.41070	0.9874E-02	379.2
502	280.5	1550.6	0.1	0.47135	0.8843E-01	-9.99900	-9.9999E+04	379.2
502	281.0	1550.4	0.1	0.47212	0.9020E-01	1.51407	0.8387E-01	379.0
502	281.5	1548.2	0.1	0.47280	0.9179E-01	1.41101	0.1009E-01	379.2
502	282.0	1549.4	0.1	0.47361	0.9364E-01	1.28792	-7.802E-01	379.2
502	282.5	1549.8	0.1	0.47417	0.9493E-01	-9.99900	-9.9994E+04	379.1
502	283.0	1550.2	0.1	0.45330	0.4675E-01	1.29789	-7.088E-01	379.1
502	283.5	1550.4	0.1	0.45352	0.4720E-01	-9.99900	-9.9994E+04	379.0
502	284.0	1550.8	0.1	0.47629	0.9984E-01	-9.99900	-9.9994E+04	379.0
502	284.5	1551.6	0.1	0.47707	0.1010E+00	-9.99900	-9.9994E+04	378.9
502	285.0	1551.4	0.1	0.50626	0.1690E+00	-9.99900	-9.9994E+04	378.9
502	285.5	1551.8	0.1	0.50938	0.1763E+00	1.41199	0.1079E-01	378.8
502	286.0	1550.8	0.1	0.50694	0.1706E+00	1.41201	0.1081E-01	378.8
502	286.5	1550.4	0.1	0.50736	0.1716E+00	1.40900	0.8656E-02	379.0
502	287.0	1550.6	0.1	0.48097	0.1107E+00	1.41179	0.1065E-01	378.7
502	287.5	1550.2	0.1	0.48166	0.1122E+00	1.41455	0.1253E-01	378.9
502	288.0	1550.4	0.1	-9.99900	-9.9994E+04	1.41220	0.1095E-01	378.8
502	288.5	1550.4	0.1	-9.99900	-9.9994E+04	1.41220	0.1094E-01	378.8
502	289.0	1550.2	0.1	0.50950	0.1765E+00	1.36508	-2.279E-01	378.5

502	289.5	1550.2	0.1	0.51000	0.1777E+00	1.41236	0.1106E-01	378.9
502	290.0	1549.8	0.1	0.51048	0.1798E+00	1.40526	0.5977E-02	378.9
502	290.5	1549.8	0.1	0.51098	0.1799E+00	-9.99900	-.9999E+04	378.9
502	291.0	1549.4	0.1	0.51147	0.1811E+00	-9.99900	-.9999E+04	378.7
502	291.5	1550.2	0.1	0.51179	0.1818E+00	-9.99900	-.9999E+04	378.6
502	292.0	1550.0	0.1	0.51230	0.1830E+00	1.41274	0.1133E-01	378.6
502	292.5	1550.6	0.1	0.51296	0.1845E+00	1.41298	0.1151E-01	378.4
502	293.0	1550.2	0.1	0.49180	0.1357E+00	1.56284	0.1188E+00	378.4
502	293.5	1551.0	0.1	0.49286	0.1381E+00	1.44163	0.3201E-01	378.4
502	294.0	1550.8	0.1	0.49354	0.1397E+00	1.41269	0.1130E-01	378.3
502	294.5	1524.4	0.1	0.49367	0.1400E+00	-9.99900	-.9999E+04	339.2
502	295.0	1503.0	0.1	0.49075	0.1332E+00	1.41831	0.1532E-01	350.5
502	295.5	1490.8	0.1	0.49062	0.1329E+00	1.41831	0.1532E-01	352.0
502	296.0	1486.0	0.1	0.49053	0.1327E+00	1.43745	0.2902E-01	352.8
502	296.5	1482.6	0.1	0.49041	0.1325E+00	1.41841	0.1539E-01	353.5
502	297.0	1485.8	0.1	0.49030	0.1322E+00	1.34001	-.4073E-01	353.6

503	179.0						
503	174.0	1575.8	0.0	0.43587	0.6603E-02	1.36266	0.4934E-02
503	174.5	1575.0	0.0	0.43592	0.6723E-02	1.36273	0.4985E-02
503	175.0	1573.8	0.0	0.43594	0.6758E-02	1.36278	0.5019E-02
503	175.5	1573.0	0.0	0.43595	0.6798E-02	1.36277	0.5014E-02
503	176.0	1574.4	0.0	0.43541	0.5555E-02	1.36287	0.5088E-02
503	176.5	1573.2	0.0	0.43489	0.4342E-02	1.36296	0.5150E-02
503	177.0	1572.6	0.0	0.43488	0.4312E-02	1.36289	0.5099E-02
503	177.5	1570.4	0.0	0.43486	0.4327E-02	1.36289	0.5105E-02
503	178.0	1570.2	0.0	0.43605	0.7022E-02	1.36293	0.5127E-02
503	178.5	1564.6	0.0	0.43607	0.7067E-02	1.36313	0.5281E-02
503	179.0	1567.0	0.0	0.43592	0.6723E-02	1.36287	0.5088E-02
503	179.5	1564.4	0.0	0.43578	0.6408E-02	1.36301	0.5190E-02
503	180.0	1563.8	0.0	0.43723	0.9747E-02	1.36302	0.5196E-02
503	180.5	1563.8	0.0	0.43748	0.1032E-01	1.29662	-0.4377E-01
503	181.0	1565.6	0.0	0.43774	0.1093E-01	1.36296	0.5156E-02
503	181.5	1563.6	0.0	0.43799	0.1151E-01	1.36304	0.5213E-02
503	182.0	1563.2	0.0	0.43825	0.1210E-01	1.36313	0.5276E-02
503	182.5	1562.8	0.0	0.43848	0.1264E-01	1.36323	0.5355E-02
503	183.0	1561.0	0.0	0.43697	0.9148E-02	1.36308	0.5241E-02
503	183.5	1560.2	0.0	0.43835	0.1234E-01	1.36315	0.5281E-02
503	184.0	1559.2	0.0	0.43917	0.1422E-01	1.36322	0.5344E-02
503	184.5	1559.2	0.0	0.43818	0.1195E-01	1.36314	0.5287E-02
503	185.0	1557.2	0.0	0.43958	0.1518E-01	1.36313	0.5281E-02
503	185.5	1556.8	0.0	0.43984	0.1577E-01	1.36320	0.5332E-02
503	186.0	1557.0	0.0	0.44005	0.1626E-01	1.36323	0.5355E-02
503	186.5	1557.0	0.0	0.43975	0.1556E-01	1.36323	0.5349E-02
503	187.0	1556.4	0.0	0.44050	0.1731E-01	1.36322	0.5344E-02
503	187.5	1557.0	0.0	0.43994	0.1600E-01	1.36323	0.5349E-02
503	188.0	1554.6	0.0	0.44093	0.1830E-01	1.36342	0.5492E-02
503	188.5	1552.0	0.0	0.44056	0.1744E-01	1.36340	0.5480E-02
503	189.0	1552.2	0.0	0.44071	0.1779E-01	1.36334	0.5435E-02
503	189.5	1552.0	0.0	0.44159	0.1981E-01	1.36337	0.5458E-02
503	190.0	1552.4	0.0	0.44175	0.2018E-01	1.36347	0.5526E-02
503	190.5	1551.4	0.0	0.44126	0.1905E-01	1.36337	0.5452E-02
503	191.0	1550.4	0.0	0.44159	0.1981E-01	1.36343	0.5503E-02
503	191.5	1551.6	0.0	0.44231	0.2149E-01	1.36347	0.5526E-02
503	192.0	1551.4	0.0	0.44201	0.2078E-01	1.36354	0.5583E-02
503	192.5	1550.6	0.0	0.44216	0.2113E-01	1.36359	0.5617E-02
503	193.0	1550.0	0.0	0.44297	0.2301E-01	1.36347	0.5532E-02
503	193.5	1550.4	0.0	0.44321	0.2357E-01	1.36347	0.5532E-02
503	194.0	1550.2	0.0	0.44177	0.2024E-01	1.36343	0.5503E-02
503	194.5	1550.4	0.0	0.44361	0.2448E-01	1.36362	0.5640E-02
503	195.0	1550.8	0.0	0.44383	0.2499E-01	1.36343	0.5497E-02
503	195.5	1549.6	0.0	0.44349	0.2421E-01	1.36362	0.5640E-02
503	196.0	1549.8	0.0	0.44424	0.2593E-01	1.36348	0.5537E-02
503	196.5	1550.0	0.0	0.44439	0.2626E-01	1.36366	0.5688E-02
503	197.0	1549.6	0.0	0.44459	0.2674E-01	1.36357	0.5600E-02
503	197.5	1549.6	0.0	0.44486	0.2737E-01	1.36361	0.5634E-02
503	198.0	1549.2	0.0	0.44509	0.2791E-01	1.36367	0.5674E-02
503	198.5	1549.6	0.0	0.44533	0.2846E-01	1.36376	0.5742E-02
503	199.0	1550.0	0.0	0.44549	0.2882E-01	1.36357	0.5600E-02
503	199.5	1549.8	0.0	0.44574	0.2941E-01	1.36370	0.5697E-02
503	200.0	1549.4	0.0	0.44532	0.2843E-01	1.36354	0.5577E-02
503	200.5	1549.4	0.0	0.44568	0.2927E-01	1.36360	0.5626E-02
503	201.0	1549.8	0.0	0.44640	0.3093E-01	1.36345	0.5614E-02
503	201.5	1549.2	0.0	0.44664	0.3147E-01	1.36350	0.5654E-02
503	202.0	1549.0	0.0	0.44616	0.3036E-01	1.36356	0.5594E-02
503	202.5	1549.0	0.0	0.44640	0.3093E-01	1.36356	0.5594E-02
503	203.0	1548.4	0.0	0.44727	0.3294E-01	1.36367	0.5674E-02

503	203.5	1548.0	0.0	0.44698	0.3227E-01	1.36384	0.5799E-02	315.9
503	204.0	1548.8	0.0	0.44725	0.3290E-01	1.36381	0.5782E-02	315.9
503	204.5	1548.6	0.0	0.44730	0.3301E-01	1.36367	0.5679E-02	316.0
503	205.0	1550.8	0.0	0.44817	0.3502E-01	1.36339	0.5469E-02	316.1
503	205.5	1550.2	0.0	0.44775	0.3405E-01	1.36340	0.5480E-02	315.9
503	206.0	1548.6	0.0	0.44807	0.3478E-01	1.36358	0.5611E-02	315.8
503	206.5	1549.4	0.0	0.44887	0.3662E-01	1.36374	0.5725E-02	315.9
503	207.0	1549.8	0.0	0.44916	0.3730E-01	1.36373	0.5719E-02	316.0
503	207.5	1549.6	0.0	0.44940	0.3785E-01	1.36362	0.5640E-02	316.0
503	208.0	1547.6	0.0	0.44961	0.3835E-01	1.36352	0.5560E-02	316.1
503	208.5	1549.0	0.0	0.44976	0.3869E-01	1.36363	0.5645E-02	315.9
503	209.0	1549.6	0.0	0.45007	0.3941E-01	1.36366	0.5665E-02	316.0
503	209.5	1549.8	0.0	0.45038	0.4013E-01	1.36375	0.5736E-02	316.0
503	210.0	1550.4	0.0	0.45057	0.4055E-01	1.36396	0.5690E-02	316.0
503	210.5	1550.0	0.0	0.45010	0.3947E-01	1.36391	0.5650E-02	315.9
503	211.0	1550.0	0.0	0.45101	0.4158E-01	1.36386	0.5616E-02	316.0
503	211.5	1549.6	0.0	0.45132	0.4230E-01	1.36379	0.5765E-02	315.9
503	212.0	1550.0	0.0	0.45092	0.4135E-01	1.36386	0.5616E-02	315.9
503	212.5	1550.0	0.0	0.45115	0.4189E-01	1.36402	0.5936E-02	315.9
503	213.0	1550.0	0.0	0.45204	0.4396E-01	1.36397	0.5696E-02	315.9
503	213.5	1550.4	0.0	0.45226	0.4445E-01	1.36393	0.5667E-02	315.8
503	214.0	1549.8	0.0	0.45184	0.4350E-01	1.36398	0.5901E-02	315.9
503	214.5	1550.6	0.0	0.45278	0.4565E-01	1.36387	0.5627E-02	315.8
503	215.0	1550.0	0.0	0.45303	0.4624E-01	1.36394	0.5679E-02	315.8
503	215.5	1550.2	0.0	0.45328	0.4682E-01	1.36401	0.5924E-02	315.8
503	216.0	1550.0	0.0	0.45283	0.4579E-01	1.36409	0.5987E-02	316.1
503	216.5	1549.4	0.0	0.45378	0.4796E-01	1.36398	0.5901E-02	315.9
503	217.0	1549.6	0.0	0.45406	0.4862E-01	1.36398	0.5901E-02	315.9
503	217.5	1549.8	0.0	0.45429	0.4914E-01	1.36393	0.5867E-02	315.8
503	218.0	1550.6	0.0	0.45449	0.4960E-01	1.36404	0.5953E-02	315.7
503	218.5	1550.0	0.0	0.45480	0.5032E-01	1.36403	0.5941E-02	315.8
503	219.0	1550.2	0.0	0.45375	0.4790E-01	1.36417	0.6044E-02	315.7
503	219.5	1550.4	0.0	0.45411	0.4872E-01	1.36404	0.5953E-02	315.8
503	220.0	1550.8	0.0	0.45560	0.5218E-01	1.36408	0.5975E-02	315.6
503	220.5	1550.0	0.0	0.45593	0.5294E-01	1.36409	0.5987E-02	315.7
503	221.0	1550.4	0.0	0.45619	0.5354E-01	1.36403	0.5941E-02	315.9
503	221.5	1551.6	0.0	0.45651	0.5428E-01	1.36408	0.5975E-02	315.6
503	222.0	1550.2	0.0	0.45603	0.5317E-01	1.36406	0.5964E-02	315.6
503	222.5	1550.6	0.0	0.45637	0.5396E-01	1.36425	0.6106E-02	315.7
503	223.0	1551.0	0.0	0.45661	0.5450E-01	1.36420	0.6066E-02	315.8
503	223.5	1550.8	0.0	0.45700	0.5541E-01	1.36418	0.6049E-02	315.7
503	224.0	1550.6	0.0	0.45779	0.5723E-01	1.36420	0.6066E-02	315.7
503	224.5	1550.2	0.0	0.45808	0.5790E-01	1.36421	0.6078E-02	315.7
503	225.0	1551.0	0.0	0.45837	0.5858E-01	1.36425	0.6101E-02	315.6
503	225.5	1550.6	0.0	0.45867	0.5926E-01	1.36418	0.6049E-02	315.6
503	226.0	1550.0	0.0	0.45894	0.5989E-01	-9.99900	-9.9999E+04	315.6
503	226.5	1550.2	0.0	0.45789	0.5747E-01	-9.99900	-9.9999E+04	315.7
503	227.0	1549.6	0.0	0.45885	0.5968E-01	-9.99900	-9.9999E+04	315.6
503	227.5	1551.4	0.0	0.45979	0.6185E-01	-9.99900	-9.9999E+04	315.6
503	228.0	1551.6	0.0	0.46003	0.6241E-01	-9.99900	-9.9999E+04	315.7
503	228.5	1551.4	0.0	0.45975	0.6176E-01	1.45413	0.7239E-01	315.7
503	229.0	1551.6	0.0	0.46056	0.6363E-01	1.36429	0.6135E-02	315.8
503	229.5	1551.8	0.0	0.46021	0.6283E-01	1.36424	0.6095E-02	315.6
503	230.0	1552.2	0.0	0.46118	0.6506E-01	1.36427	0.6115E-02	315.7
503	230.5	1551.0	0.0	0.46150	0.6581E-01	1.36423	0.6069E-02	315.6
503	231.0	1549.2	0.0	0.46175	0.6637E-01	1.36431	0.6152E-02	315.6
503	231.5	1549.6	0.0	0.46206	0.6714E-01	1.36420	0.6066E-02	315.8
503	232.0	1550.8	0.0	0.46239	0.6786E-01	1.36419	0.6061E-02	315.8
503	232.5	1551.2	0.0	0.46148	0.6576E-01	1.36429	0.6135E-02	315.4
503	233.0	1551.4	0.0	0.46297	0.6919E-01	1.36421	0.6078E-02	315.5

503	233.5	1551.8	0.0	0.46275	0.6869E-01	1.36431	0.6152E-02	315.5
503	234.0	1551.2	0.0	0.46293	0.6910E-01	1.36419	0.6061E-02	315.6
503	234.5	1551.2	0.0	0.46321	0.6976E-01	1.36431	0.6146E-02	315.7
503	235.0	1551.0	0.0	0.46406	0.7175E-01	1.36418	0.6055E-02	315.5
503	235.5	1550.4	0.0	0.46392	0.7134E-01	1.36418	0.6049E-02	315.7
503	236.0	1550.4	0.0	0.46473	0.7326E-01	1.36426	0.6129E-02	315.6
503	236.5	1549.6	0.0	0.46441	0.7251E-01	1.36418	0.6049E-02	315.7
503	237.0	1550.8	0.0	0.46476	0.7338E-01	1.36423	0.6089E-02	315.5
503	237.5	1550.2	0.0	0.46561	0.7528E-01	1.36421	0.6072E-02	315.6
503	238.0	1550.8	0.0	0.46593	0.7603E-01	1.36420	0.6066E-02	315.5
503	238.5	1551.2	0.0	0.46621	0.7668E-01	1.36413	0.6015E-02	315.7
503	239.0	1551.0	0.0	0.46669	0.7778E-01	1.36715	0.2299E-01	315.5
503	239.5	1551.6	0.0	0.46628	0.7684E-01	1.36418	0.6055E-02	315.5
503	240.0	1550.2	0.0	0.46664	0.7768E-01	1.36409	0.5987E-02	315.4
503	240.5	1549.6	0.0	0.46551	0.7506E-01	1.36414	0.6021E-02	315.3
503	241.0	1550.2	0.0	0.46799	0.8078E-01	1.36407	0.5970E-02	315.0
503	241.5	1550.2	0.0	0.46753	0.7971E-01	1.36411	0.6004E-02	315.5
503	242.0	1549.4	0.0	0.46856	0.8211E-01	1.36415	0.6032E-02	315.5
503	242.5	1549.4	0.0	0.46889	0.8286E-01	1.36406	0.5975E-02	315.4
503	243.0	1549.6	0.0	0.46921	0.8359E-01	1.37920	0.1713E-01	315.4
503	243.5	1550.0	0.0	0.46949	0.8425E-01	1.36411	0.5996E-02	315.4
503	244.0	1551.0	0.0	0.46983	0.8505E-01	1.36406	0.5964E-02	315.4
503	244.5	1550.6	0.0	0.47020	0.8590E-01	1.43836	0.6076E-01	315.5
503	245.0	1551.6	0.0	0.46949	0.8425E-01	-9.99900	-.9999E+04	315.4
503	245.5	1551.2	0.0	0.47096	0.8764E-01	-9.99900	-.9999E+04	315.5
503	246.0	1552.0	0.0	0.47127	0.8835E-01	-9.99900	-.9999E+04	315.5
503	246.5	1552.8	0.0	0.47151	0.8891E-01	-9.99900	-.9999E+04	315.5
503	247.0	1551.6	0.0	0.47118	0.8816E-01	1.36390	0.5845E-02	315.5
503	247.5	1550.6	0.0	0.47219	0.9048E-01	1.36398	0.5901E-02	315.3
503	248.0	1549.6	0.0	0.47265	0.9158E-01	1.36399	0.5913E-02	315.5
503	248.5	1549.0	0.1	0.47290	0.9213E-01	1.34053	-.1139E-01	315.5
503	249.0	1549.8	0.0	0.47341	0.9330E-01	1.31754	-.2834E-01	315.6
503	249.5	1549.4	0.0	0.47317	0.9274E-01	1.36396	0.5890E-02	314.9
503	250.0	1549.4	0.0	0.47349	0.9349E-01	1.36390	0.5845E-02	315.2
503	250.5	1549.6	0.0	0.47439	0.9557E-01	1.36375	0.5736E-02	315.7
503	251.0	1549.8	0.0	0.47488	0.9671E-01	1.36369	0.5691E-02	315.4
503	251.5	1549.8	0.0	0.47469	0.9626E-01	1.36364	0.5657E-02	315.3
503	252.0	1548.8	0.0	0.47555	0.9824E-01	1.36366	0.5666E-02	315.2
503	252.5	1548.8	0.0	0.47586	0.9897E-01	1.36357	0.5605E-02	315.4
503	253.0	1548.4	0.0	0.47633	0.1000E+00	1.36349	0.5543E-02	315.6
503	253.5	1549.0	0.0	0.47625	0.9985E-01	1.36357	0.5600E-02	315.4
503	254.0	1549.2	0.0	0.47702	0.1016E+00	1.36351	0.5560E-02	315.2
503	254.5	1550.2	0.1	0.47685	0.1012E+00	1.36350	0.5554E-02	315.4
503	255.0	1549.6	0.1	0.47722	0.1021E+00	1.36340	0.5475E-02	315.3
503	255.5	1550.6	0.0	0.47750	0.1028E+00	1.36333	0.5429E-02	315.5
503	256.0	1550.4	0.0	0.47859	0.1053E+00	1.36327	0.5384E-02	315.4
503	256.5	1550.0	0.0	0.47900	0.1052E+00	1.36306	0.5230E-02	315.5
503	257.0	1549.6	0.0	0.47925	0.1058E+00	1.36306	0.5224E-02	315.5
503	257.5	1550.6	0.1	0.47977	0.1050E+00	1.36292	0.5122E-02	315.5
503	258.0	1549.6	0.0	0.48012	0.1088E+00	1.36263	0.5054E-02	315.5
503	258.5	1550.4	0.0	0.47970	0.1078E+00	1.36279	0.5025E-02	315.5
503	259.0	1550.2	0.0	0.48104	0.1109E+00	1.36272	0.4974E-02	315.5
503	259.5	1550.0	0.0	0.48086	0.1106E+00	1.36257	0.4866E-02	315.4
503	260.0	1549.0	0.0	0.48178	0.1126E+00	1.36243	0.4763E-02	315.4
503	260.5	1549.2	0.0	0.48218	0.1136E+00	1.36226	0.4636E-02	315.3
503	261.0	1549.6	0.0	0.48209	0.1134E+00	1.36216	0.4564E-02	315.4
503	261.5	1549.2	0.0	0.48237	0.1140E+00	1.36195	0.4405E-02	315.2
503	262.0	1549.0	0.1	0.48344	0.1165E+00	1.36179	0.4291E-02	315.4
503	262.5	1549.4	0.0	0.48318	0.1159E+00	1.36142	0.4016E-02	315.3
503	263.0	1548.6	0.0	0.48329	0.1161E+00	1.36117	0.3830E-02	315.4

503	263.5	1549.0	0.0	0.48425	0.1183E+00	1.36066	0.3460E-02	315.3
503	264.0	1550.4	0.0	0.48473	0.1194E+00	1.35985	0.2862E-02	315.3
503	264.5	1550.6	0.0	0.48512	0.1204E+00	1.35767	0.1252E-02	315.0
503	265.0	1346.2	0.1	0.48353	0.1167E+00	1.35645	0.3529E-03	283.3
503	265.5	1267.8	0.1	0.48484	0.1197E+00	1.35633	0.2618E-03	287.4
503	266.0	1257.0	0.1	0.48478	0.1146E+00	1.35641	0.3187E-03	238.6
503	266.5	1415.2	0.1	0.48370	0.1171E+00	1.35699	0.7512E-03	13.8
503	267.0	1513.6	0.1	0.48490	0.1198E+00	1.35764	0.1229E-02	14.1
503	267.5	1567.6	0.0	0.48518	0.1205E+00	1.35823	0.1667E-02	14.5
503	268.0	1578.4	0.0	0.48508	0.1202E+00	1.35823	0.1667E-02	14.5
503	268.5	1572.8	0.1	0.48510	0.1203E+00	1.35828	0.1702E-02	14.4
503	269.0	1570.2	0.1	0.48451	0.1189E+00	1.35845	0.1827E-02	14.5

504	205.0						
504	200.0	1572.4	0.1	0.43602	0.6631E-02	1.40868	0.5341E-02 22.4
504	200.5	1571.2	0.1	0.43604	0.6676E-02	1.40893	0.5380E-02 22.4
504	201.0	1569.0	0.1	0.43610	0.6810E-02	1.40909	0.5495E-02 22.4
504	201.5	1567.8	0.1	0.43613	0.6885E-02	1.40913	0.5517E-02 22.5
504	202.0	1565.6	0.1	0.43617	0.6960E-02	1.40911	0.5506E-02 22.6
504	202.5	1565.0	0.1	0.43619	0.7020E-02	1.40913	0.5517E-02 22.5
504	203.0	1563.8	0.1	0.43620	0.7035E-02	1.40920	0.5572E-02 22.6
504	203.5	1561.0	0.1	0.43622	0.7095E-02	1.40922	0.5584E-02 22.7
504	204.0	1559.8	0.1	0.43623	0.7110E-02	1.40921	0.5576E-02 22.3
504	204.5	1557.6	0.1	0.43621	0.7065E-02	1.40919	0.5567E-02 22.8
504	205.0	1561.8	0.1	0.43681	0.8442E-02	1.40932	0.5655E-02 285.4
504	205.5	1560.8	0.1	0.43715	0.9235E-02	1.40942	0.5727E-02 285.6
504	206.0	1559.4	0.1	0.43742	0.9844E-02	1.40949	0.5776E-02 286.0
504	206.5	1557.4	0.1	0.43768	0.1045E-01	1.40957	0.5837E-02 286.1
504	207.0	1555.4	0.1	0.43789	0.1094E-01	1.40963	0.5875E-02 285.6
504	207.5	1554.0	0.1	0.43814	0.1151E-01	1.40970	0.5925E-02 286.0
504	208.0	1552.2	0.1	0.43834	0.1147E-01	1.40970	0.5930E-02 286.0
504	208.5	1552.0	0.1	0.43854	0.1244E-01	1.40983	0.6014E-02 286.0
504	209.0	1550.4	0.1	0.43873	0.1289E-01	1.40989	0.6063E-02 285.8
504	209.5	1549.2	0.1	0.43892	0.1332E-01	1.40993	0.6090E-02 285.9
504	210.0	1549.0	0.1	0.43916	0.1386E-01	1.41000	0.6145E-02 285.7
504	210.5	1547.8	0.1	0.43934	0.1428E-01	1.41005	0.6178E-02 285.8
504	211.0	1546.8	0.1	0.43953	0.1473E-01	1.41011	0.6222E-02 285.7
504	211.5	1546.4	0.1	0.43963	0.1497E-01	1.41014	0.6244E-02 285.8
504	212.0	1546.8	0.1	0.43989	0.1557E-01	1.41024	0.6310E-02 285.9
504	212.5	1546.8	0.1	0.44004	0.1591E-01	1.34443	0.4065E-01 285.2
504	213.0	1547.2	0.1	0.44022	0.1633E-01	1.41042	0.6443E-02 285.6
504	213.5	1547.0	0.1	0.44042	0.1678E-01	1.41058	0.6558E-02 285.7
504	214.0	1546.6	0.1	0.44057	0.1712E-01	1.41043	0.6446E-02 285.6
504	214.5	1547.4	0.1	0.44082	0.1771E-01	1.41051	0.6503E-02 285.6
504	215.0	1547.0	0.1	0.44089	0.1787E-01	1.41055	0.6536E-02 285.7
504	215.5	1547.6	0.1	0.44113	0.1841E-01	1.41073	0.6663E-02 285.6
504	216.0	1548.2	0.1	0.44128	0.1875E-01	1.41078	0.6696E-02 285.7
504	216.5	1548.8	0.1	0.44147	0.1920E-01	1.41075	0.6674E-02 285.7
504	217.0	1548.2	0.1	0.44170	0.1973E-01	1.41088	0.6773E-02 285.6
504	217.5	1548.4	0.1	0.44185	0.2009E-01	1.41094	0.6811E-02 285.6
504	218.0	1548.8	0.1	0.44205	0.2055E-01	1.41098	0.6834E-02 285.7
504	218.5	1548.6	0.1	0.44218	0.2084E-01	1.41086	0.6756E-02 285.5
504	219.0	1548.8	0.1	0.44244	0.2143E-01	1.41108	0.6911E-02 285.6
504	219.5	1549.2	0.1	0.44258	0.2176E-01	1.41105	0.6889E-02 285.4
504	220.0	1549.2	0.1	0.44278	0.2223E-01	1.41118	0.6962E-02 285.5
504	220.5	1548.8	0.1	0.44300	0.2274E-01	1.41112	0.6938E-02 285.5
504	221.0	1549.4	0.1	0.44320	0.2320E-01	1.41126	0.7037E-02 285.4
504	221.5	1548.6	0.1	0.44337	0.2354E-01	1.41122	0.7015E-02 285.4
504	222.0	1548.2	0.1	0.44356	0.2402E-01	1.41131	0.7076E-02 285.7
504	222.5	1548.4	0.1	0.44371	0.2438E-01	1.41126	0.7043E-02 285.5
504	223.0	1548.2	0.1	0.44397	0.2497E-01	1.41123	0.7021E-02 285.4
504	223.5	1548.8	0.1	0.44423	0.2557E-01	1.41153	0.7235E-02 285.6
504	224.0	1549.6	0.1	0.44437	0.2584E-01	1.41146	0.7186E-02 285.6
504	224.5	1550.2	0.1	0.44456	0.2633E-01	1.41146	0.7186E-02 285.5
504	225.0	1550.0	0.1	0.44484	0.2699E-01	1.41146	0.7186E-02 285.4
504	225.5	1549.2	0.1	0.44498	0.2730E-01	1.41159	0.7274E-02 285.5
504	226.0	1548.2	0.1	0.44520	0.2783E-01	1.41178	0.7412E-02 285.1
504	226.5	1548.2	0.1	0.44542	0.2832E-01	1.41167	0.7335E-02 285.5
504	227.0	1546.4	0.1	0.44501	0.2738E-01	1.41172	0.7266E-02 285.4
504	227.5	1547.6	0.1	0.44578	0.2916E-01	1.41167	0.7335E-02 285.5
504	228.0	1546.6	0.1	0.44603	0.2973E-01	1.41175	0.7390E-02 285.4
504	228.5	1548.6	0.1	0.44627	0.3028E-01	1.41184	0.7456E-02 285.3
504	229.0	1547.6	0.1	0.44649	0.3079E-01	1.41178	0.7412E-02 285.6

504	229.5	1548.0	0.1	0.44677	0.3143E-01	1.41198	0.7555E-02	285.3
504	230.0	1548.8	0.1	0.44696	0.3188E-01	1.41195	0.7533E-02	285.2
504	230.5	1548.6	0.1	0.44721	0.3247E-01	1.41194	0.7527E-02	285.5
504	231.0	1548.8	0.1	0.44739	0.3287E-01	1.41196	0.7538E-02	285.5
504	231.5	1548.2	0.1	0.44761	0.3338E-01	1.41197	0.7549E-02	285.5
504	232.0	1548.0	0.1	0.44785	0.3393E-01	1.41200	0.7566E-02	285.3
504	232.5	1548.4	0.1	0.44811	0.3453E-01	1.41197	0.7544E-02	285.4
504	233.0	1549.2	0.1	0.44837	0.3513E-01	1.41207	0.7615E-02	285.4
504	233.5	1548.6	0.1	0.44858	0.3561E-01	1.41221	0.7720E-02	285.5
504	234.0	1548.8	0.1	0.44880	0.3613E-01	1.41215	0.7676E-02	285.3
504	234.5	1548.2	0.1	0.44906	0.3672E-01	1.41224	0.7742E-02	285.3
504	235.0	1549.0	0.1	0.44841	0.3523E-01	1.41232	0.7797E-02	285.3
504	235.5	1549.4	0.1	0.44948	0.3770E-01	1.41234	0.7814E-02	285.5
504	236.0	1548.6	0.1	0.44979	0.3841E-01	1.41232	0.7797E-02	285.3
504	236.5	1548.6	0.1	0.45004	0.3899E-01	1.41244	0.7880E-02	285.5
504	237.0	1547.6	0.1	0.45029	0.3957E-01	1.41248	0.7913E-02	285.3
504	237.5	1548.6	0.1	0.45053	0.4011E-01	1.41257	0.7973E-02	285.4
504	238.0	1549.2	0.1	0.45071	0.4055E-01	1.41254	0.7951E-02	285.1
504	238.5	1548.0	0.1	0.45098	0.4117E-01	1.41258	0.7984E-02	285.4
504	239.0	1549.4	0.1	0.45125	0.4178E-01	1.41267	0.8045E-02	285.0
504	239.5	1549.6	0.1	0.45155	0.4248E-01	1.41260	0.7995E-02	285.5
504	240.0	1549.8	0.1	0.45179	0.4303E-01	1.41271	0.8072E-02	285.0
504	240.5	1550.4	0.1	0.45207	0.4368E-01	1.41278	0.8126E-02	285.2
504	241.0	1550.0	0.1	0.45233	0.4427E-01	1.41274	0.8100E-02	285.3
504	241.5	1550.2	0.1	0.45258	0.4484E-01	1.41281	0.8144E-02	285.2
504	242.0	1549.6	0.1	0.45281	0.4538E-01	1.41284	0.8205E-02	284.9
504	242.5	1549.6	0.1	0.45306	0.4597E-01	1.41284	0.8205E-02	285.0
504	243.0	1549.8	0.1	0.45341	0.4676E-01	1.41301	0.8293E-02	285.2
504	243.5	1549.8	0.1	0.45367	0.4737E-01	1.41315	0.8386E-02	284.9
504	244.0	1549.6	0.1	0.45394	0.4799E-01	1.41319	0.8419E-02	285.1
504	244.5	1550.0	0.1	0.45415	0.4848E-01	1.41312	0.8370E-02	284.9
504	245.0	1550.2	0.1	0.45442	0.4909E-01	1.41333	0.8518E-02	284.9
504	245.5	1548.8	0.1	0.45473	0.4981E-01	1.41326	0.8469E-02	285.2
504	246.0	1550.2	0.1	0.45499	0.5043E-01	1.41334	0.8562E-02	285.1
504	246.5	1550.0	0.1	0.45531	0.5116E-01	1.41341	0.8574E-02	285.2
504	247.0	1549.8	0.1	0.45561	0.5185E-01	1.41334	0.8524E-02	285.3
504	247.5	1549.8	0.1	0.45582	0.5233E-01	1.41353	0.8662E-02	285.1
504	248.0	1549.4	0.1	0.45606	0.5294E-01	1.41355	0.8678E-02	285.4
504	248.5	1549.8	0.1	0.45637	0.5361E-01	1.41350	0.8640E-02	285.3
504	249.0	1549.4	0.1	0.45664	0.5423E-01	1.41359	0.8700E-02	284.9
504	249.5	1549.6	0.1	0.45697	0.5499E-01	1.41374	0.8849E-02	285.2
504	250.0	1549.6	0.1	0.45725	0.5564E-01	1.41364	0.8772E-02	285.4
504	250.5	1549.2	0.1	0.45755	0.5634E-01	1.41381	0.8860E-02	285.2
504	251.0	1549.0	0.1	0.45786	0.5704E-01	1.41393	0.8942E-02	285.2
504	251.5	1549.6	0.1	0.45813	0.5766E-01	1.41382	0.8865E-02	285.1
504	252.0	1549.6	0.1	0.45844	0.5851E-01	1.41405	0.9031E-02	285.1
504	252.5	1549.8	0.1	0.45882	0.5926E-01	1.41392	0.8937E-02	285.1
504	253.0	1549.6	0.1	0.45910	0.5990E-01	1.41394	0.8953E-02	285.3
504	253.5	1549.2	0.1	0.45940	0.6060E-01	1.41403	0.9014E-02	285.1
504	254.0	1549.4	0.1	0.45968	0.6125E-01	1.34630	-0.3931E-01	285.3
504	254.5	1549.8	0.1	0.46002	0.6204E-01	1.41436	0.9251E-02	285.1
504	255.0	1549.6	0.1	0.46026	0.6263E-01	1.41440	0.9270E-02	285.3
504	255.5	1550.2	0.1	0.46067	0.6352E-01	1.41419	0.9130E-02	284.7
504	256.0	1550.0	0.1	0.46093	0.6412E-01	1.41441	0.9289E-02	285.3
504	256.5	1549.8	0.1	0.46126	0.6490E-01	1.41436	0.9256E-02	284.8
504	257.0	1549.2	0.1	0.46152	0.6550E-01	1.41441	0.9284E-02	285.1
504	257.5	1551.0	0.1	0.46189	0.6635E-01	1.41455	0.9384E-02	285.0
504	258.0	1550.2	0.1	0.46226	0.6721E-01	1.41464	0.9486E-02	284.9
504	258.5	1551.4	0.1	0.46253	0.6783E-01	1.41477	0.9546E-02	285.2
504	259.0	1551.2	0.1	0.46285	0.6855E-01	1.41488	0.9625E-02	285.1

504	259.5	1550.4	0.1	0.46316	0.6927E-01	1.41500	0.9708E-02	285.2
504	260.0	1550.4	0.1	0.46351	0.7008E-01	1.41495	0.9675E-02	285.2
504	260.5	1550.8	0.1	0.46379	0.7074E-01	1.41490	0.9680E-02	284.9
504	261.0	1550.8	0.1	0.46413	0.7152E-01	1.41497	0.9686E-02	285.3
504	261.5	1551.0	0.1	0.46442	0.7219E-01	1.41504	0.9741E-02	285.1
504	262.0	1552.2	0.1	0.46480	0.7307E-01	1.41509	0.9774E-02	285.1
504	262.5	1551.6	0.1	0.46515	0.7387E-01	1.41521	0.9857E-02	284.7
504	263.0	1551.4	0.1	0.46545	0.7457E-01	1.41511	0.9785E-02	285.2
504	263.5	1552.0	0.1	0.46580	0.7536E-01	1.41529	0.9917E-02	285.2
504	264.0	1551.0	0.1	0.46608	0.7602E-01	1.41524	0.9684E-02	285.1
504	264.5	1551.6	0.1	0.46648	0.7693E-01	1.41528	0.9900E-02	284.9
504	265.0	1551.4	0.1	0.46685	0.7779E-01	1.41542	0.1001E-01	285.0
504	265.5	1551.0	0.1	0.46715	0.7849E-01	1.41537	0.9972E-02	285.2
504	266.0	1550.6	0.1	0.46751	0.7933E-01	1.41537	0.9972E-02	285.0
504	266.5	1550.6	0.1	0.46784	0.8009E-01	1.41548	0.1005E-01	285.1
504	267.0	1549.4	0.1	0.46820	0.8092E-01	1.41554	0.1009E-01	285.0
504	267.5	1548.4	0.1	0.46854	0.8169E-01	1.41562	0.1015E-01	285.1
504	268.0	1549.4	0.1	0.46888	0.8249E-01	1.41575	0.1025E-01	284.9
504	268.5	1548.2	0.1	0.46918	0.8318E-01	1.41572	0.1022E-01	285.1
504	269.0	1549.4	0.1	0.46954	0.8401E-01	1.41585	0.1031E-01	285.0
504	269.5	1549.4	0.1	0.46989	0.8482E-01	1.41585	0.1032E-01	285.1
504	270.0	1549.2	0.1	0.47024	0.8563E-01	1.41589	0.1035E-01	285.2
504	270.5	1549.2	0.1	0.47059	0.8644E-01	1.41595	0.1039E-01	285.1
504	271.0	1548.8	0.1	0.47100	0.8738E-01	1.41605	0.1046E-01	285.2
504	271.5	1549.6	0.1	0.47134	0.8818E-01	1.41611	0.1050E-01	285.0
504	272.0	1549.2	0.1	0.47169	0.8897E-01	1.41621	0.1057E-01	285.1
504	272.5	1549.0	0.1	0.47211	0.8994E-01	1.41629	0.1063E-01	285.0
504	273.0	1548.8	0.1	0.47247	0.9078E-01	1.41649	0.1078E-01	284.8
504	273.5	1549.0	0.1	0.47278	0.9148E-01	1.41652	0.1079E-01	284.9
504	274.0	1548.6	0.1	0.47317	0.9238E-01	1.41648	0.1077E-01	284.7
504	274.5	1548.8	0.1	0.47358	0.9334E-01	1.41665	0.1089E-01	284.9
504	275.0	1549.4	0.1	0.47324	0.9256E-01	1.41658	0.1084E-01	284.9
504	275.5	1551.0	0.1	0.47428	0.9496E-01	1.41686	0.1103E-01	284.7
504	276.0	1550.4	0.1	0.47473	0.9599E-01	1.41676	0.1097E-01	285.0
504	276.5	1549.8	0.1	0.47505	0.9674E-01	1.41679	0.1099E-01	285.0
504	277.0	1550.8	0.1	0.47544	0.9764E-01	1.41682	0.1101E-01	285.1
504	277.5	1550.4	0.1	0.47584	0.9856E-01	1.41686	0.1103E-01	284.9
504	278.0	1551.0	0.1	0.47624	0.9948E-01	1.41694	0.1110E-01	285.1
504	278.5	1552.4	0.1	0.47669	0.1005E+00	1.41714	0.1124E-01	284.9
504	279.0	1552.0	0.1	0.47707	0.1014E+00	1.41714	0.1123E-01	285.1
504	279.5	1551.2	0.1	0.47755	0.1025E+00	1.41734	0.1136E-01	285.0
504	280.0	1551.0	0.1	0.47794	0.1034E+00	1.41749	0.1149E-01	285.0
504	280.5	1550.4	0.1	0.47833	0.1043E+00	1.41734	0.1138E-01	284.8
504	281.0	1552.0	0.1	0.47874	0.1053E+00	1.41749	0.1149E-01	284.9
504	281.5	1551.8	0.1	0.47916	0.1062E+00	1.41759	0.1156E-01	285.0
504	282.0	1551.8	0.1	0.47961	0.1073E+00	1.41755	0.1153E-01	285.0
504	282.5	1551.8	0.1	0.47997	0.1081E+00	1.41763	0.1159E-01	285.0
504	283.0	1551.0	0.1	0.48043	0.1092E+00	1.41770	0.1164E-01	285.0
504	283.5	1551.4	0.1	0.48084	0.1101E+00	1.41781	0.1172E-01	285.1
504	284.0	1550.2	0.1	0.48126	0.1111E+00	1.41792	0.1179E-01	284.9
504	284.5	1548.6	0.1	0.48162	0.1119E+00	1.41788	0.1177E-01	285.2
504	285.0	1547.6	0.1	0.48210	0.1130E+00	1.41798	0.1183E-01	284.6
504	285.5	1547.6	0.1	0.48252	0.1140E+00	1.46330	0.4416E-01	284.9
504	286.0	1548.0	0.1	0.48305	0.1152E+00	1.41815	0.1196E-01	284.7
504	286.5	1548.0	0.1	0.48243	0.1136E+00	1.41831	0.1207E-01	285.0
504	287.0	1548.2	0.1	0.48381	0.1170E+00	1.41850	0.1221E-01	284.8
504	287.5	1549.0	0.1	0.48429	0.1181E+00	1.41850	0.1225E-01	284.9
504	288.0	1549.2	0.1	0.48473	0.1191E+00	1.41857	0.1226E-01	284.9
504	288.5	1550.0	0.1	0.48514	0.1200E+00	1.41867	0.1233E-01	284.6
504	289.0	1550.0	0.1	0.48501	0.1197E+00	1.41871	0.1236E-01	284.6

504	289.5	1548.8	0.1	0.48617	0.1224E+00	1.41886	0.1246E-01	284.9
504	290.0	1550.0	0.1	0.48657	0.1233E+00	1.41898	0.1255E-01	284.6
504	290.5	1549.0	0.1	0.48706	0.1245E+00	-9.99900	-.9999E+04	284.9
504	291.0	1550.4	0.1	0.48757	0.1250E+00	1.41907	0.1262E-01	284.8
504	291.5	1550.0	0.1	0.48808	0.1268E+00	1.41919	0.1270E-01	284.7
504	292.0	1548.8	0.1	0.48853	0.1279E+00	1.41923	0.1273E-01	284.9
504	292.5	1549.0	0.1	0.48905	0.1291E+00	1.41936	0.1282E-01	284.9
504	293.0	1550.2	0.1	0.48954	0.1302E+00	1.41950	0.1292E-01	284.8
504	293.5	1549.4	0.1	0.49004	0.1313E+00	1.41950	0.1292E-01	284.8
504	294.0	1550.0	0.1	0.49053	0.1325E+00	1.41973	0.1300E-01	284.9
504	294.5	1549.4	0.1	0.49107	0.1337E+00	1.41987	0.1316E-01	284.9
504	295.0	1550.0	0.1	0.49159	0.1349E+00	1.41988	0.1319E-01	284.6
504	295.5	1550.0	0.1	0.49212	0.1361E+00	1.41996	0.1325E-01	284.9
504	296.0	1550.4	0.1	0.49260	0.1373E+00	1.42007	0.1333E-01	284.9
504	296.5	1549.8	0.1	0.49317	0.1386E+00	1.42016	0.1339E-01	284.9
504	297.0	1548.8	0.1	0.49374	0.1399E+00	1.42028	0.1346E-01	284.7
504	297.5	1549.4	0.1	0.49425	0.1411E+00	1.42042	0.1358E-01	284.8
504	298.0	1549.2	0.1	0.49483	0.1424E+00	1.42051	0.1367E-01	284.9
504	298.5	1549.6	0.1	0.49543	0.1438E+00	1.42073	0.1380E-01	284.8
504	299.0	1550.0	0.1	0.49602	0.1452E+00	1.42073	0.1386E-01	284.9
504	299.5	1550.8	0.1	0.49657	0.1464E+00	1.42095	0.1395E-01	284.8
504	300.0	1550.4	0.1	0.49631	0.1458E+00	1.42106	0.1404E-01	285.0
504	300.5	1551.4	0.1	0.49771	0.1490E+00	1.42129	0.1420E-01	284.8
504	301.0	1551.6	0.1	0.49828	0.1504E+00	1.42146	0.1432E-01	284.7
504	301.5	1551.4	0.1	0.49892	0.1518E+00	1.42175	0.1453E-01	284.8
504	302.0	1551.8	0.1	0.49950	0.1532E+00	1.42189	0.1463E-01	284.9
504	302.5	1551.4	0.1	0.50009	0.1545E+00	1.42215	0.1481E-01	284.8
504	303.0	1551.2	0.1	0.50069	0.1559E+00	1.42245	0.1503E-01	284.7
504	303.5	1551.0	0.1	0.50133	0.1574E+00	1.42269	0.1520E-01	284.6
504	304.0	1550.8	0.1	0.50062	0.1558E+00	1.42319	0.1556E-01	284.6
504	304.5	1551.6	0.1	0.50245	0.1600E+00	1.42356	0.1581E-01	284.6
504	305.0	1549.8	0.1	0.50251	0.1601E+00	1.42315	0.1553E-01	284.7
504	305.5	1490.0	0.1	0.49957	0.1533E+00	1.33776	-.4541E-01	254.2
504	306.0	1433.8	0.1	0.49894	0.1519E+00	1.37730	-.1719E-01	259.5
504	306.5	1394.4	0.1	0.49952	0.1532E+00	1.42129	0.1420E-01	261.0
504	307.0	1370.4	0.1	0.49896	0.1519E+00	1.42234	0.1495E-01	262.4
504	307.5	1366.6	0.1	0.49845	0.1507E+00	1.41553	0.1009E-01	262.7
504	308.0	1382.0	0.1	0.49902	0.1521E+00	1.41527	0.9901E-02	263.4
504	308.5	1415.4	0.1	0.49981	0.1539E+00	1.42062	0.1372E-01	15.0
504	309.0	1490.0	0.1	0.50086	0.1563E+00	1.42232	0.1493E-01	14.7
504	309.5	1546.8	0.1	0.50079	0.1561E+00	1.42308	0.1548E-01	14.9

505	136.5							
505	131.5	1559.6	0.0	0.43622	0.6492E-02	1.41792	0.5059E-02	21.7
505	132.0	1569.8	0.0	0.43619	0.6432E-02	1.41810	0.5185E-02	22.0
505	132.5	1567.8	0.0	0.43618	0.6403E-02	1.41807	0.5163E-02	22.2
505	133.0	1565.4	0.0	0.43617	0.6373E-02	1.41812	0.5196E-02	22.0
505	133.5	1563.2	0.0	0.43616	0.6358E-02	1.41818	0.5245E-02	22.2
505	134.0	1560.8	0.0	0.43617	0.6373E-02	1.41835	0.5366E-02	22.1
505	134.5	1559.8	0.0	0.43619	0.6432E-02	1.41833	0.5349E-02	22.2
505	135.0	1557.2	0.0	0.43622	0.6507E-02	1.41846	0.5442E-02	22.2
505	135.5	1555.8	0.0	0.43622	0.6492E-02	1.41851	0.5475E-02	22.3
505	136.0	1554.0	0.0	0.43626	0.6582E-02	1.41853	0.5492E-02	22.3
505	136.5	1555.6	0.0	0.43661	0.7390E-02	1.41859	0.5535E-02	240.0
505	137.0	1555.6	0.0	0.43687	0.8003E-02	1.41865	0.5574E-02	243.5
505	137.5	1554.0	0.0	0.43711	0.8542E-02	1.41872	0.5623E-02	243.8
505	138.0	1552.4	0.0	0.43730	0.8990E-02	1.41884	0.5710E-02	244.2
505	138.5	1550.8	0.0	0.43749	0.9424E-02	1.41894	0.5782E-02	244.3
505	139.0	1549.2	0.0	0.43766	0.9813E-02	1.41896	0.5796E-02	244.2
505	139.5	1548.4	0.0	0.43784	0.1023E-01	1.41896	0.5792E-02	244.4
505	140.0	1546.0	0.0	0.43803	0.1067E-01	1.41910	0.5896E-02	244.3
505	140.5	1546.6	0.0	0.43814	0.1094E-01	1.41920	0.5962E-02	244.3
505	141.0	1546.4	0.0	0.43833	0.1135E-01	1.41928	0.6022E-02	243.8
505	141.5	1545.2	0.0	0.43855	0.1186E-01	1.41937	0.6088E-02	244.2
505	142.0	1544.0	0.0	0.43868	0.1218E-01	1.41937	0.6082E-02	244.0
505	142.5	1544.0	0.0	0.43882	0.1249E-01	1.41941	0.6115E-02	243.9
505	143.0	1544.6	0.0	0.43895	0.1281E-01	1.41943	0.6132E-02	243.8
505	143.5	1544.4	0.0	0.43908	0.1309E-01	1.41959	0.6241E-02	243.7
505	144.0	1544.6	0.0	0.43927	0.1354E-01	1.41964	0.6274E-02	243.6
505	144.5	1545.4	0.0	0.43940	0.1384E-01	1.41972	0.6334E-02	243.6
505	145.0	1544.6	0.0	0.43954	0.1415E-01	1.41971	0.6328E-02	243.4
505	145.5	1545.6	0.0	0.43968	0.1448E-01	1.41982	0.6405E-02	243.4
505	146.0	1544.4	0.0	0.43984	0.1485E-01	1.41991	0.6471E-02	243.5
505	146.5	1545.8	0.0	0.43999	0.1520E-01	1.41997	0.6509E-02	243.3
505	147.0	1546.0	0.0	0.44016	0.1559E-01	1.42000	-0.9499E+04	242.8
505	147.5	1546.6	0.0	0.44032	0.1595E-01	1.42012	0.6618E-02	243.4
505	148.0	1547.2	0.0	0.44046	0.1628E-01	1.42018	0.6662E-02	243.1
505	148.5	1547.0	0.0	0.44059	0.1657E-01	1.42018	0.6646E-02	243.2
505	149.0	1547.4	0.0	0.44072	0.1687E-01	1.42023	0.6695E-02	243.0
505	149.5	1547.4	0.1	0.44091	0.1732E-01	1.42037	0.6793E-02	243.3
505	150.0	1547.6	0.0	0.44104	0.1762E-01	1.42040	0.6815E-02	243.2
505	150.5	1549.0	0.0	0.44116	0.1791E-01	1.42053	0.6906E-02	243.0
505	151.0	1548.0	0.0	0.44135	0.1832E-01	1.42049	0.6881E-02	243.0
505	151.5	1549.0	0.0	0.44150	0.1867E-01	1.42051	0.6892E-02	243.0
505	152.0	1548.0	0.0	0.44163	0.1898E-01	1.42060	0.6957E-02	243.1
505	152.5	1548.2	0.0	0.44176	0.1928E-01	1.42068	0.7012E-02	243.0
505	153.0	1548.6	0.0	0.44194	0.1969E-01	1.42075	0.7067E-02	242.8
505	153.5	1548.6	0.0	0.44211	0.2009E-01	1.42079	0.7089E-02	242.8
505	154.0	1548.6	0.0	0.44222	0.2034E-01	1.42084	0.7160E-02	243.1
505	154.5	1547.6	0.0	0.44237	0.2069E-01	1.42090	0.7171E-02	242.9
505	155.0	1549.4	0.0	0.44255	0.2109E-01	1.42092	0.7187E-02	243.0
505	155.5	1549.6	0.0	0.44273	0.2151E-01	1.42103	0.7264E-02	242.6
505	156.0	1549.6	0.0	0.44290	0.2190E-01	1.42106	0.7242E-02	242.9
505	156.5	1549.2	0.0	0.44299	0.2212E-01	1.42104	0.7269E-02	242.6
505	157.0	1548.6	0.0	0.44317	0.2253E-01	1.42114	0.7340E-02	242.7
505	157.5	1548.2	0.0	0.44333	0.2290E-01	1.42126	0.7425E-02	242.8
505	158.0	1549.0	0.0	0.44347	0.2322E-01	1.42126	0.7423E-02	242.6
505	158.5	1549.0	0.0	0.44364	0.2361E-01	1.42124	0.7412E-02	242.7
505	159.0	1549.2	0.0	0.44385	0.2410E-01	1.42133	0.7472E-02	242.7
505	159.5	1549.4	0.0	0.44400	0.2446E-01	1.42133	0.7472E-02	242.6
505	160.0	1549.8	0.0	0.44411	0.2470E-01	1.42139	0.7515E-02	242.7
505	160.5	1549.6	0.0	0.44433	0.2521E-01	1.42143	0.7543E-02	242.4

505	161.0	1549.4	0.0	0.44449	0.2558E-01	1.42142	0.7537E-02	242.6
505	161.5	1550.0	0.0	0.44461	0.2586E-01	1.42150	0.7597E-02	242.1
505	162.0	1550.6	0.0	0.44482	0.2634E-01	1.42157	0.7647E-02	242.3
505	162.5	1549.4	0.1	0.44498	0.2670E-01	1.42169	0.7729E-02	242.5
505	163.0	1549.8	0.0	0.44513	0.2705E-01	1.42176	0.7778E-02	242.5
505	163.5	1549.8	0.0	0.44526	0.2735E-01	1.42173	0.7762E-02	242.4
505	164.0	1549.6	0.0	0.44545	0.2779E-01	1.42177	0.7789E-02	242.5
505	164.5	1550.0	0.0	0.44563	0.2820E-01	1.42182	0.7822E-02	242.4
505	165.0	1549.2	0.0	0.44577	0.2854E-01	1.42187	0.7855E-02	242.4
505	165.5	1549.2	0.0	0.44598	0.2902E-01	1.42201	0.7956E-02	242.3
505	166.0	1550.0	0.1	0.44615	0.2941E-01	1.42203	0.7969E-02	242.4
505	166.5	1548.4	0.0	0.44635	0.2986E-01	1.42208	0.8008E-02	242.4
505	167.0	1549.4	0.0	0.44647	0.3014E-01	1.42215	0.8057E-02	242.6
505	167.5	1548.8	0.0	0.44666	0.3059E-01	1.42220	0.8095E-02	242.4
505	168.0	1549.2	0.0	0.44684	0.3101E-01	1.42226	0.8133E-02	242.4
505	168.5	1547.8	0.0	0.44704	0.3146E-01	1.42229	0.8155E-02	242.5
505	169.0	1547.8	0.0	0.44722	0.3188E-01	1.42239	0.8227E-02	242.5
505	169.5	1548.6	0.1	0.44741	0.3233E-01	1.42244	0.8265E-02	242.4
505	170.0	1548.2	0.0	0.44760	0.3275E-01	1.42246	0.8276E-02	242.3
505	170.5	1548.6	0.0	0.44780	0.3321E-01	1.42254	0.8330E-02	242.5
505	171.0	1549.0	0.1	0.44795	0.3357E-01	1.42258	0.8363E-02	242.4
505	171.5	1548.4	0.0	0.44813	0.3397E-01	1.42261	0.8380E-02	242.1
505	172.0	1548.8	0.0	0.44831	0.3439E-01	1.42264	0.8402E-02	242.2
505	172.5	1548.2	0.1	0.44852	0.3487E-01	1.42279	0.8511E-02	242.5
505	173.0	1548.6	0.1	0.44866	0.3520E-01	1.42287	0.8566E-02	242.4
505	173.5	1548.8	0.0	0.44882	0.3557E-01	1.42269	0.8582E-02	242.3
505	174.0	1548.2	0.0	0.44903	0.3605E-01	1.42297	0.8637E-02	242.1
505	174.5	1548.6	0.1	0.44924	0.3655E-01	1.42302	0.8670E-02	242.1
505	175.0	1547.6	0.1	0.44940	0.3690E-01	1.42305	0.8697E-02	242.2
505	175.5	1547.8	0.1	0.44963	0.3744E-01	1.42314	0.8757E-02	242.2
505	176.0	1548.8	0.1	0.44980	0.3783E-01	1.42324	0.8828E-02	241.9
505	176.5	1547.8	0.1	0.45000	0.3830E-01	1.42323	0.8823E-02	242.2
505	177.0	1548.4	0.0	0.45020	0.3874E-01	1.42331	0.8877E-02	242.1
505	177.5	1547.2	0.0	0.45036	0.3912E-01	1.42329	0.8861E-02	242.1
505	178.0	1547.8	0.0	0.45059	0.3964E-01	1.42289	0.5820E-01	242.1
505	178.5	1547.0	0.1	0.45075	0.4003E-01	1.42346	0.8987E-02	242.1
505	179.0	1547.6	0.0	0.45098	0.4055E-01	1.42352	0.9025E-02	242.0
505	179.5	1547.8	0.0	0.45122	0.4112E-01	1.42352	0.9031E-02	242.2
505	180.0	1547.6	0.0	0.45138	0.4147E-01	1.42356	0.9069E-02	241.7
505	180.5	1548.4	0.0	0.45154	0.4186E-01	1.42362	0.9096E-02	242.2
505	181.0	1547.6	0.0	0.45176	0.4235E-01	1.42372	0.9167E-02	242.1
505	181.5	1549.0	0.0	0.45202	0.4295E-01	1.42377	0.9206E-02	242.1
505	182.0	1548.8	0.0	0.45224	0.4347E-01	1.42384	0.9255E-02	242.2
505	182.5	1549.6	0.1	0.45243	0.4390E-01	1.42393	0.9315E-02	242.0
505	183.0	1549.2	0.1	0.45262	0.4434E-01	1.42398	0.9353E-02	241.9
505	183.5	1548.8	0.1	0.45287	0.4492E-01	1.42401	0.9375E-02	242.1
505	184.0	1549.0	0.1	0.45304	0.4531E-01	1.42415	0.9474E-02	242.1
505	184.5	1548.8	0.1	0.45325	0.4579E-01	1.42417	0.9485E-02	242.0
505	185.0	1548.8	0.1	0.45348	0.4631E-01	1.42430	0.9576E-02	242.1
505	185.5	1549.8	0.1	0.45371	0.4685E-01	1.42436	0.9621E-02	241.9
505	186.0	1549.0	0.1	0.45393	0.4736E-01	1.42437	0.9632E-02	242.0
505	186.5	1548.6	0.1	0.45407	0.4767E-01	1.42451	0.9731E-02	242.0
505	187.0	1548.0	0.1	0.45436	0.4835E-01	1.42445	0.9687E-02	241.9
505	187.5	1549.0	0.0	0.45461	0.4893E-01	1.42455	0.9756E-02	241.9
505	188.0	1548.8	0.1	0.45480	0.4937E-01	1.42466	0.9835E-02	241.9
505	188.5	1547.8	0.1	0.45499	0.4981E-01	1.42464	0.9818E-02	241.9
505	189.0	1548.6	0.1	0.45418	0.4794E-01	1.40141	-0.6046E-02	242.0
505	189.5	1549.0	0.1	0.45548	0.5094E-01	1.42481	0.9939E-02	241.8
505	190.0	1548.6	0.1	0.45572	0.5149E-01	1.42491	0.1002E-01	241.9
505	190.5	1548.8	0.1	0.45591	0.5192E-01	1.42496	0.1005E-01	241.7

505	191.0	1548.2	0.1	0.45618	0.5255E-01	1.42505	0.1011E-01	241.8
505	191.5	1548.4	0.1	0.45642	0.5310E-01	1.42509	0.1014E-01	241.8
505	192.0	1548.2	0.1	0.45663	0.5360E-01	1.42519	0.1021E-01	241.9
505	192.5	1548.0	0.1	0.45689	0.5418E-01	1.42515	0.1018E-01	241.9
505	193.0	1548.0	0.1	0.45713	0.5475E-01	1.42525	0.1026E-01	241.9
505	193.5	1547.8	0.1	0.45732	0.5518E-01	1.42532	0.1031E-01	241.8
505	194.0	1547.8	0.1	0.45763	0.5589E-01	1.42548	0.1041E-01	241.8
505	194.5	1547.6	0.1	0.45786	0.5643E-01	1.42554	0.1046E-01	241.9
505	195.0	1547.2	0.1	0.45813	0.5704E-01	-9.99900	-.9999E+04	241.8
505	195.5	1546.0	0.1	0.45836	0.5758E-01	-9.99900	-.9999E+04	241.9
505	196.0	1546.4	0.1	0.45858	0.5809E-01	-9.99900	-.9999E+04	241.7
505	196.5	1546.6	0.1	0.45881	0.5861E-01	-9.99900	-.9999E+04	241.8
505	197.0	1546.6	0.1	0.45910	0.5930E-01	-9.99900	-.9999E+04	241.7
505	197.5	1546.6	0.1	0.45931	0.5978E-01	-9.99900	-.9999E+04	242.0
505	198.0	1548.0	0.1	0.45958	0.6040E-01	-9.99900	-.9999E+04	241.6
505	198.5	1547.8	0.1	0.45982	0.6094E-01	-9.99900	-.9999E+04	241.7
505	199.0	1548.6	0.1	0.46014	0.6166E-01	1.42616	0.1090E-01	241.8
505	199.5	1548.2	0.1	0.46036	0.6223E-01	1.42625	0.1096E-01	241.6
505	200.0	1549.2	0.1	0.46067	0.6290E-01	1.42633	0.1102E-01	241.6
505	200.5	1549.6	0.1	0.46092	0.6349E-01	1.42643	0.1109E-01	241.7
505	201.0	1549.8	0.1	0.46120	0.6414E-01	1.42653	0.1116E-01	241.8
505	201.5	1551.2	0.1	0.46150	0.6483E-01	1.42655	0.1118E-01	241.7
505	202.0	1549.8	0.1	0.46182	0.6557E-01	1.42663	0.1123E-01	241.8
505	202.5	1551.0	0.1	0.46212	0.6625E-01	1.42669	0.1127E-01	241.7
505	203.0	1551.0	0.1	0.46242	0.6696E-01	1.42676	0.1134E-01	241.5
505	203.5	1551.2	0.1	0.46271	0.6762E-01	1.42683	0.1137E-01	241.7
505	204.0	1551.0	0.1	0.46297	0.6823E-01	1.42690	0.1143E-01	241.7
505	204.5	1550.4	0.1	0.46327	0.6892E-01	1.42693	0.1144E-01	241.7
505	205.0	1549.6	0.1	0.46359	0.6965E-01	1.42707	0.1154E-01	241.8
505	205.5	1548.6	0.1	0.46385	0.7025E-01	1.42716	0.1161E-01	241.7
505	206.0	1548.4	0.1	0.46419	0.7103E-01	1.42719	0.1163E-01	241.8
505	206.5	1548.2	0.1	0.46445	0.7164E-01	1.42729	0.1170E-01	241.7
505	207.0	1547.8	0.1	0.46473	0.7227E-01	1.42741	0.1176E-01	241.8
505	207.5	1547.6	0.1	0.46508	0.7308E-01	1.42744	0.1180E-01	241.8
505	208.0	1547.4	0.1	0.46535	0.7372E-01	1.42749	0.1184E-01	241.7
505	208.5	1546.6	0.1	0.46568	0.7448E-01	1.42756	0.1189E-01	241.3
505	209.0	1546.8	0.1	0.46597	0.7514E-01	1.42768	0.1196E-01	241.7
505	209.5	1547.8	0.1	0.46627	0.7584E-01	1.42777	0.1204E-01	241.6
505	210.0	1546.6	0.1	0.46659	0.7656E-01	1.42792	0.1215E-01	241.9
505	210.5	1547.8	0.1	0.46696	0.7743E-01	1.42799	0.1220E-01	241.7
505	211.0	1547.2	0.1	0.46730	0.7821E-01	1.42805	0.1224E-01	241.7
505	211.5	1548.4	0.1	0.46763	0.7897E-01	1.42813	0.1230E-01	241.6
505	212.0	1548.8	0.1	0.46799	0.7979E-01	1.42817	0.1232E-01	241.7
505	212.5	1548.6	0.1	0.46827	0.8044E-01	1.42832	0.1243E-01	241.8
505	213.0	1548.8	0.1	0.46868	0.8139E-01	1.40169	-.6443E-02	241.8
505	213.5	1548.8	0.1	0.46904	0.8223E-01	1.42851	0.1256E-01	241.6
505	214.0	1548.8	0.1	0.46936	0.8296E-01	1.42859	0.1262E-01	241.8
505	214.5	1548.6	0.1	0.46975	0.8386E-01	1.42865	0.1266E-01	241.8
505	215.0	1548.2	0.1	0.47014	0.8476E-01	1.42872	0.1271E-01	241.7
505	215.5	1549.2	0.1	0.47050	0.8558E-01	1.42881	0.1276E-01	241.8
505	216.0	1549.2	0.1	0.47090	0.8651E-01	1.42893	0.1286E-01	241.8
505	216.5	1548.4	0.1	0.47123	0.8729E-01	1.42895	0.1286E-01	241.4
505	217.0	1548.2	0.1	0.47161	0.8815E-01	1.42903	0.1294E-01	241.8
505	217.5	1549.4	0.1	0.47199	0.8904E-01	1.42916	0.1302E-01	241.8
505	218.0	1550.4	0.1	0.47238	0.8993E-01	-9.99900	-.9999E+04	241.4
505	218.5	1550.0	0.1	0.47270	0.9067E-01	1.42936	0.1317E-01	241.5
505	219.0	1550.0	0.1	0.47310	0.9159E-01	1.42945	0.1323E-01	241.6
505	219.5	1550.6	0.1	0.47351	0.9254E-01	1.42957	0.1332E-01	241.3
505	220.0	1550.0	0.1	0.47393	0.9351E-01	1.42964	0.1336E-01	241.4
505	220.5	1550.0	0.1	0.47426	0.9426E-01	1.42977	0.1340E-01	241.5

505	221.0	1550.6	0.1	0.47467	0.9521E-01	1.42978	0.1348E-01	241.4
505	221.5	1549.2	0.1	0.47512	0.9625E-01	1.42947	0.1360E-01	241.3
505	222.0	1549.2	0.1	0.47553	0.9720E-01	1.43001	0.1363E-01	241.4
505	222.5	1549.2	0.1	0.47594	0.9813E-01	1.43010	0.1364E-01	241.5
505	223.0	1547.4	0.1	0.47636	0.9912E-01	1.43020	0.1376E-01	241.5
505	223.5	1548.2	0.1	0.47673	0.9996E-01	1.43021	0.1377E-01	241.5
505	224.0	1547.8	0.1	0.47710	0.1008E+00	1.43041	0.1391E-01	241.5
505	224.5	1548.2	0.1	0.47758	0.1019E+00	1.43055	0.1401E-01	241.4
505	225.0	1548.0	0.1	0.47798	0.1029E+00	1.43059	0.1404E-01	241.6
505	225.5	1547.8	0.1	0.47837	0.1038E+00	1.43068	0.1404E-01	241.3
505	226.0	1548.6	0.1	0.47883	0.1048E+00	1.43077	0.1417E-01	241.3
505	226.5	1546.6	0.1	0.47930	0.1059E+00	1.43081	0.1419E-01	241.5
505	227.0	1547.2	0.1	0.47973	0.1069E+00	1.43084	0.1422E-01	241.5
505	227.5	1547.4	0.1	0.48022	0.1080E+00	1.43104	0.1436E-01	241.3
505	228.0	1548.6	0.1	0.48060	0.1089E+00	1.43113	0.1442E-01	241.4
505	228.5	1549.2	0.1	0.48113	0.1101E+00	1.43123	0.1449E-01	241.3
505	229.0	1550.2	0.1	0.48157	0.1111E+00	1.43131	0.1453E-01	241.3
505	229.5	1551.2	0.1	0.48208	0.1123E+00	1.43145	0.1465E-01	241.4
505	230.0	1551.6	0.1	0.48252	0.1133E+00	1.43154	0.1471E-01	241.4
505	230.5	1551.4	0.1	0.48298	0.1144E+00	1.43160	0.1475E-01	241.4
505	231.0	1552.4	0.1	0.48346	0.1155E+00	1.43168	0.1481E-01	241.3
505	231.5	1551.4	0.1	0.48394	0.1166E+00	1.43175	0.1486E-01	241.3
505	232.0	1551.6	0.1	0.48443	0.1177E+00	1.43187	0.1494E-01	241.5
505	232.5	1552.6	0.1	0.48488	0.1188E+00	1.43200	0.1504E-01	241.4
505	233.0	1550.8	0.1	0.48538	0.1199E+00	1.43210	0.1511E-01	241.4
505	233.5	1550.6	0.1	0.48584	0.1210E+00	1.43217	0.1516E-01	241.5
505	234.0	1550.8	0.1	0.48635	0.1222E+00	1.43229	0.1524E-01	241.5
505	234.5	1551.0	0.1	0.48682	0.1232E+00	1.43238	0.1530E-01	241.0
505	235.0	1549.4	0.1	0.48730	0.1244E+00	1.43249	0.1539E-01	241.3
505	235.5	1550.6	0.1	0.48777	0.1254E+00	1.43259	0.1546E-01	241.3
505	236.0	1549.0	0.1	0.48825	0.1266E+00	1.43276	0.1558E-01	241.4
505	236.5	1549.6	0.1	0.48874	0.1277E+00	1.43288	0.1567E-01	241.4
505	237.0	1548.6	0.1	0.48927	0.1289E+00	1.43298	0.1573E-01	241.3
505	237.5	1549.2	0.1	0.48967	0.1298E+00	1.43304	0.1577E-01	241.0
505	238.0	1549.2	0.1	0.49026	0.1312E+00	1.43305	0.1578E-01	241.1
505	238.5	1549.0	0.1	0.49080	0.1324E+00	1.43314	0.1585E-01	241.6
505	239.0	1548.6	0.1	0.49126	0.1335E+00	1.43323	0.1591E-01	241.2
505	239.5	1548.8	0.1	0.49183	0.1348E+00	1.43331	0.1597E-01	241.4
505	240.0	1548.6	0.1	0.49233	0.1360E+00	1.43349	0.1610E-01	241.1
505	240.5	1548.2	0.1	0.49294	0.1374E+00	1.43357	0.1615E-01	241.4
505	241.0	1548.4	0.1	0.49349	0.1386E+00	1.43366	0.1621E-01	241.4
505	241.5	1547.0	0.1	0.49408	0.1400E+00	1.43377	0.1624E-01	241.3
505	242.0	1547.0	0.1	0.49459	0.1412E+00	1.43386	0.1636E-01	241.0
505	242.5	1545.6	0.1	0.49506	0.1423E+00	1.43402	0.1647E-01	241.2
505	243.0	1544.4	0.1	0.49567	0.1437E+00	1.43412	0.1654E-01	241.1
505	243.5	1545.4	0.1	0.49634	0.1452E+00	1.43424	0.1663E-01	240.9
505	244.0	1540.8	0.1	0.49692	0.1466E+00	1.43425	0.1663E-01	241.3
505	244.5	1535.2	0.1	0.49752	0.1479E+00	1.43439	0.1673E-01	241.0
505	245.0	1532.4	0.1	0.49809	0.1492E+00	1.43456	0.1685E-01	241.2
505	245.5	1530.4	0.1	0.49880	0.1509E+00	1.43475	0.1694E-01	241.3
505	246.0	1531.8	0.1	0.49956	0.1526E+00	1.43495	0.1713E-01	241.0
505	246.5	1533.8	0.1	0.50027	0.1543E+00	1.43513	0.1726E-01	241.4
505	247.0	1535.8	0.1	0.50112	0.1562E+00	1.43558	0.1757E-01	241.1
505	247.5	1538.6	0.1	0.50199	0.1583E+00	1.43595	0.1784E-01	241.3
505	248.0	1541.0	0.1	0.50288	0.1603E+00	1.43664	0.1833E-01	241.1
505	248.5	1542.4	0.1	0.50373	0.1623E+00	1.43762	0.1902E-01	241.2
505	249.0	1544.4	0.1	0.50460	0.1643E+00	1.43861	0.1972E-01	241.1
505	249.5	1530.4	0.1	0.50123	0.1565E+00-9.99900	-9.99900	-9.9994E+04	218.4
505	250.0	1449.6	0.1	0.50090	0.1557E+00-4.99900	-4.99900	-4.9994E+04	214.5
505	250.5	1390.2	0.1	0.50089	0.1557E+00-9.99900	-9.99900	-9.9994E+04	216.0

505	251.0	1374.6	0.1	0.50082	0.1556E+00	1.45532	0.3157E-01	14.7
505	251.5	1420.4	0.1	0.50107	0.1561E+00	1.45393	0.3058E-01	14.3
505	252.0	1461.2	0.1	0.50117	0.1564E+00	1.45279	0.2977E-01	14.6
505	252.5	1496.6	0.1	0.50128	0.1566E+00	1.45183	0.2909E-01	14.6
505	253.0	1528.8	0.1	0.50152	0.1572E+00	1.44028	0.2091E-01	14.7
505	253.5	1550.0	0.1	0.50175	0.1577E+00	1.44038	0.2098E-01	14.8
505	254.0	1565.8	0.1	0.50158	0.1573E+00	1.44028	0.2089E-01	14.7
505	254.5	1574.2	0.1	0.50167	0.1575E+00	1.43992	0.2065E-01	14.5

506	141.0						
506	136.0	1512.6	0.1	0.43562	0.6350E-02	1.33344	-0.4693E-01
506	136.5	1545.0	0.1	0.43571	0.6560E-02	1.40617	0.5052E-02
506	137.0	1551.8	0.1	0.43571	0.6545E-02	1.40631	0.5151E-02
506	137.5	1552.8	0.1	0.43567	0.6470E-02	1.40638	0.5201E-02
506	138.0	1552.6	0.1	0.43562	0.6350E-02	1.40651	0.5295E-02
506	138.5	1552.2	0.1	0.43562	0.6343E-02	1.40652	0.5306E-02
506	139.0	1551.6	0.1	0.43573	0.6590E-02	1.40660	0.5361E-02
506	139.5	1549.4	0.1	0.43568	0.6465E-02	1.40666	0.5405E-02
506	140.0	1550.0	0.1	0.43569	0.6500E-02	1.40676	0.5471E-02
506	140.5	1547.6	0.1	0.43574	0.6620E-02	1.40679	0.5499E-02
506	141.0	1551.0	0.1	0.43597	0.7144E-02	1.40682	0.5515E-02
506	141.5	1552.8	0.1	0.43621	0.7698E-02	1.40695	0.5609E-02
506	142.0	1552.2	0.1	0.43627	0.7648E-02	1.40699	0.5637E-02
506	142.5	1550.6	0.1	0.43643	0.8223E-02	1.40713	0.5742E-02
506	143.0	1549.6	0.1	0.43652	0.8417E-02	1.40723	0.5813E-02
506	143.5	1548.2	0.1	0.43673	0.8912E-02	1.40720	0.5791E-02
506	144.0	1546.4	0.1	0.43677	0.9001E-02	1.40725	0.5824E-02
506	144.5	1546.2	0.1	0.43689	0.9286E-02	1.40732	0.5874E-02
506	145.0	1544.6	0.1	0.43693	0.9376E-02	1.40737	0.5913E-02
506	145.5	1543.4	0.1	0.43708	0.9720E-02	1.40747	0.5979E-02
506	146.0	1543.2	0.1	0.43724	0.1008E-01	1.40754	0.6026E-02
506	146.5	1542.8	0.1	0.43735	0.1033E-01	1.40758	0.6061E-02
506	147.0	1542.0	0.1	0.43746	0.1059E-01	1.40766	0.6117E-02
506	147.5	1542.6	0.1	0.43753	0.1075E-01	1.40778	0.6205E-02
506	148.0	1542.4	0.1	0.43748	0.1063E-01	1.40778	0.6205E-02
506	148.5	1543.2	0.1	0.43767	0.1108E-01	1.40781	0.6227E-02
506	149.0	1543.4	0.1	0.43785	0.1150E-01	1.40799	0.6354E-02
506	149.5	1543.0	0.1	0.43788	0.1158E-01	1.40800	0.6359E-02
506	150.0	1543.4	0.1	0.43790	0.1162E-01	1.40806	0.6403E-02
506	150.5	1543.6	0.1	0.43802	0.1184E-01	1.40809	0.6426E-02
506	151.0	1544.0	0.1	0.43804	0.1194E-01	1.40814	0.6459E-02
506	151.5	1544.6	0.1	0.43819	0.1228E-01	1.40823	0.6525E-02
506	152.0	1544.0	0.1	0.43825	0.1243E-01	1.40828	0.6558E-02
506	152.5	1544.8	0.1	0.43841	0.1280E-01	1.40845	0.6685E-02
506	153.0	1545.4	0.1	0.43851	0.1302E-01	1.40855	0.6756E-02
506	153.5	1545.0	0.1	0.43855	0.1311E-01	1.40853	0.6740E-02
506	154.0	1545.2	0.1	0.43860	0.1323E-01	1.40862	0.6806E-02
506	154.5	1546.0	0.1	0.43872	0.1351E-01	1.40868	0.6845E-02
506	155.0	1546.2	0.1	0.43879	0.1366E-01	1.40867	0.6839E-02
506	155.5	1546.2	0.1	0.43880	0.1370E-01	1.40873	0.6883E-02
506	156.0	1546.6	0.1	0.43897	0.1404E-01	1.40883	0.6955E-02
506	156.5	1547.8	0.1	0.43912	0.1444E-01	1.40896	0.7043E-02
506	157.0	1548.8	0.1	0.43914	0.1448E-01	1.40892	0.7016E-02
506	157.5	1548.6	0.1	0.43920	0.1461E-01	1.40900	0.7076E-02
506	158.0	1548.4	0.1	0.43938	0.1502E-01	1.40901	0.7082E-02
506	158.5	1549.6	0.1	0.43940	0.1508E-01	1.40905	0.7109E-02
506	159.0	1549.2	0.1	0.43947	0.1525E-01	1.40916	0.7192E-02
506	159.5	1549.0	0.1	0.43958	0.1550E-01	1.40916	0.7187E-02
506	160.0	1548.2	0.1	0.43963	0.1561E-01	1.40923	0.7242E-02
506	160.5	1548.6	0.1	0.43971	0.1580E-01	1.40933	0.7313E-02
506	161.0	1549.2	0.1	0.43978	0.1595E-01	1.40933	0.7313E-02
506	161.5	1549.6	0.1	0.43980	0.1601E-01	1.40938	0.7347E-02
506	162.0	1549.4	0.1	0.43995	0.1634E-01	1.40944	0.7391E-02
506	162.5	1549.2	0.1	0.43999	0.1645E-01	1.40942	0.7374E-02
506	163.0	1548.4	0.1	0.44006	0.1661E-01	1.40951	0.7440E-02
506	163.5	1549.4	0.1	0.44010	0.1670E-01	1.40960	0.7501E-02
506	164.0	1549.2	0.1	0.44032	0.1719E-01	1.40967	0.7556E-02
506	164.5	1549.0	0.1	0.44025	0.1704E-01	1.40964	0.7534E-02
506	165.0	1549.0	0.1	0.44037	0.1733E-01	1.40973	0.7600E-02

506	165.5	1549.0	0.1	0.44037	0.1733E-01	1.40970	0.7578E-02	162.4
506	166.0	1549.4	0.1	0.44053	0.1769E-01	1.40976	0.7617E-02	162.5
506	166.5	1549.2	0.1	0.44057	0.1778E-01	1.40979	0.7639E-02	162.3
506	167.0	1550.2	0.1	0.44070	0.1804E-01	1.40984	0.7711E-02	162.3
506	167.5	1549.4	0.1	0.44082	0.1836E-01	1.48416	0.6080E-01	162.1
506	168.0	1549.2	0.1	0.44083	0.1834E-01	1.40994	0.7749E-02	162.3
506	168.5	1549.8	0.1	0.44094	0.1863E-01	1.40997	0.7771E-02	162.3
506	169.0	1549.4	0.1	0.44100	0.1877E-01	1.41012	0.7876E-02	162.4
506	169.5	1550.4	0.1	0.44111	0.1902E-01	1.41012	0.7876E-02	161.9
506	170.0	1549.8	0.1	0.44118	0.1919E-01	1.41009	0.7854E-02	162.4
506	170.5	1548.4	0.1	0.44121	0.1926E-01	1.41017	0.7909E-02	162.4
506	171.0	1549.6	0.1	0.44131	0.1949E-01	1.41031	0.8009E-02	162.3
506	171.5	1549.0	0.1	0.44135	0.1959E-01	1.41022	0.7948E-02	162.3
506	172.0	1549.6	0.1	0.44149	0.1991E-01	1.41029	0.7997E-02	162.1
506	172.5	1549.4	0.1	0.44146	0.1983E-01	-9.99900	-9.9999E+04	162.3
506	173.0	1549.0	0.1	0.44156	0.2007E-01	1.41032	0.8020E-02	162.4
506	173.5	1548.8	0.1	0.44166	0.2031E-01	1.41056	0.8190E-02	162.3
506	174.0	1549.0	0.1	0.44173	0.2046E-01	1.41056	0.8191E-02	162.0
506	174.5	1547.8	0.1	0.44181	0.2064E-01	1.41068	0.8279E-02	162.3
506	175.0	1549.0	0.1	0.44189	0.2083E-01	1.41061	0.8223E-02	162.2
506	175.5	1550.2	0.1	0.44188	0.2080E-01	1.41066	0.8262E-02	162.3
506	176.0	1550.0	0.1	0.44193	0.2092E-01	1.41074	0.8317E-02	162.3
506	176.5	1549.2	0.1	0.44211	0.2134E-01	1.41070	0.8290E-02	162.4
506	177.0	1550.4	0.1	0.44216	0.2146E-01	1.41078	0.8350E-02	162.2
506	177.5	1548.0	0.1	0.44227	0.2170E-01	1.41082	0.8378E-02	162.4
506	178.0	1548.0	0.1	0.44236	0.2191E-01	1.41088	0.8417E-02	162.1
506	178.5	1549.2	0.1	0.44231	0.2179E-01	1.41087	0.8411E-02	162.3
506	179.0	1548.4	0.1	0.44246	0.2214E-01	1.41081	0.8367E-02	162.2
506	179.5	1549.4	0.1	0.44242	0.2205E-01	1.41093	0.8455E-02	162.3
506	180.0	1549.0	0.1	0.44254	0.2233E-01	1.41092	0.8450E-02	162.1
506	180.5	1549.0	0.1	0.44256	0.2238E-01	1.41105	0.8543E-02	162.1
506	181.0	1547.6	0.1	0.44271	0.2274E-01	1.41105	0.8543E-02	162.2
506	181.5	1548.0	0.1	0.44273	0.2277E-01	1.41103	0.8527E-02	162.2
506	182.0	1549.4	0.1	0.44277	0.2286E-01	1.41119	0.8637E-02	162.3
506	182.5	1549.5	0.1	0.44291	0.2319E-01	1.41132	0.8737E-02	162.3
506	183.0	1548.6	0.1	0.44297	0.2333E-01	1.41122	0.8659E-02	162.0
506	183.5	1548.4	0.1	0.44297	0.2332E-01	1.41122	0.8665E-02	162.1
506	184.0	1548.8	0.1	0.44310	0.2363E-01	1.41132	0.8731E-02	162.1
506	184.5	1548.8	0.1	0.44316	0.2377E-01	1.41138	0.8775E-02	162.1
506	185.0	1549.0	0.1	0.44330	0.2408E-01	1.41146	0.8836E-02	162.2
506	185.5	1548.4	0.1	0.44332	0.2414E-01	1.41153	0.8885E-02	162.2
506	186.0	1548.4	0.1	0.44343	0.2436E-01	1.41146	0.8836E-02	162.2
506	186.5	1547.2	0.1	0.44341	0.2434E-01	1.41154	0.8891E-02	162.2
506	187.0	1548.2	0.1	0.44357	0.2471E-01	1.41156	0.8914E-02	162.0
506	187.5	1549.0	0.1	0.44356	0.2468E-01	1.41147	0.8841E-02	162.1
506	188.0	1548.0	0.1	0.44375	0.2512E-01	1.41157	0.8913E-02	162.3
506	188.5	1548.0	0.1	0.44378	0.2521E-01	1.41161	0.8941E-02	162.0
506	189.0	1548.0	0.1	0.44384	0.2533E-01	1.41171	0.9012E-02	162.2
506	189.5	1547.6	0.1	0.44391	0.2551E-01	1.41176	0.9045E-02	162.2
506	190.0	1548.2	0.1	0.44392	0.2552E-01	1.41180	0.9079E-02	162.1
506	190.5	1547.6	0.1	0.44397	0.2563E-01	1.41170	0.9007E-02	162.1
506	191.0	1547.4	0.1	0.44405	0.2582E-01	1.41183	0.9095E-02	162.2
506	191.5	1548.0	0.1	0.44417	0.2609E-01	1.41195	0.9183E-02	162.1
506	192.0	1548.6	0.1	0.44423	0.2623E-01	1.41196	0.9189E-02	162.1
506	192.5	1547.6	0.1	0.44432	0.2644E-01	1.41200	0.9222E-02	162.2
506	193.0	1549.2	0.1	0.44443	0.2670E-01	1.41198	0.9205E-02	162.1
506	193.5	1549.8	0.1	0.44445	0.2673E-01	1.41208	0.9277E-02	162.2
506	194.0	1549.4	0.1	0.44454	0.2696E-01	1.41210	0.9294E-02	162.2
506	194.5	1550.0	0.1	0.44462	0.2714E-01	1.41217	0.9338E-02	162.2
506	195.0	1549.8	0.1	0.44461	0.2711E-01	1.41221	0.9371E-02	161.8

506	195.5	1550.2	0.1	0.44473	0.2739E-01	1.41224	0.9387E-02	162.1
506	196.0	1549.4	0.1	0.44486	0.2769E-01	1.41226	0.9404E-02	162.3
506	196.5	1550.0	0.1	0.44487	0.2772E-01	1.41224	0.9387E-02	162.2
506	197.0	1549.2	0.1	0.44498	0.2798E-01	1.41247	0.9553E-02	162.1
506	197.5	1550.0	0.1	0.44500	0.2601E-01	1.41235	0.9470E-02	161.9
506	198.0	1550.2	0.1	0.44517	0.2841E-01	1.41253	0.9597E-02	162.1
506	198.5	1551.8	0.1	0.44512	0.2829E-01	1.41250	0.9575E-02	162.0
506	199.0	1550.8	0.1	0.44527	0.2864E-01	1.41256	0.9619E-02	162.0
506	199.5	1551.4	0.1	0.44529	0.2867E-01	1.41251	0.9580E-02	162.1
506	200.0	1549.8	0.1	0.44542	0.2898E-01	1.41255	0.9613E-02	162.1
506	200.5	1549.6	0.1	0.44546	0.2909E-01	1.41267	0.9696E-02	162.2
506	201.0	1549.0	0.1	0.44558	0.2936E-01	1.41274	0.9748E-02	162.2
506	201.5	1549.8	0.1	0.44561	0.2942E-01	1.41272	0.9735E-02	162.1
506	202.0	1549.4	0.1	0.44577	0.2981E-01	1.41284	0.9823E-02	162.1
506	202.5	1549.6	0.1	0.44585	0.2998E-01	1.41287	0.9840E-02	162.1
506	203.0	1549.4	0.1	0.44588	0.3006E-01	1.41286	0.9834E-02	162.1
506	203.5	1548.8	0.1	0.44598	0.3027E-01	1.41298	0.9917E-02	161.9
506	204.0	1549.8	0.1	0.44602	0.3037E-01	1.40058	0.1059E-02	162.0
506	204.5	1549.2	0.1	0.44605	0.3045E-01	1.41313	0.1003E-01	162.1
506	205.0	1549.0	0.1	0.44618	0.3075E-01	1.41306	0.9977E-02	162.1
506	205.5	1549.2	0.1	0.44623	0.3085E-01	1.41313	0.1003E-01	162.2
506	206.0	1547.6	0.1	0.44633	0.3109E-01	1.41303	0.9955E-02	162.1
506	206.5	1548.4	0.1	0.44632	0.3106E-01	1.41307	0.9983E-02	162.2
506	207.0	1548.6	0.1	0.44646	0.3138E-01	1.41315	0.1004E-01	162.1
506	207.5	1547.4	0.1	0.44658	0.3166E-01	1.41317	0.1005E-01	162.1
506	208.0	1548.8	0.1	0.44657	0.3165E-01	1.41317	0.1005E-01	161.9
506	208.5	1547.8	0.1	0.44663	0.3178E-01	1.41318	0.1006E-01	162.1
506	209.0	1548.2	0.1	0.44678	0.3213E-01	-9.99900	-9.9999E+04	162.1
506	209.5	1548.2	0.1	0.44687	0.3234E-01	1.41329	0.1014E-01	162.1
506	210.0	1548.4	0.1	0.44690	0.3240E-01	1.41332	0.1016E-01	162.0
506	210.5	1548.6	0.1	0.44687	0.3234E-01	1.41328	0.1013E-01	162.1
506	211.0	1549.0	0.1	0.44699	0.3262E-01	1.41337	0.1020E-01	162.1
506	211.5	1547.6	0.1	0.44714	0.3297E-01	1.41339	0.1021E-01	162.1
506	212.0	1547.4	0.1	0.44716	0.3300E-01	1.41340	0.1022E-01	161.8
506	212.5	1547.6	0.1	0.44713	0.3294E-01	1.41345	0.1026E-01	162.1
506	213.0	1546.8	0.1	0.44731	0.3335E-01	1.41345	0.1025E-01	161.9
506	213.5	1549.2	0.1	0.44741	0.3359E-01	1.41355	0.1033E-01	162.1
506	214.0	1549.4	0.1	0.44734	0.3343E-01	-9.99900	-9.9999E+04	161.9
506	214.5	1549.4	0.1	0.44756	0.3392E-01	1.41376	0.1047E-01	162.1
506	215.0	1549.2	0.1	0.44756	0.3392E-01	1.41357	0.1034E-01	162.2
506	215.5	1549.8	0.1	0.44765	0.3415E-01	1.41366	0.1041E-01	162.2
506	216.0	1549.4	0.1	0.44777	0.3442E-01	1.41368	0.1042E-01	162.1
506	216.5	1548.6	0.1	0.44779	0.3446E-01	1.41375	0.1047E-01	161.9
506	217.0	1549.4	0.1	0.44791	0.3473E-01	1.41380	0.1051E-01	162.0
506	217.5	1550.4	0.1	0.44795	0.3482E-01	1.41388	0.1056E-01	162.1
506	218.0	1549.8	0.1	0.44807	0.3511E-01	1.41388	0.1056E-01	162.1
506	218.5	1549.4	0.1	0.44819	0.3539E-01	1.41388	0.1056E-01	162.1
506	219.0	1550.0	0.1	0.44734	0.3343E-01	1.41391	0.1056E-01	162.0
506	219.5	1548.4	0.1	0.44829	0.3562E-01	1.41389	0.1057E-01	162.0
506	220.0	1550.4	0.1	0.44837	0.3581E-01	1.41408	0.1071E-01	161.8
506	220.5	1550.4	0.1	0.44842	0.3592E-01	1.41406	0.1069E-01	162.1
506	221.0	1549.6	0.1	0.44850	0.3610E-01	1.41409	0.1071E-01	162.1
506	221.5	1550.0	0.1	0.44867	0.3650E-01	1.41399	0.1064E-01	162.0
506	222.0	1548.8	0.1	0.44856	0.3625E-01	1.41410	0.1072E-01	162.1
506	222.5	1549.6	0.1	0.44869	0.3653E-01	1.41421	0.1080E-01	162.0
506	223.0	1549.0	0.1	0.44879	0.3677E-01	1.41421	0.1080E-01	161.8
506	223.5	1549.2	0.1	0.44896	0.3716E-01	1.41423	0.1082E-01	162.1
506	224.0	1550.4	0.1	0.44895	0.3714E-01	1.41423	0.1081E-01	162.1
506	224.5	1549.8	0.1	0.44887	0.3696E-01	1.41428	0.1085E-01	162.0
506	225.0	1550.2	0.1	0.44907	0.3743E-01	1.41430	0.1087E-01	162.1

506	225.5	1550.8	0.1	0.44920	0.3771E-01	1.41426	0.1083E-01	162.0
506	226.0	1549.2	0.1	0.44924	0.3780E-01	1.41435	0.1090E-01	162.1
506	226.5	1549.4	0.1	0.44930	0.3794E-01	1.41442	0.1095E-01	162.0
506	227.0	1550.2	0.1	0.44942	0.3824E-01	1.41445	0.1097E-01	161.9
506	227.5	1548.8	0.1	0.44946	0.3833E-01	1.41457	0.1105E-01	162.1
506	228.0	1549.6	0.1	0.44955	0.3852E-01	1.41453	0.1103E-01	162.1
506	228.5	1549.0	0.1	0.44962	0.3864E-01	1.41456	0.1105E-01	161.9
506	229.0	1549.4	0.1	0.44972	0.3891E-01	1.41463	0.1110E-01	161.9
506	229.5	1548.8	0.1	0.44981	0.3912E-01	1.41458	0.1106E-01	161.9
506	230.0	1549.6	0.1	0.44994	0.3944E-01	1.41471	0.1110E-01	162.1
506	230.5	1549.0	0.1	0.44991	0.3935E-01	1.41465	0.1111E-01	161.8
506	231.0	1548.8	0.1	0.45000	0.3956E-01	1.41467	0.1113E-01	161.8
506	231.5	1549.0	0.1	0.45016	0.3993E-01	1.41469	0.1114E-01	162.0
506	232.0	1549.2	0.1	0.45014	0.3990E-01	1.41474	0.1117E-01	162.1
506	232.5	1549.6	0.1	0.45025	0.4014E-01	1.41486	0.1120E-01	162.0
506	233.0	1549.0	0.1	0.45041	0.4051E-01	1.41488	0.1120E-01	162.1
506	233.5	1549.4	0.1	0.45043	0.4056E-01	1.41493	0.1131E-01	161.6
506	234.0	1549.4	0.1	0.45046	0.4062E-01	1.41494	0.1132E-01	162.1
506	234.5	1550.2	0.1	0.45055	0.4083E-01	1.41496	0.1133E-01	161.6
506	235.0	1549.4	0.1	0.45069	0.4116E-01	1.41504	0.1139E-01	162.1
506	235.5	1550.4	0.1	0.45075	0.4129E-01	1.41504	0.1139E-01	161.8
506	236.0	1550.2	0.1	0.45082	0.4146E-01	1.41507	0.1142E-01	161.8
506	236.5	1549.8	0.1	0.45081	0.4143E-01	1.41519	0.1150E-01	161.9
506	237.0	1549.6	0.1	0.45098	0.4183E-01	1.41527	0.1155E-01	162.0
506	237.5	1550.4	0.1	0.45107	0.4204E-01	1.41519	0.1150E-01	161.8
506	238.0	1550.6	0.1	0.45116	0.4224E-01	1.41525	0.1154E-01	161.6
506	238.5	1549.6	0.1	0.45118	0.4230E-01	1.41526	0.1155E-01	162.1
506	239.0	1550.2	0.1	0.45119	0.4233E-01	1.41524	0.1154E-01	161.6
506	239.5	1549.4	0.1	0.45121	0.4236E-01	1.41523	0.1153E-01	162.1
506	240.0	1548.6	0.1	0.45132	0.4261E-01	1.41531	0.1158E-01	161.8
506	240.5	1549.2	0.1	0.45142	0.4285E-01	1.41531	0.1159E-01	162.0
506	241.0	1548.8	0.1	0.45152	0.4308E-01	1.41545	0.1169E-01	161.8
506	241.5	1549.2	0.1	0.45169	0.4348E-01	1.41551	0.1173E-01	162.0
506	242.0	1550.4	0.1	0.45166	0.4340E-01	1.41548	0.1170E-01	162.0
506	242.5	1548.6	0.1	0.45178	0.4364E-01	1.41560	0.1179E-01	162.1
506	243.0	1549.2	0.1	0.45173	0.4355E-01	1.41530	0.1158E-01	161.8
506	243.5	1549.2	0.1	0.45186	0.4385E-01	1.41556	0.1176E-01	161.9
506	244.0	1548.4	0.1	0.45194	0.4405E-01	1.41552	0.1174E-01	162.0
506	244.5	1550.0	0.1	0.45201	0.4421E-01	1.41558	0.1178E-01	161.9
506	245.0	1550.0	0.1	0.45197	0.4412E-01	1.41554	0.1175E-01	161.7
506	245.5	1549.4	0.1	0.45214	0.4451E-01	1.33416	-0.4642E-01	162.0
506	246.0	1549.8	0.1	0.45227	0.4481E-01	1.41570	0.1180E-01	162.0
506	246.5	1550.0	0.1	0.45235	0.4499E-01	1.41578	0.1192E-01	161.9
506	247.0	1549.2	0.1	0.45242	0.4516E-01	1.41565	0.1183E-01	162.0
506	247.5	1548.6	0.1	0.45250	0.4534E-01	1.41582	0.1195E-01	161.9
506	248.0	1548.6	0.1	0.45238	0.4507E-01	1.41582	0.1195E-01	162.0
506	248.5	1549.6	0.1	0.45266	0.4571E-01	1.41598	0.1206E-01	162.1
506	249.0	1548.8	0.1	0.45256	0.4547E-01	1.41574	0.1189E-01	162.0
506	249.5	1549.0	0.1	0.45271	0.4583E-01	1.41583	0.1196E-01	161.9
506	250.0	1549.0	0.1	0.45262	0.4562E-01	1.41584	0.1200E-01	161.6
506	250.5	1549.4	0.1	0.45289	0.4624E-01	1.33860	-0.4324E-01	162.0
506	251.0	1550.0	0.1	0.45289	0.4625E-01	1.41597	0.1206E-01	161.9
506	251.5	1550.0	0.1	0.45300	0.4650E-01	1.41593	0.1203E-01	162.0
506	252.0	1549.4	0.1	0.45311	0.4676E-01	1.41612	0.1217E-01	161.9
506	252.5	1547.8	0.1	0.45311	0.4676E-01	1.41616	0.1219E-01	161.9
506	253.0	1548.6	0.1	0.45330	0.4719E-01	1.41607	0.1213E-01	161.9
506	253.5	1549.4	0.1	0.45331	0.4721E-01	1.41623	0.1224E-01	161.8
506	254.0	1549.2	0.1	0.45332	0.4724E-01	1.41606	0.1212E-01	161.9
506	254.5	1549.8	0.1	0.45341	0.4745E-01	1.41621	0.1223E-01	161.8
506	255.0	1549.6	0.1	0.45348	0.4761E-01	1.41627	0.1227E-01	161.7

506	255.5	1548.8	0.1	0.45355	0.4778E-01	1.41635	0.1233E-01	161.7
506	256.0	1549.2	0.1	0.45365	0.4800E-01	1.41643	0.1238E-01	162.1
506	256.5	1549.4	0.1	0.45373	0.4818E-01	1.41632	0.1230E-01	162.0
506	257.0	1550.2	0.1	0.45374	0.4821E-01	1.41634	0.1232E-01	162.0
506	257.5	1550.6	0.1	0.45392	0.4863E-01	1.41646	0.1240E-01	161.8
506	258.0	1550.4	0.1	0.45393	0.4865E-01	1.41640	0.1237E-01	161.9
506	258.5	1551.2	0.1	0.45398	0.4877E-01	1.41643	0.1239E-01	161.8
506	259.0	1550.6	0.1	0.45407	0.4896E-01	1.41639	0.1236E-01	161.5
506	259.5	1552.0	0.1	0.45425	0.4940E-01	1.41655	0.1247E-01	161.6
506	260.0	1551.8	0.1	0.45424	0.4937E-01	1.41654	0.1250E-01	161.7
506	260.5	1549.6	0.1	0.45433	0.4958E-01	1.41654	0.1246E-01	161.7
506	261.0	1549.6	0.1	0.45446	0.4987E-01	1.41654	0.1246E-01	161.5

C.3 : 1600°F Biaxial Constant Pressure Strain Data
(In 20% O₂ - 80% Ar 1 atm)

THIS PAGE
WAS INTENTIONALLY
LEFT BLANK

LENGTH 1600 F OXY BIAXIAL TRUE 1978

.50	2564.61	.000907	1.00	2590.76	.001037
1.50	2604.23	.001131	2.00	2620.05	.001257
2.50	2631.55	.001340	3.00	2648.44	.001366
3.50	2663.02	.001503	4.00	2676.00	.001602
4.50	2687.49	.001734	5.00	2702.67	.001676
5.50	2708.51	.001865	6.00	2735.13	.002024
6.50	2753.66	.002155	7.00	2759.92	.002204
7.50	2788.14	.002309	8.00	2793.97	.002429
8.50	2824.19	.002516	9.00	2841.14	.002626
9.50	2859.89	.002812	10.00	2878.97	.002872
20.00	14.39	1.000000	.50	1716.55	.000023
1.00	1895.84	.000025	1.50	1908.10	.000025
2.00	1914.06	.000026	2.50	1919.97	.000026
3.00	1927.58	.000026	3.50	1927.41	.000026
4.00	1929.63	.000026	4.50	1931.99	.000026
5.00	1934.85	.000026	5.50	1937.50	.000026
6.00	1940.91	.000026	6.50	1941.24	.000026
7.00	1943.38	.000026	7.50	1944.34	.000026
8.00	1946.15	.000026	8.50	1949.74	.000026
9.00	1951.97	.000026	9.50	1955.14	.000026
10.00	1957.37	.000026	20.00	282.73	9999.007961
30.00	282.43	9999.009004	40.00	282.23	9999.010255
50.00	282.13	9999.011405	60.00	282.04	9999.012475
70.00	281.94	9999.013695	80.00	14.51	9999.018871
.50	941.42	.000561	1.00	1704.21	.000679
1.50	1710.89	.000640	2.00	1715.70	.000740
2.50	1723.76	.000817	3.00	1726.62	.000951
3.50	1731.58	.001007	4.00	1734.02	.001140
4.50	1737.77	.001122	5.00	1741.22	.001228
5.50	1743.14	.001322	6.00	1746.71	.001339
6.50	1749.48	.001378	7.00	1752.19	.001417
7.50	1754.16	.001578	8.00	1755.38	.001550
8.50	1757.81	.001656	9.00	1759.29	.001612
9.50	1762.08	.001656	10.00	1761.59	.001662
20.00	1821.96	.003106	30.00	1891.69	.004399
40.00	1969.95	.005677	50.00	2066.05	.007045
60.00	2176.84	.008223	70.00	2310.29	.009441
80.00	2481.31	.010928	90.00	152.66	.011082
.50	1402.51	.000993	1.00	1418.15	.001082
1.50	1425.71	.001322	2.00	1428.40	.001622
2.50	1431.44	.001642	3.00	1436.79	.002072
3.50	1438.59	.002282	4.00	1439.54	.002412
4.50	1441.45	.002712	5.00	1442.63	.002872
5.50	1444.84	.003052	6.00	1445.27	.003322
6.50	1447.30	.003442	7.00	1448.63	.003682
7.50	1451.81	.003822	8.00	1451.36	.003952
8.50	1454.19	.004082	9.00	1455.10	.004352
9.50	1457.13	.004482	10.00	1457.41	.004662
20.00	1488.64	.007401	30.00	1525.30	.009860
40.00	1565.38	.011720	50.00	1606.59	.013629
60.00	1649.46	.015058	70.00	1697.04	.016647
80.00	1747.18	.017866	90.00	210.30	1.000000
100.00	1855.82	.020234	110.00	1915.09	.021493
120.00	1980.58	.022762	.50	617.95	.001108

1.00	950.21	.001229	1.50	958.13	.001366
2.00	961.13	.001509	2.50	963.81	.001602
3.00	965.25	.001542	3.50	964.72	.001690
4.00	966.61	.001630	4.50	967.49	.001784
5.00	967.68	.001849	5.50	968.86	.001882
6.00	969.71	.002020	6.50	911.61	.051896
7.00	969.07	.002065	7.50	969.02	.002135
8.00	967.57	.002289	8.50	966.07	.002310
9.00	966.26	.002431	9.50	964.32	.002448
10.00	964.47	.002579	20.00	975.78	.003924
30.00	983.80	.004566	40.00	992.79	.005241
50.00	1003.76	.005943	60.00	1010.89	.006653
70.00	1018.63	.007172	80.00	1028.66	.007652
90.00	1034.38	.008152	100.00	1043.37	.008522
110.00	140.54	1.000000	120.00	140.44	1.000000

DIAMETER 1600 F OXY BIAxIAL TRUE 1978

.50	2564.61	.003137	1.00	2590.76	.005823
1.50	2604.23	.008201	2.00	2620.05	.010599
2.50	2631.55	.012977	3.00	2648.44	.015575
3.50	2663.02	.018193	4.00	2676.00	.020901
4.50	2687.49	.023560	5.00	2702.67	.026358
5.50	2708.51	.027446	6.00	2735.13	.031734
6.50	2753.66	.034681	7.00	2759.92	.035909
7.50	2788.14	.040407	8.00	2793.97	.041395
8.50	2824.19	.046162	9.00	2841.14	.049139
9.50	2859.89	.052217	10.00	2878.97	.055404
20.00	14.39	.097218			
			.50	1716.55	.001214
1.00	1895.84	.002342	1.50	1908.10	.003478
2.00	1914.06	.004387	2.50	1919.97	.005136
3.00	1922.58	.005896	3.50	1927.41	.006695
4.00	1929.63	.007365	4.50	1931.99	.008075
5.00	1934.85	.008724	5.50	1937.50	.009344
6.00	1940.91	.010124	6.50	1941.24	.010663
7.00	1943.38	.011313	7.50	1944.34	.011853
8.00	1946.15	.012423	8.50	1949.74	.013082
9.00	1951.97	.013592	9.50	1955.14	.014322
10.00	1957.37	.014831	20.00	282.73	.028184
30.00	282.43	.043944	40.00	282.23	.062474
50.00	282.13	.083494	60.00	282.04	.107804
70.00	281.94	.136904	80.00	14.51	.149381
.50	941.42	.000448	1.00	1704.21	.002155
1.50	1710.89	.003286	2.00	1715.70	.004235
2.50	1723.76	.005234	3.00	1726.62	.005903
3.50	1731.58	.006803	4.00	1734.02	.007532
4.50	1737.77	.008152	5.00	1741.22	.008811
5.50	1743.14	.009781	6.00	1746.71	.010331
6.50	1749.48	.011010	7.00	1752.19	.011680
7.50	1754.16	.012460	8.00	1755.38	.012949
8.50	1757.81	.013519	9.00	1759.29	.014089
9.50	1762.08	.014598	10.00	1761.59	.015339
20.00	1821.96	.029820	30.00	1891.69	.046461
40.00	1969.95	.064291	50.00	2066.05	.084548
60.00	2176.84	.107683	70.00	2310.79	.133765
80.00	2481.31	.164942	90.00	152.66	.181459
.50	1402.91	.001129	1.00	1418.15	.001979
1.50	1425.71	.002532	2.00	1428.40	.003216
2.50	1431.44	.003845	3.00	1436.79	.004344
3.50	1438.59	.004784	4.00	1439.54	.005224
4.50	1441.85	.005794	5.00	1442.63	.006374
5.50	1444.84	.006743	6.00	1445.27	.007163
6.50	1447.30	.007523	7.00	1448.63	.008013
7.50	1451.81	.008492	8.00	1451.36	.008932
8.50	1454.19	.009302	9.00	1455.10	.009872
9.50	1457.13	.010212	10.00	1457.41	.010632
20.00	1488.64	.019517	30.00	1525.30	.029602
40.00	1565.38	.040307	50.00	1606.59	.051102
60.00	1649.46	.062296	70.00	1697.04	.074129
80.00	1747.18	.086443	90.00	210.30	.099115
100.00	1855.82	.112208	110.00	1915.09	.125700
120.00	1980.58	.139891			
			.50	617.95	.000198

1.00	950.21	.000961	1.50	958.13	.001454
2.00	961.13	.001828	2.50	963.81	.002096
3.00	965.25	.002470	3.50	964.72	.002770
4.00	966.61	.003054	4.50	967.49	.003385
5.00	967.68	.003745	5.50	968.86	.003964
6.00	969.71	.004284	6.50	911.61	.004625
7.00	969.07	.004902	7.50	969.02	.005144
8.00	967.57	.005345	8.50	966.07	.005585
9.00	966.26	.005925	9.50	964.32	.006275
10.00	964.47	.006585	20.00	975.78	.011404
30.00	983.80	.015352	40.00	992.79	.019381
50.00	1003.76	.023330	60.00	1010.89	.027059
70.00	1018.63	.030828	80.00	1028.66	.034627
90.00	1036.38	.038025	100.00	1043.37	.041464
110.00	140.54	.045470	120.00	140.44	.049090

SPLINE.P2.T100.
 ACCOUNT.PBP.52.8ATNW.
 ATTACH(OLDLGO,SPLINELGO,ID=K8S8NW)
 OLDLGO.

.01		20.	1600 P OXY BIAXIAL ENGR 1978				
-2		LENGTH					2
-4.60500E+00		4.78800E+00	0.	0.	0.	0.	3
0.		2.50100E+03	0.	0.	0.	0.	4
0.00	0.00	0.000000	.50	617.95	.001108		5
1.00	950.21	.001229	1.50	950.21	.001366		
2.00	950.21	.001509	2.50	950.21	.001602		
3.00	950.21	.001542	3.50	950.21	.001690		
4.00	950.21	.001630	4.50	950.21	.001784		
5.00	950.21	.001849	5.50	950.21	.001882		
6.00	950.21	.002020	6.0	0.0	0.00000		
7.00	950.21	.002065	7.50	950.21	.002135		
8.00	950.21	.002289	8.50	950.21	.002310		
9.00	950.21	.002431	9.50	950.21	.002448		
10.00	950.21	.002579	20.00	950.21	.003924		
30.00	950.21	.004566	40.00	950.21	.005241		
50.00	950.21	.005943	60.00	950.21	.006653		
70.00	950.21	.007172	80.00	950.21	.007652		
90.00	950.21	.008192	100.00	950.21	.008522		
.50	1418.15	.000993	1.00	1418.15	.001082		
1.50	1418.15	.001322	2.00	1418.15	.001622		
2.50	1418.15	.001842	3.00	1418.15	.002072		
3.50	1418.15	.002282	4.00	1418.15	.002412		
4.50	1418.15	.002712	5.00	1418.15	.002872		
5.50	1418.15	.003052	6.00	1418.15	.003322		
6.50	1418.15	.003442	7.00	1418.15	.003682		
7.50	1418.15	.003822	8.00	1418.15	.003952		
8.50	1418.15	.004082	9.00	1418.15	.004352		
9.50	1418.15	.004482	10.00	1418.15	.004662		
20.00	1418.15	.007401	30.00	1418.15	.009660		
40.00	1418.15	.011720	50.00	1418.15	.013629		
60.00	1418.15	.015058	70.00	1418.15	.016647		
80.00	1418.15	.017866	0.0	0.0	0.000000		
100.00	1418.15	.020234	110.00	1418.15	.021493		
120.00	1418.15	.022762	0.00	0.00	0.000000		
.50	1704.21	.000561	1.00	1704.21	.000679		
1.50	1704.21	.000840	2.00	1704.21	.000740		
2.50	1704.21	.000817	3.00	1704.21	.000951		
3.50	1704.21	.001007	4.00	1704.21	.001140		
4.50	1704.21	.001122	5.00	1704.21	.001228		
5.50	1704.21	.001322	6.00	1704.21	.001339		
6.50	1704.21	.001378	7.00	1704.21	.001417		
7.50	1704.21	.001578	8.00	1704.21	.001550		
8.50	1704.21	.001656	9.00	1704.21	.001612		
9.50	1704.21	.001656	10.00	1704.21	.001662		
20.00	1704.21	.003106	30.00	1704.21	.004399		
40.00	1704.21	.005677	50.00	1704.21	.007045		
60.00	1704.21	.009223	70.00	1704.21	.009441		
80.00	1704.21	.010928	90.00	1704.21	.011082		
.50	2590.76	.000907	1.00	2590.76	.001037		
1.50	2590.76	.001131	2.00	2590.76	.001257		
2.50	2590.76	.001340	3.00	2590.76	.001366		
3.50	2590.76	.001503	4.00	2590.76	.001602		

4.50	2590.76	.001734	5.00	2590.76	.001876
5.50	2590.76	.001865	6.00	2590.76	.002024
6.50	2590.76	.002155	7.00	2590.76	.002204
7.50	2590.76	.002309	8.00	2590.76	.002429
8.50	2590.76	.002516	9.00	2590.76	.002626
9.50	2590.76	.002612	10.00	2590.76	.002872

SPLINE,P2,T100.
 ACCOUNT,PBPAS2,BATNW.
 ATTACH(OLDLGO,SPLINELGO,TD=KRSBNW)
 OLDLGO.

* .0001 20.
 DIAMETER 1600 F OXY BIAXIAL ENGR 1978

-4.60500E+00 1.39000E+00 2.08000E+00 3.92000E+00 4.80000E+00 0.

0. 1.41820E+03 2.59080E+03 0.

0. 0.

1.0	100.	.00000326	80.0	100.	.0000009
50.0	100.	.0000007	60.0	100.	.00000075
50.0	100.	.0000007	60.0	100.	.00000075
70.0	100.	.0000008	70.0	100.	.0000008
100.0	100.	.0000010	120.0	100.	.0000012
0.0	0.0	0.0	120.0	100.	.0000012
0.00	0.00	0.0000000	.50	617.95	.0000198
1.00	950.21	.000961	1.50	950.21	.001454
2.00	950.21	.001828	2.50	950.21	.002096
3.00	950.21	.002470	3.50	950.21	.002770
4.00	950.21	.003054	4.50	950.21	.003385
5.00	950.21	.003745	5.50	950.21	.003964
6.00	950.21	.004284	6.50	950.21	.004625
7.00	950.21	.004902	7.50	950.21	.005144
8.00	950.21	.005345	8.50	950.21	.005585
9.00	950.21	.005925	9.50	950.21	.006275
10.00	950.21	.006585	20.00	950.21	.011404
30.00	950.21	.015352	40.00	950.21	.019381
50.00	950.21	.023330	60.00	950.21	.027059
70.00	950.21	.030828	80.00	950.21	.034627
90.00	950.21	.038025	100.00	950.21	.041464
110.00	950.21	.045470	120.00	950.21	.049090
.50	1418.15	.001129	1.00	1418.15	.001979
1.50	1418.15	.002532	2.00	1418.15	.003216
2.50	1418.15	.003845	3.00	1418.15	.004344
3.50	1418.15	.004784	4.00	1418.15	.005224
4.50	1418.15	.005794	5.00	1418.15	.006374
5.50	1418.15	.006743	6.00	1418.15	.007163
6.50	1418.15	.007523	7.00	1418.15	.008013
7.50	1418.15	.008442	8.00	1418.15	.008932
8.50	1418.15	.009302	9.00	1418.15	.009872
9.50	1418.15	.010212	10.00	1418.15	.010632
20.00	1418.15	.019517	30.00	1418.15	.029602
40.00	1418.15	.040307	50.00	1418.15	.051102
60.00	1418.15	.062296	70.00	1418.15	.074129
80.00	1418.15	.086443	90.00	1418.15	.099115
100.00	1418.15	.112208	110.00	1418.15	.125700
120.00	1418.15	.139891	0.00	0.00	0.0000000
.50	1704.21	.001200	1.00	1704.21	.002155
1.50	1704.21	.003246	2.00	1704.21	.004235
2.50	1704.21	.005234	3.00	1704.21	.005903
3.50	1704.21	.006803	4.00	1704.21	.007532
4.50	1704.21	.008152	5.00	1704.21	.008811
5.50	1704.21	.009741	6.00	1704.21	.010331
6.50	1704.21	.011010	7.00	1704.21	.011680
7.50	1704.21	.012460	8.00	1704.21	.012949
8.50	1704.21	.013519	9.00	1704.21	.014089
9.50	1704.21	.014598	10.00	1704.21	.015339
20.00	1704.21	.029820	30.00	1704.21	.046461

2
3
4
5

40.00	1704.21	.064291	50.00	1704.21	.084548
60.00	1704.21	.107683	70.00	1704.21	.133765
80.00	1704.21	.164942	90.00	1704.21	.181459
100.00	1704.21	.205	110.00	1704.21	.240
120.00	1704.21	.270	0.0	0.0	0.0
1.50	2590.76	.003137	1.00	2590.76	.005823
1.50	2590.76	.008201	2.00	2590.76	.010599
2.50	2590.76	.012977	3.00	2590.76	.015575
3.50	2590.76	.018193	4.00	2590.76	.020901
4.50	2590.76	.023560	5.00	2590.76	.026358
5.50	2590.76	.027446	6.00	2590.76	.031734
6.50	2590.76	.034681	7.00	2590.76	.035909
7.50	2590.76	.040407	8.00	2590.76	.041395
8.50	2590.76	.046162	9.00	2590.76	.049139
9.50	2590.76	.052217	10.00	2590.76	.055404
20.00	2590.76	.097218	0.00	0.00	0.000000
30.00	2590.76	.185	40.00	2590.76	.305
50.00	2590.76	.385	60.00	2590.76	.550
70.00	2590.76	.770	80.00	2590.76	.990
90.00	2590.76	1.200	100.00	2590.76	1.380
110.00	2590.76	1.710	120.00	2590.76	2.05
0.0	0.0	0.0	1.0	3500.	.014200
10.0	3500.	.200000	20.0	3500.	.320000
30.0	3500.	.730000	40.0	3500.	1.380000
50.0	3500.	1.820000	60.0	3500.	2.900000
70.0	3500.	4.500000	80.0	3500.	6.000000
90.0	3500.	7.800000	100.0	3500.	9.200000
110.0	3500.	12.500000	120.0	3500.	15.400000

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	100.	.1757E-05		.3310E-05	.380	-1.612
2.	100.	.1738E-05		.3870E-05	.345	-1.527
3.	100.	.1785E-05		.4220E-05	.328	-1.489
4.	100.	.1419E-05		.4467E-05	.318	-1.465
5.	100.	.1444E-05		.4657E-05	.310	-1.449
10.	100.	.1520E-05		.5107E-05	.298	-1.424
15.	100.	.1551E-05		.5257E-05	.297	-1.422
20.	100.	.1589E-05		.5396E-05	.294	-1.417
25.	100.	.1609E-05		.5566E-05	.289	-1.407
30.	100.	.1624E-05		.5768E-05	.282	-1.342
35.	100.	.1636E-05		.6002E-05	.273	-1.375
40.	100.	.1646E-05		.6263E-05	.263	-1.357
45.	100.	.1655E-05		.6550E-05	.253	-1.338
50.	100.	.1662E-05		.6861E-05	.242	-1.320
55.	100.	.1668E-05		.7193E-05	.232	-1.302
60.	100.	.1674E-05		.7532E-05	.222	-1.286
65.	100.	.1678E-05		.7865E-05	.213	-1.271
70.	100.	.1683E-05		.8182E-05	.206	-1.259
75.	100.	.1686E-05		.8477E-05	.199	-1.248
80.	100.	.1690E-05		.8746E-05	.193	-1.239
85.	100.	.1692E-05		.8984E-05	.188	-1.232
90.	100.	.1695E-05		.9190E-05	.184	-1.226
95.	100.	.1698E-05		.9363E-05	.181	-1.221
100.	100.	.1700E-05		.9501E-05	.179	-1.218
105.	100.	.1702E-05		.9606E-05	.177	-1.215
110.	100.	.1703E-05		.9676E-05	.176	-1.214
115.	100.	.1705E-05		.9719E-05	.175	-1.213
120.	100.	.1706E-05		.9728E-05	.175	-1.213

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	200.	.1898E-05		.1079E-04	.176	-1.214
2.	200.	.2151E-05		.1440E-04	.149	-1.176
3.	200.	.2306E-05		.1675E-04	.138	-1.160
4.	200.	.2419E-05		.1848E-04	.131	-1.151
5.	200.	.2506E-05		.1985E-04	.126	-1.145
10.	200.	.2778E-05		.2388E-04	.116	-1.132
15.	200.	.2931E-05		.2612E-04	.112	-1.126
20.	200.	.3035E-05		.2794E-04	.109	-1.122
25.	200.	.3112E-05		.2966E-04	.105	-1.117
30.	200.	.3172E-05		.3137E-04	.101	-1.112
35.	200.	.3220E-05		.3311E-04	.097	-1.108
40.	200.	.3260E-05		.3490E-04	.093	-1.103
45.	200.	.3294E-05		.3674E-04	.090	-1.098
50.	200.	.3323E-05		.3865E-04	.086	-1.094
55.	200.	.3347E-05		.4060E-04	.082	-1.090
60.	200.	.3369E-05		.4257E-04	.079	-1.086
65.	200.	.3388E-05		.4450E-04	.076	-1.082
70.	200.	.3405E-05		.4638E-04	.073	-1.079
75.	200.	.3420E-05		.4816E-04	.071	-1.076
80.	200.	.3434E-05		.4985E-04	.069	-1.074
85.	200.	.3446E-05		.5143E-04	.067	-1.072
90.	200.	.3457E-05		.5289E-04	.065	-1.070
95.	200.	.3466E-05		.5423E-04	.064	-1.068
100.	200.	.3475E-05		.5544E-04	.063	-1.067
105.	200.	.3483E-05		.5652E-04	.062	-1.066
110.	200.	.3491E-05		.5747E-04	.061	-1.065
115.	200.	.3497E-05		.5831E-04	.060	-1.064
120.	200.	.3503E-05		.5901E-04	.059	-1.063

1600 F BIAXIAL UXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	300.	.2864E-05	.2975E-04	.096	-1.107
2.	300.	.3455E-05	.4418E-04	.078	-1.085
3.	300.	.3835E-05	.5423E-04	.071	-1.076
4.	300.	.4119E-05	.6190E-04	.067	-1.071
5.	300.	.4345E-05	.6808E-04	.064	-1.068
10.	300.	.5069E-05	.8847E-04	.057	-1.061
15.	300.	.5494E-05	.1019E-03	.054	-1.057
20.	300.	.5789E-05	.1131E-03	.051	-1.054
25.	300.	.6010E-05	.1231E-03	.049	-1.051
30.	300.	.6165E-05	.1327E-03	.047	-1.049
35.	300.	.6327E-05	.1419E-03	.045	-1.047
40.	300.	.6445E-05	.1510E-03	.043	-1.045
45.	300.	.6546E-05	.1600E-03	.041	-1.043
50.	300.	.6632E-05	.1690E-03	.039	-1.041
55.	300.	.6707E-05	.1780E-03	.038	-1.039
60.	300.	.6772E-05	.1870E-03	.036	-1.038
65.	300.	.6830E-05	.1958E-03	.035	-1.036
70.	300.	.6881E-05	.2044E-03	.034	-1.036
75.	300.	.6927E-05	.2128E-03	.033	-1.034
80.	300.	.6968E-05	.2210E-03	.032	-1.033
85.	300.	.7005E-05	.2289E-03	.031	-1.032
90.	300.	.7038E-05	.2365E-03	.030	-1.031
95.	300.	.7068E-05	.2438E-03	.029	-1.030
100.	300.	.7095E-05	.2508E-03	.028	-1.029
105.	300.	.7120E-05	.2576E-03	.028	-1.028
110.	300.	.7143E-05	.2640E-03	.027	-1.028
115.	300.	.7163E-05	.2701E-03	.027	-1.027
120.	300.	.7182E-05	.2759E-03	.026	-1.027

1600 F BIAXIAL UXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	400.	.4310E-05	.7040E-04	.061	-1.069
2.	400.	.5531E-05	.1138E-03	.049	-1.051
3.	400.	.6357E-05	.1458E-03	.044	-1.046
4.	400.	.6990E-05	.1709E-03	.041	-1.043
5.	400.	.7505E-05	.1915E-03	.039	-1.041
10.	400.	.9214E-05	.2651E-03	.034	-1.034
15.	400.	.1026E-04	.3192E-03	.032	-1.033
20.	400.	.1100E-04	.3654E-03	.030	-1.031
25.	400.	.1156E-04	.4070E-03	.028	-1.029
30.	400.	.1201E-04	.4458E-03	.027	-1.028
35.	400.	.1238E-04	.4827E-03	.026	-1.026
40.	400.	.1269E-04	.5183E-03	.024	-1.025
45.	400.	.1295E-04	.5528E-03	.023	-1.024
50.	400.	.1318E-04	.5866E-03	.022	-1.023
55.	400.	.1338E-04	.6197E-03	.022	-1.022
60.	400.	.1355E-04	.6523E-03	.021	-1.021
65.	400.	.1371E-04	.6845E-03	.020	-1.020
70.	400.	.1385E-04	.7162E-03	.019	-1.020
75.	400.	.1397E-04	.7476E-03	.019	-1.019
80.	400.	.1408E-04	.7788E-03	.018	-1.018
85.	400.	.1418E-04	.8093E-03	.018	-1.018
90.	400.	.1427E-04	.8397E-03	.017	-1.017
95.	400.	.1435E-04	.8698E-03	.016	-1.017
100.	400.	.1442E-04	.8997E-03	.016	-1.016
105.	400.	.1449E-04	.9293E-03	.016	-1.016
110.	400.	.1455E-04	.9588E-03	.015	-1.015
115.	400.	.1461E-04	.9880E-03	.015	-1.015
120.	400.	.1468E-04	.1017E-02	.014	-1.015

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TM
1.	500.	.6459E-05		.1452E-03	.044	-1.047
2.	500.	.6413E-05		.2503E-03	.035	-1.037
3.	500.	.1048E-04		.3304E-03	.032	-1.033
4.	500.	.1180E-04		.3959E-03	.030	-1.031
5.	500.	.1269E-04		.4502E-03	.029	-1.029
10.	500.	.1665E-04		.6551E-03	.025	-1.026
15.	500.	.1903E-04		.8190E-03	.023	-1.024
20.	500.	.2076E-04		.9636E-03	.022	-1.022
25.	500.	.2209E-04		.1094E-02	.020	-1.021
30.	500.	.2317E-04		.1217E-02	.019	-1.019
35.	500.	.2406E-04		.1332E-02	.018	-1.018
40.	500.	.2481E-04		.1443E-02	.017	-1.018
45.	500.	.2546E-04		.1549E-02	.016	-1.017
50.	500.	.2602E-04		.1651E-02	.016	-1.016
55.	500.	.2651E-04		.1750E-02	.015	-1.015
60.	500.	.2694E-04		.1847E-02	.015	-1.015
65.	500.	.2732E-04		.1943E-02	.014	-1.014
70.	500.	.2766E-04		.2038E-02	.014	-1.014
75.	500.	.2797E-04		.2133E-02	.013	-1.013
80.	500.	.2825E-04		.2228E-02	.013	-1.013
85.	500.	.2850E-04		.2323E-02	.012	-1.012
90.	500.	.2872E-04		.2419E-02	.012	-1.012
95.	500.	.2893E-04		.2517E-02	.011	-1.012
100.	500.	.2911E-04		.2615E-02	.011	-1.011
105.	500.	.2928E-04		.2715E-02	.011	-1.011
110.	500.	.2944E-04		.2816E-02	.010	-1.011
115.	500.	.2958E-04		.2918E-02	.010	-1.010
120.	500.	.2971E-04		.3023E-02	.010	-1.010

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TM
1.	600.	.9621E-05		.2639E-03	.036	-1.038
2.	600.	.1395E-04		.4770E-03	.029	-1.030
3.	600.	.1716E-04		.6455E-03	.027	-1.027
4.	600.	.1976E-04		.7838E-03	.025	-1.026
5.	600.	.2197E-04		.9007E-03	.024	-1.025
10.	600.	.2982E-04		.1363E-02	.022	-1.022
15.	600.	.3499E-04		.1757E-02	.020	-1.020
20.	600.	.3882E-04		.2115E-02	.018	-1.019
25.	600.	.4183E-04		.2446E-02	.017	-1.017
30.	600.	.4427E-04		.2756E-02	.016	-1.016
35.	600.	.4632E-04		.3049E-02	.015	-1.015
40.	600.	.4806E-04		.3328E-02	.014	-1.015
45.	600.	.4955E-04		.3594E-02	.014	-1.014
50.	600.	.5086E-04		.3850E-02	.013	-1.013
55.	600.	.5201E-04		.4097E-02	.013	-1.013
60.	600.	.5302E-04		.4337E-02	.012	-1.012
65.	600.	.5392E-04		.4575E-02	.012	-1.012
70.	600.	.5473E-04		.4811E-02	.011	-1.012
75.	600.	.5544E-04		.5049E-02	.011	-1.011
80.	600.	.5612E-04		.5289E-02	.011	-1.011
85.	600.	.5671E-04		.5533E-02	.010	-1.010
90.	600.	.5725E-04		.5782E-02	.010	-1.010
95.	600.	.5774E-04		.6036E-02	.010	-1.010
100.	600.	.5818E-04		.6296E-02	.009	-1.009
105.	600.	.5859E-04		.6563E-02	.009	-1.009
110.	600.	.5896E-04		.6837E-02	.009	-1.009
115.	600.	.5930E-04		.7119E-02	.008	-1.008
120.	600.	.5961E-04		.7409E-02	.008	-1.008

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	700.	.1423E-04		.4292E-03	.033	-1.034
2.	700.	.2180E-04		.8004E-03	.027	-1.028
3.	700.	.2783E-04		.1101E-02	.025	-1.026
4.	700.	.3279E-04		.1350E-02	.024	-1.025
5.	700.	.3778E-04		.1563E-02	.024	-1.024
10.	700.	.5286E-04		.2435E-02	.022	-1.022
15.	700.	.6363E-04		.3220E-02	.020	-1.020
20.	700.	.7177E-04		.3952E-02	.018	-1.018
25.	700.	.7826E-04		.4641E-02	.017	-1.017
30.	700.	.8360E-04		.5292E-02	.016	-1.016
35.	700.	.8810E-04		.5912E-02	.015	-1.015
40.	700.	.9195E-04		.6502E-02	.014	-1.014
45.	700.	.9528E-04		.7066E-02	.013	-1.014
50.	700.	.9820E-04		.7607E-02	.013	-1.013
55.	700.	.1008E-03		.8126E-02	.012	-1.013
60.	700.	.1031E-03		.8633E-02	.012	-1.012
65.	700.	.1051E-03		.9134E-02	.012	-1.012
70.	700.	.1064E-03		.9634E-02	.011	-1.011
75.	700.	.1086E-03		.1014E-01	.011	-1.011
80.	700.	.1101E-03		.1065E-01	.010	-1.010
85.	700.	.1114E-03		.1118E-01	.010	-1.010
90.	700.	.1127E-03		.1171E-01	.010	-1.010
95.	700.	.1138E-03		.1227E-01	.009	-1.009
100.	700.	.1148E-03		.1284E-01	.009	-1.009
105.	700.	.1157E-03		.1343E-01	.009	-1.009
110.	700.	.1166E-03		.1403E-01	.008	-1.008
115.	700.	.1174E-03		.1467E-01	.008	-1.008
120.	700.	.1181E-03		.1532E-01	.008	-1.008

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	800.	.2084E-04		.6328E-03	.033	-1.034
2.	800.	.3399E-04		.1204E-02	.028	-1.029
3.	800.	.4464E-04		.1671E-02	.027	-1.027
4.	800.	.5377E-04		.2061E-02	.026	-1.027
5.	800.	.6182E-04		.2396E-02	.026	-1.026
10.	800.	.9245E-04		.3813E-02	.024	-1.025
15.	800.	.1141E-03		.5146E-02	.022	-1.023
20.	800.	.1308E-03		.6421E-02	.020	-1.021
25.	800.	.1443E-03		.7640E-02	.019	-1.019
30.	800.	.1556E-03		.8807E-02	.018	-1.018
35.	800.	.1651E-03		.9925E-02	.017	-1.017
40.	800.	.1733E-03		.1100E-01	.016	-1.016
45.	800.	.1805E-03		.1202E-01	.015	-1.015
50.	800.	.1868E-03		.1301E-01	.014	-1.015
55.	800.	.1924E-03		.1396E-01	.014	-1.014
60.	800.	.1973E-03		.1488E-01	.013	-1.013
65.	800.	.2018E-03		.1580E-01	.013	-1.013
70.	800.	.2054E-03		.1672E-01	.012	-1.012
75.	800.	.2094E-03		.1765E-01	.012	-1.012
80.	800.	.2127E-03		.1859E-01	.011	-1.012
85.	800.	.2156E-03		.1956E-01	.011	-1.011
90.	800.	.2183E-03		.2056E-01	.011	-1.011
95.	800.	.2208E-03		.2159E-01	.010	-1.010
100.	800.	.2231E-03		.2265E-01	.010	-1.010
105.	800.	.2251E-03		.2376E-01	.009	-1.010
110.	800.	.2270E-03		.2490E-01	.009	-1.009
115.	800.	.2287E-03		.2610E-01	.009	-1.009
120.	800.	.2303E-03		.2734E-01	.008	-1.008

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	900.	.3022E-04		.8574E-03	.035	-1.057
2.	900.	.5213E-04		.1647E-02	.032	-1.033
3.	900.	.7067E-04		.2295E-02	.031	-1.032
4.	900.	.8697E-04		.2839E-02	.031	-1.032
5.	900.	.1018E-03		.3338E-02	.031	-1.032
10.	900.	.1592E-03		.5339E-02	.030	-1.031
15.	900.	.2014E-03		.7322E-02	.028	-1.028
20.	900.	.2346E-03		.9263E-02	.025	-1.026
25.	900.	.2418E-03		.1115E-01	.023	-1.024
30.	900.	.2846E-03		.1294E-01	.022	-1.022
35.	900.	.3042E-03		.1474E-01	.021	-1.021
40.	900.	.3211E-03		.1645E-01	.020	-1.020
45.	900.	.3359E-03		.1810E-01	.019	-1.019
50.	900.	.3490E-03		.1968E-01	.018	-1.018
55.	900.	.3607E-03		.2171E-01	.017	-1.017
60.	900.	.3711E-03		.2271E-01	.016	-1.017
65.	900.	.3805E-03		.2420E-01	.016	-1.016
70.	900.	.3980E-03		.2569E-01	.015	-1.015
75.	900.	.3965E-03		.2720E-01	.015	-1.015
80.	900.	.4035E-03		.2874E-01	.014	-1.014
85.	900.	.4098E-03		.3032E-01	.014	-1.014
90.	900.	.4155E-03		.3194E-01	.013	-1.013
95.	900.	.4208E-03		.3363E-01	.013	-1.013
100.	900.	.4256E-03		.3537E-01	.012	-1.012
105.	900.	.4299E-03		.3718E-01	.012	-1.012
110.	900.	.4340E-03		.3906E-01	.011	-1.011
115.	900.	.4377E-03		.4102E-01	.011	-1.011
120.	900.	.4410E-03		.4306E-01	.010	-1.010

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1000.	.4328E-04		.1084E-02	.040	-1.042
2.	1000.	.7885E-04		.2083E-02	.038	-1.039
3.	1000.	.1102E-03		.2903E-02	.038	-1.039
4.	1000.	.1385E-03		.3591E-02	.039	-1.040
5.	1000.	.1643E-03		.4187E-02	.039	-1.041
10.	1000.	.2694E-03		.6818E-02	.040	-1.041
15.	1000.	.3488E-03		.9470E-02	.037	-1.038
20.	1000.	.4126E-03		.1212E-01	.034	-1.035
25.	1000.	.4655E-03		.1474E-01	.032	-1.033
30.	1000.	.5105E-03		.1730E-01	.029	-1.030
35.	1000.	.5492E-03		.1981E-01	.026	-1.029
40.	1000.	.5829E-03		.2225E-01	.026	-1.027
45.	1000.	.6127E-03		.2462E-01	.025	-1.026
50.	1000.	.6390E-03		.2692E-01	.024	-1.024
55.	1000.	.6626E-03		.2915E-01	.023	-1.023
60.	1000.	.6837E-03		.3135E-01	.022	-1.022
65.	1000.	.7027E-03		.3353E-01	.021	-1.021
70.	1000.	.7198E-03		.3572E-01	.020	-1.021
75.	1000.	.7354E-03		.3794E-01	.019	-1.020
80.	1000.	.7496E-03		.4021E-01	.019	-1.019
85.	1000.	.7625E-03		.4253E-01	.018	-1.018
90.	1000.	.7743E-03		.4492E-01	.017	-1.018
95.	1000.	.7851E-03		.4739E-01	.017	-1.017
100.	1000.	.7944E-03		.4995E-01	.016	-1.016
105.	1000.	.8040E-03		.5260E-01	.015	-1.016
110.	1000.	.8123E-03		.5536E-01	.015	-1.015
115.	1000.	.8194E-03		.5823E-01	.014	-1.014
120.	1000.	.8269E-03		.6121E-01	.014	-1.014

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1100.	.6112E-04		.1294E-02	.047	-1.050
2.	1100.	.1174E-03		.2476E-02	.047	-1.050
3.	1100.	.1689E-03		.3441E-02	.049	-1.052
4.	1100.	.2166E-03		.4250E-02	.051	-1.054
5.	1100.	.2609E-03		.4942E-02	.053	-1.056
10.	1100.	.4466E-03		.8105E-02	.055	-1.058
15.	1100.	.5916E-03		.1137E-01	.052	-1.055
20.	1100.	.7102E-03		.1470E-01	.048	-1.051
25.	1100.	.8099E-03		.1803E-01	.045	-1.047
30.	1100.	.8952E-03		.2133E-01	.042	-1.044
35.	1100.	.9694E-03		.2460E-01	.039	-1.041
40.	1100.	.1034E-02		.2781E-01	.037	-1.039
45.	1100.	.1092E-02		.3095E-01	.035	-1.037
50.	1100.	.1143E-02		.3402E-01	.034	-1.035
55.	1100.	.1189E-02		.3703E-01	.032	-1.033
60.	1100.	.1230E-02		.3994E-01	.031	-1.032
65.	1100.	.1268E-02		.4295E-01	.030	-1.030
70.	1100.	.1301E-02		.4593E-01	.028	-1.029
75.	1100.	.1332E-02		.4895E-01	.027	-1.028
80.	1100.	.1360E-02		.5203E-01	.026	-1.027
85.	1100.	.1386E-02		.5516E-01	.025	-1.026
90.	1100.	.1409E-02		.5842E-01	.024	-1.025
95.	1100.	.1430E-02		.6177E-01	.023	-1.024
100.	1100.	.1450E-02		.6522E-01	.022	-1.023
105.	1100.	.1468E-02		.6880E-01	.021	-1.022
110.	1100.	.1484E-02		.7250E-01	.020	-1.021
115.	1100.	.1500E-02		.7635E-01	.020	-1.020
120.	1100.	.1514E-02		.8035E-01	.019	-1.019

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1200.	.8501E-04		.1474E-02	.057	-1.061
2.	1200.	.1716E-03		.2809E-02	.061	-1.065
3.	1200.	.2540E-03		.3888E-02	.065	-1.070
4.	1200.	.3320E-03		.4792E-02	.069	-1.074
5.	1200.	.4057E-03		.5575E-02	.073	-1.078
10.	1200.	.7238E-03		.9150E-02	.079	-1.086
15.	1200.	.9800E-03		.1294E-01	.076	-1.082
20.	1200.	.1193E-02		.1686E-01	.071	-1.076
25.	1200.	.1375E-02		.2085E-01	.066	-1.071
30.	1200.	.1531E-02		.2485E-01	.062	-1.066
35.	1200.	.1668E-02		.2885E-01	.058	-1.061
40.	1200.	.1789E-02		.3282E-01	.055	-1.058
45.	1200.	.1897E-02		.3674E-01	.052	-1.054
50.	1200.	.1993E-02		.4061E-01	.049	-1.052
55.	1200.	.2079E-02		.4442E-01	.047	-1.049
60.	1200.	.2157E-02		.4820E-01	.045	-1.047
65.	1200.	.2228E-02		.5194E-01	.043	-1.045
70.	1200.	.2292E-02		.5581E-01	.041	-1.043
75.	1200.	.2350E-02		.5969E-01	.039	-1.041
80.	1200.	.2403E-02		.6364E-01	.038	-1.039
85.	1200.	.2452E-02		.6768E-01	.036	-1.038
90.	1200.	.2497E-02		.7182E-01	.035	-1.036
95.	1200.	.2537E-02		.7604E-01	.033	-1.034
100.	1200.	.2575E-02		.8049E-01	.032	-1.033
105.	1200.	.2609E-02		.8503E-01	.031	-1.032
110.	1200.	.2641E-02		.8972E-01	.029	-1.030
115.	1200.	.2670E-02		.9458E-01	.028	-1.029
120.	1200.	.2697E-02		.9962E-01	.027	-1.028

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	1300.	.1162E-03	.1643E-02	.071	-1.076
2.	1300.	.2401E-03	.3093E-02	.080	-1.086
3.	1300.	.3741E-03	.4262E-02	.088	-1.096
4.	1300.	.4978E-03	.5239E-02	.095	-1.105
5.	1300.	.6167E-03	.6088E-02	.101	-1.113
10.	1300.	.1144E-02	.1001E-01	.114	-1.124
15.	1300.	.1582E-02	.1425E-01	.111	-1.125
20.	1300.	.1952E-02	.1870E-01	.104	-1.117
25.	1300.	.2270E-02	.2329E-01	.097	-1.108
30.	1300.	.2548E-02	.2795E-01	.091	-1.100
35.	1300.	.2792E-02	.3260E-01	.086	-1.093
40.	1300.	.3009E-02	.3738E-01	.081	-1.088
45.	1300.	.3203E-02	.4209E-01	.076	-1.082
50.	1300.	.3376E-02	.4677E-01	.072	-1.078
45.	1300.	.3533E-02	.5143E-01	.069	-1.074
60.	1300.	.3674E-02	.5608E-01	.066	-1.070
65.	1300.	.3803E-02	.6075E-01	.063	-1.067
70.	1300.	.3920E-02	.6548E-01	.060	-1.064
75.	1300.	.4027E-02	.7028E-01	.057	-1.061
80.	1300.	.4124E-02	.7517E-01	.055	-1.058
85.	1300.	.4214E-02	.8017E-01	.053	-1.055
90.	1300.	.4296E-02	.8530E-01	.050	-1.053
95.	1300.	.4371E-02	.9050E-01	.048	-1.051
100.	1300.	.4440E-02	.9597E-01	.046	-1.049
105.	1300.	.4504E-02	.1015E+00	.044	-1.046
110.	1300.	.4562E-02	.1073E+00	.043	-1.044
115.	1300.	.4616E-02	.1132E+00	.041	-1.043
120.	1300.	.4666E-02	.1193E+00	.039	-1.041

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	1400.	.1560E-03	.1796E-02	.087	-1.095
2.	1400.	.3454E-03	.3357E-02	.103	-1.115
3.	1400.	.5383E-03	.4610E-02	.117	-1.132
4.	1400.	.7287E-03	.5658E-02	.129	-1.148
5.	1400.	.9144E-03	.6569E-02	.139	-1.162
10.	1400.	.1761E-02	.1083E-01	.163	-1.194
15.	1400.	.2481E-02	.1550E-01	.160	-1.191
20.	1400.	.3101E-02	.2048E-01	.151	-1.178
25.	1400.	.3640E-02	.2568E-01	.142	-1.165
30.	1400.	.4113E-02	.3102E-01	.133	-1.153
35.	1400.	.4533E-02	.3647E-01	.124	-1.142
40.	1400.	.4907E-02	.4199E-01	.117	-1.132
45.	1400.	.5242E-02	.4755E-01	.110	-1.124
50.	1400.	.5544E-02	.5313E-01	.104	-1.117
55.	1400.	.5817E-02	.5873E-01	.099	-1.110
60.	1400.	.6065E-02	.6436E-01	.094	-1.104
65.	1400.	.6290E-02	.7004E-01	.090	-1.099
70.	1400.	.6496E-02	.7581E-01	.086	-1.094
75.	1400.	.6684E-02	.8167E-01	.082	-1.089
80.	1400.	.6856E-02	.8765E-01	.078	-1.085
85.	1400.	.7013E-02	.9376E-01	.075	-1.081
90.	1400.	.7158E-02	.1000E+00	.072	-1.077
95.	1400.	.7291E-02	.1064E+00	.069	-1.074
100.	1400.	.7414E-02	.1130E+00	.066	-1.070
105.	1400.	.7527E-02	.1198E+00	.063	-1.067
110.	1400.	.7630E-02	.1267E+00	.060	-1.064
115.	1400.	.7726E-02	.1338E+00	.058	-1.061
120.	1400.	.7814E-02	.1412E+00	.055	-1.059

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1500.	.2051E+03		.1958E+02	.105	-1.117
2.	1500.	.4738E+03		.3648E+02	.130	-1.149
3.	1500.	.7555E+03		.5000E+02	.151	-1.178
4.	1500.	.1039E+02		.6133E+02	.169	-1.204
5.	1500.	.1320E+02		.7122E+02	.185	-1.227
10.	1500.	.2630E+02		.1179E+01	.223	-1.287
15.	1500.	.3774E+02		.1698E+01	.222	-1.286
20.	1500.	.4773E+02		.2258E+01	.211	-1.268
25.	1500.	.5650E+02		.2844E+01	.198	-1.247
30.	1500.	.6426E+02		.3464E+01	.186	-1.228
35.	1500.	.7118E+02		.4097E+01	.174	-1.210
40.	1500.	.7738E+02		.4744E+01	.163	-1.195
45.	1500.	.8296E+02		.5403E+01	.154	-1.181
50.	1500.	.8800E+02		.6071E+01	.145	-1.170
55.	1500.	.9257E+02		.6747E+01	.137	-1.159
60.	1500.	.9673E+02		.7430E+01	.130	-1.150
65.	1500.	.1005E+01		.8175E+01	.124	-1.141
70.	1500.	.1040E+01		.8831E+01	.118	-1.133
75.	1500.	.1072E+01		.9552E+01	.112	-1.126
80.	1500.	.1101E+01		.1029E+00	.107	-1.120
85.	1500.	.1127E+01		.1104E+00	.102	-1.114
90.	1500.	.1152E+01		.1181E+00	.098	-1.108
95.	1500.	.1174E+01		.1260E+00	.093	-1.103
100.	1500.	.1195E+01		.1340E+00	.089	-1.098
105.	1500.	.1214E+01		.1423E+00	.085	-1.093
110.	1500.	.1232E+01		.1508E+00	.082	-1.089
115.	1500.	.1248E+01		.1595E+00	.078	-1.085
120.	1500.	.1263E+01		.1685E+00	.075	-1.081

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1600.	.2639E+03		.2136E+02	.124	-1.141
2.	1600.	.6332E+03		.3979E+02	.159	-1.189
3.	1600.	.1032E+02		.5460E+02	.189	-1.233
4.	1600.	.1440E+02		.6705E+02	.215	-1.274
5.	1600.	.1850E+02		.7796E+02	.237	-1.311
10.	1600.	.3806E+02		.1298E+01	.293	-1.415
15.	1600.	.5553E+02		.1882E+01	.295	-1.419
20.	1600.	.7098E+02		.2519E+01	.282	-1.392
25.	1600.	.8469E+02		.3197E+01	.265	-1.360
30.	1600.	.9690E+02		.3911E+01	.248	-1.329
35.	1600.	.1078E+01		.4653E+01	.232	-1.302
40.	1600.	.1177E+01		.5420E+01	.217	-1.277
45.	1600.	.1266E+01		.6208E+01	.204	-1.256
50.	1600.	.1347E+01		.7014E+01	.192	-1.238
55.	1600.	.1420E+01		.7836E+01	.181	-1.221
60.	1600.	.1487E+01		.8674E+01	.171	-1.207
65.	1600.	.1548E+01		.9530E+01	.162	-1.194
70.	1600.	.1604E+01		.1040E+00	.154	-1.182
75.	1600.	.1655E+01		.1130E+00	.146	-1.172
80.	1600.	.1702E+01		.1221E+00	.139	-1.162
85.	1600.	.1745E+01		.1315E+00	.133	-1.153
90.	1600.	.1785E+01		.1411E+00	.126	-1.145
95.	1600.	.1822E+01		.1509E+00	.121	-1.137
100.	1600.	.1855E+01		.1610E+00	.115	-1.130
105.	1600.	.1887E+01		.1713E+00	.110	-1.124
110.	1600.	.1915E+01		.1819E+00	.105	-1.118
115.	1600.	.1942E+01		.1927E+00	.101	-1.112
120.	1600.	.1967E+01		.2038E+00	.097	-1.107

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1700.	.3317E-03		.2331E-02	.142	-1.166
2.	1700.	.8241E-03		.4362E-02	.189	-1.233
3.	1700.	.1370E-02		.6002E-02	.228	-1.296
4.	1700.	.1937E-02		.7384E-02	.262	-1.355
5.	1700.	.2512E-02		.8609E-02	.292	-1.412
10.	1700.	.5321E-02		.1445E-01	.368	-1.583
15.	1700.	.7882E-02		.2108E-01	.374	-1.597
20.	1700.	.1018E-01		.2838E-01	.358	-1.559
25.	1700.	.1223E-01		.3625E-01	.337	-1.509
30.	1700.	.1407E-01		.4450E-01	.315	-1.461
35.	1700.	.1572E-01		.5338E-01	.295	-1.418
40.	1700.	.1722E-01		.6251E-01	.275	-1.380
45.	1700.	.1858E-01		.7203E-01	.258	-1.348
50.	1700.	.1981E-01		.8183E-01	.242	-1.319
55.	1700.	.2093E-01		.9191E-01	.228	-1.295
60.	1700.	.2196E-01		.1023E+00	.215	-1.273
65.	1700.	.2290E-01		.1129E+00	.203	-1.254
70.	1700.	.2376E-01		.1238E+00	.192	-1.237
75.	1700.	.2455E-01		.1350E+00	.182	-1.222
80.	1700.	.2528E-01		.1465E+00	.172	-1.208
85.	1700.	.2595E-01		.1583E+00	.164	-1.196
90.	1700.	.2656E-01		.1704E+00	.156	-1.185
95.	1700.	.2713E-01		.1828E+00	.148	-1.174
100.	1700.	.2766E-01		.1955E+00	.141	-1.165
105.	1700.	.2814E-01		.2086E+00	.135	-1.156
110.	1700.	.2859E-01		.2219E+00	.129	-1.148
115.	1700.	.2900E-01		.2355E+00	.123	-1.140
120.	1700.	.2938E-01		.2495E+00	.118	-1.134

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1800.	.4065E-03		.2549E-02	.159	-1.190
2.	1800.	.1042E-02		.4803E-02	.217	-1.277
3.	1800.	.1762E-02		.6634E-02	.265	-1.361
4.	1800.	.2522E-02		.8201E-02	.308	-1.444
5.	1800.	.3300E-02		.9583E-02	.344	-1.525
10.	1800.	.7172E-02		.1624E-01	.442	-1.791
15.	1800.	.1077E-01		.2384E-01	.452	-1.824
20.	1800.	.1402E-01		.3228E-01	.434	-1.768
25.	1800.	.1696E-01		.4147E-01	.409	-1.692
30.	1800.	.1961E-01		.5132E-01	.382	-1.618
35.	1800.	.2200E-01		.6177E-01	.356	-1.553
40.	1800.	.2417E-01		.7278E-01	.332	-1.497
45.	1800.	.2614E-01		.8430E-01	.310	-1.449
50.	1800.	.2794E-01		.9630E-01	.290	-1.409
55.	1800.	.2954E-01		.1087E+00	.272	-1.374
60.	1800.	.3104E-01		.1216E+00	.256	-1.343
65.	1800.	.3246E-01		.1349E+00	.241	-1.317
70.	1800.	.3373E-01		.1487E+00	.227	-1.293
75.	1800.	.3469E-01		.1624E+00	.214	-1.273
80.	1800.	.3596E-01		.1774E+00	.203	-1.254
85.	1800.	.3695E-01		.1924E+00	.192	-1.238
90.	1800.	.3746E-01		.2078E+00	.182	-1.223
95.	1800.	.3870E-01		.2236E+00	.173	-1.209
100.	1800.	.3947E-01		.2398E+00	.165	-1.197
105.	1800.	.4019E-01		.2565E+00	.157	-1.186
110.	1800.	.4085E-01		.2735E+00	.149	-1.176
115.	1800.	.4146E-01		.2904E+00	.143	-1.166
120.	1800.	.4203E-01		.3087E+00	.136	-1.158

TIME	STRESS	PSI	LENGTH	STRAIN	DIAETER	R	TH
120.	2000.	7454E-01			.4853E+00	.154	.1226
115.	2000.	.7352E-01			.4554E+00	.141	.1193
110.	2000.	.7238E-01			.4261E+00	.170	.105
105.	2000.	.7114E-01			.3976E+00	.179	.100.
100.	2000.	.6986E-01			.3698E+00	.189	.95.
95.	2000.	.6835E-01			.3427E+00	.149	.90.
90.	2000.	.6678E-01			.3164E+00	.211	.85.
85.	2000.	.6504E-01			.2909E+00	.224	.80.
80.	2000.	.6326E-01			.2661E+00	.238	.75.
75.	2000.	.6127E-01			.2423E+00	.253	.70.
70.	2000.	.5912E-01			.2192E+00	.270	.65.
65.	2000.	.5678E-01			.1971E+00	.288	.60.
60.	2000.	.5424E-01			.1759E+00	.308	.55.
55.	2000.	.5198E-01			.1556E+00	.331	.50.
50.	2000.	.4887E-01			.1363E+00	.356	.45.
45.	2000.	.4519E-01			.1180E+00	.383	.40.
40.	2000.	.4160E-01			.1007E+00	.413	.35.
35.	2000.	.3767E-01			.8455E-01	.446	.30.
30.	2000.	.3337E-01			.6946E-01	.480	.25.
25.	2000.	.2864E-01			.5551E-01	.516	.20.
20.	2000.	.2344E-01			.4274E-01	.548	.15.
15.	2000.	.1774E-01			.3120E-01	.569	.10.
10.	2000.	.1158E-01			.2100E-01	.551	.5.
5.	2000.	.5106E-02			.1213E-01	.421	.4.
4.	2000.	.3647E-02			.1031E-01	.373	.3.
3.	2000.	.2637E-02			.8262E-02	.319	.2.
2.	2000.	.1517E-02			.5895E-02	.257	.1.
1.	2000.	.5630E-03			.3055E-02	.184	SEC.

TIME	SEC.	STRESS	PSI	LENGTH	DIAMETER	STRAIN	DIAMETER	IN
120.		1900.		.5738E-01	.3055E+00		.149	.1175
115.		1900.		.5659E-01	.3026E+00		.156	.1185
110.		1900.		.5573E-01	.3401E+00		.164	.1196
105.		1900.		.5480E-01	.3181E+00		.172	.1208
100.		1900.		.5379E-01	.2907E+00		.181	.1221
95.		1900.		.5270E-01	.2759E+00		.191	.1236
90.		1900.		.5152E-01	.2555E+00		.202	.1253
85.		1900.		.5025E-01	.2356E+00		.213	.1271
80.		1900.		.4887E-01	.2166E+00		.220	.1291
75.		1900.		.4737E-01	.1960E+00		.239	.1315
70.		1900.		.4574E-01	.1749E+00		.258	.1341
65.		1900.		.4398E-01	.1626E+00		.271	.1371
60.		1900.		.4206E-01	.1458E+00		.288	.1405
55.		1900.		.3997E-01	.1297E+00		.308	.1446
50.		1900.		.3768E-01	.1142E+00		.330	.1493
45.		1900.		.3519E-01	.9941E-01		.354	.1548
40.		1900.		.3246E-01	.8535E-01		.380	.1614
35.		1900.		.2946E-01	.7204E-01		.409	.1692
30.		1900.		.2617E-01	.5951E-01		.440	.1785
25.		1900.		.2254E-01	.4782E-01		.471	.1882
20.		1900.		.1854E-01	.3702E-01		.501	.2003
15.		1900.		.1412E-01	.2719E-01		.520	.2082
10.		1900.		.9877E-02	.1840E-01		.505	.2021
5.		1900.		.6183E-02	.1075E-01		.389	.1637
4.		1900.		.3172E-02	.9165E-02		.346	.1524
3.		1900.		.2194E-02	.7386E-02		.297	.1422
2.		1900.		.1278E-02	.5510E-02		.241	.1211
1.		1900.		.6852E-03	.2789E-02		.174	.1211

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2100.	.6340E-03		.3349E-02	.189	-1.233
2.	2100.	.1739E-02		.6504E-02	.265	-1.360
3.	2100.	.3055E-02		.9288E-02	.329	-1.490
4.	2100.	.4486E-02		.1165E-01	.385	-1.626
5.	2100.	.5948E-02		.1378E-01	.435	-1.769
10.	2100.	.1377E-01		.2412E-01	.571	-2.331
15.	2100.	.2130E-01		.3605E-01	.591	-2.444
20.	2100.	.2828E-01		.4463E-01	.570	-2.325
25.	2100.	.3468E-01		.6480E-01	.535	-2.152
30.	2100.	.4053E-01		.8152E-01	.497	-1.989
35.	2100.	.4587E-01		.9977E-01	.460	-1.851
40.	2100.	.5074E-01		.1195E+00	.425	-1.738
45.	2100.	.5521E-01		.1408E+00	.392	-1.645
50.	2100.	.5930E-01		.1635E+00	.363	-1.569
55.	2100.	.6305E-01		.1877E+00	.336	-1.506
60.	2100.	.6650E-01		.2133E+00	.312	-1.453
65.	2100.	.6967E-01		.2403E+00	.290	-1.408
70.	2100.	.7260E-01		.2685E+00	.270	-1.370
75.	2100.	.7530E-01		.2981E+00	.253	-1.338
80.	2100.	.7779E-01		.3289E+00	.236	-1.310
85.	2100.	.8009E-01		.3609E+00	.222	-1.285
90.	2100.	.8221E-01		.3940E+00	.209	-1.264
95.	2100.	.8418E-01		.4283E+00	.197	-1.245
100.	2100.	.8600E-01		.4636E+00	.186	-1.226
105.	2100.	.8768E-01		.4990E+00	.175	-1.213
110.	2100.	.8924E-01		.5373E+00	.166	-1.199
115.	2100.	.9068E-01		.5755E+00	.158	-1.187
120.	2100.	.9202E-01		.6148E+00	.150	-1.176

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2200.	.6918E-03		.3677E-02	.188	-1.232
2.	2200.	.1924E-02		.7346E-02	.262	-1.355
3.	2200.	.3405E-02		.1044E-01	.325	-1.481
4.	2200.	.5027E-02		.1325E-01	.380	-1.612
5.	2200.	.6734E-02		.1573E-01	.428	-1.748
10.	2200.	.1566E-01		.2784E-01	.562	-2.285
15.	2200.	.2436E-01		.4184E-01	.582	-2.394
20.	2200.	.3248E-01		.5789E-01	.561	-2.278
25.	2200.	.3994E-01		.7597E-01	.526	-2.108
30.	2200.	.4678E-01		.9608E-01	.487	-1.949
35.	2200.	.5303E-01		.1182E+00	.449	-1.813
40.	2200.	.5875E-01		.1424E+00	.413	-1.702
45.	2200.	.6399E-01		.1686E+00	.379	-1.611
50.	2200.	.6880E-01		.1970E+00	.349	-1.537
55.	2200.	.7322E-01		.2273E+00	.322	-1.475
60.	2200.	.7729E-01		.2598E+00	.298	-1.424
65.	2200.	.8103E-01		.2941E+00	.276	-1.380
70.	2200.	.8448E-01		.3304E+00	.256	-1.344
75.	2200.	.8767E-01		.3685E+00	.238	-1.312
80.	2200.	.9061E-01		.4083E+00	.222	-1.285
85.	2200.	.9333E-01		.4498E+00	.207	-1.262
90.	2200.	.9585E-01		.4930E+00	.194	-1.241
95.	2200.	.9817E-01		.5377E+00	.183	-1.223
100.	2200.	.1003E+00		.5839E+00	.172	-1.207
105.	2200.	.1023E+00		.6316E+00	.162	-1.193
110.	2200.	.1042E+00		.6807E+00	.153	-1.181
115.	2200.	.1059E+00		.7310E+00	.145	-1.169
120.	2200.	.1075E+00		.7826E+00	.137	-1.159

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2300.	.7305E-03		.4042E-02	.181	-1.221
2.	2300.	.2048E-02		.8243E-02	.248	-1.331
3.	2300.	.3642E-02		.1190E-01	.306	-1.441
4.	2300.	.5195E-02		.1512E-01	.357	-1.555
5.	2300.	.7745E-02		.1804E-01	.402	-1.671
10.	2300.	.1697E-01		.3226E-01	.526	-2.108
15.	2300.	.2650E-01		.4878E-01	.544	-2.191
20.	2300.	.3541E-01		.6777E-01	.523	-2.094
25.	2300.	.4363E-01		.8937E-01	.488	-1.954
30.	2300.	.5116E-01		.1136E+00	.450	-1.819
35.	2300.	.5807E-01		.1405E+00	.413	-1.704
40.	2300.	.6439E-01		.1702E+00	.378	-1.609
45.	2300.	.7019E-01		.2027E+00	.346	-1.530
50.	2300.	.7552E-01		.2380E+00	.317	-1.465
55.	2300.	.8042E-01		.2762E+00	.291	-1.411
60.	2300.	.8492E-01		.3173E+00	.268	-1.365
65.	2300.	.8908E-01		.3612E+00	.247	-1.327
70.	2300.	.9291E-01		.4077E+00	.226	-1.295
75.	2300.	.9645E-01		.4564E+00	.211	-1.268
80.	2300.	.9972E-01		.5085E+00	.196	-1.244
85.	2300.	.1027E+00		.5625E+00	.183	-1.223
90.	2300.	.1055E+00		.6189E+00	.171	-1.206
95.	2300.	.1081E+00		.6774E+00	.160	-1.190
100.	2300.	.1105E+00		.7381E+00	.150	-1.176
105.	2300.	.1127E+00		.8007E+00	.141	-1.164
110.	2300.	.1148E+00		.8653E+00	.133	-1.153
115.	2300.	.1167E+00		.9317E+00	.125	-1.143
120.	2300.	.1185E+00		.9999E+00	.118	-1.134

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2400.	.7450E-03		.4450E-02	.167	-1.201
2.	2400.	.2096E-02		.9280E-02	.226	-1.292
3.	2400.	.3733E-02		.1354E-01	.276	-1.380
4.	2400.	.5536E-02		.1734E-01	.319	-1.469
5.	2400.	.7441E-02		.2078E-01	.358	-1.558
10.	2400.	.1748E-01		.3753E-01	.466	-1.871
15.	2400.	.2734E-01		.5695E-01	.480	-1.923
20.	2400.	.3697E-01		.7951E-01	.460	-1.851
25.	2400.	.4508E-01		.1053E+00	.428	-1.748
30.	2400.	.5290E-01		.1346E+00	.393	-1.648
35.	2400.	.6007E-01		.1673E+00	.359	-1.560
40.	2400.	.6664E-01		.2038E+00	.327	-1.486
45.	2400.	.7266E-01		.2440E+00	.298	-1.424
50.	2400.	.7820E-01		.2881E+00	.271	-1.373
55.	2400.	.8329E-01		.3363E+00	.248	-1.329
60.	2400.	.8798E-01		.3884E+00	.227	-1.293
65.	2400.	.9230E-01		.4444E+00	.208	-1.262
70.	2400.	.9629E-01		.5042E+00	.191	-1.236
75.	2400.	.9997E-01		.5676E+00	.176	-1.214
80.	2400.	.1034E+00		.6346E+00	.163	-1.195
85.	2400.	.1065E+00		.7044E+00	.151	-1.178
90.	2400.	.1094E+00		.7785E+00	.141	-1.164
95.	2400.	.1121E+00		.8552E+00	.131	-1.151
100.	2400.	.1146E+00		.9346E+00	.123	-1.140
105.	2400.	.1170E+00		.1017E+01	.115	-1.130
110.	2400.	.1191E+00		.1102E+01	.108	-1.121
115.	2400.	.1211E+00		.1190E+01	.102	-1.113
120.	2400.	.1229E+00		.1280E+01	.096	-1.106

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	2500.	.7328E-03	.4906E-02	.149	-1.176
2.	2500.	.2056E-02	.1046E-01	.196	-1.244
3.	2500.	.3658E-02	.1547E-01	.236	-1.310
4.	2500.	.5421E-02	.1994E-01	.272	-1.373
5.	2500.	.7241E-02	.2400E-01	.303	-1.436
10.	2500.	.1707E-01	.4373E-01	.390	-1.640
15.	2500.	.2668E-01	.6063E-01	.400	-1.668
20.	2500.	.3567E-01	.9339E-01	.382	-1.618
25.	2500.	.4396E-01	.1243E+00	.354	-1.547
30.	2500.	.5157E-01	.1596E+00	.323	-1.478
35.	2500.	.5854E-01	.1994E+00	.294	-1.416
40.	2500.	.6493E-01	.2441E+00	.266	-1.362
45.	2500.	.7080E-01	.2939E+00	.241	-1.317
50.	2500.	.7619E-01	.3490E+00	.218	-1.279
55.	2500.	.8114E-01	.4097E+00	.198	-1.247
60.	2500.	.8571E-01	.4756E+00	.180	-1.220
65.	2500.	.8991E-01	.5473E+00	.164	-1.197
70.	2500.	.9379E-01	.6240E+00	.150	-1.177
75.	2500.	.9738E-01	.7059E+00	.138	-1.160
80.	2500.	.1007E+00	.7926E+00	.127	-1.146
85.	2500.	.1038E+00	.8841E+00	.117	-1.133
90.	2500.	.1066E+00	.9802E+00	.109	-1.122
95.	2500.	.1092E+00	.1081E+01	.101	-1.112
100.	2500.	.1117E+00	.1185E+01	.094	-1.104
105.	2500.	.1139E+00	.1294E+01	.088	-1.097
110.	2500.	.1160E+00	.1406E+01	.083	-1.090
115.	2500.	.1179E+00	.1521E+01	.078	-1.084
120.	2500.	.1197E+00	.1640E+01	.073	-1.079

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	2600.	.6940E-03	.5417E-02	.128	-1.147
2.	2600.	.1932E-02	.1187E-01	.163	-1.194
3.	2600.	.3421E-02	.1773E-01	.193	-1.239
4.	2600.	.5054E-02	.2306E-01	.220	-1.282
5.	2600.	.6773E-02	.2779E-01	.244	-1.322
10.	2600.	.1578E-01	.5100E-01	.309	-1.448
15.	2600.	.2457E-01	.7797E-01	.315	-1.460
20.	2600.	.3278E-01	.1097E+00	.299	-1.426
25.	2600.	.4034E-01	.1466E+00	.279	-1.380
30.	2600.	.4727E-01	.1891E+00	.250	-1.333
35.	2600.	.5361E-01	.2376E+00	.226	-1.291
40.	2600.	.5942E-01	.2924E+00	.203	-1.255
45.	2600.	.6475E-01	.3539E+00	.183	-1.224
50.	2600.	.6965E-01	.4226E+00	.165	-1.197
55.	2600.	.7415E-01	.4989E+00	.149	-1.175
60.	2600.	.7829E-01	.5826E+00	.134	-1.155
65.	2600.	.8210E-01	.6737E+00	.122	-1.139
70.	2600.	.8563E-01	.7721E+00	.111	-1.125
75.	2600.	.8888E-01	.8775E+00	.101	-1.113
80.	2600.	.9188E-01	.9897E+00	.093	-1.102
85.	2600.	.9466E-01	.1108E+01	.085	-1.093
90.	2600.	.9724E-01	.1234E+01	.079	-1.086
95.	2600.	.9962E-01	.1385E+01	.073	-1.079
100.	2600.	.1018E+00	.1502E+01	.068	-1.073
105.	2600.	.1039E+00	.1644E+01	.063	-1.067
110.	2600.	.1058E+00	.1791E+01	.059	-1.063
115.	2600.	.1075E+00	.1943E+01	.055	-1.059
120.	2600.	.1091E+00	.2100E+01	.052	-1.055

1400 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2700.	.0118E+03		.5992E+02	.105	-1.118
2.	2700.	.1734E+02		.1347E+01	.129	-1.148
3.	2700.	.3047E+02		.2037E+01	.150	-1.176
4.	2700.	.4477E+02		.2658E+01	.168	-1.203
5.	2700.	.5976E+02		.3223E+01	.185	-1.228
10.	2700.	.1176E+03		.5948E+01	.231	-1.301
15.	2700.	.2131E+03		.9117E+01	.234	-1.305
20.	2700.	.2832E+03		.1287E+02	.220	-1.282
25.	2700.	.3475E+03		.1727E+02	.201	-1.252
30.	2700.	.4064E+03		.2238E+02	.182	-1.222
35.	2700.	.4602E+03		.2826E+02	.163	-1.195
40.	2700.	.5094E+03		.3496E+02	.146	-1.171
45.	2700.	.5545E+03		.4255E+02	.130	-1.150
50.	2700.	.5958E+03		.5110E+02	.117	-1.132
55.	2700.	.6338E+03		.6066E+02	.104	-1.117
60.	2700.	.6687E+03		.7123E+02	.094	-1.104
65.	2700.	.7009E+03		.8281E+02	.085	-1.092
70.	2700.	.7306E+03		.9538E+02	.077	-1.083
75.	2700.	.7580E+03		.1089E+03	.070	-1.075
80.	2700.	.7814E+03		.1234E+03	.063	-1.068
85.	2700.	.8068E+03		.1388E+03	.058	-1.062
90.	2700.	.8284E+03		.1550E+03	.053	-1.056
95.	2700.	.8485E+03		.1721E+03	.049	-1.052
100.	2700.	.8671E+03		.1899E+03	.046	-1.048
105.	2700.	.8843E+03		.2085E+03	.042	-1.044
110.	2700.	.9003E+03		.2278E+03	.040	-1.041
115.	2700.	.9151E+03		.2477E+03	.037	-1.038
120.	2700.	.9288E+03		.2682E+03	.035	-1.036

1600 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2800.	.6521E+03		.6630E+02	.083	-1.091
2.	2800.	.1485E+02		.1533E+01	.097	-1.107
3.	2800.	.2579E+02		.2346E+01	.110	-1.124
4.	2800.	.3761E+02		.3079E+01	.122	-1.139
5.	2800.	.4991E+02		.3743E+01	.133	-1.154
10.	2800.	.1130E+03		.6930E+01	.163	-1.195
15.	2800.	.1735E+03		.1064E+02	.163	-1.195
20.	2800.	.2293E+03		.1506E+02	.152	-1.180
25.	2800.	.2803E+03		.2029E+02	.138	-1.160
30.	2800.	.3268E+03		.2641E+02	.124	-1.141
35.	2800.	.3692E+03		.3352E+02	.110	-1.124
40.	2800.	.4079E+03		.4169E+02	.098	-1.108
45.	2800.	.4433E+03		.5103E+02	.087	-1.095
50.	2800.	.4757E+03		.6162E+02	.077	-1.084
55.	2800.	.5054E+03		.7356E+02	.069	-1.074
60.	2800.	.5328E+03		.8686E+02	.061	-1.065
65.	2800.	.5579E+03		.1015E+03	.055	-1.058
70.	2800.	.5811E+03		.1175E+03	.049	-1.052
75.	2800.	.6025E+03		.1346E+03	.045	-1.047
80.	2800.	.6223E+03		.1534E+03	.041	-1.042
85.	2800.	.6405E+03		.1732E+03	.037	-1.038
90.	2800.	.6574E+03		.1942E+03	.034	-1.035
95.	2800.	.6731E+03		.2163E+03	.031	-1.032
100.	2800.	.6875E+03		.2395E+03	.029	-1.030
105.	2800.	.7009E+03		.2637E+03	.027	-1.027
110.	2800.	.7134E+03		.2888E+03	.025	-1.025
115.	2800.	.7249E+03		.3147E+03	.023	-1.024
120.	2800.	.7356E+03		.3414E+03	.022	-1.022

1400 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978							
LENGTH	1600 F	OXY	BIAxIAL	ENGR	1978		
-4.60500E+00	4.78800E+00	0.	0.	0.	0.	2	
0.	2.59100E+03	0.	0.	0.	0.	3	
1.40023E+01	1.49471E-03	1.01872E-05	7.14384E-04	-1.39991E+01	-1.59740E-04	4	
7.16448E-03	1.97319E-04	-1.40010E+01	1.17382E+00	3.77596E-07	-1.23220E-04	5	
-2.20375E+00	3.44455E-01	-1.20319E-03	-2.45201E-05	0.	0.	6	
DIAMETER 1600 F OXY BIAxIAL ENGR 1978							7
-4.60500E+00	1.39000E+00	2.08000E+00	3.92000E+00	4.80000E+00	0.	8	
0.	1.41820E+03	2.59080E+03	0.	0.	0.	9	
-1.40395E+01	8.25908E-02	2.33339E-04	2.88166E-03	-1.39683E+01	2.74114E-02	10	
1.77106E-02	1.80409E-03	-1.39641E+01	-4.82303E-02	1.88818E-02	1.74371E-03	11	
-1.38894E+01	4.51260E-01	2.14818E-02	2.20330E-04	-1.36306E+01	-3.70470E-01	12	
2.23921E-02	3.64525E-03	-1.39779E+01	2.48157E+00	-6.55471E-05	7.43918E-04	13	
-5.15815E+00	6.82852E-01	7.79285E-04	-1.85255E-05	-4.88684E+00	7.48663E-01	14	
7.93724E-04	6.82840E-05	-2.90307E+00	1.06170E+00	1.30101E-03	5.43168E-04	15	
-1.91067E+00	1.27711E+00	1.72433E-03	2.00147E-04	-1.38928E+01	2.60082E+00	16	
4.45091E-04	-5.99676E-04	-3.78243E+00	8.65972E-01	1.43814E-03	1.90900E-04		
-3.19750E+00	8.94856E-01	1.52465E-03	7.65819E-05	-8.65133E-01	1.71301E+00		
1.91411E-03	5.67288E-04	7.41745E-01	1.80417E+00	2.46998E-03	4.84871E-04		

507	152.0						
507	147.0	1472.4	0.1	0.43009	0.6464E-02	1.41170	0.4751E-02 21.1
507	147.5	1542.0	0.1	0.43013	0.6569E-02	1.41201	0.4470E-02 21.3
507	148.0	1577.2	0.1	0.43608	0.6434E-02	1.41262	0.5404E-02 22.2
507	148.5	1582.6	0.1	0.43607	0.6419E-02	1.41261	0.5530E-02 22.1
507	149.0	1583.4	0.1	0.43006	0.6389E-02	1.41302	0.5690E-02 21.8
507	149.5	1588.8	0.1	0.43618	0.6074E-02	1.41338	0.5943E-02 22.0
507	150.0	1593.6	0.1	0.43622	0.6763E-02	1.41369	0.6168E-02 22.3
507	150.5	1597.4	0.1	0.43621	0.6733E-02	1.41399	0.6382E-02 22.2
507	151.0	1599.0	0.1	0.43624	0.6808E-02	1.41416	0.6497E-02 22.3
507	151.5	1601.0	0.1	0.43630	0.6943E-02	1.41434	0.6629E-02 22.4
507	152.0	1601.2	0.1	0.43765	0.1007E-01	1.41436	0.6646E-02 379.9
507	152.5	1602.4	0.1	0.43882	0.1276E-01	1.41455	0.6777E-02 381.4
507	153.0	1602.0	0.1	0.43985	0.1514E-01	1.41466	0.6871E-02 381.3
507	153.5	1603.0	0.1	0.44089	0.1754E-01	1.41486	0.6997E-02 381.5
507	154.0	1604.8	0.1	0.44192	0.1992E-01	1.41497	0.7080E-02 381.1
507	154.5	1603.6	0.1	0.44305	0.2252E-01	1.41501	0.7107E-02 381.3
507	155.0	1605.4	0.1	0.44418	0.2514E-01	1.41521	0.7244E-02 381.1
507	155.5	1604.8	0.1	0.44535	0.2785E-01	1.41534	0.7343E-02 380.6
507	156.0	1604.6	0.1	0.44651	0.3051E-01	1.41553	0.7475E-02 379.9
507	156.5	1603.4	0.1	0.44772	0.3331E-01	1.41573	0.7618E-02 379.6
507	157.0	1603.2	0.1	0.44619	0.3440E-01	1.41572	0.7607E-02 379.5
507	157.5	1602.4	0.1	0.45005	0.3869E-01	1.41594	0.7766E-02 379.5
507	158.0	1602.0	0.1	0.45133	0.4164E-01	1.41612	0.7898E-02 379.5
507	158.5	1601.6	0.1	0.45186	0.4287E-01	1.41619	0.7947E-02 379.3
507	159.0	1599.6	0.1	0.45381	0.4737E-01	1.41634	0.8052E-02 379.3
507	159.5	1599.2	0.1	0.45424	0.4836E-01	1.41651	0.8172E-02 379.2
507	160.0	1599.4	0.1	0.45631	0.5313E-01	1.41663	0.8260E-02 379.2
507	160.5	1598.4	0.1	0.45760	0.5611E-01	1.41679	0.8370E-02 378.9
507	161.0	1597.2	0.1	0.45894	0.5919E-01	1.41705	0.8557E-02 378.7
507	161.5	1595.6	0.1	0.46032	0.6238E-01	1.41714	0.8617E-02 378.5
507	162.0	1596.2	0.1	0.46174	0.6566E-01	1.41724	0.8694E-02 378.4
507	162.5	1598.4	0.1	0.46323	0.6910E-01	1.41751	0.8881E-02 378.2
507	163.0	1598.8	0.1	0.46478	0.7264E-01	1.41768	0.9007E-02 378.2
507	163.5	1598.0	0.1	0.46632	0.7624E-01	1.41789	0.9156E-02 378.3
507	164.0	1599.4	0.1	0.46800	0.8011E-01	1.41822	0.9386E-02 378.1
507	164.5	1599.8	0.1	0.46961	0.8384E-01	1.41821	0.9381E-02 378.0
507	165.0	1598.4	0.1	0.47141	0.8798E-01	1.41842	0.9535E-02 378.0
507	165.5	1598.2	0.1	0.47317	0.9204E-01	1.41845	0.9556E-02 377.8
507	166.0	1599.2	0.1	0.47506	0.9641E-01	1.41841	0.9523E-02 377.8
507	166.5	1600.0	0.1	0.47703	0.1010E+00	1.41868	0.9293E-02 377.9
507	167.0	1598.6	0.1	0.47907	0.1057E+00	1.41619	0.7947E-02 377.9
507	167.5	1572.8	0.1	0.47847	0.1043E+00-9.99900	-9.99900	-9.9999E+04 354.6
507	168.0	1479.4	0.1	0.47796	0.1031E+00-9.99900	-9.99900	-9.9999E+04 339.8
507	168.5	1429.2	0.1	0.47796	0.1031E+00-9.99900	-9.99900	-9.9999E+04 342.2
507	169.0	1406.6	0.1	0.47796	0.1031E+00-9.99900	-9.99900	-9.9999E+04 342.3
507	169.5	1395.0	0.1	0.47790	0.1030E+00-9.99900	-9.99900	-9.9999E+04 343.2
507	170.0	1380.4	0.1	0.47791	0.1030E+00-9.99900	-9.99900	-9.9999E+04 343.9
507	170.5	1412.6	0.1	0.47808	0.1034E+00-9.99900	-9.99900	-9.9999E+04 14.7
507	171.0	1484.8	0.1	0.47820	0.1036E+00-9.99900	-9.99900	-9.9999E+04 14.3
507	171.5	1530.6	0.1	0.47826	0.1038E+00-9.99900	-9.99900	-9.9999E+04 14.4
507	172.0	1559.0	0.1	0.47824	0.1037E+00-9.99900	-9.99900	-9.9999E+04 14.6
507	172.5	1576.4	0.1	0.47866	0.1047E+00-9.99900	-9.99900	-9.9999E+04 14.8

508	205.5						
508	200.5	1601.4	0.0	0.43578	0.6213E-02-9.99900	-.9999E+04	22.2
508	201.0	1605.2	0.0	0.43588	0.6452E-02-9.99900	-.9999E+04	22.2
508	201.5	1606.6	0.0	0.43590	0.6497E-02-9.99900	-.9999E+04	22.4
508	202.0	1607.0	0.0	0.43585	0.6377E-02-9.99900	-.9999E+04	22.2
508	202.5	1608.2	0.0	0.43594	0.6587E-02-9.99900	-.9999E+04	22.3
508	203.0	1608.2	0.0	0.43516	0.4790E-02-9.99900	-.9999E+04	22.4
508	203.5	1606.2	0.0	0.43597	0.6647E-02-9.99900	-.9999E+04	22.3
508	204.0	1608.0	0.0	0.43594	0.6587E-02-9.99900	-.9999E+04	22.4
508	204.5	1607.2	0.0	0.43600	0.6737E-02-9.99900	-.9999E+04	22.5
508	205.0	1607.6	0.0	0.43600	0.6722E-02-9.99900	-.9999E+04	22.4
508	205.5	1608.8	0.0	0.43645	0.7770E-02-9.99900	-.9999E+04	255.9
508	206.0	1608.6	0.0	0.43695	0.6922E-02-9.99900	-.9999E+04	281.9
508	206.5	1607.0	0.0	0.43744	0.1006E-01-9.99900	-.9999E+04	283.0
508	207.0	1605.0	0.0	0.43784	0.1097E-01-9.99900	-.9999E+04	283.3
508	207.5	1603.0	0.0	0.43816	0.1172E-01-9.99900	-.9999E+04	283.7
508	208.0	1602.6	0.0	0.43849	0.1248E-01-9.99900	-.9999E+04	283.6
508	208.5	1601.6	0.0	0.43884	0.1328E-01-9.99900	-.9999E+04	283.8
508	209.0	1601.6	0.0	0.43913	0.1395E-01-9.99900	-.9999E+04	283.7
508	209.5	1600.0	0.0	0.43943	0.1466E-01-9.99900	-.9999E+04	283.6
508	210.0	1600.2	0.0	0.43972	0.1531E-01-9.99900	-.9999E+04	283.6
508	210.5	1599.0	0.0	0.43998	0.1593E-01-9.99900	-.9999E+04	283.6
508	211.0	1599.4	0.0	0.44032	0.1671E-01-9.99900	-.9999E+04	283.6
508	211.5	1599.6	0.0	0.44056	0.1725E-01-9.99900	-.9999E+04	283.3
508	212.0	1599.2	0.0	0.44084	0.1790E-01-9.99900	-.9999E+04	283.2
508	212.5	1599.6	0.0	0.44107	0.1844E-01-9.99900	-.9999E+04	283.0
508	213.0	1598.8	0.0	0.44132	0.1901E-01-9.99900	-.9999E+04	282.9
508	213.5	1596.8	0.0	0.44161	0.1967E-01-9.99900	-.9999E+04	283.0
508	214.0	1598.8	0.0	0.44183	0.2018E-01-9.99900	-.9999E+04	283.0
508	214.5	1597.4	0.0	0.44214	0.2091E-01-9.99900	-.9999E+04	283.0
508	215.0	1598.0	0.0	0.44236	0.2142E-01-9.99900	-.9999E+04	283.0
508	215.5	1597.4	0.0	0.44266	0.2210E-01-9.99900	-.9999E+04	282.8
508	216.0	1596.4	0.0	0.44287	0.2259E-01-9.99900	-.9999E+04	282.9
508	216.5	1596.4	0.0	0.44316	0.2325E-01-9.99900	-.9999E+04	282.9
508	217.0	1597.4	0.0	0.44339	0.2379E-01-9.99900	-.9999E+04	282.7
508	217.5	1597.0	0.0	0.44371	0.2454E-01-9.99900	-.9999E+04	282.8
508	218.0	1596.2	0.0	0.44395	0.2507E-01-9.99900	-.9999E+04	282.8
508	218.5	1595.8	0.0	0.44422	0.2570E-01-9.99900	-.9999E+04	282.6
508	219.0	1596.8	0.0	0.44450	0.2636E-01-9.99900	-.9999E+04	282.7
508	219.5	1596.4	0.0	0.44474	0.2692E-01-9.99900	-.9999E+04	282.6
508	220.0	1597.8	0.0	0.44505	0.2763E-01-9.99900	-.9999E+04	282.3
508	220.5	1596.6	0.0	0.44534	0.2829E-01-9.99900	-.9999E+04	282.7
508	221.0	1596.2	0.0	0.44559	0.2888E-01-9.99900	-.9999E+04	282.8
508	221.5	1598.2	0.0	0.44590	0.2960E-01-9.99900	-.9999E+04	282.7
508	222.0	1598.6	0.0	0.44622	0.3033E-01-9.99900	-.9999E+04	282.7
508	222.5	1598.0	0.0	0.44651	0.3100E-01-9.99900	-.9999E+04	282.7
508	223.0	1599.2	0.0	0.44677	0.3159E-01 1.40998	0.7727E-02	282.2
508	223.5	1598.2	0.0	0.44712	0.3240E-01 1.41001	0.7749E-02	282.7
508	224.0	1599.2	0.0	0.44740	0.3304E-01 1.41017	0.7854E-02	282.2
508	224.5	1599.0	0.0	0.44777	0.3391E-01 1.41029	0.7947E-02	282.3
508	225.0	1594.2	0.0	0.44802	0.3446E-01 1.41028	0.7936E-02	282.6
508	225.5	1599.0	0.0	0.44835	0.3524E-01 1.41042	0.8041E-02	282.4
508	226.0	1599.8	0.0	0.44863	0.3590E-01 1.41045	0.8063E-02	282.3
508	226.5	1594.6	0.0	0.44898	0.3669E-01 1.41052	0.8113E-02	282.5
508	227.0	1599.2	0.0	0.44928	0.3740E-01 1.41050	0.8096E-02	282.4
508	227.5	1598.8	0.0	0.44965	0.3823E-01 1.41061	0.8179E-02	282.2
508	228.0	1598.4	0.0	0.44994	0.3891E-01 1.41069	0.8234E-02	282.3
508	228.5	1598.8	0.0	0.45024	0.3951E-01 1.41078	0.8295E-02	282.3
508	229.0	1599.8	0.0	0.45056	0.4034E-01 1.41090	0.8383E-02	282.6
508	229.5	1599.2	0.0	0.45091	0.4115E-01 1.41098	0.8438E-02	282.5

508	230.0	1598.6	0.0	0.45125	0.4193E-01	1.41102	0.8471E-02	282.4
508	230.5	1599.8	0.0	0.45153	0.4257E-01	1.41103	0.8477E-02	282.3
508	231.0	1600.8	0.0	0.45198	0.4362E-01	1.41121	0.8604E-02	282.1
508	231.5	1600.6	0.0	0.45226	0.4428E-01	1.41128	0.8653E-02	282.2
508	232.0	1600.2	0.0	0.45264	0.4525E-01	1.41139	0.8731E-02	282.1
508	232.5	1600.0	0.0	0.45302	0.4602E-01	1.41142	0.8758E-02	282.4
508	233.0	1601.2	0.0	0.45339	0.4684E-01	1.41156	0.8857E-02	282.4
508	233.5	1600.8	0.0	0.45367	0.4753E-01	1.41159	0.8879E-02	282.1
508	234.0	1599.4	0.0	0.45408	0.4847E-01	1.41154	0.8841E-02	282.2
508	234.5	1599.2	0.0	0.45454	0.4954E-01	1.41176	0.8995E-02	282.3
508	235.0	1600.4	0.0	0.45484	0.5024E-01	1.41173	0.8979E-02	282.3
508	235.5	1600.0	0.0	0.45523	0.5114E-01	1.41186	0.9067E-02	282.3
508	236.0	1599.0	0.0	0.45563	0.5205E-01	1.41196	0.9139E-02	282.3
508	236.5	1599.8	0.0	0.45603	0.5298E-01	1.41207	0.9221E-02	282.1
508	237.0	1600.0	0.0	0.45639	0.5380E-01	1.41219	0.9304E-02	282.1
508	237.5	1599.2	0.0	0.45676	0.5467E-01	1.41224	0.9337E-02	282.5
508	238.0	1599.0	0.0	0.45717	0.5561E-01	1.41232	0.9378E-02	282.2
508	238.5	1599.2	0.0	0.45760	0.5660E-01	1.41231	0.9392E-02	282.3
508	239.0	1601.0	0.0	0.45802	0.5757E-01	1.35390	0.9335E-01	282.1
508	239.5	1600.2	0.0	0.45837	0.5837E-01	1.41253	0.9547E-02	282.1
508	240.0	1601.0	0.0	0.45875	0.5927E-01	1.41255	0.9563E-02	282.3
508	240.5	1600.4	0.0	0.45914	0.6015E-01	1.41259	0.9591E-02	282.1
508	241.0	1598.8	0.0	0.45954	0.6108E-01	1.41270	0.9668E-02	282.3
508	241.5	1599.0	0.0	0.45994	0.6201E-01	1.41281	0.9751E-02	282.3
508	242.0	1600.2	0.0	0.46038	0.6302E-01	1.41289	0.9806E-02	281.9
508	242.5	1600.0	0.0	0.46074	0.6386E-01	1.41308	0.9944E-02	282.2
508	243.0	1600.0	0.0	0.46124	0.6500E-01	1.41311	0.9960E-02	282.1
508	243.5	1600.0	0.0	0.46157	0.6578E-01	1.41322	0.1004E-01	282.0
508	244.0	1600.2	0.0	0.46198	0.6672E-01	1.41321	0.1003E-01	282.1
508	244.5	1599.8	0.0	0.46237	0.6762E-01	1.41343	0.1019E-01	282.1
508	245.0	1600.8	0.0	0.46287	0.6877E-01	1.41349	0.1023E-01	282.1
508	245.5	1600.2	0.0	0.46332	0.6982E-01	1.41357	0.1029E-01	282.1
508	246.0	1601.0	0.0	0.46371	0.7070E-01	1.41359	0.1030E-01	282.1
508	246.5	1600.6	0.0	0.46419	0.7181E-01	1.41372	0.1040E-01	282.1
508	247.0	1602.0	0.0	0.46462	0.7282E-01	1.41382	0.1047E-01	282.1
508	247.5	1601.4	0.0	0.46502	0.7374E-01	1.41384	0.1048E-01	281.8
508	248.0	1600.2	0.0	0.46547	0.7478E-01	1.41393	0.1055E-01	282.2
508	248.5	1599.4	0.0	0.46592	0.7581E-01	1.41406	0.1064E-01	281.9
508	249.0	1600.4	0.0	0.46640	0.7693E-01	1.41404	0.1063E-01	282.0
508	249.5	1600.6	0.0	0.46683	0.7790E-01	1.41417	0.1072E-01	282.0
508	250.0	1601.4	0.0	0.46736	0.7915E-01	1.41430	0.1081E-01	281.5
508	250.5	1602.0	0.0	0.46777	0.8007E-01	1.41435	0.1085E-01	282.1
508	251.0	1601.8	0.0	0.46815	0.8096E-01	1.41437	0.1086E-01	282.0
508	251.5	1601.8	0.0	0.46875	0.8234E-01	1.41453	0.1098E-01	282.0
508	252.0	1601.2	0.0	0.46917	0.8332E-01	1.41454	0.1099E-01	281.1
508	252.5	1601.2	0.0	0.46965	0.8443E-01	1.41460	0.1102E-01	281.6
508	253.0	1600.2	0.0	0.47015	0.8558E-01	1.41469	0.1109E-01	282.0
508	253.5	1598.4	0.0	0.47053	0.8645E-01	1.41472	0.1111E-01	282.0
508	254.0	1598.2	0.0	0.47107	0.8764E-01	1.41478	0.1116E-01	281.9
508	254.5	1597.6	0.0	0.47146	0.8861E-01	1.41488	0.1123E-01	282.1
508	255.0	1597.4	0.0	0.47197	0.8979E-01	1.41510	0.1132E-01	282.0
508	255.5	1599.0	0.0	0.47247	0.9094E-01	1.41514	0.1141E-01	282.1
508	256.0	1598.8	0.0	0.47299	0.9213E-01	1.41518	0.1144E-01	282.0
508	256.5	1599.2	0.0	0.47342	0.9313E-01	1.41522	0.1147E-01	282.0
508	257.0	1599.8	0.0	0.47394	0.9434E-01	1.41545	0.1164E-01	281.8
508	257.5	1600.6	0.0	0.47449	0.9560E-01	1.41545	0.1164E-01	282.0
508	258.0	1600.0	0.0	0.47493	0.9662E-01	1.41552	0.1164E-01	281.8
508	258.5	1600.2	0.0	0.47544	0.9780E-01	1.41558	0.1173E-01	281.8
508	259.0	1600.6	0.0	0.47599	0.9906E-01	1.41555	0.1171E-01	281.9
508	259.5	1599.6	0.0	0.47656	0.1004E+00	1.41574	0.1184E-01	281.9

508	260.0	1600.8	0.0	0.47705	0.1015E+00	1.41585	0.1192E-01	281.9
508	260.5	1601.6	0.0	0.47756	0.1027E+00	1.41594	0.1202E-01	282.0
508	261.0	1601.4	0.0	0.47811	0.1040E+00	1.41586	0.1193E-01	281.8
508	261.5	1600.6	0.0	0.47863	0.1052E+00	1.41605	0.1206E-01	281.9
508	262.0	1600.4	0.0	0.47913	0.1063E+00	1.41621	0.1218E-01	281.7
508	262.5	1601.0	0.0	0.47970	0.1076E+00	1.41620	0.1217E-01	281.6
508	263.0	1600.4	0.0	0.48030	0.1090E+00	1.41626	0.1221E-01	281.8
508	263.5	1600.2	0.0	0.48077	0.1101E+00	1.41626	0.1221E-01	281.6
508	264.0	1600.4	0.0	0.48134	0.1114E+00	1.41643	0.1233E-01	281.4
508	264.5	1601.4	0.0	0.48193	0.1128E+00	1.41654	0.1241E-01	281.9
508	265.0	1601.0	0.0	0.48249	0.1141E+00	1.41654	0.1245E-01	281.9
508	265.5	1601.0	0.0	0.48311	0.1155E+00	1.41672	0.1254E-01	282.1
508	266.0	1600.8	0.0	0.48365	0.1168E+00	1.41671	0.1254E-01	281.4
508	266.5	1599.8	0.0	0.48430	0.1182E+00	1.41686	0.1264E-01	281.9
508	267.0	1600.2	0.0	0.48482	0.1195E+00	1.41680	0.1260E-01	281.7
508	267.5	1599.2	0.0	0.48543	0.1209E+00	1.41694	0.1270E-01	282.0
508	268.0	1599.2	0.0	0.48600	0.1222E+00	1.41695	0.1271E-01	281.6
508	268.5	1599.0	0.0	0.48665	0.1237E+00	1.41709	0.1281E-01	281.7
508	269.0	1598.4	0.0	0.48722	0.1250E+00	1.45637	0.4088E-01	281.9
508	269.5	1598.6	0.0	0.48781	0.1264E+00	1.45594	0.4058E-01	281.9
508	270.0	1600.4	0.1	0.48847	0.1279E+00	1.41733	0.1298E-01	281.8
508	270.5	1600.6	0.0	0.48909	0.1293E+00	1.40499	0.4158E-02	281.8
508	271.0	1600.6	0.0	0.48973	0.1308E+00	1.41751	0.1311E-01	281.9
508	271.5	1601.2	0.0	0.49042	0.1324E+00	1.41760	0.1317E-01	281.8
508	272.0	1601.6	0.1	0.49107	0.1339E+00	1.41776	0.1329E-01	281.8
508	272.5	1603.0	0.1	0.49172	0.1354E+00	1.41782	0.1333E-01	281.7
508	273.0	1601.8	0.0	0.49237	0.1369E+00	1.41796	0.1343E-01	281.7
508	273.5	1600.8	0.0	0.49310	0.1386E+00	1.41812	0.1355E-01	281.5
508	274.0	1602.2	0.0	0.49372	0.1400E+00	1.41811	0.1353E-01	281.4
508	274.5	1599.6	0.0	0.49446	0.1417E+00	1.41815	0.1356E-01	281.8
508	275.0	1600.4	0.0	0.49511	0.1432E+00	1.41829	0.1367E-01	281.8
508	275.5	1600.2	0.1	0.49581	0.1448E+00	1.41831	0.1368E-01	281.8
508	276.0	1599.0	0.1	0.49648	0.1464E+00	1.41848	0.1380E-01	281.7
508	276.5	1599.2	0.1	0.49726	0.1482E+00	1.41855	0.1385E-01	281.7
508	277.0	1598.8	0.1	0.49795	0.1498E+00	1.41865	0.1392E-01	281.7
508	277.5	1599.6	0.0	0.49871	0.1515E+00	1.41883	0.1405E-01	281.6
508	278.0	1600.6	0.0	0.49955	0.1535E+00	1.41897	0.1415E-01	281.8
508	278.5	1599.8	0.1	0.50029	0.1552E+00	1.41910	0.1424E-01	281.4
508	279.0	1600.4	0.1	0.50108	0.1570E+00	1.41931	0.1439E-01	281.4
508	279.5	1600.6	0.1	0.50183	0.1587E+00	1.41945	0.1444E-01	281.7
508	280.0	1599.2	0.1	0.50269	0.1607E+00	1.41981	0.1475E-01	281.9
508	280.5	1598.8	0.1	0.50346	0.1625E+00	1.41946	0.1486E-01	281.8
508	281.0	1598.0	0.1	0.50414	0.1641E+00	1.41996	0.1486E-01	281.6
508	281.5	1599.0	0.1	0.50481	0.1656E+00	1.42033	0.1512E-01	281.1
508	282.0	1352.0	0.1	0.50050	0.1557E+00	1.42576	0.1901E-01	248.5
508	282.5	1258.0	0.1	0.50036	0.1553E+00	1.42317	0.1715E-01	251.0
508	283.0	1235.2	0.1	0.50042	0.1555E+00	1.42681	0.1976E-01	251.2
508	283.5	1229.0	0.1	0.50040	0.1554E+00-9.99900	-9.99900	-9.9999E+04	252.1
508	284.0	1216.4	0.1	0.50041	0.1554E+00-9.99900	-9.99900	-9.9999E+04	252.6
508	284.5	1212.8	0.1	0.50024	0.1551E+00	1.42822	0.2076E-01	149.2
508	285.0	1374.0	0.1	0.50050	0.1557E+00	1.42558	0.1887E-01	14.5
508	285.5	1484.4	0.1	0.50069	0.1561E+00	1.42193	0.1627E-01	14.4

509	215.0							
509	210.0	1579.6	0.0	0.43602	0.6284E-02	1.39603	0.5967E-02	22.4
509	210.5	1583.2	0.0	0.43617	0.6629E-02	1.39629	0.6156E-02	22.6
509	211.0	1587.6	0.0	0.43614	0.6559E-02	1.39641	0.6239E-02	22.4
509	211.5	1589.2	0.0	0.43615	0.6584E-02	1.39653	0.6328E-02	22.7
509	212.0	1591.4	0.0	0.43614	0.6569E-02	1.39669	0.6439E-02	22.3
509	212.5	1591.0	0.0	0.43618	0.6659E-02	1.39676	0.6489E-02	22.4
509	213.0	1591.2	0.0	0.43619	0.6673E-02	1.39692	0.6606E-02	22.7
509	213.5	1591.0	0.0	0.43624	0.6793E-02	1.39703	0.6684E-02	22.8
509	214.0	1592.6	0.0	0.43625	0.6823E-02	1.39710	0.6734E-02	22.7
509	214.5	1592.6	0.0	0.43636	0.7077E-02	1.39736	0.6923E-02	22.7
509	215.0	1592.0	0.0	0.43641	0.7197E-02	1.39743	0.6979E-02	140.4
509	215.5	1596.6	0.0	0.43720	0.9008E-02	1.39761	0.7107E-02	253.1
509	216.0	1597.8	0.0	0.43769	0.1014E-01	1.39784	0.7266E-02	253.4
509	216.5	1601.0	0.0	0.43810	0.1109E-01	1.39770	0.7168E-02	253.6
509	217.0	1600.6	0.0	0.43853	0.1209E-01	1.39780	0.7245E-02	254.2
509	217.5	1600.4	0.0	0.43882	0.1276E-01	1.39794	0.7379E-02	254.2
509	218.0	1600.6	0.0	0.43921	0.1366E-01	1.39807	0.7435E-02	254.4
509	218.5	1598.8	0.0	0.43953	0.1439E-01	1.39825	0.7568E-02	254.3
509	219.0	1599.4	0.0	0.43980	0.1501E-01	1.39823	0.7551E-02	254.5
509	219.5	1597.8	0.0	0.44008	0.1567E-01	1.39838	0.7657E-02	254.6
509	220.0	1597.6	0.0	0.44050	0.1664E-01	1.39851	0.7751E-02	254.3
509	220.5	1596.0	0.0	0.44074	0.1719E-01	1.39853	0.7768E-02	254.5
509	221.0	1595.2	0.0	0.44104	0.1787E-01	1.39858	0.7807E-02	254.5
509	221.5	1594.6	0.0	0.44133	0.1854E-01	1.39864	0.7846E-02	254.5
509	222.0	1593.2	0.0	0.44166	0.1932E-01	1.39886	0.8007E-02	254.3
509	222.5	1594.4	0.0	0.44188	0.1981E-01	1.39882	0.7979E-02	254.2
509	223.0	1594.2	0.0	0.44212	0.2038E-01	1.39897	0.8085E-02	254.2
509	223.5	1595.0	0.0	0.44237	0.2095E-01	1.39891	0.8041E-02	254.1
509	224.0	1594.8	0.0	0.44259	0.2146E-01	1.39897	0.8085E-02	254.2
509	224.5	1595.4	0.0	0.44292	0.2220E-01	1.39898	0.8091E-02	253.7
509	225.0	1594.8	0.0	0.44332	0.2313E-01	1.39916	0.8219E-02	254.1
509	225.5	1595.4	0.0	0.44348	0.2351E-01	1.39929	0.8313E-02	254.1
509	226.0	1595.4	0.0	0.44376	0.2415E-01	1.39930	0.8324E-02	254.0
509	226.5	1596.2	0.0	0.44411	0.2496E-01	1.39943	0.8419E-02	254.1
509	227.0	1596.2	0.0	0.44440	0.2563E-01	1.39955	0.8502E-02	253.9
509	227.5	1596.8	0.0	0.44474	0.2641E-01	1.39954	0.8497E-02	253.8
509	228.0	1596.2	0.0	0.44505	0.2714E-01	1.39973	0.8636E-02	253.9
509	228.5	1597.8	0.0	0.44530	0.2771E-01	1.39973	0.8630E-02	253.8
509	229.0	1598.6	0.0	0.44564	0.2849E-01	1.39997	0.8803E-02	253.9
509	229.5	1599.4	0.0	0.44598	0.2928E-01	1.40005	0.8864E-02	254.0
509	230.0	1598.8	0.0	0.44624	0.2999E-01	1.40009	0.8891E-02	253.6
509	230.5	1598.6	0.0	0.44663	0.3078E-01	1.40020	0.8975E-02	253.7
509	231.0	1599.2	0.0	0.44689	0.3138E-01	1.40023	0.8942E-02	253.6
509	231.5	1598.4	0.0	0.44730	0.3233E-01	1.40036	0.9085E-02	253.9
509	232.0	1598.8	0.0	0.44751	0.3281E-01	1.40045	0.9153E-02	253.7
509	232.5	1599.4	0.0	0.44802	0.3398E-01	1.40054	0.9220E-02	253.6
509	233.0	1600.2	0.0	0.44830	0.3462E-01	1.40064	0.9292E-02	253.7
509	233.5	1599.4	0.0	0.44863	0.3540E-01	1.40082	0.9420E-02	253.7
509	234.0	1598.6	0.0	0.44894	0.3612E-01	1.40092	0.9492E-02	253.5
509	234.5	1599.2	0.0	0.44919	0.3669E-01	1.40098	0.9536E-02	253.6
509	235.0	1599.4	0.0	0.44959	0.3760E-01	1.40106	0.9592E-02	253.7
509	235.5	1599.8	0.0	0.44969	0.3784E-01	1.40090	0.9475E-02	253.7
509	236.0	1599.8	0.0	0.45025	0.3913E-01	1.40116	0.9664E-02	253.3
509	236.5	1598.8	0.0	0.45059	0.3992E-01	1.40125	0.9726E-02	253.6
509	237.0	1600.0	0.0	0.45102	0.4091E-01	1.40135	0.9803E-02	253.5
509	237.5	1600.8	0.0	0.45121	0.4134E-01	1.40147	0.9887E-02	253.4
509	238.0	1600.4	0.0	0.45168	0.4243E-01	1.40173	0.1008E-01	253.8
509	238.5	1600.4	0.0	0.45199	0.4315E-01	1.40179	0.1012E-01	253.5
509	239.0	1600.6	0.0	0.45242	0.4414E-01	1.40191	0.1020E-01	253.6

509	239.5	1599.4	0.0	0.45264	0.4465E-01	1.40183	0.1015E-01	253.8
509	240.0	1600.0	0.0	0.45303	0.4555E-01	1.40199	0.1026E-01	253.5
509	240.5	1600.0	0.0	0.45346	0.4655E-01	1.40209	0.1033E-01	253.3
509	241.0	1600.6	0.0	0.45372	0.4715E-01	1.40226	0.1045E-01	253.5
509	241.5	1600.2	0.0	0.45420	0.4824E-01	1.40230	0.1049E-01	253.6
509	242.0	1599.0	0.0	0.45444	0.4881E-01	1.40236	0.1053E-01	253.6
509	242.5	1599.2	0.0	0.45484	0.4974E-01	1.40250	0.1063E-01	253.6
509	243.0	1600.0	0.0	0.45521	0.5059E-01	1.40267	0.1075E-01	253.2
509	243.5	1600.2	0.0	0.45553	0.5131E-01	1.40254	0.1065E-01	253.6
509	244.0	1601.0	0.0	0.45600	0.5240E-01	1.40277	0.1082E-01	253.3
509	244.5	1599.8	0.0	0.45641	0.5334E-01	1.40278	0.1083E-01	253.3
509	245.0	1599.2	0.0	0.45671	0.5405E-01	1.40291	0.1092E-01	253.3
509	245.5	1600.0	0.0	0.45703	0.5478E-01	1.40291	0.1092E-01	253.3
509	246.0	1599.2	0.0	0.45748	0.5581E-01	1.40304	0.1102E-01	253.6
509	246.5	1598.8	0.0	0.45786	0.5669E-01	1.40309	0.1105E-01	253.3
509	247.0	1599.8	0.0	0.45810	0.5725E-01	1.40325	0.1117E-01	253.4
509	247.5	1599.4	0.0	0.45846	0.5807E-01	1.40320	0.1113E-01	253.4
509	248.0	1599.2	0.0	0.45897	0.5925E-01	1.40355	0.1139E-01	253.4
509	248.5	1599.2	0.0	0.45942	0.6029E-01	1.40358	0.1140E-01	253.1
509	249.0	1599.2	0.0	0.45970	0.6094E-01	1.40363	0.1144E-01	253.4
509	249.5	1600.0	0.0	0.46015	0.6198E-01	1.40372	0.1150E-01	253.4
509	250.0	1600.8	0.0	0.46055	0.6290E-01	1.40375	0.1153E-01	253.1
509	250.5	1600.8	0.0	0.46098	0.6389E-01	1.40392	0.1166E-01	253.4
509	251.0	1600.2	0.0	0.46132	0.6468E-01	1.40396	0.1168E-01	253.2
509	251.5	1599.6	0.0	0.46163	0.6540E-01	1.40411	0.1179E-01	253.4
509	252.0	1598.8	0.0	0.46213	0.6654E-01	1.40419	0.1184E-01	253.4
509	252.5	1598.8	0.0	0.46256	0.6754E-01	1.40428	0.1191E-01	253.3
509	253.0	1600.6	0.0	0.46297	0.6849E-01	1.40423	0.1188E-01	253.2
509	253.5	1598.6	0.0	0.46337	0.6941E-01	1.40448	0.1205E-01	253.3
509	254.0	1598.8	0.0	0.46373	0.7024E-01	1.40447	0.1205E-01	253.3
509	254.5	1599.6	0.0	0.46414	0.7118E-01	1.40455	0.1211E-01	253.1
509	255.0	1600.6	0.0	0.46457	0.7218E-01	1.40470	0.1222E-01	253.4
509	255.5	1600.0	0.0	0.46495	0.7306E-01	1.40469	0.1221E-01	253.4
509	256.0	1600.0	0.0	0.46539	0.7407E-01	1.40480	0.1229E-01	253.3
509	256.5	1599.2	0.0	0.46583	0.7508E-01	1.40490	0.1236E-01	253.2
509	257.0	1601.4	0.0	0.46635	0.7630E-01	1.40499	0.1242E-01	253.2
509	257.5	1600.8	0.0	0.46659	0.7685E-01	1.40507	0.1248E-01	253.1
509	258.0	1599.4	0.0	0.46716	0.7815E-01	1.40521	0.1258E-01	253.3
509	258.5	1601.2	0.0	0.46757	0.7911E-01	1.40531	0.1266E-01	253.2
509	259.0	1600.4	0.0	0.46797	0.8002E-01	1.40531	0.1265E-01	253.4
509	259.5	1600.0	0.0	0.46852	0.8131E-01	1.40557	0.1284E-01	253.3
509	260.0	1600.2	0.0	0.46882	0.8198E-01	1.40551	0.1279E-01	253.2
509	260.5	1600.6	0.0	0.46938	0.8328E-01	1.40572	0.1295E-01	253.1
509	261.0	1600.0	0.0	0.46972	0.8408E-01	1.40575	0.1297E-01	253.3
509	261.5	1600.2	0.0	0.47020	0.8517E-01	1.40592	0.1309E-01	253.2
509	262.0	1600.0	0.0	0.47065	0.8622E-01	1.40591	0.1308E-01	253.3
509	262.5	1601.0	0.0	0.47109	0.8723E-01	1.40596	0.1312E-01	253.1
509	263.0	1601.0	0.0	0.47151	0.8821E-01	1.40603	0.1317E-01	253.3
509	263.5	1601.0	0.0	0.47209	0.8954E-01	1.40616	0.1327E-01	253.2
509	264.0	1602.2	0.0	0.47257	0.9065E-01	1.40633	0.1339E-01	253.1
509	264.5	1599.6	0.0	0.47292	0.9145E-01	1.40646	0.1346E-01	253.3
509	265.0	1601.0	0.0	0.47345	0.9268E-01	1.40646	0.1350E-01	253.3
509	265.5	1602.2	0.0	0.47392	0.9376E-01	1.40650	0.1351E-01	252.8
509	266.0	1601.6	0.0	0.47442	0.9491E-01	1.40661	0.1354E-01	253.1
509	266.5	1601.6	0.0	0.47494	0.9611E-01	1.40679	0.1372E-01	253.0
509	267.0	1600.4	0.0	0.47536	0.9708E-01	1.40676	0.1371E-01	253.2
509	267.5	1601.0	0.0	0.47577	0.9804E-01	1.40685	0.1376E-01	253.1
509	268.0	1599.6	0.0	0.47625	0.9914E-01	1.40683	0.1375E-01	253.0
509	268.5	1600.0	0.0	0.47664	0.1000E+00	1.40685	0.1378E-01	253.2
509	269.0	1600.0	0.0	0.47724	0.1014E+00	1.40716	0.1398E-01	253.2

509	269.5	1600.4	0.0	0.47768	0.1024E+00	1.40726	0.1406E-01	253.0
509	270.0	1597.4	0.0	0.47818	0.1036E+00	1.40729	0.1408E-01	253.2
509	270.5	1599.0	0.0	0.47870	0.1048E+00	1.40730	0.1409E-01	253.2
509	271.0	1597.0	0.0	0.47925	0.1061E+00	1.40749	0.1422E-01	253.3
509	271.5	1599.4	0.0	0.47977	0.1073E+00	1.40753	0.1425E-01	253.2
509	272.0	1600.0	0.0	0.48038	0.1087E+00	1.52771	-0.4326E-01	253.1
509	272.5	1601.6	0.0	0.48085	0.1098E+00	1.40788	0.1450E-01	253.2
509	273.0	1602.2	0.0	0.48140	0.1110E+00	1.40800	0.1459E-01	252.9
509	273.5	1601.6	0.0	0.48182	0.1120E+00	1.40799	0.1459E-01	253.1
509	274.0	1602.2	0.0	0.48236	0.1132E+00	1.40798	0.1458E-01	252.9
509	274.5	1601.4	0.0	0.48293	0.1146E+00	1.40810	0.1460E-01	253.1
509	275.0	1601.0	0.0	0.48344	0.1157E+00	1.40825	0.1477E-01	253.1
509	275.5	1602.6	0.0	0.48392	0.1168E+00	1.40840	0.1486E-01	253.1
509	276.0	1601.0	0.0	0.48451	0.1182E+00	1.40845	0.1491E-01	253.0
509	276.5	1600.8	0.0	0.48504	0.1194E+00	1.40850	0.1495E-01	253.1
509	277.0	1600.6	0.0	0.48556	0.1206E+00	1.40867	0.1507E-01	252.8
509	277.5	1600.2	0.0	0.48611	0.1219E+00	1.40866	0.1507E-01	253.0
509	278.0	1601.0	0.0	0.48662	0.1231E+00	1.40878	0.1515E-01	253.0
509	278.5	1600.6	0.0	0.48728	0.1246E+00	1.40882	0.1518E-01	252.7
509	279.0	1601.6	0.0	0.48778	0.1257E+00	1.40893	0.1526E-01	252.9
509	279.5	1599.0	0.0	0.48846	0.1273E+00	1.40902	0.1533E-01	253.0
509	280.0	1599.4	0.0	0.48900	0.1286E+00	1.40926	0.1550E-01	253.0
509	280.5	1600.8	0.0	0.48952	0.1298E+00	1.40914	0.1541E-01	253.0
509	281.0	1600.4	0.0	0.49015	0.1312E+00	1.40936	0.1557E-01	252.7
509	281.5	1600.2	0.0	0.49074	0.1326E+00	1.40948	0.1566E-01	253.1
509	282.0	1600.4	0.0	0.49127	0.1338E+00	1.40934	0.1556E-01	253.0
509	282.5	1600.2	0.0	0.49196	0.1354E+00	1.40959	0.1574E-01	252.9
509	283.0	1601.6	0.0	0.49251	0.1367E+00	1.40963	0.1576E-01	252.6
509	283.5	1602.0	0.0	0.49306	0.1379E+00	1.40970	0.1582E-01	253.0
509	284.0	1600.6	0.0	0.49365	0.1393E+00	1.40987	0.1594E-01	253.1
509	284.5	1601.0	0.0	0.49427	0.1407E+00	1.40978	0.1588E-01	253.0
509	285.0	1599.0	0.0	0.49481	0.1420E+00	1.40993	0.1596E-01	252.8
509	285.5	1599.6	0.0	0.49547	0.1435E+00	1.41010	0.1610E-01	252.9
509	286.0	1600.6	0.0	0.49609	0.1449E+00	1.41023	0.1620E-01	252.8
509	286.5	1601.4	0.0	0.49677	0.1465E+00	1.41025	0.1621E-01	252.8
509	287.0	1600.2	0.0	0.49747	0.1481E+00	1.41031	0.1625E-01	253.0
509	287.5	1600.8	0.0	0.49804	0.1494E+00	1.41044	0.1635E-01	253.0
509	288.0	1599.6	0.0	0.49869	0.1509E+00	1.41068	0.1652E-01	253.0
509	288.5	1601.2	0.0	0.49938	0.1525E+00	1.41083	0.1663E-01	252.9
509	289.0	1601.0	0.0	0.50007	0.1541E+00	1.41089	0.1666E-01	253.0
509	289.5	1599.8	0.0	0.50066	0.1555E+00	1.41104	0.1678E-01	252.9
509	290.0	1599.2	0.0	0.50138	0.1571E+00	1.41112	0.1684E-01	252.9
509	290.5	1599.4	0.0	0.50201	0.1586E+00	1.41115	0.1687E-01	252.9
509	291.0	1599.4	0.0	0.50278	0.1604E+00	1.41136	0.1702E-01	253.0
509	291.5	1600.6	0.0	0.50342	0.1619E+00	1.41136	0.1701E-01	253.0
509	292.0	1601.4	0.0	0.50414	0.1635E+00	1.41142	0.1706E-01	253.0
509	292.5	1601.6	0.0	0.50486	0.1652E+00	1.41146	0.1709E-01	253.1
509	293.0	1599.6	0.0	0.50562	0.1669E+00	1.41160	0.1719E-01	252.9
509	293.5	1599.4	0.0	0.50628	0.1684E+00	1.41166	0.1723E-01	253.1
509	294.0	1600.2	0.0	0.50706	0.1702E+00	1.41186	0.1736E-01	253.0
509	294.5	1602.2	0.0	0.50776	0.1719E+00	1.41186	0.1737E-01	252.9
509	295.0	1600.4	0.0	0.50844	0.1734E+00	1.41190	0.1740E-01	252.7
509	295.5	1601.6	0.0	0.50933	0.1755E+00	1.41213	0.1757E-01	252.4
509	296.0	1601.0	0.0	0.51000	0.1770E+00	1.41227	0.1767E-01	252.7
509	296.5	1599.2	0.0	0.51072	0.1787E+00	1.41240	0.1776E-01	252.9
509	297.0	1600.4	0.0	0.51157	0.1806E+00	1.41249	0.1783E-01	252.9
509	297.5	1600.4	0.0	0.51238	0.1825E+00	1.41256	0.1786E-01	252.8
509	298.0	1600.6	0.0	0.51314	0.1843E+00	1.41272	0.1794E-01	252.9
509	298.5	1600.0	0.0	0.51399	0.1862E+00	1.41281	0.1806E-01	252.6
509	299.0	1600.4	0.0	0.51465	0.1878E+00	1.41267	0.1796E-01	252.4

509	299.5	1601.4	0.0	0.51548	0.1897E+00	1.41246	0.1780E-01	252.9
509	300.0	1601.2	0.0	0.51603	0.1910E+00	1.41142	0.1705E-01	252.7
509	300.5	1452.2	0.0	0.51392	0.1861E+00	1.41090	0.1666E-01	223.5
509	301.0	1374.4	0.0	0.51366	0.1855E+00	1.41445	0.1924E-01	225.6
509	301.5	1371.6	0.1	0.51381	0.1858E+00	1.41485	0.1953E-01	226.0
509	302.0	1362.4	0.1	0.51375	0.1857E+00	1.41505	0.1967E-01	226.7
509	302.5	1375.6	0.0	0.51379	0.1858E+00	1.41505	0.1967E-01	226.7
509	303.0	1370.8	0.1	0.51384	0.1859E+00	1.41511	0.1972E-01	227.1
509	303.5	1394.6	0.1	0.51393	0.1861E+00	1.36124	0.1910E-01	48.7
509	304.0	1498.6	0.0	0.51447	0.1874E+00	1.41126	0.1694E-01	14.8
509	304.5	1573.2	0.1	0.51480	0.1881E+00	1.41203	0.1749E-01	15.0

510	147.5							
510	142.5	1582.0	0.0	0.43650	0.6874E-02	1.39971	0.8798E-02	21.6
510	143.0	1581.2	0.0	0.43652	0.6924E-02	1.40003	0.9026E-02	22.1
510	143.5	1582.4	0.0	0.43654	0.6969E-02	1.40021	0.9160E-02	22.3
510	144.0	1583.4	0.0	0.43656	0.7014E-02	1.40033	0.9243E-02	22.1
510	144.5	1583.0	0.0	0.43661	0.7134E-02	1.40061	0.9444E-02	22.1
510	145.0	1583.2	0.0	0.43660	0.7119E-02	1.40084	0.9610E-02	22.2
510	145.5	1583.8	0.0	0.43659	0.7089E-02	1.40112	0.9816E-02	22.0
510	146.0	1584.0	0.0	0.43656	0.7029E-02	1.40134	0.9972E-02	22.2
510	146.5	1585.0	0.0	0.43663	0.7193E-02	1.40159	0.1015E-01	22.2
510	147.0	1584.6	0.0	0.43665	0.7223E-02	1.40179	0.1030E-01	22.2
510	147.5	1588.4	0.0	0.43714	0.8360E-02	1.40204	0.1048E-01	208.5
510	148.0	1589.6	0.0	0.43751	0.9212E-02	1.40217	0.1057E-01	210.4
510	148.5	1591.4	0.0	0.43775	0.9766E-02	1.40250	0.1081E-01	211.2
510	149.0	1593.4	0.0	0.43805	0.1045E-01	1.40291	0.1111E-01	211.2
510	149.5	1593.6	0.0	0.43832	0.1108E-01	1.40322	0.1133E-01	211.3
510	150.0	1593.6	0.0	0.43853	0.1158E-01	1.40355	0.1156E-01	211.8
510	150.5	1593.4	0.0	0.43873	0.1202E-01	1.40384	0.1177E-01	211.8
510	151.0	1594.0	0.0	0.43892	0.1246E-01	1.40402	0.1190E-01	211.7
510	151.5	1593.4	0.0	0.43916	0.1303E-01	1.40443	0.1220E-01	211.7
510	152.0	1593.2	0.0	0.43941	0.1361E-01	1.40465	0.1236E-01	211.5
510	152.5	1593.6	0.0	0.43958	0.1398E-01	1.40490	0.1254E-01	211.6
510	153.0	1592.8	0.0	0.43976	0.1440E-01	1.40528	0.1281E-01	211.4
510	153.5	1593.2	0.0	0.43991	0.1476E-01	1.40544	0.1293E-01	211.5
510	154.0	1593.4	0.0	0.44013	0.1525E-01	1.40578	0.1317E-01	211.4
510	154.5	1593.4	0.0	0.44034	0.1573E-01	1.40597	0.1331E-01	211.6
510	155.0	1594.4	0.0	0.44052	0.1617E-01	1.40615	0.1344E-01	211.3
510	155.5	1594.2	0.0	0.44069	0.1654E-01	1.40633	0.1357E-01	211.5
510	156.0	1594.2	0.0	0.44093	0.1711E-01	1.40670	0.1384E-01	211.3
510	156.5	1595.2	0.0	0.44108	0.1745E-01	1.40688	0.1397E-01	211.4
510	157.0	1594.8	0.0	0.44126	0.1787E-01	1.40713	0.1415E-01	211.2
510	157.5	1595.6	0.0	0.44140	0.1820E-01	1.40726	0.1424E-01	210.9
510	158.0	1595.6	0.0	0.44162	0.1869E-01	1.40751	0.1442E-01	211.0
510	158.5	1595.0	0.0	0.44177	0.1905E-01	1.40782	0.1464E-01	211.2
510	159.0	1596.0	0.0	0.44195	0.1946E-01	1.40805	0.1481E-01	211.0
510	159.5	1596.4	0.0	0.44210	0.1982E-01	1.40825	0.1496E-01	211.0
510	160.0	1598.8	0.0	0.44229	0.2023E-01	1.40833	0.1501E-01	211.0
510	160.5	1598.8	0.0	0.44249	0.2070E-01	1.40856	0.1516E-01	210.8
510	161.0	1599.2	0.0	0.44268	0.2115E-01	1.40885	0.1538E-01	211.2
510	161.5	1598.0	0.0	0.44289	0.2163E-01	1.40896	0.1546E-01	211.1
510	162.0	1599.4	0.0	0.44308	0.2206E-01	1.40908	0.1555E-01	210.3
510	162.5	1599.8	0.0	0.44323	0.2240E-01	1.40920	0.1564E-01	210.8
510	163.0	1599.6	0.0	0.44344	0.2290E-01	1.40948	0.1584E-01	211.0
510	163.5	1600.6	0.0	0.44366	0.2341E-01	1.40961	0.1593E-01	210.9
510	164.0	1601.0	0.0	0.44387	0.2390E-01	1.40989	0.1613E-01	210.9
510	164.5	1599.8	0.0	0.44408	0.2436E-01	1.41004	0.1625E-01	211.1
510	165.0	1600.8	0.0	0.44426	0.2480E-01	1.41023	0.1638E-01	211.1
510	165.5	1599.8	0.0	0.44448	0.2529E-01	1.41038	0.1648E-01	211.0
510	166.0	1600.6	0.0	0.44470	0.2581E-01	1.41061	0.1665E-01	210.8
510	166.5	1600.2	0.0	0.44494	0.2637E-01	1.41071	0.1673E-01	211.0
510	167.0	1600.6	0.0	0.44511	0.2676E-01	1.41094	0.1689E-01	210.8
510	167.5	1600.4	0.0	0.44534	0.2729E-01	1.41100	0.1693E-01	210.9
510	168.0	1600.6	0.0	0.44552	0.2770E-01	1.35273	- .2506E-01	210.8
510	168.5	1599.4	0.0	0.44572	0.2816E-01	1.41151	0.1730E-01	210.8
510	169.0	1600.0	0.0	0.44594	0.2867E-01	1.41161	0.1737E-01	210.9
510	169.5	1599.2	0.0	0.44614	0.2912E-01	1.41177	0.1749E-01	210.8
510	170.0	1599.2	0.0	0.44639	0.2970E-01	1.41179	0.1750E-01	210.8
510	170.5	1598.8	0.0	0.44657	0.3012E-01	1.41207	0.1771E-01	210.8
510	171.0	1599.8	0.0	0.44683	0.3072E-01	1.41230	0.1787E-01	210.7
510	171.5	1599.4	0.0	0.44701	0.3112E-01	1.41247	0.1800E-01	210.

510	172.0	1600.4	0.0	0.44725	0.3169E-01	1.41260	0.1804E-01	210.8
510	172.5	1601.6	0.0	0.44752	0.3230E-01	1.41284	0.1826E-01	210.6
510	173.0	1601.4	0.0	0.44773	0.3278E-01	1.41293	0.1833E-01	210.7
510	173.5	1600.6	0.0	0.44793	0.3326E-01	1.41311	0.1845E-01	210.9
510	174.0	1600.2	0.0	0.44814	0.3374E-01	1.41325	0.1856E-01	210.5
510	174.5	1599.2	0.0	0.44834	0.3432E-01	1.41349	0.1873E-01	210.7
510	175.0	1600.6	0.0	0.44858	0.3476E-01	1.41351	0.1874E-01	210.7
510	175.5	1598.8	0.0	0.44882	0.3531E-01	1.41362	0.1882E-01	210.8
510	176.0	1600.0	0.0	0.44909	0.3592E-01	1.41384	0.1898E-01	210.7
510	176.5	1599.0	0.0	0.44928	0.3637E-01	1.41406	0.1914E-01	210.7
510	177.0	1599.0	0.0	0.44949	0.3685E-01	1.41407	0.1915E-01	210.6
510	177.5	1600.4	0.0	0.44974	0.3743E-01	1.41423	0.1926E-01	210.8
510	178.0	1599.4	0.0	0.44997	0.3796E-01	1.41448	0.1944E-01	210.8
510	178.5	1599.6	0.0	0.45021	0.3851E-01	1.41451	0.1947E-01	210.4
510	179.0	1598.8	0.0	0.45038	0.3891E-01	1.41477	0.1965E-01	210.8
510	179.5	1599.6	0.0	0.45063	0.3948E-01	1.41480	0.1967E-01	210.5
510	180.0	1599.4	0.0	0.45086	0.4002E-01	1.41504	0.1985E-01	210.7
510	180.5	1599.0	0.0	0.45106	0.4047E-01	1.41518	0.1995E-01	210.5
510	181.0	1599.0	0.0	0.45129	0.4101E-01	1.41527	0.2001E-01	210.5
510	181.5	1598.0	0.0	0.45153	0.4155E-01	1.41547	0.2016E-01	210.3
510	182.0	1598.0	0.0	0.45178	0.4214E-01	1.41555	0.2021E-01	210.7
510	182.5	1598.6	0.0	0.45196	0.4255E-01	1.41575	0.2036E-01	210.6
510	183.0	1599.2	0.0	0.45222	0.4315E-01	1.41587	0.2044E-01	210.5
510	183.5	1599.0	0.0	0.45239	0.4355E-01	1.41595	0.2050E-01	210.6
510	184.0	1599.0	0.0	0.45271	0.4427E-01	1.41606	0.2058E-01	210.6
510	184.5	1600.0	0.0	0.45293	0.4479E-01	1.41616	0.2066E-01	210.4
510	185.0	1600.0	0.0	0.45313	0.4524E-01	1.41632	0.2077E-01	210.8
510	185.5	1598.8	0.0	0.45339	0.4584E-01	1.41642	0.2084E-01	210.6
510	186.0	1599.4	0.0	0.45362	0.4638E-01	1.41662	0.2098E-01	210.5
510	186.5	1599.8	0.0	0.45385	0.4690E-01	1.41669	0.2103E-01	210.5
510	187.0	1600.0	0.0	0.45413	0.4756E-01	1.41693	0.2121E-01	210.5
510	187.5	1600.0	0.0	0.45430	0.4795E-01	1.41688	0.2117E-01	210.6
510	188.0	1598.8	0.0	0.45457	0.4856E-01	1.41707	0.2131E-01	210.6
510	188.5	1598.6	0.0	0.45475	0.4899E-01	1.41730	0.2148E-01	210.6
510	189.0	1599.4	0.0	0.45502	0.4961E-01	1.41743	0.2157E-01	210.5
510	189.5	1599.8	0.0	0.45529	0.5022E-01	1.41757	0.2167E-01	210.4
510	190.0	1599.8	0.0	0.45548	0.5067E-01	1.41779	0.2183E-01	210.5
510	190.5	1599.8	0.0	0.45570	0.5118E-01	1.41765	0.2173E-01	210.6
510	191.0	1599.8	0.0	0.45595	0.5175E-01	1.41786	0.2188E-01	210.5
510	191.5	1599.8	0.0	0.45621	0.5234E-01	1.41811	0.2206E-01	210.4
510	192.0	1599.8	0.0	0.45645	0.5290E-01	1.41817	0.2210E-01	210.4
510	192.5	1599.6	0.0	0.45667	0.5342E-01	1.41834	0.2222E-01	210.5
510	193.0	1601.4	0.0	0.45685	0.5382E-01	1.41847	0.2232E-01	210.5
510	193.5	1600.6	0.0	0.45708	0.5436E-01	1.41852	0.2236E-01	210.4
510	194.0	1600.2	0.0	0.45733	0.5493E-01	1.41864	0.2246E-01	210.5
510	194.5	1599.6	0.0	0.45763	0.5562E-01	1.41888	0.2261E-01	210.4
510	195.0	1598.8	0.0	0.45783	0.5610E-01	1.41893	0.2265E-01	210.6
510	195.5	1599.4	0.0	0.45803	0.5655E-01	1.41904	0.2273E-01	210.5
510	196.0	1600.8	0.0	0.45828	0.5713E-01	1.41919	0.2284E-01	210.6
510	196.5	1600.2	0.0	0.45853	0.5771E-01	1.41926	0.2289E-01	210.3
510	197.0	1601.2	0.0	0.45881	0.5836E-01	1.41958	0.2312E-01	210.4
510	197.5	1600.0	0.0	0.45905	0.5891E-01	1.41952	0.2307E-01	210.5
510	198.0	1601.0	0.0	0.45932	0.5952E-01	1.41965	0.2317E-01	210.5
510	198.5	1599.2	0.0	0.45948	0.5990E-01	1.41976	0.2325E-01	210.1
510	199.0	1599.2	0.0	0.45981	0.6066E-01	1.41984	0.2334E-01	210.5
510	199.5	1600.0	0.0	0.46003	0.6117E-01	1.42000	0.2342E-01	210.5
510	200.0	1600.4	0.0	0.46024	0.6165E-01	1.42008	0.2348E-01	210.4
510	200.5	1600.0	0.0	0.46055	0.6236E-01	1.42023	0.2359E-01	210.4
510	201.0	1598.8	0.0	0.46073	0.6278E-01	1.42038	0.2369E-01	210.3
510	201.5	1598.6	0.0	0.46095	0.6328E-01	1.42041	0.2372E-01	210.3

510	202.0	1598.8	0.0	0.46122	0.6390E-01	1.42057	0.2383E-01	210.
510	202.5	1598.4	0.0	0.46139	0.6429E-01	1.42062	0.2387E-01	210.5
510	203.0	1599.0	0.0	0.46170	0.6501E-01	1.42073	0.2395E-01	210.5
510	203.5	1600.8	0.0	0.46188	0.6543E-01	1.42086	0.2404E-01	210.2
510	204.0	1600.0	0.0	0.46219	0.6615E-01	1.42105	0.2418E-01	210.3
510	204.5	1599.6	0.0	0.46242	0.6667E-01	1.42109	0.2420E-01	210.4
510	205.0	1599.6	0.0	0.46268	0.6728E-01	1.42129	0.2435E-01	210.4
510	205.5	1599.6	0.0	0.46298	0.6797E-01	1.42143	0.2445E-01	210.4
510	206.0	1599.6	0.0	0.46313	0.6832E-01	1.42147	0.2448E-01	210.4
510	206.5	1599.6	0.0	0.46342	0.6899E-01	1.42147	0.2448E-01	210.5
510	207.0	1600.0	0.0	0.46367	0.6956E-01	1.42156	0.2455E-01	210.3
510	207.5	1600.2	0.0	0.46391	0.7011E-01	1.42168	0.2463E-01	210.4
510	208.0	1599.6	0.0	0.46416	0.7069E-01	1.42181	0.2473E-01	210.1
510	208.5	1599.6	0.0	0.46445	0.7137E-01	1.42197	0.2484E-01	210.5
510	209.0	1600.8	0.0	0.46467	0.7188E-01	1.42193	0.2481E-01	210.3
510	209.5	1601.0	0.0	0.46495	0.7252E-01	1.42214	0.2497E-01	210.4
510	210.0	1601.6	0.0	0.46516	0.7300E-01	1.42225	0.2504E-01	210.3
510	210.5	1600.8	0.0	0.46545	0.7367E-01	1.42232	0.2509E-01	210.3
510	211.0	1601.0	0.0	0.46572	0.7430E-01	1.42248	0.2520E-01	210.2
510	211.5	1601.4	0.0	0.46596	0.7484E-01	1.42261	0.2523E-01	210.5
510	212.0	1602.0	0.0	0.46626	0.7554E-01	1.42270	0.2537E-01	210.1
510	212.5	1600.4	0.0	0.46649	0.7606E-01	1.42284	0.2547E-01	210.3
510	213.0	1599.6	0.0	0.46675	0.7666E-01	1.42298	0.2557E-01	210.5
510	213.5	1600.2	0.0	0.46700	0.7724E-01	1.42298	0.2557E-01	210.2
510	214.0	1600.2	0.0	0.46724	0.7780E-01	1.42312	0.2567E-01	210.4
510	214.5	1602.8	0.0	0.46749	0.7837E-01	1.42324	0.2576E-01	210.3
510	215.0	1603.2	0.0	0.46780	0.7910E-01	1.42332	0.2582E-01	210.3
510	215.5	1601.4	0.0	0.46802	0.7954E-01	1.42354	0.2597E-01	210.2
510	216.0	1601.8	0.0	0.46823	0.8007E-01	1.42346	0.2591E-01	209.8
510	216.5	1600.2	0.0	0.46850	0.8070E-01	1.42359	0.2601E-01	210.4
510	217.0	1599.4	0.0	0.46880	0.8140E-01	1.42378	0.2614E-01	210.3
510	217.5	1599.2	0.0	0.46906	0.8200E-01	1.42396	0.2628E-01	210.3
510	218.0	1598.2	0.0	0.46932	0.8258E-01	1.42398	0.2629E-01	210.4
510	218.5	1602.0	0.0	0.46956	0.8314E-01	1.42407	0.2636E-01	210.3
510	219.0	1599.6	0.0	0.46980	0.8369E-01	1.42422	0.2646E-01	210.3
510	219.5	1599.0	0.0	0.47010	0.8439E-01	1.42430	0.2652E-01	210.4
510	220.0	1599.8	0.0	0.47036	0.8499E-01	1.42441	0.2660E-01	210.1
510	220.5	1599.4	0.0	0.47061	0.8556E-01	1.42444	0.2662E-01	210.3
510	221.0	1598.8	0.0	0.47088	0.8620E-01	1.42451	0.2667E-01	210.3
510	221.5	1598.6	0.0	0.47108	0.8665E-01	1.42450	0.2666E-01	210.1
510	222.0	1597.6	0.0	0.47144	0.8747E-01	1.42467	0.2679E-01	210.2
510	222.5	1599.0	0.0	0.47164	0.8795E-01	1.42467	0.2678E-01	210.2
510	223.0	1599.6	0.0	0.47193	0.8862E-01	1.42490	0.2695E-01	210.3
510	223.5	1600.6	0.0	0.47221	0.8927E-01	1.42497	0.2700E-01	210.2
510	224.0	1600.0	0.0	0.47241	0.8972E-01	1.42482	0.2690E-01	210.3
510	224.5	1599.0	0.0	0.47271	0.9040E-01	1.42496	0.2701E-01	209.9
510	225.0	1598.4	0.0	0.47297	0.9100E-01	1.42517	0.2715E-01	210.2
510	225.5	1597.4	0.0	0.47330	0.9177E-01	1.42523	0.2719E-01	210.3
510	226.0	1599.6	0.0	0.47348	0.9218E-01	1.42516	0.2715E-01	210.2
510	226.5	1600.6	0.0	0.47381	0.9295E-01	1.42533	0.2726E-01	210.2
510	227.0	1602.2	0.0	0.47415	0.9372E-01	1.42546	0.2736E-01	210.3
510	227.5	1602.6	0.0	0.47434	0.9417E-01	1.42557	0.2744E-01	210.1
510	228.0	1602.0	0.0	0.47463	0.9485E-01	1.42564	0.2754E-01	210.3
510	228.5	1602.2	0.0	0.47488	0.9543E-01	1.42576	0.2757E-01	210.4
510	229.0	1600.6	0.0	0.47517	0.9609E-01	1.42574	0.2756E-01	210.1
510	229.5	1599.8	0.0	0.47544	0.9672E-01	1.42592	0.2769E-01	210.4
510	230.0	1599.6	0.0	0.47570	0.9730E-01	1.42603	0.2777E-01	210.0
510	230.5	1600.4	0.0	0.47604	0.9809E-01	1.42602	0.2776E-01	210.3
510	231.0	1602.0	0.0	0.47628	0.9865E-01	1.42620	0.2789E-01	210.2
510	231.5	1602.6	0.0	0.47666	0.9953E-01	1.42655	0.2814E-01	210.2

510	232.0	1600.6	0.0	0.47684	0.9995E-01	1.45688	0.5000E-01	210.3
510	232.5	1599.2	0.0	0.47703	0.1004E+00	1.42631	0.2797E-01	210.3
510	233.0	1601.4	0.0	0.47741	0.1013E+00	1.42661	0.2819E-01	210.1
510	233.5	1601.6	0.0	0.47761	0.1017E+00	1.42676	0.2829E-01	210.2
510	234.0	1600.4	0.0	0.47793	0.1025E+00	1.42668	0.2824E-01	210.2
510	234.5	1600.0	0.0	0.47826	0.1032E+00	1.42678	0.2831E-01	210.1
510	235.0	1601.6	0.0	0.47853	0.1038E+00	1.42688	0.2836E-01	210.1
510	235.5	1600.4	0.0	0.47879	0.1044E+00	1.42711	0.2855E-01	210.1
510	236.0	1601.6	0.0	0.47902	0.1050E+00	1.42711	0.2855E-01	210.0
510	236.5	1601.4	0.0	0.47930	0.1056E+00	1.42717	0.2859E-01	210.3
510	237.0	1602.8	0.0	0.47966	0.1064E+00	-9.99900	-9.9999E+04	210.4
510	237.5	1603.0	0.0	0.47988	0.1069E+00	1.42725	0.2865E-01	210.2
510	238.0	1602.4	0.0	0.48021	0.1077E+00	1.42745	0.2879E-01	210.3
510	238.5	1603.2	0.0	0.48052	0.1084E+00	1.42751	0.2884E-01	210.1
510	239.0	1602.6	0.0	0.48072	0.1089E+00	1.42758	0.2889E-01	210.0
510	239.5	1600.4	0.0	0.48106	0.1097E+00	1.42762	0.2891E-01	210.2
510	240.0	1599.6	0.0	0.48132	0.1103E+00	1.42777	0.2902E-01	210.2
510	240.5	1599.6	0.0	0.48169	0.1111E+00	1.42783	0.2908E-01	210.1
510	241.0	1600.6	0.0	0.48192	0.1117E+00	1.42798	0.2916E-01	210.0
510	241.5	1600.2	0.0	0.48224	0.1124E+00	1.42791	0.2912E-01	210.2
510	242.0	1598.8	0.0	0.48239	0.1127E+00	1.42807	0.2924E-01	210.3
510	242.5	1599.2	0.0	0.48281	0.1137E+00	1.42822	0.2934E-01	210.2
510	243.0	1597.6	0.0	0.48298	0.1141E+00	1.42615	0.2929E-01	210.1
510	243.5	1600.6	0.0	0.48332	0.1149E+00	1.42829	0.2939E-01	210.0
510	244.0	1599.8	0.0	0.48359	0.1155E+00	1.42826	0.2938E-01	210.1
510	244.5	1599.6	0.0	0.48380	0.1160E+00	1.42832	0.2942E-01	209.5
510	245.0	1600.0	0.0	0.48413	0.1168E+00	1.42843	0.2950E-01	210.2
510	245.5	1600.2	0.0	0.48443	0.1175E+00	1.42843	0.2950E-01	210.2
510	246.0	1599.4	0.0	0.48475	0.1182E+00	1.42854	0.2958E-01	210.1
510	246.5	1599.8	0.0	0.48504	0.1189E+00	1.42862	0.2963E-01	210.1
510	247.0	1599.0	0.0	0.48534	0.1195E+00	1.42875	0.2973E-01	210.2
510	247.5	1599.4	0.0	0.48568	0.1203E+00	1.42902	0.2992E-01	210.2
510	248.0	1599.8	0.0	0.48592	0.1209E+00	1.42879	0.2976E-01	209.9
510	248.5	1600.0	0.0	0.48624	0.1216E+00	1.42908	0.2997E-01	210.4
510	249.0	1600.4	0.0	0.48654	0.1223E+00	1.42920	0.3005E-01	210.2
510	249.5	1601.4	0.0	0.48679	0.1229E+00	1.42926	0.3009E-01	210.3
510	250.0	1602.0	0.0	0.48708	0.1236E+00	1.42941	0.3020E-01	210.0
510	250.5	1601.8	0.0	0.48746	0.1244E+00	1.42953	0.3029E-01	210.2
510	251.0	1600.4	0.0	0.48770	0.1250E+00	1.42966	0.3038E-01	210.3
510	251.5	1600.4	0.0	0.48792	0.1255E+00	1.42964	0.3037E-01	210.1
510	252.0	1600.0	0.0	0.48828	0.1263E+00	1.42969	0.3041E-01	210.0
510	252.5	1599.6	0.0	0.48843	0.1267E+00	1.42986	0.3053E-01	210.1
510	253.0	1599.0	0.0	0.48880	0.1275E+00	1.42982	0.3050E-01	210.1
510	253.5	1600.6	0.0	0.48907	0.1282E+00	1.42994	0.3059E-01	210.1
510	254.0	1601.2	0.0	0.48945	0.1290E+00	1.43011	0.3071E-01	210.0
510	254.5	1601.2	0.0	0.48970	0.1296E+00	1.43021	0.3078E-01	210.0
510	255.0	1600.0	0.0	0.48999	0.1303E+00	1.43034	0.3087E-01	210.2
510	255.5	1600.6	0.0	0.49026	0.1309E+00	1.43046	0.3096E-01	210.2
510	256.0	1601.2	0.0	0.49061	0.1317E+00	1.43049	0.3098E-01	210.1
510	256.5	1599.8	0.0	0.49083	0.1322E+00	1.43051	0.3099E-01	210.0
510	257.0	1599.0	0.0	0.49118	0.1330E+00	1.43051	0.3099E-01	210.1
510	257.5	1598.8	0.0	0.49152	0.1338E+00	1.43072	0.3114E-01	210.0
510	258.0	1601.4	0.0	0.49176	0.1344E+00	1.43082	0.3122E-01	209.6
510	258.5	1602.2	0.0	0.49212	0.1352E+00	1.43093	0.3130E-01	209.7
510	259.0	1602.0	0.0	0.49232	0.1356E+00	1.43092	0.3129E-01	210.1
510	259.5	1602.4	0.0	0.49264	0.1364E+00	1.43120	0.3150E-01	210.1
510	260.0	1602.2	0.0	0.49295	0.1371E+00	1.43119	0.3148E-01	210.2
510	260.5	1601.8	0.0	0.49321	0.1377E+00	1.43123	0.3151E-01	209.9
510	261.0	1600.4	0.0	0.49356	0.1385E+00	1.43147	0.3169E-01	209.7
510	261.5	1600.4	0.0	0.49384	0.1392E+00	1.43140	0.3163E-01	210.0

510	262.0	1601.0	0.0	0.49417	0.1399E+00	1.43155	0.3175E-01	209
510	262.5	1600.0	0.0	0.49448	0.1406E+00	1.43165	0.3182E-01	210.0
510	263.0	1601.0	0.0	0.49481	0.1414E+00	1.43171	0.3186E-01	210.0
510	263.5	1602.4	0.0	0.49511	0.1421E+00	1.43177	0.3190E-01	209.5
510	264.0	1600.8	0.0	0.49538	0.1427E+00	1.43177	0.3191E-01	210.0
510	264.5	1600.6	0.0	0.49573	0.1435E+00	1.43190	0.3200E-01	210.0
510	265.0	1600.6	0.0	0.49603	0.1442E+00	1.43197	0.3205E-01	210.0
510	265.5	1598.6	0.0	0.49644	0.1451E+00	1.43217	0.3219E-01	210.1
510	266.0	1599.6	0.0	0.49673	0.1458E+00	1.43227	0.3226E-01	210.0
510	266.5	1598.8	0.0	0.49706	0.1466E+00	1.43234	0.3231E-01	210.0
510	267.0	1599.8	0.0	0.49734	0.1472E+00	1.43227	0.3226E-01	210.1
510	267.5	1599.8	0.0	0.49767	0.1480E+00	1.43247	0.3241E-01	210.0

511	182.5						
511	178.0	1597.8	0.0	0.43595	0.6496E-02	1.41303	0.5193E-02
511	178.5	1598.4	0.0	0.43596	0.6511E-02	1.40456	-0.8343E-03
511	179.0	1598.2	0.0	0.43602	0.6661E-02	1.41326	0.5358E-02
511	179.5	1597.6	0.0	0.43600	0.6616E-02	1.41345	0.5490E-02
511	180.0	1596.8	0.0	0.43598	0.6571E-02	1.41345	0.5495E-02
511	180.5	1595.8	0.0	0.43602	0.6646E-02	1.41355	0.5561E-02
511	181.0	1595.6	0.0	0.43602	0.6661E-02	1.41371	0.5676E-02
511	181.5	1595.0	0.0	0.43602	0.6661E-02	1.41372	0.5667E-02
511	182.0	1593.4	0.0	0.43603	0.6676E-02	1.41375	0.5704E-02
511	182.5	1594.2	0.0	0.43612	0.6885E-02	1.41391	0.5619E-02
511	183.0	1602.4	0.0	0.43647	0.7694E-02	1.41409	0.5945E-02
511	183.5	1602.0	0.0	0.43668	0.8188E-02	1.41428	0.6082E-02
511	184.0	1601.2	0.0	0.43685	0.8562E-02	1.41448	0.6225E-02
511	184.5	1599.4	0.0	0.43696	0.8831E-02	1.41461	0.6318E-02
511	185.0	1597.2	0.0	0.43713	0.9205E-02	1.41453	0.6258E-02
511	185.5	1597.0	0.0	0.43726	0.9505E-02	1.41474	0.6406E-02
511	186.0	1595.2	0.0	0.43738	0.9789E-02	1.41465	0.6346E-02
511	186.5	1595.8	0.0	0.43752	0.1012E-01	1.41487	0.6500E-02
511	187.0	1596.0	0.0	0.43768	0.1048E-01	1.41496	0.6565E-02
511	187.5	1594.8	0.0	0.43777	0.1070E-01	1.41501	0.6598E-02
511	188.0	1595.0	0.0	0.43791	0.1102E-01	1.41520	0.6736E-02
511	188.5	1594.2	0.0	0.43806	0.1136E-01	1.41539	-0.4718E-01
511	189.0	1589.2	0.0	0.43818	0.1163E-01	1.41526	0.6780E-02
511	189.5	1589.0	0.0	0.43829	0.1188E-01	1.41536	0.6851E-02
511	190.0	1588.8	0.0	0.43837	0.1208E-01	1.41558	0.7005E-02
511	190.5	1590.4	0.0	0.43847	0.1232E-01	1.41561	0.7026E-02
511	191.0	1591.0	0.0	0.43862	0.1266E-01	1.41578	0.7147E-02
511	191.5	1591.8	0.0	0.43877	0.1301E-01	1.41580	0.7164E-02
511	192.0	1591.0	0.0	0.43891	0.1332E-01	1.41599	0.7295E-02
511	192.5	1592.2	0.0	0.43901	0.1355E-01	1.41627	0.7499E-02
511	193.0	1592.8	0.0	0.43915	0.1388E-01	1.41612	0.7394E-02
511	193.5	1592.2	0.0	0.43930	0.1423E-01	1.41632	0.7532E-02
511	194.0	1593.0	0.0	0.43933	0.1429E-01	1.41645	0.7625E-02
511	194.5	1594.2	0.0	0.43942	0.1450E-01	1.41663	0.7751E-02
511	195.0	1594.8	0.0	0.43961	0.1494E-01	1.41682	0.7888E-02
511	195.5	1594.8	0.0	0.43968	0.1510E-01	1.41683	0.7894E-02
511	196.0	1596.0	0.0	0.43984	0.1546E-01	1.41691	0.7954E-02
511	196.5	1595.4	0.0	0.43989	0.1558E-01	1.41690	0.7949E-02
511	197.0	1596.2	0.0	0.44000	0.1584E-01	1.41710	0.8086E-02
511	197.5	1597.4	0.0	0.44015	0.1620E-01	1.41713	0.8106E-02
511	198.0	1596.8	0.0	0.44022	0.1635E-01	1.41729	0.8223E-02
511	198.5	1597.4	0.0	0.44034	0.1661E-01	1.41729	0.8223E-02
511	199.0	1598.2	0.0	0.44042	0.1681E-01	1.41735	0.8267E-02
511	199.5	1598.2	0.0	0.44051	0.1702E-01	1.41742	0.8317E-02
511	200.0	1598.0	0.0	0.44063	0.1730E-01	1.41757	0.8421E-02
511	200.5	1599.0	0.0	0.44073	0.1753E-01	1.41768	0.8498E-02
511	201.0	1599.4	0.0	0.44084	0.1778E-01	1.41774	0.8547E-02
511	201.5	1598.4	0.0	0.44093	0.1799E-01	1.41773	0.8536E-02
511	202.0	1599.6	0.0	0.44100	0.1814E-01	1.41788	0.8640E-02
511	202.5	1600.2	0.0	0.44113	0.1844E-01	1.41791	0.8662E-02
511	203.0	1600.0	0.0	0.44123	0.1868E-01	1.41789	0.8651E-02
511	203.5	1599.2	0.0	0.44132	0.1889E-01	1.41794	0.8684E-02
511	204.0	1600.0	0.0	0.44144	0.1917E-01	1.41807	0.8778E-02
511	204.5	1599.4	0.0	0.44154	0.1940E-01	1.41814	0.8827E-02
511	205.0	1598.8	0.0	0.44157	0.1947E-01	1.41805	0.8767E-02
511	205.5	1600.2	0.0	0.44168	0.1973E-01	1.41828	0.8926E-02
511	206.0	1599.0	0.0	0.44181	0.2003E-01	1.41832	0.8953E-02
511	206.5	1599.2	0.0	0.44192	0.2027E-01	1.41842	0.9030E-02
511	207.0	1598.8	0.0	0.44196	0.2037E-01	1.41835	0.8981E-02

511	207.5	1598.0	0.0	0.44203	0.2054E-01	1.41851	0.9091E-02	141.5
511	208.0	1598.6	0.0	0.44106	0.1824E-01	1.41846	0.9058E-02	141.6
511	208.5	1599.6	0.0	0.44216	0.2084E-01	1.41856	0.9124E-02	141.4
511	209.0	1599.0	0.0	0.44229	0.2112E-01	1.41856	0.9124E-02	141.4
511	209.5	1599.4	0.0	0.44236	0.2128E-01	1.41860	0.9156E-02	141.5
511	210.0	1600.0	0.0	0.44245	0.2149E-01	1.41867	0.9206E-02	141.7
511	210.5	1600.2	0.0	0.44258	0.2179E-01	1.41877	0.9277E-02	141.3
511	211.0	1599.4	0.0	0.44261	0.2187E-01	1.41875	0.9261E-02	141.5
511	211.5	1597.4	0.0	0.44270	0.2208E-01	1.41883	0.9310E-02	141.5
511	212.0	1597.8	0.0	0.44271	0.2209E-01	1.41878	0.9283E-02	141.3
511	212.5	1598.6	0.1	0.44283	0.2238E-01	1.41893	0.9387E-02	141.3
511	213.0	1599.6	0.0	0.44292	0.2259E-01	1.41889	0.9360E-02	141.1
511	213.5	1599.4	0.0	0.44303	0.2284E-01	1.41863	0.9321E-02	141.3
511	214.0	1598.0	0.0	0.44314	0.2308E-01	1.41906	0.9486E-02	141.4
511	214.5	1598.6	0.0	0.44317	0.2316E-01	1.41906	0.9486E-02	141.3
511	215.0	1598.8	0.0	0.44325	0.2334E-01	1.41906	0.9486E-02	141.0
511	215.5	1598.8	0.0	0.44332	0.2352E-01	1.55078	0.1032E+00	141.4
511	216.0	1599.2	0.0	0.44346	0.2383E-01	1.41918	0.9568E-02	141.4
511	216.5	1599.6	0.0	0.44354	0.2401E-01	1.41920	0.9579E-02	141.1
511	217.0	1599.0	0.1	0.44361	0.2417E-01	1.41934	0.9683E-02	141.3
511	217.5	1599.0	0.1	0.44365	0.2428E-01	1.41940	0.9727E-02	141.5
511	218.0	1599.2	0.0	0.44283	0.2238E-01	1.41935	0.9689E-02	141.4
511	218.5	1598.4	0.0	0.44393	0.2491E-01	1.41945	0.9760E-02	141.1
511	219.0	1597.2	0.0	0.44397	0.2501E-01	1.41947	0.9777E-02	141.2
511	219.5	1597.8	0.1	0.44400	0.2509E-01	1.41946	0.9766E-02	141.3
511	220.0	1599.2	0.0	0.44417	0.2548E-01	1.41964	0.9898E-02	141.3
511	220.5	1598.6	0.0	0.44415	0.2542E-01	1.41960	0.9870E-02	141.2
511	221.0	1599.2	0.0	0.44428	0.2573E-01	1.41974	0.9969E-02	141.1
511	221.5	1598.8	0.0	0.44440	0.2600E-01	1.41985	0.1005E-01	140.9
511	222.0	1597.6	0.0	0.44445	0.2612E-01	1.41973	0.9955E-02	141.2
511	222.5	1597.4	0.0	0.44454	0.2633E-01	1.41982	0.1002E-01	141.2
511	223.0	1598.2	0.1	0.44463	0.2654E-01	1.41989	0.1007E-01	141.2
511	223.5	1597.2	0.0	0.44477	0.2685E-01	1.42002	0.1017E-01	141.1
511	224.0	1599.2	0.1	0.44478	0.2687E-01	1.42004	0.1018E-01	141.4
511	224.5	1600.6	0.0	0.44486	0.2706E-01	1.42001	0.1016E-01	141.2
511	225.0	1599.4	0.0	0.44499	0.2736E-01	1.34148	-0.4570E-01	141.2
511	225.5	1600.6	0.0	0.44505	0.2751E-01	1.42014	0.1025E-01	141.3
511	226.0	1599.4	0.0	0.44513	0.2769E-01	1.42028	0.1035E-01	141.2
511	226.5	1601.0	0.1	0.44522	0.2790E-01	1.42020	0.1029E-01	141.1
511	227.0	1601.4	0.0	0.44531	0.2811E-01	1.42023	0.1031E-01	141.1
511	227.5	1600.0	0.0	0.44543	0.2838E-01	1.42030	0.1036E-01	141.3
511	228.0	1600.4	0.0	0.44554	0.2863E-01	1.42035	0.1040E-01	141.2
511	228.5	1600.2	0.0	0.44555	0.2866E-01	1.42043	0.1046E-01	141.1
511	229.0	1600.6	0.0	0.44570	0.2899E-01	1.42056	0.1055E-01	141.1
511	229.5	1600.2	0.1	0.44564	0.2887E-01	1.42055	0.1055E-01	141.3
511	230.0	1601.0	0.0	0.44586	0.2937E-01	1.42045	0.1047E-01	141.2
511	230.5	1601.2	0.0	0.44594	0.2956E-01	1.42061	0.1058E-01	141.1
511	231.0	1599.6	0.1	0.44601	0.2973E-01	1.42058	0.1057E-01	141.2
511	231.5	1600.6	0.1	0.44613	0.3000E-01	1.42081	0.1073E-01	141.1
511	232.0	1599.6	0.1	0.44616	0.3007E-01	1.42072	0.1068E-01	141.4
511	232.5	1599.0	0.1	0.44612	0.2997E-01	1.42074	0.1068E-01	141.1
511	233.0	1599.2	0.1	0.44629	0.3036E-01	1.42087	0.1077E-01	141.2
511	233.5	1599.8	0.0	0.44646	0.3074E-01	1.42096	0.1084E-01	141.1
511	234.0	1601.0	0.1	0.44655	0.3097E-01	1.42099	0.1086E-01	141.1
511	234.5	1601.6	0.1	0.44664	0.3116E-01	1.42099	0.1055E-01	141.0
511	235.0	1601.4	0.0	0.44670	0.3131E-01	1.42099	0.1086E-01	141.1
511	235.5	1599.8	0.1	0.44673	0.3139E-01	1.42106	0.1091E-01	141.2
511	236.0	1599.6	0.1	0.44684	0.3163E-01	1.42108	0.1092E-01	141.0
511	236.5	1599.6	0.1	0.44695	0.3188E-01	1.42101	0.1087E-01	140.8
511	237.0	1598.0	0.1	0.44694	0.3187E-01	1.42117	0.1096E-01	141.1

511	237.5	1599.4	0.0	0.44708	0.3218E-01	1.42116	0.1097E-01	141.1
511	238.0	1599.0	0.1	0.44710	0.3223E-01	1.42128	0.1106E-01	140.9
511	238.5	1596.4	0.1	0.44719	0.3245E-01	1.42132	0.1109E-01	141.1
511	239.0	1598.2	0.1	0.44735	0.3281E-01	1.42131	0.1108E-01	141.1
511	239.5	1598.8	0.1	0.44737	0.3286E-01	1.42136	0.1112E-01	141.1
511	240.0	1601.2	0.1	0.44737	0.3286E-01	1.42135	0.1111E-01	141.0
511	240.5	1600.8	0.1	0.44747	0.3309E-01	1.42139	0.1114E-01	141.0
511	241.0	1599.8	0.1	0.44761	0.3341E-01	1.42147	0.1120E-01	141.1
511	241.5	1599.2	0.1	0.44767	0.3356E-01	1.42146	0.1119E-01	141.1
511	242.0	1598.8	0.1	0.44778	0.3380E-01	1.42171	0.1137E-01	141.1
511	242.5	1598.6	0.1	0.44781	0.3387E-01	1.42160	0.1129E-01	141.2
511	243.0	1598.6	0.0	0.44788	0.3405E-01	1.42160	0.1129E-01	141.0
511	243.5	1598.4	0.0	0.44785	0.3396E-01	1.42164	0.1132E-01	141.1
511	244.0	1598.4	0.1	0.44799	0.3428E-01	1.42170	0.1136E-01	141.1
511	244.5	1599.4	0.1	0.44812	0.3459E-01	1.42172	0.1137E-01	141.0
511	245.0	1599.2	0.1	0.44819	0.3474E-01	1.42182	0.1145E-01	141.0
511	245.5	1599.8	0.1	0.44826	0.3491E-01	1.42181	0.1144E-01	141.0
511	246.0	1600.6	0.1	0.44841	0.3527E-01	1.42196	0.1154E-01	141.1
511	246.5	1600.2	0.1	0.44845	0.3534E-01	1.42193	0.1152E-01	141.0
511	247.0	1599.8	0.1	0.44852	0.3552E-01	1.42195	0.1154E-01	141.0
511	247.5	1600.0	0.0	0.44865	0.3580E-01	1.42197	0.1155E-01	141.0
511	248.0	1599.2	0.1	0.44868	0.3588E-01	1.42204	0.1160E-01	141.0
511	248.5	1599.0	0.1	0.44872	0.3598E-01	1.42210	0.1164E-01	141.0
511	249.0	1600.0	0.1	0.44893	0.3645E-01	1.42224	0.1174E-01	140.8
511	249.5	1600.0	0.0	0.44888	0.3634E-01	1.42211	0.1165E-01	140.8
511	250.0	1600.6	0.1	0.44902	0.3666E-01	1.42225	0.1175E-01	141.0
511	250.5	1599.8	0.1	0.44900	0.3663E-01	1.42225	0.1175E-01	141.1
511	251.0	1599.6	0.1	0.44922	0.3714E-01	1.42233	0.1181E-01	140.7
511	251.5	1599.8	0.1	0.44931	0.3733E-01	1.42227	0.1177E-01	141.0
511	252.0	1596.6	0.1	0.44941	0.3757E-01	1.42244	0.1184E-01	140.9
511	252.5	1599.6	0.1	0.44943	0.3762E-01	1.42239	0.1185E-01	141.0
511	253.0	1600.0	0.1	0.44958	0.3796E-01	1.42242	0.1187E-01	141.0
511	253.5	1599.8	0.1	0.44956	0.3791E-01	1.42248	0.1192E-01	140.9
511	254.0	1599.4	0.1	0.44968	0.3820E-01	1.42244	0.1184E-01	140.9
511	254.5	1599.4	0.1	0.44983	0.3853E-01	1.42254	0.1196E-01	141.0
511	255.0	1598.8	0.1	0.44989	0.3866E-01	1.42254	0.1196E-01	140.7
511	255.5	1599.6	0.1	0.44996	0.3883E-01	1.42257	0.1198E-01	140.9
511	256.0	1600.2	0.1	0.45003	0.3901E-01	1.42275	0.1211E-01	140.9
511	256.5	1599.2	0.1	0.45014	0.3926E-01	1.42262	0.1202E-01	141.0
511	257.0	1599.2	0.1	0.45024	0.3947E-01	1.42267	0.1205E-01	140.9
511	257.5	1599.2	0.1	0.45035	0.3973E-01	1.42274	0.1210E-01	140.9
511	257.5	1599.2	0.1	0.45035	0.3973E-01	1.42274	0.1210E-01	140.9
511	258.0	1601.0	0.1	0.45042	0.3969E-01	1.42290	0.1221E-01	140.8
511	258.5	1601.4	0.1	0.45051	0.4010E-01	1.42273	0.1204E-01	140.8
511	259.0	1601.2	0.1	0.45054	0.4017E-01	1.42283	0.1216E-01	140.7
511	259.5	1600.4	0.1	0.45062	0.4037E-01	1.42290	0.1221E-01	140.9
511	260.0	1596.6	0.1	0.45068	0.4049E-01	1.42302	0.1230E-01	140.9
511	260.5	1598.4	0.1	0.45079	0.4076E-01	1.42307	0.1233E-01	140.9
511	261.0	1600.8	0.1	0.45087	0.4094E-01	1.42303	0.1231E-01	141.0
511	261.5	1600.6	0.1	0.45095	0.4113E-01	1.42302	0.1230E-01	140.8
511	262.0	1600.2	0.1	0.45106	0.4137E-01	1.42312	0.1237E-01	141.0
511	262.5	1600.2	0.1	0.45120	0.4170E-01	1.42321	0.1243E-01	140.3
511	263.0	1601.2	0.1	0.45120	0.4170E-01	1.42305	0.1232E-01	140.8
511	263.5	1600.8	0.1	0.45130	0.4193E-01	1.42315	0.1240E-01	140.9
511	264.0	1601.0	0.1	0.45134	0.4203E-01	1.42319	0.1242E-01	140.5
511	264.5	1600.0	0.1	0.45141	0.4218E-01	1.42323	0.1245E-01	140.8
511	265.0	1599.0	0.1	0.45147	0.4232E-01	1.42326	0.1247E-01	140.9
511	265.5	1598.0	0.1	0.45160	0.4261E-01	1.42341	0.1258E-01	140.8
511	266.0	1599.8	0.1	0.45173	0.4291E-01	1.39948	-0.4087E-02	140.8
511	266.5	1599.0	0.1	0.45169	0.4282E-01	1.35764	-0.3421E-01	141.0

511	267.0	1600.8	0.1	0.45192	0.4336E-01	-9.99900	-.9999E+04	140.7
511	267.5	1599.6	0.1	0.45195	0.4342E-01	1.42365	0.1275E-01	140.7
511	268.0	1600.8	0.1	0.45203	0.4362E-01	1.42355	0.1268E-01	140.9
511	268.5	1600.8	0.1	0.45208	0.4372E-01	1.42352	0.1266E-01	140.8
511	269.0	1599.4	0.1	0.45215	0.4390E-01	1.42360	0.1276E-01	140.6
511	269.5	1601.2	0.1	0.45223	0.4407E-01	1.42370	0.1278E-01	140.4
511	270.0	1599.0	0.1	0.45233	0.4431E-01	1.42376	0.1283E-01	140.7
511	270.5	1599.4	0.1	0.45233	0.4431E-01	1.42366	0.1276E-01	140.8
511	271.0	1600.0	0.1	0.45247	0.4464E-01	1.42376	0.1282E-01	140.8
511	271.5	1601.8	0.1	0.45253	0.4477E-01	1.42380	0.1286E-01	140.4
511	272.0	1600.8	0.1	0.45253	0.4477E-01	1.42382	0.1287E-01	140.9
511	272.5	1600.8	0.1	0.45267	0.4510E-01	1.42376	0.1282E-01	140.9
511	273.0	1601.0	0.1	0.45276	0.4529E-01	1.42384	0.1286E-01	140.7
511	273.5	1600.8	0.1	0.45285	0.4552E-01	1.42393	0.1294E-01	140.7
511	274.0	1600.8	0.1	0.45281	0.4541E-01	1.42389	0.1292E-01	140.8
511	274.5	1601.8	0.1	0.45294	0.4571E-01	1.42393	0.1294E-01	140.7
511	275.0	1600.2	0.1	0.45308	0.4604E-01	1.42412	0.1308E-01	140.7
511	275.5	1599.8	0.1	0.45306	0.4598E-01	1.42416	0.1311E-01	140.9
511	276.0	1599.8	0.1	0.45313	0.4615E-01	1.42404	0.1303E-01	140.8
511	276.5	1598.8	0.1	0.45331	0.4658E-01	1.42420	0.1314E-01	140.6
511	277.0	1599.4	0.1	0.45329	0.4652E-01	1.42414	0.1310E-01	140.7
511	277.5	1599.4	0.1	0.45341	0.4681E-01	1.42426	0.1320E-01	140.7
511	278.0	1601.2	0.1	0.45348	0.4696E-01	1.42410	0.1307E-01	140.7
511	278.5	1601.8	0.1	0.45357	0.4718E-01	1.39948	-.4444E-02	140.7
511	279.0	1601.2	0.1	0.45363	0.4731E-01	1.56580	0.1139E+00	140.7
511	279.5	1601.0	0.1	0.45374	0.4757E-01	1.42430	0.1321E-01	140.8
511	280.0	1599.8	0.1	0.45375	0.4758E-01	1.42431	0.1322E-01	140.6
511	280.5	1601.0	0.1	0.45387	0.4787E-01	1.42435	0.1325E-01	140.5
511	281.0	1601.4	0.1	0.45398	0.4812E-01	1.42437	0.1326E-01	140.7
511	281.5	1600.4	0.1	0.45405	0.4827E-01	1.42446	0.1332E-01	140.7
511	282.0	1600.6	0.1	0.45402	0.4821E-01	1.42434	0.1324E-01	140.7
511	282.5	1599.8	0.1	0.45422	0.4866E-01	1.42450	0.1335E-01	140.7
511	283.0	1600.8	0.1	0.45430	0.4886E-01	1.42450	0.1335E-01	140.7
511	283.5	1600.8	0.1	0.45434	0.4895E-01	1.42444	0.1331E-01	140.8
511	284.0	1603.4	0.1	0.45444	0.4919E-01	1.42456	0.1339E-01	140.7
511	284.5	1603.6	0.1	0.45453	0.4938E-01	1.44706	0.2940E-01	140.5
511	285.0	1603.4	0.1	0.45466	0.4968E-01	1.39343	-.8750E-02	140.7
511	285.5	1602.2	0.1	0.45470	0.4978E-01	1.42466	0.1347E-01	140.8
511	286.0	1602.8	0.1	0.45469	0.4975E-01	1.42454	0.1338E-01	140.7
511	286.5	1602.0	0.1	0.45480	0.5001E-01	-9.99900	-.9999E+04	140.7
511	287.0	1601.2	0.1	0.45487	0.5017E-01	-9.99900	-.9999E+04	140.7
511	287.5	1600.6	0.1	0.45497	0.5041E-01	-9.99900	-.9999E+04	140.4
511	288.0	1600.4	0.1	0.45510	0.5071E-01	-9.99900	-.9999E+04	140.8
511	288.5	1602.0	0.1	0.45522	0.5098E-01	-9.99900	-.9999E+04	140.5
511	289.0	1600.8	0.1	0.45526	0.5107E-01	-9.99900	-.9999E+04	140.7
511	289.5	1600.6	0.1	0.45534	0.5127E-01	-9.99900	-.9999E+04	141.0
511	290.0	1601.0	0.1	0.45542	0.5143E-01	-9.99900	-.9999E+04	140.5
511	290.5	1600.6	0.1	0.45553	0.5164E-01	-9.99900	-.9999E+04	140.7
511	291.0	1598.2	0.1	0.45555	0.5175E-01	-9.99900	-.9999E+04	140.7
511	291.5	1597.4	0.1	0.45569	0.5206E-01	-9.99900	-.9999E+04	140.2
511	292.0	1597.6	0.1	0.45569	0.5206E-01	-9.99900	-.9999E+04	140.6
511	292.5	1597.4	0.1	0.45582	0.5237E-01	-9.99900	-.9999E+04	140.7
511	293.0	1598.4	0.1	0.45586	0.5246E-01	-9.99900	-.9999E+04	140.5
511	293.5	1599.4	0.1	0.45597	0.5270E-01	-9.99900	-.9999E+04	140.6
511	294.0	1600.6	0.1	0.45609	0.5299E-01	-9.99900	-.9999E+04	140.6
511	294.5	1601.8	0.1	0.45609	0.5294E-01	-9.99900	-.9999E+04	140.7
511	295.0	1600.4	0.1	0.45624	0.5333E-01	-9.99900	-.9999E+04	140.6
511	295.5	1601.6	0.1	0.45628	0.5342E-01	-9.99900	-.9999E+04	140.7
511	296.0	1601.6	0.1	0.45638	0.5366E-01	-9.99900	-.9999E+04	140.5
511	296.5	1598.6	0.1	0.45644	0.5380E-01	-9.99900	-.9999E+04	140.6

511	297.0	1598.4	0.1	0.45653	0.5401E-01-9.99900	-.9999E+04	140.7
511	297.5	1597.8	0.1	0.45661	0.5420E-01-9.99900	-.9999E+04	140.4
511	298.0	1598.8	0.1	0.45672	0.5445E-01-9.99900	-.9999E+04	140.6
511	298.5	1600.4	0.1	0.45680	0.5463E-01-9.99900	-.9999E+04	140.7
511	299.0	1600.0	0.1	0.45684	0.5472E-01-9.99900	-.9999E+04	140.6
511	299.5	1600.0	0.1	0.45696	0.5499E-01-9.99900	-.9999E+04	140.5
511	300.0	1599.2	0.1	0.45700	0.5508E-01-9.99900	-.9999E+04	140.6
511	300.5	1599.2	0.1	0.45710	0.5532E-01-9.99900	-.9999E+04	140.7
511	301.0	1601.2	0.1	0.45719	0.5552E-01-9.99900	-.9999E+04	140.6
511	301.5	1600.4	0.1	0.45722	0.5561E-01-9.99900	-.9999E+04	140.5
511	302.0	1600.8	0.1	0.45726	0.5566E-01-9.99900	-.9999E+04	140.5
511	302.5	1601.6	0.1	0.45737	0.5595E-01-9.99900	-.9999E+04	140.6
511	303.0	1600.6	0.1	0.45746	0.5616E-01-9.99900	-.9999E+04	140.5

C.4 : 1650°F Biaxial Constant Pressure Strain Data
(In 20% O₂ - 80% Ar 1 atm)

THIS PAGE
WAS INTENTIONALLY
LEFT BLANK

LENGTH 1650 F OXY BIAxIAL TRUE 1978

.50	1914.34	.000537	1.00	1928.06	.000677
1.50	1934.94	.000822	2.00	1942.57	.000906
2.50	1949.87	.000934	3.00	1955.09	.001024
3.50	1958.63	.001085	4.00	1966.51	.001270
4.50	1967.47	.001282	5.00	1971.89	.001304
5.50	1975.53	.001478	6.00	1979.90	.001635
6.50	1983.29	.001684	7.00	1986.52	.001836
7.50	1990.15	.001948	8.00	1995.18	.002088
8.50	2000.86	.002199	9.00	2005.84	.002339
9.50	2009.00	.002429	10.00	2015.72	.002569
20.00	2134.74	.005047	30.00	2323.69	.007773
.50	726.54	.000460	1.00	750.25	.000575
1.50	754.92	.000614	2.00	756.91	.000702
2.50	758.80	.000811	3.00	759.29	.000871
3.50	761.14	.000909	4.00	762.30	.001057
4.50	727.68	.0039633	5.00	761.25	.001200
5.50	762.15	.001221	6.00	761.02	.001254
6.50	762.23	.001325	7.00	761.91	.001375
7.50	762.22	.001452	8.00	761.79	.001463
8.50	762.22	.001567	9.00	763.17	.001616
9.50	762.79	.001627	10.00	763.67	.001676
20.00	767.79	.002397	30.00	771.64	.002977
40.00	774.16	.003517	50.00	776.92	.004127
60.00	781.92	.004717	70.00	782.31	.005347
80.00	786.32	.005817	90.00	789.10	.006446
100.00	791.67	.006976	110.00	794.63	.007406
120.00	796.06	.007986			
.50	671.13	.000745	1.00	676.75	.000775
1.50	680.87	.000844	2.00	681.83	.000491
2.50	683.01	.000969	3.00	683.22	.001047
3.50	681.66	.001008	4.00	683.12	.001256
4.50	681.59	.001289	5.00	683.86	.001349
5.50	684.67	.001344	6.00	683.40	.001453
6.50	683.10	.001535	7.00	681.87	.001532
7.50	680.41	.001566	8.00	682.26	.001586
8.50	683.37	.002617	9.00	681.68	.002480
9.50	678.89	.001769	10.00	685.25	.003185
20.00	687.66	.004805	30.00	690.82	.002029
40.00	691.62	.003951	50.00	699.49	.006116
60.00	703.44	.005124	70.00	708.96	.006676
80.00	711.38	.006056	90.00	714.31	.006515
100.00	717.51	.006836	110.00	720.72	.005946
120.00	725.82	.007565	.50	1200.76	.000171
1.00	1245.57	.000351	1.50	1286.89	.000403
2.00	1327.23	.000460	2.50	1366.10	.000603
3.00	1405.01	.000713	3.50	1409.72	.000777
4.00	1395.33	.000859	4.50	1385.04	.000972
5.00	1382.09	.001004	5.50	1379.34	.001102
6.00	1378.62	.001092	6.50	1379.17	.001199
7.00	1384.89	.001225	7.50	1384.75	.001312
8.00	1386.27	.001368	8.50	1390.11	.001397
9.00	1389.96	.001446	9.50	1392.53	.001442
10.00	1391.57	.001538	20.00	1428.82	.002816
30.00	1478.91	.004054	40.00	1531.56	.005182
50.00	202.77	.006870	60.00	1437.79	.007183
70.00	202.77	.008153	80.00	1288.93	.009115

90.00	203.08	.010283	100.00	202.47	.011223
110.00	2068.60	.012206	120.00	202.88	.013213
.50	1779.44	.000221	1.00	1804.02	.000422
1.50	1825.47	.000481	2.00	1848.43	.000448
2.50	1875.28	.000554	3.00	1883.73	.000650
3.50	1927.63	.000696	4.00	1953.80	.000683
4.50	1978.85	.000755	5.00	2002.69	.000862
5.50	2028.68	.000976	6.00	2054.58	.000874
6.50	2078.95	.000934	7.00	2107.62	.001003
7.50	2133.99	.001038	8.00	2158.19	.001061
8.50	2164.59	.001003	9.00	2139.54	.001088
9.50	2126.82	.001189	10.00	2120.65	.001163
20.00	2248.05	.001926	30.00	2455.60	.011286
40.00	2763.92	.012653	.50	2612.35	.000686
1.00	2445.75	.002901	1.50	2536.73	.004985
2.00	2588.85	.006268	2.50	2640.83	.007860
3.00	2691.64	.009822	3.50	2761.48	.011863
4.00	2817.09	.013814	4.50	2732.71	.016417
5.00	2790.76	.018999	5.50	2848.14	.021681
6.00	2905.59	.024312	6.50	2952.00	.027236
7.00	2938.09	.029646	7.50	307.44	1.000000
8.00	320.88	1.000000	8.50	323.61	1.000000
9.00	336.85	1.000000			

DIAMETER 1650 F OXY BIAxIAL TRUE 1978

.50	1914.34	.002013	1.00	1928.06	.003401
1.50	1934.94	.004600	2.00	1942.57	.005839
2.50	1949.87	.006868	3.00	1955.09	.007707
3.50	1958.63	.008797	4.00	1966.51	.009856
4.50	1967.47	.010549	5.00	1971.89	.011535
5.50	1975.53	.012264	6.00	1979.90	.013174
6.50	1983.29	.013913	7.00	1986.52	.014863
7.50	1990.15	.015942	8.00	1995.18	.016842
8.50	2000.86	.017891	9.00	2005.84	.019080
9.50	2009.00	.020050	10.00	2015.72	.021479
20.00	2134.74	.046623	30.00	2323.69	.083487
.50	726.54	.000886	1.00	750.25	.001316
1.50	754.92	.001674	2.00	756.91	.002000
2.50	758.80	.002270	3.00	759.29	.002529
3.50	761.14	.002799	4.00	762.30	.003009
4.50	727.68	.003239	5.00	761.25	.003504
5.50	762.15	.003629	6.00	761.02	.003739
6.50	762.23	.004019	7.00	761.91	.004199
7.50	762.22	.004339	8.00	761.79	.004489
8.50	762.22	.004679	9.00	763.17	.004809
9.50	762.79	.004979	10.00	763.67	.005079
20.00	767.79	.007508	30.00	771.64	.009488
40.00	774.16	.011468	50.00	776.92	.013137
60.00	781.92	.014906	70.00	782.31	.016396
80.00	786.32	.017636	90.00	789.10	.018886
100.00	791.67	.020465	110.00	794.63	.021905
120.00	796.06	.023205			
.50	671.13	.001530	1.00	676.75	.001947
1.50	680.87	.002216	2.00	681.83	.002544
2.50	683.01	.002687	3.00	683.22	.002575
3.50	681.66	.002660	4.00	683.12	.003007
4.50	681.59	.003557	5.00	683.86	.003933
5.50	684.67	.004033	6.00	683.40	.004412
6.50	683.10	.004453	7.00	681.87	.004293
7.50	680.41	.004603	8.00	682.26	.004763
8.50	683.37	.004303	9.00	681.68	.004803
9.50	678.89	.004423	10.00	685.25	.004974
20.00	687.66	.007983	30.00	690.82	.010993
40.00	691.62	.014001	50.00	699.49	.016961
60.00	703.44	.020041	70.00	708.96	.022459
80.00	711.38	.025019	90.00	714.51	.027249
100.00	717.51	.029548	110.00	720.72	.031577
120.00	725.82	.033716	.50	1200.76	.001805
1.00	1245.57	.002831	1.50	1286.89	.003315
2.00	1327.23	.004359	2.50	1366.10	.005253
3.00	1405.01	.005677	3.50	1409.72	.006278
4.00	1395.33	.006610	4.50	1385.04	.007182
5.00	1382.09	.007772	5.50	1379.34	.008343
6.00	1378.62	.008813	6.50	1379.17	.009363
7.00	1384.89	.009901	7.50	1384.75	.010232
8.00	1386.27	.010941	8.50	1390.11	.011691
9.00	1389.96	.011870	9.50	1392.53	.012690
10.00	1391.57	.013220	20.00	1428.82	.024997
30.00	1478.91	.039748	40.00	1531.56	.055691
.50	1779.44	.006444	1.00	1804.02	.006848
1.50	1825.47	.006235	2.00	1848.43	.006352

2.50	1875.28	.007338	3.00	1883.73	.004258
3.50	1927.63	.009371	4.00	1953.80	.010326
4.50	1978.85	.011143	5.00	2002.69	.011939
5.50	2028.68	.012576	6.00	2054.58	.013773
6.50	2078.95	.014939	7.00	2107.62	.015774
7.50	2133.99	.016920	8.00	2158.19	.018017
8.50	2164.59	.019305	9.00	2139.54	.020420
9.50	2126.82	.021231	10.00	2120.65	.022472
20.00	2248.05	.048314	30.00	2459.60	.083725
40.00	2763.92	.136272	.50	2612.35	.000421
1.00	2495.75	.000475	1.50	2536.93	.000651
2.00	2588.85	.000669	2.50	2640.83	.000776
3.00	2691.64	.000757	3.50	2761.48	.000860
4.00	2817.09	.001003	4.50	2732.71	.001060
5.00	2790.76	.001079	5.50	2848.14	.001201
6.00	2905.59	.001231	6.50	2952.00	.001281
7.00	2938.09	.000916	7.50	307.44	.003542
8.00	320.00	.004536	8.50	323.61	.004483
9.00	336.85	.004435			

SPLINE,H2,T100.
ACCOUNT,PBP652,BATNW.
ATTACH(OLDLGO,SPLINELGO,IDEKBSBNW)
OLDLGO.

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*
.01      20.
LENGTH  1650 F OXY BIAxIAL ENGR 1978
2
-4.60500E+00 4.78800E+00 0.      0.      0.      0.      2
2
0.      2.49600E+03 0.      0.      0.      0.      3
0.      2.49600E+03 0.      0.      0.      0.      4
.50      676.75      .000745      1.00      676.75      .000775
1.50      676.75      .000844      2.00      676.75      .000491
2.50      676.75      .000969      3.00      676.75      .001047
3.50      676.75      .001008      4.00      676.75      .001256
4.50      676.75      .001289      5.00      676.75      .001349
5.50      676.75      .001344      6.00      676.75      .001453
6.50      676.75      .001535      7.00      676.75      .001532
7.50      676.75      .001566      8.00      676.75      .001586
8.50      676.75      .002617      9.00      676.75      .002480
9.50      676.75      .001769      10.00     676.75      .003185
20.00     676.75      .004805      30.00     676.75      .002029
40.00     676.75      .003951      50.00     676.75      .006116
60.00     676.75      .005124      70.00     676.75      .006676
80.00     676.75      .006056      90.00     676.75      .006515
100.00    676.75      .006836      110.00    676.75      .005946
120.00    676.75      .007565      .50      1200.76     .000171
.50      750.25      .000460      1.00      750.25      .000575
1.50      750.25      .000614      2.00      750.25      .000702
2.50      750.25      .000811      3.00      750.25      .000871
3.50      750.25      .000909      4.00      750.25      .001057
4.50      750.25      .0039633     5.00      750.25      .001200
5.50      750.25      .001221      6.00      750.25      .001254
6.50      750.25      .001325      7.00      750.25      .001375
7.50      750.25      .001452      8.00      750.25      .001463
8.50      750.25      .001567      9.00      750.25      .001616
9.50      750.25      .001627      10.00     750.25      .001676
20.00     750.25      .002397      30.00     750.25      .002977
40.00     750.25      .003517      50.00     750.25      .004127
60.00     750.25      .004717      70.00     750.25      .005347
80.00     750.25      .005817      90.00     750.25      .006446
100.00    750.25      .006976      110.00    750.25      .007406
120.00    750.25      .007986      0.00      0.00      0.000000
1.00      1245.57     .000351      1.50      1245.57     .000403
2.00      1245.57     .000460      2.50      1245.57     .000603
3.00      1245.57     .000713      3.50      1245.57     .000777
4.00      1245.57     .000859      4.50      1245.57     .000972
5.00      1245.57     .001004      5.50      1245.57     .001102
6.00      1245.57     .001092      6.50      1245.57     .001199
7.00      1245.57     .001225      7.50      1245.57     .001312
8.00      1245.57     .001368      8.50      1245.57     .001397
9.00      1245.57     .001446      9.50      1245.57     .001442
10.00     1245.57     .001538      20.00     1245.57     .002816
30.00     1245.57     .004054      40.00     1245.57     .005182
50.00     1245.57     .006870      60.00     1245.57     .007183
70.00     1245.57     .008153      80.00     1245.57     .009115
90.00     1245.57     .010283     100.00    1245.57     .011223
110.00    1245.57     .012206     120.00    1245.57     .013213
.50      1804.02      .000221      1.00      1804.02      .000422
1.50      1804.02      .000481      2.00      1804.02      .000448

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2.50	1804.02	.000554	3.00	1804.02	.000650
3.50	1804.02	.000696	4.00	1804.02	.000683
4.50	1804.02	.000755	5.00	1804.02	.000862
5.50	1804.02	.000976	6.00	1804.02	.000874
6.50	1804.02	.000934	7.00	1804.02	.001003
7.50	1804.02	.001038	8.00	1804.02	.001061
8.50	1804.02	.001003	9.00	1804.02	.001088
9.50	1804.02	.001169	10.00	1804.02	.001163
20.00	1804.02	.001926	30.00	1804.02	.011286
40.00	1804.02	.012653	.50	2612.35	.000686
.50	1928.06	.000537	1.00	1928.06	.000677
1.50	1928.06	.000822	2.00	1928.06	.000906
2.50	1928.06	.000934	3.00	1928.06	.001024
3.50	1928.06	.001085	4.00	1928.06	.001270
4.50	1928.06	.001282	5.00	1928.06	.001304
5.50	1928.06	.001478	6.00	1928.06	.001635
6.50	1928.06	.001684	7.00	1928.06	.001836
7.50	1928.06	.001948	8.00	1928.06	.002088
8.50	1928.06	.002199	9.00	1928.06	.002339
9.50	1928.06	.002429	10.00	1928.06	.002569
20.00	1928.06	.005047	30.00	1928.06	.007773
20.00	1928.06	.005047	30.00	1928.06	.007773
1.00	2495.75	.002901	1.50	2495.75	.004585
2.00	2495.75	.006268	2.50	2495.75	.007860
3.00	2495.75	.009822	3.50	2495.75	.011863
4.00	2495.75	.013814	4.50	2495.75	.016417
5.00	2495.75	.018999	5.50	2495.75	.021681
6.00	2495.75	.024312	6.50	2495.75	.027236
7.00	2495.75	.029646	0.0	0.0	0.00000

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20.

1650 F

ENGR 1978

0.

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C.

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0.

1

2
3
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5

1.0	500.0	0.000395	2.0	500.0	0.000642
3.0	500.0	0.000745	4.0	500.0	0.000830
5.0	500.0	0.000910	10.0	500.0	0.00122
15.0	500.0	0.00150	20.0	500.0	0.00173
25.0	500.0	0.00192	30.0	500.0	0.00210
35.0	500.0	0.00230	40.0	500.0	0.00245
45.0	500.0	0.00260	50.0	500.0	0.00275
55.0	500.0	0.00290	60.0	500.0	0.00302
65.0	500.0	0.00315	70.0	500.0	0.00325
75.0	500.0	0.00335	80.0	500.0	0.00345
85.0	500.0	0.00356	90.0	500.0	0.00366
95.0	500.0	0.00378	100.0	500.0	0.00387
102.0	500.0	0.00395	104.0	500.0	0.00400
105.0	500.0	0.00400	110.0	500.0	0.00415
106.0	500.0	0.00402	108.0	500.0	0.00408
112.0	500.0	0.00418	114.0	500.0	0.00427
118.0	500.0	0.00431	118.0	500.0	0.00440
115.0	500.0	0.00430	120.0	500.0	0.00448
115.0	500.0	0.00430	120.0	500.0	0.00448
.50	750.25	.000886	1.00	750.25	.001316
1.50	750.25	.001674	2.00	750.25	.002000
2.50	750.25	.002270	3.00	750.25	.002529
3.50	750.25	.002799	4.00	750.25	.003009
4.50	750.25	.003239	5.00	750.25	.003504
5.50	750.25	.003629	6.00	750.25	.003739
6.50	750.25	.004019	7.00	750.25	.004199
7.50	750.25	.004339	8.00	750.25	.004489
8.50	750.25	.004679	9.00	750.25	.004809
9.50	750.25	.004979	10.00	750.25	.005079
9.50	750.25	.004979	10.00	750.25	.005079
20.00	750.25	.007508	30.00	750.25	.009488
40.00	750.25	.011468	50.00	750.25	.013137
60.00	750.25	.014906	70.00	750.25	.016396
80.00	750.25	.017636	90.00	750.25	.018888
100.00	750.25	.020465	110.00	750.25	.021965
120.00	750.25	.023205	0.00	0.00	0.000000
120.00	750.25	.023205	0.00	0.00	0.000000
1.00	1245.57	.002831	1.50	1245.57	.003315
2.00	1245.57	.004359	2.50	1245.57	.005253
3.00	1245.57	.005677	3.50	1245.57	.006278
4.00	1245.57	.006610	4.50	1245.57	.007182
5.00	1245.57	.007772	5.50	1245.57	.008343
6.00	1245.57	.008813	6.50	1245.57	.009363
7.00	1245.57	.009901	7.50	1245.57	.010232
8.00	1245.57	.010941	8.50	1245.57	.011691
9.00	1245.57	.011870	9.50	1245.57	.012690
10.00	1245.57	.013220	20.00	1245.57	.024997
30.00	1245.57	.039748	40.00	1245.57	.055691
30.00	1245.57	.039748	40.00	1245.57	.055691
50.0	1245.57	0.0700	60.0	1245.57	0.0865
70.0	1245.57	0.1025	80.0	1245.57	0.1220
90.0	1245.57	0.1410	100.0	1245.57	0.1620
110.0	1245.57	0.185742	120.0	1245.57	0.210
120.0	1245.57	0.210	0.0	0.0	0.000000
.50	1928.06	.002013	1.00	1928.06	.003401
1.50	1928.06	.004600	2.00	1928.06	.005839
2.50	1928.06	.006868	3.00	1928.06	.007707
3.50	1928.06	.008797	4.00	1928.06	.009856
4.50	1928.06	.010545	5.00	1928.06	.011535
5.50	1928.06	.012264	6.00	1928.06	.013174

6.50	1928.06	.013913	7.00	1928.06	.014863
7.50	1928.06	.015942	8.00	1928.06	.016842
8.50	1928.06	.017891	9.00	1928.06	.019080
9.50	1928.06	.020050	10.00	1928.06	.021479
20.0	1928.06	0.0462	0.0	0.0	0.000000
30.0	1928.06	0.074	40.0	1928.06	0.110
50.0	1928.06	0.153	60.0	1928.06	0.210
70.0	1928.06	0.270	80.0	1928.06	0.344
90.0	1928.06	0.412	100.0	1928.06	0.490
110.0	1928.06	0.570	120.0	1928.06	0.655
1.0	2600.0	.0063	2.0	2600.0	0.0092
4.0	2600.0	0.0148	6.0	2600.0	0.0215
8.0	2600.0	0.0300	10.0	2600.0	0.0395
20.0	2600.0	.102	30.0	2600.0	.2085
20.0	2600.0	.102	30.0	2600.0	.2085
40.0	2600.0	.335	50.0	2600.0	.508
60.0	2600.0	.660	70.0	2600.0	0.940
80.0	2600.0	1.12	90.0	2600.0	1.500
100.0	2600.0	1.8000	110.0	2600.0	2.200
120.0	2600.0	2.560	0.0	0.0	.00000

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	100.	.1516E-05		.3913E-05	.387	-1.633
2.	100.	.1661E-05		.4300E-05	.386	-1.629
3.	100.	.1748E-05		.4576E-05	.382	-1.614
4.	100.	.1810E-05		.4810E-05	.376	-1.604
5.	100.	.1858E-05		.5021E-05	.370	-1.588
10.	100.	.2005E-05		.5922E-05	.339	-1.512
15.	100.	.2086E-05		.6706E-05	.311	-1.452
20.	100.	.2141E-05		.7436E-05	.288	-1.404
25.	100.	.2182E-05		.8136E-05	.268	-1.366
30.	100.	.2213E-05		.8615E-05	.251	-1.335
35.	100.	.2239E-05		.9481E-05	.236	-1.309
40.	100.	.2260E-05		.1014E-04	.223	-1.287
45.	100.	.2277E-05		.1079E-04	.211	-1.268
50.	100.	.2293E-05		.1144E-04	.200	-1.251
55.	100.	.2306E-05		.1208E-04	.191	-1.238
60.	100.	.2317E-05		.1264E-04	.183	-1.223
65.	100.	.2328E-05		.1325E-04	.176	-1.213
70.	100.	.2337E-05		.1376E-04	.170	-1.205
75.	100.	.2345E-05		.1414E-04	.165	-1.198
80.	100.	.2352E-05		.1454E-04	.162	-1.193
85.	100.	.2358E-05		.1481E-04	.159	-1.189
90.	100.	.2364E-05		.1500E-04	.158	-1.187
95.	100.	.2370E-05		.1512E-04	.157	-1.186
100.	100.	.2375E-05		.1516E-04	.157	-1.186
105.	100.	.2379E-05		.1513E-04	.157	-1.187
110.	100.	.2383E-05		.1503E-04	.159	-1.188
115.	100.	.2387E-05		.1488E-04	.160	-1.191
120.	100.	.2390E-05		.1467E-04	.163	-1.195

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	200.	.2684E-05		.1641E-04	.164	-1.196
2.	200.	.3209E-05		.2052E-04	.156	-1.185
3.	200.	.3546E-05		.2324E-04	.153	-1.180
4.	200.	.3796E-05		.2538E-04	.150	-1.176
5.	200.	.3996E-05		.2718E-04	.147	-1.172
10.	200.	.4634E-05		.3395E-04	.136	-1.158
15.	200.	.5010E-05		.3911E-04	.128	-1.147
20.	200.	.5271E-05		.4354E-04	.121	-1.138
25.	200.	.5468E-05		.4756E-04	.115	-1.130
30.	200.	.5623E-05		.5131E-04	.110	-1.123
35.	200.	.5750E-05		.5486E-04	.105	-1.117
40.	200.	.5857E-05		.5824E-04	.101	-1.112
45.	200.	.5947E-05		.6154E-04	.097	-1.107
50.	200.	.6025E-05		.6473E-04	.093	-1.103
55.	200.	.6093E-05		.6784E-04	.090	-1.099
60.	200.	.6152E-05		.7082E-04	.087	-1.095
65.	200.	.6205E-05		.7363E-04	.084	-1.092
70.	200.	.6253E-05		.7624E-04	.082	-1.089
75.	200.	.6295E-05		.7865E-04	.080	-1.087
80.	200.	.6333E-05		.8083E-04	.078	-1.085
85.	200.	.6367E-05		.8279E-04	.077	-1.083
90.	200.	.6398E-05		.8453E-04	.076	-1.082
95.	200.	.6427E-05		.8604E-04	.075	-1.081
100.	200.	.6453E-05		.8734E-04	.074	-1.080
105.	200.	.6476E-05		.8843E-04	.073	-1.079
110.	200.	.6498E-05		.8931E-04	.073	-1.078
115.	200.	.6518E-05		.9001E-04	.072	-1.078
120.	200.	.6536E-05		.9052E-04	.072	-1.078

1650 F BIAXIAL DXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	300.	.4424E-05		.5426E-04	.085	-1.093
2.	300.	.6006E-05		.7525E-04	.080	-1.087
3.	300.	.6951E-05		.8964E-04	.078	-1.084
4.	300.	.7682E-05		.1010E-03	.076	-1.082
5.	300.	.8280E-05		.1105E-03	.075	-1.081
10.	300.	.1029E-04		.1451E-03	.071	-1.076
15.	300.	.1153E-04		.1701E-03	.068	-1.073
20.	300.	.1242E-04		.1908E-03	.065	-1.070
25.	300.	.1311E-04		.2089E-03	.063	-1.067
30.	300.	.1366E-04		.2254E-03	.061	-1.065
35.	300.	.1412E-04		.2406E-03	.059	-1.062
40.	300.	.1450E-04		.2549E-03	.057	-1.060
45.	300.	.1483E-04		.2684E-03	.055	-1.058
50.	300.	.1512E-04		.2814E-03	.054	-1.057
55.	300.	.1537E-04		.2938E-03	.052	-1.055
60.	300.	.1559E-04		.3058E-03	.051	-1.054
65.	300.	.1579E-04		.3175E-03	.050	-1.052
70.	300.	.1596E-04		.3287E-03	.049	-1.051
75.	300.	.1612E-04		.3396E-03	.047	-1.050
80.	300.	.1626E-04		.3502E-03	.046	-1.049
85.	300.	.1649E-04		.3604E-03	.045	-1.048
90.	300.	.1651E-04		.3705E-03	.045	-1.047
95.	300.	.1662E-04		.3802E-03	.044	-1.046
100.	300.	.1672E-04		.3897E-03	.043	-1.045
105.	300.	.1681E-04		.3990E-03	.042	-1.044
110.	300.	.1689E-04		.4080E-03	.041	-1.043
115.	300.	.1697E-04		.4169E-03	.041	-1.042
120.	300.	.1704E-04		.4255E-03	.040	-1.042

1650 F BIAXIAL DXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	400.	.7746E-05		.1447E-03	.054	-1.057
2.	400.	.1069E-04		.2174E-03	.050	-1.053
3.	400.	.1317E-04		.2695E-03	.049	-1.051
4.	400.	.1500E-04		.3112E-03	.048	-1.051
5.	400.	.1653E-04		.3465E-03	.048	-1.050
10.	400.	.2193E-04		.4755E-03	.046	-1.048
15.	400.	.2545E-04		.5680E-03	.045	-1.047
20.	400.	.2804E-04		.6433E-03	.044	-1.046
25.	400.	.3007E-04		.7086E-03	.042	-1.044
30.	400.	.3173E-04		.7671E-03	.041	-1.043
35.	400.	.3311E-04		.8207E-03	.040	-1.042
40.	400.	.3429E-04		.8706E-03	.039	-1.041
45.	400.	.3531E-04		.9176E-03	.038	-1.040
50.	400.	.3620E-04		.9621E-03	.038	-1.039
55.	400.	.3699E-04		.1005E-02	.037	-1.038
60.	400.	.3768E-04		.1046E-02	.036	-1.037
65.	400.	.3830E-04		.1087E-02	.035	-1.037
70.	400.	.3886E-04		.1127E-02	.034	-1.036
75.	400.	.3937E-04		.1166E-02	.034	-1.035
80.	400.	.3983E-04		.1209E-02	.033	-1.034
85.	400.	.4024E-04		.1250E-02	.032	-1.033
90.	400.	.4062E-04		.1292E-02	.031	-1.032
95.	400.	.4097E-04		.1335E-02	.031	-1.032
100.	400.	.4128E-04		.1378E-02	.030	-1.031
105.	400.	.4157E-04		.1423E-02	.029	-1.030
110.	400.	.4184E-04		.1469E-02	.028	-1.029
115.	400.	.4209E-04		.1515E-02	.028	-1.029
120.	400.	.4251E-04		.1563E-02	.027	-1.028

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	500.	.1262E-04		.3181E-03	.040	-1.041
2.	500.	.1911E-04		.5075E-03	.038	-1.039
3.	500.	.2409E-04		.6483E-03	.037	-1.039
4.	500.	.2823E-04		.7633E-03	.037	-1.038
5.	500.	.3180E-04		.8418E-03	.037	-1.038
10.	500.	.4489E-04		.1224E-02	.037	-1.038
15.	500.	.5382E-04		.1496E-02	.036	-1.037
20.	500.	.6058E-04		.1715E-02	.035	-1.037
25.	500.	.6598E-04		.1906E-02	.035	-1.036
30.	500.	.7044E-04		.2077E-02	.034	-1.035
35.	500.	.7421E-04		.2235E-02	.033	-1.034
40.	500.	.7744E-04		.2382E-02	.033	-1.034
45.	500.	.8026E-04		.2520E-02	.032	-1.033
50.	500.	.8274E-04		.2651E-02	.031	-1.032
55.	500.	.8493E-04		.2777E-02	.031	-1.032
60.	500.	.8687E-04		.2900E-02	.030	-1.031
65.	500.	.8864E-04		.3022E-02	.027	-1.030
70.	500.	.9023E-04		.3145E-02	.029	-1.030
75.	500.	.9166E-04		.3271E-02	.028	-1.029
80.	500.	.9296E-04		.3394E-02	.027	-1.028
85.	500.	.9415E-04		.3531E-02	.027	-1.027
90.	500.	.9523E-04		.3668E-02	.026	-1.027
95.	500.	.9623E-04		.3804E-02	.025	-1.026
100.	500.	.9714E-04		.3955E-02	.025	-1.025
105.	500.	.9797E-04		.4108E-02	.024	-1.024
110.	500.	.9874E-04		.4266E-02	.023	-1.024
115.	500.	.9946E-04		.4431E-02	.022	-1.023
120.	500.	.1001E-03		.4602E-02	.022	-1.022

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	600.	.1499E-04		.5897E-03	.034	-1.035
2.	600.	.3247E-04		.9815E-03	.033	-1.034
3.	600.	.4259E-04		.1282E-02	.033	-1.034
4.	600.	.5127E-04		.1531E-02	.033	-1.033
5.	600.	.5893E-04		.1748E-02	.034	-1.035
10.	600.	.8420E-04		.2576E-02	.034	-1.035
15.	600.	.1090E-03		.3197E-02	.034	-1.035
20.	600.	.1252E-03		.3717E-02	.034	-1.035
25.	600.	.1384E-03		.4177E-02	.033	-1.034
30.	600.	.1494E-03		.4596E-02	.033	-1.034
35.	600.	.1588E-03		.4985E-02	.032	-1.033
40.	600.	.1670E-03		.5350E-02	.031	-1.032
45.	600.	.1741E-03		.5698E-02	.031	-1.032
50.	600.	.1804E-03		.6031E-02	.030	-1.031
55.	600.	.1860E-03		.6353E-02	.029	-1.030
60.	600.	.1911E-03		.6669E-02	.029	-1.029
65.	600.	.1956E-03		.6984E-02	.028	-1.029
70.	600.	.1997E-03		.7304E-02	.027	-1.028
75.	600.	.2034E-03		.7630E-02	.027	-1.027
80.	600.	.2068E-03		.7964E-02	.026	-1.027
85.	600.	.2099E-03		.8310E-02	.025	-1.026
90.	600.	.2127E-03		.8668E-02	.025	-1.025
95.	600.	.2153E-03		.9039E-02	.024	-1.024
100.	600.	.2177E-03		.9425E-02	.023	-1.024
105.	600.	.2199E-03		.9828E-02	.022	-1.023
110.	600.	.2220E-03		.1025E-01	.022	-1.022
115.	600.	.2239E-03		.1068E-01	.021	-1.021
120.	600.	.2256E-03		.1114E-01	.020	-1.021

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TM
1.	700.	.3080E-04		.9027E-03	.033	-1.034
2.	700.	.5343E-04		.1613E-02	.033	-1.034
3.	700.	.7272E-04		.2138E-02	.034	-1.035
4.	700.	.8977E-04		.2581E-02	.035	-1.036
5.	700.	.1052E-03		.2972E-02	.035	-1.037
10.	700.	.1663E-03		.4507E-02	.037	-1.038
15.	700.	.2114E-03		.5701E-02	.037	-1.039
20.	700.	.2477E-03		.6731E-02	.037	-1.038
25.	700.	.2775E-03		.7663E-02	.036	-1.036
30.	700.	.3028E-03		.8527E-02	.036	-1.037
35.	700.	.3246E-03		.9344E-02	.035	-1.036
40.	700.	.3436E-03		.1012E-01	.034	-1.035
45.	700.	.3603E-03		.1088E-01	.033	-1.034
50.	700.	.3752E-03		.1160E-01	.032	-1.033
55.	700.	.3885E-03		.1232E-01	.032	-1.033
60.	700.	.4005E-03		.1302E-01	.031	-1.032
65.	700.	.4114E-03		.1372E-01	.030	-1.031
70.	700.	.4212E-03		.1444E-01	.029	-1.030
75.	700.	.4302E-03		.1516E-01	.028	-1.029
80.	700.	.4383E-03		.1590E-01	.028	-1.028
85.	700.	.4454E-03		.1666E-01	.027	-1.027
90.	700.	.4527E-03		.1744E-01	.026	-1.027
95.	700.	.4590E-03		.1825E-01	.025	-1.026
100.	700.	.4648E-03		.1909E-01	.024	-1.025
105.	700.	.4702E-03		.1995E-01	.024	-1.024
110.	700.	.4752E-03		.2085E-01	.023	-1.023
115.	700.	.4798E-03		.2178E-01	.022	-1.023
120.	700.	.4840E-03		.2275E-01	.021	-1.022

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TM
1.	800.	.4611E-04		.1529E-02	.035	-1.036
2.	800.	.8510E-04		.2308E-02	.037	-1.038
3.	800.	.1199E-03		.3088E-02	.039	-1.040
4.	800.	.1515E-03		.3757E-02	.040	-1.042
5.	800.	.1807E-03		.4353E-02	.042	-1.043
10.	800.	.3009E-03		.6766E-02	.044	-1.047
15.	800.	.3934E-03		.8724E-02	.045	-1.047
20.	800.	.4688E-03		.1047E-01	.045	-1.047
25.	800.	.5320E-03		.1209E-01	.044	-1.046
30.	800.	.5861E-03		.1363E-01	.043	-1.045
35.	800.	.6332E-03		.1511E-01	.042	-1.044
40.	800.	.6746E-03		.1655E-01	.041	-1.042
45.	800.	.7113E-03		.1796E-01	.040	-1.041
50.	800.	.7442E-03		.1935E-01	.038	-1.040
55.	800.	.7737E-03		.2072E-01	.037	-1.039
60.	800.	.8003E-03		.2209E-01	.036	-1.038
65.	800.	.8245E-03		.2346E-01	.035	-1.036
70.	800.	.8465E-03		.2484E-01	.034	-1.035
75.	800.	.8666E-03		.2623E-01	.033	-1.034
80.	800.	.8850E-03		.2765E-01	.032	-1.033
85.	800.	.9019E-03		.2910E-01	.031	-1.032
90.	800.	.9174E-03		.3058E-01	.030	-1.031
95.	800.	.9317E-03		.3208E-01	.029	-1.030
100.	800.	.9449E-03		.3363E-01	.028	-1.029
105.	800.	.9571E-03		.3521E-01	.027	-1.028
110.	800.	.9684E-03		.3682E-01	.026	-1.027
115.	800.	.9788E-03		.3849E-01	.025	-1.026
120.	800.	.9885E-03		.4019E-01	.025	-1.025

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	900.	.6712E-04		.1689E-02	.040	-1.041
2.	900.	.1312E-03		.2951E-02	.044	-1.047
3.	900.	.1909E-03		.3968E-02	.048	-1.051
4.	900.	.2466E-03		.4850E-02	.051	-1.054
5.	900.	.2990E-03		.5646E-02	.053	-1.056
10.	900.	.5221E-03		.8966E-02	.058	-1.062
15.	900.	.7003E-03		.1178E-01	.059	-1.061
20.	900.	.8483E-03		.1437E-01	.059	-1.063
25.	900.	.9743E-03		.1684E-01	.058	-1.061
30.	900.	.1083E-02		.1925E-01	.056	-1.060
35.	900.	.1179E-02		.2162E-01	.055	-1.058
40.	900.	.1264E-02		.2396E-01	.053	-1.056
45.	900.	.1339E-02		.2630E-01	.051	-1.054
50.	900.	.1407E-02		.2861E-01	.049	-1.052
55.	900.	.1468E-02		.3097E-01	.047	-1.050
60.	900.	.1524E-02		.3331E-01	.046	-1.048
65.	900.	.1574E-02		.3577E-01	.044	-1.046
70.	900.	.1621E-02		.3805E-01	.043	-1.044
75.	900.	.1663E-02		.4044E-01	.041	-1.043
80.	900.	.1702E-02		.4286E-01	.040	-1.041
85.	900.	.1737E-02		.4529E-01	.038	-1.040
90.	900.	.1770E-02		.4775E-01	.037	-1.038
95.	900.	.1800E-02		.5023E-01	.036	-1.037
100.	900.	.1828E-02		.5274E-01	.035	-1.036
105.	900.	.1854E-02		.5527E-01	.034	-1.035
110.	900.	.1878E-02		.5783E-01	.032	-1.034
115.	900.	.1900E-02		.6042E-01	.031	-1.032
120.	900.	.1921E-02		.6303E-01	.030	-1.031

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1000.	.9497E-04		.1978E-02	.048	-1.050
2.	1000.	.1957E-03		.3456E-02	.057	-1.060
3.	1000.	.2933E-03		.4456E-02	.063	-1.067
4.	1000.	.3868E-03		.5708E-02	.068	-1.073
5.	1000.	.4761E-03		.6668E-02	.071	-1.077
10.	1000.	.8692E-03		.1079E-01	.081	-1.088
15.	1000.	.1193E-02		.1443E-01	.083	-1.090
20.	1000.	.1468E-02		.1790E-01	.082	-1.089
25.	1000.	.1705E-02		.2130E-01	.080	-1.087
30.	1000.	.1912E-02		.2469E-01	.077	-1.084
35.	1000.	.2095E-02		.2809E-01	.075	-1.081
40.	1000.	.2258E-02		.3152E-01	.072	-1.077
45.	1000.	.2404E-02		.3500E-01	.069	-1.074
50.	1000.	.2536E-02		.3853E-01	.066	-1.070
55.	1000.	.2656E-02		.4211E-01	.063	-1.067
60.	1000.	.2764E-02		.4573E-01	.060	-1.064
65.	1000.	.2864E-02		.4940E-01	.058	-1.062
70.	1000.	.2955E-02		.5308E-01	.056	-1.059
75.	1000.	.3038E-02		.5679E-01	.053	-1.057
80.	1000.	.3115E-02		.6051E-01	.051	-1.054
85.	1000.	.3185E-02		.6423E-01	.050	-1.052
90.	1000.	.3251E-02		.6795E-01	.048	-1.050
95.	1000.	.3311E-02		.7166E-01	.046	-1.048
100.	1000.	.3367E-02		.7537E-01	.045	-1.047
105.	1000.	.3418E-02		.7906E-01	.043	-1.045
110.	1000.	.3466E-02		.8274E-01	.042	-1.044
115.	1000.	.3511E-02		.8639E-01	.041	-1.042
120.	1000.	.3552E-02		.9003E-01	.039	-1.041

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1100.	.1106E-03	.2185E-02	.060	-1.064
2.	1100.	.2825E-03	.3801E-02	.074	-1.080
3.	1100.	.4351E-03	.5127E-02	.085	-1.093
4.	1100.	.5846E-03	.6291E-02	.093	-1.102
5.	1100.	.7294E-03	.7368E-02	.099	-1.110
10.	1100.	.1388E-02	.1213E-01	.114	-1.129
15.	1100.	.1947E-02	.1650E-01	.118	-1.134
20.	1100.	.2428E-02	.2080E-01	.117	-1.132
25.	1100.	.2849E-02	.2512E-01	.113	-1.128
30.	1100.	.3220E-02	.2952E-01	.109	-1.122
35.	1100.	.3551E-02	.3402E-01	.104	-1.117
40.	1100.	.3847E-02	.3865E-01	.100	-1.111
45.	1100.	.4114E-02	.4340E-01	.095	-1.105
50.	1100.	.4356E-02	.4830E-01	.090	-1.099
55.	1100.	.4576E-02	.5333E-01	.086	-1.094
60.	1100.	.4776E-02	.5848E-01	.082	-1.089
65.	1100.	.4960E-02	.6371E-01	.078	-1.084
70.	1100.	.5129E-02	.6898E-01	.074	-1.080
75.	1100.	.5284E-02	.7429E-01	.071	-1.077
80.	1100.	.5427E-02	.7959E-01	.068	-1.073
85.	1100.	.5558E-02	.8487E-01	.065	-1.070
90.	1100.	.5680E-02	.9012E-01	.063	-1.067
95.	1100.	.5793E-02	.9532E-01	.061	-1.065
100.	1100.	.5898E-02	.1005E+00	.059	-1.062
105.	1100.	.5995E-02	.1055E+00	.057	-1.060
110.	1100.	.6085E-02	.1105E+00	.055	-1.058
115.	1100.	.6169E-02	.1153E+00	.053	-1.057
120.	1100.	.6247E-02	.1201E+00	.052	-1.055

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1200.	.1745E-03	.2327E-02	.075	-1.081
2.	1200.	.3946E-03	.4026E-02	.098	-1.109
3.	1200.	.6229E-03	.5424E-02	.115	-1.130
4.	1200.	.8513E-03	.6672E-02	.128	-1.146
5.	1200.	.1076E-02	.7833E-02	.137	-1.159
10.	1200.	.2124E-02	.1310E-01	.162	-1.194
15.	1200.	.3039E-02	.1811E-01	.168	-1.202
20.	1200.	.3840E-02	.2317E-01	.166	-1.199
25.	1200.	.4547E-02	.2838E-01	.160	-1.191
30.	1200.	.5177E-02	.3378E-01	.153	-1.181
35.	1200.	.5741E-02	.3941E-01	.146	-1.171
40.	1200.	.6249E-02	.4527E-01	.138	-1.160
45.	1200.	.6709E-02	.5140E-01	.131	-1.150
50.	1200.	.7127E-02	.5778E-01	.123	-1.141
55.	1200.	.7509E-02	.6443E-01	.117	-1.132
60.	1200.	.7859E-02	.7128E-01	.110	-1.124
65.	1200.	.8179E-02	.7830E-01	.104	-1.117
70.	1200.	.8474E-02	.8541E-01	.099	-1.110
75.	1200.	.8746E-02	.9257E-01	.094	-1.104
80.	1200.	.8997E-02	.9974E-01	.090	-1.099
85.	1200.	.9229E-02	.1069E+00	.086	-1.095
90.	1200.	.9444E-02	.1140E+00	.083	-1.090
95.	1200.	.9643E-02	.1209E+00	.080	-1.087
100.	1200.	.9828E-02	.1278E+00	.077	-1.083
105.	1200.	.1000E+01	.1345E+00	.074	-1.080
110.	1200.	.1016E+01	.1411E+00	.072	-1.078
115.	1200.	.1031E+01	.1474E+00	.070	-1.075
120.	1200.	.1045E+01	.1536E+00	.068	-1.073

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1300.	.2205E-03		.2442E-02	.093	-1.102
2.	1300.	.5331E-03		.4210E-02	.127	-1.145
3.	1300.	.8606E-03		.5673E-02	.152	-1.179
4.	1300.	.1194E-02		.6991E-02	.171	-1.206
5.	1300.	.1527E-02		.8229E-02	.186	-1.228
10.	1300.	.3117E-02		.1390E-01	.223	-1.287
15.	1300.	.4539E-02		.1960E-01	.232	-1.301
20.	1300.	.5802E-02		.2541E-01	.228	-1.296
25.	1300.	.6929E-02		.3152E-01	.220	-1.282
30.	1300.	.7939E-02		.3796E-01	.209	-1.264
35.	1300.	.8850E-02		.4476E-01	.198	-1.246
40.	1300.	.9675E-02		.5195E-01	.186	-1.229
45.	1300.	.1042E-01		.5954E-01	.175	-1.212
50.	1300.	.1111E-01		.6754E-01	.164	-1.197
55.	1300.	.1173E-01		.7596E-01	.154	-1.183
60.	1300.	.1231E-01		.8473E-01	.145	-1.170
65.	1300.	.1284E-01		.9376E-01	.137	-1.154
70.	1300.	.1332E-01		.1030E+00	.129	-1.149
75.	1300.	.1377E-01		.1123E+00	.123	-1.140
80.	1300.	.1419E-01		.1217E+00	.117	-1.132
85.	1300.	.1458E-01		.1311E+00	.111	-1.125
90.	1300.	.1493E-01		.1404E+00	.106	-1.119
95.	1300.	.1526E-01		.1497E+00	.102	-1.114
100.	1300.	.1557E-01		.1588E+00	.098	-1.109
105.	1300.	.1586E-01		.1677E+00	.095	-1.104
110.	1300.	.1613E-01		.1763E+00	.091	-1.101
115.	1300.	.1638E-01		.1848E+00	.089	-1.097
120.	1300.	.1661E-01		.1929E+00	.086	-1.094

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1400.	.2957E-03		.2552E-02	.112	-1.126
2.	1400.	.6966E-03		.4396E-02	.158	-1.188
3.	1400.	.1147E-02		.5935E-02	.193	-1.240
4.	1400.	.1614E-02		.7333E-02	.220	-1.282
5.	1400.	.2085E-02		.8655E-02	.241	-1.317
10.	1400.	.4384E-02		.1490E-01	.294	-1.417
15.	1400.	.6485E-02		.2120E-01	.306	-1.441
20.	1400.	.8376E-02		.2763E-01	.301	-1.431
25.	1400.	.1008E-01		.3489E-01	.289	-1.406
30.	1400.	.1161E-01		.4245E-01	.274	-1.377
35.	1400.	.1301E-01		.5052E-01	.257	-1.347
40.	1400.	.1427E-01		.5915E-01	.241	-1.318
45.	1400.	.1543E-01		.6834E-01	.226	-1.292
50.	1400.	.1649E-01		.7813E-01	.211	-1.267
55.	1400.	.1746E-01		.8851E-01	.197	-1.246
60.	1400.	.1835E-01		.9941E-01	.185	-1.226
65.	1400.	.1917E-01		.1107E+00	.173	-1.209
70.	1400.	.1993E-01		.1224E+00	.163	-1.195
75.	1400.	.2064E-01		.1343E+00	.154	-1.182
80.	1400.	.2129E-01		.1463E+00	.145	-1.170
85.	1400.	.2189E-01		.1585E+00	.138	-1.160
90.	1400.	.2245E-01		.1707E+00	.132	-1.151
95.	1400.	.2297E-01		.1828E+00	.126	-1.144
100.	1400.	.2346E-01		.1949E+00	.120	-1.137
105.	1400.	.2391E-01		.2067E+00	.116	-1.131
110.	1400.	.2433E-01		.2184E+00	.111	-1.125
115.	1400.	.2472E-01		.2299E+00	.108	-1.121
120.	1400.	.2509E-01		.2410E+00	.104	-1.116

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1500.	.3500E-03		.2657E-02	.132	-1.152
2.	1500.	.8804E-03		.4588E-02	.192	-1.237
3.	1500.	.1475E-02		.6214E-02	.237	-1.311
4.	1500.	.2100E-02		.7703E-02	.273	-1.375
5.	1500.	.2738E-02		.9122E-02	.300	-1.429
10.	1500.	.5408E-02		.1594E-01	.371	-1.584
15.	1500.	.8861E-02		.2296E-01	.386	-1.628
20.	1500.	.1155E-01		.3047E-01	.379	-1.611
25.	1500.	.1349E-01		.3857E-01	.363	-1.569
30.	1500.	.1620E-01		.4733E-01	.342	-1.521
35.	1500.	.1822E-01		.5679E-01	.321	-1.472
40.	1500.	.2006E-01		.6697E-01	.300	-1.428
45.	1500.	.2175E-01		.7792E-01	.279	-1.387
50.	1500.	.2330E-01		.8966E-01	.260	-1.351
55.	1500.	.2472E-01		.1022E+00	.242	-1.319
60.	1500.	.2603E-01		.1155E+00	.225	-1.291
65.	1500.	.2724E-01		.1293E+00	.211	-1.267
70.	1500.	.2836E-01		.1436E+00	.197	-1.246
75.	1500.	.2940E-01		.1586E+00	.185	-1.227
80.	1500.	.3036E-01		.1739E+00	.175	-1.212
85.	1500.	.3126E-01		.1894E+00	.165	-1.198
90.	1500.	.3209E-01		.2051E+00	.156	-1.186
95.	1500.	.3287E-01		.2209E+00	.149	-1.175
100.	1500.	.3359E-01		.2368E+00	.142	-1.165
105.	1500.	.3426E-01		.2527E+00	.136	-1.157
110.	1500.	.3489E-01		.2685E+00	.130	-1.149
115.	1500.	.3547E-01		.2842E+00	.125	-1.143
120.	1500.	.3602E-01		.2997E+00	.120	-1.137

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1600.	.4165E-03		.2757E-02	.151	-1.178
2.	1600.	.1076E-02		.4788E-02	.225	-1.290
3.	1600.	.1830E-02		.6514E-02	.281	-1.391
4.	1600.	.2631E-02		.8108E-02	.325	-1.480
5.	1600.	.3457E-02		.9638E-02	.359	-1.559
10.	1600.	.7629E-02		.1710E-01	.446	-1.805
15.	1600.	.1158E-01		.2492E-01	.465	-1.868
20.	1600.	.1521E-01		.3339E-01	.455	-1.836
25.	1600.	.1853E-01		.4264E-01	.435	-1.789
30.	1600.	.2156E-01		.5272E-01	.409	-1.692
35.	1600.	.2432E-01		.6368E-01	.382	-1.618
40.	1600.	.2686E-01		.7558E-01	.355	-1.551
45.	1600.	.2919E-01		.8844E-01	.330	-1.493
50.	1600.	.3133E-01		.1023E+00	.306	-1.441
55.	1600.	.3330E-01		.1172E+00	.284	-1.397
60.	1600.	.3513E-01		.1331E+00	.264	-1.359
65.	1600.	.3681E-01		.1498E+00	.246	-1.326
70.	1600.	.3838E-01		.1674E+00	.229	-1.297
75.	1600.	.3983E-01		.1857E+00	.214	-1.273
80.	1600.	.4117E-01		.2047E+00	.201	-1.252
85.	1600.	.4243E-01		.2242E+00	.189	-1.233
90.	1600.	.4359E-01		.2442E+00	.179	-1.217
95.	1600.	.4468E-01		.2646E+00	.169	-1.203
100.	1600.	.4569E-01		.2854E+00	.160	-1.191
105.	1600.	.4663E-01		.3065E+00	.152	-1.179
110.	1600.	.4752E-01		.3279E+00	.145	-1.169
115.	1600.	.4834E-01		.3491E+00	.138	-1.161
120.	1600.	.4911E-01		.3709E+00	.132	-1.153

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	H	TR
1.	1700.	.4814E-03		.2852E-02	.169	-1.203
2.	1700.	.1271E-02		.4995E-02	.254	-1.341
3.	1700.	.2189E-02		.6833E-02	.320	-1.471
4.	1700.	.3174E-02		.8555E-02	.371	-1.590
5.	1700.	.4198E-02		.1021E-01	.411	-1.698
10.	1700.	.9436E-02		.1841E-01	.512	-2.051
15.	1700.	.1446E-01		.2713E-01	.533	-2.142
20.	1700.	.1913E-01		.3669E-01	.521	-2.089
25.	1700.	.2341E-01		.4720E-01	.496	-1.984
30.	1700.	.2733E-01		.5874E-01	.465	-1.870
35.	1700.	.3094E-01		.7138E-01	.433	-1.765
40.	1700.	.3424E-01		.8516E-01	.402	-1.673
45.	1700.	.3729E-01		.1001E+00	.372	-1.593
50.	1700.	.4010E-01		.1164E+00	.345	-1.526
55.	1700.	.4269E-01		.1339E+00	.319	-1.468
60.	1700.	.4509E-01		.1526E+00	.295	-1.419
65.	1700.	.4731E-01		.1726E+00	.274	-1.378
70.	1700.	.4937E-01		.1937E+00	.255	-1.342
75.	1700.	.5128E-01		.2160E+00	.237	-1.311
80.	1700.	.5306E-01		.2393E+00	.222	-1.285
85.	1700.	.5472E-01		.2635E+00	.208	-1.262
90.	1700.	.5626E-01		.2888E+00	.195	-1.242
95.	1700.	.5770E-01		.3149E+00	.183	-1.224
100.	1700.	.5904E-01		.3419E+00	.173	-1.209
105.	1700.	.6030E-01		.3697E+00	.163	-1.195
110.	1700.	.6147E-01		.3982E+00	.154	-1.183
115.	1700.	.6256E-01		.4274E+00	.146	-1.171
120.	1700.	.6358E-01		.4573E+00	.139	-1.161

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	H	TR
1.	1800.	.5403E-03		.2943E-02	.184	-1.225
2.	1800.	.1452E-02		.5213E-02	.279	-1.386
3.	1800.	.2525E-02		.7191E-02	.351	-1.541
4.	1800.	.3687E-02		.9050E-02	.407	-1.687
5.	1800.	.4900E-02		.1086E-01	.451	-1.822
10.	1800.	.1118E-01		.1991E-01	.562	-2.281
15.	1800.	.1727E-01		.2967E-01	.582	-2.394
20.	1800.	.2296E-01		.4045E-01	.568	-2.313
25.	1800.	.2821E-01		.5240E-01	.538	-2.166
30.	1800.	.3303E-01		.6559E-01	.504	-2.015
35.	1800.	.3748E-01		.8011E-01	.468	-1.879
40.	1800.	.4157E-01		.9601E-01	.433	-1.763
45.	1800.	.4534E-01		.1134E+00	.400	-1.666
50.	1800.	.4882E-01		.1322E+00	.369	-1.585
55.	1800.	.5204E-01		.1527E+00	.341	-1.517
60.	1800.	.5502E-01		.1747E+00	.315	-1.460
65.	1800.	.5779E-01		.1982E+00	.291	-1.411
70.	1800.	.6036E-01		.2234E+00	.270	-1.370
75.	1800.	.6275E-01		.2502E+00	.251	-1.335
80.	1800.	.6497E-01		.2785E+00	.233	-1.304
85.	1800.	.6704E-01		.3084E+00	.217	-1.278
90.	1800.	.6897E-01		.3399E+00	.203	-1.255
95.	1800.	.7078E-01		.3730E+00	.190	-1.234
100.	1800.	.7246E-01		.4076E+00	.178	-1.216
105.	1800.	.7403E-01		.4438E+00	.167	-1.200
110.	1800.	.7550E-01		.4816E+00	.157	-1.186
115.	1800.	.7687E-01		.5209E+00	.148	-1.173
120.	1800.	.7816E-01		.5618E+00	.139	-1.162

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	1900.	.5488E+03	.3028E+02	.194	-1.241
2.	1900.	.1603E+02	.5442E+02	.295	-1.418
3.	1900.	.2A04E+02	.7578E+02	.371	-1.589
4.	1900.	.4121E+02	.9603E+02	.429	-1.752
5.	1900.	.5497E+02	.1159E+01	.475	-1.903
10.	1900.	.1268E+01	.2163E+01	.586	-2.417
15.	1900.	.1971E+01	.3260E+01	.605	-2.529
20.	1900.	.2630E+01	.4481E+01	.587	-2.421
25.	1900.	.3241E+01	.5842E+01	.555	-2.246
30.	1900.	.3804E+01	.7352E+01	.517	-2.072
35.	1900.	.4323E+01	.9019E+01	.479	-1.921
40.	1900.	.4802E+01	.1085E+00	.443	-1.794
45.	1900.	.5244E+01	.1286E+00	.408	-1.669
50.	1900.	.5653E+01	.1504E+00	.376	-1.602
55.	1900.	.6032E+01	.1742E+00	.346	-1.530
60.	1900.	.6383E+01	.1999E+00	.319	-1.469
65.	1900.	.6709E+01	.2276E+00	.295	-1.418
70.	1900.	.7012E+01	.2574E+00	.272	-1.374
75.	1900.	.7294E+01	.2894E+00	.252	-1.337
80.	1900.	.7557E+01	.3236E+00	.234	-1.305
85.	1900.	.7802E+01	.3602E+00	.217	-1.277
90.	1900.	.8030E+01	.3991E+00	.201	-1.252
95.	1900.	.8243E+01	.4406E+00	.187	-1.230
100.	1900.	.8443E+01	.4846E+00	.174	-1.211
105.	1900.	.8629E+01	.5312E+00	.162	-1.194
110.	1900.	.8803E+01	.5806E+00	.152	-1.179
115.	1900.	.8966E+01	.6328E+00	.142	-1.165
120.	1900.	.9118E+01	.6878E+00	.133	-1.153

1650 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	2000.	.6230E+03	.3110E+02	.200	-1.251
2.	2000.	.1710E+02	.5686E+02	.301	-1.430
3.	2000.	.3010E+02	.8004E+02	.376	-1.603
4.	2000.	.4432E+02	.1022E+01	.433	-1.765
5.	2000.	.5927E+02	.1241E+01	.478	-1.914
10.	2000.	.1377E+01	.2364E+01	.583	-2.396
15.	2000.	.2149E+01	.3604E+01	.596	-2.477
20.	2000.	.2875E+01	.4994E+01	.576	-2.357
25.	2000.	.3550E+01	.6551E+01	.542	-2.183
30.	2000.	.4173E+01	.8284E+01	.504	-2.015
35.	2000.	.4748E+01	.1020E+00	.465	-1.870
40.	2000.	.5280E+01	.1232E+00	.428	-1.750
45.	2000.	.5771E+01	.1464E+00	.394	-1.650
50.	2000.	.6225E+01	.1718E+00	.362	-1.568
55.	2000.	.6647E+01	.1994E+00	.333	-1.500
60.	2000.	.7038E+01	.2293E+00	.307	-1.443
65.	2000.	.7401E+01	.2618E+00	.283	-1.394
70.	2000.	.7739E+01	.2971E+00	.261	-1.352
75.	2000.	.8054E+01	.3352E+00	.240	-1.316
80.	2000.	.8347E+01	.3763E+00	.222	-1.285
85.	2000.	.8620E+01	.4207E+00	.205	-1.258
90.	2000.	.8876E+01	.4686E+00	.189	-1.234
95.	2000.	.9114E+01	.5201E+00	.175	-1.212
100.	2000.	.9337E+01	.5754E+00	.162	-1.194
105.	2000.	.9546E+01	.6348E+00	.150	-1.177
110.	2000.	.9741E+01	.6985E+00	.139	-1.162
115.	2000.	.9923E+01	.7667E+00	.129	-1.149
120.	2000.	.1009E+00	.8397E+00	.120	-1.137

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2100.	.6399E-03		.3187E-02	.201	-1.251
2.	2100.	.1763E-02		.5946E-02	.297	-1.422
3.	2100.	.3111E-02		.8475E-02	.367	-1.580
4.	2100.	.4587E-02		.1093E-01	.420	-1.724
5.	2100.	.6141E-02		.1336E-01	.460	-1.851
10.	2100.	.1432E-01		.2600E-01	.551	-2.226
15.	2100.	.2238E-01		.4012E-01	.558	-2.262
20.	2100.	.2999E-01		.5606E-01	.535	-2.150
25.	2100.	.3706E-01		.7398E-01	.501	-2.003
30.	2100.	.4359E-01		.9401E-01	.464	-1.865
35.	2100.	.4964E-01		.1163E+00	.427	-1.745
40.	2100.	.5522E-01		.1408E+00	.392	-1.645
45.	2100.	.6039E-01		.1676E+00	.360	-1.562
50.	2100.	.6517E-01		.1973E+00	.330	-1.493
55.	2100.	.6961E-01		.2295E+00	.303	-1.435
60.	2100.	.7373E-01		.2645E+00	.279	-1.386
65.	2100.	.7756E-01		.3027E+00	.256	-1.344
70.	2100.	.8112E-01		.3443E+00	.236	-1.308
75.	2100.	.8444E-01		.3897E+00	.217	-1.277
80.	2100.	.8753E-01		.4391E+00	.199	-1.249
85.	2100.	.9042E-01		.4928E+00	.183	-1.225
90.	2100.	.9312E-01		.5513E+00	.169	-1.203
95.	2100.	.9564E-01		.6148E+00	.156	-1.184
100.	2100.	.9799E-01		.6837E+00	.143	-1.167
105.	2100.	.1002E+00		.7585E+00	.132	-1.152
110.	2100.	.1023E+00		.8396E+00	.122	-1.139
115.	2100.	.1042E+00		.9274E+00	.112	-1.127
120.	2100.	.1060E+00		.1022E+01	.104	-1.116

1650 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2200.	.6380E-03		.3261E-02	.196	-1.243
2.	2200.	.1757E-02		.6225E-02	.282	-1.393
3.	2200.	.3098E-02		.9001E-02	.344	-1.525
4.	2200.	.4566E-02		.1172E-01	.390	-1.638
5.	2200.	.6113E-02		.1443E-01	.423	-1.734
10.	2200.	.1425E-01		.2680E-01	.495	-1.974
15.	2200.	.2227E-01		.4503E-01	.495	-1.978
20.	2200.	.2983E-01		.6347E-01	.470	-1.887
25.	2200.	.3686E-01		.8428E-01	.437	-1.777
30.	2200.	.4337E-01		.1076E+00	.403	-1.675
35.	2200.	.4938E-01		.1336E+00	.370	-1.587
40.	2200.	.5494E-01		.1623E+00	.339	-1.512
45.	2200.	.6008E-01		.1939E+00	.310	-1.449
50.	2200.	.6485E-01		.2285E+00	.284	-1.396
55.	2200.	.6927E-01		.2662E+00	.260	-1.352
60.	2200.	.7337E-01		.3074E+00	.239	-1.313
65.	2200.	.7719E-01		.3525E+00	.219	-1.280
70.	2200.	.8074E-01		.4019E+00	.201	-1.251
75.	2200.	.8404E-01		.4560E+00	.184	-1.226
80.	2200.	.8713E-01		.5153E+00	.169	-1.204
85.	2200.	.9001E-01		.5802E+00	.155	-1.184
90.	2200.	.9270E-01		.6513E+00	.142	-1.166
95.	2200.	.9521E-01		.7292E+00	.131	-1.150
100.	2200.	.9757E-01		.8144E+00	.120	-1.136
105.	2200.	.9977E-01		.9076E+00	.110	-1.123
110.	2200.	.1018E+00		.1009E+01	.101	-1.112
115.	2200.	.1038E+00		.1121E+01	.093	-1.102
120.	2200.	.1056E+00		.1242E+01	.085	-1.093

1650 F BIAxIAL UXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	STRAIN DIAMETER	R	TH
1.	2300.	.0173E+03	.3332E+02	.185	-1.227
2.	2300.	.1691E+02	.6527E+02	.259	-1.350
3.	2300.	.2972E+02	.9589E+02	.310	-1.449
4.	2300.	.4372E+02	.1263E+01	.346	-1.529
5.	2300.	.5845E+02	.1571E+01	.372	-1.593
10.	2300.	.1356E+01	.3215E+01	.422	-1.730
15.	2300.	.2115E+01	.5099E+01	.415	-1.709
20.	2300.	.2930E+01	.7255E+01	.390	-1.640
25.	2300.	.3494E+01	.9699E+01	.360	-1.563
30.	2300.	.4107E+01	.1245E+00	.330	-1.493
35.	2300.	.4674E+01	.1551E+00	.301	-1.431
40.	2300.	.5198E+01	.1891E+00	.275	-1.379
45.	2300.	.5683E+01	.2264E+00	.251	-1.335
50.	2300.	.6132E+01	.2674E+00	.229	-1.298
55.	2300.	.6548E+01	.3121E+00	.210	-1.265
60.	2300.	.6934E+01	.3611E+00	.192	-1.238
65.	2300.	.7294E+01	.4147E+00	.176	-1.213
70.	2300.	.7628E+01	.4737E+00	.161	-1.192
75.	2300.	.7940E+01	.5385E+00	.147	-1.173
80.	2300.	.8210E+01	.6098E+00	.135	-1.156
85.	2300.	.8501E+01	.6883E+00	.124	-1.141
90.	2300.	.8755E+01	.7746E+00	.113	-1.127
95.	2300.	.8992E+01	.8697E+00	.103	-1.115
100.	2300.	.9213E+01	.9742E+00	.095	-1.104
105.	2300.	.9421E+01	.1089E+01	.087	-1.095
110.	2300.	.9615E+01	.1215E+01	.079	-1.086
115.	2300.	.9797E+01	.1354E+01	.072	-1.078
120.	2300.	.9968E+01	.1506E+01	.066	-1.071

1650 F BIAxIAL QXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	STRAIN DIAMETER	R	TH
1.	2400.	.5797E+03	.3400E+02	.170	-1.206
2.	2400.	.1572E+02	.6854E+02	.229	-1.298
3.	2400.	.2748E+02	.1025E+01	.268	-1.366
4.	2400.	.4027E+02	.1368E+01	.294	-1.417
5.	2400.	.5367E+02	.1717E+01	.313	-1.455
10.	2400.	.1235E+01	.3620E+01	.341	-1.518
15.	2400.	.1919E+01	.5833E+01	.329	-1.490
20.	2400.	.2560E+01	.8383E+01	.305	-1.440
25.	2400.	.3154E+01	.1129E+00	.279	-1.388
30.	2400.	.3702E+01	.1457E+00	.254	-1.341
35.	2400.	.4208E+01	.1823E+00	.231	-1.300
40.	2400.	.4676E+01	.2230E+00	.210	-1.265
45.	2400.	.5108E+01	.2678E+00	.191	-1.236
50.	2400.	.5508E+01	.3170E+00	.174	-1.210
55.	2400.	.5878E+01	.3707E+00	.159	-1.188
60.	2400.	.6222E+01	.4295E+00	.145	-1.169
65.	2400.	.6542E+01	.4941E+00	.132	-1.153
70.	2400.	.6840E+01	.5652E+00	.121	-1.138
75.	2400.	.7117E+01	.6434E+00	.111	-1.124
80.	2400.	.7375E+01	.7296E+00	.101	-1.112
85.	2400.	.7617E+01	.8246E+00	.092	-1.102
90.	2400.	.7842E+01	.9294E+00	.084	-1.092
95.	2400.	.8053E+01	.1045E+01	.077	-1.084
100.	2400.	.8250E+01	.1172E+01	.070	-1.076
105.	2400.	.8434E+01	.1312E+01	.064	-1.069
110.	2400.	.8607E+01	.1467E+01	.059	-1.062
115.	2400.	.8769E+01	.1637E+01	.054	-1.057
120.	2400.	.8921E+01	.1824E+01	.049	-1.051

1650 F BIAxIAL UXY ENGR LENGTH ENGR DIAMETER 1978						
LENGTH	1650 F	UXY	BIAxIAL	ENGR	1978	
2	-4.60500E+00	4.78800E+00	0.	0.	0.	2
3						3
4	0.	2.49600E+03	0.	0.	0.	4
5						5
6	16					6
7	-1.40034E+01	2.35826E-03	2.43363E-05	1.05658E-03	-1.39978E+01	7
8	1.07747E-02	3.30021E-04	-1.39977E+01	1.13708E+00	1.90823E-05	8
9	-2.57376E+00	3.90784E-01	-1.89622E-03	-5.11520E-05	0.	9
	DIAMETER 1650 F UXY BIAxIAL ENGR 1978					
2	-4.60500E+00	3.92000E+00	4.80000E+00	0.	0.	2
3						3
4	0.	1.24600E+03	2.60100E+03	0.	0.	4
5						5
6	36					6
7	-1.41649E+01	3.90754E-01	1.22583E-03	3.97202E-03	-1.33950E+01	7
8	2.17277E-02	-1.51798E-03	-1.32611E+01	-1.08258E+00	2.28449E-02	8
9	-1.39505E+01	3.06960E+00	-2.18317E-04	7.34607E-04	-2.76833E+00	9
10	1.56852E-03	8.90495E-04	-1.75575E+00	9.52486E-01	2.28448E-03	10
11	-1.38027E+01	2.83406E+00	4.66896E-04	-8.93846E-04	-7.45546E-01	11
12	2.12569E-03	2.97431E-04	1.01307E+00	2.48072E+00	1.87396E-03	12

350	200.5							
350	195.5	1627.7	2.4	0.43655	0.5533E-02	1.16636	0.2935E-02	98.7
350	196.0	1626.4	2.8	0.43668	0.5628E-02	1.16797	0.4318E-02	98.9
350	196.5	1626.8	2.9	0.43667	0.5602E-02	1.16981	0.5900E-02	98.8
350	197.0	1627.3	2.8	0.43662	0.5697E-02	1.16985	0.5937E-02	98.6
350	197.5	1626.8	2.8	0.43665	0.5763E-02	1.16996	0.6027E-02	98.4
350	198.0	1626.9	3.0	0.43681	0.6132E-02	1.16999	0.6054E-02	98.6
350	198.5	1625.5	2.8	0.43665	0.5764E-02	1.17001	0.6071E-02	98.6
350	199.0	1626.5	2.9	0.43692	0.6394E-02	1.17012	0.6171E-02	98.3
350	199.5	1629.0	3.0	0.43708	0.6757E-02	1.17222	0.7474E-02	95.1
350	200.0	1628.0	3.0	0.43728	0.7220E-02	1.17032	0.6341E-02	97.9
350	200.5	1626.8	2.8	0.43744	0.7586E-02	1.17048	0.6478E-02	99.3
350	201.0	1625.7	2.9	0.43762	0.8004E-02	1.17051	0.6508E-02	100.0
350	201.5	1625.5	3.0	0.43774	0.8273E-02	1.17060	0.6578E-02	100.5
350	202.0	1626.6	2.8	0.43788	0.8602E-02	1.17018	0.6224E-02	100.7
350	202.5	1624.7	3.0	0.43794	0.8744E-02	1.17074	0.6703E-02	100.7
350	203.0	1624.6	3.1	0.43789	0.8632E-02	1.17083	0.6781E-02	100.7
350	203.5	1624.7	3.0	0.43793	0.8717E-02	1.17079	0.6742E-02	100.5
350	204.0	1624.0	2.8	0.43808	0.9065E-02	1.17107	0.6984E-02	100.7
350	204.5	1624.9	2.9	0.43832	0.9614E-02	1.17111	0.7022E-02	100.3
350	205.0	1628.1	3.0	0.43848	0.9990E-02	1.17118	0.7083E-02	100.5
350	205.5	1630.9	3.2	0.43853	0.1009E-01	1.17118	0.7074E-02	100.5
350	206.0	1631.8	2.8	0.43869	0.1047E-01	1.17130	0.7186E-02	100.4
350	206.5	1630.5	3.1	0.43871	0.1051E-01	1.17140	0.7269E-02	100.2
350	207.0	1629.5	3.0	0.43864	0.1035E-01	1.17140	0.7266E-02	100.1
350	207.5	1626.5	2.8	0.43877	0.1066E-01	1.17143	0.7294E-02	99.9
350	208.0	1624.1	3.1	0.43884	0.1082E-01	1.17146	0.7320E-02	100.0
350	208.5	1627.0	3.2	0.43864	0.1036E-01	1.17266	0.8352E-02	100.1
350	209.0	1629.0	3.1	0.43886	0.1086E-01	1.17250	0.8214E-02	99.8
350	209.5	1629.2	3.0	0.43870	0.1048E-01	1.17167	0.7503E-02	99.6
350	210.0	1623.6	3.5	0.43693	0.1103E-01	1.17332	0.8921E-02	100.0
350	210.5	1627.4	3.4	0.43903	0.1124E-01	1.17176	0.7580E-02	99.7
350	211.0	1631.4	2.9	0.43923	0.1170E-01	1.17189	0.7694E-02	99.9
350	211.5	1634.0	2.9	0.43926	0.1178E-01	1.17192	0.7717E-02	100.0
350	212.0	1633.2	3.1	0.43924	0.1172E-01	1.17193	0.7727E-02	99.8
350	212.5	1631.8	2.9	0.43910	0.1142E-01	1.17198	0.7767E-02	99.8
350	213.0	1633.1	3.2	0.43937	0.1203E-01	1.17208	0.7834E-02	99.6
350	213.5	1634.1	3.2	0.43929	0.1185E-01	1.17213	0.7844E-02	99.8
350	214.0	1632.0	3.1	0.43940	0.1209E-01	1.17208	0.7850E-02	99.6
350	214.5	1630.9	3.0	0.43965	0.1269E-01	1.17339	0.8980E-02	99.6
350	215.0	1632.2	3.2	0.43967	0.1272E-01	1.17678	0.1190E-01	99.6
350	215.5	1633.9	3.2	0.43963	0.1263E-01	1.17224	0.8037E-02	99.5
350	216.0	1633.7	3.2	0.43968	0.1274E-01	1.17242	0.8147E-02	99.6
350	216.5	1634.4	2.8	0.43973	0.1287E-01	1.17239	0.8116E-02	99.6
350	217.0	1634.6	3.4	0.43995	0.1337E-01	1.17244	0.8204E-02	99.5
350	217.5	1637.5	3.0	0.43995	0.1336E-01	1.15453	0.7236E-02	99.7
350	218.0	1638.2	3.2	0.44004	0.1357E-01	1.17254	0.8240E-02	99.6
350	218.5	1637.8	3.2	0.44017	0.1388E-01	1.17271	0.8396E-02	99.4
350	219.0	1640.0	3.0	0.43994	0.1347E-01	1.17271	0.8395E-02	99.9
350	219.5	1641.7	3.1	0.44022	0.1398E-01	1.17274	0.8610E-02	99.8
350	220.0	1641.6	3.3	0.44024	0.1404E-01	1.17520	0.1054E-01	99.6
350	220.5	1639.9	2.9	0.44034	0.1427E-01	1.17277	0.8647E-02	99.6
350	221.0	1640.9	3.4	0.44032	0.1421E-01	1.17319	0.8600E-02	99.6
350	221.5	1642.5	3.2	0.44038	0.1435E-01	1.17285	0.8613E-02	99.4
350	222.0	1643.3	3.2	0.44063	0.1494E-01	1.17293	0.8688E-02	99.1
350	222.5	1643.9	2.8	0.44048	0.1459E-01	1.17241	0.8572E-02	99.3
350	223.0	1642.3	3.5	0.44062	0.1490E-01	1.17291	0.8672E-02	99.1
350	223.5	1641.9	3.2	0.44067	0.1503E-01	1.17246	0.8612E-02	99.3
350	224.0	1642.7	3.3	0.44069	0.1506E-01	1.17301	0.8653E-02	99.3
350	224.5	1640.4	3.2	0.44075	0.1520E-01	1.17309	0.8714E-02	99.5

350	225.0	1637.5	3.1	0.44089	0.1554E-01	1.17052	0.6515E-02	99.
350	225.5	1635.1	2.8	0.44083	0.1540E-01	1.17326	0.8866E-02	99.4
350	226.0	1641.4	3.3	0.44096	0.1568E-01	1.17323	0.8642E-02	99.5
350	226.5	1642.9	3.4	0.44094	0.1577E-01	1.17334	0.8936E-02	99.4
350	227.0	1643.8	3.4	0.44111	0.1603E-01	1.17324	0.8896E-02	99.3
350	227.5	1646.3	3.1	0.44104	0.1599E-01	1.17340	0.8988E-02	99.2
350	228.0	1645.5	3.1	0.44129	0.1646E-01	1.17348	0.9055E-02	99.4
350	228.5	1645.2	3.2	0.44134	0.1656E-01	1.17339	0.6901E-02	99.5
350	229.0	1645.2	3.3	0.44138	0.1666E-01	1.17156	0.7420E-02	99.5
350	229.5	1644.6	3.6	0.44150	0.1693E-01	1.17354	0.9104E-02	99.1
350	230.0	1647.9	3.5	0.44155	0.1705E-01	1.17198	0.7765E-02	99.6
350	230.5	1647.9	3.6	0.44156	0.1708E-01	1.17361	0.9166E-02	99.4
350	231.0	1646.9	3.4	0.44161	0.1719E-01	1.17369	0.9240E-02	99.3
350	231.5	1648.2	2.9	0.44178	0.1759E-01	1.17367	0.9223E-02	99.4
350	232.0	1649.1	3.0	0.44173	0.1746E-01	1.17371	0.9260E-02	99.4
350	232.5	1650.9	3.1	0.44189	0.1785E-01	1.17377	0.9310E-02	99.5
350	233.0	1652.0	3.3	0.44200	0.1808E-01	1.17385	0.9360E-02	99.5
350	233.5	1652.7	3.0	0.44207	0.1824E-01	1.17378	0.9319E-02	99.5
350	234.0	1651.5	2.5	0.44198	0.1803E-01	1.17395	0.9460E-02	99.1
350	234.5	1648.1	3.1	0.44215	0.1843E-01	1.17386	0.9387E-02	99.4
350	235.0	1646.8	3.2	0.44214	0.1841E-01	1.17394	0.9453E-02	99.5
350	235.5	1643.1	2.8	0.44216	0.1845E-01	1.17397	0.9477E-02	99.2
350	236.0	1646.4	3.4	0.44225	0.1865E-01	1.17401	0.9513E-02	99.1
350	236.5	1648.9	3.2	0.44244	0.1910E-01	1.17406	0.9557E-02	99.5
350	237.0	1648.9	2.9	0.44245	0.1913E-01	1.17627	0.1145E-01	99.5
350	237.5	1652.5	3.2	0.44246	0.1914E-01	1.17411	0.9600E-02	99.2
350	238.0	1654.2	2.4	0.44259	0.1945E-01	1.17424	0.9712E-02	99.4
350	238.5	1654.3	3.0	0.44267	0.1963E-01	1.17075	0.6707E-02	99.6
350	239.0	1649.2	2.7	0.44279	0.1991E-01	1.17414	0.9624E-02	99.2
350	239.5	1648.6	2.7	0.44276	0.1985E-01	1.17420	0.9680E-02	99.4
350	240.0	1640.4	2.7	0.44286	0.2006E-01	1.17421	0.9684E-02	99.2
350	240.5	1642.3	2.8	0.44290	0.2015E-01	1.17418	0.9664E-02	99.4
350	241.0	1641.9	2.9	0.44296	0.2030E-01	1.17423	0.9700E-02	99.4
350	241.5	1644.9	3.2	0.44303	0.2047E-01	1.17430	0.9760E-02	99.5
350	242.0	1653.2	2.8	0.44308	0.2057E-01	1.17395	0.9460E-02	99.3
350	242.5	1657.8	2.9	0.44327	0.2101E-01	1.17303	0.8669E-02	99.1
350	243.0	1655.2	3.5	0.44327	0.2100E-01	1.17391	0.9430E-02	99.3
350	243.5	1648.4	3.1	0.44322	0.2090E-01	1.17451	0.9944E-02	99.2
350	244.0	1649.9	3.3	0.44347	0.2147E-01	1.17701	0.1209E-01	99.2
350	244.5	1647.6	3.1	0.44341	0.2133E-01	1.17450	0.9934E-02	99.2
350	245.0	1648.9	3.2	0.44351	0.2158E-01	1.17453	0.9961E-02	99.3
350	245.5	1652.5	3.1	0.44354	0.2163E-01	1.17462	0.1004E-01	99.1
350	246.0	1653.7	3.2	0.44367	0.2193E-01	1.17454	0.9971E-02	99.3
350	246.5	1650.0	3.0	0.44374	0.2221E-01	1.17256	0.8267E-02	99.2
350	247.0	1646.2	3.4	0.44378	0.2219E-01	1.17681	0.1192E-01	99.4
350	247.5	1648.8	3.1	0.44375	0.2212E-01	1.17465	0.1006E-01	99.1
350	248.0	1649.9	3.0	0.44380	0.2223E-01	1.17571	0.1096E-01	99.5
350	248.5	1648.7	3.1	0.44391	0.2250E-01	1.17690	0.1200E-01	99.2
350	249.0	1648.6	3.1	0.44397	0.2262E-01	1.17484	0.1023E-01	99.1
350	249.5	1647.5	3.6	0.44408	0.2288E-01	1.17481	0.1020E-01	99.2
350	250.0	1649.5	3.0	0.44414	0.2302E-01	1.17673	0.1185E-01	99.3
350	250.5	1644.6	2.9	0.44424	0.2325E-01	1.17487	0.1025E-01	99.3
350	251.0	1648.7	2.9	0.44412	0.2297E-01	1.17500	0.1036E-01	99.3
350	251.5	1652.1	3.2	0.44464	0.2417E-01	1.17406	0.9557E-02	99.2
350	252.0	1653.3	3.0	0.44432	0.2344E-01	1.17541	0.1072E-01	99.2
350	252.5	1653.7	2.7	0.44430	0.2338E-01	1.17510	0.1046E-01	99.2
350	253.0	1647.2	2.9	0.44441	0.2365E-01	1.17500	0.1036E-01	99.2
350	253.5	1637.9	3.4	0.44461	0.2411E-01	1.17417	0.9654E-02	99.2
350	254.0	1643.0	3.1	0.44463	0.2414E-01	1.17512	0.1047E-01	99.3
350	254.5	1647.9	3.6	0.44490	0.2477E-01	1.17515	0.1049E-01	98.8

350	255.0	1650.3	2.9	0.44479	0.2452E-01	1.17790	0.1286E-01	99.0
350	255.5	1647.4	3.0	0.44484	0.2462E-01	1.17721	0.1226E-01	99.5
350	256.0	1643.8	2.7	0.44494	0.2486E-01	1.17522	0.1055E-01	99.3
350	256.5	1640.2	2.6	0.44497	0.2492E-01	1.17176	0.7581E-02	99.2
350	257.0	1649.5	3.6	0.44496	0.2492E-01	1.17539	0.1070E-01	98.9
350	257.5	1651.1	3.2	0.44504	0.2508E-01	1.17537	0.1068E-01	98.8
350	258.0	1651.7	3.1	0.44515	0.2535E-01	1.17541	0.1072E-01	99.1
350	258.5	1654.0	3.3	0.44557	0.2632E-01	1.17631	0.1149E-01	99.3
350	259.0	1654.1	3.2	0.44515	0.2533E-01	1.17542	0.1073E-01	99.0
350	259.5	1651.7	3.0	0.44548	0.2610E-01	1.17551	0.1081E-01	98.9
350	260.0	1651.2	3.4	0.44548	0.2610E-01	1.17558	0.1086E-01	99.1
350	260.5	1649.3	3.5	0.44539	0.2589E-01	1.17557	0.1086E-01	99.2
350	261.0	1650.8	3.5	0.44549	0.2612E-01	1.17482	0.1021E-01	99.2
350	261.5	1646.8	3.4	0.44600	0.2731E-01	1.17560	0.1088E-01	98.8
350	262.0	1650.0	3.0	0.44571	0.2663E-01	1.17416	0.9639E-02	99.2
350	262.5	1651.6	3.0	0.44561	0.2641E-01	1.17562	0.1089E-01	99.2
350	263.0	1650.0	3.3	0.44570	0.2661E-01	1.17290	0.8558E-02	99.1
350	263.5	1647.0	3.3	0.44579	0.2681E-01	1.17571	0.1098E-01	99.1
350	264.0	1645.7	3.2	0.44584	0.2706E-01	1.17638	0.1155E-01	98.6
350	264.5	1645.7	2.9	0.44597	0.2724E-01	1.17576	0.1102E-01	99.1
350	265.0	1648.5	3.2	0.44598	0.2726E-01	1.17576	0.1102E-01	99.2
350	265.5	1652.0	2.8	0.44608	0.2749E-01	1.17706	0.1213E-01	99.1
350	266.0	1650.9	3.1	0.44610	0.2753E-01	1.17687	0.1197E-01	99.2
350	266.5	1650.9	3.4	0.44614	0.2763E-01	1.17597	0.1120E-01	98.9
350	267.0	1651.8	3.2	0.44636	0.2814E-01	1.17592	0.1116E-01	99.2
350	267.5	1652.4	2.8	0.44616	0.2766E-01	1.17672	0.1184E-01	99.2
350	268.0	1652.5	3.2	0.44622	0.2789E-01	1.17595	0.1118E-01	99.1
350	268.5	1649.4	2.9	0.44640	0.2823E-01	1.17804	0.1298E-01	99.0
350	269.0	1646.8	3.3	0.44645	0.2835E-01	1.17607	0.1129E-01	99.3
350	269.5	1645.3	3.5	0.44643	0.2629E-01	1.17599	0.1122E-01	99.3
350	270.0	1648.3	2.9	0.44653	0.2852E-01	1.17738	0.1241E-01	99.4
350	270.5	1649.9	2.8	0.44655	0.2858E-01	1.17608	0.1129E-01	99.1
350	271.0	1650.8	3.4	0.44672	0.2896E-01	1.17624	0.1143E-01	99.2
350	271.5	1650.1	3.4	0.44662	0.2872E-01	1.17622	0.1142E-01	99.2
350	272.0	1648.0	3.2	0.44662	0.2872E-01	1.17683	0.1194E-01	99.1
350	272.5	1649.1	3.7	0.44681	0.2916E-01	1.17622	0.1141E-01	99.2
350	273.0	1651.4	3.5	0.44678	0.2909E-01	1.17630	0.1146E-01	99.3
350	273.5	1651.8	3.3	0.44733	0.3037E-01	1.17520	0.1053E-01	98.8
350	274.0	1652.0	3.1	0.44732	0.3035E-01	1.17874	0.1358E-01	99.1
350	274.5	1651.2	3.2	0.44699	0.2959E-01	1.17682	0.1193E-01	99.1
350	275.0	1651.0	3.2	0.44704	0.2969E-01	1.17624	0.1143E-01	99.2
350	275.5	1649.9	2.9	0.44745	0.3064E-01	1.17634	0.1152E-01	99.4
350	276.0	1647.7	3.1	0.44752	0.3080E-01	1.17634	0.1152E-01	99.3
350	276.5	1647.5	3.0	0.44711	0.2985E-01	1.17385	0.9380E-02	98.9
350	277.0	1647.8	2.8	0.44724	0.3016E-01	1.17563	0.1091E-01	98.9
350	277.5	1648.1	3.5	0.44728	0.3025E-01	1.17642	0.1154E-01	99.0
350	278.0	1649.9	3.4	0.44748	0.3071E-01	1.17649	0.1165E-01	98.7
350	278.5	1646.9	3.2	0.44739	0.3050E-01	1.17496	0.1033E-01	99.2
350	279.0	1646.7	3.1	0.44738	0.3049E-01	1.17652	0.1167E-01	99.1
350	279.5	1646.0	3.0	0.44758	0.3093E-01	1.17501	0.1037E-01	99.2
350	280.0	1648.5	3.0	0.44764	0.3108E-01	1.17665	0.1179E-01	99.2
350	280.5	1647.6	3.5	0.44767	0.3114E-01	1.17658	0.1173E-01	99.2
350	281.0	1648.4	3.2	0.44773	0.3128E-01	1.17661	0.1175E-01	99.0
350	281.5	1650.2	3.5	0.44784	0.3153E-01	1.17878	0.1361E-01	99.0
350	282.0	1650.3	3.0	0.44784	0.3155E-01	1.17663	0.1177E-01	99.1
350	282.5	1651.6	3.0	0.44786	0.3159E-01	1.17680	0.1191E-01	99.1
350	283.0	1650.4	3.5	0.44800	0.3190E-01	1.17582	0.1107E-01	99.2
350	283.5	1645.3	3.0	0.44805	0.3202E-01	1.17693	0.1203E-01	99.0
350	284.0	1645.1	3.4	0.44797	0.3184E-01	1.17703	0.1211E-01	98.8
350	284.5	1648.2	3.5	0.44803	0.3198E-01	1.17720	0.1225E-01	98.9

350	285.0	1649.7	3.2	0.44818	0.3233E-01	1.17686	0.1196E-01	98.6
350	285.5	1651.5	3.3	0.44822	0.3241E-01	1.17841	0.11329E-01	99.2
350	286.0	1651.0	3.3	0.44820	0.3237E-01	1.17695	0.1204E-01	99.0
350	286.5	1650.9	3.0	0.44820	0.3236E-01	1.17688	0.1198E-01	99.0
350	287.0	1649.9	3.1	0.44833	0.3267E-01	1.17694	0.1203E-01	99.1
350	287.5	1650.2	3.2	0.44831	0.3263E-01	1.17541	0.1072E-01	98.9
350	288.0	1653.9	3.6	0.44836	0.3275E-01	1.17708	0.1215E-01	99.2
350	288.5	1654.3	3.0	0.44842	0.3288E-01	1.17619	0.1139E-01	99.2
350	289.0	1655.2	3.0	0.44857	0.3323E-01	1.17703	0.1211E-01	99.0
350	289.5	1651.5	3.0	0.44859	0.3326E-01	1.17696	0.1205E-01	99.2
350	290.0	1649.6	3.2	0.44861	0.3331E-01	1.17719	0.1225E-01	99.0
350	290.5	1649.2	2.9	0.44861	0.3332E-01	1.17702	0.1210E-01	99.2
350	291.0	1646.0	3.2	0.44869	0.3350E-01	1.17714	0.1220E-01	98.9
350	291.5	1646.2	3.2	0.44872	0.3358E-01	1.17826	0.1317E-01	98.6
350	292.0	1650.0	2.8	0.44889	0.3395E-01	1.17719	0.1225E-01	99.2
350	292.5	1649.1	3.4	0.44885	0.3386E-01	1.17715	0.1221E-01	99.1
350	293.0	1651.6	3.3	0.44896	0.3412E-01	1.17722	0.1227E-01	99.1
350	293.5	1651.7	3.2	0.44890	0.3399E-01	1.17724	0.1230E-01	98.6
350	294.0	1651.4	3.4	0.44905	0.3432E-01	1.17728	0.1232E-01	99.0
350	294.5	1648.0	3.0	0.44901	0.3424E-01	1.17732	0.1236E-01	99.1
350	295.0	1648.7	3.2	0.44918	0.3463E-01	1.17727	0.1232E-01	99.0
350	295.5	1651.3	3.2	0.44917	0.3459E-01	1.17736	0.1240E-01	98.9
350	296.0	1651.4	3.7	0.44924	0.3476E-01	1.17732	0.1236E-01	98.9
350	296.5	1653.7	2.9	0.44913	0.3452E-01	1.17726	0.1231E-01	99.0
350	297.0	1647.7	3.1	0.44922	0.3471E-01	1.17738	0.1241E-01	98.9
350	297.5	1643.2	3.4	0.44930	0.3490E-01	1.17736	0.1239E-01	99.0
350	298.0	1644.6	3.2	0.44930	0.3490E-01	1.17737	0.1241E-01	99.0
350	298.5	1648.1	3.1	0.44941	0.3515E-01	1.17745	0.1247E-01	99.1
350	299.0	1652.3	2.9	0.44947	0.3530E-01	1.17750	0.1251E-01	98.8
350	299.5	1654.9	3.3	0.44949	0.3535E-01	1.17752	0.1254E-01	98.9
350	300.0	1654.1	2.9	0.44961	0.3561E-01	1.17756	0.1257E-01	99.0
350	300.5	1652.9	3.0	0.44965	0.3572E-01	1.16620	0.2798E-02	98.9
350	301.0	1650.5	2.9	0.44969	0.3580E-01	1.17603	0.1125E-01	98.9
350	301.5	1651.1	3.4	0.44981	0.3608E-01	1.17760	0.1260E-01	98.9
350	302.0	1645.2	3.2	0.44975	0.3595E-01	1.17763	0.1262E-01	98.8
350	302.5	1643.6	3.3	0.44988	0.3625E-01	1.17759	0.1260E-01	99.2
350	303.0	1645.5	3.5	0.44994	0.3637E-01	1.17763	0.1263E-01	99.0
350	303.5	1643.8	2.8	0.44988	0.3625E-01	1.17772	0.1271E-01	99.1
350	304.0	1647.4	2.8	0.45005	0.3662E-01	1.17765	0.1264E-01	98.9
350	304.5	1646.6	2.9	0.45012	0.3678E-01	1.17778	0.1275E-01	99.0
350	305.0	1648.4	3.1	0.45014	0.3683E-01	1.17849	0.1337E-01	99.0
350	305.5	1652.5	3.1	0.45017	0.3690E-01	1.17773	0.1272E-01	98.8
350	306.0	1653.7	3.0	0.45022	0.3703E-01	1.17782	0.1279E-01	99.2
350	306.5	1654.8	3.0	0.45015	0.3686E-01	1.17780	0.1277E-01	98.6
350	307.0	1648.7	3.1	0.45026	0.3711E-01	1.17787	0.1284E-01	98.8
350	307.5	1644.7	3.2	0.45036	0.3733E-01	1.17786	0.1283E-01	99.2
350	308.0	1642.2	2.9	0.45034	0.3729E-01	1.16823	0.4545E-02	98.6
350	308.5	1645.1	3.4	0.45045	0.3755E-01	1.17790	0.1286E-01	99.0
350	309.0	1651.7	3.4	0.45056	0.3750E-01	1.17799	0.1294E-01	99.0
350	309.5	1656.9	3.5	0.45055	0.3779E-01	1.17804	0.1298E-01	98.9
350	310.0	1654.0	2.9	0.45049	0.3764E-01	1.17653	0.1160E-01	99.1
350	310.5	1651.2	2.9	0.45063	0.3796E-01	1.17876	0.1360E-01	99.1
350	311.0	1651.8	3.0	0.45068	0.3809E-01	1.17807	0.1300E-01	99.1
350	311.5	1654.8	3.0	0.45065	0.3801E-01	1.17758	0.1256E-01	99.1
350	312.0	1657.3	3.2	0.45074	0.3823E-01	1.17811	0.1304E-01	98.8
350	312.5	1656.7	2.6	0.45086	0.3850E-01	1.17801	0.1296E-01	98.9
350	313.0	1654.8	2.9	0.45082	0.3841E-01	1.17819	0.1311E-01	98.9
350	313.5	1652.2	2.5	0.45090	0.3859E-01	1.17808	0.1301E-01	99.1
350	314.0	1649.2	2.8	0.45087	0.3851E-01	1.17817	0.1309E-01	98.7
350	314.5	1647.5	2.9	0.45098	0.3878E-01	1.17816	0.1309E-01	98.9

350	315.0	1645.0	3.1	0.45103	0.3889E-01	1.17817	0.1309E-01	98.9
350	315.5	1644.0	3.2	0.45112	0.3909E-01	1.17813	0.1306E-01	99.0
350	316.0	1645.8	3.1	0.45111	0.3906E-01	1.17825	0.1310E-01	98.8
350	316.5	1645.8	2.7	0.45115	0.3916E-01	1.17830	0.1320E-01	98.8
350	317.0	1646.6	3.1	0.45122	0.3933E-01	1.17827	0.1318E-01	98.7
350	317.5	1646.2	3.0	0.45140	0.3975E-01	1.17825	0.1316E-01	99.0
350	318.0	1645.7	3.0	0.45127	0.3944E-01	1.17833	0.1323E-01	98.9
350	318.5	1650.5	2.8	0.45134	0.3960E-01	1.17827	0.1318E-01	98.9
350	319.0	1654.3	3.1	0.45139	0.3972E-01	1.17844	0.1332E-01	98.8
350	319.5	1656.4	3.1	0.45159	0.4017E-01	1.17824	0.1315E-01	99.0
350	320.0	1657.3	3.0	0.45142	0.3978E-01	1.17841	0.1330E-01	99.1
350	320.5	1655.9	3.1	0.45161	0.4023E-01	1.17848	0.1335E-01	98.7
350	321.0	1655.6	2.6	0.45156	0.4011E-01	1.17839	0.1328E-01	99.0

351	153.0							
351	148.5	1627.1	1.5	0.43661	0.7128E-02	1.17339	0.7412E-02	199.8
351	149.0	1625.7	1.8	0.43667	0.7257E-02	1.17345	0.7468E-02	199.6
351	149.5	1625.8	1.6	0.43654	0.6965E-02	1.17352	0.7528E-02	199.6
351	150.0	1624.6	1.8	0.43698	0.7967E-02	1.17360	0.7592E-02	199.4
351	150.5	1623.9	1.8	0.43654	0.6950E-02	1.17364	0.7625E-02	199.7
351	151.0	1625.4	2.3	0.43701	0.8042E-02	1.17364	0.7625E-02	199.6
351	151.5	1627.2	2.0	0.43702	0.8072E-02	1.17372	0.7695E-02	199.5
351	152.0	1626.6	1.7	0.43704	0.8102E-02	1.17387	0.7622E-02	199.5
351	152.5	1625.9	1.6	0.43707	0.8192E-02	1.17381	0.7775E-02	199.1
351	153.0	1626.7	1.7	0.43766	0.9537E-02	1.17383	0.7792E-02	178.4
351	153.5	1626.6	1.6	0.43810	0.1057E-01	1.17404	0.7972E-02	184.6
351	154.0	1627.1	1.6	0.43832	0.1106E-01	1.17410	0.8025E-02	190.5
351	154.5	1623.4	1.5	0.43877	0.1211E-01	1.17417	0.8082E-02	196.0
351	155.0	1625.1	1.4	0.43916	0.1301E-01	1.17434	0.8225E-02	201.3
351	155.5	1623.6	1.2	0.43935	0.1344E-01	1.17446	0.8335E-02	206.8
351	156.0	1627.3	1.9	0.43961	0.1404E-01	1.17454	0.8402E-02	207.2
351	156.5	1626.8	2.2	0.43975	0.1437E-01	1.17464	0.8485E-02	204.9
351	157.0	1628.0	2.2	0.44000	0.1494E-01	1.17477	0.8598E-02	203.1
351	157.5	1629.0	2.0	0.44026	0.1553E-01	1.17481	0.8629E-02	202.4
351	158.0	1628.4	2.3	0.44050	0.1610E-01	1.17492	0.8729E-02	201.7
351	158.5	1628.8	2.1	0.44070	0.1657E-01	1.17491	0.8718E-02	201.4
351	159.0	1629.8	2.2	0.44094	0.1712E-01	1.17503	0.8825E-02	201.2
351	159.5	1628.4	1.8	0.44118	0.1766E-01	1.17506	0.8849E-02	201.8
351	160.0	1627.7	2.1	0.44132	0.1799E-01	1.17517	0.8938E-02	201.6
351	160.5	1628.1	1.7	0.44163	0.1870E-01	1.17523	0.8992E-02	201.5
351	161.0	1629.7	2.0	0.44196	0.1945E-01	1.17526	0.9022E-02	201.7
351	161.5	1629.6	1.6	0.44203	0.1963E-01	1.17532	0.9069E-02	201.6
351	162.0	1632.6	1.6	0.44239	0.2045E-01	1.17531	0.9065E-02	201.6
351	162.5	1633.5	1.6	0.44262	0.2098E-01	1.17543	0.9162E-02	201.2
351	163.0	1633.0	1.5	0.44276	0.2131E-01	1.17543	0.9162E-02	201.6
351	163.5	1633.4	1.5	0.44308	0.2205E-01	1.17550	0.9229E-02	201.5
351	164.0	1633.7	1.5	0.44340	0.2277E-01	1.17563	0.9339E-02	201.5
351	164.5	1633.9	1.6	0.44358	0.2321E-01	1.17570	0.9395E-02	201.3
351	165.0	1631.8	1.8	0.44371	0.2349E-01	1.17579	0.9475E-02	201.5
351	165.5	1632.0	1.6	0.44395	0.2406E-01	1.17580	0.9562E-02	201.4
351	166.0	1633.9	1.7	0.44413	0.2448E-01	1.17591	0.9575E-02	201.1
351	166.5	1631.7	1.7	0.44458	0.2549E-01	1.17596	0.9622E-02	201.1
351	167.0	1632.0	1.5	0.44480	0.2600E-01	1.17599	0.9649E-02	201.1
351	167.5	1633.0	1.5	0.44502	0.2653E-01	1.17608	0.9725E-02	201.1
351	168.0	1633.3	1.9	0.44528	0.2711E-01	1.17624	0.9862E-02	201.3
351	168.5	1635.2	1.8	0.44552	0.2766E-01	1.17629	0.9902E-02	201.1
351	169.0	1634.5	1.2	0.44581	0.2835E-01	1.17634	0.9949E-02	201.1
351	169.5	1638.2	1.8	0.44607	0.2895E-01	1.17648	0.1007E-01	201.2
351	170.0	1639.2	1.6	0.44635	0.2959E-01	1.17661	0.1018E-01	201.2
351	170.5	1640.7	1.5	0.442471	-0.2032E-01	1.17659	0.1018E-01	201.1
351	171.0	1640.7	1.6	0.44698	0.3104E-01	1.17666	0.1022E-01	201.1
351	171.5	1638.7	1.8	0.44731	0.3181E-01	1.17680	0.1034E-01	201.1
351	172.0	1639.1	1.5	0.442447	-0.2097E-01	1.17684	0.1038E-01	200.9
351	172.5	1639.5	2.0	0.44772	0.3275E-01	1.17692	0.1044E-01	200.9
351	173.0	1639.5	1.7	0.44799	0.3336E-01	1.17701	0.1052E-01	201.1
351	173.5	1642.0	1.5	0.44829	0.3406E-01	1.17703	0.1054E-01	201.0
351	174.0	1643.1	1.3	0.44858	0.3474E-01	1.17713	0.1062E-01	201.0
351	174.5	1642.8	1.6	0.44896	0.3562E-01	1.17718	0.1067E-01	200.8
351	175.0	1642.0	1.5	0.44924	0.3626E-01	1.17715	0.1064E-01	200.9
351	175.5	1644.9	1.8	0.44952	0.3691E-01	1.17735	0.1082E-01	201.0
351	176.0	1645.5	1.5	0.44989	0.3774E-01	1.17734	0.1081E-01	200.9
351	176.5	1644.9	1.6	0.45014	0.3834E-01	1.17745	0.1090E-01	200.9
351	177.0	1646.4	2.0	0.45050	0.3916E-01	1.17746	0.1091E-01	200.8
351	177.5	1647.7	1.6	0.45084	0.3996E-01	1.17761	0.1104E-01	200.9

351	178.0	1646.7	1.5	0.45106	0.4046E-01	1.17770	0.1112E-01	200.9
351	178.5	1646.9	1.4	0.45148	0.4142E-01	1.17778	0.1118E-01	200.8
351	179.0	1646.3	1.8	0.45178	0.4212E-01	1.17787	0.1126E-01	200.8
351	179.5	1642.7	1.6	0.45207	0.4278E-01	1.17787	0.1126E-01	201.0
351	180.0	1641.7	1.7	0.45243	0.4362E-01	1.17791	0.1129E-01	200.1
351	180.5	1641.8	1.5	0.45280	0.4446E-01	1.17801	0.1138E-01	200.9
351	181.0	1643.0	1.4	0.45306	0.4507E-01	1.17809	0.1145E-01	201.0
351	181.5	1648.3	2.0	0.45344	0.4595E-01	1.17820	0.1154E-01	200.9
351	182.0	1650.8	1.6	0.45372	0.4658E-01	1.17823	0.1157E-01	200.7
351	182.5	1651.9	1.7	0.45413	0.4752E-01	1.17836	0.1166E-01	200.9
351	183.0	1648.8	1.5	0.45451	0.4841E-01	1.17839	0.1170E-01	200.8
351	183.5	1648.7	1.8	0.45490	0.4932E-01	1.17848	0.1178E-01	200.6
351	184.0	1646.8	1.8	0.45518	0.4996E-01	1.17855	0.1184E-01	201.0
351	184.5	1648.7	1.7	0.45545	0.5059E-01	1.17862	0.1190E-01	200.8
351	185.0	1648.1	1.6	0.45586	0.5153E-01	1.17867	0.1195E-01	200.4
351	185.5	1648.7	1.8	0.45619	0.5229E-01	1.17876	0.1203E-01	200.6
351	186.0	1649.2	2.0	0.45654	0.5310E-01	1.17877	0.1204E-01	200.6
351	186.5	1649.1	1.8	0.45682	0.5374E-01	1.17888	0.1213E-01	200.5
351	187.0	1650.8	1.6	0.45720	0.5463E-01	1.17888	0.1213E-01	200.8
351	187.5	1652.2	2.0	0.45755	0.5543E-01	1.17902	0.1225E-01	200.7
351	188.0	1650.7	1.2	0.45792	0.5629E-01	1.17905	0.1227E-01	200.6
351	188.5	1650.8	1.6	0.45833	0.5723E-01	1.17921	0.1241E-01	200.5
351	189.0	1651.3	1.6	0.45865	0.5796E-01	1.17917	0.1237E-01	201.0
351	189.5	1649.2	1.4	0.45890	0.5853E-01	1.17923	0.1243E-01	200.5
351	190.0	1650.1	1.5	0.45940	0.5970E-01	1.17927	0.1246E-01	200.8
351	190.5	1650.6	1.7	0.45965	0.6027E-01	1.17941	0.1258E-01	200.6
351	191.0	1651.5	1.4	0.45994	0.6094E-01	1.17947	0.1263E-01	200.4
351	191.5	1651.5	1.8	0.46039	0.6198E-01	1.17955	0.1270E-01	200.6
351	192.0	1649.4	1.9	0.46064	0.6255E-01	1.17947	0.1263E-01	200.4
351	192.5	1650.4	1.9	0.46104	0.6347E-01	1.17968	0.1281E-01	200.5
351	193.0	1650.2	1.9	0.46146	0.6445E-01	1.17965	0.1279E-01	200.7
351	193.5	1648.2	1.4	0.46174	0.6510E-01	1.17972	0.1285E-01	200.5
351	194.0	1649.0	1.2	0.46200	0.6568E-01	1.17980	0.1292E-01	200.5
351	194.5	1650.9	1.5	0.46227	0.6631E-01	1.17988	0.1299E-01	200.6
351	195.0	1653.1	1.4	0.46274	0.6740E-01	1.17998	0.1307E-01	200.6
351	195.5	1652.2	1.3	0.46302	0.6804E-01	1.18007	0.1315E-01	200.3
351	196.0	1651.5	1.4	0.46332	0.6873E-01	1.18009	0.1317E-01	200.5
351	196.5	1649.6	1.7	0.46377	0.6976E-01	1.18013	0.1320E-01	200.5
351	197.0	1650.6	1.3	0.46421	0.7078E-01	1.18020	0.1326E-01	200.4
351	197.5	1651.8	1.9	0.46452	0.7150E-01	1.18021	0.1327E-01	200.5
351	198.0	1649.2	1.4	0.46498	0.7354E-01	1.18024	0.1330E-01	199.9
351	198.5	1649.2	1.6	0.46548	0.4415E-01	1.17818	0.1153E-01	200.5
351	199.0	1646.3	1.6	0.46526	0.4419E-01	1.18034	0.1338E-01	200.4
351	199.5	1647.2	2.0	0.44472	0.2582E-01	1.18032	0.1336E-01	200.6
351	200.0	1647.9	1.8-9.99900	-0.9999E+04	-9.99900	-0.9999E+04	-0.9999E+04	200.5
351	200.5	1650.7	1.8	0.44365	0.2337E-01	1.18307	0.1573E-01	200.7
351	201.0	1652.6	1.6	0.45103	0.4037E-01	1.18063	0.1363E-01	200.5
351	201.5	1653.0	1.4	0.45158	0.4166E-01	1.18071	0.1370E-01	200.8
351	202.0	1651.9	1.3	0.45566	0.5106E-01	1.17585	0.9523E-02	200.5
351	202.5	1652.0	1.6-9.99900	-0.9999E+04	1.18076	0.1374E-01	200.7	
351	203.0	1649.4	1.7	0.46735	0.7803E-01	1.18089	0.1385E-01	200.9
351	203.5	1649.8	1.3-9.99900	-0.9999E+04	1.18091	0.1387E-01	200.9	
351	204.0	1649.8	1.5	0.46897	0.8177E-01	1.18094	0.1389E-01	201.1
351	204.5	1650.5	1.6	0.46928	0.8249E-01	1.18098	0.1393E-01	200.7
351	205.0	1648.4	1.5	0.46852	0.8072E-01	1.18108	0.1392E-01	201.2
351	205.5	1647.6	1.6	0.46788	0.8386E-01	1.18113	0.1396E-01	200.8
351	206.0	1647.4	1.7-9.99900	-0.9999E+04	1.18075	0.1374E-01	200.8	
351	206.5	1648.6	1.7-9.99900	-0.9999E+04	1.18134	0.1392E-01	200.9	
351	207.0	1649.4	1.6	0.47116	0.8683E-01	1.18134	0.1392E-01	200.9
351	207.5	1651.9	1.6	0.47146	0.8751E-01	1.18144	0.1393E-01	200.4

351	208.0	1652.9	1.6-9.99900	-.9999E+04	1.18146	0.1434E-01	200.8
351	208.5	1652.9	1.5 0.44179	0.1906E-01	1.18148	0.1436E-01	200.7
351	209.0	1649.8	1.4 0.45159	0.4167E-01	1.18461	0.1704E-01	200.8
351	209.5	1650.5	1.6 0.45192	0.4245E-01	1.18117	0.1409E-01	200.8
351	210.0	1647.2	1.1 0.45059	0.3936E-01	1.18175	0.1459E-01	200.9
351	210.5	1648.2	1.6 0.44750	0.3223E-01	1.18180	0.1464E-01	200.7
351	211.0	1651.1	1.5 0.45616	0.5222E-01	1.18393	0.1646E-01	200.8
351	211.5	1651.1	2.0 0.47347	0.9215E-01	1.18188	0.1470E-01	200.8
351	212.0	1651.8	1.6 0.46542	0.7357E-01	1.18196	0.1477E-01	200.8
351	212.5	1650.8	1.7 0.44835	0.3420E-01	1.18201	0.1481E-01	200.5
351	213.0	1646.6	1.3 0.46446	0.7137E-01	1.18198	0.1479E-01	200.7
351	213.5	1648.2	1.5-9.99900	-.9999E+04	1.18211	0.1490E-01	200.7
351	214.0	1650.4	1.4 0.46453	0.7151E-01	1.18042	0.1345E-01	200.9
351	214.5	1653.7	1.6 0.46517	0.7301E-01	1.18224	0.1501E-01	200.9
351	215.0	1655.2	1.4 0.45599	0.5183E-01	1.18228	0.1505E-01	200.6
351	215.5	1652.0	1.5 0.44302	0.2191E-01	1.18378	0.1633E-01	200.7
351	216.0	1651.3	1.3 0.47667	0.9953E-01	1.18232	0.1506E-01	200.6
351	216.5	1652.8	1.3 0.47815	0.1029E+00	1.18248	0.1522E-01	200.8
351	217.0	1653.6	1.6 0.47843	0.1036E+00	1.18242	0.1517E-01	200.7
351	217.5	1652.0	1.4 0.47890	0.1047E+00	1.18258	0.1530E-01	200.7
351	218.0	1652.8	1.6-9.99900	-.9999E+04	1.18260	0.1532E-01	200.8
351	218.5	1648.4	1.3 0.47951	0.1061E+00	1.18272	0.1543E-01	200.5
351	219.0	1649.2	1.4 0.48008	0.1074E+00	1.18279	0.1549E-01	200.6
351	219.5	1649.1	1.6 0.48037	0.1081E+00	1.15331	-.9625E-02	200.5
351	220.0	1648.7	1.5-9.99900	-.9999E+04	1.18286	0.1554E-01	200.2
351	220.5	1648.7	1.3 0.48112	0.1098E+00	1.18287	0.1555E-01	200.5
351	221.0	1648.7	1.4 0.48158	0.1108E+00	1.18299	0.1566E-01	200.6
351	221.5	1648.0	1.5 0.48197	0.1118E+00	1.18304	0.1570E-01	200.8
351	222.0	1649.1	1.4-9.99900	-.9999E+04	1.18309	0.1574E-01	200.5
351	222.5	1644.5	1.6-9.99900	-.9999E+04	1.18307	0.1573E-01	200.7
351	223.0	1646.7	1.6-9.99900	-.9999E+04	1.18309	0.1574E-01	200.9
351	223.5	1650.3	1.8 0.48357	0.1154E+00	1.18323	0.1586E-01	200.9
351	224.0	1652.2	1.5 0.48384	0.1161E+00	1.18330	0.1592E-01	200.7
351	224.5	1653.3	1.4-9.99900	-.9999E+04	1.18330	-.9999E+04	200.5
351	225.0	1653.8	1.5 0.48385	0.1161E+00	1.18334	0.1596E-01	200.5
351	225.5	1650.9	1.2 0.48517	0.1191E+00	1.18333	0.1595E-01	200.6
351	226.0	1648.1	1.8 0.48554	0.1200E+00	1.18346	0.1606E-01	200.8
351	226.5	1648.3	1.5 0.48491	0.1185E+00	1.18340	0.1601E-01	200.7
351	227.0	1649.4	1.6 0.48624	0.1216E+00	1.18354	0.1613E-01	200.9
351	227.5	1650.7	1.9 0.46565	0.7411E-01	1.18361	0.1619E-01	200.9
351	228.0	1653.6	1.4 0.48707	0.1235E+00	1.18373	0.1629E-01	201.2
351	228.5	1655.0	1.6 0.48660	0.1224E+00	1.18376	0.1632E-01	201.0
351	229.0	1653.5	1.4 0.45665	0.5334E-01	1.18384	0.1639E-01	200.7
351	229.5	1653.1	1.3 0.48841	0.1266E+00	1.18386	0.1640E-01	200.8
351	230.0	1650.7	1.3 0.47245	0.8979E-01	1.18387	0.1641E-01	201.0
351	230.5	1650.6	1.5 0.48836	0.1265E+00	1.18403	0.1655E-01	201.1
351	231.0	1650.2	1.7 0.48943	0.1290E+00	1.18409	0.1660E-01	201.0
351	231.5	1649.7	1.6 0.48913	0.1283E+00	1.18417	0.1667E-01	200.7
351	232.0	1649.5	1.4 0.48949	0.1291E+00	1.18420	0.1669E-01	201.0
351	232.5	1649.0	1.2 0.42645	-.1632E-01	1.18426	0.1674E-01	201.0
351	233.0	1650.9	1.3 0.47040	0.6505E-01	1.18434	0.1681E-01	201.0
351	233.5	1651.1	1.4 0.49144	0.1336E+00	1.18451	0.1696E-01	200.6
351	234.0	1651.2	1.8 0.46962	0.8327E-01	1.18446	0.1692E-01	200.9
351	234.5	1650.4	1.8-9.99900	-.9999E+04	1.18448	0.1693E-01	201.1
351	235.0	1649.6	1.4-9.99900	-.9999E+04	1.18460	0.1704E-01	201.0
351	235.5	1649.6	1.5 0.45720	0.5461E-01	1.18463	0.1706E-01	201.0
351	236.0	1650.1	1.7 0.49280	0.1367E+00	1.18469	0.1711E-01	201.1
351	236.5	1649.5	1.6 0.48536	0.1196E+00	1.18479	0.1720E-01	200.6
351	237.0	1651.4	1.6 0.47133	0.8721E-01	1.18488	0.1728E-01	200.9
351	237.5	1651.3	1.6 0.49405	0.1396E+00	1.18494	0.1733E-01	200.6

351	238.0	1650.6	1.1	0.48355	0.1154E+00	1.18501	0.1739E-01	200.9
351	238.5	1650.5	1.3	0.49568	0.1434E+00	1.18514	0.1750E-01	200.7
351	239.0	1651.5	1.2	-9.49900	-.9999E+04	1.18510	0.1747E-01	200.8
351	239.5	1651.3	1.3	-9.49900	-.9999E+04	1.18527	0.1761E-01	201.0
351	240.0	1652.7	1.6	-9.99900	-.9999E+04	1.18524	0.1758E-01	200.8
351	240.5	1651.3	1.1	0.49711	0.1467E+00	1.18534	0.1767E-01	200.8
351	241.0	1650.1	1.5	-9.49900	-.9999E+04	1.18543	0.1775E-01	200.6
351	241.5	1650.1	1.3	-9.49900	-.9999E+04	1.18543	0.1775E-01	200.7
351	242.0	1649.0	1.6	-9.99900	-.9999E+04	1.18554	0.1784E-01	200.5
351	242.5	1646.8	1.1	-9.99900	-.9999E+04	1.18556	0.1786E-01	201.0
351	243.0	1648.7	1.4	0.49931	0.1518E+00	1.18605	0.1828E-01	200.7
351	243.5	1648.8	1.6	0.48463	0.1179E+00	1.18569	0.1797E-01	201.0
351	244.0	1650.4	1.6	0.49982	0.1529E+00	1.18580	0.1807E-01	200.9
351	244.5	1648.8	1.6	0.50029	0.1540E+00	1.18587	0.1812E-01	200.9
351	245.0	1648.9	1.6	-9.99900	-.9999E+04	1.18586	0.1812E-01	200.9
351	245.5	1649.9	1.4	-9.99900	-.9999E+04	1.18599	0.1823E-01	200.9
351	246.0	1650.0	1.6	-9.99900	-.9999E+04	1.18604	0.1827E-01	201.0
351	246.5	1651.1	1.5	-9.99900	-.9999E+04	1.18606	0.1831E-01	200.5
351	247.0	1652.7	1.6	-9.49900	-.9999E+04	-9.99900	-.9999E+04	200.7
351	247.5	1651.8	1.3	0.42413	-.1014E-01	1.18615	0.1837E-01	200.9
351	248.0	1648.9	1.6	0.48810	0.1259E+00	1.18623	0.1843E-01	200.6
351	248.5	1649.9	1.0	-9.99900	-.9999E+04	1.17148	0.5171E-02	200.7
351	249.0	1650.0	1.3	-9.99900	-.9999E+04	1.18630	0.1850E-01	201.0
351	249.5	1650.0	1.6	-9.99900	-.9999E+04	1.18637	0.1856E-01	200.7
351	250.0	1650.3	1.4	0.47115	0.8680E-01	1.18637	0.1855E-01	200.6
351	250.5	1649.0	1.2	0.44147	0.1833E-01	1.18642	0.1860E-01	200.7
351	251.0	1649.4	1.4	0.50604	0.1673E+00	1.18651	0.1866E-01	200.9
351	251.5	1650.7	1.4	-9.99900	-.9999E+04	1.18657	0.1873E-01	201.1
351	252.0	1650.8	1.2	-9.99900	-.9999E+04	1.18634	0.1853E-01	200.9
351	252.5	1649.5	1.1	-9.99900	-.9999E+04	1.18665	0.1880E-01	200.4
351	253.0	1647.7	1.3	-9.99900	-.9999E+04	1.18669	0.1883E-01	200.9
351	253.5	1649.0	1.1	-9.99900	-.9999E+04	1.18679	0.1892E-01	201.0
351	254.0	1649.8	1.3	0.50868	0.1734E+00	1.18690	0.1901E-01	200.7
351	254.5	1651.5	1.3	-9.99900	-.9999E+04	1.18695	0.1905E-01	200.9
351	255.0	1650.6	1.1	0.50522	0.1654E+00	1.18681	0.1893E-01	200.8
351	255.5	1651.8	1.3	0.51052	0.1776E+00	1.18696	0.1906E-01	200.9
351	256.0	1651.7	1.4	0.51091	0.1785E+00	1.18699	0.1909E-01	200.7
351	256.5	1650.6	1.5	-9.99900	-.9999E+04	1.18711	0.1919E-01	200.8
351	257.0	1649.6	1.1	-9.99900	-.9999E+04	1.18714	0.1922E-01	200.9
351	257.5	1648.8	1.1	0.51229	0.1817E+00	1.18718	0.1925E-01	200.7
351	258.0	1650.2	1.2	0.51284	0.1830E+00	1.18723	0.1930E-01	200.7
351	258.5	1649.9	1.5	0.51326	0.1839E+00	1.18731	0.1936E-01	200.5
351	259.0	1648.8	1.3	0.51371	0.1850E+00	1.18736	0.1941E-01	200.4
351	259.5	1647.9	1.4	0.51425	0.1862E+00	1.18740	0.1944E-01	200.9
351	260.0	1649.8	1.4	0.51489	0.1877E+00	1.18741	0.1945E-01	200.6
351	260.5	1650.9	1.4	0.51523	0.1885E+00	1.18760	0.1961E-01	200.7
351	261.0	1651.2	1.0	0.51595	0.1901E+00	1.18769	0.1969E-01	200.6
351	261.5	1651.9	1.2	0.51659	0.1916E+00	1.18778	0.1977E-01	200.6
351	262.0	1652.3	1.3	0.51681	0.1921E+00	1.18773	0.1972E-01	200.5
351	262.5	1651.3	1.1	0.51747	0.1936E+00	1.18787	0.1984E-01	200.6
351	263.0	1653.2	1.2	0.51786	0.1945E+00	1.18789	0.1986E-01	200.4
351	263.5	1651.2	1.4	-9.99900	-.9999E+04	1.18797	0.1993E-01	200.7
351	264.0	1652.1	1.3	-9.99900	-.9999E+04	1.18805	0.2000E-01	200.7
351	264.5	1650.6	1.3	-9.99900	-.9999E+04	1.18810	0.2004E-01	200.7
351	265.0	1650.3	1.3	-9.99900	-.9999E+04	1.18812	0.2006E-01	200.7
351	265.5	1648.9	1.0	-9.99900	-.9999E+04	1.18818	0.2011E-01	200.6
351	266.0	1648.9	1.0	-9.99900	-.9999E+04	1.18820	0.2013E-01	200.7
351	266.5	1648.3	1.3	-9.99900	-.9999E+04	1.18823	0.2015E-01	200.6
351	267.0	1646.4	1.5	-9.99900	-.9999E+04	1.18828	0.2020E-01	200.8
351	267.5	1647.3	1.5	-9.99900	-.9999E+04	1.18838	0.2028E-01	200.5

351	268.0	1648.0	1.1-9.99900	-.9999E+04	1.18844	0.2033E-01	200.
351	268.5	1648.2	1.4-9.99900	-.9999E+04	1.18855	0.2043E-01	200.4
351	269.0	1648.7	1.6-9.99900	-.9999E+04	1.18860	0.2047E-01	200.6
351	269.5	1647.5	1.4-9.99900	-.9999E+04	1.18870	0.2055E-01	200.3
351	270.0	1647.8	1.3-9.99900	-.9999E+04	1.18867	0.2053E-01	200.4
351	270.5	1650.7	1.2-9.99900	-.9999E+04	1.18877	0.2062E-01	200.7
351	271.0	1651.6	1.1-9.99900	-.9999E+04	1.18880	0.2065E-01	200.5
351	271.5	1652.2	1.2-9.99900	-.9999E+04	1.18892	0.2074E-01	200.6
351	272.0	1653.2	1.0-9.99900	-.9999E+04	1.18894	0.2078E-01	200.7
351	272.5	1650.5	1.4-9.99900	-.9999E+04	1.18897	0.2079E-01	200.6
351	273.0	1649.2	1.4-9.99900	-.9999E+04	1.18912	0.2092E-01	200.6
351	273.5	1650.4	1.3-9.99900	-.9999E+04	1.18908	0.2086E-01	200.8

352	155.0							
352	150.0	1615.6	0.5	0.43975	0.1179E-01	1.15449	-.1813E-02	298.0
352	150.5	1614.6	0.6	0.43728	0.6131E-02	1.15446	-.1840E-02	298.1
352	151.0	1613.6	0.6	0.43732	0.6220E-02	1.15445	-.1847E-02	298.1
352	151.5	1613.2	0.2	0.43725	0.6056E-02	1.15451	-.1800E-02	297.9
352	152.0	1614.3	0.3	0.43737	0.6317E-02	1.15449	-.1813E-02	297.9
352	152.5	1613.1	0.4	0.43740	0.6392E-02	1.15458	-.1733E-02	298.0
352	153.0	1611.2	0.8	0.43743	0.6459E-02	1.15472	-.1812E-02	298.0
352	153.5	1608.8	0.5	0.43741	0.6422E-02	1.15480	-.1545E-02	298.0
352	154.0	1611.3	0.9	0.43749	0.6593E-02	1.15486	-.1448E-02	297.8
352	154.5	1612.1	0.8	0.43768	0.7048E-02	1.15499	-.1383E-02	283.8
352	155.0	1610.6	1.1	0.44054	0.1363E-01	1.15489	-.1471E-02	281.0
352	155.5	1609.7	1.1	0.44072	0.1404E-01	1.15512	-.1269E-02	264.3
352	156.0	1611.4	1.3	0.44046	0.1343E-01	1.15519	-.1209E-02	267.8
352	156.5	1610.1	1.2	0.44051	0.1355E-01	1.15515	-.1242E-02	271.1
352	157.0	1611.8	1.3	0.44094	0.1454E-01	1.15528	-.1135E-02	274.4
352	157.5	1612.6	1.0	0.43960	0.1146E-01	1.15538	-.1041E-02	277.5
352	158.0	1610.5	1.0	0.44183	0.1658E-01	1.15544	-.9938E-03	280.7
352	158.5	1614.1	0.9	0.44224	0.1754E-01	1.15542	-.1007E-02	283.9
352	159.0	1613.6	1.1	0.44260	0.1836E-01	1.15551	-.9534E-03	287.0
352	159.5	1613.3	1.1	0.44295	0.1916E-01	1.15563	-.8280E-03	289.9
352	160.0	1613.0	1.1	0.44323	0.1980E-01	1.15577	-.7118E-03	293.2
352	160.5	1614.0	1.4	0.44375	0.2100E-01	1.15565	-.8128E-03	296.2
352	161.0	1616.7	1.3	0.44426	0.2217E-01	1.15572	-.7521E-03	298.9
352	161.5	1615.1	0.9	0.44462	0.2301E-01	1.15580	-.6850E-03	302.4
352	162.0	1616.0	1.1	0.44512	0.2416E-01	1.15584	-.6488E-03	305.4
352	162.5	1616.7	1.2	0.44560	0.2526E-01	1.15587	-.6245E-03	308.1
352	163.0	1617.0	0.7	0.44616	0.2655E-01	1.15580	-.6850E-03	308.1
352	163.5	1616.2	1.3	0.44664	0.2766E-01	1.15590	-.5977E-03	303.8
352	164.0	1614.5	1.1	0.44699	0.2847E-01	1.15601	-.4969E-03	301.4
352	164.5	1616.3	1.1	0.44753	0.2971E-01	1.15598	-.5238E-03	299.7
352	165.0	1618.5	1.1	0.44799	0.3075E-01	1.15614	-.3895E-03	299.4
352	165.5	1620.5	0.8	0.44845	0.3181E-01	1.15618	-.3694E-03	299.6
352	166.0	1620.6	0.5	0.44898	0.3305E-01	1.15609	-.4298E-03	299.9
352	166.5	1621.4	1.0	0.44954	0.3433E-01	1.15620	-.3357E-03	300.0
352	167.0	1620.7	0.8	0.45003	0.3547E-01	1.15621	-.3290E-03	299.8
352	167.5	1621.4	1.2	0.45062	0.3692E-01	1.15629	-.2552E-03	299.5
352	168.0	1622.2	1.2	0.45115	0.3803E-01	1.15947	0.2494E-02	299.6
352	168.5	1622.2	1.4	0.45182	0.3957E-01	1.15635	-.2081E-03	299.2
352	169.0	1624.0	1.0	0.45228	0.4064E-01	1.15637	-.1881E-03	299.5
352	169.5	1623.3	1.0	0.45300	0.4228E-01	1.15631	-.2417E-03	299.1
352	170.0	1622.1	1.0	0.45359	0.4366E-01	1.15648	-.9393E-04	299.0
352	170.5	1623.2	0.9	0.45395	0.4448E-01	1.15645	-.1188E-03	299.0
352	171.0	1626.1	1.3	0.45449	0.4573E-01	1.15653	-.4697E-04	299.4
352	171.5	1627.1	1.1	0.45510	0.4713E-01	1.15662	0.2681E-04	299.3
352	172.0	1625.7	1.1	0.45554	0.4813E-01	1.15660	0.6755E-05	299.3
352	172.5	1624.9	0.9	0.45615	0.4955E-01	1.15671	0.1007E-03	299.4
352	173.0	1625.4	0.6	0.45678	0.5099E-01	1.15680	0.1813E-03	299.6
352	173.5	1625.2	0.7	0.45727	0.5211E-01	1.15678	0.1611E-03	299.5
352	174.0	1627.4	1.2	0.45812	0.5407E-01	1.15681	0.1880E-03	299.7
352	174.5	1625.6	1.1	0.45877	0.5557E-01	1.15687	0.2417E-03	299.6
352	175.0	1626.6	1.1	0.45951	0.5727E-01	1.15686	0.2349E-03	299.4
352	175.5	1629.3	1.1	0.46017	0.5878E-01	1.16079	0.3033E-02	299.6
352	176.0	1631.1	1.3	0.46080	0.6024E-01	1.16080	0.3093E-02	299.7
352	176.5	1631.3	0.5	0.46159	0.6206E-01	1.16157	0.4311E-02	299.4
352	177.0	1633.5	0.7	0.46216	0.6338E-01	1.16233	0.4788E-02	299.4
352	177.5	1631.8	1.2	0.46293	0.6514E-01	1.16202	0.4697E-02	299.1
352	178.0	1630.4	0.9	0.46360	0.6669E-01	1.16525	0.7487E-02	299.1
352	178.5	1630.8	1.0	0.46424	0.6815E-01	1.16690	0.8711E-02	299.2
352	179.0	1633.0	1.0	0.46509	0.7012E-01	1.16699	0.8745E-02	299.2

352	179.5	1634.4	1.3	0.46594	0.7206E-01	1.16724	0.9210E-02	299.
352	180.0	1632.4	1.0	0.46655	0.7346E-01	1.16721	0.9180E-02	299.3
352	180.5	1631.9	0.9	0.46739	0.7540E-01	1.16735	0.9307E-02	299.1
352	181.0	1630.8	1.0	0.46830	0.7744E-01	1.16724	0.9206E-02	298.8
352	181.5	1634.3	1.3	0.46898	0.7907E-01	1.16745	0.9388E-02	299.2
352	182.0	1634.7	1.2	0.46980	0.8093E-01	1.16736	0.9314E-02	299.2
352	182.5	1638.6	1.4	0.47066	0.8292E-01	1.16740	0.9347E-02	299.0
352	183.0	1636.6	0.6	0.47143	0.8469E-01	1.16752	0.9448E-02	299.0
352	183.5	1638.7	1.1	0.47238	0.8689E-01	1.16762	0.9539E-02	298.9
352	184.0	1638.0	1.5	0.47331	0.8902E-01	1.16752	0.9455E-02	299.1
352	184.5	1639.3	1.1	0.47418	0.9101E-01	1.16770	0.9606E-02	299.0
352	185.0	1640.3	0.9	0.47507	0.9307E-01	1.16775	0.9650E-02	299.0
352	185.5	1640.5	1.1	0.47604	0.9530E-01	1.16779	0.9683E-02	299.0
352	186.0	1638.7	0.9	0.47700	0.9751E-01	1.16788	0.9764E-02	298.8
352	186.5	1637.8	1.1	0.47801	0.9983E-01	1.16798	0.9848E-02	299.0
352	187.0	1641.1	1.2	0.47900	0.1021E+00	1.16804	0.9896E-02	298.7
352	187.5	1643.6	0.9	0.48004	0.1045E+00	1.16824	0.1007E-01	298.7
352	188.0	1645.7	1.1	0.48117	0.1071E+00	1.16836	0.1017E-01	299.0
352	188.5	1644.2	0.9	0.48222	0.1095E+00	1.16843	0.1024E-01	298.5
352	189.0	1642.6	1.1	0.48333	0.1121E+00	1.16855	0.1034E-01	298.7
352	189.5	1645.4	1.0	0.48449	0.1147E+00	1.16865	0.1043E-01	298.7
352	190.0	1642.2	0.8	0.48565	0.1174E+00	1.16868	0.1046E-01	299.0
352	190.5	1644.7	1.0	0.48685	0.1202E+00	1.16878	0.1054E-01	298.8
352	191.0	1650.0	1.1	0.48809	0.1230E+00	1.16883	0.1058E-01	298.8
352	191.5	1649.9	0.7	0.48923	0.1257E+00	1.16890	0.1064E-01	298.5
352	192.0	1652.9	1.1	0.49063	0.1289E+00	1.16704	0.9033E-02	298.6
352	192.5	1653.0	0.5	0.49169	0.1313E+00	1.16902	0.1074E-01	298.6
352	193.0	1649.2	0.4	0.49308	0.1345E+00	1.16917	0.1088E-01	298.6
352	193.5	1648.3	0.7	0.49434	0.1374E+00	1.16912	0.1083E-01	298.6
352	194.0	1648.9	0.9	0.49560	0.1403E+00	1.16931	0.1100E-01	298.9
352	194.5	1650.5	1.3	0.49703	0.1436E+00	1.16929	0.1098E-01	298.7
352	195.0	1649.9	0.8	0.49814	0.1462E+00	1.16930	0.1099E-01	298.5
352	195.5	1650.6	1.4	0.49938	0.1490E+00	1.16941	0.1108E-01	298.7
352	196.0	1648.7	1.0	0.50055	0.1517E+00	1.16945	0.1112E-01	298.3
352	196.5	1647.1	0.9	0.50217	0.1554E+00	1.16953	0.1119E-01	298.7
352	197.0	1644.8	0.7	0.50368	0.1589E+00	1.16957	0.1122E-01	298.6
352	197.5	1646.5	0.9	0.50527	0.1625E+00	1.16959	0.1124E-01	298.6
352	198.0	1651.9	1.3	0.50674	0.1659E+00	1.16952	0.1118E-01	298.6
352	198.5	1653.8	1.2	0.50846	0.1699E+00	1.16970	0.1133E-01	298.5
352	199.0	1655.1	1.4	0.50862	0.1703E+00	1.16189	0.4580E-02	298.3

353	100.5						
353	97.5	1627.4	2.3	0.43685	7.521E-03	1.16477	7.775E-03 15.9
353	98.0	1627.4	2.3	0.43685	7.521E-03	1.16477	7.775E-03 15.9
353	98.5	1627.4	2.3	0.43685	7.521E-03	1.16477	7.775E-03 15.9
353	99.0	1627.4	2.3	0.43685	7.521E-03	1.16477	7.775E-03 15.9
353	99.5	1627.4	2.3	0.43685	7.521E-03	1.16477	7.775E-03 15.9
353	100.0	1627.4	2.3	0.43685	7.521E-03	1.16477	7.775E-03 15.9
353	100.5	1624.2	2.4	0.43731	8.583E-03	1.16532	8.245E-03 388.8
353	101.0	1620.4	2.8	.43826	1.078E-02	1.16538	8.299E-03 369.6
353	101.5	1620.6	2.5	.43899	1.247E-02	1.16558	8.474E-03 374.2
353	102.0	1620.6	2.8	.43973	1.416E-02	1.16561	8.494E-03 380.4
353	102.5	1623.0	2.6	.44042	1.576E-02	1.16573	8.601E-03 386.6
353	103.0	1623.4	2.5	.44128	1.773E-02	1.16582	8.582E-03 392.3
353	103.5	1625.4	3.0	.44216	1.978E-02	1.16583	8.684E-03 400.8
353	104.0	1625.2	2.5	.44301	2.174E-02	1.16599	8.630E-03 406.8
353	104.5	1626.5	2.6	0.44414	0.2433E-01	1.16606	0.8687E-02 392.3
353	105.0	1627.2	2.7	0.44527	0.2692E-01	1.16608	0.8407E-02 398.3
353	105.5	1628.1	3.0	0.44643	0.2961E-01	1.16622	0.9031E-02 404.0
353	106.0	1626.3	2.9	0.44758	0.3225E-01	1.16626	0.9062E-02 409.7
353	106.5	1625.7	2.8	0.44885	0.3518E-01	1.16632	0.9112E-02 413.5
353	107.0	1627.0	2.2	0.44989	0.3759E-01	1.16589	0.8744E-02 409.5
353	107.5	1582.3	2.5	-9.99900	-.9999E+04	1.15942	0.3148E-02 304.3
353	108.0	1560.5	3.0	-9.99900	-.9999E+04	1.15949	0.3209E-02 317.6
353	108.5	1547.4	3.8	-9.99900	-.9999E+04	1.15956	0.3262E-02 320.3
353	109.0	1547.8	3.5	-9.99900	-.9999E+04	1.15961	0.3309E-02 333.4

411	291.5						
411	286.5	1649.8	2.2	0.43727	0.9063E-02	1.21790	0.1330E-01
411	287.0	1649.6	2.1	0.43735	0.9243E-02	1.21789	0.1329E-01
411	287.5	1648.9	2.3	0.43735	0.9243E-02	1.21789	0.1329E-01
411	288.0	1650.2	2.1	0.43737	0.9288E-02	1.20589	0.1330E-02
411	288.5	1650.1	2.1	0.43740	0.9378E-02	1.21796	0.1335E-01
411	289.0	1648.1	2.2	0.43739	0.9348E-02	1.21792	0.1331E-01
411	289.5	1648.2	2.2	0.43740	0.9363E-02	1.21796	0.1335E-01
411	290.0	1647.4	2.3	0.43739	0.9348E-02	1.21793	0.1332E-01
411	290.5	1648.7	2.0	0.43735	0.9258E-02	1.21803	0.1340E-01
411	291.0	1647.9	2.5	0.43745	0.9482E-02	1.21803	0.1341E-01
411	291.5	1651.1	2.4	0.43777	0.1023E-01	1.21822	0.1356E-01
411	292.0	1651.3	2.2	0.43796	0.1066E-01	1.21823	0.1357E-01
411	292.5	1650.7	2.2	0.43807	0.1090E-01	1.21824	0.1358E-01
411	293.0	1648.3	2.2	0.43811	0.1101E-01	1.21823	0.1357E-01
411	293.5	1649.9	2.5	0.43831	0.1146E-01	1.21830	0.1363E-01
411	294.0	1649.2	2.2	0.43835	0.1156E-01	1.21823	0.1357E-01
411	294.5	1650.5	2.2	0.43844	0.1176E-01	1.21831	0.1363E-01
411	295.0	1650.5	2.5	0.43853	0.1197E-01	1.21835	0.1367E-01
411	295.5	1650.8	2.2	0.43859	0.1212E-01	1.21845	0.1375E-01
411	296.0	1649.9	2.3	0.43868	0.1231E-01	1.21842	0.1373E-01
411	296.5	1648.5	2.2	0.43873	0.1243E-01	1.21843	0.1374E-01
411	297.0	1647.7	2.3	0.43878	0.1255E-01	1.21842	0.1373E-01
411	297.5	1647.7	2.4	0.43883	0.1267E-01	1.21846	0.1376E-01
411	298.0	1647.8	2.1	0.43883	0.1267E-01	1.21848	0.1378E-01
411	298.5	1648.0	2.5	0.43904	0.1315E-01	1.21850	0.1380E-01
411	299.0	1647.9	2.2	0.43912	0.1334E-01	1.21849	0.1378E-01
411	299.5	1647.8	2.3	0.43913	0.1336E-01	1.21856	0.1384E-01
411	300.0	1648.3	2.3	0.43927	0.1367E-01	1.21856	0.1384E-01
411	300.5	1646.2	2.3	0.43926	0.1366E-01	1.21861	0.1389E-01
411	301.0	1648.1	2.4	0.43943	0.1405E-01	1.21861	0.1389E-01
411	301.5	1649.2	2.2	0.43955	0.1433E-01	1.21866	0.1393E-01
411	302.0	1645.9	2.3	0.43966	0.1458E-01	1.21865	0.1392E-01
411	302.5	1647.4	2.3	0.43963	0.1452E-01	1.21870	0.1396E-01
411	303.0	1648.5	2.2	0.43973	0.1475E-01	1.21870	0.1396E-01
411	303.5	1651.0	2.4	0.43991	0.1515E-01	1.21873	0.1399E-01
411	304.0	1651.1	2.1	0.44001	0.1538E-01	1.21874	0.1400E-01
411	304.5	1649.1	2.4	0.44006	0.1550E-01	1.21876	0.1401E-01
411	305.0	1649.3	2.2	0.44004	0.1547E-01	1.21881	0.1405E-01
411	305.5	1650.0	2.2	0.44021	0.1584E-01	1.19910	-0.2348E-02
411	306.0	1650.1	2.2	0.44031	0.1608E-01	1.21869	0.1412E-01
411	306.5	1651.5	2.2	0.44032	0.1611E-01	1.21890	0.1413E-01
411	307.0	1652.8	2.5	0.44045	0.1639E-01	1.21869	0.1412E-01
411	307.5	1652.1	2.3	0.44046	0.1644E-01	1.21891	0.1414E-01
411	308.0	1651.9	2.2	0.44059	0.1672E-01	1.21897	0.1419E-01
411	308.5	1652.2	2.5	0.44071	0.1701E-01	1.21890	0.1413E-01
411	309.0	1650.8	2.2	0.44086	0.1735E-01	1.21893	0.1415E-01
411	309.5	1651.3	2.3	0.44093	0.1752E-01	1.21894	0.1416E-01
411	310.0	1649.6	2.3	0.44100	0.1768E-01	1.21897	0.1419E-01
411	310.5	1648.5	2.2	0.44102	0.1773E-01	1.21896	0.1416E-01
411	311.0	1647.6	2.4	0.44119	0.1812E-01	1.21905	0.1425E-01
411	311.5	1649.9	2.3	0.44128	0.1832E-01	1.21903	0.1424E-01
411	312.0	1648.7	2.3	0.44142	0.1865E-01	1.21902	0.1423E-01
411	312.5	1647.9	2.3	0.44144	0.1870E-01	1.21915	0.1434E-01
411	313.0	1647.0	2.2	0.44153	0.1889E-01	1.21915	0.1434E-01
411	313.5	1647.3	2.4	0.44164	0.1916E-01	1.21916	0.1435E-01
411	314.0	1649.4	2.2	0.44172	0.1934E-01	1.21917	0.1435E-01
411	314.5	1649.1	2.1	0.44184	0.1961E-01	1.21917	0.1435E-01
411	315.0	1650.4	2.6	0.44194	0.1984E-01	1.21920	0.1438E-01
411	315.5	1650.1	2.2	0.44201	0.2000E-01	1.21929	0.1445E-01

411	316.0	1649.2	2.3	0.44210	0.2022E-01	1.21930	0.1446E-01	153.1
411	316.5	1650.1	2.4	0.44216	0.2034E-01	1.21937	0.1452E-01	153.7
411	317.0	1649.8	2.1	0.44218	0.2034E-01	1.21933	0.1449E-01	153.4
411	317.5	1650.6	2.5	0.44222	0.2044E-01	1.21937	0.1452E-01	152.8
411	318.0	1651.0	2.4	0.44247	0.2106E-01	1.21938	0.1453E-01	153.7
411	318.5	1650.5	2.2	0.44252	0.2118E-01	1.21946	0.1459E-01	153.4
411	319.0	1651.2	2.3	0.44275	0.2172E-01	1.21945	0.1458E-01	153.9
411	319.5	1650.3	2.2	0.44282	0.2184E-01	1.21945	0.1459E-01	153.6
411	320.0	1650.5	2.4	0.44283	0.2190E-01	1.21949	0.1462E-01	153.7
411	320.5	1650.7	2.2	0.44295	0.2216E-01	1.21947	0.1460E-01	153.7
411	321.0	1648.2	2.0	0.44304	0.2238E-01	1.21951	0.1464E-01	154.1
411	321.5	1649.1	2.3	0.44309	0.2250E-01	1.21954	0.1466E-01	153.6
411	322.0	1650.0	2.2	0.44320	0.2275E-01	1.21959	0.1470E-01	152.9
411	322.5	1649.0	2.3	0.44324	0.2284E-01	1.21956	0.1468E-01	152.5
411	323.0	1648.0	2.2	0.44332	0.2304E-01	1.21962	0.1473E-01	152.5
411	323.5	1648.5	2.3	0.44351	0.2346E-01	1.21967	0.1477E-01	152.2
411	324.0	1648.8	2.5	0.44365	0.2379E-01	1.21967	0.1477E-01	151.8
411	324.5	1648.2	2.2	0.44364	0.2377E-01	1.21969	0.1478E-01	151.5
411	325.0	1647.9	2.3	0.44375	0.2401E-01	1.21974	0.1482E-01	151.2
411	325.5	1648.2	2.3	0.44387	0.2429E-01	1.21974	0.1482E-01	150.9
411	326.0	1649.7	2.2	0.44397	0.2453E-01	1.21977	0.1485E-01	150.6
411	326.5	1649.3	2.3	0.44402	0.2465E-01	1.21983	0.1490E-01	150.1
411	327.0	1651.9	2.2	0.44416	0.2497E-01	1.21983	0.1490E-01	150.0
411	327.5	1651.7	2.5	0.44428	0.2524E-01	1.21986	0.1493E-01	149.4
411	328.0	1651.4	2.3	0.44435	0.2540E-01	1.21993	0.1498E-01	149.2
411	328.5	1652.8	2.1	0.44450	0.2575E-01	1.21998	0.1501E-01	148.9
411	329.0	1651.5	2.2	0.44455	0.2586E-01	1.21994	0.1499E-01	149.2
411	329.5	1651.3	2.3	0.44461	0.2600E-01	1.22001	0.1505E-01	148.2
411	330.0	1650.4	2.5	0.44472	0.2627E-01	1.22000	0.1504E-01	148.4
411	330.5	1651.9	2.1	0.44476	0.2634E-01	1.21991	0.1497E-01	148.2
411	331.0	1652.2	2.4	0.44495	0.2679E-01	1.21994	0.1499E-01	147.6
411	331.5	1652.4	2.4	0.44504	0.2699E-01	1.22000	0.1504E-01	147.8
411	332.0	1651.8	2.1	0.44507	0.2706E-01	1.22001	0.1505E-01	147.1
411	332.5	1651.8	2.3	0.44521	0.2739E-01	1.22006	0.1510E-01	147.2
411	333.0	1651.8	2.3	0.44533	0.2768E-01	1.22011	0.1514E-01	147.1
411	333.5	1650.7	2.5	0.44542	0.2788E-01	1.22012	0.1514E-01	146.7
411	334.0	1650.2	2.1	0.44546	0.2797E-01	1.22010	0.1513E-01	146.6
411	334.5	1648.8	2.4	0.44557	0.2823E-01	1.22010	0.1513E-01	145.6
411	335.0	1648.0	2.4	0.44565	0.2841E-01	1.22016	0.1517E-01	146.1
411	335.5	1647.6	2.2	0.44564	0.2838E-01	1.22016	0.1518E-01	145.8
411	336.0	1645.1	2.4	0.44572	0.2857E-01	1.22016	0.1518E-01	145.5
411	336.5	1647.6	2.2	0.44588	0.2895E-01	1.22019	0.1520E-01	146.1
411	337.0	1648.2	2.5	0.44588	0.2895E-01	1.22022	0.1523E-01	145.5
411	337.5	1648.2	2.1	0.44600	0.2922E-01	1.22027	0.1527E-01	145.4
411	338.0	1650.2	2.4	0.44616	0.2959E-01	1.22024	0.1524E-01	145.5
411	338.5	1650.3	2.5	0.44624	0.2977E-01	1.22031	0.1531E-01	146.0
411	339.0	1651.2	2.3	0.44642	0.3019E-01	1.22037	0.1535E-01	145.5
411	339.5	1650.4	2.3	0.44642	0.3017E-01	1.22035	0.1533E-01	145.5
411	340.0	1652.0	2.3	0.44647	0.3029E-01	1.22042	0.1534E-01	145.4
411	340.5	1650.1	2.4	0.44643	0.3020E-01	1.22039	0.1537E-01	145.4
411	341.0	1648.8	2.2	0.44675	0.3095E-01	1.22045	0.1541E-01	145.7
411	341.5	1645.8	2.2	0.44685	0.3118E-01	1.22045	0.1542E-01	145.0
411	342.0	1646.3	2.5	0.44682	0.3112E-01	1.22050	0.1546E-01	145.4
411	342.5	1650.0	2.2	0.44691	0.3131E-01	1.22050	0.1546E-01	145.8
411	343.0	1651.5	2.4	0.44706	0.3166E-01	1.22045	0.1551E-01	145.5
411	343.5	1651.6	2.3	0.44708	0.3170E-01	1.22050	0.1551E-01	145.7
411	344.0	1649.9	2.4	0.44724	0.3207E-01	1.22053	0.1554E-01	146.2
411	344.5	1650.4	2.4	0.44723	0.3206E-01	1.22053	0.1554E-01	146.2
411	345.0	1648.8	2.2	0.44729	0.3219E-01	1.22062	0.1556E-01	146.2
411	345.5	1649.1	2.3	0.44751	0.3270E-01	1.22059	0.1553E-01	146.6

411	346.0	1649.7	2.2	0.44759	0.3288E-01	1.22063	0.1557E-01	146.9
411	346.5	1650.4	2.3	0.44767	0.3306E-01	1.22062	0.1556E-01	146.6
411	347.0	1648.0	2.3	0.44779	0.3335E-01	1.22069	0.1562E-01	147.0
411	347.5	1648.6	2.2	0.44784	0.3345E-01	1.22068	0.1561E-01	147.4
411	348.0	1649.4	2.5	0.44804	0.3393E-01	1.22071	0.1563E-01	147.1
411	348.5	1649.4	2.4	0.44810	0.3405E-01	1.20831	0.5315E-02	147.3
411	349.0	1650.0	2.3	0.44815	0.3418E-01	1.22075	0.1567E-01	147.7
411	349.5	1649.3	2.3	0.44823	0.3436E-01	1.22073	0.1565E-01	147.7
411	350.0	1650.9	2.3	0.44830	0.3451E-01	1.22076	0.1568E-01	148.4
411	350.5	1649.4	2.4	0.44839	0.3474E-01	1.22081	0.1572E-01	148.6
411	351.0	1650.4	2.2	0.44843	0.3481E-01	1.22082	0.1573E-01	148.7
411	351.5	1652.0	2.5	0.44859	0.3519E-01	1.22088	0.1578E-01	148.6
411	352.0	1650.5	2.4	0.44865	0.3534E-01	1.22081	0.1572E-01	148.5
411	352.5	1651.7	2.1	0.44877	0.3560E-01	1.22091	0.1580E-01	148.7
411	353.0	1650.4	2.3	0.44882	0.3571E-01	1.22096	0.1584E-01	149.2
411	353.5	1650.1	2.2	0.44893	0.3598E-01	1.22098	0.1586E-01	149.6
411	354.0	1648.8	2.3	0.44908	0.3632E-01	1.22092	0.1581E-01	149.1
411	354.5	1649.0	2.1	0.44915	0.3647E-01	1.22099	0.1587E-01	149.2
411	355.0	1649.2	2.1	0.44920	0.3660E-01	1.22105	0.1592E-01	149.8
411	355.5	1649.4	2.4	0.44930	0.3682E-01	1.22102	0.1564E-01	149.2
411	356.0	1648.6	2.1	0.44939	0.3704E-01	1.22106	0.1593E-01	149.4
411	356.5	1647.3	2.2	0.44945	0.3718E-01	1.22113	0.1596E-01	149.5
411	357.0	1649.2	2.2	0.44966	0.3767E-01	1.22115	0.1600E-01	149.5
411	357.5	1650.0	2.3	0.44968	0.3770E-01	1.22113	0.1596E-01	150.1
411	358.0	1650.8	2.2	0.44985	0.3810E-01	1.22123	0.1606E-01	150.4
411	358.5	1649.4	2.1	0.45005	0.3857E-01	1.22117	0.1602E-01	150.4
411	359.0	1651.7	2.3	0.45007	0.3861E-01	1.22124	0.1608E-01	150.3
411	359.5	1651.6	2.2	0.45018	0.3886E-01	1.22124	0.1607E-01	150.4
411	360.0	1652.6	2.3	0.45029	0.3912E-01	1.22123	0.1606E-01	151.2
411	360.5	1652.5	2.3	0.45046	0.3951E-01	1.22126	0.1609E-01	151.0
411	361.0	1651.7	2.1	0.45038	0.3932E-01	1.22129	0.1611E-01	150.8
411	361.5	1649.8	2.4	0.45054	0.3969E-01	1.22127	0.1610E-01	151.2
411	362.0	1650.4	2.3	0.45073	0.4012E-01	1.22135	0.1617E-01	151.1
411	362.5	1648.7	2.3	0.45072	0.4011E-01	1.22135	0.1616E-01	151.6
411	363.0	1648.9	2.3	0.45089	0.4050E-01	1.22134	0.1616E-01	151.6
411	363.5	1649.1	2.2	0.45084	0.4038E-01	1.22136	0.1618E-01	151.3
411	364.0	1650.2	2.5	0.45096	0.4066E-01	1.22139	0.1620E-01	150.8
411	364.5	1651.4	2.1	0.45108	0.4095E-01	1.22143	0.1624E-01	151.6
411	365.0	1650.8	2.4	0.45122	0.4126E-01	1.22138	0.1619E-01	151.4
411	365.5	1648.9	2.4	0.45132	0.4150E-01	1.22143	0.1624E-01	151.9
411	366.0	1649.4	2.3	0.45138	0.4163E-01	1.22141	0.1621E-01	152.2
411	366.5	1648.5	2.3	0.45148	0.4186E-01	1.22151	0.1630E-01	151.9
411	367.0	1648.8	2.3	0.45162	0.4219E-01	1.22149	0.1628E-01	152.4
411	367.5	1649.0	2.5	0.45176	0.4250E-01	1.22144	0.1624E-01	152.6
411	368.0	1647.6	2.2	0.45180	0.4261E-01	1.22142	0.1623E-01	151.6
411	368.5	1648.5	2.2	0.45195	0.4294E-01	1.22147	0.1627E-01	152.5
411	369.0	1649.2	2.5	0.45213	0.4335E-01	1.22149	0.1628E-01	152.8
411	369.5	1650.4	2.2	0.45215	0.4340E-01	1.22149	0.1629E-01	153.3
411	370.0	1650.8	2.3	0.45227	0.4368E-01	1.22150	0.1634E-01	152.7
411	370.5	1651.0	2.3	0.45236	0.4389E-01	1.22163	0.1640E-01	152.8
411	371.0	1648.7	2.4	0.45249	0.4419E-01	1.22160	0.1637E-01	152.9
411	371.5	1650.1	2.3	0.45260	0.4443E-01	1.22165	0.1642E-01	152.8
411	372.0	1650.2	2.1	0.45265	0.4457E-01	1.22166	0.1642E-01	153.7
411	372.5	1648.2	2.5	0.45281	0.4493E-01	1.22169	0.1645E-01	153.6
411	373.0	1648.7	2.2	0.45281	0.4493E-01	1.22173	0.1646E-01	153.3
411	373.5	1650.6	2.2	0.45297	0.4530E-01	1.22172	0.1647E-01	153.7
411	374.0	1649.9	2.1	0.45295	0.4525E-01	1.22169	0.1645E-01	153.8
411	374.5	1651.3	2.3	0.45313	0.4566E-01	1.22182	0.1656E-01	153.5
411	375.0	1651.5	2.4	0.45333	0.4612E-01	1.22174	0.1649E-01	154.3
411	375.5	1650.1	2.2	0.45335	0.4618E-01	1.22181	0.1655E-01	153.9

411	376.0	1648.7	2.4	0.45347	0.4645E-01	1.22180	0.1654E-01	153.8
411	376.5	1644.4	2.3	0.45354	0.4660E-01	1.22181	0.1655E-01	154.3
411	377.0	1651.5	2.3	0.45367	0.4692E-01	1.22179	0.1654E-01	153.8
411	377.5	1648.5	2.5	0.45379	0.4720E-01	1.22184	0.1657E-01	154.0
411	378.0	1647.9	2.2	0.45385	0.4732E-01	1.22189	0.1662E-01	154.3
411	378.5	1646.6	2.4	0.45401	0.4771E-01	1.22186	0.1659E-01	154.5
411	379.0	1646.3	2.3	0.45405	0.4778E-01	1.22188	0.1661E-01	154.4
411	379.5	1647.4	2.2	0.45425	0.4825E-01	1.22193	0.1665E-01	154.1
411	380.0	1650.3	2.3	0.45429	0.4834E-01	1.22193	0.1665E-01	154.8
411	380.5	1651.2	2.2	0.45447	0.4876E-01	1.22200	0.1671E-01	154.5
411	381.0	1651.6	2.4	0.45453	0.4884E-01	1.22197	0.1668E-01	154.9
411	381.5	1651.5	2.1	0.45467	0.4922E-01	1.22191	0.1663E-01	154.3
411	382.0	1651.2	2.2	0.45463	0.4913E-01	1.22207	0.1676E-01	154.7
411	382.5	1650.9	2.4	0.45490	0.4974E-01	1.22204	0.1674E-01	154.8
411	383.0	1651.7	2.1	0.45494	0.4983E-01	1.22212	0.1681E-01	155.0
411	383.5	1652.6	2.2	0.45502	0.5003E-01	1.22208	0.1676E-01	155.2
411	384.0	1652.0	2.1	0.45505	0.5010E-01	1.22208	0.1678E-01	154.8
411	384.5	1652.1	2.2	0.45523	0.5051E-01	1.22214	0.1682E-01	155.3
411	385.0	1651.4	2.2	0.45525	0.5057E-01	1.22209	0.1678E-01	155.4
411	385.5	1650.8	2.0	0.45553	0.5119E-01	1.22218	0.1684E-01	155.1
411	386.0	1649.3	2.3	0.45551	0.5116E-01	1.22219	0.1686E-01	155.6
411	386.5	1649.1	2.1	0.45571	0.5161E-01	1.22215	0.1683E-01	155.4
411	387.0	1647.5	2.2	0.45572	0.5164E-01	1.22220	0.1688E-01	155.4
411	387.5	1648.7	2.2	0.45593	0.5212E-01	1.22218	0.1684E-01	155.4
411	388.0	1649.2	2.0	0.45591	0.5209E-01	1.22218	0.1686E-01	155.5
411	388.5	1649.0	2.3	0.45612	0.5257E-01	1.22223	0.1690E-01	155.2
411	389.0	1646.6	2.0	0.45621	0.5277E-01	1.22225	0.1691E-01	154.8
411	389.5	1648.1	2.1	0.45628	0.5294E-01	1.22220	0.1687E-01	154.9
411	390.0	1647.8	2.1	0.45636	0.5311E-01	1.22219	0.1687E-01	154.2
411	390.5	1648.5	2.1	0.45645	0.5333E-01	1.22230	0.1696E-01	154.6
411	391.0	1650.9	2.3	0.45669	0.5389E-01	1.22236	0.1700E-01	153.7
411	391.5	1653.1	1.9	0.45676	0.5405E-01	1.22235	0.1700E-01	154.3
411	392.0	1653.7	2.2	0.45682	0.5419E-01	1.22237	0.1701E-01	154.4
411	392.5	1652.8	2.2	0.45704	0.5468E-01	1.22240	0.1704E-01	153.8
411	393.0	1652.9	2.1	0.45706	0.5473E-01	1.22239	0.1703E-01	154.0
411	393.5	1652.6	2.2	0.45717	0.5499E-01	1.22248	0.1710E-01	153.7
411	394.0	1652.3	2.2	0.45714	0.5492E-01	1.22251	0.1713E-01	153.5
411	394.5	1652.6	2.4	0.45736	0.5543E-01	1.22249	0.1712E-01	153.6
411	395.0	1651.5	2.0	0.45746	0.5565E-01	1.22247	0.1710E-01	153.3
411	395.5	1651.0	2.1	0.45754	0.5585E-01	1.22251	0.1713E-01	153.0
411	396.0	1652.6	2.3	0.45768	0.5618E-01	1.22247	0.1710E-01	152.9
411	396.5	1651.0	2.2	0.45769	0.5619E-01	1.22249	0.1711E-01	152.7
411	397.0	1649.7	2.3	0.45787	0.5660E-01	1.22252	0.1714E-01	152.7
411	397.5	1647.8	2.1	0.45798	0.5685E-01	1.22254	0.1716E-01	153.0
411	398.0	1649.3	2.3	0.45821	0.5739E-01	1.22249	0.1711E-01	152.4
411	398.5	1649.6	2.2	0.45829	0.5758E-01	1.22254	0.1716E-01	152.9
411	399.0	1651.5	2.0	0.45832	0.5764E-01	1.22256	0.1717E-01	152.7
411	399.5	1649.8	2.3	0.45848	0.5800E-01	1.22258	0.1719E-01	152.5
411	400.0	1648.4	2.1	0.45854	0.5815E-01	1.22264	0.1724E-01	152.0
411	400.5	1649.4	2.3	0.45869	0.5850E-01	1.22264	0.1724E-01	152.1
411	401.0	1648.6	2.2	0.45880	0.5875E-01	1.22271	0.1730E-01	151.7
411	401.5	1651.3	2.2	0.45886	0.5888E-01	1.22267	0.1726E-01	151.9
411	402.0	1648.6	2.4	0.45890	0.5899E-01	1.22270	0.1729E-01	151.7
411	402.5	1647.7	2.2	0.45909	0.5942E-01	1.22276	0.1734E-01	151.5
411	403.0	1649.1	2.2	0.45910	0.5945E-01	1.22266	0.1726E-01	151.4
411	403.5	1651.4	2.2	0.45925	0.5976E-01	1.22279	0.1736E-01	151.4
411	404.0	1652.5	2.2	0.45925	0.5980E-01	1.22278	0.1736E-01	151.5
411	404.5	1651.9	2.5	0.45945	0.6025E-01	1.22281	0.1738E-01	150.5
411	405.0	1651.7	2.1	0.45955	0.6047E-01	1.22289	0.1745E-01	151.3
411	405.5	1651.0	2.3	0.45964	0.6069E-01	1.22284	0.1741E-01	151.5

411	406.0	1650.2	2.3	0.45973	0.6089E-01	1.22283	0.1740E-01	151
411	406.5	1649.5	2.2	0.45992	0.6134E-01	1.22288	0.1744E-01	151.1
411	407.0	1648.7	2.2	0.46000	0.6152E-01	1.22283	0.1740E-01	151.2
411	407.5	1649.2	2.2	0.46010	0.6174E-01	1.22294	0.1749E-01	151.0
411	408.0	1649.5	2.4	0.46019	0.6197E-01	1.22286	0.1742E-01	151.0
411	408.5	1649.9	2.3	0.46031	0.6224E-01	1.22292	0.1748E-01	150.9
411	409.0	1651.0	2.1	0.46039	0.6243E-01	1.22295	0.1750E-01	150.8
411	409.5	1651.3	2.5	0.46055	0.6279E-01	1.22292	0.1747E-01	151.0
411	410.0	1649.5	2.2	0.46060	0.6291E-01	1.22299	0.1753E-01	150.5
411	410.5	1650.9	2.4	0.46069	0.6310E-01	1.22298	0.1752E-01	150.4
411	411.0	1649.2	2.4	0.46084	0.6346E-01	1.22294	0.1749E-01	150.1
411	411.5	1650.2	2.0	0.46089	0.6358E-01	1.22301	0.1755E-01	150.2
411	412.0	1649.0	2.4	0.46109	0.6405E-01	1.22306	0.1759E-01	149.8

512	168.0							
512	163.0	1662.6	0.0	0.43671	0.7720E-02	1.38697	0.7506E-02	22.6
512	163.5	1660.8	0.0	0.43674	0.7794E-02	1.38712	0.7618E-02	22.7
512	164.0	1659.8	0.0	0.43678	0.7884E-02	1.38727	0.7724E-02	22.8
512	164.5	1657.6	0.0	0.43686	0.8064E-02	1.38739	0.7806E-02	22.7
512	165.0	1656.0	0.0	0.43692	0.8196E-02	1.38746	0.7854E-02	22.8
512	165.5	1655.2	0.0	0.43700	0.8378E-02	1.38761	0.7971E-02	22.9
512	166.0	1653.6	0.0	0.43701	0.8408E-02	1.38770	0.8033E-02	22.9
512	166.5	1653.0	0.0	0.43696	0.8303E-02	1.38783	0.8126E-02	22.8
512	167.0	1651.0	0.0	0.43698	0.8333E-02	1.38794	0.8212E-02	23.0
512	167.5	1650.2	0.0	0.43703	0.8453E-02	1.38808	0.8313E-02	22.7
512	168.0	1653.2	0.0	0.43787	0.1040E-01	1.38825	0.8436E-02	283.9
512	168.5	1656.4	0.0	0.43847	0.1179E-01	1.38844	0.8576E-02	285.0
512	169.0	1657.0	0.0	0.43899	0.1299E-01	1.38865	0.8722E-02	285.2
512	169.5	1653.0	0.0	0.43953	0.1423E-01	1.38876	0.8806E-02	285.5
512	170.0	1649.4	0.0	0.43998	0.1526E-01	1.38880	0.8834E-02	285.9
512	170.5	1648.6	0.0	0.44034	0.1610E-01	1.38892	0.8924E-02	286.1
512	171.0	1648.6	0.0	0.44081	0.1719E-01	1.38901	0.8985E-02	285.9
512	171.5	1649.2	0.0	0.44128	0.1825E-01	1.38926	0.9170E-02	286.3
512	172.0	1648.0	0.0	0.44157	0.1894E-01	1.38928	0.9182E-02	286.0
512	172.5	1647.4	0.0	0.44200	0.1993E-01	1.38931	0.9204E-02	286.0
512	173.0	1646.4	0.0	0.44232	0.2066E-01	1.38955	0.9378E-02	286.0
512	173.5	1645.8	0.0	0.44271	0.2157E-01	1.38976	0.9535E-02	286.0
512	174.0	1645.6	0.0	0.44303	0.2231E-01	1.38983	0.9585E-02	286.0
512	174.5	1645.0	0.0	0.44345	0.2326E-01	1.39004	0.9737E-02	285.8
512	175.0	1645.8	0.0	0.44391	0.2434E-01	1.39020	0.9849E-02	285.6
512	175.5	1646.2	0.0	0.44430	0.2524E-01	1.39039	0.9989E-02	285.7
512	176.0	1647.0	0.0	0.44476	0.2629E-01	1.39054	0.1010E-01	285.8
512	176.5	1646.0	0.0	0.44528	0.2748E-01	1.39074	0.1024E-01	285.7
512	177.0	1646.0	0.0	0.44570	0.2845E-01	1.39086	0.1033E-01	285.5
512	177.5	1646.4	0.0	0.44631	0.2988E-01	1.39105	0.1047E-01	285.5
512	178.0	1647.4	0.0	0.44677	0.3094E-01	1.39121	0.1059E-01	285.4
512	178.5	1648.0	0.0	0.44732	0.3219E-01	1.39135	0.1069E-01	285.4
512	179.0	1648.2	0.0	0.44774	0.3317E-01	1.39159	0.1086E-01	285.3
512	179.5	1648.8	0.0	0.44821	0.3426E-01	1.39165	0.1091E-01	285.3
512	180.0	1649.2	0.0	0.44872	0.3544E-01	1.39186	0.1106E-01	285.5
512	180.5	1649.4	0.0	0.44926	0.3667E-01	1.39208	0.1122E-01	285.4
512	181.0	1649.2	0.0	0.44978	0.3788E-01	1.39219	0.1130E-01	285.2
512	181.5	1649.6	0.0	0.45028	0.3903E-01	1.39234	0.1141E-01	285.2
512	182.0	1649.2	0.0	0.45085	0.4035E-01	1.39263	0.1161E-01	285.4
512	182.5	1649.8	0.0	0.45140	0.4160E-01	1.39284	0.1177E-01	284.5
512	183.0	1648.4	0.0	0.45195	0.4288E-01	1.39299	0.1186E-01	285.3
512	183.5	1649.8	0.0	0.45254	0.4424E-01	1.39314	0.1198E-01	285.0
512	184.0	1650.8	0.0	0.45318	0.4572E-01	1.39336	0.1215E-01	285.2
512	184.5	1650.8	0.0	0.45372	0.4696E-01	1.39357	0.1230E-01	285.0
512	185.0	1650.8	0.0	0.45435	0.4841E-01	1.39372	0.1240E-01	284.8
512	185.5	1650.4	0.0	0.45490	0.4968E-01	1.39382	0.1248E-01	285.2
512	186.0	1650.2	0.0	0.45542	0.5090E-01	1.39397	0.1259E-01	285.0
512	186.5	1650.0	0.0	0.45603	0.5230E-01	1.39418	0.1274E-01	285.1
512	187.0	1650.6	0.0	0.45669	0.5383E-01	1.39432	0.1284E-01	284.9
512	187.5	1650.0	0.0	0.45722	0.5504E-01	1.39446	0.1295E-01	285.0
512	188.0	1650.4	0.0	0.45782	0.5643E-01	1.39463	0.1307E-01	285.0
512	188.5	1650.0	0.0	0.45853	0.5808E-01	1.39492	0.1328E-01	285.1
512	189.0	1650.0	0.0	0.45912	0.5942E-01	1.39503	0.1336E-01	285.1
512	189.5	1650.0	0.0	0.45979	0.6098E-01	1.39523	0.1350E-01	284.8
512	190.0	1649.4	0.0	0.46047	0.6255E-01	1.39534	0.1354E-01	285.1
512	190.5	1650.2	0.0	0.46118	0.6418E-01	1.39564	0.1360E-01	285.0
512	191.0	1649.8	0.0	0.46187	0.6578E-01	1.39580	0.1392E-01	284.9
512	191.5	1649.6	0.0	0.46259	0.6744E-01	1.39597	0.1404E-01	285.0
512	192.0	1650.6	0.0	0.46332	0.6912E-01	1.39616	0.1410E-01	285.0

512	192.5	1650.0	0.0	0.46411	0.7094E-01	1.39632	0.1430E-01	284.6
512	193.0	1650.0	0.0	0.46487	0.7271E-01	1.39656	0.1447E-01	284.7
512	193.5	1650.6	0.0	0.46564	0.7447E-01	1.39663	0.1452E-01	284.9
512	194.0	1650.6	0.0	0.46647	0.7639E-01	1.39691	0.1473E-01	285.0
512	194.5	1651.0	0.0	0.46737	0.7847E-01	1.39708	0.1485E-01	284.8
512	195.0	1650.8	0.0	0.46819	0.8035E-01	1.39730	0.1501E-01	284.6
512	195.5	1650.0	0.0	0.46913	0.8254E-01	1.39754	0.1519E-01	285.0
512	196.0	1650.6	0.0	0.47012	0.8481E-01	1.39770	0.1530E-01	284.5
512	196.5	1650.0	0.0	0.47107	0.8701E-01	1.39788	0.1543E-01	284.7
512	197.0	1651.2	0.0	0.47208	0.8934E-01	1.39804	0.1554E-01	284.6
512	197.5	1650.4	0.0	0.47321	0.9193E-01	1.39822	0.1568E-01	284.8
512	198.0	1651.0	0.0	0.47421	0.9425E-01	1.39838	0.1580E-01	284.7
512	198.5	1651.6	0.0	0.47547	0.9715E-01	1.39870	0.1603E-01	284.6
512	199.0	1651.0	0.0	0.47673	0.1001E+00	1.39888	0.1615E-01	284.8
512	199.5	1650.4	0.0	0.47811	0.1032E+00	1.39912	0.1633E-01	284.8
512	200.0	1652.0	0.0	0.47951	0.1065E+00	1.39928	0.1645E-01	284.5
512	200.5	1651.6	0.0	0.48115	0.1103E+00	1.39954	0.1664E-01	284.8
512	201.0	1652.0	0.0	0.48291	0.1143E+00	1.39973	0.1676E-01	284.9
512	201.5	1652.2	0.0	0.48494	0.1190E+00	1.39995	0.1693E-01	284.6
512	202.0	1651.4	0.0	0.48712	0.1240E+00	1.40016	0.1709E-01	284.8
512	202.5	1652.8	0.0	0.48980	0.1302E+00	1.40048	0.1732E-01	284.7
512	203.0	1652.6	0.0	0.49318	0.1380E+00	1.40066	0.1745E-01	284.7
512	203.5	1652.0	0.1	0.49712	0.1471E+00	1.40091	0.1763E-01	284.7
512	204.0	1650.6	0.0	0.50239	0.1593E+00	1.40111	0.1777E-01	284.6
512	204.5	1651.6	0.0	0.51034	0.1776E+00	1.40135	0.1795E-01	284.4
512	205.0	1644.8	0.0	0.52671	0.2154E+00-9.99900	-9.99900	-9.9999E+04	278.3
512	205.5	1520.2	0.0	0.52623	0.2143E+00-9.99900	-9.99900	-9.9999E+04	251.1
512	206.0	1458.2	0.1	0.53152	0.2265E+00-9.99900	-9.99900	-9.9999E+04	253.6
512	206.5	1449.4	0.1	0.52603	0.2138E+00	1.41437	0.2741E-01	38.6
512	207.0	1544.0	0.1	0.52715	0.2164E+00	1.40024	0.1715E-01	14.8

513	200.0							
513	201.0	1680.4	0.1	0.43704	0.8030E-02	1.41852	0.7735E-02	23.0
513	201.5	1677.6	0.0	0.43705	0.8060E-02	1.41856	0.7762E-02	23.2
513	202.0	1676.8	0.0	0.43709	0.8135E-02	1.41869	0.7850E-02	22.9
513	202.5	1674.8	0.0	0.43711	0.8195E-02	1.41871	0.7867E-02	23.1
513	203.0	1674.2	0.0	0.43707	0.8090E-02	1.41887	0.7982E-02	23.1
513	203.5	1673.2	0.0	0.43714	0.8254E-02	1.41899	0.8070E-02	23.1
513	204.0	1672.6	0.0	0.43715	0.8269E-02	1.41899	0.8064E-02	23.1
513	204.5	1671.2	0.0	0.43718	0.8344E-02	1.41914	0.8174E-02	23.1
513	205.0	1670.2	0.0	0.43719	0.8374E-02	1.41924	0.8245E-02	23.1
513	205.5	1668.8	0.0	0.43726	0.8539E-02	1.41926	0.8250E-02	23.1
513	206.0	1675.4	0.0	0.43754	0.9182E-02	1.41952	0.8442E-02	106.0
513	206.5	1678.4	0.0	0.43773	0.9615E-02	1.41968	0.8557E-02	111.4
513	207.0	1675.2	0.0	0.43788	0.9974E-02	1.41974	0.8590E-02	112.0
513	207.5	1672.2	0.0	0.43803	0.1030E-01	1.41986	0.8664E-02	112.2
513	208.0	1668.8	0.0	0.43814	0.1057E-01	1.42001	0.8793E-02	112.4
513	208.5	1667.0	0.0	0.43825	0.1083E-01	1.42010	0.8853E-02	112.4
513	209.0	1665.6	0.0	0.43837	0.1110E-01	1.42015	0.8892E-02	112.6
513	209.5	1664.6	0.0	0.43846	0.1131E-01	1.42030	0.9040E-02	112.7
513	210.0	1664.4	0.0	0.43857	0.1154E-01	1.36306	-0.3165E-01	112.5
513	210.5	1662.4	0.0	0.43868	0.1180E-01	1.42050	0.9182E-02	112.4
513	211.0	1662.0	0.0	0.43873	0.1193E-01	1.42059	0.9204E-02	112.5
513	211.5	1661.4	0.0	0.43878	0.1204E-01	1.42064	0.9237E-02	112.3
513	212.0	1660.8	0.0	0.43890	0.1232E-01	1.42074	0.9306E-02	112.4
513	212.5	1660.0	0.0	0.43898	0.1250E-01	1.42081	0.9358E-02	112.3
513	213.0	1659.0	0.0	0.43904	0.1264E-01	1.42092	0.9435E-02	112.3
513	213.5	1658.8	0.0	0.43910	0.1279E-01	1.42093	0.9446E-02	112.2
513	214.0	1657.8	0.0	0.43919	0.1298E-01	1.42108	0.9550E-02	112.2
513	214.5	1657.0	0.0	0.43925	0.1311E-01	1.42115	0.9599E-02	112.3
513	215.0	1656.6	0.0	0.43932	0.1328E-01	1.42116	0.9610E-02	112.2
513	215.5	1655.2	0.0	0.43936	0.1338E-01	1.42123	0.9659E-02	112.3
513	216.0	1655.4	0.0	0.43946	0.1361E-01	1.42127	0.9687E-02	112.2
513	216.5	1654.4	0.0	0.43952	0.1374E-01	1.42138	0.9763E-02	112.2
513	217.0	1653.8	0.0	0.43959	0.1391E-01	1.42142	0.9791E-02	112.4
513	217.5	1654.2	0.0	0.43961	0.1395E-01	1.42148	0.9835E-02	112.2
513	218.0	1652.2	0.0	0.43969	0.1413E-01	1.42152	0.9862E-02	112.4
513	218.5	1652.4	0.0	0.43976	0.1430E-01	1.42163	0.9944E-02	112.2
513	219.0	1652.0	0.0	0.43976	0.1431E-01	1.42162	0.9933E-02	112.1
513	219.5	1651.2	0.0	0.43980	0.1440E-01	1.42170	0.9988E-02	112.4
513	220.0	1649.6	0.1	0.43986	0.1452E-01	1.42181	0.1007E-01	112.3
513	220.5	1650.0	0.1	0.43993	0.1470E-01	1.42182	0.1008E-01	112.2
513	221.0	1650.4	0.0	0.43998	0.1480E-01	1.42188	0.1012E-01	112.1
513	221.5	1649.2	0.0	0.44007	0.1501E-01	1.42180	0.1006E-01	112.3
513	222.0	1650.2	0.0	0.44005	0.1497E-01	1.42194	0.1016E-01	112.3
513	222.5	1649.8	0.0	0.44010	0.1509E-01	1.42190	0.1017E-01	112.0
513	223.0	1649.6	0.0	0.44018	0.1527E-01	1.42204	0.1023E-01	112.0
513	223.5	1649.6	0.0	0.44020	0.1531E-01	1.42204	0.1023E-01	112.1
513	224.0	1648.8	0.0	0.44023	0.1539E-01	1.42211	0.1028E-01	112.2
513	224.5	1647.2	0.1	0.44029	0.1552E-01	1.42220	0.1035E-01	112.1
513	225.0	1649.2	0.0	0.44032	0.1560E-01	1.42219	0.1034E-01	112.1
513	225.5	1648.8	0.0	0.44041	0.1581E-01	1.42224	0.1038E-01	112.2
513	226.0	1647.2	0.0	0.44045	0.1588E-01	1.42231	0.1043E-01	112.2
513	226.5	1647.8	0.0	0.44052	0.1606E-01	1.42223	0.1037E-01	112.3
513	227.0	1648.4	0.0	0.44056	0.1614E-01	1.42232	0.1043E-01	112.1
513	227.5	1648.8	0.0	0.44057	0.1618E-01	1.42235	0.1045E-01	112.1
513	228.0	1648.6	0.1	0.44063	0.1630E-01	1.42251	0.1057E-01	112.2
513	228.5	1649.2	0.0	0.44070	0.1648E-01	1.42251	0.1057E-01	112.1
513	229.0	1648.6	0.0	0.44074	0.1655E-01	1.42251	0.1050E-01	112.4
513	229.5	1648.4	0.0	0.44079	0.1667E-01	1.42248	0.1055E-01	112.1
513	230.0	1647.8	0.0	0.44078	0.1666E-01	1.42254	0.1054E-01	112.2

513	230.5	1648.4	0.1	0.44084	0.1679E-01	1.42257	0.1061E-01	112.0
513	231.0	1648.6	0.0	0.44094	0.1703E-01	1.42266	0.1069E-01	112.0
513	231.5	1648.4	0.0	0.44094	0.1703E-01	1.42269	0.1070E-01	111.7
513	232.0	1649.6	0.1	0.44098	0.1712E-01	1.42275	0.1074E-01	112.1
513	232.5	1649.2	0.0	0.44104	0.1724E-01	1.42278	0.1076E-01	112.2
513	233.0	1648.4	0.0	0.44106	0.1730E-01	1.42285	0.1081E-01	112.1
513	233.5	1648.8	0.1	0.44109	0.1738E-01	1.42288	0.1083E-01	112.0
513	234.0	1648.8	0.1	0.44115	0.1750E-01	1.42287	0.1082E-01	112.3
513	234.5	1648.8	0.1	0.44124	0.1771E-01	1.42298	0.1090E-01	112.1
513	235.0	1648.6	0.0	0.44126	0.1775E-01	1.42296	0.1089E-01	112.1
513	235.5	1649.2	0.1	0.44128	0.1779E-01	1.42306	0.1096E-01	112.2
513	236.0	1648.8	0.1	0.44130	0.1785E-01	1.42310	0.1099E-01	112.2
513	236.5	1649.6	0.0	0.44142	0.1814E-01	1.42315	0.1102E-01	111.7
513	237.0	1648.8	0.1	0.44146	0.1823E-01	1.42320	0.1106E-01	112.2
513	237.5	1648.8	0.1	0.44154	0.1841E-01	1.42324	0.1112E-01	112.2
513	238.0	1649.6	0.1	0.44151	0.1833E-01	1.42325	0.1109E-01	111.6
513	238.5	1648.8	0.1	0.44159	0.1851E-01	1.42329	0.1112E-01	112.3
513	239.0	1648.6	0.0	0.44164	0.1863E-01	1.42326	0.1110E-01	112.1
513	239.5	1648.6	0.1	0.44028	0.1549E-01	1.42344	0.1126E-01	112.2
513	240.0	1648.8	0.1	0.44172	0.1883E-01	1.42339	0.1119E-01	112.1
513	240.5	1648.6	0.1	0.44173	0.1884E-01	1.42347	0.1125E-01	112.1
513	241.0	1648.4	0.1	0.44174	0.1887E-01	1.42349	0.1127E-01	112.0
513	241.5	1649.2	0.1	0.44182	0.1905E-01	1.42353	0.1129E-01	111.6
513	242.0	1649.2	0.1	0.44187	0.1917E-01	1.42357	0.1132E-01	112.1
513	242.5	1648.2	0.1	0.44189	0.1922E-01	1.42359	0.1134E-01	112.2
513	243.0	1649.0	0.1	0.44247	0.2055E-01	1.42356	0.1131E-01	111.9
513	243.5	1648.0	0.1	0.44196	0.1937E-01	1.42368	0.1140E-01	112.2
513	244.0	1648.6	0.1	0.44202	0.1951E-01	1.42365	0.1138E-01	112.1
513	244.5	1648.6	0.1	0.44209	0.1966E-01	1.42370	0.1141E-01	112.0
513	245.0	1649.0	0.1	0.44207	0.1963E-01	1.42385	0.1152E-01	111.9
513	245.5	1649.4	0.1	0.44213	0.1977E-01	1.42382	0.1150E-01	112.0
513	246.0	1648.2	0.1	0.44213	0.1977E-01	1.42388	0.1154E-01	112.0
513	246.5	1647.8	0.1	0.44217	0.1986E-01	1.42391	0.1156E-01	112.2
513	247.0	1648.2	0.1	0.44222	0.1998E-01	1.42392	0.1157E-01	112.0
513	247.5	1648.8	0.1	0.44226	0.2007E-01	1.42398	0.1161E-01	111.9
513	248.0	1649.0	0.1	0.44231	0.2017E-01	1.42412	0.1171E-01	112.1
513	248.5	1649.0	0.1	0.44231	0.2019E-01	1.42413	0.1172E-01	112.1
513	249.0	1649.4	0.0	0.44237	0.2032E-01	1.42410	0.1170E-01	111.9
513	249.5	1648.8	0.1	0.44243	0.2046E-01	1.42417	0.1175E-01	111.8
513	250.0	1649.2	0.1	0.44245	0.2050E-01	1.42429	0.1183E-01	112.3
513	250.5	1650.2	0.1	0.44254	0.2071E-01	1.42427	0.1181E-01	112.0
513	251.0	1649.8	0.1	0.44252	0.2067E-01	1.42427	0.1181E-01	112.1
513	251.5	1651.4	0.1	0.44260	0.2086E-01	1.42440	0.1191E-01	112.0
513	252.0	1650.8	0.1	0.44263	0.2092E-01	1.42443	0.1193E-01	111.6
513	252.5	1650.6	0.1	0.44266	0.2100E-01	1.42445	0.1195E-01	111.8
513	253.0	1650.0	0.1	0.44268	0.2102E-01	1.42444	0.1194E-01	111.9
513	253.5	1649.4	0.1	0.44269	0.2107E-01	1.42450	0.1195E-01	112.1
513	254.0	1649.8	0.1	0.44279	0.2128E-01	1.42457	0.1203E-01	111.9
513	254.5	1651.4	0.1	0.44280	0.2131E-01	1.42457	0.1210E-01	111.9
513	255.0	1650.0	0.1	0.44283	0.2138E-01	1.42471	0.1213E-01	111.9
513	255.5	1649.4	0.1	0.44286	0.2144E-01	1.42463	0.1211E-01	111.9
513	256.0	1650.4	0.1	0.44288	0.2149E-01	1.42468	0.1211E-01	111.9
513	256.5	1649.0	0.1	0.44293	0.2162E-01	1.42462	0.1221E-01	112.0
513	257.0	1649.8	0.1	0.44293	0.2162E-01	1.42462	0.1221E-01	112.2
513	257.5	1649.0	0.1	0.44299	0.2174E-01	1.42481	0.1220E-01	112.1
513	258.0	1650.6	0.1	0.44300	0.2177E-01	1.42494	0.1230E-01	111.9
513	258.5	1649.8	0.1	0.44312	0.2206E-01	1.42488	0.1225E-01	111.9
513	259.0	1649.4	0.1	0.44312	0.2204E-01	1.42495	0.1230E-01	112.1
513	259.5	1650.6	0.1	0.44315	0.2212E-01	1.42498	0.1232E-01	111.9
513	260.0	1650.4	0.1	0.44322	0.2228E-01	1.42508	0.1239E-01	112.1

513	260.5	1650.2	0.1	0.44321	0.2227E-01	1.42502	0.1235E-01	111.6
513	261.0	1649.8	0.1	0.44328	0.2242E-01	1.42517	0.1246E-01	112.0
513	261.5	1650.2	0.1	0.44216	0.1983E-01	1.42521	0.1249E-01	112.1
513	262.0	1650.4	0.1	0.44330	0.2246E-01	1.42520	0.1248E-01	112.0
513	262.5	1650.0	0.1	0.44337	0.2262E-01	1.42526	0.1252E-01	112.0
513	263.0	1651.0	0.1	0.44340	0.2270E-01	1.42529	0.1254E-01	112.0
513	263.5	1649.6	0.1	0.44347	0.2285E-01	1.42535	0.1259E-01	112.1
513	264.0	1650.2	0.1	0.44347	0.2285E-01	1.42537	0.1260E-01	111.9
513	264.5	1650.6	0.1	0.44351	0.2295E-01	1.42543	0.1264E-01	111.7
513	265.0	1650.0	0.1	0.44356	0.2306E-01	1.42551	0.1270E-01	111.6
513	265.5	1650.2	0.1	0.44362	0.2321E-01	1.42552	0.1270E-01	112.1
513	266.0	1650.0	0.1	0.44362	0.2321E-01	1.42558	0.1275E-01	111.9
513	266.5	1649.8	0.1	0.44364	0.2324E-01	1.42552	0.1271E-01	112.1
513	267.0	1650.8	0.1	0.44367	0.2331E-01	1.42553	0.1271E-01	112.0
513	267.5	1649.0	0.1	0.44371	0.2342E-01	1.42567	0.1281E-01	112.0
513	268.0	1650.0	0.1	0.44376	0.2354E-01	1.42571	0.1284E-01	112.0
513	268.5	1650.0	0.1	0.44377	0.2355E-01	1.42580	0.1290E-01	112.0
513	269.0	1650.0	0.1	0.44380	0.2361E-01	1.42576	0.1288E-01	112.0
513	269.5	1651.0	0.1	0.44385	0.2373E-01	1.42586	0.1295E-01	112.0
513	270.0	1649.4	0.1	0.44387	0.2379E-01	1.42583	0.1293E-01	112.0
513	270.5	1650.6	0.1	0.44391	0.2387E-01	1.42590	0.1298E-01	111.9
513	271.0	1649.8	0.1	0.44392	0.2390E-01	1.42595	0.1301E-01	111.9
513	271.5	1650.2	0.1	0.44394	0.2394E-01	1.42598	0.1303E-01	111.6
513	272.0	1650.4	0.1	0.44400	0.2409E-01	1.42606	0.1309E-01	112.0
513	272.5	1650.8	0.1	0.44399	0.2405E-01	1.42606	0.1309E-01	112.0
513	273.0	1651.2	0.1	0.44407	0.2424E-01	1.42616	0.1316E-01	111.9
513	273.5	1649.8	0.1	0.44408	0.2427E-01	1.42621	0.1320E-01	112.0
513	274.0	1650.4	0.1	0.44410	0.2431E-01	1.42617	0.1317E-01	111.8
513	274.5	1650.4	0.1	0.44417	0.2448E-01	1.42633	0.1328E-01	112.1
513	275.0	1649.8	0.1	0.44418	0.2449E-01	1.42626	0.1323E-01	111.9
513	275.5	1650.6	0.1	0.44427	0.2470E-01	1.42640	0.1333E-01	111.7
513	276.0	1650.2	0.1	0.44428	0.2472E-01	1.42639	0.1332E-01	112.1
513	276.5	1649.4	0.1	0.44429	0.2475E-01	1.42638	0.1332E-01	111.9
513	277.0	1650.0	0.1	0.44430	0.2478E-01	1.42641	0.1334E-01	112.0
513	277.5	1650.4	0.1	0.44437	0.2494E-01	1.42650	0.1340E-01	112.0
513	278.0	1650.6	0.1	0.44435	0.2490E-01	1.42647	0.1338E-01	111.9
513	278.5	1650.6	0.1	0.44439	0.2499E-01	1.42654	0.1343E-01	111.9
513	279.0	1649.8	0.1	0.44440	0.2500E-01	1.42654	0.1343E-01	111.8
513	279.5	1650.4	0.1	0.44445	0.2511E-01	1.42662	0.1349E-01	112.0
513	280.0	1649.8	0.1	0.44449	0.2521E-01	1.42667	0.1352E-01	111.8
513	280.5	1650.8	0.1	0.44453	0.2530E-01	1.42672	0.1356E-01	111.9
513	281.0	1648.6	0.1	0.44452	0.2529E-01	1.42678	0.1360E-01	111.9
513	281.5	1650.4	0.1	0.44456	0.2536E-01	1.42682	0.1363E-01	111.6
513	282.0	1650.0	0.1	0.44459	0.2544E-01	1.42694	0.1371E-01	112.0
513	282.5	1649.8	0.1	0.44463	0.2553E-01	1.42680	0.1361E-01	111.7
513	283.0	1650.0	0.1	0.44465	0.2557E-01	1.39835	-0.6595E-02	111.9
513	283.5	1649.4	0.1	0.44468	0.2565E-01	1.42700	0.1376E-01	111.9
513	284.0	1650.4	0.1	0.44468	0.2565E-01	1.42706	0.1380E-01	112.0
513	284.5	1650.0	0.1	0.44472	0.2574E-01	1.42704	0.1376E-01	112.0
513	285.0	1649.2	0.1	0.44475	0.2581E-01	1.42711	0.1383E-01	111.9
513	285.5	1650.4	0.1	0.44481	0.2594E-01	1.42706	0.1380E-01	111.9
513	286.0	1650.0	0.1	0.44485	0.2603E-01	1.42713	0.1385E-01	111.8
513	286.5	1650.0	0.1	0.44485	0.2603E-01	1.42711	0.1384E-01	111.8
513	287.0	1649.8	0.1	0.44487	0.2608E-01	1.42727	0.1395E-01	111.6
513	287.5	1650.2	0.1	0.44486	0.2606E-01	1.42730	0.1397E-01	112.0
513	288.0	1648.8	0.1	0.44498	0.2635E-01	1.42736	0.1401E-01	111.9
513	288.5	1649.4	0.1	0.44495	0.2627E-01	1.42734	0.1400E-01	111.9
513	289.0	1649.0	0.1	0.44498	0.2633E-01	1.42742	0.1406E-01	112.0
513	289.5	1651.0	0.1	0.44502	0.2642E-01	1.42754	0.1414E-01	111.9
513	290.0	1651.2	0.1	0.44508	0.2657E-01	1.42744	0.1407E-01	111.7

513	290.5	1651.2	0.1	0.44510	0.2662E-01	1.42750	0.1411E-01	111.8
513	291.0	1650.6	0.1	0.44510	0.2662E-01	1.42757	0.1416E-01	112.0
513	291.5	1651.0	0.1	0.44515	0.2674E-01	1.42762	0.1420E-01	111.6
513	292.0	1650.6	0.1	0.44522	0.2690E-01	1.42766	0.1423E-01	112.0
513	292.5	1650.2	0.1	0.44519	0.2683E-01	1.42781	0.1434E-01	111.8
513	293.0	1649.6	0.1	0.44391	0.2388E-01	1.37268	-0.2484E-01	111.9
513	293.5	1650.2	0.1	0.44524	0.2693E-01	1.42766	0.1423E-01	111.8
513	294.0	1650.2	0.1	0.44525	0.2696E-01	1.42774	0.1426E-01	111.7
513	294.5	1650.0	0.1	0.44533	0.2714E-01	1.42781	0.1434E-01	111.9
513	295.0	1649.4	0.1	0.44533	0.2714E-01	1.42780	0.1432E-01	111.6
513	295.5	1650.0	0.1	0.44535	0.2719E-01	1.42795	0.1443E-01	111.9
513	296.0	1649.8	0.1	0.44539	0.2729E-01	1.42796	0.1444E-01	111.7
513	296.5	1650.2	0.1	0.44542	0.2735E-01	1.42807	0.1452E-01	111.8
513	297.0	1648.6	0.1	0.44542	0.2735E-01	1.42806	0.1451E-01	111.9
513	297.5	1649.2	0.1	0.44556	0.2768E-01	1.42808	0.1452E-01	111.8
513	298.0	1650.2	0.1	0.44553	0.2760E-01	1.42812	0.1455E-01	111.9
513	298.5	1650.2	0.1	0.44558	0.2772E-01	1.42819	0.1460E-01	111.7
513	299.0	1650.6	0.1	0.44556	0.2768E-01	1.42830	0.1466E-01	111.8
513	299.5	1649.2	0.1	0.44557	0.2771E-01	1.42827	0.1466E-01	112.0
513	300.0	1649.2	0.1	0.44566	0.2790E-01	1.42823	0.1463E-01	111.6
513	300.5	1649.2	0.1	0.44567	0.2793E-01	1.42825	0.1465E-01	111.9
513	301.0	1648.8	0.1	0.44571	0.2802E-01	1.42836	0.1472E-01	111.9
513	301.5	1648.4	0.1	0.44576	0.2813E-01	1.42839	0.1475E-01	111.8
513	302.0	1649.2	0.1	0.44581	0.2825E-01	1.42839	0.1475E-01	111.8
513	302.5	1649.4	0.1	0.44585	0.2835E-01	1.42850	0.1482E-01	111.9
513	303.0	1649.6	0.1	0.44587	0.2838E-01	1.42847	0.1480E-01	111.7
513	303.5	1649.2	0.1	0.44586	0.2837E-01	1.42857	0.1487E-01	111.7
513	304.0	1649.4	0.1	0.44594	0.2856E-01	1.42862	0.1491E-01	111.6
513	304.5	1649.0	0.1	0.44595	0.2858E-01	1.42874	0.1499E-01	111.9
513	305.0	1649.2	0.1	0.44601	0.2873E-01	1.42867	0.1494E-01	111.8
513	305.5	1648.4	0.1	0.44603	0.2877E-01	1.42869	0.1496E-01	111.8
513	306.0	1649.4	0.1	0.44609	0.2889E-01	1.42878	0.1502E-01	111.9
513	306.5	1648.6	0.1	0.44611	0.2894E-01	1.42876	0.1502E-01	111.8
513	307.0	1648.2	0.1	0.44614	0.2901E-01	1.42879	0.1503E-01	111.9
513	307.5	1649.0	0.1	0.44615	0.2904E-01	1.42878	0.1502E-01	111.9
513	308.0	1649.8	0.1	0.44620	0.2916E-01	1.42892	0.1512E-01	111.9
513	308.5	1649.8	0.1	0.44622	0.2919E-01	1.42890	0.1511E-01	111.6
513	309.0	1648.8	0.1	0.44623	0.2922E-01	1.42894	0.1514E-01	111.8
513	309.5	1648.8	0.1	0.44634	0.2947E-01	1.42900	0.1517E-01	111.9
513	310.0	1648.8	0.1	0.44630	0.2938E-01	1.42903	0.1520E-01	111.9
513	310.5	1649.2	0.1	0.44638	0.2956E-01	1.42902	0.1519E-01	111.8
513	311.0	1649.8	0.1	0.44642	0.2965E-01	1.42898	0.1516E-01	111.5
513	311.5	1650.6	0.1	0.44647	0.2979E-01	1.42913	0.1527E-01	111.8
513	312.0	1649.2	0.1	0.44646	0.2974E-01	1.42926	0.1536E-01	111.9
513	312.5	1649.4	0.1	0.44649	0.2982E-01	1.42907	0.1522E-01	111.7
513	313.0	1649.2	0.1	0.44649	0.2983E-01	1.42924	0.1535E-01	111.9
513	313.5	1649.2	0.1	0.44654	0.2994E-01	1.42914	0.1528E-01	111.9
513	314.0	1649.8	0.1	0.44658	0.3004E-01	1.42933	0.1541E-01	111.8
513	314.5	1650.4	0.1	0.44664	0.3016E-01	1.42929	0.1538E-01	111.9
513	315.0	1649.6	0.1	0.44667	0.3024E-01	1.42936	0.1543E-01	111.9
513	315.5	1649.4	0.1	0.44666	0.3021E-01	1.42930	0.1539E-01	111.6
513	316.0	1649.4	0.1	0.44671	0.3034E-01	1.42940	0.1546E-01	111.8
513	316.5	1649.4	0.1	0.44674	0.3040E-01	1.42950	0.1554E-01	111.7
513	317.0	1649.2	0.1	0.44675	0.3043E-01	1.42945	0.1550E-01	111.5
513	317.5	1649.2	0.1	0.44684	0.3063E-01	1.42959	0.1560E-01	111.8
513	318.0	1649.6	0.1	0.44684	0.3064E-01	1.42949	0.1553E-01	111.4
513	318.5	1649.6	0.1	0.44682	0.3060E-01	1.42969	0.1567E-01	111.6
513	319.0	1650.0	0.1	0.44974	0.3732E-01	1.42967	0.1565E-01	111.8
513	319.5	1650.2	0.1	0.44692	0.3062E-01	1.42967	0.1565E-01	111.5
513	320.0	1649.8	0.1	0.44696	0.3091E-01	1.42967	0.1565E-01	111.8

513	320.5	1649.0	0.1	0.44692	0.3082E-01	1.42969	0.1567E-01	111.9
513	321.0	1649.4	0.1	0.44699	0.3097E-01	1.42981	0.1575E-01	111.7
513	321.5	1649.6	0.1	0.44701	0.3103E-01	1.42990	0.1582E-01	111.8
513	322.0	1649.0	0.1	0.44703	0.3107E-01	1.42991	0.1583E-01	111.8
513	322.5	1650.0	0.1	0.44706	0.3113E-01	1.42988	0.1580E-01	111.8
513	323.0	1649.4	0.1	0.44710	0.3122E-01	1.42992	0.1583E-01	111.7
513	323.5	1649.0	0.1	0.44713	0.3130E-01	1.42994	0.1584E-01	111.8
513	324.0	1648.6	0.1	0.44716	0.3136E-01	1.43008	0.1594E-01	111.6
513	324.5	1649.6	0.1	0.44716	0.3136E-01	1.43009	0.1595E-01	111.6
513	325.0	1649.4	0.1	0.44720	0.3146E-01	1.43000	0.1589E-01	111.5
513	325.5	1649.8	0.1	0.44722	0.3151E-01	1.43011	0.1597E-01	111.6
513	326.0	1649.8	0.1	0.44721	0.3149E-01	1.43023	0.1605E-01	111.7

C.5 : 1700°F Biaxial Constant Pressure Strain Data
(In 20% O₂ - 80% Ar 1 atm)

**THIS PAGE
WAS INTENTIONALLY
LEFT BLANK**

LENGTH 1700 F OXY BIAXIAL TRUE 1978

			.50	1519.46	.000150
1.00	1582.97	.000165	1.50	1620.26	.000171
2.00	1670.03	.000142	2.50	1736.45	.000208
3.00	1813.46	.000296	3.50	1925.90	.000517
4.00	2105.78	.001528			
			.50	1466.89	.001276
1.00	1572.32	.001440	1.50	1581.32	.001562
2.00	1585.44	.001629	2.50	1590.84	.001717
3.00	1595.87	.001784	3.50	1601.69	.001900
4.00	1607.52	.001955	4.50	1607.28	.002038
5.00	1612.59	.002093	5.50	1615.17	.002187
6.00	1619.84	.002215	6.50	1622.40	.002315
7.00	1627.29	.002348	7.50	1630.34	.002414
8.00	1634.65	.002520	8.50	1638.19	.002558
9.00	1641.64	.002642	9.50	1644.45	.002730
10.00	1651.50	.002808	20.00	201.39	1.000000
.50	1272.45	.000860	1.00	1292.46	.001060
1.50	1296.15	.001250	2.00	1302.59	.001269
2.50	1304.39	.001299	3.00	1304.80	.001349
3.50	1310.24	.001449	4.00	1311.19	.001519
4.50	1315.07	.001629	5.00	1315.66	.001699
5.50	1316.37	.001719	6.00	1318.83	.001729
6.50	1319.15	.001799	7.00	1320.61	.001859
7.50	1318.84	.001969	8.00	1321.31	.001979
8.50	1324.38	.002019	9.00	1325.42	.002069
9.50	1324.63	.002129	10.00	1325.18	.002129
20.00	1346.80	.002969	30.00	1367.85	.003748
40.00	1395.89	.004308	50.00	1435.39	.004677
60.00	1502.79	.005186	70.00	169.43	.004810
.50	1120.26	.001258	1.00	1162.37	.001721
1.50	1168.24	.001925	2.00	1172.59	.002036
2.50	1175.17	.002218	3.00	1177.94	.002328
3.50	1178.54	.002416	4.00	1180.67	.002577
4.50	1181.54	.002648	5.00	1181.10	.002786
5.50	1184.53	.002881	6.00	1186.20	.002951
6.50	1188.22	.003091	7.00	1189.64	.003181
7.50	1195.69	.003361	8.00	1198.05	.003351
8.50	1199.61	.003471	9.00	1199.93	.003641
9.50	1203.66	.003701	10.00	1205.30	.003811
20.00	1261.09	.006269	30.00	1446.90	.009766
.50	977.52	.000684	1.00	990.83	.000913
1.50	996.59	.001063	2.00	997.00	.001114
2.50	997.60	.001248	3.00	1000.54	.001365
3.50	999.48	.001488	4.00	1001.69	.001555
4.50	999.78	.001661	5.00	1000.99	.001744
5.50	1000.30	.001867	6.00	1000.01	.001895
6.50	1002.29	.002053	7.00	1005.86	.002133
7.50	1006.20	.002233	8.00	1006.29	.002283
8.50	1009.43	.002313	9.00	1009.30	.002423
9.50	1009.84	.002443	10.00	1011.08	.002573
20.00	1023.69	.003972	30.00	1034.61	.005202
40.00	1048.46	.006462	50.00	1059.93	.007702
60.00	1072.87	.008811	70.00	1083.93	.009701
80.00	1095.93	.010620	90.00	1107.91	.011470
100.00	1122.16	.012280	110.00	1133.43	.012990
120.00	1146.50	.013610			

			.50	688.33	.000815
1.00	699.42	.001115	1.50	701.22	.001171
2.00	704.15	.001166	2.50	704.13	.001294
3.00	706.43	.001344	3.50	705.33	.001489
4.00	704.52	.001584	4.50	702.09	.001646
5.00	701.16	.001718	5.50	700.30	.001891
6.00	699.35	.001913	6.50	699.57	.001992
7.00	690.32	.008835	7.50	698.85	.002204
8.00	699.50	.002204	8.50	700.73	.002310
9.00	700.42	.002365	9.50	699.25	.002435
10.00	699.10	.002425	20.00	701.30	.003425
30.00	704.65	.004155	40.00	707.60	.004745
50.00	708.49	.005265	60.00	708.55	.005725
70.00	710.07	.006155	80.00	711.86	.006565
90.00	713.42	.006905	100.00	715.31	.007254
110.00	720.51	.007484	120.00	715.45	.007864

DIAMETER 1700 F OXY BIAXIAL TRUE 1978

			.50	1519.46	.003114
1.00	1582.97	.008855	1.50	1620.26	.017691
2.00	1670.03	.030085	2.50	1736.45	.046567
3.00	1813.46	.066217	3.50	1925.90	.092794
4.00	2105.78	.132975			
.50	1466.89	.001374	1.00	1572.32	.001224
1.50	1581.32	.002750	2.00	1585.44	.004062
2.50	1590.84	.005351	3.00	1595.87	.006341
3.50	1601.69	.008090	4.00	1607.52	.009869
4.50	1607.28	.010899	5.00	1612.59	.011958
5.50	1615.17	.013008	6.00	1619.84	.014087
6.50	1622.40	.015117	7.00	1627.29	.016256
7.50	1630.34	.017246	8.00	1634.65	.018365
8.50	1638.19	.019505	9.00	1641.64	.020594
9.50	1644.45	.021884	10.00	1651.50	.023183
20.00	201.39	.253596			
			.50	1272.45	.001436
1.00	1292.46	.002434	1.50	1296.15	.003374
2.00	1302.59	.003941	2.50	1304.39	.004541
3.00	1304.80	.005121	3.50	1310.24	.005760
4.00	1311.19	.006290	4.50	1315.07	.006849
5.00	1315.66	.007479	5.50	1316.37	.007939
6.00	1318.83	.008299	6.50	1319.15	.008839
7.00	1320.81	.009299	7.50	1318.84	.009569
8.00	1321.31	.009928	8.50	1324.38	.010478
9.00	1325.42	.011038	9.50	1324.63	.011438
10.00	1325.18	.011858	20.00	1346.80	.019095
30.00	1367.85	.026552	40.00	1395.89	.035318
50.00	1435.39	.047962	60.00	1502.79	.068113
70.00	169.43	1.000000			
.50	1120.26	.002343	1.00	1162.37	.004046
1.50	1168.24	.005405	2.00	1172.59	.006484
2.50	1175.17	.007114	3.00	1177.94	.007843
3.50	1178.54	.008543	4.00	1180.67	.009013
4.50	1181.54	.009823	5.00	1181.10	.010613
5.50	1184.53	.011082	6.00	1186.20	.011932
6.50	1188.22	.012612	7.00	1189.64	.013362
7.50	1195.69	.015791	8.00	1198.05	.016420
8.50	1199.61	.017190	9.00	1199.93	.018000
9.50	1203.66	.018840	10.00	1205.30	.019650
20.00	1261.09	.039612	30.00	1446.90	.100027
			.50	977.52	.001416
1.00	990.83	.002147	1.50	996.59	.002838
2.00	997.00	.003298	2.50	997.60	.003788
3.00	1000.54	.004137	3.50	999.48	.004507
4.00	1001.69	.005157	4.50	999.78	.005467
5.00	1000.99	.005957	5.50	1000.30	.006197
6.00	1000.01	.006667	6.50	1002.29	.006997
7.00	1005.86	.007316	7.50	1006.20	.007726
8.00	1006.29	.008036	8.50	1009.43	.008506
9.00	1009.30	.008696	9.50	1009.84	.008926
10.00	1011.08	.009396	20.00	1023.69	.015724
30.00	1034.81	.020742	40.00	1048.46	.025720
50.00	1059.93	.030539	60.00	1072.87	.035677
70.00	1083.93	.040135	80.00	1095.93	.045174
90.00	1107.91	.049892	100.00	1122.16	.054560

110.00	1133.43	.059248	120.00	1146.50	.064237
			.50	688.33	.007145
1.00	699.42	.008010	1.50	701.22	.008264
2.00	704.15	.008398	2.50	704.13	.008757
3.00	706.43	.008891	3.50	705.33	.008976
4.00	704.52	.009276	4.50	702.09	.009427
5.00	701.16	.009667	5.50	700.10	.009897
6.00	699.35	.010147	6.50	699.57	.010257
7.00	690.32	.010667	7.50	698.85	.010558
8.00	699.50	.010967	8.50	700.73	.011257
9.00	700.42	.011467	9.50	699.25	.011557
10.00	699.10	.011477	20.00	701.30	.014097
30.00	704.65	.016276	40.00	707.60	.017836
50.00	708.49	.019056	60.00	708.55	.020126
70.00	710.07	.021285	80.00	711.86	.022205
90.00	713.42	.023485	100.00	715.31	.024045
110.00	720.51	.028014	120.00	715.45	.026015

SPLINE,P2,T100.
ACCOUNT,PBP652,BATNW.
ATTACH(OLDLGO,SPLINELGO,ID=K858NW)
OLDLGO.

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*
.01      20.
      LENGTH      1700 F OXY BIAxIAL      ENGR 1978
2
-4.60500E+00 4.78800E+00 0.      0.      0.      0.
2
0.      1.57300E+03 0.      0.      0.      0.
      0.00      0.00      0.000000      .50      688.33      .000815
      1.00      699.42      .001115      1.50      699.42      .001171
      2.00      699.42      .001166      2.50      699.42      .001294
      3.00      699.42      .001344      3.50      699.42      .001489
      4.00      699.42      .001584      4.50      699.42      .001646
      5.00      699.42      .001718      5.50      699.42      .001891
      6.00      699.42      .001913      6.50      699.42      .001992
      8.00      699.42      .002204      8.50      699.42      .002310
      7.00      699.42      .008835      7.50      699.42      .002204
      9.00      699.42      .002365      9.50      699.42      .002435
      10.00      699.42      .002425      20.00      699.42      .003425
      30.00      699.42      .004155      40.00      699.42      .004745
      50.00      699.42      .005265      60.00      699.42      .005725
      70.00      699.42      .006155      80.00      699.42      .006565
      90.00      699.42      .006905      100.00      699.42      .007254
      110.00      699.42      .007484      120.00      699.42      .007864
      110.00      699.42      .007484      120.00      699.42      .007864
      .50      990.83      .000684      1.00      990.83      .000913
      1.50      990.83      .001063      2.00      990.83      .001114
      2.50      990.83      .001248      3.00      990.83      .001365
      3.50      990.83      .001488      4.00      990.83      .001555
      4.50      990.83      .001661      5.00      990.83      .001744
      5.50      990.83      .001867      6.00      990.83      .001895
      6.50      990.83      .002053      7.00      990.83      .002133
      7.50      990.83      .002233      8.00      990.83      .002283
      8.50      990.83      .002313      9.00      990.83      .002423
      9.50      990.83      .002443      10.00      990.83      .002573
      20.00      990.83      .003972      30.00      990.83      .005202
      40.00      990.83      .006462      50.00      990.83      .007702
      60.00      990.83      .008811      70.00      990.83      .009701
      80.00      990.83      .010620      90.00      990.83      .011470
      100.00      990.83      .012280      110.00      990.83      .012990
      120.00      990.83      .013810      0.00      0.00      0.000000
      .50      1162.37      .001258      1.00      1162.37      .001721
      1.50      1162.37      .001925      2.00      1162.37      .002036
      2.50      1162.37      .002218      3.00      1162.37      .002328
      3.50      1162.37      .002416      4.00      1162.37      .002577
      4.50      1162.37      .002648      5.00      1162.37      .002786
      5.50      1162.37      .002881      6.00      1162.37      .002951
      6.50      1162.37      .003091      7.00      1162.37      .003181
      7.50      1162.37      .003361      8.00      1162.37      .003351
      8.50      1162.37      .003471      9.00      1162.37      .003641
      9.50      1162.37      .003701      10.00      1162.37      .003811
      20.00      1162.37      .006269      30.00      1162.37      .009766
      .50      1292.46      .000860      1.00      1292.46      .001060
      1.50      1292.46      .001250      2.00      1292.46      .001269
      2.50      1292.46      .001299      3.00      1292.46      .001349
      3.50      1292.46      .001449      4.00      1292.46      .001519
      4.50      1292.46      .001629      5.00      1292.46      .001699

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2
3
4
5

5.50	1292.46	.001719	6.00	1292.46	.001729
6.50	1292.46	.001799	7.00	1292.46	.001859
7.50	1292.46	.001969	8.00	1292.46	.001979
8.50	1292.46	.002019	9.00	1292.46	.002069
9.50	1292.46	.002129	10.00	1292.46	.002129
20.00	1292.46	.002969	30.00	1292.46	.003748
40.00	1292.46	.004308	50.00	1292.46	.004877
60.00	1292.46	.005186	70.00	1292.46	.004810
0.00	0.00	0.000000	.50	1519.46	.000150
1.00	1582.97	.000165	1.50	1582.97	.000171
2.00	1582.97	.000142	2.50	1582.97	.000208
3.00	1582.97	.000296	3.50	1582.97	.000517
4.00	1582.97	.001528	0.00	0.00	0.000000
0.00	0.00	0.000000	.50	1466.89	.001276
1.00	1572.32	.001440	1.50	1572.32	.001562
2.00	1572.32	.001624	2.50	1572.32	.001717
3.00	1572.32	.001784	3.50	1572.32	.001900
4.00	1572.32	.001455	4.50	1572.32	.002038
5.00	1572.32	.002093	5.50	1572.32	.002187
6.00	1572.32	.002215	6.50	1572.32	.002315
7.00	1572.32	.002348	7.50	1572.32	.002414
8.00	1572.32	.002520	8.50	1572.32	.002558
9.00	1572.32	.002642	9.50	1572.32	.002730
10.00	1572.32	.002808	0.0	0.0	0.000000

SPLINE,P2,T100.
 ACCOUNT,PBP652,BATNW.
 ATTACH(OLDLGO,SPLINELGO,ID=KBS8NW)
 OLDLGO.

* .0001 20.
 DIAMETER 1700 F. UXY BIAXIAL ENGR 1978

5
 -4.60500E+00 1.39000E+00 2.08000E+00 3.92000E+00 4.80000E+00 0.

3
 0. 9.90900E+02 1.57240E+03 0.

0. 0.

0.0	0.0	0.0	1.0	100.	.0000006089
30.0	100.0	0.000010	40.0	100.	.000017
50.0	100.0	0.000018	60.0	100.	.000019
70.0	100.0	0.000020	80.0	100.	.000021
90.0	100.0	0.000022	100.0	100.	.000023
110.0	100.0	0.000024	120.0	100.	.000025
0.0	0.0	0.0	1.0	300.	.000108
50.0	300.0	0.001000	70.0	500.	.001500
90.0	300.0	0.002200	110.0	300.	.003000
1.0	500.	.000618	80.0	500.	.008000
100.0	500.	.010618	120.0	500.	.015000
1.0	699.42	.002060	2.0	699.42	.003120
3.0	699.42	.003820	4.0	699.42	.004780
5.0	699.42	.005430	6.0	699.42	.006050
7.0	699.42	.006650	8.0	699.42	.007140
9.0	699.42	.007650	10.0	699.42	.008530
0.0	0.0	0.0	20.00	699.42	.014097
30.00	699.42	.016276	40.00	699.42	.017836
50.00	699.42	.019056	60.00	699.42	.020126
70.00	699.42	.021285	80.00	699.42	.022205
90.00	699.42	.023485	100.00	699.42	.024045
110.00	699.42	.025000	120.00	699.42	.026015
1.0	900.	.002100	4.0	900.	.004800
5.0	900.	.005500	6.0	900.	.006200
7.0	900.	.006800	8.0	900.	.007400
9.0	900.	.008000	10.0	900.	.009000
.50	990.83	.001416	1.00	990.83	.002147
1.50	990.83	.002838	2.00	990.83	.003298
2.50	990.83	.003788	3.00	990.83	.004137
3.50	990.83	.004507	4.00	990.83	.005157
4.50	990.83	.005467	5.00	990.83	.005957
5.50	990.83	.006197	6.00	990.83	.006667
6.50	990.83	.006997	7.00	990.83	.007316
7.50	990.83	.007726	8.00	990.83	.008036
8.50	990.83	.008506	9.00	990.83	.008696
9.50	990.83	.008926	10.00	990.83	.009396
20.00	990.83	.015724	30.00	990.83	.020742
40.00	990.83	.025720	50.00	990.83	.030539
60.00	990.83	.035677	70.00	990.83	.040135
80.00	990.83	.045174	90.00	990.83	.049892
100.00	990.83	.054560	110.00	990.83	.059248
120.00	990.83	.064237	0.00	0.00	0.000000
1.0	1000.	.002281	4.0	1000.	.006000
5.0	1000.	.006500	6.0	1000.	.007000
5.0	1000.	.006500	6.0	1000.	.007000
5.0	1000.	.006500	6.0	1000.	.007000
7.0	1000.	.008000	8.0	1000.	.008500
7.0	1000.	.008000	8.0	1000.	.008500
7.0	1000.	.008000	8.0	1000.	.008500

2
3
4
5

9.0	1000.	.009500	10.0	1000.	.015000
9.0	1000.	.009500	10.0	1000.	.015000
9.0	1000.	.009500	10.0	1000.	.015000
.50	1292.46	.001436	1.00	1292.46	.002434
1.50	1292.46	.003374	2.00	1292.46	.003941
2.50	1292.46	.004541	3.00	1292.46	.005121
3.50	1292.46	.005760	4.00	1292.46	.006290
4.50	1292.46	.006849	5.00	1292.46	.007479
9.50	1292.46	.007939	6.00	1292.46	.008299
6.50	1292.46	.008839	7.00	1292.46	.009299
7.50	1292.46	.009569	8.00	1292.46	.009928
8.50	1292.46	.010478	9.00	1292.46	.011038
9.50	1292.46	.011438	10.00	1292.46	.011858
20.00	1292.46	.019095	30.00	1292.46	.026552
40.00	1292.46	.035318	50.00	1292.46	.047962
60.00	1292.46	.068113	0.0	0.0	0.0
70.0	1292.46	.090000	40.0	1292.46	.110000
90.0	1292.46	.130000	100.0	1292.46	.150000
110.0	1292.46	.170000	120.0	1292.46	.195000
1.0	1572.32	.003180	2.0	1572.32	.005600
3.00	1572.32	.006341	3.50	1572.32	.008090
4.00	1572.32	.009869	4.50	1572.32	.010899
5.00	1572.32	.011958	5.50	1572.32	.013008
6.00	1572.32	.014087	6.50	1572.32	.015117
7.00	1572.32	.016256	7.50	1572.32	.017246
8.00	1572.32	.018365	8.50	1572.32	.019505
9.00	1572.32	.020594	9.50	1572.32	.021884
10.00	1572.32	.023183	0.0	0.0	0.0
20.0	1572.32	.037000	30.0	1572.32	.058000
40.0	1572.32	.086000	50.0	1572.32	.145000
60.0	1572.32	.215000	70.0	1572.32	.340000
80.0	1572.32	.450000	90.0	1572.32	.600000
100.0	1572.32	.880000	110.0	1572.32	1.200000
120.0	1572.32	1.800000	0.0	0.0	0.0

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	100.	.1641E-05		.6092E-05	.269	-1.369
2.	100.	.1814E-05		.7855E-05	.231	-1.300
3.	100.	.1914E-05		.9015E-05	.213	-1.270
4.	100.	.1993E-05		.9886E-05	.202	-1.252
5.	100.	.2050E-05		.1058E-04	.194	-1.240
10.	100.	.2224E-05		.1230E-04	.181	-1.221
15.	100.	.2320E-05		.1286E-04	.180	-1.220
20.	100.	.2384E-05		.1326E-04	.180	-1.219
25.	100.	.2431E-05		.1366E-04	.178	-1.216
30.	100.	.2464E-05		.1417E-04	.174	-1.211
35.	100.	.2497E-05		.1473E-04	.170	-1.204
40.	100.	.2521E-05		.1535E-04	.164	-1.196
45.	100.	.2541E-05		.1604E-04	.158	-1.188
50.	100.	.2558E-05		.1679E-04	.152	-1.180
55.	100.	.2572E-05		.1759E-04	.146	-1.171
60.	100.	.2585E-05		.1843E-04	.140	-1.163
65.	100.	.2596E-05		.1926E-04	.135	-1.156
70.	100.	.2606E-05		.2008E-04	.130	-1.149
75.	100.	.2614E-05		.2087E-04	.125	-1.143
80.	100.	.2622E-05		.2163E-04	.121	-1.138
85.	100.	.2629E-05		.2234E-04	.118	-1.133
90.	100.	.2635E-05		.2300E-04	.115	-1.129
95.	100.	.2641E-05		.2360E-04	.112	-1.126
100.	100.	.2646E-05		.2415E-04	.110	-1.123
105.	100.	.2650E-05		.2464E-04	.108	-1.121
110.	100.	.2654E-05		.2507E-04	.106	-1.118
115.	100.	.2658E-05		.2544E-04	.104	-1.117
120.	100.	.2661E-05		.2576E-04	.103	-1.115

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	200.	.3210E-05		.3026E-04	.106	-1.119
2.	200.	.3319E-05		.4690E-04	.084	-1.091
3.	200.	.4378E-05		.5942E-04	.074	-1.080
4.	200.	.4720E-05		.6961E-04	.068	-1.073
5.	200.	.4993E-05		.7817E-04	.064	-1.068
10.	200.	.5869E-05		.1020E-03	.058	-1.061
15.	200.	.6383E-05		.1101E-03	.058	-1.062
20.	200.	.6738E-05		.1146E-03	.059	-1.062
25.	200.	.7004E-05		.1183E-03	.059	-1.063
30.	200.	.7213E-05		.1222E-03	.059	-1.063
35.	200.	.7383E-05		.1263E-03	.058	-1.062
40.	200.	.7524E-05		.1309E-03	.057	-1.061
45.	200.	.7643E-05		.1358E-03	.056	-1.060
50.	200.	.7744E-05		.1412E-03	.055	-1.056
55.	200.	.7832E-05		.1471E-03	.053	-1.056
60.	200.	.7909E-05		.1535E-03	.052	-1.054
65.	200.	.7976E-05		.1607E-03	.050	-1.052
70.	200.	.8036E-05		.1687E-03	.048	-1.050
75.	200.	.8089E-05		.1776E-03	.046	-1.048
80.	200.	.8136E-05		.1875E-03	.043	-1.045
85.	200.	.8178E-05		.1984E-03	.041	-1.043
90.	200.	.8216E-05		.2105E-03	.039	-1.041
95.	200.	.8250E-05		.2239E-03	.037	-1.038
100.	200.	.8281E-05		.2386E-03	.035	-1.036
105.	200.	.8308E-05		.2547E-03	.033	-1.034
110.	200.	.8331E-05		.2724E-03	.031	-1.032
115.	200.	.8356E-05		.2918E-03	.029	-1.029
120.	200.	.8376E-05		.3131E-03	.027	-1.027

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	300.	.0188E-05	.1087E-03	.057	-1.060
2.	300.	.8319E-05	.1901E-03	.044	-1.046
3.	300.	.9405E-05	.2564E-03	.038	-1.040
4.	300.	.1096E-04	.3124E-03	.035	-1.036
5.	300.	.1192E-04	.3620E-03	.033	-1.034
10.	300.	.1515E-04	.5117E-03	.030	-1.031
15.	300.	.1715E-04	.5730E-03	.030	-1.031
20.	300.	.1859E-04	.6070E-03	.031	-1.032
25.	300.	.1969E-04	.6318E-03	.031	-1.032
30.	300.	.2057E-04	.6535E-03	.031	-1.032
35.	300.	.2129E-04	.6745E-03	.032	-1.033
40.	300.	.2189E-04	.6958E-03	.031	-1.032
45.	300.	.2241E-04	.7178E-03	.031	-1.032
50.	300.	.2285E-04	.7408E-03	.031	-1.032
55.	300.	.2323E-04	.7653E-03	.030	-1.031
60.	300.	.2357E-04	.7935E-03	.030	-1.031
65.	300.	.2387E-04	.8272E-03	.029	-1.030
70.	300.	.2413E-04	.8681E-03	.028	-1.029
75.	300.	.2437E-04	.9172E-03	.027	-1.027
80.	300.	.2458E-04	.9759E-03	.025	-1.026
85.	300.	.2477E-04	.1045E-02	.024	-1.024
90.	300.	.2494E-04	.1127E-02	.022	-1.023
95.	300.	.2509E-04	.1222E-02	.021	-1.021
100.	300.	.2523E-04	.1333E-02	.019	-1.019
105.	300.	.2535E-04	.1462E-02	.017	-1.018
110.	300.	.2547E-04	.1612E-02	.016	-1.016
115.	300.	.2557E-04	.1784E-02	.014	-1.015
120.	300.	.2566E-04	.1984E-02	.013	-1.013

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	400.	.1167E-04	.2930E-03	.040	-1.041
2.	400.	.1723E-04	.5488E-03	.031	-1.032
3.	400.	.2138E-04	.7649E-03	.028	-1.029
4.	400.	.2476E-04	.9524E-03	.026	-1.027
5.	400.	.2764E-04	.1118E-02	.025	-1.025
10.	400.	.3787E-04	.1865E-02	.023	-1.023
15.	400.	.4459E-04	.1937E-02	.023	-1.024
20.	400.	.4956E-04	.2101E-02	.024	-1.024
25.	400.	.5344E-04	.2217E-02	.024	-1.025
30.	400.	.5659E-04	.2309E-02	.025	-1.025
35.	400.	.5921E-04	.2386E-02	.025	-1.025
40.	400.	.6142E-04	.2456E-02	.025	-1.026
45.	400.	.6332E-04	.2521E-02	.025	-1.026
50.	400.	.6497E-04	.2583E-02	.025	-1.026
55.	400.	.6641E-04	.2646E-02	.025	-1.026
60.	400.	.6768E-04	.2720E-02	.025	-1.026
65.	400.	.6880E-04	.2816E-02	.024	-1.025
70.	400.	.6980E-04	.2939E-02	.024	-1.024
75.	400.	.7070E-04	.3097E-02	.023	-1.023
80.	400.	.7159E-04	.3293E-02	.022	-1.022
85.	400.	.7222E-04	.3535E-02	.020	-1.021
90.	400.	.7287E-04	.3829E-02	.019	-1.019
95.	400.	.7345E-04	.4182E-02	.018	-1.018
100.	400.	.7398E-04	.4605E-02	.016	-1.016
105.	400.	.7446E-04	.5110E-02	.015	-1.015
110.	400.	.7490E-04	.5710E-02	.013	-1.013
115.	400.	.7529E-04	.6423E-02	.012	-1.012
120.	400.	.7564E-04	.7270E-02	.010	-1.011

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	500.	.2141E-04		.6156E-03	.035	-1.030
2.	500.	.3454E-04		.1183E-02	.029	-1.030
3.	500.	.4503E-04		.1664E-02	.027	-1.028
4.	500.	.5492E-04		.2081E-02	.026	-1.027
5.	500.	.6170E-04		.2444E-02	.025	-1.026
10.	500.	.9083E-04		.3757E-02	.024	-1.025
15.	500.	.1110E-03		.4541E-02	.024	-1.025
20.	500.	.1264E-03		.5067E-02	.025	-1.026
25.	500.	.1386E-03		.5445E-02	.025	-1.026
30.	500.	.1487E-03		.5730E-02	.026	-1.027
35.	500.	.1572E-03		.5951E-02	.026	-1.027
40.	500.	.1644E-03		.6128E-02	.027	-1.028
45.	500.	.1707E-03		.6271E-02	.027	-1.028
50.	500.	.1761E-03		.6389E-02	.028	-1.028
55.	500.	.1809E-03		.6494E-02	.028	-1.029
60.	500.	.1852E-03		.6614E-02	.028	-1.029
65.	500.	.1890E-03		.6793E-02	.028	-1.029
70.	500.	.1923E-03		.7035E-02	.027	-1.028
75.	500.	.1953E-03		.7359E-02	.027	-1.027
80.	500.	.1981E-03		.7780E-02	.025	-1.026
85.	500.	.2005E-03		.8310E-02	.024	-1.025
90.	500.	.2027E-03		.8967E-02	.023	-1.023
95.	500.	.2047E-03		.9770E-02	.021	-1.021
100.	500.	.2065E-03		.1075E-01	.019	-1.020
105.	500.	.2082E-03		.1192E-01	.017	-1.018
110.	500.	.2096E-03		.1333E-01	.016	-1.016
115.	500.	.2110E-03		.1503E-01	.014	-1.014
120.	500.	.2122E-03		.1706E-01	.012	-1.013

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	600.	.3793E-04		.1047E-02	.036	-1.038
2.	600.	.6651E-04		.2000E-02	.033	-1.034
3.	600.	.9082E-04		.2790E-02	.033	-1.034
4.	600.	.1122E-03		.3464E-02	.032	-1.033
5.	600.	.1315E-03		.4051E-02	.032	-1.034
10.	600.	.2070E-03		.6294E-02	.033	-1.034
15.	600.	.2620E-03		.7894E-02	.033	-1.034
20.	600.	.3050E-03		.9079E-02	.034	-1.035
25.	600.	.3400E-03		.9967E-02	.034	-1.035
30.	600.	.3692E-03		.1063E-01	.035	-1.036
35.	600.	.3940E-03		.1113E-01	.035	-1.037
40.	600.	.4154E-03		.1150E-01	.036	-1.037
45.	600.	.4340E-03		.1177E-01	.037	-1.038
50.	600.	.4503E-03		.1195E-01	.038	-1.039
55.	600.	.4647E-03		.1208E-01	.038	-1.040
60.	600.	.4775E-03		.1223E-01	.039	-1.041
65.	600.	.4890E-03		.1245E-01	.039	-1.041
70.	600.	.4992E-03		.1278E-01	.039	-1.041
75.	600.	.5084E-03		.1325E-01	.038	-1.040
80.	600.	.5167E-03		.1389E-01	.037	-1.039
85.	600.	.5242E-03		.1476E-01	.036	-1.037
90.	600.	.5309E-03		.1572E-01	.034	-1.035
95.	600.	.5370E-03		.1697E-01	.032	-1.033
100.	600.	.5426E-03		.1850E-01	.029	-1.030
105.	600.	.5476E-03		.2035E-01	.027	-1.028
110.	600.	.5522E-03		.2252E-01	.024	-1.025
115.	600.	.5564E-03		.2524E-01	.022	-1.023
120.	600.	.5601E-03		.2844E-01	.020	-1.020

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	700.	.0444E-04		.1494E-02	.043	-1.045
2.	700.	.1221E-03		.2779E-02	.044	-1.046
3.	700.	.1740E-03		.3803E-02	.046	-1.048
4.	700.	.2214E-03		.4654E-02	.048	-1.050
5.	700.	.2650E-03		.5386E-02	.049	-1.052
10.	700.	.4441E-03		.8376E-02	.053	-1.056
15.	700.	.5804E-03		.1087E-01	.053	-1.056
20.	700.	.6898E-03		.1289E-01	.054	-1.057
25.	700.	.7804E-03		.1448E-01	.054	-1.057
30.	700.	.8570E-03		.1570E-01	.055	-1.058
35.	700.	.9227E-03		.1662E-01	.056	-1.059
40.	700.	.9798E-03		.1729E-01	.057	-1.060
45.	700.	.1030E-02		.1775E-01	.058	-1.062
50.	700.	.1074E-02		.1804E-01	.060	-1.063
55.	700.	.1113E-02		.1820E-01	.061	-1.065
60.	700.	.1148E-02		.1835E-01	.063	-1.067
65.	700.	.1179E-02		.1858E-01	.063	-1.068
70.	700.	.1207E-02		.1895E-01	.064	-1.068
75.	700.	.1232E-02		.1940E-01	.063	-1.068
80.	700.	.1255E-02		.2022E-01	.062	-1.066
85.	700.	.1276E-02		.2117E-01	.060	-1.064
90.	700.	.1295E-02		.2239E-01	.058	-1.061
95.	700.	.1312E-02		.2388E-01	.055	-1.058
100.	700.	.1327E-02		.2570E-01	.052	-1.054
105.	700.	.1341E-02		.2789E-01	.048	-1.051
110.	700.	.1354E-02		.3051E-01	.044	-1.046
115.	700.	.1365E-02		.3362E-01	.041	-1.042
120.	700.	.1376E-02		.3731E-01	.037	-1.038

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	800.	.1044E-03		.1861E-02	.056	-1.059
2.	800.	.2121E-03		.3330E-02	.064	-1.066
3.	800.	.3142E-03		.4450E-02	.071	-1.076
4.	800.	.4103E-03		.5355E-02	.077	-1.083
5.	800.	.5019E-03		.6122E-02	.082	-1.089
10.	800.	.8880E-03		.9475E-02	.094	-1.103
15.	800.	.1195E-02		.1266E-01	.094	-1.104
20.	800.	.1447E-02		.1545E-01	.094	-1.103
25.	800.	.1659E-02		.1777E-01	.093	-1.103
30.	800.	.1840E-02		.1964E-01	.094	-1.103
35.	800.	.1998E-02		.2108E-01	.095	-1.105
40.	800.	.2135E-02		.2216E-01	.096	-1.107
45.	800.	.2256E-02		.2293E-01	.098	-1.109
50.	800.	.2363E-02		.2342E-01	.101	-1.112
55.	800.	.2459E-02		.2371E-01	.104	-1.116
60.	800.	.2544E-02		.2394E-01	.106	-1.119
65.	800.	.2621E-02		.2421E-01	.108	-1.121
70.	800.	.2690E-02		.2460E-01	.109	-1.123
75.	800.	.2752E-02		.2516E-01	.109	-1.123
80.	800.	.2809E-02		.2592E-01	.108	-1.122
85.	800.	.2860E-02		.2690E-01	.106	-1.119
90.	800.	.2906E-02		.2813E-01	.103	-1.115
95.	800.	.2949E-02		.2964E-01	.099	-1.110
100.	800.	.2987E-02		.3146E-01	.095	-1.105
105.	800.	.3022E-02		.3363E-01	.090	-1.099
110.	800.	.3053E-02		.3619E-01	.084	-1.092
115.	800.	.3082E-02		.3914E-01	.079	-1.085
120.	800.	.3108E-02		.4270E-01	.073	-1.079

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	900.	.1600E-03		.2097E-02	.076	-1.083
2.	900.	.3458E-03		.3610E-02	.096	-1.106
3.	900.	.5300E-03		.4718E-02	.112	-1.127
4.	900.	.7085E-03		.5596E-02	.127	-1.145
5.	900.	.8802E-03		.6333E-02	.139	-1.161
10.	900.	.1639E-02		.9751E-02	.168	-1.202
15.	900.	.2263E-02		.1334E-01	.170	-1.204
20.	900.	.2766E-02		.1669E-01	.167	-1.200
25.	900.	.3233E-02		.1963E-01	.165	-1.197
30.	900.	.3618E-02		.2213E-01	.164	-1.196
35.	900.	.3959E-02		.2417E-01	.164	-1.196
40.	900.	.4251E-02		.2578E-01	.165	-1.197
45.	900.	.4513E-02		.2702E-01	.167	-1.201
50.	900.	.4746E-02		.2791E-01	.170	-1.205
55.	900.	.4958E-02		.2854E-01	.174	-1.210
60.	900.	.5142E-02		.2903E-01	.177	-1.215
65.	900.	.5311E-02		.2951E-01	.180	-1.219
70.	900.	.5463E-02		.3007E-01	.182	-1.222
75.	900.	.5600E-02		.3075E-01	.182	-1.223
80.	900.	.5725E-02		.3154E-01	.181	-1.221
85.	900.	.5838E-02		.3262E-01	.179	-1.218
90.	900.	.5941E-02		.3387E-01	.175	-1.213
95.	900.	.6035E-02		.3535E-01	.171	-1.206
100.	900.	.6120E-02		.3710E-01	.165	-1.198
105.	900.	.6197E-02		.3913E-01	.158	-1.188
110.	900.	.6267E-02		.4148E-01	.151	-1.178
115.	900.	.6332E-02		.4418E-01	.143	-1.167
120.	900.	.6390E-02		.4726E-01	.135	-1.156

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1000.	.2306E-03		.2221E-02	.104	-1.116
2.	1000.	.5252E-03		.3714E-02	.141	-1.165
3.	1000.	.8289E-03		.4786E-02	.173	-1.209
4.	1000.	.1130E-02		.5631E-02	.201	-1.251
5.	1000.	.1425E-02		.6342E-02	.225	-1.290
10.	1000.	.2768E-02		.9768E-02	.283	-1.395
15.	1000.	.3905E-02		.1357E-01	.288	-1.404
20.	1000.	.4876E-02		.1731E-01	.282	-1.392
25.	1000.	.5713E-02		.2079E-01	.275	-1.379
30.	1000.	.6443E-02		.2391E-01	.270	-1.369
35.	1000.	.7084E-02		.2664E-01	.266	-1.362
40.	1000.	.7651E-02		.2894E-01	.264	-1.354
45.	1000.	.8156E-02		.3095E-01	.264	-1.358
50.	1000.	.8606E-02		.3256E-01	.264	-1.359
55.	1000.	.9010E-02		.3388E-01	.266	-1.362
60.	1000.	.9374E-02		.3501E-01	.268	-1.366
65.	1000.	.9702E-02		.3607E-01	.269	-1.368
70.	1000.	.9999E-02		.3715E-01	.269	-1.368
75.	1000.	.1027E-01		.3826E-01	.268	-1.367
80.	1000.	.1051E-01		.3952E-01	.266	-1.362
85.	1000.	.1073E-01		.4089E-01	.262	-1.356
90.	1000.	.1093E-01		.4242E-01	.258	-1.347
95.	1000.	.1112E-01		.4413E-01	.252	-1.337
100.	1000.	.1128E-01		.4604E-01	.245	-1.325
105.	1000.	.1144E-01		.4816E-01	.237	-1.311
110.	1000.	.1158E-01		.5053E-01	.229	-1.297
115.	1000.	.1170E-01		.5316E-01	.220	-1.282
120.	1000.	.1182E-01		.5607E-01	.211	-1.267

1700 F. BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TM
1.	1100.	.3104E-03	.2283E-02	.136	-1.157
2.	1100.	.7377E-03	.3776E-02	.195	-1.243
3.	1100.	.1192E-02	.4458E-02	.245	-1.325
4.	1100.	.1451E-02	.5724E-02	.288	-1.405
5.	1100.	.2106E-02	.6467E-02	.326	-1.483
10.	1100.	.4233E-02	.1006E-01	.421	-1.727
15.	1100.	.6077E-02	.1407E-01	.432	-1.761
20.	1100.	.7673E-02	.1817E-01	.422	-1.731
25.	1100.	.9064E-02	.2219E-01	.408	-1.690
30.	1100.	.1028E-01	.2605E-01	.395	-1.652
35.	1100.	.1136E-01	.2966E-01	.383	-1.620
40.	1100.	.1232E-01	.3307E-01	.372	-1.594
45.	1100.	.1317E-01	.3621E-01	.364	-1.572
50.	1100.	.1394E-01	.3909E-01	.357	-1.554
55.	1100.	.1462E-01	.4172E-01	.351	-1.540
60.	1100.	.1524E-01	.4419E-01	.345	-1.527
65.	1100.	.1581E-01	.4657E-01	.339	-1.514
70.	1100.	.1631E-01	.4891E-01	.334	-1.500
75.	1100.	.1677E-01	.5129E-01	.327	-1.486
80.	1100.	.1719E-01	.5364E-01	.320	-1.472
85.	1100.	.1757E-01	.5611E-01	.313	-1.456
90.	1100.	.1792E-01	.5866E-01	.305	-1.440
95.	1100.	.1823E-01	.6133E-01	.297	-1.423
100.	1100.	.1852E-01	.6414E-01	.289	-1.406
105.	1100.	.1878E-01	.6709E-01	.280	-1.389
110.	1100.	.1902E-01	.7020E-01	.271	-1.372
115.	1100.	.1924E-01	.7349E-01	.262	-1.355
120.	1100.	.1944E-01	.7698E-01	.252	-1.338

1700 F. BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TM
1.	1200.	.3876E-03	.2315E-02	.167	-1.201
2.	1200.	.9505E-03	.3658E-02	.246	-1.327
3.	1200.	.1563E-02	.5013E-02	.312	-1.453
4.	1200.	.2190E-02	.5968E-02	.367	-1.580
5.	1200.	.2819E-02	.6807E-02	.414	-1.707
10.	1200.	.5807E-02	.1077E-01	.539	-2.169
15.	1200.	.8440E-02	.1507E-01	.560	-2.275
20.	1200.	.1075E-01	.1959E-01	.549	-2.216
25.	1200.	.1277E-01	.2426E-01	.527	-2.112
30.	1200.	.1456E-01	.2902E-01	.502	-2.006
35.	1200.	.1614E-01	.3386E-01	.477	-1.911
40.	1200.	.1755E-01	.3874E-01	.453	-1.828
45.	1200.	.1881E-01	.4364E-01	.431	-1.757
50.	1200.	.1994E-01	.4855E-01	.411	-1.697
55.	1200.	.2096E-01	.5346E-01	.392	-1.645
60.	1200.	.2188E-01	.5839E-01	.375	-1.594
65.	1200.	.2271E-01	.6333E-01	.359	-1.559
70.	1200.	.2346E-01	.6832E-01	.343	-1.523
75.	1200.	.2415E-01	.7335E-01	.324	-1.491
80.	1200.	.2477E-01	.7843E-01	.316	-1.462
85.	1200.	.2534E-01	.8356E-01	.303	-1.435
90.	1200.	.2585E-01	.8879E-01	.291	-1.411
95.	1200.	.2632E-01	.9408E-01	.280	-1.389
100.	1200.	.2675E-01	.9944E-01	.269	-1.368
105.	1200.	.2714E-01	.1049E+00	.259	-1.349
110.	1200.	.2750E-01	.1104E+00	.249	-1.332
115.	1200.	.2782E-01	.1161E+00	.240	-1.315
120.	1200.	.2812E-01	.1218E+00	.231	-1.300

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1300.	.4460E-03		.2347E-02	.190	-1.235
2.	1300.	.1115E-02		.4004E-02	.278	-1.385
3.	1300.	.1853E-02		.5315E-02	.349	-1.535
4.	1300.	.2616E-02		.6435E-02	.406	-1.685
5.	1300.	.3384E-02		.7446E-02	.454	-1.833
10.	1300.	.7078E-02		.1206E-01	.587	-2.421
15.	1300.	.1057E-01		.1674E-01	.618	-2.616
20.	1300.	.1327E-01		.2167E-01	.607	-2.544
25.	1300.	.1583E-01		.2736E-01	.578	-2.371
30.	1300.	.1808E-01		.3332E-01	.543	-2.187
35.	1300.	.2009E-01		.3976E-01	.505	-2.021
40.	1300.	.2188E-01		.4672E-01	.468	-1.881
45.	1300.	.2348E-01		.5420E-01	.433	-1.764
50.	1300.	.2492E-01		.6224E-01	.400	-1.668
55.	1300.	.2622E-01		.7085E-01	.370	-1.588
60.	1300.	.2740E-01		.7999E-01	.342	-1.521
65.	1300.	.2846E-01		.8963E-01	.318	-1.465
70.	1300.	.2942E-01		.9972E-01	.295	-1.419
75.	1300.	.3030E-01		.1102E+00	.275	-1.379
80.	1300.	.3110E-01		.1211E+00	.257	-1.345
85.	1300.	.3182E-01		.1323E+00	.240	-1.317
90.	1300.	.3248E-01		.1439E+00	.226	-1.292
95.	1300.	.3308E-01		.1557E+00	.213	-1.270
100.	1300.	.3363E-01		.1677E+00	.201	-1.251
105.	1300.	.3413E-01		.1800E+00	.190	-1.234
110.	1300.	.3459E-01		.1924E+00	.180	-1.219
115.	1300.	.3500E-01		.2050E+00	.171	-1.206
120.	1300.	.3538E-01		.2177E+00	.163	-1.194

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1400.	.4699E-03		.2409E-02	.195	-1.242
2.	1400.	.1182E-02		.4290E-02	.276	-1.380
3.	1400.	.1971E-02		.5851E-02	.337	-1.508
4.	1400.	.2788E-02		.7241E-02	.385	-1.626
5.	1400.	.3614E-02		.8524E-02	.424	-1.736
10.	1400.	.7593E-02		.1418E-01	.536	-2.153
15.	1400.	.1115E-01		.1960E-01	.569	-2.321
20.	1400.	.1429E-01		.2548E-01	.561	-2.277
25.	1400.	.1706E-01		.3213E-01	.531	-2.132
30.	1400.	.1951E-01		.3970E-01	.491	-1.966
35.	1400.	.2168E-01		.4834E-01	.449	-1.813
40.	1400.	.2362E-01		.5620E-01	.406	-1.683
45.	1400.	.2537E-01		.6442E-01	.368	-1.576
50.	1400.	.2693E-01		.7214E-01	.328	-1.488
55.	1400.	.2834E-01		.8052E-01	.294	-1.416
60.	1400.	.2962E-01		.8926E+00	.263	-1.357
65.	1400.	.3077E-01		.9830E+00	.236	-1.309
70.	1400.	.3182E-01		.1098E+00	.212	-1.270
75.	1400.	.3277E-01		.1209E+00	.192	-1.237
80.	1400.	.3363E-01		.1337E+00	.174	-1.210
85.	1400.	.3442E-01		.1481E+00	.158	-1.187
90.	1400.	.3514E-01		.1642E+00	.144	-1.168
95.	1400.	.3570E-01		.1718E+00	.132	-1.152
100.	1400.	.3639E-01		.1809E+00	.121	-1.138
105.	1400.	.3693E-01		.1915E+00	.111	-1.125
110.	1400.	.3743E-01		.2034E+00	.103	-1.115
115.	1400.	.3788E-01		.2168E+00	.095	-1.106
120.	1400.	.3824E-01		.2314E+00	.089	-1.097

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1500.	.4501E+03	.2538E+02	.177	-1.216
2.	1500.	.1124E+02	.4787E+02	.235	-1.307
3.	1500.	.1865E+02	.6759E+02	.276	-1.381
4.	1500.	.2631E+02	.8573E+02	.307	-1.443
5.	1500.	.3402E+02	.1028E+03	.331	-1.494
10.	1500.	.7101E+02	.1758E+03	.404	-1.678
15.	1500.	.1039E+03	.2411E+03	.431	-1.758
20.	1500.	.1329E+03	.3125E+03	.425	-1.739
25.	1500.	.1583E+03	.3957E+03	.400	-1.667
30.	1500.	.1808E+03	.4944E+03	.366	-1.577
35.	1500.	.2007E+03	.6118E+03	.328	-1.488
40.	1500.	.2185E+03	.7514E+03	.291	-1.410
45.	1500.	.2345E+03	.9170E+03	.256	-1.344
50.	1500.	.2488E+03	.1113E+04	.224	-1.286
55.	1500.	.2617E+03	.1343E+04	.195	-1.242
60.	1500.	.2733E+03	.1612E+04	.170	-1.204
65.	1500.	.2834E+03	.1923E+04	.148	-1.173
70.	1500.	.2934E+03	.2280E+04	.124	-1.148
75.	1500.	.3021E+03	.2686E+04	.112	-1.127
80.	1500.	.3106E+03	.3146E+04	.099	-1.109
85.	1500.	.3172E+03	.3664E+04	.087	-1.095
90.	1500.	.3237E+03	.4245E+04	.076	-1.083
95.	1500.	.3296E+03	.4892E+04	.067	-1.072
100.	1500.	.3351E+03	.5610E+04	.060	-1.064
105.	1500.	.3400E+03	.6405E+04	.053	-1.056
110.	1500.	.3445E+03	.7280E+04	.047	-1.050
115.	1500.	.3486E+03	.8241E+04	.042	-1.044
120.	1500.	.3523E+03	.9293E+04	.038	-1.039

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1600.	.3894E+03	.2780E+02	.140	-1.163
2.	1600.	.9505E+03	.5638E+02	.169	-1.203
3.	1600.	.1558E+02	.8281E+02	.188	-1.232
4.	1600.	.2178E+02	.1078E+03	.202	-1.253
5.	1600.	.2798E+02	.1316E+03	.213	-1.270
10.	1600.	.5733E+02	.3109E+03	.248	-1.330
15.	1600.	.8309E+02	.3144E+03	.264	-1.358
20.	1600.	.1055E+03	.4066E+03	.260	-1.351
25.	1600.	.1252E+03	.5156E+03	.243	-1.321
30.	1600.	.1424E+03	.6482E+03	.220	-1.282
35.	1600.	.1577E+03	.8104E+03	.195	-1.242
40.	1600.	.1713E+03	.1009E+04	.170	-1.205
45.	1600.	.1835E+03	.1250E+04	.147	-1.172
50.	1600.	.1944E+03	.1544E+04	.126	-1.144
55.	1600.	.2042E+03	.1899E+04	.108	-1.120
60.	1600.	.2130E+03	.2327E+04	.092	-1.101
65.	1600.	.2210E+03	.2844E+04	.078	-1.084
70.	1600.	.2282E+03	.3463E+04	.066	-1.071
75.	1600.	.2348E+03	.4204E+04	.056	-1.059
80.	1600.	.2407E+03	.5089E+04	.047	-1.050
85.	1600.	.2462E+03	.6143E+04	.040	-1.042
90.	1600.	.2511E+03	.7395E+04	.034	-1.035
95.	1600.	.2556E+03	.8878E+04	.029	-1.030
100.	1600.	.2597E+03	.1063E+05	.024	-1.025
105.	1600.	.2634E+03	.1270E+05	.021	-1.021
110.	1600.	.2668E+03	.1513E+05	.018	-1.018
115.	1600.	.2698E+03	.1799E+05	.015	-1.015
120.	1600.	.2726E+03	.2134E+05	.013	-1.013

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1700.	.3023E-03		.3210E-02	.094	-1.104
2.	1700.	.7099E-03		.7095E-02	.100	-1.111
3.	1700.	.1139E-02		.1087E-01	.105	-1.117
4.	1700.	.1569E-02		.1450E-01	.108	-1.121
5.	1700.	.1994E-02		.1799E-01	.111	-1.125
10.	1700.	.3958E-02		.3229E-01	.123	-1.140
15.	1700.	.5642E-02		.4394E-01	.128	-1.147
20.	1700.	.7091E-02		.5656E-01	.125	-1.143
25.	1700.	.8346E-02		.7165E-01	.116	-1.132
30.	1700.	.9443E-02		.9016E-01	.105	-1.117
35.	1700.	.1041E-01		.1130E+00	.092	-1.101
40.	1700.	.1126E-01		.1412E+00	.080	-1.087
45.	1700.	.1202E-01		.1760E+00	.068	-1.073
50.	1700.	.1271E-01		.2186E+00	.058	-1.062
55.	1700.	.1332E-01		.2709E+00	.049	-1.052
60.	1700.	.1386E-01		.3359E+00	.041	-1.043
65.	1700.	.1436E-01		.4161E+00	.035	-1.036
70.	1700.	.1481E-01		.5170E+00	.029	-1.029
75.	1700.	.1521E-01		.6439E+00	.024	-1.024
80.	1700.	.1558E-01		.8041E+00	.019	-1.020
85.	1700.	.1592E-01		.1007E+01	.016	-1.016
90.	1700.	.1622E-01		.1263E+01	.013	-1.013
95.	1700.	.1649E-01		.1588E+01	.010	-1.010
100.	1700.	.1675E-01		.2001E+01	.008	-1.008
105.	1700.	.1697E-01		.2526E+01	.007	-1.007
110.	1700.	.1718E-01		.3193E+01	.005	-1.005
115.	1700.	.1737E-01		.4043E+01	.004	-1.004
120.	1700.	.1754E-01		.5124E+01	.003	-1.003

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1800.	.2091E-03		.3959E-02	.053	-1.056
2.	1800.	.4646E-03		.9661E-02	.048	-1.051
3.	1800.	.7227E-03		.1546E-01	.047	-1.049
4.	1800.	.9752E-03		.2108E-01	.046	-1.049
5.	1800.	.1220E-02		.2643E-01	.046	-1.048
10.	1800.	.2314E-02		.4826E-01	.048	-1.050
15.	1800.	.3222E-02		.6597E-01	.049	-1.051
20.	1800.	.3988E-02		.8484E-01	.047	-1.049
25.	1800.	.4644E-02		.1070E+00	.043	-1.045
30.	1800.	.5211E-02		.1340E+00	.039	-1.040
35.	1800.	.5706E-02		.1666E+00	.034	-1.035
40.	1800.	.6142E-02		.2070E+00	.030	-1.031
45.	1800.	.6528E-02		.2559E+00	.026	-1.026
50.	1800.	.6872E-02		.3153E+00	.022	-1.022
55.	1800.	.7179E-02		.3878E+00	.019	-1.019
60.	1800.	.7455E-02		.4785E+00	.016	-1.016
65.	1800.	.7703E-02		.5950E+00	.013	-1.013
70.	1800.	.7926E-02		.7470E+00	.011	-1.011
75.	1800.	.8126E-02		.9481E+00	.009	-1.009
80.	1800.	.8311E-02		.1217E+01	.007	-1.007
85.	1800.	.8477E-02		.1578E+01	.005	-1.005
90.	1800.	.8627E-02		.2069E+01	.004	-1.004
95.	1800.	.8764E-02		.2738E+01	.003	-1.003
100.	1800.	.8888E-02		.3658E+01	.002	-1.002
105.	1800.	.9000E-02		.4929E+01	.002	-1.002
110.	1800.	.9103E-02		.6694E+01	.001	-1.001
115.	1800.	.9195E-02		.9158E+01	.001	-1.001
120.	1800.	.9280E-02		.1261E+02	.001	-1.001

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1900.	.1261E-03		.5782E-02	.024	-1.025
2.	1900.	.2644E-03		.1441E-01	.018	-1.019
3.	1900.	.3749E-03		.2407E-01	.016	-1.017
4.	1900.	.5183E-03		.3338E-01	.016	-1.016
5.	1900.	.6150E-03		.4207E-01	.015	-1.015
10.	1900.	.1135E-02		.7749E-01	.015	-1.015
15.	1900.	.1532E-02		.1072E+00	.014	-1.014
20.	1900.	.1859E-02		.1383E+00	.013	-1.014
25.	1900.	.2134E-02		.1734E+00	.012	-1.012
30.	1900.	.2368E-02		.2142E+00	.011	-1.011
35.	1900.	.2571E-02		.2621E+00	.010	-1.010
40.	1900.	.2748E-02		.3184E+00	.009	-1.009
45.	1900.	.2904E-02		.3645E+00	.008	-1.008
50.	1900.	.3042E-02		.4619E+00	.007	-1.007
55.	1900.	.3165E-02		.5536E+00	.006	-1.006
60.	1900.	.3275E-02		.6687E+00	.005	-1.005
65.	1900.	.3373E-02		.8211E+00	.004	-1.004
70.	1900.	.3462E-02		.1029E+01	.003	-1.001
75.	1900.	.3541E-02		.1319E+01	.003	-1.003
80.	1900.	.3613E-02		.1729E+01	.002	-1.002
85.	1900.	.3678E-02		.2319E+01	.002	-1.002
90.	1900.	.3737E-02		.3178E+01	.001	-1.001
95.	1900.	.3790E-02		.4448E+01	.001	-1.001
100.	1900.	.3839E-02		.6347E+01	.001	-1.001
105.	1900.	.3863E-02		.9225E+01	.000	-1.000
110.	1900.	.3927E-02		.1364E+02	.000	-1.000
115.	1900.	.3958E-02		.2049E+02	.000	-1.000
120.	1900.	.3991E-02		.3123E+02	.000	-1.000

1700 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2000.	.1896E-04		.7727E-02	.009	-1.009
2.	2000.	.1299E-03		.2383E-01	.005	-1.005
3.	2000.	.1843E-03		.4146E-01	.004	-1.004
4.	2000.	.2336E-03		.5809E-01	.004	-1.004
5.	2000.	.2789E-03		.7300E-01	.004	-1.004
10.	2000.	.4625E-03		.1342E+00	.003	-1.003
15.	2000.	.6007E-03		.1901E+00	.003	-1.003
20.	2000.	.7107E-03		.2469E+00	.003	-1.003
25.	2000.	.8012E-03		.3070E+00	.003	-1.003
30.	2000.	.8773E-03		.3714E+00	.002	-1.002
35.	2000.	.9423E-03		.4409E+00	.002	-1.002
40.	2000.	.9985E-03		.5160E+00	.002	-1.002
45.	2000.	.1049E-02		.5974E+00	.002	-1.002
50.	2000.	.1091E-02		.6855E+00	.002	-1.002
55.	2000.	.1129E-02		.7833E+00	.001	-1.001
60.	2000.	.1163E-02		.9073E+00	.001	-1.001
65.	2000.	.1193E-02		.1080E+01	.001	-1.001
70.	2000.	.1220E-02		.1330E+01	.001	-1.001
75.	2000.	.1244E-02		.1702E+01	.001	-1.001
80.	2000.	.1266E-02		.2263E+01	.001	-1.001
85.	2000.	.1286E-02		.3126E+01	.000	-1.000
90.	2000.	.1304E-02		.4481E+01	.000	-1.000
95.	2000.	.1320E-02		.6655E+01	.000	-1.000
100.	2000.	.1334E-02		.1022E+02	.000	-1.000
105.	2000.	.1347E-02		.1619E+02	.000	-1.000
110.	2000.	.1359E-02		.2643E+02	.000	-1.000
115.	2000.	.1370E-02		.4432E+02	.000	-1.000
120.	2000.	.1380E-02		.7627E+02	.000	-1.000

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TH
1.	2100.	.3244E-04	.1256E-01	.003	-1.003
2.	2100.	.5464E-04	.4425E-01	.001	-1.001
3.	2100.	.7265E-04	.7982E-01	.001	-1.001
4.	2100.	.8853E-04	.1121E+00	.001	-1.001
5.	2100.	.1024E-03	.1391E+00	.001	-1.001
10.	2100.	.1551E-03	.2519E+00	.001	-1.001
15.	2100.	.1922E-03	.3697E+00	.001	-1.001
20.	2100.	.2206E-03	.4870E+00	.000	-1.000
25.	2100.	.2433E-03	.5984E+00	.000	-1.000
30.	2100.	.2621E-03	.7029E+00	.000	-1.000
35.	2100.	.2779E-03	.7980E+00	.000	-1.000
40.	2100.	.2913E-03	.8838E+00	.000	-1.000
45.	2100.	.3030E-03	.9602E+00	.000	-1.000
50.	2100.	.3151E-03	.1028E+01	.000	-1.000
55.	2100.	.3220E-03	.1092E+01	.000	-1.000
60.	2100.	.3299E-03	.1184E+01	.000	-1.000
65.	2100.	.3369E-03	.1337E+01	.000	-1.000
70.	2100.	.3431E-03	.1590E+01	.000	-1.000
75.	2100.	.3487E-03	.2002E+01	.000	-1.000
80.	2100.	.3536E-03	.2674E+01	.000	-1.000
85.	2100.	.3581E-03	.3786E+01	.000	-1.000
90.	2100.	.3621E-03	.5671E+01	.000	-1.000
95.	2100.	.3658E-03	.8967E+01	.000	-1.000
100.	2100.	.3690E-03	.1492E+02	.000	-1.000
105.	2100.	.3720E-03	.2607E+02	.000	-1.000
110.	2100.	.3747E-03	.4764E+02	.000	-1.000
115.	2100.	.3771E-03	.9083E+02	.000	-1.000
120.	2100.	.3792E-03	.1802E+03	.000	-1.000

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TH
1.	2200.	.1324E-04	.2298E-01	.001	-1.001
2.	2200.	.1953E-04	.9337E-01	.000	-1.000
3.	2200.	.2420E-04	.1736E+00	.000	-1.000
4.	2200.	.2797E-04	.2416E+00	.000	-1.000
5.	2200.	.3116E-04	.2928E+00	.000	-1.000
10.	2200.	.4240E-04	.5149E+00	.000	-1.000
15.	2200.	.4969E-04	.7947E+00	.000	-1.000
20.	2200.	.5502E-04	.1069E+01	.000	-1.000
25.	2200.	.5915E-04	.1298E+01	.000	-1.000
30.	2200.	.6248E-04	.1464E+01	.000	-1.000
35.	2200.	.6523E-04	.1564E+01	.000	-1.000
40.	2200.	.6755E-04	.1605E+01	.000	-1.000
45.	2200.	.6952E-04	.1597E+01	.000	-1.000
50.	2200.	.7122E-04	.1552E+01	.000	-1.000
55.	2200.	.7271E-04	.1491E+01	.000	-1.000
60.	2200.	.7400E-04	.1471E+01	.000	-1.000
65.	2200.	.7515E-04	.1538E+01	.000	-1.000
70.	2200.	.7616E-04	.1730E+01	.000	-1.000
75.	2200.	.7706E-04	.2111E+01	.000	-1.000
80.	2200.	.7787E-04	.2799E+01	.000	-1.000
85.	2200.	.7858E-04	.4034E+01	.000	-1.000
90.	2200.	.7923E-04	.6302E+01	.000	-1.000
95.	2200.	.7981E-04	.1064E+02	.000	-1.000
100.	2200.	.8032E-04	.1932E+02	.000	-1.000
105.	2200.	.8079E-04	.3762E+02	.000	-1.000
110.	2200.	.8121E-04	.7818E+02	.000	-1.000
115.	2200.	.8159E-04	.1727E+03	.000	-1.000
120.	2200.	.8193E-04	.4032E+03	.000	-1.000

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	2300.	.4658E-05	.4794E+01	.000	-1.000
2.	2300.	.5849E-05	.2267E+00	.000	-1.000
3.	2300.	.6646E-05	.4313E+00	.000	-1.000
4.	2300.	.7303E-05	.5877E+00	.000	-1.000
5.	2300.	.7740E-05	.6861E+00	.000	-1.000
10.	2300.	.9456E-05	.1151E+01	.000	-1.000
15.	2300.	.1028E+00	.1900E+01	.000	-1.000
20.	2300.	.1091E+00	.2635E+01	.000	-1.000
25.	2300.	.1139E+00	.3152E+01	.000	-1.000
30.	2300.	.1176E+00	.3376E+01	.000	-1.000
35.	2300.	.1206E+00	.3334E+01	.000	-1.000
40.	2300.	.1231E+00	.3099E+01	.000	-1.000
45.	2300.	.1252E+00	.2750E+01	.000	-1.000
50.	2300.	.1270E+00	.2355E+01	.000	-1.000
55.	2300.	.1285E+00	.1981E+01	.000	-1.000
60.	2300.	.1298E+00	.1726E+01	.000	-1.000
65.	2300.	.1310E+00	.1624E+01	.000	-1.000
70.	2300.	.1320E+00	.1688E+01	.000	-1.000
75.	2300.	.1324E+00	.1458E+01	.000	-1.000
80.	2300.	.1337E+00	.2545E+01	.000	-1.000
85.	2300.	.1344E+00	.3703E+01	.000	-1.000
90.	2300.	.1350E+00	.6016E+01	.000	-1.000
95.	2300.	.1355E+00	.1086E+02	.000	-1.000
100.	2300.	.1360E+00	.2169E+02	.000	-1.000
105.	2300.	.1365E+00	.4761E+02	.000	-1.000
110.	2300.	.1369E+00	.1143E+03	.000	-1.000
115.	2300.	.1372E+00	.2983E+03	.000	-1.000
120.	2300.	.1376E+00	.8419E+03	.000	-1.000

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	2400.	.1403E-05	.1158E+00	.000	-1.000
2.	2400.	.1486E-05	.6414E+00	.000	-1.000
3.	2400.	.1532E-05	.1236E+01	.000	-1.000
4.	2400.	.1563E-05	.1626E+01	.000	-1.000
5.	2400.	.1586E-05	.1801E+01	.000	-1.000
10.	2400.	.1651E-05	.2825E+01	.000	-1.000
15.	2400.	.1684E-05	.5087E+01	.000	-1.000
20.	2400.	.1705E-05	.7349E+01	.000	-1.000
25.	2400.	.1719E-05	.8642E+01	.000	-1.000
30.	2400.	.1730E-05	.8691E+01	.000	-1.000
35.	2400.	.1738E-05	.7782E+01	.000	-1.000
40.	2400.	.1745E-05	.6387E+01	.000	-1.000
45.	2400.	.1750E-05	.4907E+01	.000	-1.000
50.	2400.	.1754E-05	.3582E+01	.000	-1.000
55.	2400.	.1758E-05	.2546E+01	.000	-1.000
60.	2400.	.1761E-05	.1892E+01	.000	-1.000
65.	2400.	.1763E-05	.1554E+01	.000	-1.000
70.	2400.	.1766E-05	.1454E+01	.000	-1.000
75.	2400.	.1767E-05	.1571E+01	.000	-1.000
80.	2400.	.1769E-05	.1970E+01	.000	-1.000
85.	2400.	.1770E-05	.2867E+01	.000	-1.000
90.	2400.	.1771E-05	.4826E+01	.000	-1.000
95.	2400.	.1772E-05	.9336E+01	.000	-1.000
100.	2400.	.1773E-05	.2063E+02	.000	-1.000
105.	2400.	.1774E-05	.5166E+02	.000	-1.000
110.	2400.	.1774E-05	.1456E+03	.000	-1.000
115.	2400.	.1775E-05	.4585E+03	.000	-1.000
120.	2400.	.1775E-05	.1602E+04	.000	-1.000

1700 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978			
LENGTH	1700 F OXY BIAxIAL ENGR	1978	
2		2	
-4.60500E+00	4.78800E+00 0.	0. 0. 0.	3
2			4
0.	1.57300E+03 0.	0. 0. 0.	5
16			6
-1.40016E+01	1.26256E-03 9.60594E-06 1.22563E-03	-1.39993E+01 2.42363E-04	7
1.16676E-02	2.83391E-04 -1.40010E+01 1.15540E+00	-3.01292E-06 -2.81335E-04	8
-3.51514E+00	2.36915E-01 -2.97406E-03 -8.06489E-05	0. 0.	9
	DIAMETER 1700 F OXY BIAxIAL ENGR 1978		
5			2
-4.60500E+00	1.39000E+00 2.08000E+00 3.92000E+00	4.80000E+00 0.	3
3			4
0.	9.90900E+02 1.57240E+03 0.	0. 0.	5
60			6
-1.40214E+01	2.24050E-02 1.67223E-04 4.30829E-03	-1.39836E+01 -1.25510E-02	7
2.73389E-02	1.80960E-03 -1.39903E+01 -1.42134E-03	2.95359E-02 2.12513E-03	8
-1.36575E+01	5.09170E-01 2.95658E-02 -2.22101E-04	-1.38416E+01 -1.87299E+00	9
3.69374E-02	2.47940E-02 -1.39794E+01 2.86714E+00	-2.69805E-05 1.14323E-03	10
-5.17806E+00	5.42562E-01 5.30445E-05 -1.07219E-04	-4.78803E+00 6.62679E-01	11
4.75064E-05	8.80626E-05 -3.43603E+00 4.19917E-01	1.62886E-03 2.15421E-03	12
-2.88527E+00	1.37344E+00 2.20834E-03 -3.20235E-03	-1.39656E+01 2.75491E+00	13
1.33048E-04	-1.68134E-03 -4.59675E+00 8.81385E-01	2.43180E-03 8.38926E-04	14
-4.01765E+00	7.74702E-01 2.84034E-03 2.31239E-04	-1.94459E+00 2.06270E+00	15
3.33490E-03	1.61023E-03 5.69591E-01 3.71866E+00	8.60487E-03 1.34802E-02	16

SPLINE,P2,T100.
ACCOUNT,PBP052,BATNW.
ATTACH(OLDLGO,SPLINELGO,ID=KBSBNW)
OLDLGO.

*
.001 20.
DIAMETER 1700 F OXY BIAXIAL TRUE FIT 1978

3	-4.60500E+00	1.39000E+00	4.80000E+00	0.	0.	0.
3	0.	4.00100E+02	2.40010E+03	0.	0.	0.
1.00	400.00	.000430	2.00	400.00	.000595	
3.00	400.00	.000910	4.00	400.00	.001570	
5.00	400.00	.001870	10.00	400.00	.002750	
20.00	400.00	.004750	30.00	400.00	.006250	
40.00	400.00	.007400	50.00	400.00	.008300	
60.00	400.00	.009050	70.00	400.00	.009950	
80.00	400.00	.010800	90.00	400.00	.011900	
100.00	400.00	.012900	110.00	400.00	.014200	
120.00	400.00	.016300				
.50	977.52	.001416	1.00	990.83	.002147	
1.50	996.59	.002838	2.00	997.00	.003298	
2.50	997.60	.003788	3.00	1000.54	.004137	
3.50	999.48	.004507	4.00	1001.69	.005157	
4.50	999.78	.005467	5.00	1000.99	.005957	
5.50	1000.30	.006197	6.00	1000.01	.006667	
6.50	1002.29	.006997	7.00	1005.86	.007316	
7.50	1006.20	.007726	8.00	1006.29	.008036	
8.50	1009.43	.008506	9.00	1009.30	.008696	
9.50	1009.84	.008926	10.00	1011.08	.009396	
20.00	1023.69	.015724	30.00	1034.61	.020742	
40.00	1048.46	.025720	50.00	1059.93	.030539	
60.00	1072.87	.035677	70.00	1083.93	.040135	
80.00	1095.93	.045174	90.00	1107.91	.049692	
100.00	1122.16	.054560	110.00	1133.43	.059248	
120.00	1146.50	.064237				
.50	1272.45	.001436	1.00	1292.46	.002434	
1.50	1296.15	.003374	2.00	1302.59	.003941	
2.50	1304.39	.004541	3.00	1304.80	.005121	
3.50	1310.24	.005760	4.00	1311.19	.006290	
4.50	1315.07	.006849	5.00	1315.66	.007479	
5.50	1316.37	.007939	6.00	1318.83	.008299	
6.50	1319.15	.008839	7.00	1320.61	.009299	
7.50	1318.84	.009569	8.00	1321.31	.009928	
8.50	1324.38	.010478	9.00	1325.42	.011038	
9.50	1324.63	.011438	10.00	1325.18	.011858	
20.00	1346.80	.019095	30.00	1367.85	.026552	
40.00	1395.89	.035318	50.00	1435.39	.047962	
60.00	1502.79	.068113	70.00	1502.79	.080000	
80.00	1502.79	.090500	90.00	1502.79	.100000	
100.00	1502.79	.112000	110.00	1502.79	.128000	
120.00	1502.79	.140000				
1.00	1600.0	.003150	2.00	1600.0	.005200	
3.00	1600.0	.006900	3.50	1601.69	.009090	
4.00	1607.52	.009869	4.50	1607.28	.010899	
5.00	1612.59	.011958	5.50	1615.17	.013008	
6.00	1619.84	.014087	6.50	1622.40	.015117	
7.00	1627.29	.016256	7.50	1630.34	.017246	
8.00	1634.65	.018365	8.50	1638.19	.019505	
9.00	1641.64	.020594	9.50	1644.45	.021884	

2
3
4
5

10.00	1651.50	.023183	20.00	1651.50	.040000
30.00	1651.50	.053000	40.00	1651.50	.067000
50.00	1651.50	.085000	60.00	1651.50	.102000
70.00	1651.50	.118000	80.00	1651.50	.136000
90.00	1651.50	.151000	100.00	1651.50	.172000
110.00	1651.50	.200000	120.00	1651.50	.225000
1.00	2400.00	.007700	2.00	2400.00	.013900
3.00	2400.00	.021000	4.00	2400.00	.054000
5.00	2400.00	.091000	10.00	2400.00	.202000
20.00	2400.00	.326000	30.00	2400.00	.390000
40.00	2400.00	.480000	50.00	2400.00	.610000
60.00	2400.00	.755000	70.00	2400.00	.900000
80.00	2400.00	1.030	90.00	2400.00	1.210
100.00	2400.00	1.520	110.00	2400.00	2.010
120.00	2400.00	2.480			

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1700 F BIAxIAL UXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	100.	.1641E-05	.1731E-04	.095	-1.105
2.	100.	.1814E-05	.2668E-04	.068	-1.073
3.	100.	.1918E-05	.3416E-04	.056	-1.060
4.	100.	.1993E-05	.4059E-04	.049	-1.052
5.	100.	.2090E-05	.4631E-04	.044	-1.046
10.	100.	.2224E-05	.6855E-04	.032	-1.034
15.	100.	.2320E-05	.8468E-04	.027	-1.028
20.	100.	.2384E-05	.9731E-04	.025	-1.025
25.	100.	.2431E-05	.1076E-03	.023	-1.023
30.	100.	.2468E-05	.1162E-03	.021	-1.022
35.	100.	.2497E-05	.1235E-03	.020	-1.021
40.	100.	.2521E-05	.1298E-03	.019	-1.020
45.	100.	.2541E-05	.1353E-03	.019	-1.019
50.	100.	.2558E-05	.1401E-03	.018	-1.019
55.	100.	.2572E-05	.1443E-03	.018	-1.018
60.	100.	.2585E-05	.1481E-03	.017	-1.018
65.	100.	.2596E-05	.1514E-03	.017	-1.017
70.	100.	.2606E-05	.1544E-03	.017	-1.017
75.	100.	.2614E-05	.1571E-03	.017	-1.017
80.	100.	.2622E-05	.1595E-03	.016	-1.017
85.	100.	.2629E-05	.1616E-03	.016	-1.017
90.	100.	.2635E-05	.1635E-03	.016	-1.016
95.	100.	.2641E-05	.1653E-03	.016	-1.016
100.	100.	.2646E-05	.1669E-03	.016	-1.016
105.	100.	.2650E-05	.1683E-03	.016	-1.016
110.	100.	.2654E-05	.1695E-03	.016	-1.016
115.	100.	.2658E-05	.1707E-03	.016	-1.016
120.	100.	.2661E-05	.1717E-03	.015	-1.016

1700 F BIAxIAL UXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	200.	.3210E-05	.1021E-03	.031	-1.032
2.	200.	.3919E-05	.1924E-03	.020	-1.021
3.	200.	.4178E-05	.2752E-03	.016	-1.016
4.	200.	.4720E-05	.3528E-03	.013	-1.014
5.	200.	.4993E-05	.4262E-03	.012	-1.012
10.	200.	.5869E-05	.7469E-03	.008	-1.008
15.	200.	.6383E-05	.1011E-02	.006	-1.006
20.	200.	.6738E-05	.1236E-02	.005	-1.005
25.	200.	.7004E-05	.1430E-02	.005	-1.005
30.	200.	.7213E-05	.1601E-02	.005	-1.005
35.	200.	.7383E-05	.1753E-02	.004	-1.004
40.	200.	.7524E-05	.1888E-02	.004	-1.004
45.	200.	.7643E-05	.2010E-02	.004	-1.004
50.	200.	.7744E-05	.2120E-02	.004	-1.004
55.	200.	.7832E-05	.2220E-02	.004	-1.004
60.	200.	.7909E-05	.2312E-02	.003	-1.003
65.	200.	.7976E-05	.2395E-02	.003	-1.003
70.	200.	.8036E-05	.2471E-02	.003	-1.003
75.	200.	.8089E-05	.2542E-02	.003	-1.003
80.	200.	.8136E-05	.2608E-02	.003	-1.003
85.	200.	.8178E-05	.2666E-02	.003	-1.003
90.	200.	.8216E-05	.2721E-02	.003	-1.003
95.	200.	.8250E-05	.2772E-02	.003	-1.003
100.	200.	.8281E-05	.2819E-02	.003	-1.003
105.	200.	.8308E-05	.2863E-02	.003	-1.003
110.	200.	.8333E-05	.2903E-02	.003	-1.003
115.	200.	.8356E-05	.2941E-02	.003	-1.003
120.	200.	.8376E-05	.2976E-02	.003	-1.003

1700 F BIAxIAL UXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	300.	.0188E-05	.2553E-03	.024	-1.025
2.	300.	.0319E-05	.5051E-03	.016	-1.017
3.	300.	.0905E-05	.7385E-03	.013	-1.013
4.	300.	.1096E-04	.9589E-03	.011	-1.012
5.	300.	.1192E-04	.1169E-02	.010	-1.010
10.	300.	.1515E-04	.2096E-02	.007	-1.007
15.	300.	.1715E-04	.2875E-02	.006	-1.006
20.	300.	.1859E-04	.3555E-02	.005	-1.005
25.	300.	.1969E-04	.4156E-02	.005	-1.005
30.	300.	.2057E-04	.4690E-02	.004	-1.004
35.	300.	.2129E-04	.5186E-02	.004	-1.004
40.	300.	.2189E-04	.5634E-02	.004	-1.004
45.	300.	.2241E-04	.6046E-02	.004	-1.004
50.	300.	.2285E-04	.6427E-02	.004	-1.004
55.	300.	.2323E-04	.6781E-02	.003	-1.003
60.	300.	.2357E-04	.7111E-02	.003	-1.003
65.	300.	.2387E-04	.7420E-02	.003	-1.003
70.	300.	.2413E-04	.7710E-02	.003	-1.003
75.	300.	.2437E-04	.7983E-02	.003	-1.003
80.	300.	.2458E-04	.8239E-02	.003	-1.003
85.	300.	.2477E-04	.8482E-02	.003	-1.003
90.	300.	.2494E-04	.8712E-02	.003	-1.003
95.	300.	.2509E-04	.8929E-02	.003	-1.003
100.	300.	.2523E-04	.9136E-02	.003	-1.003
105.	300.	.2535E-04	.9332E-02	.003	-1.003
110.	300.	.2547E-04	.9519E-02	.003	-1.003
115.	300.	.2557E-04	.9697E-02	.003	-1.003
120.	300.	.2566E-04	.9866E-02	.003	-1.003

1700 F BIAxIAL UXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	400.	.1167E-04	.4051E-03	.029	-1.030
2.	400.	.1723E-04	.7826E-03	.022	-1.023
3.	400.	.2138E-04	.1122E-02	.019	-1.019
4.	400.	.2476E-04	.1432E-02	.017	-1.018
5.	400.	.2764E-04	.1721E-02	.016	-1.016
10.	400.	.3787E-04	.2952E-02	.013	-1.013
15.	400.	.4459E-04	.3962E-02	.011	-1.011
20.	400.	.4956E-04	.4837E-02	.010	-1.010
25.	400.	.5344E-04	.5618E-02	.010	-1.010
30.	400.	.5659E-04	.6328E-02	.009	-1.009
35.	400.	.5921E-04	.6982E-02	.008	-1.008
40.	400.	.6142E-04	.7590E-02	.008	-1.008
45.	400.	.6332E-04	.8160E-02	.008	-1.008
50.	400.	.6497E-04	.8697E-02	.007	-1.008
55.	400.	.6641E-04	.9206E-02	.007	-1.007
60.	400.	.6768E-04	.9690E-02	.007	-1.007
65.	400.	.6880E-04	.1015E-01	.007	-1.007
70.	400.	.6980E-04	.1060E-01	.007	-1.007
75.	400.	.7070E-04	.1102E-01	.006	-1.006
80.	400.	.7150E-04	.1143E-01	.006	-1.006
85.	400.	.7222E-04	.1182E-01	.006	-1.006
90.	400.	.7287E-04	.1220E-01	.006	-1.006
95.	400.	.7345E-04	.1257E-01	.006	-1.006
100.	400.	.7398E-04	.1293E-01	.006	-1.006
105.	400.	.7446E-04	.1326E-01	.006	-1.006
110.	400.	.7490E-04	.1361E-01	.006	-1.006
115.	400.	.7529E-04	.1394E-01	.005	-1.005
120.	400.	.7564E-04	.1426E-01	.005	-1.005

1700 F BIAIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	500.	.2141E-04		.5711E-03	.037	-1.039
2.	500.	.3454E-04		.1072E-02	.032	-1.033
3.	500.	.4503E-04		.1501E-02	.030	-1.031
4.	500.	.5392E-04		.1882E-02	.029	-1.029
5.	500.	.6170E-04		.2228E-02	.028	-1.028
10.	500.	.9083E-04		.3640E-02	.025	-1.026
15.	500.	.1110E-03		.4776E-02	.023	-1.024
20.	500.	.1264E-03		.5754E-02	.022	-1.022
25.	500.	.1386E-03		.6634E-02	.021	-1.021
30.	500.	.1487E-03		.7443E-02	.020	-1.020
35.	500.	.1572E-03		.8199E-02	.019	-1.020
40.	500.	.1644E-03		.8915E-02	.018	-1.019
45.	500.	.1707E-03		.9596E-02	.018	-1.018
50.	500.	.1761E-03		.1025E-01	.017	-1.017
55.	500.	.1809E-03		.1088E-01	.017	-1.017
60.	500.	.1852E-03		.1149E-01	.016	-1.016
65.	500.	.1890E-03		.1208E-01	.016	-1.016
70.	500.	.1923E-03		.1266E-01	.015	-1.015
75.	500.	.1953E-03		.1322E-01	.015	-1.015
80.	500.	.1981E-03		.1377E-01	.014	-1.015
85.	500.	.2005E-03		.1431E-01	.014	-1.014
90.	500.	.2027E-03		.1484E-01	.014	-1.014
95.	500.	.2047E-03		.1537E-01	.013	-1.014
100.	500.	.2065E-03		.1588E-01	.013	-1.013
105.	500.	.2082E-03		.1639E-01	.013	-1.013
110.	500.	.2096E-03		.1688E-01	.012	-1.013
115.	500.	.2110E-03		.1738E-01	.012	-1.012
120.	500.	.2122E-03		.1786E-01	.012	-1.012

1700 F BIAIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	600.	.3793E-04		.7679E-03	.049	-1.052
2.	600.	.6651E-04		.1409E-02	.047	-1.050
3.	600.	.9082E-04		.1939E-02	.047	-1.049
4.	600.	.1122E-03		.2397E-02	.047	-1.049
5.	600.	.1315E-03		.2804E-02	.047	-1.049
10.	600.	.2070E-03		.4418E-02	.047	-1.049
15.	600.	.2620E-03		.5683E-02	.046	-1.048
20.	600.	.3050E-03		.6780E-02	.045	-1.047
25.	600.	.3400E-03		.7775E-02	.044	-1.046
30.	600.	.3692E-03		.8704E-02	.042	-1.044
35.	600.	.3940E-03		.9585E-02	.041	-1.043
40.	600.	.4154E-03		.1043E-01	.040	-1.041
45.	600.	.4340E-03		.1125E-01	.039	-1.040
50.	600.	.4503E-03		.1204E-01	.037	-1.039
55.	600.	.4647E-03		.1282E-01	.036	-1.038
60.	600.	.4775E-03		.1359E-01	.035	-1.036
65.	600.	.4890E-03		.1434E-01	.034	-1.035
70.	600.	.4992E-03		.1509E-01	.033	-1.034
75.	600.	.5084E-03		.1581E-01	.032	-1.033
80.	600.	.5167E-03		.1656E-01	.031	-1.032
85.	600.	.5247E-03		.1728E-01	.030	-1.031
90.	600.	.5309E-03		.1800E-01	.029	-1.030
95.	600.	.5370E-03		.1872E-01	.029	-1.030
100.	600.	.5426E-03		.1943E-01	.028	-1.029
105.	600.	.5476E-03		.2014E-01	.027	-1.028
110.	600.	.5522E-03		.2085E-01	.026	-1.027
115.	600.	.5564E-03		.2156E-01	.026	-1.026
120.	600.	.5601E-03		.2227E-01	.025	-1.026

1700 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	700.	.0446E-04		.9887E-03	.065	-1.070
2.	700.	.1221E-03		.1787E-02	.068	-1.073
3.	700.	.1740E-03		.2428E-02	.072	-1.077
4.	700.	.2214E-03		.2969E-02	.075	-1.081
5.	700.	.2650E-03		.3442E-02	.077	-1.083
10.	700.	.4441E-03		.5273E-02	.084	-1.092
15.	700.	.5804E-03		.6692E-02	.087	-1.095
20.	700.	.6498E-03		.7928E-02	.087	-1.095
25.	700.	.7404E-03		.9064E-02	.086	-1.094
30.	700.	.8570E-03		.1014E-01	.085	-1.092
35.	700.	.9227E-03		.1117E-01	.083	-1.090
40.	700.	.9794E-03		.1218E-01	.080	-1.088
45.	700.	.1030E-02		.1316E-01	.078	-1.085
50.	700.	.1074E-02		.1413E-01	.076	-1.082
55.	700.	.1113E-02		.1510E-01	.074	-1.080
60.	700.	.1148E-02		.1605E-01	.072	-1.077
65.	700.	.1179E-02		.1701E-01	.069	-1.074
70.	700.	.1207E-02		.1796E-01	.067	-1.072
75.	700.	.1232E-02		.1892E-01	.065	-1.070
80.	700.	.1255E-02		.1987E-01	.063	-1.067
85.	700.	.1276E-02		.2083E-01	.061	-1.065
90.	700.	.1295E-02		.2179E-01	.059	-1.063
95.	700.	.1312E-02		.2275E-01	.058	-1.061
100.	700.	.1327E-02		.2372E-01	.056	-1.059
105.	700.	.1341E-02		.2470E-01	.054	-1.057
110.	700.	.1354E-02		.2568E-01	.053	-1.056
115.	700.	.1365E-02		.2666E-01	.051	-1.054
120.	700.	.1376E-02		.2766E-01	.050	-1.052

1700 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	800.	.1043E-03		.1224E-02	.085	-1.093
2.	800.	.2121E-03		.2195E-02	.097	-1.107
3.	800.	.3142E-03		.2957E-02	.106	-1.119
4.	800.	.4103E-03		.3591E-02	.114	-1.129
5.	800.	.5010E-03		.4137E-02	.121	-1.138
10.	800.	.8860E-03		.6213E-02	.143	-1.167
15.	800.	.1195E-02		.7814E-02	.153	-1.180
20.	800.	.1447E-02		.9221E-02	.157	-1.186
25.	800.	.1659E-02		.1053E-01	.158	-1.187
30.	800.	.1840E-02		.1178E-01	.156	-1.185
35.	800.	.1998E-02		.1300E-01	.154	-1.182
40.	800.	.2135E-02		.1420E-01	.150	-1.177
45.	800.	.2256E-02		.1539E-01	.147	-1.172
50.	800.	.2363E-02		.1658E-01	.142	-1.166
55.	800.	.2459E-02		.1777E-01	.138	-1.161
60.	800.	.2544E-02		.1897E-01	.134	-1.155
65.	800.	.2621E-02		.2017E-01	.130	-1.149
70.	800.	.2690E-02		.2138E-01	.126	-1.144
75.	800.	.2752E-02		.2261E-01	.122	-1.139
80.	800.	.2809E-02		.2384E-01	.118	-1.134
85.	800.	.2860E-02		.2509E-01	.114	-1.129
90.	800.	.2906E-02		.2635E-01	.110	-1.124
95.	800.	.2949E-02		.2763E-01	.107	-1.119
100.	800.	.2987E-02		.2892E-01	.103	-1.115
105.	800.	.3022E-02		.3023E-01	.100	-1.111
110.	800.	.3053E-02		.3156E-01	.097	-1.107
115.	800.	.3082E-02		.3290E-01	.094	-1.103
120.	800.	.3108E-02		.3426E-01	.091	-1.100

1700 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	900.	.1600E-03		.1464E-02	.109	-1.123
2.	900.	.3458E-03		.2620E-02	.132	-1.152
3.	900.	.5300E-03		.3515E-02	.151	-1.178
4.	900.	.7085E-03		.4252E-02	.167	-1.200
5.	900.	.8802E-03		.4882E-02	.180	-1.220
10.	900.	.1639E-02		.7248E-02	.226	-1.292
15.	900.	.2263E-02		.9072E-02	.249	-1.332
20.	900.	.2786E-02		.1069E-01	.261	-1.353
25.	900.	.3233E-02		.1221E-01	.265	-1.360
30.	900.	.3618E-02		.1369E-01	.264	-1.359
35.	900.	.3955E-02		.1514E-01	.261	-1.354
40.	900.	.4251E-02		.1658E-01	.256	-1.345
45.	900.	.4513E-02		.1803E-01	.250	-1.334
50.	900.	.4748E-02		.1944E-01	.244	-1.322
55.	900.	.4955E-02		.2096E-01	.236	-1.310
60.	900.	.5142E-02		.2245E-01	.229	-1.297
65.	900.	.5311E-02		.2396E-01	.222	-1.285
70.	900.	.5463E-02		.2549E-01	.214	-1.273
75.	900.	.5600E-02		.2705E-01	.207	-1.261
80.	900.	.5725E-02		.2863E-01	.200	-1.250
85.	900.	.5838E-02		.3025E-01	.193	-1.239
90.	900.	.5941E-02		.3189E-01	.186	-1.229
95.	900.	.6035E-02		.3356E-01	.180	-1.219
100.	900.	.6120E-02		.3526E-01	.174	-1.210
105.	900.	.6197E-02		.3699E-01	.168	-1.201
110.	900.	.6267E-02		.3875E-01	.162	-1.193
115.	900.	.6332E-02		.4055E-01	.156	-1.185
120.	900.	.6390E-02		.4238E-01	.151	-1.178

1700 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1000.	.2306E-03		.1698E-02	.136	-1.157
2.	1000.	.5252E-03		.3050E-02	.172	-1.208
3.	1000.	.8289E-03		.4095E-02	.202	-1.254
4.	1000.	.1130E-02		.4949E-02	.228	-1.296
5.	1000.	.1425E-02		.5675E-02	.251	-1.335
10.	1000.	.2768E-02		.8392E-02	.330	-1.492
15.	1000.	.3905E-02		.1049E-01	.372	-1.593
20.	1000.	.4876E-02		.1238E-01	.394	-1.650
25.	1000.	.5713E-02		.1417E-01	.403	-1.676
30.	1000.	.6443E-02		.1592E-01	.405	-1.680
35.	1000.	.7084E-02		.1766E-01	.401	-1.670
40.	1000.	.7651E-02		.1941E-01	.394	-1.651
45.	1000.	.8156E-02		.2117E-01	.385	-1.626
50.	1000.	.8606E-02		.2296E-01	.375	-1.599
55.	1000.	.9010E-02		.2479E-01	.364	-1.571
60.	1000.	.9374E-02		.2664E-01	.352	-1.543
65.	1000.	.9702E-02		.2853E-01	.340	-1.515
70.	1000.	.9990E-02		.3047E-01	.328	-1.488
75.	1000.	.1027E-01		.3244E-01	.316	-1.463
80.	1000.	.1051E-01		.3447E-01	.305	-1.439
85.	1000.	.1073E-01		.3653E-01	.294	-1.416
90.	1000.	.1093E-01		.3865E-01	.283	-1.395
95.	1000.	.1112E-01		.4081E-01	.272	-1.374
100.	1000.	.1129E-01		.4303E-01	.262	-1.356
105.	1000.	.1144E-01		.4529E-01	.253	-1.338
110.	1000.	.1158E-01		.4761E-01	.243	-1.321
115.	1000.	.1170E-01		.4998E-01	.234	-1.306
120.	1000.	.1182E-01		.5240E-01	.225	-1.291

1700 F BIAXIAL UXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1100.	.3104E-03		.1918E-02	.162	-1.193
2.	1100.	.7377E-03		.3479E-02	.212	-1.269
3.	1100.	.1192E-02		.4689E-02	.254	-1.341
4.	1100.	.1651E-02		.5679E-02	.291	-1.410
5.	1100.	.2106E-02		.6520E-02	.323	-1.477
10.	1100.	.4233E-02		.9670E-02	.438	-1.778
15.	1100.	.6077E-02		.1213E-01	.501	-2.005
20.	1100.	.7673E-02		.1435E-01	.535	-2.150
25.	1100.	.9064E-02		.1646E-01	.550	-2.223
30.	1100.	.1028E-01		.1658E-01	.554	-2.240
35.	1100.	.1136E-01		.2068E-01	.549	-2.219
40.	1100.	.1232E-01		.2281E-01	.540	-2.174
45.	1100.	.1317E-01		.2497E-01	.527	-2.116
50.	1100.	.1394E-01		.2718E-01	.513	-2.052
55.	1100.	.1462E-01		.2944E-01	.497	-1.987
60.	1100.	.1524E-01		.3175E-01	.480	-1.924
65.	1100.	.1581E-01		.3412E-01	.463	-1.863
70.	1100.	.1631E-01		.3656E-01	.446	-1.806
75.	1100.	.1677E-01		.3906E-01	.429	-1.753
80.	1100.	.1719E-01		.4163E-01	.413	-1.704
85.	1100.	.1757E-01		.4426E-01	.397	-1.658
90.	1100.	.1792E-01		.4697E-01	.381	-1.617
95.	1100.	.1823E-01		.4976E-01	.366	-1.578
100.	1100.	.1852E-01		.5262E-01	.352	-1.543
105.	1100.	.1878E-01		.5555E-01	.338	-1.511
110.	1100.	.1902E-01		.5857E-01	.325	-1.481
115.	1100.	.1924E-01		.6166E-01	.312	-1.453
120.	1100.	.1944E-01		.6484E-01	.300	-1.428

1700 F BIAXIAL UXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1200.	.3876E-03		.2119E-02	.183	-1.224
2.	1200.	.9505E-03		.3902E-02	.244	-1.322
3.	1200.	.1563E-02		.5299E-02	.295	-1.418
4.	1200.	.2190E-02		.6449E-02	.340	-1.514
5.	1200.	.2819E-02		.7429E-02	.379	-1.611
10.	1200.	.5807E-02		.1112E-01	.522	-2.093
15.	1200.	.8444E-02		.1403E-01	.602	-2.512
20.	1200.	.1075E-01		.1666E-01	.645	-2.813
25.	1200.	.1277E-01		.1924E-01	.664	-2.974
30.	1200.	.1456E-01		.2179E-01	.668	-3.013
35.	1200.	.1614E-01		.2435E-01	.663	-2.964
40.	1200.	.1755E-01		.2696E-01	.651	-2.864
45.	1200.	.1881E-01		.2963E-01	.635	-2.738
50.	1200.	.1994E-01		.3236E-01	.616	-2.605
55.	1200.	.2096E-01		.3517E-01	.596	-2.475
60.	1200.	.2188E-01		.3805E-01	.575	-2.352
65.	1200.	.2271E-01		.4103E-01	.553	-2.240
70.	1200.	.2346E-01		.4409E-01	.532	-2.137
75.	1200.	.2415E-01		.4725E-01	.511	-2.046
80.	1200.	.2477E-01		.5051E-01	.490	-1.962
85.	1200.	.2534E-01		.5386E-01	.470	-1.888
90.	1200.	.2585E-01		.5732E-01	.451	-1.822
95.	1200.	.2632E-01		.6086E-01	.432	-1.762
100.	1200.	.2675E-01		.6456E-01	.414	-1.708
105.	1200.	.2714E-01		.6834E-01	.397	-1.654
110.	1200.	.2750E-01		.7224E-01	.381	-1.615
115.	1200.	.2782E-01		.7625E-01	.365	-1.575
120.	1200.	.2812E-01		.8038E-01	.350	-1.538

1700 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1300.	.4460E-03		.2298E-02	.194	-1.241
2.	1300.	.1115E-02		.4319E-02	.258	-1.348
3.	1300.	.1851E-02		.5912E-02	.312	-1.454
4.	1300.	.2618E-02		.7271E-02	.360	-1.562
5.	1300.	.3383E-02		.8470E-02	.402	-1.672
10.	1300.	.7078E-02		.1280E-01	.553	-2.238
15.	1300.	.1037E-01		.1628E-01	.637	-2.755
20.	1300.	.1327E-01		.1949E-01	.681	-3.134
25.	1300.	.1583E-01		.2261E-01	.700	-3.332
30.	1300.	.1808E-01		.2573E-01	.703	-3.366
35.	1300.	.2009E-01		.2888E-01	.696	-3.285
40.	1300.	.2188E-01		.3210E-01	.682	-3.140
45.	1300.	.2348E-01		.3540E-01	.663	-2.970
50.	1300.	.2492E-01		.3880E-01	.642	-2.796
55.	1300.	.2622E-01		.4231E-01	.620	-2.630
60.	1300.	.2740E-01		.4593E-01	.597	-2.479
65.	1300.	.2846E-01		.4966E-01	.573	-2.342
70.	1300.	.2942E-01		.5352E-01	.550	-2.221
75.	1300.	.3030E-01		.5752E-01	.527	-2.113
80.	1300.	.3110E-01		.6164E-01	.504	-2.018
85.	1300.	.3182E-01		.6590E-01	.483	-1.934
90.	1300.	.3248E-01		.7031E-01	.462	-1.859
95.	1300.	.3308E-01		.7486E-01	.442	-1.792
100.	1300.	.3363E-01		.7956E-01	.423	-1.732
105.	1300.	.3413E-01		.8441E-01	.404	-1.679
110.	1300.	.3459E-01		.8942E-01	.387	-1.631
115.	1300.	.3500E-01		.9459E-01	.370	-1.587
120.	1300.	.3538E-01		.9992E-01	.354	-1.548

1700 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1400.	.4699E-03		.2458E-02	.191	-1.236
2.	1400.	.1182E-02		.4718E-02	.250	-1.332
3.	1400.	.1971E-02		.6599E-02	.299	-1.426
4.	1400.	.2788E-02		.8168E-02	.341	-1.518
5.	1400.	.3614E-02		.9525E-02	.379	-1.611
10.	1400.	.7593E-02		.1477E-01	.514	-2.058
15.	1400.	.1115E-01		.1902E-01	.587	-2.419
20.	1400.	.1429E-01		.2295E-01	.623	-2.651
25.	1400.	.1708E-01		.2679E-01	.637	-2.753
30.	1400.	.1951E-01		.3064E-01	.637	-2.752
35.	1400.	.2168E-01		.3455E-01	.627	-2.685
40.	1400.	.2362E-01		.3856E-01	.613	-2.582
45.	1400.	.2537E-01		.4269E-01	.594	-2.464
50.	1400.	.2693E-01		.4694E-01	.574	-2.346
55.	1400.	.2834E-01		.5134E-01	.552	-2.232
60.	1400.	.2962E-01		.5589E-01	.530	-2.127
65.	1400.	.3077E-01		.6060E-01	.508	-2.032
70.	1400.	.3182E-01		.6548E-01	.486	-1.945
75.	1400.	.3277E-01		.7053E-01	.465	-1.868
80.	1400.	.3363E-01		.7576E-01	.444	-1.798
85.	1400.	.3442E-01		.8118E-01	.424	-1.736
90.	1400.	.3514E-01		.8678E-01	.405	-1.680
95.	1400.	.3579E-01		.9259E-01	.387	-1.630
100.	1400.	.3639E-01		.9839E-01	.369	-1.585
105.	1400.	.3693E-01		.1048E+00	.352	-1.544
110.	1400.	.3743E-01		.1112E+00	.337	-1.507
115.	1400.	.3788E-01		.1179E+00	.321	-1.474
120.	1400.	.3829E-01		.1247E+00	.307	-1.443

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1500.	.4501E+03		.2604E-02	.173	-1.209
2.	1500.	.1124E-02		.5170E-02	.217	-1.278
3.	1500.	.1865E-02		.7325E-02	.255	-1.342
4.	1500.	.2631E-02		.9172E-02	.287	-1.402
5.	1500.	.3402E-02		.1074E-01	.315	-1.461
10.	1500.	.7101E-02		.1718E-01	.414	-1.706
15.	1500.	.1039E-01		.2239E-01	.464	-1.867
20.	1500.	.1329E-01		.2727E-01	.487	-1.950
25.	1500.	.1583E-01		.3205E-01	.494	-1.976
30.	1500.	.1808E-01		.3687E-01	.490	-1.962
35.	1500.	.2007E-01		.4177E-01	.481	-1.925
40.	1500.	.2185E-01		.4681E-01	.467	-1.876
45.	1500.	.2345E-01		.5200E-01	.451	-1.821
50.	1500.	.2488E-01		.5736E-01	.434	-1.766
55.	1500.	.2617E-01		.6292E-01	.416	-1.712
60.	1500.	.2733E-01		.6867E-01	.398	-1.661
65.	1500.	.2839E-01		.7464E-01	.380	-1.614
70.	1500.	.2934E-01		.8082E-01	.363	-1.570
75.	1500.	.3021E-01		.8724E-01	.346	-1.530
80.	1500.	.3100E-01		.9389E-01	.330	-1.493
85.	1500.	.3172E-01		.1008E+00	.315	-1.459
90.	1500.	.3237E-01		.1079E+00	.300	-1.428
95.	1500.	.3296E-01		.1153E+00	.286	-1.400
100.	1500.	.3351E-01		.1230E+00	.272	-1.374
105.	1500.	.3400E-01		.1309E+00	.260	-1.351
110.	1500.	.3445E-01		.1391E+00	.248	-1.329
115.	1500.	.3486E-01		.1476E+00	.236	-1.309
120.	1500.	.3523E-01		.1564E+00	.225	-1.291

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1600.	.3894E+03		.2743E-02	.142	-1.165
2.	1600.	.9505E-03		.5633E-02	.169	-1.203
3.	1600.	.1558E-02		.8141E-02	.191	-1.237
4.	1600.	.2178E-02		.1033E-01	.211	-1.267
5.	1600.	.2798E-02		.1228E-01	.228	-1.295
10.	1600.	.5733E-02		.2010E-01	.285	-1.399
15.	1600.	.8709E-02		.2664E-01	.312	-1.453
20.	1600.	.1055E-01		.3277E-01	.322	-1.475
25.	1600.	.1252E-01		.3882E-01	.322	-1.476
30.	1600.	.1424E-01		.4491E-01	.317	-1.465
35.	1600.	.1577E-01		.5113E-01	.309	-1.446
40.	1600.	.1713E-01		.5751E-01	.298	-1.424
45.	1600.	.1835E-01		.6410E-01	.286	-1.401
50.	1600.	.1944E-01		.7092E-01	.274	-1.378
55.	1600.	.2042E-01		.7799E-01	.262	-1.359
60.	1600.	.2130E-01		.8531E-01	.250	-1.333
65.	1600.	.2210E-01		.9291E-01	.238	-1.312
70.	1600.	.2282E-01		.1008E+00	.226	-1.293
75.	1600.	.2348E-01		.1090E+00	.215	-1.275
80.	1600.	.2407E-01		.1175E+00	.205	-1.258
85.	1600.	.2462E-01		.1263E+00	.195	-1.242
90.	1600.	.2511E-01		.1354E+00	.185	-1.226
95.	1600.	.2556E-01		.1448E+00	.176	-1.214
100.	1600.	.2597E-01		.1546E+00	.168	-1.202
105.	1600.	.2634E-01		.1648E+00	.160	-1.190
110.	1600.	.2668E-01		.1753E+00	.152	-1.179
115.	1600.	.2698E-01		.1862E+00	.145	-1.169
120.	1600.	.2726E-01		.1974E+00	.138	-1.160

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1700.	.3023E-03		.2885E-02	.105	-1.117
2.	1700.	.7049E-03		.6154E-02	.115	-1.130
3.	1700.	.1139E-02		.9091E-02	.125	-1.143
4.	1700.	.1509E-02		.1171E-01	.134	-1.155
5.	1700.	.1094E-02		.1406E-01	.142	-1.165
10.	1700.	.3958E-02		.2382E-01	.166	-1.199
15.	1700.	.5602E-02		.3210E-01	.176	-1.213
20.	1700.	.7091E-02		.3993E-01	.178	-1.216
25.	1700.	.8346E-02		.4757E-01	.175	-1.212
30.	1700.	.9443E-02		.5547E-01	.170	-1.209
35.	1700.	.1041E-01		.6344E-01	.164	-1.196
40.	1700.	.1126E-01		.7164E-01	.157	-1.187
45.	1700.	.1202E-01		.8009E-01	.150	-1.177
50.	1700.	.1271E-01		.8884E-01	.143	-1.167
55.	1700.	.1332E-01		.9791E-01	.136	-1.157
60.	1700.	.1386E-01		.1073E+00	.129	-1.146
65.	1700.	.1436E-01		.1171E+00	.123	-1.140
70.	1700.	.1481E-01		.1272E+00	.116	-1.132
75.	1700.	.1521E-01		.1377E+00	.111	-1.124
80.	1700.	.1558E-01		.1485E+00	.105	-1.117
85.	1700.	.1592E-01		.1598E+00	.100	-1.111
90.	1700.	.1622E-01		.1715E+00	.095	-1.104
95.	1700.	.1649E-01		.1836E+00	.090	-1.099
100.	1700.	.1675E-01		.1962E+00	.085	-1.093
105.	1700.	.1697E-01		.2092E+00	.081	-1.088
110.	1700.	.1718E-01		.2227E+00	.077	-1.084
115.	1700.	.1737E-01		.2366E+00	.073	-1.079
120.	1700.	.1754E-01		.2510E+00	.070	-1.075

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1800.	.2091E-03		.3043E-02	.069	-1.074
2.	1800.	.4646E-03		.6766E-02	.069	-1.074
3.	1800.	.7227E-03		.1024E-01	.071	-1.076
4.	1800.	.9752E-03		.1342E-01	.073	-1.078
5.	1800.	.1220E-02		.1633E-01	.075	-1.081
10.	1800.	.2314E-02		.2863E-01	.081	-1.088
15.	1800.	.3222E-02		.3929E-01	.082	-1.089
20.	1800.	.3988E-02		.4943E-01	.081	-1.088
25.	1800.	.4644E-02		.5947E-01	.078	-1.085
30.	1800.	.5211E-02		.6961E-01	.075	-1.081
35.	1800.	.5706E-02		.7996E-01	.071	-1.077
40.	1800.	.6142E-02		.9060E-01	.068	-1.073
45.	1800.	.6528E-02		.1016E+00	.064	-1.069
50.	1800.	.6872E-02		.1129E+00	.061	-1.065
55.	1800.	.7179E-02		.1247E+00	.058	-1.061
60.	1800.	.7455E-02		.1368E+00	.054	-1.058
65.	1800.	.7703E-02		.1494E+00	.052	-1.054
70.	1800.	.7926E-02		.1625E+00	.049	-1.051
75.	1800.	.8128E-02		.1761E+00	.046	-1.048
80.	1800.	.8311E-02		.1901E+00	.044	-1.046
85.	1800.	.8477E-02		.2046E+00	.041	-1.043
90.	1800.	.8627E-02		.2197E+00	.039	-1.041
95.	1800.	.8764E-02		.2353E+00	.037	-1.039
100.	1800.	.8884E-02		.2514E+00	.035	-1.037
105.	1800.	.9000E-02		.2681E+00	.034	-1.035
110.	1800.	.9103E-02		.2854E+00	.032	-1.033
115.	1800.	.9195E-02		.3033E+00	.030	-1.031
120.	1800.	.9280E-02		.3217E+00	.029	-1.030

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1900.	.1281E-03		.3232E-02	.040	-1.041
2.	1900.	.2644E-03		.7514E-02	.035	-1.036
3.	1900.	.3949E-03		.1167E-01	.034	-1.035
4.	1900.	.5183E-03		.1557E-01	.033	-1.034
5.	1900.	.6350E-03		.1921E-01	.033	-1.034
10.	1900.	.1135E-02		.3499E-01	.032	-1.034
15.	1900.	.1532E-02		.4693E-01	.031	-1.032
20.	1900.	.1859E-02		.6228E-01	.030	-1.031
25.	1900.	.2134E-02		.7553E-01	.028	-1.029
30.	1900.	.2368E-02		.8690E-01	.027	-1.027
35.	1900.	.2571E-02		.1025E+00	.025	-1.026
40.	1900.	.2748E-02		.1165E+00	.024	-1.024
45.	1900.	.2904E-02		.1310E+00	.022	-1.023
50.	1900.	.3042E-02		.1458E+00	.021	-1.021
55.	1900.	.3165E-02		.1612E+00	.020	-1.020
60.	1900.	.3275E-02		.1771E+00	.018	-1.019
65.	1900.	.3373E-02		.1936E+00	.017	-1.018
70.	1900.	.3462E-02		.2106E+00	.016	-1.017
75.	1900.	.3541E-02		.2282E+00	.016	-1.016
80.	1900.	.3613E-02		.2465E+00	.015	-1.015
85.	1900.	.3678E-02		.2653E+00	.014	-1.014
90.	1900.	.3737E-02		.2848E+00	.013	-1.013
95.	1900.	.3790E-02		.3050E+00	.012	-1.013
100.	1900.	.3839E-02		.3259E+00	.012	-1.012
105.	1900.	.3883E-02		.3474E+00	.011	-1.011
110.	1900.	.3922E-02		.3696E+00	.011	-1.011
115.	1900.	.3958E-02		.3926E+00	.010	-1.010
120.	1900.	.3991E-02		.4163E+00	.010	-1.010

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2000.	.0896E-01		.3071E-02	.020	-1.020
2.	2000.	.1299E-03		.8464E-02	.015	-1.016
3.	2000.	.1843E-03		.1352E-01	.014	-1.014
4.	2000.	.2336E-03		.1838E-01	.013	-1.013
5.	2000.	.2789E-03		.2300E-01	.012	-1.012
10.	2000.	.4625E-03		.4360E-01	.011	-1.011
15.	2000.	.6007E-03		.6218E-01	.010	-1.010
20.	2000.	.7107E-03		.8006E-01	.009	-1.009
25.	2000.	.8012E-03		.9783E-01	.008	-1.008
30.	2000.	.8773E-03		.1157E+00	.008	-1.008
35.	2000.	.9423E-03		.1340E+00	.007	-1.007
40.	2000.	.9985E-03		.1527E+00	.007	-1.007
45.	2000.	.1048E-02		.1719E+00	.006	-1.006
50.	2000.	.1091E-02		.1917E+00	.006	-1.006
55.	2000.	.1129E-02		.2120E+00	.005	-1.005
60.	2000.	.1163E-02		.2331E+00	.005	-1.005
65.	2000.	.1193E-02		.2548E+00	.005	-1.005
70.	2000.	.1220E-02		.2777E+00	.004	-1.004
75.	2000.	.1244E-02		.3003E+00	.004	-1.004
80.	2000.	.1266E-02		.3242E+00	.004	-1.004
85.	2000.	.1286E-02		.3489E+00	.004	-1.004
90.	2000.	.1304E-02		.3743E+00	.003	-1.003
95.	2000.	.1320E-02		.4005E+00	.003	-1.003
100.	2000.	.1334E-02		.4276E+00	.003	-1.003
105.	2000.	.1347E-02		.4554E+00	.003	-1.003
110.	2000.	.1359E-02		.4842E+00	.003	-1.003
115.	2000.	.1370E-02		.5138E+00	.003	-1.003
120.	2000.	.1380E-02		.5443E+00	.003	-1.003

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2100.	.3744E-04		.3785E-02	.009	-1.009
2.	2100.	.5464E-04		.9708E-02	.006	-1.006
3.	2100.	.7285E-04		.1596E-01	.005	-1.005
4.	2100.	.8853E-04		.2214E-01	.004	-1.004
5.	2100.	.1024E-03		.2612E-01	.004	-1.004
10.	2100.	.1551E-03		.5555E-01	.003	-1.003
15.	2100.	.1922E-03		.8078E-01	.002	-1.002
20.	2100.	.2206E-03		.1052E+00	.002	-1.002
25.	2100.	.2433E-03		.1295E+00	.002	-1.002
30.	2100.	.2621E-03		.1539E+00	.002	-1.002
35.	2100.	.2779E-03		.1788E+00	.002	-1.002
40.	2100.	.2913E-03		.2041E+00	.001	-1.001
45.	2100.	.3030E-03		.2301E+00	.001	-1.001
50.	2100.	.3131E-03		.2567E+00	.001	-1.001
55.	2100.	.3220E-03		.2841E+00	.001	-1.001
60.	2100.	.3299E-03		.3122E+00	.001	-1.001
65.	2100.	.3369E-03		.3412E+00	.001	-1.001
70.	2100.	.3431E-03		.3710E+00	.001	-1.001
75.	2100.	.3487E-03		.4016E+00	.001	-1.001
80.	2100.	.3536E-03		.4332E+00	.001	-1.001
85.	2100.	.3581E-03		.4656E+00	.001	-1.001
90.	2100.	.3621E-03		.4990E+00	.001	-1.001
95.	2100.	.3658E-03		.5333E+00	.001	-1.001
100.	2100.	.3690E-03		.5686E+00	.001	-1.001
105.	2100.	.3720E-03		.6049E+00	.001	-1.001
110.	2100.	.3747E-03		.6422E+00	.001	-1.001
115.	2100.	.3771E-03		.6806E+00	.001	-1.001
120.	2100.	.3792E-03		.7199E+00	.001	-1.001

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2200.	.1324E-04		.4208E-02	.003	-1.003
2.	2200.	.1953E-04		.1138E-01	.002	-1.002
3.	2200.	.2420E-04		.1929E-01	.001	-1.001
4.	2200.	.2797E-04		.2731E-01	.001	-1.001
5.	2200.	.3116E-04		.3521E-01	.001	-1.001
10.	2200.	.4240E-04		.7254E-01	.001	-1.001
15.	2200.	.4969E-04		.1076E+00	.000	-1.000
20.	2200.	.5502E-04		.1417E+00	.000	-1.000
25.	2200.	.5915E-04		.1755E+00	.000	-1.000
30.	2200.	.6248E-04		.2095E+00	.000	-1.000
35.	2200.	.6523E-04		.2439E+00	.000	-1.000
40.	2200.	.6755E-04		.2788E+00	.000	-1.000
45.	2200.	.6952E-04		.3145E+00	.000	-1.000
50.	2200.	.7122E-04		.3509E+00	.000	-1.000
55.	2200.	.7271E-04		.3882E+00	.000	-1.000
60.	2200.	.7400E-04		.4263E+00	.000	-1.000
65.	2200.	.7515E-04		.4654E+00	.000	-1.000
70.	2200.	.7616E-04		.5054E+00	.000	-1.000
75.	2200.	.7706E-04		.5464E+00	.000	-1.000
80.	2200.	.7787E-04		.5885E+00	.000	-1.000
85.	2200.	.7858E-04		.6316E+00	.000	-1.000
90.	2200.	.7923E-04		.6758E+00	.000	-1.000
95.	2200.	.7981E-04		.7211E+00	.000	-1.000
100.	2200.	.8032E-04		.7674E+00	.000	-1.000
105.	2200.	.8079E-04		.8149E+00	.000	-1.000
110.	2200.	.8121E-04		.8636E+00	.000	-1.000
115.	2200.	.8159E-04		.9134E+00	.000	-1.000
120.	2200.	.8193E-04		.9644E+00	.000	-1.000

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2300.	.4458E+05		.4791E-02	.001	-1.001
2.	2300.	.5449E+05		.1364E-01	.000	-1.000
3.	2300.	.6696E+05		.2393E-01	.000	-1.000
4.	2300.	.7303E+05		.3460E-01	.000	-1.000
5.	2300.	.7740E+05		.4532E-01	.000	-1.000
10.	2300.	.9356E+05		.9739E-01	.000	-1.000
15.	2300.	.1028E+04		.1472E+00	.000	-1.000
20.	2300.	.1091E+04		.1958E+00	.000	-1.000
25.	2300.	.1139E+04		.2440E+00	.000	-1.000
30.	2300.	.1176E+04		.2922E+00	.000	-1.000
35.	2300.	.1206E+04		.3408E+00	.000	-1.000
40.	2300.	.1231E+04		.3899E+00	.000	-1.000
45.	2300.	.1252E+04		.4396E+00	.000	-1.000
50.	2300.	.1270E+04		.4902E+00	.000	-1.000
55.	2300.	.1285E+04		.5417E+00	.000	-1.000
60.	2300.	.1298E+04		.5941E+00	.000	-1.000
65.	2300.	.1310E+04		.6475E+00	.000	-1.000
70.	2300.	.1320E+04		.7019E+00	.000	-1.000
75.	2300.	.1329E+04		.7575E+00	.000	-1.000
80.	2300.	.1337E+04		.8141E+00	.000	-1.000
85.	2300.	.1344E+04		.8718E+00	.000	-1.000
90.	2300.	.1350E+04		.9308E+00	.000	-1.000
95.	2300.	.1355E+04		.9909E+00	.000	-1.000
100.	2300.	.1360E+04		.1052E+01	.000	-1.000
105.	2300.	.1365E+04		.1115E+01	.000	-1.000
110.	2300.	.1369E+04		.1178E+01	.000	-1.000
115.	2300.	.1372E+04		.1243E+01	.000	-1.000
120.	2300.	.1376E+04		.1310E+01	.000	-1.000

1700 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2400.	.1403E+05		.5608E-02	.000	-1.000
2.	2400.	.1486E+05		.1696E-01	.000	-1.000
3.	2400.	.1532E+05		.3060E-01	.000	-1.000
4.	2400.	.1563E+05		.4521E-01	.000	-1.000
5.	2400.	.1586E+05		.6015E-01	.000	-1.000
10.	2400.	.1651E+05		.1347E+00	.000	-1.000
15.	2400.	.1684E+05		.2073E+00	.000	-1.000
20.	2400.	.1705E+05		.2784E+00	.000	-1.000
25.	2400.	.1719E+05		.3486E+00	.000	-1.000
30.	2400.	.1730E+05		.4185E+00	.000	-1.000
35.	2400.	.1738E+05		.4885E+00	.000	-1.000
40.	2400.	.1745E+05		.5586E+00	.000	-1.000
45.	2400.	.1750E+05		.6296E+00	.000	-1.000
50.	2400.	.1754E+05		.7010E+00	.000	-1.000
55.	2400.	.1758E+05		.7732E+00	.000	-1.000
60.	2400.	.1761E+05		.8462E+00	.000	-1.000
65.	2400.	.1763E+05		.9202E+00	.000	-1.000
70.	2400.	.1766E+05		.9951E+00	.000	-1.000
75.	2400.	.1767E+05		.1071E+01	.000	-1.000
80.	2400.	.1769E+05		.1148E+01	.000	-1.000
85.	2400.	.1770E+05		.1226E+01	.000	-1.000
90.	2400.	.1771E+05		.1305E+01	.000	-1.000
95.	2400.	.1772E+05		.1386E+01	.000	-1.000
100.	2400.	.1773E+05		.1467E+01	.000	-1.000
105.	2400.	.1774E+05		.1550E+01	.000	-1.000
110.	2400.	.1774E+05		.1634E+01	.000	-1.000
115.	2400.	.1775E+05		.1719E+01	.000	-1.000
120.	2400.	.1775E+05		.1805E+01	.000	-1.000

1700 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978							
LENGTH		1700 F OXY BIAxIAL		ENGR		1978	
2	-4.60500E+00	4.78800E+00	0.	0.	0.	0.	2
2							3
0.		1.57300E+03	0.	0.	0.	0.	4
16							5
-1.40016E+01	1.26256E-03	9.60594E-06	1.22563E-03	-1.39993E+01	2.42363E-04		6
1.16676E-02	2.83391E-04	-1.40010E+01	1.15540E+00	-3.01292E-06	-2.81335E-04		7
-3.51514E+00	2.36915E-01	-2.97406E-03	-8.06489E-05	0.			8
DIAMETER 1700 F OXY BIAxIAL TRUE FIT 1978							9
3	-4.60500E+00	1.39000E+00	4.80000E+00	0.	0.	0.	2
3							3
0.		4.00100E+02	2.40010E+03	0.	0.	0.	4
36							5
-1.40004E+01	9.22706E-04	-4.83839E-05	7.68184E-03	-1.40003E+01	-7.95277E-05		6
4.94214E-02	8.01356E-03	-1.39995E+01	4.04374E-04	6.84466E-02	1.30587E-03		7
-1.39999E+01	1.75724E+00	1.94936E-05	2.35041E-03	-6.54516E+00	8.34484E-01		8
2.89416E-03	-7.32045E-04	-4.24335E+00	5.29172E-01	2.29409E-03	1.25027E-03		9
-1.39951E+01	1.90024E+00	3.17965E-05	-5.55108E-04	-3.09125E+00	1.31168E+00		10
2.84068E-03	7.21229E-04	6.05567E-01	1.15959E+00	3.27755E-03	-7.63325E-04		11
							12

514A	193.5							
514	188.5	1685.8	0.0	0.43665	0.7600E-02	1.39550	0.7314E-02	22.4
514	189.0	1707.8	0.0	0.43676	0.7655E-02	1.39568	0.7447E-02	22.4
514	189.5	1722.4	0.0	0.43688	0.8139E-02	1.39575	0.7497E-02	22.4
514	190.0	1729.0	0.0	0.43696	0.8333E-02	1.39573	0.7481E-02	22.6
514	190.5	1730.4	0.0	0.43690	0.8184E-02	1.39574	0.7486E-02	22.6
514	191.0	1725.2	0.0	0.43698	0.8378E-02	1.39559	0.7380E-02	22.6
514	191.5	1718.0	0.0	0.43694	0.8288E-02	1.39544	0.7275E-02	22.7
514	192.0	1711.2	0.0	0.43694	0.8273E-02	1.39527	0.7152E-02	22.6
514	192.5	1704.4	0.0	0.43691	0.8214E-02	1.39521	0.7107E-02	22.7
514	193.0	1700.2	0.0	0.43698	0.8363E-02	1.39518	0.7085E-02	22.8
514	193.5	1699.2	0.0	0.43833	0.1147E-01	1.39578	0.7520E-02	224.9
514	194.0	1709.6	0.0	0.44081	0.1722E-01	1.39581	0.7536E-02	231.3
514	194.5	1712.2	0.0	0.44465	0.2606E-01	1.39581	0.7542E-02	232.1
514	195.0	1709.0	0.0	0.45002	0.3846E-01	1.39578	0.7514E-02	232.7
514	195.5	1704.8	0.0	0.45717	0.5495E-01	1.39587	0.7581E-02	233.2
514	196.0	1702.2	0.0	0.46568	0.7461E-01	1.39599	0.7670E-02	233.1
514	196.5	1699.6	0.0	0.47719	0.1012E+00	1.39630	0.7893E-02	233.3
514	197.0	1699.0	0.0	0.49461	0.1414E+00	1.39770	0.8907E-02	233.0

514B	138.0							
514	133.0	1622.8	0.0	0.43587	0.6031E-02	1.40035	0.5218E-02	21.8
514	133.5	1641.4	0.0	0.43574	0.5746E-02	1.40084	0.5567E-02	22.3
514	134.0	1652.8	0.0	0.43612	0.6614E-02	1.40135	0.5938E-02	22.2
514	134.5	1662.2	0.0	0.43651	0.7512E-02	1.40180	0.6259E-02	22.5
514	135.0	1674.6	0.0	0.43633	0.7108E-02	1.40233	0.6642E-02	22.5
514	135.5	1684.2	0.0	0.43622	0.6839E-02	1.40273	0.6924E-02	22.6
514	136.0	1692.2	0.0	0.43621	0.6809E-02	1.40304	0.7151E-02	22.7
514	136.5	1699.6	0.0	0.43624	0.6898E-02	1.40334	0.7362E-02	22.7
514	137.0	1702.8	0.0	0.43626	0.6943E-02	1.40348	0.7467E-02	22.9
514	137.5	1705.6	0.0	0.43633	0.7108E-02	1.40372	0.7639E-02	22.7
514	138.0	1704.0	0.0	0.43685	0.8305E-02	1.40395	0.7799E-02	218.1
514	138.5	1705.6	0.0	0.43680	0.8170E-02	1.40418	0.7965E-02	233.8
514	139.0	1703.4	0.0	0.43746	0.9697E-02	1.40435	0.8087E-02	234.3
514	139.5	1702.2	0.0	0.43803	0.1101E-01	1.40444	0.8154E-02	234.2
514	140.0	1699.6	0.0	0.43858	0.1230E-01	1.40456	0.8242E-02	234.3
514	140.5	1699.4	0.0	0.43901	0.1329E-01	1.40466	0.8304E-02	234.5
514	141.0	1695.8	0.0	0.43977	0.1504E-01	1.40482	0.8425E-02	234.4
514	141.5	1696.2	0.0	0.44054	0.1682E-01	1.40490	0.8481E-02	234.3
514	142.0	1694.8	0.0	0.44099	0.1785E-01	1.40501	0.8564E-02	233.7
514	142.5	1693.0	0.0	0.44145	0.1891E-01	1.40509	0.8619E-02	233.9
514	143.0	1693.4	0.0	0.44190	0.1996E-01	1.40522	0.8713E-02	233.7
514	143.5	1692.6	0.0	0.44237	0.2104E-01	1.40526	0.8741E-02	233.8
514	144.0	1693.2	0.0	0.44282	0.2207E-01	1.40540	0.8841E-02	233.6
514	144.5	1692.2	0.0	0.44331	0.2321E-01	1.40544	0.8874E-02	233.7
514	145.0	1692.4	0.0	0.44374	0.2420E-01	1.40554	0.8940E-02	233.6
514	145.5	1691.6	0.0	0.44423	0.2532E-01	1.40568	0.9046E-02	233.6
514	146.0	1688.8	0.0	0.44472	0.2646E-01	1.40574	0.9084E-02	233.5
514	146.5	1686.8	0.0	0.44519	0.2755E-01	1.40585	0.9168E-02	233.4
514	147.0	1686.8	0.0	0.44575	0.2884E-01	1.40598	0.9256E-02	233.1
514	147.5	1687.4	0.0	0.44631	0.3014E-01	1.40608	0.9334E-02	233.4
514	148.0	1688.8	0.0	0.44692	0.3153E-01	1.40624	0.9444E-02	233.2
514	148.5	1689.2	0.0	0.44753	0.3295E-01	1.40633	0.9511E-02	233.2
514	149.0	1689.8	0.0	0.44821	0.3452E-01	1.40642	0.9572E-02	233.1
514	149.5	1690.6	0.0	0.44887	0.3605E-01	1.40658	0.9688E-02	233.2
514	150.0	1690.6	0.0	0.44966	0.3792E-01	1.40665	0.9738E-02	233.1
514	150.5	1691.0	0.0	0.45081	0.4052E-01	1.40683	0.9865E-02	233.0
514	151.0	1691.2	0.0	0.45186	0.4298E-01	1.40692	0.9932E-02	233.0
514	151.5	1692.0	0.0	0.45314	0.4590E-01	1.40698	0.9976E-02	233.1
514	152.0	1693.0	0.0	0.45431	0.4860E-01	1.40703	0.1001E-01	232.9
514	152.5	1693.4	0.0	0.45538	0.5107E-01	1.40714	0.1009E-01	232.8
514	153.0	1693.6	0.0	0.45672	0.5417E-01	1.40724	0.1016E-01	233.0
514	153.5	1693.0	0.0	0.45841	0.5806E-01	1.40730	0.1021E-01	232.7
514	154.0	1694.2	0.0	0.46060	0.6312E-01	1.40739	0.1027E-01	232.8
514	154.5	1694.2	0.0	0.46350	0.6981E-01	1.40743	0.1030E-01	232.8
514	155.0	1694.0	0.0	0.46698	0.7783E-01	1.40739	0.1027E-01	232.9
514	155.5	1693.4	0.0	0.47188	0.8915E-01	1.40727	0.1019E-01	232.8
514	156.0	1693.2	0.0	0.47942	0.1065E+00	1.40696	0.9960E-02	233.0
514	156.5	1692.0	0.0	0.49222	0.1361E+00	1.40632	0.9505E-02	232.2
514	157.0	1644.6	0.0	0.54604	0.2603E+00-9.99900		-9.9999E+04	204.5
514	157.5	1542.0	0.0	0.54601	0.2603E+00-9.99900		-9.9999E+04	201.5
514	158.0	1476.6	0.0	0.54560	0.2593E+00-9.99900		-9.9999E+04	202.9
514	158.5	1454.4	0.0	0.54555	0.2592E+00-9.99900		-9.9999E+04	203.5

515	164.0							
515	159.0	1663.2	0.0	0.43617	0.5065E-02	1.40443	0.9614E-02	22.3
515	159.5	1673.4	0.0	0.43628	0.5334E-02	1.40477	0.9858E-02	22.4
515	160.0	1682.4	0.0	0.43639	0.5573E-02	1.40514	0.1013E-01	22.4
515	160.5	1689.2	0.0	0.43647	0.5767E-02	1.40554	0.1042E-01	22.4
515	161.0	1695.8	0.0	0.43658	0.6021E-02	1.40601	0.1075E-01	22.4
515	161.5	1697.6	0.0	0.43663	0.6140E-02	1.40631	0.1097E-01	22.3
515	162.0	1699.8	0.0	0.43663	0.6125E-02	1.40639	0.1103E-01	22.5
515	162.5	1700.4	0.0	0.43665	0.6185E-02	1.40642	0.1104E-01	22.6
515	163.0	1699.2	0.0	0.43666	0.6200E-02	1.40657	0.1116E-01	22.7
515	163.5	1698.8	0.0	0.43668	0.6245E-02	1.40674	0.1128E-01	22.8
515	164.0	1702.4	0.0	0.43720	0.7440E-02	1.40695	0.1143E-01	189.1
515	164.5	1698.2	0.0	0.43763	0.8441E-02	1.40723	0.1163E-01	191.6
515	165.0	1698.4	0.0	0.43804	0.9382E-02	1.40749	0.1182E-01	191.7
515	165.5	1696.2	0.0	0.43829	0.9950E-02	1.40752	0.1184E-01	192.4
515	166.0	1695.4	0.0	0.43855	0.1055E-01	1.40757	0.1187E-01	192.4
515	166.5	1693.8	0.0	0.43880	0.1113E-01	1.40764	0.1192E-01	192.2
515	167.0	1692.0	0.0	0.43908	0.1177E-01	1.40777	0.1202E-01	192.7
515	167.5	1692.6	0.0	0.43930	0.1230E-01	1.40788	0.1209E-01	192.6
515	168.0	1691.6	0.0	0.43955	0.1286E-01	1.40802	0.1220E-01	192.9
515	168.5	1692.8	0.0	0.43982	0.1349E-01	1.40812	0.1227E-01	192.7
515	169.0	1691.8	0.0	0.44002	0.1395E-01	1.40815	0.1229E-01	192.6
515	169.5	1690.4	0.0	0.44018	0.1431E-01	1.40818	0.1230E-01	192.8
515	170.0	1691.8	0.0	0.44041	0.1485E-01	1.40828	0.1237E-01	192.6
515	170.5	1692.2	0.0	0.44061	0.1531E-01	1.40834	0.1243E-01	192.6
515	171.0	1691.4	0.0	0.44073	0.1558E-01	1.40850	0.1254E-01	192.2
515	171.5	1691.6	0.0	0.44089	0.1594E-01	1.40852	0.1255E-01	192.4
515	172.0	1692.8	0.0	0.44113	0.1649E-01	1.40856	0.1259E-01	192.6
515	172.5	1692.8	0.0	0.44137	0.1705E-01	1.40863	0.1264E-01	192.5
515	173.0	1693.6	0.0	0.44154	0.1745E-01	1.40872	0.1270E-01	192.2
515	173.5	1694.4	0.0	0.44172	0.1787E-01	1.40872	0.1270E-01	192.1
515	174.0	1695.4	0.0	0.44196	0.1842E-01	1.40880	0.1276E-01	192.3
515	174.5	1695.6	0.0	0.44222	0.1902E-01	1.40890	0.1283E-01	192.1
515	175.0	1697.8	0.0	0.44240	0.1942E-01	1.40894	0.1286E-01	191.8
515	175.5	1697.0	0.0	0.44258	0.1985E-01	1.40902	0.1292E-01	192.1
515	176.0	1697.4	0.0	0.44275	0.2023E-01	1.40907	0.1295E-01	192.0
515	176.5	1698.6	0.0	0.44285	0.2047E-01	1.40914	0.1300E-01	191.9
515	177.0	1697.4	0.0	0.44299	0.2078E-01	1.40914	0.1300E-01	192.0
515	177.5	1696.6	0.0	0.44312	0.2109E-01	1.40916	0.1301E-01	191.9
515	178.0	1696.2	0.0	0.44330	0.2150E-01	1.40923	0.1307E-01	191.9
515	178.5	1696.0	0.0	0.44342	0.2178E-01	1.40924	0.1311E-01	191.9
515	179.0	1696.4	0.0	0.44356	0.2210E-01	1.40939	0.1318E-01	191.6
515	179.5	1696.6	0.0	0.44367	0.2236E-01	1.40936	0.1318E-01	191.9
515	180.0	1697.6	0.0	0.44383	0.2272E-01	1.40939	0.1318E-01	191.9
515	180.5	1696.8	0.0	0.44397	0.2305E-01	1.40956	0.1330E-01	191.9
515	181.0	1697.4	0.0	0.44404	0.2320E-01	1.40962	0.1335E-01	191.8
515	181.5	1698.4	0.0	0.44421	0.2360E-01	1.40964	0.1340E-01	191.7
515	182.0	1698.2	0.0	0.44439	0.2401E-01	1.40972	0.1342E-01	191.7
515	182.5	1699.8	0.0	0.44453	0.2434E-01	1.40977	0.1346E-01	191.7
515	183.0	1698.8	0.0	0.44469	0.2471E-01	1.40987	0.1352E-01	191.9
515	183.5	1699.0	0.0	0.44487	0.2511E-01	1.40988	0.1354E-01	191.9
515	184.0	1699.2	0.0	0.44501	0.2544E-01	1.40990	0.1355E-01	191.7
515	184.5	1699.6	0.0	0.44517	0.2580E-01	1.41002	0.1364E-01	191.3
515	185.0	1697.2	0.0	0.44532	0.2616E-01	1.41001	0.1363E-01	191.7
515	185.5	1697.2	0.0	0.44545	0.2646E-01	1.41003	0.1364E-01	191.8
515	186.0	1698.0	0.0	0.44561	0.2682E-01	1.41017	0.1375E-01	191.6
515	186.5	1697.4	0.0	0.44583	0.2732E-01	1.41021	0.1377E-01	191.9
515	187.0	1697.0	0.0	0.44599	0.2770E-01	1.41029	0.1383E-01	191.7
515	187.5	1698.4	0.0	0.44615	0.2807E-01	1.41031	0.1385E-01	191.7
515	188.0	1697.6	0.0	0.44622	0.2822E-01	1.41034	0.1388E-01	191.6

515	188.5	1698.6	0.0	0.44644	0.2874E-01	1.41042	0.1392E-01	191.5
515	189.0	1700.6	0.0	0.44651	0.2889E-01	1.41047	0.1396E-01	191.4
515	189.5	1701.2	0.0	0.44688	0.2976E-01	1.41056	0.1402E-01	191.7
515	190.0	1701.0	0.0	0.44696	0.2994E-01	1.41061	0.1406E-01	191.7
515	190.5	1701.4	0.0	0.44723	0.3057E-01	1.41067	0.1410E-01	191.7
515	191.0	1701.2	0.0	0.44736	0.3091E-01	1.41068	0.1411E-01	191.5
515	191.5	1702.0	0.0	0.44752	0.3122E-01	1.41076	0.1417E-01	191.6
515	192.0	1700.0	0.0	0.44766	0.3155E-01	1.41083	0.1422E-01	191.6
515	192.5	1699.4	0.0	0.44775	0.3175E-01	1.41084	0.1422E-01	191.5
515	193.0	1699.6	0.0	0.44793	0.3218E-01	1.41095	0.1430E-01	191.4
515	193.5	1700.2	0.0	0.44810	0.3257E-01	1.41097	0.1432E-01	191.5
515	194.0	1700.8	0.0	0.44820	0.3279E-01	1.41104	0.1437E-01	191.4
515	194.5	1699.8	0.0	0.44826	0.3293E-01	1.41105	0.1437E-01	191.1
515	195.0	1699.2	0.0	0.44854	0.3358E-01	1.41105	0.1437E-01	191.6
515	195.5	1699.4	0.0	0.44862	0.3376E-01	1.41105	0.1437E-01	191.6
515	196.0	1699.2	0.0	0.44894	0.3450E-01	1.41111	0.1442E-01	191.5
515	196.5	1699.6	0.0	0.44907	0.3479E-01	1.41115	0.1445E-01	191.3
515	197.0	1700.2	0.0	0.44932	0.3538E-01	1.41115	0.1445E-01	191.5
515	197.5	1699.8	0.0	0.44948	0.3574E-01	1.41122	0.1450E-01	191.5
515	198.0	1698.8	0.0	0.44968	0.3621E-01	1.41131	0.1456E-01	191.6
515	198.5	1699.8	0.0	0.44996	0.3686E-01	1.41143	0.1465E-01	191.5
515	199.0	1699.0	0.0	0.45009	0.3715E-01	1.41145	0.1466E-01	191.4
515	199.5	1699.4	0.0	0.45022	0.3745E-01	1.41139	0.1462E-01	191.5
515	200.0	1699.0	0.0	0.45038	0.3781E-01	1.41143	0.1465E-01	191.5
515	200.5	1698.2	0.0	0.45068	0.3851E-01	1.41153	0.1472E-01	191.6
515	201.0	1698.8	0.0	0.45081	0.3881E-01	1.41161	0.1478E-01	191.3
515	201.5	1699.6	0.0	0.45100	0.3925E-01	1.41163	0.1479E-01	191.5
515	202.0	1698.6	0.0	0.45130	0.3993E-01	1.41173	0.1486E-01	191.5
515	202.5	1698.4	0.0	0.45149	0.4038E-01	1.41176	0.1489E-01	191.2
515	203.0	1699.2	0.0	0.45165	0.4074E-01	1.41176	0.1488E-01	191.2
515	203.5	1698.8	0.0	0.45191	0.4134E-01	1.41175	0.1488E-01	191.5
515	204.0	1699.8	0.0	0.45211	0.4180E-01	1.41184	0.1494E-01	191.5
515	204.5	1697.8	0.0	0.45233	0.4231E-01	1.41197	0.1504E-01	191.6
515	205.0	1699.2	0.0	0.45260	0.4294E-01	1.41196	0.1503E-01	191.4
515	205.5	1698.2	0.0	0.45285	0.4350E-01	1.41206	0.1510E-01	191.4
515	206.0	1699.0	0.0	0.45305	0.4397E-01	1.41209	0.1512E-01	191.3
515	206.5	1698.8	0.0	0.45339	0.4474E-01	1.41211	0.1514E-01	191.4
515	207.0	1698.8	0.0	0.45358	0.4519E-01	1.41215	0.1517E-01	191.4
515	207.5	1698.6	0.0	0.45388	0.4588E-01	1.41214	0.1516E-01	191.4
515	208.0	1698.6	0.0	0.45409	0.4636E-01	1.41210	0.1513E-01	191.5
515	208.5	1697.4	0.0	0.45440	0.4707E-01	1.41226	0.1524E-01	191.4
515	209.0	1697.8	0.0	0.45466	0.4769E-01	1.41224	0.1523E-01	191.4
515	209.5	1699.6	0.0	0.45495	0.4834E-01	1.41234	0.1530E-01	191.4
515	210.0	1699.8	0.0	0.45521	0.4896E-01	1.41237	0.1533E-01	191.5
515	210.5	1698.8	0.0	0.45559	0.4982E-01	1.41236	0.1532E-01	191.5
515	211.0	1698.0	0.0	0.45587	0.5047E-01	1.41240	0.1534E-01	191.4
515	211.5	1699.4	0.0	0.45626	0.5136E-01	1.41246	0.1539E-01	191.2
515	212.0	1698.6	0.0	0.45656	0.5206E-01	1.41249	0.1541E-01	191.0
515	212.5	1700.8	0.0	0.45684	0.5264E-01	1.41251	0.1542E-01	191.3
515	213.0	1700.0	0.0	0.45713	0.5338E-01	1.41247	0.1540E-01	191.2
515	213.5	1700.8	0.0	0.45740	0.5399E-01	1.41255	0.1545E-01	191.3
515	214.0	1700.2	0.0	0.45771	0.5471E-01	1.41256	0.1546E-01	191.3
515	214.5	1699.6	0.0	0.45798	0.5532E-01	1.41261	0.1550E-01	191.2
515	215.0	1700.4	0.0	0.45827	0.5601E-01	1.41266	0.1553E-01	191.4
515	215.5	1700.8	0.0	0.45861	0.5679E-01	1.41270	0.1556E-01	191.3
515	216.0	1699.6	0.0	0.45896	0.5759E-01	1.41271	0.1557E-01	191.2
515	216.5	1699.6	0.0	0.45938	0.5855E-01	1.41274	0.1559E-01	191.4
515	217.0	1699.8	0.0	0.45972	0.5934E-01	1.41269	0.1555E-01	191.3
515	217.5	1699.6	0.0	0.46021	0.6048E-01	1.41281	0.1564E-01	191.2
515	218.0	1700.2	0.0	0.46052	0.6119E-01	1.41286	0.1568E-01	191.3

515	218.5	1700.4	0.0	0.46098	0.6224E-01	1.41276	0.1560E-01	191.2
515	219.0	1700.8	0.0	0.46141	0.6324E-01	1.41282	0.1565E-01	191.2
515	219.5	1699.4	0.0	0.46182	0.6418E-01	1.41279	0.1563E-01	191.2
515	220.0	1698.8	0.0	0.46223	0.6512E-01	1.41283	0.1565E-01	191.3
515	220.5	1700.0	0.0	0.46281	0.6647E-01	1.41289	0.1570E-01	191.1
515	221.0	1699.0	0.0	0.46328	0.6754E-01	1.41291	0.1572E-01	191.3
515	221.5	1699.8	0.0	0.46379	0.6872E-01	1.41289	0.1570E-01	191.4
515	222.0	1700.2	0.0	0.46436	0.7004E-01	1.41288	0.1569E-01	191.3
515	222.5	1699.0	0.0	0.46493	0.7135E-01	1.41291	0.1571E-01	191.2
515	223.0	1701.0	0.0	0.46541	0.7246E-01	1.41296	0.1575E-01	191.3
515	223.5	1701.8	0.0	0.46615	0.7415E-01	1.41298	0.1576E-01	191.4
515	224.0	1702.0	0.0	0.46683	0.7573E-01	1.41295	0.1574E-01	191.4
515	224.5	1701.4	0.0	0.46763	0.7757E-01	1.41290	0.1570E-01	191.0
515	225.0	1701.8	0.0	0.46841	0.7936E-01	1.41287	0.1568E-01	191.2
515	225.5	1700.6	0.0	0.46909	0.8093E-01	1.41281	0.1564E-01	191.1
515	226.0	1700.2	0.0	0.46994	0.8289E-01	1.41284	0.1567E-01	190.9
515	226.5	1699.6	0.0	0.47083	0.8493E-01	1.41286	0.1568E-01	191.2
515	227.0	1700.8	0.0	0.47164	0.8680E-01	1.41276	0.1560E-01	191.2
515	227.5	1700.2	0.0	0.47278	0.8843E-01	1.41287	0.1554E-01	191.1
515	228.0	1700.2	0.0	0.47393	0.9209E-01	1.41263	0.1551E-01	191.1
515	228.5	1700.0	0.0	0.47521	0.9503E-01	1.41257	0.1547E-01	191.0
515	229.0	1700.0	0.0	0.47660	0.9824E-01	1.41251	0.1543E-01	191.1
515	229.5	1700.2	0.0	0.47826	0.1021E+00	1.41243	0.1537E-01	191.2
515	230.0	1701.0	0.0	0.48011	0.1063E+00	1.41232	0.1529E-01	191.2
515	230.5	1700.6	0.0	0.48228	0.1113E+00	1.41204	0.1509E-01	191.1
515	231.0	1700.2	0.0	0.48482	0.1172E+00	1.41198	0.1504E-01	191.2
515	231.5	1700.2	0.0	0.48796	0.1244E+00	1.41167	0.1482E-01	190.9
515	232.0	1700.0	0.0	0.49183	0.1333E+00	1.41133	0.1458E-01	191.1
515	232.5	1700.2	0.0	0.49806	0.1477E+00	1.41094	0.1430E-01	191.1
515	233.0	1697.8	0.0	0.51544	0.1877E+00	1.40724	0.1164E-01	189.5
515	233.5	1601.2	0.0	-9.99900	-.9999E+04	1.41146	0.1467E-01	167.7
515	234.0	1549.6	0.0	-9.99900	-.9999E+04	1.41122	0.1450E-01	169.2
515	234.5	1530.0	0.0	-9.99900	-.9999E+04	1.39703	0.4294E-02	169.3
515	235.0	1521.0	0.0	0.51651	0.1902E+00	1.41147	0.1466E-01	169.6
515	235.5	1557.2	0.0	-9.99900	-.9999E+04	1.41175	0.1488E-01	14.4
515	236.0	1611.0	0.0	-9.99900	-.9999E+04	1.41203	0.1508E-01	14.6
515	236.5	1652.6	0.0	-9.99900	-.9999E+04	1.41027	0.1382E-01	14.6
515	237.0	1683.0	0.0	-9.99900	-.9999E+04	1.41091	0.1427E-01	14.6
515	237.5	1702.0	0.0	-9.99900	-.9999E+04	1.41125	0.1452E-01	14.6

516	151.0							
516	146.0	1604.0	0.0	0.43579	0.6137E-02	1.40582	0.5608E-02	21.7
516	146.5	1621.8	0.0	0.43565	0.5823E-02	1.40660	0.6166E-02	21.8
516	147.0	1638.8	0.0	0.43589	0.6362E-02	1.40720	0.6596E-02	22.0
516	147.5	1655.8	0.0	0.43606	0.6796E-02	1.40788	0.7076E-02	22.1
516	148.0	1674.2	0.0	0.43602	0.6661E-02	1.40840	0.7452E-02	22.4
516	148.5	1688.0	0.0	0.43525	0.4895E-02	1.40878	0.7722E-02	22.2
516	149.0	1697.0	0.0	0.43627	0.7245E-02	1.40909	0.7946E-02	22.3
516	149.5	1700.8	0.0	0.43645	0.7664E-02	1.40917	0.8004E-02	22.4
516	150.0	1700.4	0.0	0.43640	0.7537E-02	1.40926	0.8070E-02	22.5
516	150.5	1699.6	0.0	0.43649	0.7754E-02	1.40935	0.8131E-02	22.3
516	151.0	1702.6	0.0	0.43706	0.9071E-02	1.40980	0.8450E-02	160.3
516	151.5	1703.8	0.0	0.43780	0.1078E-01	1.41045	0.8920E-02	171.8
516	152.0	1702.2	0.0	0.43839	0.1214E-01	1.41074	0.9124E-02	172.1
516	152.5	1699.8	0.0	0.43886	0.1322E-01	1.41089	0.9235E-02	172.3
516	153.0	1697.0	0.0	0.43913	0.1385E-01	1.41115	0.9417E-02	172.4
516	153.5	1693.2	0.0	0.43945	0.1458E-01	1.41130	0.9527E-02	172.5
516	154.0	1689.8	0.0	0.43975	0.1528E-01	1.41142	0.9615E-02	172.3
516	154.5	1687.4	0.0	0.43995	0.1575E-01	1.41165	0.9776E-02	172.4
516	155.0	1685.8	0.0	0.44030	0.1656E-01	1.41175	0.9847E-02	172.2
516	155.5	1685.0	0.0	0.44065	0.1735E-01	1.41194	0.9985E-02	171.8
516	156.0	1684.0	0.0	0.44085	0.1782E-01	1.41207	0.1008E-01	172.1
516	156.5	1685.2	0.0	0.44122	0.1867E-01	1.41217	0.1015E-01	172.0
516	157.0	1684.8	0.0	0.44152	0.1935E-01	1.41237	0.1029E-01	172.0
516	157.5	1684.4	0.0	0.44184	0.2010E-01	1.41250	0.1036E-01	171.9
516	158.0	1684.8	0.0	0.44289	0.2253E-01	1.41275	0.1056E-01	171.8
516	158.5	1684.8	0.0	0.44316	0.2316E-01	1.41274	0.1055E-01	171.9
516	159.0	1684.6	0.0	0.44350	0.2393E-01	1.41290	0.1067E-01	171.8
516	159.5	1685.2	0.0	0.44385	0.2474E-01	1.41314	0.1084E-01	171.5
516	160.0	1685.8	0.0	0.44421	0.2558E-01	1.41322	0.1090E-01	171.7
516	160.5	1686.2	0.0	0.44456	0.2639E-01	1.41338	0.1101E-01	171.6
516	161.0	1686.8	0.0	0.44387	0.2479E-01	1.41355	0.1113E-01	171.6
516	161.5	1685.4	0.0	0.44516	0.2777E-01	1.41365	0.1121E-01	171.6
516	162.0	1686.8	0.0	0.44455	0.2630E-01	1.41386	0.1135E-01	171.6
516	162.5	1687.4	0.0	0.44594	0.2956E-01	1.41398	0.1144E-01	171.7
516	163.0	1687.2	0.0	0.44629	0.3037E-01	1.41419	0.1159E-01	171.6
516	163.5	1688.6	0.0	0.44580	0.2925E-01	1.41438	0.1173E-01	171.3
516	164.0	1688.4	0.0	0.44627	0.3033E-01	1.41453	0.1183E-01	171.4
516	164.5	1689.2	0.0	0.44674	0.3142E-01	1.41457	0.1187E-01	171.3
516	165.0	1689.4	0.0	0.44799	0.3429E-01	1.41476	0.1202E-01	171.4
516	165.5	1691.0	0.0	0.44841	0.3528E-01	1.41497	0.1215E-01	171.4
516	166.0	1690.4	0.0	0.44885	0.3630E-01	1.41515	0.1228E-01	171.1
516	166.5	1689.4	0.0	0.44936	0.3747E-01	1.41526	0.1230E-01	171.3
516	167.0	1690.6	0.0	0.44989	0.3869E-01	1.41554	0.1256E-01	171.1
516	167.5	1692.2	0.0	0.45033	0.3971E-01	1.41567	0.1265E-01	171.2
516	168.0	1692.6	0.0	0.45086	0.4094E-01	1.41591	0.1282E-01	171.3
516	168.5	1693.0	0.0	0.45136	0.4208E-01	1.41599	0.1288E-01	171.2
516	169.0	1693.6	0.0	0.45105	0.4130E-01	1.41631	0.1311E-01	171.3
516	169.5	1693.6	0.0	0.45265	0.4507E-01	1.41646	0.1322E-01	171.1
516	170.0	1692.4	0.0	0.45312	0.4615E-01	1.41670	0.1339E-01	171.4
516	170.5	1694.6	0.0	0.45321	0.4636E-01	1.41682	0.1347E-01	171.2
516	171.0	1694.4	0.0	0.45446	0.4923E-01	1.41703	0.1362E-01	171.1
516	171.5	1694.4	0.0	0.45519	0.5094E-01	1.41724	0.1377E-01	171.2
516	172.0	1694.4	0.0	0.45593	0.5264E-01	1.41741	0.1390E-01	171.2
516	172.5	1696.2	0.0	0.45667	0.5435E-01	1.41764	0.1406E-01	170.9
516	173.0	1696.8	0.0	0.45752	0.5630E-01	1.41783	0.1420E-01	171.1
516	173.5	1697.8	0.0	0.45837	0.5827E-01	1.41812	0.1440E-01	171.2
516	174.0	1698.0	0.0	0.45931	0.6043E-01	1.41834	0.1456E-01	171.2
516	174.5	1697.8	0.0	0.46026	0.6264E-01	1.41853	0.1470E-01	171.0
516	175.0	1698.4	0.0	0.46130	0.6504E-01	1.41881	0.1490E-01	171.1

516	175.5	1698.8	0.0	0.46227	0.6728E-01	1.41906	0.1507E-01	171.1
516	176.0	1698.6	0.0	0.46338	0.6983E-01	1.41927	0.1523E-01	171.0
516	176.5	1698.6	0.0	0.46488	0.7330E-01	1.41950	0.1534E-01	171.4
516	177.0	1698.0	0.0	0.46626	0.7647E-01	1.41976	0.1558E-01	171.2
516	177.5	1698.0	0.0	0.46773	0.7989E-01	1.42006	0.1579E-01	171.0
516	178.0	1697.2	0.0	0.46926	0.8342E-01	1.42025	0.1593E-01	171.2
516	178.5	1698.0	0.0	0.47088	0.8716E-01	1.42058	0.1616E-01	171.1
516	179.0	1698.0	0.0	0.47264	0.9120E-01	1.42082	0.1634E-01	170.9
516	179.5	1700.0	0.0	0.47475	0.9608E-01	1.42112	0.1655E-01	170.8
516	180.0	1700.2	0.0	0.47693	0.1011E+00	1.42151	0.1683E-01	171.0
516	180.5	1699.8	0.0	0.47940	0.1068E+00	1.42171	0.1697E-01	170.9
516	181.0	1700.2	0.0	0.48218	0.1132E+00	1.42210	0.1725E-01	171.2
516	181.5	1700.0	0.0	0.48517	0.1202E+00	1.42237	0.1744E-01	171.1
516	182.0	1701.2	0.0	0.48875	0.1284E+00	1.42292	0.1784E-01	170.9
516	182.5	1701.2	0.0	0.49298	0.1382E+00	1.42332	0.1813E-01	170.8
516	183.0	1700.6	0.0	0.49843	0.1507E+00	1.42392	0.1855E-01	171.0
516	183.5	1699.8	0.0	0.50529	0.1666E+00	1.41953	0.1541E-01	171.0
516	184.0	1681.6	0.0	0.51636	0.1922E+00-9.99900	-9.99900	-9.9994E+04	164.3
516	184.5	1528.4	0.0	0.51527	0.1896E+00-9.99900	-9.99900	-9.9994E+04	149.0

517	137.0							
517	132.0	1693.2	0.0	0.43638	0.7085E-02	1.39288	0.7620E-02	21.1
517	132.5	1693.4	0.0	0.43644	0.7219E-02	1.39307	0.7754E-02	21.1
517	133.0	1693.6	0.0	0.43648	0.7309E-02	1.39324	0.7882E-02	21.0
517	133.5	1693.6	0.0	0.43646	0.7274E-02	1.39340	0.7994E-02	20.8
517	134.0	1693.0	0.0	0.43656	0.7504E-02	1.39351	0.8078E-02	21.0
517	134.5	1693.0	0.0	0.43659	0.7563E-02	1.39366	0.8184E-02	21.1
517	135.0	1692.4	0.0	0.43662	0.7638E-02	1.39382	0.8301E-02	21.1
517	135.5	1692.0	0.0	0.43669	0.7803E-02	1.39402	0.8440E-02	21.0
517	136.0	1692.0	0.0	0.43667	0.7743E-02	1.39409	0.8496E-02	21.1
517	136.5	1690.2	0.0	0.43677	0.7982E-02	1.39429	0.8641E-02	21.2
517	137.0	1694.6	0.0	0.43722	0.9015E-02	1.39449	0.8781E-02	145.3
517	137.5	1694.6	0.0	0.43753	0.9748E-02	1.39480	0.9010E-02	147.0
517	138.0	1692.8	0.0	0.43783	0.1044E-01	1.39501	0.9160E-02	147.6
517	138.5	1692.4	0.0	0.43803	0.1090E-01	1.39508	0.9211E-02	147.5
517	139.0	1692.2	0.0	0.43825	0.1139E-01	1.39527	0.9345E-02	147.4
517	139.5	1692.4	0.0	0.43840	0.1174E-01	1.39543	0.9462E-02	147.7
517	140.0	1692.2	0.0	0.43856	0.1211E-01	1.39560	0.9585E-02	147.4
517	140.5	1691.6	0.0	0.43884	0.1276E-01	1.39569	0.9652E-02	147.5
517	141.0	1690.8	0.0	0.43897	0.1307E-01	1.39584	0.9758E-02	147.1
517	141.5	1692.0	0.0	0.43919	0.1356E-01	1.39595	0.9841E-02	147.1
517	142.0	1691.4	0.0	0.43929	0.1380E-01	1.39612	0.9964E-02	146.9
517	142.5	1692.6	0.0	0.43949	0.1427E-01	1.39616	0.9992E-02	146.7
517	143.0	1693.2	0.0	0.43963	0.1460E-01	1.39638	0.1015E-01	146.9
517	143.5	1693.0	0.0	0.43978	0.1492E-01	1.39649	0.1023E-01	147.3
517	144.0	1693.2	0.0	0.43995	0.1533E-01	1.39662	0.1033E-01	147.2
517	144.5	1694.4	0.0	0.44009	0.1564E-01	1.39670	0.1038E-01	147.1
517	145.0	1694.0	0.0	0.44029	0.1611E-01	1.39674	0.1041E-01	147.4
517	145.5	1693.6	0.0	0.44037	0.1630E-01	1.39689	0.1052E-01	147.3
517	146.0	1695.6	0.0	0.44047	0.1653E-01	1.39693	0.1054E-01	147.3
517	146.5	1695.8	0.0	0.44068	0.1700E-01	1.39710	0.1067E-01	147.3
517	147.0	1695.6	0.0	0.44085	0.1741E-01	1.39716	0.1071E-01	147.3
517	147.5	1696.4	0.0	0.44104	0.1783E-01	1.39732	0.1083E-01	147.2
517	148.0	1695.8	0.0	0.44115	0.1808E-01	1.39745	0.1092E-01	147.3
517	148.5	1695.8	0.0	0.44124	0.1831E-01	1.39751	0.1097E-01	147.2
517	149.0	1698.2	0.0	0.44139	0.1865E-01	1.39758	0.1102E-01	147.1
517	149.5	1697.2	0.0	0.44159	0.1911E-01	1.39769	0.1110E-01	147.0
517	150.0	1697.8	0.0	0.44172	0.1940E-01	1.39782	0.1119E-01	147.1
517	150.5	1698.2	0.0	0.44188	0.1979E-01	1.39790	0.1125E-01	147.1
517	151.0	1697.8	0.0	0.44203	0.2013E-01	1.39802	0.1134E-01	147.1
517	151.5	1698.4	0.0	0.44218	0.2048E-01	1.39810	0.1139E-01	147.3
517	152.0	1697.2	0.0	0.44232	0.2079E-01	1.39816	0.1144E-01	147.1
517	152.5	1697.4	0.0	0.44233	0.2081E-01	1.39823	0.1149E-01	146.9
517	153.0	1697.4	0.0	0.44253	0.2127E-01	1.39830	0.1154E-01	147.0
517	153.5	1698.0	0.0	0.44256	0.2134E-01	1.39842	0.1163E-01	146.9
517	154.0	1698.6	0.0	0.44271	0.2170E-01	1.39853	0.1171E-01	146.8
517	154.5	1698.8	0.0	0.44287	0.2205E-01	1.39867	0.1181E-01	147.0
517	155.0	1698.8	0.0	0.44301	0.2238E-01	1.39873	0.1185E-01	146.9
517	155.5	1699.4	0.0	0.44311	0.2262E-01	1.39880	0.1190E-01	146.8
517	156.0	1699.2	0.0	0.44331	0.2306E-01	1.39888	0.1196E-01	146.8
517	156.5	1698.6	0.0	0.44342	0.2333E-01	1.39904	0.1207E-01	146.8
517	157.0	1698.8	0.0	0.44347	0.2344E-01	1.39907	0.1210E-01	146.6
517	157.5	1698.8	0.0	0.44358	0.2371E-01	1.39921	0.1220E-01	146.9
517	158.0	1698.4	0.0	0.44361	0.2377E-01	1.39926	0.1225E-01	146.7
517	158.5	1699.2	0.0	0.44382	0.2425E-01	1.39939	0.1233E-01	146.9
517	159.0	1699.6	0.0	0.44385	0.2432E-01	1.39938	0.1232E-01	146.8
517	159.5	1698.8	0.0	0.44395	0.2455E-01	1.39952	0.1242E-01	146.8
517	160.0	1699.0	0.0	0.44418	0.2508E-01	1.39965	0.1252E-01	146.9
517	160.5	1698.8	0.0	0.44412	0.2495E-01	1.39969	0.1254E-01	146.6
517	161.0	1698.8	0.0	0.44443	0.2567E-01	1.39976	0.1260E-01	146.8

517	161.5	1699.2	0.0	0.44453	0.2589E-01	1.39983	0.1265E-01	146
517	162.0	1697.8	0.0	0.44465	0.2616E-01	1.39993	0.1272E-01	146.9
517	162.5	1698.4	0.0	0.44469	0.2627E-01	1.39998	0.1276E-01	146.6
517	163.0	1697.8	0.0	0.44487	0.2669E-01	1.40011	0.1285E-01	146.7
517	163.5	1697.4	0.0	0.44497	0.2691E-01	1.40028	0.1297E-01	146.9
517	164.0	1698.0	0.0	0.44513	0.2727E-01	1.40023	0.1293E-01	146.6
517	164.5	1698.4	0.0	0.44523	0.2751E-01	1.40041	0.1307E-01	146.8
517	165.0	1697.8	0.0	0.44538	0.2785E-01	1.40057	0.1316E-01	146.7
517	165.5	1698.2	0.0	0.44548	0.2808E-01	1.40060	0.1320E-01	146.7
517	166.0	1697.8	0.0	0.44553	0.2820E-01	1.40068	0.1326E-01	146.7
517	166.5	1698.8	0.0	0.44559	0.2835E-01	1.40073	0.1330E-01	146.5
517	167.0	1698.0	0.0	0.44579	0.2879E-01	1.40083	0.1337E-01	146.7
517	167.5	1699.4	0.0	0.44583	0.2888E-01	1.40098	0.1346E-01	146.5
517	168.0	1699.8	0.0	0.44580	0.2882E-01	1.40104	0.1352E-01	146.7
517	168.5	1699.8	0.0	0.44598	0.2924E-01	1.40113	0.1359E-01	146.8
517	169.0	1700.6	0.0	0.44611	0.2953E-01	1.40128	0.1369E-01	146.2
517	169.5	1699.4	0.0	0.44631	0.3001E-01	1.40145	0.1382E-01	146.6
517	170.0	1700.2	0.0	0.44634	0.3007E-01	1.40143	0.1380E-01	146.6
517	170.5	1699.4	0.0	0.44633	0.3005E-01	1.40129	0.1370E-01	146.6
517	171.0	1691.6	0.0	0.44642	0.3025E-01	1.40109	0.1356E-01	146.6
517	171.5	1682.6	0.0	0.44652	0.3049E-01	1.40135	0.1373E-01	146.7
517	172.0	1685.4	0.0	0.44671	0.3092E-01	1.40173	0.1402E-01	146.6
517	172.5	1688.0	0.0	0.44690	0.3137E-01	1.40197	0.1420E-01	146.7
517	173.0	1688.8	0.0	0.44699	0.3158E-01	1.40190	0.1415E-01	146.7
517	173.5	1689.0	0.0	0.44681	0.3114E-01	1.40169	0.1399E-01	146.6
517	174.0	1689.8	0.0	0.44697	0.3153E-01	1.40179	0.1406E-01	146.4
517	174.5	1690.4	0.0	0.44718	0.3201E-01	1.40196	0.1418E-01	146.6
517	175.0	1695.4	0.0	0.44749	0.3272E-01	1.40230	0.1444E-01	146.5
517	175.5	1702.0	0.0	0.44748	0.3270E-01	1.40252	0.1459E-01	146.5
517	176.0	1702.6	0.0	0.44767	0.3313E-01	1.40247	0.1455E-01	146.6
517	176.5	1702.2	0.0	0.44775	0.3333E-01	1.40247	0.1456E-01	146.6
517	177.0	1701.6	0.0	0.44797	0.3382E-01	1.40257	0.1463E-01	146.5
517	177.5	1703.2	0.0	0.44805	0.3402E-01	1.40274	0.1475E-01	146.4
517	178.0	1702.0	0.0	0.44819	0.3433E-01	1.40283	0.1482E-01	146.5
517	178.5	1702.6	0.0	0.44823	0.3444E-01	1.40292	0.1488E-01	146.3
517	179.0	1701.6	0.0	0.44843	0.3488E-01	1.40300	0.1494E-01	146.5
517	179.5	1701.2	0.0	0.44838	0.3478E-01	1.40296	0.1491E-01	146.5
517	180.0	1700.4	0.0	0.44843	0.3488E-01	1.40307	0.1499E-01	146.4
517	180.5	1699.6	0.0	0.44865	0.3539E-01	1.40315	0.1505E-01	146.5
517	181.0	1700.2	0.0	0.44871	0.3553E-01	1.40341	0.1523E-01	146.5
517	181.5	1700.0	0.0	0.44884	0.3584E-01	1.40343	0.1525E-01	146.4
517	182.0	1698.8	0.0	0.44897	0.3590E-01	1.40346	0.1527E-01	146.5
517	182.5	1696.4	0.0	0.44906	0.3635E-01	1.40344	0.1526E-01	146.3
517	183.0	1698.2	0.0	0.44922	0.3672E-01	1.40358	0.1536E-01	146.4
517	183.5	1698.8	0.0	0.44924	0.3677E-01	1.40378	0.1550E-01	146.5
517	184.0	1699.8	0.0	0.44939	0.3710E-01	1.40366	0.1556E-01	146.4
517	184.5	1699.8	0.0	0.44948	0.3731E-01	1.40376	0.1544E-01	146.4
517	185.0	1700.2	0.0	0.44953	0.3744E-01	1.40382	0.1553E-01	146.4
517	185.5	1699.8	0.0	0.44961	0.3762E-01	1.40394	0.1562E-01	146.4
517	186.0	1700.2	0.0	0.44976	0.3795E-01	1.40409	0.1573E-01	146.4
517	186.5	1700.0	0.0	0.44984	0.3815E-01	1.40419	0.1580E-01	146.4
517	187.0	1700.8	0.0	0.45003	0.3860E-01	1.40429	0.1586E-01	146.4
517	187.5	1700.4	0.0	0.45007	0.3867E-01	1.40427	0.1586E-01	146.3
517	188.0	1699.8	0.0	0.45012	0.3879E-01	1.40429	0.1587E-01	146.4
517	188.5	1699.4	0.0	0.45026	0.3912E-01	1.40440	0.1595E-01	146.4
517	189.0	1701.0	0.1	0.45040	0.3943E-01	1.40464	0.1613E-01	146.2
517	189.5	1699.6	0.1	0.45047	0.3961E-01	1.40467	0.1615E-01	146.4
517	190.0	1700.6	0.0	0.45055	0.3976E-01	1.40473	0.1619E-01	146.0
517	190.5	1700.2	0.1	0.45055	0.3974E-01	1.40477	0.1622E-01	146.3
517	191.0	1700.4	0.1	0.45081	0.4038E-01	1.40481	0.1625E-01	146.4

517	191.5	1700.0	0.1	0.45091	0.4062E-01	1.40497	0.1637E-01	146.5
517	192.0	1699.8	0.1	0.45097	0.4075E-01	1.40507	0.1644E-01	146.4
517	192.5	1700.0	0.1	0.45114	0.4114E-01	1.40504	0.1642E-01	146.3
517	193.0	1699.2	0.0	0.45119	0.4126E-01	1.40513	0.1648E-01	146.4
517	193.5	1700.2	0.1	0.45129	0.4148E-01	1.40523	0.1655E-01	146.3
517	194.0	1699.8	0.0	0.45139	0.4172E-01	1.40532	0.1662E-01	146.0
517	194.5	1699.8	0.0	0.45153	0.4205E-01	1.40544	0.1671E-01	146.4
517	195.0	1699.8	0.0	0.45153	0.4204E-01	1.40541	0.1668E-01	146.3
517	195.5	1699.2	0.1	0.45186	0.4280E-01	1.40554	0.1677E-01	146.3
517	196.0	1701.0	0.0	0.45183	0.4274E-01	1.40561	0.1683E-01	146.3
517	196.5	1699.0	0.0	0.45207	0.4329E-01	1.40573	0.1691E-01	146.3
517	197.0	1699.6	0.0	0.45206	0.4326E-01	1.40570	0.1689E-01	146.3
517	197.5	1699.8	0.0	0.45219	0.4358E-01	1.40586	0.1702E-01	146.3
517	198.0	1699.2	0.0	0.45232	0.4386E-01	1.40586	0.1701E-01	146.3
517	198.5	1700.0	0.0	0.45241	0.4407E-01	1.40595	0.1707E-01	146.1
517	199.0	1699.0	0.0	0.45255	0.4440E-01	1.40602	0.1712E-01	146.3
517	199.5	1699.2	0.0	0.45258	0.4446E-01	1.40608	0.1717E-01	146.1
517	200.0	1699.0	0.0	0.45281	0.4500E-01	1.40619	0.1724E-01	146.2
517	200.5	1698.8	0.0	0.45285	0.4510E-01	1.40634	0.1736E-01	146.1
517	201.0	1699.4	0.0	0.45302	0.4548E-01	1.40626	0.1730E-01	145.7
517	201.5	1698.6	0.1	0.45307	0.4559E-01	1.40642	0.1741E-01	146.2
517	202.0	1699.0	0.1	0.45312	0.4572E-01	1.40644	0.1743E-01	146.3
517	202.5	1698.4	0.1	0.45317	0.4582E-01	1.40652	0.1746E-01	146.2
517	203.0	1698.4	0.1	0.45337	0.4630E-01	1.40647	0.1745E-01	146.2
517	203.5	1698.6	0.1	0.45341	0.4639E-01	1.40653	0.1749E-01	146.3
517	204.0	1698.4	0.0	0.45349	0.4657E-01	1.40673	0.1764E-01	146.0
517	204.5	1698.2	0.0	0.45370	0.4705E-01	1.40683	0.1771E-01	146.2
517	205.0	1698.8	0.1	0.45360	0.4682E-01	1.40686	0.1773E-01	145.9
517	205.5	1698.8	0.1	0.45379	0.4727E-01	1.40694	0.1779E-01	146.3
517	206.0	1699.6	0.1	0.45390	0.4751E-01	1.40693	0.1778E-01	146.0
517	206.5	1698.2	0.1	0.45400	0.4775E-01	1.40696	0.1780E-01	146.2
517	207.0	1699.6	0.0	0.45417	0.4815E-01	1.40704	0.1786E-01	146.1
517	207.5	1699.4	0.1	0.45427	0.4838E-01	1.40719	0.1797E-01	146.1
517	208.0	1698.6	0.1	0.45440	0.4866E-01	1.40722	0.1799E-01	146.0
517	208.5	1699.2	0.1	0.45447	0.4883E-01	1.40727	0.1803E-01	146.2
517	209.0	1699.0	0.1	0.45453	0.4898E-01	1.40735	0.1809E-01	145.6
517	209.5	1699.4	0.1	0.45466	0.4926E-01	1.40740	0.1813E-01	146.2
517	210.0	1698.8	0.1	0.45494	0.4992E-01	1.40750	0.1819E-01	146.0
517	210.5	1697.6	0.1	0.45504	0.5015E-01	1.40747	0.1817E-01	146.2
517	211.0	1698.8	0.1	0.45509	0.5027E-01	1.40764	0.1830E-01	146.2
517	211.5	1698.2	0.1	0.45501	0.5009E-01	1.40755	0.1823E-01	146.0
517	212.0	1698.4	0.1	0.45533	0.5082E-01	1.40774	0.1837E-01	146.2
517	212.5	1698.4	0.1	0.45535	0.5086E-01	1.40776	0.1838E-01	146.1
517	213.0	1699.2	0.1	0.45536	0.5088E-01	1.40787	0.1846E-01	146.2
517	213.5	1699.6	0.1	0.45553	0.5127E-01	1.40791	0.1849E-01	146.2
517	214.0	1698.6	0.1	0.45563	0.5151E-01	1.40797	0.1853E-01	146.1
517	214.5	1699.2	0.1	0.45576	0.5181E-01	1.40799	0.1855E-01	146.0
517	215.0	1699.4	0.1	0.45577	0.5184E-01	1.40810	0.1863E-01	146.1
517	215.5	1699.4	0.1	0.45599	0.5235E-01	1.40812	0.1864E-01	146.2
517	216.0	1699.4	0.1	0.45599	0.5235E-01	1.40819	0.1870E-01	146.3
517	216.5	1699.2	0.1	0.45619	0.5274E-01	1.40822	0.1872E-01	146.0
517	217.0	1699.0	0.1	0.45626	0.5300E-01	1.40830	0.1877E-01	145.9
517	217.5	1698.6	0.1	0.45641	0.5332E-01	1.40838	0.1883E-01	146.2
517	218.0	1699.8	0.1	0.45657	0.5368E-01	1.40841	0.1885E-01	145.6
517	218.5	1700.0	0.1	0.45657	0.5368E-01	1.40847	0.1890E-01	146.0
517	219.0	1699.4	0.1	0.45680	0.5420E-01	1.40850	0.1892E-01	146.2
517	219.5	1700.2	0.1	0.45684	0.5431E-01	1.40856	0.1896E-01	146.2
517	220.0	1700.0	0.1	0.45693	0.5450E-01	1.40867	0.1904E-01	146.1
517	220.5	1700.8	0.1	0.45700	0.5466E-01	1.40874	0.1909E-01	146.1
517	221.0	1700.8	0.1	0.45720	0.5513E-01	1.40886	0.1918E-01	145.9

517	221.5	1700.0	0.1	0.45733	0.5544E-01	1.40888	0.1919E-01	146
517	222.0	1700.0	0.1	0.45733	0.5543E-01	1.40894	0.1924E-01	146.1
517	222.5	1700.0	0.1	0.45734	0.5546E-01	1.40900	0.1928E-01	146.0
517	223.0	1700.4	0.1	0.45758	0.5601E-01	1.40902	0.1930E-01	146.0
517	223.5	1700.4	0.1	0.45764	0.5615E-01	1.40919	0.1942E-01	145.9
517	224.0	1700.6	0.1	0.45779	0.5651E-01	1.40919	0.1942E-01	146.1
517	224.5	1700.4	0.1	0.45779	0.5649E-01	1.40918	0.1941E-01	146.1
517	225.0	1699.8	0.1	0.45797	0.5691E-01	1.40930	0.1950E-01	146.1
517	225.5	1700.0	0.1	0.45813	0.5728E-01	1.40935	0.1953E-01	146.1
517	226.0	1699.6	0.1	0.45812	0.5725E-01	1.40937	0.1955E-01	146.1
517	226.5	1700.4	0.1	0.45823	0.5751E-01	1.40940	0.1957E-01	145.9
517	227.0	1700.4	0.1	0.45829	0.5765E-01	1.40950	0.1964E-01	145.9
517	227.5	1699.6	0.1	0.45846	0.5803E-01	1.40940	0.1957E-01	145.9
517	228.0	1699.2	0.1	0.45855	0.5824E-01	1.40957	0.1969E-01	146.1
517	228.5	1699.0	0.1	0.45876	0.5873E-01	1.40969	0.1976E-01	145.8
517	229.0	1699.2	0.1	0.45881	0.5884E-01	1.40983	0.1988E-01	146.1
517	229.5	1699.0	0.1	0.45890	0.5905E-01	1.40984	0.1989E-01	145.6
517	230.0	1699.8	0.1	0.45913	0.5939E-01	1.40991	0.1994E-01	146.0
517	230.5	1699.4	0.1	0.45898	0.5924E-01	1.40994	0.1996E-01	146.0
517	231.0	1699.0	0.1	0.45926	0.5989E-01	1.40999	0.2000E-01	146.0
517	231.5	1699.6	0.1	0.45942	0.6026E-01	1.41001	0.2001E-01	145.9
517	232.0	1699.8	0.1	0.45932	0.6002E-01	1.41011	0.2009E-01	146.0
517	232.5	1699.6	0.1	0.45940	0.6020E-01	1.41009	0.2007E-01	146.0
517	233.0	1699.6	0.1	0.45951	0.6047E-01	1.41018	0.2014E-01	146.0
517	233.5	1699.0	0.1	0.45965	0.6078E-01	1.41017	0.2012E-01	146.0
517	234.0	1700.0	0.1	0.45988	0.6131E-01	1.41026	0.2019E-01	146.0
517	234.5	1700.0	0.1	0.46033	0.6236E-01	1.41020	0.2015E-01	146.0
517	235.0	1700.2	0.1	0.46006	0.6173E-01	1.41041	0.2030E-01	146.1
517	235.5	1699.8	0.1	0.46003	0.6167E-01	1.41048	0.2035E-01	146.0
517	236.0	1700.4	0.1	0.46014	0.6191E-01	1.41050	0.2036E-01	146.0
517	236.5	1700.0	0.1	0.46025	0.6218E-01	1.41051	0.2038E-01	146.1
517	237.0	1699.8	0.1	0.46034	0.6239E-01	1.41053	0.2039E-01	145.7
517	237.5	1699.2	0.1	0.46047	0.6268E-01	1.41068	0.2049E-01	146.2
517	238.0	1699.4	0.1	0.46063	0.6304E-01	1.41067	0.2049E-01	146.0
517	238.5	1698.4	0.1	0.46068	0.6316E-01	1.41073	0.2053E-01	145.9
517	239.0	1698.4	0.1	0.46082	0.6349E-01	1.41088	0.2064E-01	146.1
517	239.5	1699.0	0.1	0.46097	0.6382E-01	1.41085	0.2062E-01	146.0
517	240.0	1699.6	0.1	0.46102	0.6394E-01	1.41093	0.2068E-01	145.9
517	240.5	1699.2	0.1	0.46007	0.6176E-01	1.41087	0.2063E-01	145.7
517	241.0	1699.2	0.1	0.46124	0.6447E-01	1.41109	0.2079E-01	145.8
517	241.5	1699.2	0.1	0.46130	0.6459E-01	1.41110	0.2080E-01	145.9
517	242.0	1698.6	0.1	0.46143	0.6490E-01	1.41109	0.2079E-01	146.0
517	242.5	1700.4	0.1	0.46148	0.6502E-01	1.41114	0.2083E-01	145.9
517	243.0	1698.8	0.1	0.46162	0.6534E-01	1.41122	0.2089E-01	146.0
517	243.5	1699.6	0.1	0.46180	0.6574E-01	1.41126	0.2091E-01	145.9
517	244.0	1699.0	0.1	0.46181	0.6578E-01	1.41129	0.2094E-01	146.0
517	244.5	1699.4	0.1	0.46193	0.6606E-01	1.41144	0.2105E-01	145.9
517	245.0	1699.8	0.1	0.46203	0.6629E-01	1.41139	0.2101E-01	145.8
517	245.5	1700.2	0.1	0.46215	0.6654E-01	1.41141	0.2102E-01	145.8
517	246.0	1700.6	0.1	0.46231	0.6692E-01	1.41151	0.2110E-01	145.9
517	246.5	1699.8	0.1	0.46229	0.6687E-01	1.41150	0.2109E-01	145.9
517	247.0	1700.4	0.1	0.46240	0.6714E-01	1.41165	0.2120E-01	145.9
517	247.5	1699.8	0.1	0.46250	0.6735E-01	1.41159	0.2115E-01	145.8
517	248.0	1699.8	0.1	0.46268	0.6777E-01	1.41154	0.2112E-01	145.6
517	248.5	1700.0	0.1	0.46277	0.6798E-01	1.41171	0.2124E-01	145.8
517	249.0	1699.6	0.1	0.46270	0.6782E-01	1.41169	0.2123E-01	145.9
517	249.5	1699.8	0.1	0.46295	0.6840E-01	1.41162	0.2132E-01	145.8
517	250.0	1700.4	0.1	0.46311	0.6877E-01	1.41183	0.2133E-01	145.9
517	250.5	1700.0	0.1	0.46317	0.6890E-01	1.41199	0.2144E-01	145.9
517	251.0	1700.2	0.1	0.46332	0.6925E-01	1.41204	0.2148E-01	145.9

517	251.5	1699.2	0.1	0.46343	0.6951E-01	1.41203	0.2147E-01	145.9
517	252.0	1700.0	0.1	0.46354	0.6976E-01	1.41211	0.2153E-01	145.9
517	252.5	1699.4	0.1	0.46340	0.6945E-01	1.41217	0.2158E-01	145.8
517	253.0	1699.8	0.1	0.46386	0.7049E-01	1.41231	0.2168E-01	146.0
517	253.5	1700.2	0.1	0.46360	0.7005E-01	1.41210	0.2153E-01	145.9
517	254.0	1700.8	0.1	0.46379	0.7035E-01	1.41227	0.2164E-01	145.9
517	254.5	1699.6	0.1	0.46396	0.7074E-01	1.41226	0.2164E-01	146.0
517	255.0	1700.0	0.1	0.46417	0.7121E-01	1.41247	0.2179E-01	145.2
517	255.5	1699.6	0.1	0.46476	0.7259E-01	1.41240	0.2174E-01	145.6
517	256.0	1700.4	0.1	0.46441	0.7177E-01	1.41251	0.2182E-01	145.5
517	256.5	1700.4	0.1	0.46445	0.7186E-01	1.41264	0.2191E-01	145.8
517	257.0	1701.2	0.1	0.46463	0.7229E-01	1.41266	0.2193E-01	145.6

518	124.0							
518	124.0	1705.6	0.1	0.43663	0.7193E-02	1.39287	0.7288E-02	22.6
518	124.5	1716.6	0.1	0.43672	0.7403E-02	1.39334	0.7629E-02	22.5
518	125.0	1722.2	0.1	0.43682	0.7627E-02	1.39361	0.7824E-02	22.6
518	125.5	1738.4	0.1	0.43686	0.7717E-02	1.39393	0.8053E-02	22.7
518	126.0	1762.0	0.1	0.44081	-0.5237E-01	1.39402	0.8114E-02	22.9
518	126.5	1763.6	0.1	0.43682	0.7620E-02	1.39041	0.5508E-02	22.8
518	127.0	1751.6	0.1	0.43690	0.7807E-02	1.39413	0.8198E-02	22.8
518	127.5	1729.6	0.1	0.43691	0.7822E-02	1.39415	0.8214E-02	22.8
518	128.0	1709.0	0.1	0.43676	0.7493E-02	1.39419	0.8242E-02	22.6
518	128.5	1699.8	0.1	0.43686	0.7717E-02	1.39436	0.8360E-02	47.4
518	129.0	1707.6	0.1	0.43705	0.8166E-02	1.39455	0.8499E-02	101.7
518	129.5	1708.2	0.1	0.43743	0.9033E-02	1.39497	0.8800E-02	103.1
518	130.0	1703.2	0.1	0.43754	0.9287E-02	1.39504	0.8856E-02	103.3
518	130.5	1700.0	0.1	0.43760	0.9422E-02	1.39503	0.8851E-02	103.7
518	131.0	1698.4	0.1	0.43775	0.9781E-02	1.39521	0.8974E-02	103.6
518	131.5	1696.6	0.1	0.43781	0.9915E-02	1.39528	0.9029E-02	103.9
518	132.0	1697.2	0.1	0.43785	0.1000E-01	1.39548	0.9174E-02	103.7
518	132.5	1695.8	0.1	0.43798	0.1030E-01	1.39561	0.9264E-02	103.5
518	133.0	1695.2	0.1	0.43805	0.1045E-01	1.39570	0.9331E-02	103.1
518	133.5	1696.0	0.1	0.43815	0.1064E-01	1.39580	0.9403E-02	102.9
518	134.0	1695.6	0.1	0.43825	0.1092E-01	1.39604	0.9576E-02	102.7
518	134.5	1695.4	0.1	0.43836	0.1117E-01	1.39607	0.9598E-02	102.5
518	135.0	1695.2	0.1	0.43840	0.1128E-01	1.39618	0.9677E-02	102.5
518	135.5	1696.2	0.1	0.43858	0.1169E-01	1.38121	-0.1150E-02	102.3
518	136.0	1695.0	0.1	0.43853	0.1158E-01	1.39647	0.9889E-02	102.3
518	136.5	1696.4	0.1	0.43871	0.1199E-01	1.39647	0.9889E-02	102.3
518	137.0	1696.4	0.1	0.43884	0.1228E-01	1.39662	0.9995E-02	102.4
518	137.5	1696.4	0.1	0.43893	0.1249E-01	1.39669	0.1005E-01	102.3
518	138.0	1698.2	0.1	0.43897	0.1258E-01	1.39679	0.1012E-01	102.1
518	138.5	1698.4	0.1	0.43893	0.1250E-01	1.39678	0.1011E-01	102.1
518	139.0	1697.8	0.1	0.43889	0.1240E-01	1.41747	0.2507E-01	102.0
518	139.5	1698.4	0.1	0.43905	0.1277E-01	1.39695	0.1023E-01	102.0
518	140.0	1698.4	0.1	0.43896	0.1256E-01	1.39703	0.1030E-01	101.9
518	140.5	1698.8	0.1	0.43912	0.1294E-01	1.39713	0.1037E-01	102.1
518	141.0	1698.2	0.1	0.43923	0.1319E-01	1.39728	0.1047E-01	102.0
518	141.5	1697.4	0.1	0.43933	0.1341E-01	1.39740	0.1056E-01	102.0
518	142.0	1698.6	0.1	0.43936	0.1347E-01	1.39744	0.1059E-01	101.9
518	142.5	1698.6	0.1	0.43943	0.1365E-01	1.39741	0.1057E-01	102.0
518	143.0	1699.8	0.1	0.43941	0.1361E-01	1.39753	0.1065E-01	102.0
518	143.5	1699.4	0.1	0.43953	0.1387E-01	1.39755	0.1067E-01	102.0
518	144.0	1699.0	0.1	0.43960	0.1403E-01	1.39753	0.1066E-01	101.8
518	144.5	1697.6	0.1	0.43951	0.1383E-01	1.39772	0.1074E-01	101.9
518	145.0	1697.0	0.1	0.43962	0.1407E-01	1.39772	0.1074E-01	102.0
518	145.5	1696.8	0.1	0.43971	0.1428E-01	1.39775	0.1082E-01	102.0
518	146.0	1696.8	0.1	0.43979	0.1448E-01	1.39785	0.1089E-01	101.9
518	146.5	1696.8	0.1	0.43991	0.1475E-01	1.39791	0.1093E-01	101.9
518	147.0	1697.4	0.1	0.43995	0.1484E-01	1.39794	0.1095E-01	101.8
518	147.5	1699.2	0.2	0.43992	0.1478E-01	1.39800	0.1099E-01	101.8
518	148.0	1698.8	0.1	0.43993	0.1481E-01	1.39810	0.1107E-01	101.8
518	148.5	1698.2	0.1	0.44007	0.1512E-01	1.39816	0.1111E-01	101.7
518	149.0	1697.8	0.1	0.44003	0.1503E-01	1.39823	0.1116E-01	101.9
518	149.5	1698.6	0.1	0.44005	0.1507E-01	1.39826	0.1118E-01	101.8
518	150.0	1699.6	0.1	0.44024	0.1551E-01	1.38235	-0.3236E-03	101.6
518	150.5	1699.6	0.1	0.44022	0.1546E-01	1.39845	0.1132E-01	101.8
518	151.0	1699.2	0.2	0.44024	0.1551E-01	1.39834	0.1124E-01	101.6
518	151.5	1699.0	0.1	0.44026	0.1555E-01	1.39850	0.1136E-01	101.8
518	152.0	1698.6	0.1	0.44032	0.1570E-01	1.39868	0.1144E-01	101.8
518	152.5	1699.0	0.1	0.43955	0.1392E-01	1.39862	0.1144E-01	101.5
518	153.0	1699.2	0.1	0.44054	0.1620E-01	1.39865	0.1146E-01	101.7

518	153.5	1698.8	0.1	0.44053	0.1618E-01	1.39872	0.1151E-01	101.8
518	154.0	1698.8	0.1	0.44059	0.1632E-01	1.39875	0.1154E-01	101.4
518	154.5	1699.0	0.2	0.44061	0.1636E-01	1.39878	0.1156E-01	101.7
518	155.0	1699.0	0.1	0.44066	0.1648E-01	1.39880	0.1157E-01	101.3
518	155.5	1699.2	0.1	0.44074	0.1668E-01	1.39882	0.1159E-01	101.7
518	156.0	1699.2	0.1	0.44083	0.1687E-01	1.39900	0.1172E-01	101.8
518	156.5	1699.2	0.2	0.44080	0.1679E-01	1.39899	0.1171E-01	101.6
518	157.0	1698.6	0.1	0.44081	0.1684E-01	1.39895	0.1168E-01	101.6
518	157.5	1698.8	0.1	0.44085	0.1691E-01	1.39908	0.1177E-01	101.7
518	158.0	1698.4	0.1	0.44083	0.1688E-01	1.39903	0.1174E-01	101.7
518	158.5	1698.2	0.1	0.44102	0.1730E-01	1.39916	0.1184E-01	101.6
518	159.0	1698.2	0.1	0.44100	0.1727E-01	1.39922	0.1188E-01	101.7
518	159.5	1699.0	0.1	0.44094	0.1714E-01	1.39924	0.1189E-01	101.7
518	160.0	1698.0	0.1	0.44108	0.1745E-01	1.39936	0.1198E-01	101.5
518	160.5	1697.4	0.2	0.44113	0.1756E-01	1.39939	0.1200E-01	101.6
518	161.0	1699.0	0.1	0.44112	0.1754E-01	1.39942	0.1202E-01	101.6
518	161.5	1699.0	0.1	0.44116	0.1765E-01	1.39943	0.1203E-01	101.5
518	162.0	1699.6	0.1	0.44120	0.1773E-01	1.39951	0.1209E-01	101.7
518	162.5	1699.8	0.1	0.44122	0.1778E-01	1.39954	0.1211E-01	101.4
518	163.0	1699.8	0.1	0.44131	0.1799E-01	1.39966	0.1220E-01	101.3
518	163.5	1699.6	0.1	0.44137	0.1811E-01	1.39968	0.1221E-01	101.6
518	164.0	1696.8	0.1	0.44135	0.1808E-01	1.39971	0.1223E-01	101.4
518	164.5	1699.2	0.2	0.44140	0.1820E-01	1.39965	0.1219E-01	101.4
518	165.0	1698.8	0.1	0.44135	0.1808E-01	1.39970	0.1223E-01	101.3
518	165.5	1696.6	0.1	0.44140	0.1819E-01	1.39982	0.1231E-01	101.5
518	166.0	1699.0	0.1	0.44150	0.1842E-01	1.39983	0.1232E-01	101.7
518	166.5	1696.6	0.2	0.44159	0.1863E-01	1.39983	0.1232E-01	101.6
518	167.0	1699.2	0.1	0.44155	0.1854E-01	1.39992	0.1238E-01	101.5
518	167.5	1697.8	0.1	0.44157	0.1859E-01	1.39997	0.1242E-01	101.4
518	168.0	1698.2	0.2	0.44165	0.1877E-01	1.39993	0.1239E-01	101.3
518	168.5	1698.4	0.1	0.44169	0.1886E-01	1.39998	0.1243E-01	101.6
518	169.0	1698.2	0.2	0.44162	0.1869E-01	1.40004	0.1247E-01	101.5
518	169.5	1697.6	0.1	0.44163	0.1871E-01	1.40004	0.1247E-01	101.5
518	170.0	1699.0	0.2	0.44171	0.1890E-01	1.40020	0.1259E-01	101.4
518	170.5	1698.4	0.2	0.44181	0.1913E-01	1.40020	0.1258E-01	101.4
518	171.0	1699.8	0.1	0.44182	0.1916E-01	1.40010	0.1251E-01	101.4
518	171.5	1699.2	0.2	0.44185	0.1922E-01	1.40016	0.1256E-01	101.4
518	172.0	1699.8	0.1	0.44190	0.1934E-01	1.40020	0.1259E-01	101.3
518	172.5	1699.6	0.1	0.44191	0.1937E-01	1.40027	0.1264E-01	101.4
518	173.0	1698.6	0.1	0.44185	0.1922E-01	1.40027	0.1264E-01	101.4
518	173.5	1700.0	0.2	0.44190	0.1934E-01	1.40034	0.1268E-01	101.4
518	174.0	1699.0	0.1	0.44193	0.1940E-01	1.40034	0.1268E-01	101.4
518	174.5	1699.0	0.1	0.44198	0.1952E-01	1.40044	0.1276E-01	101.3
518	175.0	1699.4	0.2	0.44201	0.1961E-01	1.40047	0.1276E-01	101.1
518	175.5	1698.4	0.1	0.44207	0.1973E-01	1.40048	0.1279E-01	101.4
518	176.0	1696.6	0.2	0.44213	0.1988E-01	1.40049	0.1280E-01	101.4
518	176.5	1696.8	0.1	0.44208	0.1976E-01	1.40058	0.1286E-01	101.4
518	177.0	1697.8	0.2	0.44215	0.1992E-01	1.40058	0.1286E-01	101.2
518	177.5	1696.4	0.1	0.44218	0.2000E-01	1.40063	0.1290E-01	101.1
518	178.0	1697.8	0.1	0.44218	0.1998E-01	1.40061	0.1289E-01	101.2
518	178.5	1697.2	0.2	0.44222	0.2008E-01	1.40071	0.1295E-01	101.4
518	179.0	1697.8	0.2	0.44228	0.2022E-01	1.40072	0.1296E-01	101.0
518	179.5	1698.2	0.2	0.44224	0.2013E-01	1.40072	0.1296E-01	101.2
518	180.0	1698.2	0.1	0.44227	0.2020E-01	1.40081	0.1303E-01	101.1
518	180.5	1698.2	0.2	0.44233	0.2032E-01	1.40084	0.1305E-01	101.3
518	181.0	1698.6	0.1	0.44225	0.2016E-01	1.40085	0.1305E-01	101.3
518	181.5	1698.2	0.1	0.44235	0.2038E-01	1.40095	0.1313E-01	101.1
518	182.0	1698.0	0.2	0.44243	0.2056E-01	1.40090	0.1309E-01	101.1
518	182.5	1698.2	0.2	0.44238	0.2046E-01	1.40096	0.1314E-01	101.2
518	183.0	1698.4	0.2	0.44244	0.2059E-01	1.40103	0.1319E-01	101.3

518	183.5	1699.0	0.1	0.44255	0.2083E-01	1.40095	0.1313E-01	101.
518	184.0	1698.6	0.2	0.44246	0.2064E-01	1.40115	0.1327E-01	101.3
518	184.5	1699.2	0.2	0.44261	0.2098E-01	1.40114	0.1326E-01	101.1
518	185.0	1699.0	0.1	0.44257	0.2084E-01	1.40119	0.1330E-01	101.1
518	185.5	1698.0	0.2	0.44255	0.2083E-01	1.40114	0.1326E-01	101.3
518	186.0	1700.0	0.2	0.44264	0.2116E-01	1.40125	0.1334E-01	101.2
518	186.5	1698.8	0.2	0.44258	0.2091E-01	1.40122	0.1333E-01	101.1
518	187.0	1699.0	0.1	0.44271	0.2122E-01	1.40127	0.1336E-01	101.2
518	187.5	1698.6	0.2	0.44268	0.2113E-01	1.40133	0.1340E-01	101.2
518	188.0	1699.0	0.2	0.44273	0.2127E-01	1.40136	0.1343E-01	101.1
518	188.5	1698.8	0.1	0.44268	0.2115E-01	1.40134	0.1341E-01	101.1
518	189.0	1698.8	0.1	0.44282	0.2148E-01	1.41641	0.2575E-01	101.1
518	189.5	1699.4	0.2	0.44282	0.2146E-01	1.40135	0.1342E-01	101.1
518	190.0	1699.4	0.1	0.44281	0.2145E-01	1.40138	0.1344E-01	101.2
518	190.5	1699.4	0.2	0.44288	0.2161E-01	1.40152	0.1354E-01	101.1
518	191.0	1700.0	0.1	0.44286	0.2157E-01	1.40151	0.1353E-01	101.0
518	191.5	1700.0	0.2	0.44291	0.2167E-01	1.40154	0.1355E-01	100.9
518	192.0	1699.4	0.2	0.44282	0.2148E-01	1.40152	0.1354E-01	101.3
518	192.5	1700.2	0.2	0.42663	-0.1588E-01	1.40160	0.1360E-01	101.1
518	193.0	1699.2	0.2	0.44290	0.2164E-01	1.40166	0.1364E-01	101.1
518	193.5	1698.4	0.1	0.44305	0.2200E-01	1.40169	0.1367E-01	101.3
518	194.0	1698.6	0.2	0.44309	0.2209E-01	1.40167	0.1365E-01	101.2
518	194.5	1699.2	0.2	0.44301	0.2189E-01	1.40163	0.1362E-01	101.1
518	195.0	1699.6	0.1	0.44311	0.2213E-01	1.40175	0.1371E-01	101.3
518	195.5	1698.8	0.2	0.44302	0.2192E-01	1.40178	0.1373E-01	101.2
518	196.0	1699.6	0.2	0.44306	0.2201E-01	1.40179	0.1374E-01	101.1
518	196.5	1699.6	0.2	0.44312	0.2216E-01	1.40178	0.1373E-01	101.1
518	197.0	1699.6	0.1	0.44318	0.2230E-01	1.40183	0.1377E-01	101.2
518	197.5	1699.8	0.2	0.44313	0.2217E-01	1.40180	0.1374E-01	101.1
518	198.0	1701.0	0.2	0.44317	0.2228E-01	1.40186	0.1378E-01	101.1
518	198.5	1700.6	0.1	0.44319	0.2231E-01	1.40193	0.1384E-01	101.0
518	199.0	1701.2	0.2	0.44328	0.2252E-01	1.40199	0.1386E-01	100.8
518	199.5	1700.0	0.2	0.44325	0.2246E-01	1.40196	0.1386E-01	101.1
518	200.0	1698.6	0.1	0.44333	0.2264E-01	1.40204	0.1392E-01	101.1
518	200.5	1699.6	0.1	0.44330	0.2257E-01	1.40209	0.1395E-01	101.0
518	201.0	1699.4	0.1	0.44339	0.2278E-01	1.40215	0.1400E-01	101.0
518	201.5	1699.6	0.2	0.44334	0.2267E-01	1.40217	0.1401E-01	101.1
518	202.0	1700.6	0.2	0.44347	0.2297E-01	1.40225	0.1407E-01	101.1
518	202.5	1700.4	0.2	0.44349	0.2302E-01	1.40233	0.1413E-01	101.0
518	203.0	1700.4	0.2	0.44344	0.2290E-01	1.40228	0.1409E-01	101.1
518	203.5	1699.4	0.1	0.44345	0.2291E-01	1.40227	0.1406E-01	100.7
518	204.0	1699.4	0.2	0.44343	0.2288E-01	1.40231	0.1411E-01	100.8
518	204.5	1699.0	0.1	0.44351	0.2306E-01	1.40235	0.1414E-01	101.1
518	205.0	1700.2	0.1	0.44352	0.2309E-01	1.40227	0.1409E-01	101.1
518	205.5	1701.0	0.2	0.44352	0.2309E-01	1.40238	0.1416E-01	100.8
518	206.0	1700.0	0.1	0.44351	0.2305E-01	1.40231	0.1411E-01	100.9
518	206.5	1700.4	0.2	0.44360	0.2327E-01	1.40248	0.1424E-01	101.1
518	207.0	1699.2	0.1	0.44365	0.2339E-01	1.40243	0.1420E-01	101.0
518	207.5	1699.6	0.2	0.44368	0.2345E-01	1.40246	0.1422E-01	101.0
518	208.0	1699.2	0.2	0.44375	0.2361E-01	1.40253	0.1427E-01	101.0
518	208.5	1699.8	0.1	0.44358	0.2323E-01	1.40250	0.1425E-01	101.0
518	209.0	1699.4	0.2	0.44360	0.2326E-01	1.40244	0.1421E-01	100.9
518	209.5	1700.0	0.2	0.44378	0.2369E-01	1.40253	0.1427E-01	100.9
518	210.0	1699.2	0.2	0.44376	0.2364E-01	1.40261	0.1433E-01	101.0
518	210.5	1698.8	0.1	0.44391	0.2397E-01	1.40264	0.1435E-01	100.9
518	211.0	1697.8	0.2	0.44380	0.2372E-01	1.40265	0.1436E-01	101.1
518	211.5	1697.4	0.2	0.44383	0.2379E-01	1.40270	0.1439E-01	101.1
518	212.0	1698.0	0.1	0.44376	0.2363E-01	1.40264	0.1435E-01	100.8
518	212.5	1698.4	0.2	0.44383	0.2379E-01	1.40270	0.1439E-01	101.0
518	213.0	1698.8	0.2	0.44387	0.2388E-01	1.40279	0.1446E-01	100.8

518	213.5	1698.4	0.2	0.44391	0.2397E-01	1.40283	0.1449E-01	101.0
518	214.0	1699.4	0.1	0.44397	0.2411E-01	1.40278	0.1445E-01	101.0
518	214.5	1699.0	0.2	0.44391	0.2399E-01	1.40281	0.1448E-01	100.9
518	215.0	1698.6	0.2	0.44404	0.2428E-01	1.40275	0.1443E-01	101.0
518	215.5	1698.8	0.1	0.44399	0.2415E-01	1.40282	0.1448E-01	101.0
518	216.0	1698.8	0.2	0.44406	0.2432E-01	1.40286	0.1451E-01	100.7
518	216.5	1699.8	0.2	0.44400	0.2420E-01	1.40288	0.1453E-01	100.6
518	217.0	1699.6	0.2	0.44408	0.2436E-01	1.40299	0.1460E-01	100.8
518	217.5	1700.0	0.2	0.44407	0.2435E-01	1.40293	0.1456E-01	100.9
518	218.0	1699.4	0.1	0.44412	0.2447E-01	1.40293	0.1456E-01	101.0
518	218.5	1698.2	0.2	0.44414	0.2451E-01	1.40296	0.1459E-01	100.9
518	219.0	1699.8	0.2	0.44403	0.2426E-01	1.40299	0.1460E-01	100.8
518	219.5	1699.0	0.2	0.44417	0.2457E-01	1.40300	0.1461E-01	101.0
518	220.0	1698.6	0.2	0.44417	0.2459E-01	1.40307	0.1466E-01	100.9
518	220.5	1698.4	0.2	0.44415	0.2454E-01	1.40298	0.1459E-01	100.9
518	221.0	1698.4	0.2	0.44425	0.2476E-01	1.40310	0.1468E-01	101.0
518	221.5	1698.8	0.1	0.44425	0.2477E-01	1.40306	0.1465E-01	100.9
518	222.0	1698.2	0.2	0.44419	0.2463E-01	1.40310	0.1466E-01	100.7
518	222.5	1696.8	0.2	0.44418	0.2460E-01	1.40302	0.1463E-01	101.0
518	223.0	1697.4	0.2	0.44424	0.2475E-01	1.40311	0.1469E-01	100.8
518	223.5	1696.8	0.2	0.44423	0.2472E-01	1.40314	0.1471E-01	100.8
518	224.0	1698.2	0.2	0.44419	0.2462E-01	1.40328	0.1482E-01	100.7
518	224.5	1699.4	0.2	0.44432	0.2493E-01	1.40320	0.1475E-01	100.7
518	225.0	1699.2	0.2	0.44424	0.2475E-01	1.40314	0.1472E-01	100.9
518	225.5	1698.8	0.1	0.44446	0.2524E-01	1.40334	0.1486E-01	100.8
518	226.0	1698.2	0.2	0.44435	0.2501E-01	1.40325	0.1479E-01	101.0
518	226.5	1700.6	0.2	0.44445	0.2521E-01	1.40332	0.1484E-01	100.9
518	227.0	1699.6	0.2	0.44442	0.2515E-01	1.40336	0.1487E-01	101.0
518	227.5	1700.4	0.2	0.44439	0.2508E-01	1.40331	0.1483E-01	100.7
518	228.0	1699.0	0.2	0.44434	0.2496E-01	1.40339	0.1484E-01	100.8
518	228.5	1698.8	0.2	0.44438	0.2507E-01	1.40345	0.1494E-01	101.0
518	229.0	1698.6	0.1	0.44449	0.2532E-01	1.40348	0.1496E-01	100.2
518	229.5	1698.6	0.2	0.44452	0.2534E-01	1.40341	0.1491E-01	100.8
518	230.0	1698.2	0.2	0.44448	0.2530E-01	1.40348	0.1496E-01	100.8
518	230.5	1697.2	0.2	0.44448	0.2529E-01	1.40350	0.1497E-01	100.6
518	231.0	1697.6	0.2	0.44463	0.2565E-01	1.40353	0.1499E-01	100.9
518	231.5	1698.8	0.2	0.44459	0.2554E-01	1.40352	0.1499E-01	100.8
518	232.0	1699.8	0.2	0.44468	0.2576E-01	1.40364	0.1507E-01	100.8
518	232.5	1700.2	0.1	0.44469	0.2578E-01	1.40365	0.1508E-01	100.7
518	233.0	1699.0	0.2	0.44480	0.2602E-01	1.40379	0.1516E-01	100.9
518	233.5	1697.8	0.2	0.44448	0.2530E-01	1.40357	0.1502E-01	100.8
518	234.0	1697.2	0.2	0.44473	0.2587E-01	1.40362	0.1506E-01	100.7
518	234.5	1697.2	0.2	0.44468	0.2575E-01	1.40363	0.1507E-01	100.9
518	235.0	1697.8	0.2	0.44465	0.2569E-01	1.40378	0.1517E-01	100.6
518	235.5	1698.8	0.2	0.44473	0.2587E-01	1.40379	0.1516E-01	100.4
518	236.0	1699.8	0.1	0.44465	0.2568E-01	1.40379	0.1516E-01	100.8
518	236.5	1698.2	0.2	0.44472	0.2586E-01	1.40371	0.1512E-01	100.9
518	237.0	1699.2	0.2	0.44482	0.2608E-01	1.40375	0.1516E-01	100.8
518	237.5	1699.8	0.2	0.44482	0.2607E-01	1.40389	0.1525E-01	100.8
518	238.0	1700.8	0.2	0.44622	0.2931E-01	1.40378	0.1517E-01	100.7
518	238.5	1700.0	0.2	0.44611	0.2904E-01	1.40378	0.1517E-01	100.8
518	239.0	1700.0	0.2	0.44627	0.2943E-01	1.40385	0.1522E-01	100.9
518	239.5	1700.4	0.2	0.44486	0.2617E-01	1.40384	0.1526E-01	100.7
518	240.0	1700.6	0.2	0.44496	0.2641E-01	1.40396	0.1531E-01	100.8
518	240.5	1699.8	0.2	0.44494	0.2635E-01	1.40398	0.1532E-01	100.8
518	241.0	1698.4	0.2	0.44492	0.2631E-01	1.40409	0.1540E-01	100.6
518	241.5	1699.8	0.2	0.44492	0.2631E-01	1.40394	0.1529E-01	100.6
518	242.0	1700.4	0.1	0.44506	0.2664E-01	1.40408	0.1539E-01	100.6
518	242.5	1700.8	0.2	0.44494	0.2637E-01	1.40405	0.1537E-01	100.9
518	243.0	1701.0	0.2	0.44496	0.2641E-01	1.40400	0.1534E-01	100.8

518	243.5	1701.0	0.2	0.44505	0.2661E-01	1.40418	0.1546E-01	100.7
518	244.0	1700.2	0.2	0.44494	0.2635E-01	1.40410	0.1541E-01	100.6
518	244.5	1700.0	0.2	0.44502	0.2653E-01	1.40412	0.1542E-01	100.7
518	245.0	1698.8	0.2	0.44507	0.2667E-01	1.40422	0.1549E-01	100.6
518	245.5	1700.0	0.2	0.44509	0.2671E-01	1.40411	0.1541E-01	101.0
518	246.0	1700.4	0.2	0.44523	0.2702E-01	1.40416	0.1545E-01	100.7
518	246.5	1700.6	0.2	0.44521	0.2698E-01	1.40413	0.1543E-01	100.7
518	247.0	1700.8	0.2	0.44514	0.2681E-01	1.40416	0.1545E-01	100.7
518	247.5	1698.8	0.2	0.44527	0.2711E-01	1.40428	0.1554E-01	100.6
518	248.0	1699.6	0.2	0.44526	0.2708E-01	1.40424	0.1551E-01	100.7
518	248.5	1699.0	0.2	0.44524	0.2704E-01	1.40429	0.1555E-01	100.5
518	249.0	1700.2	0.2	0.44529	0.2717E-01	1.40430	0.1555E-01	100.6

C.6 : 1800°F Biaxial Constant Pressure Strain Data
(In 20% O₂ - 80% Ar 1 atm)

**THIS PAGE
WAS INTENTIONALLY
LEFT BLANK**

LENGTH 1800 F OXY BIAXIAL TRUE 1978

.50	1419.34	.001163	1.00	1465.81	.001466
1.50	1491.49	.002278	2.00	1529.03	.003127
2.50	1579.91	.004206	3.00	1644.55	.005455
3.50	1726.87	.007234	4.00	1846.72	.009012
4.50	2046.65	.011639	5.00	2536.24	.015073
5.50	202.93	1.000000	6.00	183.83	1.000000
6.50	186.61	.003347	7.00	187.01	.003177
7.50	187.72	.013497	8.00	187.72	.013637
8.50	188.02	.013597	9.00	188.23	.013817
9.50	188.63	.013837	10.00	34.55	.014033
.50	388.44	.000319	1.00	413.36	.000475
1.50	420.69	.000566	2.00	421.28	.000712
2.50	419.92	.000815	3.00	418.76	.000848
3.50	420.39	.001004	4.00	420.52	.001074
4.50	419.24	.001139	5.00	419.35	.001306
5.50	420.27	.001323	6.00	419.10	.001463
6.50	416.95	.001524	7.00	417.50	.001599
7.50	417.22	.001659	8.00	415.41	.001756
8.50	416.74	.001766	9.00	416.13	.001746
9.50	416.90	.001896	10.00	414.27	.001926
20.00	416.49	.003016	30.00	416.97	.003845
40.00	418.42	.004505	50.00	419.80	.004945
60.00	417.44	.005335	70.00	421.10	.005765
80.00	420.90	.006055	90.00	422.69	.006405
100.00	422.34	.006525	110.00	422.68	.006725
120.00	420.96	.006945			
.50	601.69	.000267	1.00	625.53	.000437
1.50	649.38	.000614	2.00	672.22	.000694
2.50	688.59	.000754	3.00	693.97	.000767
3.50	699.48	.000872	4.00	701.11	.000884
4.50	699.76	.000974	5.00	701.56	.000974
5.50	703.06	.001011	6.00	704.88	.001084
6.50	704.23	.001139	7.00	701.72	.001181
7.50	700.81	.001219	8.00	700.34	.001201
8.50	701.40	.001260	9.00	701.50	.001258
9.50	697.29	.001311	10.00	695.66	.001332
20.00	693.53	.001782	30.00	681.88	.002271
40.00	684.79	.002461	50.00	684.17	.002911
60.00	683.76	.003103	70.00	687.28	.003374
80.00	681.40	.003592	90.00	687.20	.003791
100.00	688.79	.004434	110.00	690.85	.004234
.50	721.21	.000624	1.00	745.39	.000578
1.50	768.88	.000606	2.00	792.77	.000713
2.50	813.35	.000620	3.00	830.05	.000811
3.50	836.32	.000892	4.00	837.67	.001024
4.50	836.56	.001096	5.00	838.46	.001140
5.50	835.32	.001194	6.00	833.47	.001284
6.50	831.47	.001299	7.00	830.48	.001228
7.50	829.46	.001385	8.00	827.07	.001415
8.50	827.18	.001445	9.00	825.64	.001501
9.50	826.29	.001514	10.00	826.53	.001521
20.00	827.90	.002517	30.00	836.39	.003417
40.00	802.41	.004307	50.00	877.11	.005154
60.00	886.00	.006018	70.00	905.53	.006987
80.00	954.49	.007584	90.00	990.73	.007406
100.00	583.51	.006337	110.00	604.19	.006638

120.00	610.94	.006866	.50	898.18	.000563
1.00	928.04	.000773	1.50	951.59	.000947
2.00	975.35	.000985	2.50	999.18	.001114
3.00	1022.62	.001289	3.50	1040.65	.001280
4.00	1046.35	.001251	4.50	1046.62	.001341
5.00	1048.15	.001377	5.50	1047.14	.001478
6.00	1048.75	.001547	6.50	1046.01	.001540
7.00	1048.38	.001767	7.50	1047.55	.001845
8.00	1046.72	.002010	8.50	1050.81	.002051
9.00	1050.67	.002158	9.50	1053.31	.002229
10.00	1055.68	.002359	20.00	1181.01	.003128
30.00	97.90	.005224	.50	1151.27	.000176
1.00	1184.14	.001296	1.50	1217.58	.001136
2.00	1237.46	.009850	2.50	1283.84	.001015
3.00	1306.43	.001072	3.50	1323.69	.000713
4.00	1347.58	.000632	4.50	1377.83	.002482
5.00	1402.33	.000410	5.50	1434.73	.000308
6.00	1479.23	.000244	6.50	1527.76	.000379
7.00	1588.20	.000239	7.50	1669.99	.000238
8.00	1769.97	.000661	8.50	178.12	.006263
9.00	114.67	.007988	9.50	122.96	.008420
10.00	124.98	.008248			

DIAMETER 1800 F UXY BIAXIAL TRUE 1978

.50	1419.34	.004769	1.00	1465.81	.009051
1.50	1491.49	.016388	2.00	1529.03	.026833
2.50	1579.91	.040497	3.00	1644.55	.057799
3.50	1726.87	.080639	4.00	1846.72	.111425
4.50	2046.65	.156102	5.00	2536.24	.247759
5.50	202.93	1.000000	6.00	183.83	1.000000
6.50	186.61	1.000000	7.00	187.01	1.000000
7.50	187.72	1.000000	8.00	187.72	1.000000
8.50	188.02	1.000000	9.00	188.23	1.000000
9.50	188.63	1.000000	10.00	34.55	1.000000
.50	388.44	.001453	1.00	413.36	.000064
1.50	420.69	.002088	2.00	421.28	.001924
2.50	419.92	.001697	3.00	418.76	.002232
3.50	420.39	.000579	4.00	420.52	.000225
4.50	419.24	.000986	5.00	419.35	.000300
5.50	420.27	.000162	6.00	419.10	.000042
6.50	416.95	.000495	7.00	417.50	.001046
7.50	417.22	.001433	8.00	415.41	.001627
8.50	416.74	.001597	9.00	416.13	.001672
9.50	416.90	.001701	10.00	414.27	.001761
20.00	416.49	.002864	30.00	416.97	.004413
40.00	418.42	.005620	50.00	419.80	.006859
60.00	417.44	.004160	70.00	421.10	.007909
80.00	420.90	.007560	90.00	422.69	.008539
100.00	422.34	.008839	110.00	422.68	.009819
120.00	420.96	.010089			
.50	601.69	.000871	1.00	625.53	.001675
1.50	649.38	.002694	2.00	672.22	.004153
2.50	688.59	.003529	3.00	693.97	.004008
3.50	699.48	.002507	4.00	701.11	.003878
4.50	699.76	.002717	5.00	701.56	.002575
5.50	703.06	.003227	6.00	704.88	.004697
6.50	704.23	.004967	7.00	701.72	.004146
7.50	700.81	.004198	8.00	700.34	.004258
8.50	701.40	.004727	9.00	701.50	.004617
9.50	697.29	.004488	10.00	695.66	.003189
20.00	693.53	.005249	30.00	681.88	.005051
40.00	684.79	.007741	50.00	684.17	.007221
60.00	683.76	.007490	70.00	687.28	.010749
80.00	681.40	.007831	90.00	687.20	.006970
100.00	688.79	.010979	110.00	690.85	.010829
.50	721.21	.001763	1.00	745.39	.002350
1.50	768.88	.003157	2.00	792.77	.003534
2.50	813.35	.003692	3.00	830.05	.004349
3.50	836.32	.005008	4.00	837.67	.005259
4.50	836.56	.005528	5.00	838.46	.006038
5.50	835.32	.006378	6.00	833.47	.006679
6.50	831.47	.006799	7.00	830.48	.007039
7.50	829.46	.007149	8.00	827.07	.007789
8.50	827.18	.008089	9.00	825.64	.008450
9.50	826.29	.008300	10.00	826.53	.008930
20.00	827.90	.014370	30.00	836.39	.020108
40.00	807.41	.003183	50.00	877.11	.035423
60.00	886.00	.041639	70.00	905.53	.051947
80.00	954.49	.071280	90.00	990.73	.088463
100.00	583.51	.089200	110.00	604.19	.097866

120.00	610.94	.098666	.50	898.18	.001525
1.00	928.04	.002607	1.50	951.59	.003541
2.00	975.35	.003698	2.50	999.18	.004234
3.00	1022.62	.004589	3.50	1040.65	.005387
4.00	1046.35	.005807	4.50	1046.62	.006316
5.00	1048.15	.006846	5.50	1047.14	.007567
6.00	1048.75	.008648	6.50	1046.01	.009647
7.00	1048.38	.010536	7.50	1047.55	.011656
8.00	1046.72	.012647	8.50	1050.81	.014216
9.00	1050.67	.015366	9.50	1053.31	.016566
10.00	1055.68	.018045	20.00	1181.01	.069556
30.00	97.90	1.000000	.50	1151.27	.001343
1.00	1184.14	.003107	1.50	1217.58	.005132
2.00	1237.46	.008347	2.50	1283.84	.012945
3.00	1306.43	.018240	3.50	1323.64	.024627
4.00	1347.88	.032254	4.50	1377.83	.041810
5.00	1402.33	.052018	5.50	1434.73	.063631
6.00	1479.23	.077935	6.50	1527.76	.093428
7.00	1588.20	.112420	7.50	1669.99	.136209
8.00	1769.97	.163996	8.50	178.12	1.000000
9.00	114.67	1.000000	9.50	122.96	1.000000
10.00	124.98	1.000000			

SPLINE,P2,T100.
ACCOUNT,PBP652,BATN*.
ATTACH(OLDLGO,SPLINELGO,IDEKBSBNN)
OLDLGO.

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*
.01      20.
      LENGTH      1800 F OXY BIAxIAL      ENGR 1978
2
-4.60500E+00 4.78800E+00 0.      0.      0.      0.      2
2
0.      1.46600E+03 0.      0.      0.      0.      3
      .50      413.36      .000319      1.00      413.36      .000475
      1.50      413.36      .000566      2.00      413.36      .000712
      2.50      413.36      .000815      3.00      413.36      .000848
      3.50      413.36      .001004      4.00      413.36      .001074
      4.50      413.36      .001139      5.00      413.36      .001306
      5.50      413.36      .001323      6.00      413.36      .001463
      6.50      413.36      .001524      7.00      413.36      .001599
      7.50      413.36      .001659      8.00      413.36      .001756
      8.50      413.36      .001766      9.00      413.36      .001746
      9.50      413.36      .001896      10.00      413.36      .001926
      20.00      413.36      .003016      30.00      413.36      .003845
      40.00      413.36      .004505      50.00      413.36      .004945
      60.00      413.36      .005335      70.00      413.36      .005765
      80.00      413.36      .006055      90.00      413.36      .006405
      100.00      413.36      .006525      110.00      413.36      .006725
      120.00      413.36      .006945      .50      601.70      .000268
      1.00      625.53      .000439      1.50      625.53      .000615
      2.00      625.53      .000695      2.50      625.53      .000755
      3.00      625.53      .000768      3.50      625.53      .000873
      4.00      625.53      .000885      4.50      625.53      .000975
      5.00      625.53      .000975      5.50      625.53      .001012
      6.00      625.53      .001085      6.50      625.53      .001140
      7.00      625.53      .001182      7.50      625.53      .001220
      8.00      625.53      .001202      8.50      625.53      .001261
      9.00      625.53      .001259      9.50      625.53      .001312
      10.00      625.53      .001333      20.00      625.53      .001783
      30.00      625.53      .002272      40.00      625.53      .002462
      50.00      625.53      .002913      60.00      625.53      .003104
      70.00      625.53      .003375      80.00      625.53      .003593
      90.00      625.53      .003792      100.00      625.53      .004000
      110.00      625.53      .004235      .50      721.21      .000625
      1.00      745.40      .000579      1.50      745.40      .000607
      2.00      745.40      .000715      2.50      745.40      .000830
      3.00      745.40      .000813      3.50      745.40      .000893
      4.00      745.40      .001026      4.50      745.40      .001098
      5.00      745.40      .001141      5.50      745.40      .001195
      6.00      745.40      .001286      6.50      745.40      .001301
      7.00      745.40      .001345      7.50      745.40      .001386
      8.00      745.40      .001417      8.50      745.40      .001446
      9.00      745.40      .001502      9.50      745.40      .001516
      10.00      745.40      .001522      20.00      745.40      .002518
      30.00      745.40      .003418      40.00      745.40      .004306
      50.00      745.40      .005155      60.00      745.40      .006019
      70.00      745.40      .006988      80.00      745.40      .007566
      90.00      745.40      .007407      0.00      0.00      0.000000
      .50      928.05      .000564      1.00      928.05      .000775
      1.50      928.05      .000949      2.00      928.05      .000987
      2.50      928.05      .001116      3.00      928.05      .001291
      3.50      928.05      .001281      4.00      928.05      .001252

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4.50	928.05	.001343	5.00	928.05	.001379
5.50	928.05	.001480	6.00	928.05	.001549
6.50	928.05	.001542	7.00	928.05	.001769
7.50	928.05	.001846	8.00	928.05	.002012
8.50	928.05	.002053	9.00	928.05	.002160
9.50	928.05	.002231	10.00	928.05	.002360
20.00	928.05	.003129	0.00	0.00	0.000000
.50	1465.81	.001163	1.00	1465.81	.001466
1.50	1465.81	.002278	2.00	1465.81	.003127
2.50	1465.81	.004206	3.00	1465.81	.005455
3.50	1465.81	.007234	4.00	1465.81	.009012
4.50	1465.81	.011639	5.00	1465.81	.015073

SPLINE,P2,T100.
 ACCOUNT,PBP652,HATN.
 ATTACH(OLDLGO,SPLINELGO,ID=KBSBN*)
 OLDLGO.

* .001 20.
 DIAMETER 1800 P OXY BIAXIAL ENGR 1978

6
 4.60500E+00 9.10000E-01 1.80000E+00 2.48500E+00 3.41000E+00 4.78800E+00

5
 0. 4.13400E+02 6.25600E+02 9.28100E+02 2.40010E+03 0.

1.00	200.00	.000005	2.00	200.00	.000008
3.00	200.00	.000011	4.00	200.00	.000013
5.00	200.00	.000016	10.00	200.00	.000029
15.00	200.00	.000045	20.00	200.00	.000064
25.00	200.00	.000082	30.00	200.00	.000099
35.00	200.00	.000114	40.00	200.00	.000127
45.00	200.00	.000136	50.00	200.00	.000144
55.00	200.00	.000149	60.00	200.00	.000152
65.00	200.00	.000154	70.00	200.00	.000156
75.00	200.00	.000157	80.00	200.00	.000157
85.00	200.00	.000158	90.00	200.00	.000158
95.00	200.00	.000159	100.00	200.00	.000160
105.00	200.00	.000160	110.00	200.00	.000161
115.00	200.00	.000163	120.00	200.00	.000164
1.00	413.36	.000061	2.00	413.36	.000147
3.00	413.36	.000249	4.00	413.36	.000365
5.00	413.36	.000491	10.00	413.36	.001258
15.00	413.36	.002194	20.00	413.36	.003210
25.00	413.36	.004145	30.00	413.36	.004888
35.00	413.36	.005412	40.00	413.36	.005800
45.00	413.36	.006129	50.00	413.36	.006450
55.00	413.36	.006791	60.00	413.36	.007142
65.00	413.36	.007490	70.00	413.36	.007826
75.00	413.36	.008143	80.00	413.36	.008435
85.00	413.36	.008698	90.00	413.36	.008930
95.00	413.36	.009124	100.00	413.36	.009293
105.00	413.36	.009424	110.00	413.36	.009521
115.00	413.36	.009585	120.00	413.36	.009617
1.00	625.53	.001508	2.00	625.53	.002907
3.00	625.53	.003726	4.00	625.53	.004146
5.00	625.53	.004315	10.00	625.53	.004348
15.00	625.53	.004877	20.00	625.53	.005570
25.00	625.53	.006236	30.00	625.53	.006819
35.00	625.53	.007299	40.00	625.53	.007673
45.00	625.53	.007447	50.00	625.53	.008128
55.00	625.53	.008233	60.00	625.53	.008301
65.00	625.53	.008363	70.00	625.53	.008440
75.00	625.53	.008545	80.00	625.53	.008687
85.00	625.53	.008671	90.00	625.53	.009102
95.00	625.53	.009384	100.00	625.53	.009721
105.00	625.53	.010116	110.00	625.53	.010574
115.00	625.53	.011099	120.00	625.53	.011698
.50	745.39	.001763	1.00	745.39	.002350
1.50	745.39	.003157	2.00	745.39	.003534
2.50	745.39	.003692	3.00	745.39	.004349
3.50	745.39	.005008	4.00	745.39	.005259
4.50	745.39	.005528	5.00	745.39	.006038
5.50	745.39	.006378	6.00	745.39	.006679
6.50	745.39	.006799	7.00	745.39	.007039

2
3
4
5

7.50	745.39	.007149	8.00	745.39	.007789
8.50	745.39	.008089	9.00	745.39	.008450
9.50	745.39	.008300	10.00	745.39	.008930
20.00	745.39	.014370	30.00	745.39	.020108
40.00	745.39	.027500	50.00	745.39	.037000
60.00	745.39	.047000	70.00	745.39	.058500
80.00	745.39	.071288	90.00	745.39	.088471
100.00	745.39	.103000	110.00	745.39	.123000
120.00	745.39	.147000			
1.00	928.04	.002607	.50	928.04	.001525
2.00	928.04	.003698	1.50	928.04	.003541
3.00	928.04	.004589	2.50	928.04	.004234
4.00	928.04	.005807	3.50	928.04	.005387
5.00	928.04	.006846	4.50	928.04	.006316
6.00	928.04	.008648	5.50	928.04	.007567
7.00	928.04	.010536	6.50	928.04	.009647
8.00	928.04	.012647	7.50	928.04	.011656
9.00	928.04	.015366	8.50	928.04	.014216
10.00	928.04	.018045	9.50	928.04	.016566
30.00	928.04	.225000	20.00	928.04	.069556
50.00	928.04	.560000	40.00	928.04	.385000
70.00	928.04	.980000	60.00	928.04	.760000
90.00	928.04	1.480000	80.00	928.04	1.220
110.00	928.04	2.060000	100.00	928.04	1.760000
			120.00	928.04	2.380000
1.00	1184.14	.003107	.50	1184.14	.001343
2.00	1184.14	.008347	1.50	1184.14	.005132
3.00	1184.14	.018240	2.50	1184.14	.012945
4.00	1184.14	.032254	3.50	1184.14	.024627
5.00	1184.14	.052016	4.50	1184.14	.041810
6.00	1184.14	.077935	5.50	1184.14	.063631
7.00	1184.14	.112420	6.50	1184.14	.093428
8.00	1184.14	.163996	7.50	1184.14	.136209
9.00	1184.14	.245000	8.50	1184.14	.200000
10.00	1184.14	.370000	9.50	1184.14	.295000
30.00	1184.14	2.050	20.00	1184.14	1.130
50.00	1184.14	4.80	40.00	1184.14	3.250
70.00	1184.14	9.30	60.00	1184.14	6.70
90.00	1184.14	16.2	80.00	1184.14	12.3
110.00	1184.14	26.7	100.00	1184.14	21.0
.50	1465.81	.004768	120.00	1184.14	34.0
1.50	1465.81	.016388	1.00	1465.81	.009051
2.50	1465.81	.040497	2.00	1465.81	.026833
3.50	1465.81	.080639	3.00	1465.81	.057799
4.50	1465.81	.156102	4.00	1465.81	.111425
5.50	1465.81	.270000	5.00	1465.81	.247759
6.50	1465.81	.500000	6.00	1465.81	.370000
7.50	1465.81	.740000	7.00	1465.81	.630000
8.50	1465.81	1.170000	8.00	1465.81	.930000
9.50	1465.81	1.790000	9.00	1465.81	1.470000
20.00	1465.81	11.2	10.00	1465.81	2.350000
40.00	1465.81	36.5	30.00	1465.81	21.9
60.00	1465.81	85.0	50.00	1465.81	57.5
100.00	1465.81	315.0	90.00	1465.81	225.0
1.00	2400.0	.0200	120.00	1465.81	570.0
3.00	2400.0	.710	2.00	2400.0	1.000
5.00	2400.0	12.4	4.00	2400.0	3.25
7.00	2400.0	48.0	6.00	2400.0	24.0
9.00	2400.0	175.0	8.00	2400.0	91.0
			10.00	2400.0	280.0

20.00	2400.0	5900.0	30.00	2400.0	11000.0
40.00	2400.0	16300.0	50.00	2400.0	24500.0
60.00	2400.0	36000.0	70.00	2400.0	54000.0
80.00	2400.0	80000.0	90.00	2400.0	120000.0
100.00	2400.0	180000.0	110.00	2400.0	265000.0
120.00	2400.0	390000.0			

1400 F. BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	100.	.1865E-05		.1911E-05	.976	-41.791
2.	100.	.2110E-05		.2276E-05	.927	-13.689
3.	100.	.2260E-05		.2530E-05	.893	-9.371
4.	100.	.2360E-05		.2728E-05	.868	-7.587
5.	100.	.2454E-05		.2891E-05	.849	-6.618
10.	100.	.2717E-05		.3564E-05	.761	-4.187
15.	100.	.2866E-05		.4768E-05	.601	-2.507
20.	100.	.2968E-05		.6103E-05	.471	-1.890
25.	100.	.3043E-05		.7750E-05	.393	-1.646
30.	100.	.3102E-05		.8879E-05	.349	-1.537
35.	100.	.3149E-05		.9615E-05	.328	-1.487
40.	100.	.3188E-05		.1006E-04	.317	-1.464
45.	100.	.3222E-05		.1032E-04	.312	-1.454
50.	100.	.3250E-05		.1046E-04	.311	-1.451
55.	100.	.3275E-05		.1054E-04	.311	-1.451
60.	100.	.3296E-05		.1059E-04	.311	-1.452
65.	100.	.3315E-05		.1062E-04	.312	-1.454
70.	100.	.3332E-05		.1065E-04	.313	-1.455
75.	100.	.3347E-05		.1064E-04	.313	-1.456
80.	100.	.3361E-05		.1074E-04	.313	-1.456
85.	100.	.3373E-05		.1080E-04	.312	-1.454
90.	100.	.3384E-05		.1088E-04	.311	-1.451
95.	100.	.3394E-05		.1098E-04	.309	-1.447
100.	100.	.3403E-05		.1110E-04	.307	-1.442
105.	100.	.3411E-05		.1124E-04	.303	-1.436
110.	100.	.3418E-05		.1140E-04	.300	-1.426
115.	100.	.3425E-05		.1157E-04	.296	-1.420
120.	100.	.3431E-05		.1177E-04	.291	-1.411

1800 F. BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	200.	.4154E-05		.4917E-05	.845	-6.449
2.	200.	.5312E-05		.7781E-05	.683	-3.151
3.	200.	.6094E-05		.1046E-04	.582	-2.394
4.	200.	.6693E-05		.1306E-04	.513	-2.052
5.	200.	.7181E-05		.1558E-04	.461	-1.856
10.	200.	.8801E-05		.2805E-04	.314	-1.457
15.	200.	.9792E-05		.4439E-04	.221	-1.283
20.	200.	.1050E-04		.6418E-04	.164	-1.196
25.	200.	.1103E-04		.8418E-04	.131	-1.151
30.	200.	.1146E-04		.1020E-03	.112	-1.127
35.	200.	.1182E-04		.1164E-03	.101	-1.113
40.	200.	.1211E-04		.1277E-03	.095	-1.105
45.	200.	.1237E-04		.1365E-03	.091	-1.100
50.	200.	.1259E-04		.1433E-03	.088	-1.096
55.	200.	.1278E-04		.1486E-03	.086	-1.094
60.	200.	.1295E-04		.1527E-03	.085	-1.094
65.	200.	.1310E-04		.1559E-03	.084	-1.092
70.	200.	.1323E-04		.1584E-03	.084	-1.091
75.	200.	.1335E-04		.1604E-03	.083	-1.091
80.	200.	.1346E-04		.1619E-03	.083	-1.091
85.	200.	.1356E-04		.1632E-03	.083	-1.091
90.	200.	.1364E-04		.1642E-03	.083	-1.091
95.	200.	.1372E-04		.1650E-03	.083	-1.091
100.	200.	.1380E-04		.1657E-03	.083	-1.091
105.	200.	.1386E-04		.1663E-03	.083	-1.091
110.	200.	.1392E-04		.1668E-03	.083	-1.091
115.	200.	.1398E-04		.1673E-03	.084	-1.091
120.	200.	.1403E-04		.1677E-03	.084	-1.091

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	300.	.9126E-05	.1486E-04	.614	-2.592
2.	300.	.1316E-04	.3082E-04	.427	-1.746
3.	300.	.1616E-04	.4973E-04	.325	-1.481
4.	300.	.1858E-04	.7121E-04	.261	-1.353
5.	300.	.2064E-04	.9463E-04	.218	-1.279
10.	300.	.2795E-04	.2304E-03	.121	-1.138
15.	300.	.3277E-04	.3953E-03	.083	-1.090
20.	300.	.3635E-04	.5764E-03	.063	-1.067
25.	300.	.3917E-04	.7531E-03	.052	-1.055
30.	300.	.4146E-04	.9118E-03	.045	-1.048
35.	300.	.4339E-04	.1046E-02	.041	-1.043
40.	300.	.4502E-04	.1157E-02	.039	-1.040
45.	300.	.4644E-04	.1249E-02	.037	-1.039
50.	300.	.4768E-04	.1324E-02	.036	-1.037
55.	300.	.4876E-04	.1386E-02	.035	-1.036
60.	300.	.4973E-04	.1437E-02	.035	-1.036
65.	300.	.5059E-04	.1479E-02	.034	-1.035
70.	300.	.5136E-04	.1513E-02	.034	-1.035
75.	300.	.5206E-04	.1542E-02	.034	-1.035
80.	300.	.5269E-04	.1564E-02	.034	-1.035
85.	300.	.5326E-04	.1583E-02	.034	-1.035
90.	300.	.5378E-04	.1598E-02	.034	-1.035
95.	300.	.5425E-04	.1610E-02	.034	-1.035
100.	300.	.5468E-04	.1620E-02	.034	-1.035
105.	300.	.5508E-04	.1627E-02	.034	-1.035
110.	300.	.5544E-04	.1633E-02	.034	-1.035
115.	300.	.5577E-04	.1637E-02	.034	-1.035
120.	300.	.5608E-04	.1640E-02	.034	-1.035

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	400.	.1960E-04	.5527E-04	.355	-1.550
2.	400.	.3180E-04	.1304E-03	.244	-1.322
3.	400.	.4167E-04	.2272E-03	.183	-1.225
4.	400.	.5012E-04	.3426E-03	.146	-1.171
5.	400.	.5757E-04	.4711E-03	.122	-1.139
10.	400.	.8594E-04	.1197E-02	.072	-1.077
15.	400.	.1061E-03	.1980E-02	.054	-1.057
20.	400.	.1216E-03	.2750E-02	.044	-1.046
25.	400.	.1342E-03	.3448E-02	.039	-1.040
30.	400.	.1447E-03	.4048E-02	.036	-1.037
35.	400.	.1537E-03	.4543E-02	.034	-1.035
40.	400.	.1614E-03	.4952E-02	.033	-1.034
45.	400.	.1681E-03	.5292E-02	.032	-1.033
50.	400.	.1741E-03	.5579E-02	.031	-1.032
55.	400.	.1793E-03	.5824E-02	.031	-1.032
60.	400.	.1840E-03	.6037E-02	.030	-1.031
65.	400.	.1883E-03	.6223E-02	.030	-1.031
70.	400.	.1921E-03	.6389E-02	.030	-1.031
75.	400.	.1955E-03	.6536E-02	.030	-1.031
80.	400.	.1987E-03	.6675E-02	.030	-1.031
85.	400.	.2015E-03	.6800E-02	.030	-1.031
90.	400.	.2041E-03	.6917E-02	.030	-1.030
95.	400.	.2065E-03	.7027E-02	.029	-1.030
100.	400.	.2087E-03	.7131E-02	.029	-1.030
105.	400.	.2107E-03	.7231E-02	.029	-1.030
110.	400.	.2125E-03	.7327E-02	.029	-1.030
115.	400.	.2142E-03	.7420E-02	.029	-1.030
120.	400.	.2158E-03	.7511E-02	.029	-1.030

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	500.	.4083E-04		.2509E-03	.163	-1.194
2.	500.	.7412E-04		.5333E-03	.139	-1.161
3.	500.	.1035E-03		.8424E-03	.123	-1.140
4.	500.	.1299E-03		.1162E-02	.112	-1.126
5.	500.	.1541E-03		.1472E-02	.105	-1.117
10.	500.	.2527E-03		.2690E-02	.094	-1.104
15.	500.	.3275E-03		.3787E-02	.086	-1.095
20.	500.	.3478E-03		.4870E-02	.080	-1.087
25.	500.	.4380E-03		.5829E-02	.075	-1.081
30.	500.	.4807E-03		.6614E-02	.073	-1.078
35.	500.	.5176E-03		.7221E-02	.072	-1.077
40.	500.	.5499E-03		.7696E-02	.071	-1.077
45.	500.	.5784E-03		.8090E-02	.071	-1.077
50.	500.	.6037E-03		.8429E-02	.072	-1.077
55.	500.	.6280E-03		.8734E-02	.072	-1.077
60.	500.	.6468E-03		.9021E-02	.072	-1.077
65.	500.	.6652E-03		.9298E-02	.072	-1.077
70.	500.	.6819E-03		.9572E-02	.071	-1.077
75.	500.	.6971E-03		.9848E-02	.071	-1.076
80.	500.	.7109E-03		.1013E-01	.070	-1.075
85.	500.	.7236E-03		.1042E-01	.069	-1.075
90.	500.	.7352E-03		.1072E-01	.069	-1.074
95.	500.	.7458E-03		.1104E-01	.068	-1.072
100.	500.	.7556E-03		.1136E-01	.066	-1.071
105.	500.	.7646E-03		.1170E-01	.065	-1.070
110.	500.	.7728E-03		.1206E-01	.064	-1.068
115.	500.	.7804E-03		.1243E-01	.063	-1.067
120.	500.	.7879E-03		.1282E-01	.061	-1.065

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	600.	.8175E-04		.9793E-03	.083	-1.091
2.	600.	.1652E-03		.1690E-02	.098	-1.108
3.	600.	.2447E-03		.2246E-02	.109	-1.122
4.	600.	.3201E-03		.2686E-02	.119	-1.135
5.	600.	.3916E-03		.3012E-02	.130	-1.149
10.	600.	.7015E-03		.3705E-02	.189	-1.234
15.	600.	.9527E-03		.4486E-02	.212	-1.270
20.	600.	.1163E-02		.5483E-02	.212	-1.269
25.	600.	.1342E-02		.6426E-02	.209	-1.264
30.	600.	.1498E-02		.7205E-02	.208	-1.263
35.	600.	.1635E-02		.7788E-02	.210	-1.268
40.	600.	.1756E-02		.8241E-02	.213	-1.271
45.	600.	.1864E-02		.8627E-02	.216	-1.276
50.	600.	.1961E-02		.8970E-02	.219	-1.280
55.	600.	.2048E-02		.9307E-02	.220	-1.282
60.	600.	.2127E-02		.9650E-02	.220	-1.283
65.	600.	.2199E-02		.1001E-01	.220	-1.282
70.	600.	.2264E-02		.1039E-01	.218	-1.279
75.	600.	.2324E-02		.1080E-01	.215	-1.274
80.	600.	.2379E-02		.1124E-01	.212	-1.268
85.	600.	.2429E-02		.1172E-01	.207	-1.262
90.	600.	.2475E-02		.1223E-01	.202	-1.254
95.	600.	.2517E-02		.1279E-01	.197	-1.245
100.	600.	.2556E-02		.1339E-01	.191	-1.236
105.	600.	.2592E-02		.1404E-01	.185	-1.226
110.	600.	.2626E-02		.1474E-01	.178	-1.217
115.	600.	.2656E-02		.1549E-01	.172	-1.207
120.	600.	.2684E-02		.1624E-01	.165	-1.197

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	700.	.1501E-03		.2152E-02	.073	-1.078
2.	700.	.3443E-03		.3292E-02	.100	-1.118
3.	700.	.5456E-03		.3970E-02	.137	-1.154
4.	700.	.7414E-03		.4417E-02	.168	-1.202
5.	700.	.9333E-03		.4723E-02	.198	-1.246
10.	700.	.1816E-02		.5541E-02	.328	-1.488
15.	700.	.2576E-02		.6882E-02	.374	-1.598
20.	700.	.3235E-02		.8676E-02	.373	-1.595
25.	700.	.3812E-02		.1050E-01	.363	-1.570
30.	700.	.4322E-02		.1213E-01	.356	-1.553
35.	700.	.4776E-02		.1351E-01	.354	-1.547
40.	700.	.5182E-02		.1470E-01	.353	-1.545
45.	700.	.5548E-02		.1579E-01	.351	-1.542
50.	700.	.5879E-02		.1684E-01	.349	-1.536
55.	700.	.6179E-02		.1784E-01	.345	-1.528
60.	700.	.6452E-02		.1897E-01	.340	-1.515
65.	700.	.6702E-02		.2009E-01	.334	-1.500
70.	700.	.6930E-02		.2126E-01	.326	-1.483
75.	700.	.7140E-02		.2255E-01	.317	-1.463
80.	700.	.7332E-02		.2390E-01	.307	-1.442
85.	700.	.7509E-02		.2536E-01	.296	-1.421
90.	700.	.7673E-02		.2692E-01	.285	-1.399
95.	700.	.7823E-02		.2860E-01	.274	-1.377
100.	700.	.7962E-02		.3040E-01	.262	-1.355
105.	700.	.8091E-02		.3235E-01	.250	-1.334
110.	700.	.8210E-02		.3445E-01	.238	-1.313
115.	700.	.8320E-02		.3670E-01	.227	-1.293
120.	700.	.8421E-02		.3913E-01	.215	-1.274

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	800.	.2816E-03		.2769E-02	.102	-1.113
2.	800.	.6884E-03		.4255E-02	.162	-1.193
3.	800.	.1135E-02		.5145E-02	.221	-1.283
4.	800.	.1597E-02		.5824E-02	.274	-1.378
5.	800.	.2063E-02		.6467E-02	.319	-1.468
10.	800.	.4331E-02		.1036E-01	.418	-1.719
15.	800.	.6393E-02		.1554E-01	.411	-1.699
20.	800.	.8240E-02		.2163E-01	.381	-1.615
25.	800.	.9893E-02		.2810E-01	.352	-1.543
30.	800.	.1138E-01		.3457E-01	.329	-1.491
35.	800.	.1272E-01		.4083E-01	.311	-1.452
40.	800.	.1393E-01		.4645E-01	.297	-1.422
45.	800.	.1493E-01		.5305E-01	.283	-1.395
50.	800.	.1603E-01		.5923E-01	.271	-1.371
55.	800.	.1695E-01		.6555E-01	.259	-1.349
60.	800.	.1779E-01		.7209E-01	.247	-1.328
65.	800.	.1856E-01		.7891E-01	.235	-1.307
70.	800.	.1926E-01		.8604E-01	.224	-1.288
75.	800.	.1991E-01		.9354E-01	.213	-1.270
80.	800.	.2051E-01		.1014E+00	.202	-1.253
85.	800.	.2107E-01		.1098E+00	.192	-1.237
90.	800.	.2158E-01		.1186E+00	.182	-1.222
95.	800.	.2205E-01		.1280E+00	.172	-1.208
100.	800.	.2249E-01		.1379E+00	.163	-1.195
105.	800.	.2290E-01		.1485E+00	.154	-1.182
110.	800.	.2327E-01		.1596E+00	.146	-1.171
115.	800.	.2362E-01		.1715E+00	.138	-1.160
120.	800.	.2394E-01		.1841E+00	.130	-1.150

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TH
1.	900.	.4764E-03	.2772E-02	.172	-1.208
2.	900.	.1763E-02	.4623E-02	.273	-1.376
3.	900.	.2178E-02	.5955E-02	.366	-1.577
4.	900.	.3162E-02	.7210E-02	.438	-1.741
5.	900.	.4102E-02	.8688E-02	.481	-1.928
10.	900.	.9393E-02	.2221E-01	.423	-1.733
15.	900.	.1437E-01	.4271E-01	.336	-1.507
20.	900.	.1895E-01	.6672E-01	.284	-1.397
25.	900.	.2314E-01	.9357E-01	.247	-1.329
30.	900.	.2696E-01	.1230E+00	.219	-1.281
35.	900.	.3044E-01	.1547E+00	.197	-1.245
40.	900.	.3362E-01	.1888E+00	.178	-1.217
45.	900.	.3654E-01	.2253E+00	.162	-1.194
50.	900.	.3921E-01	.2642E+00	.148	-1.174
55.	900.	.4166E-01	.3056E+00	.136	-1.158
60.	900.	.4392E-01	.3495E+00	.126	-1.144
65.	900.	.4606E-01	.3954E+00	.116	-1.131
70.	900.	.4792E-01	.4451E+00	.108	-1.121
75.	900.	.4969E-01	.4970E+00	.100	-1.111
80.	900.	.5133E-01	.5516E+00	.093	-1.103
85.	900.	.5285E-01	.6092E+00	.087	-1.095
90.	900.	.5425E-01	.6698E+00	.081	-1.088
95.	900.	.5556E-01	.7334E+00	.076	-1.082
100.	900.	.5676E-01	.8001E+00	.071	-1.076
105.	900.	.5789E-01	.8701E+00	.067	-1.071
110.	900.	.5893E-01	.9434E+00	.062	-1.067
115.	900.	.5989E-01	.1020E+01	.059	-1.062
120.	900.	.6079E-01	.1100E+01	.055	-1.058

1600 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TH
1.	1000.	.7489E-03	.2815E-02	.266	-1.362
2.	1000.	.2129E-02	.6273E-02	.404	-1.677
3.	1000.	.3819E-02	.7398E-02	.516	-2.067
4.	1000.	.5694E-02	.9709E-02	.566	-2.418
5.	1000.	.7685E-02	.1276E-01	.602	-2.515
10.	1000.	.1830E-01	.5033E-01	.364	-1.571
15.	1000.	.2886E-01	.1191E+00	.242	-1.320
20.	1000.	.3885E-01	.2024E+00	.192	-1.237
25.	1000.	.4812E-01	.2987E+00	.161	-1.192
30.	1000.	.5669E-01	.4099E+00	.138	-1.161
35.	1000.	.6459E-01	.5387E+00	.120	-1.136
40.	1000.	.7186E-01	.6859E+00	.105	-1.117
45.	1000.	.7856E-01	.8510E+00	.094	-1.102
50.	1000.	.8474E-01	.1036E+01	.082	-1.089
55.	1000.	.9044E-01	.1239E+01	.073	-1.079
60.	1000.	.9571E-01	.1460E+01	.066	-1.070
65.	1000.	.1006E+00	.1701E+01	.059	-1.063
70.	1000.	.1051E+00	.1959E+01	.054	-1.057
75.	1000.	.1093E+00	.2237E+01	.049	-1.051
80.	1000.	.1132E+00	.2534E+01	.045	-1.047
85.	1000.	.1168E+00	.2847E+01	.041	-1.043
90.	1000.	.1201E+00	.3180E+01	.038	-1.039
95.	1000.	.1232E+00	.3531E+01	.035	-1.036
100.	1000.	.1261E+00	.3900E+01	.032	-1.033
105.	1000.	.1288E+00	.4288E+01	.030	-1.031
110.	1000.	.1313E+00	.4693E+01	.028	-1.029
115.	1000.	.1336E+00	.5116E+01	.026	-1.027
120.	1000.	.1357E+00	.5557E+01	.024	-1.025

1800 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	1100.	.1085E+02	.3155E+02	.344	-1.524
2.	1100.	.3267E+02	.6742E+02	.485	-1.940
3.	1100.	.6053E+02	.1036E+01	.583	-2.398
4.	1100.	.9225E+02	.1476E+01	.625	-2.865
5.	1100.	.1266E+01	.2098E+01	.603	-2.522
10.	1100.	.3162E+01	.1162E+00	.272	-1.374
15.	1100.	.5116E+01	.3161E+00	.162	-1.193
20.	1100.	.7001E+01	.5595E+00	.125	-1.143
25.	1100.	.8777E+01	.8402E+00	.104	-1.117
30.	1100.	.1043E+00	.1170E+01	.089	-1.098
35.	1100.	.1197E+00	.1566E+01	.076	-1.083
40.	1100.	.1340E+00	.2034E+01	.066	-1.071
45.	1100.	.1473E+00	.2577E+01	.057	-1.061
50.	1100.	.1595E+00	.3196E+01	.050	-1.053
55.	1100.	.1709E+00	.3899E+01	.044	-1.046
60.	1100.	.1814E+00	.4684E+01	.039	-1.040
65.	1100.	.1912E+00	.5553E+01	.034	-1.036
70.	1100.	.2003E+00	.6508E+01	.031	-1.032
75.	1100.	.2087E+00	.7551E+01	.028	-1.028
80.	1100.	.2166E+00	.8683E+01	.025	-1.026
85.	1100.	.2239E+00	.9905E+01	.023	-1.023
90.	1100.	.2307E+00	.1122E+02	.021	-1.021
95.	1100.	.2370E+00	.1262E+02	.019	-1.019
100.	1100.	.2424E+00	.1412E+02	.017	-1.018
105.	1100.	.2483E+00	.1570E+02	.016	-1.016
110.	1100.	.2534E+00	.1738E+02	.015	-1.015
115.	1100.	.2581E+00	.1915E+02	.013	-1.014
120.	1100.	.2625E+00	.2102E+02	.012	-1.013

1800 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	1200.	.1437E+02	.3829E+02	.375	-1.601
2.	1200.	.4519E+02	.9452E+02	.478	-1.916
3.	1200.	.8579E+02	.1607E+01	.534	-2.145
4.	1200.	.1330E+01	.2475E+01	.537	-2.161
5.	1200.	.1448E+01	.3773E+01	.490	-1.959
10.	1200.	.4788E+01	.2707E+00	.177	-1.215
15.	1200.	.7897E+01	.7984E+00	.099	-1.110
20.	1200.	.1094E+00	.1421E+01	.077	-1.083
25.	1200.	.1385E+00	.2114E+01	.065	-1.070
30.	1200.	.1658E+00	.2921E+01	.057	-1.060
35.	1200.	.1913E+00	.3895E+01	.049	-1.052
40.	1200.	.2151E+00	.5063E+01	.042	-1.044
45.	1200.	.2373E+00	.6440E+01	.037	-1.038
50.	1200.	.2579E+00	.8041E+01	.032	-1.033
55.	1200.	.2770E+00	.9861E+01	.028	-1.029
60.	1200.	.2949E+00	.1197E+02	.025	-1.025
65.	1200.	.3114E+00	.1434E+02	.022	-1.022
70.	1200.	.3269E+00	.1698E+02	.019	-1.020
75.	1200.	.3412E+00	.1992E+02	.017	-1.017
80.	1200.	.3546E+00	.2318E+02	.015	-1.016
85.	1200.	.3670E+00	.2675E+02	.014	-1.014
90.	1200.	.3786E+00	.3067E+02	.012	-1.013
95.	1200.	.3894E+00	.3493E+02	.011	-1.011
100.	1200.	.3995E+00	.3956E+02	.010	-1.010
105.	1200.	.4099E+00	.4456E+02	.009	-1.009
110.	1200.	.4176E+00	.4996E+02	.008	-1.008
115.	1200.	.4254E+00	.5575E+02	.008	-1.008
120.	1200.	.4334E+00	.6196E+02	.007	-1.007

1800 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TH
1.	1300.	.1724E+02	.4434E+02	.349	-1.537
2.	1300.	.5479E+02	.1420E+01	.393	-1.647
3.	1300.	.1076E+01	.2677E+01	.402	-1.672
4.	1300.	.1646E+01	.4461E+01	.378	-1.608
5.	1300.	.2363E+01	.7251E+01	.326	-1.483
10.	1300.	.6771E+01	.6295E+00	.100	-1.111
15.	1300.	.1048E+00	.1923E+01	.054	-1.054
20.	1300.	.1464E+00	.3350E+01	.044	-1.046
25.	1300.	.1863E+00	.4836E+01	.039	-1.040
30.	1300.	.2241E+00	.6508E+01	.034	-1.036
35.	1300.	.2596E+00	.8509E+01	.031	-1.031
40.	1300.	.2928E+00	.1091E+02	.027	-1.028
45.	1300.	.3238E+00	.1375E+02	.024	-1.024
50.	1300.	.3528E+00	.1707E+02	.021	-1.021
55.	1300.	.3797E+00	.2094E+02	.018	-1.018
60.	1300.	.4048E+00	.2539E+02	.016	-1.016
65.	1300.	.4282E+00	.3050E+02	.014	-1.014
70.	1300.	.4500E+00	.3631E+02	.012	-1.012
75.	1300.	.4703E+00	.4289E+02	.011	-1.011
80.	1300.	.4892E+00	.5030E+02	.010	-1.010
85.	1300.	.5069E+00	.5861E+02	.009	-1.009
90.	1300.	.5234E+00	.6790E+02	.008	-1.008
95.	1300.	.5387E+00	.7823E+02	.007	-1.007
100.	1300.	.5530E+00	.8969E+02	.006	-1.006
105.	1300.	.5664E+00	.1024E+03	.006	-1.006
110.	1300.	.5789E+00	.1163E+03	.005	-1.005
115.	1300.	.5905E+00	.1317E+03	.004	-1.005
120.	1300.	.6013E+00	.1485E+03	.004	-1.004

1800 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TH
1.	1400.	.1859E+02	.6622E+02	.281	-1.390
2.	1400.	.6088E+02	.2236E+01	.272	-1.374
3.	1400.	.1182E+01	.4685E+01	.252	-1.338
4.	1400.	.1861E+01	.8436E+01	.221	-1.283
5.	1400.	.2617E+01	.1453E+00	.180	-1.220
10.	1400.	.7018E+01	.1446E+01	.049	-1.051
15.	1400.	.1179E+00	.4419E+01	.027	-1.027
20.	1400.	.1654E+00	.7396E+01	.022	-1.023
25.	1400.	.2111E+00	.1022E+02	.021	-1.021
30.	1400.	.2544E+00	.1323E+02	.019	-1.020
35.	1400.	.2952E+00	.1675E+02	.018	-1.016
40.	1400.	.3334E+00	.2094E+02	.016	-1.016
45.	1400.	.3691E+00	.2584E+02	.014	-1.014
50.	1400.	.4029E+00	.3172E+02	.013	-1.013
55.	1400.	.4336E+00	.3853E+02	.011	-1.011
60.	1400.	.4626E+00	.4648E+02	.010	-1.010
65.	1400.	.4897E+00	.5570E+02	.009	-1.009
70.	1400.	.5150E+00	.6636E+02	.008	-1.008
75.	1400.	.5385E+00	.7863E+02	.007	-1.007
80.	1400.	.5605E+00	.9272E+02	.006	-1.006
85.	1400.	.5910E+00	.1088E+03	.005	-1.005
90.	1400.	.6081E+00	.1272E+03	.005	-1.005
95.	1400.	.6180E+00	.1482E+03	.004	-1.004
100.	1400.	.6346E+00	.1719E+03	.004	-1.004
105.	1400.	.6502E+00	.1987E+03	.003	-1.003
110.	1400.	.6647E+00	.2290E+03	.003	-1.003
115.	1400.	.6782E+00	.2632E+03	.003	-1.003
120.	1400.	.6908E+00	.3015E+03	.002	-1.002

1800 F BIAXIAL QXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1500.	.1786E-02		.9072E-02	.197	-1.245
2.	1500.	.5815E-02		.3604E-01	.161	-1.192
3.	1500.	.1126E-01		.8404E-01	.134	-1.155
4.	1500.	.1768E-01		.1633E+00	.108	-1.121
5.	1500.	.2482E-01		.2967E+00	.084	-1.091
10.	1500.	.6628E-01		.3244E+01	.020	-1.021
15.	1500.	.1111E+00		.9711E+01	.011	-1.012
20.	1500.	.1556E+00		.1545E+02	.010	-1.010
25.	1500.	.1984E+00		.2027E+02	.010	-1.010
30.	1500.	.2390E+00		.2505E+02	.010	-1.010
35.	1500.	.2772E+00		.3051E+02	.009	-1.009
40.	1500.	.3129E+00		.3693E+02	.008	-1.004
45.	1500.	.3464E+00		.4450E+02	.008	-1.008
50.	1500.	.3776E+00		.5344E+02	.007	-1.007
55.	1500.	.4067E+00		.6398E+02	.006	-1.006
60.	1500.	.4338E+00		.7640E+02	.006	-1.006
65.	1500.	.4591E+00		.9100E+02	.005	-1.005
70.	1500.	.4827E+00		.1081E+03	.004	-1.004
75.	1500.	.5048E+00		.1282E+03	.004	-1.004
80.	1500.	.5253E+00		.1517E+03	.003	-1.003
85.	1500.	.5445E+00		.1790E+03	.003	-1.003
90.	1500.	.5624E+00		.2104E+03	.003	-1.003
95.	1500.	.5791E+00		.2479E+03	.002	-1.002
100.	1500.	.5947E+00		.2909E+03	.002	-1.002
105.	1500.	.6092E+00		.3407E+03	.002	-1.002
110.	1500.	.6228E+00		.3982E+03	.002	-1.002
115.	1500.	.6355E+00		.4646E+03	.001	-1.001
120.	1500.	.6473E+00		.5412E+03	.001	-1.001

1800 F BIAXIAL QXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1600.	.1516E-02		.1244E-01	.122	-1.139
2.	1600.	.4813E-02		.5813E-01	.083	-1.090
3.	1600.	.9190E-02		.1508E+00	.061	-1.065
4.	1600.	.1430E-01		.3154E+00	.045	-1.047
5.	1600.	.1994E-01		.6027E+00	.033	-1.034
10.	1600.	.5216E-01		.7069E+01	.007	-1.007
15.	1600.	.8652E-01		.2042E+02	.004	-1.004
20.	1600.	.1204E+00		.3080E+02	.004	-1.004
25.	1600.	.1527E+00		.3834E+02	.004	-1.004
30.	1600.	.1833E+00		.4518E+02	.004	-1.004
35.	1600.	.2120E+00		.5275E+02	.004	-1.004
40.	1600.	.2387E+00		.6161E+02	.004	-1.004
45.	1600.	.2637E+00		.7212E+02	.004	-1.004
50.	1600.	.2870E+00		.8462E+02	.003	-1.003
55.	1600.	.3087E+00		.9955E+02	.003	-1.003
60.	1600.	.3289E+00		.1174E+03	.003	-1.003
65.	1600.	.3477E+00		.1386E+03	.003	-1.003
70.	1600.	.3653E+00		.1639E+03	.002	-1.002
75.	1600.	.3816E+00		.1940E+03	.002	-1.002
80.	1600.	.3969E+00		.2299E+03	.002	-1.002
85.	1600.	.4111E+00		.2725E+03	.002	-1.002
90.	1600.	.4244E+00		.3231E+03	.001	-1.001
95.	1600.	.4367E+00		.3832E+03	.001	-1.001
100.	1600.	.4483E+00		.4504E+03	.001	-1.001
105.	1600.	.4591E+00		.5346E+03	.001	-1.001
110.	1600.	.4691E+00		.6383E+03	.001	-1.001
115.	1600.	.4785E+00		.7561E+03	.001	-1.001
120.	1600.	.4873E+00		.8951E+03	.001	-1.001

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1700.	.1127E-02		.1074E-01	.007	-1.072
2.	1700.	.3420E-02		.9171E-01	.037	-1.039
3.	1700.	.6367E-02		.2640E+00	.024	-1.025
4.	1700.	.9739E-02		.5935E+00	.016	-1.017
5.	1700.	.1340E-01		.1189E+01	.011	-1.011
10.	1700.	.1378E-01		.1474E+02	.002	-1.002
15.	1700.	.5496E-01		.4118E+02	.001	-1.001
20.	1700.	.7549E-01		.5923E+02	.001	-1.001
25.	1700.	.9494E-01		.7030E+02	.001	-1.001
30.	1700.	.1132E+00		.7924E+02	.001	-1.001
35.	1700.	.1301E+00		.8886E+02	.001	-1.001
40.	1700.	.1459E+00		.1002E+03	.001	-1.001
45.	1700.	.1606E+00		.1139E+03	.001	-1.001
50.	1700.	.1742E+00		.1305E+03	.001	-1.001
55.	1700.	.1869E+00		.1507E+03	.001	-1.001
60.	1700.	.1987E+00		.1753E+03	.001	-1.001
65.	1700.	.2096E+00		.2050E+03	.001	-1.001
70.	1700.	.2198E+00		.2410E+03	.001	-1.001
75.	1700.	.2293E+00		.2846E+03	.001	-1.001
80.	1700.	.2381E+00		.3374E+03	.001	-1.001
85.	1700.	.2464E+00		.4012E+03	.001	-1.001
90.	1700.	.2540E+00		.4783E+03	.001	-1.001
95.	1700.	.2612E+00		.5715E+03	.000	-1.000
100.	1700.	.2678E+00		.6842E+03	.000	-1.000
105.	1700.	.2740E+00		.8203E+03	.000	-1.000
110.	1700.	.2798E+00		.9847E+03	.000	-1.000
115.	1700.	.2853E+00		.1183E+04	.000	-1.000
120.	1700.	.2903E+00		.1423E+04	.000	-1.000

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1800.	.7278E-03		.2169E-01	.034	-1.035
2.	1800.	.2066E-02		.1383E+00	.015	-1.015
3.	1800.	.3704E-02		.4402E+00	.008	-1.008
4.	1800.	.5523E-02		.1061E+01	.005	-1.005
5.	1800.	.7456E-02		.2225E+01	.003	-1.003
10.	1800.	.1778E-01		.2914E+02	.001	-1.001
15.	1800.	.2810E-01		.7969E+02	.000	-1.000
20.	1800.	.3789E-01		.1109E+03	.000	-1.000
25.	1800.	.4701E-01		.1270E+03	.000	-1.000
30.	1800.	.5546E-01		.1381E+03	.000	-1.000
35.	1800.	.6326E-01		.1497E+03	.000	-1.000
40.	1800.	.7047E-01		.1637E+03	.000	-1.000
45.	1800.	.7712E-01		.1812E+03	.000	-1.000
50.	1800.	.8328E-01		.2033E+03	.000	-1.000
55.	1800.	.8897E-01		.2307E+03	.000	-1.000
60.	1800.	.9424E-01		.2648E+03	.000	-1.000
65.	1800.	.9913E-01		.3069E+03	.000	-1.000
70.	1800.	.1037E+00		.3587E+03	.000	-1.000
75.	1800.	.1079E+00		.4224E+03	.000	-1.000
80.	1800.	.1118E+00		.5006E+03	.000	-1.000
85.	1800.	.1154E+00		.5967E+03	.000	-1.000
90.	1800.	.1184E+00		.7147E+03	.000	-1.000
95.	1800.	.1220E+00		.8597E+03	.000	-1.000
100.	1800.	.1249E+00		.1038E+04	.000	-1.000
105.	1800.	.1277E+00		.1257E+04	.000	-1.000
110.	1800.	.1302E+00		.1526E+04	.000	-1.000
115.	1800.	.1326E+00		.1858E+04	.000	-1.000
120.	1800.	.1348E+00		.2266E+04	.000	-1.000

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	1900.	.4049E-03	.2651E-01	.015	-1.016
2.	1900.	.1050E-02	.1949E+00	.005	-1.005
3.	1900.	.1740E-02	.6821E+00	.003	-1.003
4.	1900.	.2579E-02	.1758E+01	.001	-1.001
5.	1900.	.3394E-02	.3857E+01	.001	-1.001
10.	1900.	.7514E-02	.5409E+02	.000	-1.000
15.	1900.	.1142E-01	.1482E+03	.000	-1.000
20.	1900.	.1501E-01	.2040E+03	.000	-1.000
25.	1900.	.1829E-01	.2296E+03	.000	-1.000
30.	1900.	.2128E-01	.2444E+03	.000	-1.000
35.	1900.	.2400E-01	.2587E+03	.000	-1.000
40.	1900.	.2650E-01	.2766E+03	.000	-1.000
45.	1900.	.2878E-01	.3003E+03	.000	-1.000
50.	1900.	.3088E-01	.3311E+03	.000	-1.000
55.	1900.	.3281E-01	.3708E+03	.000	-1.000
60.	1900.	.3459E-01	.4212E+03	.000	-1.000
65.	1900.	.3624E-01	.4644E+03	.000	-1.000
70.	1900.	.3776E-01	.5635E+03	.000	-1.000
75.	1900.	.3916E-01	.6620E+03	.000	-1.000
80.	1900.	.4047E-01	.7846E+03	.000	-1.000
85.	1900.	.4168E-01	.9371E+03	.000	-1.000
90.	1900.	.4280E-01	.1127E+04	.000	-1.000
95.	1900.	.4385E-01	.1363E+04	.000	-1.000
100.	1900.	.4482E-01	.1657E+04	.000	-1.000
105.	1900.	.4572E-01	.2024E+04	.000	-1.000
110.	1900.	.4656E-01	.2482E+04	.000	-1.000
115.	1900.	.4734E-01	.3054E+04	.000	-1.000
120.	1900.	.4807E-01	.3770E+04	.000	-1.000

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978

TIME SEC.	STRESS PSI	STRAIN LENGTH	DIAMETER	R	TR
1.	2000.	.1924E-03	.2997E-01	.006	-1.006
2.	2000.	.4449E-03	.2507E+00	.002	-1.002
3.	2000.	.7116E-03	.9587E+00	.001	-1.001
4.	2000.	.9813E-03	.2634E+01	.000	-1.000
5.	2000.	.1249E-02	.6046E+01	.000	-1.000
10.	2000.	.2517E-02	.9334E+02	.000	-1.000
15.	2000.	.3440E-02	.2654E+03	.000	-1.000
20.	2000.	.4632E-02	.3720E+03	.000	-1.000
25.	2000.	.5514E-02	.4222E+03	.000	-1.000
30.	2000.	.6302E-02	.4485E+03	.000	-1.000
35.	2000.	.7010E-02	.4710E+03	.000	-1.000
40.	2000.	.7650E-02	.4984E+03	.000	-1.000
45.	2000.	.8230E-02	.5354E+03	.000	-1.000
50.	2000.	.8758E-02	.5850E+03	.000	-1.000
55.	2000.	.9241E-02	.6500E+03	.000	-1.000
60.	2000.	.9683E-02	.7337E+03	.000	-1.000
65.	2000.	.1009E-01	.8403E+03	.000	-1.000
70.	2000.	.1046E-01	.9748E+03	.000	-1.000
75.	2000.	.1081E-01	.1144E+04	.000	-1.000
80.	2000.	.1113E-01	.1357E+04	.000	-1.000
85.	2000.	.1142E-01	.1624E+04	.000	-1.000
90.	2000.	.1169E-01	.1959E+04	.000	-1.000
95.	2000.	.1195E-01	.2383E+04	.000	-1.000
100.	2000.	.1218E-01	.2904E+04	.000	-1.000
105.	2000.	.1240E-01	.3577E+04	.000	-1.000
110.	2000.	.1260E-01	.4420E+04	.000	-1.000
115.	2000.	.1279E-01	.5485E+04	.000	-1.000
120.	2000.	.1297E-01	.6833E+04	.000	-1.000

1800 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1978					
LENGTH	1800 F	OXY	BIAxIAL	ENGR	1978
2					
-4.60500E+00	4.78800E+00	0.	0.	0.	0.
2					
0.	1.46600E+03	0.	0.	0.	0.
16					
-1.40024E+01	1.60472E-03	2.45947E-05	1.38579E-03	-1.39986E+01	1.03222E-04
1.41495E-02	4.12764E-04	-1.39995E+01	1.32069E+00	1.30131E-05	-1.10447E-04
-3.88778E-01	4.24042E-01	-9.84399E-04	-1.11016E-05	0.	0.
DIAMETER 1800 F OXY BIAxIAL ENGR 1978					
6					
-4.60500E+00	9.10000E-01	1.80000E+00	2.48500E+00	3.41000E+00	4.78800E+00
5					
0.	4.13400E+02	6.29600E+02	9.28100E+02	2.40010E+03	0.
120					
-1.40004E+01	4.93402E-03	5.30313E-06	1.27662E-03	-1.39928E+01	1.19182E-02
8.75638E-03	5.79734E-04	-1.40137E+01	-9.90190E-02	9.42536E-03	1.47061E-03
-1.40472E+01	1.39592E-01	1.16750E-02	5.93696E-03	-1.38770E+01	-1.68566E-01
2.00475E-02	1.05645E-02	-1.40003E+01	1.18556E+00	2.52072E-02	-9.76472E-03
-1.40001E+01	9.66534E-01	7.00832E-07	6.81301E-03	-8.46004E+00	1.56670E+00
1.42697E-02	-0.11093E-04	-7.21592E+00	1.34969E+00	1.28013E-02	-2.74386E-03
-6.34627E+00	1.20762E+00	1.05859E-02	-3.15051E-03	-5.38034E+00	7.76537E-01
8.31502E-03	-1.95192E-03	-4.76550E+00	3.39691E-01	8.59436E-03	4.04909E-03
-1.39997E+01	2.63363E+00	1.52289E-06	5.87511E-03	-6.02433E+00	6.11475E-01
7.30023E-03	-1.16780E-03	-5.61346E+00	2.39746E-01	4.39395E-03	-2.74583E-03
-5.46077E+00	4.15485E-01	3.17255E-03	-7.32650E-04	-4.85932E+00	5.76846E-01
3.55913E-03	1.18226E-03	-3.97759E+00	1.33421E+00	6.58813E-03	3.66655E-03
-1.39997E+01	2.98454E+00	-4.26783E-07	-1.13450E-03	-5.20206E+00	6.72793E-01
1.45985E-03	2.05493E-03	-4.41629E+00	1.36983E+00	4.58419E-03	6.06964E-03
-3.24844E+00	1.79072E+00	9.30561E-03	5.71940E-03	-1.72750E+00	1.58384E+00
1.24409E-02	1.00946E-03	5.82113E-01	1.82232E+00	1.68885E-02	1.32522E-03
-1.40000E+01	1.31516E+00	-1.49317E-06	-1.74639E-03	-9.05640E-01	3.93443E+00
-4.21273E-03	9.12397E-04	1.07993E+00	5.23302E+00	-2.20473E-03	4.56141E-03
6.66137E+00	4.47544E+00	2.34827E-03	8.30306E-03	9.34414E+00	1.77627E+00
1.04240E-02	7.92788E-03	1.29065E+01	5.20498E+00	1.49657E-02	-2.93998E-03

SPLINE,P2,T100.
 ACCUUNT,PBP652,BATN*.
 ATTACH(ULDLGO,SPLINELGO,1D=KBSBN*)
 ULDLGO.

*

.001 20.
 DIAMETER 1800 F OXY BIAXIAL TRUE FIT 1978

3							2
-4.60500E+00	1.10000E+00	4.80000E+00	0.	0.	0.		3
4							4
0.	4.23000E+02	1.05100E+03	2.80010E+03	0.	0.		5
.50	721.21	.001769	1.00	745.40	.002356		
1.50	768.88	.003163	2.00	792.77	.003541		
2.50	813.35	.003698	3.00	830.09	.004356		
3.50	836.32	.005015	4.00	837.68	.005265		
4.50	836.57	.005535	5.00	838.47	.006045		
5.50	835.32	.006385	6.00	833.47	.006685		
6.50	831.47	.006806	7.00	830.48	.007045		
7.50	829.46	.007156	8.00	827.07	.007796		
8.50	827.18	.008096	9.00	825.64	.008457		
9.50	826.30	.008307	10.00	826.53	.008936		
20.00	827.90	.014376	30.00	836.39	.020115		
40.00	857.78	.026652	50.00	877.11	.035430		
60.00	893.86	.045692	70.00	905.53	.051954		
80.00	954.49	.071288	90.00	990.73	.088471		
100.00	1000.00	.101000	110.00	1000.00	.107000		
120.00	1000.00	.112000					
			.50	898.18	.001532		
1.00	928.05	.002614	1.50	951.60	.003549		
2.00	975.36	.003706	2.50	999.18	.004242		
3.00	1022.63	.004598	3.50	1040.66	.005395		
4.00	1046.36	.005815	4.50	1046.63	.006325		
5.00	1048.16	.006855	5.50	1047.15	.007576		
6.00	1048.75	.008656	6.50	1046.02	.009655		
7.00	1048.39	.010545	7.50	1047.55	.011665		
8.00	1046.72	.012655	8.50	1050.82	.014224		
9.00	1050.67	.015375	9.50	1053.32	.016574		
10.00	1055.69	.018054	20.00	1181.02	.069566		
30.00	1181.02	.082000	40.00	1181.02	.100000		
50.00	1181.02	.122000	60.00	1181.02	.141000		
70.00	1181.02	.165000	80.00	1181.02	.172000		
90.00	1181.02	.194000	100.00	1181.02	.220000		
110.00	1181.02	.239000	120.00	1181.02	.248000		
			.50	1151.27	.001352		
1.00	1184.14	.003117	1.50	1217.59	.005142		
2.00	1237.47	.008358	2.50	1283.85	.012955		
3.00	1306.44	.018251	3.50	1323.70	.024638		
4.00	1347.59	.032265	4.50	1377.84	.041821		
5.00	1402.34	.052027	5.50	1434.74	.063643		
6.00	1479.24	.077947	6.50	1527.77	.093440		
7.00	1588.21	.112433	7.50	1670.00	.136222		
8.00	1769.98	.164010	10.00	1769.98	.187000		
20.00	1769.98	.308000	30.00	1769.98	.435000		
40.00	1769.98	.570000	50.00	1769.98	.750000		
60.00	1769.98	.940000	70.00	1769.98	1.13		
80.00	1769.98	1.38	90.00	1769.98	1.59		
100.00	1769.98	1.85	110.00	1769.98	2.16		
120.00	1769.98	2.52					
.50	1419.34	.004768	1.00	1465.81	.009051		
1.50	1491.49	.016388	2.00	1529.03	.026833		

2.50	1579.91	.040497	3.00	1644.55	.057799
3.50	1726.87	.080639	4.00	1846.72	.111425
4.50	2046.65	.156102	5.00	2536.24	.247759
5.00	2536.24	.247759	8.00	2536.24	.410000
10.00	2536.24	.515000	20.00	2536.24	1.01
30.00	2536.24	1.61	40.00	2536.24	2.36
50.00	2536.24	3.40	60.00	2536.24	4.65
70.00	2536.24	6.30	80.00	2536.24	8.20
90.00	2536.24	10.7	100.00	2536.24	13.6
110.00	2536.24	17.3	120.00	2536.24	22.0
.50	388.44	.001453	1.00	413.36	.000064
1.50	420.69	.002088	2.00	421.28	.001924
2.50	419.92	.001697	3.00	418.76	.002232
3.50	420.39	.000579	4.00	420.52	.000225
4.50	419.24	.000986	5.00	419.35	.000300
5.50	420.27	.000162	6.00	419.10	.000042
6.50	416.95	.000495	7.00	417.50	.001046
7.50	417.22	.001433	8.00	415.41	.001627
8.50	416.74	.001597	9.00	416.13	.001672
9.50	416.90	.001701	10.00	414.27	.001761
20.00	416.49	.002864	30.00	416.97	.004413
40.00	418.42	.005620	50.00	419.80	.006859
60.00	417.44	.004160	70.00	421.10	.007909
80.00	420.80	.007560	90.00	422.69	.008539
100.00	422.34	.008639	110.00	422.68	.009819
120.00	420.96	.010089			
1.00	2800.00	.068000	2.00	2800.00	.128000
3.00	2800.00	.180000	4.00	2800.00	.229000
5.00	2800.00	.280000	8.00	2800.00	.500000
10.00	2800.00	.665000	20.00	2800.00	1.40
30.00	2800.00	2.31	40.00	2800.00	3.50
50.00	2800.00	5.20	60.00	2800.00	7.40
70.00	2800.00	10.6	80.00	2800.00	14.0
90.00	2800.00	18.9	100.00	2800.00	25.5
110.00	2800.00	33.5	120.00	2800.00	42.0

1800 F BIAXIAL OXY ENGN LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	100.	.1845E-05	.1139E-04	.164	-1.196
2.	100.	.2110E-05	.1383E-04	.153	-1.180
3.	100.	.2260E-05	.1575E-04	.144	-1.168
4.	100.	.2369E-05	.1745E-04	.136	-1.157
5.	100.	.2454E-05	.1902E-04	.129	-1.148
10.	100.	.2717E-05	.2540E-04	.107	-1.119
15.	100.	.2466E-05	.3055E-04	.094	-1.104
20.	100.	.2968E-05	.3485E-04	.085	-1.093
25.	100.	.3043E-05	.3860E-04	.079	-1.086
30.	100.	.3102E-05	.4196E-04	.074	-1.080
35.	100.	.3149E-05	.4500E-04	.070	-1.075
40.	100.	.3188E-05	.4778E-04	.067	-1.071
45.	100.	.3222E-05	.5035E-04	.064	-1.068
50.	100.	.3250E-05	.5274E-04	.062	-1.066
55.	100.	.3275E-05	.5497E-04	.060	-1.063
60.	100.	.3296E-05	.5706E-04	.058	-1.061
65.	100.	.3315E-05	.5902E-04	.056	-1.060
70.	100.	.3332E-05	.6088E-04	.055	-1.058
75.	100.	.3347E-05	.6264E-04	.053	-1.056
80.	100.	.3361E-05	.6431E-04	.052	-1.055
85.	100.	.3373E-05	.6590E-04	.051	-1.054
90.	100.	.3384E-05	.6742E-04	.050	-1.053
95.	100.	.3394E-05	.6887E-04	.049	-1.052
100.	100.	.3403E-05	.7025E-04	.048	-1.051
105.	100.	.3411E-05	.7158E-04	.048	-1.050
110.	100.	.3418E-05	.7285E-04	.047	-1.049
115.	100.	.3425E-05	.7407E-04	.046	-1.048
120.	100.	.3431E-05	.7524E-04	.046	-1.048

1800 F BIAXIAL OXY ENGN LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	200.	.4154E-05	.6843E-04	.061	-1.065
2.	200.	.5312E-05	.8581E-04	.062	-1.066
3.	200.	.6094E-05	.1011E-03	.060	-1.064
4.	200.	.6693E-05	.1162E-03	.058	-1.061
5.	200.	.7181E-05	.1310E-03	.055	-1.058
10.	200.	.8801E-05	.2006E-03	.044	-1.046
15.	200.	.9792E-05	.2646E-03	.037	-1.038
20.	200.	.1050E-04	.3244E-03	.032	-1.033
25.	200.	.1103E-04	.3808E-03	.029	-1.030
30.	200.	.1146E-04	.4343E-03	.026	-1.027
35.	200.	.1182E-04	.4852E-03	.024	-1.025
40.	200.	.1211E-04	.5339E-03	.023	-1.023
45.	200.	.1237E-04	.5806E-03	.021	-1.022
50.	200.	.1259E-04	.6255E-03	.020	-1.021
55.	200.	.1274E-04	.6686E-03	.019	-1.019
60.	200.	.1295E-04	.7102E-03	.018	-1.019
65.	200.	.1310E-04	.7503E-03	.017	-1.018
70.	200.	.1323E-04	.7891E-03	.017	-1.017
75.	200.	.1335E-04	.8265E-03	.016	-1.016
80.	200.	.1346E-04	.8626E-03	.016	-1.016
85.	200.	.1356E-04	.8979E-03	.015	-1.015
90.	200.	.1364E-04	.9320E-03	.015	-1.015
95.	200.	.1372E-04	.9650E-03	.014	-1.014
100.	200.	.1380E-04	.9970E-03	.014	-1.014
105.	200.	.1386E-04	.1028E-02	.013	-1.014
110.	200.	.1392E-04	.1058E-02	.013	-1.013
115.	200.	.1398E-04	.1088E-02	.013	-1.013
120.	200.	.1403E-04	.1116E-02	.013	-1.013

1800 P BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	300.	.9120E-03		.2214E-03	.041	-1.043
2.	300.	.1310E-04		.2621E-03	.050	-1.053
3.	300.	.1610E-04		.3023E-03	.053	-1.056
4.	300.	.1858E-04		.3455E-03	.054	-1.057
5.	300.	.2060E-04		.3901E-03	.053	-1.056
10.	300.	.2795E-04		.6176E-03	.045	-1.047
15.	300.	.3277E-04		.8439E-03	.039	-1.040
20.	300.	.3635E-04		.1067E-02	.034	-1.035
25.	300.	.3917E-04		.1286E-02	.030	-1.031
30.	300.	.4146E-04		.1501E-02	.028	-1.028
35.	300.	.4339E-04		.1711E-02	.025	-1.026
40.	300.	.4502E-04		.1917E-02	.023	-1.024
45.	300.	.4644E-04		.2119E-02	.022	-1.022
50.	300.	.4768E-04		.2317E-02	.021	-1.021
55.	300.	.4876E-04		.2510E-02	.019	-1.020
60.	300.	.4973E-04		.2700E-02	.018	-1.019
65.	300.	.5059E-04		.2885E-02	.018	-1.018
70.	300.	.5136E-04		.3067E-02	.017	-1.017
75.	300.	.5206E-04		.3244E-02	.016	-1.016
80.	300.	.5269E-04		.3418E-02	.015	-1.016
85.	300.	.5326E-04		.3589E-02	.015	-1.015
90.	300.	.5378E-04		.3755E-02	.014	-1.015
95.	300.	.5425E-04		.3919E-02	.014	-1.014
100.	300.	.5468E-04		.4079E-02	.013	-1.014
105.	300.	.5508E-04		.4235E-02	.013	-1.013
110.	300.	.5544E-04		.4389E-02	.013	-1.013
115.	300.	.5577E-04		.4539E-02	.012	-1.012
120.	300.	.5608E-04		.4687E-02	.012	-1.012

1800 P BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	400.	.1960E-04		.4781E-03	.041	-1.043
2.	400.	.3180E-04		.5208E-03	.061	-1.065
3.	400.	.4167E-04		.5780E-03	.072	-1.078
4.	400.	.5012E-04		.6474E-03	.077	-1.084
5.	400.	.5757E-04		.7226E-03	.080	-1.087
10.	400.	.8594E-04		.1128E-02	.076	-1.082
15.	400.	.1061E-03		.1548E-02	.069	-1.074
20.	400.	.1216E-03		.1971E-02	.062	-1.066
25.	400.	.1342E-03		.2395E-02	.056	-1.059
30.	400.	.1447E-03		.2818E-02	.051	-1.054
35.	400.	.1537E-03		.3238E-02	.047	-1.050
40.	400.	.1614E-03		.3654E-02	.044	-1.046
45.	400.	.1681E-03		.4066E-02	.041	-1.043
50.	400.	.1741E-03		.4474E-02	.039	-1.040
55.	400.	.1793E-03		.4876E-02	.037	-1.036
60.	400.	.1840E-03		.5273E-02	.035	-1.036
65.	400.	.1883E-03		.5664E-02	.033	-1.034
70.	400.	.1921E-03		.6050E-02	.032	-1.033
75.	400.	.1955E-03		.6431E-02	.030	-1.031
80.	400.	.1987E-03		.6805E-02	.029	-1.030
85.	400.	.2015E-03		.7174E-02	.028	-1.029
90.	400.	.2041E-03		.7537E-02	.027	-1.028
95.	400.	.2065E-03		.7895E-02	.026	-1.027
100.	400.	.2087E-03		.8247E-02	.025	-1.026
105.	400.	.2107E-03		.8593E-02	.025	-1.025
110.	400.	.2125E-03		.8934E-02	.024	-1.024
115.	400.	.2142E-03		.9270E-02	.023	-1.024
120.	400.	.2158E-03		.9600E-02	.022	-1.023

1800 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	500.	.4083E-04	.8318E-03	.049	-1.052
2.	500.	.7412E-04	.8719E-03	.085	-1.093
3.	500.	.1035E-03	.9488E-03	.109	-1.122
4.	500.	.1299E-03	.1051E-02	.124	-1.141
5.	500.	.1541E-03	.1166E-02	.132	-1.152
10.	500.	.2527E-03	.1797E-02	.141	-1.164
15.	500.	.3275E-03	.2463E-02	.133	-1.153
20.	500.	.3878E-03	.3142E-02	.123	-1.141
25.	500.	.4380E-03	.3826E-02	.114	-1.129
30.	500.	.4807E-03	.4512E-02	.107	-1.119
35.	500.	.5176E-03	.5197E-02	.100	-1.111
40.	500.	.5499E-03	.5879E-02	.094	-1.103
45.	500.	.5784E-03	.6557E-02	.088	-1.097
50.	500.	.6037E-03	.7230E-02	.083	-1.091
55.	500.	.6264E-03	.7898E-02	.079	-1.086
60.	500.	.6488E-03	.8558E-02	.076	-1.082
65.	500.	.6652E-03	.9212E-02	.072	-1.078
70.	500.	.6819E-03	.9858E-02	.069	-1.074
75.	500.	.6971E-03	.1050E-01	.066	-1.071
80.	500.	.7109E-03	.1113E-01	.064	-1.068
85.	500.	.7236E-03	.1175E-01	.062	-1.066
90.	500.	.7352E-03	.1237E-01	.059	-1.063
95.	500.	.7458E-03	.1297E-01	.057	-1.061
100.	500.	.7556E-03	.1357E-01	.056	-1.059
105.	500.	.7646E-03	.1416E-01	.054	-1.057
110.	500.	.7728E-03	.1474E-01	.052	-1.055
115.	500.	.7804E-03	.1532E-01	.051	-1.054
120.	500.	.7875E-03	.1588E-01	.050	-1.052

1800 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	600.	.8175E-04	.1269E-02	.064	-1.069
2.	600.	.1692E-03	.1352E-02	.122	-1.139
3.	600.	.2447E-03	.1482E-02	.165	-1.198
4.	600.	.3201E-03	.1647E-02	.194	-1.241
5.	600.	.3916E-03	.1831E-02	.214	-1.272
10.	600.	.7015E-03	.2836E-02	.247	-1.329
15.	600.	.9527E-03	.3891E-02	.245	-1.324
20.	600.	.1163E-02	.4965E-02	.234	-1.306
25.	600.	.1342E-02	.6048E-02	.222	-1.285
30.	600.	.1498E-02	.7134E-02	.210	-1.266
35.	600.	.1635E-02	.8218E-02	.199	-1.248
40.	600.	.1756E-02	.9299E-02	.189	-1.233
45.	600.	.1864E-02	.1037E-01	.180	-1.219
50.	600.	.1961E-02	.1144E-01	.171	-1.207
55.	600.	.2048E-02	.1250E-01	.164	-1.196
60.	600.	.2127E-02	.1354E-01	.157	-1.186
65.	600.	.2199E-02	.1458E-01	.151	-1.178
70.	600.	.2264E-02	.1561E-01	.145	-1.170
75.	600.	.2324E-02	.1662E-01	.140	-1.163
80.	600.	.2379E-02	.1762E-01	.135	-1.156
85.	600.	.2429E-02	.1861E-01	.130	-1.150
90.	600.	.2475E-02	.1959E-01	.126	-1.145
95.	600.	.2517E-02	.2056E-01	.122	-1.140
100.	600.	.2556E-02	.2151E-01	.119	-1.135
105.	600.	.2592E-02	.2245E-01	.115	-1.131
110.	600.	.2626E-02	.2338E-01	.112	-1.127
115.	600.	.2656E-02	.2430E-01	.109	-1.123
120.	600.	.2684E-02	.2520E-01	.107	-1.119

1800 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	700.	.1561E-03		.1743E-02	.090	-1.098
2.	700.	.3083E-03		.1973E-02	.176	-1.214
3.	700.	.5456E-03		.2221E-02	.246	-1.326
4.	700.	.7414E-03		.2507E-02	.296	-1.420
5.	700.	.9333E-03		.2811E-02	.332	-1.497
10.	700.	.1816E-02		.4426E-02	.410	-1.696
15.	700.	.2576E-02		.6091E-02	.423	-1.733
20.	700.	.3235E-02		.7772E-02	.416	-1.713
25.	700.	.3812E-02		.9456E-02	.403	-1.675
30.	700.	.4322E-02		.1114E-01	.388	-1.634
35.	700.	.4776E-02		.1281E-01	.373	-1.594
40.	700.	.5182E-02		.1447E-01	.358	-1.558
45.	700.	.5548E-02		.1612E-01	.344	-1.525
50.	700.	.5879E-02		.1776E-01	.331	-1.495
55.	700.	.6179E-02		.1937E-01	.319	-1.468
60.	700.	.6452E-02		.2098E-01	.308	-1.444
65.	700.	.6702E-02		.2256E-01	.297	-1.423
70.	700.	.6930E-02		.2412E-01	.287	-1.403
75.	700.	.7140E-02		.2567E-01	.278	-1.385
80.	700.	.7332E-02		.2719E-01	.270	-1.369
85.	700.	.7509E-02		.2870E-01	.262	-1.354
90.	700.	.7673E-02		.3018E-01	.254	-1.341
95.	700.	.7823E-02		.3165E-01	.247	-1.328
100.	700.	.7962E-02		.3310E-01	.241	-1.317
105.	700.	.8091E-02		.3453E-01	.234	-1.306
110.	700.	.8210E-02		.3594E-01	.228	-1.296
115.	700.	.8320E-02		.3733E-01	.223	-1.287
120.	700.	.8421E-02		.3870E-01	.218	-1.278

1800 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	800.	.2816E-03		.2218E-02	.127	-1.145
2.	800.	.6884E-03		.2744E-02	.250	-1.334
3.	800.	.1135E-02		.3228E-02	.352	-1.543
4.	800.	.1597E-02		.3723E-02	.429	-1.751
5.	800.	.2063E-02		.4233E-02	.487	-1.951
10.	800.	.4331E-02		.6827E-02	.634	-2.735
15.	800.	.6393E-02		.9431E-02	.678	-3.104
20.	800.	.8240E-02		.1202E-01	.685	-3.178
25.	800.	.9893E-02		.1460E-01	.678	-3.103
30.	800.	.1138E-01		.1715E-01	.663	-2.972
35.	800.	.1272E-01		.1967E-01	.646	-2.828
40.	800.	.1393E-01		.2217E-01	.628	-2.690
45.	800.	.1503E-01		.2464E-01	.610	-2.564
50.	800.	.1603E-01		.2708E-01	.592	-2.452
55.	800.	.1695E-01		.2948E-01	.575	-2.352
60.	800.	.1779E-01		.3186E-01	.558	-2.264
65.	800.	.1856E-01		.3421E-01	.542	-2.186
70.	800.	.1926E-01		.3652E-01	.527	-2.116
75.	800.	.1991E-01		.3880E-01	.513	-2.054
80.	800.	.2051E-01		.4105E-01	.500	-1.999
85.	800.	.2107E-01		.4327E-01	.487	-1.949
90.	800.	.2158E-01		.4547E-01	.475	-1.903
95.	800.	.2205E-01		.4763E-01	.463	-1.862
100.	800.	.2249E-01		.4976E-01	.452	-1.825
105.	800.	.2290E-01		.5186E-01	.442	-1.791
110.	800.	.2327E-01		.5394E-01	.432	-1.759
115.	800.	.2362E-01		.5598E-01	.422	-1.730
120.	800.	.2394E-01		.5800E-01	.413	-1.703

1800 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	900.	.4764E-03		.7685E-02	.177	-1.216
2.	900.	.1263E-02		.3712E-02	.340	-1.516
3.	900.	.2178E-02		.4578E-02	.476	-1.906
4.	900.	.3162E-02		.5626E-02	.583	-2.396
5.	900.	.4182E-02		.6268E-02	.667	-3.005
10.	900.	.9393E-02		.1039E-01	.904	-10.403
15.	900.	.1437E-01		.1441E-01	.997	*****
20.	900.	.1895E-01		.1834E-01	1.033	30.075
25.	900.	.2314E-01		.2221E-01	1.042	23.785
30.	900.	.2696E-01		.2601E-01	1.037	27.295
35.	900.	.3044E-01		.2974E-01	1.023	42.577
40.	900.	.3362E-01		.3342E-01	1.006	165.013
45.	900.	.3654E-01		.3704E-01	.986	-73.173
50.	900.	.3921E-01		.4061E-01	.965	-28.967
55.	900.	.4166E-01		.4412E-01	.944	-17.923
60.	900.	.4392E-01		.4758E-01	.923	-12.980
65.	900.	.4600E-01		.5099E-01	.902	-10.204
70.	900.	.4792E-01		.5436E-01	.882	-8.440
75.	900.	.4969E-01		.5767E-01	.862	-7.225
80.	900.	.5133E-01		.6094E-01	.842	-6.340
85.	900.	.5285E-01		.6416E-01	.824	-5.669
90.	900.	.5425E-01		.6734E-01	.806	-5.144
95.	900.	.5556E-01		.7048E-01	.788	-4.722
100.	900.	.5676E-01		.7358E-01	.771	-4.376
105.	900.	.5789E-01		.7663E-01	.755	-4.088
110.	900.	.5893E-01		.7965E-01	.740	-3.844
115.	900.	.5989E-01		.8263E-01	.725	-3.635
120.	900.	.6079E-01		.8558E-01	.710	-3.454

1800 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1000.	.7489E-03		.3179E-02	.236	-1.308
2.	1000.	.2129E-02		.4930E-02	.432	-1.760
3.	1000.	.3819E-02		.6403E-02	.597	-2.478
4.	1000.	.5694E-02		.7800E-02	.730	-3.703
5.	1000.	.7685E-02		.9158E-02	.839	-6.220
10.	1000.	.1830E-01		.1559E-01	1.174	5.752
15.	1000.	.2886E-01		.2167E-01	1.332	3.013
20.	1000.	.3885E-01		.2754E-01	1.411	2.434
25.	1000.	.4812E-01		.3323E-01	1.448	2.232
30.	1000.	.5669E-01		.3880E-01	1.461	2.168
35.	1000.	.6459E-01		.4424E-01	1.460	2.174
40.	1000.	.7186E-01		.4958E-01	1.449	2.225
45.	1000.	.7896E-01		.5482E-01	1.433	2.309
50.	1000.	.8474E-01		.5997E-01	1.413	2.422
55.	1000.	.9044E-01		.6505E-01	1.390	2.561
60.	1000.	.9571E-01		.7004E-01	1.366	2.729
65.	1000.	.1006E+00		.7497E-01	1.342	2.926
70.	1000.	.1051E+00		.7983E-01	1.317	3.159
75.	1000.	.1093E+00		.8462E-01	1.291	3.431
80.	1000.	.1132E+00		.8935E-01	1.266	3.753
85.	1000.	.1168E+00		.9403E-01	1.242	4.136
90.	1000.	.1201E+00		.9864E-01	1.218	4.597
95.	1000.	.1232E+00		.1032E+00	1.194	5.161
100.	1000.	.1261E+00		.1077E+00	1.171	5.864
105.	1000.	.1288E+00		.1122E+00	1.148	6.762
110.	1000.	.1313E+00		.1166E+00	1.126	7.944
115.	1000.	.1336E+00		.1210E+00	1.104	9.585
120.	1000.	.1357E+00		.1253E+00	1.083	11.485

1400 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1100.	.1085E-02	.3778E-02	.287	-1.403
2.	1100.	.3207E-02	.6533E-02	.500	-2.000
3.	1100.	.6053E-02	.8902E-02	.680	-3.124
4.	1100.	.9225E-02	.1112E-01	.830	-5.875
5.	1100.	.1266E+01	.1324E-01	.956	-22.897
10.	1100.	.3102E+01	.2302E-01	1.374	2.674
15.	1100.	.5116E+01	.3202E-01	1.598	1.674
20.	1100.	.7001E+01	.4059E-01	1.725	1.380
25.	1100.	.8777E+01	.4884E-01	1.797	1.255
30.	1100.	.1043E+00	.5686E-01	1.835	1.197
35.	1100.	.1197E+00	.6469E-01	1.851	1.175
40.	1100.	.1340E+00	.7236E-01	1.852	1.173
45.	1100.	.1473E+00	.7990E-01	1.843	1.186
50.	1100.	.1595E+00	.8732E-01	1.827	1.209
55.	1100.	.1709E+00	.9464E-01	1.806	1.241
60.	1100.	.1814E+00	.1014E+00	1.781	1.280
65.	1100.	.1912E+00	.1090E+00	1.754	1.326
70.	1100.	.2003E+00	.1141E+00	1.720	1.378
75.	1100.	.2087E+00	.1231E+00	1.696	1.436
80.	1100.	.2166E+00	.1300E+00	1.666	1.501
85.	1100.	.2239E+00	.1369E+00	1.636	1.573
90.	1100.	.2307E+00	.1437E+00	1.605	1.652
95.	1100.	.2370E+00	.1504E+00	1.575	1.738
100.	1100.	.2428E+00	.1571E+00	1.545	1.834
105.	1100.	.2481E+00	.1638E+00	1.516	1.938
110.	1100.	.2534E+00	.1704E+00	1.487	2.054
115.	1100.	.2581E+00	.1770E+00	1.458	2.182
120.	1100.	.2625E+00	.1835E+00	1.430	2.323

1800 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1200.	.1437E-02	.4563E-02	.315	-1.460
2.	1200.	.4519E-02	.8691E-02	.520	-2.083
3.	1200.	.8579E-02	.1234E-01	.695	-3.279
4.	1200.	.1330E-01	.1573E-01	.845	-6.457
5.	1200.	.1848E-01	.1894E-01	.975	-40.716
10.	1200.	.4788E-01	.3341E-01	1.433	2.309
15.	1200.	.7897E-01	.4643E-01	1.701	1.427
20.	1200.	.1094E+00	.5867E-01	1.865	1.156
25.	1200.	.1385E+00	.7042E-01	1.966	1.035
30.	1200.	.1658E+00	.8182E-01	2.026	.975
35.	1200.	.1913E+00	.9297E-01	2.058	.945
40.	1200.	.2151E+00	.1039E+00	2.070	.935
45.	1200.	.2373E+00	.1147E+00	2.068	.936
50.	1200.	.2574E+00	.1254E+00	2.056	.947
55.	1200.	.2770E+00	.1360E+00	2.037	.964
60.	1200.	.2949E+00	.1465E+00	2.013	.987
65.	1200.	.3114E+00	.1569E+00	1.984	1.016
70.	1200.	.3269E+00	.1673E+00	1.953	1.049
75.	1200.	.3412E+00	.1777E+00	1.920	1.086
80.	1200.	.3546E+00	.1880E+00	1.886	1.128
85.	1200.	.3670E+00	.1983E+00	1.851	1.175
90.	1200.	.3786E+00	.2085E+00	1.816	1.226
95.	1200.	.3894E+00	.2188E+00	1.780	1.282
100.	1200.	.3995E+00	.2290E+00	1.744	1.343
105.	1200.	.4089E+00	.2393E+00	1.709	1.410
110.	1200.	.4176E+00	.2495E+00	1.674	1.484
115.	1200.	.4258E+00	.2597E+00	1.640	1.563
120.	1200.	.4334E+00	.2699E+00	1.606	1.651

1800 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1300.	.1724E-02		.5581E-02	.309	-1.447
2.	1300.	.5579E-02		.1157E-01	.482	-1.931
3.	1300.	.1076E-01		.1703E-01	.632	-2.718
4.	1300.	.1686E-01		.2206E-01	.764	-4.243
5.	1300.	.2363E-01		.2679E-01	.882	-8.473
10.	1300.	.6271E-01		.4763E-01	1.317	3.159
15.	1300.	.1048E+00		.6601E-01	1.587	1.704
20.	1300.	.1484E+00		.8316E-01	1.760	1.315
25.	1300.	.1863E+00		.9959E-01	1.871	1.148
30.	1300.	.2241E+00		.1156E+00	1.939	1.065
35.	1300.	.2596E+00		.1313E+00	1.978	1.023
40.	1300.	.2928E+00		.1468E+00	1.995	1.005
45.	1300.	.3238E+00		.1622E+00	1.996	1.004
50.	1300.	.3528E+00		.1776E+00	1.987	1.014
55.	1300.	.3797E+00		.1929E+00	1.968	1.033
60.	1300.	.4048E+00		.2082E+00	1.944	1.059
65.	1300.	.4282E+00		.2236E+00	1.915	1.093
70.	1300.	.4500E+00		.2390E+00	1.883	1.133
75.	1300.	.4703E+00		.2545E+00	1.848	1.179
80.	1300.	.4892E+00		.2700E+00	1.812	1.232
85.	1300.	.5064E+00		.2856E+00	1.775	1.291
90.	1300.	.5234E+00		.3013E+00	1.737	1.357
95.	1300.	.5387E+00		.3171E+00	1.699	1.431
100.	1300.	.5530E+00		.3330E+00	1.661	1.513
105.	1300.	.5664E+00		.3490E+00	1.623	1.605
110.	1300.	.5789E+00		.3651E+00	1.585	1.708
115.	1300.	.5905E+00		.3813E+00	1.548	1.823
120.	1300.	.6013E+00		.3977E+00	1.512	1.953

1800 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1400.	.1859E-02		.6485E-02	.270	-1.370
2.	1400.	.6088E-02		.1538E-01	.396	-1.655
3.	1400.	.1182E-01		.2531E-01	.507	-2.030
4.	1400.	.1461E-01		.3060E-01	.608	-2.553
5.	1400.	.2617E-01		.3738E-01	.700	-3.336
10.	1400.	.7018E-01		.6666E-01	1.053	18.920
15.	1400.	.1179E+00		.9200E-01	1.282	3.552
20.	1400.	.1654E+00		.1155E+00	1.431	2.319
25.	1400.	.2111E+00		.1381E+00	1.528	1.695
30.	1400.	.2544E+00		.1603E+00	1.587	1.702
35.	1400.	.2952E+00		.1822E+00	1.621	1.612
40.	1400.	.3334E+00		.2040E+00	1.634	1.676
45.	1400.	.3691E+00		.2259E+00	1.634	1.576
50.	1400.	.4025E+00		.2478E+00	1.624	1.603
55.	1400.	.4336E+00		.2700E+00	1.606	1.650
60.	1400.	.4626E+00		.2924E+00	1.582	1.717
65.	1400.	.4897E+00		.3150E+00	1.555	1.803
70.	1400.	.5150E+00		.3379E+00	1.524	1.909
75.	1400.	.5385E+00		.3611E+00	1.491	2.036
80.	1400.	.5605E+00		.3847E+00	1.457	2.188
85.	1400.	.5810E+00		.4085E+00	1.422	2.369
90.	1400.	.6001E+00		.4327E+00	1.387	2.586
95.	1400.	.6180E+00		.4573E+00	1.351	2.847
100.	1400.	.6346E+00		.4822E+00	1.316	3.165
105.	1400.	.6502E+00		.5075E+00	1.281	3.558
110.	1400.	.6647E+00		.5332E+00	1.247	4.056
115.	1400.	.6782E+00		.5593E+00	1.213	4.703
120.	1400.	.6908E+00		.5858E+00	1.179	5.574

1800 F BIAXIAL OXY ENGH LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1500.	.1786E+02		.8533E+02	.209	-1.265
2.	1500.	.5815E+02		.2033E+01	.286	-1.401
3.	1500.	.1126E+01		.3157E+01	.357	-1.554
4.	1500.	.1768E+01		.4186E+01	.422	-1.731
5.	1500.	.2482E+01		.5135E+01	.483	-1.936
10.	1500.	.6628E+01		.9148E+01	.725	-3.630
15.	1500.	.1111E+00		.1256E+00	.884	-8.644
20.	1500.	.1556E+00		.1573E+00	.989	-92.240
25.	1500.	.1984E+00		.1879E+00	1.056	17.870
30.	1500.	.2390E+00		.2181E+00	1.096	10.434
35.	1500.	.2772E+00		.2483E+00	1.116	8.594
40.	1500.	.3129E+00		.2787E+00	1.123	6.140
45.	1500.	.3464E+00		.3095E+00	1.119	8.399
50.	1500.	.3776E+00		.3408E+00	1.108	9.279
55.	1500.	.4067E+00		.3727E+00	1.091	10.987
60.	1500.	.4338E+00		.4053E+00	1.070	14.220
65.	1500.	.4591E+00		.4386E+00	1.047	21.357
70.	1500.	.4827E+00		.4726E+00	1.021	46.745
75.	1500.	.5048E+00		.5075E+00	.995	*****
80.	1500.	.5253E+00		.5431E+00	.967	-30.525
85.	1500.	.5445E+00		.5796E+00	.939	-16.505
90.	1500.	.5624E+00		.6170E+00	.912	-11.301
95.	1500.	.5791E+00		.6553E+00	.884	-8.603
100.	1500.	.5947E+00		.6944E+00	.856	-6.961
105.	1500.	.6092E+00		.7346E+00	.829	-5.861
110.	1500.	.6228E+00		.7757E+00	.803	-5.075
115.	1500.	.6355E+00		.8177E+00	.777	-4.487
120.	1500.	.6473E+00		.8608E+00	.752	-4.033

1800 F BIAXIAL OXY ENGH LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1600.	.1516E+02		.1098E+01	.143	-1.167
2.	1600.	.4613E+02		.2665E+01	.181	-1.220
3.	1600.	.9190E+02		.4221E+01	.218	-1.278
4.	1600.	.1430E+01		.5640E+01	.254	-1.340
5.	1600.	.1994E+01		.6934E+01	.288	-1.404
10.	1600.	.5216E+01		.1230E+00	.424	-1.736
15.	1600.	.8652E+01		.1680E+00	.515	-2.061
20.	1600.	.1204E+00		.2099E+00	.573	-2.344
25.	1600.	.1527E+00		.2506E+00	.609	-2.560
30.	1600.	.1833E+00		.2913E+00	.629	-2.697
35.	1600.	.2120E+00		.3324E+00	.638	-2.759
40.	1600.	.2387E+00		.3744E+00	.638	-2.760
45.	1600.	.2637E+00		.4174E+00	.632	-2.716
50.	1600.	.2870E+00		.4617E+00	.622	-2.643
55.	1600.	.3087E+00		.5073E+00	.609	-2.554
60.	1600.	.3289E+00		.5544E+00	.593	-2.454
65.	1600.	.3477E+00		.6030E+00	.577	-2.362
70.	1600.	.3653E+00		.6533E+00	.559	-2.268
75.	1600.	.3816E+00		.7053E+00	.541	-2.174
80.	1600.	.3969E+00		.7591E+00	.523	-2.096
85.	1600.	.4111E+00		.8146E+00	.505	-2.014
90.	1600.	.4244E+00		.8721E+00	.487	-1.948
95.	1600.	.4367E+00		.9315E+00	.469	-1.883
100.	1600.	.4483E+00		.9929E+00	.452	-1.823
105.	1600.	.4591E+00		.1056E+01	.435	-1.769
110.	1600.	.4691E+00		.1122E+01	.418	-1.719
115.	1600.	.4785E+00		.1184E+01	.402	-1.673
120.	1600.	.4873E+00		.1259E+01	.387	-1.631

1800 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1700.	.1127E+02		.1308E+01	.086	-1.094
2.	1700.	.1320E+02		.1345E+01	.099	-1.110
3.	1700.	.1636E+02		.1555E+01	.115	-1.129
4.	1700.	.1973E+02		.1746E+01	.130	-1.150
5.	1700.	.1340E+01		.9186E+01	.146	-1.171
10.	1700.	.1378E+01		.1019E+00	.209	-1.264
15.	1700.	.1549E+01		.2200E+00	.250	-1.333
20.	1700.	.1754E+01		.2743E+00	.275	-1.380
25.	1700.	.1949E+01		.3278E+00	.290	-1.408
30.	1700.	.1132E+00		.1361E+00	.296	-1.421
35.	1700.	.1301E+00		.1371E+00	.298	-1.424
40.	1700.	.1459E+00		.1494E+00	.295	-1.419
45.	1700.	.1606E+00		.1553E+00	.290	-1.408
50.	1700.	.1742E+00		.1615E+00	.283	-1.395
55.	1700.	.1869E+00		.1680E+00	.275	-1.379
60.	1700.	.1987E+00		.1747E+00	.266	-1.362
65.	1700.	.2096E+00		.1818E+00	.256	-1.344
70.	1700.	.2198E+00		.1891E+00	.246	-1.327
75.	1700.	.2293E+00		.1968E+00	.237	-1.310
80.	1700.	.2381E+00		.1049E+01	.227	-1.294
85.	1700.	.2464E+00		.1133E+01	.217	-1.278
90.	1700.	.2540E+00		.1220E+01	.208	-1.263
95.	1700.	.2612E+00		.1312E+01	.199	-1.249
100.	1700.	.2678E+00		.1407E+01	.190	-1.235
105.	1700.	.2740E+00		.1506E+01	.182	-1.222
110.	1700.	.2798E+00		.1610E+01	.174	-1.210
115.	1700.	.2853E+00		.1718E+01	.166	-1.199
120.	1700.	.2903E+00		.1830E+01	.159	-1.189

1800 F BIAXIAL OXY ENGR LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1800.	.7278E+03		.1604E+01	.045	-1.048
2.	1800.	.2066E+02		.4405E+01	.047	-1.049
3.	1800.	.3704E+02		.7184E+01	.052	-1.054
4.	1800.	.5523E+02		.9682E+01	.057	-1.060
5.	1800.	.7456E+02		.1192E+00	.063	-1.067
10.	1800.	.1778E+01		.2085E+00	.085	-1.093
15.	1800.	.2810E+01		.2820E+00	.100	-1.111
20.	1800.	.3789E+01		.3512E+00	.108	-1.121
25.	1800.	.4701E+01		.4202E+00	.112	-1.126
30.	1800.	.5546E+01		.4909E+00	.113	-1.127
35.	1800.	.6326E+01		.5645E+00	.112	-1.126
40.	1800.	.7047E+01		.6415E+00	.110	-1.123
45.	1800.	.7712E+01		.7226E+00	.107	-1.119
50.	1800.	.8328E+01		.8082E+00	.103	-1.115
55.	1800.	.8897E+01		.8985E+00	.099	-1.110
60.	1800.	.9424E+01		.9939E+00	.095	-1.105
65.	1800.	.9913E+01		.1095E+01	.091	-1.100
70.	1800.	.1037E+00		.1201E+01	.086	-1.094
75.	1800.	.1079E+00		.1313E+01	.082	-1.089
80.	1800.	.1118E+00		.1432E+01	.078	-1.085
85.	1800.	.1154E+00		.1557E+01	.074	-1.080
90.	1800.	.1188E+00		.1689E+01	.070	-1.076
95.	1800.	.1220E+00		.1828E+01	.067	-1.072
100.	1800.	.1249E+00		.1974E+01	.063	-1.068
105.	1800.	.1277E+00		.2127E+01	.060	-1.064
110.	1800.	.1302E+00		.2289E+01	.057	-1.060
115.	1800.	.1326E+00		.2458E+01	.054	-1.057
120.	1800.	.1348E+00		.2636E+01	.051	-1.054

1800 F BIAxIAL OXY ENGH LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	1900.	.4049E-03	.1946E+01	.021	-1.021
2.	1900.	.1050E-02	.5522E+01	.019	-1.019
3.	1900.	.1790E-02	.9096E+01	.020	-1.020
4.	1900.	.2579E-02	.1229E+00	.021	-1.021
5.	1900.	.3394E-02	.1511E+00	.022	-1.023
10.	1900.	.7514E-02	.2624E+00	.029	-1.029
15.	1900.	.1142E-01	.3535E+00	.032	-1.033
20.	1900.	.1501E-01	.4403E+00	.034	-1.035
25.	1900.	.1829E-01	.5280E+00	.035	-1.036
30.	1900.	.2128E-01	.6194E+00	.034	-1.036
35.	1900.	.2400E-01	.7157E+00	.034	-1.035
40.	1900.	.2650E-01	.8181E+00	.032	-1.033
45.	1900.	.2878E-01	.9272E+00	.031	-1.032
50.	1900.	.3088E-01	.1044E+01	.030	-1.030
55.	1900.	.3261E-01	.1168E+01	.028	-1.029
60.	1900.	.3459E-01	.1301E+01	.027	-1.027
65.	1900.	.3624E-01	.1443E+01	.025	-1.024
70.	1900.	.3776E-01	.1595E+01	.024	-1.024
75.	1900.	.3916E-01	.1757E+01	.022	-1.023
80.	1900.	.4047E-01	.1929E+01	.021	-1.021
85.	1900.	.4168E-01	.2112E+01	.020	-1.020
90.	1900.	.4280E-01	.2307E+01	.019	-1.019
95.	1900.	.4385E-01	.2515E+01	.017	-1.018
100.	1900.	.4482E-01	.2735E+01	.016	-1.017
105.	1900.	.4572E-01	.2969E+01	.015	-1.016
110.	1900.	.4656E-01	.3216E+01	.014	-1.015
115.	1900.	.4734E-01	.3479E+01	.014	-1.014
120.	1900.	.4807E-01	.3756E+01	.013	-1.013

1800 F BIAxIAL OXY ENGH LENGTH TRUE DIAMETER 1978

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	R	TR
1.	2000.	.1924E-03	.2324E+01	.008	-1.008
2.	2000.	.4049E-03	.6776E+01	.007	-1.007
3.	2000.	.7116E-03	.1125E+00	.006	-1.006
4.	2000.	.9813E-03	.1521E+00	.006	-1.006
5.	2000.	.1249E-02	.1870E+00	.007	-1.007
10.	2000.	.2517E-02	.3225E+00	.008	-1.008
15.	2000.	.3640E-02	.4334E+00	.008	-1.008
20.	2000.	.4632E-02	.5404E+00	.009	-1.009
25.	2000.	.5514E-02	.6503E+00	.008	-1.009
30.	2000.	.6302E-02	.7665E+00	.008	-1.008
35.	2000.	.7010E-02	.8909E+00	.008	-1.008
40.	2000.	.7650E-02	.1025E+01	.007	-1.008
45.	2000.	.8230E-02	.1169E+01	.007	-1.007
50.	2000.	.8758E-02	.1326E+01	.007	-1.007
55.	2000.	.9241E-02	.1495E+01	.006	-1.006
60.	2000.	.9683E-02	.1677E+01	.006	-1.006
65.	2000.	.1009E-01	.1874E+01	.005	-1.005
70.	2000.	.1046E-01	.2086E+01	.005	-1.005
75.	2000.	.1081E-01	.2315E+01	.005	-1.005
80.	2000.	.1113E-01	.2561E+01	.004	-1.004
85.	2000.	.1142E-01	.2825E+01	.004	-1.004
90.	2000.	.1169E-01	.3109E+01	.004	-1.004
95.	2000.	.1195E-01	.3413E+01	.004	-1.004
100.	2000.	.1218E-01	.3739E+01	.003	-1.003
105.	2000.	.1240E-01	.4088E+01	.003	-1.003
110.	2000.	.1260E-01	.4461E+01	.003	-1.003
115.	2000.	.1279E-01	.4859E+01	.003	-1.003
120.	2000.	.1297E-01	.5283E+01	.002	-1.002

1800 F BIAxIAL OXY ENGR LENGTH TRUE DIAMETER 1978									
LENGTH 1800 F OXY BIAxIAL ENGR 1978									
2	-4.60500E+00	4.78800E+00	0.	0.	0.	0.			2
2									3
0.		1.46600E+03	0.	0.	0.	0.			4
16									5
-1.40024E+01	1.60472E-03	2.45947E-05	1.38579E-03	-1.39986E+01	1.03222E-04				6
1.41495E-02	4.12764E-04	-1.39995E+01	1.32069E+00	1.30131E-05	-1.10447E-04				7
-3.88778E-01	4.24042E-01	-9.84399E-04	-1.11016E-05	0.					8
									9
DIAMETER 1800 F OXY BIAxIAL TRUE FIT 1978									
3	-4.60500E+00	1.10000E+00	4.80000E+00	0.	0.	0.			2
4									3
0.		4.23000E+02	1.05100E+03	2.80010E+03	0.	0.			4
48									5
-1.40012E+01	3.11347E-03	4.14003E-05	1.22395E-02	-1.40010E+01	-1.52192E-04				6
3.58983E-02	4.90037E-03	-1.39983E+01	-6.40579E-05	5.58537E-02	4.39487E-03				7
-1.39983E+01	4.13322E+00	-7.53565E-06	5.22444E-03	-7.33616E+00	3.19304E-01				8
5.09317E-03	-6.03009E-04	-4.51495E+04	8.26172E-01	5.15055E-03	3.85945E-04				9
-1.39997E+01	3.61245E+00	-2.28059E-07	-3.13337E-03	-4.88167E+00	7.19595E-01				10
3.29591E-03	9.97131E-04	-1.87254E+00	8.34054E-01	3.82142E-03	2.94726E-04				11
-1.39979E+01	2.08845E+00	7.06881E-06	-3.73066E-04	-1.64027E+00	1.24852E+00				12
-9.20044E-04	3.63915E-04	3.70826E+00	3.08018E+00	1.45455E-03	6.51244E-04				13
									14

354	127.5							
354	122.5	1774.3	1.3	0.43724	0.8170E-02	1.18812	0.8248E-02	99.8
354	123.0	1778.8	1.4	0.43694	0.7482E-02	1.18817	0.8295E-02	99.9
354	123.5	1780.9	1.5	0.43594	0.5165E-02	1.18813	0.8255E-02	100.0
354	124.0	1778.8	1.1	0.43666	0.6817E-02	1.18818	0.8304E-02	99.9
354	124.5	1776.5	1.1	0.43685	0.7273E-02	1.18815	0.8276E-02	99.9
354	125.0	1775.7	1.6	0.43747	0.8693E-02	1.18824	0.8354E-02	99.7
354	125.5	1774.4	1.3	0.43628	0.5950E-02	1.18823	0.8347E-02	99.8
354	126.0	1773.4	1.4	0.43692	0.7422E-02	1.18908	0.9066E-02	100.2
354	126.5	1773.9	1.1	0.43657	0.6622E-02	1.18823	0.8347E-02	99.7
354	127.0	1774.4	1.7	0.43788	0.9635E-02	1.18830	0.8403E-02	99.9
354	127.5	1776.8	1.6	0.43718	0.8028E-02	1.18862	0.8673E-02	89.5
354	128.0	1786.2	1.9	0.43753	0.8835E-02	1.18882	0.8645E-02	92.8
354	128.5	1788.3	1.5	0.43798	0.9859E-02	1.18903	0.9020E-02	96.2
354	129.0	1788.0	1.8	0.43861	0.1132E-01	1.18912	0.9102E-02	99.2
354	129.5	1784.7	1.6	0.43834	0.1070E-01	1.18919	0.9161E-02	101.8
354	130.0	1782.3	1.5	0.43855	0.1118E-01	1.18921	0.9174E-02	102.5
354	130.5	1779.7	1.8	0.43790	0.9679E-02	1.18933	0.9280E-02	103.6
354	131.0	1777.9	1.9	0.43849	0.1105E-01	1.18935	0.9293E-02	103.5
354	131.5	1777.6	1.7	0.43799	0.9889E-02	1.18945	0.9382E-02	103.6
354	132.0	1778.2	1.7	0.43793	0.9747E-02	1.18945	0.9382E-02	103.9
354	132.5	1778.9	1.5	0.43821	0.1040E-01	1.18950	0.9416E-02	104.0
354	133.0	1780.9	1.6	0.43385	0.1187E-01	1.18958	0.9491E-02	103.9
354	133.5	1782.2	1.8	0.43696	0.1214E-01	1.18965	0.9547E-02	103.7
354	134.0	1783.3	1.2	0.43861	0.1132E-01	1.18969	0.9586E-02	103.6
354	134.5	1783.6	1.6	0.43863	0.1137E-01	1.18974	0.9626E-02	103.4
354	135.0	1781.9	1.7	0.43866	0.1143E-01	1.18972	0.9609E-02	103.3
354	135.5	1781.6	1.3	0.43886	0.1190E-01	1.18979	0.9666E-02	103.4
354	136.0	1783.5	1.6	0.43881	0.1179E-01	1.18979	0.9665E-02	103.4
354	136.5	1784.4	1.6	0.43876	0.1166E-01	1.18985	0.9718E-02	102.8
354	137.0	1783.6	1.9	0.43819	0.1036E-01	1.18988	0.9741E-02	102.8
354	137.5	1783.0	1.7	0.43884	0.1185E-01	1.18990	0.9764E-02	102.8
354	138.0	1782.1	1.3	0.43873	0.1161E-01	1.18988	0.9748E-02	103.0
354	138.5	1785.3	1.7	0.43824	0.1047E-01	1.18993	0.9791E-02	102.7
354	139.0	1786.3	1.8	0.43454	0.1347E-01	1.19006	0.9899E-02	102.4
354	139.5	1788.2	1.7	0.43868	0.1147E-01	1.19003	0.9870E-02	102.3
354	140.0	1787.8	1.7	0.43904	0.1231E-01	1.19003	0.9870E-02	102.5
354	140.5	1786.8	1.7	0.43855	0.1117E-01	1.19007	0.9906E-02	102.5
354	141.0	1787.2	1.6	0.43940	0.1314E-01	1.19008	0.9916E-02	102.0
354	141.5	1786.4	1.4	0.43949	0.1335E-01	1.19013	0.9956E-02	102.5
354	142.0	1785.3	1.8	0.43921	0.1271E-01	1.19014	0.9962E-02	101.9
354	142.5	1788.1	1.5	0.43883	0.1184E-01	1.19018	0.9949E-02	102.4
354	143.0	1790.4	1.6	0.43947	0.1330E-01	1.19026	0.1006E-01	102.1
354	143.5	1791.5	1.8	0.43910	0.1245E-01	1.19031	0.1011E-01	102.0
354	144.0	1791.0	1.4	0.43927	0.1253E-01	1.19031	0.1011E-01	102.0
354	144.5	1791.0	1.9	0.43932	0.1296E-01	1.19033	0.1013E-01	102.1
354	145.0	1791.6	1.6	0.43966	0.1374E-01	1.19036	0.1015E-01	102.2
354	145.5	1792.0	2.0	0.43903	0.1228E-01	1.19040	0.1019E-01	102.1
354	146.0	1792.1	2.1	0.43940	0.1315E-01	1.19033	0.1013E-01	101.9
354	146.5	1791.0	1.6	0.43946	0.1329E-01	1.19037	0.1016E-01	101.8
354	147.0	1793.0	1.7	0.43908	0.1242E-01	1.19040	0.1019E-01	102.0
354	147.5	1792.4	1.4	0.43947	0.1330E-01	1.19053	0.1029E-01	101.7
354	148.0	1792.4	1.7	0.43975	0.1396E-01	1.19052	0.1029E-01	101.7
354	148.5	1794.2	1.4	0.43934	0.1301E-01	1.19057	0.1033E-01	101.7
354	149.0	1797.0	2.0	0.44017	0.1491E-01	1.19061	0.1036E-01	102.0
354	149.5	1798.5	1.6	0.43890	0.1198E-01	1.19063	0.1036E-01	101.6
354	150.0	1798.6	1.6	0.43969	0.1381E-01	1.19054	0.1035E-01	101.7
354	150.5	1797.4	1.6	0.43976	0.1398E-01	1.19064	0.1039E-01	101.8
354	151.0	1797.0	1.5	0.43969	0.1381E-01	1.19064	0.1039E-01	101.8
354	151.5	1794.2	1.6	0.43971	0.1387E-01	1.19064	0.1039E-01	101.8

354	152.0	1792.1	1.1	0.43473	0.1390E-01	1.19070	0.1044E-01	101.5
354	152.5	1794.0	1.8	0.43964	0.1369E-01	1.19076	0.1049E-01	101.5
354	153.0	1794.5	1.7	0.44027	0.1515E-01	1.19077	0.1050E-01	101.2
354	153.5	1793.4	1.5	0.43464	0.1381E-01	1.19081	0.1053E-01	100.8
354	154.0	1794.4	2.0	0.43838	0.1079E-01	1.19082	0.1054E-01	101.0
354	154.5	1796.2	1.7	0.44006	0.1466E-01	1.19192	0.1147E-01	100.8
354	155.0	1797.1	1.3	0.43463	0.1367E-01	1.19086	0.1058E-01	101.1
354	155.5	1798.6	1.8	0.43888	0.1194E-01	1.19090	0.1061E-01	100.8
354	156.0	1799.7	1.8	0.43936	0.1305E-01	1.19094	0.1064E-01	100.7
354	156.5	1802.1	1.8	0.43483	0.1413E-01	1.19095	0.1065E-01	100.2
354	157.0	1802.0	2.0	0.43400	0.1222E-01	1.19099	0.1066E-01	100.2
354	157.5	1801.7	1.7	0.44019	0.1497E-01	1.19100	0.1064E-01	100.6
354	158.0	1801.2	1.9	0.44026	0.1514E-01	1.19098	0.1068E-01	100.2
354	158.5	1799.0	1.6	0.44063	0.1597E-01	1.19096	0.1066E-01	100.2
354	159.0	1798.4	1.4	0.43998	0.1449E-01	1.19102	0.1071E-01	100.1
354	159.5	1797.9	1.9	0.43992	0.1434E-01	1.19104	0.1073E-01	100.3
354	160.0	1796.1	1.3	0.43960	0.1360E-01	1.19101	0.1070E-01	100.1
354	160.5	1794.4	1.4	0.43993	0.1437E-01	1.18857	0.8633E-02	99.8
354	161.0	1798.8	2.1	0.44003	0.1460E-01	1.19111	0.1074E-01	100.0
354	161.5	1800.6	2.0	0.44019	0.1496E-01	1.19112	0.1074E-01	99.9
354	162.0	1802.5	2.4	0.44050	0.1568E-01	1.19113	0.1081E-01	99.9
354	162.5	1804.0	2.0	0.44004	0.1461E-01	1.19114	0.1082E-01	100.0
354	163.0	1802.2	1.8	0.44009	0.1474E-01	1.19109	0.1077E-01	99.9
354	163.5	1800.8	1.5	0.43971	0.1386E-01	1.19120	0.1087E-01	99.8
354	164.0	1797.7	1.6	0.43482	0.1410E-01	1.19126	0.1092E-01	100.0
354	164.5	1799.9	2.1	0.43977	0.1400E-01	1.19126	0.1092E-01	100.0
354	165.0	1798.9	1.7	0.43986	0.1421E-01	1.19124	0.1084E-01	100.1
354	165.5	1800.1	1.8	0.44080	0.1637E-01	1.19132	0.1096E-01	99.9
354	166.0	1800.8	1.7	0.43978	0.1401E-01	1.19132	0.1097E-01	99.9
354	166.5	1800.2	1.4	0.43956	0.1351E-01	1.19133	0.1097E-01	99.9
354	167.0	1799.7	2.0	0.44017	0.1491E-01	1.19120	0.1087E-01	100.0
354	167.5	1798.2	1.7	0.44000	0.1452E-01	1.19133	0.1096E-01	99.7
354	168.0	1799.1	1.8	0.43935	0.1302E-01	1.19142	0.1105E-01	99.8
354	168.5	1803.1	2.2	0.44009	0.1474E-01	1.19142	0.1105E-01	99.8
354	169.0	1801.2	1.3	0.43959	0.1357E-01	1.19142	0.1105E-01	100.1
354	169.5	1800.8	2.0	0.44014	0.1484E-01	1.19143	0.1106E-01	100.0
354	170.0	1799.8	1.4	0.44002	0.1458E-01	1.19141	0.1104E-01	99.6
354	170.5	1799.4	2.0	0.44047	0.1561E-01	1.19149	0.1111E-01	99.9
354	171.0	1798.7	1.9	0.43954	0.1348E-01	1.19144	0.1107E-01	100.1
354	171.5	1798.0	1.9	0.44102	0.1688E-01	1.19154	0.1115E-01	99.7
354	172.0	1799.7	1.8	0.44035	0.1534E-01	1.19159	0.1114E-01	100.1
354	172.5	1799.5	1.8	0.44045	0.1557E-01	1.19160	0.1120E-01	99.8
354	173.0	1799.5	2.3	0.44012	0.1481E-01	1.19162	0.1122E-01	99.4
354	173.5	1799.9	1.5	0.43444	0.1438E-01	1.19159	0.1114E-01	99.8
354	174.0	1798.7	1.6	0.44048	0.1564E-01	1.19164	0.1123E-01	100.0
354	174.5	1799.4	1.8	0.44043	0.1552E-01	1.19162	0.1122E-01	99.4
354	175.0	1801.1	2.3	0.43485	0.1419E-01	1.19163	0.1123E-01	99.9
354	175.5	1801.5	1.6	0.43495	0.1441E-01	1.19165	0.1124E-01	99.8
354	176.0	1801.0	1.3	0.44054	0.1576E-01	1.19167	0.1126E-01	99.6
354	176.5	1803.0	1.7	0.44021	0.1500E-01	1.19174	0.1133E-01	99.9
354	177.0	1802.4	1.9	0.43444	0.1434E-01	1.19174	0.1132E-01	100.0
354	177.5	1800.7	1.7	0.43952	0.1343E-01	1.19173	0.1131E-01	100.0
354	178.0	1800.8	2.0	0.44055	0.1574E-01	1.19170	0.1124E-01	99.9
354	178.5	1801.5	2.0	0.44004	0.1474E-01	1.19176	0.1134E-01	99.4
354	179.0	1800.2	1.6	0.44101	0.1685E-01	1.19177	0.1135E-01	99.8
354	179.5	1796.0	1.9	0.44005	0.1464E-01	1.19175	0.1133E-01	99.8
354	180.0	1796.8	1.8	0.44115	0.1718E-01	1.19180	0.1137E-01	99.9
354	180.5	1796.9	2.4	0.44064	0.1601E-01	1.19185	0.1141E-01	99.8
354	181.0	1797.5	2.1	0.44116	0.1720E-01	1.19183	0.1140E-01	100.1
354	181.5	1799.4	1.8	0.44094	0.1669E-01	1.19185	0.1142E-01	100.0

354	182.0	1801.4	1.9	0.44068	0.1610E-01	1.18942	0.9356E-02	99.8
354	182.5	1801.9	1.9	0.44016	0.1490E-01	1.19191	0.1147E-01	99.8
354	183.0	1801.2	2.1	0.44011	0.1479E-01	1.19188	0.1145E-01	100.0
354	183.5	1799.9	2.3	0.44106	0.1698E-01	1.19187	0.1143E-01	99.9
354	184.0	1798.8	2.0	0.43951	0.1339E-01	1.19191	0.1146E-01	99.7
354	184.5	1801.4	1.8	0.43980	0.1406E-01	1.19195	0.1150E-01	99.7
354	185.0	1802.7	2.0	0.44140	0.1776E-01	1.19193	0.1148E-01	99.8
354	185.5	1803.0	1.4	0.44091	0.1662E-01	1.19190	0.1145E-01	99.9
354	186.0	1803.2	1.9	0.44114	0.1716E-01	1.19195	0.1150E-01	99.6
354	186.5	1804.0	2.1	0.43994	0.1439E-01	1.19200	0.1154E-01	99.8
354	187.0	1801.5	1.7	0.44006	0.1466E-01	1.19197	0.1151E-01	99.9
354	187.5	1799.8	1.4	0.44042	0.1550E-01	1.19194	0.1149E-01	100.0
354	188.0	1799.3	1.8	0.44033	0.1529E-01	1.19198	0.1152E-01	99.8
354	188.5	1796.3	1.1	0.44088	0.1656E-01	1.19204	0.1157E-01	99.9
354	189.0	1796.0	1.6	0.43989	0.1428E-01	1.19205	0.1156E-01	99.7
354	189.5	1794.2	1.7	0.44021	0.1501E-01	1.19204	0.1158E-01	99.7
354	190.0	1797.8	1.8	0.43960	0.1360E-01	1.19207	0.1160E-01	99.5
354	190.5	1800.2	1.8	0.44093	0.1688E-01	1.19205	0.1154E-01	99.7
354	191.0	1801.3	1.4	0.44006	0.1467E-01	1.19208	0.1161E-01	99.7
354	191.5	1802.2	1.6	0.44060	0.1592E-01	1.19208	0.1161E-01	99.8
354	192.0	1801.0	1.4	0.43995	0.1440E-01	1.19207	0.1161E-01	99.9
354	192.5	1799.5	1.7	0.43977	0.1401E-01	1.19214	0.1167E-01	99.7
354	193.0	1798.6	2.1	0.43973	0.1390E-01	1.19212	0.1164E-01	99.8
354	193.5	1797.5	1.8	0.43977	0.1401E-01	1.19221	0.1172E-01	99.8
354	194.0	1795.8	1.7	0.44042	0.1549E-01	1.19215	0.1167E-01	99.9
354	194.5	1792.2	1.8	0.44004	0.1461E-01	1.19212	0.1165E-01	99.6
354	195.0	1795.1	2.0	0.44095	0.1672E-01	1.19214	0.1168E-01	99.6
354	195.5	1795.3	1.8	0.43961	0.1363E-01	1.19218	0.1170E-01	99.7
354	196.0	1798.2	1.6	0.44109	0.1703E-01	1.19229	0.1179E-01	99.8
354	196.5	1799.7	1.6	0.44128	0.1749E-01	1.19228	0.1178E-01	99.5
354	197.0	1800.6	1.4	0.44147	0.1792E-01	1.19228	0.1178E-01	99.7
354	197.5	1800.7	1.5	0.44089	0.1657E-01	1.19228	0.1178E-01	99.5
354	198.0	1801.9	2.0	0.44054	0.1577E-01	1.19228	0.1178E-01	99.5
354	198.5	1802.2	1.2	0.43986	0.1421E-01	1.19233	0.1182E-01	99.8
354	199.0	1802.4	1.4	0.44048	0.1563E-01	1.19236	0.1185E-01	99.2
354	199.5	1802.8	1.8	0.44026	0.1512E-01	1.19236	0.1185E-01	99.4
354	200.0	1800.5	1.1	0.44124	0.1739E-01	1.19236	0.1185E-01	99.6
354	200.5	1800.3	1.8	0.44119	0.1727E-01	1.19240	0.1188E-01	99.7
354	201.0	1800.8	1.5	0.43996	0.1443E-01	1.19245	0.1193E-01	99.4
354	201.5	1798.5	1.9	0.44054	0.1577E-01	1.19239	0.1187E-01	99.5
354	202.0	1798.4	1.8	0.44132	0.1756E-01	1.19242	0.1190E-01	99.7
354	202.5	1798.2	1.7	0.44006	0.1467E-01	1.19243	0.1191E-01	99.4
354	203.0	1798.4	1.7	0.44075	0.1626E-01	1.19244	0.1192E-01	99.7
354	203.5	1797.2	1.6	0.44143	0.1782E-01	1.19245	0.1192E-01	99.8
354	204.0	1796.2	1.8	0.44077	0.1629E-01	1.19243	0.1191E-01	99.7
354	204.5	1796.9	1.1	0.44045	0.1557E-01	1.19248	0.1195E-01	99.8
354	205.0	1796.2	1.8	0.44109	0.1703E-01	1.19251	0.1198E-01	99.9
354	205.5	1800.2	1.8	0.44107	0.1700E-01	1.19247	0.1194E-01	99.4
354	206.0	1803.9	1.8	0.44054	0.1578E-01	1.19248	0.1195E-01	99.9
354	206.5	1803.9	1.5	0.44024	0.1520E-01	1.19249	0.1198E-01	100.0
354	207.0	1803.4	1.8	0.44021	0.1500E-01	1.19254	0.1200E-01	99.4
354	207.5	1800.2	1.3	0.44142	0.1780E-01	1.19251	0.1197E-01	100.0
354	208.0	1798.4	1.6	0.44116	0.1719E-01	1.19252	0.1198E-01	100.1
354	208.5	1798.3	2.0	0.44016	0.1489E-01	1.19250	0.1197E-01	100.2
354	209.0	1794.9	1.1	0.44139	0.1773E-01	1.19253	0.1200E-01	99.8
354	209.5	1794.4	1.5	0.44050	0.1569E-01	1.19164	0.1128E-01	100.0
354	210.0	1795.1	1.7	0.44115	0.1718E-01	1.19253	0.1200E-01	99.8
354	210.5	1794.9	1.8	0.44091	0.1663E-01	1.19259	0.1204E-01	100.3
354	211.0	1798.3	1.6	0.44077	0.1629E-01	1.19261	0.1206E-01	100.0
354	211.5	1799.8	1.9	0.44035	0.1535E-01	1.19259	0.1204E-01	100.3

354	212.0	1798.2	1.3	0.44002	0.1457E-01	1.19265	0.1204E-01	99.8
354	212.5	1801.6	1.3	0.44134	0.1762E-01	1.19272	0.1216E-01	100.2
354	213.0	1803.4	1.4	0.44137	0.1769E-01	1.19271	0.1215E-01	100.1
354	213.5	1804.6	2.0	0.44118	0.1724E-01	1.19270	0.1214E-01	100.2
354	214.0	1806.3	2.1	0.43944	0.1438E-01	1.19272	0.1215E-01	100.2
354	214.5	1805.0	1.6	0.44125	0.1740E-01	1.19269	0.1213E-01	100.1
354	215.0	1801.4	1.5	0.44177	0.1860E-01	1.19264	0.1213E-01	100.3
354	215.5	1798.0	1.3	0.43946	0.1329E-01	1.19275	0.1216E-01	100.1
354	216.0	1794.8	1.6	0.43943	0.1322E-01	1.19270	0.1214E-01	100.2
354	216.5	1793.5	2.0	0.44145	0.1787E-01	1.19276	0.1214E-01	100.3
354	217.0	1795.2	1.9	0.43983	0.1414E-01	1.19277	0.1220E-01	100.4
354	217.5	1797.4	1.8	0.44165	0.1834E-01	1.19284	0.1226E-01	100.2
354	218.0	1800.9	2.1	0.44103	0.1691E-01	1.19283	0.1225E-01	100.3
354	218.5	1804.7	2.0	0.44135	0.1765E-01	1.19286	0.1227E-01	100.1
354	219.0	1807.0	2.0	0.44065	0.1603E-01	1.19287	0.1229E-01	100.3
354	219.5	1807.2	1.9	0.44055	0.1579E-01	1.19285	0.1227E-01	100.1
354	220.0	1804.2	1.6	0.44146	0.1790E-01	1.19287	0.1229E-01	100.4
354	220.5	1801.1	1.6	0.44182	0.1872E-01	1.19284	0.1226E-01	100.4
354	221.0	1798.8	2.3	0.44077	0.1629E-01	1.19278	0.1226E-01	100.3
354	221.5	1795.4	2.0	0.44097	0.1676E-01	1.19274	0.1222E-01	100.6
354	222.0	1794.6	1.8	0.44100	0.1683E-01	1.19283	0.1225E-01	100.5
354	222.5	1794.9	2.0	0.43347	-0.5382E-03	1.19292	0.1232E-01	100.3
354	223.0	1796.8	1.7	0.44033	0.1529E-01	1.19293	0.1233E-01	100.4
354	223.5	1800.2	2.1	0.44117	0.1722E-01	1.19305	0.1244E-01	100.3
354	224.0	1802.6	2.0	0.44012	0.1480E-01	1.19303	0.1242E-01	100.2
354	224.5	1803.9	1.4	0.44168	0.1839E-01	1.19301	0.1240E-01	100.3
354	225.0	1805.9	2.1	0.44089	0.1657E-01	1.19246	0.1235E-01	100.2
354	225.5	1802.6	1.6	0.44116	0.1721E-01	1.19247	0.1237E-01	100.2
354	226.0	1800.0	1.7	0.44161	0.1825E-01	1.19297	0.1237E-01	100.3
354	226.5	1799.6	2.1	0.44073	0.1622E-01	1.19301	0.1240E-01	99.9
354	227.0	1797.7	1.4	0.44157	0.1815E-01	1.19400	0.1324E-01	99.7
354	227.5	1799.0	1.4	0.44137	0.1768E-01	1.19302	0.1241E-01	100.1
354	228.0	1798.7	1.9	0.44039	0.1542E-01	1.19309	0.1247E-01	100.3
354	228.5	1798.9	1.8	0.44165	0.1833E-01	1.19302	0.1241E-01	100.1
354	229.0	1797.5	1.4	0.44074	0.1623E-01	1.19305	0.1244E-01	100.0
354	229.5	1798.5	1.7	0.44022	0.1505E-01	1.19300	0.1239E-01	100.0
354	230.0	1800.3	1.8	0.44070	0.1629E-01	1.19300	0.1239E-01	100.2
354	230.5	1802.4	1.5	0.44089	0.1659E-01	1.19305	0.1243E-01	100.0
354	231.0	1799.9	1.3	0.44166	0.1836E-01	1.19304	0.1243E-01	100.0
354	231.5	1801.5	1.8	0.44159	0.1820E-01	1.19310	0.1247E-01	100.3
354	232.0	1801.1	1.8	0.44160	0.1822E-01	1.19311	0.1249E-01	99.8
354	232.5	1798.8	1.7	0.44051	0.1570E-01	1.19307	0.1245E-01	100.0
354	233.0	1798.8	1.4	0.44032	0.1527E-01	1.19307	0.1245E-01	100.0
354	233.5	1799.9	1.5	0.44063	0.1598E-01	1.19313	0.1251E-01	100.4
354	234.0	1801.0	1.6	0.44081	0.1640E-01	1.19317	0.1253E-01	100.2
354	234.5	1803.4	2.0	0.44091	0.1662E-01	1.19316	0.1253E-01	100.1
354	235.0	1803.7	2.0	0.44167	0.1838E-01	1.19315	0.1252E-01	100.1
354	235.5	1802.7	2.0	0.44202	0.1919E-01	1.19317	0.1254E-01	100.0
354	236.0	1801.5	1.4	0.44134	0.1752E-01	1.19320	0.1256E-01	100.3
354	236.5	1801.3	2.0	0.44149	0.1796E-01	1.19321	0.1257E-01	99.8
354	237.0	1798.6	1.4	0.44151	0.1800E-01	1.19329	0.1264E-01	100.1
354	237.5	1799.3	1.5	0.44150	0.1796E-01	1.19327	0.1262E-01	100.1
354	238.0	1801.3	2.3	0.44159	0.1820E-01	1.19326	0.1261E-01	100.0
354	238.5	1800.7	1.6	0.44203	0.1921E-01	1.19326	0.1261E-01	100.0
354	239.0	1800.7	2.3	0.44109	0.1704E-01	1.19332	0.1266E-01	100.0
354	239.5	1801.3	1.9	0.44222	0.1964E-01	1.19330	0.1264E-01	100.2
354	240.0	1799.4	1.4	0.44183	0.1874E-01	1.19324	0.1259E-01	100.2

355	143.5							
355	138.5	910.7	21.0	0.43536	0.4465E-02	1.16377	0.3474E-02	116.1
355	139.0	1301.8	18.4	0.43944	0.1388E-01	1.16554	0.5003E-02	116.1
355	139.5	1611.8	11.1	0.43658	0.7280E-02	1.17128	0.9945E-02	116.9
355	140.0	1734.2	4.3	0.43707	0.8414E-02	1.16843	0.7919E-02	117.6
355	140.5	1840.2	1.7	0.43719	0.8697E-02	1.16940	0.8324E-02	117.6
355	141.0	1878.3	2.3	0.43717	0.8653E-02	1.16949	0.8408E-02	117.5
355	141.5	1890.2	1.6	0.43735	0.9065E-02	1.16948	0.8394E-02	117.6
355	142.0	1885.4	1.2	0.43723	0.8791E-02	1.16935	0.8287E-02	117.5
355	142.5	1864.8	1.0	0.43714	0.8579E-02	1.16920	0.8153E-02	117.7
355	143.0	1837.2	1.1	0.43712	0.8526E-02	1.16898	0.7966E-02	110.2
355	143.5	1818.7	1.3	0.43798	0.1052E-01	1.16924	0.8187E-02	107.0
355	144.0	1796.9	1.7	0.43824	0.1111E-01	1.16919	0.8143E-02	110.4
355	144.5	1777.4	2.1	0.43859	0.1192E-01	1.16922	0.8174E-02	113.6
355	145.0	1765.1	2.6	0.43875	0.1230E-01	1.16935	0.8284E-02	116.9
355	145.5	1760.2	2.9	0.43882	0.1246E-01	1.16949	0.8401E-02	119.4
355	146.0	1760.1	2.9	0.43911	0.1312E-01	1.16947	0.8384E-02	122.1
355	146.5	1762.2	3.0	0.43940	0.1378E-01	1.16956	0.8465E-02	122.8
355	147.0	1764.9	3.3	0.43951	0.1403E-01	1.16971	0.8599E-02	122.8
355	147.5	1769.3	2.9	0.43962	0.1430E-01	1.16980	0.8664E-02	122.7
355	148.0	1772.0	3.0	0.43984	0.1481E-01	1.16985	0.8713E-02	122.8
355	148.5	1773.3	2.8	0.43999	0.1515E-01	1.16991	0.8768E-02	122.3
355	149.0	1774.6	2.9	0.44012	0.1545E-01	1.17001	0.8857E-02	121.9
355	149.5	1774.8	3.1	0.44017	0.1557E-01	1.17003	0.8873E-02	121.5
355	150.0	1773.4	2.8	0.44028	0.1581E-01	1.16995	0.8800E-02	121.4
355	150.5	1772.4	2.8	0.44032	0.1592E-01	1.17013	0.8957E-02	121.2
355	151.0	1771.7	2.7	0.44060	0.1656E-01	1.17016	0.8987E-02	120.7
355	151.5	1771.3	2.8	0.44073	0.1686E-01	1.17020	0.9017E-02	120.6
355	152.0	1770.6	3.0	0.44089	0.1722E-01	1.17027	0.9074E-02	120.2
355	152.5	1770.8	3.1	0.44082	0.1707E-01	1.17028	0.9088E-02	120.3
355	153.0	1767.8	3.0	0.44109	0.1770E-01	1.17029	0.9094E-02	120.2
355	153.5	1768.2	3.1	0.44116	0.1796E-01	1.17039	0.9185E-02	119.8
355	154.0	1769.6	3.1	0.44126	0.1808E-01	1.17050	0.9272E-02	119.6
355	154.5	1772.7	2.9	0.44141	0.1843E-01	1.17055	0.9322E-02	119.7
355	155.0	1775.4	3.0	0.44148	0.1858E-01	1.17058	0.9345E-02	119.5
355	155.5	1776.6	3.1	0.44144	0.1850E-01	1.17066	0.9418E-02	119.5
355	156.0	1777.8	2.8	0.44165	0.1898E-01	1.17067	0.9419E-02	119.4
355	156.5	1777.2	2.8	0.44182	0.1937E-01	1.17070	0.9446E-02	118.9
355	157.0	1776.0	2.9	0.44198	0.1975E-01	1.17081	0.9543E-02	119.2
355	157.5	1774.4	2.5	0.44201	0.1982E-01	1.17076	0.9516E-02	119.1
355	158.0	1776.2	2.5	0.44201	0.1982E-01	1.17080	0.9536E-02	119.1
355	158.5	1776.2	2.8	0.44222	0.2030E-01	1.17088	0.9601E-02	118.9
355	159.0	1776.7	2.8	0.44238	0.2066E-01	1.17103	0.9734E-02	118.8
355	159.5	1777.6	3.2	0.44260	0.2118E-01	1.17100	0.9707E-02	119.0
355	160.0	1778.7	2.1	0.44247	0.2088E-01	1.17107	0.9764E-02	119.1
355	160.5	1776.7	2.5	0.44257	0.2111E-01	1.17110	0.9841E-02	118.9
355	161.0	1776.2	2.8	0.44294	0.2196E-01	1.17110	0.9844E-02	118.9
355	161.5	1776.5	3.3	0.44304	0.2218E-01	1.17121	0.9865E-02	118.6
355	162.0	1777.1	3.0	0.44311	0.2235E-01	1.17129	0.9958E-02	118.6
355	162.5	1780.9	3.0	0.44329	0.2275E-01	1.17143	0.1008E-01	119.0
355	163.0	1782.5	3.0	0.44345	0.2314E-01	1.17144	0.1009E-01	118.8
355	163.5	1781.2	3.0	0.44367	0.2365E-01	1.17150	0.1014E-01	118.7
355	164.0	1780.7	2.7	0.44365	0.2360E-01	1.17147	0.1011E-01	119.0
355	164.5	1781.3	2.9	0.44378	0.2389E-01	1.17159	0.1021E-01	118.8
355	165.0	1783.2	3.0	0.44384	0.2402E-01	1.17166	0.1027E-01	118.6
355	165.5	1784.3	3.2	0.44399	0.2437E-01	1.17169	0.1030E-01	118.6
355	166.0	1783.4	2.9	0.44415	0.2474E-01	1.17175	0.1035E-01	118.6
355	166.5	1782.7	3.1	0.44432	0.2513E-01	1.17178	0.1038E-01	118.6
355	167.0	1781.1	3.0	0.44441	0.2534E-01	1.17183	0.1043E-01	118.8
355	167.5	1781.5	2.9	0.44463	0.2585E-01	1.17182	0.1042E-01	118.

355	168.0	1781.3	2.9	0.44466	0.2592E-01	1.17199	0.1058E-01	118.6
355	168.5	1783.3	3.2	0.44483	0.2631E-01	1.17201	0.1058E-01	118.7
355	169.0	1784.2	3.4	0.44504	0.2681E-01	1.17201	0.1058E-01	118.3
355	169.5	1784.9	2.7	0.44513	0.2701E-01	1.17209	0.1064E-01	118.6
355	170.0	1784.9	2.8	0.44524	0.2727E-01	1.17223	0.1077E-01	118.4
355	170.5	1786.2	2.8	0.44534	0.2749E-01	1.17222	0.1076E-01	118.6
355	171.0	1786.8	3.1	0.44552	0.2790E-01	1.17220	0.1075E-01	118.6
355	171.5	1787.3	2.8	0.44559	0.2808E-01	1.17230	0.1083E-01	118.5
355	172.0	1788.8	3.0	0.44572	0.2836E-01	1.17229	0.1082E-01	118.3
355	172.5	1789.6	3.1	0.44585	0.2868E-01	1.17240	0.1091E-01	118.5
355	173.0	1789.5	2.9	0.44594	0.2888E-01	1.17248	0.1094E-01	118.4
355	173.5	1789.9	3.2	0.44611	0.2927E-01	1.17252	0.1102E-01	118.0
355	174.0	1788.4	2.7	0.44638	0.2989E-01	1.17252	0.1102E-01	117.9
355	174.5	1789.9	3.0	0.44647	0.3010E-01	1.17258	0.1107E-01	118.1
355	175.0	1790.8	3.2	0.44660	0.3040E-01	1.17260	0.1109E-01	118.0
355	175.5	1788.8	2.8	0.44663	0.3047E-01	1.17264	0.1112E-01	117.8
355	176.0	1790.3	2.9	0.44679	0.3083E-01	1.17270	0.1117E-01	117.8
355	176.5	1791.5	2.9	0.44697	0.3125E-01	1.17274	0.1121E-01	117.6
355	177.0	1792.3	2.7	0.44699	0.3131E-01	1.17287	0.1132E-01	118.2
355	177.5	1792.5	3.1	0.44717	0.3173E-01	1.17284	0.1124E-01	118.4
355	178.0	1790.0	2.9	0.44733	0.3209E-01	1.17292	0.1136E-01	118.5
355	178.5	1790.2	2.9	0.44749	0.3246E-01	1.17298	0.1141E-01	118.6
355	179.0	1791.1	2.7	0.44760	0.3271E-01	1.17305	0.1147E-01	118.7
355	179.5	1794.9	3.0	0.44780	0.3316E-01	1.17317	0.1150E-01	119.1
355	180.0	1795.4	3.2	0.44797	0.3355E-01	1.17314	0.1155E-01	118.8
355	180.5	1798.1	3.0	0.44808	0.3381E-01	1.17319	0.1154E-01	118.8
355	181.0	1797.1	3.3	0.44822	0.3414E-01	1.17320	0.1161E-01	118.8
355	181.5	1796.8	3.0	0.44837	0.3449E-01	1.17327	0.1166E-01	118.6
355	182.0	1796.5	2.8	0.44848	0.3473E-01	1.17335	0.1173E-01	119.5
355	182.5	1798.1	3.0	0.44216	0.2015E-01	-9.99900	-9.9994E+04	119.4
355	183.0	1798.4	3.1	0.43579	0.5452E-02	1.17347	0.1184E-01	119.5
355	183.5	1800.6	3.1	0.44900	0.3595E-01	1.17353	0.1189E-01	119.2
355	184.0	1801.3	3.1	0.44907	0.3611E-01	1.17353	0.1189E-01	119.6
355	184.5	1798.8	3.2	0.44937	0.3678E-01	1.17365	0.1199E-01	119.4
355	185.0	1796.1	3.1	0.44948	0.3704E-01	1.17369	0.1202E-01	119.8
355	185.5	1796.1	2.9	0.44844	0.3464E-01	1.17378	0.1210E-01	119.8
355	186.0	1795.1	3.0	0.44989	0.3799E-01	1.17382	0.1214E-01	119.9
355	186.5	1796.0	2.8	0.45004	0.3834E-01	1.17385	0.1216E-01	119.9
355	187.0	1799.8	2.9	0.45024	0.3880E-01	1.17382	0.1213E-01	119.8
355	187.5	1802.0	3.1	0.45040	0.3918E-01	1.17390	0.1221E-01	119.8
355	188.0	1801.9	2.7	0.45062	0.3968E-01	1.17397	0.1227E-01	119.9
355	188.5	1801.5	2.8	0.45071	0.3989E-01	1.17400	0.1230E-01	119.7
355	189.0	1800.6	2.8	0.45092	0.4037E-01	1.17402	0.1231E-01	120.0
355	189.5	1800.2	3.0	0.45110	0.4079E-01	1.17404	0.1233E-01	119.7
355	190.0	1799.1	3.2	0.45130	0.4126E-01	1.17408	0.1236E-01	119.9
355	190.5	1797.5	3.0	0.45024	0.3880E-01	1.17423	0.1250E-01	119.6
355	191.0	1795.6	3.3	0.45042	0.3921E-01	1.17428	0.1254E-01	119.6
355	191.5	1796.0	3.2	0.45197	0.4280E-01	1.17428	0.1253E-01	119.7
355	192.0	1795.2	3.2	0.45213	0.4315E-01	1.17437	0.1262E-01	119.6
355	192.5	1796.5	3.1	0.45241	0.4380E-01	1.17444	0.1267E-01	119.8
355	193.0	1797.7	3.4	0.45258	0.4420E-01	1.17450	0.1273E-01	119.6
355	193.5	1799.6	3.2	0.45274	0.4458E-01	1.17451	0.1273E-01	119.5
355	194.0	1801.7	3.4	0.45287	0.4486E-01	1.17462	0.1283E-01	119.5
355	194.5	1801.1	3.0	0.45305	0.4528E-01	1.17468	0.1288E-01	119.7
355	195.0	1799.9	3.0	0.45340	0.4609E-01	1.17476	0.1295E-01	119.5
355	195.5	1800.4	3.2	0.45208	0.4304E-01	1.17479	0.1298E-01	119.7
355	196.0	1801.4	3.5	0.45236	0.4369E-01	1.17480	0.1298E-01	119.5
355	196.5	1801.4	3.5	0.45397	0.4740E-01	1.17491	0.1308E-01	119.6
355	197.0	1797.8	2.8	0.45425	0.4805E-01	1.17489	0.1306E-01	119.5
355	197.5	1796.7	3.0	0.45456	0.4876E-01	1.17499	0.1315E-01	119.1

355	198.0	1800.1	3.3	0.45463	0.4893E-01	1.17498	0.1314E-01	119
355	198.5	1801.3	3.4	0.45481	0.4935E-01	1.17514	0.1328E-01	119.1
355	199.0	1803.9	3.2	0.45348	0.4627E-01	1.17514	0.1328E-01	119.3
355	199.5	1807.6	3.1	0.45540	0.5064E-01	1.17515	0.1329E-01	119.4
355	200.0	1807.7	3.5	0.45393	0.4731E-01	1.14459	-0.1306E-01	118.9
355	200.5	1806.5	2.7	0.45578	0.5158E-01	1.17534	0.1345E-01	119.4
355	201.0	1805.7	3.1	0.45595	0.5197E-01	1.17544	0.1353E-01	119.2
355	201.5	1804.4	2.8	0.45626	0.5270E-01	1.17541	0.1351E-01	119.1
355	202.0	1803.2	2.8	0.45663	0.5355E-01	1.17548	0.1357E-01	119.2
355	202.5	1802.5	3.0	0.45672	0.5375E-01	1.17551	0.1360E-01	119.3
355	203.0	1800.0	2.5	0.45528	0.5042E-01	1.17550	0.1359E-01	119.3
355	203.5	1801.0	2.9	0.45731	0.5511E-01	1.17556	0.1364E-01	118.9
355	204.0	1799.8	2.8	0.45743	0.5538E-01	1.17557	0.1365E-01	119.2
355	204.5	1801.9	3.1	0.45773	0.5608E-01	1.17565	0.1372E-01	118.9
355	205.0	1800.6	3.0	0.45798	0.5666E-01	1.17570	0.1376E-01	119.3
355	205.5	1800.8	3.2	0.45677	0.5387E-01	1.17576	0.1381E-01	119.1
355	206.0	1799.7	3.3	0.45801	0.5671E-01	1.17574	0.1379E-01	119.1
355	206.5	1801.7	3.3	0.45794	0.5657E-01	1.17577	0.1382E-01	119.0
355	207.0	1800.3	3.1	0.45696	0.5431E-01	1.17585	0.1389E-01	119.1
355	207.5	1800.5	2.9	0.45929	0.5968E-01	1.17595	0.1397E-01	119.0
355	208.0	1800.2	2.9	0.45940	0.5992E-01	1.17601	0.1403E-01	119.0
355	208.5	1802.5	3.2	0.45960	0.6040E-01	1.17610	0.1410E-01	119.0
355	209.0	1804.0	3.1	0.45990	0.6109E-01	1.17610	0.1411E-01	118.6
355	209.5	1801.1	2.7	0.46009	0.6152E-01	1.17619	0.1416E-01	118.3
355	210.0	1801.5	2.8	0.46036	0.6214E-01	1.17618	0.1418E-01	118.6
355	210.5	1797.2	2.8	0.46067	0.6287E-01	1.17626	0.1424E-01	118.6
355	211.0	1798.2	3.0	0.45863	0.5816E-01	1.17632	0.1430E-01	118.5
355	211.5	1797.4	3.0	0.45906	0.5914E-01	1.17635	0.1432E-01	118.4
355	212.0	1801.4	3.2	0.45935	0.5983E-01	1.17637	0.1434E-01	118.4
355	212.5	1801.2	3.2	0.45949	0.6013E-01	1.17648	0.1444E-01	118.9
355	213.0	1803.1	2.6	0.45975	0.6073E-01	1.17663	0.1456E-01	119.0
355	213.5	1802.3	3.5	0.46003	0.6138E-01	1.17662	0.1455E-01	119.2
355	214.0	1799.5	3.1	0.46023	0.6184E-01	1.17660	0.1454E-01	119.1
355	214.5	1797.1	3.0	0.46048	0.6242E-01	1.17660	0.1454E-01	119.1
355	215.0	1798.7	3.0	0.46307	0.6839E-01	1.17667	0.1459E-01	119.1
355	215.5	1801.6	3.2	0.46337	0.6909E-01	1.17674	0.1466E-01	119.3
355	216.0	1802.6	3.2	0.46370	0.6986E-01	1.17678	0.1469E-01	119.2
355	216.5	1803.6	3.1	0.46158	0.6496E-01	1.17679	0.1470E-01	119.4
355	217.0	1803.7	2.9	0.46188	0.6564E-01	1.17677	0.1468E-01	119.9
355	217.5	1801.0	3.0	0.46453	0.7177E-01	1.17686	0.1476E-01	120.2
355	218.0	1801.2	3.1	0.46471	0.7217E-01	1.17694	0.1483E-01	120.3
355	218.5	1799.8	2.5	0.46269	0.6753E-01	1.17697	0.1486E-01	120.3
355	219.0	1798.5	3.0	0.46545	0.7388E-01	1.17704	0.1491E-01	120.4
355	219.5	1797.3	2.9	0.46581	0.7472E-01	1.17701	0.1489E-01	120.4
355	220.0	1798.1	2.9	0.46612	0.7544E-01	1.17706	0.1493E-01	120.6
355	220.5	1798.8	3.0	0.46645	0.7620E-01	1.17711	0.1497E-01	120.4
355	221.0	1801.3	3.0	0.46677	0.7693E-01	1.17717	0.1503E-01	119.8
355	221.5	1801.8	3.0	0.46716	0.7783E-01	1.17723	0.1506E-01	120.0
355	222.0	1800.8	2.7	0.46747	0.7855E-01	1.17724	0.1508E-01	120.2
355	222.5	1800.8	2.8	0.46777	0.7923E-01	1.17734	0.1517E-01	120.1
355	223.0	1800.8	2.9	0.46813	0.8007E-01	1.17733	0.1516E-01	120.0
355	223.5	1799.3	2.6	0.46845	0.8081E-01	1.17732	0.1516E-01	120.2
355	224.0	1796.8	3.0	0.46878	0.8157E-01	1.17729	0.1513E-01	120.2
355	224.5	1797.9	2.7	0.46910	0.8232E-01	1.17734	0.1516E-01	120.0
355	225.0	1798.4	2.9	0.46946	0.8315E-01	1.17743	0.1525E-01	119.9
355	225.5	1797.4	2.6	0.46982	0.8398E-01	1.17740	0.1522E-01	120.2
355	226.0	1797.6	2.8	0.47015	0.8474E-01	1.17742	0.1525E-01	120.0
355	226.5	1799.7	2.7	0.47063	0.8585E-01	1.17739	0.1522E-01	120.1
355	227.0	1802.5	3.2	0.47094	0.8656E-01	1.17743	0.1525E-01	120.0
355	227.5	1803.0	2.8	0.47133	0.8745E-01	1.17747	0.1529E-01	120.2

355	228.0	1803.9	2.4	0.47160	0.8609E-01	1.17744	0.1526E-01	120.3
355	228.5	1804.8	2.3	0.47212	0.8929E-01	1.17742	0.1525E-01	119.6
355	229.0	1804.6	2.8	0.47245	0.9005E-01	1.17750	0.1531E-01	119.9
355	229.5	1802.7	3.2	0.47293	0.9110E-01	1.17742	0.1524E-01	120.0
355	230.0	1799.9	2.9	0.47329	0.9198E-01	1.17755	0.1535E-01	120.0
355	230.5	1800.7	3.0	0.47347	0.9240E-01	1.17747	0.1529E-01	120.2
355	231.0	1803.7	2.7	0.47405	0.9373E-01	1.17742	0.1524E-01	120.1
355	231.5	1806.1	2.7	0.47444	0.9463E-01	1.17737	0.1520E-01	120.0
355	232.0	1806.4	2.8	0.47478	0.9542E-01	1.17728	0.1512E-01	119.6
355	232.5	1805.7	3.0	0.47513	0.9623E-01	1.17727	0.1511E-01	120.0
355	233.0	1803.6	2.5	0.47558	0.9726E-01	1.17712	0.1498E-01	120.0
355	233.5	1803.1	2.7	0.47599	0.9820E-01	1.17709	0.1498E-01	119.7
355	234.0	1802.7	2.9	0.47650	0.9938E-01	1.17706	0.1493E-01	120.0
355	234.5	1803.8	2.5	0.47680	0.1001E+00	1.17694	0.1483E-01	119.9
355	235.0	1803.6	2.8	0.47429	0.9428E-01	1.17678	0.1484E-01	119.7
355	235.5	1802.1	2.8	0.47475	0.9534E-01	1.17661	0.1454E-01	119.9
355	236.0	1801.8	3.0	0.47815	0.1032E+00	1.17635	0.1432E-01	119.9
355	236.5	1803.4	2.7	0.47558	0.9727E-01	1.17602	0.1403E-01	115.6
355	237.0	1785.8	2.5	0.47564	0.9739E-01	1.17578	0.1383E-01	86.7
355	237.5	1758.9	2.8	0.47560	0.9730E-01	1.17558	0.1365E-01	64.0
355	238.0	1744.8	3.1	0.47562	0.9736E-01	1.17554	0.1362E-01	64.7
355	238.5	1735.5	3.6	0.47571	0.9757E-01	1.17561	0.1368E-01	66.2
355	239.0	1735.1	3.6	0.47570	0.9754E-01	1.17573	0.1379E-01	67.1
355	239.5	1740.5	3.8	0.47579	0.9775E-01	1.17584	0.1388E-01	67.4
355	240.0	1749.5	3.6	0.47576	0.9769E-01	1.17592	0.1395E-01	68.3
355	240.5	1760.0	3.4	0.47582	0.9782E-01	1.17593	0.1396E-01	68.5
355	241.0	1761.2	3.5	0.47592	0.9804E-01	1.17592	0.1395E-01	68.4
355	241.5	1765.7	3.4	0.47589	0.9797E-01	1.17594	0.1397E-01	68.8
355	242.0	1762.3	3.4	0.47593	0.9806E-01	1.17601	0.1402E-01	69.4
355	242.5	1751.6	3.2	0.47590	0.9800E-01	1.17587	0.1391E-01	69.5
355	243.0	1757.1	3.6	0.47587	0.9793E-01	1.17588	0.1391E-01	69.8
355	243.5	1759.2	3.8	0.47601	0.9825E-01	1.17594	0.1397E-01	70.0
355	244.0	1764.5	3.6	0.47597	0.9817E-01	1.17605	0.1406E-01	70.0
355	244.5	1766.3	3.2	0.47944	0.1062E+00	1.17603	0.1404E-01	70.1
355	245.0	1767.2	3.6	0.47945	0.1062E+00	1.17605	0.1406E-01	70.2
355	245.5	1760.6	3.6	0.47942	0.1061E+00	1.17602	0.1404E-01	70.2
355	246.0	1757.5	3.7	0.47947	0.1062E+00	1.17602	0.1403E-01	69.9
355	246.5	1761.6	3.7	0.47939	0.1061E+00	1.17602	0.1403E-01	70.3
355	247.0	1761.8	3.8	0.47940	0.1061E+00	1.17606	0.1407E-01	70.4
355	247.5	1760.8	3.9	0.47947	0.1062E+00	1.17610	0.1410E-01	70.1
355	248.0	1758.8	3.6	0.47953	0.1064E+00	1.17616	0.1416E-01	70.8
355	248.5	1762.5	3.4	0.47952	0.1064E+00	1.17621	0.1420E-01	70.6
355	249.0	1765.4	3.5	0.47944	0.1062E+00	1.17618	0.1417E-01	70.9
355	249.5	1766.5	3.8	0.47950	0.1063E+00	1.17615	0.1414E-01	70.8
355	250.0	1764.5	3.1	0.47959	0.1065E+00	1.17613	0.1413E-01	70.6
355	250.5	1764.2	3.5	0.47959	0.1065E+00	1.17613	0.1413E-01	70.6
355	251.0	1760.8	3.5	0.47955	0.1064E+00	1.17609	0.1410E-01	71.0
355	251.5	1763.8	3.6	0.47967	0.1067E+00	1.17617	0.1417E-01	70.6
355	252.0	1766.5	3.6	0.47962	0.1066E+00	1.17618	0.1417E-01	71.0
355	252.5	1764.6	3.9	0.47966	0.1067E+00	1.17632	0.1430E-01	70.9
355	253.0	1769.7	3.3	0.47964	0.1066E+00	1.17622	0.1421E-01	71.1
355	253.5	1769.6	3.5	0.47964	0.1066E+00	1.17626	0.1424E-01	71.2
355	254.0	1770.4	3.6	0.47974	0.1069E+00	1.17633	0.1430E-01	71.0
355	254.5	1767.5	3.5	0.47974	0.1069E+00	1.17626	0.1424E-01	70.8
355	255.0	1766.3	3.5	0.47979	0.1070E+00	1.17636	0.1433E-01	71.3
355	255.5	1764.0	3.2	0.47973	0.1068E+00	1.17632	0.1424E-01	71.4
355	256.0	1765.9	3.5	0.47984	0.1071E+00	1.17634	0.1431E-01	71.3
355	256.5	1768.8	3.6	0.47979	0.1070E+00	1.17644	0.1439E-01	71.3
355	257.0	1770.3	3.7	0.47986	0.1071E+00	1.17640	0.1438E-01	71.5
355	257.5	1772.1	3.4	0.47984	0.1071E+00	1.17640	0.1438E-01	71.2

355	258.0	1773.6	3.8	0.47987	0.1072E+00	1.17641	0.1437E-01	71
355	258.5	1774.2	3.7	0.47988	0.1072E+00	1.17648	0.1444E-01	71.4
355	259.0	1771.9	3.2	0.47990	0.1072E+00	1.17650	0.1445E-01	71.6
355	259.5	1770.4	3.1	0.47996	0.1074E+00	1.17643	0.1439E-01	71.2
355	260.0	1770.8	3.5	0.47992	0.1073E+00	1.17648	0.1443E-01	71.2
355	260.5	1772.5	3.5	0.47994	0.1073E+00	1.17785	0.1561E-01	71.5
355	261.0	1773.1	3.2	0.47989	0.1072E+00	1.17647	0.1442E-01	71.5
355	261.5	1773.2	3.4	0.47648	0.9934E-01	1.17652	0.1447E-01	71.5
355	262.0	1771.9	3.4	0.47659	0.9960E-01	1.17656	0.1450E-01	71.5
355	262.5	1776.1	3.4	0.48003	0.1075E+00	1.17651	0.1446E-01	71.4
355	263.0	1777.0	3.6	0.47997	0.1074E+00	1.17649	0.1444E-01	71.6
355	263.5	1778.3	3.6	0.48002	0.1075E+00	1.17650	0.1445E-01	71.7
355	264.0	1780.6	3.6	0.47999	0.1074E+00	1.17655	0.1450E-01	71.6

356	147.5						
356	142.5	1765.6	2.4	0.43748	0.7750E-02	1.17466	0.7722E-02
356	143.0	1771.3	2.3	0.43757	0.7469E-02	1.17468	0.7742E-02
356	143.5	1772.0	2.5	0.43758	0.7974E-02	1.17469	0.7746E-02
356	144.0	1770.5	2.2	0.43760	0.8160E-02	1.17470	0.7806E-02
356	144.5	1764.5	2.3	0.43773	0.8317E-02	1.17479	0.7839E-02
356	145.0	1766.9	2.1	0.43770	0.8257E-02	1.17481	0.7856E-02
356	145.5	1764.8	2.4	0.43763	0.8100E-02	1.17494	0.7462E-02
356	146.0	1765.4	2.7	0.43772	0.8310E-02	1.17490	0.7486E-02
356	146.5	1767.4	2.9	0.43775	0.8377E-02	1.17499	0.8005E-02
356	147.0	1765.1	2.3	0.43770	0.8257E-02	1.17512	0.8114E-02
356	147.5	1769.5	2.1	0.43837	0.9796E-02	1.17549	0.8439E-02
356	148.0	1770.2	3.2	0.43884	0.1088E-01	1.17575	0.8655E-02
356	148.5	1767.4	2.3	0.43925	0.1182E-01	1.17594	0.8825E-02
356	149.0	1772.2	2.6	0.43931	0.1198E-01	1.17599	0.8865E-02
356	149.5	1773.8	2.7	0.43955	0.1252E-01	1.17614	0.8995E-02
356	150.0	1773.8	2.2	0.43971	0.1288E-01	1.17634	0.9166E-02
356	150.5	1771.3	2.1	0.44005	0.1368E-01	1.17633	0.9158E-02
356	151.0	1769.9	2.7	0.44023	0.1410E-01	1.17630	0.9132E-02
356	151.5	1767.5	2.4	0.44046	0.1461E-01	1.17641	0.9221E-02
356	152.0	1768.7	2.6	0.44069	0.1514E-01	1.17645	0.9258E-02
356	152.5	1768.3	3.0	0.44100	0.1586E-01	1.17657	0.9361E-02
356	153.0	1770.6	3.2	0.44147	0.1694E-01	1.17665	0.9431E-02
356	153.5	1772.2	2.6	0.44190	0.1794E-01	1.17664	0.9421E-02
356	154.0	1775.2	2.6	0.44229	0.1883E-01	1.17690	0.9648E-02
356	154.5	1776.5	2.5	0.44278	0.1995E-01	1.17699	0.9725E-02
356	155.0	1778.8	2.6	0.44320	0.2094E-01	1.17719	0.9891E-02
356	155.5	1778.3	2.3	0.44389	0.2251E-01	1.17723	0.9931E-02
356	156.0	1777.8	2.7	0.44439	0.2366E-01	1.17736	0.1004E-01
356	156.5	1776.7	2.5	0.44491	0.2486E-01	1.17744	0.1011E-01
356	157.0	1775.7	2.6	0.44555	0.2634E-01	1.17759	0.1024E-01
356	157.5	1777.8	2.6	0.44612	0.2766E-01	1.17770	0.1033E-01
356	158.0	1778.3	2.5	0.44682	0.2926E-01	1.17770	0.1033E-01
356	158.5	1781.7	2.9	0.44759	0.3105E-01	1.17783	0.1045E-01
356	159.0	1782.1	2.6	0.44827	0.3260E-01	1.17792	0.1052E-01
356	159.5	1781.5	2.8	0.44904	0.3439E-01	1.17796	0.1055E-01
356	160.0	1779.3	1.9	0.44986	0.3628E-01	1.17804	0.1062E-01
356	160.5	1782.4	2.4	0.45075	0.3831E-01	1.17813	0.1070E-01
356	161.0	1780.5	2.5	0.45160	0.4028E-01	1.17820	0.1076E-01
356	161.5	1782.7	2.2	0.45251	0.4237E-01	1.17822	0.1078E-01
356	162.0	1783.6	2.4	0.45347	0.4458E-01	1.17839	0.1092E-01
356	162.5	1784.3	2.2	0.45457	0.4711E-01	1.17834	0.1068E-01
356	163.0	1785.5	2.7	0.45568	0.4969E-01	1.17842	0.1095E-01
356	163.5	1784.4	2.3	0.45699	0.5269E-01	1.17842	0.1095E-01
356	164.0	1787.2	2.5	0.45826	0.5561E-01	1.17837	0.1091E-01
356	164.5	1787.2	2.7	0.45967	0.5886E-01	1.17839	0.1093E-01
356	165.0	1790.0	2.3	0.46096	0.6184E-01	1.17838	0.1091E-01
356	165.5	1793.2	2.5	0.46262	0.6567E-01	1.17848	0.1100E-01
356	166.0	1791.5	2.4	0.46428	0.6949E-01	1.17846	0.1098E-01
356	166.5	1788.6	2.2	0.46618	0.7386E-01	1.17842	0.1095E-01
356	167.0	1789.0	2.3	0.46792	0.7787E-01	1.17849	0.1101E-01
356	167.5	1789.5	2.1	0.46997	0.8259E-01	1.17856	0.1107E-01
356	168.0	1794.9	2.4	0.47223	0.8781E-01	1.17841	0.1094E-01
356	168.5	1798.3	2.4	0.47457	0.9318E-01	1.17846	0.1098E-01
356	169.0	1797.8	2.6	0.47718	0.9920E-01	1.17847	0.1099E-01
356	169.5	1797.1	2.7	0.47959	0.1047E+00	1.17845	0.1095E-01
356	170.0	1797.0	2.5	0.48268	0.1119E+00	1.17834	0.1086E-01
356	170.5	1794.9	2.6	0.48591	0.1193E+00	1.17823	0.1074E-01
356	171.0	1796.5	2.5	0.48933	0.1272E+00	1.17815	0.1071E-01
356	171.5	1797.4	2.3	0.49326	0.1362E+00	1.17787	0.1047E-01

356	172.0	1801.7	2.5	0.49742	0.1458E+00	1.17755	0.1021E-01	14
356	172.5	1806.5	2.1	0.50233	0.1571E+00	1.17726	0.9954E-02	149.6
356	173.0	1810.5	2.3	0.50781	0.1698E+00	1.17673	0.9501E-02	149.4
356	173.5	1810.3	2.0	0.51448	0.1851E+00	1.17572	0.8632E-02	149.6
356	174.0	1810.9	2.1	-9.99900	-.9999E+04	1.17430	0.7419E-02	149.3
356	174.5	1810.9	2.1	-9.99900	-.9999E+04	1.17042	0.4088E-02	149.1
356	175.0	1770.1	2.0	-9.99900	-.9999E+04	1.16867	0.2582E-02	98.3
356	175.5	1743.0	2.8	-9.99900	-.9999E+04	1.16862	0.2545E-02	91.6
356	176.0	1725.3	3.2	-9.99900	-.9999E+04	1.16849	0.2432E-02	94.5
356	176.5	1726.3	3.3	-9.99900	-.9999E+04	1.16873	0.2638E-02	96.3
356	177.0	1738.7	3.8	-9.99900	-.9999E+04	1.16871	0.2618E-02	96.9
356	177.5	1752.2	3.5	-9.99900	-.9999E+04	1.16883	0.2722E-02	97.2
356	178.0	1761.3	3.3	-9.99900	-.9999E+04	1.16892	0.2802E-02	97.5
356	178.5	1760.8	3.5	-9.99900	-.9999E+04	1.16895	0.2822E-02	97.9

357	144.0						
357	139.0	1776.3	1.6	0.44459	0.2465E-01	1.18664	0.1033E-01
357	139.5	1776.7	1.9	0.44465	0.2478E-01	1.18690	0.1055E-01
357	140.0	1774.1	1.8	0.44473	0.2498E-01	1.18650	0.1021E-01
357	140.5	1774.4	1.7	0.44479	0.2512E-01	1.18642	0.1015E-01
357	141.0	1773.7	1.3	0.44490	0.2537E-01	1.18658	0.1028E-01
357	141.5	1774.7	1.6	0.44501	0.2561E-01	1.18683	0.1049E-01
357	142.0	1775.5	1.2	0.44500	0.2560E-01	1.18671	0.1039E-01
357	142.5	1777.0	1.4	0.44512	0.2580E-01	1.18680	0.1047E-01
357	143.0	1775.9	1.1	0.44522	0.2610E-01	1.18697	0.1061E-01
357	143.5	1777.1	1.3	0.44529	0.2628E-01	1.18727	0.1087E-01
357	144.0	1776.2	2.0	0.44555	0.2686E-01	1.18695	0.1059E-01
357	144.5	1779.7	2.0	0.44632	0.2863E-01	1.18522	0.9119E-02
357	145.0	1778.0	1.7	0.44720	0.3066E-01	1.18807	0.1155E-01
357	145.5	1777.2	2.0	0.44859	0.3388E-01	1.17517	0.5060E-03
357	146.0	1777.6	1.7	0.45059	0.3848E-01	1.18793	0.1143E-01
357	146.5	1780.0	2.2	0.45289	0.4378E-01	1.18600	0.1149E-01
357	147.0	1782.9	2.0	0.45566	0.5017E-01	1.18757	0.1113E-01
357	147.5	1783.0	2.0	0.45897	0.5780E-01	1.18748	0.1105E-01
357	148.0	1788.2	2.0	0.46312	0.6736E-01	1.18966	0.1290E-01
357	148.5	1789.9	2.3	0.46755	0.7757E-01	1.18626	0.1001E-01
357	149.0	1790.8	1.7	0.47259	0.8919E-01	1.18638	0.1011E-01
357	149.5	1790.9	1.7	0.47882	0.1035E+00	1.18645	0.1017E-01
357	150.0	1792.3	1.6	0.48553	0.1190E+00	1.18630	0.1004E-01
357	150.5	1794.2	1.7	0.49379	0.1380E+00	1.18703	0.1066E-01
357	151.0	1798.1	1.7	0.50409	0.1618E+00	1.18703	0.1066E-01
357	151.5	1805.8	1.9	0.51616	0.1896E+00	1.18597	0.9764E-02
357	152.0	1810.0	1.1	-9.99900	-.9999E+04	1.17843	0.3343E-02
357	152.5	1768.6	1.8	-9.99900	-.9999E+04	1.17731	0.2387E-02
357	153.0	1733.7	1.8	-9.99900	-.9999E+04	1.17680	0.1954E-02
357	153.5	1702.2	2.1	-9.99900	-.9999E+04	1.17700	0.2126E-02
357	154.0	1691.7	3.0	-9.99900	-.9999E+04	1.17712	0.2225E-02
357	154.5	1700.1	3.7	-9.99900	-.9999E+04	1.17755	0.2596E-02
357	155.0	1724.2	3.1	-9.99900	-.9999E+04	1.17776	0.2767E-02

416	325.5						
416	320.5	1798.1	3.8	0.43859	0.1174E-01	1.22204	0.1395E-01 152.5
416	321.0	1798.7	3.9	0.43857	0.1176E-01	1.22207	0.1398E-01 152.7
416	321.5	1799.5	3.8	0.43858	0.1172E-01	1.22209	0.1400E-01 152.5
416	322.0	1801.2	3.9	0.43860	0.1176E-01	1.22207	0.1298E-01 152.6
416	322.5	1801.4	4.1	0.43856	0.1167E-01	1.22198	0.1390E-01 153.3
416	323.0	1801.4	3.7	0.43851	0.1156E-01	1.22210	0.1400E-01 152.4
416	323.5	1802.0	3.7	0.43858	0.1172E-01	1.22200	0.1392E-01 152.4
416	324.0	1800.7	4.0	0.43856	0.1167E-01	1.22203	0.1395E-01 152.3
416	324.5	1801.0	3.8	0.43858	0.1173E-01	1.22202	0.1393E-01 152.9
416	325.0	1800.6	3.9	0.43859	0.1176E-01	1.22199	0.1391E-01 152.2
416	325.5	1807.0	3.8	0.43920	0.1316E-01	1.22229	0.1416E-01 150.7
416	326.0	1808.6	3.9	0.43936	0.1352E-01	1.22240	0.1425E-01 150.8
416	326.5	1806.4	3.8	0.43945	0.1373E-01	1.21891	0.1136E-01 150.7
416	327.0	1803.9	3.8	0.43959	0.1406E-01	1.22241	0.1426E-01 150.6
416	327.5	1802.3	4.1	0.43961	0.1407E-01	1.22238	0.1421E-01 150.5
416	328.0	1802.3	3.9	0.43958	0.1403E-01	1.22236	0.1422E-01 150.4
416	328.5	1799.8	4.0	0.43970	0.1430E-01	1.22227	0.1414E-01 150.4
416	329.0	1799.1	4.2	0.43974	0.1439E-01	1.22235	0.1421E-01 150.7
416	329.5	1798.4	3.9	0.43981	0.1456E-01	1.22238	0.1424E-01 150.4
416	330.0	1798.0	4.0	0.43987	0.1470E-01	1.22234	0.1420E-01 150.1
416	330.5	1798.0	4.0	0.43991	0.1479E-01	1.22223	0.1411E-01 150.0
416	331.0	1799.9	4.1	0.44001	0.1503E-01	1.22235	0.1421E-01 150.3
416	331.5	1800.7	4.0	0.44015	0.1535E-01	1.22228	0.1415E-01 149.8
416	332.0	1801.6	3.8	0.44022	0.1550E-01	1.22225	0.1413E-01 149.9
416	332.5	1801.5	4.0	0.44042	0.1598E-01	1.22221	0.1410E-01 150.0
416	333.0	1800.7	3.9	0.44049	0.1613E-01	1.22223	0.1411E-01 149.8
416	333.5	1800.0	3.9	0.44062	0.1644E-01	1.22219	0.1407E-01 149.6
416	334.0	1799.7	4.2	0.44077	0.1677E-01	1.22219	0.1408E-01 149.6
416	334.5	1799.7	3.8	0.44089	0.1704E-01	1.22207	0.1398E-01 149.4
416	335.0	1798.5	4.1	0.44116	0.1769E-01	1.17962	-0.2124E-01 149.2
416	335.5	1799.4	3.9	0.44128	0.1795E-01	1.22199	0.1391E-01 149.5
416	336.0	1799.9	3.9	0.44146	0.1837E-01	1.22205	0.1396E-01 149.0
416	336.5	1801.2	3.9	0.44173	0.1898E-01	1.22199	0.1391E-01 148.6
416	337.0	1800.6	3.8	0.44204	0.1971E-01	1.22188	0.1382E-01 149.0
416	337.5	1799.3	4.1	0.44232	0.2035E-01	1.22055	0.1272E-01 149.1
416	338.0	1799.4	3.8	0.44263	0.2105E-01	1.22166	0.1381E-01 149.1
416	338.5	1799.0	4.1	0.44300	0.2192E-01	1.22339	0.1508E-01 148.1
416	339.0	1800.3	4.1	0.44222	0.2011E-01	1.22063	0.1278E-01 149.3
416	339.5	1801.0	3.9	0.44387	0.2393E-01	1.22181	0.1376E-01 148.7
416	340.0	1801.5	4.0	0.44568	0.2809E-01	1.22169	0.1366E-01 148.5
416	340.5	1802.1	3.9	0.44617	0.2923E-01	1.22165	0.1363E-01 148.7
416	341.0	1801.9	4.1	0.44677	0.3061E-01	1.22171	0.1360E-01 148.7
416	341.5	1801.8	3.8	0.44708	0.3133E-01	1.22169	0.1360E-01 148.3
416	342.0	1801.5	3.9	0.44770	0.3276E-01	1.22171	0.1360E-01 148.0
416	342.5	1801.6	4.1	0.44818	0.3387E-01	1.22181	0.1370E-01 148.5
416	343.0	1802.6	3.9	0.44810	0.3367E-01	1.22178	0.1374E-01 148.4
416	343.5	1802.7	4.0	0.44920	0.3622E-01	1.22178	0.1374E-01 148.1
416	344.0	1802.0	3.8-9.99900	-0.9999E+04	1.22393	0.1552E-01	148.0
416	344.5	1800.9	3.9	0.45054	0.3931E-01	1.22189	0.1363E-01 147.9
416	345.0	1801.4	3.8-9.99900	-0.9999E+04	1.22202	0.1394E-01	148.2
416	345.5	1801.7	3.7-9.99900	-0.9999E+04	1.22208	0.1394E-01	148.0
416	346.0	1804.3	4.1-9.99900	-0.9999E+04	1.22217	0.1406E-01	148.5
416	346.5	1803.7	3.8-9.99900	-0.9999E+04	1.22229	0.1416E-01	147.6
416	347.0	1805.7	4.1-9.99900	-0.9999E+04	1.22241	0.1426E-01	148.0
416	347.5	1805.9	3.9-9.99900	-0.9999E+04	1.22264	0.1435E-01	148.3
416	348.0	1805.5	3.8-9.99900	-0.9999E+04	1.22275	0.1454E-01	147.8
416	348.5	1805.3	3.9-9.99900	-0.9999E+04	1.22283	0.1461E-01	147.6
416	349.0	1804.1	3.8-9.99900	-0.9999E+04	1.22304	0.1470E-01	147.8
416	349.5	1805.4	3.9-9.99900	-0.9999E+04	1.22316	0.1483E-01	148.

416	350.0	1805.0	3.7	0.46100	0.6345E-01	1.22330	0.1500E-01	148.4
416	350.5	1805.1	3.9	0.46248	0.6686E-01	1.22339	0.1508E-01	147.9
416	351.0	1803.7	4.2	0.46403	0.7042E-01	1.22365	0.1529E-01	147.6
416	351.5	1804.2	3.7	0.46559	0.7404E-01	1.22370	0.1533E-01	147.8
416	352.0	1804.6	3.9	0.46725	0.7786E-01	1.22388	0.1548E-01	147.4
416	352.5	1804.9	3.8	0.46905	0.8201E-01	1.22066	0.1281E-01	147.4
416	353.0	1807.0	3.8	0.47085	0.8617E-01	1.22433	0.1585E-01	147.9
416	353.5	1808.6	3.8	0.47285	0.9077E-01	1.22437	0.1588E-01	147.6
416	354.0	1808.5	3.6	0.47522	0.9623E-01	1.22449	0.1598E-01	147.6
416	354.5	1811.1	4.0	0.47751	0.1015E+00	1.22473	0.1618E-01	148.1
416	355.0	1811.6	3.6	0.48036	0.1081E+00	1.22480	0.1624E-01	148.6
416	355.5	1812.1	3.7	0.48331	0.1149E+00	1.22491	0.1634E-01	148.3
416	356.0	1805.4	3.9	0.48536	0.1196E+00	1.22506	0.1640E-01	148.6
416	356.5	1716.4	3.7	0.48539	0.1197E+00	1.22418	0.1573E-01	141.4
416	357.0	1653.4	4.6	0.48524	0.1194E+00	1.22862	0.1941E-01	135.3
416	357.5	1627.2	4.9	0.48989	0.1301E+00	1.22432	0.1564E-01	131.0
416	358.0	1620.2	5.0	0.48520	0.1193E+00	1.22462	0.1609E-01	127.4
416	358.5	1618.0	4.9	0.48519	0.1193E+00	1.22476	0.1621E-01	124.8

417	513.5						
417	508.5	1798.8	4.0	0.44080	0.1550E-01	1.21011	0.1629E-01 151.3
417	509.0	1799.4	4.2	0.44082	0.1555E-01	1.21018	0.1635E-01 151.5
417	509.5	1799.0	3.9	0.44072	0.1531E-01	1.21012	0.1630E-01 151.0
417	510.0	1798.8	4.1	0.44070	0.1526E-01	1.21009	0.1626E-01 151.6
417	510.5	1798.5	4.0	0.44069	0.1523E-01	1.21009	0.1627E-01 151.3
417	511.0	1798.8	4.1	0.44073	0.1534E-01	1.21005	0.1624E-01 151.2
417	511.5	1797.9	4.0	0.44093	0.1580E-01	1.21008	0.1626E-01 150.7
417	512.0	1798.1	4.0	0.44081	0.1553E-01	1.21011	0.1624E-01 151.3
417	512.5	1797.3	4.2	0.44076	0.1540E-01	1.21008	0.1625E-01 151.2
417	513.0	1798.3	4.0	0.44071	0.1529E-01	1.21011	0.1624E-01 151.5
417	513.5	1799.1	4.3	0.44109	0.1616E-01	1.21009	0.1627E-01 149.5
417	514.0	1800.3	4.1	0.44111	0.1622E-01	1.21016	0.1633E-01 150.0
417	514.5	1799.0	4.1	0.44120	0.1641E-01	1.21021	0.1638E-01 149.9
417	515.0	1799.2	4.1	0.44127	0.1658E-01	1.21018	0.1635E-01 150.1
417	515.5	1799.9	4.1	0.44115	0.1630E-01	1.21013	0.1631E-01 150.0
417	516.0	1799.7	4.2	0.44118	0.1637E-01	1.21032	0.1647E-01 148.9
417	516.5	1800.1	4.0	0.44122	0.1646E-01	1.21232	0.1645E-01 150.4
417	517.0	1799.6	4.2	0.44128	0.1661E-01	1.21012	0.1630E-01 150.0
417	517.5	1799.3	4.1	0.44131	0.1667E-01	1.21015	0.1632E-01 150.3
417	518.0	1799.9	4.0	0.44135	0.1676E-01	1.21031	0.1646E-01 149.7
417	518.5	1800.1	4.1	0.44143	0.1695E-01	1.21034	0.1648E-01 150.3
417	519.0	1799.4	4.0	0.44135	0.1677E-01	1.21030	0.1645E-01 149.9
417	519.5	1800.4	4.3	0.44139	0.1686E-01	1.21018	0.1635E-01 150.4
417	520.0	1799.7	4.0	0.44137	0.1682E-01	1.21028	0.1644E-01 150.0
417	520.5	1799.4	4.2	0.44145	0.1700E-01	1.21034	0.1648E-01 150.4
417	521.0	1799.2	4.1	0.44144	0.1698E-01	1.21024	0.1640E-01 150.0
417	521.5	1800.0	3.9	0.44152	0.1716E-01	1.21029	0.1644E-01 149.6
417	522.0	1801.1	4.2	0.44148	0.1706E-01	1.21029	0.1644E-01 150.2
417	522.5	1801.7	3.9	0.44146	0.1703E-01	1.21032	0.1647E-01 149.6
417	523.0	1800.8	4.2	0.44139	0.1685E-01	1.21035	0.1650E-01 150.4
417	523.5	1800.3	3.9	0.44146	0.1703E-01	1.21038	0.1652E-01 149.9
417	524.0	1800.5	4.1	0.44151	0.1713E-01	1.21031	0.1646E-01 150.3
417	524.5	1800.0	4.2	0.44151	0.1713E-01	1.21024	0.1640E-01 150.2
417	525.0	1799.6	4.0	0.44153	0.1719E-01	1.21035	0.1649E-01 150.4
417	525.5	1799.0	4.1	0.44151	0.1713E-01	1.21034	0.1649E-01 150.3
417	526.0	1799.4	4.1	0.44155	0.1724E-01	1.21038	0.1652E-01 150.4
417	526.5	1798.4	4.1	0.44154	0.1721E-01	1.21042	0.1655E-01 150.4
417	527.0	1798.0	4.1	0.44149	0.1709E-01	1.21040	0.1654E-01 150.6
417	527.5	1797.6	4.0	0.44152	0.1716E-01	1.19903	0.6486E-02 149.5
417	528.0	1797.4	4.3	0.44150	0.1712E-01	1.21043	0.1656E-01 150.5
417	528.5	1798.5	4.0	0.44159	0.1731E-01	1.21044	0.1656E-01 150.2
417	529.0	1799.8	4.1	0.44154	0.1721E-01	1.21046	0.1658E-01 150.3
417	529.5	1800.5	4.1	0.44160	0.1749E-01	1.21043	0.1658E-01 150.3
417	530.0	1799.6	4.1	0.44163	0.1740E-01	1.21050	0.1662E-01 150.2
417	530.5	1799.3	4.0	0.44163	0.1740E-01	1.21046	0.1658E-01 150.6
417	531.0	1799.7	3.9	0.44155	0.1724E-01	1.21048	0.1660E-01 150.4
417	531.5	1799.9	4.2	0.44153	0.1718E-01	1.21047	0.1659E-01 149.7
417	532.0	1799.3	4.0	0.44163	0.1740E-01	1.21050	0.1662E-01 150.0
417	532.5	1799.5	4.1	0.44168	0.1752E-01	1.21049	0.1661E-01 150.1
417	533.0	1800.3	4.2	0.44167	0.1750E-01	1.21052	0.1663E-01 150.3
417	533.5	1800.1	4.2	0.44160	0.1734E-01	1.21062	0.1672E-01 150.4
417	534.0	1800.5	4.2	0.44160	0.1748E-01	1.21057	0.1668E-01 150.7
417	534.5	1799.9	4.0	0.44169	0.1755E-01	1.21055	0.1668E-01 150.8
417	535.0	1799.7	4.1	0.44172	0.1761E-01	1.20008	0.7853E-02 150.7
417	535.5	1800.4	4.0	0.44167	0.1750E-01	1.21209	0.1795E-01 150.1
417	536.0	1800.8	4.0	0.44173	0.1764E-01	1.21070	0.1674E-01 150.0
417	536.5	1801.7	4.2	0.44172	0.1761E-01	1.21073	0.1682E-01 150.2
417	537.0	1801.2	3.9	0.44175	0.1768E-01	1.21070	0.1678E-01 149.5
417	537.5	1799.6	4.2	0.44164	0.1745E-01	1.21066	0.1678E-01 150.4

417	538.0	1799.5	4.1	0.44179	0.1779E-01	1.21076	0.1684E-01	150.1
417	538.5	1800.4	4.0	0.44183	0.1788E-01	1.21078	0.1685E-01	150.7
417	539.0	1801.4	4.1	0.44176	0.1771E-01	1.21075	0.1683E-01	150.8
417	539.5	1801.4	4.0	0.44172	0.1762E-01	1.21075	0.1683E-01	150.7
417	540.0	1801.0	4.3	0.44181	0.1782E-01	1.21085	0.1691E-01	150.9
417	540.5	1801.2	3.9	0.44181	0.1783E-01	1.21075	0.1683E-01	151.0
417	541.0	1800.8	4.2	0.44177	0.1773E-01	1.21073	0.1681E-01	150.6
417	541.5	1799.0	4.1	0.44177	0.1773E-01	1.21089	0.1695E-01	150.7
417	542.0	1799.5	4.1	0.44178	0.1776E-01	1.21083	0.1689E-01	151.1
417	542.5	1799.5	4.1	0.44175	0.1770E-01	1.21092	0.1697E-01	151.0
417	543.0	1798.5	4.1	0.44173	0.1764E-01	1.21095	0.1700E-01	150.3
417	543.5	1798.6	4.3	0.44181	0.1783E-01	1.21103	0.1706E-01	150.0
417	544.0	1798.5	4.1	0.44192	0.1807E-01	1.21093	0.1698E-01	150.0
417	544.5	1798.1	4.2	0.44187	0.1797E-01	1.21104	0.1707E-01	150.3
417	545.0	1798.6	4.3	0.44195	0.1815E-01	1.21107	0.1710E-01	150.3
417	545.5	1799.4	4.0	0.44182	0.1785E-01	1.21113	0.1715E-01	150.6
417	546.0	1799.2	4.1	0.44201	0.1828E-01	1.21108	0.1711E-01	150.8
417	546.5	1799.3	4.1	0.44199	0.1825E-01	1.21119	0.1720E-01	150.6
417	547.0	1799.6	4.3	0.44202	0.1831E-01	1.21125	0.1725E-01	150.1
417	547.5	1799.3	3.9	0.44208	0.1845E-01	1.21131	0.1730E-01	150.6
417	548.0	1799.6	4.3	0.44205	0.1837E-01	1.21137	0.1735E-01	150.7
417	548.5	1800.6	4.3	0.44208	0.1845E-01	1.21139	0.1737E-01	150.8
417	549.0	1801.5	4.1	0.44213	0.1857E-01	1.21145	0.1742E-01	150.7
417	549.5	1800.4	4.0	0.44218	0.1868E-01	1.21152	0.1747E-01	150.4
417	550.0	1800.1	4.0	0.44223	0.1880E-01	1.21155	0.1750E-01	150.9
417	550.5	1800.0	4.2	0.44226	0.1886E-01	1.21165	0.1759E-01	150.8
417	551.0	1801.5	4.0	0.44224	0.1882E-01	1.21172	0.1765E-01	151.2
417	551.5	1801.7	4.0	0.44224	0.1882E-01	1.21179	0.1771E-01	150.7
417	552.0	1800.6	4.3	0.44224	0.1882E-01	1.21182	0.1773E-01	151.5
417	552.5	1799.2	3.9	0.44235	0.1907E-01	1.21205	0.1792E-01	150.4
417	553.0	1799.1	4.1	0.44238	0.1913E-01	1.21217	0.1802E-01	151.4
417	553.5	1798.3	4.1	0.44241	0.1921E-01	1.21222	0.1808E-01	150.8
417	554.0	1798.1	4.1	0.44247	0.1936E-01	1.21232	0.1815E-01	150.7
417	554.5	1799.6	4.0	0.44262	0.1969E-01	1.21238	0.1820E-01	150.7
417	555.0	1800.2	4.0	0.44258	0.1961E-01	1.21247	0.1828E-01	150.1
417	555.5	1800.1	4.2	0.44277	0.2004E-01	1.21384	0.1942E-01	151.0
417	556.0	1799.6	3.9	0.44286	0.2024E-01	1.21256	0.1835E-01	150.7
417	556.5	1799.9	4.1	0.44273	0.1994E-01	1.21278	0.1853E-01	150.5
417	557.0	1800.1	4.1	0.44291	0.2036E-01	1.21282	0.1857E-01	150.4
417	557.5	1800.7	4.0	0.44302	0.2061E-01	1.21302	0.1874E-01	150.3
417	558.0	1801.5	4.1	0.44310	0.2081E-01	1.21310	0.1881E-01	150.7
417	558.5	1800.6	3.7	0.44329	0.2124E-01	1.21310	0.1881E-01	150.2
417	559.0	1802.8	4.1	0.44340	0.2148E-01	1.21297	0.1870E-01	150.5
417	559.5	1801.5	3.7	0.44345	0.2160E-01	1.21300	0.1872E-01	149.9
417	560.0	1786.4	4.0	0.44341	0.2152E-01	1.21242	0.1823E-01	145.4
417	560.5	1726.9	4.3	0.44323	0.2109E-01	1.21214	0.1800E-01	139.8
417	561.0	1687.2	4.7	0.44303	0.2063E-01	1.21191	0.1780E-01	135.7
417	561.5	1663.8	4.9	0.44297	0.2051E-01	1.21190	0.1780E-01	130.8
417	562.0	1654.5	5.0	0.44301	0.2060E-01	1.21186	0.1776E-01	127.2
417	562.5	1649.7	5.3	0.44314	0.2090E-01	1.21179	0.1770E-01	124.5
417	563.0	1648.1	5.1	0.44305	0.2069E-01	1.21183	0.1773E-01	122.1
417	563.5	1650.4	5.5	0.44315	0.2091E-01	1.21199	0.1787E-01	120.3
417	564.0	1652.2	5.2	0.44320	0.2103E-01	1.21219	0.1804E-01	118.1
417	564.5	1652.3	5.2	0.44326	0.2116E-01	1.21203	0.1790E-01	116.7
417	565.0	1649.9	5.3	0.44317	0.2097E-01	1.21211	0.1797E-01	115.3
417	565.5	1652.7	4.9	0.44332	0.2131E-01	1.21203	0.1790E-01	119.0
417	566.0	1691.6	5.1	0.44334	0.2134E-01	1.21227	0.1810E-01	122.7
417	566.5	1732.5	4.8	0.44340	0.2149E-01	1.21257	0.1836E-01	126.0

519	155.5							
519	150.5	1774.8	0.0	0.43722	0.7891E-02	1.40894	0.8267E-02	23.2
519	151.0	1775.4	0.0	0.43724	0.7936E-02	1.40899	0.8305E-02	23.0
519	151.5	1775.8	0.0	0.43729	0.8041E-02	1.40899	0.8300E-02	23.1
519	152.0	1774.8	0.0	0.43641	0.6023E-02	1.40905	0.8344E-02	23.4
519	152.5	1774.4	0.0	0.43727	0.7996E-02	1.40915	0.8416E-02	23.3
519	153.0	1775.0	0.0	0.43727	0.7996E-02	1.40926	0.8493E-02	23.3
519	153.5	1775.2	0.0	0.43731	0.8100E-02	1.40932	0.8537E-02	23.4
519	154.0	1775.8	0.0	0.43731	0.8100E-02	1.40939	0.8587E-02	23.5
519	154.5	1775.6	0.0	0.43737	0.8235E-02	1.40944	0.8626E-02	23.4
519	155.0	1775.4	0.0	0.43737	0.8235E-02	1.40951	0.8675E-02	23.2
519	155.5	1783.6	0.0	0.43935	0.1279E-01	1.41082	0.9614E-02	208.9
519	156.0	1787.0	0.0	0.44121	0.1708E-01	1.41125	0.9918E-02	213.6
519	156.5	1784.6	0.0	0.44439	0.2442E-01	1.41238	0.1073E-01	213.6
519	157.0	1782.6	0.0	0.44893	0.3487E-01	1.41357	0.1158E-01	213.7
519	157.5	1782.4	0.0	0.45486	0.4854E-01	1.41507	0.1266E-01	213.9
519	158.0	1781.6	0.0	0.46237	0.6585E-01	1.41683	0.1391E-01	213.9
519	158.5	1782.8	0.0	0.47228	0.8870E-01	1.41931	0.1569E-01	213.0
519	159.0	1786.0	0.0	0.48565	0.1195E+00	1.42180	0.1747E-01	212.2
519	159.5	1785.4	0.0	0.50501	0.1642E+00	1.42547	0.2010E-01	212.1
519	160.0	1784.0	0.0	0.54479	0.2559E+00	1.43028	0.2354E-01	212.4
519	160.5	1747.4	0.0	-9.99900	-.9999E+04	-9.99900	-.9999E+04	201.9
519	161.0	1522.8	0.0	-9.99900	-.9999E+04	-9.99900	-.9999E+04	182.9
519	161.5	1404.4	0.1	-9.99900	-.9999E+04	1.41382	0.1176E-01	184.7
519	162.0	1369.0	0.0	-9.99900	-.9999E+04	1.41359	0.1159E-01	185.1
519	162.5	1375.8	0.0	-9.99900	-.9999E+04	1.42801	0.2191E-01	185.8
519	163.0	1371.0	0.1	-9.99900	-.9999E+04	1.42820	0.2205E-01	185.8
519	163.5	1375.6	0.0	-9.99900	-.9999E+04	1.42815	0.2201E-01	186.1
519	164.0	1366.4	0.0	-9.99900	-.9999E+04	1.42845	0.2223E-01	186.3
519	164.5	1349.2	0.0	-9.99900	-.9999E+04	1.42844	0.2225E-01	186.7
519	165.0	1353.2	0.0	-9.99900	-.9999E+04	1.42876	0.2246E-01	34.2
519	165.5	1502.6	0.0	-9.99900	-.9999E+04	1.42960	0.2305E-01	14.5
519	166.0	1651.4	0.0	-9.99900	-.9999E+04	1.43105	0.2409E-01	14.5

520	231.5						
520	226.5	1748.6	0.0	0.43737	0.5110E-02	1.43926	0.7841E-02 22.4
520	227.0	1787.0	0.0	0.43774	0.5945E-02	1.43471	0.8154E-02 22.1
520	227.5	1809.4	0.0	0.43799	0.6541E-02	1.43997	0.8330E-02 22.6
520	228.0	1817.2	0.0	0.43790	0.6317E-02	1.43997	0.8338E-02 22.5
520	228.5	1813.6	0.0	0.43786	0.6243E-02	1.44009	0.8424E-02 22.6
520	229.0	1806.0	0.0	0.43789	0.6302E-02	1.43998	0.8343E-02 22.7
520	229.5	1797.6	0.0	0.43780	0.6094E-02	1.44004	0.8387E-02 22.7
520	230.0	1788.8	0.0	0.43704	0.4351E-02	1.43986	0.8262E-02 22.6
520	230.5	1783.4	0.0	0.43596	0.1862E-02	1.44008	0.8419E-02 22.7
520	231.0	1779.4	0.0	0.43672	0.3606E-02	1.44007	0.8408E-02 22.5
520	231.5	1784.0	0.0	0.43690	0.4023E-02	1.44035	0.8603E-02 22.0
520	232.0	1793.8	0.0	0.43756	0.5543E-02	1.44057	0.8759E-02 61.5
520	232.5	1792.8	0.0	0.43844	0.7569E-02	1.44070	0.8851E-02 62.3
520	233.0	1786.6	0.0	0.43837	0.7405E-02	1.44091	0.8497E-02 62.4
520	233.5	1780.4	0.0	0.43680	0.3784E-02	1.44106	0.9100E-02 62.7
520	234.0	1777.0	0.0	0.43656	0.3248E-02	1.44110	0.9132E-02 62.6
520	234.5	1776.0	0.0	0.43728	0.4902E-02	1.44133	0.9289E-02 62.6
520	235.0	1776.2	0.0	0.43763	0.5706E-02	1.44143	0.9359E-02 62.5
520	235.5	1778.4	0.0	0.43796	0.6466E-02	1.44152	0.9424E-02 62.2
520	236.0	1777.2	0.0	0.43766	0.5781E-02	1.44176	0.9591E-02 62.3
520	236.5	1776.2	0.0	0.43746	0.5319E-02	1.44178	0.9608E-02 62.5
520	237.0	1778.0	0.0	0.43751	0.5438E-02	1.44198	0.9748E-02 62.3
520	237.5	1778.8	0.0	0.43775	0.5975E-02	1.44207	0.9808E-02 61.9
520	238.0	1779.2	0.0	0.43799	0.6526E-02	1.44218	0.9883E-02 61.9
520	238.5	1778.6	0.0	0.43816	0.6913E-02	1.44226	0.9943E-02 61.8
520	239.0	1779.8	0.0	0.43824	0.7107E-02	1.44240	0.1004E-01 61.5
520	239.5	1777.4	0.0	0.43823	0.7077E-02	1.44241	0.1005E-01 61.7
520	240.0	1779.0	0.0	0.43826	0.7152E-02	1.44239	0.1003E-01 61.6
520	240.5	1779.2	0.0	0.43827	0.7181E-02	1.44259	0.1018E-01 61.7
520	241.0	1778.8	0.0	0.43830	0.7241E-02	1.44264	0.1021E-01 61.3
520	241.5	1779.8	0.0	0.43761	0.5647E-02	1.44273	0.1027E-01 61.4
520	242.0	1781.0	0.0	0.43847	0.7643E-02	1.44278	0.1030E-01 61.3
520	242.5	1780.2	0.0	0.43860	0.7926E-02	1.44284	0.1035E-01 61.4
520	243.0	1781.2	0.0	0.43855	0.7822E-02	1.44296	0.1043E-01 61.6
520	243.5	1780.8	0.0	0.43851	0.7733E-02	1.44301	0.1047E-01 61.5
520	244.0	1781.2	0.0	0.43842	0.7524E-02	1.44315	0.1056E-01 61.2
520	244.5	1781.8	0.0	0.43839	0.7450E-02	1.44317	0.1058E-01 61.5
520	245.0	1781.2	0.0	0.43845	0.7599E-02	1.44324	0.1063E-01 61.3
520	245.5	1781.6	0.0	0.43851	0.7718E-02	1.44335	0.1070E-01 61.4
520	246.0	1783.2	0.0	0.43849	0.7673E-02	1.44350	0.1081E-01 61.1
520	246.5	1783.8	0.0	0.43711	0.4500E-02	1.44350	0.1081E-01 61.4
520	247.0	1783.8	0.0	0.43857	0.7852E-02	1.44360	0.1088E-01 61.2
520	247.5	1784.2	0.0	0.43712	0.4524E-02	1.44360	0.1088E-01 61.5
520	248.0	1784.2	0.0	0.43863	0.8001E-02	1.44374	0.1098E-01 61.5
520	248.5	1784.6	0.0	0.43862	0.7986E-02	1.44380	0.1102E-01 61.4
520	249.0	1785.0	0.0	0.43779	0.6079E-02	1.44397	0.1114E-01 61.6
520	249.5	1784.8	0.0	0.43873	0.8224E-02	1.44394	0.1112E-01 61.4
520	250.0	1785.0	0.0	0.43879	0.8373E-02	1.44405	0.1120E-01 61.6
520	250.5	1786.2	0.0	0.43809	0.6764E-02	1.44408	0.1122E-01 61.6
520	251.0	1785.6	0.0	0.43878	0.8344E-02	1.44421	0.1130E-01 61.4
520	251.5	1787.0	0.0	0.43882	0.8433E-02	1.44412	0.1124E-01 61.4
520	252.0	1786.0	0.0	0.43807	0.6705E-02	1.44427	0.1135E-01 61.3
520	252.5	1786.8	0.0	0.43897	0.8791E-02	1.44433	0.1134E-01 61.3
520	253.0	1787.8	0.0	0.43898	0.8805E-02	1.44443	0.1146E-01 61.4
520	253.5	1788.8	0.0	0.43766	0.5781E-02	1.44453	0.1153E-01 61.4
520	254.0	1788.0	0.0	0.43904	0.8454E-02	1.44456	0.1155E-01 61.3
520	254.5	1789.2	0.0	0.43911	0.9103E-02	1.44458	0.1156E-01 61.3
520	255.0	1789.8	0.0	0.43779	0.6064E-02	1.44467	0.1163E-01 61.4
520	255.5	1789.0	0.0	0.43912	0.9118E-02	1.44475	0.1169E-01 61.4

520	256.0	1791.4	0.0	0.43913	0.9148E-02	1.44479	0.1172E-01	61.1
520	256.5	1790.8	0.0	0.43916	0.9208E-02	1.44483	0.1174E-01	61.5
520	257.0	1791.0	0.0	0.43852	0.7748E-02	1.44489	0.1179E-01	61.4
520	257.5	1792.2	0.0	0.43919	0.9282E-02	1.44495	0.1182E-01	61.5
520	258.0	1792.4	0.0	0.43931	0.9565E-02	1.44496	0.1183E-01	61.4
520	258.5	1792.8	0.0	0.43935	0.9655E-02	1.44507	0.1191E-01	60.8
520	259.0	1792.6	0.0	0.43936	0.9685E-02	1.44513	0.1195E-01	61.5
520	259.5	1791.0	0.0	0.43935	0.9655E-02	1.44514	0.1196E-01	61.3
520	260.0	1793.0	0.0	0.43941	0.9804E-02	1.44522	0.1202E-01	61.4
520	260.5	1793.0	0.0	0.43938	0.9714E-02	1.44525	0.1203E-01	61.2
520	261.0	1795.4	0.0	0.43945	0.9893E-02	1.44539	0.1213E-01	61.2
520	261.5	1795.8	0.0	0.43949	0.9968E-02	1.44532	0.1208E-01	61.3
520	262.0	1794.8	0.0	0.43949	0.9982E-02	1.44540	0.1214E-01	61.3
520	262.5	1794.8	0.0	0.43956	0.1015E-01	1.44548	0.1220E-01	61.1
520	263.0	1795.2	0.0	0.43958	0.1019E-01	1.44559	0.1228E-01	61.4
520	263.5	1795.6	0.0	0.43963	0.1031E-01	1.44551	0.1222E-01	61.4
520	264.0	1796.6	0.0	0.43887	0.8552E-02	1.44565	0.1231E-01	61.2
520	264.5	1796.0	0.0	0.43962	0.1028E-01	1.44569	0.1234E-01	61.4
520	265.0	1797.0	0.0	0.43968	0.1041E-01	1.44565	0.1231E-01	61.4
520	265.5	1797.6	0.0	0.43967	0.1038E-01	1.44570	0.1235E-01	61.4
520	266.0	1798.6	0.0	0.43852	0.7748E-02	1.44584	0.1245E-01	61.3
520	266.5	1798.4	0.0	0.43972	0.1050E-01	1.44584	0.1245E-01	61.1
520	267.0	1798.8	0.0	0.43972	0.1050E-01	1.44584	0.1245E-01	61.2
520	267.5	1797.6	0.0	0.43984	0.1079E-01	1.44606	0.1260E-01	61.4
520	268.0	1798.0	0.0	0.43987	0.1086E-01	1.44604	0.1254E-01	61.1
520	268.5	1798.0	0.0	0.43909	0.9059E-02	1.44609	0.1262E-01	61.4
520	269.0	1797.4	0.0	0.43984	0.1077E-01	1.44609	0.1262E-01	61.2
520	269.5	1796.2	0.0	0.43918	0.9267E-02	1.44610	0.1263E-01	61.3
520	270.0	1797.4	0.0	0.44000	0.1116E-01	1.44620	0.1270E-01	61.2
520	270.5	1797.8	0.0	0.43943	0.9848E-02	1.44620	0.1270E-01	61.3
520	271.0	1797.6	0.0	0.43998	0.1110E-01	1.44632	0.1279E-01	61.2
520	271.5	1797.0	0.0	0.44008	0.1132E-01	1.44627	0.1275E-01	61.3
520	272.0	1797.4	0.0	0.44011	0.1141E-01	1.44633	0.1279E-01	61.2
520	272.5	1797.8	0.0	0.44015	0.1149E-01	1.44635	0.1281E-01	61.1
520	273.0	1798.8	0.0	0.44013	0.1144E-01	1.44645	0.1288E-01	61.1
520	273.5	1797.6	0.0	0.44011	0.1140E-01	1.44638	0.1283E-01	61.2
520	274.0	1798.6	0.0	0.44021	0.1164E-01	1.44650	0.1291E-01	61.3
520	274.5	1798.0	0.0	0.44015	0.1149E-01	1.44650	0.1291E-01	61.2
520	275.0	1798.6	0.0	0.44019	0.1159E-01	1.44653	0.1293E-01	61.3
520	275.5	1797.2	0.0	0.44032	0.1187E-01	1.44659	0.1297E-01	61.2
520	276.0	1797.8	0.0	0.44037	0.1199E-01	1.44654	0.1294E-01	61.3
520	276.5	1798.0	0.0	0.44028	0.1180E-01	1.44674	0.1306E-01	61.1
520	277.0	1797.2	0.0	0.44044	0.1216E-01	1.44669	0.1304E-01	61.3
520	277.5	1797.4	0.0	0.44046	0.1222E-01	1.44663	0.1300E-01	61.1
520	278.0	1797.4	0.0	0.44045	0.1219E-01	1.44677	0.1310E-01	61.2
520	278.5	1796.6	0.0	0.44052	0.1235E-01	1.44684	0.1315E-01	61.2
520	279.0	1798.4	0.0	0.44053	0.1237E-01	1.44684	0.1315E-01	61.2
520	279.5	1796.2	0.0	0.44055	0.1241E-01	1.44691	0.1320E-01	61.1
520	280.0	1799.6	0.0	0.44055	0.1241E-01	1.44680	0.1312E-01	61.2
520	280.5	1794.2	0.0	0.44056	0.1244E-01	1.44691	0.1320E-01	61.1
520	281.0	1799.6	0.0	0.44052	0.1234E-01	1.44696	0.1323E-01	61.2
520	281.5	1799.6	0.0	0.44063	0.1260E-01	1.44708	0.1331E-01	61.2
520	282.0	1798.6	0.0	0.44063	0.1260E-01	1.44714	0.1336E-01	61.2
520	282.5	1794.2	0.0	0.44062	0.1257E-01	1.44714	0.1336E-01	61.1
520	283.0	1798.0	0.0	0.44065	0.1265E-01	1.44712	0.1335E-01	61.1
520	283.5	1797.8	0.0	0.44063	0.1260E-01	1.44714	0.1336E-01	61.1
520	284.0	1798.2	0.0	0.44057	0.1246E-01	1.44706	0.1330E-01	61.3
520	284.5	1749.2	0.0	0.44069	0.1272E-01	1.44714	0.1340E-01	61.2
520	285.0	1798.4	0.0	0.43936	0.9685E-02	1.44718	0.1338E-01	61.1
520	285.5	1798.0	0.0	0.44064	0.1262E-01	1.44729	0.1347E-01	61.3

520	286.0	1798.8	0.0	0.44060	0.1253E-01	1.44722	0.1342E-01	61.0
520	286.5	1799.2	0.0	0.44067	0.1264E-01	1.44732	0.1349E-01	61.1
520	287.0	1799.6	0.0	0.43979	0.1067E-01	1.44738	0.1353E-01	61.2
520	287.5	1798.4	0.0	0.44054	0.1238E-01	1.44734	0.1350E-01	61.2
520	288.0	1798.8	0.0	0.44065	0.1265E-01	1.44735	0.1351E-01	61.4
520	288.5	1799.2	0.0	0.44071	0.1278E-01	1.44745	0.1358E-01	61.2
520	289.0	1799.0	0.0	0.44069	0.1274E-01	1.44739	0.1354E-01	61.2
520	289.5	1799.2	0.0	0.44070	0.1277E-01	1.44743	0.1356E-01	61.4
520	290.0	1799.2	0.0	0.44065	0.1263E-01	1.44745	0.1358E-01	61.3
520	290.5	1798.4	0.0	0.44072	0.1280E-01	1.44751	0.1362E-01	61.1
520	291.0	1799.2	0.0	0.43934	0.9640E-02	1.44751	0.1362E-01	61.2
520	291.5	1798.8	0.0	0.44075	0.1287E-01	1.44760	0.1368E-01	61.1
520	292.0	1798.6	0.0	0.44074	0.1286E-01	1.44761	0.1369E-01	61.2
520	292.5	1798.6	0.0	0.43939	0.9744E-02	1.44765	0.1371E-01	61.1
520	293.0	1797.8	0.0	0.43958	0.1018E-01	1.44760	0.1368E-01	61.2
520	293.5	1798.6	0.0	0.44085	0.1311E-01	1.44773	0.1377E-01	61.2
520	294.0	1799.2	0.0	0.44085	0.1311E-01	1.44770	0.1375E-01	61.0
520	294.5	1798.8	0.0	0.44089	0.1319E-01	1.44776	0.1380E-01	61.2
520	295.0	1800.0	0.0	0.44090	0.1322E-01	1.44780	0.1382E-01	61.3
520	295.5	1799.0	0.0	0.44087	0.1314E-01	1.44781	0.1383E-01	61.1
520	296.0	1798.8	0.0	0.44090	0.1322E-01	1.44788	0.1386E-01	61.2
520	296.5	1798.8	0.0	0.44098	0.1339E-01	1.44789	0.1386E-01	61.0
520	297.0	1799.2	0.1	0.44096	0.1336E-01	1.44786	0.1387E-01	61.3
520	297.5	1799.2	0.0	0.44096	0.1335E-01	1.44791	0.1390E-01	61.1
520	298.0	1798.8	0.1	0.44107	0.1360E-01	1.44806	0.1400E-01	61.3
520	298.5	1798.6	0.1	0.44101	0.1347E-01	1.44792	0.1391E-01	61.4
520	299.0	1799.4	0.0	0.44105	0.1356E-01	1.44803	0.1398E-01	61.1
520	299.5	1798.8	0.0	0.44104	0.1354E-01	1.44798	0.1395E-01	61.1
520	300.0	1798.0	0.1	0.44113	0.1374E-01	1.44811	0.1404E-01	61.1
520	300.5	1798.0	0.1	0.44098	0.1341E-01	1.44811	0.1404E-01	61.1
520	301.0	1799.4	0.1	0.44098	0.1339E-01	1.44813	0.1405E-01	61.2
520	301.5	1799.8	0.0	0.44107	0.1360E-01	1.44816	0.1408E-01	61.2
520	302.0	1798.8	0.1	0.44021	0.1162E-01	1.44816	0.1407E-01	61.2
520	302.5	1799.2	0.1	0.44104	0.1353E-01	1.44816	0.1408E-01	61.0
520	303.0	1799.8	0.0	0.44096	0.1335E-01	1.44830	0.1417E-01	61.1
520	303.5	1799.2	0.1	0.44091	0.1323E-01	1.44820	0.1410E-01	61.0
520	304.0	1799.0	0.1	0.44113	0.1375E-01	1.44835	0.1421E-01	61.2
520	304.5	1799.6	0.1	0.44074	0.1286E-01	1.44813	0.1405E-01	61.0
520	305.0	1799.4	0.0	0.44093	0.1328E-01	1.44834	0.1420E-01	61.2
520	305.5	1799.8	0.0	0.44115	0.1380E-01	1.44850	0.1431E-01	61.1
520	306.0	1799.6	0.1	0.44112	0.1372E-01	1.44839	0.1423E-01	61.1
520	306.5	1799.8	0.0	0.44129	0.1412E-01	1.44848	0.1430E-01	61.2
520	307.0	1800.4	0.1	0.44085	0.1311E-01	1.44847	0.1424E-01	61.2
520	307.5	1799.8	0.1	0.44037	0.1199E-01	1.44836	0.1422E-01	61.2
520	308.0	1798.6	0.1	0.44063	0.1260E-01	1.44838	0.1423E-01	61.5
520	308.5	1799.6	0.1	0.44107	0.1362E-01	1.44850	0.1431E-01	60.6
520	309.0	1799.8	0.0	0.44078	0.1295E-01	1.44854	0.1434E-01	61.2
520	309.5	1799.4	0.1	0.44085	0.1311E-01	1.44844	0.1427E-01	61.1
520	310.0	1799.4	0.1	0.44086	0.1313E-01	1.44850	0.1431E-01	61.1
520	310.5	1800.6	0.1	0.44070	0.1275E-01	1.44850	0.1431E-01	60.9
520	311.0	1799.6	0.1	0.44082	0.1304E-01	1.44853	0.1434E-01	61.2
520	311.5	1799.8	0.1	0.44094	0.1332E-01	1.44862	0.1440E-01	61.1
520	312.0	1799.2	0.1	0.44087	0.1314E-01	1.44858	0.1437E-01	61.1
520	312.5	1800.0	0.0	0.44097	0.1336E-01	1.44864	0.1441E-01	61.0
520	313.0	1799.2	0.1	0.44078	0.1295E-01	1.44857	0.1436E-01	61.1
520	313.5	1799.8	0.1	0.44100	0.1344E-01	1.44870	0.1445E-01	61.1
520	314.0	1799.4	0.1	0.44096	0.1335E-01	1.44868	0.1444E-01	61.0
520	314.5	1799.4	0.1	0.44102	0.1346E-01	1.44877	0.1450E-01	61.0
520	315.0	1799.8	0.1	0.44110	0.1368E-01	1.44878	0.1451E-01	61.1
520	315.5	1799.8	0.1	0.44122	0.1395E-01	1.44877	0.1450E-01	61.1

520	316.0	1799.2	0.1	0.44102	0.1350E-01	1.44873	0.1448E-01	61
520	316.5	1800.0	0.1	0.44124	0.1401E-01	1.44871	0.1446E-01	61.0
520	317.0	1800.6	0.1	0.44110	0.1368E-01	1.44881	0.1453E-01	61.1
520	317.5	1799.0	0.1	0.44116	0.1383E-01	1.44878	0.1451E-01	61.3
520	318.0	1799.6	0.1	0.44111	0.1369E-01	1.44885	0.1456E-01	61.1
520	318.5	1799.2	0.0	0.44111	0.1369E-01	1.44883	0.1454E-01	61.1
520	319.0	1799.6	0.1	0.44111	0.1369E-01	1.44889	0.1458E-01	61.1
520	319.5	1799.0	0.1	0.44122	0.1396E-01	1.44892	0.1461E-01	61.2
520	320.0	1798.6	0.1	0.44109	0.1365E-01	1.44878	0.1451E-01	61.1
520	320.5	1798.6	0.1	0.44126	0.1405E-01	1.44897	0.1464E-01	60.9
520	321.0	1799.4	0.1	0.44125	0.1402E-01	1.44904	0.1469E-01	61.3
520	321.5	1799.4	0.1	0.44112	0.1372E-01	1.44882	0.1454E-01	61.1
520	322.0	1799.8	0.1	0.44131	0.1417E-01	1.44897	0.1464E-01	61.1
520	322.5	1800.2	0.1	0.44131	0.1417E-01	1.44901	0.1467E-01	61.2
520	323.0	1799.8	0.1	0.44129	0.1412E-01	1.44893	0.1461E-01	61.1
520	323.5	1799.2	0.1	0.44136	0.1427E-01	1.44904	0.1469E-01	61.1
520	324.0	1799.8	0.1	0.44127	0.1406E-01	1.44907	0.1471E-01	61.3
520	324.5	1799.4	0.1	0.44133	0.1420E-01	1.44900	0.1468E-01	61.2
520	325.0	1800.0	0.1	0.44131	0.1415E-01	1.44904	0.1464E-01	61.1
520	325.5	1799.6	0.1	0.44134	0.1423E-01	1.44902	0.1468E-01	61.2
520	326.0	1799.6	0.1	0.44142	0.1442E-01	1.44911	0.1474E-01	61.2
520	326.5	1799.8	0.1	0.44132	0.1418E-01	1.44904	0.1464E-01	61.0
520	327.0	1799.8	0.1	0.44142	0.1442E-01	1.44913	0.1475E-01	61.1
520	327.5	1800.0	0.1	0.44137	0.1430E-01	1.44919	0.1480E-01	61.1
520	328.0	1800.0	0.1	0.44148	0.1456E-01	1.44921	0.1481E-01	60.9
520	328.5	1799.2	0.1	0.44128	0.1409E-01	1.44911	0.1474E-01	61.3
520	329.0	1799.6	0.1	0.44142	0.1441E-01	1.44916	0.1477E-01	61.1
520	329.5	1799.4	0.1	0.44004	0.1123E-01	1.44908	0.1472E-01	61.2
520	330.0	1798.8	0.1	0.44148	0.1456E-01	1.44920	0.1480E-01	61.2
520	330.5	1800.0	0.1	0.44139	0.1435E-01	1.44924	0.1483E-01	61.1
520	331.0	1801.2	0.1	0.44138	0.1432E-01	1.44921	0.1481E-01	61.2
520	331.5	1800.2	0.1	0.44145	0.1448E-01	1.44925	0.1484E-01	61.1
520	332.0	1799.4	0.1	0.44135	0.1426E-01	1.44917	0.1478E-01	61.2
520	332.5	1798.8	0.1	0.44150	0.1459E-01	1.44927	0.1485E-01	61.1
520	333.0	1799.2	0.1	0.44149	0.1457E-01	1.44925	0.1484E-01	61.1
520	333.5	1799.2	0.1	0.44141	0.1439E-01	1.44933	0.1489E-01	61.2
520	334.0	1799.0	0.1	0.44157	0.1477E-01	1.44934	0.1490E-01	61.2
520	334.5	1799.8	0.1	0.44155	0.1472E-01	1.44927	0.1485E-01	61.1
520	335.0	1799.4	0.1	0.44056	0.1243E-01	1.44928	0.1485E-01	61.2
520	335.5	1799.8	0.1	0.44155	0.1471E-01	1.44935	0.1491E-01	61.1
520	336.0	1799.0	0.1	0.44153	0.1468E-01	1.44936	0.1491E-01	61.1
520	336.5	1799.2	0.1	0.44156	0.1474E-01	1.44932	0.1489E-01	61.1
520	337.0	1798.8	0.1	0.44164	0.1493E-01	1.44934	0.1490E-01	61.1
520	337.5	1799.0	0.1	0.44163	0.1490E-01	1.44937	0.1492E-01	61.2
520	338.0	1799.6	0.1	0.44167	0.1499E-01	1.44936	0.1491E-01	61.1
520	338.5	1799.2	0.1	0.44043	0.1213E-01	1.44937	0.1492E-01	61.1
520	339.0	1799.6	0.1	0.44165	0.1494E-01	1.44953	0.1503E-01	61.0
520	339.5	1799.4	0.1	0.44173	0.1512E-01	1.44942	0.1496E-01	60.9
520	340.0	1798.8	0.1	0.44171	0.1508E-01	1.44944	0.1497E-01	61.1
520	340.5	1798.2	0.1	0.44161	0.1484E-01	1.44946	0.1496E-01	61.1
520	341.0	1799.0	0.1	0.44181	0.1530E-01	1.44949	0.1501E-01	61.1
520	341.5	1799.4	0.1	0.44182	0.1533E-01	1.44954	0.1504E-01	61.1
520	342.0	1798.6	0.1	0.44168	0.1502E-01	1.44952	0.1503E-01	60.8
520	342.5	1798.6	0.1	0.44085	0.1311E-01	1.44958	0.1507E-01	60.9
520	343.0	1799.2	0.1	0.44176	0.1520E-01	1.44954	0.1504E-01	61.1
520	343.5	1799.4	0.1	0.44185	0.1541E-01	1.44954	0.1504E-01	60.8
520	344.0	1798.8	0.1	0.44179	0.1527E-01	1.44968	0.1514E-01	61.1
520	344.5	1798.2	0.1	0.44181	0.1530E-01	1.44967	0.1513E-01	61.0
520	345.0	1798.2	0.1	0.44181	0.1530E-01	1.44974	0.1518E-01	61.2
520	345.5	1797.6	0.1	0.44183	0.1535E-01	1.44975	0.1516E-01	61.0

520	346.0	1798.2	0.1	0.44183	0.1536E-01	1.44975	0.1519E-01	61.1
520	346.5	1799.4	0.1	0.44181	0.1530E-01	1.44973	0.1517E-01	61.1
520	347.0	1798.6	0.1	0.44190	0.1552E-01	1.44982	0.1523E-01	61.1
520	347.5	1800.4	0.1	0.44052	0.1234E-01	1.44980	0.1522E-01	61.0
520	348.0	1799.6	0.1	0.44183	0.1535E-01	1.44982	0.1523E-01	61.1
520	348.5	1800.2	0.1	0.44174	0.1526E-01	1.44978	0.1521E-01	61.1
520	349.0	1800.6	0.1	0.44181	0.1530E-01	1.44975	0.1518E-01	61.1
520	349.5	1800.0	0.1	0.44180	0.1529E-01	1.44985	0.1526E-01	61.0
520	350.0	1800.0	0.1	0.44176	0.1520E-01	1.44983	0.1524E-01	61.1
520	350.5	1799.4	0.1	0.44183	0.1536E-01	1.44985	0.1526E-01	61.1
520	351.0	1799.0	0.1	0.44192	0.1557E-01	1.44982	0.1523E-01	60.8
520	351.5	1799.2	0.1	0.44056	0.1244E-01	1.45002	0.1537E-01	61.1

521B	170.0							
521	165.0	1727.0	0.0	0.43667	0.7660E-02	1.41227	0.7975E-02	21.7
521	165.5	1767.2	0.0	0.43678	0.7915E-02	1.41291	0.8432E-02	22.4
521	166.0	1796.4	0.0	0.43686	0.8109E-02	1.41318	0.8619E-02	22.2
521	166.5	1809.4	0.0	0.43690	0.8199E-02	1.41325	0.8674E-02	22.3
521	167.0	1810.6	0.0	0.43693	0.8274E-02	1.41330	0.8707E-02	22.4
521	167.5	1808.0	0.0	0.43682	0.8019E-02	1.41308	0.8553E-02	22.2
521	168.0	1800.6	0.0	0.43681	0.8004E-02	1.41308	0.8553E-02	22.4
521	168.5	1791.4	0.0	0.43678	0.7929E-02	1.41310	0.8564E-02	22.4
521	169.0	1786.2	0.0	0.43680	0.7974E-02	1.41306	0.8537E-02	22.3
521	169.5	1780.0	0.0	0.43685	0.8079E-02	1.41318	0.8619E-02	22.3
521	170.0	1783.4	0.0	0.43710	0.8663E-02	1.41340	0.8779E-02	85.8
521	170.5	1786.2	0.0	0.43744	0.9456E-02	1.41377	0.9043E-02	89.5
521	171.0	1785.6	0.0	0.43766	0.9949E-02	1.41405	0.9242E-02	90.1
521	171.5	1781.0	0.0	0.43770	0.1004E-01	1.41420	0.9352E-02	90.8
521	172.0	1778.0	0.0	0.43785	0.1038E-01	1.41434	0.9451E-02	91.0
521	172.5	1776.8	0.0	0.43799	0.1071E-01	1.41438	0.9478E-02	91.2
521	173.0	1776.2	0.0	0.43805	0.1086E-01	1.41461	0.9644E-02	91.0
521	173.5	1775.4	0.0	0.43814	0.1106E-01	1.41462	0.9649E-02	91.0
521	174.0	1776.0	0.0	0.43825	0.1131E-01	1.41475	0.9743E-02	91.0
521	174.5	1776.0	0.0	0.43845	0.1177E-01	1.41494	0.9881E-02	91.0
521	175.0	1777.0	0.0	0.43864	0.1222E-01	1.41504	0.9952E-02	91.0
521	175.5	1777.0	0.0	0.43868	0.1231E-01	1.41515	0.1003E-01	91.0
521	176.0	1778.0	0.0	0.43880	0.1258E-01	1.41530	0.1013E-01	90.8
521	176.5	1777.4	0.0	0.43875	0.1246E-01	1.41538	0.1019E-01	90.8
521	177.0	1777.2	0.0	0.43881	0.1260E-01	1.41542	0.1022E-01	90.7
521	177.5	1777.6	0.0	0.43890	0.1282E-01	1.41548	0.1027E-01	90.6
521	178.0	1777.6	0.0	0.43897	0.1299E-01	1.41553	0.1030E-01	90.8
521	178.5	1777.6	0.0	0.43910	0.1329E-01	1.41566	0.1039E-01	90.5
521	179.0	1776.4	0.0	0.43917	0.1344E-01	1.41572	0.1043E-01	90.6
521	179.5	1778.4	0.0	0.43927	0.1367E-01	1.41572	0.1044E-01	90.4
521	180.0	1779.4	0.0	0.43927	0.1366E-01	1.41589	0.1055E-01	90.5
521	180.5	1779.2	0.0	0.43938	0.1391E-01	1.41603	0.1066E-01	90.5
521	181.0	1778.8	0.0	0.43943	0.1403E-01	1.41612	0.1072E-01	90.3
521	181.5	1779.6	0.0	0.44026	0.1595E-01	1.41611	0.1071E-01	90.6
521	182.0	1779.0	0.0	0.44027	0.1598E-01	1.41627	0.1083E-01	90.4
521	182.5	1779.8	0.0	0.43960	0.1442E-01	1.41631	0.1086E-01	90.3
521	183.0	1781.6	0.0	0.43965	0.1455E-01	1.41633	0.1087E-01	89.9
521	183.5	1781.2	0.0	0.43975	0.1478E-01	1.41644	0.1095E-01	90.2
521	184.0	1781.6	0.0	0.43973	0.1472E-01	1.41649	0.1098E-01	90.2
521	184.5	1781.6	0.0	0.43983	0.1496E-01	1.41646	0.1097E-01	90.2
521	185.0	1782.8	0.0	0.43990	0.1513E-01	1.41658	0.1105E-01	89.9
521	185.5	1782.2	0.0	0.43998	0.1531E-01	1.41666	0.1111E-01	90.2
521	186.0	1782.6	0.0	0.44010	0.1559E-01	1.41671	0.1114E-01	90.0
521	186.5	1782.6	0.0	0.44017	0.1574E-01	1.41689	0.1127E-01	90.2
521	187.0	1782.0	0.0	0.44027	0.1598E-01	1.41686	0.1125E-01	90.0
521	187.5	1783.6	0.0	0.44047	0.1644E-01	1.41693	0.1130E-01	89.9
521	188.0	1784.2	0.0	0.44069	0.1695E-01	1.41700	0.1135E-01	90.0
521	188.5	1784.0	0.0	0.44098	0.1762E-01	1.41697	0.1133E-01	89.9
521	189.0	1784.8	0.0	0.44103	0.1773E-01	1.41710	0.1142E-01	90.0
521	189.5	1784.8	0.0	0.44107	0.1782E-01	1.41705	0.1134E-01	90.1
521	190.0	1786.4	0.0	0.44116	0.1804E-01	1.41721	0.1150E-01	90.1
521	190.5	1786.2	0.0	0.44126	0.1825E-01	1.41731	0.1157E-01	90.1
521	191.0	1785.2	0.0	0.44135	0.1846E-01	1.41733	0.1158E-01	90.1
521	191.5	1786.0	0.0	0.44135	0.1846E-01	1.41734	0.1159E-01	90.1
521	192.0	1787.6	0.0	0.44140	0.1858E-01	1.41734	0.1159E-01	90.0
521	192.5	1786.8	0.0	0.44103	0.1773E-01	1.41742	0.1165E-01	90.1
521	193.0	1788.2	0.0	0.43989	0.1511E-01	1.41754	0.1173E-01	89.7
521	193.5	1787.8	0.0	0.43983	0.1496E-01	1.41755	0.1174E-01	90.0
521	194.0	1788.2	0.0	0.44002	0.1541E-01	1.41760	0.1178E-01	90.1

521	194.5	1788.4	0.0	0.44083	0.1728E-01	1.41771	0.1185E-01	90.0
521	195.0	1789.0	0.0	0.44090	0.1743E-01	1.41774	0.1188E-01	90.0
521	195.5	1789.4	0.0	0.44083	0.1728E-01	1.41774	0.1188E-01	90.0
521	196.0	1789.0	0.0	0.44091	0.1746E-01	1.41787	0.1197E-01	90.0
521	196.5	1790.4	0.0	0.44027	0.1598E-01	1.41783	0.1194E-01	90.0
521	197.0	1790.6	0.0	0.44027	0.1598E-01	1.41792	0.1201E-01	90.0
521	197.5	1791.8	0.0	0.44039	0.1625E-01	1.41797	0.1204E-01	89.8
521	198.0	1791.6	0.0	0.44130	0.1836E-01	1.41802	0.1208E-01	89.9
521	198.5	1790.2	0.0	0.44206	0.2011E-01	1.41799	0.1206E-01	89.9
521	199.0	1791.8	0.0	0.44224	0.2053E-01	1.41802	0.1207E-01	89.9
521	199.5	1793.6	0.0	0.44247	0.2107E-01	1.41809	0.1213E-01	89.9
521	200.0	1795.2	0.0	0.44253	0.2118E-01	1.41818	0.1214E-01	89.9
521	200.5	1795.2	0.0	0.44260	0.2136E-01	1.41812	0.1214E-01	90.0
521	201.0	1796.8	0.0	0.44268	0.2154E-01	1.41818	0.1214E-01	89.6
521	201.5	1796.8	0.0	0.44267	0.2151E-01	1.41815	0.1217E-01	89.9
521	202.0	1796.6	0.0	0.44276	0.2172E-01	1.41832	0.1224E-01	89.8
521	202.5	1797.2	0.0	0.44160	0.1905E-01	1.41832	0.1224E-01	89.9
521	203.0	1796.6	0.0	0.44167	0.1921E-01	1.41832	0.1224E-01	89.8
521	203.5	1796.4	0.0	0.44177	0.1944E-01	1.41840	0.1235E-01	89.9
521	204.0	1797.2	0.0	0.44185	0.1961E-01	1.41854	0.1245E-01	89.7
521	204.5	1798.2	0.0	0.44181	0.1952E-01	1.41849	0.1241E-01	89.7
521	205.0	1796.4	0.0	0.44195	0.1986E-01	1.41852	0.1244E-01	89.8
521	205.5	1797.6	0.0	0.44206	0.2011E-01	1.41862	0.1250E-01	89.6
521	206.0	1798.2	0.0	0.44206	0.2011E-01	1.41856	0.1246E-01	89.9
521	206.5	1799.2	0.0	0.44212	0.2024E-01	1.41859	0.1249E-01	89.7
521	207.0	1798.6	0.0	0.44228	0.2062E-01	1.41870	0.1256E-01	89.8
521	207.5	1799.0	0.0	0.44225	0.2056E-01	1.41871	0.1257E-01	89.8
521	208.0	1797.4	0.0	0.44223	0.2050E-01	1.41872	0.1257E-01	89.9
521	208.5	1797.8	0.0	0.44222	0.2048E-01	1.41881	0.1264E-01	89.8
521	209.0	1797.6	0.0	0.44221	0.2045E-01	1.41883	0.1266E-01	89.9
521	209.5	1798.0	0.0	0.44218	0.2038E-01	1.41886	0.1266E-01	89.8
521	210.0	1797.8	0.0	0.44226	0.2058E-01	1.41889	0.1269E-01	89.8
521	210.5	1799.2	0.0	0.44221	0.2045E-01	1.41886	0.1267E-01	89.7
521	211.0	1798.6	0.0	0.44229	0.2065E-01	1.41896	0.1275E-01	89.8
521	211.5	1799.2	0.0	0.44225	0.2054E-01	1.41903	0.1279E-01	89.4
521	212.0	1800.0	0.0	0.44231	0.2069E-01	1.41903	0.1280E-01	89.6
521	212.5	1800.0	0.0	0.44232	0.2071E-01	1.41910	0.1284E-01	89.8
521	213.0	1800.4	0.0	0.44229	0.2065E-01	1.41897	0.1276E-01	89.8
521	213.5	1799.8	0.0	0.44237	0.2082E-01	1.41912	0.1286E-01	89.8
521	214.0	1799.0	0.0	0.44235	0.2078E-01	1.41914	0.1286E-01	89.8
521	214.5	1799.4	0.0	0.44320	0.2274E-01	1.41922	0.1293E-01	89.7
521	215.0	1799.6	0.0	0.44321	0.2277E-01	1.41932	0.1300E-01	89.7
521	215.5	1799.6	0.0	0.44327	0.2289E-01	1.41923	0.1294E-01	89.6
521	216.0	1799.4	0.0	0.44327	0.2289E-01	1.41926	0.1298E-01	89.5
521	216.5	1798.4	0.0	0.44333	0.2304E-01	1.41934	0.1302E-01	89.8
521	217.0	1798.6	0.0	0.44332	0.2301E-01	1.41930	0.1299E-01	89.9
521	217.5	1799.0	0.0	0.44315	0.2262E-01	1.41929	0.1298E-01	89.5
521	218.0	1799.2	0.0	0.44332	0.2301E-01	1.41933	0.1301E-01	89.8
521	218.5	1798.8	0.0	0.44330	0.2298E-01	1.41950	0.1313E-01	89.6
521	219.0	1798.6	0.0	0.44324	0.2283E-01	1.41946	0.1310E-01	89.8
521	219.5	1797.8	0.0	0.44328	0.2294E-01	1.41947	0.1311E-01	89.8
521	220.0	1799.2	0.0	0.44303	0.2235E-01	1.41946	0.1310E-01	89.7
521	220.5	1799.2	0.0	0.44325	0.2285E-01	1.41957	0.1319E-01	89.5
521	221.0	1799.6	0.0	0.44247	0.2105E-01	1.41957	0.1318E-01	89.6
521	221.5	1799.6	0.0	0.44253	0.2120E-01	1.41966	0.1325E-01	89.6
521	222.0	1798.8	0.0	0.44163	0.1912E-01	1.41959	0.1320E-01	89.5
521	222.5	1798.4	0.0	0.44193	0.1981E-01	1.41964	0.1323E-01	89.9
521	223.0	1799.6	0.0	0.44188	0.1969E-01	1.41964	0.1323E-01	89.5
521	223.5	1798.2	0.0	0.44271	0.2162E-01	1.41964	0.1323E-01	89.6
521	224.0	1798.8	0.0	0.44247	0.2107E-01	1.41971	0.1328E-01	89.7

521	224.5	1798.4	0.0	0.44270	0.2160E-01	1.41972	0.1329E-01	89.1
521	225.0	1798.2	0.0	0.44279	0.2180E-01	1.41976	0.1332E-01	89.6
521	225.5	1798.2	0.0	0.44284	0.2202E-01	1.41990	0.1342E-01	89.5
521	226.0	1798.0	0.0	0.44295	0.2216E-01	1.41991	0.1342E-01	89.7
521	226.5	1797.2	0.0	0.44295	0.2217E-01	1.41978	0.1333E-01	89.6
521	227.0	1797.4	0.0	0.44306	0.2241E-01	1.41984	0.1338E-01	89.6
521	227.5	1798.6	0.1	0.44308	0.2247E-01	1.41990	0.1346E-01	89.4
521	228.0	1799.0	0.0	0.44307	0.2244E-01	1.41990	0.1346E-01	89.7
521	228.5	1798.6	0.0	0.44304	0.2237E-01	1.41997	0.1347E-01	89.5
521	229.0	1798.2	0.0	0.44309	0.2249E-01	1.41999	0.1348E-01	89.3
521	229.5	1799.0	0.0	0.44314	0.2261E-01	1.42008	0.1355E-01	89.8
521	230.0	1799.8	0.1	0.44322	0.2279E-01	1.42012	0.1358E-01	89.6
521	230.5	1798.6	0.0	0.44319	0.2273E-01	1.42013	0.1358E-01	89.3
521	231.0	1799.2	0.0	0.44306	0.2241E-01	1.42002	0.1350E-01	89.6
521	231.5	1798.8	0.0	0.44316	0.2265E-01	1.42016	0.1360E-01	89.5
521	232.0	1798.4	0.0	0.44323	0.2282E-01	1.42011	0.1357E-01	89.5
521	232.5	1798.4	0.0	0.44320	0.2274E-01	1.42015	0.1360E-01	89.2
521	233.0	1798.2	0.0	0.44319	0.2273E-01	1.42024	0.1366E-01	89.7
521	233.5	1798.6	0.1	0.44321	0.2277E-01	1.42024	0.1370E-01	89.2
521	234.0	1798.2	0.0	0.44325	0.2286E-01	1.42024	0.1366E-01	89.6
521	234.5	1798.4	0.0	0.44321	0.2277E-01	1.42024	0.1366E-01	89.3
521	235.0	1799.4	0.0	0.44323	0.2282E-01	1.42034	0.1373E-01	89.4
521	235.5	1799.4	0.0	0.44327	0.2289E-01	1.42035	0.1374E-01	89.6
521	236.0	1799.6	0.0	0.44327	0.2291E-01	1.42039	0.1377E-01	89.6
521	236.5	1799.4	0.1	0.44323	0.2282E-01	1.42039	0.1377E-01	89.5
521	237.0	1799.6	0.1	0.44336	0.2310E-01	1.42053	0.1387E-01	89.6
521	237.5	1800.0	0.0	0.44328	0.2294E-01	1.42056	0.1389E-01	89.7
521	238.0	1800.0	0.0	0.44338	0.2314E-01	1.42055	0.1388E-01	89.5
521	238.5	1800.0	0.0	0.44334	0.2306E-01	1.42050	0.1385E-01	89.6
521	239.0	1800.0	0.1	0.44339	0.2317E-01	1.42068	0.1397E-01	89.4
521	239.5	1799.6	0.1	0.44338	0.2316E-01	1.42065	0.1395E-01	89.5
521	240.0	1798.2	0.1	0.44344	0.2329E-01	1.42061	0.1392E-01	89.6
521	240.5	1799.0	0.1	0.44334	0.2307E-01	1.42068	0.1396E-01	89.6
521	241.0	1798.6	0.1	0.44330	0.2247E-01	1.42065	0.1395E-01	89.5
521	241.5	1799.2	0.0	0.44351	0.2344E-01	1.42068	0.1398E-01	89.4
521	242.0	1799.2	0.0	0.44348	0.2338E-01	1.42077	0.1404E-01	89.5
521	242.5	1798.8	0.1	0.44345	0.2332E-01	1.42079	0.1406E-01	89.4
521	243.0	1798.0	0.1	0.44354	0.2352E-01	1.42070	0.1399E-01	89.5
521	243.5	1798.0	0.0	0.44352	0.2349E-01	1.42087	0.1411E-01	89.5
521	244.0	1799.2	0.0	0.44351	0.2346E-01	1.42080	0.1406E-01	89.3
521	244.5	1800.6	0.0	0.44352	0.2347E-01	1.42085	0.1410E-01	89.5
521	245.0	1800.4	0.0	0.44347	0.2335E-01	1.42085	0.1409E-01	89.5
521	245.5	1800.0	0.0	0.44360	0.2365E-01	1.42086	0.1410E-01	89.3
521	246.0	1800.6	0.0	0.44360	0.2365E-01	1.42097	0.1418E-01	89.4
521	246.5	1800.4	0.1	0.44376	0.2403E-01	1.42099	0.1420E-01	89.5
521	247.0	1800.4	0.1	0.44362	0.2370E-01	1.42096	0.1418E-01	89.5
521	247.5	1799.8	0.0	0.44369	0.2386E-01	1.42102	0.1422E-01	89.5
521	248.0	1798.8	0.0	0.44368	0.2385E-01	1.42101	0.1421E-01	89.2
521	248.5	1798.6	0.1	0.44362	0.2370E-01	1.42099	0.1420E-01	89.5
521	249.0	1798.2	0.0	0.44381	0.2415E-01	1.42117	0.1433E-01	89.5
521	249.5	1798.6	0.0	0.44378	0.2409E-01	1.42105	0.1424E-01	89.4
521	250.0	1799.0	0.0	0.44380	0.2412E-01	1.42118	0.1433E-01	89.5
521	250.5	1800.0	0.1	0.44380	0.2412E-01	1.42110	0.1426E-01	89.6
521	251.0	1798.8	0.1	0.44386	0.2425E-01	1.42118	0.1433E-01	89.3
521	251.5	1798.2	0.0	0.44389	0.2434E-01	1.42115	0.1431E-01	89.5
521	252.0	1798.2	0.1	0.44382	0.2418E-01	1.42117	0.1433E-01	89.6
521	252.5	1798.2	0.1	0.44395	0.2448E-01	1.42124	0.1437E-01	89.4
521	253.0	1799.4	0.1	0.44393	0.2443E-01	1.42127	0.1440E-01	89.3
521	253.5	1799.2	0.1	0.44391	0.2437E-01	1.42130	0.1442E-01	89.4
521	254.0	1799.4	0.1	0.44389	0.2434E-01	1.42120	0.1435E-01	89.4

521	254.5	1799.6	0.1	0.44398	0.2454E-01	1.42136	0.1446E-01	89.5
521	255.0	1799.6	0.1	0.44399	0.2455E-01	1.42137	0.1447E-01	89.4
521	255.5	1799.4	0.1	0.44399	0.2455E-01	1.42136	0.1447E-01	89.4
521	256.0	1799.2	0.1	0.44403	0.2466E-01	1.42139	0.1448E-01	89.5
521	256.5	1798.6	0.1	0.44416	0.2496E-01	1.42132	0.1443E-01	89.4
521	257.0	1797.6	0.1	0.44408	0.2476E-01	1.42144	0.1452E-01	89.4
521	257.5	1797.8	0.1	0.44399	0.2457E-01	1.42139	0.1446E-01	89.3
521	258.0	1798.2	0.1	0.44411	0.2484E-01	1.42141	0.1450E-01	89.4
521	258.5	1799.2	0.1	0.44412	0.2487E-01	1.42145	0.1452E-01	89.5
521	259.0	1798.6	0.1	0.44410	0.2482E-01	1.42155	0.1460E-01	89.3
521	259.5	1799.8	0.1	0.44404	0.2467E-01	1.42152	0.1457E-01	89.3
521	260.0	1798.8	0.1	0.44423	0.2512E-01	1.42157	0.1461E-01	89.3
521	260.5	1798.4	0.1	0.44419	0.2502E-01	1.42145	0.1452E-01	89.5
521	261.0	1799.0	0.1	0.44413	0.2490E-01	1.42150	0.1456E-01	88.9
521	261.5	1798.8	0.1	0.44424	0.2513E-01	1.42156	0.1461E-01	89.0
521	262.0	1799.2	0.1	0.44430	0.2527E-01	1.42153	0.1458E-01	89.3
521	262.5	1798.6	0.1	0.44426	0.2519E-01	1.42166	0.1467E-01	89.1
521	263.0	1797.8	0.1	0.44426	0.2518E-01	1.42165	0.1467E-01	89.3
521	263.5	1798.6	0.1	0.44423	0.2510E-01	1.42177	0.1475E-01	89.4
521	264.0	1798.2	0.1	0.44424	0.2513E-01	1.42170	0.1471E-01	89.5
521	264.5	1798.6	0.1	0.44437	0.2545E-01	1.42181	0.1478E-01	89.3
521	265.0	1798.6	0.1	0.44441	0.2552E-01	1.42180	0.1479E-01	89.4
521	265.5	1798.4	0.1	0.44434	0.2537E-01	1.42177	0.1475E-01	89.5
521	266.0	1798.8	0.1	0.44439	0.2548E-01	1.42184	0.1480E-01	89.4
521	266.5	1798.0	0.1	0.44432	0.2531E-01	1.42179	0.1477E-01	89.4
521	267.0	1798.6	0.1	0.44434	0.2537E-01	1.42178	0.1476E-01	89.4
521	267.5	1797.0	0.1	0.44436	0.2542E-01	1.42188	0.1483E-01	89.4
521	268.0	1798.0	0.1	0.44444	0.2560E-01	1.42177	0.1475E-01	89.0
521	268.5	1799.0	0.1	0.44437	0.2543E-01	1.42187	0.1483E-01	89.4
521	269.0	1798.6	0.1	0.44442	0.2555E-01	1.42190	0.1485E-01	89.3
521	269.5	1798.6	0.1	0.44443	0.2557E-01	1.42194	0.1488E-01	89.2
521	270.0	1797.8	0.1	0.44443	0.2558E-01	1.42189	0.1484E-01	89.3
521	270.5	1796.2	0.1	0.44439	0.2549E-01	1.42193	0.1487E-01	89.4
521	271.0	1796.2	0.1	0.44442	0.2555E-01	1.42189	0.1484E-01	89.2
521	271.5	1796.8	0.1	0.44439	0.2548E-01	1.42199	0.1491E-01	89.3
521	272.0	1798.4	0.1	0.44449	0.2572E-01	1.42198	0.1490E-01	89.3
521	272.5	1799.0	0.1	0.44461	0.2600E-01	1.42209	0.1498E-01	89.1
521	273.0	1799.2	0.1	0.44458	0.2591E-01	1.42202	0.1493E-01	89.2
521	273.5	1798.8	0.1	0.44464	0.2606E-01	1.42207	0.1497E-01	89.3
521	274.0	1798.6	0.1	0.44467	0.2614E-01	1.42223	0.1508E-01	89.3
521	274.5	1798.8	0.1	0.44474	0.2629E-01	1.42208	0.1498E-01	89.2
521	275.0	1799.8	0.1	0.44469	0.2617E-01	1.42207	0.1496E-01	89.1
521	275.5	1800.4	0.1	0.44404	0.2469E-01	1.42217	0.1504E-01	89.3
521	276.0	1799.8	0.1	0.44485	0.2654E-01	1.42217	0.1504E-01	89.3
521	276.5	1799.2	0.1	0.44467	0.2612E-01	1.42226	0.1510E-01	89.4
521	277.0	1798.0	0.1	0.44474	0.2629E-01	1.42227	0.1511E-01	89.2
521	277.5	1796.8	0.1	0.44472	0.2624E-01	1.42222	0.1508E-01	89.3
521	278.0	1798.4	0.1	0.44478	0.2638E-01	1.42224	0.1509E-01	89.3
521	278.5	1799.0	0.1	0.44470	0.2621E-01	1.42229	0.1512E-01	89.2
521	279.0	1798.6	0.1	0.44470	0.2621E-01	1.42220	0.1506E-01	89.3
521	279.5	1797.0	0.1	0.44470	0.2620E-01	1.42218	0.1505E-01	89.3
521	280.0	1798.2	0.1	0.44485	0.2656E-01	1.42216	0.1505E-01	89.2
521	280.5	1794.6	0.1	0.44493	0.2672E-01	1.42241	0.1521E-01	89.3
521	281.0	1796.8	0.1	0.44484	0.2653E-01	1.42241	0.1521E-01	89.3
521	281.5	1798.4	0.1	0.44489	0.2665E-01	1.42233	0.1515E-01	89.4
521	282.0	1796.2	0.1	0.44487	0.2660E-01	1.42237	0.1516E-01	89.1
521	282.5	1798.2	0.1	0.44491	0.2668E-01	1.42241	0.1521E-01	89.3
521	283.0	1794.0	0.1	0.44487	0.2660E-01	1.42237	0.1516E-01	89.3
521	283.5	1796.8	0.1	0.44501	0.2692E-01	1.42251	0.1526E-01	89.2
521	284.0	1798.6	0.1	0.44497	0.2683E-01	1.42240	0.1520E-01	89.3

521	284.5	1798.6	0.1	0.44497	0.2683E-01	1.42258	0.1533E-01	89.2
521	285.0	1799.2	0.1	0.44504	0.2699E-01	1.42254	0.1530E-01	89.3
521	285.5	1797.6	0.1	0.44417	0.2497E-01	1.42242	0.1522E-01	89.2
521	286.0	1798.8	0.1	0.44507	0.2706E-01	1.42251	0.1528E-01	89.3
521	286.5	1799.0	0.1	0.44505	0.2700E-01	1.42253	0.1529E-01	88.7
521	287.0	1798.8	0.1	0.44509	0.2711E-01	1.42258	0.1533E-01	89.3
521	287.5	1797.8	0.1	0.44512	0.2717E-01	1.42261	0.1535E-01	89.3
521	288.0	1798.6	0.1	0.44510	0.2712E-01	1.42253	0.1529E-01	89.3
521	288.5	1797.8	0.1	0.44505	0.2700E-01	1.42258	0.1533E-01	89.3
521	289.0	1799.6	0.1	0.44502	0.2693E-01	1.42265	0.1538E-01	89.2
521	289.5	1797.0	0.1	0.44507	0.2705E-01	1.42268	0.1540E-01	89.1
521	290.0	1799.2	0.1	0.44526	0.2748E-01	1.42278	0.1547E-01	89.1

C.7 : 2000°F Biaxial Constant Pressure Strain Data
(In 20% O₂ - 80% Ar 1 atm)

THIS PAGE
WAS INTENTIONALLY
LEFT BLANK

LENGTH 2000 F OXY BIAXIAL TRUE 1977

.50	623.05	.000205	1.00	645.77	.000927
1.50	662.08	.000318	2.00	671.53	.000306
2.50	682.06	.000377	3.00	687.41	.000935
3.50	687.09	.000412	4.00	687.02	.003158
4.50	694.37	.000934	5.00	691.95	.000533
5.50	685.75	.0004265	6.00	690.70	.000116
6.50	685.67	.000090	7.00	689.54	.000080
7.50	684.43	.002800	8.00	687.14	.000071
8.50	688.10	.000005	9.00	684.68	.000002
9.50	685.09	.000025	10.00	686.56	.000122
20.00	683.37	.001401	30.00	682.63	.003328
40.00	685.98	.002405	50.00	680.90	.002898
60.00	685.19	.003669	70.00	693.74	.004916
80.00	693.53	.004756	90.00	694.67	.005616
100.00	690.08	.001746	110.00	696.48	.006315
120.00	695.97	.005997	.50	724.83	.000019
1.00	750.55	.001095	1.50	771.39	.000190
2.00	795.06	.003972	2.50	812.16	.000296
3.00	820.68	.000377	3.50	827.75	.000320
4.00	829.83	.000456	4.50	837.98	.009528
5.00	834.73	.004959	5.50	829.39	.000646
6.00	827.15	.001082	6.50	827.40	.000575
7.00	825.63	.002102	7.50	827.84	.000665
8.00	837.67	.000806	8.50	805.58	.017349
9.00	825.29	.000443	9.50	826.53	.000551
10.00	825.80	.000396	20.00	848.53	.000665
30.00	915.92	.003198	.50	902.72	.000554
1.00	924.00	.000619	1.50	948.62	.000636
2.00	974.54	.000593	2.50	997.66	.000664
3.00	1019.29	.000725	3.50	1034.11	.000822
4.00	1037.95	.000972	4.50	1035.25	.001045
5.00	1036.50	.001102	5.50	1035.02	.001227
6.00	1035.64	.001202	6.50	1035.97	.001254
7.00	1039.88	.001183	7.50	1039.25	.001113
8.00	1042.88	.001073	8.50	1046.28	.001093
9.00	1048.26	.001083	9.50	1050.12	.001094
10.00	1054.09	.001142			

DIAMETER 2000 F OXY BIAXIAL TRUE 1977

.50	623.05	.000772	1.00	645.77	.000818
1.50	662.08	.000974	2.00	671.53	.000941
2.50	692.06	.001032	3.00	687.41	.001081
3.50	687.09	.001150	4.00	687.02	.001350
4.50	694.37	.001411	5.00	691.95	.001441
5.50	685.75	.001380	6.00	690.70	.001601
6.50	685.67	.001429	7.00	689.54	.001440
7.50	684.43	.001511	8.00	687.14	.001611
8.50	688.10	.001581	9.00	684.68	.001701
9.50	685.09	.001671	10.00	686.56	.001990
20.00	683.37	.002452	30.00	682.63	.003071
40.00	685.98	.003352	50.00	680.90	.003931
60.00	685.19	.004240	70.00	693.74	.004569
80.00	693.53	.004959	90.00	694.67	.005259
100.00	690.08	.005569	110.00	696.48	.005919
120.00	695.97	.006199	.50	724.83	.004226
1.00	750.55	.003817	1.50	771.39	.003864
2.00	795.06	.003718	2.50	812.16	.003380
3.00	820.68	.003381	3.50	827.75	.002814
4.00	829.83	.002932	4.50	837.98	.003053
5.00	834.73	.002645	5.50	829.39	.002413
6.00	827.15	.002523	6.50	827.40	.002401
7.00	825.63	.002013	7.50	827.84	.001841
8.00	837.67	.004387	8.50	805.58	.001594
9.00	825.29	.001491	9.50	826.53	.001226
10.00	825.80	.001162	20.00	848.53	.016824
30.00	915.92	.050652	.50	902.72	.001224
1.00	924.00	.001327	1.50	948.62	.001474
2.00	974.54	.001631	2.50	997.66	.002096
3.00	1019.29	.002392	3.50	1034.11	.002570
4.00	1037.95	.003270	4.50	1035.25	.004114
5.00	1036.50	.005130	5.50	1035.02	.006198
6.00	1035.64	.007640	6.50	1035.97	.009239
7.00	1039.88	.010899	7.50	1039.25	.012359
8.00	1042.88	.014249	8.50	1046.28	.015988
9.00	1048.26	.017808	9.50	1050.12	.019857
10.00	1054.09	.021687			

SPLINE,P2,T100.
 ACCOUNT,P8P652,BATNW.
 ATTACH(ULDLGO,SPLINELGO,ID=KBSBNW)
 ULDLGO.

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*
.001      20.
LENGTH    2000 F OXY BIAXIAL    ENGR 1977
3
-4.6      1.6      3.7
3
0.0      645.77    924.
1.00      200.00    .000005    2.00      200.00    .000005
3.00      200.00    .000005    4.00      200.00    .000006
5.00      200.00    .000006    10.00     200.00    .000006
15.00     200.00    .000006    20.00     200.00    .000007
25.00     200.00    .000007    30.00     200.00    .000008
35.00     200.00    .000008    40.00     200.00    .000009
1.00      400.00    .000036    2.00      400.00    .000047
3.00      400.00    .000053    4.00      400.00    .000057
5.00      400.00    .000070    10.00     400.00    .000070
15.00     400.00    .000081    20.00     400.00    .000093
25.00     400.00    .000108    30.00     400.00    .000125
35.00     400.00    .000145    40.00     400.00    .000167
.50       645.77    .000205    1.00      645.77.00025
1.50      645.77    .0003180.0    0.0      0.0
2.50      645.77    .000377    3.00      645.77.0004
3.50      645.77    .000412    4.00      645.77.00045
4.50      645.77.0005    0.0      5.00      645.77    .000533
5.50      645.77.00054    0.0      0.0      0.0
6.50      645.77.00058    7.00      645.77.0006
7.50      645.77.00064    8.00      645.77.00066
0.0      0.0      0.0      9.00      645.77.00074
0.0      0.0      0.0      10.00     645.77.00078
20.00     645.77    .001401    30.00     645.77.0019
40.00     645.77    .0024050.0    0.0      0.0
1.00      924.00.0004    1.50      924.00.00045
2.00      924.00    .000593    2.50      924.00    .000664
3.00      924.00    .000725    3.50      924.00    .000822
4.00      924.00    .000972    4.50      924.00    .001045
5.00      924.00    .001102    5.50      924.00.0012
6.00      924.00    .001202    6.50      924.00    .001254
7.00      924.00.0013    7.50      924.00.00135
8.00      924.00.0014    8.50      924.00.00141
9.00      924.00.00145    9.50      924.00.0015
10.00     924.00.0016    20.      924.    .004
30.      924.00.0065    40.      924.    .007
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SPLINE,P2,T100.
 ACCOUNT,PSP652,BATNH.
 ATTACH(OLDLGO,SPLINELGO,ID=K888NN)
 OLDLGO.

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*
.001      20.
          DIAMETER  2000 F OXY BIAXIAL  ENGH  1977
3
-4.6      1.6      3.7
3
0.0      645.77    924.
          1.00      200.00    .000007    2.00      200.00    .000007
          3.00      200.00    .000007    4.00      200.00    .000007
          5.00      200.00    .000008    10.00     200.00    .000008
          15.00     200.00    .000008    20.00     200.00    .000008
          25.00     200.00    .000008    30.00     200.00    .000009
          35.00     200.00    .000009    40.00     200.00    .000009
          1.00      400.00    .000078    2.00      400.00    .000099
          3.00      400.00    .000108    4.00      400.00    .000113
          5.00      400.00    .000115    10.00     400.00    .000119
          15.00     400.00    .000125    20.00     400.00    .000135
          25.00     400.00    .000148    30.00     400.00    .000164
          35.00     400.00    .000182    40.00     400.00    .000204
          .50       645.77    .000772    1.00      645.77    .000818
          1.50      645.77    .0009740.0    0.0      0.0
          2.50      645.77    .001032    3.00      645.77    .001081
          3.50      645.77    .001150    4.00      645.77    .001350
          4.50      645.77    .001411    5.00      645.77.001412
          5.50      645.77    .0014130.0    0.0      0.0
          6.50      645.77    .001429    7.00      645.77    .001440
          7.50      645.77    .001511    8.00      645.77    .001611
          0.0      0.0      0.0      9.00      645.77    .001701
          0.0      0.0      0.0      10.00     645.77    .001990
          20.00     645.77    .002452    30.00     645.77    .003071
          40.00     645.77    .0033520.0    0.0      0.0
          1.00      924.00    .001327    1.50      924.00    .001474
          2.00      924.00    .001631    2.50      924.00    .002096
          3.00      924.00    .002392    3.50      924.00    .002570
          4.00      924.00    .003270    4.50      924.00    .004119
          5.00      924.00    .005130    5.50      924.00    .006198
          6.00      924.00    .007640    6.50      924.00    .009239
          7.00      924.00    .010899    7.50      924.00    .012359
          8.00      924.00    .014249    8.50      924.00    .015988
          9.00      924.00    .017808    9.50      924.00    .019857
          10.00     924.00    .02168720.    924.    .055
          30.      924.00.09    40.      924.    .11
  
```

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	H	TR
1.	100.	.1814E-05	.2055E-05	.883	-8.531
2.	100.	.1889E-05	.2152E-05	.878	-8.197
3.	100.	.1922E-05	.2196E-05	.875	-8.006
4.	100.	.1939E-05	.2222E-05	.873	-7.861
5.	100.	.1951E-05	.2240E-05	.871	-7.740
10.	100.	.1986E-05	.2289E-05	.867	-7.545
15.	100.	.2032E-05	.2324E-05	.874	-7.958
20.	100.	.2090E-05	.2357E-05	.887	-8.824
25.	100.	.2155E-05	.2389E-05	.902	-10.202
30.	100.	.2225E-05	.2421E-05	.919	-12.354
35.	100.	.2299E-05	.2453E-05	.937	-15.937
40.	100.	.2375E-05	.2484E-05	.956	-22.830
45.	100.	.2454E-05	.2515E-05	.976	-41.091
50.	100.	.2534E-05	.2546E-05	.996	*****
55.	100.	.2616E-05	.2576E-05	1.016	64.008
60.	100.	.2700E-05	.2606E-05	1.036	27.813
65.	100.	.2785E-05	.2636E-05	1.056	17.716
70.	100.	.2871E-05	.2665E-05	1.077	12.975
75.	100.	.2958E-05	.2695E-05	1.098	10.224
80.	100.	.3047E-05	.2723E-05	1.119	8.429
85.	100.	.3136E-05	.2752E-05	1.140	7.167
90.	100.	.3227E-05	.2780E-05	1.161	6.230
95.	100.	.3318E-05	.2809E-05	1.182	5.508
100.	100.	.3411E-05	.2836E-05	1.203	4.935
105.	100.	.3505E-05	.2864E-05	1.224	4.468
110.	100.	.3600E-05	.2892E-05	1.245	4.082
115.	100.	.3696E-05	.2919E-05	1.266	3.756
120.	100.	.3793E-05	.2946E-05	1.288	3.478

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN DIAMETER	H	TR
1.	200.	.4717E-05	.6498E-05	.726	-3.648
2.	200.	.5214E-05	.7146E-05	.730	-3.699
3.	200.	.5457E-05	.7408E-05	.737	-3.797
4.	200.	.5608E-05	.7540E-05	.744	-3.902
5.	200.	.5712E-05	.7610E-05	.751	-4.009
10.	200.	.6046E-05	.7736E-05	.782	-4.578
15.	200.	.6390E-05	.7875E-05	.811	-5.305
20.	200.	.6785E-05	.8070E-05	.841	-6.279
25.	200.	.7221E-05	.8307E-05	.869	-7.651
30.	200.	.7693E-05	.8574E-05	.897	-9.733
35.	200.	.8145E-05	.8863E-05	.925	-13.270
40.	200.	.8725E-05	.9170E-05	.952	-20.633
45.	200.	.9282E-05	.9441E-05	.978	-45.422
50.	200.	.9865E-05	.9825E-05	1.004	247.465
55.	200.	.1047E-04	.1017E-04	1.030	33.615
60.	200.	.1111E-04	.1053E-04	1.055	18.134
65.	200.	.1177E-04	.1089E-04	1.080	12.460
70.	200.	.1245E-04	.1127E-04	1.105	9.512
75.	200.	.1316E-04	.1165E-04	1.130	7.706
80.	200.	.1390E-04	.1204E-04	1.154	6.485
85.	200.	.1466E-04	.1244E-04	1.178	5.804
90.	200.	.1545E-04	.1285E-04	1.203	4.938
95.	200.	.1627E-04	.1327E-04	1.226	4.416
100.	200.	.1712E-04	.1369E-04	1.250	3.996
105.	200.	.1799E-04	.1413E-04	1.274	3.651
110.	200.	.1890E-04	.1457E-04	1.297	3.362
115.	200.	.1983E-04	.1501E-04	1.321	3.116
120.	200.	.2079E-04	.1547E-04	1.344	2.905

2000 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	300.	.1333E-04		.2306E-04	.578	=2.170
2.	300.	.1576E-04		.2650E-04	.593	=2.457
3.	300.	.1707E-04		.2796E-04	.610	=2.566
4.	300.	.1793E-04		.2861E-04	.627	=2.680
5.	300.	.1856E-04		.2891E-04	.642	=2.795
10.	300.	.2071E-04		.2927E-04	.708	=3.420
15.	300.	.2279E-04		.2993E-04	.761	=4.142
20.	300.	.2512E-04		.3106E-04	.809	=5.232
25.	300.	.2770E-04		.3252E-04	.852	=6.754
30.	300.	.3054E-04		.3424E-04	.892	=9.250
35.	300.	.3361E-04		.3617E-04	.929	=14.175
40.	300.	.3690E-04		.3828E-04	.965	=28.659
45.	300.	.4052E-04		.4055E-04	.999	*****
50.	300.	.4436E-04		.4299E-04	1.032	31.293
55.	300.	.4847E-04		.4557E-04	1.064	15.724
60.	300.	.5286E-04		.4831E-04	1.091	10.804
65.	300.	.5754E-04		.5119E-04	1.124	A.770
70.	300.	.6252E-04		.5422E-04	1.153	6.531
75.	300.	.6781E-04		.5739E-04	1.181	5.510
80.	300.	.7343E-04		.6072E-04	1.209	4.779
85.	300.	.7939E-04		.6420E-04	1.236	4.229
90.	300.	.8570E-04		.6784E-04	1.263	3.800
95.	300.	.9237E-04		.7164E-04	1.289	3.456
100.	300.	.9943E-04		.7560E-04	1.315	3.173
105.	300.	.1069E-03		.7973E-04	1.341	2.936
110.	300.	.1148E-03		.8403E-04	1.366	2.735
115.	300.	.1231E-03		.8850E-04	1.390	2.562
120.	300.	.1318E-03		.9316E-04	1.415	2.411

2000 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	400.	.3731E-04		.8148E-04	.458	=1.845
2.	400.	.4718E-04		.9796E-04	.482	=1.929
3.	400.	.5294E-04		.1047E-03	.506	=2.023
4.	400.	.5698E-04		.1079E-03	.528	=2.114
5.	400.	.6010E-04		.1095E-03	.549	=2.216
10.	400.	.7128E-04		.1123E-03	.635	=2.739
15.	400.	.8209E-04		.1164E-03	.709	=3.389
20.	400.	.9416E-04		.1229E-03	.766	=4.274
25.	400.	.1077E-03		.1312E-03	.821	=5.596
30.	400.	.1229E-03		.1408E-03	.872	=7.833
35.	400.	.1397E-03		.1518E-03	.920	=12.525
40.	400.	.1563E-03		.1639E-03	.965	=28.931
45.	400.	.1788E-03		.1773E-03	1.009	116.019
50.	400.	.2013E-03		.1917E-03	1.050	19.980
55.	400.	.2260E-03		.2073E-03	1.090	11.113
60.	400.	.2529E-03		.2241E-03	1.129	7.775
65.	400.	.2823E-03		.2421E-03	1.166	6.020
70.	400.	.3143E-03		.2614E-03	1.203	4.936
75.	400.	.3491E-03		.2819E-03	1.238	4.198
80.	400.	.3868E-03		.3039E-03	1.273	3.663
85.	400.	.4276E-03		.3272E-03	1.307	3.257
90.	400.	.4718E-03		.3520E-03	1.340	2.938
95.	400.	.5194E-03		.3783E-03	1.373	2.660
100.	400.	.5702E-03		.4062E-03	1.405	2.467
105.	400.	.6262E-03		.4358E-03	1.437	2.288
110.	400.	.6857E-03		.4671E-03	1.468	2.136
115.	400.	.7497E-03		.5001E-03	1.499	2.005
120.	400.	.8183E-03		.5351E-03	1.529	1.890

2000 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	500.	.9412E-04		.2542E-03	.370	-1.588
2.	500.	.1264E-03		.3164E-03	.400	-1.665
3.	500.	.1467E-03		.3443E-03	.426	-1.742
4.	500.	.1618E-03		.3598E-03	.450	-1.817
5.	500.	.1739E-03		.3694E-03	.471	-1.889
10.	500.	.2203E-03		.3955E-03	.557	-2.257
15.	500.	.2659E-03		.4233E-03	.628	-2.690
20.	500.	.3173E-03		.4579E-03	.693	-3.256
25.	500.	.3758E-03		.4987E-03	.753	-4.055
30.	500.	.4423E-03		.5452E-03	.811	-5.299
35.	500.	.5176E-03		.5969E-03	.867	-7.531
40.	500.	.6026E-03		.6538E-03	.922	-12.771
45.	500.	.6981E-03		.7160E-03	.975	-40.149
50.	500.	.8051E-03		.7835E-03	1.028	36.199
55.	500.	.9244E-03		.8566E-03	1.079	12.582
60.	500.	.1058E-02		.9354E-03	1.131	7.646
65.	500.	.1206E-02		.1020E-02	1.182	5.505
70.	500.	.1369E-02		.1111E-02	1.232	4.307
75.	500.	.1550E-02		.1209E-02	1.282	3.541
80.	500.	.1750E-02		.1313E-02	1.332	3.008
85.	500.	.1970E-02		.1425E-02	1.382	2.616
90.	500.	.2211E-02		.1544E-02	1.432	2.315
95.	500.	.2476E-02		.1671E-02	1.482	2.076
100.	500.	.2766E-02		.1807E-02	1.531	1.883
105.	500.	.3083E-02		.1951E-02	1.581	1.722
110.	500.	.3430E-02		.2104E-02	1.630	1.587
115.	500.	.3807E-02		.2266E-02	1.680	1.471
120.	500.	.4217E-02		.2439E-02	1.729	1.371

2000 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	600.	.1949E-03		.6213E-03	.314	-1.457
2.	600.	.2740E-03		.7922E-03	.346	-1.529
3.	600.	.3271E-03		.8819E-03	.371	-1.590
4.	600.	.3686E-03		.9427E-03	.391	-1.642
5.	600.	.4036E-03		.9897E-03	.408	-1.689
10.	600.	.5459E-03		.1159E-02	.471	-1.890
15.	600.	.6899E-03		.1312E-02	.526	-2.110
20.	600.	.8532E-03		.1469E-02	.581	-2.385
25.	600.	.1041E-02		.1637E-02	.636	-2.749
30.	600.	.1258E-02		.1814E-02	.693	-3.261
35.	600.	.1506E-02		.2003E-02	.752	-4.033
40.	600.	.1790E-02		.2203E-02	.813	-5.337
45.	600.	.2113E-02		.2415E-02	.875	-8.010
50.	600.	.2480E-02		.2639E-02	.940	-16.574
55.	600.	.2894E-02		.2876E-02	1.006	159.966
60.	600.	.3360E-02		.3126E-02	1.075	13.338
65.	600.	.3884E-02		.3390E-02	1.146	6.855
70.	600.	.4471E-02		.3668E-02	1.219	4.566
75.	600.	.5127E-02		.3961E-02	1.294	3.396
80.	600.	.5857E-02		.4266E-02	1.372	2.686
85.	600.	.6669E-02		.4591E-02	1.452	2.210
90.	600.	.7569E-02		.4931E-02	1.535	1.869
95.	600.	.8565E-02		.5297E-02	1.620	1.613
100.	600.	.9665E-02		.5660E-02	1.708	1.413
105.	600.	.1088E-01		.6051E-02	1.798	1.253
110.	600.	.1221E-01		.6460E-02	1.891	1.123
115.	600.	.1368E-01		.6888E-02	1.986	1.014
120.	600.	.1529E-01		.7335E-02	2.084	.922

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	700.	.3033E-03		.1000E-02	.286	-1.401
2.	700.	.4374E-03		.1370E-02	.319	-1.469
3.	700.	.5325E-03		.1574E-02	.338	-1.511
4.	700.	.6107E-03		.1744E-02	.350	-1.539
5.	700.	.6793E-03		.1900E-02	.358	-1.557
10.	700.	.9775E-03		.2595E-02	.377	-1.604
15.	700.	.1287E-02		.3208E-02	.401	-1.670
20.	700.	.1640E-02		.3774E-02	.434	-1.768
25.	700.	.2047E-02		.4308E-02	.475	-1.905
30.	700.	.2517E-02		.4618E-02	.522	-2.093
35.	700.	.3057E-02		.5309E-02	.576	-2.358
40.	700.	.3677E-02		.5785E-02	.636	-2.744
45.	700.	.4384E-02		.6247E-02	.702	-3.352
50.	700.	.5187E-02		.6699E-02	.774	-4.432
55.	700.	.6097E-02		.7141E-02	.854	-6.843
60.	700.	.7124E-02		.7574E-02	.941	-16.822
65.	700.	.8279E-02		.8000E-02	1.035	28.717
70.	700.	.9573E-02		.8419E-02	1.137	7.295
75.	700.	.1102E-01		.8832E-02	1.248	4.038
80.	700.	.1263E-01		.9239E-02	1.367	2.721
85.	700.	.1443E-01		.9641E-02	1.497	2.014
90.	700.	.1642E-01		.1004E-01	1.636	1.573
95.	700.	.1862E-01		.1043E-01	1.785	1.273
100.	700.	.2105E-01		.1082E-01	1.946	1.057
105.	700.	.2374E-01		.1120E-01	2.119	.894
110.	700.	.2669E-01		.1158E-01	2.304	.767
115.	700.	.2993E-01		.1196E-01	2.503	.665
120.	700.	.3348E-01		.1233E-01	2.715	.583

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	800.	.3613E-03		.1230E-02	.294	-1.416
2.	800.	.5317E-03		.1684E-02	.316	-1.461
3.	800.	.6593E-03		.2083E-02	.317	-1.461
4.	800.	.7688E-03		.2486E-02	.309	-1.448
5.	800.	.8685E-03		.2910E-02	.298	-1.425
10.	800.	.1326E-02		.5246E-02	.253	-1.338
15.	800.	.1811E-02		.7554E-02	.240	-1.315
20.	800.	.2363E-02		.9626E-02	.245	-1.325
25.	800.	.2999E-02		.1140E-01	.263	-1.357
30.	800.	.3730E-02		.1287E-01	.290	-1.408
35.	800.	.4568E-02		.1406E-01	.325	-1.481
40.	800.	.5525E-02		.1499E-01	.369	-1.584
45.	800.	.6612E-02		.1564E-01	.421	-1.726
50.	800.	.7843E-02		.1620E-01	.484	-1.938
55.	800.	.9229E-02		.1654E-01	.558	-2.262
60.	800.	.1079E-01		.1674E-01	.644	-2.812
65.	800.	.1253E-01		.1682E-01	.745	-3.921
70.	800.	.1447E-01		.1680E-01	.862	-7.230
75.	800.	.1663E-01		.1669E-01	.997	*****
80.	800.	.1903E-01		.1652E-01	1.152	6.506
85.	800.	.2168E-01		.1629E-01	1.331	3.018
90.	800.	.2461E-01		.1601E-01	1.537	1.862
95.	800.	.2783E-01		.1570E-01	1.773	1.294
100.	800.	.3137E-01		.1536E-01	2.042	.960
105.	800.	.3525E-01		.1506E-01	2.350	.741
110.	800.	.3950E-01		.1463E-01	2.700	.588
115.	800.	.4413E-01		.1424E-01	3.099	.476
120.	800.	.4919E-01		.1385E-01	3.553	.392

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TM
1.	900.	.3644E-03		.1024E-02	.361	-1.564
2.	900.	.5712E-03		.1714E-02	.332	-1.498
3.	900.	.7317E-03		.2542E-02	.288	-1.404
4.	900.	.8742E-03		.3550E-02	.246	-1.327
5.	900.	.1007E-02		.4782E-02	.211	-1.267
10.	900.	.1636E-02		.1422E-01	.115	-1.130
15.	900.	.2314E-02		.2670E-01	.087	-1.095
20.	900.	.3088E-02		.3917E-01	.079	-1.086
25.	900.	.3980E-02		.4967E-01	.080	-1.087
30.	900.	.5008E-02		.5738E-01	.087	-1.096
35.	900.	.6186E-02		.6220E-01	.099	-1.110
40.	900.	.7530E-02		.6444E-01	.117	-1.132
45.	900.	.9054E-02		.6456E-01	.140	-1.163
50.	900.	.1078E-01		.6307E-01	.171	-1.206
55.	900.	.1272E-01		.6042E-01	.211	-1.267
60.	900.	.1490E-01		.5700E-01	.261	-1.354
65.	900.	.1733E-01		.5313E-01	.326	-1.484
70.	900.	.2004E-01		.4904E-01	.409	-1.691
75.	900.	.2305E-01		.4491E-01	.513	-2.054
80.	900.	.2638E-01		.4086E-01	.646	-2.821
85.	900.	.3005E-01		.3696E-01	.813	-5.334
90.	900.	.3409E-01		.3333E-01	1.023	43.619
95.	900.	.3854E-01		.2993E-01	1.288	3.478
100.	900.	.4341E-01		.2680E-01	1.620	1.614
105.	900.	.4873E-01		.2394E-01	2.036	.966
110.	900.	.5454E-01		.2134E-01	2.556	.646
115.	900.	.6088E-01		.1900E-01	3.205	.454
120.	900.	.6777E-01		.1689E-01	4.013	.332

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TM
1.	1000.	.3646E-03		.6489E-03	.562	-2.283
2.	1000.	.6318E-03		.1711E-02	.369	-1.586
3.	1000.	.8616E-03		.3577E-02	.241	-1.317
4.	1000.	.1072E-02		.6640E-02	.161	-1.193
5.	1000.	.1271E-02		.1141E-01	.111	-1.125
10.	1000.	.2219E-02		.7736E-01	.029	-1.030
15.	1000.	.3251E-02		.2230E+00	.015	-1.015
20.	1000.	.4448E-02		.4122E+00	.011	-1.011
25.	1000.	.5850E-02		.5888E+00	.010	-1.010
30.	1000.	.7489E-02		.7142E+00	.010	-1.011
35.	1000.	.9396E-02		.7760E+00	.012	-1.012
40.	1000.	.1160E-01		.7800E+00	.015	-1.015
45.	1000.	.1414E-01		.7407E+00	.019	-1.019
50.	1000.	.1706E-01		.6742E+00	.025	-1.026
55.	1000.	.2037E-01		.5940E+00	.034	-1.036
60.	1000.	.2414E-01		.5104E+00	.047	-1.050
65.	1000.	.2840E-01		.4299E+00	.066	-1.071
70.	1000.	.3320E-01		.3566E+00	.093	-1.103
75.	1000.	.3858E-01		.2921E+00	.132	-1.152
80.	1000.	.4460E-01		.2369E+00	.188	-1.232
85.	1000.	.5132E-01		.1906E+00	.269	-1.369
90.	1000.	.5880E-01		.1523E+00	.386	-1.629
95.	1000.	.6709E-01		.1211E+00	.554	-2.241
100.	1000.	.7627E-01		.9594E-01	.795	-4.878
105.	1000.	.8641E-01		.7574E-01	1.141	7.098
110.	1000.	.9758E-01		.5964E-01	1.636	1.572
115.	1000.	.1099E+00		.4687E-01	2.344	.744
120.	1000.	.1233E+00		.3678E-01	3.353	.425

2000 P HTAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1100.	.3908E-03		.3308E-03	1.181	5.519
2.	1100.	.8381E-03		.1449E-02	.430	-1.755
3.	1100.	.1275E-02		.7259E-02	.176	-1.214
4.	1100.	.1693E-02		.2127E-01	.080	-1.086
5.	1100.	.2094E-02		.5350E-01	.039	-1.041
10.	1100.	.3491E-02		.1264E+01	.003	-1.003
15.	1100.	.6082E-02		.6927E+01	.001	-1.001
20.	1100.	.8587E-02		.1820E+02	.000	-1.000
25.	1100.	.1163E-01		.3139E+02	.000	-1.000
30.	1100.	.1534E-01		.4156E+02	.000	-1.000
35.	1100.	.1982E-01		.4609E+02	.000	-1.000
40.	1100.	.2521E-01		.4513E+02	.001	-1.001
45.	1100.	.3165E-01		.4037E+02	.001	-1.001
50.	1100.	.3930E-01		.3377E+02	.001	-1.001
55.	1100.	.4834E-01		.2684E+02	.002	-1.002
60.	1100.	.5897E-01		.2051E+02	.003	-1.003
65.	1100.	.7140E-01		.1519E+02	.005	-1.005
70.	1100.	.8589E-01		.1099E+02	.008	-1.008
75.	1100.	.1027E+00		.7797E+01	.013	-1.013
80.	1100.	.1221E+00		.5449E+01	.022	-1.023
85.	1100.	.1444E+00		.3762E+01	.038	-1.040
90.	1100.	.1701E+00		.2573E+01	.066	-1.071
95.	1100.	.1994E+00		.1746E+01	.114	-1.129
100.	1100.	.2328E+00		.1178E+01	.198	-1.246
105.	1100.	.2709E+00		.7908E+00	.343	-1.521
110.	1100.	.3140E+00		.5292E+00	.593	-2.460
115.	1100.	.3629E+00		.3531E+00	1.028	36.342
120.	1100.	.4180E+00		.2352E+00	1.777	1.267

2000 P BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1200.	.5113E-03		.1437E-03	3.557	.391
2.	1200.	.1553E-02		.2984E-02	.521	-2.086
3.	1200.	.2803E-02		.2656E-01	.106	-1.118
4.	1200.	.4112E-02		.1527E+00	.027	-1.028
5.	1200.	.5403E-02		.6672E+00	.008	-1.008
10.	1200.	.1150E+01		.9278E+02	.000	-1.000
15.	1200.	.1834E+01		.1259E+04	.000	-1.000
20.	1200.	.2700E+01		.5463E+04	.000	-1.000
25.	1200.	.3824E+01		.1244E+05	.000	-1.000
30.	1200.	.5289E+01		.1893E+05	.000	-1.000
35.	1200.	.7185E+01		.2200E+05	.000	-1.000
40.	1200.	.9625E+01		.2119E+05	.000	-1.000
45.	1200.	.1274E+02		.1781E+05	.000	-1.000
50.	1200.	.1670E+02		.1353E+05	.000	-1.000
55.	1200.	.2168E+02		.9517E+04	.000	-1.000
60.	1200.	.2792E+02		.6311E+04	.000	-1.000
65.	1200.	.3569E+02		.3998E+04	.000	-1.000
70.	1200.	.4532E+02		.2443E+04	.000	-1.000
75.	1200.	.5719E+02		.1451E+04	.000	-1.000
80.	1200.	.7174E+02		.8423E+03	.001	-1.001
85.	1200.	.8952E+02		.4804E+03	.002	-1.002
90.	1200.	.1111E+03		.2702E+03	.004	-1.004
95.	1200.	.1373E+03		.1502E+03	.009	-1.009
100.	1200.	.1689E+03		.8283E+02	.020	-1.021
105.	1200.	.2069E+03		.4536E+02	.046	-1.046
110.	1200.	.2524E+03		.2471E+02	.102	-1.114
115.	1200.	.3068E+03		.1341E+02	.229	-1.297
120.	1200.	.3715E+03		.7263E+01	.512	-2.047

2000 F BIAxIAL QXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1300.	.9189E+03		.5634E+04	16.309	.065
2.	1300.	.4685E+02		.7210E+02	.650	-2.855
3.	1300.	.1085E+01		.7192E+00	.050	-1.052
4.	1300.	.1833E+01		.3211E+01	.006	-1.006
5.	1300.	.2620E+01		.2996E+02	.001	-1.001
10.	1300.	.6406E+01		.4580E+05	.000	-1.000
15.	1300.	.1079E+00		.2106E+07	.000	-1.000
20.	1300.	.1660E+00		.1809E+08	.000	-1.000
25.	1300.	.2540E+00		.6057E+08	.000	-1.000
30.	1300.	.3775E+00		.1129E+09	.000	-1.000
35.	1300.	.5542E+00		.1425E+09	.000	-1.000
40.	1300.	.8053E+00		.1371E+09	.000	-1.000
45.	1300.	.1159E+01		.1083E+09	.000	-1.000
50.	1300.	.1655E+01		.7395E+08	.000	-1.000
55.	1300.	.2344E+01		.4521E+08	.000	-1.000
60.	1300.	.3294E+01		.2539E+08	.000	-1.000
65.	1300.	.4596E+01		.1335E+08	.000	-1.000
70.	1300.	.6370E+01		.6664E+07	.000	-1.000
75.	1300.	.8772E+01		.3194E+07	.000	-1.000
80.	1300.	.1201E+02		.1482E+07	.000	-1.000
85.	1300.	.1633E+02		.6700E+06	.000	-1.000
90.	1300.	.2210E+02		.2969E+06	.000	-1.000
95.	1300.	.2974E+02		.1295E+06	.000	-1.000
100.	1300.	.3982E+02		.5576E+05	.001	-1.001
105.	1300.	.5305E+02		.2378E+05	.002	-1.002
110.	1300.	.7035E+02		.1007E+05	.007	-1.007
115.	1300.	.9288E+02		.4241E+04	.022	-1.022
120.	1300.	.1221E+03		.1780E+04	.069	-1.074

2000 F BIAxIAL QXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TH
1.	1400.	.2551E+02		.2110E+04	120.917	.008
2.	1400.	.2679E+01		.3229E+01	.830	-5.876
3.	1400.	.8757E+01		.5102E+01	.017	-1.017
4.	1400.	.1792E+00		.2588E+03	.001	-1.001
5.	1400.	.2865E+00		.6555E+04	.000	-1.000
10.	1400.	.8332E+00		.2276E+09	.000	-1.000
15.	1400.	.1500E+01		.5106E+11	.000	-1.000
20.	1400.	.2517E+01		.1071E+13	.000	-1.000
25.	1400.	.4164E+01		.5990E+13	.000	-1.000
30.	1400.	.6858E+01		.1478E+14	.000	-1.000
35.	1400.	.1126E+02		.2116E+14	.000	-1.000
40.	1400.	.1841E+02		.2074E+14	.000	-1.000
45.	1400.	.2994E+02		.1547E+14	.000	-1.000
50.	1400.	.4845E+02		.9413E+13	.000	-1.000
55.	1400.	.7790E+02		.4914E+13	.000	-1.000
60.	1400.	.1245E+03		.2279E+13	.000	-1.000
65.	1400.	.1975E+03		.9645E+12	.000	-1.000
70.	1400.	.3114E+03		.3798E+12	.000	-1.000
75.	1400.	.4874E+03		.1413E+12	.000	-1.000
80.	1400.	.7589E+03		.5023E+11	.000	-1.000
85.	1400.	.1173E+04		.1723E+11	.000	-1.000
90.	1400.	.1802E+04		.5746E+10	.000	-1.000
95.	1400.	.2751E+04		.1874E+10	.000	-1.000
100.	1400.	.4173E+04		.6003E+09	.000	-1.000
105.	1400.	.6295E+04		.1897E+09	.000	-1.000
110.	1400.	.9442E+04		.5936E+08	.000	-1.000
115.	1400.	.1408E+05		.1843E+08	.001	-1.001
120.	1400.	.2089E+05		.5691E+07	.004	-1.004

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1500.	.1230E+01		.7990E+05	*****	.001
2.	1500.	.3384E+00		.3146E+00	1.076	13.182
3.	1500.	.1743E+01		.4188E+03	.004	=1.004
4.	1500.	.4584E+01		.1045E+06	.000	=1.000
5.	1500.	.8474E+01		.9459E+07	.000	=1.000
10.	1500.	.3055E+02		.1702E+14	.000	=1.000
15.	1500.	.5963E+02		.2823E+17	.000	=1.000
20.	1500.	.1103E+03		.1838E+19	.000	=1.000
25.	1500.	.2059E+03		.1989E+20	.000	=1.000
30.	1500.	.3898E+03		.7100E+20	.000	=1.000
35.	1500.	.7454E+03		.1215E+21	.000	=1.000
40.	1500.	.1433E+04		.1246E+21	.000	=1.000
45.	1500.	.2758E+04		.8834E+20	.000	=1.000
50.	1500.	.5301E+04		.4741E+20	.000	=1.000
55.	1500.	.1016E+05		.2086E+20	.000	=1.000
60.	1500.	.1936E+05		.7790E+19	.000	=1.000
65.	1500.	.3671E+05		.2570E+19	.000	=1.000
70.	1500.	.6915E+05		.7693E+18	.000	=1.000
75.	1500.	.1294E+06		.2132E+18	.000	=1.000
80.	1500.	.2403E+06		.5556E+17	.000	=1.000
85.	1500.	.4432E+06		.1380E+17	.000	=1.000
90.	1500.	.8113E+06		.3296E+16	.000	=1.000
95.	1500.	.1474E+07		.7636E+15	.000	=1.000
100.	1500.	.2660E+07		.1727E+15	.000	=1.000
105.	1500.	.4764E+07		.3834E+14	.000	=1.000
110.	1500.	.8471E+07		.8390E+13	.000	=1.000
115.	1500.	.1496E+08		.1817E+13	.000	=1.000
120.	1500.	.2624E+08		.3904E+12	.000	=1.000

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1600.	.1160E+00		.3240E+05	*****	.000
2.	1600.	.1100E+02		.7829E+01	1.405	2.469
3.	1600.	.1013E+03		.1516E+06	.001	=1.001
4.	1600.	.3665E+03		.2765E+09	.000	=1.000
5.	1600.	.8135E+03		.1218E+12	.000	=1.000
10.	1600.	.3811E+04		.2871E+20	.000	=1.000
15.	1600.	.8208E+04		.5599E+24	.000	=1.000
20.	1600.	.1719E+05		.1483E+27	.000	=1.000
25.	1600.	.3754E+05		.3665E+28	.000	=1.000
30.	1600.	.8526E+05		.2097E+29	.000	=1.000
35.	1600.	.1942E+06		.4557E+29	.000	=1.000
40.	1600.	.4735E+06		.3046E+29	.000	=1.000
45.	1600.	.1137E+07		.3438E+29	.000	=1.000
50.	1600.	.2744E+07		.1633E+29	.000	=1.000
55.	1600.	.6623E+07		.5904E+28	.000	=1.000
60.	1600.	.1595E+08		.1730E+28	.000	=1.000
65.	1600.	.3422E+08		.4307E+27	.000	=1.000
70.	1600.	.9107E+08		.9425E+26	.000	=1.000
75.	1600.	.2155E+09		.1863E+26	.000	=1.000
80.	1600.	.5058E+09		.3397E+25	.000	=1.000
85.	1600.	.1177E+10		.5806E+24	.000	=1.000
90.	1600.	.2718E+10		.9427E+23	.000	=1.000
95.	1600.	.6217E+10		.1470E+23	.000	=1.000
100.	1600.	.1410E+11		.2218E+22	.000	=1.000
105.	1600.	.3164E+11		.3266E+21	.000	=1.000
110.	1600.	.7055E+11		.4715E+20	.000	=1.000
115.	1600.	.1557E+12		.6709E+19	.000	=1.000
120.	1600.	.3408E+12		.9446E+18	.000	=1.000

2000 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	M	TR
1.	1700.	.2403E+01		.1489E+05	*****	.000
2.	1700.	.1072E+04		.5844E+03	1.834	1.200
3.	1700.	.2036E+05		.3026E+09	.000	-1.000
4.	1700.	.1094E+06		.8264E+13	.000	-1.000
5.	1700.	.3041E+06		.1896E+17	.000	-1.000
10.	1700.	.1953E+07		.1632E+28	.000	-1.000
15.	1700.	.4736E+07		.6271E+33	.000	-1.000
20.	1700.	.1158E+08		.9125E+36	.000	-1.000
25.	1700.	.3042E+08		.6193E+38	.000	-1.000
30.	1700.	.8821E+08		.6375E+39	.000	-1.000
35.	1700.	.2658E+09		.1885E+40	.000	-1.000
40.	1700.	.8285E+09		.2340E+40	.000	-1.000
45.	1700.	.2639E+10		.1553E+40	.000	-1.000
50.	1700.	.8505E+10		.6481E+39	.000	-1.000
55.	1700.	.2756E+11		.1903E+39	.000	-1.000
60.	1700.	.8936E+11		.4266E+38	.000	-1.000
65.	1700.	.2889E+12		.7735E+37	.000	-1.000
70.	1700.	.9289E+12		.1189E+37	.000	-1.000
75.	1700.	.2965E+13		.1602E+36	.000	-1.000
80.	1700.	.9383E+13		.1943E+35	.000	-1.000
85.	1700.	.2941E+14		.2188E+34	.000	-1.000
90.	1700.	.9123E+14		.2263E+33	.000	-1.000
95.	1700.	.2800E+15		.2240E+32	.000	-1.000
100.	1700.	.6500E+15		.2126E+31	.000	-1.000
105.	1700.	.2551E+16		.1952E+30	.000	-1.000
110.	1700.	.7573E+16		.1746E+29	.000	-1.000
115.	1700.	.2222E+17		.1532E+28	.000	-1.000
120.	1700.	.6450E+17		.1325E+27	.000	-1.000

2000 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1800.	.1230E+03		.8215E+06	*****	.000
2.	1800.	.3645E+06		.1536E+06	2.373	.729
3.	1800.	.1674E+08		.4166E+13	.000	-1.000
4.	1800.	.1454E+09		.1593E+19	.000	-1.000
5.	1800.	.5309E+09		.4824E+23	.000	-1.000
10.	1800.	.4967E+10		.4685E+37	.000	-1.000
15.	1800.	.1387E+11		.6241E+44	.000	-1.000
20.	1800.	.4096E+11		.6939E+48	.000	-1.000
25.	1800.	.1393E+12		.1587E+51	.000	-1.000
30.	1800.	.5307E+12		.3338E+52	.000	-1.000
35.	1800.	.2193E+13		.1451E+53	.000	-1.000
40.	1800.	.9568E+13		.2107E+53	.000	-1.000
45.	1800.	.4325E+14		.1387E+53	.000	-1.000
50.	1800.	.1998E+15		.5079E+52	.000	-1.000
55.	1800.	.9334E+15		.1193E+52	.000	-1.000
60.	1800.	.4380E+16		.1989E+51	.000	-1.000
65.	1800.	.2054E+17		.2539E+50	.000	-1.000
70.	1800.	.9583E+17		.2626E+49	.000	-1.000
75.	1800.	.4438E+18		.2297E+48	.000	-1.000
80.	1800.	.2635E+19		.1761E+47	.000	-1.000
85.	1800.	.9230E+19		.1213E+46	.000	-1.000
90.	1800.	.4135E+20		.7675E+44	.000	-1.000
95.	1800.	.1828E+21		.4536E+43	.000	-1.000
100.	1800.	.7974E+21		.2539E+42	.000	-1.000
105.	1800.	.3430E+22		.1362E+41	.000	-1.000
110.	1800.	.1455E+23		.7066E+39	.000	-1.000
115.	1800.	.6081E+23		.3574E+38	.000	-1.000
120.	1800.	.2506E+24		.1773E+37	.000	-1.000

2000 F BIAIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	1900.	.1752E+05		.5759E+06	*****	.000
2.	1900.	.5044E+09		.1670E+09	3.020	.495
3.	1900.	.6668E+11		.4446E+18	.000	-1.000
4.	1900.	.1029E+13		.5934E+25	.000	-1.000
5.	1900.	.5196E+13		.2716E+31	.000	-1.000
10.	1900.	.7564E+14		.1015E+49	.000	-1.000
15.	1900.	.2495E+15		.8686E+57	.000	-1.000
20.	1900.	.9255E+15		.1058E+63	.000	-1.000
25.	1900.	.4232E+16		.1019E+66	.000	-1.000
30.	1900.	.2283E+17		.5041E+67	.000	-1.000
35.	1900.	.1385E+18		.3511E+68	.000	-1.000
40.	1900.	.9091E+18		.6257E+68	.000	-1.000
45.	1900.	.6292E+19		.4171E+68	.000	-1.000
50.	1900.	.4501E+20		.1341E+68	.000	-1.000
55.	1900.	.3242E+21		.2461E+67	.000	-1.000
60.	1900.	.2414E+22		.2997E+66	.000	-1.000
65.	1900.	.1779E+23		.2596E+65	.000	-1.000
70.	1900.	.1306E+24		.1730E+64	.000	-1.000
75.	1900.	.9507E+24		.9356E+62	.000	-1.000
80.	1900.	.6847E+25		.4285E+61	.000	-1.000
85.	1900.	.4866E+26		.1718E+60	.000	-1.000
90.	1900.	.3408E+27		.6186E+58	.000	-1.000
95.	1900.	.2349E+28		.2045E+57	.000	-1.000
100.	1900.	.1592E+29		.6315E+55	.000	-1.000
105.	1900.	.1061E+30		.1847E+54	.000	-1.000
110.	1900.	.6941E+30		.5179E+52	.000	-1.000
115.	1900.	.4462E+31		.1405E+51	.000	-1.000
120.	1900.	.2818E+32		.3719E+49	.000	-1.000

2000 F BIAIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2000.	.7799E+07		.5431E+06	*****	.000
2.	2000.	.3307E+13		.6813E+12	3.753	.363
3.	2000.	.1523E+16		.6334E+24	.000	-1.000
4.	2000.	.4623E+17		.4237E+33	.000	-1.000
5.	2000.	.3420E+18		.4582E+40	.000	-1.000
10.	2000.	.8324E+19		.2487E+62	.000	-1.000
15.	2000.	.3340E+20		.2660E+73	.000	-1.000
20.	2000.	.1624E+21		.5238E+74	.000	-1.000
25.	2000.	.1057E+22		.2709E+83	.000	-1.000
30.	2000.	.8636E+22		.3675E+85	.000	-1.000
35.	2000.	.8281E+23		.4506E+86	.000	-1.000
40.	2000.	.8862E+24		.1040E+87	.000	-1.000
45.	2000.	.1020E+26		.7197E+86	.000	-1.000
50.	2000.	.1231E+27		.2036E+86	.000	-1.000
55.	2000.	.1528E+28		.2924E+85	.000	-1.000
60.	2000.	.1924E+29		.2490E+84	.000	-1.000
65.	2000.	.2433E+30		.1409E+83	.000	-1.000
70.	2000.	.3068E+31		.5778E+81	.000	-1.000
75.	2000.	.3416E+32		.1833E+80	.000	-1.000
80.	2000.	.4738E+33		.4737E+78	.000	-1.000
85.	2000.	.5761E+34		.1039E+77	.000	-1.000
90.	2000.	.6882E+35		.1995E+75	.000	-1.000
95.	2000.	.8063E+36		.3445E+73	.000	-1.000
100.	2000.	.9255E+37		.5466E+71	.000	-1.000
105.	2000.	.1040E+39		.8105E+69	.000	-1.000
110.	2000.	.1143E+40		.1140E+68	.000	-1.000
115.	2000.	.1224E+41		.1538E+66	.000	-1.000
120.	2000.	.1241E+42		.2010E+64	.000	-1.000

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TM
1.	2100.	.1221E+11		.7295E-06	*****	.000
2.	2100.	.1197E+18		.2651E+17	4.516	.284
3.	2100.	.2363E+21		.1094E+32	.000	-1.000
4.	2100.	.1576E+23		.7585E+42	.000	-1.000
5.	2100.	.1916E+24		.3134E+51	.000	-1.000
10.	2100.	.8006E+25		.1030E+78	.000	-1.000
15.	2100.	.4025E+26		.2820E+91	.000	-1.000
20.	2100.	.2687E+27		.1367E+99	.000	-1.000
25.	2100.	.2651E+28		.4933+103	.000	-1.000
30.	2100.	.3530E+29		.2166+106	.000	-1.000
35.	2100.	.5808E+30		.5185+107	.000	-1.000
40.	2100.	.1105E+32		.1645+108	.000	-1.000
45.	2100.	.2316E+33		.1213+108	.000	-1.000
50.	2100.	.5173E+34		.3033+107	.000	-1.000
55.	2100.	.1201E+35		.3336+106	.000	-1.000
60.	2100.	.2848E+37		.1947+105	.000	-1.000
65.	2100.	.6806E+38		.6928+103	.000	-1.000
70.	2100.	.1624E+40		.1667+102	.000	-1.000
75.	2100.	.3839E+41		.2936+100	.000	-1.000
80.	2100.	.8946E+42		.4030E+98	.000	-1.000
85.	2100.	.2047E+44		.4528E+96	.000	-1.000
90.	2100.	.4586E+45		.4329E+94	.000	-1.000
95.	2100.	.1000E+47		.3635E+92	.000	-1.000
100.	2100.	.2142E+48		.2750E+90	.000	-1.000
105.	2100.	.4453E+49		.1915E+88	.000	-1.000
110.	2100.	.9012E+50		.1248E+86	.000	-1.000
115.	2100.	.1775E+52		.7733E+83	.000	-1.000
120.	2100.	.3399E+53		.4605E+81	.000	-1.000

2000 F BIAXIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TM
1.	2200.	.7566E+14		.1478E-05	*****	.000
2.	2200.	.2787E+23		.5338E+22	5.221	.237
3.	2200.	.2945E+27		.3187E+40	.000	-1.000
4.	2200.	.4867E+29		.4451E+53	.000	-1.000
5.	2200.	.9330E+30		.1176E+64	.000	-1.000
10.	2200.	.8111E+32		.1080E+96	.000	-1.000
15.	2200.	.5288E+33		.1629+112	.000	-1.000
20.	2200.	.5102E+34		.3049+121	.000	-1.000
25.	2200.	.8159E+35		.1017+127	.000	-1.000
30.	2200.	.1918E+37		.1727+130	.000	-1.000
35.	2200.	.5912E+38		.9023+131	.000	-1.000
40.	2200.	.2196E+40		.4193+132	.000	-1.000
45.	2200.	.9247E+41		.3405+132	.000	-1.000
50.	2200.	.4228E+43		.7565+131	.000	-1.000
55.	2200.	.2034E+45		.6287+130	.000	-1.000
60.	2200.	.1007E+47		.2446+129	.000	-1.000
65.	2200.	.5046E+48		.5256+127	.000	-1.000
70.	2200.	.2527E+50		.7061+125	.000	-1.000
75.	2200.	.1253E+52		.6526+123	.000	-1.000
80.	2200.	.6114E+53		.4469+121	.000	-1.000
85.	2200.	.2919E+55		.2404+119	.000	-1.000
90.	2200.	.1359E+57		.1764+117	.000	-1.000
95.	2200.	.6149E+58		.4029+114	.000	-1.000
100.	2200.	.2700E+60		.1344+112	.000	-1.000
105.	2200.	.1148E+62		.4054+109	.000	-1.000
110.	2200.	.4727E+63		.1129+107	.000	-1.000
115.	2200.	.1982E+65		.2950+104	.000	-1.000
120.	2200.	.7243E+66		.7348+101	.000	-1.000

2000 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2300.	.2086E+19		.4774E-05	*****	.000
2.	2300.	.4860E+29		.8447E+28	5.754	.210
3.	2300.	.3493E+34		.1958E+50	.000	-1.000
4.	2300.	.1625E+37		.1120E+66	.000	-1.000
5.	2300.	.556AE+38		.3277E+78	.000	-1.000
10.	2300.	.1046E+41		.4291E+118	.000	-1.000
15.	2300.	.9171E+41		.8071E+135	.000	-1.000
20.	2300.	.1351E+43		.9421E+146	.000	-1.000
25.	2300.	.3766E+44		.3919E+153	.000	-1.000
30.	2300.	.1702E+46		.3120E+157	.000	-1.000
35.	2300.	.1081E+48		.4009E+159	.000	-1.000
40.	2300.	.8677E+49		.2932E+160	.000	-1.000
45.	2300.	.8155E+51		.2710E+160	.000	-1.000
50.	2300.	.8505E+53		.5391E+199	.000	-1.000
55.	2300.	.9468E+55		.3343E+158	.000	-1.000
60.	2300.	.1094E+58		.8424E+156	.000	-1.000
65.	2300.	.1285E+60		.1049E+155	.000	-1.000
70.	2300.	.1510E+62		.7480E+152	.000	-1.000
75.	2300.	.1757E+64		.3419E+150	.000	-1.000
80.	2300.	.2006E+66		.1093E+148	.000	-1.000
85.	2300.	.2232E+68		.2623E+145	.000	-1.000
90.	2300.	.2411E+70		.4958E+142	.000	-1.000
95.	2300.	.2517E+72		.7865E+139	.000	-1.000
100.	2300.	.2535E+74		.1086E+137	.000	-1.000
105.	2300.	.2457E+76		.1280E+134	.000	-1.000
110.	2300.	.2289E+78		.1396E+131	.000	-1.000
115.	2300.	.2049E+80		.1410E+128	.000	-1.000
120.	2300.	.1760E+82		.1343E+125	.000	-1.000

2000 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977

TIME SEC.	STRESS PSI	LENGTH	STRAIN	DIAMETER	R	TR
1.	2400.	.2877E+24		.2612E-04	*****	.000
2.	2400.	.7397E+36		.1233E+36	5.998	.200
3.	2400.	.4666E+42		.3173E+61	.000	-1.000
4.	2400.	.7009E+45		.1580E+80	.000	-1.000
5.	2400.	.4629E+47		.9181E+94	.000	-1.000
10.	2400.	.2071E+50		.9658E+139	.000	-1.000
15.	2400.	.2542E+51		.5396E+162	.000	-1.000
20.	2400.	.6059E+52		.6539E+175	.000	-1.000
25.	2400.	.3184E+54		.4671E+183	.000	-1.000
30.	2400.	.3036E+56		.2137E+188	.000	-1.000
35.	2400.	.4398E+58		.7682E+190	.000	-1.000
40.	2400.	.8497E+60		.9529E+191	.000	-1.000
45.	2400.	.1095E+63		.1041E+192	.000	-1.000
50.	2400.	.5330E+65		.1873E+191	.000	-1.000
55.	2400.	.1544E+68		.8559E+189	.000	-1.000
60.	2400.	.4690E+70		.1357E+188	.000	-1.000
65.	2400.	.1455E+73		.9392E+185	.000	-1.000
70.	2400.	.4527E+75		.3371E+183	.000	-1.000
75.	2400.	.1392E+78		.7165E+180	.000	-1.000
80.	2400.	.4190E+80		.9997E+177	.000	-1.000
85.	2400.	.1224E+83		.9933E+174	.000	-1.000
90.	2400.	.3451E+85		.7501E+171	.000	-1.000
95.	2400.	.9349E+87		.4536E+168	.000	-1.000
100.	2400.	.2425E+90		.2293E+165	.000	-1.000
105.	2400.	.6011E+92		.1004E+162	.000	-1.000
110.	2400.	.1422E+95		.3915E+158	.000	-1.000
115.	2400.	.3203E+97		.1394E+155	.000	-1.000
120.	2400.	.6874E+99		.4622E+151	.000	-1.000

2000 F BIAxIAL OXY ENGR LENGTH ENGR DIAMETER 1977									
LENGTH		2000 F OXY BIAxIAL		ENGR		1977			
3	-4.60000E+00	1.60000E+00	3.70000E+00	0.	0.	0.			2
3	0.	6.45770E+02	9.24000E+02	0.	0.	0.			3
36	-1.39979E+01	1.03684E-02	-3.42497E-04	2.53771E-03	-1.40091E+01	-7.46064E-03			4
	7.19186E-03	1.64784E-04	-1.39789E+01	5.77491E-02	8.51770E-03	1.82815E-03			5
	-1.39711E+01	2.24383E+00	-1.28277E-04	2.57675E-03	-7.53713E+00	4.39905E-01			6
	5.32886E-03	7.59141E-04	-5.92991E+00	1.41269E+00	7.35519E-03	8.83829E-04			7
	-1.39827E+01	2.36053E+00	4.43084E-04	-2.73847E-03	-6.86578E+00	6.67556E-01			8
	1.84457E-03	1.10664E-03	-4.78746E+00	1.54857E+00	3.71072E-03	8.60235E-04			9
	DIAMETER 2000 F OXY BIAxIAL ENGR 1977								10
3	-4.60000E+00	1.60000E+00	3.70000E+00	0.	0.	0.			11
3	0.	6.45770E+02	9.24000E+02	0.	0.	0.			12
36	-1.39964E+01	2.65144E-02	-4.42302E-04	2.87686E-03	-1.40067E+01	1.54946E-02			
	8.46408E-03	3.34789E-04	-1.39919E+01	-3.10195E-02	9.44577E-03	9.91294E-04			
	-1.39680E+01	3.14630E+00	-1.81953E-04	5.15958E-03	-6.57783E+00	2.86587E-01			
	6.60989E-03	1.75484E-03	-5.63692E+00	7.22496E-01	9.65043E-03	-9.89284E-04			
	-1.39457E+01	3.62586E+00	1.01681E-03	-4.58941E-03	-5.19517E+00	1.63326E+00			
	7.21555E-03	9.89692E-03	-2.25747E+00	2.98256E-02	2.14754E-02	-3.55654E-03			

358	174.0							
358	169.0	2020.3	3.8	0.43845	0.1148E-01	1.17036	0.8702E-02	98.6
358	169.5	2017.9	3.4	0.43846	0.1150E-01	1.17010	0.8474E-02	98.6
358	170.0	2015.6	2.9	0.43847	0.1153E-01	1.16994	0.8341E-02	98.5
358	170.5	2014.7	3.3	0.43851	0.1162E-01	1.17233	0.1040E-01	98.6
358	171.0	2011.3	3.1	0.43844	0.1145E-01	1.17107	0.9311E-02	98.4
358	171.5	2011.3	3.4	0.43846	0.1151E-01	1.17053	0.8646E-02	98.5
358	172.0	2009.2	3.4	0.43845	0.1149E-01	1.17093	0.9194E-02	98.4
358	172.5	2007.7	3.4	0.43849	0.1158E-01	1.17069	0.8987E-02	98.6
358	173.0	2006.0	3.5	0.43855	0.1171E-01	1.17416	0.1198E-01	98.5
358	173.5	2008.3	4.0	0.43851	0.1161E-01	1.17102	0.9264E-02	95.8
358	174.0	2017.7	4.0	0.43885	0.1241E-01	1.17093	0.9187E-02	91.2
358	174.5	2018.9	4.0	0.43887	0.1246E-01	1.17224	0.1032E-01	94.5
358	175.0	2015.9	3.8	0.43894	0.1262E-01	1.17079	0.9074E-02	97.2
358	175.5	2009.1	3.4	0.43893	0.1259E-01	1.17152	0.9696E-02	98.6
358	176.0	2005.7	4.1	0.43897	0.1268E-01	1.17073	0.9017E-02	100.0
358	176.5	2003.2	4.3	0.43899	0.1273E-01	1.17225	0.1033E-01	100.5
358	177.0	2005.5	3.7	0.43902	0.1280E-01	1.17164	0.9804E-02	100.9
358	177.5	2006.7	4.1	0.43911	0.1300E-01	1.16750	0.6236E-02	101.0
358	178.0	2008.4	4.4	0.43913	0.1306E-01	1.17225	0.1033E-01	101.4
358	178.5	2012.0	4.4	0.43915	0.1309E-01	1.17055	0.8863E-02	101.2
358	179.0	2011.4	4.0	0.43912	0.1303E-01	1.16622	0.5128E-02	101.0
358	179.5	2010.0	4.3	0.43922	0.1325E-01	1.17103	0.9279E-02	101.0
358	180.0	2006.3	3.5	0.43914	0.1308E-01	1.17109	0.9301E-02	100.6
358	180.5	2004.8	4.1	0.43915	0.1309E-01	1.17107	0.9314E-02	101.0
358	181.0	2002.6	4.0	0.43918	0.1316E-01	1.16792	0.6593E-02	100.6
358	181.5	2003.4	4.1	0.43922	0.1326E-01	1.17108	0.9323E-02	100.6
358	182.0	2004.5	4.3	0.43921	0.1323E-01	1.17116	0.9390E-02	100.6
358	182.5	2005.0	4.1	0.43926	0.1335E-01	1.17116	0.9392E-02	100.2
358	183.0	2004.4	3.9	0.43925	0.1332E-01	1.17119	0.9418E-02	100.4
358	183.5	2004.1	3.8	0.43939	0.1364E-01	1.17131	0.9514E-02	100.6
358	184.0	2004.5	4.0	0.43931	0.1346E-01	1.17133	0.9534E-02	100.4
358	184.5	2002.1	3.9	0.43931	0.1346E-01	1.17136	0.9561E-02	100.4
358	185.0	2002.3	3.6	0.43932	0.1348E-01	1.17132	0.9528E-02	100.4
358	185.5	2006.0	4.6	0.43940	0.1369E-01	1.17230	0.1037E-01	100.2
358	186.0	2006.3	4.1	0.43936	0.1357E-01	1.17238	0.1044E-01	100.2
358	186.5	2005.1	4.0	0.43930	0.1345E-01	1.17192	0.1004E-01	100.2
358	187.0	2002.8	3.6	0.43938	0.1363E-01	1.17184	0.9977E-02	100.0
358	187.5	2002.3	4.2	0.43942	0.1372E-01	1.17262	0.1065E-01	100.0
358	188.0	2002.6	3.6	0.43942	0.1372E-01	1.15636	-0.3354E-02	100.0
358	188.5	2004.5	4.3	0.43945	0.1380E-01	1.17385	0.1171E-01	100.0
358	189.0	2005.2	3.9	0.43950	0.1389E-01	1.17285	0.1084E-01	100.1
358	189.5	2004.2	3.8	0.43950	0.1391E-01	1.17265	0.1067E-01	99.8
358	190.0	2004.1	4.0	0.43949	0.1387E-01	1.17284	0.1083E-01	99.8
358	190.5	2004.3	4.1	0.43945	0.1380E-01	1.17280	0.1080E-01	99.9
358	191.0	2003.5	4.2	0.43944	0.1378E-01	1.17418	0.1199E-01	99.6
358	191.5	2000.5	3.7	0.43954	0.1401E-01	1.17304	0.1101E-01	99.9
358	192.0	2000.9	4.0	0.43955	0.1402E-01	1.17304	0.1101E-01	100.1
358	192.5	2002.6	4.1	0.43956	0.1404E-01	1.17316	0.1111E-01	100.1
358	193.0	2001.9	3.9	0.43953	0.1396E-01	1.17325	0.1119E-01	99.8
358	193.5	2005.4	4.5	0.43959	0.1410E-01	1.16954	0.7995E-02	99.7
358	194.0	2005.1	4.1	0.43962	0.1417E-01	1.17349	0.1139E-01	99.6
358	194.5	2004.4	3.5	0.43964	0.1424E-01	1.17315	0.1111E-01	100.0
358	195.0	2003.9	4.0	0.43959	0.1411E-01	1.17363	0.1152E-01	99.8
358	195.5	2003.2	4.4	0.43962	0.1418E-01	1.17286	0.1086E-01	99.8
358	196.0	2001.1	4.3	0.43970	0.1436E-01	1.17308	0.1104E-01	99.9
358	196.5	2001.9	4.0	0.43968	0.1432E-01	1.17315	0.1110E-01	100.0
358	197.0	2003.0	3.8	0.43971	0.1438E-01	1.17293	0.1091E-01	99.9
358	197.5	2002.9	4.3	0.43967	0.1430E-01	1.17329	0.1123E-01	99.6
358	198.0	2002.7	4.0	0.43964	0.1423E-01	1.17365	0.1154E-01	99

358	198.5	2003.8	4.2	0.43971	0.1440E-01	1.17352	0.1142E-01	99.8
358	199.0	2001.8	3.8	0.43972	0.1442E-01	1.17344	0.1136E-01	99.8
358	199.5	2002.9	3.4	0.43976	0.1452E-01	1.17437	0.1216E-01	99.6
358	200.0	2002.8	4.0	0.43975	0.1447E-01	1.17326	0.1120E-01	99.9
358	200.5	2003.3	4.3	0.43973	0.1444E-01	1.17411	0.1193E-01	99.7
358	201.0	2000.4	4.2	0.43979	0.1457E-01	1.17320	0.1115E-01	99.7
358	201.5	2000.8	3.6	0.43972	0.1440E-01	1.17361	0.1150E-01	99.5
358	202.0	2000.3	3.7	0.43978	0.1455E-01	1.17283	0.1083E-01	99.8
358	202.5	2002.4	3.9	0.43982	0.1465E-01	1.17330	0.1123E-01	99.6
358	203.0	2003.0	3.7	0.43981	0.1462E-01	1.17284	0.1084E-01	100.1
358	203.5	2003.7	3.8	0.43985	0.1472E-01	1.17502	0.1272E-01	99.4
358	204.0	2001.9	4.1	0.43985	0.1470E-01	1.17371	0.1159E-01	99.5
358	204.5	2001.2	4.1	0.43986	0.1472E-01	1.17350	0.1141E-01	99.7
358	205.0	1998.5	4.1	0.43979	0.1458E-01	1.17361	0.1150E-01	99.5
358	205.5	1999.2	4.6	0.43987	0.1475E-01	1.17404	0.1187E-01	99.3
358	206.0	2000.2	4.0	0.43987	0.1475E-01	1.17390	0.1175E-01	99.8
358	206.5	2001.2	4.3	0.43997	0.1498E-01	1.17365	0.1154E-01	99.6
358	207.0	2000.3	3.8	0.43984	0.1469E-01	1.17377	0.1164E-01	99.6
358	207.5	1999.6	3.9	0.43989	0.1481E-01	1.17325	0.1119E-01	99.5
358	208.0	1999.4	3.8	0.43988	0.1478E-01	1.17333	0.1126E-01	99.8
358	208.5	2000.1	3.7	0.43992	0.1488E-01	1.17336	0.1129E-01	99.5
358	209.0	2000.5	3.8	0.43994	0.1493E-01	1.17070	0.8997E-02	99.6
358	209.5	2000.8	3.8	0.43995	0.1494E-01	1.17338	0.1130E-01	99.9
358	210.0	2001.6	3.8	0.43993	0.1490E-01	1.17340	0.1132E-01	99.4
358	210.5	2002.1	4.2	0.43997	0.1499E-01	1.17354	0.1144E-01	99.6
358	211.0	2001.6	3.5	0.43996	0.1496E-01	1.17401	0.1185E-01	99.4
358	211.5	2002.9	4.1	0.43995	0.1495E-01	1.17392	0.1177E-01	99.6
358	212.0	2003.3	4.1	0.43998	0.1502E-01	1.17474	0.1247E-01	99.7
358	212.5	2001.9	3.9	0.43998	0.1502E-01	1.17488	0.1259E-01	99.6
358	213.0	1998.6	4.1	0.44003	0.1513E-01	1.17379	0.1165E-01	99.6
358	213.5	1999.9	4.3	0.43998	0.1500E-01	1.17396	0.1180E-01	99.6
358	214.0	2000.0	3.8	0.44007	0.1521E-01	1.17409	0.1191E-01	99.8
358	214.5	2001.1	3.9	0.44007	0.1521E-01	1.17407	0.1189E-01	99.4
358	215.0	2001.2	4.0	0.43999	0.1503E-01	1.17465	0.1240E-01	99.5
358	215.5	2000.6	4.3	0.44003	0.1514E-01	1.17393	0.1177E-01	99.8
358	216.0	1999.5	4.1	0.44004	0.1514E-01	1.17442	0.1220E-01	99.4
358	216.5	1999.4	3.9	0.44004	0.1515E-01	1.17403	0.1186E-01	100.1
358	217.0	2001.1	3.9	0.44009	0.1526E-01	1.17402	0.1186E-01	99.4
358	217.5	2001.2	4.5	0.44003	0.1512E-01	1.17411	0.1193E-01	99.1
358	218.0	2002.3	4.0	0.44006	0.1519E-01	1.17413	0.1195E-01	99.4
358	218.5	2003.3	4.5	0.44017	0.1545E-01	1.17468	0.1242E-01	99.5
358	219.0	2002.9	3.9	0.44011	0.1532E-01	1.17417	0.1198E-01	99.6
358	219.5	2001.0	4.2	0.44013	0.1536E-01	1.17419	0.1200E-01	99.7
358	220.0	1999.0	4.3	0.44009	0.1526E-01	1.17423	0.1203E-01	99.5
358	220.5	1998.2	4.1	0.44016	0.1542E-01	1.17425	0.1206E-01	99.3
358	221.0	1998.8	3.5	0.44014	0.1538E-01	1.17432	0.1212E-01	99.7
358	221.5	1997.8	4.1	0.44019	0.1549E-01	1.17438	0.1216E-01	99.6
358	222.0	1999.7	4.2	0.44014	0.1539E-01	1.17451	0.1227E-01	99.5
358	222.5	2001.8	4.1	0.44022	0.1556E-01	1.17467	0.1241E-01	99.4
358	223.0	2004.8	4.0	0.44016	0.1542E-01	1.17449	0.1226E-01	99.3
358	223.5	2004.5	3.8	0.44022	0.1558E-01	1.17453	0.1229E-01	99.0
358	224.0	2001.3	4.2	0.44020	0.1553E-01	1.17521	0.1286E-01	99.5
358	224.5	1999.5	4.0	0.44023	0.1560E-01	1.17505	0.1275E-01	99.4
358	225.0	1999.3	4.2	0.44019	0.1549E-01	1.17488	0.1260E-01	99.8
358	225.5	1998.9	4.1	0.44025	0.1564E-01	1.17553	0.1316E-01	99.1
358	226.0	1999.5	4.2	0.44026	0.1566E-01	1.17462	0.1237E-01	99.5
358	226.5	2001.0	4.2	0.44028	0.1570E-01	1.17477	0.1250E-01	99.5
358	227.0	1998.9	3.7	0.44027	0.1568E-01	1.17469	0.1243E-01	99.1
358	227.5	1999.3	3.9	0.44027	0.1569E-01	1.17502	0.1272E-01	99.4
358	228.0	1999.1	4.1	0.44028	0.1570E-01	1.17481	0.1253E-01	99.6

358	228.5	1997.8	3.9	0.44031	0.1577E-01	1.17521	0.1288E-01	99.1
358	229.0	1999.2	3.9	0.44027	0.1568E-01	1.17500	0.1269E-01	99.4
358	229.5	2001.0	4.0	0.44028	0.1571E-01	1.17522	0.1284E-01	99.1
358	230.0	1999.8	4.0	0.44026	0.1567E-01	1.17504	0.1278E-01	99.5
358	230.5	1999.6	3.6	0.44034	0.1585E-01	1.17521	0.1288E-01	99.1
358	231.0	2001.0	3.8	0.44034	0.1584E-01	1.17512	0.1281E-01	99.1
358	231.5	2001.1	4.1	0.44030	0.1574E-01	1.17524	0.1295E-01	99.1
358	232.0	2001.1	4.2	0.44039	0.1596E-01	1.17524	0.1290E-01	99.2
358	232.5	2000.1	3.7	0.44038	0.1594E-01	1.17508	0.1277E-01	99.2
358	233.0	1999.4	4.0	0.44031	0.1577E-01	1.17511	0.1280E-01	99.2
358	233.5	1998.5	3.6	0.44036	0.1589E-01	1.17542	0.1306E-01	99.6
358	234.0	1998.9	3.7	0.44034	0.1583E-01	1.17518	0.1285E-01	99.8
358	234.5	1998.3	3.7	0.44036	0.1588E-01	1.17547	0.1310E-01	99.4
358	235.0	1998.5	4.0	0.44044	0.1608E-01	1.17527	0.1293E-01	100.3
358	235.5	1998.0	4.0	0.44037	0.1592E-01	1.17528	0.1294E-01	100.2
358	236.0	2000.0	3.9	0.44038	0.1593E-01	1.17563	0.1324E-01	100.2
358	236.5	2001.0	4.1	0.44041	0.1600E-01	1.17561	0.1323E-01	100.4
358	237.0	2001.9	4.2	0.44038	0.1594E-01	1.17557	0.1314E-01	100.6
358	237.5	2000.0	3.8	0.44034	0.1585E-01	1.17540	0.1304E-01	100.7
358	238.0	2000.5	3.9	0.44045	0.1609E-01	1.17568	0.1328E-01	101.0
358	238.5	1998.3	3.7	0.44041	0.1601E-01	1.17545	0.1306E-01	100.8
358	239.0	1997.6	4.0	0.44053	0.1629E-01	1.17543	0.1307E-01	100.6
358	239.5	2000.1	3.9	0.44039	0.1597E-01	1.17225	0.1033E-01	100.9
358	240.0	2001.1	4.3	0.44041	0.1600E-01	1.17562	0.1323E-01	100.8
358	240.5	2001.3	4.2	0.44040	0.1599E-01	1.17561	0.1323E-01	100.9
358	241.0	2000.4	4.2	0.44044	0.1606E-01	1.17621	0.1374E-01	100.3
358	241.5	2001.4	4.3	0.44046	0.1613E-01	1.17604	0.1364E-01	100.8
358	242.0	2002.4	4.1	0.44049	0.1618E-01	1.17598	0.1354E-01	100.8
358	242.5	2002.6	4.1	0.44055	0.1632E-01	1.17586	0.1344E-01	100.4
358	243.0	2001.4	3.9	0.44051	0.1624E-01	1.17676	0.1421E-01	100.5
358	243.5	2000.8	4.0	0.44050	0.1622E-01	1.17687	0.1431E-01	100.4
358	244.0	2000.0	4.0	0.44048	0.1617E-01	1.17572	0.1332E-01	100.5
358	244.5	1999.6	4.4	0.44056	0.1635E-01	1.17576	0.1335E-01	100.5
358	245.0	2001.5	4.1	0.44058	0.1641E-01	1.17578	0.1337E-01	100.5
358	245.5	2001.4	3.8	0.44057	0.1636E-01	1.17751	0.1488E-01	100.3
358	246.0	2003.0	4.4	0.44051	0.1624E-01	1.17585	0.1343E-01	100.6
358	246.5	2000.1	3.7	0.44059	0.1643E-01	1.17669	0.1415E-01	100.4
358	247.0	1999.4	3.6	0.44068	0.1662E-01	1.17632	0.1384E-01	100.6
358	247.5	1999.9	3.9	0.44055	0.1632E-01	1.17650	0.1394E-01	100.4
358	248.0	1998.7	3.7	0.44057	0.1637E-01	1.17618	0.1372E-01	100.3
358	248.5	1998.7	4.2	0.44055	0.1632E-01	1.17633	0.1384E-01	100.4
358	249.0	1997.4	3.9	0.44056	0.1636E-01	1.17688	0.1432E-01	99.8
358	249.5	1997.3	3.9	0.44063	0.1651E-01	1.17672	0.1418E-01	100.2
358	250.0	2001.1	3.9	0.44063	0.1652E-01	1.17624	0.1381E-01	100.3
358	250.5	2004.3	4.1	0.44071	0.1664E-01	1.17628	0.1381E-01	100.5
358	251.0	2002.7	4.0	0.44056	0.1635E-01	1.17641	0.1392E-01	100.5
358	251.5	2001.5	3.9	0.44059	0.1643E-01	1.17667	0.1414E-01	100.3
358	252.0	1999.4	3.9	0.44061	0.1647E-01	1.17627	0.1374E-01	100.2
358	252.5	1998.5	4.2	0.44064	0.1654E-01	1.17634	0.1389E-01	99.5
358	253.0	1999.6	4.0	0.44067	0.1661E-01	1.17681	0.1425E-01	100.0
358	253.5	2001.3	4.0	0.44067	0.1661E-01	1.17664	0.1415E-01	100.3
358	254.0	2000.1	3.8	0.44071	0.1671E-01	1.17670	0.1418E-01	100.3
358	254.5	1999.4	3.9	0.44067	0.1660E-01	1.17646	0.1396E-01	100.2
358	255.0	1998.7	4.3	0.44056	0.1635E-01	1.17700	0.1442E-01	100.2
358	255.5	1997.8	4.2	0.44069	0.1665E-01	1.17734	0.1472E-01	100.2
358	256.0	1999.8	4.2	0.44074	0.1676E-01	1.17643	0.1437E-01	100.1
358	256.5	1998.0	3.8	0.44069	0.1665E-01	1.17675	0.1421E-01	100.5
358	257.0	1998.4	4.1	0.44069	0.1664E-01	1.17758	0.1492E-01	100.1
358	257.5	1999.0	3.7	0.44069	0.1666E-01	1.17711	0.1452E-01	100.1
358	258.0	1998.6	4.3	0.44073	0.1675E-01	1.17675	0.1421E-01	100.1

358	258.5	1997.9	4.0	0.44074	0.1676E-01	1.16566	0.4645E-02	99.9
358	259.0	1997.9	4.1	0.44077	0.1684E-01	1.17743	0.1480E-01	100.0
358	259.5	1998.3	4.0	0.44073	0.1675E-01	1.17750	0.1480E-01	99.9
358	260.0	1997.6	4.3	0.44072	0.1673E-01	1.17670	0.1416E-01	99.9
358	260.5	1997.2	3.9	0.44079	0.1687E-01	1.17782	0.1513E-01	100.2
358	261.0	1997.1	4.2	0.44075	0.1678E-01	1.17699	0.1442E-01	100.1
358	261.5	1996.1	4.0	0.44081	0.1692E-01	1.17695	0.1438E-01	100.2
358	262.0	1995.7	3.9	0.44079	0.1688E-01	1.17802	0.1530E-01	100.3
358	262.5	1996.2	4.2	0.44080	0.1689E-01	1.17768	0.1501E-01	100.0
358	263.0	1996.7	4.1	0.44080	0.1691E-01	1.17781	0.1512E-01	100.1
358	263.5	1998.4	4.0	0.44080	0.1691E-01	1.17768	0.1501E-01	100.3
358	264.0	1997.1	4.1	0.44081	0.1694E-01	1.17825	0.1550E-01	100.4
358	264.5	1998.9	4.1	0.44082	0.1695E-01	1.17780	0.1511E-01	100.1
358	265.0	2001.1	4.0	0.44083	0.1698E-01	1.17733	0.1470E-01	100.0
358	265.5	1999.4	4.5	0.44077	0.1684E-01	1.17779	0.1510E-01	100.1
358	266.0	2000.0	4.4	0.44084	0.1700E-01	1.17769	0.1502E-01	100.2
358	266.5	1999.6	4.4	0.44083	0.1698E-01	1.17931	0.1641E-01	100.0
358	267.0	1997.9	4.4	0.44081	0.1692E-01	1.17986	0.1689E-01	99.9
358	267.5	1996.5	4.0	0.44082	0.1695E-01	1.18384	0.2032E-01	100.2
358	268.0	1997.4	4.3	0.44087	0.1706E-01	1.17730	0.1468E-01	99.7
358	268.5	1996.3	4.2	0.44086	0.1705E-01	1.18048	0.1742E-01	100.2
358	269.0	1995.7	3.9	0.44085	0.1702E-01	1.17814	0.1541E-01	100.1
358	269.5	1999.3	4.5	0.44094	0.1723E-01	1.17852	0.1573E-01	100.2
358	270.0	1998.2	4.2	0.44094	0.1724E-01	1.17866	0.1585E-01	100.2
358	270.5	1999.4	3.9	0.44092	0.1717E-01	1.17788	0.1518E-01	100.2
358	271.0	1999.0	3.9	0.44087	0.1707E-01	1.17824	0.1549E-01	99.8
358	271.5	1997.8	3.8	0.44094	0.1724E-01	1.17753	0.1488E-01	100.1
358	272.0	1997.5	4.2	0.44091	0.1715E-01	1.17742	0.1479E-01	99.7
358	272.5	1998.6	4.5	0.44086	0.1705E-01	1.17781	0.1512E-01	99.9
358	273.0	1998.1	4.1	0.44092	0.1718E-01	1.17773	0.1505E-01	99.8
358	273.5	1996.9	4.0	0.44094	0.1722E-01	1.17320	0.1114E-01	100.0
358	274.0	1997.8	4.4	0.44096	0.1728E-01	1.17733	0.1470E-01	100.1
358	274.5	1997.0	4.4	0.44095	0.1725E-01	1.17823	0.1548E-01	99.9
358	275.0	1994.9	3.8	0.44098	0.1731E-01	1.17811	0.1538E-01	100.0
358	275.5	1999.3	4.4	0.44099	0.1734E-01	1.17813	0.1540E-01	100.0
358	276.0	2000.5	4.2	0.44107	0.1754E-01	1.17921	0.1633E-01	100.1
358	276.5	2000.8	3.9	0.44103	0.1744E-01	1.17803	0.1531E-01	100.2
358	277.0	2001.6	4.2	0.44100	0.1736E-01	1.17781	0.1512E-01	100.1
358	277.5	1997.4	3.6	0.44105	0.1748E-01	1.17772	0.1504E-01	100.1
358	278.0	1997.7	4.0	0.44106	0.1750E-01	1.17878	0.1595E-01	99.8
358	278.5	1996.6	4.0	0.44103	0.1742E-01	1.17773	0.1505E-01	99.9
358	279.0	1997.1	3.9	0.44107	0.1753E-01	1.17963	0.1609E-01	100.1
358	279.5	1997.5	4.3	0.44110	0.1760E-01	1.17842	0.1565E-01	100.0
358	280.0	1997.6	4.2	0.44104	0.1745E-01	1.17922	0.1633E-01	100.1
358	280.5	1996.0	3.9	0.44106	0.1750E-01	1.17853	0.1574E-01	99.9
358	281.0	1997.8	4.4	0.44105	0.1748E-01	1.17877	0.1594E-01	100.2
358	281.5	1996.6	4.1	0.44097	0.1730E-01	1.17838	0.1581E-01	100.1
358	282.0	1995.7	4.3	0.44107	0.1753E-01	1.17867	0.1586E-01	99.7
358	282.5	1995.2	3.9	0.44107	0.1752E-01	1.17811	0.1536E-01	99.8
358	283.0	1995.4	4.2	0.44109	0.1757E-01	1.17947	0.1655E-01	99.7
358	283.5	1997.0	4.2	0.44104	0.1757E-01	1.17849	0.1571E-01	100.2
358	284.0	1998.4	4.1	0.44112	0.1763E-01	1.17829	0.1553E-01	100.0
358	284.5	1998.2	4.1	0.44114	0.1766E-01	1.17771	0.1503E-01	100.2
358	285.0	1995.6	4.2	0.44107	0.1752E-01	1.17436	0.1214E-01	100.1
358	285.5	1996.4	4.3	0.44111	0.1763E-01	1.17946	0.1654E-01	100.0
358	286.0	1996.5	4.6	0.44105	0.1748E-01	1.17952	0.1659E-01	99.9
358	286.5	1996.9	4.1	0.44110	0.1760E-01	1.17907	0.1621E-01	100.0
358	287.0	1998.8	4.3	0.44109	0.1757E-01	1.17866	0.1585E-01	100.0
358	287.5	1999.5	4.3	0.44117	0.1777E-01	1.17757	0.1491E-01	100.2
358	288.0	1995.8	3.9	0.44110	0.1760E-01	1.17626	0.1378E-01	100.0

358	288.5	1996.9	3.9	0.44116	0.1775E-01	1.17821	0.1546E-01	99.1
358	289.0	1994.5	3.8	0.44107	0.1754E-01	1.17828	0.1552E-01	99.9
358	289.5	1996.0	4.4	0.44121	0.1784E-01	1.17764	0.1497E-01	100.0
358	290.0	1995.7	4.0	0.44116	0.1774E-01	1.17635	0.1558E-01	99.7
358	290.5	1996.4	4.1	0.44123	0.1790E-01	1.17944	0.1653E-01	100.0
358	291.0	1996.9	4.2	0.44123	0.1790E-01	1.17794	0.1523E-01	100.0
358	291.5	1997.0	4.3	0.44114	0.1769E-01	1.17814	0.1540E-01	99.8
358	292.0	1996.5	4.2	0.44117	0.1777E-01	1.17852	0.1573E-01	99.9
358	292.5	1995.9	4.0	0.44126	0.1796E-01	1.17891	0.1607E-01	99.9
358	293.0	1997.0	4.1	0.44122	0.1788E-01	1.17818	0.1544E-01	99.9
358	293.5	1998.4	3.9	0.44121	0.1785E-01	1.17812	0.1539E-01	100.3
358	294.0	1998.4	3.8	0.44122	0.1788E-01	1.17812	0.1539E-01	99.9
358	294.5	1997.2	3.7	0.44119	0.1781E-01	1.18244	0.1411E-01	99.6

359	250.5						
359	245.5	1988.4	1.9	0.43768	0.8565E-02	1.18366	0.4171E-01
359	246.0	1984.7	1.6	0.43762	0.8426E-02	1.18373	0.4176E-01
359	247.0	1984.6	2.9	0.43747	0.8097E-02	1.18544	0.4326E-01
359	247.5	1985.6	2.6	0.43774	0.8704E-02	1.18540	0.4324E-01
359	248.0	1984.9	2.2	0.43689	0.6760E-02	1.18394	0.4196E-01
359	248.5	1986.1	2.6	0.43789	0.9054E-02	1.18402	0.4203E-01
359	249.0	1987.4	2.4	0.43795	0.9202E-02	1.18416	0.4215E-01
359	249.5	1987.3	2.5	0.43792	0.9128E-02	1.18508	0.4296E-01
359	250.0	1982.9	2.4	0.43811	0.9576E-02	1.18422	0.4221E-01
359	250.5	1987.8	2.3	0.43854	0.1055E-01	1.18437	0.4233E-01
359	251.0	1990.3	3.4	0.43871	0.1096E-01	1.18563	0.4345E-01
359	251.5	1988.7	2.5	0.43870	0.1092E-01	1.18460	0.4254E-01
359	252.0	1986.8	2.1	0.43876	0.1107E-01	1.18890	0.4632E-01
359	252.5	1987.6	3.0	0.43891	0.1141E-01	1.18472	0.4265E-01
359	253.0	1985.8	2.9	0.43891	0.1141E-01	1.18482	0.4273E-01
359	253.5	1986.5	2.2	0.43916	0.1198E-01	1.18475	0.4267E-01
359	254.0	1987.0	3.0	0.43911	0.1186E-01	1.18491	0.4261E-01
359	254.5	1985.8	2.6	0.43905	0.1174E-01	1.19521	0.5166E-01
359	255.0	1985.3	2.4	0.43923	0.1215E-01	1.19002	0.4731E-01
359	255.5	1988.6	2.9	0.43933	0.1238E-01	1.18512	0.4300E-01
359	256.0	1991.4	2.7	0.43928	0.1227E-01	1.18316	0.4127E-01
359	256.5	1990.5	3.2	0.43934	0.1239E-01	1.18505	0.4293E-01
359	257.0	1989.6	2.6	0.43951	0.1278E-01	1.18200	0.4025E-01
359	257.5	1989.8	3.2	0.43958	0.1295E-01	1.18515	0.4302E-01
359	258.0	1991.2	3.0	0.44228	0.1918E-01	1.18530	0.4316E-01
359	258.5	1993.0	2.0	0.43969	0.1320E-01	1.16467	0.2500E-01
359	259.0	1993.9	1.9	0.43973	0.1330E-01	1.18909	0.4649E-01
359	259.5	1993.9	2.1	0.44091	0.1602E-01	1.18501	0.4290E-01
359	260.0	1990.6	2.9	0.43987	0.1363E-01	1.18939	0.4675E-01
359	260.5	1993.6	2.1	0.44018	0.1435E-01	1.18968	0.4701E-01
359	261.0	1992.0	2.2	0.44055	0.1519E-01	1.18540	0.4324E-01
359	261.5	1994.8	3.0	0.44079	0.1573E-01	1.18692	0.4458E-01
359	262.0	1994.2	2.4	0.44116	0.1660E-01	1.18547	0.4330E-01
359	262.5	1995.8	2.7	0.44148	0.1733E-01	1.18528	0.4314E-01
359	263.0	1995.6	2.7	0.44177	0.1800E-01	1.17886	0.3749E-01
359	263.5	1995.2	2.5	0.44200	0.1853E-01	1.18536	0.4321E-01
359	264.0	1996.9	2.5	0.44238	0.1941E-01	1.18605	0.4381E-01
359	264.5	1997.6	2.0	0.44278	0.2032E-01	1.18546	0.4329E-01
359	265.0	1997.5	2.1	0.44346	0.2189E-01	1.17751	0.3630E-01
359	265.5	1996.3	1.8	0.44371	0.2248E-01	1.18538	0.4323E-01
359	266.0	1997.1	2.4	0.44398	0.2308E-01	1.18539	0.4323E-01
359	266.5	1995.1	2.7	0.44632	0.2847E-01	1.18157	0.3960E-01
359	267.0	1997.3	3.1	0.44463	0.2460E-01	1.18689	0.4655E-01
359	267.5	1997.2	2.4	0.44503	0.2552E-01	1.18555	0.4336E-01
359	268.0	2001.5	2.9	0.44584	0.2739E-01	1.18716	0.4479E-01
359	268.5	2003.6	2.9	0.44629	0.2843E-01	1.17665	0.3554E-01
359	269.0	2003.7	2.9	0.44671	0.2938E-01	1.18914	0.4653E-01
359	269.5	2000.6	3.0	0.44741	0.3099E-01	1.18611	0.4387E-01
359	270.0	2000.1	3.0	0.44768	0.3162E-01	1.18363	0.4104E-01
359	270.5	1996.7	2.6	0.46095	0.6220E-01	1.18671	0.4139E-01
359	271.0	1997.6	2.5	0.44860	0.3374E-01	1.18648	0.4220E-01
359	271.5	2001.8	2.5	0.44968	0.3624E-01	1.17600	0.3197E-01
359	272.0	2004.7	2.7	0.45009	0.3718E-01	1.18616	0.4393E-01
359	272.5	2007.4	2.9	0.45085	0.3843E-01	1.18637	0.4410E-01
359	273.0	2007.5	2.7	0.45129	0.3993E-01	1.18681	0.4446E-01
359	273.5	2004.2	2.1	0.45203	0.4165E-01	1.18704	0.4454E-01
359	274.0	2002.8	2.6	0.45258	0.4292E-01	1.18686	0.4453E-01
359	274.5	2003.1	3.0	0.45016	0.3733E-01	1.19113	0.4625E-01
359	275.0	2003.3	2.4	0.45280	0.4342E-01	9.99900	0.6494E+04

359	275.5	2005.2	2.2	0.45485	0.4814E-01	1.18616	0.4391E-01	120.
359	276.0	2007.3	2.4	0.45552	0.4969E-01	1.17171	0.3120E-01	120.5
359	276.5	2007.2	2.1	0.45634	0.5158E-01	1.20640	0.6173E-01	120.3
359	277.0	2009.9	2.6	0.45741	0.5403E-01	1.18760	0.4518E-01	120.4
359	277.5	2007.0	2.3	0.45582	0.5034E-01	1.18769	0.4526E-01	120.3
359	278.0	2005.1	2.6	0.45707	0.5325E-01	1.17631	0.3524E-01	120.4
359	278.5	2004.4	2.3	0.45836	0.5623E-01	1.19011	0.4734E-01	120.4
359	279.0	2004.9	2.3	0.45961	0.5911E-01	1.18811	0.4563E-01	120.3
359	279.5	2009.6	2.5	0.46098	0.6226E-01	1.18811	0.4563E-01	120.3
359	280.0	2011.1	2.3	0.46237	0.6546E-01	1.18802	0.4555E-01	120.4
359	280.5	2013.5	2.7	0.46168	0.6388E-01	1.19217	0.4920E-01	120.1
359	281.0	2012.9	2.2	0.47199	0.8765E-01	-9.99900	-.9999E+04	120.3
359	281.5	2013.9	2.1	0.46716	0.7650E-01	1.18797	0.4551E-01	120.3
359	282.0	1973.1	2.4	0.46734	0.7693E-01	1.18497	0.4267E-01	96.8
359	282.5	1922.4	2.7	0.45800	0.5539E-01	-9.99900	-.9999E+04	65.3
359	283.0	1899.0	3.0	0.47713	0.9948E-01	1.18718	0.4581E-01	65.9
359	283.5	1906.3	4.2	0.43936	0.1245E-01	1.18737	0.4498E-01	67.4
359	284.0	1930.9	3.8	0.41137	-.5206E-01	1.18761	0.4514E-01	68.8

361	188.0						
361	183.0	2012.9	2.0	0.43788	0.1046E-01	1.19265	0.1045E-01 147.3
361	183.5	2011.4	2.7	0.43769	0.1001E-01	1.19259	0.1040E-01 147.4
361	184.0	2009.8	2.2	0.43771	0.1005E-01	1.19272	0.1051E-01 147.4
361	184.5	2010.3	2.6	0.43778	0.1023E-01	1.19268	0.1048E-01 147.0
361	185.0	2010.2	3.2	0.43784	0.1035E-01	1.19274	0.1053E-01 147.3
361	185.5	2009.3	2.5	0.43775	0.1016E-01	1.19277	0.1055E-01 146.8
361	186.0	2006.5	2.8	0.43784	0.1037E-01	1.19288	0.1065E-01 147.2
361	186.5	2006.0	2.9	0.43776	0.1019E-01	1.19291	0.1067E-01 147.5
361	187.0	2005.2	3.0	0.43783	0.1033E-01	1.19297	0.1073E-01 147.3
361	187.5	2004.1	3.3	0.43793	0.1057E-01	1.19301	0.1076E-01 142.9
361	188.0	2015.4	3.3	0.43838	0.1161E-01	1.19346	0.1114E-01 133.5
361	188.5	2014.2	2.3	0.43843	0.1172E-01	1.19353	0.1120E-01 136.9
361	189.0	2009.5	2.8	0.43849	0.1187E-01	1.19356	0.1122E-01 140.4
361	189.5	2002.6	3.2	0.43856	0.1203E-01	1.19351	0.1118E-01 144.1
361	190.0	1998.1	3.1	0.43877	0.1250E-01	1.19359	0.1125E-01 147.4
361	190.5	1997.6	2.7	0.43890	0.1280E-01	1.19366	0.1131E-01 150.6
361	191.0	1999.9	3.2	0.43897	0.1298E-01	1.19378	0.1141E-01 152.6
361	191.5	2001.2	3.2	0.43928	0.1368E-01	1.19396	0.1156E-01 152.9
361	192.0	2001.0	2.8	0.43964	0.1453E-01	1.19404	0.1163E-01 152.3
361	192.5	2000.4	3.3	0.44008	0.1554E-01	1.19411	0.1169E-01 152.0
361	193.0	1999.8	2.4	0.44055	0.1661E-01	1.19425	0.1181E-01 151.6
361	193.5	2002.3	3.3	0.44117	0.1805E-01	1.19423	0.1179E-01 151.0
361	194.0	2002.9	2.9	0.44187	0.1965E-01	1.19428	0.1184E-01 150.6
361	194.5	2003.2	3.0	0.44258	0.2131E-01	1.19420	0.1177E-01 150.6
361	195.0	2005.1	3.1	0.44322	0.2277E-01	1.19413	0.1170E-01 150.0
361	195.5	2004.0	3.1	0.44403	0.2466E-01	1.19407	0.1166E-01 149.9
361	196.0	2003.9	3.1	0.44479	0.2640E-01	1.19410	0.1168E-01 149.8
361	196.5	2001.1	3.0	0.44558	0.2822E-01	1.19409	0.1167E-01 149.5
361	197.0	2002.0	2.9	0.44647	0.3027E-01	1.19410	0.1168E-01 149.1
361	197.5	2001.9	3.1	0.44726	0.3210E-01	1.19416	0.1173E-01 149.0
361	198.0	2001.8	2.9	0.44815	0.3416E-01	1.19410	0.1168E-01 149.3
361	198.5	2005.9	3.5	0.44900	0.3612E-01	1.19416	0.1175E-01 149.1
361	199.0	2006.7	3.0	0.44998	0.3838E-01	1.19416	0.1175E-01 149.0
361	199.5	2006.6	3.2	0.45081	0.4030E-01	1.19415	0.1172E-01 149.2
361	200.0	2005.7	2.7	0.45174	0.4244E-01	1.19411	0.1169E-01 149.0
361	200.5	2007.9	3.1	0.45270	0.4465E-01	1.19404	0.1163E-01 149.0
361	201.0	2007.7	3.2	0.45363	0.4679E-01	1.19403	0.1162E-01 148.8
361	201.5	2008.8	2.5	0.45463	0.4910E-01	1.19399	0.1159E-01 148.7
361	202.0	2012.8	3.1	0.45579	0.5178E-01	1.19386	0.1149E-01 148.6
361	202.5	1911.6	3.4	0.45588	0.5200E-01	1.19503	0.1247E-01 121.6
361	203.0	1773.2	3.9	0.45560	0.5134E-01	1.19450	0.1202E-01 87.5
361	203.5	1718.3	7.7	0.45585	0.5191E-01	-9.99900	-9.9994E+04 92.3
361	204.0	1772.9	10.2	0.45633	0.5303E-01	1.19533	0.1272E-01 93.0
361	204.5	1880.3	8.9	0.46771	0.7929E-01	1.18695	0.5623E-02 94.9
361	205.0	1959.1	5.8	0.45664	0.5375E-01	1.19743	0.1451E-01 95.8
361	205.5	1956.4	4.3	0.45648	0.5337E-01	1.19633	0.1357E-01 97.0

421	341.5	1999.7	5.1	0.43994	0.1462E-01	1.21745	0.1547E-01	152.9
421	342.0	2000.0	5.3	0.44004	0.1485E-01	1.21644	0.1509E-01	152.8
421	342.5	1997.7	5.0	0.44005	0.1488E-01	1.21689	0.1501E-01	152.4
421	343.0	1996.2	5.1	0.43997	0.1470E-01	1.21648	0.1508E-01	152.6
421	343.5	2000.6	5.3	0.44007	0.1492E-01	1.21688	0.1499E-01	152.2
421	344.0	2000.3	5.0	0.44000	0.1476E-01	1.21696	0.1506E-01	152.0
421	344.5	2000.2	5.4	0.44001	0.1479E-01	1.21692	0.1503E-01	152.2
421	345.0	1997.8	5.3	0.44002	0.1482E-01	1.21696	0.1507E-01	152.1
421	345.5	1996.3	5.1	0.44001	0.1479E-01	1.21693	0.1503E-01	152.0
421	346.0	1998.3	5.7	0.44009	0.1497E-01	1.21710	0.1510E-01	149.3
421	346.5	2024.8	5.5	0.44063	0.1621E-01	1.21653	0.1470E-01	150.8
421	347.0	2031.0	5.4	0.44067	0.1631E-01	1.21785	0.1580E-01	150.1
421	347.5	2033.0	5.4	0.44140	0.1799E-01	1.21768	0.1564E-01	150.6
421	348.0	2028.9	5.2	0.44181	0.1893E-01	1.21758	0.1558E-01	150.8
421	348.5	2026.3	5.2	0.44232	0.2011E-01	1.21663	0.1478E-01	150.6
421	349.0	2022.8	5.1	0.44295	0.2158E-01	1.21752	0.1553E-01	150.4
421	349.5	2021.7	5.2	0.44359	0.2304E-01	1.21745	0.1547E-01	149.9
421	350.0	2018.2	5.3	0.44417	0.2439E-01	1.21735	0.1539E-01	150.4
421	350.5	2016.1	5.1	0.44495	0.2618E-01	1.21717	0.1524E-01	150.0
421	351.0	2015.0	5.4	0.44556	0.2759E-01	1.19252	-0.5326E-02	149.8
421	351.5	2016.6	5.4	0.44629	0.2928E-01	1.21708	0.1516E-01	149.5
421	352.0	2013.6	5.3	0.44688	0.3064E-01	1.21972	0.1737E-01	149.7
421	352.5	2017.1	5.5	0.44833	0.3397E-01	1.21651	0.1469E-01	149.6
421	353.0	1969.2	5.4	0.44688	0.3062E-01	1.21596	0.1423E-01	143.0
421	353.5	1919.9	5.4	0.44670	0.3020E-01	1.21567	0.1398E-01	137.5
421	354.0	1884.2	5.6	0.44651	0.2977E-01	1.21050	0.9672E-02	132.0
421	354.5	1851.3	5.4	0.44661	0.3001E-01	1.21520	0.1359E-01	128.4
421	355.0	1831.6	5.6	0.44640	0.2952E-01	1.21499	0.1342E-01	124.8
421	355.5	1813.1	5.3	0.44640	0.2952E-01	1.21499	0.1342E-01	122.6
421	356.0	1793.8	5.5	0.44635	0.2941E-01	1.19002	-0.7405E-02	120.0
421	356.5	1782.3	5.7	0.44629	0.2928E-01	1.22188	0.1917E-01	117.5
421	357.0	1774.7	5.6	0.44631	0.2931E-01	1.21214	0.1104E-01	115.1
421	357.5	1765.7	5.8	0.44622	0.2911E-01	1.21462	0.1311E-01	114.1
421	358.0	1761.7	5.7	0.44622	0.2911E-01	1.21444	0.1296E-01	112.4
421	358.5	1753.9	5.7	0.44625	0.2917E-01	1.21394	0.1254E-01	111.3
421	359.0	1746.9	6.0	0.44627	0.2922E-01	1.21442	0.1294E-01	110.0
421	359.5	1741.7	5.5	0.44633	0.2935E-01	1.21623	0.1446E-01	108.6
421	360.0	1738.7	5.6	0.44635	0.2941E-01	1.21708	0.1516E-01	108.0
421	360.5	1739.0	5.6	0.44627	0.2922E-01	1.21632	0.1453E-01	107.2
421	361.0	1730.2	5.4	0.44633	0.2937E-01	1.21451	0.1302E-01	106.9
421	361.5	1727.9	5.6	0.44612	0.2887E-01	1.21231	0.1118E-01	106.1
421	362.0	1725.0	5.3	0.44616	0.2902E-01	1.21362	0.1228E-01	104.9
421	362.5	1721.1	5.7	0.44634	0.2938E-01	1.21797	0.1591E-01	104.6
421	363.0	1723.8	5.7	0.44620	0.2907E-01	1.21722	0.1526E-01	103.6
421	363.5	1723.6	5.5	0.44625	0.2919E-01	1.21463	0.1312E-01	103.2
421	364.0	1726.9	5.9	0.44623	0.2913E-01	1.21465	0.1314E-01	102.5
421	364.5	1723.4	5.5	0.44623	0.2914E-01	1.21467	0.1315E-01	102.4
421	365.0	1719.4	5.6	0.44623	0.2914E-01	1.21462	0.1311E-01	100.8
421	365.5	1719.4	5.7	0.44635	0.2940E-01	1.21465	0.1313E-01	100.4
421	366.0	1738.7	5.6	0.44635	0.2941E-01	1.21708	0.1516E-01	108.0
421	366.5	1739.0	5.6	0.44627	0.2922E-01	1.21632	0.1453E-01	107.2
421	361.0	1730.2	5.4	0.44633	0.2937E-01	1.21451	0.1302E-01	106.9
421	361.5	1727.9	5.6	0.44612	0.2887E-01	1.21231	0.1118E-01	106.1
421	362.0	1725.0	5.3	0.44616	0.2902E-01	1.21362	0.1228E-01	104.9

D : Biaxial Ramp Pressure Strain Data Zry-4
(In 6.5×10^{-5} atm air)

153	1529.0	1500.9	8.3	0.43616	0.6440E-02	1.19082	0.5971E-02	33.2
153	1529.5	1500.8	8.7	0.43613	0.6366E-02	1.19089	0.6026E-02	32.2
153	1530.0	1501.5	8.1	0.43616	0.6440E-02	1.19094	0.6076E-02	33.9
153	1530.5	1501.0	8.3	0.43624	0.6520E-02	1.19084	0.5987E-02	32.0
153	1531.0	1500.9	8.0	0.43612	0.6343E-02	1.19091	0.6049E-02	33.5
1	1531.5	1501.3	8.5	0.43624	0.6620E-02	1.19084	0.5987E-02	32.7
153	1532.0	1500.6	8.0	0.43620	0.6523E-02	1.19089	0.6030E-02	33.9
153	1532.5	1500.2	8.6	0.43615	0.6418E-02	1.19089	0.6026E-02	33.0
153	1533.0	1500.9	7.9	0.43617	0.6455E-02	1.19086	0.6000E-02	34.7
153	1533.5	1500.4	8.4	0.43617	0.6455E-02	1.19087	0.6013E-02	36.9
153	1534.0	1499.8	8.4	0.43618	0.6485E-02	1.19086	0.6007E-02	38.8
153	1534.5	1500.5	8.2	0.43620	0.6515E-02	1.19088	0.6023E-02	42.2
153	1535.0	1499.6	8.6	0.43620	0.6530E-02	1.19089	0.6030E-02	50.3
153	1535.5	1500.6	8.2	0.43611	0.6321E-02	1.19092	0.6056E-02	53.5
153	1536.0	1500.1	8.1	0.43624	0.6627E-02	1.19084	0.5984E-02	58.9
153	1536.5	1500.3	8.4	0.43612	0.6351E-02	1.19090	0.6039E-02	63.2
153	1537.0	1500.0	8.4	0.43614	0.6500E-02	1.19087	0.6017E-02	65.9
153	1537.5	1500.0	8.4	0.43621	0.6536E-02	1.19086	0.6020E-02	70.6
153	1538.0	1500.0	8.4	0.43621	0.6536E-02	1.19089	0.6026E-02	74.2
153	1538.5	1500.0	8.4	0.43620	0.6530E-02	1.19081	0.5961E-02	76.7
153	1539.0	1500.8	8.1	0.43624	0.6627E-02	1.19083	0.5977E-02	82.1
153	1539.5	1499.4	8.6	0.43625	0.6657E-02	1.19048	0.6023E-02	84.7
153	1540.0	1499.6	8.2	0.43627	0.6680E-02	1.19044	0.5990E-02	89.9
153	1540.5	1500.1	8.3	0.43621	0.6560E-02	1.19088	0.6023E-02	94.0
153	1541.0	1500.0	8.3	0.43627	0.6695E-02	1.19087	0.6016E-02	98.4
153	1541.5	1499.6	8.2	0.43631	0.6785E-02	1.19072	0.6050E-02	104.3
153	1542.0	1500.1	8.4	0.43624	0.6627E-02	1.19098	0.6108E-02	106.9
153	1542.5	1500.0	8.7	0.43621	0.6545E-02	1.19084	0.5987E-02	110.6
153	1543.0	1499.8	8.2	0.43617	0.6448E-02	1.19099	0.6115E-02	115.3
153	1543.5	1500.3	8.6	0.43627	0.6687E-02	1.19091	0.6043E-02	120.4
153	1544.0	1499.2	8.8	0.43633	0.6824E-02	1.19085	0.5997E-02	126.3
1	1544.5	1500.2	8.6	0.43633	0.6837E-02	1.19088	0.6023E-02	129.2
153	1545.0	1500.1	8.3	0.43631	0.6785E-02	1.19093	0.6059E-02	135.0
153	1545.5	1499.8	8.5	0.43631	0.6785E-02	1.19088	0.6020E-02	138.2
153	1546.0	1499.9	9.4	0.43634	0.6859E-02	1.19093	0.6066E-02	144.1
153	1546.5	1500.3	7.8	0.43632	0.6807E-02	1.19094	0.6069E-02	147.7
153	1547.0	1499.9	8.6	0.43637	0.6912E-02	1.19098	0.6102E-02	152.1
153	1547.5	1500.1	8.4	0.43636	0.6889E-02	1.19090	0.6040E-02	157.8
153	1548.0	1499.9	8.3	0.43636	0.6897E-02	1.19093	0.6062E-02	161.7
153	1548.5	1499.6	8.0	0.43635	0.6874E-02	1.19092	0.6056E-02	166.8
153	1549.0	1499.8	8.8	0.43640	0.6995E-02	1.19092	0.6053E-02	171.4
153	1549.5	1500.6	8.4	0.43637	0.6912E-02	1.19090	0.6039E-02	175.6
153	1550.0	1500.1	8.2	0.43642	0.7031E-02	1.19088	0.6023E-02	179.2
153	1550.5	1500.0	9.4	0.43645	0.7114E-02	1.19089	0.6030E-02	185.3
153	1551.0	1500.1	8.3	0.43640	0.6994E-02	1.19091	0.6043E-02	191.0
153	1551.5	1500.1	8.4	0.43642	0.7031E-02	1.19094	0.6072E-02	195.4
153	1552.0	1499.8	8.5	0.43647	0.7151E-02	1.19088	0.6020E-02	200.5
153	1552.5	1500.1	8.5	0.43650	0.7211E-02	1.19086	0.6000E-02	204.2
153	1553.0	1500.2	8.5	0.43645	0.7099E-02	1.19086	0.6007E-02	209.0
153	1553.5	1501.2	8.3	0.43654	0.7308E-02	1.19094	0.6070E-02	213.7
153	1554.0	1500.0	8.5	0.43650	0.7218E-02	1.19100	0.6121E-02	219.5
153	1554.5	1500.2	8.2	0.43646	0.7121E-02	1.19086	0.6007E-02	222.5
153	1555.0	1500.7	8.2	0.43655	0.7334E-02	1.19091	0.6043E-02	229.1
153	1555.5	1500.1	8.4	0.43655	0.7331E-02	1.19094	0.6069E-02	235.9
153	1556.0	1500.6	8.3	0.43655	0.7334E-02	1.19100	0.6121E-02	237.9
153	1556.5	1501.4	8.2	0.43654	0.7311E-02	1.19095	0.6082E-02	243.2
153	1557.0	1500.1	8.3	0.43654	0.7396E-02	1.19106	0.6171E-02	249.6
1	1557.5	1500.3	8.4	0.43664	0.7540E-02	1.19098	0.6106E-02	254.0
153	1558.0	1501.1	8.2	0.43664	0.7637E-02	1.19092	0.6053E-02	258.9
153	1558.5	1500.3	8.3	0.43656	0.7361E-02	1.19100	0.6121E-02	263.5

153	1559.0	1500.0	8.3	0.43667	0.7607E-02	1.17834	-0.4572E-02	264.9
153	1559.5	1500.7	7.9	0.43668	0.7637E-02	1.19097	0.6098E-02	273.5
153	1560.0	1500.4	8.3	0.43675	0.7737E-02	1.19044	0.6049E-02	274.9
153	1560.5	1500.9	8.6	0.43677	0.7839E-02	1.19100	0.6118E-02	283.5
153	1561.0	1500.6	8.2	0.43674	0.7764E-02	1.19095	0.6082E-02	288.6
153	1561.5	1500.5	8.4	0.43677	0.7939E-02	1.19093	0.6062E-02	293.3
153	1562.0	1499.8	8.4	0.43671	0.7712E-02	1.19084	0.5990E-02	296.5
153	1562.5	1500.1	8.5	0.43677	0.7847E-02	1.19091	0.6046E-02	302.0
153	1563.0	1500.9	8.1	0.43683	0.7974E-02	1.19093	0.6066E-02	307.4
153	1563.5	1500.5	8.6	0.43690	0.8146E-02	1.19099	0.6115E-02	314.5
153	1564.0	1500.4	8.3	0.43681	0.7944E-02	1.19092	0.6056E-02	317.4
153	1564.5	1500.5	8.0	0.43686	0.8041E-02	1.19100	0.6118E-02	324.5
153	1565.0	1500.2	8.6	0.43692	0.8193E-02	1.19089	0.6026E-02	328.2
153	1565.5	1500.4	8.5	0.43694	0.8243E-02	1.19091	0.6049E-02	334.6
153	1566.0	1500.0	8.4	0.43701	0.8407E-02	1.19095	0.6079E-02	340.2
153	1566.5	1500.8	8.1	0.43692	0.8196E-02	1.19102	0.6138E-02	342.1
153	1567.0	1500.2	8.4	0.43699	0.8340E-02	1.19102	0.6141E-02	349.5
153	1567.5	1500.3	8.6	0.43701	0.8385E-02	1.19093	0.6062E-02	355.6
153	1568.0	1499.8	8.9	0.43703	0.8441E-02	1.19089	0.6033E-02	361.2
153	1568.5	1500.0	8.4	0.43707	0.8527E-02	1.19088	0.6073E-02	361.9
153	1569.0	1499.3	8.7	0.43711	0.8625E-02	1.19091	0.6043E-02	370.2
153	1569.5	1499.9	8.6	0.43713	0.8677E-02	1.19092	0.6053E-02	377.8
153	1570.0	1500.0	8.7	0.43720	0.8834E-02	1.19096	0.6092E-02	382.2
153	1570.5	1500.2	8.4	0.43722	0.8879E-02	1.19097	0.6095E-02	385.8
153	1571.0	1499.4	8.7	0.43735	0.9178E-02	1.19098	0.6020E-02	391.5
153	1571.5	1499.7	8.2	0.43730	0.9073E-02	1.19099	0.6030E-02	395.6
153	1572.0	1500.4	8.5	0.43739	0.9283E-02	1.19080	0.5954E-02	399.3
153	1572.5	1499.7	8.3	0.43742	0.9343E-02	1.19087	0.6016E-02	404.2
153	1573.0	1500.0	8.2	0.43744	0.9392E-02	1.19083	0.5977E-02	411.2
153	1573.5	1500.0	8.2	0.43746	0.9425E-02	1.19083	0.5980E-02	415.4
153	1574.0	1500.0	8.6	0.43750	0.9530E-02	1.19092	0.6053E-02	419.5
153	1574.5	1499.9	8.8	0.43763	0.9836E-02	1.19077	0.5925E-02	425.0
153	1575.0	1499.9	8.5	0.43765	0.9866E-02	1.19083	0.5980E-02	429.8
153	1575.5	1499.1	8.5	0.43769	0.9971E-02	1.19075	0.5911E-02	435.4
153	1576.0	1499.2	8.6	0.43771	0.1001E-01	1.19082	0.5974E-02	441.0
153	1576.5	1499.2	8.7	0.43774	0.1007E-01	1.19079	0.5948E-02	445.7
153	1577.0	1499.7	8.7	0.43784	0.1032E-01	1.19075	0.5915E-02	451.3
153	1577.5	1499.8	8.6	0.43787	0.1036E-01	1.19073	0.5898E-02	455.7
153	1578.0	1499.8	8.4	0.43794	0.1055E-01	1.19070	0.5869E-02	462.0
153	1578.5	1500.4	8.5	0.43801	0.1071E-01	1.19062	0.5808E-02	465.9
153	1579.0	1500.3	8.4	0.43804	0.1077E-01	1.19060	0.5836E-02	471.6
153	1579.5	1500.2	8.5	0.43819	0.1112E-01	1.19050	0.5751E-02	477.2
153	1580.0	1500.0	8.7	0.43824	0.1124E-01	1.19062	0.5803E-02	482.3
153	1580.5	1499.5	8.9	0.43831	0.1135E-01	1.19054	0.5738E-02	488.4
153	1581.0	1499.7	8.6	0.43836	0.1152E-01	1.19044	0.5652E-02	493.5
153	1581.5	1499.6	8.2	0.43845	0.1171E-01	1.19042	0.5633E-02	496.9
153	1582.0	1499.6	8.4	0.43861	0.1208E-01	1.19044	0.5646E-02	503.1
153	1582.5	1499.0	8.4	0.43863	0.1213E-01	1.19035	0.5577E-02	505.7
153	1583.0	1499.5	8.5	0.43874	0.1236E-01	1.19032	0.5547E-02	512.6
153	1583.5	1500.0	9.0	0.43886	0.1267E-01	1.19025	0.5484E-02	517.9
153	1584.0	1499.3	8.5	0.43892	0.1280E-01	1.19025	0.5492E-02	522.3
153	1584.5	1500.4	8.8	0.43903	0.1305E-01	1.19020	0.5446E-02	526.0
153	1585.0	1500.1	8.7	0.43911	0.1324E-01	1.19014	0.5400E-02	530.6
153	1585.5	1500.6	8.6	0.43922	0.1349E-01	1.19007	0.5334E-02	537.0
153	1586.0	1499.8	8.8	0.43933	0.1385E-01	1.19000	0.5275E-02	541.9
153	1586.5	1499.6	8.9	0.43955	0.1426E-01	1.18983	0.5131E-02	544.3
153	1587.0	1499.9	8.9	0.43965	0.1450E-01	1.18990	0.5196E-02	551.4
153	1587.5	1499.6	9.0	0.43973	0.1480E-01	1.18975	0.5065E-02	558.0
153	1588.0	1499.9	8.8	0.43997	0.1521E-01	1.18967	0.5003E-02	563.1
153	1588.5	1500.5	8.5	0.43996	0.1520E-01	1.18963	0.4967E-02	567.3

153	1589.0	1500.2	8.8	0.44021	0.1575E-01	1.18951	0.4665E-02	572.9
53	1589.5	1500.0	8.8	0.44039	0.1620E-01	1.18937	0.4707E-02	576.8
53	1590.0	1500.2	9.0	0.44051	0.1648E-01	1.18931	0.4694E-02	584.6
153	1590.5	1500.3	9.1	0.44074	0.1700E-01	1.18916	0.4565E-02	588.9
153	1591.0	1500.5	8.8	0.44091	0.1740E-01	1.18903	0.4462E-02	596.1
153	1591.5	1500.1	8.6	0.44114	0.1792E-01	1.18893	0.4373E-02	599.3
153	1592.0	1500.1	9.2	0.44133	0.1836E-01	1.18887	0.4324E-02	605.1
1	1592.5	1500.3	8.6	0.44153	0.1883E-01	1.18865	0.4140E-02	610.5
153	1593.0	1500.1	8.7	0.44175	0.1933E-01	1.18856	0.4056E-02	615.4
153	1593.5	1500.6	8.6	0.44200	0.1991E-01	1.18838	0.3910E-02	619.0
153	1594.0	1500.4	8.9	0.44223	0.2045E-01	1.18819	0.3746E-02	623.2
153	1594.5	1500.0	9.2	0.44250	0.2107E-01	1.18811	0.3684E-02	628.1
153	1595.0	1499.8	8.7	0.44280	0.2176E-01	1.18791	0.3513E-02	632.0
153	1595.5	1500.7	9.1	0.44310	0.2244E-01	1.18700	0.2687E-03	638.6
153	1596.0	1500.3	9.0	0.44337	0.2307E-01	1.18745	0.3126E-02	643.2
153	1596.5	1500.2	8.8	0.44369	0.2382E-01	1.18719	0.2907E-02	648.8
153	1597.0	1500.4	9.1	0.44397	0.2445E-01	1.18710	0.2826E-02	652.7
153	1597.5	1500.0	9.0	0.44429	0.2520E-01	1.18682	0.2588E-02	656.9
153	1598.0	1500.2	8.9	0.44464	0.2599E-01	1.18653	0.2346E-02	664.7
153	1598.5	1500.2	9.3	0.44497	0.2676E-01	1.18627	0.2123E-02	671.3
153	1599.0	1500.1	9.1	0.44540	0.2774E-01	1.18595	0.1860E-02	675.7
153	1599.5	1500.1	9.0	0.44581	0.2870E-01	1.18564	0.1598E-02	678.9
153	1600.0	1500.9	8.9	0.44620	0.2971E-01	1.18539	0.1391E-02	683.8
153	1600.5	1500.8	9.5	0.44673	0.3083E-01	1.18496	0.1020E-02	690.2
153	1601.0	1499.6	9.7	0.44721	0.3194E-01	1.18455	0.8755E-03	696.9
153	1601.5	1501.1	9.7	0.44777	0.3322E-01	1.18409	0.2654E-03	700.6
153	1602.0	1500.6	9.5	0.44830	0.3445E-01	1.18367	-0.7219E-04	709.2
153	1602.5	1500.6	8.9	0.44884	0.3569E-01	1.18320	-0.4692E-03	713.6
153	1603.0	1501.5	9.6	0.44948	0.3717E-01	1.18273	-0.8660E-03	717.2
153	1603.5	1500.6	9.8	0.45016	0.3873E-01	1.18207	-0.1424E-02	723.8
153	1604.0	1501.2	10.1	0.45083	0.4030E-01	1.18145	-0.1949E-02	729.2
153	1604.5	1502.1	9.3	0.45167	0.4223E-01	1.18062	-0.2477E-02	732.6
153	1605.0	1502.0	9.6	0.45248	0.4410E-01	1.17994	-0.3225E-02	737.2
1	1605.5	1502.2	9.4	0.45329	0.4597E-01	1.17921	-0.3635E-02	741.9
153	1606.0	1501.0	9.7	0.45416	0.4798E-01	1.17827	-0.4635E-02	749.0
153	1606.5	1502.7	9.6	0.45519	0.5034E-01	1.17732	-0.5433E-02	752.1
153	1607.0	1502.1	9.8	0.45619	0.5285E-01	1.17606	-0.6495E-02	754.6
153	1607.5	1503.0	10.2	0.45731	0.5524E-01	1.17457	-0.7755E-02	761.2
153	1608.0	1502.4	12.0	0.45842	0.5741E-01	1.17226	-0.9710E-02	765.6
153	1608.5	1489.9	9.0	0.45883	0.5759E-01	1.16989	-0.1171E-01	750.9
153	1609.0	1443.3	10.6	0.45831	0.5754E-01	1.17046	-0.1123E-01	757.3
153	1609.5	1363.9	10.7	0.45817	0.5723E-01	1.17004	-0.1158E-01	775.1
153	1610.0	1354.1	9.6	0.45994	0.6130E-01	1.16952	-0.1202E-01	806.1
153	1610.5	1395.3	9.5	0.45809	0.5704E-01	1.17066	-0.1106E-01	801.7
153	1611.0	1426.5	9.8	0.45813	0.5712E-01	1.17097	-0.1080E-01	800.0
153	1611.5	1447.3	10.2	0.45807	0.5699E-01	1.17132	-0.1050E-01	799.5
153	1612.0	1458.7	10.3	0.45812	0.5711E-01	1.17083	-0.1092E-01	798.5
153	1612.5	1466.5	9.9	0.45812	0.5711E-01	1.17077	-0.1097E-01	799.0
153	1613.0	1472.9	10.0	0.45804	0.5702E-01	1.17087	-0.1088E-01	798.0
153	1613.5	1477.5	9.7	0.45807	0.5698E-01	1.17140	-0.1044E-01	797.3
153	1614.0	1478.3	10.0	0.45804	0.5692E-01	1.17048	-0.1121E-01	798.8
153	1614.5	1481.7	10.0	0.45806	0.5696E-01	1.17104	-0.1074E-01	797.3
153	1615.0	1481.9	10.4	0.45804	0.5692E-01	1.17011	-0.1153E-01	798.5
153	1615.5	1484.4	9.7	0.45793	0.5678E-01	1.17137	-0.1046E-01	798.8
153	1616.0	1486.3	9.7	0.45799	0.5680E-01	1.17121	-0.1059E-01	796.3
153	1616.5	1486.9	9.6	0.45800	0.5682E-01	1.17055	-0.1116E-01	798.8

154	850.0	1499.6	12.4	0.43633	0.6927E-02	1.21050	0.6220E-02	46.2
154	850.5	1500.8	12.2	0.43625	0.6763E-02	1.21053	0.6246E-02	45.2
154	851.0	1500.8	12.5	0.43626	0.6745E-02	1.21060	0.6304E-02	44.4
154	851.5	1501.1	12.3	0.43609	0.6389E-02	1.21067	0.6362E-02	44.0
154	852.0	1500.8	12.3	0.43631	0.6897E-02	1.21052	0.6233E-02	44.7
154	852.5	1500.6	12.2	0.43621	0.6673E-02	1.21059	0.6286E-02	44.4
154	853.0	1501.4	12.9	0.43619	0.6613E-02	1.21064	0.6337E-02	41.9
154	853.5	1500.9	13.2	0.43634	0.4465E-02	1.21062	0.6317E-02	44.2
154	854.0	1501.5	12.8	0.43630	0.6875E-02	1.21060	0.6304E-02	42.5
154	854.5	1501.5	12.8	0.43630	0.6667E-02	1.21065	0.6346E-02	45.4
154	855.0	1500.8	13.2	0.43633	0.6950E-02	1.21064	0.6333E-02	53.0
154	855.5	1501.4	13.1	0.43628	0.6815E-02	1.21068	0.6372E-02	64.2
154	856.0	1500.0	13.0	0.43631	0.6897E-02	1.21064	0.6333E-02	75.5
154	856.5	1500.5	12.5	0.43634	0.6957E-02	1.21061	0.6307E-02	84.2
154	857.0	1501.4	12.4	0.43634	0.6957E-02	1.21068	0.6372E-02	91.8
154	857.5	1500.1	12.8	0.43634	0.7064E-02	1.21063	0.6327E-02	98.7
154	858.0	1500.6	13.1	0.43644	0.7182E-02	1.21064	0.6337E-02	108.9
154	858.5	1500.6	12.7	0.43641	0.7114E-02	1.21065	0.6343E-02	121.9
154	859.0	1501.6	12.7	0.43641	0.7124E-02	1.21073	0.6414E-02	131.1
154	859.5	1500.6	13.2	0.43645	0.7219E-02	1.21068	0.6366E-02	143.3
154	860.0	1500.2	12.9	0.43648	0.7279E-02	1.21072	0.6404E-02	154.3
154	860.5	1501.6	13.1	0.43650	0.7324E-02	1.21066	0.6349E-02	166.8
154	861.0	1500.7	12.6	0.43649	0.7309E-02	1.21069	0.6376E-02	160.0
154	861.5	1501.5	13.6	0.43650	0.7339E-02	1.21075	0.6427E-02	191.0
154	862.0	1500.6	13.0	0.43647	0.7271E-02	1.21076	0.6437E-02	202.2
154	862.5	1500.8	13.3	0.43645	0.7675E-02	1.21078	0.6450E-02	216.1
154	863.0	1500.7	13.6	0.43657	0.7496E-02	1.21077	0.6440E-02	227.8
154	863.5	1501.2	12.8	0.43661	0.7593E-02	1.21074	0.6417E-02	240.3
154	864.0	1501.0	13.5	0.43665	0.7675E-02	1.21073	0.6411E-02	252.3
154	864.5	1501.0	12.9	0.43670	0.7786E-02	1.21073	0.6411E-02	265.4
154	865.0	1501.1	13.4	0.43673	0.7855E-02	1.21082	0.6482E-02	279.4
154	865.5	1500.3	13.4	0.43687	0.8184E-02	1.21085	0.6511E-02	292.3
154	866.0	1500.1	13.0	0.43683	0.8094E-02	1.21077	0.6443E-02	308.4
154	866.5	1501.0	13.0	0.43687	0.8192E-02	1.21083	0.6495E-02	317.9
154	867.0	1501.6	12.9	0.43692	0.8311E-02	1.21078	0.6456E-02	333.3
154	867.5	1501.6	13.0	0.43703	0.8551E-02	1.21076	0.6433E-02	343.8
154	868.0	1501.5	12.9	0.43706	0.8625E-02	1.21092	0.6566E-02	359.7
154	868.5	1502.3	13.2	0.43715	0.8642E-02	1.21090	0.6550E-02	368.7
154	869.0	1502.7	12.9	0.43722	0.8985E-02	1.21087	0.6530E-02	382.2
154	869.5	1502.1	13.0	0.43730	0.9179E-02	1.21087	0.6527E-02	396.8
154	870.0	1501.7	12.9	0.43743	0.9486E-02	1.21082	0.6448E-02	410.3
154	870.5	1502.7	13.6	0.43750	0.9628E-02	1.21086	0.6521E-02	421.5
154	871.0	1503.6	12.7	0.43765	0.9987E-02	1.21082	0.6485E-02	435.2
154	871.5	1503.4	13.2	0.43775	0.1023E-01	1.21089	0.6543E-02	449.8
154	872.0	1503.6	13.0	0.43790	0.1056E-01	1.21079	0.6454E-02	461.8
154	872.5	1504.4	12.6	0.43809	0.1099E-01	1.21079	0.6462E-02	476.4
154	873.0	1504.9	12.9	0.43828	0.1143E-01	1.21080	0.6466E-02	487.9
154	873.5	1504.7	13.4	0.43845	0.1183E-01	1.21077	0.6440E-02	500.6
154	874.0	1504.9	13.2	0.43871	0.1243E-01	1.21072	0.6401E-02	514.0
154	874.5	1505.9	12.8	0.43892	0.1291E-01	1.21073	0.6414E-02	526.5
154	875.0	1505.8	13.1	0.43913	0.1339E-01	1.21069	0.6375E-02	540.2
154	875.5	1506.2	13.2	0.43942	0.1408E-01	1.21064	0.6333E-02	553.1
154	876.0	1505.7	13.6	0.43964	0.1454E-01	1.21056	0.6269E-02	568.3
154	876.5	1506.1	12.8	0.43993	0.1525E-01	1.21047	0.6194E-02	580.5
154	877.0	1506.1	13.4	0.44035	0.1621E-01	1.21045	0.6178E-02	595.6
154	877.5	1506.3	13.4	0.44067	0.1694E-01	1.21024	0.6001E-02	603.4
154	878.0	1506.3	13.3	0.44102	0.1776E-01	1.21021	0.5975E-02	619.6
154	878.5	1505.7	13.5	0.44144	0.1884E-01	1.21002	0.5817E-02	629.3
154	879.0	1506.6	13.3	0.44187	0.1972E-01	1.20996	0.5791E-02	646.6
154	879.5	1506.6	13.4	0.44235	0.2044E-01	1.20986	0.5691E-02	659.8

154	880.0	1505.7	13.1	0.44237	0.2204E-01	1.20976	0.5647E-02	672.5
154	880.5	1506.5	13.3	0.44345	0.2337E-01	1.20950	0.5367E-02	664.2
154	881.0	1507.4	13.6	0.44404	0.2472E-01	1.20929	0.5210E-02	696.5
154	881.5	1508.3	13.2	0.44446	0.2521E-01	1.20905	0.5016E-02	713.1
154	882.0	1507.4	13.6	0.44550	0.2511E-01	1.20870	0.4719E-02	722.6
154	882.5	1506.5	13.4	0.44647	0.3035E-01	1.20824	0.4338E-02	737.7
154	883.0	1506.2	13.8	0.44750	0.3271E-01	1.20782	0.3993E-02	753.4
1	883.5	1506.9	13.8	0.44853	0.3509E-01	1.20726	0.3528E-02	766.1
154	884.0	1506.1	13.7	0.45004	0.3857E-01	1.20651	0.2905E-02	779.0
154	884.5	1507.5	14.3	0.45144	0.4181E-01	1.20555	0.2108E-02	788.5
154	885.0	1508.0	15.8	0.45298	0.4537E-01	1.20392	0.7521E-03	502.9
154	885.5	1489.7	13.9-9.99900	-0.9999E+04	1.20130	-0.9297E-03	798.3	802.7
154	886.0	1434.5	14.1-9.99900	-0.9999E+04	1.20373	0.5938E-03	818.3	845.7
154	886.5	1387.9	13.9-9.99900	-0.9999E+04	1.20383	0.6778E-03	857.6	876.7
154	887.0	1369.2	10.7	0.51418	0.1866E+00	1.19483	-0.2647E-02	876.2
154	887.5	1393.8	11.1-9.99900	-0.9999E+04	1.20016	-0.2379E-02	875.7	875.0
154	888.0	1414.3	11.3	0.50393	0.1627E+00	1.14914	-0.3222E-02	873.3
154	888.5	1424.1	11.5	0.50104	0.1563E+00	1.20042	-0.2161E-02	873.3
154	889.0	1439.4	11.3-9.99900	-0.9999E+04	1.20047	-0.2117E-02	872.4	875.2
154	889.5	1446.6	11.4-9.99900	-0.9999E+04	1.20033	-0.2234E-02	873.7	875.2
154	890.0	1452.2	11.5	0.50077	0.1557E+00	1.20055	-0.1970E-02	874.2
154	890.5	1455.8	11.6	0.50044	0.1554E+00	1.19977	-0.2702E-02	874.0
154	891.0	1459.0	11.2	0.50117	0.1566E+00	1.20060	-0.2008E-02	873.5
154	891.5	1463.0	10.9	0.50080	0.1557E+00	1.20103	-0.1656E-02	873.5
154	892.0	1465.1	11.7	0.50047	0.1550E+00	1.20016	-0.2375E-02	874.5
154	892.5	1466.3	11.8-9.99900	-0.9999E+04	1.20143	-0.1320E-02	875.2	873.7
154	893.0	1468.9	11.4	0.50057	0.1552E+00	1.20163	-0.1152E-02	875.2
154	893.5	1470.3	11.8-9.99900	-0.9999E+04	1.20147	-0.1285E-02	874.7	875.2
154	894.0	1471.0	11.3-9.99900	-0.9999E+04	1.20060	-0.2011E-02	874.5	875.2
154	894.5	1471.9	11.6-9.99900	-0.9999E+04	1.20029	-0.2265E-02	874.2	875.0
154	895.0	1473.3	11.3-9.99900	-0.9999E+04	1.20075	-0.1686E-02	871.6	874.0
154	895.5	1474.3	12.0	0.49959	0.1529E+00	1.20057	-0.2039E-02	872.8
154	896.0	1475.5	12.1-9.99900	-0.9999E+04	1.20034	-0.2226E-02	871.1	
1	896.5	1475.5	11.5	0.49936	0.1524E+00	1.20042	-0.2157E-02	
154	897.0	1476.6	11.4-9.99900	-0.9999E+04	1.20026	-0.2295E-02		
154	897.5	1477.5	11.5	0.50022	0.1544E+00	1.20074	-0.1695E-02	
154	898.0	1477.8	12.0	0.49913	0.1519E+00	1.20076	-0.1679E-02	
154	898.5	1479.1	11.9	0.49983	0.1535E+00	1.20045	-0.2131E-02	
154	899.0	1480.0	11.6	0.49932	0.1523E+00	1.20108	-0.1614E-02	
154	899.5	1480.5	11.4	0.49948	0.1527E+00	1.20037	-0.2203E-02	
154	900.0	1481.0	12.0	0.49928	0.1522E+00	1.20085	-0.1801E-02	
154	900.5	1482.5	11.4-9.99900	-0.9999E+04	1.20005	-0.2466E-02		
154	901.0	1482.7	12.0	0.49967	0.1531E+00	1.20092	-0.1743E-02	
154	901.5	1482.7	11.8-9.99900	-0.9999E+04	1.20066	-0.1956E-02		

155	752.5	1299.7	9.9	0.43564	0.5341E-02	1.19014	0.4082E-02	102.3
155	753.0	1299.0	10.0	0.43559	0.5214E-02	1.19023	0.4154E-02	105.3
155	753.5	1299.6	9.8	0.43565	0.5371E-02	1.19020	0.4131E-02	105.7
155	754.0	1299.3	9.7	0.43559	0.5214E-02	1.19023	0.4158E-02	105.3
155	754.5	1299.1	10.1	0.43568	0.5424E-02	1.19023	0.4161E-02	103.5
155	755.0	1302.0	10.2	0.43567	0.5416E-02	1.19021	0.4141E-02	97.7
155	755.5	1302.0	10.4	0.43562	0.5281E-02	1.19018	0.4115E-02	98.4
155	756.0	1301.6	10.4	0.43563	0.5326E-02	1.19016	0.4102E-02	97.4
155	756.5	1301.8	10.4	0.43561	0.5266E-02	1.19025	0.4171E-02	96.9
155	757.0	1300.6	10.2	0.43562	0.5304E-02	1.19021	0.4144E-02	100.1
155	757.5	1300.6	9.9	0.43563	0.5326E-02	1.19020	0.4135E-02	102.3
155	758.0	1299.7	9.8	0.43565	0.5356E-02	1.19023	0.4161E-02	104.4
155	758.5	1301.0	10.4	0.43562	0.5304E-02	1.19022	0.4146E-02	109.6
155	759.0	1299.4	9.8	0.43567	0.5409E-02	1.19022	0.4146E-02	115.5
155	759.5	1299.9	10.3	0.43568	0.5424E-02	1.19022	0.4151E-02	119.7
155	760.0	1299.3	10.0	0.43566	0.5394E-02	1.19017	0.4108E-02	124.1
155	760.5	1299.6	10.2	0.43566	0.5394E-02	1.19008	0.4033E-02	127.2
155	761.0	1297.6	9.8	0.43568	0.5431E-02	1.19013	0.4072E-02	133.1
155	761.5	1298.5	9.9	0.43567	0.5409E-02	1.19016	0.4115E-02	137.7
155	762.0	1298.9	10.2	0.43571	0.5491E-02	1.19020	0.4131E-02	142.1
155	762.5	1299.4	9.9	0.43568	0.5431E-02	1.19020	0.4128E-02	146.3
155	763.0	1298.7	10.3	0.43567	0.5409E-02	1.19025	0.4171E-02	149.9
155	763.5	1298.6	10.2	0.43570	0.5483E-02	1.19022	0.4151E-02	154.8
155	764.0	1298.6	9.7	0.43568	0.5431E-02	1.19015	0.4092E-02	160.9
155	764.5	1299.3	10.4	0.43569	0.5461E-02	1.19021	0.4144E-02	163.9
155	765.0	1298.8	10.1	0.43570	0.5483E-02	1.19018	0.4112E-02	168.3
155	765.5	1299.1	10.0	0.43569	0.5461E-02	1.19022	0.4151E-02	173.6
155	766.0	1299.6	10.4	0.43571	0.5491E-02	1.19025	0.4181E-02	177.3
155	766.5	1298.5	9.8	0.43570	0.5473E-02	1.19027	0.4187E-02	183.9
155	767.0	1299.1	10.2	0.43566	0.5394E-02	1.19016	0.4095E-02	185.6
155	767.5	1299.1	10.2	0.43572	0.5571E-02	1.19023	0.4156E-02	191.0
155	768.0	1298.0	10.8	0.43573	0.5536E-02	1.19024	0.4166E-02	194.1
155	768.5	1298.5	10.0	0.43574	0.5581E-02	1.19021	0.4138E-02	201.5
155	769.0	1298.1	10.5	0.43574	0.5581E-02	1.19026	0.4184E-02	205.9
155	769.5	1298.9	9.7	0.43573	0.5543E-02	1.19021	0.4144E-02	209.3
155	770.0	1299.1	10.1	0.43567	0.5409E-02	1.19019	0.4125E-02	214.2
155	770.5	1298.8	10.2	0.43574	0.5555E-02	1.19023	0.4156E-02	218.8
155	771.0	1298.6	10.2	0.43573	0.5551E-02	1.19021	0.4139E-02	223.4
155	771.5	1300.0	10.2	0.43577	0.5646E-02	1.19022	0.4148E-02	228.6
155	772.0	1299.0	10.3	0.43576	0.5611E-02	1.19023	0.4161E-02	231.5
155	772.5	1299.4	10.5	0.43574	0.5558E-02	1.19027	0.4190E-02	236.6
155	773.0	1299.9	10.2	0.43574	0.5573E-02	1.19022	0.4151E-02	243.0
155	773.5	1298.7	9.9	0.43573	0.5551E-02	1.19018	0.4115E-02	247.4
155	774.0	1299.1	10.1	0.43575	0.5596E-02	1.19018	0.4116E-02	253.2
155	774.5	1299.0	9.9	0.43576	0.5611E-02	1.19020	0.4126E-02	258.1
155	775.0	1299.9	10.2	0.43573	0.5536E-02	1.19022	0.4151E-02	262.5
155	775.5	1299.7	10.2	0.43572	0.5513E-02	1.19028	0.4203E-02	267.2
155	776.0	1299.6	10.5	0.43578	0.5671E-02	1.19025	0.4171E-02	271.1
155	776.5	1299.6	10.0	0.43579	0.5693E-02	1.19019	0.4125E-02	275.5
155	777.0	1299.4	10.0	0.43581	0.5723E-02	1.19024	0.4167E-02	279.9
155	777.5	1299.6	10.2	0.43579	0.5693E-02	1.19018	0.4118E-02	284.2
155	778.0	1300.5	10.1	0.43582	0.5760E-02	1.19015	0.4089E-02	291.1
155	778.5	1300.0	10.5	0.43578	0.5658E-02	1.19021	0.4144E-02	292.8
155	779.0	1300.1	10.0	0.43579	0.5695E-02	1.19025	0.4171E-02	299.9
155	779.5	1300.5	10.4	0.43583	0.5743E-02	1.19021	0.4184E-02	303.5
155	780.0	1300.1	10.4	0.43582	0.5760E-02	1.19014	0.4079E-02	307.2
155	780.5	1299.3	10.5	0.43581	0.5738E-02	1.19018	0.4115E-02	313.6
155	781.0	1300.4	10.5	0.43581	0.5738E-02	1.19020	0.4126E-02	316.5
155	781.5	1300.2	10.2	0.43581	0.5723E-02	1.19023	0.4154E-02	324.1
155	782.0	1300.1	10.5	0.43581	0.5723E-02	1.19029	0.4207E-02	328.2

155	782.5	1300.3	10.0	0.43544	0.5605E-02	1.19019	0.4125E-02	333.6
155	783.0	1299.9	10.1	0.43541	0.5738E-02	1.19024	0.4167E-02	335.8
155	783.5	1299.4	10.5	0.43545	0.5628E-02	1.19026	0.4131E-02	342.1
155	784.0	1299.6	10.4	0.43543	0.5775E-02	1.19025	0.4174E-02	346.5
155	784.5	1299.9	10.0	0.43538	0.5657E-02	1.19027	0.4187E-02	353.8
155	785.0	1300.3	10.1	0.43543	0.5775E-02	1.19021	0.4144E-02	357.5
155	785.5	1299.2	10.0	0.43541	0.5962E-02	1.19023	0.4161E-02	361.9
1	786.0	1299.2	10.4	0.43541	0.5970E-02	1.19023	0.4154E-02	364.3
155	786.5	1299.4	10.1	0.43548	0.5902E-02	1.19016	0.4099E-02	372.2
155	787.0	1299.6	10.2	0.43546	0.5957E-02	1.19019	0.4121E-02	377.0
155	787.5	1299.2	10.2	0.43548	0.5687E-02	1.19020	0.4135E-02	382.2
155	788.0	1299.0	10.5	0.43541	0.5970E-02	1.19022	0.4148E-02	387.1
155	788.5	1299.1	10.1	0.43544	0.6030E-02	1.19022	0.4151E-02	391.5
155	789.0	1300.2	10.2	0.43541	0.5962E-02	1.19024	0.4167E-02	395.8
155	789.5	1299.5	9.8	0.43549	0.5917E-02	1.19023	0.4156E-02	402.4
155	790.0	1299.2	10.2	0.43541	0.5970E-02	1.19021	0.4144E-02	407.1
155	790.5	1300.0	9.9	0.43541	0.5962E-02	1.19025	0.4174E-02	411.7
155	791.0	1300.3	10.2	0.43543	0.6008E-02	1.19019	0.4122E-02	417.3
155	791.5	1299.1	9.9	0.43542	0.5977E-02	1.19021	0.4138E-02	423.2
155	792.0	1300.5	10.2	0.43540	0.5932E-02	1.19023	0.4154E-02	424.7
155	792.5	1299.2	9.9	0.43546	0.6119E-02	1.19023	0.4154E-02	433.2
155	793.0	1299.1	10.0	0.43541	0.5962E-02	1.19027	0.4187E-02	435.4
155	793.5	1299.0	10.0	0.43547	0.6089E-02	1.19022	0.4146E-02	443.7
155	794.0	1299.4	10.3	0.43545	0.6054E-02	1.19020	0.4128E-02	448.6
155	794.5	1299.4	10.3	0.43543	0.6000E-02	1.19022	0.4151E-02	450.3
155	795.0	1300.2	10.1	0.43546	0.6074E-02	1.19027	0.4194E-02	456.7
155	795.5	1300.3	10.4	0.43543	0.6015E-02	1.19020	0.4135E-02	460.3
155	796.0	1299.5	10.0	0.43549	0.6144E-02	1.19022	0.4151E-02	465.9
155	796.5	1299.2	10.0	0.43602	0.6224E-02	1.19022	0.4146E-02	472.3
155	797.0	1299.7	10.5	0.43603	0.6232E-02	1.19021	0.4138E-02	475.2
155	797.5	1299.2	10.5	0.43603	0.6247E-02	1.19028	0.4200E-02	478.6
155	798.0	1300.0	10.1	0.43607	0.6329E-02	1.19017	0.4108E-02	485.5
155	798.5	1299.3	9.9	0.43601	0.6194E-02	1.19026	0.4184E-02	491.2
1	799.0	1299.0	10.0	0.43602	0.6224E-02	1.19018	0.4112E-02	494.2
155	799.5	1300.1	10.2	0.43602	0.6217E-02	1.19023	0.4154E-02	499.9
155	800.0	1299.7	10.2	0.43604	0.6261E-02	1.19027	0.4194E-02	505.3
155	800.5	1299.7	10.3	0.43605	0.6276E-02	1.19027	0.4194E-02	507.4
155	801.0	1299.3	10.3	0.43605	0.6276E-02	1.19022	0.4151E-02	513.6
155	801.5	1299.4	10.2	0.43606	0.6344E-02	1.19022	0.4151E-02	519.7
155	802.0	1299.5	10.2	0.43605	0.6291E-02	1.19022	0.4151E-02	523.6
155	802.5	1299.5	10.2	0.43605	0.6284E-02	1.19022	0.4151E-02	530.2
155	803.0	1299.2	10.2	0.43606	0.6344E-02	1.19023	0.4154E-02	535.0
155	803.5	1299.2	10.4	0.43609	0.6374E-02	1.19023	0.4158E-02	539.4
155	804.0	1299.5	9.9	0.43614	0.6480E-02	1.19019	0.4121E-02	544.3
155	804.5	1299.1	10.2	0.43615	0.6523E-02	1.19026	0.4184E-02	546.3
155	805.0	1299.3	10.2	0.43616	0.6534E-02	1.19032	0.4236E-02	552.6
155	805.5	1299.3	10.1	0.43615	0.6516E-02	1.19025	0.4171E-02	558.2
155	806.0	1299.0	10.3	0.43615	0.6508E-02	1.19021	0.4144E-02	562.9
155	806.5	1299.2	10.1	0.43619	0.6606E-02	1.19019	0.4125E-02	567.3
155	807.0	1299.0	9.9	0.43614	0.6501E-02	1.19018	0.4115E-02	574.4
155	807.5	1299.3	9.8	0.43618	0.6591E-02	1.19020	0.4125E-02	578.0
155	808.0	1299.5	10.2	0.43623	0.6710E-02	1.19017	0.4105E-02	583.4
155	808.5	1298.8	9.7	0.43620	0.6628E-02	1.19023	0.4158E-02	586.8
155	809.0	1299.1	9.8	0.43624	0.6733E-02	1.19014	0.4118E-02	593.2
155	809.5	1299.4	10.2	0.43621	0.6656E-02	1.19026	0.4184E-02	598.0
155	810.0	1299.7	10.3	0.43624	0.6733E-02	1.19024	0.4167E-02	601.0
155	810.5	1299.3	10.2	0.43623	0.6703E-02	1.19019	0.4122E-02	608.3
155	811.0	1299.7	10.4	0.43626	0.6774E-02	1.19024	0.4184E-02	612.7
155	811.5	1299.3	10.3	0.43621	0.6665E-02	1.19030	0.4213E-02	616.4
155	812.0	1298.5	10.3	0.43630	0.6652E-02	1.19020	0.4131E-02	624.2

155	812.5	1299.4	10.1	0.43628	0.6815E-02	1.19020	0.4135E-02	627.8
155	813.0	1299.3	10.0	0.43633	0.6920E-02	1.19025	0.4174E-02	632.2
155	813.5	1299.2	9.9	0.43631	0.6875E-02	1.19014	0.4085E-02	638.3
155	814.0	1299.1	10.0	0.43630	0.6867E-02	1.19020	0.4131E-02	644.0
155	814.5	1299.1	10.3	0.43631	0.6890E-02	1.19022	0.4151E-02	647.6
155	815.0	1299.3	10.3	0.43634	0.7077E-02	1.19016	0.4115E-02	652.5
155	815.5	1299.5	10.3	0.43633	0.6942E-02	1.19018	0.4118E-02	657.5
155	816.0	1299.6	10.2	0.43635	0.6972E-02	1.19021	0.4138E-02	663.2
155	816.5	1299.3	10.0	0.43636	0.7047E-02	1.19019	0.4125E-02	670.6
155	817.0	1299.1	10.2	0.43641	0.7107E-02	1.19020	0.4131E-02	670.5
155	817.5	1299.1	10.1	0.43643	0.7152E-02	1.19018	0.4118E-02	679.9
155	818.0	1299.2	10.4	0.43645	0.7204E-02	1.19020	0.4131E-02	684.0
155	818.5	1299.3	10.2	0.43641	0.7122E-02	1.19019	0.4125E-02	688.6
155	819.0	1299.8	10.1	0.43651	0.7354E-02	1.19025	0.4174E-02	693.8
155	819.5	1299.9	10.3	0.43648	0.7286E-02	1.19022	0.4146E-02	699.6
155	820.0	1299.0	10.5	0.43649	0.7301E-02	1.19017	0.4105E-02	704.3
155	820.5	1298.3	10.5	0.43656	0.7451E-02	1.19024	0.4167E-02	708.4
155	821.0	1299.1	10.2	0.43650	0.7316E-02	1.19017	0.4108E-02	714.3
155	821.5	1299.6	10.0	0.43648	0.7286E-02	1.19016	0.4099E-02	717.7
155	822.0	1299.1	10.2	0.43656	0.7473E-02	1.19010	0.4046E-02	724.5
155	822.5	1298.4	10.1	0.43658	0.7503E-02	1.19020	0.4135E-02	729.4
155	823.0	1299.7	10.2	0.43658	0.7516E-02	1.19015	0.4092E-02	732.8
155	823.5	1299.5	10.3	0.43659	0.7526E-02	1.19019	0.4122E-02	737.5
155	824.0	1299.3	10.5	0.43663	0.7633E-02	1.19019	0.4125E-02	743.1
155	824.5	1299.3	10.2	0.43666	0.7683E-02	1.19015	0.4092E-02	748.0
155	825.0	1299.4	10.5	0.43666	0.7724E-02	1.19016	0.4115E-02	753.4
155	825.5	1299.5	10.5	0.43666	0.7724E-02	1.19011	0.4059E-02	757.0
155	826.0	1299.9	10.5	0.43671	0.7818E-02	1.19012	0.4056E-02	762.1
155	826.5	1299.5	10.2	0.43672	0.7832E-02	1.19013	0.4069E-02	768.7
155	827.0	1299.8	10.4	0.43677	0.7952E-02	1.19010	0.4049E-02	772.4
155	827.5	1300.1	10.4	0.43676	0.7967E-02	1.19014	0.4079E-02	777.5
155	828.0	1299.6	10.3	0.43680	0.8005E-02	1.19014	0.4085E-02	783.9
155	828.5	1299.6	10.3	0.43682	0.8064E-02	1.19007	0.4020E-02	787.3
155	829.0	1299.5	10.4	0.43680	0.8019E-02	1.19008	0.4030E-02	793.2
155	829.5	1299.9	10.2	0.43689	0.8214E-02	1.19020	0.4128E-02	795.8
155	830.0	1299.6	10.2	0.43688	0.8207E-02	1.19006	0.4010E-02	803.4
155	830.5	1299.4	10.6	0.43686	0.8199E-02	1.19013	0.4076E-02	807.1
155	831.0	1300.3	10.5	0.43689	0.8214E-02	1.19014	0.4062E-02	812.5
155	831.5	1300.5	10.3	0.43693	0.8326E-02	1.19007	0.4026E-02	815.6
155	832.0	1300.0	10.1	0.43695	0.8344E-02	1.19007	0.4023E-02	822.5
155	832.5	1300.0	10.2	0.43701	0.8491E-02	1.19005	0.4007E-02	827.4
155	833.0	1299.2	10.2	0.43695	0.8371E-02	1.19010	0.4049E-02	830.8
155	833.5	1299.6	10.4	0.43701	0.8406E-02	1.19011	0.4056E-02	836.9
155	834.0	1299.3	10.6	0.43708	0.8663E-02	1.19007	0.4020E-02	841.5
155	834.5	1300.3	10.3	0.43710	0.8700E-02	1.19004	0.4000E-02	847.1
155	835.0	1300.2	10.8	0.43717	0.8872E-02	1.18997	0.3938E-02	851.3
155	835.5	1299.7	10.2	0.43718	0.8847E-02	1.18997	0.3941E-02	855.7
155	836.0	1299.9	10.4	0.43716	0.8857E-02	1.18995	0.3922E-02	861.3
155	836.5	1300.1	10.4	0.43724	0.8922E-02	1.18997	0.3936E-02	866.9
155	837.0	1300.0	10.1	0.43726	0.9074E-02	1.18995	0.3916E-02	873.3
155	837.5	1300.0	10.3	0.43729	0.9142E-02	1.18996	0.3944E-02	874.7
155	838.0	1300.0	10.3	0.43726	0.9082E-02	1.18997	0.3936E-02	881.6
155	838.5	1299.4	10.4	0.43731	0.9194E-02	1.18993	0.3909E-02	888.9
155	839.0	1300.6	10.2	0.43736	0.9314E-02	1.18992	0.3892E-02	892.6
155	839.5	1299.6	10.4	0.43739	0.9366E-02	1.18990	0.3876E-02	899.4
155	840.0	1300.1	10.2	0.43743	0.9463E-02	1.18990	0.3879E-02	902.3
155	840.5	1300.4	10.4	0.43746	0.9538E-02	1.18993	0.3902E-02	907.9
155	841.0	1300.1	10.1	0.43754	0.9724E-02	1.18993	0.3817E-02	914.0
155	841.5	1300.3	10.5	0.43756	0.9807E-02	1.18990	0.3797E-02	918.7
155	842.0	1300.0	10.3	0.43754	0.9822E-02	1.18990	0.3791E-02	923.5

155	842.5	1300.0	10.6	0.43763	0.0920E-02	1.18975	0.3774E-02	928.9
155	843.0	1300.3	10.0	0.43764	0.1008E-01	1.18975	0.3754E-02	935.0
155	843.5	1299.6	10.4	0.43773	0.1017E-01	1.18975	0.3764E-02	939.4
155	844.0	1299.5	10.6	0.43782	0.1035E-01	1.18979	0.3784E-02	945.1
155	844.5	1299.9	10.3	0.43783	0.1039E-01	1.18978	0.3781E-02	944.9
155	845.0	1299.7	10.5	0.43787	0.1050E-01	1.18975	0.3781E-02	955.1
155	845.5	1299.7	10.5	0.43792	0.1061E-01	1.18966	0.3673E-02	960.2
1	846.0	1299.5	10.4	0.43796	0.1073E-01	1.18964	0.3683E-02	964.1
155	846.5	1299.7	10.2	0.43801	0.1080E-01	1.18971	0.3715E-02	970.0
155	847.0	1299.9	10.3	0.43808	0.1097E-01	1.18983	0.3653E-02	975.8
155	847.5	1300.4	10.2	0.43810	0.1100E-01	1.18967	0.3682E-02	980.7
155	848.0	1300.3	10.6	0.43821	0.1125E-01	1.18957	0.3604E-02	984.1
155	848.5	1300.0	10.2	0.43827	0.1141E-01	1.18956	0.3594E-02	990.5
155	849.0	1300.0	10.6	0.43833	0.1155E-01	1.18946	0.3525E-02	993.2
155	849.5	1300.1	10.4	0.43839	0.1168E-01	1.18952	0.3555E-02	1000.2
155	850.0	1299.6	10.6	0.43841	0.1174E-01	1.18946	0.3506E-02	1005.1
155	850.5	1299.3	10.6	0.43850	0.1193E-01	1.18941	0.3463E-02	1010.3
155	851.0	1299.7	10.4	0.43857	0.1209E-01	1.18942	0.3470E-02	1014.9
155	851.5	1299.8	10.3	0.43865	0.1229E-01	1.18936	0.3424E-02	1020.5
155	852.0	1299.7	10.5	0.43867	0.1234E-01	1.18937	0.3433E-02	1025.2
155	852.5	1300.4	10.5	0.43877	0.1256E-01	1.18929	0.3365E-02	1030.8
155	853.0	1300.0	10.3	0.43879	0.1260E-01	1.18931	0.3384E-02	1035.1
155	853.5	1300.4	10.4	0.43893	0.1293E-01	1.18923	0.3316E-02	1040.0
155	854.0	1299.9	10.2	0.43900	0.1310E-01	1.18918	0.3273E-02	1046.2
155	854.5	1299.5	10.9	0.43910	0.1332E-01	1.18919	0.3280E-02	1049.6
155	855.0	1300.3	10.4	0.43917	0.1349E-01	1.18912	0.3220E-02	1054.7
155	855.5	1300.1	10.4	0.43924	0.1364E-01	1.18907	0.3178E-02	1059.1
155	856.0	1300.3	10.6	0.43937	0.1394E-01	1.18903	0.3142E-02	1065.0
155	856.5	1300.3	10.5	0.43944	0.1410E-01	1.18898	0.3103E-02	1069.4
155	857.0	1301.0	10.6	0.43953	0.1431E-01	1.18896	0.3086E-02	1074.7
155	857.5	1300.8	10.7	0.43963	0.1455E-01	1.18890	0.3001E-02	1078.9
155	858.0	1300.2	10.5	0.43974	0.1480E-01	1.18879	0.2942E-02	1085.7
155	858.5	1300.3	10.5	0.43987	0.1510E-01	1.18879	0.2945E-02	1090.4
1	859.0	1300.4	10.7	0.43994	0.1525E-01	1.18868	0.2850E-02	1095.2
155	859.5	1300.3	10.6	0.44010	0.1563E-01	1.18863	0.2808E-02	1099.6
155	860.0	1300.5	10.6	0.44022	0.1592E-01	1.18854	0.2732E-02	1105.5
155	860.5	1300.1	10.3	0.44033	0.1615E-01	1.18850	0.2700E-02	1110.4
155	861.0	1300.4	10.5	0.44049	0.1654E-01	1.18846	0.2667E-02	1115.8
155	861.5	1300.7	10.7	0.44062	0.1683E-01	1.18843	0.2641E-02	1119.2
155	862.0	1301.2	10.7	0.44075	0.1712E-01	1.18837	0.2585E-02	1125.0
155	862.5	1300.7	10.5	0.44089	0.1745E-01	1.18825	0.2483E-02	1129.4
155	863.0	1300.1	10.7	0.44105	0.1783E-01	1.18817	0.2418E-02	1134.1
155	863.5	1300.8	10.9	0.44118	0.1813E-01	1.18813	0.2385E-02	1139.2
155	864.0	1300.9	10.7	0.44133	0.1848E-01	1.18804	0.2313E-02	1145.3
155	864.5	1300.4	10.7	0.44149	0.1883E-01	1.18795	0.2231E-02	1150.9
155	865.0	1301.3	10.6	0.44164	0.1914E-01	1.18785	0.2152E-02	1154.1
155	865.5	1300.4	10.4	0.44177	0.1949E-01	1.18779	0.2100E-02	1161.2
155	866.0	1301.2	11.0	0.44192	0.1983E-01	1.18764	0.1972E-02	1165.3
155	866.5	1300.6	10.9	0.44212	0.2030E-01	1.18760	0.1936E-02	1170.2
155	867.0	1300.9	10.7	0.44226	0.2062E-01	1.18745	0.1815E-02	1175.1
155	867.5	1301.2	11.1	0.44246	0.2104E-01	1.18730	0.1687E-02	1182.2
155	868.0	1301.3	10.9	0.44267	0.2157E-01	1.18719	0.1589E-02	1187.3
155	868.5	1300.7	10.8	0.44286	0.2199E-01	1.18709	0.1510E-02	1191.9
155	869.0	1301.2	10.7	0.44311	0.2257E-01	1.18696	0.1402E-02	1197.3
155	869.5	1300.9	10.5	0.44335	0.2314E-01	1.18684	0.1297E-02	1203.9
155	870.0	1301.0	10.2	0.44359	0.2368E-01	1.18666	0.1149E-02	1208.3
155	870.5	1300.5	10.9	0.44386	0.2431E-01	1.18654	0.1045E-02	1210.5
155	871.0	1300.6	10.9	0.44403	0.2464E-01	1.18639	0.0914E-03	1213.1
155	871.5	1300.8	10.9	0.44432	0.2536E-01	1.18621	0.7866E-03	1222.2
155	872.0	1300.0	10.8	0.44459	0.2599E-01	1.18613	0.6976E-03	1230.0

155	872.5	1300.0	10.7	0.44496	0.2471E-01	1.18596	0.5045E-03	1233.7
155	873.0	1300.2	10.9	0.44511	0.2714E-01	1.18575	0.4030E-03	1237.4
155	873.5	1300.7	10.7	0.44538	0.2895E-01	1.18558	0.2320E-03	1243.0
155	874.0	1301.9	11.3	0.44583	0.2885E-01	1.18535	0.0253E-03	1247.0
155	874.5	1300.8	10.6	0.44619	0.2984E-01	1.18519	-0.9835E-04	1252.3
155	875.0	1300.3	10.9	0.44656	0.3054E-01	1.18494	-0.3047E-03	1257.4
155	875.5	1300.6	10.7	0.44682	0.3114E-01	1.18470	-0.5110E-03	1263.7
155	876.0	1301.4	11.2	0.44721	0.3284E-01	1.18449	-0.6615E-03	1268.0
155	876.5	1301.0	10.7	0.44759	0.3292E-01	1.18425	-0.8678E-03	1273.7
155	877.0	1301.8	10.7	0.44793	0.3309E-01	1.18397	-0.1124E-02	1279.1
155	877.5	1301.6	11.5	0.44835	0.3467E-01	1.18376	-0.1288E-02	1283.5

156	752.0	1299.4	11.0	0.43573	0.5232E-02	1.22199	0.4164E-02	98.2
156	752.5	1300.7	10.7	0.43579	0.5370E-02	1.22193	0.4120E-02	97.4
156	753.0	1300.5	11.1	0.43579	0.5370E-02	1.22195	0.4134E-02	98.4
156	753.5	1299.6	10.5	0.43577	0.5325E-02	1.22195	0.4161E-02	100.6
156	754.0	1300.9	10.7	0.43595	0.5497E-02	1.22193	0.4117E-02	97.7
156	754.5	1300.5	10.9	0.43578	0.5347E-02	1.22202	0.4194E-02	98.7
156	755.0	1300.0	10.7	0.43576	0.5295E-02	1.22191	0.4101E-02	97.9
156	755.5	1300.2	10.8	0.43576	0.5295E-02	1.22193	0.4123E-02	97.9
156	756.0	1299.6	11.2	0.43579	0.5377E-02	1.22198	0.4161E-02	97.9
156	756.5	1298.6	10.9	0.43574	0.5269E-02	1.22202	0.4193E-02	97.9
156	757.0	1300.4	11.1	0.43591	0.5422E-02	1.22197	0.4152E-02	91.3
156	757.5	1300.8	11.2	0.43591	0.5414E-02	1.22198	0.4161E-02	93.3
156	758.0	1300.1	11.4	0.43579	0.5370E-02	1.22196	0.4145E-02	113.8
156	758.5	1301.2	11.1	0.43585	0.5312E-02	1.22198	0.4158E-02	137.2
156	759.0	1301.4	11.0	0.43596	0.5527E-02	1.22202	0.4193E-02	161.7
156	759.5	1301.1	11.0	0.43589	0.5609E-02	1.22199	0.4165E-02	188.3
156	760.0	1300.2	10.6	0.43595	0.5497E-02	1.22197	0.4152E-02	214.2
156	760.5	1299.8	10.6	0.43589	0.5609E-02	1.22198	0.4156E-02	239.3
156	761.0	1299.6	11.3	0.43589	0.5601E-02	1.22200	0.4174E-02	265.9
156	761.5	1301.1	10.7	0.43588	0.5572E-02	1.22201	0.4187E-02	291.6
156	762.0	1299.7	11.3	0.43593	0.5699E-02	1.21148	0.4466E-02	318.2
156	762.5	1301.0	11.0	0.43596	0.5751E-02	1.22198	0.4161E-02	345.5
156	763.0	1300.7	11.1	0.43595	0.5744E-02	1.22196	0.4158E-02	371.9
156	763.5	1299.9	11.1	0.43601	0.5886E-02	1.22195	0.4134E-02	399.8
156	764.0	1300.5	11.2	0.43598	0.5818E-02	1.22206	0.4228E-02	425.9
156	764.5	1300.5	11.4	0.43596	0.5766E-02	1.22196	0.4149E-02	453.2
156	765.0	1299.9	11.3	0.43604	0.5953E-02	1.22201	0.4187E-02	478.4
156	765.5	1299.8	11.8	0.43609	0.6065E-02	1.22196	0.4142E-02	507.0
156	766.0	1299.5	11.1	0.43611	0.6117E-02	1.22200	0.4174E-02	534.1
156	766.5	1300.0	11.0	0.43611	0.6102E-02	1.22200	0.4174E-02	56.4
156	767.0	1300.1	11.2	0.43608	0.6043E-02	1.22202	0.4190E-02	588.5
156	767.5	1299.8	11.6	0.43614	0.6170E-02	1.22199	0.4161E-02	615.6
156	768.0	1299.4	10.6	0.43618	0.6267E-02	1.22193	0.4120E-02	644.0
156	768.5	1299.5	11.0	0.43616	0.6215E-02	1.22198	0.4158E-02	672.0
156	769.0	1300.2	11.0	0.43623	0.6344E-02	1.22190	0.4094E-02	698.7
156	769.5	1300.0	11.2	0.43613	0.6162E-02	1.22196	0.4145E-02	726.5
156	770.0	1299.8	11.4	0.43629	0.6514E-02	1.22193	0.4123E-02	754.1
156	770.5	1298.5	11.8	0.43627	0.6476E-02	1.22190	0.4094E-02	781.7
156	771.0	1299.0	11.3	0.43632	0.6581E-02	1.22197	0.4155E-02	806.6
156	771.5	1296.7	11.6	0.43641	0.6805E-02	1.22191	0.4101E-02	836.6
156	772.0	1298.6	11.7	0.43639	0.6761E-02	1.22195	0.4136E-02	863.0
156	772.5	1299.6	11.5	0.43645	0.6895E-02	1.22191	0.4101E-02	894.5
156	773.0	1299.0	11.7	0.43650	0.7015E-02	1.22186	0.4075E-02	921.6
156	773.5	1298.6	11.5	0.43653	0.7075E-02	1.22183	0.4075E-02	949.7
156	774.0	1298.8	11.3	0.43663	0.7307E-02	1.22185	0.4056E-02	978.3
156	774.5	1298.6	11.6	0.43676	0.7598E-02	1.22175	0.3995E-02	1006.1
156	775.0	1298.4	11.4	0.43686	0.7837E-02	1.22174	0.3960E-02	1032.7
156	775.5	1299.3	11.7	0.43690	0.7927E-02	1.22179	0.4002E-02	1062.3
156	776.0	1298.0	11.7	0.43701	0.8182E-02	1.22169	0.3922E-02	1090.4
156	776.5	1298.8	12.0	0.43712	0.8436E-02	1.22158	0.3829E-02	1116.7
156	777.0	1298.2	11.7	0.43723	0.8683E-02	1.22156	0.3817E-02	1145.5
156	777.5	1299.1	11.5	0.43740	0.9079E-02	1.22143	0.3708E-02	1171.7
156	778.0	1298.6	12.2	0.43747	0.9251E-02	1.22141	0.3692E-02	1201.7
156	778.5	1298.6	11.5	0.43760	0.9535E-02	1.22122	0.3536E-02	1229.8
156	779.0	1299.8	11.6	0.43786	0.1013E-01	1.22102	0.3376E-02	1258.1
156	779.5	1298.8	11.8	0.43812	0.1074E-01	1.22099	0.3347E-02	1280.7
156	780.0	1297.4	12.1	0.43838	0.1134E-01	1.22075	0.3153E-02	1314.3
156	780.5	1298.6	11.8	0.43868	0.1203E-01	1.22057	0.3003E-02	1342.1
156	781.0	1298.7	12.1	0.43908	0.1295E-01	1.22027	0.2757E-02	1370.7
156	781.5	1298.5	12.0	0.43960	0.1416E-01	1.21989	0.2444E-02	1390.0

156	782.0	1298.4	12.5	0.44018	0.1550E-01	1.21948	0.2106E-02	1420.1
156	782.5	1298.7	12.5	0.44056	0.1705E-01	1.21901	0.1717E-02	1453.7
156	783.0	1298.6	12.6	0.44153	0.1861E-01	1.21844	0.1251E-02	1482.4
156	783.5	1298.4	12.2	0.44240	0.2082E-01	1.21785	0.7092E-03	1514.3
156	784.0	1298.2	13.2	0.44319	0.2232E-01	1.21713	0.1723E-03	1541.4
156	784.5	1299.3	12.0	0.44402	0.2527E-01	1.21621	-0.5007E-03	1567.4
156	785.0	1299.4	13.2	0.44546	0.2767E-01	1.21522	-0.1340E-02	1598.0
156	785.5	1299.1	13.1	0.44754	0.3245E-01	1.21398	-0.2412E-02	1626.1
156	786.0	1298.9	13.8	0.44935	0.3665E-01	1.19420	-0.1866E-01	1656.9
156	786.5	1299.2	13.3	0.45154	0.4170E-01	1.21107	-0.4006E-02	1685.2
156	787.0	1300.0	14.2	0.45462	0.4681E-01	1.20911	-0.6417E-02	1715.8
156	787.5	1300.2	14.5	0.45599	0.5195E-01	1.20674	-0.8364E-02	1743.1
156	788.0	1301.1	15.3	-9.99900	-0.9999E+04	1.20384	-0.1074E-01	1775.6
156	788.5	1301.2	16.1	-9.99900	-0.9999E+04	1.20025	-0.1370E-01	1800.5
156	789.0	1302.6	16.9	-9.99900	-0.9999E+04	1.19541	-0.1767E-01	1829.8
156	789.5	1303.7	18.1	-9.99900	-0.9999E+04	1.19072	-0.2152E-01	1856.9
156	790.0	1305.2	20.7	0.49317	0.1377E+00	-9.99900	-0.9999E+04	1881.6
156	790.5	1306.0	25.4	0.50108	0.1560E+00	-9.99900	-0.9999E+04	1916.0

157	694.0	1499.8	11.6	0.43683	0.7032E-02	1.21916	0.6715E-02	44.7
157	694.5	1499.8	11.4	0.43672	0.7077E-02	1.21919	0.6737E-02	44.3
157	695.0	1499.9	11.7	0.43680	0.6957E-02	1.21914	0.6692E-02	46.6
157	695.5	1499.8	11.6	0.43681	0.6987E-02	1.21916	0.6727E-02	44.9
157	696.0	1499.6	12.0	0.43678	0.6905E-02	1.21918	0.6727E-02	43.2
157	696.5	1500.0	12.3	0.43682	0.7017E-02	1.21925	0.6782E-02	42.7
157	697.0	1499.7	12.0	0.43682	0.7017E-02	1.21926	0.6792E-02	41.8
157	697.5	1500.0	12.4	0.43680	0.6972E-02	1.21922	0.6760E-02	42.7
157	698.0	1499.9	12.1	0.43679	0.6926E-02	1.21914	0.6695E-02	43.0
157	698.5	1499.6	12.3	0.43682	0.7002E-02	1.21917	0.6721E-02	45.9
157	699.0	1499.4	12.1	0.43676	0.6860E-02	1.21927	0.6801E-02	50.1
157	699.5	1499.5	12.2	0.43684	0.7047E-02	1.21916	0.6708E-02	55.2
157	700.0	1499.3	12.1	0.43684	0.7054E-02	1.21921	0.6750E-02	58.9
157	700.5	1500.0	12.2	0.43685	0.7069E-02	1.21920	0.6740E-02	65.2
157	701.0	1500.3	12.3	0.43682	0.7010E-02	1.21920	0.6747E-02	67.2
157	701.5	1499.7	12.0	0.43682	0.7017E-02	1.21922	0.6760E-02	71.3
157	702.0	1499.2	11.9	0.43689	0.7174E-02	1.21917	0.6715E-02	77.9
157	702.5	1500.8	12.2	0.43687	0.7114E-02	1.21919	0.6734E-02	82.1
157	703.0	1498.9	11.7	0.43685	0.7084E-02	1.21926	0.6792E-02	87.2
157	703.5	1499.5	12.1	0.43691	0.7211E-02	1.21930	0.6824E-02	91.8
157	704.0	1500.0	12.1	0.43684	0.7055E-02	1.21932	0.6846E-02	94.7
157	704.5	1500.7	12.1	0.43694	0.7294E-02	1.21930	0.6830E-02	99.1
157	705.0	1499.9	12.0	0.43690	0.7189E-02	1.21930	0.6827E-02	103.3
157	705.5	1499.7	12.1	0.43688	0.7137E-02	1.21935	0.6865E-02	107.9
157	706.0	1500.3	12.2	0.43683	0.7032E-02	1.21931	0.6833E-02	114.3
157	706.5	1500.9	12.2	0.43690	0.7182E-02	1.21927	0.6798E-02	117.9
157	707.0	1499.7	11.8	0.43694	0.7279E-02	1.21934	0.6862E-02	119.9
157	707.5	1500.4	12.3	0.43693	0.7271E-02	1.21930	0.6827E-02	125.5
157	708.0	1500.1	12.0	0.43700	0.7428E-02	1.21936	0.6878E-02	131.1
157	708.5	1500.1	12.0	0.43701	0.7443E-02	1.21932	0.6846E-02	136.5
157	709.0	1499.9	12.0	0.43701	0.7430E-02	1.21932	0.6840E-02	140.4
157	709.5	1500.3	11.9	0.43708	0.7615E-02	1.21932	0.6846E-02	143.8
157	710.0	1500.0	11.9	0.43699	0.7398E-02	1.21937	0.6868E-02	150.9
157	710.5	1500.4	12.3	0.43701	0.7443E-02	1.21937	0.6885E-02	156.0
157	711.0	1499.7	12.1	0.43707	0.7585E-02	1.21934	0.6862E-02	160.9
157	711.5	1500.9	12.4	0.43710	0.7660E-02	1.21939	0.6901E-02	165.1
157	712.0	1500.7	12.0	0.43709	0.7622E-02	1.21937	0.6888E-02	170.7
157	712.5	1500.7	12.2	0.43720	0.7684E-02	1.21934	0.6862E-02	174.4
157	713.0	1500.1	12.1	0.43712	0.7705E-02	1.21936	0.6876E-02	178.8
157	713.5	1500.5	12.0	0.43711	0.7675E-02	1.21941	0.6920E-02	185.6
157	714.0	1500.0	12.3	0.43714	0.7750E-02	1.21936	0.6875E-02	188.5
157	714.5	1500.4	12.4	0.43720	0.7877E-02	1.21938	0.6894E-02	193.7
157	715.0	1500.0	12.2	0.43719	0.7862E-02	1.21934	0.6862E-02	197.3
157	715.5	1500.5	12.2	0.43725	0.7946E-02	1.21932	0.6846E-02	204.9
157	716.0	1500.7	12.2	0.43719	0.7862E-02	1.21937	0.6888E-02	209.3
157	716.5	1500.1	12.0	0.43729	0.8101E-02	1.21930	0.6827E-02	214.2
157	717.0	1500.4	12.1	0.43732	0.8153E-02	1.21941	0.6913E-02	218.6
157	717.5	1500.2	12.4	0.43728	0.8071E-02	1.21944	0.6946E-02	224.9
157	718.0	1500.2	12.0	0.43733	0.8176E-02	1.21937	0.6885E-02	227.8
157	718.5	1500.2	12.2	0.43734	0.8205E-02	1.21938	0.6894E-02	232.2
157	719.0	1500.7	12.3	0.43732	0.8161E-02	1.21940	0.6907E-02	238.6
157	719.5	1500.9	12.2	0.43737	0.8265E-02	1.21939	0.6904E-02	244.7
157	720.0	1500.8	12.2	0.43734	0.8213E-02	1.21939	0.6897E-02	248.6
157	720.5	1500.9	12.3	0.43737	0.8280E-02	1.21944	0.6939E-02	255.4
157	721.0	1500.9	12.2	0.43748	0.8527E-02	1.21944	0.6946E-02	260.1
157	721.5	1500.4	12.1	0.43753	0.8554E-02	1.21935	0.6864E-02	266.2
157	722.0	1500.3	12.5	0.43753	0.8546E-02	1.21942	0.6926E-02	269.4
157	722.5	1500.0	12.2	0.43753	0.8639E-02	1.21942	0.6929E-02	275.0
157	723.0	1500.7	12.2	0.43754	0.8676E-02	1.21937	0.6886E-02	278.4
157	723.5	1499.8	12.3	0.43765	0.8930E-02	1.21941	0.6920E-02	285.2

157	724.0	1500.6	12.1	0.43774	0.8893E-02	1.21726	0.6795E-02	290.4
157	724.5	1500.4	12.0	0.43772	0.9087E-02	1.21942	0.6923E-02	295.0
157	725.0	1500.3	12.0	0.43769	0.9012E-02	1.21938	0.6891E-02	298.9
157	725.5	1500.3	12.0	0.43775	0.9177E-02	1.21930	0.6876E-02	303.5
157	726.0	1500.2	12.0	0.43776	0.9149E-02	1.21941	0.6917E-02	310.4
157	726.5	1500.5	12.0	0.43784	0.9358E-02	1.21942	0.6926E-02	313.4
157	727.0	1500.7	12.0	0.43784	0.9349E-02	1.21942	0.6926E-02	320.1
157	727.5	1500.7	12.0	0.43790	0.9491E-02	1.21936	0.6875E-02	326.5
157	728.0	1501.0	12.1	0.43794	0.9595E-02	1.21942	0.6929E-02	331.4
157	728.5	1500.7	12.2	0.43800	0.9722E-02	1.21941	0.6920E-02	336.8
157	729.0	1500.8	12.4	0.43800	0.9730E-02	1.21940	0.6907E-02	341.6
157	729.5	1500.7	12.2	0.43905	0.9842E-02	1.21943	0.6933E-02	344.9
157	730.0	1500.6	12.0	0.43509	0.9924E-02	1.21939	0.6901E-02	350.7
157	730.5	1500.0	12.3	0.43617	0.1013E-01	1.21934	0.6862E-02	356.0
157	731.0	1500.8	12.3	0.43821	0.1020E-01	1.21929	0.6821E-02	361.2
157	731.5	1500.4	12.2	0.43818	0.1015E-01	1.21937	0.6881E-02	367.5
157	732.0	1501.1	12.4	0.43833	0.1050E-01	1.21932	0.6840E-02	373.1
157	732.5	1500.0	12.2	0.43838	0.1060E-01	1.21930	0.6830E-02	377.0
157	733.0	1500.8	12.2	0.43836	0.1060E-01	1.21936	0.6907E-02	381.9
157	733.5	1500.2	12.3	0.43849	0.1085E-01	1.21929	0.6811E-02	388.5
157	734.0	1500.7	11.9	0.43855	0.1094E-01	1.21923	0.6769E-02	392.2
157	734.5	1500.7	12.1	0.43857	0.1103E-01	1.21926	0.6775E-02	396.8
157	735.0	1500.6	11.9	0.43863	0.1117E-01	1.21927	0.6796E-02	402.0
157	735.5	1500.7	12.1	0.43874	0.1143E-01	1.21922	0.6756E-02	407.1
157	736.0	1500.9	12.2	0.43880	0.1158E-01	1.21916	0.6715E-02	414.7
157	736.5	1500.9	11.9	0.43891	0.1183E-01	1.21924	0.6779E-02	418.8
157	737.0	1500.4	12.3	0.43890	0.1180E-01	1.21915	0.6699E-02	424.4
157	737.5	1500.5	12.1	0.43908	0.1221E-01	1.21914	0.6695E-02	429.5
157	738.0	1501.4	12.3	0.43908	0.1221E-01	1.21910	0.6660E-02	434.2
157	738.5	1501.6	12.4	0.43911	0.1229E-01	1.21915	0.6699E-02	440.8
157	739.0	1501.2	12.4	0.43916	0.1246E-01	1.21909	0.6625E-02	445.2
157	739.5	1501.3	12.3	0.43932	0.1270E-01	1.21899	0.6570E-02	447.9
157	740.0	1500.8	12.5	0.43944	0.1304E-01	1.21902	0.6596E-02	456.2
157	740.5	1501.5	12.1	0.43948	0.1313E-01	1.21894	0.6532E-02	461.5
157	741.0	1501.3	12.3	0.43959	0.1339E-01	1.21890	0.6493E-02	463.5
157	741.5	1500.8	12.3	0.43966	0.1356E-01	1.21883	0.6439E-02	468.1
157	742.0	1501.1	12.2	0.43976	0.1384E-01	1.21884	0.6449E-02	474.7
157	742.5	1501.0	12.6	0.43983	0.1394E-01	1.21871	0.6336E-02	481.1
157	743.0	1500.8	12.4	0.43999	0.1432E-01	1.21871	0.6340E-02	485.7
157	743.5	1500.4	12.4	0.44011	0.1454E-01	1.21864	0.6285E-02	489.4
157	744.0	1500.7	12.4	0.44031	0.1505E-01	1.21856	0.6218E-02	496.2
157	744.5	1500.7	12.4	0.44041	0.1529E-01	1.21854	0.6202E-02	501.6
157	745.0	1500.4	12.5	0.44046	0.1541E-01	1.21849	0.6157E-02	506.0
157	745.5	1500.3	12.7	0.44066	0.1585E-01	1.21838	0.6064E-02	513.3
157	746.0	1499.8	12.3	0.44078	0.1613E-01	1.21829	0.5990E-02	518.2
157	746.5	1500.5	12.7	0.44088	0.1637E-01	1.21821	0.5929E-02	521.9
157	747.0	1500.4	12.7	0.44100	0.1665E-01	1.21814	0.5871E-02	528.2
157	747.5	1500.5	12.7	0.44123	0.1717E-01	1.21802	0.5766E-02	532.4
157	748.0	1500.3	12.4	0.44136	0.1747E-01	1.21795	0.5705E-02	538.7
157	748.5	1501.4	12.7	0.44156	0.1794E-01	1.21784	0.5618E-02	543.8
157	749.0	1500.2	12.5	0.44168	0.1820E-01	1.21779	0.5575E-02	548.7
157	749.5	1500.2	12.5	0.44197	0.1866E-01	1.21760	0.5419E-02	551.9
157	750.0	1501.0	12.8	0.44211	0.1920E-01	1.21753	0.5365E-02	559.2
157	750.5	1501.1	12.7	0.44231	0.1966E-01	1.21737	0.5236E-02	563.5
157	751.0	1500.4	12.8	0.44252	0.2015E-01	1.21722	0.5105E-02	569.0
157	751.5	1500.8	12.6	0.44243	0.1994E-01	1.21700	0.4929E-02	575.3
157	752.0	1500.6	12.7	0.44305	0.2136E-01	1.21686	0.4810E-02	580.2
157	752.5	1500.9	12.8	0.44324	0.2181E-01	1.21666	0.4643E-02	583.9
157	753.0	1501.3	12.5	0.44349	0.2239E-01	1.21650	0.4512E-02	589.5
157	753.5	1501.7	12.6	0.44375	0.2298E-01	1.21627	0.4326E-02	594.4

157	754.0	1501.4	12.8	0.44437	0.2373E-01	1.21602	0.4117E-02	600.7
157	754.5	1502.0	12.8	0.44424	0.2421E-01	1.21561	0.3944E-02	604.9
157	755.0	1501.5	12.7	0.44401	0.2436E-01	1.21553	0.3710E-02	609.8
157	755.5	1501.7	12.7	0.44374	0.2559E-01	1.21521	0.3450E-02	610.1
157	756.0	1501.3	12.8	0.44524	0.2602E-01	1.21494	0.3223E-02	622.2
157	756.5	1501.3	12.9	0.44543	0.2732E-01	1.21458	0.2925E-02	627.6
157	757.0	1501.5	12.9	0.44601	0.2819E-01	1.21416	0.2561E-02	630.0
157	757.5	1502.2	13.1	0.44614	0.2919E-01	1.21373	0.2229E-02	635.7
157	758.0	1501.9	13.2	0.44634	0.3011E-01	1.21328	0.1857E-02	641.5
157	758.5	1502.0	13.0	0.44726	0.3107E-01	1.21281	0.1465E-02	645.2
157	759.0	1501.3	12.9	0.44773	0.3216E-01	1.21216	0.9331E-03	650.8
157	759.5	1500.9	13.2	0.44813	0.3308E-01	1.21144	0.3399E-03	654.9
157	760.0	1500.7	13.2	0.44872	0.3445E-01	1.21063	-0.3302E-03	661.1
157	760.5	1500.8	13.4	0.44924	0.3564E-01	1.20967	-0.1126E-02	666.2
157	761.0	1501.5	13.5	0.44978	0.3688E-01	1.20836	-0.2204E-02	671.1
157	761.5	1501.5	13.7	0.45035	0.3820E-01	1.20629	-0.3919E-02	675.7
157	762.0	1500.8	13.6	0.45009	0.3759E-01	1.20102	-0.2266E-02	678.9
157	762.5	1427.1	13.8	0.44987	0.3710E-01	1.21758	0.5406E-02	666.4
157	763.0	1321.0	13.5	0.44959	0.3645E-01	1.21682	0.4774E-02	661.8
157	763.5	1243.5	12.9	0.44947	0.3617E-01	1.21624	0.4297E-02	674.9
157	764.0	1244.6	11.5	0.44941	0.3604E-01	1.21551	0.3694E-02	708.7
157	764.5	1304.3	11.8	0.44941	0.3602E-01	1.21583	0.3957E-02	706.7
157	765.0	1358.3	11.5	0.44944	0.3611E-01	1.21602	0.4117E-02	707.7
157	765.5	1393.6	11.8	0.44934	0.3587E-01	1.21617	0.4234E-02	706.2
157	766.0	1418.9	11.8	0.44946	0.3614E-01	1.21631	0.4354E-02	705.0
157	766.5	1434.0	12.2	0.44944	0.3609E-01	1.21639	0.4425E-02	705.7
157	767.0	1445.0	12.2	0.44951	0.3626E-01	1.21641	0.4438E-02	703.1
157	767.5	1454.3	12.1	0.44955	0.3635E-01	1.21642	0.4611E-02	707.0
157	768.0	1460.9	11.9	0.44957	0.3641E-01	1.21657	0.4656E-02	703.8
157	768.5	1466.4	12.2	0.44948	0.3618E-01	1.21670	0.4682E-02	706.0
157	769.0	1470.2	12.3	0.44956	0.3636E-01	1.21665	0.4637E-02	705.3
157	769.5	1472.5	12.4	0.44959	0.3644E-01	1.21668	0.4662E-02	706.0
157	770.0	1474.8	12.3	0.44951	0.3626E-01	1.21676	0.4733E-02	704.8
157	770.5	1477.2	12.3	0.44940	0.3621E-01	1.21673	0.4707E-02	705.5
157	771.0	1479.4	12.4	0.44949	0.3621E-01	1.21679	0.4752E-02	706.0
157	771.5	1480.5	12.5	0.44944	0.3609E-01	1.21679	0.4752E-02	705.7
157	772.0	1481.7	11.9	0.44943	0.3620E-01	1.21646	0.4610E-02	705.0
157	772.5	1483.9	12.2	0.44955	0.3636E-01	1.21685	0.4803E-02	705.7
157	773.0	1483.6	12.1	0.44935	0.3549E-01	1.21677	0.4739E-02	704.5
157	773.5	1485.3	12.2	0.44935	0.3590E-01	1.21690	0.4646E-02	704.0
157	774.0	1485.8	12.0	0.44941	0.3600E-01	1.21684	0.4797E-02	704.0
157	774.5	1486.8	12.6	0.44944	0.3609E-01	1.21631	0.4771E-02	704.5
157	775.0	1487.1	12.3	0.44937	0.3593E-01	1.21682	0.4770E-02	704.8
157	775.5	1487.9	12.3	0.44950	0.3624E-01	1.21685	0.4603E-02	704.0

158	586.5	1500.0	11.8	0.43638	0.6738E-02	1.21310	0.5252E-02	44.8
158	587.0	1500.2	11.4	0.43641	0.6790E-02	1.21314	0.5247E-02	50.3
158	587.5	1501.1	11.6	0.43640	0.6768E-02	1.21315	0.5294E-02	47.9
158	588.0	1500.4	12.0	0.43639	0.6753E-02	1.21317	0.5310E-02	46.4
158	588.5	1500.4	11.5	0.43639	0.6761E-02	1.21314	0.5244E-02	49.3
158	589.0	1501.2	12.0	0.43636	0.6731E-02	1.21313	0.5276E-02	46.2
158	589.5	1501.3	12.1	0.43639	0.6753E-02	1.21314	0.5284E-02	47.1
158	590.0	1501.5	12.0	0.43640	0.6764E-02	1.21319	0.5329E-02	45.7
158	590.5	1501.2	11.8	0.43641	0.6805E-02	1.21314	0.5329E-02	49.1
158	591.0	1501.9	12.0	0.43641	0.6805E-02	1.21316	0.5300E-02	60.3
158	591.5	1501.2	11.8	0.43641	0.6805E-02	1.21312	0.5271E-02	72.8
158	592.0	1500.7	11.8	0.43641	0.6790E-02	1.21314	0.5284E-02	64.7
158	592.5	1500.9	11.9	0.43645	0.6903E-02	1.21316	0.5300E-02	95.7
158	593.0	1500.8	11.4	0.43646	0.6910E-02	1.21315	0.5297E-02	108.9
158	593.5	1500.5	11.8	0.43647	0.6940E-02	1.21320	0.5332E-02	122.3
158	594.0	1500.0	11.8	0.43647	0.6933E-02	1.21320	0.5332E-02	134.6
158	594.5	1500.1	12.0	0.43649	0.6992E-02	1.21317	0.5313E-02	148.2
158	595.0	1500.4	11.8	0.43643	0.6162E-02	1.21316	0.5303E-02	163.1
158	595.5	1500.9	12.1	0.43651	0.7030E-02	1.21316	0.5303E-02	174.6
158	596.0	1500.5	11.6	0.43652	0.7052E-02	1.21317	0.5310E-02	189.7
158	596.5	1499.8	11.8	0.43652	0.7045E-02	1.21313	0.5261E-02	201.5
158	597.0	1499.6	12.1	0.43656	0.7149E-02	1.21317	0.5310E-02	212.9
158	597.5	1499.6	11.6	0.43657	0.7164E-02	1.21322	0.5344E-02	224.4
158	598.0	1499.9	11.6	0.43660	0.7239E-02	1.21316	0.5314E-02	240.3
158	598.5	1500.0	11.9	0.43661	0.7254E-02	1.21318	0.5316E-02	254.0
158	599.0	1499.6	11.7	0.43664	0.7321E-02	1.21318	0.5323E-02	267.6
158	599.5	1499.6	12.2	0.43666	0.7381E-02	1.21316	0.5303E-02	282.3
158	600.0	1500.2	12.0	0.43668	0.7419E-02	1.21317	0.5313E-02	296.7
158	600.5	1499.9	12.3	0.43671	0.7493E-02	1.21317	0.5310E-02	308.9
158	601.0	1500.4	12.0	0.43674	0.7553E-02	1.21317	0.5313E-02	323.1
158	601.5	1501.4	12.4	0.43676	0.7598E-02	1.21318	0.5323E-02	335.3
158	602.0	1500.4	11.8	0.43681	0.7713E-02	1.21316	0.5303E-02	350.7
158	602.5	1500.4	11.8	0.43684	0.7793E-02	1.21315	0.5290E-02	363.1
158	603.0	1500.2	11.9	0.43686	0.7830E-02	1.21319	0.5329E-02	378.0
158	603.5	1500.7	11.8	0.43689	0.7912E-02	1.21321	0.5342E-02	391.2
158	604.0	1500.6	11.8	0.43693	0.7995E-02	1.21317	0.5313E-02	405.9
158	604.5	1501.4	12.1	0.43698	0.8122E-02	1.21315	0.5290E-02	418.6
158	605.0	1499.7	11.8	0.43705	0.8271E-02	1.21313	0.5281E-02	434.2
158	605.5	1501.8	12.0	0.43711	0.8413E-02	1.21314	0.5284E-02	445.7
158	606.0	1501.9	12.1	0.43715	0.8496E-02	1.21311	0.5258E-02	460.3
158	606.5	1500.8	12.0	0.43720	0.8623E-02	1.21311	0.5265E-02	474.7
158	607.0	1500.1	12.0	0.43730	0.8855E-02	1.21310	0.5249E-02	487.2
158	607.5	1501.0	12.1	0.43735	0.8974E-02	1.21305	0.5210E-02	502.6
158	608.0	1501.0	12.2	0.43744	0.9184E-02	1.21302	0.5187E-02	518.7
158	608.5	1500.6	12.1	0.43755	0.9423E-02	1.21301	0.5178E-02	532.4
158	609.0	1500.5	12.0	0.43766	0.9685E-02	1.21292	0.5104E-02	546.0
158	609.5	1500.4	12.2	0.43778	0.9969E-02	1.21289	0.5076E-02	562.1
158	610.0	1500.1	12.3	0.43792	0.1026E-01	1.21281	0.5014E-02	573.6
158	610.5	1500.3	11.8	0.43806	0.1060E-01	1.21272	0.4930E-02	588.5
158	611.0	1500.9	12.5	0.43822	0.1096E-01	1.21264	0.4872E-02	600.5
158	611.5	1501.0	12.1	0.43834	0.1137E-01	1.21254	0.4788E-02	616.8
158	612.0	1501.2	12.5	0.43859	0.1173E-01	1.21245	0.4712E-02	631.3
158	612.5	1501.8	12.5	0.43881	0.1234E-01	1.21230	0.4592E-02	643.5
158	613.0	1500.1	12.1	0.43905	0.1290E-01	1.21218	0.4492E-02	659.1
158	613.5	1500.5	11.9	0.43928	0.1342E-01	1.21197	0.4315E-02	673.7
158	614.0	1500.5	12.3	0.43960	0.1415E-01	1.21179	0.4167E-02	685.7
158	614.5	1500.9	12.5	0.43993	0.1491E-01	1.21158	0.3997E-02	702.2
158	615.0	1500.9	12.8	0.44029	0.1575E-01	1.21131	0.3763E-02	715.3
158	615.5	1500.8	12.6	0.44074	0.1660E-01	1.21102	0.3527E-02	731.9
158	616.0	1500.7	12.4	0.44118	0.1781E-01	1.21075	0.3302E-02	745.5

158	616.5	1501.1	12.8	0.44171	0.1903E-01	1.21035	0.2410E-02	754.8
158	617.0	1499.4	12.7	0.44232	0.2043E-01	1.20994	0.2536E-02	770.9
158	617.5	1500.6	13.0	0.44297	0.2193E-01	1.20993	0.2208E-02	784.4
158	618.0	1500.5	13.1	0.44374	0.2371E-01	1.20891	0.1790E-02	800.5
158	618.5	1500.6	12.7	0.44453	0.2552E-01	1.20828	0.1262E-02	815.4
158	619.0	1501.5	13.1	0.44545	0.2760E-01	1.20758	0.6823E-03	829.8
158	619.5	1501.2	13.3	0.44645	0.3004E-01	1.20675	-0.9610E-05	845.9
158	620.0	1501.7	13.4	0.44768	0.3279E-01	1.20574	-0.8496E-03	859.6
158	620.5	1501.8	13.6	0.44901	0.3586E-01	1.20452	-0.1776E-02	871.3
158	621.0	1502.4	13.8	0.45050	0.3930E-01	1.20323	-0.2926E-02	883.8
158	621.5	1502.7	14.1	0.45232	0.4350E-01	1.20156	-0.4309E-02	899.1
158	622.0	1502.7	14.7	0.45429	0.4805E-01	1.19926	-0.6217E-02	913.3
158	622.5	1502.7	15.2	0.45660	0.5334E-01	1.19600	-0.8917E-02	929.7
158	623.0	1490.3	15.6	0.45846	0.5766E-01	1.19190	-0.2069E-01	919.7
158	623.5	1484.3	13.4	0.45536	0.5052E-01	1.18624	-0.1701E-01	930.2
158	624.0	1463.7	11.2-9.99900	-0.9999E+04	1.19044	-0.1353E-01	-0.1353E-01	947.3
158	624.5	1453.3	10.6	0.45602	0.5205E-01	1.19061	-0.1338E-01	945.1
158	625.0	1449.5	10.7	0.45636	0.5281E-01	1.19049	-0.1349E-01	943.9
158	625.5	1451.8	10.9	0.45657	0.5331E-01	1.19061	-0.1338E-01	943.9
158	626.0	1455.1	10.9-9.99900	-0.9999E+04	1.19061	-0.1338E-01	-0.1338E-01	942.4
158	626.5	1460.1	10.7-9.99900	-0.9999E+04	1.19074	-0.1327E-01	-0.1327E-01	941.2
158	627.0	1463.9	11.1	0.45630	0.5268E-01	1.19075	-0.1326E-01	941.0
158	627.5	1469.4	11.3-9.99900	-0.9999E+04	1.19081	-0.1322E-01	-0.1322E-01	940.0
158	628.0	1474.2	11.2-9.99900	-0.9999E+04	1.19080	-0.1323E-01	-0.1323E-01	940.7
158	628.5	1477.5	11.3-9.99900	-0.9999E+04	1.19084	-0.1319E-01	-0.1319E-01	941.7
158	629.0	1460.9	10.9-9.99900	-0.9999E+04	1.19086	-0.1317E-01	-0.1317E-01	940.0
158	629.5	1483.2	10.9-9.99900	-0.9999E+04	1.19097	-0.1309E-01	-0.1309E-01	942.7
158	630.0	1485.4	11.2	0.45646	0.5306E-01	1.19105	-0.1302E-01	978.5
158	630.5	1487.4	11.2	0.45643	0.5299E-01	1.19102	-0.1305E-01	980.5
158	631.0	1489.2	11.1-9.99900	-0.9999E+04	1.19103	-0.1303E-01	-0.1303E-01	981.4
158	631.5	1490.8	11.1-9.99900	-0.9999E+04	1.19106	-0.1301E-01	-0.1301E-01	981.7
158	632.0	1491.5	11.2	0.45634	0.5277E-01	1.19111	-0.1297E-01	980.5
158	632.5	1492.5	11.4-9.99900	-0.9999E+04	1.19117	-0.1292E-01	-0.1292E-01	981.7
158	633.0	1493.7	11.4	0.45653	0.5322E-01	1.19124	-0.1287E-01	960.0
158	633.5	1494.2	11.4-9.99900	-0.9999E+04	1.19113	-0.1295E-01	-0.1295E-01	980.5
158	634.0	1495.2	11.1	0.45637	0.5286E-01	1.19120	-0.1289E-01	980.5
158	634.5	1495.9	11.3-9.99900	-0.9999E+04	1.19116	-0.1293E-01	-0.1293E-01	979.0
158	635.0	1496.5	11.2	0.45653	0.5322E-01	1.19120	-0.1290E-01	979.2
158	635.5	1497.5	11.2	0.45676	0.5376E-01	1.19137	-0.1275E-01	981.0
158	636.0	1497.9	11.3-9.99900	-0.9999E+04	1.19132	-0.1279E-01	-0.1279E-01	980.0

159	913.5	1299.5	5.4	0.43613	0.4127E-02	1.20551	0.1035E-02	112.3
159	914.0	1298.8	5.8	0.43621	0.4306E-02	1.20551	0.9545E-03	111.8
159	914.5	1299.0	5.5	0.43617	0.4220E-02	1.20556	0.9432E-03	110.9
159	915.0	1298.8	5.5	0.43619	0.4269E-02	1.20557	0.1003E-02	112.4
159	915.5	1299.6	5.5	0.43620	0.4220E-02	1.20566	0.1080E-02	102.3
159	916.0	1300.2	5.7	0.43624	0.4384E-02	1.20562	0.1046E-02	103.6
159	916.5	1300.0	5.7	0.43621	0.4306E-02	1.20559	0.1022E-02	103.8
159	917.0	1299.5	5.8	0.43620	0.4291E-02	1.20556	0.9432E-03	102.4
159	917.5	1299.4	6.0	0.43622	0.4336E-02	1.20560	0.1025E-02	108.4
159	918.0	1299.3	5.5	0.43624	0.4381E-02	1.20562	0.1048E-02	114.3
159	918.5	1300.0	5.6	0.43625	0.4403E-02	1.20562	0.1048E-02	118.4
159	919.0	1299.5	6.0	0.43625	0.4396E-02	1.20557	0.1003E-02	122.3
159	919.5	1298.8	5.6	0.43620	0.4284E-02	1.20558	0.1013E-02	129.4
159	920.0	1299.6	6.0	0.43625	0.4396E-02	1.20561	0.1038E-02	132.8
159	920.5	1298.6	5.7	0.43623	0.4366E-02	1.20555	0.9835E-03	135.5
159	921.0	1298.7	5.9	0.43627	0.4441E-02	1.20560	0.1032E-02	141.6
159	921.5	1299.0	5.9	0.43627	0.4444E-02	1.20553	0.9706E-03	145.8
159	922.0	1298.9	5.6	0.43627	0.4456E-02	1.20565	0.1071E-02	151.4
159	922.5	1299.3	5.4	0.43625	0.4411E-02	1.20564	0.1061E-02	154.6
159	923.0	1299.1	5.7	0.43625	0.4396E-02	1.20566	0.1077E-02	158.0
159	923.5	1299.4	5.9	0.43624	0.4389E-02	1.20559	0.1019E-02	164.6
159	924.0	1298.8	5.9	0.43629	0.4486E-02	1.20555	0.9887E-03	163.3
159	924.5	1298.6	5.9	0.43628	0.4471E-02	1.20562	0.1045E-02	173.1
159	925.0	1298.3	5.7	0.43625	0.4403E-02	1.20562	0.1042E-02	178.8
159	925.5	1298.1	5.8	0.43629	0.4493E-02	1.20562	0.1042E-02	181.4
159	926.0	1299.4	5.7	0.43634	0.4605E-02	1.20559	0.1019E-02	185.1
159	926.5	1298.3	5.7	0.43630	0.4523E-02	1.20565	0.1074E-02	191.7
159	927.0	1299.1	5.6	0.43631	0.4545E-02	1.20558	0.1016E-02	195.1
159	927.5	1298.7	5.5	0.43628	0.4471E-02	1.20558	0.1016E-02	201.0
159	928.0	1293.6	5.6	0.43631	0.4530E-02	1.20565	0.1067E-02	206.6
159	928.5	1299.0	5.5	0.43626	0.4426E-02	1.20561	0.1036E-02	209.3
159	929.0	1299.1	5.9	0.43636	0.4657E-02	1.20558	0.1016E-02	213.9
159	929.5	1298.9	5.9	0.43633	0.4593E-02	1.20565	0.1071E-02	219.0
159	930.0	1298.9	6.1	0.43634	0.4612E-02	1.20560	0.1025E-02	223.9
159	930.5	1299.0	5.9	0.43632	0.4553E-02	1.20564	0.1058E-02	228.1
159	931.0	1299.6	5.7	0.43634	0.4605E-02	1.20556	0.9963E-03	234.2
159	931.5	1298.0	5.6	0.43632	0.4553E-02	1.20562	0.1042E-02	238.6
159	932.0	1299.5	5.7	0.43635	0.4627E-02	1.20558	0.1012E-02	241.0
159	932.5	1299.1	5.9	0.43632	0.4556E-02	1.20569	0.1100E-02	247.9
159	933.0	1299.2	5.6	0.43637	0.4672E-02	1.20559	0.1019E-02	253.0
159	933.5	1298.6	5.7	0.43635	0.4642E-02	1.20557	0.9496E-03	258.6
159	934.0	1299.7	5.6	0.43637	0.4672E-02	1.20555	0.9866E-03	261.8
159	934.5	1299.1	5.5	0.43636	0.4650E-02	1.20565	0.1067E-02	267.4
159	935.0	1298.7	5.3	0.43638	0.4709E-02	1.20556	0.9432E-03	273.0
159	935.5	1299.3	6.0	0.43634	0.4620E-02	1.20556	0.9963E-03	276.7
159	936.0	1299.9	5.7	0.43636	0.4657E-02	1.20559	0.1019E-02	281.1
159	936.5	1299.2	6.3	0.43637	0.4680E-02	1.20559	0.1022E-02	286.2
159	937.0	1300.2	5.7	0.43637	0.4697E-02	1.20568	0.1096E-02	289.9
159	937.5	1299.5	5.5	0.43641	0.4769E-02	1.20571	0.1116E-02	295.2
159	938.0	1300.0	5.8	0.43637	0.4680E-02	1.20556	0.9931E-03	300.6
159	938.5	1299.4	5.6	0.43639	0.4732E-02	1.20563	0.1051E-02	306.2
159	939.0	1299.4	5.9	0.43640	0.4747E-02	1.20564	0.1061E-02	310.6
159	939.5	1299.1	5.5	0.43641	0.4769E-02	1.20567	0.1090E-02	314.5
159	940.0	1299.7	5.8	0.43643	0.4806E-02	1.20562	0.1045E-02	318.9
159	940.5	1299.3	5.9	0.43638	0.4709E-02	1.20560	0.1025E-02	324.5
159	941.0	1299.4	6.2	0.43641	0.4777E-02	1.20555	0.1009E-02	330.4
159	941.5	1299.8	5.6	0.43643	0.4814E-02	1.20562	0.1045E-02	332.4
159	942.0	1299.2	5.7	0.43640	0.4754E-02	1.20564	0.1064E-02	338.9
159	942.5	1299.7	5.9	0.43643	0.4814E-02	1.20560	0.1025E-02	343.3
159	943.0	1299.0	5.7	0.43643	0.4621E-02	1.20560	0.1025E-02	347.7

159	943.5	1299.4	5.6	0.43336	0.4890E-02	1.20554	0.1010E-02	353.4
159	944.0	1299.0	5.7	0.43344	0.4829E-02	1.20562	0.1048E-02	359.0
159	944.5	1299.6	5.6	0.43345	0.4855E-02	1.20562	0.1045E-02	362.6
159	945.0	1299.1	5.5	0.43344	0.4976E-02	1.20553	0.1051E-02	367.5
159	945.5	1299.1	5.7	0.43347	0.4911E-02	1.20561	0.1035E-02	373.6
159	946.0	1299.4	6.0	0.43349	0.4946E-02	1.20562	0.1048E-02	378.5
159	946.5	1299.3	5.9	0.43346	0.4895E-02	1.20561	0.1035E-02	380.7
159	947.0	1298.3	5.7	0.43350	0.4978E-02	1.20561	0.1036E-02	386.6
159	947.5	1298.6	5.6	0.43349	0.4948E-02	1.20560	0.1025E-02	393.2
159	948.0	1299.0	5.9	0.43349	0.4956E-02	1.20557	0.1006E-02	397.3
159	948.5	1298.5	5.7	0.43351	0.5008E-02	1.20560	0.1025E-02	403.2
159	949.0	1299.2	5.8	0.43353	0.5045E-02	1.20565	0.1074E-02	405.9
159	949.5	1298.9	5.6	0.43353	0.5045E-02	1.20565	0.1074E-02	412.7
159	950.0	1299.0	5.9	0.43350	0.4986E-02	1.20568	0.1093E-02	416.1
159	950.5	1299.0	5.4	0.43351	0.5008E-02	1.20554	0.9603E-03	423.0
159	951.0	1298.5	6.1	0.43355	0.5083E-02	1.20556	0.9963E-03	425.6
159	951.5	1298.6	5.7	0.43354	0.5068E-02	1.20563	0.1051E-02	431.3
159	952.0	1298.9	5.6	0.43354	0.5060E-02	1.20552	0.1042E-02	436.4
159	952.5	1299.2	5.8	0.43356	0.5120E-02	1.20555	0.9667E-03	441.0
159	953.0	1298.6	5.5	0.43358	0.5165E-02	1.20556	0.9964E-03	446.4
159	953.5	1299.0	5.9	0.43357	0.5190E-02	1.20564	0.1064E-02	451.3
159	954.0	1298.6	5.9	0.43359	0.5187E-02	1.20554	0.1022E-02	456.4
159	954.5	1299.3	5.8	0.43360	0.5202E-02	1.20556	0.9932E-03	461.5
159	955.0	1298.8	5.9	0.43359	0.5187E-02	1.20560	0.1025E-02	467.4
159	955.5	1299.0	5.7	0.43362	0.5247E-02	1.20561	0.1035E-02	471.1
159	956.0	1298.5	5.9	0.43361	0.5239E-02	1.20558	0.1010E-02	476.2
159	956.5	1298.6	5.7	0.43360	0.5217E-02	1.20559	0.1019E-02	481.3
159	957.0	1298.9	5.8	0.43357	0.5142E-02	1.20565	0.1074E-02	486.7
159	957.5	1298.1	5.7	0.43360	0.5217E-02	1.20556	0.9931E-03	492.1
159	958.0	1299.1	5.8	0.43363	0.5284E-02	1.20560	0.1025E-02	496.7
159	958.5	1298.5	5.9	0.43367	0.5359E-02	1.20560	0.1032E-02	500.9
159	959.0	1298.3	5.7	0.43365	0.5314E-02	1.20561	0.1035E-02	507.2
159	959.5	1299.0	5.5	0.43362	0.5247E-02	1.20562	0.1045E-02	511.6
159	960.0	1298.5	5.9	0.43366	0.5381E-02	1.20553	0.9706E-03	516.2
159	960.5	1298.5	5.7	0.43367	0.5386E-02	1.20560	0.1032E-02	518.7
159	961.0	1299.1	5.7	0.43367	0.5359E-02	1.20551	0.9577E-03	526.7
159	961.5	1298.4	5.6	0.43368	0.5398E-02	1.20560	0.1032E-02	532.6
159	962.0	1299.0	6.0	0.43369	0.5418E-02	1.20555	0.9932E-03	536.0
159	962.5	1299.3	5.7	0.43369	0.5411E-02	1.20564	0.1064E-02	540.9
159	963.0	1298.3	5.7	0.43373	0.5506E-02	1.20559	0.1019E-02	543.1
159	963.5	1298.9	5.8	0.43374	0.5523E-02	1.20553	0.9900E-03	549.2
159	964.0	1298.5	5.6	0.43374	0.5523E-02	1.20557	0.1006E-02	555.6
159	964.5	1298.9	5.5	0.43376	0.5620E-02	1.20563	0.1054E-02	560.0
159	965.0	1299.0	5.6	0.43377	0.5605E-02	1.20550	0.9480E-03	563.9
159	965.5	1297.8	5.9	0.43379	0.5635E-02	1.20561	0.1035E-02	568.7
159	966.0	1299.3	5.6	0.43380	0.5680E-02	1.20560	0.1025E-02	574.8
159	966.5	1298.7	5.8	0.43380	0.5665E-02	1.20553	0.9706E-03	579.5
159	967.0	1299.2	5.5	0.43376	0.5583E-02	1.20556	0.1012E-02	584.6
159	967.5	1298.8	5.6	0.43382	0.5717E-02	1.20550	0.9480E-03	590.0
159	968.0	1298.7	5.9	0.43386	0.5807E-02	1.20564	0.1056E-02	593.9
159	968.5	1298.2	5.8	0.43385	0.5792E-02	1.20557	0.1003E-02	597.8
159	969.0	1298.3	5.5	0.43390	0.5769E-02	1.20559	0.1019E-02	603.2
159	969.5	1298.6	5.6	0.43388	0.5859E-02	1.20552	0.9641E-03	609.3
159	970.0	1298.3	5.9	0.43387	0.5821E-02	1.20554	0.9770E-03	614.7
159	970.5	1298.4	5.4	0.43385	0.5792E-02	1.20546	0.9159E-03	619.8
159	971.0	1298.6	6.2	0.43392	0.5934E-02	1.20554	0.9771E-03	622.5
159	971.5	1298.5	5.9	0.43391	0.5919E-02	1.20557	0.1006E-02	627.5
159	972.0	1298.5	6.1	0.43392	0.5941E-02	1.20554	0.9902E-03	634.2
159	972.5	1298.2	5.7	0.43394	0.6001E-02	1.20551	0.9512E-03	636.9
159	973.0	1298.9	5.4	0.43391	0.5919E-02	1.20547	0.9190E-03	645.2

159	973.5	1299.0	5.7	0.43692	0.5940E-02	1.20557	0.1006E-02	646.4
159	974.0	1299.7	5.7	0.43694	0.6093E-02	1.20555	0.9567E-03	653.7
159	974.5	1299.5	6.0	0.43698	0.6099E-02	1.20543	0.8868E-03	660.0
159	975.0	1299.7	5.5	0.43698	0.6083E-02	1.20557	0.1006E-02	663.7
159	975.5	1298.8	6.0	0.43697	0.6080E-02	1.20556	0.9464E-03	667.9
159	976.0	1298.9	6.0	0.43703	0.6202E-02	1.20553	0.9738E-03	672.8
159	976.5	1299.6	5.9	0.43704	0.6232E-02	1.20549	0.9364E-03	679.1
159	977.0	1299.2	6.0	0.43707	0.6299E-02	1.20557	0.1006E-02	685.5
159	977.5	1299.1	5.9	0.43711	0.6374E-02	1.20545	0.8996E-03	690.9
159	978.0	1299.0	5.9	0.43710	0.6366E-02	1.20546	0.9156E-03	694.7
159	978.5	1298.9	5.9	0.43713	0.6436E-02	1.20546	0.9125E-03	698.9
159	979.0	1299.4	5.7	0.43714	0.6446E-02	1.20540	0.8610E-03	704.3
159	979.5	1298.8	6.1	0.43713	0.6419E-02	1.20550	0.9416E-03	710.4
159	980.0	1299.5	6.1	0.43713	0.6419E-02	1.20542	0.8770E-03	714.5
159	980.5	1299.5	5.8	0.43719	0.6575E-02	1.20541	0.8739E-03	719.9
159	981.0	1298.6	5.9	0.43723	0.6650E-02	1.20545	0.9061E-03	724.1
159	981.5	1299.8	6.1	0.43726	0.6725E-02	1.20543	0.8868E-03	730.6
159	982.0	1299.0	5.4	0.43723	0.6850E-02	1.20545	0.9061E-03	734.8
159	982.5	1299.5	5.8	0.43727	0.6740E-02	1.20543	0.8835E-03	740.7
159	983.0	1299.2	5.6	0.43730	0.6814E-02	1.20540	0.8609E-03	745.3
159	983.5	1298.9	5.9	0.43732	0.6859E-02	1.20538	0.8440E-03	749.9
159	984.0	1298.9	5.4	0.43735	0.6941E-02	1.20538	0.8448E-03	753.6
159	984.5	1298.8	5.8	0.43733	0.6881E-02	1.20538	0.8448E-03	759.0
159	985.0	1299.5	6.1	0.43740	0.7053E-02	1.20544	0.8933E-03	764.1
159	985.5	1298.4	5.7	0.43741	0.7083E-02	1.20536	0.8255E-03	769.5
159	986.0	1299.2	5.7	0.43743	0.7113E-02	1.20541	0.8674E-03	775.3
159	986.5	1299.7	5.7	0.43742	0.7094E-02	1.20545	0.8496E-03	780.2
159	987.0	1299.1	5.9	0.43744	0.7143E-02	1.20536	0.8319E-03	784.4
159	987.5	1299.5	5.9	0.43747	0.7210E-02	1.20538	0.8416E-03	786.0
159	988.0	1300.1	5.9	0.43751	0.7307E-02	1.20521	0.7063E-03	792.2
159	988.5	1299.2	6.0	0.43753	0.7352E-02	1.20534	0.8156E-03	798.0
159	989.0	1299.9	5.9	0.43754	0.7367E-02	1.20529	0.7674E-03	802.2
159	989.5	1299.7	5.7	0.43761	0.7523E-02	1.20534	0.8126E-03	806.8
159	990.0	1299.2	6.2	0.43761	0.7538E-02	1.20531	0.7835E-03	813.4
159	990.5	1299.2	6.0	0.43763	0.7568E-02	1.20533	0.8024E-03	819.3
159	991.0	1298.7	6.1	0.43767	0.7680E-02	1.20527	0.7577E-03	822.0
159	991.5	1299.3	6.0	0.43770	0.7732E-02	1.20530	0.7771E-03	826.6
159	992.0	1299.3	5.8	0.43772	0.7777E-02	1.20520	0.6996E-03	833.2
159	992.5	1299.3	5.9	0.43776	0.7874E-02	1.20526	0.7444E-03	835.2
159	993.0	1298.9	6.1	0.43776	0.7874E-02	1.20518	0.6837E-03	841.3
159	993.5	1299.2	6.1	0.43783	0.8046E-02	1.20517	0.6675E-03	846.9
159	994.0	1299.0	5.9	0.43785	0.8075E-02	1.20513	0.6417E-03	851.0
159	994.5	1299.3	6.1	0.43788	0.8150E-02	1.20513	0.6384E-03	855.9
159	995.0	1299.5	5.8	0.43792	0.8255E-02	1.20517	0.6675E-03	861.1
159	995.5	1299.6	5.8	0.43794	0.8299E-02	1.20518	0.6772E-03	866.7
159	996.0	1298.8	5.9	0.43799	0.8404E-02	1.20511	0.6256E-03	871.6
159	996.5	1298.8	6.1	0.43801	0.8449E-02	1.20507	0.5870E-03	878.1
159	997.0	1299.6	6.2	0.43808	0.8620E-02	1.20508	0.5433E-03	883.0
159	997.5	1298.3	6.0	0.43809	0.8635E-02	1.20503	0.5546E-03	885.7
159	998.0	1298.7	6.2	0.43814	0.8762E-02	1.20500	0.5284E-03	890.6
159	998.5	1298.4	6.1	0.43818	0.8844E-02	1.20499	0.5191E-03	897.7
159	999.0	1299.0	5.9	0.43822	0.8941E-02	1.20497	0.5030E-03	901.3
159	999.5	1299.2	6.3	0.43825	0.9023E-02	1.20486	0.4160E-03	907.9
159	1000.0	1299.6	5.9	0.43833	0.9150E-02	1.20501	0.5386E-03	912.3
159	1000.5	1298.9	6.0	0.43838	0.9314E-02	1.20498	0.4496E-03	916.4
159	1001.0	1299.0	5.6	0.43839	0.9329E-02	1.20499	0.5256E-03	922.6
159	1002.5	1298.8	6.1	0.43856	0.9717E-02	1.20479	0.3546E-03	939.4
159	1003.0	1298.9	6.1	0.43858	0.9770E-02	1.20479	0.3579E-03	942.6
159	1003.5	1299.3	5.8	0.43861	0.9844E-02	1.20477	0.3355E-03	944.2
159	1004.0	1298.9	5.7	0.43866	0.9994E-02	1.20465	0.2387E-03	951.4

159	1004.5	1299.2	6.0	0.43273	0.1011E-01	1.20468	0.2644E-03	987.2
159	1005.0	1299.2	6.2	0.43274	0.1025E-01	1.20452	0.2161E-03	983.9
159	1005.5	1299.2	6.1	0.43285	0.1040E-01	1.20463	0.2193E-03	970.0
159	1006.0	1299.2	6.2	0.43290	0.1051E-01	1.20460	0.1967E-03	975.1
159	1006.5	1299.2	6.2	0.43296	0.1064E-01	1.20461	0.2065E-03	981.4
159	1007.0	1299.2	6.1	0.43306	0.1087E-01	1.20463	0.5800E-04	988.6
159	1007.5	1299.2	6.0	0.43313	0.1104E-01	1.20427	0.9041E-04	989.3
159	1008.0	1299.5	6.2	0.43322	0.1123E-01	1.20466	0.8066E-04	993.9
159	1008.5	1299.7	6.3	0.43324	0.1141E-01	1.20433	0.1946E-04	1001.2
159	1009.0	1299.3	6.3	0.43334	0.1152E-01	1.20431	0.3362E-04	1006.6
159	1009.5	1299.7	5.9	0.43336	0.1161E-01	1.20425	0.6446E-04	1011.0
159	1010.0	1300.2	6.4	0.43342	0.1171E-01	1.20422	0.1161E-03	1015.6
159	1010.5	1299.7	6.3	0.43353	0.1196E-01	1.20418	0.1515E-03	1021.0
159	1011.0	1299.6	6.1	0.43358	0.1206E-01	1.20408	0.2354E-03	1025.9
159	1011.5	1299.2	6.3	0.43365	0.1224E-01	1.20411	0.2064E-03	1030.3
159	1012.0	1299.3	6.4	0.43374	0.1243E-01	1.20405	0.2546E-03	1035.9
159	1012.5	1299.6	6.1	0.43374	0.1255E-01	1.20396	0.3320E-03	1041.8
159	1013.0	1299.7	6.3	0.43383	0.1264E-01	1.20393	0.3611E-03	1043.5
159	1013.5	1299.6	6.2	0.43397	0.1297E-01	1.20385	0.4287E-03	1052.5
159	1014.0	1299.5	6.2	0.43398	0.1300E-01	1.20379	0.4707E-03	1055.9
159	1014.5	1299.5	6.0	0.44004	0.1313E-01	1.20364	0.4352E-03	1060.3
159	1015.0	1299.5	6.2	0.43378	0.1254E-01	1.20379	0.4803E-03	1066.2
159	1015.5	1300.0	6.1	0.44030	0.1372E-01	1.20363	0.6094E-03	1071.6
159	1016.0	1299.7	6.2	0.44030	0.1373E-01	1.20360	0.6287E-03	1076.6
159	1016.5	1299.5	6.3	0.44038	0.1391E-01	1.20338	0.8190E-03	1079.6
159	1017.0	1299.7	6.3	0.44048	0.1414E-01	1.20338	0.8125E-03	1086.0
159	1017.5	1299.3	6.3	0.44060	0.1401E-01	1.20333	0.8543E-03	1091.1
159	1018.0	1299.7	6.0	0.44042	0.1443E-01	1.20327	0.9060E-03	1096.0
159	1018.5	1300.0	6.3	0.44083	0.1495E-01	1.20320	0.9640E-03	1100.4
159	1019.0	1299.6	6.0	0.44100	0.1533E-01	1.20303	0.1103E-02	1105.7
159	1019.5	1299.9	6.3	0.44108	0.1552E-01	1.20302	0.1116E-02	1110.6
159	1020.0	1300.4	6.4	0.44125	0.1592E-01	1.20281	0.1290E-02	1113.8
159	1020.5	1299.7	6.3	0.44125	0.1591E-01	1.20276	0.1328E-02	1118.9
159	1021.0	1299.6	6.4	0.44126	0.1594E-01	1.20269	0.1390E-02	1125.5
159	1021.5	1299.7	6.5	0.44138	0.1621E-01	1.20262	0.1446E-02	1130.4
159	1022.0	1299.6	6.2	0.44121	0.1582E-01	1.20252	0.1532E-02	1135.8
159	1022.5	1300.0	6.3	0.44151	0.1651E-01	1.20232	0.1693E-02	1139.4
159	1023.0	1300.2	6.6	0.44146	0.1640E-01	1.20222	0.1780E-02	1145.5
159	1023.5	1299.1	6.1	0.44164	0.1681E-01	1.20212	0.1864E-02	1151.2
159	1024.0	1299.4	6.4	0.44183	0.1724E-01	1.20206	0.1912E-02	1155.6
159	1024.5	1299.7	6.4	0.44215	0.1799E-01	1.20181	0.2122E-02	1159.0
159	1025.0	1300.0	6.5	0.44225	0.1823E-01	1.20174	0.2170E-02	1165.1
159	1025.5	1300.1	6.5	0.44240	0.1857E-01	1.20160	0.2289E-02	1171.4
159	1026.0	1299.8	6.1	0.44263	0.1909E-01	1.20145	0.2415E-02	1174.8
159	1026.5	1299.8	6.4	0.44275	0.1938E-01	1.20126	0.2573E-02	1180.2
159	1027.0	1300.1	6.2	0.44275	0.1936E-01	1.20110	0.2705E-02	1187.3
159	1027.5	1299.6	6.6	0.44292	0.1975E-01	1.20097	0.2815E-02	1191.5
159	1028.0	1299.9	6.6	0.44275	0.1936E-01	1.20080	0.2957E-02	1196.1
159	1028.5	1300.1	6.2	0.44285	0.1960E-01	1.20068	0.3053E-02	1202.7
159	1029.0	1299.5	6.3	0.44327	0.2057E-01	1.20045	0.3244E-02	1206.1
159	1029.5	1299.9	6.5	0.44330	0.2063E-01	1.20031	0.3366E-02	1210.3
159	1030.0	1298.9	6.5	0.44356	0.2124E-01	1.20011	0.3534E-02	1217.5
159	1030.5	1299.8	6.3	0.44365	0.2145E-01	1.19984	0.3756E-02	1222.5
159	1031.0	1300.0	6.3	0.44381	0.2181E-01	1.19969	0.3876E-02	1224.4
159	1031.5	1300.3	6.7	0.44398	0.2220E-01	1.19943	0.4095E-02	1233.0
159	1032.0	1300.3	6.5	0.44411	0.2251E-01	1.19929	0.4205E-02	1238.6
159	1032.5	1300.5	6.6	0.44412	0.2252E-01	1.19896	0.4466E-02	1243.0
159	1033.0	1300.1	6.4	0.44469	0.2383E-01	1.19875	0.4662E-02	1248.4
159	1033.5	1300.3	6.5	0.44467	0.2379E-01	1.19849	0.4876E-02	1252.3
159	1034.0	1300.4	6.6	0.44508	0.2473E-01	1.19830	0.5034E-02	1254.4

159	1034.5	1301.2	0.4	0.44534	0.2532E+01	1.19602	-5.5269E-02	1261.6
159	1035.0	1299.9	0.7	0.44576	0.2629E+01	1.19753	-5.5946E-02	1262.6
159	1035.5	1301.0	0.5	0.44591	0.2654E+01	1.19746	-5.5733E-02	1273.0
159	1036.0	1300.6	0.9	9.99900	-9.9999E+04	1.19713	-5.6004E-02	1275.6
159	1036.5	1300.6	0.4	0.44673	0.2853E+01	1.19585	-5.6213E-02	1284.0
159	1038.0	1300.6	0.2	9.99900	-9.9999E+04	1.19575	-5.7152E-02	1297.2
159	1038.5	1300.4	0.3	9.99900	-9.9999E+04	1.19546	-5.7390E-02	1306.9
159	1039.0	1300.4	0.4	9.99900	-9.9999E+04	1.19501	-5.7764E-02	1309.2
159	1039.5	1300.1	0.2	9.99900	-9.9999E+04	1.19401	-5.8590E-02	1313.5
159	1040.0	1301.5	0.4	9.99900	-9.9999E+04	1.19407	-5.8548E-02	1316.4

160	778.5	1299.7	10.6	0.43550	0.5847E-02	1.19446	0.1312E-02	106.2
160	779.0	1299.2	10.6	0.43559	0.6057E-02	1.19439	0.1253E-02	103.5
50	779.5	1299.1	10.4	0.43569	0.6289E-02	1.19436	0.1224E-02	107.2
160	780.0	1299.2	10.5	0.43560	0.6214E-02	1.19438	0.1244E-02	107.4
160	780.5	1299.5	10.5	0.43565	0.6207E-02	1.19440	0.1263E-02	108.2
160	781.0	1299.5	10.3	0.43563	0.6162E-02	1.19435	0.1214E-02	106.5
160	781.5	1301.9	10.9	0.43575	0.6439E-02	1.19445	0.1299E-02	116.7
160	782.0	1301.7	10.4	0.43567	0.6244E-02	1.19440	0.1305E-02	141.9
160	782.5	1301.1	10.8	0.43567	0.6252E-02	1.19451	0.1354E-02	167.3
160	783.0	1301.0	10.6	0.43577	0.6469E-02	1.19443	0.1283E-02	194.6
160	783.5	1301.1	10.6	0.43574	0.6409E-02	1.19449	0.1335E-02	219.0
160	784.0	1300.6	10.9	0.43584	0.6624E-02	1.19444	0.1289E-02	246.9
160	784.5	1300.4	10.8	0.43587	0.6716E-02	1.19446	0.1312E-02	272.8
160	785.0	1300.5	10.9	0.43596	0.6886E-02	1.19445	0.1302E-02	298.2
160	785.5	1299.9	11.1	0.43578	0.6506E-02	1.19445	0.1299E-02	325.5
160	786.0	1300.3	10.9	0.43576	0.6461E-02	1.19442	0.1279E-02	351.4
160	786.5	1301.0	10.8	0.43579	0.6521E-02	1.19441	0.1266E-02	378.8
160	787.0	1300.5	10.7	0.43595	0.6873E-02	1.19445	0.1302E-02	405.9
160	787.5	1300.2	10.6	0.43585	0.6863E-02	1.19441	0.1270E-02	434.4
160	788.0	1300.6	10.9	0.43587	0.6716E-02	1.19443	0.1283E-02	460.6
160	788.5	1300.3	11.0	0.43586	0.6679E-02	1.19446	0.1305E-02	487.7
160	789.0	1299.7	10.8	0.43594	0.6873E-02	1.19435	0.1214E-02	514.3
160	789.5	1300.3	10.9	0.43598	0.6956E-02	1.19440	0.1260E-02	541.6
160	790.0	1300.1	10.6	0.43601	0.7030E-02	1.19438	0.1244E-02	564.2
160	790.5	1300.4	10.7	0.43598	0.6948E-02	1.19445	0.1299E-02	594.4
160	791.0	1299.8	10.6	0.43608	0.7180E-02	1.19442	0.1279E-02	625.4
160	791.5	1299.6	10.8	0.43602	0.7045E-02	1.19447	0.1318E-02	653.0
160	792.0	1300.3	10.9	0.43610	0.7244E-02	1.19440	0.1263E-02	679.9
50	792.5	1299.3	10.8	0.43616	0.7375E-02	1.19440	0.1260E-02	708.4
160	793.0	1300.0	10.9	0.43618	0.7420E-02	1.19444	0.1290E-02	735.3
160	793.5	1299.1	10.9	0.43609	0.7225E-02	1.19432	0.1145E-02	763.1
160	794.0	1300.4	11.0	0.43608	0.7146E-02	1.19444	0.1289E-02	789.0
160	794.5	1299.0	11.0	0.43629	0.7667E-02	1.19442	0.1276E-02	815.6
160	795.0	1299.5	10.8	0.43635	0.7809E-02	1.19440	0.1257E-02	842.2
160	795.5	1299.8	11.0	0.43635	0.7824E-02	1.19442	0.1279E-02	871.3
160	796.0	1299.4	11.0	0.43633	0.7757E-02	1.19429	0.1165E-02	894.4
160	796.5	1299.5	10.8	0.43634	0.7787E-02	1.19434	0.1208E-02	929.4
160	797.0	1299.6	10.7	0.43645	0.8056E-02	1.19423	0.1120E-02	959.7
160	797.5	1299.9	10.8	0.43654	0.8258E-02	1.19430	0.1172E-02	985.1
160	798.0	1299.8	10.9	0.43654	0.8243E-02	1.19417	0.1068E-02	1013.2
160	798.5	1299.7	10.0	0.43657	0.8326E-02	1.19425	0.1136E-02	1040.0
160	799.0	1299.3	10.9	0.43669	0.8610E-02	1.19417	0.1065E-02	1068.9
160	799.5	1299.9	11.3	0.43680	0.8865E-02	1.19410	0.1006E-02	1096.0
160	800.0	1299.9	11.1	0.43703	0.9374E-02	1.19405	0.9635E-03	1124.5
160	800.5	1299.2	11.3	0.43709	0.9516E-02	1.19398	0.9682E-03	1151.9
160	801.0	1299.7	11.0	0.43725	0.9690E-02	1.19392	0.8529E-03	1177.8
160	801.5	1299.2	11.1	0.43736	0.1015E-01	1.19389	0.8301E-03	1209.5
160	802.0	1299.9	11.4	0.43762	0.1074E-01	1.19374	0.7097E-03	1236.6
160	802.5	1299.1	11.6	0.43774	0.1103E-01	1.19360	0.6249E-03	1265.4
160	803.0	1299.9	11.4	0.43796	0.1152E-01	1.19346	0.4721E-03	1293.0
160	803.5	1299.4	11.3	0.43822	0.1212E-01	1.19329	0.3320E-03	1320.4
160	804.0	1300.2	11.5	0.43843	0.1262E-01	1.19309	0.1594E-03	1348.5
160	804.5	1299.4	11.6	0.43892	0.1375E-01	1.19279	0.8790E-04	1376.6
50	805.0	1299.9	11.7	0.43940	0.1486E-01	1.19245	0.3744E-03	1404.2
50	805.5	1300.0	11.8	0.44000	0.1625E-01	1.19208	0.6865E-03	1431.7
160	806.0	1300.0	11.7	0.44063	0.1770E-01	1.19172	0.9696E-03	1461.5
160	806.5	1300.2	11.9	0.44145	0.1959E-01	1.19113	0.1484E-02	1491.6
160	807.0	1300.0	12.3	0.44237	0.2173E-01	1.19053	0.1986E-02	1519.7
160	807.5	1301.0	11.9	0.44350	0.2433E-01	1.18983	0.2575E-02	1547.5
160	808.0	1300.2	12.1	0.44486	0.2748E-01	1.18900	0.3272E-02	1576.3

160	806.5	1301.3	12.3	0.44630	0.3080E+01	1.18806	-.4056E-02	1603.7
160	809.0	1301.2	13.2	0.44638	0.3400E+01	1.18696	-.4974E-02	1631.5
160	809.5	1301.2	12.7	0.45004	0.3944E+01	1.18562	-.6104E-02	1664.0
160	810.0	1301.7	13.2	0.45259	0.4532E+01	1.18398	-.7474E-02	1691.6
160	810.5	1302.6	13.4	0.45554	0.5215E+01	1.18212	-.9037E-02	1721.1
160	811.0	1302.7	13.5	0.45888	0.5945E+01	1.17984	-.1098E-01	1752.1
160	811.5	1304.1	14.6	0.46293	0.6920E+01	1.17711	-.1323E-01	1776.1
160	812.0	1305.2	15.3	0.46772	0.8028E+01	1.17348	-.1628E-01	1806.8
160	812.5	1306.4	16.0	0.47355	0.9372E+01	1.17045	-.1982E-01	1833.5
160	813.0	1305.5	14.3	0.48085	0.1106E+00=9.99900		-.9999E+04	1865.7
160	813.5	1308.9	21.1	0.49066	0.1332E+00=9.99900		-.9999E+04	1895.0
160	814.0	1310.2	25.7	0.50448	0.1652E+00=9.99900		-.9999E+04	1923.8

161	768.5	1599.5	11.1	0.43733	0.8715E-02	1.20826	0.1575E-01	35.7
161	769.0	1599.4	11.1	0.43734	0.8736E-02	1.20824	0.1575E-01	35.2
161	769.5	1599.2	11.4	0.43737	0.8805E-02	1.20830	0.1577E-01	35.7
161	770.0	1599.6	11.5	0.43738	0.8827E-02	1.20825	0.1575E-01	34.7
161	770.5	1600.5	11.5	0.43734	0.8734E-02	1.20826	0.1576E-01	35.9
161	771.0	1600.0	11.7	0.43739	0.8865E-02	1.20831	0.1579E-01	33.5
161	771.5	1599.4	11.6	0.43738	0.8842E-02	1.20832	0.1579E-01	36.8
161	772.0	1599.2	11.3	0.43736	0.8783E-02	1.20837	0.1583E-01	44.0
161	772.5	1599.2	11.5	0.43743	0.8947E-02	1.20831	0.1578E-01	48.4
161	773.0	1599.8	11.3	0.43743	0.8955E-02	1.20838	0.1584E-01	53.0
161	773.5	1599.6	11.5	0.43742	0.8925E-02	1.20837	0.1583E-01	58.0
161	774.0	1599.7	11.3	0.43747	0.9052E-02	1.20842	0.1587E-01	60.3
161	774.5	1599.6	11.2	0.43752	0.9171E-02	1.20843	0.1588E-01	64.1
161	775.0	1600.2	11.6	0.43755	0.9224E-02	1.20843	0.1589E-01	68.8
161	775.5	1599.2	11.3	0.43754	0.9201E-02	1.20844	0.1590E-01	75.0
161	776.0	1599.7	11.4	0.43761	0.9358E-02	1.20847	0.1592E-01	79.9
161	776.5	1599.8	11.3	0.43764	0.9448E-02	1.20846	0.1591E-01	84.2
161	777.0	1600.1	11.3	0.43764	0.9448E-02	1.20853	0.1597E-01	89.6
161	777.5	1599.5	11.6	0.43771	0.9598E-02	1.20854	0.1597E-01	92.3
161	778.0	1599.8	11.4	0.43773	0.9642E-02	1.20857	0.1600E-01	96.2
161	778.5	1600.1	11.4	0.43777	0.9747E-02	1.20866	0.1607E-01	103.1
161	779.0	1600.1	11.2	0.43783	0.9822E-02	1.20868	0.1609E-01	106.7
161	779.5	1600.1	11.7	0.43786	0.9949E-02	1.20866	0.1608E-01	110.0
161	780.0	1600.3	11.3	0.43794	0.1015E-01	1.20871	0.1612E-01	116.5
161	780.5	1600.2	11.0	0.43795	0.1016E-01	1.20871	0.1612E-01	120.9
161	781.0	1600.3	11.3	0.43803	0.1035E-01	1.20873	0.1613E-01	125.6
161	781.5	1598.8	11.4	0.43806	0.1040E-01	1.20875	0.1616E-01	130.4
161	782.0	1599.8	11.1	0.43816	0.1064E-01	1.20878	0.1618E-01	137.0
161	782.5	1600.1	11.3	0.43819	0.1070E-01	1.20887	0.1625E-01	141.1
161	783.0	1600.2	11.6	0.43828	0.1092E-01	1.20890	0.1626E-01	144.8
161	783.5	1598.5	11.4	0.43831	0.1097E-01	1.20887	0.1626E-01	152.4
161	784.0	1599.5	11.5	0.43837	0.1112E-01	1.20894	0.1631E-01	155.3
161	784.5	1600.7	11.2	0.43844	0.1128E-01	1.20894	0.1632E-01	160.2
161	785.0	1600.0	11.1	0.43856	0.1155E-01	1.20897	0.1634E-01	164.3
161	785.5	1600.1	11.5	0.43862	0.1170E-01	1.20902	0.1636E-01	169.0
161	786.0	1599.7	11.2	0.43867	0.1182E-01	1.20902	0.1638E-01	175.3
161	786.5	1599.6	11.3	0.43879	0.1209E-01	1.20906	0.1642E-01	179.5
161	787.0	1599.9	11.4	0.43888	0.1230E-01	1.20905	0.1641E-01	182.4
161	787.5	1599.9	11.6	0.43897	0.1251E-01	1.20917	0.1651E-01	186.6
161	788.0	1599.9	11.4	0.43905	0.1270E-01	1.20918	0.1652E-01	191.7
161	788.5	1600.2	11.4	0.43915	0.1291E-01	1.20918	0.1651E-01	197.1
161	789.0	1599.5	11.3	0.43928	0.1323E-01	1.20927	0.1659E-01	201.0
161	789.5	1599.6	11.1	0.43929	0.1325E-01	1.20930	0.1661E-01	209.3
161	790.0	1599.9	11.6	0.43945	0.1362E-01	1.20934	0.1665E-01	210.3
161	790.5	1600.0	11.1	0.43956	0.1367E-01	1.20944	0.1673E-01	216.1
161	791.0	1599.3	11.4	0.43968	0.1415E-01	1.20942	0.1671E-01	221.2
161	791.5	1599.6	11.4	0.43991	0.1444E-01	1.20943	0.1672E-01	226.4
161	792.0	1600.2	11.4	0.43996	0.1479E-01	1.20947	0.1676E-01	231.5
161	792.5	1599.6	11.2	0.44003	0.1495E-01	1.20951	0.1679E-01	235.9
161	793.0	1599.8	11.1	0.44017	0.1528E-01	1.20956	0.1684E-01	241.0
161	793.5	1600.6	11.2	0.44033	0.1563E-01	1.20957	0.1692E-01	247.1
161	794.0	1600.7	11.3	0.44047	0.1596E-01	1.20968	0.1693E-01	252.0
161	794.5	1599.9	11.3	0.44059	0.1624E-01	1.20971	0.1694E-01	254.5
161	795.0	1600.3	11.3	0.44074	0.1654E-01	1.20975	0.1700E-01	262.3
161	795.5	1600.1	11.3	0.44088	0.1690E-01	1.20975	0.1700E-01	266.7
161	796.0	1600.3	11.3	0.44106	0.1733E-01	1.20981	0.1704E-01	271.4
161	796.5	1600.8	11.2	0.44122	0.1770E-01	1.20984	0.1707E-01	275.5
161	797.0	1600.1	11.0	0.44137	0.1805E-01	1.20982	0.1705E-01	282.6
161	797.5	1599.8	11.3	0.44154	0.1843E-01	1.20991	0.1713E-01	288.9
161	798.0	1600.7	11.5	0.44172	0.1884E-01	1.20997	0.1717E-01	293.5

161	798.5	1600.2	11.0	0.44149	0.1925E-01	1.20499	0.1720E-01	299.6
161	799.0	1601.6	11.4	0.44210	0.1971E-01	1.21008	0.1727E-01	302.6
161	799.5	1600.7	11.3	0.44234	0.2022E-01	1.21009	0.1728E-01	309.7
161	800.0	1601.4	11.6	0.44256	0.2074E-01	1.21016	0.1734E-01	312.6
161	800.5	1600.7	10.8	0.44278	0.2129E-01	1.21019	0.1736E-01	319.4
161	801.0	1601.2	11.4	0.44295	0.2164E-01	1.21022	0.1739E-01	324.3
161	801.5	1600.9	11.4	0.44318	0.2222E-01	1.21023	0.1740E-01	326.9
161	802.0	1600.9	10.9	0.44344	0.2272E-01	1.21026	0.1743E-01	334.1
161	802.5	1600.2	11.2	0.44379	0.2346E-01	1.21031	0.1746E-01	338.9
161	803.0	1601.2	11.2	0.44394	0.2398E-01	1.21037	0.1752E-01	342.9
161	803.5	1600.4	10.9	0.44421	0.2458E-01	1.21041	0.1755E-01	350.2
161	804.0	1600.4	11.2	0.44444	0.2523E-01	1.21053	0.1765E-01	353.1
161	804.5	1600.8	11.3	0.44480	0.2594E-01	1.21049	0.1761E-01	360.2
161	805.0	1601.3	11.4	0.44510	0.2664E-01	1.21059	0.1770E-01	364.1
161	805.5	1600.7	11.1	0.44542	0.2738E-01	1.21055	0.1767E-01	371.7
161	806.0	1601.3	11.6	0.44575	0.2814E-01	1.21063	0.1775E-01	372.6
161	806.5	1600.9	11.3	0.44612	0.2899E-01	1.21065	0.1775E-01	374.5
161	807.0	1601.4	11.0	0.44645	0.2976E-01	1.21068	0.1776E-01	380.3
161	807.5	1601.4	11.1	0.44680	0.3056E-01	1.21077	0.1785E-01	384.4
161	808.0	1600.7	11.5	0.44720	0.3150E-01	1.21080	0.1787E-01	393.2
161	808.5	1600.9	11.4	0.44760	0.3240E-01	1.21083	0.1790E-01	400.0
161	809.0	1600.8	11.4	0.44804	0.3343E-01	1.21083	0.1790E-01	402.2
161	809.5	1601.2	11.3	0.44852	0.3453E-01	1.21086	0.1793E-01	408.8
161	810.0	1600.5	10.9	0.44894	0.3551E-01	1.21099	0.1803E-01	416.8
161	810.5	1600.8	11.1	0.44941	0.3657E-01	1.21096	0.1796E-01	420.5
161	811.0	1601.0	11.3	0.44994	0.3742E-01	1.21096	0.1801E-01	426.6
161	811.5	1601.1	11.4	0.45042	0.3892E-01	1.21097	0.1802E-01	431.3
161	812.0	1600.3	11.2	0.45106	0.4040E-01	1.21102	0.1806E-01	437.1
161	812.5	1600.7	11.3	0.45168	0.4183E-01	1.21105	0.1809E-01	441.5
161	813.0	1600.8	11.4	0.45225	0.4313E-01	1.21111	0.1813E-01	446.6
161	814.5	1600.9	11.4	0.45439	0.4808E-01	1.21110	0.1812E-01	460.3
161	815.0	1601.6	11.4	0.45518	0.4922E-01	1.21111	0.1816E-01	466.2
161	815.5	1601.6	11.7	0.45605	0.5191E-01	1.21108	0.1811E-01	470.1
161	816.0	1600.7	10.9	0.45693	0.5393E-01	1.21106	0.1810E-01	477.2
161	816.5	1601.5	11.3	0.45786	0.5608E-01	1.21101	0.1805E-01	482.8
161	817.0	1601.3	11.4	0.45890	0.5848E-01	1.21099	0.1803E-01	487.7
161	817.5	1601.3	11.4	0.46002	0.6105E-01	1.21069	0.1796E-01	492.8
161	818.0	1600.8	11.4	0.46123	0.6385E-01	1.21071	0.1786E-01	498.2
161	818.5	1601.9	11.3	0.46262	0.6706E-01	1.21055	0.1766E-01	502.1
161	819.0	1601.7	11.4	0.46407	0.7041E-01	1.21027	0.1743E-01	509.6
161	819.5	1602.3	11.3	0.46573	0.7423E-01	1.20941	0.1705E-01	513.5
161	820.0	1602.7	11.2	0.46747	0.7824E-01	1.20920	0.1653E-01	520.1
161	820.5	1602.3	11.9	0.46958	0.8311E-01	1.20823	0.1572E-01	524.5
161	821.0	1603.0	13.2	0.47176	0.8814E-01	1.20520	0.1317E-01	529.2
161	821.5	1595.7	12.0	0.47117	0.8678E-01	1.20523	0.1151E-01	514.4
161	822.0	1544.2	12.2	0.47113	0.8669E-01	1.20321	0.1150E-01	520.1
161	822.5	1508.0	11.3	0.47105	0.8651E-01	1.20321	0.1150E-01	555.1
161	823.0	1517.8	10.8	0.47104	0.8659E-01	1.20336	0.1162E-01	563.1
161	823.5	1533.9	10.9	0.47105	0.8650E-01	1.20340	0.1165E-01	560.0
161	824.0	1545.5	11.0	0.47105	0.8650E-01	1.20363	0.1185E-01	558.7
161	824.5	1552.1	11.5	0.47109	0.8654E-01	1.20374	0.1194E-01	559.0
161	825.0	1558.1	11.3	0.47114	0.8671E-01	1.20392	0.1210E-01	557.0
161	825.5	1563.1	11.0	0.47114	0.8671E-01	1.20346	0.1206E-01	556.2
161	826.0	1567.2	11.3	0.47110	0.8662E-01	1.20396	0.1213E-01	559.2
161	826.5	1576.3	11.3	0.47110	0.8663E-01	1.20404	0.1214E-01	558.2
161	827.0	1573.2	11.1	0.47105	0.8650E-01	1.20408	0.1223E-01	559.7
161	827.5	1574.5	11.3	0.47110	0.8662E-01	1.20414	0.1226E-01	559.0
161	828.0	1577.2	11.4	0.47110	0.8663E-01	1.20425	0.1237E-01	559.2
161	829.5	1578.1	11.4	0.47105	0.8649E-01	1.20438	0.1246E-01	559.7
161	829.0	1579.5	11.4	0.47102	0.8642E-01	1.20432	0.1243E-01	558.5

161	829.5	1581.1	11.3	0.47106	0.8652E-01	1.20441	0.1250E-01	557.4
161	830.0	1581.9	11.1	0.47101	0.8642E-01	1.20447	0.1256E-01	557.3
161	830.5	1583.0	11.1	0.47105	0.8649E-01	1.20470	0.1274E-01	559.5
161	831.0	1584.0	11.1	0.47101	0.8641E-01	1.20473	0.1278E-01	559.0
51	831.5	1584.6	11.3	0.47099	0.8636E-01	1.20463	0.1286E-01	560.2
161	832.0	1584.9	11.3	0.47096	0.8629E-01	1.20481	0.1284E-01	560.2

162	1238.5	1000.5	22.3	0.43491	0.3913E-02	1.20140	0.288E-02	127.2
162	1239.0	1000.1	21.7	0.43495	0.3951E-02	1.20130	0.2856E-02	124.8
162	1239.5	1000.5	22.2	0.43493	0.3892E-02	1.20143	0.2911E-02	126.5
162	1240.0	1000.1	21.8	0.43495	0.3951E-02	1.20137	0.2862E-02	125.0
162	1240.5	999.6	22.5	0.43491	0.3853E-02	1.20139	0.2875E-02	127.5
162	1241.0	1000.4	22.2	0.43492	0.3861E-02	1.20135	0.2846E-02	127.5
162	1241.5	999.9	22.1	0.43494	0.3913E-02	1.20139	0.2892E-02	126.3
162	1242.0	1000.6	21.7	0.43494	0.3921E-02	1.20141	0.2892E-02	125.0
162	1242.5	1000.1	22.7	0.43490	0.3958E-02	1.20149	0.2959E-02	126.7
162	1243.0	1000.1	22.1	0.43494	0.3921E-02	1.20129	0.2794E-02	126.0
162	1243.5	1000.2	22.6	0.43497	0.3980E-02	1.20145	0.2927E-02	219.0
162	1244.0	1000.2	21.8	0.43490	0.3960E-02	1.20139	0.2878E-02	220.8
162	1244.5	999.9	22.3	0.43500	0.4055E-02	1.20142	0.2901E-02	222.5
162	1245.0	1000.3	23.0	0.43497	0.3988E-02	1.20146	0.2934E-02	225.2
162	1245.5	1000.6	22.7	0.43499	0.4040E-02	1.20139	0.2882E-02	226.1
162	1246.0	1000.7	22.8	0.43499	0.4025E-02	1.20144	0.2921E-02	226.1
162	1246.5	1000.9	22.4	0.43497	0.3980E-02	1.20137	0.2862E-02	230.0
162	1247.0	1001.1	21.7	0.43501	0.4070E-02	1.20136	0.2853E-02	231.3
162	1247.5	1000.5	22.7	0.43497	0.3944E-02	1.20139	0.2878E-02	234.4
162	1248.0	1001.1	22.6	0.43496	0.4010E-02	1.20144	0.2921E-02	235.1
162	1248.5	1000.6	22.3	0.43500	0.4055E-02	1.20144	0.2917E-02	247.2
162	1249.0	1001.1	22.0	0.43500	0.4055E-02	1.20145	0.2927E-02	247.4
162	1249.5	1001.0	21.8	0.43499	0.4025E-02	1.20138	0.2865E-02	249.1
162	1250.0	1000.9	22.6	0.43497	0.3995E-02	1.20140	0.2885E-02	253.7
162	1250.5	1000.6	22.3	0.43499	0.4033E-02	1.20142	0.2904E-02	260.1
162	1251.0	1000.7	22.4	0.43498	0.4010E-02	1.20133	0.2830E-02	263.7
162	1251.5	1001.1	22.2	0.43501	0.4085E-02	1.20144	0.2917E-02	270.8
162	1252.0	1000.5	22.6	0.43501	0.4078E-02	1.20141	0.2892E-02	276.9
162	1252.5	1000.7	22.4	0.43500	0.4063E-02	1.20136	0.2849E-02	281.8
162	1253.0	1000.7	22.8	0.43501	0.4025E-02	1.20144	0.2917E-02	286.9
162	1253.5	1001.0	22.0	0.43501	0.4078E-02	1.20144	0.2921E-02	292.6
162	1254.0	1000.9	22.0	0.43500	0.4063E-02	1.20145	0.2927E-02	297.9
162	1254.5	1001.1	21.4	0.43502	0.4093E-02	1.20134	0.2840E-02	301.1
162	1255.0	1000.9	23.2	0.43503	0.4130E-02	1.20143	0.2914E-02	307.7
162	1255.5	1001.0	22.4	0.43502	0.4093E-02	1.20143	0.2908E-02	312.8
162	1256.0	1000.8	22.0	0.43502	0.4108E-02	1.20145	0.2924E-02	315.5
162	1256.5	1001.0	21.9	0.43501	0.4076E-02	1.20148	0.2950E-02	321.0
162	1257.0	1000.7	21.8	0.43502	0.4100E-02	1.20146	0.2940E-02	324.8
162	1257.5	1000.9	22.6	0.43504	0.4145E-02	1.20143	0.2914E-02	331.9
162	1258.0	1001.3	22.7	0.43503	0.4138E-02	1.20138	0.2872E-02	335.0
162	1258.5	1000.8	22.3	0.43505	0.4168E-02	1.20149	0.2963E-02	340.4
162	1259.0	1000.9	22.7	0.43505	0.4175E-02	1.20141	0.2895E-02	344.1
162	1259.5	1000.5	22.4	0.43503	0.4115E-02	1.20141	0.2898E-02	349.2
162	1260.0	1000.9	21.8	0.43503	0.4123E-02	1.20145	0.2927E-02	354.0
162	1260.5	1000.8	23.0	0.43504	0.4145E-02	1.20145	0.2930E-02	359.7
162	1261.0	1000.5	22.5	0.43503	0.4138E-02	1.20125	0.2765E-02	363.4
162	1261.5	1001.0	22.4	0.43503	0.4123E-02	1.20139	0.2875E-02	366.5
162	1262.0	1000.9	22.3	0.43506	0.4190E-02	1.20136	0.2844E-02	372.4
162	1262.5	1001.0	22.1	0.43503	0.4138E-02	1.20137	0.2862E-02	377.4
162	1263.0	1001.0	22.0	0.43505	0.4175E-02	1.20151	0.2976E-02	380.2
162	1263.5	1000.9	21.3	0.43505	0.4175E-02	1.20145	0.2924E-02	386.1
162	1264.0	1000.8	22.0	0.43508	0.4242E-02	1.20152	0.2945E-02	391.0
162	1264.5	1001.0	22.6	0.43505	0.4175E-02	1.20145	0.2924E-02	396.2
162	1265.0	1001.0	22.1	0.43507	0.4213E-02	1.20145	0.2930E-02	401.0
162	1265.5	1000.9	21.9	0.43506	0.4194E-02	1.20134	0.2840E-02	406.1
162	1266.0	1001.0	22.9	0.43506	0.4235E-02	1.20148	0.2950E-02	410.3
162	1266.5	1001.0	22.2	0.43506	0.4194E-02	1.20143	0.2908E-02	415.9
162	1267.0	1000.9	22.2	0.43507	0.4220E-02	1.20145	0.2933E-02	419.3
162	1267.5	1001.1	22.1	0.43507	0.4227E-02	1.20141	0.2898E-02	422.5
162	1268.0	1000.9	22.0	0.43508	0.4250E-02	1.20140	0.2885E-02	427.0

162 1264.5	1000.5	22.4 0.43511	0.4310E-02	1.20152	0.2965E-02	433.0
162 1264.0	1000.8	22.6 0.43508	0.4235E-02	1.20143	0.2908E-02	437.4
162 1269.5	1001.1	22.0 0.43510	0.4257E-02	1.20142	0.2904E-02	440.5
162 1270.0	1000.4	22.1 0.43508	0.4242E-02	1.20152	0.2985E-02	446.2
162 1270.5	1000.8	22.4 0.43508	0.4235E-02	1.20137	0.2859E-02	450.3
162 1271.0	1000.8	21.6 0.43509	0.4272E-02	1.20142	0.2904E-02	455.4
162 1271.5	1000.7	22.2 0.43508	0.4242E-02	1.20142	0.2904E-02	461.1
162 1272.0	1000.5	22.0 0.43508	0.4242E-02	1.20143	0.2905E-02	465.7
162 1272.5	1000.9	22.3 0.43511	0.4317E-02	1.20152	0.2962E-02	471.1
162 1273.0	1000.9	22.0 0.43507	0.4221E-02	1.20135	0.2843E-02	475.0
162 1273.5	1000.7	22.0 0.43513	0.4362E-02	1.20138	0.2869E-02	479.9
162 1274.0	1000.7	22.1 0.43510	0.4287E-02	1.20140	0.2956E-02	483.5
162 1274.5	1000.1	21.6 0.43510	0.4247E-02	1.20151	0.2976E-02	487.4
162 1275.0	1000.7	21.7 0.43510	0.4247E-02	1.20147	0.2947E-02	494.5
162 1275.5	1000.4	22.3 0.43510	0.4295E-02	1.20145	0.2930E-02	499.4
162 1276.0	1001.0	21.2 0.43512	0.4332E-02	1.20141	0.2496E-02	504.5
162 1276.5	1000.9	22.4 0.43510	0.4295E-02	1.20149	0.2963E-02	509.9
162 1277.0	1000.2	21.8 0.43511	0.4317E-02	1.20141	0.2696E-02	513.1
162 1277.5	1000.4	23.0 0.43513	0.4355E-02	1.20146	0.2937E-02	519.2
162 1278.0	1000.3	22.4 0.43511	0.4310E-02	1.20147	0.2947E-02	523.3
162 1278.5	1000.5	22.2 0.43513	0.4355E-02	1.20138	0.2869E-02	529.4
162 1279.0	1000.5	23.2 0.43512	0.4340E-02	1.20150	0.2973E-02	534.8
162 1279.5	1000.6	22.3 0.43511	0.4317E-02	1.20144	0.2921E-02	540.9
162 1280.0	1000.6	22.5 0.43514	0.4377E-02	1.20148	0.2953E-02	546.0
162 1280.5	1000.2	22.3 0.43515	0.4392E-02	1.20147	0.2943E-02	549.5
162 1281.0	1000.4	21.5 0.43515	0.4400E-02	1.20151	0.2976E-02	553.1
162 1281.5	1000.6	22.1 0.43514	0.4370E-02	1.20141	0.2895E-02	559.7
162 1282.0	1000.2	22.2 0.43515	0.4392E-02	1.20146	0.2934E-02	564.3
162 1282.5	1000.3	21.9 0.43513	0.4362E-02	1.20149	0.2960E-02	569.5
162 1283.0	1000.7	22.0 0.43516	0.4429E-02	1.20146	0.2940E-02	574.8
162 1283.5	1000.6	22.1 0.43517	0.4452E-02	1.20137	0.2862E-02	579.5
162 1284.0	1000.2	22.0 0.43513	0.4447E-02	1.20141	0.2896E-02	586.3
162 1284.5	999.1	22.1 0.43517	0.4440E-02	1.20151	0.2976E-02	591.2
162 1285.0	999.3	22.6 0.43517	0.4459E-02	1.20140	0.2885E-02	596.6
162 1285.5	1000.4	22.2 0.43515	0.4407E-02	1.20146	0.2940E-02	601.2
162 1286.0	1000.1	22.4 0.43518	0.4447E-02	1.20152	0.2982E-02	606.8
162 1286.5	1000.1	22.2 0.43516	0.4467E-02	1.20140	0.2886E-02	613.4
162 1287.0	1000.1	22.2 0.43515	0.4442E-02	1.20147	0.2947E-02	617.3
162 1287.5	1000.2	22.3 0.43520	0.4519E-02	1.20141	0.2895E-02	621.0
162 1288.0	1000.0	21.7 0.43517	0.4459E-02	1.20139	0.2882E-02	626.4
162 1288.5	1000.2	22.4 0.43518	0.4474E-02	1.20142	0.2904E-02	632.7
162 1289.0	1000.5	21.6 0.43519	0.4497E-02	1.20146	0.2940E-02	637.4
162 1289.5	999.9	21.8 0.43521	0.4502E-02	1.20153	0.2992E-02	643.5
162 1290.0	1000.3	22.2 0.43521	0.4542E-02	1.20147	0.2947E-02	648.6
162 1290.5	1000.3	22.9 0.43520	0.4519E-02	1.20144	0.2917E-02	653.0
162 1291.0	1000.4	22.2 0.43520	0.4519E-02	1.20155	0.3008E-02	659.6
162 1291.5	1000.6	22.6 0.43519	0.4504E-02	1.20154	0.3002E-02	664.0
162 1292.0	1000.5	22.5 0.43518	0.4442E-02	1.20143	0.2914E-02	669.6
162 1292.5	1000.1	22.5 0.43521	0.4534E-02	1.20144	0.2917E-02	674.0
162 1293.0	1000.2	22.1 0.43520	0.4519E-02	1.20145	0.2927E-02	679.1
162 1293.5	1000.1	22.3 0.43521	0.4534E-02	1.20146	0.2921E-02	686.0
162 1294.0	1000.7	22.7 0.43523	0.4587E-02	1.20153	0.2992E-02	691.3
162 1294.5	1000.1	22.0 0.43523	0.4579E-02	1.20147	0.2945E-02	695.5
162 1295.0	1000.1	22.2 0.43520	0.4512E-02	1.20155	0.3008E-02	701.1
162 1295.5	1000.4	22.3 0.43523	0.4579E-02	1.20145	0.2949E-02	705.3
162 1296.0	1000.5	22.1 0.43524	0.4602E-02	1.20159	0.3041E-02	711.4
162 1296.5	1000.2	22.6 0.43522	0.4557E-02	1.20155	0.2846E-02	716.2
162 1297.0	1000.3	22.9 0.43523	0.4547E-02	1.20149	0.2959E-02	722.1
162 1297.5	1000.0	22.2 0.43521	0.4534E-02	1.20143	0.2911E-02	727.5
162 1298.0	1000.5	22.7 0.43523	0.4594E-02	1.20138	0.2872E-02	732.1

162	1298.5	1000.3	22.7	0.43526	0.4646E-02	1.20152	0.2985E-02	739.0
162	1299.0	1000.0	22.5	0.43525	0.4631E-02	1.20146	0.2956E-02	741.4
162	1299.5	1000.0	22.2	0.43526	0.4647E-02	1.20151	0.2976E-02	748.5
162	1300.0	999.9	22.8	0.43526	0.4647E-02	1.20147	0.2947E-02	753.6
162	1300.5	1000.3	22.3	0.43527	0.4684E-02	1.20146	0.2940E-02	759.0
162	1301.0	1000.0	22.5	0.43524	0.4617E-02	1.20139	0.2678E-02	764.8
162	1301.5	999.8	23.0	0.43527	0.4684E-02	1.20144	0.2917E-02	769.0
162	1302.0	999.9	22.4	0.43526	0.4654E-02	1.20150	0.2972E-02	773.6
162	1302.5	999.4	22.1	0.43526	0.4654E-02	1.20145	0.2930E-02	780.2
162	1303.0	1000.0	22.8	0.43524	0.4706E-02	1.20147	0.2943E-02	784.9
162	1303.5	999.9	21.8	0.43525	0.4634E-02	1.20153	0.2995E-02	790.5
162	1304.0	999.9	22.6	0.43529	0.4736E-02	1.20148	0.2953E-02	797.1
162	1304.5	1000.0	23.0	0.43526	0.4661E-02	1.20146	0.2940E-02	802.2
162	1305.0	1000.0	22.5	0.43529	0.4721E-02	1.20151	0.2976E-02	805.9
162	1305.5	999.8	21.6	0.43529	0.4729E-02	1.20143	0.2908E-02	812.9
162	1306.0	999.8	22.6	0.43526	0.4661E-02	1.20147	0.2947E-02	816.8
162	1306.5	999.7	22.7	0.43530	0.4751E-02	1.20149	0.2963E-02	822.0
162	1307.0	1000.1	21.8	0.43529	0.4729E-02	1.20145	0.2924E-02	827.4
162	1307.5	1000.2	22.9	0.43530	0.4751E-02	1.20149	0.2959E-02	832.7
162	1308.0	1000.1	22.5	0.43529	0.4721E-02	1.20143	0.2908E-02	837.4
162	1308.5	1000.1	22.1	0.43532	0.4804E-02	1.20143	0.2911E-02	841.8
162	1309.0	999.9	22.5	0.43533	0.4826E-02	1.20147	0.2943E-02	846.1
162	1309.5	999.9	22.1	0.43533	0.4826E-02	1.20162	0.3066E-02	853.5
162	1310.0	999.6	22.5	0.43532	0.4789E-02	1.20150	0.2973E-02	857.6
162	1310.5	1000.1	22.5	0.43531	0.4781E-02	1.20146	0.2940E-02	862.5
162	1311.0	1000.2	22.3	0.43529	0.4729E-02	1.20149	0.2959E-02	869.6
162	1311.5	1000.0	21.9	0.43532	0.4789E-02	1.20143	0.2911E-02	874.0
162	1312.0	1000.0	22.7	0.43532	0.4796E-02	1.20149	0.2959E-02	879.1
162	1312.5	1000.0	21.7	0.43535	0.4863E-02	1.20157	0.3024E-02	883.5
162	1313.0	1000.8	21.8	0.43536	0.4878E-02	1.20153	0.2992E-02	889.4
162	1313.5	999.6	21.8	0.43534	0.4834E-02	1.20147	0.2947E-02	895.0
162	1314.0	999.5	23.1	0.43535	0.4871E-02	1.20149	0.2959E-02	899.9
162	1314.5	999.5	22.2	0.43537	0.4901E-02	1.20149	0.2963E-02	906.2
162	1315.0	999.2	21.6	0.43535	0.4871E-02	1.20154	0.3005E-02	909.6
162	1315.5	999.5	22.3	0.43539	0.4961E-02	1.20155	0.3011E-02	916.0
162	1316.0	999.2	22.5	0.43534	0.4931E-02	1.20159	0.3047E-02	920.4
162	1316.5	999.7	22.2	0.43536	0.4923E-02	1.20153	0.2992E-02	926.0
162	1317.0	999.6	22.2	0.43534	0.4841E-02	1.20153	0.2998E-02	930.9
162	1317.5	1000.0	22.2	0.43537	0.4908E-02	1.20155	0.3011E-02	937.2
162	1318.0	999.6	22.5	0.43538	0.4946E-02	1.20152	0.2984E-02	942.6
162	1318.5	1000.2	23.0	0.43538	0.4931E-02	1.20157	0.3031E-02	947.0
162	1319.0	999.4	22.2	0.43534	0.4934E-02	1.20146	0.2934E-02	952.4
162	1319.5	999.4	22.6	0.43539	0.4953E-02	1.20153	0.2992E-02	957.8
162	1320.0	998.7	22.5	0.43539	0.4946E-02	1.20157	0.3026E-02	962.4
162	1320.5	999.3	22.6	0.43539	0.4968E-02	1.20150	0.2966E-02	967.8
162	1321.0	999.9	22.7	0.43540	0.4983E-02	1.20144	0.3083E-02	973.1
162	1321.5	999.7	22.7	0.43539	0.4961E-02	1.20149	0.2963E-02	977.5
162	1322.0	999.2	22.5	0.43534	0.4961E-02	1.20153	0.2995E-02	983.4
162	1322.5	999.4	22.2	0.43541	0.5013E-02	1.20155	0.3015E-02	988.5
162	1323.0	999.7	22.7	0.43542	0.5022E-02	1.20156	0.3034E-02	993.7
162	1323.5	999.6	22.4	0.43541	0.4996E-02	1.20150	0.2969E-02	997.4
162	1324.0	999.4	22.6	0.43543	0.5056E-02	1.20147	0.2947E-02	1002.9
162	1324.5	999.7	22.3	0.43543	0.5043E-02	1.20147	0.2947E-02	1007.6
162	1325.0	999.1	22.6	0.43545	0.5103E-02	1.20149	0.2956E-02	1012.5
162	1325.5	999.0	21.8	0.43542	0.5026E-02	1.20153	0.2995E-02	1017.6
162	1326.0	999.2	22.1	0.43539	0.4961E-02	1.20148	0.2956E-02	1023.0
162	1326.5	999.0	22.2	0.43544	0.5073E-02	1.20146	0.2940E-02	1029.1
162	1327.0	999.2	22.2	0.43544	0.5080E-02	1.20149	0.2960E-02	1033.5
162	1327.5	998.9	22.3	0.43545	0.5103E-02	1.20147	0.2943E-02	1037.6
162	1328.0	998.5	23.0	0.43544	0.5073E-02	1.20150	0.2973E-02	1043.5

162 1328.5	999.3	23.0 0.43545	0.5103E-02	1.20135	0.2646E-02	1047.4
162 1329.0	999.1	22.6 0.43545	0.5086E-02	1.20156	0.3021E-02	1053.0
162 1329.5	999.2	22.2 0.43544	0.5080E-02	1.20152	0.2965E-02	1056.1
162 1330.0	999.3	22.6 0.43544	0.5170E-02	1.20139	0.2882E-02	1063.5
162 1330.5	999.5	22.6 0.43547	0.5133E-02	1.20144	0.2917E-02	1068.4
162 1331.0	999.5	22.3 0.43545	0.5088E-02	1.20152	0.2982E-02	1073.3
162 1331.5	999.5	22.5 0.43547	0.5144E-02	1.20145	0.2930E-02	1080.1
162 1332.0	999.5	21.9 0.43549	0.5178E-02	1.20142	0.2904E-02	1084.2
162 1332.5	999.0	22.0 0.43549	0.5178E-02	1.20148	0.2956E-02	1088.4
162 1333.0	999.7	22.7 0.43548	0.5170E-02	1.20146	0.2940E-02	1095.2
162 1333.5	999.9	21.8 0.43547	0.5146E-02	1.20151	0.2976E-02	1099.9
162 1334.0	999.1	22.2 0.43547	0.5140E-02	1.20150	0.2973E-02	1106.0
162 1334.5	999.1	22.4 0.43550	0.5200E-02	1.20146	0.2940E-02	1112.1
162 1335.0	999.1	22.6 0.43550	0.5215E-02	1.20152	0.2985E-02	1117.0
162 1335.5	999.0	22.4 0.43552	0.5252E-02	1.20147	0.2947E-02	1127.4
162 1336.0	999.2	22.1 0.43550	0.5223E-02	1.20150	0.2972E-02	1127.5
162 1336.5	999.1	21.8 0.43552	0.5260E-02	1.20149	0.2963E-02	1133.1
162 1337.0	999.0	22.3 0.43552	0.5253E-02	1.20160	0.3057E-02	1137.2
162 1337.5	999.2	22.5 0.43554	0.5297E-02	1.20153	0.2992E-02	1144.1
162 1338.0	999.4	21.6 0.43551	0.5297E-02	1.20153	0.2992E-02	1149.2
162 1338.5	999.1	21.2 0.43554	0.5305E-02	1.20150	0.2973E-02	1154.6
162 1339.0	999.9	21.7 0.43554	0.5297E-02	1.20152	0.2965E-02	1159.5
162 1339.5	999.1	22.1 0.43555	0.5327E-02	1.20157	0.3028E-02	1164.3
162 1340.0	999.0	21.4 0.43554	0.5297E-02	1.20152	0.2962E-02	1170.2
162 1340.5	999.2	21.4 0.43556	0.5350E-02	1.20153	0.2995E-02	1174.9
162 1341.0	999.0	21.8 0.43555	0.5327E-02	1.20150	0.2966E-02	1180.7
162 1341.5	999.2	21.8 0.43555	0.5335E-02	1.20147	0.2947E-02	1184.9
162 1342.0	999.1	21.8 0.43555	0.5335E-02	1.20146	0.2950E-02	1191.0
162 1342.5	999.1	22.3 0.43557	0.5360E-02	1.20155	0.3006E-02	1195.8
162 1343.0	999.4	21.6 0.43556	0.5342E-02	1.20146	0.2937E-02	1202.4
162 1343.5	999.9	21.5 0.43557	0.5380E-02	1.20152	0.2985E-02	1206.3
162 1344.0	999.8	21.6 0.43559	0.5417E-02	1.20143	0.2914E-02	1212.0
162 1344.5	999.6	21.7 0.43558	0.5387E-02	1.20146	0.2940E-02	1217.3
162 1345.0	999.9	21.3 0.43557	0.5380E-02	1.20145	0.2927E-02	1220.8
162 1345.5	999.0	21.4 0.43558	0.5387E-02	1.20145	0.2924E-02	1227.6
162 1346.0	999.8	21.3 0.43556	0.5402E-02	1.20153	0.2908E-02	1233.0
162 1346.5	999.3	22.0 0.43560	0.5440E-02	1.20156	0.3021E-02	1238.3
162 1347.0	999.0	21.5 0.43563	0.5507E-02	1.20153	0.2992E-02	1244.0
162 1347.5	999.1	21.6 0.43560	0.5440E-02	1.20153	0.2998E-02	1250.1
162 1348.0	999.0	21.9 0.43560	0.5447E-02	1.20151	0.2974E-02	1254.2
162 1348.5	999.0	21.6 0.43563	0.5514E-02	1.20148	0.2956E-02	1259.6
162 1349.0	999.0	22.0 0.43562	0.5477E-02	1.20156	0.3021E-02	1263.7
162 1349.5	999.8	21.3 0.43561	0.5470E-02	1.20147	0.2943E-02	1269.6
162 1350.0	999.0	21.7 0.43566	0.5589E-02	1.20148	0.2956E-02	1273.7
162 1350.5	999.0	21.5 0.43566	0.5574E-02	1.20148	0.2917E-02	1279.4
162 1351.0	999.1	21.0 0.43564	0.5544E-02	1.20149	0.2966E-02	1285.2
162 1351.5	999.1	21.1 0.43567	0.5604E-02	1.20150	0.2966E-02	1290.4
162 1352.0	999.0	21.3 0.43563	0.5514E-02	1.20152	0.2969E-02	1296.2
162 1352.5	999.7	21.3 0.43565	0.5554E-02	1.20145	0.2927E-02	1303.3
162 1353.0	999.9	21.8 0.43566	0.5582E-02	1.20159	0.3004E-02	1307.2
162 1353.5	999.7	21.7 0.43570	0.5670E-02	1.20145	0.2924E-02	1311.4
162 1354.0	999.8	21.3 0.43567	0.5604E-02	1.20156	0.3018E-02	1316.7
162 1354.5	999.9	21.3 0.43568	0.5619E-02	1.20143	0.2914E-02	1324.8
162 1355.0	999.5	22.3 0.43568	0.5619E-02	1.20150	0.2966E-02	1329.9
162 1355.5	999.8	21.1 0.43571	0.5694E-02	1.20149	0.2963E-02	1333.3
162 1356.0	999.0	22.0 0.43570	0.5664E-02	1.20146	0.2940E-02	1337.7
162 1356.5	999.9	22.0 0.43570	0.5672E-02	1.20156	0.3021E-02	1345.5
162 1357.0	999.4	22.2 0.43572	0.5716E-02	1.20150	0.2966E-02	1350.4
162 1357.5	999.6	21.0 0.43570	0.5679E-02	1.20151	0.2974E-02	1355.3
162 1358.0	999.1	21.8 0.43571	0.5686E-02	1.20152	0.2989E-02	1360.4

162	1358.5	998.7	21.1	0.43573	0.5731E-02	1.20151	0.2976E-02	1365.6
162	1359.0	999.0	22.1	0.43571	0.5694E-02	1.20145	0.2924E-02	1370.7
162	1359.5	998.9	21.7	0.43572	0.5724E-02	1.20141	0.2698E-02	1375.3
162	1360.0	998.9	21.5	0.43570	0.5664E-02	1.20142	0.2904E-02	1381.0
162	1360.5	998.9	22.2	0.43574	0.5764E-02	1.20159	0.3044E-02	1387.1
162	1361.0	998.9	21.3	0.43574	0.5761E-02	1.20154	0.3002E-02	1391.9
162	1361.5	998.9	21.7	0.43576	0.5814E-02	1.20154	0.3005E-02	1396.1
162	1362.0	998.8	21.7	0.43575	0.5784E-02	1.20156	0.3021E-02	1402.7
162	1362.5	998.8	21.9	0.43574	0.5776E-02	1.20150	0.2973E-02	1406.1
162	1363.0	998.9	22.1	0.43575	0.5799E-02	1.20165	0.3099E-02	1411.7
162	1363.5	999.1	21.7	0.43578	0.5866E-02	1.20160	0.3050E-02	1416.4
162	1364.0	999.0	21.7	0.43576	0.5821E-02	1.20152	0.2982E-02	1423.7

163	790.5	999.1	20.4	0.43534	0.3850E-02	1.20731	0.3042E-02	210.3
163	791.0	999.2	20.6	0.43530	0.3757E-02	1.20733	0.3059E-02	211.7
163	791.5	999.0	20.1	0.43535	0.3872E-02	1.20733	0.3055E-02	211.0
163	792.0	999.4	20.6	0.43531	0.3782E-02	1.20731	0.3034E-02	212.5
163	792.5	999.1	20.3	0.43532	0.3820E-02	1.20727	0.3004E-02	206.8
163	793.0	999.7	20.3	0.43534	0.3657E-02	1.20728	0.3013E-02	210.3
163	793.5	999.7	20.5	0.43532	0.3812E-02	1.20727	0.3010E-02	210.3
163	794.0	999.7	21.3	0.43539	0.3977E-02	1.20735	0.3075E-02	201.5
163	794.5	999.1	20.7	0.43541	0.4022E-02	1.20734	0.3062E-02	207.1
163	795.0	1001.0	20.2	0.43540	0.3992E-02	1.20729	0.3020E-02	211.7
163	795.5	1000.6	20.2	0.43541	0.4022E-02	1.20734	0.3065E-02	227.1
163	796.0	1000.4	20.6	0.43542	0.4044E-02	1.20735	0.3071E-02	250.1
163	796.5	999.7	20.4	0.43542	0.4051E-02	1.20740	0.3117E-02	274.5
163	797.0	1000.8	21.0	0.43542	0.4036E-02	1.20723	0.3017E-02	298.7
163	797.5	999.6	20.9	0.43546	0.4134E-02	1.20732	0.3052E-02	324.1
163	798.0	999.4	20.6	0.43543	0.4059E-02	1.20738	0.3097E-02	350.7
163	798.5	999.9	20.4	0.43547	0.4149E-02	1.20733	0.3054E-02	373.4
163	799.0	999.9	20.1	0.43548	0.4179E-02	1.20733	0.3059E-02	398.3
163	799.5	999.7	20.5	0.43547	0.4149E-02	1.20734	0.3068E-02	424.7
163	800.0	999.8	20.7	0.43548	0.4171E-02	1.20731	0.3036E-02	448.1
163	800.5	1000.3	20.5	0.43548	0.4186E-02	1.20736	0.3081E-02	472.5
163	801.0	1000.3	20.5	0.43549	0.4194E-02	1.20735	0.3075E-02	500.9
163	801.5	999.4	20.6	0.43551	0.4253E-02	1.20736	0.3081E-02	529.2
163	802.0	1000.3	20.2	0.43551	0.4238E-02	1.20740	0.3117E-02	556.5
163	802.5	1000.0	20.2	0.43553	0.4291E-02	1.20733	0.3059E-02	562.7
163	803.0	1000.1	20.5	0.43553	0.4306E-02	1.20732	0.3046E-02	609.6
163	803.5	999.3	20.4	0.43557	0.4388E-02	1.20738	0.3097E-02	636.4
163	804.0	1000.0	20.7	0.43559	0.4425E-02	1.20740	0.3113E-02	662.3
163	804.5	1000.0	20.2	0.43561	0.4476E-02	1.20732	0.3046E-02	685.5
163	805.0	999.5	20.5	0.43560	0.4463E-02	1.20738	0.3101E-02	713.6
163	805.5	1000.2	20.8	0.43560	0.4463E-02	1.20734	0.3062E-02	739.4
163	806.0	999.8	20.7	0.43563	0.4530E-02	1.20734	0.3068E-02	766.3
163	806.5	999.7	20.2	0.43562	0.4515E-02	1.20736	0.3076E-02	792.9
163	807.0	999.1	20.7	0.43568	0.4634E-02	1.20736	0.3081E-02	818.8
163	807.5	999.0	20.7	0.43564	0.4560E-02	1.20738	0.3094E-02	847.9
163	808.0	999.4	20.8	0.43567	0.4620E-02	1.20741	0.3123E-02	872.6
163	808.5	999.0	20.7	0.43570	0.4679E-02	1.20738	0.3094E-02	899.4
163	809.0	999.9	20.7	0.43572	0.4739E-02	1.20735	0.3075E-02	924.3
163	809.5	999.5	20.8	0.43571	0.4702E-02	1.20737	0.3088E-02	953.1
163	810.0	999.5	20.5	0.43574	0.4791E-02	1.20740	0.3113E-02	979.0
163	810.5	999.3	20.7	0.43575	0.4799E-02	1.20736	0.3078E-02	1004.6
163	811.0	999.7	20.6	0.43575	0.4800E-02	1.20738	0.3097E-02	1024.8
163	811.5	999.0	20.0	0.43578	0.4866E-02	1.20740	0.3113E-02	1055.2
163	812.0	999.0	20.7	0.43580	0.4926E-02	1.20740	0.3117E-02	1077.7
163	812.5	998.9	20.6	0.43579	0.4896E-02	1.20735	0.3075E-02	1099.6
163	813.0	999.6	20.4	0.43580	0.4926E-02	1.20737	0.3091E-02	1122.3
163	813.5	998.5	20.4	0.43580	0.4911E-02	1.20737	0.3091E-02	1145.3
163	814.0	998.7	20.6	0.43585	0.4986E-02	1.20738	0.3097E-02	1169.5
163	814.5	998.0	20.7	0.43584	0.5008E-02	1.20738	0.3101E-02	1192.4
163	815.0	999.1	20.6	0.43584	0.5120E-02	1.20740	0.3117E-02	1221.0
163	815.5	999.0	20.6	0.43589	0.5120E-02	1.20742	0.3130E-02	1245.4
163	816.0	998.7	20.5	0.43592	0.5186E-02	1.20741	0.3123E-02	1270.8
163	816.5	999.2	20.5	0.43594	0.5207E-02	1.20739	0.3107E-02	1296.9
163	817.0	999.3	21.0	0.43593	0.5218E-02	1.20734	0.3068E-02	1325.5
163	817.5	998.9	20.4	0.43596	0.5292E-02	1.20741	0.3123E-02	1352.1
163	818.0	999.4	20.4	0.43593	0.5337E-02	1.20742	0.3133E-02	1383.4
163	818.5	998.5	20.4	0.43596	0.5345E-02	1.20740	0.3113E-02	1413.2
163	819.0	998.7	20.4	0.43603	0.5442E-02	1.20737	0.3068E-02	1441.0
163	819.5	999.2	20.7	0.43604	0.5472E-02	1.20739	0.3107E-02	1468.6
163	820.0	999.3	21.0	0.43608	0.5561E-02	1.20746	0.3162E-02	1496.5

163	820.5	999.1	20.4	0.43609	0.5584E-02	1.20747	0.3175E-02	1520.4
163	821.0	999.2	20.4	0.43610	0.5621E-02	1.20738	0.3094E-02	1544.4
163	821.5	999.2	20.8	0.43611	0.5629E-02	1.20736	0.3097E-02	1569.2
163	822.0	999.1	20.7	0.43612	0.5659E-02	1.20742	0.3130E-02	1592.2
163	822.5	999.3	20.7	0.43617	0.5763E-02	1.20743	0.3139E-02	1616.4
163	823.0	998.7	20.5	0.43614	0.5703E-02	1.20741	0.3126E-02	1636.6
163	823.5	999.1	20.3	0.43621	0.5653E-02	1.20743	0.3142E-02	1662.3
163	824.0	999.1	20.9	0.43621	0.5653E-02	1.20742	0.3130E-02	1689.4
163	824.5	998.8	20.5	0.43626	0.5906E-02	1.20741	0.3123E-02	1716.7
163	825.0	998.9	20.5	0.43626	0.5906E-02	1.20743	0.3139E-02	1743.5
163	825.5	999.1	20.9	0.43631	0.6045E-02	1.20748	0.3170E-02	1772.9
163	826.0	998.5	20.6	0.43633	0.6130E-02	1.20744	0.3149E-02	1799.4
163	826.5	998.8	20.3	0.43633	0.6152E-02	1.20738	0.3100E-02	1827.1
163	827.0	999.1	20.5	0.43639	0.6272E-02	1.20744	0.3140E-02	1852.7
163	827.5	998.7	20.1	0.43641	0.6310E-02	1.20746	0.3160E-02	1880.1
163	828.0	999.3	20.8	0.43643	0.6369E-02	1.20744	0.3152E-02	1907.4
163	828.5	999.4	20.7	0.43645	0.6406E-02	1.20748	0.3184E-02	1933.1
163	829.0	998.8	20.4	0.43647	0.6458E-02	1.20746	0.3162E-02	1960.4
163	829.5	999.3	20.9	0.43648	0.6448E-02	1.20741	0.3120E-02	1986.4
163	830.0	998.7	20.7	0.43651	0.6504E-02	1.20748	0.3181E-02	2015.4
163	830.5	999.4	20.2	0.43656	0.6675E-02	1.20745	0.3155E-02	2041.8
163	831.0	999.6	20.2	0.43658	0.6720E-02	1.20746	0.3165E-02	2070.8
163	831.5	999.4	20.9	0.43662	0.6810E-02	1.20745	0.3155E-02	2102.1
163	832.0	998.7	20.4	0.43666	0.6892E-02	1.20744	0.3149E-02	2130.9
163	832.5	999.8	20.6	0.43668	0.6937E-02	1.20748	0.3184E-02	2156.0
163	833.0	999.2	20.4	0.43674	0.7094E-02	1.20744	0.3152E-02	2187.8
163	833.5	999.1	20.6	0.43678	0.7183E-02	1.20746	0.3165E-02	2214.2
163	834.0	998.9	20.1	0.43679	0.7191E-02	1.20745	0.3155E-02	2239.8
163	834.5	999.0	20.8	0.43684	0.7311E-02	1.20747	0.3171E-02	2269.6
163	835.0	999.3	21.0	0.43689	0.7423E-02	1.20744	0.3146E-02	2296.9
163	835.5	999.8	20.4	0.43694	0.7542E-02	1.20751	0.3207E-02	2319.9
163	836.0	998.6	20.4	0.43695	0.7565E-02	1.20744	0.3146E-02	2347.0
163	836.5	998.6	20.4	0.43703	0.7759E-02	1.20747	0.3175E-02	2371.7
163	837.0	998.5	20.5	0.43703	0.7744E-02	1.20746	0.3166E-02	2399.0
163	837.5	999.0	20.5	0.43705	0.7804E-02	1.20748	0.3184E-02	2427.4
163	838.0	998.9	20.9	0.43711	0.7936E-02	1.20750	0.3200E-02	2454.7
163	838.5	998.9	20.7	0.43715	0.8021E-02	1.20746	0.3181E-02	2481.6
163	839.0	998.7	20.9	0.43723	0.8202E-02	1.20748	0.3178E-02	2508.9
163	839.5	998.7	20.1	0.43724	0.8237E-02	1.20751	0.3207E-02	2536.8
163	840.0	998.4	20.6	0.43730	0.8387E-02	1.20744	0.3152E-02	2566.3
163	840.5	998.7	20.2	0.43735	0.8499E-02	1.20748	0.3184E-02	2591.7
163	841.0	999.2	20.7	0.43738	0.8566E-02	1.20741	0.3126E-02	2619.3
163	841.5	999.1	20.7	0.43742	0.8664E-02	1.20748	0.3176E-02	2645.2
163	842.0	998.4	20.1	0.43750	0.8824E-02	1.20750	0.3194E-02	2672.0
163	842.5	998.6	19.9	0.43752	0.8995E-02	1.20746	0.3165E-02	2703.1
163	843.0	998.2	20.5	0.43757	0.8992E-02	1.20744	0.3152E-02	2732.6
163	843.5	999.1	20.7	0.43764	0.9164E-02	1.20744	0.3152E-02	2760.7
163	844.0	999.3	20.9	0.43771	0.9324E-02	1.20744	0.3152E-02	2789.7
163	844.5	999.6	20.9	0.43778	0.9493E-02	1.20748	0.3176E-02	2818.3
163	845.0	999.7	20.8	0.43782	0.9568E-02	1.20746	0.3162E-02	2842.7
163	845.5	998.2	20.6	0.43789	0.9740E-02	1.20743	0.3142E-02	2866.4
163	846.0	999.5	20.0	0.43793	0.9830E-02	1.20747	0.3175E-02	2889.6
163	846.5	998.2	20.2	0.43800	0.9994E-02	1.20744	0.3152E-02	2913.6
163	847.0	999.5	20.3	0.43806	0.1014E-01	1.20747	0.3171E-02	2936.1
163	847.5	998.3	20.0	0.43816	0.1037E-01	1.20747	0.3175E-02	2956.0
163	848.0	998.9	20.4	0.43822	0.1049E-01	1.20747	0.3175E-02	2984.4
163	848.5	998.9	20.9	0.43826	0.1059E-01	1.20745	0.3159E-02	3007.3
163	849.0	999.5	21.1	0.43833	0.1075E-01	1.20744	0.3176E-02	3033.0
163	849.5	1000.6	20.6	0.43842	0.1095E-01	1.20742	0.3130E-02	3058.4
163	850.0	999.3	20.6	0.43848	0.1111E-01	1.20747	0.3171E-02	3086.0

163	850.5	999.7	20.4	0.43853	0.1121E-01	1.20734	0.3065E-02	3114.5
163	851.0	999.8	20.5	0.43862	0.1143E-01	1.20743	0.3136E-02	3141.4
163	851.5	1000.3	20.6	0.43873	0.1158E-01	1.20739	0.3110E-02	3170.5
163	852.0	1000.3	20.2	0.43631	0.1186E-01	1.20744	0.3162E-02	3201.5
63	852.5	1000.0	20.6	0.43890	0.1206E-01	1.20732	0.3052E-02	3233.5
163	853.0	999.8	20.1	0.43899	0.1227E-01	1.20746	0.3165E-02	3265.2
163	853.5	1000.0	20.2	0.43910	0.1254E-01	1.20735	0.3075E-02	3296.4
163	854.0	1000.0	20.7	0.43914	0.1272E-01	1.20740	0.3117E-02	3330.6
163	854.5	999.8	21.0	0.43930	0.1300E-01	1.20739	0.3104E-02	3360.4
163	855.0	999.9	21.8	0.43940	0.1323E-01	1.20738	0.3100E-02	3384.6
163	855.5	1000.5	20.7	0.43953	0.1353E-01	1.20734	0.3068E-02	3404.8
163	856.0	1000.6	20.5	0.43963	0.1376E-01	1.20736	0.3078E-02	3435.9
163	856.5	999.9	20.9	0.43975	0.1402E-01	1.20735	0.3075E-02	3461.5
163	857.0	999.7	20.3	0.43987	0.1430E-01	1.20736	0.3078E-02	3484.7
163	857.5	999.8	20.9	0.43997	0.1453E-01	1.20731	0.3036E-02	3504.7
163	858.0	1000.2	20.8	0.44011	0.1466E-01	1.20732	0.3049E-02	3527.5
163	858.5	1000.8	20.3	0.44024	0.1515E-01	1.20731	0.3042E-02	3548.2
163	859.0	1000.5	20.2	0.44037	0.1547E-01	1.20726	0.2997E-02	3571.7
163	859.5	1000.5	21.1	0.44050	0.1576E-01	1.20731	0.3036E-02	3595.8
163	860.0	1000.7	20.6	0.44066	0.1612E-01	1.20732	0.3046E-02	3617.6
163	860.5	1000.8	21.2	0.44078	0.1640E-01	1.20727	0.3004E-02	3643.2
163	861.0	1001.5	20.8	0.44091	0.1671E-01	1.20722	0.2968E-02	3666.2
163	861.5	1000.6	20.9	0.44109	0.1712E-01	1.20718	0.2936E-02	3696.5
163	862.0	1001.0	20.7	0.44120	0.1736E-01	1.20717	0.2920E-02	3726.4
163	862.5	1000.7	21.0	0.44141	0.1787E-01	1.20716	0.2913E-02	3752.6
163	863.0	1000.4	20.8	0.44158	0.1825E-01	1.20711	0.2875E-02	3781.0
163	863.5	1000.6	20.3	0.44178	0.1872E-01	1.20709	0.2855E-02	3812.5
163	864.0	1000.5	20.7	0.44196	0.1913E-01	1.20711	0.2871E-02	3848.8
163	864.5	1000.9	21.3	0.44217	0.1961E-01	1.20707	0.2834E-02	3883.5
163	865.0	1000.7	20.8	0.44237	0.2006E-01	1.20704	0.2817E-02	3916.5
63	865.5	1000.5	20.5	0.44260	0.2061E-01	1.20696	0.2768E-02	3950.2
163	866.0	1000.5	20.5	0.44287	0.2121E-01	1.20696	0.2752E-02	3976.8
163	866.5	1001.1	20.6	0.44308	0.2171E-01	1.20696	0.2749E-02	4007.3
163	867.0	1000.9	21.0	0.44335	0.2233E-01	1.20684	0.2652E-02	4034.2
163	867.5	1000.4	21.0	0.44361	0.2293E-01	1.20685	0.2655E-02	4055.7
163	868.0	1000.4	20.4	0.44384	0.2355E-01	1.20685	0.2655E-02	4082.4
163	868.5	1000.1	20.9	0.44417	0.2422E-01	1.20674	0.2565E-02	4105.7
163	869.0	1000.3	20.7	0.44443	0.2482E-01	1.20666	0.2520E-02	4127.5
163	869.5	1000.5	20.9	0.44477	0.2559E-01	1.20661	0.2455E-02	4146.0
163	870.0	1000.5	20.8	0.44506	0.2627E-01	1.20659	0.2445E-02	4166.8
163	870.5	999.9	20.4	0.44539	0.2704E-01	1.20657	0.2426E-02	4186.8
163	871.0	1000.1	20.4	0.44571	0.2777E-01	1.20645	0.2323E-02	4209.5
163	871.5	999.5	20.9	0.44604	0.2853E-01	1.20639	0.2274E-02	4233.5
163	872.0	1000.2	21.5	0.44642	0.2941E-01	1.20629	0.2184E-02	4259.1
163	872.5	1000.0	20.6	0.44687	0.3045E-01	1.20626	0.2165E-02	4282.8
163	873.0	999.7	20.9	0.44724	0.3131E-01	1.20618	0.2100E-02	4309.6
163	873.5	1000.4	21.3	0.44766	0.3226E-01	1.20604	0.1967E-02	4334.7
163	874.0	1000.3	21.0	0.44812	0.3333E-01	1.20595	0.1910E-02	4373.6
163	874.5	1000.7	21.3	0.44861	0.3468E-01	1.20584	0.1816E-02	4405.1
163	875.0	1000.6	21.2	0.44924	0.3590E-01	1.20574	0.1733E-02	4440.0
163	875.5	1001.2	21.5	0.44965	0.3732E-01	1.20561	0.1626E-02	4475.1
163	876.0	1000.8	21.3	0.45054	0.3891E-01	1.20542	0.1471E-02	4514.0
163	876.5	1001.4	21.3	0.45125	0.4054E-01	1.20524	0.1316E-02	4547.5
163	877.0	1001.5	21.1	0.45203	0.4235E-01	1.20505	0.1156E-02	4580.2
163	877.5	1001.2	20.8	0.45289	0.4433E-01	1.20481	0.9614E-03	4607.2
163	878.0	1002.0	21.1	0.45384	0.4651E-01	1.20447	0.6776E-03	4635.7
63	878.5	1002.5	21.0	0.45489	0.4894E-01	1.20431	0.5485E-03	4660.6
163	879.0	1002.2	21.1	0.45602	0.5155E-01	1.20395	0.2451E-03	4686.2
163	879.5	1003.2	21.2	0.45726	0.5440E-01	1.20357	0.6775E-04	4706.7
163	880.0	1002.7	21.3	0.45865	0.5762E-01	1.20311	0.4485E-03	4728.2

163	880.5	1002.9	21.6	0.46020	0.6119E-01	1.20248	-.9712E-03	4749.0
163	881.0	1003.5	21.8	0.46209	0.6554E-01	1.20182	-.1523E-02	4766.3
163	881.5	1004.2	22.3	0.46411	0.7020E-01	1.20105	-.2162E-02	4786.0
163	882.0	1004.2	22.3	0.46645	0.7549E-01	1.20009	-.2455E-02	4806.8
163	882.5	1005.0	23.1	0.46957	0.8279E-01	1.19849	-.4265E-02	4826.6
163	883.0	1005.4	23.4	0.47325	0.9128E-01	1.19627	-.6130E-02	4846.6
163	883.5	1005.8	35.3	0.47723	0.1004E+00	1.18709	-.1376E-01	4853.5

164	724.0	998.2	20.9	0.43516	0.3956E-02	1.19030	0.2374E-02	21.5
164	724.5	998.0	20.8	0.43518	0.4001E-02	1.19026	0.2342E-02	22.0
164	725.0	998.3	20.5	0.43520	0.4031E-02	1.19032	0.2391E-02	22.0
164	725.5	998.4	20.3	0.43518	0.3946E-02	1.19026	0.2361E-02	21.5
164	726.0	998.4	20.7	0.43520	0.4046E-02	1.19544	0.6707E-02	22.2
164	726.5	998.7	21.2	0.43517	0.3471E-02	1.19471	0.6093E-02	21.5
164	727.0	998.1	21.0	0.43520	0.4039E-02	1.19027	0.2348E-02	21.7
164	727.5	997.9	20.7	0.43518	0.3986E-02	1.19022	0.2312E-02	20.0
164	728.0	998.2	21.1	0.43518	0.3994E-02	1.19032	0.2394E-02	21.5
164	728.5	998.5	20.5	0.43518	0.4001E-02	1.19041	0.2472E-02	21.5
164	729.0	998.2	20.5	0.43516	0.3956E-02	1.19032	0.2391E-02	213.9
164	729.5	998.5	20.6	0.43519	0.4016E-02	1.19027	0.2355E-02	215.0
164	730.0	998.2	20.8	0.43517	0.3964E-02	1.19549	0.1674E-02	215.1
164	730.5	998.0	20.7	0.43520	0.4039E-02	1.19045	0.2505E-02	218.3
164	731.0	998.3	21.1	0.43518	0.3986E-02	1.19025	0.2336E-02	218.6
164	731.5	998.2	20.3	0.43513	0.3881E-02	1.19021	0.2306E-02	218.8
164	732.0	998.5	21.2	0.43518	0.3986E-02	1.19021	0.2302E-02	221.5
164	732.5	998.7	21.2	0.43519	0.4016E-02	1.19464	0.6204E-02	222.5
164	733.0	998.5	20.6	0.43517	0.3971E-02	1.19564	0.6874E-02	220.5
164	733.5	998.7	21.2	0.43519	0.4009E-02	1.19032	0.2391E-02	224.2
164	734.0	997.4	20.7	0.43519	0.4016E-02	1.19393	0.5432E-02	224.4
164	734.5	998.6	20.6	0.43517	0.3979E-02	1.19019	0.2283E-02	224.7
164	735.0	998.1	21.1	0.43518	0.3946E-02	1.19032	0.2391E-02	225.4
164	735.5	998.0	20.4	0.43519	0.4009E-02	1.19022	0.2312E-02	225.4
164	736.0	998.4	20.7	0.43523	0.4096E-02	1.19032	0.2391E-02	211.7
164	736.5	999.0	20.5	0.43523	0.4106E-02	1.19041	0.2469E-02	216.4
164	737.0	999.7	20.8	0.43523	0.4098E-02	1.19099	0.2201E-02	217.6
164	737.5	999.7	20.9	0.43525	0.4151E-02	1.19029	0.2368E-02	218.3
164	738.0	999.5	20.7	0.43522	0.4091E-02	1.19034	0.2407E-02	218.8
164	738.5	998.9	20.8	0.43520	0.4031E-02	1.19014	0.2273E-02	222.2
164	739.0	998.6	21.2	0.43523	0.4096E-02	1.19039	0.2443E-02	223.0
164	739.5	998.6	21.3	0.43524	0.4128E-02	1.19020	0.2292E-02	223.0
164	740.0	998.5	20.9	0.43524	0.4136E-02	1.19040	0.2454E-02	224.4
164	740.5	998.8	20.7	0.43526	0.4184E-02	1.19454	0.5952E-02	223.9
164	741.0	998.7	20.9	0.43525	0.4151E-02	1.19031	0.2384E-02	224.6
164	741.5	998.8	20.9	0.43525	0.4151E-02	1.19025	0.2358E-02	225.2
164	742.0	998.8	20.9	0.43527	0.4211E-02	1.19022	0.2312E-02	226.1
164	742.5	998.6	21.1	0.43527	0.4293E-02	1.19024	0.2324E-02	226.6
164	743.0	998.3	21.1	0.43526	0.4186E-02	1.19020	0.2292E-02	225.9
164	743.5	998.6	20.9	0.43527	0.4203E-02	1.19034	0.2410E-02	227.1
164	744.0	998.2	20.9	0.43525	0.4143E-02	1.19027	0.2340E-02	227.1
164	744.5	998.2	21.0	0.43526	0.4166E-02	1.19019	0.2283E-02	226.1
164	745.0	998.5	20.7	0.43526	0.4166E-02	1.19446	0.5880E-02	226.6
164	745.5	998.1	20.9	0.43524	0.4124E-02	1.19013	0.2237E-02	226.6
164	746.0	998.4	20.8	0.43525	0.4158E-02	1.19494	0.6282E-02	226.6
164	746.5	998.5	20.3	0.43526	0.4173E-02	1.19043	0.2455E-02	227.1
164	747.0	998.2	20.7	0.43526	0.4173E-02	1.19030	0.2374E-02	226.6
164	747.5	998.0	21.1	0.43524	0.4225E-02	1.19007	0.2145E-02	227.1
164	748.0	998.0	20.8	0.43525	0.4186E-02	1.19023	0.2322E-02	226.4
164	748.5	998.2	21.0	0.43525	0.4158E-02	1.19604	0.7206E-02	227.6
164	749.0	998.0	20.4	0.43526	0.4173E-02	1.19471	0.6093E-02	226.4
164	749.5	998.5	20.9	0.43526	0.4173E-02	1.19034	0.2413E-02	226.6
164	750.0	998.1	20.6	0.43525	0.4151E-02	1.19030	0.2374E-02	227.4
164	750.5	998.1	20.9	0.43526	0.4173E-02	1.19025	0.2335E-02	226.4
164	751.0	998.0	20.6	0.43524	0.4240E-02	1.19035	0.2421E-02	227.4
164	751.5	998.1	21.3	0.43524	0.4246E-02	1.19039	0.2453E-02	226.4
164	752.0	998.0	21.2	0.43527	0.4196E-02	1.19041	0.2472E-02	226.4
164	752.5	998.1	20.7	0.43528	0.4225E-02	1.19025	0.2332E-02	226.6
164	753.0	998.3	20.7	0.43526	0.4141E-02	1.19031	0.2344E-02	226.9
164	753.5	998.2	20.8	0.43527	0.4196E-02	1.19026	0.2342E-02	226.4

164	754.0	999.9	20.7	0.43526	0.4181E-02	1.19577	0.6945E-02	220.1
164	754.5	998.7	20.6	0.43524	0.4240E-02	1.19024	0.2325E-02	226.9
164	755.0	998.2	20.6	0.43527	0.4168E-02	1.14510	0.6420E-02	225.9
164	755.5	998.5	21.0	0.43528	0.4225E-02	1.19040	0.2450E-02	226.9
164	756.0	998.6	20.8	0.43529	0.4240E-02	1.19024	0.2325E-02	226.9
164	756.5	998.7	20.8	0.43528	0.4225E-02	1.20292	0.1301E-01	226.9
164	757.0	998.8	21.1	0.43528	0.4233E-02	1.19603	0.7205E-02	225.9
164	757.5	998.8	20.4	0.43527	0.4210E-02	1.14000	0.7175E-02	225.9
164	758.0	998.8	21.0	0.43527	0.4203E-02	1.19027	0.2351E-02	226.9
164	758.5	998.3	20.6	0.43526	0.4173E-02	1.19028	0.2364E-02	225.2
164	759.0	998.7	21.0	0.43527	0.4196E-02	1.19030	0.2374E-02	226.4
164	759.5	998.0	20.6	0.43529	0.4248E-02	1.19040	0.2463E-02	220.1
164	760.0	998.3	21.1	0.43530	0.4275E-02	1.18143	0.5090E-02	420.8
164	760.5	998.4	20.6	0.43534	0.4360E-02	1.19040	0.2459E-02	424.4
164	761.0	998.6	20.6	0.43537	0.4427E-02	1.19025	0.2332E-02	430.0
164	761.5	998.7	20.7	0.43536	0.4405E-02	1.19027	0.2348E-02	434.7
164	762.0	998.7	20.7	0.43537	0.4435E-02	1.19024	0.2326E-02	440.5
164	762.5	998.7	21.0	0.43536	0.4405E-02	1.19032	0.2394E-02	445.2
164	763.0	998.6	20.3	0.43539	0.4450E-02	1.19032	0.2394E-02	450.5
164	763.5	998.4	20.3	0.43537	0.4435E-02	1.19025	0.2335E-02	455.2
164	764.0	998.7	20.5	0.43536	0.4405E-02	1.19017	0.2270E-02	460.1
164	764.5	998.5	20.3	0.43540	0.4502E-02	1.19556	0.6809E-02	465.7
164	765.0	998.6	20.4	0.43542	0.4537E-02	1.19024	0.2329E-02	469.4
164	765.5	998.5	20.4	0.43540	0.4510E-02	1.19035	0.2420E-02	475.5
164	766.0	997.9	21.1	0.43541	0.4525E-02	1.19048	0.2528E-02	480.6
164	766.5	998.4	20.4	0.43541	0.4525E-02	1.19614	0.7296E-02	484.2
164	767.0	998.3	20.7	0.43542	0.4540E-02	1.19504	0.7208E-02	491.1
164	767.5	998.0	20.5	0.43542	0.4540E-02	1.19025	0.2338E-02	496.7
164	768.0	998.0	20.9	0.43541	0.4517E-02	1.19032	0.2394E-02	502.3
164	768.5	998.0	20.2	0.43542	0.4547E-02	1.19621	0.7352E-02	506.7
164	769.0	998.2	20.1	0.43540	0.4510E-02	1.19052	0.2564E-02	512.8
164	769.5	998.5	20.4	0.43543	0.4577E-02	1.19607	0.8925E-02	517.2
164	770.0	998.4	20.5	0.43544	0.4599E-02	1.19033	0.2404E-02	523.6
164	770.5	998.4	20.1	0.43542	0.4547E-02	1.19634	0.7463E-02	528.7
164	771.0	998.7	20.4	0.43542	0.4547E-02	1.19032	0.2394E-02	534.3
164	771.5	998.9	20.6	0.43543	0.4562E-02	1.19036	0.2427E-02	539.9
164	772.0	998.4	20.4	0.43543	0.4562E-02	1.19630	0.7430E-02	545.1
164	772.5	998.2	20.7	0.43543	0.4577E-02	1.19040	0.2459E-02	549.7
164	773.0	998.1	20.7	0.43542	0.4547E-02	1.19047	0.2521E-02	555.0
164	773.5	998.1	20.4	0.43543	0.4562E-02	1.19592	0.7110E-02	560.9
164	774.0	998.9	20.7	0.43545	0.4614E-02	1.19611	0.7270E-02	565.4
164	774.5	998.4	20.0	0.43544	0.4592E-02	1.19031	0.2384E-02	571.7
164	775.0	998.3	20.3	0.43545	0.4622E-02	1.19038	0.2443E-02	576.8
164	775.5	998.4	20.6	0.43547	0.4652E-02	1.19030	0.2381E-02	580.7
164	776.0	998.5	20.4	0.43547	0.4659E-02	1.19521	0.6514E-02	587.3
164	776.5	998.2	20.6	0.43545	0.4622E-02	1.19042	0.2479E-02	591.9
164	777.0	998.8	20.3	0.43547	0.4652E-02	1.19037	0.2440E-02	598.3
164	777.5	998.7	20.2	0.43545	0.4674E-02	1.19040	0.2459E-02	602.9
164	778.0	998.8	20.6	0.43548	0.4682E-02	1.19037	0.2437E-02	605.9
164	778.5	998.9	20.4	0.43549	0.4706E-02	1.19034	0.2410E-02	613.4
164	779.0	998.6	20.5	0.43547	0.4659E-02	1.19030	0.2391E-02	619.6
164	779.5	999.1	20.6	0.43548	0.4674E-02	1.19034	0.2414E-02	623.0
164	780.0	998.9	20.5	0.43548	0.4689E-02	1.19038	0.2443E-02	627.1
164	780.5	998.5	20.3	0.43547	0.4654E-02	1.19037	0.2440E-02	633.7
164	781.0	999.1	20.6	0.43551	0.4742E-02	1.19033	0.2404E-02	637.4
164	781.5	998.5	20.7	0.43549	0.4712E-02	1.19023	0.2322E-02	642.2
164	782.0	998.9	20.4	0.43549	0.4712E-02	1.19614	0.7293E-02	648.5
164	782.5	998.6	20.2	0.43549	0.4712E-02	1.19034	0.2456E-02	655.4
164	783.0	998.4	20.6	0.43550	0.4734E-02	1.19030	0.2378E-02	659.1
164	783.5	998.5	20.8	0.43551	0.4764E-02	1.19044	0.2499E-02	665.0

164	811.0	997.9	20.6	0.43550	0.4727E-02	1.19025	0.2338E-02	671.1
164	811.5	998.2	20.6	0.43550	0.4719E-02	1.19043	0.2485E-02	675.9
164	812.0	998.5	20.8	0.43551	0.4764E-02	1.19030	0.2370E-02	681.1
164	812.5	998.0	20.7	0.43551	0.4757E-02	1.19038	0.2443E-02	686.2
54	813.0	998.3	20.2	0.43551	0.4764E-02	1.19037	0.2433E-02	692.8
164	813.5	998.4	20.9	0.43550	0.4719E-02	1.19037	0.2433E-02	698.9
164	814.0	998.5	20.8	0.43553	0.4809E-02	1.19042	0.2462E-02	703.3
164	814.5	998.3	20.0	0.43555	0.4846E-02	1.19028	0.2361E-02	707.7
164	815.0	997.7	20.7	0.43553	0.4809E-02	1.19578	0.6449E-02	714.0
164	815.5	998.2	20.4	0.43553	0.4801E-02	1.19672	0.7768E-02	718.4
164	816.0	997.9	20.3	0.43553	0.4801E-02	1.19035	0.2420E-02	724.5
164	816.5	998.6	20.6	0.43556	0.4861E-02	1.19407	0.5550E-02	729.7
164	817.0	997.9	20.3	0.43557	0.4884E-02	1.19038	0.2446E-02	733.1
164	817.5	997.9	20.4	0.43554	0.4831E-02	1.19049	0.2538E-02	740.2
164	818.0	998.2	20.3	0.43556	0.4864E-02	1.19037	0.2433E-02	744.6
164	818.5	997.7	20.5	0.43555	0.4854E-02	1.19040	0.2459E-02	750.9
164	819.0	998.1	20.3	0.43555	0.4846E-02	1.19022	0.2312E-02	755.1
164	819.5	997.9	20.5	0.43557	0.4891E-02	1.19043	0.2464E-02	760.9
164	820.0	997.9	20.3	0.43556	0.4875E-02	1.19039	0.2449E-02	764.3
164	820.5	997.8	20.6	0.43555	0.4854E-02	1.19027	0.2348E-02	770.7
164	821.0	997.8	20.5	0.43553	0.4809E-02	1.19044	0.2494E-02	776.3
164	821.5	998.2	21.3	0.43557	0.4891E-02	1.19375	0.5265E-02	781.4
164	822.0	998.0	20.4	0.43556	0.4864E-02	1.19025	0.2358E-02	786.3
164	822.5	997.6	20.4	0.43554	0.4928E-02	1.19049	0.2532E-02	790.0
164	823.0	997.6	20.4	0.43558	0.4921E-02	1.19036	0.2430E-02	796.8
164	823.5	997.7	20.9	0.43557	0.4899E-02	1.19047	0.2518E-02	801.7
164	824.0	997.9	20.2	0.43560	0.4951E-02	1.19046	0.2515E-02	807.3
164	824.5	997.8	21.0	0.43559	0.4943E-02	1.19040	0.2463E-02	812.2
164	825.0	997.3	20.2	0.43559	0.4926E-02	1.19045	0.2505E-02	817.1
164	825.5	998.0	20.6	0.43560	0.4951E-02	1.19034	0.2407E-02	823.4
54	826.0	997.6	20.5	0.43560	0.4951E-02	1.19456	0.5466E-02	828.3
164	826.5	997.9	20.4	0.43561	0.4981E-02	1.19032	0.2391E-02	832.0
164	827.0	997.6	20.9	0.43560	0.4966E-02	1.19024	0.2325E-02	839.3
164	827.5	998.2	20.7	0.43559	0.4943E-02	1.19031	0.2387E-02	843.0
164	828.0	998.2	20.6	0.43562	0.5018E-02	1.19038	0.2446E-02	847.4
164	828.5	998.0	20.1	0.43560	0.4958E-02	1.19024	0.2325E-02	854.0
164	829.0	998.0	20.2	0.43560	0.4966E-02	1.19035	0.2420E-02	859.1
164	829.5	998.0	20.6	0.43561	0.4986E-02	1.19032	0.2397E-02	864.7
164	830.0	998.0	21.3	0.43565	0.5086E-02	1.19025	0.2332E-02	869.6
164	830.5	997.8	20.8	0.43563	0.5041E-02	1.19033	0.2400E-02	875.0
164	831.0	998.3	20.7	0.43563	0.5026E-02	1.19026	0.2345E-02	879.1
164	831.5	998.2	20.3	0.43564	0.5063E-02	1.19052	0.2561E-02	884.5
164	832.0	998.3	20.2	0.43565	0.5086E-02	1.19034	0.2407E-02	890.1
164	832.5	997.9	20.4	0.43566	0.5101E-02	1.19036	0.2430E-02	896.0
164	833.0	998.1	20.6	0.43564	0.5056E-02	1.19032	0.2391E-02	899.4
164	833.5	998.0	20.3	0.43564	0.5063E-02	1.19525	0.7074E-02	906.7
164	834.0	998.3	20.7	0.43569	0.5160E-02	1.19038	0.2446E-02	910.1
164	834.5	998.2	20.2	0.43567	0.5115E-02	1.19041	0.2469E-02	914.5
164	835.0	998.2	20.6	0.43566	0.5106E-02	1.19040	0.2459E-02	921.6
164	835.5	998.3	20.4	0.43571	0.5205E-02	1.19029	0.2371E-02	927.0
164	836.0	998.1	20.3	0.43568	0.5153E-02	1.19039	0.2456E-02	931.5
164	836.5	998.1	20.7	0.43569	0.5160E-02	1.19034	0.2413E-02	937.7
164	837.0	997.8	20.5	0.43569	0.5160E-02	1.19040	0.2466E-02	940.4
164	837.5	997.7	20.7	0.43569	0.5172E-02	1.19035	0.2420E-02	947.3
164	838.0	998.3	20.4	0.43571	0.5220E-02	1.19025	0.2332E-02	953.4
164	838.5	998.0	20.7	0.43574	0.5153E-02	1.19033	0.2404E-02	959.0
4	839.0	997.8	20.6	0.43572	0.5235E-02	1.19032	0.2397E-02	962.9
164	839.5	997.4	20.3	0.43570	0.5183E-02	1.19028	0.2356E-02	969.7
164	840.0	997.6	20.2	0.43570	0.5183E-02	1.19024	0.2328E-02	973.4
164	840.5	998.5	20.7	0.43567	0.5123E-02	1.19024	0.2326E-02	976.3

164	841.0	998.0	20.3	0.43572	0.5235E-02	1.19291	0.4575E-02	960.5
164	841.5	998.0	20.6	0.43572	0.5243E-02	1.19036	0.2427E-02	988.3
164	842.0	998.1	20.7	0.43573	0.5250E-02	1.19037	0.2440E-02	993.4
164	842.5	998.2	20.8	0.43573	0.5229E-02	1.19042	0.2479E-02	999.3
164	843.0	998.4	20.6	0.43574	0.5287E-02	1.19049	0.2534E-02	1003.9
164	843.5	998.3	20.2	0.43575	0.5310E-02	1.19319	0.4814E-02	1009.5
164	844.0	998.3	20.6	0.43575	0.5317E-02	1.19026	0.2355E-02	1013.7
164	844.5	998.3	20.4	0.43574	0.5272E-02	1.19039	0.2404E-02	1019.5
164	845.0	998.4	20.5	0.43574	0.5295E-02	1.19023	0.2364E-02	1024.4
164	845.5	998.4	21.0	0.43574	0.5240E-02	1.19035	0.2420E-02	1029.5
164	846.0	998.5	20.4	0.43575	0.5317E-02	1.19577	0.6982E-02	1035.2
164	846.5	998.4	20.5	0.43576	0.5325E-02	1.19031	0.2387E-02	1040.0
164	847.0	998.1	20.9	0.43579	0.5392E-02	1.19035	0.2420E-02	1045.7
164	847.5	998.2	20.8	0.43579	0.5392E-02	1.19027	0.2351E-02	1050.5
164	848.0	998.1	20.6	0.43576	0.5332E-02	1.19373	0.5262E-02	1054.9
164	848.5	998.5	20.6	0.43576	0.5325E-02	1.19036	0.2427E-02	1060.8
164	849.0	998.2	20.4	0.43579	0.5400E-02	1.19384	0.5357E-02	1065.4
164	849.5	998.1	21.0	0.43579	0.5400E-02	1.19039	0.2453E-02	1071.3
164	850.0	997.7	20.5	0.43581	0.5452E-02	1.19037	0.2433E-02	1075.7
164	850.5	998.3	20.5	0.43579	0.5400E-02	1.19026	0.2342E-02	1082.3
164	851.0	998.4	20.3	0.43576	0.5346E-02	1.19027	0.2355E-02	1086.2
164	851.5	998.3	20.6	0.43579	0.5400E-02	1.19544	0.7594E-02	1092.3
164	852.0	998.1	20.2	0.43580	0.5422E-02	1.19031	0.2384E-02	1097.7
164	852.5	997.9	20.3	0.43581	0.5437E-02	1.19031	0.2437E-02	1103.1
164	853.0	997.9	20.3	0.43581	0.5437E-02	1.19044	0.2492E-02	1107.0
164	853.5	998.5	20.5	0.43579	0.5407E-02	1.19037	0.2433E-02	1113.8
164	854.0	998.3	20.3	0.43581	0.5437E-02	1.19042	0.2479E-02	1119.7
164	854.5	998.2	20.2	0.43583	0.5482E-02	1.19037	0.2436E-02	1124.3
164	855.0	998.1	20.4	0.43583	0.5497E-02	1.19023	0.2366E-02	1130.6
164	855.5	997.9	20.6	0.43585	0.5527E-02	1.19040	0.2463E-02	1135.8
164	856.0	997.8	20.5	0.43582	0.5459E-02	1.19578	0.6995E-02	1140.7
164	856.5	997.9	20.4	0.43583	0.5482E-02	1.19037	0.2440E-02	1147.7
164	857.0	997.6	21.1	0.43584	0.5504E-02	1.19039	0.2453E-02	1151.9
164	857.5	998.3	20.0	0.43586	0.5557E-02	1.19029	0.2368E-02	1157.8
164	858.0	998.0	20.7	0.43586	0.5572E-02	1.19036	0.2430E-02	1162.6
164	858.5	998.1	20.7	0.43586	0.5584E-02	1.19034	0.2410E-02	1166.0
164	859.0	998.1	21.1	0.43589	0.5639E-02	1.19027	0.2351E-02	1174.1
164	859.5	998.3	20.9	0.43584	0.5602E-02	1.19048	0.2531E-02	1179.2
164	860.0	997.9	20.5	0.43588	0.5616E-02	1.19033	0.2443E-02	1183.9
164	860.5	998.1	20.6	0.43587	0.5587E-02	1.19029	0.2368E-02	1188.8
164	861.0	997.9	20.5	0.43590	0.5611E-02	1.19039	0.2453E-02	1194.4
164	861.5	997.5	20.2	0.43591	0.5684E-02	1.19026	0.2361E-02	1199.3
164	862.0	997.9	20.7	0.43591	0.5644E-02	1.19028	0.2361E-02	1205.0
164	862.5	997.8	20.4	0.43592	0.5708E-02	1.19048	0.2531E-02	1212.2
164	863.0	997.6	20.6	0.43591	0.5609E-02	1.19027	0.2342E-02	1216.8
164	863.5	997.7	20.6	0.43590	0.5601E-02	1.19051	0.2554E-02	1221.0
164	864.0	997.7	20.2	0.43594	0.5736E-02	1.19044	0.2495E-02	1226.6
164	864.5	997.6	20.8	0.43592	0.5699E-02	1.19046	0.2515E-02	1232.2
164	865.0	998.0	20.7	0.43593	0.5721E-02	1.19049	0.2486E-02	1236.1
164	865.5	998.1	20.5	0.43592	0.5691E-02	1.19047	0.2525E-02	1242.2
164	866.0	997.8	20.5	0.43595	0.5759E-02	1.19051	0.2607E-02	1248.6
164	866.5	998.0	20.7	0.43594	0.5751E-02	1.19034	0.2407E-02	1252.5
164	867.0	997.8	21.1	0.43595	0.5774E-02	1.19044	0.2495E-02	1257.6
164	867.5	998.1	20.4	0.43596	0.5795E-02	1.19036	0.2427E-02	1262.6
164	868.0	997.6	20.7	0.43595	0.5774E-02	1.19044	0.2494E-02	1269.1
164	868.5	998.0	20.2	0.43596	0.5784E-02	1.19052	0.2613E-02	1273.7
164	869.0	997.9	20.5	0.43596	0.5781E-02	1.19050	0.2544E-02	1280.3
164	869.5	998.2	20.4	0.43596	0.5781E-02	1.19032	0.2397E-02	1284.7
164	870.0	998.0	20.4	0.43597	0.5803E-02	1.19039	0.2456E-02	1289.9
164	870.5	998.0	19.8	0.43597	0.5816E-02	1.19048	0.2528E-02	1293.8

164	871.0	997.4	20.5	0.43600	0.5825E-02	1.19038	0.2443E-02	1300.9
164	871.5	997.4	21.1	0.43598	0.5833E-02	1.19023	0.2315E-02	1306.0
164	872.0	997.4	20.8	0.43600	0.5803E-02	1.19023	0.2322E-02	1312.1
164	872.5	997.7	21.0	0.43602	0.5935E-02	1.19041	0.2469E-02	1317.5
54	873.0	997.7	21.1	0.43602	0.5935E-02	1.19045	0.2505E-02	1321.4
164	873.5	997.7	20.6	0.43601	0.5915E-02	1.19033	0.2404E-02	1327.7
164	874.0	997.9	20.4	0.43602	0.5923E-02	1.19049	0.2536E-02	1332.6
164	874.5	997.7	21.1	0.43603	0.5946E-02	1.19054	0.2544E-02	1338.0
164	875.0	998.0	20.6	0.43604	0.5983E-02	1.19045	0.2502E-02	1342.4
164	875.5	997.8	20.6	0.43604	0.5968E-02	1.19042	0.2473E-02	1349.0
164	876.0	998.0	20.4	0.43604	0.5976E-02	1.19043	0.2485E-02	1353.1
164	876.5	998.0	20.7	0.43607	0.6035E-02	1.19421	0.5674E-02	1360.2

165	659.5	999.2	20.1	0.43521	0.3903E-02	1.20910	0.2770E-02	90.4
5	660.0	998.6	19.9	0.43490	0.3145E-02	1.20912	0.2792E-02	96.2
05	660.5	998.8	20.4	0.43521	0.3903E-02	1.20911	0.2779E-02	95.0
165	661.0	998.5	19.7	0.43520	0.3881E-02	1.20911	0.2786E-02	94.7
165	661.5	998.4	19.7	0.43522	0.3911E-02	1.20907	0.2747E-02	94.5
165	662.0	998.5	20.0	0.43520	0.3880E-02	1.20914	0.2805E-02	92.1
165	662.5	998.4	19.8	0.43519	0.3050E-02	1.20913	0.2796E-02	92.3
165	663.0	998.4	19.7	0.43521	0.3696E-02	1.20912	0.2792E-02	89.6
165	663.5	998.3	19.9	0.43522	0.3918E-02	1.20905	0.2731E-02	89.4
165	664.0	998.2	19.7	0.43521	0.3896E-02	1.20907	0.2750E-02	87.7
165	665.5	998.9	20.3	0.43522	0.3926E-02	1.20915	0.2815E-02	229.8
165	666.0	998.8	20.4	0.43524	0.3956E-02	1.20915	0.2812E-02	234.7
165	666.5	998.7	19.7	0.43526	0.4015E-02	1.20906	0.2736E-02	245.2
165	667.0	998.9	20.0	0.43527	0.4045E-02	1.20912	0.2792E-02	262.8
165	667.5	998.7	20.2	0.43529	0.4075E-02	1.20908	0.2760E-02	284.5
165	668.0	998.0	19.7	0.43528	0.4075E-02	1.20910	0.2773E-02	309.8
165	668.5	998.0	19.9	0.43530	0.4105E-02	1.20913	0.2796E-02	336.5
165	669.0	998.5	20.4	0.43530	0.4096E-02	1.20912	0.2792E-02	360.7
165	669.5	999.2	19.8	0.43530	0.4113E-02	1.20912	0.2792E-02	380.3
165	670.0	998.6	19.9	0.43530	0.4105E-02	1.20916	0.2824E-02	413.7
165	670.5	998.6	20.1	0.43531	0.4135E-02	1.20908	0.2757E-02	439.6
165	671.0	999.2	20.0	0.43500	0.3802E-02	1.20916	0.2821E-02	466.2
165	671.5	998.6	19.9	0.43536	0.4243E-02	1.20910	0.2773E-02	491.3
165	672.0	998.9	19.9	0.43535	0.4217E-02	1.20918	0.2837E-02	515.3
165	672.5	999.1	20.1	0.43537	0.4270E-02	1.20915	0.2812E-02	543.3
165	673.0	998.7	20.1	0.43536	0.4247E-02	1.20911	0.2786E-02	568.0
165	673.5	999.2	20.0	0.43512	0.3694E-02	1.20915	0.2815E-02	593.7
5	674.0	998.8	20.1	0.43540	0.4344E-02	1.20915	0.2812E-02	618.8
165	674.5	999.1	20.2	0.43543	0.4397E-02	1.20917	0.2826E-02	644.2
165	675.0	998.9	20.3	0.43541	0.4367E-02	1.20915	0.2815E-02	669.8
165	675.5	998.7	20.2	0.43543	0.4404E-02	1.20916	0.2824E-02	694.3
165	676.0	999.1	20.4	0.43545	0.4457E-02	1.20911	0.2779E-02	718.2
165	676.5	998.7	20.1	0.43543	0.4412E-02	1.20914	0.2805E-02	744.9
165	677.0	999.2	20.0	0.43546	0.4479E-02	1.20917	0.2831E-02	772.9
165	677.5	998.6	20.1	0.43549	0.4539E-02	1.20916	0.2825E-02	801.7
165	678.0	999.0	20.1	0.43550	0.4561E-02	1.20921	0.2863E-02	828.2
165	678.5	999.0	19.9	0.43552	0.4606E-02	1.20917	0.2834E-02	854.9
165	679.0	999.4	20.1	0.43553	0.4636E-02	1.20915	0.2816E-02	881.8
165	679.5	998.7	20.2	0.43520	0.3673E-02	1.20921	0.2863E-02	905.5
165	680.0	999.4	20.2	0.43556	0.4703E-02	1.20919	0.2847E-02	932.1
165	680.5	999.5	20.1	0.43555	0.4681E-02	1.20919	0.2847E-02	962.1
165	681.0	998.8	20.2	0.43557	0.4726E-02	1.20918	0.2841E-02	990.2
165	681.5	998.9	20.2	0.43558	0.4756E-02	1.20919	0.2847E-02	1018.1
165	682.0	998.4	20.2	0.43560	0.4801E-02	1.20914	0.2805E-02	1045.7
165	682.5	998.8	20.4	0.43562	0.4845E-02	1.20920	0.2860E-02	1070.8
165	683.0	998.6	19.7	0.43562	0.4853E-02	1.20918	0.2844E-02	1097.9
165	683.5	998.8	20.2	0.43564	0.4896E-02	1.20916	0.2821E-02	1122.5
165	684.0	998.5	20.1	0.43565	0.4913E-02	1.20918	0.2844E-02	1149.5
165	684.5	998.9	20.2	0.43568	0.4973E-02	1.20920	0.2854E-02	1175.1
165	685.0	998.4	20.4	0.43569	0.5003E-02	1.20922	0.2876E-02	1202.6
165	685.5	999.2	20.0	0.43572	0.5062E-02	1.20913	0.2802E-02	1225.9
165	686.0	998.7	20.2	0.43572	0.5077E-02	1.20920	0.2860E-02	1254.2
165	686.5	998.4	20.0	0.43534	0.4806E-02	1.20920	0.2857E-02	1274.8
5	687.0	998.4	20.0	0.43576	0.5174E-02	1.20921	0.2866E-02	1307.2
165	687.5	998.7	20.1	0.43578	0.5212E-02	1.20922	0.2876E-02	1331.4
165	688.0	999.2	20.3	0.43581	0.5287E-02	1.20924	0.2892E-02	1358.2
165	688.5	998.7	19.8	0.43581	0.5247E-02	1.20926	0.2906E-02	1385.1
165	689.0	998.6	20.4	0.43582	0.5309E-02	1.20922	0.2873E-02	1410.0
165	689.5	999.0	20.4	0.43585	0.5361E-02	1.20917	0.2834E-02	1438.4
165	690.0	998.5	19.7	0.43584	0.5339E-02	1.20923	0.2882E-02	1463.5

165	690.5	998.4	20.0	0.43598	0.5438E-02	1.20926	0.2905E-02	1487.7
165	691.0	998.9	20.5	0.43591	0.5511E-02	1.20929	0.2928E-02	1514.3
165	691.5	998.4	20.2	0.43592	0.5533E-02	1.20924	0.2846E-02	1539.7
165	692.0	998.6	20.4	0.43558	0.4746E-02	1.20925	0.2895E-02	1565.8
65	692.5	998.4	19.9	0.43590	0.5586E-02	1.20925	0.2899E-02	1591.2
165	693.0	998.8	19.7	0.43597	0.5636E-02	1.20922	0.2870E-02	1615.1
165	693.5	998.9	20.0	0.43601	0.5735E-02	1.20924	0.2886E-02	1640.0
165	694.0	997.9	20.7	0.43602	0.5758E-02	1.20926	0.2905E-02	1664.0
165	694.5	999.1	20.3	0.43604	0.5818E-02	1.20926	0.2905E-02	1686.9
165	695.0	999.2	19.7	0.43605	0.5840E-02	1.20929	0.2934E-02	1711.6
165	695.5	998.4	20.0	0.43609	0.5915E-02	1.20927	0.2911E-02	1736.0
165	696.0	998.8	19.7	0.43609	0.5937E-02	1.20923	0.2892E-02	1762.5
165	696.5	998.8	20.0	0.43611	0.5975E-02	1.20928	0.2921E-02	1788.3
165	697.0	998.7	20.0	0.43614	0.6049E-02	1.20932	0.2953E-02	1813.2
165	697.5	999.1	20.1	0.43620	0.6169E-02	1.20931	0.2944E-02	1839.3
165	698.0	998.6	19.6	0.43616	0.6139E-02	1.20932	0.2957E-02	1865.0
165	698.5	998.8	20.0	0.43621	0.6199E-02	1.20922	0.2873E-02	1893.3
165	699.0	998.9	20.2	0.43624	0.6266E-02	1.20925	0.2895E-02	1921.1
165	699.5	998.8	20.0	0.43626	0.6319E-02	1.20927	0.2915E-02	1950.2
165	700.0	998.9	19.8	0.43632	0.6461E-02	1.20931	0.2947E-02	1981.2
165	700.5	999.0	20.0	0.43632	0.6461E-02	1.20928	0.2924E-02	2012.0
165	701.0	998.1	20.2	0.43634	0.6499E-02	1.20929	0.2934E-02	2039.1
165	701.5	998.6	19.7	0.43639	0.6588E-02	1.20931	0.2944E-02	2067.6
165	702.0	998.6	19.9	0.43638	0.6566E-02	1.20932	0.2957E-02	2091.9
165	702.5	998.4	20.2	0.43643	0.6700E-02	1.20929	0.2934E-02	2119.7
165	703.0	998.6	20.2	0.43648	0.6619E-02	1.20933	0.2963E-02	2145.1
165	703.5	998.0	20.1	0.43648	0.6627E-02	1.20933	0.2966E-02	2171.2
165	704.0	998.5	20.2	0.43653	0.6947E-02	1.20934	0.2976E-02	2197.3
165	704.5	998.4	19.8	0.43657	0.7036E-02	1.20932	0.2953E-02	2222.2
165	705.0	998.7	20.0	0.43658	0.7066E-02	1.20931	0.2950E-02	2246.4
65	705.5	998.9	19.6	0.43662	0.7158E-02	1.20928	0.2921E-02	2271.6
165	706.0	998.4	19.8	0.43663	0.7178E-02	1.20932	0.2960E-02	2293.0
165	706.5	998.9	20.1	0.43668	0.7283E-02	1.20935	0.2979E-02	2316.7
165	707.0	998.0	20.0	0.43671	0.7358E-02	1.20931	0.2947E-02	2343.1
165	707.5	998.8	20.2	0.43674	0.7433E-02	1.20932	0.2953E-02	2368.3
165	708.0	998.7	19.9	0.43677	0.7493E-02	1.20936	0.2986E-02	2391.0
165	708.5	998.9	20.1	0.43682	0.7612E-02	1.20929	0.2931E-02	2419.3
165	709.0	998.7	20.2	0.43685	0.7679E-02	1.20930	0.2941E-02	2447.4
165	709.5	998.8	19.8	0.43690	0.7786E-02	1.20934	0.2970E-02	2473.3
165	710.0	999.0	19.8	0.43692	0.7836E-02	1.20933	0.2966E-02	2500.9
165	710.5	999.2	20.2	0.43695	0.7919E-02	1.20935	0.2979E-02	2530.4
165	711.0	998.7	20.0	0.43700	0.8031E-02	1.20938	0.3005E-02	2561.7
165	711.5	998.8	19.9	0.43705	0.8136E-02	1.20939	0.3015E-02	2593.2
165	712.0	998.8	19.7	0.43710	0.8255E-02	1.20935	0.2982E-02	2624.2
165	712.5	998.8	20.2	0.43713	0.8330E-02	1.20932	0.2960E-02	2653.0
165	713.0	998.9	19.8	0.43719	0.8457E-02	1.20936	0.2984E-02	2680.8
165	713.5	999.0	20.1	0.43723	0.8562E-02	1.20931	0.2947E-02	2707.2
165	714.0	998.6	20.2	0.43729	0.8684E-02	1.20935	0.2974E-02	2732.6
165	714.5	999.4	20.6	0.43733	0.8779E-02	1.20934	0.2973E-02	2756.7
165	715.0	998.2	20.0	0.43739	0.8913E-02	1.20936	0.2986E-02	2786.6
165	715.5	999.5	19.4	0.43741	0.8973E-02	1.20938	0.3006E-02	2812.9
165	716.0	999.0	20.5	0.43748	0.9130E-02	1.20936	0.2986E-02	2839.1
165	716.5	999.0	20.4	0.43753	0.9202E-02	1.20933	0.2963E-02	2864.0
165	717.0	998.6	19.7	0.43757	0.9332E-02	1.20936	0.2986E-02	2890.1
165	717.5	999.2	20.5	0.43763	0.9474E-02	1.20936	0.2992E-02	2913.3
165	718.0	999.3	19.7	0.43770	0.9631E-02	1.20932	0.2953E-02	2939.2
65	718.5	998.4	19.7	0.43773	0.9713E-02	1.20934	0.2976E-02	2966.1
165	719.0	998.4	20.1	0.43780	0.9870E-02	1.20936	0.2992E-02	2996.5
165	719.5	998.7	19.7	0.43786	0.9997E-02	1.20934	0.2973E-02	3017.6
165	720.0	998.5	20.4	0.43792	0.1015E-01	1.20932	0.2953E-02	3042.7

165	720.5	998.6	20.1	0.43796	0.1029E-01	1.20934	0.2969E-02	3070.8
165	721.0	999.1	20.0	0.43805	0.1045E-01	1.20941	0.3027E-02	3097.7
165	721.5	999.0	19.5	0.43811	0.1060E-01	1.20935	0.2979E-02	3127.2
165	722.0	998.7	20.0	0.43788	0.1006E-01	1.20934	0.2976E-02	3154.3
165	722.5	999.0	20.4	0.43824	0.1089E-01	1.20936	0.2984E-02	3183.4
165	723.0	999.1	19.8	0.43835	0.1115E-01	1.20930	0.2937E-02	3214.9
165	723.5	999.2	20.1	0.43840	0.1125E-01	1.20931	0.2944E-02	3244.0
165	724.0	999.1	19.7	0.43847	0.1143E-01	1.20931	0.2944E-02	3274.5
165	724.5	999.1	19.7	0.43855	0.1159E-01	1.20932	0.2953E-02	3302.3
165	725.0	999.4	19.6	0.43864	0.1180E-01	1.20929	0.2934E-02	3328.0
165	725.5	999.2	19.8	0.43874	0.1203E-01	1.20931	0.2950E-02	3356.7
165	726.0	999.3	19.5	0.43884	0.1226E-01	1.20928	0.2924E-02	3386.1
165	726.5	999.6	20.1	0.43891	0.1244E-01	1.20927	0.2915E-02	3413.4
165	727.0	999.5	20.2	0.43903	0.1270E-01	1.20930	0.2937E-02	3443.7
165	727.5	999.7	20.0	0.43910	0.1288E-01	1.20930	0.2941E-02	3473.6
165	728.0	999.5	20.6	0.43914	0.1307E-01	1.20929	0.2928E-02	3499.6
165	728.5	999.6	20.0	0.43930	0.1333E-01	1.20926	0.2905E-02	3526.2
165	729.0	999.2	20.3	0.43941	0.1358E-01	1.20925	0.2899E-02	3552.9
165	729.5	999.5	20.4	0.43949	0.1377E-01	1.20927	0.2912E-02	3576.1
165	730.0	999.5	20.2	0.43961	0.1405E-01	1.20922	0.2876E-02	3602.4
165	730.5	999.7	20.2	0.43974	0.1435E-01	1.20926	0.2906E-02	3625.6
165	731.0	999.4	20.2	0.43986	0.1461E-01	1.20924	0.2889E-02	3652.3
165	731.5	999.4	20.0	0.43998	0.1490E-01	1.20925	0.2899E-02	3678.4
165	732.0	999.2	20.4	0.44014	0.1526E-01	1.20924	0.2892E-02	3705.0
165	732.5	999.1	20.1	0.44024	0.1549E-01	1.20925	0.2894E-02	3731.4
165	733.0	999.8	20.4	0.44037	0.1584E-01	1.20922	0.2876E-02	3756.0
165	733.5	1000.2	20.3	0.44052	0.1614E-01	1.20919	0.2850E-02	3783.4
165	734.0	999.8	20.6	0.44066	0.1647E-01	1.20923	0.2882E-02	3811.7
165	734.5	999.7	20.4	0.44079	0.1677E-01	1.20916	0.2821E-02	3840.8
165	735.0	999.9	20.3	0.44096	0.1716E-01	1.20910	0.2773E-02	3870.6
165	735.5	1000.2	20.6	0.44114	0.1757E-01	1.20911	0.2766E-02	3900.9
165	736.0	1000.0	20.2	0.44132	0.1799E-01	1.20913	0.2802E-02	3927.2
165	736.5	999.7	20.5	0.44149	0.1837E-01	1.20908	0.2760E-02	3956.5
165	737.0	1000.5	20.5	0.44164	0.1883E-01	1.20906	0.2741E-02	3989.0
165	737.5	999.7	20.2	0.44186	0.1928E-01	1.20905	0.2731E-02	4018.8
165	738.0	999.6	20.6	0.44209	0.1977E-01	1.20902	0.2705E-02	4047.6
165	738.5	1000.5	20.5	0.44228	0.2020E-01	1.20903	0.2712E-02	4079.1
165	739.0	1000.5	20.4	0.44253	0.2074E-01	1.20898	0.2676E-02	4107.9
165	739.5	1000.0	20.8	0.44278	0.2136E-01	1.20896	0.2660E-02	4137.7
165	740.0	1001.1	20.4	0.44302	0.2190E-01	1.20891	0.2612E-02	4161.9
165	740.5	1000.9	20.3	0.44326	0.2246E-01	1.20891	0.2616E-02	4182.4
165	741.0	1000.6	20.3	0.44353	0.2309E-01	1.20879	0.2519E-02	4208.3
165	741.5	1000.9	20.2	0.44381	0.2373E-01	1.20877	0.2499E-02	4232.7
165	742.0	1001.2	20.4	0.44411	0.2442E-01	1.20876	0.2490E-02	4256.9
165	742.5	1000.9	20.2	0.44440	0.2509E-01	1.20867	0.2415E-02	4281.6
165	743.0	1001.2	20.7	0.44471	0.2582E-01	1.20863	0.2380E-02	4303.6
165	743.5	1001.7	20.3	0.44506	0.2661E-01	1.20861	0.2370E-02	4327.5
165	744.0	1001.0	20.2	0.44539	0.2738E-01	1.20857	0.2335E-02	4355.6
165	744.5	1001.7	20.7	0.44573	0.2817E-01	1.20846	0.2245E-02	4378.5
165	745.0	1001.5	20.4	0.44611	0.2904E-01	1.20838	0.2180E-02	4405.6
165	745.5	1001.6	20.6	0.44654	0.3002E-01	1.20836	0.2150E-02	4435.9
165	746.0	1001.7	20.4	0.44697	0.3102E-01	1.20828	0.2090E-02	4467.2
165	746.5	1001.8	20.7	0.44744	0.3211E-01	1.20816	0.1994E-02	4501.3
165	747.0	1001.6	20.5	0.44798	0.3335E-01	1.20804	0.1891E-02	4532.1
165	747.5	1001.9	20.4	0.44853	0.3461E-01	1.20794	0.1813E-02	4562.1
165	748.0	1002.1	20.7	0.44915	0.3606E-01	1.20776	0.1685E-02	4593.4
165	748.5	1003.0	20.9	0.44974	0.3752E-01	1.20764	0.1565E-02	4623.9
165	749.0	1002.7	20.7	0.45051	0.3919E-01	1.20750	0.1446E-02	4655.2
165	749.5	1002.7	20.9	0.45125	0.4090E-01	1.20729	0.1275E-02	4687.7
165	750.0	1003.1	20.6	0.45212	0.4291E-01	1.20706	0.1082E-02	4717.9

165	750.5	1003.5	20.7	0.45307	0.4510E-01	1.20685	0.9082E-03	4747.7
165	751.0	1003.1	20.5	0.45411	0.4750E-01	1.20659	0.6925E-03	4774.6
165	751.5	1003.6	20.3	0.45526	0.5010E-01	1.20625	0.4090E-03	4803.4
165	752.0	1003.7	20.9	0.45651	0.5302E-01	1.20589	0.1125E-03	4826.4
55	752.5	1004.5	21.0	0.45805	0.5659E-01	1.20551	-0.1996E-03	4845.1
65	753.0	1004.7	21.4	0.45972	0.6043E-01	1.20497	-0.6538E-03	4872.0
165	753.5	1005.3	21.1	0.46163	0.6484E-01	1.20435	-0.1166E-02	4894.0
165	754.0	1005.6	21.5	0.46391	0.7010E-01	1.20355	-0.1633E-02	4917.2
165	754.5	1006.4	21.9	0.46662	0.7646E-01	1.20253	-0.2676E-02	4936.8
165	755.0	1007.5	22.1	0.47016	0.8450E-01	1.20082	-0.4097E-02	4958.2
165	755.5	1008.6	24.8	0.47482	0.9526E-01	1.19782	-0.6564E-02	4974.4

166	960.0	1601.0	7.3	0.43654	0.7712E-02	1.23299	0.1894E-01	47.6
166	960.5	1601.0	7.5	0.43673	0.7802E-02	1.23295	0.1891E-01	48.1
166	961.0	1600.9	7.2	0.43673	0.7802E-02	1.23290	0.1886E-01	43.6
166	961.5	1601.1	9.0	0.43665	0.7600E-02	1.23299	0.1895E-01	47.9
166	962.0	1600.6	6.7	0.43671	0.7757E-02	1.23294	0.1891E-01	46.1
166	962.5	1601.2	6.3	0.43672	0.7787E-02	1.23295	0.1891E-01	47.1
166	963.0	1600.7	7.7	0.43672	0.7787E-02	1.23302	0.1897E-01	48.1
166	963.5	1601.0	7.3	0.43675	0.7847E-02	1.23299	0.1894E-01	51.3
166	964.0	1601.1	7.5	0.43679	0.7937E-02	1.23300	0.1895E-01	60.3
166	964.5	1600.9	6.7	0.43665	0.7600E-02	1.23302	0.1897E-01	70.8
166	965.0	1601.1	6.8	0.43659	0.7473E-02	1.23304	0.1899E-01	82.3
166	965.5	1601.2	6.4	0.43640	0.7467E-02	1.23302	0.1894E-01	93.5
166	966.0	1601.3	7.3	0.43683	0.8027E-02	1.23298	0.1894E-01	106.2
166	966.5	1601.3	6.6	0.43701	0.8440E-02	1.23298	0.1894E-01	116.5
166	967.0	1600.6	7.7	0.43704	0.8520E-02	1.23304	0.1899E-01	129.4
166	967.5	1600.4	9.6	0.43711	0.8670E-02	1.23303	0.1896E-01	141.4
166	968.0	1600.0	8.3	0.43712	0.8700E-02	1.23304	0.1899E-01	154.3
166	968.5	1600.7	6.6	0.43719	0.8484E-02	1.23304	0.1899E-01	167.9
166	969.0	1600.9	7.1	0.43718	0.8834E-02	1.23308	0.1902E-01	180.2
166	969.5	1600.4	6.7	0.43737	0.9268E-02	1.23303	0.1898E-01	193.9
166	970.0	1600.7	7.7	0.43740	0.9358E-02	1.23303	0.1898E-01	206.6
166	970.5	1600.8	8.8	0.43760	0.9807E-02	1.23304	0.1899E-01	217.3
166	971.0	1601.1	6.6	0.43763	0.9867E-02	1.23305	0.1900E-01	232.5
166	971.5	1600.9	6.9	0.43775	0.1017E-01	1.23312	0.1905E-01	246.9
166	972.0	1600.9	7.1	0.43790	0.1050E-01	1.23309	0.1903E-01	260.0
166	972.5	1601.2	6.5	0.43802	0.1076E-01	1.23310	0.1904E-01	274.5
166	973.0	1600.8	7.1	0.43820	0.1114E-01	1.23317	0.1910E-01	288.0
166	973.5	1600.9	6.3	0.43851	0.1190E-01	1.23309	0.1903E-01	302.6
166	974.0	1600.9	6.8	0.43869	0.1232E-01	1.23305	0.1900E-01	315.0
166	974.5	1600.9	6.8	0.43888	0.1277E-01	1.23309	0.1903E-01	327.2
166	975.0	1601.0	6.7	0.43918	0.1346E-01	1.23309	0.1903E-01	339.7
166	975.5	1601.0	7.0	0.43937	0.1389E-01	1.23306	0.1900E-01	355.3
166	976.0	1601.2	7.1	0.43953	0.1427E-01	1.23308	0.1902E-01	369.2
166	976.5	1601.3	8.3	0.43997	0.1526E-01	1.23305	0.1900E-01	384.4
166	977.0	1601.3	8.0	0.44024	0.1602E-01	1.23307	0.1901E-01	398.5
166	977.5	1601.1	7.5	0.44069	0.1693E-01	1.23303	0.1898E-01	412.0
166	978.0	1601.2	7.7	0.44107	0.1783E-01	1.23295	0.1892E-01	423.7
166	978.5	1601.2	8.0	0.44160	0.1904E-01	1.23285	0.1883E-01	434.9
166	979.0	1601.4	7.1	0.44224	0.2052E-01	1.23287	0.1868E-01	448.4
166	979.5	1601.6	7.5	0.44285	0.2193E-01	1.23251	0.1855E-01	465.0
166	980.0	1601.5	4.0	0.44356	0.2356E-01	1.23213	0.1823E-01	479.4
166	980.5	1601.5	6.3	0.44443	0.2556E-01	1.23158	0.1778E-01	493.0
166	981.0	1601.7	7.4	0.44558	0.2822E-01	1.23047	0.1686E-01	508.2
166	981.5	1601.6	9.1	0.44702	0.3155E-01	1.22862	0.1534E-01	523.1
166	982.0	1601.7	11.1	0.44885	0.3576E-01	1.22464	0.1204E-01	534.8
166	982.5	1597.6	6.8	0.45044	0.3943E-01	1.21292	0.2365E-02	518.9
166	983.0	1553.1	7.1	0.45039	0.3862E-01	1.21277	0.2237E-02	539.9
166	983.5	1514.4	7.3	0.45069	0.3862E-01	1.21260	0.2096E-02	555.6
166	984.0	1476.5	7.5	0.45085	0.3859E-01	1.21224	0.1842E-02	571.9
166	984.5	1436.6	4.9	0.44998	0.3838E-01	1.21199	0.1595E-02	579.2
166	985.0	1405.4	6.8	0.44992	0.3823E-01	1.21180	0.1435E-02	594.1
166	985.5	1388.3	7.0	0.44975	0.3787E-01	1.21172	0.1374E-02	605.1
166	986.0	1380.2	9.1	0.44961	0.3751E-01	1.21177	0.1415E-02	619.5
166	986.5	1366.2	9.3	0.44949	0.3725E-01	1.21169	0.1348E-02	631.5
166	987.0	1348.3	9.5	0.44953	0.3735E-01	1.21163	0.1499E-02	643.7
166	987.5	1366.2	8.3	0.44941	0.3794E-01	1.21146	0.1152E-02	683.5
166	988.0	1416.5	8.6	0.44945	0.3763E-01	1.21194	0.1550E-02	679.1
166	988.5	1457.5	7.9	0.44955	0.3749E-01	1.21205	0.1646E-02	680.6
166	989.0	1480.2	5.8	0.44954	0.3742E-01	1.21229	0.1842E-02	680.6
166	989.5	1496.1	5.8	0.45027	0.3900E-01	1.21244	0.1907E-02	678.9

166	990.0	1507.7	4.2	0.45033	0.3919E-01	1.21265	0.2137E-02	681.0
166	990.5	1516.9	4.8	0.45037	0.3928E-01	1.21273	0.2206E-02	681.0
166	991.0	1523.7	5.2	0.45037	0.3928E-01	1.21280	0.2263E-02	681.1
166	991.5	1529.9	5.2	0.45031	0.3915E-01	1.21281	0.2269E-02	681.3
56	992.0	1535.2	5.0	0.45032	0.3916E-01	1.21310	0.2510E-02	678.9
166	992.5	1540.0	5.3	0.45041	0.3937E-01	1.21312	0.2526E-02	681.1
166	993.0	1544.2	5.5	0.45042	0.3940E-01	1.21306	0.2474E-02	681.1
166	993.5	1546.7	3.7	0.45040	0.3935E-01	1.21327	0.2651E-02	680.0

408	121.5	596.3	1.4	0.43476	0.2204E-02	1.20452	0.1705E-02	5.3
408	122.0	596.5	1.5	0.43472	0.2107E-02	1.20450	0.1686E-02	5.3
408	122.5	596.2	1.5	0.43475	0.2182E-02	1.20448	0.1666E-02	5.4
408	123.0	596.9	1.5	0.43474	0.2145E-02	1.20446	0.1654E-02	5.2
408	123.5	596.4	1.6	0.43474	0.2145E-02	1.20529	0.2345E-02	5.5
408	124.0	596.8	1.4	0.43474	0.2160E-02	1.20451	0.1689E-02	5.1
408	124.5	596.4	1.5	0.43476	0.2204E-02	1.20444	0.1634E-02	5.4
408	125.0	596.7	1.5	0.43477	0.2219E-02	1.20424	0.1471E-02	5.3
408	125.5	596.5	1.5	0.43473	0.2137E-02	1.20450	0.1686E-02	5.1
408	126.0	603.0	2.9	0.43470	0.2205E-02	1.20458	0.1747E-02	3.8
408	126.5	663.9	3.9	0.43493	0.2593E-02	1.20445	0.2060E-02	0.7
408	127.0	759.6	3.7	0.43517	0.3140E-02	1.20531	0.2359E-02	0.7
408	127.5	865.0	3.6	0.43537	0.3609E-02	1.20783	0.4458E-02	0.5
408	128.0	970.0	3.8	0.43556	0.4050E-02	1.20653	0.3375E-02	0.5
408	128.5	1077.8	3.6	0.43579	0.4566E-02	1.20641	0.3275E-02	0.5
408	129.0	1180.7	4.0	0.43602	0.5111E-02	1.20676	0.3565E-02	0.8
408	129.5	1280.6	4.1	0.43627	0.5679E-02	1.16652	-0.1327E-01	1.0
408	130.0	1378.5	4.0	0.43644	0.6088E-02	1.20759	0.4253E-02	0.5
408	130.5	1464.1	4.1	0.43653	0.6270E-02	1.21033	0.6533E-02	1.1
408	131.0	1538.7	3.7	0.43662	0.6480E-02	1.20822	0.4780E-02	1.6
408	131.5	1583.6	2.5	0.43654	0.6294E-02	1.20831	0.4857E-02	4.7
408	132.0	1579.6	2.4	0.43643	0.6053E-02	1.20984	0.6130E-02	4.7
408	132.5	1581.5	3.1	0.43637	0.5903E-02	1.20834	0.4880E-02	3.1
408	133.0	1597.1	2.9	0.43629	0.5724E-02	1.20475	0.1893E-02	4.5
408	133.5	1597.3	2.7	0.43616	0.5425E-02	1.20924	0.5659E-02	4.7
408	134.0	1598.1	2.6	0.43604	0.5141E-02	1.20545	0.2471E-02	4.2
408	134.5	1603.1	2.8	0.43590	0.4820E-02	1.20554	0.5048E-02	4.7
408	135.0	1604.4	2.6	0.43546	0.6172E-02	1.21111	0.7186E-02	4.1
408	135.5	1606.6	2.6	0.43550	0.6217E-02	1.21179	0.7744E-02	4.5
408	136.0	1606.7	2.6	0.43551	0.6232E-02	1.20814	0.4712E-02	4.5
408	136.5	1610.1	2.5	0.43550	0.6202E-02	1.20677	0.5232E-02	4.6
408	137.0	1610.4	2.5	0.43546	0.6157E-02	1.20880	0.5264E-02	4.6
408	137.5	1613.4	2.6	0.43546	0.6113E-02	1.20544	0.2465E-02	4.6
408	138.0	1617.4	2.5	0.43554	0.6292E-02	1.20657	0.5067E-02	4.3
408	138.5	1620.3	2.5	0.43553	0.6277E-02	1.20897	0.5406E-02	4.6
408	139.0	1622.8	2.5	0.43554	0.6292E-02	1.21004	0.6291E-02	4.5
408	139.5	1626.0	2.7	0.43556	0.6352E-02	1.20926	0.5645E-02	4.5
408	140.0	1627.4	2.6	0.43559	0.6411E-02	1.20994	0.6210E-02	4.7
408	140.5	1628.9	2.5	0.43561	0.6471E-02	1.20929	0.5671E-02	4.3
408	141.0	1630.2	2.6	0.43561	0.6471E-02	1.20941	0.5766E-02	4.3
408	141.5	1631.9	2.6	0.43564	0.6531E-02	1.20933	0.5700E-02	4.9
408	142.0	1633.0	2.5	0.43568	0.6621E-02	1.20952	0.5658E-02	4.1
408	142.5	1634.9	2.5	0.43567	0.6605E-02	1.20959	0.5920E-02	4.7
408	143.0	1636.3	2.5	0.43570	0.6666E-02	1.20955	0.5687E-02	4.3
408	143.5	1636.9	2.5	0.43576	0.6815E-02	1.21131	0.7351E-02	4.7
408	144.0	1639.9	2.4	0.43576	0.6815E-02	1.20962	0.5942E-02	4.3
408	144.5	1640.6	2.5	0.43579	0.6847E-02	1.20954	0.5674E-02	4.6
408	145.0	1643.4	2.5	0.43579	0.6875E-02	1.21019	0.6420E-02	4.6
408	145.5	1646.3	2.4	0.43592	0.6950E-02	1.21025	0.6465E-02	4.0
408	146.0	1648.2	2.7	0.43594	0.6994E-02	1.21044	0.6620E-02	4.7
408	146.5	1648.5	2.5	0.43581	0.6935E-02	1.21040	0.6595E-02	4.2
408	147.0	1649.5	2.4	0.43590	0.7124E-02	1.21046	0.6640E-02	4.3
408	147.5	1651.9	2.7	0.43591	0.7144E-02	1.21078	0.6905E-02	4.5
408	148.0	1652.4	2.5	0.43592	0.7174E-02	1.21066	0.6821E-02	4.4
408	148.5	1653.7	2.5	0.43594	0.7234E-02	1.21083	0.6950E-02	4.4
408	149.0	1653.7	2.4	0.43595	0.7249E-02	1.21118	0.7241E-02	4.7
408	149.5	1653.8	2.5	0.43598	0.7323E-02	1.21442	0.7934E-02	4.6
408	150.0	1653.4	2.5	0.43702	0.7413E-02	1.21083	0.6946E-02	4.2
408	150.5	1652.8	2.4	0.43700	0.7308E-02	1.21425	0.9792E-02	4.2
408	151.0	1653.0	2.6	0.43698	0.7308E-02	1.20574	0.2758E-02	4.4

408	151.5	1653.5	2.5	0.43703	0.7422E-02	1.21120	0.7305E-02	4.7
408	152.0	1653.4	2.5	0.43702	0.7413E-02	1.21109	0.7103E-02	4.9
408	152.5	1653.3	2.5	0.43705	0.7473E-02	1.21073	0.7034E-02	4.7
408	153.0	1653.1	2.4	0.43705	0.7488E-02	1.21130	0.7344E-02	4.1
408	153.5	1652.9	2.5	0.43707	0.7518E-02	1.21126	0.7305E-02	4.2
408	154.0	1652.7	2.7	0.43708	0.7547E-02	1.21138	0.7406E-02	5.0
408	154.5	1652.7	2.6	0.43709	0.7562E-02	1.21110	0.7169E-02	4.7
408	155.0	1652.2	2.7	0.43711	0.7622E-02	1.21117	0.7234E-02	4.5
408	155.5	1652.4	2.7	0.43713	0.7652E-02	1.21170	0.7073E-02	4.7
408	156.0	1651.6	2.6	0.43719	0.7786E-02	1.21165	0.7034E-02	4.2
408	156.5	1652.0	2.5	0.43718	0.7766E-02	1.21163	0.7015E-02	4.6
408	157.0	1652.6	2.6	0.43710	0.7742E-02	1.21169	0.7067E-02	4.8
408	157.5	1652.7	2.7	0.43721	0.7846E-02	1.21176	0.7718E-02	4.9
408	158.0	1652.5	2.5	0.43720	0.7831E-02	1.21193	0.7867E-02	5.1
408	158.5	1651.8	2.6	0.43722	0.7876E-02	1.21189	0.7820E-02	5.3
408	159.0	1652.6	2.6	0.43724	0.7921E-02	1.21184	0.7790E-02	5.1
408	159.5	1653.0	2.7	0.43726	0.7951E-02	1.17474	0.2308E-01	4.9
408	160.0	1652.7	2.6	0.43720	0.7951E-02	1.21244	0.8287E-02	4.5
408	160.5	1652.1	2.6	0.43727	0.7996E-02	1.21219	0.8074E-02	5.2
408	161.0	1650.8	2.7	0.43731	0.8085E-02	1.21217	0.8061E-02	5.1
408	161.5	1651.6	2.5	0.43727	0.7981E-02	1.21210	0.8003E-02	5.1
408	162.0	1651.5	2.5	0.43733	0.8115E-02	1.21250	0.8338E-02	5.4
408	162.5	1652.3	2.5	0.43731	0.8085E-02	1.21254	0.8410E-02	4.9
408	163.0	1650.7	2.6	0.43733	0.8115E-02	1.21252	0.8350E-02	5.0
408	163.5	1651.4	2.6	0.43737	0.8205E-02	1.21253	0.8364E-02	5.4
408	164.0	1650.5	2.5	0.43732	0.8235E-02	1.21245	0.8300E-02	5.0
408	164.5	1650.7	2.6	0.43737	0.8205E-02	1.21270	0.8500E-02	5.0
408	165.0	1651.5	2.6	0.43736	0.8140E-02	1.21277	0.8558E-02	5.8
408	165.5	1650.6	2.6	0.43736	0.8190E-02	1.21244	0.8332E-02	5.7
408	166.0	1651.1	2.5	0.43737	0.8220E-02	1.21250	0.8339E-02	5.7
408	166.5	1650.8	2.6	0.43743	0.8354E-02	1.21255	0.8377E-02	5.8
408	167.0	1651.4	2.5	0.43743	0.8354E-02	1.21269	0.8494E-02	6.5
408	167.5	1651.1	2.5	0.43746	0.8429E-02	1.21269	0.8494E-02	6.9
408	168.0	1651.2	2.5	0.43750	0.8504E-02	1.21252	0.8357E-02	6.0
408	168.5	1651.5	2.7	0.43748	0.8459E-02	1.21231	0.8177E-02	6.1
408	169.0	1651.8	2.5	0.43751	0.8549E-02	1.21245	0.8300E-02	9.7
408	169.5	1650.4	2.5	0.43753	0.8579E-02	1.21207	0.7953E-02	12.2
408	170.0	1651.3	2.5	0.43753	0.8594E-02	1.21240	0.8254E-02	16.0
408	170.5	1652.1	2.5	0.43756	0.8696E-02	1.21252	0.8351E-02	19.3
408	171.0	1650.8	2.5	0.43759	0.8728E-02	1.21239	0.8248E-02	22.3
408	171.5	1649.5	2.5	0.43765	0.8862E-02	1.21219	0.8080E-02	25.4
408	172.0	1650.3	2.6	0.43768	0.8922E-02	1.21225	0.8132E-02	28.5
408	172.5	1651.7	2.5	0.43772	0.9027E-02	1.21249	0.8332E-02	32.2
408	173.0	1650.8	2.6	0.43779	0.9176E-02	1.21274	0.8539E-02	35.3
408	173.5	1650.1	2.5	0.43782	0.9251E-02	1.21236	0.8222E-02	38.6
408	174.0	1650.7	2.5	0.43785	0.9311E-02	1.21293	0.8448E-02	41.7
408	174.5	1650.5	2.5	0.43789	0.9410E-02	1.21258	0.8403E-02	44.7
408	175.0	1650.4	2.5	0.43785	0.9550E-02	1.21251	0.8345E-02	48.1
408	175.5	1650.2	2.5	0.43801	0.9685E-02	1.21272	0.8519E-02	51.0
408	176.0	1650.6	2.6	0.43808	0.9843E-02	1.21310	0.8636E-02	54.5
408	176.5	1650.4	2.5	0.43808	0.9644E-02	1.21294	0.8707E-02	57.7
408	177.0	1650.8	2.7	0.43820	0.1013E-01	1.21284	0.8623E-02	60.0
408	177.5	1650.5	2.5	0.43825	0.1025E-01	1.21314	0.8468E-02	63.6
408	178.0	1650.8	2.6	0.43831	0.1037E-01	1.21295	0.8713E-02	66.7
408	178.5	1651.1	2.4	0.43835	0.1046E-01	1.21310	0.8636E-02	69.6
408	179.0	1650.7	2.5	0.43845	0.1072E-01	1.21324	0.8952E-02	73.4
408	179.5	1651.0	2.5	0.43848	0.1078E-01	1.21330	0.9004E-02	76.5
408	180.0	1651.3	2.5	0.43855	0.1092E-01	1.21329	0.8991E-02	79.6
408	180.5	1650.7	2.5	0.43864	0.1115E-01	1.21330	0.9004E-02	82.8
408	181.0	1650.5	2.5	0.43873	0.1136E-01	1.21345	0.9127E-02	86.0

408	181.5	1649.7	2.6	0.43840	0.1151E-01	1.21374	0.9366E-02	88.9
408	182.0	1650.7	2.5	0.43890	0.1175E-01	1.21392	0.9520E-02	91.9
408	182.5	1649.7	2.4	0.43590	0.1194E-01	1.21363	0.9282E-02	95.0
408	183.0	1650.1	2.5	0.43904	0.1205E-01	1.21340	0.9086E-02	98.3
408	183.5	1650.1	2.5	0.43413	0.1227E-01	1.21348	0.9152E-02	101.7
408	184.0	1650.1	2.6	0.43426	0.1257E-01	1.21371	0.9340E-02	104.5
408	184.5	1650.5	2.4	0.43934	0.1245E-01	1.21373	0.9359E-02	107.8
408	185.0	1649.6	2.5	0.43947	0.1306E-01	1.21390	0.9501E-02	111.0
408	185.5	1651.1	2.7	0.43458	0.1327E-01	1.21381	0.9430E-02	114.0
408	186.0	1649.7	2.5	0.43946	0.1350E-01	1.21375	0.9376E-02	117.1
408	186.5	1651.2	2.6	0.43973	0.1366E-01	1.21374	0.9372E-02	120.2
408	187.0	1649.4	2.4	0.43993	0.1411E-01	1.21349	0.9159E-02	123.3
408	187.5	1648.9	2.5	0.44005	0.1439E-01	1.21381	0.9424E-02	126.2
408	188.0	1649.9	2.5	0.44019	0.1472E-01	1.21364	0.9288E-02	129.2
408	188.5	1650.2	2.4	0.44024	0.1495E-01	1.21390	0.9501E-02	132.5
408	189.0	1650.4	2.5	0.44043	0.1520E-01	1.21390	0.9501E-02	135.4
408	189.5	1649.8	2.5	0.44057	0.1554E-01	1.21391	0.9510E-02	138.4
408	190.0	1650.5	2.5	0.44070	0.1589E-01	1.21375	0.9370E-02	142.1
408	190.5	1652.0	2.6	0.44081	0.1614E-01	1.21373	0.9354E-02	144.8
408	191.0	1652.2	2.5	0.44095	0.1647E-01	1.21392	0.9520E-02	148.2
408	191.5	1652.4	2.7	0.44113	0.1687E-01	1.21391	0.9514E-02	151.2
408	192.0	1650.9	2.4	0.44128	0.1722E-01	1.21393	0.9527E-02	154.0
408	192.5	1652.7	2.5	0.44144	0.1761E-01	1.21405	0.9630E-02	157.3
408	193.0	1652.0	2.5	0.44162	0.1801E-01	1.21386	0.9488E-02	160.0
408	193.5	1652.3	2.4	0.44181	0.1844E-01	1.21387	0.9475E-02	163.2
408	194.0	1651.9	2.5	0.44199	0.1888E-01	1.21392	0.9520E-02	166.5
408	194.5	1651.4	2.5	0.44216	0.1925E-01	1.21412	0.9682E-02	169.8
408	195.0	1651.5	2.5	0.44229	0.1956E-01	1.21421	0.9759E-02	172.4
408	195.5	1653.1	2.6	0.44246	0.2000E-01	1.21420	0.9753E-02	176.1
408	196.0	1652.9	2.5	0.44266	0.2045E-01	1.21419	0.9747E-02	179.0
408	196.5	1652.7	2.6	0.44284	0.2093E-01	1.21423	0.9772E-02	182.1
408	197.0	1653.2	2.6	0.44305	0.2131E-01	1.21437	0.9895E-02	185.2
408	197.5	1652.7	2.5	0.44325	0.2176E-01	1.21440	0.9914E-02	188.3
408	198.0	1652.6	2.5	0.44341	0.2213E-01	1.21407	0.9643E-02	191.8
408	198.5	1652.1	2.4	0.44369	0.2274E-01	1.21427	0.9611E-02	194.6
408	199.0	1651.5	2.5	0.44387	0.2321E-01	1.21445	0.9960E-02	197.9
408	199.5	1651.6	2.5	0.44410	0.2372E-01	1.21458	0.1007E-01	201.4
408	200.0	1652.1	2.5	0.44435	0.2430E-01	1.21450	0.9998E-02	203.9
408	200.5	1652.5	2.6	0.44457	0.2481E-01	1.21480	0.1025E-01	207.0
408	201.0	1652.2	2.5	0.44482	0.2538E-01	1.21451	0.1001E-01	211.1
408	201.5	1652.5	2.6	0.44504	0.2589E-01	1.21453	0.1011E-01	214.6
408	202.0	1652.6	2.6	0.44531	0.2651E-01	1.21440	0.9921E-02	219.2
408	202.5	1652.4	2.5	0.44555	0.2707E-01	1.21457	0.1006E-01	222.8
408	203.0	1651.6	2.5	0.44586	0.2778E-01	1.21446	0.9968E-02	228.0
408	203.5	1652.2	2.5	0.44615	0.2846E-01	1.21447	0.9973E-02	232.7
408	204.0	1652.2	2.6	0.44642	0.2908E-01	1.21450	0.1000E-01	238.2
408	204.5	1652.6	2.5	0.44671	0.2974E-01	1.21454	0.1004E-01	243.5
408	205.0	1652.5	2.5	0.44701	0.3043E-01	1.21430	0.9531E-02	248.8
408	205.5	1650.0	2.5	0.44734	0.3121E-01	1.21445	0.9940E-02	253.9
408	206.0	1652.1	2.5	0.44757	0.3197E-01	1.21452	0.1002E-01	259.0
408	206.5	1652.0	2.6	0.44799	0.3270E-01	1.21440	0.1025E-01	264.4
408	207.0	1652.3	2.4	0.44841	0.3357E-01	1.21428	0.9818E-02	269.9
408	207.5	1650.9	2.5	0.44870	0.3433E-01	1.21424	0.9785E-02	274.6
408	208.0	1651.9	2.5	0.44911	0.3527E-01	1.21426	0.9805E-02	280.2
408	208.5	1653.2	2.6	0.44939	0.3591E-01	1.21406	0.9637E-02	285.8
408	209.0	1651.6	2.6	0.44980	0.3677E-01	1.21401	0.9592E-02	290.6
408	209.5	1651.6	2.6	0.45014	0.3766E-01	1.21368	0.9320E-02	296.0
408	210.0	1647.7	2.2	0.99900	-0.9999E+04	1.25256	0.4165E-01	285.4

413	134.0	1818.4	2.2	0.43645	0.7901E-02	1.20673	0.7591E-02	21.7
413	136.5	1816.4	2.6	0.43644	0.7931E-02	1.20670	0.7559E-02	24.3
413	137.0	1816.2	2.5	0.43647	0.7953E-02	1.20668	0.7539E-02	26.5
413	137.5	1815.9	2.5	0.43501	0.3692E-02	1.20674	0.7591E-02	29.6
413	138.0	1815.9	2.4	0.43654	0.7216E-02	1.20677	0.7614E-02	31.5
413	138.5	1815.2	2.2	0.43652	0.7156E-02	1.20673	0.7585E-02	33.4
413	139.0	1815.0	2.8	0.43654	0.7216E-02	1.20675	0.7604E-02	35.4
413	139.5	1814.8	2.5	0.43660	0.7345E-02	1.20678	0.7627E-02	38.2
413	140.0	1814.7	2.4	0.43667	0.7517E-02	1.20682	0.7656E-02	40.1
413	140.5	1814.1	2.8	0.43670	0.7591E-02	1.20682	0.7656E-02	42.5
413	141.0	1813.9	2.5	0.43674	0.7666E-02	1.20684	0.7678E-02	44.9
413	141.5	1813.4	2.7	0.43683	0.7843E-02	1.20696	0.7774E-02	47.9
413	142.0	1812.8	2.5	0.43687	0.7945E-02	1.20696	0.7794E-02	49.8
413	142.5	1811.8	2.5	0.43703	0.8332E-02	1.20902	0.7824E-02	51.9
413	143.0	1811.8	2.5	0.43707	0.8429E-02	1.20909	0.7882E-02	54.2
413	143.5	1811.7	2.4	0.43728	0.8923E-02	1.20906	0.7873E-02	56.4
413	144.0	1811.5	2.7	0.43743	0.9274E-02	1.20912	0.7908E-02	59.1
413	144.5	1811.2	2.5	0.43765	0.9783E-02	1.20918	0.7963E-02	61.4
413	145.0	1810.8	2.5	0.43965	0.1440E-01	1.20922	0.7949E-02	63.7
413	145.5	1810.9	2.8	0.43799	0.1057E-01	1.20923	0.8002E-02	65.9
413	146.0	1810.7	2.4	0.43824	0.1126E-01	1.20935	0.8103E-02	68.4
413	146.5	1810.4	2.6	0.43857	0.1184E-01	1.20944	0.8180E-02	70.2
413	147.0	1809.7	2.6	0.43884	0.1253E-01	1.20958	0.8293E-02	72.6
413	147.5	1809.6	2.5	0.43921	0.1338E-01	1.20965	0.8352E-02	75.0
413	148.0	1809.9	2.5	0.43940	0.1424E-01	1.20976	0.8442E-02	77.6
413	148.5	1809.9	2.4	0.43996	0.1509E-01	1.20984	0.8514E-02	79.6
413	149.0	1810.1	2.6	0.44044	0.1620E-01	1.20988	0.8543E-02	81.7
413	149.5	1810.2	2.5	0.44094	0.1737E-01	1.20996	0.8611E-02	84.7
413	150.0	1809.9	2.4	0.44152	0.1871E-01	1.21004	0.8679E-02	86.7
413	150.5	1809.1	2.7	0.44215	0.2016E-01	1.21019	0.8802E-02	88.7
413	151.0	1808.4	2.6	0.44284	0.2174E-01	1.21028	0.8873E-02	91.4
413	151.5	1808.2	2.6	0.44364	0.2360E-01	1.21046	0.9028E-02	93.4
413	152.0	1808.1	2.6	0.44455	0.2568E-01	1.21056	0.9106E-02	96.9
413	152.5	1807.9	2.4	0.44556	0.2803E-01	1.21062	0.9161E-02	100.8
413	153.0	1808.2	2.6	0.44678	0.3044E-01	1.21083	0.9336E-02	104.2
413	153.5	1807.5	2.5	0.44837	0.3451E-01	1.21097	0.9449E-02	109.4
413	154.0	1807.1	2.6	0.45019	0.3870E-01	1.21119	0.9634E-02	113.3
413	154.5	1807.5	2.5	0.45248	0.4399E-01	1.21133	0.9753E-02	119.6
413	155.0	1808.5	2.5	0.45534	0.5060E-01	1.21153	0.9922E-02	124.0
413	155.5	1807.5	2.5	0.45894	0.5884E-01	1.21179	0.1013E-01	128.4
413	156.0	1807.0	2.4	0.46350	0.6941E-01	1.21207	0.1037E-01	133.5
413	156.5	1807.2	2.6	0.46937	0.8295E-01	1.21237	0.1061E-01	138.7
413	157.0	1807.5	2.5	0.47753	0.1018E+00	1.21253	0.1075E-01	143.4
413	157.5	1807.8	2.4	0.48308	0.1261E+00	1.21273	0.1092E-01	147.0
413	158.0	1808.8	2.4	0.50209	0.1585E+00	1.21282	0.1099E-01	152.5
413	158.5	1809.7	2.6	-9.99900	-9.9999E+03	1.21271	0.1090E-01	157.2
413	159.0	1812.1	2.5	-9.99900	-9.9999E+04	1.21089	0.9384E-02	161.2
413	159.5	1806.0	2.5	-9.99900	-9.9999E+04	1.20940	0.8141E-02	154.4
413	160.0	1791.6	2.4	-9.99900	-9.9999E+04	1.20935	0.8102E-02	158.0
413	160.5	1775.2	2.6	-9.99900	-9.9999E+04	1.20927	0.8036E-02	162.5
413	161.0	1761.7	2.6	-9.99900	-9.9999E+04	1.20922	0.7992E-02	167.1
413	161.5	1753.5	2.6	-9.99900	-9.9999E+04	1.20915	0.7931E-02	170.8
413	162.0	1749.1	2.4	-9.99900	-9.9999E+04	1.20910	0.7892E-02	176.2
413	162.5	1745.0	2.4	-9.99900	-9.9999E+04	1.20910	0.7895E-02	180.1
413	163.0	1739.6	2.5	-9.99900	-9.9999E+04	1.20906	0.7864E-02	184.5
413	163.5	1737.6	2.7	-9.99900	-9.9999E+04	1.20911	0.7902E-02	189.6
413	164.0	1736.6	2.4	-9.99900	-9.9999E+04	1.20913	0.7915E-02	194.7
413	164.5	1736.0	2.6	-9.99900	-9.9999E+04	1.20911	0.7905E-02	198.6
413	165.0	1734.2	2.3	-9.99900	-9.9999E+04	1.20922	0.7992E-02	203.1
413	165.5	1736.2	2.8	-9.99900	-9.9999E+04	1.20922	0.7996E-02	208.0

413	166.0	1732.6	2.7-9.99900	-.9999E+04	1.20927	0.8035E-02	212.7
413	166.5	1732.5	2.3-9.99900	-.9999E+04	1.20925	0.8018E-02	217.8
413	167.0	1700.0	1.4-9.99900	-.9999E+04	1.20885	0.7668E-02	222.5
413	167.5	1638.0	1.3-9.99900	-.9999E+04	1.20866	0.7691E-02	227.2
413	168.0	1587.7	1.4-9.99900	-.9999E+04	1.20956	0.8274E-02	232.9
413	168.5	1555.8	1.3-9.99900	-.9999E+04	1.21063	0.9171E-02	236.5

41A	125.5	1498.7	4.8	0.43640	0.7491E-02	1.16487	0.5475E-02	1.9
41A	127.0	1511.1	4.9	0.43674	0.7446E-02	1.16499	0.5479E-02	1.2
41A	127.5	1524.0	5.0	0.43679	0.7461E-02	1.16514	0.6103E-02	1.1
41A	128.0	1535.5	5.0	0.43680	0.7470E-02	1.16524	0.6190E-02	1.5
41A	128.5	1547.6	5.4	0.43690	0.7491E-02	1.16535	0.6247E-02	1.4
41A	129.0	1558.2	4.8	0.43690	0.7491E-02	1.16767	0.4294E-02	1.5
41A	129.5	1570.0	5.3	0.43670	0.7652E-02	1.16566	0.6552E-02	1.5
41A	130.0	1580.9	5.1	0.43690	0.7562E-02	1.16546	0.6730E-02	1.2
41A	130.5	1591.4	5.3	0.43655	0.7308E-02	1.16415	0.5253E-02	1.9
41A	131.0	1600.4	5.4	0.43688	0.1085E-01	1.16191	0.3314E-02	1.3
41A	131.5	1609.5	5.5	0.44054	0.1681E-01	1.16263	0.3940E-02	1.9
41A	132.0	1618.1	5.4	0.44614	0.2952E-01	1.16331	0.4529E-02	1.8
41A	132.5	1627.4	5.6	0.44616	0.2948E-01	1.16429	0.5375E-02	1.7
41A	133.0	1637.2	5.8	0.44557	0.2813E-01	1.16604	0.6684E-02	1.0
41A	133.5	1649.4	5.4	0.44553	0.2803E-01	1.16669	0.7441E-02	1.3
41A	134.0	1662.4	5.8	0.44619	0.2493E-01	1.16760	0.4400E-02	1.3
41A	134.5	1677.9	5.9	0.44276	0.2164E-01	1.16901	0.9446E-02	1.6
41A	135.0	1693.4	6.1	0.43724	0.8095E-02	1.16955	0.1017E-01	1.5
41A	135.5	1712.3	5.9	0.43992	0.1524E-01	1.17073	0.1093E-01	1.5
41A	136.0	1730.7	6.0	0.44166	0.1910E-01	1.17158	0.1150E-01	1.7
41A	136.5	1749.3	6.1	0.44291	0.2194E-01	1.17197	0.1200E-01	1.7
41A	137.0	1768.1	6.0	0.44135	0.1834E-01	1.17239	0.1237E-01	1.2
41A	137.5	1766.8	5.7	0.44216	0.2026E-01	1.17272	0.1265E-01	1.6
41A	138.0	1804.8	5.4	0.44273	0.2153E-01	1.17294	0.1284E-01	1.4
41A	138.5	1822.3	5.5	0.44314	0.2251E-01	1.17314	0.1301E-01	1.5
41A	139.0	1838.7	5.4	0.44260	0.2128E-01	1.17323	0.1309E-01	1.7
41A	139.5	1854.1	5.6	0.44267	0.2143E-01	1.17345	0.1326E-01	1.8
41A	140.0	1869.7	5.7	0.44504	0.2684E-01	1.17361	0.1342E-01	1.8
41A	140.5	1885.9	5.7	0.44262	0.2133E-01	1.17382	0.1360E-01	1.5
41A	141.0	1902.5	5.4	0.44343	0.2320E-01	1.17399	0.1375E-01	2.0
41A	141.5	1918.6	5.7	0.44351	0.2337E-01	1.17420	0.1401E-01	1.7
41A	142.0	1934.5	5.5	0.44297	0.2212E-01	1.17446	0.1415E-01	1.5
41A	142.5	1950.2	5.2	0.44262	0.2133E-01	1.17466	0.1433E-01	1.6
41A	143.0	1965.0	5.1	0.44326	0.2279E-01	1.17482	0.1446E-01	1.8
41A	143.5	1979.3	5.5	0.44116	0.1796E-01	1.17493	0.1456E-01	1.6
41A	144.0	1993.1	5.6	0.43991	0.1506E-01	1.21377	0.4810E-01	1.7
41A	144.5	2007.0	5.1	0.43961	0.1437E-01	1.21049	0.4527E-01	1.5
41A	145.0	2017.1	5.2	0.43982	0.1486E-01	1.20772	0.4286E-01	1.9
41A	145.5	2019.8	5.0	0.44054	0.1652E-01	1.21769	0.5148E-01	1.2
41A	146.0	1977.3	4.9	0.44255	0.2116E-01	1.19383	0.3086E-01	1.3
41A	146.5	1964.9	5.1	0.44297	0.2189E-01	1.22239	0.5554E-01	1.8
41A	147.0	1972.9	6.2	0.44463	0.2596E-01	1.21165	0.4627E-01	2.0
41A	147.5	1994.2	6.0	0.44571	0.2445E-01	1.22026	0.5422E-01	1.5
41A	148.0	2011.2	5.0	0.44570	0.2843E-01	1.22759	0.6004E-01	1.6
41A	148.5	2016.7	4.8	0.44617	0.2459E-01	1.21542	0.4952E-01	1.3
41A	149.0	2014.6	5.0	0.44615	0.2952E-01	1.20440	0.4000E-01	1.6
41A	149.5	2009.0	5.0	0.44542	0.2870E-01	1.22650	0.6042E-01	1.6
41A	150.0	2004.6	4.8	0.44612	0.2940E-01	1.22459	0.6176E-01	1.3
41A	150.5	2002.0	5.4	0.44635	0.2996E-01	1.21609	0.5010E-01	1.6
41A	151.0	2002.3	5.3	0.44670	0.3129E-01	1.18148	0.2022E-01	1.7
41A	151.5	2003.7	5.0	0.44659	0.3048E-01	1.18045	0.1932E-01	1.7
41A	152.0	2004.4	5.2	0.44655	0.3062E-01	1.17185	0.1191E-01	0.4
41A	152.5	2005.5	5.2	0.44721	0.3192E-01	1.17246	0.1242E-01	1.5
41A	153.0	2005.2	4.9	0.44725	0.3202E-01	1.11744	-0.3506E-01	1.3
41A	153.5	2005.2	4.9	0.44753	0.3275E-01	1.17610	0.1557E-01	1.6
41A	154.0	2005.2	5.2	0.44743	0.3243E-01	1.14360	-0.1250E-01	1.1
41A	154.5	2005.2	5.2	0.44733	0.3219E-01	1.19780	0.3431E-01	1.7
41A	155.0	2004.7	5.3	0.44775	0.3314E-01	1.16647	0.4983E-02	1.4
41A	155.5	2004.6	5.2	0.44770	0.3304E-01	1.20459	0.4371E-01	1.5
41A	156.0	2005.1	5.1	0.44778	0.3323E-01	1.19287	0.3905E-01	1.6

418	156.5	2005.4	5.8	0.44539	0.2771E-01	1.19869	0.3504E-01	1.4
418	157.0	2005.8	5.9	0.44640	0.3005E-01	1.12773	-0.2616E-01	1.6
418	157.5	2005.5	5.9	0.44547	0.2779E-01	1.15079	-0.6281E-02	1.6
418	158.0	2005.9	5.7	0.44712	0.3171E-01	1.17591	0.1541E-01	1.7
418	158.5	2005.8	5.6	0.44871	0.3537E-01	1.14953	-0.7374E-02	1.4
418	159.0	2005.8	5.1	0.44799	0.3370E-01	1.08715	-0.6123E-01	1.5
418	159.5	2006.0	5.7	0.44884	0.3474E-01	1.09593	-0.5443E-01	1.5
418	160.0	2006.0	5.1	0.44879	0.3555E-01	1.13645	-0.1867E-01	1.3
418	160.5	2005.7	5.5	0.44820	0.3419E-01	1.13574	-0.1924E-01	2.1
418	161.0	2006.0	5.7	0.44747	0.3250E-01	1.09199	-0.5706E-01	2.4
418	161.5	2006.3	5.7	0.44728	0.3207E-01	1.12210	-0.3106E-01	2.9
418	162.0	2006.3	5.3	0.44880	0.3557E-01	1.09065	-0.5839E-01	4.0
418	162.5	2006.0	5.5	0.44743	0.3241E-01	1.14117	-0.1459E-01	5.5
418	163.0	2006.1	5.1	0.44776	0.3317E-01	1.13645	-0.1867E-01	7.7
418	163.5	2006.1	5.5	0.44922	0.3655E-01	1.11813	-0.3449E-01	11.0
418	164.0	2006.2	5.3	0.44808	0.3391E-01	1.13929	-0.1621E-01	15.0
418	164.5	2006.1	5.7	0.44835	0.2993E-01	1.11410	-0.3365E-01	19.2
418	165.0	2006.2	5.4	0.44844	0.3474E-01	1.10044	-0.4977E-01	17.7
418	165.5	2006.4	5.4	0.44513	0.2710E-01	1.11131	-0.4638E-01	14.7
418	166.0	2005.8	5.3	0.44690	0.3120E-01	1.13459	-0.2028E-01	13.5
418	166.5	2005.6	5.3	0.44234	0.2076E-01	1.12875	-0.2532E-01	13.7
418	167.0	2006.0	5.5	0.44563	0.2827E-01	1.10439	-0.4635E-01	15.5
418	167.5	2005.8	6.0	0.44572	0.2848E-01	1.10477	-0.4602E-01	17.6
418	168.0	2006.3	5.7	0.44223	0.2043E-01	1.09763	-0.5217E-01	21.5
418	168.5	2006.2	5.7	0.44422	0.2501E-01	1.10506	-0.4577E-01	26.3
418	169.0	2006.4	6.0	0.44819	0.3414E-01	1.12603	-0.2766E-01	31.1
418	169.5	2006.3	5.3	0.44959	0.3739E-01	1.10152	-0.4883E-01	35.7
418	170.0	2006.7	5.3	0.44465	0.2646E-01	1.10520	-0.4566E-01	40.1
418	170.5	2006.0	5.4	0.44142	0.1854E-01	1.12391	-0.2949E-01	44.0
418	171.0	2006.8	5.3	0.45215	0.4332E-01	1.09557	-0.5396E-01	43.7
418	171.5	2006.3	5.7	0.44968	0.3740E-01	1.13011	-0.2414E-01	53.0
418	172.0	2006.8	5.5	0.44835	0.3453E-01	1.11364	-0.3637E-01	57.8
418	172.5	2006.5	5.4	0.44558	0.2815E-01	1.10374	-0.4691E-01	62.4
418	173.0	2006.9	5.4	0.45349	0.4640E-01	1.13907	-0.1541E-01	66.9
418	173.5	2007.0	5.3	0.45575	0.5160E-01	1.11568	-0.3600E-01	70.9
418	174.0	2007.5	5.6	0.45649	0.5331E-01	1.13483	-0.2007E-01	76.0
418	174.5	2007.8	5.6	0.45864	0.5828E-01	1.11555	-0.3671E-01	80.3
418	175.0	2008.8	5.4	0.45963	0.6056E-01	1.12051	-0.3243E-01	84.5
418	175.5	2009.0	5.6	0.45956	0.6042E-01	1.12196	-0.3118E-01	88.7
418	176.0	2010.0	5.5	0.46377	0.7012E-01	1.12325	-0.3006E-01	93.1
418	176.5	2010.0	5.5	0.47159	0.8816E-01	1.15709	-0.8417E-03	97.4
418	177.0	1979.1	5.2	0.48206	0.1123E+00	1.12172	-0.3139E-01	102.2
418	177.5	1847.6	5.9	0.49647	0.1456E+00	1.13040	-0.2389E-01	105.9
418	178.0	1720.6	7.9	-9.99900	-0.9999E+04	1.13150	-0.2294E-01	109.8
418	178.5	1259.1	1.5	-9.99900	-0.9999E+04	1.22800	0.6039E-01	66.4
418	179.0	789.6	-1.7	-9.99900	-0.9999E+04	1.17349	0.1332E-01	40.5
418	179.5	1471.0	-1.5	-9.99900	-0.9999E+04	1.14979	-0.7149E-02	31.5
418	180.0	1329.8	-2.1	-9.99900	-0.9999E+04	1.14111	-0.1464E-01	35.3

E : Biaxial Ramp Pressure Strain Data Zry-4
(In 20% O₂ - 80% Ar 1 atm)

329	147.0	643.4	14.0	0.45307	0.4559E-01	1.16941	0.2927E-02	11.0
329	147.5	945.7	19.5	0.45681	0.4422E-01	1.17139	0.4282E-02	10.0
329	148.0	1342.8	13.2	0.44780	0.3344E-01	1.17295	0.5624E-02	10.5
329	148.5	1605.0	5.2	0.43886	0.1234E-01	1.17654	0.8598E-02	12.1
329	149.0	1638.2	2.5	0.43574	0.4708E-02	1.17246	0.5144E-02	12.2
329	149.5	1644.1	2.3	0.43592	0.4019E-02	1.17484	0.7275E-02	12.3
329	150.0	1649.5	2.2	0.43609	0.8411E-02	1.17496	0.7358E-02	12.2
329	150.5	1650.8	2.1	0.43612	0.4479E-02	1.17504	0.7411E-02	12.2
329	151.0	1649.8	2.4	0.43614	0.4531E-02	1.17518	0.7531E-02	12.2
329	151.5	1647.8	1.9	0.43627	0.4630E-02	1.17527	0.7604E-02	12.0
329	152.0	1642.9	1.6	0.43619	0.4631E-02	1.17525	0.7588E-02	12.1
329	152.5	1638.4	2.0	0.43637	0.7047E-02	1.17545	0.7761E-02	12.1
329	152.5	1622.5	2.6	0.43664	0.7676E-02	1.17645	0.8620E-02	12.9
329	153.5	1622.5	2.7	0.43664	0.7676E-02	1.17641	0.8758E-02	15.2
329	164.5	1620.3	3.0	0.43672	0.7663E-02	1.17670	0.8836E-02	21.3
329	165.5	1623.8	2.5	0.43672	0.7870E-02	1.17691	0.9009E-02	29.2
329	166.5	1623.4	2.8	0.43681	0.7672E-02	1.17716	0.9172E-02	37.2
329	167.5	1623.7	2.7	0.43691	0.8304E-02	1.17715	0.9219E-02	45.5
329	168.5	1622.5	2.7	0.43704	0.8595E-02	1.17730	0.9351E-02	54.1
329	169.5	1622.6	2.8	0.43681	0.8008E-02	1.17744	0.9467E-02	62.5
329	170.5	1622.9	3.0	0.43699	0.8476E-02	1.17768	0.9675E-02	71.2
329	171.5	1629.6	2.7	0.43752	0.9703E-02	1.17799	0.9934E-02	79.1
329	172.5	1628.4	2.7	0.43765	0.1001E-01	1.17801	0.9957E-02	87.0
329	173.5	1629.6	2.9	0.43751	0.9688E-02	1.17819	0.1011E-01	95.9
329	174.5	1632.9	2.6	0.43813	0.1112E-01	1.17838	0.1027E-01	104.2
329	175.5	1631.8	3.0	0.43832	0.1150E-01	1.17803	0.9973E-02	113.1
329	176.5	1630.7	2.6	0.43852	0.1201E-01	1.17874	0.1056E-01	122.0
329	177.5	1632.6	2.9	0.43874	0.1252E-01	1.17984	0.1087E-01	131.7
329	178.5	1634.8	2.5	0.43878	0.1281E-01	1.17898	0.1074E-01	141.6
329	179.5	1632.1	2.6	0.43932	0.1388E-01	1.17928	0.1105E-01	151.4
329	180.5	1635.4	3.0	0.43926	0.1373E-01	1.17943	0.1117E-01	160.8
329	181.5	1637.6	3.0	0.43993	0.1526E-01	1.17960	0.1132E-01	169.3
329	182.5	1636.2	2.6	0.44032	0.1616E-01	1.17970	0.1141E-01	176.4
329	183.5	1640.4	2.6	0.44059	0.1680E-01	1.17986	0.1154E-01	187.2
329	184.5	1641.0	2.5	0.44105	0.1785E-01	1.18557	0.2717E-02	196.1
329	185.5	1639.1	2.8	0.44137	0.1860E-01	1.18015	0.1179E-01	205.6
329	186.5	1638.3	2.7	0.44223	0.2059E-01	1.18036	0.1197E-01	215.4
329	187.5	1644.8	2.7	0.44292	0.2215E-01	1.18064	0.1221E-01	225.6
329	188.5	1645.6	2.8	0.44364	0.2380E-01	1.18084	0.1241E-01	235.5
329	189.5	1646.1	2.4	0.44445	0.2569E-01	1.18103	0.1254E-01	245.6
329	190.5	1644.0	2.5	0.44513	0.2727E-01	1.18126	0.1274E-01	255.2
329	191.5	1649.5	2.9	0.44635	0.3008E-01	1.18158	0.1302E-01	265.5
329	192.5	1650.6	2.7	0.44747	0.3262E-01	1.18180	0.1320E-01	276.0
329	193.5	1647.3	2.7	0.44870	0.3551E-01	1.18204	0.1341E-01	286.2
329	194.5	1649.3	3.0	0.44973	0.3788E-01	1.18249	0.1360E-01	296.7
329	195.5	1653.2	2.7	0.45120	0.4129E-01	1.18276	0.1398E-01	307.2
329	196.5	1650.5	2.7	0.45321	0.4636E-01	1.18309	0.1431E-01	317.4
329	197.5	1651.0	2.9	0.45533	0.5080E-01	1.18331	0.1450E-01	328.1
329	198.5	1650.9	2.8	0.45743	0.5585E-01	1.18373	0.1486E-01	338.5
329	199.5	1655.7	2.7	0.45991	0.6138E-01	1.18416	0.1523E-01	349.1
329	200.5	1648.3	2.6	0.46253	0.6743E-01	1.18453	0.1555E-01	359.3
329	201.5	1653.2	2.9	0.46578	0.7492E-01	1.18504	0.1599E-01	369.2
329	202.5	1653.8	2.4	0.46926	0.8249E-01	1.18543	0.1631E-01	379.7
329	203.5	1654.8	2.4	0.47330	0.9227E-01	1.18740	0.1800E-01	389.6
329	204.5	1650.4	2.7	0.47875	0.1049E+00	1.18589	0.1671E-01	400.3
329	205.5	1601.3	3.0	0.48140	0.1098E+00	1.18233	0.1366E-01	388.7
329	206.5	1060.0	4.2	0.48947	0.1088E+00	1.18287	0.1395E-01	415.1
329	207.5	848.2	17.0	0.49990	0.9999E+00	1.18786	0.1440E-01	438.6
329	208.5	1063.4	17.5	0.49103	0.1332E+00	1.19395	0.2362E-01	440.1

330	154.5	589.4	4.3	0.44330	0.2125E-01	1.17630	0.6914E-02	11.0
330	155.0	726.0	17.9	0.44551	0.2656E-01	1.17699	0.2375E-02	9.7
330	155.5	1052.2	18.3	0.44517	0.2556E-01	1.17247	0.3540E-02	9.2
330	156.0	1440.4	16.2	0.44444	0.2396E-01	1.17380	0.4777E-02	9.5
330	156.5	1663.4	6.1	0.44532	0.2549E-01	1.17601	0.6666E-02	11.3
330	157.0	1794.1	1.4	0.43762	0.4162E-02	1.17714	0.7636E-02	11.9
330	157.5	1872.5	0.9	0.43775	0.4451E-02	1.17741	0.7866E-02	12.1
330	158.0	1906.6	0.6	0.43785	0.4693E-02	1.17770	0.8112E-02	12.1
330	158.5	1917.0	0.0	0.43784	0.4663E-02	1.17770	0.8114E-02	12.1
330	159.0	1904.4	-0.2	0.43783	0.4633E-02	1.17748	0.7925E-02	12.4
330	159.5	1874.8	-0.2	0.43773	0.4401E-02	1.17732	0.7792E-02	12.4
330	160.0	1839.1	0.1	0.43759	0.4095E-02	1.17705	0.7560E-02	12.1
330	170.0	1779.2	1.7	0.43747	0.4730E-02	1.17821	0.8549E-02	13.0
330	171.0	1740.0	1.8	0.43787	0.4737E-02	1.17635	0.8679E-02	15.1
330	172.0	1778.1	1.6	0.43793	0.4879E-02	1.17845	0.8756E-02	20.5
330	173.0	1779.0	2.1	0.43805	0.4948E-02	1.17667	0.8945E-02	27.5
330	174.0	1782.7	2.3	0.43810	0.4275E-02	1.18058	0.1058E-01	35.5
330	175.0	1780.0	1.7	0.43827	0.4663E-02	1.17902	0.4241E-02	44.0
330	176.0	1782.3	2.3	0.43837	0.4687E-02	1.17919	0.9381E-02	52.0
330	177.0	1783.5	2.0	0.43847	0.1013E-01	1.17937	0.9547E-02	60.5
330	178.0	1784.6	2.0	0.43838	0.4917E-02	1.17958	0.9723E-02	68.8
330	179.0	1785.4	2.2	0.43875	0.1076E-01	1.17965	0.9790E-02	77.1
330	180.0	1787.6	2.0	0.43897	0.1126E-01	1.17969	0.9989E-02	85.3
330	181.0	1785.0	1.9	0.43904	0.1153E-01	1.17999	0.1007E-01	93.9
330	182.0	1786.9	2.1	0.43929	0.1200E-01	1.18015	0.1024E-01	102.4
330	183.0	1787.7	2.2	0.43939	0.1223E-01	1.18027	0.1031E-01	111.5
330	184.0	1786.7	1.9	0.43967	0.1287E-01	1.18032	0.1036E-01	121.0
330	185.0	1791.7	2.2	0.43985	0.1330E-01	1.18060	0.1059E-01	130.1
330	186.0	1790.7	1.7	0.44004	0.1373E-01	1.18063	0.1063E-01	140.2
330	187.0	1792.4	2.4	0.44028	0.1429E-01	1.18645	0.1561E-01	149.6
330	188.0	1793.6	1.8	0.44062	0.1507E-01	1.18578	0.1503E-01	154.1
330	189.0	1794.8	1.8	0.44136	0.1677E-01	1.17975	0.4675E-02	168.3
330	190.0	1796.3	1.9	0.44335	0.2137E-01	1.17694	0.9180E-02	177.7
330	191.0	1799.1	2.0	0.44694	0.2982E-01	1.18572	0.1498E-01	186.9
330	192.0	1799.6	2.0	0.45363	0.4503E-01	1.18123	0.1114E-01	196.4
330	193.0	1804.6	1.6	0.46623	0.7406E-01	1.18098	0.1092E-01	205.6
330	194.0	1811.5	1.7	0.49541	0.1413E+00	1.17905	0.4271E-02	214.6
330	196.5	1703.6	3.0	0.50870	0.1719E+00	-9.99900	-9.9994E+04	227.3
330	197.0	1713.7	3.7	0.50941	0.1736E+00	-9.99900	-9.9994E+04	232.4
330	198.0	1770.6	2.1	-9.99900	-9.9994E+04	1.17758	0.8014E-02	242.6
330	200.0	1706.5	2.5	0.50936	0.1734E+00	-9.99900	-9.9994E+04	262.9
330	200.5	1704.1	3.0	0.50930	0.1733E+00	-9.99900	-9.9994E+04	267.8
330	201.0	1723.7	3.7	0.51161	0.1786E+00	-9.99900	-9.9994E+04	272.7
330	201.5	1746.9	3.1	0.50817	0.1707E+00	-9.99900	-9.9994E+04	277.6
330	190.0	1796.3	1.9	0.44335	0.2137E-01	1.17894	0.9180E-02	177.7

331	129.5	601.0	-1.4	0.43446	0.2071E-02	1.17849	0.1393E-02	11.5
331	130.0	600.9	-1.6	0.43445	0.2056E-02	1.17655	0.1442E-02	11.1
331	130.5	601.4	-0.6	0.43446	0.2064E-02	1.17657	0.1459E-02	11.5
331	131.0	607.0	13.6	0.44652	0.2990E-01	1.17697	0.1602E-02	9.6
331	131.5	890.5	19.2	0.44742	0.3194E-01	1.18044	0.3051E-02	8.4
331	132.0	1272.7	16.2	0.44841	0.3424E-01	1.18187	0.4263E-02	8.1
331	132.5	1596.2	17.8	0.42613	-0.1254E-01	1.18307	0.5286E-02	3.3
331	133.0	1841.0	6.7	0.42017	-0.2168E-01	1.18541	0.7273E-02	10.2
331	133.5	2038.3	3.4	0.44018	0.2911E-01	1.18640	0.8111E-02	10.9
331	134.0	2110.9	1.9	0.43743	0.8926E-02	1.18664	0.8315E-02	11.4
331	134.5	2137.0	1.2	0.43756	0.9219E-02	1.18680	0.8450E-02	11.7
331	135.0	2136.6	0.0	0.43743	0.9376E-02	1.18695	0.8580E-02	11.3
331	145.0	1984.2	3.4	0.43746	0.9959E-02	1.18737	0.8936E-02	11.9
331	146.0	1983.8	3.2	0.44547	0.2745E-01	1.18656	0.8265E-02	11.6
331	147.0	1984.0	3.3	0.43775	0.9660E-02	1.18745	0.9007E-02	14.9
331	148.0	1982.6	3.0	0.43773	0.9600E-02	1.18872	0.1008E-01	21.7
331	149.0	1982.7	3.4	0.44981	0.3747E-01	1.18750	0.9050E-02	29.2
331	150.0	1983.5	3.1	0.45347	0.4592E-01	1.18761	0.9137E-02	36.1
331	151.0	1982.6	3.0	0.43813	0.1053E-01	1.18749	0.9036E-02	42.8
331	152.0	1984.3	3.0	0.44305	0.2396E-01	1.18775	0.9254E-02	50.3
331	153.0	1984.3	3.2	0.43829	0.1041E-01	1.18763	0.9155E-02	56.3
331	154.0	1984.2	3.7	0.44555	0.2746E-01	1.18690	0.8540E-02	67.2
331	155.0	1983.9	3.1	0.43854	0.1148E-01	1.18805	0.9510E-02	76.2
331	156.0	1985.9	3.4	0.43848	0.1133E-01	1.18684	0.8487E-02	84.2
331	157.0	1986.5	3.5	0.43861	0.1163E-01	1.18818	0.9624E-02	92.7
331	158.0	1987.7	3.4	0.44455	0.2535E-01	1.18823	0.9668E-02	100.9
331	159.0	1986.6	3.6	0.44447	0.2515E-01	1.18826	0.9695E-02	109.5
331	160.0	1989.0	3.4	0.43889	0.1224E-01	1.18866	0.1020E-01	116.3
331	161.0	1988.6	3.1	0.45076	0.3467E-01	1.18840	0.9614E-02	127.3
331	162.0	1989.2	3.3	0.44048	0.1595E-01	1.19246	0.1326E-01	136.0
331	163.0	1992.6	3.1	0.46252	0.6678E-01	1.18849	0.9891E-02	145.0
331	164.0	1995.3	3.4	0.44465	0.2557E-01	1.18718	0.8777E-02	154.4
331	165.0	1997.2	2.9	0.44541	0.2732E-01	1.18855	0.9942E-02	164.0
331	166.0	2001.1	3.6	0.44931	0.3632E-01	1.19024	0.1137E-01	173.7
331	167.0	2011.6	2.6	0.45697	0.5398E-01	1.19004	0.1120E-01	183.6
331	168.0	1995.5	2.8	0.46024	0.6153E-01	1.18808	0.9541E-02	176.7
331	169.0	1937.0	3.6	0.46213	0.6529E-01	1.18728	0.8857E-02	191.2
331	170.0	1918.6	4.9	0.46007	0.6114E-01	-9.99900	-0.9999E+04	202.0
331	171.0	1954.0	4.1	0.46264	0.4707E-01	1.19506	0.1547E-01	211.7
331	172.0	2002.4	4.2	0.46377	0.6968E-01	1.18769	0.9213E-02	247.1
331	173.0	2064.4	2.5	0.46018	0.6139E-01	1.17060	-0.5313E-02	250.2
331	174.0	2030.4	1.7	0.46006	0.6112E-01	1.18603	0.9495E-02	252.8

332	61.0	140.4	-1.2	0.43341	0.3637E-03	1.18453	0.2395E-03	14.2
332	61.5	141.6	-1.2	0.43341	0.3551E-03	1.18455	0.2556E-03	13.6
332	62.0	142.6	-1.2	0.43343	0.4071E-03	1.18453	0.2363E-03	14.2
332	62.5	142.9	-1.1	0.43343	0.4160E-03	1.18455	0.2590E-03	14.2
332	63.0	143.2	-1.1	0.43342	0.3936E-03	1.18453	0.2396E-03	14.4
332	63.5	145.0	-1.2	0.43343	0.4160E-03	1.18455	0.2657E-03	14.3
332	64.0	145.9	-1.2	0.43344	0.4220E-03	1.18455	0.2559E-03	14.0
332	64.5	146.4	-1.4	0.43343	0.4065E-03	1.18455	0.2657E-03	14.1
332	65.0	146.1	-1.2	0.43344	0.4185E-03	1.18454	0.2460E-03	14.5
332	65.5	144.4	-1.1	0.43344	0.4255E-03	1.18460	0.2952E-03	14.0
332	66.0	150.3	-1.1	0.43341	0.3711E-03	1.18454	0.2788E-03	14.0
332	66.5	150.1	-1.0	0.43343	0.4085E-03	1.18458	0.2621E-03	14.2
332	76.5	554.1	-0.4	0.43413	0.2025E-02	1.18611	0.1574E-02	14.6
332	86.5	584.0	-0.9	0.43414	0.2040E-02	1.18622	0.1669E-02	14.0
332	96.5	589.4	-1.1	0.43418	0.2144E-02	1.18639	0.1807E-02	14.5
332	106.5	591.5	-1.5	0.43416	0.2065E-02	1.18630	0.1738E-02	13.5
332	116.5	588.4	-1.3	0.43420	0.2174E-02	1.18620	0.1853E-02	13.6
332	126.5	589.4	-1.1	0.43416	0.2092E-02	1.18621	0.1863E-02	13.9
332	136.5	591.1	-1.2	0.43415	0.2070E-02	1.18622	0.1866E-02	13.4
332	146.5	590.6	-1.1	0.43411	0.1987E-02	1.18625	0.1689E-02	13.9
332	156.5	0.0	1.3	0.43942	0.1423E-01	1.19811	0.1171E-01	13.6
332	166.5	660.1	3.7	0.44092	0.1770E-01	1.18629	0.1417E-02	14.6
332	176.5	2131.1	4.1	0.44099	0.1785E-01	1.20099	0.1414E-01	41.7
332	177.5	2183.6	4.6	0.44093	0.1772E-01	1.20122	0.1433E-01	45.0
332	178.5	2182.2	4.1	0.44099	0.1785E-01	1.20099	0.1414E-01	48.5
332	179.5	2182.9	4.5	0.44097	0.1782E-01	1.20123	0.1434E-01	51.4
332	180.5	2182.9	4.6	0.44099	0.1786E-01	1.20134	0.1444E-01	54.8
332	181.5	2187.3	4.6	0.44111	0.1813E-01	1.20147	0.1455E-01	57.5
332	182.5	2189.3	3.9	0.44107	0.1804E-01	1.20159	0.1465E-01	60.6
332	183.5	2184.2	4.4	0.44117	0.1828E-01	1.20162	0.1467E-01	64.6
332	184.5	2183.5	4.3	0.44127	0.1851E-01	1.20167	0.1471E-01	68.9
332	185.5	2187.8	4.6	0.44121	0.1837E-01	1.20184	0.1485E-01	72.9
332	186.5	2187.3	4.5	0.44126	0.1853E-01	1.20190	0.1491E-01	77.3
332	187.5	2188.4	4.7	0.44131	0.1860E-01	1.20193	0.1494E-01	81.9
332	188.5	2186.3	4.5	0.44139	0.1877E-01	1.20196	0.1496E-01	86.3
332	189.5	2184.6	4.8	0.44143	0.1886E-01	1.18575	-0.1562E-01	90.4
332	190.5	2194.9	4.6	0.44142	0.1886E-01	1.18387	-0.3212E-03	95.4
332	191.5	2196.4	5.0	0.44142	0.1884E-01	1.20220	0.1516E-01	99.7
332	192.5	2194.2	4.2	0.44153	0.1911E-01	1.20225	0.1520E-01	103.6
332	193.5	2192.0	4.5	0.44158	0.1923E-01	1.20223	0.1518E-01	107.5
332	194.5	2194.7	4.4	0.44154	0.1914E-01	1.20222	0.1518E-01	111.6
332	195.5	2197.3	4.6	0.44159	0.1925E-01	1.20232	0.1526E-01	115.5
332	196.5	2196.3	4.8	0.44164	0.1937E-01	1.20232	0.1526E-01	120.6
332	197.5	2196.6	4.8	0.44164	0.1944E-01	1.20234	0.1526E-01	125.6
332	198.5	2199.8	5.0	0.44175	0.1960E-01	1.20230	0.1524E-01	130.4
332	199.5	1759.2	4.4	0.44179	0.1970E-01	1.20232	0.1526E-01	135.1
332	200.5	1534.5	4.6	0.44183	0.1979E-01	1.20223	0.1514E-01	139.9
332	201.5	840.0	4.7	0.44183	0.1980E-01	1.20219	0.1516E-01	144.6
332	202.5	1319.6	4.6	0.44190	0.1996E-01	1.20216	0.1512E-01	148.6
332	203.5	0.0	4.9	0.44222	0.2071E-01	1.20203	0.1502E-01	152.6
332	204.5	0.0	4.3	0.44283	0.2211E-01	1.20211	0.1504E-01	156.2
332	205.5	0.0	4.5	0.44422	0.2532E-01	1.20207	0.1505E-01	160.9
332	206.5	2119.6	4.4	0.44601	0.2944E-01	1.20277	0.1506E-01	137.0
332	207.5	1905.2	0.9	0.44524	0.2905E-01	1.17986	-0.3703E-02	124.0
332	208.5	438.4	10.4	0.44644	0.3044E-01	1.15104	-0.2804E-01	149.8
332	209.5	0.0	1.9	0.44671	0.3106E-01	1.20470	0.1727E-01	160.6

362	108.0	605.0	-0.8	0.43425	0.1945E-02	1.16892	0.1804E-02	19.9
362	108.5	605.3	-0.6	0.43427	0.1997E-02	1.16891	0.1800E-02	19.9
362	109.0	604.2	-1.0	0.43418	0.1795E-02	1.16893	0.1817E-02	20.2
362	109.5	604.2	-0.8	0.43426	0.1967E-02	1.16899	0.1867E-02	20.1
362	110.0	605.1	-1.1	0.43420	0.1829E-02	1.16886	0.1751E-02	20.1
362	110.5	605.6	-0.8	0.43421	0.1855E-02	1.16894	0.1820E-02	20.0
362	111.0	606.2	-1.1	0.43421	0.1870E-02	1.16890	0.1787E-02	20.3
362	111.5	606.3	-1.0	0.43421	0.1847E-02	1.16894	0.1824E-02	20.1
362	112.0	606.7	-0.8	0.43426	0.2020E-02	1.16897	0.1847E-02	20.1
362	112.5	606.5	-0.8	0.43422	0.1865E-02	1.16884	0.1741E-02	20.1
362	113.0	631.8	9.8	0.43437	0.2221E-02	1.16917	0.2020E-02	20.1
362	113.5	873.2	22.2	0.43448	0.2932E-02	1.17021	0.2912E-02	19.7
362	114.0	1294.3	20.7	0.44222	0.2033E-01	1.17180	0.4270E-02	19.9
362	114.5	1674.9	19.8	0.44268	0.2140E-01	1.17264	0.5169E-02	19.8
362	115.0	2004.7	13.9	0.44778	0.3317E-01	1.17552	0.7465E-02	20.0
362	115.5	0.0	6.1	0.43806	0.1078E-01	9.99900	-9.9999E+04	20.0
362	116.0	0.0	3.2	0.43841	0.1154E-01	1.17791	0.9512E-02	20.2
362	116.5	0.0	1.3	0.43856	0.1190E-01	1.17831	0.9655E-02	20.1
362	117.0	0.0	0.2	0.43856	0.1199E-01	1.17830	0.9848E-02	20.1
362	117.5	0.0	-0.2	0.43871	0.1224E-01	1.17837	0.9908E-02	20.0
362	118.0	0.0	-0.3	0.43861	0.1200E-01	1.17841	0.9938E-02	19.8
362	118.5	0.0	-0.7	0.43869	0.1218E-01	1.17847	0.9991E-02	20.0
362	119.0	0.0	-0.2	0.43885	0.1256E-01	1.17858	0.1008E-01	19.8
362	119.5	0.0	-0.3	0.43893	0.1275E-01	1.17882	0.1029E-01	20.0
362	120.0	0.0	-0.2	0.43923	0.1345E-01	1.17909	0.1052E-01	20.0
362	120.5	0.0	-0.1	0.43939	0.1381E-01	1.17955	0.1091E-01	20.0
362	121.0	0.0	0.2	0.43952	0.1411E-01	1.17984	0.1117E-01	19.9
362	121.5	0.0	0.4	0.43957	0.1422E-01	1.17974	0.1108E-01	20.0
362	122.0	0.0	0.9	0.43959	0.1426E-01	1.17929	0.1069E-01	20.1
362	122.5	0.0	1.5	0.43939	0.1382E-01	1.17862	0.1011E-01	19.8
362	123.0	2190.0	3.4	0.43936	0.1373E-01	1.17830	0.9845E-02	20.2
362	123.5	2164.2	4.5	0.43928	0.1357E-01	1.17821	0.9766E-02	20.0
362	124.0	2173.9	4.6	0.43933	0.1367E-01	1.17841	0.9938E-02	19.7
362	124.5	2189.7	4.8	0.43939	0.1380E-01	1.17593	0.7812E-02	20.1
362	125.0	0.0	4.2	0.43948	0.1402E-01	1.17858	0.1008E-01	19.8
362	125.5	0.0	4.1	0.43946	0.1396E-01	1.17871	0.1020E-01	20.0
362	126.0	0.0	3.6	0.43952	0.1412E-01	1.17867	0.1016E-01	20.0
362	126.5	0.0	3.9	0.43953	0.1414E-01	1.17859	0.1009E-01	19.8
362	127.0	1319.7	4.4	0.43948	0.1402E-01	1.17841	0.9935E-02	20.3
362	127.5	2194.0	4.4	0.43938	0.1379E-01	1.17830	0.9846E-02	20.1
362	128.0	2193.5	4.5	0.43941	0.1387E-01	1.17834	0.9876E-02	20.0
362	128.5	2197.0	4.3	0.43943	0.1390E-01	1.17833	0.9871E-02	22.3
362	129.0	1319.7	4.6	0.43956	0.1421E-01	1.17829	0.9636E-02	25.8
362	129.5	1318.8	4.3	0.43953	0.1413E-01	1.17820	0.9750E-02	29.2
362	130.0	2195.1	5.2	0.43960	0.1429E-01	1.17818	0.9742E-02	32.5
362	130.5	2193.4	4.3	0.43962	0.1433E-01	1.17815	0.9715E-02	36.1
362	131.0	2193.7	4.8	0.43965	0.1441E-01	1.17805	0.9628E-02	39.6
362	131.5	2194.5	4.7	0.43966	0.1444E-01	1.17804	0.9625E-02	43.1
362	132.0	2198.9	5.3	0.43969	0.1450E-01	1.17799	0.9575E-02	46.3
362	132.5	1759.3	4.8	0.43981	0.1475E-01	1.17790	0.9578E-02	49.5
362	133.0	1100.0	4.8	0.43971	0.1455E-01	1.17794	0.9532E-02	53.6
362	133.5	1319.7	5.1	0.43969	0.1450E-01	1.17862	0.1012E-01	56.5
362	134.0	2197.7	4.5	0.43975	0.1464E-01	1.17789	0.9449E-02	60.5
362	134.5	1978.0	4.6	0.43987	0.1491E-01	1.17777	0.9384E-02	64.0
362	135.0	2196.6	5.1	0.43982	0.1479E-01	1.17775	0.9379E-02	67.9
362	135.5	2195.4	4.3	0.43990	0.1500E-01	1.17774	0.9362E-02	72.2
362	136.0	2196.5	4.2	0.43994	0.1518E-01	1.17777	0.9302E-02	77.6
362	136.5	2196.2	5.2	0.44000	0.1521E-01	1.17766	0.9295E-02	81.4
362	137.0	2195.2	4.5	0.44008	0.1533E-01	1.17775	0.9375E-02	92.1
362	137.5	2193.9	4.6	0.44014	0.1554E-01	1.17769	0.9319E-02	99.5

362	138.0	2194.4	5.0	0.44070	0.1566E-01	1.17760	0.9242E-02	106.7
362	138.5	2192.1	4.8	0.44019	0.1565E-01	1.17764	0.9321E-02	113.0
362	139.0	2191.8	5.0	0.44030	0.1604E-01	1.17754	0.9236E-02	121.1
362	139.5	2195.3	4.9	0.44026	0.1581E-01	1.17759	0.9232E-02	127.7
362	140.0	2196.4	4.6	0.44000	0.1614E-01	1.17756	0.9209E-02	135.1
362	140.5	2198.5	5.1	0.44053	0.1645E-01	1.17755	0.9199E-02	142.3
362	141.0	2197.3	4.7	0.44066	0.1674E-01	1.17758	0.9226E-02	150.1
362	141.5	2197.3	4.6	0.44090	0.1730E-01	1.17750	0.9154E-02	156.4
362	142.0	2196.0	4.6	0.44113	0.1782E-01	1.17743	0.9099E-02	163.7
362	142.5	2196.3	4.8	0.44132	0.1774E-01	1.17704	0.8806E-02	170.7
362	143.0	2195.3	5.1	0.44235	0.2064E-01	1.17692	0.8663E-02	178.5
362	143.5	2195.0	4.5	0.44554	0.2511E-01	1.17633	0.8154E-02	186.5
362	144.0	2183.7	4.5	0.44997	0.3623E-01	1.17474	0.6797E-02	185.4
362	144.5	2145.1	5.2	0.44922	0.3787E-01	1.17445	0.6543E-02	194.1
362	145.0	2108.9	5.5	0.44972	0.3764E-01	1.17459	0.6662E-02	201.3
362	145.5	2085.1	5.9	0.44968	0.3755E-01	1.17462	0.6693E-02	208.7

521	151.5	1586.2	0.0	0.43633	0.6506E-02	1.42264	0.6370E-02	22.7
521	152.0	1585.2	0.0	0.43637	0.6595E-02	1.42267	0.6387E-02	22.7
521	152.5	1582.8	0.0	0.43637	0.6610E-02	1.42276	0.6463E-02	22.7
521	153.0	1582.2	0.0	0.43639	0.6640E-02	1.42285	0.6518E-02	21.9
521	153.5	1581.2	0.0	0.43637	0.6595E-02	1.42279	0.6474E-02	21.1
521	154.0	1581.2	0.0	0.43639	0.6640E-02	1.42288	0.6540E-02	21.1
521	154.5	1581.0	0.0	0.43639	0.6640E-02	1.42298	0.6610E-02	21.1
521	155.0	1580.2	0.0	0.43638	0.6625E-02	1.42296	0.6594E-02	21.1
521	155.5	1578.2	0.0	0.43643	0.6730E-02	1.42298	0.6610E-02	21.0
521	156.0	1578.0	0.0	0.43644	0.6760E-02	1.42311	0.6698E-02	21.1
521	156.5	1577.0	0.0	0.43642	0.6715E-02	1.42315	0.6725E-02	21.2
521	157.0	1576.0	0.0	0.43646	0.6820E-02	1.42334	0.6859E-02	21.4
521	157.5	1574.8	0.0	0.43646	0.6820E-02	1.42322	0.6774E-02	21.4
521	158.0	1574.6	0.0	0.43647	0.6835E-02	1.42322	0.6780E-02	21.6
521	158.5	1572.6	0.0	0.43644	0.6760E-02	1.42317	0.6742E-02	21.6
521	159.0	1570.8	0.0	0.43650	0.6909E-02	1.42323	0.6785E-02	21.6
521	159.5	1570.8	0.0	0.43645	0.6790E-02	1.42331	0.6840E-02	21.8
521	160.0	1570.4	0.0	0.43650	0.6909E-02	1.42332	0.6845E-02	21.7
521	160.5	1569.4	0.0	0.43651	0.6924E-02	1.42334	0.6862E-02	21.8
521	161.0	1568.4	0.0	0.43650	0.6894E-02	1.42348	0.6960E-02	21.9
521	161.5	1568.0	0.0	0.43654	0.6984E-02	1.42349	0.6965E-02	22.0
521	162.0	1565.4	0.0	0.43652	0.6939E-02	1.42352	0.6987E-02	21.7
521	162.5	1565.6	0.0	0.43656	0.7029E-02	1.42356	0.7014E-02	22.0
521	163.0	1565.6	0.0	0.43656	0.7044E-02	1.42348	0.6960E-02	21.6
521	163.5	1565.0	0.0	0.43658	0.7089E-02	1.42362	0.7064E-02	22.1
521	164.0	1563.4	0.0	0.43654	0.6984E-02	1.42344	0.6933E-02	21.7
521	164.5	1563.2	0.0	0.43660	0.7134E-02	1.42356	0.7020E-02	21.9
521	165.0	1562.2	0.0	0.43656	0.7029E-02	1.42364	0.7075E-02	22.1
521	165.5	1560.6	0.0	0.43659	0.7104E-02	1.42364	0.7074E-02	22.5
521	166.0	1561.0	0.0	0.43662	0.7179E-02	1.42366	0.7085E-02	22.9
521	166.5	1559.6	0.0	0.43658	0.7089E-02	1.42376	0.7162E-02	23.5
521	167.0	1559.0	0.0	0.43667	0.7283E-02	1.42376	0.7162E-02	24.2
521	167.5	1560.0	0.0	0.43659	0.7104E-02	1.42379	0.7184E-02	25.0
521	168.0	1559.2	0.0	0.43665	0.7253E-02	1.42382	0.7200E-02	25.6
521	168.5	1558.6	0.0	0.43667	0.7283E-02	1.42390	0.7260E-02	26.4
521	169.0	1556.8	0.0	0.43675	0.7478E-02	1.42393	0.7282E-02	27.4
521	169.5	1555.2	0.0	0.43665	0.7236E-02	1.42392	0.7271E-02	27.8
521	170.0	1554.8	0.0	0.43668	0.7328E-02	1.42392	0.7271E-02	28.8
521	170.5	1554.8	0.0	0.43672	0.7403E-02	1.42396	0.7298E-02	29.5
521	171.0	1554.2	0.0	0.43674	0.7448E-02	1.42401	0.7337E-02	30.1
521	171.5	1554.0	0.0	0.43677	0.7523E-02	1.42399	0.7320E-02	30.8
521	172.0	1552.6	0.0	0.43670	0.7373E-02	1.42410	0.7397E-02	31.6
521	172.5	1552.0	0.0	0.43676	0.7493E-02	1.42409	0.7391E-02	32.4
521	173.0	1550.2	0.0	0.43676	0.7508E-02	1.42417	0.7446E-02	32.9
521	173.5	1551.4	0.0	0.43674	0.7448E-02	1.42419	0.7462E-02	33.3
521	174.0	1551.8	0.0	0.43676	0.7493E-02	1.42422	0.7484E-02	33.5
521	174.5	1550.2	0.0	0.43673	0.7433E-02	1.42417	0.7451E-02	33.6
521	175.0	1549.2	0.0	0.43674	0.7463E-02	1.42432	0.7555E-02	33.8
521	175.5	1550.0	0.0	0.43679	0.7567E-02	1.42424	0.7500E-02	34.0
521	176.0	1551.2	0.0	0.43681	0.7612E-02	1.42431	0.7544E-02	33.9
521	176.5	1549.8	0.0	0.43681	0.7627E-02	1.42438	0.7599E-02	33.7
521	177.0	1549.2	0.0	0.43685	0.7717E-02	1.42433	0.7580E-02	33.8
521	177.5	1549.6	0.0	0.43684	0.7687E-02	1.42438	0.7599E-02	33.8
521	178.0	1548.0	0.0	0.43685	0.7717E-02	1.42444	0.7637E-02	33.8
521	178.5	1548.0	0.0	0.43685	0.7702E-02	1.42451	0.7691E-02	33.8
521	179.0	1547.6	0.0	0.43689	0.7807E-02	1.42453	0.7702E-02	33.7
521	179.5	1548.6	0.0	0.43685	0.7717E-02	1.42451	0.7691E-02	33.9
521	180.0	1548.4	0.0	0.43689	0.7807E-02	1.42450	0.7688E-02	33.8
521	180.5	1547.6	0.0	0.43687	0.7762E-02	1.42457	0.7735E-02	33.6
521	181.0	1548.6	0.0	0.43689	0.7807E-02	1.42461	0.7762E-02	33.8

521	181.5	1548.8	0.0	0.43697	0.7988E-02	1.42474	0.7855E-02	34.4
521	182.0	1549.2	0.0	0.43692	0.7867E-02	1.42470	0.7822E-02	34.8
521	182.5	1547.6	0.0	0.43691	0.7537E-02	1.42474	0.7855E-02	35.4
521	183.0	1548.4	0.0	0.43690	0.7422E-02	1.42460	0.7751E-02	35.9
521	183.5	1548.4	0.0	0.43696	0.7956E-02	1.42470	0.7822E-02	36.7
521	184.0	1548.8	0.0	0.43694	0.7926E-02	1.42488	0.7951E-02	37.7
521	184.5	1548.8	0.0	0.43704	0.8136E-02	1.42488	0.7948E-02	38.5
521	185.0	1548.4	0.0	0.43706	0.8196E-02	1.42489	0.7959E-02	39.1
521	185.5	1549.0	0.0	0.43698	0.8001E-02	1.42482	0.7910E-02	40.2
521	186.0	1548.4	0.0	0.43704	0.8136E-02	1.42491	0.7970E-02	40.8
521	186.5	1548.8	0.0	0.43706	0.8196E-02	1.42491	0.7970E-02	41.9
521	187.0	1548.0	0.0	0.43707	0.8225E-02	1.42484	0.7921E-02	42.6
521	187.5	1549.4	0.0	0.43709	0.8270E-02	1.42502	0.8052E-02	43.6
521	188.0	1548.2	0.0	0.43711	0.8315E-02	1.42491	0.7970E-02	44.4
521	188.5	1547.6	0.0	0.43717	0.8450E-02	1.42499	0.8030E-02	45.3
521	189.0	1547.8	0.0	0.43702	0.8106E-02	1.42500	0.8035E-02	46.2
521	189.5	1548.8	0.0	0.43711	0.8315E-02	1.42506	0.8079E-02	46.8
521	190.0	1548.4	0.0	0.43713	0.8345E-02	1.42502	0.8052E-02	47.4
521	190.5	1548.0	0.1	0.43713	0.8345E-02	1.42506	0.8079E-02	47.7
521	191.0	1548.2	0.1	0.43722	0.8554E-02	1.42515	0.8144E-02	48.1
521	191.5	1549.2	0.0	0.43722	0.8554E-02	1.42518	0.8166E-02	47.9
521	192.0	1549.4	0.0	0.43726	0.8644E-02	1.42514	0.8133E-02	48.3
521	192.5	1548.6	0.0	0.43724	0.8614E-02	1.42525	0.8210E-02	48.2
521	193.0	1548.2	0.0	0.43723	0.8584E-02	1.42537	0.8297E-02	48.4
521	193.5	1548.2	0.0	0.43733	0.8809E-02	1.42528	0.8237E-02	48.2
521	194.0	1548.8	0.1	0.43728	0.8704E-02	1.42529	0.8243E-02	48.4
521	194.5	1548.8	0.1	0.43725	0.8629E-02	1.42538	0.8303E-02	48.2
521	195.0	1549.2	0.0	0.43731	0.8779E-02	1.42532	0.8265E-02	48.0
521	195.5	1549.2	0.0	0.43736	0.8884E-02	1.42538	0.8303E-02	48.3
521	196.0	1549.8	0.0	0.43737	0.8899E-02	1.42546	0.8363E-02	48.2
521	196.5	1550.2	0.1	0.43740	0.8988E-02	1.42533	0.8270E-02	48.1
521	197.0	1549.8	0.1	0.43735	0.8869E-02	1.42535	0.8281E-02	48.1
521	197.5	1550.2	0.1	0.43736	0.8884E-02	1.42542	0.8335E-02	48.0
521	198.0	1551.0	0.0	0.43742	0.9018E-02	1.42545	0.8352E-02	47.6
521	198.5	1550.6	0.0	0.43745	0.9093E-02	1.42549	0.8385E-02	48.2
521	199.0	1550.6	0.0	0.43737	0.8913E-02	1.42552	0.8406E-02	48.0
521	199.5	1549.6	0.0	0.43737	0.8913E-02	1.42558	0.8445E-02	48.2
521	200.0	1550.0	0.1	0.43744	0.9078E-02	1.42552	0.8401E-02	48.4
521	200.5	1550.8	0.1	0.43751	0.9242E-02	1.42555	0.8428E-02	48.4
521	201.0	1550.4	0.1	0.43743	0.9048E-02	1.42567	0.8510E-02	48.4
521	201.5	1550.8	0.0	0.43743	0.9048E-02	1.42575	0.8565E-02	48.4
521	202.0	1550.4	0.1	0.43746	0.9108E-02	1.42562	0.8472E-02	48.4
521	202.5	1550.2	0.1	0.43757	0.9377E-02	1.42568	0.8516E-02	48.3
521	203.0	1550.0	0.0	0.43751	0.9228E-02	1.42571	0.8537E-02	48.7
521	203.5	1549.2	0.1	0.43758	0.9392E-02	1.42582	0.8614E-02	48.2
521	204.0	1548.8	0.1	0.43761	0.9467E-02	1.42576	0.8576E-02	48.4
521	204.5	1550.8	0.1	0.43755	0.9332E-02	1.42572	0.8543E-02	48.2
521	205.0	1548.0	0.1	0.43762	0.9442E-02	1.42582	0.8614E-02	48.4
521	205.5	1549.2	0.1	0.43763	0.9512E-02	1.42586	0.8641E-02	48.7
521	206.0	1547.6	0.1	0.43764	0.9527E-02	1.42579	0.8592E-02	48.8
521	206.5	1547.6	0.1	0.43759	0.9407E-02	1.42559	0.8663E-02	49.3
521	207.0	1549.4	0.1	0.43765	0.9557E-02	1.42588	0.8654E-02	49.7
521	207.5	1548.2	0.1	0.43772	0.9721E-02	1.42591	0.8679E-02	49.9
521	208.0	1549.8	0.1	0.43769	0.9646E-02	1.42601	0.8750E-02	50.2
521	208.5	1549.0	0.1	0.43770	0.9661E-02	1.42595	0.8707E-02	50.3
521	209.0	1550.4	0.0	0.43770	0.9676E-02	1.42602	0.8761E-02	50.4
521	209.5	1550.2	0.0	0.43767	0.9601E-02	1.42613	0.8836E-02	50.6
521	210.0	1550.4	0.1	0.43770	0.9676E-02	1.42597	0.8723E-02	50.7
521	210.5	1549.8	0.1	0.43781	0.9915E-02	1.42607	0.8794E-02	50.8
521	211.0	1550.2	0.0	0.43779	0.9846E-02	1.42613	0.8838E-02	51.0

521	211.5	1549.4	0.0	0.43774	0.9766E-02	1.42606	0.8789E-02	50.8
521	212.0	1550.2	0.0	0.43771	0.9691E-02	1.42609	0.8810E-02	51.0
521	212.5	1549.4	0.1	0.43773	0.9736E-02	1.42613	0.8832E-02	50.7
521	213.0	1550.2	0.0	0.43774	0.9766E-02	1.42604	0.8772E-02	51.0
521	213.5	1549.0	0.0	0.43779	0.9871E-02	1.42615	0.8849E-02	50.9
521	214.0	1549.6	0.1	0.43785	0.1001E-01	1.42619	0.8876E-02	51.2
521	214.5	1549.6	0.1	0.43779	0.9886E-02	1.42623	0.8909E-02	51.1
521	215.0	1548.4	0.0	0.43783	0.9960E-02	1.42625	0.8920E-02	51.3
521	215.5	1549.6	0.0	0.43786	0.1004E-01	1.42623	0.8903E-02	51.8
521	216.0	1550.0	0.0	0.43786	0.1004E-01	1.42626	0.8930E-02	52.4
521	216.5	1549.8	0.0	0.43789	0.1011E-01	1.42647	0.9078E-02	53.0
521	217.0	1550.0	0.1	0.43793	0.1020E-01	1.42626	0.8925E-02	53.4
521	217.5	1548.8	0.0	0.43792	0.1017E-01	1.42641	0.9034E-02	54.4
521	218.0	1547.4	0.1	0.43791	0.1015E-01	1.42641	0.9034E-02	55.1
521	218.5	1549.6	0.1	0.43790	0.1014E-01	1.42632	0.8969E-02	56.2
521	219.0	1549.4	0.1	0.43799	0.1033E-01	1.42643	0.9051E-02	57.0
521	219.5	1548.8	0.1	0.43801	0.1039E-01	1.42651	0.9105E-02	57.7
521	220.0	1549.4	0.1	0.43792	0.1018E-01	1.42651	0.9105E-02	58.2
521	220.5	1551.4	0.1	0.43795	0.1024E-01	1.42654	0.9127E-02	58.8
521	221.0	1550.2	0.1	0.43797	0.1029E-01	1.42648	0.9083E-02	58.9
521	221.5	1550.8	0.1	0.43800	0.1036E-01	1.42658	0.9154E-02	59.1
521	222.0	1550.0	0.1	0.43796	0.1026E-01	1.42658	0.9154E-02	59.0
521	222.5	1550.6	0.1	0.43801	0.1039E-01	1.42660	0.9165E-02	59.2
521	223.0	1550.8	0.1	0.43803	0.1044E-01	1.42657	0.9149E-02	59.7
521	223.5	1550.6	0.1	0.43799	0.1035E-01	1.42672	0.9253E-02	59.7
521	224.0	1551.0	0.1	0.43805	0.1048E-01	1.42674	0.9302E-02	59.9
521	224.5	1550.0	0.1	0.43810	0.1059E-01	1.42677	0.9285E-02	59.5
521	225.0	1550.4	0.1	0.43807	0.1051E-01	1.42682	0.9323E-02	59.9
521	225.5	1550.6	0.1	0.43614	0.1068E-01	1.42676	0.9280E-02	59.6
521	226.0	1551.0	0.1	0.43807	0.1051E-01	1.42681	0.9318E-02	59.7
521	226.5	1550.8	0.1	0.43815	0.1071E-01	1.42684	0.9334E-02	59.7
521	227.0	1550.6	0.1	0.43814	0.1068E-01	1.42692	0.9395E-02	59.6
521	227.5	1551.2	0.1	0.43816	0.1074E-01	1.42695	0.9416E-02	60.0
521	228.0	1551.6	0.1	0.43816	0.1074E-01	1.42692	0.9395E-02	60.5
521	228.5	1550.4	0.1	0.43817	0.1075E-01	1.42689	0.9373E-02	60.9
521	229.0	1549.2	0.1	0.43823	0.1090E-01	1.42699	0.9444E-02	61.6
521	229.5	1549.6	0.1	0.43822	0.1087E-01	1.42701	0.9460E-02	62.3
521	230.0	1549.4	0.1	0.43826	0.1096E-01	1.42706	0.9493E-02	63.0
521	230.5	1549.8	0.1	0.43821	0.1084E-01	1.42697	0.9427E-02	63.9
521	231.0	1549.4	0.1	0.43824	0.1092E-01	1.42710	0.9520E-02	64.8
521	231.5	1550.2	0.1	0.43829	0.1102E-01	1.42714	0.9547E-02	65.6
521	232.0	1550.4	0.1	0.43834	0.1114E-01	1.42723	0.9613E-02	66.7
521	232.5	1549.4	0.1	0.43823	0.1090E-01	1.42712	0.9536E-02	67.8
521	233.0	1550.2	0.1	0.43834	0.1116E-01	1.42715	0.9558E-02	68.6
521	233.5	1550.0	0.1	0.43833	0.1113E-01	1.42720	0.9591E-02	69.5
521	234.0	1550.2	0.1	0.43833	0.1113E-01	1.42717	0.9569E-02	70.3
521	234.5	1550.8	0.1	0.43838	0.1125E-01	1.42716	0.9564E-02	71.0
521	235.0	1549.8	0.1	0.43836	0.1120E-01	1.42727	0.9640E-02	71.4
521	235.5	1547.8	0.1	0.43838	0.1125E-01	1.42730	0.9662E-02	72.0
521	236.0	1548.8	0.1	0.43837	0.1122E-01	1.42738	0.9722E-02	72.2
521	236.5	1549.6	0.1	0.43835	0.1117E-01	1.42741	0.9738E-02	72.4
521	237.0	1550.4	0.1	0.43850	0.1152E-01	1.42742	0.9749E-02	72.3
521	237.5	1551.4	0.1	0.43849	0.1150E-01	1.42738	0.9717E-02	72.5
521	238.0	1551.6	0.1	0.43854	0.1161E-01	1.42749	0.9798E-02	72.4
521	238.5	1551.4	0.1	0.43849	0.1150E-01	1.42749	0.9798E-02	72.4
521	239.0	1550.2	0.1	0.43854	0.1161E-01	1.42761	0.9886E-02	72.6
521	239.5	1551.2	0.1	0.43855	0.1162E-01	1.42767	0.9924E-02	72.6
521	240.0	1551.6	0.1	0.43851	0.1155E-01	1.42755	0.9842E-02	72.6
521	240.5	1550.4	0.1	0.43857	0.1167E-01	1.42762	0.9891E-02	72.4
521	241.0	1550.4	0.1	0.43860	0.1175E-01	1.42751	0.9815E-02	72.6

521	241.5	1550.6	0.1	0.43862	0.1180E-01	1.42758	0.9858E-02	72.6
521	242.0	1550.6	0.1	0.43868	0.1192E-01	1.42763	0.9897E-02	72.8
521	242.5	1551.2	0.1	0.43869	0.1196E-01	1.42762	0.9891E-02	72.3
521	243.0	1551.2	0.1	0.43867	0.1190E-01	1.42770	0.9946E-02	73.4
521	243.5	1549.2	0.1	0.43863	0.1181E-01	1.42764	0.9902E-02	73.8
521	244.0	1549.8	0.1	0.43868	0.1192E-01	1.42770	0.9946E-02	74.2
521	244.5	1548.4	0.1	0.43868	0.1193E-01	1.42772	0.9962E-02	75.1
521	245.0	1549.2	0.1	0.43869	0.1195E-01	1.42781	0.9880E-02	75.9
521	245.5	1548.8	0.1	0.43879	0.1219E-01	1.42776	0.9990E-02	76.8
521	246.0	1549.0	0.1	0.43877	0.1213E-01	1.42783	0.1004E-01	77.9
521	246.5	1549.0	0.1	0.43883	0.1228E-01	1.42780	0.1002E-01	78.7
521	247.0	1550.0	0.1	0.43871	0.1219E-01	1.42779	0.1001E-01	79.7
521	247.5	1548.4	0.1	0.43879	0.1217E-01	1.42784	0.1004E-01	80.3
521	248.0	1547.8	0.1	0.43881	0.1222E-01	1.42792	0.1010E-01	81.4
521	248.5	1548.4	0.1	0.43880	0.1220E-01	1.42778	0.1000E-01	82.3
521	249.0	1548.8	0.1	0.43877	0.1214E-01	1.42791	0.1009E-01	83.1
521	249.5	1549.2	0.1	0.43892	0.1249E-01	1.42793	0.1011E-01	83.9
521	250.0	1549.2	0.1	0.43892	0.1249E-01	1.42802	0.1018E-01	84.4
521	250.5	1548.8	0.1	0.43894	0.1253E-01	1.42795	0.1012E-01	84.8
521	251.0	1547.8	0.1	0.43896	0.1258E-01	1.42802	0.1017E-01	84.7
521	251.5	1548.2	0.1	0.43901	0.1268E-01	1.42802	0.1017E-01	85.3
521	252.0	1548.0	0.1	0.43901	0.1270E-01	1.42807	0.1021E-01	85.3
521	252.5	1548.0	0.1	0.43893	0.1250E-01	1.42796	0.1013E-01	85.5
521	253.0	1547.2	0.1	0.43894	0.1253E-01	1.42794	0.1011E-01	85.5
521	253.5	1548.4	0.1	0.43902	0.1271E-01	1.42812	0.1024E-01	85.5
521	254.0	1548.4	0.1	0.43910	0.1289E-01	1.42812	0.1025E-01	85.7
521	254.5	1549.6	0.1	0.43902	0.1271E-01	1.42817	0.1028E-01	85.3
521	255.0	1551.8	0.1	0.43905	0.1279E-01	1.42812	0.1024E-01	85.6
521	255.5	1552.4	0.1	0.43912	0.1294E-01	1.42813	0.1025E-01	85.6
521	256.0	1552.0	0.1	0.43912	0.1295E-01	1.42812	0.1025E-01	85.6
521	256.5	1551.6	0.1	0.43912	0.1295E-01	1.42827	0.1035E-01	85.7
521	257.0	1551.2	0.1	0.43915	0.1301E-01	1.42832	0.1039E-01	85.7
521	257.5	1550.4	0.1	0.43916	0.1303E-01	1.42823	0.1032E-01	85.8
521	258.0	1550.4	0.1	0.43919	0.1312E-01	1.42825	0.1033E-01	86.4
521	258.5	1550.8	0.1	0.43929	0.1334E-01	1.42824	0.1033E-01	87.0
521	259.0	1550.0	0.1	0.43919	0.1310E-01	1.42831	0.1038E-01	87.7
521	259.5	1549.2	0.1	0.43926	0.1327E-01	1.42833	0.1039E-01	88.4
521	260.0	1549.6	0.1	0.43925	0.1324E-01	1.42835	0.1040E-01	89.3
521	260.5	1549.4	0.1	0.43921	0.1315E-01	1.42830	0.1037E-01	90.2
521	261.0	1548.2	0.1	0.43925	0.1325E-01	1.42833	0.1039E-01	91.1
521	261.5	1548.0	0.1	0.43912	0.1342E-01	1.42830	0.1037E-01	92.2
521	262.0	1548.4	0.1	0.43938	0.1355E-01	1.42842	0.1045E-01	93.2
521	262.5	1549.0	0.1	0.43941	0.1361E-01	1.42835	0.1040E-01	94.1
521	263.0	1549.4	0.1	0.43939	0.1358E-01	1.42829	0.1037E-01	94.8
521	263.5	1549.8	0.1	0.43945	0.1371E-01	1.42833	0.1039E-01	95.4
521	264.0	1549.6	0.1	0.43941	0.1362E-01	1.42854	0.1054E-01	95.9
521	264.5	1550.0	0.1	0.43941	0.1361E-01	1.42858	0.1057E-01	96.1
521	265.0	1549.0	0.1	0.43940	0.1359E-01	1.42853	0.1054E-01	96.2
521	265.5	1549.4	0.1	0.43943	0.1365E-01	1.42857	0.1056E-01	96.2
521	266.0	1548.8	0.1	0.43952	0.1388E-01	1.42851	0.1052E-01	96.6
521	266.5	1549.0	0.1	0.43943	0.1365E-01	1.42852	0.1052E-01	96.6
521	267.0	1550.0	0.1	0.43951	0.1385E-01	1.42859	0.1057E-01	96.7
521	267.5	1549.8	0.1	0.43947	0.1374E-01	1.42856	0.1055E-01	96.6
521	268.0	1550.2	0.1	0.43951	0.1385E-01	1.42863	0.1060E-01	96.5
521	268.5	1549.4	0.1	0.43952	0.1388E-01	1.42853	0.1054E-01	96.6
521	269.0	1548.8	0.1	0.43958	0.1400E-01	1.42873	0.1068E-01	96.3
521	269.5	1550.4	0.1	0.43960	0.1404E-01	1.42875	0.1069E-01	96.5
521	270.0	1549.8	0.1	0.43958	0.1400E-01	1.42867	0.1063E-01	96.4
521	270.5	1550.2	0.1	0.43961	0.1407E-01	1.42867	0.1063E-01	96.5
521	271.0	1549.6	0.1	0.43964	0.1415E-01	1.42879	0.1072E-01	96.7

521	271.5	1549.8	0.1	0.43966	0.1419E-01	1.42866	0.1063E-01	97.3
521	272.0	1550.4	0.1	0.43962	0.1409E-01	1.42870	0.1066E-01	97.7
521	272.5	1550.4	0.1	0.43967	0.1422E-01	1.42879	0.1072E-01	98.6
521	273.0	1549.8	0.1	0.43967	0.1421E-01	1.42876	0.1070E-01	99.3
521	273.5	1549.8	0.1	0.43972	0.1433E-01	1.42882	0.1074E-01	100.4
521	274.0	1549.2	0.1	0.43971	0.1431E-01	1.42883	0.1074E-01	101.3
521	274.5	1549.8	0.1	0.43975	0.1440E-01	1.42891	0.1080E-01	102.6
521	275.0	1549.8	0.1	0.43965	0.1416E-01	1.42885	0.1076E-01	103.3
521	275.5	1550.2	0.1	0.43978	0.1448E-01	1.42893	0.1080E-01	104.6
521	276.0	1549.8	0.1	0.43982	0.1455E-01	1.42901	0.1087E-01	105.6
521	276.5	1550.2	0.1	0.43984	0.1460E-01	1.42897	0.1085E-01	106.4

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522	143.5	1484.2	0.0	0.43619	0.6101E+02	1.42557	0.4972E+02	21.4
522	144.0	1549.6	0.0	0.43627	0.6296E+02	1.42575	0.5097E+02	22.1
522	144.5	1581.8	0.0	0.43616	0.6042E+02	1.42596	0.5244E+02	22.1
522	145.0	1587.8	0.0	0.43612	0.5952E+02	1.42624	0.5445E+02	22.4
522	145.5	1586.6	0.0	0.43609	0.5877E+02	1.42633	0.5511E+02	22.2
522	146.0	1587.0	0.0	0.43606	0.5817E+02	1.42655	0.5663E+02	22.3
522	146.5	1589.0	0.0	0.43601	0.5698E+02	1.42672	0.5783E+02	22.3
522	147.0	1590.6	0.0	0.43597	0.5593E+02	1.42700	0.5984E+02	22.3
522	147.5	1590.8	0.0	0.43596	0.5578E+02	1.42711	0.6060E+02	22.2
522	148.0	1590.8	0.0	0.43594	0.5533E+02	1.42730	0.6191E+02	22.5
522	148.5	1591.2	0.0	0.43593	0.5503E+02	1.42738	0.6250E+02	22.4
522	149.0	1592.0	0.0	0.43587	0.5384E+02	1.42746	0.6305E+02	22.6
522	149.5	1593.0	0.0	0.43595	0.5546E+02	1.42751	0.6343E+02	22.7
522	150.0	1592.8	0.0	0.43594	0.5533E+02	1.42765	0.6435E+02	22.6
522	150.5	1592.4	0.0	0.43594	0.5533E+02	1.42771	0.6484E+02	22.5
522	151.0	1593.4	0.0	0.43592	0.5488E+02	1.42784	0.6571E+02	22.4
522	151.5	1593.2	0.0	0.43593	0.5511E+02	1.42790	0.6615E+02	22.6
522	152.0	1593.4	0.0	0.43595	0.5546E+02	1.42801	0.6641E+02	22.5
522	152.5	1593.6	0.0	0.43611	0.5922E+02	1.42811	0.6762E+02	22.6
522	153.0	1593.2	0.0	0.43598	0.5638E+02	1.42808	0.6740E+02	18.8
522	153.5	1594.0	0.0	0.43600	0.5668E+02	1.42820	0.6892E+02	18.9
522	154.0	1594.0	0.0	0.43624	0.6221E+02	1.42830	0.6898E+02	19.0
522	154.5	1593.2	0.0	0.43624	0.6221E+02	1.42847	0.7018E+02	19.3
522	155.0	1594.4	0.0	0.43626	0.6281E+02	1.42868	0.7164E+02	19.2
522	155.5	1593.4	0.0	0.43628	0.6311E+02	1.42866	0.7148E+02	19.2
522	156.0	1594.8	0.0	0.43628	0.6311E+02	1.42873	0.7203E+02	19.0
522	156.5	1594.2	0.0	0.43634	0.6460E+02	1.42885	0.7284E+02	19.5
522	157.0	1594.4	0.0	0.43632	0.6400E+02	1.42892	0.7333E+02	19.5
522	157.5	1594.6	0.0	0.43641	0.6610E+02	1.42903	0.7409E+02	19.3
522	158.0	1595.0	0.0	0.43645	0.6700E+02	1.42907	0.7442E+02	19.6
522	158.5	1595.0	0.0	0.43650	0.6819E+02	1.42927	0.7578E+02	19.4
522	159.0	1595.6	0.0	0.43645	0.6700E+02	1.42914	0.7491E+02	19.6
522	159.5	1595.6	0.0	0.43645	0.6700E+02	1.42927	0.7578E+02	19.8
522	160.0	1596.6	0.0	0.43643	0.6670E+02	1.42943	0.7692E+02	20.0
522	160.5	1595.4	0.0	0.43652	0.6879E+02	1.42940	0.7676E+02	19.6
522	161.0	1596.2	0.0	0.43651	0.6849E+02	1.42948	0.7730E+02	20.1
522	161.5	1596.6	0.0	0.43661	0.7088E+02	1.42960	0.7812E+02	20.1
522	162.0	1596.6	0.0	0.43660	0.7058E+02	1.42973	0.7904E+02	20.0
522	162.5	1598.6	0.0	0.43419	0.1495E+02	1.42963	0.7834E+02	20.4
522	163.0	1598.0	0.0	0.43657	0.6999E+02	1.42971	0.7888E+02	20.2
522	163.5	1599.2	0.0	0.43668	0.7238E+02	1.42969	0.7877E+02	20.3
522	164.0	1598.2	0.0	0.43661	0.7088E+02	1.42986	0.7997E+02	20.5
522	164.5	1597.8	0.0	0.43667	0.7208E+02	1.43002	0.8111E+02	20.4
522	165.0	1598.8	0.0	0.43663	0.7118E+02	1.43008	0.8155E+02	20.6
522	165.5	1598.0	0.0	0.43673	0.7358E+02	1.43011	0.8176E+02	20.7
522	166.0	1598.2	0.0	0.43668	0.7238E+02	1.43013	0.8187E+02	20.7
522	166.5	1598.4	0.0	0.43667	0.7208E+02	1.43016	0.8209E+02	20.8
522	167.0	1598.0	0.0	0.43673	0.7358E+02	1.43020	0.8236E+02	20.8
522	167.5	1599.4	0.0	0.43670	0.7417E+02	1.43038	0.8307E+02	20.8
522	168.0	1598.4	0.0	0.43673	0.7358E+02	1.43038	0.8367E+02	20.9

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523	120.5	1415.0	0.1	0.43609	0.6208E-02	1.42040	0.4442E-02	21.4
523	121.0	1497.0	0.1	0.43613	0.6298E-02	1.42069	0.4644E-02	21.7
523	121.5	1567.6	0.1	0.43621	0.6462E-02	1.42106	0.4906E-02	21.8
523	122.0	1615.8	0.1	0.43595	0.5479E-02	1.40287	-0.7956E-02	22.0
523	122.5	1636.0	0.1	0.43580	0.5535E-02	1.42536	0.7967E-02	22.1
523	123.0	1658.2	0.1	0.43502	0.3725E-02	1.42484	0.7585E-02	22.6
523	123.5	1684.2	0.1	0.43646	0.7046E-02	1.40414	-0.7056E-02	22.7
523	124.0	1702.4	0.1	-9.99900	-0.9999E+04	1.42496	0.7683E-02	22.5
523	124.5	1716.8	0.1	-9.99900	-0.9999E+04	1.39475	-0.1369E-01	22.9
523	125.0	1729.0	0.1	-9.99900	-0.9999E+04	1.42690	0.9037E-02	22.8
523	125.5	1730.8	0.1	0.45488	0.4954E-01	1.38398	-0.2131E-01	22.9
523	126.0	1730.4	0.1	0.43624	0.6537E-02	1.39760	-0.1166E-01	22.6
523	126.5	1731.4	0.1	0.43647	0.7076E-02	1.43425	0.1424E-01	23.0
523	127.0	1730.0	0.1	0.43656	0.7245E-02	1.43054	0.1161E-01	22.8
523	127.5	1728.0	0.1	0.43639	0.6896E-02	1.43025	0.1141E-01	23.1
523	128.0	1722.4	0.1	0.43631	0.6709E-02	1.44975	0.2519E-01	23.0
523	128.5	1719.8	0.1	0.43637	0.6851E-02	1.42998	0.1122E-01	23.0
523	129.0	1716.2	0.1	0.43635	0.6806E-02	1.42670	0.8900E-02	23.1
523	129.5	1715.0	0.1	0.43656	0.7270E-02	1.40063	-0.5299E-02	23.1
523	130.0	1714.0	0.1	0.43641	0.6941E-02	1.44120	0.1915E-01	16.1
523	130.5	1710.6	0.1	0.43644	0.7008E-02	1.44263	0.2016E-01	16.2
523	131.0	1709.4	0.1	0.43667	0.7524E-02	1.44292	0.2037E-01	16.0
523	131.5	1706.2	0.1	0.43646	0.7046E-02	1.43217	0.1276E-01	16.3
523	132.0	1704.4	0.1	0.43653	0.7203E-02	1.42467	0.7465E-02	16.4
523	132.5	1702.2	0.1	0.40405	-0.6773E-01	1.39655	-0.1242E-01	16.5
523	133.0	1702.8	0.1	0.43646	0.7046E-02	1.43464	0.1451E-01	16.4
523	133.5	1702.8	0.1	0.43635	0.6806E-02	1.43469	0.1455E-01	16.4
523	134.0	1701.6	0.1	0.41241	-0.4845E-01	1.35108	-0.4457E-01	16.4
523	134.5	1699.2	0.1	0.43672	0.7659E-02	1.43478	0.1461E-01	16.6
523	135.0	1697.4	0.1	0.43652	0.7195E-02	1.44090	0.1894E-01	16.6
523	135.5	1698.4	0.1	0.43668	0.7569E-02	1.44145	0.1933E-01	16.5
523	136.0	1699.0	0.1	0.43661	0.7405E-02	1.44117	0.1913E-01	16.7
523	136.5	1698.8	0.1	0.43674	0.7669E-02	1.43904	0.1763E-01	16.7
523	137.0	1697.2	0.1	0.43670	0.7614E-02	1.43418	0.1419E-01	16.8
523	137.5	1697.2	0.1	0.43678	0.7794E-02	1.44509	0.2190E-01	16.9
523	138.0	1693.4	0.1	0.43680	0.7824E-02	1.43422	0.1422E-01	16.9
523	138.5	1692.2	0.1	0.40653	-0.6201E-01	1.43776	0.1672E-01	16.8
523	139.0	1689.6	0.1	0.40505	-0.6543E-01	1.43424	0.1423E-01	17.0
523	139.5	1688.6	0.1	0.43663	0.7450E-02	1.43405	0.1410E-01	17.1
523	140.0	1691.0	0.1	0.43680	0.7831E-02	1.43419	0.1419E-01	17.2
523	140.5	1693.0	0.1	0.43677	0.7764E-02	1.43404	0.1409E-01	17.3
523	141.0	1693.8	0.1	0.43682	0.7883E-02	1.43397	0.1404E-01	17.3
523	141.5	1695.2	0.1	0.43675	0.7719E-02	1.43412	0.1414E-01	17.1
523	142.0	1696.2	0.1	0.43668	0.7544E-02	1.43382	0.1393E-01	17.4
523	142.5	1698.6	0.1	0.43665	0.7480E-02	1.43365	0.1395E-01	17.3
523	143.0	1697.4	0.1	0.43677	0.7764E-02	1.43397	0.1404E-01	17.0
523	143.5	1698.6	0.1	0.43674	0.7689E-02	1.44467	0.2160E-01	17.1
523	144.0	1697.8	0.1	0.43669	0.7584E-02	1.43377	0.1390E-01	17.5
523	144.5	1699.0	0.1	0.43668	0.7569E-02	1.43353	0.1394E-01	17.6
523	145.0	1696.6	0.1	0.43683	0.7913E-02	1.43390	0.1399E-01	17.6
523	145.5	1697.6	0.1	0.43686	0.7973E-02	1.43373	0.1387E-01	17.7
523	146.0	1696.6	0.1	0.43685	0.7958E-02	1.42152	0.5233E-02	17.5
523	146.5	1697.2	0.1	0.43696	0.8213E-02	1.43369	0.1384E-01	17.9
523	147.0	1697.4	0.1	0.43696	0.8194E-02	1.43354	0.1373E-01	17.9
523	147.5	1698.4	0.1	0.43694	0.8198E-02	1.43348	0.1369E-01	18.2
523	148.0	1697.2	0.1	0.43684	0.7924E-02	1.43338	0.1362E-01	18.2
523	148.5	1698.2	0.1	0.43698	0.8242E-02	1.43322	0.1351E-01	18.5
523	149.0	1699.8	0.1	0.43719	0.8716E-02	1.43326	0.1353E-01	18.0
523	149.5	1702.0	0.1	0.43704	0.8377E-02	1.43336	0.1360E-01	18.9
523	150.0	1700.8	0.1	0.43699	0.8272E-02	1.44693	0.2320E-01	19.4

523	150.5	1699.0	0.1	0.43705	0.8422E-02	1.43312	0.1343E-01	20.2
523	151.0	1698.6	0.1	0.43696	0.8194E-02	1.43315	0.1346E-01	21.1
523	151.5	1697.2	0.1	0.43680	0.7824E-02	1.43287	0.1326E-01	21.8
523	152.0	1697.4	0.1	0.43703	0.8362E-02	1.43288	0.1327E-01	23.0
523	152.5	1698.6	0.1	0.43710	0.8527E-02	1.43289	0.1328E-01	23.5
523	153.0	1699.4	0.1	0.43714	0.8616E-02	1.43289	0.1327E-01	24.6
523	153.5	1700.6	0.1	0.43707	0.8467E-02	1.43284	0.1324E-01	25.6
523	154.0	1699.6	0.1	0.43710	0.8527E-02	1.43289	0.1328E-01	26.4
523	154.5	1699.2	0.1	0.43722	0.8796E-02	1.43287	0.1326E-01	27.3
523	155.0	1701.6	0.1	0.43714	0.8616E-02	1.43293	0.1330E-01	27.7
523	155.5	1700.6	0.1	0.43725	0.8871E-02	1.43305	0.1339E-01	28.8
523	156.0	1700.6	0.1	0.43719	0.8736E-02	1.43301	0.1336E-01	29.5
523	156.5	1700.4	0.1	0.43722	0.8796E-02	1.43307	0.1340E-01	30.6
523	157.0	1700.0	0.1	0.43715	0.8654E-02	1.43305	0.1339E-01	31.5
523	157.5	1700.4	0.1	0.43720	0.8766E-02	1.43299	0.1335E-01	32.0
523	158.0	1699.0	0.1	0.43730	0.8990E-02	1.43309	0.1341E-01	32.9
523	158.5	1699.8	0.1	0.43722	0.8811E-02	1.43311	0.1343E-01	33.9
523	159.0	1698.2	0.1	0.43734	0.9080E-02	1.43328	0.1355E-01	35.0
523	159.5	1697.0	0.1	0.43718	0.8721E-02	1.43326	0.1353E-01	35.6
523	160.0	1697.4	0.1	0.43725	0.8871E-02	1.43326	0.1353E-01	36.4
523	160.5	1697.6	0.1	0.43727	0.8931E-02	1.43333	0.1359E-01	37.2
523	161.0	1696.8	0.1	0.43739	0.9185E-02	1.43326	0.1353E-01	38.2
523	161.5	1697.4	0.1	0.43740	0.9215E-02	1.43328	0.1355E-01	39.0
523	162.0	1696.8	0.1	0.43742	0.9260E-02	1.43338	0.1362E-01	39.8
523	162.5	1696.6	0.1	0.43742	0.9275E-02	1.43343	0.1366E-01	40.8
523	163.0	1699.0	0.1	0.43746	0.9344E-02	1.43356	0.1375E-01	41.6
523	163.5	1702.0	0.1	0.43742	0.9275E-02	1.43349	0.1370E-01	42.2
523	164.0	1701.6	0.1	0.43753	0.9529E-02	1.43336	0.1360E-01	43.3
523	164.5	1700.2	0.1	0.40636	0.6239E-01	1.43337	0.1361E-01	44.2
523	165.0	1698.0	0.1	0.43742	0.9275E-02	1.43336	0.1360E-01	45.1
523	165.5	1697.0	0.1	0.43750	0.9439E-02	1.43330	0.1357E-01	46.0
523	166.0	1699.8	0.1	0.43758	0.9634E-02	1.41612	0.1413E-02	46.7
523	166.5	1700.0	0.1	0.43759	0.9649E-02	1.43318	0.1348E-01	47.7
523	167.0	1700.0	0.1	0.43774	0.1001E-01	1.43289	0.1328E-01	48.6
523	167.5	1699.4	0.1	0.43767	0.9843E-02	1.43279	0.1321E-01	49.4
523	168.0	1700.0	0.1	0.43772	0.9948E-02	1.43278	0.1320E-01	50.1
523	168.5	1699.4	0.1	0.43766	0.9828E-02	1.43250	0.1300E-01	51.2
523	169.0	1699.6	0.1	0.43767	0.9843E-02	1.43193	0.1259E-01	52.2
523	169.5	1699.6	0.1	0.43779	0.1013E-01	1.43126	0.1212E-01	53.0
523	170.0	1700.4	0.1	0.43775	0.1004E-01	1.43119	0.1208E-01	53.7
523	170.5	1697.4	0.1	0.43776	0.1005E-01	1.43070	0.1173E-01	54.8
523	171.0	1697.2	0.1	0.43789	0.1035E-01	1.43079	0.1179E-01	55.7
523	171.5	1696.8	0.1	0.43775	0.1004E-01	1.43090	0.1187E-01	56.7
523	172.0	1699.2	0.1	0.43775	0.1002E-01	1.43098	0.1192E-01	57.5
523	172.5	1697.8	0.1	0.43790	0.1038E-01	1.43099	0.1193E-01	58.4
523	173.0	1696.8	0.1	0.43794	0.1046E-01	1.43111	0.1202E-01	59.3
523	173.5	1695.2	0.1	0.43788	0.1034E-01	1.43116	0.1205E-01	60.2
523	174.0	1697.0	0.1	0.43805	0.1073E-01	1.43114	0.1204E-01	61.1
523	174.5	1699.0	0.1	0.43798	0.1055E-01	1.43122	0.1209E-01	62.1
523	175.0	1700.8	0.1	0.43807	0.1076E-01	1.43111	0.1202E-01	62.6
523	175.5	1701.6	0.1	0.43802	0.1065E-01	1.43145	0.1226E-01	63.5
523	176.0	1701.6	0.1	0.43805	0.1073E-01	1.43136	0.1220E-01	64.5
523	176.5	1699.6	0.1	0.43809	0.1082E-01	1.43150	0.1229E-01	65.1
523	177.0	1699.4	0.1	0.43810	0.1085E-01	1.43153	0.1231E-01	66.3
523	177.5	1699.6	0.1	0.43821	0.1108E-01	1.43148	0.1228E-01	67.1
523	178.0	1700.6	0.1	0.43816	0.1097E-01	1.43158	0.1235E-01	67.9
523	178.5	1701.0	0.1	0.43814	0.1092E-01	1.43158	0.1235E-01	68.6
523	179.0	1702.0	0.1	0.43806	0.1074E-01	1.43171	0.1244E-01	69.7
523	179.5	1703.0	0.1	0.43818	0.1102E-01	1.43177	0.1248E-01	70.6
523	180.0	1701.4	0.1	0.43826	0.1120E-01	1.43174	0.1246E-01	71.4

523	180.5	1701.4	0.1	0.43823	0.1113E-01	1.43177	0.1249E-01	72.2
523	181.0	1700.6	0.1	0.43833	0.1135E-01	1.43176	0.1247E-01	73.2
523	181.5	1699.2	0.1	0.43838	0.1149E-01	1.43182	0.1252E-01	74.0
523	182.0	1700.4	0.1	0.43827	0.1122E-01	1.43189	0.1257E-01	74.7
523	182.5	1700.6	0.1	0.43850	0.1176E-01	1.43201	0.1265E-01	75.7
523	183.0	1699.4	0.1	0.43835	0.1141E-01	1.43183	0.1252E-01	76.5
523	183.5	1697.6	0.1	0.43842	0.1156E-01	1.43192	0.1259E-01	77.4
523	184.0	1697.4	0.1	0.43844	0.1161E-01	1.43196	0.1262E-01	78.4
523	184.5	1696.2	0.1	0.43853	0.1183E-01	1.43204	0.1267E-01	79.2
523	185.0	1697.0	0.1	0.43860	0.1198E-01	1.43204	0.1268E-01	80.1
523	185.5	1698.2	0.1	0.43850	0.1176E-01	1.43262	0.1309E-01	80.6
523	186.0	1698.2	0.1	0.43855	0.1186E-01	1.43214	0.1275E-01	81.8
523	186.5	1697.4	0.1	0.43855	0.1186E-01	1.43221	0.1279E-01	82.7
523	187.0	1698.0	0.1	0.43855	0.1188E-01	1.43228	0.1284E-01	83.4
523	187.5	1698.6	0.1	0.43859	0.1197E-01	1.43231	0.1287E-01	84.3
523	188.0	1698.2	0.1	0.43868	0.1218E-01	1.43241	0.1293E-01	85.4
523	188.5	1699.0	0.1	0.43840	0.1152E-01	1.43222	0.1280E-01	86.2
523	189.0	1699.4	0.1	0.43844	0.1161E-01	1.43234	0.1289E-01	87.3
523	189.5	1699.6	0.1	0.43865	0.1210E-01	1.43245	0.1296E-01	88.1
523	190.0	1699.2	0.1	0.43877	0.1237E-01	1.43245	0.1297E-01	89.2
523	190.5	1698.6	0.1	0.43856	0.1189E-01	1.43245	0.1297E-01	90.1
523	191.0	1699.4	0.1	0.43872	0.1226E-01	1.43258	0.1305E-01	90.9
523	191.5	1699.2	0.1	0.43882	0.1249E-01	1.43270	0.1314E-01	91.7
523	192.0	1698.2	0.1	0.43880	0.1244E-01	1.43261	0.1308E-01	92.4
523	192.5	1697.0	0.1	0.43897	0.1285E-01	1.43271	0.1315E-01	93.7
523	193.0	1698.8	0.1	0.43884	0.1254E-01	1.43277	0.1319E-01	94.5
523	193.5	1698.2	0.1	0.43891	0.1270E-01	1.43276	0.1318E-01	95.5
523	194.0	1697.4	0.1	0.43886	0.1258E-01	1.40914	-0.3520E-02	96.3
523	194.5	1697.2	0.1	0.43896	0.1282E-01	1.43286	0.1325E-01	97.0
523	195.0	1698.0	0.1	0.43882	0.1251E-01	1.43286	0.1325E-01	98.2
523	195.5	1699.2	0.1	0.43883	0.1252E-01	1.43282	0.1322E-01	99.2
523	196.0	1700.2	0.1	0.43901	0.1292E-01	1.43290	0.1328E-01	100.2
523	196.5	1701.2	0.1	0.43899	0.1289E-01	1.43281	0.1322E-01	101.0
523	197.0	1700.8	0.1	0.43910	0.1315E-01	1.43305	0.1339E-01	102.1
523	197.5	1700.4	0.1	0.43901	0.1292E-01	1.43303	0.1337E-01	103.1
523	198.0	1699.4	0.1	0.43914	0.1336E-01	1.43305	0.1339E-01	103.7
523	198.5	1698.4	0.1	0.43915	0.1325E-01	1.43304	0.1336E-01	105.0
523	199.0	1699.0	0.1	0.43906	0.1304E-01	1.43313	0.1345E-01	105.9
523	199.5	1698.4	0.1	0.43921	0.1340E-01	1.43303	0.1337E-01	106.9
523	200.0	1699.4	0.1	0.43908	0.1310E-01	1.43315	0.1346E-01	107.9
523	200.5	1699.6	0.1	0.43934	0.1369E-01	1.43315	0.1346E-01	109.2
523	201.0	1699.8	0.1	0.43925	0.1349E-01	1.43326	0.1354E-01	110.1
523	201.5	1700.4	0.1	0.43934	0.1369E-01	1.43320	0.1349E-01	110.9
523	202.0	1701.2	0.1	0.43931	0.1363E-01	1.43322	0.1351E-01	111.8
523	202.5	1700.0	0.1	0.43939	0.1382E-01	1.35063	-0.4490E-01	112.8
523	203.0	1700.2	0.1	0.43925	0.1348E-01	1.43324	0.1352E-01	113.8
523	203.5	1698.4	0.1	0.43939	0.1382E-01	1.43340	0.1364E-01	114.7
523	204.0	1699.0	0.1	0.43933	0.1367E-01	1.43336	0.1360E-01	115.8
523	204.5	1699.8	0.1	0.43941	0.1385E-01	1.43339	0.1363E-01	116.7
523	205.0	1700.6	0.1	0.43939	0.1381E-01	1.43336	0.1360E-01	117.6
523	205.5	1700.4	0.1	0.43950	0.1406E-01	1.43347	0.1364E-01	118.4
523	206.0	1699.8	0.1	0.43942	0.1388E-01	1.43354	0.1373E-01	119.5
523	206.5	1698.6	0.1	0.43956	0.1421E-01	1.43357	0.1376E-01	120.5
523	207.0	1699.6	0.1	0.43963	0.1434E-01	1.43365	0.1381E-01	121.2
523	207.5	1701.0	0.1	0.43953	0.1414E-01	1.43363	0.1379E-01	122.4
523	208.0	1701.2	0.1	0.43969	0.1450E-01	1.43356	0.1375E-01	123.2
523	208.5	1699.2	0.1	0.43954	0.1415E-01	1.43370	0.1385E-01	124.4
523	209.0	1699.0	0.1	0.43965	0.1442E-01	1.43375	0.1388E-01	125.3
523	209.5	1698.8	0.1	0.43973	0.1460E-01	1.43370	0.1385E-01	126.3
523	210.0	1700.6	0.1	0.43976	0.1467E-01	1.43375	0.1388E-01	127.3

523	210.5	1700.4	0.1	0.43982	0.1479E-01	1.43373	0.1387E-01	128.4
523	211.0	1700.6	0.1	0.43987	0.1447E-01	1.43392	0.1400E-01	129.0
523	211.5	1702.4	0.1	0.43991	0.1478E-01	1.43386	0.1396E-01	130.0
523	212.0	1701.0	0.1	0.43983	0.1482E-01	1.43391	0.1400E-01	131.2
523	212.5	1702.8	0.1	0.43988	0.1494E-01	1.43384	0.1395E-01	132.1
523	213.0	1702.4	0.1	0.43975	0.1463E-01	1.43391	0.1400E-01	133.3
523	213.5	1702.2	0.1	0.43995	0.1509E-01	1.43397	0.1404E-01	134.3
523	214.0	1702.4	0.1	0.43996	0.1512E-01	1.43405	0.1410E-01	135.3
523	214.5	1701.6	0.1	0.43990	0.1499E-01	1.43405	0.1410E-01	136.2
523	215.0	1701.4	0.1	0.44007	0.1538E-01	1.43417	0.1418E-01	137.3
523	215.5	1700.4	0.1	0.44005	0.1533E-01	1.43412	0.1414E-01	138.3
523	216.0	1700.4	0.1	0.44020	0.1568E-01	1.43411	0.1414E-01	139.3
523	216.5	1700.2	0.1	0.43998	0.1518E-01	1.43416	0.1417E-01	140.5
523	217.0	1699.4	0.1	0.44004	0.1530E-01	1.43414	0.1416E-01	141.3
523	217.5	1700.6	0.1	0.43995	0.1511E-01	1.43418	0.1419E-01	142.6
523	218.0	1701.4	0.1	0.44016	0.1549E-01	1.43430	0.1427E-01	143.7
523	218.5	1701.2	0.1	0.44010	0.1544E-01	1.43414	0.1416E-01	144.2
523	219.0	1699.8	0.1	0.44001	0.1525E-01	1.43424	0.1424E-01	145.6
523	219.5	1700.8	0.1	0.44020	0.1568E-01	1.43429	0.1426E-01	146.8
523	220.0	1700.4	0.1	0.44021	0.1577E-01	1.43433	0.1429E-01	147.7
523	220.5	1701.4	0.1	0.44008	0.1541E-01	1.43437	0.1432E-01	148.7
523	221.0	1701.2	0.1	0.44017	0.1562E-01	1.39149	-0.1600E-01	149.8
523	221.5	1701.2	0.1	0.44041	0.1616E-01	1.43444	0.1437E-01	150.7
523	222.0	1701.4	0.1	0.44023	0.1574E-01	1.43432	0.1429E-01	151.6
523	222.5	1701.4	0.1	0.44030	0.1590E-01	1.43447	0.1440E-01	152.8
523	223.0	1700.2	0.1	0.44043	0.1621E-01	1.43460	0.1448E-01	153.7
523	223.5	1700.0	0.1	0.44052	0.1643E-01	1.43455	0.1445E-01	154.9
523	224.0	1699.0	0.1	0.44049	0.1634E-01	1.43467	0.1453E-01	156.0
523	224.5	1698.8	0.1	0.44056	0.1651E-01	1.43466	0.1453E-01	156.8
523	225.0	1700.2	0.1	0.44072	0.1689E-01	1.43468	0.1454E-01	158.2
523	225.5	1701.0	0.1	0.44069	0.1680E-01	1.43475	0.1459E-01	159.1
523	226.0	1700.4	0.1	0.44075	0.1695E-01	1.43477	0.1460E-01	160.3
523	226.5	1699.2	0.1	0.44070	0.1684E-01	1.43476	0.1460E-01	161.6
523	227.0	1699.2	0.1	0.44069	0.1680E-01	1.43481	0.1463E-01	162.5
523	227.5	1699.0	0.1	0.44067	0.1677E-01	1.43478	0.1461E-01	163.7
523	228.0	1699.2	0.1	0.44074	0.1693E-01	1.43490	0.1470E-01	164.8
523	228.5	1699.6	0.1	0.44080	0.1705E-01	1.43495	0.1473E-01	166.0
523	229.0	1700.8	0.1	0.44078	0.1702E-01	1.43587	0.1538E-01	167.1
523	229.5	1701.2	0.1	0.44094	0.1738E-01	1.43518	0.1489E-01	168.1
523	230.0	1701.0	0.1	0.44072	0.1689E-01	1.43516	0.1488E-01	169.2
523	230.5	1700.6	0.1	0.44106	0.1767E-01	1.43525	0.1495E-01	170.5
523	231.0	1700.2	0.1	0.44108	0.1770E-01	1.43528	0.1496E-01	171.5
523	231.5	1699.4	0.1	0.44107	0.1768E-01	1.43524	0.1494E-01	172.6
523	232.0	1698.8	0.1	0.44113	0.1782E-01	1.43529	0.1497E-01	173.6
523	232.5	1699.4	0.1	0.44112	0.1780E-01	1.43535	0.1502E-01	174.8
523	233.0	1700.0	0.1	0.44131	0.1825E-01	1.43540	0.1505E-01	175.9
523	233.5	1699.4	0.1	0.44123	0.1806E-01	1.43541	0.1506E-01	177.1
523	234.0	1698.6	0.1	0.44134	0.1840E-01	1.43546	0.1509E-01	178.4
523	234.5	1698.8	0.1	0.44141	0.1847E-01	1.43549	0.1511E-01	179.6
523	235.0	1700.2	0.1	0.44148	0.1864E-01	1.43554	0.1515E-01	180.7
523	235.5	1698.8	0.1	0.44150	0.1868E-01	1.43544	0.1508E-01	182.1
523	236.0	1697.6	0.1	0.44165	0.1903E-01	1.43556	0.1518E-01	183.2
523	236.5	1698.4	0.1	0.44170	0.1913E-01	1.43555	0.1515E-01	184.2
523	237.0	1699.6	0.1	0.44174	0.1924E-01	1.43552	0.1513E-01	185.4
523	237.5	1700.2	0.1	0.44193	0.1968E-01	1.43548	0.1510E-01	187.0
523	238.0	1700.0	0.1	0.44222	0.2033E-01	1.43547	0.1510E-01	188.0
523	238.5	1700.2	0.1	0.44220	0.2028E-01	1.432743	0.9413E-02	189.4
523	239.0	1699.8	0.1	0.44238	0.2070E-01	1.43525	0.1495E-01	190.0
523	239.5	1699.8	0.1	0.44246	0.2090E-01	1.43515	0.1487E-01	191.7
523	240.0	1700.0	0.1	0.44264	0.2130E-01	1.43510	0.1484E-01	192.5

523	240.5	1699.8	0.1	0.44288	0.2180E-01	1.43509	0.1483E-01	194.0
523	241.0	1698.6	0.1	0.44292	0.2196E-01	1.43501	0.1478E-01	195.1
523	241.5	1697.6	0.1	0.44305	0.2227E-01	1.43493	0.1472E-01	196.3
523	242.0	1698.6	0.1	0.44348	0.2325E-01	1.43474	0.1459E-01	197.1
523	242.5	1700.2	0.1	0.44359	0.2580E-01	1.41621	0.1479E-02	198.6
523	243.0	1700.6	0.1	0.44374	0.2384E-01	1.43461	0.1449E-01	199.8
523	243.5	1701.0	0.1	0.44413	0.2474E-01	1.43449	0.1441E-01	200.9
523	244.0	1700.4	0.1	0.44446	0.2551E-01	1.45015	0.2548E-01	202.1
523	244.5	1701.4	0.1	0.44461	0.2591E-01	1.43423	0.1422E-01	203.2
523	245.0	1701.4	0.1	0.44514	0.2707E-01	1.43408	0.1412E-01	204.2
523	245.5	1700.8	0.1	0.44555	0.2803E-01	1.43403	0.1406E-01	205.6

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525	216.5	871.4	0.0	0.43528	0.3273E-02	1.36830	0.2777E-02	7.5
525	217.0	949.4	0.0	0.43543	0.3631E-02	1.36866	0.3037E-02	7.8
525	217.5	1026.0	0.0	0.43559	0.3990E-02	1.36897	0.3263E-02	8.0
525	218.0	1103.6	0.0	0.43575	0.4363E-02	1.36926	0.3495E-02	8.2
525	218.5	1177.8	0.0	0.43589	0.4692E-02	1.36954	0.3721E-02	8.4
525	219.0	1252.2	0.0	0.43609	0.5140E-02	1.36997	0.3994E-02	8.4
525	219.5	1324.2	0.0	0.43630	0.5619E-02	1.37036	0.4281E-02	8.6
525	220.0	1391.4	0.0	0.43644	0.6007E-02	1.37076	0.4575E-02	8.7
525	220.5	1452.8	0.0	0.43657	0.6246E-02	1.37102	0.4767E-02	8.7
525	221.0	1510.0	0.0	0.43666	0.6456E-02	1.37124	0.4931E-02	9.1
525	221.5	1543.4	0.0	0.43674	0.6635E-02	1.37134	0.4999E-02	9.1
525	222.0	1555.2	0.0	0.43688	0.6515E-02	1.37134	0.5039E-02	9.2
525	222.5	1555.8	0.0	0.43661	0.6336E-02	1.37144	0.5073E-02	9.4
525	223.0	1556.0	0.0	0.43666	0.6456E-02	1.37143	0.5067E-02	9.3
525	223.5	1554.6	0.0	0.43663	0.6396E-02	1.37139	0.5039E-02	9.4
525	224.0	1553.4	0.0	0.43685	0.6441E-02	1.37136	0.5016E-02	9.4
525	224.5	1551.0	0.0	0.43656	0.6231E-02	1.37140	0.5045E-02	9.3
525	225.0	1549.4	0.0	0.43688	0.6515E-02	1.37132	0.4988E-02	9.5
525	225.5	1547.8	0.0	0.43663	0.6396E-02	1.37134	0.5005E-02	9.4
525	226.0	1546.0	0.0	0.43685	0.6426E-02	1.37138	0.5028E-02	9.3
525	226.5	1545.0	0.0	0.43661	0.6351E-02	1.37141	0.5056E-02	9.5
525	227.0	1543.6	0.0	0.43657	0.6157E-02	1.37140	0.5044E-02	9.4
525	227.5	1542.8	0.0	0.43667	0.6470E-02	1.37144	0.5073E-02	12.1
525	228.0	1553.2	0.0	0.43665	0.6441E-02	1.37157	0.5169E-02	29.9
525	228.5	1551.4	0.0	0.43663	0.6396E-02	1.37150	0.5116E-02	30.3
525	229.0	1549.8	0.0	0.43669	0.6530E-02	1.37152	0.5135E-02	31.0
525	229.5	1547.4	0.0	0.43645	0.6426E-02	1.37158	0.5175E-02	31.2
525	230.0	1545.2	0.0	0.43668	0.6515E-02	1.37159	0.5186E-02	31.7
525	230.5	1543.8	0.0	0.43665	0.6426E-02	1.37159	0.5186E-02	31.9
525	231.0	1543.2	0.0	0.43673	0.6620E-02	1.37162	0.5208E-02	32.4
525	231.5	1543.2	0.0	0.43683	0.6381E-02	1.37162	0.5208E-02	32.4
525	232.0	1542.0	0.0	0.43670	0.6545E-02	1.37166	0.5237E-02	32.4
525	232.5	1541.6	0.0	0.43675	0.6665E-02	1.37170	0.5265E-02	32.5
525	233.0	1541.8	0.0	0.43663	0.6381E-02	1.37171	0.5271E-02	32.6
525	233.5	1541.4	0.0	0.43663	0.6381E-02	1.37173	0.5288E-02	32.4
525	234.0	1541.8	0.0	0.43683	0.6844E-02	1.37169	0.5259E-02	32.4
525	234.5	1542.4	0.0	0.43671	0.6575E-02	1.37175	0.5305E-02	32.3
525	235.0	1541.8	0.0	0.43675	0.6665E-02	1.37174	0.5293E-02	32.6
525	235.5	1542.4	0.0	0.43686	0.6919E-02	1.37180	0.5338E-02	32.5
525	236.0	1543.0	0.0	0.43685	0.6441E-02	1.37185	0.5378E-02	32.5
525	236.5	1543.8	0.0	0.43678	0.6739E-02	1.37188	0.5395E-02	32.3
525	237.0	1543.6	0.0	0.43689	0.6530E-02	1.37189	0.5406E-02	32.3
525	237.5	1543.6	0.0	0.43678	0.6725E-02	1.37185	0.5378E-02	32.5
525	238.0	1543.9	0.0	0.43676	0.6695E-02	1.37188	0.5401E-02	32.6
525	238.5	1544.6	0.0	0.43672	0.6805E-02	1.37190	0.5412E-02	32.3
525	239.0	1544.4	0.0	0.43684	0.6411E-02	1.37192	0.5423E-02	32.5
525	239.5	1545.0	0.0	0.43683	0.6859E-02	1.37195	0.5452E-02	32.6
525	240.0	1544.8	0.0	0.43691	0.7038E-02	1.37203	0.5508E-02	32.5
525	240.5	1546.0	0.0	0.43676	0.6695E-02	1.37206	0.5531E-02	32.5
525	241.0	1546.0	0.0	0.43680	0.6769E-02	1.37203	0.5508E-02	32.1
525	241.5	1547.0	0.0	0.43676	0.6680E-02	1.37209	0.5548E-02	32.4
525	242.0	1547.2	0.0	0.43679	0.6754E-02	1.37213	0.5582E-02	32.4
525	242.5	1547.6	0.0	0.43693	0.7083E-02	1.37214	0.5627E-02	32.5
525	243.0	1548.6	0.0	0.43685	0.6889E-02	1.37222	0.5650E-02	32.5
525	243.5	1548.2	0.0	0.43690	0.7008E-02	1.37221	0.5638E-02	32.4
525	244.0	1547.4	0.0	0.43686	0.6919E-02	1.37228	0.5689E-02	32.5
525	244.5	1547.8	0.0	0.43680	0.6769E-02	1.37234	0.5734E-02	32.3
525	245.0	1546.8	0.0	0.43692	0.7053E-02	1.37232	0.5723E-02	32.4
525	245.5	1547.0	0.0	0.43693	0.7091E-02	1.37233	0.5729E-02	32.4
525	246.0	1547.2	0.0	0.43693	0.7083E-02	1.37237	0.5757E-02	32.4

525	246.5	1548.4	0.0	0.43693	0.7083E-02	1.37239	0.5774E-02	32.2
525	247.0	1548.4	0.0	0.43703	0.7352E-02	1.37253	0.5870E-02	32.6
525	247.5	1548.4	0.0	0.43711	0.7502E-02	1.37254	0.5881E-02	32.5
525	248.0	1549.0	0.0	0.43702	0.7292E-02	1.37256	0.5898E-02	32.5
525	248.5	1548.8	0.0	0.43702	0.7277E-02	1.37258	0.5910E-02	32.5
525	249.0	1548.8	0.0	0.43702	0.7285E-02	1.37257	0.5904E-02	32.4
525	249.5	1548.6	0.0	0.43691	0.7038E-02	1.37268	0.5983E-02	32.5
525	250.0	1549.0	0.0	0.43704	0.7322E-02	1.37263	0.5949E-02	32.6
525	250.5	1549.8	0.0	0.43695	0.7121E-02	1.37278	0.6057E-02	32.5
525	251.0	1547.8	0.0	0.43709	0.7442E-02	1.37280	0.6068E-02	32.6
525	251.5	1548.4	0.0	0.43698	0.7188E-02	1.37292	0.6159E-02	32.4
525	252.0	1548.6	0.0	0.43711	0.7502E-02	1.37271	0.6006E-02	32.4
525	252.5	1547.6	0.0	0.43707	0.7397E-02	1.37274	0.6028E-02	32.5
525	253.0	1547.6	0.0	0.43709	0.7442E-02	1.37276	0.6045E-02	32.6
525	253.5	1547.6	0.0	0.43706	0.7382E-02	1.37289	0.6136E-02	32.5
525	254.0	1547.2	0.0	0.43706	0.7382E-02	1.37297	0.6198E-02	32.4
525	254.5	1547.6	0.0	0.43724	0.7785E-02	1.37300	0.6221E-02	32.5
525	255.0	1547.8	0.0	0.43711	0.7487E-02	1.37312	0.6306E-02	32.5
525	255.5	1548.4	0.0	0.43712	0.7516E-02	1.37302	0.6232E-02	32.5
525	256.0	1548.8	0.0	0.43709	0.7442E-02	1.37301	0.6226E-02	32.2
525	256.5	1548.8	0.0	0.43714	0.7561E-02	1.37312	0.6306E-02	32.4
525	257.0	1550.0	0.0	0.43711	0.7502E-02	1.37316	0.6334E-02	32.5
525	257.5	1549.4	0.0	0.43730	0.7927E-02	1.37320	0.6362E-02	32.4
525	258.0	1549.2	0.0	0.43726	0.7845E-02	1.37320	0.6368E-02	32.6
525	258.5	1549.8	0.0	0.43727	0.7853E-02	1.37323	0.6385E-02	32.4
525	259.0	1550.0	0.0	0.43722	0.7756E-02	1.37321	0.6373E-02	32.4
525	259.5	1550.2	0.0	0.43723	0.7763E-02	1.37331	0.6447E-02	32.5
525	260.0	1549.8	0.0	0.43721	0.7733E-02	1.37327	0.6413E-02	32.3
525	260.5	1549.2	0.0	0.43739	0.8137E-02	1.37340	0.6515E-02	32.5
525	261.0	1549.8	0.0	0.43728	0.7890E-02	1.37339	0.6504E-02	32.5
525	261.5	1549.0	0.0	0.43739	0.8144E-02	1.37340	0.6509E-02	32.4
525	262.0	1549.8	0.0	0.43725	0.7815E-02	1.37344	0.6537E-02	32.5
525	262.5	1549.8	0.0	0.43727	0.7875E-02	1.37345	0.6549E-02	32.3
525	263.0	1550.4	0.0	0.43729	0.7905E-02	1.37342	0.6526E-02	32.4
525	263.5	1549.4	0.0	0.43731	0.7965E-02	1.37345	0.6544E-02	32.4
525	264.0	1550.4	0.0	0.43744	0.8249E-02	1.37353	0.6605E-02	32.5
525	264.5	1550.6	0.0	0.43737	0.8084E-02	1.37358	0.6645E-02	32.4
525	265.0	1549.6	0.0	0.43724	0.7785E-02	1.37355	0.6622E-02	32.5
525	265.5	1550.0	0.0	0.43737	0.8084E-02	1.37360	0.6658E-02	32.4
525	266.0	1550.2	0.0	0.43737	0.8084E-02	1.37362	0.6673E-02	32.5
525	266.5	1549.4	0.0	0.43746	0.8294E-02	1.37361	0.6667E-02	32.4
525	267.0	1550.0	0.0	0.43743	0.8234E-02	1.37363	0.6674E-02	32.4
525	267.5	1549.4	0.0	0.43747	0.8323E-02	1.37368	0.6718E-02	32.4
525	268.0	1550.0	0.0	0.43740	0.8167E-02	1.37369	0.6724E-02	32.5
525	268.5	1550.2	0.0	0.43742	0.8204E-02	1.37372	0.6747E-02	32.4
525	269.0	1549.8	0.0	0.43747	0.8323E-02	1.37377	0.6781E-02	32.4
525	269.5	1549.6	0.0	0.43760	0.8615E-02	1.37378	0.6786E-02	32.5
525	270.0	1549.0	0.0	0.43751	0.8413E-02	1.37380	0.6803E-02	32.5
525	270.5	1549.0	0.0	0.43747	0.8323E-02	1.37388	0.6865E-02	32.4
525	271.0	1549.2	0.0	0.43747	0.8323E-02	1.37389	0.6871E-02	32.5
525	271.5	1548.4	0.0	0.43751	0.8413E-02	1.37391	0.6882E-02	32.5
525	272.0	1549.0	0.0	0.43759	0.8592E-02	1.37393	0.6899E-02	32.5
525	272.5	1548.6	0.0	0.43748	0.8353E-02	1.37395	0.6916E-02	32.5
525	273.0	1548.6	0.0	0.43753	0.8458E-02	1.37397	0.6928E-02	32.6
525	273.5	1548.4	0.0	0.43753	0.8473E-02	1.37404	0.6979E-02	32.5
525	274.0	1548.6	0.0	0.43750	0.8383E-02	1.37408	0.7012E-02	32.5
525	274.5	1548.8	0.0	0.43748	0.8353E-02	1.37407	0.7001E-02	32.3
525	275.0	1548.2	0.0	0.43753	0.8473E-02	1.37415	0.7063E-02	32.2
525	275.5	1548.2	0.0	0.43748	0.8353E-02	1.37413	0.7046E-02	32.0
525	276.0	1548.0	0.0	0.43755	0.8503E-02	1.37415	0.7063E-02	32.5

525	276.5	1548.4	0.0	0.43753	0.8473E-02	1.37428	0.7160E-02	32.4
525	277.0	1549.0	0.0	0.43769	0.8831E-02	1.37425	0.7131E-02	32.5
525	277.5	1548.2	0.0	0.43769	0.8831E-02	1.37432	0.7182E-02	32.5
525	278.0	1548.0	0.0	0.43763	0.4682E-02	1.37430	0.7171E-02	32.5
525	278.5	1548.6	0.0	0.43763	0.4682E-02	1.37438	0.7233E-02	32.2
525	279.0	1548.0	0.0	0.43766	0.8772E-02	1.37435	0.7205E-02	32.5
525	279.5	1548.2	0.0	0.43767	0.8787E-02	1.37438	0.7227E-02	32.2
525	280.0	1549.4	0.0	0.43759	0.8592E-02	1.37447	0.7295E-02	32.4
525	280.5	1548.0	0.0	0.43756	0.8533E-02	1.37448	0.7301E-02	32.5
525	281.0	1548.4	0.0	0.43769	0.8832E-02	1.37447	0.7295E-02	32.4
525	281.5	1547.4	0.0	0.43763	0.8682E-02	1.37455	0.7358E-02	32.6
525	282.0	1548.0	0.0	0.43763	0.8682E-02	1.37455	0.7357E-02	32.4
525	282.5	1547.4	0.0	0.43766	0.8772E-02	1.37453	0.7341E-02	32.3
525	283.0	1548.8	0.0	0.43778	0.9041E-02	1.37461	0.7397E-02	32.5
525	283.5	1548.2	0.0	0.43766	0.8802E-02	1.37469	0.7459E-02	32.4
525	284.0	1548.0	0.0	0.43769	0.8831E-02	1.37462	0.7408E-02	32.5
525	284.5	1548.0	0.0	0.43785	0.9190E-02	1.37466	0.7437E-02	32.5
525	285.0	1547.4	0.0	0.43772	0.8891E-02	1.37470	0.7465E-02	32.5
525	285.5	1547.4	0.0	0.43777	0.9011E-02	1.37473	0.7488E-02	32.4
525	286.0	1548.0	0.0	0.43786	0.9220E-02	1.37470	0.7465E-02	32.6
525	286.5	1548.2	0.0	0.43777	0.9011E-02	1.37474	0.7493E-02	32.4
525	287.0	1548.6	0.0	0.43781	0.9100E-02	1.37474	0.7493E-02	32.5
525	287.5	1547.8	0.0	0.43777	0.9011E-02	1.37482	0.7550E-02	32.5
525	288.0	1548.6	0.0	0.43782	0.9130E-02	1.37485	0.7572E-02	32.5
525	288.5	1548.6	0.0	0.43772	0.8891E-02	1.37485	0.7572E-02	32.4
525	289.0	1548.8	0.0	0.43777	0.9011E-02	1.37486	0.7578E-02	32.4
525	289.5	1549.2	0.0	0.43787	0.9250E-02	1.37494	0.7640E-02	32.5
525	290.0	1548.8	0.0	0.43781	0.9101E-02	1.37495	0.7646E-02	32.6
525	290.5	1548.0	0.0	0.43782	0.9130E-02	1.37500	0.7685E-02	32.4
525	291.0	1548.0	0.0	0.43781	0.9100E-02	1.37501	0.7688E-02	32.4
525	291.5	1547.4	0.0	0.43788	0.9280E-02	1.37505	0.7719E-02	32.3
525	292.0	1548.0	0.0	0.43782	0.9130E-02	1.37506	0.7725E-02	32.4
525	292.5	1548.4	0.0	0.43787	0.9250E-02	1.37508	0.7742E-02	32.5
525	293.0	1548.2	0.0	0.43777	0.9011E-02	1.37509	0.7753E-02	32.5
525	293.5	1548.0	0.0	0.43778	0.9041E-02	1.37515	0.7793E-02	32.6
525	294.0	1547.8	0.0	0.43781	0.9100E-02	1.37519	0.7821E-02	32.4
525	294.5	1548.8	0.0	0.43778	0.9041E-02	1.37519	0.7816E-02	32.5
525	295.0	1547.6	0.0	0.43783	0.9160E-02	1.37523	0.7849E-02	32.6
525	295.5	1548.0	0.0	0.43795	0.9429E-02	1.37526	0.7878E-02	32.5
525	296.0	1548.0	0.0	0.43783	0.9160E-02	1.37526	0.7872E-02	32.3
525	296.5	1547.4	0.0	0.43795	0.9429E-02	1.37530	0.7906E-02	32.6
525	297.0	1548.6	0.0	0.43778	0.9041E-02	1.37530	0.7906E-02	32.4
525	297.5	1548.4	0.0	0.43796	0.9459E-02	1.37538	0.7963E-02	32.5
525	298.0	1548.6	0.0	0.43790	0.9310E-02	1.37533	0.7929E-02	32.6
525	298.5	1548.4	0.0	0.43794	0.9399E-02	1.37542	0.7991E-02	32.5
525	299.0	1548.2	0.0	0.43788	0.9280E-02	1.37540	0.7974E-02	32.4
525	299.5	1549.0	0.0	0.43808	0.9728E-02	1.37546	0.8019E-02	32.3
525	300.0	1549.0	0.0	0.43795	0.9429E-02	1.37549	0.8042E-02	32.4
525	300.5	1549.2	0.0	0.43800	0.9549E-02	1.37550	0.8047E-02	32.5
525	301.0	1549.0	0.0	0.43814	0.9878E-02	1.37555	0.8087E-02	32.4
525	301.5	1548.6	0.0	0.43812	0.9818E-02	1.37560	0.8127E-02	32.4
525	302.0	1548.2	0.0	0.43810	0.9788E-02	1.37558	0.8110E-02	32.3
525	302.5	1548.8	0.0	0.43814	0.9878E-02	1.37564	0.8155E-02	32.2
525	303.0	1549.6	0.0	0.43810	0.9788E-02	1.37565	0.8161E-02	32.6
525	303.5	1549.0	0.0	0.43818	0.9967E-02	1.37570	0.8194E-02	32.6
525	304.0	1548.8	0.0	0.43817	0.9937E-02	1.37569	0.8199E-02	32.4
525	304.5	1548.8	0.0	0.43818	0.9967E-02	1.37574	0.8223E-02	32.5
525	305.0	1548.2	0.0	0.43823	0.1009E-01	1.37579	0.8262E-02	32.3
525	305.5	1548.4	0.0	0.43823	0.1004E-01	1.37577	0.8251E-02	32.6
525	306.0	1547.6	0.0	0.43814	0.9878E-02	1.37585	0.8308E-02	32.2

525	306.5	1548.6	0.0	0.43818	0.9967E-02	1.37587	0.8319E-02	32.3
525	307.0	1549.0	0.0	0.43826	0.1015E-01	1.37593	0.8364E-02	32.5
525	307.5	1549.4	0.0	0.43816	0.9907E-02	1.37594	0.8370E-02	32.5
525	308.0	1549.8	0.0	0.43822	0.1006E-01	1.37597	0.8392E-02	32.5
525	308.5	1549.0	0.0	0.43817	0.9937E-02	1.37601	0.8426E-02	32.5
525	309.0	1548.8	0.0	0.43825	0.1012E-01	1.37601	0.8421E-02	32.6
525	309.5	1549.2	0.0	0.43829	0.1021E-01	1.37607	0.8466E-02	32.4
525	310.0	1548.6	0.0	0.43830	0.1024E-01	1.37607	0.8466E-02	32.5
525	310.5	1549.0	0.0	0.43825	0.1012E-01	1.37612	0.8505E-02	32.3
525	311.0	1549.0	0.0	0.43829	0.1021E-01	1.37608	0.8477E-02	32.2
525	311.5	1547.8	0.0	0.43835	0.1036E-01	1.37615	0.8528E-02	32.3
525	312.0	1548.0	0.0	0.43835	0.1036E-01	1.37623	0.8585E-02	32.4
525	312.5	1548.2	0.0	0.43829	0.1021E-01	1.37622	0.8579E-02	32.4
525	313.0	1548.8	0.0	0.43836	0.1039E-01	1.37618	0.8545E-02	32.3
525	313.5	1548.8	0.0	0.43822	0.1006E-01	1.37621	0.8568E-02	32.4
525	314.0	1549.0	0.0	0.43833	0.1030E-01	1.37631	0.8641E-02	32.5
525	314.5	1548.4	0.0	0.43838	0.1042E-01	1.37631	0.8647E-02	32.5
525	315.0	1549.0	0.0	0.43831	0.1027E-01	1.37634	0.8669E-02	32.6
525	315.5	1549.0	0.0	0.43835	0.1036E-01	1.37634	0.8669E-02	32.5
525	316.0	1548.8	0.0	0.43833	0.1030E-01	1.37643	0.8732E-02	32.6
525	316.5	1549.2	0.0	0.43814	0.9947E-02	1.37644	0.8737E-02	32.5
525	317.0	1548.2	0.0	0.43835	0.1036E-01	1.37648	0.8771E-02	32.4
525	317.5	1548.6	0.0	0.43839	0.1045E-01	1.37648	0.8771E-02	32.5
525	318.0	1549.2	0.0	0.43840	0.1048E-01	1.37650	0.8783E-02	32.5
525	318.5	1548.8	0.0	0.43840	0.1048E-01	1.37655	0.8822E-02	32.4
525	319.0	1548.2	0.0	0.43842	0.1051E-01	1.37655	0.8822E-02	32.5
525	319.5	1548.0	0.0	0.43836	0.1039E-01	1.37659	0.8850E-02	32.4
525	320.0	1547.6	0.0	0.43838	0.1042E-01	1.37662	0.8873E-02	32.4
525	320.5	1547.6	0.0	0.43845	0.1059E-01	1.37659	0.8851E-02	32.4
525	321.0	1549.0	0.0	0.43836	0.1039E-01	1.37668	0.8913E-02	32.5
525	321.5	1548.6	0.0	0.43834	0.1033E-01	1.37668	0.8918E-02	32.4
525	322.0	1548.8	0.0	0.43847	0.1062E-01	1.37665	0.8896E-02	32.5
525	322.5	1548.8	0.0	0.43843	0.1054E-01	1.37670	0.8930E-02	32.4
525	323.0	1549.4	0.0	0.43842	0.1051E-01	1.37678	0.8992E-02	32.4
525	323.5	1549.0	0.0	0.43838	0.1042E-01	1.37678	0.8992E-02	32.3
525	324.0	1548.6	0.0	0.43834	0.1033E-01	1.37684	0.9031E-02	35.0
525	324.5	1549.4	0.0	0.43833	0.1030E-01	1.37685	0.9043E-02	50.5
525	325.0	1553.6	0.0	0.43847	0.1062E-01	1.37702	0.9167E-02	87.5
525	325.5	1565.2	0.0	0.43869	0.1113E-01	1.37719	0.9286E-02	139.5
525	326.0	1571.8	0.0	0.43875	0.1128E-01	1.37736	0.9410E-02	205.6
525	326.5	1568.0	0.0	0.43899	0.1182E-01	1.37737	0.9422E-02	236.1
525	327.0	1561.6	0.0	0.43906	0.1200E-01	1.37737	0.9422E-02	236.9
525	327.5	1557.0	0.0	0.43916	0.1221E-01	1.37738	0.9427E-02	237.2
525	328.0	1554.0	0.0	0.43934	0.1263E-01	1.37742	0.9456E-02	238.0
525	328.5	1552.2	0.0	0.43954	0.1311E-01	1.37748	0.9501E-02	238.9
525	329.0	1549.4	0.0	0.43943	0.1284E-01	1.37748	0.9501E-02	239.6
525	329.5	1549.2	0.0	0.43960	0.1322E-01	1.37751	0.9523E-02	240.2
525	330.0	1549.4	0.0	0.43970	0.1346E-01	1.37758	0.9574E-02	241.0
525	330.5	1548.0	0.0	0.43979	0.1367E-01	1.37762	0.9603E-02	241.6
525	331.0	1548.6	0.0	0.43979	0.1367E-01	1.37763	0.9614E-02	242.2
525	331.5	1547.2	0.0	0.43976	0.1361E-01	1.37766	0.9631E-02	242.8
525	332.0	1547.0	0.0	0.43988	0.1388E-01	1.37770	0.9659E-02	243.5
525	332.5	1547.0	0.0	0.44000	0.1415E-01	1.37780	0.9738E-02	244.1
525	333.0	1547.0	0.0	0.43988	0.1388E-01	1.37779	0.9727E-02	244.8
525	333.5	1545.6	0.0	0.44021	0.1463E-01	1.37783	0.9761E-02	245.7
525	334.0	1546.2	0.0	0.44017	0.1454E-01	1.37792	0.9823E-02	246.2
525	334.5	1547.0	0.0	0.44027	0.1478E-01	1.37796	0.9851E-02	247.1
525	335.0	1547.0	0.0	0.44036	0.1499E-01	1.37798	0.9868E-02	248.0
525	335.5	1548.4	0.0	0.44046	0.1523E-01	1.37809	0.9948E-02	248.6
525	336.0	1549.2	0.0	0.44058	0.1550E-01	1.37807	0.9936E-02	249.5

525	366.5	1550.4	0.0	0.44839	0.3349E-01	1.38006	0.1140E-01	305.8
525	367.0	1550.4	0.0	0.44854	0.3385E-01	1.38006	0.1139E-01	306.7
525	367.5	1550.8	0.0	0.44872	0.3427E-01	1.38008	0.1141E-01	307.7
525	368.0	1551.6	0.0	0.44896	0.3480E-01	1.38017	0.1147E-01	308.0
525	368.5	1550.6	0.0	0.44897	0.3483E-01	1.38023	0.1152E-01	309.7
525	369.0	1550.6	0.0	0.44930	0.3558E-01	1.38023	0.1152E-01	310.7
525	369.5	1551.4	0.0	0.44945	0.3594E-01	1.38026	0.1154E-01	311.6
525	370.0	1550.8	0.0	0.44955	0.3618E-01	1.38028	0.1155E-01	312.0
525	370.5	1551.0	0.0	0.44972	0.3657E-01	1.38034	0.1160E-01	313.3
525	371.0	1551.0	0.0	0.44996	0.3710E-01	1.38036	0.1161E-01	314.2
525	371.5	1550.8	0.0	0.45002	0.3725E-01	1.38043	0.1165E-01	315.2
525	372.0	1551.2	0.0	0.45033	0.3747E-01	1.38039	0.1163E-01	316.3
525	372.5	1551.2	0.0	0.45057	0.3751E-01	1.38042	0.1166E-01	317.1
525	373.0	1551.4	0.0	0.45073	0.3890E-01	1.38046	0.1166E-01	318.2
525	373.5	1550.4	0.0	0.45085	0.3917E-01	1.38050	0.1171E-01	319.2
525	374.0	1550.0	0.0	0.45118	0.3991E-01	1.38057	0.1176E-01	320.0
525	374.5	1549.8	0.0	0.45136	0.4033E-01	1.38058	0.1177E-01	321.0
525	375.0	1549.4	0.0	0.45154	0.4075E-01	1.38063	0.1181E-01	322.1
525	375.5	1549.4	0.0	0.45176	0.4126E-01	1.38065	0.1183E-01	323.1
525	376.0	1550.0	0.0	0.45202	0.4186E-01	1.38067	0.1184E-01	324.0
525	376.5	1550.0	0.0	0.45221	0.4230E-01	1.38074	0.1189E-01	324.8
525	377.0	1551.8	0.0	0.45241	0.4275E-01	1.38077	0.1191E-01	325.8
525	377.5	1551.6	0.0	0.45259	0.4317E-01	1.38077	0.1191E-01	326.9
525	378.0	1552.4	0.0	0.45285	0.4377E-01	1.38087	0.1198E-01	327.9
525	378.5	1551.4	0.0	0.45306	0.4425E-01	1.38087	0.1199E-01	328.9
525	379.0	1550.0	0.0	0.45325	0.4470E-01	1.38087	0.1198E-01	329.6
525	379.5	1550.6	0.0	0.45355	0.4538E-01	1.38093	0.1203E-01	330.9
525	380.0	1550.6	0.0	0.45368	0.4568E-01	1.38098	0.1207E-01	331.8
525	380.5	1550.6	0.0	0.45385	0.4607E-01	1.38108	0.1214E-01	332.4
525	381.0	1550.0	0.0	0.45424	0.4697E-01	1.38104	0.1211E-01	333.8
525	381.5	1550.6	0.0	0.45436	0.4727E-01	1.38107	0.1213E-01	335.0
525	382.0	1549.8	0.0	0.45452	0.4762E-01	1.38105	0.1212E-01	336.1
525	382.5	1549.6	0.0	0.45487	0.4843E-01	1.38111	0.1216E-01	337.2
525	383.0	1549.2	0.0	0.45516	0.4909E-01	1.38123	0.1225E-01	338.1
525	383.5	1549.8	0.0	0.45536	0.4957E-01	1.38121	0.1223E-01	339.4
525	384.0	1549.2	0.0	0.45553	0.4996E-01	1.38127	0.1228E-01	340.4
525	384.5	1549.6	0.0	0.45586	0.5070E-01	1.38124	0.1225E-01	341.9
525	385.0	1550.0	0.0	0.45599	0.5100E-01	1.38134	0.1233E-01	343.1
525	385.5	1549.8	0.0	0.45640	0.5196E-01	1.38135	0.1234E-01	344.1
525	386.0	1549.8	0.0	0.45657	0.5235E-01	1.38139	0.1237E-01	345.4
525	386.5	1549.2	0.0	0.45683	0.5294E-01	1.38138	0.1236E-01	346.7
525	387.0	1549.8	0.0	0.45713	0.5363E-01	1.38142	0.1239E-01	347.6
525	387.5	1549.2	0.0	0.45745	0.5438E-01	1.38147	0.1242E-01	348.9
525	388.0	1549.0	0.0	0.45771	0.5498E-01	1.38165	0.1256E-01	349.9
525	388.5	1549.0	0.0	0.45798	0.5560E-01	1.38155	0.1248E-01	351.1
525	389.0	1549.2	0.0	0.45835	0.5644E-01	1.38155	0.1249E-01	352.4
525	389.5	1549.8	0.0	0.45866	0.5716E-01	1.38158	0.1250E-01	353.0
525	390.0	1550.8	0.0	0.45888	0.5767E-01	1.38160	0.1252E-01	354.5
525	390.5	1550.0	0.0	0.45923	0.5847E-01	1.38173	0.1262E-01	355.8
525	391.0	1550.0	0.0	0.45958	0.5928E-01	1.38177	0.1265E-01	356.8
525	391.5	1550.0	0.0	0.45982	0.5985E-01	1.38182	0.1266E-01	357.9
525	392.0	1550.2	0.0	0.46012	0.6054E-01	1.38179	0.1266E-01	359.0
525	392.5	1549.8	0.0	0.46045	0.6128E-01	1.38182	0.1268E-01	360.0
525	393.0	1549.0	0.0	0.46074	0.6197E-01	1.38188	0.1272E-01	361.2
525	393.5	1549.6	0.0	0.46111	0.6281E-01	1.38190	0.1274E-01	362.3
525	394.0	1549.6	0.0	0.46148	0.6367E-01	1.38188	0.1272E-01	363.3
525	394.5	1550.6	0.0	0.46179	0.6439E-01	1.38195	0.1278E-01	364.3
525	395.0	1550.4	0.0	0.46190	0.6463E-01	1.38193	0.1276E-01	365.5
525	395.5	1550.2	0.0	0.46252	0.6606E-01	1.38195	0.1278E-01	366.4
525	396.0	1549.8	0.0	0.46294	0.6702E-01	1.38206	0.1285E-01	367.4

525	396.5	1550.2	0.0	0.46321	0.6765E-01	1.38206	0.1286E-01	368.3
525	397.0	1549.8	0.0	0.46348	0.6828E-01	1.38209	0.1288E-01	369.4
525	397.5	1550.6	0.0	0.46400	0.6947E-01	1.38209	0.1288E-01	370.5
525	398.0	1550.4	0.0	0.46423	0.7001E-01	1.38211	0.1289E-01	371.5
525	398.5	1551.2	0.0	0.46469	0.7106E-01	1.38216	0.1293E-01	372.5
525	399.0	1552.0	0.0	0.46504	0.7188E-01	1.38219	0.1296E-01	373.5
525	399.5	1551.0	0.0	0.46552	0.7297E-01	1.38221	0.1297E-01	374.3
525	400.0	1551.2	0.0	0.46594	0.7396E-01	1.38229	0.1302E-01	375.3
525	400.5	1551.4	0.0	0.46632	0.7482E-01	1.38233	0.1306E-01	376.0
525	401.0	1550.6	0.0	0.46676	0.7584E-01	1.38230	0.1304E-01	377.0
525	401.5	1550.6	0.0	0.46712	0.7667E-01	1.38235	0.1307E-01	378.1
525	402.0	1550.2	0.0	0.46769	0.7796E-01	1.38241	0.1311E-01	379.0
525	402.5	1551.6	0.0	0.46808	0.7889E-01	1.38244	0.1314E-01	380.3
525	403.0	1550.6	0.0	0.46849	0.7981E-01	1.38245	0.1314E-01	381.3
525	403.5	1550.0	0.0	0.46899	0.8095E-01	1.38250	0.1318E-01	382.3
525	404.0	1550.2	0.0	0.46957	0.8232E-01	1.38255	0.1322E-01	383.0
525	404.5	1551.2	0.0	0.46990	0.8307E-01	1.38258	0.1324E-01	384.5
525	405.0	1551.0	0.0	0.47044	0.8433E-01	1.38263	0.1328E-01	385.4
525	405.5	1551.8	0.0	0.47099	0.8555E-01	1.38274	0.1335E-01	386.1
525	406.0	1552.0	0.0	0.47147	0.8669E-01	1.38283	0.1342E-01	387.5
525	406.5	1552.2	0.0	0.47195	0.8779E-01	1.38280	0.1344E-01	388.4
525	407.0	1552.0	0.0	0.47257	0.8923E-01	1.38279	0.1339E-01	389.6
525	407.5	1551.6	0.0	0.47304	0.9030E-01	1.38281	0.1341E-01	390.7
525	408.0	1551.6	0.0	0.47361	0.9162E-01	1.38285	0.1344E-01	391.7
525	408.5	1551.0	0.0	0.47420	0.9299E-01	1.38285	0.1344E-01	392.6
525	409.0	1551.0	0.0	0.47468	0.9410E-01	1.38290	0.1348E-01	393.7
525	409.5	1550.6	0.0	0.47518	0.9523E-01	1.38300	0.1354E-01	394.8
525	410.0	1550.8	0.0	0.47601	0.9715E-01	1.38296	0.1352E-01	395.6
525	410.5	1551.8	0.0	0.47662	0.9855E-01	1.38290	0.1348E-01	396.5
525	411.0	1551.4	0.0	0.47711	0.9964E-01	1.38297	0.1353E-01	397.8
525	411.5	1551.0	0.0	0.47777	0.1012E+00	1.38296	0.1352E-01	398.9
525	412.0	1550.8	0.0	0.47839	0.1026E+00	1.38294	0.1350E-01	399.9
525	412.5	1550.6	0.0	0.47916	0.1044E+00	1.38295	0.1351E-01	400.9
525	413.0	1550.0	0.0	0.47973	0.1057E+00	1.38291	0.1348E-01	401.8
525	413.5	1549.8	0.0	0.48040	0.1073E+00	1.38293	0.1349E-01	402.7
525	414.0	1549.8	0.0	0.48124	0.1092E+00	1.38293	0.1349E-01	403.7
525	414.5	1550.4	0.0	0.48191	0.1107E+00	1.38290	0.1347E-01	404.8
525	415.0	1550.4	0.0	0.48271	0.1126E+00	1.38291	0.1348E-01	405.7
525	415.5	1550.6	0.0	0.48354	0.1145E+00	1.38288	0.1346E-01	406.6
525	416.0	1550.0	0.0	0.48431	0.1163E+00	1.38293	0.1347E-01	407.6
525	416.5	1550.8	0.0	0.48504	0.1180E+00	1.38293	0.1349E-01	408.5
525	417.0	1550.0	0.0	0.48595	0.1201E+00	1.38293	0.1350E-01	409.7
525	417.5	1551.4	0.0	0.48681	0.1220E+00	1.38289	0.1347E-01	410.5
525	418.0	1552.0	0.0	0.48782	0.1244E+00	1.38294	0.1350E-01	411.5
525	418.5	1551.9	0.0	0.48862	0.1262E+00	1.38297	0.1352E-01	412.3
525	419.0	1551.4	0.0	0.48940	0.1280E+00	1.38297	0.1352E-01	413.5
525	419.5	1550.4	0.0	0.49057	0.1307E+00	1.38295	0.1351E-01	414.2
525	420.0	1550.8	0.0	0.49148	0.1326E+00	1.38297	0.1352E-01	415.2
525	420.5	1550.6	0.0	0.49256	0.1353E+00	1.38292	0.1349E-01	416.3
525	421.0	1551.2	0.0	0.49359	0.1377E+00	1.38298	0.1353E-01	417.2
525	421.5	1552.0	0.0	0.49476	0.1404E+00	1.38294	0.1350E-01	418.1
525	422.0	1551.8	0.0	0.49608	0.1434E+00	1.38302	0.1356E-01	419.1
525	422.5	1551.8	0.0	0.49705	0.1457E+00	1.38306	0.1358E-01	419.9
525	423.0	1551.8	0.0	0.49833	0.1486E+00	1.38310	0.1362E-01	421.1
525	423.5	1550.0	0.0	0.49949	0.1513E+00	1.38320	0.1369E-01	421.9
525	424.0	1551.6	0.0	0.50080	0.1543E+00	1.38321	0.1370E-01	423.0
525	424.5	1550.4	0.0	0.50200	0.1571E+00	1.38334	0.1379E-01	424.0
525	425.0	1551.8	0.0	0.50359	0.1607E+00	1.38338	0.1383E-01	424.7
525	425.5	1551.8	0.0	0.50518	0.1644E+00	1.38345	0.1388E-01	425.8
525	426.0	1551.4	0.0	0.50667	0.1678E+00	1.38359	0.1398E-01	426.8

525	426.5	1552.0	0.0	0.50836	0.1717E+00	1.38368	0.1404E-01	427.9
525	427.0	1549.4	0.0	0.51012	0.1758E+00	1.38379	0.1413E-01	429.0
525	427.5	1549.0	0.0	0.51209	0.1803E+00	1.38395	0.1425E-01	429.7
525	428.0	1549.4	0.0	0.51392	0.1845E+00	1.38412	0.1436E-01	430.6
525	428.5	1549.8	0.0	0.51607	0.1895E+00	1.38433	0.1452E-01	431.7
525	429.0	1551.4	0.0	0.51838	0.1948E+00	1.38459	0.1471E-01	432.7
525	429.5	1550.2	0.0	0.52064	0.2000E+00	1.38499	0.1500E-01	433.5
525	430.0	1552.4	0.0	0.52344	0.2065E+00	1.38523	0.1518E-01	434.6
525	430.5	1552.4	0.0	0.52650	0.2135E+00	-9.99900	-.9999E+04	435.7
525	431.0	1552.4	0.0	0.53016	0.2220E+00	-9.99900	-.9999E+04	437.0
525	431.5	1553.2	0.0	0.53388	0.2375E+00	-9.99900	-.9999E+04	437.6
525	432.0	1478.2	0.0	0.53887	0.2420E+00	-9.99900	-.9999E+04	420.0
525	432.5	1383.4	0.0	0.53818	0.2405E+00	-9.99900	-.9999E+04	421.0

526	145.5	1535.4	0.0	0.43674	0.6800E-02	1.35949	0.4504E-02	8.7
526	146.0	1544.4	0.0	0.43670	0.6696E-02	1.35946	0.4482E-02	8.7
526	146.5	1544.8	0.0	0.43672	0.6755E-02	1.35944	0.4464E-02	8.8
526	147.0	1544.8	0.0	0.43670	0.6696E-02	1.35949	0.4504E-02	8.8
526	147.5	1545.2	0.0	0.43678	0.6890E-02	1.35948	0.4490E-02	8.8
526	148.0	1543.8	0.0	0.43668	0.6651E-02	1.35952	0.4527E-02	8.8
526	148.5	1542.0	0.0	0.43676	0.6830E-02	1.35954	0.4539E-02	8.8
526	149.0	1542.0	0.0	0.43672	0.6755E-02	1.35951	0.4516E-02	8.8
526	149.5	1540.2	0.0	0.43672	0.6740E-02	1.35955	0.4544E-02	8.7
526	150.0	1538.8	0.0	0.43668	0.6666E-02	1.35953	0.4533E-02	8.7
526	150.5	1537.2	0.0	0.43672	0.6740E-02	1.35965	0.4618E-02	9.1
526	151.0	1537.0	0.0	0.43676	0.6845E-02	1.35969	0.4653E-02	8.8
526	151.5	1538.6	0.0	0.43674	0.6785E-02	1.33517	0.4347E-01	25.2
526	152.0	1546.0	0.0	0.43674	0.6800E-02	1.35968	0.4641E-02	24.8
526	152.5	1543.8	0.0	0.43670	0.6690E-02	1.35972	0.4670E-02	24.7
526	153.0	1540.0	0.0	0.43678	0.6875E-02	1.35968	0.4641E-02	24.8
526	153.5	1538.2	0.0	0.43678	0.6875E-02	1.35972	0.4675E-02	25.0
526	154.0	1537.4	0.0	0.43674	0.6800E-02	1.35970	0.4658E-02	24.9
526	154.5	1535.8	0.0	0.43685	0.7039E-02	1.35975	0.4698E-02	25.0
526	155.0	1535.0	0.0	0.43685	0.7054E-02	1.35970	0.4658E-02	25.1
526	155.5	1532.2	0.0	0.43687	0.7099E-02	1.35968	0.4641E-02	25.2
526	156.0	1531.0	0.0	0.43687	0.7099E-02	1.35973	0.4681E-02	25.0
526	156.5	1531.2	0.0	0.43684	0.7024E-02	1.35979	0.4727E-02	25.4
526	157.0	1531.0	0.0	0.43689	0.7144E-02	1.35975	0.4648E-02	25.3
526	157.5	1532.8	0.0	0.43692	0.7219E-02	1.35988	0.4789E-02	25.6
526	158.0	1532.6	0.0	0.43696	0.7293E-02	1.35992	0.4818E-02	25.3
526	158.5	1532.0	0.0	0.43691	0.7189E-02	1.35985	0.4767E-02	25.5
526	159.0	1532.2	0.0	0.43694	0.7249E-02	1.35992	0.4824E-02	25.4
526	159.5	1532.4	0.0	0.43693	0.7234E-02	1.35987	0.4784E-02	25.6
526	160.0	1531.6	0.0	0.43691	0.7174E-02	1.35989	0.4801E-02	25.6
526	160.5	1530.4	0.0	0.43692	0.7219E-02	1.35997	0.4858E-02	25.6
526	161.0	1530.2	0.0	0.43692	0.7219E-02	1.35992	0.4818E-02	25.8
526	161.5	1529.2	0.0	0.43701	0.7413E-02	1.35998	0.4864E-02	25.8
526	162.0	1529.2	0.0	0.43696	0.7308E-02	1.36002	0.4898E-02	25.8
526	162.5	1530.8	0.0	0.43702	0.7428E-02	1.36009	0.4943E-02	25.7
526	163.0	1529.6	0.0	0.43698	0.7353E-02	1.36005	0.4921E-02	25.9
526	163.5	1530.0	0.0	0.43694	0.7264E-02	1.36002	0.4898E-02	25.4
526	164.0	1528.0	0.0	0.43707	0.7562E-02	1.36004	0.4909E-02	25.9
526	164.5	1527.2	0.0	0.43700	0.7383E-02	1.36016	0.5000E-02	26.0
526	165.0	1529.0	0.0	0.43705	0.7503E-02	1.36014	0.4983E-02	26.0
526	165.5	1528.8	0.0	0.43700	0.7383E-02	1.36019	0.5023E-02	25.8
526	166.0	1529.4	0.0	0.43706	0.7533E-02	1.36017	0.5006E-02	26.2
526	166.5	1530.4	0.0	0.43704	0.7488E-02	1.36016	0.5000E-02	26.2
526	167.0	1529.4	0.0	0.43710	0.7622E-02	1.36022	0.5046E-02	26.0
526	167.5	1528.8	0.0	0.43713	0.7697E-02	1.36023	0.5052E-02	26.4
526	168.0	1529.6	0.0	0.43710	0.7622E-02	1.36022	0.5046E-02	26.5
526	168.5	1528.6	0.0	0.43718	0.7817E-02	1.36033	0.5126E-02	26.4
526	169.0	1528.4	0.0	0.43705	0.7503E-02	1.36033	0.5126E-02	26.5
526	169.5	1528.2	0.0	0.43726	0.7981E-02	1.36041	0.5183E-02	26.5
526	170.0	1528.4	0.0	0.43711	0.7637E-02	1.36038	0.5160E-02	26.6
526	170.5	1528.4	0.0	0.43719	0.7831E-02	1.36033	0.5126E-02	26.7
526	171.0	1527.4	0.0	0.43709	0.7592E-02	1.36039	0.5166E-02	26.6
526	171.5	1526.8	0.0	0.43720	0.7846E-02	1.36035	0.5137E-02	26.6
526	172.0	1527.2	0.0	0.43720	0.7861E-02	1.36038	0.5160E-02	26.8
526	172.5	1527.4	0.0	0.43727	0.8011E-02	1.36042	0.5189E-02	26.8
526	173.0	1527.2	0.0	0.43719	0.7831E-02	1.36046	0.5217E-02	26.7
526	173.5	1526.8	0.0	0.43723	0.7921E-02	1.36049	0.5246E-02	27.1
526	174.0	1527.4	0.0	0.43726	0.7996E-02	1.36051	0.5257E-02	27.0
526	174.5	1529.2	0.0	0.43730	0.8086E-02	1.36062	0.5337E-02	27.0
526	175.0	1529.8	0.0	0.43722	0.7906E-02	1.36061	0.5331E-02	27.1

526	175.5	1530.2	0.0	0.43725	0.7966E-02	1.36056	0.5291E-02	27.2
526	176.0	1528.2	0.0	0.43731	0.8115E-02	1.36064	0.5354E-02	26.9
526	176.5	1528.4	0.0	0.43735	0.8190E-02	1.36055	0.5286E-02	27.3
526	177.0	1526.8	0.0	0.43735	0.8190E-02	1.36060	0.5325E-02	27.3
526	177.5	1527.2	0.0	0.43731	0.8101E-02	1.36059	0.5314E-02	27.3
526	178.0	1527.0	0.0	0.43733	0.8145E-02	1.36062	0.5337E-02	27.3
526	178.5	1527.6	0.0	0.43727	0.8026E-02	1.36062	0.5337E-02	27.6
526	179.0	1529.2	0.0	0.43737	0.8235E-02	1.36076	0.5439E-02	27.4
526	179.5	1529.4	0.0	0.43723	0.7921E-02	1.36075	0.5434E-02	27.6
526	180.0	1529.8	0.0	0.43737	0.8250E-02	1.36075	0.5434E-02	28.0
526	180.5	1528.0	0.0	0.43750	0.8534E-02	1.36075	0.5434E-02	29.2
526	181.0	1528.8	0.0	0.43741	0.8340E-02	1.36082	0.5485E-02	31.3
526	181.5	1529.2	0.0	0.43744	0.8414E-02	1.36079	0.5462E-02	33.2
526	182.0	1529.4	0.0	0.43751	0.8564E-02	1.36082	0.5485E-02	35.4
526	182.5	1530.6	0.0	0.43753	0.8624E-02	1.36080	0.5468E-02	37.4
526	183.0	1530.2	0.0	0.43748	0.8504E-02	1.36086	0.5514E-02	39.4
526	183.5	1528.8	0.0	0.43753	0.8609E-02	1.36095	0.5582E-02	41.1
526	184.0	1527.6	0.0	0.43757	0.8698E-02	1.36091	0.5553E-02	43.0
526	184.5	1527.8	0.0	0.43761	0.8803E-02	1.36097	0.5593E-02	44.9
526	185.0	1528.6	0.0	0.43755	0.8654E-02	1.36090	0.5542E-02	47.0
526	185.5	1529.2	0.0	0.43764	0.8878E-02	1.36090	0.5546E-02	48.8
526	186.0	1529.0	0.0	0.43741	0.8803E-02	1.36098	0.5605E-02	50.7
526	186.5	1527.6	0.0	0.43757	0.8713E-02	1.36103	0.5639E-02	52.9
526	187.0	1527.0	0.0	0.43766	0.8908E-02	1.36110	0.5690E-02	54.8
526	187.5	1528.0	0.0	0.43775	0.9132E-02	1.36104	0.5650E-02	56.8
526	188.0	1528.8	0.0	0.43777	0.9177E-02	1.36106	0.5662E-02	58.9
526	188.5	1528.4	0.0	0.43766	0.8908E-02	1.36106	0.5662E-02	61.0
526	189.0	1527.2	0.0	0.43779	0.9207E-02	1.36113	0.5713E-02	63.0
526	189.5	1529.0	0.0	0.43774	0.9102E-02	1.36110	0.5696E-02	64.9
526	190.0	1530.0	0.0	0.43776	0.9147E-02	1.36114	0.5725E-02	67.1
526	190.5	1529.8	0.0	0.43772	0.9057E-02	1.36109	0.5685E-02	69.2
526	191.0	1529.2	0.0	0.43778	0.9192E-02	1.36119	0.5759E-02	71.5
526	191.5	1529.4	0.0	0.43776	0.9147E-02	1.36124	0.5793E-02	73.4
526	192.0	1528.2	0.0	0.43782	0.9281E-02	1.36118	0.5753E-02	75.6
526	192.5	1529.0	0.0	0.43783	0.9296E-02	1.36127	0.5816E-02	77.8
526	193.0	1528.6	0.0	0.43779	0.9221E-02	1.36132	0.5856E-02	80.0
526	193.5	1529.0	0.0	0.43778	0.9192E-02	1.36124	0.5793E-02	82.2
526	194.0	1527.8	0.0	0.43782	0.9281E-02	1.36136	0.5884E-02	84.7
526	194.5	1526.8	0.0	0.43788	0.9416E-02	1.36142	0.5930E-02	86.9
526	195.0	1527.4	0.0	0.43790	0.9476E-02	1.36134	0.5867E-02	89.5
526	195.5	1526.4	0.0	0.43795	0.9580E-02	1.36137	0.5890E-02	92.0
526	196.0	1528.6	0.0	0.43797	0.9625E-02	1.36138	0.5901E-02	94.5
526	196.5	1527.8	0.0	0.43804	0.9789E-02	1.36137	0.5896E-02	96.8
526	197.0	1527.8	0.0	0.43796	0.9610E-02	1.36141	0.5918E-02	99.2
526	197.5	1527.4	0.0	0.43807	0.9849E-02	1.36147	0.5970E-02	101.7
526	198.0	1526.8	0.0	0.43804	0.9789E-02	1.36144	0.5947E-02	104.0
526	198.5	1527.2	0.0	0.43802	0.9745E-02	1.36148	0.5975E-02	106.3
526	199.0	1527.0	0.0	0.43810	0.9939E-02	1.36143	0.5936E-02	108.7
526	199.5	1529.2	0.0	0.43820	0.1015E-01	1.36147	0.5964E-02	110.9
526	200.0	1527.8	0.0	0.43817	0.1009E-01	1.36153	0.6010E-02	113.3
526	200.5	1527.8	0.0	0.43827	0.1031E-01	1.36158	0.6044E-02	115.7
526	201.0	1527.6	0.0	0.43817	0.1009E-01	1.36158	0.6050E-02	118.0
526	201.5	1528.0	0.0	0.43823	0.1022E-01	1.36171	0.6141E-02	120.2
526	202.0	1526.8	0.0	0.43826	0.1030E-01	1.36162	0.6078E-02	122.6
526	202.5	1526.6	0.0	0.43831	0.1042E-01	1.36162	0.6078E-02	124.9
526	203.0	1525.4	0.0	0.43821	0.1018E-01	1.36168	0.6118E-02	127.2
526	203.5	1525.6	0.0	0.43834	0.1049E-01	1.36171	0.6141E-02	129.6
526	204.0	1527.6	0.0	0.43847	0.1078E-01	1.36175	0.6175E-02	131.8
526	204.5	1528.8	0.0	0.43840	0.1063E-01	1.36169	0.6129E-02	134.3
526	205.0	1527.8	0.0	0.43853	0.1091E-01	1.36170	0.6135E-02	136.6

526	205.5	1528.2	0.0	0.43857	0.1100E-01	1.36177	0.6186E-02	136.8
526	206.0	1529.0	0.0	0.43862	0.1113E-01	1.36170	0.6135E-02	141.3
526	206.5	1529.2	0.0	0.43856	0.1099E-01	1.36181	0.6215E-02	143.7
526	207.0	1529.6	0.0	0.43867	0.1124E-01	1.36181	0.6221E-02	146.3
526	207.5	1526.0	0.0	0.43877	0.1148E-01	1.36180	0.6209E-02	146.6
526	208.0	1525.0	0.0	0.43877	0.1148E-01	1.36188	0.6272E-02	151.0
526	208.5	1525.4	0.0	0.43886	0.1169E-01	1.36191	0.6295E-02	153.7
526	209.0	1527.8	0.0	0.43880	0.1154E-01	1.36184	0.6238E-02	156.1
526	209.5	1528.8	0.0	0.43890	0.1178E-01	1.36190	0.6283E-02	158.6
526	210.0	1527.0	0.0	0.43893	0.1185E-01	1.36186	0.6255E-02	161.0
526	210.5	1528.6	0.0	0.43895	0.1188E-01	1.36196	0.6329E-02	163.5
526	211.0	1528.0	0.0	0.43901	0.1202E-01	1.36201	0.6363E-02	165.9
526	211.5	1527.6	0.0	0.43903	0.1206E-01	1.36200	0.6357E-02	168.4
526	212.0	1528.8	0.0	0.43905	0.1212E-01	1.36202	0.6374E-02	170.7
526	212.5	1529.0	0.0	0.43908	0.1220E-01	1.36208	0.6420E-02	173.1
526	213.0	1528.4	0.0	0.43908	0.1220E-01	1.36203	0.6340E-02	175.6
526	213.5	1527.8	0.0	0.43925	0.1264E-01	1.36200	0.6357E-02	177.9
526	214.0	1525.6	0.0	0.43927	0.1263E-01	1.36212	0.6449E-02	180.5
526	214.5	1527.8	0.0	0.43936	0.1282E-01	1.36206	0.6403E-02	183.1
526	215.0	1528.8	0.0	0.43938	0.1287E-01	1.36208	0.6420E-02	185.3
526	215.5	1528.6	0.0	0.43943	0.1300E-01	1.36208	0.6420E-02	187.7
526	216.0	1527.8	0.0	0.43948	0.1311E-01	1.36217	0.6483E-02	190.4
526	216.5	1527.6	0.0	0.43952	0.1321E-01	1.36219	0.6500E-02	192.6
526	217.0	1528.0	0.0	0.43958	0.1333E-01	1.36208	0.6420E-02	195.3
526	217.5	1528.2	0.0	0.43962	0.1342E-01	1.36208	0.6420E-02	197.5
526	218.0	1527.0	0.0	0.43962	0.1344E-01	1.36220	0.6506E-02	200.1
526	218.5	1526.2	0.0	0.43976	0.1376E-01	1.36232	0.6591E-02	202.4
526	219.0	1524.6	0.0	0.43971	0.1365E-01	1.36225	0.6540E-02	204.9
526	219.5	1525.8	0.0	0.43991	0.1411E-01	1.36223	0.6528E-02	207.4
526	220.0	1527.2	0.0	0.43993	0.1414E-01	1.36229	0.6568E-02	209.5
526	220.5	1528.4	0.0	0.43994	0.1417E-01	1.36237	0.6631E-02	212.0
526	221.0	1526.2	0.0	0.44003	0.1438E-01	1.36234	0.6608E-02	214.2
526	221.5	1527.8	0.0	0.44006	0.1444E-01	1.36239	0.6648E-02	216.8
526	222.0	1527.2	0.0	0.44015	0.1466E-01	1.36235	0.6620E-02	219.3
526	222.5	1527.8	0.0	0.44018	0.1472E-01	1.36241	0.6640E-02	221.4
526	223.0	1527.0	0.0	0.44027	0.1493E-01	1.36237	0.6631E-02	223.7
526	223.5	1526.6	0.0	0.44032	0.1504E-01	1.36236	0.6625E-02	226.2
526	224.0	1527.0	0.0	0.44045	0.1535E-01	1.36237	0.6631E-02	228.6
526	224.5	1526.6	0.0	0.44054	0.1554E-01	1.36240	0.6654E-02	231.1
526	225.0	1525.6	0.0	0.44063	0.1575E-01	1.36247	0.6705E-02	233.5
526	225.5	1524.6	0.0	0.44062	0.1574E-01	1.36240	0.6654E-02	236.1
526	226.0	1526.0	0.0	0.44069	0.1590E-01	1.36252	0.6745E-02	238.3
526	226.5	1525.8	0.0	0.44078	0.1611E-01	1.36248	0.6711E-02	241.0
526	227.0	1526.6	0.0	0.44095	0.1650E-01	1.36256	0.6768E-02	243.2
526	227.5	1527.0	0.0	0.44098	0.1656E-01	1.36253	0.6751E-02	245.7
526	228.0	1528.0	0.0	0.44108	0.1680E-01	1.36256	0.6774E-02	248.4
526	228.5	1527.2	0.0	0.44108	0.1680E-01	1.36256	0.6766E-02	250.5
526	229.0	1528.2	0.0	0.44126	0.1720E-01	1.36261	0.6808E-02	253.0
526	229.5	1526.0	0.0	0.44132	0.1735E-01	1.36262	0.6819E-02	255.6
526	230.0	1526.2	0.0	0.44138	0.1749E-01	1.36264	0.6831E-02	258.1
526	230.5	1526.6	0.0	0.44144	0.1764E-01	1.36263	0.6825E-02	260.4
526	231.0	1526.4	0.0	0.44153	0.1783E-01	1.36271	0.6882E-02	263.0
526	231.5	1526.6	0.0	0.44159	0.1796E-01	1.36273	0.6896E-02	265.3
526	232.0	1527.4	0.0	0.44171	0.1825E-01	1.36272	0.6888E-02	267.8
526	232.5	1527.2	0.0	0.44180	0.1846E-01	1.36272	0.6888E-02	270.3
526	233.0	1527.2	0.0	0.44191	0.1871E-01	1.36276	0.6922E-02	272.8
526	233.5	1526.2	0.0	0.44201	0.1895E-01	1.36272	0.6893E-02	275.4
526	234.0	1527.4	0.0	0.44220	0.1937E-01	1.36280	0.6950E-02	278.1
526	234.5	1527.4	0.0	0.44222	0.1941E-01	1.36283	0.6966E-02	280.5
526	235.0	1526.8	0.0	0.44227	0.1955E-01	1.36277	0.6928E-02	283.4

526	235.5	1526.8	0.0	0.44245	0.1995E-01	1.36280	0.6950E-02	285.8
526	236.0	1526.6	0.0	0.44244	0.2004E-01	1.36278	0.6933E-02	288.7
526	236.5	1526.8	0.0	0.44263	0.2049E-01	1.36282	0.6962E-02	291.2
526	237.0	1525.4	0.0	0.44273	0.2060E-01	1.36283	0.6973E-02	293.9
526	237.5	1526.0	0.0	0.44296	0.2113E-01	1.36286	0.6996E-02	296.7
526	238.0	1526.8	0.0	0.44302	0.2127E-01	1.36306	0.7134E-02	299.3
526	238.5	1526.4	0.0	0.44315	0.2157E-01	1.36302	0.7110E-02	302.1
526	239.0	1525.2	0.0	0.44330	0.2191E-01	1.36285	0.6985E-02	304.8
526	239.5	1525.6	0.0	0.44347	0.2231E-01	1.36296	0.7064E-02	307.5
526	240.0	1525.4	0.0	0.44357	0.2254E-01	1.36296	0.7070E-02	310.0
526	240.5	1526.2	0.0	0.44373	0.2290E-01	1.36298	0.7082E-02	312.7
526	241.0	1526.8	0.0	0.44380	0.2308E-01	1.36301	0.7104E-02	315.4
526	241.5	1526.0	0.0	0.44389	0.2329E-01	1.36303	0.7116E-02	318.1
526	242.0	1525.6	0.0	0.44408	0.2370E-01	1.36302	0.7110E-02	320.7
526	242.5	1526.8	0.0	0.44419	0.2397E-01	1.36304	0.7127E-02	323.3
526	243.0	1525.8	0.0	0.44444	0.2454E-01	1.36306	0.7139E-02	326.2
526	243.5	1527.4	0.0	0.44456	0.2482E-01	1.36303	0.7116E-02	328.4
526	244.0	1527.4	0.0	0.44468	0.2509E-01	1.36313	0.7196E-02	331.3
526	244.5	1527.8	0.0	0.44493	0.2566E-01	1.36305	0.7133E-02	334.1
526	245.0	1526.8	0.0	0.44496	0.2575E-01	1.36312	0.7184E-02	336.8
526	245.5	1527.6	0.0	0.44521	0.2632E-01	1.36313	0.7190E-02	339.3
526	246.0	1528.2	0.0	0.44534	0.2662E-01	1.36321	0.7253E-02	341.4
526	246.5	1528.2	0.0	0.44557	0.2714E-01	1.36316	0.7218E-02	344.2
526	247.0	1527.6	0.0	0.44579	0.2765E-01	1.36315	0.7207E-02	347.1
526	247.5	1524.8	0.0	0.44593	0.2798E-01	1.36329	0.7310E-02	349.3
526	248.0	1523.4	0.0	0.44610	0.2837E-01	1.36323	0.7270E-02	352.1
526	248.5	1524.0	0.0	0.44627	0.2877E-01	1.36316	0.7218E-02	354.6
526	249.0	1524.8	0.0	0.44646	0.2920E-01	1.36323	0.7270E-02	357.1
526	249.5	1522.2	0.0	0.44670	0.2974E-01	1.36323	0.7264E-02	359.7
526	250.0	1524.4	0.0	0.44688	0.3018E-01	1.36320	0.7247E-02	362.1
526	250.5	1524.4	0.0	0.44712	0.3071E-01	1.36325	0.7281E-02	364.7
526	251.0	1527.4	0.0	0.44736	0.3128E-01	1.36336	0.7361E-02	367.3
526	251.5	1527.8	0.0	0.44751	0.3161E-01	1.36331	0.7327E-02	370.0
526	252.0	1527.2	0.0	0.44780	0.3230E-01	1.36327	0.7298E-02	372.5
526	252.5	1525.0	0.0	0.44806	0.3288E-01	1.36331	0.7327E-02	374.9
526	253.0	1523.8	0.0	0.44823	0.3328E-01	1.36335	0.7355E-02	377.7
526	253.5	1527.0	0.0	0.44842	0.3372E-01	1.29501	0.4314E-01	380.3
526	254.0	1526.8	0.0	0.44871	0.3439E-01	1.36343	0.7418E-02	383.1
526	254.5	1526.0	0.0	0.44889	0.3481E-01	1.36327	0.7298E-02	385.5
526	255.0	1525.8	0.0	0.44924	0.3560E-01	1.36343	0.7412E-02	388.0
526	255.5	1527.8	0.0	0.44953	0.3627E-01	1.36333	0.7344E-02	390.8
526	256.0	1527.8	0.0	0.44979	0.3689E-01	1.36343	0.7412E-02	393.3
526	256.5	1528.8	0.0	0.45006	0.3750E-01	1.36343	0.7412E-02	395.7
526	257.0	1528.6	0.0	0.45042	0.3834E-01	1.36346	0.7435E-02	398.4
526	257.5	1527.6	0.0	0.45065	0.3886E-01	1.36347	0.7441E-02	400.9
526	258.0	1526.6	0.0	0.45101	0.3968E-01	1.36347	0.7441E-02	403.7
526	258.5	1526.8	0.0	0.45125	0.4023E-01	1.36348	0.7452E-02	406.3
526	259.0	1527.0	0.0	0.45163	0.4112E-01	1.36353	0.7338E-02	408.7
526	259.5	1527.6	0.0	0.45194	0.4193E-01	1.36346	0.7435E-02	411.4
526	260.0	1526.8	0.0	0.45228	0.4263E-01	1.36346	0.7435E-02	413.8
526	260.5	1528.4	0.0	0.45267	0.4352E-01	1.36348	0.7452E-02	416.0
526	261.0	1529.0	0.0	0.45296	0.4419E-01	1.36350	0.7464E-02	418.7
526	261.5	1529.0	0.0	0.45336	0.4511E-01	1.36352	0.7481E-02	421.2
526	262.0	1528.8	0.0	0.45378	0.4606E-01	1.36354	0.7492E-02	423.6
526	262.5	1528.4	0.0	0.45418	0.4700E-01	1.36358	0.7526E-02	426.1
526	263.0	1527.8	0.0	0.45455	0.4784E-01	1.36358	0.7526E-02	429.1
526	263.5	1528.2	0.0	0.45502	0.4893E-01	1.36347	0.7441E-02	431.9
526	264.0	1526.8	0.0	0.45542	0.4984E-01	1.36349	0.7458E-02	434.4
526	264.5	1528.2	0.0	0.45582	0.5077E-01	1.36351	0.7475E-02	437.2
526	265.0	1524.8	0.0	0.45627	0.5182E-01	1.36350	0.7469E-02	440.0

526	265.5	1526.6	0.0	0.45672	0.5285E-01	1.36359	0.7532E-02	442.6
526	266.0	1527.8	0.0	0.45724	0.5406E-01	1.36356	0.7504E-02	445.9
526	266.5	1528.6	0.0	0.45873	0.5289E-01	1.36354	0.7498E-02	448.6
526	267.0	1529.8	0.0	0.45835	0.5660E-01	1.36362	0.7555E-02	451.4
526	267.5	1529.4	0.0	0.45892	0.5793E-01	1.36368	0.7600E-02	454.5
526	268.0	1529.8	0.0	0.45942	0.5908E-01	1.36362	0.7555E-02	457.4
526	268.5	1530.4	0.0	0.46003	0.6049E-01	1.36361	0.7549E-02	460.3
526	269.0	1531.0	0.0	0.46062	0.6185E-01	1.36366	0.7583E-02	463.2
526	269.5	1530.4	0.0	0.46129	0.6338E-01	1.36352	0.7481E-02	465.9
526	270.0	1529.4	0.0	0.46198	0.6474E-01	1.36352	0.7481E-02	468.6
526	270.5	1529.0	0.0	0.46253	0.6625E-01	1.36367	0.7595E-02	471.5
526	271.0	1528.8	0.0	0.46327	0.6794E-01	1.36361	0.7549E-02	474.3
526	271.5	1529.8	0.0	0.46399	0.6960E-01	1.36368	0.7600E-02	476.9
526	272.0	1530.2	0.0	0.46471	0.7128E-01	1.36364	0.7572E-02	479.7
526	272.5	1528.2	0.0	0.46556	0.7322E-01	1.36368	0.7600E-02	482.7
526	273.0	1530.2	0.0	0.46639	0.7515E-01	1.36363	0.7560E-02	485.5
526	273.5	1530.4	0.0	0.46724	0.7710E-01	1.36364	0.7572E-02	488.2
526	274.0	1532.0	0.0	0.46808	0.7903E-01	1.36373	0.7635E-02	490.7
526	274.5	1530.4	0.0	0.46899	0.8114E-01	1.36373	0.7635E-02	493.1
526	275.0	1529.8	0.0	0.47005	0.8358E-01	1.36374	0.7640E-02	495.8
526	275.5	1531.2	0.0	0.47098	0.8571E-01	1.36382	0.7703E-02	498.4
526	276.0	1531.4	0.0	0.47203	0.8813E-01	1.36377	0.7669E-02	500.9
526	276.5	1531.0	0.0	0.47317	0.9078E-01	1.36383	0.7709E-02	503.5
526	277.0	1531.6	0.0	0.47428	0.9334E-01	1.36373	0.7635E-02	506.1
526	277.5	1530.2	0.0	0.47542	0.9597E-01	1.36379	0.7680E-02	508.7
526	278.0	1530.2	0.0	0.47675	0.9903E-01	1.36377	0.7669E-02	511.3
526	278.5	1532.0	0.0	0.47807	0.1021E+00	1.36390	0.7760E-02	513.8
526	279.0	1532.0	0.0	0.47935	0.1050E+00	1.36386	0.7732E-02	516.4
526	279.5	1532.4	0.0	0.48110	0.1091E+00	1.36392	0.7777E-02	519.1
526	280.0	1532.2	0.0	0.48258	0.1125E+00	1.36398	0.7823E-02	521.8
526	280.5	1528.2	0.0	0.48432	0.1165E+00	1.36401	0.7840E-02	524.4
526	281.0	1527.6	0.0	0.48594	0.1202E+00	1.36404	0.7868E-02	527.1
526	281.5	1529.8	0.0	0.48773	0.1243E+00	1.36431	0.8068E-02	529.9
526	282.0	1531.6	0.0	0.48985	0.1292E+00	1.36425	0.8017E-02	532.4
526	282.5	1533.2	0.0	0.49207	0.1343E+00	1.36442	0.8148E-02	535.1
526	283.0	1533.2	0.0	0.49448	0.1399E+00	1.36446	0.8176E-02	538.1
526	283.5	1533.6	0.0	0.49709	0.1459E+00	1.36456	0.8250E-02	540.4
526	284.0	1534.0	0.0	0.49995	0.1525E+00	1.36480	0.8427E-02	543.2
526	284.5	1532.2	0.0	0.50329	0.1602E+00	1.36503	0.8598E-02	545.8
526	285.0	1533.8	0.0	0.50694	0.1686E+00	1.32286	0.2256E-01	548.5
526	285.5	1531.6	0.0	0.51139	0.1789E+00	1.36597	0.9244E-02	551.0
526	286.0	1529.8	0.0	0.51701	0.1918E+00	1.36681	0.9910E-02	553.8
526	286.5	1530.4	0.0	0.52474	0.2098E+00	1.36857	0.1121E-01	556.2
526	287.0	1531.4	0.0	0.53918	0.2429E+00	1.37781	0.1804E-01	558.5

527	174.0	402.4	0.0	0.43456	0.1913E-0240.83194	0.1115E-02	4.3
527	176.5	403.0	0.0	0.43461	0.2033E-0240.83100	0.1093E-02	4.3
527	177.0	402.2	0.0	0.43457	0.1943E-0240.83264	0.1133E-02	4.0
527	177.5	402.4	0.0	0.43458	0.1973E-0240.83031	0.1076E-02	4.2
527	178.0	402.6	0.0	0.43458	0.1958E-0240.83170	0.1110E-02	4.3
527	178.5	406.2	0.0	0.43465	0.2123E-0240.83380	0.1161E-02	4.3
527	179.0	451.0	0.0	0.43475	0.2347E-0240.84524	0.1442E-02	4.5
527	179.5	521.6	0.0	0.43479	0.2452E-0240.85244	0.1630E-02	5.3
527	180.0	567.2	0.0	0.43484	0.2661E-0240.86250	0.1865E-02	5.6
527	180.5	653.2	0.0	0.43510	0.3154E-0240.87417	0.2151E-02	6.1
527	181.0	720.8	0.0	0.43519	0.3378E-0240.88257	0.2357E-02	6.4
527	181.5	789.8	0.0	0.43529	0.3602E-0240.88840	0.2500E-02	6.7
527	182.0	858.6	0.0	0.43545	0.3961E-0240.89657	0.2700E-02	6.9
527	182.5	926.6	0.0	0.43557	0.4245E-0240.90590	0.2929E-02	7.1
527	183.0	995.0	0.0	0.43572	0.4589E-0240.91314	0.3106E-02	7.3
527	183.5	1062.2	0.0	0.43589	0.4993E-0240.92177	0.3318E-02	7.6
527	184.0	1129.4	0.0	0.43602	0.5292E-0240.93227	0.3576E-02	7.7
527	184.5	1194.2	0.0	0.43625	0.5815E-0240.94090	0.3767E-02	7.9
527	185.0	1257.4	0.0	0.43632	0.5964E-0240.94790	0.3959E-02	8.0
527	185.5	1319.8	0.0	0.43643	0.6218E-0240.95514	0.4136E-02	7.9
527	186.0	1376.0	0.0	0.43646	0.6308E-0240.96447	0.4365E-02	8.0
527	186.5	1428.2	0.0	0.43670	0.6861E-0240.96867	0.4468E-02	8.0
527	187.0	1478.6	0.0	0.43674	0.6951E-0240.97777	0.4691E-02	8.3
527	187.5	1522.0	0.0	0.43687	0.7235E-0240.98057	0.4760E-02	8.2
527	188.0	1550.6	0.0	0.43683	0.7145E-0240.98524	0.4874E-02	8.5
527	188.5	1562.2	0.0	0.43686	0.6756E-0240.98920	0.4971E-02	8.4
527	189.0	1565.6	0.0	0.43672	0.6891E-0240.99154	0.5029E-02	8.6
527	189.5	1567.2	0.0	0.43653	0.6458E-0240.99550	0.5126E-02	8.5
527	190.0	1568.0	0.0	0.43667	0.6786E-0240.99760	0.5177E-02	8.5
527	190.5	1569.6	0.0	0.43661	0.6652E-0241.00274	0.5303E-02	8.4
527	191.0	1570.6	0.0	0.43655	0.6502E-0241.00764	0.5423E-02	8.6
527	191.5	1570.2	0.0	0.43650	0.6398E-0241.01114	0.5509E-02	8.6
527	192.0	1571.8	0.0	0.43648	0.6353E-0241.01230	0.5538E-02	8.5
527	192.5	1572.2	0.0	0.43645	0.6263E-0241.01464	0.5595E-02	8.5
527	193.0	1572.6	0.0	0.43644	0.6248E-0241.01837	0.5686E-02	8.7
527	193.5	1573.4	0.0	0.43637	0.6084E-0241.02257	0.5789E-02	8.8
527	194.0	1573.8	0.0	0.43640	0.6159E-0241.02094	0.5749E-02	8.7
527	194.5	1574.4	0.0	0.43641	0.6188E-0241.02327	0.5807E-02	8.8
527	195.0	1575.0	0.0	0.43635	0.6054E-0241.02770	0.5915E-02	8.7
527	195.5	1575.4	0.0	0.43620	0.5695E-0241.02700	0.5898E-02	8.6
527	196.0	1576.4	0.0	0.43635	0.6054E-0241.02957	0.5961E-02	8.8
527	196.5	1576.2	0.0	0.43627	0.5860E-0241.03120	0.6001E-02	8.9
527	197.0	1576.8	0.0	0.43637	0.6084E-0241.03471	0.6087E-02	8.7
527	197.5	1576.6	0.0	0.43631	0.5944E-0241.03727	0.6190E-02	8.9
527	198.0	1577.0	0.0	0.43646	0.6308E-0241.03984	0.6213E-02	8.9
527	198.5	1577.4	0.0	0.43631	0.5949E-0241.04171	0.6259E-02	9.0
527	199.0	1577.4	0.0	0.43642	0.6203E-0241.04591	0.6362E-02	8.9
527	199.5	1577.4	0.0	0.43636	0.6069E-0241.04707	0.6390E-02	8.9
527	200.0	1578.0	0.0	0.43632	0.5979E-0241.05034	0.6470E-02	8.9
527	200.5	1578.4	0.0	0.43634	0.6024E-0237.76617	-7.405E-01	9.0
527	201.0	1578.6	0.0	0.43628	0.5989E-0241.05430	0.6567E-02	9.1
527	201.5	1578.8	0.0	0.43636	0.6064E-0241.05780	0.6653E-02	8.9
527	202.0	1578.4	0.0	0.43627	0.5860E-0241.05897	0.6682E-02	8.9
527	202.5	1578.6	0.0	0.43630	0.5919E-0241.06293	0.6779E-02	9.0
527	203.0	1579.4	0.0	0.43618	0.5650E-0241.06293	0.6779E-02	9.0
527	203.5	1579.4	0.0	0.43631	0.5949E-0241.06364	0.6796E-02	9.0
527	204.0	1584.2	0.0	0.43636	0.6069E-0241.06854	0.6916E-02	26.1
527	204.5	1585.8	0.0	0.43627	0.5867E-0241.07063	0.6968E-02	26.2
527	205.0	1585.0	0.0	0.43624	0.5785E-0241.07344	0.7037E-02	26.3
527	205.5	1584.2	0.0	0.43638	0.6114E-0241.07425	0.7057E-02	26.4

527	206.0	1583.4	0.0	0.43621	0.5710E-0241.07671	0.7117E-02	26.5
527	206.5	1583.6	0.0	0.43643	0.6233E-0241.07763	0.7140E-02	26.5
527	207.0	1583.2	0.0	0.43643	0.6213E-0241.08090	0.7220E-02	26.7
527	207.5	1583.8	0.0	0.43635	0.6054E-0241.08091	0.7220E-02	26.8
527	208.0	1584.0	0.0	0.43663	0.6697E-0241.08463	0.7311E-02	26.9
527	208.5	1583.2	0.0	0.43648	0.6338E-0241.08430	0.7426E-02	27.1
527	209.0	1583.8	0.0	0.43654	0.6577E-0241.08977	0.7437E-02	27.8
527	209.5	1583.6	0.0	0.43659	0.6592E-0241.08930	0.7426E-02	24.5
527	210.0	1583.8	0.0	0.43654	0.6487E-0241.09373	0.7534E-02	31.5
527	210.5	1583.8	0.0	0.43641	0.6173E-0241.09631	0.7597E-02	33.6
527	211.0	1583.6	0.0	0.43650	0.6383E-0241.09747	0.7626E-02	35.6
527	211.5	1584.4	0.0	0.43686	0.7220E-0241.09887	0.7660E-02	37.5
527	212.0	1585.4	0.0	0.43674	0.6951E-0241.10470	0.7803E-02	39.5
527	212.5	1585.4	0.0	0.43673	0.6913E-0241.10447	0.7797E-02	41.1
527	213.0	1586.0	0.0	0.43674	0.6936E-0241.10773	0.7878E-02	43.2
527	213.5	1586.2	0.0	0.43685	0.7197E-0241.10644	0.7895E-02	45.1
527	214.0	1586.8	0.0	0.43697	0.7466E-0241.11124	0.7963E-02	46.9
527	214.5	1587.4	0.0	0.43692	0.7354E-0241.11404	0.8032E-02	48.6
527	215.0	1587.6	0.0	0.43708	0.7726E-0241.11544	0.8066E-02	50.3
527	215.5	1587.8	0.0	0.43704	0.7623E-0241.11660	0.8095E-02	52.2
527	216.0	1588.2	0.0	0.43719	0.7982E-0241.12104	0.8204E-02	53.9
527	216.5	1588.4	0.0	0.43715	0.7878E-0241.12057	0.8192E-02	55.6
527	217.0	1589.2	0.0	0.43724	0.8087E-0241.12173	0.8221E-02	57.6
527	217.5	1589.4	0.0	0.43731	0.8251E-0241.12780	0.8370E-02	59.5
527	218.0	1589.8	0.0	0.43746	0.8603E-0241.12687	0.8347E-02	61.4
527	218.5	1590.0	0.0	0.43746	0.8595E-0241.12851	0.8387E-02	63.2
527	219.0	1590.6	0.0	0.43748	0.8655E-0241.13177	0.8467E-02	65.3
527	219.5	1590.6	0.0	0.43768	0.9118E-0241.13457	0.8535E-02	67.2
527	220.0	1590.8	0.0	0.43782	0.9432E-0241.13620	0.8576E-02	69.1
527	220.5	1590.8	0.0	0.43781	0.9402E-0241.13573	0.8564E-02	71.1
527	221.0	1592.2	0.0	0.44169	0.1836E-0141.14087	0.8690E-02	73.0
527	221.5	1592.0	0.0	0.43790	0.9612E-0241.14040	0.8678E-02	75.1
527	222.0	1592.6	0.0	0.43799	0.9836E-0241.14484	0.8787E-02	77.0
527	222.5	1593.0	0.0	0.43780	0.9395E-0241.14764	0.8856E-02	78.9
527	223.0	1593.4	0.0	0.43807	0.1002E-0141.14927	0.8896E-02	81.1
527	223.5	1593.8	0.0	0.43808	0.1003E-0141.14997	0.8913E-02	83.1
527	224.0	1594.2	0.0	0.43823	0.1039E-0141.15324	0.8993E-02	85.2
527	224.5	1594.0	0.0	0.43830	0.1053E-0141.15580	0.9056E-02	87.3
527	225.0	1595.0	0.0	0.43833	0.1060E-0141.15813	0.9113E-02	89.2
527	225.5	1595.2	0.0	0.43843	0.1084E-0141.15930	0.9142E-02	91.3
527	226.0	1596.0	0.0	0.43846	0.1091E-0141.16024	0.9165E-02	93.1
527	226.5	1596.4	0.0	0.43857	0.1117E-0141.16210	0.9211E-02	95.3
527	227.0	1596.0	0.0	0.43863	0.1131E-0141.16513	0.9285E-02	97.5
527	227.5	1596.2	0.0	0.43868	0.1142E-0141.16840	0.9365E-02	99.5
527	228.0	1597.4	0.0	0.43887	0.1185E-0141.16840	0.9365E-02	101.8
527	228.5	1597.6	0.0	0.43888	0.1188E-0141.16934	0.9388E-02	103.8
527	229.0	1599.0	0.0	0.43880	0.1170E-0141.17354	0.9491E-02	105.8
527	229.5	1599.2	0.0	0.43887	0.1185E-0141.17634	0.9560E-02	108.0
527	230.0	1599.0	0.0	0.43886	0.1184E-0141.17564	0.9542E-02	110.2
527	230.5	1599.4	0.0	0.43888	0.1188E-0141.17914	0.9628E-02	112.1
527	231.0	1599.8	0.0	0.43916	0.1253E-0141.17867	0.9617E-02	114.4
527	231.5	1600.4	0.0	0.43907	0.1232E-0141.18170	0.9691E-02	116.5
527	232.0	1600.2	0.0	0.43919	0.1259E-0141.18427	0.9754E-02	118.8
527	232.5	1600.0	0.0	0.43952	0.1335E-0141.18801	0.9846E-02	121.0
527	233.0	1600.4	0.0	0.43952	0.1336E-0141.18707	0.9823E-02	123.5
527	233.5	1600.8	0.0	0.43958	0.1348E-0141.18707	0.9823E-02	125.5
527	234.0	1601.0	0.0	0.43970	0.1377E-0141.19127	0.9926E-02	127.8
527	234.5	1600.0	0.0	0.43977	0.1393E-0141.19174	0.9937E-02	129.7
527	235.0	1600.2	0.0	0.43986	0.1413E-0141.19267	0.9960E-02	132.1
527	235.5	1600.6	0.0	0.44014	0.1478E-0141.19640	0.1005E-01	134.4

527	236.0	1600.2	0.0	0.44003	0.1453E-0141.19431	0.1000E-01	136.5
527	236.5	1600.4	0.0	0.44022	0.1496E-0141.19674	0.1011E-01	139.1
527	237.0	1600.0	0.0	0.44043	0.1544E-0141.19940	0.9999E+04	141.4
527	237.5	1600.0	0.0	0.44051	0.1564E-0141.20154	0.1018E-01	143.9
527	238.0	1601.4	0.0	0.44068	0.1602E-0141.20340	0.1022E-01	146.2
527	238.5	1601.0	0.0	0.44075	0.1616E-0141.20387	0.1023E-01	148.7
527	239.0	1601.0	0.0	0.44084	0.1650E-0141.20690	0.1031E-01	150.9
527	239.5	1600.6	0.0	0.44102	0.1680E-0141.20924	0.1037E-01	153.3
527	240.0	1599.8	0.0	0.44114	0.1709E-0141.21134	0.1042E-01	155.5
527	240.5	1598.8	0.0	0.44148	0.1786E-0141.21344	0.1047E-01	157.5
527	241.0	1599.4	0.0	0.44173	0.1845E-0141.21530	0.1051E-01	160.0
527	241.5	1600.8	0.0	0.44164	0.1825E-0141.21391	0.1048E-01	162.3
527	242.0	1600.6	0.0	0.44188	0.1879E-0140.77407	0.3033E-03	164.6
527	242.5	1601.0	0.0	0.44204	0.1916E-0141.21764	0.1057E-01	167.0
527	243.0	1599.4	0.0	0.44214	0.1939E-0141.21717	0.1056E-01	169.4
527	243.5	1600.2	0.0	0.44223	0.1961E-0141.21951	0.1062E-01	171.7
527	244.0	1600.2	0.0	0.44247	0.2016E-0141.22160	0.1067E-01	174.1
527	244.5	1599.6	0.0	0.44260	0.2046E-0141.22417	0.1073E-01	176.5
527	245.0	1600.0	0.0	0.44279	0.2090E-0141.22417	0.1073E-01	178.7
527	245.5	1600.0	0.0	0.44293	0.2121E-0141.22487	0.1075E-01	181.1
527	246.0	1599.8	0.0	0.44310	0.2160E-0141.22697	0.1080E-01	183.4
527	246.5	1600.8	0.0	0.44315	0.2171E-0141.22954	0.1086E-01	185.6
527	247.0	1599.4	0.0	0.44347	0.2247E-0141.22954	0.1086E-01	187.8
527	247.5	1600.2	0.0	0.44365	0.2288E-0141.23257	0.1094E-01	190.3
527	248.0	1599.6	0.0	0.44391	0.2347E-0141.23140	0.1091E-01	192.6
527	248.5	1599.2	0.0	0.44412	0.2396E-0141.23397	0.1097E-01	195.1
527	249.0	1599.4	0.0	0.44446	0.2474E-0141.23350	0.1096E-01	197.5
527	249.5	1600.4	0.0	0.44453	0.2491E-0141.23630	0.1103E-01	200.0
527	250.0	1600.6	0.0	0.44481	0.2555E-0141.23933	0.1110E-01	202.3
527	250.5	1600.4	0.0	0.44482	0.2558E-0141.23980	0.1112E-01	204.5
527	251.0	1600.8	0.0	0.44535	0.2680E-0141.24050	0.1113E-01	207.0
527	251.5	1599.6	0.0	0.44537	0.2685E-0141.24050	0.1113E-01	209.4
527	252.0	1599.8	0.0	0.44558	0.2733E-0141.24424	0.1122E-01	211.8
527	252.5	1600.4	0.0	0.44572	0.2765E-0141.24377	0.1121E-01	214.2
527	253.0	1599.2	0.0	0.44593	0.2813E-0141.24611	0.1127E-01	216.7
527	253.5	1599.8	0.0	0.44617	0.2869E-0141.25147	0.1140E-01	218.9
527	254.0	1599.6	0.0	0.44637	0.2914E-0141.25124	0.1140E-01	221.4
527	254.5	1599.0	0.0	0.44657	0.2960E-0141.24891	0.1134E-01	223.8
527	255.0	1600.8	0.0	0.44682	0.3019E-0141.25147	0.1140E-01	226.2
527	255.5	1600.0	0.0	0.44709	0.3081E-0141.25404	0.1146E-01	228.8
527	256.0	1601.2	0.0	0.44735	0.3141E-0141.25544	0.1150E-01	231.2
527	256.5	1600.8	0.0	0.44742	0.3157E-0141.25684	0.1153E-01	233.6
527	257.0	1600.0	0.0	0.44799	0.3287E-0141.25871	0.1158E-01	236.1
527	257.5	1600.8	0.0	0.44836	0.3374E-0141.26150	0.1165E-01	238.5
527	258.0	1600.2	0.0	0.44876	0.3466E-0141.26197	0.1166E-01	241.1
527	258.5	1600.0	0.0	0.44895	0.3510E-0141.26291	0.1168E-01	243.2
527	259.0	1600.0	0.0	0.44937	0.3607E-0141.26524	0.1174E-01	246.0
527	259.5	1599.4	0.0	0.44963	0.3665E-0141.26827	0.1181E-01	248.4
527	260.0	1599.8	0.0	0.44994	0.3738E-0141.26757	0.1180E-01	250.8
527	260.5	1600.4	0.0	0.45064	0.3900E-0141.26991	0.1185E-01	253.3
527	261.0	1600.4	0.0	0.45057	0.3882E-0141.27154	0.1189E-01	255.9
527	261.5	1601.0	0.0	0.45096	0.3973E-0141.27411	0.1196E-01	258.5
527	262.0	1601.2	0.0	0.45134	0.4061E-0141.27364	0.1195E-01	260.9
527	262.5	1600.4	0.0	0.45187	0.4183E-0141.27504	0.1198E-01	263.4
527	263.0	1600.8	0.0	0.45201	0.4214E-0141.27457	0.1197E-01	266.0
527	263.5	1601.2	0.0	0.45252	0.4332E-0141.27830	0.1206E-01	268.3
527	264.0	1600.4	0.0	0.45303	0.4450E-0141.27877	0.1207E-01	271.0
527	264.5	1599.8	0.0	0.45326	0.4502E-0141.27900	0.1208E-01	273.0
527	265.0	1600.2	0.0	0.45379	0.4625E-0141.28040	0.1211E-01	276.3
527	265.5	1601.4	0.0	0.45409	0.4695E-0141.28320	0.1218E-01	278.9

527	266.0	1601.2	0.0	0.45473	0.4842E-0141.28460	0.1221E-01	281.7
527	266.5	1602.4	0.0	0.45513	0.4934E-0141.28717	0.1228E-01	284.1
527	267.0	1602.4	0.0	0.45547	0.5037E-0141.28647	0.1226E-01	287.2
527	267.5	1601.6	0.0	0.45601	0.5138E-0141.28904	0.1232E-01	289.6
527	268.0	1601.6	0.0	0.45664	0.5283E-0141.28950	0.1233E-01	292.2
527	268.5	1600.6	0.0	0.45720	0.5411E-0141.29090	0.1237E-01	294.7
527	269.0	1601.0	0.0	0.45768	0.5522E-0141.29067	0.1238E-01	297.3
527	269.5	1601.4	0.0	0.45813	0.5625E-0141.29417	0.1245E-01	300.0
527	270.0	1601.2	0.0	0.45874	0.5767E-0141.29464	0.1246E-01	302.6
527	270.5	1601.6	0.0	0.45920	0.5873E-0141.29627	0.1250E-01	305.0
527	271.0	1600.4	0.0	0.45985	0.6023E-0141.29650	0.1251E-01	307.8
527	271.5	1601.6	0.0	0.46061	0.6199E-0141.30001	0.1259E-01	310.6
527	272.0	1601.2	0.0	0.46109	0.6310E-0141.30187	0.1264E-01	313.3
527	272.5	1601.4	0.0	0.46180	0.6472E-0141.30421	0.1269E-01	315.6
527	273.0	1601.6	0.0	0.46251	0.6635E-0141.30444	0.1270E-01	318.3
527	273.5	1600.8	0.0	0.46374	0.6919E-0141.30630	0.1275E-01	321.1
527	274.0	1601.0	0.0	0.46397	0.6973E-0141.30887	0.1281E-01	323.7
527	274.5	1601.6	0.0	0.46460	0.7117E-0141.30724	0.1277E-01	326.4
527	275.0	1601.8	0.0	0.46590	0.7325E-0141.31097	0.1286E-01	329.1
527	275.5	1601.0	0.0	0.46631	0.7513E-0141.31260	0.1290E-01	331.8
527	276.0	1601.2	0.0	0.46707	0.7687E-0141.31517	0.1296E-01	334.5
527	276.5	1601.0	0.0	0.46864	0.8049E-0141.31587	0.1298E-01	337.0
527	277.0	1602.2	0.0	0.46911	0.8157E-0141.31844	0.1304E-01	339.6
527	277.5	1602.4	0.0	0.47000	0.8363E-0141.32193	0.1313E-01	342.3
527	278.0	1602.6	0.0	0.47177	0.8770E-0141.32170	0.1312E-01	345.1
527	278.5	1602.6	0.0	0.47203	0.8830E-0139.59084	-0.2931E-01	347.5
527	279.0	1601.8	0.0	0.47321	0.9102E-0141.32707	0.1326E-01	350.1
527	279.5	1602.8	0.0	0.47453	0.9407E-0141.32800	0.1328E-01	352.8
527	280.0	1602.6	0.0	0.47591	0.9724E-0141.33267	0.1339E-01	355.2
527	280.5	1601.0	0.0	0.47716	0.1001E+0041.33197	0.1338E-01	357.5
527	281.0	1601.6	0.0	0.47929	0.1050E+0041.33757	0.1351E-01	360.2
527	281.5	1602.0	0.0	0.48012	0.1070E+0041.34177	0.1362E-01	362.8
527	282.0	1601.4	0.0	0.48179	0.1108E+0041.34550	0.1371E-01	365.3
527	282.5	1600.2	0.0	0.48360	0.1150E+0041.35110	0.1384E-01	367.6
527	283.0	1601.0	0.0	0.48561	0.1196E+0041.35577	0.1396E-01	370.3
527	283.5	1601.4	0.0	0.48809	0.1253E+0041.36254	0.1412E-01	372.7
527	284.0	1601.2	0.0	0.49144	0.1331E+0041.37280	0.1438E-01	375.5
527	284.5	1601.6	0.0	0.49385	0.1386E+0041.38144	0.1459E-01	377.7
527	285.0	1601.6	0.0	0.49834	0.1490E+0041.39824	0.1500E-01	380.8
527	285.5	1602.8	0.0	0.50477	0.1638E+0041.42624	0.1569E-01	383.2
527	286.0	1601.6	0.0	0.51838	0.1952E+0041.53707	0.1840E-01	389.3
527	286.5	1408.2	0.0	0.51720	0.1925E+00-0.999900	-0.9999E+04	370.9
527	287.0	1312.6	0.0	0.51688	0.1917E+00-0.999900	-0.9999E+04	371.9
527	287.5	1252.0	0.0	0.51661	0.1911E+00-0.999900	-0.9999E+04	373.1
527	288.0	1215.0	0.0	0.51623	0.1902E+00-0.999900	-0.9999E+04	374.9
527	288.5	1180.6	0.0	0.51611	0.1899E+00-0.999900	-0.9999E+04	377.2
527	289.0	1225.6	0.0	0.51666	0.1912E+0041.99580	0.2065E-01	1.8
527	289.5	1338.6	0.0	0.51913	0.1969E+0041.98040	0.2927E-01	1.5
527	290.0	1409.8	0.0	0.51964	0.1981E+0041.97107	0.2904E-01	1.3
527	290.5	1454.6	0.0	0.51968	0.1982E+0041.95030	0.2854E-01	1.4
527	291.0	1453.0	0.0	0.51974	0.1983E+0041.93864	0.2825E-01	1.4
527	291.5	1437.2	0.0	0.51970	0.1982E+0041.92860	0.2800E-01	1.4
527	292.0	1418.4	0.0	0.51961	0.1980E+0041.91951	0.2778E-01	1.4

528	174.5	348.6	0.0	0.43445	0.1150E-0241.66541	0.8744E-03	4.1
528	175.0	350.4	0.0	0.43441	0.1061E-0241.66774	0.9305E-03	4.1
528	175.5	352.2	0.0	0.43445	0.1165E-0241.66704	0.9137E-03	4.0
528	176.0	354.2	0.0	0.43444	0.1135E-0241.66634	0.8969E-03	4.2
528	176.5	354.4	0.0	0.43445	0.1165E-0241.66750	0.9248E-03	4.1
528	177.0	356.8	0.0	0.43444	0.1121E-0241.66563	0.8800E-03	4.2
528	177.5	358.0	0.0	0.43444	0.1136E-0241.66961	0.9753E-03	4.1
528	178.0	360.0	0.0	0.43442	0.1091E-0241.66797	0.9361E-03	4.3
528	178.5	360.8	0.0	0.43447	0.1210E-0241.66937	0.9697E-03	4.2
528	179.0	361.8	0.0	0.43444	0.1136E-0241.66843	0.9473E-03	4.3
528	179.5	363.2	0.0	0.43444	0.1135E-0241.66820	0.9416E-03	4.4
528	180.0	363.8	0.0	0.43444	0.1121E-0241.66610	0.8912E-03	4.4
528	180.5	364.8	0.0	0.43447	0.1195E-0241.66774	0.9305E-03	4.4
528	181.0	365.6	0.0	0.43445	0.1150E-0241.66690	0.9585E-03	4.4
528	181.5	366.8	0.0	0.43446	0.1180E-0241.66820	0.9416E-03	4.3
528	182.0	367.2	0.0	0.43444	0.1120E-0241.66879	0.9557E-03	4.5
528	182.5	367.8	0.0	0.43447	0.1195E-0241.66983	0.9809E-03	4.4
528	183.0	369.4	0.0	0.43444	0.1121E-0241.66843	0.9473E-03	4.4
528	183.5	369.4	0.0	0.43442	0.1076E-0241.66774	0.9305E-03	4.3
528	184.0	370.4	0.0	0.43448	0.1225E-0241.67147	0.1020E-02	4.4
528	184.5	371.2	0.0	0.43447	0.1210E-0241.66727	0.9193E-03	4.4
528	185.0	372.4	0.0	0.43453	0.1330E-0241.66844	0.9474E-03	4.4
528	185.5	372.6	0.0	0.43449	0.1240E-0241.66867	0.9529E-03	4.3
528	186.0	372.6	0.0	0.43447	0.1210E-0241.66797	0.9361E-03	4.4
528	186.5	374.0	0.0	0.43445	0.1150E-0241.66796	0.9360E-03	4.3
528	187.0	374.4	0.0	0.43447	0.1210E-0241.66937	0.9697E-03	4.3
528	187.5	375.4	0.0	0.43451	0.1300E-0241.66843	0.9473E-03	4.4
528	188.0	375.0	0.0	0.43447	0.1210E-0241.66890	0.9585E-03	4.5
528	188.5	376.2	0.0	0.43451	0.1245E-0241.66727	0.9193E-03	4.5
528	189.0	376.4	0.0	0.43446	0.1180E-0241.66843	0.9473E-03	4.5
528	189.5	377.2	0.0	0.43449	0.1255E-0241.66964	0.9809E-03	4.4
528	190.0	377.2	0.0	0.43447	0.1195E-0239.61230	-0.4844E-01	4.3
528	190.5	378.2	0.0	0.43440	0.1046E-0241.66984	0.9809E-03	4.3
528	191.0	378.6	0.0	0.43447	0.1195E-0241.66890	0.9585E-03	4.4
528	191.5	378.2	0.0	0.43442	0.1076E-0241.66843	0.9473E-03	4.4
528	192.0	379.2	0.0	0.43443	0.1106E-0241.66961	0.9753E-03	4.4
528	192.5	379.0	0.0	0.43447	0.1210E-0241.66750	0.9248E-03	4.6
528	193.0	379.6	0.0	0.43442	0.1091E-0241.66867	0.9529E-03	4.5
528	193.5	380.2	0.0	0.43449	0.1255E-0241.67030	0.9921E-03	4.4
528	194.0	379.8	0.0	0.43449	0.1240E-0241.67194	0.1031E-02	4.5
528	194.5	380.4	0.0	0.43448	0.1225E-0241.67357	0.1071E-02	4.7
528	195.0	380.8	0.0	0.43449	0.1240E-0241.67205	0.1034E-02	4.6
528	195.5	380.6	0.0	0.43445	0.1150E-0241.67194	0.1031E-02	4.4
528	196.0	381.0	0.0	0.43444	0.1136E-0241.66984	0.9809E-03	4.6
528	196.5	381.4	0.0	0.43446	0.1180E-0241.67124	0.1015E-02	4.6
528	197.0	382.0	0.0	0.43447	0.1210E-0241.67007	0.9866E-03	4.6
528	197.5	381.8	0.0	0.43442	0.1076E-0241.66937	0.9697E-03	4.6
528	198.0	382.6	0.0	0.43445	0.1150E-0241.67124	0.1015E-02	4.6
528	198.5	382.4	0.0	0.43449	0.1255E-0241.67101	0.1009E-02	4.6
528	199.0	383.2	0.0	0.43444	0.1121E-0241.66867	0.9529E-03	4.6
528	199.5	383.0	0.0	0.43447	0.1195E-0241.67030	0.9921E-03	4.7
528	200.0	383.2	0.0	0.43447	0.1195E-0241.67030	0.9921E-03	4.5
528	200.5	383.2	0.0	0.43445	0.1165E-0241.66961	0.9753E-03	4.6
528	201.0	383.2	0.0	0.43446	0.1180E-0241.66914	0.9642E-03	4.4
528	201.5	383.6	0.0	0.43447	0.1210E-0241.66961	0.9753E-03	4.5
528	202.0	383.4	0.0	0.43449	0.1240E-0241.66949	0.9725E-03	4.6
528	202.5	384.6	0.0	0.43449	0.1255E-0241.67147	0.1020E-02	4.6
528	203.0	384.0	0.0	0.43452	0.1315E-0241.67263	0.1040E-02	4.7
528	203.5	384.0	0.0	0.43447	0.1195E-0241.67007	0.9866E-03	4.7
528	204.0	384.8	0.0	0.43448	0.1225E-0241.67194	0.1031E-02	4.6

528	204.5	384.2	0.0	0.43445	0.1150E+0241.67450	0.1093E+02	4.7
528	205.0	384.2	0.0	0.43449	0.1240E+0241.67357	0.1071E+02	4.7
528	205.5	384.2	0.0	0.43449	0.1255E+0241.67077	0.1003E+02	4.6
528	206.0	385.0	0.0	0.43444	0.1136E+0241.66621	0.0941E+03	4.6
528	206.5	384.2	0.0	0.43448	0.1225E+0241.66984	0.0809E+03	4.7
528	207.0	384.4	0.0	0.43450	0.1270E+0241.67404	0.1082E+02	4.6
528	207.5	385.2	0.0	0.43453	0.1330E+0241.67404	0.1082E+02	4.5
528	208.0	385.0	0.0	0.43453	0.1330E+0241.67264	0.1048E+02	4.7
528	208.5	385.2	0.0	0.43447	0.1210E+0241.67217	0.1037E+02	4.8
528	209.0	384.8	0.0	0.43446	0.1180E+0241.67543	0.1115E+02	4.8
528	209.5	385.6	0.0	0.43449	0.1255E+0241.67170	0.1026E+02	4.6
528	210.0	385.4	0.0	0.43449	0.1255E+0241.67170	0.1026E+02	4.6
528	210.5	385.4	0.0	0.43447	0.1210E+0241.67264	0.1048E+02	4.7
528	211.0	385.4	0.0	0.43442	0.1091E+0241.67267	0.1054E+02	4.7
528	211.5	385.4	0.0	0.43450	0.1270E+0241.67030	0.0921E+03	4.7
528	212.0	385.2	0.0	0.43436	0.0941E+0341.67590	0.1127E+02	4.7
528	212.5	385.2	0.0	0.43431	0.0836E+0341.73424	0.2528E+02	4.6
528	213.0	385.8	0.0	0.43420	0.0827E+03-0.99900	-0.9994E+04	4.6
528	213.5	385.8	0.0	0.43431	0.0836E+0341.66470	0.0857E+03	4.6
528	214.0	385.8	0.0	0.43431	0.0836E+0338.56405	-0.7363E+01	4.7
528	214.5	386.2	0.0	0.43441	0.1061E+0241.67030	0.0921E+03	4.6
528	215.0	384.8	0.0	0.43437	0.0712E+03-0.99900	-0.9994E+04	4.6
528	215.5	385.4	0.0	0.43422	0.0275E+0339.50707	-0.5097E+01	4.6
528	216.0	385.0	0.0	0.43442	0.1076E+0241.83014	0.0483E+02	4.7
528	216.5	385.6	0.0	0.43451	0.1300E+0239.55700	-0.4977E+01	4.6
528	217.0	386.0	0.0	0.43445	0.1165E+0241.67101	0.1009E+02	4.6
528	217.5	386.0	0.0	0.43438	0.0986E+0341.67777	0.1172E+02	4.6
528	218.0	386.0	0.0	0.43438	0.0986E+0341.67194	0.1031E+02	4.7
528	218.5	386.2	0.0	0.43431	0.0822E+0341.67101	0.1009E+02	4.7
528	219.0	386.0	0.0	0.43438	0.1001E+0240.65810	-0.2332E+01	4.7
528	219.5	386.0	0.0	0.43435	0.0918E+0339.54184	-0.5014E+01	4.6
528	220.0	385.4	0.0	0.43426	0.0717E+0341.68465	0.1337E+02	4.5
528	220.5	386.0	0.0	0.43444	0.1120E+0238.40655	-0.7741E+01	4.8
528	221.0	386.0	0.0	0.43442	0.1076E+0239.04379	-0.6210E+01	4.7
528	221.5	386.4	0.0	0.43425	0.0947E+0341.67264	0.1048E+02	4.6
528	222.0	386.0	0.0	0.43432	0.0851E+0341.78044	0.3638E+02	4.7
528	222.5	386.2	0.0	0.43424	0.0672E+0340.64270	-0.2369E+01	4.7
528	223.0	386.0	0.0	0.43438	0.1001E+02-0.99900	-0.9994E+04	4.6
528	223.5	386.2	0.0	-0.99900	-0.9994E+04-0.99900	-0.9994E+04	4.6
528	224.0	386.2	0.0	0.43433	0.0986E+0341.66890	0.0958E+03	4.6
528	224.5	386.2	0.0	0.43428	0.0720E+0341.76344	0.3234E+02	4.6
528	225.0	386.4	0.0	0.43442	0.1091E+0241.85370	0.5398E+02	4.7
528	225.5	386.0	0.0	0.43436	0.0941E+0341.81287	0.4417E+02	4.7
528	226.0	386.4	0.0	0.43435	0.0926E+0341.75990	0.3144E+02	4.6
528	226.5	386.2	0.0	0.43446	0.1180E+0238.67827	-0.7088E+01	4.7
528	227.0	386.8	0.0	0.43442	0.1076E+0240.84167	-0.1771E+01	4.7
528	227.5	386.2	0.0	0.43438	0.1001E+0240.36375	-0.3039E+01	4.8
528	228.0	386.0	0.0	0.43432	0.0851E+0340.69870	-0.2235E+01	4.4
528	228.5	386.4	0.0	0.43442	0.1076E+0241.67521	0.1110E+02	4.5
528	229.0	385.8	0.0	0.43463	0.1569E+0241.66855	0.0950E+03	4.6
528	229.5	387.0	0.0	0.43420	0.0567E+0341.67590	0.1127E+02	4.7
528	230.0	386.6	0.0	0.43444	0.1121E+0241.67941	0.1211E+02	4.7
528	230.5	387.0	0.0	0.43444	0.1121E+0241.76305	0.3220E+02	4.7
528	231.0	386.4	0.0	0.43435	0.0918E+0341.66821	0.0417E+03	4.7
528	231.5	386.4	0.0	0.43430	0.0968E+0341.69516	0.1589E+02	4.8
528	232.0	387.0	0.0	0.43434	0.0896E+0338.69110	-0.7057E+01	4.6
528	232.5	386.6	0.0	0.43434	0.0846E+0341.67404	0.1082E+02	4.6
528	233.0	386.8	0.0	0.43445	0.1165E+02-0.99900	-0.9994E+04	4.7
528	233.5	386.6	0.0	0.43419	0.0560E+0341.74194	0.2713E+02	4.7
528	234.0	387.4	0.0	0.43429	0.0784E+03-0.99900	-0.9994E+04	4.8

528	119.5	396.6	0.0	0.43462	0.1000E-0240.90007	0.1108E-02	4.0
528	120.0	396.8	0.0	0.43464	0.1045E-0240.90147	0.1142E-02	4.2
528	120.5	397.0	0.0	0.43463	0.1015E-0240.90007	0.1106E-02	4.1
528	121.0	396.8	0.0	0.43462	0.9856E-0340.90030	0.1114E-02	4.0
528	121.5	396.8	0.0	0.43461	0.9706E-0340.90170	0.1148E-02	4.1
528	122.0	396.2	0.0	0.43461	0.9706E-0340.90147	0.1142E-02	4.1
528	122.5	396.6	0.0	0.43459	0.9258E-0340.89867	0.1074E-02	4.2
528	123.0	397.0	0.0	0.43453	0.7914E-0340.89797	0.1057E-02	4.1
528	123.5	397.0	0.0	0.43464	0.1045E-0240.89820	0.1062E-02	4.2
528	124.0	414.0	0.0	0.43475	0.1299E-0240.90497	0.1228E-02	4.3
528	124.5	477.0	0.0	0.43486	0.1553E-0240.91430	0.1456E-02	4.7
528	125.0	547.2	0.0	0.43497	0.1792E-0240.92200	0.1645E-02	5.3
528	125.5	613.8	0.0	0.43508	0.2061E-0240.93250	0.1902E-02	5.8
528	126.0	680.2	0.0	0.43522	0.2374E-0240.93904	0.2062E-02	6.0
528	126.5	748.6	0.0	0.43532	0.2598E-0240.94767	0.2273E-02	6.3
528	127.0	817.0	0.0	0.43546	0.2927E-0240.96027	0.2582E-02	6.4
528	127.5	884.6	0.0	0.43562	0.3285E-0240.96564	0.2713E-02	6.8
528	128.0	953.8	0.0	0.43576	0.3629E-0240.97964	0.3056E-02	7.2
528	128.5	1020.8	0.0	0.43591	0.3972E-0240.98220	0.3118E-02	7.3
528	129.0	1089.0	0.0	0.43605	0.4286E-0240.99177	0.3353E-02	7.6
528	129.5	1154.2	0.0	0.43617	0.4554E-0241.00157	0.3592E-02	7.6
528	130.0	1219.0	0.0	0.43632	0.4913E-0241.00427	0.3781E-02	7.9
528	130.5	1282.4	0.0	0.43644	0.5181E-0241.01463	0.3912E-02	7.7
528	131.0	1342.2	0.0	0.43657	0.5480E-0241.02491	0.4164E-02	7.9
528	131.5	1397.0	0.0	0.43665	0.5674E-0241.03260	0.4352E-02	8.0
528	132.0	1447.4	0.0	0.43676	0.5913E-0241.04310	0.4609E-02	8.1
528	132.5	1496.2	0.0	0.43682	0.6062E-0241.04520	0.4660E-02	8.3
528	133.0	1541.4	0.0	0.43689	0.6227E-0241.05220	0.4832E-02	8.3
528	133.5	1577.8	0.0	0.43674	0.5913E-0241.05220	0.4832E-02	8.3
528	134.0	1601.2	0.0	0.43678	0.5973E-0241.05593	0.4923E-02	8.4
528	134.5	1614.8	0.0	0.43670	0.5779E-0241.06340	0.5106E-02	8.6
528	135.0	1625.0	0.0	0.43665	0.5659E-0241.07017	0.5272E-02	8.5
528	135.5	1633.6	0.0	0.43670	0.5779E-0241.07507	0.5391E-02	8.7
528	136.0	1643.2	0.0	0.43675	0.5898E-0241.09140	0.5791E-02	8.9
528	136.5	1653.2	0.0	0.43698	0.6436E-0241.09887	0.5974E-02	8.8
528	137.0	1660.3	0.0	0.43701	0.6495E-0241.11101	0.6271E-02	8.9
528	137.5	1669.2	0.0	0.43707	0.6645E-0241.11894	0.6465E-02	9.0
528	138.0	1675.2	0.0	0.43713	0.6779E-0241.13130	0.6768E-02	8.9
528	138.5	1681.0	0.0	0.43726	0.7063E-0241.13620	0.6888E-02	8.9
528	139.0	1685.8	0.0	0.43719	0.6914E-0241.14507	0.7105E-02	9.2
528	139.5	1690.0	0.0	0.43734	0.7257E-0241.15067	0.7242E-02	8.9
528	140.0	1695.6	0.0	0.43728	0.7123E-0241.15160	0.7265E-02	9.1
528	140.5	1698.0	0.0	0.43733	0.7242E-0241.15160	0.7265E-02	9.0
528	141.0	1701.0	0.0	0.43737	0.7317E-0241.16001	0.7470E-02	12.0
528	141.5	1701.2	0.0	0.43739	0.7362E-0241.15254	0.7288E-02	12.0
528	142.0	1701.2	0.0	0.43731	0.7197E-0241.15673	0.7390E-02	12.0
528	142.5	1701.6	0.0	0.43733	0.7227E-0241.15534	0.7356E-02	12.3
528	143.0	1701.2	0.0	0.43741	0.7421E-0241.16117	0.7499E-02	12.3
528	143.5	1699.2	0.0	0.43745	0.7511E-0241.15790	0.7419E-02	12.6
528	144.0	1697.4	0.0	0.43748	0.7585E-0241.16210	0.7522E-02	13.2
528	144.5	1696.6	0.0	0.43751	0.7660E-0241.16047	0.7482E-02	14.4
528	145.0	1695.6	0.0	0.43746	0.7526E-0241.16257	0.7533E-02	16.2
528	145.5	1696.4	0.0	0.43753	0.7705E-0241.16420	0.7573E-02	17.9
528	146.0	1697.0	0.0	0.43755	0.7735E-0241.15930	0.7453E-02	19.6
528	146.5	1697.4	0.0	0.43755	0.7735E-0241.16560	0.7607E-02	21.4
528	147.0	1696.6	0.0	0.43764	0.7944E-0241.16117	0.7494E-02	22.9
528	147.5	1695.6	0.0	0.43767	0.8026E-0241.16513	0.7596E-02	24.8
528	148.0	1695.8	0.0	0.43764	0.8048E-0241.16397	0.7567E-02	26.0
528	148.5	1697.4	0.0	0.43779	0.8302E-0241.16560	0.7607E-02	27.6
528	149.0	1696.6	0.0	0.43769	0.8063E-0241.16290	0.7539E-02	29.4

528	149.5	1697.0	0.0	0.43778	0.8272E-0241.16630	0.7625E-02	31.0
528	150.0	1695.4	0.0	0.43774	0.8183E-0241.16257	0.7533E-02	32.6
528	150.5	1696.0	0.0	0.43787	0.8481E-0241.16887	0.7687E-02	34.3
528	151.0	1696.4	0.0	0.43788	0.8496E-0241.16817	0.7670E-02	36.1
528	151.5	1697.4	0.0	0.43801	0.8810E-0241.16934	0.7699E-02	37.9
528	152.0	1698.0	0.0	0.43794	0.8631E-0241.16677	0.7636E-02	39.8
528	152.5	1697.4	0.0	0.43809	0.8974E-0241.16817	0.7670E-02	41.5
528	153.0	1698.0	0.0	0.43807	0.8829E-0241.16840	0.7678E-02	43.4
528	153.5	1698.0	0.0	0.43807	0.8944E-0241.16677	0.7636E-02	45.3
528	154.0	1697.8	0.0	0.43809	0.8974E-0241.16934	0.7699E-02	47.3
528	154.5	1697.2	0.0	0.43819	0.9213E-0241.16373	0.7562E-02	49.1
528	155.0	1696.6	0.0	0.43821	0.9258E-0241.16584	0.7613E-02	50.9
528	155.5	1696.2	0.0	0.43824	0.9332E-0241.16444	0.7579E-02	52.9
528	156.0	1695.6	0.0	0.43827	0.9392E-0241.16397	0.7567E-02	54.8
528	156.5	1696.4	0.0	0.43835	0.9586E-0241.16093	0.7493E-02	56.8
528	157.0	1696.4	0.0	0.43838	0.9646E-0241.16071	0.7488E-02	58.7
528	157.5	1697.4	0.0	0.43849	0.9915E-0241.15860	0.7436E-02	60.7
528	158.0	1698.2	0.0	0.43856	0.1006E-0141.16140	0.7509E-02	62.7
528	158.5	1698.2	0.0	0.43851	0.9945E-0241.16327	0.7550E-02	64.8
528	159.0	1699.0	0.0	0.43860	0.1015E-0141.15954	0.7459E-02	66.8
528	159.5	1698.6	0.0	0.43863	0.1023E-0141.15580	0.7368E-02	68.7
528	160.0	1699.2	0.0	0.43879	0.1060E-0141.15907	0.7448E-02	70.6
528	160.5	1697.0	0.0	0.43869	0.1038E-0141.15673	0.7390E-02	72.6
528	161.0	1697.0	0.0	0.43881	0.1065E-0141.15673	0.7390E-02	74.6
528	161.5	1696.8	0.0	0.43888	0.1081E-0141.15371	0.7316E-02	76.6
528	162.0	1696.4	0.0	0.43898	0.1103E-0141.15230	0.7282E-02	78.6
528	162.5	1697.0	0.0	0.43884	0.1071E-0141.14904	0.7202E-02	80.5
528	163.0	1697.0	0.0	0.43906	0.1123E-0141.15253	0.7288E-02	82.6
528	163.5	1697.6	0.0	0.43904	0.1117E-0141.15440	0.7333E-02	84.8
528	164.0	1697.2	0.0	0.43914	0.1139E-0141.15347	0.7310E-02	86.5
528	164.5	1697.6	0.0	0.43923	0.1162E-0141.14927	0.7208E-02	88.8
528	165.0	1698.8	0.0	0.43928	0.1172E-0141.14997	0.7225E-02	90.7
528	165.5	1699.8	0.0	0.43934	0.1186E-0141.15487	0.7345E-02	92.8
528	166.0	1700.2	0.0	0.43934	0.1187E-0141.15417	0.7328E-02	95.1
528	166.5	1699.4	0.0	0.43952	0.1227E-0141.14997	0.7225E-02	96.9
528	167.0	1699.2	0.0	0.43949	0.1220E-0141.14951	0.7213E-02	99.0
528	167.5	1698.8	0.0	0.43955	0.1235E-0141.15091	0.7248E-02	101.5
528	168.0	1698.6	0.0	0.43966	0.1260E-0141.14764	0.7168E-02	103.5
528	168.5	1699.8	0.0	0.43966	0.1260E-0141.14764	0.7168E-02	105.8
528	169.0	1698.4	0.0	0.43979	0.1290E-0141.14927	0.7208E-02	107.7
528	169.5	1698.8	0.0	0.43993	0.1323E-0141.15207	0.7276E-02	110.0
528	170.0	1698.6	0.0	0.43993	0.1321E-0141.14927	0.7208E-02	112.2
528	170.5	1698.2	0.0	0.44004	0.1347E-0141.15254	0.7288E-02	114.3
528	171.0	1698.6	0.0	0.44006	0.1351E-0141.15207	0.7276E-02	116.6
528	171.5	1698.0	0.0	0.44012	0.1366E-0141.15207	0.7276E-02	118.9
528	172.0	1699.0	0.0	0.44015	0.1374E-0141.14857	0.7190E-02	121.2
528	172.5	1699.2	0.0	0.44029	0.1402E-0141.14834	0.7185E-02	123.4
528	173.0	1698.2	0.0	0.44027	0.1401E-0141.15020	0.7230E-02	125.8
528	173.5	1698.8	0.0	0.44026	0.1399E-0141.14950	0.7213E-02	128.1
528	174.0	1697.6	0.0	0.44041	0.1433E-0141.14927	0.7208E-02	129.9
528	174.5	1697.0	0.0	0.44035	0.1441E-0141.14810	0.7179E-02	132.5
528	175.0	1697.4	0.0	0.44055	0.1465E-0141.14973	0.7219E-02	134.8
528	175.5	1697.6	0.0	0.44057	0.1471E-0141.14833	0.7165E-02	137.1
528	176.0	1698.4	0.0	0.44079	0.1520E-0141.14787	0.7173E-02	139.3
528	176.5	1698.2	0.0	0.44087	0.1536E-0141.14927	0.7208E-02	141.8
528	177.0	1699.0	0.0	0.44089	0.1544E-0141.14601	0.7128E-02	144.0
528	177.5	1698.6	0.0	0.44096	0.1559E-0141.14834	0.7195E-02	146.3
528	178.0	1698.2	0.0	0.44114	0.1601E-0141.14507	0.7105E-02	148.7
528	178.5	1698.8	0.0	0.44115	0.1604E-0141.14927	0.7208E-02	151.0
528	179.0	1697.0	0.0	0.44118	0.1611E-0141.14647	0.7139E-02	153.3

528	179.5	1697.0	0.0	0.44133	0.1646E-0141.14391	0.7076E-02	155.6
528	180.0	1698.0	0.0	0.44138	0.1656E-0141.14671	0.7145E-02	158.1
528	180.5	1697.4	0.0	0.44151	0.1646E-0141.14577	0.7122E-02	160.5
528	181.0	1698.6	0.0	0.44157	0.1701E-0141.14367	0.7071E-02	163.1
528	181.5	1698.8	0.0	0.44163	0.1714E-0141.14320	0.7059E-02	165.5
528	182.0	1697.6	0.0	0.44176	0.1744E-0141.14507	0.7105E-02	167.7
528	182.5	1696.8	0.0	0.44182	0.1757E-0141.14134	0.7014E-02	170.2
528	183.0	1698.4	0.0	0.44201	0.1802E-0141.14693	0.7151E-02	172.5
528	183.5	1698.2	0.0	0.44200	0.1799E-0141.14600	0.7128E-02	174.9
528	184.0	1698.0	0.0	0.44219	0.1843E-0141.13970	0.6973E-02	177.2
528	184.5	1697.0	0.0	0.44218	0.1841E-0141.14040	0.6991E-02	179.6
528	185.0	1696.4	0.0	0.44236	0.1881E-0141.14460	0.7093E-02	181.9
528	185.5	1696.0	0.0	0.44239	0.1889E-0141.14367	0.7071E-02	184.3
528	186.0	1697.8	0.0	0.44249	0.1913E-0141.13993	0.6979E-02	187.0
528	186.5	1698.2	0.0	0.44267	0.1953E-0141.14227	0.7036E-02	189.1
528	187.0	1694.2	0.0	0.44264	0.1947E-0141.14297	0.7053E-02	191.6
528	187.5	1699.4	0.0	0.44275	0.1973E-0141.14484	0.7099E-02	194.0
528	188.0	1699.6	0.0	0.44297	0.2023E-0141.14297	0.7053E-02	196.4
528	188.5	1700.2	0.0	0.44314	0.2061E-0141.14320	0.7059E-02	199.0
528	189.0	1700.0	0.0	0.44321	0.2077E-0141.14973	0.7219E-02	201.5
528	189.5	1700.0	0.0	0.44345	0.2134E-0141.15417	0.7328E-02	203.8
528	190.0	1700.0	0.0	0.44351	0.2147E-0141.15954	0.7459E-02	206.5
528	190.5	1698.8	0.0	0.44381	0.2216E-0141.15860	0.7436E-02	208.7
528	191.0	1699.8	0.0	0.44404	0.2270E-0141.16373	0.7562E-02	211.3
528	191.5	1699.2	0.0	0.44439	0.2350E-0141.17027	0.7722E-02	213.8
528	192.0	1697.8	0.0	0.44461	0.2401E-0141.18007	0.7962E-02	216.2
528	192.5	1699.2	0.0	0.44526	0.2550E-0141.18660	0.8121E-02	218.7
528	193.0	1699.4	0.0	0.44580	0.2674E-0141.19897	0.8424E-02	220.9
528	193.5	1698.6	0.0	0.44640	0.2813E-0141.21250	0.8755E-02	223.5
528	194.0	1698.6	0.0	0.44742	0.3048E-0141.23117	0.9212E-02	225.9
528	194.5	1699.6	0.0	0.44853	0.3303E-0141.24844	0.9635E-02	228.4
528	195.0	1700.0	0.0	0.45010	0.3664E-0141.27621	0.1031E-01	230.6
528	195.5	1701.0	0.0	0.45218	0.4144E-0141.31424	0.1125E-01	233.5
528	196.0	1699.6	0.0	0.45527	0.4856E-0141.36254	0.1243E-01	235.9
528	196.5	1700.0	0.0	0.46070	0.6106E-0141.45821	0.1477E-01	238.4
528	197.0	1542.6	0.0	0.46480	0.7051E-0141.64721	0.1940E-01	230.3
528	197.5	1373.8	0.0	0.46444	0.6967E-0141.64230	0.1928E-01	232.2
528	198.0	1311.6	0.0	0.46432	0.6940E-0141.70554	0.2082E-01	234.0
528	198.5	1273.4	0.0	0.46423	0.6920E-0141.71697	0.2110E-01	235.9
528	199.0	1238.0	0.0	0.46408	0.6684E-0141.66400	0.1981E-01	239.3
528	199.5	1205.0	0.0	0.46373	0.6803E-0141.67824	0.2016E-01	239.1
528	200.0	1242.2	0.0	0.46426	0.6925E-0141.64965	0.1946E-01	1.8
528	200.5	1360.2	0.0	0.46447	0.6973E-0141.65607	0.1961E-01	1.3
528	201.0	1425.4	0.0	0.46478	0.7045E-0141.65257	0.1953E-01	1.4
528	201.5	1465.8	0.0	0.46500	0.7096E-0141.64814	0.1942E-01	1.3
528	202.0	1477.2	0.0	0.46482	0.7054E-0141.64953	0.1945E-01	1.2
528	202.5	1466.0	0.0	0.46487	0.7066E-0141.64067	0.1924E-01	1.3
528	203.0	1451.2	0.0	0.46482	0.7054E-0141.64417	0.1932E-01	1.2

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F.: Biaxial Ramp Temperature Strain Data Zry-4
(In 6.5×10^{-5} atm air)

182	639.5	605.5	10.9	0.43498	0.2203E-02	1.20656	0.1580E-02	9.5
182	640.0	605.6	11.9	0.43405	0.2188E-02	1.20658	0.1590E-02	9.5
182	640.5	605.9	11.1	0.43447	0.2173E-02	1.20659	0.1590E-02	8.5
182	641.0	605.5	11.3	0.43499	0.2233E-02	1.20655	0.1573E-02	10.0
182	641.5	605.4	11.3	0.43493	0.2196E-02	1.20658	0.1590E-02	10.0
182	642.0	605.1	11.3	0.43496	0.2165E-02	1.20661	0.1610E-02	8.5
182	642.5	605.4	11.0	0.43497	0.2188E-02	1.20658	0.1590E-02	9.2
182	643.0	605.9	11.4	0.43497	0.2188E-02	1.20654	0.1560E-02	9.5
182	643.5	605.6	11.3	0.43498	0.2211E-02	1.20661	0.1622E-02	10.3
182	644.0	605.3	11.4	0.43498	0.2203E-02	1.20656	0.1583E-02	355.3
182	644.5	605.1	11.5	0.43498	0.2203E-02	1.20655	0.1573E-02	1393.9
182	645.0	605.4	11.0	0.43498	0.2146E-02	1.20655	0.1573E-02	1396.8
182	645.5	605.4	11.7	0.43498	0.2173E-02	1.20655	0.1573E-02	1399.3
182	646.0	605.6	10.8	0.43497	0.2188E-02	1.20653	0.1550E-02	1401.0
182	646.5	605.3	11.2	0.43496	0.2165E-02	1.20653	0.1557E-02	1404.4
182	647.0	605.6	11.1	0.43498	0.2196E-02	1.20649	0.1522E-02	1403.9
182	647.5	605.0	11.5	0.43496	0.2165E-02	1.20650	0.1528E-02	1403.9
182	648.0	605.1	10.9	0.43494	0.2114E-02	1.20653	0.1557E-02	1403.4
182	648.5	604.9	11.3	0.43495	0.2146E-02	1.20651	0.1538E-02	1402.4
182	649.0	604.9	10.7	0.43495	0.2129E-02	1.20649	0.1525E-02	1404.2
182	649.5	605.3	11.0	0.43497	0.2174E-02	1.20653	0.1550E-02	1404.6
182	650.0	605.4	11.2	0.43493	0.2099E-02	1.20654	0.1563E-02	1403.7
182	650.5	605.0	11.1	0.43497	0.2181E-02	1.20647	0.1505E-02	1405.1
182	651.0	605.3	10.5	0.43494	0.2114E-02	1.20652	0.1544E-02	1404.6
182	651.5	605.4	10.9	0.43495	0.2143E-02	1.20680	0.1528E-02	1406.1
182	652.0	604.8	11.1	0.43496	0.2151E-02	1.20654	0.1560E-02	1405.9
182	652.5	605.6	11.6	0.43495	0.2136E-02	1.20650	0.1531E-02	1406.6
182	653.0	604.5	11.8	0.43495	0.2129E-02	1.20656	0.1583E-02	1405.9
182	653.5	605.4	11.1	0.43495	0.2136E-02	1.20649	0.1518E-02	1406.3
182	654.0	605.5	11.0	0.43495	0.2136E-02	1.20651	0.1534E-02	1405.9
182	654.5	605.6	10.7	0.43496	0.2166E-02	1.20650	0.1531E-02	1404.9
182	655.0	605.8	10.6	0.43498	0.2203E-02	1.20651	0.1541E-02	1405.6
182	655.5	605.1	11.4	0.43497	0.2173E-02	1.20653	0.1557E-02	1405.6
182	656.0	605.1	11.5	0.43499	0.2218E-02	1.20657	0.1586E-02	1406.6
182	656.5	605.1	11.2	0.43495	0.2136E-02	1.20649	0.1522E-02	1404.6
182	657.0	604.9	10.7	0.43493	0.2091E-02	1.20644	0.1477E-02	1404.9
182	657.5	605.3	11.3	0.43494	0.2121E-02	1.20641	0.1457E-02	1405.1
182	658.0	605.2	10.8	0.43494	0.2121E-02	1.20655	0.1573E-02	1404.6
182	658.5	605.2	10.7	0.43498	0.2203E-02	1.20654	0.1560E-02	1403.4
182	659.0	604.9	10.8	0.43496	0.2211E-02	1.20664	0.1644E-02	1404.6
182	659.5	605.0	11.2	0.43499	0.2226E-02	1.20659	0.1605E-02	1404.6
182	660.0	604.7	11.1	0.43497	0.2181E-02	1.20649	0.1518E-02	1403.4
182	660.5	604.9	10.9	0.43496	0.2166E-02	1.20649	0.1525E-02	1405.1
182	661.0	604.8	10.8	0.43496	0.2196E-02	1.20647	0.1502E-02	1404.4
182	661.5	605.3	10.9	0.43497	0.2173E-02	1.20650	0.1528E-02	1404.4
182	662.0	604.8	11.1	0.43497	0.2188E-02	1.20657	0.1586E-02	1404.4
182	662.5	605.3	10.5	0.43498	0.2196E-02	1.20660	0.1612E-02	1403.9
182	663.0	605.2	11.2	0.43498	0.2203E-02	1.20653	0.1557E-02	1404.4
182	663.5	605.0	11.6	0.43494	0.2121E-02	1.20654	0.1560E-02	1404.4
182	664.0	605.2	11.0	0.43496	0.2151E-02	1.20656	0.1580E-02	1404.4
182	664.5	605.9	10.9	0.43496	0.2203E-02	1.20655	0.1570E-02	1404.4
182	665.0	606.2	10.7	0.43495	0.2136E-02	1.20657	0.1564E-02	1403.9
182	665.5	606.8	11.2	0.43494	0.2196E-02	1.20654	0.1563E-02	1403.4
182	666.0	607.2	10.7	0.43497	0.2161E-02	1.20655	0.1573E-02	1403.9
182	666.5	608.9	11.0	0.43496	0.2151E-02	1.20657	0.1594E-02	1404.4
182	667.0	609.8	10.8	0.43499	0.2214E-02	1.20654	0.1560E-02	1404.6
182	667.5	610.0	11.0	0.43498	0.2203E-02	1.20658	0.1594E-02	1404.4
182	668.0	612.6	11.2	0.43498	0.2121E-02	1.20655	0.1570E-02	1406.1
182	668.5	614.0	11.3	0.43498	0.2196E-02	1.20652	0.1547E-02	1406.3
182	669.0	615.6	10.6	0.43499	0.2233E-02	1.20656	0.1592E-02	1406.1

182	669.5	617.5	11.1	0.43497	0.2188E-02	1.20657	0.1586E-02	1404.2
182	670.0	619.1	11.3	0.43501	0.2271E-02	1.20657	0.1599E-02	1406.1
182	670.5	621.1	10.9	0.43502	0.2245E-02	1.20660	0.1615E-02	1407.4
182	671.0	623.0	10.9	0.43501	0.2271E-02	1.20661	0.1622E-02	1408.5
182	671.5	624.9	10.7	0.43503	0.2315E-02	1.20663	0.1634E-02	1409.3
182	672.0	627.7	11.0	0.43502	0.2293E-02	1.20661	0.1622E-02	1409.3
182	672.5	630.1	11.1	0.43498	0.2211E-02	1.20660	0.1607E-02	1409.6
182	673.0	632.1	10.9	0.43501	0.2270E-02	1.20664	0.1647E-02	1409.6
182	673.5	635.0	10.3	0.43503	0.2330E-02	1.20661	0.1616E-02	1409.3
182	674.0	637.6	10.7	0.43502	0.2285E-02	1.20667	0.1670E-02	1409.3
182	674.5	639.9	10.7	0.43501	0.2271E-02	1.20671	0.1704E-02	1409.6
182	675.0	642.9	10.6	0.43505	0.2360E-02	1.20668	0.1680E-02	1409.4
182	675.5	645.4	10.4	0.43503	0.2319E-02	1.20671	0.1704E-02	1409.1
182	676.0	648.3	11.1	0.43506	0.2397E-02	1.20666	0.1663E-02	1409.6
182	676.5	651.7	11.4	0.43536	0.3077E-02	1.20681	0.1766E-02	1399.5
182	677.0	655.0	10.6	0.43535	0.3047E-02	1.20680	0.1779E-02	1410.3
182	677.5	659.0	11.3	0.43533	0.3010E-02	1.20685	0.1821E-02	1410.4
182	678.0	663.0	11.3	0.43536	0.3114E-02	1.20683	0.1802E-02	1413.9
182	678.5	667.0	11.9	0.43538	0.3129E-02	1.20684	0.1815E-02	1413.7
182	679.0	670.5	12.0	0.43538	0.3129E-02	1.20688	0.1847E-02	1412.7
182	679.5	674.9	11.3	0.43537	0.3107E-02	1.20687	0.1841E-02	1410.0
182	680.0	678.4	11.7	0.43538	0.3129E-02	1.20689	0.1854E-02	1411.5
182	680.5	682.2	11.7	0.43539	0.3144E-02	1.20687	0.1841E-02	1412.2
182	681.0	686.2	11.3	0.43543	0.3241E-02	1.20693	0.1866E-02	1412.0
182	681.5	690.0	11.9	0.43541	0.3189E-02	1.20690	0.1863E-02	1412.0
182	682.0	694.0	11.3	0.43542	0.3227E-02	1.20690	0.1863E-02	1411.0
182	682.5	697.8	11.5	0.43543	0.3249E-02	1.20692	0.1883E-02	1411.0
182	683.0	702.3	11.4	0.43545	0.3294E-02	1.20697	0.1921E-02	1411.7
182	683.5	706.1	11.1	0.43547	0.3331E-02	1.20695	0.1905E-02	1411.2
182	684.0	710.1	11.4	0.43547	0.3331E-02	1.20700	0.1944E-02	1411.2
182	684.5	714.5	11.6	0.43547	0.3339E-02	1.20699	0.1941E-02	1411.7
182	685.0	718.6	11.4	0.43548	0.3346E-02	1.20699	0.1937E-02	1411.5
182	685.5	722.8	10.5	0.43548	0.3346E-02	1.20702	0.1963E-02	1410.5
182	686.0	726.8	11.0	0.43549	0.3376E-02	1.20704	0.1976E-02	1411.2
182	686.5	730.7	11.7	0.43550	0.3406E-02	1.20701	0.1957E-02	1410.7
182	687.0	736.0	11.1	0.43550	0.3394E-02	1.20706	0.1995E-02	1411.2
182	687.5	739.4	10.7	0.43551	0.3436E-02	1.20702	0.1963E-02	1411.2
182	688.0	744.4	11.4	0.43551	0.3436E-02	1.20709	0.2016E-02	1411.5
182	688.5	748.6	11.6	0.43553	0.3469E-02	1.20711	0.2034E-02	1411.5
182	689.0	752.7	11.8	0.43555	0.3510E-02	1.20708	0.2012E-02	1412.0
182	689.5	757.3	12.7	0.43553	0.3481E-02	1.20717	0.2082E-02	1410.3
182	690.0	761.4	11.4	0.43554	0.3565E-02	1.20715	0.2070E-02	1410.7
182	690.5	766.1	11.7	0.43557	0.3570E-02	1.20715	0.2073E-02	1411.2
182	691.0	770.1	11.4	0.43556	0.3533E-02	1.20718	0.2095E-02	1411.0
182	691.5	774.1	11.3	0.43554	0.3600E-02	1.20719	0.2105E-02	1411.2
182	692.0	779.2	11.4	0.43556	0.3585E-02	1.20722	0.2124E-02	1411.5
182	692.5	783.6	11.8	0.43559	0.3607E-02	1.20722	0.2124E-02	1409.5
182	693.0	787.5	12.3	0.43561	0.3645E-02	1.20721	0.2121E-02	1411.5
182	693.5	792.7	11.6	0.43561	0.3645E-02	1.20725	0.2153E-02	1411.5
182	694.0	797.3	11.1	0.43562	0.3667E-02	1.20726	0.2160E-02	1410.7
182	694.5	801.4	11.7	0.43564	0.3719E-02	1.20723	0.2137E-02	1410.3
182	695.0	805.9	11.6	0.43563	0.3705E-02	1.20731	0.2205E-02	1411.7
182	695.5	810.6	11.1	0.43565	0.3757E-02	1.20729	0.2186E-02	1411.7
182	696.0	815.1	12.6	0.43565	0.3757E-02	1.20732	0.2208E-02	1410.5
182	696.5	820.1	11.1	0.43567	0.3794E-02	1.20734	0.2227E-02	1410.5
182	697.0	824.4	11.7	0.43566	0.3779E-02	1.20734	0.2224E-02	1410.3
182	697.5	829.5	11.7	0.43569	0.3439E-02	1.20741	0.2256E-02	1410.5
182	698.0	834.3	12.8	0.43568	0.3624E-02	1.20741	0.2286E-02	1411.5
182	698.5	838.8	11.2	0.43572	0.3699E-02	1.20742	0.2292E-02	1410.0
182	699.0	843.6	10.6	0.43574	0.3454E-02	1.20739	0.2273E-02	1410.5

182	699.5	647.5	12.0	0.43572	0.3906E-02	1.20744	0.2304E-02	1409.5
182	700.0	652.4	12.0	0.43575	0.3981E-02	1.20747	0.2334E-02	1411.0
182	700.5	656.8	11.6	0.43572	0.3910E-02	1.20746	0.2331E-02	1406.1
182	701.0	662.1	11.4	0.43577	0.4033E-02	1.20749	0.2353E-02	1410.0
182	701.5	666.9	10.3	0.43575	0.4056E-02	1.20753	0.2385E-02	1410.3
182	702.0	671.3	12.0	0.43579	0.4078E-02	1.20750	0.2360E-02	1410.5
182	702.5	675.9	12.7	0.43580	0.4100E-02	1.20757	0.2418E-02	1409.5
182	703.0	681.1	11.4	0.43583	0.4168E-02	1.20756	0.2408E-02	1406.8
182	703.5	685.9	11.4	0.43584	0.4190E-02	1.20757	0.2415E-02	1409.3
182	704.0	690.5	12.3	0.43587	0.4257E-02	1.20757	0.2421E-02	1409.6
182	704.5	695.6	11.0	0.43588	0.4272E-02	1.20762	0.2460E-02	1409.3
182	705.0	900.5	12.1	0.43588	0.4272E-02	1.20762	0.2460E-02	1409.8
182	705.5	905.1	11.9	0.43591	0.4339E-02	1.20761	0.2453E-02	1409.0
182	706.0	909.5	11.8	0.43598	0.4287E-02	1.20767	0.2502E-02	1409.8
182	706.5	914.5	11.4	0.43593	0.4399E-02	1.20768	0.2511E-02	1410.5
182	707.0	919.8	10.7	0.43594	0.4414E-02	1.20769	0.2514E-02	1410.5
182	707.5	923.9	11.3	0.43596	0.4459E-02	1.20772	0.2540E-02	1409.5
182	708.0	928.4	11.6	0.43598	0.4519E-02	1.20774	0.2560E-02	1410.5
182	708.5	933.8	12.1	0.43599	0.4526E-02	1.20776	0.2579E-02	1410.0
182	709.0	939.0	11.5	0.43604	0.4638E-02	1.20778	0.2595E-02	1410.3
182	709.5	944.1	11.6	0.43603	0.4610E-02	1.20779	0.2601E-02	1409.5
182	710.0	949.2	11.4	0.43604	0.4653E-02	1.20781	0.2621E-02	1409.3
182	710.5	953.9	10.5	0.43607	0.4720E-02	1.20781	0.2618E-02	1409.3
182	711.0	958.7	11.0	0.43611	0.4802E-02	1.20781	0.2618E-02	1409.8
182	711.5	963.9	12.4	0.43610	0.4780E-02	1.20786	0.2663E-02	1409.5
182	712.0	969.2	12.3	0.43613	0.4855E-02	1.20789	0.2685E-02	1409.3
182	712.5	973.9	10.7	0.43618	0.4959E-02	1.20790	0.2695E-02	1409.6
182	713.0	978.6	11.4	0.43616	0.4914E-02	1.20798	0.2763E-02	1410.0
182	713.5	983.3	11.4	0.43618	0.4967E-02	1.20791	0.2696E-02	1409.5
182	714.0	988.2	12.3	0.43622	0.5071E-02	1.20791	0.2705E-02	1410.0
182	714.5	993.0	11.7	0.43624	0.5109E-02	1.20794	0.2727E-02	1409.5
182	715.0	997.7	11.6	0.43622	0.5071E-02	1.20799	0.2766E-02	1409.5
182	715.5	1002.8	11.6	0.43628	0.5206E-02	1.20799	0.2766E-02	1410.0
182	716.0	1007.7	11.2	0.43632	0.5280E-02	1.20802	0.2795E-02	1410.0
182	716.5	1013.2	12.2	0.43634	0.5333E-02	1.20804	0.2811E-02	1408.8
182	717.0	1017.8	12.3	0.43633	0.5325E-02	1.20807	0.2834E-02	1407.6
182	717.5	1022.7	10.5	0.43637	0.5407E-02	1.20806	0.2824E-02	1409.3
182	718.0	1027.5	12.3	0.43641	0.5490E-02	1.20813	0.2882E-02	1409.0
182	718.5	1032.1	12.5	0.43642	0.5519E-02	1.20812	0.2875E-02	1410.0
182	719.0	1037.4	10.5	0.43645	0.5587E-02	1.20813	0.2885E-02	1409.5
182	719.5	1042.3	12.4	0.43649	0.5684E-02	1.20815	0.2896E-02	1409.0
182	720.0	1047.5	11.4	0.43651	0.5721E-02	1.20816	0.2924E-02	1407.6
182	720.5	1052.2	11.9	0.43656	0.5856E-02	1.20815	0.2898E-02	1409.3
182	721.0	1056.6	10.8	0.43657	0.5896E-02	1.20816	0.2924E-02	1406.5
182	721.5	1061.5	12.9	0.43662	0.5975E-02	1.20821	0.2950E-02	1409.6
182	722.0	1066.7	11.1	0.43665	0.6057E-02	1.20824	0.2972E-02	1409.3
182	722.5	1071.3	12.2	0.43668	0.6132E-02	1.20828	0.3004E-02	1408.8
182	723.0	1075.9	12.4	0.43674	0.6254E-02	1.20824	0.3017E-02	1409.8
182	723.5	1081.0	11.2	0.43678	0.6341E-02	1.20833	0.3046E-02	1408.5
182	724.0	1086.1	11.3	0.43682	0.6438E-02	1.20834	0.3056E-02	1409.0
182	724.5	1090.4	11.5	0.43685	0.6520E-02	1.20833	0.3046E-02	1406.3
182	725.0	1094.9	10.8	0.43690	0.6632E-02	1.20838	0.3088E-02	1407.6
182	725.5	1100.0	13.6	0.43696	0.6767E-02	1.20839	0.3098E-02	1408.3
182	726.0	1105.2	11.6	0.43699	0.6834E-02	1.20840	0.3107E-02	1409.5
182	726.5	1109.6	11.1	0.43705	0.6976E-02	1.20842	0.3127E-02	1406.3
182	727.0	1114.2	11.3	0.43711	0.7110E-02	1.20844	0.3140E-02	1408.5
182	727.5	1119.3	12.6	0.43715	0.7200E-02	1.20855	0.3230E-02	1409.0
182	728.0	1124.0	12.2	0.43724	0.7409E-02	1.20850	0.3184E-02	1409.3
182	728.5	1128.5	10.7	0.43729	0.7536E-02	1.20851	0.3201E-02	1407.1
182	729.0	1133.5	11.9	0.43735	0.7671E-02	1.20853	0.3217E-02	1408.5

162	729.5	1139.4	12.6	0.43741	0.7405E-02	1.20854	0.3220E-02	1408.5
182	730.0	1143.0	11.0	0.43748	0.7404E-02	1.20856	0.3220E-02	1408.7
182	730.5	1148.0	11.6	0.43750	0.7414E-02	1.20861	0.3278E-02	1408.3
182	731.0	1152.3	12.3	0.43767	0.8395E-02	1.20861	0.3285E-02	1408.1
182	731.5	1156.9	11.8	0.43772	0.8507E-02	1.20860	0.3272E-02	1408.1
182	732.0	1162.6	11.4	0.43786	0.8536E-02	1.20863	0.3296E-02	1408.1
182	732.5	1166.6	11.0	0.43797	0.9090E-02	1.20863	0.3295E-02	1407.8
182	733.0	1171.5	10.8	0.43804	0.9343E-02	1.20864	0.3311E-02	1409.0
182	733.5	1175.9	10.7	0.43814	0.9543E-02	1.20866	0.3324E-02	1408.3
182	734.0	1181.4	10.7	0.43833	0.9911E-02	1.20870	0.3359E-02	1407.1
182	734.5	1186.2	12.1	0.43845	0.1020E-01	1.20870	0.3356E-02	1409.3
182	735.0	1190.4	12.6	0.43854	0.1051E-01	1.20873	0.3378E-02	1409.0
182	735.5	1195.4	13.8	0.43874	0.1087E-01	1.20872	0.3372E-02	1408.8
182	736.0	1200.3	11.3	0.43892	0.1129E-01	1.20875	0.3401E-02	1408.5
182	736.5	1205.1	12.4	0.43911	0.1172E-01	1.20880	0.3327E-02	1410.0
182	737.0	1210.1	10.8	0.43931	0.1214E-01	1.20871	0.3362E-02	1407.6
182	737.5	1214.6	11.8	0.43950	0.1261E-01	1.20870	0.3353E-02	1408.8
182	738.0	1219.8	11.6	0.43976	0.1321E-01	1.20875	0.3396E-02	1408.6
182	738.5	1225.7	13.5	0.44001	0.1374E-01	1.20871	0.3362E-02	1409.5
182	739.0	1230.4	11.0	0.44028	0.1441E-01	1.20885	0.3314E-02	1407.8
182	739.5	1234.6	12.3	0.44054	0.1501E-01	1.20882	0.3286E-02	1407.6
182	740.0	1237.8	11.1	0.44094	0.1571E-01	1.20851	0.3145E-02	1407.3
182	740.5	1242.0	13.6	0.44116	0.1645E-01	1.20853	0.3217E-02	1407.1
182	741.0	1245.8	12.6	0.44149	0.1720E-01	1.20845	0.3153E-02	1407.6
182	741.5	1249.4	13.6	0.44181	0.1794E-01	1.20836	0.3095E-02	1407.1
182	742.0	1254.1	13.2	0.44224	0.1893E-01	1.20825	0.2985E-02	1407.3
182	742.5	1258.0	13.9	0.44273	0.2006E-01	1.20803	0.2843E-02	1407.9
182	743.0	1263.1	13.2	0.44323	0.2122E-01	1.20793	0.2721E-02	1405.6
182	743.5	1267.8	12.8	0.44373	0.2237E-01	1.20771	0.2534E-02	1405.6
182	744.0	1274.3	14.1	0.44445	0.2402E-01	1.20744	0.2311E-02	1407.1
182	744.5	1280.9	14.1	0.44515	0.2563E-01	1.20708	0.2015E-02	1407.1
182	745.0	1287.8	14.4	0.44594	0.2755E-01	1.20678	0.1767E-02	1405.6
182	745.5	1294.4	13.4	0.44648	0.2963E-01	1.20629	0.1357E-02	1405.9
182	746.0	1302.2	13.4	0.44782	0.3179E-01	1.20585	0.9897E-03	1406.3
182	746.5	1309.0	14.6	0.44898	0.3445E-01	1.20536	0.5803E-03	1408.1
182	747.0	1316.0	14.8	0.45026	0.3742E-01	1.20462	-0.2898E-04	1405.9
182	747.5	1322.8	14.4	0.45176	0.4047E-01	1.20367	-0.6512E-03	1404.9
182	748.0	1331.2	15.2	0.45358	0.4506E-01	1.20277	-0.1563E-02	1404.9
182	748.5	1338.7	16.1	0.45571	0.4997E-01	1.20138	-0.2724E-02	1404.2
182	749.0	1346.4	17.8	0.45808	0.5543E-01	1.19955	-0.4239E-02	1404.9
182	749.5	1354.4	26.7	0.46091	0.6194E-01	1.19887	-0.6467E-02	1401.2
182	750.0	1357.5	10.4	0.46125	0.6273E-01	-9.99900	-0.9999E+04	1341.4
182	750.5	1322.3	13.5	0.46104	0.6225E-01	-9.99900	-0.9999E+04	1313.8
182	751.0	1291.3	12.1	0.46100	0.6216E-01	-9.99900	-0.9999E+04	1313.5
182	751.5	1267.1	13.5	0.46087	0.6188E-01	-9.99900	-0.9999E+04	1314.5
182	752.0	1260.9	13.6	0.46099	0.6191E-01	-9.99900	-0.9999E+04	1358.2
182	752.5	1297.3	10.9	0.46091	0.6194E-01	-9.99900	-0.9999E+04	1409.3
182	753.0	1326.5	10.4	0.46104	0.6225E-01	-9.99900	-0.9999E+04	1413.2
182	753.5	1348.3	11.1	0.46101	0.6219E-01	-9.99900	-0.9999E+04	1417.1
182	754.0	1360.0	12.4	0.46099	0.6213E-01	-9.99900	-0.9999E+04	1417.6
182	754.5	1369.2	11.0	0.46112	0.6242E-01	-9.99900	-0.9999E+04	1418.6
182	755.0	1377.3	11.6	0.46117	0.6255E-01	-9.99900	-0.9999E+04	1414.5
182	755.5	1384.6	11.2	0.46126	0.6275E-01	-9.99900	-0.9999E+04	1418.1
182	756.0	1392.4	10.4	0.46135	0.6297E-01	-9.99900	-0.9999E+04	1418.1
182	756.5	1399.3	9.8	0.46161	0.6355E-01	-9.99900	-0.9999E+04	1419.0
182	757.0	1405.4	11.8	0.46167	0.6369E-01	-9.99900	-0.9999E+04	1416.3
182	757.5	1411.1	10.2	0.46172	0.6382E-01	-9.99900	-0.9999E+04	1416.6
182	758.0	1417.9	11.6	0.46170	0.6376E-01	-9.99900	-0.9999E+04	1416.5
182	758.5	1423.4	10.7	0.46168	0.6372E-01	-9.99900	-0.9999E+04	1416.1
182	759.0	1430.5	11.0	0.46172	0.6381E-01	-9.99900	-0.9999E+04	1415.4

182	753.5	1346.3	11.1	0.46101	0.6219E-01-9.99900	-.9999E+04	1417.1
182	754.0	1360.0	12.4	0.46099	0.6213E-01-9.99900	-.9999E+04	1417.0
182	754.5	1369.2	11.0	0.46112	0.6242E-01-9.99900	-.9999E+04	1416.0
182	755.0	1377.3	11.6	0.46117	0.6255E-01-9.99900	-.9999E+04	1419.5

183	564.5	601.8	9.8	0.43506	0.2210E-02	1.20279	0.3509E-02	13.2
183	565.0	601.7	9.5	0.43511	0.2315E-02	1.20241	0.3525E-02	12.4
183	565.5	601.7	9.9	0.43510	0.2293E-02	1.20274	0.3470E-02	13.7
183	566.0	601.8	9.7	0.43510	0.2293E-02	1.20276	0.3499E-02	13.7
183	566.5	601.9	10.6	0.43511	0.2315E-02	1.20278	0.3480E-02	13.4
183	567.0	602.1	10.1	0.43510	0.2307E-02	1.20240	0.3519E-02	13.4
183	567.5	602.4	9.7	0.43509	0.2278E-02	1.20279	0.3509E-02	13.2
183	568.0	602.0	9.7	0.43511	0.2315E-02	1.20270	0.3434E-02	13.4
183	568.5	602.7	9.8	0.43510	0.2300E-02	1.20275	0.3480E-02	13.4
183	569.0	602.0	9.7	0.43510	0.2300E-02	1.20278	0.3506E-02	14.2
183	569.5	602.2	9.5	0.43513	0.2375E-02	1.20281	0.3525E-02	1667.7
183	570.0	602.9	9.7	0.43510	0.2243E-02	1.20275	0.3400E-02	1460.3
183	570.5	602.3	10.2	0.43511	0.2315E-02	1.20272	0.3454E-02	1957.5
183	571.0	602.6	9.8	0.43509	0.2278E-02	1.20272	0.3451E-02	1946.8
183	571.5	602.1	9.7	0.43506	0.2270E-02	1.20277	0.3493E-02	1945.6
183	572.0	602.4	9.6	0.43509	0.2270E-02	1.20273	0.3462E-02	1941.0
183	572.5	602.4	9.8	0.43511	0.2330E-02	1.20279	0.3506E-02	1942.4
183	573.0	602.3	10.3	0.43511	0.2322E-02	1.20273	0.3463E-02	1945.8
183	573.5	602.3	9.4	0.43509	0.2285E-02	1.20276	0.3486E-02	1947.4
183	574.0	602.3	9.2	0.43509	0.2278E-02	1.20273	0.3457E-02	2001.0
183	574.5	602.8	9.7	0.43512	0.2337E-02	1.20277	0.3493E-02	2002.2
183	575.0	601.8	10.1	0.43511	0.2315E-02	1.20277	0.3493E-02	2003.4
183	575.5	602.6	9.4	0.43509	0.2278E-02	1.20274	0.3467E-02	2006.6
183	576.0	602.3	10.4	0.43507	0.2240E-02	1.20277	0.3496E-02	2006.1
183	576.5	602.6	9.9	0.43510	0.2308E-02	1.20268	0.3410E-02	2008.3
183	577.0	602.5	10.2	0.43511	0.2330E-02	1.20275	0.3476E-02	2010.7
183	577.5	602.6	10.2	0.43509	0.2285E-02	1.20284	0.3554E-02	2009.3
183	578.0	602.5	9.9	0.43507	0.2233E-02	1.20273	0.3457E-02	2011.7
183	578.5	602.9	10.0	0.43510	0.2300E-02	1.20273	0.3460E-02	2011.5
183	579.0	602.6	9.9	0.43509	0.2278E-02	1.20274	0.3467E-02	2012.2
183	579.5	603.1	9.3	0.43507	0.2240E-02	1.20280	0.3522E-02	2012.9
183	580.0	602.5	9.7	0.43510	0.2300E-02	1.20270	0.3438E-02	2012.7
183	580.5	603.0	9.7	0.43508	0.2255E-02	1.20277	0.3489E-02	2012.0
183	581.0	603.0	9.5	0.43509	0.2255E-02	1.20273	0.3457E-02	2013.2
183	581.5	602.6	9.5	0.43511	0.2322E-02	1.20277	0.3496E-02	2009.3
183	582.0	603.0	9.3	0.43509	0.2270E-02	1.20283	0.3541E-02	2013.2
183	582.5	602.6	10.2	0.43506	0.2283E-02	1.20265	0.3392E-02	2012.7
183	583.0	602.8	9.7	0.43508	0.2263E-02	1.20276	0.3488E-02	2010.5
183	583.5	603.0	9.7	0.43509	0.2245E-02	1.20277	0.3493E-02	2012.2
183	584.0	602.8	9.5	0.43509	0.2270E-02	1.20273	0.3460E-02	2009.6
183	584.5	602.4	9.9	0.43510	0.2300E-02	1.20272	0.3447E-02	2012.2
183	585.0	602.9	9.4	0.43510	0.2308E-02	1.20275	0.3476E-02	2012.0
183	585.5	603.0	9.8	0.43510	0.2300E-02	1.20273	0.3457E-02	2011.2
183	586.0	603.2	10.3	0.43505	0.2195E-02	1.20241	0.3525E-02	2010.0
183	586.5	603.0	9.7	0.43512	0.2337E-02	1.20275	0.3473E-02	2009.8
183	587.0	603.1	10.0	0.43507	0.2240E-02	1.20266	0.3405E-02	2010.5
183	587.5	603.3	9.4	0.43509	0.2275E-02	1.20271	0.3444E-02	2010.5
183	588.0	603.2	9.6	0.43507	0.2225E-02	1.20271	0.3444E-02	2009.3
183	588.5	603.6	10.3	0.43509	0.2243E-02	1.20278	0.3499E-02	2004.2
183	589.0	602.9	9.8	0.43511	0.2322E-02	1.20275	0.3478E-02	2007.1
183	589.5	603.2	9.8	0.43510	0.2243E-02	1.20266	0.3421E-02	2007.4
183	590.0	603.3	9.8	0.43509	0.2285E-02	1.20279	0.3506E-02	2006.6
183	590.5	603.3	9.5	0.43507	0.2225E-02	1.20283	0.3544E-02	2005.6
183	591.0	603.3	9.8	0.43508	0.2283E-02	1.20275	0.3473E-02	2005.4
183	591.5	603.0	10.1	0.43510	0.2293E-02	1.20272	0.3454E-02	2004.2
183	592.0	603.0	9.6	0.43510	0.2300E-02	1.20280	0.3515E-02	2004.4
183	592.5	602.5	9.7	0.43508	0.2263E-02	1.20278	0.3502E-02	2002.0
183	593.0	603.2	9.7	0.43506	0.2263E-02	1.20244	0.3554E-02	2000.7
183	593.5	603.1	9.5	0.43511	0.2315E-02	1.20275	0.3473E-02	2001.2
183	594.0	603.6	9.9	0.43512	0.2337E-02	1.20276	0.3486E-02	1999.6

183	594.5	603.0	9.7	0.43507	0.2233E-02	1.20274	0.3467E-02	1999.5
183	595.0	603.4	9.3	0.43511	0.2332E-02	1.20272	0.3454E-02	1999.3
183	595.5	603.2	9.6	0.43511	0.2315E-02	1.20274	0.3506E-02	1998.5
183	596.0	603.2	10.3	0.43508	0.2263E-02	1.20279	0.3512E-02	1998.4
183	596.5	603.6	9.7	0.43512	0.2337E-02	1.20274	0.3470E-02	1998.5
183	597.0	603.4	9.2	0.43510	0.2307E-02	1.20279	0.3509E-02	1998.4
183	597.5	603.5	10.1	0.43509	0.2270E-02	1.20275	0.3499E-02	1998.6
183	598.0	603.7	10.0	0.43508	0.2263E-02	1.20275	0.3473E-02	1997.3
183	598.5	603.5	10.2	0.43510	0.2307E-02	1.20276	0.3502E-02	1996.2
183	599.0	603.8	9.8	0.43511	0.2315E-02	1.20274	0.3506E-02	1997.1
183	599.5	603.3	10.0	0.43510	0.2300E-02	1.20276	0.3502E-02	1995.2
183	600.0	603.3	10.0	0.43512	0.2352E-02	1.20276	0.3486E-02	1995.8
183	600.5	603.8	9.6	0.43508	0.2255E-02	1.20274	0.3467E-02	1995.8
183	601.0	603.4	9.5	0.43509	0.2278E-02	1.20280	0.3519E-02	1995.4
183	601.5	603.3	10.1	0.43510	0.2300E-02	1.20279	0.3506E-02	1995.4
183	602.0	603.8	9.8	0.43509	0.2270E-02	1.20281	0.3525E-02	1994.9
183	602.5	603.2	9.9	0.43510	0.2300E-02	1.20276	0.3483E-02	1995.4
183	603.0	603.6	9.6	0.43512	0.2337E-02	1.20279	0.3506E-02	1994.4
183	603.5	603.7	10.3	0.43510	0.2307E-02	1.20272	0.3447E-02	1994.6
183	604.0	603.9	9.6	0.43509	0.2295E-02	1.20266	0.3418E-02	1997.1
183	604.5	603.7	9.9	0.43508	0.2263E-02	1.20275	0.3473E-02	1997.5
183	605.0	603.9	9.5	0.43511	0.2330E-02	1.20279	0.3512E-02	1997.3
183	605.5	604.0	9.2	0.43511	0.2315E-02	1.20271	0.3441E-02	1998.2
183	606.0	604.1	10.0	0.43514	0.2362E-02	1.20266	0.3418E-02	1994.2
183	606.5	603.9	9.4	0.43512	0.2337E-02	1.20273	0.3460E-02	1996.5
183	607.0	604.0	9.9	0.43512	0.2337E-02	1.20275	0.3473E-02	1997.1
183	607.5	603.2	9.3	0.43513	0.2360E-02	1.20267	0.3408E-02	1998.0
183	608.0	603.9	10.0	0.43507	0.2240E-02	1.20268	0.3421E-02	1999.0
183	608.5	604.1	9.7	0.43510	0.2293E-02	1.20269	0.3425E-02	1998.8
183	609.0	604.0	9.7	0.43509	0.2285E-02	1.20271	0.3444E-02	1997.5
183	609.5	603.9	9.9	0.43509	0.2285E-02	1.20274	0.3470E-02	1998.3
183	610.0	604.1	9.4	0.43513	0.2367E-02	1.20277	0.3493E-02	1997.3
183	610.5	603.7	9.9	0.43513	0.2367E-02	1.20280	0.3522E-02	1997.3
183	611.0	603.9	9.5	0.43513	0.2360E-02	1.20273	0.3464E-02	1996.0
183	611.5	603.8	9.7	0.43512	0.2352E-02	1.20272	0.3454E-02	1996.1
183	612.0	604.3	9.7	0.43509	0.2285E-02	1.20275	0.3473E-02	1996.2
183	612.5	604.0	9.8	0.43508	0.2263E-02	1.20279	0.3506E-02	1996.3
183	613.0	604.4	9.6	0.43510	0.2300E-02	1.20277	0.3489E-02	1994.3
183	613.5	604.4	9.7	0.43512	0.2337E-02	1.20276	0.3486E-02	1995.1
183	614.0	604.5	9.5	0.43512	0.2337E-02	1.20279	0.3509E-02	1995.1
183	614.5	604.4	9.5	0.43509	0.2270E-02	1.20282	0.3531E-02	1994.4
183	615.0	604.3	9.8	0.43512	0.2337E-02	1.20281	0.3525E-02	1994.4
183	615.5	604.3	10.1	0.43511	0.2330E-02	1.20273	0.3457E-02	1992.9
183	616.0	604.4	10.0	0.43512	0.2337E-02	1.20277	0.3493E-02	1994.0
183	616.5	604.3	9.4	0.43511	0.2322E-02	1.20275	0.3476E-02	1994.4
183	617.0	604.9	9.8	0.43510	0.2300E-02	1.20275	0.3478E-02	1994.5
183	617.5	604.2	9.5	0.43511	0.2322E-02	1.20272	0.3447E-02	1993.7
183	618.0	604.9	10.2	0.43507	0.2225E-02	1.20276	0.3499E-02	1993.7
183	618.5	604.4	9.8	0.43509	0.2285E-02	1.20271	0.3441E-02	1993.2
183	619.0	604.7	10.3	0.43508	0.2263E-02	1.20279	0.3506E-02	1993.2
183	619.5	604.7	9.5	0.43511	0.2330E-02	1.20273	0.3463E-02	1994.2
183	620.0	604.7	10.1	0.43509	0.2285E-02	1.20274	0.3470E-02	1993.2
183	620.5	604.4	10.0	0.43512	0.2345E-02	1.20277	0.3495E-02	1991.6
183	621.0	604.5	9.5	0.43515	0.2412E-02	1.20279	0.3509E-02	1992.9
183	621.5	605.4	9.8	0.43512	0.2352E-02	1.20275	0.3480E-02	1994.2
183	622.0	605.4	10.2	0.43508	0.2203E-02	1.20277	0.3485E-02	1992.9
183	622.5	605.4	9.6	0.43508	0.2263E-02	1.20271	0.3444E-02	1992.7
183	623.0	605.3	10.2	0.43513	0.2360E-02	1.20283	0.3541E-02	1992.7
183	623.5	604.6	9.9	0.43509	0.2295E-02	1.20277	0.3493E-02	1991.0
183	624.0	604.9	9.5	0.43511	0.2330E-02	1.20277	0.3489E-02	1991.2

183	624.5	604.6	9.7	0.43509	0.2255E-02	1.20277	0.3489E-02	1991.2
183	625.0	604.2	9.8	0.43513	0.2360E-02	1.20279	0.3512E-02	1991.0
183	625.5	604.5	10.1	0.43510	0.2307E-02	1.20279	0.3509E-02	1992.4
183	626.0	605.2	9.9	0.43510	0.2307E-02	1.20270	0.3430E-02	1991.9
183	626.5	604.9	9.4	0.43510	0.2300E-02	1.20273	0.3463E-02	1990.5
183	627.0	605.1	9.4	0.43506	0.2218E-02	1.20283	0.3541E-02	1990.7
183	627.5	604.5	9.8	0.43513	0.2360E-02	1.20275	0.3570E-02	1990.2
183	628.0	605.1	9.9	0.43511	0.2322E-02	1.20275	0.3480E-02	1991.0
183	628.5	604.4	9.5	0.43511	0.2315E-02	1.20286	0.3405E-02	1990.5
183	629.0	605.1	10.0	0.43512	0.2345E-02	1.20275	0.3473E-02	1991.2
183	629.5	605.3	10.1	0.43509	0.2285E-02	1.20230	0.3519E-02	1989.7
183	630.0	604.7	9.5	0.43510	0.2300E-02	1.20275	0.3480E-02	1989.7
183	630.5	605.0	9.1	0.43512	0.2337E-02	1.20277	0.3493E-02	1993.4
183	631.0	604.7	10.4	0.43510	0.2307E-02	1.20278	0.3502E-02	1993.4
183	631.5	605.5	9.9	0.43512	0.2337E-02	1.20275	0.3473E-02	1992.2
183	632.0	604.7	9.9	0.43511	0.2330E-02	1.20278	0.3499E-02	1993.7
183	632.5	605.1	9.9	0.43511	0.2315E-02	1.20273	0.3460E-02	1995.1
183	633.0	605.0	9.7	0.43509	0.2285E-02	1.20274	0.3467E-02	1995.1
183	633.5	605.4	10.1	0.43510	0.2307E-02	1.20277	0.3489E-02	1992.7
183	634.0	605.1	9.9	0.43510	0.2300E-02	1.20276	0.3486E-02	1993.2
183	634.5	605.0	10.2	0.43511	0.2322E-02	1.20275	0.3473E-02	1993.9
183	635.0	605.1	9.9	0.43511	0.2322E-02	1.20272	0.3447E-02	1995.4
183	635.5	604.9	10.0	0.43506	0.2210E-02	1.20275	0.3476E-02	1995.8
183	636.0	605.3	10.3	0.43512	0.2345E-02	1.20280	0.3515E-02	1995.4
183	636.5	605.0	9.9	0.43509	0.2285E-02	1.20274	0.3470E-02	1996.3
183	637.0	605.2	9.9	0.43507	0.2240E-02	1.20278	0.3502E-02	1996.1
183	637.5	605.4	10.0	0.43510	0.2307E-02	1.20273	0.3460E-02	1995.4
183	638.0	605.2	9.7	0.43509	0.2245E-02	1.20278	0.3494E-02	1995.6
183	638.5	605.7	9.3	0.43511	0.2330E-02	1.20272	0.3451E-02	1995.0
183	639.0	605.7	9.8	0.43507	0.2240E-02	1.20272	0.3454E-02	1995.5
183	639.5	605.8	9.7	0.43506	0.2263E-02	1.20278	0.3502E-02	1995.0
183	640.0	605.7	9.7	0.43511	0.2322E-02	1.20275	0.3476E-02	1994.4
183	640.5	605.6	9.9	0.43507	0.2225E-02	1.20268	0.3415E-02	1996.1
183	641.0	605.7	9.4	0.43510	0.2307E-02	1.20273	0.3457E-02	1995.4
183	641.5	605.7	9.8	0.43508	0.2248E-02	1.20276	0.3486E-02	1994.9
183	642.0	605.9	10.0	0.43510	0.2300E-02	1.20277	0.3493E-02	1993.7
183	642.5	605.3	10.1	0.43512	0.2337E-02	1.20267	0.3412E-02	1996.3
183	643.0	605.8	9.5	0.43510	0.2307E-02	1.20273	0.3460E-02	1996.8
183	643.5	605.8	9.3	0.43509	0.2270E-02	1.20273	0.3457E-02	1996.4
183	644.0	605.4	9.2	0.43506	0.2255E-02	1.20275	0.3480E-02	1996.6
183	644.5	606.0	9.7	0.43509	0.2278E-02	1.20277	0.3493E-02	1997.1
183	645.0	605.9	9.9	0.43509	0.2270E-02	1.20278	0.3499E-02	1996.3
183	645.5	605.9	10.0	0.43508	0.2244E-02	1.20276	0.3483E-02	1997.3
183	646.0	606.0	10.0	0.43507	0.2225E-02	1.20271	0.3444E-02	1996.3
183	646.5	605.7	10.0	0.43508	0.2244E-02	1.20269	0.3428E-02	1997.3
183	647.0	605.5	10.5	0.43509	0.2285E-02	1.20275	0.3476E-02	1997.0
183	647.5	605.9	10.0	0.43507	0.2225E-02	1.20284	0.3546E-02	1997.3
183	648.0	605.4	9.5	0.43508	0.2255E-02	1.20277	0.3489E-02	1997.3
183	648.5	605.8	9.7	0.43509	0.2285E-02	1.20277	0.3454E-02	1996.3
183	649.0	605.8	10.0	0.43506	0.2218E-02	1.20275	0.3480E-02	1996.3
183	649.5	606.1	9.7	0.43511	0.2330E-02	1.20270	0.3434E-02	1996.3
183	650.0	606.1	9.5	0.43510	0.2300E-02	1.20274	0.3467E-02	1997.1
183	650.5	605.8	9.8	0.43505	0.2195E-02	1.20284	0.3550E-02	1997.1
183	651.0	605.7	10.0	0.43509	0.2245E-02	1.20278	0.3499E-02	1996.8
183	651.5	606.2	9.3	0.43505	0.2195E-02	1.20271	0.3444E-02	1996.6
183	652.0	606.0	10.2	0.43510	0.2293E-02	1.20268	0.3471E-02	1997.3
183	652.5	606.1	9.8	0.43511	0.2322E-02	1.20277	0.3493E-02	1996.3
183	653.0	606.3	10.0	0.43508	0.2263E-02	1.20275	0.3480E-02	1996.4
183	653.5	605.9	10.0	0.43507	0.2240E-02	1.20277	0.3496E-02	1997.8
183	654.0	606.1	9.6	0.43510	0.2300E-02	1.20278	0.3502E-02	1997.5

183	654.5	605.9	10.0	0.43511	0.2322E-02	1.20240	0.3522E-02	1996.3
183	655.0	606.3	10.0	0.43508	0.2263E-02	1.20240	0.3519E-02	1997.1
183	655.5	606.3	10.1	0.43505	0.2168E-02	1.20279	0.3504E-02	1997.3
183	656.0	606.6	9.9	0.43508	0.2255E-02	1.20277	0.3496E-02	1996.5
183	656.5	605.9	10.1	0.43509	0.2278E-02	1.20276	0.3486E-02	1996.8
183	657.0	606.1	9.8	0.43510	0.2307E-02	1.20278	0.3499E-02	1996.0
183	657.5	606.1	10.0	0.43511	0.2315E-02	1.20280	0.3515E-02	1997.3
183	658.0	606.5	10.2	0.43509	0.2278E-02	1.20277	0.3489E-02	1997.3
183	658.5	606.7	10.0	0.43506	0.2218E-02	1.20272	0.3451E-02	1997.4
183	659.0	606.1	9.1	0.43508	0.2248E-02	1.20279	0.3509E-02	1997.3
183	659.5	606.5	9.9	0.43508	0.2248E-02	1.20275	0.3473E-02	1996.0
183	660.0	606.3	10.2	0.43509	0.2270E-02	1.20273	0.3460E-02	1996.5
183	660.5	606.4	9.4	0.43510	0.2307E-02	1.20242	0.3535E-02	1997.3
183	661.0	606.5	9.5	0.43510	0.2293E-02	1.20277	0.3496E-02	1996.3
183	661.5	606.4	9.9	0.43506	0.2218E-02	1.20278	0.3502E-02	1996.0
183	662.0	605.9	10.4	0.43505	0.2195E-02	1.20275	0.3473E-02	1996.0
183	662.5	606.7	9.8	0.43509	0.2270E-02	1.20271	0.3444E-02	1996.6
183	663.0	606.3	10.3	0.43507	0.2240E-02	1.20269	0.3425E-02	1997.1
183	663.5	606.7	9.9	0.43510	0.2307E-02	1.20282	0.3535E-02	1995.5
183	664.0	606.1	10.0	0.43508	0.2255E-02	1.20284	0.3546E-02	1996.3
183	664.5	606.7	10.3	0.43507	0.2240E-02	1.20272	0.3447E-02	1996.8
183	665.0	606.3	9.5	0.43507	0.2233E-02	1.20275	0.3480E-02	1997.6
183	665.5	606.6	10.0	0.43505	0.2210E-02	1.20272	0.3447E-02	1997.6
183	666.0	606.6	9.5	0.43507	0.2240E-02	1.20279	0.3509E-02	1997.8
183	666.5	606.8	9.7	0.43504	0.2173E-02	1.20274	0.3470E-02	1996.0
183	667.0	606.8	9.4	0.43506	0.2248E-02	1.20277	0.3489E-02	1996.3
183	667.5	607.5	11.0	0.43546	0.3136E-02	1.20293	0.3629E-02	2001.2
183	668.0	607.1	11.1	0.43545	0.3107E-02	1.20289	0.3596E-02	2010.0
183	668.5	607.0	10.4	0.43546	0.3136E-02	1.20286	0.3567E-02	2011.7
183	669.0	607.3	11.5	0.43543	0.3174E-02	1.20293	0.3625E-02	2012.9
183	669.5	607.5	10.8	0.43543	0.3054E-02	1.20280	0.3519E-02	2012.7
183	670.0	607.2	10.4	0.43544	0.3092E-02	1.20295	0.3564E-02	2012.2
183	670.5	607.1	10.5	0.43547	0.3151E-02	1.20286	0.3570E-02	2013.7
183	671.0	606.9	10.4	0.43548	0.3174E-02	1.20285	0.3557E-02	2013.9
183	671.5	606.9	10.7	0.43545	0.3114E-02	1.20287	0.3577E-02	2013.4
183	672.0	606.5	11.2	0.43546	0.3129E-02	1.20292	0.3619E-02	2013.4
183	672.5	606.5	11.3	0.43545	0.3106E-02	1.20292	0.3616E-02	2014.2
183	673.0	606.1	11.4	0.43547	0.3151E-02	1.20291	0.3612E-02	2014.4
183	673.5	606.6	11.3	0.43546	0.3121E-02	1.20290	0.3600E-02	2013.7
183	674.0	606.3	11.1	0.43545	0.3106E-02	1.20283	0.3541E-02	2013.9
183	674.5	606.0	11.5	0.43544	0.3084E-02	1.20285	0.3564E-02	2013.9
183	675.0	606.0	10.4	0.43546	0.3121E-02	1.20284	0.3554E-02	2013.2
183	675.5	605.8	11.3	0.43546	0.3121E-02	1.20285	0.3557E-02	2012.7
183	676.0	605.7	11.2	0.43546	0.3121E-02	1.20285	0.3561E-02	2011.5
183	676.5	605.8	11.6	0.43545	0.3114E-02	1.20290	0.3603E-02	2012.2
183	677.0	605.4	11.0	0.43547	0.3144E-02	1.20286	0.3567E-02	2009.3
183	677.5	605.7	11.4	0.43544	0.3084E-02	1.20282	0.3535E-02	2011.2
183	678.0	606.6	10.6	0.43543	0.3054E-02	1.20286	0.3507E-02	2011.7
183	678.5	607.0	10.9	0.43544	0.3092E-02	1.20283	0.3544E-02	2010.7
183	679.0	607.5	10.3	0.43544	0.3092E-02	1.20281	0.3526E-02	2010.0
183	679.5	608.5	10.6	0.43544	0.3084E-02	1.20291	0.3613E-02	2010.0
183	680.0	609.7	10.1	0.43544	0.3077E-02	1.20295	0.3642E-02	2011.7
183	680.5	610.6	11.2	0.43547	0.3159E-02	1.20290	0.3603E-02	2010.3
183	681.0	611.8	10.5	0.43549	0.3189E-02	1.20292	0.3619E-02	2008.8
183	681.5	613.0	10.7	0.43548	0.3166E-02	1.20291	0.3613E-02	2009.6
183	682.0	615.0	11.1	0.43549	0.3189E-02	1.20289	0.3593E-02	2010.0
183	682.5	615.6	10.2	0.43544	0.3077E-02	1.20294	0.3632E-02	2006.1
183	683.0	617.8	11.1	0.43546	0.3121E-02	1.20247	0.3577E-02	2006.3
183	683.5	619.5	10.4	0.43549	0.3189E-02	1.20293	0.3625E-02	2007.3
183	684.0	621.2	10.0	0.43547	0.3159E-02	1.20299	0.3680E-02	2007.3

183	684.5	623.0	10.4	0.43550	0.3219E-02	1.20294	0.3632E-02	2007.1
183	685.0	625.2	10.5	0.43550	0.3211E-02	1.20295	0.3645E-02	2007.6
183	685.5	627.5	10.3	0.43551	0.3233E-02	1.20299	0.3674E-02	2007.3
183	686.0	630.0	10.8	0.43545	0.3190E-02	1.20299	0.3680E-02	2006.6
183	686.5	632.0	9.4	0.43548	0.3181E-02	1.20296	0.3655E-02	2007.1
183	687.0	634.3	10.0	0.43552	0.3263E-02	1.20297	0.3658E-02	2004.4
183	687.5	636.8	10.2	0.43552	0.3271E-02	1.20300	0.3687E-02	2005.6
183	688.0	639.9	10.8	0.43551	0.3241E-02	1.20303	0.3710E-02	2005.1
183	688.5	641.4	10.2	0.43553	0.3293E-02	1.20301	0.3690E-02	2005.1
183	689.0	644.9	10.0	0.43550	0.3226E-02	1.20303	0.3713E-02	2003.2
183	689.5	647.4	10.5	0.43551	0.3248E-02	1.20303	0.3706E-02	2005.1
183	690.0	650.0	11.1	0.43554	0.3316E-02	1.20306	0.3755E-02	2003.7

184	679.0	597.7	9.7	0.43501	0.2248E-02	1.19411	0.1404E-02	15.1
184	679.5	598.1	9.8	0.43502	0.2245E-02	1.19408	0.1384E-02	14.7
184	680.0	597.6	9.9	0.43500	0.2233E-02	1.19406	0.1366E-02	14.7
184	680.5	597.7	9.6	0.43499	0.2203E-02	1.19414	0.1430E-02	12.7
184	681.0	597.7	9.6	0.43500	0.2233E-02	1.19409	0.1391E-02	13.4
184	681.5	597.7	9.4	0.43501	0.2256E-02	1.19407	0.1376E-02	15.4
184	682.0	598.0	9.3	0.43499	0.2203E-02	1.19407	0.1378E-02	13.2
184	682.5	598.0	9.6	0.43499	0.2211E-02	1.19406	0.1366E-02	14.7
184	683.0	598.0	9.7	0.43500	0.2226E-02	1.19410	0.1400E-02	15.6
184	683.5	598.0	9.8	0.43500	0.2241E-02	1.19408	0.1384E-02	1121.4
184	684.0	598.0	10.4	0.43496	0.2196E-02	1.19411	0.1407E-02	1402.2
184	684.5	597.9	9.8	0.43500	0.2226E-02	1.19410	0.1397E-02	1402.2
184	685.0	598.1	9.8	0.43499	0.2218E-02	1.19407	0.1377E-02	1402.7
184	685.5	597.9	9.8	0.43499	0.2218E-02	1.19406	0.1366E-02	1405.6
184	686.0	597.5	9.6	0.43497	0.2166E-02	1.19409	0.1394E-02	1404.1
184	686.5	597.9	9.4	0.43500	0.2226E-02	1.19406	0.1361E-02	1404.5
184	687.0	598.1	10.2	0.43497	0.2166E-02	1.19409	0.1345E-02	1412.0
184	687.5	597.9	9.5	0.43500	0.2241E-02	1.19411	0.1404E-02	1412.0
184	688.0	598.1	9.7	0.43500	0.2233E-02	1.19408	0.1384E-02	1413.2
184	688.5	597.4	9.7	0.43499	0.2216E-02	1.19406	0.1381E-02	1413.9
184	689.0	598.0	9.3	0.43499	0.2203E-02	1.19410	0.1400E-02	1416.6
184	689.5	598.0	10.0	0.43499	0.2203E-02	1.19404	0.1352E-02	1415.4
184	690.0	598.1	9.6	0.43500	0.2233E-02	1.19410	0.1400E-02	1418.1
184	690.5	598.3	9.6	0.43498	0.2181E-02	1.19406	0.1355E-02	1417.6
184	691.0	598.1	9.9	0.43500	0.2233E-02	1.19409	0.1394E-02	1418.6
184	691.5	598.1	9.9	0.43499	0.2203E-02	1.19404	0.1348E-02	1418.3
184	692.0	598.1	9.7	0.43500	0.2226E-02	1.19409	0.1394E-02	1419.0
184	692.5	598.1	10.0	0.43497	0.2159E-02	1.19409	0.1387E-02	1419.3
184	693.0	597.9	10.0	0.43499	0.2211E-02	1.19413	0.1420E-02	1416.3
184	693.5	598.0	9.5	0.43499	0.2203E-02	1.19409	0.1391E-02	1417.6
184	694.0	598.3	9.3	0.43495	0.2129E-02	1.19410	0.1400E-02	1417.6
184	694.5	598.3	9.4	0.43499	0.2203E-02	1.19407	0.1377E-02	1416.6
184	695.0	598.3	10.1	0.43498	0.2196E-02	1.19410	0.1397E-02	1416.6
184	695.5	598.1	9.6	0.43500	0.2233E-02	1.19409	0.1391E-02	1418.6
184	696.0	598.2	9.8	0.43500	0.2226E-02	1.19414	0.1433E-02	1417.6
184	696.5	598.3	10.3	0.43497	0.2166E-02	1.19411	0.1410E-02	1419.3
184	697.0	598.5	9.8	0.43498	0.2196E-02	1.19411	0.1407E-02	1414.2
184	697.5	598.2	9.5	0.43498	0.2181E-02	1.19405	0.1356E-02	1412.7
184	698.0	598.2	9.5	0.43499	0.2203E-02	1.19404	0.1352E-02	1410.7
184	698.5	598.2	9.9	0.43501	0.2248E-02	1.19412	0.1413E-02	1411.7
184	699.0	598.1	9.5	0.43499	0.2203E-02	1.19413	0.1420E-02	1412.5
184	699.5	598.1	9.4	0.43499	0.2211E-02	1.19411	0.1404E-02	1410.7
184	700.0	598.3	9.4	0.43498	0.2196E-02	1.19407	0.1371E-02	1412.0
184	700.5	598.3	9.7	0.43498	0.2181E-02	1.19406	0.1368E-02	1412.5
184	701.0	598.3	9.1	0.43499	0.2211E-02	1.19407	0.1378E-02	1412.7
184	701.5	598.6	9.7	0.43499	0.2203E-02	1.19407	0.1376E-02	1411.2
184	702.0	598.2	9.4	0.43499	0.2211E-02	1.19410	0.1397E-02	1410.5
184	702.5	598.4	9.4	0.43498	0.2196E-02	1.19411	0.1410E-02	1409.0
184	703.0	598.2	8.9	0.43500	0.2241E-02	1.19405	0.1356E-02	1404.4
184	703.5	598.0	10.3	0.43499	0.2203E-02	1.19411	0.1410E-02	1406.4
184	704.0	598.6	9.7	0.43497	0.2166E-02	1.19411	0.1407E-02	1404.4
184	704.5	598.4	9.6	0.43499	0.2211E-02	1.19406	0.1361E-02	1403.9
184	705.0	597.9	9.7	0.43499	0.2211E-02	1.19404	0.1345E-02	1403.4
184	705.5	598.5	10.2	0.43499	0.2203E-02	1.19404	0.1345E-02	1402.4
184	706.0	598.5	9.8	0.43497	0.2173E-02	1.19408	0.1375E-02	1402.2
184	706.5	598.8	9.6	0.43500	0.2233E-02	1.19414	0.1400E-02	1400.5
184	707.0	598.5	9.3	0.43500	0.2241E-02	1.19412	0.1417E-02	1401.7
184	707.5	598.5	9.7	0.43498	0.2196E-02	1.19408	0.1383E-02	1401.2
184	708.0	598.8	9.5	0.43497	0.2166E-02	1.19405	0.1355E-02	1401.0
184	708.5	598.6	9.4	0.43498	0.2181E-02	1.19396	0.1283E-02	1399.0

184	709.0	598.7	9.7	0.43498	0.2188E-02	1.19402	0.1335E-02	1400.2
184	709.5	598.8	9.8	0.43501	0.2248E-02	1.19406	0.1368E-02	1399.3
184	710.0	599.3	9.7	0.43499	0.2211E-02	1.19411	0.1407E-02	1399.0
184	710.5	598.9	9.8	0.43497	0.2159E-02	1.19407	0.1378E-02	1399.3
184	711.0	598.9	9.7	0.43501	0.2250E-02	1.19404	0.1348E-02	1398.3
184	711.5	599.1	9.4	0.43496	0.2151E-02	1.19405	0.1355E-02	1398.3
184	712.0	598.9	9.7	0.43497	0.2168E-02	1.19406	0.1365E-02	1399.3
184	712.5	599.4	9.7	0.43498	0.2182E-02	1.19404	0.1351E-02	1400.0
184	713.0	599.4	9.7	0.43496	0.2144E-02	1.19402	0.1335E-02	1398.5
184	713.5	598.9	9.7	0.43498	0.2148E-02	1.19406	0.1351E-02	1398.0
184	714.0	599.0	9.6	0.43498	0.2188E-02	1.19405	0.1355E-02	1399.6
184	714.5	598.9	9.3	0.43497	0.2168E-02	1.19409	0.1391E-02	1399.8
184	715.0	599.3	9.9	0.43498	0.2196E-02	1.19407	0.1371E-02	1400.2
184	715.5	598.9	9.6	0.43498	0.2196E-02	1.19408	0.1381E-02	1399.0
184	716.0	598.7	9.9	0.43498	0.2188E-02	1.19403	0.1342E-02	1399.0
184	716.5	598.9	10.1	0.43497	0.2100E-02	1.19406	0.1301E-02	1399.5
184	717.0	599.1	9.5	0.43496	0.2146E-02	1.19404	0.1348E-02	1400.0
184	717.5	599.0	9.8	0.43500	0.2233E-02	1.19405	0.1358E-02	1398.3
184	718.0	599.1	9.5	0.43497	0.2173E-02	1.19414	0.1433E-02	1398.0
184	718.5	599.5	9.4	0.43497	0.2159E-02	1.19409	0.1394E-02	1398.3
184	719.0	599.3	10.3	0.43501	0.2248E-02	1.19404	0.1345E-02	1398.0
184	719.5	598.6	10.2	0.43498	0.2181E-02	1.19412	0.1417E-02	1397.8
184	720.0	599.6	10.0	0.43497	0.2173E-02	1.19406	0.1365E-02	1398.0
184	720.5	599.6	10.3	0.43496	0.2151E-02	1.19404	0.1352E-02	1398.5
184	721.0	599.5	10.4	0.43500	0.2233E-02	1.19406	0.1365E-02	1397.1
184	721.5	599.5	9.7	0.43501	0.2248E-02	1.19410	0.1397E-02	1396.8
184	722.0	599.2	9.1	0.43498	0.2196E-02	1.19409	0.1394E-02	1397.1
184	722.5	599.3	10.2	0.43497	0.2168E-02	1.19405	0.1355E-02	1397.6
184	723.0	599.3	9.7	0.43500	0.2233E-02	1.19412	0.1417E-02	1397.1
184	723.5	599.5	10.1	0.43497	0.2166E-02	1.19408	0.1381E-02	1395.1
184	724.0	599.7	9.3	0.43496	0.2151E-02	1.19401	0.1325E-02	1395.8
184	724.5	599.8	10.1	0.43500	0.2241E-02	1.19405	0.1358E-02	1394.6
184	725.0	599.9	9.3	0.43499	0.2211E-02	1.19405	0.1355E-02	1398.1
184	725.5	599.8	9.5	0.43499	0.2218E-02	1.19412	0.1417E-02	1398.6
184	726.0	599.5	9.7	0.43501	0.2248E-02	1.19407	0.1374E-02	1394.1
184	726.5	599.0	9.7	0.43501	0.2248E-02	1.19408	0.1384E-02	1396.8
184	727.0	599.8	9.7	0.43497	0.2173E-02	1.19406	0.1365E-02	1397.6
184	727.5	600.0	9.7	0.43494	0.2218E-02	1.19408	0.1371E-02	1396.8
184	728.0	600.0	9.6	0.43498	0.2181E-02	1.19406	0.1361E-02	1397.6
184	728.5	599.6	9.7	0.43498	0.2196E-02	1.19404	0.1345E-02	1396.3
184	729.0	599.8	10.3	0.43499	0.2203E-02	1.19406	0.1361E-02	1398.5
184	729.5	599.4	9.2	0.43500	0.2241E-02	1.19411	0.1404E-02	1397.8
184	730.0	599.8	9.7	0.43498	0.2188E-02	1.19405	0.1355E-02	1398.6
184	730.5	599.8	10.1	0.43497	0.2159E-02	1.19403	0.1338E-02	1396.1
184	731.0	600.0	9.4	0.43497	0.2173E-02	1.19402	0.1332E-02	1397.5
184	731.5	600.1	9.8	0.43497	0.2173E-02	1.19411	0.1407E-02	1395.8
184	732.0	600.0	10.0	0.43499	0.2203E-02	1.19405	0.1355E-02	1397.3
184	732.5	600.2	9.5	0.43499	0.2211E-02	1.19408	0.1381E-02	1396.8
184	733.0	599.5	9.5	0.43498	0.2196E-02	1.19410	0.1397E-02	1398.0
184	733.5	599.9	9.9	0.43501	0.2248E-02	1.19407	0.1378E-02	1396.3
184	734.0	600.0	9.4	0.43499	0.2203E-02	1.19409	0.1391E-02	1397.3
184	734.5	600.1	9.2	0.43498	0.2196E-02	1.19407	0.1378E-02	1397.4
184	735.0	600.2	9.6	0.43498	0.2188E-02	1.19408	0.1381E-02	1397.8
184	735.5	599.9	10.0	0.43500	0.2226E-02	1.19412	0.1413E-02	1397.3
184	736.0	599.6	9.3	0.43499	0.2211E-02	1.19411	0.1410E-02	1396.8
184	736.5	599.7	9.5	0.43500	0.2226E-02	1.19411	0.1404E-02	1398.6
184	737.0	600.0	9.7	0.43501	0.2248E-02	1.19408	0.1384E-02	1398.7
184	737.5	599.6	9.6	0.43498	0.2191E-02	1.19405	0.1355E-02	1399.3
184	738.0	599.7	9.6	0.43502	0.2271E-02	1.19411	0.1404E-02	1398.3
184	738.5	599.9	9.4	0.43499	0.2203E-02	1.19410	0.1397E-02	1399.0

184	739.0	600.0	10.2	0.43494	0.2148E-02	1.19410	0.1397E-02	1394.8
184	739.5	600.2	9.6	0.43499	0.2203E-02	1.19406	0.1361E-02	1348.0
184	740.0	600.1	9.7	0.43499	0.2211E-02	1.19402	0.1329E-02	1399.0
184	740.5	600.2	9.6	0.43501	0.2256E-02	1.19409	0.1367E-02	1347.8
184	741.0	600.0	9.6	0.43496	0.2144E-02	1.19406	0.1361E-02	1398.5
184	741.5	600.4	9.8	0.43500	0.2276E-02	1.19413	0.1420E-02	1396.3
184	742.0	600.1	9.8	0.43497	0.2173E-02	1.19406	0.1368E-02	1396.1
184	742.5	599.8	9.9	0.43497	0.2173E-02	1.19409	0.1391E-02	1396.5
184	743.0	600.4	9.5	0.43500	0.2233E-02	1.19406	0.1365E-02	1397.1
184	743.5	600.4	10.0	0.43501	0.2248E-02	1.19413	0.1423E-02	1397.3
184	744.0	600.5	9.0	0.43500	0.2233E-02	1.19403	0.1338E-02	1396.1
184	744.5	600.4	10.7	0.43526	0.2831E-02	1.19416	0.1452E-02	1399.3
184	745.0	600.3	10.1	0.43527	0.2861E-02	1.19411	0.1410E-02	1409.0
184	745.5	601.0	10.2	0.43527	0.2868E-02	1.19419	0.1475E-02	1410.0
184	746.0	600.8	10.2	0.43527	0.2853E-02	1.19416	0.1465E-02	1412.2
184	746.5	601.3	9.9	0.43527	0.2853E-02	1.19412	0.1417E-02	1411.2
184	747.0	601.3	9.9	0.43526	0.2838E-02	1.19415	0.1443E-02	1411.5
184	747.5	601.2	9.8	0.43527	0.2861E-02	1.19413	0.1420E-02	1412.0
184	748.0	601.0	10.2	0.43527	0.2853E-02	1.19411	0.1404E-02	1412.7
184	748.5	601.3	9.7	0.43527	0.2853E-02	1.19411	0.1407E-02	1413.2
184	749.0	600.9	9.3	0.43527	0.2846E-02	1.19414	0.1430E-02	1411.7
184	749.5	601.1	10.0	0.43526	0.2831E-02	1.19414	0.1433E-02	1411.7
184	750.0	600.9	10.3	0.43527	0.2853E-02	1.19410	0.1397E-02	1412.5
184	750.5	601.7	9.9	0.43527	0.2853E-02	1.19411	0.1404E-02	1412.0
184	751.0	601.5	9.9	0.43526	0.2831E-02	1.19411	0.1407E-02	1411.2
184	751.5	601.4	10.2	0.43527	0.2853E-02	1.19413	0.1426E-02	1412.7
184	752.0	601.8	9.7	0.43528	0.2876E-02	1.19415	0.1443E-02	1413.2
184	752.5	601.8	10.0	0.43529	0.2898E-02	1.19418	0.1465E-02	1413.2
184	753.0	602.1	10.3	0.43526	0.2863E-02	1.19416	0.1469E-02	1411.2
184	753.5	602.0	10.3	0.43525	0.2816E-02	1.19415	0.1443E-02	1411.7
184	754.0	601.7	10.1	0.43524	0.2786E-02	1.19410	0.1397E-02	1412.9
184	754.5	602.0	9.8	0.43529	0.2898E-02	1.19412	0.1413E-02	1411.0
184	755.0	602.2	10.0	0.43527	0.2853E-02	1.19411	0.1407E-02	1410.0
184	755.5	602.2	9.8	0.43526	0.2831E-02	1.19409	0.1394E-02	1410.7
184	756.0	602.2	10.8	0.43527	0.2868E-02	1.19418	0.1462E-02	1411.5
184	756.5	601.8	10.4	0.43529	0.2913E-02	1.19418	0.1469E-02	1410.5
184	757.0	602.8	9.5	0.43528	0.2875E-02	1.19415	0.1439E-02	1411.2
184	757.5	602.2	9.9	0.43527	0.2861E-02	1.19416	0.1462E-02	1411.7
184	758.0	602.0	10.5	0.43528	0.2875E-02	1.19414	0.1430E-02	1410.7
184	758.5	602.7	10.0	0.43527	0.2868E-02	1.19413	0.1423E-02	1411.2
184	759.0	602.5	10.6	0.43527	0.2846E-02	1.19413	0.1420E-02	1409.8
184	759.5	602.8	9.7	0.43526	0.2838E-02	1.19410	0.1397E-02	1409.8
184	760.0	602.5	10.1	0.43527	0.2861E-02	1.19413	0.1420E-02	1411.0
184	760.5	602.4	10.1	0.43528	0.2890E-02	1.19416	0.1446E-02	1409.0
184	761.0	601.7	10.5	0.43528	0.2883E-02	1.19411	0.1407E-02	1409.8
184	761.5	602.0	10.0	0.43529	0.2905E-02	1.19413	0.1426E-02	1409.3
184	762.0	601.7	9.9	0.43527	0.2868E-02	1.19411	0.1404E-02	1408.5
184	762.5	602.2	10.4	0.43527	0.2846E-02	1.19413	0.1423E-02	1409.5
184	763.0	602.0	10.4	0.43527	0.2861E-02	1.19414	0.1438E-02	1408.9
184	763.5	601.8	9.4	0.43527	0.2868E-02	1.19416	0.1449E-02	1408.5
184	764.0	602.2	9.8	0.43527	0.2868E-02	1.19416	0.1449E-02	1408.3
184	764.5	601.8	10.2	0.43526	0.2838E-02	1.19410	0.1400E-02	1408.4
184	765.0	602.2	9.6	0.43528	0.2890E-02	1.19421	0.1491E-02	1406.1
184	765.5	602.7	9.6	0.43527	0.2861E-02	1.19415	0.1443E-02	1407.6
184	766.0	602.4	9.8	0.43527	0.2861E-02	1.19413	0.1423E-02	1406.6
184	766.5	602.4	10.2	0.43526	0.2831E-02	1.19415	0.1443E-02	1406.6
184	767.0	602.4	10.5	0.43526	0.2831E-02	1.19416	0.1446E-02	1406.3
184	767.5	602.1	10.5	0.43527	0.2853E-02	1.19411	0.1410E-02	1406.3
184	768.0	601.8	10.2	0.43525	0.2801E-02	1.19416	0.1449E-02	1407.1
184	768.5	602.1	9.9	0.43526	0.2838E-02	1.19417	0.1456E-02	1406.4

184	769.0	601.9	9.4	0.43527	0.2866E-02	1.19417	0.1456E-02	1405.6
184	769.5	602.3	9.7	0.43528	0.2890E-02	1.19412	0.1417E-02	1405.9
184	770.0	602.1	10.4	0.43527	0.2861E-02	1.19416	0.1446E-02	1402.7
184	770.5	602.1	10.2	0.43528	0.2890E-02	1.19418	0.1464E-02	1404.4
184	771.0	602.7	9.7	0.43527	0.2866E-02	1.19415	0.1439E-02	1403.4
184	771.5	602.3	10.2	0.43527	0.2866E-02	1.19413	0.1420E-02	1403.9
184	772.0	601.9	10.7	0.43528	0.2890E-02	1.19413	0.1426E-02	1402.9
184	772.5	601.9	10.4	0.43528	0.2875E-02	1.19419	0.1472E-02	1403.4
184	773.0	601.8	10.3	0.43528	0.2890E-02	1.19414	0.1433E-02	1403.4
184	773.5	602.6	10.2	0.43529	0.2913E-02	1.19412	0.1417E-02	1404.2
184	774.0	602.3	10.2	0.43529	0.2875E-02	1.19415	0.1443E-02	1403.9
184	774.5	602.7	9.8	0.43527	0.2866E-02	1.19411	0.1407E-02	1403.2
184	775.0	602.7	9.6	0.43528	0.2875E-02	1.19418	0.1462E-02	1403.9
184	775.5	602.8	10.0	0.43527	0.2866E-02	1.19411	0.1410E-02	1402.7
184	776.0	622.8	17.1	0.43538	0.3070E-02	1.19423	0.1504E-02	1404.2
184	776.5	693.3	18.9	0.43551	0.3413E-02	1.19455	0.1776E-02	1405.9
184	777.0	774.9	16.2	0.43569	0.3924E-02	1.19484	0.2022E-02	1405.6
184	777.5	852.6	15.0	0.43584	0.4175E-02	1.19508	0.2224E-02	1405.6
184	778.0	925.4	14.9	0.43605	0.4653E-02	1.19539	0.2481E-02	1405.4
184	779.5	1124.3	16.4	0.43681	0.6416E-02	1.19597	0.2970E-02	1406.1
184	780.0	1183.3	15.6	0.43729	0.7506E-02	1.19612	0.3090E-02	1403.9
184	780.5	1239.8	13.4	0.43816	0.9523E-02	1.19620	0.3162E-02	1404.2
184	781.0	1292.4	13.6	0.43965	0.1295E-01	1.19597	0.2964E-02	1402.0
184	781.5	1336.6	13.1	0.44165	0.1755E-01	1.19486	0.2035E-02	1401.5
184	782.0	1372.7	15.5	0.44615	0.2793E-01	1.19342	0.8310E-03	1401.5
184	782.5	1415.1	13.7	0.45339	0.4461E-01	1.18643	-0.3356E-02	1397.6
184	783.5	1400.7	9.3	0.46262	0.6587E-01	-9.99900	-0.9999E+04	1380.7
184	784.0	1416.5	13.2	0.46296	0.6642E-01	-9.99900	-0.9999E+04	1405.1
184	784.5	1448.2	12.0	0.46297	0.6669E-01	-9.99900	-0.9999E+04	1406.3
184	785.0	1483.4	11.0	0.46314	0.6706E-01	-9.99900	-0.9999E+04	1409.3
184	785.5	1509.7	11.5	0.46318	0.6715E-01	-9.99900	-0.9999E+04	1411.5
184	786.0	1526.9	9.5	0.46318	0.6712E-01	-9.99900	-0.9999E+04	1410.5
184	786.5	1537.1	8.6	0.46319	0.6718E-01	-9.99900	-0.9999E+04	1410.5

185	609.5	600.9	8.8	0.43447	0.1998E-02	1.18180	0.2348E-02	17.6
185	610.0	601.2	8.8	0.43446	0.1981E-02	1.18183	0.2371E-02	17.3
185	610.5	601.3	9.0	0.43452	0.2101E-02	1.18186	0.2396E-02	17.3
185	611.0	601.5	9.5	0.43453	0.2123E-02	1.18184	0.2385E-02	16.8
185	611.5	601.3	9.3	0.43446	0.1986E-02	1.18188	0.2418E-02	16.4
185	612.0	601.8	9.5	0.43447	0.2004E-02	1.18183	0.2378E-02	17.6
185	612.5	601.3	9.0	0.43454	0.2153E-02	1.18181	0.2358E-02	14.7
185	613.0	601.4	9.7	0.43442	0.2019E-02	1.18186	0.2403E-02	17.1
185	613.5	601.1	9.7	0.43453	0.2123E-02	1.18181	0.2362E-02	16.4
185	614.0	601.6	8.9	0.43455	0.2183E-02	1.18183	0.2372E-02	16.8
185	614.5	601.0	9.3	0.43448	0.2026E-02	1.18186	0.2398E-02	1989.5
185	615.0	601.6	8.6	0.43456	0.2196E-02	1.18182	0.2366E-02	1981.4
185	615.5	600.8	9.4	0.43446	0.1981E-02	1.18178	0.2332E-02	1977.3
185	616.0	601.8	9.1	0.43446	0.1974E-02	1.18182	0.2362E-02	1976.3
185	616.5	601.2	9.6	0.43445	0.1951E-02	1.18179	0.2342E-02	1978.3
185	617.0	601.4	8.8	0.43445	0.1959E-02	1.18185	0.2421E-02	1980.0
185	617.5	601.1	9.2	0.43450	0.2056E-02	1.18185	0.2391E-02	1983.6
185	618.0	601.5	9.6	0.43444	0.1921E-02	1.18182	0.2365E-02	1984.4
185	618.5	601.5	9.1	0.43445	0.1959E-02	1.18183	0.2375E-02	1987.3
185	619.0	602.2	9.6	0.43449	0.2034E-02	1.18177	0.2323E-02	1989.7
185	619.5	601.9	9.1	0.43444	0.1936E-02	1.18180	0.2345E-02	1989.3
185	620.0	601.8	9.8	0.43452	0.2105E-02	1.18180	0.2348E-02	1992.7
185	620.5	601.8	10.0	0.43446	0.1974E-02	1.18186	0.2396E-02	1994.1
185	621.0	601.5	9.8	0.43446	0.2026E-02	1.18185	0.2394E-02	1993.4
185	621.5	602.0	9.0	0.43441	0.1862E-02	1.18183	0.2378E-02	1995.6
185	622.0	601.5	9.2	0.43448	0.2025E-02	1.18185	0.2388E-02	1996.1
185	622.5	602.4	3.9	0.43453	0.2131E-02	1.18181	0.2358E-02	1996.8
185	623.0	602.4	8.6	0.43452	0.2116E-02	1.18180	0.2345E-02	1996.3
185	623.5	601.8	9.1	0.43447	0.1998E-02	1.18184	0.2381E-02	1996.6
185	624.0	601.9	9.9	0.43448	0.2019E-02	1.18185	0.2388E-02	1997.1
185	624.5	602.5	9.8	0.43449	0.2048E-02	1.18187	0.2408E-02	1997.3
185	625.0	602.3	9.4	0.43447	0.1998E-02	1.18191	0.2441E-02	1998.3
185	625.5	602.6	9.5	0.43454	0.2146E-02	1.18180	0.2345E-02	1997.8
185	626.0	601.7	9.3	0.43446	0.1966E-02	1.18183	0.2375E-02	1997.6
185	626.5	602.3	9.1	0.43446	0.1966E-02	1.18184	0.2385E-02	1996.5
185	627.0	602.7	9.4	0.43451	0.2078E-02	1.18178	0.2335E-02	1997.1
185	627.5	602.5	9.1	0.43433	0.1794E-02	1.18190	0.2437E-02	1998.0
185	628.0	602.4	8.9	0.43455	0.2176E-02	1.18180	0.2348E-02	1996.3
185	628.5	603.0	9.4	0.43449	0.2034E-02	1.18184	0.2385E-02	1996.8
185	629.0	602.6	9.1	0.43451	0.2093E-02	1.18184	0.2381E-02	1996.8
185	629.5	602.6	9.2	0.43445	0.1951E-02	1.18181	0.2356E-02	1995.8
185	630.0	602.5	9.0	0.43452	0.2101E-02	1.18180	0.2352E-02	1996.1
185	630.5	602.8	9.3	0.43449	0.2048E-02	1.18184	0.2361E-02	1994.4
185	631.0	603.0	10.0	0.43447	0.1984E-02	1.18183	0.2378E-02	1994.1
185	631.5	602.8	9.5	0.43451	0.2093E-02	1.18182	0.2365E-02	1994.6
185	632.0	602.6	9.3	0.43444	0.1929E-02	1.18184	0.2395E-02	1993.9
185	632.5	602.8	8.7	0.43447	0.2004E-02	1.18187	0.2411E-02	1993.4
185	633.0	603.0	8.9	0.43454	0.2161E-02	1.18187	0.2404E-02	1993.7
185	633.5	602.9	9.0	0.43450	0.2056E-02	1.18183	0.2345E-02	1992.2
185	634.0	602.7	9.5	0.43451	0.2098E-02	1.18187	0.2404E-02	1991.7
185	634.5	602.7	9.6	0.43445	0.1951E-02	1.18184	0.2381E-02	1991.9
185	635.0	602.5	9.2	0.43445	0.1951E-02	1.18183	0.2378E-02	1991.7
185	635.5	603.2	8.8	0.43447	0.1998E-02	1.18180	0.2345E-02	1989.5
185	636.0	603.2	9.6	0.43453	0.2123E-02	1.18182	0.2368E-02	1990.2
185	636.5	602.7	8.8	0.43453	0.2156E-02	1.18181	0.2355E-02	1990.0
185	637.0	602.9	9.1	0.43447	0.1989E-02	1.18185	0.2386E-02	1990.2
185	637.5	603.0	9.5	0.43452	0.2115E-02	1.18179	0.2342E-02	1988.3
185	638.0	603.2	9.7	0.43444	0.1929E-02	1.18184	0.2345E-02	1990.5
185	638.5	603.0	9.3	0.43450	0.2063E-02	1.18179	0.2339E-02	1991.5
185	639.0	602.7	9.5	0.43444	0.1936E-02	1.18185	0.2348E-02	1991.0

185	639.5	603.0	9.3	0.43449	0.2041E-02	1.18180	0.2352E-02	1992.2
185	640.0	602.9	9.6	0.43454	0.2146E-02	1.18181	0.2362E-02	1992.2
185	640.5	602.8	9.5	0.43450	0.2071E-02	1.18183	0.2378E-02	1991.9
185	641.0	603.0	9.3	0.43450	0.2063E-02	1.18182	0.2368E-02	1990.7
185	641.5	603.4	9.0	0.43449	0.2046E-02	1.18185	0.2391E-02	1990.7
185	642.0	602.9	9.7	0.43444	0.1929E-02	1.18182	0.2365E-02	1990.2
185	642.5	603.4	8.9	0.43441	0.1862E-02	1.18180	0.2352E-02	1990.2
185	643.0	603.0	8.8	0.43449	0.2041E-02	1.18180	0.2346E-02	1993.2
185	643.5	603.4	9.2	0.43447	0.1996E-02	1.18180	0.2345E-02	1994.1
185	644.0	603.3	8.9	0.43441	0.1862E-02	1.18186	0.2401E-02	1993.4
185	644.5	602.7	9.1	0.43454	0.2146E-02	1.18181	0.2355E-02	1993.2
185	645.0	603.1	9.5	0.43452	0.2118E-02	1.18188	0.2421E-02	1993.9
185	645.5	603.6	9.4	0.43452	0.2101E-02	1.18183	0.2375E-02	1993.2
185	646.0	603.5	9.7	0.43449	0.2034E-02	1.18180	0.2352E-02	1991.7
185	646.5	603.7	9.5	0.43445	0.1959E-02	1.18184	0.2385E-02	1992.7
185	647.0	603.3	8.8	0.43444	0.2011E-02	1.18180	0.2346E-02	1995.1
185	647.5	603.5	9.5	0.43446	0.1966E-02	1.18181	0.2355E-02	1995.1
185	648.0	603.2	9.2	0.43450	0.2056E-02	1.18181	0.2358E-02	1995.4
185	648.5	603.3	9.5	0.43447	0.1969E-02	1.18187	0.2408E-02	1997.6
185	649.0	603.3	9.3	0.43446	0.1981E-02	1.18182	0.2364E-02	2000.5
185	649.5	603.4	9.0	0.43451	0.2072E-02	1.18184	0.2385E-02	2002.7
185	650.0	603.6	8.7	0.43447	0.1995E-02	1.18188	0.2421E-02	2003.2
185	650.5	603.4	9.2	0.43447	0.1989E-02	1.18187	0.2409E-02	2003.9
185	651.0	603.8	9.2	0.43451	0.2078E-02	1.18178	0.2335E-02	2004.6
185	651.5	603.6	9.4	0.43452	0.2108E-02	1.18186	0.2396E-02	2004.2
185	652.0	604.0	9.2	0.43449	0.2048E-02	1.18181	0.2355E-02	2005.1
185	652.5	603.6	9.4	0.43445	0.1959E-02	1.18185	0.2391E-02	2004.9
185	653.0	603.6	9.5	0.43447	0.1996E-02	1.18188	0.2418E-02	2003.9
185	653.5	603.8	9.8	0.43452	0.2101E-02	1.18182	0.2365E-02	2003.9
185	654.0	603.6	9.8	0.43448	0.2019E-02	1.18183	0.2375E-02	2003.4
185	654.5	603.9	9.2	0.43451	0.2093E-02	1.18185	0.2391E-02	2002.9
185	655.0	603.7	9.3	0.43449	0.2033E-02	1.18180	0.2348E-02	2002.0
185	655.5	603.4	9.0	0.43450	0.2063E-02	1.18183	0.2375E-02	2002.2
185	656.0	603.8	9.0	0.43449	0.2033E-02	1.18191	0.2441E-02	2001.0
185	656.5	603.9	9.3	0.43450	0.2071E-02	1.18184	0.2381E-02	2002.2
185	657.0	604.0	9.6	0.43449	0.2034E-02	1.18184	0.2391E-02	2001.7
185	657.5	604.0	9.5	0.43445	0.1951E-02	1.18188	0.2421E-02	2003.2
185	658.0	603.7	9.6	0.43451	0.2093E-02	1.18186	0.2401E-02	2003.4
185	658.5	603.8	9.7	0.43446	0.1966E-02	1.18185	0.2386E-02	2003.7
185	659.0	603.6	9.2	0.43449	0.2041E-02	1.18190	0.2434E-02	2004.2
185	659.5	604.0	7.7	0.43445	0.2400E-02	1.18187	0.2408E-02	1991.5
185	660.0	604.3	10.2	0.43490	0.2983E-02	1.18190	0.2437E-02	2006.1
185	660.5	604.3	9.6	0.43449	0.2953E-02	1.18195	0.2474E-02	2013.7
185	661.0	604.7	10.3	0.43448	0.2931E-02	1.18200	0.2516E-02	2014.9
185	661.5	604.8	9.8	0.43495	0.3095E-02	1.18187	0.2411E-02	2014.9
185	662.0	605.0	9.7	0.43493	0.3058E-02	1.18194	0.2467E-02	2015.6
185	662.5	605.7	9.5	0.43495	0.3110E-02	1.18187	0.2404E-02	2015.9
185	663.0	605.3	9.1	0.43448	0.2931E-02	1.18190	0.2434E-02	2015.1
185	663.5	605.4	9.1	0.43496	0.3125E-02	1.18187	0.2408E-02	2017.6
185	664.0	605.2	9.7	0.43447	0.2908E-02	1.18192	0.2451E-02	2016.4
185	664.5	605.8	10.1	0.43447	0.2916E-02	1.18192	0.2450E-02	2017.3
185	665.0	605.9	10.0	0.43446	0.2843E-02	1.18190	0.2437E-02	2016.1
185	665.5	605.6	10.3	0.43445	0.2872E-02	1.18191	0.2441E-02	2016.9
185	666.0	605.9	9.6	0.43449	0.2953E-02	1.18193	0.2457E-02	2015.9
185	666.5	605.8	9.6	0.43482	0.2795E-02	1.18189	0.2424E-02	2017.3
185	667.0	605.9	10.2	0.43491	0.3013E-02	1.18189	0.2424E-02	2016.4
185	667.5	605.8	9.9	0.43491	0.3005E-02	1.18186	0.2401E-02	2016.1
185	668.0	605.8	9.5	0.43490	0.2751E-02	1.18190	0.2434E-02	2015.1
185	668.5	606.1	9.9	0.43445	0.2863E-02	1.18187	0.2411E-02	2016.1
185	669.0	606.2	9.2	0.43496	0.3118E-02	1.18184	0.2381E-02	2014.7

185	669.5	606.1	10.0	0.43495	0.3095E-02	1.18183	0.2371E-02	2014.4
185	670.0	606.2	9.7	0.43487	0.2908E-02	1.18190	0.2434E-02	2013.4
185	670.5	606.5	9.9	0.43480	0.2968E-02	1.18190	0.2437E-02	2012.9
185	671.0	605.8	10.3	0.43493	0.3058E-02	1.18193	0.2460E-02	2014.7
185	671.5	606.1	9.9	0.43492	0.3028E-02	1.18193	0.2457E-02	2013.4
185	672.0	606.4	10.0	0.43491	0.3013E-02	1.18186	0.2396E-02	2012.5
185	672.5	606.7	9.9	0.43497	0.2918E-02	1.18192	0.2454E-02	2012.0
185	673.0	606.3	9.9	0.43493	0.3053E-02	1.18185	0.2388E-02	2011.5
185	673.5	606.5	9.7	0.43494	0.3040E-02	1.18188	0.2421E-02	2012.7
185	674.0	606.5	10.0	0.43495	0.3095E-02	1.18189	0.2424E-02	2011.7
185	674.5	606.5	9.7	0.43493	0.3090E-02	1.18189	0.2427E-02	2011.0
185	675.0	606.5	9.9	0.43491	0.3013E-02	1.18192	0.2450E-02	2010.5
185	675.5	606.3	10.0	0.43491	0.3013E-02	1.18197	0.2490E-02	2009.4
185	676.0	606.8	9.9	0.43491	0.3020E-02	1.18186	0.2414E-02	2010.5
185	676.5	606.5	10.0	0.43493	0.3054E-02	1.18185	0.2388E-02	2010.7
185	677.0	606.8	9.5	0.43493	0.3050E-02	1.18189	0.2427E-02	2010.0
185	677.5	606.7	9.7	0.43488	0.2946E-02	1.18189	0.2424E-02	2008.3
185	678.0	606.8	10.0	0.43493	0.3050E-02	1.18186	0.2401E-02	2008.3
185	678.5	606.8	10.4	0.43487	0.2904E-02	1.18190	0.2437E-02	2010.5
185	679.0	606.9	9.8	0.43486	0.2886E-02	1.18186	0.2401E-02	2010.7
185	679.5	607.1	10.0	0.43492	0.3043E-02	1.18191	0.2441E-02	2009.5
185	680.0	606.8	10.0	0.43490	0.2990E-02	1.18189	0.2424E-02	2010.0
185	680.5	606.7	9.8	0.43490	0.2990E-02	1.18195	0.2477E-02	2008.1
185	681.0	606.9	9.7	0.43488	0.2931E-02	1.18188	0.2418E-02	2009.9
185	681.5	607.1	9.1	0.43492	0.3028E-02	1.18191	0.2441E-02	2008.3
185	682.0	607.0	9.8	0.43491	0.2998E-02	1.18185	0.2388E-02	2009.0
185	682.5	606.9	10.1	0.43498	0.3152E-02	1.18184	0.2381E-02	2008.3
185	683.0	606.9	10.2	0.43486	0.2886E-02	1.18197	0.2490E-02	2007.4
185	683.5	607.0	9.9	0.43490	0.2990E-02	1.18191	0.2444E-02	2006.8
185	684.0	606.9	10.4	0.43494	0.3088E-02	1.18193	0.2457E-02	2007.3
185	684.5	607.0	10.2	0.43497	0.3147E-02	1.18183	0.2375E-02	2006.8
185	685.0	607.1	9.3	0.43484	0.2841E-02	1.18183	0.2371E-02	2007.8
185	685.5	606.8	9.5	0.43485	0.2863E-02	1.18188	0.2414E-02	2007.8
185	686.0	607.2	9.4	0.43485	0.2871E-02	1.18193	0.2457E-02	2007.3
185	686.5	607.2	10.0	0.43488	0.2931E-02	1.18190	0.2431E-02	2006.3
185	687.0	606.8	9.8	0.43483	0.2820E-02	1.18193	0.2457E-02	2007.3
185	687.5	607.2	10.2	0.43484	0.2968E-02	1.18187	0.2404E-02	2006.8
185	688.0	606.8	9.7	0.43492	0.3035E-02	1.18190	0.2431E-02	2007.1
185	688.5	607.0	9.5	0.43494	0.3088E-02	1.18190	0.2434E-02	2007.4
185	689.0	606.9	10.1	0.43487	0.2910E-02	1.18193	0.2460E-02	2006.8
185	689.5	606.8	10.2	0.43499	0.2953E-02	1.18189	0.2427E-02	2005.1
185	690.0	606.9	10.4	0.43494	0.3073E-02	1.18187	0.2411E-02	2007.0
185	690.5	610.5	9.7	0.43494	0.3088E-02	1.18195	0.2477E-02	2006.8
185	691.0	656.6	13.8	0.43508	0.3402E-02	1.18237	0.2831E-02	2008.3
185	691.5	736.6	17.0	0.43526	0.3813E-02	1.18244	0.2884E-02	2010.0
185	692.0	820.4	13.0	0.43550	0.4359E-02	1.18259	0.3020E-02	2008.3
185	692.5	900.1	15.7	0.43572	0.4867E-02	1.18269	0.3106E-02	2008.8
185	693.0	976.5	16.1	0.43595	0.5413E-02	1.18276	0.3165E-02	2010.5
185	693.5	1046.9	13.4	0.43627	0.6145E-02	1.18267	0.3083E-02	2010.0
185	694.0	1116.9	17.0	0.43684	0.7461E-02	1.18248	0.2928E-02	2010.0
185	694.5	1180.9	17.2	0.43763	0.9270E-02	1.18193	0.2457E-02	2004.5
185	695.0	1242.0	13.8	0.43881	0.1200E-01	1.18143	0.2035E-02	2007.6
185	695.5	1297.4	15.8	0.44284	0.2129E-01	1.18378	0.4031E-02	2006.8
185	696.0	1344.5	17.7	-9.99900	-9.9999E+04	1.18012	0.9255E-03	1956.2
185	697.0	1299.4	18.1	-9.99900	-9.9999E+04	1.20637	0.2310E-01	1902.1
185	697.5	1327.6	15.1	-9.99900	-9.9999E+04	1.20701	0.2373E-01	2004.2
185	698.0	1371.6	16.8	-9.99900	-9.9999E+04	1.20554	0.2252E-01	2000.0
185	698.5	1408.1	12.3	-9.99900	-9.9999E+04	1.20601	0.2286E-01	2012.9
185	699.0	1435.2	11.4	-9.99900	-9.9999E+04	1.20682	0.2357E-01	2015.4
185	699.5	1454.8	11.8	-9.99900	-9.9999E+04	1.20721	0.2390E-01	2016.1

185	700.0	1470.2	12.0-9.49930	-0.9999E+04	1.20725	0.2394E-01	2017.6
185	700.5	1480.5	11.4-9.49900	-0.9999E+04	1.20772	0.2433E-01	2016.6

300	480.0	641.2	-0.3	0.43469	0.1756E-02	1.17186	0.1557E-02	99.5
300	480.5	640.8	0.1	0.43470	0.1778E-02	1.17187	0.1563E-02	99.6
300	481.0	641.2	-0.2	0.43470	0.1793E-02	1.17185	0.1550E-02	99.5
300	481.5	640.7	0.1	0.43467	0.1711E-02	1.17186	0.1557E-02	99.0
300	482.0	640.9	0.2	0.43476	0.1920E-02	1.17187	0.1567E-02	99.4
300	482.5	641.3	0.2	0.43471	0.1808E-02	1.17186	0.1557E-02	99.6
300	483.0	641.2	-0.2	0.43467	0.1703E-02	1.17184	0.1540E-02	99.6
300	483.5	641.5	-0.2	0.43471	0.1802E-02	1.17182	0.1520E-02	99.5
300	484.0	641.8	0.2	0.43471	0.1808E-02	1.17184	0.1537E-02	99.5
300	484.5	641.5	0.2	0.43471	0.1800E-02	1.17184	0.1540E-02	99.6
300	485.0	642.2	0.2	0.43469	0.1756E-02	1.17183	0.1533E-02	99.5
300	485.5	642.1	-0.1	0.43471	0.1800E-02	1.14952	-0.1754E-01	99.4
300	485.5	655.0	-0.2	0.43470	0.1793E-02	1.17191	0.1602E-02	99.5
300	505.5	672.1	0.2	0.43475	0.1905E-02	1.17195	0.1633E-02	99.7
300	515.5	692.1	0.0	0.43476	0.1927E-02	1.17206	0.1729E-02	99.6
300	525.5	711.2	0.2	0.43482	0.2062E-02	1.17215	0.1799E-02	99.4
300	535.5	731.0	-0.3	0.43497	0.2181E-02	1.17216	0.1832E-02	99.4
300	545.5	751.0	0.1	0.43492	0.2290E-02	1.17223	0.1875E-02	99.5
300	555.5	768.9	0.0	0.43494	0.2346E-02	1.17230	0.1935E-02	99.2
300	565.5	787.3	0.2	0.43492	0.2295E-02	1.17239	0.2008E-02	99.6
300	575.5	806.4	0.1	0.43496	0.2437E-02	1.17246	0.2064E-02	99.5
300	585.5	827.1	0.1	0.43503	0.2549E-02	1.17245	0.2403E-02	99.5
300	595.5	847.1	-0.4	0.43508	0.2659E-02	1.17257	0.2161E-02	99.2
300	605.5	865.8	0.0	0.43513	0.2779E-02	1.16156	-0.7245E-02	99.1
300	615.5	883.8	-0.1	0.43515	0.2831E-02	1.17272	0.2290E-02	99.5
300	625.5	903.0	0.0	0.43519	0.2913E-02	1.17275	0.2313E-02	99.5
300	635.5	920.5	0.0	0.43525	0.3041E-02	1.17276	0.2343E-02	99.4
300	645.5	939.3	0.1	0.43532	0.3212E-02	1.17289	0.2436E-02	99.2
300	655.5	957.6	0.0	0.43531	0.3183E-02	1.17292	0.2457E-02	99.3
300	665.5	975.0	0.2	0.43537	0.3333E-02	1.17300	0.2532E-02	99.0
300	675.5	992.0	0.4	0.43537	0.3317E-02	1.17309	0.2599E-02	99.5
300	685.5	1008.9	0.3	0.43542	0.3451E-02	1.17312	0.2635E-02	99.3
300	695.5	1024.9	0.6	0.43550	0.3616E-02	1.17312	0.2635E-02	99.1
300	705.5	1041.4	0.4	0.43551	0.3659E-02	1.17469	0.4145E-02	98.9
300	715.5	1058.2	0.6	0.43556	0.3758E-02	1.17325	0.2745E-02	99.5
300	725.5	1073.3	0.2	0.43561	0.3870E-02	1.17328	0.2765E-02	99.1
300	735.5	1089.1	0.4	0.43564	0.3952E-02	1.16206	-0.6618E-02	99.3
300	745.5	1105.2	0.5	0.43567	0.4013E-02	1.17156	0.3118E-02	99.1
300	755.5	1120.7	0.7	0.43572	0.4133E-02	1.17343	0.2901E-02	99.3
300	765.5	1137.9	0.7	0.43580	0.4318E-02	1.17352	0.2977E-02	98.9
300	775.5	1154.2	0.6	0.43581	0.4330E-02	1.17354	0.2990E-02	99.1
300	785.5	1170.9	0.4	0.43589	0.4535E-02	1.17359	0.3024E-02	98.7
300	795.5	1188.2	0.4	0.43596	0.4687E-02	1.17361	0.3047E-02	99.0
300	805.5	1205.7	0.9	0.43597	0.4706E-02	1.17367	0.3100E-02	99.1
300	815.5	1223.3	1.0	0.43603	0.4857E-02	1.17374	0.3160E-02	99.1
300	825.5	1240.6	1.0	0.43606	0.4916E-02	1.17409	0.4221E-02	99.0
300	835.5	1258.8	0.9	0.43613	0.5087E-02	1.17382	0.3232E-02	99.1
300	845.5	1276.2	1.1	0.43622	0.5282E-02	1.17384	0.3249E-02	99.4
300	855.5	1292.9	1.1	0.43626	0.5371E-02	1.17386	0.3306E-02	99.1
300	865.5	1310.1	1.1	0.43631	0.5501E-02	1.17397	0.3362E-02	99.1
300	875.5	1327.1	1.0	0.43635	0.5580E-02	1.17405	0.3425E-02	99.1
300	885.5	1343.3	1.1	0.43639	0.5670E-02	1.17413	0.3492E-02	99.1
300	895.5	1360.0	1.4	0.43644	0.5782E-02	1.17375	0.3173E-02	99.3
300	905.5	1376.4	1.1	0.43656	0.6059E-02	1.17427	0.3614E-02	99.2
300	915.5	1392.9	1.3	0.43653	0.6006E-02	1.17435	0.3481E-02	98.9
300	925.5	1409.0	1.1	0.43670	0.6344E-02	1.17434	0.3717E-02	98.9
300	935.5	1424.7	1.1	0.43675	0.6494E-02	1.17441	0.3737E-02	99.0
300	945.5	1441.2	1.8	0.43682	0.6664E-02	1.17443	0.3754E-02	98.9
300	955.5	1457.2	1.8	0.43711	0.7329E-02	1.17449	0.3807E-02	99.2
300	965.5	1473.9	1.7	0.43720	0.7538E-02	1.17449	0.3804E-02	99.0

300	975.5	1441.0	1.6	0.43700	0.7224E-02	1.17458	0.3876E-02	99.0
300	985.5	1507.7	1.6	0.43742	0.8061E-02	1.17452	0.3827E-02	98.4
300	995.5	1523.9	1.7	0.43755	0.8345E-02	1.17455	0.3852E-02	98.6
300	1005.5	1540.7	1.7	0.43771	0.8718E-02	1.17459	0.3887E-02	98.6
00	1015.5	1556.4	2.0	0.43778	0.8882E-02	1.17456	0.3880E-02	98.9
300	1025.5	1571.5	2.0	0.43748	0.9107E-02	1.17451	0.3820E-02	98.8
300	1028.5	1574.0	2.0	0.43704	0.9258E-02	1.17452	0.3827E-02	98.5
300	1027.5	1576.2	1.8	0.43792	0.9211E-02	1.17450	0.3893E-02	99.0
300	1029.5	1576.2	1.9	0.43801	0.9405E-02	1.17458	0.3843E-02	98.7
300	1029.5	1580.2	1.9	0.43798	0.9346E-02	1.17460	0.3890E-02	99.0
300	1030.5	1582.1	1.9	0.43799	0.9375E-02	1.17470	0.3979E-02	98.9
300	1031.5	1583.6	1.8	0.43804	0.9480E-02	1.17470	0.3974E-02	99.0
300	1032.5	1585.2	2.0	0.43805	0.9495E-02	1.17433	0.3604E-02	98.7
300	1033.5	1587.0	1.9	0.43805	0.9495E-02	1.16265	-0.6319E-02	98.6
300	1034.5	1588.3	2.2	0.43812	0.9674E-02	1.17457	0.3870E-02	98.8
300	1035.5	1590.0	2.0	0.43812	0.9674E-02	1.16270	-0.6271E-02	98.7
300	1036.5	1591.6	2.1	0.43820	0.9854E-02	1.17451	0.3820E-02	98.8
300	1037.5	1593.2	2.2	0.43825	0.9838E-02	1.17459	0.3890E-02	98.7
300	1038.5	1594.6	1.9	0.43835	0.9953E-02	1.17456	0.3800E-02	99.1
300	1039.5	1596.6	1.8	0.43825	0.9973E-02	1.17454	0.3847E-02	98.4
300	1040.5	1598.2	2.0	0.43824	0.9940E-02	1.17459	0.3886E-02	98.8
300	1041.5	1598.7	2.1	0.43832	0.1012E-01	1.16267	-0.6296E-02	99.0
300	1042.5	1600.4	2.1	0.43829	0.1005E-01	1.17502	0.4252E-02	98.5
300	1043.5	1602.0	2.5	-9.99900	-0.9999E+04	1.17495	0.4195E-02	98.5
300	1044.5	1603.9	2.4	-9.99900	-0.9999E+04	1.17529	0.4490E-02	99.1
300	1045.5	1605.5	1.8	-9.99900	-0.9999E+04	1.17536	0.4547E-02	98.9
300	1046.5	1607.0	2.4	-9.99900	-0.9999E+04	1.17546	0.4633E-02	98.7
300	1047.5	1608.9	2.1	-9.99900	-0.9999E+04	1.17555	0.4706E-02	98.5
300	1048.5	1610.7	2.3	-9.99900	-0.9999E+04	1.17606	0.5144E-02	98.9
300	1049.5	1612.1	2.3	-9.99900	-0.9999E+04	1.17553	0.4693E-02	99.0
00	1050.5	1613.9	2.0	-9.99900	-0.9999E+04	1.17574	0.4672E-02	98.8
300	1051.5	1615.3	2.4	-9.99900	-0.9999E+04	1.17579	0.4912E-02	98.5
300	1052.5	1617.1	2.1	-9.99900	-0.9999E+04	1.17570	0.4639E-02	99.0
300	1053.5	1619.3	2.2	-9.99900	-0.9999E+04	1.17562	0.4773E-02	98.8
300	1054.5	1621.0	2.1	-9.99900	-0.9999E+04	1.17575	0.4879E-02	98.8
300	1055.5	1622.5	1.7	-9.99900	-0.9999E+04	1.17585	0.4965E-02	99.0
300	1056.5	1624.0	2.2	-9.99900	-0.9999E+04	1.17576	0.4892E-02	98.7
300	1057.5	1625.6	2.0	-9.99900	-0.9999E+04	1.17579	0.4912E-02	98.3
300	1058.5	1627.0	2.2	-9.99900	-0.9999E+04	1.17587	0.4985E-02	98.7
300	1059.5	1628.9	2.0	-9.99900	-0.9999E+04	1.17592	0.5025E-02	99.0
300	1060.5	1630.0	1.9	-9.99900	-0.9999E+04	1.17597	0.5065E-02	98.9
300	1061.5	1631.6	1.8	-9.99900	-0.9999E+04	1.15039	-0.1679E-01	99.1
300	1062.5	1632.2	1.8	-9.99900	-0.9999E+04	1.17597	0.5065E-02	98.8
300	1063.5	1634.2	2.3	-9.99900	-0.9999E+04	1.17599	0.5085E-02	98.8
300	1064.5	1635.1	2.0	-9.99900	-0.9999E+04	1.17611	0.5184E-02	99.0
300	1065.5	1636.5	2.4	-9.99900	-0.9999E+04	1.17611	0.5191E-02	98.9
300	1066.5	1638.1	2.2	-9.99900	-0.9999E+04	1.17617	0.5237E-02	98.7
300	1067.5	1639.2	2.2	-9.99900	-0.9999E+04	1.17620	0.5264E-02	98.5
300	1068.5	1640.8	2.4	-9.99900	-0.9999E+04	1.17624	0.5297E-02	98.8
300	1069.5	1642.2	1.9	-9.99900	-0.9999E+04	1.17641	0.5443E-02	99.0
300	1070.5	1643.9	1.8	-9.99900	-0.9999E+04	1.17549	0.4653E-02	99.0
300	1071.5	1645.6	2.0	-9.99900	-0.9999E+04	1.17650	0.5523E-02	98.9
300	1072.5	1647.2	2.2	-9.99900	-0.9999E+04	1.17652	0.5535E-02	98.9
300	1074.0	1650.0	2.1	-9.99900	-0.9999E+04	1.17661	0.5616E-02	99.1
300	1075.0	1651.3	2.1	-9.99900	-0.9999E+04	1.18327	0.1130E-01	98.9
300	1076.0	1653.4	2.1	-9.99900	-0.9999E+04	1.17664	0.5642E-02	99.0
300	1077.0	1655.3	2.0	-9.99900	-0.9999E+04	1.17674	0.5722E-02	98.9
300	1078.0	1657.4	2.0	-9.99900	-0.9999E+04	1.17685	0.5841E-02	98.6
300	1079.0	1659.1	2.0	-9.99900	-0.9999E+04	1.17687	0.5835E-02	98.6
300	1080.0	1659.9	2.1	-9.99900	-0.9999E+04	1.17687	0.5835E-02	99.0

300 1081.0	1661.6	2.1-9.99900	-.9999E+04	1.17700	0.5946E-02	98.6
300 1082.0	1663.5	2.3-9.99900	-.9999E+04	1.17469	0.5969E-02	98.6
300 1083.0	1665.5	2.0-9.99900	-.9999E+04	1.17699	0.5941E-02	98.6
300 1084.0	1667.3	2.5-9.99900	-.9999E+04	1.17724	0.6153E-02	98.7
300 1085.0	1669.3	1.8-9.99900	-.9999E+04	1.17736	0.6253E-02	98.9
300 1086.0	1670.5	2.3-9.99900	-.9999E+04	1.17590	0.5012E-02	99.0
300 1087.0	1672.8	2.3-9.99900	-.9999E+04	1.17338	0.2854E-02	98.0
300 1088.0	1674.4	2.4-9.99900	-.9999E+04	1.17729	0.6193E-02	99.0
300 1089.0	1674.0	2.1-9.99900	-.9999E+04	1.17742	0.6306E-02	98.0
300 1090.0	1673.5	2.1-9.99900	-.9999E+04	1.17746	0.6339E-02	98.9
300 1091.0	1673.9	2.4-9.99900	-.9999E+04	1.17747	0.6352E-02	98.7
300 1092.0	1675.4	2.2-9.99900	-.9999E+04	1.17764	0.6442E-02	98.6
300 1093.0	1677.4	2.5-9.99900	-.9999E+04	1.17776	0.6596E-02	98.6
300 1094.0	1679.2	2.7-9.99900	-.9999E+04	1.17765	0.6505E-02	98.8
300 1095.0	1681.3	2.3-9.99900	-.9999E+04	1.17768	0.6525E-02	98.6
300 1096.0	1682.9	2.4-9.99900	-.9999E+04	1.17785	0.6678E-02	98.6
300 1097.0	1684.7	2.3-9.99900	-.9999E+04	1.17794	0.6791E-02	98.6
300 1098.0	1686.3	2.6-9.99900	-.9999E+04	1.17805	0.6844E-02	98.7
300 1099.0	1688.4	2.5-9.99900	-.9999E+04	1.17808	0.6870E-02	98.8
300 1100.0	1690.1	2.2-9.99900	-.9999E+04	1.17820	0.6970E-02	98.6
300 1101.0	1691.0	2.2-9.99900	-.9999E+04	1.17827	0.7030E-02	98.9
300 1102.0	1693.5	2.1-9.99900	-.9999E+04	1.17803	0.6830E-02	98.8
300 1103.0	1695.6	2.3-9.99900	-.9999E+04	1.17823	0.6996E-02	99.2
300 1104.0	1697.3	2.5-9.99900	-.9999E+04	1.17825	0.7016E-02	98.9
300 1105.0	1699.0	2.5-9.99900	-.9999E+04	1.17841	0.7156E-02	98.7
300 1106.0	1700.4	2.4-9.99900	-.9999E+04	1.17830	0.7056E-02	98.6
300 1107.0	1701.8	2.1-9.99900	-.9999E+04	1.13633	-.2710E-01	98.7
300 1108.0	1703.3	2.5-9.99900	-.9999E+04	1.17846	0.7196E-02	99.2
300 1109.0	1705.1	2.0-9.99900	-.9999E+04	1.17835	0.7103E-02	98.7
300 1110.0	1706.8	2.3-9.99900	-.9999E+04	1.17847	0.7202E-02	98.7
300 1111.0	1708.3	2.2-9.99900	-.9999E+04	1.17863	0.7341E-02	99.0
300 1112.0	1709.8	2.2-9.99900	-.9999E+04	1.17851	0.7235E-02	98.8
300 1113.0	1710.9	2.5-9.99900	-.9999E+04	1.17868	0.7381E-02	98.6
300 1114.0	1712.1	2.5-9.99900	-.9999E+04	1.17862	0.7326E-02	98.7
300 1115.0	1701.3	2.6-9.99900	-.9999E+04	1.17875	0.7441E-02	99.0
300 1116.0	1580.1	3.1-9.99900	-.9999E+04	1.17883	0.7514E-02	98.0
300 1117.0	1494.9	5.2-9.99900	-.9999E+04	1.17952	0.8096E-02	98.0
300 1118.0	1442.4	6.4-9.99900	-.9999E+04	1.18090	0.9286E-02	98.0
300 1119.0	1425.6	6.9-9.99900	-.9999E+04	1.18289	0.1099E-01	98.0
300 1120.0	1459.6	6.3-9.99900	-.9999E+04	1.18404	0.1196E-01	97.5
300 1122.0	1753.7	2.1-9.99900	-.9999E+04-9.99900		-.9999E+04	64.7
300 1122.5	1757.8	3.0-9.99900	-.9999E+04-9.99900		-.9999E+04	66.8

301	277.5	609.3	0.1	0.43331	0.2227E-02	1.18221	0.1391E-02	1399.0
301	278.0	609.8	0.2	0.43329	0.2189E-02	1.18219	0.1368E-02	1399.4
301	278.5	609.4	0.4	0.43332	0.2257E-02	1.18224	0.1414E-02	1399.1
301	279.0	609.6	0.4	0.43333	0.2279E-02	1.18220	0.1375E-02	1399.1
301	279.5	610.2	0.2	0.43340	0.2437E-02	1.18220	0.1375E-02	1398.6
301	280.0	610.4	0.4	0.43334	0.2302E-02	1.18217	0.1355E-02	1399.0
301	280.5	611.1	0.0	0.43334	0.2294E-02	1.18224	0.1411E-02	1399.1
301	281.0	611.7	0.3	0.43337	0.2369E-02	1.18227	0.1437E-02	1399.1
301	281.5	611.9	0.3	0.43334	0.2309E-02	1.18222	0.1398E-02	1399.0
301	282.0	612.6	0.2	0.43335	0.2332E-02	1.18216	0.1365E-02	1399.1
301	282.5	613.0	0.4	0.43331	0.2234E-02	1.18224	0.1414E-02	1399.0
301	292.5	627.7	0.4	0.43334	0.2309E-02	1.18229	0.1457E-02	1398.7
301	302.5	647.2	0.4	0.43348	0.2617E-02	1.18237	0.1526E-02	1398.3
301	312.5	667.9	0.2	0.43361	0.2924E-02	1.15632	-0.2054E-01	1397.6
301	322.5	687.0	0.5	0.43366	0.3052E-02	1.18255	0.1678E-02	1396.9
301	332.5	707.6	0.4	0.43374	0.3239E-02	1.18252	0.1851E-02	1397.9
301	342.5	727.1	0.5	0.43380	0.3367E-02	1.18261	0.1730E-02	1398.1
301	352.5	748.8	0.5	0.43392	0.3637E-02	1.18272	0.1822E-02	1399.2
301	362.5	769.2	0.3	0.43391	0.3614E-02	1.18271	0.1809E-02	1399.2
301	372.5	789.5	0.3	0.43399	0.3809E-02	1.18283	0.1914E-02	1398.6
301	382.5	809.1	0.5	0.43414	0.4154E-02	1.18283	0.1911E-02	1397.5
301	392.5	828.2	0.5	0.43416	0.4191E-02	1.18296	0.2020E-02	1397.3
301	402.5	849.7	0.3	0.43432	0.4559E-02	1.18308	0.2125E-02	1398.3
301	413.0	869.1	0.5	0.43445	0.4668E-02	1.18317	0.2204E-02	1399.5
301	423.0	888.5	0.4	0.43449	0.4458E-02	1.18319	0.2217E-02	1399.8
301	433.0	906.9	0.5	0.43462	0.5271E-02	1.18326	0.2276E-02	1400.7
301	443.0	924.8	0.5	0.43466	0.5361E-02	1.18333	0.2335E-02	1400.3
301	453.0	943.1	0.8	0.43470	0.5451E-02	1.18341	0.2405E-02	1399.9
301	463.0	961.0	0.5	0.43483	0.5743E-02	1.18348	0.2460E-02	1399.3
301	473.0	978.8	1.0	0.43490	0.5901E-02	1.18352	0.2493E-02	1398.5
301	483.0	994.6	0.9	0.43506	0.6283E-02	1.18352	0.2549E-02	1398.1
301	493.0	1012.0	0.7	0.43522	0.6651E-02	1.18361	0.2576E-02	1398.3
301	503.0	1028.3	0.6	0.43549	0.7265E-02	1.18371	0.2654E-02	1397.6
301	513.0	1044.1	0.8	0.43566	0.7670E-02	1.18376	0.2701E-02	1397.5
301	523.0	1060.4	0.9	0.43595	0.8345E-02	1.18385	0.2779E-02	1397.3
301	533.0	1075.7	1.2	0.43638	0.9342E-02	1.18385	0.2773E-02	1397.6
301	543.0	1092.0	1.0	0.43683	0.1037E-01	1.18390	0.2816E-02	1396.9
301	553.0	1108.0	0.9	0.43741	0.1172E-01	1.18399	0.2898E-02	1396.5
301	563.0	1125.1	1.1	0.43823	0.1362E-01	1.18405	0.2944E-02	1397.5
301	573.0	1141.0	1.3	0.43931	0.1612E-01	1.18390	0.2822E-02	1397.3
301	583.0	1158.0	1.1	0.44073	0.1939E-01	1.18364	0.2595E-02	1396.9
301	593.0	1175.1	1.3	0.44261	0.2375E-01	1.18309	0.2135E-02	1396.4
301	603.0	1191.8	1.2	0.44476	0.2871E-01	1.18229	0.1454E-02	1398.2
301	613.0	1210.9	1.2	0.44751	0.3507E-01	1.18101	0.3684E-03	1399.6
301	614.0	1213.1	1.5	0.44780	0.3575E-01	1.18086	0.2401E-03	1399.5
301	615.0	1214.6	1.4	0.44813	0.3652E-01	1.18068	0.8882E-04	1399.2
301	616.0	1216.5	1.2	0.44849	0.3734E-01	1.18053	-0.3950E-04	1399.5
301	617.0	1217.5	1.2	0.44875	0.3795E-01	1.18032	-0.2105E-03	1399.2
301	618.0	1219.2	1.4	0.44917	0.3891E-01	1.18011	-0.3415E-03	1399.1
301	619.0	1221.6	1.3	0.44948	0.3963E-01	1.17998	-0.5033E-03	1399.2
301	620.0	1224.0	1.3	0.44969	0.4012E-01	1.17978	-0.6744E-03	1399.3
301	621.0	1225.7	1.6	0.45017	0.4123E-01	1.17947	-0.9342E-03	1399.3
301	622.0	1227.5	1.4	0.45048	0.4194E-01	1.17933	-0.1049E-02	1399.4
301	623.0	1229.1	1.1	0.45093	0.4300E-01	1.17910	-0.1250E-02	1398.9
301	624.0	1230.6	1.2	0.45134	0.4395E-01	1.17888	-0.1434E-02	1398.4
301	625.0	1233.0	1.1	0.45179	0.4498E-01	1.17855	-0.1714E-02	1398.7
301	626.0	1234.4	1.5	0.45237	0.4631E-01	1.17829	-0.1934E-02	1398.7
301	627.0	1235.9	1.5	0.45311	0.4802E-01	1.17805	-0.2135E-02	1398.6
301	628.0	1237.0	1.6	0.45371	0.4942E-01	1.17776	-0.2385E-02	1398.4
301	629.0	1239.0	1.3	0.45573	0.5410E-01	1.17742	-0.2671E-02	1398.4

301	630.0	1241.2	1.4	0.45676	0.5648E-01	1.17706	-.2977E-02	1396.1
301	631.0	1243.5	1.2	-9.99900	-.9999E+04	1.17672	-.3206E-02	1396.2
301	632.0	1244.9	1.3	-9.99900	-.9999E+04	1.17532	-.3602E-02	1396.3
301	633.0	1247.0	1.3	0.45676	0.6017E-01	1.17591	-.3951E-02	1396.3
301	634.0	1248.2	1.1	-9.99900	-.9999E+04	1.17547	-.4322E-02	1397.7
301	635.0	1250.2	1.3	-9.99900	-.9999E+04	1.17506	-.4655E-02	1397.7
301	636.0	1252.6	1.4	0.46104	0.6638E-01	1.17467	-.4997E-02	1397.5
301	637.0	1254.0	1.2	0.46205	0.6872E-01	1.17396	-.5602E-02	1397.6
301	638.0	1255.4	1.4	-9.99900	-.9999E+04	1.17347	-.6016E-02	1397.5
301	639.0	1257.2	1.3	0.46412	0.7349E-01	1.17295	-.6454E-02	1397.0
301	640.0	1259.1	1.4	0.46523	0.7607E-01	1.17225	-.7052E-02	1397.0
301	641.0	1261.0	1.4	0.46657	0.7910E-01	1.17164	-.7566E-02	1396.9
301	642.0	1263.0	1.3	0.46812	0.8275E-01	1.17090	-.8191E-02	1396.9
301	643.0	1264.0	1.6	0.46911	0.8505E-01	1.17020	-.8786E-02	1396.3
301	644.0	1266.7	1.4	0.47074	0.8681E-01	1.16921	-.9625E-02	1396.6
301	645.0	1269.3	1.5	0.47230	0.9243E-01	1.16837	-.1033E-01	1396.3
301	646.0	1271.4	1.4	0.47377	0.9592E-01	1.16747	-.1110E-01	1396.1
301	647.0	1274.0	1.2	0.47570	0.1003E+00	1.16632	-.1207E-01	1395.6
301	648.0	1276.0	1.4	0.47751	0.1045E+00	1.16507	-.1313E-01	1395.5
301	649.0	1278.0	1.3	0.47952	0.1091E+00	1.16376	-.1424E-01	1395.5
301	650.0	1280.0	0.9	0.48215	0.1152E+00	1.16222	-.1554E-01	1395.0
301	651.0	1282.1	0.9	0.48502	0.1218E+00	1.16049	-.1701E-01	1394.7
301	652.0	1284.0	1.3	0.48773	0.1281E+00	1.15867	-.1856E-01	1394.5
301	653.0	1286.8	1.2	-9.99900	-.9999E+04	1.15665	-.2026E-01	1393.9
301	654.0	1288.3	1.6	-9.99900	-.9999E+04	1.15417	-.2236E-01	1393.4
301	655.0	1290.5	1.1	-9.99900	-.9999E+04	1.15148	-.2464E-01	1393.1
301	656.0	1292.8	1.4	-9.99900	-.9999E+04	1.14763	-.2790E-01	1392.5
301	657.0	1295.1	1.3	-9.99900	-.9999E+04	1.14285	-.3195E-01	1391.5
301	658.0	1298.3	1.5	-9.99900	-.9999E+04	1.13593	-.3782E-01	1391.0

302	253.0	634.8	0.0	0.43480	0.2376E-02	1.17515	0.1741E-02	100.5
302	254.5	634.9	0.0	0.43479	0.2339E-02	1.17514	0.1738E-02	100.5
302	259.0	635.0	0.0	0.43476	0.2279E-02	1.17515	0.1741E-02	100.3
302	259.5	635.0	0.1	0.43474	0.2347E-02	1.17517	0.1765E-02	99.9
302	260.0	634.5	0.0	0.43480	0.2375E-02	1.17513	0.1725E-02	99.4
302	260.5	634.9	0.1	0.43482	0.2414E-02	1.17511	0.1711E-02	99.6
302	261.0	634.8	0.2	0.43479	0.2347E-02	1.17512	0.1718E-02	99.4
302	261.5	634.9	0.2	0.43478	0.2309E-02	1.17517	0.1711E-02	99.6
302	262.0	634.8	0.2	0.43482	0.2414E-02	1.17517	0.1758E-02	99.4
302	262.5	635.0	0.3	0.43480	0.2354E-02	1.17508	0.1685E-02	99.6
302	263.0	635.0	0.2	0.43478	0.2324E-02	1.17516	0.1755E-02	99.2
302	263.5	635.2	0.1	0.43478	0.2309E-02	1.17512	0.1718E-02	99.1
302	273.5	635.2	0.2	0.43462	0.2414E-02	1.17512	0.1721E-02	99.3
302	283.5	636.4	0.2	0.43476	0.2279E-02	1.17520	0.1786E-02	98.7
302	284.5	642.3	0.9	0.43483	0.2429E-02	1.17519	0.1781E-02	99.0
302	285.5	671.7	2.7	0.43488	0.2556E-02	1.17540	0.1983E-02	94.2
302	286.5	743.0	3.6	0.43502	0.2662E-02	1.17564	0.2201E-02	99.0
302	287.5	844.1	3.9	0.43523	0.3363E-02	1.17603	0.2496E-02	99.5
302	288.5	955.6	3.9	0.43551	0.4013E-02	1.17641	0.2817E-02	99.3
302	289.5	1062.1	3.3	0.43571	0.4454E-02	1.17679	0.3142E-02	99.9
302	290.5	1162.5	3.5	0.43593	0.4962E-02	1.17713	0.3430E-02	94.6
302	291.5	1259.1	4.0	0.43614	0.5455E-02	1.17745	0.3701E-02	99.8
302	292.5	1353.0	4.1	0.43635	0.5941E-02	1.17774	0.3953E-02	99.3
302	293.5	1438.7	3.6	0.43642	0.6098E-02	1.17810	0.4257E-02	99.4
302	294.5	1519.9	4.3	0.43651	0.6307E-02	1.17830	0.4433E-02	99.5
302	295.5	1591.7	4.6	0.43656	0.6412E-02	1.17849	0.4595E-02	99.2
302	296.5	1633.9	5.2	0.43630	0.5829E-02	1.17844	0.4545E-02	99.1
302	297.5	1683.3	6.6	0.43630	0.5829E-02	1.18093	0.6670E-02	98.3
302	298.5	1809.1	6.2-9.99900	-9.9990E+04	1.18209	0.7657E-02	98.0	98.0
302	299.5	1970.0	5.5-9.99900	-9.9994E+04	1.18304	0.8471E-02	98.7	98.7
302	300.5	2042.0	4.4-9.99900	-9.9999E+04	1.18360	0.6948E-02	98.8	98.8
302	301.5	2067.4	5.7-9.99900	-9.9999E+04	1.18404	0.9325E-02	98.4	98.4
302	302.5	2168.5	6.3-9.99900	-9.9999E+04	1.18496	0.1011E-01	98.0	98.0

303	194.0	644.3	2.9	0.43474	0.2819E-02	1.18186	0.1761E-02	1398.5
303	194.5	644.3	2.9	0.43476	0.2766E-02	1.18186	0.1741E-02	1398.7
303	195.0	644.2	3.0	0.43475	0.2751E-02	1.18142	0.1791E-02	1399.0
303	195.5	643.9	2.4	0.43480	0.2254E-02	1.18186	0.1741E-02	1399.1
303	196.0	643.8	2.9	0.43477	0.2796E-02	1.18187	0.1746E-02	1399.1
303	196.5	643.7	2.7	0.43476	0.2775E-02	1.18190	0.1777E-02	1399.4
303	197.0	644.2	2.6	0.43477	0.2804E-02	1.18190	0.1774E-02	1399.5
303	197.5	644.4	2.8	0.43481	0.2886E-02	1.18187	0.1752E-02	1399.4
303	198.0	644.4	2.7	0.43479	0.2841E-02	1.18189	0.1766E-02	1399.9
303	198.5	644.2	2.8	0.43476	0.2826E-02	1.18190	0.1774E-02	1400.0
303	199.0	644.1	2.6	0.43476	0.2781E-02	1.18191	0.1782E-02	1400.4
303	199.5	644.4	2.9	0.43475	0.2751E-02	1.18190	0.1777E-02	1400.7
303	209.5	645.0	2.8	0.43474	0.2811E-02	1.18193	0.1805E-02	1402.5
303	219.5	650.7	3.4	0.43482	0.2423E-02	1.18195	0.1821E-02	1404.0
303	220.5	677.6	4.6	0.43490	0.3095E-02	1.18208	0.1930E-02	1405.2
303	221.5	741.3	6.1	0.43503	0.3395E-02	1.18233	0.2141E-02	1408.9
303	222.5	837.4	5.9	0.43520	0.3798E-02	1.18266	0.2418E-02	1414.3
303	223.5	947.2	6.5	0.43556	0.4626E-02	1.18302	0.2725E-02	1420.0
303	224.5	1056.2	6.3	0.43601	0.5660E-02	1.18337	0.3022E-02	1423.4
303	225.5	1157.2	6.1	0.43671	0.7267E-02	1.18371	0.3315E-02	1425.9
303	226.5	1251.9	6.2	0.43834	0.1103E-01	1.18409	0.3631E-02	1424.4
303	227.5	1343.8	6.2	-9.99900	-9.999E+04	1.18536	0.4713E-02	1421.9
303	229.0	1458.5	-1.6	0.42055	-3.000E-01	1.12003	-5.066E-01	1309.3

G : Biaxial Ramp Temperature Strain Data Zry-4
(In 20% O₂ - 80% Ar 1 atm)

306	231.0							
306	226.0	567.1	4.5	0.43471	0.2182E-02	1.16638	-.7412E-02	1394.7
306	226.5	567.1	4.3	0.43470	0.2167E-02	1.17669	0.1527E-02	1394.4
306	227.0	567.7	4.3	0.43477	0.2317E-02	1.17664	0.1487E-02	1394.7
306	227.5	567.0	4.3	0.43471	0.2197E-02	1.17692	0.1550E-02	1394.9
306	228.0	566.5	4.4	0.43473	0.2227E-02	1.16637	-.7420E-02	1395.0
306	228.5	566.4	4.0	0.43471	0.2182E-02	1.16646	-.7350E-02	1394.9
306	229.0	567.0	4.2	0.43472	0.2220E-02	1.16651	-.7307E-02	1394.8
306	229.5	569.2	4.5	0.43471	0.2197E-02	1.17691	0.1547E-02	1395.0
306	230.0	568.7	4.5	0.43476	0.2302E-02	1.17689	0.1527E-02	1395.0
306	230.5	568.8	4.2	0.43470	0.2175E-02	1.17692	0.1550E-02	1395.2
306	231.0	567.7	4.2	0.43465	0.2055E-02	1.15605	-.1621E-01	1394.6
306	231.5	567.6	4.6	0.43474	0.2249E-02	1.17684	0.1487E-02	1394.9
306	241.5	570.1	4.5	0.43473	0.2234E-02	1.16650	-.7317E-02	1394.4
306	251.5	569.9	4.3	0.43476	0.2294E-02	1.16653	-.7290E-02	1393.6
306	252.5	570.4	4.5	0.43473	0.2227E-02	1.16660	-.7227E-02	1393.6
306	253.5	576.9	5.5	0.43473	0.2242E-02	1.15616	-.1611E-01	1394.2
306	254.5	610.9	6.9	0.43485	0.2504E-02	1.16672	-.7122E-02	1396.3
306	255.5	685.5	8.0	0.43499	0.2832E-02	1.17734	0.1450E-02	1399.2
306	256.5	789.5	8.2	0.43521	0.3341E-02	1.16751	-.6451E-02	1400.9
306	257.5	902.2	8.0	0.43547	0.3944E-02	1.17805	0.2515E-02	1399.5
306	258.5	1011.8	7.7	0.43541	0.4716E-02	1.17633	0.2753E-02	1397.4
306	259.5	1110.9	7.3	0.43638	0.6040E-02	1.17875	0.3113E-02	1395.5
306	260.5	1208.2	7.7	0.43724	0.8019E-02	1.17895	0.3282E-02	1393.4
306	261.5	1300.4	7.0	0.43491	0.1417E-01	1.17895	0.3278E-02	1391.9
306	262.5	1388.9	8.0	0.44844	0.3384E-01	1.17563	0.4594E-03	1389.8
306	263.5	1475.4	34.6	-9.99900	-.9999E+04	1.15518	-.1695E-01	1377.5

307	234.0		4.1	0.43404	0.2055E-02	1.17224	0.1603E-02	99.6
307	229.0	627.7	4.1	0.43405	0.2093E-02	1.17223	0.1596E-02	99.5
307	229.5	628.0	4.3	0.43405	0.2085E-02	1.17225	0.1609E-02	99.5
07	230.0	627.1	3.8	0.43400	0.2115E-02	1.17224	0.1603E-02	99.7
307	230.5	627.6	4.3	0.43459	0.1943E-02	1.17223	0.1589E-02	98.6
307	231.0	626.7	3.7	0.43461	0.2003E-02	1.17221	0.1573E-02	99.6
307	231.5	627.2	3.9	0.43459	0.1958E-02	1.17225	0.1600E-02	99.5
307	232.0	627.0	4.5	0.43458	0.2152E-02	1.17217	0.1540E-02	99.5
307	232.5	626.6	4.6	0.43467	0.2123E-02	1.17229	0.1646E-02	99.4
307	233.0	627.0	4.4	0.43466	0.2100E-02	1.17227	0.1629E-02	99.5
307	233.5	626.6	4.3	0.43462	0.2025E-02	1.17230	0.1656E-02	99.5
307	234.0	626.5	4.3	0.43460	0.1966E-02	1.17226	0.1616E-02	99.5
307	234.5	626.2	4.3	0.43460	0.2100E-02	1.17230	0.1652E-02	99.6
307	244.5	626.1	4.3	0.43459	0.1958E-02	1.17226	0.1638E-02	99.1
307	254.5	628.0	5.2	0.43466	0.2103E-02	1.17234	0.1682E-02	99.4
307	255.5	640.1	7.0	0.43479	0.2414E-02	1.17260	0.1908E-02	99.7
307	256.5	686.6	7.4	0.43497	0.2632E-02	1.17290	0.2230E-02	99.7
307	257.5	775.5	7.6	0.43524	0.3445E-02	1.17340	0.2545E-02	99.9
307	258.5	867.1	7.4	0.43546	0.3954E-02	1.17375	0.2887E-02	100.2
307	259.5	1003.8	6.9	0.43575	0.4634E-02	1.17422	0.3295E-02	99.7
307	260.5	1111.4	7.0	0.43601	0.5217E-02	1.17450	0.3534E-02	99.9
307	261.5	1209.0	7.1	0.43620	0.5685E-02	1.17462	0.3808E-02	100.1
307	262.5	1301.6	7.6	0.43657	0.6517E-02	1.17516	0.4046E-02	99.9
307	263.5	1385.0	7.8	0.43675	0.6928E-02	1.17548	0.4370E-02	100.0
307	264.5	1464.1	8.0	0.43696	0.7405E-02	1.17575	0.4599E-02	99.9
307	265.5	1539.3	8.1	0.43694	0.7362E-02	1.17596	0.4781E-02	99.8
307	266.5	1590.6	9.1	0.43770	0.9110E-02	1.17645	0.5621E-02	99.3
307	267.5	1627.4	10.2	0.43899	0.1208E-01	1.17829	0.6772E-02	98.9
307	268.5	1703.0	9.9	0.44034	0.1521E-01	1.18018	0.8381E-02	98.2
307	269.5	1874.1	8.2	0.44281	0.2090E-01	1.18193	0.9878E-02	99.0
307	270.5	2028.8	8.1	0.44409	0.2524E-01	1.14775	-0.1932E-01	99.5
307	271.5	1773.0	20.8	0.45419	0.5866E-01	1.11945	-0.4350E-01	93.3
307	272.5	1481.5	24.8	-9.99900	-0.9999E+04	1.20731	0.3157E-01	90.0
307	273.5	1333.4						

308	172.5						
308	167.0	612.0	3.6	0.43460	0.1921E-02	1.16597	0.1220E-02
308	167.5	612.0	3.6	0.43462	0.1950E-02	1.16602	0.1260E-02
08	168.0	612.4	3.3	0.43458	0.1868E-02	1.16604	0.1281E-02
308	168.5	611.9	4.0	0.43460	0.1913E-02	1.16605	0.1267E-02
308	169.0	613.0	3.8	0.43460	0.1913E-02	1.16597	0.1220E-02
308	169.5	612.9	3.7	0.43456	0.1831E-02	1.16605	0.1284E-02
308	170.0	612.9	3.6	0.43462	0.1950E-02	1.16596	0.1204E-02
308	170.5	612.7	3.7	0.43455	0.1786E-02	1.16597	0.1214E-02
308	171.0	612.4	3.8	0.43457	0.1836E-02	1.16593	0.1181E-02
308	171.5	614.2	3.6	0.43461	0.1936E-02	1.16606	0.1297E-02
308	172.0	613.7	3.7	0.43456	0.1831E-02	1.16605	0.1287E-02
308	172.5	613.0	3.3	0.43461	0.1943E-02	1.16603	0.1264E-02
308	182.5	613.3	3.5	0.43464	0.1995E-02	1.16613	0.1351E-02
308	192.5	619.1	4.4	0.43459	0.1863E-02	1.16608	0.1314E-02
308	193.5	628.7	5.8	0.43469	0.2130E-02	1.16625	0.1457E-02
308	194.5	720.3	6.4	0.43487	0.2541E-02	1.16663	0.1784E-02
308	195.5	625.2	7.2	0.43503	0.2914E-02	1.16697	0.2071E-02
308	196.5	939.2	6.7	0.43535	0.3639E-02	1.16735	0.2404E-02
308	197.5	1047.9	7.1	0.43564	0.4305E-02	1.16770	0.2696E-02
308	198.5	1151.0	6.7	0.43616	0.5506E-02	1.16803	0.2984E-02
308	199.5	1244.2	6.9	0.43622	0.7032E-02	1.16834	0.3255E-02
308	200.5	1333.0	6.8	0.43634	0.1053E-01	1.16837	0.3275E-02
308	201.5	1416.1	6.6	0.44004	0.1446E-01	1.16801	0.2971E-02
308	202.5	1500.7	7.6	0.44459	0.2494E-01	1.16820	0.1410E-02
308	203.5	1581.0	7.2	0.46060	0.6184E-01	1.16006	-0.3862E-02

309	171.0						
309	168.0	630.4	3.3	0.43438	0.2355E-02	1.17294	0.1724E-02
309	166.5	630.6	3.3	0.43439	0.2379E-02	1.17294	0.1725E-02
04	167.0	629.1	3.2	0.43436	0.2311E-02	1.17286	0.1655E-02
309	167.5	629.6	3.3	0.43434	0.2259E-02	1.17295	0.1734E-02
309	168.0	629.1	3.4	0.43433	0.2252E-02	1.17290	0.1691E-02
309	168.5	629.0	3.1	0.43436	0.2306E-02	1.17290	0.1691E-02
309	169.0	630.1	3.1	0.43423	0.2012E-02	1.17286	0.1656E-02
309	169.5	630.1	3.1	0.43436	0.2304E-02	1.17284	0.1645E-02
309	170.0	629.5	3.6	0.43433	0.2252E-02	1.17284	0.1645E-02
309	170.5	629.8	3.4	0.43435	0.2296E-02	1.17289	0.1686E-02
309	171.0	629.2	3.2	0.43435	0.2289E-02	1.17279	0.1602E-02
309	171.5	629.0	3.2	0.43437	0.2341E-02	1.17289	0.1681E-02
309	161.5	631.1	3.1	0.43436	0.2319E-02	1.17290	0.1691E-02
309	191.5	633.2	3.6	0.43437	0.2341E-02	1.17289	0.1681E-02
309	192.5	652.4	5.2	0.43443	0.2476E-02	1.17298	0.1758E-02
309	193.5	712.4	7.7	0.43442	0.2902E-02	1.17330	0.2033E-02
309	194.5	811.1	6.8	0.43485	0.3449E-02	1.17364	0.2521E-02
309	195.5	923.2	6.6	0.43512	0.4069E-02	1.17404	0.2670E-02
309	196.5	1032.6	6.1	0.43541	0.4726E-02	1.17433	0.2915E-02
309	197.5	1133.6	5.9	0.43562	0.5229E-02	1.17477	0.3267E-02
309	198.5	1227.8	6.1	0.43598	0.6084E-02	1.17518	0.3638E-02
309	199.5	1318.9	6.4	0.43659	0.7465E-02	1.17553	0.3937E-02
309	200.5	1405.6	6.8	0.43707	0.8558E-02	1.17582	0.4185E-02
309	201.5	1488.6	7.0	0.43743	0.9395E-02	1.17625	0.4554E-02
309	202.5	1571.0	7.0	0.43790	0.1047E-01	1.17656	0.4814E-02
309	203.5	1619.5	7.7	-9.99900	-9.9999E+04	1.17617	0.4482E-02
309	204.5	1656.8	8.4	-9.99900	-9.9999E+04	1.17695	0.6855E-02
309	205.5	1734.6	9.5	-9.99900	-9.9999E+04	1.15432	0.1417E-01

310	435.0						
310	430.0	609.6	3.8	0.43461	0.2265E-02	1.12905	-.3056E-01
310	430.5	608.5	3.4	0.43467	0.2385E-02	1.14783	-.1443E-01
310	431.0	607.0	3.4	0.43462	0.2273E-02	1.12418	-.3045E-01
310	431.5	607.0	3.7	0.43461	0.2250E-02	1.11490	-.3842E-01
310	432.0	607.1	3.4	0.43466	0.2370E-02	1.12926	-.3038E-01
310	432.5	609.0	3.3	0.43469	0.2437E-02	1.12909	-.3053E-01
310	433.0	609.0	3.6	0.43463	0.2310E-02	1.11476	-.3854E-01
310	433.5	609.1	3.7	0.43461	0.2258E-02	1.12927	-.3037E-01
310	434.0	609.7	3.5	0.43464	0.2332E-02	1.12924	-.3040E-01
310	434.5	609.4	3.4	0.43471	0.2447E-02	1.13657	-.2239E-01
310	435.0	609.8	3.5	0.43466	0.2370E-02	1.12919	-.3044E-01
310	435.5	610.1	3.4	0.43468	0.2422E-02	1.12916	-.3046E-01
310	445.5	625.9	3.6	0.43467	0.2400E-02	1.12904	-.3050E-01
310	455.5	646.7	3.6	0.43468	0.2430E-02	1.13867	-.2230E-01
310	465.5	667.1	3.9	0.43470	0.2474E-02	1.15775	-.5919E-02
310	475.5	686.9	3.8	0.43483	0.2766E-02	1.14811	-.1414E-01
310	485.5	708.6	3.5	0.43486	0.2633E-02	1.15762	-.6024E-02
310	495.5	728.1	3.4	0.43489	0.2408E-02	1.16673	0.1794E-02
310	505.5	748.4	3.5	0.43492	0.2960E-02	1.16693	0.1964E-02
310	515.5	768.8	3.7	0.43496	0.3117E-02	1.16705	0.2074E-02
310	525.5	787.0	3.7	0.43499	0.3132E-02	1.16723	0.2221E-02
310	535.5	807.5	3.6	0.43507	0.3319E-02	1.16733	0.2311E-02
310	545.5	827.0	3.8	0.43517	0.3543E-02	1.16723	0.2227E-02
310	555.5	846.2	3.4	0.43520	0.3611E-02	1.16730	0.2281E-02
310	565.5	863.6	3.9	0.43526	0.3753E-02	1.16735	0.2331E-02
310	575.5	885.7	3.7	0.43537	0.4014E-02	1.16747	0.2431E-02
310	585.5	904.1	4.1	0.43547	0.4246E-02	1.16737	0.2341E-02
310	595.5	922.2	3.8	0.43555	0.4426E-02	1.16746	0.2437E-02
310	605.5	939.4	4.0	0.43560	0.4530E-02	1.16747	0.2434E-02
310	615.5	959.6	3.8	0.43573	0.4629E-02	1.16763	0.2571E-02
310	625.5	976.2	4.1	0.43582	0.5039E-02	1.16768	0.2784E-02
310	635.5	993.9	4.0	0.43601	0.5495E-02	1.16766	0.2597E-02
310	645.5	1010.0	3.8	0.43618	0.5863E-02	1.16768	0.2784E-02
310	655.5	1026.5	3.9	0.43635	0.6272E-02	1.16796	0.2851E-02
310	665.5	1043.3	3.7	0.43663	0.6907E-02	1.16807	0.2948E-02
310	675.5	1060.6	4.2	0.43695	0.7644E-02	1.16826	0.3111E-02
310	685.5	1079.6	4.4	0.43732	0.8500E-02	1.16808	0.2951E-02
310	695.5	1094.5	3.8	0.43778	0.9561E-02	1.16828	0.3124E-02
310	705.5	1111.9	3.9	0.43850	0.1123E-01	1.16806	0.2941E-02
310	715.5	1130.3	3.7	0.43941	0.1333E-01	1.16804	0.2924E-02
310	725.5	1148.2	4.1	0.44069	0.1624E-01	1.16780	0.2710E-02
310	735.5	1164.6	4.4	0.44253	0.2052E-01	1.16793	0.2824E-02
310	745.5	1184.0	4.5	0.44481	0.2577E-01	1.16666	0.1737E-02
310	755.5	1200.1	4.5	0.44769	0.3243E-01	1.16538	0.6335E-03
310	765.5	1221.3	4.5	0.45236	0.4319E-01	1.16375	-.7637E-03
310	775.5	1241.4	34.2	0.45926	0.5909E-01	1.16161	-.2431E-02
310	785.5	1257.4	59.1	0.47000	0.6387E-01	1.16136	-.2614E-02
310	786.5	1257.7	61.0	0.47166	0.8764E-01	1.16091	-.3204E-02
310	787.5	1260.7	62.5	0.47327	0.9142E-01	1.16095	-.3171E-02
310	788.5	1264.4	64.2	0.47499	0.9538E-01	1.16106	-.3074E-02
310	789.5	1265.0	66.5	0.47665	0.9966E-01	1.16093	-.3184E-02
310	790.5	1268.2	68.1	0.47847	0.1046E+00	1.16076	-.3311E-02
310	791.5	1270.5	70.1	0.48114	0.1096E+00	1.16076	-.3334E-02
310	792.5	1270.6	72.7	0.48377	0.1156E+00	1.16029	-.3731E-02
310	793.5	1273.9	75.4	0.48649	0.1219E+00	1.16044	-.3608E-02
310	794.5	1275.3	78.5	0.48955	0.1269E+00	1.15965	-.4111E-02
310	795.5	1277.9	82.7	0.49241	0.1367E+00	1.15963	-.4128E-02
310	796.5	1280.2	87.4	0.49670	0.1454E+00	1.15924	-.4595E-02
310	797.5	1284.1	94.8	0.50090	0.1551E+00	1.15858	-.5196E-02

310	798.5	1286.0	104.9	0.30381	0.1865E+00	1.15775	-.5915E-02	1341.6
310	799.5	1288.1	122.8	0.51139	0.1793E+00	1.15545	-.7892E-02	1349.6
310	800.5	1269.4	30.8	-9.99900	-.9999E+04	1.13905	-.2197E-01	1316.9
310	801.5	1188.6	32.7	-9.99900	-.9999E+04	1.15903	-.4814E-02	1379.0
310	802.5	1244.6	32.3	-9.99900	-.9999E+04	1.14888	-.1353E-01	1381.2
310	803.5	1305.2	20.9	-9.99900	-.9999E+04	1.14994	-.1282E-01	1384.1

311	218.5						
311	219.0	606.9	0.7	0.43489	0.2535E-03	1.16492	0.1360E-03
311	219.5	606.5	0.5	0.43487	0.2237E-03	1.16486	0.1032E-03
311	220.0	608.4	0.6	0.43486	0.2014E-03	1.16487	0.9327E-04
311	220.5	609.0	0.4	0.43488	0.2461E-03	1.16493	0.1433E-03
311	221.0	610.3	0.8	0.43488	0.2311E-03	1.16494	0.1533E-03
311	221.5	612.2	0.6	0.43485	0.1819E-03	1.16493	0.1433E-03
311	222.0	611.9	0.6	0.43492	0.3430E-03	1.16492	0.1367E-03
311	222.5	612.2	0.8	0.43489	0.2535E-03	1.16494	0.1532E-03
311	223.0	609.9	0.5	0.43486	0.1939E-03	1.16488	0.1033E-03
311	223.5	611.8	0.5	0.43489	0.2535E-03	1.16491	0.1266E-03
311	224.0	613.0	0.7	0.43488	0.2311E-03	1.16502	0.2233E-03
311	224.5	615.0	0.7	0.43485	0.1640E-03	1.16493	0.1433E-03
311	234.5	629.6	0.7	0.43490	0.2833E-03	1.16496	0.1733E-03
311	244.5	653.9	0.9	0.43484	0.2610E-03	1.16509	0.2866E-03
311	254.5	672.4	0.4	0.43496	0.4176E-03	1.16513	0.3200E-03
311	264.5	693.8	1.0	0.43499	0.4921E-03	1.16522	0.3933E-03
311	274.5	713.8	0.7	0.43506	0.6636E-03	1.16525	0.4233E-03
311	284.5	733.1	0.7	0.43510	0.7456E-03	1.16531	0.4766E-03
311	294.5	753.1	0.8	0.43508	0.7083E-03	1.16545	0.5900E-03
311	304.5	773.6	1.0	0.43510	0.7532E-03	1.16547	0.6134E-03
311	314.5	793.9	0.7	0.43521	0.9917E-03	1.16555	0.6767E-03
311	324.5	811.6	0.9	0.43523	0.1036E-02	1.16563	0.7467E-03
311	334.5	833.6	0.9	0.43527	0.1126E-02	1.16569	0.7967E-03
311	344.5	853.1	1.2	0.43527	0.1148E-02	1.16578	0.8734E-03
311	354.5	872.7	1.0	0.43531	0.1223E-02	1.16584	0.9266E-03
311	364.5	892.6	0.8	0.43537	0.1372E-02	1.16590	0.9835E-03
311	374.5	909.1	0.9	0.43541	0.1454E-02	1.16599	0.1057E-02
311	384.5	928.0	0.9	0.43544	0.1528E-02	1.16603	0.1094E-02
311	394.5	942.9	0.8	0.43546	0.1625E-02	1.16605	0.1110E-02
311	404.5	960.2	0.8	0.43552	0.1715E-02	1.16618	0.1223E-02
311	414.5	981.1	1.0	0.43561	0.1916E-02	1.16624	0.1273E-02
311	424.5	995.0	0.9	0.43565	0.2006E-02	1.16618	0.1223E-02
311	434.5	1013.2	0.9	0.43564	0.1998E-02	1.16635	0.1363E-02
311	444.5	1030.2	1.1	0.43572	0.2162E-02	1.16641	0.1413E-02
311	454.5	1047.8	1.3	0.43572	0.2170E-02	1.16651	0.1507E-02
311	464.5	1062.9	1.1	0.43560	0.2349E-02	1.16653	0.1524E-02
311	474.5	1080.4	1.6	0.43590	0.2564E-02	1.16659	0.1574E-02
311	484.5	1095.9	1.6	0.43598	0.2766E-02	1.16671	0.1674E-02
311	494.5	1115.6	1.8	0.43601	0.2848E-02	1.16700	0.1927E-02
311	504.5	1134.5	1.6	0.43608	0.2990E-02	1.16701	0.1930E-02
311	514.5	1153.3	1.6	0.43613	0.3117E-02	1.16716	0.2060E-02
311	524.5	1167.9	1.4	0.43616	0.3191E-02	1.16722	0.2110E-02
311	534.5	1186.2	1.5	0.43629	0.3474E-02	1.16742	0.2284E-02
311	544.5	1204.5	1.5	0.43628	0.3452E-02	1.16751	0.2364E-02
311	554.5	1222.9	1.8	0.43626	0.3407E-02	1.16766	0.2487E-02
311	564.5	1238.1	1.6	0.43643	0.3810E-02	1.16771	0.2537E-02
311	574.5	1255.7	1.8	0.43637	0.3676E-02	1.16795	0.2737E-02
311	584.5	1272.9	1.3	0.43646	0.3929E-02	1.16806	0.2834E-02
311	594.5	1288.7	1.3	0.43656	0.4101E-02	1.16820	0.2954E-02
311	604.5	1303.7	1.6	0.43653	0.4041E-02	1.16823	0.2980E-02
311	614.5	1321.2	1.4	0.43657	0.4123E-02	1.16839	0.3121E-02
311	624.5	1339.2	1.6	0.43657	0.4138E-02	1.16847	0.3184E-02
311	634.5	1355.5	1.4	0.43674	0.4511E-02	1.16857	0.3271E-02
311	644.5	1368.0	2.0	0.43680	0.4198E-02	1.16878	0.3451E-02
311	654.5	1387.9	0.9	0.43673	0.4489E-02	1.16966	0.4221E-02
311	664.5	1404.0	1.6	0.43674	0.4526E-02	1.16908	0.3711E-02
311	674.5	1416.2	2.0	0.43684	0.4757E-02	1.16924	0.3851E-02
311	684.5	1433.2	2.9	0.43672	0.4461E-02	1.16944	0.4017E-02
311	694.5	1446.5	2.5	0.43682	0.4712E-02	1.16968	0.4221E-02

311	704.5	1463.7	2.4	0.43656	0.4101E-02	1.16971	0.4251E-02	100.1
311	714.5	1473.5	2.4	0.43671	0.4404E-02	1.16999	0.4491E-02	99.9
311	724.5	1499.5	2.3	0.43744	0.6121E-02	1.17029	0.4751E-02	100.1
311	734.5	1513.5	2.8	0.43751	0.6285E-02	1.17193	0.6154E-02	99.9
311	744.5	1524.9	3.0	0.43763	0.6554E-02	1.17221	0.6395E-02	99.8
311	754.5	1541.6	3.1	0.49900	-.9999E+04	1.17253	0.6568E-02	100.0
311	764.5	1560.7	2.8	0.49900	-.9999E+04	1.17318	0.7228E-02	99.7
311	774.5	1577.1	3.1	0.49900	-.9999E+04	1.17431	0.8202E-02	99.6
311	784.5	1587.1	3.2	0.49900	-.9999E+04	1.17542	0.9155E-02	99.6
311	794.5	1605.5	3.0	0.49900	-.9999E+04	1.17659	0.1016E-01	99.6
311	804.5	1621.8	2.7	0.49900	-.9999E+04	1.17765	0.1124E-01	99.8
311	814.5	1636.5	3.0	0.49900	-.9999E+04	1.17878	0.1204E-01	99.6
311	824.5	1653.4	3.0	0.49900	-.9999E+04	1.17982	0.1293E-01	99.7
311	834.5	1669.5	3.5	0.49900	-.9999E+04	1.18077	0.1374E-01	99.5
311	844.5	1684.8	3.2	0.49900	-.9999E+04	1.18161	0.1446E-01	99.8
311	854.5	1696.5	3.4	0.49900	-.9999E+04	1.18230	0.1506E-01	99.6
311	864.5	1714.0	3.4	0.49900	-.9999E+04	1.18301	0.1567E-01	99.4
311	874.5	1726.4	3.8	0.49900	-.9999E+04	1.18366	0.1622E-01	99.7
311	884.5	1743.7	3.6	0.49900	-.9999E+04	1.18414	0.1664E-01	99.6
311	894.5	1754.9	3.4	0.49900	-.9999E+04	1.18444	0.1690E-01	99.1
311	904.5	1775.6	4.2	0.49900	-.9999E+04	1.18481	0.1721E-01	99.5
311	914.5	1790.7	4.0	0.49900	-.9999E+04	1.18551	0.1782E-01	99.2
311	924.5	1809.3	3.6	0.49900	-.9999E+04	1.18580	0.1806E-01	99.1
311	934.5	1823.6	4.3	0.49900	-.9999E+04	1.18630	0.1849E-01	99.2
311	944.5	1839.8	4.2	0.49900	-.9999E+04	1.18681	0.1893E-01	99.2
311	954.5	1850.3	4.3	0.49900	-.9999E+04	1.18710	0.1916E-01	99.2
311	964.5	1867.2	4.3	0.49900	-.9999E+04	1.18769	0.1968E-01	99.1
311	974.5	1881.0	5.1	0.49900	-.9999E+04	1.18812	0.2006E-01	98.9
311	984.5	1900.5	4.9	0.49900	-.9999E+04	1.18842	0.2032E-01	99.0
311	994.5	1911.7	5.0	0.49900	-.9999E+04	1.18877	0.2061E-01	99.0
311	1004.5	1929.7	4.6	0.49900	-.9999E+04	1.18935	0.2111E-01	99.9
311	1014.5	1944.4	4.4	0.49900	-.9999E+04	1.18962	0.2134E-01	99.0
311	1024.5	1956.9	5.0	0.49900	-.9999E+04	1.19002	0.2169E-01	98.9
311	1034.5	1973.9	5.0	0.49900	-.9999E+04	1.19055	0.2214E-01	98.9
311	1044.5	1992.0	5.3	0.49900	-.9999E+04	1.19101	0.2254E-01	99.4
311	1054.5	2003.7	5.4	0.49900	-.9999E+04	1.19147	0.2293E-01	101.6
311	1064.5	2019.1	4.7	0.49900	-.9999E+04	1.19208	0.2346E-01	102.4
311	1074.5	2031.0	5.3	0.49900	-.9999E+04	1.19275	0.2403E-01	102.0
311	1084.5	2041.7	5.7	0.49900	-.9999E+04	1.19331	0.2451E-01	102.0
311	1094.5	2061.1	5.7	0.49900	-.9999E+04	1.19363	0.2496E-01	102.3
311	1104.5	2074.7	5.8	0.49900	-.9999E+04	1.19446	0.2550E-01	102.0
311	1114.5	2084.1	5.2	0.49900	-.9999E+04	1.19508	0.2603E-01	102.0
311	1124.5	2086.8	6.0	0.49900	-.9999E+04	1.19627	0.2705E-01	101.5
311	1134.5	2102.3	6.6	0.49900	-.9999E+04	1.19660	0.2734E-01	101.7
311	1144.5	2123.2	6.5	0.49900	-.9999E+04	1.19754	0.2815E-01	101.4

312	144.5						
312	140.0	607.2	1.1	0.43488	0.2062E-02	1.18171	0.1465E-02
312	140.5	607.0	1.2	0.43489	0.2084E-02	1.18176	0.1511E-02
312	141.0	607.4	0.9	0.43490	0.2121E-02	1.18186	0.1441E-02
312	141.5	608.6	0.8	0.43491	0.2129E-02	1.18181	0.1550E-02
312	142.0	607.1	1.1	0.43495	0.2233E-02	1.18176	0.1511E-02
312	142.5	605.9	1.1	0.43489	0.2099E-02	1.18176	0.1511E-02
312	143.0	606.9	1.4	0.43490	0.2106E-02	1.18178	0.1530E-02
312	143.5	608.8	1.1	0.43486	0.2032E-02	1.18176	0.1507E-02
312	144.0	608.8	0.8	0.43491	0.2129E-02	1.18182	0.1557E-02
312	144.5	608.6	0.7	0.43492	0.2106E-02	1.18175	0.1504E-02
312	145.0	608.9	1.1	0.43492	0.2106E-02	1.18177	0.1521E-02
312	155.0	616.2	0.9	0.43490	0.2114E-02	1.18178	0.1524E-02
312	165.0	614.2	0.8	0.43492	0.2159E-02	1.18181	0.1550E-02
312	175.0	619.9	0.8	0.43492	0.2106E-02	1.18183	0.1573E-02
312	185.0	621.7	0.9	0.43493	0.2101E-02	1.18179	0.1537E-02
312	195.0	635.8	0.7	0.43495	0.2226E-02	1.18192	0.1646E-02
312	205.0	655.8	0.9	0.43499	0.2333E-02	1.18188	0.1609E-02
312	215.0	675.2	0.9	0.43496	0.2256E-02	1.18195	0.1672E-02
312	225.0	694.8	1.1	0.43506	0.2480E-02	1.18206	0.1784E-02
312	235.0	718.0	0.7	0.43506	0.2457E-02	1.18221	0.1696E-02
312	245.0	738.7	1.1	0.43515	0.2669E-02	1.18222	0.1902E-02
312	255.0	756.4	1.1	0.43517	0.2749E-02	1.18226	0.1935E-02
312	265.0	777.1	0.4	0.43523	0.2868E-02	1.18237	0.2027E-02
312	275.0	799.7	1.1	0.43535	0.3152E-02	1.18241	0.2064E-02
312	285.0	816.3	0.7	0.43534	0.3122E-02	1.18248	0.2116E-02
312	295.0	835.8	0.9	0.43539	0.3249E-02	1.18259	0.2212E-02
312	305.0	857.0	0.7	0.43547	0.3421E-02	1.18265	0.2264E-02
312	315.0	876.0	0.9	0.43551	0.3511E-02	1.18269	0.2297E-02
312	325.0	894.0	1.3	0.43556	0.3675E-02	1.18274	0.2340E-02
312	335.0	912.4	1.0	0.43563	0.3795E-02	1.18283	0.2419E-02
312	345.0	932.0	0.5	0.43573	0.4019E-02	1.18280	0.2393E-02
312	355.0	949.6	1.2	0.43583	0.4258E-02	1.18295	0.2518E-02
312	365.0	964.7	1.0	0.43597	0.4568E-02	1.18300	0.2564E-02
312	375.0	981.8	1.3	0.43600	0.4653E-02	1.18305	0.2603E-02
312	385.0	999.0	1.4	0.43614	0.4907E-02	1.18315	0.2692E-02
312	395.0	1014.6	1.3	0.43630	0.5333E-02	1.18321	0.2741E-02
312	405.0	1029.4	1.2	0.43635	0.5468E-02	1.18324	0.2768E-02
312	415.0	1048.9	1.8	0.43652	0.5983E-02	1.18325	0.2774E-02
312	425.0	1064.5	1.6	0.43675	0.6372E-02	1.18340	0.2699E-02
312	435.0	1083.3	1.5	0.43705	0.7081E-02	1.18338	0.2886E-02
312	445.0	1100.9	1.5	0.43724	0.7519E-02	1.18363	0.3097E-02
312	455.0	1119.0	1.1	0.43771	0.8597E-02	1.18376	0.3202E-02
312	465.0	1135.0	1.3	0.43829	0.9927E-02	1.18385	0.3284E-02
312	475.0	1152.2	1.4	0.43874	0.1097E-01	1.18386	0.3291E-02
312	485.0	1171.9	1.5	0.43923	0.1210E-01	1.18394	0.3354E-02
312	495.5	1190.3	2.0	0.43965	0.1306E-01	1.18381	0.3245E-02
312	505.5	1208.4	1.8	0.44009	0.1407E-01	1.18385	0.3261E-02
312	515.5	1224.7	1.6	0.44051	0.1504E-01	1.18374	0.3184E-02
312	525.5	1243.7	2.0	0.44104	0.1627E-01	1.18363	0.3097E-02
312	535.5	1254.3	2.4	0.44186	0.1814E-01	1.18340	0.2694E-02
312	545.5	1276.9	2.3	0.44282	0.2036E-01	1.18321	0.2741E-02
312	555.5	1294.5	2.2	0.44410	0.2331E-01	1.18278	0.2373E-02
312	565.5	1310.3	2.1	0.44572	0.2705E-01	1.18220	0.1874E-02
312	575.5	1327.1	2.3	0.44953	0.3584E-01	1.18172	0.1476E-02
312	585.5	1343.8	2.4	0.45354	0.4506E-01	1.18032	0.2897E-03
312	595.5	1360.6	2.7	0.46002	0.6001E-01	1.17740	0.1764E-02
312	605.5	1379.2	8.2	0.47153	0.8653E-01	1.17352	0.5470E-02
312	606.5	1379.4	14.1	0.47317	0.9029E-01	1.17282	0.6009E-02
312	607.5	1382.0	15.8	0.47378	0.9170E-01	1.17262	0.6233E-02

312	608.5	1386.0	16.5	0.47568	0.9607E+01	1.17223	-.6569E-02	898.7
312	609.5	1385.4	17.2	0.47791	0.1012E+00	1.17181	-.6921E-02	898.6
312	610.5	1399.8	17.6	0.48032	0.1068E+00	1.17127	-.7382E-02	899.0
312	611.5	1392.3	17.7	0.48280	0.1125E+00	1.17077	-.7803E-02	898.4
312	612.5	1392.3	18.4	0.48561	0.1190E+00	1.17012	-.8353E-02	898.0
312	613.5	1393.9	19.8	0.48879	0.1263E+00	1.16936	-.9001E-02	898.6
312	614.5	1396.4	20.6	0.49224	0.1342E+00	1.16855	-.9662E-02	898.2
312	615.5	1398.3	22.0	0.49635	0.1437E+00	1.16763	-.1047E-01	897.6
312	616.5	1402.7	22.7	0.50145	0.1535E+00	1.16632	-.1158E-01	898.2
312	617.5	1404.7	24.8	0.50716	0.1666E+00	1.16478	-.1288E-01	897.3
312	618.5	1408.7	26.8	0.51406	0.1845E+00	1.16254	-.1478E-01	897.1
312	619.5	1410.5	39.8	-9.99900	-.9999E+04	1.15910	-.1764E-01	895.7
312	620.5	1412.7	59.0	-9.99900	-.9999E+04	1.15695	-.1952E-01	886.7
312	621.5	1273.7	106.2	-9.99900	-.9999E+04	1.15464	-.2148E-01	875.6
312	622.5	1331.4	82.9	-9.99900	-.9999E+04	1.15580	-.2044E-01	876.1
312	623.5	1433.1	47.6	-9.99900	-.9999E+04	1.15741	-.1912E-01	879.8
312	624.5	1455.4	6.2	-9.99900	-.9999E+04	1.15702	-.1948E-01	882.6
312	625.5	1441.1	1.6	-9.99900	-.9999E+04	1.15676	-.1968E-01	885.1
312	626.5	1425.6	2.0	-9.99900	-.9999E+04	1.15662	-.1980E-01	887.1
312	627.5	1421.2	1.7	-9.99900	-.9999E+04	1.15671	-.1972E-01	889.0
312	628.5	1424.4	2.1	-9.99900	-.9999E+04	1.15669	-.1974E-01	890.6
312	629.5	1427.9	2.3	-9.99900	-.9999E+04	1.15676	-.1968E-01	892.1

313	205.5						
313	200.5	599.6	0.2	0.43482	0.2054E-02	1.17366	0.1521E-02
313	201.0	598.3	0.4	0.43487	0.2166E-02	1.17370	0.1561E-02
313	201.5	599.4	0.7	0.43481	0.2032E-02	1.17370	0.1556E-02
313	202.0	602.3	0.5	0.43484	0.2092E-02	1.17364	0.1511E-02
313	202.5	601.2	0.2	0.43483	0.2064E-02	1.17365	0.1514E-02
313	203.0	603.1	0.2	0.43486	0.2137E-02	1.17372	0.1575E-02
313	203.5	602.6	0.5	0.43484	0.2107E-02	1.17373	0.1581E-02
313	204.0	603.1	0.7	0.43485	0.2122E-02	1.17374	0.1594E-02
313	204.5	603.9	0.6	0.43485	0.2129E-02	1.17373	0.1587E-02
313	205.0	604.7	0.3	0.43467	0.2167E-02	1.17373	0.1587E-02
313	205.5	602.6	0.4	0.43484	0.2092E-02	1.17366	0.1538E-02
313	206.0	604.4	0.4	0.43485	0.2122E-02	1.17369	0.1551E-02
313	216.0	630.5	0.5	0.43487	0.2159E-02	1.17372	0.1577E-02
313	226.0	648.2	0.8	0.43498	0.2420E-02	1.17390	0.1726E-02
313	236.0	672.3	0.4	0.43495	0.2361E-02	1.17395	0.1773E-02
313	246.0	688.5	0.5	0.43499	0.2450E-02	1.17401	0.1819E-02
313	256.0	711.1	0.5	0.43503	0.2525E-02	1.17403	0.1839E-02
313	266.0	732.9	0.7	0.43510	0.2697E-02	1.17406	0.1882E-02
313	276.0	752.3	0.9	0.43515	0.2806E-02	1.17422	0.2005E-02
313	286.0	770.9	0.8	0.43524	0.3018E-02	1.17427	0.2045E-02
313	296.0	788.9	0.9	0.43523	0.2996E-02	1.17431	0.2076E-02
313	306.0	811.2	0.7	0.43526	0.3055E-02	1.17444	0.2190E-02
313	316.0	830.2	0.5	0.43533	0.3227E-02	1.17447	0.2214E-02
313	326.0	848.0	0.7	0.43541	0.3414E-02	1.17445	0.2197E-02
313	336.0	867.9	0.4	0.43545	0.3511E-02	1.17460	0.2326E-02
313	346.0	885.7	0.5	0.43538	0.3347E-02	1.17465	0.2366E-02
313	356.0	906.4	1.1	0.43550	0.3608E-02	1.17467	0.2383E-02
313	366.0	924.9	1.0	0.43551	0.3653E-02	1.17478	0.2482E-02
3	376.0	943.2	1.1	0.43557	0.3773E-02	1.17485	0.2542E-02
313	386.0	958.6	0.7	0.43566	0.3989E-02	1.17499	0.2656E-02
313	396.0	976.6	1.2	0.43576	0.4221E-02	1.17498	0.2651E-02
313	406.0	995.2	1.1	0.43588	0.4497E-02	1.17498	0.2654E-02
313	416.0	1009.6	1.2	0.43599	0.4744E-02	1.17505	0.2707E-02
313	426.0	1028.0	1.5	0.43607	0.4931E-02	1.14510	0.2279E-01
313	436.0	1046.1	1.1	0.43581	0.4325E-02	1.17532	0.2943E-02
313	446.0	1061.7	1.0	0.43617	0.5170E-02	1.17526	0.2890E-02
313	456.0	1079.8	1.1	0.43602	0.4826E-02	1.17540	0.3012E-02
313	466.0	1096.1	1.1	0.43635	0.5560E-02	1.17524	0.2870E-02
313	476.0	1115.0	1.1	0.43634	0.5551E-02	1.17551	0.3105E-02
313	486.0	1132.1	1.1	0.43657	0.6081E-02	1.17561	0.3185E-02
313	496.0	1149.2	0.9	0.43666	0.6290E-02	1.17568	0.3244E-02
313	506.0	1164.5	1.4	0.43685	0.6731E-02	1.17567	0.3241E-02
313	516.0	1185.5	1.3	0.43693	0.6910E-02	1.17575	0.3311E-02
313	526.0	1202.0	1.4	0.43700	0.7082E-02	1.17580	0.3354E-02
313	536.0	1223.6	1.6	0.43718	0.7493E-02	1.17542	0.3456E-02
313	546.0	1241.0	1.4	0.43727	0.7645E-02	1.17601	0.3526E-02
313	556.0	1253.1	1.3	0.43728	0.7724E-02	1.17597	0.3499E-02
313	566.0	1273.6	1.6	0.43743	0.8076E-02	1.17606	0.3569E-02
313	576.0	1288.4	1.4	0.43737	0.7920E-02	1.17612	0.3622E-02
313	586.0	1304.2	1.6	0.43741	0.8020E-02	1.17609	0.3596E-02
313	596.0	1320.3	1.8	0.43785	0.9036E-02	1.17622	0.3711E-02
313	606.0	1336.4	1.8	0.43799	0.9361E-02	1.17620	0.3688E-02
313	616.0	1353.2	2.0	0.43839	0.1029E-01	1.17634	0.3811E-02
313	626.0	1368.8	1.8	0.43832	0.1011E-01	1.17641	0.3871E-02
313	636.0	1386.4	1.8	0.43898	0.1164E-01	1.17643	0.3890E-02
313	646.0	1402.2	1.9	0.43942	0.1265E-01	1.17643	0.3890E-02
313	656.0	1419.2	2.3	0.43993	0.1383E-01	1.17661	0.4043E-02
313	666.0	1434.9	2.5	0.44045	0.1502E-01	1.17663	0.4063E-02
313	676.0	1446.2	2.6	0.44087	0.1600E-01	1.17658	0.4013E-02

313	686.0	1465.8	2.5	0.44165	0.1779E-01	1.17658	0.4016E-02	399.1
313	696.0	1482.6	2.5	0.44237	0.1946E-01	1.17670	0.4110E-02	398.2
313	706.0	1497.1	2.4	0.44335	0.2172E-01	1.17660	0.4033E-02	398.7
313	716.0	1512.9	3.2	0.44448	0.2431E-01	1.17655	0.3993E-02	400.1
313	726.0	1531.5	2.5	0.44627	0.2644E-01	1.17651	0.3953E-02	400.7
313	736.0	1544.6	2.5	0.44900	0.3010E-01	1.17630	0.3781E-02	400.4
313	746.0	1561.4	2.0	0.45327	0.4419E-01	1.17619	0.3680E-02	399.9
313	756.0	1579.2	3.0	0.46551	0.7278E-01	1.17660	0.4030E-02	400.0
313	757.0	1583.8	2.6	0.46683	0.7582E-01	1.14487	-0.2304E-01	400.1
313	758.0	1586.6	3.1	0.46823	0.7904E-01	1.17682	0.4225E-02	400.0
313	759.0	1583.8	2.9	0.46974	0.8253E-01	1.17681	0.4212E-02	399.9
313	760.0	1587.0	2.8	0.47135	0.8624E-01	1.17669	0.4276E-02	399.7
313	761.0	1592.0	2.6	0.47290	0.8982E-01	1.17696	0.4361E-02	399.8
313	762.0	1591.6	2.9	0.47477	0.9413E-01	1.17699	0.4368E-02	399.9
313	763.0	1595.9	2.4	0.47664	0.9843E-01	1.17697	0.4348E-02	399.7
313	764.0	1595.8	3.0	0.47867	0.1031E+00	1.17699	0.4368E-02	399.6
313	765.0	1593.3	3.0	0.48074	0.1079E+00	1.17706	0.4427E-02	399.6
313	766.0	1592.7	2.7	0.48308	0.1133E+00	1.17709	0.4454E-02	399.4
313	767.0	1600.6	2.9	0.48503	0.1191E+00	1.17705	0.4414E-02	399.6
313	768.0	1602.9	2.9	0.48841	0.1256E+00	1.17691	0.4301E-02	399.5
313	769.0	1603.6	2.9	0.49150	0.1327E+00	1.17654	0.3983E-02	399.1
313	770.0	1562.6	2.6	0.49026	0.1298E+00	1.17516	0.2804E-02	396.7
313	771.0	1564.9	3.0	0.49051	0.1304E+00	1.17525	0.2683E-02	406.4
313	772.0	1598.0	3.2	0.49053	0.1305E+00	1.17576	0.3320E-02	406.3
313	773.0	1614.9	2.8	0.49074	0.1309E+00	1.17578	0.3337E-02	410.3
313	774.0	1611.2	2.3	0.49065	0.1307E+00	1.17617	0.3665E-02	411.7
313	775.0	1615.4	2.3	0.49084	0.1311E+00	1.17636	0.3624E-02	412.7
313	776.0	1618.6	2.1	0.49089	0.1313E+00	1.17636	0.3631E-02	413.9

314	110.0						
314	105.0	595.2	0.3	0.43496	0.1986E-02	1.17017	0.1595E-02
314	105.5	596.4	0.3	0.43498	0.2039E-02	1.17022	0.1642E-02
314	106.0	595.6	0.4	0.43498	0.2039E-02	1.17020	0.1619E-02
314	106.5	596.9	0.3	0.43496	0.1994E-02	1.17023	0.1649E-02
314	107.0	597.3	0.4	0.43498	0.1986E-02	1.17024	0.1655E-02
314	107.5	595.6	0.4	0.43488	0.1815E-02	1.17023	0.1652E-02
314	108.0	597.1	0.4	0.43498	0.2046E-02	1.17018	0.1602E-02
314	108.5	598.0	0.4	0.43497	0.2016E-02	1.17015	0.1582E-02
314	109.0	596.6	0.2	0.43501	0.2048E-02	1.17020	0.1619E-02
314	109.5	597.9	0.3	0.43496	0.1994E-02	1.17019	0.1615E-02
314	110.0	600.0	0.4	0.43497	0.2016E-02	1.17016	0.1586E-02
314	110.5	600.4	0.5	0.43494	0.1949E-02	1.17019	0.1615E-02
314	120.5	612.7	0.3	0.43498	0.2031E-02	1.17025	0.1665E-02
314	130.5	636.5	0.1	0.43503	0.2166E-02	1.17036	0.1755E-02
314	140.5	658.3	0.2	0.43511	0.2330E-02	1.17037	0.1765E-02
314	150.5	680.1	0.3	0.43512	0.2367E-02	1.17042	0.1812E-02
314	160.5	697.5	0.5	0.43517	0.2479E-02	1.17045	0.1838E-02
314	170.5	714.5	0.6	0.43524	0.2629E-02	1.17058	0.1951E-02
314	180.5	734.4	0.7	0.43529	0.2763E-02	1.17065	0.2011E-02
314	190.5	755.6	0.8	0.43531	0.2800E-02	1.17071	0.2061E-02
314	200.5	778.8	0.7	0.43536	0.2920E-02	1.17072	0.2098E-02
314	210.5	797.8	0.4	0.43539	0.2967E-02	1.17065	0.2177E-02
314	220.5	820.1	0.6	0.43542	0.3047E-02	1.17069	0.2214E-02
314	230.5	837.9	0.9	0.43550	0.3241E-02	1.17097	0.2280E-02
314	240.5	857.0	0.7	0.43549	0.3211E-02	1.17104	0.2340E-02
314	250.5	873.3	0.6	0.43551	0.3271E-02	1.17112	0.2410E-02
314	260.5	896.6	0.6	0.43552	0.3293E-02	1.17116	0.2440E-02
314	270.5	913.7	0.7	0.43555	0.3353E-02	1.17123	0.2500E-02
314	280.5	932.8	0.7	0.43557	0.3390E-02	1.17118	0.2460E-02
314	290.5	951.7	0.6	0.43567	0.3629E-02	1.17135	0.2609E-02
314	300.5	969.5	0.6	0.43567	0.3622E-02	1.17146	0.2702E-02
314	310.5	986.1	0.9	0.43570	0.3696E-02	1.17145	0.2696E-02
314	320.5	1003.4	1.2	0.43577	0.3668E-02	1.17156	0.2789E-02
314	330.5	1023.8	0.9	0.43587	0.4092E-02	1.17163	0.2849E-02
314	340.5	1038.2	1.0	0.43584	0.4025E-02	1.17160	0.2822E-02
314	350.5	1056.7	1.1	0.43603	0.4466E-02	1.17159	0.2609E-02
314	360.5	1070.9	1.3	0.43604	0.4481E-02	1.17174	0.2942E-02
314	370.5	1086.7	1.1	0.43611	0.4637E-02	1.17183	0.3018E-02
314	380.5	1103.5	1.0	0.43618	0.4794E-02	1.17185	0.3030E-02
314	390.5	1118.1	1.0	0.43635	0.5205E-02	1.17182	0.3012E-02
314	400.5	1139.0	1.4	0.43637	0.5250E-02	1.17193	0.3105E-02
314	410.5	1154.2	1.4	0.43657	0.5705E-02	1.17207	0.3221E-02
314	420.5	1175.1	1.2	0.43664	0.5870E-02	1.17197	0.3141E-02
314	430.5	1192.6	1.3	0.43659	0.5757E-02	1.17221	0.3341E-02
314	440.5	1208.7	1.6	0.43670	0.5996E-02	1.17215	0.3294E-02
314	450.5	1228.1	1.5	0.43669	0.5982E-02	1.17230	0.3420E-02
314	460.5	1244.5	1.6	0.43661	0.6258E-02	1.17236	0.3470E-02
314	470.5	1264.3	1.7	0.43686	0.6377E-02	1.17246	0.3557E-02
314	480.5	1278.1	1.5	0.43692	0.6447E-02	1.17241	0.3510E-02
314	490.5	1293.3	1.9	0.43691	0.6482E-02	1.17250	0.3593E-02
314	500.5	1309.5	1.9	0.43707	0.6848E-02	1.17249	0.3580E-02
314	510.5	1325.7	1.6	0.43704	0.6761E-02	1.17259	0.3670E-02
314	520.5	1342.1	1.9	0.43714	0.7012E-02	1.17260	0.3676E-02
314	530.5	1361.8	2.1	0.43716	0.7049E-02	1.17276	0.3813E-02
314	540.5	1376.4	2.1	0.43709	0.6893E-02	1.17265	0.3884E-02
314	550.5	1391.5	2.4	0.43721	0.7154E-02	1.17276	0.3829E-02
314	560.5	1407.9	2.0	0.43734	0.7475E-02	1.17297	0.3945E-02
314	570.5	1426.3	2.3	0.43762	0.8125E-02	1.17299	0.4012E-02
314	580.5	1438.7	2.5	0.43760	0.8065E-02	1.17307	0.4082E-02

314	590.5	1456.6	2.2	0.43764	0.8177E-02	1.17320	0.4192E-02	100.2
314	600.5	1466.6	3.0	0.43776	0.8446E-02	1.17325	0.4231E-02	100.0
314	610.5	1488.7	2.7	0.43786	0.8605E-02	1.17324	0.4226E-02	100.2
314	620.5	1501.1	3.0	0.43791	0.8780E-02	1.17342	0.4378E-02	100.0
314	630.5	1519.7	3.0	0.43802	0.9051E-02	1.17354	0.4481E-02	99.7
314	640.5	1535.7	2.8	0.43822	0.9514E-02	1.17359	0.4524E-02	99.9
314	650.5	1549.6	3.0	0.43840	0.9910E-02	1.17367	0.4760E-02	99.9
314	660.5	1565.1	3.0	0.43865	0.1050E-01	1.17421	0.5056E-02	99.6
314	670.5	1581.5	2.9	0.43908	0.1149E-01	1.17476	0.5524E-02	99.9
314	680.5	1597.5	2.7	0.43950	0.1245E-01	1.17557	0.6222E-02	100.0
314	690.5	1612.0	3.3	0.44015	0.1394E-01	1.17646	0.6984E-02	99.8
314	700.5	1628.7	3.5	0.44065	0.1556E-01	1.17737	0.7758E-02	100.0
314	710.5	1638.1	3.0	0.44158	0.1724E-01	1.17837	0.8614E-02	100.0
314	720.5	1650.9	3.3	0.44237	0.1907E-01	1.17915	0.9280E-02	99.9
314	730.5	1678.0	3.8	0.44323	0.2104E-01	1.17999	0.9996E-02	100.0
314	740.5	1693.4	3.6	0.44398	0.2276E-01	1.18064	0.1056E-01	99.4
314	750.5	1707.9	3.6	0.44450	0.2347E-01	1.18114	0.1096E-01	100.0
314	760.5	1720.3	3.4	0.44551	0.2624E-01	1.18171	0.1147E-01	99.8
314	770.5	1736.0	3.8	0.44610	0.2766E-01	1.18208	0.1179E-01	99.9
314	780.5	1752.1	4.1	0.44653	0.2864E-01	1.18242	0.1208E-01	99.7
314	791.0	1771.4	3.7	0.44765	0.2963E-01	1.18255	0.1220E-01	99.8
314	801.0	1783.6	3.9	0.44750	0.3062E-01	1.18271	0.1233E-01	99.6
314	811.0	1795.1	4.2	0.44818	0.3244E-01	1.18299	0.1257E-01	99.6
314	821.0	1812.3	4.3	0.44870	0.3363E-01	1.18324	0.1278E-01	99.6
314	831.0	1833.2	4.5	0.44918	0.3475E-01	1.18362	0.1311E-01	99.4
314	841.0	1844.6	4.8	0.44976	0.3606E-01	1.18386	0.1332E-01	99.4
314	851.0	1859.9	4.6	0.45031	0.3735E-01	1.18425	0.1364E-01	99.3
314	861.0	1874.0	4.5	0.45099	0.3892E-01	1.18434	0.1372E-01	99.3
314	871.0	1893.6	4.6	0.45154	0.4019E-01	1.18445	0.1382E-01	99.6
4	881.0	1905.8	4.6	0.45224	0.4179E-01	1.18445	0.1382E-01	99.3
314	891.0	1920.1	5.0	0.45280	0.4369E-01	1.18464	0.1398E-01	99.4
314	901.0	1942.1	5.2	0.45341	0.4450E-01	1.18480	0.1412E-01	99.2
314	911.0	1954.2	5.4	0.45391	0.4565E-01	1.18467	0.1401E-01	99.3
314	921.0	1967.4	5.6	0.45445	0.4688E-01	1.18467	0.1401E-01	99.4
314	931.0	1983.6	5.0	0.45515	0.4851E-01	1.18481	0.1412E-01	99.2
314	941.0	1997.6	5.3	0.45581	0.5062E-01	1.18497	0.1427E-01	99.1
314	951.0	2023.9	5.2	0.45632	0.5120E-01	1.18515	0.1442E-01	99.2
314	961.0	2027.8	5.2	0.45674	0.5218E-01	1.18543	0.1460E-01	98.7
314	971.0	2044.5	5.3	0.45723	0.5330E-01	1.18553	0.1474E-01	98.9
314	981.0	2056.3	5.6	0.45787	0.5477E-01	1.18563	0.1500E-01	98.6
314	991.0	2076.9	5.9	0.45862	0.5650E-01	1.18615	0.1527E-01	99.0
314	1001.0	2092.0	5.9	0.45923	0.5790E-01	1.18664	0.1587E-01	98.9
314	1011.0	2103.2	5.9	0.45975	0.5909E-01	1.18757	0.1649E-01	99.0
314	1021.0	2116.1	6.2	0.46041	0.6061E-01	1.18810	0.1694E-01	99.1
314	1031.0	2132.0	5.8	0.46115	0.6231E-01	1.18879	0.1753E-01	98.6
314	1041.0	2138.9	6.5	0.46193	0.6413E-01	1.18930	0.1797E-01	98.8
314	1051.0	2161.4	6.5	0.46262	0.6571E-01	1.18973	0.1833E-01	98.4
314	1061.0	2171.7	7.0	0.46352	0.6779E-01	1.19049	0.1899E-01	98.6
314	1062.0	2169.4	6.5	0.46351	0.6777E-01	1.18761	-0.5916E-03	98.7
314	1063.0	2174.1	6.6	0.46374	0.6825E-01	1.19051	0.1901E-01	98.6
314	1064.0	2176.4	6.4	0.46368	0.6818E-01	1.19049	0.1899E-01	98.5
314	1065.0	2167.6	6.0	0.46383	0.6849E-01	1.19064	0.1912E-01	98.5
314	1066.0	2164.4	6.9	0.46396	0.6881E-01	1.19076	0.1922E-01	98.6
314	1067.0	2173.6	6.9	0.46397	0.6883E-01	1.19091	0.1935E-01	98.4
314	1068.0	2178.4	6.4	0.46393	0.6872E-01	1.19101	0.1943E-01	97.9
314	1069.0	2170.1	7.2	0.46407	0.6905E-01	1.19047	-0.1612E-01	98.6
314	1070.0	2176.3	7.2	0.46422	0.6946E-01	1.19093	0.1936E-01	98.4
314	1071.0	2168.7	6.9	0.46409	0.6909E-01	1.19105	0.1947E-01	98.5
314	1072.0	2176.2	7.2	0.46427	0.6952E-01	1.19113	0.1954E-01	98.5
314	1073.0	2181.9	7.2	0.46440	0.6982E-01	1.19169	-0.1405E-01	98.3

314 1074.0	2173.1	6.9 0.46441	0.6964E-01	1.15661	-0.1001E-01	98.5
314 1075.0	2173.5	7.2 0.46445	0.6992E-01	1.15403	-0.1222E-01	98.5
314 1076.0	2182.7	7.6 0.46463	0.7035E-01	1.14812	-0.1699E-01	98.5
314 1078.0	2191.1	6.9 0.46477	0.7067E-01	1.19147	0.1982E-01	98.5
314 1078.5	2190.7	6.7 0.46481	0.7076E-01	1.19150	0.1985E-01	98.6
314 1079.5	2187.3	6.5 0.46479	0.7072E-01	1.19157	0.1991E-01	98.6
314 1080.5	2178.2	6.6 0.46496	0.7111E-01	1.19161	0.1995E-01	98.5
314 1081.5	2172.5	5.7 0.46497	0.7114E-01	1.19154	0.1984E-01	98.3
314 1082.5	2173.0	7.0 0.46508	0.7137E-01	1.19172	0.2004E-01	98.5
314 1083.5	2176.2	6.6 0.46511	0.7144E-01	1.19189	0.2019E-01	98.6
314 1084.5	2175.8	7.3 0.46521	0.7168E-01	1.19160	0.2011E-01	98.5
314 1085.5	2180.1	7.3 0.46524	0.7176E-01	1.19192	0.2022E-01	98.5
314 1086.5	2182.8	7.4 0.46529	0.7186E-01	1.19165	0.2015E-01	98.7
314 1087.5	2178.9	7.2 0.46538	0.7208E-01	1.19206	0.2033E-01	98.7
314 1088.5	2173.2	7.0 0.46538	0.7207E-01	1.19209	0.2036E-01	98.6
314 1089.5	2175.1	7.2 0.46533	0.7195E-01	1.19504	0.2284E-01	98.5
314 1090.5	2174.2	7.7 0.46560	0.7258E-01	1.19211	0.2037E-01	98.5
314 1091.5	2173.4	7.0 0.46560	0.7257E-01	1.17147	0.2709E-02	98.5
314 1092.5	2164.6	7.9 0.46571	0.7283E-01	1.19226	0.2052E-01	98.5
314 1093.5	2170.7	7.5 0.46587	0.7320E-01	1.19226	0.2051E-01	98.3
314 1094.5	2067.0	8.2 0.46592	0.7332E-01	1.18434	0.1372E-01	97.9
314 1095.5	2017.6	11.6 0.46659	0.7485E-01	0.95200	-0.1600E+00	96.4
314 1096.5	2032.2	11.2 0.46735	0.7662E-01	-9.99900	-0.9999E+04	95.5
314 1097.5	2029.2	0.4 0.46686	0.7549E-01	-9.99900	-0.9999E+04	99.4
314 1098.5	1930.9	0.4 0.46626	0.7414E-01	-9.99900	-0.9999E+04	99.6
314 1099.5	1818.7	0.2 0.46588	0.7321E-01	-9.99900	-0.9999E+04	99.4
314 1088.5	2173.2	7.0 0.46538	0.7207E-01	1.19209	0.2036E-01	98.6
314 1089.5	2175.1	7.2 0.46533	0.7195E-01	1.19504	0.2284E-01	98.5
314 1090.5	2174.2	7.7 0.46560	0.7258E-01	1.19211	0.2037E-01	98.5
314 1091.5	2173.4	7.0 0.46560	0.7257E-01	1.17147	0.2709E-02	98.5

315	244.0						
315	239.0	609.0	0.8	0.43507	0.2035E-02	1.18098	0.1469E-02
315	239.5	609.9	0.2	0.43511	0.2140E-02	1.18092	0.1413E-02
7.5	240.0	611.1	0.5	0.43510	0.2103E-02	1.18100	0.1482E-02
	240.5	612.2	0.6	0.43509	0.2058E-02	1.18095	0.1436E-02
315	241.0	611.6	0.5	0.43511	0.2131E-02	1.18092	0.1413E-02
315	241.5	611.9	0.6	0.43517	0.2262E-02	1.18095	0.1442E-02
315	242.0	611.1	0.6	0.43512	0.2153E-02	1.18093	0.1426E-02
315	242.5	611.4	0.7	0.43516	0.2247E-02	1.18097	0.1456E-02
315	243.0	611.2	0.6	0.43506	0.2026E-02	1.18096	0.1469E-02
315	243.5	611.1	0.6	0.43509	0.2092E-02	1.18100	0.1479E-02
315	244.0	612.3	0.5	0.43513	0.2168E-02	1.18095	0.1436E-02
315	244.5	612.6	0.8	0.43513	0.2166E-02	1.18092	0.1416E-02
315	254.5	611.8	0.9	0.43512	0.2153E-02	1.18096	0.1449E-02
315	264.5	609.8	0.4	0.43509	0.2063E-02	1.18099	0.1472E-02
315	265.5	609.9	0.5	0.43511	0.2134E-02	1.18096	0.1469E-02
315	266.5	611.1	0.9	0.43511	0.2125E-02	1.18094	0.1433E-02
315	267.5	612.9	0.5	0.43513	0.2176E-02	1.18097	0.1459E-02
315	268.5	618.5	1.6	0.43512	0.2153E-02	1.18097	0.1456E-02
315	269.5	633.5	1.6	0.43511	0.2131E-02	1.18102	0.1502E-02
315	270.5	655.8	1.6	0.43516	0.2247E-02	1.18115	0.1610E-02
315	271.5	683.9	2.0	0.43520	0.2350E-02	1.18132	0.1755E-02
315	272.5	717.4	1.8	0.43526	0.2465E-02	1.18152	0.1923E-02
315	273.5	755.9	2.0	0.43549	0.3012E-02	1.18165	0.2032E-02
315	274.5	795.0	1.8	0.43556	0.3176E-02	1.18177	0.2137E-02
315	275.5	837.1	2.5	0.43560	0.3260E-02	1.18193	0.2269E-02
315	276.5	877.0	2.2	0.43573	0.3549E-02	1.18202	0.2351E-02
315	277.5	916.3	2.1	0.43581	0.3743E-02	1.18215	0.2460E-02
315	278.5	955.6	2.0	0.43589	0.3923E-02	1.18235	0.2626E-02
3	279.5	994.2	2.0	0.43603	0.4259E-02	1.18243	0.2697E-02
315	280.5	1031.9	2.4	0.43626	0.4781E-02	1.18261	0.2845E-02
315	281.5	1068.6	2.3	0.43651	0.5367E-02	1.18267	0.2998E-02
315	282.5	1105.0	2.3	0.43684	0.6109E-02	1.18288	0.3072E-02
315	283.5	1140.4	2.4	0.43716	0.6849E-02	1.18297	0.3155E-02
315	284.5	1172.7	2.3	0.43761	0.7698E-02	1.18307	0.3240E-02
315	285.5	1204.0	2.3	0.43840	0.9716E-02	1.18322	0.3362E-02
315	286.5	1235.8	2.6	0.43970	0.1271E-01	1.18316	0.3313E-02
315	287.5	1267.9	2.6	0.44168	0.1726E-01	1.18266	0.3079E-02
315	288.5	1303.0	2.9	0.44447	0.2369E-01	1.18192	0.2259E-02
315	289.5	1337.0	2.8	0.44890	0.3389E-01	1.18006	0.7014E-03
315	290.5	1370.2	7.6	0.45699	0.5253E-01	1.17638	0.2434E-02
315	291.5	1404.4	57.9	0.47504	0.9410E-01	1.17517	0.3461E-02
315	292.5	1443.1	63.1	0.49900	0.9999E+04	1.17400	0.4452E-02

316	177.0						
316	172.0	601.6	0.7	0.43456	0.1345E-02	1.17802	0.2045E-02
316	172.5	601.2	0.4	0.43456	0.1345E-02	1.17796	0.2000E-02
316	173.0	601.4	0.1	0.43451	0.1218E-02	1.17796	0.2012E-02
316	173.5	601.2	0.2	0.43452	0.1240E-02	1.17799	0.2016E-02
316	174.0	599.4	0.4	0.43451	0.1225E-02	1.17603	0.2055E-02
316	174.5	599.0	0.5	0.43457	0.1367E-02	1.17794	0.1972E-02
316	175.0	598.7	0.4	0.43457	0.1360E-02	1.17603	0.2055E-02
316	175.5	598.2	0.3	0.43451	0.1218E-02	1.17797	0.2002E-02
316	176.0	599.6	0.4	0.43454	0.1285E-02	1.17802	0.2041E-02
316	176.5	600.7	0.4	0.43452	0.1247E-02	1.17797	0.1996E-02
316	177.0	600.9	0.3	0.43456	0.1345E-02	1.17601	0.2035E-02
316	177.5	600.2	0.2	0.43454	0.1292E-02	1.17602	0.2046E-02
316	187.5	599.8	0.3	0.43457	0.1362E-02	1.17600	0.2025E-02
316	197.5	603.1	0.9	0.43454	0.1277E-02	1.17801	0.2035E-02
316	198.5	613.5	1.1	0.43458	0.1374E-02	1.17804	0.2058E-02
316	199.5	630.6	1.2	0.43464	0.1509E-02	1.17816	0.2160E-02
316	200.5	658.8	1.7	0.43468	0.1621E-02	1.17824	0.2233E-02
316	201.5	689.9	1.8	0.43471	0.1681E-02	1.17637	0.2345E-02
316	202.5	727.5	1.9	0.43462	0.1935E-02	1.17854	0.2447E-02
316	203.5	767.2	2.2	0.43490	0.2118E-02	1.17869	0.2616E-02
316	204.5	808.2	1.3	0.43499	0.2331E-02	1.17881	0.2719E-02
316	205.5	849.3	1.6	0.43502	0.2398E-02	1.17902	0.2890E-02
316	206.5	886.8	1.6	0.43503	0.2413E-02	1.17909	0.2956E-02
316	207.5	926.3	1.6	0.43517	0.2741E-02	1.17923	0.3072E-02
316	208.5	964.0	1.9	0.43530	0.3048E-02	1.17934	0.3165E-02
316	209.5	1003.2	2.2	0.43533	0.3100E-02	1.17634	0.4486E-02
316	210.5	1042.3	2.0	0.43545	0.3354E-02	1.17961	0.3398E-02
316	211.5	1079.9	1.6	0.43550	0.3496E-02	1.17973	0.3495E-02
316	212.5	1116.2	2.3	0.43558	0.3675E-02	1.17985	0.3597E-02
316	213.5	1152.9	2.3	0.43567	0.3898E-02	1.17996	0.3693E-02
316	214.5	1184.1	2.3	0.43575	0.4078E-02	1.18021	0.3903E-02
316	215.5	1218.0	2.4	0.43583	0.4258E-02	1.18022	0.3914E-02
316	216.5	1252.8	2.8	0.43598	0.4601E-02	1.18039	0.4080E-02
316	217.5	1284.4	2.6	0.43606	0.4788E-02	1.18042	0.4086E-02
316	218.5	1315.6	2.7	0.43617	0.5045E-02	1.18065	0.4276E-02
316	219.5	1348.8	2.7	0.43626	0.5257E-02	1.18066	0.4291E-02
316	220.5	1380.1	2.7	0.43636	0.5483E-02	1.18065	0.4449E-02
316	221.5	1413.0	3.0	0.43657	0.5965E-02	1.18097	0.4552E-02
316	222.5	1444.2	3.0	0.43657	0.5976E-02	1.18111	0.4671E-02
316	223.5	1475.3	3.3	0.43668	0.6207E-02	1.18122	0.4770E-02
316	224.5	1506.4	3.1	0.43680	0.6499E-02	1.18135	0.4872E-02
316	225.5	1536.2	2.9	0.43692	0.6760E-02	1.18144	0.4952E-02
316	226.5	1563.4	3.2	0.43701	0.6984E-02	1.18157	0.5067E-02
316	227.5	1586.8	3.5	0.43695	0.8860E-02	1.18167	0.5150E-02
316	228.5	1607.0	4.1	0.43702	0.7010E-02	1.18176	0.5240E-02
316	229.5	1627.2	4.1	0.43681	0.6514E-02	1.18192	0.5361E-02
316	230.5	1645.5	4.1	0.43712	0.7223E-02	1.18244	0.5807E-02
316	231.5	1669.6	4.9	0.43894	0.1142E-01	1.18293	0.6223E-02
316	232.5	1702.0	4.7	0.43843	0.1024E-01	1.18395	0.7087E-02
316	233.5	1744.9	5.0	0.43940	0.1248E-01	1.18493	0.7918E-02
316	234.5	1794.3	4.8	0.43993	0.1370E-01	1.18574	0.8615E-02
316	235.5	1837.7	4.6	0.44039	0.1477E-01	1.18528	0.8222E-02
316	236.5	1865.6	4.5	0.44112	0.1646E-01	1.18664	0.9550E-02
316	237.5	1883.2	5.4	0.44175	0.1790E-01	1.18729	0.9930E-02
316	238.5	1914.3	5.4	0.44246	0.1953E-01	1.18797	0.1051E-01
316	239.5	1946.3	5.7	0.44326	0.2137E-01	1.18865	0.1106E-01
316	240.5	1968.9	5.2	0.44406	0.2322E-01	1.18920	0.1156E-01
316	241.5	1997.9	6.0	0.44481	0.2498E-01	1.18994	0.1223E-01
316	242.5	2004.0	5.7	0.44560	0.2678E-01	1.19064	0.1278E-01

316	243.5	1707.9	8.6	0.44657	0.2900E-01	1.19158	0.1358E-01	98.2
316	244.5	1513.2	19.7	0.45183	0.4113E-01	1.19629	0.1754E-01	93.0
316	245.5	1394.8	8.1	-9.99900	-.9999E+04	1.21463	0.3316E-01	88.9

317	170.5						
317	165.5	016.7	0.3	0.43528	0.2419E-02	1.17393	0.1862E-02
317	166.0	016.5	0.7	0.43532	0.2508E-02	1.17397	0.1896E-02
317	165.5	016.7	0.5	0.43527	0.2396E-02	1.17392	0.1856E-02
317	167.0	016.6	0.7	0.43535	0.2576E-02	1.17394	0.1872E-02
317	167.5	016.5	0.4	0.43525	0.2344E-02	1.17394	0.1869E-02
317	168.0	016.5	0.2	0.43529	0.2441E-02	1.17391	0.1846E-02
317	168.5	016.7	0.5	0.43528	0.2411E-02	1.17389	0.1824E-02
317	169.0	015.7	0.3	0.43524	0.2322E-02	1.17387	0.1804E-02
317	169.5	016.1	0.4	0.43531	0.2486E-02	1.17397	0.1899E-02
317	170.0	016.1	0.5	0.43528	0.2411E-02	1.17394	0.1866E-02
317	170.5	015.8	0.5	0.43528	0.2419E-02	1.17392	0.1849E-02
317	171.0	015.5	0.4	0.43522	0.2262E-02	1.17396	0.1866E-02
317	181.0	016.2	0.2	0.43525	0.2344E-02	1.17390	0.1836E-02
317	191.0	017.7	0.6	0.43526	0.2367E-02	1.17392	0.1849E-02
317	192.0	022.1	0.7	0.43526	0.2359E-02	1.17396	0.1884E-02
317	193.0	033.2	1.4	0.43534	0.2534E-02	1.17403	0.1945E-02
317	194.0	050.1	1.4	0.43537	0.2613E-02	1.17410	0.2008E-02
317	195.0	070.0	1.8	0.43540	0.2689E-02	1.17414	0.2038E-02
317	196.0	708.5	2.1	0.43545	0.2807E-02	1.17428	0.2157E-02
317	197.0	745.8	2.0	0.43556	0.3046E-02	1.17447	0.2320E-02
317	198.0	784.7	2.1	0.43563	0.3225E-02	1.17456	0.2403E-02
317	199.0	824.6	2.0	0.43575	0.3501E-02	1.17466	0.2485E-02
317	200.0	865.6	2.0	0.43580	0.3613E-02	1.17484	0.2636E-02
317	201.0	904.5	2.0	0.43590	0.3845E-02	1.17498	0.2757E-02
317	202.0	943.4	2.2	0.43605	0.4170E-02	1.17515	0.2903E-02
317	203.0	982.4	2.3	0.43609	0.4278E-02	1.17530	0.3029E-02
317	204.0	1019.4	2.3	0.43623	0.4606E-02	1.17535	0.3069E-02
317	205.0	1057.9	2.2	0.43640	0.4961E-02	1.17549	0.3195E-02
317	206.0	1094.4	2.1	0.43656	0.5345E-02	1.17564	0.3321E-02
317	207.0	1129.5	2.3	0.43680	0.5920E-02	1.17575	0.3413E-02
317	208.0	1162.7	2.1	0.43702	0.6413E-02	1.17587	0.3513E-02
317	209.0	1194.6	2.0	0.43734	0.7152E-02	1.17595	0.3586E-02
317	210.0	1224.2	2.5	0.43777	0.8152E-02	1.17616	0.3761E-02
317	211.0	1258.0	2.6	0.43842	0.9645E-02	1.17627	0.3856E-02
317	212.0	1290.8	2.6	0.43903	0.1105E-01	1.17624	0.3834E-02
317	213.0	1323.5	2.9	0.43970	0.1258E-01	1.17624	0.3834E-02
317	214.0	1356.1	2.8	0.44038	0.1416E-01	1.17617	0.3775E-02
317	215.0	1388.0	2.8	0.44124	0.1612E-01	1.17595	0.3586E-02
317	216.0	1420.4	3.0	0.44259	0.1925E-01	1.17548	0.3181E-02
317	217.0	1451.8	3.2	0.44490	0.2458E-01	1.17463	0.2454E-02
317	218.0	1484.3	3.2	0.44926	0.3461E-01	1.17265	0.9411E-03
317	219.0	1515.9	10.4	0.45683	0.5204E-01	1.16947	-0.1949E-02
317	220.0	1546.7	33.4	0.46902	0.8011E-01	1.16778	-0.3384E-02
317	221.0	1572.6	38.7	0.49101	0.1307E+00	1.16643	-0.4540E-02

318	227.0						
318	222.0	602.7	0.2	0.43453	0.2766E-02	1.17367	-.1015E-02
318	222.5	603.0	0.2	0.43449	0.2663E-02	1.17363	-.1044E-02
318	223.0	603.4	0.4	0.43446	0.2648E-02	1.17366	-.1016E-02
318	223.5	603.1	0.2	0.43450	0.2761E-02	1.17365	-.1024E-02
318	224.0	603.0	0.3	0.43447	0.2633E-02	1.17367	-.1006E-02
318	224.5	602.9	0.3	0.43450	0.2643E-02	1.17367	-.1015E-02
318	225.0	601.8	0.4	0.43460	0.2426E-02	1.17394	-.9518E-03
318	225.5	600.3	0.7	0.43458	0.2680E-02	1.17384	-.1034E-02
318	226.0	596.7	0.5	0.43455	0.2605E-02	1.17367	-.1006E-02
318	226.5	597.6	0.4	0.43453	0.2760E-02	1.17386	-.1021E-02
318	227.0	597.4	0.1	0.43454	0.2740E-02	1.17392	-.4663E-03
318	227.5	597.1	0.6	0.43456	0.2635E-02	1.17367	-.1011E-02
318	237.5	600.2	0.6	0.43460	0.2918E-02	1.17369	-.9947E-03
318	247.5	605.8	0.8	0.43460	0.2433E-02	1.17394	-.9550E-03
318	248.5	614.2	1.3	0.43465	0.3045E-02	1.17394	-.4465E-03
318	249.5	632.4	1.4	0.43467	0.3090E-02	1.17409	-.6262E-03
318	250.5	654.2	1.8	0.43472	0.3209E-02	1.17420	-.7336E-03
318	251.5	690.7	2.0	0.43477	0.3322E-02	1.17426	-.6642E-03
318	252.5	727.8	2.0	0.43482	0.3426E-02	1.17445	-.5186E-03
318	253.5	767.6	2.0	0.43487	0.3546E-02	1.17456	-.4065E-03
318	254.5	807.7	2.2	0.43499	0.3630E-02	1.17473	-.2777E-03
318	255.5	848.3	2.1	0.43510	0.4070E-02	1.17484	-.1683E-03
318	256.5	889.0	2.1	0.43513	0.4144E-02	1.17500	-.5277E-04
318	257.5	927.6	2.2	0.43514	0.4154E-02	1.17506	0.1652E-04
318	258.5	967.0	2.1	0.43525	0.4414E-02	1.17524	0.1554E-03
318	259.5	1006.5	2.1	0.43539	0.4758E-02	1.17535	0.2479E-03
318	260.5	1043.0	2.2	0.43562	0.5261E-02	1.17554	0.4096E-03
318	261.5	1076.6	2.2	0.43560	0.5237E-02	1.17564	0.4957E-03
318	262.5	1115.4	2.3	0.43566	0.5379E-02	1.17574	0.5783E-03
318	263.5	1152.8	2.3	0.43584	0.5794E-02	1.17587	0.6941E-03
318	264.5	1185.4	2.7	0.43602	0.6202E-02	1.17595	0.7566E-03
318	265.5	1216.5	2.7	0.43622	0.6665E-02	1.17613	0.9121E-03
318	266.5	1249.1	2.9	0.43648	0.7271E-02	1.17633	0.1084E-02
318	267.5	1281.0	2.7	0.43667	0.7698E-02	1.17648	0.1206E-02
318	268.5	1312.6	3.0	0.43691	0.8251E-02	1.17651	0.1233E-02
318	269.5	1345.3	2.8	0.43706	0.8603E-02	1.17660	0.1309E-02
318	270.5	1380.1	3.1	0.43721	0.8955E-02	1.17678	0.1464E-02
318	271.5	1413.9	2.7	0.43733	0.9224E-02	1.17692	0.1586E-02
318	272.5	1444.0	3.2	0.43759	0.9822E-02	1.17706	0.1702E-02
318	273.5	1478.2	3.1	0.43792	0.1059E-01	1.17719	0.1811E-02
318	274.5	1509.1	3.4	0.43806	0.1091E-01	1.17729	0.1900E-02
318	275.5	1537.7	3.4	0.43844	0.1177E-01	1.17733	0.1937E-02
318	276.5	1563.3	3.6	0.44055	0.1664E-01	1.17731	0.1920E-02
318	277.5	1587.7	3.6	0.44012	0.1566E-01	1.17735	0.1953E-02
318	278.5	1605.3	4.1	0.44073	0.1707E-01	1.17754	0.2112E-02
318	279.5	1623.0	4.7	0.44235	0.2081E-01	1.17773	0.2271E-02
318	280.5	1645.4	4.9	0.44497	0.2686E-01	1.17699	-.5942E-04
318	281.5	1672.5	4.9	0.44979	0.3797E-01	1.17767	0.2393E-02
318	282.5	1708.9	6.6	0.46253	0.6734E-01	1.17653	0.1256E-02
318	283.5	1748.2	4.5	0.46380	0.7032E-01	1.17632	0.2776E-02

319	159.0						
319	154.0	593.3	0.3	0.43490	0.2524E-02	1.17613	0.1793E-02
319	154.5	593.5	0.2	0.43497	0.2554E-02	1.17611	0.1780E-02
319	155.0	593.3	0.2	0.43496	0.2531E-02	1.17615	0.1800E-02
319	155.5	595.4	0.5	0.43492	0.2427E-02	1.17608	0.1746E-02
319	156.0	593.5	0.2	0.43495	0.2509E-02	1.17609	0.1760E-02
319	156.5	593.2	0.4	0.43497	0.2554E-02	1.17605	0.1727E-02
319	157.0	593.2	0.6	0.43498	0.2560E-02	1.17600	0.1680E-02
319	157.5	595.4	0.5	0.43495	0.2494E-02	1.17615	0.1813E-02
319	158.0	597.0	0.4	0.43495	0.2501E-02	1.17614	0.1799E-02
319	158.5	598.0	0.5	0.43497	0.2539E-02	1.17611	0.1773E-02
319	159.0	600.0	0.4	0.43500	0.2621E-02	1.17614	0.1799E-02
319	159.5	601.1	0.5	0.43497	0.2554E-02	1.17611	0.1773E-02
319	169.5	649.0	0.7	0.43514	0.2942E-02	1.17652	0.2123E-02
319	179.5	830.6	1.0	0.43541	0.3562E-02	1.17696	0.2501E-02
319	189.5	952.3	1.1	0.43560	0.4586E-02	1.17739	0.2668E-02
319	199.5	1067.4	1.1	0.43551	0.6095E-02	1.17770	0.3185E-02
319	209.5	1172.3	1.3	0.43830	0.1021E-01	1.17825	0.3599E-02
319	210.5	1181.9	1.6	0.43856	0.1082E-01	1.17822	0.3569E-02
319	211.5	1169.7	1.3	0.43842	0.1166E-01	1.17829	0.3635E-02
319	212.5	1200.6	1.4	0.43938	0.1270E-01	1.17827	0.3612E-02
319	213.5	1211.2	1.4	0.44004	0.1424E-01	1.17826	0.3605E-02
319	214.5	1223.4	1.6	0.44068	0.1571E-01	1.17810	0.3470E-02
319	215.5	1232.6	1.4	0.44145	0.1749E-01	1.17766	0.3281E-02
319	216.5	1245.2	1.7	0.44235	0.1957E-01	1.17761	0.3050E-02
319	217.5	1253.4	1.8	0.44346	0.2211E-01	1.17712	0.2633E-02
319	218.5	1263.1	1.8	0.44458	0.2469E-01	1.17659	0.2186E-02
319	219.5	1274.1	2.0	0.44604	0.2805E-01	1.17590	0.1647E-02
319	220.5	1284.0	1.8	0.44788	0.3231E-01	1.17510	0.9692E-03
319	221.5	1296.9	1.7	0.45018	0.3700E-01	1.17402	0.0000E+00
319	222.5	1309.1	2.0	0.45323	0.4463E-01	1.17256	-0.1247E-02
319	223.5	1320.7	22.2	0.45728	0.5397E-01	1.17148	-0.2167E-02
319	224.5	1330.2	46.1	0.46210	0.6507E-01	1.17097	-0.2600E-02
319	225.5	1342.9	57.2	0.46853	0.7989E-01	1.17055	-0.2964E-02
319	226.5	1355.1	65.3	0.47806	0.1019E+00	1.17009	-0.3347E-02
319	227.5	1370.1	75.6	0.49387	0.1363E+00	1.16933	-0.3999E-02
319	228.5	1386.5	99.9	-9.99900	-0.9999E+04	1.16714	-0.5865E-02
319	229.5	1192.2	7.2	-9.99900	-0.9999E+04	1.16709	0.1113E-01
319	230.5	1325.8	15.6	-9.99900	-0.9999E+04	1.20067	0.2270E-01
319	231.5	1435.5	6.6	-9.99900	-0.9999E+04	1.20787	0.2683E-01

320	242.5						
320	257.5	622.6	0.5	0.43470	0.2055E-02	1.16844	0.3653E-02
320	258.0	622.7	0.4	0.43471	0.2077E-02	1.16840	0.3622E-02
320	258.5	622.6	0.7	0.43472	0.2107E-02	1.16842	0.3638E-02
320	259.0	622.4	0.3	0.43466	0.2063E-02	1.16846	0.3664E-02
320	259.5	622.6	0.5	0.43470	0.2062E-02	1.16839	0.3610E-02
320	260.0	622.6	0.4	0.43475	0.2204E-02	1.16854	0.3664E-02
320	260.5	622.4	0.5	0.43474	0.2145E-02	1.16844	0.3654E-02
320	261.0	621.3	0.7	0.43471	0.2042E-02	1.16843	0.3644E-02
320	261.5	621.8	0.6	0.43473	0.2130E-02	1.16843	0.3649E-02
320	262.0	622.8	0.2	0.43475	0.2175E-02	1.16843	0.3646E-02
320	262.5	625.2	0.7	0.43473	0.2133E-02	1.16841	0.3632E-02
320	263.0	626.8	0.7	0.43471	0.2085E-02	1.16840	0.3619E-02
320	273.0	720.6	0.9	0.43485	0.2414E-02	1.16879	0.3959E-02
320	283.0	846.5	0.7	0.43475	0.2177E-02	1.16920	0.4306E-02
320	293.0	966.7	1.0	0.43535	0.3564E-02	1.16959	0.4643E-02
320	303.0	1080.2	0.5	0.43563	0.4200E-02	1.16997	0.4973E-02
320	313.0	1182.3	1.7	0.43569	0.4805E-02	1.17037	0.5310E-02
320	323.0	1288.2	2.0	0.43623	0.5582E-02	1.17072	0.5614E-02
320	333.0	1391.3	2.1	0.43653	0.6277E-02	1.17118	0.6008E-02
320	343.0	1487.8	2.0	0.43680	0.6905E-02	1.17162	0.6388E-02
320	353.0	1577.0	3.0	0.43712	0.7637E-02	1.17184	0.6575E-02
320	363.0	1663.6	3.4	0.43833	0.1042E-01	1.17340	0.7919E-02
320	373.0	1764.6	3.8	0.44094	0.1645E-01	1.17630	0.1041E-01
320	383.0	1860.6	4.3	0.44355	0.2246E-01	1.17850	0.1230E-01
320	393.0	1950.7	4.4	0.44645	0.2915E-01	1.18061	0.1428E-01
320	403.0	2038.4	4.6	0.44892	0.3464E-01	1.18256	0.1576E-01
320	413.0	2124.7	5.4	0.45141	0.4057E-01	1.18429	0.1727E-01
320	423.0	0.0	5.4	0.45376	0.4599E-01	1.18557	0.1837E-01
320	433.0	2197.7	6.2	0.45498	0.4682E-01	1.18639	0.1903E-01
320	443.0	2197.0	5.5	0.45601	0.5119E-01	1.18723	0.1979E-01
320	453.0	2197.9	5.4	0.45665	0.5313E-01	1.18800	0.2046E-01
320	454.0	2194.3	6.1	0.45696	0.5338E-01	1.18790	0.2037E-01
320	455.0	2187.3	6.0	0.45696	0.5338E-01	1.18798	0.2044E-01
320	456.0	2196.1	6.3	0.45712	0.5374E-01	1.18808	0.2052E-01
320	457.0	2197.6	5.8	0.45704	0.5355E-01	1.18827	0.2060E-01
320	458.0	2191.2	6.2	0.45711	0.5371E-01	1.18816	0.2059E-01
320	459.0	2191.9	6.1	0.45718	0.5369E-01	1.18825	0.2067E-01
320	460.0	2197.0	5.8	0.45730	0.5416E-01	1.18837	0.2077E-01
320	461.0	2195.0	6.2	0.45733	0.5422E-01	1.18832	0.2073E-01
320	462.0	2190.5	6.0	0.45753	0.5468E-01	1.18827	0.2068E-01
320	463.0	2186.3	5.4	0.45754	0.5471E-01	1.18845	0.2084E-01
320	464.0	2193.8	5.5	0.45760	0.5485E-01	1.18851	0.2084E-01
320	465.0	2200.9	6.5	0.45765	0.5496E-01	1.18858	0.2098E-01
320	466.0	2193.3	5.5	0.45756	0.5477E-01	1.18851	0.2089E-01
320	467.0	2189.0	5.4	0.45770	0.5508E-01	1.18865	0.2101E-01
320	468.0	2192.4	5.8	0.45769	0.5500E-01	1.18878	0.2112E-01
320	469.0	2191.9	6.3	0.45762	0.5535E-01	1.18874	0.2104E-01
320	470.0	2189.0	5.9	0.45763	0.5538E-01	1.18862	0.2110E-01
320	471.0	2193.7	5.8	0.45800	0.5577E-01	1.18862	0.2116E-01
320	472.0	2194.9	6.3	0.45796	0.5568E-01	1.18865	0.2118E-01
320	473.0	2194.0	6.1	0.45795	0.5568E-01	1.18867	0.2121E-01
320	474.0	2190.3	6.1	0.45809	0.5597E-01	1.18892	0.2125E-01
320	475.5	2190.0	6.5	0.45810	0.5600E-01	1.18902	0.2133E-01

321	139.5						
321	133.5	606.0	0.5	0.43503	0.2096E-02	1.18025	0.1694E-02
321	134.0	606.5	0.6	0.43512	0.2160E-02	1.18026	0.1704E-02
321	134.5	606.6	0.5	0.43513	0.2203E-02	1.18025	0.1694E-02
321	135.0	606.1	0.5	0.43506	0.2036E-02	1.18029	0.1730E-02
321	135.5	605.9	0.3	0.43513	0.2195E-02	1.18020	0.1651E-02
321	136.0	607.2	0.2	0.43511	0.2150E-02	1.18030	0.1740E-02
321	136.5	607.1	0.5	0.43508	0.2100E-02	1.18031	0.1747E-02
321	137.0	606.2	0.2	0.43511	0.2161E-02	1.18026	0.1704E-02
321	137.5	606.8	0.5	0.43506	0.2069E-02	1.18027	0.1717E-02
321	138.0	607.0	0.5	0.43507	0.2066E-02	1.18027	0.1714E-02
321	138.5	606.5	0.6	0.43509	0.2120E-02	1.18021	0.1661E-02
321	139.0	608.5	0.7	0.43510	0.2126E-02	1.18025	0.1697E-02
321	149.0	691.6	0.9	0.43523	0.2425E-02	1.18056	0.1964E-02
321	159.0	814.5	0.7	0.43555	0.3164E-02	1.18101	0.2340E-02
321	169.0	940.0	0.9	0.43586	0.3935E-02	1.18138	0.2656E-02
321	179.0	1055.5	1.4	0.43632	0.4935E-02	1.18165	0.3055E-02
321	189.0	1156.2	1.6	0.43718	0.6929E-02	1.18234	0.3470E-02
321	199.0	1263.0	1.5	0.43932	0.1185E-01	1.18255	0.3648E-02
321	209.0	1367.4	2.2	0.44246	0.1914E-01	1.18178	0.2996E-02
321	210.0	1378.6	2.1	0.44314	0.2064E-01	1.18157	0.2815E-02
321	211.0	1387.4	2.1	0.44391	0.2242E-01	1.18122	0.2525E-02
321	212.0	1398.1	2.3	0.44467	0.2465E-01	1.18090	0.2246E-02
321	213.0	1406.1	2.1	0.44592	0.2705E-01	1.18048	0.1889E-02
321	214.0	1418.1	2.0	0.44730	0.3024E-01	1.17987	0.1371E-02
321	215.0	1431.4	2.4	0.44907	0.3431E-01	1.17908	0.7053E-03
321	216.0	1440.3	2.1	0.45141	0.3971E-01	1.17810	-0.1253E-03
321	217.0	1456.9	1.8	0.45425	0.4623E-01	1.17691	-0.1134E-02
321	218.0	1460.4	2.4	0.45770	0.5418E-01	1.17537	-0.2442E-02
321	219.0	1471.8	15.9	0.46251	0.6527E-01	1.17354	-0.4001E-02
321	220.0	1481.9	34.5	0.46848	0.7903E-01	1.17296	-0.4469E-02
321	221.0	1491.2	38.6	0.47010	0.9658E-01	1.17260	-0.4792E-02
321	222.0	1505.6	43.2	0.48701	0.1217E+00	1.17230	-0.5053E-02
321	223.0	1515.9	49.5	0.50191	0.1560E+00	1.17166	-0.5577E-02
321	224.0	1527.4	60.5-9.99900		-0.9999E+04	1.17023	-0.6806E-02
321	225.0	1538.1	58.6-9.99900		-0.9999E+04	1.16157	-0.1416E-01
321	227.5	1566.1	2.6-9.99900		-0.9999E+04	1.11411	-0.5444E-01
321	228.0	1581.6	2.4-9.99900		-0.9999E+04	1.12130	-0.4634E-01
321	229.5	1586.1	2.4-9.99900		-0.9999E+04	1.12441	-0.4569E-01
321	229.0	1587.5	2.2-9.99900		-0.9999E+04	1.12660	-0.4383E-01

322	221.5						
322	216.	600.9	0.1	0.43471	0.2617E-02	1.18804	0.1234E-02
322	217.0	600.8	0.1	0.43472	0.2639E-02	1.18802	0.1221E-02
322	217.5	600.3	0.1	0.43474	0.2669E-02	1.18800	0.1198E-02
322	218.0	600.3	0.2	0.43474	0.2669E-02	1.18801	0.1211E-02
322	218.5	599.2	0.2	0.43472	0.2624E-02	1.18800	0.1204E-02
322	219	600.2	0.2	0.43473	0.2662E-02	1.18797	0.1178E-02
322	219.5	601.2	0.3	0.43472	0.2639E-02	1.18803	0.1227E-02
322	220.0	601.3	0.5	0.43474	0.2669E-02	1.18801	0.1208E-02
322	220.5	603.0	-0.1	0.43471	0.2617E-02	1.18797	0.1175E-02
322	221.0	602.5	0.3	0.43474	0.2572E-02	1.18803	0.1227E-02
322	221.5	605.4	0.2	0.43476	0.2714E-02	1.18806	0.1247E-02
322	222.0	608.9	-0.1	0.43478	0.2774E-02	1.18800	0.1201E-02
322	232.0	710.8	0.6	0.43498	0.3222E-02	1.18846	0.1587E-02
322	242.0	839.0	0.8	0.43520	0.3746E-02	1.18888	0.1944E-02
322	252.0	964.1	1.0	0.43542	0.4389E-02	1.18929	0.2288E-02
322	262.0	1076.1	1.1	0.43583	0.5169E-02	1.18971	0.2644E-02
322	272.0	1176.3	1.3	0.43626	0.6191E-02	1.19014	0.3004E-02
322	282.0	1286.8	1.5	0.43700	0.7880E-02	1.19049	0.3302E-02
322	292.0	1386.3	2.0	0.43750	0.9264E-02	1.19069	0.3466E-02
322	302.0	1489.6	2.1	0.43851	0.1138E-01	1.19102	0.3747E-02
322	303.0	1495.9	2.4	0.43868	0.1176E-01	1.19110	0.3818E-02
322	304.0	1506.9	2.7	0.43887	0.1221E-01	1.19115	0.3858E-02
322	305.0	1516.8	2.4	0.43894	0.1237E-01	1.19112	0.3829E-02
322	306.0	1526.2	2.3	0.43909	0.1272E-01	1.19112	0.3829E-02
322	307.0	1532.2	2.6	0.43936	0.1333E-01	1.19117	0.3872E-02
322	308.0	1543.9	2.7	0.43964	0.1410E-01	1.19107	0.3790E-02
322	309.0	1552.3	2.5	0.43968	0.1454E-01	1.19107	0.3787E-02
322	310.0	1558.9	2.8	0.44019	0.1524E-01	1.19096	0.3692E-02
322	311.0	1564.7	2.2	0.44060	0.1619E-01	1.19099	0.3721E-02
322	312.0	1577.3	2.6	0.44104	0.1721E-01	1.19100	0.3724E-02
322	313.0	1582.6	3.0	0.44154	0.1837E-01	1.19098	0.3719E-02
322	314.0	1591.8	3.0	0.44224	0.1997E-01	1.19094	0.3679E-02
322	315.0	1600.8	3.0	0.44299	0.2170E-01	1.19093	0.3672E-02
322	316.0	1607.8	3.1	0.44343	0.2367E-01	1.19090	0.3643E-02
322	317.0	1617.1	3.1	0.44506	0.2646E-01	1.19089	0.3633E-02
322	318.0	1626.2	3.1	0.44623	0.2918E-01	1.19096	0.3642E-02
322	319.0	1632.6	3.2	0.44602	0.3331E-01	1.19100	0.3731E-02
322	320.0	1644.1	3.6	0.45021	0.3835E-01	1.19114	0.3846E-02
322	321.0	1655.8	3.6	0.45275	0.4422E-01	1.19140	0.4061E-02
322	322.0	1664.5	4.4	0.45594	0.5157E-01	1.19156	0.4199E-02
322	323.0	1678.9	3.2	0.46021	0.6141E-01	1.19175	0.4354E-02
322	324.0	1692.1	2.9	0.46639	0.7562E-01	1.19190	0.4484E-02
322	325.0	1699.9	3.6-9.99900	-9.9999E+04	1.21374	0.2234E-01	345.4
322	326.0	1663.7	4.4-9.99900	-9.9999E+04	1.19237	0.4883E-02	393.7
322	327.0	1724.3	3.4-9.99900	-9.9999E+04	1.19281	0.5256E-02	399.1
322	328.0	1750.1	3.0-9.99900	-9.9999E+04	1.19308	0.5485E-02	403.3
322	329.0	1752.3	2.9-9.99900	-9.9999E+04	1.18980	0.2715E-02	406.5
322	330.0	1752.7	3.1-9.99900	-9.9999E+04	1.19141	0.4071E-02	408.7
322	331.0	1762.1	2.9	0.47356	0.9222E-01	1.19161	0.4245E-02
322	332.0	1770.5	3.4	0.47374	0.9262E-01	1.19174	0.4356E-02

H : Biaxial Ramp Test Strain Data Zry-2
(In 6.5×10^{-5} atm air)

H : Biaxial Ramp Temperature Strain Data Zry-2
(In 6.5×10^{-5} atm air)

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304	160.0	623.0	2.5	0.49849	0.2000E-02	1.17415	0.1640E-02	100.1
304	160.5	622.3	2.3	0.49850	0.2023E-02	1.17418	0.1665E-02	99.8
304	161.0	623.1	2.1	0.49848	0.1991E-02	1.17415	0.1643E-02	100.2
304	161.5	623.2	2.0	0.49847	0.1968E-02	1.17419	0.1671E-02	100.0
304	162.0	622.9	2.4	0.49850	0.2026E-02	1.17413	0.1627E-02	100.1
304	162.5	623.1	2.2	0.49849	0.2007E-02	1.17417	0.1660E-02	100.2
304	163.0	622.5	2.1	0.49849	0.2000E-02	1.17421	0.1689E-02	100.1
304	163.5	623.0	2.0	0.49847	0.1998E-02	1.17420	0.1681E-02	99.8
304	164.0	622.4	2.4	0.49848	0.1991E-02	1.17417	0.1655E-02	99.9
304	164.5	622.7	2.5	0.49853	0.2085E-02	1.17414	0.1633E-02	100.2
304	165.0	623.2	2.1	0.49847	0.1961E-02	1.17420	0.1688E-02	100.1
304	165.5	623.3	2.3	0.49845	0.1925E-02	1.17416	0.1653E-02	99.8
304	175.5	632.2	2.4	0.49844	0.2013E-02	1.17422	0.1696E-02	99.0
304	185.5	647.1	2.3	0.49853	0.2085E-02	1.17425	0.1723E-02	99.7
304	195.5	665.1	2.4	0.49857	0.2176E-02	1.17434	0.1803E-02	100.0
304	205.5	684.6	2.5	0.49865	0.2320E-02	1.17437	0.1825E-02	99.7
304	215.5	704.5	2.2	0.49864	0.2313E-02	1.17446	0.1908E-02	99.3
304	225.5	724.7	2.3	0.49870	0.2430E-02	1.17455	0.1978E-02	99.5
304	235.5	745.0	2.2	0.49879	0.2613E-02	1.17453	0.2047E-02	99.5
304	245.5	764.8	2.4	0.49881	0.2658E-02	1.17469	0.2100E-02	99.5
304	255.5	785.2	2.2	0.49890	0.2834E-02	1.17477	0.2173E-02	99.3
304	265.5	805.5	2.3	0.49897	0.2971E-02	1.17483	0.2223E-02	99.5
304	275.5	824.7	2.4	0.49898	0.2997E-02	1.17487	0.2258E-02	99.8
304	285.5	844.3	2.4	0.49908	0.3201E-02	1.17469	0.2104E-02	99.6
304	295.5	863.3	2.1	0.49910	0.3238E-02	1.17504	0.2400E-02	99.3
304	305.5	881.9	2.4	0.49913	0.3290E-02	1.17509	0.2436E-02	99.4
304	315.5	899.9	2.3	0.49923	0.3493E-02	1.17513	0.2475E-02	99.2
304	325.5	919.2	2.5	0.49925	0.3530E-02	1.17519	0.2524E-02	99.3
304	335.5	937.6	2.4	0.49928	0.3597E-02	1.17525	0.2577E-02	100.0
304	345.5	955.0	2.2	0.49933	0.3694E-02	1.17534	0.2654E-02	99.7
304	355.5	972.4	2.7	0.49938	0.3792E-02	1.17538	0.2687E-02	99.7
304	365.5	988.6	2.7	0.49934	0.3721E-02	1.17549	0.2786E-02	100.5
304	375.5	1005.6	2.1	0.49945	0.3926E-02	1.17554	0.2822E-02	100.8
304	385.5	1021.1	2.5	0.49947	0.3981E-02	1.17559	0.2872E-02	100.4
304	395.5	1036.7	2.8	0.49952	0.4069E-02	1.17566	0.2926E-02	100.4
304	405.5	1052.9	3.0	0.49956	0.4203E-02	1.17571	0.2968E-02	100.5
304	415.5	1067.9	2.7	0.49955	0.4136E-02	1.17544	0.2740E-02	100.3
304	425.5	1083.8	2.9	0.49964	0.4308E-02	1.17554	0.2826E-02	100.2
304	435.5	1099.9	3.0	0.49967	0.4385E-02	1.17561	0.2885E-02	100.2
304	445.5	1115.9	3.2	0.49972	0.4476E-02	1.17563	0.2905E-02	100.1
304	455.5	1131.9	3.0	0.49977	0.4574E-02	1.17572	0.2978E-02	99.9
304	465.5	1146.3	3.2	0.49980	0.4624E-02	1.17574	0.2998E-02	100.1
304	475.5	1164.6	3.5	0.49985	0.4746E-02	1.17582	0.3064E-02	99.6
304	485.5	1182.5	3.3	0.49990	0.4835E-02	1.17587	0.3111E-02	99.6
304	495.5	1199.5	3.1	0.49993	0.4894E-02	1.17594	0.3164E-02	99.9
304	505.5	1216.4	3.5	0.50004	0.5142E-02	1.17600	0.3217E-02	99.6
304	515.5	1233.0	3.5	0.50012	0.5274E-02	1.17609	0.3290E-02	99.5
304	525.5	1249.5	3.4	0.50016	0.5356E-02	1.17608	0.3263E-02	99.5
304	535.5	1266.4	3.2	0.50026	0.5571E-02	1.17618	0.3376E-02	99.6
304	545.5	1292.9	3.7	0.50031	0.5662E-02	1.17624	0.3422E-02	99.5
304	555.5	1300.0	3.7	0.50040	0.5838E-02	1.17634	0.3508E-02	99.2
304	565.5	1316.1	3.8	0.50045	0.5936E-02	1.17640	0.3561E-02	99.2
304	575.5	1333.3	4.0	0.50051	0.6060E-02	1.17643	0.3588E-02	99.1
304	585.5	1344.6	3.4	0.50056	0.6171E-02	1.17650	0.3647E-02	99.2
304	595.5	1366.0	3.7	0.50065	0.6353E-02	1.17657	0.3707E-02	99.1
304	605.5	1383.2	3.6	0.50103	0.7115E-02	1.17663	0.3760E-02	99.1
304	615.5	1400.2	4.2	0.50113	0.7311E-02	1.17674	0.3853E-02	98.9
304	625.5	1416.2	3.4	0.50085	0.6744E-02	1.17676	0.3668E-02	99.1
304	635.5	1432.0	4.1	0.50090	0.6842E-02	1.17684	0.3965E-02	99.0
304	645.5	1450.1	4.3	0.50100	0.7050E-02	1.17697	0.4045E-02	98.9

304	655.5	1466.1	3.8	0.50127	0.7545E-02	1.17701	0.4078E-02	98.9
304	665.5	1484.4	4.1	0.50103	0.7113E-02	1.17712	0.4177E-02	98.6
304	666.5	1485.9	4.3	0.50114	0.7337E-02	1.17710	0.4158E-02	98.6
304	667.5	1487.2	4.4	0.50134	0.7728E-02	1.17713	0.4184E-02	98.9
304	668.5	1489.1	4.4	0.50111	0.7272E-02	1.17711	0.4164E-02	98.4
304	669.5	1490.8	4.2	0.50115	0.7344E-02	1.17712	0.4171E-02	99.1
304	670.5	1492.0	3.8	0.50130	0.7663E-02	1.17706	0.4124E-02	98.7
304	671.5	1496.0	4.4	0.50134	0.7741E-02	1.17716	0.4211E-02	98.8
304	672.5	1495.5	4.1	0.50134	0.7741E-02	1.17715	0.4197E-02	98.3
304	673.5	1495.8	4.3	0.50132	0.7699E-02	1.17714	0.4191E-02	98.9
304	674.5	1498.8	4.6	0.50115	0.7350E-02	1.17713	0.4184E-02	98.8
304	675.5	1500.2	4.3	0.50133	0.7721E-02	1.17723	0.4270E-02	98.4
304	676.5	1502.0	3.9	0.50116	0.7353E-02	1.17716	0.4211E-02	99.1
304	677.5	1503.7	4.6	0.50132	0.7694E-02	1.17721	0.4250E-02	99.2
304	678.5	1505.2	4.3	0.50132	0.7694E-02	1.17716	0.4211E-02	98.8
304	679.5	1506.4	4.3	0.50123	0.7506E-02	1.17716	0.4204E-02	99.0
304	680.5	1508.0	4.6	0.50123	0.7522E-02	1.17721	0.4250E-02	98.7
304	681.5	1510.1	4.4	0.50125	0.7546E-02	1.17719	0.4230E-02	99.0
304	682.5	1512.2	4.4	0.50130	0.7663E-02	1.17726	0.4290E-02	98.8
304	683.5	1513.0	4.3	0.50136	0.7780E-02	1.17722	0.4257E-02	99.0
304	684.5	1515.0	4.2	0.50116	0.7370E-02	1.17725	0.4284E-02	99.2
304	685.5	1516.8	4.3	0.50134	0.7741E-02	1.17723	0.4270E-02	99.0
304	686.5	1518.1	4.3	-9.99900	-9.9999E+04	1.17720	0.4244E-02	98.9
304	687.5	1519.7	4.7	-9.99900	-9.9999E+04	1.17723	0.4270E-02	98.7
304	688.5	1521.0	4.2	-9.99900	-9.9999E+04	1.17725	0.4283E-02	99.0
304	689.5	1522.9	4.2	-9.99900	-9.9999E+04	1.17727	0.4303E-02	98.5
304	690.5	1524.3	4.4	-9.99900	-9.9999E+04	1.17726	0.4297E-02	98.9
304	691.5	1526.0	5.1	-9.99900	-9.9999E+04	1.17725	0.4283E-02	98.8
304	692.5	1527.6	4.6	-9.99900	-9.9999E+04	1.17722	0.4264E-02	98.4
304	693.5	1528.8	4.7	-9.99900	-9.9999E+04	1.17723	0.4270E-02	98.9
304	694.5	1530.6	4.6	-9.99900	-9.9999E+04	1.17724	0.4277E-02	98.6
304	695.5	1532.2	4.2	-9.99900	-9.9999E+04	1.17729	0.4316E-02	98.4
304	696.5	1533.8	4.6	-9.99900	-9.9999E+04	1.17729	0.4323E-02	98.7
304	697.5	1535.4	4.4	-9.99900	-9.9999E+04	1.17729	0.4323E-02	98.7
304	698.5	1537.0	4.8	-9.99900	-9.9999E+04	1.17731	0.4336E-02	98.9
304	699.5	1538.4	4.5	-9.99900	-9.9999E+04	1.17723	0.4270E-02	98.4
304	700.5	1539.7	4.4	-9.99900	-9.9999E+04	1.17727	0.4303E-02	98.7
304	701.5	1541.8	4.5	-9.99900	-9.9999E+04	1.17727	0.4303E-02	98.6
304	702.5	1543.3	4.7	-9.99900	-9.9999E+04	1.17731	0.4336E-02	98.9
304	703.5	1544.9	4.6	-9.99900	-9.9999E+04	1.17728	0.4310E-02	98.9
304	704.5	1546.8	4.2	-9.99900	-9.9999E+04	1.17733	0.4350E-02	99.0
304	705.5	1547.8	4.6	-9.99900	-9.9999E+04	1.17736	0.4383E-02	98.5
304	706.5	1548.8	4.3	-9.99900	-9.9999E+04	1.17733	0.4350E-02	98.8
304	707.5	1550.8	4.7	-9.99900	-9.9999E+04	1.17736	0.4396E-02	98.9
304	708.5	1552.0	4.6	-9.99900	-9.9999E+04	1.17744	0.4449E-02	98.5
304	709.5	1554.1	4.9	-9.99900	-9.9999E+04	1.17737	0.4389E-02	98.7
304	710.5	1556.0	4.5	-9.99900	-9.9999E+04	1.17740	0.4404E-02	98.7
304	711.5	1557.2	4.6	-9.99900	-9.9999E+04	1.17739	0.4403E-02	98.4
304	712.5	1559.0	4.7	-9.99900	-9.9999E+04	1.17741	0.4423E-02	98.6
304	713.5	1560.8	4.6	-9.99900	-9.9999E+04	1.17747	0.4469E-02	98.7
304	714.5	1562.3	4.8	-9.99900	-9.9999E+04	1.17754	0.4524E-02	98.4
304	715.5	1563.5	4.4	-9.99900	-9.9999E+04	1.17754	0.4535E-02	98.6
304	716.5	1565.0	4.6	-9.99900	-9.9999E+04	1.17753	0.4522E-02	98.7
304	717.5	1567.3	4.6	-9.99900	-9.9999E+04	1.17754	0.4535E-02	98.6
304	718.5	1568.5	4.7	-9.99900	-9.9999E+04	1.17760	0.4542E-02	98.4
304	719.5	1570.2	4.5	-9.99900	-9.9999E+04	1.17757	0.4562E-02	98.6
304	720.5	1572.0	4.8	-9.99900	-9.9999E+04	1.17757	0.4562E-02	98.6
304	721.5	1573.5	4.6	-9.99900	-9.9999E+04	1.17775	0.4714E-02	98.7
304	722.5	1575.0	4.8	-9.99900	-9.9999E+04	1.17764	0.4615E-02	98.6
304	723.5	1577.0	5.0	-9.99900	-9.9999E+04	1.17777	0.4727E-02	98.6

304	724.5	1579.1	4.6-9.99900	-0.9999E+04	1.17775	0.4707E-02	98.5
304	725.5	1579.8	5.0-9.99900	-0.9999E+04	1.17773	0.4734E-02	98.7
304	726.5	1581.4	4.8-9.99900	-0.9999E+04	1.17777	0.4727E-02	98.7
304	727.5	1582.9	5.1-9.99900	-0.9999E+04	1.17758	0.4820E-02	98.6
304	728.5	1584.6	4.3-9.99900	-0.9999E+04	1.17729	0.4919E-02	98.6
304	729.5	1586.5	4.2-9.99900	-0.9999E+04	1.17797	0.4900E-02	98.6
304	730.5	1588.1	4.9-9.99900	-0.9999E+04	1.17506	0.4979E-02	98.7
304	731.5	1589.0	5.1-9.99900	-0.9999E+04	1.17604	0.4959E-02	98.9
304	732.5	1590.9	5.0-9.99900	-0.9999E+04	1.17309	0.5006E-02	98.3
304	733.5	1592.0	4.8-9.99900	-0.9999E+04	1.17815	0.5059E-02	98.7
304	734.5	1593.3	5.3-9.99900	-0.9999E+04	1.17821	0.5105E-02	98.8
304	735.5	1594.8	5.1-9.99900	-0.9999E+04	1.17837	0.5237E-02	98.8
304	736.5	1596.4	5.1-9.99900	-0.9999E+04	1.17839	0.5257E-02	99.0
304	737.5	1598.5	5.0-9.99900	-0.9999E+04	1.17846	0.5330E-02	98.9
304	738.5	1599.9	4.7-9.99900	-0.9999E+04	1.17853	0.5377E-02	98.8
304	739.5	1601.8	4.7-9.99900	-0.9999E+04	1.17647	0.5324E-02	98.4
304	740.5	1603.3	5.3-9.99900	-0.9999E+04	1.17862	0.5456E-02	98.8
304	741.5	1604.7	4.7-9.99900	-0.9999E+04	1.17872	0.5542E-02	98.3
304	742.5	1606.1	4.5-9.99900	-0.9999E+04	1.17875	0.5562E-02	98.6
304	743.5	1607.5	4.9-9.99900	-0.9999E+04	1.17887	0.5665E-02	98.4
304	744.5	1609.5	5.0-9.99900	-0.9999E+04	1.23236	0.5130E-01	98.6
304	745.5	1611.1	5.1-9.99900	-0.9999E+04	1.17914	0.5896E-02	98.7
304	746.5	1612.8	5.0-9.99900	-0.9999E+04	1.17911	0.5874E-02	98.7
304	747.5	1614.5	5.0-9.99900	-0.9999E+04	1.17927	0.6007E-02	98.8
304	748.5	1616.2	5.2-9.99900	-0.9999E+04	1.17949	0.6196E-02	98.6
304	749.5	1618.1	5.1-9.99900	-0.9999E+04	1.17953	0.6357E-02	98.7
304	750.5	1619.5	5.0-9.99900	-0.9999E+04	1.17948	0.6165E-02	98.6
304	752.0	1621.7	5.0-9.99900	-0.9999E+04	1.17949	0.6198E-02	98.6
304	752.5	1622.8	5.3-9.99900	-0.9999E+04	1.17951	0.6296E-02	98.6
304	753.5	1624.6	5.1-9.99900	-0.9999E+04	1.17970	0.6377E-02	98.7
304	754.5	1626.3	5.4-9.99900	-0.9999E+04	1.17984	0.6492E-02	98.6
304	755.5	1627.9	5.4-9.99900	-0.9999E+04	1.17980	0.6463E-02	98.5
304	756.5	1629.5	5.2-9.99900	-0.9999E+04	1.18003	0.6655E-02	99.0
304	757.5	1631.2	5.0-9.99900	-0.9999E+04	1.18015	0.6755E-02	98.8
304	758.5	1632.6	5.4-9.99900	-0.9999E+04	1.17998	0.6616E-02	98.6
304	761.0	1636.8	5.1-9.99900	-0.9999E+04	1.18005	0.6675E-02	98.6
304	763.0	1640.5	5.5-9.99900	-0.9999E+04	1.18067	0.7033E-02	98.7
304	763.5	1641.1	5.2-9.99900	-0.9999E+04	1.18055	0.7099E-02	98.8
304	764.0	1642.3	5.2-9.99900	-0.9999E+04	1.18058	0.7126E-02	98.6
304	764.5	1643.6	5.7-9.99900	-0.9999E+04	1.18070	0.7232E-02	98.6
304	765.0	1644.0	5.7-9.99900	-0.9999E+04	1.18061	0.7152E-02	98.4
304	765.5	1645.2	5.0-9.99900	-0.9999E+04	1.18080	0.7311E-02	98.6
304	766.5	1646.7	4.8-9.99900	-0.9999E+04	1.18074	0.7256E-02	98.6
304	772.5	1658.0	5.3-9.99900	-0.9999E+04	1.18142	0.7841E-02	98.8
304	773.5	1659.2	5.2-9.99900	-0.9999E+04	1.18159	0.7987E-02	98.7
304	774.0	1660.1	5.5-9.99900	-0.9999E+04	1.18151	0.7921E-02	98.7
304	774.5	1660.7	5.0-9.99900	-0.9999E+04	1.18149	0.7901E-02	98.3
304	775.0	1661.9	5.5-9.99900	-0.9999E+04	1.18164	0.8027E-02	98.5
304	775.5	1662.8	5.5-9.99900	-0.9999E+04	1.18190	0.8166E-02	98.6
304	776.0	1664.0	5.4-9.99900	-0.9999E+04	1.18152	0.7924E-02	98.6
304	778.0	1668.2	5.4-9.99900	-0.9999E+04	1.18202	0.8354E-02	98.3
304	778.5	1669.1	5.4-9.99900	-0.9999E+04	1.18203	0.8365E-02	98.3
304	780.5	1673.3	5.9-9.99900	-0.9999E+04	1.18206	0.8385E-02	98.6
304	781.0	1674.2	5.6-9.99900	-0.9999E+04	1.18206	0.8385E-02	98.6
304	781.5	1675.2	5.5-9.99900	-0.9999E+04	1.18236	0.8623E-02	98.7
304	892.0	1857.9	6.3-9.99900	-0.9999E+04	1.29902	0.1082E+00	84.8

305	203.5	619.3	5.1	0.49832	0.1975E-02	1.17093	0.1684E-02	49.1
305	204.0	618.8	5.2	0.49834	0.2021E-02	1.17101	0.1751E-02	49.1
305	204.5	618.8	5.0	0.49833	0.1988E-02	1.17094	0.1696E-02	49.1
305	205.0	618.8	5.0	0.49832	0.1975E-02	1.17089	0.1641E-02	49.0
305	205.5	618.8	5.0	0.49831	0.1955E-02	1.17100	0.1741E-02	49.1
305	206.0	618.8	5.3	0.49827	0.1577E-02	1.17093	0.1688E-02	48.9
305	206.5	618.7	5.1	0.49830	0.1936E-02	1.17090	0.1654E-02	49.1
305	207.0	618.9	5.2	0.49829	0.1923E-02	1.17092	0.1676E-02	49.1
305	207.5	618.6	5.1	0.49832	0.1966E-02	1.17095	0.1701E-02	49.1
305	208.0	619.1	5.2	0.49829	0.1923E-02	1.17095	0.1698E-02	48.8
305	218.0	627.9	5.3	0.49834	0.2027E-02	1.17095	0.1704E-02	48.6
305	228.0	642.2	4.9	0.49835	0.2040E-02	1.17102	0.1757E-02	48.9
305	238.0	659.2	5.0	0.49840	0.2131E-02	1.17112	0.1847E-02	48.7
305	248.0	676.7	5.2	0.49843	0.2197E-02	1.17103	0.1767E-02	48.8
305	258.5	700.4	5.2	0.49851	0.2153E-02	1.17117	0.1894E-02	49.2
305	268.5	721.7	5.3	0.49854	0.2425E-02	1.17126	0.1947E-02	49.3
305	276.0	743.8	5.3	0.49820	0.1740E-02	1.17136	0.2056E-02	49.6
305	289.5	764.0	5.0	0.49831	0.1962E-02	1.17141	0.2096E-02	49.5
305	299.5	783.9	5.4	0.49833	0.2001E-02	1.17150	0.2169E-02	49.7
305	309.5	804.4	5.3	0.49868	0.2694E-02	1.17195	0.2212E-02	49.3
305	319.5	823.2	5.6	0.49842	0.2171E-02	1.17192	0.2189E-02	49.6
305	329.5	843.0	5.1	0.49849	0.2314E-02	1.17166	0.2329E-02	49.7
305	339.5	862.2	5.6	0.49854	0.2412E-02	1.17166	0.2325E-02	49.4
305	349.5	881.6	5.3	0.49890	0.3142E-02	1.17176	0.2415E-02	49.3
305	359.5	900.6	5.7	0.49893	0.3200E-02	1.17144	0.2462E-02	49.4
305	369.5	919.9	5.3	0.49894	0.3220E-02	1.17160	0.2425E-02	49.3
305	379.5	938.1	5.2	0.49900	0.3337E-02	1.17200	0.2598E-02	49.4
305	389.5	954.9	5.3	0.49906	0.3468E-02	1.17203	0.2626E-02	49.5
305	399.5	972.9	5.6	0.49910	0.3552E-02	1.17205	0.2644E-02	49.6
305	409.5	990.4	5.7	0.49914	0.3631E-02	1.17218	0.2754E-02	49.3
305	419.5	1006.2	5.6	0.49919	0.3735E-02	1.17223	0.2800E-02	49.3
305	429.5	1021.6	5.4	0.49888	0.3109E-02	1.17223	0.2800E-02	49.3
305	439.5	1037.6	5.9	0.49895	0.3246E-02	1.17229	0.2844E-02	49.2
305	449.5	1053.5	5.8	0.49931	0.3970E-02	1.17244	0.2976E-02	49.3
305	459.5	1070.1	6.0	0.49932	0.3989E-02	1.17236	0.2903E-02	49.2
305	469.5	1085.0	6.0	0.49936	0.4074E-02	1.17247	0.3003E-02	49.2
305	479.5	1100.0	6.1	0.49941	0.4165E-02	1.17255	0.3073E-02	49.3
305	489.5	1114.5	6.1	0.49912	0.3585E-02	1.17258	0.3093E-02	49.5
305	499.5	1131.2	5.9	0.49949	0.4321E-02	1.17267	0.3173E-02	49.7
305	509.5	1146.8	6.3	0.49954	0.4432E-02	1.17280	0.3285E-02	49.8
305	519.5	1163.1	6.2	0.49956	0.4478E-02	1.17274	0.3236E-02	49.5
305	529.5	1179.5	6.3	0.49961	0.4576E-02	1.17277	0.3262E-02	49.7
305	539.5	1194.5	6.2	0.49964	0.4634E-02	1.17292	0.3385E-02	49.9
305	549.5	1211.4	6.1	0.49971	0.4771E-02	1.17286	0.3332E-02	49.7
305	559.5	1227.7	6.3	0.49978	0.4915E-02	1.17291	0.3382E-02	49.5
305	569.5	1244.6	6.5	0.49983	0.5019E-02	1.17306	0.3505E-02	49.5
305	579.5	1261.9	6.4	0.49988	0.5123E-02	1.17323	0.3654E-02	49.5
305	589.5	1277.7	6.5	0.49994	0.5230E-02	1.17314	0.3571E-02	49.5
305	599.5	1293.9	6.2	0.50001	0.5371E-02	1.17318	0.3611E-02	49.4
305	609.5	1311.7	6.3	0.50007	0.5495E-02	1.17330	0.3711E-02	49.3
305	619.5	1327.7	6.6	0.50016	0.5677E-02	1.17330	0.3714E-02	49.3
305	629.5	1343.3	6.4	0.50023	0.5814E-02	1.17343	0.3827E-02	49.6
305	639.5	1358.7	6.6	0.50091	0.5175E-02	1.17356	0.3430E-02	49.4
305	649.5	1376.0	6.6	0.50033	0.6010E-02	1.17348	0.3864E-02	49.4
305	659.5	1394.1	6.5	0.50037	0.6101E-02	1.17359	0.3957E-02	49.2
305	669.5	1409.9	6.5	0.50045	0.6247E-02	1.17357	0.3943E-02	49.3
305	679.5	1426.2	6.7	0.50047	0.6309E-02	1.17371	0.4086E-02	49.5
305	689.5	1443.1	7.0	0.50054	0.6440E-02	1.17375	0.4096E-02	49.5
305	699.5	1460.0	6.6	0.50059	0.6551E-02	1.17378	0.4123E-02	49.4
305	709.5	1476.1	7.0	0.50069	0.6733E-02	1.17393	0.4252E-02	49.5

305	719.5	1493.0	7.0	0.50077	0.4490E-02	1.17388	0.4206E-02	49.4
305	729.5	1510.1	6.9	0.50092	0.7196E-02	1.17398	0.4295E-02	49.3
305	739.5	1524.9	6.9	0.50096	0.7299E-02	1.17412	0.4415E-02	49.2
305	749.5	1541.6	7.2	0.50098	0.7333E-02	1.17413	0.4425E-02	49.4
305	759.5	1557.5	6.8	0.50107	0.7509E-02	1.17420	0.4481E-02	49.3
305	769.5	1573.0	7.3	0.50119	0.7743E-02	1.17432	0.4581E-02	49.5
305	779.5	1588.9	7.6	0.50132	0.8011E-02	1.17444	0.4734E-02	49.4
305	789.5	1603.8	7.5	0.50153	0.8436E-02	1.17476	0.4960E-02	49.3
305	799.5	1620.6	7.6	0.50171	0.8793E-02	1.17516	0.5322E-02	49.5
305	809.5	1637.1	7.7	0.50177	0.8909E-02	1.17576	0.5817E-02	49.2
305	819.5	1656.9	7.7	0.50243	0.1025E-01	1.17621	0.6202E-02	49.4
305	829.5	1678.0	7.9	0.50295	0.1130E-01	1.17700	0.6677E-02	49.2
305	839.5	1703.0	7.0	0.50312	0.1162E-01	1.17782	0.7581E-02	49.1
305	849.5	1732.3	7.7	0.50366	0.1276E-01	1.17842	0.8092E-02	49.2
305	859.5	1761.2	7.2	0.50434	0.1409E-01	1.17903	0.8614E-02	49.1
305	869.5	1784.0	7.2	0.50458	0.1457E-01	1.17936	0.8900E-02	49.1
305	879.5	1802.7	7.6	0.50481	0.1503E-01	1.17960	0.9099E-02	49.2
305	889.5	1820.7	7.4	0.50528	0.1596E-01	1.17981	0.9282E-02	48.7
305	899.5	1837.7	7.7	0.50562	0.1646E-01	1.18010	0.9528E-02	49.3
305	909.5	1853.9	7.8	0.50575	0.1692E-01	1.18005	0.9484E-02	49.0
305	919.5	1871.1	7.4	0.50659	0.1860E-01	1.18061	0.9946E-02	48.7
305	929.5	1887.2	7.5	0.50718	0.1980E-01	1.18105	0.1034E-01	49.1
305	939.5	1903.2	7.5	0.50800	0.2144E-01	1.18123	0.1049E-01	49.0
305	949.5	1920.0	7.6	0.50875	0.2296E-01	1.18180	0.1099E-01	49.0
305	959.5	1935.0	7.5	0.50967	0.2479E-01	1.18206	0.1121E-01	49.2
305	969.5	1953.2	8.3	0.51060	0.2667E-01	1.18255	0.1163E-01	48.8
305	979.5	1971.4	7.9	0.51115	0.2777E-01	1.18294	0.1198E-01	48.8
305	989.5	1989.4	8.2	0.51300	0.3150E-01	1.18346	0.1240E-01	49.2
305	999.5	2006.7	8.0	0.51406	0.3363E-01	1.18415	0.1300E-01	49.4
305	1009.5	2021.8	7.8	0.51582	0.3717E-01	1.18429	0.1312E-01	48.8
305	1019.5	2039.9	7.6	0.51751	0.4057E-01	1.18510	0.1381E-01	48.9
305	1029.5	2055.5	8.0	-9.99900	-0.9994E+04	1.18580	0.1440E-01	49.0
305	1039.5	2071.7	7.7	-9.99900	-0.9999E+04	1.18651	0.1502E-01	48.8
305	1049.5	2087.2	8.5	-9.99900	-0.9999E+04	1.18733	0.1571E-01	48.8
305	1059.5	2106.7	8.4	-9.99900	-0.9999E+04	1.18851	0.1672E-01	49.2
305	1069.5	2133.5	8.2	-9.99900	-0.9999E+04	1.18975	0.1778E-01	49.0
305	1079.5	2153.9	8.0	-9.99900	-0.9999E+04	1.19107	0.1892E-01	49.0
305	1089.5	2170.0	8.0	-9.99900	-0.9999E+04	1.19244	0.2008E-01	49.2
305	1090.5	2171.0	7.9	-9.99900	-0.9999E+04	1.19235	0.2001E-01	49.1
305	1091.5	2172.5	8.0	-9.99900	-0.9999E+04	1.19298	0.2055E-01	48.8
305	1092.5	2178.5	7.9	-9.99900	-0.9999E+04	1.19285	0.2044E-01	49.0
305	1093.5	2188.4	7.8	-9.99900	-0.9999E+04	1.19301	0.2058E-01	48.7
305	1094.5	2187.1	7.7	-9.99900	-0.9999E+04	1.19326	0.2079E-01	49.1
305	1095.5	2186.6	7.7	-9.99900	-0.9999E+04	1.19317	0.2071E-01	49.0
305	1096.5	2192.9	8.0	-9.99900	-0.9999E+04	1.19340	0.2091E-01	48.9
305	1097.5	2190.1	7.7	-9.99900	-0.9999E+04	1.19345	0.2095E-01	49.2
305	1098.5	2193.4	7.7	-9.99900	-0.9999E+04	1.19373	0.2116E-01	48.8
305	1099.5	2192.6	7.5	-9.99900	-0.9999E+04	1.19376	0.2123E-01	48.9
305	1100.5	2191.6	8.1	-9.99900	-0.9999E+04	1.19396	0.2140E-01	49.1
305	1101.5	2192.6	8.2	-9.99900	-0.9999E+04	1.19406	0.2147E-01	48.7
305	1102.5	2199.5	8.1	-9.99900	-0.9999E+04	1.19464	0.2197E-01	48.9
305	1103.5	2196.6	7.9	-9.99900	-0.9999E+04	1.19453	0.2188E-01	49.1
305	1104.5	2197.1	7.9	-9.99900	-0.9999E+04	1.19479	0.2204E-01	49.1
305	1105.5	2200.7	8.0	-9.99900	-0.9999E+04	1.19469	0.2218E-01	48.9
305	1106.5	0.0	7.9	-9.99900	-0.9999E+04	1.19486	0.2216E-01	48.8
305	1107.5	0.0	7.9	-9.99900	-0.9999E+04	1.19513	0.2239E-01	49.0
305	1108.5	0.0	7.5	-9.99900	-0.9999E+04	1.19514	0.2244E-01	48.8
305	1109.5	0.0	7.9	-9.99900	-0.9999E+04	1.19572	0.2284E-01	49.0
305	1110.5	0.0	8.1	-9.99900	-0.9999E+04	1.19599	0.2312E-01	49.1
305	1111.5	0.0	7.7	-9.99900	-0.9999E+04	1.19619	0.2329E-01	48.9

305	1112.5	0.0	8.5-9.99900	- .9999E+04	1.19632	0.2340E-01	45.9
305	1113.5	0.0	7.9-9.99900	- .9999E+04	1.19655	0.2350E-01	45.9
305	1114.5	0.0	8.2-9.99900	- .9999E+04	1.19679	0.2380E-01	49.1
305	1115.5	0.0	8.1-9.99900	- .9999E+04	1.19704	0.2402E-01	49.0
305	1116.5	0.0	8.2-9.99900	- .9999E+04	1.19735	0.2428E-01	49.0
305	1117.5	0.0	8.0-9.99900	- .9999E+04	1.19755	0.2446E-01	48.4
305	1118.5	0.0	6.4-9.99900	- .9999E+04	1.19790	0.2476E-01	46.1
305	1119.5	2142.7	5.0-9.99900	- .9999E+04	1.19765	0.2454E-01	43.5
305	1120.5	2068.2	5.0-9.99900	- .9999E+04	1.19789	0.2406E-01	42.1
305	1121.5	1997.8	4.9-9.99900	- .9999E+04	1.19880	0.2382E-01	41.6
305	1122.5	1439.8	5.4-9.99900	- .9999E+04	1.19857	0.2362E-01	41.9
305	1123.5	1572.5	5.1-9.99900	- .9999E+04	1.19838	0.2346E-01	41.6
305	1124.5	1817.5	4.7-9.99900	- .9999E+04	1.19565	0.2283E-01	41.7
305	1125.5	1788.6	4.8-9.99900	- .9999E+04	1.19541	0.2262E-01	44.6
305	1126.5	1731.5	4.8-9.99900	- .9999E+04	1.19553	0.2273E-01	48.0
305	1127.5	1700.6	4.9-9.99900	- .9999E+04	1.19543	0.2264E-01	44.6
305	1128.5	1672.7	4.5-9.99900	- .9999E+04	1.19559	0.2278E-01	50.8

I : Biaxial Ramp Test Strain Data Zry-2
(In 20% O₂ - 80% Ar 1 atm)

I.1 : Biaxial Ramp Pressure Strain Data Zry-2
(In 20% O₂ - 80% Ar 1 atm)

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333	124.5	1611.5	3.1	0.50046	0.7682E-02	1.16643	0.6073E-02	13.6
333	125.0	1612.2	2.9	0.50050	0.7767E-02	1.16656	0.6203E-02	13.6
333	125.5	1612.5	2.5	0.50051	0.7767E-02	1.16662	0.6237E-02	13.6
333	126.0	1612.8	2.2	0.50044	0.7637E-02	1.16674	0.6344E-02	13.6
333	126.5	1614.3	2.2	0.50055	0.7652E-02	1.16679	0.6367E-02	14.0
333	127.0	1615.3	2.7	0.50055	0.7659E-02	1.16688	0.6466E-02	13.9
333	127.5	1615.3	2.8	0.50049	0.7735E-02	1.16695	0.6521E-02	14.0
333	128.0	1614.6	2.6	0.50055	0.7665E-02	1.16703	0.6592E-02	13.4
333	128.5	1614.6	2.4	0.50052	0.7606E-02	1.16712	0.6672E-02	13.7
333	129.0	1616.4	2.8	0.50054	0.7619E-02	1.16720	0.6742E-02	13.8
333	129.5	1616.2	2.2	0.50067	0.8100E-02	1.16722	0.6756E-02	13.9
333	130.0	1616.2	2.6	0.50036	0.7449E-02	1.16747	0.6470E-02	13.7
333	140.0	1620.9	3.2	0.50047	0.7702E-02	1.16867	0.8005E-02	13.5
333	141.0	1621.6	3.2	0.50077	0.8302E-02	1.16892	0.8226E-02	14.9
333	142.0	1622.6	3.3	0.50055	0.7665E-02	1.16903	0.8323E-02	16.1
333	143.0	1625.0	3.1	0.50095	0.8674E-02	1.16911	0.8397E-02	19.1
333	144.0	1625.7	2.2	0.50096	0.8685E-02	1.16937	0.8612E-02	23.4
333	145.0	1624.4	3.2	0.50097	0.8714E-02	1.16931	0.8561E-02	29.1
333	146.0	1626.0	3.2	0.50113	0.9033E-02	1.16949	0.8715E-02	36.8
333	147.0	1628.7	2.7	0.50124	0.9249E-02	1.16962	0.8829E-02	45.1
333	148.0	1629.7	3.1	0.50145	0.9667E-02	1.16981	0.8993E-02	53.4
333	149.0	1629.4	2.7	0.50161	0.9999E-02	1.16985	0.9023E-02	61.9
333	150.0	1630.2	3.3	0.50174	0.1036E-01	1.17006	0.9204E-02	70.5
333	151.0	1631.1	2.9	0.50187	0.1052E-01	1.17019	0.9318E-02	78.4
333	152.0	1630.5	2.4	0.50204	0.1086E-01	1.17040	0.9503E-02	86.7
333	153.0	1631.2	2.7	0.50222	0.1123E-01	1.17053	0.9610E-02	95.5
333	154.0	1631.5	2.7	0.50216	0.1111E-01	1.17064	0.9707E-02	104.5
333	155.0	1633.6	2.7	0.50268	0.1215E-01	1.17071	0.9770E-02	114.0
333	156.0	1635.4	3.0	0.50177	0.1032E-01	1.17085	0.9491E-02	122.8
333	157.0	1634.6	2.9	0.50312	0.1304E-01	1.17099	0.1001E-01	130.9
333	158.0	1636.7	2.7	0.50327	0.1334E-01	1.17118	0.1016E-01	139.5
333	159.0	1639.9	3.0	0.50329	0.1337E-01	1.17122	0.1021E-01	148.1
333	160.0	1637.0	3.2	0.50386	0.1453E-01	1.17145	0.1041E-01	156.9
333	161.0	1640.1	2.9	0.50415	0.1511E-01	1.17153	0.1048E-01	165.9
333	162.0	1640.2	3.0	0.50419	0.1519E-01	1.17164	0.1057E-01	175.0
333	163.0	1638.9	3.0	0.50484	0.1650E-01	1.17179	0.1070E-01	184.6
333	164.0	1640.7	3.1	0.50496	0.1679E-01	1.17196	0.1085E-01	193.7
333	165.0	1642.3	3.4	0.50571	0.1624E-01	1.17215	0.1101E-01	203.3
333	166.0	1641.9	3.2	0.50611	0.1905E-01	1.17216	0.1102E-01	212.8
333	167.0	1643.8	2.9	0.50669	0.2022E-01	1.17237	0.1120E-01	222.3
333	168.0	1645.7	3.4	0.50738	0.2162E-01	1.17247	0.1126E-01	232.0
333	169.0	1646.1	3.2	0.50744	0.2264E-01	1.17255	0.1135E-01	242.1
333	170.0	1647.4	3.4	0.50861	0.2406E-01	1.17271	0.1150E-01	251.9
333	171.0	1647.2	3.3	0.50922	0.2532E-01	1.17278	0.1156E-01	262.1
333	172.0	1647.9	3.4	0.51002	0.2643E-01	1.17296	0.1171E-01	272.4
333	173.0	1649.9	3.3	0.51087	0.2845E-01	1.17301	0.1175E-01	283.2
333	174.0	1649.4	3.3	0.51160	0.3011E-01	1.17312	0.1185E-01	293.9
333	175.0	1649.3	3.0	0.51240	0.3172E-01	1.17328	0.1199E-01	304.4
333	176.0	1651.7	2.8	0.51363	0.3420E-01	1.17352	0.1214E-01	314.5
333	177.0	1652.3	3.1	0.51477	0.3650E-01	1.17361	0.1227E-01	325.0
333	178.0	1652.3	3.1	0.51563	0.3622E-01	1.17375	0.1234E-01	335.6
333	179.0	1651.4	2.9	0.51663	0.4024E-01	1.17387	0.1249E-01	345.8
333	180.0	1650.1	2.8	0.51662	0.4022E-01	1.17398	0.1259E-01	356.1
333	181.0	1649.5	3.0	0.51764	0.4226E-01	1.17418	0.1276E-01	366.9
333	182.0	1646.5	2.8	0.99900	-0.9999E+04	1.17429	0.1286E-01	377.5
333	183.0	1649.0	3.1	0.99900	-0.9999E+04	1.17440	0.1295E-01	388.8
333	184.0	1649.2	2.9	0.99900	-0.9999E+04	1.17459	0.1307E-01	400.0
333	185.0	1650.7	2.8	0.99900	-0.9999E+04	1.17479	0.1326E-01	411.1
333	186.0	1650.9	3.2	0.99900	-0.9999E+04	1.17499	0.1346E-01	422.2
333	187.0	1654.4	2.6	0.99900	-0.9999E+04	1.17514	0.1354E-01	432.5

333	188.0	1653.2	2.9-9.99900	-.9999E+04	1.17531	0.1373E-01	443.1
333	189.0	1654.2	3.1-9.99900	-.9999E+04	1.17537	0.1379E-01	453.0
333	190.5	1526.0	4.2-9.99900	-.9999E+04	1.22347	0.5527E-01	438.5
333	191.0	1495.8	5.5-9.99900	-.9999E+04-9.99900	-.9999E+04		439.9
333	192.0	1549.5	6.1-9.99900	-.9999E+04-9.99900	-.9999E+04		460.5

334	146.0	578.2	-1.5	0.49809	0.1800E-02	1.16032	0.1634E-02	14.6
334	146.5	579.2	2.0	0.49814	0.1904E-02	1.16029	0.1616E-02	14.7
334	147.0	653.5	18.2	0.48540	-0.2372E-01	1.16127	0.2460E-02	12.1
334	147.5	879.4	18.3	0.47070	-0.5324E-01	1.16931	0.9400E-02	11.4
334	148.0	1161.8	17.4	0.45790	-0.7493E-01	1.16323	0.4150E-02	11.9
334	148.5	1446.6	13.2	0.48659	-0.2133E-01	-9.99900	-0.9999E+04	12.5
334	149.0	1608.4	5.0	0.50027	0.6181E-02	1.16409	0.4894E-02	14.2
334	149.5	1639.5	2.0	0.50033	0.6305E-02	1.16447	0.5220E-02	14.4
334	150.0	1647.8	1.2	0.50039	0.6422E-02	1.16472	0.5441E-02	14.5
334	150.5	1650.8	1.1	0.50050	0.6644E-02	1.16475	0.5464E-02	14.8
334	151.0	1652.3	0.7	0.50053	0.6696E-02	1.16446	0.5558E-02	14.6
334	151.5	1653.4	1.0	0.49972	0.5066E-02	1.16512	0.5763E-02	14.6
334	161.5	1624.7	1.2	0.50100	0.7424E-02	1.16567	0.6255E-02	15.0
334	162.5	1624.0	1.8	0.50114	0.7424E-02	1.16571	0.6296E-02	16.7
334	163.5	1623.2	1.3	0.50116	0.7480E-02	1.16578	0.6352E-02	19.0
334	164.5	1621.7	1.2	0.50128	0.8202E-02	1.16590	0.6453E-02	24.4
334	165.5	1623.0	1.8	0.50127	0.8183E-02	1.16588	0.6440E-02	30.1
334	166.5	1623.7	1.6	0.50132	0.8293E-02	1.16600	0.6540E-02	36.5
334	167.5	1621.2	0.9	0.50148	0.8613E-02	1.16611	0.6634E-02	44.2
334	168.5	1622.5	1.3	0.50161	0.8867E-02	1.16619	0.6704E-02	52.1
334	169.5	1622.5	0.9	0.50173	0.9121E-02	1.16624	0.6745E-02	60.5
334	170.5	1620.5	1.3	0.50188	0.9428E-02	1.16627	0.6776E-02	69.0
334	171.5	1620.4	1.8	0.50194	0.9532E-02	1.16643	0.6809E-02	77.3
334	172.5	1621.1	1.5	0.50216	0.9982E-02	1.16644	0.6922E-02	84.6
334	173.5	1620.1	1.5	0.50231	0.1020E-01	1.16650	0.6973E-02	93.3
334	174.5	1619.3	1.6	0.50244	0.1055E-01	1.16661	0.7070E-02	101.2
334	175.5	1619.9	1.5	0.50263	0.1093E-01	1.16683	0.7258E-02	109.6
334	176.5	1622.1	1.3	0.50289	0.1145E-01	1.16693	0.7258E-02	118.0
334	177.5	1622.2	1.8	0.50310	0.1187E-01	1.16690	0.7318E-02	125.8
334	178.5	1620.6	1.5	0.50330	0.1228E-01	1.16698	0.7388E-02	135.6
334	179.5	1620.9	1.6	0.50350	0.1268E-01	1.16715	0.7532E-02	145.3
334	180.5	1621.0	1.6	0.50380	0.1328E-01	1.16734	0.7700E-02	154.8
334	181.5	1620.4	1.7	0.50393	0.1355E-01	1.16742	0.7764E-02	164.4
334	182.5	1621.8	1.7	0.50436	0.1442E-01	1.16745	0.7794E-02	175.0
334	183.5	1620.4	1.5	0.50466	0.1500E-01	1.16752	0.7858E-02	184.8
334	184.5	1619.5	1.8	0.50492	0.1553E-01	1.16762	0.7938E-02	194.0
334	185.5	1619.8	1.3	0.50530	0.1629E-01	1.16766	0.7972E-02	202.5
334	186.5	1618.6	1.5	0.50554	0.1677E-01	1.16775	0.8055E-02	212.1
334	187.5	1618.2	1.5	0.50598	0.1766E-01	1.16780	0.8099E-02	222.2
334	188.5	1618.8	1.6	0.50642	0.1854E-01	1.16786	0.8146E-02	232.0
334	189.5	1618.3	1.4	0.50684	0.1934E-01	1.16789	0.8169E-02	241.6
334	190.5	1619.1	1.3	0.50733	0.2039E-01	1.16802	0.8287E-02	250.5
334	191.5	1618.9	1.8	0.50782	0.2136E-01	1.16804	0.8300E-02	260.0
334	192.5	1618.6	1.8	0.50848	0.2269E-01	1.16806	0.8320E-02	269.2
334	193.5	1618.2	1.4	0.50917	0.2408E-01	1.16808	0.8320E-02	278.6
334	194.5	1618.5	1.4	0.50979	0.2533E-01	1.16819	0.8434E-02	288.4
334	195.5	1617.5	1.4	0.51055	0.2666E-01	1.16827	0.8501E-02	298.1
334	196.5	1616.8	1.7	0.51135	0.2847E-01	1.16819	0.8434E-02	308.2
334	197.5	1618.7	1.5	0.51219	0.3016E-01	1.16832	0.8548E-02	319.0
334	198.5	1617.6	1.5	0.51314	0.3206E-01	1.16840	0.8615E-02	329.5
334	199.5	1617.3	1.3	0.51407	0.3394E-01	1.16851	0.8706E-02	339.4
334	200.5	1617.5	1.8	0.51514	0.3609E-01	1.16851	0.8706E-02	349.8
334	201.5	1618.0	1.6	0.51629	0.3840E-01	1.16876	0.8920E-02	360.2
334	202.5	1618.0	1.4	0.51670	0.3922E-01	1.16872	0.8890E-02	371.3
334	203.5	1617.1	1.5	-9.99900	-0.9999E+04	1.16879	0.8954E-02	381.6
334	204.5	1616.5	1.2	-9.99900	-0.9999E+04	1.16893	0.9071E-02	391.3
334	205.5	1617.6	1.7	-9.99900	-0.9999E+04	1.16893	0.9068E-02	402.0
334	206.5	1618.0	1.7	-9.99900	-0.9999E+04	1.16905	0.9175E-02	412.3
334	207.5	1619.5	1.8	-9.99900	-0.9999E+04	1.16922	0.9317E-02	423.0
334	208.5	1619.5	1.3	-9.99900	-0.9999E+04	1.16923	0.9333E-02	433.6

334	209.5	1619.3	1.2-9.99900	-.9999E+04	1.16935	0.9437E-02	444.2
334	210.5	1618.0	1.4-9.99900	-.9999E+04	1.16947	0.9537E-02	454.5
334	211.5	1620.7	1.6-9.99900	-.9999E+04	1.16969	0.9724E-02	465.4
334	212.5	1620.6	1.8-9.99900	-.9999E+04	1.16979	0.9815E-02	475.9
334	213.5	1621.6	1.8-9.99900	-.9999E+04	1.17003	0.1002E-01	486.7
334	214.5	1622.9	1.4-9.99900	-.9999E+04	1.17020	0.1017E-01	496.7
334	215.5	1622.1	1.3-9.99900	-.9999E+04	1.17030	0.1025E-01	507.0
334	216.5	1624.2	1.7-9.99900	-.9999E+04	1.17051	0.1044E-01	517.6
334	217.5	1626.8	1.3-9.99900	-.9999E+04	1.17053	0.1071E-01	527.7
334	218.5	1554.0	1.4-9.99900	-.9999E+04	1.17043	0.1071E-01	501.2

335	174.5	566.7	-1.3	0.49805	0.3413E-02	1.16352	0.1557E-02	13.1
335	175.0	567.6	-0.2	0.49806	0.3433E-02	1.16387	0.1607E-02	13.2
335	175.5	602.4	12.4	0.49826	0.3834E-02	-9.99900	-9.9999E+04	11.7
335	176.0	767.7	18.9	0.48361	-0.2567E-01	1.16290	0.7713E-03	10.7
335	176.5	1006.4	18.0	0.47647	-0.4906E-01	-9.99900	-9.9999E+04	10.5
335	177.0	1242.9	17.9	0.47452	-0.4378E-01	1.16509	0.2657E-02	10.5
335	177.5	1509.6	13.3	0.50031	0.7466E-02	1.16603	0.3459E-02	11.2
335	178.0	1617.2	6.5	0.50039	0.8126E-02	1.16906	0.6086E-02	12.5
335	178.5	1647.7	3.2	0.50056	0.8441E-02	1.16970	0.6623E-02	13.3
335	179.0	1669.5	2.7	0.50071	0.8776E-02	1.17017	0.7028E-02	13.2
335	179.5	1690.0	2.7	0.50073	0.8811E-02	1.17033	0.7165E-02	13.2
335	180.0	1709.3	2.1	0.50085	0.9062E-02	1.17046	0.7295E-02	13.4
335	190.0	1750.9	2.3	0.50168	0.1073E-01	1.17144	0.8121E-02	13.0
335	200.0	1760.1	2.5	0.50226	0.1195E-01	1.17235	0.8906E-02	59.2
335	201.0	1760.4	2.5	0.50250	0.1239E-01	1.17241	0.8956E-02	67.7
335	202.0	1762.6	2.9	0.50199	0.1136E-01	1.17257	0.9093E-02	77.4
335	203.0	1762.7	2.8	0.50302	0.1343E-01	1.17273	0.9227E-02	86.2
335	204.0	1763.2	2.4	0.50340	0.1421E-01	1.17276	0.9250E-02	90.3
335	205.0	1765.1	2.7	0.50260	0.1260E-01	1.17291	0.9381E-02	102.5
335	206.0	1764.1	2.9	0.50292	0.1323E-01	1.17300	0.9461E-02	111.0
335	207.0	1767.0	2.7	0.50423	0.1586E-01	1.17316	0.9544E-02	119.2
335	208.0	1767.1	2.6	0.50339	0.1418E-01	1.17309	0.9541E-02	127.3
335	209.0	1767.7	2.4	0.50368	0.1476E-01	1.17317	0.9606E-02	135.5
335	210.0	1767.8	2.9	0.50535	0.1813E-01	1.17313	0.9571E-02	143.3
335	211.0	1769.2	2.7	0.50588	0.1920E-01	1.17310	0.9544E-02	152.2
335	212.0	1771.3	2.8	0.50563	0.2070E-01	1.17296	0.9427E-02	160.9
335	213.0	1771.7	2.6	0.50774	0.2293E-01	1.17265	0.9164E-02	170.3
335	214.0	1774.9	2.7	0.51030	0.2809E-01	1.17241	0.8953E-02	179.7
335	215.0	1778.4	2.7	0.51694	0.3967E-01	1.17251	0.9036E-02	189.7
335	216.0	1780.9	2.5	-9.99900	-9.9999E+04	1.17236	0.9341E-02	199.4
335	217.0	1785.0	2.5	-9.99900	-9.9999E+04	1.17388	0.1022E-01	208.8
335	218.0	1795.2	2.5	-9.99900	-9.9999E+04	1.17563	0.1172E-01	217.7

336	53.0	174.3	-1.3 0.49764	-.7168E-04	1.16135	-.3668E-04	17.2
336	53.5	174.8	-1.3 0.49775	0.1035E-04	1.16135	-.3679E-04	17.2
336	54.0	174.2	-1.3 0.49765	-.4568E-04	1.16143	0.3363E-05	17.4
336	54.5	174.0	-1.2 0.49769	0.2500E-04	1.16141	-.1335E-04	17.3
336	55.0	174.3	-1.3 0.49769	0.4035E-04	1.16140	-.2670E-04	17.6
336	55.5	173.8	-1.2 0.49765	-.5212E-04	1.16140	-.2670E-04	17.3
336	56.0	174.3	-1.2 0.49767	-.1300E-04	1.16141	-.1661E-04	17.1
336	56.5	174.0	-1.5 0.49767	-.1300E-04	1.16140	-.2907E-04	17.2
336	57.0	174.6	-1.2 0.49766	-.2600E-04	1.16138	-.4015E-04	17.4
336	57.5	174.2	-1.1 0.49763	-.7818E-04	1.16139	-.3342E-04	16.9
336	58.0	177.0	0.4 0.49769	0.3900E-04	1.16144	0.1009E-04	17.3
336	58.5	198.5	4.6 0.49504	-.5283E-02	1.15722	-.3624E-02	16.9
336	68.5	533.4	-0.2 0.49836	0.1374E-02	1.16271	0.1103E-02	17.0
336	78.5	579.0	-1.1 0.49842	0.1448E-02	1.16296	0.1317E-02	17.0
336	88.5	595.4	-1.0 0.49844	0.1531E-02	1.16362	0.1374E-02	17.1
336	98.5	602.6	-1.0 0.49847	0.1604E-02	1.16296	0.1307E-02	17.1
336	108.5	413.8	17.7 0.46167	-.7235E-01	1.16460	0.2735E-02	14.9
336	118.5	2013.9	3.6-9.99900	-.9999E+04	1.17025	0.7592E-02	17.1
336	128.5	1993.9	4.2-9.99900	-.9999E+04	1.17038	0.7709E-02	29.3
336	129.5	1995.2	4.2-9.99900	-.9999E+04	1.17041	0.7732E-02	35.5
336	130.5	1996.0	3.6-9.99900	-.9999E+04	1.17046	0.7777E-02	40.2
336	131.5	1994.9	3.7-9.99900	-.9999E+04	1.17054	0.7842E-02	43.7
336	132.5	1996.5	3.6-9.99900	-.9999E+04	1.17045	0.7771E-02	46.7
336	133.5	1994.7	4.1-9.99900	-.9999E+04	1.17052	0.7833E-02	46.9
336	134.5	1996.3	4.3-9.99900	-.9999E+04	1.17056	0.7863E-02	52.6
336	135.5	1996.8	3.9-9.99900	-.9999E+04	1.16731	0.5068E-02	55.7
336	136.5	1996.9	4.0-9.99900	-.9999E+04	1.17065	0.7943E-02	59.3
336	137.5	1998.4	3.9-9.99900	-.9999E+04	1.16691	0.4721E-02	62.9
336	138.5	1998.3	4.0-9.99900	-.9999E+04	1.16814	0.5761E-02	66.1
336	139.5	1999.3	4.4-9.99900	-.9999E+04	1.16955	0.6990E-02	69.5
336	140.5	1999.2	3.8-9.99900	-.9999E+04	1.17003	0.7409E-02	73.0
336	141.5	2000.4	4.4-9.99900	-.9999E+04	1.17080	0.8073E-02	77.5
336	142.5	1999.7	4.2-9.99900	-.9999E+04	1.17076	0.8035E-02	82.2
336	143.5	1998.3	3.7-9.99900	-.9999E+04	1.17081	0.8079E-02	86.4
336	144.5	1997.2	4.1-9.99900	-.9999E+04	1.17241	0.9457E-02	90.6
336	145.5	1996.3	3.6-9.99900	-.9999E+04	1.17084	0.8105E-02	94.2
336	146.5	1998.2	4.0-9.99900	-.9999E+04	1.17139	0.8581E-02	96.5
336	147.5	1997.2	4.3-9.99900	-.9999E+04	1.17086	0.8125E-02	102.4
336	148.5	1997.6	3.6-9.99900	-.9999E+04	1.17095	0.8197E-02	106.7
336	149.5	2002.6	4.5-9.99900	-.9999E+04	1.17092	0.8177E-02	110.3
336	150.5	2001.7	4.3-9.99900	-.9999E+04	1.17345	0.1035E-01	114.5
336	151.5	2000.3	4.1-9.99900	-.9999E+04	1.17091	0.8162E-02	118.4
336	152.5	2001.0	4.3-9.99900	-.9999E+04	1.16776	0.5450E-02	122.9
336	153.5	2000.1	4.1-9.99900	-.9999E+04	1.17090	0.8156E-02	127.2
336	154.5	1999.9	4.4-9.99900	-.9999E+04	1.16515	0.4064E-02	131.0
336	155.5	2000.5	4.1-9.99900	-.9999E+04	1.17477	0.1149E-01	136.5
336	156.5	2002.3	3.9-9.99900	-.9999E+04	1.17091	0.8167E-02	140.0
336	157.5	2003.2	4.5-9.99900	-.9999E+04	1.17092	0.8173E-02	143.9
336	158.5	2003.0	4.1-9.99900	-.9999E+04	1.17083	0.8097E-02	145.1
336	159.5	2002.0	4.3-9.99900	-.9999E+04	1.17047	0.7786E-02	152.1
336	160.5	2002.3	3.8-9.99900	-.9999E+04	1.17066	0.7951E-02	156.0
336	161.5	2002.5	4.2-9.99900	-.9999E+04	1.17069	0.7979E-02	160.3
336	162.5	2004.8	4.1-9.99900	-.9999E+04	1.16562	0.3783E-02	165.0
336	163.5	2005.4	4.2-9.99900	-.9999E+04	1.17135	0.6524E-02	170.1
336	164.5	2010.2	3.9-9.99900	-.9999E+04	1.17492	0.1162E-01	174.5
336	165.5	2015.4	3.4-9.99900	-.9999E+04	1.17333	0.1024E-01	179.4
336	166.5	2011.7	4.4-9.99900	-.9999E+04	1.17314	0.1008E-01	185.3
336	167.5	1961.2	4.6-9.99900	-.9999E+04	1.17262	0.9638E-02	190.4
336	168.5	1956.2	5.0-9.99900	-.9999E+04	4.99900	-.9999E+04	192.6
336	169.5	1958.3	5.1-9.99900	-.9999E+04	4.99900	-.9999E+04	193.6

336	170.5	1971.4	4.9 0.44420	-.9730E-01-9.99900	-.9999E+04	162.0
336	171.5	2096.5	3.3-9.99900	-.9999E+04 1.17422	0.1101E-01	179.5
336	172.5	2042.5	1.3-9.99900	-.9999E+04 1.17257	0.9676E-02	178.2

337	139.5	971.2	20.2	0.50202	-0.1009E-01	1.17037	0.2330E-02	8.3
337	140.0	1234.5	18.7	0.50024	0.5047E-02	1.17229	-0.1145E-02	8.6
337	140.5	1516.0	18.4	0.50044	0.6247E-02	-0.99900	-0.9999E+04	8.2
337	141.0	1650.4	11.7	0.50070	0.6759E-02	1.18048	0.5837E-02	8.8
337	141.5	1736.3	4.3	0.50118	0.7724E-02	1.18130	0.6585E-02	10.1
337	142.0	1820.4	3.8	0.50151	0.8382E-02	1.18183	0.6984E-02	10.2
337	142.5	1877.0	2.6	0.50161	0.8544E-02	1.18217	0.7274E-02	10.2
337	143.0	1911.4	1.6	0.50169	0.8700E-02	1.18226	0.7352E-02	10.2
337	143.5	1920.1	0.7	0.50171	0.8793E-02	1.18220	0.7299E-02	10.5
337	144.0	1911.6	0.4	0.50163	0.8636E-02	1.18209	0.7213E-02	10.2
337	144.5	1893.2	0.6	0.50159	0.8558E-02	1.18180	0.7017E-02	10.3
337	145.0	1871.3	1.1	0.50153	0.8434E-02	1.18168	0.6659E-02	10.3
337	155.0	1797.5	2.9	0.50165	0.8675E-02	1.18124	0.6515E-02	10.3
337	156.0	1797.3	2.7	0.50163	0.8603E-02	1.18122	0.6469E-02	11.1
337	157.0	1796.3	2.9	0.50170	0.8773E-02	1.18130	0.6535E-02	12.4
337	158.0	1795.3	2.7	0.50168	0.8741E-02	1.18130	0.6535E-02	16.4
337	159.0	1796.2	3.0	0.50177	0.8923E-02	1.18131	0.6546E-02	22.4
337	160.0	1797.4	3.0	0.50178	0.8943E-02	1.18120	0.6449E-02	30.6
337	161.0	1800.1	3.5	0.50192	0.9223E-02	1.18125	0.6495E-02	36.6
337	162.0	1800.2	3.1	0.50201	0.9406E-02	1.18137	-0.2152E-01	40.0
337	163.0	1799.3	2.7	0.50211	0.9595E-02	1.18138	0.6608E-02	53.3
337	164.0	1797.9	3.0	0.50226	0.9901E-02	1.18155	0.6753E-02	61.1
337	165.0	1799.2	2.7	0.50245	0.1028E-01	1.18176	0.6949E-02	69.4
337	166.0	1798.7	2.6	0.50261	0.1060E-01	1.18185	0.7008E-02	78.8
337	167.0	1797.6	2.7	0.50275	0.1089E-01	1.18192	0.7065E-02	88.1
337	168.0	1798.7	2.8	0.50294	0.1127E-01	1.18214	0.7250E-02	96.3
337	169.0	1801.0	3.0	0.50312	0.1163E-01	1.18221	0.7313E-02	104.6
337	170.0	1800.7	2.5	0.50331	0.1201E-01	1.18227	0.7359E-02	113.6
337	171.0	1799.4	3.1	0.50354	0.1248E-01	1.18239	0.7461E-02	122.1
337	172.0	1798.6	2.7	0.50373	0.1285E-01	1.18252	0.7574E-02	130.0
337	173.0	1795.9	2.5	0.50399	0.1338E-01	1.18269	0.7723E-02	139.7
337	174.0	1797.6	3.0	0.50415	0.1371E-01	1.18266	0.7693E-02	149.1
337	175.0	1796.9	3.0	0.50449	0.1439E-01	1.18290	0.7615E-02	158.6
337	176.0	1798.1	2.9	0.50535	0.1611E-01	1.18314	0.8103E-02	168.8
337	177.0	1799.0	2.3	0.50771	0.2085E-01	1.18349	0.8401E-02	178.7
337	178.0	1799.7	2.8	0.51294	0.3144E-01	1.18415	0.8964E-02	188.5
337	179.0	1801.8	2.7	-9.99900	-0.9999E+04	1.18502	0.9708E-02	198.0
337	180.0	1804.5	2.3	-9.99900	-0.9999E+04	1.18634	0.1083E+01	207.4
337	181.0	1813.5	2.9	-9.99900	-0.9999E+04	1.18682	0.1294E-01	217.2
337	182.0	1785.9	2.2	-9.99900	-0.9999E+04	1.19355	0.1697E-01	206.7
337	183.0	1611.2	4.5	-9.99900	-0.9999E+04	1.19463	0.1789E-01	244.8
337	184.0	1665.7	2.1	-9.99900	-0.9999E+04	1.19656	0.1954E-01	254.1
337	173.0	1795.9	2.5	0.50399	0.1338E-01	1.18264	0.7723E-02	139.7
337	174.0	1797.6	3.0	0.50415	0.1371E-01	1.18266	0.7693E-02	149.1

I.2 : Biaxial Ramp Temperature Strain Data Zry-2
(In 20% - 80% Ar 1 atm)

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323	185.5						
323	180.5	002.7	0.5	0.49822	0.2099E-02	1.17142	0.1644E-02 99.0
323	181.0	003.1	0.4	0.49820	0.2044E-02	1.17149	0.1703E-02 98.8
323	181.5	004.0	0.6	0.49822	0.2080E-02	1.17144	0.1684E-02 98.8
323	182.0	005.2	0.7	0.49818	0.2002E-02	1.17142	0.1650E-02 99.0
323	182.5	005.6	0.7	0.49817	0.1945E-02	1.17146	0.1664E-02 98.6
323	183.0	006.5	0.4	0.49819	0.2021E-02	1.17142	0.1647E-02 98.8
323	183.5	006.7	0.5	0.49823	0.2119E-02	1.17139	0.1620E-02 98.7
323	184.0	007.9	0.3	0.49820	0.2047E-02	1.17152	0.1733E-02 98.8
323	184.5	009.1	0.5	0.49821	0.2067E-02	1.17143	0.1654E-02 98.6
323	185.0	009.5	0.5	0.49824	0.2139E-02	1.17148	0.1700E-02 98.9
323	185.5	010.4	0.6	0.49823	0.2119E-02	1.17140	0.1631E-02 98.6
323	186.0	012.0	0.4	0.49825	0.2146E-02	1.17147	0.1690E-02 98.7
323	196.0	027.6	0.6	0.49832	0.2295E-02	1.17140	0.1634E-02 98.7
323	206.0	045.9	0.7	0.49831	0.2262E-02	1.17160	0.1600E-02 101.2
323	216.0	068.9	0.7	0.49840	0.2452E-02	1.17161	0.1613E-02 101.0
323	226.0	089.0	0.5	0.49838	0.2419E-02	1.17176	0.1942E-02 100.4
323	236.0	708.0	0.3	0.49845	0.2549E-02	1.17169	0.2052E-02 100.0
323	246.0	731.0	0.7	0.49851	0.2673E-02	1.17189	0.2052E-02 100.1
323	256.0	750.8	0.5	0.49854	0.2738E-02	1.17201	0.2155E-02 99.7
323	266.0	770.9	0.4	0.49854	0.2738E-02	1.17207	0.2202E-02 99.7
323	276.0	791.3	0.8	0.49860	0.2856E-02	1.17212	0.2246E-02 99.1
323	286.0	810.1	0.4	0.49867	0.2999E-02	1.17221	0.2321E-02 99.4
323	296.0	829.1	0.5	0.49862	0.2895E-02	1.17222	0.2320E-02 99.0
323	306.0	848.8	0.6	0.49869	0.3045E-02	1.17231	0.2407E-02 99.3
323	316.0	867.5	0.9	0.49877	0.3168E-02	1.17237	0.2457E-02 99.0
323	326.0	885.9	0.9	0.49881	0.3273E-02	1.17246	0.2537E-02 99.3
323	336.0	904.2	0.8	0.49891	0.3469E-02	1.17251	0.2580E-02 99.2
323	346.0	922.6	0.6	0.49892	0.3495E-02	1.17263	0.2683E-02 98.8
323	356.0	940.2	0.8	0.49892	0.3508E-02	1.17266	0.2706E-02 99.0
323	366.0	955.0	1.0	0.49903	0.3723E-02	1.17265	0.2703E-02 98.6
323	376.0	973.8	0.9	0.49909	0.3640E-02	1.17270	0.2743E-02 98.5
323	386.0	990.7	0.9	0.49909	0.3834E-02	1.17286	0.2679E-02 98.7
323	396.0	1008.1	0.9	0.49913	0.3919E-02	1.17284	0.2905E-02 98.8
323	406.0	1024.4	0.9	0.49916	0.3984E-02	1.17295	0.2952E-02 98.6
323	416.0	1040.9	1.2	0.49920	0.4069E-02	1.17300	0.2995E-02 98.2
323	426.0	1058.6	1.2	0.49919	0.4049E-02	1.17306	0.3048E-02 98.4
323	436.0	1077.0	1.2	0.49925	0.4186E-02	1.17317	0.3141E-02 98.3
323	446.0	1091.7	1.1	0.49934	0.4349E-02	1.17323	0.3191E-02 98.2
323	456.0	1110.8	1.3	0.49933	0.4329E-02	1.17323	0.3196E-02 98.0
323	466.0	1127.2	1.3	0.49938	0.4421E-02	1.17338	0.3320E-02 98.2
323	476.0	1145.6	1.1	0.49946	0.4584E-02	1.17346	0.3390E-02 97.6
323	486.0	1164.5	1.3	0.49951	0.4681E-02	1.17353	0.3450E-02 98.3
323	496.0	1181.0	1.7	0.49955	0.4773E-02	1.17364	0.3543E-02 98.2
323	506.0	1200.5	1.6	0.49960	0.4857E-02	1.17363	0.3540E-02 98.0
323	516.0	1216.7	1.3	0.49968	0.5020E-02	1.17373	0.3623E-02 97.8
323	526.0	1235.5	1.7	0.49967	0.5007E-02	1.17382	0.3699E-02 97.5
323	536.0	1250.8	1.8	0.49987	0.5401E-02	1.17388	0.3749E-02 97.7
323	546.0	1267.2	1.7	0.49993	0.5536E-02	1.17390	0.3769E-02 97.7
323	556.0	1282.0	1.7	0.49993	0.5524E-02	1.17407	0.3915E-02 97.6
323	566.0	1297.7	2.0	0.50004	0.5849E-02	1.17418	0.4011E-02 97.3
323	576.0	1316.3	1.9	0.50011	0.5894E-02	1.17434	0.4141E-02 97.4
323	586.0	1331.7	1.8	0.50025	0.6233E-02	1.17437	0.4171E-02 97.4
323	596.0	1347.3	1.9	0.50027	0.6220E-02	1.17453	0.4307E-02 97.1
323	606.0	1363.4	2.1	0.50040	0.6451E-02	1.17446	0.4250E-02 96.9
323	616.0	1380.1	2.1	0.50055	0.6768E-02	1.17467	0.4430E-02 97.0
323	626.0	1394.7	2.2	0.50060	0.6872E-02	1.17465	0.4406E-02 96.9
323	636.0	1412.3	1.9	0.50064	0.6963E-02	1.17479	0.4529E-02 96.7
323	646.0	1429.6	2.3	0.50079	0.7250E-02	1.17486	0.4589E-02 96.6
323	656.0	1444.9	2.7	0.50100	0.7674E-02	1.17504	0.4745E-02 97.2

323	660.0	1460.0	2.1	0.50099	0.7661E-02	1.17511	0.4805E-02	97.2
323	670.0	1476.8	2.2	0.50107	0.7624E-02	1.17533	0.4494E-02	97.2
323	680.0	1491.6	2.5	0.50119	0.8054E-02	1.17540	0.5051E-02	97.2
323	690.0	1510.6	2.7	0.50135	0.8385E-02	1.17551	0.5147E-02	97.0
323	700.0	1526.6	2.4	0.50152	0.8737E-02	1.17568	0.5293E-02	97.0
323	716.0	1538.4	2.4	0.50158	0.8654E-02	1.17577	0.5369E-02	96.6
323	720.0	1554.4	2.4	0.50160	0.9008E-02	1.17607	0.5625E-02	97.2
323	730.0	1567.5	2.4	0.50214	0.9478E-02	1.17640	0.5907E-02	97.2
323	740.0	1583.1	3.2	0.50266	0.1102E-01	1.17645	0.6372E-02	96.8
323	804.0	1660.3	3.0	0.50652	0.1874E-01	1.18104	0.1038E-01	100.2
323	804.5	1660.9	3.6	0.50674	0.1922E-01	1.18162	0.1037E-01	100.3
323	805.0	1669.7	3.4	0.50616	0.1806E-01	1.18182	0.1054E-01	100.4
323	805.5	1671.4	3.6	0.50635	0.1844E-01	1.18187	0.1059E-01	100.2
323	806.0	1671.1	3.6	0.50638	0.1850E-01	1.18186	0.1057E-01	100.2
323	806.5	1672.1	3.5	0.50638	0.1850E-01	1.18192	0.1063E-01	100.3
323	816.0	1685.9	3.4	0.50779	0.2134E-01	1.18273	0.1132E-01	100.0
323	826.0	1701.1	3.8	0.50835	0.2247E-01	1.18350	0.1197E-01	100.1
323	830.0	1714.6	4.0	0.50904	0.2385E-01	1.18410	0.1250E-01	100.1
323	846.0	1728.2	4.2	0.50964	0.2505E-01	1.18472	0.1302E-01	99.9
323	856.0	1744.9	4.0	0.50990	0.2556E-01	1.18515	0.1339E-01	99.6
323	866.0	1761.1	4.1	0.51029	0.2637E-01	1.18563	0.1380E-01	100.1
323	876.0	1775.1	4.0	0.51060	0.2712E-01	1.18603	0.1414E-01	99.9
323	886.0	1787.3	4.1	0.51130	0.2839E-01	1.18648	0.1452E-01	100.0
323	896.0	1805.1	3.9	0.51174	0.2924E-01	1.18694	0.1492E-01	99.6
323	906.0	1816.4	4.3	0.51211	0.3003E-01	1.18743	0.1534E-01	99.5
323	916.0	1833.3	4.1	0.51252	0.3095E-01	1.18774	0.1560E-01	99.6
323	926.0	1848.9	4.6	0.51248	0.3077E-01	1.18825	0.1603E-01	99.5
323	936.0	1860.0	4.5	0.51342	0.3265E-01	1.18869	0.1641E-01	99.6
323	946.0	1877.3	4.5	0.51358	0.3298E-01	1.18917	0.1683E-01	99.4
323	956.0	1893.1	4.7	0.51404	0.3390E-01	1.18955	0.1715E-01	99.2
323	966.0	1906.3	4.6	0.51444	0.3471E-01	1.19002	0.1759E-01	99.0
323	976.0	1920.2	4.6	0.51550	0.3664E-01	1.19056	0.1802E-01	99.3
323	986.0	1933.1	5.5	0.51520	0.3636E-01	1.19090	0.1831E-01	99.4
323	996.0	1950.4	5.2	0.51650	0.3886E-01	1.19140	0.1873E-01	99.3
323	1006.0	1964.0	5.0	0.51710	0.4007E-01	1.19196	0.1921E-01	98.7
323	1016.0	1978.8	5.4	0.51684	0.3954E-01	1.19247	0.1965E-01	100.6
323	1026.0	1991.4	5.5	0.51780	0.4147E-01	1.19288	0.2000E-01	100.6
323	1036.0	2007.6	5.8	0.51769	0.4125E-01	1.19341	0.2045E-01	100.4
323	1046.0	2022.6	5.4	0.51789	0.4125E-01	1.19393	0.2090E-01	100.1
323	1056.0	2040.1	5.9-9.99900	-.9999E+04	1.19446	0.2136E-01	100.0	
323	1066.0	2051.9	5.9-9.99900	-.9999E+04	1.19506	0.2188E-01	100.1	
323	1076.0	2065.6	5.6-9.99900	-.9999E+04	1.19566	0.2237E-01	99.7	
323	1086.0	2080.4	5.7-9.99900	-.9999E+04	1.19621	0.2284E-01	99.4	
323	1096.0	2095.3	5.4-9.99900	-.9999E+04	1.19685	0.2339E-01	99.4	
323	1106.0	2111.3	6.3-9.99900	-.9999E+04	1.19747	0.2392E-01	99.4	
323	1116.0	2124.5	6.3-9.99900	-.9999E+04	1.19826	0.2460E-01	99.4	
323	1126.0	2142.2	6.3-9.99900	-.9999E+04	1.19917	0.2538E-01	99.3	
323	1136.0	2153.9	6.3-9.99900	-.9999E+04	1.20001	0.2610E-01	98.9	
323	1146.0	2157.6	6.1-9.99900	-.9999E+04	1.20050	0.2656E-01	98.8	
323	1156.0	2154.4	6.4-9.99900	-.9999E+04	1.20125	0.2718E-01	99.0	
323	1166.0	2161.0	6.4-9.99900	-.9999E+04	1.20140	0.2771E-01	98.9	
323	1176.0	2156.7	6.6-9.99900	-.9999E+04	1.20249	0.2821E-01	99.0	
323	1186.0	2159.1	6.5-9.99900	-.9999E+04	1.20311	0.2874E-01	98.5	
323	1196.0	2160.6	6.4-9.99900	-.9999E+04	1.20355	0.2912E-01	98.9	
323	1206.0	2156.0	6.3-9.99900	-.9999E+04	1.20391	0.2943E-01	100.9	
323	1216.0	2157.4	6.6-9.99900	-.9999E+04	1.20466	0.3114E-01	101.2	
323	1226.0	2159.1	6.7-9.99900	-.9999E+04	1.20524	0.3054E-01	100.9	
323	1236.0	2155.9	6.1-9.99900	-.9999E+04	1.20531	0.3063E-01	100.6	
323	1246.0	2159.2	6.7-9.99900	-.9999E+04	1.20572	0.3098E-01	100.6	
323	1256.0	2157.6	6.3-9.99900	-.9999E+04	1.20623	0.3142E-01	100.4	

323	1266.0	2159.0	6.4-9.99900	-.99999E+04	1.20643	0.3158E-01	100.7
323	1270.0	2159.6	5.9-9.99900	-.99999E+04	1.20656	0.3171E-01	100.6
323	1280.0	2157.7	6.9-9.99900	-.99999E+04	1.20673	0.3184E-01	100.5
323	1290.0	2157.2	6.4-9.99900	-.99999E+04	1.20704	0.3210E-01	100.4
323	1300.0	2158.9	6.5-9.99900	-.99999E+04	1.20751	0.3250E-01	100.1
323	1310.0	2154.9	6.1-9.99900	-.99999E+04	1.20831	0.3319E-01	100.2
323	1320.0	2157.0	6.4-9.99900	-.99999E+04	1.21134	0.3579E-01	100.5
323	1330.0	2152.9	6.6-9.99900	-.99999E+04	1.21371	0.3781E-01	100.3

324	478.0						
324	473.0	602.9	0.2	0.49743	0.1997E-02	1.17378	0.1723E-02
324	473.5	603.0	0.3	0.49738	0.1692E-02	1.17381	0.1750E-02
324	474.0	602.9	0.3	0.49740	0.1933E-02	1.17388	0.1644E-02
324	474.5	604.7	0.4	0.49740	0.2048E-02	1.17373	0.1684E-02
324	475.0	606.1	0.2	0.49747	0.2076E-02	1.17377	0.1717E-02
324	475.5	604.9	0.4	0.49744	0.2005E-02	1.17374	0.1694E-02
324	476.0	603.9	0.4	0.49741	0.1952E-02	1.17379	0.1733E-02
324	476.5	604.6	0.5	0.49746	0.2044E-02	1.17377	0.1720E-02
324	477.0	606.0	0.2	0.49747	0.2071E-02	1.17376	0.1713E-02
324	477.5	605.7	0.3	0.49748	0.2083E-02	1.17363	0.1770E-02
324	478.0	605.4	0.4	0.49744	0.2016E-02	1.17379	0.1733E-02
324	478.5	605.7	0.2	0.49748	0.2090E-02	1.17377	0.1717E-02
324	488.5	619.0	0.4	0.49745	0.2024E-02	1.17375	0.1704E-02
324	498.5	636.9	0.4	0.49754	0.2219E-02	1.17384	0.1819E-02
324	508.5	658.0	0.1	0.49760	0.2338E-02	1.17399	0.1909E-02
324	518.5	675.5	0.5	0.49761	0.2357E-02	1.17404	0.1952E-02
324	528.5	698.6	0.6	0.49763	0.2403E-02	1.17411	0.2005E-02
324	538.5	717.9	0.5	0.49770	0.2540E-02	1.17414	0.2032E-02
324	548.5	739.2	0.2	0.49773	0.2599E-02	1.17425	0.2126E-02
324	558.5	756.3	0.5	0.49780	0.2730E-02	1.17433	0.2197E-02
324	568.5	776.5	0.5	0.49781	0.2756E-02	1.17436	0.2224E-02
324	573.5	800.3	0.4	0.49779	0.2716E-02	1.17444	0.2267E-02
324	588.5	817.1	0.5	0.49794	0.3023E-02	1.17451	0.2346E-02
324	598.5	838.4	0.7	0.49799	0.3114E-02	1.17458	0.2406E-02
324	608.5	856.0	0.6	0.49802	0.3173E-02	1.17467	0.2469E-02
324	618.5	873.8	1.1	0.49808	0.3298E-02	1.17474	0.2545E-02
324	628.5	892.6	0.9	0.49812	0.3362E-02	1.17480	0.2598E-02
324	638.5	911.6	0.6	0.49817	0.3480E-02	1.17484	0.2631E-02
324	648.5	931.8	0.7	0.49824	0.3624E-02	1.17495	0.2727E-02
324	658.5	947.5	0.6	0.49825	0.3644E-02	1.17502	0.2787E-02
324	668.5	966.9	0.7	0.49833	0.3800E-02	1.17496	0.2734E-02
324	678.5	982.5	0.7	0.49833	0.3800E-02	1.17517	0.2910E-02
324	688.5	1000.6	0.7	0.49837	0.3879E-02	1.17509	0.2844E-02
324	698.5	1016.0	0.7	0.49833	0.3867E-02	1.17523	0.2960E-02
324	708.5	1024.9	1.1	0.49843	0.4011E-02	1.17532	0.3042E-02
324	718.5	1048.2	0.8	0.49849	0.4055E-02	1.17543	0.3132E-02
324	728.5	1066.6	1.1	0.49883	0.6822E-02	1.17544	0.3142E-02
324	738.5	1084.0	1.2	0.49889	0.6948E-02	1.17548	0.3175E-02
324	748.5	1102.1	1.0	0.49886	0.6882E-02	1.17559	0.3268E-02
324	758.5	1120.1	1.0	0.49871	0.4564E-02	1.17571	0.3377E-02
324	768.5	1137.4	1.2	0.49875	0.4643E-02	1.17577	0.3423E-02
324	778.5	1154.6	1.4	0.49874	0.4623E-02	1.17590	0.3536E-02
324	788.5	1172.1	1.3	0.49883	0.4809E-02	1.17600	0.3622E-02
324	798.5	1186.4	1.1	0.49881	0.4780E-02	1.17607	0.3672E-02
324	808.5	1206.2	1.5	0.49892	0.4902E-02	1.17605	0.3685E-02
324	818.5	1223.8	1.5	0.49897	0.5100E-02	1.17617	0.3765E-02
324	828.5	1238.6	1.3	0.49898	0.5106E-02	1.17636	0.3927E-02
324	838.5	1252.6	1.4	0.49905	0.5256E-02	1.17637	0.3937E-02
324	848.5	1270.2	1.6	0.49906	0.5322E-02	1.17651	0.4050E-02
324	858.5	1284.2	1.6	0.49918	0.5524E-02	1.17654	0.4083E-02
324	868.5	1307.1	1.5	0.49925	0.5655E-02	1.14266	0.2483E-01
324	878.5	1325.0	1.4	0.49926	0.5688E-02	1.17663	0.4331E-02
324	888.5	1337.4	1.6	0.49934	0.5831E-02	1.17704	0.4510E-02
324	898.5	1354.9	1.3	0.49937	0.5690E-02	1.17712	0.4580E-02
324	908.5	1369.0	2.0	0.49947	0.6105E-02	1.17721	0.4650E-02
324	918.5	1387.2	1.7	0.49945	0.6066E-02	1.17737	0.4792E-02
324	928.5	1403.8	1.4	0.49968	0.6513E-02	1.17754	0.4931E-02
324	938.5	1420.0	2.0	0.49967	0.6510E-02	1.17756	0.4955E-02
324	948.5	1429.4	1.6	0.49970	0.6564E-02	1.17766	0.5206E-02

324	958.5	1445.6	2.1	0.49990	0.6957E-02	1.17602	0.5346E-02	49.9
324	968.5	1466.9	1.8	0.49990	0.7037E-02	1.17816	0.5462E-02	49.9
324	978.5	1481.2	2.1	0.49999	0.7142E-02	1.17832	0.5598E-02	49.9
324	988.5	1500.5	2.0	0.50010	0.7359E-02	1.17856	0.5810E-02	50.1
324	998.5	1511.6	2.3	0.50020	0.7562E-02	1.17863	0.5863E-02	50.0
324	1008.5	1526.2	2.6	0.50016	0.7529E-02	1.17860	0.6065E-02	49.5
324	1018.5	1542.2	2.7	0.50028	0.7731E-02	1.17911	0.6277E-02	50.0
324	1028.5	1553.4	2.9	0.50040	0.8064E-02	1.17940	0.6522E-02	49.9
324	1038.5	1573.3	2.7	0.50073	0.8629E-02	1.17977	0.6840E-02	49.8
324	1048.5	1590.9	2.7	0.50086	0.8939E-02	1.18580	0.7215E-01	50.0
324	1058.5	1604.0	3.0	0.50121	0.9599E-02	1.18112	0.7987E-02	49.7
324	1068.5	1614.3	3.0	0.50155	0.1023E-01	1.18198	0.8726E-02	50.0
324	1078.5	1623.0	3.3	0.50191	0.1101E-01	1.18282	0.9445E-02	50.0
324	1088.5	1647.5	3.0	0.50230	0.1181E-01	1.18376	0.1025E-01	49.6
324	1098.5	1660.4	3.4	0.50275	0.1271E-01	1.18455	0.1092E-01	49.7
324	1108.5	1672.2	3.4	0.50308	0.1337E-01	1.18507	0.1136E-01	49.6
324	1118.5	1688.8	3.6	0.50335	0.1392E-01	1.18580	0.1199E-01	49.6
324	1128.5	1697.6	3.6	0.50383	0.1489E-01	1.18637	0.1247E-01	50.1
324	1138.5	1718.9	3.3	0.50411	0.1548E-01	1.18665	0.1286E-01	50.3
324	1148.5	1734.9	3.5	0.50418	0.1559E-01	1.18724	0.1322E-01	50.4
324	1158.5	1747.4	4.0	0.50441	0.1604E-01	1.18777	0.1367E-01	50.2
324	1168.5	1763.4	4.0	0.50452	0.1627E-01	1.18808	0.1393E-01	50.2
324	1178.5	1772.1	4.1	0.50469	0.1661E-01	1.18853	0.1431E-01	50.1
324	1188.5	1791.4	3.9	0.50497	0.1719E-01	1.18884	0.1462E-01	50.0
324	1198.5	1807.7	3.4	0.50519	0.1782E-01	1.18934	0.1500E-01	50.0
324	1208.5	1821.3	3.4	0.50552	0.1828E-01	1.18974	0.1535E-01	49.7
324	1218.5	1826.2	4.3	0.50576	0.1882E-01	1.19026	0.1579E-01	50.1
324	1228.5	1852.1	4.0	0.50598	0.1920E-01	1.19073	0.1620E-01	49.8
324	1238.5	1868.2	4.5	0.50619	0.1993E-01	1.19113	0.1653E-01	49.8
324	1248.5	1878.1	4.7	0.50639	0.2003E-01	1.19169	0.1701E-01	49.8
324	1258.5	1887.9	4.8	0.50664	0.2055E-01	1.19200	0.1726E-01	49.8
324	1268.5	1904.9	4.9	0.50685	0.2097E-01	1.19251	0.1771E-01	49.6
324	1278.5	1921.1	4.6	0.50703	0.2133E-01	1.19295	0.1809E-01	49.2
324	1288.5	1940.4	4.6	0.50726	0.2179E-01	1.19341	0.1848E-01	49.6
324	1298.5	1949.0	5.2	0.50744	0.2215E-01	1.19410	0.1907E-01	49.7
324	1308.5	1965.0	5.0	0.50766	0.2260E-01	1.19446	0.1937E-01	49.7
324	1318.5	1979.7	4.8	0.50795	0.2318E-01	1.19502	0.1985E-01	49.6
324	1329.5	1991.8	4.9	0.50815	0.2358E-01	1.19555	0.2031E-01	49.4
324	1338.5	2010.2	5.0	0.50844	0.2416E-01	1.19604	0.2072E-01	49.3
324	1348.5	2025.9	5.0	0.50849	0.2428E-01	1.19641	0.2104E-01	50.5
324	1358.5	2033.6	5.4	0.50878	0.2486E-01	1.19694	0.2149E-01	50.9
324	1368.5	2051.2	5.9	0.50914	0.2558E-01	1.19757	0.2203E-01	50.4
324	1378.5	2062.5	5.7	0.50916	0.2562E-01	1.19817	0.2254E-01	50.6
324	1388.5	2076.0	5.7	0.50959	0.2648E-01	1.19870	0.2300E-01	50.7
324	1398.5	2087.3	5.6	0.50971	0.2673E-01	1.19948	0.2366E-01	50.7
324	1408.5	2104.2	6.3	0.51002	0.2736E-01	1.20014	0.2423E-01	50.3
324	1418.5	2121.6	6.1	0.51016	0.2783E-01	1.20071	0.2471E-01	50.6
324	1428.5	2136.1	6.9	0.51055	0.2842E-01	1.20145	0.2534E-01	50.5
324	1438.5	2147.3	6.2	0.51069	0.2871E-01	1.20207	0.2587E-01	50.7
324	1439.5	2148.8	6.4	0.51074	0.2881E-01	1.20211	0.2590E-01	50.6
324	1440.5	2148.3	6.4	0.51066	0.2864E-01	1.20210	0.2589E-01	50.2
324	1441.5	2150.3	6.2	0.51068	0.2866E-01	1.20222	0.2600E-01	50.2
324	1442.5	2148.3	6.0	0.51084	0.2901E-01	1.20233	0.2610E-01	50.4
324	1443.5	2159.6	6.0	0.51080	0.2893E-01	1.20233	0.2609E-01	50.3
324	1444.5	2155.0	5.9	0.51086	0.2904E-01	1.20246	0.2620E-01	50.3
324	1445.5	2152.1	6.1	0.51083	0.2899E-01	1.20247	0.2621E-01	50.4
324	1446.5	2157.6	6.4	0.51085	0.2901E-01	1.20240	0.2615E-01	50.3
324	1447.5	2156.4	6.1	0.51096	0.2924E-01	1.20254	0.2627E-01	50.1
324	1448.5	2159.8	6.3	0.51094	0.2920E-01	1.20262	0.2634E-01	50.1
324	1449.5	2162.0	6.1	0.51101	0.2934E-01	1.20272	0.2642E-01	50.4

324	1450.5	2170.2	6.4	0.51096	0.2925E-01	1.20268	0.2639E-01	50.1
324	1451.5	2169.7	6.5	0.51102	0.2936E-01	1.20275	0.2645E-01	50.3
324	1452.5	2168.3	6.3	0.51104	0.2940E-01	1.20262	0.2634E-01	50.2
324	1453.5	2164.7	6.5	0.51099	0.2931E-01	1.20270	0.2641E-01	50.5
324	1454.5	2167.5	6.8	0.51114	0.2962E-01	1.20307	0.2672E-01	50.2
324	1455.5	2170.4	6.6	0.51108	0.2949E-01	1.20285	0.2654E-01	50.3
324	1456.5	2172.9	5.9	0.51122	0.2976E-01	1.20292	0.2659E-01	50.2
324	1457.5	2170.5	6.4	0.51120	0.2973E-01	1.20305	0.2671E-01	50.3
324	1458.5	2175.5	6.4	0.51122	0.2977E-01	1.20299	0.2665E-01	50.4
324	1459.5	2171.8	6.5	0.51123	0.2979E-01	1.20298	0.2664E-01	50.2
324	1460.5	2180.8	6.2	0.51130	0.2994E-01	1.20316	0.2680E-01	50.2
324	1461.5	2181.6	6.1	0.51130	0.2992E-01	1.20303	0.2669E-01	50.1
324	1462.5	2179.1	6.8	0.51122	0.2976E-01	1.20318	0.2681E-01	50.2
324	1463.5	2162.6	6.8	0.51124	0.2982E-01	1.20322	0.2685E-01	49.9
324	1464.5	2183.9	6.6	0.51125	0.2983E-01	1.20317	0.2681E-01	50.4
324	1465.5	2187.1	6.3	0.51137	0.3006E-01	1.20322	0.2685E-01	50.1
324	1466.5	2184.4	6.4	0.51133	0.2999E-01	1.20336	0.2697E-01	50.2
324	1467.5	2184.3	6.4	0.51125	0.2982E-01	1.20339	0.2700E-01	50.2
324	1468.5	2188.2	6.7	0.51143	0.3019E-01	1.20333	0.2695E-01	49.7
324	1469.5	2193.6	6.7	0.51143	0.3020E-01	1.20357	0.2715E-01	50.1
324	1470.5	2192.5	7.1	0.51137	0.3007E-01	1.20343	0.2703E-01	50.1
324	1471.5	2190.5	6.5	0.51146	0.3024E-01	1.20341	0.2702E-01	50.2
324	1472.5	2195.5	6.5	0.51156	0.3045E-01	1.20359	0.2717E-01	50.2
324	1473.5	2195.3	6.6	0.51151	0.3035E-01	1.20341	0.2701E-01	50.2
324	1474.5	2197.4	6.5	0.51156	0.3050E-01	1.20340	0.2706E-01	50.3
324	1475.5	2174.0	7.0	0.51157	0.3047E-01	1.20352	0.2711E-01	50.2
324	1476.5	2194.7	7.0	0.51175	0.3083E-01	1.20358	0.2716E-01	50.4
324	1477.5	0.0	6.9	0.51174	0.3061E-01	1.20383	0.2737E-01	50.2
324	1478.5	2198.1	7.0	0.51165	0.3063E-01	1.20374	0.2730E-01	50.3
324	1479.5	2196.3	6.8	0.51169	0.3071E-01	1.20390	0.2743E-01	50.2
324	1480.5	0.0	7.0	0.51176	0.3085E-01	1.20404	0.2755E-01	50.2
324	1481.5	0.0	6.9	0.51165	0.3063E-01	1.20410	0.2760E-01	49.7
324	1482.5	0.0	7.3	0.51163	0.3059E-01	1.20384	0.2738E-01	50.3
324	1483.5	0.0	7.3	0.51171	0.3075E-01	1.20398	0.2750E-01	50.4
324	1484.5	0.0	7.1	0.51176	0.3065E-01	1.20389	0.2742E-01	50.1
324	1485.5	0.0	7.4	0.51198	0.3129E-01	1.20397	0.2749E-01	50.4
324	1486.5	0.0	3.3	0.51183	0.3100E-01	1.20367	0.2723E-01	51.1
324	1487.5	2089.2	0.1	0.51118	0.2970E-01	1.20238	0.2614E-01	50.9
324	1488.5	1944.4	0.1	0.51064	0.2860E-01	1.20139	0.2529E-01	51.0
324	1489.5	1819.6	0.0	0.51033	0.2798E-01	1.20085	0.2483E-01	51.3
324	1490.5	1732.3	-0.2	0.51044	0.2820E-01	1.20074	0.2474E-01	50.9
324	1491.5	1652.2	0.1	0.51005	0.2742E-01	1.20053	0.2450E-01	50.8
324	1492.5	1594.8	0.0	0.51005	0.2741E-01	1.20056	0.2460E-01	51.1
324	1493.5	1552.0	0.1	0.50996	0.2723E-01	1.20077	0.2476E-01	50.9
324	1494.5	1516.1	0.0	0.50987	0.2704E-01	1.20076	0.2475E-01	51.0
324	1495.5	1477.8	0.2	0.50986	0.2702E-01	1.20067	0.2468E-01	51.0
324	1496.5	1434.8	0.1	0.50961	0.2692E-01	1.20054	0.2457E-01	50.7
324	1497.5	1394.8	-0.2	0.50971	0.2673E-01	1.20057	0.2459E-01	50.6
324	1498.5	1360.1	-0.1	0.50963	0.2656E-01	1.20045	0.2446E-01	50.9
324	1499.5	1322.6	0.1	0.50950	0.2630E-01	1.20017	0.2425E-01	51.1
324	1500.5	1282.4	0.0	0.50935	0.2601E-01	1.19985	0.2397E-01	51.1
324	1501.5	1245.6	0.1	0.50931	0.2591E-01	1.19965	0.2397E-01	50.8
324	1502.5	1212.3	-0.1	0.50912	0.2553E-01	1.19931	0.2352E-01	51.0
324	1503.5	1177.7	0.0	0.50901	0.2532E-01	1.19949	0.2367E-01	50.8
324	1504.5	1142.1	-0.2	0.50900	0.2529E-01	1.19914	0.2337E-01	50.9

325	312.5						
325	307.5	601.6	0.5	0.49634	0.2092E-02	1.17350	0.1627E-02
325	303.0	601.7	0.5	0.49635	0.2119E-02	1.17356	0.1671E-02
325	308.5	603.3	0.7	0.49841	0.2229E-02	1.17351	0.1631E-02
325	309.0	604.3	0.7	0.49848	0.1975E-02	1.17357	0.1687E-02
325	309.5	605.4	0.4	0.49830	0.2132E-02	1.17352	0.1644E-02
325	310.0	606.2	0.6	0.49634	0.2106E-02	1.17357	0.1681E-02
325	310.5	606.9	0.5	0.49834	0.2197E-02	1.17354	0.1706E-02
325	311.0	606.1	0.7	0.49836	0.2145E-02	1.17352	0.1644E-02
325	311.5	608.7	0.5	0.49836	0.2145E-02	1.17365	0.1753E-02
325	312.0	609.6	0.6	0.49835	0.2119E-02	1.17362	0.1724E-02
325	312.5	609.8	0.5	0.49836	0.2145E-02	1.17356	0.1694E-02
325	313.0	611.1	0.6	0.49831	0.2027E-02	1.17364	0.1747E-02
325	323.0	630.2	0.4	0.49845	0.2314E-02	1.17359	0.1697E-02
325	333.0	650.7	0.4	0.49847	0.2353E-02	1.17376	0.1843E-02
325	343.0	671.4	0.4	0.49849	0.2392E-02	1.17381	0.1889E-02
325	353.0	691.4	0.9	0.49853	0.2471E-02	1.17385	0.1922E-02
325	363.0	712.0	0.8	0.49854	0.2497E-02	1.17404	0.2062E-02
325	373.0	732.8	0.5	0.49854	0.2601E-02	1.17410	0.2138E-02
325	383.0	754.1	0.7	0.49861	0.2633E-02	1.17411	0.2141E-02
325	393.0	772.7	1.0	0.49872	0.2655E-02	1.17408	0.2115E-02
325	403.0	794.0	0.5	0.49869	0.2796E-02	1.17425	0.2267E-02
325	413.0	812.3	0.5	0.49878	0.2985E-02	1.17429	0.2297E-02
325	423.0	833.7	0.6	0.49880	0.3018E-02	1.17441	0.2400E-02
325	433.0	851.1	0.7	0.49885	0.3129E-02	1.17441	0.2400E-02
325	443.0	871.6	0.7	0.49893	0.3292E-02	1.17446	0.2459E-02
325	453.0	889.2	0.9	0.49892	0.3253E-02	1.17464	0.2595E-02
325	463.0	907.6	0.8	0.49903	0.3467E-02	1.17456	0.2532E-02
325	473.0	926.4	1.0	0.49905	0.3527E-02	1.17471	0.2655E-02
325	483.0	943.2	1.1	0.49912	0.3670E-02	1.17473	0.2672E-02
325	493.0	960.6	1.1	0.49912	0.3670E-02	1.17483	0.2758E-02
325	503.0	979.2	1.3	0.49922	0.3672E-02	1.17484	0.2808E-02
325	513.0	995.2	0.9	0.49928	0.3976E-02	1.17494	0.2894E-02
325	523.0	1012.8	1.0	0.49932	0.4074E-02	1.17502	0.2917E-02
325	533.0	1029.8	0.9	0.49937	0.4172E-02	1.17505	0.2950E-02
325	543.0	1047.2	0.9	0.49945	0.4322E-02	1.17518	0.3056E-02
325	553.0	1063.4	0.8	0.49954	0.4504E-02	1.17522	0.3043E-02
325	563.0	1080.0	1.3	0.49956	0.4556E-02	1.17526	0.3122E-02
325	573.0	1098.7	1.2	0.49964	0.4719E-02	1.17521	0.3079E-02
325	583.0	1115.8	1.2	0.49968	0.4791E-02	1.17532	0.3174E-02
325	593.0	1134.6	1.1	0.49972	0.4876E-02	1.17540	0.3242E-02
325	603.0	1152.1	0.9	0.49984	0.5117E-02	1.17540	0.3242E-02
325	613.0	1169.1	1.5	0.49995	0.5332E-02	1.17554	0.3361E-02
325	623.0	1185.8	1.4	0.49998	0.5341E-02	1.17557	0.3394E-02
325	633.0	1204.5	1.6	0.50009	0.5612E-02	1.17555	0.3371E-02
325	643.0	1222.7	1.7	0.50018	0.5601E-02	1.17568	0.3480E-02
325	653.0	1237.9	2.0	0.50033	0.6088E-02	1.17576	0.3553E-02
325	663.0	1256.5	1.6	0.50038	0.6149E-02	1.17574	0.3533E-02
325	673.0	1272.7	1.4	0.50058	0.6610E-02	1.17585	0.3626E-02
325	683.0	1290.2	1.6	0.50068	0.6792E-02	1.17583	0.3616E-02
325	693.0	1307.0	1.6	0.50061	0.7006E-02	1.17592	0.3693E-02
325	703.0	1323.6	2.0	0.50097	0.7305E-02	1.17583	0.3613E-02
325	713.0	1339.9	1.7	0.50115	0.7751E-02	1.17595	0.3716E-02
325	723.0	1355.3	2.0	0.50136	0.8168E-02	1.17607	0.3814E-02
325	733.0	1371.6	2.3	0.50158	0.8611E-02	1.17600	0.3826E-02
325	743.0	1385.7	2.0	0.50192	0.9302E-02	1.17621	0.3934E-02
325	753.0	1403.3	2.2	0.50209	0.9636E-02	1.17621	0.3934E-02
325	763.0	1420.4	2.7	0.50252	0.1051E-01	1.17623	0.3954E-02
325	773.0	1436.0	2.3	0.50291	0.1124E-01	1.17623	0.3954E-02
325	783.0	1451.6	2.6	0.50328	0.1203E-01	1.17629	0.4001E-02

325	793.0	1467.3	2.6	0.50385	0.1318E-01	1.17630	0.4017E-02	399.9
325	803.0	1483.3	2.5	0.50435	0.1418E-01	1.17615	0.388E-02	399.7
325	813.0	1502.0	3.1	0.50486	0.1521E-01	1.17609	0.3635E-02	399.4
325	823.0	1515.0	2.7	0.50542	0.1634E-01	1.17625	0.3471E-02	399.1
325	833.0	1530.5	3.2	0.50635	0.1821E-01	1.17613	0.3665E-02	398.8
325	843.0	1543.6	3.5	0.50760	0.2072E-01	1.17610	0.3845E-02	398.6
325	853.0	1554.2	3.4	0.50980	0.2514E-01	1.17613	0.3671E-02	399.1
325	863.0	1575.3	3.2	0.51317	0.3142E-01	1.17618	0.3908E-02	400.0
325	873.0	1589.4	3.7	0.51786	0.4134E-01	1.17641	0.4107E-02	400.5
325	883.0	1606.6	3.4-9.99900	-0.9999E+04	1.17686	0.4491E-02	400.5	
325	893.0	1621.7	3.4-9.99900	-0.9999E+04	1.17761	0.5124E-02	399.7	
325	903.0	1642.1	3.5-9.99900	-0.9999E+04	1.17874	0.6092E-02	399.4	
325	904.0	1643.2	3.4-9.99900	-0.9999E+04	1.17862	0.6162E-02	399.2	
325	905.0	1644.5	3.4-9.99900	-0.9999E+04	1.17690	0.6235E-02	399.1	
325	906.0	1645.1	3.2-9.99900	-0.9999E+04	1.17912	0.6417E-02	399.3	
325	907.0	1648.3	3.2-9.99900	-0.9999E+04	1.17916	0.6454E-02	398.6	
325	908.0	1651.0	3.6-9.99900	-0.9999E+04	1.17992	0.7103E-02	399.0	
325	909.0	1654.0	3.7-9.99900	-0.9999E+04	1.20146	0.2551E-01	399.1	
325	910.0	1655.9	3.4-9.99900	-0.9999E+04	1.22210	0.4311E-01	398.6	
325	911.0	1656.5	3.6-9.99900	-0.9999E+04	1.20501	0.2652E-01	398.7	
325	912.0	1658.4	3.2-9.99900	-0.9999E+04	1.22092	0.4210E-01	398.0	
325	913.0	1660.7	3.6-9.99900	-0.9999E+04	1.17767	0.5353E-02	397.5	
325	914.0	1595.5	3.8-9.99900	-0.9999E+04	1.17630	0.4017E-02	365.6	
325	915.0	1570.5	4.7-9.99900	-0.9999E+04	1.17550	0.4186E-02	367.7	
325	916.0	1536.0	0.2-9.99900	-0.9999E+04	1.17642	0.4120E-02	369.2	
325	917.0	1451.6	0.2-9.99900	-0.9999E+04	1.17631	0.4021E-02	370.3	
325	918.0	1361.8	0.2-9.99900	-0.9999E+04	1.17506	0.3805E-02	370.5	
325	919.0	1254.7	0.2-9.99900	-0.9999E+04	1.17561	0.3421E-02	384.5	
325	920.0	1203.3	0.1-9.99900	-0.9999E+04	1.17552	0.3351E-02	410.8	
1	921.0	1165.1	0.0-9.99900	-0.9999E+04	1.17542	0.3265E-02	412.1	
325	922.0	1124.9	-0.1-9.99900	-0.9999E+04	1.17526	0.3129E-02	413.3	
325	923.0	1090.7	-0.2-9.99900	-0.9999E+04	1.17517	0.3046E-02	414.3	
325	924.0	1059.6	-0.2-9.99900	-0.9999E+04	1.17494	0.2854E-02	415.0	
325	925.0	1030.4	-0.1-9.99900	-0.9999E+04	1.17501	0.2910E-02	415.8	

326	150.5						
326	145.5	018.0	0.0	0.49852	0.2353E-02	1.17731	0.1788E-02 14.5
326	146.0	018.6	0.0	0.49854	0.2307E-02	1.17729	0.1755E-02 14.7
326	146.5	018.1	0.0	0.49855	0.2222E-02	1.17735	0.1798E-02 14.8
326	147.0	018.3	0.2	0.49858	0.2281E-02	1.17744	0.1680E-02 14.5
326	147.5	018.6	0.0	0.49860	0.2313E-02	1.17740	0.1844E-02 14.8
326	148.0	018.5	0.0	0.49865	0.2424E-02	1.17734	0.1791E-02 14.6
326	148.5	017.7	0.2	0.49857	0.2261E-02	1.17731	0.1771E-02 14.6
326	149.0	019.1	0.3	0.49860	0.2320E-02	1.17734	0.1791E-02 14.8
326	149.5	019.2	0.2	0.49865	0.2411E-02	1.17734	0.1794E-02 240.9
326	150.0	014.7	0.0	0.49858	0.2281E-02	1.17734	0.1791E-02 213.7
326	150.5	020.1	0.2	0.49860	0.2320E-02	1.17733	0.1788E-02 208.2
326	151.0	019.6	0.2	0.49862	0.2353E-02	1.17726	0.1745E-02 206.7
326	161.0	020.7	0.0	0.49865	0.2424E-02	1.17734	0.1791E-02 194.2
326	171.0	021.0	0.5	0.49857	0.2261E-02	1.17738	0.1831E-02 122.5
326	181.0	014.3	0.3	0.49864	0.2405E-02	1.17730	0.1807E-02 99.6
326	191.0	018.6	0.1	0.49862	0.2354E-02	1.17731	0.1760E-02 101.0
326	201.0	017.6	0.2	0.49862	0.2386E-02	1.17735	0.1801E-02 100.0
326	211.0	018.4	0.5	0.49854	0.2300E-02	1.17727	0.1735E-02 99.7
326	221.0	016.4	0.0	0.49860	0.2326E-02	1.17735	0.1801E-02 99.5
326	231.0	017.8	0.6	0.49866	0.2437E-02	1.17728	0.1745E-02 99.4
326	241.0	015.0	0.5	0.49858	0.2281E-02	1.17731	0.1765E-02 100.0
326	251.0	018.8	0.8	0.49857	0.2255E-02	1.17737	0.1821E-02 100.1
326	261.0	016.0	0.4	0.49862	0.2306E-02	1.17720	0.1725E-02 100.0
326	271.0	014.2	0.3	0.49861	0.2340E-02	1.17726	0.1728E-02 99.8
326	281.5	018.3	0.4	0.49864	0.2405E-02	1.17740	0.1844E-02 99.5
326	291.5	018.9	0.6	0.49858	0.2274E-02	1.17721	0.1882E-02 99.5
326	301.5	017.8	0.5	0.49856	0.2235E-02	1.17737	0.1821E-02 99.4
326	311.5	086.9	1.2	0.49877	0.2652E-02	1.17783	0.2034E-02 99.6
326	321.5	013.5	1.3	0.49840	0.2290E-02	1.17802	0.2369E-02 99.4
326	331.5	040.1	1.4	0.49910	0.3317E-02	1.17644	0.2729E-02 99.5
326	341.5	1054.2	1.6	0.49945	0.4021E-02	1.17877	0.3014E-02 99.1
326	351.5	1157.5	1.8	0.49971	0.4542E-02	1.17437	0.3519E-02 99.3
326	361.5	1268.7	2.1	0.50006	0.5252E-02	1.17481	0.3892E-02 100.0
326	371.5	1371.4	2.7	0.50042	0.5699E-02	1.18017	0.4203E-02 100.8
326	381.5	1465.6	3.0	0.50082	0.6790E-02	1.18082	0.4752E-02 100.7
326	391.5	1554.2	3.3	0.50130	0.7748E-02	1.18131	0.5166E-02 100.2
326	401.5	1636.4	4.1	0.50257	0.1030E-01	1.18340	0.6952E-02 100.3
326	411.5	1744.5	4.4	0.50554	0.1626E-01	1.18644	0.9579E-02 100.1
326	421.5	1834.7	4.8	0.50832	0.2106E-01	1.18656	0.1138E-01 99.8
326	431.5	1922.8	5.4	0.51130	0.2784E-01	1.19102	0.1343E-01 99.8
326	441.5	2007.3	5.7	0.51430	0.3368E-01	1.19312	0.1522E-01 99.5
326	451.5	2101.6	6.1	0.51691	0.3912E-01	1.19531	0.1704E-01 100.5
326	452.5	2101.2	6.8	0.51721	0.3974E-01	1.19553	0.1727E-01 100.2
326	453.5	2104.0	6.8	0.51866	0.3867E-01	1.19570	0.1741E-01 100.4
326	454.5	2124.6	6.7	0.51694	0.3930E-01	1.19604	0.1770E-01 100.5
326	455.5	2134.9	6.4	0.51751	0.4034E-01	1.19630	0.1793E-01 100.5
326	456.5	2137.0	6.0	0.51777	0.4085E-01	1.19653	0.1812E-01 100.4
326	457.5	2156.3	6.0	0.51803	0.4138E-01	1.19684	0.1836E-01 100.0
326	459.5	2158.9	6.5	-9.99900	-9.9990E+04	1.19701	0.1853E-01 100.4
326	459.5	2163.9	6.6	-9.99900	-9.9990E+04	1.19743	0.1872E-01 100.1
326	460.5	2174.2	6.5	-9.99900	-9.9990E+04	1.19743	0.1888E-02 100.1
326	461.5	2190.4	6.2	-9.99900	-9.9990E+04	1.19776	0.1918E-01 100.3
326	462.5	2194.0	7.0	-9.99900	-9.9990E+04	1.19802	0.1939E-01 100.2
326	463.5	2194.4	6.8	-9.99900	-9.9990E+04	1.19812	0.1947E-01 100.0
326	464.5	0.0	7.4	-9.99900	-9.9990E+04	1.19849	0.1974E-01 99.9
326	465.5	0.0	6.4	-9.99900	-9.9990E+04	1.19876	0.2002E-01 100.1
326	466.5	0.0	7.0	-9.99900	-9.9990E+04	1.19898	0.2020E-01 100.2
326	467.5	0.0	7.5	-9.99900	-9.9990E+04	1.19923	0.2042E-01 100.0
326	468.5	0.0	7.8	-9.99900	-9.9990E+04	1.19947	0.2063E-01 100.1

326	469.5	0.0	7.8-9.99900	-.9999E+04	1.19971	0.2082E-01	100.0
326	470.5	0.0	7.7-9.99900	-.9999E+04	1.19980	0.2090E-01	100.1
326	471.5	1532.4	0.3-9.99900	-.9999E+04	1.19918	0.2030E-01	101.3
326	472.5	2019.6	0.0-9.99900	-.9999E+04	1.19765	0.1920E-01	100.7
326	473.5	1882.6	0.2-9.99900	-.9999E+04	1.19644	0.1847E-01	100.4
326	474.5	1759.2	-0.2-9.99900	-.9999E+04	1.19633	0.1798E-01	100.8
326	475.5	1666.6	-0.1-9.99900	-.9999E+04	1.19542	0.1700E-01	100.4
326	476.5	1595.8	-0.1-9.99900	-.9999E+04	1.19543	0.1761E-01	100.5
326	477.5	1557.3	0.0-9.99900	-.9999E+04	1.19643	0.1803E-01	100.3
326	478.5	1525.3	0.1-9.99900	-.9999E+04	1.19660	0.1818E-01	100.4
326	479.5	1482.9	0.0-9.99900	-.9999E+04	1.19678	0.1834E-01	100.5
326	480.5	1442.6	-0.1-9.99900	-.9999E+04	1.19677	0.1833E-01	100.3
326	481.5	1393.6	0.0-9.99900	-.9999E+04	1.19685	0.1823E-01	100.4
326	482.5	1359.0	0.4-9.99900	-.9999E+04	1.19686	0.1823E-01	100.5
326	483.5	1318.6	0.0-9.99900	-.9999E+04	1.19618	-.7649E-02	100.5
326	484.5	1281.5	0.0-9.99900	-.9999E+04	1.19630	0.1742E-01	100.4
326	485.5	1243.7	-0.1-9.99900	-.9999E+04	1.19603	0.1770E-01	100.3
326	486.5	1208.6	-0.1-9.99900	-.9999E+04	1.19591	0.1760E-01	100.4
326	487.5	1165.9	0.2-9.99900	-.9999E+04	1.19579	0.1744E-01	100.4
326	488.5	1133.9	0.0-9.99900	-.9999E+04	1.19559	0.1732E-01	100.6
326	489.5	1100.2	-0.1-9.99900	-.9999E+04	1.19545	0.1721E-01	100.2
326	490.5	1071.5	-0.1-9.99900	-.9999E+04	1.19532	0.1709E-01	100.6

327	209.5						
327	204.5	609.6	0.3	0.49533	0.1910E-02	1.17359	0.1734E-02
327	205.0	609.7	0.3	0.49832	0.1962E-02	1.17364	0.1783E-02
327	205.5	610.4	0.0	0.49835	0.1949E-02	1.17361	0.1750E-02
327	206.0	610.6	0.4	0.49835	0.1949E-02	1.17361	0.1750E-02
327	206.5	610.5	0.4	0.49835	0.1936E-02	1.17359	0.1737E-02
327	207.0	610.4	0.4	0.49834	0.1929E-02	1.17357	0.1720E-02
327	207.5	610.0	0.4	0.49841	0.2060E-02	1.17356	0.1714E-02
327	208.0	610.7	0.3	0.49838	0.2001E-02	1.17362	0.2470E-01
327	208.5	610.5	0.4	0.49835	0.1942E-02	1.17361	0.1753E-02
327	209.0	610.1	0.2	0.49837	0.1981E-02	1.17364	0.1694E-02
327	209.5	611.0	0.4	0.49841	0.2053E-02	1.17371	0.1840E-02
327	210.0	610.2	0.4	0.49836	0.1962E-02	1.17353	0.1687E-02
327	220.0	620.0	0.5	0.49842	0.2079E-02	1.17361	0.1754E-02
327	230.0	711.6	0.7	0.49858	0.2411E-02	1.17399	0.2042E-02
327	240.0	837.3	0.8	0.49892	0.3076E-02	1.17452	0.2532E-02
327	250.0	963.6	1.0	0.49916	0.3559E-02	1.17502	0.2957E-02
327	260.0	1078.4	1.4	0.49946	0.4165E-02	1.17538	0.3268E-02
327	270.0	1179.6	1.8	0.49970	0.4654E-02	1.17563	0.3650E-02
327	280.0	1288.3	2.1	0.50009	0.5424E-02	1.17626	0.4034E-02
327	290.0	1391.2	2.3	0.50037	0.6009E-02	1.17674	0.4422E-02
327	300.0	1490.4	2.7	0.50070	0.6674E-02	1.17726	0.4883E-02
327	310.0	1575.2	3.0	0.50089	0.7052E-02	1.17771	0.5250E-02
327	320.0	1655.6	4.1	0.50143	0.8134E-02	1.17945	0.6742E-02
327	330.0	1763.0	4.2	0.50263	0.1095E-01	1.18225	0.9129E-02
327	340.0	1856.2	4.1	0.50365	0.1259E-01	1.18397	0.1060E-01
327	350.0	1944.3	5.4	0.50480	0.1491E-01	1.18591	0.1225E-01
327	351.0	1951.8	5.3	0.50490	0.1510E-01	1.18610	0.1241E-01
327	352.0	1960.1	5.8	0.50502	0.1535E-01	1.18627	0.1256E-01
327	353.0	1968.9	5.5	0.50521	0.1573E-01	1.18646	0.1273E-01
327	354.0	1975.6	5.2	0.50535	0.1601E-01	1.18667	0.1290E-01
327	355.0	1986.1	5.8	0.50557	0.1640E-01	1.18681	0.1302E-01
327	356.0	1997.4	5.5	0.50571	0.1673E-01	1.18708	0.1325E-01
327	357.0	2005.3	5.5	0.50588	0.1707E-01	1.18724	0.1339E-01
327	358.0	2012.2	5.9	0.50597	0.1725E-01	1.18746	0.1357E-01
327	359.0	2019.6	5.8	0.50613	0.1758E-01	1.18760	0.1370E-01
327	360.0	2030.7	5.7	0.50626	0.1784E-01	1.18774	0.1382E-01
327	361.0	2040.1	5.4	0.50629	0.1790E-01	1.18800	0.1404E-01
327	362.0	2049.2	5.8	0.50646	0.1824E-01	1.18813	0.1415E-01
327	363.0	2055.0	6.0	0.50657	0.1847E-01	1.18826	0.1428E-01
327	364.0	2065.0	5.9	0.50671	0.1874E-01	1.18852	0.1448E-01
327	365.0	2073.7	5.7	0.50682	0.1896E-01	1.18862	0.1457E-01
327	366.0	2078.7	6.1	0.50695	0.1923E-01	1.18882	0.1474E-01
327	367.0	2088.1	6.1	0.50711	0.1955E-01	1.18897	0.1488E-01
327	368.0	2099.7	5.6	0.50739	0.2011E-01	1.18919	0.1505E-01
327	369.0	2106.3	6.2	0.50749	0.2031E-01	1.18936	0.1519E-01
327	370.0	2114.4	5.9	0.50766	0.2065E-01	1.18955	0.1536E-01
327	371.0	2120.9	6.2	0.50771	0.2076E-01	1.18969	0.1546E-01
327	372.0	2131.0	6.6	0.50780	0.2094E-01	1.18985	0.1562E-01
327	373.0	2137.6	6.6	0.50790	0.2114E-01	1.18996	0.1571E-01
327	374.0	2149.5	6.4	0.50806	0.2151E-01	1.19016	0.1586E-01
327	375.0	2158.4	7.0	0.50824	0.2152E-01	1.19034	0.1604E-01
327	376.0	2165.5	6.5	0.50829	0.2192E-01	1.19054	0.1620E-01
327	377.0	2188.7	6.6	0.50836	0.2211E-01	1.19064	0.1629E-01
327	378.0	2180.7	6.4	0.50861	0.2237E-01	1.19082	0.1645E-01
327	379.0	2191.2	6.4	0.50885	0.2305E-01	1.19098	0.1656E-01
327	380.0	1540.7	6.8	0.50891	0.2317E-01	1.19121	0.1676E-01
327	381.0	0.0	6.8	0.50900	0.2335E-01	1.19140	0.1694E-01
327	382.0	0.0	7.3	0.50905	0.2344E-01	1.19159	0.1710E-01
327	383.0	0.0	7.1	0.50908	0.2351E-01	1.19168	0.8638E-02

327	384.0	0.0	7.0	0.50920	0.2367E-01	1.19193	0.1739E-01	50.4
327	385.0	0.0	7.1	0.50941	0.2417E-01	1.19214	0.1757E-01	50.3
327	386.0	0.0	7.4	0.50945	0.2426E-01	1.19229	0.1767E-01	50.6
327	387.0	0.0	3.3	0.50959	0.2453E-01	1.19229	0.1770E-01	51.3
327	388.0	2115.9	0.2	0.50911	0.2357E-01	1.19115	0.1672E-01	51.4
327	389.0	1966.6	0.2	0.50863	0.2261E-01	1.19009	0.1582E-01	51.3
327	390.0	1841.0	0.3	0.50846	0.2226E-01	1.18921	0.1507E-01	51.3
327	391.0	1732.1	0.3	0.50820	0.2174E-01	1.18858	0.1453E-01	51.0
327	392.0	1656.6	0.2	0.50805	0.2145E-01	1.18823	0.1424E-01	51.5
327	393.0	1600.0	0.0	0.50809	0.2151E-01	1.18840	0.1436E-01	51.2

323	347.5						
324	342.5	592.4	0.9	0.49255	0.1824E-02	1.16706	0.1626E-02
328	343.0	593.1	0.6	0.49855	0.1830E-02	1.16649	0.1563E-02
377	343.5	593.0	0.5	0.49855	0.1824E-02	1.16705	0.1616E-02
31	344.0	593.4	0.4	0.49857	0.1863E-02	1.16707	0.1633E-02
328	344.5	593.5	0.4	0.49856	0.1862E-02	1.16702	0.1540E-02
328	345.0	594.2	0.5	0.49861	0.1950E-02	1.16704	0.1600E-02
328	345.5	595.8	0.7	0.49856	0.1843E-02	1.16707	0.1635E-02
328	346.0	597.2	0.5	0.49857	0.1856E-02	1.16700	0.1577E-02
328	346.5	597.8	0.5	0.49857	0.1863E-02	1.16709	0.1646E-02
328	347.0	599.5	0.7	0.49854	0.1804E-02	1.16710	0.1663E-02
328	347.5	601.1	0.7	0.49858	0.1896E-02	1.16709	0.1647E-02
328	348.0	603.9	0.8	0.49859	0.1904E-02	1.16710	0.1650E-02
328	358.0	699.5	1.2	0.49862	0.2378E-02	1.16752	0.2020E-02
328	368.0	829.2	1.3	0.49914	0.3004E-02	1.16800	0.2433E-02
328	378.0	950.1	1.2	0.49943	0.3569E-02	1.16841	0.2786E-02
328	388.0	1071.1	1.6	0.49984	0.4410E-02	1.16877	0.3096E-02
328	398.0	1174.0	1.9	0.50017	0.5087E-02	1.16919	0.3450E-02
328	408.0	1243.5	2.0	0.50062	0.5980E-02	1.16952	0.3733E-02
328	418.0	1385.3	2.5	0.50119	0.7139E-02	1.16993	0.4086E-02
328	428.0	1485.6	3.2	0.50207	0.8692E-02	1.17010	0.4230E-02
328	424.0	1495.6	3.2	0.50231	0.9374E-02	1.17000	0.4194E-02
324	430.0	1504.5	3.2	0.50240	0.9556E-02	1.17017	0.4290E-02
328	431.0	1513.6	3.1	0.50262	0.1001E-01	1.17016	0.4284E-02
328	432.0	1522.8	2.9	0.50266	0.1008E-01	1.17014	0.4264E-02
328	433.0	1532.1	2.8	0.50290	0.1057E-01	1.17008	0.4214E-02
328	434.0	1540.2	2.9	0.50311	0.1100E-01	1.17011	0.4243E-02
328	435.0	1547.9	2.8	0.50344	0.1165E-01	1.17013	0.4263E-02
328	436.0	1554.7	3.4	0.50372	0.1222E-01	1.17000	0.4146E-02
3	437.0	1562.2	3.4	0.50409	0.1296E-01	1.17015	0.4279E-02
328	438.0	1569.6	3.1	0.50446	0.1371E-01	1.17019	0.4304E-02
328	439.0	1577.3	3.1	0.50499	0.1476E-01	1.17030	0.4409E-02
328	440.0	1584.6	3.7	0.50566	0.1612E-01	1.17011	0.4243E-02
328	441.0	1592.4	3.6	0.50637	0.1754E-01	1.17024	0.4353E-02
328	442.0	1601.2	3.6	0.50719	0.1920E-01	1.17036	0.4454E-02
328	443.0	1610.0	3.7	0.50813	0.2107E-01	1.17055	0.4619E-02
328	444.0	1616.3	3.9	0.50896	0.2275E-01	1.17070	0.4747E-02
328	445.0	1624.9	3.7	0.51022	0.2527E-01	1.17091	0.4926E-02
328	446.0	1633.5	3.8	0.51219	0.2924E-01	1.17109	0.5086E-02
328	447.0	1643.9	4.1	0.51398	0.3282E-01	1.17134	0.5299E-02
328	448.0	1653.8	3.9	0.51630	0.3750E-01	1.17167	0.5579E-02
328	449.0	1664.1	4.2-9.99900	-0.9999E+04	1.17191	0.5788E-02	398.7
328	450.0	1675.2	4.2-9.99900	-0.9999E+04	1.17217	0.6009E-02	398.6
328	451.0	1686.2	4.3-9.99900	-0.9994E+04	1.17254	0.6329E-02	398.3
328	452.0	1699.7	4.5-9.99900	-0.9994E+04	1.17287	0.6609E-02	398.2
328	453.0	1711.9	5.4-9.99900	-0.9949E+04	1.17334	0.6436E-02	393.9
328	454.0	1670.7	4.1-9.99900	-0.9949E+04	1.16384	-0.1136E-02	369.5
328	455.0	1646.5	5.9-9.99900	-0.9999E+04	1.16501	-0.1360E-03	371.0
328	456.0	1696.2	5.5-9.99900	-0.9999E+04	1.16656	0.1213E-02	411.1
328	457.0	1740.2	6.7-9.99900	-0.9994E+04	1.16777	0.2236E-02	413.8
328	458.0	1761.4	4.3-9.99900	-0.9999E+04	1.16632	0.2710E-02	415.5
328	459.0	1774.2	2.3-9.99900	-0.9999E+04	1.16401	0.3300E-02	416.0
328	460.0	1710.7	0.2-9.99900	-0.9999E+04	1.16843	0.2800E-02	416.7
328	461.0	1636.1	0.0-9.99900	-0.9999E+04	1.16925	0.2643E-02	417.1

429	836.5	1561.4	2.7	0.50280	0.1153E-01	1.17420	-.2629E-03	198.4
429	837.0	1562.3	2.7	0.50285	0.1145E-01	1.17420	-.2663E-03	198.5
429	837.5	1562.4	2.7	0.50297	0.1147E-01	1.17412	-.3324E-03	198.4
429	838.0	1562.7	3.1	0.50294	0.1143E-01	1.17412	-.3550E-03	198.7
429	838.5	1564.1	2.8	0.50289	0.1173E-01	1.17406	-.3620E-03	198.7
429	839.0	1564.2	3.0	0.50301	0.1198E-01	1.17412	-.3350E-03	198.5
429	839.5	1565.5	2.9	0.50367	0.1209E-01	1.17403	-.4117E-03	198.5
429	840.0	1566.5	2.8	0.50304	0.1203E-01	1.17399	-.4447E-03	198.4
429	840.5	1567.3	3.0	0.50317	0.1225E-01	1.17393	-.4976E-03	198.7
429	841.0	1568.4	2.9	0.50320	0.1235E-01	1.17407	-.3753E-03	198.3
429	841.5	1568.9	3.0	0.50315	0.1225E-01	1.17400	-.4346E-03	198.6
429	842.0	1569.9	2.7	0.50319	0.1233E-01	1.17394	-.4910E-03	198.3
429	842.5	1570.4	2.8	0.50324	0.1243E-01	1.17397	-.4560E-03	198.4
429	843.0	1571.4	2.8	0.50340	0.1276E-01	1.17389	-.5274E-03	198.6
429	843.5	1571.1	2.4	0.50322	0.1250E-01	1.17387	-.5672E-03	198.2
429	844.0	1572.4	3.0	0.50340	0.1274E-01	1.17384	-.5700E-03	198.5
429	844.5	1574.1	2.8	0.50339	0.1272E-01	1.17383	-.5770E-03	198.0
429	845.0	1575.3	2.6	0.50336	0.1270E-01	1.17382	-.5864E-03	198.6
429	845.5	1575.8	2.9	0.50340	0.1278E-01	1.17389	-.5340E-03	198.5
429	846.0	1575.6	2.8	0.50357	0.1308E-01	1.17370	-.6694E-03	198.5
429	846.5	1577.2	2.4	0.50359	0.1312E-01	1.17370	-.6694E-03	198.5
429	847.0	1578.5	2.9	0.50356	0.1307E-01	1.17365	-.7324E-03	198.5
429	847.5	1578.2	2.6	0.50366	0.1327E-01	1.17369	-.7026E-03	198.6
429	848.0	1579.4	2.5	0.50372	0.1336E-01	1.17366	-.7291E-03	198.5
429	848.5	1580.6	3.0	0.50374	0.1342E-01	1.17361	-.7721E-03	198.5
429	849.0	1581.2	2.6	0.50354	0.1363E-01	1.17368	-.7126E-03	198.3
429	849.5	1582.2	2.9	0.50363	0.1360E-01	1.17356	-.8085E-03	198.4
429	850.0	1582.6	2.7	0.50376	0.1347E-01	1.17355	-.8216E-03	198.0
429	850.5	1583.7	2.5	0.50395	0.1385E-01	1.17355	-.8217E-03	198.5
429	851.0	1583.9	3.0	0.50389	0.1373E-01	1.17354	-.6315E-03	198.4
429	851.5	1585.5	3.0	0.50405	0.1406E-01	1.17356	-.8150E-03	198.6
429	852.0	1586.9	2.7	0.50407	0.1409E-01	1.17347	-.8845E-03	198.3
429	852.5	1587.6	3.0	0.50405	0.1405E-01	1.17340	-.9446E-03	198.4
429	853.0	1588.5	3.2	0.50413	0.1422E-01	1.17345	-.9076E-03	198.6
429	853.5	1589.1	2.9	0.50423	0.1441E-01	1.17340	-.9473E-03	198.5
429	854.0	1590.8	3.1	0.50439	0.1474E-01	1.17338	-.9638E-03	198.5
429	854.5	1591.2	3.0	0.50429	0.1453E-01	1.17345	-.9643E-03	198.2
429	855.0	1591.7	2.9	0.50439	0.1474E-01	1.17336	-.9771E-03	198.6
429	855.5	1592.6	2.7	0.50433	0.1462E-01	1.17333	-.1007E-02	198.4
429	856.0	1592.6	2.7	0.50447	0.1490E-01	1.17333	-.1004E-02	198.2
429	856.5	1593.6	2.8	0.50449	0.1495E-01	1.17974	0.4452E-02	198.6
429	857.0	1593.4	2.8	0.50444	0.1483E-01	1.17331	-.1023E-02	198.5
429	857.5	1595.2	2.8	0.50441	0.1478E-01	1.17330	-.1037E-02	198.5
429	858.0	1595.5	2.7	0.50444	0.1492E-01	1.17323	-.1053E-02	198.3
429	858.5	1597.0	2.6	0.50456	0.1513E-01	1.17321	-.1109E-02	198.5
429	859.0	1598.2	2.8	0.50476	0.1548E-01	1.17322	-.1103E-02	198.6
429	859.5	1598.5	3.2	0.50460	0.1517E-01	1.17326	-.1076E-02	198.3
429	860.0	1599.3	2.7	0.50460	0.1517E-01	1.17315	-.1113E-02	198.6
429	860.5	1600.5	3.1	0.50462	0.1521E-01	1.17327	-.1060E-02	198.4
429	861.0	1600.8	2.6	0.50464	0.1525E-01	1.17330	-.1030E-02	198.5
429	861.5	1602.2	2.9	0.50476	0.1548E-01	1.17313	-.1175E-02	198.4
429	862.0	1602.5	2.7	0.50466	0.1527E-01	1.17324	-.1043E-02	198.2
429	862.5	1603.5	2.7	0.50492	0.1560E-01	1.17317	-.1142E-02	198.2
429	863.0	1604.2	2.9	0.50471	0.1537E-01	1.17314	-.1172E-02	198.5
429	863.5	1605.4	2.9	0.50482	0.1561E-01	1.17323	-.1093E-02	198.0
429	864.0	1606.4	2.9	0.50486	0.1564E-01	1.17313	-.1179E-02	198.3
429	864.5	1606.4	2.7	0.50476	0.1548E-01	1.17307	-.1232E-02	198.6
429	865.0	1608.0	2.9	0.50486	0.1573E-01	1.17307	-.1288E-02	198.5
429	865.5	1608.3	2.6	0.50502	0.1600E-01	1.17304	-.1252E-02	198.4
429	866.0	1609.7	3.2	0.50510	0.1618E-01	1.17303	-.1265E-02	198.6

429	866.5	1610.5	2.9	0.50521	0.1640E-01	1.17306	-.1235E-02	198.4
429	867.0	1610.6	3.1	0.50526	0.1644E-01	1.17309	-.1209E-02	198.4
429	867.5	1610.7	3.2	0.50519	0.1634E-01	1.17303	-.1261E-02	198.5
429	868.0	1612.0	2.9	0.50521	0.1636E-01	1.17300	-.1266E-02	198.5
429	868.5	1613.1	3.2	0.50536	0.1673E-01	1.17288	-.1367E-02	198.4
429	869.0	1613.0	2.9	0.50523	0.1642E-01	1.17277	-.1400E-02	198.3
429	869.5	1614.8	3.4	0.50551	0.1698E-01	1.17265	-.1552E-02	198.3
429	870.0	1615.2	3.1	0.50540	0.1676E-01	1.17261	-.1619E-02	198.5
429	870.5	1616.4	2.8	0.50560	0.1716E-01	1.17247	-.1572E-02	198.5
429	871.0	1616.5	3.1	0.50551	0.1700E-01	1.17256	-.1646E-02	198.4
429	871.5	1616.7	2.9	0.50565	0.1727E-01	1.17255	-.1648E-02	198.2
429	872.0	1617.9	2.8	0.50562	0.1722E-01	1.17258	-.1645E-02	198.2
429	872.5	1619.2	3.0	0.50546	0.1689E-01	1.17259	-.1635E-02	198.3
429	873.0	1619.2	3.0	0.50557	0.1711E-01	1.17256	-.1666E-02	198.3
429	873.5	1618.5	2.6	0.50530	0.1757E-01	1.17281	-.1453E-02	198.4
429	874.0	1620.2	2.8	0.50556	0.1710E-01	1.16273	-.1603E-01	198.6
429	874.5	1622.1	2.9	0.50579	0.1756E-01	1.17334	-.1600E-02	198.6
429	875.0	1623.3	3.1	-9.99900	-.9999E+04	1.17339	-.9539E-03	198.6
429	875.5	1624.8	2.8	-9.99900	-.9999E+04	1.17350	-.8580E-03	198.4
429	876.0	1624.8	2.9	-9.99900	-.9999E+04	1.17374	-.6596E-03	198.6
429	876.5	1625.4	3.1	-9.99900	-.9999E+04	1.17398	-.4514E-03	198.5
429	877.0	1625.7	2.8	-9.99900	-.9999E+04	1.17406	-.3820E-03	198.3
429	877.5	1626.2	3.0	-9.99900	-.9999E+04	1.17410	-.3486E-03	198.0
429	878.0	1627.3	2.6	-9.99900	-.9999E+04	1.17434	-.1438E-03	198.6
429	878.5	1628.9	3.2	-9.99900	-.9999E+04	1.16869	-.4655E-02	197.9
429	879.0	1629.5	2.8	-9.99900	-.9999E+04	1.15025	-.2066E-01	198.5
429	879.5	1628.7	3.0	-9.99900	-.9999E+04	1.13468	-.3374E-01	198.4
429	880.0	1630.5	3.0	-9.99900	-.9999E+04	1.16472	-.4078E-02	198.6
429	880.5	1632.1	3.1	-9.99900	-.9999E+04	1.17001	-.3834E-02	198.6
429	881.0	1634.0	2.9	-9.99900	-.9999E+04	1.17037	-.3523E-02	198.5
429	881.5	1634.7	2.8	-9.99900	-.9999E+04	1.17096	-.3027E-02	198.7
429	882.0	1634.4	2.9	-9.99900	-.9999E+04	1.17112	-.2888E-02	198.5
429	882.5	1635.4	2.9	-9.99900	-.9999E+04	1.17085	-.3120E-02	198.5
429	883.0	1636.6	3.1	-9.99900	-.9999E+04	1.17111	-.2495E-02	197.8
429	883.5	1636.7	3.4	-9.99900	-.9999E+04	1.17149	-.2571E-02	198.3
429	884.0	1637.3	3.0	-9.99900	-.9999E+04	1.17278	-.1473E-02	198.6
429	887.5	1643.2	3.1	0.50776	0.2152E-01	-9.99900	-.9999E+04	198.3
429	888.0	1644.4	3.3	0.50803	0.2267E-01	-9.99900	-.9999E+04	198.2
429	888.5	1645.9	3.3	0.50833	0.2267E-01	-9.99900	-.9999E+04	198.5
429	889.0	1646.0	3.5	0.50873	0.2348E-01	-9.99900	-.9999E+04	198.5
429	889.5	1646.4	3.1	0.50838	0.2277E-01	-9.99900	-.9999E+04	198.5
429	890.0	1647.8	3.1	0.50894	0.2388E-01	-9.99900	-.9999E+04	198.2
429	890.5	1649.0	3.3	0.50894	0.2390E-01	-9.99900	-.9999E+04	198.6
429	891.0	1648.8	3.2	0.50925	0.2451E-01	-9.99900	-.9999E+04	198.4
429	891.5	1649.9	3.2	0.50499	0.2600E-01	-9.99900	-.9999E+04	198.2
429	892.0	1650.4	3.3	0.50982	0.2586E-01	-9.99900	-.9999E+04	198.4
429	892.5	1652.5	3.2	0.51006	0.2618E-01	-9.99900	-.9999E+04	198.4
429	893.0	1653.2	3.1	0.51111	0.2825E-01	-9.99900	-.9999E+04	198.2
429	893.5	1654.5	2.6	0.51105	0.2813E-01	-9.99900	-.9999E+04	198.5
429	894.0	1655.0	3.4	0.51114	0.2632E-01	-9.99900	-.9999E+04	198.7
429	894.5	1654.7	3.2	0.51127	0.2588E-01	-9.99900	-.9999E+04	198.3
429	895.0	1655.2	3.3	0.51082	0.2766E-01	-9.99900	-.9999E+04	198.0
429	895.5	1656.2	3.3	0.51174	0.2953E-01	-9.99900	-.9999E+04	198.4
429	896.0	1657.2	3.0	0.51131	0.2867E-01	-9.99900	-.9999E+04	198.5
429	896.5	1658.9	3.0	0.51126	0.2855E-01	-9.99900	-.9999E+04	198.4
429	897.0	1659.4	3.0	0.51157	0.2919E-01	-9.99900	-.9999E+04	198.3
429	897.5	1660.5	3.3	0.51152	0.2907E-01	-9.99900	-.9999E+04	198.4
429	898.0	1660.8	3.1	0.51207	0.3018E-01	-9.99900	-.9999E+04	198.3
429	898.5	1661.9	3.2	0.51242	0.3089E-01	-9.99900	-.9999E+04	198.1
429	899.0	1662.8	3.1	0.51275	0.3156E-01	-9.99900	-.9999E+04	198.2

429	899.5	1663.2	3.3 0.51290	0.3203E-01=0.99900	-.9999E+04	198.7
429	900.0	1665.1	2.9 0.51316	0.3237E-01=0.99900	-.9999E+04	198.3
429	900.5	1665.0	3.1 0.51313	0.3232E-01=0.99900	-.9999E+04	198.2
429	901.0	1665.1	2.9 0.51323	0.3252E-01=0.99900	-.9999E+04	198.2
29	902.0	1666.7	2.8 0.51379	0.3375E-01=0.99900	-.9999E+04	198.4
429	904.0	1671.1	3.3=9.99900	-.9999E+04=0.99900	-.9999E+04	198.5
429	910.5	1682.5	3.4=9.99900	-.9999E+04=0.99900	-.9999E+04	198.3
429	933.0	1719.3	3.3=9.99900	-.9999E+04 1.16607	0.1154E-01	198.3
429	951.0	1759.0	3.3=9.99900	-.9999E+04 1.16324	-.9503E-02	198.5
429	951.5	1762.1	3.0=9.99900	-.9999E+04 1.16179	-.1083E-01	198.2
429	952.0	1772.5	3.5=9.99900	-.9999E+04 1.16339	-.9468E-02	198.2
429	952.5	1627.3	4.3=9.99900	-.9999E+04 1.16334	-.9514E-02	183.2
429	953.0	1643.1	6.0=9.99900	-.9999E+04 1.16533	-.7614E-02	177.7
429	953.5	1707.1	6.2=9.99900	-.9999E+04 1.16337	-.9486E-02	172.6
429	954.0	1778.5	4.3=9.99900	-.9999E+04 1.16237	-.1034E-01	175.3
429	954.5	1830.4	2.5=9.99900	-.9999E+04 1.16224	-.1045E-01	177.5
429	955.0	1830.2	1.2=9.99900	-.9999E+04 1.16194	-.1066E-01	179.5
429	955.5	1797.9	1.2=9.99900	-.9999E+04 1.16187	-.1076E-01	181.1
429	956.0	1745.4	1.8=9.99900	-.9999E+04 1.16181	-.1098E-01	183.0
429	956.5	1755.5	2.9=9.99900	-.9999E+04 1.16160	-.1100E-01	184.5
429	957.0	1771.1	3.0=9.99900	-.9999E+04 1.16152	-.1106E-01	186.1
429	957.5	1788.8	2.4=9.99900	-.9999E+04 1.16144	-.1113E-01	187.6
429	958.0	1795.6	2.1=9.99900	-.9999E+04 1.16116	-.1137E-01	189.7
429	958.5	1788.9	2.0=9.99900	-.9999E+04 1.16358	-.2034E-01	189.6
429	959.0	1755.1	-0.0=9.99900	-.9999E+04 1.16124	-.1130E-01	191.3

430	347.0	593.9	0.3	0.49846	0.2170E-02	1.17870	0.1673E-02	200.1
430	347.5	598.6	0.6	0.49843	0.2099E-02	1.17869	0.1663E-02	199.9
430	348.0	603.1	0.6	0.49844	0.2125E-02	1.17878	0.1742E-02	199.7
430	348.5	607.0	0.0	0.49847	0.2190E-02	1.17878	0.1739E-02	200.0
430	349.0	612.0	0.2	0.49843	0.2112E-02	1.17876	0.1726E-02	200.1
430	349.5	616.9	0.3	0.49841	0.2073E-02	1.17869	0.1667E-02	199.9
430	350.0	621.5	0.7	0.49843	0.2105E-02	1.17873	0.1696E-02	199.9
430	350.5	626.5	0.4	0.49847	0.2133E-02	1.17883	0.1785E-02	200.0
430	351.0	632.1	0.5	0.49848	0.2209E-02	1.17884	0.1789E-02	200.2
430	351.5	637.6	0.5	0.49854	0.2320E-02	1.17886	0.1812E-02	199.9
430	352.0	643.5	0.7	0.49851	0.2260E-02	1.17889	0.1835E-02	199.9
430	352.5	648.9	0.0	0.49849	0.2235E-02	1.17893	0.1871E-02	199.9
430	353.0	654.7	0.8	0.49855	0.2346E-02	1.17898	0.1911E-02	200.0
430	353.5	658.8	0.6	0.49856	0.2366E-02	1.17891	0.1854E-02	199.8
430	354.0	664.8	0.9	0.49858	0.2403E-02	1.17895	0.1889E-02	200.0
430	354.5	670.3	0.3	0.49861	0.2477E-02	1.17903	0.1950E-02	200.0
430	355.0	675.9	0.7	0.49857	0.2385E-02	1.17903	0.1957E-02	200.1
430	355.5	681.4	0.6	0.49856	0.2386E-02	1.17901	0.1934E-02	199.7
430	356.0	687.8	0.4	0.49863	0.2516E-02	1.17912	0.2030E-02	199.9
430	356.5	693.1	0.5	0.49856	0.2372E-02	1.17904	0.1964E-02	199.6
430	357.0	698.8	0.5	0.49819	0.1616E-02	1.17906	0.1980E-02	199.7
430	357.5	704.6	0.6	0.49863	0.2503E-02	1.17915	0.2053E-02	199.6
430	358.0	710.9	0.8	0.49866	0.2568E-02	1.17912	0.2026E-02	199.5
430	358.5	715.2	0.6	0.49870	0.2646E-02	1.17919	0.2089E-02	199.7
430	359.0	722.0	0.5	0.49866	0.2561E-02	1.17920	0.2096E-02	199.6
430	359.5	727.7	0.8	0.49870	0.2646E-02	1.17924	0.2132E-02	199.9
430	360.0	734.0	0.2	0.49870	0.2646E-02	1.17924	0.2135E-02	199.8
430	360.5	739.9	0.6	0.49868	0.2607E-02	1.17922	0.2115E-02	199.9
430	361.0	744.2	0.8	0.49866	0.2568E-02	1.17924	0.2132E-02	199.5
430	361.5	750.1	0.6	0.49871	0.2672E-02	1.17928	0.2162E-02	199.7
430	362.0	755.5	0.3	0.49874	0.2737E-02	1.17928	0.2165E-02	199.5
430	362.5	760.6	0.7	0.49875	0.2757E-02	1.17929	0.2175E-02	199.6
430	363.0	766.5	0.5	0.49877	0.2783E-02	1.17933	0.2206E-02	199.7
430	363.5	772.4	0.4	0.49878	0.2809E-02	1.17935	0.2221E-02	199.7
430	364.0	778.6	0.5	0.49877	0.2789E-02	1.17931	0.2195E-02	199.3
430	364.5	784.2	0.1	0.49882	0.2894E-02	1.17939	0.2261E-02	199.5
430	365.0	790.1	0.0	0.49881	0.2874E-02	1.17940	0.2271E-02	199.8
430	365.5	794.9	0.5	0.49885	0.2952E-02	1.17944	0.2300E-02	199.4
430	366.0	800.3	0.7	0.49885	0.2946E-02	1.17951	0.2360E-02	199.5
430	366.5	805.6	0.4	0.49890	0.3044E-02	1.17947	0.2327E-02	199.5
430	367.0	811.2	0.5	0.49898	0.3018E-02	1.17949	0.2343E-02	199.5
430	367.5	817.4	0.6	0.49892	0.3089E-02	1.17949	0.2343E-02	199.6
430	368.0	822.3	0.5	0.49897	0.2985E-02	1.17948	0.2340E-02	199.3
430	368.5	827.3	0.5	0.49890	0.3057E-02	1.17950	0.2356E-02	199.3
430	369.0	833.4	0.6	0.49895	0.3146E-02	1.17961	0.2442E-02	199.5
430	369.5	838.8	0.5	0.49895	0.3148E-02	1.17960	0.2436E-02	199.6
430	370.0	844.6	0.6	0.49896	0.3174E-02	1.17963	0.2462E-02	199.3
430	370.5	849.9	0.7	0.49895	0.3154E-02	1.17962	0.2455E-02	199.3
430	371.0	855.6	0.5	0.49893	0.3115E-02	1.17962	0.2452E-02	199.6
430	371.5	860.5	0.7	0.49899	0.3226E-02	1.17964	0.2469E-02	199.5
430	372.0	865.9	0.9	0.49903	0.3311E-02	1.17969	0.2516E-02	199.5
430	372.5	870.8	0.5	0.49904	0.3343E-02	1.17975	0.2567E-02	199.4
430	373.0	877.0	0.9	0.49904	0.3337E-02	1.17975	0.2564E-02	199.3
430	373.5	881.8	0.6	0.49897	0.3200E-02	1.17975	0.2567E-02	199.0
430	374.0	886.7	1.1	0.49900	0.3259E-02	1.17977	0.2581E-02	199.4
430	374.5	891.6	0.9	0.49904	0.3324E-02	1.17983	0.2634E-02	199.4
430	375.0	897.3	0.8	0.49910	0.3448E-02	1.17982	0.2624E-02	199.3
430	375.5	903.1	0.7	0.49901	0.3272E-02	1.17976	0.2577E-02	199.6
430	376.0	906.9	0.7	0.49903	0.3323E-02	1.17975	0.2564E-02	198.9
430	376.5	911.8	1.2	0.49903	0.3304E-02	1.17987	0.2667E-02	199.4

430	377.0	918.3	0.6	0.49910	0.3461E-02	1.17494	0.2729E-02	199.3
430	377.5	923.9	1.1	0.49913	0.3506E-02	1.17491	0.2703E-02	199.2
430	378.0	928.8	1.1	0.49913	0.3513E-02	1.18002	0.2799E-02	199.3
430	378.5	932.9	0.9	0.49911	0.3467E-02	1.17496	0.2746E-02	199.5
30	379.0	938.6	1.1	0.49916	0.3578E-02	1.17992	0.2706E-02	199.4
430	379.5	944.4	0.9	0.49914	0.3525E-02	1.17994	0.2726E-02	199.4
430	380.0	949.3	0.6	0.49914	0.3525E-02	1.17994	0.2729E-02	199.3
430	380.5	954.6	1.1	0.49915	0.3552E-02	1.17999	0.2772E-02	199.0
430	381.0	960.0	0.9	0.49923	0.3715E-02	1.18006	0.2845E-02	199.3
430	381.5	964.6	0.6	0.49923	0.3715E-02	1.18011	0.2874E-02	199.0
430	382.0	970.9	1.0	0.49929	0.3832E-02	1.18010	0.2864E-02	199.2
430	382.5	974.3	0.8	0.49925	0.3781E-02	1.18007	0.2835E-02	199.2
430	383.0	982.1	0.6	0.49929	0.3834E-02	1.18009	0.2855E-02	199.2
430	383.5	987.2	0.8	0.49925	0.3754E-02	1.18011	0.2874E-02	199.2
430	384.0	991.8	0.7	0.49928	0.3813E-02	1.18015	0.2901E-02	199.1
430	384.5	997.8	0.7	0.49929	0.3832E-02	1.18015	0.2907E-02	199.0
430	385.0	1002.7	0.5	0.49931	0.3884E-02	1.18017	0.2924E-02	199.1
430	385.5	1008.0	1.0	0.49929	0.3839E-02	1.18022	0.2967E-02	199.0
430	386.0	1011.7	0.8	0.49935	0.3956E-02	1.18026	0.2997E-02	199.0
430	386.5	1016.5	0.4	0.49932	0.3904E-02	1.18028	0.3016E-02	198.9
430	387.0	1021.3	1.0	0.49937	0.3995E-02	1.18025	0.2990E-02	198.8
430	387.5	1026.2	0.8	0.49937	0.3995E-02	1.18029	0.3026E-02	199.2
430	387.5	1026.2	0.8	0.49937	0.3995E-02	1.18029	0.3026E-02	199.2
430	388.0	1030.8	0.6	0.49940	0.4054E-02	1.18023	0.2977E-02	198.4
430	388.5	1036.6	0.7	0.49944	0.4145E-02	1.18039	0.3109E-02	199.0
430	389.0	1040.7	0.9	0.49943	0.4119E-02	1.18031	0.3043E-02	198.9
430	389.5	1046.2	0.5	0.49944	0.4210E-02	1.18037	0.3096E-02	198.8
430	390.0	1050.2	0.7	0.49947	0.4197E-02	1.18040	0.3115E-02	199.0
430	390.5	1055.3	0.4	0.49948	0.4223E-02	1.18046	0.3168E-02	198.9
430	391.0	1059.8	1.0	0.49947	0.4197E-02	1.18049	0.3191E-02	198.8
30	391.5	1064.7	0.7	0.49952	0.4302E-02	1.18046	0.3168E-02	198.9
430	392.0	1069.9	0.8	0.49953	0.4321E-02	1.18044	0.3152E-02	199.0
430	392.5	1073.9	1.0	0.49962	0.4490E-02	1.18042	0.3135E-02	198.6
430	393.0	1079.4	0.9	0.49961	0.4471E-02	1.18051	0.3208E-02	198.9
430	393.5	1082.6	0.7	0.49956	0.4425E-02	1.18053	0.3224E-02	198.8
430	394.0	1087.3	0.9	0.49960	0.4451E-02	1.18054	0.3234E-02	198.8
430	394.5	1092.0	0.8	0.49962	0.4490E-02	1.18055	0.3247E-02	198.4
430	395.0	1096.5	1.1	0.49964	0.4543E-02	1.18055	0.3244E-02	198.9
430	395.5	1101.3	0.7	0.49963	0.4510E-02	1.20038	0.2010E-01	198.7
430	396.0	1106.7	1.1	0.49967	0.4601E-02	1.18062	0.3300E-02	198.9
430	396.5	1112.1	1.4	0.49963	0.4517E-02	1.18057	0.3261E-02	198.8
430	397.0	1116.5	1.1	0.49966	0.4588E-02	1.18063	0.3317E-02	198.8
430	397.5	1120.8	0.9	0.49967	0.4604E-02	1.18067	0.3346E-02	198.9
430	398.0	1125.4	1.3	0.49973	0.4725E-02	1.18066	0.3353E-02	198.0
430	398.5	1130.3	1.0	0.49969	0.4634E-02	1.18069	0.3366E-02	198.4
430	399.0	1134.9	1.1	0.49978	0.4823E-02	1.18069	0.3353E-02	198.7
430	399.5	1139.9	0.9	0.49977	0.4797E-02	1.18077	0.3345E-02	198.7
430	400.0	1144.6	1.0	0.49976	0.4790E-02	1.18079	0.3452E-02	198.5
430	400.5	1148.6	1.3	0.49977	0.4810E-02	1.18080	0.3455E-02	198.5
430	401.0	1152.8	1.4	0.49982	0.4895E-02	1.18079	0.3452E-02	198.6
430	401.5	1156.6	1.3	0.49978	0.4823E-02	1.18080	0.3459E-02	198.6
430	402.0	1161.6	1.3	0.49973	0.4719E-02	1.18085	0.3498E-02	198.7
430	402.5	1165.6	1.1	0.49974	0.4836E-02	1.18086	0.3526E-02	198.5
430	403.0	1171.2	1.3	0.49982	0.4908E-02	1.18091	0.3554E-02	198.4
430	403.5	1177.1	1.0	0.49993	0.4927E-02	1.18088	0.3574E-02	198.8
430	404.0	1180.9	1.4	0.49984	0.4940E-02	1.18088	0.3526E-02	198.7
30	404.5	1183.8	1.3	0.49985	0.4966E-02	1.18093	0.3564E-02	198.2
430	405.0	1189.3	1.4	0.49992	0.5110E-02	1.18093	0.3571E-02	198.0
430	405.5	1193.7	1.3	0.49991	0.5090E-02	1.18105	0.3670E-02	198.0
430	406.0	1199.3	0.9	0.49995	0.5162E-02	1.18103	0.3650E-02	198.4

430	406.5	1205.0	1.2	0.49999	0.5247E-02	1.18107	0.3680E-02	198.4
430	407.0	1209.7	1.3	0.49999	0.5249E-02	1.18106	0.3670E-02	198.4
430	407.5	1214.4	1.4	0.50000	0.5251E-02	1.18109	0.3706E-02	198.5
430	408.0	1216.5	1.5	0.50001	0.5242E-02	1.18116	0.3765E-02	198.6
430	408.5	1223.6	1.4	0.49999	0.5253E-02	1.18112	0.3729E-02	198.6
430	409.0	1227.7	1.5	0.49999	0.5240E-02	1.18113	0.3739E-02	198.4
430	409.5	1232.9	1.6	0.50005	0.5357E-02	1.18116	0.3765E-02	198.5
430	410.0	1237.2	1.1	0.50011	0.5481E-02	1.18116	0.3782E-02	198.7
430	410.5	1242.7	1.2	0.50008	0.5416E-02	1.18121	0.3806E-02	198.5
430	411.0	1247.5	1.1	0.50003	0.5325E-02	1.18123	0.3825E-02	198.5
430	411.5	1252.0	1.4	0.50013	0.5527E-02	1.18122	0.3812E-02	198.6
430	412.0	1256.9	1.5	0.50012	0.5507E-02	1.18888	0.6664E-02	198.0
430	412.5	1262.1	1.4	0.50011	0.5494E-02	1.18131	0.3888E-02	198.1
430	413.0	1266.5	1.3	0.50021	0.5640E-02	1.18131	0.3891E-02	198.3
430	413.5	1271.7	1.4	0.50019	0.5644E-02	1.18132	0.3901E-02	198.5
430	414.0	1276.8	1.2	0.50024	0.5755E-02	1.18138	0.3954E-02	198.5
430	414.5	1281.3	0.8	0.50025	0.5774E-02	1.18143	0.3993E-02	198.2
430	415.0	1285.9	1.3	0.50019	0.5644E-02	1.18145	0.4013E-02	197.8
430	415.5	1290.7	1.3	0.50017	0.5612E-02	1.18144	0.4000E-02	198.3
430	416.0	1294.8	1.5	0.50036	0.5996E-02	1.18151	0.4059E-02	198.4
430	416.5	1299.7	1.5	0.50031	0.5892E-02	1.18156	0.4102E-02	198.5
430	417.0	1304.1	1.3	0.50028	0.5820E-02	1.18159	0.4132E-02	198.3
430	417.5	1308.8	1.5	0.50032	0.5915E-02	1.18152	0.4089E-02	198.2
430	418.0	1313.1	1.3	0.50034	0.6022E-02	1.18164	0.4171E-02	198.2
430	418.5	1317.9	1.5	0.50038	0.6035E-02	1.18163	0.4161E-02	198.2
430	419.0	1322.9	1.4	0.50033	0.5924E-02	1.18167	0.4198E-02	198.4
430	419.5	1327.3	1.7	0.50038	0.6022E-02	1.18168	0.4208E-02	198.1
430	420.0	1331.7	1.5	0.50031	0.5892E-02	1.18171	0.4227E-02	198.4
430	420.5	1335.7	1.4	0.50044	0.6139E-02	1.18174	0.4254E-02	198.4
430	421.0	1340.7	1.9	0.50044	0.6146E-02	1.18182	0.4320E-02	198.0
430	421.5	1347.0	1.4	0.50041	0.6044E-02	1.18181	0.4313E-02	197.8
430	422.0	1350.4	1.5	0.50037	0.6016E-02	1.18176	0.4290E-02	198.2
430	422.5	1355.9	1.5	0.50046	0.6185E-02	1.18185	0.4353E-02	198.1
430	423.0	1359.2	1.8	0.50046	0.6192E-02	1.18185	0.4353E-02	198.1
430	423.5	1363.9	1.7	0.50051	0.6284E-02	1.18186	0.4360E-02	198.0
430	424.0	1368.7	1.7	0.50052	0.6302E-02	1.18196	0.4442E-02	198.2
430	424.5	1373.5	1.8	0.50054	0.6341E-02	1.18197	0.4455E-02	198.2
430	425.0	1378.2	1.5	0.50055	0.6361E-02	1.18208	0.4548E-02	198.0
430	425.5	1382.4	1.8	0.50057	0.6400E-02	1.18204	0.4515E-02	197.6
430	426.0	1385.8	1.5	0.50058	0.6439E-02	1.18217	0.4620E-02	198.1
430	426.5	1390.8	1.2	0.50064	0.6550E-02	1.18216	0.4614E-02	198.1
430	427.0	1395.8	1.8	0.50062	0.6517E-02	1.18215	0.4604E-02	198.2
430	427.5	1400.7	1.7	0.50064	0.6550E-02	1.18221	0.4680E-02	198.2
430	428.0	1404.7	1.7	0.50071	0.6700E-02	1.18220	0.4650E-02	198.3
430	428.5	1409.4	2.1	0.50077	0.6817E-02	1.18226	0.4713E-02	198.0
430	429.0	1414.5	1.9	0.50075	0.6778E-02	1.18231	0.4739E-02	198.1
430	429.5	1418.7	1.8	0.50081	0.6895E-02	1.18247	0.4876E-02	197.8
430	430.0	1422.8	1.6	0.50081	0.6889E-02	1.18237	0.4795E-02	198.1
430	430.5	1426.6	1.9	0.50080	0.6876E-02	1.18244	0.4854E-02	197.6
430	431.0	1430.4	1.6	0.50088	0.7000E-02	1.18243	0.4841E-02	197.9
430	431.5	1435.1	1.8	0.50090	0.7065E-02	1.18253	0.4927E-02	198.0
430	432.0	1438.8	2.0	0.50091	0.7091E-02	1.18255	0.4944E-02	197.7
430	432.5	1444.7	2.0	0.50101	0.7287E-02	1.18265	0.5026E-02	197.9
430	433.0	1449.3	1.9	0.50096	0.7225E-02	1.18264	0.5056E-02	197.7
430	433.5	1453.1	1.9	0.50104	0.7345E-02	1.18277	0.5125E-02	197.6
430	434.0	1458.0	2.0	0.50109	0.7449E-02	1.18277	0.5125E-02	197.8
430	434.5	1462.8	1.9	0.50115	0.7580E-02	1.18293	0.5185E-02	197.7
430	435.0	1466.2	1.9	0.50119	0.7665E-02	1.18293	0.5264E-02	197.6
430	435.5	1470.4	2.1	0.50124	0.7834E-02	1.18296	0.5310E-02	197.4
430	436.0	1474.5	2.1	0.50124	0.7834E-02	1.18302	0.5343E-02	197.8

430	436.5	1479.0	2.0	0.50136	0.4036E-02	1.18308	0.5396E-02	197.9
430	437.0	1483.6	1.8	0.50137	0.8015E-02	1.18307	0.5386E-02	197.1
430	437.5	1487.0	2.1	0.50143	0.6134E-02	1.18310	0.5412E-02	197.7
430	438.0	1491.1	1.7	0.50145	0.8179E-02	1.18321	0.5501E-02	197.7
30	438.5	1494.8	1.6	0.50144	0.6153E-02	1.18328	0.5564E-02	197.9
430	439.0	1499.0	2.2	0.50145	0.8186E-02	1.18340	0.5670E-02	197.4
430	439.5	1502.0	1.5	0.50154	0.8366E-02	1.18340	0.5666E-02	197.7
430	440.0	1507.3	1.9	0.50157	0.8410E-02	1.18345	0.5706E-02	197.5
430	440.5	1511.5	2.2	0.50164	0.8557E-02	1.18347	0.5729E-02	197.7
430	441.0	1515.4	1.4	0.50164	0.8557E-02	1.18356	0.5802E-02	197.5
430	441.5	1518.9	2.1	0.50171	0.8701E-02	1.18359	0.5821E-02	197.5
430	442.0	1522.5	2.4	0.50176	0.8799E-02	1.18363	0.5864E-02	197.5
430	442.5	1525.2	2.1	0.50182	0.8922E-02	1.18374	0.5900E-02	197.6
430	443.0	1529.3	2.4	0.50184	0.8941E-02	1.18370	0.5928E-02	197.5
430	443.5	1534.2	2.2	0.50196	0.9203E-02	1.18380	0.6009E-02	197.3
430	444.0	1537.3	2.2	0.50199	0.9261E-02	1.18391	0.6099E-02	197.7
430	444.5	1541.7	2.1	0.50202	0.9333E-02	1.18392	0.6109E-02	197.6
430	445.0	1545.6	2.2	0.50212	0.9535E-02	1.18397	0.6155E-02	197.6
430	445.5	1548.2	2.5	0.50217	0.9620E-02	1.18405	0.6221E-02	197.3
430	446.0	1551.8	2.5	0.50224	0.9667E-02	1.18411	0.6270E-02	197.2
430	446.5	1555.6	2.4	0.50241	0.1012E-01	1.18423	0.6373E-02	197.5
430	447.0	1557.8	2.8	0.50246	0.1020E-01	1.18423	0.6369E-02	197.8
430	447.5	1561.4	2.9	0.50258	0.1045E-01	1.18431	0.6439E-02	197.5
430	448.0	1564.8	2.1	0.50282	0.1093E-01	1.18440	0.6514E-02	197.8
430	448.5	1568.9	2.4	0.50293	0.1115E-01	1.18444	0.6597E-02	197.5
430	449.0	1572.0	2.0	0.50306	0.1141E-01	1.18452	0.6617E-02	197.5
430	449.5	1578.1	2.7	0.50326	0.1146E-01	1.18468	0.6752E-02	197.5
430	450.0	1581.8	3.1	0.50345	0.1214E-01	1.18476	0.6825E-02	197.0
430	450.5	1584.7	2.3	0.50362	0.1254E-01	1.18498	0.7009E-02	197.3
430	451.0	1587.1	2.8	0.50375	0.1281E-01	1.18503	0.7049E-02	197.3
30	451.5	1591.5	2.2	0.50403	0.1336E-01	1.18519	0.7191E-02	197.5
430	452.0	1595.9	2.1	0.50427	0.1385E-01	1.18533	0.7303E-02	197.0
430	452.5	1600.7	2.5	0.50451	0.1433E-01	1.18551	0.7458E-02	197.3
430	453.0	1605.4	2.9	0.50475	0.1481E-01	1.18560	0.7537E-02	197.3
430	453.5	1608.9	2.8	0.50511	0.1554E-01	1.18583	0.7732E-02	197.5
430	454.0	1612.3	2.8	0.50530	0.1542E-01	1.18593	0.7815E-02	196.9
430	454.5	1616.5	3.0	0.50560	0.1665E-01	1.18607	0.7437E-02	197.0
430	455.0	1621.1	3.0	0.50597	0.1726E-01	1.18624	0.8079E-02	197.1
430	455.5	1626.7	2.7	0.50647	0.1528E-01	1.18650	0.8300E-02	197.2
430	456.0	1631.0	2.9	0.50698	0.1924E-01	1.18682	0.8577E-02	197.1
430	456.5	1634.7	2.9	0.50722	0.1979E-01	1.18688	0.8626E-02	197.1
430	457.0	1639.0	3.2	0.50764	0.2042E-01	1.18705	0.8772E-02	197.0
430	457.5	1643.7	3.2	0.50797	0.2129E-01	1.18722	0.8410E-02	197.3
430	458.0	1648.9	2.8	0.50845	0.2226E-01	1.18727	0.8960E-02	196.8
430	458.5	1653.5	3.1	0.50887	0.2310E-01	1.18760	0.9234E-02	197.3
430	459.0	1657.7	3.5	0.50935	0.2412E-01	1.18793	0.9514E-02	196.7
430	459.5	1661.3	3.2	0.50977	0.2440E-01	1.18818	0.9725E-02	196.4
430	460.0	1663.4	2.7	0.51022	0.2582E-01	1.18836	0.9484E-02	197.1
430	460.5	1663.1	3.1	0.51068	0.2674E-01	1.18860	0.1009E-01	196.4
430	461.0	1664.9	2.6	0.51111	0.2759E-01	1.22194	0.3842E-01	197.0
430	461.5	1668.0	3.5	0.51154	0.2847E-01	1.18415	0.1056E-01	196.8
430	462.0	1675.2	3.2	0.51204	0.2947E-01	1.18600	0.9580E-02	197.0
430	462.5	1684.9	3.4	0.51234	0.3016E-01	1.18790	0.9401E-02	197.1
430	463.0	1691.5	3.2	0.51250	0.3100E-01	1.18816	0.9709E-02	196.9
430	463.5	1698.7	3.1	0.51343	0.3227E-01	1.18875	0.1022E-01	196.8
30	464.0	1703.6	3.3	0.51422	0.3386E-01	1.18279	0.5145E-02	196.8
30	464.5	1710.7	3.1	0.51554	0.3643E-01	0.99400	0.9994E+04	196.4
430	465.0	1716.0	3.1	0.51568	0.3678E-01	0.99400	0.9994E+04	196.7
430	465.5	1719.1	3.5	0.51795	0.4136E-01	0.99400	0.9994E+04	197.0
430	467.5	1734.6	3.0	0.99400	0.9994E+04	1.18758	0.9217E-02	196.7

430	468.0	1740.9	2.8-9.99900	-.9999E+04	1.18445	0.6584E-02	196.8
430	468.5	1752.7	2.9-9.99900	-.9999E+04	1.15282	0.8176E-02	197.0
430	469.0	1775.5	2.7-9.99900	-.9999E+04	1.17594	0.1876E-02	197.0
30	469.5	1448.9	1.1-9.99900	-.9999E+04	1.17375	-.2531E-02	187.9
30	470.0	1163.0	2.9 0.56317	0.1164E-01	1.17939	0.2261E-02	180.2
430	470.5	870.7	0.2-9.99900	-.9999E+04	1.17473	-.1700E-02	169.6
430	471.0	740.0	1.4-9.99900	-.9999E+04	0.99900	-.9999E+04	169.6
430	471.5	675.8	3.6-9.99900	-.9999E+04	1.04072	-.1156E+00	163.1
430	472.0	656.4	7.0-9.99900	-.9999E+04	1.12280	-.4584E-01	161.1

J : Uniaxial Ramp Load Strain Data Zry-4
(In 6.5×10^{-5} atm air)

1	132.5	596.8	605.4	0.43340	1.7632E-03	1.18870	2.2921E-03	0.0
1	133.0	596.6	605.6	0.43337	1.7121E-03	1.18864	2.2429E-03	0.0
1	133.5	595.9	605.6	0.43342	1.8143E-03	1.18867	2.2691E-03	0.0
1	134.0	595.9	608.8	0.43339	1.7571E-03	1.18856	2.1906E-03	0.0
1	134.5	595.7	606.6	0.43342	1.4133E-03	1.18871	2.3019E-03	0.0
1	135.0	595.4	610.5	0.43340	1.7603E-03	1.18865	2.2528E-03	0.0
1	135.5	595.7	610.0	0.43340	1.7633E-03	1.18866	2.2594E-03	0.0
1	136.0	595.3	612.5	0.43340	1.7603E-03	1.18866	2.2593E-03	0.0
1	136.5	595.5	613.4	0.43340	1.7603E-03	1.18867	2.2660E-03	0.0
1	137.0	595.8	613.7	0.43340	1.7758E-03	1.18862	2.2233E-03	0.0
1	137.5	595.4	616.4	0.43341	1.7445E-03	1.18869	2.2855E-03	0.0
1	138.0	594.6	616.8	0.43340	1.7645E-03	1.18866	2.2560E-03	0.0
1	138.5	595.5	617.8	0.43339	1.7608E-03	1.18864	2.2396E-03	0.0
1	139.0	595.4	619.8	0.43338	1.7233E-03	1.18870	2.2453E-03	0.0
1	139.5	595.6	619.5	0.43340	1.7683E-03	1.18868	2.2757E-03	0.0
1	140.0	595.2	620.3	0.43341	1.7983E-03	1.18871	2.2906E-03	0.0
1	140.5	594.8	621.5	0.43341	1.8058E-03	1.18866	2.2561E-03	0.0
1	141.0	595.1	623.7	0.43339	1.7496E-03	1.18867	2.2658E-03	0.0
1	141.5	595.0	622.7	0.43340	1.7796E-03	1.18871	2.2986E-03	0.0
1	142.0	594.9	623.9	0.43338	1.7233E-03	1.18872	2.3065E-03	0.0
1	142.5	594.9	623.4	0.43338	1.7383E-03	1.18872	2.3085E-03	0.0
1	143.0	595.6	625.4	0.43338	1.7383E-03	1.18873	2.3149E-03	0.0
1	143.5	595.7	626.4	0.43340	1.7638E-03	1.18871	2.3019E-03	0.0
1	144.0	595.4	625.6	0.43343	1.7646E-03	1.18873	2.3183E-03	0.0
1	144.5	595.8	626.6	0.43340	1.7758E-03	1.18874	2.3280E-03	0.0
1	145.0	596.0	629.3	0.43339	1.7533E-03	1.18875	2.3313E-03	0.0
1	145.5	595.9	629.1	0.43339	1.7533E-03	1.18877	2.3477E-03	0.0
1	146.0	596.2	632.7	0.43338	1.7308E-03	1.18878	2.3609E-03	0.0
1	146.5	595.7	630.8	0.43340	1.7758E-03	1.18882	2.3969E-03	0.0
1	147.0	596.0	634.9	0.43339	1.7608E-03	1.18881	2.3837E-03	0.0
1	147.5	596.3	634.2	0.43343	1.6433E-03	1.18880	2.3739E-03	0.0
1	148.0	596.4	634.7	0.43332	1.5885E-03	1.18879	2.3640E-03	0.0
1	148.5	597.0	637.9	0.43339	1.7456E-03	1.18879	2.3641E-03	0.0
1	149.0	596.9	636.1	0.43341	1.7483E-03	1.18879	2.3706E-03	0.0
1	149.5	596.9	641.0	0.43339	1.7458E-03	1.18880	2.3805E-03	0.0
1	150.0	597.1	640.5	0.43336	1.6709E-03	1.18884	2.4132E-03	0.0
1	150.5	596.6	640.0	0.43336	1.7159E-03	1.18887	2.4329E-03	0.0
1	151.0	597.6	641.3	0.43338	1.7159E-03	1.18888	2.4460E-03	0.0
1	151.5	597.6	639.6	0.43339	1.7608E-03	1.18890	2.4590E-03	0.0
1	152.0	597.6	644.9	0.43333	1.6635E-03	1.18892	2.4787E-03	0.0
1	152.5	597.9	646.6	0.43337	1.7008E-03	1.18881	2.3837E-03	0.0
1	153.0	598.5	645.7	0.43339	1.7458E-03	1.18890	2.4623E-03	0.0
1	153.5	598.5	647.1	0.43338	1.7154E-03	1.18890	2.4590E-03	0.0
1	154.0	599.2	645.9	0.43337	1.7009E-03	1.18888	2.4427E-03	0.0
1	154.5	599.1	648.6	0.43335	1.6634E-03	1.18893	2.4820E-03	0.0
1	155.0	599.1	649.3	0.43336	1.7383E-03	1.18896	2.5311E-03	0.0
1	155.5	599.8	649.1	0.43335	1.7233E-03	1.18892	2.4787E-03	0.0
1	156.0	599.9	650.8	0.43333	1.6184E-03	1.18892	2.4754E-03	0.0
1	156.5	599.7	651.5	0.43339	1.7458E-03	1.18880	2.3771E-03	0.0
1	157.0	600.2	654.0	0.43340	1.7663E-03	1.18876	2.3575E-03	0.0
1	157.5	600.4	655.4	0.43340	1.7683E-03	1.18881	2.3837E-03	0.0
1	158.0	600.5	655.7	0.43339	1.7533E-03	1.18883	2.4035E-03	0.0
1	158.5	600.7	655.2	0.43332	1.5885E-03	1.18879	2.3641E-03	0.0
1	159.0	600.5	658.1	0.43338	1.7159E-03	1.18889	2.4525E-03	0.0
1	159.5	600.8	657.1	0.43340	1.7758E-03	1.18886	2.4296E-03	0.0
1	160.0	601.0	658.6	0.43340	1.7683E-03	1.18887	2.4329E-03	0.0
1	160.5	600.6	661.8	0.43340	1.7758E-03	1.18890	2.4590E-03	0.0
1	161.0	601.2	662.5	0.43339	1.7608E-03	1.18886	2.4296E-03	0.0
1	161.5	601.7	663.2	0.43337	1.7684E-03	1.18884	2.4499E-03	0.0
1	162.0	602.0	664.2	0.43334	1.7458E-03	1.18888	2.4427E-03	0.0
1	162.5	602.2	663.2	0.43337	1.7008E-03	1.18889	2.4525E-03	0.0
1	163.0	602.6	666.2	0.43333	1.6185E-03	1.18889	2.4526E-03	0.0

1	163.5	602.7	666.7	0.43337	1.7004E-03	1.18890	2.4624E-03	0.0
1	164.0	602.9	669.4	0.43339	1.7533E-03	1.18889	2.4559E-03	0.0
1	164.5	602.3	669.6	0.43339	1.7533E-03	1.18889	2.4493E-03	0.0
1	165.0	602.7	667.4	0.43338	1.7233E-03	1.18893	2.4820E-03	0.0
1	165.5	602.8	671.6	0.43338	1.7383E-03	1.18895	2.5048E-03	0.0
1	166.0	602.9	670.6	0.43339	1.7449E-03	1.18892	2.4787E-03	0.0
1	166.5	602.5	672.8	0.43338	1.7383E-03	1.18493	2.4886E-03	0.0
1	167.0	602.6	674.5	0.43337	1.6934E-03	1.18887	2.4361E-03	0.0
1	167.5	603.1	674.0	0.43337	1.7047E-03	1.18895	2.5050E-03	0.0
1	168.0	602.9	674.5	0.43335	1.6559E-03	1.18894	2.4951E-03	0.0
1	168.5	602.9	676.4	0.43336	1.6859E-03	1.18891	2.4856E-03	0.0
1	169.0	603.1	678.4	0.43339	1.7533E-03	1.18893	2.4885E-03	0.0
1	169.5	602.5	678.6	0.43339	1.7458E-03	1.18895	2.5016E-03	0.0
1	170.0	602.3	678.4	0.43337	1.6934E-03	1.18894	2.4951E-03	0.0
1	170.5	603.4	682.5	0.43338	1.7284E-03	1.18899	2.5344E-03	0.0
1	171.0	602.7	682.3	0.43338	1.7323E-03	1.18894	2.4951E-03	0.0
1	171.5	603.0	679.1	0.43336	1.6860E-03	1.18896	2.5147E-03	0.0
1	172.0	603.4	685.0	0.43338	1.7293E-03	1.18898	2.5311E-03	0.0
1	172.5	602.9	687.2	0.43329	1.5135E-03	1.18898	2.5278E-03	0.0
1	173.0	602.9	686.9	0.43338	1.7369E-03	1.18892	2.4754E-03	0.0
1	173.5	602.8	687.4	0.43342	1.8133E-03	1.18898	2.5245E-03	0.0
1	174.0	603.1	688.9	0.43336	1.6859E-03	1.18898	2.5311E-03	0.0
1	174.5	602.9	687.9	0.43341	1.7408E-03	1.18896	2.5114E-03	0.0
1	175.0	602.8	690.6	0.43335	1.6597E-03	1.18899	2.5377E-03	0.0
1	175.5	602.6	690.8	0.43336	1.6709E-03	1.18898	2.5311E-03	0.0
1	176.0	602.4	691.0	0.43338	1.7234E-03	1.18900	2.5475E-03	0.0
1	176.5	602.7	692.3	0.43336	1.6860E-03	1.18900	2.5443E-03	0.0
1	177.0	602.4	694.0	0.43338	1.7234E-03	1.18899	2.5377E-03	0.0
1	177.5	602.8	696.9	0.43336	1.6859E-03	1.18905	2.5868E-03	0.0
1	178.0	602.1	695.0	0.43337	1.6934E-03	1.18903	2.5737E-03	0.0
1	178.5	603.3	698.4	0.43337	1.7009E-03	1.18902	2.5638E-03	0.0
1	179.0	602.5	696.9	0.43339	1.7398E-03	1.18902	2.5605E-03	0.0
1	179.5	602.4	696.7	0.43338	1.7363E-03	1.18901	2.5540E-03	0.0
1	180.0	602.4	698.4	0.43338	1.7346E-03	1.18905	2.5868E-03	0.0
1	180.5	601.8	701.3	0.43336	1.6904E-03	1.18903	2.5704E-03	0.0
1	181.0	601.9	701.3	0.43335	1.6634E-03	1.18908	2.6129E-03	0.0
1	181.5	601.9	703.5	0.43335	1.6559E-03	1.18903	2.5737E-03	0.0
1	182.0	601.6	704.9	0.43338	1.7159E-03	1.18905	2.5868E-03	0.0
1	182.5	601.2	704.8	0.43339	1.7458E-03	1.18904	2.5770E-03	0.0
1	183.0	601.4	705.3	0.43338	1.7384E-03	1.18903	2.5704E-03	0.0
1	183.5	600.9	708.4	0.43333	1.6110E-03	1.18908	2.6129E-03	0.0
1	184.0	601.3	707.4	0.43335	1.6488E-03	1.18905	2.5901E-03	0.0
1	184.5	600.4	710.9	0.43334	1.6335E-03	1.18906	2.5966E-03	0.0
1	185.0	601.1	710.4	0.43338	1.7308E-03	1.18908	2.6097E-03	0.0
1	185.5	600.6	712.6	0.43333	1.6109E-03	1.18909	2.6195E-03	0.0
1	186.0	600.8	713.3	0.43337	1.7098E-03	1.18905	2.5900E-03	0.0
1	186.5	600.4	710.9	0.43334	1.6335E-03	1.18901	2.5508E-03	0.0
1	187.0	600.6	715.0	0.43334	1.6334E-03	1.18904	2.5770E-03	0.0
1	187.5	600.7	716.0	0.43337	1.6934E-03	1.18910	2.6326E-03	0.0
1	188.0	600.3	716.2	0.43336	1.6709E-03	1.18906	2.5967E-03	0.0
1	188.5	600.4	719.2	0.43331	1.5735E-03	1.18907	2.6063E-03	0.0
1	189.0	599.9	717.2	0.43334	1.6335E-03	1.18910	2.6293E-03	0.0
1	189.5	599.9	721.1	0.43333	1.6185E-03	1.18910	2.6293E-03	0.0
1	190.0	599.8	720.9	0.43335	1.6634E-03	1.18910	2.6326E-03	0.0
1	190.5	599.4	719.7	0.43335	1.6635E-03	1.18912	2.6489E-03	0.0
1	191.0	599.3	723.1	0.43330	1.6021E-03	1.18912	2.6424E-03	0.0
1	191.5	599.3	723.3	0.43338	1.7293E-03	1.18908	2.6162E-03	0.0
1	192.0	599.3	724.5	0.43324	1.4087E-03	1.18912	2.6425E-03	0.0
1	192.5	599.2	726.3	0.43323	1.3786E-03	1.18906	2.5966E-03	0.0
1	193.0	599.1	725.5	0.43324	1.3937E-03	1.18910	2.6260E-03	0.0
1	193.5	599.0	728.4	0.43323	1.3786E-03	1.18912	2.6457E-03	0.0
1	194.0	598.6	728.7	0.43324	1.3437E-03	1.18908	2.6129E-03	0.0
1	194.5	599.0	729.7	0.43322	1.3446E-03	1.18917	2.6883E-03	0.0
1	195.0	597.9	731.4	0.43322	1.3637E-03	1.18917	2.6883E-03	0.0
1	195.5	598.3	732.4	0.43323	1.3786E-03	1.18918	2.6949E-03	0.0
1	196.0	598.0	734.1	0.43324	1.3436E-03	1.18916	2.6784E-03	0.0

1	196.5	599.5	732.8	0.43322	1.3636E-03	1.18912	2.6424E-03	0.0
1	197.0	598.0	732.8	0.43323	1.3786E-03	1.18911	2.6358E-03	0.0
1	197.5	598.0	735.3	0.43322	1.3487E-03	1.18914	2.6588E-03	0.0
1	198.0	598.5	738.7	0.43323	1.3786E-03	1.18912	2.6497E-03	0.0
1	198.5	599.0	736.5	0.43323	1.3786E-03	1.18913	2.6555E-03	0.0
1	199.0	597.9	738.7	0.43324	1.4087E-03	1.18913	2.6522E-03	0.0
1	199.5	598.4	741.4	0.43322	1.3636E-03	1.18919	2.7313E-03	0.0
1	200.0	597.9	739.4	0.43324	1.4087E-03	1.18917	2.6850E-03	0.0
1	200.5	597.6	742.1	0.43322	1.3636E-03	1.18916	2.6784E-03	0.0
1	201.0	598.2	742.9	0.43324	1.4087E-03	1.18915	2.6719E-03	0.0
1	201.5	597.6	742.4	0.43322	1.3636E-03	1.18915	2.6719E-03	0.0
1	202.0	597.9	742.6	0.43322	1.3636E-03	1.18914	2.6653E-03	0.0
1	202.5	597.8	745.3	0.43323	1.3786E-03	1.18920	2.7177E-03	0.0
1	203.0	598.1	749.0	0.43321	1.3337E-03	1.18919	2.7046E-03	0.0
1	203.5	597.8	748.7	0.43325	1.4237E-03	1.18920	2.7112E-03	0.0
1	204.0	598.2	749.5	0.43324	1.4087E-03	1.18917	2.6883E-03	0.0
1	204.5	598.2	751.6	0.43324	1.4087E-03	1.18922	2.7341E-03	0.0
1	205.0	597.6	748.2	0.43325	1.3786E-03	1.18913	2.6554E-03	0.0
1	205.5	597.8	753.4	0.43324	1.3636E-03	1.18921	2.7243E-03	0.0
1	206.0	598.1	752.4	0.43320	1.3187E-03	1.18921	2.7243E-03	0.0
1	206.5	597.3	756.3	0.43322	1.3487E-03	1.18926	2.7603E-03	0.0
1	207.0	597.9	756.0	0.43322	1.3637E-03	1.18924	2.7505E-03	0.0
1	207.5	597.6	755.8	0.43325	1.4237E-03	1.18924	2.7438E-03	0.0
1	208.0	598.0	756.0	0.43324	1.3436E-03	1.18921	2.7210E-03	0.0
1	208.5	597.9	756.0	0.43324	1.4087E-03	1.18927	2.7701E-03	0.0
1	209.0	597.5	760.0	0.43324	1.4087E-03	1.18924	2.7439E-03	0.0
1	209.5	597.7	758.7	0.43322	1.3636E-03	1.18928	2.7799E-03	0.0
1	210.0	597.9	760.2	0.43330	1.5360E-03	1.18925	2.7537E-03	0.0
1	210.5	597.4	760.9	0.43332	1.5460E-03	1.18926	2.7602E-03	0.0
1	211.0	597.9	762.9	0.43333	1.6035E-03	1.18928	2.7800E-03	0.0
1	211.5	598.1	765.3	0.43334	1.6372E-03	1.18930	2.7963E-03	0.0
1	212.0	598.3	764.6	0.43331	1.5586E-03	1.18927	2.7760E-03	0.0
1	212.5	597.8	767.5	0.43335	1.6634E-03	1.18926	2.7635E-03	0.0
1	213.0	598.2	768.0	0.43331	1.5735E-03	1.18926	2.7636E-03	0.0
1	213.5	598.3	767.0	0.43330	1.5510E-03	1.18924	2.7504E-03	0.0
1	214.0	597.8	770.2	0.43324	1.4087E-03	1.18924	2.7833E-03	0.0
1	214.5	598.0	767.8	0.43324	1.4087E-03	1.18931	2.8094E-03	0.0
1	215.0	598.0	772.2	0.43324	1.3936E-03	1.18934	2.8290E-03	0.0
1	215.5	598.3	772.4	0.43324	1.4087E-03	1.18935	2.8421E-03	0.0
1	216.0	598.4	772.6	0.43325	1.4236E-03	1.18925	2.7570E-03	0.0
1	216.5	598.3	774.6	0.43330	1.5435E-03	1.18933	2.8225E-03	0.0
1	217.0	598.4	775.1	0.43332	1.5685E-03	1.18933	2.8192E-03	0.0
1	217.5	598.0	778.0	0.43333	1.5361E-03	1.18929	2.7898E-03	0.0
1	218.0	598.1	778.3	0.43329	1.5210E-03	1.18931	2.8061E-03	0.0
1	218.5	598.8	779.0	0.43329	1.5210E-03	1.18933	2.8193E-03	0.0
1	219.0	598.7	778.0	0.43330	1.5510E-03	1.18931	2.8061E-03	0.0
1	219.5	598.4	779.0	0.43333	1.5360E-03	1.18933	2.8192E-03	0.0
1	220.0	598.6	781.9	0.43328	1.4911E-03	1.18932	2.8160E-03	0.0
1	220.5	598.3	781.4	0.43326	1.4386E-03	1.18938	2.8618E-03	0.0
1	221.0	598.9	783.4	0.43332	1.5498E-03	1.18932	2.8127E-03	0.0
1	221.5	598.0	783.2	0.43333	1.6110E-03	1.18934	2.8323E-03	0.0
1	222.0	598.6	782.9	0.43330	1.5473E-03	1.18939	2.8717E-03	0.0
1	222.5	598.6	785.1	0.43331	1.5735E-03	1.18936	2.8486E-03	0.0
1	223.0	598.5	786.3	0.43332	1.5811E-03	1.18943	2.9077E-03	0.0
1	223.5	599.0	789.5	0.43327	1.4760E-03	1.18935	2.8421E-03	0.0
1	224.0	599.4	789.5	0.43326	1.4536E-03	1.18934	2.8291E-03	0.0
1	224.5	598.9	788.3	0.43333	1.5361E-03	1.18937	2.8585E-03	0.0
1	225.0	599.2	793.9	0.43326	1.4611E-03	1.18938	2.8651E-03	0.0
1	225.5	598.9	791.5	0.43333	1.5473E-03	1.18937	2.8553E-03	0.0
1	226.0	599.3	791.2	0.43330	1.5361E-03	1.18937	2.8585E-03	0.0
1	226.5	599.9	794.4	0.43328	1.4411E-03	1.18940	2.8782E-03	0.0
1	227.0	599.2	791.9	0.43330	1.5361E-03	1.18939	2.8749E-03	0.0
1	227.5	599.6	794.3	0.43330	1.5435E-03	1.18941	2.8880E-03	0.0
1	228.0	599.3	797.1	0.43330	1.5436E-03	1.18941	2.8880E-03	0.0
1	228.5	599.7	799.0	0.43330	1.6260E-03	1.18940	2.8782E-03	0.0
1	229.0	599.5	796.8	0.43330	1.5361E-03	1.18937	2.8585E-03	0.0

1	224.5	599.4	801.0	0.43324	1.5244E-03	1.18945	2.9207E-03	0.0
1	230.0	600.1	802.7	0.43332	1.5085E-03	1.18939	2.8716E-03	0.0
1	231.5	599.4	803.2	0.43328	1.5061E-03	1.18945	2.9240E-03	0.0
1	231.0	599.8	803.4	0.43329	1.5216E-03	1.18947	2.9403E-03	0.0
1	231.5	600.2	803.7	0.43326	1.4611E-03	1.18943	2.9109E-03	0.0
1	232.0	599.5	805.9	0.43326	1.4536E-03	1.18944	2.9142E-03	0.0
1	232.5	600.5	804.9	0.43326	1.4611E-03	1.18942	2.9011E-03	0.0
1	233.0	600.2	807.3	0.43327	1.4760E-03	1.18944	2.9142E-03	0.0
1	233.5	600.4	807.1	0.43329	1.5285E-03	1.18946	2.9305E-03	0.0
1	234.0	600.2	807.3	0.43327	1.4636E-03	1.18934	2.8716E-03	0.0
1	234.5	600.4	811.5	0.43331	1.5585E-03	1.18945	2.9240E-03	0.0
1	235.0	600.5	811.2	0.43327	1.4775E-03	1.18947	2.9370E-03	0.0
1	235.5	600.4	812.9	0.43324	1.4686E-03	1.18950	2.9666E-03	0.0
1	236.0	600.6	814.7	0.43328	1.4911E-03	1.18944	2.9502E-03	0.0
1	236.5	600.4	813.9	0.43329	1.5210E-03	1.18945	2.9240E-03	0.0
1	237.0	600.5	816.6	0.43326	1.4461E-03	1.18947	2.9436E-03	0.0
1	237.5	600.3	814.4	0.43327	1.4686E-03	1.18944	2.9142E-03	0.0
1	238.0	600.4	816.4	0.43327	1.4760E-03	1.18945	2.9240E-03	0.0
1	238.5	600.7	819.5	0.43326	1.4911E-03	1.18952	2.9797E-03	0.0
1	239.0	600.3	817.3	0.43326	1.4461E-03	1.18950	2.9699E-03	0.0
1	239.5	600.4	822.7	0.43330	1.5511E-03	1.18942	2.9010E-03	0.0
1	240.0	600.7	821.2	0.43326	1.4536E-03	1.18947	2.9403E-03	0.0
1	240.5	600.6	823.9	0.43328	1.5061E-03	1.18950	2.9666E-03	0.0
1	241.0	600.4	824.4	0.43328	1.4985E-03	1.18947	2.9370E-03	0.0
1	241.5	600.6	824.4	0.43326	1.4461E-03	1.18954	2.9933E-03	0.0
1	242.0	600.6	825.2	0.43321	1.3337E-03	1.18950	2.9666E-03	0.0
1	242.5	600.6	826.4	0.43325	1.4237E-03	1.18950	2.9633E-03	0.0
1	243.0	601.3	829.3	0.43329	1.5210E-03	1.18951	2.9764E-03	0.0
1	243.5	601.3	828.6	0.43328	1.4911E-03	1.18950	2.9666E-03	0.0
1	244.0	601.2	829.1	0.43328	1.5061E-03	1.18949	2.9601E-03	0.0
1	244.5	601.1	830.4	0.43327	1.4686E-03	1.18954	2.9961E-03	0.0
1	245.0	601.3	830.3	0.43329	1.5210E-03	1.18955	3.0092E-03	0.0
1	245.5	601.0	833.2	0.43328	1.4911E-03	1.18950	3.0353E-03	0.0
1	246.0	601.1	834.2	0.43324	1.4011E-03	1.18957	3.0223E-03	0.0
1	246.5	601.6	834.9	0.43324	1.3936E-03	1.18957	3.0222E-03	0.0
1	247.0	601.3	834.4	0.43327	1.4700E-03	1.18956	3.0190E-03	0.0
1	247.5	601.1	836.4	0.43322	1.3636E-03	1.18958	3.0320E-03	0.0
1	248.0	601.6	838.8	0.43324	1.4011E-03	1.18955	3.0059E-03	0.0
1	248.5	601.2	837.1	0.43327	1.4086E-03	1.18978	3.0393E-03	0.0
1	249.0	601.0	841.8	0.43328	1.4948E-03	1.18960	3.0485E-03	0.0
1	249.5	601.4	841.5	0.43328	1.4911E-03	1.18962	3.0648E-03	0.0
1	250.0	601.3	841.3	0.43330	1.5323E-03	1.18961	3.0616E-03	0.0
1	250.5	601.1	842.0	0.43325	1.4161E-03	1.18961	3.0615E-03	0.0
1	251.0	601.2	844.0	0.43327	1.4836E-03	1.18957	3.0223E-03	0.0
1	251.5	602.0	846.4	0.43324	1.4011E-03	1.18962	3.0648E-03	0.0
1	252.0	601.6	843.2	0.43326	1.4536E-03	1.18956	3.0157E-03	0.0
1	252.5	601.5	847.9	0.43322	1.3486E-03	1.18961	3.0583E-03	0.0
1	253.0	601.6	847.9	0.43327	1.4686E-03	1.18954	3.0026E-03	0.0
1	253.5	602.1	848.4	0.43326	1.4461E-03	1.18959	3.0386E-03	0.0
1	254.0	601.7	848.1	0.43326	1.4461E-03	1.18960	3.0485E-03	0.0
1	254.5	602.6	852.3	0.43324	1.4087E-03	1.18961	3.0616E-03	0.0
1	255.0	602.3	852.5	0.43322	1.3637E-03	1.18958	3.0353E-03	0.0
1	255.5	601.4	852.0	0.43328	1.4985E-03	1.18963	3.0778E-03	0.0
1	256.0	602.4	854.0	0.43326	1.4611E-03	1.18960	3.0550E-03	0.0
1	256.5	601.8	856.7	0.43327	1.4686E-03	1.18963	3.0746E-03	0.0
1	257.0	602.1	856.4	0.43327	1.4641E-03	1.18964	3.0877E-03	0.0
1	257.5	602.1	859.1	0.43324	1.4086E-03	1.18966	3.1041E-03	0.0
1	258.0	601.4	859.6	0.43324	1.4124E-03	1.18960	3.0517E-03	0.0

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2	652.5	600.9	556.0	0.43364	1.8649E-03	1.18309	1.1193E-03	0.0
2	653.0	600.4	562.6	0.43363	1.7601E-03	1.18148	-2.4636E-04	0.0
2	653.5	600.9	567.8	0.43365	1.8674E-03	1.18332	-1.2322E-03	0.0
2	654.0	601.0	570.2	0.43360	1.7152E-03	1.18325	1.2520E-03	0.0
2	654.5	600.5	578.5	0.43359	1.7375E-03	1.18416	2.0180E-03	0.0
2	655.0	600.9	582.2	0.43363	1.8424E-03	1.18284	9.0042E-04	0.0
2	655.5	600.7	587.5	0.43360	1.7600E-03	1.18339	1.3671E-03	0.0
2	656.0	600.8	591.5	0.43362	1.8275E-03	1.18437	2.1951E-03	0.0
2	656.5	600.6	597.8	0.43363	1.8364E-03	1.18333	1.3165E-03	0.0
2	657.0	600.8	601.7	0.43358	1.7135E-03	1.18439	2.2181E-03	0.0
2	657.5	600.5	606.8	0.43360	1.7675E-03	1.18436	2.1885E-03	0.0
2	658.0	600.6	614.2	0.43361	1.7974E-03	1.18438	2.2040E-03	0.0
2	658.5	600.4	620.0	0.43356	1.6851E-03	1.18436	2.1879E-03	0.0
2	659.0	600.4	623.7	0.43357	1.7001E-03	1.18437	2.1984E-03	0.0
2	659.5	600.8	627.4	0.43358	1.7225E-03	1.18445	2.2641E-03	0.0
2	660.0	600.8	630.0	0.43358	1.7225E-03	1.18445	2.2641E-03	0.0
2	660.5	600.5	637.4	0.43357	1.7001E-03	1.18450	2.3052E-03	0.0
2	661.0	600.1	638.1	0.43356	1.6806E-03	1.18457	2.3661E-03	0.0
2	661.5	600.6	646.2	0.43359	1.7450E-03	1.18451	2.3141E-03	0.0
2	662.0	600.3	653.2	0.43357	1.7001E-03	1.18456	2.3561E-03	0.0
2	662.5	600.0	655.7	0.43358	1.7300E-03	1.18453	2.3364E-03	0.0
2	663.0	600.3	660.8	0.43359	1.7375E-03	1.18459	2.3025E-03	0.0
2	663.5	600.2	667.4	0.43359	1.7526E-03	1.18455	2.3495E-03	0.0
2	664.0	600.2	668.6	0.43354	1.6252E-03	1.18452	2.3266E-03	0.0
2	664.5	600.5	676.7	0.43356	1.6851E-03	1.18454	2.3397E-03	0.0
2	665.0	600.9	680.3	0.43355	1.6626E-03	1.18454	2.3417E-03	0.0
2	665.5	600.6	688.6	0.43359	1.7376E-03	1.18468	2.4640E-03	0.0
2	666.0	600.4	692.6	0.43357	1.6925E-03	1.18471	2.4843E-03	0.0
2	666.5	599.9	698.2	0.43355	1.6627E-03	1.18381	1.7252E-03	0.0
2	667.0	600.2	703.1	0.43359	1.7151E-03	1.18468	2.4601E-03	0.0
2	667.5	600.2	707.2	0.43351	1.5578E-03	1.18475	2.5231E-03	0.0
2	668.0	600.2	712.8	0.43349	1.5054E-03	1.18381	1.7284E-03	0.0
2	668.5	600.1	718.7	0.43352	1.5952E-03	1.18479	2.5533E-03	0.0
2	669.0	600.2	720.3	0.43354	1.6252E-03	1.18474	2.5139E-03	0.0
2	669.5	600.1	727.5	0.43351	1.5578E-03	1.18475	2.5237E-03	0.0
2	670.0	600.1	734.1	0.43354	1.6312E-03	1.18369	1.6201E-03	0.0
2	670.5	600.6	736.5	0.43355	1.6477E-03	1.18263	7.2492E-04	0.0
2	671.0	600.4	742.4	0.43350	1.5429E-03	1.18484	2.5927E-03	0.0
2	671.5	600.4	749.0	0.43354	1.6327E-03	1.18267	7.6045E-04	0.0
2	672.0	600.4	751.2	0.43356	1.6776E-03	1.18219	3.5172E-04	0.0
2	672.5	600.5	757.3	0.43352	1.5803E-03	1.18310	1.1271E-03	0.0
2	673.0	600.4	763.6	0.43350	1.5420E-03	1.18400	1.8863E-03	0.0
2	673.5	600.3	767.8	0.43354	1.5278E-03	1.18278	8.5114E-04	0.0
2	674.0	600.5	774.6	0.43348	1.4978E-03	1.18498	2.7124E-03	0.0
2	674.5	600.9	778.3	0.43350	1.5503E-03	1.18400	1.9498E-03	0.0
2	675.0	600.5	784.1	0.43352	1.5847E-03	1.18499	2.7242E-03	0.0
2	675.5	600.7	788.3	0.43354	1.5428E-03	1.18502	2.7471E-03	0.0
2	676.0	600.8	792.7	0.43351	1.5578E-03	1.18502	2.7504E-03	0.0
2	676.5	600.7	798.0	0.43348	1.4979E-03	1.18501	2.7439E-03	0.0
2	677.0	600.6	804.6	0.43353	1.5428E-03	1.18501	2.7439E-03	0.0
2	677.5	600.7	808.5	0.43347	1.4754E-03	1.18509	2.8063E-03	0.0
2	678.0	600.6	813.7	0.43353	1.6027E-03	1.18513	2.8129E-03	0.0
2	678.5	600.8	817.3	0.43350	1.5278E-03	1.18516	2.8654E-03	0.0
2	679.0	600.6	827.8	0.43348	1.4904E-03	1.18515	2.8622E-03	0.0
2	679.5	600.7	825.6	0.43349	1.5054E-03	1.18521	2.9081E-03	0.0
2	680.0	601.1	832.0	0.43347	1.4754E-03	1.18429	2.1327E-03	0.0
2	680.5	600.6	838.8	0.43347	1.4754E-03	1.18524	2.9040E-03	0.0
2	681.0	600.6	844.7	0.43345	1.4319E-03	1.18524	2.9331E-03	0.0
2	681.5	601.1	849.3	0.43348	1.5016E-03	1.18526	2.9529E-03	0.0
2	682.0	600.8	853.7	0.43343	1.3855E-03	1.18535	3.0240E-03	0.0
2	682.5	600.6	861.1	0.43342	1.3481E-03	1.18537	3.0463E-03	0.0
2	683.0	601.0	864.0	0.43347	1.4605E-03	1.18535	3.0265E-03	0.0

2	683.5	607.4	867.2	0.433343	1.3145E-03	1.18536	3.0347E-03	0.0
2	684.0	607.6	874.7	0.433344	1.3931E-03	1.18534	3.0194E-03	0.0
2	684.5	607.8	876.9	0.433343	1.3661E-03	1.18543	3.0987E-03	0.0
2	685.0	607.8	885.7	0.433341	1.3375E-03	1.18539	3.0594E-03	0.0
2	685.5	607.9	889.9	0.433346	1.4529E-03	1.18549	3.1448E-03	0.0
2	686.0	601.0	895.5	0.433336	1.2582E-03	1.18560	3.2408E-03	0.0
2	686.5	601.2	900.9	0.433342	1.3601E-03	1.18553	3.1809E-03	0.0
2	687.0	600.6	905.3	0.433338	1.2612E-03	1.18565	3.2828E-03	0.0
2	687.5	600.7	912.6	0.433341	1.3331E-03	1.18554	3.1908E-03	0.0
2	688.0	601.1	912.6	0.433334	1.1684E-03	1.18558	3.2236E-03	0.0
2	688.5	600.5	921.4	0.433336	1.2193E-03	1.18560	3.2368E-03	0.0
2	689.0	601.0	925.3	0.433345	1.4244E-03	1.18559	3.2269E-03	0.0
2	689.5	601.2	929.9	0.433341	1.3331E-03	1.18573	3.3511E-03	0.0
2	690.0	601.1	936.8	0.433334	1.2337E-03	1.18566	3.2911E-03	0.0
2	690.5	600.7	940.7	0.433349	1.3031E-03	1.18569	3.3156E-03	0.0
2	691.0	600.7	947.3	0.433341	1.3331E-03	1.18572	3.3387E-03	0.0
2	691.5	602.1	949.7	0.433334	1.2882E-03	1.18576	3.3748E-03	0.0
2	692.0	601.6	956.6	0.433338	1.2657E-03	1.18578	3.3946E-03	0.0
2	692.5	601.8	961.4	0.433343	1.3796E-03	1.18579	3.3978E-03	0.0
2	693.0	601.6	964.3	0.433341	1.3257E-03	1.18468	2.4600E-03	0.0
2	693.5	601.4	971.7	0.433337	1.2283E-03	1.18583	3.4373E-03	0.0
2	694.0	601.2	974.8	0.433338	1.2732E-03	1.18578	3.3945E-03	0.0
2	694.5	602.2	980.5	0.433336	1.2507E-03	1.18585	3.4504E-03	0.0
2	695.0	601.9	987.3	0.433336	1.2567E-03	1.18591	3.5010E-03	0.0
2	695.5	601.9	988.3	0.433337	1.2282E-03	1.18594	3.5260E-03	0.0
2	696.0	601.4	994.1	0.433337	1.2358E-03	1.18591	3.5030E-03	0.0
2	696.5	601.1	1001.2	0.433338	1.2507E-03	1.18597	3.5562E-03	0.0
2	697.0	602.1	1007.6	0.433336	1.2057E-03	1.18601	3.5851E-03	0.0
2	697.5	601.3	1013.4	0.433336	1.2058E-03	1.18602	3.5957E-03	0.0
2	698.0	601.6	1016.4	0.433333	1.0710E-03	1.18604	3.6114E-03	0.0
2	698.5	601.1	1022.2	0.433332	1.1309E-03	1.18612	3.6804E-03	0.0
2	699.0	601.8	1025.2	0.433332	1.1309E-03	1.18609	3.6508E-03	0.0
2	699.5	601.7	1031.0	0.433329	1.0634E-03	1.18393	1.8290E-03	0.0
2	700.0	601.6	1038.6	0.433327	9.9612E-04	1.18615	3.7060E-03	0.0
2	700.5	601.5	1043.0	0.433327	9.9985E-04	1.18620	3.7461E-03	0.0
2	701.0	601.3	1047.1	0.433328	1.0336E-03	1.18618	3.7337E-03	0.0
2	701.5	601.7	1052.0	0.433330	1.0785E-03	1.18627	3.8036E-03	0.0
2	702.0	601.7	1055.7	0.433331	1.1010E-03	1.18619	3.7376E-03	0.0
2	702.5	601.3	1064.7	0.433332	1.1309E-03	1.18625	3.7928E-03	0.0
2	703.0	601.7	1066.7	0.433330	1.0710E-03	1.18623	3.7730E-03	0.0
2	703.5	601.7	1073.4	0.433329	1.0650E-03	1.18631	3.8441E-03	0.0
2	704.0	601.9	1077.9	0.433334	1.1008E-03	1.18632	3.8480E-03	0.0
2	704.5	601.7	1080.6	0.433328	1.0260E-03	1.18627	3.8086E-03	0.0
2	705.0	602.0	1088.9	0.433333	1.1534E-03	1.18630	3.8349E-03	0.0
2	705.5	601.7	1092.3	0.433326	9.8110E-04	1.18656	4.0505E-03	0.0
2	706.0	601.8	1095.7	0.433333	1.1384E-03	1.18646	3.9663E-03	0.0
2	706.5	602.2	1101.6	0.433330	1.0710E-03	1.18646	3.9696E-03	0.0
2	707.0	602.0	1105.7	0.433329	1.0635E-03	1.18649	3.9958E-03	0.0
2	707.5	601.7	1114.0	0.433328	1.0336E-03	1.18652	4.0158E-03	0.0
2	708.0	602.1	1118.4	0.433325	9.6615E-04	1.18652	4.0157E-03	0.0
2	708.5	601.7	1123.8	0.433328	1.0336E-03	1.18648	3.9860E-03	0.0
2	709.0	601.8	1128.4	0.433322	8.9875E-04	1.18659	4.0748E-03	0.0
2	709.5	601.8	1132.6	0.433328	1.0336E-03	1.18660	4.0879E-03	0.0
2	710.0	601.5	1137.5	0.433325	9.6608E-04	1.18663	4.1076E-03	0.0
2	710.5	601.9	1141.9	0.433327	1.0111E-03	1.18654	4.0681E-03	0.0
2	711.0	601.4	1146.8	0.433326	9.7362E-04	1.18663	4.1093E-03	0.0
2	711.5	601.9	1152.9	0.433303	4.5688E-04	1.18664	4.1188E-03	0.0
2	712.0	601.5	1159.2	0.433325	9.5868E-04	1.18667	4.1438E-03	0.0
2	712.5	601.7	1162.6	0.433321	8.6885E-04	1.18676	4.2194E-03	0.0
2	713.0	601.4	1167.3	0.433322	8.9127E-04	1.18676	4.2194E-03	0.0
2	713.5	601.5	1173.6	0.433319	8.1132E-04	1.18679	4.2489E-03	0.0
2	714.0	601.3	1182.5	0.433318	8.0885E-04	1.18678	4.2352E-03	0.0
2	714.5	601.3	1182.9	0.433323	9.7622E-04	1.18679	4.2489E-03	0.0
2	715.0	601.2	1189.5	0.433321	8.7625E-04	1.18684	4.2651E-03	0.0
2	715.5	601.4	1191.9	0.433322	8.9120E-04	1.18684	4.2851E-03	0.0
2	716.0	601.3	1197.8	0.433318	8.0138E-04	1.18688	4.3262E-03	0.0

2	716.5	601.6	1200.7	0.43318	8.0884E-04	1.18692	4.3527E-03	0.0
2	717.0	601.3	1219.2	0.43318	8.7138E-04	1.18696	4.3863E-03	0.0
2	717.5	601.3	1215.9	0.43321	8.7625E-04	1.18702	4.4428E-03	0.0
2	718.0	601.0	1221.2	0.43323	9.1969E-04	1.18706	4.4756E-03	0.0
2	718.5	600.4	1226.1	0.43315	7.2643E-04	1.18709	4.5024E-03	0.0
2	719.0	601.4	1229.5	0.43317	7.8643E-04	1.18712	4.5223E-03	0.0
2	719.5	601.5	1233.9	0.43314	7.0401E-04	1.18707	4.4829E-03	0.0
2	720.0	600.9	1240.8	0.43317	7.7888E-04	1.18716	4.5579E-03	0.0
2	720.5	601.4	1244.2	0.43319	8.1639E-04	1.18711	4.5184E-03	0.0
2	721.0	601.0	1249.8	0.43314	7.1155E-04	1.18717	4.5657E-03	0.0
2	721.5	601.2	1253.0	0.43322	8.9494E-04	1.18727	4.6514E-03	0.0
2	722.0	600.7	1257.1	0.43314	7.1522E-04	1.18727	4.6486E-03	0.0
2	722.5	601.1	1262.5	0.43311	6.4711E-04	1.18731	4.6879E-03	0.0
2	723.0	601.0	1266.4	0.43314	6.9660E-04	1.18730	4.6741E-03	0.0
2	723.5	600.9	1275.5	0.43313	6.8152E-04	1.18735	4.7204E-03	0.0
2	724.0	601.0	1280.8	0.43394	2.5614E-03	1.18738	4.7461E-03	0.0
2	724.5	601.3	1283.0	0.43315	7.3397E-04	1.18739	4.7521E-03	0.0
2	725.0	600.9	1288.9	0.43395	2.5764E-03	1.18746	4.8108E-03	0.0
2	725.5	600.8	1293.8	0.43393	2.5315E-03	1.18744	4.7982E-03	0.0
2	726.0	600.9	1297.7	0.43315	7.1895E-04	1.18752	4.8614E-03	0.0
2	726.5	600.7	1304.0	0.43314	7.0401E-04	1.18757	4.9029E-03	0.0
2	727.0	600.5	1310.1	0.43311	6.2913E-04	1.18753	4.8732E-03	0.0
2	727.5	600.5	1314.3	0.43311	6.2913E-04	1.18753	4.8699E-03	0.0
2	728.0	600.8	1319.7	0.43315	7.4138E-04	1.18756	4.8973E-03	0.0
2	728.5	600.4	1325.5	0.43311	6.2911E-04	1.16341	-1.5534E-02	0.0
2	729.0	600.4	1328.0	0.43266	5.3937E-05	1.18764	4.9672E-03	0.0
2	729.5	600.7	1332.6	0.43309	6.0290E-04	1.18771	5.0211E-03	0.0
2	730.0	600.3	1341.1	0.43310	6.2166E-04	1.18772	5.0349E-03	0.0
2	730.5	600.7	1344.8	0.43315	7.5639E-04	1.18790	5.1033E-03	0.0
2	731.0	600.7	1350.7	0.43308	5.6920E-04	1.16780	-1.1821E-02	0.0
2	731.5	600.7	1357.5	0.43308	5.6165E-04	1.18789	5.1789E-03	0.0
2	732.0	600.7	1360.0	0.43309	5.8415E-04	1.18791	5.1926E-03	0.0
2	732.5	600.5	1365.6	0.43307	5.5418E-04	1.18796	5.2381E-03	0.0
2	733.0	600.4	1368.5	0.43303	4.9344E-04	1.16381	-1.5196E-02	0.0
2	733.5	600.8	1375.1	0.43302	4.2692E-04	1.18794	5.2215E-03	0.0
2	734.0	600.8	1380.7	0.43382	2.2768E-03	1.18798	5.2557E-03	0.0
2	734.5	600.4	1386.3	0.43384	2.3217E-03	1.18803	5.2938E-03	0.0
2	735.0	600.6	1391.5	0.43301	4.1190E-04	1.18808	5.3356E-03	0.0
2	735.5	600.5	1396.1	0.43301	3.9695E-04	1.18810	5.3562E-03	0.0
2	736.0	600.6	1400.5	0.43303	4.4179E-04	1.18818	5.4252E-03	0.0
2	736.5	600.7	1403.7	0.43295	2.7709E-04	1.18821	5.4451E-03	0.0
2	737.0	599.8	1409.3	0.43242	1.9474E-04	1.18825	5.4884E-03	0.0
2	737.5	600.4	1416.9	0.43247	3.1453E-04	1.18829	5.5121E-03	0.0
2	738.0	600.5	1419.8	0.43294	2.3958E-04	1.18836	5.5764E-03	0.0
2	738.5	600.3	1426.6	0.43291	1.7979E-04	1.18838	5.5429E-03	0.0
2	739.0	600.2	1431.7	0.43292	2.0462E-04	1.18846	5.6579E-03	0.0
2	739.5	600.6	1433.0	0.43291	1.8719E-04	1.18849	5.6814E-03	0.0
2	740.0	600.6	1442.2	0.43295	2.6462E-04	1.16056	-1.1182E-02	0.0
2	740.5	600.2	1446.9	0.43292	2.0969E-04	1.18847	5.6659E-03	0.0
2	741.0	600.5	1451.8	0.43291	1.6477E-04	1.18861	5.7851E-03	0.0
2	741.5	600.6	1458.6	0.43292	2.0221E-04	1.18861	5.7868E-03	0.0
2	742.0	600.4	1461.5	0.43291	1.6470E-04	1.18863	5.8038E-03	0.0
2	742.5	600.2	1468.1	0.43269	1.1831E-04	1.18871	5.8708E-03	0.0
2	743.0	600.4	1471.3	0.43264	2.2492E-05	1.18873	5.8854E-03	0.0
2	743.5	600.2	1477.7	0.43287	8.9825E-05	1.16895	-1.0854E-02	0.0
2	744.0	599.4	1480.1	0.43287	8.9825E-05	1.18885	5.9852E-03	0.0
2	744.5	600.1	1484.7	0.43279	-1.1232E-04	1.18887	6.0073E-03	0.0
2	745.0	600.2	1490.8	0.43282	-2.9465E-05	1.18891	6.0365E-03	0.0
2	745.5	600.4	1496.7	0.43283	-1.5018E-05	1.18905	6.1588E-03	0.0
2	746.0	600.4	1501.3	0.43286	6.7334E-05	1.18906	6.1706E-03	0.0
2	746.5	600.3	1508.4	0.43279	-8.4896E-05	1.18912	6.2179E-03	0.0
2	747.0	599.8	1512.6	0.43279	-9.5689E-05	1.16548	-1.3788E-02	0.0
2	747.5	599.8	1517.5	0.43278	-1.1979E-04	1.18924	6.3197E-03	0.0
2	748.0	600.2	1522.6	0.43280	-6.7475E-05	1.18928	6.3559E-03	0.0
2	748.5	600.3	1526.7	0.43278	-1.3487E-04	1.18931	6.3749E-03	0.0
2	749.0	599.9	1533.8	0.43279	-8.4966E-05	1.18933	6.3963E-03	0.0

2	749.5	600.1	1534.3	0.43270	-1.1493E-04	1.18938	6.4341E-03	0.0
2	750.0	600.4	1542.4	0.43277	-1.4983E-04	1.18943	6.4801E-03	0.0
2	750.5	600.3	1546.4	0.43276	-1.6477E-04	1.18997	-9.9895E-03	0.0
2	751.0	600.4	1550.4	0.43275	-2.0221E-04	1.18954	6.5688E-03	0.0
2	751.5	600.7	1558.3	0.43270	-3.1460E-04	1.18964	6.6595E-03	0.0
2	752.0	600.0	1561.7	0.43270	-3.0713E-04	1.18969	6.6970E-03	0.0
2	752.5	600.4	1568.5	0.43267	-3.6706E-04	1.18980	6.7955E-03	0.0
2	753.0	600.1	1574.8	0.43266	-4.0443E-04	1.18985	6.8318E-03	0.0
2	753.5	600.0	1578.8	0.43268	-3.5197E-04	1.18988	6.8580E-03	0.0
2	754.0	600.1	1584.6	0.43267	-3.7453E-04	1.18996	6.9316E-03	0.0
2	754.5	600.1	1588.0	0.43261	-5.0927E-04	1.18997	6.9364E-03	0.0
2	755.0	600.0	1594.4	0.43259	-5.6920E-04	1.19009	7.0355E-03	0.0
2	755.5	600.1	1599.8	0.43261	-5.1674E-04	1.19006	7.0105E-03	0.0
2	756.0	600.1	1602.7	0.43260	-5.3176E-04	1.19013	7.0683E-03	0.0
2	756.5	599.8	1607.3	0.43257	-6.0812E-04	1.19025	7.1761E-03	0.0
2	757.0	600.2	1613.7	0.43256	-6.4408E-04	1.19028	7.2030E-03	0.0
2	757.5	600.3	1618.6	0.43256	-6.3216E-04	1.19036	7.2688E-03	0.0
2	758.0	599.9	1623.2	0.43256	-6.2406E-04	1.19047	7.3608E-03	0.0
2	758.5	600.2	1627.6	0.43253	-7.1155E-04	1.19054	7.4206E-03	0.0
2	759.0	600.2	1635.7	0.43249	-7.8347E-04	1.19057	7.4463E-03	0.0
2	759.5	600.5	1639.3	0.43251	-7.4145E-04	1.19068	7.5340E-03	0.0
2	760.0	600.3	1644.4	0.43251	-7.4699E-04	1.19068	7.5349E-03	0.0
2	760.5	600.3	1648.1	0.43249	-8.0138E-04	1.19082	7.6572E-03	0.0
2	761.0	599.7	1653.2	0.43246	-8.6131E-04	1.19085	7.6808E-03	0.0
2	761.5	600.3	1660.8	0.43245	-8.8373E-04	1.17197	-8.2971E-03	0.0
2	762.0	599.9	1665.0	0.43241	-9.7362E-04	1.19107	7.8662E-03	0.0
2	762.5	600.1	1667.6	0.43244	-8.9868E-04	1.19114	7.9292E-03	0.0
2	763.0	600.4	1676.4	0.43238	-1.0440E-03	1.19122	7.9983E-03	0.0
2	763.5	600.2	1679.6	0.43237	-1.0636E-03	1.19127	8.0337E-03	0.0
2	764.0	600.2	1683.3	0.43236	-1.1010E-03	1.19137	8.1231E-03	0.0
2	764.5	599.7	1690.8	0.43236	-1.0874E-03	1.19147	8.2092E-03	0.0
2	765.0	599.9	1695.2	0.43230	-1.2282E-03	1.19156	8.2841E-03	0.0
2	765.5	599.9	1701.6	0.43233	-1.1644E-03	1.19160	8.3807E-03	0.0
2	766.0	600.1	1704.0	0.43230	-1.2433E-03	1.19178	8.4714E-03	0.0
2	766.5	600.1	1709.4	0.43227	-1.3106E-03	1.19187	8.5437E-03	0.0
2	767.0	600.2	1716.5	0.43224	-1.3780E-03	1.19193	8.5996E-03	0.0
2	767.5	600.2	1719.9	0.43221	-1.4305E-03	1.19208	8.7258E-03	0.0
2	768.0	600.3	1723.8	0.43220	-1.4754E-03	1.19220	8.8194E-03	0.0
2	768.5	600.1	1727.9	0.43216	-1.5578E-03	1.19232	8.9269E-03	0.0
2	769.0	600.1	1735.6	0.43214	-1.6102E-03	1.19238	8.9742E-03	0.0
2	769.5	600.3	1740.9	0.43212	-1.6477E-03	1.19250	9.0794E-03	0.0
2	770.0	599.8	1746.3	0.43215	-1.5720E-03	1.19256	9.1286E-03	0.0
2	770.5	599.9	1752.4	0.43210	-1.7001E-03	1.19277	9.3061E-03	0.0
2	771.0	600.0	1752.6	0.43207	-1.7600E-03	1.19291	9.4277E-03	0.0
2	771.5	599.5	1762.4	0.43200	-1.9248E-03	1.19297	9.4789E-03	0.0
2	772.0	599.6	1765.3	0.43198	-1.9623E-03	1.19318	9.6524E-03	0.0
2	772.5	599.7	1768.7	0.43196	-2.0221E-03	1.19327	9.7273E-03	0.0
2	773.0	599.6	1775.1	0.43192	-2.1120E-03	1.19343	9.8680E-03	0.0
2	773.5	600.0	1780.2	0.43192	-2.1120E-03	1.17496	-5.7664E-03	0.0
2	774.0	599.8	1786.8	0.43190	-2.1495E-03	1.19374	1.0131E-02	0.0
2	774.5	600.1	1790.0	0.43180	-2.3892E-03	1.19377	1.0151E-02	0.0
2	775.0	599.5	1797.1	0.43185	-2.2768E-03	1.19389	1.0256E-02	0.0
2	775.5	599.9	1803.4	0.43176	-2.4789E-03	1.19404	1.0381E-02	0.0
2	776.0	599.7	1801.2	0.43180	-2.3816E-03	1.19424	1.0551E-02	0.0
2	776.5	600.2	1808.4	0.43175	-2.5014E-03	1.19437	1.0660E-02	0.0
2	777.0	600.0	1814.9	0.43174	-2.5314E-03	1.19451	1.0782E-02	0.0
2	777.5	599.9	1819.3	0.43169	-2.6363E-03	1.19474	1.0975E-02	0.0
2	778.0	600.0	1825.6	0.43161	-2.8236E-03	1.19489	1.1100E-02	0.0
ST	1, ISTART= 1		1, ISTOP=1557					

3	343.5	605.9	252.3	0.43445	1.7342E-03	1.18621	2.3659E-03	0.0
3	344.0	605.8	256.4	0.43482	2.5862E-03	1.18619	2.3430E-03	0.0
3	344.5	606.1	250.3	0.43482	2.6012E-03	1.18620	2.3528E-03	0.0
3	345.0	606.1	253.7	0.43479	2.5264E-03	1.18621	2.3660E-03	0.0
3	345.5	606.0	253.5	0.43462	2.5862E-03	1.18621	2.3660E-03	0.0
3	346.0	606.3	253.2	0.43481	2.5714E-03	1.18623	2.3791E-03	0.0
3	346.5	606.3	252.7	0.43484	2.6311E-03	1.18622	2.3725E-03	0.0
3	347.0	605.9	252.7	0.43447	1.7940E-03	1.18624	2.3857E-03	0.0
3	347.5	605.9	253.2	0.43460	2.5564E-03	1.18623	2.3791E-03	0.0
3	348.0	606.4	254.2	0.43481	2.5713E-03	1.18617	2.3299E-03	0.0
3	348.5	606.3	253.5	0.43484	2.6311E-03	1.18623	2.3791E-03	0.0
3	349.0	609.0	253.5	0.43485	2.6610E-03	1.18613	2.2971E-03	2.2
3	349.5	645.0	245.2	0.43501	3.0190E-03	1.18622	2.3693E-03	3.2
3	350.0	691.1	251.2	0.43503	3.0646E-03	1.18654	2.6448E-03	3.2
3	350.5	732.7	256.7	0.43508	3.1991E-03	1.18674	2.8040E-03	1.6
3	351.0	764.8	252.3	0.43479	2.5265E-03	1.18697	3.0025E-03	0.0
3	351.5	780.6	248.8	0.43515	3.3636E-03	1.18700	3.0288E-03	0.0
3	352.0	787.1	255.2	0.43517	3.4084E-03	1.18705	3.0747E-03	0.0
3	352.5	790.7	253.2	0.43515	3.3486E-03	1.18703	3.0583E-03	0.0
3	353.0	793.7	252.0	0.43512	3.2888E-03	1.18704	3.0615E-03	0.0
3	353.5	796.9	253.2	0.43514	3.3188E-03	1.18707	3.0879E-03	0.0
3	354.0	798.8	252.3	0.43517	3.335E-03	1.18704	3.0616E-03	0.0
3	354.5	801.1	256.2	0.43512	3.2888E-03	1.18706	3.0780E-03	0.0
3	355.0	802.6	253.7	0.43514	3.3337E-03	1.18705	3.0747E-03	0.5
3	355.5	804.5	253.5	0.43515	3.3635E-03	1.18707	3.0879E-03	0.0
3	356.0	805.6	251.5	0.43515	3.3486E-03	1.18707	3.0912E-03	0.0
3	356.5	806.6	254.0	0.43515	3.3487E-03	1.18709	3.1043E-03	0.0
3	357.0	808.2	252.7	0.43519	3.4532E-03	1.18713	3.1403E-03	0.0
3	357.5	809.4	253.2	0.43513	3.3038E-03	1.18711	3.1239E-03	0.0
3	358.0	810.6	252.0	0.43515	3.3486E-03	1.18709	3.1076E-03	0.0
3	358.5	811.3	254.9	0.43516	3.3786E-03	1.18717	3.1699E-03	0.0
3	359.0	812.1	254.0	0.43515	3.3487E-03	1.18719	3.1896E-03	0.0
3	359.5	813.1	253.2	0.43514	3.3337E-03	1.18719	3.1929E-03	0.0
3	360.0	813.4	253.5	0.43514	3.3337E-03	1.18718	3.1832E-03	0.0
3	360.5	814.2	253.5	0.43514	3.3337E-03	1.18719	3.1863E-03	0.0
3	361.0	814.3	252.3	0.43512	3.2888E-03	1.18717	3.1699E-03	0.0
3	361.5	815.0	254.7	0.43510	3.2441E-03	1.18720	3.1994E-03	0.0
3	362.0	815.4	255.2	0.43510	3.2441E-03	1.18717	3.1699E-03	0.0
3	362.5	815.6	254.9	0.43511	3.2589E-03	1.18722	3.2126E-03	0.0
3	363.0	816.1	254.0	0.43514	3.3338E-03	1.18716	3.1634E-03	0.0
3	363.5	816.1	253.0	0.43512	3.2888E-03	1.18718	3.1830E-03	0.0
3	364.0	817.3	253.2	0.43515	3.3636E-03	1.18719	3.1929E-03	0.0
3	364.5	817.3	254.7	0.43515	3.3636E-03	1.18719	3.1928E-03	0.0
3	365.0	817.1	253.2	0.43515	3.3636E-03	1.18723	3.2223E-03	0.0
3	365.5	817.5	253.7	0.43512	3.2739E-03	1.18719	3.1863E-03	0.0
3	366.0	817.7	253.2	0.43512	3.2739E-03	1.18721	3.2060E-03	0.0
3	366.5	817.6	255.2	0.43515	3.3636E-03	1.18720	3.1994E-03	0.0
3	367.0	816.9	254.0	0.43515	3.3636E-03	1.18721	3.2060E-03	0.0
3	367.5	817.6	253.5	0.43514	3.3337E-03	1.18726	3.2519E-03	0.0
3	368.0	817.7	253.0	0.43511	3.2590E-03	1.18725	3.2421E-03	0.0
3	368.5	817.4	254.0	0.43514	3.3188E-03	1.18723	3.2256E-03	0.0
3	369.0	817.7	254.2	0.43516	3.3786E-03	1.18725	3.2421E-03	0.0
3	369.5	817.1	253.2	0.43514	3.3338E-03	1.18729	3.2716E-03	0.0
3	370.0	817.5	252.3	0.43517	3.3935E-03	1.18727	3.2552E-03	0.0
3	370.5	817.5	254.5	0.43516	3.3786E-03	1.18724	3.2289E-03	0.0
3	371.0	817.1	253.5	0.43515	3.3636E-03	1.18726	3.2519E-03	0.0
3	371.5	816.5	253.2	0.43517	3.4085E-03	1.18722	3.2191E-03	0.0
3	372.0	816.3	255.2	0.43517	3.3935E-03	1.18724	3.2290E-03	0.0
3	372.5	816.4	254.7	0.43515	3.3636E-03	1.18729	3.2749E-03	0.0
3	373.0	816.0	252.5	0.43515	3.3636E-03	1.18724	3.2290E-03	0.0
3	373.5	816.4	253.5	0.43517	3.4084E-03	1.18728	3.2651E-03	0.0
3	374.0	816.1	253.7	0.43519	3.4533E-03	1.18732	3.3011E-03	0.0

3	374.5	815.3	253.1	0.43513	3.4234E-03	1.18725	3.2304E-03	0.0
3	375.0	815.4	253.2	0.43515	3.3486E-03	1.18724	3.2355E-03	0.0
3	375.5	814.9	255.9	0.43514	3.3337E-03	1.18724	3.2355E-03	0.0
3	376.0	814.3	251.3	0.43516	3.3786E-03	1.18725	3.2388E-03	0.0
3	376.5	814.2	254.7	0.43516	3.3746E-03	1.18722	3.2158E-03	0.0
3	377.0	813.9	252.7	0.43517	3.3936E-03	1.18722	3.2158E-03	0.0
3	377.5	813.9	254.0	0.43515	3.3486E-03	1.18723	3.2257E-03	0.0
3	378.0	813.6	254.5	0.43515	3.3636E-03	1.18726	3.2520E-03	0.0
3	378.5	813.3	252.5	0.43519	3.4383E-03	1.18723	3.2224E-03	0.0
3	379.0	813.2	254.7	0.43483	2.5340E-03	1.18724	3.2322E-03	0.0
3	379.5	813.1	253.7	0.43479	2.5115E-03	1.18718	3.1797E-03	0.0
3	380.0	812.5	253.7	0.43512	3.2888E-03	1.18721	3.2092E-03	0.0
3	380.5	812.3	254.2	0.43479	2.5115E-03	1.18719	3.1929E-03	0.0
3	381.0	811.9	254.7	0.43517	3.3935E-03	1.18718	3.1830E-03	0.0
3	381.5	811.3	254.2	0.43513	3.3038E-03	1.18721	3.2060E-03	0.0
3	382.0	810.4	253.5	0.43514	3.3337E-03	1.18716	3.1633E-03	0.0
3	382.5	810.5	251.5	0.43514	3.3337E-03	1.18716	3.1666E-03	0.0
3	383.0	810.2	253.7	0.43513	3.3038E-03	1.18721	3.2060E-03	0.0
3	383.5	809.7	253.2	0.43479	2.5115E-03	1.18715	3.1600E-03	0.0
3	384.0	809.7	252.7	0.43512	3.2889E-03	1.18716	3.1646E-03	0.0
3	384.5	809.0	254.4	0.43515	3.3635E-03	1.18716	3.1633E-03	0.0
3	385.0	808.6	252.7	0.43512	3.2739E-03	1.18719	3.1896E-03	0.0
3	385.5	808.2	252.5	0.43514	3.3337E-03	1.18715	3.1567E-03	0.0
3	386.0	807.3	254.9	0.43511	3.2589E-03	1.18714	3.1469E-03	0.0
3	386.5	807.6	253.7	0.43515	3.3486E-03	1.18715	3.1601E-03	0.0
3	387.0	806.8	254.2	0.43511	3.2589E-03	1.18714	3.1469E-03	0.0
3	387.5	806.4	255.4	0.43508	3.1991E-03	1.18718	3.1830E-03	0.0
3	388.0	806.4	254.0	0.43512	3.2739E-03	1.18715	3.1535E-03	0.0
3	388.5	805.7	254.2	0.43511	3.2589E-03	1.18720	3.2027E-03	0.0
3	389.0	805.5	252.7	0.43511	3.2590E-03	1.18718	3.1797E-03	0.0
3	389.5	805.3	254.5	0.43512	3.2739E-03	1.18719	3.1928E-03	0.0
3	390.0	804.8	254.5	0.43512	3.2888E-03	1.18717	3.1699E-03	0.0
3	390.5	804.6	252.5	0.43511	3.2590E-03	1.18716	3.1633E-03	0.0
3	391.0	804.2	253.5	0.43512	3.2739E-03	1.18721	3.2060E-03	0.0
3	391.5	803.8	255.7	0.43511	3.2590E-03	1.18719	3.1928E-03	0.0
3	392.0	803.3	254.5	0.43510	3.2441E-03	1.18727	3.2585E-03	0.0
3	392.5	802.7	255.4	0.43513	3.3038E-03	1.18719	3.1928E-03	0.0
3	393.0	802.6	255.2	0.43510	3.2440E-03	1.18721	3.2093E-03	0.0
3	393.5	802.3	255.2	0.43511	3.2589E-03	1.18720	3.2027E-03	0.0
3	394.0	801.6	254.2	0.43514	3.3187E-03	1.18725	3.2388E-03	0.0
3	394.5	801.5	252.4	0.43510	3.2441E-03	1.18721	3.2060E-03	0.0
3	395.0	801.2	253.7	0.43510	3.2291E-03	1.18719	3.1896E-03	0.0
3	395.5	800.6	253.7	0.43510	3.2440E-03	1.18720	3.1962E-03	0.0
3	396.0	800.1	253.0	0.43473	2.3770E-03	1.18720	3.2027E-03	0.0
3	396.5	799.7	254.7	0.43476	2.4592E-03	1.18723	3.2223E-03	0.0
3	397.0	799.5	252.3	0.43479	2.5264E-03	1.18722	3.2191E-03	0.0
3	397.5	799.2	252.7	0.43513	3.3038E-03	1.18718	3.1797E-03	0.0
3	398.0	799.0	254.0	0.43512	3.2739E-03	1.18719	3.1663E-03	0.0
3	398.5	797.7	253.7	0.43514	3.3187E-03	1.18713	3.1403E-03	0.0
3	399.0	797.4	252.7	0.43513	3.3038E-03	1.18716	3.1634E-03	0.0
3	399.5	795.1	255.7	0.43514	3.3187E-03	1.18720	3.1994E-03	0.0
3	400.0	797.4	252.3	0.43512	3.2739E-03	1.18713	3.1404E-03	0.0
3	400.5	797.2	256.7	0.43513	3.3038E-03	1.18705	3.0714E-03	0.0
3	401.0	796.9	253.2	0.43509	3.2142E-03	1.18712	3.1338E-03	0.0
3	401.5	796.7	252.7	0.43508	3.1841E-03	1.18710	3.1108E-03	0.0
3	402.0	796.4	252.3	0.43509	3.2141E-03	1.18715	3.1567E-03	0.0
3	402.5	796.5	254.5	0.43500	3.1841E-03	1.18711	3.1227E-03	0.0
3	403.0	795.2	254.7	0.43510	3.2291E-03	1.18713	3.1571E-03	0.0
3	403.5	796.5	254.7	0.43508	3.1842E-03	1.18714	3.1502E-03	0.0
3	404.0	795.9	253.4	0.43504	3.0946E-03	1.18710	3.1174E-03	0.0
3	404.5	795.4	255.9	0.43506	3.1543E-03	1.18712	3.1338E-03	0.0
3	405.0	796.1	255.2	0.43505	3.1244E-03	1.18714	3.1436E-03	0.0
3	405.5	795.9	252.7	0.43503	3.0795E-03	1.18715	3.1601E-03	0.0
3	406.0	795.6	254.3	0.43504	3.1095E-03	1.18712	3.1338E-03	0.0
3	406.5	796.0	254.7	0.43505	3.1244E-03	1.18719	3.1843E-03	0.0
3	407.0	795.4	254.9	0.43504	3.0946E-03	1.18717	3.1732E-03	0.0

3 407.5	795.7	255.4	0.43541	3.0344E-03	1.18719	3.1895E-03	0.0
3 408.0	795.2	253.2	0.43504	3.1695E-03	1.18720	3.1994E-03	0.0
3 408.5	795.4	253.7	0.43506	3.1543E-03	1.18726	3.2487E-03	0.0
3 409.0	795.3	252.7	0.43510	3.2291E-03	1.18727	3.2552E-03	0.0
3 409.5	795.3	253.0	0.43507	3.1692E-03	1.18728	3.2650E-03	0.0
3 410.0	795.2	252.0	0.43508	3.1842E-03	1.18727	3.2618E-03	0.0
3 410.5	795.1	254.4	0.43500	3.1841E-03	1.18722	3.2158E-03	0.0
3 411.0	795.0	257.6	0.43509	3.2141E-03	1.18720	3.2826E-03	0.0
3 411.5	795.6	256.7	0.43510	3.2440E-03	1.18724	3.2322E-03	0.0
3 412.0	796.0	256.7	0.43512	3.2739E-03	1.18723	3.2224E-03	0.0
3 412.5	796.1	260.8	0.43479	2.5190E-03	1.18722	3.2125E-03	0.0
3 413.0	795.8	258.9	0.43512	3.2739E-03	1.18726	3.2487E-03	0.0
3 413.5	796.1	262.0	0.43514	3.3188E-03	1.18722	3.2125E-03	0.0
3 414.0	796.4	263.5	0.43513	3.3038E-03	1.18726	3.2454E-03	0.0
3 414.5	796.9	262.5	0.43512	3.2739E-03	1.18726	3.2487E-03	0.0
3 415.0	796.2	264.7	0.43510	3.2291E-03	1.18725	3.2421E-03	0.0
3 415.5	796.7	260.1	0.43510	3.2440E-03	1.18720	3.2027E-03	0.0
3 416.0	797.1	264.7	0.43507	3.1618E-03	1.18720	3.1946E-03	0.0
3 416.5	797.3	267.4	0.43503	3.0795E-03	1.18720	3.1961E-03	0.0
3 417.0	797.0	271.6	0.43501	3.0348E-03	1.18708	3.0777E-03	0.0
3 417.5	797.6	268.6	0.43504	3.0946E-03	1.18714	3.1469E-03	0.0
3 418.0	797.5	271.6	0.43501	3.0347E-03	1.18712	3.1305E-03	0.0
3 418.5	797.7	271.3	0.43504	3.0946E-03	1.18712	3.1305E-03	0.0
3 419.0	798.4	274.0	0.43506	3.1542E-03	1.18720	3.2027E-03	0.0
3 419.5	798.4	273.8	0.43505	3.1245E-03	1.18733	3.3044E-03	0.0
3 420.0	798.2	276.7	0.43508	3.1991E-03	1.18729	3.2782E-03	0.0
3 420.5	799.2	276.7	0.43508	3.1991E-03	1.18732	3.3011E-03	0.0
3 421.0	799.3	276.7	0.43505	3.1245E-03	1.18734	3.3176E-03	0.0
3 421.5	799.0	275.5	0.43508	3.1991E-03	1.18732	3.3012E-03	0.0
3 422.0	799.9	278.1	0.43504	3.0944E-03	1.18730	3.2847E-03	0.0
3 422.5	799.8	279.4	0.43506	3.1543E-03	1.18732	3.3012E-03	0.0
3 423.0	799.7	279.9	0.43503	3.0797E-03	1.18729	3.2782E-03	0.0
3 423.5	800.6	282.1	0.43506	3.1594E-03	1.18729	3.2749E-03	0.0
3 424.0	800.1	283.0	0.43504	3.1095E-03	1.18731	3.2945E-03	0.0
3 424.5	800.1	283.8	0.43504	3.1095E-03	1.18730	3.2815E-03	0.0
3 425.0	800.3	287.2	0.43503	3.0646E-03	1.18739	3.3569E-03	0.0
3 425.5	800.8	286.0	0.43508	3.1842E-03	1.18733	3.3110E-03	0.0
3 426.0	801.0	289.1	0.43509	3.2141E-03	1.18742	3.3864E-03	0.0
3 426.5	800.5	287.2	0.43505	3.1245E-03	1.18739	3.3569E-03	0.0
3 427.0	801.0	287.2	0.43506	3.1543E-03	1.18744	3.3996E-03	0.0
3 427.5	801.3	290.1	0.43506	3.1594E-03	1.18744	3.3995E-03	0.0
3 428.0	801.6	290.8	0.43510	3.2440E-03	1.18742	3.3865E-03	0.0
3 428.5	800.9	292.1	0.43508	3.1991E-03	1.18740	3.3707E-03	0.0
3 429.0	802.1	290.8	0.43504	3.1095E-03	1.18739	3.3603E-03	0.0
3 429.5	802.2	293.8	0.43508	3.1991E-03	1.18742	3.3865E-03	0.0
3 430.0	802.0	296.8	0.43506	3.1841E-03	1.18748	3.4358E-03	0.0
3 430.5	802.4	294.5	0.43508	3.1991E-03	1.18744	3.4029E-03	0.0
3 431.0	802.5	297.2	0.43509	3.2141E-03	1.18743	3.3897E-03	0.0
3 431.5	801.7	300.9	0.43510	3.2440E-03	1.18745	3.4094E-03	0.0
3 432.0	802.3	297.7	0.43514	3.3187E-03	1.18750	3.4553E-03	0.0
3 432.5	802.4	301.1	0.43512	3.2739E-03	1.18744	3.3996E-03	0.0
3 433.0	802.0	301.3	0.43512	3.2888E-03	1.18746	3.4159E-03	0.0
3 433.5	802.6	303.5	0.43514	3.3188E-03	1.18745	3.4127E-03	0.0
3 434.0	802.6	304.8	0.43512	3.2888E-03	1.18748	3.4389E-03	0.0
3 434.5	802.3	303.8	0.43511	3.2590E-03	1.18748	3.4324E-03	0.0
3 435.0	802.2	305.4	0.43515	3.3486E-03	1.18746	3.4193E-03	0.0
3 435.5	800.3	305.5	0.43514	3.3337E-03	1.18744	3.4029E-03	0.0
3 436.0	800.4	306.7	0.43512	3.2739E-03	1.18746	3.4192E-03	0.0
3 436.5	802.1	307.0	0.43514	3.3337E-03	1.18749	3.4422E-03	0.0
3 437.0	801.7	309.6	0.43512	3.2888E-03	1.18745	3.3898E-03	0.0
3 437.5	801.6	309.4	0.43511	3.2589E-03	1.18751	3.4588E-03	0.0
3 438.0	801.3	311.8	0.43510	3.2440E-03	1.18743	3.3963E-03	0.0
3 438.5	802.2	311.6	0.43514	3.3188E-03	1.18750	3.4555E-03	0.0
3 439.0	801.9	311.6	0.43508	3.1841E-03	1.18750	3.4522E-03	0.0
3 439.5	801.9	314.2	0.43514	3.3187E-03	1.18750	3.4522E-03	0.0
3 440.0	801.9	315.3	0.43512	3.2739E-03	1.18747	3.4291E-03	0.0

3	440.5	802.0	315.0	0.43512	3.2134E-03	1.18744	3.4422E-03	0.0
3	441.0	802.1	319.2	0.43512	3.2291E-03	1.18745	3.4094E-03	0.0
3	441.5	802.3	316.5	0.43509	3.2141E-03	1.18751	3.4588E-03	0.0
3	442.0	801.5	321.9	0.43511	3.2589E-03	1.18751	3.4620E-03	0.0
3	442.5	801.7	319.7	0.43503	3.1991E-03	1.18749	3.4422E-03	0.0
3	443.0	801.4	319.9	0.43503	3.1842E-03	1.18754	3.4849E-03	0.0
3	443.5	801.6	321.4	0.43509	3.2147E-03	1.18758	3.5211E-03	0.0
3	444.0	801.6	322.8	0.43508	3.1991E-03	1.18757	3.5080E-03	0.0
3	444.5	801.9	326.0	0.43504	3.0944E-03	1.18754	3.4882E-03	0.0
3	445.0	801.4	324.1	0.43510	3.2440E-03	1.18756	3.5014E-03	0.0
3	445.5	801.7	326.3	0.43506	3.1542E-03	1.18753	3.4752E-03	0.0
3	446.0	801.2	327.5	0.43510	3.2291E-03	1.18755	3.4981E-03	0.0
3	446.5	801.0	329.7	0.43509	3.2141E-03	1.18759	3.5277E-03	0.0
3	447.0	801.3	330.2	0.43510	3.2440E-03	1.18757	3.5145E-03	0.0
3	447.5	801.4	331.4	0.43510	3.2440E-03	1.18758	3.5177E-03	0.0
3	448.0	800.9	332.8	0.43506	3.1543E-03	1.18764	3.5671E-03	0.0
3	448.5	800.8	331.9	0.43512	3.2139E-03	1.18759	3.5310E-03	0.0
3	449.0	801.0	334.1	0.43510	3.2440E-03	1.18761	3.5440E-03	0.0
3	449.5	800.9	334.3	0.43509	3.2141E-03	1.18762	3.5572E-03	0.0
3	450.0	800.6	335.8	0.43510	3.2440E-03	1.18759	3.5244E-03	0.0
3	450.5	800.9	339.4	0.43511	3.2590E-03	1.18759	3.5309E-03	0.0
3	451.0	800.5	337.5	0.43509	3.2142E-03	1.18762	3.5506E-03	0.0
3	451.5	800.3	339.7	0.43512	3.2688E-03	1.18765	3.5769E-03	0.0
3	452.0	800.3	339.2	0.43511	3.2589E-03	1.18766	3.5900E-03	0.0
3	452.5	800.5	340.2	0.43510	3.2290E-03	1.18769	3.6096E-03	0.0
3	453.0	799.7	342.1	0.43515	3.3486E-03	1.18769	3.6129E-03	0.0
3	453.5	800.1	343.1	0.43514	3.3337E-03	1.18765	3.5769E-03	0.0
3	454.0	800.5	346.8	0.43475	2.4293E-03	1.18766	3.5900E-03	0.0
3	454.5	800.0	346.0	0.43515	3.3635E-03	1.18767	3.5933E-03	0.0
3	455.0	800.6	346.8	0.43479	2.5115E-03	1.18769	3.6162E-03	0.0
3	455.5	800.2	348.7	0.43512	3.2739E-03	1.18767	3.5933E-03	0.0
3	456.0	800.1	348.2	0.43510	3.2440E-03	1.18768	3.6064E-03	0.0
3	456.5	799.9	348.0	0.43512	3.2739E-03	1.18771	3.6261E-03	0.0
3	457.0	799.3	349.9	0.43515	3.3486E-03	1.18766	3.5834E-03	0.0
3	457.5	799.5	349.0	0.43515	3.3486E-03	1.18771	3.6261E-03	0.0
3	458.0	800.0	352.9	0.43474	2.4069E-03	1.18772	3.6392E-03	0.0
3	458.5	800.2	353.1	0.43513	3.3038E-03	1.18765	3.5769E-03	0.0
3	459.0	799.6	353.6	0.43476	2.4042E-03	1.18768	3.6064E-03	0.0
3	459.5	799.2	355.8	0.43513	3.3038E-03	1.18766	3.5867E-03	0.0
3	460.0	799.5	356.8	0.43515	3.3496E-03	1.18768	3.6064E-03	0.0
3	460.5	799.6	358.2	0.43510	3.2290E-03	1.18761	3.5473E-03	0.0
3	461.0	800.1	358.7	0.43512	3.2688E-03	1.18766	3.5834E-03	0.0
3	461.5	799.7	359.5	0.43514	3.3337E-03	1.18769	3.6130E-03	0.0
3	462.0	799.7	360.2	0.43510	3.2440E-03	1.18767	3.5933E-03	0.0
3	462.5	799.4	361.9	0.43512	3.2689E-03	1.18767	3.5998E-03	0.0
3	463.0	800.0	359.7	0.43510	3.2440E-03	1.18767	3.5998E-03	0.0
3	463.5	799.7	364.1	0.43513	3.3038E-03	1.18773	3.6425E-03	0.0
3	464.0	799.7	365.6	0.43513	3.3038E-03	1.18771	3.6293E-03	0.0
3	464.5	799.8	363.6	0.43510	3.2440E-03	1.18771	3.6260E-03	0.0
3	465.0	799.5	366.3	0.43514	3.3188E-03	1.18774	3.6589E-03	0.0
3	465.5	799.7	366.5	0.43508	3.1991E-03	1.18776	3.6687E-03	0.0
3	466.0	799.4	367.8	0.43510	3.2290E-03	1.18774	3.6556E-03	0.0
3	466.5	799.9	369.7	0.43513	3.3038E-03	1.18777	3.6818E-03	0.0
3	467.0	799.8	368.5	0.43512	3.2739E-03	1.18781	3.7147E-03	0.0
3	467.5	799.1	372.4	0.43511	3.2589E-03	1.18777	3.6819E-03	0.0
3	468.0	799.7	371.7	0.43510	3.2440E-03	1.18772	3.6392E-03	0.0
3	468.5	798.7	374.1	0.43514	3.3338E-03	1.18783	3.7278E-03	0.0
3	469.0	799.8	374.6	0.43503	3.1842E-03	1.18777	3.6818E-03	0.0

TEST 1, ISTART= 1 ISTOP= 939

4	379.5	609.7	252.7	0.43347	1.8056E-03	1.19467	2.3688E-03	0.0
4	380.0	609.9	253.0	0.43350	1.8730E-03	1.19466	2.3558E-03	0.0
4	380.5	609.9	253.7	0.43350	1.8584E-03	1.19461	2.3199E-03	0.0
4	381.0	609.6	252.3	0.43351	1.8879E-03	1.19460	2.3069E-03	0.0
4	381.5	610.0	252.5	0.43354	1.9629E-03	1.19465	2.3460E-03	0.0
4	382.0	609.2	252.7	0.43354	1.9554E-03	1.19465	2.3492E-03	0.0
4	382.5	609.7	252.7	0.43359	2.0677E-03	1.19466	2.3591E-03	0.0
4	383.0	609.6	251.8	0.43353	1.9404E-03	1.19463	2.3362E-03	0.0
4	383.5	609.4	250.8	0.43354	1.9628E-03	1.19461	2.3134E-03	0.0
4	384.0	609.3	249.3	0.43353	1.9329E-03	1.19460	2.3101E-03	0.0
4	384.5	623.7	248.6	0.43364	2.2026E-03	1.19459	2.2972E-03	1.3
4	385.0	670.6	242.0	0.43370	2.3240E-03	1.19478	2.4600E-03	2.5
4	385.5	721.6	250.5	0.43377	2.4448E-03	1.19504	2.6783E-03	2.4
4	386.0	759.0	252.7	0.43382	2.6147E-03	1.19530	2.8967E-03	0.5
4	386.5	777.1	251.0	0.43379	2.5397E-03	1.19534	2.9292E-03	0.0
4	387.0	783.8	251.3	0.43382	2.6071E-03	1.19533	2.9227E-03	0.0
4	387.5	786.8	252.3	0.43383	2.6222E-03	1.19535	2.9357E-03	0.0
4	388.0	789.5	252.7	0.43383	2.6222E-03	1.19535	2.9390E-03	0.0
4	388.5	791.4	254.0	0.43387	2.7345E-03	1.19534	2.9292E-03	0.0
4	389.0	793.3	251.8	0.43384	2.6522E-03	1.19543	3.0009E-03	0.0
4	389.5	795.9	249.6	0.43386	2.7121E-03	1.19548	3.0432E-03	0.0
4	390.0	797.5	253.2	0.43385	2.6821E-03	1.19542	2.9944E-03	0.0
4	390.5	799.5	254.0	0.43386	2.7046E-03	1.19543	3.0474E-03	0.0
4	391.0	800.9	254.7	0.43380	2.5623E-03	1.19547	3.0368E-03	0.0
4	391.5	801.6	253.0	0.43386	2.7120E-03	1.19546	3.0334E-03	0.0
4	392.0	803.9	253.0	0.43384	2.6596E-03	1.19547	3.0368E-03	0.0
4	392.5	804.8	253.5	0.43386	2.7046E-03	1.19547	3.0368E-03	0.0
4	393.0	806.1	251.5	0.43386	2.7046E-03	1.19549	3.0562E-03	0.0
4	393.5	806.8	252.5	0.43392	2.8320E-03	1.19551	3.0694E-03	0.0
4	394.0	808.2	252.7	0.43385	2.6746E-03	1.19546	3.0269E-03	0.0
4	394.5	808.8	253.7	0.43387	2.7345E-03	1.19549	3.0531E-03	0.0
4	395.0	809.0	250.5	0.43383	2.6222E-03	1.19553	3.0889E-03	0.0
4	395.5	809.8	254.0	0.43393	2.8619E-03	1.19552	3.0792E-03	0.0
4	396.0	811.4	253.0	0.43391	2.8170E-03	1.19552	3.0824E-03	0.0
4	396.5	811.8	253.0	0.43383	2.6296E-03	1.19551	3.0725E-03	0.0
4	397.0	813.0	252.7	0.43392	2.8395E-03	1.19553	3.0921E-03	0.0
4	397.5	813.4	252.7	0.43392	2.8469E-03	1.19554	3.0954E-03	0.0
4	398.0	813.7	250.8	0.43385	2.6896E-03	1.19552	3.0759E-03	0.0
4	398.5	814.1	252.0	0.43384	2.6596E-03	1.19550	3.0595E-03	0.0
4	399.0	814.3	250.3	0.43385	2.6672E-03	1.19548	3.0432E-03	0.0
4	399.5	814.6	254.9	0.43380	2.5562E-03	1.19554	3.0954E-03	0.0
4	400.0	814.7	253.5	0.43384	2.6596E-03	1.19557	3.1240E-03	0.0
4	400.5	814.8	253.2	0.43385	2.6671E-03	1.19554	3.0986E-03	0.0
4	401.0	815.3	252.5	0.43385	2.6820E-03	1.19562	3.1605E-03	0.0
4	401.5	815.5	252.0	0.43386	2.7109E-03	1.19550	3.0661E-03	0.0
4	402.0	816.2	253.0	0.43391	2.8170E-03	1.19552	3.0758E-03	0.0
4	402.5	815.7	254.2	0.43395	2.8993E-03	1.19554	3.0986E-03	0.0
4	403.0	816.0	253.0	0.43395	2.8993E-03	1.19552	3.0824E-03	0.0
4	403.5	816.5	251.8	0.43403	3.0866E-03	1.19555	3.1052E-03	0.0
4	404.0	815.8	252.0	0.43389	2.7646E-03	1.19553	3.0421E-03	0.0
4	404.5	816.2	251.3	0.43400	3.0192E-03	1.19562	3.1638E-03	0.0
4	405.0	815.0	252.3	0.43394	2.8769E-03	1.19556	3.1117E-03	0.0
4	405.5	815.9	251.3	0.43401	3.0417E-03	1.19556	3.1117E-03	0.0
4	406.0	815.7	250.1	0.43395	2.9144E-03	1.19554	3.0987E-03	0.0
4	406.5	815.5	252.7	0.43386	2.6471E-03	1.19555	3.1051E-03	0.0
4	407.0	815.8	253.0	0.43397	2.9519E-03	1.19561	3.1541E-03	0.0
4	407.5	815.8	252.3	0.43391	2.8245E-03	1.19556	3.1117E-03	0.0
4	408.0	815.3	251.0	0.43394	2.8419E-03	1.19558	3.1312E-03	0.0
4	408.5	815.2	252.0	0.43396	2.4218E-03	1.19558	3.1287E-03	0.0
4	409.0	814.3	253.7	0.43388	2.7421E-03	1.19557	3.1215E-03	0.0
4	409.5	814.4	253.2	0.43398	2.9743E-03	1.19552	3.0758E-03	0.0
4	410.0	814.0	254.0	0.43395	2.8993E-03	1.19561	3.1541E-03	0.0

4	410.5	814.2	256.2	0.43342	2.8319E-03	1.19552	3.0758E-03	0.0
4	411.0	814.2	254.3	0.43340	3.0267E-03	1.19556	3.1117E-03	0.0
4	411.5	814.0	251.5	0.43398	2.9818E-03	1.19556	3.1149E-03	0.0
4	412.0	813.8	252.5	0.43399	2.9468E-03	1.19559	3.1378E-03	0.0
4	412.5	813.9	252.5	0.43401	3.0567E-03	1.19560	3.1475E-03	0.0
4	413.0	813.6	254.2	0.43396	2.9293E-03	1.19555	3.1084E-03	0.0
4	413.5	813.3	251.5	0.43391	2.8170E-03	1.19555	3.1019E-03	0.0
4	414.0	812.7	251.3	0.43397	2.9668E-03	1.19563	3.1702E-03	0.0
4	414.5	812.4	253.5	0.43394	2.8918E-03	1.19560	3.1443E-03	0.0
4	415.0	812.0	251.3	0.43394	2.8919E-03	1.19558	3.1312E-03	0.0
4	415.5	811.5	253.2	0.43393	2.8604E-03	1.19567	3.1214E-03	0.0
4	416.0	811.5	250.8	0.43385	2.6672E-03	1.19553	3.0889E-03	0.0
4	416.5	811.4	252.5	0.43382	2.6146E-03	1.19551	3.0694E-03	0.0
4	417.0	810.6	249.6	0.43388	2.7421E-03	1.19553	3.0856E-03	0.0
4	417.5	810.5	250.1	0.43387	2.7270E-03	1.19558	3.1312E-03	0.0
4	418.0	810.5	254.2	0.43397	2.9593E-03	1.19560	3.1442E-03	0.0
4	418.5	810.1	251.8	0.43397	2.9518E-03	1.19558	3.1312E-03	0.0
4	419.0	809.5	250.8	0.43387	2.7165E-03	1.19552	3.0791E-03	0.0
4	419.5	809.5	254.7	0.43393	2.8543E-03	1.19559	3.1345E-03	0.0
4	420.0	809.1	252.3	0.43392	2.8469E-03	1.19558	3.1280E-03	0.0
4	420.5	808.8	253.7	0.43388	2.7571E-03	1.19558	3.1279E-03	0.0
4	421.0	808.5	252.7	0.43391	2.8244E-03	1.19553	3.0921E-03	0.0
4	421.5	807.8	253.7	0.43388	2.7570E-03	1.19555	3.1084E-03	0.0
4	422.0	807.3	254.0	0.43387	2.7346E-03	1.19557	3.1214E-03	0.0
4	422.5	806.8	252.5	0.43388	2.7570E-03	1.19561	3.1541E-03	0.0
4	423.0	806.8	253.5	0.43386	2.7046E-03	1.19554	3.0954E-03	0.0
4	423.5	806.7	254.0	0.43387	2.7195E-03	1.19549	3.0562E-03	0.0
4	424.0	805.9	250.3	0.43387	2.7195E-03	1.19547	3.0408E-03	0.0
4	424.5	805.6	253.0	0.43392	2.8395E-03	1.19555	3.1052E-03	0.0
4	425.0	805.3	251.8	0.43390	2.7870E-03	1.19557	3.1215E-03	0.0
4	425.5	805.2	254.0	0.43396	2.9218E-03	1.19556	3.1117E-03	0.0
4	426.0	804.3	255.4	0.43395	2.9146E-03	1.19559	3.1345E-03	0.0
4	426.5	804.0	250.5	0.43391	2.8094E-03	1.19558	3.1280E-03	0.0
4	427.0	803.9	252.3	0.43387	2.7270E-03	1.19552	3.0824E-03	0.0
4	427.5	803.3	253.5	0.43388	2.5547E-03	1.19550	3.0596E-03	0.0
4	428.0	802.3	253.2	0.43391	2.8094E-03	1.19555	3.1085E-03	0.0
4	428.5	802.2	254.5	0.43393	2.8620E-03	1.19555	3.1052E-03	0.0
4	429.0	801.4	253.5	0.43384	2.6447E-03	1.19547	3.0367E-03	0.0
4	429.5	801.4	254.0	0.43387	2.7270E-03	1.19558	3.0986E-03	0.0
4	430.0	801.1	253.7	0.43385	2.6671E-03	1.19553	3.0922E-03	0.0
4	430.5	800.6	253.7	0.43382	2.6147E-03	1.19550	3.0661E-03	0.0
4	431.0	800.2	254.0	0.43385	2.6672E-03	1.19558	3.1084E-03	0.0
4	431.5	800.3	254.2	0.43385	2.6620E-03	1.19554	3.0954E-03	0.0
4	432.0	799.7	252.3	0.43378	2.5173E-03	1.19550	3.0628E-03	0.0
4	432.5	799.2	251.8	0.43374	2.4198E-03	1.19546	3.0269E-03	0.0
4	433.0	799.1	255.4	0.43375	2.4423E-03	1.19549	3.0531E-03	0.0
4	433.5	798.9	254.7	0.43381	2.5862E-03	1.19548	3.0466E-03	0.0
4	434.0	798.7	253.7	0.43373	2.3974E-03	1.19550	3.0628E-03	0.0
4	434.5	798.4	254.2	0.43377	2.4829E-03	1.19547	3.0408E-03	0.0
4	435.0	799.3	253.2	0.43384	2.6597E-03	1.19550	3.0595E-03	0.0
4	435.5	797.7	251.0	0.43376	2.4649E-03	1.19555	3.1052E-03	0.0
4	436.0	797.3	252.7	0.43386	2.7046E-03	1.19552	3.0791E-03	0.0
4	436.5	797.6	252.5	0.43388	2.5623E-03	1.19554	3.0954E-03	0.0
4	437.0	797.0	253.5	0.43387	2.7196E-03	1.19552	3.0758E-03	0.0
4	437.5	796.8	251.8	0.43385	2.6820E-03	1.19557	3.1248E-03	0.0
4	438.0	796.6	251.8	0.43384	2.6447E-03	1.19551	3.0694E-03	0.0
4	438.5	796.5	253.5	0.43379	2.5398E-03	1.19550	3.0628E-03	0.0
4	439.0	796.3	253.2	0.43380	2.5547E-03	1.19547	3.0368E-03	0.0
4	439.5	796.8	252.5	0.43385	2.6671E-03	1.19552	3.0758E-03	0.0
4	440.0	796.2	253.5	0.43384	2.6446E-03	1.19550	3.0628E-03	0.0
4	440.5	796.0	254.0	0.43385	2.6746E-03	1.19542	2.9944E-03	0.0
4	441.0	796.3	253.7	0.43385	2.6671E-03	1.19552	3.0791E-03	0.0
4	441.5	796.0	253.5	0.43384	2.6521E-03	1.19552	3.0791E-03	0.0
4	442.0	795.7	251.8	0.43377	2.4873E-03	1.19547	3.0367E-03	0.0
4	442.5	796.5	252.5	0.43382	2.6072E-03	1.19549	3.0531E-03	0.0
4	443.0	796.6	253.5	0.43376	2.4798E-03	1.19548	3.0498E-03	0.0

4	443.3	796.3	254.2	0.43383	2.8522E-03	1.19540	3.0269E-03	0.0
4	444.0	796.3	251.8	0.43389	2.7645E-03	1.19550	3.0661E-03	0.0
4	444.5	796.9	251.5	0.43395	2.3493E-03	1.19544	3.0531E-03	0.0
4	445.0	796.4	253.7	0.43395	2.9104E-03	1.19555	3.1051E-03	0.0
4	445.5	796.9	252.0	0.43393	2.8544E-03	1.19553	3.0856E-03	0.0
4	446.0	796.9	253.2	0.43398	2.9743E-03	1.19555	3.1051E-03	0.0
4	446.5	797.0	251.0	0.43399	2.9467E-03	1.19556	3.1117E-03	0.0
4	447.0	797.4	251.0	0.43396	2.9219E-03	1.19557	3.1215E-03	0.0
4	447.5	797.0	253.5	0.43402	3.0268E-03	1.19558	3.1279E-03	0.0
4	448.0	797.5	253.0	0.43392	2.8469E-03	1.19552	3.0792E-03	0.0
4	448.5	797.8	252.5	0.43391	2.8094E-03	1.19555	3.1019E-03	0.0
4	449.0	797.6	254.7	0.43394	2.8770E-03	1.19546	3.0302E-03	0.0
4	449.5	797.8	252.5	0.43393	2.8619E-03	1.19554	3.0986E-03	0.0
4	450.0	798.6	253.7	0.43393	2.8619E-03	1.19553	3.0856E-03	0.0
4	450.5	798.5	251.5	0.43392	2.8320E-03	1.19557	3.1247E-03	0.0
4	451.0	799.0	251.5	0.43392	2.8469E-03	1.19546	3.0335E-03	0.0
4	451.5	798.3	253.0	0.43392	2.8469E-03	1.19554	3.0986E-03	0.0
4	452.0	799.2	252.5	0.43392	2.8319E-03	1.19551	3.0694E-03	0.0
4	452.5	799.9	254.5	0.43392	2.8469E-03	1.19552	3.0758E-03	0.0
4	453.0	799.2	253.5	0.43394	2.8814E-03	1.19553	3.0921E-03	0.0
4	453.5	800.0	250.8	0.43397	2.9668E-03	1.19551	3.0726E-03	0.0
4	454.0	800.1	251.8	0.43393	2.8619E-03	1.19552	3.0792E-03	0.0
4	454.5	800.1	249.6	0.43393	2.8540E-03	1.19554	3.1345E-03	0.0
4	455.0	800.2	252.3	0.43393	2.8694E-03	1.19553	3.0856E-03	0.0
4	455.5	799.8	253.5	0.43389	2.7720E-03	1.19549	3.0531E-03	0.0
4	456.0	800.4	250.3	0.43391	2.8244E-03	1.19550	3.0628E-03	0.0
4	456.5	800.3	252.5	0.43386	2.7121E-03	1.19553	3.0856E-03	0.0
4	457.0	800.6	251.3	0.43395	2.9068E-03	1.19552	3.0759E-03	0.0
4	457.5	800.2	252.0	0.43398	2.7944E-03	1.19553	3.0889E-03	0.0
4	458.0	800.4	253.5	0.43389	2.7794E-03	1.19554	3.0955E-03	0.0
4	458.5	801.0	250.8	0.43384	2.7720E-03	1.19554	3.0954E-03	0.0
4	459.0	800.7	254.5	0.43385	2.6896E-03	1.19549	3.0563E-03	0.0
4	459.5	801.2	253.7	0.43391	2.8169E-03	1.19555	3.1019E-03	0.0
4	460.0	800.9	251.0	0.43392	2.8319E-03	1.19552	3.0824E-03	0.0
4	460.5	800.9	253.5	0.43393	2.8619E-03	1.19559	3.1378E-03	0.0
4	461.0	800.9	254.5	0.43391	2.8245E-03	1.19552	3.0791E-03	0.0
4	461.5	801.3	250.3	0.43393	2.8694E-03	1.19555	3.1084E-03	0.0
4	462.0	801.1	254.0	0.43389	2.7720E-03	1.19553	3.0921E-03	0.0
4	462.5	800.9	253.7	0.43384	2.6596E-03	1.19555	3.1019E-03	0.0
4	463.0	801.4	250.8	0.43392	2.8395E-03	1.19557	3.1215E-03	0.0
4	463.5	801.6	250.3	0.43394	2.8769E-03	1.19555	3.1019E-03	0.0
4	464.0	801.5	254.7	0.43392	2.8320E-03	1.19562	3.1671E-03	0.0
4	464.5	801.8	252.7	0.43395	2.9144E-03	1.19560	3.1442E-03	0.0
4	465.0	801.9	252.5	0.43391	2.8170E-03	1.19562	3.1638E-03	0.0
4	465.5	802.1	255.4	0.43387	2.7270E-03	1.19556	3.1117E-03	0.0
4	466.0	801.5	260.3	0.43386	2.7046E-03	1.19558	3.1279E-03	0.0
4	466.5	802.3	265.9	0.43388	2.7495E-03	1.19555	3.1085E-03	0.0
4	467.0	802.3	260.6	0.43392	2.8395E-03	1.19561	3.1541E-03	0.0
4	467.5	801.3	276.7	0.43392	2.8019E-03	1.19565	3.1899E-03	0.0
4	468.0	801.9	280.8	0.43392	2.8320E-03	1.19563	3.1736E-03	0.0
4	468.5	801.7	285.2	0.43391	2.8094E-03	1.19568	3.2160E-03	0.0
4	469.0	802.7	291.3	0.43393	2.8694E-03	1.19573	3.2550E-03	0.0
4	469.5	802.1	296.5	0.43391	2.8170E-03	1.19573	3.2583E-03	0.0
4	470.0	802.6	301.5	0.43395	2.8994E-03	1.19572	3.2453E-03	0.0
4	470.5	801.9	307.4	0.43392	2.8395E-03	1.19567	3.2029E-03	0.0
4	471.0	801.4	310.6	0.43395	2.8493E-03	1.19577	3.2876E-03	0.0
4	471.5	801.4	314.8	0.43391	2.8244E-03	1.19579	3.3072E-03	0.0
4	472.0	801.6	320.9	0.43389	2.7645E-03	1.19582	3.3299E-03	0.0
4	472.5	801.7	325.3	0.43390	2.7445E-03	1.19586	3.3690E-03	0.0
4	473.0	801.3	329.9	0.43384	2.6521E-03	1.19584	3.3495E-03	0.0
4	473.5	801.8	337.2	0.43393	2.8619E-03	1.19588	3.3820E-03	0.0
4	474.0	801.4	338.7	0.43387	2.7271E-03	1.19592	3.4183E-03	0.0
4	474.5	801.2	347.3	0.43383	2.6222E-03	1.19588	3.3821E-03	0.0
4	475.0	801.3	352.9	0.43388	2.7421E-03	1.19594	3.4309E-03	0.0
4	475.5	801.7	360.4	0.43388	2.7495E-03	1.19589	3.3919E-03	0.0
4	476.0	801.4	362.4	0.43389	2.7795E-03	1.19596	3.4505E-03	0.0

4	476.5	801.2	369.4	0.43363	2.6297E-03	1.19593	3.4277E-03	0.0
4	477.0	801.9	372.4	0.43367	2.7270E-03	1.19599	3.4734E-03	0.0
4	477.5	802.6	374.8	0.43386	2.7046E-03	1.19599	3.4733E-03	0.0
4	478.0	802.3	383.9	0.43381	2.5772E-03	1.19600	3.4831E-03	0.0
4	478.5	802.6	388.0	0.43382	2.5497E-03	1.19601	3.4929E-03	0.0
4	479.0	802.2	389.5	0.43380	2.5547E-03	1.19611	3.5776E-03	0.0
4	479.5	802.5	396.8	0.43388	2.7495E-03	1.19607	3.5450E-03	0.0
4	480.0	800.3	403.2	0.43376	2.4723E-03	1.19611	3.5744E-03	0.0
4	480.5	799.9	408.3	0.43384	2.6596E-03	1.19613	3.6461E-03	0.0
4	481.0	799.7	412.0	0.43374	2.4199E-03	1.19613	3.5940E-03	0.0
4	481.5	799.7	416.3	0.43387	2.7270E-03	1.19615	3.6102E-03	0.0
4	482.0	799.6	425.2	0.43375	2.4498E-03	1.19623	3.6722E-03	0.0
4	482.5	799.5	427.4	0.43378	2.5248E-03	1.19620	3.6461E-03	0.0
4	483.0	799.9	432.7	0.43376	2.4798E-03	1.19618	3.6297E-03	0.0
4	483.5	799.6	437.6	0.43374	2.4124E-03	1.19622	3.6655E-03	0.0
4	484.0	799.5	442.7	0.43374	2.4124E-03	1.19628	3.7210E-03	0.0
4	484.5	799.1	448.6	0.43376	2.4798E-03	1.19625	3.6949E-03	0.0
4	485.0	799.0	454.5	0.43377	2.4948E-03	1.19629	3.7275E-03	0.0
4	485.5	799.3	455.2	0.43367	2.2625E-03	1.19636	3.7861E-03	0.0
4	486.0	799.9	465.0	0.43376	2.4798E-03	1.19633	3.7601E-03	0.0
4	486.5	799.6	468.9	0.43366	2.2401E-03	1.19636	3.7628E-03	0.0
4	487.0	799.3	472.3	0.43373	2.3849E-03	1.19639	3.8122E-03	0.0
4	487.5	798.5	477.4	0.43373	2.3898E-03	1.19639	3.8057E-03	0.0
4	488.0	798.5	484.0	0.43358	2.0528E-03	1.19646	3.8643E-03	0.0
4	488.5	798.5	488.4	0.43364	2.1952E-03	1.19644	3.8481E-03	0.0
4	489.0	798.7	494.7	0.43357	2.0303E-03	1.19644	3.8545E-03	0.0
4	489.5	798.6	498.7	0.43370	2.3225E-03	1.19649	3.8905E-03	0.0
4	490.0	798.4	503.1	0.43371	2.3525E-03	1.19647	3.8741E-03	0.0
4	490.5	798.2	510.6	0.43367	2.2641E-03	1.19652	3.9165E-03	0.0
4	491.0	798.3	512.6	0.43366	2.2400E-03	1.19655	3.9459E-03	0.0
4	491.5	798.9	518.9	0.43362	2.1352E-03	1.19656	3.9556E-03	0.0
4	492.0	798.3	522.1	0.43367	2.2550E-03	1.19663	4.0077E-03	0.0
4	492.5	798.1	528.9	0.43364	2.1876E-03	1.19663	4.0077E-03	0.0
4	493.0	798.7	535.0	0.43369	2.2470E-03	1.19665	4.0272E-03	0.0
4	493.5	798.9	537.5	0.43366	2.2400E-03	1.19670	4.0729E-03	0.0
4	494.0	798.8	545.3	0.43362	2.1426E-03	1.19668	4.0533E-03	0.0
4	494.5	798.5	549.0	0.43364	2.1951E-03	1.19675	4.1120E-03	0.0
4	495.0	798.3	550.6	0.43361	2.1202E-03	1.19677	4.1282E-03	0.0
4	495.5	798.7	559.2	0.43369	2.3000E-03	1.19677	4.1250E-03	0.0
4	496.0	798.7	564.8	0.43367	2.2625E-03	1.19683	4.1771E-03	0.0
4	496.5	798.7	572.4	0.43372	2.3674E-03	1.19687	4.2097E-03	0.0
4	497.0	799.1	574.6	0.43369	2.3075E-03	1.19687	4.2163E-03	0.0
4	497.5	798.5	574.7	0.43372	2.3824E-03	1.19692	4.2521E-03	0.0
4	498.0	798.9	585.6	0.43374	2.4349E-03	1.19690	4.2358E-03	0.0
4	498.5	799.3	590.2	0.43380	2.5547E-03	1.19690	4.3075E-03	0.0
4	499.0	799.2	595.4	0.43373	2.4049E-03	1.19699	4.3172E-03	0.0
4	499.5	798.9	599.5	0.43376	2.4648E-03	1.19702	4.3368E-03	0.0
4	500.0	799.0	606.8	0.43365	2.2100E-03	1.19700	4.3237E-03	0.0
4	500.5	799.7	608.3	0.43363	2.1801E-03	1.19706	4.3727E-03	0.0
4	501.0	799.6	615.1	0.43364	2.2026E-03	1.19698	4.3075E-03	0.0
4	501.5	799.5	622.2	0.43368	2.2775E-03	1.19708	4.3857E-03	0.0
4	502.0	799.7	623.2	0.43368	2.2651E-03	1.19713	4.4280E-03	0.0
4	502.5	799.4	628.8	0.43375	2.4498E-03	1.19712	4.4215E-03	0.0
4	503.0	799.8	634.2	0.43362	2.1427E-03	1.19717	4.4638E-03	0.0
4	503.5	799.4	638.6	0.43363	2.1727E-03	1.19721	4.4997E-03	0.0
4	504.0	799.4	644.9	0.43363	2.1727E-03	1.19715	4.4508E-03	0.0
4	504.5	799.8	650.5	0.43363	2.1652E-03	1.19718	4.4736E-03	0.0
4	505.0	799.7	655.9	0.43358	2.0453E-03	1.19724	4.5225E-03	0.0

TEST 1, ISTART= 1 ISTOP=1011

TEST 5A

5	655.5	1001.1	51.0	0.43465	3.9835E-03	1.18505	2.1443E-03	0.5
5	656.0	1001.7	49.1	0.43459	3.8412E-03	1.18505	2.1509E-03	0.0
5	656.5	1001.4	51.3	0.43456	3.7013E-03	1.18503	2.1312E-03	0.0
5	657.0	1000.9	50.3	0.43453	3.6990E-03	1.18507	2.1640E-03	0.0
5	657.5	1000.5	51.6	0.43466	3.9910E-03	1.18509	2.1837E-03	0.0
5	658.0	999.9	49.6	0.43458	3.8112E-03	1.18495	2.0654E-03	0.0
5	658.5	998.8	52.3	0.43461	3.8862E-03	1.18511	2.1969E-03	0.0
5	659.0	999.8	54.9	0.43459	3.8412E-03	1.18505	2.1509E-03	0.0
5	659.5	999.0	54.2	0.43457	3.7962E-03	1.18501	2.1115E-03	0.5
5	660.0	998.7	55.9	0.43457	3.7888E-03	1.18508	2.1706E-03	0.0
5	660.5	998.1	56.9	0.43457	3.8037E-03	1.18507	2.1641E-03	0.0
5	661.0	998.4	59.1	0.43457	3.7962E-03	1.18505	2.1509E-03	0.0
5	661.5	997.9	57.1	0.43454	3.7214E-03	1.18511	2.1969E-03	0.0
5	662.0	997.6	60.3	0.43460	3.8561E-03	1.18511	2.1968E-03	0.5
5	662.5	998.1	60.1	0.43455	3.7439E-03	1.18508	2.1771E-03	1.0
5	663.0	997.6	61.1	0.43454	3.7214E-03	1.18506	2.1575E-03	0.0
5	663.5	997.9	62.5	0.43454	3.7214E-03	1.18508	2.1771E-03	0.0
5	664.0	997.1	61.3	0.43453	3.6990E-03	1.18503	2.1311E-03	0.5
5	664.5	996.9	63.7	0.43464	3.9535E-03	1.18512	2.2099E-03	0.0
5	665.0	996.7	65.7	0.43457	3.7963E-03	1.18516	2.2428E-03	0.0
5	665.5	996.4	64.5	0.43462	3.8712E-03	1.18511	2.1969E-03	0.0
5	666.0	996.4	69.6	0.43452	3.6690E-03	1.18510	2.1902E-03	0.5
5	666.5	996.9	68.6	0.43461	3.8061E-03	1.18513	2.2166E-03	0.0
5	667.0	996.3	69.4	0.43459	3.8411E-03	1.18510	2.1903E-03	0.0
5	667.5	996.4	69.1	0.43460	3.8637E-03	1.18515	2.2298E-03	0.5
5	668.0	996.7	67.4	0.43461	3.8862E-03	1.18519	2.2626E-03	0.0
5	668.5	996.8	74.7	0.43456	3.7589E-03	1.18513	2.2166E-03	0.0
5	669.0	996.7	71.6	0.43460	3.8712E-03	1.18512	2.2100E-03	0.0
5	669.5	997.0	75.2	0.43455	3.7364E-03	1.18512	2.2034E-03	0.0
5	670.0	996.6	77.4	0.43458	3.8187E-03	1.18516	2.2428E-03	0.0
5	670.5	996.9	73.5	0.43453	3.6914E-03	1.18505	2.1509E-03	0.0
5	671.0	996.7	77.7	0.43458	3.8112E-03	1.18515	2.2364E-03	0.0
5	671.5	997.2	80.8	0.43455	3.7513E-03	1.18515	2.2363E-03	0.0
5	672.0	996.9	78.1	0.43459	3.8487E-03	1.18522	2.2888E-03	0.5
5	672.5	997.5	81.8	0.43457	3.8038E-03	1.18520	2.2757E-03	0.0
5	673.0	997.2	79.6	0.43463	3.9236E-03	1.18519	2.2692E-03	0.0
5	673.5	997.3	79.9	0.43458	3.8262E-03	1.18516	2.2428E-03	1.0
5	674.0	998.2	82.5	0.43456	3.7813E-03	1.18522	2.2888E-03	0.0
5	674.5	997.7	85.0	0.43458	3.8112E-03	1.18527	2.3349E-03	0.0
5	675.0	998.5	86.0	0.43459	3.8411E-03	1.18519	2.2626E-03	0.0
5	675.5	998.3	88.2	0.43458	3.8263E-03	1.18526	2.3216E-03	0.0
5	676.0	998.6	86.7	0.43456	3.7737E-03	1.18524	2.3085E-03	0.0
5	676.5	998.9	91.3	0.43452	3.6840E-03	1.18525	2.3150E-03	0.0
5	677.0	999.0	90.6	0.43450	3.8263E-03	1.18522	2.2888E-03	0.0
5	677.5	998.4	89.4	0.43456	3.7738E-03	1.18523	2.3019E-03	0.0
5	678.0	999.0	93.5	0.43454	3.7139E-03	1.18533	2.3808E-03	0.0
5	678.5	1000.1	93.0	0.43450	3.6240E-03	1.18529	2.3545E-03	0.0
5	679.0	999.0	92.6	0.43452	3.6779E-03	1.18529	2.3545E-03	0.5
5	679.5	1000.5	96.5	0.43455	3.7364E-03	1.18529	2.3545E-03	0.0
5	680.0	1000.2	94.0	0.43454	3.8411E-03	1.18529	2.3545E-03	0.0
5	680.5	1000.3	96.5	0.43455	3.7513E-03	1.18526	2.3282E-03	0.0
5	681.0	1000.0	97.4	0.43454	3.8337E-03	1.18533	2.3873E-03	0.0
5	681.5	1000.0	99.6	0.43455	3.7363E-03	1.18522	2.2888E-03	0.0
5	682.0	1001.4	101.6	0.43451	3.6615E-03	1.18543	2.4727E-03	0.5
5	682.5	1001.0	101.8	0.43463	3.8561E-03	1.18543	2.4662E-03	0.0
5	683.0	1001.3	101.6	0.43450	3.7063E-03	1.18542	2.4596E-03	0.0
5	683.5	1001.2	101.3	0.43462	3.8085E-03	1.18540	2.4398E-03	0.5
5	684.0	1000.0	103.8	0.43454	3.7214E-03	1.18545	2.4858E-03	0.0
5	684.5	1002.3	107.0	0.43454	3.8188E-03	1.18542	2.4596E-03	0.0
5	685.0	1001.9	106.2	0.43457	3.7962E-03	1.18537	2.4201E-03	0.0
5	685.5	1001.7	108.2	0.43458	3.8187E-03	1.18536	2.4070E-03	0.0
5	686.0	1001.7	107.9	0.43456	3.7813E-03	1.18540	2.4465E-03	0.0

5	686,5	1001,1	111,1	0,43455	3,7513E-03	1,18541	2,4531E-03	0,0
5	687,0	1001,0	108,7	0,43456	3,7813E-03	1,18542	2,4596E-03	0,0
5	687,5	1001,1	110,4	0,43458	3,8263E-03	1,18536	2,4136E-03	0,0
5	688,0	1000,7	114,0	0,43456	3,7738E-03	1,18538	2,4267E-03	0,0
5	688,5	1000,8	110,1	0,43457	3,9037E-03	1,18536	2,4071E-03	0,0
5	689,0	1000,8	118,7	0,43457	3,7688E-03	1,18541	2,4531E-03	0,0
5	689,5	1000,8	114,5	0,43455	3,7363E-03	1,18533	2,3873E-03	0,0
5	690,0	1000,7	116,3	0,43461	3,8786E-03	1,18542	2,4596E-03	0,0
5	690,5	1000,4	120,6	0,43456	3,7663E-03	1,18552	2,5252E-03	0,0
5	691,0	1000,3	117,7	0,43457	3,7688E-03	1,18547	2,4990E-03	0,5
5	691,5	1000,3	123,3	0,43456	3,7580E-03	1,18543	2,4662E-03	0,0
5	692,0	1000,2	121,4	0,43459	3,8337E-03	1,18533	2,3808E-03	0,0
5	692,5	1000,0	122,1	0,43456	3,7589E-03	1,18544	2,4792E-03	0,0
5	693,0	999,9	122,3	0,43457	3,7963E-03	1,18540	2,4399E-03	0,5
5	693,5	999,9	120,9	0,43452	3,6765E-03	1,18543	2,4662E-03	0,0
5	694,0	1000,4	120,8	0,43459	3,8412E-03	1,18540	2,4464E-03	0,0
5	694,5	999,4	125,5	0,43453	3,6915E-03	1,18552	2,5450E-03	0,0
5	695,0	1000,1	125,5	0,43462	3,8712E-03	1,18547	2,5056E-03	0,0
5	695,5	1000,2	126,7	0,43459	3,8337E-03	1,18551	2,5384E-03	0,0
5	696,0	1000,0	129,7	0,43458	3,8263E-03	1,18548	2,5121E-03	0,0
5	696,5	1000,0	127,5	0,43452	3,6765E-03	1,18550	2,5253E-03	0,0
5	697,0	999,9	132,6	0,43456	3,7063E-03	1,18546	2,4924E-03	0,5
5	697,5	999,3	132,0	0,43452	3,6750E-03	1,18547	2,4990E-03	0,5
5	698,0	1000,1	135,3	0,43454	3,7213E-03	1,18543	2,4662E-03	0,0
5	698,5	999,6	134,8	0,43459	3,8411E-03	1,18561	2,6238E-03	0,0
5	699,0	999,2	131,9	0,43454	3,7214E-03	1,18554	2,5646E-03	0,5
5	699,5	999,6	135,3	0,43457	3,7963E-03	1,18549	2,5186E-03	0,0
5	700,0	999,3	139,9	0,43455	3,7363E-03	1,18550	2,5318E-03	0,0
5	700,5	999,5	135,8	0,43461	3,8861E-03	1,18557	2,5910E-03	0,0
5	701,0	998,9	141,4	0,43458	3,8112E-03	1,18550	2,5318E-03	0,0
5	701,5	999,5	142,1	0,43458	3,8187E-03	1,18558	2,5975E-03	0,0
5	702,0	999,0	135,3	0,43458	3,8113E-03	1,18557	2,5844E-03	0,0
5	702,5	998,7	143,1	0,43460	3,8636E-03	1,18548	2,5121E-03	0,0
5	703,0	999,3	140,7	0,43456	3,7589E-03	1,18554	2,5646E-03	0,0
5	703,5	999,9	143,8	0,43452	3,6765E-03	1,18565	2,6566E-03	0,0
5	704,0	998,9	144,8	0,43456	3,7663E-03	1,18559	2,6041E-03	0,0
5	704,5	998,4	145,8	0,43455	3,7513E-03	1,18560	2,6107E-03	0,0
5	705,0	998,8	144,8	0,43458	3,8263E-03	1,18564	2,6500E-03	0,0
5	705,5	998,9	149,5	0,43456	3,7588E-03	1,18564	2,6435E-03	0,0
5	706,0	998,8	149,9	0,43457	3,7888E-03	1,18564	2,6435E-03	0,0
5	706,5	998,6	150,4	0,43453	3,7664E-03	1,18564	2,6435E-03	0,0
5	707,0	998,4	150,7	0,43456	3,7588E-03	1,18557	2,5910E-03	0,0
5	707,5	998,4	152,9	0,43457	3,7963E-03	1,18569	2,6895E-03	0,0
5	708,0	997,6	154,8	0,43454	3,7139E-03	1,18569	2,6844E-03	0,0
5	708,5	997,7	152,9	0,43458	3,8188E-03	1,18571	2,7026E-03	0,0
5	709,0	998,1	157,8	0,43456	3,7812E-03	1,18570	2,6961E-03	0,0
5	709,5	998,1	156,5	0,43451	3,6465E-03	1,18566	2,6631E-03	0,0
5	710,0	998,4	156,5	0,43450	3,6316E-03	1,18571	2,7026E-03	0,5
5	710,5	997,6	156,8	0,43449	3,6016E-03	1,18568	2,6829E-03	0,5
5	711,0	998,2	158,7	0,43455	3,7439E-03	1,18575	2,7420E-03	0,5
5	711,5	998,1	158,2	0,43452	3,6839E-03	1,18570	2,6961E-03	0,5
5	712,0	998,5	162,1	0,43453	3,7664E-03	1,18575	2,7420E-03	0,5
5	712,5	998,5	162,1	0,43454	3,7289E-03	1,18569	2,6894E-03	0,0
5	713,0	998,3	162,6	0,43455	3,7364E-03	1,18568	2,6763E-03	0,0
5	713,5	998,8	166,1	0,43451	3,6465E-03	1,18575	2,7420E-03	0,0
5	714,0	998,7	166,5	0,43446	3,5941E-03	1,18573	2,7224E-03	0,0
5	714,5	998,8	169,7	0,43455	3,7439E-03	1,18576	2,7488E-03	0,0
5	715,0	998,9	166,8	0,43458	3,8262E-03	1,18578	2,7616E-03	0,0
5	715,5	998,7	170,7	0,43458	3,8263E-03	1,18580	2,7814E-03	0,0
5	716,0	998,7	170,7	0,43453	3,6915E-03	1,18582	2,8011E-03	0,0
5	716,5	999,1	168,0	0,43457	3,7688E-03	1,18581	2,7945E-03	0,0
5	717,0	998,3	171,7	0,43455	3,7363E-03	1,18578	2,7616E-03	0,0
5	717,5	999,2	174,1	0,43454	3,7214E-03	1,18584	2,8143E-03	0,0
5	718,0	999,6	172,0	0,43453	3,6915E-03	1,18581	2,7946E-03	0,0
5	718,5	999,3	174,6	0,43460	3,8635E-03	1,18585	2,8275E-03	0,0
5	719,0	998,9	172,2	0,43462	3,8711E-03	1,18587	2,8405E-03	0,0

5	714.5	998.9	175.6	0.43454	3.7214E-03	1.18580	2.7814E-03	0.0
5	720.0	998.7	175.8	0.43454	3.7139E-03	1.18581	2.7945E-03	0.0
5	720.5	999.0	177.0	0.43457	3.8038E-03	1.18588	2.8537E-03	0.0
5	721.0	999.3	181.4	0.43454	3.7139E-03	1.18593	2.8931E-03	0.0
5	721.5	999.0	178.4	0.43451	3.6540E-03	1.18588	2.8537E-03	0.0
5	722.0	998.6	180.2	0.43453	3.6914E-03	1.18591	2.8733E-03	0.5
5	722.5	999.0	182.4	0.43454	3.7214E-03	1.18591	2.8734E-03	0.0
5	723.0	999.2	184.6	0.43454	3.7138E-03	1.18596	2.9193E-03	0.0
5	723.5	999.6	187.3	0.43454	3.7214E-03	1.18590	2.8668E-03	0.0
5	724.0	999.4	184.1	0.43451	3.6540E-03	1.18585	2.8275E-03	0.5
5	724.5	998.8	185.6	0.43457	3.7888E-03	1.18593	2.8930E-03	0.0
5	725.0	998.8	184.4	0.43459	3.8411E-03	1.18596	2.9193E-03	0.0
5	725.5	999.2	189.7	0.43460	3.8561E-03	1.18600	2.9522E-03	0.0
5	726.0	999.3	190.2	0.43456	3.7663E-03	1.18601	2.9588E-03	0.0
5	726.5	999.8	194.4	0.43451	3.6615E-03	1.18602	2.9719E-03	0.0
5	727.0	999.7	192.2	0.43456	3.7589E-03	1.18603	2.9785E-03	0.0
5	727.5	999.5	194.9	0.43454	3.7288E-03	1.18598	2.9324E-03	0.0
5	728.0	999.7	194.4	0.43454	3.7139E-03	1.18594	2.8996E-03	0.0
5	728.5	999.7	194.9	0.43454	3.7214E-03	1.18601	2.9588E-03	0.0
5	729.0	999.9	196.3	0.43458	3.8263E-03	1.18607	3.0113E-03	0.0
5	729.5	999.7	194.6	0.43456	3.7589E-03	1.18606	3.0047E-03	0.5
5	730.0	999.1	198.3	0.43448	3.5866E-03	1.18603	2.9785E-03	1.0
5	730.5	999.6	198.5	0.43454	3.7288E-03	1.18616	3.0836E-03	0.0
5	731.0	999.3	199.3	0.43454	3.7214E-03	1.18613	3.0639E-03	0.5
5	731.5	999.6	202.7	0.43453	3.6989E-03	1.18607	3.0113E-03	0.0
5	732.0	1000.1	203.0	0.43457	3.8038E-03	1.18609	3.0244E-03	0.0
5	732.5	999.6	206.3	0.43456	3.7663E-03	1.18604	2.9850E-03	0.6
5	733.0	1000.6	204.2	0.43454	3.7138E-03	1.18610	3.0376E-03	0.0
5	733.5	999.6	204.2	0.43450	3.6390E-03	1.18609	3.0310E-03	0.0
5	734.0	999.2	206.3	0.43448	3.5792E-03	1.18611	3.0441E-03	0.0
5	734.5	999.5	203.7	0.43447	3.5716E-03	1.18614	3.0705E-03	0.5
5	735.0	999.5	208.3	0.43456	3.7663E-03	1.18623	3.1426E-03	0.0
5	735.5	998.9	209.0	0.43451	3.6540E-03	1.18612	3.0506E-03	0.0
5	736.0	998.9	207.3	0.43449	3.6091E-03	1.18617	3.0967E-03	0.0
5	736.5	999.6	212.2	0.43448	3.5791E-03	1.18624	3.1557E-03	0.0
5	737.0	999.9	212.7	0.43452	3.6690E-03	1.18615	3.0770E-03	0.0
5	737.5	999.5	211.7	0.43452	3.6090E-03	1.18619	3.1099E-03	0.0
5	738.0	999.9	213.4	0.43450	3.6390E-03	1.18623	3.1491E-03	0.5
5	738.5	999.7	214.9	0.43450	3.6390E-03	1.18625	3.1623E-03	0.0
5	739.0	999.9	217.1	0.43453	3.7064E-03	1.18619	3.1099E-03	0.0
5	739.5	999.3	217.6	0.43450	3.6241E-03	1.18625	3.1623E-03	0.0
5	740.0	999.2	218.8	0.43447	3.5716E-03	1.18619	3.1097E-03	0.0
5	740.5	999.3	218.3	0.43453	3.6989E-03	1.18623	3.1491E-03	0.5
5	741.0	999.6	219.5	0.43453	3.6914E-03	1.18629	3.1952E-03	0.5
5	741.5	999.7	221.2	0.43453	3.6914E-03	1.18625	3.1623E-03	0.0
5	742.0	999.5	221.7	0.43450	3.6316E-03	1.18622	3.1360E-03	0.0
5	742.5	999.6	224.9	0.43449	3.6165E-03	1.18627	3.1756E-03	0.0
5	743.0	998.9	223.2	0.43449	3.6166E-03	1.18633	3.2280E-03	0.0
5	743.5	998.5	226.6	0.43451	3.6540E-03	1.18630	3.2018E-03	0.0
5	744.0	999.2	226.9	0.43446	3.5416E-03	1.18627	3.1821E-03	0.0
5	744.5	999.1	225.9	0.43448	3.5866E-03	1.18634	3.2411E-03	0.5
5	745.0	998.6	228.3	0.43451	3.6540E-03	1.18636	3.2543E-03	0.0
5	745.5	999.4	226.9	0.43450	3.6390E-03	1.18631	3.2149E-03	0.5
5	746.0	998.9	231.0	0.43452	3.6689E-03	1.18633	3.2281E-03	0.5
5	746.5	999.3	232.0	0.43450	3.6316E-03	1.18634	3.2412E-03	0.0
5	747.0	999.5	229.1	0.43451	3.6615E-03	1.18625	3.1623E-03	0.0
5	747.5	999.3	234.7	0.43454	3.7139E-03	1.18634	3.2346E-03	0.0
5	748.0	999.2	235.2	0.43451	3.6465E-03	1.18638	3.2740E-03	0.0
5	748.5	999.6	234.7	0.43453	3.7064E-03	1.18632	3.2214E-03	0.0
5	749.0	998.6	235.7	0.43448	3.5790E-03	1.18640	3.2871E-03	0.0
5	749.5	999.6	237.6	0.43447	3.5568E-03	1.18636	3.2543E-03	0.0
5	750.0	999.3	234.7	0.43451	3.6615E-03	1.18647	3.3463E-03	0.0
5	750.5	999.5	237.9	0.43445	3.5267E-03	1.18645	3.3331E-03	0.0
5	751.0	999.6	242.0	0.43449	3.6165E-03	1.18644	3.3266E-03	0.0
5	751.5	999.7	242.7	0.43451	3.6464E-03	1.18645	3.3332E-03	0.0
5	752.0	999.1	242.5	0.43449	3.6165E-03	1.18652	3.3921E-03	0.0

5	752.5	999.0	244.0	0.43454	3.7284E-03	1.18660	3.3543E-03	0.5
5	753.0	999.1	246.4	0.43452	3.6765E-03	1.18647	3.3463E-03	0.0
5	753.5	1000.3	245.4	0.43452	3.6834E-03	1.18652	3.3922E-03	0.5
5	754.0	999.9	244.0	0.43444	3.4964E-03	1.18647	3.3528E-03	0.5
5	754.5	999.8	250.8	0.43451	3.6465E-03	1.18650	3.3725E-03	0.0
5	755.0	999.5	246.2	0.43448	3.5066E-03	1.18650	3.3725E-03	0.0
5	755.5	999.6	249.3	0.43445	3.5267E-03	1.18655	3.4186E-03	0.0
5	756.0	999.0	252.0	0.43448	3.5865E-03	1.18653	3.3987E-03	0.0
5	756.5	999.5	246.4	0.43451	3.6466E-03	1.18654	3.4120E-03	0.0
5	757.0	999.2	253.7	0.43444	3.4967E-03	1.18653	3.3987E-03	0.0
5	757.5	999.6	254.5	0.43447	3.5716E-03	1.18657	3.4316E-03	0.0
5	758.0	999.4	251.0	0.43451	3.6016E-03	1.18659	3.4514E-03	0.0
5	758.5	999.1	254.7	0.43443	3.4668E-03	1.18656	3.4251E-03	0.0
5	759.0	999.9	251.8	0.43449	3.6016E-03	1.18665	3.4970E-03	0.0
5	759.5	999.3	258.4	0.43451	3.6014E-03	1.18658	3.4448E-03	0.0
5	760.0	999.4	256.4	0.43448	3.5941E-03	1.18661	3.4645E-03	0.0
5	760.5	999.1	259.1	0.43451	3.6015E-03	1.18667	3.5170E-03	0.0
5	761.0	999.9	261.0	0.43453	3.6490E-03	1.18663	3.4842E-03	0.0
5	761.5	999.6	259.8	0.43454	3.7214E-03	1.18663	3.4842E-03	0.0
5	762.0	999.8	263.7	0.43449	3.6091E-03	1.18662	3.4580E-03	0.0
5	762.5	999.4	264.5	0.43451	3.6465E-03	1.18662	3.4775E-03	0.0
5	763.0	999.8	263.5	0.43449	3.6165E-03	1.18665	3.4973E-03	0.0
5	763.5	999.1	265.4	0.43452	3.6840E-03	1.18675	3.5892E-03	0.0
5	764.0	999.7	265.2	0.43449	3.6016E-03	1.18668	3.5236E-03	0.0
5	764.5	999.5	266.9	0.43449	3.6016E-03	1.18672	3.5564E-03	0.0
5	765.0	999.0	267.9	0.43447	3.5716E-03	1.18670	3.5433E-03	0.5
5	765.5	999.8	267.4	0.43453	3.6900E-03	1.18675	3.5827E-03	0.0
5	766.0	999.9	270.1	0.43448	3.5941E-03	1.18672	3.5630E-03	1.0
5	766.5	999.0	272.0	0.43448	3.5790E-03	1.18670	3.5433E-03	0.0
5	767.0	999.2	273.7	0.43445	3.5267E-03	1.18676	3.5958E-03	0.0
5	767.5	999.0	275.7	0.43448	3.5791E-03	1.18668	3.5235E-03	0.0
5	768.0	999.6	274.7	0.43447	3.5642E-03	1.18683	3.6549E-03	0.0
5	768.5	999.4	275.9	0.43445	3.5192E-03	1.18678	3.6089E-03	0.0
5	769.0	999.2	277.7	0.43448	3.5866E-03	1.18681	3.6351E-03	0.0
5	769.5	999.8	277.2	0.43448	3.5792E-03	1.18690	3.7141E-03	0.0
5	770.0	999.3	278.4	0.43446	3.5417E-03	1.18688	3.6944E-03	0.0
5	770.5	999.1	281.1	0.43448	3.5791E-03	1.18698	3.7798E-03	0.0
5	771.0	999.1	278.1	0.43442	3.4368E-03	1.18688	3.6943E-03	0.0
5	771.5	999.7	282.3	0.43447	3.5716E-03	1.18683	3.6550E-03	0.0
5	772.0	999.9	283.0	0.43448	3.5790E-03	1.18682	3.6417E-03	0.0
5	772.5	999.5	278.9	0.43448	3.5941E-03	1.18687	3.6878E-03	0.0
5	773.0	999.5	285.0	0.43450	3.6240E-03	1.18690	3.7140E-03	0.0
5	773.5	999.4	284.7	0.43448	3.5866E-03	1.18686	3.6746E-03	0.0
5	774.0	999.3	286.4	0.43444	3.4418E-03	1.18696	3.7665E-03	0.5
5	774.5	999.0	287.2	0.43449	3.6165E-03	1.18688	3.6943E-03	0.0
5	775.0	999.6	286.4	0.43447	3.5641E-03	1.18697	3.7731E-03	0.0
5	775.5	999.4	289.9	0.43449	3.6016E-03	1.18691	3.7206E-03	0.0
5	776.0	999.5	288.4	0.43440	3.3920E-03	1.18689	3.7075E-03	0.0
5	776.5	999.9	288.6	0.43444	3.4966E-03	1.18695	3.7534E-03	0.0
5	777.0	999.9	293.5	0.43444	3.4964E-03	1.18704	3.8323E-03	0.5
5	777.5	999.4	292.6	0.43443	3.4669E-03	1.18702	3.8126E-03	0.0
5	778.0	999.8	295.0	0.43446	3.5416E-03	1.18696	3.7606E-03	0.0
5	778.5	999.6	293.5	0.43446	3.5341E-03	1.18704	3.8323E-03	0.5
5	779.0	999.2	297.7	0.43442	3.4518E-03	1.18704	3.8323E-03	0.0
5	779.5	999.1	296.2	0.43447	3.5716E-03	1.18710	3.8782E-03	0.0
5	780.0	999.9	300.4	0.43442	3.4369E-03	1.18704	3.8322E-03	0.0
5	780.5	999.0	303.1	0.43439	3.4644E-03	1.18703	3.8257E-03	0.0
5	781.0	999.7	299.6	0.43442	3.4518E-03	1.18710	3.8783E-03	0.0

TF-- 1, ISTART= 1 ISTOP=1563

TEST 5B

5	600.0	1013.4	43.7	0.43503	4.2654E-03	1.17810	3.2143E-03	0.0
5	600.5	1012.9	45.4	0.43504	4.2804E-03	1.17812	3.2309E-03	0.0
5	601.0	1012.8	46.6	0.43501	4.2131E-03	1.17810	3.2177E-03	0.0
5	601.5	1012.3	43.2	0.43501	4.2131E-03	1.17808	3.1978E-03	0.0
5	602.0	1011.2	44.7	0.43499	4.1681E-03	1.17807	3.1878E-03	0.0
5	602.5	1011.0	44.2	0.43500	4.1031E-03	1.17809	3.2044E-03	0.0
5	603.0	1011.1	44.2	0.43498	4.1457E-03	1.17805	3.1714E-03	0.0
5	603.5	1010.4	44.4	0.43502	4.2281E-03	1.17804	3.1681E-03	0.0
5	604.0	1010.0	44.7	0.43499	4.1607E-03	1.17810	3.2144E-03	0.0
5	604.5	1009.6	48.4	0.43498	4.1382E-03	1.17810	3.2103E-03	0.0
5	605.0	1009.0	47.6	0.43501	4.2130E-03	1.17809	3.2078E-03	0.0
5	605.5	1008.4	49.8	0.43499	4.1681E-03	1.17810	3.2143E-03	0.0
5	606.0	1008.1	49.6	0.43499	4.1682E-03	1.17813	3.2408E-03	0.0
5	606.5	1007.7	49.3	0.43501	4.1981E-03	1.17814	3.2474E-03	0.0
5	607.0	1007.2	54.5	0.43490	4.1457E-03	1.17809	3.2111E-03	0.0
5	607.5	1007.2	53.5	0.43500	4.1756E-03	1.17809	3.2110E-03	0.0
5	608.0	1006.6	54.7	0.43498	4.1457E-03	1.17811	3.2210E-03	0.0
5	608.5	1005.7	56.9	0.43496	4.1008E-03	1.17804	3.1647E-03	0.0
5	609.0	1005.9	58.4	0.43496	4.1008E-03	1.17811	3.2275E-03	0.0
5	609.5	1004.5	57.1	0.43497	4.1158E-03	1.17807	3.1878E-03	0.0
5	610.0	1004.4	58.1	0.43497	4.1083E-03	1.17809	3.2044E-03	0.0
5	610.5	1004.2	59.3	0.43498	4.1382E-03	1.17813	3.2375E-03	0.0
5	611.0	1003.4	60.8	0.43498	4.1382E-03	1.17812	3.2343E-03	0.0
5	611.5	1003.1	61.5	0.43498	4.1382E-03	1.17818	3.2871E-03	0.0
5	612.0	1002.6	62.3	0.43494	4.0409E-03	1.17811	3.2276E-03	0.0
5	612.5	1002.1	62.5	0.43493	4.0259E-03	1.17818	3.2839E-03	0.0
5	613.0	1001.8	63.5	0.43493	4.0185E-03	1.17813	3.2408E-03	0.0
5	613.5	1001.7	64.7	0.43490	3.9511E-03	1.17813	3.2441E-03	0.0
5	614.0	1001.1	67.2	0.43491	3.9811E-03	1.17817	3.2772E-03	0.0
5	614.5	1001.5	68.1	0.43492	4.0035E-03	1.17822	3.3201E-03	0.0
5	615.0	1000.9	68.9	0.43489	3.9287E-03	1.17813	3.2375E-03	0.0
5	615.5	1001.0	73.0	0.43494	4.0484E-03	1.17816	3.2672E-03	0.0
5	616.0	1000.5	69.4	0.43492	3.9885E-03	1.17822	3.3202E-03	0.0
5	616.5	999.9	71.1	0.43489	3.9287E-03	1.17819	3.2904E-03	0.0
5	617.0	999.8	72.8	0.43490	3.9437E-03	1.17813	3.2375E-03	0.0
5	617.5	998.6	74.2	0.43487	3.8763E-03	1.17820	3.2971E-03	0.0
5	618.0	998.2	73.3	0.43492	4.0110E-03	1.17825	3.3467E-03	0.0
5	618.5	998.4	75.0	0.43491	3.9736E-03	1.17819	3.2904E-03	0.0
5	619.0	998.9	77.9	0.43488	3.8988E-03	1.17816	3.2640E-03	0.0
5	619.5	998.1	76.4	0.43487	3.8763E-03	1.17820	3.3004E-03	0.0
5	620.0	998.0	77.7	0.43486	3.8688E-03	1.17814	3.2494E-03	0.0
5	620.5	997.8	80.1	0.43488	3.9063E-03	1.17816	3.2639E-03	0.0
5	621.0	997.7	80.3	0.43492	3.9961E-03	1.17815	3.2574E-03	0.0
5	621.5	997.5	82.3	0.43490	3.9511E-03	1.17823	3.3235E-03	0.0
5	622.0	998.1	82.3	0.43491	3.9735E-03	1.17814	3.2474E-03	0.0
5	622.5	997.9	82.5	0.43495	4.0634E-03	1.17823	3.3235E-03	0.0
5	623.0	998.1	82.3	0.43494	4.0483E-03	1.17828	3.3698E-03	0.0
5	623.5	998.4	85.5	0.43489	3.9287E-03	1.17825	3.3433E-03	0.0
5	624.0	998.0	85.5	0.43493	4.0534E-03	1.17826	3.3500E-03	0.0
5	624.5	998.1	88.6	0.43492	3.9685E-03	1.17827	3.3565E-03	0.0
5	625.0	998.2	87.4	0.43492	3.9685E-03	1.17831	3.3928E-03	0.0
5	625.5	998.4	89.1	0.43490	3.9437E-03	1.17825	3.3465E-03	0.0
5	626.0	998.4	91.6	0.43492	4.0035E-03	1.17827	3.3566E-03	0.0
5	626.5	998.2	90.1	0.43488	3.8988E-03	1.17823	3.3268E-03	0.0
5	627.0	998.2	92.8	0.43488	3.8987E-03	1.17825	3.3465E-03	0.0
5	627.5	998.3	94.5	0.43491	3.9811E-03	1.17834	3.4226E-03	0.0
5	628.0	998.5	93.0	0.43489	3.9561E-03	1.17825	3.3433E-03	0.0
5	628.5	998.6	95.5	0.43488	3.9136E-03	1.17831	3.3930E-03	0.0
5	629.0	998.6	97.2	0.43489	3.9213E-03	1.17829	3.3797E-03	0.0
5	629.5	998.1	97.2	0.43492	4.0035E-03	1.17829	3.3731E-03	0.0
5	630.0	998.2	98.4	0.43492	3.9461E-03	1.17834	3.4161E-03	0.0
5	630.5	998.5	99.9	0.43491	3.9736E-03	1.17831	3.3962E-03	0.0

5	631.0	998.1	102.5	0.43441	3.4735E-03	1.17830	3.3630E-03	0.0
5	631.5	999.1	100.6	0.43469	3.9213E-03	1.17831	3.3929E-03	0.0
5	632.0	998.3	104.5	0.43441	3.9661E-03	1.17834	3.4194E-03	0.0
5	632.5	998.3	103.1	0.43441	3.9661E-03	1.17832	3.4061E-03	0.0
5	633.0	998.6	106.4	0.43491	3.9736E-03	1.17953	3.4333E-03	0.0
5	633.5	998.2	105.7	0.43488	3.9137E-03	1.17838	3.4525E-03	0.0
5	634.0	998.6	106.7	0.43493	4.0185E-03	1.17840	3.4690E-03	0.0
5	634.5	998.3	109.9	0.43494	4.0410E-03	1.17842	3.4888E-03	0.0
5	635.0	998.5	107.9	0.43442	4.0109E-03	1.17843	3.4987E-03	0.0
5	635.5	998.7	109.2	0.43493	4.0259E-03	1.17839	3.4590E-03	0.0
5	636.0	998.6	113.1	0.43442	3.9960E-03	1.17836	3.4392E-03	0.0
5	636.5	998.3	109.4	0.43491	3.9736E-03	1.17836	3.4593E-03	0.0
5	637.0	998.3	113.1	0.43492	4.0109E-03	1.17839	3.4623E-03	0.0
5	637.5	998.3	113.1	0.43489	3.9287E-03	1.17833	3.4128E-03	0.0
5	638.0	998.4	113.8	0.43490	3.9511E-03	1.17833	3.4128E-03	0.0
5	638.5	998.2	115.8	0.43489	3.9211E-03	1.17834	3.4161E-03	0.0
5	639.0	998.6	117.2	0.43490	3.9511E-03	1.17841	3.4822E-03	0.0
5	639.5	998.4	120.6	0.43492	4.0035E-03	1.17835	3.4326E-03	0.0
5	640.0	999.0	117.5	0.43492	3.9959E-03	1.17840	3.4723E-03	0.0
5	640.5	998.5	121.6	0.43491	3.9735E-03	1.17048	3.5351E-03	0.0
5	641.0	998.4	122.8	0.43487	3.8838E-03	1.17842	3.4889E-03	0.0
5	641.5	998.8	117.0	0.43488	3.9137E-03	1.17842	3.4855E-03	0.0
5	642.0	999.1	123.6	0.43487	3.8762E-03	1.17842	3.4922E-03	0.0
5	642.5	998.9	124.1	0.43486	3.8538E-03	1.17847	3.5285E-03	0.0
5	643.0	998.0	127.0	0.43488	3.8486E-03	1.17842	3.4889E-03	0.0
5	643.5	998.3	126.8	0.43490	3.9511E-03	1.17849	3.5516E-03	0.0
5	644.0	998.3	128.2	0.43492	3.9885E-03	1.17847	3.5286E-03	0.0
5	644.5	998.2	130.4	0.43491	3.9810E-03	1.17846	3.5252E-03	0.0
5	645.0	998.3	126.7	0.43487	3.8913E-03	1.17848	3.5418E-03	0.0
5	645.5	998.3	129.9	0.43490	3.9586E-03	1.17855	3.5980E-03	0.0
5	646.0	998.2	130.9	0.43490	3.9586E-03	1.17846	3.5252E-03	0.0
5	646.5	998.5	132.4	0.43489	3.9361E-03	1.17851	3.5616E-03	0.0
5	647.0	998.1	132.4	0.43492	3.9885E-03	1.17855	3.6012E-03	0.0
5	647.5	998.4	135.8	0.43491	3.9885E-03	1.17849	3.5516E-03	0.0
5	648.0	998.1	139.2	0.43490	3.9511E-03	1.17856	3.4046E-03	0.0
5	648.5	998.3	133.8	0.43489	3.9212E-03	1.17853	3.5781E-03	0.0
5	649.0	998.4	136.5	0.43490	3.9586E-03	1.17855	3.5947E-03	0.0
5	649.5	998.6	138.0	0.43489	3.9212E-03	1.17855	3.5947E-03	0.0
5	650.0	998.6	139.7	0.43490	3.9511E-03	1.17857	3.6144E-03	0.0
5	650.5	998.9	139.9	0.43489	3.9362E-03	1.17857	3.6179E-03	0.0
5	651.0	998.6	140.2	0.43491	3.9735E-03	1.17852	3.5715E-03	0.0
5	651.5	998.7	144.3	0.43490	3.9437E-03	1.17854	3.5913E-03	0.0
5	652.0	998.4	142.1	0.43492	3.9401E-03	1.17862	3.6575E-03	0.0
5	652.5	998.4	142.9	0.43489	3.9287E-03	1.17863	3.6641E-03	0.0
5	653.0	998.9	147.3	0.43491	3.9411E-03	1.17858	3.6211E-03	0.0
5	653.5	998.6	146.8	0.43495	4.0634E-03	1.17868	3.7070E-03	0.0
5	654.0	998.9	149.0	0.43490	3.9436E-03	1.17858	3.6244E-03	0.0
5	654.5	998.4	148.2	0.43492	3.9961E-03	1.17873	3.7501E-03	0.0
5	655.0	998.9	151.2	0.43491	3.9661E-03	1.17872	3.7402E-03	0.0
5	655.5	998.7	150.7	0.43492	3.9885E-03	1.17870	3.7237E-03	0.0
5	656.0	998.4	150.4	0.43492	4.0035E-03	1.17866	3.6438E-03	0.0
5	656.5	998.2	153.4	0.43492	3.9460E-03	1.17865	3.6806E-03	0.0
5	657.0	998.7	149.7	0.43494	4.0410E-03	1.17869	3.7204E-03	0.0
5	657.5	998.4	157.3	0.43494	4.0559E-03	1.17866	3.6938E-03	0.0
5	658.0	998.4	155.8	0.43493	4.0259E-03	1.17875	3.7666E-03	0.0
5	658.5	998.5	154.3	0.43490	3.9436E-03	1.17871	3.7369E-03	0.0
5	659.0	999.0	160.2	0.43489	3.9287E-03	1.17868	3.7134E-03	0.0
5	659.5	998.4	155.8	0.43486	3.8538E-03	1.17869	3.7204E-03	0.0
5	660.0	998.7	159.7	0.43486	3.8538E-03	1.17869	3.7204E-03	0.0
5	660.5	999.0	160.7	0.43490	3.9511E-03	1.17873	3.7534E-03	0.0
5	661.0	998.3	160.2	0.43488	3.9137E-03	1.17875	3.7733E-03	0.0
5	661.5	998.6	164.6	0.43487	3.8762E-03	1.17875	3.7666E-03	0.0
5	662.0	998.8	160.9	0.43485	3.8464E-03	1.17873	3.7501E-03	0.0
5	662.5	998.5	165.6	0.43487	3.8763E-03	1.17877	3.7865E-03	0.0
5	663.0	998.9	163.6	0.43487	3.8763E-03	1.17877	3.7831E-03	0.0
5	663.5	998.2	162.4	0.43485	3.8464E-03	1.17872	3.7434E-03	0.0

5	664.0	998.1	167.0	0.43407	3.8163E-03	1.17874	3.7447E-03	0.0
5	664.5	998.6	168.3	0.43493	3.9511E-03	1.17884	3.8463E-03	0.0
5	665.0	998.3	170.2	0.43486	3.8988E-03	1.17887	3.8691E-03	0.0
5	665.5	998.6	168.7	0.43486	3.8538E-03	1.17882	3.8294E-03	0.0
5	666.0	998.7	173.1	0.43464	3.8089E-03	1.17887	3.8724E-03	0.0
5	666.5	998.3	172.9	0.43469	3.9212E-03	1.17882	3.8261E-03	0.0
5	667.0	998.8	171.9	0.43486	3.8538E-03	1.17884	3.8459E-03	0.0
5	667.5	999.3	176.1	0.43486	3.8538E-03	1.17882	3.8262E-03	0.0
5	668.0	998.5	175.6	0.43469	3.9212E-03	1.17887	3.8691E-03	0.0
5	668.5	998.4	179.7	0.43486	3.8538E-03	1.17891	3.9022E-03	0.0
5	669.0	998.6	177.8	0.43485	3.8314E-03	1.17891	3.9055E-03	0.0
5	669.5	999.1	178.0	0.43486	3.8613E-03	1.17888	3.8823E-03	0.0
5	670.0	999.4	179.5	0.43485	3.8314E-03	1.17889	3.8890E-03	0.0
5	670.5	999.0	179.5	0.43485	3.8463E-03	1.17896	3.9517E-03	0.0
5	671.0	999.0	181.7	0.43481	3.7431E-03	1.17885	3.8559E-03	0.0
5	671.5	998.6	181.2	0.43483	3.7864E-03	1.17892	3.9155E-03	0.0
5	672.0	998.8	182.9	0.43483	3.7864E-03	1.17894	3.9320E-03	0.0
5	672.5	998.8	184.4	0.43485	3.8388E-03	1.17898	3.9617E-03	0.0
5	673.0	999.2	187.3	0.43463	3.8014E-03	1.17895	3.9352E-03	0.0
5	673.5	998.5	186.0	0.43484	3.8164E-03	1.17891	3.9056E-03	0.0
5	674.0	998.4	185.6	0.43485	3.8314E-03	1.17899	3.9750E-03	0.0
5	674.5	998.8	189.7	0.43484	3.8240E-03	1.17896	3.9518E-03	0.0
5	675.0	999.0	189.3	0.43486	3.8613E-03	1.17900	3.9848E-03	0.0
5	676.5	999.1	192.7	0.43481	3.7492E-03	1.17894	3.9286E-03	0.0
5	677.0	998.7	196.6	0.43484	3.8239E-03	1.17900	3.9848E-03	0.0
5	677.5	998.9	193.9	0.43482	3.7790E-03	1.17900	3.9848E-03	0.0
5	678.0	998.6	196.1	0.43486	3.9062E-03	1.17903	4.0047E-03	0.0
5	678.5	999.1	195.8	0.43485	3.8464E-03	1.17902	3.9944E-03	0.0
5	679.0	999.0	196.1	0.43483	3.7940E-03	1.17898	3.9650E-03	0.0
5	679.5	999.2	198.3	0.43486	3.8538E-03	1.17905	4.0285E-03	0.0
5	680.0	999.0	201.7	0.43487	3.8913E-03	1.17901	3.9915E-03	0.0
5	680.5	999.5	204.6	0.43487	3.8838E-03	1.17907	4.0411E-03	0.0
5	681.0	998.8	201.7	0.43486	3.8538E-03	1.17902	3.9980E-03	0.0
5	681.5	999.3	204.6	0.43483	3.8015E-03	1.17908	4.0510E-03	0.0
5	682.0	999.5	204.6	0.43481	3.7490E-03	1.17904	4.0146E-03	0.0
5	682.5	998.9	204.2	0.43482	3.7790E-03	1.17906	4.0312E-03	0.0
5	683.0	998.4	205.4	0.43482	3.7716E-03	1.17908	4.0542E-03	0.0
5	683.5	999.4	206.3	0.43484	3.8164E-03	1.17910	4.0675E-03	0.0
5	684.0	999.3	209.8	0.43485	3.8388E-03	1.17914	4.1038E-03	0.0
5	684.5	998.7	209.3	0.43484	3.8239E-03	1.17920	4.1502E-03	0.0
5	685.0	999.3	210.3	0.43482	3.7716E-03	1.17914	4.1006E-03	0.0
5	685.5	998.6	213.9	0.43482	3.7790E-03	1.17913	4.0939E-03	0.0
5	686.0	999.2	211.7	0.43480	3.7340E-03	1.17917	4.1238E-03	0.0
5	686.5	1000.0	215.4	0.43480	3.7117E-03	1.17912	4.0874E-03	0.0
5	687.0	999.6	215.1	0.43477	3.6518E-03	1.17913	4.0939E-03	0.0
5	687.5	999.3	211.7	0.43480	3.7116E-03	1.17902	4.0814E-03	0.0
5	688.0	999.2	217.6	0.43476	3.6369E-03	1.17907	4.0445E-03	0.0
5	688.5	999.7	215.4	0.43476	3.6219E-03	1.17911	4.0774E-03	0.0
5	689.0	999.4	218.1	0.43484	3.8239E-03	1.17919	4.1403E-03	0.0
5	689.5	999.5	218.1	0.43477	3.6443E-03	1.17912	4.0807E-03	0.0
5	690.0	999.1	218.6	0.43479	3.6893E-03	1.17919	4.1469E-03	0.0
5	690.5	999.8	222.7	0.43480	3.7266E-03	1.17917	4.1303E-03	0.0
5	691.0	1000.0	222.2	0.43478	3.6743E-03	1.17917	4.1270E-03	0.0
5	691.5	1000.2	227.1	0.43481	3.7416E-03	1.17920	4.1502E-03	0.0
5	692.0	999.0	227.6	0.43481	3.7565E-03	1.17914	4.1439E-03	0.0
5	692.5	999.3	223.0	0.43482	3.7640E-03	1.17914	4.1039E-03	0.0
5	693.0	999.2	226.9	0.43480	3.7266E-03	1.17920	4.1502E-03	0.0
5	693.5	999.6	225.9	0.43481	3.7566E-03	1.17920	4.1502E-03	0.0
5	694.0	999.3	229.1	0.43479	3.7042E-03	1.17922	4.1667E-03	0.0
5	694.5	999.5	230.8	0.43477	3.6443E-03	1.17928	4.2229E-03	0.0
5	695.0	999.3	227.4	0.43480	3.7341E-03	1.17935	4.2759E-03	0.0
5	695.5	998.9	233.2	0.43477	3.6518E-03	1.17922	4.1667E-03	0.0
5	696.0	999.3	231.0	0.43479	3.6893E-03	1.17923	4.1766E-03	0.0
5	696.5	999.7	235.4	0.43477	3.6518E-03	1.17928	4.2197E-03	0.0
5	697.0	999.5	233.5	0.43479	3.6467E-03	1.17928	4.2196E-03	0.0
5	697.5	999.8	236.4	0.43478	3.6667E-03	1.17929	4.2296E-03	0.0

5	690.0	999.4	233.7	0.43470	3.6742E-03	1.17926	4.2064E-03	0.0
5	690.5	999.3	237.1	0.43480	3.7191E-03	1.17936	4.2904E-03	0.0
5	699.0	999.2	238.6	0.43480	3.7266E-03	1.17937	4.2957E-03	0.0
5	699.5	999.3	241.0	0.43481	3.7491E-03	1.17936	4.2891E-03	0.0
5	700.0	999.2	241.5	0.43478	3.6743E-03	1.17940	4.3188E-03	0.0
5	700.5	998.5	242.2	0.43460	3.7117E-03	1.17936	4.2891E-03	0.0
5	701.0	998.8	237.1	0.43480	3.7116E-03	1.17936	4.2925E-03	0.0
5	701.5	998.6	244.7	0.43479	3.7042E-03	1.17933	4.2660E-03	0.0
5	702.0	999.3	245.7	0.43460	3.7341E-03	1.17936	4.2891E-03	0.0
5	702.5	999.5	247.6	0.43462	3.7640E-03	1.17943	4.3486E-03	0.0
5	703.0	999.4	244.9	0.43480	3.7266E-03	1.17945	4.3650E-03	0.0
5	703.5	998.9	247.4	0.43480	3.7191E-03	1.17941	4.3321E-03	0.0
5	704.0	999.1	250.1	0.43479	3.6967E-03	1.17939	4.3122E-03	0.0
5	704.5	998.9	249.1	0.43480	3.7341E-03	1.17942	4.3386E-03	0.0
5	705.0	999.0	253.2	0.43461	3.7415E-03	1.17941	4.3288E-03	0.0
5	705.5	998.5	252.0	0.43479	3.7042E-03	1.17941	4.3321E-03	0.0
5	706.0	998.7	249.1	0.43482	3.7640E-03	1.17942	4.3354E-03	0.0
5	706.5	998.9	252.3	0.43460	3.7117E-03	1.17943	4.3452E-03	0.0
5	707.0	998.5	254.2	0.43481	3.7417E-03	1.17945	4.3618E-03	0.0
5	707.5	998.7	256.4	0.43476	3.6667E-03	1.17940	4.3222E-03	0.0
5	708.0	998.5	255.4	0.43477	3.6593E-03	1.17943	4.3518E-03	0.0
5	708.5	998.7	259.1	0.43474	3.5844E-03	1.17938	4.3089E-03	0.0
5	709.0	998.9	257.1	0.43477	3.6593E-03	1.17943	4.3486E-03	0.0
5	709.5	998.6	255.9	0.43476	3.6219E-03	1.17950	4.4048E-03	0.0
5	710.0	999.1	264.5	0.43480	3.7191E-03	1.17952	4.4279E-03	0.0
5	710.5	998.7	261.5	0.43477	3.6443E-03	1.17954	4.4412E-03	0.0
5	711.0	999.0	261.1	0.43479	3.6967E-03	1.17948	4.3882E-03	0.0
5	711.5	998.4	263.5	0.43477	3.6443E-03	1.17954	4.4445E-03	0.0
5	712.0	998.3	264.7	0.43477	3.6593E-03	1.17948	4.3883E-03	0.0
5	712.5	998.9	267.4	0.43477	3.6593E-03	1.17954	4.4378E-03	0.0
5	713.0	998.4	264.5	0.43478	3.6817E-03	1.17959	4.4875E-03	0.0
5	713.5	998.7	269.6	0.43478	3.6667E-03	1.17957	4.4710E-03	0.0
5	714.0	999.4	270.1	0.43479	3.6967E-03	1.17959	4.4842E-03	0.0
5	714.5	998.9	266.7	0.43479	3.6892E-03	1.17956	4.4577E-03	0.0
5	715.0	999.7	272.8	0.43479	3.6892E-03	1.17955	4.4544E-03	0.0
5	715.5	999.8	271.8	0.43470	3.6667E-03	1.17958	4.4742E-03	0.0
5	716.0	1000.0	273.7	0.43475	3.5994E-03	1.17959	4.4808E-03	0.0
5	716.5	999.5	270.1	0.43477	3.6518E-03	1.17959	4.4842E-03	0.0
5	717.0	999.1	275.5	0.43478	3.6743E-03	1.17963	4.5173E-03	0.0
5	717.5	999.6	277.9	0.43477	3.6518E-03	1.17971	4.5834E-03	0.0
5	718.0	999.3	273.7	0.43477	3.6593E-03	1.17971	4.5834E-03	0.0
5	718.5	999.8	278.9	0.43477	3.6443E-03	1.17964	4.5239E-03	0.0
5	719.0	999.5	279.1	0.43478	3.6668E-03	1.17968	4.5603E-03	0.0
5	719.5	999.6	279.4	0.43475	3.5994E-03	1.17971	4.5868E-03	0.0
5	720.0	1000.0	282.1	0.43473	3.5620E-03	1.17966	4.5404E-03	0.0
5	720.5	1000.0	281.6	0.43476	3.6294E-03	1.17967	4.5536E-03	0.0
5	721.0	999.6	283.8	0.43475	3.6145E-03	1.17971	4.5900E-03	0.0
5	721.5	999.9	284.0	0.43478	3.6068E-03	1.17969	4.5701E-03	0.0
5	722.0	999.9	287.2	0.43474	3.5769E-03	1.17979	4.6529E-03	0.0
5	722.5	1000.4	287.7	0.43476	3.6293E-03	1.17981	4.6694E-03	0.0
5	723.0	1000.0	286.4	0.43473	3.5094E-03	1.17978	4.6462E-03	0.0
5	723.5	999.9	288.9	0.43473	3.5546E-03	1.17971	4.5867E-03	0.0
5	724.0	1000.1	289.6	0.43474	3.5844E-03	1.17981	4.6694E-03	0.0
5	724.5	1000.2	291.1	0.43473	3.5620E-03	1.17979	4.6562E-03	0.0
5	725.0	999.7	291.3	0.43473	3.5515E-03	1.17981	4.6727E-03	0.0
5	725.5	999.5	292.3	0.43473	3.5620E-03	1.17982	4.6761E-03	0.0
5	726.0	999.7	292.3	0.43472	3.5322E-03	1.17985	4.7090E-03	0.0

TEST 1,1START# 1 1STOP#1453

6	452.0	594.1	53.5	0.43360	1.9326E-03	1.18179	1.8832E-03	0.0
6	452.5	593.9	54.9	0.43360	1.9326E-03	1.18178	1.8733E-03	0.0
6	453.0	594.2	53.7	0.43362	1.9426E-03	1.18180	1.8929E-03	0.0
6	453.5	594.7	54.7	0.43360	1.9401E-03	1.18181	1.8996E-03	0.0
6	454.0	594.1	53.5	0.43361	1.9551E-03	1.18175	1.8468E-03	0.0
6	454.5	594.4	52.5	0.43361	1.9700E-03	1.18183	1.9161E-03	0.0
6	455.0	594.5	53.2	0.43364	2.0299E-03	1.18178	1.8699E-03	0.0
6	455.5	595.0	54.5	0.43363	2.0150E-03	1.18178	1.8732E-03	0.0
6	456.0	596.8	55.7	0.43365	2.0670E-03	1.18174	1.8403E-03	0.0
6	456.5	623.3	98.7	0.43366	2.0899E-03	1.18194	2.0121E-03	3.9
6	457.0	694.9	111.8	0.43283	1.6473E-04	1.18245	2.4424E-03	9.9
6	457.5	771.4	110.1	0.43305	6.8163E-04	1.18269	2.6436E-03	8.4
6	458.0	848.2	104.5	0.43409	3.0788E-03	1.18300	2.9071E-03	6.7
6	458.5	921.0	86.0	0.43334	1.3482E-03	1.18322	3.0979E-03	5.6
6	459.0	976.2	32.2	0.43462	4.3072E-03	1.18343	3.2692E-03	1.1
6	459.5	997.8	26.1	0.43470	4.4869E-03	1.18350	3.3284E-03	0.0
6	460.0	1005.9	25.4	0.43338	1.4457E-03	1.18352	3.3448E-03	0.0
6	460.5	1010.4	27.8	0.43467	4.4120E-03	1.18353	3.3579E-03	0.5
6	461.0	1015.6	24.7	0.43463	4.3222E-03	1.18344	3.2823E-03	0.5
6	461.5	1019.8	24.4	0.43463	4.3222E-03	1.18347	3.3086E-03	0.0
6	462.0	1022.4	23.7	0.43456	4.1724E-03	1.18353	3.3546E-03	0.0
6	462.5	1026.3	25.4	0.43469	4.4719E-03	1.18352	3.3514E-03	0.0
6	463.0	1029.2	33.2	0.43391	2.6591E-03	1.18338	3.2329E-03	0.0
6	463.5	1030.6	30.5	0.43428	3.5131E-03	1.18333	3.1902E-03	0.0
6	464.0	1032.0	25.6	0.43438	3.7529E-03	1.18333	3.1869E-03	0.0
6	464.5	1032.5	52.8	0.43443	3.8577E-03	1.18339	3.2361E-03	0.0
6	465.0	1034.6	55.9	0.43447	3.9476E-03	1.18346	3.2988E-03	0.0
6	465.5	1035.3	53.5	0.43441	3.8128E-03	1.18338	3.2296E-03	0.0
6	466.0	1036.5	53.2	0.43443	3.8502E-03	1.18336	3.2165E-03	0.0
6	466.5	1036.3	53.0	0.43436	3.6929E-03	1.18338	3.2264E-03	0.0
6	467.0	1036.2	51.3	0.43444	3.8952E-03	1.18347	3.3021E-03	0.0
6	467.5	1035.6	53.5	0.43445	3.9026E-03	1.18342	3.2625E-03	0.0
6	468.0	1035.1	51.0	0.43445	3.9177E-03	1.18341	3.2592E-03	0.0
6	468.5	1035.3	54.5	0.43444	3.8877E-03	1.18341	3.2592E-03	0.0
6	469.0	1033.8	53.5	0.43443	3.8502E-03	1.18345	3.2889E-03	0.0
6	469.5	1034.1	52.7	0.43446	3.9251E-03	1.18344	3.2791E-03	0.0
6	470.0	1033.2	53.7	0.43443	3.8652E-03	1.18342	3.2658E-03	0.0
6	470.5	1032.6	52.5	0.43444	3.8727E-03	1.18340	3.2461E-03	0.0
6	471.0	1031.7	52.0	0.43437	3.7228E-03	1.18339	3.2396E-03	0.0
6	471.5	1031.1	55.7	0.43440	3.7828E-03	1.18340	3.2461E-03	0.0
6	472.0	1037.4	53.2	0.43443	3.8652E-03	1.18339	3.2362E-03	0.0
6	472.5	1029.5	52.7	0.43444	3.8677E-03	1.18336	3.2132E-03	0.0
6	473.0	1028.8	53.2	0.43442	3.8427E-03	1.18338	3.2329E-03	0.0
6	473.5	1027.8	52.5	0.43443	3.8652E-03	1.18340	3.2461E-03	0.0
6	474.0	1027.1	54.9	0.43438	3.7529E-03	1.18338	3.2329E-03	0.0
6	474.5	1026.2	51.5	0.43443	3.8576E-03	1.18338	3.2329E-03	0.0
6	475.0	1025.9	53.5	0.43443	3.8577E-03	1.18336	3.2099E-03	0.0
6	475.5	1025.3	54.9	0.43442	3.8277E-03	1.18334	3.1967E-03	0.0
6	476.0	1024.6	48.1	0.43440	3.7903E-03	1.18340	3.2424E-03	0.0
6	476.5	1024.0	55.9	0.43442	3.8427E-03	1.18335	3.2424E-03	0.0
6	477.0	1022.5	54.7	0.43440	3.7829E-03	1.18333	3.1869E-03	0.0
6	477.5	1021.8	54.0	0.43434	3.6480E-03	1.18335	3.2007E-03	0.0
6	478.0	1022.0	54.5	0.43438	3.7528E-03	1.18333	3.1901E-03	0.0
6	478.5	1021.1	53.7	0.43444	3.8452E-03	1.18332	3.1803E-03	0.0
6	479.0	1020.3	54.2	0.43441	3.6128E-03	1.18332	3.1803E-03	0.0
6	479.5	1019.8	51.5	0.43436	3.7079E-03	1.18336	3.2099E-03	0.0
6	480.0	1019.3	53.5	0.43438	3.7529E-03	1.18337	3.2237E-03	0.0
6	480.5	1018.0	53.5	0.43439	3.7603E-03	1.18333	3.1869E-03	0.0
6	481.0	1017.6	52.0	0.43439	3.7753E-03	1.18338	3.2264E-03	0.0
6	481.5	1017.4	53.2	0.43439	3.7678E-03	1.18329	3.1572E-03	0.0
6	482.0	1017.4	55.4	0.43437	3.7153E-03	1.18330	3.1638E-03	0.0
6	482.5	1016.2	53.2	0.43439	3.7753E-03	1.18333	3.1868E-03	0.0

0	403.0	1016.2	55.7	0.43433	3.6180E-03	1.18331	3.1704E-03	0.0
6	403.5	1014.2	52.3	0.43438	3.7454E-03	1.18333	3.1836E-03	0.5
6	404.0	1014.2	54.0	0.43435	3.6780E-03	1.18329	3.1539E-03	0.0
6	404.5	1013.1	54.9	0.43434	3.6554E-03	1.18330	3.1637E-03	0.0
6	405.0	1013.0	54.7	0.43435	3.6854E-03	1.18334	3.1967E-03	0.0
6	405.5	1012.5	54.5	0.43438	3.7453E-03	1.18333	3.1902E-03	0.0
6	406.0	1012.0	55.7	0.43433	3.6180E-03	1.18331	3.1704E-03	0.0
6	406.5	1011.1	53.0	0.43435	3.6854E-03	1.18328	3.1472E-03	0.0
6	407.0	1010.9	51.0	0.43437	3.7153E-03	1.18333	3.1668E-03	0.0
6	407.5	1010.0	52.5	0.43437	3.7153E-03	1.18326	3.1309E-03	0.0
6	408.0	1009.1	53.5	0.43438	3.7378E-03	1.18331	3.1671E-03	0.0
6	408.5	1008.9	52.7	0.43435	3.6854E-03	1.18330	3.1638E-03	0.0
6	409.0	1007.7	54.7	0.43433	3.6329E-03	1.18327	3.1374E-03	0.0
6	409.5	1007.5	54.0	0.43428	3.5131E-03	1.18327	3.1375E-03	0.0
6	490.0	1006.9	54.5	0.43428	3.5206E-03	1.18329	3.1572E-03	0.0
6	490.5	1006.7	53.2	0.43433	3.6329E-03	1.18328	3.1407E-03	0.0
6	491.0	1006.3	56.2	0.43437	3.7153E-03	1.18334	3.1934E-03	0.0
6	491.5	1005.6	53.7	0.43434	3.6554E-03	1.18329	3.1539E-03	0.5
6	492.0	1004.9	54.7	0.43433	3.6405E-03	1.18329	3.1539E-03	0.0
6	492.5	1004.9	53.0	0.43432	3.6031E-03	1.18329	3.1506E-03	0.0
6	493.0	1003.2	55.7	0.43434	3.6479E-03	1.18333	3.1901E-03	0.0
6	493.5	1002.6	54.0	0.43434	3.6554E-03	1.18329	3.1939E-03	0.0
6	494.0	1002.2	52.3	0.43437	3.7153E-03	1.18321	3.0814E-03	0.0
6	494.5	1002.1	53.7	0.43434	3.6029E-03	1.18324	3.1111E-03	0.0
6	495.0	1001.5	50.5	0.43433	3.6330E-03	1.18329	3.1539E-03	0.0
6	495.5	1000.5	54.7	0.43430	3.5656E-03	1.18327	3.1375E-03	0.0
6	496.0	1000.0	51.0	0.43433	3.6180E-03	1.18327	3.1341E-03	0.0
6	496.5	999.8	54.2	0.43434	3.6629E-03	1.18322	3.0946E-03	0.0
6	497.0	999.9	55.4	0.43430	3.5656E-03	1.18324	3.1111E-03	0.0
6	497.5	999.6	53.7	0.43430	3.5656E-03	1.18322	3.0947E-03	0.0
6	498.0	998.7	52.5	0.43434	3.6554E-03	1.18331	3.1736E-03	0.0
6	498.5	998.7	54.2	0.43432	3.6031E-03	1.18323	3.1012E-03	0.0
6	499.0	998.5	53.2	0.43432	3.6105E-03	1.18322	3.0947E-03	0.0
6	499.5	997.7	54.7	0.43434	3.6629E-03	1.18319	3.0650E-03	0.0
6	500.0	997.0	53.2	0.43433	3.6180E-03	1.18319	3.0716E-03	0.0
6	500.5	997.8	55.4	0.43431	3.5881E-03	1.18327	3.1341E-03	0.0
6	501.0	997.2	53.2	0.43436	3.7003E-03	1.18331	3.1737E-03	0.0
6	501.5	997.2	51.0	0.43436	3.6920E-03	1.18329	3.1506E-03	0.0
6	502.0	997.3	54.7	0.43435	3.6854E-03	1.18329	3.1539E-03	0.0
6	502.5	997.0	53.7	0.43432	3.6105E-03	1.18319	3.0683E-03	0.0
6	503.0	997.2	54.9	0.43430	3.5506E-03	1.18322	3.0947E-03	0.0
6	503.5	997.5	53.0	0.43435	3.6704E-03	1.18327	3.1341E-03	0.5
6	504.0	996.3	50.3	0.43430	3.6629E-03	1.18324	3.1110E-03	0.0
6	504.5	997.3	53.2	0.43432	3.6106E-03	1.18322	3.0946E-03	0.0
6	505.0	997.1	52.3	0.43433	3.6255E-03	1.18322	3.0913E-03	0.0
6	505.5	996.5	52.5	0.43431	3.5800E-03	1.18333	3.1901E-03	0.0
6	506.0	996.7	53.5	0.43436	3.7004E-03	1.18329	3.1539E-03	0.5
6	506.5	997.1	52.5	0.43437	3.7228E-03	1.18329	3.1507E-03	0.0
6	507.0	997.1	57.1	0.43435	3.6854E-03	1.18330	3.1638E-03	0.0
6	507.5	997.2	53.5	0.43436	3.7004E-03	1.18325	3.1177E-03	0.0
6	508.0	997.0	54.2	0.43435	3.6854E-03	1.18327	3.1375E-03	0.0
6	508.5	997.3	54.0	0.43433	3.6256E-03	1.18326	3.1275E-03	0.0
6	509.0	997.7	53.5	0.43435	3.6704E-03	1.18327	3.1374E-03	0.0
6	509.5	998.0	54.0	0.43437	3.7229E-03	1.18329	3.1572E-03	0.0
6	510.0	997.6	50.3	0.43435	3.6704E-03	1.18329	3.1506E-03	0.0
6	510.5	997.6	53.0	0.43436	3.7378E-03	1.18329	3.1506E-03	0.0
6	511.0	998.1	53.2	0.43437	3.7229E-03	1.18326	3.1276E-03	0.0
6	511.5	998.4	54.2	0.43437	3.7229E-03	1.18330	3.1605E-03	0.0
6	512.0	998.8	53.0	0.43433	3.6332E-03	1.18331	3.1670E-03	0.0
6	512.5	999.0	54.5	0.43433	3.6332E-03	1.18327	3.1341E-03	0.0
6	513.0	999.0	55.4	0.43438	3.7378E-03	1.18331	3.1703E-03	0.0
6	513.5	999.0	54.2	0.43439	3.7670E-03	1.18335	3.2032E-03	0.0
6	514.0	999.0	53.0	0.43437	3.7304E-03	1.18336	3.2132E-03	0.0
6	514.5	999.4	56.9	0.43435	3.6779E-03	1.18328	3.1474E-03	0.5
6	515.0	999.3	54.0	0.43440	3.7078E-03	1.18341	3.2592E-03	0.0
6	515.5	999.2	53.7	0.43436	3.7079E-03	1.18334	3.1934E-03	0.0

6	516.0	999.3	52.5	0.43435	3.6054E-03	1.18332	3.1803E-03	0.0
6	516.5	999.1	55.4	0.43439	3.7603E-03	1.18330	3.1625E-03	0.0
6	517.0	999.5	54.2	0.43438	3.7528E-03	1.18330	3.1638E-03	0.0
6	517.5	1000.1	55.7	0.43437	3.7304E-03	1.18333	3.1868E-03	0.0
6	518.0	999.9	54.5	0.43439	3.7678E-03	1.18334	3.1934E-03	0.5
6	518.5	999.3	56.4	0.43438	3.7529E-03	1.18336	3.2299E-03	0.0
6	519.0	999.9	60.1	0.43437	3.7229E-03	1.18334	3.1934E-03	0.0
6	519.5	999.8	67.9	0.43438	3.7378E-03	1.18343	3.2692E-03	0.0
6	520.0	999.3	75.5	0.43436	3.6929E-03	1.18340	3.2461E-03	0.0
6	520.5	999.6	77.9	0.43438	3.7453E-03	1.18341	3.2559E-03	0.2
6	521.0	999.1	81.3	0.43431	3.5806E-03	1.18347	3.3054E-03	0.0
6	521.5	999.6	87.7	0.43435	3.6854E-03	1.18350	3.3350E-03	0.0
6	522.0	1000.4	96.6	0.43435	3.6854E-03	1.18350	3.3318E-03	0.0
6	522.5	999.7	97.9	0.43434	3.6479E-03	1.18355	3.3778E-03	0.0
6	523.0	999.0	103.3	0.43436	3.7079E-03	1.18361	3.4239E-03	0.0
6	523.5	999.4	106.4	0.43433	3.6405E-03	1.18367	3.4732E-03	0.0
6	524.0	1000.0	108.9	0.43435	3.6854E-03	1.18369	3.4933E-03	0.0
6	524.5	1000.1	119.9	0.43432	3.6106E-03	1.18368	3.4799E-03	0.0
6	525.0	999.6	122.6	0.43434	3.6479E-03	1.18364	3.4468E-03	0.0
6	525.5	999.6	128.4	0.43431	3.5731E-03	1.18376	3.5523E-03	0.0
6	526.0	1000.1	134.1	0.43434	3.6480E-03	1.18383	3.6148E-03	0.0
6	526.5	999.9	140.4	0.43432	3.6106E-03	1.18386	3.6346E-03	0.0
6	527.0	999.8	143.6	0.43434	3.5506E-03	1.18386	3.6378E-03	0.0
6	527.5	999.2	147.7	0.43429	3.5431E-03	1.18382	3.6049E-03	0.0
6	528.0	999.8	156.5	0.43425	3.4382E-03	1.18391	3.6773E-03	0.0
6	528.5	999.7	159.2	0.43430	3.5506E-03	1.18394	3.7004E-03	0.0
6	529.0	999.0	162.4	0.43427	3.4907E-03	1.18397	3.7333E-03	0.0
6	529.5	999.2	169.5	0.43426	3.4682E-03	1.18394	3.7070E-03	0.0
6	530.0	999.8	174.6	0.43426	3.4682E-03	1.18401	3.7596E-03	0.0
6	530.5	999.5	176.6	0.43425	3.4458E-03	1.18402	3.7761E-03	0.5
6	531.0	999.7	182.9	0.43424	3.4158E-03	1.18412	3.8584E-03	0.0
6	531.5	999.8	190.7	0.43422	3.3658E-03	1.18414	3.8717E-03	0.0
6	532.0	999.5	195.1	0.43424	3.4233E-03	1.18413	3.8683E-03	0.0
6	532.5	999.4	196.8	0.43421	3.3404E-03	1.18416	3.8913E-03	0.0
6	533.0	999.2	204.6	0.43422	3.3783E-03	1.18424	3.9572E-03	0.0
6	533.5	1000.7	212.5	0.43420	3.3333E-03	1.18423	3.9539E-03	0.0
6	534.0	1001.4	216.4	0.43423	3.4008E-03	1.18421	3.9374E-03	0.0
6	534.5	1001.8	218.6	0.43419	3.3120E-03	1.18428	3.9902E-03	0.0
6	535.0	1001.6	228.3	0.43425	3.4458E-03	1.18435	4.0493E-03	0.0
6	535.5	1001.6	228.6	0.43418	3.2884E-03	1.18437	4.0724E-03	0.0
6	536.0	1002.7	235.4	0.43420	3.3259E-03	1.18438	4.0789E-03	0.0
6	536.5	1002.0	238.6	0.43422	3.3658E-03	1.18446	4.1481E-03	0.0
6	537.0	1002.6	245.2	0.43421	3.3558E-03	1.18446	4.1449E-03	0.0
6	537.5	1002.8	251.8	0.43421	3.3483E-03	1.18453	4.2074E-03	0.0
6	538.0	1002.9	254.5	0.43420	3.3184E-03	1.18460	4.2667E-03	0.0
6	538.5	1002.7	258.6	0.43422	3.3708E-03	1.18462	4.2798E-03	0.0
6	539.0	1003.1	268.9	0.43418	3.2684E-03	1.18461	4.2765E-03	0.0
6	539.5	1003.6	271.3	0.43419	3.3034E-03	1.18461	4.2765E-03	0.0
6	540.0	1003.2	275.0	0.43419	3.3108E-03	1.18470	4.3489E-03	0.0
6	540.5	1003.2	278.9	0.43419	3.3188E-03	1.18472	4.3622E-03	0.0
6	541.0	1003.8	288.4	0.43418	3.2684E-03	1.18470	4.3489E-03	0.5
6	541.5	1003.1	290.6	0.43421	3.3558E-03	1.18479	4.4279E-03	0.0
6	542.0	1002.6	293.5	0.43416	3.2360E-03	1.18482	4.4478E-03	0.0
6	542.5	1002.9	299.9	0.43420	3.3333E-03	1.18484	4.4707E-03	0.0
6	543.0	1003.0	310.1	0.43416	3.2434E-03	1.18492	4.5366E-03	0.0
6	543.5	1002.7	311.4	0.43415	3.2209E-03	1.18494	4.5530E-03	0.0
6	544.0	1002.3	317.0	0.43413	3.1611E-03	1.18500	4.5992E-03	0.0
6	544.5	1001.5	319.4	0.43413	3.1611E-03	1.18503	4.6255E-03	0.0
6	545.0	1001.7	325.8	0.43413	3.1761E-03	1.18504	4.6354E-03	0.0
6	545.5	1001.4	332.1	0.43408	3.0412E-03	1.18508	4.6683E-03	0.0
6	546.0	1002.2	336.5	0.43408	3.0407E-03	1.18514	4.7243E-03	0.0
6	546.5	1001.2	340.7	0.43409	3.0747E-03	1.18513	4.7111E-03	0.0
6	547.0	1001.2	347.3	0.43408	3.0412E-03	1.18519	4.7605E-03	0.0
6	547.5	1000.5	354.1	0.43409	3.0036E-03	1.18528	4.8428E-03	0.0
6	548.0	1000.8	358.0	0.43408	3.0412E-03	1.18525	4.8164E-03	0.0
6	548.5	1000.9	360.9	0.43407	3.0262E-03	1.18528	4.8428E-03	0.0

6	544.0	1000.1	305.1	0.43402	2.4004E-03	1.18524	4.0520E-03	0.0
6	549.5	999.8	372.6	0.43407	3.0262E-03	1.18536	4.9054E-03	0.0
6	550.0	1000.4	377.3	0.43404	2.9663E-03	1.18543	4.9679E-03	0.0
6	550.5	999.6	384.1	0.43400	2.8764E-03	1.18547	4.9975E-03	0.0
6	551.0	1000.3	387.8	0.43406	2.8049E-03	1.18543	4.9679E-03	0.0
6	551.5	999.6	391.2	0.43401	2.8989E-03	1.18547	5.0000E-03	0.0
6	552.0	999.5	348.5	0.43402	2.9064E-03	1.18552	5.0437E-03	0.0
6	552.5	1000.1	404.2	0.43398	2.8240E-03	1.18557	5.0897E-03	0.0
6	553.0	999.1	406.3	0.43396	2.7640E-03	1.18561	5.1193E-03	0.5
6	553.5	999.8	413.7	0.43396	2.7716E-03	1.18571	5.2017E-03	0.0
6	554.0	998.9	419.0	0.43392	2.6816E-03	1.18569	5.1917E-03	0.0
6	554.5	998.7	422.2	0.43392	2.6817E-03	1.18577	5.2542E-03	0.0
6	555.0	998.8	426.9	0.43391	2.6592E-03	1.18580	5.2773E-03	0.0
6	555.5	998.4	432.2	0.43395	2.7491E-03	1.18567	5.3398E-03	0.0
6	556.0	999.1	437.9	0.43389	2.6667E-03	1.18589	5.3564E-03	0.0
6	556.5	998.5	442.7	0.43387	2.5618E-03	1.18593	5.3925E-03	0.0
6	557.0	998.4	447.1	0.43387	2.5617E-03	1.18595	5.4123E-03	0.0
6	557.5	998.5	453.5	0.43385	2.5244E-03	1.18600	5.4518E-03	0.0
6	558.0	997.7	456.4	0.43388	2.5993E-03	1.18606	5.5012E-03	0.0
6	558.5	997.9	464.2	0.43342	2.6816E-03	1.18611	5.5407E-03	0.0
6	559.0	997.4	467.4	0.43388	2.5992E-03	1.18617	5.5966E-03	0.0
6	559.5	997.7	475.5	0.43386	2.5543E-03	1.18618	5.6065E-03	0.5
6	560.0	997.2	479.4	0.43383	2.4719E-03	1.18619	5.6131E-03	0.0
6	560.5	997.7	484.7	0.43383	2.4644E-03	1.18624	5.6527E-03	0.0
6	561.0	998.1	486.9	0.43384	2.4944E-03	1.18632	5.7218E-03	0.0
6	561.5	997.4	494.7	0.43386	2.5468E-03	1.18636	5.7547E-03	0.0
6	562.0	998.2	500.6	0.43385	2.5094E-03	1.18639	5.7810E-03	0.0
6	562.5	998.1	506.2	0.43387	2.5693E-03	1.18650	5.8732E-03	0.0
6	563.0	998.1	507.2	0.43381	2.4270E-03	1.18652	5.8930E-03	0.0
6	563.5	998.1	515.8	0.43382	2.4420E-03	1.18655	5.9160E-03	0.0
6	564.0	998.3	516.7	0.43383	2.4644E-03	1.18658	5.9423E-03	0.0
6	564.5	998.4	524.8	0.43377	2.3371E-03	1.18667	6.0214E-03	0.0
6	565.0	999.1	528.0	0.43384	2.4045E-03	1.18675	6.0839E-03	0.0
6	565.5	999.1	536.3	0.43380	2.4120E-03	1.18672	6.0641E-03	0.0
6	566.0	998.8	539.0	0.43377	2.3371E-03	1.18687	6.1926E-03	0.0
6	566.5	998.4	545.8	0.43376	2.3072E-03	1.18689	6.2025E-03	0.0
6	567.0	999.3	552.4	0.43377	2.3296E-03	1.18693	6.2353E-03	0.0
6	567.5	999.0	555.6	0.43374	2.2697E-03	1.18700	6.2946E-03	0.0
6	568.0	998.8	555.1	0.43373	2.2472E-03	1.18701	6.3444E-03	0.0
6	568.5	998.9	566.8	0.43372	2.2247E-03	1.18710	6.3803E-03	0.0
6	569.0	999.2	570.0	0.43371	2.2023E-03	1.18722	6.4855E-03	0.0
6	569.5	998.9	570.9	0.43373	2.2323E-03	1.18718	6.4493E-03	0.0
6	570.0	999.1	582.2	0.43369	2.1498E-03	1.18731	6.5580E-03	0.0
6	570.5	999.1	587.3	0.43366	2.1199E-03	1.18737	6.6107E-03	0.0
6	571.0	999.3	592.4	0.43368	2.1348E-03	1.18738	6.6205E-03	0.0
6	571.5	999.9	597.6	0.43363	2.0075E-03	1.18745	6.6831E-03	0.0
6	572.0	1000.0	599.5	0.43366	2.0900E-03	1.18753	6.7489E-03	0.0
6	572.5	998.9	609.3	0.43363	2.0225E-03	1.18757	6.7851E-03	0.0
6	573.0	999.2	607.1	0.43364	1.9326E-03	1.18762	6.8212E-03	0.0
6	573.5	999.4	613.7	0.43362	1.9925E-03	1.18768	6.8772E-03	0.0
6	574.0	999.7	622.5	0.43362	1.9425E-03	1.18775	6.9333E-03	0.0
6	574.5	1000.0	626.1	0.43364	2.0374E-03	1.18780	6.9729E-03	0.0
6	575.0	999.0	632.4	0.43362	1.9650E-03	1.18794	7.0913E-03	0.0
6	575.5	999.6	634.2	0.43363	2.0225E-03	1.18795	7.1012E-03	0.0
6	576.0	1000.2	640.0	0.43362	1.9401E-03	1.18804	7.1836E-03	0.0
6	576.5	1000.3	647.9	0.43360	1.9476E-03	1.18808	7.2164E-03	0.0
6	577.0	999.6	649.1	0.43358	1.8876E-03	1.18818	7.2954E-03	0.0

TEST 1,ISTART= 1 ISTOP=1155

7	452.0	611.8	25.2	0.43450	2.1009E-03	1.15509	1.6196E-03	0.0
7	452.5	611.7	20.4	0.43448	2.0560E-03	1.15505	1.5894E-03	0.0
7	453.0	611.6	25.0	0.43452	2.1532E-03	1.15509	1.6164E-03	0.0
7	453.5	612.1	25.0	0.43451	2.1307E-03	1.15505	1.5894E-03	0.0
7	454.0	612.3	24.8	0.43451	2.1233E-03	1.15512	1.6466E-03	0.0
7	454.5	612.1	24.8	0.43451	2.1307E-03	1.15505	1.5861E-03	0.0
7	455.0	612.1	25.0	0.43450	2.1009E-03	1.15502	1.5624E-03	0.0
7	455.5	612.1	25.1	0.43448	2.0560E-03	1.15505	1.5861E-03	0.0
7	456.0	611.9	25.1	0.43447	2.0411E-03	1.15504	1.5759E-03	0.0
7	456.5	61A.5	24.9	0.43453	2.1630E-03	1.15506	1.5895E-03	0.0
7	457.0	681.7	23.5	0.43470	2.5716E-03	1.15544	1.9261E-03	0.0
7	457.5	775.7	23.2	0.43490	3.0205E-03	1.15570	2.1450E-03	0.0
7	458.0	873.2	23.1	0.43509	3.4616E-03	1.15603	2.4380E-03	0.0
7	458.5	966.0	23.6	0.43519	3.7008E-03	1.15639	2.7511E-03	0.0
7	459.0	1058.0	23.5	0.43528	3.9027E-03	1.15668	2.9970E-03	0.0
7	459.5	1147.8	23.5	0.43549	4.3887E-03	1.15710	3.3640E-03	0.0
7	460.0	122A.5	23.7	0.43561	4.6727E-03	1.15741	3.6334E-03	0.0
7	460.5	1200.7	24.4	0.43568	4.8372E-03	1.15768	3.8623E-03	0.0
7	461.0	1299.8	25.0	0.43567	4.8148E-03	1.15780	3.9735E-03	0.0
7	461.5	1307.6	24.8	0.43564	4.7326E-03	1.15805	4.1823E-03	0.0
7	462.0	1312.8	24.8	0.43564	4.7400E-03	1.15815	4.2732E-03	0.0
7	462.5	1317.0	25.0	0.43564	4.7400E-03	1.15817	4.2901E-03	0.0
7	463.0	1319.6	25.0	0.43564	4.7400E-03	1.15826	4.3708E-03	0.0
7	463.5	1323.1	25.4	0.43565	4.7549E-03	1.15822	4.3304E-03	0.0
7	464.0	1325.2	25.1	0.43564	4.7325E-03	1.15830	4.4045E-03	0.0
7	464.5	1326.8	25.1	0.43564	4.7400E-03	1.15834	4.4416E-03	0.0
7	465.0	1327.0	25.0	0.43565	4.7700E-03	1.15834	4.4382E-03	0.0
7	465.5	1327.9	25.0	0.43565	4.7699E-03	1.15831	4.4146E-03	0.0
7	466.0	1328.9	24.9	0.43565	4.7699E-03	1.15836	4.4584E-03	0.0
7	466.5	1329.2	25.0	0.43565	4.7625E-03	1.15838	4.4685E-03	0.0
7	467.0	1329.6	25.2	0.43563	4.7250E-03	1.15843	4.5189E-03	0.0
7	467.5	1329.6	25.0	0.43566	4.7849E-03	1.15850	4.5797E-03	0.0
7	468.0	1330.4	25.0	0.43564	4.7326E-03	1.15834	4.4349E-03	0.0
7	468.5	1331.2	25.1	0.43566	4.7849E-03	1.15842	4.5056E-03	0.0
7	469.0	1331.0	25.0	0.43563	4.7250E-03	1.15844	4.5258E-03	0.0
7	469.5	1331.2	25.2	0.43562	4.6077E-03	1.15843	4.5189E-03	0.0
7	470.0	1331.0	25.0	0.43565	4.7549E-03	1.15853	4.6032E-03	0.0
7	470.5	1330.1	25.2	0.43563	4.7101E-03	1.15837	4.4617E-03	0.0
7	471.0	1330.6	25.1	0.43565	4.7549E-03	1.15844	4.5224E-03	0.0
7	471.5	1330.3	25.2	0.43563	4.7101E-03	1.15853	4.6032E-03	0.0
7	472.0	1329.2	25.2	0.43563	4.7100E-03	1.15850	4.5796E-03	0.0
7	472.5	1329.5	25.3	0.43563	4.7100E-03	1.15850	4.5728E-03	0.0
7	473.0	1320.7	25.1	0.43565	4.7549E-03	1.15850	4.5797E-03	0.0
7	473.5	132A.5	25.3	0.43560	4.6503E-03	1.15850	4.5729E-03	0.0
7	474.0	1324.1	25.3	0.43559	4.6128E-03	1.15843	4.5190E-03	0.0
7	474.5	1326.7	24.9	0.43562	4.6951E-03	1.15838	4.4719E-03	0.0
7	475.0	1326.7	25.2	0.43562	4.6952E-03	1.15842	4.5090E-03	0.0
7	475.5	1326.4	25.0	0.43562	4.6001E-03	1.15850	4.5763E-03	0.0
7	476.0	1325.9	25.1	0.43561	4.6578E-03	1.15842	4.5089E-03	0.0
7	476.5	1325.2	25.1	0.43562	4.7026E-03	1.15845	4.5325E-03	0.0
7	477.0	1324.2	25.2	0.43560	4.6503E-03	1.15853	4.6032E-03	0.0
7	477.5	1323.2	25.0	0.43561	4.6574E-03	1.15846	4.5425E-03	0.0
7	478.0	1322.4	25.0	0.43559	4.6204E-03	1.15851	4.5829E-03	0.0
7	478.5	1322.3	25.4	0.43560	4.6503E-03	1.15842	4.5089E-03	0.0
7	479.0	1320.7	25.1	0.43560	4.6503E-03	1.15850	4.6470E-03	0.0
7	479.5	1320.8	25.0	0.43561	4.6570E-03	1.15853	4.5999E-03	0.0
7	480.0	1320.8	25.1	0.43561	4.6727E-03	1.15849	4.5695E-03	0.0
7	480.5	1319.4	24.8	0.43560	4.6354E-03	1.15850	4.5763E-03	0.0
7	481.0	1319.5	25.3	0.43559	4.6278E-03	1.15843	4.5190E-03	0.0
7	481.5	1318.9	24.9	0.43561	4.6577E-03	1.15839	4.4854E-03	0.0
7	482.0	1318.4	24.9	0.43560	4.6428E-03	1.15840	4.5593E-03	0.0
7	482.5	1317.4	24.8	0.43562	4.6002E-03	1.15840	4.4920E-03	0.0

7	483,0	1316,7	25,1	0,43560	4,6503E-03	1,15847	4,5527E-03	0,0
7	483,5	1316,1	24,8	0,43564	4,7326E-03	1,15839	4,4820E-03	0,0
7	484,0	1315,5	24,7	0,43561	4,6578E-03	1,15844	4,5257E-03	0,0
7	484,5	1314,9	25,3	0,43558	4,5980E-03	1,15851	4,5829E-03	0,0
7	485,0	1314,7	25,3	0,43558	4,6054E-03	1,15852	4,5930E-03	0,0
7	485,5	1313,5	25,1	0,43558	4,5980E-03	1,15842	4,5855E-03	0,0
	486,0	1313,5	24,9	0,43558	4,5980E-03	1,15847	4,5527E-03	0,0
/	486,5	1313,3	25,0	0,43559	4,6204E-03	1,15851	4,5829E-03	0,0
7	487,0	1312,4	24,8	0,43556	4,5532E-03	1,15857	4,6368E-03	0,0
7	487,5	1311,2	24,9	0,43559	4,6204E-03	1,15849	4,5695E-03	0,0
7	488,0	1310,9	24,8	0,43558	4,6054E-03	1,15853	4,6067E-03	0,0
7	488,5	1311,4	25,2	0,43557	4,5681E-03	1,15853	4,6032E-03	0,0
7	489,0	1309,5	25,0	0,43556	4,5531E-03	1,15846	4,5425E-03	0,0
7	489,5	1310,0	25,4	0,43556	4,5531E-03	1,15847	4,5494E-03	0,0
7	490,0	1307,8	25,0	0,43555	4,5382E-03	1,15854	4,6132E-03	0,0
7	490,5	1308,1	25,0	0,43555	4,5381E-03	1,15852	4,5964E-03	0,0
7	491,0	1307,1	25,2	0,43556	4,5531E-03	1,15855	4,6234E-03	0,0
7	491,5	1307,2	25,1	0,43555	4,5382E-03	1,15846	4,5426E-03	0,0
7	492,0	1306,8	25,0	0,43554	4,5157E-03	1,15853	4,5998E-03	0,0
7	492,5	1306,0	25,1	0,43554	4,5007E-03	1,15855	4,6200E-03	0,0
7	493,0	1306,0	25,3	0,43556	4,5532E-03	1,15848	4,5627E-03	0,0
7	493,5	1305,2	24,9	0,43557	4,5681E-03	1,15851	4,5863E-03	0,0
7	494,0	1304,9	25,1	0,43554	4,5002E-03	1,15853	4,6066E-03	0,0
7	494,5	1304,1	25,1	0,43553	4,4783E-03	1,15840	4,4887E-03	0,0
7	495,0	1304,2	24,9	0,43555	4,5232E-03	1,15841	4,5021E-03	0,0
7	495,5	1303,3	25,0	0,43557	4,5681E-03	1,15862	4,6773E-03	0,0
7	496,0	1303,3	25,0	0,43554	4,5157E-03	1,15851	4,5863E-03	0,0
7	496,5	1302,1	25,1	0,43555	4,5232E-03	1,15848	4,5628E-03	0,0
7	497,0	1301,8	25,1	0,43556	4,5456E-03	1,15856	4,6268E-03	0,0
7	497,5	1301,7	24,9	0,43554	4,5002E-03	1,15853	4,6032E-03	0,0
7	498,0	1301,1	25,1	0,43555	4,5382E-03	1,15857	4,6368E-03	0,0
7	498,5	1301,1	24,8	0,43552	4,4709E-03	1,15851	4,5897E-03	0,0
	499,0	1300,5	25,1	0,43553	4,4933E-03	1,15855	4,6200E-03	0,0
7	499,5	1300,0	24,9	0,43553	4,4933E-03	1,15857	4,6335E-03	0,0
7	500,0	1299,8	24,8	0,43552	4,4709E-03	1,15859	4,6537E-03	0,0
7	500,5	1300,0	24,8	0,43553	4,4933E-03	1,15859	4,6538E-03	0,0
7	501,0	1299,3	25,4	0,43554	4,5157E-03	1,15850	4,5729E-03	0,0
7	501,5	1298,8	25,2	0,43554	4,5002E-03	1,15860	4,6605E-03	0,0
7	502,0	1298,9	24,9	0,43556	4,5531E-03	1,15857	4,6368E-03	0,0
7	502,5	1298,4	25,3	0,43551	4,4485E-03	1,15856	4,6267E-03	0,0
7	503,0	1298,4	25,2	0,43554	4,5008E-03	1,15856	4,6302E-03	0,0
7	503,5	1297,9	25,0	0,43552	4,4559E-03	1,15850	4,5796E-03	0,0
7	504,0	1297,3	24,9	0,43552	4,4709E-03	1,15859	4,6570E-03	0,0
7	504,5	1297,8	25,0	0,43553	4,4783E-03	1,15861	4,6705E-03	0,0
7	505,0	1297,8	25,3	0,43553	4,4858E-03	1,15856	4,6260E-03	0,0
7	505,5	1297,1	25,3	0,43554	4,5002E-03	1,15853	4,6032E-03	0,0
7	506,0	1296,8	24,9	0,43556	4,5531E-03	1,15858	4,6470E-03	0,0
7	506,5	1296,8	24,9	0,43551	4,4410E-03	1,15859	4,6572E-03	0,0
7	507,0	1296,8	24,9	0,43551	4,4484E-03	1,15859	4,6538E-03	0,0
7	507,5	1296,9	25,4	0,43551	4,4410E-03	1,15852	4,5964E-03	0,0
7	508,0	1296,1	25,1	0,43551	4,4484E-03	1,15853	4,6032E-03	0,0
7	508,5	1296,4	25,1	0,43553	4,4783E-03	1,15855	4,6166E-03	0,0
7	509,0	1296,7	25,0	0,43551	4,4484E-03	1,15855	4,6200E-03	0,0
7	509,5	1296,9	24,8	0,43554	4,5157E-03	1,15857	4,6335E-03	0,0
7	510,0	1297,0	25,1	0,43554	4,5158E-03	1,15862	4,6806E-03	0,0
7	510,5	1297,2	25,0	0,43552	4,4709E-03	1,15858	4,6469E-03	0,0
7	511,0	1296,8	25,0	0,43551	4,4409E-03	1,15859	4,6570E-03	0,0
7	511,5	1297,1	24,9	0,43553	4,4783E-03	1,15849	4,5662E-03	0,0
	512,0	1296,8	24,8	0,43553	4,4933E-03	1,15858	4,6469E-03	0,0
7	512,5	1297,0	24,8	0,43554	4,5157E-03	1,15860	4,6637E-03	0,0
7	513,0	1297,1	25,2	0,43554	4,5008E-03	1,15855	4,6200E-03	0,0
7	513,5	1297,9	24,8	0,43553	4,4858E-03	1,15861	4,6739E-03	0,0
7	514,0	1298,9	25,0	0,43555	4,5232E-03	1,15862	4,6806E-03	0,0
7	514,5	1298,2	25,2	0,43551	4,4334E-03	1,15855	4,6200E-03	0,0
7	515,0	1297,6	25,2	0,43551	4,4485E-03	1,15857	4,6402E-03	0,0
7	515,5	1298,1	25,2	0,43554	4,5157E-03	1,15856	4,6268E-03	0,0

1	510.4	1298.7	25.0	0.43551	4.4418E-03	1.15862	4.6640E-03	0.0
7	510.5	1298.3	25.2	0.43555	4.5306E-03	1.15860	4.6638E-03	0.0
7	517.0	1298.6	24.9	0.43552	4.4634E-03	1.15856	4.6268E-03	0.0
7	517.5	1299.2	24.8	0.43552	4.4634E-03	1.15857	4.6402E-03	0.0
7	518.0	1298.6	25.0	0.43553	4.4858E-03	1.15856	4.6302E-03	0.0
7	518.5	1299.2	25.2	0.43554	4.5007E-03	1.15857	4.6334E-03	0.0
7	519.0	1298.6	25.2	0.43554	4.5008E-03	1.15864	4.6975E-03	0.0
7	519.5	1299.1	25.2	0.43553	4.4783E-03	1.15857	4.6402E-03	0.0
7	520.0	1298.4	25.9	0.43552	4.4634E-03	1.15861	4.6705E-03	0.0
7	520.5	1298.4	27.3	0.43553	4.4783E-03	1.15857	4.6403E-03	0.0
7	521.0	1299.2	27.9	0.43555	4.5232E-03	1.15875	4.7918E-03	0.0
7	521.5	1299.4	29.0	0.43553	4.4783E-03	1.15866	4.7177E-03	0.0
7	522.0	1297.9	30.2	0.43553	4.4783E-03	1.15860	4.6604E-03	0.0
7	522.5	1298.7	30.9	0.43554	4.5007E-03	1.15869	4.7412E-03	0.0
7	523.0	1298.6	31.9	0.43555	4.5232E-03	1.15867	4.7278E-03	0.0
7	523.5	1298.6	33.0	0.43553	4.4933E-03	1.15860	4.6638E-03	0.0
7	524.0	1299.0	34.0	0.43549	4.3961E-03	1.15871	4.7581E-03	0.0
7	524.5	1298.7	35.1	0.43553	4.4933E-03	1.15867	4.7211E-03	0.0
7	525.0	1298.9	36.3	0.43550	4.4260E-03	1.15871	4.7614E-03	0.0
7	525.5	1298.9	37.6	0.43554	4.5082E-03	1.15863	4.6874E-03	0.0
7	526.0	1298.2	38.1	0.43550	4.4260E-03	1.15869	4.7379E-03	0.0
7	526.5	1297.5	38.6	0.43550	4.4110E-03	1.15876	4.8018E-03	0.0
7	527.0	1298.6	40.0	0.43550	4.4036E-03	1.15878	4.8187E-03	0.0
7	527.5	1298.4	41.1	0.43549	4.3686E-03	1.15879	4.8287E-03	0.0
7	528.0	1298.2	41.7	0.43554	4.5007E-03	1.15874	4.7884E-03	0.0
7	528.5	1298.9	42.9	0.43550	4.4110E-03	1.15878	4.8187E-03	0.0
7	529.0	1298.4	44.3	0.43551	4.4410E-03	1.15879	4.8255E-03	0.0
7	529.5	1298.2	45.1	0.43549	4.3686E-03	1.15885	4.8793E-03	0.0
7	530.0	1297.8	45.9	0.43550	4.4185E-03	1.15881	4.8423E-03	0.0
7	530.5	1297.8	47.2	0.43548	4.3662E-03	1.15887	4.8962E-03	0.0
7	531.0	1298.6	47.4	0.43549	4.3886E-03	1.15888	4.9062E-03	0.0
7	531.5	1298.4	49.2	0.43550	4.4110E-03	1.15895	4.9703E-03	0.0
7	532.0	1298.2	50.6	0.43550	4.4185E-03	1.15888	4.9029E-03	0.0
7	532.5	1297.9	51.1	0.43549	4.3811E-03	1.15895	4.9635E-03	0.0
7	533.0	1298.0	52.2	0.43548	4.3737E-03	1.15889	4.9130E-03	0.0
7	533.5	1298.0	53.0	0.43550	4.4110E-03	1.15891	4.9366E-03	0.0
7	534.0	1298.7	54.1	0.43548	4.3737E-03	1.15907	5.0712E-03	0.0
7	534.5	1298.3	55.5	0.43549	4.3961E-03	1.15897	4.9836E-03	0.0
7	535.0	1297.6	56.0	0.43550	4.4036E-03	1.15898	4.9938E-03	0.0
7	535.5	1299.3	57.4	0.43544	4.3811E-03	1.15905	5.0578E-03	0.0
7	536.0	1298.1	57.7	0.43549	4.3811E-03	1.15913	5.1218E-03	0.0
7	536.5	1297.7	59.5	0.43547	4.3363E-03	1.15912	5.1117E-03	0.0
7	537.0	1298.4	60.2	0.43548	4.3662E-03	1.15918	5.1688E-03	0.0
7	537.5	1297.8	61.3	0.43546	4.3214E-03	1.15909	5.0847E-03	0.0
7	538.0	1298.5	62.3	0.43548	4.3587E-03	1.15904	5.0476E-03	0.0
7	538.5	1298.7	63.3	0.43546	4.3138E-03	1.15914	5.1285E-03	0.0
7	539.0	1298.3	64.3	0.43545	4.3065E-03	1.15921	5.1891E-03	0.0
7	539.5	1298.0	65.0	0.43546	4.3138E-03	1.15920	5.1857E-03	0.0
7	540.0	1298.5	66.0	0.43547	4.3438E-03	1.15921	5.1891E-03	0.0
7	540.5	1298.0	67.6	0.43546	4.3286E-03	1.15917	5.1588E-03	0.0
7	541.0	1298.4	68.3	0.43542	4.2241E-03	1.15919	5.1722E-03	0.0
7	541.5	1298.2	69.4	0.43547	4.3363E-03	1.15921	5.1892E-03	0.0
7	542.0	1298.2	70.2	0.43543	4.2615E-03	1.15926	5.2329E-03	0.0
7	542.5	1299.4	71.5	0.43545	4.2913E-03	1.15931	5.2834E-03	0.0
7	543.0	1299.5	72.6	0.43544	4.2694E-03	1.15937	5.3340E-03	0.0
7	543.5	1299.1	73.1	0.43542	4.2391E-03	1.15938	5.3372E-03	0.0
7	544.0	1299.2	74.2	0.43543	4.2540E-03	1.15936	5.3238E-03	0.0
7	544.5	1299.2	75.4	0.43540	4.1793E-03	1.15947	5.4147E-03	0.0
7	545.0	1298.9	76.3	0.43541	4.2017E-03	1.15945	5.4047E-03	0.0
7	545.5	1299.0	77.4	0.43540	4.1943E-03	1.15939	5.3508E-03	0.0
7	546.0	1298.9	78.1	0.43541	4.2092E-03	1.15946	5.4080E-03	0.0
7	546.5	1298.8	79.5	0.43544	4.2694E-03	1.15961	5.5393E-03	0.0
7	547.0	1299.0	80.5	0.43540	4.1868E-03	1.15944	5.3945E-03	0.0
7	547.5	1298.7	81.2	0.43541	4.2092E-03	1.15963	5.5561E-03	0.0
7	548.0	1298.6	82.2	0.43539	4.1643E-03	1.15960	5.5293E-03	0.0
7	548.5	1298.8	83.5	0.43541	4.2166E-03	1.15963	5.5595E-03	0.0

7	549.0	1299.0	04.4	0.43530	4.1345E-03	1.15960	5.6000E-03	0.0
7	549.5	1298.6	05.5	0.43534	4.1568E-03	1.15960	5.5325E-03	0.0
7	550.0	1299.1	06.3	0.43534	4.0447E-03	1.15970	5.6167E-03	0.0
7	550.5	1298.7	07.6	0.43537	4.1045E-03	1.15974	5.6505E-03	0.0
7	551.0	1299.5	08.6	0.43535	4.0596E-03	1.15972	5.6336E-03	0.0
7	551.5	1299.3	09.6	0.43534	4.0522E-03	1.15985	5.7514E-03	0.0
7	552.0	1298.1	00.3	0.43533	4.0297E-03	1.15985	5.7515E-03	0.0
7	552.5	1298.7	01.2	0.43531	3.9775E-03	1.15981	5.7145E-03	0.0
7	553.0	1299.2	02.4	0.43532	3.9923E-03	1.15976	5.6673E-03	0.0
7	553.5	1298.8	03.5	0.43531	3.9700E-03	1.15989	5.7784E-03	0.0
7	554.0	1298.9	04.9	0.43528	3.9177E-03	1.15983	5.7312E-03	0.0
7	554.5	1298.8	05.6	0.43527	3.8877E-03	1.15983	5.7312E-03	0.0
7	555.0	1299.0	06.6	0.43525	3.8428E-03	1.15987	5.7649E-03	0.0
7	555.5	1299.1	07.8	0.43527	3.8802E-03	1.15990	5.8558E-03	0.0
7	556.0	1299.3	08.8	0.43526	3.8578E-03	1.16002	5.8929E-03	0.0
7	556.5	1299.3	09.6	0.43523	3.7905E-03	1.16014	6.0006E-03	0.0
7	557.0	1298.5	100.5	0.43523	3.7905E-03	1.16011	5.9737E-03	0.0
7	557.5	1299.2	101.1	0.43523	3.7905E-03	1.16006	5.9299E-03	0.0
7	558.0	1299.3	102.5	0.43521	3.7531E-03	1.16016	6.0176E-03	0.0
7	558.5	1299.2	103.5	0.43520	3.7158E-03	1.16020	6.0546E-03	0.0
7	559.0	1298.8	104.5	0.43519	3.7008E-03	1.16018	6.0310E-03	0.0
7	559.5	1299.3	105.5	0.43521	3.7532E-03	1.16020	6.0478E-03	0.0
7	560.0	1299.2	106.2	0.43519	3.7003E-03	1.16034	6.1690E-03	0.0
7	560.5	1298.4	107.0	0.43518	3.6709E-03	1.16046	6.2768E-03	0.0
7	561.0	1298.8	108.6	0.43517	3.6559E-03	1.16036	6.1892E-03	0.0
7	561.5	1298.0	109.8	0.43516	3.6410E-03	1.16042	6.2431E-03	0.0
7	562.0	1298.3	110.2	0.43515	3.6036E-03	1.16051	6.3205E-03	0.0
7	562.5	1298.5	111.6	0.43513	3.5512E-03	1.16055	6.3509E-03	0.0
7	563.0	1298.7	112.7	0.43515	3.5461E-03	1.16058	6.3779E-03	0.0
7	563.5	1298.5	113.7	0.43512	3.5363E-03	1.16064	6.4284E-03	0.0
7	564.0	1299.1	114.6	0.43512	3.5438E-03	1.16074	6.5226E-03	0.0
7	564.5	1299.1	115.5	0.43508	3.4540E-03	1.16073	6.5091E-03	0.0
7	565.0	1299.5	116.5	0.43511	3.5064E-03	1.16074	6.5193E-03	0.0
7	565.5	1298.7	118.0	0.43508	3.4541E-03	1.16084	6.6067E-03	0.0
7	566.0	1298.8	118.5	0.43509	3.4616E-03	1.16092	6.6742E-03	0.0
7	566.5	1298.6	119.7	0.43505	3.3718E-03	1.16094	6.6918E-03	0.0
7	567.0	1298.6	120.1	0.43506	3.4091E-03	1.16105	6.7886E-03	0.0
7	567.5	1299.1	121.4	0.43505	3.3794E-03	1.16104	6.7819E-03	0.0
7	568.0	1299.2	122.5	0.43501	3.2746E-03	1.16113	6.8560E-03	0.0
7	568.5	1298.8	123.5	0.43500	3.2597E-03	1.16126	6.9671E-03	0.0
7	569.0	1299.3	124.9	0.43500	3.2522E-03	1.16138	7.0783E-03	0.0
7	569.5	1298.6	125.8	0.43495	3.1550E-03	1.16135	7.0479E-03	0.0
7	570.0	1298.8	126.8	0.43494	3.1327E-03	1.16142	7.1052E-03	0.0
7	570.5	1298.4	128.1	0.43493	3.1027E-03	1.16154	7.2600E-03	0.0
7	571.0	1298.2	128.2	0.43494	3.1251E-03	1.16163	7.2870E-03	0.0
7	571.5	1299.2	129.6	0.43493	3.1101E-03	1.16170	7.3544E-03	0.0
7	572.0	1298.5	130.8	0.43490	3.0204E-03	1.16180	7.4419E-03	0.0
7	572.5	1298.4	131.6	0.43490	3.0279E-03	1.16186	7.4924E-03	0.0
7	573.0	1299.2	132.6	0.43487	2.9682E-03	1.16194	7.5901E-03	0.0
7	573.5	1299.0	134.1	0.43487	2.9606E-03	1.16204	7.6473E-03	0.0
7	574.0	1299.1	134.8	0.43484	2.8654E-03	1.16210	7.6945E-03	0.0
7	574.5	1298.7	135.7	0.43483	2.8634E-03	1.16222	7.8056E-03	0.0
7	575.0	1299.2	137.1	0.43480	2.7888E-03	1.16229	7.8661E-03	0.0
7	575.5	1299.0	137.9	0.43477	2.7214E-03	1.16241	7.9638E-03	0.0
7	576.0	1299.2	138.9	0.43479	2.7812E-03	1.16251	8.0547E-03	0.0
7	576.5	1298.5	139.9	0.43474	2.6541E-03	1.16257	8.1087E-03	0.0
7	577.0	1299.5	141.1	0.43475	2.6765E-03	1.16280	8.3038E-03	0.0

TFST 1,ISTART= 1 ISTOP=1155

0	273.0	619.1	25.0	0.43434	2.0342E-03	1.18446	5.7276E-04	0.0
0	273.5	618.9	25.0	0.43433	2.0118E-03	1.18442	5.3797E-04	0.0
0	274.0	619.0	25.3	0.43433	2.2117E-03	1.18442	5.3137E-04	0.0
0	274.5	619.1	25.1	0.43433	2.0118E-03	1.18449	5.9046E-04	0.0
0	275.0	619.1	25.2	0.43434	2.0342E-03	1.18449	5.9046E-04	0.0
0	275.5	618.8	25.0	0.43434	2.0491E-03	1.18446	5.6426E-04	0.0
0	276.0	618.7	25.4	0.43434	2.0417E-03	1.18443	5.4447E-04	0.0
0	276.5	619.0	25.2	0.43436	2.0665E-03	1.18444	5.5117E-04	0.0
0	277.0	619.1	25.2	0.43434	2.0342E-03	1.18444	5.5436E-04	0.0
0	277.5	618.6	25.5	0.43433	2.0142E-03	1.18450	6.0355E-04	0.0
0	278.0	620.5	22.5	0.43440	2.1038E-03	1.18453	6.2335E-04	0.0
0	278.5	701.1	20.2	0.43457	2.5726E-03	1.18489	9.3167E-04	0.0
0	279.0	801.3	23.7	0.43477	3.2214E-03	1.18524	1.2302E-03	0.0
0	279.5	900.3	22.7	0.43492	3.3878E-03	1.18562	1.5451E-03	0.0
0	280.0	995.7	22.5	0.43512	3.8365E-03	1.18592	1.8042E-03	0.0
0	280.5	1088.3	18.5	0.43531	4.2704E-03	1.18627	2.0962E-03	0.0
0	281.0	1180.4	19.3	0.43547	4.6442E-03	1.18658	2.3553E-03	0.0
0	281.5	1258.5	23.0	0.43561	4.9584E-03	1.18696	2.6802E-03	0.0
0	282.0	1298.9	24.2	0.43561	4.9583E-03	1.18728	2.9524E-03	0.0
0	282.5	1311.4	24.7	0.43559	4.9284E-03	1.18741	3.0607E-03	0.0
0	283.0	1315.2	24.0	0.43557	4.8035E-03	1.18752	3.1558E-03	0.0
0	283.5	1319.2	24.7	0.43559	4.9209E-03	1.18762	3.2345E-03	0.0
0	284.0	1322.2	25.4	0.43561	4.9733E-03	1.18765	3.2607E-03	0.0
0	284.5	1325.8	25.6	0.43558	4.8484E-03	1.18764	3.2542E-03	0.0
0	285.0	1326.9	24.3	0.43556	4.8537E-03	1.18769	3.2936E-03	0.0
0	285.5	1327.6	24.6	0.43554	4.8162E-03	1.18773	3.3264E-03	0.0
0	286.0	1328.2	24.4	0.43555	4.8237E-03	1.18771	3.3100E-03	0.0
0	286.5	1329.1	25.1	0.43555	4.8237E-03	1.18772	3.3231E-03	0.0
0	287.0	1329.7	25.4	0.43556	4.8536E-03	1.18774	3.3362E-03	0.0
0	287.5	1330.3	25.1	0.43555	4.8237E-03	1.18773	3.3330E-03	0.0
0	288.0	1329.6	24.5	0.43551	4.7414E-03	1.18771	3.3166E-03	0.0
0	288.5	1330.6	25.3	0.43552	4.7714E-03	1.18771	3.3100E-03	0.0
0	289.0	1330.1	25.4	0.43551	4.7489E-03	1.18781	3.4019E-03	0.0
0	289.5	1330.0	24.8	0.43552	4.7564E-03	1.18779	3.3622E-03	0.0
0	290.0	1329.4	24.5	0.43551	4.7414E-03	1.18776	3.3592E-03	0.0
0	290.5	1329.9	25.5	0.43553	4.7789E-03	1.18777	3.3658E-03	0.0
0	291.0	1329.2	25.1	0.43551	4.7415E-03	1.18783	3.4183E-03	0.0
0	291.5	1328.8	25.6	0.43552	4.7564E-03	1.18780	3.3921E-03	0.0
0	292.0	1328.0	25.1	0.43552	4.7714E-03	1.18785	3.4282E-03	0.0
0	292.5	1327.0	24.8	0.43549	4.6466E-03	1.18785	3.4281E-03	0.0
0	293.0	1327.3	25.0	0.43549	4.6465E-03	1.18787	3.4478E-03	0.0
0	293.5	1326.9	24.5	0.43549	4.6891E-03	1.18783	3.4182E-03	0.0
0	294.0	1326.4	25.4	0.43552	4.7714E-03	1.18783	3.4117E-03	0.0
0	294.5	1325.3	25.4	0.43552	4.7564E-03	1.18785	3.4314E-03	0.0
0	295.0	1324.8	25.7	0.43552	4.7564E-03	1.18784	3.4244E-03	0.0
0	295.5	1324.2	24.8	0.43551	4.7339E-03	1.18784	3.4249E-03	0.0
0	296.0	1323.8	25.2	0.43551	4.7489E-03	1.18787	3.4478E-03	0.0
0	296.5	1323.3	25.1	0.43549	4.6891E-03	1.18786	3.4413E-03	0.0
0	297.0	1322.6	25.6	0.43552	4.7714E-03	1.18786	3.4412E-03	0.0
0	297.5	1321.6	25.2	0.43551	4.7339E-03	1.18788	3.4577E-03	0.0
0	298.0	1321.0	25.2	0.43552	4.7714E-03	1.18787	3.4445E-03	0.0
0	298.5	1320.4	24.7	0.43549	4.6466E-03	1.18785	3.4314E-03	0.0
0	299.0	1319.3	24.5	0.43551	4.7340E-03	1.18784	3.4248E-03	0.0
0	299.5	1319.7	25.0	0.43548	4.6741E-03	1.18785	3.4281E-03	0.0
0	300.0	1318.9	25.3	0.43549	4.6891E-03	1.18783	3.4150E-03	0.0
0	300.5	1318.5	25.7	0.43549	4.6466E-03	1.18783	3.4117E-03	0.0
0	301.0	1318.5	25.3	0.43548	4.6741E-03	1.18781	3.4019E-03	0.0
0	301.5	1317.4	24.7	0.43551	4.7265E-03	1.18786	3.4413E-03	0.0
0	302.0	1316.7	24.6	0.43548	4.6741E-03	1.18786	3.4412E-03	0.0
0	302.5	1315.8	24.8	0.43550	4.7041E-03	1.18785	3.4314E-03	0.0
0	303.0	1315.1	24.8	0.43550	4.7115E-03	1.18782	3.4051E-03	0.0
0	303.5	1314.3	25.5	0.43553	4.7114E-03	1.18783	3.4117E-03	0.0

0	304.0	1313.2	24.0	0.43547	4.6517E-03	1.18784	3.4244E-03	0.0
0	304.5	1313.9	24.5	0.43551	4.7265E-03	1.18787	3.4478E-03	0.0
0	305.0	1313.4	24.2	0.43547	4.6442E-03	1.18784	3.4244E-03	0.0
0	305.5	1312.5	25.3	0.43523	4.0942E-03	1.18783	3.4182E-03	0.0
0	306.0	1312.0	25.1	0.43544	4.6891E-03	1.18784	3.4249E-03	0.0
0	306.5	1311.8	24.9	0.43552	4.7193E-03	1.18785	3.4314E-03	0.0
0	307.0	1312.9	25.0	0.43552	4.7114E-03	1.18783	3.4183E-03	0.0
0	307.5	1312.8	25.0	0.43547	4.6517E-03	1.18781	3.3985E-03	0.0
0	308.0	1309.3	24.3	0.43547	4.6517E-03	1.18784	3.4248E-03	0.0
0	308.5	1308.7	24.3	0.43546	4.6143E-03	1.18788	3.4544E-03	0.0
0	309.0	1309.1	25.7	0.43545	4.5919E-03	1.18783	3.4183E-03	0.0
0	309.5	1308.3	25.5	0.43549	4.6965E-03	1.18783	3.4150E-03	0.0
0	310.0	1307.8	25.2	0.43546	4.6218E-03	1.18791	3.4806E-03	0.0
0	310.5	1306.6	23.8	0.43548	4.6067E-03	1.18787	3.4478E-03	0.0
0	311.0	1307.2	26.3	0.43547	4.6442E-03	1.18785	3.4347E-03	0.0
0	311.5	1306.4	25.3	0.43549	4.6616E-03	1.18787	3.4446E-03	0.0
0	312.0	1305.3	24.1	0.43549	4.6816E-03	1.18785	3.4314E-03	0.0
0	312.5	1305.3	24.0	0.43546	4.6293E-03	1.18783	3.4150E-03	0.0
0	313.0	1304.5	25.2	0.43548	4.6591E-03	1.18785	3.4347E-03	0.0
0	313.5	1304.1	25.3	0.43547	4.6442E-03	1.18784	3.4249E-03	0.0
0	314.0	1303.5	25.0	0.43544	4.6416E-03	1.18784	3.4244E-03	0.0
0	314.5	1303.0	25.7	0.43547	4.6517E-03	1.18787	3.4445E-03	0.0
0	315.0	1302.3	24.7	0.43551	4.7340E-03	1.18792	3.4871E-03	0.0
0	315.5	1301.5	24.0	0.43547	4.6517E-03	1.18788	3.4609E-03	0.0
0	316.0	1301.8	24.9	0.43549	4.6091E-03	1.18794	3.5069E-03	0.0
0	316.5	1301.0	24.7	0.43549	4.6966E-03	1.18793	3.5003E-03	0.0
0	317.0	1300.4	25.2	0.43548	4.6742E-03	1.18785	3.4347E-03	0.0
0	317.5	1300.0	24.9	0.43548	4.6592E-03	1.18790	3.4741E-03	0.0
0	318.0	1299.6	25.0	0.43548	4.6741E-03	1.18788	3.4544E-03	0.0
0	318.5	1298.7	24.8	0.43549	4.6816E-03	1.18789	3.4643E-03	0.0
0	319.0	1299.2	25.2	0.43547	4.6517E-03	1.18792	3.4905E-03	0.0
0	319.5	1298.6	25.1	0.43549	4.6966E-03	1.18790	3.4741E-03	0.0
0	320.0	1297.8	24.3	0.43551	4.7265E-03	1.18789	3.4675E-03	0.0
0	320.5	1297.8	25.5	0.43549	4.6817E-03	1.18788	3.4577E-03	0.0
0	321.0	1298.1	25.2	0.43549	4.6966E-03	1.18788	3.4576E-03	0.0
0	321.5	1298.1	25.6	0.43548	4.6592E-03	1.18790	3.4742E-03	0.0
0	322.0	1297.9	25.4	0.43549	4.6816E-03	1.18795	3.5133E-03	0.0
0	322.5	1297.3	25.0	0.43552	4.7191E-03	1.18790	3.4708E-03	0.0
0	323.0	1297.5	24.9	0.43547	4.6567E-03	1.18795	3.5166E-03	0.0
0	323.5	1297.5	25.4	0.43551	4.7414E-03	1.18790	3.4774E-03	0.0
0	324.0	1296.9	24.4	0.43549	4.6966E-03	1.18795	3.5133E-03	0.0
0	324.5	1295.8	25.0	0.43552	4.7264E-03	1.18796	3.5265E-03	0.0
0	325.0	1296.3	25.2	0.43548	4.6741E-03	1.18795	3.5166E-03	0.0
0	325.5	1296.5	26.1	0.43549	4.6816E-03	1.18791	3.4806E-03	0.0
0	326.0	1295.9	24.8	0.43552	4.7114E-03	1.18797	3.5330E-03	0.0
0	326.5	1296.1	24.3	0.43544	4.6816E-03	1.18798	3.5395E-03	0.0
0	327.0	1296.3	24.9	0.43548	4.6741E-03	1.18792	3.4872E-03	0.0
0	327.5	1296.1	24.8	0.43552	4.7638E-03	1.18797	3.5297E-03	0.0
0	328.0	1296.2	24.2	0.43551	4.7489E-03	1.18798	3.5396E-03	0.0
0	328.5	1296.7	24.8	0.43551	4.7340E-03	1.18792	3.4872E-03	0.0
0	329.0	1296.5	25.0	0.43549	4.6965E-03	1.18796	3.5232E-03	0.0
0	329.5	1296.4	25.0	0.43552	4.7114E-03	1.18794	3.5267E-03	0.0
0	330.0	1296.1	24.2	0.43552	4.7639E-03	1.18792	3.4905E-03	0.0
0	330.5	1296.1	24.3	0.43549	4.6816E-03	1.18798	3.5429E-03	0.0
0	331.0	1296.5	25.4	0.43551	4.7415E-03	1.18792	3.4904E-03	0.0
0	331.5	1296.9	25.8	0.43551	4.7414E-03	1.18800	3.5592E-03	0.0
0	332.0	1296.6	24.7	0.43524	4.1207E-03	1.18797	3.5330E-03	0.0
0	332.5	1296.6	24.7	0.43552	4.7264E-03	1.18804	3.5888E-03	0.0
0	333.0	1296.7	24.4	0.43549	4.6817E-03	1.18801	3.5691E-03	0.0
0	333.5	1297.1	25.4	0.43552	4.7115E-03	1.18796	3.5265E-03	0.0
0	334.0	1296.6	24.2	0.43552	4.7115E-03	1.18794	3.5036E-03	0.0
0	334.5	1297.1	25.2	0.43552	4.7714E-03	1.18797	3.5297E-03	0.0
0	335.0	1297.4	25.3	0.43551	4.7339E-03	1.18798	3.5429E-03	0.0
0	335.5	1297.4	25.4	0.43549	4.6966E-03	1.18794	3.5100E-03	0.0
0	336.0	1297.0	24.9	0.43552	4.7115E-03	1.18799	3.5462E-03	0.0
0	336.5	1297.0	25.2	0.43552	4.7115E-03	1.18795	3.5199E-03	0.0

0	337.0	1297.4	24.9	0.43552	4.7564E-03	1.18795	3.5166E-03	0.0
0	337.5	1296.4	24.8	0.43551	4.7265E-03	1.18800	3.5593E-03	0.0
0	338.0	1298.1	25.4	0.43551	4.7340E-03	1.18792	3.4905E-03	0.0
0	338.5	1297.0	25.1	0.43551	4.7490E-03	1.18798	3.5396E-03	0.0
0	339.0	1297.6	25.7	0.43551	4.7340E-03	1.18803	3.5855E-03	0.0
0	339.5	1296.7	24.1	0.43553	4.7863E-03	1.18799	3.5461E-03	0.0
0	340.0	1297.1	24.8	0.43552	4.7640E-03	1.18804	3.5888E-03	0.0
0	340.5	1297.4	25.1	0.43552	4.7714E-03	1.18797	3.5330E-03	0.0
0	341.0	1297.9	27.7	0.43552	4.7115E-03	1.18802	3.5724E-03	0.0
0	341.5	1297.6	30.9	0.43551	4.7265E-03	1.18801	3.5658E-03	0.0
0	342.0	1297.2	37.2	0.43552	4.7041E-03	1.18805	3.6019E-03	0.0
0	342.5	1297.9	41.2	0.43551	4.7414E-03	1.18810	3.6445E-03	0.0
0	343.0	1298.4	47.3	0.43547	4.6442E-03	1.18815	3.6840E-03	0.0
0	343.5	1298.7	51.6	0.43548	4.6591E-03	1.18814	3.6741E-03	0.0
0	344.0	1298.6	56.8	0.43546	4.6218E-03	1.18815	3.6839E-03	0.0
0	344.5	1298.5	61.5	0.43548	4.6591E-03	1.18830	3.8086E-03	0.0
0	345.0	1298.4	67.0	0.43549	4.6817E-03	1.18844	3.9300E-03	0.0
0	345.5	1298.4	71.8	0.43551	4.7340E-03	1.18839	3.8874E-03	0.0
0	346.0	1298.2	77.7	0.43548	4.6667E-03	1.18842	3.9104E-03	0.0
0	346.5	1298.8	82.1	0.43549	4.6691E-03	1.18854	4.0152E-03	0.0
0	347.0	1298.1	87.1	0.43554	4.8162E-03	1.18864	4.0972E-03	0.0
0	347.5	1298.4	92.8	0.43552	4.7714E-03	1.18862	4.0809E-03	0.0
0	348.0	1298.5	97.4	0.43551	4.7340E-03	1.18883	4.2580E-03	0.0
0	348.5	1298.6	101.8	0.43551	4.7414E-03	1.18886	4.2810E-03	0.0
0	349.0	1298.5	108.5	0.43552	4.7115E-03	1.18898	4.3827E-03	0.0
0	349.5	1297.8	111.6	0.43516	3.9243E-03	1.18906	4.4515E-03	0.0
0	350.0	1298.6	117.7	0.43551	4.7265E-03	1.18924	4.6025E-03	0.0
0	350.5	1298.7	122.4	0.43551	4.7414E-03	1.18932	4.6714E-03	0.0
0	351.0	1299.1	127.2	0.43515	3.9038E-03	1.18940	4.7401E-03	0.0
0	351.5	1298.8	133.2	0.43588	3.7468E-03	1.18963	4.9371E-03	0.0
0	352.0	1298.7	137.8	0.43539	4.4722E-03	1.18980	5.0781E-03	0.0
0	352.5	1298.0	142.4	0.43536	4.3899E-03	1.18999	5.2355E-03	0.0
0	353.0	1299.0	147.9	0.43527	4.1954E-03	1.19012	5.3504E-03	0.0
0	353.5	1298.8	153.4	0.43525	4.1431E-03	1.19040	5.5898E-03	0.0
0	354.0	1298.1	157.9	0.43522	4.0684E-03	1.19062	5.7703E-03	0.0
0	354.5	1298.5	163.0	0.43516	3.9262E-03	1.19097	6.0688E-03	0.0
0	355.0	1297.8	168.3	0.43506	3.7094E-03	1.19110	6.1771E-03	0.0
0	355.5	1298.5	173.1	0.43496	3.4776E-03	1.19142	6.4460E-03	0.0
0	356.0	1297.9	177.8	0.43483	3.1634E-03	1.19211	7.0266E-03	0.0
0	356.5	1296.7	182.2	0.43472	2.9091E-03	1.19250	7.3581E-03	0.0
0	357.0	1298.3	188.4	0.43452	2.4530E-03	1.19318	7.9301E-03	0.0
0	357.5	1298.4	193.9	0.43431	1.9668E-03	1.19393	8.5717E-03	0.0
0	358.0	1297.7	198.8	0.43413	1.5555E-03	1.19480	9.3000E-03	0.0
0	358.5	1298.3	203.4	0.43386	9.4230E-04	1.19579	1.0140E-02	0.0
0	359.0	1298.5	208.1	0.43357	2.5430E-04	1.19724	1.1363E-02	0.0
0	359.5	1298.2	212.3	0.43315	-6.8061E-04	1.19893	1.2790E-02	0.0
0	360.0	1298.3	217.0	0.43261	-1.9520E-03	1.20103	1.4565E-02	0.0
0	360.5	1298.2	222.3	0.43206	-3.2159E-03	1.20369	1.6812E-02	0.0
0	361.0	1298.8	226.7	0.43232	-2.6624E-03	1.20682	1.9453E-02	0.0
0	361.5	1297.8	232.9	0.43057	-6.6636E-03	1.21042	2.2497E-02	0.0
0	362.0	1298.1	236.5	0.42951	-9.1015E-03	1.21454	2.5975E-02	0.0
0	362.5	1297.5	241.8	0.42642	-1.1622E-02	1.21923	2.9941E-02	0.0
0	363.0	1297.3	245.9	0.42712	-1.4628E-02	1.22448	3.4372E-02	0.0
0	363.5	1296.8	252.1	0.42565	-1.8009E-02	1.23050	3.9457E-02	0.0
0	364.0	1296.7	255.9	0.42410	-2.1576E-02	1.23737	4.5260E-02	0.0
0	364.5	1297.0	260.0	0.42252	-2.5233E-02	1.24400	5.1999E-02	0.0
0	365.0	1295.8	263.2	0.42188	-2.8699E-02	1.25000	5.9999E-02	0.0
0	365.5	1296.0	269.3	0.41825	-3.5082E-02	1.25500	6.9999E-02	0.0
0	366.0	1295.4	272.6	0.41558	-4.1237E-02	1.25900	8.0000E-02	0.0
0	366.5	1295.2	277.3	0.41322	-4.6089E-02	1.26200	9.0000E-02	0.0
0	367.0	1295.7	281.2	0.41006	-5.3481E-02	1.26400	1.0000E-01	0.0
0	367.5	1295.5	286.6	0.40676	-6.1579E-02	1.26500	1.1000E-01	0.0
0	368.0	1294.4	289.4	0.40299	-7.0277E-02	1.26500	1.2000E-01	0.0
0	368.5	1294.5	294.6	0.39954	-7.8249E-02	1.26400	1.3000E-01	0.0
0	369.0	1293.0	297.3	0.39499	-8.8749E-02	1.26200	1.4000E-01	0.0
0	369.5	1293.5	300.6	0.39003	-1.0010E-01	1.25900	1.5000E-01	0.0

0	370.0	1290.2	304.1	0.38417	-1.1371E-01	-9.99900	-9.99900E+03	0.0
8	370.5	1291.5	307.2	0.37761	-1.2884E-01	-9.99900	-9.99900E+03	0.0
8	371.0	1291.2	309.5	0.37093	-1.4424E-01	-9.99900	-9.99900E+03	0.0
8	371.5	1290.0	310.7	0.36295	-1.6265E-01	-9.99900	-9.99900E+03	0.0
8	372.0	1289.2	311.1	0.35202	-1.8788E-01	-9.99900	-9.99900E+03	0.0
8	373.5	1275.0		1.2-9.99900	-9.99900E+03	1.21948	3.0147E-02	0.0

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9	491.0	616.7	10.7	0.43392	1.9761E-03	1.18086	1.7658E-03	0.0
9	491.5	616.9	10.6	0.43397	2.0884E-03	1.18084	1.7494E-03	0.0
9	492.0	616.9	10.5	0.43394	2.0210E-03	1.18084	1.7527E-03	0.0
9	492.5	617.2	10.6	0.43396	2.0585E-03	1.18081	1.7263E-03	0.0
9	493.0	617.2	10.5	0.43395	2.0286E-03	1.18081	1.7263E-03	0.0
9	493.5	616.9	10.7	0.43396	2.0510E-03	1.18084	1.7461E-03	0.0
9	494.0	617.3	10.6	0.43396	2.0659E-03	1.18084	1.7494E-03	0.0
9	494.5	617.0	10.6	0.43392	1.9611E-03	1.18085	1.7592E-03	0.0
9	495.0	616.5	10.7	0.43398	2.1034E-03	1.18089	1.7422E-03	0.0
9	495.5	617.1	10.5	0.43397	2.0885E-03	1.18086	1.7692E-03	0.0
9	496.0	617.1	10.7	0.43396	2.0585E-03	1.18086	1.7692E-03	0.0
9	496.5	620.4	9.7	0.43400	2.1483E-03	1.18094	1.8317E-03	0.0
9	497.0	697.8	8.5	0.43418	2.5674E-03	1.18122	2.0755E-03	0.0
9	497.5	789.8	9.5	0.43436	2.9791E-03	1.18160	2.3917E-03	0.0
9	498.0	883.4	8.4	0.43453	3.3759E-03	1.18195	2.6883E-03	0.0
9	498.5	974.6	8.8	0.43469	3.7427E-03	1.18225	2.9452E-03	0.0
9	499.0	1063.4	9.3	0.43486	4.1469E-03	1.18258	3.1560E-03	0.0
9	499.5	1150.8	8.9	0.43504	4.6634E-03	1.18283	3.4393E-03	0.0
9	500.0	1235.1	8.8	0.43527	5.0975E-03	1.18312	3.6799E-03	0.0
9	500.5	1315.9	9.4	0.43544	5.4793E-03	1.18346	3.9697E-03	0.0
9	501.0	1394.6	9.3	0.43556	5.7638E-03	1.18380	4.2563E-03	0.0
9	501.5	1451.5	10.0	0.43566	5.9883E-03	1.18405	4.4706E-03	0.0
9	502.0	1489.0	9.6	0.43570	6.0781E-03	1.18420	4.5957E-03	0.0
9	502.5	1502.5	10.4	0.43573	6.1530E-03	1.18424	4.6352E-03	0.0
9	503.0	1506.4	10.5	0.43573	6.1530E-03	1.18428	4.6681E-03	0.0
9	503.5	1508.6	10.1	0.43573	6.1455E-03	1.18427	4.6550E-03	0.0
9	504.0	1510.3	10.4	0.43572	6.1305E-03	1.18434	4.7143E-03	0.0
9	504.5	1511.6	10.4	0.43573	6.1455E-03	1.18432	4.7044E-03	0.0
9	505.0	1512.4	10.3	0.43572	6.1155E-03	1.18433	4.7110E-03	0.0
9	505.5	1513.3	10.5	0.43571	6.1081E-03	1.18436	4.7373E-03	0.0
9	506.0	1513.7	10.4	0.43574	6.1605E-03	1.18438	4.7539E-03	0.0
9	506.5	1514.3	10.4	0.43574	6.1605E-03	1.18442	4.7860E-03	0.0
9	507.0	1515.0	10.0	0.43570	6.0056E-03	1.18437	4.7472E-03	0.0
9	507.5	1514.6	10.9	0.43572	6.1230E-03	1.18449	4.8494E-03	0.0
9	508.0	1514.7	10.4	0.43572	6.1155E-03	1.18451	4.8658E-03	0.0
9	508.5	1514.2	10.5	0.43570	6.0780E-03	1.18445	4.8131E-03	0.0
9	509.0	1514.1	10.5	0.43567	6.0033E-03	1.18456	4.9021E-03	0.0
9	509.5	1514.4	11.0	0.43569	6.0556E-03	1.18449	4.8460E-03	0.0
9	510.0	1513.5	10.7	0.43565	5.9733E-03	1.18452	4.8691E-03	0.0
9	510.5	1514.4	10.8	0.43565	5.9583E-03	1.18457	4.9119E-03	0.0
9	511.0	1513.4	10.4	0.43571	6.0931E-03	1.18460	4.9383E-03	0.0
9	511.5	1514.2	10.5	0.43567	6.0107E-03	1.18454	4.8921E-03	0.0
9	512.0	1513.1	10.8	0.43570	6.0056E-03	1.18465	4.9778E-03	0.0
9	512.5	1512.6	10.3	0.43566	5.9883E-03	1.18465	4.9844E-03	0.0
9	513.0	1512.1	10.5	0.43569	6.0556E-03	1.18466	4.9909E-03	0.0
9	513.5	1512.2	10.4	0.43566	5.9883E-03	1.18470	5.0206E-03	0.0
9	514.0	1514.0	10.7	0.43565	5.9733E-03	1.18470	5.0273E-03	0.0
9	514.5	1510.7	10.7	0.43564	5.9588E-03	1.18463	4.9679E-03	0.0
9	515.0	1510.2	10.5	0.43565	5.9659E-03	1.18462	4.9547E-03	0.0
9	515.5	1510.7	10.7	0.43567	6.0181E-03	1.18470	5.0207E-03	0.0
9	516.0	1509.4	10.3	0.43562	5.9059E-03	1.18470	5.0272E-03	0.0
9	516.5	1509.5	10.7	0.43570	6.0781E-03	1.18478	5.0931E-03	0.0
9	517.0	1507.6	10.7	0.43567	6.0182E-03	1.18479	5.0998E-03	0.0
9	517.5	1508.4	11.0	0.43566	5.9958E-03	1.18478	5.0931E-03	0.0
9	518.0	1507.6	10.3	0.43565	5.9733E-03	1.18481	5.1195E-03	0.0
9	518.5	1508.5	10.7	0.43564	5.9434E-03	1.18484	5.1425E-03	0.0
9	519.0	1507.1	10.1	0.43566	5.9957E-03	1.18481	5.1194E-03	0.0
9	519.5	1506.4	10.7	0.43561	5.8611E-03	1.18482	5.1261E-03	0.0
9	520.0	1506.6	10.2	0.43565	5.9583E-03	1.18482	5.1261E-03	0.0
9	520.5	1506.7	10.6	0.43569	6.0482E-03	1.18485	5.1491E-03	0.0
9	521.0	1505.1	10.7	0.43561	5.8685E-03	1.18489	5.1854E-03	0.0
9	521.5	1504.8	10.3	0.43565	5.9584E-03	1.18487	5.1721E-03	0.0

4	522.4	1505.2	10.3	0.43503	5.42842E-03	1.18444	5.22852E-03	0.0	1
9	522.5	1505.0	10.9	0.43501	5.86852E-03	1.18490	5.19522E-03	0.0	1
9	523.0	1503.7	11.1	0.43503	5.92842E-03	1.18494	5.22822E-03	0.0	1
9	523.5	1503.4	12.3	0.43500	5.85352E-03	1.18491	5.19862E-03	0.0	1
9	524.2	1503.7	10.4	0.43505	5.95832E-03	1.18497	5.25462E-03	0.0	1
9	524.5	1502.1	10.4	0.43502	5.88352E-03	1.18502	5.29412E-03	0.0	1
9	525.0	1503.0	10.6	0.43506	5.98832E-03	1.18496	5.24792E-03	0.0	1
9	525.5	1502.3	10.6	0.43504	5.95092E-03	1.18498	5.26122E-03	0.0	1
9	526.0	1501.5	10.8	0.43502	5.89842E-03	1.18503	5.30082E-03	0.0	1
9	526.5	1500.3	11.3	0.43502	5.90602E-03	1.18500	5.27772E-03	0.0	1
9	527.0	1499.4	10.4	0.43503	5.92842E-03	1.18505	5.32372E-03	0.0	1
9	527.5	1499.3	10.6	0.43505	5.97342E-03	1.18501	5.28752E-03	0.0	1
9	528.0	1499.1	10.5	0.43502	5.84352E-03	1.18503	5.30402E-03	0.0	1
9	528.5	1498.8	10.6	0.43502	5.89842E-03	1.18509	5.35672E-03	0.0	1
9	529.0	1499.6	10.8	0.43501	5.87592E-03	1.18503	5.30732E-03	0.0	1
9	529.5	1498.4	10.6	0.43501	5.86112E-03	1.18509	5.35352E-03	0.0	1
9	530.0	1498.2	10.7	0.43503	5.91342E-03	1.18509	5.35342E-03	0.0	1
9	530.5	1498.7	11.1	0.43501	5.86852E-03	1.18517	5.41932E-03	0.0	1
9	531.0	1498.6	10.9	0.43501	5.87612E-03	1.18510	5.36002E-03	0.0	1
9	531.5	1498.0	10.0	0.43501	5.86112E-03	1.18516	5.41272E-03	0.0	1
9	532.0	1498.8	10.4	0.43502	5.89102E-03	1.18516	5.41602E-03	0.0	1
9	532.5	1497.5	10.5	0.43500	5.85352E-03	1.18518	5.42422E-03	0.0	1
9	533.0	1496.7	10.7	0.43502	5.90592E-03	1.18520	5.44562E-03	0.0	1
9	533.5	1498.6	10.6	0.43503	5.91342E-03	1.18523	5.47192E-03	0.0	1
9	534.0	1497.7	10.5	0.43504	5.81612E-03	1.18526	5.49912E-03	0.0	1
9	534.5	1497.8	10.4	0.43500	5.85352E-03	1.18522	5.46872E-03	0.0	1
9	535.0	1497.0	10.5	0.43508	5.79362E-03	1.18525	5.49182E-03	0.0	1
9	535.5	1497.8	10.9	0.43501	5.87602E-03	1.18523	5.47202E-03	0.0	1
9	536.0	1498.7	10.6	0.43501	5.86102E-03	1.18529	5.52142E-03	0.0	1
9	536.5	1498.1	10.5	0.4350A	5.79372E-03	1.18531	5.54112E-03	0.0	1
9	537.0	1497.0	10.6	0.43500	5.80122E-03	1.18530	5.53132E-03	0.0	1
9	537.5	1496.9	11.0	0.43502	5.89842E-03	1.18528	5.51812E-03	0.0	1
9	538.0	1497.9	10.8	0.43500	5.83862E-03	1.18528	5.51822E-03	0.0	1
9	538.5	1498.3	11.1	0.43508	5.80112E-03	1.18534	5.56762E-03	0.0	1
9	539.0	1498.1	10.5	0.43509	5.81612E-03	1.18538	5.59712E-03	0.0	1
9	539.5	1496.9	10.3	0.43504	5.71882E-03	1.18536	5.58732E-03	0.0	1
9	540.0	1497.1	11.1	0.43508	5.80112E-03	1.18534	5.56752E-03	0.0	1
9	540.5	1497.7	10.7	0.43507	5.77882E-03	1.18537	5.59392E-03	0.0	1
9	541.0	1498.4	10.5	0.43509	5.81622E-03	1.18541	5.62682E-03	0.0	1
9	541.5	1497.7	10.5	0.43508	5.80862E-03	1.18541	5.62692E-03	0.0	1
9	542.0	1497.6	10.4	0.43505	5.74132E-03	1.18539	5.60712E-03	0.0	1
9	542.5	1498.2	10.8	0.43508	5.80862E-03	1.18544	5.65322E-03	0.0	1
9	543.0	1498.0	11.1	0.43507	5.77872E-03	1.18545	5.66302E-03	0.0	1
9	543.5	1499.1	10.5	0.43504	5.70382E-03	1.18544	5.64992E-03	0.0	1
9	544.0	1498.3	10.7	0.43505	5.73382E-03	1.18545	5.66372E-03	0.0	1
9	544.5	1497.7	10.7	0.43507	5.77122E-03	1.18546	5.66962E-03	0.0	1
9	545.0	1499.6	10.7	0.43507	5.77872E-03	1.18550	5.64922E-03	0.0	1
9	545.5	1499.4	10.7	0.43506	5.75622E-03	1.18547	5.67632E-03	0.0	1
9	546.0	1498.3	10.8	0.43500	5.75622E-03	1.18552	5.72232E-03	0.0	1
9	546.5	1499.1	10.7	0.43507	5.78622E-03	1.18555	5.74212E-03	0.0	1
9	547.0	1499.0	10.5	0.43506	5.76382E-03	1.18558	5.77172E-03	0.0	1
9	547.5	1498.8	11.1	0.43506	5.78372E-03	1.18558	5.77172E-03	0.0	1
9	548.0	1499.1	10.3	0.43508	5.80862E-03	1.18557	5.76522E-03	0.0	1
9	548.5	1499.4	11.1	0.43505	5.72632E-03	1.18557	5.75862E-03	0.0	1
9	549.0	1499.2	10.5	0.43505	5.74132E-03	1.18554	5.73222E-03	0.0	1
9	549.5	1498.9	11.1	0.43507	5.78622E-03	1.18561	5.74492E-03	0.0	1
9	550.0	1498.6	10.5	0.43508	5.80122E-03	1.18564	5.82442E-03	0.0	1
9	550.5	1499.3	10.6	0.43505	5.72432E-03	1.18562	5.80812E-03	0.0	1
9	551.0	1498.9	10.8	0.43508	5.74372E-03	1.18568	5.85422E-03	0.0	1
9	551.5	1499.2	10.5	0.43503	5.68892E-03	1.18569	5.86022E-03	0.0	1
9	552.0	1499.1	10.9	0.43509	5.83112E-03	1.18573	5.90022E-03	0.0	1
9	552.5	1498.7	10.4	0.43506	5.75622E-03	1.18573	5.84372E-03	0.0	1
9	553.0	1499.6	10.8	0.43507	5.77122E-03	1.18572	5.88712E-03	0.0	1
9	553.5	1498.8	11.0	0.43503	5.68132E-03	1.18568	5.85082E-03	0.0	1
9	554.0	1498.2	10.5	0.43504	5.70392E-03	1.18569	5.86702E-03	0.0	1
9	554.5	1499.5	10.5	0.43507	5.77122E-03	1.18577	5.92992E-03	0.0	1

4	555.0	1499.0	10.4	0.43556	5.1637E-03	1.18574	5.9446E-03	0.0
9	555.5	1498.2	10.5	0.43560	5.8385E-03	1.18575	5.9168E-03	0.0
9	556.0	1498.1	10.4	0.43552	5.6590E-03	1.18578	5.9365E-03	0.0
9	556.5	1499.2	10.6	0.43556	5.7487E-03	1.18579	5.9464E-03	0.0
9	557.0	1498.8	12.8	0.43555	5.7330E-03	1.18587	6.0188E-03	0.0
9	557.5	1498.9	10.9	0.43554	5.7113E-03	1.18582	5.9760E-03	0.0
9	558.0	1497.9	10.7	0.43557	5.7188E-03	1.18580	5.9596E-03	0.0
9	558.5	1498.2	10.8	0.43556	5.7637E-03	1.18581	5.9661E-03	0.0
9	559.0	1498.8	10.3	0.43556	5.7638E-03	1.18584	5.9892E-03	0.0
9	559.5	1499.4	10.3	0.43555	5.7413E-03	1.18595	6.0880E-03	0.0
9	560.0	1498.2	11.1	0.43557	5.7862E-03	1.18594	6.0782E-03	0.0
9	560.5	1498.2	10.7	0.43555	5.7337E-03	1.18591	6.0519E-03	0.0
9	561.0	1497.7	11.0	0.43558	5.8086E-03	1.18592	6.0551E-03	0.0
9	561.5	1498.1	10.9	0.43556	5.7487E-03	1.18595	6.0881E-03	0.0
9	562.0	1498.5	11.9	0.43556	5.7562E-03	1.18597	6.1046E-03	0.0
9	562.5	1498.2	12.7	0.43553	5.6964E-03	1.18601	6.1309E-03	0.0
9	563.0	1498.0	13.6	0.43555	5.7338E-03	1.18607	6.1836E-03	0.0
9	563.5	1499.0	14.8	0.43554	5.7039E-03	1.18611	6.2231E-03	0.0
9	564.0	1498.8	16.3	0.43554	5.7188E-03	1.18618	6.2758E-03	0.0
9	564.5	1499.1	16.8	0.43548	5.5766E-03	1.18623	6.3186E-03	0.0
9	565.0	1498.9	18.5	0.43552	5.6589E-03	1.18627	6.3515E-03	0.0
9	565.5	1498.5	19.4	0.43548	5.5616E-03	1.18632	6.4010E-03	0.0
9	566.0	1499.0	20.5	0.43550	5.6065E-03	1.18638	6.4504E-03	0.0
9	566.5	1498.1	21.5	0.43546	5.5317E-03	1.18642	6.4866E-03	0.0
9	567.0	1498.2	22.5	0.43550	5.6065E-03	1.18648	6.5320E-03	0.0
9	567.5	1498.6	23.2	0.43548	5.5691E-03	1.18656	6.5986E-03	0.0
9	568.0	1500.2	24.6	0.43543	5.4568E-03	1.18656	6.5986E-03	0.0
9	568.5	1499.4	25.1	0.43547	5.5392E-03	1.18665	6.6811E-03	0.0
9	569.0	1499.4	26.0	0.43546	5.5242E-03	1.18674	6.7534E-03	0.0
9	569.5	1499.8	27.1	0.43545	5.4943E-03	1.18681	6.8161E-03	0.0
9	570.0	1499.4	27.9	0.43539	5.3671E-03	1.18688	6.8754E-03	0.0
9	570.5	1499.7	29.1	0.43544	5.4793E-03	1.18691	6.8952E-03	0.0
9	571.0	1499.9	30.1	0.43542	5.4264E-03	1.18698	6.9611E-03	0.0
9	571.5	1499.5	31.2	0.43546	5.5317E-03	1.18707	7.0302E-03	0.0
9	572.0	1498.6	32.2	0.43542	5.4419E-03	1.18714	7.0961E-03	0.0
9	572.5	1498.0	33.7	0.43542	5.4268E-03	1.18720	7.1488E-03	0.0
9	573.0	1498.2	34.8	0.43544	5.4792E-03	1.18730	7.2278E-03	0.0
9	573.5	1498.9	35.5	0.43540	5.3969E-03	1.18739	7.3036E-03	0.0
9	574.0	1499.6	36.8	0.43537	5.3147E-03	1.18747	7.3760E-03	0.0
9	574.5	1499.4	37.1	0.43538	5.3370E-03	1.18753	7.4223E-03	0.0
9	575.0	1499.5	38.3	0.43537	5.3221E-03	1.18764	7.5145E-03	0.0
9	575.5	1498.6	39.7	0.43536	5.2997E-03	1.18773	7.5903E-03	0.0
9	576.0	1499.3	39.6	0.43527	5.0975E-03	1.18779	7.6463E-03	0.0
9	576.5	1498.3	41.2	0.43528	5.1200E-03	1.18780	7.6528E-03	0.0
9	577.0	1498.3	42.1	0.43525	5.0377E-03	1.18792	7.7549E-03	0.0
9	577.5	1498.4	43.3	0.43526	5.0601E-03	1.18809	7.8966E-03	0.0
9	578.0	1499.0	44.3	0.43525	5.0302E-03	1.18829	8.0680E-03	0.0
9	578.5	1498.3	45.4	0.43526	5.0527E-03	1.18846	8.2162E-03	0.0
9	579.0	1499.0	46.5	0.43521	4.9403E-03	1.18859	8.3249E-03	0.0
9	579.5	1499.2	47.6	0.43519	4.9104E-03	1.18870	8.4139E-03	0.0
9	580.0	1498.8	48.7	0.43516	4.8280E-03	1.18880	8.5061E-03	0.0
9	580.5	1498.5	49.7	0.43515	4.8056E-03	1.18892	8.6049E-03	0.0
9	581.0	1499.6	50.4	0.43511	4.7083E-03	1.18902	8.6906E-03	0.0
9	581.5	1498.7	51.2	0.43508	4.6484E-03	1.18916	8.8058E-03	0.0
9	582.0	1498.4	52.9	0.43503	4.5212E-03	1.18937	8.9837E-03	0.0
9	582.5	1498.8	53.6	0.43504	4.5511E-03	1.18955	9.1419E-03	0.0
9	583.0	1498.6	54.5	0.43500	4.5586E-03	1.18974	9.2968E-03	0.0
9	583.5	1498.6	55.6	0.43502	4.4988E-03	1.18989	9.4252E-03	0.0
9	584.0	1498.8	56.7	0.43495	4.3415E-03	1.19008	9.5900E-03	0.0
9	584.5	1499.7	57.3	0.43493	4.3041E-03	1.19034	9.8041E-03	0.0
9	585.0	1499.2	58.7	0.43486	4.1394E-03	1.19046	9.9062E-03	0.0
9	585.5	1499.9	59.4	0.43488	4.1769E-03	1.19064	1.0061E-02	0.0
9	586.0	1499.5	60.4	0.43480	3.9972E-03	1.19080	1.0203E-02	0.0
9	586.5	1499.6	61.2	0.43479	3.9748E-03	1.19102	1.0384E-02	0.0
9	587.0	1499.2	62.8	0.43475	3.8849E-03	1.19129	1.0611E-02	0.0
9	587.5	1499.3	63.4	0.43472	3.8250E-03	1.19155	1.0832E-02	0.0

9	588.0	1498.5	65.1	0.43464	3.7427E-03	1.19177	1.1020E-02	0.0
9	588.5	1507.2	65.2	0.43464	3.6379E-03	1.19205	1.1260E-02	0.0
9	589.0	1499.3	66.8	0.43458	3.4957E-03	1.19231	1.1478E-02	0.0
9	589.5	1499.5	67.9	0.43454	3.4059E-03	1.19260	1.1721E-02	0.0
9	590.0	1499.8	68.5	0.43450	3.3086E-03	1.19280	1.1893E-02	0.0
9	590.5	1500.1	69.5	0.43447	3.2486E-03	1.19316	1.2202E-02	0.0
9	591.0	1499.0	70.7	0.43439	3.0540E-03	1.19344	1.2440E-02	0.0
9	591.5	1498.9	71.8	0.43430	2.8370E-03	1.19374	1.2697E-02	0.0
9	592.0	1499.8	72.7	0.43433	2.9193E-03	1.19413	1.3026E-02	0.0
9	592.5	1500.5	73.0	0.43426	2.7622E-03	1.19449	1.3332E-02	0.0
9	593.0	1500.1	74.0	0.43423	2.6948E-03	1.19486	1.3645E-02	0.0
9	593.5	1500.2	75.7	0.43417	2.5375E-03	1.19529	1.4004E-02	0.0
9	594.0	1500.1	76.2	0.43411	2.4178E-03	1.19571	1.4367E-02	0.0
9	594.5	1500.6	77.8	0.43404	2.2381E-03	1.19610	1.4696E-02	0.0
9	595.0	1500.8	78.3	0.43390	1.9313E-03	1.19654	1.5068E-02	0.0
9	595.5	1499.0	79.9	0.43385	1.8114E-03	1.19697	1.5431E-02	0.0
9	596.0	1500.3	81.1	0.43379	1.6618E-03	1.19744	1.5833E-02	0.0
9	596.5	1501.1	81.3	0.43367	1.3997E-03	1.19795	1.6261E-02	0.0
9	597.0	1499.5	82.1	0.43358	1.1902E-03	1.19851	1.6735E-02	0.0
9	597.5	1499.0	83.9	0.43343	8.3082E-04	1.19902	1.7170E-02	0.0
9	598.0	1500.1	84.3	0.43334	6.3626E-04	1.19959	1.7655E-02	0.0
9	598.5	1499.9	85.2	0.43325	4.1175E-04	1.20025	1.8218E-02	0.0
9	599.0	1500.4	86.4	0.43313	1.4967E-04	1.20084	1.8715E-02	0.0
9	599.5	1500.0	87.3	0.43305	-4.4888E-05	1.20153	1.9305E-02	0.0
9	600.0	1499.6	88.8	0.43293	-3.0689E-04	1.20225	1.9908E-02	0.0
9	600.5	1499.7	89.5	0.43280	-6.0631E-04	1.20290	2.0465E-02	0.0
9	601.0	1500.3	90.6	0.43271	-8.3689E-04	1.20366	2.1107E-02	0.0
9	601.5	1499.0	91.5	0.43253	-1.2500E-03	1.20447	2.1799E-02	0.0
9	602.0	1500.0	92.4	0.43241	-1.5120E-03	1.20534	2.2537E-02	0.0
9	602.5	1500.3	93.6	0.43224	-1.9088E-03	1.20620	2.3262E-02	0.0
9	603.0	1499.6	94.6	0.43209	-2.2531E-03	1.20711	2.4032E-02	0.0
9	603.5	1500.0	95.5	0.43195	-2.5899E-03	1.20809	2.4863E-02	0.0
9	604.0	1499.8	96.6	0.43178	-2.9717E-03	1.20910	2.5719E-02	0.0
9	604.5	1499.3	96.9	0.43158	-3.4358E-03	1.21014	2.6605E-02	0.0
9	605.0	1499.4	98.4	0.43135	-3.9598E-03	1.21126	2.7557E-02	0.0
9	605.5	1499.2	99.6	0.43114	-4.4463E-03	1.21238	2.8510E-02	0.0
9	606.0	1500.3	99.8	0.43095	-4.8954E-03	1.21364	2.9574E-02	0.0
9	606.5	1500.6	101.3	0.43075	-5.3520E-03	1.21505	3.0769E-02	0.0
9	607.0	1499.8	102.0	0.43055	-5.8237E-03	1.21640	3.1916E-02	0.0
9	607.5	1499.7	103.0	0.43026	-6.4898E-03	1.21785	3.3148E-02	0.0
9	608.0	1499.2	103.7	0.43001	-7.0588E-03	1.21936	3.4426E-02	0.0
9	608.5	1500.0	104.9	0.42975	-7.6501E-03	1.22091	3.5744E-02	0.0
9	609.0	1498.4	106.3	0.42953	-8.1741E-03	1.22257	3.7147E-02	0.0
9	609.5	1499.4	106.1	0.42921	-8.9001E-03	1.22433	3.8640E-02	0.0
9	610.0	1498.9	107.9	0.42892	-9.5812E-03	1.22610	4.0149E-02	0.0
9	610.5	1499.6	108.9	0.42858	-1.0360E-02	1.22801	4.1766E-02	0.0
9	611.0	1498.7	109.6	0.42821	-1.1206E-02	1.23010	4.3535E-02	0.0
9	611.5	1499.2	110.7	0.42785	-1.2052E-02	1.23217	4.5291E-02	0.0
9	612.0	1499.2	111.4	0.42752	-1.2808E-02	1.23438	4.7172E-02	0.0
9	612.5	1499.2	112.2	0.42715	-1.3668E-02	1.23661	4.9060E-02	0.0
9	613.0	1497.6	113.5	0.42671	-1.4606E-02	1.23921	5.1273E-02	0.0
9	613.5	1498.5	113.9	0.42640	-1.5390E-02	1.24183	5.3491E-02	0.0
9	614.0	1499.0	114.8	0.42586	-1.6640E-02	1.24456	5.5807E-02	0.0
9	614.5	1499.4	115.9	0.42536	-1.7793E-02	1.24752	5.8317E-02	0.0
9	615.0	1497.9	117.1	0.42486	-1.8453E-02	1.25630	6.5762E-02	0.0
9	615.5	1498.8	118.0	0.42435	-2.0128E-02	1.25955	6.8523E-02	0.0
9	616.0	1498.4	119.1	0.42382	-2.1363E-02	-9.99900	-9.9990E+03	0.0
9	616.5	1498.3	120.3	0.42328	-2.2606E-02	-9.99900	-9.9990E+03	0.0

IST -10, ISTART= 1 ISTOP=1234

10	437.5	638.0	9.9	0.43442	1.8840E-03	1.17646	1.4048E-03	0.0
10	438.0	637.3	10.0	0.43442	1.8766E-03	1.17652	1.4578E-03	0.0
10	438.5	637.6	10.1	0.43444	1.9215E-03	1.17649	1.4287E-03	0.0
10	439.0	637.5	10.2	0.43441	1.8691E-03	1.17647	1.4148E-03	0.0
10	439.5	637.9	9.9	0.43438	1.7943E-03	1.17652	1.4545E-03	0.0
10	440.0	639.2	9.9	0.43441	1.8616E-03	1.17645	1.3949E-03	0.0
	440.5	638.0	9.5	0.43444	1.4214E-03	1.17648	1.4214E-03	0.0
10	441.0	637.4	10.2	0.43442	1.8840E-03	1.17651	1.4445E-03	0.0
10	441.5	637.9	10.1	0.43440	1.8467E-03	1.17650	1.4580E-03	0.0
10	442.0	640.4	9.7	0.43445	1.9588E-03	1.17653	1.4644E-03	0.0
10	442.5	685.3	8.2	0.43458	2.2578E-03	1.17674	1.6461E-03	0.0
10	443.0	776.7	8.0	0.43479	2.7214E-03	1.17709	1.9371E-03	0.0
10	443.5	873.9	7.6	0.43495	3.1027E-03	1.17745	2.2478E-03	0.0
10	444.0	968.8	8.0	0.43511	3.4765E-03	1.17778	2.5320E-03	0.0
10	444.5	1061.3	7.3	0.43525	3.7979E-03	1.17809	2.7931E-03	0.0
10	445.0	1152.4	7.7	0.43547	4.3063E-03	1.17839	3.0510E-03	0.0
10	445.5	1241.3	8.0	0.43569	4.8072E-03	1.17877	3.3717E-03	0.0
10	446.0	1326.2	7.9	0.43585	5.1735E-03	1.17907	3.6261E-03	0.0
10	446.5	1405.5	7.4	0.43599	5.5174E-03	1.17937	3.8840E-03	0.0
10	447.0	1465.4	8.4	0.43606	5.6669E-03	1.17962	4.0923E-03	0.0
10	447.5	1498.2	9.7	0.43608	5.7193E-03	1.17974	4.1947E-03	0.0
10	448.0	1510.0	9.8	0.43605	5.6520E-03	1.17977	4.2245E-03	0.0
10	448.5	1512.2	9.8	0.43603	5.5922E-03	1.17985	4.2873E-03	0.0
10	449.0	1513.8	9.9	0.43603	5.5922E-03	1.17983	4.2747E-03	0.0
10	449.5	1514.7	9.8	0.43604	5.6146E-03	1.17988	4.3137E-03	0.0
10	450.0	1516.3	9.8	0.43603	5.5996E-03	1.17987	4.3071E-03	0.0
10	450.5	1515.9	9.8	0.43601	5.549E-03	1.17990	4.3335E-03	0.0
10	451.0	1516.5	9.6	0.43601	5.5473E-03	1.17992	4.3534E-03	0.0
10	451.5	1516.9	9.9	0.43603	5.5922E-03	1.17991	4.3402E-03	0.0
10	452.0	1517.1	9.7	0.43601	5.5623E-03	1.17991	4.3402E-03	0.0
0	452.5	1517.6	10.1	0.43598	5.4675E-03	1.17994	4.3633E-03	0.0
0	453.0	1516.9	9.9	0.43596	5.4875E-03	1.17995	4.3765E-03	0.0
	453.5	1517.2	9.6	0.43603	5.6072E-03	1.17999	4.4063E-03	0.0
10	454.0	1517.4	9.9	0.43602	5.5772E-03	1.17999	4.4096E-03	0.0
10	454.5	1516.5	9.8	0.43603	5.5922E-03	1.17999	4.4063E-03	0.0
10	455.0	1516.0	10.0	0.43597	5.4501E-03	1.18004	4.4559E-03	0.0
10	455.5	1515.7	9.9	0.43601	5.5473E-03	1.18001	4.4228E-03	0.0
10	456.0	1516.2	9.7	0.43594	5.3978E-03	1.18001	4.4261E-03	0.0
10	456.5	1515.5	9.7	0.43598	5.4726E-03	1.18001	4.4261E-03	0.0
10	457.0	1514.7	9.8	0.43598	5.4950E-03	1.18005	4.4625E-03	0.0
10	457.5	1514.9	10.0	0.43600	5.5250E-03	1.18009	4.4922E-03	0.0
10	458.0	1514.7	9.5	0.43600	5.5324E-03	1.18013	4.5252E-03	0.0
10	458.5	1514.0	9.6	0.43597	5.4651E-03	1.18011	4.5120E-03	0.0
10	459.0	1514.6	9.7	0.43598	5.4950E-03	1.18015	4.5484E-03	0.0
10	459.5	1513.6	9.7	0.43595	5.4128E-03	1.18013	4.5318E-03	0.0
10	460.0	1512.8	9.7	0.43598	5.4800E-03	1.18013	4.5252E-03	0.0
10	460.5	1512.8	9.8	0.43598	5.4800E-03	1.18018	4.5748E-03	0.0
10	461.0	1512.9	9.2	0.43599	5.5175E-03	1.18014	4.5352E-03	0.0
10	461.5	1512.1	9.8	0.43597	5.4651E-03	1.18016	4.5517E-03	0.0
10	462.0	1511.8	10.0	0.43599	5.5174E-03	1.18021	4.5944E-03	0.0
10	462.5	1512.2	9.7	0.43598	5.4726E-03	1.18016	4.5583E-03	0.0
10	463.0	1510.6	9.9	0.43593	5.3754E-03	1.18023	4.6145E-03	0.0
10	463.5	1509.6	10.2	0.43595	5.4128E-03	1.18024	4.6244E-03	0.0
10	464.0	1510.5	10.1	0.43597	5.4576E-03	1.18023	4.6112E-03	0.0
10	464.5	1510.3	9.9	0.43595	5.4053E-03	1.18027	4.6442E-03	0.0
10	465.0	1509.3	9.7	0.43594	5.3978E-03	1.18026	4.6377E-03	0.0
	465.5	1508.9	10.0	0.43594	5.3978E-03	1.18028	4.6541E-03	0.0
10	466.0	1508.4	9.7	0.43596	5.4277E-03	1.18025	4.6313E-03	0.0
	466.5	1508.2	10.1	0.43594	5.3978E-03	1.18030	4.6772E-03	0.0
10	467.0	1507.5	9.9	0.43596	5.4278E-03	1.18036	4.7236E-03	0.0
10	467.5	1506.5	10.1	0.43596	5.4427E-03	1.18035	4.7169E-03	0.0
10	468.0	1506.3	10.0	0.43596	5.4352E-03	1.18035	4.7136E-03	0.0

10	468.5	1506.3	9.9	0.43593	5.3754E-03	1.18034	4.7468E-03	0.0
10	469.0	1506.1	10.0	0.43596	5.4352E-03	1.18039	4.7467E-03	0.0
10	469.5	1505.5	9.9	0.43591	5.3305E-03	1.18044	4.7566E-03	0.0
10	470.0	1505.3	9.8	0.43593	5.3754E-03	1.18036	4.7236E-03	0.0
10	470.5	1504.5	9.8	0.43594	5.3978E-03	1.18043	4.7865E-03	0.0
10	471.0	1504.2	9.8	0.43596	5.4427E-03	1.18042	4.7765E-03	0.0
10	471.5	1504.4	9.8	0.43597	5.4576E-03	1.18042	4.7732E-03	0.0
10	472.0	1503.4	9.8	0.43594	5.3404E-03	1.18044	4.7963E-03	0.0
10	472.5	1503.3	10.0	0.43597	5.4501E-03	1.18046	4.8128E-03	0.0
10	473.0	1502.7	9.7	0.43591	5.3231E-03	1.18049	4.8327E-03	0.0
10	473.5	1502.2	9.8	0.43592	5.3455E-03	1.18047	4.8195E-03	0.0
10	474.0	1502.3	9.8	0.43593	5.3754E-03	1.18051	4.8525E-03	0.0
10	474.5	1500.0	9.8	0.43595	5.4052E-03	1.18052	4.8624E-03	0.0
10	475.0	1500.2	9.9	0.43594	5.3626E-03	1.18053	4.8724E-03	0.0
10	475.5	1500.7	9.6	0.43593	5.3754E-03	1.18050	4.8459E-03	0.0
10	476.0	1500.2	10.0	0.43597	5.4725E-03	1.18053	4.8657E-03	0.0
10	476.5	1499.5	9.8	0.43594	5.3828E-03	1.18056	4.8922E-03	0.0
10	477.0	1499.7	9.8	0.43596	5.4277E-03	1.18050	4.9318E-03	0.0
10	477.5	1499.1	10.0	0.43597	5.4501E-03	1.18058	4.9086E-03	0.0
10	478.0	1498.1	9.7	0.43594	5.3828E-03	1.18058	4.9133E-03	0.0
10	478.5	1498.7	10.0	0.43594	5.3903E-03	1.18061	4.9351E-03	0.0
10	479.0	1498.0	10.0	0.43595	5.4128E-03	1.18058	4.9153E-03	0.0
10	479.5	1497.3	10.0	0.43593	5.3754E-03	1.18059	4.9218E-03	0.0
10	480.0	1498.0	10.0	0.43591	5.3306E-03	1.18062	4.9418E-03	0.0
10	480.5	1497.6	9.8	0.43590	5.3308E-03	1.18064	4.9615E-03	0.0
10	481.0	1497.8	9.7	0.43595	5.4202E-03	1.18062	4.9418E-03	0.0
10	481.5	1497.6	9.7	0.43595	5.4054E-03	1.18065	4.9715E-03	0.0
10	482.0	1497.9	9.7	0.43597	5.4651E-03	1.18068	4.9947E-03	0.0
10	482.5	1497.2	9.8	0.43597	5.4576E-03	1.18070	5.0111E-03	0.0
10	483.0	1497.4	9.9	0.43595	5.4052E-03	1.18067	4.9913E-03	0.0
10	483.5	1498.0	9.9	0.43594	5.3404E-03	1.18068	5.0012E-03	0.0
10	484.0	1497.3	10.2	0.43591	5.3230E-03	1.18072	5.0309E-03	0.0
10	484.5	1497.8	9.7	0.43596	5.4277E-03	1.18070	5.0111E-03	0.0
10	485.0	1497.7	9.9	0.43596	5.4427E-03	1.18073	5.0376E-03	0.0
10	485.5	1497.9	9.9	0.43595	5.4053E-03	1.18075	5.0542E-03	0.0
10	486.0	1498.0	9.7	0.43592	5.3380E-03	1.18075	5.0608E-03	0.0
10	486.5	1497.8	9.9	0.43595	5.4202E-03	1.18067	4.9914E-03	0.0
10	487.0	1497.8	9.6	0.43593	5.3754E-03	1.18074	5.0476E-03	0.0
10	487.5	1498.9	10.0	0.43591	5.3305E-03	1.18074	5.0441E-03	0.0
10	488.0	1497.8	10.0	0.43597	5.4576E-03	1.18077	5.0772E-03	0.0
10	488.5	1498.3	9.6	0.43594	5.3978E-03	1.18080	5.0971E-03	0.0
10	489.0	1497.7	9.9	0.43594	5.3903E-03	1.18083	5.1235E-03	0.0
10	489.5	1498.6	10.2	0.43593	5.3679E-03	1.18082	5.1170E-03	0.0
10	490.0	1498.4	10.1	0.43593	5.3679E-03	1.18081	5.1103E-03	0.0
10	490.5	1498.7	10.0	0.43591	5.3230E-03	1.18084	5.1302E-03	0.0
10	491.0	1498.9	9.5	0.43593	5.3754E-03	1.18084	5.1335E-03	0.0
10	491.5	1498.9	10.0	0.43593	5.3754E-03	1.18087	5.1566E-03	0.0
10	492.0	1498.9	10.5	0.43595	5.4053E-03	1.18086	5.1500E-03	0.0
10	492.5	1498.7	10.1	0.43594	5.3978E-03	1.18090	5.1831E-03	0.0
10	493.0	1499.0	9.8	0.43597	5.4501E-03	1.18087	5.1566E-03	0.0
10	493.5	1499.1	10.1	0.43595	5.4128E-03	1.18089	5.1732E-03	0.0
10	494.0	1499.2	10.3	0.43594	5.3829E-03	1.18095	5.2261E-03	0.0
10	494.5	1499.1	9.9	0.43590	5.2432E-03	1.18095	5.2260E-03	0.0
10	495.0	1499.0	9.9	0.43596	5.4278E-03	1.18093	5.2062E-03	0.0
10	495.5	1499.8	10.0	0.43591	5.3156E-03	1.18094	5.2194E-03	0.0
10	496.0	1499.7	9.7	0.43595	5.4054E-03	1.18096	5.2393E-03	0.0
10	496.5	1499.3	10.2	0.43593	5.3604E-03	1.18100	5.2723E-03	0.0
10	497.0	1499.4	10.0	0.43594	5.3903E-03	1.18100	5.2723E-03	0.0
10	497.5	1498.7	10.0	0.43594	5.3403E-03	1.18101	5.2789E-03	0.0
10	498.0	1499.6	10.0	0.43595	5.4202E-03	1.18103	5.2987E-03	0.0
10	498.5	1498.6	9.9	0.43594	5.3434E-03	1.18110	5.3549E-03	0.0
10	499.0	1499.4	9.6	0.43593	5.3605E-03	1.18106	5.3219E-03	0.0
10	499.5	1498.5	9.9	0.43598	5.4727E-03	1.18105	5.3119E-03	0.0
10	500.0	1499.0	10.0	0.43593	5.3754E-03	1.18104	5.3019E-03	0.0
10	500.5	1499.1	10.0	0.43594	5.3628E-03	1.18110	5.3517E-03	0.0
10	501.0	1499.4	9.9	0.43591	5.3230E-03	1.18107	5.3318E-03	0.0

10	501.5	1498.2	9.7	0.43594	5.3478E-03	1.18111	5.3649E-03	0.0
10	502.0	1498.5	10.3	0.43596	5.4427E-03	1.18111	5.3648E-03	0.0
10	502.5	1499.0	9.9	0.43594	5.2432E-03	1.18113	5.3813E-03	0.0
10	503.0	1499.0	9.9	0.43594	5.3403E-03	1.18117	5.4145E-03	0.0
10	503.5	1499.2	10.0	0.43596	5.4427E-03	1.18118	5.4210E-03	0.0
10	504.0	1499.6	9.7	0.43595	5.4053E-03	1.18116	5.4046E-03	0.0
10	504.5	1499.3	10.0	0.43594	5.3828E-03	1.18119	5.4343E-03	0.0
10	505.0	1499.0	9.3	0.43594	5.3403E-03	1.18118	5.4211E-03	0.0
10	505.5	1499.9	9.9	0.43592	5.3529E-03	1.18119	5.4343E-03	0.0
9	506.0	1499.6	9.8	0.43591	5.3230E-03	1.18122	5.4575E-03	0.0
	506.5	1497.9	9.0	0.43594	5.3478E-03	1.18122	5.4607E-03	0.0
10	507.0	1498.1	12.3	0.43596	5.4426E-03	1.18126	5.4937E-03	0.0
10	507.5	1499.2	14.0	0.43593	5.3604E-03	1.18129	5.5202E-03	0.0
10	508.0	1499.2	17.0	0.43590	5.3081E-03	1.18140	5.6095E-03	0.0
10	508.5	1499.5	19.7	0.43589	5.2857E-03	1.18146	5.6591E-03	0.0
10	509.0	1499.9	22.8	0.43586	5.2035E-03	1.18153	5.7219E-03	0.0
10	509.5	1499.9	24.4	0.43588	5.2557E-03	1.18160	5.7814E-03	0.0
10	510.0	1499.6	27.3	0.43583	5.1436E-03	1.18171	5.8739E-03	0.0
10	510.5	1499.6	29.3	0.43577	4.9941E-03	1.18187	6.0128E-03	0.0
10	511.0	1499.9	31.9	0.43575	4.9492E-03	1.18194	6.0690E-03	0.0
10	511.5	1499.2	34.7	0.43574	4.9268E-03	1.18204	6.1516E-03	0.0
10	512.0	1499.1	37.0	0.43571	4.8670E-03	1.18214	6.2408E-03	0.0
10	512.5	1499.9	39.4	0.43569	4.8071E-03	1.18228	6.3565E-03	0.0
10	513.0	1499.4	42.1	0.43565	4.7250E-03	1.18244	6.4950E-03	0.0
10	513.5	1499.7	44.6	0.43560	4.6129E-03	1.18260	6.6275E-03	0.0
10	514.0	1499.4	47.2	0.43559	4.5404E-03	1.18274	6.7465E-03	0.0
10	514.5	1499.6	49.4	0.43555	4.4858E-03	1.18291	6.8920E-03	0.0
10	515.0	1499.0	52.1	0.43561	4.6278E-03	1.18310	7.0540E-03	0.0
10	515.5	1499.0	54.4	0.43564	4.7025E-03	1.18331	7.2391E-03	0.0
10	516.0	1500.2	57.0	0.43563	4.6726E-03	1.18352	7.4142E-03	0.0
10	516.5	1499.7	59.7	0.43560	4.6054E-03	1.18380	7.6555E-03	0.0
10	517.0	1499.9	62.0	0.43562	4.6502E-03	1.18413	7.9333E-03	0.0
10	517.5	1499.7	64.5	0.43554	4.4708E-03	1.18437	8.1382E-03	0.0
10	518.0	1499.9	67.3	0.43552	4.4185E-03	1.18474	8.4555E-03	0.0
0	518.5	1499.5	69.5	0.43548	4.3363E-03	1.18505	8.7133E-03	0.0
9	519.0	1499.3	72.1	0.43549	4.3437E-03	1.18546	9.0638E-03	0.0
	519.5	1499.1	74.3	0.43526	3.8203E-03	1.18592	9.4537E-03	0.0
10	520.0	1499.0	77.1	0.43513	3.5139E-03	1.18637	9.8405E-03	0.0
10	520.5	1499.6	79.7	0.43498	3.1774E-03	1.18688	1.0274E-02	0.0
10	521.0	1499.9	81.8	0.43492	3.0279E-03	1.18745	1.0756E-02	0.0
10	521.5	1500.2	84.0	0.43480	2.7737E-03	1.18807	1.1285E-02	0.0
10	522.0	1499.5	86.9	0.43465	2.4223E-03	1.18875	1.1870E-02	0.0
10	522.5	1500.2	89.0	0.43449	2.0411E-03	1.18953	1.2528E-02	0.0
10	523.0	1499.6	91.5	0.43443	1.9139E-03	1.19042	1.3285E-02	0.0
10	523.5	1499.4	94.2	0.43426	1.5252E-03	1.19136	1.4088E-02	0.0
10	524.0	1500.3	96.7	0.43408	1.0915E-03	1.19237	1.4948E-02	0.0
10	524.5	1500.0	99.1	0.43389	6.6546E-04	1.19352	1.5929E-02	0.0
10	525.0	1500.4	101.2	0.43381	4.7859E-04	1.19478	1.6997E-02	0.0
10	525.5	1499.5	103.9	0.43361	1.4491E-05	1.19618	1.8194E-02	0.0
10	526.0	1499.2	106.1	0.43330	-6.8777E-04	1.19771	1.9493E-02	0.0
10	526.5	1499.7	108.8	0.43311	-1.1438E-03	1.19951	2.1026E-02	0.0
10	527.0	1499.4	111.0	0.43265	-2.2054E-03	1.20138	2.2616E-02	0.0
10	527.5	1499.9	113.7	0.43246	-2.6240E-03	1.20356	2.4471E-02	0.0
10	528.0	1499.6	115.8	0.43200	-3.7007E-03	1.20590	2.6461E-02	0.0
10	528.5	1499.4	117.4	0.43150	-4.8370E-03	1.20854	2.8715E-02	0.0
10	529.0	1499.7	120.5	0.43098	-6.0482E-03	1.21153	3.1257E-02	0.0
10	529.5	1500.2	122.7	0.43050	-7.1546E-03	1.21501	3.4222E-02	0.0
10	530.0	1500.1	124.6	0.42986	-8.6549E-03	1.21873	3.7385E-02	0.0
10	530.5	1499.3	127.3	0.42918	-1.0205E-02	1.22279	4.0840E-02	0.0
10	531.0	1501.1	129.1	0.42840	-1.1492E-02	1.22732	4.4700E-02	0.0
	531.5	1502.5	131.6	0.42757	-1.3413E-02	1.23234	4.8968E-02	0.0
9	532.0	1502.5	133.9	0.42669	-1.5439E-02	9.99900	-9.9990E+03	0.0
	532.5	1501.2	136.2	0.42555	-1.8563E-02	9.99900	-9.9990E+03	0.0
10	533.0	1501.0	137.0	0.42433	-2.1382E-02	9.99900	-9.9990E+03	0.0
10	533.5	1487.6	134.0	0.42314	-2.4118E-02	9.99900	-9.9990E+03	0.0
10	534.0	1425.0	141.4	0.42168	-2.7490E-02	9.99900	-9.9990E+03	0.0

10	530.5	1273.4	02.4	0.42032	-3.0174E-02	-9.99900	-9.9990E+03	0.0
10	535.0	1384.1	9.0	0.42065	-2.9867E-02	-9.99900	-9.9990E+03	0.0
10	535.5	1397.5	8.9	0.42059	-3.0009E-02	-9.99900	-9.9990E+03	0.0
10	536.0	1404.4	9.0	0.42056	-3.0076E-02	-9.99900	-9.9990E+03	0.0
10	536.5	1370.6	8.8	0.42052	-3.0174E-02	-9.99900	-9.9990E+03	0.0
10	537.0	1336.1	8.8	0.42047	-3.0286E-02	-9.99900	-9.9990E+03	0.0
10	537.5	1258.6	8.5	0.42043	-3.0368E-02	-9.99900	-9.9990E+03	0.0
10	538.0	1258.1	8.4	0.42037	-3.0510E-02	-9.99900	-9.9990E+03	0.0
10	538.5	1261.3	8.6	0.42035	-3.0555E-02	-9.99900	-9.9990E+03	0.0
10	539.0	1204.9	8.4	0.42033	-3.0615E-02	-9.99900	-9.9990E+03	0.0
10	539.5	1140.6	8.7	0.42030	-3.0689E-02	-9.99900	-9.9990E+03	0.0
10	540.0	1121.4	8.8	0.42025	-3.0802E-02	-9.99900	-9.9990E+03	0.0
10	540.5	1087.5	8.4	0.42021	-3.0876E-02	-9.99900	-9.9990E+03	0.0
10	541.0	1120.2	8.6	0.42019	-3.0936E-02	-9.99900	-9.9990E+03	0.0
10	541.5	1114.5	8.7	0.42015	-3.1016E-02	-9.99900	-9.9990E+03	0.0
10	542.0	1130.7	8.9	0.42010	-3.1138E-02	-9.99900	-9.9990E+03	0.0
10	542.5	1110.9	8.7	0.42007	-3.1213E-02	-9.99900	-9.9990E+03	0.0
10	543.0	1081.1	8.4	0.42006	-3.1243E-02	-9.99900	-9.9990E+03	0.0

TEST =10,ISTART= 1 ISTOP=1087

142	57.0	589.6	20.4	0.43408	0.1526E-02	1.21307	0.1134E-02	7.0
142	57.5	590.4	19.5	0.43411	0.1601E-02	1.21310	0.1154E-02	7.9
42	58.0	591.9	19.7	0.43410	0.1578E-02	1.21313	0.1179E-02	5.7
42	58.5	592.4	19.9	0.43411	0.1601E-02	1.21303	0.1096E-02	5.8
142	59.0	593.3	19.6	0.43412	0.1608E-02	1.21306	0.1122E-02	7.4
142	59.5	593.6	19.7	0.43411	0.1593E-02	1.21310	0.1160E-02	6.3
142	60.0	599.2	17.7	0.43417	0.1726E-02	1.21315	0.1198E-02	12.2
142	60.5	652.3	11.8	0.43432	0.2064E-02	1.21358	0.1551E-02	4.9
142	61.0	742.2	11.1	0.43452	0.2528E-02	1.21393	0.1839E-02	0.0
142	61.5	842.0	12.6	0.43474	0.3037E-02	1.21434	0.2179E-02	0.0
142	62.0	941.5	14.1	0.43491	0.3440E-02	1.21465	0.2439E-02	7.3
142	62.5	1027.5	19.1	0.43505	0.3762E-02	1.21493	0.2670E-02	10.5
142	63.0	1064.4	18.8	0.43506	0.3777E-02	1.21495	0.2682E-02	8.3
142	63.5	1074.3	20.1	0.43504	0.3740E-02	1.21490	0.2647E-02	6.3
142	64.0	1075.3	19.7	0.43503	0.3717E-02	1.21494	0.2674E-02	6.2
142	64.5	1075.6	20.5	0.43505	0.3755E-02	1.21485	0.2605E-02	7.3
142	65.0	1073.4	19.1	0.43499	0.3627E-02	1.21484	0.2596E-02	5.7
142	65.5	1071.4	19.6	0.43502	0.3695E-02	1.21488	0.2428E-02	6.6
142	66.0	1068.6	19.1	0.43501	0.3672E-02	1.21489	0.2634E-02	5.1
142	66.5	1067.6	20.0	0.43503	0.3717E-02	1.21488	0.2628E-02	4.9
142	67.0	1064.8	19.7	0.43501	0.3657E-02	1.21485	0.2602E-02	8.3
142	67.5	1062.9	20.6	0.43498	0.3590E-02	1.21485	0.2599E-02	5.2
142	68.0	1061.4	20.2	0.43497	0.3583E-02	1.21485	0.2599E-02	4.3
142	68.5	1058.8	19.9	0.43497	0.3575E-02	1.21481	0.2567E-02	4.9
142	69.0	1056.8	20.3	0.43500	0.3642E-02	1.21479	0.2548E-02	5.4
142	69.5	1055.1	20.6	0.43501	0.3657E-02	1.21482	0.2573E-02	6.2
142	70.0	1054.1	20.8	0.43498	0.3605E-02	1.21484	0.2593E-02	5.2
142	70.5	1051.2	20.4	0.43499	0.3612E-02	1.21481	0.2570E-02	7.6
42	71.0	1051.2	20.4	0.43499	0.3627E-02	1.21475	0.2516E-02	5.8
142	71.5	1049.1	19.7	0.43495	0.3523E-02	1.21476	0.2528E-02	6.2
142	72.0	1047.2	19.3	0.43496	0.3580E-02	1.21477	0.2535E-02	7.1
142	72.5	1046.4	19.6	0.43495	0.3536E-02	1.21479	0.2551E-02	7.3
142	73.0	1046.9	20.8	0.43496	0.3545E-02	1.21483	0.2583E-02	5.2
142	73.5	1044.1	19.6	0.43495	0.3530E-02	1.21482	0.2573E-02	7.3
142	74.0	1044.6	19.8	0.43495	0.3538E-02	1.21472	0.2493E-02	4.9
142	74.5	1043.7	20.0	0.43495	0.3536E-02	1.21484	0.2593E-02	7.3
142	75.0	1042.9	20.2	0.43495	0.3530E-02	1.21477	0.2535E-02	8.2
142	75.5	1040.8	19.2	0.43493	0.3493E-02	1.21474	0.2513E-02	7.7
142	76.0	1040.7	19.7	0.43492	0.3470E-02	1.21473	0.2506E-02	6.2
142	76.5	1039.5	19.3	0.43493	0.3493E-02	1.21478	0.2545E-02	7.1
142	77.0	1040.1	20.7	0.43494	0.3500E-02	1.21478	0.2548E-02	6.2
142	77.5	1037.6	18.9	0.43495	0.3538E-02	1.21475	0.2519E-02	7.6
142	78.0	1038.1	19.8	0.43495	0.3523E-02	1.21477	0.2535E-02	9.3
142	78.5	1036.9	19.5	0.43494	0.3500E-02	1.21475	0.2516E-02	8.1
142	79.0	1037.1	20.3	0.43493	0.3485E-02	1.21470	0.2481E-02	5.4
142	79.5	1036.8	20.6	0.43494	0.3504E-02	1.21476	0.2529E-02	6.5
142	80.0	1034.1	20.5	0.43495	0.3523E-02	1.21473	0.2506E-02	7.0
142	80.5	1035.2	19.9	0.43491	0.3433E-02	1.21474	0.2513E-02	7.6
142	81.0	1034.1	19.9	0.43492	0.3470E-02	1.21473	0.2500E-02	4.3
142	81.5	1033.3	19.3	0.43495	0.3530E-02	1.21477	0.2535E-02	6.3
142	82.0	1034.3	20.6	0.43492	0.3463E-02	1.21473	0.2503E-02	6.7
142	82.5	1033.3	20.4	0.43494	0.3500E-02	1.21470	0.2441E-02	6.3
142	83.0	1031.3	19.8	0.43490	0.3418E-02	1.21472	0.2493E-02	7.1
142	83.5	1031.6	19.3	0.43492	0.3474E-02	1.21475	0.2519E-02	8.7
42	84.0	1031.5	20.1	0.43497	0.3583E-02	1.21470	0.2474E-02	7.6
142	84.5	1031.3	19.4	0.43494	0.3500E-02	1.21470	0.2481E-02	6.3
142	85.0	1031.2	20.5	0.43492	0.3448E-02	1.21477	0.2538E-02	6.0
142	85.5	1030.9	20.1	0.43490	0.3411E-02	1.21474	0.2509E-02	9.0
142	86.0	1029.7	19.8	0.43491	0.3433E-02	1.21464	0.2432E-02	7.7
142	86.5	1029.0	19.5	0.43492	0.3448E-02	1.21464	0.2429E-02	5.9

142	87.0	1029.6	20.3	0.43492	0.3470E-02	1.21471	0.2490E-02	5.6
142	87.5	1028.6	19.7	0.43493	0.3493E-02	1.21466	0.2445E-02	5.5
142	88.0	1028.6	19.5	0.43492	0.3445E-02	1.21469	0.2471E-02	6.5
42	88.5	1027.5	20.1	0.43491	0.3433E-02	1.21462	0.2410E-02	6.5
142	89.0	1027.9	20.4	0.43492	0.3463E-02	1.21466	0.2442E-02	5.6
142	89.5	1027.2	19.3	0.43491	0.3440E-02	1.21465	0.2439E-02	6.8
142	90.0	1026.4	19.8	0.43493	0.3476E-02	1.21469	0.2468E-02	8.2
142	90.5	1026.2	19.9	0.43492	0.3448E-02	1.21468	0.2458E-02	7.3
142	91.0	1026.2	20.5	0.43490	0.3411E-02	1.21469	0.2471E-02	3.7
142	91.5	1026.0	19.9	0.43492	0.3455E-02	1.21464	0.2432E-02	5.9
142	92.0	1024.7	19.5	0.43494	0.3508E-02	1.21465	0.2436E-02	8.1
142	92.5	1025.1	20.6	0.43491	0.3425E-02	1.21464	0.2426E-02	3.9
142	93.0	1024.2	20.4	0.43485	0.3291E-02	1.21460	0.2397E-02	5.7
142	93.5	1024.3	20.3	0.43490	0.3411E-02	1.21462	0.2410E-02	5.7
142	94.0	1023.2	19.6	0.43490	0.3411E-02	1.21455	0.2355E-02	7.3
142	94.5	1023.3	20.1	0.43491	0.3433E-02	1.21464	0.2432E-02	5.4
142	95.0	1022.4	19.5	0.43490	0.3418E-02	1.21468	0.2461E-02	5.5
142	95.5	1022.5	19.3	0.43490	0.3411E-02	1.21464	0.2424E-02	7.3
142	96.0	1021.7	20.4	0.43491	0.3425E-02	1.21464	0.2424E-02	5.8
142	96.5	1021.6	19.9	0.43487	0.3351E-02	1.21460	0.2394E-02	5.5
142	97.0	1020.6	19.9	0.43487	0.3351E-02	1.21463	0.2416E-02	7.0
142	97.5	1020.7	19.6	0.43489	0.3384E-02	1.21459	0.2391E-02	7.1
142	98.0	1020.8	20.0	0.43488	0.3366E-02	1.21462	0.2413E-02	7.3
142	98.5	1020.4	19.7	0.43487	0.3343E-02	1.21464	0.2429E-02	6.7
142	99.0	1019.1	19.6	0.43488	0.3342E-02	1.21464	0.2426E-02	7.6
142	99.5	1018.8	19.8	0.43490	0.3416E-02	1.21465	0.2439E-02	7.0
142	100.0	1018.4	19.7	0.43487	0.3351E-02	1.21465	0.2439E-02	7.7
142	100.5	1017.6	19.4	0.43489	0.3381E-02	1.21465	0.2439E-02	7.6
142	101.0	1017.6	19.7	0.43489	0.3388E-02	1.21462	0.2413E-02	6.8
42	101.5	1016.0	19.0	0.43486	0.3313E-02	1.21464	0.2432E-02	5.2
142	102.0	1016.3	19.8	0.43488	0.3366E-02	1.21462	0.2410E-02	6.8
142	102.5	1016.7	20.3	0.43487	0.3343E-02	1.21466	0.2448E-02	6.6
142	103.0	1016.1	20.7	0.43486	0.3313E-02	1.21469	0.2471E-02	6.3
142	103.5	1015.9	20.3	0.43486	0.3373E-02	1.21461	0.2400E-02	6.0
142	104.0	1015.0	19.7	0.43485	0.3291E-02	1.21467	0.2452E-02	6.4
142	104.5	1015.2	20.2	0.43486	0.3313E-02	1.21462	0.2413E-02	7.6
142	105.0	1014.0	19.6	0.43487	0.3351E-02	1.21465	0.2439E-02	8.2
142	105.5	1014.0	19.8	0.43485	0.3296E-02	1.21457	0.2375E-02	7.3
142	106.0	1013.5	19.1	0.43485	0.3291E-02	1.21458	0.2381E-02	8.7
142	106.5	1013.0	20.5	0.43486	0.3321E-02	1.21466	0.2448E-02	7.6
142	107.0	1013.1	19.7	0.43487	0.3343E-02	1.21461	0.2407E-02	7.6
142	107.5	1012.2	19.5	0.43485	0.3306E-02	1.21464	0.2426E-02	8.4
142	108.0	1011.7	20.2	0.43485	0.3308E-02	1.21461	0.2407E-02	6.4
142	108.5	1011.4	19.7	0.43486	0.3313E-02	1.21464	0.2426E-02	6.7
142	109.0	1011.0	19.8	0.43482	0.3239E-02	1.21461	0.2407E-02	8.5
142	109.5	1011.0	19.9	0.43484	0.3275E-02	1.21466	0.2445E-02	7.9
142	110.0	1010.7	19.6	0.43481	0.3209E-02	1.21461	0.2400E-02	7.8
142	110.5	1010.0	19.5	0.43484	0.3268E-02	1.21461	0.2407E-02	7.0
142	111.0	1009.5	20.1	0.43481	0.3216E-02	1.21461	0.2400E-02	7.9
142	111.5	1008.9	19.7	0.43482	0.3238E-02	1.21461	0.2407E-02	7.1
142	112.0	1009.3	20.0	0.43486	0.3321E-02	1.21463	0.2416E-02	9.2
142	112.5	1008.5	19.6	0.43483	0.3261E-02	1.21459	0.2388E-02	7.9
142	113.0	1008.3	20.3	0.43487	0.3351E-02	1.21461	0.2404E-02	8.9
142	113.5	1008.2	20.3	0.43481	0.3201E-02	1.21461	0.2407E-02	4.9
142	114.0	1007.5	20.1	0.43481	0.3209E-02	1.21468	0.2456E-02	6.1
42	114.5	1007.0	20.0	0.43485	0.3291E-02	1.21461	0.2400E-02	6.3
142	115.0	1006.1	19.1	0.43482	0.3239E-02	1.21455	0.2354E-02	6.3
142	115.5	1006.7	19.6	0.43484	0.3276E-02	1.21464	0.2432E-02	8.3
142	116.0	1006.1	19.7	0.43483	0.3246E-02	1.21461	0.2404E-02	6.6
142	116.5	1005.6	20.2	0.43482	0.3238E-02	1.21464	0.2426E-02	7.1

142	117.0	1005.3	19.3	0.43443	0.3253E-02	1.21459	0.2384E-02	9.0
142	117.5	1004.7	19.5	0.43443	0.3241E-02	1.21462	0.2410E-02	5.4
142	118.0	1004.8	19.9	0.43445	0.3298E-02	1.21460	0.2394E-02	7.1
142	118.5	1003.3	19.3	0.43440	0.3179E-02	1.21461	0.2404E-02	8.1
42	119.0	1004.1	19.7	0.43440	0.3146E-02	1.21460	0.2394E-02	8.5
142	119.5	1003.6	20.2	0.43440	0.3194E-02	1.21463	0.2423E-02	7.1
142	120.0	1003.0	19.9	0.43444	0.3266E-02	1.21459	0.2368E-02	5.4
142	120.5	1002.5	19.8	0.43444	0.3283E-02	1.21461	0.2407E-02	7.3
142	121.0	1002.2	20.0	0.43442	0.3224E-02	1.21457	0.2371E-02	6.6
142	121.5	1001.7	19.3	0.43443	0.3254E-02	1.21461	0.2404E-02	5.8
142	122.0	1001.3	23.3	0.43440	0.3194E-02	1.21455	0.2355E-02	7.0
142	122.5	1001.4	29.9	0.43477	0.3104E-02	1.21463	0.2416E-02	5.5
142	123.0	1001.0	35.1	0.43472	0.2992E-02	1.21468	0.2461E-02	7.6
142	123.5	1000.3	39.2	0.43473	0.3022E-02	1.21468	0.2458E-02	5.4
142	124.0	999.9	44.9	0.43474	0.3052E-02	1.21470	0.2480E-02	5.8
142	124.5	999.5	50.0	0.43474	0.3037E-02	1.21478	0.2544E-02	5.2
142	125.0	999.1	55.5	0.43474	0.3044E-02	1.21479	0.2551E-02	6.0
142	125.5	999.5	60.5	0.43476	0.3096E-02	1.21476	0.2525E-02	6.6
142	126.0	999.1	65.4	0.43476	0.3081E-02	1.21486	0.2612E-02	7.9
142	126.5	998.0	70.3	0.43475	0.3066E-02	1.21490	0.2644E-02	8.4
142	127.0	998.0	75.1	0.43474	0.3052E-02	1.21486	0.2609E-02	7.3
142	127.5	997.8	81.3	0.43474	0.3044E-02	1.21496	0.2689E-02	7.8
142	128.0	997.4	85.0	0.43474	0.3052E-02	1.21498	0.2708E-02	7.3
142	128.5	999.0	91.8	0.43476	0.3092E-02	1.21504	0.2756E-02	6.3
142	129.0	997.2	96.8	0.43476	0.3089E-02	1.21510	0.2807E-02	7.3
142	129.5	997.5	100.6	0.43471	0.2994E-02	1.21510	0.2811E-02	8.1
142	130.0	997.4	105.9	0.43471	0.2977E-02	1.21513	0.2836E-02	7.9
142	130.5	996.7	110.4	0.43474	0.3037E-02	1.21515	0.2849E-02	6.8
142	131.0	997.3	115.9	0.43471	0.2977E-02	1.21518	0.2975E-02	7.3
142	131.5	996.8	121.4	0.43471	0.2977E-02	1.21519	0.2881E-02	6.6
42	132.0	997.6	127.4	0.43471	0.2964E-02	1.21523	0.2920E-02	4.5
142	132.5	997.6	131.6	0.43471	0.2969E-02	1.21533	0.3000E-02	6.3
142	133.0	997.2	137.7	0.43468	0.2902E-02	1.21534	0.3003E-02	5.7
142	133.5	997.1	141.3	0.43468	0.2895E-02	1.21534	0.3048E-02	5.2
142	134.0	997.5	147.2	0.43467	0.2887E-02	1.21542	0.3070E-02	7.0
142	134.5	997.7	152.0	0.43463	0.2790E-02	1.21544	0.3086E-02	7.6
142	135.0	997.5	157.3	0.43468	0.2894E-02	1.21551	0.3150E-02	6.0
142	135.5	998.2	162.7	0.43466	0.2865E-02	1.21553	0.3166E-02	6.6
142	136.0	998.7	168.4	0.43465	0.2835E-02	1.21555	0.3182E-02	7.3
142	136.5	998.4	173.4	0.43466	0.2850E-02	1.21562	0.3237E-02	6.4
142	137.0	998.0	177.6	0.43463	0.2790E-02	1.21561	0.3227E-02	6.4
142	137.5	998.3	183.8	0.43462	0.2740E-02	1.21567	0.3275E-02	6.6
142	138.0	999.1	189.5	0.43462	0.2775E-02	1.21574	0.3336E-02	7.3
142	138.5	998.8	193.1	0.43461	0.2737E-02	1.21577	0.3365E-02	7.1
142	139.0	999.3	199.1	0.43463	0.2782E-02	1.21574	0.3339E-02	7.9
142	139.5	999.0	203.7	0.43459	0.2693E-02	1.21581	0.3394E-02	5.2
142	140.0	999.7	208.4	0.43459	0.2693E-02	1.21588	0.3452E-02	5.1
142	140.5	1000.2	213.9	0.43460	0.2715E-02	1.21585	0.3429E-02	5.6
142	141.0	999.2	218.9	0.43456	0.2633E-02	1.21599	0.3544E-02	7.3
142	141.5	1000.3	224.2	0.43457	0.2663E-02	1.21596	0.3522E-02	7.6
142	142.0	999.6	229.9	0.43458	0.2645E-02	1.21607	0.3609E-02	6.8
142	142.5	1000.9	235.0	0.43457	0.2648E-02	1.21607	0.3612E-02	7.6
142	143.0	1001.0	239.4	0.43455	0.2610E-02	1.21612	0.3650E-02	5.6
142	143.5	1000.8	244.7	0.43454	0.2586E-02	1.21614	0.3669E-02	9.5
142	144.0	1001.0	249.4	0.43451	0.2513E-02	1.21619	0.3702E-02	5.4
142	144.5	1001.1	255.1	0.43453	0.2554E-02	1.21624	0.3753E-02	6.8
42	145.0	1000.5	259.6	0.43450	0.2494E-02	1.21633	0.3823E-02	8.4
142	145.5	1001.1	264.7	0.43450	0.2483E-02	1.21641	0.3891E-02	7.6
142	146.0	1001.1	270.6	0.43450	0.2494E-02	1.21644	0.3916E-02	4.6
142	146.5	1001.8	275.5	0.43451	0.2506E-02	1.21646	0.3929E-02	6.6

142	147.0	1001.5	281.3	0.43451	0.2513E-02	1.21662	0.4060E-02	5.2
142	147.5	1001.8	286.4	0.43450	0.2443E-02	1.21665	0.4089E-02	6.0
142	148.0	1001.5	291.0	0.43447	0.2431E-02	1.21674	0.4160E-02	5.7
42	148.5	1002.4	296.9	0.43446	0.2401E-02	1.21683	0.4240E-02	6.0
142	149.0	1001.7	301.1	0.43444	0.2363E-02	1.21688	0.4278E-02	7.0
142	149.5	1001.9	304.0	0.43443	0.2326E-02	1.21694	0.4326E-02	7.3
142	150.0	1001.9	311.4	0.43434	0.2229E-02	1.21706	0.4426E-02	6.1
142	150.5	1001.8	316.3	0.43436	0.2169E-02	1.21716	0.4506E-02	7.6
142	151.0	1002.1	320.9	0.43433	0.2047E-02	1.21727	0.4599E-02	7.3
142	151.5	1002.2	326.6	0.43428	0.1989E-02	1.21741	0.4718E-02	6.8
142	152.0	1002.5	332.0	0.43427	0.1960E-02	1.21748	0.4775E-02	5.2
142	152.5	1002.4	336.8	0.43423	0.1870E-02	1.21762	0.4884E-02	8.3
142	153.0	1002.0	341.3	0.43422	0.1855E-02	1.21777	0.5016E-02	8.7
142	153.5	1001.8	347.4	0.43419	0.1773E-02	1.21793	0.5147E-02	7.1
142	154.0	1001.8	352.5	0.43416	0.1705E-02	1.21800	0.5198E-02	6.5
142	154.5	1002.0	357.2	0.43412	0.1616E-02	1.21827	0.5423E-02	5.4
142	155.0	1001.8	363.3	0.43410	0.1578E-02	1.21845	0.5576E-02	7.7
142	155.5	1001.6	367.0	0.43408	0.1516E-02	1.21862	0.5714E-02	6.1
142	156.0	1002.4	373.5	0.43404	0.1429E-02	1.21889	0.5932E-02	6.3
142	156.5	1001.4	377.3	0.43397	0.1272E-02	1.21908	0.6096E-02	7.8
142	157.0	1000.9	382.9	0.43388	0.1062E-02	1.21942	0.6371E-02	7.3
142	157.5	1000.7	387.9	0.43381	0.9050E-03	1.21965	0.6560E-02	7.1
142	158.0	1001.5	394.0	0.43375	0.7529E-03	1.22000	0.6852E-02	5.2
142	158.5	1000.9	399.3	0.43363	0.4797E-03	1.22038	0.7169E-02	5.9
142	159.0	1000.6	404.0	0.43353	0.2469E-03	1.22087	0.7567E-02	6.7
142	159.5	1000.7	409.0	0.43340	-0.3746E-04	1.22132	0.7938E-02	6.1
142	160.0	1000.0	413.7	0.43327	-0.3590E-03	1.22192	0.8435E-02	7.1
142	160.5	1000.2	419.3	0.43310	-0.7404E-03	1.22258	0.8980E-02	6.1
142	161.0	1000.5	424.6	0.43298	-0.1017E-02	1.22322	0.9512E-02	6.7
42	161.5	1000.2	428.6	0.43276	-0.1473E-02	1.22408	0.1022E-01	7.1
142	162.0	999.4	433.6	0.43264	-0.1795E-02	1.22487	0.1087E-01	6.2
142	162.5	999.0	439.2	0.43242	-0.2303E-02	1.22579	0.1163E-01	7.6
142	163.0	999.9	443.7	0.43217	-0.2887E-02	1.22679	0.1246E-01	10.1
142	163.5	999.1	449.4	0.43194	-0.3410E-02	1.22783	0.1332E-01	8.2
142	164.0	999.2	454.8	0.43175	-0.3844E-02	1.22895	0.1424E-01	6.5
142	164.5	999.2	460.4	0.43142	-0.4622E-02	1.23007	0.1516E-01	5.8
142	165.0	999.5	463.2	0.43112	-0.5310E-02	1.23123	0.1612E-01	4.9
142	165.5	999.4	470.1	0.43081	-0.6013E-02	1.23253	0.1719E-01	7.6
142	166.0	999.5	475.4	0.43047	-0.6799E-02	1.23386	0.1829E-01	6.1
142	166.5	999.9	480.6	0.43019	-0.7444E-02	1.23511	0.1932E-01	6.7
142	167.0	999.2	484.9	0.42985	-0.8250E-02	1.23648	0.2046E-01	7.1
142	167.5	998.4	490.3	0.42944	-0.9087E-02	1.23788	0.2161E-01	8.1
142	168.0	999.2	495.7	0.42911	-0.9940E-02	1.23955	0.2299E-01	6.3
142	168.5	999.1	500.2	0.42874	-0.1079E-01	1.24108	0.2425E-01	7.6
142	169.0	998.4	505.4	0.42835	-0.1170E-01	1.24277	0.2565E-01	6.5
142	169.5	998.7	510.6	0.42795	-0.1262E-01	1.24452	0.2709E-01	6.8
142	170.0	998.7	515.9	0.42750	-0.1345E-01	1.24634	0.2859E-01	7.9
142	170.5	999.4	520.6	0.42699	-0.1443E-01	1.24823	0.3015E-01	4.9
142	171.0	998.7	525.4	0.42655	-0.1544E-01	1.25028	0.3184E-01	6.7
142	171.5	999.5	530.9	0.42603	-0.1705E-01	1.25239	0.3359E-01	6.9
142	172.0	999.0	535.4	0.42551	-0.1826E-01	1.25466	0.3546E-01	8.1
142	172.5	998.9	541.4	0.42495	-0.1954E-01	1.25707	0.3745E-01	6.1
142	173.0	999.2	546.4	0.42440	-0.2082E-01	1.25955	0.3949E-01	6.2
142	173.5	1000.1	551.6	0.42376	-0.2230E-01	1.26230	0.4176E-01	6.3
142	174.0	999.4	556.6	0.42310	-0.2382E-01	1.26511	0.4406E-01	7.5
42	174.5	999.9	562.1	0.42244	-0.2533E-01	1.26824	0.4666E-01	5.2
142	175.0	999.4	566.3	0.42149	-0.2708E-01	1.27152	0.4937E-01	7.9
142	175.5	1000.3	571.2	0.42044	-0.2880E-01	1.27479	0.5207E-01	6.2
142	176.0	1000.1	576.4	0.42013	-0.3067E-01	1.27846	0.5510E-01	5.7
142	176.5	1000.2	581.9	0.41930	-0.3257E-01	1.27743	0.5456E-01	5.9

142	177.0	1000.5	586.3	0.41834	-.3480E-01-9.99900	-.9999E+04	7.6
142	177.5	1000.6	591.7	0.41743	-.3689E-01-9.99900	-.9999E+04	6.7
142	178.0	1001.1	596.2	0.41637	-.3934E-01-9.99900	-.9999E+04	8.7
142	178.5	1001.5	601.9	0.41535	-.4170E-01-9.99900	-.9999E+04	7.3
42	179.0	1001.0	606.4	0.41418	-.4439E-01-9.99900	-.9999E+04	7.1
142	179.5	1001.6	611.4	0.41301	-.4709E-01-9.99900	-.9999E+04	6.5
142	180.0	1001.0	616.0	0.41170	-.5012E-01-9.99900	-.9999E+04	5.9
142	180.5	1001.7	620.5	0.41033	-.5327E-01-9.99900	-.9999E+04	8.1
142	181.0	1002.2	626.2	0.40891	-.5654E-01-9.99900	-.9999E+04	6.5
142	181.5	1002.3	631.8	0.40734	-.6016E-01-9.99900	-.9999E+04	4.9
142	182.0	1002.4	634.9	0.40570	-.6396E-01-9.99900	-.9999E+04	6.7
142	182.5	1003.2	640.3	0.40346	-.6821E-01-9.99900	-.9999E+04	5.4

143	93.0	994.7	20.1	0.43506	3.7019E-03	1.19333	2.9407E-03	1.0
143	93.5	994.4	19.7	0.43507	3.7168E-03	1.19335	2.9636E-03	1.4
143	94.0	994.4	20.4	0.43511	3.7491E-03	1.19330	2.9211E-03	1.0
143	94.5	993.8	19.3	0.43509	3.7617E-03	1.19328	2.9016E-03	1.2
143	95.0	994.2	20.1	0.43509	3.7617E-03	1.19331	2.9244E-03	1.0
143	95.5	994.5	19.6	0.43507	3.7169E-03	1.19328	2.9048E-03	0.8
143	96.0	993.8	19.8	0.43507	3.7169E-03	1.19331	2.9277E-03	1.1
143	96.5	994.1	19.6	0.43508	3.7318E-03	1.19332	2.9374E-03	1.0
143	97.0	994.0	21.3	0.43508	3.7318E-03	1.19326	2.8852E-03	1.0
143	97.5	994.5	21.0	0.43508	3.7393E-03	1.19333	2.9472E-03	1.3
143	98.0	994.2	28.2	0.43505	3.6646E-03	1.19332	2.9341E-03	1.0
143	98.5	994.3	32.2	0.43507	3.7169E-03	1.19339	2.9494E-03	0.8
143	99.0	994.4	37.7	0.43505	3.6646E-03	1.19339	2.9929E-03	1.0
143	99.5	994.2	42.3	0.43502	3.5972E-03	1.19346	3.0549E-03	1.1
143	100.0	994.2	48.6	0.43502	3.5897E-03	1.19347	3.0646E-03	1.1
143	100.5	995.1	51.5	0.43500	3.5523E-03	1.19350	3.0843E-03	1.0
143	101.0	994.6	57.4	0.43499	3.5300E-03	1.19354	3.1234E-03	1.3
143	101.5	995.2	63.6	0.43496	3.4626E-03	1.19358	3.1528E-03	1.3
143	102.0	995.4	67.6	0.43497	3.4776E-03	1.19358	3.1527E-03	1.0
143	102.5	995.6	73.5	0.43495	3.4527E-03	1.19362	3.1920E-03	1.0
143	103.0	995.7	77.2	0.43496	3.4551E-03	1.19364	3.2051E-03	1.1
143	103.5	995.8	83.4	0.43492	3.3803E-03	1.19369	3.2507E-03	0.9
143	104.0	995.9	87.7	0.43491	3.3504E-03	1.19373	3.2834E-03	1.1
143	104.5	995.9	93.5	0.43493	3.4628E-03	1.19378	3.3193E-03	1.0
143	105.0	996.3	99.6	0.43491	3.3504E-03	1.19380	3.3389E-03	1.0
143	105.5	996.3	102.5	0.43490	3.3280E-03	1.19382	3.3585E-03	0.8
143	106.0	996.5	108.2	0.43489	3.3056E-03	1.19391	3.4303E-03	0.9
143	106.5	997.2	113.5	0.43491	3.3504E-03	1.19388	3.4874E-03	1.2
143	107.0	997.1	120.2	0.43493	3.3953E-03	1.19393	3.4499E-03	1.4
143	107.5	997.3	124.1	0.43491	3.3355E-03	1.19400	3.5118E-03	0.8
143	108.0	997.9	130.3	0.43490	3.3280E-03	1.19402	3.5217E-03	1.0
143	108.5	997.8	134.9	0.43488	3.2682E-03	1.19409	3.5804E-03	1.3
143	109.0	998.0	138.9	0.43486	3.2308E-03	1.19407	3.5706E-03	1.3
143	109.5	998.5	143.9	0.43486	3.2382E-03	1.19409	3.5834E-03	0.8
143	110.0	998.6	149.6	0.43484	3.1783E-03	1.19416	3.6457E-03	1.2
143	110.5	999.3	156.3	0.43485	3.2083E-03	1.19423	3.7011E-03	1.3
143	111.0	998.9	160.7	0.43486	3.2233E-03	1.19426	3.7272E-03	1.2
143	111.5	999.2	164.7	0.43485	3.2157E-03	1.19432	3.7762E-03	1.0
143	112.0	1000.3	170.7	0.43487	3.2532E-03	1.19432	3.7794E-03	1.4
143	112.5	999.4	177.8	0.43484	3.1783E-03	1.19437	3.8154E-03	1.2
143	113.0	999.3	180.1	0.43484	3.1934E-03	1.19441	3.8513E-03	0.9
143	113.5	999.6	186.2	0.43482	3.1410E-03	1.19449	3.9166E-03	1.0
143	114.0	999.5	189.3	0.43484	3.1783E-03	1.19450	3.9297E-03	1.2
143	114.5	1000.0	194.5	0.43482	3.1410E-03	1.19456	3.9785E-03	1.4
143	115.0	999.3	200.7	0.43484	3.1783E-03	1.19456	3.9818E-03	1.2
143	115.5	999.5	204.9	0.43481	3.1260E-03	1.19464	4.0439E-03	1.1
143	116.0	1000.6	212.0	0.43482	3.1335E-03	1.19468	4.0830E-03	1.4
143	116.5	999.9	214.7	0.43480	3.0887E-03	1.19475	4.1385E-03	0.9
143	117.0	999.2	219.8	0.43478	3.0363E-03	1.19476	4.1483E-03	0.7
143	117.5	1000.5	227.7	0.43477	3.0213E-03	1.19483	4.2037E-03	1.3
143	118.0	999.7	230.5	0.43477	3.0213E-03	1.19487	4.2430E-03	0.9
143	118.5	999.7	236.1	0.43476	2.9914E-03	1.19488	4.2495E-03	1.3
143	119.0	1000.1	243.3	0.43475	2.9690E-03	1.19495	4.3049E-03	1.1
143	119.5	999.5	246.1	0.43474	2.9466E-03	1.19501	4.3539E-03	1.2
143	120.0	999.8	252.0	0.43475	2.9765E-03	1.19505	4.3930E-03	1.1
43	120.5	999.9	256.6	0.43472	2.9617E-03	1.19510	4.4323E-03	0.8
143	121.0	999.1	262.4	0.43473	2.9241E-03	1.19515	4.4780E-03	1.1
143	121.5	999.1	268.5	0.43473	2.9241E-03	1.19519	4.5073E-03	1.1
143	122.0	999.7	271.6	0.43472	2.9691E-03	1.19521	4.5236E-03	1.4
143	122.5	999.3	276.6	0.43469	2.8419E-03	1.19526	4.5694E-03	1.2
143	123.0	999.4	283.0	0.43470	2.8568E-03	1.19537	4.6574E-03	1.2
143	123.5	999.0	289.1	0.43468	2.8044E-03	1.19536	4.6542E-03	1.4

143	124.0	999.7	241.6	0.43468	2.8194E-03	1.19539	4.6803E-03	0.9
143	124.5	999.9	297.3	0.43468	2.8844E-03	1.19545	4.7259E-03	1.0
143	125.0	999.2	302.5	0.43465	2.7447E-03	1.19552	4.7847E-03	1.2
143	125.5	999.0	308.4	0.43466	2.7596E-03	1.19560	4.8333E-03	1.1
143	126.0	998.9	313.7	0.43464	2.7297E-03	1.19561	4.8631E-03	1.1
143	126.5	999.3	317.8	0.43464	2.7297E-03	1.19568	4.9185E-03	0.9
143	127.0	999.1	322.9	0.43463	2.7073E-03	1.19573	4.9577E-03	0.9
143	127.5	998.4	329.5	0.43464	2.7297E-03	1.19579	5.0098E-03	1.2
143	128.0	998.6	332.8	0.43462	2.6648E-03	1.19581	5.0262E-03	1.0
143	128.5	998.5	338.6	0.43463	2.7072E-03	1.19587	5.0817E-03	1.0
143	129.0	998.5	344.3	0.43463	2.6923E-03	1.19592	5.1242E-03	1.1
143	129.5	998.4	349.0	0.43464	2.7222E-03	1.19595	5.1503E-03	1.2
143	130.0	998.3	354.6	0.43462	2.6773E-03	1.19603	5.2155E-03	1.1
143	130.5	998.4	359.0	0.43462	2.6773E-03	1.19609	5.2613E-03	1.3
143	131.0	998.2	363.2	0.43462	2.6848E-03	1.19616	5.3232E-03	0.9
143	131.5	997.7	367.4	0.43465	2.7371E-03	1.19619	5.3494E-03	1.1
143	132.0	997.9	375.6	0.43463	2.6498E-03	1.19625	5.4015E-03	1.0
143	132.5	997.6	380.2	0.43466	2.7671E-03	1.19630	5.4441E-03	0.9
143	133.0	997.6	385.3	0.43462	2.6698E-03	1.19638	5.5061E-03	1.1
143	133.5	997.6	391.0	0.43462	2.6773E-03	1.19644	5.5582E-03	1.1
143	134.0	997.8	394.2	0.43459	2.6026E-03	1.19647	5.5844E-03	1.0
143	134.5	997.9	399.7	0.43460	2.6399E-03	1.19652	5.6268E-03	1.5
143	135.0	998.0	404.5	0.43459	2.6100E-03	1.19657	5.6692E-03	0.9
143	135.5	997.8	409.9	0.43459	2.6175E-03	1.19667	5.7509E-03	1.0
143	136.0	998.1	415.6	0.43456	2.5277E-03	1.19676	5.8259E-03	1.1
143	136.5	998.0	418.5	0.43452	2.4381E-03	1.19682	5.8814E-03	1.1
143	137.0	997.7	424.4	0.43450	2.4006E-03	1.19684	5.8977E-03	1.2
143	137.5	997.7	430.7	0.43451	2.4230E-03	1.19695	5.9891E-03	1.5
143	138.0	998.0	435.9	0.43448	2.3483E-03	1.19703	6.0543E-03	1.2
143	138.5	997.5	439.0	0.43447	2.3408E-03	1.19705	6.0674E-03	0.8
143	139.0	997.3	445.0	0.43445	2.2810E-03	1.19714	6.1458E-03	1.1
143	139.5	997.4	452.1	0.43448	2.3483E-03	1.19722	6.2143E-03	1.3
143	140.0	998.1	455.9	0.43447	2.3407E-03	1.19727	6.2600E-03	1.3
143	140.5	997.6	462.3	0.43448	2.3483E-03	1.19738	6.3481E-03	1.5
143	141.0	997.9	467.0	0.43444	2.2660E-03	1.19743	6.3905E-03	0.9
143	141.5	997.5	470.2	0.43444	2.2510E-03	1.19750	6.4526E-03	1.0
143	142.0	997.6	476.1	0.43445	2.2809E-03	1.19761	6.5405E-03	0.8
143	142.5	997.8	480.9	0.43444	2.2510E-03	1.19766	6.5798E-03	0.8
143	143.0	997.7	486.4	0.43444	2.2586E-03	1.19773	6.6418E-03	1.1
143	143.5	998.4	491.4	0.43440	2.1613E-03	1.19778	6.6875E-03	1.1
143	144.0	998.3	496.6	0.43439	2.1538E-03	1.19789	6.7756E-03	1.1
143	144.5	998.3	503.2	0.43439	2.1389E-03	1.19794	6.8212E-03	1.4
143	145.0	998.6	508.0	0.43438	2.1314E-03	1.19799	6.8605E-03	1.3
143	145.5	998.9	511.3	0.43434	2.0267E-03	1.19812	6.9747E-03	1.0
143	146.0	998.9	517.0	0.43435	2.0567E-03	1.19821	7.0465E-03	1.2
143	146.5	998.9	523.1	0.43430	1.9369E-03	1.19831	7.1314E-03	1.0
143	147.0	998.1	527.0	0.43430	1.9294E-03	1.19845	7.2457E-03	1.1
143	147.5	998.7	533.0	0.43429	1.9145E-03	1.19846	7.2554E-03	1.2
143	148.0	998.7	537.1	0.43427	1.8697E-03	1.19857	7.3468E-03	1.1
143	148.5	998.4	542.8	0.43426	1.8547E-03	1.19866	7.4218E-03	1.1
143	149.0	998.0	549.7	0.43424	1.8024E-03	1.19877	7.5131E-03	1.5
143	149.5	998.5	553.2	0.43422	1.7575E-03	1.19880	7.5426E-03	1.3
143	150.0	998.3	556.9	0.43418	1.6602E-03	1.19894	7.6602E-03	0.9
143	150.5	997.9	561.8	0.43418	1.6603E-03	1.19906	7.7584E-03	0.9
143	151.0	998.3	569.5	0.43413	1.5855E-03	1.19916	7.8462E-03	1.2
143	151.5	998.6	572.9	0.43412	1.5331E-03	1.19925	7.9244E-03	1.0
143	152.0	998.5	578.2	0.43409	1.4583E-03	1.19933	7.9897E-03	0.9
143	152.5	998.2	584.1	0.43409	1.4508E-03	1.19949	8.1203E-03	1.1
143	153.0	998.1	586.9	0.43410	1.4882E-03	1.19954	8.1661E-03	1.1
143	153.5	998.7	594.7	0.43404	1.3461E-03	1.19972	8.3129E-03	1.2
143	154.0	998.9	599.1	0.43401	1.2639E-03	1.19980	8.3647E-03	1.3
143	154.5	999.0	603.2	0.43401	1.2639E-03	1.19990	8.4662E-03	1.1
143	155.0	999.1	607.3	0.43396	1.2041E-03	1.20005	8.5904E-03	1.0
143	155.5	999.2	613.4	0.43395	1.1367E-03	1.20020	8.7176E-03	1.1
143	156.0	999.7	618.0	0.43392	1.0619E-03	1.20025	8.7633E-03	0.9
143	156.5	999.0	621.6	0.43389	1.0021E-03	1.20042	8.9036E-03	0.8

143	157.0	994.0	624.0	0.43390	4.1222E-04	1.20034	4.0303E-03	1.1
143	157.5	997.9	633.0	0.43390	1.0171E-03	1.20069	9.1288E-03	0.9
143	158.0	998.2	640.2	0.43367	9.4976E-04	1.20083	9.2463E-03	1.1
143	158.5	998.6	646.7	0.43383	8.5264E-04	1.20097	9.3670E-03	1.3
143	159.0	998.0	650.5	0.43360	7.7776E-04	1.20112	9.4911E-03	1.2
143	159.5	998.2	653.3	0.43376	7.0306E-04	1.20125	9.5988E-03	1.0
143	160.0	998.3	659.4	0.43375	6.7507E-04	1.20148	9.7446E-03	1.0
143	160.5	998.6	665.7	0.43364	5.3846E-04	1.20164	9.9284E-03	1.0
143	161.0	998.6	669.2	0.43364	5.2346E-04	1.20178	1.0046E-02	0.6
143	161.5	998.3	674.1	0.43367	4.7868E-04	1.20196	1.0196E-02	0.9
143	162.0	999.0	678.9	0.43364	4.2623E-04	1.20208	1.0300E-02	0.8
143	162.5	999.1	685.4	0.43360	3.1408E-04	1.20232	1.0496E-02	1.4
143	163.0	998.9	690.8	0.43358	2.7676E-04	1.20248	1.0633E-02	1.0
143	163.5	999.3	694.2	0.43353	1.7200E-04	1.20273	1.0842E-02	0.8
143	164.0	999.8	699.4	0.43353	1.5100E-04	1.20291	1.0999E-02	1.1
143	164.5	1000.0	704.2	0.43345	-2.9852E-05	1.20313	1.1178E-02	1.2
143	165.0	999.8	709.4	0.43340	-1.4208E-04	1.20339	1.1400E-02	0.8
143	165.5	999.7	715.5	0.43330	-2.2438E-04	1.20361	1.1586E-02	1.0
143	166.0	999.8	720.4	0.43330	-3.8653E-04	1.20388	1.1812E-02	1.1
143	166.5	999.1	726.7	0.43327	-4.3376E-04	1.20417	1.2053E-02	1.3
143	167.0	1000.8	730.0	0.43321	-5.7577E-04	1.20445	1.2291E-02	1.0
143	167.5	1000.3	737.1	0.43317	-6.6861E-04	1.20477	1.2559E-02	1.1
143	168.0	1000.7	742.4	0.43314	-7.4780E-04	1.20506	1.2804E-02	1.2
143	168.5	1000.6	748.7	0.43307	-8.9138E-04	1.20538	1.3071E-02	1.0
143	169.0	1000.0	751.4	0.43301	-1.0321E-03	1.20568	1.3326E-02	1.2
143	169.5	999.7	756.2	0.43291	-1.2564E-03	1.20608	1.3659E-02	1.2
143	170.0	999.9	762.2	0.43282	-1.4733E-03	1.20646	1.3979E-02	1.1
143	170.5	999.8	766.0	0.43276	-1.6154E-03	1.20680	1.4269E-02	1.2
143	171.0	1000.5	771.5	0.43270	-1.7574E-03	1.20723	1.4628E-02	1.0
143	171.5	999.9	777.7	0.43260	-1.9692E-03	1.20768	1.5007E-02	1.3
143	172.0	1000.3	780.6	0.43252	-2.1613E-03	1.20813	1.5336E-02	1.2
143	172.5	1000.2	781.9	0.43243	-2.3782E-03	1.20856	1.5745E-02	1.3
143	173.0	1000.7	783.0	0.43234	-2.5876E-03	1.20898	1.6108E-02	1.2
143	173.5	1000.6	784.1	0.43226	-2.7670E-03	1.20936	1.6414E-02	1.1
143	174.0	1000.2	788.8	0.43220	-2.9167E-03	1.20973	1.6730E-02	1.1
143	174.5	1000.0	779.7	0.43211	-3.1186E-03	1.21013	1.7066E-02	0.8
143	175.0	1000.6	779.8	0.43205	-3.2457E-03	1.21050	1.7380E-02	1.1
143	175.5	999.8	781.7	0.43200	-3.3729E-03	1.21093	1.7735E-02	1.1
143	176.0	1000.6	782.5	0.43192	-3.5449E-03	1.21131	1.8055E-02	1.4
143	176.5	999.8	788.3	0.43186	-3.6795E-03	1.21169	1.8375E-02	1.2
143	177.0	1000.9	788.1	0.43179	-3.8590E-03	1.21210	1.8718E-02	1.0
143	177.5	1001.2	783.2	0.43171	-4.0459E-03	1.21242	1.8989E-02	1.3
143	178.0	1000.7	782.2	0.43164	-4.2029E-03	1.21279	1.9302E-02	1.4
143	178.5	1000.5	781.1	0.43154	-4.4348E-03	1.21320	1.9645E-02	1.0
143	179.0	1001.1	783.4	0.43147	-4.5493E-03	1.21357	1.9955E-02	1.3
143	179.5	999.7	788.8	0.43139	-4.7639E-03	1.21394	2.0265E-02	1.0
143	180.0	999.8	781.9	0.43132	-4.9283E-03	1.21432	2.0585E-02	1.1
143	180.5	1000.5	780.4	0.43126	-5.0779E-03	1.21465	2.0865E-02	1.1
143	181.0	999.4	779.8	0.43119	-5.2275E-03	1.21502	2.1176E-02	0.8
143	181.5	1000.1	779.7	0.43113	-5.3771E-03	1.21538	2.1479E-02	1.2
143	182.0	999.4	779.9	0.43107	-5.5117E-03	1.21577	2.1805E-02	0.9
143	182.5	998.8	779.2	0.43104	-5.5665E-03	1.21609	2.2073E-02	1.0
143	183.0	998.7	782.3	0.43096	-5.7735E-03	1.21654	2.2408E-02	1.3
143	183.5	998.7	781.4	0.43091	-5.8782E-03	1.21685	2.2709E-02	0.9
143	184.0	999.1	780.1	0.43085	-6.0278E-03	1.21725	2.3049E-02	0.8
143	184.5	999.1	780.1	0.43076	-6.2222E-03	1.21758	2.3323E-02	1.0
143	185.0	998.6	780.2	0.43065	-6.4765E-03	1.21794	2.3647E-02	0.8
143	185.5	998.7	779.5	0.43058	-6.6485E-03	1.21834	2.3966E-02	1.2
143	186.0	998.8	779.1	0.43049	-6.8504E-03	1.21866	2.4234E-02	1.1
143	186.5	999.0	779.9	0.43043	-6.9426E-03	1.21905	2.4567E-02	0.9
143	187.0	999.4	779.8	0.43038	-7.1122E-03	1.21942	2.4870E-02	0.8
143	187.5	999.4	761.9	0.43029	-7.3141E-03	1.21977	2.5167E-02	1.3
143	188.0	999.4	763.2	0.43021	-7.5011E-03	1.22015	2.5487E-02	1.1
143	188.5	998.9	781.1	0.43011	-7.7324E-03	1.22055	2.5820E-02	1.3
143	189.0	998.5	780.9	0.43002	-7.9422E-03	1.22090	2.6117E-02	1.1
143	189.5	999.2	780.9	0.42998	-8.0320E-03	1.22122	2.6384E-02	1.0

143	140.0	999.1	780.8	0.42991	-8.1465E-03	1.22164	2.6757E-02	1.0
143	142.5	999.4	782.6	0.42985	-8.3387E-03	1.22198	2.7027E-02	1.0
143	141.0	998.8	780.8	0.42978	-8.4457E-03	1.22240	2.7373E-02	1.2
143	141.5	999.6	782.5	0.42969	-8.6901E-03	1.22274	2.7664E-02	1.3
143	142.0	998.9	781.0	0.42961	-8.8696E-03	1.22312	2.7982E-02	0.9
143	142.5	998.3	782.0	0.42952	-9.0865E-03	1.22350	2.8304E-02	0.9
143	143.0	997.8	780.8	0.42948	-9.1412E-03	1.22389	2.8630E-02	0.9
143	143.5	998.6	782.2	0.42941	-9.3482E-03	1.22425	2.8930E-02	1.0
143	144.0	998.7	781.0	0.42934	-9.5128E-03	1.22458	2.9208E-02	1.0
143	144.5	998.4	781.7	0.42927	-9.6623E-03	1.22499	2.9557E-02	1.2
143	145.0	997.6	782.6	0.42919	-9.8568E-03	1.22543	2.9922E-02	0.9
143	145.5	997.9	780.1	0.42912	-1.0014E-02	1.22579	3.0223E-02	1.2
143	146.0	998.3	780.2	0.42907	-1.0133E-02	1.22615	3.0533E-02	1.1
143	146.5	998.6	782.1	0.42902	-1.0231E-02	1.22654	3.0853E-02	1.5
143	147.0	998.4	782.5	0.42895	-1.0410E-02	1.22695	3.1199E-02	1.2
143	147.5	998.0	780.5	0.42886	-1.0620E-02	1.22734	3.1528E-02	1.2
143	148.0	998.9	780.9	0.42881	-1.0732E-02	1.22773	3.1858E-02	1.3
143	148.5	997.6	781.1	0.42875	-1.0874E-02	1.22812	3.2187E-02	1.0
143	149.0	998.6	780.5	0.42869	-1.1071E-02	1.22848	3.2484E-02	0.9
143	149.5	997.8	782.7	0.42864	-1.1121E-02	1.22892	3.2856E-02	1.1

TEST 1, ISTART= 1 ISTOP= 400

144	73.5						
144	68.5	924.8	16.5	0.43494	0.2900E-02	1.21311	0.2079E-02
144	69.0	984.4	20.7	0.43496	0.2952E-02	1.21325	0.2197E-02
144	69.5	999.9	20.4	0.43495	0.2923E-02	1.21320	0.2156E-02
144	70.0	1003.9	21.1	0.43494	0.2908E-02	1.21325	0.2194E-02
144	70.5	1004.8	20.8	0.43495	0.2930E-02	1.21322	0.2165E-02
144	71.0	1004.5	20.7	0.43496	0.2960E-02	1.21318	0.2140E-02
144	71.5	1004.0	19.7	0.43494	0.2915E-02	1.21321	0.2159E-02
144	72.0	1003.4	20.6	0.43496	0.2960E-02	1.21317	0.2124E-02
144	72.5	1002.9	20.3	0.43496	0.2952E-02	1.21320	0.2152E-02
144	73.0	1001.1	19.1	0.43494	0.2908E-02	1.21318	0.2140E-02
144	73.5	1000.0	24.3	0.43494	0.2900E-02	1.21321	0.2162E-02
144	74.0	1000.0	30.6	0.43492	0.2870E-02	1.21325	0.2197E-02
144	74.5	998.7	34.9	0.43493	0.2876E-02	1.21328	0.2220E-02
144	75.0	997.4	40.7	0.43495	0.2923E-02	1.21328	0.2217E-02
144	75.5	997.1	44.3	0.43494	0.2908E-02	1.21332	0.2252E-02
144	76.0	996.5	50.6	0.43498	0.2953E-02	1.21334	0.2268E-02
144	76.5	996.3	54.8	0.43495	0.2923E-02	1.21340	0.2319E-02
144	77.0	996.1	60.8	0.43494	0.2915E-02	1.21341	0.2326E-02
144	77.5	995.2	65.0	0.43493	0.2893E-02	1.21344	0.2354E-02
144	78.0	995.3	72.2	0.43495	0.2923E-02	1.21348	0.2380E-02
144	78.5	994.7	76.5	0.43494	0.2909E-02	1.21349	0.2390E-02
144	79.0	994.3	81.6	0.43493	0.2885E-02	1.21357	0.2454E-02
144	79.5	994.5	86.4	0.43493	0.2893E-02	1.21363	0.2512E-02
144	80.0	993.8	92.3	0.43494	0.2900E-02	1.21364	0.2512E-02
144	80.5	994.4	96.0	0.43490	0.2818E-02	1.21367	0.2537E-02
144	81.0	993.9	101.4	0.43491	0.2825E-02	1.21376	0.2611E-02
144	81.5	994.1	104.8	0.43491	0.2833E-02	1.21373	0.2589E-02
144	82.0	993.9	111.1	0.43489	0.2798E-02	1.21372	0.2582E-02
144	82.5	994.2	118.2	0.43491	0.2840E-02	1.21381	0.2659E-02
144	83.0	994.5	122.5	0.43489	0.2781E-02	1.21385	0.2688E-02
144	83.5	995.4	128.2	0.43486	0.2728E-02	1.21390	0.2727E-02
144	84.0	994.3	132.6	0.43485	0.2698E-02	1.21392	0.2746E-02
144	84.5	994.7	136.7	0.43482	0.2624E-02	1.21393	0.2752E-02
144	85.0	995.9	142.1	0.43484	0.2669E-02	1.21397	0.2791E-02
144	85.5	995.0	147.7	0.43480	0.2579E-02	1.21405	0.2855E-02
144	86.0	996.1	152.2	0.43482	0.2631E-02	1.21409	0.2887E-02
144	86.5	995.8	156.9	0.43480	0.2594E-02	1.21415	0.2935E-02
144	87.0	996.3	160.9	0.43481	0.2601E-02	1.21414	0.2932E-02
144	87.5	996.5	168.4	0.43478	0.2541E-02	1.21412	0.2913E-02
144	88.0	996.5	171.9	0.43477	0.2511E-02	1.21417	0.2958E-02
144	88.5	997.2	178.1	0.43477	0.2504E-02	1.21422	0.2993E-02
144	89.0	997.6	185.1	0.43477	0.2511E-02	1.21431	0.3070E-02
144	89.5	997.2	186.8	0.43476	0.2496E-02	1.21439	0.3134E-02
144	90.0	997.5	193.3	0.43477	0.2519E-02	1.21440	0.3144E-02
144	90.5	998.6	200.7	0.43472	0.2399E-02	1.21440	0.3147E-02
144	91.0	997.8	203.9	0.43470	0.2347E-02	1.21442	0.3163E-02
144	91.5	998.0	208.5	0.43468	0.2295E-02	1.21447	0.3198E-02
144	92.0	998.3	213.8	0.43470	0.2347E-02	1.21450	0.3227E-02
144	92.5	999.3	218.8	0.43469	0.2340E-02	1.21459	0.3304E-02
144	93.0	999.1	223.6	0.43469	0.2325E-02	1.21463	0.3336E-02
144	93.5	999.2	230.3	0.43468	0.2310E-02	1.21464	0.3346E-02
144	94.0	999.4	234.3	0.43465	0.2242E-02	1.21473	0.3420E-02
144	94.5	998.3	237.0	0.43466	0.2265E-02	1.21473	0.3413E-02
144	95.0	999.6	243.1	0.43467	0.2272E-02	1.21477	0.3452E-02
144	95.5	999.3	248.8	0.43465	0.2242E-02	1.21485	0.3513E-02
144	96.0	999.6	253.3	0.43464	0.2213E-02	1.21494	0.3590E-02
144	96.5	998.9	258.2	0.43459	0.2108E-02	1.21497	0.3615E-02
144	97.0	1000.0	266.6	0.43461	0.2138E-02	1.21506	0.3680E-02
144	97.5	999.9	268.8	0.43460	0.2123E-02	1.21509	0.3711E-02

144	98.0	1000.4	274.6	0.43458	0.2085E-02	1.21516	0.3772E-02	5.5
144	98.5	1000.7	280.3	0.43458	0.2078E-02	1.21520	0.3808E-02	6.0
144	99.0	1000.5	284.6	0.43451	0.1921E-02	1.21527	0.3862E-02	4.2
144	99.5	1001.0	291.8	0.43455	0.2011E-02	1.21535	0.3926E-02	5.7
144	100.0	1001.7	296.9	0.43454	0.1981E-02	1.21543	0.3994E-02	5.7
144	100.5	1000.9	302.8	0.43451	0.1921E-02	1.21553	0.4080E-02	5.9
144	101.0	1000.3	304.2	0.43451	0.1906E-02	1.21559	0.4128E-02	6.1
144	101.5	1001.3	310.0	0.43448	0.1846E-02	1.21573	0.4241E-02	3.5
144	102.0	1001.4	315.4	0.43446	0.1801E-02	1.21588	0.4366E-02	4.9
144	102.5	1001.2	320.9	0.43444	0.1764E-02	1.21591	0.4395E-02	6.0
144	103.0	1001.8	326.8	0.43440	0.1652E-02	1.21601	0.4472E-02	5.7
144	103.5	1002.0	330.7	0.43436	0.1570E-02	1.21618	0.4616E-02	4.3
144	104.0	1001.4	336.7	0.43435	0.1547E-02	1.21631	0.4725E-02	5.7
144	104.5	1001.5	342.5	0.43433	0.1487E-02	1.21647	0.4853E-02	4.5
144	105.0	1000.9	344.4	0.43426	0.1330E-02	1.21665	0.5001E-02	6.3
144	105.5	1001.7	350.7	0.43422	0.1248E-02	1.21679	0.5120E-02	5.5
144	106.0	1001.3	355.7	0.43418	0.1159E-02	1.21691	0.5216E-02	5.8
144	106.5	1001.3	360.8	0.43414	0.1069E-02	1.21719	0.5447E-02	4.6
144	107.0	1001.5	366.9	0.43413	0.1039E-02	1.21731	0.5550E-02	4.9
144	107.5	1001.1	371.1	0.43404	0.8371E-03	1.21756	0.5755E-02	6.1
144	108.0	1001.3	376.6	0.43403	0.7997E-03	1.21781	0.5963E-02	4.6
144	108.5	1001.5	382.0	0.43398	7.7026E-03	1.21808	0.6181E-02	4.6
144	109.0	1001.4	387.0	0.43386	0.4110E-03	1.21842	0.6467E-02	5.7
144	109.5	1001.2	392.5	0.43379	0.2466E-03	1.21875	0.6740E-02	4.9
144	110.0	999.5	396.5	0.43370	0.4482E-04	1.21920	0.7105E-02	4.6
144	110.5	1000.0	403.6	0.43359	-0.2168E-03	1.21975	0.7561E-02	5.2
144	111.0	999.9	407.2	0.43346	-0.5009E-03	1.22024	0.7968E-02	4.9
144	111.5	999.6	412.2	0.43334	-0.7849E-03	1.22082	0.8449E-02	6.9
144	112.0	999.7	416.6	0.43322	-0.1062E-02	1.22153	0.9033E-02	6.3
144	112.5	999.0	423.6	0.43308	-0.1375E-02	1.22225	0.9630E-02	5.5
144	113.0	998.8	427.7	0.43289	-0.1816E-02	1.22306	0.1030E-01	5.6
144	113.5	998.9	432.1	0.43268	-0.2310E-02	1.22389	0.1098E-01	5.6
144	114.0	998.8	436.9	0.43252	-0.2869E-02	1.22480	0.1174E-01	5.7
144	114.5	999.4	442.4	0.43228	-0.3222E-02	1.22580	0.1256E-01	3.7
144	115.0	999.0	446.9	0.43199	-0.3894E-02	1.22673	0.1333E-01	5.9
144	115.5	999.9	454.6	0.43167	-0.4627E-02	1.22788	0.1428E-01	6.6
144	116.0	999.9	457.5	0.43140	-0.5262E-02	1.22896	0.1517E-01	5.2
144	116.5	999.1	461.0	0.43114	-0.5868E-02	1.23011	0.1612E-01	4.9
144	117.0	999.2	469.1	0.43088	-0.6451E-02	1.23131	0.1711E-01	5.7
144	117.5	999.4	472.5	0.43055	-0.7228E-02	1.23252	0.1811E-01	7.7
144	118.0	999.6	478.6	0.43020	-0.8013E-02	1.23387	0.1922E-01	3.4
144	118.5	999.0	482.2	0.42987	-0.8790E-02	1.23528	0.2039E-01	6.6
144	119.0	999.2	489.5	0.42957	-0.9471E-02	1.23664	0.2152E-01	4.6
144	119.5	999.8	493.5	0.42925	-0.1022E-01	1.23807	0.2270E-01	5.9
144	120.0	999.6	498.1	0.42884	-0.1115E-01	1.23958	0.2394E-01	5.6
144	120.5	999.9	501.8	0.42854	-0.1186E-01	1.24118	0.2526E-01	5.6
144	121.0	999.8	510.4	0.42811	-0.1283E-01	1.24281	0.2661E-01	6.4
144	121.5	1000.1	513.0	0.42766	-0.1387E-01	1.24459	0.2808E-01	6.1
144	122.0	999.5	516.6	0.42724	-0.1485E-01	1.24645	0.2962E-01	2.4
144	122.5	1000.3	522.2	0.42676	-0.1596E-01	1.24833	0.3117E-01	3.7
144	123.0	999.6	528.8	0.42631	-0.1698E-01	1.25035	0.3284E-01	5.9
144	123.5	1000.3	535.2	0.42578	-0.1822E-01	1.25250	0.3461E-01	6.5
144	124.0	1000.2	538.6	0.42523	-0.1948E-01	1.25490	0.3651E-01	4.9
144	124.5	1000.5	544.2	0.42476	-0.2058E-01	1.25720	0.3850E-01	6.2
144	125.0	1000.3	550.1	0.42422	-0.2182E-01	1.25981	0.4066E-01	6.7
144	125.5	1001.2	554.8	0.42351	-0.2344E-01	1.26250	0.4288E-01	6.1
144	126.0	1001.2	561.5	0.42285	-0.2497E-01	1.26530	0.4518E-01	5.4
144	126.5	1000.9	564.7	0.42220	-0.2646E-01	1.26830	0.4767E-01	4.9
144	127.0	1001.1	570.0	0.42144	-0.2823E-01	1.27140	0.5023E-01	7.7
144	127.5	1001.2	573.5	0.42068	-0.2997E-01	1.27476	0.5301E-01	6.3

144	128.0	1001.4	579.1	0.41998	-0.3159E-01	1.27547	0.5359E-01	6.4
144	128.5	1001.9	585.5	0.41895	-0.3397E-01	-9.99900	-0.9999E+04	5.7
144	129.0	1001.5	589.5	0.41608	-0.3596E-01	-9.99900	-0.9999E+04	6.6
144	129.5	1001.8	596.3	0.41713	-0.3816E-01	-9.99900	-0.9999E+04	6.1
144	130.0	1001.2	598.1	0.41608	-0.4056E-01	-9.99900	-0.9999E+04	5.2
144	130.5	1002.5	606.1	0.41507	-0.4291E-01	-9.99900	-0.9999E+04	3.4
144	131.0	1001.7	607.4	0.41348	-0.4566E-01	-9.99900	-0.9999E+04	5.3
144	131.5	1002.0	615.4	0.41270	-0.4838E-01	-9.99900	-0.9999E+04	5.2
144	132.0	1002.4	618.5	0.41145	-0.5127E-01	-9.99900	-0.9999E+04	3.4
144	132.5	1001.4	623.6	0.41007	-0.5445E-01	-9.99900	-0.9999E+04	6.4
144	133.0	1001.8	628.2	0.40856	-0.5791E-01	-9.99900	-0.9999E+04	4.3
144	133.5	1002.8	633.9	0.40704	-0.6142E-01	-9.99900	-0.9999E+04	3.4
144	134.0	1002.1	640.2	0.40535	-0.6532E-01	-9.99900	-0.9999E+04	6.3
144	134.5	1002.3	645.1	0.40365	-0.6925E-01	-9.99900	-0.9999E+04	5.2
144	135.0	1002.9	647.9	0.40155	-0.7408E-01	-9.99900	-0.9999E+04	6.7
144	135.5	1003.1	654.0	0.39947	-0.7888E-01	-9.99900	-0.9999E+04	5.9
144	136.0	1002.9	658.5	0.39719	-0.8413E-01	-9.99900	-0.9999E+04	5.6
144	136.5	1002.2	661.3	0.39471	-0.8986E-01	-9.99900	-0.9999E+04	5.2
144	137.0	1002.7	666.6	0.39188	-0.9639E-01	-9.99900	-0.9999E+04	6.1
144	137.5	1003.0	671.4	0.38870	-0.1037E+00	-9.99900	-0.9999E+04	4.9
144	138.0	1003.3	675.5	0.38500	-0.1122E+00	-9.99900	-0.9999E+04	5.2
144	138.5	1004.1	679.5	0.38071	-0.1221E+00	-9.99900	-0.9999E+04	4.4
144	139.0	1004.8	681.1	0.37526	-0.1347E+00	-9.99900	-0.9999E+04	7.3
144	139.5	1006.4	682.7	0.36815	-0.1511E+00	-9.99900	-0.9999E+04	4.6
144	140.0	1008.0	679.1	0.35728	-0.1762E+00	-9.99900	-0.9999E+04	5.3
144	140.5	1013.4	660.9	0.43665	0.6854E-02	-9.99900	-0.9999E+04	5.2
144	141.0	1012.5	0.0	0.43440	0.1652E-02	-9.99900	-0.9999E+04	4.1

K : Special Tests

K.1 : Oxidation Hardening Rate Tests Biaxial Constant Pressure (1650°F - 2000°F)
(In 20% O₂ - 80% Ar 1 atm)

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WAS INTENTIONALLY
LEFT BLANK

411	286.5	1649.4	2.2	0.43727	0.9063E-02	1.21790	0.1330E-01	149.0
411	287.0	1649.6	2.1	0.43735	0.9243E-02	1.21789	0.1329E-01	149.1
411	287.5	1648.9	2.3	0.43735	0.9243E-02	1.21759	0.1329E-01	149.5
411	288.0	1650.2	2.1	0.43737	0.9248E-02	1.20549	0.1302E-02	149.3
411	288.5	1650.1	2.1	0.43740	0.9378E-02	1.21796	0.1335E-01	149.3
411	289.0	1648.1	2.2	0.43739	0.9348E-02	1.21792	0.1331E-01	148.8
411	289.5	1648.2	2.2	0.43740	0.9353E-02	1.21796	0.1335E-01	149.1
411	290.0	1647.4	2.3	0.43739	0.9346E-02	1.21793	0.1332E-01	149.3
411	290.5	1648.7	2.0	0.43735	0.9256E-02	1.21803	0.1340E-01	149.0
411	291.0	1647.9	2.5	0.43745	0.9482E-02	1.21803	0.1341E-01	148.7
411	291.5	1651.1	2.4	0.43777	0.1023E-01	1.21822	0.1356E-01	147.7
411	292.0	1651.3	2.2	0.43796	0.1060E-01	1.21823	0.1357E-01	147.9
411	292.5	1650.7	2.2	0.43807	0.1090E-01	1.21824	0.1358E-01	148.5
411	293.0	1648.3	2.2	0.43811	0.1101E-01	1.21823	0.1357E-01	148.3
411	293.5	1649.9	2.5	0.43831	0.1140E-01	1.21830	0.1363E-01	148.5
411	294.0	1649.2	2.2	0.43835	0.1150E-01	1.21823	0.1357E-01	148.9
411	294.5	1650.5	2.2	0.43844	0.1170E-01	1.21831	0.1363E-01	149.0
411	295.0	1650.5	2.5	0.43853	0.1197E-01	1.21835	0.1367E-01	149.1
411	295.5	1650.6	2.2	0.43859	0.1212E-01	1.21845	0.1375E-01	148.8
411	296.0	1649.9	2.3	0.43868	0.1231E-01	1.21842	0.1373E-01	149.1
411	296.5	1648.5	2.2	0.43873	0.1243E-01	1.21843	0.1374E-01	149.2
411	297.0	1647.7	2.3	0.43878	0.1255E-01	1.21842	0.1373E-01	149.9
411	297.5	1647.7	2.4	0.43883	0.1267E-01	1.21846	0.1376E-01	149.8
411	298.0	1647.8	2.1	0.43883	0.1267E-01	1.21848	0.1378E-01	149.3
411	298.5	1648.0	2.5	0.43904	0.1315E-01	1.21850	0.1380E-01	149.7
411	299.0	1647.9	2.2	0.43912	0.1334E-01	1.21849	0.1378E-01	150.1
411	299.5	1647.8	2.3	0.43913	0.1336E-01	1.21850	0.1384E-01	150.0
411	300.0	1648.3	2.3	0.43927	0.1367E-01	1.21856	0.1384E-01	150.0
411	300.5	1646.2	2.3	0.43926	0.1366E-01	1.21861	0.1389E-01	150.1
411	301.0	1648.1	2.4	0.43943	0.1405E-01	1.21861	0.1389E-01	150.4
411	301.5	1649.2	2.2	0.43955	0.1433E-01	1.21866	0.1393E-01	150.6
411	302.0	1645.9	2.3	0.43966	0.1458E-01	1.21865	0.1392E-01	150.6
411	302.5	1647.4	2.3	0.43963	0.1452E-01	1.21870	0.1396E-01	150.6
411	303.0	1648.5	2.2	0.43973	0.1475E-01	1.21870	0.1396E-01	150.7
411	303.5	1651.0	2.4	0.43991	0.1515E-01	1.21873	0.1399E-01	151.1
411	304.0	1651.1	2.1	0.44001	0.1532E-01	1.21874	0.1400E-01	150.8
411	304.5	1649.1	2.4	0.44006	0.1550E-01	1.21876	0.1401E-01	150.6
411	305.0	1649.3	2.2	0.44004	0.1547E-01	1.21881	0.1405E-01	151.3
411	305.5	1650.0	2.2	0.44021	0.1584E-01	1.19910	-0.2348E-02	151.4
411	306.0	1650.1	2.2	0.44031	0.1608E-01	1.21889	0.1412E-01	151.4
411	306.5	1651.5	2.2	0.44032	0.1611E-01	1.21890	0.1413E-01	151.5
411	307.0	1652.4	2.5	0.44045	0.1639E-01	1.21899	0.1412E-01	151.4
411	307.5	1652.1	2.3	0.44046	0.1644E-01	1.21891	0.1414E-01	151.5
411	308.0	1651.9	2.2	0.44059	0.1672E-01	1.21897	0.1419E-01	151.7
411	308.5	1652.2	2.5	0.44071	0.1701E-01	1.21890	0.1413E-01	152.2
411	309.0	1650.8	2.2	0.44086	0.1735E-01	1.21893	0.1415E-01	151.9
411	309.5	1651.3	2.3	0.44093	0.1752E-01	1.21894	0.1416E-01	152.2
411	310.0	1649.6	2.3	0.44100	0.1768E-01	1.21897	0.1419E-01	152.0
411	310.5	1648.5	2.2	0.44102	0.1773E-01	1.21896	0.1418E-01	152.2
411	311.0	1647.6	2.4	0.44119	0.1812E-01	1.21905	0.1425E-01	152.3
411	311.5	1648.9	2.3	0.44128	0.1832E-01	1.21903	0.1424E-01	152.1
411	312.0	1648.7	2.3	0.44142	0.1855E-01	1.21902	0.1423E-01	152.2
411	312.5	1647.9	2.3	0.44144	0.1870E-01	1.21915	0.1434E-01	153.0
411	313.0	1647.0	2.2	0.44153	0.1894E-01	1.21915	0.1434E-01	152.4
411	313.5	1647.3	2.4	0.44164	0.1916E-01	1.21916	0.1435E-01	152.7
411	314.0	1649.4	2.2	0.44172	0.1934E-01	1.21917	0.1435E-01	153.0
411	314.5	1649.1	2.1	0.44184	0.1961E-01	1.21917	0.1435E-01	152.5
411	315.0	1650.4	2.6	0.44194	0.1984E-01	1.21920	0.1436E-01	153.2
411	315.5	1650.1	2.2	0.44201	0.2000E-01	1.21929	0.1445E-01	153.2
411	316.0	1649.2	2.3	0.44210	0.2022E-01	1.21930	0.1446E-01	153.1

411	316.5	1650.1	2.4	0.44216	0.2034E-01	1.21937	0.1452E-01	153.7
411	317.0	1649.4	2.1	0.44216	0.2039E-01	1.21933	0.1449E-01	153.1
411	317.5	1650.6	2.5	0.44222	0.2040E-01	1.21937	0.1452E-01	152.5
411	318.0	1651.0	2.4	0.44247	0.2105E-01	1.21936	0.1453E-01	153.7
411	318.5	1650.5	2.2	0.44252	0.2116E-01	1.21946	0.1454E-01	153.1
411	319.0	1651.2	2.3	0.44275	0.2172E-01	1.21945	0.1458E-01	153.9
411	319.5	1650.3	2.2	0.44282	0.2189E-01	1.21946	0.1459E-01	153.6
411	320.0	1650.5	2.4	0.44283	0.2190E-01	1.21949	0.1462E-01	153.7
411	320.5	1650.7	2.2	0.44295	0.2216E-01	1.21947	0.1460E-01	153.7
411	321.0	1648.2	2.0	0.44304	0.2236E-01	1.21951	0.1464E-01	154.1
411	321.5	1649.1	2.3	0.44309	0.2250E-01	1.21954	0.1466E-01	153.6
411	322.0	1650.0	2.2	0.44320	0.2275E-01	1.21959	0.1470E-01	152.9
411	322.5	1649.0	2.3	0.44324	0.2284E-01	1.21956	0.1466E-01	152.5
411	323.0	1648.0	2.2	0.44332	0.2304E-01	1.21962	0.1473E-01	152.5
411	323.5	1648.5	2.3	0.44351	0.2346E-01	1.21967	0.1477E-01	152.2
411	324.0	1648.8	2.5	0.44365	0.2379E-01	1.21967	0.1477E-01	151.8
411	324.5	1648.2	2.2	0.44364	0.2377E-01	1.21969	0.1478E-01	151.5
411	325.0	1647.9	2.3	0.44375	0.2401E-01	1.21974	0.1482E-01	151.2
411	325.5	1648.2	2.3	0.44387	0.2424E-01	1.21974	0.1482E-01	150.9
411	326.0	1649.7	2.2	0.44397	0.2453E-01	1.21977	0.1485E-01	150.6
411	326.5	1649.3	2.3	0.44402	0.2465E-01	1.21963	0.1490E-01	150.1
411	327.0	1651.9	2.2	0.44416	0.2497E-01	1.21983	0.1490E-01	150.0
411	327.5	1651.7	2.5	0.44428	0.2524E-01	1.21986	0.1493E-01	149.4
411	328.0	1651.4	2.3	0.44435	0.2540E-01	1.21993	0.1498E-01	149.2
411	328.5	1652.9	2.1	0.44450	0.2575E-01	1.21996	0.1501E-01	149.9
411	329.0	1651.5	2.2	0.44455	0.2586E-01	1.21994	0.1499E-01	149.2
411	329.5	1651.3	2.3	0.44461	0.2600E-01	1.22001	0.1505E-01	148.2
411	330.0	1650.4	2.5	0.44472	0.2627E-01	1.22000	0.1504E-01	148.4
411	330.5	1651.9	2.1	0.44476	0.2634E-01	1.21991	0.1497E-01	148.2
411	331.0	1652.2	2.4	0.44495	0.2679E-01	1.21994	0.1499E-01	147.6
411	331.5	1652.4	2.4	0.44504	0.2699E-01	1.22000	0.1504E-01	147.8
411	332.0	1651.6	2.1	0.44507	0.2706E-01	1.22001	0.1505E-01	147.1
411	332.5	1651.6	2.3	0.44521	0.2734E-01	1.22006	0.1510E-01	147.2
411	333.0	1651.8	2.3	0.44533	0.2768E-01	1.22011	0.1514E-01	147.1
411	333.5	1650.7	2.5	0.44542	0.2788E-01	1.22012	0.1514E-01	146.7
411	334.0	1650.2	2.1	0.44546	0.2797E-01	1.22010	0.1513E-01	146.6
411	334.5	1648.6	2.4	0.44557	0.2823E-01	1.22010	0.1513E-01	145.5
411	335.0	1648.0	2.4	0.44565	0.2841E-01	1.22016	0.1517E-01	146.1
411	335.5	1647.6	2.2	0.44564	0.2838E-01	1.22016	0.1518E-01	145.8
411	336.0	1645.1	2.4	0.44572	0.2857E-01	1.22016	0.1518E-01	145.5
411	336.5	1647.6	2.2	0.44588	0.2895E-01	1.22019	0.1520E-01	146.1
411	337.0	1648.2	2.5	0.44588	0.2895E-01	1.22022	0.1523E-01	145.5
411	337.5	1648.2	2.1	0.44600	0.2922E-01	1.22027	0.1527E-01	145.4
411	338.0	1650.2	2.4	0.44616	0.2959E-01	1.22024	0.1524E-01	145.5
411	338.5	1650.3	2.5	0.44624	0.2977E-01	1.22031	0.1531E-01	146.0
411	339.0	1651.2	2.3	0.44642	0.3019E-01	1.22037	0.1535E-01	145.5
411	339.5	1650.4	2.3	0.44642	0.3017E-01	1.22035	0.1533E-01	145.5
411	340.0	1652.0	2.3	0.44647	0.3029E-01	1.22042	0.1539E-01	145.4
411	340.5	1650.1	2.4	0.44643	0.3020E-01	1.22039	0.1537E-01	145.4
411	341.0	1646.8	2.2	0.44675	0.3095E-01	1.22045	0.1541E-01	145.7
411	341.5	1645.8	2.2	0.44685	0.3118E-01	1.22045	0.1542E-01	145.0
411	342.0	1646.3	2.5	0.44682	0.3112E-01	1.22050	0.1546E-01	145.4
411	342.5	1650.0	2.2	0.44691	0.3131E-01	1.22050	0.1546E-01	145.8
411	343.0	1651.5	2.4	0.44706	0.3165E-01	1.22045	0.1541E-01	145.5
411	343.5	1651.8	2.3	0.44708	0.3174E-01	1.22056	0.1551E-01	145.7
411	344.0	1649.9	2.4	0.44724	0.3207E-01	1.22053	0.1548E-01	146.2
411	344.5	1650.4	2.4	0.44723	0.3206E-01	1.22053	0.1549E-01	146.2
411	345.0	1648.4	2.2	0.44729	0.3213E-01	1.22062	0.1556E-01	146.2
411	345.5	1649.1	2.3	0.44751	0.3278E-01	1.22059	0.1553E-01	146.6
411	346.0	1649.7	2.2	0.44759	0.3288E-01	1.22063	0.1557E-01	146.9

411	346.5	1650.4	2.3	0.44767	0.3306E-01	1.22062	0.1556E-01	146.6
411	347.0	1648.0	2.3	0.44779	0.3335E-01	1.22069	0.1562E-01	147.0
411	347.5	1648.6	2.2	0.44784	0.3345E-01	1.22068	0.1561E-01	147.4
411	348.0	1649.4	2.5	0.44804	0.3393E-01	1.22071	0.1563E-01	147.1
411	348.5	1649.4	2.4	0.44810	0.3405E-01	1.220831	0.15315E-02	147.3
411	349.0	1650.0	2.3	0.44815	0.3418E-01	1.22075	0.1567E-01	147.7
411	349.5	1649.3	2.3	0.44823	0.3436E-01	1.22073	0.1565E-01	147.7
411	350.0	1650.9	2.3	0.44830	0.3451E-01	1.22076	0.1568E-01	148.4
411	350.5	1649.4	2.4	0.44839	0.3474E-01	1.22081	0.1572E-01	148.5
411	351.0	1650.4	2.2	0.44843	0.3481E-01	1.22082	0.1573E-01	148.7
411	351.5	1652.0	2.5	0.44859	0.3519E-01	1.22086	0.1573E-01	148.5
411	352.0	1650.5	2.4	0.44865	0.3534E-01	1.22081	0.1572E-01	148.5
411	352.5	1651.7	2.1	0.44877	0.3560E-01	1.22091	0.1580E-01	148.7
411	353.0	1650.4	2.3	0.44882	0.3571E-01	1.22096	0.1584E-01	149.2
411	353.5	1650.1	2.2	0.44893	0.3598E-01	1.22098	0.1586E-01	149.5
411	354.0	1648.8	2.3	0.44908	0.3632E-01	1.22092	0.1581E-01	149.1
411	354.5	1649.0	2.1	0.44915	0.3647E-01	1.22099	0.1587E-01	149.2
411	355.0	1649.2	2.1	0.44920	0.3660E-01	1.22105	0.1592E-01	149.5
411	355.5	1649.4	2.4	0.44930	0.3682E-01	1.22102	0.1589E-01	149.2
411	356.0	1648.6	2.1	0.44939	0.3704E-01	1.22106	0.1593E-01	149.4
411	356.5	1647.3	2.2	0.44945	0.3715E-01	1.22113	0.1596E-01	149.5
411	357.0	1649.2	2.2	0.44956	0.3767E-01	1.22115	0.1600E-01	149.5
411	357.5	1650.0	2.3	0.44964	0.3770E-01	1.22113	0.1598E-01	150.1
411	358.0	1650.8	2.2	0.44985	0.3810E-01	1.22123	0.1606E-01	150.4
411	358.5	1649.4	2.1	0.45005	0.3857E-01	1.22117	0.1602E-01	150.4
411	359.0	1651.7	2.3	0.45007	0.3861E-01	1.22124	0.1603E-01	150.3
411	359.5	1651.0	2.2	0.45018	0.3886E-01	1.22124	0.1607E-01	150.4
411	360.0	1652.6	2.3	0.45029	0.3912E-01	1.22123	0.1606E-01	151.2
411	360.5	1652.5	2.3	0.45046	0.3951E-01	1.22126	0.1609E-01	151.0
411	361.0	1651.7	2.1	0.45038	0.3932E-01	1.22129	0.1611E-01	150.6
411	361.5	1649.2	2.4	0.45054	0.3969E-01	1.22127	0.1610E-01	151.2
411	362.0	1650.4	2.3	0.45073	0.4012E-01	1.22135	0.1617E-01	151.1
411	362.5	1648.7	2.3	0.45072	0.4011E-01	1.22135	0.1616E-01	151.6
411	363.0	1648.9	2.3	0.45089	0.4050E-01	1.22134	0.1616E-01	151.6
411	363.5	1649.1	2.2	0.45084	0.4038E-01	1.22136	0.1613E-01	151.3
411	364.0	1650.2	2.5	0.45096	0.4066E-01	1.22139	0.1620E-01	150.8
411	364.5	1651.4	2.1	0.45108	0.4095E-01	1.22143	0.1624E-01	151.6
411	365.0	1650.3	2.4	0.45122	0.4126E-01	1.22138	0.1619E-01	151.4
411	365.5	1648.9	2.4	0.45132	0.4150E-01	1.22143	0.1624E-01	151.9
411	366.0	1649.4	2.3	0.45138	0.4163E-01	1.22141	0.1621E-01	152.2
411	366.5	1648.5	2.3	0.45148	0.4186E-01	1.22151	0.1630E-01	151.9
411	367.0	1648.8	2.3	0.45162	0.4219E-01	1.22149	0.1628E-01	152.4
411	367.5	1649.0	2.5	0.45176	0.4250E-01	1.22144	0.1624E-01	152.6
411	368.0	1647.5	2.2	0.45190	0.4281E-01	1.22142	0.1623E-01	151.8
411	368.5	1648.5	2.2	0.45195	0.4294E-01	1.22147	0.1627E-01	152.5
411	369.0	1649.2	2.5	0.45213	0.4335E-01	1.22149	0.1628E-01	152.8
411	369.5	1650.4	2.2	0.45215	0.4340E-01	1.22149	0.1629E-01	153.3
411	370.0	1650.8	2.3	0.45227	0.4368E-01	1.22156	0.1634E-01	152.7
411	370.5	1651.0	2.3	0.45236	0.4389E-01	1.22163	0.1640E-01	152.6
411	371.0	1648.7	2.4	0.45249	0.4419E-01	1.22160	0.1637E-01	152.9
411	371.5	1650.1	2.3	0.45260	0.4443E-01	1.22155	0.1642E-01	152.2
411	372.0	1650.2	2.1	0.45265	0.4457E-01	1.22166	0.1642E-01	153.7
411	372.5	1648.2	2.5	0.45281	0.4493E-01	1.22169	0.1645E-01	153.6
411	373.0	1648.7	2.2	0.45281	0.4493E-01	1.22173	0.1646E-01	153.3
411	373.5	1650.6	2.2	0.45297	0.4530E-01	1.22172	0.1647E-01	153.7
411	374.0	1649.9	2.1	0.45295	0.4525E-01	1.22169	0.1645E-01	153.5
411	374.5	1651.3	2.3	0.45313	0.4566E-01	1.22182	0.1656E-01	153.5
411	375.0	1651.5	2.4	0.45333	0.4612E-01	1.22174	0.1649E-01	154.3
411	375.5	1650.1	2.2	0.45335	0.4616E-01	1.22181	0.1655E-01	153.9
411	376.0	1648.7	2.4	0.45347	0.4645E-01	1.22180	0.1654E-01	153.4

411	376.5	1649.4	2.3	0.45354	0.4660E-01	1.22121	0.1655E-01	154.3
411	377.0	1651.5	2.3	0.45367	0.4692E-01	1.22179	0.1654E-01	153.6
411	377.5	1648.5	2.5	0.45374	0.4720E-01	1.22144	0.1657E-01	154.0
411	378.0	1647.9	2.2	0.45385	0.4732E-01	1.22149	0.1662E-01	154.3
411	378.5	1646.4	2.4	0.45401	0.4771E-01	1.22165	0.1659E-01	154.5
411	379.0	1646.3	2.3	0.45405	0.4775E-01	1.22166	0.1651E-01	154.4
411	379.5	1647.4	2.2	0.45425	0.4825E-01	1.22193	0.1666E-01	154.1
411	380.0	1650.3	2.3	0.45424	0.4834E-01	1.22193	0.1665E-01	154.4
411	380.5	1651.2	2.2	0.45447	0.4874E-01	1.22200	0.1671E-01	154.5
411	381.0	1651.6	2.4	0.45453	0.4889E-01	1.22197	0.1666E-01	154.9
411	381.5	1651.5	2.1	0.45467	0.4922E-01	1.22191	0.1663E-01	154.3
411	382.0	1651.2	2.2	0.45463	0.4913E-01	1.22207	0.1676E-01	154.7
411	382.5	1650.9	2.4	0.45490	0.4974E-01	1.22204	0.1674E-01	154.6
411	383.0	1651.7	2.1	0.45494	0.4983E-01	1.22212	0.1681E-01	155.0
411	383.5	1652.6	2.2	0.45502	0.5003E-01	1.22206	0.1676E-01	155.2
411	384.0	1652.0	2.1	0.45505	0.5010E-01	1.22208	0.1678E-01	154.8
411	384.5	1652.1	2.2	0.45523	0.5051E-01	1.22214	0.1682E-01	155.3
411	385.0	1651.4	2.2	0.45525	0.5057E-01	1.22209	0.1678E-01	155.4
411	385.5	1650.9	2.0	0.45553	0.5119E-01	1.22215	0.1684E-01	155.1
411	386.0	1649.3	2.3	0.45551	0.5116E-01	1.22219	0.1686E-01	155.6
411	386.5	1649.1	2.1	0.45571	0.5161E-01	1.22215	0.1683E-01	155.4
411	387.0	1647.5	2.2	0.45572	0.5164E-01	1.22220	0.1688E-01	155.4
411	387.5	1648.7	2.2	0.45593	0.5212E-01	1.22215	0.1684E-01	155.4
411	388.0	1649.2	2.0	0.45591	0.5209E-01	1.22218	0.1686E-01	155.5
411	388.5	1649.0	2.3	0.45612	0.5257E-01	1.22223	0.1690E-01	155.2
411	389.0	1646.6	2.0	0.45621	0.5277E-01	1.22225	0.1691E-01	154.6
411	389.5	1648.1	2.1	0.45624	0.5294E-01	1.22220	0.1687E-01	154.9
411	390.0	1647.8	2.1	0.45636	0.5311E-01	1.22219	0.1687E-01	154.2
411	390.5	1648.5	2.1	0.45645	0.5333E-01	1.22230	0.1696E-01	154.6
411	391.0	1650.9	2.3	0.45669	0.5389E-01	1.22236	0.1700E-01	153.7
411	391.5	1653.1	1.9	0.45676	0.5405E-01	1.22235	0.1700E-01	154.3
411	392.0	1653.7	2.2	0.45682	0.5419E-01	1.22237	0.1701E-01	154.4
411	392.5	1652.8	2.2	0.45704	0.5466E-01	1.22240	0.1704E-01	153.8
411	393.0	1652.9	2.1	0.45706	0.5473E-01	1.22239	0.1703E-01	154.0
411	393.5	1652.6	2.2	0.45717	0.5499E-01	1.22246	0.1710E-01	153.7
411	394.0	1652.3	2.2	0.45714	0.5492E-01	1.22251	0.1713E-01	153.5
411	394.5	1652.6	2.4	0.45736	0.5543E-01	1.22249	0.1712E-01	153.6
411	395.0	1651.5	2.0	0.45746	0.5565E-01	1.22247	0.1710E-01	153.3
411	395.5	1651.0	2.1	0.45754	0.5585E-01	1.22251	0.1713E-01	153.0
411	396.0	1652.6	2.3	0.45768	0.5618E-01	1.22247	0.1710E-01	152.9
411	396.5	1651.0	2.2	0.45769	0.5619E-01	1.22249	0.1711E-01	152.7
411	397.0	1649.7	2.3	0.45787	0.5660E-01	1.22252	0.1714E-01	152.7
411	397.5	1647.8	2.1	0.45798	0.5685E-01	1.22254	0.1716E-01	153.0
411	398.0	1649.3	2.3	0.45821	0.5739E-01	1.22249	0.1711E-01	152.4
411	398.5	1649.6	2.2	0.45829	0.5756E-01	1.22254	0.1716E-01	152.9
411	399.0	1651.5	2.0	0.45832	0.5784E-01	1.22256	0.1717E-01	152.7
411	399.5	1649.6	2.3	0.45848	0.5800E-01	1.22258	0.1719E-01	152.5
411	400.0	1648.4	2.1	0.45854	0.5815E-01	1.22264	0.1724E-01	152.0
411	400.5	1649.4	2.3	0.45869	0.5850E-01	1.22264	0.1724E-01	152.1
411	401.0	1648.6	2.2	0.45880	0.5875E-01	1.22271	0.1730E-01	151.7
411	401.5	1651.3	2.2	0.45886	0.5888E-01	1.22267	0.1726E-01	151.9
411	402.0	1648.6	2.4	0.45890	0.5899E-01	1.22270	0.1729E-01	151.7
411	402.5	1647.7	2.2	0.45900	0.5902E-01	1.22276	0.1734E-01	151.5
411	403.0	1649.1	2.2	0.45910	0.5945E-01	1.22266	0.1726E-01	151.4
411	403.5	1651.4	2.2	0.45925	0.5978E-01	1.22279	0.1736E-01	151.4
411	404.0	1652.5	2.2	0.45925	0.5994E-01	1.22278	0.1736E-01	151.5
411	404.5	1651.9	2.5	0.45945	0.6025E-01	1.22281	0.1738E-01	150.5
411	405.0	1651.7	2.1	0.45955	0.6047E-01	1.22289	0.1745E-01	151.3
411	405.5	1651.0	2.3	0.45964	0.6069E-01	1.22284	0.1741E-01	151.5
411	406.0	1650.2	2.3	0.45973	0.6089E-01	1.22283	0.1740E-01	151.3

411	406.5	1649.5	2.2	0.45992	0.6134E-01	1.22282	0.1744E-01	151.1
411	407.0	1648.7	2.2	0.46000	0.6152E-01	1.22283	0.1740E-01	151.2
411	407.5	1649.2	2.2	0.46010	0.6170E-01	1.22290	0.1749E-01	151.0
411	408.0	1649.5	2.4	0.46019	0.6197E-01	1.22286	0.1742E-01	151.0
411	408.5	1649.9	2.3	0.46031	0.6224E-01	1.22292	0.1746E-01	150.9
411	409.0	1651.0	2.1	0.46039	0.6243E-01	1.22295	0.1750E-01	150.5
411	409.5	1651.3	2.5	0.46055	0.6279E-01	1.22292	0.1747E-01	151.0
411	410.0	1649.5	2.2	0.46050	0.6291E-01	1.22299	0.1753E-01	150.5
411	410.5	1650.9	2.4	0.46069	0.6310E-01	1.22298	0.1752E-01	150.4
411	411.0	1649.2	2.4	0.46084	0.6346E-01	1.22294	0.1749E-01	150.1
411	411.5	1650.2	2.0	0.46089	0.6358E-01	1.22301	0.1755E-01	150.2
411	412.0	1649.0	2.4	0.46109	0.6405E-01	1.22306	0.1759E-01	149.4

416	320.5	1798.1	3.8	0.43859	0.1174E-01	1.22204	0.1395E-01	152.5
416	321.0	1798.7	3.9	0.43857	0.1170E-01	1.22207	0.1398E-01	152.7
416	321.5	1799.5	3.8	0.43858	0.1172E-01	1.22209	0.1400E-01	152.5
416	322.0	1801.2	3.9	0.43860	0.1176E-01	1.22207	0.1298E-01	152.6
416	322.5	1801.4	4.1	0.43856	0.1167E-01	1.22198	0.1390E-01	153.3
416	323.0	1801.4	3.7	0.43851	0.1156E-01	1.22210	0.1400E-01	152.4
416	323.5	1802.0	3.7	0.43858	0.1172E-01	1.22200	0.1392E-01	152.4
416	324.0	1800.7	4.0	0.43856	0.1167E-01	1.22203	0.1395E-01	152.3
416	324.5	1801.0	3.8	0.43858	0.1173E-01	1.22202	0.1393E-01	152.9
416	325.0	1800.6	3.9	0.43859	0.1176E-01	1.22199	0.1391E-01	152.2
416	325.5	1807.0	3.8	0.43920	0.1316E-01	1.22229	0.1416E-01	150.7
416	326.0	1806.6	3.9	0.43936	0.1352E-01	1.22240	0.1425E-01	150.8
416	326.5	1806.4	3.8	0.43945	0.1373E-01	1.22189	0.1136E-01	150.7
416	327.0	1803.9	3.8	0.43959	0.1406E-01	1.22241	0.1426E-01	150.6
416	327.5	1802.3	4.1	0.43951	0.1409E-01	1.22235	0.1421E-01	150.5
416	328.0	1802.3	3.9	0.43958	0.1403E-01	1.22236	0.1422E-01	150.4
416	328.5	1799.4	4.0	0.43970	0.1430E-01	1.22227	0.1414E-01	150.4
416	329.0	1799.1	4.2	0.43974	0.1439E-01	1.22235	0.1421E-01	150.7
416	329.5	1798.4	3.9	0.43981	0.1456E-01	1.22236	0.1424E-01	150.4
416	330.0	1798.0	4.0	0.43947	0.1470E-01	1.22234	0.1420E-01	150.1
416	330.5	1798.0	4.3	0.43941	0.1479E-01	1.22223	0.1411E-01	150.0
416	331.0	1799.9	4.1	0.44001	0.1503E-01	1.22235	0.1421E-01	150.3
416	331.5	1800.7	4.0	0.44015	0.1535E-01	1.22228	0.1415E-01	149.6
416	332.0	1801.6	3.8	0.44022	0.1550E-01	1.22225	0.1413E-01	149.9
416	332.5	1801.5	4.0	0.44042	0.1598E-01	1.22221	0.1410E-01	150.0
416	333.0	1800.7	3.9	0.44049	0.1613E-01	1.22223	0.1411E-01	149.8
416	333.5	1800.0	3.9	0.44062	0.1644E-01	1.22219	0.1407E-01	149.6
416	334.0	1799.7	4.2	0.44077	0.1677E-01	1.22219	0.1409E-01	149.6
416	334.5	1799.7	3.8	0.44049	0.1704E-01	1.22207	0.1396E-01	149.4
416	335.0	1798.5	4.1	0.44116	0.1769E-01	1.17762	-0.2124E-01	149.2
416	335.5	1799.4	3.9	0.44128	0.1795E-01	1.22199	0.1391E-01	149.5
416	336.0	1799.9	3.9	0.44145	0.1837E-01	1.22205	0.1396E-01	149.0
416	336.5	1801.2	3.9	0.44173	0.1898E-01	1.22194	0.1391E-01	148.6
416	337.0	1800.6	3.8	0.44204	0.1971E-01	1.22145	0.1382E-01	149.0
416	337.5	1799.3	4.1	0.44232	0.2035E-01	1.22055	0.1272E-01	149.1
416	338.0	1799.4	3.8	0.44263	0.2105E-01	1.22186	0.1381E-01	149.1
416	338.5	1799.0	4.1	0.44300	0.2192E-01	1.22139	0.1508E-01	148.1
416	339.0	1800.3	4.1	0.44222	0.2011E-01	1.22063	0.1278E-01	149.3
416	339.5	1801.0	3.9	0.44387	0.2393E-01	1.22181	0.1376E-01	148.7
416	340.0	1801.5	4.0	0.44564	0.2809E-01	1.22169	0.1366E-01	148.5
416	340.5	1802.1	3.9	0.44617	0.2923E-01	1.22155	0.1363E-01	148.7
416	341.0	1801.9	4.1	0.44677	0.3061E-01	1.22171	0.1366E-01	148.7
416	341.5	1801.8	3.8	0.44708	0.3133E-01	1.22149	0.1366E-01	148.3
416	342.0	1801.5	3.9	0.44770	0.3276E-01	1.22171	0.1366E-01	148.0
416	342.5	1801.6	4.1	0.44818	0.3387E-01	1.22151	0.1376E-01	148.5
416	343.0	1802.6	3.9	0.44810	0.3377E-01	1.22175	0.1374E-01	148.4
416	343.5	1802.7	4.0	0.44920	0.3622E-01	1.22175	0.1374E-01	148.1
416	344.0	1802.0	3.6	-9.99900	-0.9999E+04	1.22393	0.1552E-01	148.0
416	344.5	1800.9	3.9	0.45054	0.3931E-01	1.22189	0.1383E-01	147.9
416	345.0	1801.4	3.6	-9.99900	-0.9999E+04	1.22202	0.1394E-01	148.2
416	345.5	1801.7	3.7	-9.99900	-0.9999E+04	1.22205	0.1399E-01	148.0
416	346.0	1804.3	4.1	-9.99900	-0.9999E+04	1.22217	0.1406E-01	148.5
416	346.5	1803.7	3.4	-9.99900	-0.9999E+04	1.22229	0.1415E-01	147.6
416	347.0	1805.7	4.1	-9.99900	-0.9999E+04	1.22241	0.1426E-01	148.0
416	347.5	1805.9	3.9	-9.99900	-0.9999E+04	1.22254	0.1445E-01	148.3
416	348.0	1805.5	3.6	-9.99900	-0.9999E+04	1.22275	0.1454E-01	147.4
416	348.5	1805.3	3.9	-9.99900	-0.9999E+04	1.22283	0.1461E-01	147.6
416	349.0	1804.1	3.8	-9.99900	-0.9999E+04	1.22304	0.1476E-01	147.8
416	349.5	1805.4	3.9	-9.99900	-0.9999E+04	1.22316	0.1489E-01	148.1
416	350.0	1805.0	3.7	0.46100	0.6345E-01	1.22330	0.1500E-01	148.4

416	350.5	1805.1	3.9	0.46246	0.6666E-01	1.22339	0.1506E-01	147.9
416	351.0	1803.7	4.2	0.46203	0.7042E-01	1.22365	0.1529E-01	147.6
416	351.5	1804.2	3.7	0.46559	0.7444E-01	1.22370	0.1533E-01	147.4
416	352.0	1804.6	3.9	0.46725	0.7746E-01	1.22388	0.1548E-01	147.4
416	352.5	1804.9	3.8	0.46905	0.8201E-01	1.22046	0.1251E-01	147.4
416	353.0	1807.0	3.8	0.47025	0.8617E-01	1.22433	0.1555E-01	147.9
416	353.5	1808.6	3.8	0.47235	0.9077E-01	1.22437	0.1568E-01	147.6
416	354.0	1808.5	3.6	0.47522	0.9523E-01	1.22449	0.1596E-01	147.6
416	354.5	1811.1	4.0	0.47751	0.1015E+00	1.22473	0.1616E-01	148.1
416	355.0	1811.6	3.6	0.48036	0.1081E+00	1.22480	0.1624E-01	148.6
416	355.5	1812.1	3.7	0.48331	0.1149E+00	1.22491	0.1634E-01	148.3
416	356.0	1805.4	3.9	0.48536	0.1195E+00	1.22506	0.1646E-01	146.6
416	356.5	1716.4	3.7	0.48539	0.1197E+00	1.22418	0.1573E-01	141.4
416	357.0	1653.4	4.6	0.48524	0.1194E+00	1.22852	0.1941E-01	135.3
416	357.5	1627.2	4.9	0.48989	0.1301E+00	1.22432	0.1584E-01	131.0
416	358.0	1620.2	5.0	0.48520	0.1193E+00	1.22452	0.1609E-01	127.4
416	358.5	1618.0	4.9	0.48519	0.1193E+00	1.22470	0.1621E-01	124.6

417	508.5	1798.8	4.0	0.44080	0.1550E-01	1.21011	0.1629E-01	151.3
417	509.0	1799.4	4.2	0.44082	0.1555E-01	1.21018	0.1635E-01	151.5
417	509.5	1799.0	3.9	0.44072	0.1531E-01	1.21012	0.1630E-01	151.0
417	510.0	1798.8	4.1	0.44070	0.1528E-01	1.21009	0.1628E-01	151.6
417	510.5	1798.5	4.0	0.44064	0.1523E-01	1.21009	0.1627E-01	151.3
417	511.0	1798.6	4.1	0.44073	0.1534E-01	1.21005	0.1624E-01	151.2
417	511.5	1797.9	4.0	0.44093	0.1540E-01	1.21008	0.1626E-01	150.7
417	512.0	1798.1	4.0	0.44081	0.1553E-01	1.21011	0.1629E-01	151.3
417	512.5	1797.3	4.2	0.44070	0.1500E-01	1.21005	0.1625E-01	151.2
417	513.0	1798.3	4.0	0.44071	0.1529E-01	1.21011	0.1629E-01	151.5
417	513.5	1799.1	4.3	0.44109	0.1616E-01	1.21019	0.1627E-01	149.5
417	514.0	1800.3	4.1	0.44111	0.1622E-01	1.21016	0.1633E-01	150.0
417	514.5	1799.0	4.1	0.44120	0.1641E-01	1.21021	0.1638E-01	149.9
417	515.0	1799.2	4.1	0.44127	0.1658E-01	1.21018	0.1635E-01	150.1
417	515.5	1799.9	4.1	0.44115	0.1630E-01	1.21013	0.1631E-01	150.0
417	516.0	1799.7	4.2	0.44118	0.1637E-01	1.21032	0.1647E-01	148.9
417	516.5	1800.1	4.0	0.44122	0.1646E-01	1.21232	0.1615E-01	150.4
417	517.0	1799.6	4.2	0.44128	0.1661E-01	1.21012	0.1630E-01	150.0
417	517.5	1799.3	4.1	0.44131	0.1667E-01	1.21015	0.1632E-01	150.3
417	518.0	1799.9	4.0	0.44135	0.1676E-01	1.21031	0.1646E-01	149.7
417	518.5	1800.1	4.1	0.44143	0.1695E-01	1.21034	0.1648E-01	150.3
417	519.0	1799.4	4.0	0.44135	0.1677E-01	1.21030	0.1645E-01	149.9
417	519.5	1800.4	4.3	0.44139	0.1685E-01	1.21018	0.1635E-01	150.4
417	520.0	1799.7	4.0	0.44137	0.1682E-01	1.21028	0.1644E-01	150.0
417	520.5	1799.4	4.2	0.44145	0.1700E-01	1.21034	0.1648E-01	150.4
417	521.0	1799.2	4.1	0.44144	0.1696E-01	1.21024	0.1640E-01	150.0
417	521.5	1800.0	3.9	0.44152	0.1716E-01	1.21029	0.1644E-01	149.6
417	522.0	1801.1	4.2	0.44148	0.1706E-01	1.21029	0.1644E-01	150.2
417	522.5	1801.7	3.9	0.44146	0.1703E-01	1.21032	0.1647E-01	149.0
417	523.0	1800.8	4.2	0.44139	0.1685E-01	1.21035	0.1650E-01	150.4
417	523.5	1800.3	3.9	0.44146	0.1703E-01	1.21038	0.1652E-01	149.9
417	524.0	1800.5	4.1	0.44151	0.1713E-01	1.21031	0.1646E-01	150.3
417	524.5	1800.0	4.2	0.44151	0.1713E-01	1.21024	0.1640E-01	150.2
417	525.0	1799.6	4.0	0.44153	0.1719E-01	1.21035	0.1649E-01	150.4
417	525.5	1799.0	4.1	0.44151	0.1713E-01	1.21034	0.1649E-01	150.3
417	526.0	1799.4	4.1	0.44155	0.1724E-01	1.21038	0.1652E-01	150.4
417	526.5	1798.4	4.1	0.44154	0.1721E-01	1.21042	0.1655E-01	150.4
417	527.0	1798.0	4.1	0.44149	0.1709E-01	1.21040	0.1654E-01	150.0
417	527.5	1797.6	4.0	0.44152	0.1716E-01	1.19903	0.6988E-02	149.5
417	528.0	1797.4	4.3	0.44150	0.1712E-01	1.21043	0.1656E-01	150.5
417	528.5	1798.5	4.0	0.44154	0.1731E-01	1.21044	0.1658E-01	150.2
417	529.0	1799.8	4.1	0.44154	0.1721E-01	1.21046	0.1658E-01	150.3
417	529.5	1800.5	4.1	0.44166	0.1749E-01	1.21043	0.1658E-01	150.3
417	530.0	1799.6	4.1	0.44163	0.1740E-01	1.21050	0.1662E-01	150.2
417	530.5	1799.3	4.0	0.44163	0.1740E-01	1.21046	0.1658E-01	150.6
417	531.0	1799.7	3.9	0.44155	0.1724E-01	1.21048	0.1660E-01	150.4
417	531.5	1799.9	4.2	0.44153	0.1718E-01	1.21047	0.1659E-01	149.7
417	532.0	1799.3	4.0	0.44163	0.1740E-01	1.21050	0.1662E-01	150.0
417	532.5	1799.5	4.1	0.44164	0.1752E-01	1.21049	0.1661E-01	150.1
417	533.0	1800.3	4.2	0.44167	0.1750E-01	1.21052	0.1663E-01	150.3
417	533.5	1800.1	4.2	0.44160	0.1734E-01	1.21052	0.1672E-01	150.4
417	534.0	1800.5	4.2	0.44166	0.1745E-01	1.21057	0.1666E-01	150.7
417	534.5	1799.9	4.0	0.44169	0.1755E-01	1.21055	0.1666E-01	150.8
417	535.0	1799.7	4.1	0.44172	0.1761E-01	1.20008	0.7853E-02	150.7
417	535.5	1800.4	4.0	0.44167	0.1750E-01	1.21209	0.1795E-01	150.1
417	536.0	1800.8	4.0	0.44173	0.1764E-01	1.21070	0.1679E-01	150.0
417	536.5	1801.7	4.2	0.44172	0.1761E-01	1.21073	0.1682E-01	150.2
417	537.0	1801.2	3.9	0.44175	0.1766E-01	1.21070	0.1678E-01	149.5
417	537.5	1799.9	4.2	0.44164	0.1745E-01	1.21066	0.1676E-01	150.4
417	538.0	1799.5	4.1	0.44179	0.1779E-01	1.21076	0.1684E-01	150.1

417	538.5	1800.4	4.0	0.44183	0.1783E-01	1.21078	0.1685E-01	150.7
417	539.0	1801.4	4.1	0.44176	0.1771E-01	1.21075	0.1683E-01	150.8
417	539.5	1801.4	4.0	0.44172	0.1762E-01	1.21075	0.1683E-01	150.7
417	540.0	1801.0	4.3	0.44181	0.1782E-01	1.21085	0.1691E-01	150.9
417	540.5	1801.2	3.9	0.44181	0.1783E-01	1.21075	0.1683E-01	151.0
417	541.0	1800.8	4.2	0.44177	0.1773E-01	1.21073	0.1681E-01	150.6
417	541.5	1799.0	4.1	0.44177	0.1773E-01	1.21089	0.1695E-01	150.7
417	542.0	1799.5	4.1	0.44178	0.1776E-01	1.21083	0.1689E-01	151.1
417	542.5	1799.5	4.1	0.44175	0.1770E-01	1.21092	0.1697E-01	151.0
417	543.0	1798.5	4.1	0.44173	0.1764E-01	1.21095	0.1700E-01	150.3
417	543.5	1798.6	4.3	0.44181	0.1783E-01	1.21103	0.1706E-01	150.0
417	544.0	1798.5	4.1	0.44192	0.1807E-01	1.21093	0.1698E-01	150.0
417	544.5	1798.1	4.2	0.44187	0.1797E-01	1.21104	0.1707E-01	150.3
417	545.0	1798.6	4.3	0.44195	0.1815E-01	1.21107	0.1710E-01	150.3
417	545.5	1799.4	4.0	0.44182	0.1785E-01	1.21113	0.1715E-01	150.6
417	546.0	1799.2	4.1	0.44201	0.1828E-01	1.21105	0.1711E-01	150.8
417	546.5	1799.3	4.1	0.44199	0.1825E-01	1.21119	0.1720E-01	150.6
417	547.0	1799.6	4.3	0.44202	0.1831E-01	1.21125	0.1725E-01	150.1
417	547.5	1799.3	3.9	0.44208	0.1845E-01	1.21131	0.1730E-01	150.6
417	548.0	1799.6	4.3	0.44205	0.1837E-01	1.21137	0.1735E-01	150.7
417	548.5	1800.6	4.3	0.44208	0.1845E-01	1.21139	0.1737E-01	150.8
417	549.0	1801.5	4.1	0.44213	0.1857E-01	1.21145	0.1742E-01	150.7
417	549.5	1800.4	4.0	0.44218	0.1864E-01	1.21152	0.1747E-01	150.4
417	550.0	1800.1	4.0	0.44223	0.1880E-01	1.21155	0.1750E-01	150.9
417	550.5	1800.0	4.2	0.44226	0.1885E-01	1.21165	0.1759E-01	150.8
417	551.0	1801.5	4.0	0.44224	0.1882E-01	1.21172	0.1765E-01	151.2
417	551.5	1801.7	4.0	0.44224	0.1882E-01	1.21179	0.1771E-01	150.7
417	552.0	1800.6	4.3	0.44224	0.1882E-01	1.21182	0.1773E-01	151.5
417	552.5	1799.2	3.9	0.44235	0.1907E-01	1.21205	0.1792E-01	150.4
417	553.0	1799.1	4.1	0.44238	0.1913E-01	1.21217	0.1802E-01	151.4
417	553.5	1798.3	4.1	0.44241	0.1921E-01	1.21222	0.1806E-01	150.8
417	554.0	1798.1	4.1	0.44247	0.1936E-01	1.21232	0.1815E-01	150.7
417	554.5	1799.6	4.0	0.44262	0.1969E-01	1.21238	0.1820E-01	150.7
417	555.0	1800.2	4.0	0.44258	0.1961E-01	1.21247	0.1828E-01	150.1
417	555.5	1800.1	4.2	0.44277	0.2004E-01	1.21384	0.1942E-01	151.0
417	556.0	1799.6	3.9	0.44286	0.2024E-01	1.21255	0.1835E-01	150.7
417	556.5	1799.9	4.1	0.44273	0.1994E-01	1.21278	0.1853E-01	150.5
417	557.0	1800.1	4.1	0.44291	0.2036E-01	1.21282	0.1857E-01	150.4
417	557.5	1800.7	4.0	0.44302	0.2061E-01	1.21302	0.1874E-01	150.3
417	558.0	1801.5	4.1	0.44310	0.2081E-01	1.21310	0.1881E-01	150.7
417	558.5	1800.6	3.7	0.44329	0.2124E-01	1.21310	0.1881E-01	150.2
417	559.0	1802.8	4.1	0.44340	0.2148E-01	1.21297	0.1870E-01	150.5
417	559.5	1801.5	3.7	0.44345	0.2150E-01	1.21300	0.1872E-01	149.9
417	560.0	1786.4	4.0	0.44341	0.2152E-01	1.21242	0.1823E-01	145.4
417	560.5	1726.9	4.3	0.44323	0.2109E-01	1.21214	0.1800E-01	139.5
417	561.0	1687.2	4.7	0.44303	0.2063E-01	1.21191	0.1780E-01	135.7
417	561.5	1663.8	4.9	0.44297	0.2051E-01	1.21190	0.1780E-01	130.3
417	562.0	1654.5	5.0	0.44301	0.2060E-01	1.21186	0.1776E-01	127.2
417	562.5	1649.7	5.3	0.44314	0.2090E-01	1.21179	0.1770E-01	124.5
417	563.0	1648.1	5.1	0.44305	0.2069E-01	1.21183	0.1773E-01	122.1
417	563.5	1650.4	5.5	0.44315	0.2091E-01	1.21199	0.1787E-01	120.3
417	564.0	1652.2	5.2	0.44320	0.2103E-01	1.21219	0.1804E-01	118.1
417	564.5	1652.3	5.2	0.44326	0.2110E-01	1.21203	0.1790E-01	116.7
417	565.0	1649.9	5.3	0.44317	0.2097E-01	1.21211	0.1797E-01	115.3
417	565.5	1652.7	4.9	0.44332	0.2131E-01	1.21203	0.1790E-01	119.0
417	566.0	1691.6	5.1	0.44334	0.2136E-01	1.21227	0.1810E-01	122.7
417	566.5	1732.5	4.8	0.44340	0.2149E-01	1.21257	0.1836E-01	126.0

421	341.5	1999.7	5.1	0.43994	0.1462E-01	1.21745	0.1547E-01	152.9
421	342.0	2000.0	5.3	0.44004	0.1485E-01	1.21679	0.1509E-01	152.3
421	342.5	1997.7	5.0	0.44005	0.1488E-01	1.21659	0.1501E-01	152.4
421	343.0	1996.2	5.1	0.43997	0.1470E-01	1.21698	0.1508E-01	152.3
421	343.5	2000.2	5.3	0.44007	0.1492E-01	1.21626	0.1499E-01	152.2
421	344.0	2000.3	5.0	0.44000	0.1475E-01	1.21696	0.1506E-01	152.0
421	344.5	2000.2	5.4	0.44001	0.1479E-01	1.21692	0.1503E-01	152.2
421	345.0	1997.8	5.3	0.44002	0.1482E-01	1.21696	0.1507E-01	152.1
421	345.5	1996.3	5.1	0.44001	0.1479E-01	1.21693	0.1503E-01	152.0
421	346.0	1998.3	5.7	0.44009	0.1497E-01	1.21710	0.1516E-01	149.3
421	346.5	2024.8	5.5	0.44063	0.1621E-01	1.21553	0.1470E-01	150.8
421	347.0	2031.0	5.4	0.44067	0.1631E-01	1.21785	0.1580E-01	150.1
421	347.5	2033.0	5.4	0.44140	0.1799E-01	1.21766	0.1564E-01	150.6
421	348.0	2028.9	5.2	0.44181	0.1893E-01	1.21758	0.1558E-01	150.3
421	348.5	2026.3	5.2	0.44232	0.2011E-01	1.21883	0.1478E-01	150.5
421	349.0	2022.6	5.1	0.44295	0.2158E-01	1.21752	0.1553E-01	150.4
421	349.5	2021.7	5.2	0.44359	0.2304E-01	1.21745	0.1547E-01	149.9
421	350.0	2018.2	5.3	0.44417	0.2439E-01	1.21735	0.1539E-01	150.4
421	350.5	2016.1	5.1	0.44495	0.2618E-01	1.21717	0.1524E-01	150.0
421	351.0	2015.0	5.4	0.44556	0.2759E-01	1.19252	-0.5326E-02	149.8
421	351.5	2016.6	5.4	0.44629	0.2928E-01	1.21708	0.1518E-01	149.5
421	352.0	2013.6	5.3	0.44688	0.3064E-01	1.21972	0.1737E-01	149.7
421	352.5	2017.1	5.5	0.44633	0.3397E-01	1.21651	0.1469E-01	149.6
421	353.0	1969.2	5.4	0.44688	0.3062E-01	1.21596	0.1423E-01	143.0
421	353.5	1919.9	5.4	0.44670	0.3020E-01	1.21567	0.1398E-01	137.5
421	354.0	1884.2	5.6	0.44651	0.2977E-01	1.21050	0.9672E-02	132.0
421	354.5	1851.3	5.4	0.44661	0.3001E-01	1.21520	0.1354E-01	129.4
421	355.0	1831.6	5.6	0.44640	0.2952E-01	1.21499	0.1342E-01	124.6
421	355.5	1813.1	5.3	0.44640	0.2952E-01	1.21499	0.1342E-01	122.6
421	356.0	1793.3	5.5	0.44635	0.2941E-01	1.19002	-0.7405E-02	120.0
421	356.5	1782.3	5.7	0.44629	0.2923E-01	1.22146	0.1917E-01	117.5
421	357.0	1774.7	5.6	0.44631	0.2931E-01	1.21214	0.1104E-01	115.1
421	357.5	1765.7	5.8	0.44622	0.2911E-01	1.21462	0.1311E-01	114.1
421	358.0	1761.7	5.7	0.44622	0.2911E-01	1.21444	0.1296E-01	112.4
421	358.5	1753.9	5.7	0.44625	0.2917E-01	1.21394	0.1254E-01	111.3
421	359.0	1746.9	6.0	0.44627	0.2922E-01	1.21442	0.1294E-01	110.0
421	359.5	1741.7	5.5	0.44633	0.2935E-01	1.21623	0.1446E-01	108.6
421	360.0	1738.7	5.6	0.44635	0.2941E-01	1.21708	0.1516E-01	106.0
421	360.5	1739.0	5.6	0.44627	0.2922E-01	1.21632	0.1453E-01	107.2
421	361.0	1730.2	5.4	0.44633	0.2937E-01	1.21451	0.1302E-01	106.9
421	361.5	1727.9	5.6	0.44612	0.2887E-01	1.21231	0.1116E-01	106.1
421	362.0	1725.0	5.3	0.44616	0.2902E-01	1.21362	0.1228E-01	104.9
421	362.5	1721.1	5.7	0.44634	0.2934E-01	1.21747	0.1591E-01	104.6
421	363.0	1723.8	5.7	0.44620	0.2907E-01	1.21722	0.1526E-01	103.5
421	363.5	1723.6	5.5	0.44625	0.2919E-01	1.21463	0.1312E-01	103.2
421	364.0	1726.9	5.9	0.44623	0.2913E-01	1.21465	0.1314E-01	102.5
421	364.5	1723.4	5.5	0.44623	0.2914E-01	1.21467	0.1315E-01	102.4
421	365.0	1719.4	5.6	0.44623	0.2914E-01	1.21462	0.1311E-01	100.8
421	365.5	1719.4	5.7	0.44635	0.2940E-01	1.21065	0.1313E-01	100.4
421	366.0	1738.7	5.6	0.44635	0.2941E-01	1.21708	0.1516E-01	106.0
421	366.5	1739.0	5.6	0.44627	0.2922E-01	1.21632	0.1453E-01	107.2
421	367.0	1730.2	5.4	0.44633	0.2937E-01	1.21451	0.1302E-01	106.9
421	367.5	1727.9	5.6	0.44612	0.2887E-01	1.21231	0.1116E-01	106.1
421	368.0	1725.0	5.3	0.44616	0.2902E-01	1.21362	0.1228E-01	104.9

422	612.0	1999.5	5.5	0.50446	0.1531E-01	1.19649	0.1609E-01	151.4
422	612.5	2000.5	5.1	0.50424	0.1545E-01	1.19651	0.1611E-01	150.1
422	613.0	2000.9	4.9	0.50437	0.1564E-01	1.19649	0.1609E-01	150.6
422	613.5	1999.1	5.2	0.50431	0.1552E-01	1.19650	0.1610E-01	151.0
422	614.0	1999.1	5.1	0.50464	0.1614E-01	1.19644	0.1605E-01	150.5
422	614.5	1998.9	5.1	0.50437	0.1564E-01	1.19638	0.1600E-01	150.8
422	615.0	1999.5	5.3	0.50440	0.1582E-01	1.19630	0.1596E-01	150.9
422	615.5	1999.7	5.1	0.50450	0.1590E-01	1.19653	0.1612E-01	151.1
422	616.0	2000.0	5.1	0.50459	0.1608E-01	1.19654	0.1613E-01	150.9
422	616.5	1999.5	5.5	0.50471	0.1633E-01	1.19662	0.1620E-01	149.1
422	617.0	1999.1	5.7	0.50462	0.1614E-01	1.19659	0.1618E-01	149.3
422	617.5	1999.7	5.4	0.50469	0.1629E-01	1.19667	0.1625E-01	149.5
422	618.0	1999.2	5.8	0.50470	0.1650E-01	1.19662	0.1620E-01	149.6
422	618.5	1999.7	5.6	0.50462	0.1654E-01	1.19659	0.1618E-01	150.3
422	619.0	2000.1	5.4	0.50457	0.1605E-01	1.19658	0.1617E-01	150.7
422	619.5	2000.6	5.7	0.50464	0.1619E-01	1.19661	0.1619E-01	150.1
422	620.0	2001.1	5.7	0.50460	0.1611E-01	1.19661	0.1619E-01	150.2
422	620.5	2001.3	5.4	0.50437	0.1665E-01	1.19660	0.1618E-01	150.5
422	621.0	2001.2	5.9	0.50516	0.1723E-01	1.19659	0.1616E-01	150.2
422	621.5	1999.6	5.1	0.50470	0.1629E-01	1.19653	0.1612E-01	150.7
422	622.0	1998.9	5.6	0.50479	0.1649E-01	1.19656	0.1615E-01	150.6
422	622.5	1998.9	5.8	0.50497	0.1684E-01	1.19657	0.1616E-01	150.4
422	623.0	2000.7	6.0	0.50505	0.1700E-01	1.19658	0.1617E-01	150.3
422	623.5	2001.3	5.6	0.50486	0.1663E-01	1.19665	0.1612E-01	151.7
422	624.0	1999.6	5.4	0.50453	0.1597E-01	1.19657	0.1610E-01	151.0
422	624.5	2000.2	5.7	0.50491	0.1672E-01	1.19656	0.1615E-01	151.0
422	625.0	1999.8	5.5	0.50477	0.1644E-01	1.19654	0.1613E-01	151.2
422	625.5	1999.5	5.4	0.50503	0.1757E-01	1.19659	0.1616E-01	150.5
422	626.0	1999.5	5.1	0.50505	0.1700E-01	1.19654	0.1613E-01	151.7
422	626.5	2000.9	4.9	0.50521	0.1732E-01	1.19722	0.1671E-01	151.8
422	627.0	2001.3	5.6	0.50516	0.1722E-01	1.19651	0.1611E-01	151.6
422	627.5	2001.1	5.3	0.50494	0.1679E-01	1.19640	0.1601E-01	150.8
422	628.0	2000.2	6.0	0.50499	0.1686E-01	1.19652	0.1611E-01	151.0
422	628.5	1999.7	5.7	0.50490	0.1683E-01	1.19646	0.1606E-01	150.9
422	629.0	1998.0	5.6	0.50488	0.1686E-01	1.19652	0.1612E-01	151.9
422	629.5	1999.7	6.1	0.50510	0.1710E-01	1.19647	0.1608E-01	151.0
422	630.0	2000.7	5.6	0.50496	0.1683E-01	1.19642	0.1603E-01	151.7
422	630.5	2001.1	5.8	0.50512	0.1715E-01	1.19639	0.1601E-01	152.1
422	631.0	2003.0	5.7	0.50510	0.1712E-01	1.19637	0.1594E-01	151.6
422	631.5	2000.1	5.6	0.50533	0.1757E-01	1.19625	0.1584E-01	151.5
422	632.0	1999.0	5.4	0.50488	0.1667E-01	1.19632	0.1595E-01	151.7
422	632.5	1998.5	5.8	0.50506	0.1704E-01	1.19640	0.1601E-01	152.3
422	633.0	1999.3	5.8	0.50483	0.1657E-01	1.19630	0.1593E-01	152.3
422	633.5	1999.1	5.9	0.50462	0.1614E-01	1.19672	0.1626E-01	151.3
422	634.0	1954.7	6.0	0.50536	0.1754E-01	1.19654	0.1613E-01	146.0
422	634.5	1915.0	6.6	0.50531	0.1753E-01	1.19642	0.1603E-01	141.9
422	635.0	1915.1	7.8	0.50536	0.1762E-01	1.19645	0.1606E-01	137.3
422	635.5	1943.3	8.4	0.50535	0.1761E-01	1.19763	0.1627E-01	134.0
422	636.0	1970.2	7.2	0.50541	0.1773E-01	1.19723	0.1672E-01	132.4
422	636.5	1961.2	6.4	0.50556	0.1804E-01	1.19715	0.1666E-01	129.5
422	637.0	1979.6	5.9	0.50540	0.1772E-01	1.19702	0.1654E-01	127.9
422	637.5	1973.5	6.0	0.50560	0.1811E-01	1.19688	0.1692E-01	125.6
422	638.0	1957.2	6.4	0.50530	0.1751E-01	1.19657	0.1616E-01	124.2
422	638.5	1950.4	6.6	0.50562	0.1815E-01	1.19662	0.1620E-01	123.1
422	639.0	1950.3	7.5	0.50550	0.1791E-01	1.19669	0.1643E-01	122.5

K. 2: Oxidation Hardening Rate Tests Uniaxial Constant Load (1650°F)

412	208.							
412	203.0	1666.7	6.2	0.43574	0.4897E-02	1.21390	0.8033E-02	0.5
412	203.5	1666.3	6.3	0.43574	0.4897E-02	1.21403	0.8142E-02	0.5
412	204.0	1665.4	6.2	0.43571	0.4822E-02	1.21406	0.8181E-02	0.5
412	204.5	1665.0	6.2	0.43569	0.4770E-02	1.21416	0.8249E-02	0.6
412	205.0	1665.2	6.2	0.43561	0.4590E-02	1.21429	0.8352E-02	0.5
412	205.5	1665.3	5.9	0.43564	0.4672E-02	1.21436	0.8413E-02	0.5
412	206.0	1664.9	5.9	0.43564	0.4672E-02	1.21443	0.8475E-02	0.5
412	206.5	1665.1	6.0	0.43562	0.4627E-02	1.21450	0.8533E-02	0.8
412	207.0	1663.8	6.0	0.43566	0.4710E-02	1.21455	0.8570E-02	0.5
412	207.5	1664.2	26.7	0.43553	0.4418E-02	1.21513	0.9052E-02	0.6
412	208.0	1664.8	55.5	0.43508	0.3364E-02	1.21763	0.1113E-01	0.7
412	208.5	1663.9	55.7	0.43476	0.2624E-02	1.21951	0.1264E-01	0.5
412	209.0	1663.2	55.6	0.43438	0.1764E-02	1.22118	0.1408E-01	0.6
412	209.5	1663.3	55.8	0.43412	0.1166E-02	1.22289	0.1547E-01	0.4
412	210.0	1662.6	55.8	0.43377	0.3434E-03	1.22452	0.1685E-01	0.6
412	210.5	1662.5	55.9	0.43353	-.2018E-03	1.22611	0.1817E-01	0.5
412	211.0	1662.5	56.0	0.43319	-.9793E-03	1.22612	0.1818E-01	0.6
412	211.5	1661.3	55.9	0.43293	-.1592E-02	1.22929	0.2081E-01	0.5
412	212.0	1661.8	55.8	0.43265	-.2228E-02	1.23123	0.2242E-01	0.5
412	212.5	1661.8	55.9	0.43237	-.2886E-02	1.23321	0.2407E-01	0.6
412	213.0	1661.4	56.1	0.43208	-.3558E-02	1.23397	0.2470E-01	0.5
412	213.5	1660.5	56.2	0.43185	-.4074E-02	1.23546	0.2594E-01	0.5
412	214.0	1660.9	56.0	0.43150	-.4889E-02	1.23563	0.2608E-01	0.5
412	214.5	1660.2	56.1	0.43124	-.5495E-02	1.23707	0.2727E-01	0.5
412	215.0	1660.0	56.2	0.43099	-.6063E-02	-9.99900	-.9999E+04	0.5
412	215.5	1659.8	55.9	0.43073	-.6654E-02	-9.99900	-.9999E+04	0.5
412	216.0	1659.1	56.0	0.43044	-.7334E-02	-9.99900	-.9999E+04	0.6
412	216.5	1659.0	56.0	0.43020	-.7887E-02	-9.99900	-.9999E+04	0.5
412	217.0	1659.3	56.3	0.42994	-.8485E-02	-9.99900	-.9999E+04	0.5
412	217.5	1658.2	56.3	0.42976	-.1421E-01	-9.99900	-.9999E+04	1.0
412	218.0	1658.0	56.4	0.42943	-.4654E-02	-9.99900	-.9999E+04	0.5
412	218.5	1657.6	56.5	0.42912	-.1038E-01	-9.99900	-.9999E+04	0.5
412	219.0	1657.0	56.2	0.42760	-.1389E-01	-9.99900	-.9999E+04	0.7
412	219.5	1656.9	56.3	0.42868	-.1138E-01	-9.99900	-.9999E+04	0.5
412	220.0	1656.7	56.1	0.42844	-.1193E-01	-9.99900	-.9999E+04	0.5
412	220.5	1656.3	56.2	0.42814	-.1263E-01	-9.99900	-.9999E+04	0.7
412	221.0	1655.9	56.3	0.42790	-.1318E-01	-9.99900	-.9999E+04	0.5
412	221.5	1655.3	56.2	0.42762	-.1383E-01	-9.99900	-.9999E+04	1.0
412	222.0	1654.7	56.2	0.42795	-.1307E-01	-9.99900	-.9999E+04	0.5
412	222.5	1654.4	56.2	0.43246	-.2624E-02	-9.99900	-.9999E+04	0.6
412	223.0	1654.2	56.2	0.42690	-.1550E-01	-9.99900	-.9999E+04	0.7
412	223.5	1652.9	56.3	0.42666	-.1604E-01	-9.99900	-.9999E+04	0.7
412	224.0	1653.6	56.3	0.42332	-.2374E-01	-9.99900	-.9999E+04	0.7
412	224.5	1653.4	56.3	0.42618	-.1716E-01	-9.99900	-.9999E+04	0.7
412	225.0	1652.7	56.3	0.42594	-.1770E-01	-9.99900	-.9999E+04	0.5
412	225.5	1652.2	56.3	0.42572	-.1821E-01	-9.99900	-.9999E+04	0.6
412	226.0	1652.4	56.2	0.42547	-.1879E-01	-9.99900	-.9999E+04	0.5
412	226.5	1651.8	56.4	0.42523	-.1935E-01	-9.99900	-.9999E+04	0.6
412	227.0	1651.3	56.4	0.41962	-.3229E-01	-9.99900	-.9999E+04	0.0
412	227.5	1651.3	56.3	0.42473	-.2051E-01	-9.99900	-.9999E+04	0.8
412	228.0	1650.6	56.3	0.42446	-.2112E-01	-9.99900	-.9999E+04	0.5
412	228.5	1650.7	56.2	0.42104	-.2900E-01	-9.99900	-.9999E+04	0.6
412	229.0	1651.2	56.3	0.42402	-.2214E-01	-9.99900	-.9999E+04	0.7
412	229.5	1651.0	56.1	0.42376	-.2273E-01	-9.99900	-.9999E+04	1.0
412	230.0	1651.3	56.1	0.42355	-.2323E-01	-9.99900	-.9999E+04	0.5
412	230.5	1651.5	56.1	0.42332	-.2375E-01	-9.99900	-.9999E+04	0.0
412	231.0	1651.7	56.1	0.42306	-.2434E-01	-9.99900	-.9999E+04	0.5
412	231.5	1651.3	56.0	0.42284	-.2485E-01	-9.99900	-.9999E+04	0
412	232.0	1651.0	56.0	0.42263	-.2535E-01	-9.99900	-.9999E+04	0

412	232.5	1651.6	55.9	0.42241	-.2585E-01-9.99900	-.9999E+04	0.5
412	233.0	1650.9	55.9	0.42215	-.2646E-01-9.99900	-.9999E+04	1.0
412	233.5	1651.8	56.0	0.42190	-.2703E-01-9.99900	-.9999E+04	0.7
412	234.0	1650.6	55.9	0.42168	-.2753E-01-9.99900	-.9999E+04	0.5
412	234.5	1651.1	56.1	0.42144	-.2809E-01-9.99900	-.9999E+04	0.5
412	235.0	1650.9	56.0	0.42120	-.2863E-01-9.99900	-.9999E+04	0.5
412	235.5	1651.3	56.0	0.42097	-.2917E-01-9.99900	-.9999E+04	0.7
412	236.0	1651.1	56.2	0.42071	-.2976E-01-9.99900	-.9999E+04	0.5
412	236.5	1650.8	56.1	0.42050	-.3025E-01-9.99900	-.9999E+04	0.6
412	237.0	1651.4	56.1	0.42028	-.3076E-01-9.99900	-.9999E+04	0.7
412	237.5	1651.6	56.1	0.42006	-.3127E-01-9.99900	-.9999E+04	0.5
412	238.0	1650.8	55.9	0.41983	-.3179E-01-9.99900	-.9999E+04	0.5
412	238.5	1651.5	55.9	0.41954	-.3247E-01-9.99900	-.9999E+04	0.5
412	239.0	1650.7	56.0	0.41934	-.3293E-01-9.99900	-.9999E+04	0.6
412	239.5	1650.7	55.9	0.41911	-.3346E-01-9.99900	-.9999E+04	0.6
412	240.0	1650.8	56.0	0.41891	-.3391E-01-9.99900	-.9999E+04	0.6
412	240.5	1650.7	55.9	0.41865	-.3453E-01-9.99900	-.9999E+04	0.5
412	241.0	1650.7	56.0	0.41840	-.3509E-01-9.99900	-.9999E+04	0.5
412	241.5	1650.0	55.9	0.41817	-.3562E-01-9.99900	-.9999E+04	0.5
412	242.0	1650.3	55.9	0.41791	-.3624E-01-9.99900	-.9999E+04	0.5
412	242.5	1651.0	55.8	0.41774	-.3662E-01-9.99900	-.9999E+04	0.5
412	243.0	1650.7	55.7	0.41751	-.3715E-01-9.99900	-.9999E+04	0.6
412	243.5	1650.8	55.7	0.41727	-.3771E-01-9.99900	-.9999E+04	0.6
412	244.0	1650.5	55.7	0.41704	-.3823E-01-9.99900	-.9999E+04	0.5
412	244.5	1650.6	55.9	0.41683	-.3873E-01-9.99900	-.9999E+04	0.7
412	245.0	1650.4	55.9	0.41661	-.3922E-01-9.99900	-.9999E+04	0.5
412	245.5	1650.7	55.8	0.41639	-.3973E-01-9.99900	-.9999E+04	0.7
412	246.0	1650.9	55.9	0.41614	-.4030E-01-9.99900	-.9999E+04	0.5
412	246.5	1650.8	55.8	0.41590	-.4086E-01-9.99900	-.9999E+04	0.5
412	247.0	1650.8	55.8	0.41569	-.4134E-01-9.99900	-.9999E+04	0.5
412	247.5	1650.9	55.8	0.41546	-.4188E-01-9.99900	-.9999E+04	0.7
412	248.0	1650.3	56.0	0.41520	-.4247E-01-9.99900	-.9999E+04	0.5
412	248.5	1650.0	56.0	0.41497	-.4300E-01-9.99900	-.9999E+04	0.5
412	249.0	1649.7	56.0	0.41477	-.4346E-01-9.99900	-.9999E+04	0.5
412	249.5	1650.1	55.8	0.41455	-.4398E-01-9.99900	-.9999E+04	0.5
412	250.0	1650.0	55.9	0.41434	-.4446E-01-9.99900	-.9999E+04	0.5
412	250.5	1649.7	55.8	0.41411	-.4498E-01-9.99900	-.9999E+04	0.5
412	251.0	1650.1	55.9	0.41390	-.4548E-01-9.99900	-.9999E+04	0.5
412	251.5	1650.1	55.9	0.41367	-.4600E-01-9.99900	-.9999E+04	0.7
412	252.0	1649.5	56.0	0.41351	-.4638E-01-9.99900	-.9999E+04	0.5
412	252.5	1649.7	56.0	0.41334	-.4678E-01-9.99900	-.9999E+04	0.6
412	253.0	1649.6	56.2	0.41300	-.4755E-01-9.99900	-.9999E+04	0.6
412	253.5	1649.7	56.2	0.41275	-.4814E-01-9.99900	-.9999E+04	0.5
412	254.0	1649.8	56.3	0.41258	-.4853E-01-9.99900	-.9999E+04	0.6
412	254.5	1649.9	56.4	0.41240	-.4893E-01-9.99900	-.9999E+04	0.6
412	255.0	1649.8	56.2	0.41216	-.4949E-01-9.99900	-.9999E+04	0.5
412	255.5	1649.4	56.1	0.41184	-.5023E-01-9.99900	-.9999E+04	0.5
412	256.0	1650.0	56.1	0.41161	-.5076E-01-9.99900	-.9999E+04	0.5
412	256.5	1650.2	56.0	0.41146	-.5110E-01-9.99900	-.9999E+04	0.5
412	257.0	1649.9	55.9	0.41122	-.5164E-01-9.99900	-.9999E+04	0.5
412	257.5	1649.6	56.0	0.41094	-.5230E-01-9.99900	-.9999E+04	0.5
412	258.0	1649.7	56.0	0.41070	-.5286E-01-9.99900	-.9999E+04	0.5
412	258.5	1650.1	56.0	0.41051	-.5330E-01-9.99900	-.9999E+04	0.5
412	259.0	1650.1	56.2	0.41025	-.5384E-01-9.99900	-.9999E+04	0.7
412	259.5	1650.3	56.1	0.41003	-.5439E-01-9.99900	-.9999E+04	0.6
412	260.0	1650.5	56.1	0.40982	-.5487E-01-9.99900	-.9999E+04	0.7
412	260.5	1650.1	56.2	0.40958	-.5544E-01-9.99900	-.9999E+04	0.5
412	261.0	1650.2	56.1	0.40933	-.5602E-01-9.99900	-.9999E+04	0.6
412	261.5	1649.2	56.0	0.40911	-.5652E-01-9.99900	-.9999E+04	0.6
412	262.0	1650.2	55.9	0.40889	-.5703E-01-9.99900	-.9999E+04	0.6

412	262.5	1650.2	55.8	0.40866	-.5755E-01-9.99900	-.9999E+04	0.1
412	263.0	1650.8	55.8	0.40841	-.5814E-01-9.99900	-.9999E+04	0.5
412	263.5	1650.6	55.6	0.40819	-.5863E-01-9.99900	-.9999E+04	0.5
412	264.0	1650.7	55.5	0.40796	-.5916E-01-9.99900	-.9999E+04	0.7
412	264.5	1650.4	55.4	0.40775	-.5966E-01-9.99900	-.9999E+04	0.7
412	265.0	1650.1	55.3	0.40752	-.6020E-01-9.99900	-.9999E+04	0.5
412	265.5	1650.4	55.3	0.40729	-.6071E-01-9.99900	-.9999E+04	0.6
412	266.0	1650.3	55.2	0.40710	-.6115E-01-9.99900	-.9999E+04	1.0
412	266.5	1650.2	55.4	0.40681	-.6183E-01-9.99900	-.9999E+04	0.5
412	267.0	1650.4	55.4	0.40665	-.6218E-01-9.99900	-.9999E+04	0.6
412	267.5	1650.1	55.4	0.40639	-.6280E-01-9.99900	-.9999E+04	0.0
412	268.0	1650.8	55.4	0.40618	-.6327E-01-9.99900	-.9999E+04	0.5
412	268.5	1650.7	55.4	0.40596	-.6378E-01-9.99900	-.9999E+04	0.6
412	269.0	1650.6	55.5	0.40568	-.6444E-01-9.99900	-.9999E+04	0.7
412	269.5	1650.9	55.5	0.40552	-.6479E-01-9.99900	-.9999E+04	0.5
412	270.0	1650.7	55.4	0.40527	-.6537E-01-9.99900	-.9999E+04	0.7
412	270.5	1650.8	55.4	0.40504	-.6591E-01-9.99900	-.9999E+04	0.5
412	271.0	1650.5	55.5	0.40479	-.6649E-01-9.99900	-.9999E+04	0.6
412	271.5	1650.7	55.4	0.40456	-.6701E-01-9.99900	-.9999E+04	0.5
412	272.0	1650.5	55.4	0.40434	-.6751E-01-9.99900	-.9999E+04	0.5
412	272.5	1651.0	55.5	0.40414	-.6799E-01-9.99900	-.9999E+04	0.6
412	273.0	1650.4	55.4	0.40391	-.6852E-01-9.99900	-.9999E+04	0.5
412	273.5	1650.5	55.4	0.40367	-.6906E-01-9.99900	-.9999E+04	0.7
412	274.0	1650.7	55.3	0.40339	-.6971E-01-9.99900	-.9999E+04	0.5
412	274.5	1650.3	55.3	0.40319	-.7017E-01-9.99900	-.9999E+04	1.0
412	275.0	1649.7	55.2	0.40294	-.7075E-01-9.99900	-.9999E+04	0.5
412	275.5	1651.3	55.1	0.40270	-.7130E-01-9.99900	-.9999E+04	0.5
412	276.0	1650.6	55.4	0.40248	-.7182E-01-9.99900	-.9999E+04	0.6
412	276.5	1650.8	55.4	0.40233	-.7216E-01-9.99900	-.9999E+04	0.6
412	277.0	1651.2	55.5	0.40200	-.7292E-01-9.99900	-.9999E+04	0.5
412	277.5	1650.5	55.4	0.40175	-.7349E-01-9.99900	-.9999E+04	0.6
412	278.0	1650.6	55.3	0.40155	-.7396E-01-9.99900	-.9999E+04	0.5
412	278.5	1650.4	55.5	0.40136	-.7440E-01-9.99900	-.9999E+04	0.8
412	279.0	1650.8	55.4	0.40112	-.7496E-01-9.99900	-.9999E+04	0.5
412	279.5	1650.7	55.4	0.40090	-.7545E-01-9.99900	-.9999E+04	0.6
412	280.0	1650.4	55.4	0.40071	-.7589E-01-9.99900	-.9999E+04	0.5
412	280.5	1650.8	55.3	0.40038	-.7664E-01-9.99900	-.9999E+04	0.5
412	281.0	1650.2	55.4	0.40018	-.7711E-01-9.99900	-.9999E+04	0.5
412	281.5	1650.9	55.3	0.39996	-.7763E-01-9.99900	-.9999E+04	0.6
412	282.0	1650.6	55.3	0.39976	-.7809E-01-9.99900	-.9999E+04	1.0
412	282.5	1650.8	55.3	0.39949	-.7870E-01-9.99900	-.9999E+04	0.5
412	283.0	1651.1	55.2	0.39925	-.7925E-01-9.99900	-.9999E+04	0.5
412	283.5	1650.8	55.3	0.39898	-.7986E-01-9.99900	-.9999E+04	0.5
412	284.0	1650.8	55.2	0.39885	-.8019E-01-9.99900	-.9999E+04	0.7
412	284.5	1650.7	55.2	0.39861	-.8074E-01-9.99900	-.9999E+04	0.5
412	285.0	1650.6	55.2	0.39828	-.8149E-01-9.99900	-.9999E+04	0.5
412	285.5	1651.1	55.9	0.39806	-.8201E-01-9.99900	-.9999E+04	0.5
412	286.0	1650.5	56.0	0.39782	-.8256E-01-9.99900	-.9999E+04	0.5
412	286.5	1650.6	55.9	0.39755	-.8317E-01-9.99900	-.9999E+04	0.8
412	287.0	1650.6	55.9	0.39786	-.8247E-01-9.99900	-.9999E+04	0.7
412	287.5	1650.8	55.9	0.39712	-.8416E-01-9.99900	-.9999E+04	0.5
412	288.0	1651.2	55.6	0.39683	-.8484E-01-9.99900	-.9999E+04	0.5
412	288.5	1651.4	55.9	0.39660	-.8538E-01-9.99900	-.9999E+04	0.5
412	289.0	1650.9	55.9	0.39634	-.8597E-01-9.99900	-.9999E+04	1.0
412	289.5	1650.9	56.0	0.39608	-.8657E-01-9.99900	-.9999E+04	0.5
412	290.0	1651.4	55.8	0.39587	-.8706E-01-9.99900	-.9999E+04	0.0
412	290.5	1651.1	55.9	0.39559	-.8770E-01-9.99900	-.9999E+04	0.5
412	291.0	1650.7	56.0	0.39533	-.8830E-01-9.99900	-.9999E+04	0.6
412	291.5	1650.4	55.8	0.39509	-.8885E-01-9.99900	-.9999E+04	0.5
412	292.0	1650.8	55.8	0.39486	-.8939E-01-9.99900	-.9999E+04	0.5

412	292.5	1651.2	55.8	0.39457	-.9006E-01-9.99900	-.9999E+04	0.5
412	293.0	1650.0	55.6	0.39435	-.9056E-01-9.99900	-.9999E+04	0.6
412	293.5	1650.8	55.7	0.39411	-.9111E-01-9.99900	-.9999E+04	0.5
412	294.0	1650.8	55.6	0.39385	-.9171E-01-9.99900	-.9999E+04	0.5
412	294.5	1651.1	55.7	0.39364	-.9221E-01-9.99900	-.9999E+04	0.6
412	295.0	1651.2	55.6	0.39339	-.9278E-01-9.99900	-.9999E+04	0.5
412	295.5	1650.5	55.6	0.39308	-.9348E-01-9.99900	-.9999E+04	0.5
412	296.0	1650.3	55.6	0.39287	-.9397E-01-9.99900	-.9999E+04	1.0
412	296.5	1650.4	55.5	0.39262	-.9455E-01-9.99900	-.9999E+04	0.5
412	297.0	1650.5	55.5	0.39236	-.9514E-01-9.99900	-.9999E+04	0.5
412	297.5	1650.5	55.4	0.39216	-.9561E-01-9.99900	-.9999E+04	0.5
412	298.0	1650.3	55.6	0.39185	-.9633E-01-9.99900	-.9999E+04	0.6
412	298.5	1650.7	55.5	0.39168	-.9672E-01-9.99900	-.9999E+04	0.6
412	299.0	1650.1	55.5	0.39140	-.9737E-01-9.99900	-.9999E+04	0.7
412	299.5	1651.0	55.4	0.39111	-.9802E-01-9.99900	-.9999E+04	0.5
412	300.0	1650.5	55.4	0.39085	-.9862E-01-9.99900	-.9999E+04	0.5
412	300.5	1650.2	55.4	0.39054	-.9935E-01-9.99900	-.9999E+04	0.6
412	301.0	1650.1	55.4	0.39031	-.9988E-01-9.99900	-.9999E+04	0.5
412	301.5	1650.6	55.4	0.39008	-.1004E+00-9.99900	-.9999E+04	0.7
412	302.0	1650.2	55.4	0.38983	-.1010E+00-9.99900	-.9999E+04	0.7
412	302.5	1650.0	55.4	0.38966	-.1014E+00-9.99900	-.9999E+04	0.5
412	303.0	1650.5	55.3	0.38934	-.1021E+00-9.99900	-.9999E+04	0.5
412	303.5	1650.1	55.3	0.38905	-.1028E+00-9.99900	-.9999E+04	0.5
412	304.0	1650.4	55.3	0.38879	-.1034E+00-9.99900	-.9999E+04	0.5
412	304.5	1649.7	55.3	0.38857	-.1039E+00-9.99900	-.9999E+04	1.0
412	305.0	1649.9	55.3	0.38831	-.1045E+00-9.99900	-.9999E+04	0.5
412	305.5	1649.6	55.3	0.38801	-.1052E+00-9.99900	-.9999E+04	0.8
412	306.0	1649.9	55.2	0.38780	-.1057E+00-9.99900	-.9999E+04	0.7
412	306.5	1649.7	55.2	0.38762	-.1061E+00-9.99900	-.9999E+04	0.5
412	307.0	1650.4	55.1	0.38735	-.1067E+00-9.99900	-.9999E+04	0.5
412	307.5	1649.8	55.2	0.38699	-.1075E+00-9.99900	-.9999E+04	0.5
412	308.0	1649.7	55.2	0.38674	-.1081E+00-9.99900	-.9999E+04	0.7
412	308.5	1649.8	55.1	0.38649	-.1087E+00-9.99900	-.9999E+04	0.6
412	309.0	1649.8	55.2	0.38630	-.1091E+00-9.99900	-.9999E+04	0.8
412	309.5	1649.5	55.0	0.38599	-.1099E+00-9.99900	-.9999E+04	0.8
412	310.0	1650.1	55.1	0.38572	-.1105E+00-9.99900	-.9999E+04	0.6
412	310.5	1649.7	55.0	0.38571	-.1105E+00-9.99900	-.9999E+04	0.6
412	311.0	1649.5	55.0	0.38539	-.1112E+00-9.99900	-.9999E+04	0.5
412	311.5	1649.3	55.0	0.38499	-.1121E+00-9.99900	-.9999E+04	0.5
412	312.0	1649.6	54.9	0.38503	-.1120E+00-9.99900	-.9999E+04	0.5
412	312.5	1649.5	55.1	0.38477	-.1127E+00-9.99900	-.9999E+04	0.6
412	313.0	1649.2	54.8	0.38455	-.1132E+00-9.99900	-.9999E+04	0.5
412	313.5	1649.1	55.0	0.38433	-.1137E+00-9.99900	-.9999E+04	0.8
412	314.0	1648.5	54.9	0.38402	-.1144E+00-9.99900	-.9999E+04	0.5
412	314.5	1648.9	55.1	0.38388	-.1147E+00-9.99900	-.9999E+04	0.6
412	315.0	1649.0	55.0	0.38330	-.1160E+00-9.99900	-.9999E+04	0.6
412	315.5	1649.0	55.0	0.44195	0.1922E-01-9.99900	-.9999E+04	0.6
412	316.0	1648.4	54.9	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	316.5	1649.5	54.6	0.44705	0.3097E-01-9.99900	-.9999E+04	0.7
412	317.0	1649.2	54.8	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.6
412	317.5	1649.0	55.0	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	318.0	1649.4	55.0	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.6
412	318.5	1649.2	54.9	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	319.0	1649.3	55.0	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	319.5	1649.7	55.0	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	320.0	1649.0	54.8	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.0
412	320.5	1648.7	54.8	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	321.0	1648.9	54.7	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	321.5	1649.3	54.8	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	322.0	1649.2	54.8	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.7

412	322.5	1648.5	54.8-9.99900	-.9999E+04-9.99900	-.9999E+04	-.7
412	323.0	1649.3	54.8-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	323.5	1648.6	54.8-9.99900	-.9999E+04-9.99900	-.9999E+04	0.6
412	324.0	1649.2	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	324.5	1649.0	54.8-9.99900	-.9999E+04-9.99900	-.9999E+04	0.7
412	325.0	1649.3	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.6
412	325.5	1649.4	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	1.0
412	326.0	1649.4	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.6
412	326.5	1649.2	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.7
412	327.0	1648.9	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	327.5	1649.1	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	328.0	1648.8	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.7
412	328.5	1648.8	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	323.0	1649.3	54.8-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	323.5	1648.6	54.8-9.99900	-.9999E+04-9.99900	-.9999E+04	0.6
412	324.0	1649.2	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
412	324.5	1649.0	54.8-9.99900	-.9999E+04-9.99900	-.9999E+04	0.7
412	325.0	1649.3	54.7-9.99900	-.9999E+04-9.99900	-.9999E+04	0.6

K.3 : Uniaxial Constant Load Annealing/Recrystallization Tests (1000°F - 1100°F)

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423	57.5	1007.2	28.5	0.43532	0.3910E-02	1.15653	0.3092E-02	0.0
423	58.0	1005.7	28.5	0.43531	0.3902E-02	1.15652	0.3085E-02	0.5
423	58.5	1004.3	28.4	0.43531	0.3895E-02	1.15654	0.3143E-02	0.5
423	59.0	1003.2	28.0	0.43531	0.3895E-02	1.15652	0.3085E-02	0.5
423	59.5	1002.1	27.8	0.43530	0.3872E-02	1.15650	0.3066E-02	0.0
423	60.0	1001.2	27.6	0.43530	0.3845E-02	1.15651	0.3075E-02	0.0
423	60.5	999.4	27.3	0.43524	0.3850E-02	1.15649	0.3056E-02	0.5
423	61.0	998.6	27.6	0.43524	0.3850E-02	1.15652	0.3082E-02	0.0
423	61.5	997.6	27.3	0.43524	0.3820E-02	1.15649	0.3062E-02	0.5
423	62.0	997.1	26.6	0.43531	0.3895E-02	1.15650	0.3065E-02	0.0
423	62.5	996.1	329.7	0.43496	0.3087E-02	1.15622	0.4560E-02	0.0
423	63.0	995.1	831.9	0.43445	0.1906E-02	1.16273	0.8643E-02	0.5
423	63.5	995.0	833.1	0.43440	0.1787E-02	1.16135	0.7275E-02	0.0
423	64.0	994.9	832.5	0.43433	0.1637E-02	1.16349	0.9134E-02	0.5
423	64.5	995.0	833.4	0.43430	0.1562E-02	1.16103	0.6999E-02	0.0
423	65.0	995.2	835.5	0.43427	0.1468E-02	1.16196	0.7804E-02	0.0
423	65.5	995.2	836.2	0.43424	0.1420E-02	1.16218	0.7996E-02	0.0
423	66.0	995.7	835.6	0.43421	0.1353E-02	1.16232	0.8117E-02	0.5
423	66.5	996.3	835.4	0.43416	0.1293E-02	1.16244	0.8225E-02	0.5
423	67.0	996.2	835.4	0.43417	0.1256E-02	1.16264	0.8393E-02	0.0
423	67.5	996.6	834.9	0.43414	0.1204E-02	1.16271	0.8457E-02	0.5
423	68.0	997.0	833.6	0.43412	0.1151E-02	1.16277	0.8505E-02	0.0
423	68.5	997.2	833.5	0.43411	0.1121E-02	1.16297	0.8676E-02	0.5
423	69.0	997.6	833.1	0.43409	0.1077E-02	1.16301	0.8717E-02	0.5
423	69.5	998.3	832.6	0.43405	0.9793E-03	1.16314	0.8825E-02	0.5
423	70.0	998.6	833.1	0.43404	0.9718E-03	1.16319	0.8866E-02	0.0
423	70.5	999.1	833.5	0.43404	0.9644E-03	1.16133	0.7262E-02	0.5
423	71.0	999.6	833.4	0.43402	0.9195E-03	1.16345	0.9094E-02	0.0
423	71.5	1000.5	833.0	0.43397	0.8149E-03	1.16356	0.9209E-02	0.5
423	72.0	1000.6	832.6	0.43398	0.7709E-03	1.16124	0.7180E-02	0.0
423	72.5	1000.1	832.9	0.43397	0.8144E-03	1.16367	0.9286E-02	0.0
423	73.0	1000.5	833.1	0.43394	0.7251E-03	1.16182	0.7679E-02	0.0
423	73.5	1000.7	833.2	0.43390	0.6354E-03	1.16395	0.9532E-02	0.5
423	74.0	1000.8	832.8	0.43390	0.6504E-03	1.16401	0.9562E-02	0.0
423	74.5	1000.7	832.4	0.43389	0.6205E-03	1.16408	0.9643E-02	0.5
423	75.0	1001.0	832.5	0.43389	0.6131E-03	1.16424	0.9781E-02	0.5
423	75.5	1000.2	832.9	0.43384	0.5083E-03	1.16430	0.9635E-02	0.0
423	76.0	1000.0	832.6	0.43383	0.4709E-03	1.16437	0.9696E-02	0.0
423	76.5	1000.2	832.4	0.43383	0.4710E-03	1.16445	0.9963E-02	0.0
423	77.0	1000.4	832.6	0.43379	0.3962E-03	1.16455	0.1005E-01	0.5
423	77.5	1000.4	832.6	0.43380	0.4112E-03	1.16464	0.1013E-01	0.5
423	78.0	1000.1	832.8	0.43378	0.3663E-03	1.16469	0.1017E-01	0.0
423	78.5	1000.3	832.7	0.43375	0.2916E-03	1.16355	0.9184E-02	0.0
423	79.0	1000.0	832.7	0.43373	0.2467E-03	1.16447	0.1033E-01	0.5
423	79.5	999.7	832.7	0.43373	0.2541E-03	1.16504	0.1046E-01	0.5
423	80.0	999.7	832.6	0.43372	0.2318E-03	1.16501	0.1045E-01	0.0
423	80.5	999.8	832.7	0.43371	0.1944E-03	1.16703	0.1220E-01	0.0
423	81.0	999.5	832.8	0.43369	0.1645E-03	1.16519	0.1061E-01	0.5
423	81.5	999.4	833.0	0.43364	0.1421E-03	1.16718	0.1233E-01	0.0
423	82.0	999.5	832.7	0.43367	0.1046E-03	1.16534	0.1073E-01	0.0
423	82.5	999.3	832.9	0.43364	0.3737E-04	1.16542	0.1081E-01	0.5
423	83.0	999.1	826.8	0.43363	0.2491E-04	1.16545	0.1043E-01	0.0
423	83.5	999.7	823.2	0.43362	-7.7036E-07	1.16549	0.1086E-01	0.5
423	84.0	999.1	824.5	0.43360	-4.443E-04	1.16555	0.1092E-01	0.5
423	84.5	999.0	824.5	0.43359	-6.227E-04	1.16553	0.1099E-01	0.0
423	85.0	999.2	824.9	0.43358	-1.047E-03	1.16569	0.1106E-01	0.0
423	85.5	999.0	824.7	0.43353	-1.997E-04	1.16579	0.1113E-01	0.0
423	86.0	999.0	824.9	0.43358	-9.719E-04	1.16588	0.1126E-01	0.5
423	86.5	998.5	824.7	0.43354	-1.944E-03	1.16590	0.1123E-01	0.0
423	87.0	998.4	824.0	0.43354	-1.864E-03	1.16599	0.1130E-01	0.0

423	87.5	998.5	829.0	0.43352	-.2318E-03	1.15635	0.1161E-01	0.0
423	88.0	998.4	829.2	0.43353	-.2148E-03	1.15406	0.9626E-02	0.5
423	88.5	998.6	829.2	0.43351	-.2610E-03	1.15620	0.1148E-01	0.0
423	89.0	998.3	829.9	0.43350	-.2915E-03	1.16022	0.1150E-01	0.5
423	89.5	998.6	829.3	0.43347	-.3589E-03	1.16079	0.1199E-01	0.5
423	90.0	998.5	829.5	0.43345	-.3962E-03	1.16433	0.9859E-02	0.0
423	90.5	997.9	829.4	0.43343	-.4485E-03	1.16505	0.1049E-01	0.5
423	91.0	998.0	829.5	0.43341	-.4770E-03	1.16646	0.1171E-01	0.0
423	91.5	998.2	829.4	0.43343	-.4337E-03	1.16655	0.1174E-01	0.5
423	92.0	998.2	829.3	0.43341	-.4854E-03	1.16661	0.1164E-01	0.5
423	92.5	998.2	829.2	0.43337	-.5756E-03	1.16538	0.9035E-02	0.5
423	93.0	998.0	828.8	0.43335	-.6205E-03	1.16671	0.1192E-01	0.0
423	93.5	997.4	828.9	0.43334	-.6429E-03	1.16678	0.1199E-01	0.0
423	94.0	997.7	829.3	0.43334	-.6504E-03	1.16684	0.1204E-01	0.5
423	94.5	998.1	829.3	0.43334	-.6504E-03	1.16893	0.1376E-01	0.5
423	95.0	998.0	829.4	0.43334	-.6504E-03	1.16564	0.1099E-01	0.0
423	95.5	998.0	829.2	0.43332	-.7027E-03	1.16700	0.1218E-01	0.0
423	96.0	997.5	829.5	0.43332	-.6453E-03	1.16709	0.1225E-01	0.0
423	96.5	997.9	829.0	0.43332	-.7027E-03	1.16717	0.1232E-01	0.0
423	97.0	997.1	829.2	0.43330	-.7326E-03	1.16766	0.1275E-01	0.0
423	97.5	997.7	829.1	0.43330	-.7476E-03	1.16728	0.1242E-01	0.0
423	98.0	997.6	829.3	0.43328	-.7775E-03	1.16629	0.1156E-01	0.5
423	98.5	997.7	829.2	0.43327	-.8074E-03	1.16601	0.1305E-01	0.5
423	99.0	997.6	829.1	0.43325	-.8672E-03	1.16749	0.1260E-01	0.0
423	99.5	997.8	829.3	0.43324	-.8821E-03	1.17079	0.1546E-01	0.0
423	100.0	997.9	829.0	0.43322	-.9270E-03	1.16822	0.1324E-01	0.5
423	100.5	997.9	829.1	0.43319	-.9942E-03	1.16761	0.1271E-01	0.5
423	101.0	998.0	829.1	0.43321	-.9419E-03	1.16818	0.1320E-01	0.5
423	101.5	998.1	828.9	0.43317	-.1032E-02	1.16447	0.9980E-02	0.5
423	102.0	998.0	829.1	0.43319	-.1002E-02	1.16970	0.1452E-01	0.5
423	102.5	999.0	829.4	0.43317	-.1039E-02	1.16790	0.1296E-01	0.0
423	103.0	999.0	829.3	0.43318	-.1024E-02	1.16793	0.1296E-01	0.5
423	103.5	998.4	829.1	0.43315	-.1084E-02	1.16797	0.1302E-01	0.5
423	104.0	998.7	828.9	0.43315	-.1091E-02	1.16647	0.1171E-01	0.5
423	104.5	998.8	829.1	0.43314	-.1121E-02	1.16808	0.1311E-01	0.5
423	105.0	998.8	829.5	0.43311	-.1174E-02	1.16660	0.1183E-01	0.0
423	105.5	999.0	829.3	0.43311	-.1174E-02	1.16702	0.1219E-01	0.0
423	106.0	998.6	829.6	0.43310	-.1196E-02	1.16706	0.1223E-01	0.5
423	106.5	998.8	829.7	0.43310	-.1204E-02	1.16836	0.1335E-01	0.0
423	107.0	998.5	829.4	0.43310	-.1211E-02	1.16637	0.1143E-01	0.0
423	107.5	998.8	829.4	0.43306	-.1286E-02	1.16559	0.1096E-01	0.5
423	108.0	998.8	829.3	0.43306	-.1301E-02	1.17044	0.1516E-01	0.5
423	108.5	998.4	829.6	0.43304	-.1338E-02	1.16914	0.1403E-01	0.0
423	109.0	998.4	829.9	0.43302	-.1343E-02	1.16863	0.1359E-01	0.0
423	109.5	998.1	829.6	0.43301	-.1413E-02	1.16667	0.1149E-01	0.0
423	110.0	998.4	829.6	0.43300	-.1428E-02	1.16763	0.1272E-01	0.5
423	110.5	998.2	829.6	0.43300	-.1428E-02	1.16683	0.1376E-01	0.0
423	111.0	997.9	829.6	0.43299	-.1450E-02	1.16982	0.1462E-01	0.5
423	111.5	998.6	829.2	0.43297	-.1503E-02	1.17167	0.1622E-01	0.0
423	112.0	998.4	829.4	0.43295	-.1547E-02	1.16896	0.1366E-01	0.0
423	112.5	998.2	829.5	0.43293	-.1592E-02	1.17000	0.1478E-01	0.5
423	113.0	998.2	829.8	0.43293	-.1585E-02	1.17103	0.1568E-01	0.0
423	113.5	998.0	829.5	0.43292	-.1607E-02	1.16416	0.1405E-01	0.0
423	114.0	998.1	829.0	0.43291	-.1645E-02	1.17017	0.1493E-01	0.5
423	114.5	998.1	829.5	0.43290	-.1660E-02	1.16429	0.1416E-01	0.0
423	115.0	997.9	829.4	0.43288	-.1719E-02	1.16435	0.1421E-01	0.0
423	115.5	998.0	829.2	0.43286	-.1744E-02	1.16443	0.1426E-01	0.5
423	116.0	998.1	829.7	0.43286	-.1749E-02	1.17138	0.1592E-01	0.0
423	116.5	997.9	829.4	0.43285	-.1772E-02	1.17050	0.1547E-01	0.5
423	117.0	997.9	829.5	0.43285	-.1779E-02	1.17051	0.1522E-01	0.0

423	117.5	997.6	829.6	0.43284	-1.1602E-02	1.16951	0.1430E-01	0.5
423	118.0	997.8	829.8	0.43289	-1.1691E-02	1.17251	0.1704E-01	0.0
423	118.5	997.6	829.5	0.43241	-1.1876E-02	1.16973	0.1454E-01	0.0
423	119.0	997.5	829.3	0.43240	-1.1884E-02	1.16771	0.1279E-01	0.5
423	119.5	997.5	829.4	0.43276	-1.1936E-02	1.17084	0.1551E-01	0.5
423	120.0	997.7	829.5	0.43276	-1.1981E-02	1.16991	0.1470E-01	0.5
423	120.5	997.6	829.5	0.43275	-1.2004E-02	1.16999	0.1477E-01	0.5
423	121.0	997.8	829.1	0.43276	-1.1995E-02	1.17004	0.1481E-01	0.0
423	121.5	997.8	829.3	0.43275	-1.2019E-02	1.16806	0.1310E-01	0.0
423	122.0	998.2	829.5	0.43272	-1.2046E-02	1.16904	0.1394E-01	0.5
423	122.5	998.1	829.2	0.43272	-1.2086E-02	1.16830	0.1331E-01	0.0
423	123.0	998.1	829.2	0.43271	-1.2108E-02	1.17024	0.1499E-01	0.0
423	123.5	998.2	829.1	0.43270	-1.2123E-02	1.17029	0.1503E-01	0.0
423	124.0	997.5	829.2	0.43263	-1.2183E-02	1.17036	0.1511E-01	0.5
423	124.5	998.5	829.2	0.43266	-1.2226E-02	1.17044	0.1516E-01	0.5
423	125.0	998.2	829.0	0.43267	-1.2265E-02	1.17044	0.1516E-01	0.0
423	125.5	998.3	829.3	0.43263	-1.2280E-02	1.17129	0.1589E-01	0.0
423	126.0	998.3	829.3	0.43264	-1.2273E-02	1.17571	0.1973E-01	0.5
423	126.5	998.1	829.1	0.43262	-1.2302E-02	1.17258	0.1702E-01	0.5
423	127.0	998.5	829.3	0.43261	-1.2340E-02	1.16864	0.1360E-01	0.5
423	127.5	998.3	829.0	0.43259	-1.2373E-02	1.16930	0.1417E-01	0.5
423	128.0	997.9	829.4	0.43261	-1.2325E-02	1.17275	0.1716E-01	0.5
423	128.5	998.3	828.9	0.43258	-1.2392E-02	1.17066	0.1554E-01	0.5
423	129.0	998.4	829.1	0.43259	-1.2370E-02	1.17084	0.1550E-01	0.0
423	129.5	997.6	829.3	0.43257	-1.2415E-02	1.17104	0.1566E-01	0.0
423	130.0	997.9	829.3	0.43256	-1.2445E-02	1.17105	0.1564E-01	0.5
423	130.5	998.3	829.1	0.43257	-1.2430E-02	1.17417	0.1834E-01	0.5
423	131.0	997.9	829.2	0.43255	-1.2482E-02	1.17305	0.1742E-01	0.5
423	131.5	998.1	829.3	0.43249	-1.2602E-02	1.17559	0.1962E-01	0.0
423	132.0	998.0	829.2	0.43251	-1.2572E-02	1.17066	0.1535E-01	0.5
423	132.5	998.5	828.7	0.43249	-1.2617E-02	1.17327	0.1762E-01	0.0
423	133.0	998.6	828.7	0.43249	-1.2609E-02	1.17136	0.1595E-01	0.0
423	133.5	998.9	829.1	0.43249	-1.2609E-02	1.17288	0.1728E-01	0.0
423	134.0	998.9	829.2	0.43249	-1.2617E-02	1.17470	0.1885E-01	0.5
423	134.5	999.0	829.1	0.43247	-1.2654E-02	1.17158	0.1615E-01	0.0
423	135.0	998.9	829.0	0.43246	-1.2684E-02	1.17165	0.1621E-01	0.0
423	135.5	999.0	829.5	0.43245	-1.2706E-02	1.17517	0.1926E-01	0.0
423	136.0	999.2	829.6	0.43244	-1.2721E-02	1.16929	0.1416E-01	0.0
423	136.5	999.2	829.4	0.43245	-1.2706E-02	1.17182	0.1636E-01	0.0
423	137.0	999.1	829.7	0.43241	-1.2803E-02	1.17327	0.1762E-01	0.5
423	137.5	999.0	829.7	0.43240	-1.2811E-02	1.16994	0.1473E-01	0.5
423	138.0	998.8	829.5	0.43237	-1.2878E-02	1.17123	0.1584E-01	0.0
423	138.5	998.6	829.2	0.43237	-1.2893E-02	1.17076	0.1543E-01	0.5
423	139.0	999.9	829.8	0.43237	-1.2846E-02	1.17215	0.1665E-01	0.5
423	139.5	999.0	829.8	0.43236	-1.2908E-02	1.17091	0.1548E-01	0.0
423	140.0	999.0	829.8	0.43234	-1.2960E-02	1.17159	0.1616E-01	0.0
423	140.5	999.0	829.7	0.43232	-1.2998E-02	1.17232	0.1674E-01	0.0
423	141.0	998.8	829.7	0.43231	-1.3035E-02	1.16995	0.1473E-01	0.5
423	141.5	998.6	829.8	0.43230	-1.3050E-02	1.17242	0.1688E-01	0.5
423	142.0	998.6	830.0	0.43229	-1.3080E-02	1.17043	0.1515E-01	0.5
423	142.5	998.9	829.8	0.43226	-1.3102E-02	1.17204	0.1655E-01	0.5
423	143.0	998.5	829.8	0.43226	-1.3087E-02	1.17382	0.1809E-01	0.5
423	143.5	998.4	829.8	0.43225	-1.3102E-02	1.17567	0.1969E-01	0.0
423	144.0	998.8	830.0	0.43227	-1.3117E-02	1.17229	0.1676E-01	0.0
423	144.5	998.5	829.8	0.43224	-1.3192E-02	1.17281	0.1721E-01	0.0
423	145.0	998.9	829.8	0.43223	-1.3201E-02	1.17637	0.2030E-01	0.5
423	145.5	999.9	829.8	0.43225	-1.3178E-02	1.17256	0.1700E-01	0.0
423	146.0	998.1	829.6	0.43220	-1.3246E-02	1.17296	0.1734E-01	0.0
423	146.5	998.4	829.6	0.43221	-1.3252E-02	1.17234	0.1681E-01	0.0
423	147.0	998.5	829.7	0.43222	-1.3222E-02	1.17304	0.1741E-01	0.5

423	147.5	998.6	829.5	0.43217	-1.3344E-02	1.17284	0.1724E-01	0.5
423	148.0	998.9	829.5	0.43218	-1.3334E-02	1.17319	0.1755E-01	0.5
423	148.5	999.0	829.5	0.43215	-1.3402E-02	1.17324	0.1759E-01	0.5
423	149.0	999.9	829.3	0.43213	-1.3446E-02	1.17466	0.1400E-01	0.0
423	149.5	999.5	829.4	0.43211	-1.3476E-02	1.17337	0.1770E-01	0.0
423	150.0	999.7	829.6	0.43212	-1.3454E-02	1.17560	0.1481E-01	0.5
423	150.5	999.7	828.9	0.43212	-1.3461E-02	1.17917	0.2273E-01	0.0
423	151.0	999.6	829.7	0.43216	-1.3514E-02	1.17527	0.1435E-01	0.0
423	151.5	999.5	829.8	0.43209	-1.3529E-02	1.17357	0.1787E-01	0.0
423	152.0	999.7	829.5	0.43206	-1.3556E-02	1.17367	0.1796E-01	0.5
423	152.5	999.6	829.1	0.43207	-1.3584E-02	1.17543	0.1449E-01	0.0
423	153.0	999.7	829.7	0.43207	-1.3581E-02	1.17129	0.1589E-01	0.5
423	153.5	999.5	829.7	0.43205	-1.3633E-02	1.17136	0.1595E-01	0.5
423	154.0	999.1	830.1	0.43205	-1.3633E-02	1.17765	0.2141E-01	0.0
423	154.5	998.8	829.9	0.43201	-1.3794E-02	1.17596	0.1994E-01	0.5
423	155.0	999.7	829.8	0.43200	-1.3730E-02	1.17597	0.1495E-01	0.0
423	155.5	999.6	829.7	0.43198	-1.3779E-02	1.17596	0.1494E-01	0.5
423	156.0	999.5	829.6	0.43197	-1.3805E-02	1.17192	0.1644E-01	0.5
423	156.5	999.6	829.7	0.43196	-1.3843E-02	1.17423	0.1845E-01	0.0
423	157.0	999.4	829.6	0.43194	-1.3872E-02	1.17395	0.1620E-01	0.0
423	157.5	999.7	829.4	0.43194	-1.3872E-02	1.16638	0.1337E-01	0.5
423	158.0	999.5	829.3	0.43194	-1.3887E-02	1.17439	0.1355E-01	0.0
423	158.5	999.0	829.2	0.43194	-1.3880E-02	1.17441	0.1661E-01	0.0
423	159.0	999.1	829.4	0.43191	-1.3955E-02	1.17453	0.1871E-01	0.0
423	159.5	999.0	829.7	0.43191	-1.3940E-02	1.17419	0.1641E-01	0.5
423	160.0	998.8	829.7	0.43189	-1.3992E-02	1.17467	0.1883E-01	0.5
423	160.5	998.6	829.8	0.43188	-1.4022E-02	1.17667	0.2056E-01	0.5
423	161.0	999.3	829.5	0.43187	-1.4029E-02	1.17673	0.2061E-01	0.0
423	161.5	998.8	829.4	0.43186	-1.4067E-02	1.17425	0.1846E-01	0.5
423	162.0	999.3	829.4	0.43183	-1.4142E-02	1.17487	0.1400E-01	0.0
423	162.5	999.7	829.7	0.43183	-1.4134E-02	1.17497	0.1909E-01	0.0
423	163.0	998.7	829.5	0.43181	-1.4172E-02	1.17595	0.2081E-01	0.0
423	163.5	999.1	829.5	0.43191	-1.4172E-02	1.17480	0.1644E-01	0.0
423	164.0	999.0	829.7	0.43180	-1.4194E-02	1.17516	0.1926E-01	0.0
423	164.5	999.1	829.3	0.43179	-1.4224E-02	1.17334	0.1767E-01	0.0
423	165.0	998.9	829.1	0.43177	-1.4254E-02	1.17747	0.2125E-01	0.5
423	165.5	998.9	829.5	0.43176	-1.4291E-02	1.17726	0.2107E-01	0.0
423	166.0	999.1	829.7	0.43174	-1.4326E-02	1.17504	0.1915E-01	0.0
423	166.5	999.1	829.8	0.43173	-1.4366E-02	1.17721	0.2103E-01	0.5
423	167.0	998.7	829.8	0.43171	-1.4403E-02	1.17555	0.1959E-01	0.0
423	167.5	999.0	829.7	0.43171	-1.4418E-02	1.17733	0.2114E-01	0.0
423	168.0	999.0	829.5	0.43171	-1.4412E-02	1.17570	0.1972E-01	0.0
423	168.5	998.8	830.0	0.43169	-1.4463E-02	1.17760	0.2137E-01	0.5
423	169.0	998.7	829.4	0.43167	-1.4502E-02	1.17526	0.1934E-01	0.5
423	169.5	998.7	829.7	0.43166	-1.4530E-02	1.17558	0.1462E-01	0.0
423	170.0	998.9	829.8	0.43164	-1.4560E-02	1.17579	0.1480E-01	0.0
423	170.5	999.0	829.8	0.43164	-1.4554E-02	1.17329	0.1616E-01	0.5
423	171.0	998.5	830.1	0.43163	-1.4590E-02	1.17742	0.2127E-01	0.5
423	171.5	998.5	829.4	0.43163	-1.4599E-02	1.17409	0.2005E-01	0.0
423	172.0	998.6	829.6	0.43161	-1.4642E-02	1.17546	0.2211E-01	0.0
423	172.5	998.7	829.9	0.43161	-1.4650E-02	1.17254	0.1592E-01	0.0
423	173.0	999.1	829.8	0.43159	-1.4687E-02	1.17624	0.2019E-01	0.0
423	173.5	998.6	829.9	0.43158	-1.4717E-02	1.17431	0.1652E-01	0.0
423	174.0	998.9	829.7	0.43157	-1.4732E-02	1.17540	0.2033E-01	0.0
423	174.5	998.7	829.9	0.43156	-1.4762E-02	1.17449	0.1668E-01	0.0
423	175.0	998.6	829.8	0.43157	-1.4725E-02	1.17442	0.1661E-01	0.0
423	175.5	998.4	829.8	0.43153	-1.4814E-02	1.17249	0.1694E-01	0.5
423	176.0	998.7	830.1	0.43154	-1.4749E-02	1.17636	0.2024E-01	0.0
423	176.5	998.9	829.9	0.43154	-1.4807E-02	1.17546	0.2056E-01	0.0
423	177.0	998.8	829.7	0.43152	-1.4837E-02	1.17665	0.2057E-01	0.0

423	177.5	998.6	829.4	0.43151	-.4867E-02	1.17621	0.2064E-01	0.0
423	178.0	998.5	829.8	0.43149	-.4914E-02	1.17665	0.2074E-01	0.5
423	178.5	998.5	829.6	0.43149	-.4927E-02	1.17707	0.2090E-01	0.5
423	179.0	998.5	829.7	0.43146	-.4979E-02	1.17735	0.2089E-01	0.0
423	179.5	998.3	829.8	0.43146	-.4979E-02	1.17597	0.1917E-01	0.0
423	180.0	998.5	829.6	0.43146	-.4979E-02	1.17723	0.2105E-01	0.0
423	180.5	998.0	829.9	0.43145	-.5009E-02	1.17719	0.2102E-01	0.0
423	181.0	998.4	829.8	0.43144	-.5031E-02	1.17665	0.2072E-01	0.5
423	181.5	998.5	830.1	0.43140	-.5113E-02	1.17736	0.2116E-01	0.5
423	182.0	998.7	829.6	0.43140	-.5121E-02	1.17736	0.2116E-01	0.0
423	182.5	999.1	829.4	0.43139	-.5136E-02	1.17558	0.1962E-01	0.0
423	183.0	999.5	829.1	0.43138	-.5152E-02	1.17752	0.2134E-01	0.0

424	281.5	999.5	21.3	0.43531	0.3737E-02	1.16978	0.2690E-02	0.7
424	282.0	998.3	22.2	0.43531	0.3737E-02	1.16979	0.2900E-02	0.5
424	282.5	999.1	22.7	0.43532	0.3752E-02	1.16984	0.2943E-02	0.5
424	283.0	999.4	21.6	0.43533	0.3767E-02	1.16977	0.2683E-02	0.5
424	283.5	1000.0	22.6	0.43532	0.3745E-02	1.16982	0.2920E-02	0.5
424	284.0	999.3	23.0	0.43532	0.3749E-02	1.16978	0.2693E-02	0.5
424	284.5	999.8	23.2	0.43532	0.3749E-02	1.16978	0.2693E-02	0.5
424	285.0	1000.2	23.2	0.43531	0.3737E-02	1.16983	0.2933E-02	0.5
424	285.5	999.4	23.3	0.43529	0.3685E-02	1.16975	0.2660E-02	0.6
424	286.0	999.3	320.0	0.43509	0.3229E-02	1.17117	0.4081E-02	0.6
424	286.5	998.5	813.7	0.43452	0.1995E-02	1.17493	0.7301E-02	0.9
424	287.0	998.8	816.6	0.43444	0.1712E-02	1.17532	0.7641E-02	0.5
424	287.5	999.0	814.3	0.43439	0.1607E-02	1.17565	0.7924E-02	0.5
424	288.0	998.8	815.6	0.43435	0.1510E-02	1.17590	0.8133E-02	0.6
424	288.5	999.8	818.1	0.43429	0.1383E-02	1.17618	0.8375E-02	0.7
424	289.0	999.3	818.2	0.43425	0.1278E-02	1.17637	0.8536E-02	0.5
424	289.5	999.6	818.9	0.43417	0.1091E-02	1.17658	0.8723E-02	0.7
424	290.0	999.0	818.2	0.43415	0.1054E-02	1.17676	0.8671E-02	0.5
424	290.5	999.4	817.9	0.43410	0.9492E-03	1.17692	0.9009E-02	0.6
424	291.0	999.1	816.2	0.43411	0.9567E-03	1.17711	0.9176E-02	0.6
424	291.5	999.6	817.2	0.43408	0.8894E-03	1.17727	0.9312E-02	0.5
424	292.0	999.2	816.9	0.43402	0.7624E-03	1.17745	0.9462E-02	0.6
424	292.5	999.3	816.1	0.43400	0.7028E-03	1.17759	0.9582E-02	0.5
424	293.0	999.5	816.6	0.43398	0.6728E-03	1.17776	0.9726E-02	0.5
424	293.5	999.5	816.8	0.43398	0.6652E-03	1.17792	0.9871E-02	0.7
424	294.0	999.7	816.7	0.43394	0.5681E-03	1.17832	0.8493E-02	0.5
424	294.5	998.4	817.0	0.43393	0.5456E-03	1.17819	0.1010E-01	0.6
424	295.0	999.0	816.1	0.43390	0.4709E-03	1.17833	0.1022E-01	0.6
424	295.5	999.3	815.3	0.43386	0.3887E-03	1.17848	0.1035E-01	0.6
424	296.0	999.3	816.0	0.43382	0.2915E-03	1.17806	0.1001E-01	0.5
424	296.5	999.8	816.3	0.43379	0.2317E-03	1.17872	0.1055E-01	0.5
424	297.0	999.5	816.2	0.43374	0.1944E-03	1.17887	0.1066E-01	0.6
424	297.5	999.5	817.0	0.43374	0.1196E-03	1.17896	0.1076E-01	0.7
424	298.0	1000.0	817.2	0.43371	0.3729E-04	1.17915	0.1093E-01	0.5
424	298.5	999.5	819.2	0.43367	-0.4475E-04	1.17931	0.1106E-01	0.5
424	299.0	999.0	823.3	0.43366	-0.6727E-04	1.17945	0.1118E-01	0.5
424	299.5	998.9	824.8	0.43363	-0.1495E-03	1.17962	0.1132E-01	0.6
424	300.0	998.7	825.3	0.43360	-0.2093E-03	1.17972	0.1141E-01	0.6
424	300.5	999.2	824.9	0.43359	-0.2392E-03	1.17985	0.1152E-01	0.7
424	301.0	999.4	825.1	0.43357	-0.2765E-03	1.17998	0.1164E-01	0.6
424	301.5	999.1	824.8	0.43354	-0.3435E-03	1.17880	0.1062E-01	0.6
424	302.0	999.1	825.1	0.43351	-0.4185E-03	1.18027	0.1188E-01	0.5
424	302.5	999.3	826.0	0.43348	-0.5008E-03	1.18039	0.1199E-01	0.5
424	303.0	999.0	826.6	0.43345	-0.5532E-03	1.18057	0.1214E-01	0.6
424	303.5	998.9	827.2	0.43343	-0.6129E-03	1.18063	0.1220E-01	0.5
424	304.0	999.1	827.4	0.43342	-0.6204E-03	1.18041	0.1235E-01	0.6
424	304.5	999.3	827.6	0.43339	-0.6876E-03	1.18095	0.1248E-01	0.7
424	305.0	998.8	827.9	0.43337	-0.7400E-03	1.18107	0.1257E-01	0.5
424	305.5	999.3	827.9	0.43332	-0.8521E-03	1.18119	0.1266E-01	1.0
424	306.0	999.5	828.0	0.43329	-0.9194E-03	1.18131	0.1278E-01	0.6
424	306.5	999.3	828.1	0.43326	-0.9493E-03	1.18144	0.1289E-01	0.5
424	307.0	999.5	827.6	0.43326	-0.9667E-03	1.18156	0.1299E-01	0.5
424	307.5	999.1	828.5	0.43324	-0.1039E-02	1.18164	0.1306E-01	0.5
424	308.0	999.7	828.5	0.43322	-0.1094E-02	1.18185	0.1323E-01	0.6
424	308.5	999.8	828.6	0.43321	-0.1106E-02	1.18200	0.1336E-01	0.6
424	309.0	999.1	828.6	0.43320	-0.1144E-02	1.18208	0.1303E-01	0.6
424	309.5	998.5	828.8	0.43315	-0.1256E-02	1.18213	0.1346E-01	0.6
424	310.0	998.8	828.9	0.43312	-0.1323E-02	1.18230	0.1363E-01	0.5
424	310.5	998.5	828.2	0.43311	-0.1336E-02	1.18248	0.1372E-01	0.6
424	311.0	999.1	827.7	0.43310	-0.1360E-02	1.18256	0.1346E-01	0.6

424	311.5	999.1	827.4	0.43307	-.1435E-02	1.18274	0.1400E-01	0.6
424	312.0	999.9	827.4	0.43303	-.1532E-02	1.18245	0.1410E-01	0.6
424	312.5	998.9	827.4	0.43301	-.1545E-02	1.18243	0.1416E-01	0.5
424	313.0	998.6	827.3	0.43299	-.1615E-02	1.18254	0.1343E-01	0.5
424	313.5	998.7	827.4	0.43296	-.1642E-02	1.18315	0.1435E-01	0.5
424	314.0	998.1	828.1	0.43294	-.1697E-02	1.18329	0.1447E-01	0.5
424	314.5	998.9	827.3	0.43293	-.1749E-02	1.18343	0.1459E-01	0.6
424	315.0	999.3	827.2	0.43292	-.1779E-02	1.18357	0.1471E-01	0.7
424	315.5	999.3	827.6	0.43291	-.1809E-02	1.18370	0.1483E-01	0.7
424	316.0	999.1	827.8	0.43287	-.1841E-02	1.18378	0.1489E-01	0.5
424	316.5	999.2	827.6	0.43283	-.1941E-02	1.18390	0.1500E-01	0.5
424	317.0	998.9	827.6	0.43279	-.2070E-02	1.18398	0.1506E-01	0.5
424	317.5	999.1	827.5	0.43280	-.2063E-02	1.18415	0.1521E-01	0.6
424	318.0	998.9	827.4	0.43276	-.2145E-02	1.18428	0.1532E-01	0.5
424	318.5	998.9	827.4	0.43274	-.2196E-02	1.18438	0.1541E-01	0.5
424	319.0	998.4	827.5	0.43269	-.2302E-02	1.18456	0.1556E-01	0.5
424	319.5	998.5	827.7	0.43269	-.2317E-02	1.18472	0.1569E-01	0.5
424	320.0	998.8	827.8	0.43266	-.2377E-02	1.18479	0.1575E-01	0.6
424	320.5	998.7	827.6	0.43265	-.2414E-02	1.18491	0.1586E-01	0.5
424	321.0	998.9	827.9	0.43265	-.2414E-02	1.18532	0.1621E-01	0.5
424	321.5	999.1	827.9	0.43261	-.2507E-02	1.18399	0.1597E-01	0.5
424	322.0	998.6	827.8	0.43258	-.2556E-02	1.18526	0.1616E-01	0.5
424	322.5	999.1	828.1	0.43255	-.2639E-02	1.18536	0.1625E-01	0.6
424	323.0	998.7	827.8	0.43255	-.2631E-02	1.18546	0.1635E-01	0.6
424	323.5	999.0	827.7	0.43251	-.2728E-02	1.18562	0.1647E-01	0.6
424	324.0	999.0	828.0	0.43250	-.2758E-02	1.18574	0.1657E-01	0.7
424	324.5	998.9	827.9	0.43245	-.2855E-02	1.18588	0.1670E-01	0.7
424	325.0	999.2	827.6	0.43244	-.2893E-02	1.18602	0.1682E-01	0.6
424	325.5	999.3	827.6	0.43239	-.2947E-02	1.18615	0.1692E-01	0.5
424	326.0	999.6	827.8	0.43235	-.3065E-02	1.18622	0.1697E-01	0.5
424	326.5	999.4	827.6	0.43232	-.3162E-02	1.18729	0.1790E-01	0.6
424	327.0	998.9	827.8	0.43232	-.3154E-02	1.18649	0.1722E-01	0.6
424	327.5	999.0	827.5	0.43229	-.3236E-02	1.18690	0.1756E-01	0.5
424	328.0	999.4	827.8	0.43228	-.3266E-02	1.18675	0.1744E-01	0.5
424	328.5	999.5	827.7	0.43226	-.3296E-02	1.18649	0.1756E-01	0.6
424	329.0	999.0	827.6	0.43224	-.3340E-02	1.18701	0.1760E-01	0.5
424	329.5	999.4	827.5	0.43221	-.3423E-02	1.18657	0.1729E-01	0.6
424	330.0	999.3	827.9	0.43217	-.3521E-02	1.18722	0.1784E-01	0.5
424	330.5	999.5	827.4	0.43212	-.3625E-02	1.18736	0.1796E-01	0.8
424	331.0	999.1	827.8	0.43213	-.3545E-02	1.18746	0.1805E-01	0.5
424	331.5	999.3	827.7	0.43209	-.3642E-02	1.18756	0.1813E-01	0.4
424	332.0	999.3	827.6	0.43208	-.3722E-02	1.18772	0.1827E-01	0.5
424	332.5	999.3	828.0	0.43205	-.3797E-02	1.18791	0.1843E-01	0.5
424	333.0	999.1	827.6	0.43202	-.3857E-02	1.18802	0.1853E-01	0.5
424	333.5	999.6	827.5	0.43203	-.3842E-02	1.18477	0.1574E-01	0.5
424	334.0	999.2	827.4	0.43199	-.3932E-02	1.18622	0.1670E-01	0.6
424	334.5	999.4	827.8	0.43196	-.3991E-02	1.18633	0.1679E-01	0.6
424	335.0	998.8	827.6	0.43196	-.3991E-02	1.18649	0.1693E-01	0.5
424	335.5	999.6	827.7	0.43195	-.4021E-02	1.18654	0.1696E-01	0.5
424	336.0	999.0	827.8	0.43190	-.4111E-02	1.18670	0.1911E-01	0.5
424	336.5	999.5	827.9	0.43189	-.4146E-02	1.18683	0.1923E-01	0.5
424	337.0	998.5	827.7	0.43187	-.4201E-02	1.18694	0.1935E-01	0.6
424	337.5	999.1	827.8	0.43185	-.4236E-02	1.18691	0.1946E-01	0.6
424	338.0	998.9	827.5	0.43182	-.4313E-02	1.18421	0.1955E-01	0.5
424	338.5	999.1	827.5	0.43179	-.4380E-02	1.18933	0.1965E-01	0.7
424	339.0	999.3	827.7	0.43179	-.4380E-02	1.18945	0.1975E-01	0.5
424	339.5	998.8	829.0	0.43176	-.4455E-02	1.18959	0.1987E-01	0.6
424	340.0	999.7	827.6	0.43172	-.4554E-02	1.18973	0.1999E-01	0.6
424	340.5	999.7	827.7	0.43170	-.4597E-02	1.19057	0.2071E-01	0.5
424	341.0	999.0	827.7	0.43167	-.4672E-02	1.18943	0.2017E-01	0.6

424	341.5	999.2	827.4	0.43164	-.4731E-02	1.19007	0.2030E-01	0.6
424	342.0	999.3	827.4	0.43162	-.4734E-02	1.19027	0.2046E-01	0.5
424	342.5	999.3	827.6	0.43157	-.4844E-02	1.19038	0.2055E-01	0.5
424	343.0	999.8	827.4	0.43154	-.4963E-02	1.19048	0.2064E-01	0.7
424	343.5	999.1	827.4	0.43150	-.5045E-02	1.19056	0.2070E-01	0.6
424	344.0	999.2	827.5	0.43146	-.5142E-02	1.19071	0.2083E-01	0.5
424	344.5	999.5	827.6	0.43146	-.5157E-02	1.19084	0.2094E-01	0.6
424	345.0	999.2	827.2	0.43145	-.5126E-02	1.19216	0.2209E-01	0.6
424	345.5	999.8	827.6	0.43345	-.5600E-03	1.19111	0.2116E-01	0.6
424	346.0	999.4	827.5	0.43141	-.5270E-02	1.19122	0.2127E-01	0.6
424	346.5	999.6	827.7	0.43138	-.5337E-02	1.19139	0.2142E-01	0.6
424	347.0	999.3	827.4	0.43136	-.5374E-02	1.19146	0.2150E-01	0.8
424	347.5	999.0	827.3	0.43134	-.5434E-02	1.19161	0.2161E-01	0.5
424	348.0	999.8	827.4	0.43132	-.5471E-02	1.19172	0.2170E-01	0.6
424	348.5	999.8	827.2	0.43129	-.5536E-02	1.19188	0.2184E-01	0.5
424	349.0	999.1	827.4	0.43129	-.5546E-02	1.19189	0.2193E-01	0.5
424	349.5	999.7	827.2	0.43127	-.5578E-02	1.19215	0.2207E-01	0.5
424	350.0	999.2	827.1	0.43127	-.5591E-02	1.19252	0.2239E-01	0.6
424	350.5	999.3	827.2	0.43125	-.5643E-02	1.19237	0.2226E-01	0.7
424	351.0	1000.0	827.3	0.43122	-.5711E-02	1.19251	0.2238E-01	0.5
424	351.5	999.6	827.4	0.43120	-.5740E-02	1.19261	0.2246E-01	0.6
424	352.0	999.0	827.4	0.43122	-.5696E-02	1.19281	0.2263E-01	0.6
424	352.5	999.2	827.0	0.43119	-.5770E-02	1.19295	0.2275E-01	0.5
424	353.0	999.3	827.0	0.43115	-.5807E-02	1.19305	0.2284E-01	0.5
424	353.5	999.6	827.3	0.43110	-.5908E-02	1.19319	0.2296E-01	0.9
424	354.0	999.1	827.3	0.43106	-.6077E-02	1.19329	0.2304E-01	0.5
424	354.5	999.3	827.3	0.43099	-.6226E-02	1.19344	0.2318E-01	0.6
424	355.0	999.0	827.1	0.43097	-.6279E-02	1.19353	0.2325E-01	0.5
424	355.5	999.1	827.0	0.43093	-.6376E-02	1.19364	0.2334E-01	0.5
424	356.0	999.3	827.1	0.43089	-.6473E-02	1.19376	0.2345E-01	0.7
424	356.5	999.0	827.4	0.43087	-.6510E-02	1.19392	0.2358E-01	0.6
424	357.0	999.8	826.7	0.43086	-.6546E-02	1.19408	0.2372E-01	0.7
424	357.5	999.3	826.6	0.43081	-.6652E-02	1.19421	0.2384E-01	0.6
424	358.0	999.2	826.7	0.43080	-.6675E-02	1.19438	0.2398E-01	0.7
424	358.5	999.0	826.7	0.43075	-.6787E-02	1.19449	0.2406E-01	0.5
424	359.0	999.0	826.4	0.43074	-.6802E-02	1.19461	0.2417E-01	0.5
424	359.5	999.8	826.6	0.43069	-.6914E-02	1.19472	0.2427E-01	0.5
424	360.0	999.1	826.7	0.43058	-.6936E-02	1.19487	0.2440E-01	0.7
424	360.5	999.7	826.7	0.43065	-.7026E-02	1.19500	0.2451E-01	0.9
424	361.0	999.1	826.8	0.43060	-.7123E-02	1.19513	0.2463E-01	0.5
424	361.5	999.4	826.3	0.43056	-.7183E-02	1.19526	0.2474E-01	0.5
424	362.0	999.6	826.4	0.43056	-.7228E-02	1.19541	0.2486E-01	0.5
424	362.5	999.2	826.4	0.43054	-.7265E-02	1.19553	0.2497E-01	0.6
424	363.0	999.9	826.7	0.43051	-.7340E-02	1.19665	0.2593E-01	0.6
424	363.5	999.7	826.3	0.43048	-.7415E-02	1.19585	0.2524E-01	0.6
424	364.0	999.2	826.5	0.43045	-.7475E-02	1.19595	0.2532E-01	0.7
424	364.5	999.1	827.0	0.43043	-.7534E-02	1.19609	0.2545E-01	0.5
424	365.0	999.0	826.5	0.43040	-.7587E-02	1.19616	0.2553E-01	0.5
424	365.5	999.5	826.6	0.43040	-.7602E-02	1.19631	0.2564E-01	0.6
424	366.0	999.6	826.6	0.43036	-.7676E-02	1.19646	0.2577E-01	0.5
424	366.5	999.4	826.7	0.43033	-.7753E-02	1.19662	0.2590E-01	0.5
424	367.0	999.3	826.6	0.43030	-.7833E-02	1.19674	0.2600E-01	0.7
424	367.5	999.2	826.9	0.43028	-.7872E-02	1.19684	0.2609E-01	0.5
424	368.0	999.6	827.0	0.43023	-.7943E-02	1.19676	0.2602E-01	0.5
424	368.5	999.2	826.5	0.43021	-.8035E-02	1.19716	0.2636E-01	0.6
424	369.0	999.4	827.0	0.43019	-.8080E-02	1.19731	0.2649E-01	0.6
424	369.5	999.1	827.0	0.43016	-.8147E-02	1.19741	0.2658E-01	0.6
424	370.0	999.7	826.5	0.43012	-.8237E-02	1.19753	0.2668E-01	0.5
424	370.5	999.3	826.1	0.43012	-.8234E-02	1.19767	0.2674E-01	0.5
424	371.0	999.2	826.7	0.43008	-.8319E-02	1.19780	0.2691E-01	0.5

424	371.5	999.9	826.6	0.43004	-0.8424E-02	1.19795	0.2704E-01	0.5
424	372.0	999.5	826.4	0.43002	-0.8441E-02	1.19811	0.2718E-01	0.6
424	372.5	999.2	826.4	0.43001	-0.8499E-02	1.19826	0.2731E-01	0.5
424	373.0	999.0	826.5	0.42996	-0.8597E-02	1.19840	0.2743E-01	0.6
424	373.5	999.3	826.7	0.42994	-0.8644E-02	1.19852	0.2753E-01	0.5
424	374.0	998.9	826.0	0.42993	-0.8645E-02	1.19863	0.2762E-01	0.6
424	374.5	999.1	825.2	0.42991	-0.8723E-02	1.19967	0.2937E-01	0.7
424	375.0	999.4	826.5	0.42988	-0.8763E-02	1.19990	0.2785E-01	0.6
424	375.5	999.3	826.0	0.42985	-0.8865E-02	1.19906	0.2800E-01	0.5
424	376.0	999.5	826.2	0.42982	-0.8932E-02	1.19924	0.2814E-01	0.6
424	376.5	999.2	825.5	0.42980	-0.8946E-02	1.19934	0.2824E-01	0.5
424	377.0	999.2	826.0	0.42979	-0.9007E-02	1.19952	0.2838E-01	0.7
424	377.5	999.2	825.7	0.42978	-0.9031E-02	1.19962	0.2847E-01	0.5
424	378.0	999.3	825.7	0.42974	-0.9119E-02	1.19977	0.2860E-01	0.7
424	378.5	999.1	825.6	0.42971	-0.9194E-02	1.19989	0.2871E-01	0.6
424	379.0	998.8	825.9	0.42970	-0.9216E-02	1.20112	0.2976E-01	0.5
424	379.5	999.2	825.7	0.42967	-0.9283E-02	1.20014	0.2892E-01	0.5
424	380.0	999.1	825.9	0.42963	-0.9365E-02	1.20028	0.2903E-01	0.7
424	380.5	999.1	825.5	0.42958	-0.9485E-02	1.20043	0.2916E-01	0.5
424	381.0	999.3	825.8	0.42956	-0.9523E-02	1.20059	0.2936E-01	0.5
424	381.5	999.1	825.3	0.42953	-0.9605E-02	1.20069	0.2939E-01	0.6
424	382.0	999.6	825.9	0.42951	-0.9635E-02	1.20088	0.2955E-01	0.5
424	382.5	999.0	824.9	0.42949	-0.9687E-02	1.20101	0.2966E-01	0.5
424	383.0	998.9	825.5	0.42946	-0.9769E-02	1.16622	-0.1598E-03	0.8
424	383.5	999.0	825.5	0.42941	-0.9881E-02	1.20130	0.2991E-01	0.5
424	384.0	999.2	825.5	0.42940	-0.9996E-02	1.20144	0.3003E-01	0.6
424	384.5	999.5	825.1	0.42936	-0.9934E-02	1.20156	0.3014E-01	0.6
424	385.0	999.0	825.3	0.42936	-0.9984E-02	1.20172	0.3027E-01	0.6
424	385.5	999.2	825.2	0.42931	-1.0111E-01	1.20184	0.3037E-01	0.5
424	386.0	999.0	825.4	0.42927	-1.0191E-01	1.20198	0.3050E-01	0.7
424	386.5	999.0	825.3	0.42925	-1.0244E-01	1.19969	0.2853E-01	0.6
424	387.0	999.4	824.9	0.42923	-1.0291E-01	1.20228	0.3076E-01	0.6
424	387.5	998.9	825.2	0.42918	-1.0400E-01	1.20241	0.3087E-01	0.6
424	388.0	998.9	824.9	0.42916	-1.0451E-01	1.18635	0.1709E-01	0.5
424	388.5	999.4	824.8	0.42913	-1.0521E-01	1.20259	0.3111E-01	0.5
424	389.0	999.4	825.0	0.42910	-1.0581E-01	1.20287	0.3126E-01	1.0
424	389.5	999.2	825.0	0.42905	-1.0701E-01	1.20303	0.3140E-01	0.5
424	390.0	999.0	825.1	0.42902	-1.0761E-01	1.20315	0.3150E-01	0.5
424	390.5	999.2	825.0	0.42902	-1.0761E-01	1.20329	0.3162E-01	0.6
424	391.0	999.4	825.2	0.42900	-1.0831E-01	1.20346	0.3177E-01	0.5
424	391.5	999.0	825.1	0.42894	-1.0941E-01	1.20358	0.3187E-01	0.5
424	392.0	999.2	825.1	0.42891	-1.1021E-01	1.20372	0.3199E-01	0.6
424	392.5	998.7	825.3	0.42889	-1.1081E-01	1.20388	0.3213E-01	0.7
424	393.0	998.7	824.9	0.42886	-1.1114E-01	1.20402	0.3224E-01	0.5
424	393.5	999.3	825.1	0.42883	-1.1113E-01	1.20416	0.3236E-01	0.6
424	394.0	999.0	824.9	0.42884	-1.1120E-01	1.20437	0.3254E-01	0.6
424	394.5	999.2	825.0	0.42881	-1.1126E-01	1.20447	0.3263E-01	1.0
424	395.0	999.3	825.0	0.42879	-1.1129E-01	1.20460	0.3274E-01	0.6
424	395.5	999.0	824.7	0.42874	-1.1143E-01	1.20474	0.3286E-01	0.5
424	396.0	998.9	824.8	0.42872	-1.1147E-01	1.20490	0.3300E-01	0.6
424	396.5	999.3	825.0	0.42867	-1.1159E-01	1.20504	0.3312E-01	0.5
424	397.0	999.2	824.7	0.42863	-1.1168E-01	1.20518	0.3324E-01	0.7
424	397.5	998.9	825.2	0.42860	-1.1174E-01	1.20536	0.3341E-01	0.5
424	398.0	999.2	824.7	0.42856	-1.1183E-01	1.20551	0.3353E-01	0.6
424	398.5	999.3	824.4	0.42853	-1.1190E-01	1.20564	0.3363E-01	0.5
424	399.0	999.2	824.5	0.42847	-1.1213E-01	1.20578	0.3375E-01	0.5
424	399.5	999.1	824.7	0.42846	-1.1206E-01	1.20592	0.3388E-01	0.6
424	400.0	998.7	824.8	0.42841	-1.1219E-01	1.20607	0.3400E-01	0.5
424	400.5	999.2	824.5	0.42839	-1.1222E-01	1.20624	0.3415E-01	0.6
424	401.0	999.1	824.5	0.42837	-1.1226E-01	1.20640	0.3429E-01	0.5

424	401.5	999.1	824.6	0.42833	-.1237E-01	1.20653	0.3440E-01	0.5
424	402.0	998.0	824.7	0.42830	-.1245E-01	1.20671	0.3455E-01	0.5
424	402.5	998.8	824.7	0.42827	-.1251E-01	1.20655	0.3467E-01	0.5
424	403.0	999.5	824.8	0.42821	-.1264E-01	1.20700	0.3480E-01	0.6
424	403.5	999.1	824.8	0.42821	-.1264E-01	1.20717	0.3494E-01	0.5
424	404.0	998.7	824.5	0.42819	-.1270E-01	1.20729	0.3505E-01	0.7
424	404.5	999.4	825.1	0.42815	-.1278E-01	1.20745	0.3519E-01	0.5
424	405.0	999.4	824.5	0.42812	-.1285E-01	1.20765	0.3536E-01	0.5
424	405.5	999.0	825.0	0.42809	-.1292E-01	1.20776	0.3545E-01	0.7
424	406.0	999.0	825.1	0.42806	-.1300E-01	1.20791	0.3556E-01	0.5
424	406.5	999.1	824.8	0.42804	-.1304E-01	1.20805	0.3570E-01	0.8
424	407.0	999.3	824.8	0.42345	-.2362E-01	1.20822	0.3585E-01	0.5

425	1092.5	1000.5	826.1	0.43132	-5.5604E-02	1.19504	0.2086E-01	0.0
425	1093.0	1000.5	826.1	0.43091	-5.5656E-02	1.19503	0.2114E-01	0.0
425	1093.5	1000.4	826.4	0.43074	-5.6125E-02	1.19541	0.2152E-01	0.5
425	1094.0	1000.1	826.7	0.43069	-5.6357E-02	1.19626	0.2190E-01	0.0
425	1094.5	1000.3	826.4	0.43386	-5.6554E-02	1.19665	0.2224E-01	0.5
425	1095.0	1000.7	826.6	0.43051	-5.6743E-02	1.19733	0.2255E-01	0.0
425	1095.5	1000.2	826.7	0.43042	-5.6976E-02	1.19740	0.2287E-01	0.0
425	1096.0	1000.0	827.2	0.43032	-5.7202E-02	1.19742	0.2323E-01	0.5
425	1096.5	999.9	826.5	0.43025	-5.7374E-02	1.19821	0.2356E-01	0.5
425	1097.0	1000.6	826.6	0.43020	-5.7479E-02	1.19863	0.2392E-01	0.5
425	1097.5	1000.6	826.0	0.43010	-5.7726E-02	1.19905	0.2428E-01	0.5
425	1098.0	1001.1	826.5	0.42999	-5.7940E-02	1.19941	0.2454E-01	0.5
425	1098.5	1001.2	826.7	0.42991	-5.8167E-02	1.19990	0.2500E-01	0.5
425	1099.0	1001.0	826.0	0.42981	-5.8396E-02	1.20023	0.2524E-01	0.5
425	1099.5	1000.9	826.6	0.42955	-5.8756E-02	1.20052	0.2559E-01	0.5
425	1100.0	1000.1	826.6	0.42961	-5.8940E-02	1.19679	0.1722E-01	0.0
425	1100.5	1000.6	825.9	0.42950	-5.9102E-02	1.20142	0.2630E-01	0.5
425	1101.0	1000.4	825.3	0.42942	-5.9296E-02	1.20152	0.2664E-01	0.5
425	1101.5	1000.8	826.3	0.42937	-5.9408E-02	1.20225	0.2702E-01	0.5
425	1102.0	1001.1	826.5	0.42927	-5.9633E-02	1.20263	0.2734E-01	0.5
425	1102.5	1001.0	826.0	0.42912	-5.9984E-02	1.20301	0.2766E-01	0.0
425	1103.0	1001.2	826.3	0.42907	-6.1009E-01	1.20335	0.2795E-01	0.0
425	1103.5	1001.1	826.4	0.42900	-6.1027E-01	1.20379	0.2833E-01	0.0
425	1104.0	1001.5	825.9	0.42891	-6.1046E-01	1.20421	0.2866E-01	0.5
425	1104.5	1001.0	826.7	0.42880	-6.1072E-01	1.20459	0.2901E-01	0.0
425	1105.0	1000.7	826.2	0.42869	-6.1096E-01	1.20496	0.2934E-01	0.5
425	1105.5	1001.3	826.2	0.42860	-6.1118E-01	1.20539	0.2969E-01	0.0
425	1106.0	1001.2	826.2	0.42853	-6.1135E-01	1.20543	0.3007E-01	0.5
425	1106.5	1000.9	826.1	0.42842	-6.1160E-01	1.20620	0.3039E-01	0.0
425	1107.0	1000.8	825.8	0.42835	-6.1175E-01	1.20665	0.3077E-01	0.0
425	1107.5	1001.0	826.0	0.42825	-6.1196E-01	1.20702	0.3109E-01	0.5
425	1108.0	1001.0	826.3	0.42817	-6.1217E-01	1.20739	0.3141E-01	0.5
425	1108.5	1001.2	825.5	0.42808	-6.1239E-01	1.20780	0.3176E-01	0.0
425	1109.0	1000.9	825.7	0.42799	-6.1259E-01	1.20820	0.3210E-01	0.0
425	1109.5	1001.5	826.1	0.42789	-6.1282E-01	1.20863	0.3246E-01	0.5
425	1110.0	1001.3	826.1	0.42780	-6.1303E-01	1.20905	0.3282E-01	0.5
425	1110.5	1001.0	826.0	0.42771	-6.1324E-01	1.20949	0.3320E-01	0.0
425	1111.0	1001.1	826.3	0.42764	-6.1339E-01	1.20992	0.3357E-01	0.0
425	1111.5	1001.0	825.7	0.42753	-6.1366E-01	1.21026	0.3387E-01	0.5
425	1112.0	1000.9	825.6	0.42749	-6.1375E-01	1.21071	0.3424E-01	0.5
425	1112.5	1001.4	825.7	0.42741	-6.1392E-01	1.21111	0.3456E-01	0.0
425	1113.0	1001.5	825.7	0.42734	-6.1409E-01	1.21148	0.3490E-01	0.5
425	1113.5	1001.3	825.9	0.42722	-6.1437E-01	1.21192	0.3526E-01	0.0
425	1114.0	1001.3	826.1	0.42712	-6.1460E-01	1.21231	0.3561E-01	0.0
425	1114.5	1001.5	826.1	0.42701	-6.1485E-01	1.21277	0.3600E-01	0.0
425	1115.0	1001.0	826.4	0.42699	-6.1514E-01	1.21314	0.3636E-01	0.5
425	1115.5	1001.0	826.5	0.42680	-6.1534E-01	1.21362	0.3673E-01	0.0
425	1116.0	1000.5	827.0	0.42670	-6.1557E-01	1.21400	0.3705E-01	0.0
425	1116.5	1000.6	827.2	0.42661	-6.1577E-01	1.21440	0.3740E-01	0.5
425	1117.0	1000.2	827.4	0.42651	-6.1601E-01	1.21484	0.3777E-01	0.5
425	1117.5	1000.1	827.0	0.42641	-6.1624E-01	1.21528	0.3814E-01	0.5
425	1118.0	1000.4	827.2	0.42632	-6.1643E-01	1.21570	0.3851E-01	0.5
425	1118.5	999.8	827.1	0.42625	-6.1660E-01	1.21609	0.3883E-01	0.0
425	1119.0	1000.0	827.1	0.42612	-6.1691E-01	1.21647	0.3916E-01	0.5
425	1119.5	1000.4	827.4	0.42605	-6.1707E-01	1.21696	0.3952E-01	0.5
425	1120.0	1000.5	827.4	0.42596	-6.1723E-01	1.21737	0.3993E-01	0.5
425	1120.5	999.9	827.5	0.42589	-6.1743E-01	1.21781	0.4031E-01	0.5
425	1121.0	1000.0	827.5	0.42581	-6.1762E-01	1.21821	0.4065E-01	0.5
425	1121.5	1000.6	827.6	0.42575	-6.1775E-01	1.21862	0.4100E-01	0.0
425	1122.0	999.8	827.3	0.42563	-6.1802E-01	1.21909	0.4140E-01	0.0

425	1122.5	999.8	827.7	0.42555	-0.1622E-01	1.21946	0.4172E-01	0.0
425	1123.0	1000.0	827.6	0.42545	-0.1646E-01	1.21989	0.4204E-01	0.0
425	1123.5	999.9	827.9	0.42535	-0.1647E-01	1.22035	0.4244E-01	0.0
425	1124.0	1000.0	827.6	0.42525	-0.1691E-01	1.22093	0.4284E-01	0.0
425	1124.5	999.9	827.4	0.42516	-0.1907E-01	1.22122	0.4322E-01	0.0
425	1125.0	1000.2	827.9	0.42507	-0.1933E-01	1.22170	0.4363E-01	0.5
425	1125.5	1000.0	827.4	0.42500	-0.1948E-01	1.22205	0.4394E-01	0.0
425	1126.0	1000.4	827.9	0.42489	-0.1975E-01	1.22257	0.4436E-01	0.5
425	1126.5	1000.1	827.8	0.42478	-0.1998E-01	1.22297	0.4471E-01	0.0
425	1127.0	1000.0	827.9	0.42467	-0.2025E-01	1.22343	0.4515E-01	0.5
425	1127.5	1000.1	828.2	0.42456	-0.2050E-01	1.22393	0.4553E-01	0.0
425	1128.0	1000.5	827.7	0.42445	-0.2075E-01	1.22436	0.4590E-01	0.0
425	1128.5	999.9	827.8	0.42437	-0.2094E-01	1.22481	0.4628E-01	0.5
425	1129.0	1000.4	827.7	0.42425	-0.2122E-01	1.22531	0.4660E-01	0.5
425	1129.5	1000.0	828.0	0.42413	-0.2149E-01	1.22570	0.4705E-01	0.0
425	1130.0	999.9	827.4	0.42405	-0.2168E-01	1.22618	0.4746E-01	0.0
425	1130.5	1000.5	828.0	0.42396	-0.2188E-01	1.22664	0.4785E-01	0.5
425	1131.0	1000.5	827.7	0.42384	-0.2216E-01	1.22712	0.4826E-01	0.5
425	1131.5	1000.1	827.8	0.42376	-0.2235E-01	1.22752	0.4866E-01	0.5
425	1132.0	1000.7	827.9	0.42369	-0.2251E-01	1.22801	0.4902E-01	0.0
425	1132.5	1000.1	827.9	0.42360	-0.2273E-01	1.22849	0.4943E-01	0.0
425	1133.0	1000.4	827.4	0.42350	-0.2295E-01	1.22892	0.4980E-01	0.0
425	1133.5	1000.2	827.6	0.42344	-0.2309E-01	1.22941	0.5021E-01	0.0
425	1134.0	1000.7	827.7	0.42340	-0.2317E-01	1.22986	0.5060E-01	0.5
425	1134.5	1000.7	827.6	0.42336	-0.2324E-01	1.23033	0.5100E-01	0.5
425	1135.0	1000.3	827.6	0.42326	-0.2351E-01	1.23081	0.5141E-01	0.0
425	1135.5	1000.5	827.2	0.42319	-0.2366E-01	1.23129	0.5182E-01	0.0
425	1136.0	1000.5	827.4	0.42303	-0.2402E-01	1.23177	0.5223E-01	0.5
425	1136.5	1000.2	827.1	0.42291	-0.2430E-01	1.23221	0.5260E-01	0.5
425	1137.0	1000.8	827.1	0.42271	-0.2476E-01	1.23273	0.5305E-01	0.5
425	1137.5	999.7	827.1	0.42263	-0.2496E-01	1.23323	0.5343E-01	0.0
425	1138.0	1000.5	827.4	0.42251	-0.2524E-01	1.23375	0.5392E-01	0.0
425	1138.5	999.9	827.5	0.42241	-0.2547E-01	1.23421	0.5431E-01	0.0
425	1139.0	999.8	827.7	0.42226	-0.2581E-01	1.23458	0.5463E-01	0.0
425	1139.5	999.5	827.4	0.42218	-0.2599E-01	1.23507	0.5505E-01	0.0
425	1140.0	999.2	827.4	0.42205	-0.2630E-01	1.23554	0.5545E-01	0.5
425	1140.5	999.6	827.0	0.42194	-0.2654E-01	1.23607	0.5590E-01	0.5
425	1141.0	999.4	827.7	0.42181	-0.2685E-01	1.23653	0.5630E-01	0.0
425	1141.5	998.7	827.6	0.42173	-0.2702E-01	1.23701	0.5671E-01	0.5
425	1142.0	998.7	827.7	0.42161	-0.2731E-01	1.23745	0.5710E-01	0.5
425	1142.5	999.1	827.7	0.42150	-0.2757E-01	1.23796	0.5752E-01	0.5
425	1143.0	999.1	827.7	0.42141	-0.2777E-01	1.23841	0.5790E-01	0.5
425	1143.5	999.0	827.9	0.42131	-0.2801E-01	1.23893	0.5835E-01	0.0
425	1144.0	998.9	827.6	0.42119	-0.2827E-01	1.23946	0.5880E-01	0.0
425	1144.5	998.7	827.6	0.42114	-0.2840E-01	1.23985	0.5913E-01	0.5
425	1145.0	998.7	827.8	0.42101	-0.2869E-01	1.24040	0.5960E-01	0.0
425	1145.5	999.6	827.7	0.42090	-0.2894E-01	1.24098	0.6002E-01	0.0
425	1146.0	999.0	827.3	0.42082	-0.2912E-01	1.24143	0.6046E-01	0.5
425	1146.5	998.9	827.6	0.42071	-0.2936E-01	1.24185	0.6084E-01	0.5
425	1147.0	999.0	827.4	0.42056	-0.2972E-01	1.24237	0.6129E-01	0.5
425	1147.5	998.9	827.4	0.42044	-0.3001E-01	1.24286	0.6171E-01	0.0
425	1148.0	998.5	827.7	0.42036	-0.3020E-01	1.24332	0.6209E-01	0.5
425	1148.5	998.5	827.3	0.42022	-0.3051E-01	1.24351	0.6245E-01	0.5
425	1149.0	999.0	828.9	0.42012	-0.3075E-01	1.24404	0.6283E-01	0.0
425	1149.5	999.0	827.1	0.42004	-0.3093E-01	1.24454	0.6322E-01	0.0
425	1150.0	998.6	827.3	0.41992	-0.3122E-01	1.24494	0.6355E-01	0.5
425	1150.5	999.3	827.2	0.41982	-0.3145E-01	1.24542	0.6394E-01	0.5
425	1151.0	999.3	827.0	0.41971	-0.3170E-01	1.24581	0.6430E-01	0.0
425	1151.5	999.0	828.9	0.41958	-0.3200E-01	1.24624	0.6455E-01	0.0
425	1152.0	998.6	828.6	0.41946	-0.3225E-01	1.24631	0.6492E-01	0.0

425	1152.5	998.4	826.7	0.41933	-.3257E-01	1.24365	0.6238E-01	0.5
425	1153.0	999.2	826.5	0.41924	-.3277E-01	1.24419	0.6284E-01	0.0
425	1153.5	999.1	826.5	0.41914	-.3300E-01	1.24490	-.9999E+04	0.0
425	1154.0	998.9	826.6	0.41904	-.3324E-01	1.24590	-.9999E+04	0.0
425	1154.5	998.9	826.5	0.41892	-.3351E-01	1.24700	-.9999E+04	0.0
425	1155.0	999.0	826.6	0.41878	-.3383E-01	1.24830	-.9999E+04	0.5
425	1155.5	998.6	825.9	0.41866	-.3419E-01	1.24980	-.9999E+04	0.0
425	1156.0	999.3	826.3	0.41855	-.3437E-01	1.25100	-.9999E+04	0.5
425	1156.5	999.1	826.1	0.41843	-.3460E-01	1.25200	-.9999E+04	0.0
425	1157.0	999.0	826.2	0.41837	-.3478E-01	1.25300	-.9999E+04	0.0
425	1157.5	999.3	826.7	0.41822	-.3514E-01	1.25440	-.9999E+04	0.0
425	1158.0	998.4	826.2	0.41813	-.3533E-01	1.25590	-.9999E+04	0.0
425	1158.5	998.9	826.1	0.41803	-.3558E-01	1.25700	-.9999E+04	0.5
425	1159.0	998.9	825.9	0.41790	-.3587E-01	1.25800	-.9999E+04	0.5
425	1159.5	998.9	826.0	0.41776	-.3613E-01	1.25900	-.9999E+04	0.5
425	1160.0	999.2	825.8	0.41766	-.3641E-01	1.26000	-.9999E+04	0.5
425	1160.5	998.9	825.6	0.41753	-.3672E-01	1.26100	-.9999E+04	0.5
425	1161.0	999.4	825.5	0.41741	-.3700E-01	1.26200	-.9999E+04	0.0
425	1161.5	999.4	825.3	0.41732	-.3721E-01	1.26300	-.9999E+04	0.0
425	1162.0	999.2	825.4	0.41723	-.3740E-01	1.26400	-.9999E+04	0.0
425	1162.5	999.4	825.4	0.41708	-.3776E-01	1.26500	-.9999E+04	0.0
425	1163.0	998.4	825.1	0.41699	-.3796E-01	1.26600	-.9999E+04	0.5
425	1163.5	999.1	825.0	0.41687	-.3825E-01	1.26700	-.9999E+04	0.0
425	1164.0	998.8	825.2	0.41680	-.3841E-01	1.26800	-.9999E+04	0.0
425	1164.5	999.1	825.5	0.41670	-.3864E-01	1.26900	-.9999E+04	0.0
425	1165.0	998.8	825.7	0.41657	-.3893E-01	1.27000	-.9999E+04	0.5
425	1165.5	999.3	825.3	0.41649	-.3913E-01	1.27100	-.9999E+04	0.0
425	1166.0	999.9	825.5	0.41640	-.3932E-01	1.27200	-.9999E+04	0.5
425	1166.5	999.0	825.4	0.41619	-.3982E-01	1.27300	-.9999E+04	0.0
425	1167.0	999.5	824.7	0.41606	-.4006E-01	1.27400	-.9999E+04	0.0
425	1167.5	999.6	825.2	0.41596	-.4034E-01	1.27500	-.9999E+04	0.0
425	1168.0	1000.3	825.4	0.41586	-.4057E-01	1.27600	-.9999E+04	0.0
425	1168.5	1000.1	825.3	0.41581	-.4070E-01	1.27700	-.9999E+04	0.0
425	1169.0	1000.3	825.4	0.41566	-.4104E-01	1.27800	-.9999E+04	0.0
425	1169.5	1000.6	825.3	0.41542	-.4158E-01	1.27900	-.9999E+04	0.5
425	1170.0	1000.2	825.2	0.41523	-.4202E-01	1.28000	-.9999E+04	0.5
425	1170.5	1000.9	825.4	0.41511	-.4241E-01	1.28100	-.9999E+04	0.0
425	1171.0	1000.4	825.5	0.41495	-.4266E-01	1.28200	-.9999E+04	0.5
425	1171.5	1000.5	825.3	0.41485	-.4290E-01	1.28300	-.9999E+04	0.5
425	1172.0	1000.6	826.4	0.41471	-.4322E-01	1.28400	-.9999E+04	0.0
425	1172.5	1000.5	826.5	0.41460	-.4348E-01	1.28500	-.9999E+04	0.0
425	1173.0	1000.5	826.5	0.41448	-.4375E-01	1.28600	-.9999E+04	0.0
425	1173.5	1000.2	826.6	0.41437	-.4401E-01	1.28700	-.9999E+04	0.5
425	1174.0	1001.0	826.5	0.41423	-.4433E-01	1.28800	-.9999E+04	0.0
425	1174.5	1000.7	826.4	0.41413	-.4458E-01	1.28900	-.9999E+04	0.0
425	1175.0	1000.5	826.7	0.41402	-.4482E-01	1.29000	-.9999E+04	0.0
425	1175.5	1000.1	826.8	0.41388	-.4515E-01	1.29217	0.6111E-01	0.0
425	1176.0	1000.2	826.1	0.41371	-.4553E-01	1.29300	-.9999E+04	0.0
425	1176.5	1000.6	825.9	0.41354	-.4580E-01	1.29400	-.9999E+04	0.0
425	1177.0	1000.5	826.1	0.41346	-.4612E-01	1.29500	-.9999E+04	0.5
425	1177.5	1000.5	825.9	0.41326	-.4658E-01	1.29600	-.9999E+04	0.0
425	1178.0	1000.3	825.9	0.41318	-.4675E-01	1.29700	-.9999E+04	0.0
425	1178.5	1000.6	825.8	0.41302	-.4712E-01	1.29800	-.9999E+04	0.5
425	1179.0	1000.3	826.1	0.41287	-.4748E-01	1.29900	-.9999E+04	0.5
425	1179.5	1000.2	825.6	0.41280	-.4763E-01	1.30000	-.9999E+04	0.5
425	1180.0	1000.8	825.3	0.41267	-.4790E-01	1.30100	-.9999E+04	0.5
425	1180.5	1000.6	825.4	0.41256	-.4818E-01	1.30200	-.9999E+04	0.0
425	1181.0	1001.0	825.3	0.41236	-.4864E-01	1.30300	-.9999E+04	0.0
425	1181.5	1000.0	826.2	0.41226	-.4901E-01	1.30400	-.9999E+04	0.5
425	1182.0	1000.3	826.5	0.41206	-.4935E-01	1.30500	-.9999E+04	0.5

425	1182.5	1000.7	826.4	0.41183	-.4987E-01-0.99900	-.9999E+04	0.5
425	1183.0	1000.6	825.9	0.41171	-.5015E-01-0.99900	-.9999E+04	0.5
425	1183.5	1000.4	826.4	0.41156	-.5050E-01-0.99900	-.9999E+04	0.5
425	1184.0	1000.4	826.2	0.41133	-.5090E-01-0.99900	-.9999E+04	0.0
425	1184.5	1000.9	826.1	0.41127	-.5115E-01-0.99900	-.9999E+04	0.5
425	1185.0	1001.3	825.3	0.41112	-.5151E-01-0.99900	-.9999E+04	0.5
425	1185.5	1000.3	825.8	0.41096	-.5189E-01-0.99900	-.9999E+04	0.5
425	1186.0	1001.1	825.2	0.41078	-.5229E-01-0.99900	-.9999E+04	0.5
425	1186.5	1000.8	825.3	0.41063	-.5264E-01-0.99900	-.9999E+04	0.0
425	1187.0	1001.1	825.2	0.41050	-.5293E-01-0.99900	-.9999E+04	0.5
425	1187.5	1000.6	826.2	0.41036	-.5327E-01-0.99900	-.9999E+04	0.5
425	1188.0	999.8	826.5	0.41020	-.5364E-01-0.99900	-.9999E+04	0.0
425	1188.5	1000.5	826.5	0.41004	-.5399E-01-0.99900	-.9999E+04	0.5
425	1189.0	1000.1	826.7	0.40993	-.5426E-01-0.99900	-.9999E+04	0.5
425	1189.5	1000.3	826.6	0.40978	-.5460E-01-0.99900	-.9999E+04	0.0
425	1190.0	1000.1	826.4	0.40964	-.5492E-01-0.99900	-.9999E+04	0.0
425	1190.5	1000.6	826.0	0.40944	-.5514E-01-0.99900	-.9999E+04	0.5
425	1191.0	1000.2	825.7	0.40927	-.5577E-01-0.99900	-.9999E+04	0.0
425	1191.5	1000.4	825.8	0.40914	-.5604E-01-0.99900	-.9999E+04	0.0
425	1192.0	1000.6	825.4	0.40900	-.5641E-01-0.99900	-.9999E+04	0.0
425	1192.5	1000.0	825.5	0.40879	-.5688E-01-0.99900	-.9999E+04	0.0
425	1193.0	1000.5	825.4	0.40866	-.5719E-01-0.99900	-.9999E+04	0.5
425	1193.5	999.8	825.5	0.40853	-.5748E-01-0.99900	-.9999E+04	0.0
425	1194.0	1000.4	825.2	0.40834	-.5782E-01-0.99900	-.9999E+04	0.5
425	1194.5	1000.4	825.6	0.40823	-.5818E-01-0.99900	-.9999E+04	0.5
425	1195.0	1000.2	825.2	0.40807	-.5854E-01-0.99900	-.9999E+04	0.5
425	1195.5	1000.2	825.1	0.40791	-.5893E-01-0.99900	-.9999E+04	0.0
425	1196.0	1000.0	825.5	0.40770	-.5934E-01-0.99900	-.9999E+04	0.5
425	1196.5	999.6	825.4	0.40756	-.5972E-01-0.99900	-.9999E+04	0.0
425	1197.0	1000.2	825.4	0.40740	-.6009E-01-0.99900	-.9999E+04	0.5
425	1197.5	1000.5	825.3	0.40721	-.6053E-01-0.99900	-.9999E+04	0.5
425	1198.0	1000.0	825.3	0.40707	-.6086E-01-0.99900	-.9999E+04	0.0
425	1198.5	1000.2	825.1	0.40692	-.6121E-01-0.99900	-.9999E+04	0.5
425	1199.0	1000.7	825.4	0.40677	-.6154E-01-0.99900	-.9999E+04	0.0
425	1199.5	1000.2	825.3	0.40657	-.6201E-01-0.99900	-.9999E+04	0.0
425	1200.0	1000.0	825.9	0.40637	-.6248E-01-0.99900	-.9999E+04	0.5
425	1200.5	999.7	826.0	0.40620	-.6285E-01-0.99900	-.9999E+04	0.0
425	1201.0	999.7	825.9	0.40603	-.6326E-01-0.99900	-.9999E+04	0.0
425	1201.5	1000.3	825.7	0.40583	-.6371E-01-0.99900	-.9999E+04	0.0
425	1202.0	1000.3	825.4	0.40566	-.6410E-01-0.99900	-.9999E+04	0.0
425	1202.5	1000.1	825.3	0.40550	-.6447E-01-0.99900	-.9999E+04	0.0
425	1203.0	1000.3	825.0	0.40530	-.6493E-01-0.99900	-.9999E+04	0.0
425	1203.5	1000.7	824.7	0.40516	-.6527E-01-0.99900	-.9999E+04	0.5
425	1204.0	1000.7	825.5	0.40497	-.6569E-01-0.99900	-.9999E+04	0.0
425	1204.5	1000.8	826.0	0.40478	-.6614E-01-0.99900	-.9999E+04	0.0
425	1205.0	1000.8	826.0	0.40461	-.6654E-01-0.99900	-.9999E+04	0.5
425	1205.5	1001.3	825.8	0.40444	-.6688E-01-0.99900	-.9999E+04	0.5
425	1206.0	1001.3	825.6	0.40427	-.6732E-01-0.99900	-.9999E+04	0.5
425	1206.5	1001.4	827.4	0.40404	-.6785E-01-0.99900	-.9999E+04	0.5
425	1207.0	1001.0	827.6	0.40384	-.6821E-01-0.99900	-.9999E+04	0.5
425	1207.5	1001.9	827.2	0.40369	-.6855E-01-0.99900	-.9999E+04	0.0
425	1208.0	1001.4	827.4	0.40352	-.6904E-01-0.99900	-.9999E+04	0.0
425	1208.5	1001.4	827.3	0.40324	-.6949E-01-0.99900	-.9999E+04	0.0
425	1209.0	1001.9	826.7	0.40304	-.7014E-01-0.99900	-.9999E+04	0.5
425	1209.5	1001.5	826.5	0.40286	-.7055E-01-0.99900	-.9999E+04	0.5
425	1210.0	1001.6	826.0	0.40260	-.7115E-01-0.99900	-.9999E+04	0.0
425	1210.5	1001.4	826.5	0.40234	-.7165E-01-0.99900	-.9999E+04	0.0
425	1211.0	1001.9	825.7	0.40215	-.7220E-01-0.99900	-.9999E+04	0.0
425	1211.5	1001.8	826.4	0.40200	-.7255E-01-0.99900	-.9999E+04	0.5
425	1212.0	1001.5	826.3	0.40181	-.7294E-01-0.99900	-.9999E+04	0.5

425 1212.5	1002.1	826.4	0.40156	-0.7356E-01-9.99900	-0.9999E+04	0.5
425 1213.0	1001.9	826.5	0.40133	-0.7404E-01-9.99900	-0.9999E+04	0.0
425 1213.5	1001.5	826.1	0.40115	-0.7450E-01-9.99900	-0.9999E+04	0.0
425 1214.0	1001.9	826.4	0.40097	-0.7494E-01-9.99900	-0.9999E+04	0.5
425 1214.5	1001.1	826.5	0.40075	-0.7541E-01-9.99900	-0.9999E+04	0.5
425 1215.0	1000.9	825.9	0.40049	-0.7602E-01-9.99900	-0.9999E+04	0.0
425 1215.5	1000.3	826.4	0.40027	-0.7653E-01-9.99900	-0.9999E+04	0.5
425 1216.0	1000.4	826.2	0.40014	-0.7695E-01-9.99900	-0.9999E+04	0.5
425 1216.5	999.7	826.5	0.39997	-0.7723E-01-9.99900	-0.9999E+04	0.5
425 1217.0	998.8	826.6	0.39967	-0.7794E-01-9.99900	-0.9999E+04	0.5
425 1217.5	999.0	826.4	0.39944	-0.7846E-01-9.99900	-0.9999E+04	0.5
425 1218.0	998.8	826.4	0.39925	-0.7889E-01-9.99900	-0.9999E+04	0.0

426	239.0	1097.2	23.6	0.43546	0.4137E-02	1.17153	0.3395E-02	0.0
426	239.5	1096.8	23.1	0.43544	0.4107E-02	1.17144	0.3321E-02	0.0
426	240.0	1096.4	22.8	0.43540	0.4220E-02	1.17153	0.3392E-02	0.0
426	240.5	1095.2	23.4	0.43536	0.4137E-02	1.17147	0.3345E-02	0.0
426	241.0	1094.7	25.7	0.43532	0.4055E-02	1.17157	0.3426E-02	0.0
426	241.5	1094.5	25.5	0.43533	0.4085E-02	1.17153	0.3392E-02	0.0
426	242.0	1094.1	24.9	0.43532	0.4046E-02	1.17155	0.3406E-02	0.0
426	242.5	1095.0	24.3	0.43533	0.4085E-02	1.17152	0.3382E-02	0.0
426	243.0	1094.4	23.8	0.43538	0.4205E-02	1.17159	0.3448E-02	0.0
426	243.5	1095.3	314.1	0.43534	0.3069E-02	1.17426	0.5750E-02	0.0
426	244.0	1094.6	834.2	0.43540	-.1522E-02	1.18020	0.1082E-01	0.0
426	244.5	1095.3	835.7	0.43226	-.4152E-02	1.18633	0.1607E-01	0.0
426	245.0	1097.1	835.4	0.43108	-.6663E-02	1.19034	0.1950E-01	0.0
426	245.5	1097.8	833.1	0.42981	-.9796E-02	1.19788	0.2546E-01	0.0
426	246.0	1099.1	831.6	0.42853	-.1273E-01	1.20753	0.3423E-01	0.0
426	246.5	1099.5	833.1	0.42789	-.1605E-01	1.20703	0.3449E-01	0.0
426	247.0	1099.7	833.5	0.42538	-.2000E-01	1.21475	0.4041E-01	0.0
426	247.5	1100.8	832.9	0.42563	-.2402E-01	1.21985	0.4478E-01	0.0
426	248.0	1100.8	832.1	0.42167	-.2655E-01	1.22743	0.5127E-01	0.0
426	248.5	1101.1	830.9	0.41956	-.3341E-01	1.23441	0.5725E-01	0.0
426	249.0	1101.6	824.3	0.41727	-.3867E-01	-9.99900	-.9999E+04	0.0
426	249.5	1101.2	827.9	0.41474	-.4451E-01	-9.99900	-.9999E+04	0.0
426	250.0	1101.6	826.1	0.41196	-.5090E-01	-9.99900	-.9999E+04	0.0
426	250.5	1101.7	823.8	0.40895	-.5785E-01	-9.99900	-.9999E+04	0.0
426	251.0	1101.6	821.5	0.40587	-.6540E-01	-9.99900	-.9999E+04	0.0
426	251.5	1102.2	819.7	0.40203	-.7378E-01	-9.99900	-.9999E+04	0.0
426	252.0	1101.7	816.6	0.39810	-.8285E-01	-9.99900	-.9999E+04	0.5
426	252.5	1101.8	814.9	0.39367	-.9305E-01	-9.99900	-.9999E+04	0.0
426	253.0	1101.2	812.7	0.38871	-.1045E+00	-9.99900	-.9999E+04	0.0
426	253.5	1101.6	807.3	0.38321	-.1171E+00	-9.99900	-.9999E+04	0.0
426	254.0	1101.8	794.3	0.37701	-.1314E+00	-9.99900	-.9999E+04	0.0
426	254.5	1101.3	750.4	0.37233	-.1422E+00	-9.99900	-.9999E+04	0.0

426	93.5	1096.0	23.1	0.43561	0.3937E-02	1.17448	0.3357E-02	0.5
426	94.0	1096.5	24.8	0.43562	0.3975E-02	1.17451	0.3384E-02	0.0
426	94.5	1097.0	25.7	0.43560	0.3922E-02	1.17446	0.3344E-02	0.0
426	95.0	1097.1	26.3	0.43560	0.3922E-02	1.17454	0.3406E-02	0.5
426	95.5	1097.1	26.0	0.43559	0.3992E-02	1.17452	0.3393E-02	0.5
426	96.0	1096.6	25.3	0.43562	0.3960E-02	1.17456	0.3424E-02	0.5
426	96.5	1096.9	24.7	0.43561	0.3430E-02	1.17456	0.3427E-02	0.5
426	97.0	1097.5	24.0	0.43560	0.3922E-02	1.17453	0.3397E-02	0.5
426	97.5	1097.4	23.7	0.43560	0.3915E-02	1.17454	0.3411E-02	0.0
426	98.0	1097.9	250.4	0.43541	0.3474E-02	1.17613	0.4771E-02	0.5
426	98.5	1097.4	611.7	0.43449	0.2284E-02	1.17929	0.7471E-02	0.5
426	99.0	1097.5	614.2	0.43473	0.1905E-02	1.17999	0.8062E-02	0.0
426	99.5	1098.5	614.7	0.43460	0.1606E-02	1.18053	0.8616E-02	0.0
426	100.0	1098.8	614.2	0.43449	0.1392E-02	1.18122	0.9120E-02	0.0
426	100.5	1098.8	612.6	0.43337	0.1076E-02	1.18176	0.9581E-02	0.5
426	101.0	1098.6	614.9	0.43424	0.7845E-03	1.18230	0.1004E-01	0.5
426	101.5	1099.1	615.4	0.43412	0.5155E-03	1.18284	0.1050E-01	0.5
426	102.0	1099.2	615.7	0.43400	0.2316E-03	1.18335	0.1093E-01	0.5
426	102.5	1099.2	615.8	0.43391	0.1494E-04	1.17600	0.4655E-02	0.5
426	103.0	1099.0	615.1	0.43380	-0.2241E-03	1.18435	0.1174E-01	0.5
426	103.5	1098.9	615.0	0.43371	-0.4333E-03	1.18488	0.1224E-01	0.5
426	104.0	1099.0	614.6	0.43359	-0.7172E-03	1.18536	0.1265E-01	0.5
426	104.5	1099.0	614.6	0.43348	-0.9712E-03	1.18583	0.1306E-01	0.0
426	105.0	1098.8	614.4	0.43336	-0.1246E-02	1.18638	0.1352E-01	0.5
426	105.5	1098.1	614.2	0.43326	-0.1479E-02	1.18690	0.1397E-01	0.5
426	106.0	1098.8	614.5	0.43311	-0.1638E-02	1.18740	0.1439E-01	0.5
426	106.5	1098.6	614.3	0.43303	-0.2017E-02	1.18798	0.1489E-01	0.5
426	107.0	1098.8	614.1	0.43291	-0.2294E-02	1.18913	0.1587E-01	0.5
426	107.5	1098.0	614.5	0.43277	-0.2615E-02	1.18896	0.1573E-01	0.5
426	108.0	1097.9	614.4	0.43266	-0.2861E-02	1.18940	0.1610E-01	0.0
426	108.5	1098.3	614.1	0.43254	-0.3145E-02	1.19006	0.1667E-01	0.5
426	109.0	1097.5	613.7	0.43247	-0.3287E-02	1.19058	0.1711E-01	0.0
426	109.5	1097.7	613.7	0.43235	-0.3574E-02	1.18722	0.1424E-01	0.5
426	110.0	1097.7	613.4	0.43220	-0.3922E-02	1.19165	0.1803E-01	0.5
426	110.5	1097.8	613.1	0.43207	-0.4214E-02	1.19220	0.1850E-01	0.5
426	111.0	1098.1	613.1	0.43197	-0.4445E-02	1.19270	0.1893E-01	0.5
426	111.5	1098.0	613.4	0.43181	-0.4611E-02	1.19332	0.1945E-01	0.5
426	112.0	1097.6	613.3	0.43167	-0.5133E-02	1.19603	0.2177E-01	0.5
426	112.5	1097.8	613.0	0.43152	-0.5476E-02	1.19451	0.2047E-01	0.0
426	113.0	1098.5	613.8	0.43141	-0.5745E-02	1.19456	0.2053E-01	0.5
426	113.5	1098.4	614.2	0.43127	-0.6054E-02	1.19572	0.2150E-01	0.0
426	114.0	1098.1	613.8	0.43110	-0.6455E-02	1.19642	0.2210E-01	0.0
426	114.5	1098.9	613.4	0.43097	-0.6761E-02	1.19702	0.2262E-01	0.5
426	115.0	1098.4	613.2	0.43081	-0.7127E-02	1.19762	0.2313E-01	0.5
426	115.5	1098.4	613.3	0.43066	-0.7471E-02	1.19832	0.2372E-01	0.0
426	116.0	1098.3	613.5	0.43050	-0.7837E-02	1.19895	0.2426E-01	0.5
426	116.5	1097.7	613.0	0.43037	-0.8136E-02	1.19961	0.2483E-01	0.0
426	117.0	1098.1	612.9	0.43023	-0.8465E-02	1.20103	0.2604E-01	0.5
426	117.5	1097.6	613.0	0.43007	-0.8831E-02	1.19800	0.2345E-01	0.5
426	118.0	1098.1	613.3	0.42988	-0.9257E-02	1.20170	0.2661E-01	0.0
426	118.5	1097.7	612.9	0.42971	-0.9660E-02	1.20237	0.2719E-01	0.5
426	119.0	1097.0	613.2	0.42954	-0.1005E-01	1.20163	0.2655E-01	0.0
426	119.5	1097.6	612.4	0.42931	-0.1057E-01	1.20381	0.2841E-01	0.0
426	120.0	1097.4	612.8	0.42918	-0.1087E-01	1.20457	0.2906E-01	0.5
426	120.5	1097.0	613.2	0.42900	-0.1130E-01	1.20529	0.2966E-01	0.0
426	121.0	1097.3	613.1	0.42882	-0.1171E-01	1.20662	0.3098E-01	0.5
426	121.5	1097.0	612.4	0.42862	-0.1216E-01	1.20661	0.3098E-01	0.5
426	122.0	1096.8	609.6	0.42846	-0.1253E-01	1.20620	0.3045E-01	0.5
426	122.5	1096.5	604.5	0.42830	-0.1290E-01	1.20628	0.3223E-01	0.5
426	123.0	1096.5	605.2	0.42810	-0.1336E-01	1.20657	0.3077E-01	0.5

426	123.5	1096.8	607.0	0.42794	-.1375E-01	1.20974	0.3348E-01	0.0
426	124.0	1095.5	601.0	0.42776	-.1415E-01	1.21041	0.3405E-01	0.5
426	124.5	1097.2	601.1	0.42757	-.1454E-01	1.21110	0.3464E-01	0.0
426	125.0	1097.2	603.7	0.42740	-.1497E-01	1.20997	0.3388E-01	0.5
426	125.5	1097.5	602.7	0.42723	-.1538E-01	1.21269	0.3599E-01	0.5
426	126.0	1098.6	602.3	0.42705	-.1579E-01	1.21348	0.3668E-01	0.5
426	126.5	1098.5	601.8	0.42681	-.1634E-01	1.20126	0.2624E-01	0.5
426	127.0	1099.3	601.1	0.42659	-.1685E-01	1.21520	0.3615E-01	0.5
426	127.5	1099.9	602.1	0.42640	-.1730E-01	1.21477	0.3778E-01	0.5
426	128.0	1100.0	601.7	0.42621	-.1771E-01	1.21702	0.3970E-01	0.0
426	128.5	1100.2	601.2	0.42596	-.1824E-01	1.21792	0.4047E-01	0.5
426	129.0	1100.3	601.0	0.42573	-.1882E-01	1.21841	0.4123E-01	0.5
426	129.5	1100.5	601.4	0.42555	-.1924E-01	1.21977	0.4205E-01	0.5
426	130.0	1100.4	601.2	0.42531	-.1980E-01	1.22051	0.4294E-01	0.0
426	130.5	1100.3	600.9	0.42508	-.2032E-01	1.22144	0.4382E-01	0.5
426	131.0	1100.2	601.2	0.42479	-.2099E-01	1.22275	0.4460E-01	0.0
426	131.5	1100.2	601.8	0.42455	-.2154E-01	1.22350	0.4550E-01	0.5
426	132.0	1100.4	600.7	0.42427	-.2219E-01	1.22476	0.4631E-01	0.5
426	132.5	1100.8	601.2	0.42407	-.2265E-01	1.22576	0.4717E-01	0.5
426	133.0	1100.1	601.1	0.42379	-.2333E-01	1.22696	0.4811E-01	0.0
426	133.5	1100.4	600.9	0.42350	-.2397E-01	1.22798	0.4907E-01	0.0
426	134.0	1100.2	600.6	0.42327	-.2450E-01	1.22911	0.5003E-01	0.5
426	134.5	1100.5	600.9	0.42294	-.2527E-01	1.23027	0.5102E-01	0.5
426	135.0	1100.1	601.1	0.42266	-.2589E-01	1.23134	0.5194E-01	0.5
426	135.5	1099.8	601.1	0.42241	-.2646E-01	1.23252	0.5294E-01	0.0
426	136.0	1099.9	600.0	0.42216	-.2707E-01	1.23367	0.5392E-01	0.5
426	136.5	1099.9	600.3	0.42182	-.2785E-01	1.23480	0.5489E-01	0.5
426	137.0	1099.7	601.0	0.42149	-.2859E-01	1.23602	0.5593E-01	0.5
426	137.5	1099.8	600.3	0.42122	-.2919E-01	1.23716	0.5690E-01	0.0
426	138.0	1099.5	600.0	0.42090	-.2996E-01	1.23840	0.5796E-01	0.5
426	138.5	1099.6	600.7	0.42063	-.3052E-01	1.23965	0.5903E-01	0.5
426	139.0	1099.6	599.7	0.42047	-.3095E-01	1.24074	0.6343E-01	0.0
426	139.5	1100.0	600.7	0.42000	-.3203E-01	1.24990	-.9999E+04	0.5
426	140.0	1099.4	600.8	0.41967	-.3280E-01	1.24990	-.9999E+04	0.5
426	140.5	1099.2	600.2	0.41930	-.3364E-01	1.24990	-.9999E+04	0.0
426	141.0	1099.7	600.0	0.41898	-.3440E-01	1.24990	-.9999E+04	0.5
426	141.5	1099.3	599.8	0.41862	-.3521E-01	1.24990	-.9999E+04	0.5
426	142.0	1099.6	600.0	0.41823	-.3600E-01	1.24990	-.9999E+04	0.5
426	142.5	1099.5	599.6	0.41793	-.3681E-01	1.24990	-.9999E+04	0.5
426	143.0	1098.7	599.0	0.41760	-.3757E-01	1.24990	-.9999E+04	0.0
426	143.5	1099.0	599.8	0.41724	-.3839E-01	1.24990	-.9999E+04	0.5
426	144.0	1099.5	599.0	0.41690	-.3919E-01	1.24990	-.9999E+04	0.0
426	144.5	1099.6	599.4	0.41650	-.4010E-01	1.24990	-.9999E+04	0.5
426	145.0	1099.0	599.5	0.41615	-.4091E-01	1.24990	-.9999E+04	0.5
426	145.5	1099.0	599.2	0.41573	-.4187E-01	1.24990	-.9999E+04	0.5
426	146.0	1099.5	599.3	0.41534	-.4277E-01	1.24990	-.9999E+04	0.0
426	146.5	1099.5	599.0	0.41491	-.4378E-01	1.24990	-.9999E+04	0.5
426	147.0	1099.1	599.1	0.41453	-.4464E-01	1.24990	-.9999E+04	0.0
426	147.5	1099.2	599.0	0.41414	-.4555E-01	1.24990	-.9999E+04	0.5
426	148.0	1099.0	599.0	0.41372	-.4651E-01	1.24990	-.9999E+04	0.5
426	148.5	1098.5	599.0	0.41334	-.4737E-01	1.24990	-.9999E+04	0.5
426	149.0	1099.1	598.5	0.41295	-.4829E-01	1.24990	-.9999E+04	0.0
426	149.5	1094.8	598.5	0.41248	-.4938E-01	1.24990	-.9999E+04	0.0
426	150.0	1098.6	598.9	0.41207	-.5030E-01	1.24990	-.9999E+04	0.0
426	150.5	1099.2	599.0	0.41166	-.5125E-01	1.24990	-.9999E+04	0.0
426	151.0	1099.1	598.5	0.41114	-.5237E-01	1.24990	-.9999E+04	0.5
426	151.5	1098.4	598.0	0.41074	-.5338E-01	1.24990	-.9999E+04	0.0
426	152.0	1098.8	598.2	0.41029	-.5441E-01	1.24990	-.9999E+04	0.0
426	152.5	1098.8	598.5	0.40981	-.5551E-01	1.24990	-.9999E+04	0.5
426	153.0	1098.6	598.5	0.40936	-.5656E-01	1.24990	-.9999E+04	0.5

426	153.5	1098.8	598.3	0.40888	=.5768E-01=4.99900	=.9999E+04	0.0
426	154.0	1098.5	598.2	0.40844	=.5668E-01=4.99900	=.9999E+04	0.5
426	154.5	1099.1	597.8	0.40749	=.5495E-01=3.99900	=.9999E+04	0.0
426	155.0	1098.8	597.0	0.40742	=.4103E-01=3.99900	=.9999E+04	0.0
426	155.5	1098.2	597.4	0.40692	=.4214E-01=3.99900	=.9999E+04	0.0
426	156.0	1099.0	597.6	0.40641	=.6335E-01=4.99900	=.9999E+04	0.5
426	156.5	1098.6	597.5	0.40592	=.6448E-01=4.99900	=.9999E+04	0.0
426	157.0	1098.8	597.2	0.40538	=.6572E-01=3.99900	=.9999E+04	0.5
426	157.5	1098.3	597.5	0.40488	=.6688E-01=3.99900	=.9999E+04	0.5
426	158.0	1098.7	596.8	0.40439	=.6802E-01=4.99900	=.9999E+04	0.0
426	158.5	1098.9	597.3	0.40346	=.6923E-01=3.99900	=.9999E+04	0.5
426	159.0	1098.8	597.0	0.40334	=.7044E-01=4.99900	=.9999E+04	0.5
426	159.5	1098.9	596.5	0.40275	=.7179E-01=3.99900	=.9999E+04	0.0
426	160.0	1099.0	596.8	0.40220	=.7305E-01=3.99900	=.9999E+04	0.0
426	160.5	1098.7	596.7	0.40172	=.7416E-01=4.99900	=.9999E+04	0.5
426	161.0	1099.0	597.1	0.40112	=.7555E-01=3.99900	=.9999E+04	0.5
426	161.5	1098.3	596.8	0.40058	=.7680E-01=3.99900	=.9999E+04	0.5
426	162.0	1098.4	596.6	0.39999	=.7818E-01=4.99900	=.9999E+04	0.5
426	162.5	1097.9	596.2	0.39938	=.7956E-01=3.99900	=.9999E+04	0.5
426	163.0	1098.6	596.2	0.39874	=.8102E-01=3.99900	=.9999E+04	0.5
426	163.5	1098.9	596.0	0.39815	=.8239E-01=4.99900	=.9999E+04	0.5
426	164.0	1098.6	595.9	0.39754	=.8379E-01=4.99900	=.9999E+04	0.5
426	164.5	1098.1	595.4	0.39696	=.8513E-01=4.99900	=.9999E+04	0.5
426	165.0	1098.8	595.8	0.39632	=.8661E-01=3.99900	=.9999E+04	0.5
426	165.5	1098.1	596.0	0.39564	=.8805E-01=4.99900	=.9999E+04	0.5
426	166.0	1098.9	596.0	0.39509	=.8944E-01=3.99900	=.9999E+04	0.0
426	166.5	1098.8	595.9	0.39441	=.9102E-01=4.99900	=.9999E+04	0.0
426	167.0	1098.7	595.8	0.39374	=.9256E-01=3.99900	=.9999E+04	0.5
426	167.5	1098.6	595.7	0.39313	=.9398E-01=4.99900	=.9999E+04	0.5
426	168.0	1098.6	595.6	0.39245	=.9552E-01=3.99900	=.9999E+04	0.5
426	168.5	1098.7	595.3	0.39179	=.9708E-01=3.99900	=.9999E+04	0.0
426	169.0	1098.2	595.7	0.39113	=.9857E-01=4.99900	=.9999E+04	0.0
426	169.5	1098.3	595.3	0.39049	=.1000E+00=3.99900	=.9999E+04	0.5
426	170.0	1098.3	595.2	0.38977	=.1017E+00=4.99900	=.9999E+04	0.5
426	170.5	1098.2	595.1	0.38910	=.1032E+00=4.99900	=.9999E+04	0.5
426	171.0	1098.1	595.4	0.38836	=.1050E+00=4.99900	=.9999E+04	0.5
426	171.5	1098.3	594.8	0.38768	=.1065E+00=4.99900	=.9999E+04	0.5
426	172.0	1098.1	594.7	0.38688	=.1044E+00=4.99900	=.9999E+04	0.5
426	172.5	1098.3	594.7	0.38611	=.1101E+00=4.99900	=.9999E+04	0.5
426	173.0	1098.1	594.6	0.38540	=.1118E+00=3.99900	=.9999E+04	0.5
426	173.5	1097.8	594.9	0.38462	=.1136E+00=4.99900	=.9999E+04	0.5
426	174.0	1098.1	594.4	0.38387	=.1153E+00=4.99900	=.9999E+04	0.0
426	174.5	1098.6	594.7	0.38310	=.1171E+00=3.99900	=.9999E+04	0.0
426	175.0	1098.4	594.8	0.38222	=.1191E+00=4.99900	=.9999E+04	0.5
426	175.5	1098.1	596.7	0.38134	=.1210E+00=3.99900	=.9999E+04	0.5
426	176.0	1098.3	601.3	0.38048	=.1231E+00=4.99900	=.9999E+04	0.5
426	176.5	1098.3	602.4	0.37951	=.1253E+00=3.99900	=.9999E+04	0.5
426	177.0	1097.4	602.2	0.37860	=.1274E+00=4.99900	=.9999E+04	0.5
426	177.5	1098.0	601.6	0.37765	=.1296E+00=4.99900	=.9999E+04	0.5
426	178.0	1098.0	601.2	0.37669	=.1318E+00=4.99900	=.9999E+04	0.0
426	178.5	1097.4	601.3	0.37572	=.1341E+00=4.99900	=.9999E+04	0.5
426	179.0	1098.2	600.7	0.37473	=.1364E+00=4.99900	=.9999E+04	0.5
426	179.5	1098.3	600.9	0.37363	=.1389E+00=3.99900	=.9999E+04	0.0
426	180.0	1098.1	599.9	0.37255	=.1414E+00=4.99900	=.9999E+04	0.0
426	180.5	1098.8	599.7	0.37148	=.1439E+00=3.99900	=.9999E+04	0.5
426	181.0	1098.6	599.3	0.37041	=.1463E+00=3.99900	=.9999E+04	0.5
426	181.5	1098.1	599.3	0.36934	=.1488E+00=3.99900	=.9999E+04	0.5
426	182.0	1097.6	598.8	0.36823	=.1514E+00=3.99900	=.9999E+04	0.5
426	182.5	1098.2	598.2	0.36774	=.1524E+00=3.99900	=.9999E+04	0.5
426	183.0	1097.9	598.2	0.36697	=.1517E+00=3.99900	=.9999E+04	0.0

426	183.5	1098.1	597.7	0.36517	-0.1584E+00-9.99900	-0.9999E+04	0.5
426	184.0	1098.1	597.2	0.36491	-0.1590E+00-9.99900	-0.9999E+04	0.5
426	184.5	1098.0	596.5	0.36273	-0.1640E+00-9.99900	-0.9999E+04	0.5
426	185.0	1097.9	595.7	0.36372	-0.1618E+00-9.99900	-0.9999E+04	0.5
426	185.5	1097.8	595.3	0.35444	-0.1707E+00-9.99900	-0.9999E+04	0.5
426	186.0	1097.5	594.3	0.36256	-0.1544E+00-9.99900	-0.9999E+04	0.5
426	186.5	1098.1	593.4	0.36364	-0.1514E+00-9.99900	-0.9999E+04	0.0
426	187.0	1098.1	592.3	0.35523	-0.1813E+00-9.99900	-0.9999E+04	1.0
426	187.5	1098.7	590.7	0.35614	-0.1791E+00-9.99900	-0.9999E+04	0.0
426	188.0	1099.4	589.5	0.35234	-0.1680E+00-9.99900	-0.9999E+04	0.5
426	188.5	1099.5	587.4	0.35443	-0.1632E+00-9.99900	-0.9999E+04	0.5
426	189.0	1099.4	585.3	0.35909	-0.1710E+00-9.99900	-0.9999E+04	0.5
426	189.5	1099.6	582.7	0.35774	-0.1755E+00-9.99900	-0.9999E+04	0.5
426	190.0	1099.7	578.6	0.35443	-0.1822E+00-9.99900	-0.9999E+04	0.0
426	190.5	1099.7	571.4	0.35148	-0.1894E+00-9.99900	-0.9999E+04	0.5
426	191.0	1099.3	551.6	0.34749	-0.1991E+00-9.99900	-0.9999E+04	0.0

427	289.5	1099.4	18.5	0.43547	0.5411E-02	1.17460	0.5451E-02	0.0
427	290.0	1099.8	18.6	0.43547	0.5412E-02	1.17458	0.5435E-02	0.0
427	290.5	1100.0	18.6	0.43546	0.5396E-02	1.17458	0.5435E-02	0.0
427	291.0	1099.7	18.2	0.43546	0.5396E-02	1.17453	0.5436E-02	0.0
427	291.5	1099.5	18.2	0.43545	0.5374E-02	1.17459	0.5442E-02	0.5
427	292.0	1099.7	18.4	0.43544	0.5414E-02	1.17465	0.5505E-02	0.0
427	292.5	1099.8	18.7	0.43544	0.5464E-02	1.17462	0.5465E-02	0.0
427	293.0	1099.2	18.4	0.43550	0.5471E-02	1.17463	0.5475E-02	0.5
427	293.5	1099.6	18.3	0.43546	0.5331E-02	1.17455	0.5412E-02	0.0
427	294.0	1099.5	236.7	0.43511	0.4540E-02	1.17660	0.7167E-02	0.0
427	294.5	1099.1	594.1	0.43209	-0.2368E-02	1.18914	0.1790E-01	0.0
427	295.0	1099.9	599.9	0.42967	-0.7985E-02	1.18916	0.2647E-01	0.0
427	295.5	1100.6	602.8	0.42770	-0.1253E-01	1.20777	0.3384E-01	0.0
427	296.0	1101.2	603.6	0.42579	-0.1693E-01	1.21575	0.4086E-01	0.5
427	296.5	1101.8	605.1	0.42402	-0.2102E-01	1.22169	0.4576E-01	0.0
427	297.0	1102.4	606.0	0.42226	-0.2594E-01	1.23042	0.5323E-01	0.5
427	297.5	1102.0	606.6	0.42052	-0.2888E-01	1.23932	0.5994E-01	0.0
427	298.0	1102.8	606.5	0.41843	-0.3301E-01	1.24566	0.6528E-01	0.0
427	298.5	1103.0	607.2	0.41723	-0.3670E-01	1.24960	0.6999E-01	0.0
427	299.0	1102.3	606.5	0.41576	-0.4024E-01	1.24990	0.6999E-01	0.0
427	299.5	1103.1	605.7	0.41410	-0.4392E-01	1.24990	0.6999E-01	0.0
427	300.0	1102.0	605.3	0.41263	-0.4732E-01	1.24990	0.6999E-01	0.5
427	300.5	1101.8	605.1	0.41118	-0.5066E-01	1.24990	0.6999E-01	0.0
427	301.0	1101.8	604.2	0.40973	-0.5401E-01	1.24990	0.6999E-01	0.0
427	301.5	1101.3	603.2	0.40833	-0.5725E-01	1.24990	0.6999E-01	0.0
427	302.0	1100.3	603.2	0.40698	-0.6035E-01	1.24990	0.6999E-01	0.0
427	302.5	1100.6	601.9	0.40564	-0.6345E-01	1.24990	0.6999E-01	0.5
427	303.0	1100.6	600.7	0.40433	-0.6648E-01	1.24990	0.6999E-01	0.0
427	303.5	1100.3	600.3	0.40309	-0.6934E-01	1.24990	0.6999E-01	0.5
427	304.0	1100.1	599.5	0.40185	-0.7220E-01	1.24990	0.6999E-01	0.0
427	304.5	1100.0	599.6	0.40062	-0.7505E-01	1.24990	0.6999E-01	0.0
427	305.0	1100.0	598.7	0.39927	-0.7817E-01	1.24990	0.6999E-01	0.0
427	305.5	1099.7	599.5	0.39803	-0.8103E-01	1.24990	0.6999E-01	0.0
427	306.0	1099.7	599.9	0.39676	-0.8395E-01	1.24990	0.6999E-01	0.0
427	306.5	1099.8	600.3	0.39544	-0.8701E-01	1.24990	0.6999E-01	0.0
427	307.0	1100.4	600.3	0.39415	-0.8992E-01	1.24990	0.6999E-01	0.0
427	307.5	1100.6	599.9	0.39285	-0.9299E-01	1.24990	0.6999E-01	0.0
427	308.0	1100.1	599.9	0.39155	-0.9598E-01	1.24990	0.6999E-01	0.0
427	308.5	1100.1	600.0	0.39033	-0.9881E-01	1.24990	0.6999E-01	0.5
427	309.0	1100.3	599.5	0.38888	-0.1022E+00	1.24990	0.6999E-01	0.0
427	309.5	1100.0	599.6	0.38760	-0.1051E+00	1.24990	0.6999E-01	0.0
427	310.0	1099.6	599.0	0.38621	-0.1083E+00	1.24990	0.6999E-01	0.0
427	310.5	1099.8	599.2	0.38484	-0.1114E+00	1.24990	0.6999E-01	0.0
427	311.0	1099.6	599.6	0.38352	-0.1145E+00	1.24990	0.6999E-01	0.0
427	311.5	1099.5	599.6	0.38200	-0.1180E+00	1.24990	0.6999E-01	0.0
427	312.0	1099.0	599.5	0.38053	-0.1214E+00	1.24990	0.6999E-01	0.0
427	312.5	1099.3	599.0	0.37907	-0.1248E+00	1.24990	0.6999E-01	0.0
427	313.0	1099.4	599.0	0.37771	-0.1279E+00	1.24990	0.6999E-01	0.0
427	313.5	1098.6	599.1	0.37619	-0.1315E+00	1.24990	0.6999E-01	0.0
427	314.0	1099.3	598.8	0.37472	-0.1348E+00	1.24990	0.6999E-01	0.0
427	314.5	1098.9	599.0	0.37320	-0.1384E+00	1.24990	0.6999E-01	0.0
427	315.0	1099.0	598.2	0.37179	-0.1418E+00	1.24990	0.6999E-01	0.0
427	315.5	1099.2	599.3	0.37029	-0.1455E+00	1.24990	0.6999E-01	0.0
427	316.0	1099.2	599.7	0.36875	-0.1493E+00	1.24990	0.6999E-01	0.0
427	316.5	1098.9	597.8	0.36740	-0.1531E+00	1.24990	0.6999E-01	0.0
427	317.0	1099.1	598.6	0.36514	-0.1570E+00	1.24990	0.6999E-01	0.0
427	317.5	1099.0	597.7	0.36337	-0.1610E+00	1.24990	0.6999E-01	0.0
427	318.0	1098.7	597.2	0.36145	-0.1650E+00	1.24990	0.6999E-01	0.0
427	318.5	1098.4	596.5	0.35972	-0.1695E+00	1.24990	0.6999E-01	0.5
427	319.0	1098.4	596.0	0.35790	-0.1737E+00	1.24990	0.6999E-01	0.0

427	319.5	1097.9	595.4	0.35606	-0.1774E+00-9.99900	-0.9999E+04	0.0
427	320.0	1097.9	595.2	0.35405	-0.1226E+00-9.99900	-0.9999E+04	0.0
427	320.5	1097.4	594.0	0.35210	-0.1271E+00-9.99900	-0.9999E+04	0.0
427	321.0	1097.2	593.7	0.35009	-0.1417E+00-9.99900	-0.9999E+04	0.0
427	321.5	1096.9	592.7	0.34794	-0.1257E+00-9.99900	-0.9999E+04	0.5
427	322.0	1096.3	593.9	0.34646	-0.2001E+00-9.99900	-0.9999E+04	0.0
427	323.5	1096.5	589.0	-9.99900	-0.9999E+04-9.99900	-0.9999E+04	0.0
427	324.0	1096.0	567.2	-9.99900	-0.9999E+04-9.99900	-0.9999E+04	0.0

428	1089.0	1099.1	19.1	0.43528	0.3738E-02	1.16571	0.3587E-02	0.5
428	1089.5	1099.1	18.9	0.43529	0.3767E-02	1.16575	0.3527E-02	0.0
428	1090.0	1098.7	18.0	0.43532	0.3827E-02	1.16578	0.3604E-02	0.0
428	1090.5	1098.4	19.2	0.43527	0.3708E-02	1.16573	0.3604E-02	0.5
428	1091.0	1098.3	18.8	0.43525	0.3693E-02	1.16230	-0.1653E-01	0.0
428	1091.5	1098.6	19.1	0.43527	0.3721E-02	1.16575	0.3604E-02	0.0
428	1092.0	1098.8	18.9	0.43528	0.3738E-02	1.16575	0.3604E-02	0.0
428	1092.5	1098.9	18.9	0.43536	0.3775E-02	1.16572	0.3591E-02	0.0
428	1093.0	1098.7	18.7	0.43529	0.3760E-02	1.16574	0.3641E-02	0.5
428	1093.5	1098.8	234.3	0.43502	0.3140E-02	1.16735	0.4998E-02	0.5
428	1094.0	1098.6	589.0	0.43197	-0.4123E-02	1.18058	0.1639E-01	0.5
428	1094.5	1099.6	590.2	0.42944	-0.9628E-02	1.19021	0.2467E-01	0.0
428	1095.0	1100.2	800.1	0.42761	-0.1390E-01	1.19811	0.3148E-01	0.0
428	1095.5	1100.5	801.1	0.42574	-0.1625E-01	1.20534	0.3613E-01	0.5
428	1096.0	1101.3	802.8	0.42414	-0.2196E-01	1.21282	0.4414E-01	0.5
428	1096.5	1101.2	803.8	0.42261	-0.2548E-01	1.21953	0.4992E-01	0.5
428	1097.0	1101.4	804.5	0.42055	-0.3074E-01	1.22603	0.5551E-01	0.0
428	1097.5	1101.4	805.2	0.41905	-0.3369E-01	1.23231	0.6092E-01	0.5
428	1098.0	1101.4	804.7	0.41754	-0.3707E-01	1.23541	0.6359E-01	0.5
428	1098.5	1101.3	803.5	0.41617	-0.4033E-01	-9.99900	-0.9999E+04	0.5
428	1099.0	1101.3	802.8	0.41497	-0.4311E-01	-9.99900	-0.9999E+04	0.5
428	1099.5	1100.9	801.9	0.41367	-0.4610E-01	-9.99900	-0.9999E+04	0.5
428	1100.0	1100.6	801.9	0.41233	-0.4918E-01	-9.99900	-0.9999E+04	0.5
428	1100.5	1100.6	801.7	0.41104	-0.5212E-01	-9.99900	-0.9999E+04	0.5
428	1101.0	1100.8	801.7	0.40984	-0.5492E-01	-9.99900	-0.9999E+04	0.5
428	1101.5	1101.1	801.7	0.40858	-0.5734E-01	-9.99900	-0.9999E+04	0.5
428	1102.0	1100.7	801.9	0.40743	-0.6050E-01	-9.99900	-0.9999E+04	0.5
428	1102.5	1100.9	801.5	0.40630	-0.6308E-01	-9.99900	-0.9999E+04	0.5
428	1103.0	1100.7	801.8	0.40504	-0.6600E-01	-9.99900	-0.9999E+04	0.5
428	1103.5	1100.1	801.5	0.40391	-0.6861E-01	-9.99900	-0.9999E+04	0.5
428	1104.0	1100.5	801.2	0.40274	-0.7129E-01	-9.99900	-0.9999E+04	0.5
428	1104.5	1100.2	801.0	0.40156	-0.7403E-01	-9.99900	-0.9999E+04	0.5
428	1105.0	1100.5	800.7	0.40037	-0.7678E-01	-9.99900	-0.9999E+04	0.5
428	1105.5	1099.7	801.0	0.39919	-0.7948E-01	-9.99900	-0.9999E+04	0.5
428	1106.0	1099.2	800.0	0.39815	-0.8199E-01	-9.99900	-0.9999E+04	0.0
428	1106.5	1099.9	599.4	0.39688	-0.8442E-01	-9.99900	-0.9999E+04	0.0
428	1107.0	1099.4	598.9	0.39578	-0.8735E-01	-9.99900	-0.9999E+04	0.0
428	1107.5	1099.4	598.4	0.39460	-0.9008E-01	-9.99900	-0.9999E+04	0.5
428	1108.0	1099.5	597.9	0.39334	-0.9289E-01	-9.99900	-0.9999E+04	0.0
428	1108.5	1099.1	597.7	0.39229	-0.9541E-01	-9.99900	-0.9999E+04	0.0
428	1109.0	1099.2	597.4	0.39117	-0.9799E-01	-9.99900	-0.9999E+04	0.5
428	1109.5	1099.3	597.9	0.39001	-0.1007E+00	-9.99900	-0.9999E+04	0.5
428	1110.0	1099.2	597.7	0.38827	-0.1033E+00	-9.99900	-0.9999E+04	0.5
428	1110.5	1098.9	597.7	0.38780	-0.1059E+00	-9.99900	-0.9999E+04	0.0
428	1111.0	1098.8	597.2	0.38654	-0.1085E+00	-9.99900	-0.9999E+04	0.5
428	1111.5	1098.7	597.5	0.38529	-0.1115E+00	-9.99900	-0.9999E+04	0.0
428	1112.0	1099.0	598.0	0.38417	-0.1141E+00	-9.99900	-0.9999E+04	0.0
428	1112.5	1098.2	598.5	0.38204	-0.1170E+00	-9.99900	-0.9999E+04	0.5
428	1113.0	1098.5	599.1	0.38175	-0.1197E+00	-9.99900	-0.9999E+04	0.5
428	1113.5	1098.4	599.1	0.38044	-0.1223E+00	-9.99900	-0.9999E+04	0.0
428	1114.0	1098.1	599.0	0.37933	-0.1253E+00	-9.99900	-0.9999E+04	0.0
428	1114.5	1098.2	600.9	0.37800	-0.1283E+00	-9.99900	-0.9999E+04	0.5
428	1115.0	1098.3	600.5	0.37671	-0.1313E+00	-9.99900	-0.9999E+04	0.0
428	1115.5	1098.1	600.2	0.37546	-0.1343E+00	-9.99900	-0.9999E+04	0.0
428	1116.0	1098.5	600.1	0.37401	-0.1376E+00	-9.99900	-0.9999E+04	0.0
428	1116.5	1098.3	599.7	0.37281	-0.1403E+00	-9.99900	-0.9999E+04	0.5
428	1117.0	1098.6	599.3	0.37131	-0.1438E+00	-9.99900	-0.9999E+04	0.0
428	1117.5	1098.4	599.1	0.36993	-0.1470E+00	-9.99900	-0.9999E+04	0.0
428	1118.0	1097.9	599.0	0.36842	-0.1504E+00	-9.99900	-0.9999E+04	0.0
428	1118.5	1098.4	599.5	0.36703	-0.1537E+00	-9.99900	-0.9999E+04	0.5

428	1119.0	1098.6	598.2	0.36562	-.1564E+00-9.99900	-.9999E+04	0.5
428	1119.5	1097.3	597.7	0.36414	-.1603E+00-9.99900	-.9999E+04	0.5
428	1120.0	1098.6	596.7	0.36262	-.1634E+00-9.99900	-.9999E+04	0.0
428	1120.5	1098.6	596.0	0.36121	-.1671E+00-9.99900	-.9999E+04	0.5
428	1121.0	1098.6	595.3	0.35973	-.1705E+00-9.99900	-.9999E+04	0.5
428	1121.5	1098.4	595.1	0.35814	-.1741E+00-9.99900	-.9999E+04	0.5
428	1122.0	1098.0	594.4	0.35656	-.1775E+00-9.99900	-.9999E+04	0.5
428	1122.5	1098.1	593.5	0.35501	-.1814E+00-9.99900	-.9999E+04	0.5
428	1123.0	1097.8	592.7	0.35352	-.1848E+00-9.99900	-.9999E+04	0.5
428	1123.5	1097.6	591.6	0.35165	-.1886E+00-9.99900	-.9999E+04	0.5
428	1124.0	1097.5	590.5	0.35016	-.1925E+00-9.99900	-.9999E+04	0.0
428	1124.5	1097.3	589.4	0.34836	-.1967E+00-9.99900	-.9999E+04	0.5
428	1125.0	1098.3	587.8	0.34659	-.2008E+00-9.99900	-.9999E+04	0.0
428	1125.5	1098.4	586.4	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.0
428	1126.0	1098.4	584.9	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.5
428	1126.5	1098.2	583.3	-9.99900	-.9999E+04-9.99900	-.9999E+04	0.0

L : Localized Temperatures for Selected Ramp
Temperature Tests

TEST 300

2043	1021.00	1.0	98.9	1546.0	1565.0	65.4	0.020	Test 300	2.1	0.43783	9.010E-03	1.17472	3.996E-03
2044	1021.50	1.2	99.1	1547.0	1566.2	65.8	0.024		1.8	0.40074	-7.647E-02	1.17465	3.936E-03
2045	1022.00	1.2	99.2	1547.6	1567.8	66.6	0.020		1.9	0.43785	9.039E-03	1.17461	3.900E-03
2046	1022.50	1.0	98.9	1548.8	1568.4	66.0	0.024		1.8	0.43785	9.039E-03	1.17448	3.790E-03
2047	1023.00	1.3	98.7	1549.2	1569.4	67.2	0.025		1.9	0.43785	9.039E-03	1.17458	3.877E-03
2048	1023.50	1.6	98.8	1550.2	1569.8	67.4	0.025		2.2	0.43786	9.069E-03	1.17460	3.890E-03
2049	1024.00	1.0	98.7	1550.4	1570.4	67.2	0.022		1.9	0.43788	9.129E-03	1.17460	3.890E-03
2050	1024.50	1.2	99.1	1551.0	1571.0	67.0	0.023		1.6	0.43792	9.219E-03	1.17450	3.804E-03
2051	1025.00	1.0	98.8	1550.8	1571.2	67.0	0.022		1.7	0.43800	9.398E-03	1.17462	3.910E-03
2052	1025.50	1.0	98.6	1552.0	1571.4	66.8	0.026		1.5	0.43787	9.099E-03	1.17450	3.804E-03
2053	1026.00	1.9	98.2	1552.8	1573.0	67.6	0.023		2.1	0.43796	9.308E-03	1.17453	3.830E-03
2054	1026.50	1.0	98.5	1553.0	1574.0	67.8	0.014		2.0	0.43795	9.279E-03	1.17452	3.823E-03
2055	1027.00	1.0	98.9	1554.8	1575.8	67.6	0.024		2.3	0.43794	9.249E-03	1.17453	3.830E-03
2056	1027.50	1.6	98.9	1555.0	1576.0	67.0	0.022		2.1	0.43795	9.279E-03	1.17459	3.883E-03
2057	1028.00	1.0	99.1	1556.0	1577.0	67.2	0.025		2.0	0.43805	9.518E-03	1.17462	3.910E-03
2058	1028.50	1.0	98.9	1556.8	1578.2	67.4	0.022		1.8	0.43795	9.279E-03	1.17460	3.890E-03
2059	1029.00	1.0	99.0	1557.8	1579.6	67.2	0.023		2.0	0.43801	9.428E-03	1.17448	3.784E-03
2060	1029.50	1.2	98.8	1558.2	1580.0	67.2	0.025		1.9	0.43799	9.368E-03	1.17459	3.883E-03
2061	1030.00	1.0	98.8	1559.2	1581.0	66.6	0.024		2.0	0.43800	9.398E-03	1.17450	3.877E-03
2062	1030.50	1.2	98.9	1559.8	1582.0	66.8	0.023		2.1	0.43798	9.330E-03	1.17467	3.950E-03
2063	1031.00	1.2	98.6	1560.4	1582.6	66.4	0.025		2.1	0.43803	9.458E-03	1.17472	3.989E-03
2064	1031.50	1.2	98.7	1561.2	1583.4	66.4	0.019		1.8	0.43799	9.368E-03	1.17467	3.950E-03
2065	1032.00	1.0	98.8	1561.2	1584.2	66.8	0.025		1.8	0.43809	9.607E-03	1.17450	3.870E-03
2066	1032.50	1.6	98.6	1562.6	1585.4	65.4	0.019		2.0	0.43801	9.428E-03	1.17486	3.432E-03
2067	1033.00	1.0	99.1	1563.0	1586.0	66.2	0.023		2.1	0.43796	9.308E-03	1.17450	3.870E-03
2068	1033.50	1.9	98.6	1563.6	1587.0	66.6	0.024		1.8	0.43800	9.398E-03	1.15075	-1.650E-02
2069	1034.00	1.0	98.6	1563.8	1586.6	66.4	0.027		1.8	0.43814	9.727E-03	1.17459	3.883E-03
2070	1034.50	1.0	99.0	1564.4	1588.0	66.8	0.024		2.0	0.43813	9.697E-03	1.17455	3.843E-03
2071	1035.00	1.0	98.9	1565.6	1588.4	66.4	0.024		2.1	0.43813	9.697E-03	1.17453	3.827E-03
2072	1035.50	1.0	98.6	1565.8	1590.0	66.6	0.019		2.0	0.43808	9.577E-03	1.15088	-1.638E-02
2073	1036.00	1.5	98.7	1567.2	1590.8	66.4	0.023		1.8	0.43821	9.876E-03	1.17455	3.850E-03
2074	1036.50	1.4	98.6	1567.6	1591.4	66.4	0.024		2.1	0.43822	9.906E-03	1.17453	3.830E-03
2075	1037.00	1.0	99.0	1568.6	1592.8	66.6	0.024		2.1	0.43822	9.906E-03	1.17462	3.910E-03
2076	1037.50	1.2	98.8	1569.0	1593.2	66.4	0.025		2.3	0.43823	9.936E-03	1.17459	3.883E-03
2077	1038.00	1.2	98.7	1569.6	1593.6	66.0	0.025		2.0	0.43821	9.876E-03	1.17452	3.823E-03
2078	1038.50	1.0	99.0	1570.6	1594.6	66.8	0.024		2.1	0.43826	9.996E-03	1.17454	3.837E-03
2079	1039.00	1.2	99.1	1570.6	1595.8	66.4	0.022		2.2	0.43827	1.003E-02	1.17453	3.830E-03
2080	1039.50	1.2	99.0	1571.8	1596.2	66.8	0.022		2.1	0.43822	9.906E-03	1.17455	3.850E-03
2081	1040.00	1.0	99.0	1572.8	1597.0	66.6	0.016		2.1	0.43829	1.006E-02	1.17465	3.930E-03
2082	1040.50	1.2	98.9	1572.6	1597.8	66.0	0.023		2.1	0.43823	9.936E-03	1.17460	3.893E-03
2083	1041.00	1.0	98.8	1574.0	1598.2	65.4	0.024		2.1	0.43826	9.996E-03	1.17462	3.910E-03
2084	1041.50	1.6	99.0	1575.0	1598.4	66.2	0.023		2.1	0.43833	1.015E-02	1.15060	-1.662E-02
2085	1042.00	1.0	98.9	1575.0	1599.6	66.2	0.027		2.0	0.43829	1.006E-02	1.17493	4.169E-03
2086	1042.50	1.5	98.6	1576.2	1600.4	66.4	0.024		2.1	0.43829	1.006E-02	1.17497	4.208E-03
2087	1043.00	1.0	98.8	1577.0	1600.8	67.0	0.024		1.7	0.43817	9.786E-03	1.17500	4.235E-03
2088	1043.50	1.2	98.3	1577.6	1602.2	66.4	0.022		2.5	-9.99900	-9.999E+03	1.17501	4.242E-03
2089	1044.00	1.0	98.9	1578.6	1603.2	66.8	0.021		2.0	-9.99900	-9.999E+03	1.17500	4.228E-03
2090	1044.50	1.5	98.9	1579.4	1603.6	66.8	0.022		2.5	-9.99900	-9.999E+03	1.17528	4.467E-03

TEST 302

RECORD NO.	ELAPSED TIME	PRESSURE		TEMPERATURE DEG. F			DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
		TEHR.	SPEC.	NO. 1	NO. 2	NO. 3						
551	275.00	0.0	99.0	632.2	635.0	632.6	0.705	0.0	0.43480	2.332E-03	1.17506	1.648E-03
552	275.50	1.0	99.0	632.0	635.0	632.6	0.704	0.1	0.43481	2.347E-03	1.17507	1.655E-03
553	276.00	0.0	98.0	631.6	635.0	632.0	0.704	0.2	0.43480	2.317E-03	1.17509	1.675E-03
554	276.50	1.0	98.7	632.0	634.4	632.6	0.705	0.0	0.43480	2.317E-03	1.17510	1.688E-03
555	277.00	0.0	99.2	632.4	635.6	632.6	0.706	0.1	0.43481	2.346E-03	1.17509	1.675E-03
556	277.50	1.5	98.9	632.0	635.2	633.4	0.705	0.0	0.43485	2.436E-03	1.17509	1.675E-03
557	278.00	1.0	98.5	632.0	634.0	633.0	0.705	-0.1	0.43478	2.272E-03	1.17510	1.688E-03
558	278.50	0.0	99.0	632.2	635.4	632.0	0.705	0.3	0.43480	2.332E-03	1.17513	1.708E-03
559	279.00	1.0	98.0	631.6	635.2	633.2	0.699	0.4	0.43482	2.376E-03	1.17511	1.695E-03
560	279.50	1.0	98.9	631.0	635.4	632.0	0.704	0.0	0.43477	2.257E-03	1.17509	1.675E-03
561	280.00	1.0	99.0	632.2	635.6	633.2	0.704	0.0	0.43478	2.272E-03	1.17514	1.715E-03
562	280.50	1.3	98.0	632.0	635.4	633.2	0.702	0.0	0.43476	2.227E-03	1.17513	1.708E-03
563	281.00	0.0	99.2	631.0	635.4	633.0	0.706	0.1	0.43477	2.257E-03	1.17515	1.728E-03
564	281.50	0.0	99.1	632.2	635.4	633.0	0.705	0.1	0.43477	2.242E-03	1.17524	1.801E-03
565	282.00	0.0	99.1	632.0	635.4	633.0	0.705	0.0	0.43480	2.317E-03	1.17516	1.735E-03
566	282.50	1.0	98.6	632.6	635.0	632.0	0.704	0.4	0.43479	2.302E-03	1.17511	1.695E-03
567	283.00	0.0	99.0	631.4	635.4	632.0	0.706	0.1	0.43478	2.272E-03	1.17517	1.741E-03
568	283.50	1.0	98.3	632.6	636.6	633.0	0.704	0.3	0.43478	2.272E-03	1.17515	1.728E-03
569	284.00	1.0	98.9	633.0	637.0	635.2	0.707	0.5	0.43483	2.391E-03	1.17516	1.735E-03
570	284.50	1.0	99.0	630.4	641.0	630.0	0.707	0.7	0.43480	2.332E-03	1.17517	1.740E-03
571	285.00	1.0	99.0	640.0	651.0	649.0	0.707	1.3	0.43484	2.406E-03	1.17527	1.827E-03
572	285.50	1.0	99.1	666.0	669.6	669.0	0.709	2.5	0.43490	2.541E-03	1.17535	1.893E-03
573	286.00	1.9	99.5	696.4	698.6	699.4	0.712	3.1	0.43497	2.705E-03	1.17555	2.066E-03
574	286.50	0.0	99.1	736.2	738.6	737.6	0.711	3.9	0.43501	2.810E-03	1.17566	2.150E-03
575	287.00	1.0	99.1	784.2	786.2	785.0	0.701	3.7	0.43514	3.094E-03	1.17503	2.304E-03
576	287.50	1.0	99.4	830.0	830.6	830.0	0.704	4.1	0.43523	3.310E-03	1.17597	2.423E-03
577	288.00	1.6	98.7	894.2	894.6	892.2	0.704	3.8	0.43537	3.632E-03	1.17631	2.714E-03
578	288.50	1.0	99.6	950.0	950.0	946.4	0.704	3.0	0.43550	3.946E-03	1.17641	2.800E-03
579	289.00	1.0	99.8	1005.0	1004.8	999.0	0.701	3.7	0.43562	4.200E-03	1.17659	2.953E-03
580	289.50	1.0	99.8	1050.0	1057.2	1051.2	0.697	3.2	0.43571	4.424E-03	1.17670	3.052E-03
581	290.00	1.0	100.1	1110.0	1100.8	1101.4	0.701	3.3	0.43578	4.588E-03	1.17699	3.297E-03
582	290.50	1.0	99.4	1161.0	1157.0	1150.4	0.704	3.6	0.43593	4.932E-03	1.17709	3.376E-03
583	291.00	1.0	99.6	1210.2	1206.2	1190.0	0.699	3.2	0.43606	5.231E-03	1.17726	3.529E-03
584	291.50	0.0	99.8	1259.4	1254.2	1246.0	0.703	4.1	0.43615	5.425E-03	1.17743	3.674E-03
585	292.00	1.9	99.0	1300.0	1302.4	1293.6	0.704	3.8	0.43622	5.590E-03	1.17761	3.827E-03
586	292.50	1.0	99.9	1354.0	1348.6	1341.0	0.704	4.4	0.43635	5.904E-03	1.17772	3.919E-03
587	293.00	1.0	99.7	1399.0	1393.2	1386.2	0.704	3.8	0.43628	5.739E-03	1.17785	4.032E-03
588	293.50	1.0	99.2	1441.6	1434.6	1420.6	0.704	3.8	0.43639	5.993E-03	1.17809	4.230E-03
589	294.00	1.9	99.6	1482.0	1475.2	1470.4	0.704	4.2	0.43654	6.322E-03	1.17815	4.283E-03
590	294.50	1.0	99.4	1524.4	1516.0	1511.4	0.707	4.3	0.43658	6.232E-03	1.17837	4.469E-03
591	295.00	1.0	99.6	1562.4	1555.0	1551.6	0.701	4.6	0.43664	6.561E-03	1.17847	4.555E-03
592	295.50	1.9	98.0	1593.0	1589.0	1587.6	0.710	4.6	0.43659	6.442E-03	1.17850	4.581E-03
593	296.00	0.0	98.0	1616.0	1613.6	1614.4	0.707	4.6	0.43646	6.143E-03	1.17852	4.601E-03
594	296.50	1.5	98.9	1633.6	1632.0	1633.4	0.708	5.1	0.43632	5.814E-03	1.17861	4.581E-03
595	297.00	1.0	98.7	1654.6	1652.0	1654.2	0.710	5.5	0.43629	5.754E-03	1.1801	6.726E-03
596	297.50	1.9	98.6	1683.2	1679.0	1681.6	0.712	6.7	0.43630	5.784E-03	1.1806	6.581E-03

TEST 307

500	249.50	4.4	49.1	631.2	625.6	630.4	0.124	3.9	0.43461	2.003E-03	1.17223	1.629E-03
501	250.00	4.4	49.2	628.8	625.4	630.2	0.120	4.3	0.43458	1.943E-03	1.17222	1.616E-03
502	250.50	4.7	49.5	628.0	625.0	629.2	0.117	4.3	0.43458	1.943E-03	1.17229	1.682E-03
503	251.00	4.5	49.0	630.0	625.6	629.4	0.115	4.2	0.43458	1.928E-03	1.17220	1.603E-03
504	251.50	4.7	49.0	630.6	626.8	629.6	0.120	4.6	0.43460	1.973E-03	1.17217	1.576E-03
505	252.00	4.3	49.5	632.0	625.8	629.8	0.121	4.4	0.43456	1.898E-03	1.17222	1.623E-03
506	252.50	4.7	49.0	632.0	627.6	630.4	0.110	4.3	0.43465	2.093E-03	1.17229	1.682E-03
507	253.00	4.7	49.3	631.4	628.0	630.6	0.116	4.0	0.43462	2.033E-03	1.17239	1.769E-03
508	253.50	4.9	49.0	630.2	627.8	630.8	0.115	4.4	0.43466	2.123E-03	1.17227	1.662E-03
509	254.00	4.5	49.2	628.6	627.2	630.6	0.121	4.4	0.43458	1.943E-03	1.17218	1.583E-03
510	254.50	4.9	49.0	630.2	628.2	632.0	0.124	4.4	0.43456	1.883E-03	1.17229	1.676E-03
511	255.00	4.9	49.5	635.0	631.6	635.2	0.124	4.6	0.43463	2.048E-03	1.17221	1.609E-03
512	255.50	5.2	49.9	646.4	639.8	643.2	0.123	5.4	0.43460	1.988E-03	1.17232	1.702E-03
513	256.00	4.7	49.4	668.0	656.0	660.0	0.123	6.2	0.43475	2.317E-03	1.17246	1.822E-03
514	256.50	4.9	49.8	700.2	683.4	687.4	0.124	6.5	0.43482	2.481E-03	1.17255	1.901E-03
515	257.00	3.3	48.9	743.8	723.0	725.8	0.118	6.8	0.43495	2.780E-03	1.17278	2.100E-03
516	257.50	4.1	49.7	794.4	770.2	772.6	0.118	7.4	0.43497	2.825E-03	1.17296	2.253E-03
517	258.00	4.7	49.6	854.0	823.6	824.6	0.114	7.4	0.43517	3.303E-03	1.17312	2.386E-03
518	258.50	4.9	49.9	914.4	881.4	881.0	0.112	7.9	0.43521	3.393E-03	1.17333	2.572E-03
519	259.00	4.9	100.4	974.0	939.8	937.8	0.113	7.4	0.43534	3.692E-03	1.17357	2.777E-03
520	259.50	5.4	100.6	1033.8	998.2	994.4	0.113	7.4	0.43539	3.797E-03	1.17373	2.910E-03
521	260.00	4.7	99.9	1090.4	1051.6	1048.6	0.112	7.0	0.43560	4.275E-03	1.17394	3.086E-03
522	260.50	4.9	100.0	1145.4	1106.2	1099.6	0.112	7.0	0.43576	4.664E-03	1.17418	3.295E-03
523	261.00	5.0	99.7	1197.4	1156.4	1149.6	0.114	6.7	0.43586	4.888E-03	1.17435	3.441E-03
524	261.50	4.3	100.3	1247.0	1204.2	1198.2	0.113	6.8	0.43602	5.247E-03	1.17451	3.574E-03
525	262.00	4.9	99.4	1292.2	1251.8	1244.0	0.116	7.1	0.43609	5.426E-03	1.17462	3.667E-03
526	262.50	4.7	100.0	1337.0	1297.2	1288.6	0.118	7.2	0.43619	5.635E-03	1.17484	3.859E-03
527	263.00	4.7	100.0	1376.0	1340.2	1331.4	0.118	7.2	0.43632	5.949E-03	1.17488	3.892E-03
528	263.50	3.9	99.9	1417.2	1381.4	1372.2	0.118	7.5	0.43658	6.547E-03	1.17515	4.124E-03
529	264.00	4.3	99.9	1458.8	1420.0	1412.8	0.123	7.8	0.43677	6.980E-03	1.17527	4.225E-03
530	264.50	4.9	100.0	1499.2	1460.0	1454.4	0.119	8.0	0.43685	7.175E-03	1.17545	4.383E-03
531	265.00	4.3	99.5	1539.2	1499.8	1497.0	0.123	7.8	0.43678	7.010E-03	1.17562	4.529E-03
532	265.50	4.9	99.9	1574.0	1535.8	1536.4	0.123	8.1	0.43692	7.339E-03	1.17576	4.649E-03
533	266.00	4.7	99.9	1601.6	1566.2	1568.8	0.121	8.3	0.43693	7.354E-03	1.17584	4.715E-03
534	266.50	3.3	99.7	1617.6	1589.8	1594.2	0.122	7.9	0.43693	7.354E-03	1.17594	4.795E-03
535	267.00	4.9	99.5	1632.8	1605.6	1612.2	0.129	8.3	0.43722	8.027E-03	1.17544	4.795E-03
536	267.50	5.0	99.3	1654.8	1624.8	1631.0	0.124	9.0	0.43772	9.163E-03	1.17688	5.598E-03
537	268.00	4.5	99.0	1691.0	1653.0	1656.2	0.123	9.7	0.43822	1.033E-02	1.17746	6.095E-03
538	268.50	5.0	98.4	1743.2	1697.2	1695.6	0.118	10.0	0.43895	1.200E-02	1.17823	6.759E-03
539	269.00	4.3	97.8	1827.8	1768.4	1758.6	0.113	10.7	0.43957	1.344E-02	1.17914	7.536E-03
540	269.50	4.7	97.7	1925.6	1864.6	1848.8	0.112	9.9	0.44027	1.505E-02	1.18008	8.332E-03
541	270.00	4.9	99.1	2013.8	1955.4	1937.4	0.107	9.3	0.44113	1.703E-02	1.18112	9.228E-03
542	270.50	4.1	99.5	2071.8	2024.0	2003.8	0.106	8.2	0.44263	2.049E-02	1.18197	9.951E-03
543	271.00	4.3	99.4	2100.8	2012.2	2041.4	0.106	7.5	0.44363	2.279E-02	1.18021	-8.604E-03
544	271.50	4.9	99.6	2106.4	1791.8	2054.8	0.115	7.9	0.44467	2.514E-02	1.14597	-2.081E-02
545	272.00	5.4	98.6	2122.8	1623.6	2073.0	0.135	11.1	0.44533	2.671E-02	1.15669	-1.145E-02
546	272.50	4.5	94.1	0.0	1492.0	2183.2	0.152	20.4	0.47046	8.465E-02	1.10789	-5.335E-02
547	273.00	5.2	91.4	0.0	1401.0	0.0	0.123	23.8	0.44350	2.250E-02	1.10489	-5.591E-02
548	273.50	4.1	90.7	0.0	1338.4	0.0	0.119	24.8	-9.99900	-9.999E-03	1.20439	-2.911E-02
							0.102	14.3	-9.99900	-9.999E-03	1.14867	-2.422E-02

377	188.00	74.6	399.6	623.4	631.8	631.8	-.335	3.2	0.43431	2.319E-03	1.17290	1.625E-03
378	188.50	75.0	399.0	622.4	632.2	631.8	-.335	3.2	0.43435	2.274E-03	1.17292	1.625E-03
379	189.00	74.2	399.1	623.4	631.8	630.6	-.334	3.2	0.43443	2.454E-03	1.17291	1.691E-03
380	189.50	74.6	399.4	623.6	631.2	631.2	-.335	3.2	0.43443	2.454E-03	1.17291	1.691E-03
381	190.00	74.2	399.9	623.6	632.0	630.8	-.336	2.5	0.43436	2.304E-03	1.17288	1.665E-03
382	190.50	74.4	399.7	624.6	632.0	631.0	-.334	3.3	0.43444	2.468E-03	1.17284	1.625E-03
383	191.00	73.8	399.5	625.4	631.8	631.6	-.333	3.2	0.43437	2.319E-03	1.17284	1.625E-03
384	191.50	74.6	399.5	627.8	633.2	633.8	-.335	3.6	0.43440	2.379E-03	1.17290	1.678E-03
385	192.00	74.4	399.6	632.2	638.2	638.6	-.329	3.9	0.43439	2.364E-03	1.17298	1.744E-03

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BUFFER COUNT= 3

PAGE NO. 8

RECORD NO.	ELAPSED TIME	PRESSURE YEHR.	SPEC.	TEMPERATURE DEG.F NO.1	NO.2	NO.3	DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
386	192.50	75.0	399.6	644.2	650.6	649.8	-.329	5.0	0.43443	2.453E-03	1.17296	1.731E-03
387	193.00	73.8	400.1	666.6	673.8	672.8	-.327	6.1	0.43449	2.603E-03	1.17305	1.811E-03
388	193.50	74.0	400.6	701.6	708.4	704.6	-.331	6.4	0.43463	2.917E-03	1.17330	2.023E-03
389	194.00	74.6	401.8	745.8	753.4	748.8	-.328	6.4	0.43471	3.112E-03	1.17348	2.175E-03
390	194.50	75.0	401.4	799.0	805.6	797.8	-.333	6.8	0.43484	3.396E-03	1.17364	2.315E-03
391	195.00	75.5	402.4	854.8	862.8	851.2	-.337	6.6	0.43505	3.890E-03	1.17371	2.375E-03
392	195.50	75.2	402.2	910.6	917.6	906.8	-.341	6.5	0.43512	4.054E-03	1.17406	2.673E-03
393	196.00	75.5	402.4	966.4	973.6	959.8	-.336	6.1	0.43529	4.443E-03	1.17421	2.799E-03
394	196.50	74.8	402.5	1020.8	1027.8	1013.8	-.340	6.5	0.43541	4.728E-03	1.17438	2.872E-03
395	197.00	75.2	402.1	1071.2	1078.2	1063.8	-.337	5.9	0.43543	4.757E-03	1.17454	3.078E-03
396	197.50	75.7	401.8	1121.4	1129.8	1112.8	-.337	5.8	0.43559	5.131E-03	1.17475	3.263E-03
397	198.00	74.8	401.9	1178.4	1177.8	1159.8	-.337	6.4	0.43571	5.401E-03	1.17476	3.263E-03
398	198.50	74.6	401.7	1217.8	1223.2	1206.2	-.340	6.1	0.43592	5.894E-03	1.17517	3.615E-03
399	199.00	75.4	401.5	1259.8	1267.8	1250.4	-.340	6.8	0.43621	6.553E-03	1.17531	3.734E-03
400	199.50	74.4	401.8	1306.8	1314.8	1296.8	-.335	6.4	0.43653	7.301E-03	1.17554	3.933E-03
401	200.00	74.8	400.7	1350.4	1359.2	1340.8	-.334	6.3	0.43689	8.138E-03	1.17563	4.013E-03
402	200.50	74.4	401.1	1392.6	1401.8	1382.8	-.337	6.6	0.43702	8.438E-03	1.17578	4.139E-03
403	201.00	74.8	400.9	1434.6	1441.2	1425.4	-.335	6.9	0.43715	8.722E-03	1.17600	4.325E-03
404	201.50	74.8	400.5	1488.8	1483.8	1467.8	-.332	7.1	0.43743	9.380E-03	1.17615	4.451E-03
405	202.00	75.3	400.3	1523.6	1527.4	1511.8	-.330	6.6	0.43763	9.844E-03	1.17633	4.610E-03
406	202.50	75.2	400.3	1562.8	1567.4	1553.6	-.331	6.8	0.43790	1.046E-02	1.17659	4.829E-03
407	203.00	73.8	400.2	1593.8	1599.4	1589.8	-.332	7.3	0.43799	1.067E-02	1.17654	4.789E-03
408	203.50	74.6	399.8	1610.8	1617.8	1610.2	-.338	7.5	-9.99980	-9.999E+03	1.17684	5.041E-03
409	204.00	74.4	399.3	1628.2	1634.2	1628.2	-.329	7.9	-9.99980	-9.999E+03	1.17794	5.983E-03
410	204.50	74.8	399.2	1648.4	1654.8	1649.8	-.328	8.3	-9.99980	-9.999E+03	1.17882	6.739E-03
411	205.00	75.0	398.8	1688.4	1686.8	1679.2	-.327	8.9	-9.99980	-9.999E+03	1.18038	-3.464E-02
412	205.50	65.6	354.1	1715.6	1727.6	1717.6	-.326	9.2	-9.99980	-9.999E+03	1.15396	-1.449E-02
413	206.00	65.4	358.2	1767.2	1805.8	1797.6	-.331	9.9	-9.99980	-9.999E+03	1.11131	-5.092E-02

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BUFFER COUNT = 5

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RECORD NO.	ELAPSED TIME	PRESSURE TEMP.	PRESSURE SPEC.	TEMPERATURE DEG.F NO.1	TEMPERATURE DEG.F NO.2	TEMPERATURE DEG.F NO.3	DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
1211	605.00	191.7	899.0	1393.0	1377.0	1377.2	0.011	4.6	0.47063	0.442E-02	1.17404	-5.055E-03
1212	605.50	191.7	898.0	1394.0	1378.6	1378.6	0.013	7.0	0.47144	0.630E-02	1.17366	-5.377E-03
1213	606.00	191.5	898.7	1397.0	1379.0	1378.4	0.007	11.2	0.47231	0.830E-02	1.17293	-5.996E-03
1214	606.50	190.4	898.6	1399.2	1379.0	1379.0	0.008	13.9	0.47319	0.034E-02	1.17284	-6.069E-03
1215	607.00	191.7	899.0	1400.4	1380.6	1381.0	0.009	15.4	0.47265	0.908E-02	1.17274	-6.161E-03
1216	607.50	192.1	898.1	1400.6	1381.6	1382.0	0.008	15.5	0.47380	0.173E-02	1.17262	-6.259E-03
1217	608.00	191.7	898.7	1402.0	1384.0	1383.4	0.010	16.2	0.47449	0.332E-02	1.17243	-6.424E-03
1218	608.50	191.7	898.4	1404.0	1386.0	1385.4	0.006	16.9	0.47557	0.500E-02	1.17223	-6.588E-03
1219	609.00	192.2	898.8	1406.6	1388.6	1388.0	0.008	17.1	0.47654	0.804E-02	1.17203	-6.760E-03
1220	609.50	191.5	898.6	1407.2	1385.8	1385.4	0.008	17.3	0.47777	1.009E-01	1.17179	-6.964E-03
1221	610.00	191.7	898.1	1406.2	1387.8	1388.2	0.008	17.7	0.47896	1.036E-01	1.17153	-7.181E-03
1222	610.50	192.2	898.7	1407.8	1389.8	1389.4	0.004	17.6	0.48023	1.065E-01	1.17130	-7.378E-03
1223	611.00	191.1	898.5	1408.0	1392.0	1391.6	0.008	17.3	0.48130	1.090E-01	1.17100	-7.563E-03
1224	611.50	191.3	898.7	1409.2	1392.0	1392.2	0.010	17.6	0.48265	1.121E-01	1.17087	-7.740E-03
1225	612.00	192.2	898.4	1409.0	1392.8	1393.0	0.008	17.6	0.48423	1.150E-01	1.17053	-8.030E-03
1226	612.50	191.9	898.4	1409.6	1392.2	1392.8	0.010	18.3	0.48539	1.184E-01	1.171350	-5.629E-02
1227	613.00	190.9	898.2	1410.4	1393.4	1393.4	0.008	18.9	0.48693	1.220E-01	1.16982	-6.636E-03
1228	613.50	191.7	898.6	1414.6	1393.6	1393.8	0.005	19.3	0.48866	1.260E-01	1.16936	-9.017E-03
1229	614.00	191.7	898.1	1416.6	1393.6	1394.0	0.008	20.3	0.49020	1.297E-01	1.16904	-9.294E-03
1230	614.50	190.9	898.5	1418.0	1395.8	1397.6	0.008	20.4	0.49204	1.338E-01	1.16850	-9.754E-03
1231	615.00	191.3	898.0	1419.2	1397.8	1399.2	0.011	21.3	0.49413	1.386E-01	1.16823	-9.978E-03
1232	615.50	191.7	897.5	1421.6	1397.8	1400.2	0.010	22.0	0.49616	1.432E-01	1.16773	-1.040E-02
1233	616.00	191.1	897.6	1423.0	1400.6	1402.6	0.008	21.0	0.49870	1.491E-01	1.16702	-1.100E-02
1234	616.50	191.7	898.6	1424.2	1402.8	1403.8	0.007	22.4	0.50118	1.548E-01	1.16639	-1.154E-02
1235	617.00	191.7	897.6	1427.2	1404.2	1405.2	0.005	23.2	0.50388	1.611E-01	1.16557	-1.223E-02
1236	617.50	191.3	897.5	1428.8	1404.6	1404.8	0.008	24.8	0.50685	1.679E-01	1.16485	-1.284E-02
1237	618.00	191.3	897.1	1432.0	1405.8	1407.0	0.011	25.4	0.50988	1.749E-01	1.16390	-1.365E-02
1238	618.50	192.1	897.2	1434.0	1408.4	1408.8	0.008	26.5	0.51367	1.836E-01	1.16276	-1.462E-02
1239	619.00	191.5	896.5	1436.0	1409.6	1410.8	0.008	28.2	0.51747	1.924E-01	1.16103	-1.608E-02
1240	619.50	191.5	895.9	1440.4	1410.2	1411.6	0.008	37.7	0.52209	2.030E-01	1.15922	-1.761E-02
1241	620.00	191.1	894.2	1444.0	1411.4	1414.0	0.011	55.8	0.52653	2.132E-01	1.15761	-1.898E-02
1242	620.50	190.5	893.5	1447.0	1412.0	1416.2	0.010	77.4	0.53213	2.261E-01	1.15430	-2.179E-02
1243	621.00	173.4	888.8	1376.0	1348.2	1329.8	0.004	81.5	0.52907	2.191E-01	1.15452	-2.160E-02
1244	621.50	193.4	876.4	1294.8	1274.8	1250.6	0.001	106.0	0.52892	2.188E-01	1.15455	-2.157E-02
1245	622.00	193.0	874.4	1311.2	1241.8	1260.4	0.005	90.0	0.52907	2.191E-01	1.15499	-2.120E-02
1246	622.50	193.4	876.0	1383.2	1325.8	1298.8	0.005	84.4	0.52941	2.199E-01	1.15567	-2.062E-02
1247	623.00	193.0	877.9	1470.6	1384.2	1388.0	0.003	69.5	0.52969	2.205E-01	1.15682	-1.965E-02
1248	623.50	193.0	879.8	1527.4	1429.8	1387.0	0.794	49.6	0.52976	2.207E-01	1.15740	-1.915E-02
1249	624.00	194.2	881.3	1549.2	1452.4	1406.0	0.792	24.7	0.52981	2.208E-01	1.15716	-1.936E-02
1250	624.50	194.2	882.5	1554.2	1455.4	1412.2	0.795	7.5	0.52969	2.205E-01	1.15701	-1.949E-02
1251	625.00	195.4	884.1	1542.6	1451.0	1410.6	0.803	1.3	0.52981	2.208E-01	1.15671	-1.974E-02
1252	625.50	195.0	884.4	1523.0	1442.0	1406.0	0.803	1.6	0.52980	2.208E-01	1.15673	-1.973E-02
1253	626.00	195.0	884.4	1523.0	1442.0	1406.0	0.803	1.6	0.52980	2.208E-01	1.15673	-1.973E-02

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1510	754.50	75.3	344.5	1588.4	1577.4	1574.2	0.655	2.5	0.46412	6.958E-02	1.17653	3.431E-03
1511	755.00	75.4	400.1	1588.8	1577.8	1594.4	0.659	2.5	0.46412	7.084E-02	1.17667	4.056E-03
1512	755.50	75.5	400.0	1589.0	1579.8	1594.8	0.655	2.9	0.46467	7.263E-02	1.17659	3.983E-03
1513	756.00	75.9	399.9	1593.0	1579.4	1595.4	0.656	3.2	0.46545	7.390E-02	1.17681	4.169E-03
1514	756.50	75.3	400.1	1593.6	1580.8	1596.8	0.660	2.9	0.46600	7.571E-02	1.17681	4.169E-03
1515	757.00	75.0	400.2	1593.4	1583.8	1599.2	0.660	2.3	0.46678	7.723E-02	1.17679	4.155E-03
1516	757.50	75.3	400.0	1594.2	1586.0	1600.8	0.655	2.8	0.46744	7.889E-02	1.17689	4.242E-03
1517	758.00	75.3	400.0	1595.2	1587.2	1601.4	0.659	3.0	0.46816	8.071E-02	1.17677	4.135E-03
1518	758.50	75.9	399.9	1595.8	1585.0	1603.2	0.659	2.9	0.46895	8.240E-02	1.17683	4.188E-03
1519	759.00	76.1	399.8	1596.2	1583.8	1602.2	0.658	2.8	0.46969	8.397E-02	1.17688	4.228E-03
1520	759.50	75.5	399.9	1598.4	1584.2	1603.4	0.658	2.4	0.47037	8.628E-02	1.17688	4.228E-03
1521	760.00	75.7	399.6	1599.6	1586.6	1605.2	0.658	2.7	0.47137	8.785E-02	1.17698	4.314E-03
1522	760.50	75.9	399.5	1600.2	1588.2	1607.2	0.659	3.2	0.47205	8.942E-02	1.17700	4.334E-03
1523	761.00	75.3	399.8	1602.2	1592.2	1609.4	0.658	2.7	0.47273	9.160E-02	1.17699	4.328E-03
1524	761.50	76.1	399.9	1604.0	1593.8	1611.4	0.659	2.3	0.47368	9.396E-02	1.17705	4.374E-03
1525	762.00	75.9	399.9	1604.6	1591.4	1611.8	0.658	2.8	0.47470	9.585E-02	1.17702	4.354E-03
1526	762.50	75.3	399.5	1602.8	1594.2	1613.2	0.656	2.9	0.47552	9.834E-02	1.17696	4.301E-03
1527	763.00	75.7	399.6	1604.8	1596.6	1614.8	0.658	2.8	0.47660	1.004E-01	1.17710	4.420E-03
1528	763.50	76.1	399.7	1606.0	1596.8	1616.0	0.659	3.1	0.47750	1.029E-01	1.17702	4.348E-03
1529	764.00	74.6	399.6	1606.8	1596.0	1616.6	0.658	2.7	0.47860	1.052E-01	1.17734	4.626E-03
1530	764.50	75.7	399.5	1606.0	1594.0	1617.0	0.658	2.7	0.47957	1.076E-01	1.17711	4.427E-03
1531	765.00	75.3	399.5	1608.2	1593.0	1617.8	0.659	3.1	0.48064	1.099E-01	1.17709	4.407E-03
1532	765.50	75.5	399.6	1610.2	1593.6	1618.6	0.658	3.8	0.48163	1.130E-01	1.17712	4.434E-03
1533	766.00	75.5	399.3	1614.2	1591.8	1618.2	0.655	3.0	0.48296	1.160E-01	1.17705	4.374E-03
1534	766.50	75.0	399.6	1615.2	1596.4	1622.0	0.660	2.9	0.48425	1.188E-01	1.17701	4.341E-03
1535	767.00	76.5	399.6	1617.2	1600.0	1625.0	0.657	3.2	0.48547	1.221E-01	1.17702	4.341E-03
1536	767.50	75.7	399.5	1619.2	1601.4	1628.0	0.658	2.7	0.48689	1.251E-01	1.17701	4.348E-03
1537	768.00	75.7	399.6	1619.8	1602.8	1629.6	0.655	2.8	0.48823	1.289E-01	1.17676	4.129E-03
1538	768.50	75.0	399.5	1618.4	1601.6	1629.6	0.655	2.8	0.48985	1.321E-01	1.17662	4.010E-03
1539	769.00	75.9	399.2	1619.6	1603.4	1630.8	0.649	2.9	0.49124	1.142E-01	1.17470	2.373E-03
1540	769.50	68.5	374.8	1604.6	1602.0	1623.8	0.652	3.2	0.48348			

TEST NO. 313

BUFFER COUNT# 5

PAGE NO. 29

RECORD NO.	ELAPSED TIME	PRESSURE TEMP.	PRESSURE SPEC.	TEMPERATURE DEG.F NO.1	TEMPERATURE DEG.F NO.2	TEMPERATURE DEG.F NO.3	DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
1541	770.00	80.8	390.3	1551.6	1564.8	1563.8	0.648	2.7	0.49027	1.298E-01	1.17511	2.724E-03
1542	770.50	83.7	404.9	1568.2	1556.6	1575.2	0.657	2.6	0.49026	1.298E-01	1.17504	2.664E-03
1543	771.00	83.9	406.3	1590.4	1563.0	1590.0	0.659	3.1	0.49047	1.303E-01	1.17521	2.803E-03
1544	771.50	84.1	407.2	1611.4	1582.2	1611.6	0.661	3.1	0.49037	1.301E-01	1.17547	3.029E-03
1545	772.00	84.5	408.5	1629.0	1596.8	1631.2	0.659	3.2	0.49055	1.305E-01	1.17566	3.194E-03
1546	772.50	84.5	409.3	1636.6	1609.8	1642.0	0.653	2.5	0.49061	1.306E-01	1.17600	3.479E-03
1547	773.00	84.9	410.1	1640.2	1614.6	1647.4	0.655	2.5	0.49070	1.308E-01	1.17583	3.334E-03
				1640.6	1615.0	1650.8	0.651	2.5	0.49076	1.310E-01	1.17606	3.532E-03
										1.307E-01	1.17621	3.658E-03

TEST NO. 315

BLFFER COUNT= 5

PAGE NO. 11

RECORD NO.	ELAPSED TIME	PRESSURE TEMP.	SPEC.	TEMPERATURE DEG.F NO.1	NO.2	NO.3	DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
551	275.00	306.8	1405.0	811.0	814.2	816.0	0.600	2.1	0.43555	3.121E-03	1.18183	2.187E-03
552	275.50	306.8	1404.1	830.6	835.6	835.4	0.600	2.3	0.43557	3.166E-03	1.18192	2.259E-03
553	276.00	307.4	1404.4	849.8	854.4	855.6	0.600	1.8	0.43567	3.404E-03	1.18193	2.272E-03
554	276.50	307.4	1402.4	870.2	874.8	874.8	0.600	2.2	0.43570	3.464E-03	1.18205	2.371E-03
555	277.00	308.4	1403.0	892.0	895.2	893.8	0.610	2.4	0.43574	3.569E-03	1.18211	2.424E-03
556	277.50	307.0	1402.4	911.0	914.2	913.0	0.610	2.0	0.43581	3.718E-03	1.18205	2.371E-03
557	278.00	305.5	1402.4	929.0	934.2	932.6	0.600	2.1	0.43586	3.822E-03	1.18218	2.483E-03
558	278.50	306.2	1402.6	951.0	953.4	951.4	0.606	1.9	0.43587	3.852E-03	1.18239	2.661E-03
559	279.00	305.8	1402.8	969.8	973.6	970.4	0.609	2.5	0.43600	4.166E-03	1.18237	2.641E-03
560	279.50	306.6	1402.2	988.4	992.4	990.4	0.600	2.1	0.43603	4.226E-03	1.18244	2.707E-03
561	280.00	306.0	1401.5	1008.8	1010.4	1006.4	0.612	2.2	0.43615	4.494E-03	1.18257	2.812E-03
562	280.50	305.8	1401.0	1029.2	1029.8	1023.6	0.614	2.6	0.43630	4.853E-03	1.18259	2.832E-03
563	281.00	305.7	1401.5	1047.8	1048.6	1041.8	0.600	2.4	0.43636	4.987E-03	1.18257	2.812E-03
564	281.50	305.6	1400.7	1067.4	1066.4	1059.6	0.611	2.4	0.43649	5.286E-03	1.18262	2.858E-03
565	282.00	304.7	1400.4	1085.2	1086.4	1077.6	0.609	2.2	0.43667	5.704E-03	1.18279	2.997E-03
566	282.50	305.8	1400.4	1099.4	1103.8	1096.8	0.609	2.0	0.43683	6.062E-03	1.18289	3.089E-03
567	283.00	305.8	1400.5	1118.6	1121.6	1111.8	0.610	2.5	0.43700	6.465E-03	1.18278	2.990E-03
568	283.50	305.1	1400.0	1136.0	1138.8	1130.2	0.611	2.3	0.43713	6.764E-03	1.18294	3.128E-03
569	284.00	304.0	1400.3	1151.6	1154.6	1145.8	0.612	2.5	0.43728	7.107E-03	1.18303	3.208E-03
570	284.50	305.8	1399.8	1169.4	1171.0	1161.2	0.606	2.1	0.43759	7.817E-03	1.18306	3.227E-03
571	285.00	305.5	1399.8	1186.4	1187.8	1176.4	0.609	2.1	0.43797	8.690E-03	1.18327	3.405E-03
572	285.50	306.8	1399.6	1202.6	1202.6	1192.2	0.611	2.1	0.43842	9.736E-03	1.18324	3.379E-03
573	286.00	304.9	1399.6	1218.8	1218.6	1207.6	0.613	2.7	0.43896	1.097E-02	1.18328	3.412E-03
574	286.50	304.9	1399.2	1234.4	1234.2	1224.2	0.611	2.7	0.43962	1.250E-02	1.18313	3.286E-03
575	287.00	305.3	1399.7	1252.2	1250.6	1240.2	0.614	2.5	0.44051	1.454E-02	1.18311	3.273E-03
576	287.50	306.2	1399.7	1268.8	1266.4	1256.8	0.614	2.8	0.44160	1.704E-02	1.18292	3.109E-03
577	288.00	304.7	1398.0	1286.8	1283.4	1273.2	0.612	3.2	0.44289	2.002E-02	1.18253	2.779E-03
578	288.50	305.7	1398.5	1303.8	1301.4	1290.6	0.612	3.1	0.44434	2.337E-02	1.18199	2.325E-03
579	289.00	305.3	1398.3	1320.4	1319.0	1307.6	0.613	3.4	0.44629	2.786E-02	1.18132	1.752E-03
580	289.50	305.3	1398.1	1336.6	1335.8	1324.8	0.616	2.9	0.44864	3.327E-02	1.18027	0.628E-04
581	290.00	305.7	1397.8	1354.6	1351.3	1341.0	0.614	2.9	0.45183	4.061E-02	1.17878	-4.017E-04
582	290.50	304.7	1397.3	1371.8	1360.6	1357.2	0.615	3.8	0.45638	5.118E-02	1.17665	-2.206E-03
583	291.00	304.4	1396.5	1389.2	1385.4	1375.8	0.614	42.0	0.46296	6.624E-02	1.17551	-3.174E-03
584	291.50	304.7	1394.9	1409.4	1402.6	1391.4	0.614	56.8	0.47354	9.062E-02	1.17521	-3.431E-03
585	292.00	303.9	1391.6	1424.2	1421.6	1403.6	0.614	69.8	0.49487	1.397E-01	1.17444	-4.077E-03
586	292.50	299.0	1379.6	1449.0	1446.2	1430.4	0.614	120.1	-9.99900	-9.999E+03	1.17400	-4.452E-03
587	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01
588	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01
589	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01
590	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01
591	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01
592	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01

420	209.50	191.4	902.0	1209.0	1207.0	1201.0	0.808	2.5	0.43753	1.383E-03	1.17604	3.070E-03
421	210.00	191.5	901.8	1224.8	1222.8	1217.2	0.818	2.5	0.43774	8.047E-03	1.17614	3.738E-03
422	210.50	191.5	901.6	1241.6	1239.2	1234.0	0.819	2.8	0.43807	8.809E-03	1.17622	3.811E-03
423	211.00	190.9	900.8	1257.4	1256.4	1250.2	0.819	2.7	0.43843	9.645E-03	1.17628	3.864E-03
424	211.50	192.2	900.5	1273.2	1272.6	1267.0	0.818	2.6	0.43873	1.033E-02	1.17626	3.844E-03
425	212.00	190.4	900.1	1289.8	1289.2	1284.0	0.821	2.3	0.43901	1.099E-02	1.17624	3.824E-03
426	212.50	191.3	900.2	1305.0	1305.8	1300.0	0.819	2.7	0.43934	1.174E-02	1.17620	3.858E-03
427	213.00	190.3	900.0	1322.0	1321.6	1316.0	0.821	2.9	0.43969	1.254E-02	1.17622	3.805E-03
428	213.50	191.3	900.0	1337.8	1338.0	1332.4	0.816	2.9	0.44000	1.326E-02	1.17625	3.831E-03
429	214.00	191.5	899.8	1353.6	1354.4	1348.0	0.820	2.6	0.44034	1.403E-02	1.17620	3.791E-03
430	214.50	191.1	900.1	1368.4	1370.8	1364.6	0.823	2.5	0.44066	1.478E-02	1.17608	3.685E-03
431	215.00	191.1	900.1	1385.8	1386.2	1381.2	0.823	2.5	0.44117	1.596E-02	1.17597	3.592E-03
432	215.50	191.1	899.9	1400.4	1402.2	1397.0	0.822	2.9	0.44476	2.422E-02	1.17581	3.460E-03
433	216.00	190.4	900.4	1417.8	1419.0	1413.6	0.824	3.0	0.44251	1.904E-02	1.17549	3.181E-03
434	216.50	190.9	900.5	1433.0	1434.0	1429.8	0.824	2.7	0.44348	2.128E-02	1.17517	2.910E-03
435	217.00	191.3	900.3	1450.6	1449.8	1445.8	0.821	3.5	0.44474	2.419E-02	1.17470	2.512E-03
436	217.50	190.7	900.2	1466.8	1466.6	1461.8	0.822	3.1	0.44667	2.862E-02	1.17398	1.896E-03
437	218.00	191.1	900.1	1481.2	1482.6	1477.8	0.823	3.2	0.44893	3.383E-02	1.17290	1.047E-03
438	218.50	190.7	899.8	1497.6	1499.0	1495.8	0.823	3.2	0.45232	4.163E-02	1.17152	-2.055E-04
439	219.00	191.4	899.6	1514.6	1514.8	1510.8	0.822	7.7	0.45636	5.094E-02	1.16959	-1.849E-03
440	219.50	191.1	899.1	1529.8	1530.8	1526.8	0.823	26.5	0.46156	6.292E-02	1.16840	-2.863E-03

TEST NO. 317

BUFFER COUNT 5

PAGE NO. 9

RECORD NO.	ELAPSED TIME	PRESSURE TFRR	SPEC.	TEMPERATURE DEG.F NO.1	NO.2	NO.3	D18 PLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
441	220.00	190.4	898.9	1544.2	1545.2	1541.6	0.822	32.9	0.46828	7.838E-02	1.16787	-3.314E-03
442	220.50	191.1	898.8	1558.8	1558.2	1555.0	0.823	36.0	0.47691	9.826E-02	1.16728	-3.825E-03
443	221.00	190.3	896.3	1570.4	1571.6	1568.4	0.824	38.3	0.48939	1.278E-01	1.16653	-4.461E-03
444	221.50	189.7	893.9	1583.0	1584.2	1580.0	0.821	44.2	0.50935	1.738E-01	1.16533	-5.482E-03
445	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01
446	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01
447	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01
448	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01
449	0.00	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.00000	0.000E-01	0.00000	0.000E-01

531	265.00	77.7	410.2	1196.0	1199.8	1177.2	0.595	2.4	0.43615	6.500E-03	1.17003	0.543E-04
532	265.50	77.5	409.5	1211.0	1215.0	1193.4	0.595	2.6	0.43620	6.613E-03	1.17613	9.452E-04
533	266.00	77.1	409.2	1227.2	1231.2	1210.0	0.591	2.9	0.43635	6.957E-03	1.17611	9.321E-04
534	266.50	77.7	409.6	1245.0	1247.4	1226.0	0.597	2.9	0.43646	7.211E-03	1.17633	1.117E-03
535	267.00	77.3	408.4	1260.0	1264.6	1243.2	0.598	2.5	0.43650	7.301E-03	1.17627	1.064E-03
536	267.50	77.9	407.6	1277.0	1279.6	1250.2	0.600	2.9	0.43677	7.930E-03	1.17645	1.216E-03
537	268.00	77.5	407.8	1294.0	1295.4	1276.4	0.597	2.8	0.43675	7.885E-03	1.17647	1.236E-03
538	268.50	76.5	407.9	1311.0	1311.2	1292.4	0.597	3.0	0.43692	8.274E-03	1.17652	1.276E-03
539	269.00	77.7	408.1	1325.0	1327.4	1308.0	0.598	2.4	0.43698	8.423E-03	1.17660	1.342E-03
540	269.50	77.1	408.0	1339.0	1344.0	1326.2	0.598	2.8	0.43712	8.738E-03	1.17664	1.341E-03
541	270.00	77.5	407.8	1358.0	1360.8	1342.6	0.600	3.2	0.43807	1.094E-02	1.17668	1.415E-03
542	270.50	77.3	407.6	1377.2	1378.2	1360.0	0.597	3.4	0.43721	8.947E-03	1.17677	1.494E-03
543	271.00	76.5	407.6	1394.6	1397.2	1377.6	0.599	3.2	0.43724	9.007E-03	1.17685	1.560E-03
544	271.50	77.1	407.4	1412.2	1412.4	1394.6	0.602	2.1	0.43732	9.201E-03	1.17681	1.527E-03
545	272.00	76.9	407.3	1425.8	1426.4	1409.6	0.603	2.5	0.43301	-7.480E-04	1.17692	1.619E-03
546	272.50	76.5	407.1	1440.2	1442.6	1426.2	0.600	3.2	0.43759	9.830E-03	1.17708	1.752E-03
547	273.00	76.9	406.9	1456.4	1459.0	1442.8	0.602	3.4	0.43769	1.005E-02	1.17707	1.745E-03
548	273.50	77.7	407.3	1471.8	1476.6	1459.6	0.600	2.9	0.43789	1.052E-02	1.17719	1.851E-03
549	274.00	76.5	406.6	1490.4	1493.2	1475.6	0.600	3.6	0.43810	1.101E-02	1.17719	1.851E-03
550	274.50	76.5	407.0	1503.0	1508.0	1492.2	0.601	3.4	0.43805	1.089E-02	1.17727	1.917E-03

TEST NO. 318

BUFFER COUNT 5

PAGE NO. 11

RECORD NO.	ELAPSED TIME	PRESSURE TEMP.	SPEC.	TEMPERATURE DEG. F NO. 1	NO. 2	NO. 3	DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
551	275.00	76.5	406.8	1518.0	1523.4	1507.8	0.600	3.3	0.43823	1.131E-02	1.17731	1.950E-03
552	275.50	76.7	406.2	1532.8	1536.4	1522.2	0.602	3.6	0.43842	1.174E-02	1.17738	2.009E-03
553	276.00	76.5	406.5	1548.4	1547.8	1536.2	0.597	3.2	0.43863	1.222E-02	1.17743	2.056E-03
554	276.50	76.9	406.3	1558.0	1562.0	1549.8	0.605	3.4	0.44216	2.036E-02	1.17734	1.976E-03
555	277.00	76.3	406.5	1566.8	1574.2	1562.0	0.603	3.9	0.43900	1.308E-02	1.17732	1.957E-03
556	277.50	77.5	406.4	1574.6	1586.4	1574.8	0.602	3.9	0.44069	1.698E-02	1.17734	1.976E-03
557	278.00	77.3	406.3	1588.2	1595.8	1586.2	0.603	4.2	0.43998	1.535E-02	1.17746	2.075E-03
558	278.50	76.3	406.2	1598.2	1604.6	1595.0	0.605	4.0	0.44067	1.694E-02	1.17757	2.175E-03
559	279.00	76.7	406.2	1602.8	1612.4	1605.6	0.605	4.0	0.44128	1.833E-02	1.17682	1.533E-03
560	279.50	77.1	405.9	1615.4	1622.2	1615.0	0.604	4.8	0.44231	2.071E-02	1.17771	2.287E-03
561	280.00	77.3	405.8	1626.0	1631.8	1625.2	0.605	4.5	0.44335	2.312E-02	1.17776	2.333E-03
562	280.50	76.9	405.6	1638.0	1644.4	1635.6	0.605	5.0	0.44486	2.660E-02	1.17659	1.335E-03
563	281.00	76.9	405.1	1645.4	1656.4	1648.2	0.603	4.9	0.44671	3.087E-02	1.17809	2.617E-03
564	281.50	76.5	405.8	1663.8	1670.8	1662.6	0.604	4.9	0.44938	3.703E-02	1.17852	2.981E-03
565	282.00	77.1	406.7	1664.0	1688.4	1680.4	0.605	5.5	0.45349	4.652E-02	1.17893	3.325E-03
566	282.50	75.9	404.3	1706.0	1710.0	1701.8	0.602	5.2	0.46246	6.721E-02	1.17653	1.289E-03
567	283.00	67.2	324.2	1667.6	1718.8	1708.0	0.596	4.9	0.46331	6.918E-02	-9.999E-03	-9.999E-03
568	283.50	76.5	380.7	1704.2	1745.0	1735.2	0.597	4.6	0.46375	7.020E-02	1.17827	2.750E-03

422	210.50	306.6	1346.9	1179.0	1181.0	1175.0	0.641	1.4	0.43037	1.070E-02	1.17000	3.427E-03
423	211.00	306.6	1346.9	1185.0	1185.6	1178.8	0.642	1.2	0.43880	1.137E-02	1.17803	3.427E-03
424	211.50	306.6	1346.8	1190.6	1188.6	1183.4	0.644	1.9	0.43887	1.154E-02	1.17827	3.625E-03
425	212.00	306.6	1346.7	1194.6	1193.0	1188.6	0.644	1.8	0.43921	1.231E-02	1.17834	3.685E-03
426	212.50	306.6	1346.5	1196.6	1200.2	1194.8	0.645	1.4	0.43936	1.267E-02	1.17829	3.645E-03
427	213.00	307.2	1346.0	1203.0	1205.2	1200.0	0.644	2.0	0.43971	1.348E-02	1.17823	3.592E-03
428	213.50	306.6	1347.0	1208.2	1211.0	1205.2	0.636	1.4	0.44000	1.414E-02	1.17819	3.559E-03
429	214.00	307.2	1347.1	1215.0	1215.4	1210.8	0.645	1.8	0.44030	1.484E-02	1.17816	3.533E-03
430	214.50	306.6	1346.8	1220.0	1222.8	1216.8	0.644	1.8	0.44065	1.563E-02	1.17814	3.519E-03
431	215.00	306.4	1347.2	1225.6	1226.6	1222.0	0.643	1.4	0.44105	1.656E-02	1.17799	3.387E-03
432	215.50	306.6	1346.9	1232.0	1232.0	1228.0	0.647	1.2	0.44145	1.749E-02	1.17791	3.321E-03
433	216.00	307.2	1346.4	1235.0	1238.6	1234.2	0.644	1.6	0.44181	1.832E-02	1.17764	3.089E-03
434	216.50	307.4	1348.0	1240.4	1244.2	1239.2	0.643	1.8	0.44231	1.947E-02	1.17759	3.050E-03
435	217.00	306.4	1347.4	1248.0	1249.8	1244.8	0.645	1.7	0.44279	2.058E-02	1.17730	2.885E-03
436	217.50	306.8	1347.1	1252.2	1252.6	1249.0	0.642	1.7	0.44340	2.197E-02	1.17717	2.692E-03
437	218.00	306.4	1347.6	1258.4	1257.2	1254.4	0.644	2.0	0.44392	2.318E-02	1.17698	2.534E-03
438	218.50	306.6	1347.8	1263.0	1262.4	1259.0	0.647	1.8	0.44446	2.443E-02	1.17656	2.176E-03
439	219.00	306.2	1347.9	1269.6	1267.0	1264.4	0.643	1.8	0.44526	2.627E-02	1.17634	1.985E-03
440	219.50	306.4	1347.4	1275.4	1273.6	1269.8	0.643	2.1	0.44595	2.785E-02	1.17602	1.713E-03

EST NO. 319

BUFFER COUNT# 5

PAGE NO. 9

ECURR NO.	ELAPSED TIME	PRESSURE TEMP.,	SPEC.	TEMPERATURE DEG.F NO.1	NO.2	NO.3	DISPLACE- MENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
441	220.00	306.0	1348.0	1281.8	1279.2	1276.0	0.639	1.8	0.44693	3.011E-02	1.17560	1.356E-03
442	220.50	306.6	1347.5	1287.2	1283.6	1280.4	0.646	1.8	0.44775	3.281E-02	1.17521	1.025E-03
443	221.00	306.8	1347.6	1293.0	1289.8	1286.2	0.645	1.8	0.44876	3.432E-02	1.17472	6.086E-04
444	221.50	306.6	1347.7	1299.0	1295.8	1292.8	0.646	1.5	0.45004	3.728E-02	1.17413	1.058E-04
445	222.00	307.2	1348.0	1304.4	1302.0	1299.6	0.646	2.1	0.45139	4.039E-02	1.17332	-5.888E-04
446	222.50	306.4	1347.5	1311.2	1308.2	1306.2	0.644	2.0	0.45303	4.417E-02	1.17263	-1.178E-03
447	223.00	307.0	1347.4	1317.6	1313.4	1310.8	0.645	5.6	0.45477	4.818E-02	1.17179	-1.892E-03
448	223.50	306.4	1347.0	1322.2	1319.8	1317.2	0.643	21.0	0.45702	5.336E-02	1.17156	-2.090E-03
449	224.00	306.6	1347.4	1326.4	1325.2	1320.6	0.641	35.5	0.45933	5.870E-02	1.17121	-2.382E-03
450	224.50	306.6	1347.2	1333.2	1330.0	1327.8	0.641	45.4	0.46183	6.445E-02	1.17103	-2.540E-03
451	225.00	306.0	1347.1	1339.4	1335.4	1333.4	0.640	51.9	0.46464	7.186E-02	1.17060	-2.904E-03
452	225.50	307.0	1347.0	1347.2	1342.6	1341.0	0.643	56.0	0.46813	7.897E-02	1.17057	-2.931E-03
453	226.00	305.5	1346.3	1354.2	1348.0	1346.0	0.642	61.1	0.47225	8.846E-02	1.17034	-3.123E-03
454	226.50	306.2	1345.8	1360.6	1355.2	1352.8	0.641	64.0	0.47747	1.005E-01	1.17008	-3.348E-03
455	227.00	306.4	1345.2	1366.0	1360.4	1358.8	0.642	68.5	0.48403	1.156E-01	1.16980	-3.586E-03
456	227.50	305.7	1343.6	1373.2	1369.4	1367.8	0.644	74.9	0.49278	1.358E-01	1.16933	-3.983E-03
457	228.00	305.5	1342.1	1383.8	1376.2	1377.0	0.644	84.1	0.50539	1.649E-01	1.16867	-4.552E-03
458	228.50	304.3	1349.4	1394.2	1385.4	1387.0	0.647	97.9	0.52516	2.184E-01	1.16728	-5.729E-03
459	229.00	302.9	1342.2	1406.0	1394.6	1399.4	0.647	131.5	0.56340	2.986E-01	1.16432	-8.256E-03
460	229.50	302.0	1341.1	1408.0	1384.6	1384.4	0.648	6.6	-9.99900	-9.999E+03	1.19254	1.570E-02

TEST NO. 322

RUFFER COUNT# 5

PAGE NO. 12

RECORD NO.	ELAPSED TIME	PRESSURE		TEMPERATURE DEG. F			DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRICAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
NO.		TEMP.	SPEC.	NO.1	NO.2	NO.3						
606	302.50	75.7	399.4	1489.2	1491.4	1494.4	-.085	2.5	0.43862	1.163E-02	1.19113	3.836E-03
607	303.00	74.8	399.5	1495.0	1495.4	1498.4	-.084	2.2	0.43867	1.174E-02	1.19107	3.790E-03
608	303.50	74.8	399.7	1498.2	1499.8	1503.6	-.083	2.0	0.43876	1.195E-02	1.19108	3.796E-03
609	304.00	74.6	399.7	1502.6	1506.2	1508.4	-.087	3.0	0.43889	1.225E-02	1.19118	3.881E-03
610	304.50	75.2	399.8	1506.4	1512.0	1513.2	-.086	2.1	0.43887	1.220E-02	1.19104	3.764E-03
611	305.00	75.0	399.5	1510.2	1516.2	1518.0	-.087	2.1	0.43892	1.232E-02	1.19104	3.764E-03
612	305.50	74.8	399.6	1516.6	1522.2	1523.8	-.088	2.3	0.43917	1.209E-02	1.19110	3.816E-03
613	306.00	75.2	399.3	1522.8	1526.4	1527.8	-.085	2.5	0.43911	1.275E-02	1.19110	3.809E-03
614	306.50	74.6	399.1	1528.4	1530.4	1530.8	-.085	2.4	0.43921	1.298E-02	1.19115	3.855E-03
615	307.00	74.8	399.4	1532.2	1532.2	1534.8	-.083	2.5	0.43934	1.329E-02	1.19115	3.855E-03
616	307.50	75.5	399.4	1534.4	1538.4	1539.0	-.086	2.8	0.43949	1.355E-02	1.19114	3.849E-03
617	308.00	75.2	399.3	1538.2	1544.2	1544.8	-.082	2.4	0.43968	1.407E-02	1.19097	3.705E-03
618	308.50	74.6	399.2	1542.4	1547.2	1549.8	-.084	2.5	0.43967	1.406E-02	1.19124	3.934E-03
619	309.00	75.2	399.4	1545.8	1551.4	1553.6	-.085	2.4	0.43990	1.458E-02	1.19107	3.798E-03
620	309.50	74.8	399.3	1550.2	1556.6	1557.2	-.085	2.5	0.43999	1.479E-02	1.19105	3.770E-03
621	310.00	75.2	398.9	1555.6	1558.2	1561.8	-.088	2.9	0.44014	1.513E-02	1.19095	3.685E-03
622	310.50	74.8	399.1	1560.2	1563.8	1565.4	-.084	2.7	0.44037	1.566E-02	1.19105	3.770E-03
623	311.00	74.8	399.3	1563.8	1569.2	1571.4	-.084	2.1	0.44063	1.627E-02	1.19108	3.731E-03
624	311.50	75.0	399.2	1568.4	1574.4	1575.6	-.086	3.0	0.44088	1.666E-02	1.19094	3.679E-03
625	312.00	75.3	398.6	1571.4	1576.8	1578.6	-.083	2.5	0.44101	1.714E-02	1.19108	3.731E-03
626	312.50	75.0	399.1	1574.8	1580.0	1581.8	-.086	2.8	0.44129	1.778E-02	1.19081	3.567E-03
627	313.00	75.0	398.6	1579.8	1582.2	1584.6	-.085	3.2	0.44151	1.838E-02	1.19099	3.718E-03
628	313.50	74.8	399.1	1583.6	1587.0	1589.8	-.082	2.8	0.44185	1.907E-02	1.19105	3.770E-03
629	314.00	75.0	398.9	1588.4	1591.4	1593.2	-.082	3.0	0.44215	1.977E-02	1.19096	3.692E-03
630	314.50	74.4	398.8	1589.8	1596.6	1597.4	-.085	3.2	0.44255	2.070E-02	1.19088	3.561E-03
631	315.00	75.0	398.6	1594.6	1600.4	1601.6	-.083	2.5	0.44303	2.180E-02	1.19094	3.679E-03
632	315.50	75.3	398.4	1598.2	1604.2	1605.4	-.082	3.3	0.44336	2.256E-02	1.19098	3.711E-03
633	316.00	74.2	398.6	1602.0	1607.2	1607.4	-.079	3.1	0.44387	2.375E-02	1.19100	3.731E-03
634	316.50	75.0	398.9	1606.8	1612.0	1612.8	-.082	3.4	0.44439	2.494E-02	1.19096	3.692E-03
635	317.00	74.8	398.8	1611.6	1616.6	1617.2	-.079	2.9	0.44502	2.638E-02	1.19090	3.646E-03
636	317.50	74.6	398.7	1614.6	1621.8	1622.8	-.078	2.8	0.44559	2.771E-02	1.19102	3.744E-03
637	318.00	75.2	399.0	1621.8	1625.6	1626.6	-.084	3.1	0.44614	2.898E-02	1.19101	3.737E-03
638	318.50	75.0	398.7	1624.8	1628.4	1631.8	-.079	2.9	0.44714	3.127E-02	1.19097	3.705E-03
639	319.00	75.3	397.9	1630.2	1632.0	1634.8	-.079	3.1	0.44793	3.311E-02	1.19110	3.810E-03
640	319.50	75.2	398.5	1635.8	1638.8	1639.6	-.079	3.9	0.44899	3.554E-02	1.19115	3.855E-03
641	320.00	74.8	398.1	1642.8	1644.0	1644.8	-.082	3.7	0.45005	3.800E-02	1.19123	3.921E-03
642	320.50	75.2	398.4	1650.0	1648.8	1648.8	-.079	3.2	0.45133	4.094E-02	1.19124	3.927E-03
643	321.00	74.6	398.3	1654.8	1654.8	1655.2	-.079	3.6	0.45269	4.408E-02	1.19137	3.999E-03
644	321.50	74.2	398.1	1659.2	1660.8	1660.8	-.079	3.6	0.45409	4.731E-02	1.1913	4.045E-03
645	322.00	74.0	398.2	1664.8	1664.8	1664.8	-.079	3.4	0.45583	5.132E-02	1.1915	4.202E-03

600	302.50	74.7	349.4	1499.2	1497.4	1494.4	-0.003	2.2	0.43867	1.174E-02	1.19107	3.790E-03
607	303.50	74.6	349.5	1495.0	1495.4	1498.4	-0.084	2.2	0.43876	1.195E-02	1.19100	3.796E-03
608	303.50	74.6	349.7	1498.2	1499.8	1503.6	-0.083	2.0	0.43889	1.225E-02	1.19110	3.801E-03
609	304.00	74.6	349.7	1502.6	1506.2	1508.4	-0.087	3.0	0.43887	1.220E-02	1.19104	3.764E-03
610	304.50	75.2	399.0	1506.4	1512.0	1513.2	-0.086	2.1	0.43892	1.232E-02	1.19104	3.764E-03
611	305.00	75.0	399.5	1510.2	1516.2	1518.0	-0.087	2.1	0.43917	1.289E-02	1.19110	3.816E-03
612	305.50	74.8	399.6	1516.6	1522.2	1523.8	-0.088	2.3	0.43911	1.275E-02	1.19110	3.809E-03
613	306.00	75.2	399.3	1522.6	1526.4	1527.0	-0.085	2.5	0.43921	1.298E-02	1.19115	3.855E-03
614	306.50	74.6	349.1	1528.4	1530.4	1530.8	-0.085	2.4	0.43934	1.329E-02	1.19115	3.855E-03
615	307.00	74.8	349.4	1532.2	1532.2	1534.0	-0.083	2.5	0.43945	1.355E-02	1.19114	3.849E-03
616	307.50	75.5	349.4	1534.4	1538.4	1539.6	-0.086	2.8	0.43968	1.407E-02	1.19097	3.705E-03
617	308.00	75.2	349.3	1538.2	1543.2	1544.8	-0.082	2.4	0.43967	1.406E-02	1.19124	3.934E-03
618	308.50	74.6	349.2	1542.4	1547.2	1549.8	-0.084	2.5	0.43990	1.458E-02	1.19107	3.790E-03
619	309.00	75.2	349.4	1545.8	1551.4	1553.6	-0.085	2.4	0.43999	1.479E-02	1.19105	3.770E-03
620	309.50	74.8	349.3	1550.2	1556.6	1557.2	-0.085	2.5	0.44014	1.513E-02	1.19095	3.685E-03
621	310.00	75.2	398.9	1555.6	1558.2	1561.8	-0.088	2.9	0.44037	1.566E-02	1.19105	3.770E-03
622	310.50	74.8	399.1	1560.2	1563.0	1565.4	-0.084	2.7	0.44063	1.627E-02	1.19100	3.731E-03
623	311.00	74.8	349.3	1563.8	1569.2	1571.4	-0.084	2.1	0.44080	1.666E-02	1.19094	3.679E-03
624	311.50	75.0	349.2	1568.4	1574.4	1575.6	-0.086	3.0	0.44101	1.714E-02	1.19100	3.731E-03
625	312.00	75.3	398.6	1571.4	1576.8	1578.6	-0.083	2.5	0.44129	1.778E-02	1.19081	3.567E-03
626	312.50	75.0	399.1	1574.8	1580.0	1581.8	-0.086	2.8	0.44151	1.830E-02	1.19099	3.718E-03
627	313.00	75.0	348.6	1579.8	1582.2	1584.6	-0.085	3.2	0.44185	1.987E-02	1.19105	3.770E-03
628	313.50	74.8	349.1	1583.6	1587.0	1589.0	-0.082	2.8	0.44215	1.977E-02	1.19096	3.692E-03
629	314.00	75.0	398.9	1588.4	1591.4	1593.2	-0.082	3.0	0.44255	2.070E-02	1.19080	3.561E-03
630	314.50	74.4	398.8	1589.8	1596.6	1597.4	-0.085	3.2	0.44303	2.180E-02	1.19094	3.679E-03
631	315.00	75.0	348.6	1594.6	1600.4	1601.6	-0.083	2.5	0.44336	2.256E-02	1.19098	3.711E-03
632	315.50	75.3	398.4	1598.2	1604.2	1605.4	-0.082	3.3	0.44387	2.375E-02	1.19100	3.731E-03
633	316.00	74.2	398.6	1602.0	1607.2	1607.4	-0.079	3.1	0.44439	2.494E-02	1.19096	3.692E-03
634	316.50	75.0	398.9	1606.8	1612.0	1612.8	-0.082	3.4	0.44502	2.630E-02	1.19090	3.646E-03
635	317.00	74.6	348.8	1611.6	1616.6	1617.2	-0.079	2.9	0.44559	2.771E-02	1.19102	3.744E-03
636	317.50	74.6	348.7	1614.6	1621.8	1622.8	-0.078	2.8	0.44614	2.898E-02	1.19101	3.737E-03
637	318.00	75.2	399.0	1621.0	1625.6	1626.6	-0.084	3.1	0.44714	3.127E-02	1.19097	3.705E-03
638	318.50	75.0	398.7	1624.8	1628.4	1631.0	-0.079	2.9	0.44793	3.311E-02	1.19110	3.810E-03
639	319.00	75.3	347.9	1630.2	1632.0	1634.8	-0.079	3.1	0.44899	3.554E-02	1.19115	3.855E-03
640	319.50	75.2	398.5	1635.8	1638.0	1639.6	-0.079	3.9	0.45005	3.800E-02	1.19123	3.921E-03
641	320.00	74.8	346.1	1642.8	1644.8	1644.8	-0.082	3.7	0.45133	4.094E-02	1.19124	3.927E-03
642	320.50	75.2	398.4	1650.0	1648.0	1648.8	-0.079	3.2	0.45269	4.408E-02	1.19132	3.999E-03
643	321.00	74.6	348.3	1654.8	1654.8	1655.2	-0.079	3.6	0.45409	4.731E-02	1.19138	4.045E-03
644	321.50	74.2	348.1	1659.2	1660.0	1660.0	-0.079	3.6	0.45583	5.132E-02	1.19156	4.202E-03
645	322.00	74.8	348.2	1664.8	1664.0	1664.8	-0.079	3.4	0.45765	5.552E-02	1.19148	4.137E-03
646	322.50	74.8	398.1	1670.0	1671.0	1670.8	-0.078	3.6	0.45999	6.092E-02	1.19180	4.405E-03
647	323.00	74.2	348.1	1676.6	1678.2	1677.6	-0.081	3.2	0.46262	6.697E-02	1.19188	4.471E-03
648	323.50	75.0	348.3	1681.6	1685.0	1683.8	-0.081	3.6	0.46592	7.459E-02	1.19196	4.536E-03
649	324.00	74.6	348.0	1688.2	1691.8	1689.6	-0.079	2.6	0.47063	8.346E-02	1.19123	3.921E-03
650	324.50	75.0	347.6	1697.4	1697.4	1695.6	-0.079	3.6	-9.99900	-9.999E+03	1.23502	4.083E-02
651	325.00	62.5	344.9	1689.4	1664.8	1669.2	-0.085	3.5	-9.99900	-9.999E+03	1.19240	4.909E-03
652	325.50	79.6	387.6	1682.0	1638.2	1648.2	-0.080	3.1	-9.99900	-9.999E+03	1.19228	4.804E-03
653	326.00	79.6	393.5	1699.4	1659.8	1668.6	-0.075	4.3	-9.99900	-9.999E+03	1.19251	5.001E-03
654	326.50	81.0	346.3	1725.6	1695.2	1698.0	-0.073	4.3	-9.99900	-9.999E+03	1.19277	5.223E-03
655	327.00	81.4	348.9	1754.4	1721.6	1726.4	-0.085	4.2	0.00000	0.000E+00	1.19276	5.210E-03

1793	896.00	500.8	399.8	1614.6	1631.2	1625.8	-.154	3.5	0.54079	0.744E-02	1.17778	5.270E-03
1794	896.50	500.4	399.7	1614.0	1630.6	1625.0	-.151	3.2	0.54082	0.750E-02	1.17799	5.449E-03
1795	897.00	501.4	399.4	1614.4	1630.0	1626.4	-.153	3.2	0.54223	9.033E-02	1.17804	5.496E-03
1796	897.50	500.0	399.9	1616.2	1629.6	1627.0	-.151	3.7	0.54223	9.033E-02	1.17812	5.562E-03
1797	898.00	500.4	399.6	1616.6	1632.4	1628.6	-.152	3.6	0.54370	9.346E-02	1.17819	5.622E-03
1798	898.50	500.8	399.6	1617.2	1631.8	1629.2	-.153	3.3	0.54384	9.357E-02	1.17822	5.648E-03
1799	899.00	501.0	399.3	1618.0	1630.8	1629.8	-.149	3.3	0.54546	9.683E-02	1.17818	5.615E-03
1800	899.50	500.2	399.5	1619.0	1633.8	1631.2	-.151	3.4	0.54631	9.855E-02	1.17837	5.774E-03
1801	900.00	499.8	399.6	1619.8	1636.8	1631.8	-.153	3.4	0.54717	1.003E-01	1.17850	5.887E-03
1802	900.50	500.2	399.1	1621.0	1637.8	1632.2	-.153	2.9	0.54792	1.018E-01	1.17862	5.986E-03
1803	901.00	499.8	399.5	1620.8	1638.4	1633.2	-.153	3.7	0.54887	1.037E-01	1.17858	5.960E-03
1804	901.50	500.4	399.5	1622.2	1638.8	1633.8	-.151	2.5	0.54966	1.053E-01	1.17862	5.986E-03
1805	902.00	500.8	399.1	1623.6	1637.2	1634.8	-.152	3.0	0.55063	1.072E-01	1.17877	6.119E-03
1806	902.50	500.4	399.3	1625.0	1639.0	1635.8	-.155	3.3	0.55164	1.093E-01	1.17875	6.185E-03
1807	903.00	500.6	399.3	1625.0	1641.4	1636.8	-.150	3.6	0.55241	1.108E-01	1.17869	6.052E-03
1808	903.50	500.8	399.3	1626.6	1644.0	1637.8	-.153	3.6	0.55352	1.130E-01	1.17876	6.112E-03
1809	904.00	499.6	399.3	1626.2	1642.8	1638.2	-.151	3.3	0.55450	1.152E-01	1.17883	6.172E-03
1810	904.50	500.8	399.3	1626.2	1643.4	1638.6	-.151	3.3	0.55547	1.170E-01	1.17880	6.145E-03
1811	905.00	499.3	399.1	1625.6	1644.4	1639.6	-.153	3.5	0.55657	1.192E-01	1.17887	6.205E-03
1812	905.50	500.8	399.2	1628.2	1644.8	1640.4	-.150	2.9	0.55788	1.218E-01	1.17897	6.291E-03
1813	906.00	499.8	399.3	1630.2	1645.2	1642.0	-.150	3.0	0.55903	1.241E-01	1.17914	6.430E-03
1814	906.50	500.2	399.2	1631.0	1644.6	1643.2	-.151	3.4	0.55927	1.246E-01	1.17921	6.497E-03
1815	907.00	499.8	398.8	1631.8	1648.0	1644.4	-.151	3.2	0.56150	1.291E-01	1.17915	6.443E-03

TEST NO. 325

BUFFER COUNT# 5

PAGE NO. 34

RECORD NO.	ELAPSED TIME	PRESSURE TERR.	PRESSURE SPEC.	TEMPERATURE DEG. F NO.1	TEMPERATURE DEG. F NO.2	TEMPERATURE DEG. F NO.3	DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
1816	907.50	499.8	399.3	1633.2	1650.2	1646.8	-.151	3.2	0.56198	1.299E-01	1.17975	6.954E-03
1817	908.00	499.1	399.0	1634.2	1651.4	1648.8	-.151	3.9	0.56417	1.345E-01	1.17995	7.126E-03
1818	908.50	500.2	398.9	1633.4	1653.2	1647.8	-.157	3.6	0.56531	1.367E-01	1.18005	7.212E-03
1819	909.00	499.8	399.1	1633.6	1653.8	1647.6	-.153	3.9	0.56595	1.380E-01	1.20108	2.516E-02
1820	909.50	499.5	398.6	1635.0	1654.0	1648.0	-.153	3.5	0.56759	1.413E-01	1.23105	5.074E-02
1821	910.00	499.1	398.7	1637.2	1655.8	1649.4	-.148	3.5	0.56987	1.443E-01	1.22149	4.259E-02
1822	910.50	499.6	399.1	1638.4	1656.8	1651.2	-.152	3.5	0.57103	1.482E-01	1.20933	3.220E-02
1823	911.00	499.5	398.7	1639.4	1656.2	1650.8	-.153	3.3	0.57359	1.533E-01	1.20463	2.819E-02
1824	911.50	499.1	398.3	1639.8	1657.4	1653.8	-.155	3.2	0.57590	1.588E-01	1.20568	2.989E-02
1825	912.00	499.6	398.1	1640.8	1658.2	1654.0	-.151	3.1	0.57808	1.624E-01	1.21857	4.009E-02
1826	912.50	498.7	398.5	1642.6	1660.2	1655.4	-.153	4.1	0.58108	1.683E-01	1.21897	4.043E-02
1827	913.00	498.7	397.7	1644.8	1660.4	1657.0	-.151	3.6	0.58517	1.767E-01	1.17937	6.629E-03
1828	913.50	449.2	359.9	1534.8	1625.8	1542.4	-.153	3.6	0.58512	1.766E-01	1.17625	3.964E-03
1829	914.00	455.2	365.6	1487.2	1598.2	1494.4	-.147	3.8	0.58481	1.760E-01	1.17621	3.984E-03
1830	914.50	457.1	366.6	1462.8	1581.4	1466.4	-.145	4.4	0.58472	1.758E-01	1.17631	4.037E-03
1831	915.00	458.1	367.7	1450.2	1570.4	1449.2	-.138	4.8	0.58481	1.764E-01	1.17641	4.156E-03

TEST NO. 323

BUFFER COUNT 5

PAGE NO. 17

RECORD NO.	ELAPSED TIME	PRESSURE TENR.	PRESSURE SPEC.	TEMPERATURE DEG.F NO.1	TEMPERATURE DEG.F NO.2	TEMPERATURE DEG.F NO.3	DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
881	440.00	416.1	398.9	1578.0	1584.0	1584.6	0.301	3.8	0.50562	1.602E-02	1.17013	4.233E-03
882	440.50	415.6	399.3	1580.0	1587.6	1587.8	0.301	3.7	0.50598	1.675E-02	1.17010	4.273E-03
883	441.00	416.1	399.1	1589.4	1591.8	1592.4	0.303	3.5	0.50635	1.750E-02	1.17016	4.253E-03
884	441.50	415.6	399.0	1589.0	1596.0	1595.8	0.307	3.3	0.50670	1.820E-02	1.17031	4.386E-03
885	442.00	416.1	399.3	1593.6	1601.0	1599.8	0.299	3.8	0.50715	1.911E-02	1.17035	4.419E-03
886	442.50	416.1	399.3	1598.2	1604.4	1604.4	0.304	3.7	0.50772	2.025E-02	1.17062	4.653E-03
887	443.00	415.8	399.0	1603.0	1610.0	1608.0	0.304	3.6	0.50805	2.091E-02	1.17058	4.619E-03
888	443.50	415.8	398.9	1609.2	1612.4	1611.2	0.301	3.9	0.50872	2.227E-02	1.17063	4.659E-03
889	444.00	415.4	398.9	1611.8	1615.8	1615.6	0.304	3.9	0.50860	2.203E-02	1.17069	4.712E-03
890	444.50	416.0	399.1	1613.4	1620.2	1619.6	0.301	3.9	0.50983	2.449E-02	1.17070	4.786E-03
891	445.00	415.6	398.8	1618.6	1624.2	1623.4	0.303	3.7	0.50993	2.469E-02	1.17088	4.872E-03
892	445.50	416.1	398.8	1624.2	1627.2	1628.0	0.295	4.3	0.51118	2.722E-02	1.17089	4.879E-03
893	446.00	416.0	398.7	1629.6	1633.0	1632.2	0.301	3.7	0.51209	2.903E-02	1.17107	5.039E-03
894	446.50	415.4	398.6	1632.0	1637.2	1637.0	0.301	3.8	0.51294	3.075E-02	1.17131	5.239E-03
895	447.00	415.8	399.1	1640.0	1643.2	1642.4	0.301	3.8	0.51380	3.247E-02	1.17131	5.239E-03
896	447.50	415.8	399.0	1642.4	1648.0	1647.2	0.300	4.1	0.51496	3.480E-02	1.17159	5.479E-03
897	448.00	415.6	398.8	1651.0	1652.8	1652.4	0.301	4.1	0.51615	3.719E-02	1.17164	5.526E-03
898	448.50	416.3	398.7	1655.0	1658.0	1657.4	0.300	4.2	0.51745	3.981E-02	1.17170	5.646E-03
899	449.00	415.4	398.6	1663.0	1663.2	1662.2	0.303	4.1	0.51878	4.248E-02	1.17193	5.772E-03
900	449.50	416.0	398.8	1669.2	1668.0	1667.2	0.299	4.4	0.52020	4.534E-02	1.17199	5.826E-03
901	450.00	414.6	398.4	1673.2	1674.0	1673.0	0.302	4.2	0.52177	4.848E-02	1.17211	5.932E-03
902	450.50	415.8	398.6	1680.2	1680.4	1678.2	0.301	4.6	0.52359	5.214E-02	1.17231	6.099E-03
903	451.00	416.0	398.8	1679.6	1685.2	1684.6	0.307	4.3	0.52540	5.577E-02	1.17255	6.306E-03
904	451.50	415.4	398.6	1685.6	1692.6	1691.0	0.305	4.5	0.52739	5.979E-02	1.17281	6.532E-03
905	452.00	415.2	398.1	1695.4	1699.0	1698.4	0.302	4.6	0.52968	6.439E-02	1.17281	6.532E-03
906	452.50	415.0	398.3	1703.0	1705.0	1704.4	0.302	4.5	0.53220	6.945E-02	1.17296	6.659E-03
907	453.00	413.4	396.7	1708.0	1712.4	1711.4	0.301	4.6	0.53622	7.752E-02	1.17034	4.406E-03
908	453.50	379.1	366.5	1674.6	1702.4	1695.2	0.303	4.1	-9.99900	-9.999E+03	1.16343	-1.523E-03
909	454.00	382.7	369.2	1644.6	1673.2	1679.4	0.301	4.0	-9.99900	-9.999E+03	1.16363	-1.100E-03
910	454.50	384.7	370.5	1621.8	1652.2	1665.6	0.303	5.1	-9.99900	-9.999E+03	1.16490	-2.600E-04
911	455.00	384.7	371.8	1610.4	1645.8	1663.2	0.310	5.9	-9.99900	-9.999E+03	1.16502	-1.600E-04
912	455.50	8.7	487.4	1634.0	1656.2	1675.0	0.308	5.7	-9.99900	-9.999E+03	1.16553	2.799E-04
913	456.00	8.2	410.9	1675.0	1692.8	1704.0	0.302	5.7	0.53554	7.615E-02	1.16653	1.148E-03
914	456.50	8.0	412.4	1704.4	1721.6	1728.4	0.296	4.8	0.53689	7.727E-02	1.16707	1.600E-03
915	457.00	8.2	413.6	1726.0	1739.0	1744.8	0.292	4.6	0.53616	7.740E-02	1.16771	2.153E-03
916	457.50	8.2	414.8	1730.0	1751.6	1757.2	0.297	3.9	0.53624	7.756E-02	1.16811	2.493E-03
917	458.00	8.2	415.3	1747.2	1760.0	1765.6	0.294	4.5	0.53620	7.765E-02	1.16824	2.606E-03
918	458.50	8.2	415.6	1758.0	1768.2	1774.0	0.298	4.4	0.53655	7.818E-02	1.16867	2.979E-03
919	459.00	8.0	415.7	1762.4	1774.4	1780.0	0.295	2.7	0.53660	7.829E-02	1.16905	3.299E-03
920	459.50	7.0	416.3	1740.6	1754.4	1761.6	0.288	8.0	0.53653	7.814E-02	1.16879	3.079E-03
921	460.00	6.8	416.7	1699.0	1715.2	1723.0	0.296	8.1	0.53650	7.808E-02	1.16853	2.860E-03
922	460.50	7.4	417.2	1655.6	1673.4	1680.8	0.301	8.0	0.53642	7.792E-02	1.16824	2.606E-03
923	461.00	6.4	417.1	1620.0	1639.0	1647.2	0.307	8.0	0.53620	7.763E-02	1.16825	2.610E-03

904	451.50	372.1	197.4	0.0	1540.6	1632.2	-0.367	2.6	0.50397	1.327E-02	1.18516	7.168E-03
905	452.00	371.3	197.0	0.0	1545.6	1636.8	-0.362	2.4	0.50429	1.391E-02	1.18533	7.313E-03
906	452.50	371.9	197.5	0.0	1600.0	1641.8	-0.362	2.6	0.50446	1.426E-02	1.18551	7.465E-03
907	453.00	371.7	197.2	0.0	1609.0	1645.8	-0.362	2.8	0.50470	1.474E-02	1.18559	7.531E-03
908	453.50	371.9	197.6	0.0	1608.2	1651.0	-0.362	2.6	0.50508	1.550E-02	1.18584	7.742E-03
909	454.00	371.9	197.2	0.0	1612.2	1655.2	-0.359	2.8	0.50529	1.592E-02	1.18596	7.848E-03
910	454.50	372.1	197.1	0.0	1615.6	1659.8	-0.362	2.9	0.50563	1.661E-02	1.18603	7.907E-03
911	455.00	371.7	197.2	0.0	1620.6	1664.2	-0.360	3.2	0.50595	1.726E-02	1.18617	8.026E-03
912	455.50	371.5	197.1	0.0	1626.2	1670.2	-0.361	3.3	0.50643	1.822E-02	1.18649	8.263E-03
913	456.00	370.3	197.3	0.0	1630.4	1675.6	-0.362	2.9	0.50983	2.505E-02	1.18679	8.547E-03
914	456.50	371.7	197.0	0.0	1634.4	1680.6	-0.359	3.0	0.50720	1.977E-02	1.18684	8.593E-03
915	457.00	371.3	197.2	0.0	1638.4	1685.6	-0.359	3.2	0.50758	2.053E-02	1.18702	8.745E-03
916	457.50	371.7	197.4	0.0	1643.6	1690.2	-0.362	3.2	0.50794	2.125E-02	1.18720	8.904E-03
917	458.00	372.1	196.6	0.0	1648.2	1696.8	-0.361	2.6	0.50842	2.221E-02	1.18729	8.943E-03
918	458.50	371.1	197.3	0.0	1652.8	1703.4	-0.360	2.9	0.50879	2.296E-02	1.18755	9.194E-03
919	459.00	372.1	196.4	0.0	1657.4	1709.0	-0.363	3.6	0.50934	2.406E-02	1.18790	9.491E-03
920	459.50	371.5	196.7	0.0	1661.6	1714.6	-0.363	3.6	0.50971	2.481E-02	1.18819	9.742E-03
921	460.00	371.3	197.2	0.0	1664.2	1720.6	-0.359	3.8	0.51019	2.577E-02	1.18833	9.861E-03
922	460.50	370.7	196.8	0.0	1663.0	1727.4	-0.364	3.1	0.51063	2.671E-02	1.18857	1.007E-02
923	461.00	371.9	197.0	0.0	1664.6	1734.8	-0.359	2.6	0.51106	2.753E-02	1.18882	1.028E-02
924	461.50	370.3	196.8	0.0	1668.6	1743.6	-0.360	3.4	0.51149	2.831E-02	1.18925	1.064E-02
925	462.00	371.7	196.8	0.0	1674.4	1753.6	-0.363	3.2	0.51198	2.937E-02	1.18781	9.415E-03
926	462.50	370.7	197.0	0.0	1684.0	1763.6	-0.358	3.3	0.51231	3.005E-02	1.18788	9.478E-03
927	463.00	370.9	197.0	0.0	1691.0	1774.2	-0.359	3.2	0.51277	3.096E-02	1.18807	9.643E-03
928	463.50	372.3	196.9	0.0	1698.4	1781.6	-0.359	3.3	0.51337	3.217E-02	1.18884	1.030E-02
929	464.00	371.7	196.4	0.0	1702.8	1788.2	-0.365	3.4	0.51412	3.367E-02	1.19043	1.164E-02
930	464.50	371.5	196.7	0.0	1710.8	1795.0	-0.354	3.0	0.51687	3.921E-02	-9.99900	-9.999E+03
931	465.00	371.1	196.8	0.0	1716.0	1801.8	-0.355	2.9	0.51994	4.838E-02	-9.99900	-9.999E+03
932	465.50	370.9	197.0	0.0	1719.2	1808.8	-0.363	3.7	0.52322	5.197E-02	-9.99900	-9.999E+03
933	466.00	371.1	197.0	0.0	1721.8	1815.8	-0.364	2.9	0.52681	5.758E-02	-9.99900	-9.999E+03
934	466.50	371.1	196.9	0.0	1726.6	1824.8	-0.359	3.6	0.52903	6.365E-02	-9.99900	-9.999E+03
935	467.00	371.1	196.2	0.0	1730.8	1835.4	-0.355	3.3	0.53416	7.396E-02	-9.99900	-9.999E+03

TEST NO. 430

BUFFER COUNT# 5

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RECORD NO.	ELAPSED TIME	PRESSURE TEMP.	PRESSURE SPEC.	TEMPERATURE DEG.F NO.1	TEMPERATURE DEG.F NO.2	TEMPERATURE DEG.F NO.3	DISPLACEMENT	LOAD	AVERAGE DIA. IN.	DIAMETRAL STRAIN	AVERAGE LENGTH IN.	LENGTH STRAIN
936	467.50	369.3	196.6	0.0	1734.0	1849.0	-0.359	3.8	0.54266	9.106E-02	1.18821	9.755E-03
937	468.00	371.1	196.7	0.0	1740.2	1866.6	-0.357	2.3	0.55449	1.148E-01	1.18476	6.825E-03
938	468.50	370.9	197.3	0.0	1751.4	1894.6	-0.358	3.0	0.57291	1.519E-01	1.18299	5.320E-03
939	469.00	370.5	196.9	0.0	1772.2	1952.8	-0.359	2.7	-9.99900	-9.999E+03	1.18069	3.366E-03
940	469.50	352.6	188.4	0.0	1409.2	1540.6	-0.357	1.8	-9.99900	-9.999E+03	1.1738	-2.442E-03
941	470.00	340.6	181.4	0.0	1131.8	1152.2	-0.346	2.9	-9.99900	-9.999E+03	1.1853	7.353E-03

Below are five index cards that allow for filing according to the four cross-references in addition to the title of the report. A brief abstract describing the major subject area covered in the report is included on each card. For information regarding index card subscriptions to past and future EPRI publications contact the Research Reports Center, P.O. Box 50490, Palo Alto, California 94303. Telephone (415) 965-4081.

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EPRI NP-526
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RP251-1
Final Report
May 1980

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Contractor: Battelle, Pacific Northwest Laboratories

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EPRI Project Manager: J. T. A. Roberts

Cross-references:

1. EPRI NP-526, Volume 4, Part 2
2. RP251-1
3. Fuels, Waste and Environment Program
4. Zircalloys

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FUELS, WASTE AND ENVIRONMENT PROGRAM

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