LA-2299
PHYSICS AND MATHEMATICS
(TID-4500, 14th Ed.)

LOS ALAMOS SCIENTIFIC LABORATORY
OF THE UNIVERSITY OF CALIFORNIA LOS ALAMOS NEW MEXICO

REPORT WRITTEN: February 1959

REPORT DISTRIBUTED: June 10, 1959

X-RAY CRYSTALLOGRAPHIC INTENSITY FUNCTIONS

Work done by:

Dorothy L. Cooper
Thomas L. Jordan, Jr.
Charles P. Kempter

Report written by:

Charles P. Kempter

This report expresses the opinions of the author or
authors and does not necessarily reflect the opinions
or views of the Los Alamos Scientific Laboratory.

Contract W-7405-ENG. 36 with the U. S. Atomic Energy Commission

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency Thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

ABSTRACT

Several functions used in the calculation of X-ray crystallographic intensities are tabulated over large ranges. These tabulations are:

1. Lorentz-polarization factors as a function of Bragg angle
2. The Debye function as a function of Θ/T
3. The Debye-Waller temperature factor as a function of B
for selected $\sin \theta/\lambda$ values.

1

TABLE OF CONTENTS

	Page
Abstract	3
Introduction	7
References	11
Lorentz-Polarization Factors as a Function of Bragg Angle (0.01° intervals)	12
The Debye Function as a Function of Θ/T	98
Θ/T Range 0 to 5.99 (0.01 intervals)	98
Θ/T Range 0.10 to 20.00 (0.10 intervals)	101
The Debye-Waller Temperature Factor as a Function of B for Selected $\sin \theta/\lambda$ Values (0.1 intervals)	102

INTRODUCTION

In X-ray diffraction studies, the relative intensities are often calculated on the basis of an assumed probable structure and compared with the observed "integrated intensities."

The relative intensity may be expressed as follows:

$$I = j L p F^2 A(\theta)$$

where j = the multiplicity factor = an integer

L = the Lorentz factor

p = the polarization factor

θ = the Bragg angle

F = the structure factor

$$= \sum_N f_N e^{2\pi i(hx_N + ky_N + lz_N)}$$

where the x_N , y_N , z_N are the coordinates of the N th atom in the unit cell expressed as fractions of the lattice parameters.

$A(\theta)$ = the absorption factor

The references listed in this report discuss these factors in detail.

For powder-diffraction techniques, the multiplicity is a function of the crystal symmetry (32 selections) and the Miller indices (h, k, ℓ). The listed references have tabulations of these integers and discuss multiplicities encountered in other techniques. The Lorentz factor is a function of the X-ray method and the Bragg angle, whereas the polarization factor is a function of only the Bragg angle. Except for the case of crystal-monochromatized X-radiation, $p = (1 + \cos^2 2\theta)/2$. The listed references have brief tabulations of the combined factor (the Lorentz-polarization factor) as a function of Bragg angle from 0.0° to $90.0^\circ \theta$. The Bragg-angle interval varies from 0.5° to $2.5^\circ \theta$.

For the powder method, the Lorentz-polarization factor has the form

$$L_p = \left(\frac{1 + \cos^2 2\theta}{\sin^2 \theta \cos \theta} \right)$$

which we shall designate as L-P I.

For the various oscillating and rotating single-crystal methods, the form is

$$L_p = \left(\frac{1 + \cos^2 2\theta}{\sin 2\theta} \right)$$

which we shall designate as L-P II.

For the polychromatic Laue method ($j = 1$), the form is

$$L_p = \left(\frac{1 + \cos^2 2\theta}{\sin^2 \theta} \right)$$

which we shall designate as L-P III.

L-P I and L-P II are equal to infinity at 0° and $90^\circ \theta$.

L-P II is a symmetrical function, reaching a minimum value of unity at $45^\circ \theta$. L-P III is equal to infinity at $0^\circ \theta$.

The structure factor is a function of the atomic positions, the temperature-corrected atomic and/or ionic scattering factor(s), and the Miller indices. The listed references have tabulations of these scattering factors at 0°K up to atomic number 92 and 100, **respectively**, as a function of $\sin \theta/\lambda$, where λ is the wave length. The scattering factors at absolute zero are corrected to the temperature of the observation by the equation

$$f = f_0 e^{-M}$$

where $M = (B \sin^2 \theta / \lambda^2)$

in which $B = \frac{6h^2}{m_a k \Theta} \left[\frac{\phi(x)}{x} + \frac{1}{4} \right]$

and m_a = atomic mass, h = Planck's constant, k = Boltzmann's constant, and $x = \Theta/T$, the Debye characteristic temperature divided by the observation temperature, both in $^\circ\text{K}$. The term $\phi(x)$ is a Debye function (Debye integral expression) expressed as follows

$$\phi(x) = \frac{1}{x} \int_0^x \frac{\xi^3 d\xi}{e^\xi - 1}$$

where $\xi = h\nu/kT$ and ν is the frequency of atomic vibration. The listed references have brief tabulations of the Debye function vs. x and of the Debye-Waller factor e^{-M} vs. B for selected values of $\sin \theta/\lambda$. The Debye-function table of Klug and Alexander¹ contains 5 minor errors in the 24 entries.

The absorption factor for cylindrical specimens* is a function of the linear absorption coefficient (μ), the cylinder radius (r), and the Bragg angle (θ). The listed references have tabulations of $A(\theta)$ vs. μr for selected θ values. In the case of the X-ray diffractometer, $A(\theta)$ is independent of the Bragg angle.

Since the brevity of all published tables for Lorentz-polarization factors, Debye functions, and Debye-Waller factors limits their usefulness, it was decided to tabulate these functions in detail. The first set of tables lists L-P I and L-P II as a function of Bragg angle from 3.00° to 88.99° θ in 0.01° intervals. The values of L-P III may be readily obtained by multiplying the L-P I values by $\cos \theta$. The second set of tables lists $\phi(x)$ vs. x for the x ranges 0 to 5.99 (0.01 intervals) and 0.10 to 20.00 (0.10 intervals). The third set of tables lists e^{-M} vs. B (0.01×10^{-16} intervals) from 0 to 2.00×10^{-16} for 12 selected $\sin \theta/\lambda$ values (0.1 intervals), where λ is in Angstrom units. All these tables were printed out on an IBM 704 computer.

*For a discussion of the absorption correction for cylindrical single crystals, see M. J. Buerger and N. Niizeki, Am. Mineralogist, 43, 726 (1958).

REFERENCES

1. H. P. Klug and L. E. Alexander, "X-Ray Diffraction Procedures," John Wiley & Sons, Inc., New York, 1954.
2. H. S. Peiser, H. P. Rooksby, and A. J. C. Wilson, "X-Ray Diffraction by Polycrystalline Materials," The Institute of Physics, London, 1955.

LORENTZ-POLARIZATION FACTORS

THETA	L-P I	L-P II	THETA	L-P I	L-P II
3.00	727.1873	19.0290	3.50	533.6460	16.2892
3.01	722.3482	18.9653	3.51	530.5965	16.2423
3.02	717.5570	18.9021	3.52	527.5729	16.1957
3.03	712.8132	18.8392	3.53	524.5749	16.1493
3.04	708.1161	18.7768	3.54	521.6024	16.1033
3.05	703.4652	18.7148	3.55	518.6549	16.0574
3.06	698.8598	18.6532	3.56	515.7322	16.0119
3.07	694.2993	18.5919	3.57	512.8341	15.9666
3.08	689.7832	18.5311	3.58	509.9602	15.9215
3.09	685.3108	18.4707	3.59	507.1103	15.8767
3.10	680.8816	18.4106	3.60	504.2842	15.8321
3.11	676.4952	18.3510	3.61	501.4814	15.7878
3.12	672.1508	18.2917	3.62	498.7019	15.7437
3.13	667.8479	18.2328	3.63	495.9453	15.6999
3.14	663.5862	18.1743	3.64	493.2114	15.6563
3.15	659.3650	18.1161	3.65	490.4999	15.6130
3.16	655.1837	18.0583	3.66	487.8107	15.5698
3.17	651.0420	18.0009	3.67	485.1433	15.5270
3.18	646.9393	17.9438	3.68	482.4977	15.4843
3.19	642.8751	17.8871	3.69	479.8736	15.4419
3.20	638.8490	17.8308	3.70	477.2707	15.3997
3.21	634.8604	17.7747	3.71	474.6889	15.3577
3.22	630.9090	17.7191	3.72	472.1278	15.3160
3.23	626.9941	17.6638	3.73	469.5873	15.2745
3.24	623.1155	17.6088	3.74	467.0672	15.2332
3.25	619.2726	17.5541	3.75	464.5672	15.1921
3.26	615.4650	17.4998	3.76	462.0871	15.1512
3.27	611.6924	17.4459	3.77	459.6268	15.1106
3.28	607.9541	17.3922	3.78	457.1859	15.0701
3.29	604.2499	17.3389	3.79	454.7643	15.0299
3.30	600.5794	17.2859	3.80	452.3618	14.9899
3.31	596.9420	17.2332	3.81	449.9783	14.9501
3.32	593.3374	17.1808	3.82	447.6134	14.9105
3.33	589.7653	17.1288	3.83	445.2670	14.8711
3.34	586.2253	17.0770	3.84	442.9389	14.8319
3.35	582.7168	17.0256	3.85	440.6289	14.7929
3.36	579.2397	16.9745	3.86	438.3369	14.7541
3.37	575.7935	16.9236	3.87	436.0626	14.7156
3.38	572.3778	16.8731	3.88	433.8059	14.6772
3.39	568.9923	16.8229	3.89	431.5665	14.6390
3.40	565.6366	16.7729	3.90	429.3444	14.6010
3.41	562.3104	16.7233	3.91	427.1393	14.5632
3.42	559.0133	16.6739	3.92	424.9510	14.5256
3.43	555.7451	16.6248	3.93	422.7795	14.4882
3.44	552.5053	16.5761	3.94	420.6244	14.4509
3.45	549.2936	16.5275	3.95	418.4857	14.4139
3.46	546.1097	16.4793	3.96	416.3632	14.3770
3.47	542.9533	16.4314	3.97	414.2567	14.3403
3.48	539.8241	16.3837	3.98	412.1660	14.3039
3.49	536.7218	16.3363	3.99	410.0911	14.2676

THETA	L-P I	L-P II	THETA	L-P I	L-P II
4.00	408.0317	14.2314	4.50	321.9124	12.6285
4.01	405.9876	14.1955	4.51	320.4762	12.6000
4.02	403.9589	14.1597	4.52	319.0496	12.5717
4.03	401.9452	14.1241	4.53	317.6324	12.5435
4.04	399.9464	14.0887	4.54	316.2246	12.5154
4.05	397.9625	14.0534	4.55	314.8260	12.4874
4.06	395.9931	14.0184	4.56	313.4367	12.4596
4.07	394.0383	13.9835	4.57	312.0564	12.4319
4.08	392.0978	13.9487	4.58	310.6852	12.4043
4.09	390.1716	13.9142	4.59	309.3229	12.3768
4.10	388.2594	13.8798	4.60	307.9695	12.3494
4.11	386.3611	13.8455	4.61	306.6249	12.3222
4.12	384.4767	13.8115	4.62	305.2891	12.2950
4.13	382.6059	13.7776	4.63	303.9618	12.2680
4.14	380.7487	13.7438	4.64	302.6432	12.2411
4.15	378.9049	13.7103	4.65	301.3330	12.2143
4.16	377.0744	13.6768	4.66	300.0313	12.1877
4.17	375.2570	13.6436	4.67	298.7379	12.1611
4.18	373.4527	13.6105	4.68	297.4528	12.1347
4.19	371.6612	13.5775	4.69	296.1760	12.1083
4.20	369.8826	13.5448	4.70	294.9072	12.0821
4.21	368.1166	13.5121	4.71	293.6466	12.0560
4.22	366.3631	13.4797	4.72	292.3939	12.0300
4.23	364.6221	13.4473	4.73	291.1492	12.0041
4.24	362.8933	13.4152	4.74	289.9123	11.9783
4.25	361.1768	13.3831	4.75	288.6833	11.9527
4.26	359.4723	13.3513	4.76	287.4620	11.9271
4.27	357.7798	13.3195	4.77	286.2483	11.9016
4.28	356.0991	13.2880	4.78	285.0423	11.8763
4.29	354.4303	13.2565	4.79	283.8438	11.8510
4.30	352.7730	13.2252	4.80	282.6528	11.8259
4.31	351.1272	13.1941	4.81	281.4693	11.8008
4.32	349.4928	13.1631	4.82	280.2931	11.7759
4.33	347.8698	13.1322	4.83	279.1241	11.7511
4.34	346.2580	13.1015	4.84	277.9625	11.7263
4.35	344.6573	13.0709	4.85	276.8080	11.7017
4.36	343.0676	13.0405	4.86	275.6606	11.6772
4.37	341.4887	13.0102	4.87	274.5203	11.6527
4.38	339.9207	12.9800	4.88	273.3870	11.6284
4.39	338.3634	12.9500	4.89	272.2606	11.6042
4.40	336.8167	12.9201	4.90	271.1411	11.5800
4.41	335.2805	12.8904	4.91	270.0285	11.5560
4.42	333.7547	12.8607	4.92	268.9226	11.5320
4.43	332.2393	12.8313	4.93	267.8235	11.5082
4.44	330.7340	12.8019	4.94	266.7310	11.4844
4.45	329.2389	12.7727	4.95	265.6451	11.4608
4.46	327.7539	12.7436	4.96	264.5658	11.4372
4.47	326.2788	12.7146	4.97	263.4931	11.4137
4.48	324.8136	12.6858	4.98	262.4267	11.3904
4.49	323.3581	12.6571	4.99	261.3668	11.3671

THETA	L-P I	L-P II	THETA	L-P I	L-P II
5.00	260.3132	11.3439	5.50	214.7384	10.2909
5.01	259.2660	11.3208	5.51	213.9514	10.2717
5.02	258.2249	11.2978	5.52	213.1686	10.2527
5.03	257.1901	11.2749	5.53	212.3901	10.2337
5.04	256.1615	11.2520	5.54	211.6159	10.2148
5.05	255.1389	11.2293	5.55	210.8458	10.1959
5.06	254.1224	11.2067	5.56	210.0798	10.1771
5.07	253.1120	11.1841	5.57	209.3180	10.1584
5.08	252.1074	11.1616	5.58	208.5603	10.1397
5.09	251.1088	11.1392	5.59	207.8066	10.1211
5.10	250.1161	11.1169	5.60	207.0570	10.1026
5.11	249.1292	11.0947	5.61	206.3113	10.0841
5.12	248.1480	11.0726	5.62	205.5697	10.0657
5.13	247.1726	11.0506	5.63	204.8320	10.0474
5.14	246.2029	11.0286	5.64	204.0982	10.0291
5.15	245.2388	11.0067	5.65	203.3683	10.0109
5.16	244.2804	10.9850	5.66	202.6423	9.9928
5.17	243.3275	10.9633	5.67	201.9201	9.9747
5.18	242.3801	10.9416	5.68	201.2017	9.9567
5.19	241.4381	10.9201	5.69	200.4872	9.9388
5.20	240.5016	10.8986	5.70	199.7763	9.9209
5.21	239.5705	10.8773	5.71	199.0692	9.9030
5.22	238.6448	10.8560	5.72	198.3658	9.8853
5.23	237.7243	10.8348	5.73	197.6661	9.8676
5.24	236.8091	10.8136	5.74	196.9701	9.8499
5.25	235.8991	10.7926	5.75	196.2777	9.8323
5.26	234.9944	10.7716	5.76	195.5888	9.8148
5.27	234.0947	10.7507	5.77	194.9036	9.7974
5.28	233.2002	10.7299	5.78	194.2219	9.7799
5.29	232.3107	10.7092	5.79	193.5437	9.7626
5.30	231.4263	10.6885	5.80	192.8691	9.7453
5.31	230.5469	10.6679	5.81	192.1979	9.7281
5.32	229.6724	10.6474	5.82	191.5302	9.7109
5.33	228.8028	10.6270	5.83	190.8659	9.6938
5.34	227.9382	10.6066	5.84	190.2051	9.6768
5.35	227.0783	10.5863	5.85	189.5476	9.6598
5.36	226.2233	10.5661	5.86	188.8935	9.6428
5.37	225.3730	10.5460	5.87	188.2427	9.6259
5.38	224.5275	10.5259	5.88	187.5952	9.6091
5.39	223.6867	10.5060	5.89	186.9510	9.5924
5.40	222.8506	10.4860	5.90	186.3102	9.5756
5.41	222.0190	10.4662	5.91	185.6725	9.5590
5.42	221.1921	10.4464	5.92	185.0381	9.5424
5.43	220.3698	10.4267	5.93	184.4069	9.5258
5.44	219.5520	10.4071	5.94	183.7789	9.5094
5.45	218.7386	10.3876	5.95	183.1540	9.4929
5.46	217.9298	10.3681	5.96	182.5323	9.4765
5.47	217.1254	10.3487	5.97	181.9137	9.4602
5.48	216.3253	10.3293	5.98	181.2983	9.4439
5.49	215.5297	10.3101	5.99	180.6859	9.4277

THETA	L-P I	L-P II	THETA	L-P I	L-P II
6.00	180.0765	9.4116	6.50	153.1030	8.6659
6.01	179.4702	9.3954	6.51	152.6260	8.6521
6.02	178.8669	9.3794	6.52	152.1513	8.6384
6.03	178.2666	9.3634	6.53	151.6787	8.6247
6.04	177.6693	9.3474	6.54	151.2083	8.6111
6.05	177.0750	9.3315	6.55	150.7401	8.5975
6.06	176.4836	9.3157	6.56	150.2740	8.5839
6.07	175.8951	9.2999	6.57	149.8100	8.5704
6.08	175.3095	9.2841	6.58	149.3482	8.5569
6.09	174.7268	9.2684	6.59	148.8884	8.5435
6.10	174.1470	9.2528	6.60	148.4307	8.5301
6.11	173.5700	9.2372	6.61	147.9751	8.5167
6.12	172.9958	9.2216	6.62	147.5216	8.5034
6.13	172.4245	9.2061	6.63	147.0701	8.4902
6.14	171.8559	9.1907	6.64	146.6207	8.4769
6.15	171.2901	9.1753	6.65	146.1733	8.4637
6.16	170.7271	9.1600	6.66	145.7279	8.4506
6.17	170.1668	9.1447	6.67	145.2845	8.4374
6.18	169.6092	9.1294	6.68	144.8431	8.4244
6.19	169.0543	9.1142	6.69	144.4037	8.4113
6.20	168.5021	9.0991	6.70	143.9662	8.3983
6.21	167.9526	9.0840	6.71	143.5307	8.3854
6.22	167.4057	9.0689	6.72	143.0971	8.3724
6.23	166.8614	9.0539	6.73	142.6655	8.3595
6.24	166.3198	9.0389	6.74	142.2358	8.3467
6.25	165.7808	9.0240	6.75	141.8080	8.3339
6.26	165.2443	9.0091	6.76	141.3821	8.3211
6.27	164.7104	8.9943	6.77	140.9581	8.3084
6.28	164.1791	8.9796	6.78	140.5360	8.2957
6.29	163.6503	8.9648	6.79	140.1157	8.2830
6.30	163.1240	8.9501	6.80	139.6973	8.2704
6.31	162.6002	8.9355	6.81	139.2807	8.2578
6.32	162.0789	8.9209	6.82	138.8659	8.2452
6.33	161.5600	8.9064	6.83	138.4530	8.2327
6.34	161.0436	8.8919	6.84	138.0419	8.2202
6.35	160.5297	8.8774	6.85	137.6326	8.2077
6.36	160.0182	8.8630	6.86	137.2251	8.1953
6.37	159.5091	8.8487	6.87	136.8193	8.1830
6.38	159.0023	8.8343	6.88	136.4153	8.1706
6.39	158.4980	8.8201	6.89	136.0131	8.1583
6.40	157.9960	8.8058	6.90	135.6126	8.1460
6.41	157.4964	8.7916	6.91	135.2139	8.1338
6.42	156.9991	8.7775	6.92	134.8169	8.1216
6.43	156.5041	8.7634	6.93	134.4216	8.1094
6.44	156.0114	8.7493	6.94	134.0280	8.0973
6.45	155.5210	8.7353	6.95	133.6362	8.0852
6.46	155.0329	8.7213	6.96	133.2460	8.0731
6.47	154.5471	8.7074	6.97	132.8575	8.0611
6.48	154.0635	8.6935	6.98	132.4706	8.0491
6.49	153.5821	8.6797	6.99	132.0854	8.0371

THETA	L-P I	L-P II	THETA	L-P I	L-P II
7.00	131.7019	8.0252	7.50	114.4382	7.4686
7.01	131.3200	8.0133	7.51	114.1277	7.4582
7.02	130.9397	8.0015	7.52	113.8184	7.4478
7.03	130.5611	7.9896	7.53	113.5104	7.4375
7.04	130.1841	7.9778	7.54	113.2036	7.4272
7.05	129.8087	7.9661	7.55	112.8980	7.4169
7.06	129.4348	7.9543	7.56	112.5936	7.4067
7.07	129.0626	7.9426	7.57	112.2904	7.3964
7.08	128.6919	7.9310	7.58	111.9885	7.3862
7.09	128.3228	7.9193	7.59	111.6877	7.3760
7.10	127.9553	7.9077	7.60	111.3881	7.3659
7.11	127.5893	7.8962	7.61	111.0897	7.3558
7.12	127.2249	7.8846	7.62	110.7924	7.3457
7.13	126.8619	7.8731	7.63	110.4964	7.3356
7.14	126.5006	7.8616	7.64	110.2015	7.3256
7.15	126.1407	7.8502	7.65	109.9077	7.3155
7.16	125.7823	7.8388	7.66	109.6151	7.3055
7.17	125.4255	7.8274	7.67	109.3237	7.2956
7.18	125.0701	7.8161	7.68	109.0334	7.2856
7.19	124.7162	7.8047	7.69	108.7442	7.2757
7.20	124.3638	7.7935	7.70	108.4561	7.2658
7.21	124.0128	7.7822	7.71	108.1692	7.2559
7.22	123.6633	7.7710	7.72	107.8834	7.2461
7.23	123.3153	7.7598	7.73	107.5987	7.2363
7.24	122.9687	7.7486	7.74	107.3151	7.2265
7.25	122.6235	7.7375	7.75	107.0325	7.2167
7.26	122.2798	7.7264	7.76	106.7511	7.2070
7.27	121.9375	7.7153	7.77	106.4708	7.1973
7.28	121.5965	7.7043	7.78	106.1916	7.1876
7.29	121.2570	7.6932	7.79	105.9134	7.1779
7.30	120.9189	7.6823	7.80	105.6363	7.1682
7.31	120.5822	7.6713	7.81	105.3602	7.1586
7.32	120.2468	7.6604	7.82	105.0853	7.1490
7.33	119.9129	7.6495	7.83	104.8113	7.1394
7.34	119.5803	7.6386	7.84	104.5385	7.1299
7.35	119.2490	7.6278	7.85	104.2666	7.1204
7.36	118.9191	7.6170	7.86	103.9958	7.1109
7.37	118.5905	7.6062	7.87	103.7260	7.1014
7.38	118.2633	7.5954	7.88	103.4573	7.0919
7.39	117.9374	7.5847	7.89	103.1896	7.0825
7.40	117.6128	7.5740	7.90	102.9229	7.0731
7.41	117.2896	7.5633	7.91	102.6572	7.0637
7.42	116.9676	7.5527	7.92	102.3925	7.0543
7.43	116.6470	7.5421	7.93	102.1288	7.0450
7.44	116.3276	7.5315	7.94	101.8662	7.0357
7.45	116.0095	7.5210	7.95	101.6045	7.0264
7.46	115.6927	7.5104	7.96	101.3438	7.0171
7.47	115.3772	7.4999	7.97	101.0840	7.0079
7.48	115.0629	7.4895	7.98	100.8253	6.9987
7.49	114.7499	7.4790	7.99	100.5675	6.9895

THETA	L-P I	L-P II	THETA	L-P I	L-P II
8.00	100.3107	6.9803	8.50	88.6038	6.5482
8.01	100.0549	6.9711	8.51	88.3905	6.5401
8.02	99.8000	6.9620	8.52	88.1780	6.5320
8.03	99.5460	6.9529	8.53	87.9662	6.5239
8.04	99.2930	6.9438	8.54	87.7551	6.5158
8.05	99.0410	6.9347	8.55	87.5448	6.5077
8.06	98.7899	6.9257	8.56	87.3352	6.4997
8.07	98.5397	6.9166	8.57	87.1264	6.4917
8.08	98.2905	6.9076	8.58	86.9183	6.4837
8.09	98.0421	6.8987	8.59	86.7109	6.4757
8.10	97.7947	6.8897	8.60	86.5043	6.4677
8.11	97.5482	6.8808	8.61	86.2983	6.4598
8.12	97.3027	6.8718	8.62	86.0931	6.4518
8.13	97.0580	6.8629	8.63	85.8886	6.4439
8.14	96.8142	6.8541	8.64	85.6848	6.4360
8.15	96.5713	6.8452	8.65	85.4817	6.4281
8.16	96.3294	6.8364	8.66	85.2793	6.4203
8.17	96.0883	6.8276	8.67	85.0776	6.4124
8.18	95.8481	6.8188	8.68	84.8767	6.4046
8.19	95.6088	6.8100	8.69	84.6764	6.3968
8.20	95.3703	6.8013	8.70	84.4768	6.3890
8.21	95.1327	6.7926	8.71	84.2778	6.3812
8.22	94.8960	6.7839	8.72	84.0796	6.3735
8.23	94.6602	6.7752	8.73	83.8821	6.3657
8.24	94.4252	6.7665	8.74	83.6852	6.3580
8.25	94.1910	6.7579	8.75	83.4890	6.3503
8.26	93.9578	6.7492	8.76	83.2935	6.3426
8.27	93.7255	6.7406	8.77	83.0986	6.3350
8.28	93.4937	6.7321	8.78	82.9044	6.3273
8.29	93.2630	6.7235	8.79	82.7109	6.3197
8.30	93.0331	6.7149	8.80	82.5181	6.3120
8.31	92.8040	6.7064	8.81	82.3259	6.3044
8.32	92.5757	6.6979	8.82	82.1343	6.2969
8.33	92.3483	6.6894	8.83	81.9434	6.2893
8.34	92.1216	6.6810	8.84	81.7532	6.2817
8.35	91.8958	6.6725	8.85	81.5635	6.2742
8.36	91.6708	6.6641	8.86	81.3746	6.2667
8.37	91.4466	6.6557	8.87	81.1863	6.2592
8.38	91.2232	6.6473	8.88	80.9986	6.2517
8.39	91.0006	6.6390	8.89	80.8115	6.2442
8.40	90.7788	6.6306	8.90	80.6251	6.2368
8.41	90.5578	6.6223	8.91	80.4393	6.2293
8.42	90.3376	6.6140	8.92	80.2541	6.2219
8.43	90.1182	6.6057	8.93	80.0696	6.2145
8.44	89.8995	6.5974	8.94	79.8856	6.2071
8.45	89.6817	6.5892	8.95	79.7023	6.1997
8.46	89.4646	6.5810	8.96	79.5196	6.1924
8.47	89.2482	6.5728	8.97	79.3375	6.1850
8.48	89.0327	6.5646	8.98	79.1561	6.1777
8.49	88.8178	6.5564	8.99	78.9752	6.1704

THETA	L-P I	L-P II	THETA	L-P I	L-P II
9.00	78.7949	6.1631	9.50	70.4953	5.8175
9.01	78.6153	6.1558	9.51	70.3426	5.8110
9.02	78.4362	6.1486	9.52	70.1903	5.8045
9.03	78.2577	6.1413	9.53	70.0385	5.7979
9.04	78.0798	6.1341	9.54	69.8872	5.7914
9.05	77.9025	6.1269	9.55	69.7364	5.7849
9.06	77.7258	6.1197	9.56	69.5860	5.7784
9.07	77.5497	6.1125	9.57	69.4361	5.7720
9.08	77.3742	6.1053	9.58	69.2867	5.7655
9.09	77.1992	6.0982	9.59	69.1378	5.7591
9.10	77.0248	6.0910	9.60	68.9893	5.7526
9.11	76.8510	6.0839	9.61	68.8413	5.7462
9.12	76.6778	6.0768	9.62	68.6937	5.7398
9.13	76.5051	6.0697	9.63	68.5466	5.7334
9.14	76.3330	6.0627	9.64	68.4000	5.7270
9.15	76.1615	6.0556	9.65	68.2538	5.7207
9.16	75.9905	6.0485	9.66	68.1081	5.7143
9.17	75.8201	6.0415	9.67	67.9628	5.7080
9.18	75.6503	6.0345	9.68	67.8180	5.7016
9.19	75.4810	6.0275	9.69	67.6736	5.6953
9.20	75.3122	6.0205	9.70	67.5297	5.6890
9.21	75.1440	6.0135	9.71	67.3862	5.6827
9.22	74.9764	6.0066	9.72	67.2431	5.6764
9.23	74.8093	5.9996	9.73	67.1005	5.6702
9.24	74.6427	5.9927	9.74	66.9584	5.6639
9.25	74.4767	5.9858	9.75	66.8167	5.6577
9.26	74.3112	5.9789	9.76	66.6754	5.6515
9.27	74.1463	5.9720	9.77	66.5345	5.6452
9.28	73.9819	5.9651	9.78	66.3941	5.6390
9.29	73.8180	5.9583	9.79	66.2541	5.6328
9.30	73.6546	5.9514	9.80	66.1146	5.6267
9.31	73.4918	5.9446	9.81	65.9754	5.6205
9.32	73.3295	5.9378	9.82	65.8367	5.6143
9.33	73.1677	5.9310	9.83	65.6984	5.6082
9.34	73.0065	5.9242	9.84	65.5606	5.6021
9.35	72.8457	5.9174	9.85	65.4231	5.5959
9.36	72.6855	5.9107	9.86	65.2861	5.5898
9.37	72.5258	5.9039	9.87	65.1495	5.5837
9.38	72.3666	5.8972	9.88	65.0133	5.5777
9.39	72.2079	5.8905	9.89	64.8776	5.5716
9.40	72.0497	5.8838	9.90	64.7422	5.5655
9.41	71.8920	5.8771	9.91	64.6072	5.5595
9.42	71.7349	5.8704	9.92	64.4727	5.5535
9.43	71.5782	5.8638	9.93	64.3386	5.5474
9.44	71.4220	5.8571	9.94	64.2048	5.5414
9.45	71.2663	5.8505	9.95	64.0715	5.5354
9.46	71.1112	5.8439	9.96	63.9386	5.5294
9.47	70.9565	5.8373	9.97	63.8061	5.5235
9.48	70.8023	5.8307	9.98	63.6739	5.5175
9.49	70.6485	5.8241	9.99	63.5422	5.5115

THETA	L-P I	L-P II	THETA	L-P I	L-P II
10.00	63.4109	5.5056	10.50	57.3158	5.2225
10.01	63.2799	5.4997	10.51	57.2027	5.2171
10.02	63.1494	5.4937	10.52	57.0900	5.2117
10.03	63.0192	5.4878	10.53	56.9775	5.2063
10.04	62.8895	5.4819	10.54	56.8654	5.2010
10.05	62.7601	5.4761	10.55	56.7536	5.1956
10.06	62.6311	5.4702	10.56	56.6421	5.1903
10.07	62.5025	5.4643	10.57	56.5310	5.1849
10.08	62.3743	5.4585	10.58	56.4201	5.1796
10.09	62.2464	5.4526	10.59	56.3096	5.1743
10.10	62.1190	5.4468	10.60	56.1994	5.1690
10.11	61.9919	5.4410	10.61	56.0895	5.1637
10.12	61.8652	5.4352	10.62	55.9799	5.1584
10.13	61.7388	5.4294	10.63	55.8706	5.1531
10.14	61.6129	5.4236	10.64	55.7616	5.1478
10.15	61.4873	5.4178	10.65	55.6529	5.1426
10.16	61.3621	5.4121	10.66	55.5446	5.1373
10.17	61.2372	5.4063	10.67	55.4365	5.1321
10.18	61.1128	5.4006	10.68	55.3287	5.1269
10.19	60.9887	5.3948	10.69	55.2213	5.1216
10.20	60.8649	5.3891	10.70	55.1141	5.1164
10.21	60.7415	5.3834	10.71	55.0073	5.1112
10.22	60.6185	5.3777	10.72	54.9007	5.1060
10.23	60.4959	5.3720	10.73	54.7945	5.1008
10.24	60.3736	5.3664	10.74	54.6885	5.0957
10.25	60.2517	5.3607	10.75	54.5829	5.0905
10.26	60.1301	5.3550	10.76	54.4775	5.0854
10.27	60.0089	5.3494	10.77	54.3724	5.0802
10.28	59.8880	5.3438	10.78	54.2677	5.0751
10.29	59.7675	5.3381	10.79	54.1632	5.0699
10.30	59.6473	5.3325	10.80	54.0590	5.0648
10.31	59.5275	5.3269	10.81	53.9551	5.0597
10.32	59.4080	5.3213	10.82	53.8515	5.0546
10.33	59.2889	5.3158	10.83	53.7481	5.0495
10.34	59.1701	5.3102	10.84	53.6451	5.0444
10.35	59.0517	5.3046	10.85	53.5423	5.0394
10.36	58.9336	5.2991	10.86	53.4399	5.0343
10.37	58.8159	5.2936	10.87	53.3377	5.0292
10.38	58.6985	5.2880	10.88	53.2358	5.0242
10.39	58.5814	5.2825	10.89	53.1341	5.0192
10.40	58.4647	5.2770	10.90	53.0328	5.0141
10.41	58.3483	5.2715	10.91	52.9317	5.0091
10.42	58.2323	5.2660	10.92	52.8309	5.0041
10.43	58.1166	5.2605	10.93	52.7304	4.9991
10.44	58.0012	5.2551	10.94	52.6302	4.9941
10.45	57.8861	5.2496	10.95	52.5302	4.9891
10.46	57.7714	5.2442	10.96	52.4306	4.9841
10.47	57.6570	5.2387	10.97	52.3311	4.9792
10.48	57.5430	5.2333	10.98	52.2320	4.9742
10.49	57.4292	5.2279	10.99	52.1331	4.9693

THETA	L-P I	L-P II	THETA	L-P I	L-P II
11.00	52.0345	4.9643	11.50	47.4287	4.7279
11.01	51.9362	4.9594	11.51	47.3427	4.7234
11.02	51.8382	4.9545	11.52	47.2569	4.7188
11.03	51.7404	4.9496	11.53	47.1713	4.7143
11.04	51.6428	4.9447	11.54	47.0859	4.7098
11.05	51.5456	4.9398	11.55	47.0008	4.7053
11.06	51.4486	4.9349	11.56	46.9159	4.7008
11.07	51.3518	4.9300	11.57	46.8312	4.6963
11.08	51.2554	4.9251	11.58	46.7467	4.6919
11.09	51.1592	4.9202	11.59	46.6625	4.6874
11.10	51.0632	4.9154	11.60	46.5785	4.6829
11.11	50.9675	4.9105	11.61	46.4947	4.6785
11.12	50.8721	4.9057	11.62	46.4111	4.6741
11.13	50.7769	4.9009	11.63	46.3277	4.6696
11.14	50.6820	4.8961	11.64	46.2445	4.6652
11.15	50.5874	4.8912	11.65	46.1616	4.6608
11.16	50.4930	4.8864	11.66	46.0788	4.6563
11.17	50.3988	4.8816	11.67	45.9963	4.6519
11.18	50.3049	4.8769	11.68	45.9140	4.6475
11.19	50.2113	4.8721	11.69	45.8319	4.6431
11.20	50.1179	4.8673	11.70	45.7500	4.6388
11.21	50.0247	4.8625	11.71	45.6683	4.6344
11.22	49.9318	4.8578	11.72	45.5869	4.6300
11.23	49.8392	4.8530	11.73	45.5056	4.6256
11.24	49.7468	4.8483	11.74	45.4246	4.6213
11.25	49.6546	4.8436	11.75	45.3437	4.6169
11.26	49.5627	4.8388	11.76	45.2631	4.6126
11.27	49.4711	4.8341	11.77	45.1827	4.6083
11.28	49.3797	4.8294	11.78	45.1024	4.6039
11.29	49.2885	4.8247	11.79	45.0224	4.5996
11.30	49.1976	4.8200	11.80	44.9426	4.5953
11.31	49.1069	4.8154	11.81	44.8630	4.5910
11.32	49.0164	4.8107	11.82	44.7836	4.5867
11.33	48.9262	4.8060	11.83	44.7044	4.5824
11.34	48.8363	4.8014	11.84	44.6254	4.5781
11.35	48.7465	4.7967	11.85	44.5466	4.5738
11.36	48.6571	4.7921	11.86	44.4680	4.5696
11.37	48.5678	4.7874	11.87	44.3896	4.5653
11.38	48.4788	4.7828	11.88	44.3114	4.5610
11.39	48.3900	4.7782	11.89	44.2334	4.5568
11.40	48.3015	4.7736	11.90	44.1555	4.5525
11.41	48.2131	4.7690	11.91	44.0779	4.5483
11.42	48.1251	4.7644	11.92	44.0005	4.5441
11.43	48.0372	4.7598	11.93	43.9233	4.5398
11.44	47.9496	4.7552	11.94	43.8463	4.5356
11.45	47.8622	4.7506	11.95	43.7694	4.5314
11.46	47.7750	4.7461	11.96	43.6928	4.5272
11.47	47.6881	4.7415	11.97	43.6163	4.5230
11.48	47.6014	4.7370	11.98	43.5401	4.5188
11.49	47.5149	4.7324	11.99	43.4640	4.5146

THETA	L-P I	L-P II	THETA	L-P I	L-P II
12.00	43.3881	4.5105	12.50	39.8244	4.3098
12.01	43.3125	4.5063	12.51	39.7574	4.3059
12.02	43.2370	4.5021	12.52	39.6907	4.3021
12.03	43.1617	4.4980	12.53	39.6241	4.2982
12.04	43.0865	4.4938	12.54	39.5576	4.2944
12.05	43.0116	4.4897	12.55	39.4913	4.2906
12.06	42.9369	4.4855	12.56	39.4252	4.2867
12.07	42.8623	4.4814	12.57	39.3592	4.2829
12.08	42.7880	4.4773	12.58	39.2934	4.2791
12.09	42.7138	4.4732	12.59	39.2278	4.2753
12.10	42.6398	4.4690	12.60	39.1623	4.2715
12.11	42.5659	4.4649	12.61	39.0969	4.2677
12.12	42.4923	4.4608	12.62	39.0317	4.2639
12.13	42.4189	4.4567	12.63	38.9667	4.2601
12.14	42.3456	4.4527	12.64	38.9018	4.2563
12.15	42.2725	4.4486	12.65	38.8371	4.2526
12.16	42.1996	4.4445	12.66	38.7725	4.2488
12.17	42.1269	4.4404	12.67	38.7081	4.2450
12.18	42.0543	4.4364	12.68	38.6439	4.2413
12.19	41.9820	4.4323	12.69	38.5798	4.2375
12.20	41.9098	4.4283	12.70	38.5158	4.2338
12.21	41.8378	4.4242	12.71	38.4520	4.2300
12.22	41.7659	4.4202	12.72	38.3883	4.2263
12.23	41.6943	4.4162	12.73	38.3248	4.2226
12.24	41.6228	4.4122	12.74	38.2615	4.2188
12.25	41.5515	4.4081	12.75	38.1983	4.2151
12.26	41.4804	4.4041	12.76	38.1352	4.2114
12.27	41.4094	4.4001	12.77	38.0723	4.2077
12.28	41.3386	4.3961	12.78	38.0096	4.2040
12.29	41.2680	4.3922	12.79	37.9470	4.2003
12.30	41.1976	4.3882	12.80	37.8845	4.1966
12.31	41.1273	4.3842	12.81	37.8222	4.1929
12.32	41.0572	4.3802	12.82	37.7600	4.1893
12.33	40.9873	4.3763	12.83	37.6980	4.1856
12.34	40.9176	4.3723	12.84	37.6361	4.1819
12.35	40.8480	4.3683	12.85	37.5744	4.1783
12.36	40.7786	4.3644	12.86	37.5128	4.1746
12.37	40.7094	4.3605	12.87	37.4514	4.1710
12.38	40.6403	4.3565	12.88	37.3901	4.1673
12.39	40.5714	4.3526	12.89	37.3289	4.1637
12.40	40.5026	4.3487	12.90	37.2679	4.1600
12.41	40.4341	4.3448	12.91	37.2070	4.1564
12.42	40.3657	4.3408	12.92	37.1463	4.1528
12.43	40.2974	4.3369	12.93	37.0857	4.1492
12.44	40.2294	4.3330	12.94	37.0253	4.1455
12.45	40.1615	4.3292	12.95	36.9650	4.1419
12.46	40.0937	4.3253	12.96	36.9048	4.1383
12.47	40.0261	4.3214	12.97	36.8448	4.1347
12.48	39.9587	4.3175	12.98	36.7849	4.1311
12.49	39.8915	4.3136	12.99	36.7251	4.1276

THETA	L-P I	L-P II	THETA	L-P I	L-P II
13.00	36.6655	4.1240	13.50	33.8528	3.9514
13.01	36.6061	4.1204	13.51	33.7997	3.9481
13.02	36.5467	4.1168	13.52	33.7468	3.9447
13.03	36.4875	4.1133	13.53	33.6939	3.9414
13.04	36.4285	4.1097	13.54	33.6412	3.9381
13.05	36.3696	4.1061	13.55	33.5886	3.9348
13.06	36.3108	4.1026	13.56	33.5361	3.9315
13.07	36.2521	4.0990	13.57	33.4838	3.9282
13.08	36.1936	4.0955	13.58	33.4315	3.9249
13.09	36.1352	4.0920	13.59	33.3794	3.9216
13.10	36.0770	4.0884	13.60	33.3274	3.9183
13.11	36.0189	4.0849	13.61	33.2755	3.9151
13.12	35.9609	4.0814	13.62	33.2237	3.9118
13.13	35.9030	4.0779	13.63	33.1720	3.9085
13.14	35.8453	4.0744	13.64	33.1204	3.9052
13.15	35.7877	4.0709	13.65	33.0690	3.9020
13.16	35.7303	4.0674	13.66	33.0177	3.8987
13.17	35.6730	4.0639	13.67	32.9664	3.8955
13.18	35.6158	4.0604	13.68	32.9153	3.8922
13.19	35.5587	4.0569	13.69	32.8643	3.8890
13.20	35.5018	4.0534	13.70	32.8135	3.8857
13.21	35.4450	4.0500	13.71	32.7627	3.8825
13.22	35.3884	4.0465	13.72	32.7120	3.8793
13.23	35.3318	4.0430	13.73	32.6615	3.8761
13.24	35.2754	4.0396	13.74	32.6111	3.8728
13.25	35.2191	4.0361	13.75	32.5607	3.8696
13.26	35.1630	4.0327	13.76	32.5105	3.8664
13.27	35.1070	4.0292	13.77	32.4604	3.8632
13.28	35.0511	4.0258	13.78	32.4104	3.8600
13.29	34.9953	4.0224	13.79	32.3605	3.8568
13.30	34.9397	4.0189	13.80	32.3108	3.8536
13.31	34.8841	4.0155	13.81	32.2611	3.8504
13.32	34.8288	4.0121	13.82	32.2115	3.8472
13.33	34.7735	4.0087	13.83	32.1621	3.8440
13.34	34.7183	4.0053	13.84	32.1128	3.8409
13.35	34.6633	4.0019	13.85	32.0635	3.8377
13.36	34.6084	3.9985	13.86	32.0144	3.8345
13.37	34.5537	3.9951	13.87	31.9654	3.8314
13.38	34.4990	3.9917	13.88	31.9165	3.8282
13.39	34.4445	3.9883	13.89	31.8677	3.8251
13.40	34.3901	3.9849	13.90	31.8189	3.8219
13.41	34.3358	3.9815	13.91	31.7704	3.8188
13.42	34.2817	3.9782	13.92	31.7219	3.8156
13.43	34.2276	3.9748	13.93	31.6735	3.8125
13.44	34.1737	3.9714	13.94	31.6252	3.8093
13.45	34.1199	3.9681	13.95	31.5770	3.8062
13.46	34.0663	3.9647	13.96	31.5290	3.8031
13.47	34.0127	3.9614	13.97	31.4810	3.8000
13.48	33.9593	3.9581	13.98	31.4331	3.7969
13.49	33.9060	3.9547	13.99	31.3854	3.7937

THETA	L-P I	L-P II	THETA	L-P I	L-P II
14.00	31.3377	3.7906	14.50	29.0800	3.6405
14.01	31.2902	3.7875	14.51	29.0372	3.6376
14.02	31.2427	3.7844	14.52	28.9945	3.6347
14.03	31.1953	3.7813	14.53	28.9519	3.6318
14.04	31.1481	3.7783	14.54	28.9094	3.6289
14.05	31.1010	3.7752	14.55	28.8670	3.6261
14.06	31.0539	3.7721	14.56	28.8247	3.6232
14.07	31.0070	3.7690	14.57	28.7824	3.6203
14.08	30.9601	3.7659	14.58	28.7403	3.6174
14.09	30.9134	3.7629	14.59	28.6982	3.6145
14.10	30.8667	3.7598	14.60	28.6562	3.6117
14.11	30.8202	3.7567	14.61	28.6144	3.6088
14.12	30.7737	3.7537	14.62	28.5726	3.6060
14.13	30.7274	3.7506	14.63	28.5308	3.6031
14.14	30.6812	3.7476	14.64	28.4892	3.6002
14.15	30.6350	3.7445	14.65	28.4477	3.5974
14.16	30.5890	3.7415	14.66	28.4062	3.5946
14.17	30.5430	3.7385	14.67	28.3648	3.5917
14.18	30.4972	3.7354	14.68	28.3235	3.5889
14.19	30.4514	3.7324	14.69	28.2823	3.5860
14.20	30.4057	3.7294	14.70	28.2412	3.5832
14.21	30.3602	3.7264	14.71	28.2002	3.5804
14.22	30.3147	3.7233	14.72	28.1592	3.5776
14.23	30.2694	3.7203	14.73	28.1184	3.5747
14.24	30.2241	3.7173	14.74	28.0776	3.5719
14.25	30.1789	3.7143	14.75	28.0369	3.5691
14.26	30.1338	3.7113	14.76	27.9963	3.5663
14.27	30.0889	3.7083	14.77	27.9557	3.5635
14.28	30.0440	3.7053	14.78	27.9153	3.5607
14.29	29.9992	3.7023	14.79	27.8749	3.5579
14.30	29.9545	3.6994	14.80	27.8346	3.5551
14.31	29.9099	3.6964	14.81	27.7944	3.5523
14.32	29.8654	3.6934	14.82	27.7543	3.5495
14.33	29.8209	3.6904	14.83	27.7143	3.5468
14.34	29.7766	3.6875	14.84	27.6743	3.5440
14.35	29.7324	3.6845	14.85	27.6344	3.5412
14.36	29.6883	3.6815	14.86	27.5946	3.5384
14.37	29.6442	3.6786	14.87	27.5549	3.5357
14.38	29.6003	3.6756	14.88	27.5153	3.5329
14.39	29.5564	3.6727	14.89	27.4757	3.5301
14.40	29.5126	3.6697	14.90	27.4363	3.5274
14.41	29.4690	3.6668	14.91	27.3969	3.5246
14.42	29.4254	3.6639	14.92	27.3576	3.5219
14.43	29.3819	3.6609	14.93	27.3183	3.5191
14.44	29.3385	3.6580	14.94	27.2792	3.5164
14.45	29.2952	3.6551	14.95	27.2401	3.5136
14.46	29.2520	3.6522	14.96	27.2011	3.5109
14.47	29.2088	3.6492	14.97	27.1622	3.5082
14.48	29.1658	3.6463	14.98	27.1234	3.5054
14.49	29.1228	3.6434	14.99	27.0846	3.5027

THETA	L-P I	L-P II	THETA	L-P I	L-P II
15.00	27.0459	3.5000	15.50	25.2072	3.3682
15.01	27.0073	3.4973	15.51	25.1723	3.3656
15.02	26.9688	3.4946	15.52	25.1374	3.3631
15.03	26.9304	3.4919	15.53	25.1026	3.3605
15.04	26.8920	3.4891	15.54	25.0678	3.3580
15.05	26.8537	3.4864	15.55	25.0332	3.3554
15.06	26.8155	3.4837	15.56	24.9985	3.3529
15.07	26.7773	3.4810	15.57	24.9640	3.3504
15.08	26.7393	3.4783	15.58	24.9295	3.3478
15.09	26.7013	3.4757	15.59	24.8951	3.3453
15.10	26.6634	3.4730	15.60	24.8608	3.3428
15.11	26.6256	3.4703	15.61	24.8265	3.3403
15.12	26.5878	3.4676	15.62	24.7923	3.3377
15.13	26.5501	3.4649	15.63	24.7581	3.3352
15.14	26.5125	3.4622	15.64	24.7241	3.3327
15.15	26.4750	3.4596	15.65	24.6900	3.3302
15.16	26.4375	3.4569	15.66	24.6561	3.3277
15.17	26.4001	3.4542	15.67	24.6222	3.3252
15.18	26.3628	3.4516	15.68	24.5884	3.3227
15.19	26.3256	3.4489	15.69	24.5547	3.3202
15.20	26.2884	3.4463	15.70	24.5210	3.3177
15.21	26.2514	3.4436	15.71	24.4873	3.3152
15.22	26.2143	3.4410	15.72	24.4538	3.3127
15.23	26.1774	3.4383	15.73	24.4203	3.3102
15.24	26.1405	3.4357	15.74	24.3869	3.3077
15.25	26.1038	3.4331	15.75	24.3535	3.3053
15.26	26.0670	3.4304	15.76	24.3202	3.3028
15.27	26.0304	3.4278	15.77	24.2870	3.3003
15.28	25.9938	3.4252	15.78	24.2538	3.2978
15.29	25.9573	3.4225	15.79	24.2207	3.2954
15.30	25.9209	3.4199	15.80	24.1877	3.2929
15.31	25.8845	3.4173	15.81	24.1547	3.2904
15.32	25.8483	3.4147	15.82	24.1218	3.2880
15.33	25.8120	3.4121	15.83	24.0889	3.2855
15.34	25.7759	3.4095	15.84	24.0561	3.2831
15.35	25.7398	3.4069	15.85	24.0234	3.2806
15.36	25.7038	3.4043	15.86	23.9907	3.2782
15.37	25.6679	3.4017	15.87	23.9581	3.2757
15.38	25.6321	3.3991	15.88	23.9256	3.2733
15.39	25.5963	3.3965	15.89	23.8931	3.2709
15.40	25.5606	3.3939	15.90	23.8607	3.2684
15.41	25.5249	3.3913	15.91	23.8284	3.2660
15.42	25.4893	3.3887	15.92	23.7961	3.2636
15.43	25.4538	3.3861	15.93	23.7638	3.2611
15.44	25.4184	3.3836	15.94	23.7317	3.2587
15.45	25.3830	3.3810	15.95	23.6996	3.2563
15.46	25.3477	3.3784	15.96	23.6675	3.2539
15.47	25.3125	3.3759	15.97	23.6355	3.2515
15.48	25.2774	3.3733	15.98	23.6036	3.2491
15.49	25.2423	3.3707	15.99	23.5717	3.2466

THETA	L-P I	L-P II	THETA	L-P I	L-P II
16.00	23.5399	3.2442	16.50	22.0236	3.1275
16.01	23.5082	3.2418	16.51	21.9947	3.1253
16.02	23.4765	3.2394	16.52	21.9658	3.1230
16.03	23.4449	3.2370	16.53	21.9370	3.1207
16.04	23.4133	3.2346	16.54	21.9083	3.1185
16.05	23.3818	3.2323	16.55	21.8796	3.1162
16.06	23.3504	3.2299	16.56	21.8509	3.1140
16.07	23.3190	3.2275	16.57	21.8223	3.1117
16.08	23.2877	3.2251	16.58	21.7938	3.1095
16.09	23.2564	3.2227	16.59	21.7653	3.1072
16.10	23.2252	3.2203	16.60	21.7369	3.1050
16.11	23.1940	3.2180	16.61	21.7085	3.1027
16.12	23.1629	3.2156	16.62	21.6801	3.1005
16.13	23.1319	3.2132	16.63	21.6519	3.0983
16.14	23.1009	3.2109	16.64	21.6236	3.0960
16.15	23.0700	3.2085	16.65	21.5955	3.0938
16.16	23.0392	3.2061	16.66	21.5673	3.0916
16.17	23.0084	3.2038	16.67	21.5393	3.0894
16.18	22.9776	3.2014	16.68	21.5112	3.0871
16.19	22.9469	3.1991	16.69	21.4833	3.0849
16.20	22.9163	3.1967	16.70	21.4553	3.0827
16.21	22.8857	3.1944	16.71	21.4275	3.0805
16.22	22.8552	3.1920	16.72	21.3996	3.0783
16.23	22.8248	3.1897	16.73	21.3719	3.0761
16.24	22.7944	3.1874	16.74	21.3442	3.0739
16.25	22.7640	3.1850	16.75	21.3165	3.0717
16.26	22.7338	3.1827	16.76	21.2889	3.0695
16.27	22.7035	3.1804	16.77	21.2613	3.0673
16.28	22.6734	3.1780	16.78	21.2338	3.0651
16.29	22.6432	3.1757	16.79	21.2063	3.0629
16.30	22.6132	3.1734	16.80	21.1789	3.0607
16.31	22.5832	3.1711	16.81	21.1515	3.0585
16.32	22.5532	3.1687	16.82	21.1242	3.0563
16.33	22.5233	3.1664	16.83	21.0969	3.0541
16.34	22.4935	3.1641	16.84	21.0697	3.0519
16.35	22.4637	3.1618	16.85	21.0425	3.0498
16.36	22.4340	3.1595	16.86	21.0154	3.0476
16.37	22.4043	3.1572	16.87	20.9883	3.0454
16.38	22.3747	3.1549	16.88	20.9613	3.0433
16.39	22.3452	3.1526	16.89	20.9343	3.0411
16.40	22.3157	3.1503	16.90	20.9074	3.0389
16.41	22.2862	3.1480	16.91	20.8805	3.0368
16.42	22.2568	3.1457	16.92	20.8537	3.0346
16.43	22.2275	3.1434	16.93	20.8269	3.0324
16.44	22.1982	3.1412	16.94	20.8002	3.0303
16.45	22.1689	3.1389	16.95	20.7735	3.0281
16.46	22.1398	3.1366	16.96	20.7469	3.0260
16.47	22.1106	3.1343	16.97	20.7203	3.0238
16.48	22.0816	3.1321	16.98	20.6937	3.0217
16.49	22.0526	3.1298	16.99	20.6672	3.0195

THETA	L-P I	L-P II	THETA	L-P I	L-P II
17.00	20.6408	3.0174	17.50	19.3765	2.9133
17.01	20.6144	3.0153	17.51	19.3524	2.9113
17.02	20.5880	3.0131	17.52	19.3282	2.9093
17.03	20.5617	3.0110	17.53	19.3042	2.9073
17.04	20.5355	3.0088	17.54	19.2801	2.9052
17.05	20.5093	3.0067	17.55	19.2561	2.9032
17.06	20.4831	3.0046	17.56	19.2322	2.9012
17.07	20.4570	3.0025	17.57	19.2082	2.8992
17.08	20.4309	3.0003	17.58	19.1844	2.8972
17.09	20.4049	2.9982	17.59	19.1605	2.8952
17.10	20.3789	2.9961	17.60	19.1367	2.8932
17.11	20.3530	2.9940	17.61	19.1130	2.8912
17.12	20.3271	2.9919	17.62	19.0893	2.8892
17.13	20.3012	2.9898	17.63	19.0656	2.8872
17.14	20.2754	2.9877	17.64	19.0420	2.8852
17.15	20.2497	2.9856	17.65	19.0184	2.8832
17.16	20.2240	2.9835	17.66	18.9948	2.8812
17.17	20.1983	2.9814	17.67	18.9713	2.8792
17.18	20.1727	2.9793	17.68	18.9479	2.8772
17.19	20.1472	2.9772	17.69	18.9245	2.8753
17.20	20.1216	2.9751	17.70	18.9011	2.8733
17.21	20.0962	2.9730	17.71	18.8777	2.8713
17.22	20.0707	2.9709	17.72	18.8544	2.8693
17.23	20.0453	2.9688	17.73	18.8312	2.8673
17.24	20.0200	2.9667	17.74	18.8079	2.8654
17.25	19.9947	2.9646	17.75	18.7847	2.8634
17.26	19.9694	2.9625	17.76	18.7616	2.8614
17.27	19.9442	2.9605	17.77	18.7385	2.8595
17.28	19.9191	2.9584	17.78	18.7154	2.8575
17.29	19.8940	2.9563	17.79	18.6924	2.8555
17.30	19.8689	2.9543	17.80	18.6694	2.8536
17.31	19.8439	2.9522	17.81	18.6465	2.8516
17.32	19.8189	2.9501	17.82	18.6236	2.8497
17.33	19.7939	2.9481	17.83	18.6007	2.8477
17.34	19.7690	2.9460	17.84	18.5779	2.8458
17.35	19.7442	2.9439	17.85	18.5551	2.8438
17.36	19.7194	2.9419	17.86	18.5323	2.8419
17.37	19.6946	2.9398	17.87	18.5096	2.8399
17.38	19.6699	2.9378	17.88	18.4870	2.8380
17.39	19.6452	2.9357	17.89	18.4643	2.8360
17.40	19.6205	2.9337	17.90	18.4417	2.8341
17.41	19.5960	2.9316	17.91	18.4192	2.8322
17.42	19.5714	2.9296	17.92	18.3967	2.8302
17.43	19.5469	2.9275	17.93	18.3742	2.8283
17.44	19.5224	2.9255	17.94	18.3517	2.8264
17.45	19.4980	2.9235	17.95	18.3293	2.8244
17.46	19.4736	2.9214	17.96	18.3070	2.8225
17.47	19.4493	2.9194	17.97	18.2846	2.8206
17.48	19.4250	2.9174	17.98	18.2624	2.8187
17.49	19.4007	2.9153	17.99	18.2401	2.8167

THETA	L-P I	L-P II	THETA	L-P I	L-P II
18.00	18.2179	2.8148	18.50	17.1536	2.7215
18.01	18.1957	2.8129	18.51	17.1333	2.7196
18.02	18.1736	2.8110	18.52	17.1129	2.7178
18.03	18.1515	2.8091	18.53	17.0926	2.7160
18.04	18.1294	2.8072	18.54	17.0723	2.7142
18.05	18.1074	2.8053	18.55	17.0520	2.7124
18.06	18.0854	2.8034	18.56	17.0318	2.7106
18.07	18.0635	2.8014	18.57	17.0116	2.7088
18.08	18.0415	2.7995	18.58	16.9915	2.7070
18.09	18.0197	2.7976	18.59	16.9713	2.7052
18.10	17.9978	2.7957	18.60	16.9512	2.7034
18.11	17.9760	2.7939	18.61	16.9312	2.7016
18.12	17.9543	2.7920	18.62	16.9112	2.6998
18.13	17.9325	2.7901	18.63	16.8912	2.6980
18.14	17.9108	2.7882	18.64	16.8712	2.6962
18.15	17.8892	2.7863	18.65	16.8513	2.6944
18.16	17.8676	2.7844	18.66	16.8314	2.6926
18.17	17.8460	2.7825	18.67	16.8115	2.6908
18.18	17.8244	2.7806	18.68	16.7917	2.6890
18.19	17.8029	2.7788	18.69	16.7719	2.6873
18.20	17.7814	2.7769	18.70	16.7522	2.6855
18.21	17.7600	2.7750	18.71	16.7324	2.6837
18.22	17.7386	2.7731	18.72	16.7127	2.6819
18.23	17.7172	2.7713	18.73	16.6931	2.6801
18.24	17.6959	2.7694	18.74	16.6734	2.6784
18.25	17.6746	2.7675	18.75	16.6538	2.6766
18.26	17.6534	2.7657	18.76	16.6343	2.6748
18.27	17.6321	2.7638	18.77	16.6147	2.6731
18.28	17.6109	2.7619	18.78	16.5952	2.6713
18.29	17.5898	2.7601	18.79	16.5757	2.6695
18.30	17.5687	2.7582	18.80	16.5563	2.6678
18.31	17.5476	2.7564	18.81	16.5369	2.6660
18.32	17.5265	2.7545	18.82	16.5175	2.6642
18.33	17.5055	2.7527	18.83	16.4982	2.6625
18.34	17.4846	2.7508	18.84	16.4789	2.6607
18.35	17.4636	2.7490	18.85	16.4596	2.6590
18.36	17.4427	2.7471	18.86	16.4403	2.6572
18.37	17.4218	2.7453	18.87	16.4211	2.6555
18.38	17.4010	2.7434	18.88	16.4019	2.6537
18.39	17.3802	2.7416	18.89	16.3828	2.6520
18.40	17.3594	2.7397	18.90	16.3636	2.6502
18.41	17.3387	2.7379	18.91	16.3445	2.6485
18.42	17.3180	2.7361	18.92	16.3255	2.6467
18.43	17.2973	2.7342	18.93	16.3064	2.6450
18.44	17.2767	2.7324	18.94	16.2874	2.6433
18.45	17.2561	2.7306	18.95	16.2685	2.6415
18.46	17.2356	2.7288	18.96	16.2495	2.6398
18.47	17.2150	2.7269	18.97	16.2306	2.6381
18.48	17.1945	2.7251	18.98	16.2117	2.6363
18.49	17.1741	2.7233	18.99	16.1929	2.6346

THETA	L-P I	L-P II	THETA	L-P I	L-P II
19.00	16.1741	2.6329	19.50	15.2706	2.5487
19.01	16.1553	2.6312	19.51	15.2532	2.5471
19.02	16.1365	2.6294	19.52	15.2359	2.5454
19.03	16.1178	2.6277	19.53	15.2186	2.5438
19.04	16.0991	2.6260	19.54	15.2014	2.5422
19.05	16.0804	2.6243	19.55	15.1841	2.5405
19.06	16.0618	2.6226	19.56	15.1669	2.5389
19.07	16.0432	2.6208	19.57	15.1497	2.5373
19.08	16.0246	2.6191	19.58	15.1326	2.5356
19.09	16.0060	2.6174	19.59	15.1154	2.5340
19.10	15.9875	2.6157	19.60	15.0983	2.5324
19.11	15.9690	2.6140	19.61	15.0813	2.5308
19.12	15.9506	2.6123	19.62	15.0642	2.5291
19.13	15.9321	2.6106	19.63	15.0472	2.5275
19.14	15.9137	2.6089	19.64	15.0302	2.5259
19.15	15.8954	2.6072	19.65	15.0132	2.5243
19.16	15.8770	2.6055	19.66	14.9963	2.5227
19.17	15.8587	2.6038	19.67	14.9794	2.5210
19.18	15.8404	2.6021	19.68	14.9625	2.5194
19.19	15.8222	2.6004	19.69	14.9456	2.5178
19.20	15.8040	2.5987	19.70	14.9288	2.5162
19.21	15.7858	2.5970	19.71	14.9120	2.5146
19.22	15.7676	2.5953	19.72	14.8952	2.5130
19.23	15.7495	2.5936	19.73	14.8785	2.5114
19.24	15.7314	2.5919	19.74	14.8617	2.5098
19.25	15.7133	2.5903	19.75	14.8450	2.5082
19.26	15.6952	2.5886	19.76	14.8283	2.5066
19.27	15.6772	2.5869	19.77	14.8117	2.5050
19.28	15.6592	2.5852	19.78	14.7951	2.5034
19.29	15.6413	2.5835	19.79	14.7785	2.5018
19.30	15.6233	2.5819	19.80	14.7619	2.5002
19.31	15.6054	2.5802	19.81	14.7453	2.4986
19.32	15.5875	2.5785	19.82	14.7288	2.4970
19.33	15.5697	2.5769	19.83	14.7123	2.4954
19.34	15.5519	2.5752	19.84	14.6959	2.4938
19.35	15.5341	2.5735	19.85	14.6794	2.4923
19.36	15.5163	2.5719	19.86	14.6630	2.4907
19.37	15.4986	2.5702	19.87	14.6466	2.4891
19.38	15.4809	2.5685	19.88	14.6302	2.4875
19.39	15.4632	2.5669	19.89	14.6139	2.4859
19.40	15.4456	2.5652	19.90	14.5976	2.4844
19.41	15.4279	2.5635	19.91	14.5813	2.4828
19.42	15.4103	2.5619	19.92	14.5650	2.4812
19.43	15.3928	2.5602	19.93	14.5488	2.4796
19.44	15.3752	2.5586	19.94	14.5325	2.4781
19.45	15.3577	2.5569	19.95	14.5163	2.4765
19.46	15.3402	2.5553	19.96	14.5002	2.4749
19.47	15.3228	2.5536	19.97	14.4840	2.4734
19.48	15.3054	2.5520	19.98	14.4679	2.4718
19.49	15.2880	2.5504	19.99	14.4518	2.4702

THETA	L-P I	L-P II	THETA	L-P I	L-P II
20.00	14.4358	2.4687	20.50	13.6630	2.3924
20.01	14.4197	2.4671	20.51	13.6482	2.3910
20.02	14.4037	2.4655	20.52	13.6333	2.3895
20.03	14.3877	2.4640	20.53	13.6185	2.3880
20.04	14.3717	2.4624	20.54	13.6037	2.3865
20.05	14.3558	2.4609	20.55	13.5889	2.3850
20.06	14.3399	2.4593	20.56	13.5742	2.3835
20.07	14.3240	2.4578	20.57	13.5595	2.3821
20.08	14.3081	2.4562	20.58	13.5448	2.3806
20.09	14.2923	2.4547	20.59	13.5301	2.3791
20.10	14.2764	2.4531	20.60	13.5154	2.3776
20.11	14.2606	2.4516	20.61	13.5008	2.3762
20.12	14.2449	2.4500	20.62	13.4862	2.3747
20.13	14.2291	2.4485	20.63	13.4716	2.3732
20.14	14.2134	2.4469	20.64	13.4570	2.3718
20.15	14.1977	2.4454	20.65	13.4424	2.3703
20.16	14.1820	2.4439	20.66	13.4279	2.3688
20.17	14.1664	2.4423	20.67	13.4134	2.3674
20.18	14.1507	2.4408	20.68	13.3989	2.3659
20.19	14.1351	2.4393	20.69	13.3845	2.3644
20.20	14.1196	2.4377	20.70	13.3700	2.3630
20.21	14.1040	2.4362	20.71	13.3556	2.3615
20.22	14.0885	2.4347	20.72	13.3412	2.3601
20.23	14.0730	2.4331	20.73	13.3268	2.3586
20.24	14.0575	2.4316	20.74	13.3125	2.3572
20.25	14.0420	2.4301	20.75	13.2981	2.3557
20.26	14.0266	2.4286	20.76	13.2838	2.3542
20.27	14.0112	2.4270	20.77	13.2695	2.3528
20.28	13.9958	2.4255	20.78	13.2552	2.3514
20.29	13.9804	2.4240	20.79	13.2410	2.3499
20.30	13.9651	2.4225	20.80	13.2268	2.3485
20.31	13.9497	2.4210	20.81	13.2126	2.3470
20.32	13.9344	2.4195	20.82	13.1984	2.3456
20.33	13.9192	2.4179	20.83	13.1842	2.3441
20.34	13.9039	2.4164	20.84	13.1701	2.3427
20.35	13.8887	2.4149	20.85	13.1559	2.3412
20.36	13.8735	2.4134	20.86	13.1418	2.3398
20.37	13.8583	2.4119	20.87	13.1278	2.3384
20.38	13.8431	2.4104	20.88	13.1137	2.3369
20.39	13.8280	2.4089	20.89	13.0997	2.3355
20.40	13.8129	2.4074	20.90	13.0856	2.3341
20.41	13.7978	2.4059	20.91	13.0716	2.3326
20.42	13.7827	2.4044	20.92	13.0577	2.3312
20.43	13.7677	2.4029	20.93	13.0437	2.3298
20.44	13.7527	2.4014	20.94	13.0298	2.3284
20.45	13.7377	2.3999	20.95	13.0159	2.3269
20.46	13.7227	2.3984	20.96	13.0020	2.3255
20.47	13.7078	2.3969	20.97	12.9881	2.3241
20.48	13.6928	2.3954	20.98	12.9742	2.3227
20.49	13.6779	2.3939	20.99	12.9604	2.3212

THETA	L-P I	L-P II	THETA	L-P I	L-P II
21.00	12.9466	2.3198	21.50	12.2813	2.2506
21.01	12.9328	2.3184	21.51	12.2685	2.2492
21.02	12.9190	2.3170	21.52	12.2557	2.2479
21.03	12.9053	2.3156	21.53	12.2429	2.2465
21.04	12.8916	2.3142	21.54	12.2302	2.2452
21.05	12.8778	2.3127	21.55	12.2174	2.2438
21.06	12.8642	2.3113	21.56	12.2047	2.2425
21.07	12.8505	2.3099	21.57	12.1920	2.2411
21.08	12.8368	2.3085	21.58	12.1793	2.2398
21.09	12.8232	2.3071	21.59	12.1667	2.2384
21.10	12.8096	2.3057	21.60	12.1540	2.2371
21.11	12.7960	2.3043	21.61	12.1414	2.2358
21.12	12.7824	2.3029	21.62	12.1288	2.2344
21.13	12.7689	2.3015	21.63	12.1162	2.2331
21.14	12.7554	2.3001	21.64	12.1036	2.2317
21.15	12.7419	2.2987	21.65	12.0910	2.2304
21.16	12.7284	2.2973	21.66	12.0785	2.2291
21.17	12.7149	2.2959	21.67	12.0660	2.2277
21.18	12.7015	2.2945	21.68	12.0535	2.2264
21.19	12.6880	2.2931	21.69	12.0410	2.2251
21.20	12.6746	2.2917	21.70	12.0285	2.2238
21.21	12.6612	2.2903	21.71	12.0161	2.2224
21.22	12.6479	2.2889	21.72	12.0036	2.2211
21.23	12.6345	2.2876	21.73	11.9912	2.2198
21.24	12.6212	2.2862	21.74	11.9788	2.2184
21.25	12.6079	2.2848	21.75	11.9664	2.2171
21.26	12.5946	2.2834	21.76	11.9541	2.2158
21.27	12.5813	2.2820	21.77	11.9417	2.2145
21.28	12.5680	2.2806	21.78	11.9294	2.2132
21.29	12.5548	2.2793	21.79	11.9171	2.2118
21.30	12.5416	2.2779	21.80	11.9048	2.2105
21.31	12.5284	2.2765	21.81	11.8925	2.2092
21.32	12.5152	2.2751	21.82	11.8803	2.2079
21.33	12.5021	2.2737	21.83	11.8680	2.2066
21.34	12.4889	2.2724	21.84	11.8558	2.2053
21.35	12.4758	2.2710	21.85	11.8436	2.2040
21.36	12.4627	2.2696	21.86	11.8314	2.2027
21.37	12.4496	2.2683	21.87	11.8193	2.2013
21.38	12.4366	2.2669	21.88	11.8071	2.2000
21.39	12.4235	2.2655	21.89	11.7950	2.1987
21.40	12.4105	2.2642	21.90	11.7829	2.1974
21.41	12.3975	2.2628	21.91	11.7708	2.1961
21.42	12.3845	2.2614	21.92	11.7587	2.1948
21.43	12.3716	2.2601	21.93	11.7466	2.1935
21.44	12.3586	2.2587	21.94	11.7346	2.1922
21.45	12.3457	2.2573	21.95	11.7226	2.1909
21.46	12.3328	2.2560	21.96	11.7105	2.1896
21.47	12.3199	2.2546	21.97	11.6985	2.1883
21.48	12.3070	2.2533	21.98	11.6866	2.1870
21.49	12.2942	2.2519	21.99	11.6746	2.1857

THETA	L-P I	L-P II	THETA	L-P I	L-P II
22.00	11.6627	2.1845	22.50	11.0866	2.1213
22.01	11.6507	2.1832	22.51	11.0754	2.1201
22.02	11.6388	2.1819	22.52	11.0643	2.1189
22.03	11.6269	2.1806	22.53	11.0533	2.1176
22.04	11.6151	2.1793	22.54	11.0422	2.1164
22.05	11.6032	2.1780	22.55	11.0311	2.1152
22.06	11.5914	2.1767	22.56	11.0201	2.1139
22.07	11.5795	2.1754	22.57	11.0091	2.1127
22.08	11.5677	2.1742	22.58	10.9981	2.1115
22.09	11.5559	2.1729	22.59	10.9871	2.1103
22.10	11.5442	2.1716	22.60	10.9761	2.1090
22.11	11.5324	2.1703	22.61	10.9652	2.1078
22.12	11.5207	2.1690	22.62	10.9542	2.1066
22.13	11.5089	2.1678	22.63	10.9433	2.1054
22.14	11.4972	2.1665	22.64	10.9324	2.1042
22.15	11.4855	2.1652	22.65	10.9215	2.1029
22.16	11.4739	2.1639	22.66	10.9106	2.1017
22.17	11.4622	2.1627	22.67	10.8997	2.1005
22.18	11.4506	2.1614	22.68	10.8889	2.0993
22.19	11.4389	2.1601	22.69	10.8780	2.0981
22.20	11.4273	2.1589	22.70	10.8672	2.0969
22.21	11.4157	2.1576	22.71	10.8564	2.0956
22.22	11.4042	2.1563	22.72	10.8456	2.0944
22.23	11.3926	2.1551	22.73	10.8348	2.0932
22.24	11.3811	2.1538	22.74	10.8241	2.0920
22.25	11.3695	2.1525	22.75	10.8133	2.0908
22.26	11.3580	2.1513	22.76	10.8026	2.0896
22.27	11.3465	2.1500	22.77	10.7919	2.0884
22.28	11.3350	2.1487	22.78	10.7812	2.0872
22.29	11.3236	2.1475	22.79	10.7705	2.0860
22.30	11.3121	2.1462	22.80	10.7598	2.0848
22.31	11.3007	2.1450	22.81	10.7491	2.0836
22.32	11.2893	2.1437	22.82	10.7385	2.0824
22.33	11.2779	2.1425	22.83	10.7279	2.0812
22.34	11.2665	2.1412	22.84	10.7173	2.0800
22.35	11.2551	2.1400	22.85	10.7067	2.0788
22.36	11.2438	2.1387	22.86	10.6961	2.0776
22.37	11.2325	2.1375	22.87	10.6855	2.0764
22.38	11.2211	2.1362	22.88	10.6749	2.0752
22.39	11.2098	2.1350	22.89	10.6644	2.0740
22.40	11.1986	2.1337	22.90	10.6539	2.0728
22.41	11.1873	2.1325	22.91	10.6434	2.0716
22.42	11.1760	2.1312	22.92	10.6329	2.0705
22.43	11.1648	2.1300	22.93	10.6224	2.0693
22.44	11.1536	2.1287	22.94	10.6119	2.0681
22.45	11.1424	2.1275	22.95	10.6015	2.0669
22.46	11.1312	2.1263	22.96	10.5910	2.0657
22.47	11.1200	2.1250	22.97	10.5806	2.0645
22.48	11.1088	2.1238	22.98	10.5702	2.0633
22.49	11.0977	2.1226	22.99	10.5598	2.0622

THETA	L-P I	L-P II	THETA	L-P I	L-P II
23.00	10.5494	2.0610	23.50	10.0479	2.0033
23.01	10.5390	2.0598	23.51	10.0382	2.0022
23.02	10.5287	2.0586	23.52	10.0286	2.0010
23.03	10.5183	2.0575	23.53	10.0189	1.9999
23.04	10.5080	2.0563	23.54	10.0093	1.9988
23.05	10.4977	2.0551	23.55	9.9996	1.9977
23.06	10.4874	2.0539	23.56	9.9900	1.9966
23.07	10.4771	2.0528	23.57	9.9804	1.9954
23.08	10.4668	2.0516	23.58	9.9708	1.9943
23.09	10.4566	2.0504	23.59	9.9612	1.9932
23.10	10.4463	2.0492	23.60	9.9517	1.9921
23.11	10.4361	2.0481	23.61	9.9421	1.9910
23.12	10.4259	2.0469	23.62	9.9326	1.9898
23.13	10.4157	2.0457	23.63	9.9230	1.9887
23.14	10.4055	2.0446	23.64	9.9135	1.9876
23.15	10.3953	2.0434	23.65	9.9040	1.9865
23.16	10.3852	2.0422	23.66	9.8945	1.9854
23.17	10.3750	2.0411	23.67	9.8850	1.9843
23.18	10.3649	2.0399	23.68	9.8756	1.9832
23.19	10.3548	2.0388	23.69	9.8661	1.9820
23.20	10.3447	2.0376	23.70	9.8567	1.9809
23.21	10.3346	2.0364	23.71	9.8473	1.9798
23.22	10.3245	2.0353	23.72	9.8378	1.9787
23.23	10.3145	2.0341	23.73	9.8284	1.9776
23.24	10.3044	2.0330	23.74	9.8191	1.9765
23.25	10.2944	2.0318	23.75	9.8097	1.9754
23.26	10.2844	2.0307	23.76	9.8003	1.9743
23.27	10.2744	2.0295	23.77	9.7910	1.9732
23.28	10.2644	2.0284	23.78	9.7816	1.9721
23.29	10.2544	2.0272	23.79	9.7723	1.9710
23.30	10.2444	2.0261	23.80	9.7630	1.9699
23.31	10.2345	2.0249	23.81	9.7537	1.9688
23.32	10.2245	2.0238	23.82	9.7444	1.9677
23.33	10.2146	2.0226	23.83	9.7351	1.9666
23.34	10.2047	2.0215	23.84	9.7258	1.9655
23.35	10.1948	2.0203	23.85	9.7166	1.9644
23.36	10.1849	2.0192	23.86	9.7073	1.9633
23.37	10.1750	2.0181	23.87	9.6981	1.9622
23.38	10.1652	2.0169	23.88	9.6889	1.9611
23.39	10.1553	2.0158	23.89	9.6797	1.9601
23.40	10.1455	2.0146	23.90	9.6705	1.9590
23.41	10.1357	2.0135	23.91	9.6613	1.9579
23.42	10.1259	2.0124	23.92	9.6522	1.9568
23.43	10.1161	2.0112	23.93	9.6430	1.9557
23.44	10.1063	2.0101	23.94	9.6339	1.9546
23.45	10.0966	2.0090	23.95	9.6247	1.9535
23.46	10.0868	2.0078	23.96	9.6156	1.9524
23.47	10.0771	2.0067	23.97	9.6065	1.9514
23.48	10.0673	2.0056	23.98	9.5974	1.9503
23.49	10.0576	2.0044	23.99	9.5883	1.9492

THETA	L-P I	L-P II	THETA	L-P I	L-P II
24.00	9.5793	1.9481	24.50	9.1408	1.8953
24.01	9.5702	1.9470	24.51	9.1323	1.8943
24.02	9.5612	1.9460	24.52	9.1239	1.8933
24.03	9.5521	1.9449	24.53	9.1154	1.8922
24.04	9.5431	1.9438	24.54	9.1070	1.8912
24.05	9.5341	1.9427	24.55	9.0985	1.8902
24.06	9.5251	1.9417	24.56	9.0901	1.8891
24.07	9.5161	1.9406	24.57	9.0817	1.8881
24.08	9.5072	1.9395	24.58	9.0733	1.8871
24.09	9.4982	1.9384	24.59	9.0649	1.8861
24.10	9.4892	1.9374	24.60	9.0565	1.8850
24.11	9.4803	1.9363	24.61	9.0482	1.8840
24.12	9.4714	1.9352	24.62	9.0398	1.8830
24.13	9.4625	1.9342	24.63	9.0315	1.8820
24.14	9.4536	1.9331	24.64	9.0231	1.8809
24.15	9.4447	1.9320	24.65	9.0148	1.8799
24.16	9.4358	1.9310	24.66	9.0065	1.8789
24.17	9.4269	1.9299	24.67	8.9982	1.8779
24.18	9.4181	1.9288	24.68	8.9899	1.8769
24.19	9.4092	1.9278	24.69	8.9816	1.8758
24.20	9.4004	1.9267	24.70	8.9734	1.8748
24.21	9.3916	1.9257	24.71	8.9651	1.8738
24.22	9.3828	1.9246	24.72	8.9568	1.8728
24.23	9.3740	1.9235	24.73	8.9486	1.8718
24.24	9.3652	1.9225	24.74	8.9404	1.8708
24.25	9.3564	1.9214	24.75	8.9322	1.8698
24.26	9.3477	1.9204	24.76	8.9240	1.8688
24.27	9.3389	1.9193	24.77	8.9158	1.8677
24.28	9.3302	1.9183	24.78	8.9076	1.8667
24.29	9.3214	1.9172	24.79	8.8994	1.8657
24.30	9.3127	1.9162	24.80	8.8912	1.8647
24.31	9.3040	1.9151	24.81	8.8831	1.8637
24.32	9.2953	1.9141	24.82	8.8750	1.8627
24.33	9.2867	1.9130	24.83	8.8668	1.8617
24.34	9.2780	1.9120	24.84	8.8587	1.8607
24.35	9.2693	1.9109	24.85	8.8506	1.8597
24.36	9.2607	1.9099	24.86	8.8425	1.8587
24.37	9.2520	1.9088	24.87	8.8344	1.8577
24.38	9.2434	1.9078	24.88	8.8263	1.8567
24.39	9.2348	1.9067	24.89	8.8183	1.8557
24.40	9.2262	1.9057	24.90	8.8102	1.8547
24.41	9.2176	1.9047	24.91	8.8022	1.8537
24.42	9.2090	1.9036	24.92	8.7941	1.8527
24.43	9.2005	1.9026	24.93	8.7861	1.8517
24.44	9.1919	1.9015	24.94	8.7781	1.8507
24.45	9.1834	1.9005	24.95	8.7701	1.8497
24.46	9.1748	1.8995	24.96	8.7621	1.8487
24.47	9.1663	1.8984	24.97	8.7541	1.8477
24.48	9.1578	1.8974	24.98	8.7461	1.8468
24.49	9.1493	1.8964	24.99	8.7382	1.8458

THETA	L-P I	L-P II	THETA	L-P I	L-P II
25.00	8.7302	1.8448	25.50	8.3453	1.7964
25.01	8.7223	1.8438	25.51	8.3379	1.7954
25.02	8.7143	1.8428	25.52	8.3304	1.7945
25.03	8.7064	1.8418	25.53	8.3230	1.7935
25.04	8.6985	1.8408	25.54	8.3156	1.7926
25.05	8.6906	1.8398	25.55	8.3082	1.7916
25.06	8.6827	1.8389	25.56	8.3008	1.7907
25.07	8.6748	1.8379	25.57	8.2934	1.7898
25.08	8.6669	1.8369	25.58	8.2860	1.7888
25.09	8.6591	1.8359	25.59	8.2786	1.7879
25.10	8.6512	1.8349	25.60	8.2712	1.7869
25.11	8.6434	1.8339	25.61	8.2639	1.7860
25.12	8.6356	1.8330	25.62	8.2565	1.7851
25.13	8.6277	1.8320	25.63	8.2492	1.7841
25.14	8.6199	1.8310	25.64	8.2419	1.7832
25.15	8.6121	1.8300	25.65	8.2346	1.7823
25.16	8.6043	1.8291	25.66	8.2273	1.7813
25.17	8.5965	1.8281	25.67	8.2200	1.7804
25.18	8.5888	1.8271	25.68	8.2127	1.7795
25.19	8.5810	1.8261	25.69	8.2054	1.7785
25.20	8.5733	1.8252	25.70	8.1981	1.7776
25.21	8.5655	1.8242	25.71	8.1909	1.7767
25.22	8.5578	1.8232	25.72	8.1836	1.7757
25.23	8.5501	1.8222	25.73	8.1764	1.7748
25.24	8.5424	1.8213	25.74	8.1691	1.7739
25.25	8.5347	1.8203	25.75	8.1619	1.7729
25.26	8.5270	1.8193	25.76	8.1547	1.7720
25.27	8.5193	1.8184	25.77	8.1475	1.7711
25.28	8.5116	1.8174	25.78	8.1403	1.7702
25.29	8.5040	1.8164	25.79	8.1331	1.7692
25.30	8.4963	1.8155	25.80	8.1259	1.7683
25.31	8.4887	1.8145	25.81	8.1187	1.7674
25.32	8.4810	1.8136	25.82	8.1116	1.7665
25.33	8.4734	1.8126	25.83	8.1044	1.7656
25.34	8.4658	1.8116	25.84	8.0973	1.7646
25.35	8.4582	1.8107	25.85	8.0902	1.7637
25.36	8.4506	1.8097	25.86	8.0830	1.7628
25.37	8.4430	1.8088	25.87	8.0759	1.7619
25.38	8.4354	1.8078	25.88	8.0688	1.7610
25.39	8.4279	1.8068	25.89	8.0617	1.7601
25.40	8.4203	1.8059	25.90	8.0546	1.7591
25.41	8.4128	1.8049	25.91	8.0475	1.7582
25.42	8.4052	1.8040	25.92	8.0405	1.7573
25.43	8.3977	1.8030	25.93	8.0334	1.7564
25.44	8.3902	1.8021	25.94	8.0264	1.7555
25.45	8.3827	1.8011	25.95	8.0193	1.7546
25.46	8.3752	1.8002	25.96	8.0123	1.7537
25.47	8.3677	1.7992	25.97	8.0052	1.7528
25.48	8.3602	1.7983	25.98	7.9982	1.7518
25.49	8.3528	1.7973	25.99	7.9912	1.7509

THETA	L-P I	L-P II	THETA	L-P I	L-P II
26.00	7.9842	1.7500	26.50	7.6452	1.7056
26.01	7.9772	1.7491	26.51	7.6386	1.7048
26.02	7.9702	1.7482	26.52	7.6321	1.7039
26.03	7.9633	1.7473	26.53	7.6255	1.7030
26.04	7.9563	1.7464	26.54	7.6190	1.7022
26.05	7.9494	1.7455	26.55	7.6125	1.7013
26.06	7.9424	1.7446	26.56	7.6059	1.7004
26.07	7.9355	1.7437	26.57	7.5994	1.6996
26.08	7.9285	1.7428	26.58	7.5929	1.6987
26.09	7.9216	1.7419	26.59	7.5864	1.6978
26.10	7.9147	1.7410	26.60	7.5799	1.6970
26.11	7.9078	1.7401	26.61	7.5734	1.6961
26.12	7.9009	1.7392	26.62	7.5669	1.6953
26.13	7.8940	1.7383	26.63	7.5605	1.6944
26.14	7.8871	1.7374	26.64	7.5540	1.6935
26.15	7.8803	1.7365	26.65	7.5476	1.6927
26.16	7.8734	1.7356	26.66	7.5411	1.6918
26.17	7.8666	1.7347	26.67	7.5347	1.6910
26.18	7.8597	1.7338	26.68	7.5282	1.6901
26.19	7.8529	1.7329	26.69	7.5218	1.6893
26.20	7.8461	1.7320	26.70	7.5154	1.6884
26.21	7.8392	1.7311	26.71	7.5090	1.6876
26.22	7.8324	1.7303	26.72	7.5026	1.6867
26.23	7.8256	1.7294	26.73	7.4962	1.6859
26.24	7.8188	1.7285	26.74	7.4898	1.6850
26.25	7.8121	1.7276	26.75	7.4835	1.6841
26.26	7.8053	1.7267	26.76	7.4771	1.6833
26.27	7.7985	1.7258	26.77	7.4707	1.6824
26.28	7.7918	1.7249	26.78	7.4644	1.6816
26.29	7.7850	1.7240	26.79	7.4581	1.6808
26.30	7.7783	1.7232	26.80	7.4517	1.6799
26.31	7.7715	1.7223	26.81	7.4454	1.6791
26.32	7.7648	1.7214	26.82	7.4391	1.6782
26.33	7.7581	1.7205	26.83	7.4328	1.6774
26.34	7.7514	1.7196	26.84	7.4265	1.6765
26.35	7.7447	1.7188	26.85	7.4202	1.6757
26.36	7.7380	1.7179	26.86	7.4139	1.6748
26.37	7.7313	1.7170	26.87	7.4076	1.6740
26.38	7.7246	1.7161	26.88	7.4013	1.6732
26.39	7.7180	1.7152	26.89	7.3951	1.6723
26.40	7.7113	1.7144	26.90	7.3888	1.6715
26.41	7.7047	1.7135	26.91	7.3826	1.6706
26.42	7.6980	1.7126	26.92	7.3763	1.6698
26.43	7.6914	1.7117	26.93	7.3701	1.6690
26.44	7.6848	1.7109	26.94	7.3639	1.6681
26.45	7.6782	1.7100	26.95	7.3576	1.6673
26.46	7.6716	1.7091	26.96	7.3514	1.6665
26.47	7.6650	1.7082	26.97	7.3452	1.6656
26.48	7.6584	1.7074	26.98	7.3390	1.6648
26.49	7.6518	1.7065	26.99	7.3329	1.6640

THETA	L-P I	L-P II	THETA	L-P I	L-P II
27.00	7.3267	1.6631	27.50	7.0272	1.6224
27.01	7.3205	1.6623	27.51	7.0214	1.6216
27.02	7.3143	1.6615	27.52	7.0156	1.6208
27.03	7.3082	1.6606	27.53	7.0098	1.6200
27.04	7.3020	1.6598	27.54	7.0040	1.6192
27.05	7.2959	1.6590	27.55	6.9982	1.6184
27.06	7.2898	1.6581	27.56	6.9925	1.6176
27.07	7.2836	1.6573	27.57	6.9867	1.6168
27.08	7.2775	1.6565	27.58	6.9810	1.6160
27.09	7.2714	1.6557	27.59	6.9752	1.6153
27.10	7.2653	1.6548	27.60	6.9695	1.6145
27.11	7.2592	1.6540	27.61	6.9637	1.6137
27.12	7.2531	1.6532	27.62	6.9580	1.6129
27.13	7.2470	1.6524	27.63	6.9523	1.6121
27.14	7.2410	1.6515	27.64	6.9466	1.6113
27.15	7.2349	1.6507	27.65	6.9409	1.6105
27.16	7.2288	1.6499	27.66	6.9352	1.6097
27.17	7.2228	1.6491	27.67	6.9295	1.6089
27.18	7.2167	1.6483	27.68	6.9238	1.6082
27.19	7.2107	1.6474	27.69	6.9181	1.6074
27.20	7.2047	1.6466	27.70	6.9124	1.6066
27.21	7.1986	1.6458	27.71	6.9068	1.6058
27.22	7.1926	1.6450	27.72	6.9011	1.6050
27.23	7.1866	1.6442	27.73	6.8955	1.6042
27.24	7.1806	1.6434	27.74	6.8898	1.6035
27.25	7.1746	1.6425	27.75	6.8842	1.6027
27.26	7.1686	1.6417	27.76	6.8785	1.6019
27.27	7.1627	1.6409	27.77	6.8729	1.6011
27.28	7.1567	1.6401	27.78	6.8673	1.6004
27.29	7.1507	1.6393	27.79	6.8617	1.5996
27.30	7.1448	1.6385	27.80	6.8561	1.5988
27.31	7.1388	1.6377	27.81	6.8505	1.5980
27.32	7.1329	1.6369	27.82	6.8449	1.5972
27.33	7.1270	1.6360	27.83	6.8393	1.5965
27.34	7.1210	1.6352	27.84	6.8338	1.5957
27.35	7.1151	1.6344	27.85	6.8282	1.5949
27.36	7.1092	1.6336	27.86	6.8226	1.5941
27.37	7.1033	1.6328	27.87	6.8171	1.5934
27.38	7.0974	1.6320	27.88	6.8115	1.5926
27.39	7.0915	1.6312	27.89	6.8060	1.5918
27.40	7.0856	1.6304	27.90	6.8004	1.5911
27.41	7.0798	1.6296	27.91	6.7949	1.5903
27.42	7.0739	1.6288	27.92	6.7894	1.5895
27.43	7.0680	1.6280	27.93	6.7839	1.5888
27.44	7.0622	1.6272	27.94	6.7784	1.5880
27.45	7.0563	1.6264	27.95	6.7729	1.5872
27.46	7.0505	1.6256	27.96	6.7674	1.5865
27.47	7.0446	1.6248	27.97	6.7619	1.5857
27.48	7.0388	1.6240	27.98	6.7564	1.5849
27.49	7.0330	1.6232	27.99	6.7509	1.5842

THETA	L-P I	L-P II	THETA	L-P I	L-P II
28.00	6.7455	1.5834	28.50	6.4803	1.5461
28.01	6.7400	1.5826	28.51	6.4751	1.5453
28.02	6.7345	1.5819	28.52	6.4700	1.5446
28.03	6.7291	1.5811	28.53	6.4649	1.5439
28.04	6.7236	1.5804	28.54	6.4597	1.5431
28.05	6.7182	1.5796	28.55	6.4546	1.5424
28.06	6.7128	1.5788	28.56	6.4495	1.5417
28.07	6.7074	1.5781	28.57	6.4444	1.5410
28.08	6.7019	1.5773	28.58	6.4393	1.5402
28.09	6.6965	1.5766	28.59	6.4342	1.5395
28.10	6.6911	1.5758	28.60	6.4291	1.5388
28.11	6.6857	1.5750	28.61	6.4240	1.5381
28.12	6.6803	1.5743	28.62	6.4190	1.5373
28.13	6.6750	1.5735	28.63	6.4139	1.5366
28.14	6.6696	1.5728	28.64	6.4088	1.5359
28.15	6.6642	1.5720	28.65	6.4038	1.5352
28.16	6.6588	1.5713	28.66	6.3987	1.5344
28.17	6.6535	1.5705	28.67	6.3937	1.5337
28.18	6.6481	1.5698	28.68	6.3886	1.5330
28.19	6.6428	1.5690	28.69	6.3836	1.5323
28.20	6.6375	1.5683	28.70	6.3786	1.5316
28.21	6.6321	1.5675	28.71	6.3735	1.5309
28.22	6.6268	1.5668	28.72	6.3685	1.5301
28.23	6.6215	1.5660	28.73	6.3635	1.5294
28.24	6.6162	1.5653	28.74	6.3585	1.5287
28.25	6.6109	1.5645	28.75	6.3535	1.5280
28.26	6.6056	1.5638	28.76	6.3485	1.5273
28.27	6.6003	1.5630	28.77	6.3435	1.5266
28.28	6.5950	1.5623	28.78	6.3386	1.5258
28.29	6.5897	1.5615	28.79	6.3336	1.5251
28.30	6.5844	1.5608	28.80	6.3286	1.5244
28.31	6.5792	1.5601	28.81	6.3237	1.5237
28.32	6.5739	1.5593	28.82	6.3187	1.5230
28.33	6.5686	1.5586	28.83	6.3138	1.5223
28.34	6.5634	1.5578	28.84	6.3088	1.5216
28.35	6.5581	1.5571	28.85	6.3039	1.5209
28.36	6.5529	1.5563	28.86	6.2990	1.5202
28.37	6.5477	1.5556	28.87	6.2940	1.5195
28.38	6.5425	1.5549	28.88	6.2891	1.5187
28.39	6.5372	1.5541	28.89	6.2842	1.5180
28.40	6.5320	1.5534	28.90	6.2793	1.5173
28.41	6.5268	1.5527	28.91	6.2744	1.5166
28.42	6.5216	1.5519	28.92	6.2695	1.5159
28.43	6.5164	1.5512	28.93	6.2646	1.5152
28.44	6.5112	1.5505	28.94	6.2597	1.5145
28.45	6.5061	1.5497	28.95	6.2548	1.5138
28.46	6.5009	1.5490	28.96	6.2500	1.5131
28.47	6.4957	1.5483	28.97	6.2451	1.5124
28.48	6.4906	1.5475	28.98	6.2402	1.5117
28.49	6.4854	1.5468	28.99	6.2354	1.5110

THETA	L-P I	L-P II	THETA	L-P I	L-P II
29.00	6.2305	1.5103	29.50	5.9952	1.4761
29.01	6.2257	1.5096	29.51	5.9907	1.4754
29.02	6.2208	1.5089	29.52	5.9861	1.4748
29.03	6.2160	1.5082	29.53	5.9816	1.4741
29.04	6.2112	1.5075	29.54	5.9770	1.4734
29.05	6.2064	1.5068	29.55	5.9725	1.4728
29.06	6.2015	1.5061	29.56	5.9679	1.4721
29.07	6.1967	1.5054	29.57	5.9634	1.4714
29.08	6.1919	1.5047	29.58	5.9589	1.4708
29.09	6.1871	1.5040	29.59	5.9544	1.4701
29.10	6.1823	1.5033	29.60	5.9498	1.4694
29.11	6.1776	1.5027	29.61	5.9453	1.4688
29.12	6.1728	1.5020	29.62	5.9408	1.4681
29.13	6.1680	1.5013	29.63	5.9363	1.4675
29.14	6.1632	1.5006	29.64	5.9318	1.4668
29.15	6.1585	1.4999	29.65	5.9273	1.4661
29.16	6.1537	1.4992	29.66	5.9229	1.4655
29.17	6.1490	1.4985	29.67	5.9184	1.4648
29.18	6.1442	1.4978	29.68	5.9139	1.4642
29.19	6.1395	1.4971	29.69	5.9094	1.4635
29.20	6.1347	1.4964	29.70	5.9050	1.4628
29.21	6.1300	1.4958	29.71	5.9005	1.4622
29.22	6.1253	1.4951	29.72	5.8961	1.4615
29.23	6.1206	1.4944	29.73	5.8916	1.4609
29.24	6.1158	1.4937	29.74	5.8872	1.4602
29.25	6.1111	1.4930	29.75	5.8827	1.4596
29.26	6.1064	1.4923	29.76	5.8783	1.4589
29.27	6.1017	1.4916	29.77	5.8739	1.4582
29.28	6.0970	1.4910	29.78	5.8695	1.4576
29.29	6.0924	1.4903	29.79	5.8650	1.4569
29.30	6.0877	1.4896	29.80	5.8606	1.4563
29.31	6.0830	1.4889	29.81	5.8562	1.4556
29.32	6.0783	1.4882	29.82	5.8518	1.4550
29.33	6.0737	1.4876	29.83	5.8474	1.4543
29.34	6.0690	1.4869	29.84	5.8430	1.4537
29.35	6.0644	1.4862	29.85	5.8387	1.4530
29.36	6.0597	1.4855	29.86	5.8343	1.4524
29.37	6.0551	1.4848	29.87	5.8299	1.4517
29.38	6.0504	1.4842	29.88	5.8255	1.4511
29.39	6.0458	1.4835	29.89	5.8212	1.4505
29.40	6.0412	1.4828	29.90	5.8168	1.4498
29.41	6.0366	1.4821	29.91	5.8125	1.4492
29.42	6.0320	1.4815	29.92	5.8081	1.4485
29.43	6.0273	1.4808	29.93	5.8038	1.4479
29.44	6.0227	1.4801	29.94	5.7994	1.4472
29.45	6.0181	1.4795	29.95	5.7951	1.4466
29.46	6.0136	1.4788	29.96	5.7908	1.4459
29.47	6.0090	1.4781	29.97	5.7864	1.4453
29.48	6.0044	1.4774	29.98	5.7821	1.4447
29.49	5.9998	1.4768	29.99	5.7778	1.4440

THETA	L-P I	L-P II	THETA	L-P I	L-P II
30.00	5.7735	1.4434	30.50	5.5645	1.4121
30.01	5.7692	1.4427	30.51	5.5604	1.4115
30.02	5.7649	1.4421	30.52	5.5564	1.4109
30.03	5.7606	1.4415	30.53	5.5523	1.4103
30.04	5.7563	1.4408	30.54	5.5483	1.4096
30.05	5.7520	1.4402	30.55	5.5442	1.4090
30.06	5.7478	1.4395	30.56	5.5402	1.4084
30.07	5.7435	1.4389	30.57	5.5362	1.4078
30.08	5.7392	1.4383	30.58	5.5321	1.4072
30.09	5.7350	1.4376	30.59	5.5281	1.4066
30.10	5.7307	1.4370	30.60	5.5241	1.4060
30.11	5.7265	1.4364	30.61	5.5201	1.4054
30.12	5.7222	1.4357	30.62	5.5161	1.4048
30.13	5.7180	1.4351	30.63	5.5121	1.4042
30.14	5.7137	1.4345	30.64	5.5081	1.4036
30.15	5.7095	1.4338	30.65	5.5041	1.4030
30.16	5.7053	1.4332	30.66	5.5001	1.4024
30.17	5.7010	1.4326	30.67	5.4961	1.4018
30.18	5.6968	1.4319	30.68	5.4922	1.4012
30.19	5.6926	1.4313	30.69	5.4882	1.4006
30.20	5.6884	1.4307	30.70	5.4842	1.4000
30.21	5.6842	1.4301	30.71	5.4803	1.3994
30.22	5.6800	1.4294	30.72	5.4763	1.3988
30.23	5.6758	1.4288	30.73	5.4724	1.3982
30.24	5.6716	1.4282	30.74	5.4684	1.3976
30.25	5.6674	1.4276	30.75	5.4645	1.3970
30.26	5.6633	1.4269	30.76	5.4605	1.3964
30.27	5.6591	1.4263	30.77	5.4566	1.3958
30.28	5.6549	1.4257	30.78	5.4527	1.3952
30.29	5.6508	1.4251	30.79	5.4487	1.3946
30.30	5.6466	1.4244	30.80	5.4448	1.3940
30.31	5.6425	1.4238	30.81	5.4409	1.3934
30.32	5.6383	1.4232	30.82	5.4370	1.3928
30.33	5.6342	1.4226	30.83	5.4331	1.3922
30.34	5.6300	1.4219	30.84	5.4292	1.3916
30.35	5.6259	1.4213	30.85	5.4253	1.3910
30.36	5.6218	1.4207	30.86	5.4214	1.3904
30.37	5.6176	1.4201	30.87	5.4175	1.3898
30.38	5.6135	1.4195	30.88	5.4136	1.3892
30.39	5.6094	1.4189	30.89	5.4097	1.3887
30.40	5.6053	1.4182	30.90	5.4058	1.3881
30.41	5.6012	1.4176	30.91	5.4020	1.3875
30.42	5.5971	1.4170	30.92	5.3981	1.3869
30.43	5.5930	1.4164	30.93	5.3942	1.3863
30.44	5.5889	1.4158	30.94	5.3904	1.3857
30.45	5.5848	1.4152	30.95	5.3865	1.3851
30.46	5.5807	1.4145	30.96	5.3827	1.3845
30.47	5.5767	1.4139	30.97	5.3788	1.3839
30.48	5.5726	1.4133	30.98	5.3750	1.3834
30.49	5.5685	1.4127	30.99	5.3712	1.3828

THETA	L-P I	L-P II	THETA	L-P I	L-P II
31.00	5.3673	1.3822	31.50	5.1814	1.3536
31.01	5.3635	1.3816	31.51	5.1778	1.3531
31.02	5.3597	1.3810	31.52	5.1742	1.3525
31.03	5.3559	1.3804	31.53	5.1706	1.3520
31.04	5.3521	1.3799	31.54	5.1670	1.3514
31.05	5.3483	1.3793	31.55	5.1634	1.3509
31.06	5.3445	1.3787	31.56	5.1598	1.3503
31.07	5.3407	1.3781	31.57	5.1563	1.3498
31.08	5.3369	1.3775	31.58	5.1527	1.3492
31.09	5.3331	1.3770	31.59	5.1491	1.3486
31.10	5.3293	1.3764	31.60	5.1455	1.3481
31.11	5.3255	1.3758	31.61	5.1420	1.3475
31.12	5.3217	1.3752	31.62	5.1384	1.3470
31.13	5.3180	1.3746	31.63	5.1349	1.3464
31.14	5.3142	1.3741	31.64	5.1313	1.3459
31.15	5.3104	1.3735	31.65	5.1278	1.3453
31.16	5.3067	1.3729	31.66	5.1242	1.3448
31.17	5.3029	1.3723	31.67	5.1207	1.3442
31.18	5.2992	1.3718	31.68	5.1171	1.3437
31.19	5.2954	1.3712	31.69	5.1136	1.3431
31.20	5.2917	1.3706	31.70	5.1101	1.3426
31.21	5.2879	1.3700	31.71	5.1065	1.3420
31.22	5.2842	1.3695	31.72	5.1030	1.3415
31.23	5.2805	1.3689	31.73	5.0995	1.3410
31.24	5.2768	1.3683	31.74	5.0960	1.3404
31.25	5.2730	1.3678	31.75	5.0925	1.3399
31.26	5.2693	1.3672	31.76	5.0890	1.3393
31.27	5.2656	1.3666	31.77	5.0855	1.3388
31.28	5.2619	1.3660	31.78	5.0820	1.3382
31.29	5.2582	1.3655	31.79	5.0785	1.3377
31.30	5.2545	1.3649	31.80	5.0750	1.3371
31.31	5.2508	1.3643	31.81	5.0715	1.3366
31.32	5.2471	1.3638	31.82	5.0680	1.3361
31.33	5.2434	1.3632	31.83	5.0646	1.3355
31.34	5.2397	1.3626	31.84	5.0611	1.3350
31.35	5.2361	1.3621	31.85	5.0576	1.3344
31.36	5.2324	1.3615	31.86	5.0542	1.3339
31.37	5.2287	1.3609	31.87	5.0507	1.3334
31.38	5.2251	1.3604	31.88	5.0472	1.3328
31.39	5.2214	1.3598	31.89	5.0438	1.3323
31.40	5.2178	1.3592	31.90	5.0403	1.3318
31.41	5.2141	1.3587	31.91	5.0369	1.3312
31.42	5.2105	1.3581	31.92	5.0335	1.3307
31.43	5.2068	1.3576	31.93	5.0300	1.3301
31.44	5.2032	1.3570	31.94	5.0266	1.3296
31.45	5.1995	1.3564	31.95	5.0232	1.3291
31.46	5.1959	1.3559	31.96	5.0197	1.3285
31.47	5.1923	1.3553	31.97	5.0163	1.3280
31.48	5.1887	1.3548	31.98	5.0129	1.3275
31.49	5.1850	1.3542	31.99	5.0095	1.3269

THETA	L-P I	L-P II	THETA	L-P I	L-P II
32.00	5.0061	1.3264	32.50	4.8407	1.3004
32.01	5.0027	1.3259	32.51	4.8375	1.2999
32.02	4.9993	1.3253	32.52	4.8343	1.2994
32.03	4.9959	1.3248	32.53	4.8311	1.2989
32.04	4.9925	1.3243	32.54	4.8279	1.2984
32.05	4.9891	1.3238	32.55	4.8247	1.2979
32.06	4.9857	1.3232	32.56	4.8215	1.2974
32.07	4.9823	1.3227	32.57	4.8183	1.2969
32.08	4.9790	1.3222	32.58	4.8151	1.2964
32.09	4.9756	1.3216	32.59	4.8119	1.2959
32.10	4.9722	1.3211	32.60	4.8087	1.2954
32.11	4.9689	1.3206	32.61	4.8056	1.2949
32.12	4.9655	1.3201	32.62	4.8024	1.2944
32.13	4.9621	1.3195	32.63	4.7992	1.2939
32.14	4.9588	1.3190	32.64	4.7961	1.2934
32.15	4.9554	1.3185	32.65	4.7929	1.2929
32.16	4.9521	1.3180	32.66	4.7898	1.2924
32.17	4.9488	1.3174	32.67	4.7866	1.2919
32.18	4.9454	1.3169	32.68	4.7835	1.2914
32.19	4.9421	1.3164	32.69	4.7803	1.2909
32.20	4.9388	1.3159	32.70	4.7772	1.2904
32.21	4.9354	1.3154	32.71	4.7740	1.2899
32.22	4.9321	1.3148	32.72	4.7709	1.2894
32.23	4.9288	1.3143	32.73	4.7678	1.2889
32.24	4.9255	1.3138	32.74	4.7647	1.2884
32.25	4.9222	1.3133	32.75	4.7615	1.2879
32.26	4.9189	1.3128	32.76	4.7584	1.2874
32.27	4.9156	1.3122	32.77	4.7553	1.2869
32.28	4.9123	1.3117	32.78	4.7522	1.2865
32.29	4.9090	1.3112	32.79	4.7491	1.2860
32.30	4.9057	1.3107	32.80	4.7460	1.2855
32.31	4.9024	1.3102	32.81	4.7429	1.2850
32.32	4.8991	1.3096	32.82	4.7398	1.2845
32.33	4.8958	1.3091	32.83	4.7367	1.2840
32.34	4.8926	1.3086	32.84	4.7336	1.2835
32.35	4.8893	1.3081	32.85	4.7305	1.2830
32.36	4.8860	1.3076	32.86	4.7274	1.2825
32.37	4.8828	1.3071	32.87	4.7244	1.2820
32.38	4.8795	1.3066	32.88	4.7213	1.2815
32.39	4.8762	1.3061	32.89	4.7182	1.2811
32.40	4.8730	1.3055	32.90	4.7151	1.2806
32.41	4.8697	1.3050	32.91	4.7121	1.2801
32.42	4.8665	1.3045	32.92	4.7090	1.2796
32.43	4.8633	1.3040	32.93	4.7060	1.2791
32.44	4.8600	1.3035	32.94	4.7029	1.2786
32.45	4.8568	1.3030	32.95	4.6999	1.2781
32.46	4.8536	1.3025	32.96	4.6968	1.2777
32.47	4.8503	1.3020	32.97	4.6938	1.2772
32.48	4.8471	1.3015	32.98	4.6907	1.2767
32.49	4.8439	1.3010	32.99	4.6877	1.2762

THETA	L-P I	L-P II	THETA	L-P I	L-P II
33.00	4.6847	1.2757	33.50	4.5375	1.2522
33.01	4.6816	1.2752	33.51	4.5347	1.2518
33.02	4.6786	1.2748	33.52	4.5318	1.2513
33.03	4.6756	1.2743	33.53	4.5290	1.2508
33.04	4.6726	1.2738	33.54	4.5261	1.2504
33.05	4.6696	1.2733	33.55	4.5233	1.2499
33.06	4.6666	1.2728	33.56	4.5205	1.2495
33.07	4.6635	1.2724	33.57	4.5176	1.2490
33.08	4.6605	1.2719	33.58	4.5148	1.2486
33.09	4.6575	1.2714	33.59	4.5120	1.2481
33.10	4.6546	1.2709	33.60	4.5091	1.2477
33.11	4.6516	1.2705	33.61	4.5063	1.2472
33.12	4.6486	1.2700	33.62	4.5035	1.2468
33.13	4.6456	1.2695	33.63	4.5007	1.2463
33.14	4.6426	1.2690	33.64	4.4979	1.2458
33.15	4.6396	1.2685	33.65	4.4951	1.2454
33.16	4.6366	1.2681	33.66	4.4922	1.2449
33.17	4.6337	1.2676	33.67	4.4894	1.2445
33.18	4.6307	1.2671	33.68	4.4866	1.2440
33.19	4.6277	1.2667	33.69	4.4838	1.2436
33.20	4.6248	1.2662	33.70	4.4811	1.2431
33.21	4.6218	1.2657	33.71	4.4783	1.2427
33.22	4.6189	1.2652	33.72	4.4755	1.2422
33.23	4.6159	1.2648	33.73	4.4727	1.2418
33.24	4.6130	1.2643	33.74	4.4699	1.2414
33.25	4.6100	1.2638	33.75	4.4671	1.2409
33.26	4.6071	1.2634	33.76	4.4644	1.2405
33.27	4.6041	1.2629	33.77	4.4616	1.2400
33.28	4.6012	1.2624	33.78	4.4588	1.2396
33.29	4.5983	1.2619	33.79	4.4561	1.2391
33.30	4.5954	1.2615	33.80	4.4533	1.2387
33.31	4.5924	1.2610	33.81	4.4506	1.2382
33.32	4.5895	1.2605	33.82	4.4478	1.2378
33.33	4.5866	1.2601	33.83	4.4450	1.2373
33.34	4.5837	1.2596	33.84	4.4423	1.2369
33.35	4.5808	1.2591	33.85	4.4396	1.2365
33.36	4.5779	1.2587	33.86	4.4368	1.2360
33.37	4.5750	1.2582	33.87	4.4341	1.2356
33.38	4.5721	1.2578	33.88	4.4313	1.2351
33.39	4.5692	1.2573	33.89	4.4286	1.2347
33.40	4.5663	1.2568	33.90	4.4259	1.2343
33.41	4.5634	1.2564	33.91	4.4232	1.2338
33.42	4.5605	1.2559	33.92	4.4204	1.2334
33.43	4.5576	1.2554	33.93	4.4177	1.2329
33.44	4.5547	1.2550	33.94	4.4150	1.2325
33.45	4.5519	1.2545	33.95	4.4123	1.2321
33.46	4.5490	1.2541	33.96	4.4096	1.2316
33.47	4.5461	1.2536	33.97	4.4069	1.2312
33.48	4.5433	1.2531	33.98	4.4042	1.2308
33.49	4.5404	1.2527	33.99	4.4015	1.2303

THETA	L-P I	L-P II	THETA	L-P I	L-P II
34.00	4.3988	1.2299	34.50	4.2680	1.2087
34.01	4.3961	1.2295	34.51	4.2655	1.2083
34.02	4.3934	1.2290	34.52	4.2629	1.2079
34.03	4.3907	1.2286	34.53	4.2604	1.2075
34.04	4.3880	1.2281	34.54	4.2579	1.2071
34.05	4.3854	1.2277	34.55	4.2553	1.2067
34.06	4.3827	1.2273	34.56	4.2528	1.2062
34.07	4.3800	1.2269	34.57	4.2503	1.2058
34.08	4.3773	1.2264	34.58	4.2478	1.2054
34.09	4.3747	1.2260	34.59	4.2453	1.2050
34.10	4.3720	1.2256	34.60	4.2428	1.2046
34.11	4.3693	1.2251	34.61	4.2402	1.2042
34.12	4.3667	1.2247	34.62	4.2377	1.2038
34.13	4.3640	1.2243	34.63	4.2352	1.2034
34.14	4.3614	1.2238	34.64	4.2327	1.2030
34.15	4.3587	1.2234	34.65	4.2302	1.2026
34.16	4.3561	1.2230	34.66	4.2278	1.2022
34.17	4.3534	1.2226	34.67	4.2253	1.2018
34.18	4.3508	1.2221	34.68	4.2228	1.2014
34.19	4.3482	1.2217	34.69	4.2203	1.2010
34.20	4.3455	1.2213	34.70	4.2178	1.2006
34.21	4.3429	1.2209	34.71	4.2153	1.2002
34.22	4.3403	1.2204	34.72	4.2129	1.1998
34.23	4.3377	1.2200	34.73	4.2104	1.1993
34.24	4.3350	1.2196	34.74	4.2079	1.1989
34.25	4.3324	1.2192	34.75	4.2055	1.1985
34.26	4.3298	1.2187	34.76	4.2030	1.1981
34.27	4.3272	1.2183	34.77	4.2005	1.1977
34.28	4.3246	1.2179	34.78	4.1981	1.1973
34.29	4.3220	1.2175	34.79	4.1956	1.1969
34.30	4.3194	1.2170	34.80	4.1932	1.1965
34.31	4.3168	1.2166	34.81	4.1907	1.1961
34.32	4.3142	1.2162	34.82	4.1883	1.1958
34.33	4.3116	1.2158	34.83	4.1858	1.1954
34.34	4.3090	1.2154	34.84	4.1834	1.1950
34.35	4.3064	1.2149	34.85	4.1810	1.1946
34.36	4.3038	1.2145	34.86	4.1785	1.1942
34.37	4.3013	1.2141	34.87	4.1761	1.1938
34.38	4.2987	1.2137	34.88	4.1737	1.1934
34.39	4.2961	1.2133	34.89	4.1712	1.1930
34.40	4.2935	1.2129	34.90	4.1688	1.1926
34.41	4.2910	1.2124	34.91	4.1664	1.1922
34.42	4.2884	1.2120	34.92	4.1640	1.1918
34.43	4.2858	1.2116	34.93	4.1616	1.1914
34.44	4.2833	1.2112	34.94	4.1591	1.1910
34.45	4.2807	1.2108	34.95	4.1567	1.1906
34.46	4.2782	1.2104	34.96	4.1543	1.1902
34.47	4.2756	1.2099	34.97	4.1519	1.1898
34.48	4.2731	1.2095	34.98	4.1495	1.1894
34.49	4.2705	1.2091	34.99	4.1471	1.1891

THETA	L-P I	L-P II	THETA	L-P I	L-P II
35.00	4.1447	1.1887	35.50	4.0286	1.1697
35.01	4.1424	1.1883	35.51	4.0264	1.1694
35.02	4.1400	1.1879	35.52	4.0241	1.1690
35.03	4.1376	1.1875	35.53	4.0219	1.1686
35.04	4.1352	1.1871	35.54	4.0197	1.1683
35.05	4.1328	1.1867	35.55	4.0174	1.1679
35.06	4.1304	1.1863	35.56	4.0152	1.1675
35.07	4.1281	1.1859	35.57	4.0129	1.1672
35.08	4.1257	1.1856	35.58	4.0107	1.1668
35.09	4.1233	1.1852	35.59	4.0085	1.1664
35.10	4.1210	1.1848	35.60	4.0063	1.1661
35.11	4.1186	1.1844	35.61	4.0040	1.1657
35.12	4.1162	1.1840	35.62	4.0018	1.1653
35.13	4.1139	1.1836	35.63	3.9996	1.1650
35.14	4.1115	1.1832	35.64	3.9974	1.1646
35.15	4.1092	1.1829	35.65	3.9952	1.1643
35.16	4.1068	1.1825	35.66	3.9929	1.1639
35.17	4.1045	1.1821	35.67	3.9907	1.1635
35.18	4.1021	1.1817	35.68	3.9885	1.1632
35.19	4.0998	1.1813	35.69	3.9863	1.1628
35.20	4.0975	1.1810	35.70	3.9841	1.1625
35.21	4.0951	1.1806	35.71	3.9819	1.1621
35.22	4.0928	1.1802	35.72	3.9797	1.1617
35.23	4.0905	1.1798	35.73	3.9775	1.1614
35.24	4.0881	1.1794	35.74	3.9754	1.1610
35.25	4.0858	1.1791	35.75	3.9732	1.1607
35.26	4.0835	1.1787	35.76	3.9710	1.1603
35.27	4.0812	1.1783	35.77	3.9688	1.1599
35.28	4.0789	1.1779	35.78	3.9666	1.1596
35.29	4.0766	1.1775	35.79	3.9644	1.1592
35.30	4.0742	1.1772	35.80	3.9623	1.1589
35.31	4.0719	1.1768	35.81	3.9601	1.1585
35.32	4.0696	1.1764	35.82	3.9579	1.1582
35.33	4.0673	1.1760	35.83	3.9558	1.1578
35.34	4.0650	1.1757	35.84	3.9536	1.1575
35.35	4.0627	1.1753	35.85	3.9514	1.1571
35.36	4.0605	1.1749	35.86	3.9493	1.1568
35.37	4.0582	1.1745	35.87	3.9471	1.1564
35.38	4.0559	1.1742	35.88	3.9450	1.1561
35.39	4.0536	1.1738	35.89	3.9428	1.1557
35.40	4.0513	1.1734	35.90	3.9407	1.1554
35.41	4.0490	1.1731	35.91	3.9385	1.1550
35.42	4.0468	1.1727	35.92	3.9364	1.1547
35.43	4.0445	1.1723	35.93	3.9343	1.1543
35.44	4.0422	1.1719	35.94	3.9321	1.1540
35.45	4.0399	1.1716	35.95	3.9300	1.1536
35.46	4.0377	1.1712	35.96	3.9279	1.1533
35.47	4.0354	1.1708	35.97	3.9257	1.1529
35.48	4.0332	1.1705	35.98	3.9236	1.1526
35.49	4.0309	1.1701	35.99	3.9215	1.1522

THETA	L-P I	L-P II	THETA	L-P I	L-P II
36.00	3.9194	1.1519	36.50	3.8165	1.1351
36.01	3.9172	1.1515	36.51	3.8145	1.1348
36.02	3.9151	1.1512	36.52	3.8125	1.1344
36.03	3.9130	1.1508	36.53	3.8106	1.1341
36.04	3.9109	1.1505	36.54	3.8086	1.1338
36.05	3.9088	1.1501	36.55	3.8066	1.1335
36.06	3.9067	1.1498	36.56	3.8046	1.1331
36.07	3.9046	1.1495	36.57	3.8026	1.1328
36.08	3.9025	1.1491	36.58	3.8007	1.1325
36.09	3.9004	1.1488	36.59	3.7987	1.1322
36.10	3.8983	1.1484	36.60	3.7967	1.1318
36.11	3.8962	1.1481	36.61	3.7947	1.1315
36.12	3.8941	1.1477	36.62	3.7928	1.1312
36.13	3.8920	1.1474	36.63	3.7908	1.1309
36.14	3.8899	1.1471	36.64	3.7889	1.1306
36.15	3.8878	1.1467	36.65	3.7869	1.1302
36.16	3.8858	1.1464	36.66	3.7849	1.1299
36.17	3.8837	1.1460	36.67	3.7830	1.1296
36.18	3.8816	1.1457	36.68	3.7810	1.1293
36.19	3.8795	1.1454	36.69	3.7791	1.1290
36.20	3.8775	1.1450	36.70	3.7771	1.1287
36.21	3.8754	1.1447	36.71	3.7752	1.1283
36.22	3.8733	1.1444	36.72	3.7733	1.1280
36.23	3.8713	1.1440	36.73	3.7713	1.1277
36.24	3.8692	1.1437	36.74	3.7694	1.1274
36.25	3.8672	1.1433	36.75	3.7674	1.1271
36.26	3.8651	1.1430	36.76	3.7655	1.1268
36.27	3.8630	1.1427	36.77	3.7636	1.1264
36.28	3.8610	1.1423	36.78	3.7617	1.1261
36.29	3.8589	1.1420	36.79	3.7597	1.1258
36.30	3.8569	1.1417	36.80	3.7578	1.1255
36.31	3.8549	1.1413	36.81	3.7559	1.1252
36.32	3.8528	1.1410	36.82	3.7540	1.1249
36.33	3.8508	1.1407	36.83	3.7521	1.1246
36.34	3.8487	1.1403	36.84	3.7501	1.1243
36.35	3.8467	1.1400	36.85	3.7482	1.1240
36.36	3.8447	1.1397	36.86	3.7463	1.1236
36.37	3.8427	1.1393	36.87	3.7444	1.1233
36.38	3.8406	1.1390	36.88	3.7425	1.1230
36.39	3.8386	1.1387	36.89	3.7406	1.1227
36.40	3.8366	1.1384	36.90	3.7387	1.1224
36.41	3.8346	1.1380	36.91	3.7368	1.1221
36.42	3.8326	1.1377	36.92	3.7349	1.1218
36.43	3.8305	1.1374	36.93	3.7330	1.1215
36.44	3.8285	1.1370	36.94	3.7312	1.1212
36.45	3.8265	1.1367	36.95	3.7293	1.1209
36.46	3.8245	1.1364	36.96	3.7274	1.1206
36.47	3.8225	1.1361	36.97	3.7255	1.1203
36.48	3.8205	1.1357	36.98	3.7236	1.1199
36.49	3.8185	1.1354	36.99	3.7217	1.1196

THETA	L-P I	L-P II	THETA	L-P I	L-P II
37.00	3.7199	1.1193	37.50	3.6291	1.1046
37.01	3.7180	1.1190	37.51	3.6273	1.1043
37.02	3.7161	1.1187	37.52	3.6256	1.1041
37.03	3.7143	1.1184	37.53	3.6238	1.1038
37.04	3.7124	1.1181	37.54	3.6221	1.1035
37.05	3.7105	1.1178	37.55	3.6203	1.1032
37.06	3.7087	1.1175	37.56	3.6186	1.1029
37.07	3.7068	1.1172	37.57	3.6166	1.1026
37.08	3.7050	1.1169	37.58	3.6151	1.1024
37.09	3.7031	1.1166	37.59	3.6134	1.1021
37.10	3.7013	1.1163	37.60	3.6116	1.1018
37.11	3.6994	1.1160	37.61	3.6099	1.1015
37.12	3.6976	1.1157	37.62	3.6082	1.1012
37.13	3.6957	1.1154	37.63	3.6064	1.1010
37.14	3.6939	1.1151	37.64	3.6047	1.1007
37.15	3.6920	1.1148	37.65	3.6030	1.1004
37.16	3.6902	1.1145	37.66	3.6012	1.1001
37.17	3.6884	1.1142	37.67	3.5995	1.0999
37.18	3.6865	1.1139	37.68	3.5978	1.0996
37.19	3.6847	1.1136	37.69	3.5961	1.0993
37.20	3.6829	1.1133	37.70	3.5944	1.0990
37.21	3.6810	1.1130	37.71	3.5927	1.0988
37.22	3.6792	1.1127	37.72	3.5909	1.0985
37.23	3.6774	1.1124	37.73	3.5892	1.0982
37.24	3.6756	1.1121	37.74	3.5875	1.0979
37.25	3.6738	1.1119	37.75	3.5858	1.0977
37.26	3.6720	1.1116	37.76	3.5841	1.0974
37.27	3.6701	1.1113	37.77	3.5824	1.0971
37.28	3.6683	1.1110	37.78	3.5807	1.0968
37.29	3.6665	1.1107	37.79	3.5790	1.0966
37.30	3.6647	1.1104	37.80	3.5773	1.0963
37.31	3.6629	1.1101	37.81	3.5757	1.0960
37.32	3.6611	1.1098	37.82	3.5740	1.0957
37.33	3.6593	1.1095	37.83	3.5723	1.0955
37.34	3.6575	1.1092	37.84	3.5706	1.0952
37.35	3.6557	1.1089	37.85	3.5689	1.0949
37.36	3.6539	1.1086	37.86	3.5672	1.0947
37.37	3.6521	1.1084	37.87	3.5656	1.0944
37.38	3.6504	1.1081	37.88	3.5639	1.0941
37.39	3.6486	1.1078	37.89	3.5622	1.0939
37.40	3.6468	1.1075	37.90	3.5605	1.0936
37.41	3.6450	1.1072	37.91	3.5589	1.0933
37.42	3.6432	1.1069	37.92	3.5572	1.0931
37.43	3.6415	1.1066	37.93	3.5555	1.0928
37.44	3.6397	1.1063	37.94	3.5539	1.0925
37.45	3.6379	1.1061	37.95	3.5522	1.0923
37.46	3.6361	1.1058	37.96	3.5505	1.0920
37.47	3.6344	1.1055	37.97	3.5489	1.0917
37.48	3.6326	1.1052	37.98	3.5472	1.0915
37.49	3.6309	1.1049	37.99	3.5456	1.0912

THETA	L-P I	L-P II	THETA	L-P I	L-P II
38.00	3.5439	1.0909	38.50	3.4641	1.0782
38.01	3.5423	1.0907	38.51	3.4626	1.0780
38.02	3.5406	1.0904	38.52	3.4611	1.0778
38.03	3.5390	1.0901	38.53	3.4595	1.0775
38.04	3.5374	1.0899	38.54	3.4580	1.0773
38.05	3.5357	1.0896	38.55	3.4564	1.0770
38.06	3.5341	1.0894	38.56	3.4549	1.0768
38.07	3.5324	1.0891	38.57	3.4534	1.0765
38.08	3.5308	1.0888	38.58	3.4519	1.0763
38.09	3.5292	1.0886	38.59	3.4503	1.0761
38.10	3.5276	1.0883	38.60	3.4488	1.0758
38.11	3.5259	1.0881	38.61	3.4473	1.0756
38.12	3.5243	1.0878	38.62	3.4458	1.0753
38.13	3.5227	1.0875	38.63	3.4442	1.0751
38.14	3.5211	1.0873	38.64	3.4427	1.0749
38.15	3.5194	1.0870	38.65	3.4412	1.0746
38.16	3.5178	1.0868	38.66	3.4397	1.0744
38.17	3.5162	1.0865	38.67	3.4382	1.0741
38.18	3.5146	1.0862	38.68	3.4367	1.0739
38.19	3.5130	1.0860	38.69	3.4352	1.0737
38.20	3.5114	1.0857	38.70	3.4337	1.0734
38.21	3.5098	1.0855	38.71	3.4322	1.0732
38.22	3.5082	1.0852	38.72	3.4307	1.0730
38.23	3.5066	1.0850	38.73	3.4292	1.0727
38.24	3.5050	1.0847	38.74	3.4277	1.0725
38.25	3.5034	1.0845	38.75	3.4262	1.0723
38.26	3.5018	1.0842	38.76	3.4247	1.0720
38.27	3.5002	1.0840	38.77	3.4232	1.0718
38.28	3.4986	1.0837	38.78	3.4217	1.0716
38.29	3.4970	1.0834	38.79	3.4202	1.0713
38.30	3.4954	1.0832	38.80	3.4187	1.0711
38.31	3.4938	1.0829	38.81	3.4173	1.0709
38.32	3.4923	1.0827	38.82	3.4158	1.0706
38.33	3.4907	1.0824	38.83	3.4143	1.0704
38.34	3.4891	1.0822	38.84	3.4128	1.0702
38.35	3.4875	1.0819	38.85	3.4114	1.0699
38.36	3.4860	1.0817	38.86	3.4099	1.0697
38.37	3.4844	1.0814	38.87	3.4084	1.0695
38.38	3.4828	1.0812	38.88	3.4069	1.0693
38.39	3.4812	1.0809	38.89	3.4055	1.0690
38.40	3.4797	1.0807	38.90	3.4040	1.0688
38.41	3.4781	1.0804	38.91	3.4025	1.0686
38.42	3.4766	1.0802	38.92	3.4011	1.0683
38.43	3.4750	1.0800	38.93	3.3996	1.0681
38.44	3.4734	1.0797	38.94	3.3982	1.0679
38.45	3.4719	1.0795	38.95	3.3967	1.0677
38.46	3.4703	1.0792	38.96	3.3953	1.0674
38.47	3.4688	1.0790	38.97	3.3938	1.0672
38.48	3.4672	1.0787	38.98	3.3924	1.0670
38.49	3.4657	1.0785	38.99	3.3909	1.0668

THETA	L-P I	L-P II	THETA	L-P I	L-P II
39.00	3.3895	1.0665	39.50	3.3197	1.0558
39.01	3.3880	1.0663	39.51	3.3184	1.0556
39.02	3.3866	1.0661	39.52	3.3170	1.0554
39.03	3.3852	1.0659	39.53	3.3157	1.0552
39.04	3.3837	1.0656	39.54	3.3144	1.0550
39.05	3.3823	1.0654	39.55	3.3130	1.0548
39.06	3.3809	1.0652	39.56	3.3117	1.0546
39.07	3.3794	1.0650	39.57	3.3104	1.0544
39.08	3.3780	1.0648	39.58	3.3090	1.0542
39.09	3.3766	1.0645	39.59	3.3077	1.0540
39.10	3.3751	1.0643	39.60	3.3064	1.0538
39.11	3.3737	1.0641	39.61	3.3050	1.0536
39.12	3.3723	1.0639	39.62	3.3037	1.0534
39.13	3.3709	1.0637	39.63	3.3024	1.0532
39.14	3.3695	1.0634	39.64	3.3011	1.0530
39.15	3.3680	1.0632	39.65	3.2997	1.0528
39.16	3.3666	1.0630	39.66	3.2984	1.0526
39.17	3.3652	1.0628	39.67	3.2971	1.0524
39.18	3.3638	1.0626	39.68	3.2958	1.0522
39.19	3.3624	1.0623	39.69	3.2945	1.0520
39.20	3.3610	1.0621	39.70	3.2932	1.0518
39.21	3.3596	1.0619	39.71	3.2919	1.0516
39.22	3.3582	1.0617	39.72	3.2906	1.0514
39.23	3.3568	1.0615	39.73	3.2893	1.0512
39.24	3.3554	1.0613	39.74	3.2880	1.0510
39.25	3.3540	1.0610	39.75	3.2866	1.0508
39.26	3.3526	1.0608	39.76	3.2854	1.0506
39.27	3.3512	1.0606	39.77	3.2841	1.0504
39.28	3.3498	1.0604	39.78	3.2828	1.0502
39.29	3.3484	1.0602	39.79	3.2815	1.0500
39.30	3.3471	1.0600	39.80	3.2802	1.0498
39.31	3.3457	1.0598	39.81	3.2789	1.0496
39.32	3.3443	1.0596	39.82	3.2776	1.0494
39.33	3.3429	1.0593	39.83	3.2763	1.0493
39.34	3.3415	1.0591	39.84	3.2750	1.0491
39.35	3.3402	1.0589	39.85	3.2737	1.0489
39.36	3.3388	1.0587	39.86	3.2725	1.0487
39.37	3.3374	1.0585	39.87	3.2712	1.0485
39.38	3.3360	1.0583	39.88	3.2699	1.0483
39.39	3.3347	1.0581	39.89	3.2686	1.0481
39.40	3.3333	1.0579	39.90	3.2674	1.0479
39.41	3.3319	1.0577	39.91	3.2661	1.0477
39.42	3.3306	1.0575	39.92	3.2648	1.0475
39.43	3.3292	1.0572	39.93	3.2635	1.0474
39.44	3.3279	1.0570	39.94	3.2623	1.0472
39.45	3.3265	1.0568	39.95	3.2610	1.0470
39.46	3.3251	1.0566	39.96	3.2597	1.0468
39.47	3.3238	1.0564	39.97	3.2585	1.0466
39.48	3.3224	1.0562	39.98	3.2572	1.0464
39.49	3.3211	1.0560	39.99	3.2560	1.0462

THETA	L-P I	L-P II	THETA	L-P I	L-P II
40.00	3.2547	1.0460	40.50	3.1942	1.0372
40.01	3.2535	1.0459	40.51	3.1931	1.0371
40.02	3.2522	1.0457	40.52	3.1919	1.0369
40.03	3.2510	1.0455	40.53	3.1907	1.0367
40.04	3.2497	1.0453	40.54	3.1896	1.0366
40.05	3.2485	1.0451	40.55	3.1884	1.0364
40.06	3.2472	1.0449	40.56	3.1873	1.0362
40.07	3.2460	1.0448	40.57	3.1861	1.0361
40.08	3.2447	1.0446	40.58	3.1850	1.0359
40.09	3.2435	1.0444	40.59	3.1838	1.0358
40.10	3.2423	1.0442	40.60	3.1827	1.0356
40.11	3.2410	1.0440	40.61	3.1815	1.0354
40.12	3.2398	1.0438	40.62	3.1804	1.0353
40.13	3.2386	1.0437	40.63	3.1792	1.0351
40.14	3.2373	1.0435	40.64	3.1781	1.0349
40.15	3.2361	1.0433	40.65	3.1769	1.0348
40.16	3.2349	1.0431	40.66	3.1758	1.0346
40.17	3.2337	1.0429	40.67	3.1747	1.0345
40.18	3.2324	1.0428	40.68	3.1735	1.0343
40.19	3.2312	1.0426	40.69	3.1724	1.0341
40.20	3.2300	1.0424	40.70	3.1713	1.0340
40.21	3.2288	1.0422	40.71	3.1701	1.0338
40.22	3.2276	1.0421	40.72	3.1690	1.0337
40.23	3.2263	1.0419	40.73	3.1679	1.0335
40.24	3.2251	1.0417	40.74	3.1667	1.0334
40.25	3.2239	1.0415	40.75	3.1656	1.0332
40.26	3.2227	1.0413	40.76	3.1645	1.0330
40.27	3.2215	1.0412	40.77	3.1634	1.0329
40.28	3.2203	1.0410	40.78	3.1623	1.0327
40.29	3.2191	1.0408	40.79	3.1611	1.0326
40.30	3.2179	1.0406	40.80	3.1600	1.0324
40.31	3.2167	1.0405	40.81	3.1589	1.0323
40.32	3.2155	1.0403	40.82	3.1578	1.0321
40.33	3.2143	1.0401	40.83	3.1567	1.0320
40.34	3.2131	1.0400	40.84	3.1556	1.0318
40.35	3.2119	1.0398	40.85	3.1545	1.0316
40.36	3.2107	1.0396	40.86	3.1534	1.0315
40.37	3.2095	1.0394	40.87	3.1523	1.0313
40.38	3.2083	1.0393	40.88	3.1512	1.0312
40.39	3.2072	1.0391	40.89	3.1501	1.0310
40.40	3.2060	1.0389	40.90	3.1490	1.0309
40.41	3.2048	1.0388	40.91	3.1479	1.0307
40.42	3.2036	1.0386	40.92	3.1468	1.0306
40.43	3.2024	1.0384	40.93	3.1457	1.0304
40.44	3.2013	1.0382	40.94	3.1446	1.0303
40.45	3.2001	1.0381	40.95	3.1435	1.0301
40.46	3.1989	1.0379	40.96	3.1424	1.0300
40.47	3.1977	1.0377	40.97	3.1413	1.0298
40.48	3.1966	1.0376	40.98	3.1403	1.0297
40.49	3.1954	1.0374	40.99	3.1392	1.0295

THETA	L-P I	L-P II	THETA	L-P I	L-P II
41.00	3.1381	1.0294	41.50	3.0862	1.0225
41.01	3.1370	1.0292	41.51	3.0852	1.0223
41.02	3.1359	1.0291	41.52	3.0842	1.0222
41.03	3.1349	1.0289	41.53	3.0832	1.0221
41.04	3.1338	1.0288	41.54	3.0822	1.0220
41.05	3.1327	1.0287	41.55	3.0812	1.0218
41.06	3.1316	1.0285	41.56	3.0802	1.0217
41.07	3.1306	1.0284	41.57	3.0792	1.0216
41.08	3.1295	1.0282	41.58	3.0782	1.0215
41.09	3.1284	1.0281	41.59	3.0772	1.0213
41.10	3.1274	1.0279	41.60	3.0763	1.0212
41.11	3.1263	1.0278	41.61	3.0753	1.0211
41.12	3.1253	1.0276	41.62	3.0743	1.0210
41.13	3.1242	1.0275	41.63	3.0733	1.0208
41.14	3.1231	1.0274	41.64	3.0723	1.0207
41.15	3.1221	1.0272	41.65	3.0714	1.0206
41.16	3.1210	1.0271	41.66	3.0704	1.0205
41.17	3.1200	1.0269	41.67	3.0694	1.0203
41.18	3.1189	1.0268	41.68	3.0685	1.0202
41.19	3.1179	1.0266	41.69	3.0675	1.0201
41.20	3.1168	1.0265	41.70	3.0665	1.0200
41.21	3.1158	1.0264	41.71	3.0656	1.0198
41.22	3.1147	1.0262	41.72	3.0646	1.0197
41.23	3.1137	1.0261	41.73	3.0636	1.0196
41.24	3.1126	1.0260	41.74	3.0627	1.0195
41.25	3.1116	1.0258	41.75	3.0617	1.0194
41.26	3.1106	1.0257	41.76	3.0608	1.0192
41.27	3.1095	1.0255	41.77	3.0598	1.0191
41.28	3.1085	1.0254	41.78	3.0588	1.0190
41.29	3.1075	1.0253	41.79	3.0579	1.0189
41.30	3.1064	1.0251	41.80	3.0569	1.0188
41.31	3.1054	1.0250	41.81	3.0560	1.0187
41.32	3.1044	1.0249	41.82	3.0550	1.0185
41.33	3.1034	1.0247	41.83	3.0541	1.0184
41.34	3.1023	1.0246	41.84	3.0532	1.0183
41.35	3.1013	1.0244	41.85	3.0522	1.0182
41.36	3.1003	1.0243	41.86	3.0513	1.0181
41.37	3.0993	1.0242	41.87	3.0503	1.0180
41.38	3.0982	1.0240	41.88	3.0494	1.0178
41.39	3.0972	1.0239	41.89	3.0485	1.0177
41.40	3.0962	1.0238	41.90	3.0475	1.0176
41.41	3.0952	1.0236	41.91	3.0466	1.0175
41.42	3.0942	1.0235	41.92	3.0457	1.0174
41.43	3.0932	1.0234	41.93	3.0447	1.0173
41.44	3.0922	1.0233	41.94	3.0438	1.0172
41.45	3.0912	1.0231	41.95	3.0429	1.0171
41.46	3.0902	1.0230	41.96	3.0419	1.0169
41.47	3.0892	1.0229	41.97	3.0410	1.0168
41.48	3.0882	1.0227	41.98	3.0401	1.0167
41.49	3.0872	1.0226	41.99	3.0392	1.0166

THETA	L-P I	L-P II	THETA	L-P I	L-P II
42.00	3.0383	1.0165	42.50	2.9943	1.0114
42.01	3.0373	1.0164	42.51	2.9934	1.0114
42.02	3.0364	1.0163	42.52	2.9926	1.0113
42.03	3.0355	1.0162	42.53	2.9917	1.0112
42.04	3.0346	1.0161	42.54	2.9909	1.0111
42.05	3.0337	1.0159	42.55	2.9901	1.0110
42.06	3.0328	1.0158	42.56	2.9892	1.0109
42.07	3.0319	1.0157	42.57	2.9884	1.0108
42.08	3.0310	1.0156	42.58	2.9876	1.0107
42.09	3.0301	1.0155	42.59	2.9867	1.0106
42.10	3.0291	1.0154	42.60	2.9859	1.0105
42.11	3.0282	1.0153	42.61	2.9851	1.0105
42.12	3.0273	1.0152	42.62	2.9843	1.0104
42.13	3.0264	1.0151	42.63	2.9834	1.0103
42.14	3.0255	1.0150	42.64	2.9826	1.0102
42.15	3.0247	1.0149	42.65	2.9818	1.0101
42.16	3.0238	1.0148	42.66	2.9810	1.0100
42.17	3.0229	1.0147	42.67	2.9802	1.0099
42.18	3.0220	1.0146	42.68	2.9793	1.0099
42.19	3.0211	1.0145	42.69	2.9785	1.0098
42.20	3.0202	1.0144	42.70	2.9777	1.0097
42.21	3.0193	1.0143	42.71	2.9769	1.0096
42.22	3.0184	1.0142	42.72	2.9761	1.0095
42.23	3.0175	1.0141	42.73	2.9753	1.0094
42.24	3.0167	1.0140	42.74	2.9745	1.0093
42.25	3.0158	1.0139	42.75	2.9737	1.0093
42.26	3.0149	1.0138	42.76	2.9729	1.0092
42.27	3.0140	1.0137	42.77	2.9721	1.0091
42.28	3.0131	1.0136	42.78	2.9713	1.0090
42.29	3.0123	1.0135	42.79	2.9705	1.0089
42.30	3.0114	1.0134	42.80	2.9697	1.0089
42.31	3.0105	1.0133	42.81	2.9689	1.0088
42.32	3.0097	1.0132	42.82	2.9681	1.0087
42.33	3.0088	1.0131	42.83	2.9673	1.0086
42.34	3.0079	1.0130	42.84	2.9665	1.0085
42.35	3.0071	1.0129	42.85	2.9657	1.0085
42.36	3.0062	1.0128	42.86	2.9649	1.0084
42.37	3.0053	1.0127	42.87	2.9641	1.0083
42.38	3.0045	1.0126	42.88	2.9633	1.0082
42.39	3.0036	1.0125	42.89	2.9626	1.0081
42.40	3.0028	1.0124	42.90	2.9618	1.0081
42.41	3.0019	1.0123	42.91	2.9610	1.0080
42.42	3.0010	1.0122	42.92	2.9602	1.0079
42.43	3.0002	1.0121	42.93	2.9594	1.0078
42.44	2.9993	1.0120	42.94	2.9587	1.0078
42.45	2.9985	1.0119	42.95	2.9579	1.0077
42.46	2.9976	1.0118	42.96	2.9571	1.0076
42.47	2.9968	1.0117	42.97	2.9563	1.0075
42.48	2.9959	1.0116	42.98	2.9556	1.0075
42.49	2.9951	1.0115	42.99	2.9548	1.0074

THETA	L-P I	L-P II	THETA	L-P I	L-P II
43.00	2.9540	1.0073	43.50	2.9174	1.0041
43.01	2.9533	1.0072	43.51	2.9167	1.0041
43.02	2.9525	1.0072	43.52	2.9160	1.0040
43.03	2.9517	1.0071	43.53	2.9154	1.0040
43.04	2.9510	1.0070	43.54	2.9147	1.0039
43.05	2.9502	1.0070	43.55	2.9140	1.0038
43.06	2.9494	1.0069	43.56	2.9133	1.0038
43.07	2.9487	1.0068	43.57	2.9126	1.0037
43.08	2.9479	1.0067	43.58	2.9119	1.0037
43.09	2.9472	1.0067	43.59	2.9112	1.0036
43.10	2.9464	1.0066	43.60	2.9105	1.0036
43.11	2.9457	1.0065	43.61	2.9099	1.0035
43.12	2.9449	1.0065	43.62	2.9092	1.0035
43.13	2.9442	1.0064	43.63	2.9085	1.0034
43.14	2.9434	1.0063	43.64	2.9078	1.0034
43.15	2.9427	1.0063	43.65	2.9072	1.0033
43.16	2.9419	1.0062	43.66	2.9065	1.0033
43.17	2.9412	1.0061	43.67	2.9058	1.0032
43.18	2.9404	1.0061	43.68	2.9051	1.0032
43.19	2.9397	1.0060	43.69	2.9045	1.0031
43.20	2.9390	1.0059	43.70	2.9038	1.0031
43.21	2.9382	1.0059	43.71	2.9031	1.0030
43.22	2.9375	1.0058	43.72	2.9025	1.0030
43.23	2.9367	1.0057	43.73	2.9018	1.0029
43.24	2.9360	1.0057	43.74	2.9011	1.0029
43.25	2.9353	1.0056	43.75	2.9005	1.0029
43.26	2.9346	1.0055	43.76	2.8998	1.0028
43.27	2.9338	1.0055	43.77	2.8992	1.0028
43.28	2.9331	1.0054	43.78	2.8985	1.0027
43.29	2.9324	1.0053	43.79	2.8978	1.0027
43.30	2.9316	1.0053	43.80	2.8972	1.0026
43.31	2.9309	1.0052	43.81	2.8965	1.0026
43.32	2.9302	1.0052	43.82	2.8959	1.0025
43.33	2.9295	1.0051	43.83	2.8952	1.0025
43.34	2.9288	1.0050	43.84	2.8946	1.0025
43.35	2.9280	1.0050	43.85	2.8939	1.0024
43.36	2.9273	1.0049	43.86	2.8933	1.0024
43.37	2.9266	1.0049	43.87	2.8926	1.0023
43.38	2.9259	1.0048	43.88	2.8920	1.0023
43.39	2.9252	1.0047	43.89	2.8914	1.0023
43.40	2.9245	1.0047	43.90	2.8907	1.0022
43.41	2.9238	1.0046	43.91	2.8901	1.0022
43.42	2.9231	1.0046	43.92	2.8894	1.0021
43.43	2.9223	1.0045	43.93	2.8888	1.0021
43.44	2.9216	1.0045	43.94	2.8882	1.0021
43.45	2.9209	1.0044	43.95	2.8875	1.0020
43.46	2.9202	1.0043	43.96	2.8869	1.0020
43.47	2.9195	1.0043	43.97	2.8863	1.0019
43.48	2.9188	1.0042	43.98	2.8856	1.0019
43.49	2.9181	1.0042	43.99	2.8850	1.0019

THETA	L-P I	L-P II	THETA	L-P I	L-P II
44.00	2.8844	1.0018	44.50	2.8547	1.0005
44.01	2.8838	1.0018	44.51	2.8542	1.0004
44.02	2.8831	1.0018	44.52	2.8536	1.0004
44.03	2.8825	1.0017	44.53	2.8531	1.0004
44.04	2.8819	1.0017	44.54	2.8525	1.0004
44.05	2.8813	1.0017	44.55	2.8520	1.0004
44.06	2.8806	1.0016	44.56	2.8514	1.0004
44.07	2.8800	1.0016	44.57	2.8509	1.0003
44.08	2.8794	1.0015	44.58	2.8503	1.0003
44.09	2.8788	1.0015	44.59	2.8498	1.0003
44.10	2.8782	1.0015	44.60	2.8492	1.0003
44.11	2.8776	1.0014	44.61	2.8487	1.0003
44.12	2.8770	1.0014	44.62	2.8481	1.0003
44.13	2.8763	1.0014	44.63	2.8476	1.0003
44.14	2.8757	1.0014	44.64	2.8470	1.0002
44.15	2.8751	1.0013	44.65	2.8465	1.0002
44.16	2.8745	1.0013	44.66	2.8460	1.0002
44.17	2.8739	1.0013	44.67	2.8454	1.0002
44.18	2.8733	1.0012	44.68	2.8449	1.0002
44.19	2.8727	1.0012	44.69	2.8444	1.0002
44.20	2.8721	1.0012	44.70	2.8438	1.0002
44.21	2.8715	1.0011	44.71	2.8433	1.0002
44.22	2.8709	1.0011	44.72	2.8428	1.0001
44.23	2.8703	1.0011	44.73	2.8422	1.0001
44.24	2.8697	1.0011	44.74	2.8417	1.0001
44.25	2.8691	1.0010	44.75	2.8412	1.0001
44.26	2.8685	1.0010	44.76	2.8406	1.0001
44.27	2.8680	1.0010	44.77	2.8401	1.0001
44.28	2.8674	1.0009	44.78	2.8396	1.0001
44.29	2.8668	1.0009	44.79	2.8391	1.0001
44.30	2.8662	1.0009	44.80	2.8386	1.0001
44.31	2.8656	1.0009	44.81	2.8380	1.0001
44.32	2.8650	1.0008	44.82	2.8375	1.0001
44.33	2.8644	1.0008	44.83	2.8370	1.0001
44.34	2.8639	1.0008	44.84	2.8365	1.0000
44.35	2.8633	1.0008	44.85	2.8360	1.0000
44.36	2.8627	1.0007	44.86	2.8355	1.0000
44.37	2.8621	1.0007	44.87	2.8350	1.0000
44.38	2.8615	1.0007	44.88	2.8344	1.0000
44.39	2.8610	1.0007	44.89	2.8339	1.0000
44.40	2.8604	1.0007	44.90	2.8334	1.0000
44.41	2.8598	1.0006	44.91	2.8329	1.0000
44.42	2.8593	1.0006	44.92	2.8324	1.0000
44.43	2.8587	1.0006	44.93	2.8319	1.0000
44.44	2.8581	1.0006	44.94	2.8314	1.0000
44.45	2.8576	1.0006	44.95	2.8309	1.0000
44.46	2.8570	1.0005	44.96	2.8304	1.0000
44.47	2.8564	1.0005	44.97	2.8299	1.0000
44.48	2.8559	1.0005	44.98	2.8294	1.0000
44.49	2.8553	1.0005	44.99	2.8289	1.0000

THETA	L-P I	L-P II	THETA	L-P I	L-P II
45.00	2.8284	1.0000	45.50	2.8053	1.0005
45.01	2.8279	1.0000	45.51	2.8049	1.0005
45.02	2.8274	1.0000	45.52	2.8045	1.0005
45.03	2.8270	1.0000	45.53	2.8041	1.0005
45.04	2.8265	1.0000	45.54	2.8036	1.0005
45.05	2.8260	1.0000	45.55	2.8032	1.0006
45.06	2.8255	1.0000	45.56	2.8028	1.0006
45.07	2.8250	1.0000	45.57	2.8024	1.0006
45.08	2.8245	1.0000	45.58	2.8019	1.0006
45.09	2.8240	1.0000	45.59	2.8015	1.0006
45.10	2.8236	1.0000	45.60	2.8011	1.0007
45.11	2.8231	1.0000	45.61	2.8007	1.0007
45.12	2.8226	1.0000	45.62	2.8003	1.0007
45.13	2.8221	1.0000	45.63	2.7999	1.0007
45.14	2.8216	1.0000	45.64	2.7995	1.0007
45.15	2.8212	1.0000	45.65	2.7990	1.0008
45.16	2.8207	1.0000	45.66	2.7986	1.0008
45.17	2.8202	1.0001	45.67	2.7982	1.0008
45.18	2.8198	1.0001	45.68	2.7978	1.0008
45.19	2.8193	1.0001	45.69	2.7974	1.0009
45.20	2.8188	1.0001	45.70	2.7970	1.0009
45.21	2.8183	1.0001	45.71	2.7966	1.0009
45.22	2.8179	1.0001	45.72	2.7962	1.0009
45.23	2.8174	1.0001	45.73	2.7958	1.0010
45.24	2.8170	1.0001	45.74	2.7954	1.0010
45.25	2.8165	1.0001	45.75	2.7950	1.0010
45.26	2.8160	1.0001	45.76	2.7946	1.0011
45.27	2.8156	1.0001	45.77	2.7942	1.0011
45.28	2.8151	1.0001	45.78	2.7938	1.0011
45.29	2.8147	1.0002	45.79	2.7934	1.0011
45.30	2.8142	1.0002	45.80	2.7930	1.0012
45.31	2.8137	1.0002	45.81	2.7926	1.0012
45.32	2.8133	1.0002	45.82	2.7922	1.0012
45.33	2.8128	1.0002	45.83	2.7918	1.0013
45.34	2.8124	1.0002	45.84	2.7915	1.0013
45.35	2.8119	1.0002	45.85	2.7911	1.0013
45.36	2.8115	1.0002	45.86	2.7907	1.0014
45.37	2.8110	1.0003	45.87	2.7903	1.0014
45.38	2.8106	1.0003	45.88	2.7899	1.0014
45.39	2.8102	1.0003	45.89	2.7895	1.0014
45.40	2.8097	1.0003	45.90	2.7891	1.0015
45.41	2.8093	1.0003	45.91	2.7888	1.0015
45.42	2.8088	1.0003	45.92	2.7884	1.0015
45.43	2.8084	1.0003	45.93	2.7880	1.0016
45.44	2.8079	1.0004	45.94	2.7876	1.0016
45.45	2.8075	1.0004	45.95	2.7873	1.0016
45.46	2.8071	1.0004	45.96	2.7869	1.0017
45.47	2.8066	1.0004	45.97	2.7865	1.0017
45.48	2.8062	1.0004	45.98	2.7861	1.0018
45.49	2.8058	1.0004	45.99	2.7858	1.0018

THETA	L-P I	L-P II	THETA	L-P I	L-P II
46.00	2.7854	1.0018	46.50	2.7685	1.0041
46.01	2.7850	1.0019	46.51	2.7682	1.0042
46.02	2.7847	1.0019	46.52	2.7679	1.0042
46.03	2.7843	1.0019	46.53	2.7676	1.0043
46.04	2.7839	1.0020	46.54	2.7673	1.0043
46.05	2.7836	1.0020	46.55	2.7670	1.0044
46.06	2.7832	1.0021	46.56	2.7667	1.0045
46.07	2.7829	1.0021	46.57	2.7664	1.0045
46.08	2.7825	1.0021	46.58	2.7661	1.0046
46.09	2.7822	1.0022	46.59	2.7658	1.0046
46.10	2.7818	1.0022	46.60	2.7655	1.0047
46.11	2.7814	1.0023	46.61	2.7652	1.0047
46.12	2.7811	1.0023	46.62	2.7649	1.0048
46.13	2.7807	1.0023	46.63	2.7647	1.0049
46.14	2.7804	1.0024	46.64	2.7644	1.0049
46.15	2.7800	1.0024	46.65	2.7641	1.0050
46.16	2.7797	1.0025	46.66	2.7638	1.0050
46.17	2.7793	1.0025	46.67	2.7635	1.0051
46.18	2.7790	1.0025	46.68	2.7632	1.0052
46.19	2.7786	1.0026	46.69	2.7629	1.0052
46.20	2.7783	1.0026	46.70	2.7626	1.0053
46.21	2.7780	1.0027	46.71	2.7624	1.0053
46.22	2.7776	1.0027	46.72	2.7621	1.0054
46.23	2.7773	1.0028	46.73	2.7618	1.0055
46.24	2.7769	1.0028	46.74	2.7615	1.0055
46.25	2.7766	1.0029	46.75	2.7612	1.0056
46.26	2.7763	1.0029	46.76	2.7610	1.0057
46.27	2.7759	1.0029	46.77	2.7607	1.0057
46.28	2.7756	1.0030	46.78	2.7604	1.0058
46.29	2.7753	1.0030	46.79	2.7601	1.0059
46.30	2.7749	1.0031	46.80	2.7599	1.0059
46.31	2.7746	1.0031	46.81	2.7596	1.0060
46.32	2.7743	1.0032	46.82	2.7593	1.0061
46.33	2.7739	1.0032	46.83	2.7591	1.0061
46.34	2.7736	1.0033	46.84	2.7588	1.0062
46.35	2.7733	1.0033	46.85	2.7585	1.0063
46.36	2.7730	1.0034	46.86	2.7583	1.0063
46.37	2.7726	1.0034	46.87	2.7580	1.0064
46.38	2.7723	1.0035	46.88	2.7577	1.0065
46.39	2.7720	1.0035	46.89	2.7575	1.0065
46.40	2.7717	1.0036	46.90	2.7572	1.0066
46.41	2.7714	1.0036	46.91	2.7570	1.0067
46.42	2.7710	1.0037	46.92	2.7567	1.0067
46.43	2.7707	1.0037	46.93	2.7564	1.0068
46.44	2.7704	1.0038	46.94	2.7562	1.0069
46.45	2.7701	1.0038	46.95	2.7559	1.0070
46.46	2.7698	1.0039	46.96	2.7557	1.0070
46.47	2.7695	1.0040	46.97	2.7554	1.0071
46.48	2.7692	1.0040	46.98	2.7552	1.0072
46.49	2.7689	1.0041	46.99	2.7549	1.0072

THETA	L-P I	L-P II	THETA	L-P I	L-P II
47.00	2.7547	1.0073	47.50	2.7437	1.0114
47.01	2.7544	1.0074	47.51	2.7435	1.0115
47.02	2.7542	1.0075	47.52	2.7434	1.0116
47.03	2.7539	1.0075	47.53	2.7432	1.0117
47.04	2.7537	1.0076	47.54	2.7430	1.0118
47.05	2.7534	1.0077	47.55	2.7428	1.0119
47.06	2.7532	1.0078	47.56	2.7426	1.0120
47.07	2.7530	1.0078	47.57	2.7424	1.0121
47.08	2.7527	1.0079	47.58	2.7422	1.0122
47.09	2.7525	1.0080	47.59	2.7421	1.0123
47.10	2.7523	1.0081	47.60	2.7419	1.0124
47.11	2.7520	1.0081	47.61	2.7417	1.0125
47.12	2.7518	1.0082	47.62	2.7415	1.0126
47.13	2.7515	1.0083	47.63	2.7414	1.0127
47.14	2.7513	1.0084	47.64	2.7412	1.0128
47.15	2.7511	1.0085	47.65	2.7410	1.0129
47.16	2.7509	1.0085	47.66	2.7408	1.0130
47.17	2.7506	1.0086	47.67	2.7407	1.0131
47.18	2.7504	1.0087	47.68	2.7405	1.0132
47.19	2.7502	1.0088	47.69	2.7403	1.0133
47.20	2.7499	1.0089	47.70	2.7402	1.0134
47.21	2.7497	1.0089	47.71	2.7400	1.0135
47.22	2.7495	1.0090	47.72	2.7398	1.0136
47.23	2.7493	1.0091	47.73	2.7397	1.0137
47.24	2.7491	1.0092	47.74	2.7395	1.0138
47.25	2.7488	1.0093	47.75	2.7393	1.0139
47.26	2.7486	1.0093	47.76	2.7392	1.0140
47.27	2.7484	1.0094	47.77	2.7390	1.0141
47.28	2.7482	1.0095	47.78	2.7389	1.0142
47.29	2.7480	1.0096	47.79	2.7387	1.0143
47.30	2.7478	1.0097	47.80	2.7385	1.0144
47.31	2.7475	1.0098	47.81	2.7384	1.0145
47.32	2.7473	1.0099	47.82	2.7382	1.0146
47.33	2.7471	1.0099	47.83	2.7381	1.0147
47.34	2.7469	1.0100	47.84	2.7379	1.0148
47.35	2.7467	1.0101	47.85	2.7378	1.0149
47.36	2.7465	1.0102	47.86	2.7376	1.0150
47.37	2.7463	1.0103	47.87	2.7375	1.0151
47.38	2.7461	1.0104	47.88	2.7373	1.0152
47.39	2.7459	1.0105	47.89	2.7372	1.0153
47.40	2.7457	1.0105	47.90	2.7370	1.0154
47.41	2.7455	1.0106	47.91	2.7369	1.0155
47.42	2.7453	1.0107	47.92	2.7368	1.0156
47.43	2.7451	1.0108	47.93	2.7366	1.0157
47.44	2.7449	1.0109	47.94	2.7365	1.0158
47.45	2.7447	1.0110	47.95	2.7363	1.0159
47.46	2.7445	1.0111	47.96	2.7362	1.0161
47.47	2.7443	1.0112	47.97	2.7361	1.0162
47.48	2.7441	1.0113	47.98	2.7359	1.0163
47.49	2.7439	1.0114	47.99	2.7358	1.0164

THETA	L-P I	L-P II	THETA	L-P I	L-P II
48.00	2.7357	1.0165	48.50	2.7304	1.0225
48.01	2.7355	1.0166	48.51	2.7303	1.0226
48.02	2.7354	1.0167	48.52	2.7302	1.0227
48.03	2.7353	1.0168	48.53	2.7302	1.0229
48.04	2.7351	1.0169	48.54	2.7301	1.0230
48.05	2.7350	1.0171	48.55	2.7300	1.0231
48.06	2.7349	1.0172	48.56	2.7300	1.0233
48.07	2.7348	1.0173	48.57	2.7299	1.0234
48.08	2.7346	1.0174	48.58	2.7298	1.0235
48.09	2.7345	1.0175	48.59	2.7297	1.0236
48.10	2.7344	1.0176	48.60	2.7297	1.0238
48.11	2.7343	1.0177	48.61	2.7296	1.0239
48.12	2.7341	1.0178	48.62	2.7295	1.0240
48.13	2.7340	1.0180	48.63	2.7295	1.0242
48.14	2.7339	1.0181	48.64	2.7294	1.0243
48.15	2.7338	1.0182	48.65	2.7294	1.0244
48.16	2.7337	1.0183	48.66	2.7293	1.0246
48.17	2.7336	1.0184	48.67	2.7292	1.0247
48.18	2.7334	1.0185	48.68	2.7292	1.0249
48.19	2.7333	1.0187	48.69	2.7291	1.0250
48.20	2.7332	1.0188	48.70	2.7291	1.0251
48.21	2.7331	1.0189	48.71	2.7290	1.0253
48.22	2.7330	1.0190	48.72	2.7290	1.0254
48.23	2.7329	1.0191	48.73	2.7289	1.0255
48.24	2.7328	1.0192	48.74	2.7289	1.0257
48.25	2.7327	1.0194	48.75	2.7288	1.0258
48.26	2.7326	1.0195	48.76	2.7288	1.0260
48.27	2.7325	1.0196	48.77	2.7287	1.0261
48.28	2.7324	1.0197	48.78	2.7287	1.0262
48.29	2.7323	1.0198	48.79	2.7286	1.0264
48.30	2.7322	1.0200	48.80	2.7286	1.0265
48.31	2.7321	1.0201	48.81	2.7285	1.0266
48.32	2.7320	1.0202	48.82	2.7285	1.0268
48.33	2.7319	1.0203	48.83	2.7284	1.0269
48.34	2.7318	1.0205	48.84	2.7284	1.0271
48.35	2.7317	1.0206	48.85	2.7284	1.0272
48.36	2.7316	1.0207	48.86	2.7283	1.0274
48.37	2.7315	1.0208	48.87	2.7283	1.0275
48.38	2.7314	1.0210	48.88	2.7283	1.0276
48.39	2.7313	1.0211	48.89	2.7282	1.0278
48.40	2.7312	1.0212	48.90	2.7282	1.0279
48.41	2.7311	1.0213	48.91	2.7281	1.0281
48.42	2.7311	1.0215	48.92	2.7281	1.0282
48.43	2.7310	1.0216	48.93	2.7281	1.0284
48.44	2.7309	1.0217	48.94	2.7281	1.0285
48.45	2.7308	1.0218	48.95	2.7280	1.0287
48.46	2.7307	1.0220	48.96	2.7280	1.0288
48.47	2.7306	1.0221	48.97	2.7280	1.0289
48.48	2.7306	1.0222	48.98	2.7279	1.0291
48.49	2.7305	1.0223	48.99	2.7279	1.0292

THETA	L-P I	L-P II	THETA	L-P I	L-P II
49.00	2.7279	1.0294	49.50	2.7281	1.0372
49.01	2.7279	1.0295	49.51	2.7282	1.0374
49.02	2.7279	1.0297	49.52	2.7282	1.0376
49.03	2.7278	1.0298	49.53	2.7282	1.0377
49.04	2.7278	1.0300	49.54	2.7283	1.0379
49.05	2.7278	1.0301	49.55	2.7283	1.0381
49.06	2.7278	1.0303	49.56	2.7283	1.0382
49.07	2.7278	1.0304	49.57	2.7284	1.0384
49.08	2.7278	1.0306	49.58	2.7284	1.0386
49.09	2.7277	1.0307	49.59	2.7285	1.0388
49.10	2.7277	1.0309	49.60	2.7285	1.0389
49.11	2.7277	1.0310	49.61	2.7285	1.0391
49.12	2.7277	1.0312	49.62	2.7286	1.0393
49.13	2.7277	1.0313	49.63	2.7286	1.0394
49.14	2.7277	1.0315	49.64	2.7287	1.0396
49.15	2.7277	1.0316	49.65	2.7287	1.0398
49.16	2.7277	1.0318	49.66	2.7288	1.0400
49.17	2.7277	1.0320	49.67	2.7288	1.0401
49.18	2.7277	1.0321	49.68	2.7289	1.0403
49.19	2.7277	1.0323	49.69	2.7289	1.0405
49.20	2.7277	1.0324	49.70	2.7290	1.0406
49.21	2.7277	1.0326	49.71	2.7290	1.0408
49.22	2.7277	1.0327	49.72	2.7291	1.0410
49.23	2.7277	1.0329	49.73	2.7291	1.0412
49.24	2.7277	1.0330	49.74	2.7292	1.0413
49.25	2.7277	1.0332	49.75	2.7292	1.0415
49.26	2.7277	1.0334	49.76	2.7293	1.0417
49.27	2.7277	1.0335	49.77	2.7294	1.0419
49.28	2.7277	1.0337	49.78	2.7294	1.0421
49.29	2.7277	1.0338	49.79	2.7295	1.0422
49.30	2.7277	1.0340	49.80	2.7295	1.0424
49.31	2.7277	1.0341	49.81	2.7296	1.0426
49.32	2.7277	1.0343	49.82	2.7297	1.0428
49.33	2.7277	1.0345	49.83	2.7297	1.0429
49.34	2.7278	1.0346	49.84	2.7298	1.0431
49.35	2.7278	1.0348	49.85	2.7299	1.0433
49.36	2.7278	1.0349	49.86	2.7299	1.0435
49.37	2.7278	1.0351	49.87	2.7300	1.0437
49.38	2.7278	1.0353	49.88	2.7301	1.0438
49.39	2.7278	1.0354	49.89	2.7302	1.0440
49.40	2.7279	1.0356	49.90	2.7302	1.0442
49.41	2.7279	1.0358	49.91	2.7303	1.0444
49.42	2.7279	1.0359	49.92	2.7304	1.0446
49.43	2.7279	1.0361	49.93	2.7305	1.0448
49.44	2.7280	1.0362	49.94	2.7305	1.0449
49.45	2.7280	1.0364	49.95	2.7306	1.0451
49.46	2.7280	1.0366	49.96	2.7307	1.0453
49.47	2.7280	1.0367	49.97	2.7308	1.0455
49.48	2.7281	1.0369	49.98	2.7309	1.0457
49.49	2.7281	1.0371	49.99	2.7309	1.0459

THETA	L-P I	L-P II	THETA	L-P I	L-P II
50.00	2.7310	1.0460	50.50	2.7366	1.0558
50.01	2.7311	1.0462	50.51	2.7367	1.0560
50.02	2.7312	1.0464	50.52	2.7369	1.0562
50.03	2.7313	1.0466	50.53	2.7370	1.0564
50.04	2.7314	1.0468	50.54	2.7371	1.0566
50.05	2.7315	1.0470	50.55	2.7373	1.0568
50.06	2.7316	1.0472	50.56	2.7374	1.0570
50.07	2.7316	1.0474	50.57	2.7376	1.0572
50.08	2.7317	1.0475	50.58	2.7377	1.0575
50.09	2.7318	1.0477	50.59	2.7379	1.0577
50.10	2.7319	1.0479	50.60	2.7380	1.0579
50.11	2.7320	1.0481	50.61	2.7382	1.0581
50.12	2.7321	1.0483	50.62	2.7383	1.0583
50.13	2.7322	1.0485	50.63	2.7385	1.0585
50.14	2.7323	1.0487	50.64	2.7386	1.0587
50.15	2.7324	1.0489	50.65	2.7388	1.0589
50.16	2.7325	1.0491	50.66	2.7389	1.0591
50.17	2.7326	1.0493	50.67	2.7391	1.0593
50.18	2.7327	1.0494	50.68	2.7392	1.0596
50.19	2.7328	1.0496	50.69	2.7394	1.0598
50.20	2.7329	1.0498	50.70	2.7395	1.0600
50.21	2.7330	1.0500	50.71	2.7397	1.0602
50.22	2.7331	1.0502	50.72	2.7399	1.0604
50.23	2.7333	1.0504	50.73	2.7400	1.0606
50.24	2.7334	1.0506	50.74	2.7402	1.0608
50.25	2.7335	1.0508	50.75	2.7403	1.0610
50.26	2.7336	1.0510	50.76	2.7405	1.0613
50.27	2.7337	1.0512	50.77	2.7407	1.0615
50.28	2.7338	1.0514	50.78	2.7408	1.0617
50.29	2.7339	1.0516	50.79	2.7410	1.0619
50.30	2.7340	1.0518	50.80	2.7412	1.0621
50.31	2.7342	1.0520	50.81	2.7413	1.0623
50.32	2.7343	1.0522	50.82	2.7415	1.0626
50.33	2.7344	1.0524	50.83	2.7417	1.0628
50.34	2.7345	1.0526	50.84	2.7418	1.0630
50.35	2.7346	1.0528	50.85	2.7420	1.0632
50.36	2.7348	1.0530	50.86	2.7422	1.0634
50.37	2.7349	1.0532	50.87	2.7424	1.0637
50.38	2.7350	1.0534	50.88	2.7425	1.0639
50.39	2.7351	1.0536	50.89	2.7427	1.0641
50.40	2.7353	1.0538	50.90	2.7429	1.0643
50.41	2.7354	1.0540	50.91	2.7431	1.0645
50.42	2.7355	1.0542	50.92	2.7433	1.0648
50.43	2.7356	1.0544	50.93	2.7434	1.0650
50.44	2.7358	1.0546	50.94	2.7436	1.0652
50.45	2.7359	1.0548	50.95	2.7438	1.0654
50.46	2.7360	1.0550	50.96	2.7440	1.0656
50.47	2.7362	1.0552	50.97	2.7442	1.0659
50.48	2.7363	1.0554	50.98	2.7444	1.0661
50.49	2.7364	1.0556	50.99	2.7446	1.0663

THETA	L-P I	L-P II	THETA	L-P I	L-P II
51.00	2.7447	1.0665	51.50	2.7555	1.0782
51.01	2.7449	1.0668	51.51	2.7557	1.0785
51.02	2.7451	1.0670	51.52	2.7560	1.0787
51.03	2.7453	1.0672	51.53	2.7562	1.0790
51.04	2.7455	1.0674	51.54	2.7565	1.0792
51.05	2.7457	1.0677	51.55	2.7567	1.0795
51.06	2.7459	1.0679	51.56	2.7570	1.0797
51.07	2.7461	1.0681	51.57	2.7572	1.0800
51.08	2.7463	1.0683	51.58	2.7575	1.0802
51.09	2.7465	1.0686	51.59	2.7577	1.0804
51.10	2.7467	1.0688	51.60	2.7580	1.0807
51.11	2.7469	1.0690	51.61	2.7582	1.0809
51.12	2.7471	1.0693	51.62	2.7585	1.0812
51.13	2.7473	1.0695	51.63	2.7587	1.0814
51.14	2.7475	1.0697	51.64	2.7590	1.0817
51.15	2.7477	1.0699	51.65	2.7592	1.0819
51.16	2.7479	1.0702	51.66	2.7595	1.0822
51.17	2.7481	1.0704	51.67	2.7597	1.0824
51.18	2.7483	1.0706	51.68	2.7600	1.0827
51.19	2.7485	1.0709	51.69	2.7603	1.0829
51.20	2.7487	1.0711	51.70	2.7605	1.0832
51.21	2.7489	1.0713	51.71	2.7608	1.0834
51.22	2.7492	1.0716	51.72	2.7610	1.0837
51.23	2.7494	1.0718	51.73	2.7613	1.0840
51.24	2.7496	1.0720	51.74	2.7616	1.0842
51.25	2.7498	1.0723	51.75	2.7618	1.0845
51.26	2.7500	1.0725	51.76	2.7621	1.0847
51.27	2.7502	1.0727	51.77	2.7624	1.0850
51.28	2.7504	1.0730	51.78	2.7626	1.0852
51.29	2.7507	1.0732	51.79	2.7629	1.0855
51.30	2.7509	1.0734	51.80	2.7632	1.0857
51.31	2.7511	1.0737	51.81	2.7635	1.0860
51.32	2.7513	1.0739	51.82	2.7637	1.0862
51.33	2.7516	1.0741	51.83	2.7640	1.0865
51.34	2.7518	1.0744	51.84	2.7643	1.0868
51.35	2.7520	1.0746	51.85	2.7646	1.0870
51.36	2.7522	1.0749	51.86	2.7648	1.0873
51.37	2.7525	1.0751	51.87	2.7651	1.0875
51.38	2.7527	1.0753	51.88	2.7654	1.0878
51.39	2.7529	1.0756	51.89	2.7657	1.0881
51.40	2.7531	1.0758	51.90	2.7660	1.0883
51.41	2.7534	1.0761	51.91	2.7662	1.0886
51.42	2.7536	1.0763	51.92	2.7665	1.0888
51.43	2.7538	1.0765	51.93	2.7668	1.0891
51.44	2.7541	1.0768	51.94	2.7671	1.0894
51.45	2.7543	1.0770	51.95	2.7674	1.0896
51.46	2.7545	1.0773	51.96	2.7677	1.0899
51.47	2.7548	1.0775	51.97	2.7680	1.0901
51.48	2.7550	1.0778	51.98	2.7682	1.0904
51.49	2.7553	1.0780	51.99	2.7685	1.0907

THETA	L-P I	L-P II	THETA	L-P I	L-P II
52.00	2.7688	1.0909	52.50	2.7847	1.1046
52.01	2.7691	1.0912	52.51	2.7850	1.1049
52.02	2.7694	1.0915	52.52	2.7854	1.1052
52.03	2.7697	1.0917	52.53	2.7857	1.1055
52.04	2.7700	1.0920	52.54	2.7861	1.1058
52.05	2.7703	1.0923	52.55	2.7864	1.1061
52.06	2.7706	1.0925	52.56	2.7866	1.1063
52.07	2.7709	1.0928	52.57	2.7871	1.1066
52.08	2.7712	1.0931	52.58	2.7875	1.1069
52.09	2.7715	1.0933	52.59	2.7878	1.1072
52.10	2.7718	1.0936	52.60	2.7882	1.1075
52.11	2.7721	1.0939	52.61	2.7885	1.1078
52.12	2.7724	1.0941	52.62	2.7889	1.1081
52.13	2.7727	1.0944	52.63	2.7892	1.1084
52.14	2.7730	1.0947	52.64	2.7896	1.1086
52.15	2.7733	1.0949	52.65	2.7900	1.1089
52.16	2.7736	1.0952	52.66	2.7903	1.1092
52.17	2.7739	1.0955	52.67	2.7907	1.1095
52.18	2.7742	1.0957	52.68	2.7910	1.1098
52.19	2.7746	1.0960	52.69	2.7914	1.1101
52.20	2.7749	1.0963	52.70	2.7918	1.1104
52.21	2.7752	1.0966	52.71	2.7921	1.1107
52.22	2.7755	1.0968	52.72	2.7925	1.1110
52.23	2.7758	1.0971	52.73	2.7929	1.1113
52.24	2.7761	1.0974	52.74	2.7932	1.1116
52.25	2.7764	1.0977	52.75	2.7936	1.1119
52.26	2.7768	1.0979	52.76	2.7940	1.1121
52.27	2.7771	1.0982	52.77	2.7943	1.1124
52.28	2.7774	1.0985	52.78	2.7947	1.1127
52.29	2.7777	1.0988	52.79	2.7951	1.1130
52.30	2.7780	1.0990	52.80	2.7955	1.1133
52.31	2.7784	1.0993	52.81	2.7958	1.1136
52.32	2.7787	1.0996	52.82	2.7962	1.1139
52.33	2.7790	1.0999	52.83	2.7966	1.1142
52.34	2.7793	1.1001	52.84	2.7970	1.1145
52.35	2.7797	1.1004	52.85	2.7973	1.1148
52.36	2.7800	1.1007	52.86	2.7977	1.1151
52.37	2.7803	1.1010	52.87	2.7981	1.1154
52.38	2.7807	1.1012	52.88	2.7985	1.1157
52.39	2.7810	1.1015	52.89	2.7989	1.1160
52.40	2.7813	1.1018	52.90	2.7992	1.1163
52.41	2.7817	1.1021	52.91	2.7996	1.1166
52.42	2.7820	1.1024	52.92	2.8000	1.1169
52.43	2.7823	1.1026	52.93	2.8004	1.1172
52.44	2.7827	1.1029	52.94	2.8008	1.1175
52.45	2.7830	1.1032	52.95	2.8012	1.1178
52.46	2.7833	1.1035	52.96	2.8016	1.1181
52.47	2.7837	1.1038	52.97	2.8019	1.1184
52.48	2.7840	1.1041	52.98	2.8023	1.1187
52.49	2.7844	1.1043	52.99	2.8027	1.1190

THETA	L-P I	L-P II	THETA	L-P I	L-P II
53.00	2.8031	1.1193	53.50	2.8241	1.1351
53.01	2.8035	1.1196	53.51	2.8245	1.1354
53.02	2.8039	1.1199	53.52	2.8250	1.1357
53.03	2.8043	1.1203	53.53	2.8254	1.1361
53.04	2.8047	1.1206	53.54	2.8259	1.1364
53.05	2.8051	1.1209	53.55	2.8263	1.1367
53.06	2.8055	1.1212	53.56	2.8268	1.1370
53.07	2.8059	1.1215	53.57	2.8272	1.1374
53.08	2.8063	1.1218	53.58	2.8277	1.1377
53.09	2.8067	1.1221	53.59	2.8281	1.1380
53.10	2.8071	1.1224	53.60	2.8286	1.1384
53.11	2.8075	1.1227	53.61	2.8290	1.1387
53.12	2.8079	1.1230	53.62	2.8295	1.1390
53.13	2.8083	1.1233	53.63	2.8299	1.1393
53.14	2.8087	1.1236	53.64	2.8304	1.1397
53.15	2.8091	1.1240	53.65	2.8309	1.1400
53.16	2.8096	1.1243	53.66	2.8313	1.1403
53.17	2.8100	1.1246	53.67	2.8318	1.1407
53.18	2.8104	1.1249	53.68	2.8322	1.1410
53.19	2.8108	1.1252	53.69	2.8327	1.1413
53.20	2.8112	1.1255	53.70	2.8332	1.1417
53.21	2.8116	1.1258	53.71	2.8336	1.1420
53.22	2.8120	1.1261	53.72	2.8341	1.1423
53.23	2.8124	1.1264	53.73	2.8346	1.1427
53.24	2.8129	1.1268	53.74	2.8350	1.1430
53.25	2.8133	1.1271	53.75	2.8355	1.1433
53.26	2.8137	1.1274	53.76	2.8360	1.1437
53.27	2.8141	1.1277	53.77	2.8365	1.1440
53.28	2.8145	1.1280	53.78	2.8369	1.1444
53.29	2.8150	1.1283	53.79	2.8374	1.1447
53.30	2.8154	1.1287	53.80	2.8379	1.1450
53.31	2.8158	1.1290	53.81	2.8383	1.1454
53.32	2.8162	1.1293	53.82	2.8388	1.1457
53.33	2.8167	1.1296	53.83	2.8393	1.1460
53.34	2.8171	1.1299	53.84	2.8398	1.1464
53.35	2.8175	1.1302	53.85	2.8403	1.1467
53.36	2.8180	1.1306	53.86	2.8407	1.1471
53.37	2.8184	1.1309	53.87	2.8412	1.1474
53.38	2.8188	1.1312	53.88	2.8417	1.1477
53.39	2.8193	1.1315	53.89	2.8422	1.1481
53.40	2.8197	1.1318	53.90	2.8427	1.1484
53.41	2.8201	1.1322	53.91	2.8432	1.1488
53.42	2.8206	1.1325	53.92	2.8436	1.1491
53.43	2.8210	1.1328	53.93	2.8441	1.1495
53.44	2.8214	1.1331	53.94	2.8446	1.1498
53.45	2.8219	1.1335	53.95	2.8451	1.1501
53.46	2.8223	1.1338	53.96	2.8456	1.1505
53.47	2.8228	1.1341	53.97	2.8461	1.1508
53.48	2.8232	1.1344	53.98	2.8466	1.1512
53.49	2.8236	1.1348	53.99	2.8471	1.1515

THETA	L-P I	L-P II	THETA	L-P I	L-P II
54.00	2.8476	1.1519	54.50	2.8736	1.1697
54.01	2.8481	1.1522	54.51	2.8742	1.1701
54.02	2.8486	1.1526	54.52	2.8747	1.1705
54.03	2.8491	1.1529	54.53	2.8752	1.1708
54.04	2.8496	1.1533	54.54	2.8758	1.1712
54.05	2.8501	1.1536	54.55	2.8763	1.1716
54.06	2.8506	1.1540	54.56	2.8769	1.1719
54.07	2.8511	1.1543	54.57	2.8775	1.1723
54.08	2.8516	1.1547	54.58	2.8780	1.1727
54.09	2.8521	1.1550	54.59	2.8786	1.1731
54.10	2.8526	1.1554	54.60	2.8791	1.1734
54.11	2.8531	1.1557	54.61	2.8797	1.1738
54.12	2.8536	1.1561	54.62	2.8802	1.1742
54.13	2.8541	1.1564	54.63	2.8808	1.1745
54.14	2.8546	1.1568	54.64	2.8813	1.1749
54.15	2.8551	1.1571	54.65	2.8819	1.1753
54.16	2.8556	1.1575	54.66	2.8825	1.1757
54.17	2.8561	1.1578	54.67	2.8830	1.1760
54.18	2.8567	1.1582	54.68	2.8836	1.1764
54.19	2.8572	1.1585	54.69	2.8842	1.1768
54.20	2.8577	1.1589	54.70	2.8847	1.1772
54.21	2.8582	1.1592	54.71	2.8853	1.1775
54.22	2.8587	1.1596	54.72	2.8859	1.1779
54.23	2.8592	1.1599	54.73	2.8864	1.1783
54.24	2.8598	1.1603	54.74	2.8870	1.1787
54.25	2.8603	1.1607	54.75	2.8876	1.1791
54.26	2.8608	1.1610	54.76	2.8881	1.1794
54.27	2.8613	1.1614	54.77	2.8887	1.1798
54.28	2.8618	1.1617	54.78	2.8893	1.1802
54.29	2.8624	1.1621	54.79	2.8899	1.1806
54.30	2.8629	1.1625	54.80	2.8904	1.1810
54.31	2.8634	1.1628	54.81	2.8910	1.1813
54.32	2.8639	1.1632	54.82	2.8916	1.1817
54.33	2.8645	1.1635	54.83	2.8922	1.1821
54.34	2.8650	1.1639	54.84	2.8928	1.1825
54.35	2.8655	1.1643	54.85	2.8933	1.1829
54.36	2.8661	1.1646	54.86	2.8939	1.1832
54.37	2.8666	1.1650	54.87	2.8945	1.1836
54.38	2.8671	1.1653	54.88	2.8951	1.1840
54.39	2.8677	1.1657	54.89	2.8957	1.1844
54.40	2.8682	1.1661	54.90	2.8963	1.1848
54.41	2.8687	1.1664	54.91	2.8968	1.1852
54.42	2.8693	1.1668	54.92	2.8974	1.1856
54.43	2.8698	1.1672	54.93	2.8980	1.1859
54.44	2.8703	1.1675	54.94	2.8986	1.1863
54.45	2.8709	1.1679	54.95	2.8992	1.1867
54.46	2.8714	1.1683	54.96	2.8998	1.1871
54.47	2.8720	1.1686	54.97	2.9004	1.1875
54.48	2.8725	1.1690	54.98	2.9010	1.1879
54.49	2.8731	1.1694	54.99	2.9016	1.1883

THETA	L-P I	L-P II	THETA	L-P I	L-P II
55.00	2.9022	1.1887	55.50	2.9333	1.2087
55.01	2.9028	1.1891	55.51	2.9340	1.2091
55.02	2.9034	1.1894	55.52	2.9346	1.2095
55.03	2.9040	1.1898	55.53	2.9353	1.2099
55.04	2.9046	1.1902	55.54	2.9359	1.2104
55.05	2.9052	1.1906	55.55	2.9366	1.2108
55.06	2.9058	1.1910	55.56	2.9372	1.2112
55.07	2.9064	1.1914	55.57	2.9379	1.2116
55.08	2.9070	1.1918	55.58	2.9385	1.2120
55.09	2.9076	1.1922	55.59	2.9392	1.2124
55.10	2.9082	1.1926	55.60	2.9398	1.2129
55.11	2.9088	1.1930	55.61	2.9405	1.2133
55.12	2.9094	1.1934	55.62	2.9412	1.2137
55.13	2.9100	1.1938	55.63	2.9418	1.2141
55.14	2.9106	1.1942	55.64	2.9425	1.2145
55.15	2.9112	1.1946	55.65	2.9432	1.2149
55.16	2.9119	1.1950	55.66	2.9438	1.2154
55.17	2.9125	1.1954	55.67	2.9445	1.2158
55.18	2.9131	1.1958	55.68	2.9451	1.2162
55.19	2.9137	1.1961	55.69	2.9458	1.2166
55.20	2.9143	1.1965	55.70	2.9465	1.2170
55.21	2.9149	1.1969	55.71	2.9472	1.2175
55.22	2.9156	1.1973	55.72	2.9478	1.2179
55.23	2.9162	1.1977	55.73	2.9485	1.2183
55.24	2.9168	1.1981	55.74	2.9492	1.2187
55.25	2.9174	1.1985	55.75	2.9498	1.2192
55.26	2.9180	1.1989	55.76	2.9505	1.2196
55.27	2.9187	1.1993	55.77	2.9512	1.2200
55.28	2.9193	1.1998	55.78	2.9519	1.2204
55.29	2.9199	1.2002	55.79	2.9525	1.2209
55.30	2.9206	1.2006	55.80	2.9532	1.2213
55.31	2.9212	1.2010	55.81	2.9539	1.2217
55.32	2.9218	1.2014	55.82	2.9546	1.2221
55.33	2.9224	1.2018	55.83	2.9553	1.2226
55.34	2.9231	1.2022	55.84	2.9560	1.2230
55.35	2.9237	1.2026	55.85	2.9566	1.2234
55.36	2.9243	1.2030	55.86	2.9573	1.2238
55.37	2.9250	1.2034	55.87	2.9580	1.2243
55.38	2.9256	1.2038	55.88	2.9587	1.2247
55.39	2.9262	1.2042	55.89	2.9594	1.2251
55.40	2.9269	1.2046	55.90	2.9601	1.2256
55.41	2.9275	1.2050	55.91	2.9608	1.2260
55.42	2.9282	1.2054	55.92	2.9615	1.2264
55.43	2.9288	1.2058	55.93	2.9621	1.2269
55.44	2.9294	1.2062	55.94	2.9628	1.2273
55.45	2.9301	1.2067	55.95	2.9635	1.2277
55.46	2.9307	1.2071	55.96	2.9642	1.2281
55.47	2.9314	1.2075	55.97	2.9649	1.2286
55.48	2.9320	1.2079	55.98	2.9656	1.2290
55.49	2.9327	1.2083	55.99	2.9663	1.2295

THETA	L-P I	L-P II	THETA	L-P I	L-P II
56.00	2.9670	1.2299	56.50	3.0033	1.2522
56.01	2.9677	1.2303	56.51	3.0041	1.2527
56.02	2.9684	1.2308	56.52	3.0048	1.2531
56.03	2.9691	1.2312	56.53	3.0056	1.2536
56.04	2.9698	1.2316	56.54	3.0063	1.2541
56.05	2.9705	1.2321	56.55	3.0071	1.2545
56.06	2.9712	1.2325	56.56	3.0079	1.2550
56.07	2.9719	1.2329	56.57	3.0086	1.2554
56.08	2.9727	1.2334	56.58	3.0094	1.2559
56.09	2.9734	1.2338	56.59	3.0101	1.2564
56.10	2.9741	1.2343	56.60	3.0109	1.2568
56.11	2.9748	1.2347	56.61	3.0117	1.2573
56.12	2.9755	1.2351	56.62	3.0124	1.2577
56.13	2.9762	1.2356	56.63	3.0132	1.2582
56.14	2.9769	1.2360	56.64	3.0140	1.2587
56.15	2.9776	1.2365	56.65	3.0147	1.2591
56.16	2.9784	1.2369	56.66	3.0155	1.2596
56.17	2.9791	1.2373	56.67	3.0163	1.2601
56.18	2.9798	1.2378	56.68	3.0170	1.2605
56.19	2.9805	1.2382	56.69	3.0178	1.2610
56.20	2.9812	1.2387	56.70	3.0186	1.2615
56.21	2.9820	1.2391	56.71	3.0194	1.2619
56.22	2.9827	1.2396	56.72	3.0201	1.2624
56.23	2.9834	1.2400	56.73	3.0209	1.2629
56.24	2.9841	1.2405	56.74	3.0217	1.2634
56.25	2.9848	1.2409	56.75	3.0225	1.2638
56.26	2.9856	1.2414	56.76	3.0232	1.2643
56.27	2.9863	1.2418	56.77	3.0240	1.2648
56.28	2.9870	1.2422	56.78	3.0248	1.2652
56.29	2.9878	1.2427	56.79	3.0256	1.2657
56.30	2.9885	1.2431	56.80	3.0264	1.2662
56.31	2.9892	1.2436	56.81	3.0272	1.2667
56.32	2.9900	1.2440	56.82	3.0279	1.2671
56.33	2.9907	1.2445	56.83	3.0287	1.2676
56.34	2.9914	1.2449	56.84	3.0295	1.2681
56.35	2.9922	1.2454	56.85	3.0303	1.2685
56.36	2.9929	1.2458	56.86	3.0311	1.2690
56.37	2.9936	1.2463	56.87	3.0319	1.2695
56.38	2.9944	1.2467	56.88	3.0327	1.2700
56.39	2.9951	1.2472	56.89	3.0335	1.2705
56.40	2.9959	1.2477	56.90	3.0343	1.2709
56.41	2.9966	1.2481	56.91	3.0351	1.2714
56.42	2.9973	1.2486	56.92	3.0359	1.2719
56.43	2.9981	1.2490	56.93	3.0366	1.2724
56.44	2.9988	1.2495	56.94	3.0374	1.2728
56.45	2.9996	1.2499	56.95	3.0382	1.2733
56.46	3.0003	1.2504	56.96	3.0390	1.2738
56.47	3.0011	1.2508	56.97	3.0398	1.2743
56.48	3.0018	1.2513	56.98	3.0407	1.2748
56.49	3.0026	1.2518	56.99	3.0415	1.2752

THETA	L-P I	L-P II	THETA	L-P I	L-P II
57.00	3.0423	1.2757	57.50	3.0839	1.3004
57.01	3.0431	1.2762	57.51	3.0847	1.3010
57.02	3.0439	1.2767	57.52	3.0856	1.3015
57.03	3.0447	1.2772	57.53	3.0864	1.3020
57.04	3.0455	1.2777	57.54	3.0873	1.3025
57.05	3.0463	1.2781	57.55	3.0882	1.3030
57.06	3.0471	1.2786	57.56	3.0890	1.3035
57.07	3.0479	1.2791	57.57	3.0899	1.3040
57.08	3.0487	1.2796	57.58	3.0908	1.3045
57.09	3.0495	1.2801	57.59	3.0916	1.3050
57.10	3.0504	1.2806	57.60	3.0925	1.3055
57.11	3.0512	1.2811	57.61	3.0934	1.3061
57.12	3.0520	1.2815	57.62	3.0942	1.3066
57.13	3.0528	1.2820	57.63	3.0951	1.3071
57.14	3.0536	1.2825	57.64	3.0960	1.3076
57.15	3.0545	1.2830	57.65	3.0969	1.3081
57.16	3.0553	1.2835	57.66	3.0977	1.3086
57.17	3.0561	1.2840	57.67	3.0986	1.3091
57.18	3.0569	1.2845	57.68	3.0995	1.3096
57.19	3.0577	1.2850	57.69	3.1004	1.3102
57.20	3.0586	1.2855	57.70	3.1012	1.3107
57.21	3.0594	1.2860	57.71	3.1021	1.3112
57.22	3.0602	1.2865	57.72	3.1030	1.3117
57.23	3.0611	1.2869	57.73	3.1039	1.3122
57.24	3.0619	1.2874	57.74	3.1048	1.3126
57.25	3.0627	1.2879	57.75	3.1057	1.3133
57.26	3.0636	1.2884	57.76	3.1065	1.3138
57.27	3.0644	1.2889	57.77	3.1074	1.3143
57.28	3.0652	1.2894	57.78	3.1083	1.3148
57.29	3.0661	1.2899	57.79	3.1092	1.3154
57.30	3.0669	1.2904	57.80	3.1101	1.3159
57.31	3.0677	1.2909	57.81	3.1110	1.3164
57.32	3.0686	1.2914	57.82	3.1119	1.3169
57.33	3.0694	1.2919	57.83	3.1128	1.3174
57.34	3.0703	1.2924	57.84	3.1137	1.3180
57.35	3.0711	1.2929	57.85	3.1146	1.3185
57.36	3.0719	1.2934	57.86	3.1155	1.3190
57.37	3.0728	1.2939	57.87	3.1164	1.3195
57.38	3.0736	1.2944	57.88	3.1173	1.3201
57.39	3.0745	1.2949	57.89	3.1182	1.3206
57.40	3.0753	1.2954	57.90	3.1191	1.3211
57.41	3.0762	1.2959	57.91	3.1200	1.3216
57.42	3.0770	1.2964	57.92	3.1209	1.3222
57.43	3.0779	1.2969	57.93	3.1218	1.3227
57.44	3.0787	1.2974	57.94	3.1227	1.3232
57.45	3.0796	1.2979	57.95	3.1236	1.3238
57.46	3.0804	1.2984	57.96	3.1245	1.3243
57.47	3.0813	1.2989	57.97	3.1254	1.3248
57.48	3.0821	1.2994	57.98	3.1263	1.3253
57.49	3.0830	1.2999	57.99	3.1272	1.3259

THETA	L-P I	L-P II	THETA	L-P I	L-P II
58.00	3.1281	1.3264	58.50	3.1752	1.3536
58.01	3.1291	1.3269	58.51	3.1762	1.3542
58.02	3.1300	1.3275	58.52	3.1771	1.3548
58.03	3.1309	1.3280	58.53	3.1781	1.3553
58.04	3.1318	1.3285	58.54	3.1791	1.3559
58.05	3.1327	1.3291	58.55	3.1800	1.3564
58.06	3.1336	1.3296	58.56	3.1810	1.3570
58.07	3.1346	1.3301	58.57	3.1820	1.3576
58.08	3.1355	1.3307	58.58	3.1830	1.3581
58.09	3.1364	1.3312	58.59	3.1839	1.3587
58.10	3.1373	1.3318	58.60	3.1849	1.3592
58.11	3.1383	1.3323	58.61	3.1859	1.3598
58.12	3.1392	1.3328	58.62	3.1869	1.3604
58.13	3.1401	1.3334	58.63	3.1879	1.3609
58.14	3.1410	1.3339	58.64	3.1889	1.3615
58.15	3.1420	1.3344	58.65	3.1898	1.3621
58.16	3.1429	1.3350	58.66	3.1908	1.3626
58.17	3.1438	1.3355	58.67	3.1918	1.3632
58.18	3.1448	1.3361	58.68	3.1928	1.3638
58.19	3.1457	1.3366	58.69	3.1938	1.3643
58.20	3.1466	1.3371	58.70	3.1948	1.3649
58.21	3.1476	1.3377	58.71	3.1958	1.3655
58.22	3.1485	1.3382	58.72	3.1968	1.3660
58.23	3.1494	1.3388	58.73	3.1978	1.3666
58.24	3.1504	1.3393	58.74	3.1988	1.3672
58.25	3.1513	1.3399	58.75	3.1998	1.3678
58.26	3.1523	1.3404	58.76	3.2007	1.3683
58.27	3.1532	1.3410	58.77	3.2017	1.3689
58.28	3.1541	1.3415	58.78	3.2027	1.3695
58.29	3.1551	1.3420	58.79	3.2037	1.3700
58.30	3.1560	1.3426	58.80	3.2047	1.3706
58.31	3.1570	1.3431	58.81	3.2058	1.3712
58.32	3.1579	1.3437	58.82	3.2068	1.3718
58.33	3.1589	1.3442	58.83	3.2078	1.3723
58.34	3.1598	1.3448	58.84	3.2088	1.3729
58.35	3.1608	1.3453	58.85	3.2098	1.3735
58.36	3.1617	1.3459	58.86	3.2108	1.3741
58.37	3.1627	1.3464	58.87	3.2118	1.3746
58.38	3.1636	1.3470	58.88	3.2128	1.3752
58.39	3.1646	1.3475	58.89	3.2138	1.3758
58.40	3.1656	1.3481	58.90	3.2148	1.3764
58.41	3.1665	1.3486	58.91	3.2158	1.3770
58.42	3.1675	1.3492	58.92	3.2169	1.3775
58.43	3.1684	1.3498	58.93	3.2179	1.3781
58.44	3.1694	1.3503	58.94	3.2189	1.3787
58.45	3.1704	1.3509	58.95	3.2199	1.3793
58.46	3.1713	1.3514	58.96	3.2209	1.3799
58.47	3.1723	1.3520	58.97	3.2220	1.3804
58.48	3.1733	1.3525	58.98	3.2230	1.3810
58.49	3.1742	1.3531	58.99	3.2240	1.3816

THETA	L-P I	L-P II	THETA	L-P I	L-P II
59.00	3.2250	1.3822	59.50	3.2777	1.4121
59.01	3.2260	1.3828	59.51	3.2788	1.4127
59.02	3.2271	1.3834	59.52	3.2799	1.4133
59.03	3.2281	1.3839	59.53	3.2810	1.4139
59.04	3.2291	1.3845	59.54	3.2821	1.4145
59.05	3.2302	1.3851	59.55	3.2831	1.4152
59.06	3.2312	1.3857	59.56	3.2842	1.4158
59.07	3.2322	1.3863	59.57	3.2853	1.4164
59.08	3.2333	1.3869	59.58	3.2864	1.4170
59.09	3.2343	1.3875	59.59	3.2875	1.4176
59.10	3.2353	1.3881	59.60	3.2886	1.4182
59.11	3.2364	1.3887	59.61	3.2897	1.4189
59.12	3.2374	1.3892	59.62	3.2908	1.4195
59.13	3.2384	1.3898	59.63	3.2919	1.4201
59.14	3.2395	1.3904	59.64	3.2930	1.4207
59.15	3.2405	1.3910	59.65	3.2941	1.4213
59.16	3.2416	1.3916	59.66	3.2952	1.4219
59.17	3.2426	1.3922	59.67	3.2963	1.4226
59.18	3.2437	1.3928	59.68	3.2974	1.4232
59.19	3.2447	1.3934	59.69	3.2985	1.4238
59.20	3.2458	1.3940	59.70	3.2996	1.4244
59.21	3.2468	1.3946	59.71	3.3007	1.4251
59.22	3.2479	1.3952	59.72	3.3018	1.4257
59.23	3.2489	1.3958	59.73	3.3029	1.4263
59.24	3.2500	1.3964	59.74	3.3040	1.4269
59.25	3.2510	1.3970	59.75	3.3052	1.4276
59.26	3.2521	1.3976	59.76	3.3063	1.4282
59.27	3.2531	1.3982	59.77	3.3074	1.4288
59.28	3.2542	1.3988	59.78	3.3085	1.4294
59.29	3.2552	1.3994	59.79	3.3096	1.4301
59.30	3.2563	1.4000	59.80	3.3107	1.4307
59.31	3.2574	1.4006	59.81	3.3118	1.4313
59.32	3.2584	1.4012	59.82	3.3130	1.4319
59.33	3.2595	1.4018	59.83	3.3141	1.4326
59.34	3.2605	1.4024	59.84	3.3152	1.4332
59.35	3.2616	1.4030	59.85	3.3163	1.4338
59.36	3.2627	1.4036	59.86	3.3175	1.4345
59.37	3.2637	1.4042	59.87	3.3186	1.4351
59.38	3.2648	1.4048	59.88	3.3197	1.4357
59.39	3.2659	1.4054	59.89	3.3208	1.4364
59.40	3.2669	1.4060	59.90	3.3220	1.4370
59.41	3.2680	1.4066	59.91	3.3231	1.4376
59.42	3.2691	1.4072	59.92	3.3242	1.4383
59.43	3.2702	1.4078	59.93	3.3254	1.4389
59.44	3.2712	1.4084	59.94	3.3265	1.4395
59.45	3.2723	1.4090	59.95	3.3276	1.4402
59.46	3.2734	1.4096	59.96	3.3288	1.4408
59.47	3.2745	1.4103	59.97	3.3299	1.4415
59.48	3.2756	1.4109	59.98	3.3311	1.4421
59.49	3.2766	1.4115	59.99	3.3322	1.4427

THETA	L-P I	L-P II	THETA	L-P I	L-P II
60.00	3.3333	1.4434	60.50	3.3919	1.4761
60.01	3.3345	1.4440	60.51	3.3931	1.4768
60.02	3.3356	1.4447	60.52	3.3944	1.4774
60.03	3.3368	1.4453	60.53	3.3956	1.4781
60.04	3.3379	1.4459	60.54	3.3968	1.4788
60.05	3.3391	1.4466	60.55	3.3980	1.4795
60.06	3.3402	1.4472	60.56	3.3992	1.4801
60.07	3.3414	1.4479	60.57	3.4004	1.4808
60.08	3.3425	1.4485	60.58	3.4016	1.4815
60.09	3.3437	1.4492	60.59	3.4028	1.4821
60.10	3.3448	1.4498	60.60	3.4040	1.4828
60.11	3.3460	1.4504	60.61	3.4052	1.4835
60.12	3.3471	1.4511	60.62	3.4065	1.4842
60.13	3.3483	1.4517	60.63	3.4077	1.4848
60.14	3.3494	1.4524	60.64	3.4089	1.4855
60.15	3.3506	1.4530	60.65	3.4101	1.4862
60.16	3.3518	1.4537	60.66	3.4113	1.4869
60.17	3.3529	1.4543	60.67	3.4126	1.4876
60.18	3.3541	1.4550	60.68	3.4138	1.4882
60.19	3.3552	1.4556	60.69	3.4150	1.4889
60.20	3.3564	1.4563	60.70	3.4162	1.4896
60.21	3.3576	1.4569	60.71	3.4175	1.4903
60.22	3.3587	1.4576	60.72	3.4187	1.4910
60.23	3.3599	1.4582	60.73	3.4199	1.4916
60.24	3.3611	1.4589	60.74	3.4212	1.4923
60.25	3.3623	1.4596	60.75	3.4224	1.4930
60.26	3.3634	1.4602	60.76	3.4236	1.4937
60.27	3.3646	1.4609	60.77	3.4249	1.4944
60.28	3.3658	1.4615	60.78	3.4261	1.4951
60.29	3.3670	1.4622	60.79	3.4273	1.4958
60.30	3.3681	1.4628	60.80	3.4286	1.4964
60.31	3.3693	1.4635	60.81	3.4298	1.4971
60.32	3.3705	1.4641	60.82	3.4311	1.4978
60.33	3.3717	1.4648	60.83	3.4323	1.4985
60.34	3.3729	1.4655	60.84	3.4336	1.4992
60.35	3.3740	1.4661	60.85	3.4348	1.4999
60.36	3.3752	1.4668	60.86	3.4360	1.5006
60.37	3.3764	1.4674	60.87	3.4373	1.5013
60.38	3.3776	1.4681	60.88	3.4385	1.5020
60.39	3.3788	1.4688	60.89	3.4398	1.5027
60.40	3.3800	1.4694	60.90	3.4410	1.5033
60.41	3.3812	1.4701	60.91	3.4423	1.5040
60.42	3.3824	1.4708	60.92	3.4436	1.5047
60.43	3.3836	1.4714	60.93	3.4448	1.5054
60.44	3.3848	1.4721	60.94	3.4461	1.5061
60.45	3.3859	1.4728	60.95	3.4473	1.5068
60.46	3.3871	1.4734	60.96	3.4486	1.5075
60.47	3.3883	1.4741	60.97	3.4498	1.5082
60.48	3.3895	1.4748	60.98	3.4511	1.5089
60.49	3.3907	1.4754	60.99	3.4524	1.5096

THETA	L-P I	L-P II	THETA	L-P I	L-P II
61.00	3.4536	1.5103	61.50	3.5185	1.5461
61.01	3.4549	1.5110	61.51	3.5198	1.5468
61.02	3.4562	1.5117	61.52	3.5212	1.5475
61.03	3.4574	1.5124	61.53	3.5225	1.5483
61.04	3.4587	1.5131	61.54	3.5238	1.5490
61.05	3.4600	1.5138	61.55	3.5252	1.5497
61.06	3.4612	1.5145	61.56	3.5265	1.5505
61.07	3.4625	1.5152	61.57	3.5278	1.5512
61.08	3.4638	1.5159	61.58	3.5292	1.5519
61.09	3.4651	1.5166	61.59	3.5305	1.5527
61.10	3.4663	1.5173	61.60	3.5319	1.5534
61.11	3.4676	1.5180	61.61	3.5332	1.5541
61.12	3.4689	1.5187	61.62	3.5345	1.5549
61.13	3.4702	1.5195	61.63	3.5359	1.5556
61.14	3.4715	1.5202	61.64	3.5372	1.5563
61.15	3.4728	1.5209	61.65	3.5386	1.5571
61.16	3.4740	1.5216	61.66	3.5399	1.5578
61.17	3.4753	1.5223	61.67	3.5413	1.5586
61.18	3.4766	1.5230	61.68	3.5426	1.5593
61.19	3.4779	1.5237	61.69	3.5440	1.5601
61.20	3.4792	1.5244	61.70	3.5453	1.5608
61.21	3.4805	1.5251	61.71	3.5467	1.5615
61.22	3.4818	1.5258	61.72	3.5481	1.5623
61.23	3.4831	1.5266	61.73	3.5494	1.5630
61.24	3.4844	1.5273	61.74	3.5508	1.5638
61.25	3.4857	1.5280	61.75	3.5521	1.5645
61.26	3.4870	1.5287	61.76	3.5535	1.5653
61.27	3.4883	1.5294	61.77	3.5549	1.5660
61.28	3.4896	1.5301	61.78	3.5562	1.5668
61.29	3.4909	1.5309	61.79	3.5576	1.5675
61.30	3.4922	1.5316	61.80	3.5590	1.5683
61.31	3.4935	1.5323	61.81	3.5603	1.5690
61.32	3.4948	1.5330	61.82	3.5617	1.5698
61.33	3.4961	1.5337	61.83	3.5631	1.5705
61.34	3.4974	1.5344	61.84	3.5645	1.5713
61.35	3.4987	1.5352	61.85	3.5658	1.5720
61.36	3.5000	1.5359	61.86	3.5672	1.5728
61.37	3.5013	1.5366	61.87	3.5686	1.5735
61.38	3.5026	1.5373	61.88	3.5700	1.5743
61.39	3.5039	1.5381	61.89	3.5713	1.5750
61.40	3.5053	1.5388	61.90	3.5727	1.5758
61.41	3.5066	1.5395	61.91	3.5741	1.5766
61.42	3.5079	1.5402	61.92	3.5755	1.5773
61.43	3.5092	1.5410	61.93	3.5769	1.5781
61.44	3.5105	1.5417	61.94	3.5783	1.5788
61.45	3.5119	1.5424	61.95	3.5797	1.5796
61.46	3.5132	1.5431	61.96	3.5810	1.5804
61.47	3.5145	1.5439	61.97	3.5824	1.5811
61.48	3.5158	1.5446	61.98	3.5838	1.5819
61.49	3.5172	1.5453	61.99	3.5852	1.5826

THETA	L-P I	L-P II	THETA	L-P I	L-P II
62.00	3.5866	1.5834	62.50	3.6581	1.6224
62.01	3.5880	1.5842	62.51	3.6596	1.6232
62.02	3.5894	1.5849	62.52	3.6611	1.6240
62.03	3.5908	1.5857	62.53	3.6625	1.6248
62.04	3.5922	1.5865	62.54	3.6640	1.6256
62.05	3.5936	1.5872	62.55	3.6655	1.6264
62.06	3.5950	1.5880	62.56	3.6669	1.6272
62.07	3.5964	1.5888	62.57	3.6684	1.6280
62.08	3.5978	1.5895	62.58	3.6699	1.6288
62.09	3.5992	1.5903	62.59	3.6714	1.6296
62.10	3.6006	1.5911	62.60	3.6728	1.6304
62.11	3.6021	1.5918	62.61	3.6743	1.6312
62.12	3.6035	1.5926	62.62	3.6758	1.6320
62.13	3.6049	1.5934	62.63	3.6773	1.6328
62.14	3.6063	1.5941	62.64	3.6788	1.6336
62.15	3.6077	1.5949	62.65	3.6802	1.6344
62.16	3.6091	1.5957	62.66	3.6817	1.6352
62.17	3.6105	1.5965	62.67	3.6832	1.6360
62.18	3.6120	1.5972	62.68	3.6847	1.6369
62.19	3.6134	1.5980	62.69	3.6862	1.6377
62.20	3.6148	1.5988	62.70	3.6877	1.6385
62.21	3.6162	1.5996	62.71	3.6892	1.6393
62.22	3.6177	1.6003	62.72	3.6907	1.6401
62.23	3.6191	1.6011	62.73	3.6922	1.6409
62.24	3.6205	1.6019	62.74	3.6937	1.6417
62.25	3.6219	1.6027	62.75	3.6952	1.6425
62.26	3.6234	1.6035	62.76	3.6967	1.6434
62.27	3.6248	1.6042	62.77	3.6982	1.6442
62.28	3.6262	1.6050	62.78	3.6997	1.6450
62.29	3.6277	1.6058	62.79	3.7012	1.6458
62.30	3.6291	1.6066	62.80	3.7027	1.6466
62.31	3.6305	1.6074	62.81	3.7042	1.6474
62.32	3.6320	1.6082	62.82	3.7057	1.6483
62.33	3.6334	1.6089	62.83	3.7072	1.6491
62.34	3.6349	1.6097	62.84	3.7087	1.6499
62.35	3.6363	1.6105	62.85	3.7102	1.6507
62.36	3.6378	1.6113	62.86	3.7118	1.6515
62.37	3.6392	1.6121	62.87	3.7133	1.6524
62.38	3.6406	1.6129	62.88	3.7148	1.6532
62.39	3.6421	1.6137	62.89	3.7163	1.6540
62.40	3.6435	1.6145	62.90	3.7178	1.6548
62.41	3.6450	1.6153	62.91	3.7194	1.6557
62.42	3.6464	1.6160	62.92	3.7209	1.6565
62.43	3.6479	1.6168	62.93	3.7224	1.6573
62.44	3.6494	1.6176	62.94	3.7239	1.6581
62.45	3.6508	1.6184	62.95	3.7255	1.6590
62.46	3.6523	1.6192	62.96	3.7270	1.6598
62.47	3.6537	1.6200	62.97	3.7285	1.6606
62.48	3.6552	1.6208	62.98	3.7301	1.6615
62.49	3.6567	1.6216	62.99	3.7316	1.6623

THETA	L-P I	L-P II	THETA	L-P I	L-P II
63.00	3.7331	1.6631	63.50	3.8118	1.7056
63.01	3.7347	1.6640	63.51	3.8134	1.7065
63.02	3.7362	1.6648	63.52	3.8150	1.7074
63.03	3.7377	1.6656	63.53	3.8166	1.7082
63.04	3.7393	1.6665	63.54	3.8182	1.7091
63.05	3.7408	1.6673	63.55	3.8198	1.7100
63.06	3.7424	1.6681	63.56	3.8214	1.7109
63.07	3.7439	1.6690	63.57	3.8231	1.7117
63.08	3.7455	1.6698	63.58	3.8247	1.7126
63.09	3.7470	1.6706	63.59	3.8263	1.7135
63.10	3.7486	1.6715	63.60	3.8279	1.7144
63.11	3.7501	1.6723	63.61	3.8296	1.7152
63.12	3.7517	1.6732	63.62	3.8312	1.7161
63.13	3.7532	1.6740	63.63	3.8328	1.7170
63.14	3.7548	1.6748	63.64	3.8344	1.7179
63.15	3.7563	1.6757	63.65	3.8361	1.7188
63.16	3.7579	1.6765	63.66	3.8377	1.7196
63.17	3.7594	1.6774	63.67	3.8393	1.7205
63.18	3.7610	1.6782	63.68	3.8410	1.7214
63.19	3.7626	1.6791	63.69	3.8426	1.7223
63.20	3.7641	1.6799	63.70	3.8443	1.7232
63.21	3.7657	1.6808	63.71	3.8459	1.7240
63.22	3.7673	1.6816	63.72	3.8475	1.7249
63.23	3.7688	1.6824	63.73	3.8492	1.7258
63.24	3.7704	1.6833	63.74	3.8508	1.7267
63.25	3.7720	1.6841	63.75	3.8525	1.7276
63.26	3.7735	1.6850	63.76	3.8541	1.7285
63.27	3.7751	1.6858	63.77	3.8558	1.7294
63.28	3.7767	1.6867	63.78	3.8574	1.7303
63.29	3.7783	1.6876	63.79	3.8591	1.7311
63.30	3.7799	1.6884	63.80	3.8607	1.7320
63.31	3.7814	1.6893	63.81	3.8624	1.7329
63.32	3.7830	1.6901	63.82	3.8641	1.7338
63.33	3.7846	1.6910	63.83	3.8657	1.7347
63.34	3.7862	1.6918	63.84	3.8674	1.7356
63.35	3.7878	1.6927	63.85	3.8690	1.7365
63.36	3.7894	1.6935	63.86	3.8707	1.7374
63.37	3.7910	1.6944	63.87	3.8724	1.7383
63.38	3.7925	1.6953	63.88	3.8740	1.7392
63.39	3.7941	1.6961	63.89	3.8757	1.7401
63.40	3.7957	1.6970	63.90	3.8774	1.7410
63.41	3.7973	1.6978	63.91	3.8790	1.7419
63.42	3.7989	1.6987	63.92	3.8807	1.7428
63.43	3.8005	1.6996	63.93	3.8824	1.7437
63.44	3.8021	1.7004	63.94	3.8841	1.7446
63.45	3.8037	1.7013	63.95	3.8857	1.7455
63.46	3.8053	1.7022	63.96	3.8874	1.7464
63.47	3.8069	1.7030	63.97	3.8891	1.7473
63.48	3.8085	1.7039	63.98	3.8908	1.7482
63.49	3.8101	1.7048	63.99	3.8925	1.7491

THETA	L-P I	L-P II	THETA	L-P I	L-P II
64.00	3.8942	1.7500	64.50	3.9805	1.7964
64.01	3.8958	1.7509	64.51	3.9823	1.7973
64.02	3.8975	1.7518	64.52	3.9840	1.7983
64.03	3.8992	1.7527	64.53	3.9858	1.7992
64.04	3.9009	1.7537	64.54	3.9876	1.8002
64.05	3.9026	1.7546	64.55	3.9894	1.8011
64.06	3.9043	1.7555	64.56	3.9911	1.8021
64.07	3.9060	1.7564	64.57	3.9929	1.8030
64.08	3.9077	1.7573	64.58	3.9947	1.8040
64.09	3.9094	1.7582	64.59	3.9965	1.8049
64.10	3.9111	1.7591	64.60	3.9983	1.8059
64.11	3.9128	1.7601	64.61	4.0000	1.8068
64.12	3.9145	1.7610	64.62	4.0018	1.8078
64.13	3.9162	1.7619	64.63	4.0036	1.8088
64.14	3.9179	1.7628	64.64	4.0054	1.8097
64.15	3.9196	1.7637	64.65	4.0072	1.8107
64.16	3.9214	1.7646	64.66	4.0090	1.8116
64.17	3.9231	1.7656	64.67	4.0108	1.8126
64.18	3.9248	1.7665	64.68	4.0126	1.8136
64.19	3.9265	1.7674	64.69	4.0144	1.8145
64.20	3.9282	1.7683	64.70	4.0162	1.8155
64.21	3.9299	1.7692	64.71	4.0180	1.8164
64.22	3.9317	1.7702	64.72	4.0198	1.8174
64.23	3.9334	1.7711	64.73	4.0216	1.8184
64.24	3.9351	1.7720	64.74	4.0234	1.8193
64.25	3.9368	1.7729	64.75	4.0252	1.8203
64.26	3.9386	1.7739	64.76	4.0270	1.8213
64.27	3.9403	1.7748	64.77	4.0288	1.8222
64.28	3.9420	1.7757	64.78	4.0306	1.8232
64.29	3.9438	1.7767	64.79	4.0325	1.8242
64.30	3.9455	1.7776	64.80	4.0343	1.8252
64.31	3.9472	1.7785	64.81	4.0361	1.8261
64.32	3.9490	1.7795	64.82	4.0379	1.8271
64.33	3.9507	1.7804	64.83	4.0397	1.8281
64.34	3.9524	1.7813	64.84	4.0416	1.8291
64.35	3.9542	1.7823	64.85	4.0434	1.8300
64.36	3.9559	1.7832	64.86	4.0452	1.8310
64.37	3.9577	1.7841	64.87	4.0470	1.8320
64.38	3.9594	1.7851	64.88	4.0489	1.8330
64.39	3.9612	1.7860	64.89	4.0507	1.8339
64.40	3.9629	1.7869	64.90	4.0525	1.8349
64.41	3.9647	1.7879	64.91	4.0544	1.8359
64.42	3.9664	1.7888	64.92	4.0562	1.8369
64.43	3.9682	1.7898	64.93	4.0580	1.8379
64.44	3.9699	1.7907	64.94	4.0599	1.8389
64.45	3.9717	1.7916	64.95	4.0617	1.8398
64.46	3.9734	1.7926	64.96	4.0636	1.8408
64.47	3.9752	1.7935	64.97	4.0654	1.8418
64.48	3.9770	1.7945	64.98	4.0673	1.8428
64.49	3.9787	1.7954	64.99	4.0691	1.8438

THETA	L-P I	L-P II	THETA	L-P I	L-P II
65.00	4.0710	1.8448	65.50	4.1657	1.8953
65.01	4.0728	1.8458	65.51	4.1676	1.8963
65.02	4.0747	1.8467	65.52	4.1696	1.8974
65.03	4.0765	1.8477	65.53	4.1715	1.8984
65.04	4.0784	1.8487	65.54	4.1735	1.8995
65.05	4.0802	1.8497	65.55	4.1754	1.9005
65.06	4.0821	1.8507	65.56	4.1774	1.9015
65.07	4.0840	1.8517	65.57	4.1793	1.9026
65.08	4.0858	1.8527	65.58	4.1813	1.9036
65.09	4.0877	1.8537	65.59	4.1832	1.9047
65.10	4.0896	1.8547	65.60	4.1852	1.9057
65.11	4.0914	1.8557	65.61	4.1871	1.9067
65.12	4.0933	1.8567	65.62	4.1891	1.9078
65.13	4.0952	1.8577	65.63	4.1911	1.9088
65.14	4.0970	1.8587	65.64	4.1930	1.9099
65.15	4.0989	1.8597	65.65	4.1950	1.9109
65.16	4.1008	1.8607	65.66	4.1970	1.9120
65.17	4.1027	1.8617	65.67	4.1989	1.9130
65.18	4.1046	1.8627	65.68	4.2009	1.9141
65.19	4.1064	1.8637	65.69	4.2029	1.9151
65.20	4.1083	1.8647	65.70	4.2049	1.9162
65.21	4.1102	1.8657	65.71	4.2068	1.9172
65.22	4.1121	1.8667	65.72	4.2088	1.9183
65.23	4.1140	1.8677	65.73	4.2108	1.9193
65.24	4.1159	1.8688	65.74	4.2128	1.9204
65.25	4.1178	1.8698	65.75	4.2148	1.9214
65.26	4.1197	1.8708	65.76	4.2167	1.9225
65.27	4.1216	1.8718	65.77	4.2187	1.9235
65.28	4.1235	1.8728	65.78	4.2207	1.9246
65.29	4.1254	1.8738	65.79	4.2227	1.9257
65.30	4.1273	1.8748	65.80	4.2247	1.9267
65.31	4.1292	1.8758	65.81	4.2267	1.9278
65.32	4.1311	1.8769	65.82	4.2287	1.9288
65.33	4.1330	1.8779	65.83	4.2307	1.9299
65.34	4.1349	1.8789	65.84	4.2327	1.9310
65.35	4.1368	1.8799	65.85	4.2347	1.9320
65.36	4.1387	1.8809	65.86	4.2367	1.9331
65.37	4.1406	1.8820	65.87	4.2387	1.9342
65.38	4.1426	1.8830	65.88	4.2407	1.9352
65.39	4.1445	1.8840	65.89	4.2427	1.9363
65.40	4.1464	1.8850	65.90	4.2447	1.9374
65.41	4.1483	1.8861	65.91	4.2468	1.9384
65.42	4.1502	1.8871	65.92	4.2488	1.9395
65.43	4.1522	1.8881	65.93	4.2508	1.9406
65.44	4.1541	1.8891	65.94	4.2528	1.9417
65.45	4.1560	1.8902	65.95	4.2548	1.9427
65.46	4.1580	1.8912	65.96	4.2569	1.9438
65.47	4.1599	1.8922	65.97	4.2589	1.9449
65.48	4.1618	1.8933	65.98	4.2609	1.9460
65.49	4.1638	1.8943	65.99	4.2629	1.9470

THETA	L-P I	L-P II	THETA	L-P I	L-P II
66.00	4.2650	1.9481	66.50	4.3690	2.0033
66.01	4.2670	1.9492	66.51	4.3711	2.0044
66.02	4.2690	1.9503	66.52	4.3732	2.0056
66.03	4.2711	1.9514	66.53	4.3754	2.0067
66.04	4.2731	1.9524	66.54	4.3775	2.0078
66.05	4.2751	1.9535	66.55	4.3796	2.0090
66.06	4.2772	1.9546	66.56	4.3818	2.0101
66.07	4.2792	1.9557	66.57	4.3839	2.0112
66.08	4.2813	1.9568	66.58	4.3861	2.0124
66.09	4.2833	1.9579	66.59	4.3882	2.0135
66.10	4.2854	1.9590	66.60	4.3904	2.0146
66.11	4.2874	1.9601	66.61	4.3925	2.0158
66.12	4.2895	1.9611	66.62	4.3947	2.0169
66.13	4.2915	1.9622	66.63	4.3968	2.0181
66.14	4.2936	1.9633	66.64	4.3990	2.0192
66.15	4.2957	1.9644	66.65	4.4011	2.0203
66.16	4.2977	1.9655	66.66	4.4033	2.0215
66.17	4.2998	1.9666	66.67	4.4054	2.0226
66.18	4.3018	1.9677	66.68	4.4076	2.0238
66.19	4.3039	1.9688	66.69	4.4098	2.0249
66.20	4.3060	1.9699	66.70	4.4119	2.0261
66.21	4.3081	1.9710	66.71	4.4141	2.0272
66.22	4.3101	1.9721	66.72	4.4163	2.0284
66.23	4.3122	1.9732	66.73	4.4185	2.0295
66.24	4.3143	1.9743	66.74	4.4206	2.0307
66.25	4.3164	1.9754	66.75	4.4228	2.0318
66.26	4.3184	1.9765	66.76	4.4250	2.0330
66.27	4.3205	1.9776	66.77	4.4272	2.0341
66.28	4.3226	1.9787	66.78	4.4294	2.0353
66.29	4.3247	1.9798	66.79	4.4315	2.0364
66.30	4.3268	1.9809	66.80	4.4337	2.0376
66.31	4.3289	1.9820	66.81	4.4359	2.0388
66.32	4.3310	1.9832	66.82	4.4381	2.0399
66.33	4.3331	1.9843	66.83	4.4403	2.0411
66.34	4.3352	1.9854	66.84	4.4425	2.0422
66.35	4.3373	1.9865	66.85	4.4447	2.0434
66.36	4.3394	1.9876	66.86	4.4469	2.0446
66.37	4.3415	1.9887	66.87	4.4491	2.0457
66.38	4.3436	1.9898	66.88	4.4513	2.0469
66.39	4.3457	1.9909	66.89	4.4535	2.0481
66.40	4.3478	1.9921	66.90	4.4557	2.0492
66.41	4.3499	1.9932	66.91	4.4580	2.0504
66.42	4.3520	1.9943	66.92	4.4602	2.0516
66.43	4.3541	1.9954	66.93	4.4624	2.0528
66.44	4.3562	1.9965	66.94	4.4646	2.0539
66.45	4.3583	1.9977	66.95	4.4668	2.0551
66.46	4.3605	1.9988	66.96	4.4690	2.0563
66.47	4.3626	1.9999	66.97	4.4713	2.0575
66.48	4.3647	2.0010	66.98	4.4735	2.0586
66.49	4.3668	2.0022	66.99	4.4757	2.0598

THETA	L-P I	L-P II	THETA	L-P I	L-P II
67.00	4.4779	2.0610	67.50	4.5922	2.1213
67.01	4.4802	2.0622	67.51	4.5945	2.1226
67.02	4.4824	2.0633	67.52	4.5969	2.1238
67.03	4.4847	2.0645	67.53	4.5992	2.1250
67.04	4.4869	2.0657	67.54	4.6016	2.1263
67.05	4.4891	2.0669	67.55	4.6039	2.1275
67.06	4.4914	2.0681	67.56	4.6063	2.1287
67.07	4.4936	2.0693	67.57	4.6086	2.1300
67.08	4.4959	2.0705	67.58	4.6110	2.1312
67.09	4.4981	2.0716	67.59	4.6133	2.1325
67.10	4.5004	2.0728	67.60	4.6157	2.1337
67.11	4.5026	2.0740	67.61	4.6181	2.1350
67.12	4.5049	2.0752	67.62	4.6204	2.1362
67.13	4.5071	2.0764	67.63	4.6228	2.1375
67.14	4.5094	2.0776	67.64	4.6252	2.1387
67.15	4.5117	2.0788	67.65	4.6275	2.1400
67.16	4.5139	2.0800	67.66	4.6299	2.1412
67.17	4.5162	2.0812	67.67	4.6323	2.1425
67.18	4.5185	2.0824	67.68	4.6347	2.1437
67.19	4.5207	2.0836	67.69	4.6371	2.1450
67.20	4.5230	2.0848	67.70	4.6394	2.1462
67.21	4.5253	2.0860	67.71	4.6418	2.1475
67.22	4.5276	2.0872	67.72	4.6442	2.1487
67.23	4.5298	2.0884	67.73	4.6466	2.1500
67.24	4.5321	2.0896	67.74	4.6490	2.1513
67.25	4.5344	2.0908	67.75	4.6514	2.1525
67.26	4.5367	2.0920	67.76	4.6538	2.1538
67.27	4.5390	2.0932	67.77	4.6562	2.1551
67.28	4.5413	2.0944	67.78	4.6586	2.1563
67.29	4.5436	2.0956	67.79	4.6610	2.1576
67.30	4.5458	2.0969	67.80	4.6634	2.1589
67.31	4.5481	2.0981	67.81	4.6658	2.1601
67.32	4.5504	2.0993	67.82	4.6682	2.1614
67.33	4.5527	2.1005	67.83	4.6706	2.1627
67.34	4.5550	2.1017	67.84	4.6731	2.1639
67.35	4.5574	2.1029	67.85	4.6755	2.1652
67.36	4.5597	2.1042	67.86	4.6779	2.1665
67.37	4.5620	2.1054	67.87	4.6803	2.1678
67.38	4.5643	2.1066	67.88	4.6827	2.1690
67.39	4.5666	2.1078	67.89	4.6852	2.1703
67.40	4.5689	2.1090	67.90	4.6876	2.1716
67.41	4.5712	2.1103	67.91	4.6900	2.1729
67.42	4.5736	2.1115	67.92	4.6925	2.1742
67.43	4.5759	2.1127	67.93	4.6949	2.1754
67.44	4.5782	2.1139	67.94	4.6973	2.1767
67.45	4.5805	2.1152	67.95	4.6998	2.1780
67.46	4.5829	2.1164	67.96	4.7022	2.1793
67.47	4.5852	2.1176	67.97	4.7047	2.1806
67.48	4.5875	2.1189	67.98	4.7071	2.1819
67.49	4.5899	2.1201	67.99	4.7096	2.1832

THETA	L-P I	L-P II	THETA	L-P I	L-P II
68.00	4.7120	2.1845	68.50	4.8377	2.2506
68.01	4.7145	2.1857	68.51	4.8403	2.2519
68.02	4.7169	2.1870	68.52	4.8429	2.2533
68.03	4.7194	2.1883	68.53	4.8455	2.2546
68.04	4.7219	2.1896	68.54	4.8481	2.2560
68.05	4.7243	2.1909	68.55	4.8506	2.2573
68.06	4.7268	2.1922	68.56	4.8532	2.2587
68.07	4.7293	2.1935	68.57	4.8558	2.2601
68.08	4.7317	2.1948	68.58	4.8584	2.2614
68.09	4.7342	2.1961	68.59	4.8610	2.2628
68.10	4.7367	2.1974	68.60	4.8636	2.2642
68.11	4.7392	2.1987	68.61	4.8662	2.2655
68.12	4.7416	2.2000	68.62	4.8688	2.2669
68.13	4.7441	2.2013	68.63	4.8714	2.2683
68.14	4.7466	2.2027	68.64	4.8740	2.2696
68.15	4.7491	2.2040	68.65	4.8767	2.2710
68.16	4.7516	2.2053	68.66	4.8793	2.2724
68.17	4.7541	2.2066	68.67	4.8819	2.2737
68.18	4.7566	2.2079	68.68	4.8845	2.2751
68.19	4.7591	2.2092	68.69	4.8871	2.2765
68.20	4.7616	2.2105	68.70	4.8898	2.2779
68.21	4.7641	2.2118	68.71	4.8924	2.2793
68.22	4.7666	2.2132	68.72	4.8950	2.2806
68.23	4.7691	2.2145	68.73	4.8977	2.2820
68.24	4.7716	2.2158	68.74	4.9003	2.2834
68.25	4.7741	2.2171	68.75	4.9029	2.2848
68.26	4.7766	2.2184	68.76	4.9056	2.2862
68.27	4.7792	2.2198	68.77	4.9082	2.2876
68.28	4.7817	2.2211	68.78	4.9109	2.2889
68.29	4.7842	2.2224	68.79	4.9135	2.2903
68.30	4.7867	2.2237	68.80	4.9162	2.2917
68.31	4.7892	2.2251	68.81	4.9188	2.2931
68.32	4.7918	2.2264	68.82	4.9215	2.2945
68.33	4.7943	2.2277	68.83	4.9241	2.2959
68.34	4.7968	2.2291	68.84	4.9268	2.2973
68.35	4.7994	2.2304	68.85	4.9295	2.2987
68.36	4.8019	2.2317	68.86	4.9321	2.3001
68.37	4.8045	2.2331	68.87	4.9348	2.3015
68.38	4.8070	2.2344	68.88	4.9375	2.3029
68.39	4.8096	2.2358	68.89	4.9401	2.3043
68.40	4.8121	2.2371	68.90	4.9428	2.3057
68.41	4.8147	2.2384	68.91	4.9455	2.3071
68.42	4.8172	2.2398	68.92	4.9482	2.3085
68.43	4.8198	2.2411	68.93	4.9509	2.3099
68.44	4.8223	2.2425	68.94	4.9535	2.3113
68.45	4.8249	2.2438	68.95	4.9562	2.3127
68.46	4.8275	2.2452	68.96	4.9589	2.3142
68.47	4.8300	2.2465	68.97	4.9616	2.3156
68.48	4.8326	2.2479	68.98	4.9643	2.3170
68.49	4.8352	2.2492	68.99	4.9670	2.3184

THETA	L-P I	L-P II	THETA	L-P I	L-P II
69.00	4.9697	2.3198	69.50	5.1084	2.3924
69.01	4.9724	2.3212	69.51	5.1112	2.3939
69.02	4.9751	2.3227	69.52	5.1141	2.3954
69.03	4.9779	2.3241	69.53	5.1169	2.3969
69.04	4.9806	2.3255	69.54	5.1198	2.3984
69.05	4.9833	2.3269	69.55	5.1226	2.3999
69.06	4.9860	2.3284	69.56	5.1255	2.4014
69.07	4.9887	2.3298	69.57	5.1284	2.4029
69.08	4.9915	2.3312	69.58	5.1312	2.4044
69.09	4.9942	2.3326	69.59	5.1341	2.4059
69.10	4.9969	2.3341	69.60	5.1370	2.4074
69.11	4.9996	2.3355	69.61	5.1398	2.4089
69.12	5.0024	2.3369	69.62	5.1427	2.4104
69.13	5.0051	2.3384	69.63	5.1456	2.4119
69.14	5.0079	2.3398	69.64	5.1485	2.4134
69.15	5.0106	2.3412	69.65	5.1514	2.4149
69.16	5.0134	2.3427	69.66	5.1542	2.4164
69.17	5.0161	2.3441	69.67	5.1571	2.4179
69.18	5.0189	2.3456	69.68	5.1600	2.4195
69.19	5.0216	2.3470	69.69	5.1629	2.4210
69.20	5.0244	2.3485	69.70	5.1658	2.4225
69.21	5.0271	2.3499	69.71	5.1687	2.4240
69.22	5.0299	2.3513	69.72	5.1716	2.4255
69.23	5.0327	2.3528	69.73	5.1745	2.4270
69.24	5.0354	2.3542	69.74	5.1775	2.4286
69.25	5.0382	2.3557	69.75	5.1804	2.4301
69.26	5.0410	2.3572	69.76	5.1833	2.4316
69.27	5.0438	2.3586	69.77	5.1862	2.4331
69.28	5.0465	2.3601	69.78	5.1891	2.4347
69.29	5.0493	2.3615	69.79	5.1921	2.4362
69.30	5.0521	2.3630	69.80	5.1950	2.4377
69.31	5.0549	2.3644	69.81	5.1979	2.4393
69.32	5.0577	2.3659	69.82	5.2008	2.4408
69.33	5.0605	2.3674	69.83	5.2038	2.4423
69.34	5.0633	2.3688	69.84	5.2067	2.4439
69.35	5.0661	2.3703	69.85	5.2097	2.4454
69.36	5.0689	2.3718	69.86	5.2126	2.4469
69.37	5.0717	2.3732	69.87	5.2156	2.4485
69.38	5.0745	2.3747	69.88	5.2185	2.4500
69.39	5.0773	2.3762	69.89	5.2215	2.4516
69.40	5.0801	2.3776	69.90	5.2244	2.4531
69.41	5.0829	2.3791	69.91	5.2274	2.4547
69.42	5.0857	2.3806	69.92	5.2304	2.4562
69.43	5.0886	2.3821	69.93	5.2333	2.4578
69.44	5.0914	2.3835	69.94	5.2363	2.4593
69.45	5.0942	2.3850	69.95	5.2393	2.4609
69.46	5.0970	2.3865	69.96	5.2422	2.4624
69.47	5.0999	2.3880	69.97	5.2452	2.4640
69.48	5.1027	2.3895	69.98	5.2482	2.4655
69.49	5.1056	2.3910	69.99	5.2512	2.4671

THETA	L-P I	L-P II	THETA	L-P I	L-P II
70.00	5.2542	2.4687	70.50	5.4076	2.5487
70.01	5.2572	2.4702	70.51	5.4107	2.5504
70.02	5.2602	2.4718	70.52	5.4139	2.5520
70.03	5.2632	2.4734	70.53	5.4170	2.5536
70.04	5.2662	2.4749	70.54	5.4202	2.5553
70.05	5.2692	2.4765	70.55	5.4234	2.5569
70.06	5.2722	2.4781	70.56	5.4265	2.5586
70.07	5.2752	2.4796	70.57	5.4297	2.5602
70.08	5.2782	2.4812	70.58	5.4329	2.5619
70.09	5.2812	2.4828	70.59	5.4361	2.5635
70.10	5.2842	2.4844	70.60	5.4392	2.5652
70.11	5.2873	2.4859	70.61	5.4424	2.5669
70.12	5.2903	2.4875	70.62	5.4456	2.5685
70.13	5.2933	2.4891	70.63	5.4488	2.5702
70.14	5.2963	2.4907	70.64	5.4520	2.5718
70.15	5.2994	2.4923	70.65	5.4552	2.5735
70.16	5.3024	2.4938	70.66	5.4584	2.5752
70.17	5.3055	2.4954	70.67	5.4616	2.5768
70.18	5.3085	2.4970	70.68	5.4648	2.5785
70.19	5.3116	2.4986	70.69	5.4680	2.5802
70.20	5.3146	2.5002	70.70	5.4712	2.5819
70.21	5.3177	2.5018	70.71	5.4744	2.5835
70.22	5.3207	2.5034	70.72	5.4776	2.5852
70.23	5.3238	2.5050	70.73	5.4809	2.5869
70.24	5.3268	2.5066	70.74	5.4841	2.5886
70.25	5.3299	2.5082	70.75	5.4873	2.5903
70.26	5.3330	2.5098	70.76	5.4906	2.5919
70.27	5.3360	2.5114	70.77	5.4938	2.5936
70.28	5.3391	2.5130	70.78	5.4970	2.5953
70.29	5.3422	2.5146	70.79	5.5003	2.5970
70.30	5.3453	2.5162	70.80	5.5035	2.5987
70.31	5.3484	2.5178	70.81	5.5068	2.6004
70.32	5.3515	2.5194	70.82	5.5100	2.6021
70.33	5.3545	2.5210	70.83	5.5133	2.6038
70.34	5.3576	2.5227	70.84	5.5165	2.6055
70.35	5.3607	2.5243	70.85	5.5198	2.6072
70.36	5.3638	2.5259	70.86	5.5231	2.6089
70.37	5.3669	2.5275	70.87	5.5263	2.6106
70.38	5.3700	2.5291	70.88	5.5296	2.6123
70.39	5.3732	2.5308	70.89	5.5329	2.6140
70.40	5.3763	2.5324	70.90	5.5362	2.6157
70.41	5.3794	2.5340	70.91	5.5395	2.6174
70.42	5.3825	2.5356	70.92	5.5427	2.6191
70.43	5.3856	2.5373	70.93	5.5460	2.6208
70.44	5.3888	2.5389	70.94	5.5493	2.6225
70.45	5.3919	2.5405	70.95	5.5526	2.6243
70.46	5.3950	2.5422	70.96	5.5559	2.6260
70.47	5.3982	2.5438	70.97	5.5592	2.6277
70.48	5.4013	2.5454	70.98	5.5625	2.6294
70.49	5.4044	2.5471	70.99	5.5659	2.6311

THETA	L-P I	L-P II	THETA	L-P I	L-P II
71.00	5.5692	2.6329	71.50	5.7395	2.7215
71.01	5.5725	2.6346	71.51	5.7430	2.7233
71.02	5.5758	2.6363	71.52	5.7465	2.7251
71.03	5.5791	2.6381	71.53	5.7500	2.7269
71.04	5.5825	2.6398	71.54	5.7536	2.7288
71.05	5.5858	2.6415	71.55	5.7571	2.7306
71.06	5.5891	2.6433	71.56	5.7606	2.7324
71.07	5.5925	2.6450	71.57	5.7641	2.7342
71.08	5.5958	2.6467	71.58	5.7676	2.7361
71.09	5.5992	2.6485	71.59	5.7712	2.7379
71.10	5.6025	2.6502	71.60	5.7747	2.7397
71.11	5.6059	2.6520	71.61	5.7782	2.7416
71.12	5.6092	2.6537	71.62	5.7818	2.7434
71.13	5.6126	2.6555	71.63	5.7853	2.7453
71.14	5.6160	2.6572	71.64	5.7889	2.7471
71.15	5.6193	2.6590	71.65	5.7924	2.7490
71.16	5.6227	2.6607	71.66	5.7960	2.7508
71.17	5.6261	2.6625	71.67	5.7996	2.7527
71.18	5.6294	2.6642	71.68	5.8031	2.7545
71.19	5.6328	2.6660	71.69	5.8067	2.7564
71.20	5.6362	2.6678	71.70	5.8103	2.7582
71.21	5.6396	2.6695	71.71	5.8139	2.7601
71.22	5.6430	2.6713	71.72	5.8174	2.7619
71.23	5.6464	2.6731	71.73	5.8210	2.7638
71.24	5.6498	2.6749	71.74	5.8246	2.7657
71.25	5.6532	2.6766	71.75	5.8282	2.7675
71.26	5.6566	2.6784	71.76	5.8318	2.7694
71.27	5.6600	2.6801	71.77	5.8354	2.7713
71.28	5.6634	2.6819	71.78	5.8390	2.7731
71.29	5.6669	2.6837	71.79	5.8426	2.7750
71.30	5.6703	2.6855	71.80	5.8462	2.7769
71.31	5.6737	2.6873	71.81	5.8499	2.7788
71.32	5.6771	2.6890	71.82	5.8535	2.7806
71.33	5.6806	2.6908	71.83	5.8571	2.7825
71.34	5.6840	2.6926	71.84	5.8607	2.7844
71.35	5.6875	2.6944	71.85	5.8644	2.7863
71.36	5.6909	2.6962	71.86	5.8680	2.7882
71.37	5.6944	2.6980	71.87	5.8716	2.7901
71.38	5.6978	2.6998	71.88	5.8753	2.7920
71.39	5.7013	2.7016	71.89	5.8789	2.7939
71.40	5.7047	2.7034	71.90	5.8826	2.7957
71.41	5.7082	2.7052	71.91	5.8862	2.7976
71.42	5.7116	2.7070	71.92	5.8899	2.7995
71.43	5.7151	2.7088	71.93	5.8936	2.8014
71.44	5.7186	2.7106	71.94	5.8972	2.8033
71.45	5.7221	2.7124	71.95	5.9009	2.8053
71.46	5.7256	2.7142	71.96	5.9046	2.8072
71.47	5.7290	2.7160	71.97	5.9083	2.8091
71.48	5.7325	2.7178	71.98	5.9120	2.8110
71.49	5.7360	2.7196	71.99	5.9157	2.8129

THETA	L-P I	L-P II	THETA	L-P I	L-P II
72.00	5.9193	2.8148	72.50	6.1094	2.9133
72.01	5.9230	2.8167	72.51	6.1133	2.9153
72.02	5.9267	2.8187	72.52	6.1172	2.9174
72.03	5.9305	2.8206	72.53	6.1211	2.9194
72.04	5.9342	2.8225	72.54	6.1251	2.9214
72.05	5.9379	2.8244	72.55	6.1290	2.9235
72.06	5.9416	2.8264	72.56	6.1329	2.9255
72.07	5.9453	2.8283	72.57	6.1369	2.9275
72.08	5.9490	2.8302	72.58	6.1408	2.9296
72.09	5.9528	2.8322	72.59	6.1447	2.9316
72.10	5.9565	2.8341	72.60	6.1487	2.9337
72.11	5.9602	2.8360	72.61	6.1527	2.9357
72.12	5.9640	2.8380	72.62	6.1566	2.9378
72.13	5.9677	2.8399	72.63	6.1606	2.9398
72.14	5.9715	2.8419	72.64	6.1646	2.9419
72.15	5.9752	2.8438	72.65	6.1685	2.9439
72.16	5.9790	2.8458	72.66	6.1725	2.9460
72.17	5.9828	2.8477	72.67	6.1765	2.9481
72.18	5.9865	2.8497	72.68	6.1805	2.9501
72.19	5.9903	2.8516	72.69	6.1845	2.9522
72.20	5.9941	2.8536	72.70	6.1885	2.9542
72.21	5.9979	2.8555	72.71	6.1925	2.9563
72.22	6.0017	2.8575	72.72	6.1965	2.9584
72.23	6.0054	2.8595	72.73	6.2005	2.9605
72.24	6.0092	2.8614	72.74	6.2045	2.9625
72.25	6.0130	2.8634	72.75	6.2085	2.9646
72.26	6.0168	2.8654	72.76	6.2125	2.9667
72.27	6.0206	2.8673	72.77	6.2166	2.9688
72.28	6.0245	2.8693	72.78	6.2206	2.9709
72.29	6.0283	2.8713	72.79	6.2246	2.9730
72.30	6.0321	2.8733	72.80	6.2287	2.9751
72.31	6.0359	2.8753	72.81	6.2327	2.9772
72.32	6.0397	2.8772	72.82	6.2368	2.9793
72.33	6.0436	2.8792	72.83	6.2408	2.9813
72.34	6.0474	2.8812	72.84	6.2449	2.9834
72.35	6.0513	2.8832	72.85	6.2490	2.9856
72.36	6.0551	2.8852	72.86	6.2530	2.9877
72.37	6.0590	2.8872	72.87	6.2571	2.9898
72.38	6.0628	2.8892	72.88	6.2612	2.9919
72.39	6.0667	2.8912	72.89	6.2653	2.9940
72.40	6.0705	2.8932	72.90	6.2694	2.9961
72.41	6.0744	2.8952	72.91	6.2735	2.9982
72.42	6.0783	2.8972	72.92	6.2776	3.0003
72.43	6.0821	2.8992	72.93	6.2817	3.0025
72.44	6.0860	2.9012	72.94	6.2858	3.0046
72.45	6.0899	2.9032	72.95	6.2899	3.0067
72.46	6.0938	2.9052	72.96	6.2940	3.0088
72.47	6.0977	2.9073	72.97	6.2981	3.0110
72.48	6.1016	2.9093	72.98	6.3022	3.0131
72.49	6.1055	2.9113	72.99	6.3064	3.0152

THETA	L-P I	L-P II	THETA	L-P I	L-P II
73.00	6.3105	3.0174	73.50	6.5237	3.1275
73.01	6.3147	3.0195	73.51	6.5281	3.1298
73.02	6.3188	3.0217	73.52	6.5325	3.1321
73.03	6.3230	3.0238	73.53	6.5369	3.1343
73.04	6.3271	3.0260	73.54	6.5413	3.1366
73.05	6.3313	3.0281	73.55	6.5457	3.1389
73.06	6.3354	3.0303	73.56	6.5501	3.1412
73.07	6.3396	3.0324	73.57	6.5545	3.1434
73.08	6.3438	3.0346	73.58	6.5590	3.1457
73.09	6.3480	3.0367	73.59	6.5634	3.1480
73.10	6.3522	3.0389	73.60	6.5678	3.1503
73.11	6.3563	3.0411	73.61	6.5723	3.1526
73.12	6.3605	3.0432	73.62	6.5767	3.1549
73.13	6.3647	3.0454	73.63	6.5812	3.1572
73.14	6.3689	3.0476	73.64	6.5857	3.1595
73.15	6.3732	3.0498	73.65	6.5901	3.1618
73.16	6.3774	3.0519	73.66	6.5946	3.1641
73.17	6.3816	3.0541	73.67	6.5991	3.1664
73.18	6.3858	3.0563	73.68	6.6036	3.1687
73.19	6.3900	3.0585	73.69	6.6081	3.1711
73.20	6.3943	3.0607	73.70	6.6126	3.1734
73.21	6.3985	3.0629	73.71	6.6171	3.1757
73.22	6.4028	3.0651	73.72	6.6216	3.1780
73.23	6.4070	3.0673	73.73	6.6261	3.1804
73.24	6.4113	3.0695	73.74	6.6306	3.1827
73.25	6.4155	3.0717	73.75	6.6351	3.1850
73.26	6.4198	3.0739	73.76	6.6396	3.1874
73.27	6.4241	3.0761	73.77	6.6442	3.1897
73.28	6.4283	3.0783	73.78	6.6487	3.1920
73.29	6.4326	3.0805	73.79	6.6532	3.1944
73.30	6.4369	3.0827	73.80	6.6578	3.1967
73.31	6.4412	3.0849	73.81	6.6624	3.1991
73.32	6.4455	3.0871	73.82	6.6669	3.2014
73.33	6.4498	3.0894	73.83	6.6715	3.2038
73.34	6.4541	3.0916	73.84	6.6760	3.2061
73.35	6.4584	3.0938	73.85	6.6806	3.2085
73.36	6.4627	3.0960	73.86	6.6852	3.2109
73.37	6.4670	3.0983	73.87	6.6898	3.2132
73.38	6.4714	3.1005	73.88	6.6944	3.2156
73.39	6.4757	3.1027	73.89	6.6990	3.2180
73.40	6.4800	3.1050	73.90	6.7036	3.2203
73.41	6.4844	3.1072	73.91	6.7082	3.2227
73.42	6.4887	3.1095	73.92	6.7128	3.2251
73.43	6.4931	3.1117	73.93	6.7174	3.2275
73.44	6.4974	3.1140	73.94	6.7221	3.2299
73.45	6.5018	3.1162	73.95	6.7267	3.2323
73.46	6.5062	3.1185	73.96	6.7313	3.2346
73.47	6.5105	3.1207	73.97	6.7360	3.2370
73.48	6.5149	3.1230	73.98	6.7406	3.2394
73.49	6.5193	3.1253	73.99	6.7453	3.2418

THETA	L-P I	L-P II	THETA	L-P I	L-P II
74.00	6.7500	3.2442	74.50	6.9906	3.3682
74.01	6.7546	3.2466	74.51	6.9955	3.3707
74.02	6.7593	3.2491	74.52	7.0005	3.3733
74.03	6.7640	3.2515	74.53	7.0055	3.3758
74.04	6.7687	3.2539	74.54	7.0105	3.3784
74.05	6.7734	3.2563	74.55	7.0155	3.3810
74.06	6.7780	3.2587	74.56	7.0205	3.3836
74.07	6.7828	3.2611	74.57	7.0255	3.3861
74.08	6.7875	3.2636	74.58	7.0305	3.3887
74.09	6.7922	3.2660	74.59	7.0355	3.3913
74.10	6.7969	3.2684	74.60	7.0405	3.3939
74.11	6.8016	3.2709	74.61	7.0456	3.3965
74.12	6.8063	3.2733	74.62	7.0506	3.3991
74.13	6.8111	3.2757	74.63	7.0557	3.4017
74.14	6.8158	3.2782	74.64	7.0607	3.4043
74.15	6.8206	3.2806	74.65	7.0658	3.4069
74.16	6.8253	3.2831	74.66	7.0708	3.4095
74.17	6.8301	3.2855	74.67	7.0759	3.4121
74.18	6.8349	3.2880	74.68	7.0810	3.4147
74.19	6.8396	3.2904	74.69	7.0861	3.4173
74.20	6.8444	3.2929	74.70	7.0911	3.4199
74.21	6.8492	3.2954	74.71	7.0962	3.4225
74.22	6.8540	3.2978	74.72	7.1013	3.4252
74.23	6.8588	3.3003	74.73	7.1065	3.4278
74.24	6.8636	3.3028	74.74	7.1116	3.4304
74.25	6.8684	3.3053	74.75	7.1167	3.4330
74.26	6.8732	3.3077	74.76	7.1218	3.4357
74.27	6.8780	3.3102	74.77	7.1270	3.4383
74.28	6.8829	3.3127	74.78	7.1321	3.4410
74.29	6.8877	3.3152	74.79	7.1372	3.4436
74.30	6.8925	3.3177	74.80	7.1424	3.4463
74.31	6.8974	3.3202	74.81	7.1476	3.4489
74.32	6.9022	3.3227	74.82	7.1527	3.4516
74.33	6.9071	3.3252	74.83	7.1579	3.4542
74.34	6.9119	3.3277	74.84	7.1631	3.4569
74.35	6.9168	3.3302	74.85	7.1683	3.4596
74.36	6.9217	3.3327	74.86	7.1735	3.4622
74.37	6.9266	3.3352	74.87	7.1787	3.4649
74.38	6.9315	3.3377	74.88	7.1839	3.4676
74.39	6.9363	3.3403	74.89	7.1891	3.4703
74.40	6.9412	3.3428	74.90	7.1943	3.4730
74.41	6.9461	3.3453	74.91	7.1996	3.4757
74.42	6.9511	3.3478	74.92	7.2048	3.4783
74.43	6.9560	3.3504	74.93	7.2100	3.4810
74.44	6.9609	3.3529	74.94	7.2153	3.4837
74.45	6.9658	3.3554	74.95	7.2205	3.4864
74.46	6.9708	3.3580	74.96	7.2258	3.4891
74.47	6.9757	3.3605	74.97	7.2311	3.4919
74.48	6.9807	3.3631	74.98	7.2364	3.4946
74.49	6.9856	3.3656	74.99	7.2416	3.4973

THETA	L-P I	L-P II	THETA	L-P I	L-P II
75.00	7.2469	3.5000	75.50	7.5206	3.6405
75.01	7.2522	3.5027	75.51	7.5262	3.6434
75.02	7.2575	3.5054	75.52	7.5319	3.6463
75.03	7.2628	3.5082	75.53	7.5376	3.6492
75.04	7.2682	3.5109	75.54	7.5433	3.6522
75.05	7.2735	3.5136	75.55	7.5490	3.6551
75.06	7.2788	3.5164	75.56	7.5547	3.6580
75.07	7.2842	3.5191	75.57	7.5604	3.6609
75.08	7.2895	3.5219	75.58	7.5661	3.6639
75.09	7.2949	3.5246	75.59	7.5718	3.6668
75.10	7.3002	3.5274	75.60	7.5775	3.6697
75.11	7.3056	3.5301	75.61	7.5833	3.6727
75.12	7.3110	3.5329	75.62	7.5890	3.6756
75.13	7.3163	3.5357	75.63	7.5948	3.6786
75.14	7.3217	3.5384	75.64	7.6005	3.6815
75.15	7.3271	3.5412	75.65	7.6063	3.6845
75.16	7.3325	3.5440	75.66	7.6121	3.6875
75.17	7.3379	3.5468	75.67	7.6179	3.6904
75.18	7.3434	3.5495	75.68	7.6237	3.6934
75.19	7.3488	3.5523	75.69	7.6295	3.6964
75.20	7.3542	3.5551	75.70	7.6353	3.6994
75.21	7.3597	3.5579	75.71	7.6411	3.7023
75.22	7.3651	3.5607	75.72	7.6469	3.7053
75.23	7.3706	3.5635	75.73	7.6528	3.7083
75.24	7.3760	3.5663	75.74	7.6586	3.7113
75.25	7.3815	3.5691	75.75	7.6645	3.7143
75.26	7.3870	3.5719	75.76	7.6703	3.7173
75.27	7.3924	3.5747	75.77	7.6762	3.7203
75.28	7.3979	3.5776	75.78	7.6821	3.7233
75.29	7.4034	3.5804	75.79	7.6879	3.7264
75.30	7.4089	3.5832	75.80	7.6938	3.7294
75.31	7.4144	3.5860	75.81	7.6997	3.7324
75.32	7.4200	3.5889	75.82	7.7056	3.7354
75.33	7.4255	3.5917	75.83	7.7115	3.7385
75.34	7.4310	3.5946	75.84	7.7175	3.7415
75.35	7.4366	3.5974	75.85	7.7234	3.7445
75.36	7.4421	3.6002	75.86	7.7293	3.7476
75.37	7.4477	3.6031	75.87	7.7353	3.7506
75.38	7.4532	3.6060	75.88	7.7412	3.7537
75.39	7.4588	3.6088	75.89	7.7472	3.7567
75.40	7.4644	3.6117	75.90	7.7532	3.7598
75.41	7.4700	3.6145	75.91	7.7592	3.7629
75.42	7.4756	3.6174	75.92	7.7651	3.7659
75.43	7.4812	3.6203	75.93	7.7711	3.7690
75.44	7.4868	3.6232	75.94	7.7771	3.7721
75.45	7.4924	3.6260	75.95	7.7832	3.7752
75.46	7.4980	3.6289	75.96	7.7892	3.7782
75.47	7.5036	3.6318	75.97	7.7952	3.7813
75.48	7.5093	3.6347	75.98	7.8013	3.7844
75.49	7.5149	3.6376	75.99	7.8073	3.7875

THETA	L-P I	L-P II	THETA	L-P I	L-P II
76.00	7.8134	3.7906	76.50	8.1273	3.9514
76.01	7.8194	3.7937	76.51	8.1338	3.9547
76.02	7.8255	3.7969	76.52	8.1404	3.9581
76.03	7.8316	3.8000	76.53	8.1469	3.9614
76.04	7.8377	3.8031	76.54	8.1534	3.9647
76.05	7.8438	3.8062	76.55	8.1600	3.9681
76.06	7.8499	3.8093	76.56	8.1665	3.9714
76.07	7.8560	3.8125	76.57	8.1731	3.9748
76.08	7.8621	3.8156	76.58	8.1797	3.9782
76.09	7.8682	3.8188	76.59	8.1863	3.9815
76.10	7.8744	3.8219	76.60	8.1929	3.9849
76.11	7.8805	3.8250	76.61	8.1995	3.9883
76.12	7.8867	3.8282	76.62	8.2061	3.9917
76.13	7.8929	3.8314	76.63	8.2127	3.9951
76.14	7.8990	3.8345	76.64	8.2194	3.9985
76.15	7.9052	3.8377	76.65	8.2260	4.0019
76.16	7.9114	3.8409	76.66	8.2327	4.0053
76.17	7.9176	3.8440	76.67	8.2393	4.0087
76.18	7.9238	3.8472	76.68	8.2460	4.0121
76.19	7.9300	3.8504	76.69	8.2527	4.0155
76.20	7.9363	3.8536	76.70	8.2594	4.0189
76.21	7.9425	3.8568	76.71	8.2661	4.0224
76.22	7.9488	3.8600	76.72	8.2728	4.0258
76.23	7.9550	3.8632	76.73	8.2795	4.0292
76.24	7.9613	3.8664	76.74	8.2863	4.0327
76.25	7.9676	3.8696	76.75	8.2930	4.0361
76.26	7.9738	3.8728	76.76	8.2998	4.0396
76.27	7.9801	3.8760	76.77	8.3065	4.0430
76.28	7.9864	3.8793	76.78	8.3133	4.0465
76.29	7.9927	3.8825	76.79	8.3201	4.0500
76.30	7.9990	3.8857	76.80	8.3269	4.0534
76.31	8.0054	3.8890	76.81	8.3337	4.0569
76.32	8.0117	3.8922	76.82	8.3405	4.0604
76.33	8.0181	3.8955	76.83	8.3473	4.0639
76.34	8.0244	3.8987	76.84	8.3541	4.0674
76.35	8.0308	3.9020	76.85	8.3610	4.0709
76.36	8.0371	3.9052	76.86	8.3678	4.0744
76.37	8.0435	3.9085	76.87	8.3747	4.0779
76.38	8.0499	3.9118	76.88	8.3816	4.0814
76.39	8.0563	3.9150	76.89	8.3885	4.0849
76.40	8.0627	3.9183	76.90	8.3954	4.0884
76.41	8.0691	3.9216	76.91	8.4023	4.0920
76.42	8.0756	3.9249	76.92	8.4092	4.0955
76.43	8.0820	3.9282	76.93	8.4161	4.0990
76.44	8.0885	3.9315	76.94	8.4231	4.1026
76.45	8.0949	3.9348	76.95	8.4300	4.1061
76.46	8.1014	3.9381	76.96	8.4370	4.1097
76.47	8.1078	3.9414	76.97	8.4439	4.1133
76.48	8.1143	3.9447	76.98	8.4509	4.1168
76.49	8.1208	3.9481	76.99	8.4579	4.1204

THETA	L-P I	L-P II	THETA	L-P I	L-P II
77.00	8.4649	4.1240	77.50	8.8288	4.3098
77.01	8.4719	4.1276	77.51	8.8364	4.3136
77.02	8.4789	4.1311	77.52	8.8440	4.3175
77.03	8.4860	4.1347	77.53	8.8516	4.3214
77.04	8.4930	4.1383	77.54	8.8592	4.3253
77.05	8.5001	4.1419	77.55	8.8668	4.3291
77.06	8.5071	4.1455	77.56	8.8744	4.3330
77.07	8.5142	4.1492	77.57	8.8821	4.3369
77.08	8.5213	4.1528	77.58	8.8897	4.3408
77.09	8.5284	4.1564	77.59	8.8974	4.3448
77.10	8.5355	4.1600	77.60	8.9051	4.3487
77.11	8.5426	4.1637	77.61	8.9128	4.3526
77.12	8.5497	4.1673	77.62	8.9205	4.3565
77.13	8.5569	4.1709	77.63	8.9282	4.3605
77.14	8.5640	4.1746	77.64	8.9359	4.3644
77.15	8.5712	4.1783	77.65	8.9436	4.3683
77.16	8.5783	4.1819	77.66	8.9514	4.3723
77.17	8.5855	4.1856	77.67	8.9592	4.3763
77.18	8.5927	4.1893	77.68	8.9669	4.3802
77.19	8.5999	4.1929	77.69	8.9747	4.3842
77.20	8.6071	4.1966	77.70	8.9825	4.3882
77.21	8.6144	4.2003	77.71	8.9903	4.3921
77.22	8.6216	4.2040	77.72	8.9982	4.3961
77.23	8.6288	4.2077	77.73	9.0060	4.4001
77.24	8.6361	4.2114	77.74	9.0138	4.4041
77.25	8.6434	4.2151	77.75	9.0217	4.4081
77.26	8.6507	4.2188	77.76	9.0296	4.4122
77.27	8.6580	4.2226	77.77	9.0375	4.4162
77.28	8.6653	4.2263	77.78	9.0454	4.4202
77.29	8.6726	4.2300	77.79	9.0533	4.4242
77.30	8.6799	4.2338	77.80	9.0612	4.4283
77.31	8.6872	4.2375	77.81	9.0691	4.4323
77.32	8.6946	4.2413	77.82	9.0771	4.4364
77.33	8.7019	4.2450	77.83	9.0851	4.4404
77.34	8.7093	4.2488	77.84	9.0930	4.4445
77.35	8.7167	4.2526	77.85	9.1010	4.4486
77.36	8.7241	4.2563	77.86	9.1090	4.4527
77.37	8.7315	4.2601	77.87	9.1170	4.4567
77.38	8.7389	4.2639	77.88	9.1251	4.4608
77.39	8.7464	4.2677	77.89	9.1331	4.4649
77.40	8.7538	4.2715	77.90	9.1412	4.4690
77.41	8.7612	4.2753	77.91	9.1492	4.4731
77.42	8.7687	4.2791	77.92	9.1573	4.4773
77.43	8.7762	4.2829	77.93	9.1654	4.4814
77.44	8.7837	4.2867	77.94	9.1735	4.4855
77.45	8.7912	4.2906	77.95	9.1816	4.4897
77.46	8.7987	4.2944	77.96	9.1898	4.4938
77.47	8.8062	4.2982	77.97	9.1979	4.4980
77.48	8.8137	4.3021	77.98	9.2061	4.5021
77.49	8.8213	4.3059	77.99	9.2142	4.5063

THETA	L-P I	L-P II	THETA	L-P I	L-P II
78.00	9.2224	4.5104	78.50	9.6495	4.7279
78.01	9.2306	4.5146	78.51	9.6584	4.7324
78.02	9.2388	4.5188	78.52	9.6673	4.7369
78.03	9.2471	4.5230	78.53	9.6762	4.7415
78.04	9.2553	4.5272	78.54	9.6852	4.7461
78.05	9.2636	4.5314	78.55	9.6942	4.7506
78.06	9.2718	4.5356	78.56	9.7032	4.7552
78.07	9.2801	4.5398	78.57	9.7122	4.7598
78.08	9.2884	4.5441	78.58	9.7212	4.7644
78.09	9.2967	4.5483	78.59	9.7302	4.7690
78.10	9.3050	4.5525	78.60	9.7393	4.7736
78.11	9.3134	4.5568	78.61	9.7483	4.7782
78.12	9.3217	4.5610	78.62	9.7574	4.7828
78.13	9.3301	4.5653	78.63	9.7665	4.7874
78.14	9.3384	4.5695	78.64	9.7756	4.7921
78.15	9.3468	4.5738	78.65	9.7848	4.7967
78.16	9.3552	4.5781	78.66	9.7939	4.8013
78.17	9.3637	4.5824	78.67	9.8031	4.8060
78.18	9.3721	4.5867	78.68	9.8122	4.8107
78.19	9.3805	4.5910	78.69	9.8214	4.8153
78.20	9.3890	4.5953	78.70	9.8306	4.8200
78.21	9.3975	4.5996	78.71	9.8399	4.8247
78.22	9.4059	4.6039	78.72	9.8491	4.8294
78.23	9.4145	4.6083	78.73	9.8583	4.8341
78.24	9.4230	4.6126	78.74	9.8676	4.8388
78.25	9.4315	4.6169	78.75	9.8769	4.8436
78.26	9.4400	4.6213	78.76	9.8862	4.8483
78.27	9.4486	4.6256	78.77	9.8955	4.8530
78.28	9.4572	4.6300	78.78	9.9049	4.8578
78.29	9.4658	4.6344	78.79	9.9142	4.8625
78.30	9.4744	4.6388	78.80	9.9236	4.8673
78.31	9.4830	4.6431	78.81	9.9330	4.8721
78.32	9.4916	4.6475	78.82	9.9424	4.8768
78.33	9.5003	4.6519	78.83	9.9518	4.8816
78.34	9.5089	4.6563	78.84	9.9612	4.8864
78.35	9.5176	4.6608	78.85	9.9707	4.8912
78.36	9.5263	4.6652	78.86	9.9802	4.8961
78.37	9.5350	4.6696	78.87	9.9896	4.9009
78.38	9.5437	4.6740	78.88	9.9991	4.9057
78.39	9.5524	4.6785	78.89	10.0087	4.9105
78.40	9.5612	4.6829	78.90	10.0182	4.9154
78.41	9.5699	4.6874	78.91	10.0277	4.9202
78.42	9.5787	4.6919	78.92	10.0373	4.9251
78.43	9.5875	4.6963	78.93	10.0469	4.9300
78.44	9.5963	4.7008	78.94	10.0565	4.9349
78.45	9.6051	4.7053	78.95	10.0661	4.9397
78.46	9.6140	4.7098	78.96	10.0758	4.9446
78.47	9.6228	4.7143	78.97	10.0854	4.9496
78.48	9.6317	4.7188	78.98	10.0951	4.9545
78.49	9.6406	4.7233	78.99	10.1048	4.9594

THETA	L-P I	L-P II	THETA	L-P I	L-P II
79.00	10.1145	4.9643	79.50	10.6228	5.2225
79.01	10.1242	4.9693	79.51	10.6335	5.2279
79.02	10.1339	4.9742	79.52	10.6442	5.2333
79.03	10.1437	4.9792	79.53	10.6549	5.2387
79.04	10.1535	4.9841	79.54	10.6656	5.2442
79.05	10.1633	4.9891	79.55	10.6763	5.2496
79.06	10.1731	4.9941	79.56	10.6871	5.2551
79.07	10.1829	4.9991	79.57	10.6978	5.2605
79.08	10.1927	5.0041	79.58	10.7086	5.2660
79.09	10.2026	5.0091	79.59	10.7194	5.2715
79.10	10.2125	5.0141	79.60	10.7303	5.2770
79.11	10.2224	5.0192	79.61	10.7411	5.2825
79.12	10.2323	5.0242	79.62	10.7520	5.2880
79.13	10.2422	5.0292	79.63	10.7629	5.2935
79.14	10.2522	5.0343	79.64	10.7738	5.2991
79.15	10.2622	5.0394	79.65	10.7847	5.3046
79.16	10.2722	5.0444	79.66	10.7957	5.3102
79.17	10.2822	5.0495	79.67	10.8067	5.3158
79.18	10.2922	5.0546	79.68	10.8177	5.3213
79.19	10.3022	5.0597	79.69	10.8287	5.3269
79.20	10.3123	5.0648	79.70	10.8397	5.3325
79.21	10.3224	5.0699	79.71	10.8508	5.3381
79.22	10.3325	5.0751	79.72	10.8619	5.3438
79.23	10.3426	5.0802	79.73	10.8730	5.3494
79.24	10.3527	5.0853	79.74	10.8841	5.3550
79.25	10.3629	5.0905	79.75	10.8953	5.3607
79.26	10.3730	5.0957	79.76	10.9064	5.3664
79.27	10.3832	5.1008	79.77	10.9176	5.3720
79.28	10.3934	5.1060	79.78	10.9288	5.3777
79.29	10.4037	5.1112	79.79	10.9401	5.3834
79.30	10.4139	5.1164	79.80	10.9513	5.3891
79.31	10.4242	5.1216	79.81	10.9626	5.3948
79.32	10.4345	5.1269	79.82	10.9739	5.4006
79.33	10.4448	5.1321	79.83	10.9852	5.4063
79.34	10.4551	5.1373	79.84	10.9965	5.4121
79.35	10.4654	5.1426	79.85	11.0079	5.4178
79.36	10.4758	5.1478	79.86	11.0193	5.4236
79.37	10.4862	5.1531	79.87	11.0307	5.4294
79.38	10.4966	5.1584	79.88	11.0421	5.4352
79.39	10.5070	5.1637	79.89	11.0536	5.4410
79.40	10.5174	5.1690	79.90	11.0651	5.4468
79.41	10.5279	5.1743	79.91	11.0765	5.4526
79.42	10.5383	5.1796	79.92	11.0881	5.4585
79.43	10.5488	5.1849	79.93	11.0996	5.4643
79.44	10.5593	5.1903	79.94	11.1112	5.4702
79.45	10.5699	5.1956	79.95	11.1228	5.4760
79.46	10.5804	5.2010	79.96	11.1344	5.4819
79.47	10.5910	5.2063	79.97	11.1460	5.4878
79.48	10.6016	5.2117	79.98	11.1577	5.4937
79.49	10.6122	5.2171	79.99	11.1693	5.4997

THETA	L-P I	L-P II	THETA	L-P I	L-P II
80.00	11.1810	5.5056	80.50	11.7968	5.8175
80.01	11.1928	5.5115	80.51	11.8098	5.8241
80.02	11.2045	5.5175	80.52	11.8228	5.8307
80.03	11.2163	5.5234	80.53	11.8358	5.8373
80.04	11.2281	5.5294	80.54	11.8489	5.8439
80.05	11.2399	5.5354	80.55	11.8620	5.8505
80.06	11.2517	5.5414	80.56	11.8751	5.8571
80.07	11.2636	5.5474	80.57	11.8882	5.8638
80.08	11.2755	5.5534	80.58	11.9013	5.8704
80.09	11.2874	5.5595	80.59	11.9145	5.8771
80.10	11.2993	5.5655	80.60	11.9277	5.8838
80.11	11.3113	5.5716	80.61	11.9410	5.8905
80.12	11.3232	5.5777	80.62	11.9542	5.8972
80.13	11.3352	5.5837	80.63	11.9675	5.9039
80.14	11.3473	5.5898	80.64	11.9809	5.9107
80.15	11.3593	5.5959	80.65	11.9942	5.9174
80.16	11.3714	5.6021	80.66	12.0076	5.9242
80.17	11.3835	5.6082	80.67	12.0210	5.9310
80.18	11.3956	5.6143	80.68	12.0344	5.9378
80.19	11.4078	5.6205	80.69	12.0479	5.9446
80.20	11.4199	5.6267	80.70	12.0614	5.9514
80.21	11.4321	5.6328	80.71	12.0749	5.9583
80.22	11.4444	5.6390	80.72	12.0885	5.9651
80.23	11.4566	5.6452	80.73	12.1020	5.9720
80.24	11.4689	5.6514	80.74	12.1156	5.9789
80.25	11.4812	5.6577	80.75	12.1293	5.9858
80.26	11.4935	5.6639	80.76	12.1429	5.9927
80.27	11.5058	5.6702	80.77	12.1566	5.9996
80.28	11.5182	5.6764	80.78	12.1704	6.0066
80.29	11.5306	5.6827	80.79	12.1841	6.0135
80.30	11.5430	5.6890	80.80	12.1979	6.0205
80.31	11.5555	5.6953	80.81	12.2117	6.0275
80.32	11.5680	5.7016	80.82	12.2256	6.0345
80.33	11.5805	5.7080	80.83	12.2394	6.0415
80.34	11.5930	5.7143	80.84	12.2533	6.0485
80.35	11.6055	5.7207	80.85	12.2673	6.0556
80.36	11.6181	5.7270	80.86	12.2812	6.0626
80.37	11.6307	5.7334	80.87	12.2952	6.0697
80.38	11.6433	5.7398	80.88	12.3092	6.0768
80.39	11.6560	5.7462	80.89	12.3233	6.0839
80.40	11.6686	5.7526	80.90	12.3374	6.0910
80.41	11.6813	5.7590	80.91	12.3515	6.0982
80.42	11.6941	5.7655	80.92	12.3656	6.1053
80.43	11.7068	5.7720	80.93	12.3798	6.1125
80.44	11.7196	5.7784	80.94	12.3940	6.1197
80.45	11.7324	5.7849	80.95	12.4082	6.1269
80.46	11.7452	5.7914	80.96	12.4225	6.1341
80.47	11.7581	5.7979	80.97	12.4368	6.1413
80.48	11.7710	5.8044	80.98	12.4511	6.1486
80.49	11.7839	5.8110	80.99	12.4655	6.1558

THETA	L-P I	L-P II	THETA	L-P I	L-P II
81.00	12.4799	6.1631	81.50	13.2419	6.5482
81.01	12.4943	6.1704	81.51	13.2580	6.5564
81.02	12.5087	6.1777	81.52	13.2742	6.5646
81.03	12.5232	6.1850	81.53	13.2904	6.5727
81.04	12.5378	6.1924	81.54	13.3067	6.5810
81.05	12.5523	6.1997	81.55	13.3230	6.5892
81.06	12.5669	6.2071	81.56	13.3393	6.5974
81.07	12.5815	6.2145	81.57	13.3557	6.6057
81.08	12.5961	6.2219	81.58	13.3721	6.6140
81.09	12.6108	6.2293	81.59	13.3885	6.6223
81.10	12.6255	6.2368	81.60	13.4050	6.6306
81.11	12.6403	6.2442	81.61	13.4216	6.6390
81.12	12.6551	6.2517	81.62	13.4381	6.6473
81.13	12.6699	6.2592	81.63	13.4547	6.6557
81.14	12.6847	6.2667	81.64	13.4714	6.6641
81.15	12.6996	6.2742	81.65	13.4880	6.6725
81.16	12.7145	6.2817	81.66	13.5048	6.6810
81.17	12.7294	6.2893	81.67	13.5215	6.6894
81.18	12.7444	6.2968	81.68	13.5383	6.6979
81.19	12.7594	6.3044	81.69	13.5552	6.7064
81.20	12.7744	6.3120	81.70	13.5720	6.7149
81.21	12.7895	6.3197	81.71	13.5889	6.7235
81.22	12.8046	6.3273	81.72	13.6059	6.7320
81.23	12.8198	6.3349	81.73	13.6229	6.7406
81.24	12.8350	6.3426	81.74	13.6399	6.7492
81.25	12.8502	6.3503	81.75	13.6570	6.7578
81.26	12.8654	6.3580	81.76	13.6741	6.7665
81.27	12.8807	6.3657	81.77	13.6913	6.7752
81.28	12.8960	6.3735	81.78	13.7085	6.7836
81.29	12.9114	6.3812	81.79	13.7258	6.7925
81.30	12.9267	6.3890	81.80	13.7430	6.8013
81.31	12.9422	6.3968	81.81	13.7604	6.8100
81.32	12.9576	6.4046	81.82	13.7777	6.8188
81.33	12.9731	6.4124	81.83	13.7952	6.8276
81.34	12.9886	6.4203	81.84	13.8126	6.8364
81.35	13.0042	6.4281	81.85	13.8301	6.8452
81.36	13.0198	6.4360	81.86	13.8476	6.8541
81.37	13.0354	6.4439	81.87	13.8652	6.8629
81.38	13.0511	6.4518	81.88	13.8828	6.8718
81.39	13.0668	6.4598	81.89	13.9005	6.8807
81.40	13.0825	6.4677	81.90	13.9182	6.8897
81.41	13.0983	6.4757	81.91	13.9360	6.8986
81.42	13.1141	6.4837	81.92	13.9538	6.9076
81.43	13.1299	6.4917	81.93	13.9716	6.9166
81.44	13.1458	6.4997	81.94	13.9895	6.9257
81.45	13.1617	6.5077	81.95	14.0074	6.9347
81.46	13.1777	6.5158	81.96	14.0254	6.9438
81.47	13.1937	6.5239	81.97	14.0434	6.9529
81.48	13.2097	6.5320	81.98	14.0615	6.9620
81.49	13.2258	6.5401	81.99	14.0796	6.9711

THETA	L-P I	L-P II	THETA	L-P I	L-P II
82.00	14.0977	6.9803	82.50	15.0660	7.4686
82.01	14.1159	6.9894	82.51	15.0867	7.4790
82.02	14.1342	6.9986	82.52	15.1074	7.4894
82.03	14.1524	7.0079	82.53	15.1282	7.4999
82.04	14.1708	7.0171	82.54	15.1490	7.5104
82.05	14.1891	7.0264	82.55	15.1699	7.5209
82.06	14.2076	7.0357	82.56	15.1909	7.5315
82.07	14.2260	7.0450	82.57	15.2119	7.5421
82.08	14.2445	7.0543	82.58	15.2329	7.5527
82.09	14.2631	7.0637	82.59	15.2540	7.5633
82.10	14.2817	7.0731	82.60	15.2752	7.5740
82.11	14.3004	7.0825	82.61	15.2964	7.5847
82.12	14.3191	7.0919	82.62	15.3177	7.5954
82.13	14.3378	7.1014	82.63	15.3391	7.6062
82.14	14.3566	7.1109	82.64	15.3604	7.6169
82.15	14.3754	7.1204	82.65	15.3819	7.6278
82.16	14.3943	7.1299	82.66	15.4034	7.6386
82.17	14.4132	7.1394	82.67	15.4250	7.6495
82.18	14.4322	7.1490	82.68	15.4466	7.6604
82.19	14.4513	7.1586	82.69	15.4683	7.6713
82.20	14.4703	7.1682	82.70	15.4900	7.6822
82.21	14.4895	7.1779	82.71	15.5118	7.6932
82.22	14.5086	7.1875	82.72	15.5337	7.7042
82.23	14.5279	7.1972	82.73	15.5556	7.7153
82.24	14.5471	7.2070	82.74	15.5776	7.7264
82.25	14.5665	7.2167	82.75	15.5996	7.7375
82.26	14.5858	7.2265	82.76	15.6218	7.7486
82.27	14.6053	7.2363	82.77	15.6439	7.7598
82.28	14.6247	7.2461	82.78	15.6661	7.7710
82.29	14.6442	7.2559	82.79	15.6884	7.7822
82.30	14.6638	7.2658	82.80	15.7108	7.7934
82.31	14.6834	7.2757	82.81	15.7332	7.8047
82.32	14.7031	7.2856	82.82	15.7556	7.8160
82.33	14.7228	7.2956	82.83	15.7782	7.8274
82.34	14.7426	7.3055	82.84	15.8008	7.8388
82.35	14.7624	7.3155	82.85	15.8234	7.8502
82.36	14.7823	7.3255	82.86	15.8461	7.8616
82.37	14.8022	7.3356	82.87	15.8689	7.8731
82.38	14.8222	7.3457	82.88	15.8918	7.8846
82.39	14.8422	7.3558	82.89	15.9147	7.8961
82.40	14.8623	7.3659	82.90	15.9376	7.9077
82.41	14.8824	7.3760	82.91	15.9607	7.9193
82.42	14.9026	7.3862	82.92	15.9838	7.9309
82.43	14.9229	7.3964	82.93	16.0069	7.9426
82.44	14.9432	7.4066	82.94	16.0302	7.9543
82.45	14.9635	7.4169	82.95	16.0535	7.9660
82.46	14.9839	7.4272	82.96	16.0768	7.9778
82.47	15.0044	7.4375	82.97	16.1002	7.9896
82.48	15.0249	7.4478	82.98	16.1237	8.0014
82.49	15.0454	7.4582	82.99	16.1473	8.0133

THETA	L-P I	L-P II	THETA	L-P I	L-P II
83.00	16.1709	8.0252	83.50	17.4438	8.6659
83.01	16.1946	8.0371	83.51	17.4713	8.6797
83.02	16.2184	8.0491	83.52	17.4988	8.6935
83.03	16.2422	8.0611	83.53	17.5264	8.7074
83.04	16.2661	8.0731	83.54	17.5541	8.7213
83.05	16.2901	8.0852	83.55	17.5819	8.7353
83.06	16.3141	8.0973	83.56	17.6097	8.7493
83.07	16.3382	8.1094	83.57	17.6377	8.7634
83.08	16.3624	8.1216	83.58	17.6657	8.7775
83.09	16.3866	8.1338	83.59	17.6938	8.7916
83.10	16.4109	8.1460	83.60	17.7221	8.8058
83.11	16.4353	8.1583	83.61	17.7503	8.8200
83.12	16.4597	8.1706	83.62	17.7787	8.8343
83.13	16.4842	8.1829	83.63	17.8072	8.8486
83.14	16.5088	8.1953	83.64	17.8358	8.8630
83.15	16.5335	8.2077	83.65	17.8644	8.8774
83.16	16.5582	8.2202	83.66	17.8932	8.8919
83.17	16.5830	8.2327	83.67	17.9220	8.9064
83.18	16.6079	8.2452	83.68	17.9509	8.9209
83.19	16.6328	8.2577	83.69	17.9799	8.9355
83.20	16.6579	8.2703	83.70	18.0090	8.9501
83.21	16.6829	8.2830	83.71	18.0382	8.9648
83.22	16.7081	8.2956	83.72	18.0675	8.9795
83.23	16.7333	8.3083	83.73	18.0969	8.9943
83.24	16.7587	8.3211	83.74	18.1263	9.0091
83.25	16.7840	8.3339	83.75	18.1559	9.0240
83.26	16.8095	8.3467	83.76	18.1856	9.0389
83.27	16.8350	8.3595	83.77	18.2153	9.0539
83.28	16.8607	8.3724	83.78	18.2452	9.0689
83.29	16.8863	8.3853	83.79	18.2751	9.0839
83.30	16.9121	8.3983	83.80	18.3051	9.0990
83.31	16.9379	8.4113	83.81	18.3353	9.1142
83.32	16.9639	8.4243	83.82	18.3655	9.1294
83.33	16.9899	8.4374	83.83	18.3958	9.1446
83.34	17.0159	8.4505	83.84	18.4263	9.1599
83.35	17.0421	8.4637	83.85	18.4568	9.1753
83.36	17.0683	8.4769	83.86	18.4874	9.1907
83.37	17.0946	8.4901	83.87	18.5181	9.2061
83.38	17.1210	8.5034	83.88	18.5490	9.2216
83.39	17.1474	8.5167	83.89	18.5799	9.2372
83.40	17.1740	8.5301	83.90	18.6109	9.2528
83.41	17.2006	8.5435	83.91	18.6420	9.2684
83.42	17.2273	8.5569	83.92	18.6732	9.2841
83.43	17.2541	8.5704	83.93	18.7046	9.2999
83.44	17.2809	8.5839	83.94	18.7360	9.3157
83.45	17.3079	8.5975	83.95	18.7675	9.3315
83.46	17.3349	8.6111	83.96	18.7992	9.3474
83.47	17.3620	8.6247	83.97	18.8309	9.3634
83.48	17.3892	8.6384	83.98	18.8628	9.3794
83.49	17.4165	8.6521	83.99	18.8947	9.3954

THETA	L-P I	L-P II	THETA	L-P I	L-P II
84.00	18.9268	9.4115	84.50	20.6769	10.2909
84.01	18.9589	9.4277	84.51	20.7151	10.3101
84.02	18.9912	9.4439	84.52	20.7535	10.3293
84.03	19.0236	9.4602	84.53	20.7920	10.3487
84.04	19.0560	9.4765	84.54	20.8307	10.3681
84.05	19.0886	9.4929	84.55	20.8694	10.3875
84.06	19.1213	9.5093	84.56	20.9084	10.4071
84.07	19.1541	9.5258	84.57	20.9474	10.4267
84.08	19.1871	9.5424	84.58	20.9867	10.4464
84.09	19.2201	9.5590	84.59	21.0260	10.4662
84.10	19.2532	9.5756	84.60	21.0655	10.4860
84.11	19.2865	9.5923	84.61	21.1052	10.5059
84.12	19.3199	9.6091	84.62	21.1450	10.5259
84.13	19.3533	9.6259	84.63	21.1849	10.5460
84.14	19.3869	9.6428	84.64	21.2250	10.5661
84.15	19.4206	9.6597	84.65	21.2652	10.5863
84.16	19.4544	9.6767	84.66	21.3056	10.6066
84.17	19.4884	9.6938	84.67	21.3462	10.6269
84.18	19.5224	9.7109	84.68	21.3869	10.6474
84.19	19.5566	9.7281	84.69	21.4277	10.6679
84.20	19.5909	9.7453	84.70	21.4687	10.6885
84.21	19.6253	9.7626	84.71	21.5099	10.7091
84.22	19.6598	9.7799	84.72	21.5512	10.7299
84.23	19.6944	9.7973	84.73	21.5926	10.7507
84.24	19.7292	9.8148	84.74	21.6343	10.7716
84.25	19.7641	9.8323	84.75	21.6760	10.7925
84.26	19.7991	9.8499	84.76	21.7180	10.8136
84.27	19.8342	9.8675	84.77	21.7601	10.8347
84.28	19.8694	9.8852	84.78	21.8023	10.8559
84.29	19.9048	9.9030	84.79	21.8447	10.8772
84.30	19.9403	9.9208	84.80	21.8873	10.8986
84.31	19.9759	9.9387	84.81	21.9300	10.9201
84.32	20.0116	9.9567	84.82	21.9729	10.9416
84.33	20.0475	9.9747	84.83	22.0160	10.9632
84.34	20.0835	9.9928	84.84	22.0592	10.9849
84.35	20.1196	10.0109	84.85	22.1027	11.0067
84.36	20.1558	10.0291	84.86	22.1462	11.0286
84.37	20.1922	10.0474	84.87	22.1900	11.0505
84.38	20.2287	10.0657	84.88	22.2339	11.0726
84.39	20.2653	10.0841	84.89	22.2780	11.0947
84.40	20.3021	10.1026	84.90	22.3222	11.1169
84.41	20.3389	10.1211	84.91	22.3666	11.1392
84.42	20.3760	10.1397	84.92	22.4112	11.1616
84.43	20.4131	10.1584	84.93	22.4560	11.1841
84.44	20.4504	10.1771	84.94	22.5009	11.2066
84.45	20.4878	10.1959	84.95	22.5461	11.2293
84.46	20.5254	10.2147	84.96	22.5914	11.2520
84.47	20.5630	10.2337	84.97	22.6369	11.2748
84.48	20.6009	10.2527	84.98	22.6825	11.2978
84.49	20.6388	10.2717	84.99	22.7284	11.3208

THETA	L-P I	L-P II	THETA	L-P I	L-P II
85.00	22.7744	11.3439	85.50	25.3350	12.6284
85.01	22.8206	11.3671	85.51	25.3920	12.6570
85.02	22.8670	11.3903	85.52	25.4492	12.6857
85.03	22.9136	11.4137	85.53	25.5067	12.7146
85.04	22.9603	11.4372	85.54	25.5645	12.7435
85.05	23.0073	11.4607	85.55	25.6225	12.7726
85.06	23.0544	11.4844	85.56	25.6808	12.8019
85.07	23.1018	11.5082	85.57	25.7393	12.8312
85.08	23.1493	11.5320	85.58	25.7981	12.8607
85.09	23.1970	11.5559	85.59	25.8572	12.8903
85.10	23.2449	11.5800	85.60	25.9165	12.9201
85.11	23.2930	11.6041	85.61	25.9762	12.9500
85.12	23.3413	11.6284	85.62	26.0360	12.9800
85.13	23.3898	11.6527	85.63	26.0962	13.0102
85.14	23.4385	11.6771	85.64	26.1566	13.0405
85.15	23.4874	11.7017	85.65	26.2173	13.0709
85.16	23.5365	11.7263	85.66	26.2783	13.1015
85.17	23.5858	11.7510	85.67	26.3396	13.1322
85.18	23.6353	11.7759	85.68	26.4011	13.1630
85.19	23.6850	11.8008	85.69	26.4629	13.1940
85.20	23.7350	11.8259	85.70	26.5250	13.2252
85.21	23.7851	11.8510	85.71	26.5874	13.2565
85.22	23.8354	11.8763	85.72	26.6501	13.2879
85.23	23.8859	11.9016	85.73	26.7131	13.3195
85.24	23.9367	11.9271	85.74	26.7764	13.3512
85.25	23.9877	11.9526	85.75	26.8400	13.3831
85.26	24.0388	11.9783	85.76	26.9039	13.4151
85.27	24.0902	12.0041	85.77	26.9680	13.4473
85.28	24.1418	12.0300	85.78	27.0325	13.4796
85.29	24.1937	12.0560	85.79	27.0973	13.5121
85.30	24.2457	12.0821	85.80	27.1624	13.5447
85.31	24.2980	12.1083	85.81	27.2278	13.5775
85.32	24.3505	12.1346	85.82	27.2935	13.6104
85.33	24.4032	12.1611	85.83	27.3595	13.6435
85.34	24.4561	12.1876	85.84	27.4259	13.6768
85.35	24.5093	12.2143	85.85	27.4925	13.7102
85.36	24.5627	12.2411	85.86	27.5595	13.7438
85.37	24.6163	12.2680	85.87	27.6268	13.7775
85.38	24.6702	12.2950	85.88	27.6944	13.8114
85.39	24.7242	12.3221	85.89	27.7624	13.8455
85.40	24.7786	12.3494	85.90	27.8307	13.8797
85.41	24.8331	12.3767	85.91	27.8993	13.9141
85.42	24.8879	12.4042	85.92	27.9682	13.9487
85.43	24.9429	12.4318	85.93	28.0375	13.9834
85.44	24.9982	12.4595	85.94	28.1072	14.0183
85.45	25.0537	12.4874	85.95	28.1772	14.0534
85.46	25.1095	12.5153	85.96	28.2475	14.0886
85.47	25.1655	12.5434	85.97	28.3181	14.1241
85.48	25.2217	12.5716	85.98	28.3892	14.1597
85.49	25.2782	12.6000	85.99	28.4605	14.1954

THETA	L-P I	L-P II	THETA	L-P I	L-P II
86.00	28.5322	14.2314	86.50	32.6391	16.2891
86.01	28.6043	14.2675	86.51	32.7331	16.3362
86.02	28.6768	14.3038	86.52	32.8278	16.3836
86.03	28.7496	14.3403	86.53	32.9230	16.4313
86.04	28.8228	14.3770	86.54	33.0187	16.4793
86.05	28.8963	14.4138	86.55	33.1150	16.5275
86.06	28.9702	14.4509	86.56	33.2118	16.5760
86.07	29.0445	14.4881	86.57	33.3092	16.6248
86.08	29.1192	14.5255	86.58	33.4072	16.6739
86.09	29.1942	14.5631	86.59	33.5057	16.7232
86.10	29.2697	14.6009	86.60	33.6049	16.7729
86.11	29.3455	14.6389	86.61	33.7046	16.8228
86.12	29.4217	14.6771	86.62	33.8049	16.8730
86.13	29.4983	14.7155	86.63	33.9057	16.9236
86.14	29.5753	14.7541	86.64	34.0072	16.9744
86.15	29.6527	14.7929	86.65	34.1093	17.0255
86.16	29.7305	14.8319	86.66	34.2120	17.0770
86.17	29.8087	14.8710	86.67	34.3153	17.1287
86.18	29.8873	14.9104	86.68	34.4193	17.1808
86.19	29.9663	14.9500	86.69	34.5239	17.2331
86.20	30.0457	14.9898	86.70	34.6290	17.2858
86.21	30.1256	15.0298	86.71	34.7349	17.3388
86.22	30.2059	15.0701	86.72	34.8413	17.3921
86.23	30.2865	15.1105	86.73	34.9485	17.4458
86.24	30.3677	15.1512	86.74	35.0562	17.4998
86.25	30.4492	15.1920	86.75	35.1647	17.5541
86.26	30.5312	15.2331	86.76	35.2738	17.6087
86.27	30.6136	15.2744	86.77	35.3836	17.6637
86.28	30.6965	15.3159	86.78	35.4941	17.7190
86.29	30.7798	15.3577	86.79	35.6052	17.7747
86.30	30.8636	15.3996	86.80	35.7170	17.8307
86.31	30.9478	15.4418	86.81	35.8296	17.8870
86.32	31.0325	15.4843	86.82	35.9428	17.9437
86.33	31.1176	15.5269	86.83	36.0568	18.0008
86.34	31.2032	15.5698	86.84	36.1715	18.0582
86.35	31.2893	15.6129	86.85	36.2869	18.1160
86.36	31.3758	15.6563	86.86	36.4030	18.1742
86.37	31.4628	15.6998	86.87	36.5199	18.2327
86.38	31.5503	15.7437	86.88	36.6375	18.2916
86.39	31.6383	15.7878	86.89	36.7559	18.3509
86.40	31.7267	15.8321	86.90	36.8751	18.4106
86.41	31.8157	15.8766	86.91	36.9950	18.4706
86.42	31.9051	15.9214	86.92	37.1157	18.5310
86.43	31.9951	15.9665	86.93	37.2371	18.5919
86.44	32.0855	16.0118	86.94	37.3594	18.6531
86.45	32.1765	16.0574	86.95	37.4825	18.7147
86.46	32.2680	16.1032	86.96	37.6064	18.7767
86.47	32.3600	16.1493	86.97	37.7310	18.8391
86.48	32.4525	16.1956	86.98	37.8566	18.9020
86.49	32.5455	16.2422	86.99	37.9829	18.9653

THETA	L-P I	L-P II	THETA	L-P I	L-P II
87.00	38.1101	19.0289	87.50	45.7639	22.8601
87.01	38.2381	19.0930	87.51	45.9482	22.9524
87.02	38.3670	19.1576	87.52	46.1341	23.0454
87.03	38.4968	19.2225	87.53	46.3214	23.1392
87.04	38.6274	19.2879	87.54	46.5103	23.2337
87.05	38.7589	19.3538	87.55	46.7007	23.3290
87.06	38.8914	19.4201	87.56	46.8927	23.4251
87.07	39.0247	19.4868	87.57	47.0863	23.5220
87.08	39.1589	19.5540	87.58	47.2814	23.6196
87.09	39.2940	19.6217	87.59	47.4782	23.7181
87.10	39.4301	19.6898	87.60	47.6766	23.8174
87.11	39.5671	19.7584	87.61	47.8766	23.9175
87.12	39.7051	19.8275	87.62	48.0784	24.0185
87.13	39.8440	19.8970	87.63	48.2818	24.1203
87.14	39.9839	19.9670	87.64	48.4870	24.2229
87.15	40.1248	20.0376	87.65	48.6939	24.3265
87.16	40.2666	20.1086	87.66	48.9026	24.4309
87.17	40.4095	20.1801	87.67	49.1130	24.5362
87.18	40.5534	20.2521	87.68	49.3253	24.6424
87.19	40.6983	20.3247	87.69	49.5394	24.7496
87.20	40.8442	20.3977	87.70	49.7554	24.8576
87.21	40.9912	20.4713	87.71	49.9732	24.9667
87.22	41.1392	20.5454	87.72	50.1930	25.0766
87.23	41.2883	20.6200	87.73	50.4147	25.1876
87.24	41.4385	20.6952	87.74	50.6384	25.2995
87.25	41.5897	20.7709	87.75	50.8640	25.4124
87.26	41.7421	20.8472	87.76	51.0916	25.5263
87.27	41.8956	20.9240	87.77	51.3213	25.6412
87.28	42.0502	21.0014	87.78	51.5531	25.7572
87.29	42.2059	21.0794	87.79	51.7870	25.8742
87.30	42.3628	21.1579	87.80	52.0229	25.9923
87.31	42.5209	21.2370	87.81	52.2610	26.1114
87.32	42.6801	21.3167	87.82	52.5013	26.2317
87.33	42.8405	21.3970	87.83	52.7439	26.3530
87.34	43.0022	21.4779	87.84	52.9886	26.4755
87.35	43.1650	21.5594	87.85	53.2356	26.5991
87.36	43.3291	21.6416	87.86	53.4850	26.7239
87.37	43.4945	21.7243	87.87	53.7367	26.8498
87.38	43.6610	21.8077	87.88	53.9907	26.9769
87.39	43.8289	21.8917	87.89	54.2472	27.1052
87.40	43.9981	21.9764	87.90	54.5061	27.2347
87.41	44.1685	22.0617	87.91	54.7675	27.3655
87.42	44.3403	22.1477	87.92	55.0314	27.4976
87.43	44.5134	22.2343	87.93	55.2978	27.6308
87.44	44.6878	22.3216	87.94	55.5668	27.7655
87.45	44.8637	22.4096	87.95	55.8384	27.9014
87.46	45.0409	22.4983	87.96	56.1127	28.0386
87.47	45.2195	22.5877	87.97	56.3897	28.1772
87.48	45.3995	22.6778	87.98	56.6695	28.3171
87.49	45.5810	22.7686	87.99	56.9520	28.4585

THETA	L-P I	L-P II	THETA	L-P I	L-P II
88.00	57.2373	28.6012	88.50	76.3501	38.1620
88.01	57.5255	28.7454	88.51	76.8630	38.4185
88.02	57.8166	28.8911	88.52	77.3830	38.6786
88.03	58.1107	29.0382	88.53	77.9100	38.9422
88.04	58.4078	29.1868	88.54	78.4443	39.2094
88.05	58.7079	29.3369	88.55	78.9858	39.4803
88.06	59.0111	29.4886	88.56	79.5349	39.7549
88.07	59.3174	29.6419	88.57	80.0917	40.0334
88.08	59.6270	29.7967	88.58	80.6562	40.3157
88.09	59.9397	29.9532	88.59	81.2288	40.6021
88.10	60.2557	30.1113	88.60	81.8097	40.8926
88.11	60.5752	30.2711	88.61	82.3988	41.1873
88.12	60.8979	30.4326	88.62	82.9965	41.4862
88.13	61.2241	30.5958	88.63	83.6029	41.7895
88.14	61.5539	30.7607	88.64	84.2181	42.0972
88.15	61.8872	30.9275	88.65	84.8426	42.4095
88.16	62.2241	31.0960	88.66	85.4763	42.7265
88.17	62.5647	31.2664	88.67	86.1195	43.0482
88.18	62.9091	31.4387	88.68	86.7726	43.3748
88.19	63.2572	31.6128	88.69	87.4355	43.7063
88.20	63.6092	31.7889	88.70	88.1086	44.0430
88.21	63.9652	31.9670	88.71	88.7922	44.3848
88.22	64.3251	32.1470	88.72	89.4865	44.7321
88.23	64.6891	32.3291	88.73	90.1917	45.0848
88.24	65.0572	32.5133	88.74	90.9081	45.4431
88.25	65.4295	32.6995	88.75	91.6359	45.8071
88.26	65.8062	32.8879	88.76	92.3755	46.1769
88.27	66.1871	33.0785	88.77	93.1271	46.5528
88.28	66.5725	33.2713	88.78	93.8910	46.9349
88.29	66.9624	33.4663	88.79	94.6676	47.3233
88.30	67.3569	33.6636	88.80	95.4570	47.7181
88.31	67.7561	33.8633	88.81	96.2597	48.1195
88.32	68.1599	34.0653	88.82	97.0762	48.5278
88.33	68.5687	34.2698	88.83	97.9064	48.9430
88.34	68.9822	34.4766	88.84	98.7509	49.3653
88.35	69.4009	34.6861	88.85	99.6103	49.7951
88.36	69.8247	34.8980	88.86	100.4846	50.2324
88.37	70.2537	35.1126	88.87	101.3745	50.6774
88.38	70.6879	35.3298	88.88	102.2800	51.1302
88.39	71.1275	35.5497	88.89	103.2021	51.5914
88.40	71.5727	35.7724	88.90	104.1408	52.0608
88.41	72.0234	35.9978	88.91	105.0969	52.5390
88.42	72.4798	36.2261	88.92	106.0706	53.0259
88.43	72.9420	36.4573	88.93	107.0624	53.5219
88.44	73.4102	36.6915	88.94	108.0731	54.0273
88.45	73.8844	36.9287	88.95	109.1029	54.5423
88.46	74.3647	37.1689	88.96	110.1525	55.0672
88.47	74.8513	37.4123	88.97	111.2226	55.6023
88.48	75.3444	37.6589	88.98	112.3135	56.1479
88.49	75.8439	37.9088	88.99	113.4262	56.7043

DEBYE FUNCTIONS

X	PHI (X)	X	PHI (X)	X	PHI (X)	X	PHI (X)
0.	1.00000	0.50	0.88193	1.00	0.77750	1.50	0.68615
0.01	0.99750	0.51	0.87971	1.01	0.77555	1.51	0.68445
0.02	0.99501	0.52	0.87749	1.02	0.77360	1.52	0.68275
0.03	0.99253	0.53	0.87528	1.03	0.77166	1.53	0.68106
0.04	0.99004	0.54	0.87308	1.04	0.76973	1.54	0.67938
0.05	0.98757	0.55	0.87088	1.05	0.76779	1.55	0.67770
0.06	0.98510	0.56	0.86868	1.06	0.76587	1.56	0.67602
0.07	0.98264	0.57	0.86650	1.07	0.76395	1.57	0.67435
0.08	0.98018	0.58	0.86431	1.08	0.76203	1.58	0.67268
0.09	0.97772	0.59	0.86214	1.09	0.76012	1.59	0.67102
0.10	0.97528	0.60	0.85996	1.10	0.75821	1.60	0.66937
0.11	0.97284	0.61	0.85780	1.11	0.75631	1.61	0.66771
0.12	0.97040	0.62	0.85564	1.12	0.75442	1.62	0.66607
0.13	0.96797	0.63	0.85348	1.13	0.75253	1.63	0.66443
0.14	0.96554	0.64	0.85133	1.14	0.75064	1.64	0.66279
0.15	0.96312	0.65	0.84919	1.15	0.74875	1.65	0.66116
0.16	0.96071	0.66	0.84705	1.16	0.74689	1.66	0.65953
0.17	0.95830	0.67	0.84491	1.17	0.74502	1.67	0.65791
0.18	0.95590	0.68	0.84279	1.18	0.74315	1.68	0.65629
0.19	0.95350	0.69	0.84066	1.19	0.74129	1.69	0.65467
0.20	0.95111	0.70	0.83854	1.20	0.73944	1.70	0.65307
0.21	0.94872	0.71	0.83643	1.21	0.73759	1.71	0.65146
0.22	0.94634	0.72	0.83433	1.22	0.73574	1.72	0.64986
0.23	0.94397	0.73	0.83222	1.23	0.73391	1.73	0.64827
0.24	0.94160	0.74	0.83013	1.24	0.73207	1.74	0.64668
0.25	0.93924	0.75	0.82804	1.25	0.73024	1.75	0.64509
0.26	0.93688	0.76	0.82595	1.26	0.72842	1.76	0.64351
0.27	0.93452	0.77	0.82387	1.27	0.72660	1.77	0.64194
0.28	0.93218	0.78	0.82180	1.28	0.72479	1.78	0.64036
0.29	0.92983	0.79	0.81973	1.29	0.72298	1.79	0.63880
0.30	0.92750	0.80	0.81767	1.30	0.72117	1.80	0.63724
0.31	0.92517	0.81	0.81561	1.31	0.71937	1.81	0.63568
0.32	0.92284	0.82	0.81355	1.32	0.71758	1.82	0.63412
0.33	0.92052	0.83	0.81151	1.33	0.71579	1.83	0.63258
0.34	0.91821	0.84	0.80946	1.34	0.71401	1.84	0.63103
0.35	0.91590	0.85	0.80743	1.35	0.71223	1.85	0.62949
0.36	0.91360	0.86	0.80539	1.36	0.71046	1.86	0.62796
0.37	0.91130	0.87	0.80337	1.37	0.70869	1.87	0.62643
0.38	0.90901	0.88	0.80135	1.38	0.70692	1.88	0.62490
0.39	0.90672	0.89	0.79933	1.39	0.70517	1.89	0.62338
0.40	0.90444	0.90	0.79732	1.40	0.70341	1.90	0.62187
0.41	0.90216	0.91	0.79531	1.41	0.70166	1.91	0.62035
0.42	0.89989	0.92	0.79331	1.42	0.69992	1.92	0.61885
0.43	0.89763	0.93	0.79132	1.43	0.69818	1.93	0.61734
0.44	0.89537	0.94	0.78933	1.44	0.69645	1.94	0.61584
0.45	0.89311	0.95	0.78735	1.45	0.69472	1.95	0.61435
0.46	0.89087	0.96	0.78537	1.46	0.69299	1.96	0.61286
0.47	0.88862	0.97	0.78339	1.47	0.69127	1.97	0.61138
0.48	0.88639	0.98	0.78143	1.48	0.68956	1.98	0.60990
0.49	0.88415	0.99	0.77946	1.49	0.68785	1.99	0.60842

X	PHI (X)	X	PHI (X)	X	PHI (X)	X	PHI (X)
2.00	0.60695	2.50	0.53879	3.00	0.48044	3.50	0.43062
2.01	0.60548	2.51	0.53753	3.01	0.47936	3.51	0.42971
2.02	0.60402	2.52	0.53628	3.02	0.47829	3.52	0.42879
2.03	0.60256	2.53	0.53502	3.03	0.47722	3.53	0.42788
2.04	0.60110	2.54	0.53378	3.04	0.47615	3.54	0.42697
2.05	0.59965	2.55	0.53253	3.05	0.47509	3.55	0.42607
2.06	0.59821	2.56	0.53129	3.06	0.47403	3.56	0.42516
2.07	0.59677	2.57	0.53006	3.07	0.47298	3.57	0.42426
2.08	0.59533	2.58	0.52883	3.08	0.47192	3.58	0.42337
2.09	0.59390	2.59	0.52760	3.09	0.47087	3.59	0.42247
2.10	0.59247	2.60	0.52638	3.10	0.46983	3.60	0.42158
2.11	0.59105	2.61	0.52515	3.11	0.46879	3.61	0.42069
2.12	0.58963	2.62	0.52394	3.12	0.46775	3.62	0.41981
2.13	0.58821	2.63	0.52273	3.13	0.46671	3.63	0.41892
2.14	0.58680	2.64	0.52152	3.14	0.46568	3.64	0.41804
2.15	0.58540	2.65	0.52031	3.15	0.46465	3.65	0.41716
2.16	0.58399	2.66	0.51911	3.16	0.46363	3.66	0.41629
2.17	0.58260	2.67	0.51791	3.17	0.46260	3.67	0.41542
2.18	0.58120	2.68	0.51672	3.18	0.46158	3.68	0.41455
2.19	0.57981	2.69	0.51553	3.19	0.46057	3.69	0.41368
2.20	0.57843	2.70	0.51434	3.20	0.45956	3.70	0.41282
2.21	0.57705	2.71	0.51316	3.21	0.45855	3.71	0.41196
2.22	0.57567	2.72	0.51198	3.22	0.45754	3.72	0.41110
2.23	0.57430	2.73	0.51081	3.23	0.45654	3.73	0.41024
2.24	0.57293	2.74	0.50963	3.24	0.45554	3.74	0.40939
2.25	0.57156	2.75	0.50847	3.25	0.45454	3.75	0.40854
2.26	0.57020	2.76	0.50730	3.26	0.45355	3.76	0.40769
2.27	0.56885	2.77	0.50614	3.27	0.45256	3.77	0.40685
2.28	0.56750	2.78	0.50498	3.28	0.45157	3.78	0.40601
2.29	0.56615	2.79	0.50383	3.29	0.45058	3.79	0.40517
2.30	0.56481	2.80	0.50268	3.30	0.44960	3.80	0.40433
2.31	0.56347	2.81	0.50154	3.31	0.44863	3.81	0.40350
2.32	0.56213	2.82	0.50039	3.32	0.44765	3.82	0.40267
2.33	0.56080	2.83	0.49925	3.33	0.44668	3.83	0.40184
2.34	0.55947	2.84	0.49812	3.34	0.44571	3.84	0.40101
2.35	0.55815	2.85	0.49699	3.35	0.44474	3.85	0.40019
2.36	0.55683	2.86	0.49586	3.36	0.44378	3.86	0.39937
2.37	0.55552	2.87	0.49474	3.37	0.44282	3.87	0.39855
2.38	0.55421	2.88	0.49361	3.38	0.44187	3.88	0.39774
2.39	0.55290	2.89	0.49250	3.39	0.44091	3.89	0.39692
2.40	0.55160	2.90	0.49138	3.40	0.43996	3.90	0.39611
2.41	0.55030	2.91	0.49027	3.41	0.43902	3.91	0.39530
2.42	0.54900	2.92	0.48917	3.42	0.43807	3.92	0.39450
2.43	0.54771	2.93	0.48806	3.43	0.43713	3.93	0.39370
2.44	0.54643	2.94	0.48696	3.44	0.43619	3.94	0.39290
2.45	0.54514	2.95	0.48587	3.45	0.43526	3.95	0.39210
2.46	0.54386	2.96	0.48477	3.46	0.43432	3.96	0.39130
2.47	0.54259	2.97	0.48368	3.47	0.43339	3.97	0.39051
2.48	0.54132	2.98	0.48260	3.48	0.43247	3.98	0.38972
2.49	0.54005	2.99	0.48151	3.49	0.43155	3.99	0.38893

X	PHI (X)	X	PHI (X)	X	PHI (X)	X	PHI (X)
4.00	0.38815	4.50	0.35189	5.00	0.32088	5.50	0.29424
4.01	0.38737	4.51	0.35123	5.01	0.32030	5.51	0.29375
4.02	0.38659	4.52	0.35056	5.02	0.31973	5.52	0.29326
4.03	0.38581	4.53	0.34989	5.03	0.31916	5.53	0.29276
4.04	0.38503	4.54	0.34923	5.04	0.31859	5.54	0.29228
4.05	0.38426	4.55	0.34857	5.05	0.31803	5.55	0.29179
4.06	0.38349	4.56	0.34791	5.06	0.31746	5.56	0.29130
4.07	0.38272	4.57	0.34726	5.07	0.31690	5.57	0.29082
4.08	0.38196	4.58	0.34660	5.08	0.31634	5.58	0.29033
4.09	0.38119	4.59	0.34595	5.09	0.31578	5.59	0.28985
4.10	0.38043	4.60	0.34530	5.10	0.31522	5.60	0.28937
4.11	0.37967	4.61	0.34465	5.11	0.31467	5.61	0.28889
4.12	0.37892	4.62	0.34401	5.12	0.31411	5.62	0.28842
4.13	0.37817	4.63	0.34336	5.13	0.31356	5.63	0.28794
4.14	0.37741	4.64	0.34272	5.14	0.31301	5.64	0.28747
4.15	0.37667	4.65	0.34208	5.15	0.31246	5.65	0.28699
4.16	0.37592	4.66	0.34144	5.16	0.31191	5.66	0.28652
4.17	0.37518	4.67	0.34081	5.17	0.31137	5.67	0.28605
4.18	0.37443	4.68	0.34017	5.18	0.31082	5.68	0.28558
4.19	0.37369	4.69	0.33954	5.19	0.31028	5.69	0.28511
4.20	0.37296	4.70	0.33891	5.20	0.30974	5.70	0.28465
4.21	0.37222	4.71	0.33828	5.21	0.30920	5.71	0.28418
4.22	0.37149	4.72	0.33765	5.22	0.30866	5.72	0.28372
4.23	0.37076	4.73	0.33703	5.23	0.30813	5.73	0.28325
4.24	0.37003	4.74	0.33641	5.24	0.30759	5.74	0.28279
4.25	0.36931	4.75	0.33579	5.25	0.30706	5.75	0.28233
4.26	0.36858	4.76	0.33517	5.26	0.30653	5.76	0.28188
4.27	0.36786	4.77	0.33455	5.27	0.30600	5.77	0.28142
4.28	0.36715	4.78	0.33394	5.28	0.30547	5.78	0.28096
4.29	0.36643	4.79	0.33332	5.29	0.30494	5.79	0.28051
4.30	0.36572	4.80	0.33271	5.30	0.30442	5.80	0.28005
4.31	0.36500	4.81	0.33210	5.31	0.30389	5.81	0.27960
4.32	0.36429	4.82	0.33150	5.32	0.30337	5.82	0.27915
4.33	0.36359	4.83	0.33089	5.33	0.30285	5.83	0.27870
4.34	0.36288	4.84	0.33029	5.34	0.30233	5.84	0.27826
4.35	0.36218	4.85	0.32969	5.35	0.30182	5.85	0.27781
4.36	0.36148	4.86	0.32909	5.36	0.30130	5.86	0.27736
4.37	0.36078	4.87	0.32849	5.37	0.30079	5.87	0.27692
4.38	0.36008	4.88	0.32789	5.38	0.30027	5.88	0.27648
4.39	0.35939	4.89	0.32730	5.39	0.29976	5.89	0.27603
4.40	0.35870	4.90	0.32670	5.40	0.29925	5.90	0.27559
4.41	0.35801	4.91	0.32611	5.41	0.29875	5.91	0.27516
4.42	0.35732	4.92	0.32552	5.42	0.29824	5.92	0.27472
4.43	0.35663	4.93	0.32494	5.43	0.29773	5.93	0.27428
4.44	0.35595	4.94	0.32435	5.44	0.29723	5.94	0.27385
4.45	0.35527	4.95	0.32377	5.45	0.29673	5.95	0.27341
4.46	0.35459	4.96	0.32319	5.46	0.29623	5.96	0.27298
4.47	0.35391	4.97	0.32261	5.47	0.29573	5.97	0.27255
4.48	0.35324	4.98	0.32203	5.48	0.29523	5.98	0.27212
4.49	0.35256	4.99	0.32145	5.49	0.29473	5.99	0.27169

X	PHI (X)	X	PHI (X)	X	PHI (X)	X	PHI (X)
0.10	0.97528	5.10	0.31522	10.10	0.16282	15.10	0.10894
0.20	0.95111	5.20	0.30974	10.20	0.16123	15.20	0.10822
0.30	0.92750	5.30	0.30442	10.30	0.15967	15.30	0.10751
0.40	0.90444	5.40	0.29925	10.40	0.15813	15.40	0.10681
0.50	0.88193	5.50	0.29424	10.50	0.15663	15.50	0.10612
0.60	0.85996	5.60	0.28937	10.60	0.15516	15.60	0.10544
0.70	0.83854	5.70	0.28465	10.70	0.15371	15.70	0.10477
0.80	0.81767	5.80	0.28005	10.80	0.15229	15.80	0.10411
0.90	0.79732	5.90	0.27559	10.90	0.15089	15.90	0.10345
1.00	0.77750	6.00	0.27126	11.00	0.14952	16.00	0.10281
1.10	0.75821	6.10	0.26705	11.10	0.14818	16.10	0.10217
1.20	0.73944	6.20	0.26295	11.20	0.14685	16.20	0.10154
1.30	0.72117	6.30	0.25897	11.30	0.14556	16.30	0.10092
1.40	0.70341	6.40	0.25510	11.40	0.14428	16.40	0.10030
1.50	0.68615	6.50	0.25133	11.50	0.14303	16.50	0.09969
1.60	0.66937	6.60	0.24766	11.60	0.14179	16.60	0.09909
1.70	0.65307	6.70	0.24410	11.70	0.14058	16.70	0.09850
1.80	0.63724	6.80	0.24062	11.80	0.13939	16.80	0.09791
1.90	0.62187	6.90	0.23724	11.90	0.13822	16.90	0.09733
2.00	0.60695	7.00	0.23395	12.00	0.13707	17.00	0.09676
2.10	0.59247	7.10	0.23074	12.10	0.13594	17.10	0.09619
2.20	0.57843	7.20	0.22761	12.20	0.13483	17.20	0.09564
2.30	0.56481	7.30	0.22457	12.30	0.13373	17.30	0.09508
2.40	0.55160	7.40	0.22159	12.40	0.13265	17.40	0.09454
2.50	0.53879	7.50	0.21870	12.50	0.13159	17.50	0.09400
2.60	0.52637	7.60	0.21587	12.60	0.13055	17.60	0.09346
2.70	0.51434	7.70	0.21312	12.70	0.12952	17.70	0.09293
2.80	0.50268	7.80	0.21043	12.80	0.12851	17.80	0.09241
2.90	0.49138	7.90	0.20780	12.90	0.12751	17.90	0.09190
3.00	0.48044	8.00	0.20524	13.00	0.12653	18.00	0.09139
3.10	0.46983	8.10	0.20274	13.10	0.12557	18.10	0.09088
3.20	0.45956	8.20	0.20029	13.20	0.12461	18.20	0.09038
3.30	0.44960	8.30	0.19791	13.30	0.12368	18.30	0.08989
3.40	0.43996	8.40	0.19557	13.40	0.12275	18.40	0.08940
3.50	0.43062	8.50	0.19329	13.50	0.12185	18.50	0.08892
3.60	0.42158	8.60	0.19107	13.60	0.12095	18.60	0.08844
3.70	0.41282	8.70	0.18889	13.70	0.12007	18.70	0.08796
3.80	0.40433	8.80	0.18676	13.80	0.11920	18.80	0.08750
3.90	0.39611	8.90	0.18467	13.90	0.11834	18.90	0.08703
4.00	0.38815	9.00	0.18263	14.00	0.11749	19.00	0.08658
4.10	0.38043	9.10	0.18064	14.10	0.11666	19.10	0.08612
4.20	0.37296	9.20	0.17869	14.20	0.11584	19.20	0.08567
4.30	0.36572	9.30	0.17677	14.30	0.11503	19.30	0.08523
4.40	0.35870	9.40	0.17490	14.40	0.11423	19.40	0.08479
4.50	0.35189	9.50	0.17307	14.50	0.11344	19.50	0.08436
4.60	0.34530	9.60	0.17127	14.60	0.11267	19.60	0.08393
4.70	0.33891	9.70	0.16951	14.70	0.11190	19.70	0.08350
4.80	0.33271	9.80	0.16779	14.80	0.11114	19.80	0.08308
4.90	0.32670	9.90	0.16610	14.90	0.11040	19.90	0.08266
5.00	0.32088	10.00	0.16444	15.00	0.10966	20.00	0.08225

DEBYE-WALLER TEMPERATURE FACTORS

$$\frac{\sin \theta}{\lambda} = 0.1$$

16 RX10	-M F	16 RX10	-M E	16 BX10	-M F	16 BX10	-M F
0.	1.00000	0.50	0.99501	1.00	0.99005	1.50	0.98511
0.01	0.99990	0.51	0.99491	1.01	0.98995	1.51	0.98501
0.02	0.99980	0.52	0.99481	1.02	0.98985	1.52	0.98491
0.03	0.99970	0.53	0.99471	1.03	0.98975	1.53	0.98482
0.04	0.99960	0.54	0.99461	1.04	0.98965	1.54	0.98472
0.05	0.99950	0.55	0.99452	1.05	0.98955	1.55	0.98462
0.06	0.99940	0.56	0.99442	1.06	0.98946	1.56	0.98452
0.07	0.99930	0.57	0.99432	1.07	0.98936	1.57	0.98442
0.08	0.99920	0.58	0.99422	1.08	0.98926	1.58	0.98432
0.09	0.99910	0.59	0.99412	1.09	0.98916	1.59	0.98423
0.10	0.99900	0.60	0.99402	1.10	0.98906	1.60	0.98413
0.11	0.99890	0.61	0.99392	1.11	0.98896	1.61	0.98403
0.12	0.99880	0.62	0.99382	1.12	0.98886	1.62	0.98392
0.13	0.99870	0.63	0.99372	1.13	0.98876	1.63	0.98383
0.14	0.99860	0.64	0.99362	1.14	0.98866	1.64	0.98373
0.15	0.99850	0.65	0.99352	1.15	0.98857	1.65	0.98364
0.16	0.99840	0.66	0.99342	1.16	0.98847	1.66	0.98354
0.17	0.99830	0.67	0.99332	1.17	0.98837	1.67	0.98344
0.18	0.99820	0.68	0.99322	1.18	0.98827	1.68	0.98334
0.19	0.99810	0.69	0.99312	1.19	0.98817	1.69	0.98324
0.20	0.99800	0.70	0.99302	1.20	0.98807	1.70	0.98314
0.21	0.99790	0.71	0.99293	1.21	0.98797	1.71	0.98305
0.22	0.99780	0.72	0.99283	1.22	0.98787	1.72	0.98295
0.23	0.99770	0.73	0.99273	1.23	0.98778	1.73	0.98285
0.24	0.99760	0.74	0.99263	1.24	0.98768	1.74	0.98275
0.25	0.99750	0.75	0.99253	1.25	0.98758	1.75	0.98265
0.26	0.99740	0.76	0.99243	1.26	0.98748	1.76	0.98255
0.27	0.99730	0.77	0.99233	1.27	0.98738	1.77	0.98246
0.28	0.99720	0.78	0.99223	1.28	0.98728	1.78	0.98236
0.29	0.99710	0.79	0.99213	1.29	0.98718	1.79	0.98226
0.30	0.99700	0.80	0.99203	1.30	0.98708	1.80	0.98216
0.31	0.99690	0.81	0.99193	1.31	0.98699	1.81	0.98206
0.32	0.99681	0.82	0.99183	1.32	0.98689	1.82	0.98196
0.33	0.99671	0.83	0.99173	1.33	0.98679	1.83	0.98187
0.34	0.99661	0.84	0.99164	1.34	0.98669	1.84	0.98177
0.35	0.99651	0.85	0.99154	1.35	0.98659	1.85	0.98167
0.36	0.99641	0.86	0.99144	1.36	0.98649	1.86	0.98157
0.37	0.99631	0.87	0.99134	1.37	0.98639	1.87	0.98147
0.38	0.99621	0.88	0.99124	1.38	0.98629	1.88	0.98138
0.39	0.99611	0.89	0.99114	1.39	0.98620	1.89	0.98128
0.40	0.99601	0.90	0.99104	1.40	0.98610	1.90	0.98118
0.41	0.99591	0.91	0.99094	1.41	0.98600	1.91	0.98108
0.42	0.99581	0.92	0.99084	1.42	0.98590	1.92	0.98098
0.43	0.99571	0.93	0.99074	1.43	0.98580	1.93	0.98089
0.44	0.99561	0.94	0.99064	1.44	0.98570	1.94	0.98079
0.45	0.99551	0.95	0.99054	1.45	0.98560	1.95	0.98069
0.46	0.99541	0.96	0.99045	1.46	0.98551	1.96	0.98059
0.47	0.99531	0.97	0.99035	1.47	0.98541	1.97	0.98049
0.48	0.99521	0.98	0.99025	1.48	0.98531	1.98	0.98039
0.49	0.99511	0.99	0.99015	1.49	0.98521	1.99	0.98030
2.00	0.98020						

$$\frac{\sin \theta}{\lambda} = 0.2$$

¹⁶ RX10	-M F	¹⁶ RX10	-M E	¹⁶ RX10	-M F	¹⁶ BX10	-M E
0.	1.00000	0.50	0.98020	1.00	0.96079	1.50	0.94176
0.01	0.99960	0.51	0.97981	1.01	0.96041	1.51	0.94139
0.02	0.99920	0.52	0.97941	1.02	0.96002	1.52	0.94101
0.03	0.99880	0.53	0.97902	1.03	0.95964	1.53	0.94064
0.04	0.99840	0.54	0.97863	1.04	0.95925	1.54	0.94026
0.05	0.99800	0.55	0.97824	1.05	0.95887	1.55	0.93988
0.06	0.99760	0.56	0.97785	1.06	0.95849	1.56	0.93951
0.07	0.99720	0.57	0.97746	1.07	0.95810	1.57	0.93913
0.08	0.99681	0.58	0.97707	1.08	0.95772	1.58	0.93876
0.09	0.99641	0.59	0.97666	1.09	0.95734	1.59	0.93836
0.10	0.99601	0.60	0.97629	1.10	0.95695	1.60	0.93801
0.11	0.99561	0.61	0.97590	1.11	0.95657	1.61	0.93763
0.12	0.99521	0.62	0.97551	1.12	0.95619	1.62	0.93725
0.13	0.99481	0.63	0.97511	1.13	0.95581	1.63	0.93688
0.14	0.99442	0.64	0.97472	1.14	0.95542	1.64	0.93651
0.15	0.99402	0.65	0.97434	1.15	0.95504	1.65	0.93613
0.16	0.99362	0.66	0.97395	1.16	0.95466	1.66	0.93576
0.17	0.99322	0.67	0.97356	1.17	0.95428	1.67	0.93538
0.18	0.99283	0.68	0.97317	1.18	0.95390	1.68	0.93501
0.19	0.99243	0.69	0.97278	1.19	0.95352	1.69	0.93463
0.20	0.99203	0.70	0.97239	1.20	0.95313	1.70	0.93426
0.21	0.99164	0.71	0.97200	1.21	0.95275	1.71	0.93389
0.22	0.99124	0.72	0.97161	1.22	0.95237	1.72	0.93351
0.23	0.99084	0.73	0.97122	1.23	0.95199	1.73	0.93314
0.24	0.99045	0.74	0.97083	1.24	0.95161	1.74	0.93277
0.25	0.99005	0.75	0.97045	1.25	0.95123	1.75	0.93239
0.26	0.98965	0.76	0.97006	1.26	0.95085	1.76	0.93202
0.27	0.98926	0.77	0.96967	1.27	0.95047	1.77	0.93165
0.28	0.98886	0.78	0.96928	1.28	0.95009	1.78	0.93128
0.29	0.98847	0.79	0.96889	1.29	0.94971	1.79	0.93090
0.30	0.98807	0.80	0.96851	1.30	0.94933	1.80	0.93053
0.31	0.98768	0.81	0.96812	1.31	0.94895	1.81	0.93016
0.32	0.98728	0.82	0.96773	1.32	0.94857	1.82	0.92979
0.33	0.98689	0.83	0.96735	1.33	0.94819	1.83	0.92941
0.34	0.98649	0.84	0.96696	1.34	0.94781	1.84	0.92904
0.35	0.98610	0.85	0.96657	1.35	0.94743	1.85	0.92867
0.36	0.98570	0.86	0.96618	1.36	0.94705	1.86	0.92830
0.37	0.98531	0.87	0.96580	1.37	0.94667	1.87	0.92793
0.38	0.98491	0.88	0.96541	1.38	0.94630	1.88	0.92756
0.39	0.98452	0.89	0.96503	1.39	0.94592	1.89	0.92719
0.40	0.98413	0.90	0.96464	1.40	0.94554	1.90	0.92682
0.41	0.98373	0.91	0.96425	1.41	0.94516	1.91	0.92645
0.42	0.98334	0.92	0.96387	1.42	0.94478	1.92	0.92608
0.43	0.98295	0.93	0.96348	1.43	0.94441	1.93	0.92570
0.44	0.98255	0.94	0.96310	1.44	0.94403	1.94	0.92533
0.45	0.98216	0.95	0.96271	1.45	0.94365	1.95	0.92496
0.46	0.98177	0.96	0.96233	1.46	0.94327	1.96	0.92459
0.47	0.98138	0.97	0.96194	1.47	0.94290	1.97	0.92422
0.48	0.98098	0.98	0.96156	1.48	0.94252	1.98	0.92385
0.49	0.98059	0.99	0.96117	1.49	0.94214	1.99	0.92348
2.00	0.92312						

$$\frac{\sin \theta}{\lambda} = 0.3$$

16 RX10	-M E	16 RX10	-M E	16 RX10	-M E	16 RX10	-M E
0.	1.00000	0.50	0.95600	1.00	0.91393	1.50	0.87372
0.01	0.99910	0.51	0.95514	1.01	0.91311	1.51	0.87293
0.02	0.99820	0.52	0.95428	1.02	0.91229	1.52	0.87214
0.03	0.99730	0.53	0.95342	1.03	0.91147	1.53	0.87136
0.04	0.99641	0.54	0.95256	1.04	0.91065	1.54	0.87058
0.05	0.99551	0.55	0.95171	1.05	0.90983	1.55	0.86979
0.06	0.99461	0.56	0.95085	1.06	0.90901	1.56	0.86901
0.07	0.99372	0.57	0.94999	1.07	0.90819	1.57	0.86823
0.08	0.99283	0.58	0.94914	1.08	0.90737	1.58	0.86745
0.09	0.99193	0.59	0.94829	1.09	0.90656	1.59	0.86667
0.10	0.99104	0.60	0.94743	1.10	0.90574	1.60	0.86589
0.11	0.99015	0.61	0.94658	1.11	0.90493	1.61	0.86511
0.12	0.98926	0.62	0.94573	1.12	0.90411	1.62	0.86433
0.13	0.98837	0.63	0.94488	1.13	0.90330	1.63	0.86355
0.14	0.98748	0.64	0.94403	1.14	0.90249	1.64	0.86278
0.15	0.98659	0.65	0.94318	1.15	0.90168	1.65	0.86200
0.16	0.98570	0.66	0.94233	1.16	0.90086	1.66	0.86122
0.17	0.98482	0.67	0.94148	1.17	0.90005	1.67	0.86045
0.18	0.98393	0.68	0.94064	1.18	0.89924	1.68	0.85968
0.19	0.98305	0.69	0.93979	1.19	0.89844	1.69	0.85890
0.20	0.98216	0.70	0.93894	1.20	0.89763	1.70	0.85813
0.21	0.98128	0.71	0.93810	1.21	0.89682	1.71	0.85736
0.22	0.98039	0.72	0.93725	1.22	0.89601	1.72	0.85659
0.23	0.97951	0.73	0.93641	1.23	0.89521	1.73	0.85582
0.24	0.97863	0.74	0.93557	1.24	0.89440	1.74	0.85505
0.25	0.97775	0.75	0.93473	1.25	0.89360	1.75	0.85428
0.26	0.97687	0.76	0.93389	1.26	0.89279	1.76	0.85351
0.27	0.97599	0.77	0.93305	1.27	0.89199	1.77	0.85274
0.28	0.97511	0.78	0.93221	1.28	0.89119	1.78	0.85197
0.29	0.97424	0.79	0.93137	1.29	0.89039	1.79	0.85121
0.30	0.97336	0.80	0.93053	1.30	0.88959	1.80	0.85044
0.31	0.97249	0.81	0.92969	1.31	0.88878	1.81	0.84968
0.32	0.97161	0.82	0.92886	1.32	0.88799	1.82	0.84891
0.33	0.97074	0.83	0.92802	1.33	0.88719	1.83	0.84815
0.34	0.96986	0.84	0.92719	1.34	0.88639	1.84	0.84739
0.35	0.96899	0.85	0.92635	1.35	0.88559	1.85	0.84662
0.36	0.96812	0.86	0.92552	1.36	0.88479	1.86	0.84586
0.37	0.96725	0.87	0.92469	1.37	0.88400	1.87	0.84510
0.38	0.96638	0.88	0.92386	1.38	0.88320	1.88	0.84434
0.39	0.96551	0.89	0.92302	1.39	0.88241	1.89	0.84358
0.40	0.96464	0.90	0.92219	1.40	0.88161	1.90	0.84282
0.41	0.96377	0.91	0.92136	1.41	0.88082	1.91	0.84206
0.42	0.96291	0.92	0.92054	1.42	0.88003	1.92	0.84131
0.43	0.96204	0.93	0.91971	1.43	0.87924	1.93	0.84055
0.44	0.96117	0.94	0.91888	1.44	0.87845	1.94	0.83979
0.45	0.96031	0.95	0.91805	1.45	0.87766	1.95	0.83904
0.46	0.95945	0.96	0.91723	1.46	0.87687	1.96	0.83828
0.47	0.95858	0.97	0.91640	1.47	0.87608	1.97	0.83753
0.48	0.95772	0.98	0.91558	1.48	0.87529	1.98	0.83678
0.49	0.95686	0.99	0.91475	1.49	0.87450	1.99	0.83602
2.00	0.83527						

$$\frac{\sin \theta}{\lambda} = 0.4$$

16 RX10	-M F	16 RX10	-M F	16 RX10	-M F	16 RX10	-M F
0.	1.00000	0.50	0.92312	1.00	0.85214	1.50	0.78663
0.01	0.99840	0.51	0.92164	1.01	0.85078	1.51	0.78537
0.02	0.99681	0.52	0.92017	1.02	0.84942	1.52	0.78411
0.03	0.99521	0.53	0.91870	1.03	0.84806	1.53	0.78286
0.04	0.99362	0.54	0.91723	1.04	0.84671	1.54	0.78161
0.05	0.99203	0.55	0.91576	1.05	0.84535	1.55	0.78036
0.06	0.99045	0.56	0.91430	1.06	0.84400	1.56	0.77911
0.07	0.98886	0.57	0.91284	1.07	0.84265	1.57	0.77787
0.08	0.98728	0.58	0.91138	1.08	0.84131	1.58	0.77662
0.09	0.98570	0.59	0.90992	1.09	0.83996	1.59	0.77538
0.10	0.98413	0.60	0.90846	1.10	0.83862	1.60	0.77414
0.11	0.98255	0.61	0.90701	1.11	0.83728	1.61	0.77290
0.12	0.98098	0.62	0.90556	1.12	0.83594	1.62	0.77167
0.13	0.97941	0.63	0.90411	1.13	0.83460	1.63	0.77044
0.14	0.97785	0.64	0.90267	1.14	0.83327	1.64	0.76920
0.15	0.97629	0.65	0.90123	1.15	0.83194	1.65	0.76797
0.16	0.97472	0.66	0.89978	1.16	0.83061	1.66	0.76675
0.17	0.97317	0.67	0.89835	1.17	0.82928	1.67	0.76552
0.18	0.97161	0.68	0.89691	1.18	0.82795	1.68	0.76430
0.19	0.97006	0.69	0.89548	1.19	0.82663	1.69	0.76307
0.20	0.96851	0.70	0.89404	1.20	0.82531	1.70	0.76185
0.21	0.96696	0.71	0.89261	1.21	0.82399	1.71	0.76064
0.22	0.96541	0.72	0.89119	1.22	0.82267	1.72	0.75942
0.23	0.96387	0.73	0.88976	1.23	0.82135	1.73	0.75821
0.24	0.96233	0.74	0.88834	1.24	0.82004	1.74	0.75699
0.25	0.96079	0.75	0.88692	1.25	0.81873	1.75	0.75578
0.26	0.95925	0.76	0.88550	1.26	0.81742	1.76	0.75458
0.27	0.95772	0.77	0.88409	1.27	0.81612	1.77	0.75337
0.28	0.95619	0.78	0.88267	1.28	0.81481	1.78	0.75216
0.29	0.95466	0.79	0.88126	1.29	0.81351	1.79	0.75096
0.30	0.95313	0.80	0.87985	1.30	0.81221	1.80	0.74976
0.31	0.95161	0.81	0.87845	1.31	0.81091	1.81	0.74856
0.32	0.95009	0.82	0.87704	1.32	0.80961	1.82	0.74737
0.33	0.94857	0.83	0.87564	1.33	0.80832	1.83	0.74617
0.34	0.94705	0.84	0.87424	1.34	0.80703	1.84	0.74498
0.35	0.94554	0.85	0.87284	1.35	0.80574	1.85	0.74379
0.36	0.94403	0.86	0.87145	1.36	0.80445	1.86	0.74260
0.37	0.94252	0.87	0.87005	1.37	0.80316	1.87	0.74141
0.38	0.94101	0.88	0.86866	1.38	0.80188	1.88	0.74023
0.39	0.93951	0.89	0.86727	1.39	0.80060	1.89	0.73904
0.40	0.93801	0.90	0.86589	1.40	0.79932	1.90	0.73786
0.41	0.93651	0.91	0.86450	1.41	0.79804	1.91	0.73668
0.42	0.93501	0.92	0.86312	1.42	0.79676	1.92	0.73550
0.43	0.93351	0.93	0.86174	1.43	0.79549	1.93	0.73433
0.44	0.93202	0.94	0.86036	1.44	0.79422	1.94	0.73315
0.45	0.93053	0.95	0.85899	1.45	0.79295	1.95	0.73198
0.46	0.92904	0.96	0.85762	1.46	0.79168	1.96	0.73081
0.47	0.92756	0.97	0.85624	1.47	0.79041	1.97	0.72964
0.48	0.92608	0.98	0.85488	1.48	0.78915	1.98	0.72848
0.49	0.92459	0.99	0.85351	1.49	0.78789	1.99	0.72731
2.00	0.72615						

$$\frac{\sin \theta}{\lambda} = 0.5$$

¹⁶ RX10	-M F	¹⁶ RX10	-M F	¹⁶ RX10	-M F	¹⁶ RX10	-M F
0.	1.00000	0.50	0.88250	1.00	0.77880	1.50	0.68729
0.01	0.99750	0.51	0.88029	1.01	0.77686	1.51	0.68557
0.02	0.99501	0.52	0.87810	1.02	0.77492	1.52	0.68386
0.03	0.99253	0.53	0.87590	1.03	0.77298	1.53	0.68215
0.04	0.99005	0.54	0.87372	1.04	0.77105	1.54	0.68045
0.05	0.98758	0.55	0.87153	1.05	0.76913	1.55	0.67875
0.06	0.98511	0.56	0.86936	1.06	0.76721	1.56	0.67706
0.07	0.98265	0.57	0.86719	1.07	0.76529	1.57	0.67537
0.08	0.98020	0.58	0.86502	1.08	0.76338	1.58	0.67368
0.09	0.97775	0.59	0.86286	1.09	0.76147	1.59	0.67200
0.10	0.97531	0.60	0.86071	1.10	0.75957	1.60	0.67032
0.11	0.97287	0.61	0.85856	1.11	0.75768	1.61	0.66865
0.12	0.97045	0.62	0.85642	1.12	0.75578	1.62	0.66698
0.13	0.96802	0.63	0.85428	1.13	0.75390	1.63	0.66531
0.14	0.96561	0.64	0.85214	1.14	0.75201	1.64	0.66365
0.15	0.96319	0.65	0.85002	1.15	0.75014	1.65	0.66199
0.16	0.96079	0.66	0.84789	1.16	0.74826	1.66	0.66034
0.17	0.95839	0.67	0.84578	1.17	0.74640	1.67	0.65869
0.18	0.95600	0.68	0.84366	1.18	0.74453	1.68	0.65705
0.19	0.95361	0.69	0.84156	1.19	0.74267	1.69	0.65541
0.20	0.95123	0.70	0.83946	1.20	0.74082	1.70	0.65377
0.21	0.94885	0.71	0.83736	1.21	0.73897	1.71	0.65214
0.22	0.94649	0.72	0.83527	1.22	0.73712	1.72	0.65051
0.23	0.94412	0.73	0.83318	1.23	0.73528	1.73	0.64888
0.24	0.94176	0.74	0.83110	1.24	0.73345	1.74	0.64726
0.25	0.93941	0.75	0.82903	1.25	0.73162	1.75	0.64565
0.26	0.93707	0.76	0.82696	1.26	0.72979	1.76	0.64404
0.27	0.93473	0.77	0.82489	1.27	0.72797	1.77	0.64243
0.28	0.93239	0.78	0.82283	1.28	0.72615	1.78	0.64082
0.29	0.93007	0.79	0.82078	1.29	0.72434	1.79	0.63922
0.30	0.92774	0.80	0.81873	1.30	0.72253	1.80	0.63763
0.31	0.92543	0.81	0.81669	1.31	0.72072	1.81	0.63604
0.32	0.92312	0.82	0.81465	1.32	0.71892	1.82	0.63445
0.33	0.92081	0.83	0.81261	1.33	0.71713	1.83	0.63286
0.34	0.91851	0.84	0.81058	1.34	0.71534	1.84	0.63128
0.35	0.91622	0.85	0.80856	1.35	0.71355	1.85	0.62971
0.36	0.91393	0.86	0.80654	1.36	0.71177	1.86	0.62814
0.37	0.91165	0.87	0.80453	1.37	0.70999	1.87	0.62657
0.38	0.90937	0.88	0.80252	1.38	0.70822	1.88	0.62500
0.39	0.90710	0.89	0.80052	1.39	0.70645	1.89	0.62344
0.40	0.90484	0.90	0.79852	1.40	0.70469	1.90	0.62189
0.41	0.90258	0.91	0.79652	1.41	0.70293	1.91	0.62033
0.42	0.90032	0.92	0.79453	1.42	0.70117	1.92	0.61878
0.43	0.89808	0.93	0.79255	1.43	0.69942	1.93	0.61724
0.44	0.89583	0.94	0.79057	1.44	0.69768	1.94	0.61570
0.45	0.89360	0.95	0.78860	1.45	0.69593	1.95	0.61416
0.46	0.89137	0.96	0.78663	1.46	0.69420	1.96	0.61263
0.47	0.88914	0.97	0.78466	1.47	0.69246	1.97	0.61110
0.48	0.88692	0.98	0.78270	1.48	0.69073	1.98	0.60957
0.49	0.88471	0.99	0.78075	1.49	0.68901	1.99	0.60805
2.00	0.60653						

$$\frac{\sin \theta}{\lambda} = 0.6$$

16	-M	16	-M	16	-M	16	-M
BX10	F	BX10	F	BX10	F	BX10	E
0.	1.00000	0.50	0.83527	1.00	0.69768	1.50	0.58275
0.01	0.99641	0.51	0.83227	1.01	0.69517	1.51	0.58065
0.02	0.99283	0.52	0.82928	1.02	0.69267	1.52	0.57857
0.03	0.98926	0.53	0.82630	1.03	0.69018	1.53	0.57649
0.04	0.98570	0.54	0.82333	1.04	0.68770	1.54	0.57442
0.05	0.98216	0.55	0.82037	1.05	0.68523	1.55	0.57235
0.06	0.97863	0.56	0.81742	1.06	0.68277	1.56	0.57030
0.07	0.97511	0.57	0.81448	1.07	0.68031	1.57	0.56825
0.08	0.97161	0.58	0.81156	1.08	0.67787	1.58	0.56620
0.09	0.96812	0.59	0.80864	1.09	0.67543	1.59	0.56417
0.10	0.96464	0.60	0.80574	1.10	0.67301	1.60	0.56214
0.11	0.96117	0.61	0.80284	1.11	0.67059	1.61	0.56012
0.12	0.95772	0.62	0.79995	1.12	0.66818	1.62	0.55811
0.13	0.95428	0.63	0.79708	1.13	0.66578	1.63	0.55610
0.14	0.95085	0.64	0.79422	1.14	0.66338	1.64	0.55411
0.15	0.94743	0.65	0.79136	1.15	0.66100	1.65	0.55211
0.16	0.94403	0.66	0.78852	1.16	0.65863	1.66	0.55013
0.17	0.94064	0.67	0.78568	1.17	0.65626	1.67	0.54815
0.18	0.93725	0.68	0.78286	1.18	0.65390	1.68	0.54618
0.19	0.93389	0.69	0.78005	1.19	0.65155	1.69	0.54422
0.20	0.93053	0.70	0.77724	1.20	0.64921	1.70	0.54227
0.21	0.92719	0.71	0.77445	1.21	0.64688	1.71	0.54032
0.22	0.92386	0.72	0.77167	1.22	0.64455	1.72	0.53837
0.23	0.92054	0.73	0.76890	1.23	0.64224	1.73	0.53644
0.24	0.91723	0.74	0.76613	1.24	0.63993	1.74	0.53451
0.25	0.91393	0.75	0.76338	1.25	0.63763	1.75	0.53259
0.26	0.91065	0.76	0.76064	1.26	0.63534	1.76	0.53068
0.27	0.90737	0.77	0.75790	1.27	0.63305	1.77	0.52877
0.28	0.90411	0.78	0.75518	1.28	0.63078	1.78	0.52687
0.29	0.90086	0.79	0.75247	1.29	0.62851	1.79	0.52498
0.30	0.89763	0.80	0.74976	1.30	0.62625	1.80	0.52309
0.31	0.89440	0.81	0.74707	1.31	0.62400	1.81	0.52121
0.32	0.89119	0.82	0.74438	1.32	0.62176	1.82	0.51934
0.33	0.88799	0.83	0.74171	1.33	0.61953	1.83	0.51747
0.34	0.88479	0.84	0.73904	1.34	0.61730	1.84	0.51561
0.35	0.88161	0.85	0.73639	1.35	0.61508	1.85	0.51376
0.36	0.87845	0.86	0.73374	1.36	0.61287	1.86	0.51191
0.37	0.87529	0.87	0.73110	1.37	0.61067	1.87	0.51007
0.38	0.87214	0.88	0.72848	1.38	0.60847	1.88	0.50824
0.39	0.86901	0.89	0.72586	1.39	0.60629	1.89	0.50641
0.40	0.86589	0.90	0.72325	1.40	0.60411	1.90	0.50459
0.41	0.86278	0.91	0.72065	1.41	0.60194	1.91	0.50278
0.42	0.85968	0.92	0.71806	1.42	0.59978	1.92	0.50097
0.43	0.85659	0.93	0.71548	1.43	0.59762	1.93	0.49917
0.44	0.85351	0.94	0.71291	1.44	0.59547	1.94	0.49738
0.45	0.85044	0.95	0.71035	1.45	0.59333	1.95	0.49559
0.46	0.84739	0.96	0.70780	1.46	0.59120	1.96	0.49381
0.47	0.84434	0.97	0.70525	1.47	0.58908	1.97	0.49204
0.48	0.84131	0.98	0.70272	1.48	0.58696	1.98	0.49027
0.49	0.83828	0.99	0.70019	1.49	0.58485	1.99	0.48851
2.00	0.48675						

$$\frac{\sin \theta}{\lambda} = 0.7$$

$\frac{16}{\text{PX10}}$	$\frac{-M}{E}$	$\frac{16}{\text{PX10}}$	$\frac{-M}{E}$	$\frac{16}{\text{RX10}}$	$\frac{-M}{E}$	$\frac{16}{\text{RX10}}$	$\frac{-M}{E}$
0.	1.00000	0.50	0.78270	1.00	0.61263	1.50	0.47951
0.01	0.99511	0.51	0.77888	1.01	0.60963	1.51	0.47716
0.02	0.99025	0.52	0.77507	1.02	0.60665	1.52	0.47483
0.03	0.98541	0.53	0.77128	1.03	0.60369	1.53	0.47251
0.04	0.98059	0.54	0.76751	1.04	0.60074	1.54	0.47020
0.05	0.97580	0.55	0.76376	1.05	0.59780	1.55	0.46790
0.06	0.97103	0.56	0.76003	1.06	0.59488	1.56	0.46561
0.07	0.96628	0.57	0.75631	1.07	0.59197	1.57	0.46334
0.08	0.96156	0.58	0.75262	1.08	0.58908	1.58	0.46107
0.09	0.95686	0.59	0.74894	1.09	0.58620	1.59	0.45882
0.10	0.95218	0.60	0.74528	1.10	0.58333	1.60	0.45658
0.11	0.94753	0.61	0.74163	1.11	0.58048	1.61	0.45434
0.12	0.94290	0.62	0.73801	1.12	0.57764	1.62	0.45212
0.13	0.93829	0.63	0.73440	1.13	0.57482	1.63	0.44991
0.14	0.93370	0.64	0.73081	1.14	0.57201	1.64	0.44771
0.15	0.92914	0.65	0.72724	1.15	0.56921	1.65	0.44553
0.16	0.92459	0.66	0.72368	1.16	0.56643	1.66	0.44335
0.17	0.92008	0.67	0.72015	1.17	0.56366	1.67	0.44118
0.18	0.91558	0.68	0.71663	1.18	0.56091	1.68	0.43902
0.19	0.91110	0.69	0.71312	1.19	0.55817	1.69	0.43688
0.20	0.90665	0.70	0.70964	1.20	0.55544	1.70	0.43474
0.21	0.90222	0.71	0.70617	1.21	0.55272	1.71	0.43262
0.22	0.89781	0.72	0.70272	1.22	0.55002	1.72	0.43050
0.23	0.89342	0.73	0.69928	1.23	0.54733	1.73	0.42840
0.24	0.88905	0.74	0.69586	1.24	0.54466	1.74	0.42631
0.25	0.88471	0.75	0.69246	1.25	0.54199	1.75	0.42422
0.26	0.88038	0.76	0.68908	1.26	0.53934	1.76	0.42215
0.27	0.87608	0.77	0.68571	1.27	0.53671	1.77	0.42008
0.28	0.87180	0.78	0.68236	1.28	0.53409	1.78	0.41803
0.29	0.86753	0.79	0.67902	1.29	0.53147	1.79	0.41599
0.30	0.86329	0.80	0.67570	1.30	0.52888	1.80	0.41395
0.31	0.85907	0.81	0.67240	1.31	0.52629	1.81	0.41193
0.32	0.85488	0.82	0.66911	1.32	0.52372	1.82	0.40992
0.33	0.85070	0.83	0.66584	1.33	0.52116	1.83	0.40791
0.34	0.84654	0.84	0.66259	1.34	0.51861	1.84	0.40592
0.35	0.84240	0.85	0.65935	1.35	0.51608	1.85	0.40394
0.36	0.83828	0.86	0.65613	1.36	0.51355	1.86	0.40196
0.37	0.83419	0.87	0.65292	1.37	0.51104	1.87	0.40000
0.38	0.83011	0.88	0.64973	1.38	0.50855	1.88	0.39804
0.39	0.82605	0.89	0.64655	1.39	0.50606	1.89	0.39610
0.40	0.82201	0.90	0.64339	1.40	0.50359	1.90	0.39416
0.41	0.81799	0.91	0.64025	1.41	0.50112	1.91	0.39223
0.42	0.81400	0.92	0.63712	1.42	0.49868	1.92	0.39032
0.43	0.81002	0.93	0.63400	1.43	0.49624	1.93	0.38841
0.44	0.80606	0.94	0.63091	1.44	0.49381	1.94	0.38651
0.45	0.80212	0.95	0.62782	1.45	0.49140	1.95	0.38462
0.46	0.79820	0.96	0.62475	1.46	0.48900	1.96	0.38274
0.47	0.79430	0.97	0.62170	1.47	0.48661	1.97	0.38087
0.48	0.79041	0.98	0.61866	1.48	0.48423	1.98	0.37901
0.49	0.78655	0.99	0.61564	1.49	0.48186	1.99	0.37715
2.00	0.37531						

$$\frac{\sin \theta}{\lambda} = 0.8$$

¹⁶ RX10	⁻¹ F	¹⁶ RX10	^{-M} F	¹⁶ RX10	^{-M} F	¹⁶ RX10	^{-M} F
0.	1.00000	0.50	0.72615	1.00	0.52729	1.50	0.38289
0.01	0.99362	0.51	0.72152	1.01	0.52393	1.51	0.38045
0.02	0.98728	0.52	0.71691	1.02	0.52056	1.52	0.37802
0.03	0.98098	0.53	0.71234	1.03	0.51727	1.53	0.37561
0.04	0.97472	0.54	0.70780	1.04	0.51397	1.54	0.37322
0.05	0.96851	0.55	0.70328	1.05	0.51069	1.55	0.37083
0.06	0.96233	0.56	0.69879	1.06	0.50743	1.56	0.36847
0.07	0.95619	0.57	0.69434	1.07	0.50419	1.57	0.36612
0.08	0.95009	0.58	0.68991	1.08	0.50097	1.58	0.36378
0.09	0.94403	0.59	0.68550	1.09	0.49778	1.59	0.36146
0.10	0.93801	0.60	0.68113	1.10	0.49460	1.60	0.35916
0.11	0.93202	0.61	0.67679	1.11	0.49145	1.61	0.35686
0.12	0.92608	0.62	0.67247	1.12	0.48831	1.62	0.35459
0.13	0.92017	0.63	0.66818	1.13	0.48520	1.63	0.35233
0.14	0.91430	0.64	0.66392	1.14	0.48210	1.64	0.35008
0.15	0.90846	0.65	0.65968	1.15	0.47903	1.65	0.34784
0.16	0.90267	0.66	0.65547	1.16	0.47597	1.66	0.34562
0.17	0.89691	0.67	0.65129	1.17	0.47293	1.67	0.34342
0.18	0.89119	0.68	0.64714	1.18	0.46992	1.68	0.34123
0.19	0.88550	0.69	0.64301	1.19	0.46692	1.69	0.33905
0.20	0.87985	0.70	0.63890	1.20	0.46394	1.70	0.33689
0.21	0.87424	0.71	0.63483	1.21	0.46098	1.71	0.33474
0.22	0.86866	0.72	0.63078	1.22	0.45804	1.72	0.33260
0.23	0.86312	0.73	0.62675	1.23	0.45512	1.73	0.33048
0.24	0.85762	0.74	0.62276	1.24	0.45221	1.74	0.32837
0.25	0.85214	0.75	0.61878	1.25	0.44933	1.75	0.32628
0.26	0.84671	0.76	0.61484	1.26	0.44646	1.76	0.32420
0.27	0.84131	0.77	0.61091	1.27	0.44361	1.77	0.32213
0.28	0.83594	0.78	0.60702	1.28	0.44078	1.78	0.32008
0.29	0.83061	0.79	0.60314	1.29	0.43797	1.79	0.31803
0.30	0.82531	0.80	0.59930	1.30	0.43518	1.80	0.31600
0.31	0.82004	0.81	0.59547	1.31	0.43240	1.81	0.31399
0.32	0.81481	0.82	0.59167	1.32	0.42964	1.82	0.31199
0.33	0.80961	0.83	0.58790	1.33	0.42690	1.83	0.30999
0.34	0.80445	0.84	0.58415	1.34	0.42418	1.84	0.30802
0.35	0.79932	0.85	0.58042	1.35	0.42147	1.85	0.30605
0.36	0.79422	0.86	0.57672	1.36	0.41878	1.86	0.30410
0.37	0.78915	0.87	0.57304	1.37	0.41611	1.87	0.30216
0.38	0.78411	0.88	0.56938	1.38	0.41346	1.88	0.30023
0.39	0.77911	0.89	0.56575	1.39	0.41082	1.89	0.29832
0.40	0.77414	0.90	0.56214	1.40	0.40820	1.90	0.29641
0.41	0.76920	0.91	0.55856	1.41	0.40560	1.91	0.29452
0.42	0.76430	0.92	0.55499	1.42	0.40301	1.92	0.29264
0.43	0.75942	0.93	0.55145	1.43	0.40044	1.93	0.29078
0.44	0.75458	0.94	0.54793	1.44	0.39788	1.94	0.28892
0.45	0.74976	0.95	0.54444	1.45	0.39534	1.95	0.28708
0.46	0.74498	0.96	0.54097	1.46	0.39282	1.96	0.28525
0.47	0.74023	0.97	0.53751	1.47	0.39032	1.97	0.28343
0.48	0.73550	0.98	0.53409	1.48	0.38783	1.98	0.28162
0.49	0.73081	0.99	0.53068	1.49	0.38535	1.99	0.27982
2.00	0.27904						

$$\frac{\sin \theta}{\lambda} = 0.9$$

16 RX10	-M F	16 RX10	-M F	16 RX10	-M E	16 RX10	-M F
0.	1.00000	0.50	0.66698	1.00	0.44486	1.50	0.29671
0.01	0.99193	0.51	0.66160	1.01	0.44127	1.51	0.29432
0.02	0.98393	0.52	0.65626	1.02	0.43771	1.52	0.29194
0.03	0.97599	0.53	0.65096	1.03	0.43418	1.53	0.28959
0.04	0.96812	0.54	0.64571	1.04	0.43068	1.54	0.28725
0.05	0.96031	0.55	0.64050	1.05	0.42720	1.55	0.28493
0.06	0.95256	0.56	0.63534	1.06	0.42375	1.56	0.28263
0.07	0.94488	0.57	0.63021	1.07	0.42034	1.57	0.28035
0.08	0.93725	0.58	0.62513	1.08	0.41695	1.58	0.27809
0.09	0.92969	0.59	0.62008	1.09	0.41358	1.59	0.27585
0.10	0.92219	0.60	0.61508	1.10	0.41025	1.60	0.27362
0.11	0.91475	0.61	0.61012	1.11	0.40694	1.61	0.27142
0.12	0.90737	0.62	0.60520	1.12	0.40365	1.62	0.26923
0.13	0.90005	0.63	0.60032	1.13	0.40040	1.63	0.26706
0.14	0.89279	0.64	0.59547	1.14	0.39717	1.64	0.26490
0.15	0.88559	0.65	0.59067	1.15	0.39396	1.65	0.26276
0.16	0.87845	0.66	0.58590	1.16	0.39078	1.66	0.26064
0.17	0.87136	0.67	0.58118	1.17	0.38763	1.67	0.25854
0.18	0.86433	0.68	0.57649	1.18	0.38450	1.68	0.25646
0.19	0.85736	0.69	0.57184	1.19	0.38140	1.69	0.25439
0.20	0.85044	0.70	0.56722	1.20	0.37833	1.70	0.25233
0.21	0.84358	0.71	0.56265	1.21	0.37527	1.71	0.25030
0.22	0.83678	0.72	0.55811	1.22	0.37225	1.72	0.24828
0.23	0.83002	0.73	0.55361	1.23	0.36924	1.73	0.24628
0.24	0.82333	0.74	0.54914	1.24	0.36626	1.74	0.24429
0.25	0.81669	0.75	0.54471	1.25	0.36331	1.75	0.24232
0.26	0.81010	0.76	0.54032	1.26	0.36038	1.76	0.24036
0.27	0.80356	0.77	0.53596	1.27	0.35747	1.77	0.23843
0.28	0.79708	0.78	0.53163	1.28	0.35459	1.78	0.23650
0.29	0.79065	0.79	0.52735	1.29	0.35173	1.79	0.23459
0.30	0.78427	0.80	0.52309	1.30	0.34889	1.80	0.23270
0.31	0.77794	0.81	0.51887	1.31	0.34607	1.81	0.23082
0.32	0.77167	0.82	0.51469	1.32	0.34323	1.82	0.22896
0.33	0.76544	0.83	0.51053	1.33	0.34051	1.83	0.22711
0.34	0.75927	0.84	0.50641	1.34	0.33777	1.84	0.22528
0.35	0.75314	0.85	0.50233	1.35	0.33504	1.85	0.22347
0.36	0.74707	0.86	0.49828	1.36	0.33234	1.86	0.22166
0.37	0.74104	0.87	0.49426	1.37	0.32966	1.87	0.21987
0.38	0.73506	0.88	0.49027	1.38	0.32700	1.88	0.21810
0.39	0.72913	0.89	0.48631	1.39	0.32436	1.89	0.21634
0.40	0.72325	0.90	0.48239	1.40	0.32174	1.90	0.21460
0.41	0.71742	0.91	0.47850	1.41	0.31915	1.91	0.21286
0.42	0.71163	0.92	0.47464	1.42	0.31657	1.92	0.21115
0.43	0.70589	0.93	0.47081	1.43	0.31402	1.93	0.20944
0.44	0.70019	0.94	0.46701	1.44	0.31149	1.94	0.20775
0.45	0.69454	0.95	0.46324	1.45	0.30897	1.95	0.20608
0.46	0.68894	0.96	0.45951	1.46	0.30648	1.96	0.20442
0.47	0.68338	0.97	0.45580	1.47	0.30401	1.97	0.20277
0.48	0.67787	0.98	0.45212	1.48	0.30156	1.98	0.20115
0.49	0.67240	0.99	0.44848	1.49	0.29912	1.99	0.19951
2.00	0.10790						

$$\frac{\sin \theta}{\lambda} = 1.0$$

¹⁶ RX10	-M F	¹⁶ PX10	-M F	¹⁶ RX10	-M F	¹⁶ RX10	-M E
0.	1.00000	0.50	0.60653	1.00	0.36788	1.50	0.22313
0.01	0.99005	0.51	0.60050	1.01	0.36422	1.51	0.22091
0.02	0.98020	0.52	0.59452	1.02	0.36059	1.52	0.21871
0.03	0.97045	0.53	0.58860	1.03	0.35701	1.53	0.21654
0.04	0.96079	0.54	0.58275	1.04	0.35345	1.54	0.21438
0.05	0.95123	0.55	0.57695	1.05	0.34994	1.55	0.21225
0.06	0.94176	0.56	0.57121	1.06	0.34646	1.56	0.21014
0.07	0.93239	0.57	0.56553	1.07	0.34301	1.57	0.20805
0.08	0.92312	0.58	0.55990	1.08	0.33960	1.58	0.20598
0.09	0.91393	0.59	0.55433	1.09	0.33622	1.59	0.20393
0.10	0.90484	0.60	0.54881	1.10	0.33287	1.60	0.20190
0.11	0.89583	0.61	0.54335	1.11	0.32956	1.61	0.19989
0.12	0.88692	0.62	0.53794	1.12	0.32628	1.62	0.19790
0.13	0.87810	0.63	0.53259	1.13	0.32303	1.63	0.19593
0.14	0.86936	0.64	0.52729	1.14	0.31982	1.64	0.19398
0.15	0.86071	0.65	0.52205	1.15	0.31664	1.65	0.19205
0.16	0.85214	0.66	0.51685	1.16	0.31349	1.66	0.19014
0.17	0.84366	0.67	0.51171	1.17	0.31037	1.67	0.18825
0.18	0.83527	0.68	0.50662	1.18	0.30728	1.68	0.18637
0.19	0.82696	0.69	0.50158	1.19	0.30422	1.69	0.18452
0.20	0.81873	0.70	0.49659	1.20	0.30119	1.70	0.18268
0.21	0.81058	0.71	0.49164	1.21	0.29820	1.71	0.18087
0.22	0.80252	0.72	0.48675	1.22	0.29523	1.72	0.17907
0.23	0.79453	0.73	0.48191	1.23	0.29229	1.73	0.17728
0.24	0.78663	0.74	0.47711	1.24	0.28938	1.74	0.17552
0.25	0.77880	0.75	0.47237	1.25	0.28650	1.75	0.17377
0.26	0.77105	0.76	0.46767	1.26	0.28365	1.76	0.17204
0.27	0.76338	0.77	0.46301	1.27	0.28083	1.77	0.17033
0.28	0.75578	0.78	0.45841	1.28	0.27804	1.78	0.16864
0.29	0.74826	0.79	0.45384	1.29	0.27527	1.79	0.16696
0.30	0.74082	0.80	0.44933	1.30	0.27253	1.80	0.16530
0.31	0.73345	0.81	0.44486	1.31	0.26982	1.81	0.16365
0.32	0.72615	0.82	0.44043	1.32	0.26714	1.82	0.16203
0.33	0.71892	0.83	0.43605	1.33	0.26448	1.83	0.16041
0.34	0.71177	0.84	0.43171	1.34	0.26185	1.84	0.15882
0.35	0.70469	0.85	0.42741	1.35	0.25924	1.85	0.15724
0.36	0.69768	0.86	0.42316	1.36	0.25666	1.86	0.15567
0.37	0.69073	0.87	0.41895	1.37	0.25411	1.87	0.15412
0.38	0.68386	0.88	0.41478	1.38	0.25158	1.88	0.15259
0.39	0.67706	0.89	0.41066	1.39	0.24908	1.89	0.15107
0.40	0.67032	0.90	0.40657	1.40	0.24660	1.90	0.14957
0.41	0.66365	0.91	0.40252	1.41	0.24414	1.91	0.14808
0.42	0.65705	0.92	0.39852	1.42	0.24171	1.92	0.14661
0.43	0.65051	0.93	0.39455	1.43	0.23931	1.93	0.14515
0.44	0.64404	0.94	0.39063	1.44	0.23693	1.94	0.14370
0.45	0.63763	0.95	0.38674	1.45	0.23457	1.95	0.14227
0.46	0.63128	0.96	0.38289	1.46	0.23224	1.96	0.14086
0.47	0.62500	0.97	0.37908	1.47	0.22993	1.97	0.13946
0.48	0.61878	0.98	0.37531	1.48	0.22764	1.98	0.13807
0.49	0.61263	0.99	0.37158	1.49	0.22537	1.99	0.13670
2.00	0.12534						

$$\frac{\sin \theta}{\lambda} = 1.1$$

¹⁶ RX10	^{-M} F	¹⁶ RX10	^{-M} F	¹⁶ RX10	^{-M} F	¹⁶ RX10	^{-M} F
0.	1.00000	0.50	0.54607	1.00	0.29820	1.50	0.16284
0.01	0.98797	0.51	0.53951	1.01	0.29461	1.51	0.16088
0.02	0.97609	0.52	0.53302	1.02	0.29107	1.52	0.15894
0.03	0.96435	0.53	0.52661	1.03	0.28757	1.53	0.15703
0.04	0.95275	0.54	0.52027	1.04	0.28411	1.54	0.15514
0.05	0.94129	0.55	0.51402	1.05	0.28069	1.55	0.15328
0.06	0.92997	0.56	0.50783	1.06	0.27732	1.56	0.15143
0.07	0.91879	0.57	0.50173	1.07	0.27398	1.57	0.14961
0.08	0.90774	0.58	0.49569	1.08	0.27068	1.58	0.14781
0.09	0.89682	0.59	0.48973	1.09	0.26743	1.59	0.14604
0.10	0.88603	0.60	0.48384	1.10	0.26421	1.60	0.14428
0.11	0.87538	0.61	0.47802	1.11	0.26104	1.61	0.14254
0.12	0.86485	0.62	0.47227	1.12	0.25790	1.62	0.14083
0.13	0.85445	0.63	0.46659	1.13	0.25479	1.63	0.13914
0.14	0.84417	0.64	0.46098	1.14	0.25173	1.64	0.13746
0.15	0.83402	0.65	0.45544	1.15	0.24870	1.65	0.13581
0.16	0.82399	0.66	0.44996	1.16	0.24571	1.66	0.13418
0.17	0.81408	0.67	0.44455	1.17	0.24276	1.67	0.13256
0.18	0.80429	0.68	0.43920	1.18	0.23984	1.68	0.13097
0.19	0.79461	0.69	0.43392	1.19	0.23695	1.69	0.12939
0.20	0.78506	0.70	0.42870	1.20	0.23410	1.70	0.12784
0.21	0.77561	0.71	0.42354	1.21	0.23129	1.71	0.12630
0.22	0.76629	0.72	0.41845	1.22	0.22850	1.72	0.12478
0.23	0.75707	0.73	0.41342	1.23	0.22576	1.73	0.12328
0.24	0.74796	0.74	0.40844	1.24	0.22304	1.74	0.12180
0.25	0.73897	0.75	0.40353	1.25	0.22036	1.75	0.12033
0.26	0.73008	0.76	0.39868	1.26	0.21771	1.76	0.11888
0.27	0.72130	0.77	0.39386	1.27	0.21509	1.77	0.11746
0.28	0.71263	0.78	0.38915	1.28	0.21250	1.78	0.11604
0.29	0.70405	0.79	0.38447	1.29	0.20995	1.79	0.11465
0.30	0.69559	0.80	0.37984	1.30	0.20742	1.80	0.11327
0.31	0.68722	0.81	0.37527	1.31	0.20493	1.81	0.11191
0.32	0.67896	0.82	0.37076	1.32	0.20246	1.82	0.11056
0.33	0.67079	0.83	0.36630	1.33	0.20003	1.83	0.10923
0.34	0.66272	0.84	0.36190	1.34	0.19762	1.84	0.10792
0.35	0.65475	0.85	0.35754	1.35	0.19525	1.85	0.10662
0.36	0.64688	0.86	0.35324	1.36	0.19290	1.86	0.10534
0.37	0.63910	0.87	0.34899	1.37	0.19058	1.87	0.10407
0.38	0.63141	0.88	0.34480	1.38	0.18828	1.88	0.10282
0.39	0.62382	0.89	0.34065	1.39	0.18602	1.89	0.10158
0.40	0.61631	0.90	0.33655	1.40	0.18378	1.90	0.10036
0.41	0.60890	0.91	0.33251	1.41	0.18157	1.91	0.09915
0.42	0.60158	0.92	0.32851	1.42	0.17939	1.92	0.09796
0.43	0.59434	0.93	0.32456	1.43	0.17723	1.93	0.09678
0.44	0.58719	0.94	0.32065	1.44	0.17510	1.94	0.09562
0.45	0.58013	0.95	0.31680	1.45	0.17299	1.95	0.09447
0.46	0.57315	0.96	0.31299	1.46	0.17091	1.96	0.09333
0.47	0.56626	0.97	0.30922	1.47	0.16886	1.97	0.09221
0.48	0.55945	0.98	0.30550	1.48	0.16683	1.98	0.09110
0.49	0.55272	0.99	0.30183	1.49	0.16482	1.99	0.09000
2.00	0.08892						

$$\frac{\sin \theta}{\lambda} = 1.2$$

$\frac{16}{\text{PX10}}$	$\frac{16}{F}$	$\frac{16}{\text{PX10}}$	$\frac{16}{F}$	$\frac{16}{\text{PX10}}$	$\frac{16}{F}$	$\frac{16}{\text{X10}}$	$\frac{16}{F}$
0.	1.00000	0.50	0.48675	1.00	0.23693	1.50	0.11533
0.01	0.98570	0.51	0.47979	1.01	0.23354	1.51	0.11368
0.02	0.97161	0.52	0.47273	1.02	0.23020	1.52	0.11205
0.03	0.95772	0.53	0.46617	1.03	0.22691	1.53	0.11045
0.04	0.94403	0.54	0.45951	1.04	0.22367	1.54	0.10887
0.05	0.93053	0.55	0.45294	1.05	0.22047	1.55	0.10731
0.06	0.91723	0.56	0.44646	1.06	0.21732	1.56	0.10576
0.07	0.90411	0.57	0.44008	1.07	0.21421	1.57	0.10427
0.08	0.89119	0.58	0.43379	1.08	0.21115	1.58	0.10276
0.09	0.87845	0.59	0.42759	1.09	0.20813	1.59	0.10131
0.10	0.86589	0.60	0.42147	1.10	0.20515	1.60	0.09986
0.11	0.85351	0.61	0.41545	1.11	0.20222	1.61	0.09842
0.12	0.84131	0.62	0.40951	1.12	0.19933	1.62	0.09702
0.13	0.82928	0.63	0.40365	1.13	0.19648	1.63	0.09564
0.14	0.81742	0.64	0.39788	1.14	0.19367	1.64	0.09427
0.15	0.80574	0.65	0.39219	1.15	0.19090	1.65	0.09292
0.16	0.79422	0.66	0.38659	1.16	0.18817	1.66	0.09159
0.17	0.78286	0.67	0.38106	1.17	0.18548	1.67	0.09028
0.18	0.77167	0.68	0.37561	1.18	0.18283	1.68	0.08899
0.19	0.76064	0.69	0.37024	1.19	0.18022	1.69	0.08772
0.20	0.74976	0.70	0.36495	1.20	0.17764	1.70	0.08647
0.21	0.73904	0.71	0.35973	1.21	0.17510	1.71	0.08523
0.22	0.72848	0.72	0.35459	1.22	0.17260	1.72	0.08401
0.23	0.71806	0.73	0.34952	1.23	0.17013	1.73	0.08281
0.24	0.70780	0.74	0.34452	1.24	0.16770	1.74	0.08163
0.25	0.69768	0.75	0.33960	1.25	0.16532	1.75	0.08046
0.26	0.68770	0.76	0.33474	1.26	0.16294	1.76	0.07931
0.27	0.67787	0.77	0.32995	1.27	0.16061	1.77	0.07816
0.28	0.66818	0.78	0.32524	1.28	0.15831	1.78	0.07706
0.29	0.65863	0.79	0.32059	1.29	0.15603	1.79	0.07590
0.30	0.64921	0.80	0.31600	1.30	0.15382	1.80	0.07478
0.31	0.63993	0.81	0.31149	1.31	0.15162	1.81	0.07363
0.32	0.63078	0.82	0.30703	1.32	0.14945	1.82	0.07247
0.33	0.62176	0.83	0.30264	1.33	0.14731	1.83	0.07130
0.34	0.61287	0.84	0.29832	1.34	0.14521	1.84	0.07016
0.35	0.60411	0.85	0.29405	1.35	0.14313	1.85	0.06901
0.36	0.59547	0.86	0.28985	1.36	0.14108	1.86	0.06787
0.37	0.58696	0.87	0.28570	1.37	0.13907	1.87	0.06676
0.38	0.57857	0.88	0.28162	1.38	0.13708	1.88	0.06567
0.39	0.57030	0.89	0.27759	1.39	0.13512	1.89	0.06457
0.40	0.56214	0.90	0.27362	1.40	0.13319	1.90	0.06350
0.41	0.55411	0.91	0.26971	1.41	0.13128	1.91	0.06240
0.42	0.54618	0.92	0.26586	1.42	0.12941	1.92	0.06132
0.43	0.53838	0.93	0.26206	1.43	0.12756	1.93	0.06020
0.44	0.53068	0.94	0.25831	1.44	0.12573	1.94	0.05910
0.45	0.52309	0.95	0.25462	1.45	0.12393	1.95	0.05803
0.46	0.51561	0.96	0.25098	1.46	0.12216	1.96	0.05694
0.47	0.50824	0.97	0.24739	1.47	0.12042	1.97	0.05586
0.48	0.50097	0.98	0.24385	1.48	0.11869	1.98	0.05477
0.49	0.49381	0.99	0.24036	1.49	0.11700	1.99	0.05365
2.00	0.05613						