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Processing of FENDL-PA/1.1

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PROCESSING OF FENDL-PA/1.1

1.0 INTRODUCTION

The Fusion Evaluated Nuclear Data Library (FENDL) is an evaluated nuclear data library based upon the best evaluations from the world community. The library is maintained by the Nuclear Data Section of the International Atomic Energy Agency (IAEA). However, before the data can be used in computer codes, it must be processed into the appropriate format.

The library containing the transmutation (or activation) cross sections that are part of FENDL is designated as FENDL-PA (P designating pointwise). The evaluations in Version 1.1 of this activation library were selected in the following two steps.

1. For the most important reactions (~250), consultants to the IAEA compared evaluations submitted for consideration with experimental data. These evaluations included those from ENDF/B, JEF, BROND, JENDL, as well as "complete" activation libraries, such as EAF and REAC. The consultants then chose the "best" evaluation for each of the reactions.
2. The evaluations for the remaining (~12,000) reactions were taken from EAF-3 (Reference 1).

The pointwise FENDL-PA/1.1 activation library was processed into two formats.

1. Continuous energy format as used by the Monte Carlo neutron/photon transport code MCNP (Reference 2).
2. ASCII 175 group multigroup format as used by the transmutation code REAC*2/3 (Reference 3).

2.0 PROCESSING

2.1 FILE RETRIEVAL

FENDL-PA/1.1 was transferred over INTERNET from the Nuclear Data Section using FTP.

The list of reactions processed is displayed in Appendix A.

2.2 CONTINUOUS ENERGY MCNP FORMAT

A FORTRAN code was written to process the evaluated data into the ASCII format needed by MCNP (i.e., a directory file and the actual cross section file with pointers). The code is based upon previous work.

Because the base libraries have already converted resonance parameters and other data into a linear-linear representation, there are no choices to be made except for thinning. No thinning of the cross sections was performed in this processing.

Because of the large size of the resulting cross section files, the processed library is divided into 8 sections:

1. Isotopes of elements H (Z= 1) to Sc (Z=21)
2. Isotopes of elements Ti (Z=22) to Zn (Z=30)
3. Isotopes of elements Ga (Z=31) to Y (Z=39)
4. Isotopes of elements Zr (Z=40) to Pd (Z=46)
5. Isotopes of elements Ag (Z=47) to Te (Z=52)
6. Isotopes of elements I (Z=53) to Sm (Z=62)
7. Isotopes of elements Eu (Z=63) to Lu (Z=71)
8. Isotopes of elements Hf (Z=72) to Po (Z=84).

The suffix used is .66y for those targets in the ground state and .67y for those targets in an isomeric state. The use of different suffixes follows the convention established by Los Alamos National Laboratory (LANL).

2.3 MULTIGROUP REAC FORMAT

The multigroup cross sections were calculated by the MULTAV code from point-wise?? or pointwise as above?? cross sections described above. MULTAV is a FORTRAN code that reads ENDF/B file 3-formatted cross section files and a user-supplied weighting function. MULTAV then calculates the group-averaged value either analytically or using adaptive Romberg integration. Calculations were made for the 175-group?? Vitamin-J structure, which is displayed in Table 1. The flux used for group weighting is that used in the Vitamin-E group generation (Reference 4) as implemented in the NJOY processing code (Reference 5).

The 175-group Vitamin-J structure has been informally adopted as a standard for fusion transport studies. Thus, it is a natural choice. Similarly, the choice of the Vitamin-E weighting flux, which contains thermal, fast, and fusion components, is a natural one given the fusion experience.

All of the multigroup data are on one file.

Table 1. 175 Group Energy Structure.

1.000E-5	1.000E-1	4.140E-1	5.316E-1	6.826E-1	8.764E-1
1.1254E0	1.4450E0	1.8554E0	2.3824E0	3.0590E0	3.9279E0
5.0435E0	6.4760E0	8.3153E0	1.0677E1	1.3710E1	1.7603E1
2.2603E1	2.9023E1	3.7267E1	4.7851E1	6.1442E1	7.8893E1
1.0130E2	1.3007E2	1.6702E2	2.1445E2	2.7536E2	3.5358E2
4.5400E2	5.8295E2	7.4852E2	9.6112E2	1.2341E3	1.5846E3
2.0347E3	2.2487E3	2.4852E3	2.6126E3	2.7465E3	3.0354E3
3.3546E3	3.7074E3	4.3074E3	5.5308E3	7.1017E3	9.1188E3
1.0595E4	1.1709E4	1.5034E4	1.9305E4	2.1875E4	2.3579E4
2.4176E4	2.4788E4	2.6058E4	2.7000E4	2.8500E4	3.1828E4
3.4307E4	4.0868E4	4.6309E4	5.2475E4	5.6562E4	6.7379E4
7.2000E4	7.9500E4	8.2500E4	8.6517E4	9.8037E4	1.1109E5
1.1679E5	1.2277E5	1.2907E5	1.3569E5	1.4264E5	1.4996E5
1.5764E5	1.6573E5	1.7422E5	1.8316E5	1.9255E5	2.0242E5
2.1280E5	2.2371E5	2.3518E5	2.4724E5	2.7324E5	2.8725E5
2.9452E5	2.9720E5	2.9850E5	3.0197E5	3.3373E5	3.6883E5
3.8774E5	4.0762E5	4.5049E5	4.9787E5	5.2340E5	5.5023E5
5.7844E5	6.0810E5	6.3928E5	6.7206E5	7.0651E5	7.4274E5
7.8082E5	8.2085E5	8.6294E5	9.0718E5	9.6164E5	1.0026E6
1.1080E6	1.1648E6	1.2246E6	1.2873E6	1.3534E6	1.4227E6
1.4957E6	1.5724E6	1.6530E6	1.7377E6	1.8268E6	1.9205E6
2.0190E6	2.1225E6	2.2313E6	2.3069E6	2.3457E6	2.3653E6
2.3852E6	2.4660E6	2.5924E6	2.7253E6	2.8650E6	3.0119E6
3.1664E6	3.3287E6	3.6788E6	4.0657E6	4.4933E6	4.7237E6
4.9659E6	5.2205E6	5.4881E6	5.7695E6	6.0653E6	6.3763E6
6.5924E6	6.7032E6	7.0469E6	7.4082E6	7.7880E6	8.1873E6
8.6071E6	9.0484E6	9.5123E6	1.0000E7	1.0513E7	1.1052E7
1.1618E7	1.2214E7	1.2480E7	1.2523E7	1.3499E7	1.3840E7
1.4191E7	1.4550E7	1.4918E7	1.5683E7	1.6487E7	1.6905E7
1.7333E7	1.9640E7				

3.0 VERIFICATION

3.1 CONTINUOUS ENERGY MCNP FORMAT

Simple MCNP test runs were made using $^{55}\text{Mn}(n,\gamma)$ and $^{56}\text{Fe}(n,p)$ activation reactions. Fine-group values of the cross sections from the MCNP output agreed with the values from the unprocessed files.

In addition, the ASCII files were successfully processed into binary format.

3.2 MULTIGROUP REAC FORMAT

The ASCII file was processed into binary format using the FORTRAN code BINLIB, a module of REAC*3. The transmutation of ^{56}Fe using the spectrum from the first wall of the STARFIRE reactor was compared successfully using the FENDL and REAC cross sections.

4.0 AVAILABLE FILES

The files that are available are shown in Table 2. At the Hanford Site the files are kept on the Centralized File Storage (CFS) system directory /v92515/fendl/mcnp.

Table 2. Location of Files.

File name	Description
xmdir.zz	ASCII files containing directory information for MCNP
actxsl.zz	ASCII files containing pointer and continuous energy cross section values for MCNP
cross	ASCII files containing multigroup data in REAC format
out.zz	ASCII files listing the reactions which are included and the number of energy/cross section points

Note: zz is a suffix indicating the range of isotopes in the cross section set: h.sc, ti.zn, ga.y, zr.pd, ag.te, i.sm, eu.lu, and hf.po.

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Appendix A-1

List of Reactions on Files *.h.sc

# target	product	mt	# engeries	date
1 h 1 (n,g))h	2 102	312	12/01/93	
1 h 2 (n,2n))h	1 16	34	12/01/93	
2 h 2 (n,g))h	3 102	289	12/01/93	
1 h 3 (n,2n))h	2 16	71	12/01/93	
1 he 3 (n,g))he	4 102	4	12/01/93	
2 he 3 (n,p))h	3 103	340	12/01/93	
3 he 3 (n,d))h	2 104	70	12/01/93	
1 li 6 (n,2na))h	1 24	40	12/01/93	
2 li 6 (n,nd))he	4 32	20	12/01/93	
3 li 6 (n,g))li	7 102	296	12/01/93	
4 li 6 (n,p))he	6 103	64	12/01/93	
5 li 6 (n,t))he	4 105	354	12/01/93	
1 li 7 (n,2n))li	6 16	46	12/01/93	
2 li 7 (n,na))h	3 22	85	12/01/93	
3 li 7 (n,2na))h	2 24	44	12/01/93	
4 li 7 (n,g))li	8 102	298	12/01/93	
5 li 7 (n,d))he	6 104	32	12/01/93	
1 be 9 (n,2n))be	8 16	17	12/01/93	
2 be 9 (n,np))li	8 28	6	12/01/93	
3 be 9 (n,nd))li	7 32	6	12/01/93	
4 be 9 (n,nt))li	6 33	2	12/01/93	
5 be 9 (n,g))be	10 102	157	12/01/93	
6 be 9 (n,p))li	9 103	4	12/01/93	
7 be 9 (n,d))li	8 104	8	12/01/93	
8 be 9 (n,t))li	7 105	9	12/01/93	
9 be 9 (n,a))he	6 107	14	12/01/93	
# target	product	mt	# engeries	date
1 be 10 (n,2n))be	9 16	41	12/01/93	
2 be 10 (n,3n))be	8 17	36	12/01/93	
3 be 10 (n,na))he	6 22	30	12/01/93	
4 be 10 (n,nt))li	7 33	6	12/01/93	
5 be 10 (n,g))be	11 102	157	12/01/93	
1 b 10 (n,na))li	6 22	32	12/01/93	
2 b 10 (n,np))be	9 28	20	12/01/93	
3 b 10 (n,nd))be	8 32	5	12/01/93	
4 b 10 (n,nd*))be	8m 42	4	12/01/93	
5 b 10 (n,g))b	11 102	92	12/01/93	
6 b 10 (n,p))be	10 103	290	12/01/93	
7 b 10 (n,d))be	9 104	29	12/01/93	
8 b 10 (n,t))be	8 105	20	12/01/93	
9 b 10 (n,h))li	8 106	9	12/01/93	
10 b 10 (n,a))li	7 107	380	12/01/93	
1 b 11 (n,2n))b	10 16	3	12/01/93	
2 b 11 (n,nd))be	9 32	7	12/01/93	
3 b 11 (n,g))b	12 102	1052	12/01/93	
4 b 11 (n,p))be	11 103	7	12/01/93	
5 b 11 (n,d))be	10 104	15	12/01/93	
6 b 11 (n,t))be	9 105	9	12/01/93	
7 b 11 (n,a))li	8 107	21	12/01/93	
1 c 12 (n,np))b	11 28	8	12/01/93	
2 c 12 (n,n2a))he	4 29	12	12/01/93	
3 c 12 (n,g))c	13 102	247	12/01/93	
4 c 12 (n,p))b	12 103	13	12/01/93	
5 c 12 (n,d))b	11 104	12	12/01/93	
6 c 12 (n,a))be	9 107	39	12/01/93	
1 c 13 (n,2n))c	12 16	40	12/01/93	

#	target	product	mt	# engeries	date
2	c 13 (n,na)	)be 9	22	17	12/01/93
3	c 13 (n,np)	)b 12	28	6	12/01/93
4	c 13 (n,g)	)c 14	102	176	12/01/93
5	c 13 (n,p)	)b 13	103	15	12/01/93
6	c 13 (n,d)	)b 12	104	11	12/01/93
7	c 13 (n,t)	)b 11	105	14	12/01/93
8	c 13 (n,a)	)be 10	107	39	12/01/93
1	c 14 (n,2n)	)c 13	16	33	12/01/93
2	c 14 (n,3n)	)c 12	17	25	12/01/93
3	c 14 (n,na)	)be 10	22	16	12/01/93
4	c 14 (n,g)	)c 15	102	165	12/01/93
5	c 14 (n,d)	)b 13	104	2	12/01/93
6	c 14 (n,t)	)b 12	105	7	12/01/93
7	c 14 (n,a)	)be 11	107	21	12/01/93

#	target	product	mt	# engeries	date
1	n 14 (n,2n)	)n 13	16	14	12/01/93
2	n 14 (n,na)	)b 10	22	19	12/01/93
3	n 14 (n,np)	)c 13	28	23	12/01/93
4	n 14 (n,nd)	)c 12	32	2	12/01/93
5	n 14 (n,g)	)n 15	102	310	12/01/93
6	n 14 (n,p)	)c 14	103	615	12/01/93
7	n 14 (n,d)	)c 13	104	39	12/01/93
8	n 14 (n,t)	)c 12	105	48	12/01/93
9	n 14 (n,h)	)b 12	106	8	12/01/93
10	n 14 (n,a)	)b 11	107	255	12/01/93
11	n 14 (n,2a)	)li 7	108	14	12/01/93

1	n 15 (n,2n)	)n 14	16	15	12/01/93
2	n 15 (n,na)	)b 11	22	18	12/01/93
3	n 15 (n,np)	)c 14	28	20	12/01/93
4	n 15 (n,nd)	)c 13	32	9	12/01/93
5	n 15 (n,nt)	)c 12	33	9	12/01/93
6	n 15 (n,g)	)n 16	102	283	12/01/93
7	n 15 (n,p)	)c 15	103	22	12/01/93
8	n 15 (n,d)	)c 14	104	24	12/01/93
9	n 15 (n,t)	)c 13	105	18	12/01/93
10	n 15 (n,a)	)b 12	107	26	12/01/93

1	o 16 (n,2n)	)o 15	16	3	12/01/93
2	o 16 (n,na)	)c 12	22	11	12/01/93
3	o 16 (n,np)	)n 15	28	4	12/01/93
4	o 16 (n,g)	)o 17	102	164	12/01/93
5	o 16 (n,p)	)n 16	103	45	12/01/93
6	o 16 (n,d)	)n 15	104	21	12/01/93
7	o 16 (n,t)	)n 14	105	13	12/01/93
8	o 16 (n,h)	)c 14	106	15	12/01/93
9	o 16 (n,a)	)c 13	107	173	12/01/93

1	o 17 (n,2n)	)o 16	16	13	12/01/93
2	o 17 (n,na)	)c 13	22	15	12/01/93
3	o 17 (n,np)	)n 16	28	8	12/01/93
4	o 17 (n,nd)	)n 15	32	10	12/01/93
5	o 17 (n,nt)	)n 14	33	4	12/01/93
6	o 17 (n,nh)	)c 14	34	3	12/01/93
7	o 17 (n,g)	)o 18	102	358	12/01/93
8	o 17 (n,p)	)n 17	103	14	12/01/93
9	o 17 (n,d)	)n 16	104	10	12/01/93
10	o 17 (n,t)	)n 15	105	18	12/01/93
11	o 17 (n,h)	)c 15	106	6	12/01/93
12	o 17 (n,a)	)c 14	107	270	12/01/93

#	target	product	mt	# engeries	date
1	o 18 (n,2n)	)o 17	16	35	12/01/93
2	o 18 (n,3n)	)o 16	17	30	12/01/93
3	o 18 (n,na)	)c 14	22	33	12/01/93
4	o 18 (n,np)	)n 17	28	8	12/01/93
5	o 18 (n,nt)	)n 15	33	10	12/01/93
6	o 18 (n,g)	)o 19	102	166	12/01/93
7	o 18 (n,p)	)n 18	103	17	12/01/93

#	target	product	mt	# engeries	date
8	o 18 (n,d)n	17	104	14	12/01/93
9	o 18 (n,t)n	16	105	14	12/01/93
10	o 18 (n,a)c	15	107	43	12/01/93
1	f 19 (n,2n)f	18	16	22	12/01/93
2	f 19 (n,na)n	15	22	34	12/01/93
3	f 19 (n,np)o	18	28	23	12/01/93
4	f 19 (n,nd)o	17	32	9	12/01/93
5	f 19 (n,nt)o	16	33	12	12/01/93
6	f 19 (n,g)f	20	102	1797	12/01/93
7	f 19 (n,p)o	19	103	64	12/01/93
8	f 19 (n,d)o	18	104	15	12/01/93
9	f 19 (n,t)o	17	105	9	12/01/93
10	f 19 (n,h)n	17	106	9	12/01/93
11	f 19 (n,a)n	16	107	47	12/01/93

1	ne 20 (n,2n)ne	19	16	13	12/01/93
2	ne 20 (n,na)o	16	22	42	12/01/93
3	ne 20 (n,np)f	19	28	14	12/01/93
4	ne 20 (n,g)ne	21	102	2849	12/01/93
5	ne 20 (n,p)f	20	103	26	12/01/93
6	ne 20 (n,d)f	19	104	18	12/01/93
7	ne 20 (n,t)f	18	105	12	12/01/93
8	ne 20 (n,h)o	18	106	20	12/01/93
9	ne 20 (n,a)o	17	107	55	12/01/93
10	ne 20 (n,2p)o	19	111	6	12/01/93

1	ne 21 (n,2n)ne	20	16	26	12/01/93
2	ne 21 (n,na)o	17	22	36	12/01/93
3	ne 21 (n,np)f	20	28	12	12/01/93
4	ne 21 (n,nd)f	19	32	6	12/01/93
5	ne 21 (n,g)ne	22	102	2064	12/01/93
6	ne 21 (n,p)f	21	103	27	12/01/93
7	ne 21 (n,d)f	20	104	18	12/01/93
8	ne 21 (n,t)f	19	105	17	12/01/93
9	ne 21 (n,h)o	19	106	11	12/01/93
10	ne 21 (n,a)o	18	107	59	12/01/93
11	ne 21 (n,2p)o	20	111	7	12/01/93

#	target	product	mt	# engeries	date
1	ne 22 (n,2n)ne	21	16	29	12/01/93
2	ne 22 (n,3n)ne	20	17	13	12/01/93
3	ne 22 (n,na)o	18	22	23	12/01/93
4	ne 22 (n,np)f	21	28	8	12/01/93
5	ne 22 (n,g)ne	23	102	836	12/01/93
6	ne 22 (n,p)f	22	103	18	12/01/93
7	ne 22 (n,d)f	21	104	15	12/01/93
8	ne 22 (n,t)f	20	105	12	12/01/93
9	ne 22 (n,a)o	19	107	42	12/01/93

1	na 22 (n,2n)na	21	16	23	12/01/93
2	na 22 (n,na)f	18	22	33	12/01/93
3	na 22 (n,np)ne	21	28	28	12/01/93
4	na 22 (n,nd)ne	20	32	20	12/01/93
5	na 22 (n,nh)f	19	34	5	12/01/93
6	na 22 (n,g)na	23	102	507	12/01/93
7	na 22 (n,p)ne	22	103	204	12/01/93
8	na 22 (n,d)ne	21	104	28	12/01/93
9	na 22 (n,t)ne	20	105	22	12/01/93
10	na 22 (n,h)f	20	106	22	12/01/93
11	na 22 (n,a)f	19	107	224	12/01/93
12	na 22 (n,2p)f	21	111	13	12/01/93

1	na 23 (n,2n)na	22	16	12	12/01/93
2	na 23 (n,na)f	19	22	13	12/01/93
3	na 23 (n,np)ne	22	28	23	12/01/93
4	na 23 (n,nd)ne	21	32	8	12/01/93
5	na 23 (n,nt)ne	20	33	7	12/01/93
6	na 23 (n,g)na	24	102	1262	12/01/93
7	na 23 (n,p)ne	23	103	102	12/01/93
8	na 23 (n,d)ne	22	104	22	12/01/93
9	na 23 (n,t)ne	21	105	18	12/01/93
10	na 23 (n,h)f	21	106	12	12/01/93

#	target	product	mt	# engeries	date
11	na 23 (n,a)	)f 20	107	45	12/01/93
12	na 23 (n,2p)	)f 22	111	2	12/01/93
13	na 23 (n,g*)	)na 24m	402	1262	12/01/93
1	mg 24 (n,2n)	)mg 23	16	4	12/01/93
2	mg 24 (n,na)	)ne 20	22	35	12/01/93
3	mg 24 (n,np)	)na 23	28	5	12/01/93
4	mg 24 (n,g)	)mg 25	102	547	12/01/93
5	mg 24 (n,p)	)na 24	103	45	12/01/93
6	mg 24 (n,d)	)na 23	104	22	12/01/93
7	mg 24 (n,t)	)na 22	105	11	12/01/93
8	mg 24 (n,h)	)ne 22	106	24	12/01/93
9	mg 24 (n,a)	)ne 21	107	9	12/01/93
10	mg 24 (n,2p)	)ne 23	111	10	12/01/93
11	mg 24 (n,p*)	)na 24m	403	44	12/01/93

#	target	product	mt	# engeries	date
1	mg 25 (n,2n)	)mg 24	16	15	12/01/93
2	mg 25 (n,na)	)ne 21	22	30	12/01/93
3	mg 25 (n,np)	)na 24	28	20	12/01/93
4	mg 25 (n,nd)	)na 23	32	8	12/01/93
5	mg 25 (n,g)	)mg 26	102	620	12/01/93
6	mg 25 (n,p)	)na 25	103	12	12/01/93
7	mg 25 (n,d)	)na 24	104	21	12/01/93
8	mg 25 (n,t)	)na 23	105	18	12/01/93
9	mg 25 (n,h)	)ne 23	106	16	12/01/93
10	mg 25 (n,a)	)ne 22	107	16	12/01/93
11	mg 25 (n,2p)	)ne 24	111	12	12/01/93
12	mg 25 (n,np*)	)na 24m	328	18	12/01/93
13	mg 25 (n,d*)	)na 24m	404	20	12/01/93

1	mg 26 (n,2n)	)mg 25	16	19	12/01/93
2	mg 26 (n,3n)	)mg 24	17	5	12/01/93
3	mg 26 (n,na)	)ne 22	22	29	12/01/93
4	mg 26 (n,np)	)na 25	28	14	12/01/93
5	mg 26 (n,g)	)mg 27	102	418	12/01/93
6	mg 26 (n,p)	)na 26	103	16	12/01/93
7	mg 26 (n,d)	)na 25	104	18	12/01/93
8	mg 26 (n,t)	)na 24	105	13	12/01/93
9	mg 26 (n,h)	)ne 24	106	9	12/01/93
10	mg 26 (n,a)	)ne 23	107	8	12/01/93
11	mg 26 (n,t*)	)na 24m	405	11	12/01/93

1	al 26 (n,n)	)al 26	4	1	12/01/93
2	al 26 (n,2n)	)al 25	16	25	12/01/93
3	al 26 (n,na)	)na 22	22	32	12/01/93
4	al 26 (n,np)	)mg 25	28	29	12/01/93
5	al 26 (n,nd)	)mg 24	32	20	12/01/93
6	al 26 (n,nh)	)na 23	34	7	12/01/93
7	al 26 (n,g)	)al 27	102	305	12/01/93
8	al 26 (n,p)	)mg 26	103	37	12/01/93
9	al 26 (n,d)	)mg 25	104	31	12/01/93
10	al 26 (n,t)	)mg 24	105	24	12/01/93
11	al 26 (n,h)	)na 24	106	28	12/01/93
12	al 26 (n,a)	)na 23	107	51	12/01/93
13	al 26 (n,2p)	)na 25	111	18	12/01/93
14	al 26 (n,n*)	)al 26m	304	53	12/01/93
15	al 26 (n,h*)	)na 24m	406	26	12/01/93

#	target	product	mt	# engeries	date
1	al 27 (n,2n)	)al 26	16	16	12/01/93
2	al 27 (n,na)	)na 23	22	29	12/01/93
3	al 27 (n,np)	)mg 26	28	29	12/01/93
4	al 27 (n,nd)	)mg 25	32	9	12/01/93
5	al 27 (n,nt)	)mg 24	33	6	12/01/93
6	al 27 (n,g)	)al 28	102	292	12/01/93
7	al 27 (n,p)	)mg 27	103	101	12/01/93
8	al 27 (n,d)	)mg 26	104	28	12/01/93
9	al 27 (n,t)	)mg 25	105	16	12/01/93
10	al 27 (n,h)	)na 25	106	20	12/01/93
11	al 27 (n,a)	)na 24	107	48	12/01/93
12	al 27 (n,2p)	)na 26	111	9	12/01/93

#	target	product	mt	# engeries	date
13	al 27 (n,2n*)	al 26m	316	14	12/01/93
14	al 27 (n,a*)	na 24m	407	48	12/01/93
1	si 28 (n,2n)	si 27	16	14	12/01/93
2	si 28 (n,na)	mg 24	22	31	12/01/93
3	si 28 (n,np)	al 27	28	21	12/01/93
4	si 28 (n,g)	si 29	102	1758	12/01/93
5	si 28 (n,p)	al 28	103	18	12/01/93
6	si 28 (n,d)	al 27	104	24	12/01/93
7	si 28 (n,t)	al 26	105	12	12/01/93
8	si 28 (n,h)	mg 26	106	28	12/01/93
9	si 28 (n,a)	mg 25	107	23	12/01/93
10	si 28 (n,2p)	mg 27	111	14	12/01/93
11	si 28 (n,t*)	al 26m	405	9	12/01/93

1	si 29 (n,2n)	si 28	16	15	12/01/93
2	si 29 (n,na)	mg 25	22	12	12/01/93
3	si 29 (n,np)	al 28	28	25	12/01/93
4	si 29 (n,nd)	al 27	32	6	12/01/93
5	si 29 (n,g)	si 30	102	424	12/01/93
6	si 29 (n,p)	al 29	103	39	12/01/93
7	si 29 (n,d)	al 28	104	23	12/01/93
8	si 29 (n,t)	al 27	105	19	12/01/93
9	si 29 (n,h)	mg 27	106	22	12/01/93
10	si 29 (n,a)	mg 26	107	40	12/01/93
11	si 29 (n,2p)	mg 28	111	14	12/01/93

1	si 30 (n,2n)	si 29	16	16	12/01/93
2	si 30 (n,3n)	si 28	17	4	12/01/93
3	si 30 (n,na)	mg 26	22	19	12/01/93
4	si 30 (n,np)	al 29	28	16	12/01/93
5	si 30 (n,g)	si 31	102	70	12/01/93
6	si 30 (n,p)	al 30	103	31	12/01/93
7	si 30 (n,d)	al 29	104	19	12/01/93
8	si 30 (n,t)	al 28	105	14	12/01/93
9	si 30 (n,h)	mg 28	106	9	12/01/93
10	si 30 (n,a)	mg 27	107	33	12/01/93

#	target	product	mt	# engeries	date
1	si 31 (n,2n)	si 30	16	33	12/01/93
2	si 31 (n,3n)	si 29	17	15	12/01/93
3	si 31 (n,na)	mg 27	22	26	12/01/93
4	si 31 (n,np)	al 30	28	13	12/01/93
5	si 31 (n,nd)	al 29	32	7	12/01/93
6	si 31 (n,g)	si 32	102	272	12/01/93
7	si 31 (n,p)	al 31	103	26	12/01/93
8	si 31 (n,d)	al 30	104	17	12/01/93
9	si 31 (n,t)	al 29	105	20	12/01/93
10	si 31 (n,h)	mg 29	106	2	12/01/93
11	si 31 (n,a)	mg 28	107	59	12/01/93

1	si 32 (n,2n)	si 31	16	28	12/01/93
2	si 32 (n,3n)	si 30	17	21	12/01/93
3	si 32 (n,na)	mg 28	22	20	12/01/93
4	si 32 (n,np)	al 31	28	10	12/01/93
5	si 32 (n,g)	si 33	102	270	12/01/93
6	si 32 (n,p)	al 32	103	19	12/01/93
7	si 32 (n,d)	al 31	104	14	12/01/93
8	si 32 (n,t)	al 30	105	12	12/01/93
9	si 32 (n,a)	mg 29	107	39	12/01/93

1	p 31 (n,2n)	p 30	16	9	12/01/93
2	p 31 (n,na)	al 27	22	31	12/01/93
3	p 31 (n,np)	si 30	28	5	12/01/93
4	p 31 (n,nd)	si 29	32	13	12/01/93
5	p 31 (n,nt)	si 28	33	6	12/01/93
6	p 31 (n,g)	p 32	102	8950	12/01/93
7	p 31 (n,p)	si 31	103	33	12/01/93
8	p 31 (n,d)	si 30	104	29	12/01/93
9	p 31 (n,t)	si 29	105	26	12/01/93
10	p 31 (n,h)	al 29	106	26	12/01/93
11	p 31 (n,a)	al 28	107	9	12/01/93
12	p 31 (n,2p)	al 30	111	12	12/01/93

#	target	product	mt	# engeries	date
1	p 32 (n,2n)	)p 31	16	28	12/01/93
2	p 32 (n,na)	)al 28	22	32	12/01/93
3	p 32 (n,np)	)si 31	28	18	12/01/93
4	p 32 (n,nd)	)si 30	32	15	12/01/93
5	p 32 (n,nt)	)si 29	33	8	12/01/93
6	p 32 (n,g)	)p 33	102	353	12/01/93
7	p 32 (n,p)	)si 32	103	33	12/01/93
8	p 32 (n,d)	)si 31	104	28	12/01/93
9	p 32 (n,t)	)si 30	105	28	12/01/93
10	p 32 (n,h)	)al 30	106	13	12/01/93
11	p 32 (n,a)	)al 29	107	76	12/01/93
12	p 32 (n,2p)	)al 31	111	10	12/01/93

#	target	product	mt	# engeries	date
1	p 33 (n,2n)	)p 32	16	30	12/01/93
2	p 33 (n,3n)	)p 31	17	9	12/01/93
3	p 33 (n,na)	)al 29	22	28	12/01/93
4	p 33 (n,np)	)si 32	28	23	12/01/93
5	p 33 (n,nd)	)si 31	32	9	12/01/93
6	p 33 (n,nt)	)si 30	33	9	12/01/93
7	p 33 (n,g)	)p 34	102	358	12/01/93
8	p 33 (n,p)	)si 33	103	34	12/01/93
9	p 33 (n,d)	)si 32	104	23	12/01/93
10	p 33 (n,t)	)si 31	105	21	12/01/93
11	p 33 (n,h)	)al 31	106	6	12/01/93
12	p 33 (n,a)	)al 30	107	49	12/01/93

1	s 32 (n,2n)	)s 31	16	7	12/01/93
2	s 32 (n,na)	)si 28	22	43	12/01/93
3	s 32 (n,np)	)p 31	28	3	12/01/93
4	s 32 (n,nd)	)p 30	32	2	12/01/93
5	s 32 (n,nh)	)si 29	34	2	12/01/93
6	s 32 (n,g)	)s 33	102	3950	12/01/93
7	s 32 (n,p)	)p 32	103	15	12/01/93
8	s 32 (n,d)	)p 31	104	27	12/01/93
9	s 32 (n,t)	)p 30	105	3	12/01/93
10	s 32 (n,h)	)si 30	106	38	12/01/93
11	s 32 (n,a)	)si 29	107	39	12/01/93
12	s 32 (n,2p)	)si 31	111	22	12/01/93

1	s 33 (n,2n)	)s 32	16	14	12/01/93
2	s 33 (n,na)	)si 29	22	14	12/01/93
3	s 33 (n,np)	)p 32	28	15	12/01/93
4	s 33 (n,nd)	)p 31	32	12	12/01/93
5	s 33 (n,nh)	)si 30	34	8	12/01/93
6	s 33 (n,g)	)s 34	102	767	12/01/93
7	s 33 (n,p)	)p 33	103	22	12/01/93
8	s 33 (n,d)	)p 32	104	14	12/01/93
9	s 33 (n,t)	)p 31	105	26	12/01/93
10	s 33 (n,h)	)si 31	106	31	12/01/93
11	s 33 (n,a)	)si 30	107	25	12/01/93
12	s 33 (n,2p)	)si 32	111	23	12/01/93

#	target	product	mt	# engeries	date
1	s 34 (n,2n)	)s 33	16	14	12/01/93
2	s 34 (n,na)	)si 30	22	14	12/01/93
3	s 34 (n,np)	)p 33	28	16	12/01/93
4	s 34 (n,nd)	)p 32	32	5	12/01/93
5	s 34 (n,g)	)s 35	102	639	12/01/93
6	s 34 (n,p)	)p 34	103	21	12/01/93
7	s 34 (n,d)	)p 33	104	14	12/01/93
8	s 34 (n,t)	)p 32	105	19	12/01/93
9	s 34 (n,h)	)si 32	106	21	12/01/93
10	s 34 (n,a)	)si 31	107	68	12/01/93
11	s 34 (n,2p)	)si 33	111	11	12/01/93

1	s 35 (n,2n)	)s 34	16	31	12/01/93
2	s 35 (n,3n)	)s 33	17	8	12/01/93
3	s 35 (n,na)	)si 31	22	40	12/01/93
4	s 35 (n,np)	)p 34	28	16	12/01/93
5	s 35 (n,nd)	)p 33	32	11	12/01/93
6	s 35 (n,g)	)s 36	102	339	12/01/93
7	s 35 (n,p)	)p 35	103	36	12/01/93

#	target	product	mt	# engeries	date
8	s 35 (n,d)	)p 34	104	23	12/01/93
9	s 35 (n,t)	)p 33	105	24	12/01/93
10	s 35 (n,h)	)si 33	106	17	12/01/93
11	s 35 (n,a)	)si 32	107	72	12/01/93
12	s 35 (n,2p)	)si 34	111	11	12/01/93
1	s 36 (n,2n)	)s 35	16	18	12/01/93
2	s 36 (n,3n)	)s 34	17	10	12/01/93
3	s 36 (n,na)	)si 32	22	14	12/01/93
4	s 36 (n,np)	)p 35	28	17	12/01/93
5	s 36 (n,nd)	)p 34	32	2	12/01/93
6	s 36 (n,nt)	)p 33	33	2	12/01/93
7	s 36 (n,g)	)s 37	102	217	12/01/93
8	s 36 (n,p)	)p 36	103	27	12/01/93
9	s 36 (n,d)	)p 35	104	21	12/01/93
10	s 36 (n,t)	)p 34	105	18	12/01/93
11	s 36 (n,h)	)si 34	106	10	12/01/93
12	s 36 (n,a)	)si 33	107	47	12/01/93

#	target	product	mt	# engeries	date
1	cl 35 (n,2n)	)cl 34	16	6	12/01/93
2	cl 35 (n,na)	)p 31	22	14	12/01/93
3	cl 35 (n,np)	)s 34	28	14	12/01/93
4	cl 35 (n,nd)	)s 33	32	11	12/01/93
5	cl 35 (n,nt)	)s 32	33	7	12/01/93
6	cl 35 (n,g)	)cl 36	102	5065	12/01/93
7	cl 35 (n,p)	)s 35	103	32	12/01/93
8	cl 35 (n,d)	)s 34	104	31	12/01/93
9	cl 35 (n,t)	)s 33	105	26	12/01/93
10	cl 35 (n,h)	)p 33	106	36	12/01/93
11	cl 35 (n,a)	)p 32	107	32	12/01/93
12	cl 35 (n,2p)	)p 34	111	19	12/01/93
13	cl 35 (n,2n*)	)cl 34m	316	15	12/01/93

1	cl 36 (n,2n)	)cl 35	16	14	12/01/93
2	cl 36 (n,na)	)p 32	22	14	12/01/93
3	cl 36 (n,np)	)s 35	28	17	12/01/93
4	cl 36 (n,nd)	)s 34	32	15	12/01/93
5	cl 36 (n,nt)	)s 33	33	7	12/01/93
6	cl 36 (n,nh)	)p 33	34	6	12/01/93
7	cl 36 (n,g)	)cl 37	102	349	12/01/93
8	cl 36 (n,p)	)s 36	103	101	12/01/93
9	cl 36 (n,d)	)s 35	104	29	12/01/93
10	cl 36 (n,t)	)s 34	105	28	12/01/93
11	cl 36 (n,h)	)p 34	106	22	12/01/93
12	cl 36 (n,a)	)p 33	107	22	12/01/93
13	cl 36 (n,2p)	)p 35	111	19	12/01/93

1	cl 37 (n,2n)	)cl 36	16	16	12/01/93
2	cl 37 (n,3n)	)cl 35	17	3	12/01/93
3	cl 37 (n,na)	)p 33	22	14	12/01/93
4	cl 37 (n,np)	)s 36	28	15	12/01/93
5	cl 37 (n,nd)	)s 35	32	11	12/01/93
6	cl 37 (n,nt)	)s 34	33	9	12/01/93
7	cl 37 (n,g)	)cl 38	102	3350	12/01/93
8	cl 37 (n,p)	)s 37	103	19	12/01/93
9	cl 37 (n,d)	)s 36	104	30	12/01/93
10	cl 37 (n,t)	)s 35	105	25	12/01/93
11	cl 37 (n,h)	)p 35	106	22	12/01/93
12	cl 37 (n,a)	)p 34	107	23	12/01/93
13	cl 37 (n,2p)	)p 36	111	8	12/01/93
14	cl 37 (n,g*)	)cl 38m	402	3361	12/01/93

#	target	product	mt	# engeries	date
1	ar 36 (n,2n)	)ar 35	16	14	12/01/93
2	ar 36 (n,na)	)s 32	22	47	12/01/93
3	ar 36 (n,np)	)cl 35	28	23	12/01/93
4	ar 36 (n,nd)	)cl 34	32	5	12/01/93
5	ar 36 (n,nh)	)s 33	34	5	12/01/93
6	ar 36 (n,g)	)ar 37	102	317	12/01/93
7	ar 36 (n,p)	)cl 36	103	15	12/01/93

#	target	product	mt	# engeries	date
8	ar 36 (n,d)	)cl 35	104	31	12/01/93
9	ar 36 (n,t)	)cl 34	105	18	12/01/93
10	ar 36 (n,h)	)s 34	106	43	12/01/93
11	ar 36 (n,a)	)s 33	107	16	12/01/93
12	ar 36 (n,2p)	)s 35	111	25	12/01/93
13	ar 36 (n,nd*)	)cl 34m	332	8	12/01/93
14	ar 36 (n,t*)	)cl 34m	405	18	12/01/93
1	ar 37 (n,2n)	)ar 36	16	25	12/01/93
2	ar 37 (n,na)	)s 33	22	46	12/01/93
3	ar 37 (n,np)	)cl 36	28	26	12/01/93
4	ar 37 (n,nd)	)cl 35	32	13	12/01/93
5	ar 37 (n,nh)	)s 34	34	11	12/01/93
6	ar 37 (n,g)	)ar 38	102	335	12/01/93
7	ar 37 (n,p)	)cl 37	103	216	12/01/93
8	ar 37 (n,d)	)cl 36	104	29	12/01/93
9	ar 37 (n,t)	)cl 35	105	28	12/01/93
10	ar 37 (n,h)	)s 35	106	38	12/01/93
11	ar 37 (n,a)	)s 34	107	218	12/01/93
12	ar 37 (n,2p)	)s 36	111	27	12/01/93
1	ar 38 (n,2n)	)ar 37	16	14	12/01/93
2	ar 38 (n,na)	)s 34	22	45	12/01/93
3	ar 38 (n,np)	)cl 37	28	20	12/01/93
4	ar 38 (n,nd)	)cl 36	32	6	12/01/93
5	ar 38 (n,g)	)ar 39	102	404	12/01/93
6	ar 38 (n,p)	)cl 38	103	15	12/01/93
7	ar 38 (n,d)	)cl 37	104	28	12/01/93
8	ar 38 (n,t)	)cl 36	105	22	12/01/93
9	ar 38 (n,h)	)s 36	106	32	12/01/93
10	ar 38 (n,a)	)s 35	107	15	12/01/93
11	ar 38 (n,2p)	)s 37	111	13	12/01/93
12	ar 38 (n,p*)	)cl 38m	403	15	12/01/93
#	target	product	mt	# engeries	date
1	ar 39 (n,2n)	)ar 38	16	19	12/01/93
2	ar 39 (n,3n)	)ar 37	17	6	12/01/93
3	ar 39 (n,na)	)s 35	22	46	12/01/93
4	ar 39 (n,np)	)cl 38	28	16	12/01/93
5	ar 39 (n,nd)	)cl 37	32	14	12/01/93
6	ar 39 (n,nt)	)cl 36	33	5	12/01/93
7	ar 39 (n,nh)	)s 36	34	8	12/01/93
8	ar 39 (n,g)	)ar 40	102	334	12/01/93
9	ar 39 (n,p)	)cl 39	103	15	12/01/93
10	ar 39 (n,d)	)cl 38	104	26	12/01/93
11	ar 39 (n,t)	)cl 37	105	28	12/01/93
12	ar 39 (n,h)	)s 37	106	24	12/01/93
13	ar 39 (n,a)	)s 36	107	15	12/01/93
14	ar 39 (n,2p)	)s 38	111	16	12/01/93
15	ar 39 (n,np*)	)cl 38m	328	14	12/01/93
16	ar 39 (n,d*)	)cl 38m	404	25	12/01/93
1	ar 40 (n,2n)	)ar 39	16	21	12/01/93
2	ar 40 (n,3n)	)ar 38	17	10	12/01/93
3	ar 40 (n,na)	)s 36	22	47	12/01/93
4	ar 40 (n,np)	)cl 39	28	17	12/01/93
5	ar 40 (n,nd)	)cl 38	32	7	12/01/93
6	ar 40 (n,nt)	)cl 37	33	6	12/01/93
7	ar 40 (n,g)	)ar 41	102	3209	12/01/93
8	ar 40 (n,p)	)cl 40	103	14	12/01/93
9	ar 40 (n,d)	)cl 39	104	24	12/01/93
10	ar 40 (n,t)	)cl 38	105	19	12/01/93
11	ar 40 (n,h)	)s 38	106	20	12/01/93
12	ar 40 (n,a)	)s 37	107	14	12/01/93
13	ar 40 (n,2p)	)s 39	111	5	12/01/93
14	ar 40 (n,nd*)	)cl 38m	332	8	12/01/93
15	ar 40 (n,t*)	)cl 38m	405	16	12/01/93
1	ar 41 (n,2n)	)ar 40	16	33	12/01/93
2	ar 41 (n,3n)	)ar 39	17	20	12/01/93
3	ar 41 (n,na)	)s 37	22	40	12/01/93
4	ar 41 (n,np)	)cl 40	28	17	12/01/93
5	ar 41 (n,nd)	)cl 39	32	10	12/01/93

#	target	product	mt	# engeries	date
6	ar 41 (n,nt)	)cl 38	33	5	12/01/93
7	ar 41 (n,g)	)ar 42	102	343	12/01/93
8	ar 41 (n,p)	)cl 41	103	34	12/01/93
9	ar 41 (n,d)	)cl 40	104	25	12/01/93
10	ar 41 (n,t)	)cl 39	105	26	12/01/93
11	ar 41 (n,h)	)s 39	106	13	12/01/93
12	ar 41 (n,a)	)s 38	107	69	12/01/93
13	ar 41 (n,2p)	)s 40	111	8	12/01/93
14	ar 41 (n,nt*)	)cl 38m	333	4	12/01/93

#	target	product	mt	# engeries	date
1	ar 42 (n,2n)	)ar 41	16	24	12/01/93
2	ar 42 (n,3n)	)ar 40	17	13	12/01/93
3	ar 42 (n,na)	)s 38	22	35	12/01/93
4	ar 42 (n,np)	)cl 41	28	14	12/01/93
5	ar 42 (n,g)	)ar 43	102	332	12/01/93
6	ar 42 (n,p)	)cl 42	103	30	12/01/93
7	ar 42 (n,d)	)cl 41	104	21	12/01/93
8	ar 42 (n,t)	)cl 40	105	15	12/01/93
9	ar 42 (n,h)	)s 40	106	5	12/01/93
10	ar 42 (n,a)	)s 39	107	47	12/01/93

1	k 39 (n,2n)	)k 38	16	16	12/01/93
2	k 39 (n,na)	)cl 35	22	45	12/01/93
3	k 39 (n,np)	)ar 38	28	14	12/01/93
4	k 39 (n,nd)	)ar 37	32	11	12/01/93
5	k 39 (n,nt)	)ar 36	33	6	12/01/93
6	k 39 (n,nh)	)cl 36	34	2	12/01/93
7	k 39 (n,g)	)k 40	102	2676	12/01/93
8	k 39 (n,p)	)ar 39	103	66	12/01/93
9	k 39 (n,d)	)ar 38	104	33	12/01/93
10	k 39 (n,t)	)ar 37	105	30	12/01/93
11	k 39 (n,h)	)cl 37	106	39	12/01/93
12	k 39 (n,a)	)cl 36	107	31	12/01/93
13	k 39 (n,2p)	)cl 38	111	20	12/01/93
14	k 39 (n,2n*)	)k 38m	316	15	12/01/93
15	k 39 (n,2p*)	)cl 38m	411	18	12/01/93

1	k 40 (n,2n)	)k 39	16	16	12/01/93
2	k 40 (n,na)	)cl 36	22	47	12/01/93
3	k 40 (n,np)	)ar 39	28	25	12/01/93
4	k 40 (n,nd)	)ar 38	32	17	12/01/93
5	k 40 (n,nt)	)ar 37	33	8	12/01/93
6	k 40 (n,nh)	)cl 37	34	9	12/01/93
7	k 40 (n,g)	)k 41	102	353	12/01/93
8	k 40 (n,p)	)ar 40	103	94	12/01/93
9	k 40 (n,d)	)ar 39	104	37	12/01/93
10	k 40 (n,t)	)ar 38	105	31	12/01/93
11	k 40 (n,h)	)cl 38	106	34	12/01/93
12	k 40 (n,a)	)cl 37	107	97	12/01/93
13	k 40 (n,2p)	)cl 39	111	23	12/01/93
14	k 40 (n,h*)	)cl 38m	406	30	12/01/93

#	target	product	mt	# engeries	date
1	k 41 (n,2n)	)k 40	16	20	12/01/93
2	k 41 (n,3n)	)k 39	17	8	12/01/93
3	k 41 (n,na)	)cl 37	22	47	12/01/93
4	k 41 (n,np)	)ar 40	28	36	12/01/93
5	k 41 (n,nd)	)ar 39	32	12	12/01/93
6	k 41 (n,nt)	)ar 38	33	11	12/01/93
7	k 41 (n,g)	)k 42	102	2308	12/01/93
8	k 41 (n,p)	)ar 41	103	48	12/01/93
9	k 41 (n,d)	)ar 40	104	35	12/01/93
10	k 41 (n,t)	)ar 39	105	29	12/01/93
11	k 41 (n,h)	)cl 39	106	28	12/01/93
12	k 41 (n,a)	)cl 38	107	12	12/01/93
13	k 41 (n,2p)	)cl 40	111	14	12/01/93
14	k 41 (n,a*)	)cl 38m	407	65	12/01/93

1	k 42 (n,2n)	)k 41	16	28	12/01/93
2	k 42 (n,3n)	)k 40	17	11	12/01/93
3	k 42 (n,na)	)cl 38	22	47	12/01/93

#	target	product	mt	# engeries	date
4	k 42 (n,np)	jar 41	28	25	12/01/93
5	k 42 (n,nd)	jar 40	32	17	12/01/93
6	k 42 (n,nt)	jar 39	33	9	12/01/93
7	k 42 (n,g)	jk 43	102	357	12/01/93
8	k 42 (n,p)	jar 42	103	61	12/01/93
9	k 42 (n,d)	jar 41	104	35	12/01/93
10	k 42 (n,t)	jar 40	105	29	12/01/93
11	k 42 (n,h)	cl 40	106	21	12/01/93
12	k 42 (n,a)	cl 39	107	77	12/01/93
13	k 42 (n,2p)	cl 41	111	14	12/01/93
14	k 42 (n,na*)	cl 38m	322	41	12/01/93

1	k 43 (n,2n)	jk 42	16	30	12/01/93
2	k 43 (n,3n)	jk 41	17	13	12/01/93
3	k 43 (n,na)	cl 39	22	35	12/01/93
4	k 43 (n,np)	jar 42	28	24	12/01/93
5	k 43 (n,nd)	jar 41	32	9	12/01/93
6	k 43 (n,nt)	jar 40	33	10	12/01/93
7	k 43 (n,g)	jk 44	102	358	12/01/93
8	k 43 (n,p)	jar 43	103	42	12/01/93
9	k 43 (n,d)	jar 42	104	32	12/01/93
10	k 43 (n,t)	jar 41	105	24	12/01/93
11	k 43 (n,h)	cl 41	106	16	12/01/93
12	k 43 (n,a)	cl 40	107	58	12/01/93
13	k 43 (n,2p)	cl 42	111	5	12/01/93

#	target	product	mt	# engeries	date
1	ca 40 (n,2n)	ca 39	16	6	12/01/93
2	ca 40 (n,na)	jar 36	22	4	12/01/93
3	ca 40 (n,np)	jk 39	28	60	12/01/93
4	ca 40 (n,nd)	jk 38	32	2	12/01/93
5	ca 40 (n,nh)	jar 37	34	5	12/01/93
6	ca 40 (n,g)	ca 41	102	2937	12/01/93
7	ca 40 (n,p)	jk 40	103	10	12/01/93
8	ca 40 (n,d)	jk 39	104	33	12/01/93
9	ca 40 (n,t)	jk 38	105	3	12/01/93
10	ca 40 (n,h)	jar 38	106	45	12/01/93
11	ca 40 (n,a)	jar 37	107	33	12/01/93
12	ca 40 (n,2p)	jar 39	111	26	12/01/93
13	ca 40 (n,nd*)	jk 38m	332	2	12/01/93
14	ca 40 (n,t*)	jk 38m	405	3	12/01/93

1	ca 41 (n,2n)	ca 40	16	25	12/01/93
2	ca 41 (n,na)	jar 37	22	47	12/01/93
3	ca 41 (n,np)	jk 40	28	25	12/01/93
4	ca 41 (n,nd)	jk 39	32	14	12/01/93
5	ca 41 (n,nh)	jar 38	34	12	12/01/93
6	ca 41 (n,g)	ca 42	102	343	12/01/93
7	ca 41 (n,p)	jk 41	103	49	12/01/93
8	ca 41 (n,d)	jk 40	104	33	12/01/93
9	ca 41 (n,t)	jk 39	105	31	12/01/93
10	ca 41 (n,h)	jar 39	106	41	12/01/93
11	ca 41 (n,a)	jar 38	107	55	12/01/93
12	ca 41 (n,2p)	jar 40	111	35	12/01/93

1	ca 42 (n,2n)	ca 41	16	24	12/01/93
2	ca 42 (n,na)	jar 38	22	47	12/01/93
3	ca 42 (n,np)	jk 41	28	23	12/01/93
4	ca 42 (n,nd)	jk 40	32	6	12/01/93
5	ca 42 (n,g)	ca 43	102	2668	12/01/93
6	ca 42 (n,p)	jk 42	103	49	12/01/93
7	ca 42 (n,d)	jk 41	104	30	12/01/93
8	ca 42 (n,t)	jk 40	105	22	12/01/93
9	ca 42 (n,h)	jar 40	106	34	12/01/93
10	ca 42 (n,a)	jar 39	107	34	12/01/93
11	ca 42 (n,2p)	jar 41	111	18	12/01/93

# target	product	mt	# engeries	date
1 ca 43 (n,2n)	)ca 42	16	23	12/01/93
2 ca 43 (n,3n)	)ca 41	17	2	12/01/93
3 ca 43 (n,na)	)ar 39	22	45	12/01/93
4 ca 43 (n,np)	)k 42	28	21	12/01/93
5 ca 43 (n,nd)	)k 41	32	11	12/01/93
6 ca 43 (n,nh)	)ar 40	34	6	12/01/93
7 ca 43 (n,g)	)ca 44	102	2032	12/01/93
8 ca 43 (n,p)	)k 43	103	54	12/01/93
9 ca 43 (n,d)	)k 42	104	30	12/01/93
10 ca 43 (n,t)	)k 41	105	30	12/01/93
11 ca 43 (n,h)	)ar 41	106	30	12/01/93
12 ca 43 (n,a)	)ar 40	107	70	12/01/93
13 ca 43 (n,2p)	)ar 42	111	20	12/01/93
1 ca 44 (n,2n)	)ca 43	16	27	12/01/93
2 ca 44 (n,3n)	)ca 42	17	4	12/01/93
3 ca 44 (n,na)	)ar 40	22	32	12/01/93
4 ca 44 (n,np)	)k 43	28	18	12/01/93
5 ca 44 (n,g)	)ca 45	102	1702	12/01/93
6 ca 44 (n,p)	)k 44	103	42	12/01/93
7 ca 44 (n,d)	)k 43	104	28	12/01/93
8 ca 44 (n,t)	)k 42	105	17	12/01/93
9 ca 44 (n,h)	)ar 42	106	23	12/01/93
10 ca 44 (n,a)	)ar 41	107	27	12/01/93
11 ca 44 (n,2p)	)ar 43	111	11	12/01/93
1 ca 45 (n,2n)	)ca 44	16	25	12/01/93
2 ca 45 (n,3n)	)ca 43	17	8	12/01/93
3 ca 45 (n,na)	)ar 41	22	33	12/01/93
4 ca 45 (n,np)	)k 44	28	17	12/01/93
5 ca 45 (n,nd)	)k 43	32	8	12/01/93
6 ca 45 (n,g)	)ca 46	102	348	12/01/93
7 ca 45 (n,p)	)k 45	103	43	12/01/93
8 ca 45 (n,d)	)k 44	104	26	12/01/93
9 ca 45 (n,t)	)k 43	105	25	12/01/93
10 ca 45 (n,h)	)ar 43	106	17	12/01/93
11 ca 45 (n,a)	)ar 42	107	35	12/01/93
12 ca 45 (n,2p)	)ar 44	111	13	12/01/93
1 ca 46 (n,2n)	)ca 45	16	24	12/01/93
2 ca 46 (n,3n)	)ca 44	17	11	12/01/93
3 ca 46 (n,na)	)ar 42	22	30	12/01/93
4 ca 46 (n,np)	)k 45	28	15	12/01/93
5 ca 46 (n,g)	)ca 47	102	346	12/01/93
6 ca 46 (n,p)	)k 46	103	34	12/01/93
7 ca 46 (n,d)	)k 45	104	22	12/01/93
8 ca 46 (n,t)	)k 44	105	15	12/01/93
9 ca 46 (n,h)	)ar 44	106	9	12/01/93
10 ca 46 (n,a)	)ar 43	107	47	12/01/93
# target	product	mt	# engeries	date
1 ca 47 (n,2n)	)ca 46	16	32	12/01/93
2 ca 47 (n,3n)	)ca 45	17	11	12/01/93
3 ca 47 (n,na)	)ar 43	22	26	12/01/93
4 ca 47 (n,np)	)k 46	28	14	12/01/93
5 ca 47 (n,nd)	)k 45	32	5	12/01/93
6 ca 47 (n,g)	)ca 48	102	357	12/01/93
7 ca 47 (n,p)	)k 47	103	37	12/01/93
8 ca 47 (n,d)	)k 46	104	21	12/01/93
9 ca 47 (n,t)	)k 45	105	20	12/01/93
10 ca 47 (n,h)	)ar 45	106	2	12/01/93
11 ca 47 (n,a)	)ar 44	107	51	12/01/93
12 ca 47 (n,2p)	)ar 46	111	2	12/01/93
1 ca 48 (n,2n)	)ca 47	16	29	12/01/93
2 ca 48 (n,3n)	)ca 46	17	13	12/01/93
3 ca 48 (n,na)	)ar 44	22	20	12/01/93
4 ca 48 (n,np)	)k 47	28	11	12/01/93
5 ca 48 (n,g)	)ca 49	102	543	12/01/93
6 ca 48 (n,p)	)k 48	103	24	12/01/93
7 ca 48 (n,d)	)k 47	104	18	12/01/93
8 ca 48 (n,t)	)k 46	105	12	12/01/93
9 ca 48 (n,a)	)ar 45	107	38	12/01/93

#	target	product	mt	# engeries	date
1	sc 44m(n,n)	)sc 44	4	50	12/01/93
2	sc 44m(n,2n)	)sc 43	16	24	12/01/93
3	sc 44m(n,na)	)k 40	22	44	12/01/93
4	sc 44m(n,np)	)ca 43	28	37	12/01/93
5	sc 44m(n,nd)	)ca 42	32	17	12/01/93
6	sc 44m(n,nt)	)ca 41	33	7	12/01/93
7	sc 44m(n,nh)	)k 41	34	8	12/01/93
8	sc 44m(n,g)	)sc 45	102	364	12/01/93
9	sc 44m(n,p)	)ca 44	103	49	12/01/93
10	sc 44m(n,d)	)ca 43	104	41	12/01/93
11	sc 44m(n,t)	)ca 42	105	31	12/01/93
12	sc 44m(n,h)	)k 42	106	36	12/01/93
13	sc 44m(n,a)	)k 41	107	68	12/01/93
14	sc 44m(n,2p)	)k 43	111	28	12/01/93
15	sc 44m(n,g*)	)sc 45m	402	364	12/01/93

#	target	product	mt	# engeries	date
1	sc 45 (n,n)	)sc 45	4	1	12/01/93
2	sc 45 (n,2n)	)sc 44	16	13	12/01/93
3	sc 45 (n,na)	)k 41	22	34	12/01/93
4	sc 45 (n,np)	)ca 44	28	38	12/01/93
5	sc 45 (n,nd)	)ca 43	32	11	12/01/93
6	sc 45 (n,nt)	)ca 42	33	8	12/01/93
7	sc 45 (n,g)	)sc 46	102	5210	12/01/93
8	sc 45 (n,p)	)ca 45	103	30	12/01/93
9	sc 45 (n,d)	)ca 44	104	39	12/01/93
10	sc 45 (n,t)	)ca 43	105	29	12/01/93
11	sc 45 (n,h)	)k 43	106	32	12/01/93
12	sc 45 (n,a)	)k 42	107	28	12/01/93
13	sc 45 (n,2p)	)k 44	111	18	12/01/93
14	sc 45 (n,n*)	)sc 45m	304	43	12/01/93
15	sc 45 (n,2n*)	)sc 44m	316	14	12/01/93
16	sc 45 (n,g*)	)sc 46m	402	5211	12/01/93

1	sc 46 (n,n)	)sc 46	4	1	12/01/93
2	sc 46 (n,2n)	)sc 45	16	29	12/01/93
3	sc 46 (n,na)	)k 42	22	32	12/01/93
4	sc 46 (n,np)	)ca 45	28	34	12/01/93
5	sc 46 (n,nd)	)ca 44	32	16	12/01/93
6	sc 46 (n,nt)	)ca 43	33	6	12/01/93
7	sc 46 (n,g)	)sc 47	102	369	12/01/93
8	sc 46 (n,p)	)ca 46	103	57	12/01/93
9	sc 46 (n,d)	)ca 45	104	36	12/01/93
10	sc 46 (n,t)	)ca 44	105	32	12/01/93
11	sc 46 (n,h)	)k 44	106	27	12/01/93
12	sc 46 (n,a)	)k 43	107	78	12/01/93
13	sc 46 (n,2p)	)k 45	111	19	12/01/93
14	sc 46 (n,n*)	)sc 46m	304	49	12/01/93
15	sc 46 (n,2n*)	)sc 45m	316	29	12/01/93

1	sc 47 (n,2n)	)sc 46	16	26	12/01/93
2	sc 47 (n,3n)	)sc 45	17	2	12/01/93
3	sc 47 (n,na)	)k 43	22	31	12/01/93
4	sc 47 (n,np)	)ca 46	28	34	12/01/93
5	sc 47 (n,nd)	)ca 45	32	9	12/01/93
6	sc 47 (n,nt)	)ca 44	33	7	12/01/93
7	sc 47 (n,g)	)sc 48	102	364	12/01/93
8	sc 47 (n,p)	)ca 47	103	55	12/01/93
9	sc 47 (n,d)	)ca 46	104	36	12/01/93
10	sc 47 (n,t)	)ca 45	105	26	12/01/93
11	sc 47 (n,h)	)k 45	106	22	12/01/93
12	sc 47 (n,a)	)k 44	107	62	12/01/93
13	sc 47 (n,2p)	)k 46	111	12	12/01/93
14	sc 47 (n,2n*)	)sc 46m	316	23	12/01/93
15	sc 47 (n,3n*)	)sc 45m	317	2	12/01/93

#	target	product	mt	# engeries	date
1	sc 48 (n,2n	)sc 47	16	28	12/01/93
2	sc 48 (n,3n	)sc 46	17	7	12/01/93
3	sc 48 (n,na	)k 44	22	30	12/01/93
4	sc 48 (n,np	)ca 47	28	29	12/01/93
5	sc 48 (n,nd	)ca 46	32	14	12/01/93
6	sc 48 (n,nt	)ca 45	33	5	12/01/93
7	sc 48 (n,g	)sc 49	102	368	12/01/93
8	sc 48 (n,p	)ca 48	103	61	12/01/93
9	sc 48 (n,d	)ca 47	104	36	12/01/93
10	sc 48 (n,t	)ca 46	105	32	12/01/93
11	sc 48 (n,h	)k 46	106	17	12/01/93
12	sc 48 (n,s	)k 45	107	65	12/01/93
13	sc 48 (n,2p	)k 47	111	12	12/01/93
14	sc 48 (n,3n*	)sc 46m	317	7	12/01/93

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Appendix A-2

List of Reactions on files *.ti.zn

#	target	product	mt	# engeries	date
1	ti 44 (n,2n)	)ti 43	16	11	12/01/93
2	ti 44 (n,na)	)ca 40	22	49	12/01/93
3	ti 44 (n,np)	)sc 43	28	36	12/01/93
4	ti 44 (n,nd)	)sc 42	32	7	12/01/93
5	ti 44 (n,nh)	)ca 41	34	8	12/01/93
6	ti 44 (n,g)	)ti 45	102	332	12/01/93
7	ti 44 (n,p)	)sc 44	103	56	12/01/93
8	ti 44 (n,d)	)sc 43	104	34	12/01/93
9	ti 44 (n,t)	)sc 42	105	21	12/01/93
10	ti 44 (n,h)	)ca 42	106	50	12/01/93
11	ti 44 (n,a)	)ca 41	107	67	12/01/93
12	ti 44 (n,2p)	)ca 43	111	39	12/01/93
13	ti 44 (n,nd*)	)sc 42m	332	8	12/01/93
14	ti 44 (n,p*)	)sc 44m	403	56	12/01/93
15	ti 44 (n,t*)	)sc 42m	405	19	12/01/93
1	ti 45 (n,2n)	)ti 44	16	24	12/01/93
2	ti 45 (n,na)	)ca 41	22	49	12/01/93
3	ti 45 (n,np)	)sc 44	28	35	12/01/93
4	ti 45 (n,nd)	)sc 43	32	11	12/01/93
5	ti 45 (n,nh)	)ca 42	34	12	12/01/93
6	ti 45 (n,g)	)ti 46	102	360	12/01/93
7	ti 45 (n,p)	)sc 45	103	51	12/01/93
8	ti 45 (n,d)	)sc 44	104	35	12/01/93
9	ti 45 (n,t)	)sc 43	105	31	12/01/93
10	ti 45 (n,h)	)ca 43	106	44	12/01/93
11	ti 45 (n,a)	)ca 42	107	56	12/01/93
12	ti 45 (n,2p)	)ca 44	111	43	12/01/93
13	ti 45 (n,np*)	)sc 44m	328	35	12/01/93
14	ti 45 (n,p*)	)sc 45m	403	51	12/01/93
15	ti 45 (n,d*)	)sc 44m	404	33	12/01/93

#	target	product	mt	# engeries	date
1	ti 46 (n,2n)	)ti 45	16	27	12/01/93
2	ti 46 (n,na)	)ca 42	22	12	12/01/93
3	ti 46 (n,np)	)sc 45	28	15	12/01/93
4	ti 46 (n,nd)	)sc 44	32	2	12/01/93
5	ti 46 (n,g)	)ti 47	102	2670	12/01/93
6	ti 46 (n,p)	)sc 46	103	46	12/01/93
7	ti 46 (n,d)	)sc 45	104	36	12/01/93
8	ti 46 (n,t)	)sc 44	105	12	12/01/93
9	ti 46 (n,h)	)ca 44	106	41	12/01/93
10	ti 46 (n,a)	)ca 43	107	33	12/01/93
11	ti 46 (n,2p)	)ca 45	111	40	12/01/93
12	ti 46 (n,np*)	)sc 45m	328	15	12/01/93
13	ti 46 (n,p*)	)sc 46m	403	46	12/01/93
14	ti 46 (n,d*)	)sc 45m	404	36	12/01/93
15	ti 46 (n,t*)	)sc 44m	405	12	12/01/93
1	ti 47 (n,2n)	)ti 46	16	15	12/01/93
2	ti 47 (n,na)	)ca 43	22	10	12/01/93
3	ti 47 (n,np)	)sc 46	28	66	12/01/93
4	ti 47 (n,nd)	)sc 45	32	9	12/01/93
5	ti 47 (n,nh)	)ca 44	34	7	12/01/93
6	ti 47 (n,g)	)ti 48	102	2855	12/01/93
7	ti 47 (n,p)	)sc 47	103	34	12/01/93
8	ti 47 (n,d)	)sc 46	104	14	12/01/93
9	ti 47 (n,t)	)sc 45	105	38	12/01/93
10	ti 47 (n,h)	)ca 45	106	36	12/01/93
11	ti 47 (n,a)	)ca 44	107	32	12/01/93
12	ti 47 (n,2p)	)ca 46	111	31	12/01/93
13	ti 47 (n,np*)	)sc 46m	328	66	12/01/93
14	ti 47 (n,nd*)	)sc 45m	332	9	12/01/93
15	ti 47 (n,t*)	)sc 46m	404	14	12/01/93
16	ti 47 (n,t*)	)sc 45m	405	38	12/01/93

#	target	product	mt	# engeries	date
1	ti 48 (n,2n)	)ti 47	16	15	12/01/93
2	ti 48 (n,na)	)ca 44	22	9	12/01/93
3	ti 48 (n,np)	)sc 47	28	42	12/01/93
4	ti 48 (n,g)	)ti 49	102	872	12/01/93
5	ti 48 (n,p)	)sc 48	103	26	12/01/93
6	ti 48 (n,d)	)sc 47	104	44	12/01/93
7	ti 48 (n,t)	)sc 46	105	206	12/01/93
8	ti 48 (n,h)	)ca 46	106	30	12/01/93
9	ti 48 (n,a)	)ca 45	107	32	12/01/93
10	ti 48 (n,2p)	)ca 47	111	30	12/01/93
11	ti 48 (n,t*)	)sc 46m	405	206	12/01/93

#	target	product	mt	# engeries	date
1	ti 49 (n,2n)	)ti 48	16	16	12/01/93
2	ti 49 (n,na)	)ca 45	22	9	12/01/93
3	ti 49 (n,np)	)sc 48	28	14	12/01/93
4	ti 49 (n,nd)	)sc 47	32	10	12/01/93
5	ti 49 (n,g)	)ti 50	102	1719	12/01/93
6	ti 49 (n,p)	)sc 49	103	21	12/01/93
7	ti 49 (n,d)	)sc 48	104	44	12/01/93
8	ti 49 (n,t)	)sc 47	105	36	12/01/93
9	ti 49 (n,h)	)ca 47	106	28	12/01/93
10	ti 49 (n,a)	)ca 46	107	31	12/01/93
11	ti 49 (n,2p)	)ca 48	111	23	12/01/93

1	ti 50 (n,2n)	)ti 49	16	17	12/01/93
2	ti 50 (n,3n)	)ti 48	17	4	12/01/93
3	ti 50 (n,na)	)ca 46	22	9	12/01/93
4	ti 50 (n,np)	)sc 49	28	13	12/01/93
5	ti 50 (n,g)	)ti 51	102	79	12/01/93
6	ti 50 (n,p)	)sc 50	103	17	12/01/93
7	ti 50 (n,d)	)sc 49	104	40	12/01/93
8	ti 50 (n,t)	)sc 48	105	24	12/01/93
9	ti 50 (n,h)	)ca 48	106	25	12/01/93
10	ti 50 (n,a)	)ca 47	107	25	12/01/93
11	ti 50 (n,2p)	)ca 49	111	14	12/01/93
12	ti 50 (n,p*)	)sc 50m	403	17	12/01/93

1	v 48 (n,2n)	)v 47	16	24	12/01/93
2	v 48 (n,na)	)sc 44	22	32	12/01/93
3	v 48 (n,np)	)ti 47	28	38	12/01/93
4	v 48 (n,nd)	)ti 46	32	19	12/01/93
5	v 48 (n,nh)	)sc 45	34	6	12/01/93
6	v 48 (n,g)	)v 49	102	379	12/01/93
7	v 48 (n,p)	)ti 48	103	52	12/01/93
8	v 48 (n,d)	)ti 47	104	42	12/01/93
9	v 48 (n,t)	)ti 46	105	36	12/01/93
10	v 48 (n,h)	)sc 46	106	40	12/01/93
11	v 48 (n,a)	)sc 45	107	76	12/01/93
12	v 48 (n,2p)	)sc 47	111	39	12/01/93
13	v 48 (n,na*)	)sc 44m	322	31	12/01/93
14	v 48 (n,nh*)	)sc 45m	334	6	12/01/93
15	v 48 (n,h*)	)sc 46m	406	40	12/01/93
16	v 48 (n,a*)	)sc 45m	407	76	12/01/93

#	target	product	mt	# engeries	date
1	v 49 (n,2n)	)v 48	16	14	12/01/93
2	v 49 (n,na)	)sc 45	22	9	12/01/93
3	v 49 (n,np)	)ti 48	28	15	12/01/93
4	v 49 (n,nd)	)ti 47	32	11	12/01/93
5	v 49 (n,nt)	)ti 46	33	5	12/01/93
6	v 49 (n,g)	)v 50	102	372	12/01/93
7	v 49 (n,p)	)ti 49	103	21	12/01/93
8	v 49 (n,d)	)ti 48	104	43	12/01/93
9	v 49 (n,t)	)ti 47	105	30	12/01/93
10	v 49 (n,h)	)sc 47	106	35	12/01/93
11	v 49 (n,a)	)sc 46	107	32	12/01/93
12	v 49 (n,2p)	)sc 48	111	23	12/01/93
13	v 49 (n,na*)	)sc 45m	322	9	12/01/93
14	v 49 (n,a*)	)sc 46m	407	32	12/01/93

#	target	product	mt	# engeries	date
1	v 50 (n,2n)	)v 49	16	14	12/01/93
2	v 50 (n,na)	)sc 46	22	8	12/01/93
3	v 50 (n,np)	)ti 49	28	16	12/01/93
4	v 50 (n,nd)	)ti 48	32	18	12/01/93
5	v 50 (n,nt)	)ti 47	33	2	12/01/93
6	v 50 (n,g)	)v 51	102	2055	12/01/93
7	v 50 (n,p)	)ti 50	103	20	12/01/93
8	v 50 (n,d)	)ti 49	104	39	12/01/93
9	v 50 (n,t)	)ti 48	105	34	12/01/93
10	v 50 (n,h)	)sc 48	106	33	12/01/93
11	v 50 (n,a)	)sc 47	107	17	12/01/93
12	v 50 (n,2p)	)sc 49	111	25	12/01/93
13	v 50 (n,na*)	)sc 46m	322	8	12/01/93

1	v 51 (n,2n)	)v 50	16	13	12/01/93
2	v 51 (n,na)	)sc 47	22	7	12/01/93
3	v 51 (n,np)	)ti 50	28	21	12/01/93
4	v 51 (n,nd)	)ti 49	32	9	12/01/93
5	v 51 (n,nt)	)ti 48	33	5	12/01/93
6	v 51 (n,g)	)v 52	102	2792	12/01/93
7	v 51 (n,p)	)ti 51	103	45	12/01/93
8	v 51 (n,d)	)ti 50	104	29	12/01/93
9	v 51 (n,t)	)ti 49	105	12	12/01/93
10	v 51 (n,h)	)sc 49	106	29	12/01/93
11	v 51 (n,a)	)sc 48	107	52	12/01/93
12	v 51 (n,2p)	)sc 50	111	14	12/01/93
13	v 51 (n,2p*)	)sc 50m	411	13	12/01/93

#	target	product	mt	# engeries	date
1	cr 50 (n,2n)	)cr 49	16	34	12/01/93
2	cr 50 (n,na)	)ti 46	22	10	12/01/93
3	cr 50 (n,np)	)v 49	28	11	12/01/93
4	cr 50 (n,nd)	)v 48	32	3	12/01/93
5	cr 50 (n,g)	)cr 51	102	75055	12/01/93
6	cr 50 (n,p)	)v 50	103	21	12/01/93
7	cr 50 (n,d)	)v 49	104	26	12/01/93
8	cr 50 (n,t)	)v 48	105	16	12/01/93
9	cr 50 (n,h)	)ti 48	106	45	12/01/93
10	cr 50 (n,a)	)ti 47	107	26	12/01/93
11	cr 50 (n,2p)	)ti 49	111	36	12/01/93

1	cr 51 (n,2n)	)cr 50	16	26	12/01/93
2	cr 51 (n,na)	)ti 47	22	35	12/01/93
3	cr 51 (n,np)	)v 50	28	31	12/01/93
4	cr 51 (n,nd)	)v 49	32	10	12/01/93
5	cr 51 (n,nh)	)ti 48	34	7	12/01/93
6	cr 51 (n,g)	)cr 52	102	370	12/01/93
7	cr 51 (n,p)	)v 51	103	61	12/01/93
8	cr 51 (n,d)	)v 50	104	38	12/01/93
9	cr 51 (n,t)	)v 49	105	28	12/01/93
10	cr 51 (n,h)	)ti 49	106	40	12/01/93
11	cr 51 (n,a)	)ti 48	107	76	12/01/93
12	cr 51 (n,2p)	)ti 50	111	38	12/01/93

1	cr 52 (n,2n)	)cr 51	16	19	12/01/93
2	cr 52 (n,na)	)ti 48	22	18	12/01/93
3	cr 52 (n,np)	)v 51	28	20	12/01/93
4	cr 52 (n,nd)	)v 50	32	2	12/01/93
5	cr 52 (n,g)	)cr 53	102	1282	12/01/93
6	cr 52 (n,p)	)v 52	103	122	12/01/93
7	cr 52 (n,d)	)v 51	104	36	12/01/93
8	cr 52 (n,t)	)v 50	105	14	12/01/93
9	cr 52 (n,h)	)ti 50	106	37	12/01/93
10	cr 52 (n,a)	)ti 49	107	21	12/01/93
11	cr 52 (n,2p)	)ti 51	111	16	12/01/93

1	cr 53 (n,2n)	)cr 52	16	15	12/01/93
2	cr 53 (n,na)	)ti 49	22	8	12/01/93
3	cr 53 (n,np)	)v 52	28	8	12/01/93
4	cr 53 (n,nd)	)v 51	32	12	12/01/93
5	cr 53 (n,nh)	)ti 50	34	7	12/01/93
6	cr 53 (n,g)	)cr 54	102	1282	12/01/93
7	cr 53 (n,p)	)v 53	103	19	12/01/93

# target	product	mt	# engeries	date
8 cr 53 (n,d)v	52	104	23	12/01/93
9 cr 53 (n,t)v	51	105	33	12/01/93
10 cr 53 (n,h)ti	51	106	16	12/01/93
11 cr 53 (n,a)ti	50	107	21	12/01/93
12 cr 53 (n,2p)ti	52	111	14	12/01/93

# target	product	mt	# engeries	date
1 cr 54 (n,2n)cr	53	16	16	12/01/93
2 cr 54 (n,3n)cr	52	17	4	12/01/93
3 cr 54 (n,na)ti	50	22	39	12/01/93
4 cr 54 (n,np)v	53	28	8	12/01/93
5 cr 54 (n,nd)v	52	32	4	12/01/93
6 cr 54 (n,g)cr	55	102	1282	12/01/93
7 cr 54 (n,p)v	54	103	18	12/01/93
8 cr 54 (n,d)v	53	104	21	12/01/93
9 cr 54 (n,t)v	52	105	16	12/01/93
10 cr 54 (n,h)ti	52	106	12	12/01/93
11 cr 54 (n,a)ti	51	107	20	12/01/93
12 cr 54 (n,2p)ti	53	111	8	12/01/93

1 mn 52 (n,n)mn	52	4	1	12/01/93
2 mn 52 (n,2n)mn	51	16	23	12/01/93
3 mn 52 (n,na)v	48	22	35	12/01/93
4 mn 52 (n,np)cr	51	28	39	12/01/93
5 mn 52 (n,nd)cr	50	32	21	12/01/93
6 mn 52 (n,nh)v	49	34	7	12/01/93
7 mn 52 (n,g)mn	53	102	389	12/01/93
8 mn 52 (n,p)cr	52	103	52	12/01/93
9 mn 52 (n,d)cr	51	104	46	12/01/93
10 mn 52 (n,t)cr	50	105	38	12/01/93
11 mn 52 (n,h)v	50	106	43	12/01/93
12 mn 52 (n,a)v	49	107	74	12/01/93
13 mn 52 (n,2p)v	51	111	42	12/01/93
14 mn 52 (n,n*)mn	52m	304	80	12/01/93

1 mn 53 (n,2n)mn	52	16	15	12/01/93
2 mn 53 (n,na)v	49	22	9	12/01/93
3 mn 53 (n,np)cr	52	28	14	12/01/93
4 mn 53 (n,nd)cr	51	32	10	12/01/93
5 mn 53 (n,nt)cr	50	33	2	12/01/93
6 mn 53 (n,g)mn	54	102	380	12/01/93
7 mn 53 (n,p)cr	53	103	22	12/01/93
8 mn 53 (n,d)cr	52	104	44	12/01/93
9 mn 53 (n,t)cr	51	105	30	12/01/93
10 mn 53 (n,h)v	51	106	40	12/01/93
11 mn 53 (n,a)v	50	107	17	12/01/93
12 mn 53 (n,2p)v	52	111	27	12/01/93
13 mn 53 (n,2n*)mn	52m	316	15	12/01/93

# target	product	mt	# engeries	date
1 mn 54 (n,2n)mn	53	16	15	12/01/93
2 mn 54 (n,na)v	50	22	9	12/01/93
3 mn 54 (n,np)cr	53	28	16	12/01/93
4 mn 54 (n,nd)cr	52	32	20	12/01/93
5 mn 54 (n,nt)cr	51	33	5	12/01/93
6 mn 54 (n,nh)v	51	34	6	12/01/93
7 mn 54 (n,g)mn	55	102	287	12/01/93
8 mn 54 (n,p)cr	54	103	21	12/01/93
9 mn 54 (n,d)cr	53	104	42	12/01/93
10 mn 54 (n,t)cr	52	105	37	12/01/93
11 mn 54 (n,h)v	52	106	35	12/01/93
12 mn 54 (n,a)v	51	107	17	12/01/93
13 mn 54 (n,2p)v	53	111	23	12/01/93

1 mn 55 (n,2n)mn	54	16	12	12/01/93
2 mn 55 (n,3n)mn	53	17	3	12/01/93
3 mn 55 (n,na)v	51	22	13	12/01/93
4 mn 55 (n,np)cr	54	28	14	12/01/93
5 mn 55 (n,nd)cr	53	32	13	12/01/93
6 mn 55 (n,nt)cr	52	33	10	12/01/93
7 mn 55 (n,g)mn	56	102	32351	12/01/93
8 mn 55 (n,p)cr	55	103	109	12/01/93

# target	product	mt	# engeries	date
9 mn 55 (n,d)	)cr 54	104	14	12/01/93
10 mn 55 (n,t)	)cr 53	105	33	12/01/93
11 mn 55 (n,h)	)v 53	106	4	12/01/93
12 mn 55 (n,a)	)v 52	107	161	12/01/93
13 mn 55 (n,2p)	)v 54	111	12	12/01/93
1 fe 54 (n,2n)	)fe 53	16	81	12/01/93
2 fe 54 (n,na)	)cr 50	22	114	12/01/93
3 fe 54 (n,np)	)mn 53	28	63	12/01/93
4 fe 54 (n,nd)	)mn 52	32	11	12/01/93
5 fe 54 (n,g)	)fe 55	102	7784	12/01/93
6 fe 54 (n,p)	)mn 54	103	152	12/01/93
7 fe 54 (n,d)	)mn 53	104	26	12/01/93
8 fe 54 (n,t)	)mn 52	105	199	12/01/93
9 fe 54 (n,h)	)cr 52	106	49	12/01/93
10 fe 54 (n,a)	)cr 51	107	115	12/01/93
11 fe 54 (n,2p)	)cr 53	111	40	12/01/93
12 fe 54 (n,2n*)	)fe 53m	316	9	12/01/93
13 fe 54 (n,nd*)	)mn 52m	332	11	12/01/93
14 fe 54 (n,t*)	)mn 52m	405	199	12/01/93

# target	product	mt	# engeries	date
1 fe 55 (n,2n)	)fe 54	16	14	12/01/93
2 fe 55 (n,na)	)cr 51	22	9	12/01/93
3 fe 55 (n,nd)	)mn 53	32	11	12/01/93
4 fe 55 (n,nh)	)cr 52	34	9	12/01/93
5 fe 55 (n,g)	)fe 56	102	368	12/01/93
6 fe 55 (n,p)	)mn 55	103	19	12/01/93
7 fe 55 (n,d)	)mn 54	104	37	12/01/93
8 fe 55 (n,t)	)mn 53	105	33	12/01/93
9 fe 55 (n,h)	)cr 53	106	42	12/01/93
10 fe 55 (n,a)	)cr 52	107	18	12/01/93
11 fe 55 (n,2p)	)cr 54	111	38	12/01/93

1 fe 56 (n,2n)	)fe 55	16	25	12/01/93
2 fe 56 (n,na)	)cr 52	22	21	12/01/93
3 fe 56 (n,np)	)mn 55	28	21	12/01/93
4 fe 56 (n,nd)	)mn 54	32	13	12/01/93
5 fe 56 (n,g)	)fe 57	102	62638	12/01/93
6 fe 56 (n,p)	)mn 56	103	119	12/01/93
7 fe 56 (n,d)	)mn 55	104	39	12/01/93
8 fe 56 (n,t)	)mn 54	105	254	12/01/93
9 fe 56 (n,h)	)cr 54	106	39	12/01/93
10 fe 56 (n,a)	)cr 53	107	130	12/01/93
11 fe 56 (n,2p)	)cr 55	111	9	12/01/93

1 fe 57 (n,2n)	)fe 56	16	28	12/01/93
2 fe 57 (n,3n)	)fe 55	17	4	12/01/93
3 fe 57 (n,na)	)cr 53	22	41	12/01/93
4 fe 57 (n,np)	)mn 56	28	10	12/01/93
5 fe 57 (n,nd)	)mn 55	32	15	12/01/93
6 fe 57 (n,nt)	)mn 54	33	2	12/01/93
7 fe 57 (n,nh)	)cr 54	34	6	12/01/93
8 fe 57 (n,g)	)fe 58	102	18450	12/01/93
9 fe 57 (n,p)	)mn 57	103	20	12/01/93
10 fe 57 (n,d)	)mn 56	104	25	12/01/93
11 fe 57 (n,t)	)mn 55	105	35	12/01/93
12 fe 57 (n,h)	)cr 55	106	17	12/01/93
13 fe 57 (n,a)	)cr 54	107	205	12/01/93
14 fe 57 (n,2p)	)cr 56	111	17	12/01/93

# target	product	mt	# engeries	date
1 fe 58 (n,2n)	)fe 57	16	28	12/01/93
2 fe 58 (n,3n)	)fe 56	17	13	12/01/93
3 fe 58 (n,na)	)cr 54	22	43	12/01/93
4 fe 58 (n,np)	)mn 57	28	7	12/01/93
5 fe 58 (n,nd)	)mn 56	32	4	12/01/93
6 fe 58 (n,nt)	)mn 55	33	4	12/01/93
7 fe 58 (n,g)	)fe 59	102	3487	12/01/93
8 fe 58 (n,p)	)mn 58	103	20	12/01/93
9 fe 58 (n,d)	)mn 57	104	21	12/01/93
10 fe 58 (n,t)	)mn 56	105	16	12/01/93

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# target	product	mt	# engeries	date
11 fe 58 (n,h)	)cr 56	106	14	12/01/93
12 fe 58 (n,a)	)cr 55	107	18	12/01/93
13 fe 58 (n,2p)	)cr 57	111	9	12/01/93
14 fe 58 (n,p*)	)mn 58m	403	20	12/01/93
1 fe 59 (n,2n)	)fe 58	16	28	12/01/93
2 fe 59 (n,3n)	)fe 57	17	19	12/01/93
3 fe 59 (n,na)	)cr 55	22	38	12/01/93
4 fe 59 (n,np)	)mn 58	28	26	12/01/93
5 fe 59 (n,nd)	)mn 57	32	11	12/01/93
6 fe 59 (n,nt)	)mn 56	33	5	12/01/93
7 fe 59 (n,g)	)fe 60	102	359	12/01/93
8 fe 59 (n,p)	)mn 59	103	47	12/01/93
9 fe 59 (n,d)	)mn 58	104	31	12/01/93
10 fe 59 (n,t)	)mn 57	105	31	12/01/93
11 fe 59 (n,h)	)cr 57	106	23	12/01/93
12 fe 59 (n,a)	)cr 56	107	81	12/01/93
13 fe 59 (n,2p)	)cr 58	111	13	12/01/93
14 fe 59 (n,np*)	)mn 58m	328	26	12/01/93
15 fe 59 (n,d*)	)mn 58m	404	31	12/01/93
1 fe 60 (n,2n)	)fe 59	16	34	12/01/93
2 fe 60 (n,3n)	)fe 58	17	19	12/01/93
3 fe 60 (n,na)	)cr 56	22	37	12/01/93
4 fe 60 (n,np)	)mn 59	28	23	12/01/93
5 fe 60 (n,nd)	)mn 58	32	6	12/01/93
6 fe 60 (n,nt)	)mn 57	33	5	12/01/93
7 fe 60 (n,g)	)fe 61	102	343	12/01/93
8 fe 60 (n,p)	)mn 60	103	37	12/01/93
9 fe 60 (n,d)	)mn 59	104	27	12/01/93
10 fe 60 (n,t)	)mn 58	105	24	12/01/93
11 fe 60 (n,h)	)cr 58	106	15	12/01/93
12 fe 60 (n,a)	)cr 57	107	59	12/01/93
13 fe 60 (n,nd*)	)mn 58m	332	6	12/01/93
14 fe 60 (n,t*)	)mn 58m	405	24	12/01/93

# target	product	mt	# engeries	date
1 co 55 (n,2n)	)co 54	16	20	12/01/93
2 co 55 (n,na)	)mn 51	22	46	12/01/93
3 co 55 (n,np)	)fe 54	28	45	12/01/93
4 co 55 (n,nd)	)fe 53	32	10	12/01/93
5 co 55 (n,nh)	)mn 52	34	6	12/01/93
6 co 55 (n,g)	)co 56	102	395	12/01/93
7 co 55 (n,p)	)fe 55	103	52	12/01/93
8 co 55 (n,d)	)fe 54	104	48	12/01/93
9 co 55 (n,t)	)fe 53	105	32	12/01/93
10 co 55 (n,h)	)mn 53	106	50	12/01/93
11 co 55 (n,a)	)mn 52	107	75	12/01/93
12 co 55 (n,2p)	)mn 54	111	43	12/01/93
13 co 55 (n,2n*)	)co 54m	316	17	12/01/93
14 co 55 (n,nd*)	)fe 53m	332	8	12/01/93
15 co 55 (n,nh*)	)mn 52m	334	6	12/01/93
16 co 55 (n,t*)	)fe 53m	405	19	12/01/93
17 co 55 (n,a*)	)mn 52m	407	75	12/01/93
1 co 56 (n,2n)	)co 55	16	40	12/01/93
2 co 56 (n,na)	)mn 52	22	37	12/01/93
3 co 56 (n,np)	)fe 55	28	20	12/01/93
4 co 56 (n,nd)	)fe 54	32	6	12/01/93
5 co 56 (n,nh)	)mn 53	34	10	12/01/93
6 co 56 (n,g)	)co 57	102	394	12/01/93
7 co 56 (n,p)	)fe 56	103	35	12/01/93
8 co 56 (n,d)	)fe 55	104	25	12/01/93
9 co 56 (n,t)	)fe 54	105	24	12/01/93
10 co 56 (n,h)	)mn 54	106	13	12/01/93
11 co 56 (n,a)	)mn 53	107	62	12/01/93
12 co 56 (n,2p)	)mn 55	111	46	12/01/93
13 co 56 (n,na*)	)mn 52m	322	37	12/01/93
1 co 57 (n,2n)	)co 56	16	8	12/01/93
2 co 57 (n,na)	)mn 53	22	42	12/01/93
3 co 57 (n,np)	)fe 56	28	13	12/01/93
4 co 57 (n,nd)	)fe 55	32	13	12/01/93

#	target	product	mt	# engeries	date
5	co 57 (n,nt)	)fe 54	33	7	12/01/93
6	co 57 (n,nh)	)mn 54	34	5	12/01/93
7	co 57 (n,g)	)co 58	102	383	12/01/93
8	co 57 (n,p)	)fe 57	103	57	12/01/93
9	co 57 (n,d)	)fe 56	104	50	12/01/93
10	co 57 (n,t)	)fe 55	105	36	12/01/93
11	co 57 (n,h)	)mn 55	106	44	12/01/93
12	co 57 (n,a)	)mn 54	107	18	12/01/93
13	co 57 (n,2p)	)mn 56	111	33	12/01/93
14	co 57 (n,g*)	)co 58m	402	383	12/01/93

#	target	product	mt	# engeries	date
1	co 58 (n,n)	)co 58	4	1	12/01/93
2	co 58 (n,2n)	)co 57	16	24	12/01/93
3	co 58 (n,na)	)mn 54	22	42	12/01/93
4	co 58 (n,np)	)fe 57	28	39	12/01/93
5	co 58 (n,nd)	)fe 56	32	23	12/01/93
6	co 58 (n,nt)	)fe 55	33	8	12/01/93
7	co 58 (n,nh)	)mn 55	34	9	12/01/93
8	co 58 (n,g)	)co 59	102	213	12/01/93
9	co 58 (n,p)	)fe 58	103	61	12/01/93
10	co 58 (n,d)	)fe 57	104	45	12/01/93
11	co 58 (n,t)	)fe 56	105	40	12/01/93
12	co 58 (n,h)	)mn 56	106	41	12/01/93
13	co 58 (n,a)	)mn 55	107	77	12/01/93
14	co 58 (n,2p)	)mn 57	111	32	12/01/93
15	co 58 (n,n*)	)co 58m	304	75	12/01/93

1	co 59 (n,2n)	)co 58	16	17	12/01/93
2	co 59 (n,3n)	)co 57	17	7	12/01/93
3	co 59 (n,na)	)mn 55	22	9	12/01/93
4	co 59 (n,np)	)fe 58	28	14	12/01/93
5	co 59 (n,nd)	)fe 57	32	17	12/01/93
6	co 59 (n,nt)	)fe 56	33	11	12/01/93
7	co 59 (n,g)	)co 60	102	1282	12/01/93
8	co 59 (n,p)	)fe 59	103	25	12/01/93
9	co 59 (n,d)	)fe 58	104	15	12/01/93
10	co 59 (n,t)	)fe 57	105	4	12/01/93
11	co 59 (n,h)	)mn 57	106	3	12/01/93
12	co 59 (n,a)	)mn 56	107	26	12/01/93
13	co 59 (n,2p)	)mn 58	111	16	12/01/93
14	co 59 (n,2n*)	)co 58m	316	17	12/01/93
15	co 59 (n,g*)	)co 60m	402	1282	12/01/93
16	co 59 (n,2p*)	)mn 58m	411	16	12/01/93

#	target	product	mt	# engeries	date
1	co 60 (n,n)	)co 60	4	1	12/01/93
2	co 60 (n,2n)	)co 59	16	12	12/01/93
3	co 60 (n,3n)	)co 58	17	2	12/01/93
4	co 60 (n,na)	)mn 56	22	6	12/01/93
5	co 60 (n,np)	)fe 59	28	9	12/01/93
6	co 60 (n,nd)	)fe 58	32	23	12/01/93
7	co 60 (n,nt)	)fe 57	33	10	12/01/93
8	co 60 (n,nh)	)mn 57	34	5	12/01/93
9	co 60 (n,g)	)co 61	102	373	12/01/93
10	co 60 (n,p)	)fe 60	103	31	12/01/93
11	co 60 (n,d)	)fe 59	104	41	12/01/93
12	co 60 (n,t)	)fe 58	105	39	12/01/93
13	co 60 (n,h)	)mn 58	106	30	12/01/93
14	co 60 (n,a)	)mn 57	107	17	12/01/93
15	co 60 (n,2p)	)mn 59	111	18	12/01/93
16	co 60 (n,n*)	)co 60m	304	54	12/01/93
17	co 60 (n,3n*)	)co 58m	317	2	12/01/93
18	co 60 (n,h*)	)mn 58m	406	30	12/01/93

1	ni 56 (n,2n)	)ni 55	16	16	12/01/93
2	ni 56 (n,na)	)fe 52	22	47	12/01/93
3	ni 56 (n,np)	)co 55	28	42	12/01/93
4	ni 56 (n,nd)	)co 54	32	4	12/01/93
5	ni 56 (n,nh)	)fe 53	34	7	12/01/93
6	ni 56 (n,g)	)ni 57	102	355	12/01/93
7	ni 56 (n,p)	)co 56	103	48	12/01/93
8	ni 56 (n,d)	)co 55	104	42	12/01/93

#	target	product	mt	# engeries	date
9	ni 56 (n,t)	)co 54	105	25	12/01/93
10	ni 56 (n,h)	)fe 54	106	57	12/01/93
11	ni 56 (n,a)	)fe 53	107	75	12/01/93
12	ni 56 (n,2p)	)fe 55	111	56	12/01/93
13	ni 56 (n,na*)	)fe 52m	322	18	12/01/93
14	ni 56 (n,nd*)	)co 54m	332	8	12/01/93
15	ni 56 (n,t*)	)co 54m	405	23	12/01/93
16	ni 56 (n,a*)	)fe 53m	407	75	12/01/93

1	ni 57 (n,2n)	)ni 56	16	27	12/01/93
2	ni 57 (n,na)	)fe 53	22	47	12/01/93
3	ni 57 (n,np)	)co 56	28	39	12/01/93
4	ni 57 (n,nd)	)co 55	32	13	12/01/93
5	ni 57 (n,nh)	)fe 54	34	13	12/01/93
6	ni 57 (n,g)	)ni 58	102	374	12/01/93
7	ni 57 (n,p)	)co 57	103	50	12/01/93
8	ni 57 (n,d)	)co 56	104	42	12/01/93
9	ni 57 (n,t)	)co 55	105	35	12/01/93
10	ni 57 (n,h)	)fe 55	106	52	12/01/93
11	ni 57 (n,a)	)fe 54	107	63	12/01/93
12	ni 57 (n,2p)	)fe 56	111	57	12/01/93
13	ni 57 (n,na*)	)fe 53m	322	35	12/01/93

#	target	product	mt	# engeries	date
1	ni 58 (n,2n)	)ni 57	16	15	12/01/93
2	ni 58 (n,na)	)fe 54	22	24	12/01/93
3	ni 58 (n,np)	)co 57	28	27	12/01/93
4	ni 58 (n,nd)	)co 56	32	10	12/01/93
5	ni 58 (n,nh)	)fe 55	34	10	12/01/93
6	ni 58 (n,g)	)ni 59	102	103765	12/01/93
7	ni 58 (n,p)	)co 58	103	195	12/01/93
8	ni 58 (n,d)	)co 57	104	45	12/01/93
9	ni 58 (n,t)	)co 56	105	12	12/01/93
10	ni 58 (n,h)	)fe 56	106	53	12/01/93
11	ni 58 (n,a)	)fe 55	107	177	12/01/93
12	ni 58 (n,2a)	)cr 51	108	8	12/01/93
13	ni 58 (n,2p)	)fe 57	111	22	12/01/93
14	ni 58 (n,p*)	)co 58m	403	195	12/01/93

1	ni 59 (n,2n)	)ni 58	16	23	12/01/93
2	ni 59 (n,na)	)fe 55	22	44	12/01/93
3	ni 59 (n,np)	)co 58	28	36	12/01/93
4	ni 59 (n,nd)	)co 57	32	13	12/01/93
5	ni 59 (n,nh)	)fe 56	34	12	12/01/93
6	ni 59 (n,g)	)ni 60	102	372	12/01/93
7	ni 59 (n,p)	)co 59	103	373	12/01/93
8	ni 59 (n,d)	)co 58	104	40	12/01/93
9	ni 59 (n,t)	)co 57	105	35	12/01/93
10	ni 59 (n,h)	)fe 57	106	48	12/01/93
11	ni 59 (n,a)	)fe 56	107	351	12/01/93
12	ni 59 (n,2p)	)fe 58	111	44	12/01/93
13	ni 59 (n,np*)	)co 58m	328	36	12/01/93
14	ni 59 (n,d*)	)co 58m	404	39	12/01/93

1	ni 60 (n,2n)	)ni 59	16	20	12/01/93
2	ni 60 (n,na)	)fe 56	22	23	12/01/93
3	ni 60 (n,np)	)co 59	28	22	12/01/93
4	ni 60 (n,nd)	)co 58	32	8	12/01/93
5	ni 60 (n,nh)	)fe 57	34	5	12/01/93
6	ni 60 (n,g)	)ni 61	102	1282	12/01/93
7	ni 60 (n,p)	)co 60	103	131	12/01/93
8	ni 60 (n,d)	)co 59	104	40	12/01/93
9	ni 60 (n,t)	)co 58	105	29	12/01/93
10	ni 60 (n,h)	)fe 58	106	45	12/01/93
11	ni 60 (n,a)	)fe 57	107	191	12/01/93
12	ni 60 (n,2p)	)fe 59	111	13	12/01/93
13	ni 60 (n,nd*)	)co 58m	332	8	12/01/93
14	ni 60 (n,p*)	)co 60m	403	131	12/01/93
15	ni 60 (n,t*)	)co 58m	405	29	12/01/93

#	target	product	mt	# engeries	date
1	ni 61 (n,2n)	ni 60	16	29	12/01/93
2	ni 61 (n,3n)	ni 59	17	2	12/01/93
3	ni 61 (n,na)	fe 57	22	46	12/01/93
4	ni 61 (n,np)	co 60	28	12	12/01/93
5	ni 61 (n,nd)	co 59	32	15	12/01/93
6	ni 61 (n,nt)	co 58	33	5	12/01/93
7	ni 61 (n,nh)	fe 58	34	10	12/01/93
8	ni 61 (n,g)	ni 62	102	6127	12/01/93
9	ni 61 (n,p)	co 61	103	34	12/01/93
10	ni 61 (n,d)	co 60	104	50	12/01/93
11	ni 61 (n,t)	co 59	105	36	12/01/93
12	ni 61 (n,h)	fe 59	106	38	12/01/93
13	ni 61 (n,a)	fe 58	107	205	12/01/93
14	ni 61 (n,2p)	fe 60	111	44	12/01/93
15	ni 61 (n,np*)	co 60m	328	7	12/01/93
16	ni 61 (n,nt*)	co 58m	333	5	12/01/93
17	ni 61 (n,d*)	co 60m	404	50	12/01/93

1	ni 62 (n,2n)	ni 61	16	28	12/01/93
2	ni 62 (n,3n)	ni 60	17	10	12/01/93
3	ni 62 (n,na)	fe 58	22	47	12/01/93
4	ni 62 (n,np)	co 61	28	10	12/01/93
5	ni 62 (n,nd)	co 60	32	6	12/01/93
6	ni 62 (n,nt)	co 59	33	4	12/01/93
7	ni 62 (n,g)	ni 63	102	3274	12/01/93
8	ni 62 (n,p)	co 62	103	24	12/01/93
9	ni 62 (n,d)	co 61	104	36	12/01/93
10	ni 62 (n,t)	co 60	105	32	12/01/93
11	ni 62 (n,h)	fe 60	106	32	12/01/93
12	ni 62 (n,a)	fe 59	107	29	12/01/93
13	ni 62 (n,2p)	fe 61	111	24	12/01/93
14	ni 62 (n,nd*)	co 60m	332	6	12/01/93
15	ni 62 (n,p*)	co 62m	403	8	12/01/93
16	ni 62 (n,t*)	co 60m	405	32	12/01/93

#	target	product	mt	# engeries	date
1	ni 63 (n,2n)	ni 62	16	12	12/01/93
2	ni 63 (n,3n)	ni 61	17	3	12/01/93
3	ni 63 (n,na)	fe 59	22	7	12/01/93
4	ni 63 (n,np)	co 62	28	5	12/01/93
5	ni 63 (n,nd)	co 61	32	13	12/01/93
6	ni 63 (n,nt)	co 60	33	5	12/01/93
7	ni 63 (n,nh)	fe 60	34	5	12/01/93
8	ni 63 (n,g)	ni 64	102	359	12/01/93
9	ni 63 (n,p)	co 63	103	11	12/01/93
10	ni 63 (n,d)	co 62	104	32	12/01/93
11	ni 63 (n,t)	co 61	105	32	12/01/93
12	ni 63 (n,h)	fe 61	106	27	12/01/93
13	ni 63 (n,a)	fe 60	107	27	12/01/93
14	ni 63 (n,2p)	fe 62	111	17	12/01/93
15	ni 63 (n,np*)	co 62m	328	5	12/01/93
16	ni 63 (n,nt*)	co 60m	333	5	12/01/93
17	ni 63 (n,d*)	co 62m	404	32	12/01/93

1	ni 64 (n,2n)	ni 63	16	9	12/01/93
2	ni 64 (n,3n)	ni 62	17	19	12/01/93
3	ni 64 (n,na)	fe 60	22	6	12/01/93
4	ni 64 (n,np)	co 63	28	4	12/01/93
5	ni 64 (n,nd)	co 62	32	4	12/01/93
6	ni 64 (n,nt)	co 61	33	4	12/01/93
7	ni 64 (n,g)	ni 65	102	4338	12/01/93
8	ni 64 (n,p)	co 64	103	11	12/01/93
9	ni 64 (n,d)	co 63	104	40	12/01/93
10	ni 64 (n,t)	co 62	105	30	12/01/93
11	ni 64 (n,h)	fe 62	106	20	12/01/93
12	ni 64 (n,a)	fe 61	107	11	12/01/93
13	ni 64 (n,2p)	fe 63	111	13	12/01/93
14	ni 64 (n,nd*)	co 62m	332	4	12/01/93
15	ni 64 (n,t*)	co 62m	405	30	12/01/93

# target	product	mt	# engeries	date
1 ni 66 (n,2n)	)ni 65	16	29	12/01/93
2 ni 66 (n,3n)	)ni 64	17	22	12/01/93
3 ni 66 (n,na)	)fe 62	22	35	12/01/93
4 ni 66 (n,np)	)co 65	28	23	12/01/93
5 ni 66 (n,nd)	)co 64	32	2	12/01/93
6 ni 66 (n,nt)	)co 63	33	5	12/01/93
7 ni 66 (n,g)	)ni 67	102	350	12/01/93
8 ni 66 (n,p)	)co 66	103	41	12/01/93
9 ni 66 (n,d)	)co 65	104	32	12/01/93
10 ni 66 (n,t)	)co 64	105	22	12/01/93
11 ni 66 (n,h)	)fe 64	106	23	12/01/93
12 ni 66 (n,a)	)fe 63	107	69	12/01/93
13 ni 66 (n,2p)	)fe 65	111	6	12/01/93

# target	product	mt	# engeries	date
1 cu 63 (n,2n)	)cu 62	16	19	12/01/93
2 cu 63 (n,na)	)co 59	22	16	12/01/93
3 cu 63 (n,np)	)ni 62	28	24	12/01/93
4 cu 63 (n,nd)	)ni 61	32	19	12/01/93
5 cu 63 (n,nt)	)ni 60	33	11	12/01/93
6 cu 63 (n,nh)	)co 60	34	5	12/01/93
7 cu 63 (n,g)	)cu 64	102	1892	12/01/93
8 cu 63 (n,p)	)ni 63	103	24	12/01/93
9 cu 63 (n,d)	)ni 62	104	52	12/01/93
10 cu 63 (n,t)	)ni 61	105	38	12/01/93
11 cu 63 (n,h)	)co 61	106	42	12/01/93
12 cu 63 (n,a)	)co 60	107	216	12/01/93
13 cu 63 (n,2p)	)co 62	111	26	12/01/93
14 cu 63 (n,nh*)	)co 60m	334	5	12/01/93
15 cu 63 (n,a*)	)co 60m	407	216	12/01/93
16 cu 63 (n,2p*)	)co 62m	411	26	12/01/93

1 cu 64 (n,2n)	)cu 63	16	24	12/01/93
2 cu 64 (n,3n)	)cu 62	17	6	12/01/93
3 cu 64 (n,na)	)co 60	22	46	12/01/93
4 cu 64 (n,np)	)ni 63	28	39	12/01/93
5 cu 64 (n,nd)	)ni 62	32	25	12/01/93
6 cu 64 (n,nt)	)ni 61	33	11	12/01/93
7 cu 64 (n,nh)	)co 61	34	8	12/01/93
8 cu 64 (n,g)	)cu 65	102	393	12/01/93
9 cu 64 (n,p)	)ni 64	103	64	12/01/93
10 cu 64 (n,d)	)ni 63	104	44	12/01/93
11 cu 64 (n,t)	)ni 62	105	42	12/01/93
12 cu 64 (n,h)	)co 62	106	38	12/01/93
13 cu 64 (n,a)	)co 61	107	78	12/01/93
14 cu 64 (n,2p)	)co 63	111	29	12/01/93
15 cu 64 (n,na*)	)co 60m	322	46	12/01/93
16 cu 64 (n,h*)	)co 62m	406	38	12/01/93

1 cu 65 (n,2n)	)cu 64	16	22	12/01/93
2 cu 65 (n,3n)	)cu 63	17	9	12/01/93
3 cu 65 (n,na)	)co 61	22	14	12/01/93
4 cu 65 (n,np)	)ni 64	28	24	12/01/93
5 cu 65 (n,nd)	)ni 63	32	18	12/01/93
6 cu 65 (n,nt)	)ni 62	33	12	12/01/93
7 cu 65 (n,g)	)cu 66	102	6835	12/01/93
8 cu 65 (n,p)	)ni 65	103	22	12/01/93
9 cu 65 (n,d)	)ni 64	104	45	12/01/93
10 cu 65 (n,t)	)ni 63	105	36	12/01/93
11 cu 65 (n,h)	)co 63	106	33	12/01/93
12 cu 65 (n,a)	)co 62	107	19	12/01/93
13 cu 65 (n,2p)	)co 64	111	15	12/01/93
14 cu 65 (n,a*)	)co 62m	407	19	12/01/93

# target	product	mt	# engeries	date
1 cu 67 (n,2n)	)cu 66	16	30	12/01/93
2 cu 67 (n,3n)	)cu 65	17	20	12/01/93
3 cu 67 (n,na)	)co 63	22	42	12/01/93
4 cu 67 (n,np)	)ni 66	28	37	12/01/93
5 cu 67 (n,nd)	)ni 65	32	15	12/01/93
6 cu 67 (n,nt)	)ni 64	33	13	12/01/93
7 cu 67 (n,g)	)cu 68	102	396	12/01/93

#	target	product	mt	# engeries	date
8	cu 67 (n,p)	)ni 67	103	50	12/01/93
9	cu 67 (n,d)	)ni 66	104	43	12/01/93
10	cu 67 (n,t)	)ni 65	105	35	12/01/93
11	cu 67 (n,h)	)co 65	106	29	12/01/93
12	cu 67 (n,a)	)co 64	107	70	12/01/93
13	cu 67 (n,2p)	)co 66	111	14	12/01/93
14	cu 67 (n,g*)	)cu 68m	402	396	12/01/93

1	zn 64 (n,2n)	)zn 63	16	27	12/01/93
2	zn 64 (n,na)	)ni 60	22	54	12/01/93
3	zn 64 (n,np)	)cu 63	28	38	12/01/93
4	zn 64 (n,nd)	)cu 62	32	10	12/01/93
5	zn 64 (n,nt)	)cu 61	33	5	12/01/93
6	zn 64 (n,nh)	)ni 61	34	10	12/01/93
7	zn 64 (n,g)	)zn 65	102	1282	12/01/93
8	zn 64 (n,p)	)cu 64	103	79	12/01/93
9	zn 64 (n,d)	)cu 63	104	43	12/01/93
10	zn 64 (n,t)	)cu 62	105	32	12/01/93
11	zn 64 (n,h)	)ni 62	106	52	12/01/93
12	zn 64 (n,a)	)ni 61	107	77	12/01/93
13	zn 64 (n,2p)	)ni 63	111	41	12/01/93

1	zn 65 (n,2n)	)zn 64	16	22	12/01/93
2	zn 65 (n,na)	)ni 61	22	51	12/01/93
3	zn 65 (n,np)	)cu 64	28	39	12/01/93
4	zn 65 (n,nd)	)cu 63	32	22	12/01/93
5	zn 65 (n,nt)	)cu 62	33	7	12/01/93
6	zn 65 (n,nh)	)ni 62	34	15	12/01/93
7	zn 65 (n,g)	)zn 66	102	389	12/01/93
8	zn 65 (n,p)	)cu 65	103	66	12/01/93
9	zn 65 (n,d)	)cu 64	104	43	12/01/93
10	zn 65 (n,t)	)cu 63	105	41	12/01/93
11	zn 65 (n,h)	)ni 63	106	50	12/01/93
12	zn 65 (n,a)	)ni 62	107	72	12/01/93
13	zn 65 (n,2p)	)ni 64	111	46	12/01/93

#	target	product	mt	# engeries	date
1	zn 66 (n,2n)	)zn 65	16	36	12/01/93
2	zn 66 (n,3n)	)zn 64	17	7	12/01/93
3	zn 66 (n,na)	)ni 62	22	52	12/01/93
4	zn 66 (n,np)	)cu 65	28	35	12/01/93
5	zn 66 (n,nd)	)cu 64	32	10	12/01/93
6	zn 66 (n,nt)	)cu 63	33	6	12/01/93
7	zn 66 (n,nh)	)ni 63	34	6	12/01/93
8	zn 66 (n,g)	)zn 67	102	25476	12/01/93
9	zn 66 (n,p)	)cu 66	103	61	12/01/93
10	zn 66 (n,d)	)cu 65	104	42	12/01/93
11	zn 66 (n,t)	)cu 64	105	29	12/01/93
12	zn 66 (n,h)	)ni 64	106	45	12/01/93
13	zn 66 (n,a)	)ni 63	107	30	12/01/93
14	zn 66 (n,2p)	)ni 65	111	32	12/01/93

1	zn 67 (n,2n)	)zn 66	16	26	12/01/93
2	zn 67 (n,3n)	)zn 65	17	13	12/01/93
3	zn 67 (n,na)	)ni 63	22	50	12/01/93
4	zn 67 (n,np)	)cu 66	28	34	12/01/93
5	zn 67 (n,nd)	)cu 65	32	22	12/01/93
6	zn 67 (n,nt)	)cu 64	33	8	12/01/93
7	zn 67 (n,nh)	)ni 64	34	12	12/01/93
8	zn 67 (n,g)	)zn 68	102	7237	12/01/93
9	zn 67 (n,p)	)cu 67	103	72	12/01/93
10	zn 67 (n,d)	)cu 66	104	42	12/01/93
11	zn 67 (n,t)	)cu 65	105	38	12/01/93
12	zn 67 (n,h)	)ni 65	106	42	12/01/93
13	zn 67 (n,a)	)ni 64	107	74	12/01/93
14	zn 67 (n,2p)	)ni 66	111	38	12/01/93

1	zn 68 (n,2n)	)zn 67	16	29	12/01/93
2	zn 68 (n,3n)	)zn 66	17	13	12/01/93
3	zn 68 (n,na)	)ni 64	22	50	12/01/93
4	zn 68 (n,np)	)cu 67	28	32	12/01/93
5	zn 68 (n,nd)	)cu 66	32	9	12/01/93
6	zn 68 (n,nt)	)cu 65	33	8	12/01/93

#	target	product	mt	# engeries	date
7	zn 68 (n,g	)zn 69	102	19401	12/01/93
8	zn 68 (n,p	)cu 68	103	50	12/01/93
9	zn 68 (n,d	)cu 67	104	39	12/01/93
10	zn 68 (n,t	)cu 66	105	31	12/01/93
11	zn 68 (n,h	)ni 66	106	36	12/01/93
12	zn 68 (n,a	)ni 65	107	79	12/01/93
13	zn 68 (n,2p	)ni 67	111	17	12/01/93
14	zn 68 (n,g*	)zn 69m	402	19408	12/01/93
15	zn 68 (n,p*	)cu 68m	403	44	12/01/93

#	target	product	mt	# engeries	date
1	zn 70 (n,2n	)zn 69	16	30	12/01/93
2	zn 70 (n,3n	)zn 68	17	21	12/01/93
3	zn 70 (n,na	)ni 66	22	48	12/01/93
4	zn 70 (n,np	)cu 69	28	27	12/01/93
5	zn 70 (n,nd	)cu 68	32	7	12/01/93
6	zn 70 (n,nt	)cu 67	33	9	12/01/93
7	zn 70 (n,g	)zn 71	102	21643	12/01/93
8	zn 70 (n,p	)cu 70	103	42	12/01/93
9	zn 70 (n,d	)cu 69	104	35	12/01/93
10	zn 70 (n,t	)cu 68	105	28	12/01/93
11	zn 70 (n,h	)ni 68	106	33	12/01/93
12	zn 70 (n,a	)ni 67	107	83	12/01/93
13	zn 70 (n,2n*	)zn 69m	316	28	12/01/93
14	zn 70 (n,nd*	)cu 68m	332	6	12/01/93
15	zn 70 (n,g*	)zn 71m	402	21651	12/01/93
16	zn 70 (n,p*	)cu 70m	403	41	12/01/93
17	zn 70 (n,t*	)cu 68m	405	26	12/01/93

1	zn 72 (n,2n	)zn 71	16	27	12/01/93
2	zn 72 (n,3n	)zn 70	17	24	12/01/93
3	zn 72 (n,na	)ni 68	22	44	12/01/93
4	zn 72 (n,np	)cu 71	28	25	12/01/93
5	zn 72 (n,nd	)cu 70	32	7	12/01/93
6	zn 72 (n,nt	)cu 69	33	9	12/01/93
7	zn 72 (n,g	)zn 73	102	358	12/01/93
8	zn 72 (n,p	)cu 72	103	36	12/01/93
9	zn 72 (n,d	)cu 71	104	30	12/01/93
10	zn 72 (n,t	)cu 70	105	27	12/01/93
11	zn 72 (n,h	)ni 70	106	23	12/01/93
12	zn 72 (n,a	)ni 69	107	66	12/01/93
13	zn 72 (n,2p	)ni 71	111	5	12/01/93
14	zn 72 (n,2n*	)zn 71m	316	27	12/01/93
15	zn 72 (n,nd*	)cu 70m	332	7	12/01/93
16	zn 72 (n,t*	)cu 70m	405	27	12/01/93

Appendix A-3

List of Reactions on files *.ga.y

#	target	product	mt	# engeries	date
1	as 71 (n,2n)	as 70	16	24	12/01/93
2	as 71 (n,na)	ga 67	22	60	12/01/93
3	as 71 (n,np)	ge 70	28	48	12/01/93
4	as 71 (n,nd)	ge 69	32	21	12/01/93
5	as 71 (n,nt)	ge 68	33	11	12/01/93
6	as 71 (n,nh)	ga 68	34	12	12/01/93
7	as 71 (n,g)	as 72	102	399	12/01/93
8	as 71 (n,p)	ge 71	103	67	12/01/93
9	as 71 (n,d)	ge 70	104	60	12/01/93
10	as 71 (n,t)	ge 69	105	41	12/01/93
11	as 71 (n,h)	ga 69	106	55	12/01/93
12	as 71 (n,a)	ga 68	107	73	12/01/93
13	as 71 (n,2p)	ga 70	111	46	12/01/93
1	as 72 (n,2n)	as 71	16	23	12/01/93
2	as 72 (n,na)	ga 68	22	54	12/01/93
3	as 72 (n,np)	ge 71	28	45	12/01/93
4	as 72 (n,nd)	ge 70	32	31	12/01/93
5	as 72 (n,nt)	ge 69	33	11	12/01/93
6	as 72 (n,nh)	ga 69	34	15	12/01/93
7	as 72 (n,g)	as 73	102	406	12/01/93
8	as 72 (n,p)	ge 72	103	55	12/01/93
9	as 72 (n,d)	ge 71	104	56	12/01/93
10	as 72 (n,t)	ge 70	105	46	12/01/93
11	as 72 (n,h)	ga 70	106	53	12/01/93
12	as 72 (n,a)	ga 69	107	72	12/01/93
13	as 72 (n,2p)	ga 71	111	49	12/01/93
1	as 73 (n,2n)	as 72	16	27	12/01/93
2	as 73 (n,3n)	as 71	17	4	12/01/93
3	as 73 (n,na)	ga 69	22	56	12/01/93
4	as 73 (n,np)	ge 72	28	46	12/01/93
5	as 73 (n,nd)	ge 71	32	15	12/01/93
6	as 73 (n,nt)	ge 70	33	12	12/01/93
7	as 73 (n,nh)	ga 70	34	9	12/01/93
8	as 73 (n,g)	as 74	102	399	12/01/93
9	as 73 (n,p)	ge 73	103	71	12/01/93
10	as 73 (n,d)	ge 72	104	54	12/01/93
11	as 73 (n,t)	ge 71	105	39	12/01/93
12	as 73 (n,h)	ga 71	106	45	12/01/93
13	as 73 (n,a)	ga 70	107	79	12/01/93
14	as 73 (n,2p)	ga 72	111	38	12/01/93
15	as 73 (n,p*)	ge 73m	403	71	12/01/93
#	target	product	mt	# engeries	date
1	as 74 (n,2n)	as 73	16	23	12/01/93
2	as 74 (n,3n)	as 72	17	6	12/01/93
3	as 74 (n,na)	ga 70	22	55	12/01/93
4	as 74 (n,np)	ge 73	28	40	12/01/93
5	as 74 (n,nd)	ge 72	32	27	12/01/93
6	as 74 (n,nt)	ge 71	33	11	12/01/93
7	as 74 (n,nh)	ga 71	34	12	12/01/93
8	as 74 (n,g)	as 75	102	406	12/01/93
9	as 74 (n,p)	ge 74	103	65	12/01/93
10	as 74 (n,d)	ge 73	104	48	12/01/93
11	as 74 (n,t)	ge 72	105	45	12/01/93
12	as 74 (n,h)	ga 72	106	44	12/01/93
13	as 74 (n,a)	ga 71	107	77	12/01/93
14	as 74 (n,2p)	ga 73	111	40	12/01/93
15	as 74 (n,np*)	ge 73m	328	37	12/01/93
16	as 74 (n,d*)	ge 73m	404	48	12/01/93
1	as 75 (n,2n)	as 74	16	28	12/01/93
2	as 75 (n,3n)	as 73	17	11	12/01/93
3	as 75 (n,na)	ga 71	22	54	12/01/93
4	as 75 (n,np)	ge 74	28	39	12/01/93
5	as 75 (n,nd)	ge 73	32	18	12/01/93
6	as 75 (n,nt)	ge 72	33	12	12/01/93
7	as 75 (n,nh)	ga 72	34	2	12/01/93
8	as 75 (n,g)	as 76	102	6152	12/01/93

# target	product	mt	# engseries	date
9 as 75 (n,p)	ge 75	103	73	12/01/93
10 as 75 (n,d)	ge 74	104	49	12/01/93
11 as 75 (n,t)	ge 73	105	37	12/01/93
12 as 75 (n,h)	ga 73	106	41	12/01/93
13 as 75 (n,a)	ga 72	107	82	12/01/93
14 as 75 (n,2p)	ga 74	111	25	12/01/93
15 as 75 (n,nd*)	ge 73m	332	18	12/01/93
16 as 75 (n,p*)	ge 75m	403	66	12/01/93
17 as 75 (n,t*)	ge 73m	405	37	12/01/93
18 as 75 (n,2p*)	ga 74m	411	25	12/01/93

# target	product	mt	# engseries	date
1 as 76 (n,2n)	as 75	16	31	12/01/93
2 as 76 (n,3n)	as 74	17	15	12/01/93
3 as 76 (n,na)	ga 72	22	46	12/01/93
4 as 76 (n,np)	ge 75	28	37	12/01/93
5 as 76 (n,nd)	ge 74	32	26	12/01/93
6 as 76 (n,nt)	ge 73	33	11	12/01/93
7 as 76 (n,nh)	ga 73	34	8	12/01/93
8 as 76 (n,g)	as 77	102	409	12/01/93
9 as 76 (n,p)	ge 76	103	69	12/01/93
10 as 76 (n,d)	ge 75	104	42	12/01/93
11 as 76 (n,t)	ge 74	105	43	12/01/93
12 as 76 (n,h)	ga 74	106	37	12/01/93
13 as 76 (n,a)	ga 73	107	80	12/01/93
14 as 76 (n,2p)	ga 75	111	31	12/01/93
15 as 76 (n,np*)	ge 75m	328	37	12/01/93
16 as 76 (n,nt*)	ge 73m	333	11	12/01/93
17 as 76 (n,d*)	ge 75m	404	42	12/01/93
18 as 76 (n,h*)	ga 74m	406	37	12/01/93

1 as 77 (n,2n)	as 76	16	28	12/01/93
2 as 77 (n,3n)	as 75	17	16	12/01/93
3 as 77 (n,na)	ga 73	22	47	12/01/93
4 as 77 (n,np)	ge 76	28	35	12/01/93
5 as 77 (n,nd)	ge 75	32	18	12/01/93
6 as 77 (n,nt)	ge 74	33	12	12/01/93
7 as 77 (n,g)	as 78	102	398	12/01/93
8 as 77 (n,p)	ge 77	103	61	12/01/93
9 as 77 (n,d)	ge 76	104	45	12/01/93
10 as 77 (n,t)	ge 75	105	36	12/01/93
11 as 77 (n,h)	ga 75	106	33	12/01/93
12 as 77 (n,a)	ga 74	107	82	12/01/93
13 as 77 (n,2p)	ga 76	111	15	12/01/93
14 as 77 (n,nd*)	ge 75m	332	16	12/01/93
15 as 77 (n,p*)	ge 77m	403	57	12/01/93
16 as 77 (n,t*)	ge 75m	405	36	12/01/93
17 as 77 (n,a*)	ga 74m	407	82	12/01/93

# target	product	mt	# engseries	date
1 ge 68 (n,2n)	ge 67	16	23	12/01/93
2 ge 68 (n,na)	zn 64	22	56	12/01/93
3 ge 68 (n,np)	ga 67	28	37	12/01/93
4 ge 68 (n,nd)	ga 66	32	13	12/01/93
5 ge 68 (n,nt)	ga 65	33	2	12/01/93
6 ge 68 (n,nh)	zn 65	34	11	12/01/93
7 ge 68 (n,g)	ge 69	102	354	12/01/93
8 ge 68 (n,p)	ga 68	103	73	12/01/93
9 ge 68 (n,d)	ga 67	104	47	12/01/93
10 ge 68 (n,t)	ga 66	105	33	12/01/93
11 ge 68 (n,h)	zn 66	106	56	12/01/93
12 ge 68 (n,a)	zn 65	107	72	12/01/93
13 ge 68 (n,2p)	zn 67	111	46	12/01/93
1 ge 69 (n,2n)	ge 68	16	26	12/01/93
2 ge 69 (n,na)	zn 65	22	52	12/01/93
3 ge 69 (n,np)	ga 68	28	36	12/01/93
4 ge 69 (n,nd)	ga 67	32	22	12/01/93
5 ge 69 (n,nt)	ga 66	33	6	12/01/93
6 ge 69 (n,nh)	zn 66	34	17	12/01/93
7 ge 69 (n,g)	ge 70	102	390	12/01/93
8 ge 69 (n,p)	ga 69	103	65	12/01/93

#	target	product	mt	# engeries	date
9	ge 69 (n,d	)ga 68	104	44	12/01/93
10	ge 69 (n,t	)ga 67	105	42	12/01/93
11	ge 69 (n,h	)zn 67	106	53	12/01/93
12	ge 69 (n,a	)zn 66	107	70	12/01/93
13	ge 69 (n,2p	)zn 68	111	53	12/01/93
1	ge 70 (n,2n	)ge 69	16	24	12/01/93
2	ge 70 (n,na	)zn 66	22	55	12/01/93
3	ge 70 (n,np	)ga 69	28	35	12/01/93
4	ge 70 (n,nd	)ga 68	32	11	12/01/93
5	ge 70 (n,nt	)ga 67	33	6	12/01/93
6	ge 70 (n,nh	)zn 67	34	8	12/01/93
7	ge 70 (n,g	)ge 71	102	4726	12/01/93
8	ge 70 (n,p	)ga 70	103	69	12/01/93
9	ge 70 (n,d	)ga 69	104	43	12/01/93
10	ge 70 (n,t	)ga 68	105	31	12/01/93
11	ge 70 (n,h	)zn 68	106	49	12/01/93
12	ge 70 (n,a	)zn 67	107	78	12/01/93
13	ge 70 (n,2p	)zn 69	111	36	12/01/93
14	ge 70 (n,2p*	)zn 69m	411	34	12/01/93

#	target	product	mt	# engeries	date
1	ge 71 (n,2n	)ge 70	16	24	12/01/93
2	ge 71 (n,3n	)ge 69	17	7	12/01/93
3	ge 71 (n,na	)zn 67	22	52	12/01/93
4	ge 71 (n,np	)ga 70	28	35	12/01/93
5	ge 71 (n,nd	)ga 69	32	22	12/01/93
6	ge 71 (n,nt	)ga 68	33	7	12/01/93
7	ge 71 (n,nh	)zn 68	34	13	12/01/93
8	ge 71 (n,g	)ge 72	102	383	12/01/93
9	ge 71 (n,p	)ga 71	103	70	12/01/93
10	ge 71 (n,d	)ga 70	104	44	12/01/93
11	ge 71 (n,t	)ga 69	105	40	12/01/93
12	ge 71 (n,h	)zn 69	106	46	12/01/93
13	ge 71 (n,a	)zn 68	107	75	12/01/93
14	ge 71 (n,2p	)zn 70	111	43	12/01/93
15	ge 71 (n,h*	)zn 69m	406	44	12/01/93

1	ge 72 (n,2n	)ge 71	16	29	12/01/93
2	ge 72 (n,3n	)ge 70	17	11	12/01/93
3	ge 72 (n,na	)zn 68	22	53	12/01/93
4	ge 72 (n,np	)ga 71	28	33	12/01/93
5	ge 72 (n,nd	)ga 70	32	9	12/01/93
6	ge 72 (n,nt	)ga 69	33	7	12/01/93
7	ge 72 (n,nh	)zn 69	34	5	12/01/93
8	ge 72 (n,g	)ge 73	102	2062	12/01/93
9	ge 72 (n,p	)ga 72	103	53	12/01/93
10	ge 72 (n,d	)ga 71	104	38	12/01/93
11	ge 72 (n,t	)ga 70	105	31	12/01/93
12	ge 72 (n,h	)zn 70	106	41	12/01/93
13	ge 72 (n,a	)zn 69	107	82	12/01/93
14	ge 72 (n,2p	)zn 71	111	29	12/01/93
15	ge 72 (n,nh*	)zn 69m	334	7	12/01/93
16	ge 72 (n,g*	)ge 73m	402	2062	12/01/93
17	ge 72 (n,a*	)zn 69m	407	82	12/01/93
18	ge 72 (n,2p*	)zn 71m	411	27	12/01/93

#	target	product	mt	# engeries	date
1	ge 73 (n,n	)ge 73	4	1	12/01/93
2	ge 73 (n,2n	)ge 72	16	31	12/01/93
3	ge 73 (n,3n	)ge 71	17	15	12/01/93
4	ge 73 (n,na	)zn 69	22	48	12/01/93
5	ge 73 (n,np	)ga 72	28	30	12/01/93
6	ge 73 (n,nd	)ga 71	32	21	12/01/93
7	ge 73 (n,nt	)ga 70	33	8	12/01/93
8	ge 73 (n,nh	)zn 70	34	10	12/01/93
9	ge 73 (n,g	)ge 74	102	2628	12/01/93
10	ge 73 (n,p	)ga 73	103	69	12/01/93
11	ge 73 (n,d	)ga 72	104	40	12/01/93
12	ge 73 (n,t	)ga 71	105	38	12/01/93
13	ge 73 (n,h	)zn 71	106	38	12/01/93
14	ge 73 (n,a	)zn 70	107	78	12/01/93

#	target	product	mt	# engeries	date
15	ge 73 (n,2p)	)zn 72	111	34	12/01/93
16	ge 73 (n,n*)	)ge 73m	304	56	12/01/93
17	ge 73 (n,na*)	)zn 69m	322	45	12/01/93
18	ge 73 (n,h*)	)zn 71m	406	36	12/01/93
1	ge 74 (n,2n)	)ge 73	16	27	12/01/93
2	ge 74 (n,3n)	)ge 72	17	15	12/01/93
3	ge 74 (n,na)	)zn 70	22	47	12/01/93
4	ge 74 (n,np)	)ga 73	28	25	12/01/93
5	ge 74 (n,nd)	)ga 72	32	7	12/01/93
6	ge 74 (n,nt)	)ga 71	33	7	12/01/93
7	ge 74 (n,g)	)ge 75	102	1291	12/01/93
8	ge 74 (n,p)	)ga 74	103	47	12/01/93
9	ge 74 (n,d)	)ga 73	104	37	12/01/93
10	ge 74 (n,t)	)ga 72	105	29	12/01/93
11	ge 74 (n,h)	)zn 72	106	33	12/01/93
12	ge 74 (n,a)	)zn 71	107	81	12/01/93
13	ge 74 (n,2p)	)zn 73	111	13	12/01/93
14	ge 74 (n,2n*)	)ge 73m	316	27	12/01/93
15	ge 74 (n,g*)	)ge 75m	402	1292	12/01/93
16	ge 74 (n,p*)	)ga 74m	403	47	12/01/93
17	ge 74 (n,a*)	)zn 71m	407	76	12/01/93

#	target	product	mt	# engeries	date
1	ge 76 (n,2n)	)ge 75	16	25	12/01/93
2	ge 76 (n,3n)	)ge 74	17	17	12/01/93
3	ge 76 (n,na)	)zn 72	22	44	12/01/93
4	ge 76 (n,np)	)ga 75	28	25	12/01/93
5	ge 76 (n,nd)	)ga 74	32	6	12/01/93
6	ge 76 (n,nt)	)ga 73	33	6	12/01/93
7	ge 76 (n,g)	)ge 77	102	1766	12/01/93
8	ge 76 (n,p)	)ga 76	103	42	12/01/93
9	ge 76 (n,d)	)ga 75	104	34	12/01/93
10	ge 76 (n,t)	)ga 74	105	26	12/01/93
11	ge 76 (n,h)	)zn 74	106	23	12/01/93
12	ge 76 (n,a)	)zn 73	107	60	12/01/93
13	ge 76 (n,2p)	)zn 75	111	9	12/01/93
14	ge 76 (n,2n*)	)ge 75m	316	25	12/01/93
15	ge 76 (n,nd*)	)ga 74m	332	6	12/01/93
16	ge 76 (n,g*)	)ge 77m	402	1769	12/01/93
17	ge 76 (n,t*)	)ga 74m	405	26	12/01/93

1	ga 67 (n,2n)	)ga 66	16	26	12/01/93
2	ga 67 (n,na)	)cu 63	22	56	12/01/93
3	ga 67 (n,np)	)zn 66	28	41	12/01/93
4	ga 67 (n,nd)	)zn 65	32	20	12/01/93
5	ga 67 (n,nt)	)zn 64	33	11	12/01/93
6	ga 67 (n,nh)	)cu 64	34	10	12/01/93
7	ga 67 (n,g)	)ga 68	102	399	12/01/93
8	ga 67 (n,p)	)zn 67	103	68	12/01/93
9	ga 67 (n,d)	)zn 66	104	54	12/01/93
10	ga 67 (n,t)	)zn 65	105	40	12/01/93
11	ga 67 (n,h)	)cu 65	106	51	12/01/93
12	ga 67 (n,a)	)cu 64	107	77	12/01/93
13	ga 67 (n,2p)	)cu 66	111	41	12/01/93

1	ga 69 (n,2n)	)ga 68	16	28	12/01/93
2	ga 69 (n,3n)	)ga 67	17	10	12/01/93
3	ga 69 (n,na)	)cu 65	22	54	12/01/93
4	ga 69 (n,np)	)zn 68	28	41	12/01/93
5	ga 69 (n,nd)	)zn 67	32	20	12/01/93
6	ga 69 (n,nt)	)zn 66	33	12	12/01/93
7	ga 69 (n,nh)	)cu 66	34	7	12/01/93
8	ga 69 (n,g)	)ga 70	102	5795	12/01/93
9	ga 69 (n,p)	)zn 69	103	69	12/01/93
10	ga 69 (n,d)	)zn 68	104	51	12/01/93
11	ga 69 (n,t)	)zn 67	105	39	12/01/93
12	ga 69 (n,h)	)cu 67	106	44	12/01/93
13	ga 69 (n,a)	)cu 66	107	80	12/01/93
14	ga 69 (n,2p)	)cu 68	111	26	12/01/93
15	ga 69 (n,p*)	)zn 69m	403	64	12/01/93
16	ga 69 (n,2p*)	)cu 68m	411	25	12/01/93

#	target	product	mt	# engeries	date
1	ga 71 (n,2n)	)ga 70	16	31	12/01/93
2	ga 71 (n,3n)	)ga 69	17	16	12/01/93
3	ga 71 (n,na)	)cu 67	22	49	12/01/93
4	ga 71 (n,np)	)zn 70	28	39	12/01/93
5	ga 71 (n,nd)	)zn 69	32	16	12/01/93
6	ga 71 (n,nt)	)zn 68	33	13	12/01/93
7	ga 71 (n,nh)	)cu 68	34	2	12/01/93
8	ga 71 (n,g)	)ga 72	102	5104	12/01/93
9	ga 71 (n,p)	)zn 71	103	56	12/01/93
10	ga 71 (n,d)	)zn 70	104	44	12/01/93
11	ga 71 (n,t)	)zn 69	105	36	12/01/93
12	ga 71 (n,h)	)cu 69	106	36	12/01/93
13	ga 71 (n,a)	)cu 68	107	81	12/01/93
14	ga 71 (n,2p)	)cu 70	111	17	12/01/93
15	ga 71 (n,nd*)	)zn 69m	332	14	12/01/93
16	ga 71 (n,p*)	)zn 71m	403	56	12/01/93
17	ga 71 (n,t*)	)zn 69m	405	34	12/01/93
18	ga 71 (n,a*)	)cu 68m	407	81	12/01/93
19	ga 71 (n,2p*)	)cu 70m	411	15	12/01/93

1	se 72 (n,2n)	)se 71	16	19	12/01/93
2	se 72 (n,na)	)ge 68	22	60	12/01/93
3	se 72 (n,np)	)as 71	28	39	12/01/93
4	se 72 (n,nd)	)as 70	32	10	12/01/93
5	se 72 (n,nt)	)as 69	33	2	12/01/93
6	se 72 (n,nh)	)ge 69	34	12	12/01/93
7	se 72 (n,g)	)se 73	102	362	12/01/93
8	se 72 (n,p)	)as 72	103	72	12/01/93
9	se 72 (n,d)	)as 71	104	47	12/01/93
10	se 72 (n,t)	)as 70	105	31	12/01/93
11	se 72 (n,h)	)ge 70	106	62	12/01/93
12	se 72 (n,a)	)ge 69	107	75	12/01/93
13	se 72 (n,2p)	)ge 71	111	52	12/01/93
14	se 72 (n,g*)	)se 73m	402	362	12/01/93

#	target	product	mt	# engeries	date
1	se 73 (n,n)	)se 73	4	1	12/01/93
2	se 73 (n,2n)	)se 72	16	28	12/01/93
3	se 73 (n,na)	)ge 69	22	54	12/01/93
4	se 73 (n,np)	)as 72	28	40	12/01/93
5	se 73 (n,nd)	)as 71	32	22	12/01/93
6	se 73 (n,nt)	)as 70	33	5	12/01/93
7	se 73 (n,nh)	)ge 70	34	18	12/01/93
8	se 73 (n,g)	)se 74	102	393	12/01/93
9	se 73 (n,p)	)as 73	103	65	12/01/93
10	se 73 (n,d)	)as 72	104	46	12/01/93
11	se 73 (n,t)	)as 71	105	43	12/01/93
12	se 73 (n,h)	)ge 71	106	57	12/01/93
13	se 73 (n,a)	)ge 70	107	71	12/01/93
14	se 73 (n,2p)	)ge 72	111	62	12/01/93
15	se 73 (n,n*)	)se 73m	304	45	12/01/93

1	se 74 (n,2n)	)se 73	16	24	12/01/93
2	se 74 (n,na)	)ge 70	22	59	12/01/93
3	se 74 (n,np)	)as 73	28	37	12/01/93
4	se 74 (n,nd)	)as 72	32	9	12/01/93
5	se 74 (n,nt)	)as 71	33	2	12/01/93
6	se 74 (n,nh)	)ge 71	34	9	12/01/93
7	se 74 (n,g)	)se 75	102	2722	12/01/93
8	se 74 (n,p)	)as 74	103	68	12/01/93
9	se 74 (n,d)	)as 73	104	45	12/01/93
10	se 74 (n,t)	)as 72	105	31	12/01/93
11	se 74 (n,h)	)ge 72	106	52	12/01/93
12	se 74 (n,a)	)ge 71	107	81	12/01/93
13	se 74 (n,2p)	)ge 73	111	41	12/01/93
14	se 74 (n,2n*)	)se 73m	316	24	12/01/93
15	se 74 (n,2p*)	)ge 73m	411	41	12/01/93

1	se 75 (n,2n)	)se 74	16	21	12/01/93
2	se 75 (n,na)	)ge 71	22	51	12/01/93
3	se 75 (n,np)	)as 74	28	33	12/01/93
4	se 75 (n,nd)	)as 73	32	20	12/01/93
5	se 75 (n,nt)	)as 72	33	5	12/01/93

#	target	product	mt	# engeries	date
6	se 75 (n,nh)	)ge 72	34	14	12/01/93
7	se 75 (n,g)	)se 76	102	388	12/01/93
8	se 75 (n,p)	)as 75	103	71	12/01/93
9	se 75 (n,d)	)as 74	104	45	12/01/93
10	se 75 (n,t)	)as 73	105	40	12/01/93
11	se 75 (n,h)	)ge 73	106	50	12/01/93
12	se 75 (n,a)	)ge 72	107	73	12/01/93
13	se 75 (n,2p)	)ge 74	111	47	12/01/93
14	se 75 (n,h*)	)ge 73m	406	50	12/01/93

#	target	product	mt	# engeries	date
1	se 76 (n,2n)	)se 75	16	24	12/01/93
2	se 76 (n,3n)	)se 74	17	4	12/01/93
3	se 76 (n,na)	)ge 72	22	51	12/01/93
4	se 76 (n,np)	)as 75	28	32	12/01/93
5	se 76 (n,nd)	)as 74	32	8	12/01/93
6	se 76 (n,nt)	)as 73	33	2	12/01/93
7	se 76 (n,nh)	)ge 73	34	5	12/01/93
8	se 76 (n,g)	)se 77	102	2966	12/01/93
9	se 76 (n,p)	)as 76	103	60	12/01/93
10	se 76 (n,d)	)as 75	104	42	12/01/93
11	se 76 (n,t)	)as 74	105	30	12/01/93
12	se 76 (n,h)	)ge 74	106	46	12/01/93
13	se 76 (n,a)	)ge 73	107	83	12/01/93
14	se 76 (n,2p)	)ge 75	111	34	12/01/93
15	se 76 (n,nh*)	)ge 73m	334	5	12/01/93
16	se 76 (n,g*)	)se 77m	402	2965	12/01/93
17	se 76 (n,a*)	)ge 73m	407	83	12/01/93
18	se 76 (n,2p*)	)ge 75m	411	34	12/01/93

1	se 77 (n,n)	)se 77	4	1	12/01/93
2	se 77 (n,2n)	)se 76	16	22	12/01/93
3	se 77 (n,3n)	)se 75	17	10	12/01/93
4	se 77 (n,na)	)ge 73	22	46	12/01/93
5	se 77 (n,np)	)as 76	28	31	12/01/93
6	se 77 (n,nd)	)as 75	32	21	12/01/93
7	se 77 (n,nt)	)as 74	33	6	12/01/93
8	se 77 (n,nh)	)ge 74	34	11	12/01/93
9	se 77 (n,g)	)se 78	102	5719	12/01/93
10	se 77 (n,p)	)as 77	103	74	12/01/93
11	se 77 (n,d)	)as 76	104	42	12/01/93
12	se 77 (n,t)	)as 75	105	38	12/01/93
13	se 77 (n,h)	)ge 75	106	43	12/01/93
14	se 77 (n,a)	)ge 74	107	79	12/01/93
15	se 77 (n,2p)	)ge 76	111	41	12/01/93
16	se 77 (n,n*)	)se 77m	304	51	12/01/93
17	se 77 (n,na*)	)ge 73m	322	46	12/01/93
18	se 77 (n,h*)	)ge 75m	406	43	12/01/93

#	target	product	mt	# engeries	date
1	se 78 (n,2n)	)se 77	16	23	12/01/93
2	se 78 (n,3n)	)se 76	17	11	12/01/93
3	se 78 (n,na)	)ge 74	22	49	12/01/93
4	se 78 (n,np)	)as 77	28	27	12/01/93
5	se 78 (n,nd)	)as 76	32	7	12/01/93
6	se 78 (n,nt)	)as 75	33	5	12/01/93
7	se 78 (n,g)	)se 79	102	3334	12/01/93
8	se 78 (n,p)	)as 78	103	53	12/01/93
9	se 78 (n,d)	)as 77	104	40	12/01/93
10	se 78 (n,t)	)as 76	105	29	12/01/93
11	se 78 (n,h)	)ge 76	106	39	12/01/93
12	se 78 (n,a)	)ge 75	107	83	12/01/93
13	se 78 (n,2p)	)ge 77	111	28	12/01/93
14	se 78 (n,2n*)	)se 77m	316	23	12/01/93
15	se 78 (n,g*)	)se 79m	402	3332	12/01/93
16	se 78 (n,a*)	)ge 75m	407	83	12/01/93
17	se 78 (n,2p*)	)ge 77m	411	26	12/01/93

1	se 79 (n,n)	)se 79	4	1	12/01/93
2	se 79 (n,2n)	)se 78	16	24	12/01/93
3	se 79 (n,3n)	)se 77	17	13	12/01/93
4	se 79 (n,na)	)ge 75	22	44	12/01/93

#	target	product	mt	# engeries	date
5	se 79 (n,np)	as 78	28	26	12/01/93
6	se 79 (n,nd)	as 77	32	19	12/01/93
7	se 79 (n,nt)	as 76	33	6	12/01/93
8	se 79 (n,nh)	ge 76	34	8	12/01/93
9	se 79 (n,g)	se 80	102	387	12/01/93
10	se 79 (n,p)	as 79	103	65	12/01/93
11	se 79 (n,d)	as 78	104	40	12/01/93
12	se 79 (n,t)	as 77	105	39	12/01/93
13	se 79 (n,h)	ge 77	106	35	12/01/93
14	se 79 (n,a)	ge 76	107	82	12/01/93
15	se 79 (n,2p)	ge 78	111	32	12/01/93
16	se 79 (n,n*)	se 79m	304	46	12/01/93
17	se 79 (n,3n*)	se 77m	317	13	12/01/93
18	se 79 (n,na*)	ge 75m	322	44	12/01/93
19	se 79 (n,h*)	ge 77m	406	35	12/01/93

#	target	product	mt	# engeries	date
1	se 80 (n,2n)	se 79	16	25	12/01/93
2	se 80 (n,3n)	se 78	17	15	12/01/93
3	se 80 (n,na)	ge 76	22	47	12/01/93
4	se 80 (n,np)	as 79	28	26	12/01/93
5	se 80 (n,nd)	as 78	32	7	12/01/93
6	se 80 (n,nt)	as 77	33	5	12/01/93
7	se 80 (n,g)	se 81	102	1799	12/01/93
8	se 80 (n,p)	as 80	103	48	12/01/93
9	se 80 (n,d)	as 79	104	36	12/01/93
10	se 80 (n,t)	as 78	105	28	12/01/93
11	se 80 (n,h)	ge 78	106	29	12/01/93
12	se 80 (n,a)	ge 77	107	77	12/01/93
13	se 80 (n,2p)	ge 79	111	14	12/01/93
14	se 80 (n,2n*)	se 79m	316	25	12/01/93
15	se 80 (n,g*)	se 81m	402	1796	12/01/93
16	se 80 (n,a*)	ge 77m	407	71	12/01/93
17	se 80 (n,2p*)	ge 79m	411	12	12/01/93

1	se 82 (n,2n)	se 81	16	31	12/01/93
2	se 82 (n,3n)	se 80	17	17	12/01/93
3	se 82 (n,na)	ge 78	22	42	12/01/93
4	se 82 (n,np)	as 81	28	25	12/01/93
5	se 82 (n,nd)	as 80	32	6	12/01/93
6	se 82 (n,nt)	as 79	33	5	12/01/93
7	se 82 (n,g)	se 83	102	1662	12/01/93
8	se 82 (n,p)	as 82	103	42	12/01/93
9	se 82 (n,d)	as 81	104	34	12/01/93
10	se 82 (n,t)	as 80	105	26	12/01/93
11	se 82 (n,h)	ge 80	106	21	12/01/93
12	se 82 (n,a)	ge 79	107	64	12/01/93
13	se 82 (n,2p)	ge 81	111	8	12/01/93
14	se 82 (n,2n*)	se 81m	316	31	12/01/93
15	se 82 (n,g*)	se 83m	402	1662	12/01/93
16	se 82 (n,p*)	as 82m	403	42	12/01/93
17	se 82 (n,a*)	ge 79m	407	60	12/01/93

#	target	product	mt	# engeries	date
1	br 77 (n,n)	br 77	4	1	12/01/93
2	br 77 (n,2n)	br 76	16	20	12/01/93
3	br 77 (n,na)	as 73	22	54	12/01/93
4	br 77 (n,np)	se 76	28	41	12/01/93
5	br 77 (n,nd)	se 75	32	21	12/01/93
6	br 77 (n,nt)	se 74	33	11	12/01/93
7	br 77 (n,nh)	as 74	34	8	12/01/93
8	br 77 (n,g)	br 78	102	397	12/01/93
9	br 77 (n,p)	se 77	103	70	12/01/93
10	br 77 (n,d)	se 76	104	55	12/01/93
11	br 77 (n,t)	se 75	105	39	12/01/93
12	br 77 (n,h)	as 75	106	51	12/01/93
13	br 77 (n,a)	as 74	107	83	12/01/93
14	br 77 (n,2p)	as 76	111	41	12/01/93
15	br 77 (n,n*)	br 77m	304	55	12/01/93
16	br 77 (n,2n*)	br 76m	316	20	12/01/93
17	br 77 (n,p*)	se 77m	403	69	12/01/93

#	target	product	mt	# engeries	date
1	br 79 (n,n)	)br 79	4	1	12/01/93
2	br 79 (n,2n)	)br 78	16	24	12/01/93
3	br 79 (n,3n)	)br 77	17	7	12/01/93
4	br 79 (n,na)	)as 75	22	50	12/01/93
5	br 79 (n,np)	)se 78	28	38	12/01/93
6	br 79 (n,nd)	)se 77	32	20	12/01/93
7	br 79 (n,nt)	)se 76	33	12	12/01/93
8	br 79 (n,nh)	)as 76	34	6	12/01/93
9	br 79 (n,g)	)br 80	102	2738	12/01/93
10	br 79 (n,p)	)se 79	103	75	12/01/93
11	br 79 (n,d)	)se 78	104	52	12/01/93
12	br 79 (n,t)	)se 77	105	39	12/01/93
13	br 79 (n,h)	)as 77	106	45	12/01/93
14	br 79 (n,a)	)as 76	107	81	12/01/93
15	br 79 (n,2p)	)as 78	111	36	12/01/93
16	br 79 (n,n*)	)br 79m	304	53	12/01/93
17	br 79 (n,3n*)	)br 77m	317	7	12/01/93
18	br 79 (n,nd*)	)se 77m	332	20	12/01/93
19	br 79 (n,g*)	)br 80m	402	2737	12/01/93
20	br 79 (n,p*)	)se 79m	403	75	12/01/93
21	br 79 (n,t*)	)se 77m	405	37	12/01/93

#	target	product	mt	# engeries	date
1	br 81 (n,2n)	)br 80	16	24	12/01/93
2	br 81 (n,3n)	)br 79	17	11	12/01/93
3	br 81 (n,na)	)as 77	22	47	12/01/93
4	br 81 (n,np)	)se 80	28	33	12/01/93
5	br 81 (n,nd)	)se 79	32	18	12/01/93
6	br 81 (n,nt)	)se 78	33	11	12/01/93
7	br 81 (n,g)	)br 82	102	7340	12/01/93
8	br 81 (n,p)	)se 81	103	70	12/01/93
9	br 81 (n,d)	)se 80	104	47	12/01/93
10	br 81 (n,t)	)se 79	105	37	12/01/93
11	br 81 (n,h)	)as 79	106	37	12/01/93
12	br 81 (n,a)	)as 78	107	83	12/01/93
13	br 81 (n,2p)	)as 80	111	23	12/01/93
14	br 81 (n,2n*)	)br 80m	316	24	12/01/93
15	br 81 (n,3n*)	)br 79m	317	11	12/01/93
16	br 81 (n,nd*)	)se 79m	332	18	12/01/93
17	br 81 (n,g*)	)br 82m	402	7335	12/01/93
18	br 81 (n,p*)	)se 81m	403	70	12/01/93
19	br 81 (n,t*)	)se 79m	405	37	12/01/93

1	br 82 (n,n)	)br 82	4	1	12/01/93
2	br 82 (n,2n)	)br 81	16	23	12/01/93
3	br 82 (n,3n)	)br 80	17	13	12/01/93
4	br 82 (n,na)	)as 78	22	43	12/01/93
5	br 82 (n,np)	)se 81	28	30	12/01/93
6	br 82 (n,nd)	)se 80	32	23	12/01/93
7	br 82 (n,nt)	)se 79	33	10	12/01/93
8	br 82 (n,nh)	)as 79	34	6	12/01/93
9	br 82 (n,g)	)br 83	102	400	12/01/93
10	br 82 (n,p)	)se 82	103	75	12/01/93
11	br 82 (n,d)	)se 81	104	44	12/01/93
12	br 82 (n,t)	)se 80	105	44	12/01/93
13	br 82 (n,h)	)as 80	106	33	12/01/93
14	br 82 (n,a)	)as 79	107	83	12/01/93
15	br 82 (n,2p)	)as 81	111	28	12/01/93
16	br 82 (n,n*)	)br 82m	304	47	12/01/93
17	br 82 (n,3n*)	)br 80m	317	11	12/01/93
18	br 82 (n,np*)	)se 81m	328	27	12/01/93
19	br 82 (n,nt*)	)se 79m	333	10	12/01/93
20	br 82 (n,d*)	)se 81m	404	44	12/01/93

#	target	product	mt	# engeries	date
1	kr 78 (n,2n)	)kr 77	16	20	12/01/93
2	kr 78 (n,na)	)se 74	22	57	12/01/93
3	kr 78 (n,np)	)br 77	28	32	12/01/93
4	kr 78 (n,nd)	)br 76	32	10	12/01/93
5	kr 78 (n,nh)	)se 75	34	9	12/01/93
6	kr 78 (n,g)	)kr 79	102	1368	12/01/93
7	kr 78 (n,p)	)br 78	103	77	12/01/93

#	target	product	mt	# engeries	date
8	kr 78 (n,d)	)br 77	104	45	12/01/93
9	kr 78 (n,t)	)br 76	105	33	12/01/93
10	kr 78 (n,h)	)se 76	106	56	12/01/93
11	kr 78 (n,a)	)se 75	107	82	12/01/93
12	kr 78 (n,2p)	)se 77	111	47	12/01/93
13	kr 78 (n,np*)	)br 77m	328	32	12/01/93
14	kr 78 (n,nd*)	)br 76m	332	10	12/01/93
15	kr 78 (n,g*)	)kr 79m	402	1367	12/01/93
16	kr 78 (n,d*)	)br 77m	404	45	12/01/93
17	kr 78 (n,t*)	)br 76m	405	33	12/01/93
18	kr 78 (n,2p*)	)se 77m	411	47	12/01/93

1	kr 79 (n,n)	)kr 79	4	1	12/01/93
2	kr 79 (n,2n)	)kr 78	16	28	12/01/93
3	kr 79 (n,na)	)se 75	22	51	12/01/93
4	kr 79 (n,np)	)br 78	28	30	12/01/93
5	kr 79 (n,nd)	)br 77	32	20	12/01/93
6	kr 79 (n,nt)	)br 76	33	5	12/01/93
7	kr 79 (n,nh)	)se 76	34	15	12/01/93
8	kr 79 (n,g)	)kr 80	102	399	12/01/93
9	kr 79 (n,p)	)br 79	103	71	12/01/93
10	kr 79 (n,d)	)br 78	104	45	12/01/93
11	kr 79 (n,t)	)br 77	105	40	12/01/93
12	kr 79 (n,h)	)se 77	106	53	12/01/93
13	kr 79 (n,a)	)se 76	107	74	12/01/93
14	kr 79 (n,2p)	)se 78	111	57	12/01/93
15	kr 79 (n,n*)	)kr 79m	304	53	12/01/93
16	kr 79 (n,nd*)	)br 77m	332	20	12/01/93
17	kr 79 (n,nt*)	)br 76m	333	5	12/01/93
18	kr 79 (n,p*)	)br 79m	403	71	12/01/93
19	kr 79 (n,t*)	)br 77m	405	40	12/01/93
20	kr 79 (n,h*)	)se 77m	406	53	12/01/93

#	target	product	mt	# engeries	date
1	kr 80 (n,2n)	)kr 79	16	20	12/01/93
2	kr 80 (n,na)	)se 76	22	53	12/01/93
3	kr 80 (n,np)	)br 79	28	31	12/01/93
4	kr 80 (n,nd)	)br 78	32	8	12/01/93
5	kr 80 (n,nt)	)br 77	33	2	12/01/93
6	kr 80 (n,nh)	)se 77	34	7	12/01/93
7	kr 80 (n,g)	)kr 81	102	1534	12/01/93
8	kr 80 (n,p)	)br 80	103	67	12/01/93
9	kr 80 (n,d)	)br 79	104	44	12/01/93
10	kr 80 (n,t)	)br 78	105	32	12/01/93
11	kr 80 (n,h)	)se 78	106	50	12/01/93
12	kr 80 (n,a)	)se 77	107	79	12/01/93
13	kr 80 (n,2p)	)se 79	111	39	12/01/93
14	kr 80 (n,2n*)	)kr 79m	316	20	12/01/93
15	kr 80 (n,np*)	)br 79m	328	31	12/01/93
16	kr 80 (n,nt*)	)br 77m	333	2	12/01/93
17	kr 80 (n,nh*)	)se 77m	334	5	12/01/93
18	kr 80 (n,g*)	)kr 81m	402	1531	12/01/93
19	kr 80 (n,p*)	)br 80m	403	67	12/01/93
20	kr 80 (n,d*)	)br 79m	404	42	12/01/93
21	kr 80 (n,a*)	)se 77m	407	79	12/01/93
22	kr 80 (n,2p*)	)se 79m	411	39	12/01/93

1	kr 81 (n,n)	)kr 81	4	1	12/01/93
2	kr 81 (n,2n)	)kr 80	16	29	12/01/93
3	kr 81 (n,3n)	)kr 79	17	2	12/01/93
4	kr 81 (n,na)	)se 77	22	47	12/01/93
5	kr 81 (n,np)	)br 80	28	28	12/01/93
6	kr 81 (n,nd)	)br 79	32	19	12/01/93
7	kr 81 (n,nt)	)br 78	33	5	12/01/93
8	kr 81 (n,nh)	)se 78	34	12	12/01/93
9	kr 81 (n,g)	)kr 82	102	393	12/01/93
10	kr 81 (n,p)	)br 81	103	73	12/01/93
11	kr 81 (n,d)	)br 80	104	43	12/01/93
12	kr 81 (n,t)	)br 79	105	39	12/01/93
13	kr 81 (n,h)	)se 79	106	47	12/01/93
14	kr 81 (n,a)	)se 78	107	80	12/01/93
15	kr 81 (n,2p)	)se 80	111	44	12/01/93
16	kr 81 (n,n*)	)kr 81m	304	50	12/01/93

#	target	product	mt	# engeries	date
17	kr 81 (n,3n*)	)kr 79m	317	2	12/01/93
18	kr 81 (n,na*)	)se 77m	322	47	12/01/93
19	kr 81 (n,np*)	)br 80m	328	28	12/01/93
20	kr 81 (n,nd*)	)br 79m	332	17	12/01/93
21	kr 81 (n,d*)	)br 80m	404	42	12/01/93
22	kr 81 (n,t*)	)br 79m	405	39	12/01/93
23	kr 81 (n,h*)	)se 79m	406	47	12/01/93

#	target	product	mt	# engeries	date
1	kr 82 (n,2n)	)kr 81	16	21	12/01/93
2	kr 82 (n,3n)	)kr 80	17	6	12/01/93
3	kr 82 (n,na)	)se 78	22	50	12/01/93
4	kr 82 (n,np)	)br 81	28	28	12/01/93
5	kr 82 (n,nd)	)br 80	32	7	12/01/93
6	kr 82 (n,nt)	)br 79	33	2	12/01/93
7	kr 82 (n,g)	)kr 83	102	621	12/01/93
8	kr 82 (n,p)	)br 82	103	62	12/01/93
9	kr 82 (n,d)	)br 81	104	42	12/01/93
10	kr 82 (n,t)	)br 80	105	30	12/01/93
11	kr 82 (n,h)	)se 80	106	42	12/01/93
12	kr 82 (n,a)	)se 79	107	81	12/01/93
13	kr 82 (n,2p)	)se 81	111	33	12/01/93
14	kr 82 (n,2n*)	)kr 81m	316	21	12/01/93
15	kr 82 (n,nd*)	)br 80m	332	7	12/01/93
16	kr 82 (n,nt*)	)br 79m	333	2	12/01/93
17	kr 82 (n,g*)	)kr 83m	402	621	12/01/93
18	kr 82 (n,p*)	)br 82m	403	62	12/01/93
19	kr 82 (n,t*)	)br 80m	405	30	12/01/93
20	kr 82 (n,a*)	)se 79m	407	81	12/01/93
21	kr 82 (n,2p*)	)se 81m	411	33	12/01/93

1	kr 83 (n,n)	)kr 83	4	1	12/01/93
2	kr 83 (n,2n)	)kr 82	16	22	12/01/93
3	kr 83 (n,3n)	)kr 81	17	9	12/01/93
4	kr 83 (n,na)	)se 79	22	44	12/01/93
5	kr 83 (n,np)	)br 82	28	27	12/01/93
6	kr 83 (n,nd)	)br 81	32	19	12/01/93
7	kr 83 (n,nt)	)br 80	33	5	12/01/93
8	kr 83 (n,nh)	)se 80	34	9	12/01/93
9	kr 83 (n,g)	)kr 84	102	1094	12/01/93
10	kr 83 (n,p)	)br 83	103	77	12/01/93
11	kr 83 (n,d)	)br 82	104	41	12/01/93
12	kr 83 (n,t)	)br 81	105	38	12/01/93
13	kr 83 (n,h)	)se 81	106	39	12/01/93
14	kr 83 (n,a)	)se 80	107	81	12/01/93
15	kr 83 (n,2p)	)se 82	111	37	12/01/93
16	kr 83 (n,n*)	)kr 83m	304	50	12/01/93
17	kr 83 (n,3n*)	)kr 81m	317	9	12/01/93
18	kr 83 (n,na*)	)se 79m	322	44	12/01/93
19	kr 83 (n,np*)	)br 82m	328	27	12/01/93
20	kr 83 (n,nt*)	)br 80m	333	5	12/01/93
21	kr 83 (n,d*)	)br 82m	404	41	12/01/93
22	kr 83 (n,h*)	)se 81m	406	39	12/01/93

#	target	product	mt	# engeries	date
1	kr 84 (n,2n)	)kr 83	16	22	12/01/93
2	kr 84 (n,3n)	)kr 82	17	11	12/01/93
3	kr 84 (n,na)	)se 80	22	47	12/01/93
4	kr 84 (n,np)	)br 83	28	25	12/01/93
5	kr 84 (n,nd)	)br 82	32	7	12/01/93
6	kr 84 (n,nt)	)br 81	33	2	12/01/93
7	kr 84 (n,g)	)kr 85	102	1413	12/01/93
8	kr 84 (n,p)	)br 84	103	50	12/01/93
9	kr 84 (n,d)	)br 83	104	38	12/01/93
10	kr 84 (n,t)	)br 82	105	30	12/01/93
11	kr 84 (n,h)	)se 82	106	35	12/01/93
12	kr 84 (n,a)	)se 81	107	81	12/01/93
13	kr 84 (n,2p)	)se 83	111	16	12/01/93
14	kr 84 (n,2n*)	)kr 83m	316	22	12/01/93
15	kr 84 (n,nd*)	)br 82m	332	7	12/01/93
16	kr 84 (n,g*)	)kr 85m	402	1413	12/01/93

#	target	product	mt	# engeries	date
17	kr 84 (n,p*)	br 84m	403	49	12/01/93
18	kr 84 (n,t*)	br 82m	405	30	12/01/93
19	kr 84 (n,a*)	se 81m	407	74	12/01/93
20	kr 84 (n,2p*)	se 83m	411	16	12/01/93
1	kr 85 (n,n)	kr 85	4	1	12/01/93
2	kr 85 (n,2n)	kr 84	16	27	12/01/93
3	kr 85 (n,3n)	kr 83	17	15	12/01/93
4	kr 85 (n,na)	se 81	22	39	12/01/93
5	kr 85 (n,np)	br 84	28	28	12/01/93
6	kr 85 (n,nd)	br 83	32	15	12/01/93
7	kr 85 (n,nt)	br 82	33	5	12/01/93
8	kr 85 (n,nh)	se 82	34	4	12/01/93
9	kr 85 (n,g)	kr 86	102	417	12/01/93
10	kr 85 (n,p)	br 85	103	60	12/01/93
11	kr 85 (n,d)	br 84	104	37	12/01/93
12	kr 85 (n,t)	br 83	105	38	12/01/93
13	kr 85 (n,h)	se 83	106	29	12/01/93
14	kr 85 (n,a)	se 82	107	81	12/01/93
15	kr 85 (n,2p)	se 84	111	27	12/01/93
16	kr 85 (n,n*)	kr 85m	304	65	12/01/93
17	kr 85 (n,3n*)	kr 83m	317	15	12/01/93
18	kr 85 (n,na*)	se 81m	322	39	12/01/93
19	kr 85 (n,np*)	br 84m	328	28	12/01/93
20	kr 85 (n,nt*)	br 82m	333	5	12/01/93
21	kr 85 (n,d*)	br 84m	404	36	12/01/93
22	kr 85 (n,h*)	se 83m	406	29	12/01/93

#	target	product	mt	# engeries	date
1	kr 86 (n,2n)	kr 85	16	32	12/01/93
2	kr 86 (n,3n)	kr 84	17	15	12/01/93
3	kr 86 (n,na)	se 82	22	42	12/01/93
4	kr 86 (n,np)	br 85	28	28	12/01/93
5	kr 86 (n,nd)	br 84	32	5	12/01/93
6	kr 86 (n,nt)	br 83	33	5	12/01/93
7	kr 86 (n,g)	kr 87	102	710	12/01/93
8	kr 86 (n,p)	br 86	103	42	12/01/93
9	kr 86 (n,d)	br 85	104	35	12/01/93
10	kr 86 (n,t)	br 84	105	27	12/01/93
11	kr 86 (n,h)	se 84	106	25	12/01/93
12	kr 86 (n,a)	se 83	107	65	12/01/93
13	kr 86 (n,2p)	se 85	111	9	12/01/93
14	kr 86 (n,2n*)	kr 85m	316	27	12/01/93
15	kr 86 (n,nd*)	br 84m	332	4	12/01/93
16	kr 86 (n,t*)	br 84m	405	27	12/01/93
17	kr 86 (n,a*)	se 83m	407	65	12/01/93

1	rb 83 (n,2n)	rb 82	16	25	12/01/93
2	rb 83 (n,3n)	rb 81	17	2	12/01/93
3	rb 83 (n,na)	br 79	22	52	12/01/93
4	rb 83 (n,np)	kr 82	28	38	12/01/93
5	rb 83 (n,nd)	kr 81	32	19	12/01/93
6	rb 83 (n,nt)	kr 80	33	11	12/01/93
7	rb 83 (n,nh)	br 80	34	7	12/01/93
8	rb 83 (n,g)	rb 84	102	404	12/01/93
9	rb 83 (n,p)	kr 83	103	73	12/01/93
10	rb 83 (n,d)	kr 82	104	55	12/01/93
11	rb 83 (n,t)	kr 81	105	41	12/01/93
12	rb 83 (n,h)	br 81	106	49	12/01/93
13	rb 83 (n,a)	br 80	107	81	12/01/93
14	rb 83 (n,2p)	br 82	111	40	12/01/93
15	rb 83 (n,2n*)	rb 82m	316	21	12/01/93
16	rb 83 (n,na*)	br 79m	322	49	12/01/93
17	rb 83 (n,nd*)	kr 81m	332	19	12/01/93
18	rb 83 (n,nh*)	br 80m	334	7	12/01/93
19	rb 83 (n,g*)	rb 84m	402	404	12/01/93
20	rb 83 (n,p*)	kr 83m	403	73	12/01/93
21	rb 83 (n,t*)	kr 81m	405	41	12/01/93
22	rb 83 (n,a*)	br 80m	407	81	12/01/93
23	rb 83 (n,2p*)	br 82m	411	40	12/01/93

#	target	product	mt	# engeries	date
1	rb 84 (n,n)	)rb 84	4	1	12/01/93
2	rb 84 (n,2n)	)rb 83	16	25	12/01/93
3	rb 84 (n,na)	)br 80	22	46	12/01/93
4	rb 84 (n,np)	)kr 83	28	33	12/01/93
5	rb 84 (n,nd)	)kr 82	32	26	12/01/93
6	rb 84 (n,nt)	)kr 81	33	9	12/01/93
7	rb 84 (n,nh)	)br 81	34	10	12/01/93
8	rb 84 (n,g)	)rb 85	102	406	12/01/93
9	rb 84 (n,p)	)kr 84	103	232	12/01/93
10	rb 84 (n,d)	)kr 83	104	49	12/01/93
11	rb 84 (n,t)	)kr 82	105	45	12/01/93
12	rb 84 (n,h)	)br 82	106	44	12/01/93
13	rb 84 (n,a)	)br 81	107	82	12/01/93
14	rb 84 (n,2p)	)br 83	111	43	12/01/93
15	rb 84 (n,n*)	)rb 84m	304	49	12/01/93
16	rb 84 (n,na*)	)br 80m	322	46	12/01/93
17	rb 84 (n,np*)	)kr 83m	328	33	12/01/93
18	rb 84 (n,nt*)	)kr 81m	333	9	12/01/93
19	rb 84 (n,d*)	)kr 83m	404	49	12/01/93
20	rb 84 (n,h*)	)br 82m	406	44	12/01/93

1	rb 85 (n,2n)	)rb 84	16	19	12/01/93
2	rb 85 (n,3n)	)rb 83	17	2	12/01/93
3	rb 85 (n,na)	)br 81	22	47	12/01/93
4	rb 85 (n,np)	)kr 84	28	33	12/01/93
5	rb 85 (n,nd)	)kr 83	32	17	12/01/93
6	rb 85 (n,nt)	)kr 82	33	10	12/01/93
7	rb 85 (n,g)	)rb 86	102	1282	12/01/93
8	rb 85 (n,p)	)kr 85	103	76	12/01/93
9	rb 85 (n,d)	)kr 84	104	51	12/01/93
10	rb 85 (n,t)	)kr 83	105	37	12/01/93
11	rb 85 (n,h)	)br 83	106	41	12/01/93
12	rb 85 (n,a)	)br 82	107	81	12/01/93
13	rb 85 (n,2p)	)br 84	111	30	12/01/93
14	rb 85 (n,2n*)	)rb 84m	316	18	12/01/93
15	rb 85 (n,nd*)	)kr 83m	332	15	12/01/93
16	rb 85 (n,g*)	)rb 86m	402	1282	12/01/93
17	rb 85 (n,p*)	)kr 85m	403	76	12/01/93
18	rb 85 (n,t*)	)kr 83m	405	37	12/01/93
19	rb 85 (n,a*)	)br 82m	407	81	12/01/93
20	rb 85 (n,2p*)	)br 84m	411	30	12/01/93

#	target	product	mt	# engeries	date
1	rb 86 (n,n)	)rb 86	4	1	12/01/93
2	rb 86 (n,2n)	)rb 85	16	25	12/01/93
3	rb 86 (n,3n)	)rb 84	17	7	12/01/93
4	rb 86 (n,na)	)br 82	22	41	12/01/93
5	rb 86 (n,np)	)kr 85	28	35	12/01/93
6	rb 86 (n,nd)	)kr 84	32	23	12/01/93
7	rb 86 (n,nt)	)kr 83	33	8	12/01/93
8	rb 86 (n,nh)	)br 83	34	4	12/01/93
9	rb 86 (n,g)	)rb 87	102	536	12/01/93
10	rb 86 (n,p)	)kr 86	103	73	12/01/93
11	rb 86 (n,d)	)kr 85	104	44	12/01/93
12	rb 86 (n,t)	)kr 84	105	42	12/01/93
13	rb 86 (n,h)	)br 84	106	35	12/01/93
14	rb 86 (n,a)	)br 83	107	83	12/01/93
15	rb 86 (n,2p)	)br 85	111	32	12/01/93
16	rb 86 (n,n*)	)rb 86m	304	61	12/01/93
17	rb 86 (n,3n*)	)rb 84m	317	7	12/01/93
18	rb 86 (n,na*)	)br 82m	322	41	12/01/93
19	rb 86 (n,np*)	)kr 85m	328	35	12/01/93
20	rb 86 (n,nt*)	)kr 83m	333	8	12/01/93
21	rb 86 (n,d*)	)kr 85m	404	41	12/01/93
22	rb 86 (n,h*)	)br 84m	406	33	12/01/93

1	rb 87 (n,2n)	)rb 86	16	21	12/01/93
2	rb 87 (n,3n)	)rb 85	17	10	12/01/93
3	rb 87 (n,na)	)br 83	22	43	12/01/93
4	rb 87 (n,np)	)kr 86	28	36	12/01/93
5	rb 87 (n,nd)	)kr 85	32	12	12/01/93
6	rb 87 (n,nt)	)kr 84	33	9	12/01/93
7	rb 87 (n,g)	)rb 88	102	2697	12/01/93

#	target	product	mt	# engeries	date
8	rb 87 (n,p)	)kr 87	103	55	12/01/93
9	rb 87 (n,d)	)kr 86	104	46	12/01/93
10	rb 87 (n,t)	)kr 85	105	35	12/01/93
11	rb 87 (n,h)	)br 85	106	31	12/01/93
12	rb 87 (n,a)	)br 84	107	69	12/01/93
13	rb 87 (n,2p)	)br 86	111	13	12/01/93
14	rb 87 (n,2n*)	)rb 86m	316	20	12/01/93
15	rb 87 (n,nd*)	)kr 85m	332	10	12/01/93
16	rb 87 (n,t*)	)kr 85m	405	35	12/01/93
17	rb 87 (n,a*)	)br 84m	407	68	12/01/93

#	target	product	mt	# engeries	date
1	sr 82 (n,2n)	)sr 81	16	23	12/01/93
2	sr 82 (n,na)	)kr 78	22	57	12/01/93
3	sr 82 (n,np)	)rb 81	28	30	12/01/93
4	sr 82 (n,nd)	)rb 80	32	10	12/01/93
5	sr 82 (n,nh)	)kr 79	34	10	12/01/93
6	sr 82 (n,g)	)sr 83	102	385	12/01/93
7	sr 82 (n,p)	)rb 82	103	77	12/01/93
8	sr 82 (n,d)	)rb 81	104	47	12/01/93
9	sr 82 (n,t)	)rb 80	105	34	12/01/93
10	sr 82 (n,h)	)kr 80	106	58	12/01/93
11	sr 82 (n,a)	)kr 79	107	79	12/01/93
12	sr 82 (n,2p)	)kr 81	111	55	12/01/93
13	sr 82 (n,np*)	)rb 81m	328	28	12/01/93
14	sr 82 (n,nh*)	)kr 79m	334	10	12/01/93
15	sr 82 (n,g*)	)sr 83m	402	385	12/01/93
16	sr 82 (n,p*)	)rb 82m	403	77	12/01/93
17	sr 82 (n,d*)	)rb 81m	404	47	12/01/93
18	sr 82 (n,a*)	)kr 79m	407	79	12/01/93
19	sr 82 (n,2p*)	)kr 81m	411	52	12/01/93

1	sr 83 (n,n)	)sr 83	4	1	12/01/93
2	sr 83 (n,2n)	)sr 82	16	25	12/01/93
3	sr 83 (n,na)	)kr 79	22	50	12/01/93
4	sr 83 (n,np)	)rb 82	28	30	12/01/93
5	sr 83 (n,nd)	)rb 81	32	19	12/01/93
6	sr 83 (n,nt)	)rb 80	33	2	12/01/93
7	sr 83 (n,nh)	)kr 80	34	16	12/01/93
8	sr 83 (n,g)	)sr 84	102	390	12/01/93
9	sr 83 (n,p)	)rb 83	103	72	12/01/93
10	sr 83 (n,d)	)rb 82	104	48	12/01/93
11	sr 83 (n,t)	)rb 81	105	42	12/01/93
12	sr 83 (n,h)	)kr 81	106	56	12/01/93
13	sr 83 (n,a)	)kr 80	107	77	12/01/93
14	sr 83 (n,2p)	)kr 82	111	65	12/01/93
15	sr 83 (n,n*)	)sr 83m	304	49	12/01/93
16	sr 83 (n,na*)	)kr 79m	322	50	12/01/93
17	sr 83 (n,np*)	)rb 82m	328	28	12/01/93
18	sr 83 (n,nd*)	)rb 81m	332	19	12/01/93
19	sr 83 (n,d*)	)rb 82m	404	48	12/01/93
20	sr 83 (n,t*)	)rb 81m	405	42	12/01/93
21	sr 83 (n,h*)	)kr 81m	406	54	12/01/93

#	target	product	mt	# engeries	date
1	sr 84 (n,2n)	)sr 83	16	19	12/01/93
2	sr 84 (n,na)	)kr 80	22	54	12/01/93
3	sr 84 (n,np)	)rb 83	28	29	12/01/93
4	sr 84 (n,nd)	)rb 82	32	9	12/01/93
5	sr 84 (n,nh)	)kr 81	34	7	12/01/93
6	sr 84 (n,g)	)sr 85	102	3309	12/01/93
7	sr 84 (n,p)	)rb 84	103	75	12/01/93
8	sr 84 (n,d)	)rb 83	104	44	12/01/93
9	sr 84 (n,t)	)rb 82	105	33	12/01/93
10	sr 84 (n,h)	)kr 82	106	53	12/01/93
11	sr 84 (n,a)	)kr 81	107	81	12/01/93
12	sr 84 (n,2p)	)kr 83	111	43	12/01/93
13	sr 84 (n,2n*)	)sr 83m	316	19	12/01/93
14	sr 84 (n,nd*)	)rb 82m	332	9	12/01/93
15	sr 84 (n,nh*)	)kr 81m	334	7	12/01/93
16	sr 84 (n,g*)	)sr 85m	402	3308	12/01/93
17	sr 84 (n,p*)	)rb 84m	403	69	12/01/93

#	target	product	mt	# engeries	date
18	sr 84 (n,t*	)rb 82m	405	31	12/01/93
19	sr 84 (n,a*	)kr 81m	407	81	12/01/93
20	sr 84 (n,2p*	)kr 83m	411	44	12/01/93
1	sr 85 (n,n	)sr 85	4	1	12/01/93
2	sr 85 (n,2n	)sr 84	16	20	12/01/93
3	sr 85 (n,na	)kr 81	22	46	12/01/93
4	sr 85 (n,np	)rb 84	28	27	12/01/93
5	sr 85 (n,nd	)rb 83	32	18	12/01/93
6	sr 85 (n,nh	)kr 82	34	11	12/01/93
7	sr 85 (n,g	)sr 86	102	390	12/01/93
8	sr 85 (n,p	)rb 85	103	74	12/01/93
9	sr 85 (n,d	)rb 84	104	46	12/01/93
10	sr 85 (n,t	)rb 83	105	39	12/01/93
11	sr 85 (n,h	)kr 83	106	48	12/01/93
12	sr 85 (n,a	)kr 82	107	79	12/01/93
13	sr 85 (n,2p	)kr 84	111	51	12/01/93
14	sr 85 (n,n*	)sr 85m	304	49	12/01/93
15	sr 85 (n,na*	)kr 81m	322	43	12/01/93
16	sr 85 (n,np*	)rb 84m	328	26	12/01/93
17	sr 85 (n,d*	)rb 84m	404	44	12/01/93
18	sr 85 (n,h*	)kr 83m	406	48	12/01/93

#	target	product	mt	# engeries	date
1	sr 86 (n,2n	)sr 85	16	19	12/01/93
2	sr 86 (n,na	)kr 82	22	51	12/01/93
3	sr 86 (n,np	)rb 85	28	27	12/01/93
4	sr 86 (n,nd	)rb 84	32	6	12/01/93
5	sr 86 (n,g	)sr 87	102	4089	12/01/93
6	sr 86 (n,p	)rb 86	103	67	12/01/93
7	sr 86 (n,d	)rb 85	104	42	12/01/93
8	sr 86 (n,t	)rb 84	105	31	12/01/93
9	sr 86 (n,h	)kr 84	106	44	12/01/93
10	sr 86 (n,a	)kr 83	107	81	12/01/93
11	sr 86 (n,2p	)kr 85	111	38	12/01/93
12	sr 86 (n,2n*	)sr 85m	316	19	12/01/93
13	sr 86 (n,nd*	)rb 84m	332	5	12/01/93
14	sr 86 (n,g*	)sr 87m	402	4094	12/01/93
15	sr 86 (n,p*	)rb 86m	403	63	12/01/93
16	sr 86 (n,t*	)rb 84m	405	29	12/01/93
17	sr 86 (n,a*	)kr 83m	407	81	12/01/93
18	sr 86 (n,2p*	)kr 85m	411	38	12/01/93

1	sr 87 (n,n	)sr 87	4	1	12/01/93
2	sr 87 (n,2n	)sr 86	16	23	12/01/93
3	sr 87 (n,na	)kr 83	22	43	12/01/93
4	sr 87 (n,np	)rb 86	28	30	12/01/93
5	sr 87 (n,nd	)rb 85	32	14	12/01/93
6	sr 87 (n,nh	)kr 84	34	7	12/01/93
7	sr 87 (n,g	)sr 88	102	3702	12/01/93
8	sr 87 (n,p	)rb 87	103	74	12/01/93
9	sr 87 (n,d	)rb 86	104	43	12/01/93
10	sr 87 (n,t	)rb 85	105	37	12/01/93
11	sr 87 (n,h	)kr 85	106	41	12/01/93
12	sr 87 (n,a	)kr 84	107	82	12/01/93
13	sr 87 (n,2p	)kr 86	111	41	12/01/93
14	sr 87 (n,n*	)sr 87m	304	49	12/01/93
15	sr 87 (n,na*	)kr 83m	322	43	12/01/93
16	sr 87 (n,np*	)rb 86m	328	29	12/01/93
17	sr 87 (n,d*	)rb 86m	404	41	12/01/93
18	sr 87 (n,h*	)kr 85m	406	39	12/01/93

#	target	product	mt	# engeries	date
1	sr 88 (n,2n	)sr 87	16	24	12/01/93
2	sr 88 (n,3n	)sr 86	17	2	12/01/93
3	sr 88 (n,na	)kr 84	22	44	12/01/93
4	sr 88 (n,np	)rb 87	28	29	12/01/93
5	sr 88 (n,nd	)rb 86	32	5	12/01/93
6	sr 88 (n,g	)sr 89	102	1722	12/01/93
7	sr 88 (n,p	)rb 88	103	50	12/01/93
8	sr 88 (n,d	)rb 87	104	40	12/01/93
9	sr 88 (n,t	)rb 86	105	29	12/01/93

#	target	product	mt	# engeries	date
10	sr 88 (n,h)	)kr 86	106	35	12/01/93
11	sr 88 (n,a)	)kr 85	107	75	12/01/93
12	sr 88 (n,2p)	)kr 87	111	24	12/01/93
13	sr 88 (n,2n*)	)sr 87m	316	21	12/01/93
14	sr 88 (n,nd*)	)rb 86m	332	4	12/01/93
15	sr 88 (n,t*)	)rb 86m	405	27	12/01/93
16	sr 88 (n,a*)	)kr 85m	407	73	12/01/93
1	sr 89 (n,2n)	)sr 88	16	32	12/01/93
2	sr 89 (n,3n)	)sr 87	17	13	12/01/93
3	sr 89 (n,na)	)kr 85	22	41	12/01/93
4	sr 89 (n,np)	)rb 88	28	21	12/01/93
5	sr 89 (n,nd)	)rb 87	32	14	12/01/93
6	sr 89 (n,nt)	)rb 86	33	5	12/01/93
7	sr 89 (n,nh)	)kr 86	34	4	12/01/93
8	sr 89 (n,g)	)sr 90	102	394	12/01/93
9	sr 89 (n,p)	)rb 89	103	54	12/01/93
10	sr 89 (n,d)	)rb 88	104	39	12/01/93
11	sr 89 (n,t)	)rb 87	105	38	12/01/93
12	sr 89 (n,h)	)kr 87	106	31	12/01/93
13	sr 89 (n,a)	)kr 86	107	85	12/01/93
14	sr 89 (n,2p)	)kr 88	111	25	12/01/93
15	sr 89 (n,3n*)	)sr 87m	317	9	12/01/93
16	sr 89 (n,na*)	)kr 85m	322	39	12/01/93
17	sr 89 (n,nt*)	)rb 86m	333	4	12/01/93
1	sr 90 (n,2n)	)sr 89	16	35	12/01/93
2	sr 90 (n,3n)	)sr 88	17	24	12/01/93
3	sr 90 (n,na)	)kr 86	22	53	12/01/93
4	sr 90 (n,np)	)rb 89	28	20	12/01/93
5	sr 90 (n,nd)	)rb 88	32	10	12/01/93
6	sr 90 (n,nt)	)rb 87	33	11	12/01/93
7	sr 90 (n,g)	)sr 91	102	408	12/01/93
8	sr 90 (n,p)	)rb 90	103	46	12/01/93
9	sr 90 (n,d)	)rb 89	104	38	12/01/93
10	sr 90 (n,t)	)rb 88	105	36	12/01/93
11	sr 90 (n,h)	)kr 88	106	27	12/01/93
12	sr 90 (n,a)	)kr 87	107	88	12/01/93
13	sr 90 (n,2p)	)kr 89	111	12	12/01/93
14	sr 90 (n,p*)	)rb 90m	403	46	12/01/93

#	target	product	mt	# engeries	date
1	y 87 (n,n)	)y 87	4	1	12/01/93
2	y 87 (n,2n)	)y 86	16	25	12/01/93
3	y 87 (n,na)	)rb 83	22	47	12/01/93
4	y 87 (n,np)	)sr 86	28	36	12/01/93
5	y 87 (n,nd)	)sr 85	32	18	12/01/93
6	y 87 (n,nt)	)sr 84	33	8	12/01/93
7	y 87 (n,nh)	)rb 84	34	4	12/01/93
8	y 87 (n,g)	)y 88	102	399	12/01/93
9	y 87 (n,p)	)sr 87	103	71	12/01/93
10	y 87 (n,d)	)sr 86	104	55	12/01/93
11	y 87 (n,t)	)sr 85	105	41	12/01/93
12	y 87 (n,h)	)rb 85	106	50	12/01/93
13	y 87 (n,a)	)rb 84	107	80	12/01/93
14	y 87 (n,2p)	)rb 86	111	44	12/01/93
15	y 87 (n,n*)	)y 87m	304	50	12/01/93
16	y 87 (n,2n*)	)y 86m	316	21	12/01/93
17	y 87 (n,nd*)	)sr 85m	332	18	12/01/93
18	y 87 (n,nh*)	)rb 84m	334	4	12/01/93
19	y 87 (n,p*)	)sr 87m	403	71	12/01/93
20	y 87 (n,t*)	)sr 85m	405	38	12/01/93
21	y 87 (n,a*)	)rb 84m	407	80	12/01/93
22	y 87 (n,2p*)	)rb 86m	411	43	12/01/93

#	target	product	mt	# engeries	date
1	y 88 (n,2n)	)y 87	16	13	12/01/93
2	y 88 (n,na)	)rb 84	22	39	12/01/93
3	y 88 (n,np)	)sr 87	28	16	12/01/93
4	y 88 (n,nd)	)sr 86	32	23	12/01/93
5	y 88 (n,nt)	)sr 85	33	7	12/01/93
6	y 88 (n,nh)	)rb 85	34	7	12/01/93
7	y 88 (n,g)	)y 89	102	395	12/01/93
8	y 88 (n,p)	)sr 88	103	20	12/01/93
9	y 88 (n,d)	)sr 87	104	50	12/01/93
10	y 88 (n,t)	)sr 86	105	46	12/01/93
11	y 88 (n,h)	)rb 86	106	46	12/01/93
12	y 88 (n,a)	)rb 85	107	83	12/01/93
13	y 88 (n,2p)	)rb 87	111	47	12/01/93
14	y 88 (n,2n*)	)y 87m	316	24	12/01/93
15	y 88 (n,na*)	)rb 84m	322	38	12/01/93
16	y 88 (n,np*)	)sr 87m	328	39	12/01/93
17	y 88 (n,nt*)	)sr 85m	333	5	12/01/93
18	y 88 (n,g*)	)y 89m	402	395	12/01/93
19	y 88 (n,d*)	)sr 87m	404	50	12/01/93
20	y 88 (n,h*)	)rb 86m	406	44	12/01/93

#	target	product	mt	# engeries	date
1	y 89 (n,n)	)y 89	4	1	12/01/93
2	y 89 (n,2n)	)y 88	16	13	12/01/93
3	y 89 (n,na)	)rb 85	22	42	12/01/93
4	y 89 (n,np)	)sr 88	28	16	12/01/93
5	y 89 (n,nd)	)sr 87	32	12	12/01/93
6	y 89 (n,nt)	)sr 86	33	7	12/01/93
7	y 89 (n,g)	)y 90	102	1706	12/01/93
8	y 89 (n,p)	)sr 89	103	20	12/01/93
9	y 89 (n,d)	)sr 88	104	52	12/01/93
10	y 89 (n,t)	)sr 87	105	37	12/01/93
11	y 89 (n,h)	)rb 87	106	41	12/01/93
12	y 89 (n,a)	)rb 86	107	85	12/01/93
13	y 89 (n,2p)	)rb 88	111	31	12/01/93
14	y 89 (n,n*)	)y 89m	304	59	12/01/93
15	y 89 (n,nd*)	)sr 87m	332	10	12/01/93
16	y 89 (n,g*)	)y 90m	402	1706	12/01/93
17	y 89 (n,t*)	)sr 87m	405	35	12/01/93
18	y 89 (n,a*)	)rb 86m	407	85	12/01/93

1	y 90 (n,n)	)y 90	4	1	12/01/93
2	y 90 (n,2n)	)y 89	16	29	12/01/93
3	y 90 (n,3n)	)y 88	17	9	12/01/93
4	y 90 (n,na)	)rb 86	22	43	12/01/93
5	y 90 (n,np)	)sr 89	28	29	12/01/93
6	y 90 (n,nd)	)sr 88	32	20	12/01/93
7	y 90 (n,nt)	)sr 87	33	10	12/01/93
8	y 90 (n,nh)	)rb 87	34	6	12/01/93
9	y 90 (n,g)	)y 91	102	407	12/01/93
10	y 90 (n,p)	)sr 90	103	73	12/01/93
11	y 90 (n,d)	)sr 89	104	47	12/01/93
12	y 90 (n,t)	)sr 88	105	48	12/01/93
13	y 90 (n,h)	)rb 88	106	37	12/01/93
14	y 90 (n,a)	)rb 87	107	81	12/01/93
15	y 90 (n,2p)	)rb 89	111	30	12/01/93
16	y 90 (n,n*)	)y 90m	304	61	12/01/93
17	y 90 (n,2n*)	)y 89m	316	20	12/01/93
18	y 90 (n,na*)	)rb 86m	322	42	12/01/93
19	y 90 (n,nt*)	)sr 87m	333	8	12/01/93
20	y 90 (n,g*)	)y 91m	402	405	12/01/93

#	target	product	mt	# engeries	date
1	y 91 (n,n	)y 91	4	1	12/01/93
2	y 91 (n,2n	)y 90	16	27	12/01/93
3	y 91 (n,3n	)y 89	17	19	12/01/93
4	y 91 (n,na	)rb 87	22	52	12/01/93
5	y 91 (n,np	)sr 90	28	35	12/01/93
6	y 91 (n,nd	)sr 89	32	17	12/01/93
7	y 91 (n,nt	)sr 88	33	16	12/01/93
8	y 91 (n,g	)y 92	102	414	12/01/93
9	y 91 (n,p	)sr 91	103	65	12/01/93
10	y 91 (n,d	)sr 90	104	46	12/01/93
11	y 91 (n,t	)sr 89	105	44	12/01/93
12	y 91 (n,h	)rb 89	106	33	12/01/93
13	y 91 (n,a	)rb 88	107	84	12/01/93
14	y 91 (n,2p	)rb 90	111	17	12/01/93
15	y 91 (n,n*	)y 91m	304	63	12/01/93
16	y 91 (n,2n*	)y 90m	316	25	12/01/93
17	y 91 (n,3n*	)y 89m	317	14	12/01/93
18	y 91 (n,2p*	)rb 90m	411	15	12/01/93

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Appendix A-4

List of Reactions on files *.zr.pd

#	target	product	mt	# engeries	date
1	zr 88 (n,2n)	zr 87	16	24	12/01/93
2	zr 88 (n,na)	sr 84	22	52	12/01/93
3	zr 88 (n,np)	y 87	28	29	12/01/93
4	zr 88 (n,nd)	y 86	32	8	12/01/93
5	zr 88 (n,nh)	sr 85	34	6	12/01/93
6	zr 88 (n,g)	zr 89	102	368	12/01/93
7	zr 88 (n,p)	y 88	103	76	12/01/93
8	zr 88 (n,d)	y 87	104	47	12/01/93
9	zr 88 (n,t)	y 86	105	33	12/01/93
10	zr 88 (n,h)	sr 86	106	55	12/01/93
11	zr 88 (n,a)	sr 85	107	80	12/01/93
12	zr 88 (n,2p)	sr 87	111	52	12/01/93
13	zr 88 (n,2n*)	zr 87m	316	21	12/01/93
14	zr 88 (n,np*)	y 87m	328	27	12/01/93
15	zr 88 (n,nd*)	y 86m	332	8	12/01/93
16	zr 88 (n,nh*)	sr 85m	334	6	12/01/93
17	zr 88 (n,g*)	zr 89m	402	368	12/01/93
18	zr 88 (n,d*)	y 87m	404	45	12/01/93
19	zr 88 (n,t*)	y 86m	405	31	12/01/93
20	zr 88 (n,a*)	sr 85m	407	80	12/01/93
21	zr 88 (n,2p*)	sr 87m	411	49	12/01/93
1	zr 89 (n,n)	zr 89	4	1	12/01/93
2	zr 89 (n,2n)	zr 88	16	26	12/01/93
3	zr 89 (n,na)	sr 85	22	45	12/01/93
4	zr 89 (n,np)	y 88	28	39	12/01/93
5	zr 89 (n,nd)	y 87	32	16	12/01/93
6	zr 89 (n,nh)	sr 86	34	10	12/01/93
7	zr 89 (n,g)	zr 90	102	379	12/01/93
8	zr 89 (n,p)	y 89	103	68	12/01/93
9	zr 89 (n,d)	y 88	104	48	12/01/93
10	zr 89 (n,t)	y 87	105	40	12/01/93
11	zr 89 (n,h)	sr 87	106	51	12/01/93
12	zr 89 (n,a)	sr 86	107	81	12/01/93
13	zr 89 (n,2p)	sr 88	111	61	12/01/93
14	zr 89 (n,n*)	zr 89m	304	62	12/01/93
15	zr 89 (n,na*)	sr 85m	322	45	12/01/93
16	zr 89 (n,nd*)	y 87m	332	14	12/01/93
17	zr 89 (n,g*)	zr 90m	402	379	12/01/93
18	zr 89 (n,p*)	y 89m	403	68	12/01/93
19	zr 89 (n,t*)	y 87m	405	38	12/01/93
20	zr 89 (n,h*)	sr 87m	406	51	12/01/93
#	target	product	mt	# engeries	date
1	zr 90 (n,n)	zr 90	4	1	12/01/93
2	zr 90 (n,2n)	zr 89	16	21	12/01/93
3	zr 90 (n,na)	sr 86	22	49	12/01/93
4	zr 90 (n,np)	y 89	28	16	12/01/93
5	zr 90 (n,nd)	y 88	32	8	12/01/93
6	zr 90 (n,g)	zr 91	102	2157	12/01/93
7	zr 90 (n,p)	y 90	103	28	12/01/93
8	zr 90 (n,d)	y 89	104	13	12/01/93
9	zr 90 (n,t)	y 88	105	33	12/01/93
10	zr 90 (n,h)	sr 88	106	46	12/01/93
11	zr 90 (n,a)	sr 87	107	21	12/01/93
12	zr 90 (n,2p)	sr 89	111	40	12/01/93
13	zr 90 (n,n*)	zr 90m	304	59	12/01/93
14	zr 90 (n,2n*)	zr 89m	316	18	12/01/93
15	zr 90 (n,np*)	y 89m	328	16	12/01/93
16	zr 90 (n,p*)	y 90m	403	28	12/01/93
17	zr 90 (n,d*)	y 89m	404	13	12/01/93
18	zr 90 (n,a*)	sr 87m	407	21	12/01/93
1	zr 91 (n,2n)	zr 90	16	15	12/01/93
2	zr 91 (n,3n)	zr 89	17	4	12/01/93
3	zr 91 (n,na)	sr 87	22	46	12/01/93
4	zr 91 (n,np)	y 90	28	16	12/01/93
5	zr 91 (n,nd)	y 89	32	19	12/01/93
6	zr 91 (n,nt)	y 88	33	6	12/01/93

#	target	product	mt	# engeries	date
7	zr 91 (n,nh)	sr 88	34	8	12/01/93
8	zr 91 (n,g)	zr 92	102	2678	12/01/93
9	zr 91 (n,p)	y 91	103	28	12/01/93
10	zr 91 (n,d)	y 90	104	13	12/01/93
11	zr 91 (n,t)	y 89	105	43	12/01/93
12	zr 91 (n,h)	sr 89	106	43	12/01/93
13	zr 91 (n,a)	sr 88	107	31	12/01/93
14	zr 91 (n,2p)	sr 90	111	41	12/01/93
15	zr 91 (n,2n*)	zr 90m	316	10	12/01/93
16	zr 91 (n,3n*)	zr 89m	317	2	12/01/93
17	zr 91 (n,na*)	sr 87m	322	46	12/01/93
18	zr 91 (n,np*)	y 90m	328	16	12/01/93
19	zr 91 (n,nd*)	y 89m	332	14	12/01/93
20	zr 91 (n,p*)	y 91m	403	28	12/01/93
21	zr 91 (n,d*)	y 90m	404	13	12/01/93
22	zr 91 (n,t*)	y 89m	405	39	12/01/93

#	target	product	mt	# engeries	date
1	zr 92 (n,2n)	zr 91	16	22	12/01/93
2	zr 92 (n,3n)	zr 90	17	13	12/01/93
3	zr 92 (n,na)	sr 88	22	59	12/01/93
4	zr 92 (n,np)	y 91	28	13	12/01/93
5	zr 92 (n,nd)	y 90	32	12	12/01/93
6	zr 92 (n,nt)	y 89	33	14	12/01/93
7	zr 92 (n,nh)	sr 89	34	2	12/01/93
8	zr 92 (n,g)	zr 93	102	7292	12/01/93
9	zr 92 (n,p)	y 92	103	24	12/01/93
10	zr 92 (n,d)	y 91	104	13	12/01/93
11	zr 92 (n,t)	y 90	105	40	12/01/93
12	zr 92 (n,h)	sr 90	106	39	12/01/93
13	zr 92 (n,a)	sr 89	107	25	12/01/93
14	zr 92 (n,2p)	sr 91	111	33	12/01/93
15	zr 92 (n,3n*)	zr 90m	317	6	12/01/93
16	zr 92 (n,np*)	y 91m	328	13	12/01/93
17	zr 92 (n,nd*)	y 90m	332	11	12/01/93
18	zr 92 (n,nt*)	y 89m	333	9	12/01/93
19	zr 92 (n,d*)	y 91m	404	13	12/01/93
20	zr 92 (n,t*)	y 90m	405	35	12/01/93

1	zr 93 (n,2n)	zr 92	16	24	12/01/93
2	zr 93 (n,3n)	zr 91	17	14	12/01/93
3	zr 93 (n,na)	sr 89	22	53	12/01/93
4	zr 93 (n,np)	y 92	28	25	12/01/93
5	zr 93 (n,nd)	y 91	32	15	12/01/93
6	zr 93 (n,nt)	y 90	33	11	12/01/93
7	zr 93 (n,nh)	sr 90	34	7	12/01/93
8	zr 93 (n,g)	zr 94	102	710	12/01/93
9	zr 93 (n,p)	y 93	103	17	12/01/93
10	zr 93 (n,d)	y 92	104	44	12/01/93
11	zr 93 (n,t)	y 91	105	42	12/01/93
12	zr 93 (n,h)	sr 91	106	37	12/01/93
13	zr 93 (n,a)	sr 90	107	24	12/01/93
14	zr 93 (n,2p)	sr 92	111	34	12/01/93
15	zr 93 (n,nd*)	y 91m	332	13	12/01/93
16	zr 93 (n,nt*)	y 90m	333	10	12/01/93
17	zr 93 (n,p*)	y 93m	403	57	12/01/93
18	zr 93 (n,t*)	y 91m	405	40	12/01/93

#	target	product	mt	# engeries	date
1	zr 94 (n,2n)	zr 93	16	13	12/01/93
2	zr 94 (n,3n)	zr 92	17	15	12/01/93
3	zr 94 (n,na)	sr 90	22	20	12/01/93
4	zr 94 (n,np)	y 93	28	26	12/01/93
5	zr 94 (n,nd)	y 92	32	12	12/01/93
6	zr 94 (n,nt)	y 91	33	11	12/01/93
7	zr 94 (n,g)	zr 95	102	3354	12/01/93
8	zr 94 (n,p)	y 94	103	20	12/01/93
9	zr 94 (n,d)	y 93	104	40	12/01/93
10	zr 94 (n,t)	y 92	105	38	12/01/93
11	zr 94 (n,h)	sr 92	106	31	12/01/93
12	zr 94 (n,a)	sr 91	107	23	12/01/93
13	zr 94 (n,2p)	sr 93	111	24	12/01/93

#	target	product	mt	# engeries	date
14	zr 94 (n,np*)	y 93m	328	20	12/01/93
15	zr 94 (n,nt*)	y 91m	333	9	12/01/93
16	zr 94 (n,d*)	y 93m	404	38	12/01/93
1	zr 95 (n,2n)	zr 94	16	29	12/01/93
2	zr 95 (n,3n)	zr 93	17	23	12/01/93
3	zr 95 (n,na)	sr 91	22	55	12/01/93
4	zr 95 (n,np)	y 94	28	22	12/01/93
5	zr 95 (n,nd)	y 93	32	14	12/01/93
6	zr 95 (n,nt)	y 92	33	12	12/01/93
7	zr 95 (n,g)	zr 96	102	4016	12/01/93
8	zr 95 (n,p)	y 95	103	55	12/01/93
9	zr 95 (n,d)	y 94	104	41	12/01/93
10	zr 95 (n,t)	y 93	105	41	12/01/93
11	zr 95 (n,h)	sr 93	106	29	12/01/93
12	zr 95 (n,a)	sr 92	107	84	12/01/93
13	zr 95 (n,2p)	sr 94	111	26	12/01/93
14	zr 95 (n,nd*)	y 93m	332	12	12/01/93
15	zr 95 (n,t*)	y 93m	405	37	12/01/93
1	zr 96 (n,2n)	zr 95	16	12	12/01/93
2	zr 96 (n,3n)	zr 94	17	20	12/01/93
3	zr 96 (n,na)	sr 92	22	54	12/01/93
4	zr 96 (n,np)	y 95	28	20	12/01/93
5	zr 96 (n,nd)	y 94	32	11	12/01/93
6	zr 96 (n,nt)	y 93	33	12	12/01/93
7	zr 96 (n,g)	zr 97	102	5319	12/01/93
8	zr 96 (n,p)	y 96	103	46	12/01/93
9	zr 96 (n,d)	y 95	104	39	12/01/93
10	zr 96 (n,t)	y 94	105	35	12/01/93
11	zr 96 (n,h)	sr 94	106	23	12/01/93
12	zr 96 (n,a)	sr 93	107	23	12/01/93
13	zr 96 (n,2p)	sr 95	111	10	12/01/93
14	zr 96 (n,nt*)	y 93m	333	8	12/01/93
15	zr 96 (n,p*)	y 96m	403	46	12/01/93
16	zr 96 (n,p**)	y 96n	703	46	12/01/93

#	target	product	mt	# engeries	date
1	nb 91 (n,n)	nb 91	4	1	12/01/93
2	nb 91 (n,2n)	nb 90	16	14	12/01/93
3	nb 91 (n,na)	y 87	22	49	12/01/93
4	nb 91 (n,np)	zr 90	28	43	12/01/93
5	nb 91 (n,nd)	zr 89	32	17	12/01/93
6	nb 91 (n,nt)	zr 88	33	7	12/01/93
7	nb 91 (n,nh)	y 88	34	4	12/01/93
8	nb 91 (n,g)	nb 92	102	380	12/01/93
9	nb 91 (n,p)	zr 91	103	17	12/01/93
10	nb 91 (n,d)	zr 90	104	62	12/01/93
11	nb 91 (n,t)	zr 89	105	41	12/01/93
12	nb 91 (n,h)	y 89	106	55	12/01/93
13	nb 91 (n,a)	y 88	107	83	12/01/93
14	nb 91 (n,2p)	y 90	111	45	12/01/93
15	nb 91 (n,n*)	nb 91m	304	50	12/01/93
16	nb 91 (n,2n*)	nb 90m	316	19	12/01/93
17	nb 91 (n,na*)	y 87m	322	46	12/01/93
18	nb 91 (n,np*)	zr 90m	328	32	12/01/93
19	nb 91 (n,nd*)	zr 89m	332	15	12/01/93
20	nb 91 (n,g*)	nb 92m	402	380	12/01/93
21	nb 91 (n,d*)	zr 90m	404	45	12/01/93
22	nb 91 (n,t*)	zr 89m	405	38	12/01/93
23	nb 91 (n,h*)	y 89m	406	53	12/01/93
24	nb 91 (n,2p*)	y 90m	411	43	12/01/93

1	nb 91m(n,n)	nb 91	4	50	12/01/93
2	nb 91m(n,2n)	nb 90	16	14	12/01/93
3	nb 91m(n,na)	y 87	22	49	12/01/93
4	nb 91m(n,np)	zr 90	28	43	12/01/93
5	nb 91m(n,nd)	zr 89	32	17	12/01/93
6	nb 91m(n,nt)	zr 88	33	7	12/01/93
7	nb 91m(n,nh)	y 88	34	4	12/01/93
8	nb 91m(n,g)	nb 92	102	380	12/01/93
9	nb 91m(n,p)	zr 91	103	17	12/01/93
10	nb 91m(n,d)	zr 90	104	57	12/01/93

#	target	product	mt	# engeries	date
11	nb 91m(n,t	)zr 89	105	41	12/01/93
12	nb 91m(n,h	)y 89	106	55	12/01/93
13	nb 91m(n,a	)y 88	107	83	12/01/93
14	nb 91m(n,2p	)y 90	111	46	12/01/93
15	nb 91m(n,2n*	)nb 90m	316	19	12/01/93
16	nb 91m(n,na*	)y 87m	322	46	12/01/93
17	nb 91m(n,np*	)zr 90m	328	32	12/01/93
18	nb 91m(n,nd*	)zr 89m	332	15	12/01/93
19	nb 91m(n,g*	)nb 92m	402	380	12/01/93
20	nb 91m(n,d*	)zr 90m	404	45	12/01/93
21	nb 91m(n,t*	)zr 89m	405	38	12/01/93
22	nb 91m(n,h*	)y 89m	406	53	12/01/93
23	nb 91m(n,2p*	)y 90m	411	41	12/01/93

#	target	product	mt	# engeries	date
1	nb 92 (n,n	)nb 92	4	1	12/01/93
2	nb 92 (n,2n	)nb 91	16	26	12/01/93
3	nb 92 (n,na	)y 88	22	50	12/01/93
4	nb 92 (n,np	)zr 91	28	37	12/01/93
5	nb 92 (n,nd	)zr 90	32	24	12/01/93
6	nb 92 (n,nt	)zr 89	33	10	12/01/93
7	nb 92 (n,nh	)y 89	34	12	12/01/93
8	nb 92 (n,g	)nb 93	102	394	12/01/93
9	nb 92 (n,p	)zr 92	103	17	12/01/93
10	nb 92 (n,d	)zr 91	104	56	12/01/93
11	nb 92 (n,t	)zr 90	105	51	12/01/93
12	nb 92 (n,h	)y 90	106	52	12/01/93
13	nb 92 (n,a	)y 89	107	76	12/01/93
14	nb 92 (n,2p	)y 91	111	45	12/01/93
15	nb 92 (n,n*	)nb 92m	304	48	12/01/93
16	nb 92 (n,2n*	)nb 91m	316	15	12/01/93
17	nb 92 (n,nd*	)zr 90m	332	16	12/01/93
18	nb 92 (n,nt*	)zr 89m	333	8	12/01/93
19	nb 92 (n,nh*	)y 89m	334	13	12/01/93
20	nb 92 (n,g*	)nb 93m	402	394	12/01/93
21	nb 92 (n,t*	)zr 90m	405	42	12/01/93
22	nb 92 (n,h*	)y 90m	406	50	12/01/93
23	nb 92 (n,a*	)y 89m	407	76	12/01/93
24	nb 92 (n,2p*	)y 91m	411	43	12/01/93

1	nb 92m(n,n	)nb 92	4	48	12/01/93
2	nb 92m(n,2n	)nb 91	16	21	12/01/93
3	nb 92m(n,na	)y 88	22	50	12/01/93
4	nb 92m(n,np	)zr 91	28	34	12/01/93
5	nb 92m(n,nd	)zr 90	32	22	12/01/93
6	nb 92m(n,nt	)zr 89	33	10	12/01/93
7	nb 92m(n,nh	)y 89	34	12	12/01/93
8	nb 92m(n,g	)nb 93	102	394	12/01/93
9	nb 92m(n,p	)zr 92	103	17	12/01/93
10	nb 92m(n,d	)zr 91	104	56	12/01/93
11	nb 92m(n,t	)zr 90	105	51	12/01/93
12	nb 92m(n,h	)y 90	106	52	12/01/93
13	nb 92m(n,a	)y 89	107	76	12/01/93
14	nb 92m(n,2p	)y 91	111	45	12/01/93
15	nb 92m(n,2n*	)nb 91m	316	15	12/01/93
16	nb 92m(n,nd*	)zr 90m	332	16	12/01/93
17	nb 92m(n,nt*	)zr 89m	333	8	12/01/93
18	nb 92m(n,nh*	)y 89m	334	13	12/01/93
19	nb 92m(n,g*	)nb 93m	402	394	12/01/93
20	nb 92m(n,t*	)zr 90m	405	40	12/01/93
21	nb 92m(n,h*	)y 90m	406	50	12/01/93
22	nb 92m(n,a*	)y 89m	407	76	12/01/93
23	nb 92m(n,2p*	)y 91m	411	43	12/01/93

#	target	product	mt	# engeries	date
1	nb 93 (n,n	)nb 93	4	1	12/01/93
2	nb 93 (n,2n	)nb 92	16	18	12/01/93
3	nb 93 (n,3n	)nb 91	17	10	12/01/93
4	nb 93 (n,na	)y 89	22	8	12/01/93
5	nb 93 (n,np	)zr 92	28	40	12/01/93
6	nb 93 (n,nd	)zr 91	32	18	12/01/93
7	nb 93 (n,nt	)zr 90	33	17	12/01/93

#	target	product	mt	# engeries	date
8	nb 93 (n,nh)	)y 90	34	6	12/01/93
9	nb 93 (n,g)	)nb 94	102	1282	12/01/93
10	nb 93 (n,p)	)zr 93	103	29	12/01/93
11	nb 93 (n,d)	)zr 92	104	56	12/01/93
12	nb 93 (n,t)	)zr 91	105	48	12/01/93
13	nb 93 (n,h)	)y 91	106	46	12/01/93
14	nb 93 (n,a)	)y 90	107	17	12/01/93
15	nb 93 (n,2p)	)y 92	111	42	12/01/93
16	nb 93 (n,n*)	)nb 93m	304	51	12/01/93
17	nb 93 (n,2n*)	)nb 92m	316	41	12/01/93
18	nb 93 (n,3n*)	)nb 91m	317	11	12/01/93
19	nb 93 (n,na*)	)y 89m	322	6	12/01/93
20	nb 93 (n,nt*)	)zr 90m	333	11	12/01/93
21	nb 93 (n,nh*)	)y 90m	334	6	12/01/93
22	nb 93 (n,g*)	)nb 94m	402	1282	12/01/93
23	nb 93 (n,h*)	)y 91m	406	46	12/01/93
24	nb 93 (n,a*)	)y 90m	407	17	12/01/93

1	nb 93m(n,n)	)nb 93	4	51	12/01/93
2	nb 93m(n,2n)	)nb 92	16	18	12/01/93
3	nb 93m(n,3n)	)nb 91	17	9	12/01/93
4	nb 93m(n,na)	)y 89	22	8	12/01/93
5	nb 93m(n,np)	)zr 92	28	40	12/01/93
6	nb 93m(n,nd)	)zr 91	32	18	12/01/93
7	nb 93m(n,nt)	)zr 90	33	17	12/01/93
8	nb 93m(n,nh)	)y 90	34	6	12/01/93
9	nb 93m(n,g)	)nb 94	102	1282	12/01/93
10	nb 93m(n,p)	)zr 93	103	21	12/01/93
11	nb 93m(n,d)	)zr 92	104	52	12/01/93
12	nb 93m(n,t)	)zr 91	105	45	12/01/93
13	nb 93m(n,h)	)y 91	106	46	12/01/93
14	nb 93m(n,a)	)y 90	107	17	12/01/93
15	nb 93m(n,2p)	)y 92	111	39	12/01/93
16	nb 93m(n,2n*)	)nb 92m	316	18	12/01/93
17	nb 93m(n,3n*)	)nb 91m	317	10	12/01/93
18	nb 93m(n,na*)	)y 89m	322	6	12/01/93
19	nb 93m(n,nt*)	)zr 90m	333	10	12/01/93
20	nb 93m(n,nh*)	)y 90m	334	6	12/01/93
21	nb 93m(n,g*)	)nb 94m	402	1282	12/01/93
22	nb 93m(n,h*)	)y 91m	406	46	12/01/93
23	nb 93m(n,a*)	)y 90m	407	17	12/01/93

#	target	product	mt	# engeries	date
1	nb 94 (n,n)	)nb 94	4	1	12/01/93
2	nb 94 (n,2n)	)nb 93	16	24	12/01/93
3	nb 94 (n,3n)	)nb 92	17	19	12/01/93
4	nb 94 (n,na)	)y 90	22	61	12/01/93
5	nb 94 (n,np)	)zr 93	28	33	12/01/93
6	nb 94 (n,nd)	)zr 92	32	21	12/01/93
7	nb 94 (n,nt)	)zr 91	33	16	12/01/93
8	nb 94 (n,nh)	)y 91	34	9	12/01/93
9	nb 94 (n,g)	)nb 95	102	916	12/01/93
10	nb 94 (n,p)	)zr 94	103	17	12/01/93
11	nb 94 (n,d)	)zr 93	104	53	12/01/93
12	nb 94 (n,t)	)zr 92	105	52	12/01/93
13	nb 94 (n,h)	)y 92	106	45	12/01/93
14	nb 94 (n,a)	)y 91	107	78	12/01/93
15	nb 94 (n,2p)	)y 93	111	42	12/01/93
16	nb 94 (n,n*)	)nb 94m	304	58	12/01/93
17	nb 94 (n,2n*)	)nb 93m	316	26	12/01/93
18	nb 94 (n,3n*)	)nb 92m	317	13	12/01/93
19	nb 94 (n,na*)	)y 90m	322	52	12/01/93
20	nb 94 (n,nh*)	)y 91m	334	9	12/01/93
21	nb 94 (n,g*)	)nb 95m	402	909	12/01/93
22	nb 94 (n,a*)	)y 91m	407	78	12/01/93
23	nb 94 (n,2p*)	)y 93m	411	36	12/01/93

1	nb 95 (n,n)	)nb 95	4	1	12/01/93
2	nb 95 (n,2n)	)nb 94	16	26	12/01/93
3	nb 95 (n,3n)	)nb 93	17	20	12/01/93
4	nb 95 (n,na)	)y 91	22	61	12/01/93
5	nb 95 (n,np)	)zr 94	28	39	12/01/93
6	nb 95 (n,nd)	)zr 93	32	18	12/01/93

#	target	product	mt	# engeries	date
7	nb 95 (n,nt)	zr 92	33	19	12/01/93
8	nb 95 (n,nh)	y 92	34	4	12/01/93
9	nb 95 (n,g)	nb 96	102	4094	12/01/93
10	nb 95 (n,p)	zr 95	103	76	12/01/93
11	nb 95 (n,d)	zr 94	104	50	12/01/93
12	nb 95 (n,t)	zr 93	105	45	12/01/93
13	nb 95 (n,h)	y 93	106	41	12/01/93
14	nb 95 (n,a)	y 92	107	83	12/01/93
15	nb 95 (n,2p)	y 94	111	33	12/01/93
16	nb 95 (n,n*)	nb 95m	304	49	12/01/93
17	nb 95 (n,2n*)	nb 94m	316	26	12/01/93
18	nb 95 (n,3n*)	nb 93m	317	16	12/01/93
19	nb 95 (n,na*)	y 91m	322	57	12/01/93
20	nb 95 (n,h*)	y 93m	406	41	12/01/93

#	target	product	mt	# engeries	date
1	nb 95m(n,n)	nb 95	4	49	12/01/93
2	nb 95m(n,2n)	nb 94	16	26	12/01/93
3	nb 95m(n,3n)	nb 93	17	16	12/01/93
4	nb 95m(n,na)	y 91	22	60	12/01/93
5	nb 95m(n,np)	zr 94	28	36	12/01/93
6	nb 95m(n,nd)	zr 93	32	16	12/01/93
7	nb 95m(n,nt)	zr 92	33	17	12/01/93
8	nb 95m(n,nh)	y 92	34	4	12/01/93
9	nb 95m(n,g)	nb 96	102	4094	12/01/93
10	nb 95m(n,p)	zr 95	103	67	12/01/93
11	nb 95m(n,d)	zr 94	104	50	12/01/93
12	nb 95m(n,t)	zr 93	105	45	12/01/93
13	nb 95m(n,h)	y 93	106	41	12/01/93
14	nb 95m(n,a)	y 92	107	83	12/01/93
15	nb 95m(n,2p)	y 94	111	33	12/01/93
16	nb 95m(n,2n*)	nb 94m	316	26	12/01/93
17	nb 95m(n,3n*)	nb 93m	317	16	12/01/93
18	nb 95m(n,na*)	y 91m	322	55	12/01/93
19	nb 95m(n,h*)	y 93m	406	39	12/01/93

1	mo 92 (n,2n)	mo 91	16	9	12/01/93
2	mo 92 (n,na)	zr 88	22	58	12/01/93
3	mo 92 (n,np)	nb 91	28	50	12/01/93
4	mo 92 (n,nd)	nb 90	32	12	12/01/93
5	mo 92 (n,nh)	zr 89	34	2	12/01/93
6	mo 92 (n,g)	mo 93	102	4379	12/01/93
7	mo 92 (n,p)	nb 92	103	23	12/01/93
8	mo 92 (n,d)	nb 91	104	15	12/01/93
9	mo 92 (n,t)	nb 90	105	36	12/01/93
10	mo 92 (n,h)	zr 90	106	66	12/01/93
11	mo 92 (n,a)	zr 89	107	15	12/01/93
12	mo 92 (n,2p)	zr 91	111	59	12/01/93
13	mo 92 (n,2n*)	mo 91m	316	8	12/01/93
14	mo 92 (n,np*)	nb 91m	328	15	12/01/93
15	mo 92 (n,nd*)	nb 90m	332	10	12/01/93
16	mo 92 (n,nh*)	zr 89m	334	2	12/01/93
17	mo 92 (n,g*)	mo 93m	402	4379	12/01/93
18	mo 92 (n,p*)	nb 92m	403	23	12/01/93
19	mo 92 (n,d*)	nb 91m	404	14	12/01/93
20	mo 92 (n,t*)	nb 90m	405	36	12/01/93
21	mo 92 (n,h*)	zr 90m	406	52	12/01/93
22	mo 92 (n,a*)	zr 89m	407	15	12/01/93

#	target	product	mt	# engeries	date
1	mo 93 (n,n)	mo 93	4	1	12/01/93
2	mo 93 (n,2n)	mo 92	16	19	12/01/93
3	mo 93 (n,na)	zr 89	22	52	12/01/93
4	mo 93 (n,np)	nb 92	28	31	12/01/93
5	mo 93 (n,nd)	nb 91	32	17	12/01/93
6	mo 93 (n,nt)	nb 90	33	5	12/01/93
7	mo 93 (n,nh)	zr 90	34	20	12/01/93
8	mo 93 (n,g)	mo 94	102	379	12/01/93
9	mo 93 (n,p)	nb 93	103	23	12/01/93
10	mo 93 (n,d)	nb 92	104	47	12/01/93
11	mo 93 (n,t)	nb 91	105	44	12/01/93
12	mo 93 (n,h)	zr 91	106	53	12/01/93

#	target	product	mt	# engeries	date
13	mo 93 (n,a	)zr 90	107	15	12/01/93
14	mo 93 (n,2p	)zr 92	111	56	12/01/93
15	mo 93 (n,n*	)mo 93m	304	51	12/01/93
16	mo 93 (n,na*	)zr 89m	322	46	12/01/93
17	mo 93 (n,np*	)nb 92m	328	31	12/01/93
18	mo 93 (n,nd*	)nb 91m	332	15	12/01/93
19	mo 93 (n,nt*	)nb 90m	333	5	12/01/93
20	mo 93 (n,nh*	)zr 90m	334	20	12/01/93
21	mo 93 (n,p*	)nb 93m	403	75	12/01/93
22	mo 93 (n,d*	)nb 92m	404	15	12/01/93
23	mo 93 (n,t*	)nb 91m	405	44	12/01/93
24	mo 93 (n,a*	)zr 90m	407	74	12/01/93

1	mo 94 (n,2n	)mo 93	16	12	12/01/93
2	mo 94 (n,3n	)mo 92	17	3	12/01/93
3	mo 94 (n,na	)zr 90	22	76	12/01/93
4	mo 94 (n,np	)nb 93	28	16	12/01/93
5	mo 94 (n,nd	)nb 92	32	14	12/01/93
6	mo 94 (n,nt	)nb 91	33	14	12/01/93
7	mo 94 (n,nh	)zr 91	34	15	12/01/93
8	mo 94 (n,g	)mo 95	102	1853	12/01/93
9	mo 94 (n,p	)nb 94	103	18	12/01/93
10	mo 94 (n,d	)nb 93	104	13	12/01/93
11	mo 94 (n,t	)nb 92	105	46	12/01/93
12	mo 94 (n,h	)zr 92	106	58	12/01/93
13	mo 94 (n,a	)zr 91	107	15	12/01/93
14	mo 94 (n,2p	)zr 93	111	48	12/01/93
15	mo 94 (n,2n*	)mo 93m	316	9	12/01/93
16	mo 94 (n,na*	)zr 90m	322	54	12/01/93
17	mo 94 (n,np*	)nb 93m	328	16	12/01/93
18	mo 94 (n,nd*	)nb 92m	332	13	12/01/93
19	mo 94 (n,nt*	)nb 91m	333	12	12/01/93
20	mo 94 (n,p*	)nb 94m	403	19	12/01/93
21	mo 94 (n,d*	)nb 93m	404	13	12/01/93
22	mo 94 (n,t*	)nb 92m	405	14	12/01/93

#	target	product	mt	# engeries	date
1	mo 95 (n,2n	)mo 94	16	28	12/01/93
2	mo 95 (n,3n	)mo 93	17	11	12/01/93
3	mo 95 (n,na	)zr 91	22	12	12/01/93
4	mo 95 (n,np	)nb 94	28	46	12/01/93
5	mo 95 (n,nd	)nb 93	32	18	12/01/93
6	mo 95 (n,nt	)nb 92	33	16	12/01/93
7	mo 95 (n,nh	)zr 92	34	18	12/01/93
8	mo 95 (n,g	)mo 96	102	7523	12/01/93
9	mo 95 (n,p	)nb 95	103	23	12/01/93
10	mo 95 (n,d	)nb 94	104	56	12/01/93
11	mo 95 (n,t	)nb 93	105	46	12/01/93
12	mo 95 (n,h	)zr 93	106	46	12/01/93
13	mo 95 (n,a	)zr 92	107	23	12/01/93
14	mo 95 (n,2p	)zr 94	111	49	12/01/93
15	mo 95 (n,3n*	)mo 93m	317	3	12/01/93
16	mo 95 (n,np*	)nb 94m	328	46	12/01/93
17	mo 95 (n,nd*	)nb 93m	332	16	12/01/93
18	mo 95 (n,nt*	)nb 92m	333	14	12/01/93
19	mo 95 (n,p*	)nb 95m	403	23	12/01/93
20	mo 95 (n,d*	)nb 94m	404	54	12/01/93
21	mo 95 (n,t*	)nb 93m	405	43	12/01/93

1	mo 96 (n,2n	)mo 95	16	29	12/01/93
2	mo 96 (n,3n	)mo 94	17	13	12/01/93
3	mo 96 (n,na	)zr 92	22	12	12/01/93
4	mo 96 (n,np	)nb 95	28	44	12/01/93
5	mo 96 (n,nd	)nb 94	32	18	12/01/93
6	mo 96 (n,nt	)nb 93	33	14	12/01/93
7	mo 96 (n,nh	)zr 93	34	12	12/01/93
8	mo 96 (n,g	)mo 97	102	5539	12/01/93
9	mo 96 (n,p	)nb 96	103	23	12/01/93
10	mo 96 (n,d	)nb 95	104	52	12/01/93
11	mo 96 (n,t	)nb 94	105	44	12/01/93
12	mo 96 (n,h	)zr 94	106	51	12/01/93
13	mo 96 (n,a	)zr 93	107	15	12/01/93
14	mo 96 (n,2p	)zr 95	111	42	12/01/93

# target	product	mt	# engeries	date
15 mo 96 (n,np*)	)nb 95m	328	42	12/01/93
16 mo 96 (n,nd*)	)nb 94m	332	18	12/01/93
17 mo 96 (n,nt*)	)nb 93m	333	12	12/01/93
18 mo 96 (n,d*)	)nb 95m	404	52	12/01/93
19 mo 96 (n,t*)	)nb 94m	405	44	12/01/93

# target	product	mt	# engeries	date
1 mo 97 (n,2n)	)mo 96	16	31	12/01/93
2 mo 97 (n,3n)	)mo 95	17	15	12/01/93
3 mo 97 (n,na)	)zr 93	22	70	12/01/93
4 mo 97 (n,np)	)nb 96	28	44	12/01/93
5 mo 97 (n,nd)	)nb 95	32	24	12/01/93
6 mo 97 (n,nt)	)nb 94	33	16	12/01/93
7 mo 97 (n,nh)	)zr 94	34	15	12/01/93
8 mo 97 (n,g)	)mo 98	102	9086	12/01/93
9 mo 97 (n,p)	)nb 97	103	22	12/01/93
10 mo 97 (n,d)	)nb 96	104	52	12/01/93
11 mo 97 (n,t)	)nb 95	105	50	12/01/93
12 mo 97 (n,h)	)zr 95	106	40	12/01/93
13 mo 97 (n,a)	)zr 94	107	15	12/01/93
14 mo 97 (n,2p)	)zr 96	111	45	12/01/93
15 mo 97 (n,nd*)	)nb 95m	332	24	12/01/93
16 mo 97 (n,nt*)	)nb 94m	333	16	12/01/93
17 mo 97 (n,p*)	)nb 97m	403	23	12/01/93
18 mo 97 (n,t*)	)nb 95m	405	50	12/01/93

1 mo 98 (n,2n)	)mo 97	16	32	12/01/93
2 mo 98 (n,3n)	)mo 96	17	17	12/01/93
3 mo 98 (n,na)	)zr 94	22	59	12/01/93
4 mo 98 (n,np)	)nb 97	28	42	12/01/93
5 mo 98 (n,nd)	)nb 96	32	18	12/01/93
6 mo 98 (n,nt)	)nb 95	33	16	12/01/93
7 mo 98 (n,g)	)mo 99	102	1282	12/01/93
8 mo 98 (n,p)	)nb 98	103	23	12/01/93
9 mo 98 (n,d)	)nb 97	104	50	12/01/93
10 mo 98 (n,t)	)nb 96	105	44	12/01/93
11 mo 98 (n,h)	)zr 96	106	47	12/01/93
12 mo 98 (n,a)	)zr 95	107	15	12/01/93
13 mo 98 (n,2p)	)zr 97	111	34	12/01/93
14 mo 98 (n,np*)	)nb 97m	328	38	12/01/93
15 mo 98 (n,nt*)	)nb 95m	333	14	12/01/93
16 mo 98 (n,p*)	)nb 98m	403	23	12/01/93
17 mo 98 (n,d*)	)nb 97m	404	48	12/01/93

# target	product	mt	# engeries	date
1 mo 99 (n,2n)	)mo 98	16	38	12/01/93
2 mo 99 (n,3n)	)mo 97	17	22	12/01/93
3 mo 99 (n,na)	)zr 95	22	56	12/01/93
4 mo 99 (n,np)	)nb 98	28	30	12/01/93
5 mo 99 (n,nd)	)nb 97	32	20	12/01/93
6 mo 99 (n,nt)	)nb 96	33	13	12/01/93
7 mo 99 (n,nh)	)zr 96	34	7	12/01/93
8 mo 99 (n,g)	)mo100	102	434	12/01/93
9 mo 99 (n,p)	)nb 99	103	58	12/01/93
10 mo 99 (n,d)	)nb 98	104	42	12/01/93
11 mo 99 (n,t)	)nb 97	105	45	12/01/93
12 mo 99 (n,h)	)zr 97	106	37	12/01/93
13 mo 99 (n,a)	)zr 96	107	80	12/01/93
14 mo 99 (n,2p)	)zr 98	111	34	12/01/93
15 mo 99 (n,np*)	)nb 98m	328	30	12/01/93
16 mo 99 (n,nd*)	)nb 97m	332	18	12/01/93
17 mo 99 (n,p*)	)nb 99m	403	54	12/01/93
18 mo 99 (n,d*)	)nb 98m	404	42	12/01/93
19 mo 99 (n,t*)	)nb 97m	405	40	12/01/93

1 mo100 (n,2n)	)mo 99	16	13	12/01/93
2 mo100 (n,3n)	)mo 98	17	24	12/01/93
3 mo100 (n,na)	)zr 96	22	63	12/01/93
4 mo100 (n,np)	)nb 99	28	36	12/01/93
5 mo100 (n,nd)	)nb 98	32	18	12/01/93
6 mo100 (n,nt)	)nb 97	33	18	12/01/93
7 mo100 (n,g)	)mo101	102	1282	12/01/93

#	target	product	mt	# engeries	date
8	mo100 (n,p	)nb100	103	23	12/01/93
9	mo100 (n,d	)nb 99	104	46	12/01/93
10	mo100 (n,t	)nb 98	105	42	12/01/93
11	mo100 (n,h	)zr 98	106	26	12/01/93
12	mo100 (n,a	)zr 97	107	15	12/01/93
13	mo100 (n,2p	)zr 99	111	22	12/01/93
14	mo100 (n,np*	)nb 99m	328	34	12/01/93
15	mo100 (n,nd*	)nb 98m	332	16	12/01/93
16	mo100 (n,nt*	)nb 97m	333	16	12/01/93
17	mo100 (n,p*	)nb100m	403	23	12/01/93
18	mo100 (n,d*	)nb 99m	404	44	12/01/93
19	mo100 (n,t*	)nb 98m	405	42	12/01/93

#	target	product	mt	# engeries	date
1	tc 95 (n,n	)tc 95	4	1	12/01/93
2	tc 95 (n,2n	)tc 94	16	22	12/01/93
3	tc 95 (n,3n	)tc 93	17	9	12/01/93
4	tc 95 (n,na	)nb 91	22	71	12/01/93
5	tc 95 (n,np	)mo 94	28	46	12/01/93
6	tc 95 (n,nd	)mo 93	32	19	12/01/93
7	tc 95 (n,nt	)mo 92	33	15	12/01/93
8	tc 95 (n,nh	)nb 92	34	9	12/01/93
9	tc 95 (n,g	)tc 96	102	401	12/01/93
10	tc 95 (n,p	)mo 95	103	73	12/01/93
11	tc 95 (n,d	)mo 94	104	63	12/01/93
12	tc 95 (n,t	)mo 93	105	48	12/01/93
13	tc 95 (n,h	)nb 93	106	53	12/01/93
14	tc 95 (n,a	)nb 92	107	79	12/01/93
15	tc 95 (n,2p	)nb 94	111	48	12/01/93
16	tc 95 (n,n*	)tc 95m	304	41	12/01/93
17	tc 95 (n,2n*	)tc 94m	316	22	12/01/93
18	tc 95 (n,na*	)nb 91m	322	70	12/01/93
19	tc 95 (n,nd*	)mo 93m	332	13	12/01/93
20	tc 95 (n,nh*	)nb 92m	334	9	12/01/93
21	tc 95 (n,g*	)tc 96m	402	400	12/01/93
22	tc 95 (n,t*	)mo 93m	405	37	12/01/93
23	tc 95 (n,h*	)nb 93m	406	53	12/01/93
24	tc 95 (n,a*	)nb 92m	407	79	12/01/93
25	tc 95 (n,2p*	)nb 94m	411	48	12/01/93

#	target	product	mt	# engeries	date
1	tc 95m(n,n	)tc 95	4	41	12/01/93
2	tc 95m(n,2n	)tc 94	16	22	12/01/93
3	tc 95m(n,3n	)tc 93	17	9	12/01/93
4	tc 95m(n,na	)nb 91	22	71	12/01/93
5	tc 95m(n,np	)mo 94	28	46	12/01/93
6	tc 95m(n,nd	)mo 93	32	17	12/01/93
7	tc 95m(n,nt	)mo 92	33	15	12/01/93
8	tc 95m(n,nh	)nb 92	34	9	12/01/93
9	tc 95m(n,g	)tc 96	102	401	12/01/93
10	tc 95m(n,p	)mo 95	103	73	12/01/93
11	tc 95m(n,d	)mo 94	104	63	12/01/93
12	tc 95m(n,t	)mo 93	105	48	12/01/93
13	tc 95m(n,h	)nb 93	106	53	12/01/93
14	tc 95m(n,a	)nb 92	107	79	12/01/93
15	tc 95m(n,2p	)nb 94	111	48	12/01/93
16	tc 95m(n,2n*	)tc 94m	316	22	12/01/93
17	tc 95m(n,na*	)nb 91m	322	70	12/01/93
18	tc 95m(n,nd*	)mo 93m	332	13	12/01/93
19	tc 95m(n,nh*	)nb 92m	334	9	12/01/93
20	tc 95m(n,g*	)tc 96m	402	400	12/01/93
21	tc 95m(n,t*	)mo 93m	405	37	12/01/93
22	tc 95m(n,h*	)nb 93m	406	53	12/01/93
23	tc 95m(n,a*	)nb 92m	407	79	12/01/93
24	tc 95m(n,2p*	)nb 94m	411	48	12/01/93

#	target	product	mt	# engeries	date
1	tc 96 (n,2n)	)tc 95	16	29	12/01/93
2	tc 96 (n,3n)	)tc 94	17	13	12/01/93
3	tc 96 (n,na)	)nb 92	22	68	12/01/93
4	tc 96 (n,np)	)mo 95	28	39	12/01/93
5	tc 96 (n,nd)	)mo 94	32	27	12/01/93
6	tc 96 (n,nt)	)mo 93	33	15	12/01/93
7	tc 96 (n,nh)	)nb 93	34	15	12/01/93

#	target	product	mt	# engeries	date
1	tc 97 (n,n)	)tc 97	4	1	12/01/93
2	tc 97 (n,2n)	)tc 96	16	24	12/01/93
3	tc 97 (n,3n)	)tc 95	17	13	12/01/93
4	tc 97 (n,na)	)nb 93	22	64	12/01/93
5	tc 97 (n,np)	)mo 96	28	41	12/01/93
6	tc 97 (n,nd)	)mo 95	32	18	12/01/93
7	tc 97 (n,nt)	)mo 94	33	16	12/01/93
8	tc 97 (n,nh)	)nb 94	34	6	12/01/93
9	tc 97 (n,g)	)tc 98	102	402	12/01/93
10	tc 97 (n,p)	)mo 97	103	75	12/01/93
11	tc 97 (n,d)	)mo 96	104	56	12/01/93
12	tc 97 (n,t)	)mo 95	105	48	12/01/93
13	tc 97 (n,h)	)nb 95	106	46	12/01/93
14	tc 97 (n,a)	)nb 94	107	81	12/01/93
15	tc 97 (n,2p)	)nb 96	111	44	12/01/93
16	tc 97 (n,n*)	)tc 97m	304	42	12/01/93
17	tc 97 (n,2n*)	)tc 96m	316	24	12/01/93
18	tc 97 (n,3n*)	)tc 95m	317	13	12/01/93
19	tc 97 (n,na*)	)nb 93m	322	60	12/01/93
20	tc 97 (n,nh*)	)nb 94m	334	6	12/01/93
21	tc 97 (n,h*)	)nb 95m	406	46	12/01/93
22	tc 97 (n,a*)	)nb 94m	407	81	12/01/93

1	tc 97m(n,n)	)tc 97	4	42	12/01/93
2	tc 97m(n,2n)	)tc 96	16	24	12/01/93
3	tc 97m(n,3n)	)tc 95	17	13	12/01/93
4	tc 97m(n,na)	)nb 93	22	60	12/01/93
5	tc 97m(n,np)	)mo 96	28	41	12/01/93
6	tc 97m(n,nd)	)mo 95	32	18	12/01/93
7	tc 97m(n,nt)	)mo 94	33	16	12/01/93
8	tc 97m(n,nh)	)nb 94	34	6	12/01/93
9	tc 97m(n,g)	)tc 98	102	402	12/01/93
10	tc 97m(n,p)	)mo 97	103	75	12/01/93
11	tc 97m(n,d)	)mo 96	104	56	12/01/93
12	tc 97m(n,t)	)mo 95	105	45	12/01/93
13	tc 97m(n,h)	)nb 95	106	46	12/01/93
14	tc 97m(n,a)	)nb 94	107	81	12/01/93
15	tc 97m(n,2p)	)nb 96	111	44	12/01/93
16	tc 97m(n,2n*)	)tc 96m	316	24	12/01/93
17	tc 97m(n,3n*)	)tc 95m	317	13	12/01/93
18	tc 97m(n,na*)	)nb 93m	322	60	12/01/93
19	tc 97m(n,nh*)	)nb 94m	334	6	12/01/93
20	tc 97m(n,h*)	)nb 95m	406	46	12/01/93
21	tc 97m(n,a*)	)nb 94m	407	81	12/01/93

#	target	product	mt	# engeries	date
1	tc 98 (n,2n)	)tc 97	16	28	12/01/93
2	tc 98 (n,3n)	)tc 96	17	18	12/01/93
3	tc 98 (n,na)	)nb 94	22	61	12/01/93
4	tc 98 (n,np)	)mo 97	28	36	12/01/93
5	tc 98 (n,nd)	)mo 96	32	28	12/01/93
6	tc 98 (n,nt)	)mo 95	33	19	12/01/93
7	tc 98 (n,nh)	)nb 95	34	8	12/01/93
8	tc 98 (n,g)	)tc 99	102	400	12/01/93
9	tc 98 (n,p)	)mo 98	103	72	12/01/93
10	tc 98 (n,d)	)mo 97	104	57	12/01/93
11	tc 98 (n,t)	)mo 96	105	52	12/01/93
12	tc 98 (n,h)	)nb 96	106	45	12/01/93
13	tc 98 (n,a)	)nb 95	107	79	12/01/93
14	tc 98 (n,2p)	)nb 97	111	45	12/01/93
15	tc 98 (n,2n*)	)tc 97m	316	28	12/01/93
16	tc 98 (n,3n*)	)tc 96m	317	18	12/01/93
17	tc 98 (n,na*)	)nb 94m	322	61	12/01/93

#	target	product	mt	# engeries	date
18	tc 98 (n,nh*)	)nb 95m	334	8	12/01/93
19	tc 98 (n,g*)	)tc 99m	402	400	12/01/93
20	tc 98 (n,a*)	)nb 95m	407	79	12/01/93
21	tc 98 (n,2p*)	)nb 97m	411	41	12/01/93
1	tc 99 (n,n)	)tc 99	4	1	12/01/93
2	tc 99 (n,2n)	)tc 98	16	26	12/01/93
3	tc 99 (n,3n)	)tc 97	17	19	12/01/93
4	tc 99 (n,na)	)nb 95	22	62	12/01/93
5	tc 99 (n,np)	)mo 98	28	41	12/01/93
6	tc 99 (n,nd)	)mo 97	32	17	12/01/93
7	tc 99 (n,nt)	)mo 96	33	21	12/01/93
8	tc 99 (n,g)	)tc100	102	1264	12/01/93
9	tc 99 (n,p)	)mo 99	103	73	12/01/93
10	tc 99 (n,d)	)mo 98	104	55	12/01/93
11	tc 99 (n,t)	)mo 97	105	47	12/01/93
12	tc 99 (n,h)	)nb 97	106	41	12/01/93
13	tc 99 (n,a)	)nb 96	107	82	12/01/93
14	tc 99 (n,2p)	)nb 98	111	38	12/01/93
15	tc 99 (n,n*)	)tc 99m	304	39	12/01/93
16	tc 99 (n,3n*)	)tc 97m	317	18	12/01/93
17	tc 99 (n,na*)	)nb 95m	322	58	12/01/93
18	tc 99 (n,h*)	)nb 97m	406	41	12/01/93
19	tc 99 (n,2p*)	)nb 98m	411	38	12/01/93

#	target	product	mt	# engeries	date
1	ru 96 (n,2n)	)ru 95	16	23	12/01/93
2	ru 96 (n,3n)	)ru 94	17	2	12/01/93
3	ru 96 (n,na)	)mo 92	22	70	12/01/93
4	ru 96 (n,np)	)tc 95	28	36	12/01/93
5	ru 96 (n,nd)	)tc 94	32	13	12/01/93
6	ru 96 (n,nt)	)tc 93	33	8	12/01/93
7	ru 96 (n,nh)	)mo 93	34	9	12/01/93
8	ru 96 (n,g)	)ru 97	102	425	12/01/93
9	ru 96 (n,p)	)tc 96	103	79	12/01/93
10	ru 96 (n,d)	)tc 95	104	51	12/01/93
11	ru 96 (n,t)	)tc 94	105	43	12/01/93
12	ru 96 (n,h)	)mo 94	106	57	12/01/93
13	ru 96 (n,a)	)mo 93	107	79	12/01/93
14	ru 96 (n,2p)	)mo 95	111	52	12/01/93
15	ru 96 (n,np*)	)tc 95m	328	36	12/01/93
16	ru 96 (n,nd*)	)tc 94m	332	13	12/01/93
17	ru 96 (n,nh*)	)mo 93m	334	9	12/01/93
18	ru 96 (n,p*)	)tc 96m	403	79	12/01/93
19	ru 96 (n,d*)	)tc 95m	404	51	12/01/93
20	ru 96 (n,t*)	)tc 94m	405	43	12/01/93
21	ru 96 (n,a*)	)mo 93m	407	79	12/01/93

1	ru 97 (n,2n)	)ru 96	16	22	12/01/93
2	ru 97 (n,3n)	)ru 95	17	8	12/01/93
3	ru 97 (n,na)	)mo 93	22	67	12/01/93
4	ru 97 (n,np)	)tc 96	28	32	12/01/93
5	ru 97 (n,nd)	)tc 95	32	19	12/01/93
6	ru 97 (n,nt)	)tc 94	33	9	12/01/93
7	ru 97 (n,nh)	)mo 94	34	18	12/01/93
8	ru 97 (n,g)	)ru 98	102	392	12/01/93
9	ru 97 (n,p)	)tc 97	103	74	12/01/93
10	ru 97 (n,d)	)tc 96	104	51	12/01/93
11	ru 97 (n,t)	)tc 95	105	46	12/01/93
12	ru 97 (n,h)	)mo 95	106	55	12/01/93
13	ru 97 (n,a)	)mo 94	107	76	12/01/93
14	ru 97 (n,2p)	)mo 96	111	58	12/01/93
15	ru 97 (n,na*)	)mo 93m	322	49	12/01/93
16	ru 97 (n,np*)	)tc 96m	328	32	12/01/93
17	ru 97 (n,nd*)	)tc 95m	332	19	12/01/93
18	ru 97 (n,nt*)	)tc 94m	333	9	12/01/93
19	ru 97 (n,p*)	)tc 97m	403	74	12/01/93
20	ru 97 (n,d*)	)tc 96m	404	51	12/01/93
21	ru 97 (n,t*)	)tc 95m	405	46	12/01/93

#	target	product	mt	# engeries	date
1	ru 98 (n,2n)	)ru 97	16	25	12/01/93
2	ru 98 (n,3n)	)ru 96	17	11	12/01/93
3	ru 98 (n,na)	)mo 94	22	68	12/01/93
4	ru 98 (n,np)	)tc 97	28	33	12/01/93
5	ru 98 (n,nd)	)tc 96	32	12	12/01/93
6	ru 98 (n,nt)	)tc 95	33	9	12/01/93
7	ru 98 (n,nh)	)mo 95	34	6	12/01/93
8	ru 98 (n,g)	)ru 99	102	432	12/01/93
9	ru 98 (n,p)	)tc 98	103	68	12/01/93
10	ru 98 (n,d)	)tc 97	104	49	12/01/93
11	ru 98 (n,t)	)tc 96	105	41	12/01/93
12	ru 98 (n,h)	)mo 96	106	50	12/01/93
13	ru 98 (n,a)	)mo 95	107	80	12/01/93
14	ru 98 (n,2p)	)mo 97	111	44	12/01/93
15	ru 98 (n,np*)	)tc 97m	328	33	12/01/93
16	ru 98 (n,nd*)	)tc 96m	332	12	12/01/93
17	ru 98 (n,nt*)	)tc 95m	333	9	12/01/93
18	ru 98 (n,d*)	)tc 97m	404	49	12/01/93
19	ru 98 (n,t*)	)tc 96m	405	41	12/01/93

1	ru 99 (n,2n)	)ru 98	16	23	12/01/93
2	ru 99 (n,3n)	)ru 97	17	15	12/01/93
3	ru 99 (n,na)	)mo 95	22	65	12/01/93
4	ru 99 (n,np)	)tc 98	28	29	12/01/93
5	ru 99 (n,nd)	)tc 97	32	20	12/01/93
6	ru 99 (n,nt)	)tc 96	33	10	12/01/93
7	ru 99 (n,nh)	)mo 96	34	10	12/01/93
8	ru 99 (n,g)	)ru100	102	7248	12/01/93
9	ru 99 (n,p)	)tc 99	103	79	12/01/93
10	ru 99 (n,d)	)tc 98	104	48	12/01/93
11	ru 99 (n,t)	)tc 97	105	46	12/01/93
12	ru 99 (n,h)	)mo 97	106	48	12/01/93
13	ru 99 (n,a)	)mo 96	107	80	12/01/93
14	ru 99 (n,2p)	)mo 98	111	50	12/01/93
15	ru 99 (n,nd*)	)tc 97m	332	20	12/01/93
16	ru 99 (n,nt*)	)tc 96m	333	10	12/01/93
17	ru 99 (n,p*)	)tc 99m	403	79	12/01/93
18	ru 99 (n,t*)	)tc 97m	405	46	12/01/93

#	target	product	mt	# engeries	date
1	ru100 (n,2n)	)ru 99	16	26	12/01/93
2	ru100 (n,3n)	)ru 98	17	17	12/01/93
3	ru100 (n,na)	)mo 96	22	64	12/01/93
4	ru100 (n,np)	)tc 99	28	30	12/01/93
5	ru100 (n,nd)	)tc 98	32	11	12/01/93
6	ru100 (n,nt)	)tc 97	33	9	12/01/93
7	ru100 (n,g)	)ru101	102	713	12/01/93
8	ru100 (n,p)	)tc100	103	62	12/01/93
9	ru100 (n,d)	)tc 99	104	46	12/01/93
10	ru100 (n,t)	)tc 98	105	39	12/01/93
11	ru100 (n,h)	)mo 98	106	43	12/01/93
12	ru100 (n,a)	)mo 97	107	82	12/01/93
13	ru100 (n,2p)	)mo 99	111	39	12/01/93
14	ru100 (n,np*)	)tc 99m	328	30	12/01/93
15	ru100 (n,nt*)	)tc 97m	333	9	12/01/93
16	ru100 (n,d*)	)tc 99m	404	46	12/01/93

1	ru101 (n,2n)	)ru100	16	31	12/01/93
2	ru101 (n,3n)	)ru 99	17	16	12/01/93
3	ru101 (n,na)	)mo 97	22	62	12/01/93
4	ru101 (n,np)	)tc100	28	28	12/01/93
5	ru101 (n,nd)	)tc 99	32	21	12/01/93
6	ru101 (n,nt)	)tc 98	33	10	12/01/93
7	ru101 (n,nh)	)mo 98	34	7	12/01/93
8	ru101 (n,g)	)ru102	102	2062	12/01/93
9	ru101 (n,p)	)tc101	103	72	12/01/93
10	ru101 (n,d)	)tc100	104	45	12/01/93
11	ru101 (n,t)	)tc 99	105	44	12/01/93
12	ru101 (n,h)	)mo 99	106	39	12/01/93
13	ru101 (n,a)	)mo 98	107	79	12/01/93
14	ru101 (n,2p)	)mo100	111	43	12/01/93
15	ru101 (n,nd*)	)tc 99m	332	19	12/01/93
16	ru101 (n,t*)	)tc 99m	405	44	12/01/93

#	target	product	mt	# engeries	date
1	ru102 (n,2n)	)ru101	16	29	12/01/93
2	ru102 (n,3n)	)ru100	17	17	12/01/93
3	ru102 (n,na)	)mo 98	22	61	12/01/93
4	ru102 (n,np)	)tc101	28	28	12/01/93
5	ru102 (n,nd)	)tc100	32	11	12/01/93
6	ru102 (n,nt)	)tc 99	33	10	12/01/93
7	ru102 (n,g)	)ru103	102	1317	12/01/93
8	ru102 (n,p)	)tc102	103	53	12/01/93
9	ru102 (n,d)	)tc101	104	44	12/01/93
10	ru102 (n,t)	)tc100	105	38	12/01/93
11	ru102 (n,h)	)mo100	106	35	12/01/93
12	ru102 (n,a)	)mo 99	107	84	12/01/93
13	ru102 (n,2p)	)mo101	111	31	12/01/93
14	ru102 (n,nt*)	)tc 99m	333	8	12/01/93
15	ru102 (n,p*)	)tc102m	403	50	12/01/93

#	target	product	mt	# engeries	date
1	ru103 (n,2n)	)ru102	16	31	12/01/93
2	ru103 (n,3n)	)ru101	17	18	12/01/93
3	ru103 (n,na)	)mo 99	22	53	12/01/93
4	ru103 (n,np)	)tc102	28	23	12/01/93
5	ru103 (n,nd)	)tc101	32	20	12/01/93
6	ru103 (n,nt)	)tc100	33	11	12/01/93
7	ru103 (n,g)	)ru104	102	1950	12/01/93
8	ru103 (n,p)	)tc103	103	65	12/01/93
9	ru103 (n,d)	)tc102	104	42	12/01/93
10	ru103 (n,t)	)tc101	105	44	12/01/93
11	ru103 (n,h)	)mo101	106	31	12/01/93
12	ru103 (n,a)	)mo100	107	79	12/01/93
13	ru103 (n,2p)	)mo102	111	37	12/01/93
14	ru103 (n,np*)	)tc102m	328	23	12/01/93
15	ru103 (n,d*)	)tc102m	404	40	12/01/93

1	ru104 (n,2n)	)ru103	16	34	12/01/93
2	ru104 (n,3n)	)ru102	17	21	12/01/93
3	ru104 (n,na)	)mo100	22	58	12/01/93
4	ru104 (n,np)	)tc103	28	27	12/01/93
5	ru104 (n,nd)	)tc102	32	10	12/01/93
6	ru104 (n,nt)	)tc101	33	10	12/01/93
7	ru104 (n,g)	)ru105	102	2948	12/01/93
8	ru104 (n,p)	)tc104	103	49	12/01/93
9	ru104 (n,d)	)tc103	104	44	12/01/93
10	ru104 (n,t)	)tc102	105	36	12/01/93
11	ru104 (n,h)	)mo102	106	29	12/01/93
12	ru104 (n,a)	)mo101	107	79	12/01/93
13	ru104 (n,2p)	)mo103	111	25	12/01/93
14	ru104 (n,nd*)	)tc102m	332	8	12/01/93
15	ru104 (n,t*)	)tc102m	405	35	12/01/93

1	ru105 (n,2n)	)ru104	16	36	12/01/93
2	ru105 (n,3n)	)ru103	17	19	12/01/93
3	ru105 (n,na)	)mo101	22	51	12/01/93
4	ru105 (n,np)	)tc104	28	21	12/01/93
5	ru105 (n,nd)	)tc103	32	20	12/01/93
6	ru105 (n,nt)	)tc102	33	11	12/01/93
7	ru105 (n,g)	)ru106	102	335	12/01/93
8	ru105 (n,p)	)tc105	103	61	12/01/93
9	ru105 (n,d)	)tc104	104	42	12/01/93
10	ru105 (n,t)	)tc103	105	44	12/01/93
11	ru105 (n,h)	)mo103	106	25	12/01/93
12	ru105 (n,a)	)mo102	107	83	12/01/93
13	ru105 (n,2p)	)mo104	111	31	12/01/93
14	ru105 (n,nt*)	)tc102m	333	9	12/01/93

#	target	product	mt	# engeries	date
1	ru106 (n,2n	)ru105	16	29	12/01/93
2	ru106 (n,3n	)ru104	17	19	12/01/93
3	ru106 (n,na	)mo102	22	55	12/01/93
4	ru106 (n,np	)tc105	28	28	12/01/93
5	ru106 (n,nd	)tc104	32	10	12/01/93
6	ru106 (n,nt	)tc103	33	10	12/01/93
7	ru106 (n,g	)ru107	102	369	12/01/93
8	ru106 (n,p	)tc106	103	47	12/01/93
9	ru106 (n,d	)tc105	104	42	12/01/93
10	ru106 (n,t	)tc104	105	35	12/01/93
11	ru106 (n,h	)mo104	106	23	12/01/93
12	ru106 (n,a	)mo103	107	68	12/01/93
13	ru106 (n,2p	)mo105	111	19	12/01/93

1	rh 99 (n,n	)rh 99	4	1	12/01/93
2	rh 99 (n,2n	)rh 98	16	20	12/01/93
3	rh 99 (n,3n	)rh 97	17	7	12/01/93
4	rh 99 (n,na	)tc 95	22	71	12/01/93
5	rh 99 (n,np	)ru 98	28	47	12/01/93
6	rh 99 (n,nd	)ru 97	32	18	12/01/93
7	rh 99 (n,nt	)ru 96	33	14	12/01/93
8	rh 99 (n,nh	)tc 96	34	7	12/01/93
9	rh 99 (n,g	)rh100	102	400	12/01/93
10	rh 99 (n,p	)ru 99	103	73	12/01/93
11	rh 99 (n,d	)ru 98	104	67	12/01/93
12	rh 99 (n,t	)ru 97	105	49	12/01/93
13	rh 99 (n,h	)tc 97	106	53	12/01/93
14	rh 99 (n,a	)tc 96	107	76	12/01/93
15	rh 99 (n,2p	)tc 98	111	52	12/01/93
16	rh 99 (n,n*	)rh 99m	304	47	12/01/93
17	rh 99 (n,2n*	)rh 98m	316	20	12/01/93
18	rh 99 (n,na*	)tc 95m	322	71	12/01/93
19	rh 99 (n,nh*	)tc 96m	334	7	12/01/93
20	rh 99 (n,g*	)rh100m	402	400	12/01/93
21	rh 99 (n,h*	)tc 97m	406	53	12/01/93
22	rh 99 (n,a*	)tc 96m	407	76	12/01/93

#	target	product	mt	# engeries	date
1	rh 99m(n,n	)rh 99	4	47	12/01/93
2	rh 99m(n,2n	)rh 98	16	20	12/01/93
3	rh 99m(n,3n	)rh 97	17	7	12/01/93
4	rh 99m(n,na	)tc 95	22	65	12/01/93
5	rh 99m(n,np	)ru 98	28	47	12/01/93
6	rh 99m(n,nd	)ru 97	32	18	12/01/93
7	rh 99m(n,nt	)ru 96	33	14	12/01/93
8	rh 99m(n,g	)rh100	102	400	12/01/93
9	rh 99m(n,p	)ru 99	103	73	12/01/93
10	rh 99m(n,d	)ru 98	104	67	12/01/93
11	rh 99m(n,t	)ru 97	105	49	12/01/93
12	rh 99m(n,h	)tc 97	106	53	12/01/93
13	rh 99m(n,a	)tc 96	107	76	12/01/93
14	rh 99m(n,2p	)tc 98	111	52	12/01/93
15	rh 99m(n,2n*	)rh 98m	316	20	12/01/93
16	rh 99m(n,na*	)tc 95m	322	65	12/01/93
17	rh 99m(n,g*	)rh100m	402	400	12/01/93
18	rh 99m(n,h*	)tc 97m	406	53	12/01/93
19	rh 99m(n,a*	)tc 96m	407	76	12/01/93

1	rh101 (n,n	)rh101	4	1	12/01/93
2	rh101 (n,2n	)rh100	16	28	12/01/93
3	rh101 (n,3n	)rh 99	17	11	12/01/93
4	rh101 (n,na	)tc 97	22	66	12/01/93
5	rh101 (n,np	)ru100	28	42	12/01/93
6	rh101 (n,nd	)ru 99	32	17	12/01/93
7	rh101 (n,nt	)ru 98	33	15	12/01/93
8	rh101 (n,g	)rh102	102	403	12/01/93
9	rh101 (n,p	)ru101	103	77	12/01/93
10	rh101 (n,d	)ru100	104	60	12/01/93
11	rh101 (n,t	)ru 99	105	48	12/01/93
12	rh101 (n,h	)tc 99	106	47	12/01/93
13	rh101 (n,a	)tc 98	107	80	12/01/93
14	rh101 (n,2p	)tc100	111	46	12/01/93
15	rh101 (n,n*	)rh101m	304	47	12/01/93

#	target	product	mt	# engeries	date
16	rh101 (n,2n*	)rh100m	316	24	12/01/93
17	rh101 (n,3n*	)rh 99m	317	11	12/01/93
18	rh101 (n,na*	)tc 97m	322	65	12/01/93
19	rh101 (n,g*	)rh102m	402	403	12/01/93
20	rh101 (n,h*	)tc 99m	406	47	12/01/93

#	target	product	mt	# engeries	date
1	rh101m(n,n	)rh101	4	50	12/01/93
2	rh101m(n,2n	)rh100	16	24	12/01/93
3	rh101m(n,3n	)rh 99	17	11	12/01/93
4	rh101m(n,na	)tc 97	22	66	12/01/93
5	rh101m(n,np	)ru100	28	42	12/01/93
6	rh101m(n,nd	)ru 99	32	17	12/01/93
7	rh101m(n,nt	)ru 98	33	15	12/01/93
8	rh101m(n,g	)rh102	102	403	12/01/93
9	rh101m(n,p	)ru101	103	77	12/01/93
10	rh101m(n,d	)ru100	104	60	12/01/93
11	rh101m(n,t	)ru 99	105	48	12/01/93
12	rh101m(n,h	)tc 99	106	47	12/01/93
13	rh101m(n,a	)tc 98	107	80	12/01/93
14	rh101m(n,2p	)tc100	111	43	12/01/93
15	rh101m(n,2n*	)rh100m	316	24	12/01/93
16	rh101m(n,3n*	)rh 99m	317	11	12/01/93
17	rh101m(n,na*	)tc 97m	322	65	12/01/93
18	rh101m(n,g*	)rh102m	402	403	12/01/93
19	rh101m(n,h*	)tc 99m	406	47	12/01/93

1	rh102 (n,2n	)rh101	16	22	12/01/93
2	rh102 (n,3n	)rh100	17	15	12/01/93
3	rh102 (n,na	)tc 98	22	63	12/01/93
4	rh102 (n,np	)ru101	28	35	12/01/93
5	rh102 (n,nd	)ru100	32	29	12/01/93
6	rh102 (n,nt	)ru 99	33	15	12/01/93
7	rh102 (n,nh	)tc 99	34	7	12/01/93
8	rh102 (n,g	)rh103	102	399	12/01/93
9	rh102 (n,p	)ru102	103	73	12/01/93
10	rh102 (n,d	)ru101	104	57	12/01/93
11	rh102 (n,t	)ru100	105	55	12/01/93
12	rh102 (n,h	)tc100	106	43	12/01/93
13	rh102 (n,a	)tc 99	107	79	12/01/93
14	rh102 (n,2p	)tc101	111	46	12/01/93
15	rh102 (n,2n*	)rh101m	316	22	12/01/93
16	rh102 (n,3n*	)rh100m	317	13	12/01/93
17	rh102 (n,nh*	)tc 99m	334	7	12/01/93
18	rh102 (n,g*	)rh103m	402	399	12/01/93
19	rh102 (n,a*	)tc 99m	407	79	12/01/93

#	target	product	mt	# engeries	date
1	rh102m(n,n	)rh102	4	1	12/01/93
2	rh102m(n,2n	)rh101	16	22	12/01/93
3	rh102m(n,3n	)rh100	17	12	12/01/93
4	rh102m(n,na	)tc 98	22	63	12/01/93
5	rh102m(n,np	)ru101	28	35	12/01/93
6	rh102m(n,nd	)ru100	32	29	12/01/93
7	rh102m(n,nt	)ru 99	33	15	12/01/93
8	rh102m(n,nh	)tc 99	34	7	12/01/93
9	rh102m(n,g	)rh103	102	399	12/01/93
10	rh102m(n,p	)ru102	103	73	12/01/93
11	rh102m(n,d	)ru101	104	57	12/01/93
12	rh102m(n,t	)ru100	105	51	12/01/93
13	rh102m(n,h	)tc100	106	43	12/01/93
14	rh102m(n,a	)tc 99	107	79	12/01/93
15	rh102m(n,2p	)tc101	111	46	12/01/93
16	rh102m(n,n*	)rh102m	304	50	12/01/93
17	rh102m(n,2n*	)rh101m	316	22	12/01/93
18	rh102m(n,3n*	)rh100m	317	13	12/01/93
19	rh102m(n,nh*	)tc 99m	334	7	12/01/93
20	rh102m(n,g*	)rh103m	402	399	12/01/93
21	rh102m(n,a*	)tc 99m	407	79	12/01/93

#	target	product	mt	# engeries	date
1	rh103 (n,n)	)rh103	4	1	12/01/93
2	rh103 (n,2n)	)rh102	16	29	12/01/93
3	rh103 (n,3n)	)rh101	17	17	12/01/93
4	rh103 (n,na)	)tc 99	22	61	12/01/93
5	rh103 (n,np)	)ru102	28	42	12/01/93
6	rh103 (n,nd)	)ru101	32	17	12/01/93
7	rh103 (n,nt)	)ru100	33	16	12/01/93
8	rh103 (n,g)	)rh104	102	1269	12/01/93
9	rh103 (n,p)	)ru103	103	79	12/01/93
10	rh103 (n,d)	)ru102	104	56	12/01/93
11	rh103 (n,t)	)ru101	105	45	12/01/93
12	rh103 (n,h)	)tc101	106	39	12/01/93
13	rh103 (n,a)	)tc100	107	81	12/01/93
14	rh103 (n,2p)	)tc102	111	38	12/01/93
15	rh103 (n,n*)	)rh103m	304	48	12/01/93
16	rh103 (n,2n*)	)rh102m	316	29	12/01/93
17	rh103 (n,3n*)	)rh101m	317	13	12/01/93
18	rh103 (n,na*)	)tc 99m	322	61	12/01/93
19	rh103 (n,g*)	)rh104m	402	1269	12/01/93
20	rh103 (n,2p*)	)tc102m	411	38	12/01/93

#	target	product	mt	# engeries	date
1	rh105 (n,n)	)rh105	4	1	12/01/93
2	rh105 (n,2n)	)rh104	16	26	12/01/93
3	rh105 (n,3n)	)rh103	17	17	12/01/93
4	rh105 (n,na)	)tc101	22	60	12/01/93
5	rh105 (n,np)	)ru104	28	39	12/01/93
6	rh105 (n,nd)	)ru103	32	16	12/01/93
7	rh105 (n,nt)	)ru102	33	18	12/01/93
8	rh105 (n,g)	)rh106	102	447	12/01/93
9	rh105 (n,p)	)ru105	103	67	12/01/93
10	rh105 (n,d)	)ru104	104	54	12/01/93
11	rh105 (n,t)	)ru103	105	45	12/01/93
12	rh105 (n,h)	)tc103	106	33	12/01/93
13	rh105 (n,a)	)tc102	107	82	12/01/93
14	rh105 (n,2p)	)tc104	111	33	12/01/93
15	rh105 (n,n*)	)rh105m	304	46	12/01/93
16	rh105 (n,2n*)	)rh104m	316	26	12/01/93
17	rh105 (n,3n*)	)rh103m	317	17	12/01/93
18	rh105 (n,g*)	)rh106m	402	443	12/01/93
19	rh105 (n,a*)	)tc102m	407	82	12/01/93

1	pd100 (n,2n)	)pd 99	16	23	12/01/93
2	pd100 (n,na)	)ru 96	22	72	12/01/93
3	pd100 (n,np)	)rh 99	28	38	12/01/93
4	pd100 (n,nd)	)rh 98	32	13	12/01/93
5	pd100 (n,nt)	)rh 97	33	8	12/01/93
6	pd100 (n,nh)	)ru 97	34	8	12/01/93
7	pd100 (n,g)	)pd101	102	390	12/01/93
8	pd100 (n,p)	)rh100	103	78	12/01/93
9	pd100 (n,d)	)rh 99	104	55	12/01/93
10	pd100 (n,t)	)rh 98	105	41	12/01/93
11	pd100 (n,h)	)ru 98	106	59	12/01/93
12	pd100 (n,a)	)ru 97	107	79	12/01/93
13	pd100 (n,2p)	)ru 99	111	55	12/01/93
14	pd100 (n,np*)	)rh 99m	328	38	12/01/93
15	pd100 (n,nd*)	)rh 98m	332	13	12/01/93
16	pd100 (n,p*)	)rh100m	403	78	12/01/93
17	pd100 (n,d*)	)rh 99m	404	55	12/01/93
18	pd100 (n,t*)	)rh 98m	405	41	12/01/93

#	target	product	mt	# engeries	date
1	pd101 (n,2n)	)pd100	16	26	12/01/93
2	pd101 (n,3n)	)pd 99	17	8	12/01/93
3	pd101 (n,na)	)ru 97	22	66	12/01/93
4	pd101 (n,np)	)rh100	28	30	12/01/93
5	pd101 (n,nd)	)rh 99	32	17	12/01/93
6	pd101 (n,nt)	)rh 98	33	9	12/01/93
7	pd101 (n,nh)	)ru 98	34	18	12/01/93
8	pd101 (n,g)	)pd102	102	394	12/01/93
9	pd101 (n,p)	)rh101	103	74	12/01/93
10	pd101 (n,d)	)rh100	104	51	12/01/93

#	target	product	mt	# engeries	date
11	pd101 (n,t	)rh 99	105	49	12/01/93
12	pd101 (n,h	)ru 99	106	55	12/01/93
13	pd101 (n,a	)ru 98	107	76	12/01/93
14	pd101 (n,2p	)ru100	111	61	12/01/93
15	pd101 (n,np*	)rh100m	328	28	12/01/93
16	pd101 (n,nd*	)rh 99m	332	17	12/01/93
17	pd101 (n,nt*	)rh 98m	333	9	12/01/93
18	pd101 (n,p*	)rh101m	403	74	12/01/93
19	pd101 (n,d*	)rh100m	404	50	12/01/93
20	pd101 (n,t*	)rh 99m	405	49	12/01/93

1	pd102 (n,2n	)pd101	16	22	12/01/93
2	pd102 (n,3n	)pd100	17	6	12/01/93
3	pd102 (n,na	)ru 98	22	69	12/01/93
4	pd102 (n,np	)rh101	28	37	12/01/93
5	pd102 (n,nd	)rh100	32	12	12/01/93
6	pd102 (n,nt	)rh 99	33	8	12/01/93
7	pd102 (n,nh	)ru 99	34	4	12/01/93
8	pd102 (n,s	)pd103	102	766	12/01/93
9	pd102 (n,p	)rh102	103	80	12/01/93
10	pd102 (n,d	)rh101	104	50	12/01/93
11	pd102 (n,t	)rh100	105	41	12/01/93
12	pd102 (n,h	)ru100	106	52	12/01/93
13	pd102 (n,a	)ru 99	107	82	12/01/93
14	pd102 (n,2p	)ru101	111	45	12/01/93
15	pd102 (n,np*	)rh101m	328	35	12/01/93
16	pd102 (n,nd*	)rh100m	332	12	12/01/93
17	pd102 (n,nt*	)rh 99m	333	8	12/01/93
18	pd102 (n,p*	)rh102m	403	80	12/01/93
19	pd102 (n,d*	)rh101m	404	50	12/01/93
20	pd102 (n,t*	)rh100m	405	39	12/01/93

#	target	product	mt	# engeries	date
1	pd103 (n,2n	)pd102	16	24	12/01/93
2	pd103 (n,3n	)pd101	17	13	12/01/93
3	pd103 (n,na	)ru 99	22	64	12/01/93
4	pd103 (n,np	)rh102	28	31	12/01/93
5	pd103 (n,nd	)rh101	32	21	12/01/93
6	pd103 (n,nt	)rh100	33	9	12/01/93
7	pd103 (n,nh	)ru100	34	11	12/01/93
8	pd103 (n,s	)pd104	102	389	12/01/93
9	pd103 (n,p	)rh103	103	78	12/01/93
10	pd103 (n,d	)rh102	104	49	12/01/93
11	pd103 (n,t	)rh101	105	47	12/01/93
12	pd103 (n,h	)ru101	106	48	12/01/93
13	pd103 (n,a	)ru100	107	78	12/01/93
14	pd103 (n,2p	)ru102	111	50	12/01/93
15	pd103 (n,np*	)rh102m	328	31	12/01/93
16	pd103 (n,nd*	)rh101m	332	21	12/01/93
17	pd103 (n,nt*	)rh100m	333	8	12/01/93
18	pd103 (n,p*	)rh103m	403	78	12/01/93
19	pd103 (n,d*	)rh102m	404	49	12/01/93
20	pd103 (n,t*	)rh101m	405	47	12/01/93

1	pd104 (n,2n	)pd103	16	24	12/01/93
2	pd104 (n,3n	)pd102	17	15	12/01/93
3	pd104 (n,na	)ru100	22	65	12/01/93
4	pd104 (n,np	)rh103	28	36	12/01/93
5	pd104 (n,nd	)rh102	32	12	12/01/93
6	pd104 (n,nt	)rh101	33	9	12/01/93
7	pd104 (n,s	)pd105	102	5967	12/01/93
8	pd104 (n,p	)rh104	103	66	12/01/93
9	pd104 (n,d	)rh103	104	47	12/01/93
10	pd104 (n,t	)rh102	105	40	12/01/93
11	pd104 (n,h	)ru102	106	45	12/01/93
12	pd104 (n,a	)ru101	107	82	12/01/93
13	pd104 (n,2p	)ru103	111	39	12/01/93
14	pd104 (n,np*	)rh103m	328	36	12/01/93
15	pd104 (n,nd*	)rh102m	332	12	12/01/93
16	pd104 (n,nt*	)rh101m	333	9	12/01/93
17	pd104 (n,p*	)rh104m	403	66	12/01/93
18	pd104 (n,d*	)rh103m	404	48	12/01/93
19	pd104 (n,t*	)rh102m	405	40	12/01/93

#	target	product	mt	# engeries	date
1	pd105 (n,2n)	)pd104	16	26	12/01/93
2	pd105 (n,3n)	)pd103	17	17	12/01/93
3	pd105 (n,na)	)ru101	22	62	12/01/93
4	pd105 (n,np)	)rh104	28	28	12/01/93
5	pd105 (n,nd)	)rh103	32	20	12/01/93
6	pd105 (n,nt)	)rh102	33	10	12/01/93
7	pd105 (n,nh)	)ru102	34	7	12/01/93
8	pd105 (n,g)	)pd106	102	1282	12/01/93
9	pd105 (n,p)	)rh105	103	79	12/01/93
10	pd105 (n,d)	)rh104	104	47	12/01/93
11	pd105 (n,t)	)rh103	105	46	12/01/93
12	pd105 (n,h)	)ru103	106	41	12/01/93
13	pd105 (n,a)	)ru102	107	81	12/01/93
14	pd105 (n,2p)	)ru104	111	43	12/01/93
15	pd105 (n,np*)	)rh104m	328	28	12/01/93
16	pd105 (n,nd*)	)rh103m	332	20	12/01/93
17	pd105 (n,nt*)	)rh102m	333	10	12/01/93
18	pd105 (n,p*)	)rh105m	403	80	12/01/93
19	pd105 (n,d*)	)rh104m	404	47	12/01/93
20	pd105 (n,t*)	)rh103m	405	46	12/01/93

1	pd106 (n,2n)	)pd105	16	24	12/01/93
2	pd106 (n,3n)	)pd104	17	18	12/01/93
3	pd106 (n,na)	)ru102	22	64	12/01/93
4	pd106 (n,np)	)rh105	28	34	12/01/93
5	pd106 (n,nd)	)rh104	32	11	12/01/93
6	pd106 (n,nt)	)rh103	33	10	12/01/93
7	pd106 (n,g)	)pd107	102	6309	12/01/93
8	pd106 (n,p)	)rh106	103	60	12/01/93
9	pd106 (n,d)	)rh105	104	47	12/01/93
10	pd106 (n,t)	)rh104	105	39	12/01/93
11	pd106 (n,h)	)ru104	106	37	12/01/93
12	pd106 (n,a)	)ru103	107	84	12/01/93
13	pd106 (n,2p)	)ru105	111	34	12/01/93
14	pd106 (n,np*)	)rh105m	328	32	12/01/93
15	pd106 (n,nd*)	)rh104m	332	11	12/01/93
16	pd106 (n,nt*)	)rh103m	333	8	12/01/93
17	pd106 (n,g*)	)pd107m	402	6313	12/01/93
18	pd106 (n,p*)	)rh106m	403	61	12/01/93
19	pd106 (n,d*)	)rh105m	404	46	12/01/93
20	pd106 (n,t*)	)rh104m	405	37	12/01/93

#	target	product	mt	# engeries	date
1	pd107 (n,n)	)pd107	4	1	12/01/93
2	pd107 (n,2n)	)pd106	16	26	12/01/93
3	pd107 (n,3n)	)pd105	17	19	12/01/93
4	pd107 (n,na)	)ru103	22	54	12/01/93
5	pd107 (n,np)	)rh106	28	26	12/01/93
6	pd107 (n,nd)	)rh105	32	22	12/01/93
7	pd107 (n,nt)	)rh104	33	10	12/01/93
8	pd107 (n,nh)	)ru104	34	4	12/01/93
9	pd107 (n,g)	)pd108	102	7056	12/01/93
10	pd107 (n,p)	)rh107	103	74	12/01/93
11	pd107 (n,d)	)rh106	104	45	12/01/93
12	pd107 (n,t)	)rh105	105	46	12/01/93
13	pd107 (n,h)	)ru105	106	35	12/01/93
14	pd107 (n,a)	)ru104	107	81	12/01/93
15	pd107 (n,2p)	)ru106	111	40	12/01/93
16	pd107 (n,np*)	)pd107m	304	52	12/01/93
17	pd107 (n,np*)	)rh106m	328	25	12/01/93
18	pd107 (n,nd*)	)rh105m	332	22	12/01/93
19	pd107 (n,nt*)	)rh104m	333	10	12/01/93
20	pd107 (n,d*)	)rh106m	404	45	12/01/93
21	pd107 (n,t*)	)rh105m	405	43	12/01/93

1	pd108 (n,2n)	)pd107	16	28	12/01/93
2	pd108 (n,3n)	)pd106	17	21	12/01/93
3	pd108 (n,na)	)ru104	22	59	12/01/93
4	pd108 (n,np)	)rh107	28	32	12/01/93
5	pd108 (n,nd)	)rh106	32	10	12/01/93
6	pd108 (n,nt)	)rh105	33	10	12/01/93
7	pd108 (n,g)	)pd109	102	5952	12/01/93
8	pd108 (n,p)	)rh108	103	56	12/01/93

#	target	product	mt	# engeries	date
9	pd108 (n,d)	)rh107	104	45	12/01/93
10	pd108 (n,t)	)rh106	105	38	12/01/93
11	pd108 (n,h)	)ru106	106	31	12/01/93
12	pd108 (n,a)	)ru105	107	78	12/01/93
13	pd108 (n,2p)	)ru107	111	30	12/01/93
14	pd108 (n,2n ⁺)	)pd107m	316	25	12/01/93
15	pd108 (n,nd ⁺)	)rh106m	332	9	12/01/93
16	pd108 (n,nt ⁺)	)rh105m	333	10	12/01/93
17	pd108 (n,g ⁺)	)pd109m	402	5954	12/01/93
18	pd108 (n,p ⁺)	)rh108m	403	56	12/01/93
19	pd108 (n,t ⁺)	)rh106m	405	38	12/01/93

#	target	product	mt	# engeries	date
1	pd109 (n,n)	)pd109	4	1	12/01/93
2	pd109 (n,2n)	)pd108	16	30	12/01/93
3	pd109 (n,3n)	)pd107	17	18	12/01/93
4	pd109 (n,na)	)ru105	22	52	12/01/93
5	pd109 (n,np)	)rh108	28	24	12/01/93
6	pd109 (n,nd)	)rh107	32	20	12/01/93
7	pd109 (n,nt)	)rh106	33	11	12/01/93
8	pd109 (n,g)	)pd110	102	392	12/01/93
9	pd109 (n,p)	)rh109	103	66	12/01/93
10	pd109 (n,d)	)rh108	104	44	12/01/93
11	pd109 (n,t)	)rh107	105	45	12/01/93
12	pd109 (n,h)	)ru107	106	29	12/01/93
13	pd109 (n,a)	)ru106	107	81	12/01/93
14	pd109 (n,2p)	)ru108	111	36	12/01/93
15	pd109 (n,n ⁺)	)pd109m	304	56	12/01/93
16	pd109 (n,3n ⁺)	)pd107m	317	18	12/01/93
17	pd109 (n,np ⁺)	)rh108m	328	22	12/01/93
18	pd109 (n,nt ⁺)	)rh106m	333	11	12/01/93
19	pd109 (n,d ⁺)	)rh108m	404	44	12/01/93

1	pd110 (n,2n)	)pd109	16	32	12/01/93
2	pd110 (n,3n)	)pd108	17	19	12/01/93
3	pd110 (n,na)	)ru106	22	58	12/01/93
4	pd110 (n,np)	)rh109	28	29	12/01/93
5	pd110 (n,nd)	)rh108	32	10	12/01/93
6	pd110 (n,nt)	)rh107	33	10	12/01/93
7	pd110 (n,g)	)pd111	102	3656	12/01/93
8	pd110 (n,p)	)rh110	103	52	12/01/93
9	pd110 (n,d)	)rh109	104	43	12/01/93
10	pd110 (n,t)	)rh108	105	38	12/01/93
11	pd110 (n,h)	)ru108	106	25	12/01/93
12	pd110 (n,a)	)ru107	107	71	12/01/93
13	pd110 (n,2p)	)ru109	111	25	12/01/93
14	pd110 (n,2n ⁺)	)pd109m	316	29	12/01/93
15	pd110 (n,nd ⁺)	)rh108m	332	10	12/01/93
16	pd110 (n,g ⁺)	)pd111m	402	3659	12/01/93
17	pd110 (n,p ⁺)	)rh110m	403	52	12/01/93
18	pd110 (n,t ⁺)	)rh108m	405	38	12/01/93
19	pd110 (n,2p ⁺)	)ru109m	411	25	12/01/93

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Appendix A-5

List of Reactions on files *.ag.te

#	target	product	ms	# energies	date
1	ag105 (n,n)	ag105	4	1	12/01/93
2	ag105 (n,2n)	ag104	16	23	12/01/93
3	ag105 (n,3n)	ag103	17	9	12/01/93
4	ag105 (n,na)	rh101	22	68	12/01/93
5	ag105 (n,np)	pd104	28	45	12/01/93
6	ag105 (n,nd)	pd103	32	18	12/01/93
7	ag105 (n,nt)	pd102	33	15	12/01/93
8	ag105 (n,rh)	rh102	34	4	12/01/93
9	ag105 (n,g)	ag106	102	406	12/01/93
10	ag105 (n,p)	pd105	103	73	12/01/93
11	ag105 (n,d)	pd104	104	64	12/01/93
12	ag105 (n,t)	pd103	105	48	12/01/93
13	ag105 (n,h)	rh103	106	48	12/01/93
14	ag105 (n,a)	rh102	107	80	12/01/93
15	ag105 (n,2p)	rh104	111	48	12/01/93
16	ag105 (n,n*)	ag105m	304	45	12/01/93
17	ag105 (n,2n*)	ag104m	316	23	12/01/93
18	ag105 (n,3n*)	ag103m	317	9	12/01/93
19	ag105 (n,na*)	rh101m	322	68	12/01/93
20	ag105 (n,rh*)	rh102m	334	4	12/01/93
21	ag105 (n,g*)	ag106m	402	406	12/01/93
22	ag105 (n,h*)	rh103m	406	48	12/01/93
23	ag105 (n,a*)	rh102m	407	80	12/01/93
24	ag105 (n,2p*)	rh104m	411	48	12/01/93

#	target	product	ms	# energies	date
1	ag106m(n,n)	ag106	4	47	12/01/93
2	ag106m(n,2n)	ag105	16	25	12/01/93
3	ag106m(n,3n)	ag104	17	11	12/01/93
4	ag106m(n,na)	rh102	22	64	12/01/93
5	ag106m(n,np)	pd105	28	34	12/01/93
6	ag106m(n,nd)	pd104	32	28	12/01/93
7	ag106m(n,nt)	pd103	33	14	12/01/93
8	ag106m(n,rh)	rh103	34	7	12/01/93
9	ag106m(n,g)	ag107	102	400	12/01/93
10	ag106m(n,p)	pd106	103	70	12/01/93
11	ag106m(n,d)	pd105	104	58	12/01/93
12	ag106m(n,t)	pd104	105	52	12/01/93
13	ag106m(n,h)	rh104	106	45	12/01/93
14	ag106m(n,a)	rh103	107	79	12/01/93
15	ag106m(n,2p)	rh105	111	51	12/01/93
16	ag106m(n,2n*)	ag105m	316	25	12/01/93
17	ag106m(n,3n*)	ag104m	317	11	12/01/93
18	ag106m(n,na*)	rh102m	322	64	12/01/93
19	ag106m(n,rh*)	rh103m	334	7	12/01/93
20	ag106m(n,g*)	ag107m	402	400	12/01/93
21	ag106m(n,h*)	rh104m	406	45	12/01/93
22	ag106m(n,a*)	rh103m	407	79	12/01/93
23	ag106m(n,2p*)	rh105m	411	51	12/01/93

#	target	product	ms	# energies	date
1	ag107 (n,n)	ag107	4	1	12/01/93
2	ag107 (n,2n)	ag106	16	7	12/01/93
3	ag107 (n,3n)	ag105	17	2	12/01/93
4	ag107 (n,na)	rh103	22	66	12/01/93
5	ag107 (n,np)	pd106	28	43	12/01/93
6	ag107 (n,nd)	pd105	32	17	12/01/93
7	ag107 (n,nt)	pd104	33	15	12/01/93
8	ag107 (n,g)	ag108	102	4250	12/01/93
9	ag107 (n,p)	pd107	103	25	12/01/93
10	ag107 (n,d)	pd106	104	59	12/01/93
11	ag107 (n,t)	pd105	105	48	12/01/93
12	ag107 (n,h)	rh105	106	43	12/01/93
13	ag107 (n,a)	rh104	107	81	12/01/93
14	ag107 (n,2p)	rh106	111	42	12/01/93
15	ag107 (n,n*)	ag107m	304	47	12/01/93
16	ag107 (n,2n*)	ag106m	316	12	12/01/93
17	ag107 (n,3n*)	ag105m	317	13	12/01/93
18	ag107 (n,na*)	rh103m	322	66	12/01/93
19	ag107 (n,g*)	ag108m	402	4249	12/01/93

# target	product	mt	# engseries	date
20 ag107 (n,p*	)pd107m	403	23	12/01/93
21 ag107 (n,h*	)rh105m	406	43	12/01/93
22 ag107 (n,a*	)rh104m	407	5	12/01/93
23 ag107 (n,2p*	)rh106m	411	42	12/01/93

# target	product	mt	# engseries	date
1 ag108m(n,n	)ag108	4	43	12/01/93
2 ag108m(n,2n	)ag107	16	20	12/01/93
3 ag108m(n,3n	)ag106	17	9	12/01/93
4 ag108m(n,na	)rh104	22	60	12/01/93
5 ag108m(n,np	)pd107	28	29	12/01/93
6 ag108m(n,nd	)pd106	32	28	12/01/93
7 ag108m(n,nt	)pd105	33	15	12/01/93
8 ag108m(n,rh	)rh105	34	4	12/01/93
9 ag108m(n,s	)ag109	102	405	12/01/93
10 ag108m(n,p	)pd108	103	71	12/01/93
11 ag108m(n,d	)pd107	104	54	12/01/93
12 ag108m(n,t	)pd106	105	53	12/01/93
13 ag108m(n,h	)rh106	106	39	12/01/93
14 ag108m(n,a	)rh105	107	81	12/01/93
15 ag108m(n,2p	)rh107	111	47	12/01/93
16 ag108m(n,2n*	)ag107m	316	25	12/01/93
17 ag108m(n,3n*	)ag106m	317	14	12/01/93
18 ag108m(n,na*	)rh104m	322	60	12/01/93
19 ag108m(n,np*	)pd107m	328	29	12/01/93
20 ag108m(n,rh*	)rh105m	334	4	12/01/93
21 ag108m(n,g*	)ag109m	402	405	12/01/93
22 ag108m(n,d*	)pd107m	404	52	12/01/93
23 ag108m(n,h*	)rh106m	406	39	12/01/93
24 ag108m(n,a*	)rh105m	407	81	12/01/93

1 ag109 (n,n	)ag109	4	1	12/01/93
2 ag109 (n,2n	)ag108	16	12	12/01/93
3 ag109 (n,3n	)ag107	17	11	12/01/93
4 ag109 (n,na	)rh105	22	63	12/01/93
5 ag109 (n,np	)pd108	28	42	12/01/93
6 ag109 (n,nd	)pd107	32	16	12/01/93
7 ag109 (n,nt	)pd106	33	16	12/01/93
8 ag109 (n,s	)ag110	102	8926	12/01/93
9 ag109 (n,p	)pd109	103	16	12/01/93
10 ag109 (n,d	)pd108	104	55	12/01/93
11 ag109 (n,t	)pd107	105	47	12/01/93
12 ag109 (n,h	)rh107	106	37	12/01/93
13 ag109 (n,a	)rh106	107	12	12/01/93
14 ag109 (n,2p	)rh108	111	38	12/01/93
15 ag109 (n,n*	)ag109m	304	50	12/01/93
16 ag109 (n,2n*	)ag108m	316	12	12/01/93
17 ag109 (n,3n*	)ag107m	317	16	12/01/93
18 ag109 (n,na*	)rh105m	322	63	12/01/93
19 ag109 (n,nd*	)pd107m	332	16	12/01/93
20 ag109 (n,g*	)ag110m	402	8922	12/01/93
21 ag109 (n,p*	)pd109m	403	71	12/01/93
22 ag109 (n,t*	)pd107m	405	44	12/01/93
23 ag109 (n,a*	)rh106m	407	83	12/01/93
24 ag109 (n,2p*	)rh108m	411	38	12/01/93

# target	product	mt	# engseries	date
1 ag110m(n,n	)ag110	4	48	12/01/93
2 ag110m(n,2n	)ag109	16	29	12/01/93
3 ag110m(n,3n	)ag108	17	17	12/01/93
4 ag110m(n,na	)rh106	22	55	12/01/93
5 ag110m(n,np	)pd109	28	28	12/01/93
6 ag110m(n,nd	)pd108	32	29	12/01/93
7 ag110m(n,nt	)pd107	33	15	12/01/93
8 ag110m(n,s	)ag111	102	408	12/01/93
9 ag110m(n,p	)pd110	103	73	12/01/93
10 ag110m(n,d	)pd109	104	49	12/01/93
11 ag110m(n,t	)pd108	105	55	12/01/93
12 ag110m(n,h	)rh108	106	33	12/01/93
13 ag110m(n,a	)rh107	107	81	12/01/93
14 ag110m(n,2p	)rh109	111	40	12/01/93
15 ag110m(n,2n*	)ag109m	316	27	12/01/93

#	INCPSET	PRODUCT	MT	#	OPERIES	DATE
16	ag106(n,3n)	)ag106	317	17		12/01/93
17	ag106(n,n ⁺)	)rh106	322	35		12/01/93
18	ag106(n,n ⁺)	)pd106	328	26		12/01/93
19	ag106(n,n ⁺)	)pd107	333	15		12/01/93
20	ag106(n,n ⁺)	)ag110	402	408		12/01/93
21	ag106(n,n ⁺)	)pd109	404	49		12/01/93
22	ag106(n,n ⁺)	)rh106	406	33		12/01/93
1	ag111(n,n)	)ag111	4	1		12/01/93
2	ag111(n,2n)	)ag110	16	31		12/01/93
3	ag111(n,3n)	)ag109	17	20		12/01/93
4	ag111(n,n)	)rh107	22	59		12/01/93
5	ag111(n,n)	)pd110	28	41		12/01/93
6	ag111(n,n)	)pd109	32	15		12/01/93
7	ag111(n,n)	)pd108	33	16		12/01/93
8	ag111(n,n)	)ag112	102	381		12/01/93
9	ag111(n,p)	)pd111	103	69		12/01/93
10	ag111(n,d)	)pd110	104	54		12/01/93
11	ag111(n,t)	)pd109	105	45		12/01/93
12	ag111(n,h)	)rh109	106	31		12/01/93
13	ag111(n,h)	)rh108	107	77		12/01/93
14	ag111(n,2p)	)rh110	111	33		12/01/93
15	ag111(n,n ⁺)	)ag110	304	53		12/01/93
16	ag111(n,2n)	)ag109	316	27		12/01/93
17	ag111(n,3n)	)pd109	317	20		12/01/93
18	ag111(n,n ⁺)	)pd109	332	14		12/01/93
19	ag111(n,n ⁺)	)pd111	403	66		12/01/93
20	ag111(n,t)	)pd109	405	45		12/01/93
21	ag111(n,e)	)rh108	407	77		12/01/93
22	ag111(n,2p)	)rh110	411	33		12/01/93

#	INCPSET	PRODUCT	MT	#	OPERIES	DATE
1	cd106(n,2n)	)cd105	16	23		12/01/93
2	cd106(n,3n)	)cd104	17	2		12/01/93
3	cd106(n,n)	)pd102	22	72		12/01/93
4	cd106(n,n)	)ag105	28	39		12/01/93
5	cd106(n,n)	)ag104	32	13		12/01/93
6	cd106(n,n)	)ag103	33	9		12/01/93
7	cd106(n,n)	)pd103	34	6		12/01/93
8	cd106(n,g)	)cd107	102	444		12/01/93
9	cd106(n,p)	)ag106	103	80		12/01/93
10	cd106(n,d)	)ag105	104	53		12/01/93
11	cd106(n,t)	)ag104	105	44		12/01/93
12	cd106(n,h)	)pd104	106	54		12/01/93
13	cd106(n,a)	)pd103	107	81		12/01/93
14	cd106(n,2p)	)pd105	111	49		12/01/93
15	cd106(n,n ⁺)	)ag105	328	39		12/01/93
16	cd106(n,n ⁺)	)ag104	332	13		12/01/93
17	cd106(n,n ⁺)	)ag103	333	7		12/01/93
18	cd106(n,n ⁺)	)ag105	403	80		12/01/93
19	cd106(n,n ⁺)	)ag104	404	53		12/01/93
20	cd106(n,n ⁺)	)ag104	405	44		12/01/93
1	cd108(n,2n)	)cd107	16	26		12/01/93
2	cd108(n,3n)	)cd106	17	13		12/01/93
3	cd108(n,n)	)pd104	22	68		12/01/93
4	cd108(n,n)	)ag107	28	35		12/01/93
5	cd108(n,n)	)ag106	32	12		12/01/93
6	cd108(n,n)	)ag105	33	9		12/01/93
7	cd108(n,n)	)cd109	102	837		12/01/93
8	cd108(n,p)	)ag108	103	74		12/01/93
9	cd108(n,d)	)ag107	104	52		12/01/93
10	cd108(n,t)	)ag106	105	42		12/01/93
11	cd108(n,h)	)pd106	106	47		12/01/93
12	cd108(n,a)	)pd105	107	84		12/01/93
13	cd108(n,2p)	)pd107	111	40		12/01/93
14	cd108(n,n ⁺)	)ag107	328	35		12/01/93
15	cd108(n,n ⁺)	)ag106	332	12		12/01/93
16	cd108(n,n ⁺)	)ag105	333	9		12/01/93
17	cd108(n,n ⁺)	)ag108	403	74		12/01/93
18	cd108(n,n ⁺)	)ag107	404	49		12/01/93
19	cd108(n,n ⁺)	)ag106	405	42		12/01/93
20	cd108(n,2p)	)pd107	411	40		12/01/93

#	target	product	mt	# engeries	date
1	cd109 (n,2n)	)cd108	16	28	12/01/93
2	cd109 (n,3n)	)cd107	17	15	12/01/93
3	cd109 (n,na)	)pd105	22	61	12/01/93
4	cd109 (n,np)	)ag108	28	32	12/01/93
5	cd109 (n,nd)	)ag107	32	23	12/01/93
6	cd109 (n,nt)	)ag106	33	10	12/01/93
7	cd109 (n,nh)	)pd106	34	10	12/01/93
8	cd109 (n,g)	)cd110	102	390	12/01/93
9	cd109 (n,p)	)ag109	103	79	12/01/93
10	cd109 (n,d)	)ag108	104	48	12/01/93
11	cd109 (n,t)	)ag107	105	47	12/01/93
12	cd109 (n,h)	)pd107	106	43	12/01/93
13	cd109 (n,a)	)pd106	107	80	12/01/93
14	cd109 (n,2p)	)pd108	111	45	12/01/93
15	cd109 (n,np*)	)ag108m	328	32	12/01/93
16	cd109 (n,nd*)	)ag107m	332	23	12/01/93
17	cd109 (n,nt*)	)ag106m	333	10	12/01/93
18	cd109 (n,p*)	)ag109m	403	79	12/01/93
19	cd109 (n,d*)	)ag108m	404	48	12/01/93
20	cd109 (n,t*)	)ag107m	405	47	12/01/93
21	cd109 (n,h*)	)pd107m	406	43	12/01/93
1	cd110 (n,2n)	)cd109	16	30	12/01/93
2	cd110 (n,3n)	)cd108	17	17	12/01/93
3	cd110 (n,na)	)pd106	22	65	12/01/93
4	cd110 (n,np)	)ag109	28	36	12/01/93
5	cd110 (n,nd)	)ag108	32	11	12/01/93
6	cd110 (n,nt)	)ag107	33	9	12/01/93
7	cd110 (n,g)	)cd111	102	9476	12/01/93
8	cd110 (n,p)	)ag110	103	64	12/01/93
9	cd110 (n,d)	)ag109	104	49	12/01/93
10	cd110 (n,t)	)ag108	105	40	12/01/93
11	cd110 (n,h)	)pd108	106	39	12/01/93
12	cd110 (n,a)	)pd107	107	85	12/01/93
13	cd110 (n,2p)	)pd109	111	36	12/01/93
14	cd110 (n,np*)	)ag109m	328	33	12/01/93
15	cd110 (n,nd*)	)ag108m	332	11	12/01/93
16	cd110 (n,nt*)	)ag107m	333	9	12/01/93
17	cd110 (n,g*)	)cd111m	402	9476	12/01/93
18	cd110 (n,p*)	)ag110m	403	64	12/01/93
19	cd110 (n,d*)	)ag109m	404	49	12/01/93
20	cd110 (n,t*)	)ag108m	405	40	12/01/93
21	cd110 (n,a*)	)pd107m	407	85	12/01/93
22	cd110 (n,2p*)	)pd109m	411	36	12/01/93

#	target	product	mt	# engeries	date
1	cd111 (n,n)	)cd111	4	1	12/01/93
2	cd111 (n,2n)	)cd110	16	23	12/01/93
3	cd111 (n,3n)	)cd109	17	13	12/01/93
4	cd111 (n,na)	)pd107	22	53	12/01/93
5	cd111 (n,np)	)ag110	28	29	12/01/93
6	cd111 (n,nd)	)ag109	32	22	12/01/93
7	cd111 (n,nt)	)ag108	33	10	12/01/93
8	cd111 (n,nh)	)pd108	34	4	12/01/93
9	cd111 (n,g)	)cd112	102	1282	12/01/93
10	cd111 (n,p)	)ag111	103	80	12/01/93
11	cd111 (n,d)	)ag110	104	47	12/01/93
12	cd111 (n,t)	)ag109	105	47	12/01/93
13	cd111 (n,h)	)pd109	106	37	12/01/93
14	cd111 (n,a)	)pd108	107	81	12/01/93
15	cd111 (n,2p)	)pd110	111	39	12/01/93
16	cd111 (n,np*)	)cd111m	304	38	12/01/93
17	cd111 (n,na*)	)pd107m	322	51	12/01/93
18	cd111 (n,np*)	)ag110m	328	29	12/01/93
19	cd111 (n,nd*)	)ag109m	332	22	12/01/93
20	cd111 (n,nt*)	)ag108m	333	10	12/01/93
21	cd111 (n,p*)	)ag111m	403	80	12/01/93
22	cd111 (n,d*)	)ag110m	404	45	12/01/93
23	cd111 (n,t*)	)ag109m	405	45	12/01/93
24	cd111 (n,h*)	)pd109m	406	37	12/01/93

# target	product	mt	# engeries	date
1 cd112 (n,2n)	)cd111	16	31	12/01/93
2 cd112 (n,3n)	)cd110	17	15	12/01/93
3 cd112 (n,na)	)pd108	22	58	12/01/93
4 cd112 (n,np)	)ag111	28	34	12/01/93
5 cd112 (n,nd)	)ag110	32	10	12/01/93
6 cd112 (n,nt)	)ag109	33	10	12/01/93
7 cd112 (n,g)	)cd113	102	8301	12/01/93
8 cd112 (n,p)	)ag112	103	59	12/01/93
9 cd112 (n,d)	)ag111	104	47	12/01/93
10 cd112 (n,t)	)ag110	105	39	12/01/93
11 cd112 (n,h)	)pd110	106	33	12/01/93
12 cd112 (n,a)	)pd109	107	80	12/01/93
13 cd112 (n,2p)	)pd111	111	32	12/01/93
14 cd112 (n,2n*)	)cd111m	316	27	12/01/93
15 cd112 (n,np*)	)ag111m	328	34	12/01/93
16 cd112 (n,nd*)	)ag110m	332	9	12/01/93
17 cd112 (n,nt*)	)ag109m	333	8	12/01/93
18 cd112 (n,g*)	)cd113m	402	8300	12/01/93
19 cd112 (n,d*)	)ag111m	404	45	12/01/93
20 cd112 (n,t*)	)ag110m	405	39	12/01/93
21 cd112 (n,a*)	)pd109m	407	80	12/01/93
22 cd112 (n,2p*)	)pd111m	411	32	12/01/93

# target	product	mt	# engeries	date
1 cd113 (n,n)	)cd113	4	1	12/01/93
2 cd113 (n,2n)	)cd112	16	25	12/01/93
3 cd113 (n,3n)	)cd111	17	16	12/01/93
4 cd113 (n,na)	)pd109	22	52	12/01/93
5 cd113 (n,np)	)ag112	28	27	12/01/93
6 cd113 (n,nd)	)ag111	32	21	12/01/93
7 cd113 (n,nt)	)ag110	33	10	12/01/93
8 cd113 (n,g)	)cd114	102	3244	12/01/93
9 cd113 (n,p)	)ag113	103	69	12/01/93
10 cd113 (n,d)	)ag112	104	43	12/01/93
11 cd113 (n,t)	)ag111	105	46	12/01/93
12 cd113 (n,h)	)pd111	106	31	12/01/93
13 cd113 (n,a)	)pd110	107	81	12/01/93
14 cd113 (n,2p)	)pd112	111	35	12/01/93
15 cd113 (n,n*)	)cd113m	304	35	12/01/93
16 cd113 (n,3n*)	)cd111m	317	16	12/01/93
17 cd113 (n,na*)	)pd109m	322	50	12/01/93
18 cd113 (n,nd*)	)ag111m	332	21	12/01/93
19 cd113 (n,nt*)	)ag110m	333	10	12/01/93
20 cd113 (n,p*)	)ag113m	403	69	12/01/93
21 cd113 (n,t*)	)ag111m	405	46	12/01/93
22 cd113 (n,h*)	)pd111m	406	31	12/01/93

1 cd113m(n,n)	)cd113	4	37	12/01/93
2 cd113m(n,2n)	)cd112	16	25	12/01/93
3 cd113m(n,3n)	)cd111	17	15	12/01/93
4 cd113m(n,na)	)pd109	22	50	12/01/93
5 cd113m(n,np)	)ag112	28	24	12/01/93
6 cd113m(n,nd)	)ag111	32	21	12/01/93
7 cd113m(n,nt)	)ag110	33	9	12/01/93
8 cd113m(n,g)	)cd114	102	3244	12/01/93
9 cd113m(n,p)	)ag113	103	64	12/01/93
10 cd113m(n,d)	)ag112	104	43	12/01/93
11 cd113m(n,t)	)ag111	105	43	12/01/93
12 cd113m(n,h)	)pd111	106	31	12/01/93
13 cd113m(n,a)	)pd110	107	81	12/01/93
14 cd113m(n,2p)	)pd112	111	35	12/01/93
15 cd113m(n,3n*)	)cd111m	317	13	12/01/93
16 cd113m(n,na*)	)pd109m	322	50	12/01/93
17 cd113m(n,nd*)	)ag111m	332	21	12/01/93
18 cd113m(n,nt*)	)ag110m	333	8	12/01/93
19 cd113m(n,p*)	)ag113m	403	64	12/01/93
20 cd113m(n,t*)	)ag111m	405	43	12/01/93
21 cd113m(n,h*)	)pd111m	406	31	12/01/93

#	target	product	mt	# engeries	date
1	cd114 (n,2n)	)cd113	16	27	12/01/93
2	cd114 (n,3n)	)cd112	17	19	12/01/93
3	cd114 (n,na)	)pd110	22	56	12/01/93
4	cd114 (n,np)	)ag113	28	32	12/01/93
5	cd114 (n,nd)	)ag112	32	10	12/01/93
6	cd114 (n,nt)	)ag111	33	10	12/01/93
7	cd114 (n,g)	)cd115	102	6571	12/01/93
8	cd114 (n,p)	)ag114	103	55	12/01/93
9	cd114 (n,d)	)ag113	104	44	12/01/93
10	cd114 (n,t)	)ag112	105	39	12/01/93
11	cd114 (n,h)	)pd112	106	27	12/01/93
12	cd114 (n,a)	)pd111	107	78	12/01/93
13	cd114 (n,2p)	)pd113	111	25	12/01/93
14	cd114 (n,2n*)	)cd113m	316	27	12/01/93
15	cd114 (n,np*)	)ag113m	328	32	12/01/93
16	cd114 (n,nt*)	)ag111m	333	10	12/01/93
17	cd114 (n,g*)	)cd115m	402	6570	12/01/93
18	cd114 (n,p*)	)ag114m	403	55	12/01/93
19	cd114 (n,d*)	)ag113m	404	44	12/01/93
20	cd114 (n,a*)	)pd111m	407	78	12/01/93
21	cd114 (n,2p*)	)pd113m	411	25	12/01/93

1	cd115 (n,n)	)cd115	4	1	12/01/93
2	cd115 (n,2n)	)cd114	16	27	12/01/93
3	cd115 (n,3n)	)cd113	17	21	12/01/93
4	cd115 (n,na)	)pd111	22	52	12/01/93
5	cd115 (n,np)	)ag114	28	26	12/01/93
6	cd115 (n,nd)	)ag113	32	21	12/01/93
7	cd115 (n,nt)	)ag112	33	10	12/01/93
8	cd115 (n,g)	)cd116	102	495	12/01/93
9	cd115 (n,p)	)ag115	103	65	12/01/93
10	cd115 (n,d)	)ag114	104	43	12/01/93
11	cd115 (n,t)	)ag113	105	44	12/01/93
12	cd115 (n,h)	)pd113	106	23	12/01/93
13	cd115 (n,a)	)pd112	107	84	12/01/93
14	cd115 (n,2p)	)pd114	111	31	12/01/93
15	cd115 (n,n*)	)cd115m	304	36	12/01/93
16	cd115 (n,3n*)	)cd113m	317	17	12/01/93
17	cd115 (n,na*)	)pd111m	322	52	12/01/93
18	cd115 (n,np*)	)ag114m	328	26	12/01/93
19	cd115 (n,nd*)	)ag113m	332	21	12/01/93
20	cd115 (n,p*)	)ag115m	403	65	12/01/93
21	cd115 (n,d*)	)ag114m	404	43	12/01/93
22	cd115 (n,t*)	)ag113m	405	42	12/01/93
23	cd115 (n,h*)	)pd113m	406	23	12/01/93

#	target	product	mt	# engeries	date
1	cd115m(n,n)	)cd115	4	38	12/01/93
2	cd115m(n,2n)	)cd114	16	27	12/01/93
3	cd115m(n,3n)	)cd113	17	21	12/01/93
4	cd115m(n,na)	)pd111	22	52	12/01/93
5	cd115m(n,np)	)ag114	28	26	12/01/93
6	cd115m(n,nd)	)ag113	32	21	12/01/93
7	cd115m(n,nt)	)ag112	33	10	12/01/93
8	cd115m(n,g)	)cd116	102	495	12/01/93
9	cd115m(n,p)	)ag115	103	60	12/01/93
10	cd115m(n,d)	)ag114	104	43	12/01/93
11	cd115m(n,t)	)ag113	105	42	12/01/93
12	cd115m(n,h)	)pd113	106	23	12/01/93
13	cd115m(n,a)	)pd112	107	84	12/01/93
14	cd115m(n,2p)	)pd114	111	31	12/01/93
15	cd115m(n,3n*)	)cd113m	317	17	12/01/93
16	cd115m(n,na*)	)pd111m	322	52	12/01/93
17	cd115m(n,np*)	)ag114m	328	26	12/01/93
18	cd115m(n,nd*)	)ag113m	332	19	12/01/93
19	cd115m(n,p*)	)ag115m	403	3	12/01/93
20	cd115m(n,d*)	)ag114m	404	43	12/01/93
21	cd115m(n,t*)	)ag113m	405	42	12/01/93
22	cd115m(n,h*)	)pd113m	406	23	12/01/93

1	cd116 (n,2n)	)cd115	16	33	12/01/93
2	cd116 (n,3n)	)cd114	17	20	12/01/93
3	cd116 (n,na)	)pd112	22	55	12/01/93

#	target	product	mt	# engeries	date
4	cd116 (n,np)	)ag115	28	29	12/01/93
5	cd116 (n,nd)	)ag114	32	10	12/01/93
6	cd116 (n,nt)	)ag113	33	10	12/01/93
7	cd116 (n,g)	)cd117	102	3335	12/01/93
8	cd116 (n,p)	)ag116	103	51	12/01/93
9	cd116 (n,d)	)ag115	104	43	12/01/93
10	cd116 (n,t)	)ag114	105	36	12/01/93
11	cd116 (n,h)	)pd114	106	23	12/01/93
12	cd116 (n,a)	)pd113	107	68	12/01/93
13	cd116 (n,2p)	)pd115	111	19	12/01/93
14	cd116 (n,2n ⁺)	)cd115m	316	33	12/01/93
15	cd116 (n,np ⁺)	)ag115m	328	29	12/01/93
16	cd116 (n,nd ⁺)	)ag114m	332	10	12/01/93
17	cd116 (n,nt ⁺)	)ag113m	333	10	12/01/93
18	cd116 (n,g ⁺)	)cd117m	402	3335	12/01/93
19	cd116 (n,p ⁺)	)ag116m	403	51	12/01/93
20	cd116 (n,d ⁺)	)ag115m	404	43	12/01/93
21	cd116 (n,t ⁺)	)ag114m	405	36	12/01/93
22	cd116 (n,a ⁺)	)pd113m	407	68	12/01/93

#	target	product	mt	# engeries	date
1	in111 (n,n)	)in111	4	1	12/01/93
2	in111 (n,2n)	)in110	16	23	12/01/93
3	in111 (n,3n)	)in109	17	11	12/01/93
4	in111 (n,na)	)ag107	22	70	12/01/93
5	in111 (n,np)	)cd110	28	41	12/01/93
6	in111 (n,nd)	)cd109	32	16	12/01/93
7	in111 (n,nt)	)cd108	33	15	12/01/93
8	in111 (n,g)	)in112	102	395	12/01/93
9	in111 (n,p)	)cd111	103	77	12/01/93
10	in111 (n,d)	)cd110	104	62	12/01/93
11	in111 (n,t)	)cd109	105	49	12/01/93
12	in111 (n,h)	)ag109	106	43	12/01/93
13	in111 (n,a)	)ag108	107	80	12/01/93
14	in111 (n,2p)	)ag110	111	44	12/01/93
15	in111 (n,n ⁺)	)in111m	304	49	12/01/93
16	in111 (n,2n ⁺)	)in110m	316	23	12/01/93
17	in111 (n,3n ⁺)	)in109m	317	11	12/01/93
18	in111 (n,na ⁺)	)ag107m	322	65	12/01/93
19	in111 (n,g ⁺)	)in112m	402	395	12/01/93
20	in111 (n,p ⁺)	)cd111m	403	77	12/01/93
21	in111 (n,h ⁺)	)ag109m	406	43	12/01/93
22	in111 (n,a ⁺)	)ag108m	407	80	12/01/93
23	in111 (n,2p ⁺)	)ag110m	411	44	12/01/93

1	in113 (n,n)	)in113	4	1	12/01/93
2	in113 (n,2n)	)in112	16	24	12/01/93
3	in113 (n,3n)	)in111	17	15	12/01/93
4	in113 (n,na)	)ag109	22	63	12/01/93
5	in113 (n,np)	)cd112	28	37	12/01/93
6	in113 (n,nd)	)cd111	32	16	12/01/93
7	in113 (n,nt)	)cd110	33	15	12/01/93
8	in113 (n,g)	)in114	102	4764	12/01/93
9	in113 (n,p)	)cd113	103	80	12/01/93
10	in113 (n,d)	)cd112	104	59	12/01/93
11	in113 (n,t)	)cd111	105	46	12/01/93
12	in113 (n,h)	)ag111	106	37	12/01/93
13	in113 (n,a)	)ag110	107	84	12/01/93
14	in113 (n,2p)	)ag112	111	40	12/01/93
15	in113 (n,n ⁺)	)in113m	304	55	12/01/93
16	in113 (n,2n ⁺)	)in112m	316	24	12/01/93
17	in113 (n,3n ⁺)	)in111m	317	11	12/01/93
18	in113 (n,na ⁺)	)ag109m	322	63	12/01/93
19	in113 (n,nd ⁺)	)cd111m	332	15	12/01/93
20	in113 (n,g ⁺)	)in114m	402	4764	12/01/93
21	in113 (n,p ⁺)	)cd113m	403	80	12/01/93
22	in113 (n,h ⁺)	)cd111m	405	46	12/01/93
23	in113 (n,a ⁺)	)ag111m	406	37	12/01/93
24	in113 (n,2p ⁺)	)ag110m	407	84	12/01/93

#	target	product	mt	# engeries	date
1	in114m(n,n	)in114	4	41	12/01/93
2	in114m(n,2n	)in113	16	22	12/01/93
3	in114m(n,3n	)in112	17	13	12/01/93
4	in114m(n,na	)ag110	22	55	12/01/93
5	in114m(n,np	)cd113	28	33	12/01/93
6	in114m(n,nd	)cd112	32	30	12/01/93
7	in114m(n,nt	)cd111	33	13	12/01/93
8	in114m(n,g	)in115	102	403	12/01/93
9	in114m(n,p	)cd114	103	77	12/01/93
10	in114m(n,d	)cd113	104	50	12/01/93
11	in114m(n,t	)cd112	105	51	12/01/93
12	in114m(n,h	)ag112	106	33	12/01/93
13	in114m(n,a	)ag111	107	81	12/01/93
14	in114m(n,2p	)ag113	111	44	12/01/93
15	in114m(n,2n*	)in113m	316	22	12/01/93
16	in114m(n,3n*	)in112m	317	13	12/01/93
17	in114m(n,na*	)ag110m	322	55	12/01/93
18	in114m(n,np*	)cd113m	328	32	12/01/93
19	in114m(n,nt*	)cd111m	333	13	12/01/93
20	in114m(n,g*	)in115m	402	403	12/01/93
21	in114m(n,d*	)cd113m	404	48	12/01/93
22	in114m(n,a*	)ag111m	407	81	12/01/93
23	in114m(n,2p*	)ag113m	411	44	12/01/93

1	in115 (n,n	)in115	4	1	12/01/93
2	in115 (n,2n	)in114	16	26	12/01/93
3	in115 (n,3n	)in113	17	17	12/01/93
4	in115 (n,na	)ag111	22	60	12/01/93
5	in115 (n,np	)cd114	28	39	12/01/93
6	in115 (n,nd	)cd113	32	15	12/01/93
7	in115 (n,nt	)cd112	33	15	12/01/93
8	in115 (n,g	)in116	102	9374	12/01/93
9	in115 (n,p	)cd115	103	74	12/01/93
10	in115 (n,d	)cd114	104	54	12/01/93
11	in115 (n,t	)cd113	105	48	12/01/93
12	in115 (n,h	)ag113	106	31	12/01/93
13	in115 (n,a	)ag112	107	80	12/01/93
14	in115 (n,2p	)ag114	111	35	12/01/93
15	in115 (n,n*	)in115m	304	55	12/01/93
16	in115 (n,2n*	)in114m	316	26	12/01/93
17	in115 (n,3n*	)in113m	317	15	12/01/93
18	in115 (n,na*	)ag111m	322	60	12/01/93
19	in115 (n,np*	)cd113m	332	14	12/01/93
20	in115 (n,g*	)in116m	402	9370	12/01/93
21	in115 (n,p*	)cd115m	403	74	12/01/93
22	in115 (n,t*	)cd113m	405	45	12/01/93
23	in115 (n,h*	)ag113m	406	31	12/01/93
24	in115 (n,2p*	)ag114m	411	35	12/01/93
25	in115 (n,g**	)in116n	702	9375	12/01/93

#	target	product	mt	# engeries	date
1	an112 (n,2n	)an111	16	26	12/01/93
2	an112 (n,3n	)an110	17	6	12/01/93
3	an112 (n,na	)cd108	22	73	12/01/93
4	an112 (n,np	)in111	28	38	12/01/93
5	an112 (n,nd	)in110	32	12	12/01/93
6	an112 (n,nt	)in109	33	9	12/01/93
7	an112 (n,g	)an113	102	3170	12/01/93
8	an112 (n,p	)in112	103	80	12/01/93
9	an112 (n,d	)in111	104	54	12/01/93
10	an112 (n,t	)in110	105	43	12/01/93
11	an112 (n,h	)cd110	106	46	12/01/93
12	an112 (n,a	)cd109	107	81	12/01/93
13	an112 (n,2p	)cd111	111	41	12/01/93
14	an112 (n,np*	)in111m	328	35	12/01/93
15	an112 (n,nd*	)in110m	332	12	12/01/93
16	an112 (n,nt*	)in109m	333	9	12/01/93
17	an112 (n,g*	)an113m	402	3181	12/01/93
18	an112 (n,p*	)in112m	403	80	12/01/93
19	an112 (n,d*	)in111m	404	51	12/01/93
20	an112 (n,t*	)in110m	405	43	12/01/93
21	an112 (n,2p*	)cd111m	411	41	12/01/93
22	an112 (n,nt**	)in109n	633	4	12/01/93

# target	product	mt	# engeries	date
1 sn113 (n,n)	sn113	4	1	12/01/93
2 sn113 (n,2n)	sn112	16	25	12/01/93
3 sn113 (n,3n)	sn111	17	9	12/01/93
4 sn113 (n,na)	cd109	22	66	12/01/93
5 sn113 (n,np)	in112	28	33	12/01/93
6 sn113 (n,nd)	in111	32	23	12/01/93
7 sn113 (n,nt)	in110	33	9	12/01/93
8 sn113 (n,nh)	cd110	34	10	12/01/93
9 sn113 (n,g)	sn114	102	395	12/01/93
10 sn113 (n,p)	in113	103	77	12/01/93
11 sn113 (n,d)	in112	104	51	12/01/93
12 sn113 (n,t)	in111	105	50	12/01/93
13 sn113 (n,h)	cd111	106	45	12/01/93
14 sn113 (n,a)	cd110	107	76	12/01/93
15 sn113 (n,2p)	cd112	111	48	12/01/93
16 sn113 (n,n*)	sn113m	304	41	12/01/93
17 sn113 (n,np*)	in112m	328	33	12/01/93
18 sn113 (n,nd*)	in111m	332	21	12/01/93
19 sn113 (n,nt*)	in110m	333	9	12/01/93
20 sn113 (n,p*)	in113m	403	77	12/01/93
21 sn113 (n,d*)	in112m	404	49	12/01/93
22 sn113 (n,t*)	in111m	405	47	12/01/93
23 sn113 (n,h*)	cd111m	406	45	12/01/93

# target	product	mt	# engeries	date
1 sn114 (n,2n)	sn113	16	27	12/01/93
2 sn114 (n,3n)	sn112	17	11	12/01/93
3 sn114 (n,na)	cd110	22	70	12/01/93
4 sn114 (n,np)	in113	28	36	12/01/93
5 sn114 (n,nd)	in112	32	12	12/01/93
6 sn114 (n,nt)	in111	33	9	12/01/93
7 sn114 (n,g)	sn115	102	1881	12/01/93
8 sn114 (n,p)	in114	103	70	12/01/93
9 sn114 (n,d)	in113	104	51	12/01/93
10 sn114 (n,t)	in112	105	41	12/01/93
11 sn114 (n,h)	cd112	106	39	12/01/93
12 sn114 (n,a)	cd111	107	83	12/01/93
13 sn114 (n,2p)	cd113	111	35	12/01/93
14 sn114 (n,2n*)	sn113m	316	27	12/01/93
15 sn114 (n,np*)	in113m	328	36	12/01/93
16 sn114 (n,nd*)	in112m	332	12	12/01/93
17 sn114 (n,nt*)	in111m	333	7	12/01/93
18 sn114 (n,p*)	in114m	403	70	12/01/93
19 sn114 (n,d*)	in113m	404	48	12/01/93
20 sn114 (n,t*)	in112m	405	41	12/01/93
21 sn114 (n,a*)	cd111m	407	83	12/01/93
22 sn114 (n,2p*)	cd113m	411	35	12/01/93

1 sn115 (n,2n)	sn114	16	22	12/01/93
2 sn115 (n,3n)	sn113	17	11	12/01/93
3 sn115 (n,na)	cd111	22	57	12/01/93
4 sn115 (n,np)	in114	28	28	12/01/93
5 sn115 (n,nd)	in113	32	22	12/01/93
6 sn115 (n,nt)	in112	33	9	12/01/93
7 sn115 (n,g)	sn116	102	963	12/01/93
8 sn115 (n,p)	in115	103	81	12/01/93
9 sn115 (n,d)	in114	104	48	12/01/93
10 sn115 (n,t)	in113	105	47	12/01/93
11 sn115 (n,h)	cd113	106	35	12/01/93
12 sn115 (n,a)	cd112	107	80	12/01/93
13 sn115 (n,2p)	cd114	111	39	12/01/93
14 sn115 (n,3n*)	sn113m	317	11	12/01/93
15 sn115 (n,na*)	cd111m	322	55	12/01/93
16 sn115 (n,np*)	in114m	328	26	12/01/93
17 sn115 (n,nd*)	in113m	332	20	12/01/93
18 sn115 (n,nt*)	in112m	333	9	12/01/93
19 sn115 (n,p*)	in115m	403	81	12/01/93
20 sn115 (n,d*)	in114m	404	48	12/01/93
21 sn115 (n,t*)	in113m	405	47	12/01/93
22 sn115 (n,h*)	cd113m	406	35	12/01/93

#	target	product	mt	# engeries	date
1	an116 (n,2n)	)an115	16	24	12/01/93
2	an116 (n,3n)	)an114	17	15	12/01/93
3	an116 (n,na)	)cd112	22	65	12/01/93
4	an116 (n,np)	)in115	28	35	12/01/93
5	an116 (n,nd)	)in114	32	11	12/01/93
6	an116 (n,nt)	)in113	33	9	12/01/93
7	an116 (n,g)	)an117	102	2491	12/01/93
8	an116 (n,p)	)in116	103	64	12/01/93
9	an116 (n,d)	)in115	104	48	12/01/93
10	an116 (n,t)	)in114	105	40	12/01/93
11	an116 (n,h)	)cd114	106	33	12/01/93
12	an116 (n,a)	)cd113	107	75	12/01/93
13	an116 (n,2p)	)cd115	111	29	12/01/93
14	an116 (n,np*)	)in115m	328	33	12/01/93
15	an116 (n,nd*)	)in114m	332	11	12/01/93
16	an116 (n,nt*)	)in113m	333	7	12/01/93
17	an116 (n,g*)	)an117m	402	2491	12/01/93
18	an116 (n,p*)	)in116m	403	64	12/01/93
19	an116 (n,d*)	)in115m	404	48	12/01/93
20	an116 (n,t*)	)in114m	405	38	12/01/93
21	an116 (n,a*)	)cd113m	407	75	12/01/93
22	an116 (n,2p*)	)cd115m	411	29	12/01/93
23	an116 (n,p**)	)in116n	703	64	12/01/93

1	an117 (n,n)	)an117	4	1	12/01/93
2	an117 (n,2n)	)an116	16	24	12/01/93
3	an117 (n,3n)	)an115	17	16	12/01/93
4	an117 (n,na)	)cd113	22	54	12/01/93
5	an117 (n,np)	)in116	28	25	12/01/93
6	an117 (n,nd)	)in115	32	21	12/01/93
7	an117 (n,nt)	)in114	33	9	12/01/93
8	an117 (n,g)	)an118	102	3602	12/01/93
9	an117 (n,p)	)in117	103	75	12/01/93
10	an117 (n,d)	)in116	104	46	12/01/93
11	an117 (n,t)	)in115	105	47	12/01/93
12	an117 (n,h)	)cd115	106	29	12/01/93
13	an117 (n,a)	)cd114	107	80	12/01/93
14	an117 (n,2p)	)cd116	111	35	12/01/93
15	an117 (n,n*)	)an117m	304	53	12/01/93
16	an117 (n,na*)	)cd113m	322	52	12/01/93
17	an117 (n,np*)	)in116m	328	25	12/01/93
18	an117 (n,nd*)	)in115m	332	21	12/01/93
19	an117 (n,nt*)	)in114m	333	8	12/01/93
20	an117 (n,p*)	)in117m	403	75	12/01/93
21	an117 (n,d*)	)in116m	404	46	12/01/93
22	an117 (n,t*)	)in115m	405	44	12/01/93
23	an117 (n,h*)	)cd115m	406	29	12/01/93
24	an117 (n,np**)	)in116n	628	25	12/01/93
25	an117 (n,d**)	)in116n	704	43	12/01/93

#	target	product	mt	# engeries	date
1	an117m(n,n)	)an117	4	40	12/01/93
2	an117m(n,2n)	)an116	16	24	12/01/93
3	an117m(n,3n)	)an115	17	16	12/01/93
4	an117m(n,na)	)cd113	22	52	12/01/93
5	an117m(n,np)	)in116	28	25	12/01/93
6	an117m(n,nd)	)in115	32	21	12/01/93
7	an117m(n,nt)	)in114	33	8	12/01/93
8	an117m(n,g)	)an118	102	3602	12/01/93
9	an117m(n,p)	)in117	103	74	12/01/93
10	an117m(n,d)	)in116	104	43	12/01/93
11	an117m(n,t)	)in115	105	44	12/01/93
12	an117m(n,h)	)cd115	106	29	12/01/93
13	an117m(n,a)	)cd114	107	80	12/01/93
14	an117m(n,2p)	)cd116	111	35	12/01/93
15	an117m(n,na*)	)cd113m	322	52	12/01/93
16	an117m(n,np*)	)in116m	328	25	12/01/93
17	an117m(n,nd*)	)in115m	332	19	12/01/93
18	an117m(n,nt*)	)in114m	333	8	12/01/93
19	an117m(n,p*)	)in117m	403	68	12/01/93

#	target	product	mt	# engeries	date
20	sn117m(n,d*	)in116m	404	46	12/01/93
21	sn117m(n,t*	)in115m	405	44	12/01/93
22	sn117m(n,h*	)cd115m	406	29	12/01/93
23	sn117m(n,np**	)in116n	628	22	12/01/93
24	sn117m(n,d**	)in116n	704	43	12/01/93

#	target	product	mt	# engeries	date
1	sn118 (n,2n	)sn117	16	29	12/01/93
2	sn118 (n,3n	)sn116	17	19	12/01/93
3	sn118 (n,na	)cd114	22	59	12/01/93
4	sn118 (n,np	)in117	28	33	12/01/93
5	sn118 (n,nd	)in116	32	10	12/01/93
6	sn118 (n,nt	)in115	33	9	12/01/93
7	sn118 (n,g	)sn119	102	2513	12/01/93
8	sn118 (n,p	)in118	103	61	12/01/93
9	sn118 (n,d	)in117	104	45	12/01/93
10	sn118 (n,t	)in116	105	40	12/01/93
11	sn118 (n,h	)cd116	106	27	12/01/93
12	sn118 (n,a	)cd115	107	69	12/01/93
13	sn118 (n,2p	)cd117	111	25	12/01/93
14	sn118 (n,2n*	)sn117m	316	26	12/01/93
15	sn118 (n,np*	)in117m	328	33	12/01/93
16	sn118 (n,nd*	)in116m	332	10	12/01/93
17	sn118 (n,nt*	)in115m	333	7	12/01/93
18	sn118 (n,g*	)sn119m	402	2510	12/01/93
19	sn118 (n,p*	)in118m	403	61	12/01/93
20	sn118 (n,d*	)in117m	404	43	12/01/93
21	sn118 (n,t*	)in116m	405	40	12/01/93
22	sn118 (n,a*	)cd115m	407	69	12/01/93
23	sn118 (n,2p*	)cd117m	411	25	12/01/93
24	sn118 (n,nd**	)in116n	632	10	12/01/93
25	sn118 (n,p**	)in118n	703	57	12/01/93
26	sn118 (n,t**	)in116n	705	37	12/01/93

#	target	product	mt	# engeries	date
1	sn119 (n,n	)sn119	4	1	12/01/93
2	sn119 (n,2n	)sn118	16	25	12/01/93
3	sn119 (n,3n	)sn117	17	20	12/01/93
4	sn119 (n,na	)cd115	22	52	12/01/93
5	sn119 (n,np	)in118	28	27	12/01/93
6	sn119 (n,nd	)in117	32	21	12/01/93
7	sn119 (n,nt	)in116	33	10	12/01/93
8	sn119 (n,g	)sn120	102	1759	12/01/93
9	sn119 (n,p	)in119	103	68	12/01/93
10	sn119 (n,d	)in118	104	44	12/01/93
11	sn119 (n,t	)in117	105	45	12/01/93
12	sn119 (n,h	)cd117	106	23	12/01/93
13	sn119 (n,a	)cd116	107	83	12/01/93
14	sn119 (n,2p	)cd118	111	31	12/01/93
15	sn119 (n,n*	)sn119m	304	55	12/01/93
16	sn119 (n,3n*	)sn117m	317	16	12/01/93
17	sn119 (n,na*	)cd115m	322	50	12/01/93
18	sn119 (n,np*	)in118m	328	27	12/01/93
19	sn119 (n,nd*	)in117m	332	19	12/01/93
20	sn119 (n,nt*	)in116m	333	10	12/01/93
21	sn119 (n,g*	)sn120m	402	1757	12/01/93
22	sn119 (n,p*	)in119m	403	68	12/01/93
23	sn119 (n,d*	)in118m	404	44	12/01/93
24	sn119 (n,t*	)in117m	405	45	12/01/93
25	sn119 (n,h*	)cd117m	406	23	12/01/93
26	sn119 (n,np**	)in118n	628	24	12/01/93
27	sn119 (n,nt**	)in116n	633	8	12/01/93
28	sn119 (n,d**	)in118n	704	44	12/01/93

#	target	product	mt	# engeries	date
1	sn119m(n,n	)sn119	4	40	12/01/93
2	sn119m(n,2n	)sn118	16	25	12/01/93
3	sn119m(n,3n	)sn117	17	16	12/01/93
4	sn119m(n,na	)cd115	22	50	12/01/93
5	sn119m(n,np	)in118	28	24	12/01/93
6	sn119m(n,nd	)in117	32	21	12/01/93

#	target	product	mt	# engeries	date
7	sn119m(n,nt	)in116	33	10	12/01/93
8	sn119m(n,g	)sn120	102	1759	12/01/93
9	sn119m(n,p	)in119	103	68	12/01/93
10	sn119m(n,d	)in118	104	44	12/01/93
11	sn119m(n,t	)in117	105	45	12/01/93
12	sn119m(n,h	)cd117	106	23	12/01/93
13	sn119m(n,a	)cd116	107	83	12/01/93
14	sn119m(n,2p	)cd118	111	31	12/01/93
15	sn119m(n,3n*	)sn117m	317	16	12/01/93
16	sn119m(n,na*	)cd115m	322	50	12/01/93
17	sn119m(n,np*	)in118m	328	27	12/01/93
18	sn119m(n,nd*	)in117m	332	19	12/01/93
19	sn119m(n,nt*	)in116m	333	10	12/01/93
20	sn119m(n,g*	)sn120m	402	1757	12/01/93
21	sn119m(n,p*	)in119m	403	68	12/01/93
22	sn119m(n,d*	)in118m	404	44	12/01/93
23	sn119m(n,t*	)in117m	405	45	12/01/93
24	sn119m(n,h*	)cd117m	406	23	12/01/93
25	sn119m(n,np**)	)in118n	628	24	12/01/93
26	sn119m(n,nt**)	)in116n	633	8	12/01/93
27	sn119m(n,d**)	)in118n	704	41	12/01/93

#	target	product	mt	# engeries	date
1	sn120 (n,2n	)sn119	16	27	12/01/93
2	sn120 (n,3n	)sn118	17	19	12/01/93
3	sn120 (n,na	)cd116	22	54	12/01/93
4	sn120 (n,np	)in119	28	31	12/01/93
5	sn120 (n,nd	)in118	32	10	12/01/93
6	sn120 (n,nt	)in117	33	9	12/01/93
7	sn120 (n,g	)sn121	102	5780	12/01/93
8	sn120 (n,p	)in120	103	53	12/01/93
9	sn120 (n,d	)in119	104	43	12/01/93
10	sn120 (n,t	)in118	105	37	12/01/93
11	sn120 (n,h	)cd118	106	19	12/01/93
12	sn120 (n,a	)cd117	107	63	12/01/93
13	sn120 (n,2p	)cd119	111	19	12/01/93
14	sn120 (n,2n*	)sn119m	316	27	12/01/93
15	sn120 (n,np*	)in119m	328	29	12/01/93
16	sn120 (n,nd*	)in118m	332	10	12/01/93
17	sn120 (n,nt*	)in117m	333	7	12/01/93
18	sn120 (n,g*	)sn121m	402	5778	12/01/93
19	sn120 (n,p*	)in120m	403	53	12/01/93
20	sn120 (n,d*	)in119m	404	43	12/01/93
21	sn120 (n,t*	)in118m	405	37	12/01/93
22	sn120 (n,a*	)cd117m	407	63	12/01/93
23	sn120 (n,2p*	)cd119m	411	19	12/01/93
24	sn120 (n,nd**)	)in118n	632	8	12/01/93
25	sn120 (n,p**)	)in120n	703	53	12/01/93
26	sn120 (n,t**)	)in118n	705	37	12/01/93

#	target	product	mt	# engeries	date
1	sn121 (n,n	)sn121	4	1	12/01/93
2	sn121 (n,2n	)sn120	16	28	12/01/93
3	sn121 (n,3n	)sn119	17	21	12/01/93
4	sn121 (n,na	)cd117	22	51	12/01/93
5	sn121 (n,np	)in120	28	24	12/01/93
6	sn121 (n,nd	)in119	32	19	12/01/93
7	sn121 (n,nt	)in118	33	10	12/01/93
8	sn121 (n,g	)sn122	102	387	12/01/93
9	sn121 (n,p	)in121	103	64	12/01/93
10	sn121 (n,d	)in120	104	42	12/01/93
11	sn121 (n,t	)in119	105	45	12/01/93
12	sn121 (n,h	)cd119	106	19	12/01/93
13	sn121 (n,a	)cd118	107	79	12/01/93
14	sn121 (n,2p	)cd120	111	26	12/01/93
15	sn121 (n,n*	)sn121m	304	48	12/01/93
16	sn121 (n,2n*	)sn120m	316	28	12/01/93
17	sn121 (n,3n*	)sn119m	317	21	12/01/93
18	sn121 (n,na*	)cd117m	322	51	12/01/93
19	sn121 (n,np*	)in120m	328	24	12/01/93
20	sn121 (n,nd*	)in119m	332	17	12/01/93
21	sn121 (n,nt*	)in118m	333	10	12/01/93

#	target	product	mt	# engeries	date
22	sn121 (n,p*	)in121m	403	64	12/01/93
23	sn121 (n,d*	)in120m	404	42	12/01/93
24	sn121 (n,t*	)in119m	405	42	12/01/93
25	sn121 (n,h*	)cd119m	406	19	12/01/93
26	sn121 (n,np**	)in120n	628	24	12/01/93
27	sn121 (n,nt**	)in118n	633	8	12/01/93
28	sn121 (n,d**	)in120n	704	42	12/01/93

#	target	product	mt	# engeries	date
1	sn121m(n,n	)sn121	4	48	12/01/93
2	sn121m(n,2n	)sn120	16	28	12/01/93
3	sn121m(n,3n	)sn119	17	21	12/01/93
4	sn121m(n,na	)cd117	22	51	12/01/93
5	sn121m(n,np	)in120	28	24	12/01/93
6	sn121m(n,nd	)in119	32	19	12/01/93
7	sn121m(n,nt	)in118	33	10	12/01/93
8	sn121m(n,g	)sn122	102	387	12/01/93
9	sn121m(n,p	)in121	103	64	12/01/93
10	sn121m(n,d	)in120	104	42	12/01/93
11	sn121m(n,t	)in119	105	45	12/01/93
12	sn121m(n,h	)cd119	106	19	12/01/93
13	sn121m(n,a	)cd118	107	79	12/01/93
14	sn121m(n,2p	)cd120	111	26	12/01/93
15	sn121m(n,2n*	)sn120m	316	28	12/01/93
16	sn121m(n,3n*	)sn119m	317	21	12/01/93
17	sn121m(n,na*	)cd117m	322	51	12/01/93
18	sn121m(n,np*	)in120m	328	24	12/01/93
19	sn121m(n,nd*	)in119m	332	17	12/01/93
20	sn121m(n,nt*	)in118m	333	10	12/01/93
21	sn121m(n,p*	)in121m	403	64	12/01/93
22	sn121m(n,d*	)in120m	404	42	12/01/93
23	sn121m(n,t*	)in119m	405	42	12/01/93
24	sn121m(n,h*	)cd119m	406	19	12/01/93
25	sn121m(n,np**	)in120n	628	24	12/01/93
26	sn121m(n,nt**	)in118n	633	8	12/01/93
27	sn121m(n,d**	)in120n	704	42	12/01/93

#	target	product	mt	# engeries	date
1	sn122 (n,2n	)sn121	16	26	12/01/93
2	sn122 (n,3n	)sn120	17	18	12/01/93
3	sn122 (n,na	)cd118	22	52	12/01/93
4	sn122 (n,np	)in121	28	29	12/01/93
5	sn122 (n,nd	)in120	32	8	12/01/93
6	sn122 (n,nt	)in119	33	9	12/01/93
7	sn122 (n,g	)sn123	102	2061	12/01/93
8	sn122 (n,p	)in122	103	50	12/01/93
9	sn122 (n,d	)in121	104	41	12/01/93
10	sn122 (n,t	)in120	105	35	12/01/93
11	sn122 (n,h	)cd120	106	13	12/01/93
12	sn122 (n,a	)cd119	107	59	12/01/93
13	sn122 (n,2p	)cd121	111	19	12/01/93
14	sn122 (n,2n*	)sn121m	316	28	12/01/93
15	sn122 (n,3n*	)sn120m	317	18	12/01/93
16	sn122 (n,np*	)in121m	328	27	12/01/93
17	sn122 (n,nd*	)in120m	332	8	12/01/93
18	sn122 (n,nt*	)in119m	333	7	12/01/93
19	sn122 (n,g*	)sn123m	402	2057	12/01/93
20	sn122 (n,p*	)in122m	403	50	12/01/93
21	sn122 (n,d*	)in121m	404	39	12/01/93
22	sn122 (n,t*	)in120m	405	35	12/01/93
23	sn122 (n,a*	)cd119m	407	59	12/01/93
24	sn122 (n,2p*	)cd121m	411	19	12/01/93
25	sn122 (n,nd**	)in120n	632	8	12/01/93
26	sn122 (n,p**	)in122n	703	50	12/01/93
27	sn122 (n,t**	)in120n	705	35	12/01/93

#	target	product	mt	# engeries	date
1	sn123 (n,n)	)sn123	4	1	12/01/93
2	sn123 (n,2n)	)sn122	16	36	12/01/93
3	sn123 (n,3n)	)sn121	17	22	12/01/93
4	sn123 (n,na)	)cd119	22	50	12/01/93
5	sn123 (n,np)	)in122	28	21	12/01/93
6	sn123 (n,nd)	)in121	32	18	12/01/93
7	sn123 (n,nt)	)in120	33	9	12/01/93
8	sn123 (n,g)	)sn124	102	434	12/01/93
9	sn123 (n,p)	)in123	103	58	12/01/93
10	sn123 (n,d)	)in122	104	41	12/01/93
11	sn123 (n,t)	)in121	105	44	12/01/93
12	sn123 (n,h)	)cd121	106	23	12/01/93
13	sn123 (n,a)	)cd120	107	66	12/01/93
14	sn123 (n,2p)	)cd122	111	24	12/01/93
15	sn123 (n,n*)	)sn123m	304	50	12/01/93
16	sn123 (n,3n*)	)sn121m	317	22	12/01/93
17	sn123 (n,na*)	)cd119m	322	50	12/01/93
18	sn123 (n,np*)	)in122m	328	21	12/01/93
19	sn123 (n,nd*)	)in121m	332	16	12/01/93
20	sn123 (n,nt*)	)in120m	333	9	12/01/93
21	sn123 (n,p*)	)in123m	403	58	12/01/93
22	sn123 (n,d*)	)in122m	404	41	12/01/93
23	sn123 (n,t*)	)in121m	405	41	12/01/93
24	sn123 (n,h*)	)cd121m	406	23	12/01/93
25	sn123 (n,np**)	)in122n	628	21	12/01/93
26	sn123 (n,nt**)	)in120n	633	9	12/01/93
27	sn123 (n,d**)	)in122n	704	38	12/01/93

#	target	product	mt	# engeries	date
1	sn124 (n,2n)	)sn123	16	33	12/01/93
2	sn124 (n,3n)	)sn122	17	19	12/01/93
3	sn124 (n,na)	)cd120	22	34	12/01/93
4	sn124 (n,np)	)in123	28	27	12/01/93
5	sn124 (n,nd)	)in122	32	8	12/01/93
6	sn124 (n,nt)	)in121	33	9	12/01/93
7	sn124 (n,g)	)sn125	102	1882	12/01/93
8	sn124 (n,p)	)in124	103	48	12/01/93
9	sn124 (n,d)	)in123	104	40	12/01/93
10	sn124 (n,t)	)in122	105	33	12/01/93
11	sn124 (n,h)	)cd122	106	17	12/01/93
12	sn124 (n,a)	)cd121	107	64	12/01/93
13	sn124 (n,2p)	)cd123	111	13	12/01/93
14	sn124 (n,2n*)	)sn123m	316	33	12/01/93
15	sn124 (n,np*)	)in123m	328	25	12/01/93
16	sn124 (n,nd*)	)in122m	332	8	12/01/93
17	sn124 (n,nt*)	)in121m	333	7	12/01/93
18	sn124 (n,g*)	)sn125m	402	1884	12/01/93
19	sn124 (n,p*)	)in124m	403	45	12/01/93
20	sn124 (n,d*)	)in123m	404	38	12/01/93
21	sn124 (n,t*)	)in122m	405	33	12/01/93
22	sn124 (n,a*)	)cd121m	407	64	12/01/93
23	sn124 (n,nd**)	)in122n	632	6	12/01/93
24	sn124 (n,t**)	)in122n	705	33	12/01/93

1	sn125 (n,n)	)sn125	4	1	12/01/93
2	sn125 (n,2n)	)sn124	16	34	12/01/93
3	sn125 (n,3n)	)sn123	17	23	12/01/93
4	sn125 (n,na)	)cd121	22	55	12/01/93
5	sn125 (n,np)	)in124	28	22	12/01/93
6	sn125 (n,nd)	)in123	32	16	12/01/93
7	sn125 (n,nt)	)in122	33	9	12/01/93
8	sn125 (n,g)	)sn126	102	465	12/01/93
9	sn125 (n,p)	)in125	103	54	12/01/93
10	sn125 (n,d)	)in124	104	38	12/01/93
11	sn125 (n,t)	)in123	105	41	12/01/93
12	sn125 (n,h)	)cd123	106	15	12/01/93
13	sn125 (n,a)	)cd122	107	73	12/01/93
14	sn125 (n,2p)	)cd124	111	19	12/01/93
15	sn125 (n,n*)	)sn125m	304	46	12/01/93
16	sn125 (n,3n*)	)sn123m	317	23	12/01/93
17	sn125 (n,na*)	)cd121m	322	55	12/01/93
18	sn125 (n,np*)	)in124m	328	22	12/01/93
19	sn125 (n,nd*)	)in123m	332	14	12/01/93

#	target	product	mt	# engeries	date
20	sn125 (n,nt*)	)in122m	333	9	12/01/93
21	sn125 (n,p*)	)in125m	403	54	12/01/93
22	sn125 (n,d*)	)in124m	404	37	12/01/93
23	sn125 (n,t*)	)in123m	405	39	12/01/93
24	sn125 (n,nt**)	)in122n	633	7	12/01/93

#	target	product	mt	# engeries	date
1	sn126 (n,2n)	)sn125	16	36	12/01/93
2	sn126 (n,3n)	)sn124	17	20	12/01/93
3	sn126 (n,na)	)cd122	22	52	12/01/93
4	sn126 (n,np)	)in125	28	26	12/01/93
5	sn126 (n,nd)	)in124	32	7	12/01/93
6	sn126 (n,nt)	)in123	33	8	12/01/93
7	sn126 (n,g)	)sn127	102	399	12/01/93
8	sn126 (n,p)	)in126	103	45	12/01/93
9	sn126 (n,d)	)in125	104	37	12/01/93
10	sn126 (n,t)	)in124	105	34	12/01/93
11	sn126 (n,h)	)cd124	106	11	12/01/93
12	sn126 (n,a)	)cd123	107	56	12/01/93
13	sn126 (n,2p)	)cd125	111	4	12/01/93
14	sn126 (n,2n*)	)sn125m	316	36	12/01/93
15	sn126 (n,np*)	)in125m	328	24	12/01/93
16	sn126 (n,nd*)	)in124m	332	7	12/01/93
17	sn126 (n,nt*)	)in123m	333	8	12/01/93
18	sn126 (n,g*)	)sn127m	402	399	12/01/93
19	sn126 (n,p*)	)in126m	403	42	12/01/93
20	sn126 (n,d*)	)in125m	404	37	12/01/93
21	sn126 (n,t*)	)in124m	405	32	12/01/93

1	sb119 (n,2n)	)sb118	16	24	12/01/93
2	sb119 (n,3n)	)sb117	17	13	12/01/93
3	sb119 (n,na)	)in115	22	70	12/01/93
4	sb119 (n,np)	)sn118	28	40	12/01/93
5	sb119 (n,nd)	)sn117	32	18	12/01/93
6	sb119 (n,nt)	)sn116	33	25	12/01/93
7	sb119 (n,g)	)sb120	102	407	12/01/93
8	sb119 (n,p)	)sn119	103	77	12/01/93
9	sb119 (n,d)	)sn118	104	65	12/01/93
10	sb119 (n,t)	)sn117	105	51	12/01/93
11	sb119 (n,h)	)in117	106	37	12/01/93
12	sb119 (n,a)	)in116	107	83	12/01/93
13	sb119 (n,2p)	)in118	111	39	12/01/93
14	sb119 (n,2n*)	)sb118m	316	24	12/01/93
15	sb119 (n,3n*)	)sb117m	317	13	12/01/93
16	sb119 (n,na*)	)in115m	322	66	12/01/93
17	sb119 (n,nd*)	)sn117m	332	17	12/01/93
18	sb119 (n,g*)	)sb120m	402	407	12/01/93
19	sb119 (n,p*)	)sn119m	403	77	12/01/93
20	sb119 (n,t*)	)sn117m	405	51	12/01/93
21	sb119 (n,h*)	)in117m	406	37	12/01/93
22	sb119 (n,a*)	)in116m	407	83	12/01/93
23	sb119 (n,2p*)	)in118m	411	39	12/01/93
24	sb119 (n,a**)	)in116n	707	83	12/01/93
25	sb119 (n,2p**)	)in118n	711	39	12/01/93

#	target	product	mt	# engeries	date
1	sb120m(n,n)	)sb120	4	41	12/01/93
2	sb120m(n,2n)	)sb119	16	25	12/01/93
3	sb120m(n,3n)	)sb118	17	16	12/01/93
4	sb120m(n,na)	)in116	22	64	12/01/93
5	sb120m(n,np)	)sn119	28	35	12/01/93
6	sb120m(n,nd)	)sn118	32	34	12/01/93
7	sb120m(n,nt)	)sn117	33	25	12/01/93
8	sb120m(n,g)	)sb121	102	396	12/01/93
9	sb120m(n,p)	)sn120	103	74	12/01/93
10	sb120m(n,d)	)sn119	104	58	12/01/93
11	sb120m(n,t)	)sn118	105	59	12/01/93
12	sb120m(n,h)	)in118	106	35	12/01/93
13	sb120m(n,a)	)in117	107	79	12/01/93
14	sb120m(n,2p)	)in119	111	44	12/01/93
15	sb120m(n,3n*)	)sb118m	317	16	12/01/93
16	sb120m(n,na*)	)in116m	322	64	12/01/93

#	target	product	mt	# engeries	date
17	sb120m(n,np*)	)sn119m	328	35	12/01/93
18	sb120m(n,nt*)	)sn117m	333	25	12/01/93
19	sb120m(n,g*)	)sb121m	402	396	12/01/93
20	sb120m(n,p*)	)sn120m	403	74	12/01/93
21	sb120m(n,d*)	)sn119m	404	56	12/01/93
22	sb120m(n,h*)	)in118m	406	35	12/01/93
23	sb120m(n,a*)	)in117m	407	79	12/01/93
24	sb120m(n,2p*)	)in119m	411	44	12/01/93
25	sb120m(n,na**)	)in116n	622	64	12/01/93
26	sb120m(n,h**)	)in118n	706	35	12/01/93

#	target	product	mt	# engeries	date
1	sb121 (n,2n	)sb120	16	27	12/01/93
2	sb121 (n,3n	)sb119	17	19	12/01/93
3	sb121 (n,na	)in117	22	61	12/01/93
4	sb121 (n,np	)sn120	28	41	12/01/93
5	sb121 (n,nd	)sn119	32	18	12/01/93
6	sb121 (n,nt	)sn118	33	26	12/01/93
7	sb121 (n,g	)sb122	102	1270	12/01/93
8	sb121 (n,p	)sn121	103	84	12/01/93
9	sb121 (n,d	)sn120	104	59	12/01/93
10	sb121 (n,t	)sn119	105	51	12/01/93
11	sb121 (n,h	)in119	106	31	12/01/93
12	sb121 (n,a	)in118	107	80	12/01/93
13	sb121 (n,2p	)in120	111	33	12/01/93
14	sb121 (n,2n*	)sb120m	316	27	12/01/93
15	sb121 (n,na*	)in117m	322	61	12/01/93
16	sb121 (n,np*	)sn120m	328	41	12/01/93
17	sb121 (n,nd*	)sn119m	332	18	12/01/93
18	sb121 (n,g*	)sb122m	402	1276	12/01/93
19	sb121 (n,p*	)sn121m	403	85	12/01/93
20	sb121 (n,d*	)sn120m	404	59	12/01/93
21	sb121 (n,t*	)sn119m	405	48	12/01/93
22	sb121 (n,h*	)in119m	406	31	12/01/93
23	sb121 (n,a*	)in118m	407	79	12/01/93
24	sb121 (n,2p*	)in120m	411	33	12/01/93
25	sb121 (n,a**)	)in118n	707	80	12/01/93
26	sb121 (n,2p**)	)in120n	711	33	12/01/93

#	target	product	mt	# engeries	date
1	sb122 (n,n	)sb122	4	1	12/01/93
2	sb122 (n,2n	)sb121	16	31	12/01/93
3	sb122 (n,3n	)sb120	17	17	12/01/93
4	sb122 (n,na	)in118	22	61	12/01/93
5	sb122 (n,np	)sn121	28	36	12/01/93
6	sb122 (n,nd	)sn120	32	32	12/01/93
7	sb122 (n,nt	)sn119	33	24	12/01/93
8	sb122 (n,g	)sb123	102	401	12/01/93
9	sb122 (n,p	)sn122	103	78	12/01/93
10	sb122 (n,d	)sn121	104	56	12/01/93
11	sb122 (n,t	)sn120	105	58	12/01/93
12	sb122 (n,h	)in120	106	27	12/01/93
13	sb122 (n,a	)in119	107	82	12/01/93
14	sb122 (n,2p	)in121	111	37	12/01/93
15	sb122 (n,n*	)sb122m	304	53	12/01/93
16	sb122 (n,2n*	)sb121m	316	31	12/01/93
17	sb122 (n,3n*	)sb120m	317	17	12/01/93
18	sb122 (n,na*	)in118m	322	61	12/01/93
19	sb122 (n,np*	)sn121m	328	36	12/01/93
20	sb122 (n,nd*	)sn120m	332	32	12/01/93
21	sb122 (n,nt*	)sn119m	333	24	12/01/93
22	sb122 (n,d*	)sn121m	404	56	12/01/93
23	sb122 (n,t*	)sn120m	405	58	12/01/93
24	sb122 (n,h*	)in120m	406	27	12/01/93
25	sb122 (n,a*	)in119m	407	82	12/01/93
26	sb122 (n,2p*	)in121m	411	37	12/01/93
27	sb122 (n,na**)	)in118n	622	57	12/01/93
28	sb122 (n,h**)	)in120n	706	27	12/01/93

#	target	product	mt	# engeries	date
1	sb123 (n,2n)	)sb122	16	26	12/01/93
2	sb123 (n,3n)	)sb121	17	20	12/01/93
3	sb123 (n,na)	)in119	22	59	12/01/93
4	sb123 (n,np)	)an122	28	39	12/01/93
5	sb123 (n,nd)	)an121	32	16	12/01/93
6	sb123 (n,nt)	)an120	33	25	12/01/93
7	sb123 (n,g)	)sb124	102	8359	12/01/93
8	sb123 (n,p)	)an123	103	73	12/01/93
9	sb123 (n,d)	)an122	104	57	12/01/93
10	sb123 (n,t)	)an121	105	49	12/01/93
11	sb123 (n,h)	)in121	106	25	12/01/93
12	sb123 (n,a)	)in120	107	72	12/01/93
13	sb123 (n,2p)	)in122	111	28	12/01/93
14	sb123 (n,2n*)	)sb122m	316	26	12/01/93
15	sb123 (n,3n*)	)sb121m	317	20	12/01/93
16	sb123 (n,na*)	)in119m	322	57	12/01/93
17	sb123 (n,nd*)	)an121m	332	16	12/01/93
18	sb123 (n,nt*)	)an120m	333	25	12/01/93
19	sb123 (n,g*)	)sb124m	402	8361	12/01/93
20	sb123 (n,p*)	)an123m	403	73	12/01/93
21	sb123 (n,t*)	)an121m	405	49	12/01/93
22	sb123 (n,h*)	)in121m	406	25	12/01/93
23	sb123 (n,a*)	)in120m	407	71	12/01/93
24	sb123 (n,2p*)	)in122m	411	28	12/01/93
25	sb123 (n,g**)	)sb124n	702	8358	12/01/93
26	sb123 (n,a**)	)in120n	707	72	12/01/93
27	sb123 (n,2p**)	)in122n	711	28	12/01/93

#	target	product	mt	# engeries	date
1	sb124 (n,n)	)sb124	4	1	12/01/93
2	sb124 (n,2n)	)sb123	16	27	12/01/93
3	sb124 (n,3n)	)sb122	17	17	12/01/93
4	sb124 (n,na)	)in120	22	57	12/01/93
5	sb124 (n,np)	)an123	28	35	12/01/93
6	sb124 (n,nd)	)an122	32	31	12/01/93
7	sb124 (n,nt)	)an121	33	23	12/01/93
8	sb124 (n,g)	)sb125	102	396	12/01/93
9	sb124 (n,p)	)an124	103	77	12/01/93
10	sb124 (n,d)	)an123	104	54	12/01/93
11	sb124 (n,t)	)an122	105	55	12/01/93
12	sb124 (n,h)	)in122	106	21	12/01/93
13	sb124 (n,a)	)in121	107	77	12/01/93
14	sb124 (n,2p)	)in123	111	33	12/01/93
15	sb124 (n,n*)	)sb124m	304	50	12/01/93
16	sb124 (n,3n*)	)sb122m	317	17	12/01/93
17	sb124 (n,na*)	)in120m	322	57	12/01/93
18	sb124 (n,np*)	)an123m	328	35	12/01/93
19	sb124 (n,nt*)	)an121m	333	23	12/01/93
20	sb124 (n,d*)	)an123m	404	54	12/01/93
21	sb124 (n,h*)	)in122m	406	21	12/01/93
22	sb124 (n,a*)	)in121m	407	77	12/01/93
23	sb124 (n,2p*)	)in123m	411	33	12/01/93
24	sb124 (n,n**)	)sb124n	604	50	12/01/93
25	sb124 (n,na**)	)in120n	622	57	12/01/93
26	sb124 (n,h**)	)in122n	706	21	12/01/93

#	target	product	mt	# engeries	date
1	sb125 (n,2n)	)sb124	16	30	12/01/93
2	sb125 (n,3n)	)sb123	17	19	12/01/93
3	sb125 (n,na)	)in121	22	55	12/01/93
4	sb125 (n,np)	)an124	28	39	12/01/93
5	sb125 (n,nd)	)an123	32	15	12/01/93
6	sb125 (n,nt)	)an122	33	24	12/01/93
7	sb125 (n,g)	)sb126	102	426	12/01/93
8	sb125 (n,p)	)an125	103	68	12/01/93
9	sb125 (n,d)	)an124	104	52	12/01/93
10	sb125 (n,t)	)an123	105	48	12/01/93
11	sb125 (n,h)	)in123	106	19	12/01/93
12	sb125 (n,a)	)in122	107	63	12/01/93
13	sb125 (n,2p)	)in124	111	20	12/01/93
14	sb125 (n,2n*)	)sb124m	316	30	12/01/93
15	sb125 (n,na*)	)in121m	322	53	12/01/93

#	target	product	mt	# engseries	date
16	sb125 (n,nd*)	)sn123m	332	15	12/01/93
17	sb125 (n,g*)	)sb126m	402	437	12/01/93
18	sb125 (n,p*)	)sn125m	403	68	12/01/93
19	sb125 (n,t*)	)sn123m	405	48	12/01/93
20	sb125 (n,h*)	)in123m	406	19	12/01/93
21	sb125 (n,a*)	)in122m	407	62	12/01/93
22	sb125 (n,2p*)	)in124m	411	20	12/01/93
23	sb125 (n,2n**)	)sb124n	616	30	12/01/93
24	sb125 (n,g**)	)sb126n	702	437	12/01/93
25	sb125 (n,a**)	)in122n	707	63	12/01/93

#	target	product	mt	# engseries	date
1	sb126 (n,n)	)sb126	4	1	12/01/93
2	sb126 (n,2n)	)sb125	16	29	12/01/93
3	sb126 (n,3n)	)sb124	17	18	12/01/93
4	sb126 (n,na)	)in122	22	52	12/01/93
5	sb126 (n,np)	)sn125	28	31	12/01/93
6	sb126 (n,nd)	)sn124	32	30	12/01/93
7	sb126 (n,nt)	)sn123	33	22	12/01/93
8	sb126 (n,g)	)sb127	102	450	12/01/93
9	sb126 (n,p)	)sn126	103	81	12/01/93
10	sb126 (n,d)	)sn125	104	49	12/01/93
11	sb126 (n,t)	)sn124	105	52	12/01/93
12	sb126 (n,h)	)in124	106	17	12/01/93
13	sb126 (n,a)	)in123	107	75	12/01/93
14	sb126 (n,2p)	)in125	111	26	12/01/93
15	sb126 (n,n*)	)sb126m	304	48	12/01/93
16	sb126 (n,3n*)	)sb124m	317	18	12/01/93
17	sb126 (n,na*)	)in122m	322	52	12/01/93
18	sb126 (n,np*)	)sn125m	328	31	12/01/93
19	sb126 (n,nt*)	)sn123m	333	22	12/01/93
20	sb126 (n,d*)	)sn125m	404	49	12/01/93
21	sb126 (n,h*)	)in124m	406	17	12/01/93
22	sb126 (n,a*)	)in123m	407	75	12/01/93
23	sb126 (n,2p*)	)in125m	411	26	12/01/93
24	sb126 (n,n**)	)sb126n	604	49	12/01/93
25	sb126 (n,3n**)	)sb124n	617	18	12/01/93
26	sb126 (n,na**)	)in122n	622	52	12/01/93

#	target	product	mt	# engseries	date
1	sb127 (n,2n)	)sb126	16	38	12/01/93
2	sb127 (n,3n)	)sb125	17	22	12/01/93
3	sb127 (n,na)	)in123	22	54	12/01/93
4	sb127 (n,np)	)sn126	28	36	12/01/93
5	sb127 (n,nd)	)sn125	32	15	12/01/93
6	sb127 (n,nt)	)sn124	33	23	12/01/93
7	sb127 (n,g)	)sb128	102	406	12/01/93
8	sb127 (n,p)	)sn127	103	64	12/01/93
9	sb127 (n,d)	)sn126	104	51	12/01/93
10	sb127 (n,t)	)sn125	105	46	12/01/93
11	sb127 (n,h)	)in125	106	13	12/01/93
12	sb127 (n,a)	)in124	107	57	12/01/93
13	sb127 (n,2p)	)in126	111	9	12/01/93
14	sb127 (n,2n*)	)sb126m	316	38	12/01/93
15	sb127 (n,na*)	)in123m	322	52	12/01/93
16	sb127 (n,nd*)	)sn125m	332	15	12/01/93
17	sb127 (n,g*)	)sb128m	402	406	12/01/93
18	sb127 (n,p*)	)sn127m	403	64	12/01/93
19	sb127 (n,t*)	)sn125m	405	46	12/01/93
20	sb127 (n,h*)	)in125m	406	13	12/01/93
21	sb127 (n,a*)	)in124m	407	57	12/01/93
22	sb127 (n,2p*)	)in126m	411	9	12/01/93
23	sb127 (n,2n**)	)sb126n	616	38	12/01/93

1	te118 (n,2n)	)te117	16	22	12/01/93
2	te118 (n,3n)	)te116	17	9	12/01/93
3	te118 (n,na)	)sn114	22	88	12/01/93
4	te118 (n,np)	)sb117	28	40	12/01/93
5	te118 (n,nd)	)sb116	32	16	12/01/93
6	te118 (n,nt)	)sb115	33	12	12/01/93
7	te118 (n,nh)	)sn115	34	8	12/01/93
8	te118 (n,g)	)te119	102	384	12/01/93

#	target	product	mt	# engeries	date
9	te118 (n,p	)sb118	103	81	12/01/93
10	te118 (n,d	)sb117	104	58	12/01/93
11	te118 (n,t	)sb116	105	47	12/01/93
12	te118 (n,h	)an116	106	53	12/01/93
13	te118 (n,a	)an115	107	79	12/01/93
14	te118 (n,2p	)an117	111	47	12/01/93
15	te118 (n,2n*	)te117m	316	22	12/01/93
16	te118 (n,np*	)sb117m	328	40	12/01/93
17	te118 (n,nd*	)sb116m	332	14	12/01/93
18	te118 (n,g*	)te119m	402	384	12/01/93
19	te118 (n,p*	)sb118m	403	80	12/01/93
20	te118 (n,d*	)sb117m	404	58	12/01/93
21	te118 (n,t*	)sb116m	405	44	12/01/93
22	te118 (n,2p*	)an117m	411	47	12/01/93

#	target	product	mt	# engeries	date
1	te119 (n,n	)te119	4	1	12/01/93
2	te119 (n,2n	)te118	16	21	12/01/93
3	te119 (n,3n	)te117	17	13	12/01/93
4	te119 (n,na	)an115	22	84	12/01/93
5	te119 (n,np	)sb118	28	35	12/01/93
6	te119 (n,nd	)sb117	32	27	12/01/93
7	te119 (n,nt	)sb116	33	13	12/01/93
8	te119 (n,nh	)an116	34	17	12/01/93
9	te119 (n,g	)te120	102	398	12/01/93
10	te119 (n,p	)sb119	103	75	12/01/93
11	te119 (n,d	)sb118	104	55	12/01/93
12	te119 (n,t	)sb117	105	54	12/01/93
13	te119 (n,h	)an117	106	50	12/01/93
14	te119 (n,a	)an116	107	75	12/01/93
15	te119 (n,2p	)an118	111	51	12/01/93
16	te119 (n,n*	)te119m	304	38	12/01/93
17	te119 (n,3n*	)te117m	317	9	12/01/93
18	te119 (n,np*	)sb118m	328	35	12/01/93
19	te119 (n,nd*	)sb117m	332	27	12/01/93
20	te119 (n,nt*	)sb116m	333	11	12/01/93
21	te119 (n,d*	)sb118m	404	53	12/01/93
22	te119 (n,t*	)sb117m	405	54	12/01/93
23	te119 (n,h*	)an117m	406	50	12/01/93

1	te119m(n,n	)te119	4	39	12/01/93
2	te119m(n,2n	)te118	16	21	12/01/93
3	te119m(n,3n	)te117	17	9	12/01/93
4	te119m(n,na	)an115	22	84	12/01/93
5	te119m(n,np	)sb118	28	34	12/01/93
6	te119m(n,nd	)sb117	32	25	12/01/93
7	te119m(n,nt	)sb116	33	11	12/01/93
8	te119m(n,nh	)an116	34	17	12/01/93
9	te119m(n,g	)te120	102	398	12/01/93
10	te119m(n,p	)sb119	103	75	12/01/93
11	te119m(n,d	)sb118	104	53	12/01/93
12	te119m(n,t	)sb117	105	51	12/01/93
13	te119m(n,h	)an117	106	50	12/01/93
14	te119m(n,a	)an116	107	75	12/01/93
15	te119m(n,2p	)an118	111	51	12/01/93
16	te119m(n,3n*	)te117m	317	9	12/01/93
17	te119m(n,np*	)sb118m	328	32	12/01/93
18	te119m(n,nd*	)sb117m	332	25	12/01/93
19	te119m(n,nt*	)sb116m	333	10	12/01/93
20	te119m(n,d*	)sb118m	404	53	12/01/93
21	te119m(n,t*	)sb117m	405	51	12/01/93
22	te119m(n,h*	)an117m	406	50	12/01/93

#	target	product	mt	# engeries	date
1	te120 (n,2n	)te119	16	27	12/01/93
2	te120 (n,3n	)te118	17	11	12/01/93
3	te120 (n,na	)an116	22	87	12/01/93
4	te120 (n,np	)sb119	28	38	12/01/93
5	te120 (n,nd	)sb118	32	14	12/01/93
6	te120 (n,nt	)sb117	33	12	12/01/93
7	te120 (n,g	)te121	102	446	12/01/93
8	te120 (n,p	)sb120	103	81	12/01/93

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of

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#	target	product	mt	# engeries	date
9	te120 (n,d)	)sb119	104	53	12/01/93
10	te120 (n,t)	)sb118	105	46	12/01/93
11	te120 (n,h)	)an118	106	46	12/01/93
12	te120 (n,a)	)an117	107	81	12/01/93
13	te120 (n,2p)	)an119	111	39	12/01/93
14	te120 (n,2n*)	)te119m	316	24	12/01/93
15	te120 (n,nd*)	)sb118m	332	14	12/01/93
16	te120 (n,nt*)	)sb117m	333	12	12/01/93
17	te120 (n,g*)	)te121m	402	446	12/01/93
18	te120 (n,p*)	)sb120m	403	81	12/01/93
19	te120 (n,t*)	)sb118m	405	43	12/01/93
20	te120 (n,e*)	)an117m	407	82	12/01/93
21	te120 (n,2p*)	)an119m	411	39	12/01/93

1	te121 (n,n)	)te121	4	1	12/01/93
2	te121 (n,2n)	)te120	16	24	12/01/93
3	te121 (n,3n)	)te119	17	13	12/01/93
4	te121 (n,na)	)an117	22	77	12/01/93
5	te121 (n,np)	)sb120	28	33	12/01/93
6	te121 (n,nd)	)sb119	32	26	12/01/93
7	te121 (n,nt)	)sb118	33	12	12/01/93
8	te121 (n,nh)	)an118	34	13	12/01/93
9	te121 (n,g)	)te122	102	393	12/01/93
10	te121 (n,p)	)sb121	103	78	12/01/93
11	te121 (n,d)	)sb120	104	51	12/01/93
12	te121 (n,t)	)sb119	105	52	12/01/93
13	te121 (n,h)	)an119	106	45	12/01/93
14	te121 (n,a)	)an118	107	78	12/01/93
15	te121 (n,2p)	)an120	111	45	12/01/93
16	te121 (n,n*)	)te121m	304	39	12/01/93
17	te121 (n,3n*)	)te119m	317	13	12/01/93
18	te121 (n,na*)	)an117m	322	77	12/01/93
19	te121 (n,np*)	)sb120m	328	33	12/01/93
20	te121 (n,nt*)	)sb118m	333	12	12/01/93
21	te121 (n,p*)	)sb121m	403	78	12/01/93
22	te121 (n,d*)	)sb120m	404	51	12/01/93
23	te121 (n,h*)	)an119m	406	45	12/01/93
24	te121 (n,2p*)	)an120m	411	45	12/01/93

#	target	product	mt	# engeries	date
1	te121m(n,n)	)te121	4	40	12/01/93
2	te121m(n,2n)	)te120	16	21	12/01/93
3	te121m(n,3n)	)te119	17	12	12/01/93
4	te121m(n,na)	)an117	22	73	12/01/93
5	te121m(n,np)	)sb120	28	30	12/01/93
6	te121m(n,nd)	)sb119	32	24	12/01/93
7	te121m(n,nt)	)sb118	33	12	12/01/93
8	te121m(n,nh)	)an118	34	13	12/01/93
9	te121m(n,g)	)te122	102	393	12/01/93
10	te121m(n,p)	)sb121	103	78	12/01/93
11	te121m(n,d)	)sb120	104	51	12/01/93
12	te121m(n,t)	)sb119	105	49	12/01/93
13	te121m(n,h)	)an119	106	45	12/01/93
14	te121m(n,a)	)an118	107	78	12/01/93
15	te121m(n,2p)	)an120	111	45	12/01/93
16	te121m(n,3n*)	)te119m	317	10	12/01/93
17	te121m(n,na*)	)an117m	322	70	12/01/93
18	te121m(n,np*)	)sb120m	328	30	12/01/93
19	te121m(n,nt*)	)sb118m	333	10	12/01/93
20	te121m(n,p*)	)sb121m	403	78	12/01/93
21	te121m(n,d*)	)sb120m	404	51	12/01/93
22	te121m(n,h*)	)an119m	406	45	12/01/93
23	te121m(n,2p*)	)an120m	411	45	12/01/93

1	te122 (n,2n)	)te121	16	29	12/01/93
2	te122 (n,3n)	)te120	17	15	12/01/93
3	te122 (n,na)	)an118	22	75	12/01/93
4	te122 (n,np)	)sb121	28	35	12/01/93
5	te122 (n,nd)	)sb120	32	13	12/01/93
6	te122 (n,nt)	)sb119	33	12	12/01/93
7	te122 (n,g)	)te123	102	6889	12/01/93
8	te122 (n,p)	)sb122	103	70	12/01/93
9	te122 (n,d)	)sb121	104	52	12/01/93

#	target	product	mt	# engeries	date
10	te122 (n,t	)sb120	105	44	12/01/93
11	te122 (n,h	)sn120	106	41	12/01/93
12	te122 (n,a	)sn119	107	82	12/01/93
13	te122 (n,2p	)sn121	111	35	12/01/93
14	te122 (n,2n*	)te121m	316	25	12/01/93
15	te122 (n,np*	)sb121m	328	35	12/01/93
16	te122 (n,nd*	)sb120m	332	13	12/01/93
17	te122 (n,g*	)te123m	402	6890	12/01/93
18	te122 (n,p*	)sb122m	403	70	12/01/93
19	te122 (n,d*	)sb121m	404	52	12/01/93
20	te122 (n,t*	)sb120m	405	44	12/01/93
21	te122 (n,h*	)sn120m	406	41	12/01/93
22	te122 (n,a*	)sn119m	407	82	12/01/93
23	te122 (n,2p*	)sn121m	411	35	12/01/93

#	target	product	mt	# engeries	date
1	te123 (n,n	)te123	4	1	12/01/93
2	te123 (n,2n	)te122	16	33	12/01/93
3	te123 (n,3n	)te121	17	18	12/01/93
4	te123 (n,na	)sn119	22	70	12/01/93
5	te123 (n,np	)sb122	28	31	12/01/93
6	te123 (n,nd	)sb121	32	25	12/01/93
7	te123 (n,nt	)sb120	33	12	12/01/93
8	te123 (n,nh	)sn120	34	6	12/01/93
9	te123 (n,g	)te124	102	6159	12/01/93
10	te123 (n,p	)sb123	103	79	12/01/93
11	te123 (n,d	)sb122	104	50	12/01/93
12	te123 (n,t	)sb121	105	48	12/01/93
13	te123 (n,h	)sn121	106	37	12/01/93
14	te123 (n,a	)sn120	107	78	12/01/93
15	te123 (n,2p	)sn122	111	39	12/01/93
16	te123 (n,n*	)te123m	304	48	12/01/93
17	te123 (n,3n*	)te121m	317	14	12/01/93
18	te123 (n,na*	)sn119m	322	70	12/01/93
19	te123 (n,np*	)sb122m	328	31	12/01/93
20	te123 (n,nd*	)sb121m	332	25	12/01/93
21	te123 (n,nt*	)sb120m	333	12	12/01/93
22	te123 (n,nh*	)sn120m	334	6	12/01/93
23	te123 (n,d*	)sb122m	404	48	12/01/93
24	te123 (n,t*	)sb121m	405	48	12/01/93
25	te123 (n,h*	)sn121m	406	37	12/01/93
26	te123 (n,a*	)sn120m	407	78	12/01/93

#	target	product	mt	# engeries	date
1	te123m(n,n	)te123	4	56	12/01/93
2	te123m(n,2n	)te122	16	27	12/01/93
3	te123m(n,3n	)te121	17	14	12/01/93
4	te123m(n,na	)sn119	22	70	12/01/93
5	te123m(n,np	)sb122	28	30	12/01/93
6	te123m(n,nd	)sb121	32	23	12/01/93
7	te123m(n,nt	)sb120	33	10	12/01/93
8	te123m(n,nh	)sn120	34	6	12/01/93
9	te123m(n,g	)te124	102	6159	12/01/93
10	te123m(n,p	)sb123	103	79	12/01/93
11	te123m(n,d	)sb122	104	47	12/01/93
12	te123m(n,t	)sb121	105	48	12/01/93
13	te123m(n,h	)sn121	106	37	12/01/93
14	te123m(n,a	)sn120	107	78	12/01/93
15	te123m(n,2p	)sn122	111	39	12/01/93
16	te123m(n,3n*	)te121m	317	14	12/01/93
17	te123m(n,na*	)sn119m	322	70	12/01/93
18	te123m(n,np*	)sb122m	328	28	12/01/93
19	te123m(n,nd*	)sb121m	332	23	12/01/93
20	te123m(n,nt*	)sb120m	333	10	12/01/93
21	te123m(n,nh*	)sn120m	334	6	12/01/93
22	te123m(n,d*	)sb122m	404	48	12/01/93
23	te123m(n,t*	)sb121m	405	48	12/01/93
24	te123m(n,h*	)sn121m	406	37	12/01/93
25	te123m(n,a*	)sn120m	407	78	12/01/93

#	target	product	mt	# engeries	date
1	te124 (n,2n)	)te123	16	24	12/01/93
2	te124 (n,3n)	)te122	17	17	12/01/93
3	te124 (n,na)	)an120	22	71	12/01/93
4	te124 (n,np)	)sb123	28	35	12/01/93
5	te124 (n,nd)	)sb122	32	13	12/01/93
6	te124 (n,nt)	)sb121	33	11	12/01/93
7	te124 (n,g)	)te125	102	7133	12/01/93
8	te124 (n,p)	)sb124	103	64	12/01/93
9	te124 (n,d)	)sb123	104	50	12/01/93
10	te124 (n,t)	)sb122	105	43	12/01/93
11	te124 (n,h)	)an122	106	35	12/01/93
12	te124 (n,a)	)an121	107	83	12/01/93
13	te124 (n,2p)	)an123	111	31	12/01/93
14	te124 (n,2n*)	)te123m	316	24	12/01/93
15	te124 (n,na*)	)an120m	322	71	12/01/93
16	te124 (n,nd*)	)sb122m	332	11	12/01/93
17	te124 (n,nt*)	)sb121m	333	11	12/01/93
18	te124 (n,g*)	)te125m	402	7134	12/01/93
19	te124 (n,p*)	)sb124m	403	64	12/01/93
20	te124 (n,t*)	)sb122m	405	43	12/01/93
21	te124 (n,a*)	)an121m	407	83	12/01/93
22	te124 (n,2p*)	)an123m	411	31	12/01/93
23	te124 (n,p**)	)sb124n	703	64	12/01/93

#	target	product	mt	# engeries	date
1	te125 (n,n)	)te125	4	1	12/01/93
2	te125 (n,2n)	)te124	16	26	12/01/93
3	te125 (n,3n)	)te123	17	17	12/01/93
4	te125 (n,na)	)an121	22	67	12/01/93
5	te125 (n,np)	)sb124	28	30	12/01/93
6	te125 (n,nd)	)sb123	32	25	12/01/93
7	te125 (n,nt)	)sb122	33	12	12/01/93
8	te125 (n,g)	)te126	102	6990	12/01/93
9	te125 (n,p)	)sb125	103	81	12/01/93
10	te125 (n,d)	)sb124	104	48	12/01/93
11	te125 (n,t)	)sb123	105	50	12/01/93
12	te125 (n,h)	)an123	106	33	12/01/93
13	te125 (n,a)	)an122	107	79	12/01/93
14	te125 (n,2p)	)an124	111	36	12/01/93
15	te125 (n,n*)	)te125m	304	48	12/01/93
16	te125 (n,3n*)	)te123m	317	17	12/01/93
17	te125 (n,na*)	)an121m	322	67	12/01/93
18	te125 (n,np*)	)sb124m	328	30	12/01/93
19	te125 (n,nt*)	)sb122m	333	12	12/01/93
20	te125 (n,d*)	)sb124m	404	48	12/01/93
21	te125 (n,h*)	)an123m	406	33	12/01/93
22	te125 (n,np**)	)sb124n	628	30	12/01/93
23	te125 (n,d**)	)sb124n	704	48	12/01/93

1	te125m(n,n)	)te125	4	49	12/01/93
2	te125m(n,2n)	)te124	16	26	12/01/93
3	te125m(n,3n)	)te123	17	17	12/01/93
4	te125m(n,na)	)an121	22	67	12/01/93
5	te125m(n,np)	)sb124	28	30	12/01/93
6	te125m(n,nd)	)sb123	32	25	12/01/93
7	te125m(n,nt)	)sb122	33	12	12/01/93
8	te125m(n,g)	)te126	102	6990	12/01/93
9	te125m(n,p)	)sb125	103	81	12/01/93
10	te125m(n,d)	)sb124	104	48	12/01/93
11	te125m(n,t)	)sb123	105	50	12/01/93
12	te125m(n,h)	)an123	106	33	12/01/93
13	te125m(n,a)	)an122	107	79	12/01/93
14	te125m(n,2p)	)an124	111	36	12/01/93
15	te125m(n,3n*)	)te123m	317	14	12/01/93
16	te125m(n,na*)	)an121m	322	67	12/01/93
17	te125m(n,np*)	)sb124m	328	30	12/01/93
18	te125m(n,nt*)	)sb122m	333	10	12/01/93
19	te125m(n,d*)	)sb124m	404	48	12/01/93
20	te125m(n,h*)	)an123m	406	33	12/01/93
21	te125m(n,np**)	)sb124n	628	30	12/01/93
22	te125m(n,d**)	)sb124n	704	48	12/01/93

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#	target	product	mt	# engeries	date
1	te126 (n,2n)	)te125	16	26	12/01/93
2	te126 (n,3n)	)te124	17	20	12/01/93
3	te126 (n,na)	)sn122	22	68	12/01/93
4	te126 (n,np)	)sb125	28	34	12/01/93
5	te126 (n,nd)	)sb124	32	12	12/01/93
6	te126 (n,nt)	)sb123	33	12	12/01/93
7	te126 (n,g)	)te127	102	4350	12/01/93
8	te126 (n,p)	)sb126	103	62	12/01/93
9	te126 (n,d)	)sb125	104	49	12/01/93
10	te126 (n,t)	)sb124	105	43	12/01/93
11	te126 (n,h)	)sn124	106	29	12/01/93
12	te126 (n,a)	)sn123	107	77	12/01/93
13	te126 (n,2p)	)sn125	111	26	12/01/93
14	te126 (n,2n*)	)te125m	316	26	12/01/93
15	te126 (n,nd*)	)sb124m	332	12	12/01/93
16	te126 (n,g*)	)te127m	402	4348	12/01/93
7	te126 (n,p*)	)sb126m	403	62	12/01/93
18	te126 (n,t*)	)sb124m	405	43	12/01/93
19	te126 (n,a*)	)sn123m	407	77	12/01/93
20	te126 (n,2p*)	)sn125m	411	26	12/01/93
21	te126 (n,nd**)	)sb124n	632	12	12/01/93
22	te126 (n,p**)	)sb126n	703	62	12/01/93
23	te126 (n,t**)	)sb124n	705	43	12/01/93

1	te127 (n,n)	)te127	4	1	12/01/93
2	te127 (n,2n)	)te126	16	31	12/01/93
3	te127 (n,3n)	)te125	17	17	12/01/93
4	te127 (n,na)	)sn123	22	63	12/01/93
5	te127 (n,np)	)sb126	28	29	12/01/93
6	te127 (n,nd)	)sb125	32	24	12/01/93
7	te127 (n,nt)	)sb124	33	12	12/01/93
8	te127 (n,g)	)te128	102	452	12/01/93
9	te127 (n,p)	)sb127	103	76	12/01/93
10	te127 (n,d)	)sb126	104	48	12/01/93
11	te127 (n,t)	)sb125	105	50	12/01/93
12	te127 (n,h)	)sn125	106	27	12/01/93
13	te127 (n,a)	)sn124	107	82	12/01/93
14	te127 (n,2p)	)sn126	111	32	12/01/93
15	te127 (n,n*)	)te127m	304	48	12/01/93
16	te127 (n,3n*)	)te125m	317	17	12/01/93
17	te127 (n,na*)	)sn123m	322	63	12/01/93
18	te127 (n,np*)	)sb126m	328	29	12/01/93
19	te127 (n,nt*)	)sb124m	333	12	12/01/93
20	te127 (n,d*)	)sb126m	404	48	12/01/93
21	te127 (n,h*)	)sn125m	406	27	12/01/93
22	te127 (n,np**)	)sb126n	628	29	12/01/93
23	te127 (n,nt**)	)sb124n	633	12	12/01/93
24	te127 (n,d**)	)sb126n	704	45	12/01/93

#	target	product	mt	# engeries	date
1	te127m(n,n)	)te127	4	50	12/01/93
2	te127m(n,2n)	)te126	16	31	12/01/93
3	te127m(n,3n)	)te125	17	17	12/01/93
4	te127m(n,na)	)sn123	22	60	12/01/93
5	te127m(n,np)	)sb126	28	29	12/01/93
6	te127m(n,nd)	)sb125	32	24	12/01/93
7	te127m(n,nt)	)sb124	33	12	12/01/93
8	te127m(n,g)	)te128	102	452	12/01/93
9	te127m(n,p)	)sb127	103	76	12/01/93
10	te127m(n,d)	)sb126	104	45	12/01/93
11	te127m(n,t)	)sb125	105	47	12/01/93
12	te127m(n,h)	)sn125	106	27	12/01/93
13	te127m(n,a)	)sn124	107	82	12/01/93
14	te127m(n,2p)	)sn126	111	32	12/01/93
15	te127m(n,3n*)	)te125m	317	17	12/01/93
16	te127m(n,na*)	)sn123m	322	58	12/01/93
17	te127m(n,np*)	)sb126m	328	29	12/01/93
18	te127m(n,nt*)	)sb124m	333	12	12/01/93
19	te127m(n,d*)	)sb126m	404	48	12/01/93
20	te127m(n,h*)	)sn125m	406	27	12/01/93
21	te127m(n,np**)	)sb126n	628	29	12/01/93
22	te127m(n,nt**)	)sb124n	633	12	12/01/93
23	te127m(n,d**)	)sb126n	704	45	12/01/93

#	target	product	mt	# engeries	date
1	te128 (n,2n)	te127	16	34	12/01/93
2	te128 (n,3n)	te126	17	20	12/01/93
3	te128 (n,na)	sn124	22	63	12/01/93
4	te128 (n,np)	sb127	28	33	12/01/93
5	te128 (n,nd)	sb126	32	12	12/01/93
6	te128 (n,nt)	sb125	33	12	12/01/93
7	te128 (n,g)	te129	102	5330	12/01/93
8	te128 (n,p)	sb128	103	56	12/01/93
9	te128 (n,d)	sb127	104	48	12/01/93
10	te128 (n,t)	sb126	105	41	12/01/93
11	te128 (n,h)	sn126	106	25	12/01/93
12	te128 (n,a)	sn125	107	70	12/01/93
13	te128 (n,2p)	sn127	111	23	12/01/93
14	te128 (n,2n*)	te127m	316	34	12/01/93
15	te128 (n,nd*)	sb126m	332	12	12/01/93
16	te128 (n,g*)	te129m	402	5333	12/01/93
17	te128 (n,p*)	sb128m	403	56	12/01/93
18	te128 (n,t*)	sb126m	405	41	12/01/93
19	te128 (n,a*)	sn125m	407	70	12/01/93
20	te128 (n,2p*)	sn127m	411	23	12/01/93
21	te128 (n,nd**)	sb126n	632	12	12/01/93
22	te128 (n,t**)	sb126n	705	41	12/01/93

#	target	product	mt	# engeries	date
1	te129 (n,n)	te129	4	1	12/01/93
2	te129 (n,2n)	te128	16	29	12/01/93
3	te129 (n,3n)	te127	17	20	12/01/93
4	te129 (n,na)	sn125	22	55	12/01/93
5	te129 (n,np)	sb128	28	28	12/01/93
6	te129 (n,nd)	sb127	32	24	12/01/93
7	te129 (n,nt)	sb126	33	12	12/01/93
8	te129 (n,g)	te130	102	432	12/01/93
9	te129 (n,p)	sb129	103	67	12/01/93
10	te129 (n,d)	sb128	104	46	12/01/93
11	te129 (n,t)	sb127	105	48	12/01/93
12	te129 (n,h)	sn127	106	23	12/01/93
13	te129 (n,a)	sn126	107	81	12/01/93
14	te129 (n,2p)	sn128	111	27	12/01/93
15	te129 (n,n*)	te129m	304	48	12/01/93
16	te129 (n,3n*)	te127m	317	18	12/01/93
17	te129 (n,na*)	sn125m	322	55	12/01/93
18	te129 (n,np*)	sb128m	328	28	12/01/93
19	te129 (n,nt*)	sb126m	333	12	12/01/93
20	te129 (n,p*)	sb129m	403	67	12/01/93
21	te129 (n,d*)	sb128m	404	46	12/01/93
22	te129 (n,h*)	sn127m	406	23	12/01/93
23	te129 (n,2p*)	sn128m	411	27	12/01/93
24	te129 (n,nt**)	sb126n	633	12	12/01/93

1	te129m(n,n)	te129	4	49	12/01/93
2	te129m(n,2n)	te128	16	29	12/01/93
3	te129m(n,3n)	te127	17	17	12/01/93
4	te129m(n,na)	sn125	22	55	12/01/93
5	te129m(n,np)	sb128	28	28	12/01/93
6	te129m(n,nd)	sb127	32	24	12/01/93
7	te129m(n,nt)	sb126	33	12	12/01/93
8	te129m(n,g)	te130	102	432	12/01/93
9	te129m(n,p)	sb129	103	67	12/01/93
10	te129m(n,d)	sb128	104	43	12/01/93
11	te129m(n,t)	sb127	105	48	12/01/93
12	te129m(n,h)	sn127	106	23	12/01/93
13	te129m(n,a)	sn126	107	81	12/01/93
14	te129m(n,2p)	sn128	111	27	12/01/93
15	te129m(n,3n*)	te127m	317	18	12/01/93
16	te129m(n,na*)	sn125m	322	55	12/01/93
17	te129m(n,np*)	sb128m	328	28	12/01/93
18	te129m(n,nt*)	sb126m	333	12	12/01/93
19	te129m(n,p*)	sb129m	403	67	12/01/93
20	te129m(n,d*)	sb128m	404	43	12/01/93
21	te129m(n,h*)	sn127m	406	23	12/01/93
22	te129m(n,2p*)	sn128m	411	27	12/01/93
23	te129m(n,nt**)	sb126n	633	12	12/01/93

#	target	product	mt	# engeries	date
1	te130 (n,2n)	)te129	16	40	12/01/93
2	te130 (n,3n)	)te128	17	20	12/01/93
3	te130 (n,na)	)an126	22	58	12/01/93
4	te130 (n,np)	)sb129	28	32	12/01/93
5	te130 (n,nd)	)sb128	32	12	12/01/93
6	te130 (n,nt)	)sb127	33	12	12/01/93
7	te130 (n,g)	)te131	102	4064	12/01/93
8	te130 (n,p)	)sb130	103	54	12/01/93
9	te130 (n,d)	)sb129	104	46	12/01/93
10	te130 (n,t)	)sb128	105	41	12/01/93
11	te130 (n,h)	)an128	106	21	12/01/93
12	te130 (n,a)	)an127	107	62	12/01/93
13	te130 (n,2p)	)an129	111	17	12/01/93
14	te130 (n,2n*)	)te129m	316	35	12/01/93
15	te130 (n,np*)	)sb129m	328	32	12/01/93
16	te130 (n,nd*)	)sb128m	332	12	12/01/93
17	te130 (n,g*)	)te131m	402	4066	12/01/93
18	te130 (n,p*)	)sb130m	403	54	12/01/93
19	te130 (n,d*)	)sb129m	404	46	12/01/93
20	te130 (n,t*)	)sb128m	405	41	12/01/93
21	te130 (n,h*)	)an128m	406	21	12/01/93
22	te130 (n,a*)	)an127m	407	63	12/01/93
23	te130 (n,2p*)	)an129m	411	17	12/01/93

1	te131m(n,n)	)te131	4	53	12/01/93
2	te131m(n,2n)	)te130	16	33	12/01/93
3	te131m(n,3n)	)te129	17	19	12/01/93
4	te131m(n,na)	)an127	22	56	12/01/93
5	te131m(n,np)	)sb130	28	28	12/01/93
6	te131m(n,nd)	)sb129	32	23	12/01/93
7	te131m(n,nt)	)sb128	33	12	12/01/93
8	te131m(n,g)	)te132	102	381	12/01/93
9	te131m(n,p)	)sb131	103	60	12/01/93
10	te131m(n,d)	)sb130	104	41	12/01/93
11	te131m(n,t)	)sb129	105	45	12/01/93
12	te131m(n,h)	)an129	106	17	12/01/93
13	te131m(n,a)	)an128	107	77	12/01/93
14	te131m(n,2p)	)an130	111	24	12/01/93
15	te131m(n,2n*)	)te129m	317	19	12/01/93
16	te131m(n,na*)	)an127m	322	56	12/01/93
17	te131m(n,np*)	)sb130m	328	28	12/01/93
18	te131m(n,nd*)	)sb129m	332	23	12/01/93
19	te131m(n,nt*)	)sb128m	333	12	12/01/93
20	te131m(n,p*)	)sb131m	403	60	12/01/93
21	te131m(n,d*)	)sb130m	404	41	12/01/93
22	te131m(n,t*)	)sb129m	405	45	12/01/93
23	te131m(n,h*)	)an129m	406	17	12/01/93
24	te131m(n,a*)	)an128m	407	77	12/01/93
25	te131m(n,2p*)	)an130m	411	24	12/01/93

#	target	product	mt	# engeries	date
1	te132 (n,2n)	)te131	16	34	12/01/93
2	te132 (n,3n)	)te130	17	21	12/01/93
3	te132 (n,na)	)an128	22	56	12/01/93
4	te132 (n,np)	)sb131	28	32	12/01/93
5	te132 (n,nd)	)sb130	32	11	12/01/93
6	te132 (n,nt)	)sb129	33	12	12/01/93
7	te132 (n,g)	)te133	102	366	12/01/93
8	te132 (n,p)	)sb132	103	54	12/01/93
9	te132 (n,d)	)sb131	104	44	12/01/93
10	te132 (n,t)	)sb130	105	41	12/01/93
11	te132 (n,h)	)an130	106	17	12/01/93
12	te132 (n,a)	)an129	107	62	12/01/93
13	te132 (n,2p)	)an131	111	13	12/01/93
14	te132 (n,2n*)	)te131m	316	34	12/01/93
15	te132 (n,na*)	)an128m	322	50	12/01/93
16	te132 (n,np*)	)sb131m	328	32	12/01/93
17	te132 (n,nd*)	)sb130m	332	11	12/01/93

#	target	product	mt	# engeries	date
18	te132 (n,nt*)	sb129m	333	12	12/01/93
19	te132 (n,g*)	te133m	402	366	12/01/93
20	te132 (n,p*)	sb132m	403	54	12/01/93
21	te132 (n,d*)	sb131m	404	44	12/01/93
22	te132 (n,t*)	sb130m	405	41	12/01/93
23	te132 (n,h*)	sn130m	406	17	12/01/93
24	te132 (n,a*)	sn129m	407	62	12/01/93

Appendix A-6

List of Reactions on files *.i.sm

#	target	product	mt	# engeries	date
1	i 124 (n,2n)	)i 123	16	22	12/01/93
2	i 124 (n,3n)	)i 122	17	15	12/01/93
3	i 124 (n,na)	)sb120	22	73	12/01/93
4	i 124 (n,np)	)te123	28	37	12/01/93
5	i 124 (n,nd)	)te122	32	30	12/01/93
6	i 124 (n,nt)	)te121	33	18	12/01/93
7	i 124 (n,nh)	)sb121	34	6	12/01/93
8	i 124 (n,g)	)i 125	102	401	12/01/93
9	i 124 (n,p)	)te124	103	73	12/01/93
10	i 124 (n,d)	)te123	104	59	12/01/93
11	i 124 (n,t)	)te122	105	61	12/01/93
12	i 124 (n,h)	)sb122	106	41	12/01/93
13	i 124 (n,a)	)sb121	107	77	12/01/93
14	i 124 (n,2p)	)sb123	111	45	12/01/93
15	i 124 (n,na*)	)sb120m	322	73	12/01/93
16	i 124 (n,np*)	)te123m	328	37	12/01/93
17	i 124 (n,nt*)	)te121m	333	17	12/01/93
18	i 124 (n,nh*)	)sb121m	334	6	12/01/93
19	i 124 (n,d*)	)te123m	404	57	12/01/93
20	i 124 (n,h*)	)sb122m	406	41	12/01/93
21	i 124 (n,a*)	)sb121m	407	77	12/01/93
1	i 125 (n,2n)	)i 124	16	24	12/01/93
2	i 125 (n,3n)	)i 123	17	15	12/01/93
3	i 125 (n,na)	)sb121	22	71	12/01/93
4	i 125 (n,np)	)te124	28	42	12/01/93
5	i 125 (n,nd)	)te123	32	16	12/01/93
6	i 125 (n,nt)	)te122	33	22	12/01/93
7	i 125 (n,g)	)i 126	102	400	12/01/93
8	i 125 (n,p)	)te125	103	80	12/01/93
9	i 125 (n,d)	)te124	104	63	12/01/93
10	i 125 (n,t)	)te123	105	50	12/01/93
11	i 125 (n,h)	)sb123	106	39	12/01/93
12	i 125 (n,a)	)sb122	107	82	12/01/93
13	i 125 (n,2p)	)sb124	111	37	12/01/93
14	i 125 (n,na*)	)sb121m	322	71	12/01/93
15	i 125 (n,nd*)	)te123m	332	15	12/01/93
16	i 125 (n,p*)	)te125m	403	80	12/01/93
17	i 125 (n,t*)	)te123m	405	50	12/01/93
18	i 125 (n,a*)	)sb122m	407	83	12/01/93
19	i 125 (n,2p*)	)sb124m	411	37	12/01/93
20	i 125 (n,2p**)	)sb124n	711	37	12/01/93
#	target	product	mt	# engeries	date
1	i 126 (n,2n)	)i 125	16	25	12/01/93
2	i 126 (n,3n)	)i 124	17	18	12/01/93
3	i 126 (n,na)	)sb122	22	68	12/01/93
4	i 126 (n,np)	)te125	28	38	12/01/93
5	i 126 (n,nd)	)te124	32	29	12/01/93
6	i 126 (n,nt)	)te123	33	19	12/01/93
7	i 126 (n,g)	)i 127	102	399	12/01/93
8	i 126 (n,p)	)te126	103	76	12/01/93
9	i 126 (n,d)	)te125	104	57	12/01/93
10	i 126 (n,t)	)te124	105	58	12/01/93
11	i 126 (n,h)	)sb124	106	35	12/01/93
12	i 126 (n,a)	)sb123	107	80	12/01/93
13	i 126 (n,2p)	)sb125	111	41	12/01/93
14	i 126 (n,na*)	)sb122m	322	68	12/01/93
15	i 126 (n,np*)	)te125m	328	38	12/01/93
16	i 126 (n,nt*)	)te123m	333	18	12/01/93
17	i 126 (n,d*)	)te125m	404	55	12/01/93
18	i 126 (n,h*)	)sb124m	406	35	12/01/93
19	i 126 (n,h**)	)sb124n	706	35	12/01/93
1	i 127 (n,2n)	)i 126	16	26	12/01/93
2	i 127 (n,3n)	)i 125	17	19	12/01/93
3	i 127 (n,na)	)sb123	22	69	12/01/93
4	i 127 (n,np)	)te126	28	42	12/01/93
5	i 127 (n,nd)	)te125	32	16	12/01/93

#	target	product	mt	# engeries	date
6	i 127 (n,nt)	)te124	33	23	12/01/93
7	i 127 (n,g)	)i 128	102	1282	12/01/93
8	i 127 (n,p)	)te127	103	81	12/01/93
9	i 127 (n,d)	)te126	104	57	12/01/93
10	i 127 (n,t)	)te125	105	49	12/01/93
11	i 127 (n,h)	)sb125	106	33	12/01/93
12	i 127 (n,a)	)sb124	107	76	12/01/93
13	i 127 (n,2p)	)sb126	111	32	12/01/93
14	i 127 (n,nd*)	)te125m	332	16	12/01/93
15	i 127 (n,p*)	)te127m	403	81	12/01/93
16	i 127 (n,t*)	)te125m	405	46	12/01/93
17	i 127 (n,a*)	)sb124m	407	75	12/01/93
18	i 127 (n,2p*)	)sb126m	411	32	12/01/93
19	i 127 (n,a**)	)sb124n	707	76	12/01/93
20	i 127 (n,2p**)	)sb126n	711	32	12/01/93

#	target	product	mt	# engeries	date
1	i 128 (n,2n)	)i 127	16	31	12/01/93
2	i 128 (n,3n)	)i 126	17	17	12/01/93
3	i 128 (n,na)	)sb124	22	64	12/01/93
4	i 128 (n,np)	)te127	28	35	12/01/93
5	i 128 (n,nd)	)te126	32	31	12/01/93
6	i 128 (n,nt)	)te125	33	20	12/01/93
7	i 128 (n,g)	)i 129	102	401	12/01/93
8	i 128 (n,p)	)te128	103	78	12/01/93
9	i 128 (n,d)	)te127	104	53	12/01/93
10	i 128 (n,t)	)te126	105	56	12/01/93
11	i 128 (n,h)	)sb126	106	31	12/01/93
12	i 128 (n,a)	)sb125	107	81	12/01/93
13	i 128 (n,2p)	)sb127	111	38	12/01/93
14	i 128 (n,na*)	)sb124m	322	64	12/01/93
15	i 128 (n,np*)	)te127m	328	35	12/01/93
16	i 128 (n,nt*)	)te125m	333	20	12/01/93
17	i 128 (n,d*)	)te127m	404	53	12/01/93
18	i 128 (n,h*)	)sb126m	406	31	12/01/93
19	i 128 (n,na**)	)sb124n	622	64	12/01/93
20	i 128 (n,h**)	)sb126n	706	31	12/01/93

1	i 129 (n,2n)	)i 128	16	29	12/01/93
2	i 129 (n,3n)	)i 127	17	19	12/01/93
3	i 129 (n,na)	)sb125	22	67	12/01/93
4	i 129 (n,np)	)te128	28	40	12/01/93
5	i 129 (n,nd)	)te127	32	15	12/01/93
6	i 129 (n,nt)	)te126	33	24	12/01/93
7	i 129 (n,g)	)i 130	102	1282	12/01/93
8	i 129 (n,p)	)te129	103	76	12/01/93
9	i 129 (n,d)	)te128	104	56	12/01/93
10	i 129 (n,t)	)te127	105	48	12/01/93
11	i 129 (n,h)	)sb127	106	29	12/01/93
12	i 129 (n,a)	)sb126	107	75	12/01/93
13	i 129 (n,2p)	)sb128	111	29	12/01/93
14	i 129 (n,nd*)	)te127m	332	14	12/01/93
15	i 129 (n,g*)	)i 130m	402	1282	12/01/93
16	i 129 (n,p*)	)te129m	403	76	12/01/93
17	i 129 (n,t*)	)te127m	405	48	12/01/93
18	i 129 (n,a*)	)sb126m	407	74	12/01/93
19	i 129 (n,2p*)	)sb128m	411	29	12/01/93
20	i 129 (n,a**)	)sb126n	707	75	12/01/93

#	target	product	mt	# engeries	date
1	i 130 (n,n)	)i 130	4	1	12/01/93
2	i 130 (n,2n)	)i 129	16	27	12/01/93
3	i 130 (n,3n)	)i 128	17	21	12/01/93
4	i 130 (n,na)	)sb126	22	66	12/01/93
5	i 130 (n,np)	)te129	28	34	12/01/93
6	i 130 (n,nd)	)te128	32	30	12/01/93
7	i 130 (n,nt)	)te127	33	22	12/01/93
8	i 130 (n,g)	)i 131	102	475	12/01/93
9	i 130 (n,p)	)te130	103	79	12/01/93
10	i 130 (n,d)	)te129	104	52	12/01/93
11	i 130 (n,t)	)te128	105	56	12/01/93
12	i 130 (n,h)	)sb128	106	27	12/01/93

#	target	product	mt	# engeries	date
13	i 130 (n,a	)sb127	107	84	12/01/93
14	i 130 (n,2p	)sb129	111	34	12/01/93
15	i 130 (n,n*	)i 130m	304	50	12/01/93
16	i 130 (n,na*	)sb126m	322	66	12/01/93
17	i 130 (n,np*	)te129m	328	34	12/01/93
18	i 130 (n,nt*	)te127m	333	22	12/01/93
19	i 130 (n,d*	)te129m	404	50	12/01/93
20	i 130 (n,h*	)sb128m	406	27	12/01/93
21	i 130 (n,2p*	)sb129m	411	34	12/01/93
22	i 130 (n,na**	)sb126n	622	66	12/01/93

1	i 131 (n,2n	)i 130	16	29	12/01/93
2	i 131 (n,3n	)i 129	17	20	12/01/93
3	i 131 (n,na	)sb127	22	64	12/01/93
4	i 131 (n,np	)te130	28	39	12/01/93
5	i 131 (n,nd	)te129	32	16	12/01/93
6	i 131 (n,nt	)te128	33	22	12/01/93
7	i 131 (n,g	)i 132	102	449	12/01/93
8	i 131 (n,p	)te131	103	70	12/01/93
9	i 131 (n,d	)te130	104	53	12/01/93
10	i 131 (n,t	)te129	105	49	12/01/93
11	i 131 (n,h	)sb129	106	25	12/01/93
12	i 131 (n,a	)sb128	107	70	12/01/93
13	i 131 (n,2p	)sb130	111	24	12/01/93
14	i 131 (n,2n*	)i 130m	316	29	12/01/93
15	i 131 (n,nd*	)te129m	332	16	12/01/93
16	i 131 (n,g*	)i 132m	402	449	12/01/93
17	i 131 (n,p*	)te131m	403	67	12/01/93
18	i 131 (n,t*	)te129m	405	49	12/01/93
19	i 131 (n,h*	)sb129m	406	25	12/01/93
20	i 131 (n,a*	)sb128m	407	70	12/01/93
21	i 131 (n,2p*	)sb130m	411	24	12/01/93

#	target	product	mt	# engeries	date
1	xe124 (n,2n	)xe123	16	24	12/01/93
2	xe124 (n,3n	)xe122	17	9	12/01/93
3	xe124 (n,na	)te120	22	79	12/01/93
4	xe124 (n,np	)i 123	28	39	12/01/93
5	xe124 (n,nd	)i 122	32	14	12/01/93
6	xe124 (n,nt	)i 121	33	11	12/01/93
7	xe124 (n,g	)xe125	102	1443	12/01/93
8	xe124 (n,p	)i 124	103	81	12/01/93
9	xe124 (n,d	)i 123	104	56	12/01/93
10	xe124 (n,t	)i 122	105	46	12/01/93
11	xe124 (n,h	)te122	106	48	12/01/93
12	xe124 (n,a	)te121	107	82	12/01/93
13	xe124 (n,2p	)te123	111	40	12/01/93
14	xe124 (n,g*	)xe125m	402	1433	12/01/93
15	xe124 (n,a*	)te121m	407	82	12/01/93
16	xe124 (n,2p*	)te123m	411	40	12/01/93

1	xe125 (n,n	)xe125	4	1	12/01/93
2	xe125 (n,2n	)xe124	16	26	12/01/93
3	xe125 (n,3n	)xe123	17	11	12/01/93
4	xe125 (n,na	)te121	22	71	12/01/93
5	xe125 (n,np	)i 124	28	34	12/01/93
6	xe125 (n,nd	)i 123	32	26	12/01/93
7	xe125 (n,nt	)i 122	33	11	12/01/93
8	xe125 (n,nh	)te122	34	9	12/01/93
9	xe125 (n,g	)xe126	102	394	12/01/93
10	xe125 (n,p	)i 125	103	77	12/01/93
11	xe125 (n,d	)i 124	104	55	12/01/93
12	xe125 (n,t	)i 123	105	52	12/01/93
13	xe125 (n,h	)te123	106	45	12/01/93
14	xe125 (n,a	)te122	107	78	12/01/93
15	xe125 (n,2p	)te124	111	48	12/01/93
16	xe125 (n,n*	)xe125m	304	47	12/01/93
17	xe125 (n,na*	)te121m	322	71	12/01/93
18	xe125 (n,h*	)te123m	406	45	12/01/93

#	target	product	mt	# engeries	date
1	xe126 (n,2n)	)xe125	16	23	12/01/93
2	xe126 (n,3n)	)xe124	17	13	12/01/93
3	xe126 (n,na)	)te122	22	74	12/01/93
4	xe126 (n,np)	)i 125	28	37	12/01/93
5	xe126 (n,nd)	)i 124	32	13	12/01/93
6	xe126 (n,nt)	)i 123	33	11	12/01/93
7	xe126 (n,g)	)xe127	102	1466	12/01/93
8	xe126 (n,p)	)i 126	103	82	12/01/93
9	xe126 (n,d)	)i 125	104	54	12/01/93
10	xe126 (n,t)	)i 124	105	45	12/01/93
11	xe126 (n,h)	)te124	106	41	12/01/93
12	xe126 (n,a)	)te123	107	83	12/01/93
13	xe126 (n,2p)	)te125	111	37	12/01/93
14	xe126 (n,2n*)	)xe125m	316	23	12/01/93
15	xe126 (n,g*)	)xe127m	402	1459	12/01/93
16	xe126 (n,a*)	)te123m	407	82	12/01/93
17	xe126 (n,2p*)	)te125m	411	37	12/01/93

1	xe127 (n,n)	)xe127	4	1	12/01/93
2	xe127 (n,2n)	)xe126	16	26	12/01/93
3	xe127 (n,3n)	)xe125	17	15	12/01/93
4	xe127 (n,na)	)te123	22	71	12/01/93
5	xe127 (n,np)	)i 126	28	33	12/01/93
6	xe127 (n,nd)	)i 125	32	25	12/01/93
7	xe127 (n,nt)	)i 124	33	11	12/01/93
8	xe127 (n,nh)	)te124	34	4	12/01/93
9	xe127 (n,g)	)xe128	102	391	12/01/93
10	xe127 (n,p)	)i 127	103	79	12/01/93
11	xe127 (n,d)	)i 126	104	51	12/01/93
12	xe127 (n,t)	)i 125	105	52	12/01/93
13	xe127 (n,h)	)te125	106	39	12/01/93
14	xe127 (n,a)	)te124	107	80	12/01/93
15	xe127 (n,2p)	)te126	111	41	12/01/93
16	xe127 (n,n*)	)xe127m	304	49	12/01/93
17	xe127 (n,3n*)	)xe125m	317	13	12/01/93
18	xe127 (n,na*)	)te123m	322	71	12/01/93
19	xe127 (n,h*)	)te125m	406	39	12/01/93

#	target	product	mt	# engeries	date
1	xe128 (n,2n)	)xe127	16	25	12/01/93
2	xe128 (n,3n)	)xe126	17	16	12/01/93
3	xe128 (n,na)	)te124	22	71	12/01/93
4	xe128 (n,np)	)i 127	28	36	12/01/93
5	xe128 (n,nd)	)i 126	32	13	12/01/93
6	xe128 (n,nt)	)i 125	33	11	12/01/93
7	xe128 (n,g)	)xe129	102	3653	12/01/93
8	xe128 (n,p)	)i 128	103	70	12/01/93
9	xe128 (n,d)	)i 127	104	53	12/01/93
10	xe128 (n,t)	)i 126	105	45	12/01/93
11	xe128 (n,h)	)te126	106	37	12/01/93
12	xe128 (n,a)	)te125	107	83	12/01/93
13	xe128 (n,2p)	)te127	111	32	12/01/93
14	xe128 (n,2n*)	)xe127m	316	25	12/01/93
15	xe128 (n,g*)	)xe129m	402	3641	12/01/93
16	xe128 (n,a*)	)te125m	407	83	12/01/93
17	xe128 (n,2p*)	)te127m	411	32	12/01/93

1	xe129 (n,n)	)xe129	4	1	12/01/93
2	xe129 (n,2n)	)xe128	16	32	12/01/93
3	xe129 (n,3n)	)xe127	17	16	12/01/93
4	xe129 (n,na)	)te125	22	68	12/01/93
5	xe129 (n,np)	)i 128	28	32	12/01/93
6	xe129 (n,nd)	)i 127	32	26	12/01/93
7	xe129 (n,nt)	)i 126	33	12	12/01/93
8	xe129 (n,g)	)xe130	102	1282	12/01/93
9	xe129 (n,p)	)i 129	103	81	12/01/93
10	xe129 (n,d)	)i 128	104	49	12/01/93
11	xe129 (n,t)	)i 127	105	49	12/01/93
12	xe129 (n,h)	)te127	106	33	12/01/93
13	xe129 (n,a)	)te126	107	80	12/01/93

#	target	product	mt	# engeries	date
14	xe129 (n,2p)	te128	111	38	12/01/93
15	xe129 (n,n*)	xe129m	304	47	12/01/93
16	xe129 (n,3n*)	xe127m	317	16	12/01/93
17	xe129 (n,na*)	te125m	322	68	12/01/93
18	xe129 (n,h*)	te127m	406	33	12/01/93

#	target	product	mt	# engeries	date
1	xe129m(n,n)	xe129	4	50	12/01/93
2	xe129m(n,2n)	xe128	16	27	12/01/93
3	xe129m(n,3n)	xe127	17	15	12/01/93
4	xe129m(n,na)	te125	22	65	12/01/93
5	xe129m(n,np)	ti 128	28	29	12/01/93
6	xe129m(n,nd)	ti 127	32	24	12/01/93
7	xe129m(n,nt)	ti 126	33	10	12/01/93
8	xe129m(n,g)	xe131	102	1281	12/01/93
9	xe129m(n,p)	ti 129	103	81	12/01/93
10	xe129m(n,d)	ti 128	104	49	12/01/93
11	xe129m(n,t)	ti 127	105	49	12/01/93
12	xe129m(n,h)	te127	106	33	12/01/93
13	xe129m(n,a)	te126	107	80	12/01/93
14	xe129m(n,2p)	te128	111	38	12/01/93
15	xe129m(n,3n*)	xe127m	317	13	12/01/93
16	xe129m(n,na*)	te125m	322	63	12/01/93
17	xe129m(n,h*)	te127m	406	33	12/01/93

1	xe130 (n,2n)	xe129	16	25	12/01/93
2	xe130 (n,3n)	xe128	17	18	12/01/93
3	xe130 (n,na)	te126	22	71	12/01/93
4	xe130 (n,np)	ti 129	28	36	12/01/93
5	xe130 (n,nd)	ti 128	32	13	12/01/93
6	xe130 (n,nt)	ti 127	33	12	12/01/93
7	xe130 (n,g)	xe131	102	3923	12/01/93
8	xe130 (n,p)	ti 130	103	64	12/01/93
9	xe130 (n,d)	ti 129	104	51	12/01/93
10	xe130 (n,t)	ti 128	105	43	12/01/93
11	xe130 (n,h)	te128	106	31	12/01/93
12	xe130 (n,a)	te127	107	79	12/01/93
13	xe130 (n,2p)	te129	111	29	12/01/93
14	xe130 (n,2n*)	xe129m	316	23	12/01/93
15	xe130 (n,g*)	xe131m	402	3903	12/01/93
16	xe130 (n,p*)	ti 130m	403	64	12/01/93
17	xe130 (n,a*)	te127m	407	79	12/01/93
18	xe130 (n,2p*)	te129m	411	29	12/01/93

#	target	product	mt	# engeries	date
1	xe131 (n,n)	xe131	4	1	12/01/93
2	xe131 (n,2n)	xe130	16	26	12/01/93
3	xe131 (n,3n)	xe129	17	18	12/01/93
4	xe131 (n,na)	te127	22	65	12/01/93
5	xe131 (n,np)	ti 130	28	30	12/01/93
6	xe131 (n,nd)	ti 129	32	25	12/01/93
7	xe131 (n,nt)	ti 128	33	12	12/01/93
8	xe131 (n,g)	xe132	102	8341	12/01/93
9	xe131 (n,p)	ti 131	103	83	12/01/93
10	xe131 (n,d)	ti 130	104	48	12/01/93
11	xe131 (n,t)	ti 129	105	50	12/01/93
12	xe131 (n,h)	te129	106	29	12/01/93
13	xe131 (n,a)	te128	107	81	12/01/93
14	xe131 (n,2p)	te130	111	33	12/01/93
15	xe131 (n,n*)	xe131m	304	48	12/01/93
16	xe131 (n,3n*)	xe129m	317	16	12/01/93
17	xe131 (n,na*)	te127m	322	65	12/01/93
18	xe131 (n,np*)	ti 130m	328	30	12/01/93
19	xe131 (n,d*)	ti 130m	404	48	12/01/93
20	xe131 (n,h*)	te129m	406	29	12/01/93

1	xe131m(n,n)	xe131	4	48	12/01/93
2	xe131m(n,2n)	xe130	16	26	12/01/93
3	xe131m(n,3n)	xe129	17	15	12/01/93
4	xe131m(n,na)	te127	22	65	12/01/93
5	xe131m(n,np)	ti 130	28	27	12/01/93
6	xe131m(n,nd)	ti 129	32	25	12/01/93

# target	product	mt	# engeries	date
7 xe131m(n,nt	)i 128	33	12	12/01/93
8 xe131m(n,g	)xe132	102	8342	12/01/93
9 xe131m(n,p	)i 131	103	83	12/01/93
10 xe131m(n,d	)i 130	104	48	12/01/93
11 xe131m(n,t	)i 129	105	47	12/01/93
12 xe131m(n,h	)te129	106	29	12/01/93
13 xe131m(n,a	)te128	107	81	12/01/93
14 xe131m(n,2p	)te130	111	33	12/01/93
15 xe131m(n,3n*	)xe129m	317	16	12/01/93
16 xe131m(n,na*	)te127m	322	65	12/01/93
17 xe131m(n,np*	)i 130m	328	27	12/01/93
18 xe131m(n,d*	)i 130m	404	48	12/01/93
19 xe131m(n,h*	)te129m	406	29	12/01/93

# target	product	mt	# engeries	date
1 xe132 (n,2n	)xe131	16	25	12/01/93
2 xe132 (n,3n	)xe130	17	17	12/01/93
3 xe132 (n,na	)te128	22	68	12/01/93
4 xe132 (n,np	)i 131	28	33	12/01/93
5 xe132 (n,nd	)i 130	32	12	12/01/93
6 xe132 (n,nt	)i 129	33	12	12/01/93
7 xe132 (n,g	)xe133	102	2287	12/01/93
8 xe132 (n,p	)i 132	103	64	12/01/93
9 xe132 (n,d	)i 131	104	50	12/01/93
10 xe132 (n,t	)i 130	105	43	12/01/93
11 xe132 (n,h	)te130	106	27	12/01/93
12 xe132 (n,a	)te129	107	71	12/01/93
13 xe132 (n,2p	)te131	111	24	12/01/93
14 xe132 (n,2n*	)xe131m	316	25	12/01/93
15 xe132 (n,nd*	)i 130m	332	12	12/01/93
16 xe132 (n,g*	)xe133m	402	2273	12/01/93
17 xe132 (n,p*	)i 132m	403	64	12/01/93
18 xe132 (n,t*	)i 130m	405	43	12/01/93
19 xe132 (n,a*	)te129m	407	71	12/01/93
20 xe132 (n,2p*	)te131m	411	24	12/01/93

1 xe133 (n,n	)xe133	4	1	12/01/93
2 xe133 (n,2n	)xe132	16	36	12/01/93
3 xe133 (n,3n	)xe131	17	19	12/01/93
4 xe133 (n,na	)te129	22	61	12/01/93
5 xe133 (n,np	)i 132	28	31	12/01/93
6 xe133 (n,nd	)i 131	32	24	12/01/93
7 xe133 (n,nt	)i 130	33	12	12/01/93
8 xe133 (n,g	)xe134	102	479	12/01/93
9 xe133 (n,p	)i 133	103	77	12/01/93
10 xe133 (n,d	)i 132	104	47	12/01/93
11 xe133 (n,t	)i 131	105	49	12/01/93
12 xe133 (n,h	)te131	106	25	12/01/93
13 xe133 (n,a	)te130	107	82	12/01/93
14 xe133 (n,2p	)te132	111	28	12/01/93
15 xe133 (n,n*	)xe133m	304	52	12/01/93
16 xe133 (n,3n*	)xe131m	317	17	12/01/93
17 xe133 (n,na*	)te129m	322	61	12/01/93
18 xe133 (n,np*	)i 132m	328	31	12/01/93
19 xe133 (n,nt*	)i 130m	333	12	12/01/93
20 xe133 (n,g*	)xe134m	402	479	12/01/93
21 xe133 (n,p*	)i 133m	403	59	12/01/93
22 xe133 (n,d*	)i 132m	404	47	12/01/93
23 xe133 (n,h*	)te131m	406	25	12/01/93

# target	product	mt	# engeries	date
1 xe133m(n,n	)xe133	4	53	12/01/93
2 xe133m(n,2n	)xe132	16	30	12/01/93
3 xe133m(n,3n	)xe131	17	16	12/01/93
4 xe133m(n,na	)te129	22	61	12/01/93
5 xe133m(n,np	)i 132	28	28	12/01/93
6 xe133m(n,nd	)i 131	32	22	12/01/93
7 xe133m(n,nt	)i 130	33	10	12/01/93
8 xe133m(n,g	)xe134	102	479	12/01/93
9 xe133m(n,p	)i 133	103	70	12/01/93
10 xe133m(n,d	)i 132	104	47	12/01/93
11 xe133m(n,t	)i 131	105	49	12/01/93

#	target	product	mt	# engeries	date
12	xe133m(n,h)	)te131	106	25	12/01/93
13	xe133m(n,a)	)te130	107	82	12/01/93
14	xe133m(n,2p)	)te132	111	28	12/01/93
15	xe133m(n,3n*)	)xe131m	317	17	12/01/93
16	xe133m(n,na*)	)te129m	322	61	12/01/93
17	xe133m(n,np*)	)i 132m	328	28	12/01/93
18	xe133m(n,nt*)	)i 130m	333	10	12/01/93
19	xe133m(n,g*)	)xe134m	402	479	12/01/93
20	xe133m(n,p*)	)i 133m	403	59	12/01/93
21	xe133m(n,d*)	)i 132m	404	47	12/01/93
22	xe133m(n,h*)	)te131m	406	25	12/01/93

1	xe134 (n,n)	)xe134	4	1	12/01/93
2	xe134 (n,2n)	)xe133	16	28	12/01/93
3	xe134 (n,3n)	)xe132	17	18	12/01/93
4	xe134 (n,na)	)te130	22	63	12/01/93
5	xe134 (n,np)	)i 133	28	33	12/01/93
6	xe134 (n,nd)	)i 132	32	12	12/01/93
7	xe134 (n,nt)	)i 131	33	12	12/01/93
8	xe134 (n,g)	)xe135	102	1106	12/01/93
9	xe134 (n,p)	)i 134	103	60	12/01/93
10	xe134 (n,d)	)i 133	104	48	12/01/93
11	xe134 (n,t)	)i 132	105	43	12/01/93
12	xe134 (n,h)	)te132	106	23	12/01/93
13	xe134 (n,a)	)te131	107	67	12/01/93
14	xe134 (n,2p)	)te133	111	21	12/01/93
15	xe134 (n,n*)	)xe134m	304	51	12/01/93
16	xe134 (n,2n*)	)xe133m	316	28	12/01/93
17	xe134 (n,np*)	)i 133m	328	27	12/01/93
18	xe134 (n,nd*)	)i 132m	332	12	12/01/93
19	xe134 (n,g*)	)xe135m	402	1126	12/01/93
20	xe134 (n,p*)	)i 134m	403	56	12/01/93
21	xe134 (n,d*)	)i 133m	404	41	12/01/93
22	xe134 (n,t*)	)i 132m	405	43	12/01/93
23	xe134 (n,a*)	)te131m	407	67	12/01/93
24	xe134 (n,2p*)	)te133m	411	21	12/01/93

#	target	product	mt	# engeries	date
1	xe136 (n,2n)	)xe135	16	27	12/01/93
2	xe136 (n,3n)	)xe134	17	19	12/01/93
3	xe136 (n,na)	)te132	22	57	12/01/93
4	xe136 (n,np)	)i 135	28	39	12/01/93
5	xe136 (n,nd)	)i 134	32	12	12/01/93
6	xe136 (n,nt)	)i 133	33	12	12/01/93
7	xe136 (n,g)	)xe137	102	475	12/01/93
8	xe136 (n,p)	)i 136	103	50	12/01/93
9	xe136 (n,d)	)i 135	104	47	12/01/93
10	xe136 (n,t)	)i 134	105	43	12/01/93
11	xe136 (n,h)	)te134	106	19	12/01/93
12	xe136 (n,a)	)te133	107	66	12/01/93
13	xe136 (n,2p)	)te135	111	7	12/01/93
14	xe136 (n,2n*)	)xe135m	316	26	12/01/93
15	xe136 (n,3n*)	)xe134m	317	10	12/01/93
16	xe136 (n,nd*)	)i 134m	332	10	12/01/93
17	xe136 (n,nt*)	)i 133m	333	8	12/01/93
18	xe136 (n,p*)	)i 136m	403	50	12/01/93
19	xe136 (n,t*)	)i 134m	405	40	12/01/93
20	xe136 (n,a*)	)te133m	407	66	12/01/93

1	cs129 (n,2n)	)cs128	16	25	12/01/93
2	cs129 (n,3n)	)cs127	17	13	12/01/93
3	cs129 (n,na)	)i 125	22	79	12/01/93
4	cs129 (n,np)	)xe128	28	42	12/01/93
5	cs129 (n,nd)	)xe127	32	20	12/01/93
6	cs129 (n,nt)	)xe126	33	24	12/01/93
7	cs129 (n,g)	)cs130	102	406	12/01/93
8	cs129 (n,p)	)xe129	103	77	12/01/93
9	cs129 (n,d)	)xe128	104	67	12/01/93
10	cs129 (n,t)	)xe127	105	51	12/01/93
11	cs129 (n,h)	)i 127	106	41	12/01/93

#	target	product	mt	# engeries	date
12	ca129 (n,a	)i 126	107	79	12/01/93
13	ca129 (n,2p	)i 128	111	40	12/01/93
14	ca129 (n,nd*	)xe127m	332	18	12/01/93
15	ca129 (n,p*	)xe129m	403	77	12/01/93
16	ca129 (n,t*	)xe127m	405	51	12/01/93

#	target	product	mt	# engeries	date
1	ca131 (n,2n	)ca130	16	27	12/01/93
2	ca131 (n,3n	)ca129	17	15	12/01/93
3	ca131 (n,na	)i 127	22	72	12/01/93
4	ca131 (n,np	)xe130	28	41	12/01/93
5	ca131 (n,nd	)xe129	32	20	12/01/93
6	ca131 (n,nt	)xe128	33	25	12/01/93
7	ca131 (n,g	)ca132	102	400	12/01/93
8	ca131 (n,p	)xe131	103	81	12/01/93
9	ca131 (n,d	)xe130	104	62	12/01/93
10	ca131 (n,t	)xe129	105	51	12/01/93
11	ca131 (n,h	)i 129	106	37	12/01/93
12	ca131 (n,a	)i 128	107	81	12/01/93
13	ca131 (n,2p	)i 130	111	35	12/01/93
14	ca131 (n,nd*	)xe129m	332	20	12/01/93
15	ca131 (n,p*	)xe131m	403	81	12/01/93
16	ca131 (n,t*	)xe129m	405	48	12/01/93
17	ca131 (n,2p*	)i 130m	411	35	12/01/93

1	ca132 (n,2n	)ca131	16	26	12/01/93
2	ca132 (n,3n	)ca130	17	15	12/01/93
3	ca132 (n,na	)i 128	22	72	12/01/93
4	ca132 (n,np	)xe131	28	36	12/01/93
5	ca132 (n,nd	)xe130	32	31	12/01/93
6	ca132 (n,nt	)xe129	33	22	12/01/93
7	ca132 (n,g	)ca133	102	401	12/01/93
8	ca132 (n,p	)xe132	103	78	12/01/93
9	ca132 (n,d	)xe131	104	57	12/01/93
10	ca132 (n,t	)xe130	105	59	12/01/93
11	ca132 (n,h	)i 130	106	33	12/01/93
12	ca132 (n,a	)i 129	107	82	12/01/93
13	ca132 (n,2p	)i 131	111	40	12/01/93
14	ca132 (n,np*	)xe131m	328	36	12/01/93
15	ca132 (n,nt*	)xe129m	333	22	12/01/93
16	ca132 (n,d*	)xe131m	404	55	12/01/93
17	ca132 (n,h*	)i 130m	406	33	12/01/93

#	target	product	mt	# engeries	date
1	ca133 (n,2n	)ca132	16	25	12/01/93
2	ca133 (n,3n	)ca131	17	19	12/01/93
3	ca133 (n,na	)i 129	22	70	12/01/93
4	ca133 (n,np	)xe132	28	41	12/01/93
5	ca133 (n,nd	)xe131	32	19	12/01/93
6	ca133 (n,nt	)xe130	33	25	12/01/93
7	ca133 (n,g	)ca134	102	1282	12/01/93
8	ca133 (n,p	)xe133	103	81	12/01/93
9	ca133 (n,d	)xe132	104	61	12/01/93
10	ca133 (n,t	)xe131	105	50	12/01/93
11	ca133 (n,h	)i 131	106	31	12/01/93
12	ca133 (n,a	)i 130	107	77	12/01/93
13	ca133 (n,2p	)i 132	111	30	12/01/93
14	ca133 (n,nd*	)xe131m	332	18	12/01/93
15	ca133 (n,g*	)ca134m	402	1282	12/01/93
16	ca133 (n,p*	)xe133m	403	81	12/01/93
17	ca133 (n,t*	)xe131m	405	50	12/01/93
18	ca133 (n,a*	)i 130m	407	77	12/01/93
19	ca133 (n,2p*	)i 132m	411	30	12/01/93

1	ca134 (n,n	)ca134	4	1	12/01/93
2	ca134 (n,2n	)ca133	16	33	12/01/93
3	ca134 (n,3n	)ca132	17	18	12/01/93
4	ca134 (n,na	)i 130	22	67	12/01/93
5	ca134 (n,np	)xe133	28	36	12/01/93
6	ca134 (n,nd	)xe132	32	30	12/01/93
7	ca134 (n,nt	)xe131	33	22	12/01/93
8	ca134 (n,g	)ca135	102	1855	12/01/93

#	target	product	mt	# engeries	date
9	ca134 (n,p)	)xe134	103	79	12/01/93
10	ca134 (n,d)	)xe133	104	55	12/01/93
11	ca134 (n,t)	)xe132	105	55	12/01/93
12	ca134 (n,h)	)i 132	106	29	12/01/93
13	ca134 (n,a)	)i 131	107	84	12/01/93
14	ca134 (n,2p)	)i 133	111	35	12/01/93
15	ca134 (n,n*)	)ca134m	304	55	12/01/93
16	ca134 (n,na*)	)i 130m	322	64	12/01/93
17	ca134 (n,np*)	)xe133m	328	36	12/01/93
18	ca134 (n,nt*)	)xe131m	333	22	12/01/93
19	ca134 (n,g*)	)ca135m	402	1854	12/01/93
20	ca134 (n,p*)	)xe134m	403	79	12/01/93
21	ca134 (n,d*)	)xe133m	404	53	12/01/93
22	ca134 (n,h*)	)i 132m	406	29	12/01/93
23	ca134 (n,2p*)	)i 133m	411	35	12/01/93

#	target	product	mt	# engeries	date
1	ca135 (n,n)	)ca135	4	1	12/01/93
2	ca135 (n,2n)	)ca134	16	31	12/01/93
3	ca135 (n,3n)	)ca133	17	20	12/01/93
4	ca135 (n,na)	)i 131	22	68	12/01/93
5	ca135 (n,np)	)xe134	28	40	12/01/93
6	ca135 (n,nd)	)xe133	32	17	12/01/93
7	ca135 (n,nt)	)xe132	33	24	12/01/93
8	ca135 (n,g)	)ca136	102	2433	12/01/93
9	ca135 (n,p)	)xe135	103	79	12/01/93
10	ca135 (n,d)	)xe134	104	55	12/01/93
11	ca135 (n,t)	)xe133	105	51	12/01/93
12	ca135 (n,h)	)i 133	106	27	12/01/93
13	ca135 (n,a)	)i 132	107	71	12/01/93
14	ca135 (n,2p)	)i 134	111	28	12/01/93
15	ca135 (n,n*)	)ca135m	304	51	12/01/93
16	ca135 (n,2n*)	)ca134m	316	27	12/01/93
17	ca135 (n,np*)	)xe134m	328	31	12/01/93
18	ca135 (n,nd*)	)xe133m	332	17	12/01/93
19	ca135 (n,g*)	)ca136m	402	2433	12/01/93
20	ca135 (n,p*)	)xe135m	403	75	12/01/93
21	ca135 (n,d*)	)xe134m	404	46	12/01/93
22	ca135 (n,t*)	)xe133m	405	48	12/01/93
23	ca135 (n,h*)	)i 133m	406	27	12/01/93
24	ca135 (n,a*)	)i 132m	407	71	12/01/93
25	ca135 (n,2p*)	)i 134m	411	28	12/01/93

#	target	product	mt	# engeries	date
1	ca136 (n,n)	)ca136	4	1	12/01/93
2	ca136 (n,2n)	)ca135	16	29	12/01/93
3	ca136 (n,3n)	)ca134	17	20	12/01/93
4	ca136 (n,na)	)i 132	22	59	12/01/93
5	ca136 (n,np)	)xe135	28	37	12/01/93
6	ca136 (n,nd)	)xe134	32	30	12/01/93
7	ca136 (n,nt)	)xe133	33	20	12/01/93
8	ca136 (n,g)	)ca137	102	2037	12/01/93
9	ca136 (n,p)	)xe136	103	79	12/01/93
10	ca136 (n,d)	)xe135	104	52	12/01/93
11	ca136 (n,t)	)xe134	105	53	12/01/93
12	ca136 (n,h)	)i 134	106	23	12/01/93
13	ca136 (n,a)	)i 133	107	75	12/01/93
14	ca136 (n,2p)	)i 135	111	30	12/01/93
15	ca136 (n,n*)	)ca136m	304	61	12/01/93
16	ca136 (n,2n*)	)ca135m	316	20	12/01/93
17	ca136 (n,3n*)	)ca134m	317	20	12/01/93
18	ca136 (n,na*)	)i 132m	322	59	12/01/93
19	ca136 (n,np*)	)xe135m	328	35	12/01/93
20	ca136 (n,nd*)	)xe134m	332	24	12/01/93
21	ca136 (n,nt*)	)xe133m	333	20	12/01/93
22	ca136 (n,d*)	)xe135m	404	50	12/01/93
23	ca136 (n,t*)	)xe134m	405	44	12/01/93
24	ca136 (n,h*)	)i 134m	406	23	12/01/93
25	ca136 (n,a*)	)i 133m	407	75	12/01/93

#	target	product	mt	# engeries	date
1	cs137 (n,2n)	)cs136	16	31	12/01/93
2	cs137 (n,3n)	)cs135	17	19	12/01/93
3	cs137 (n,na)	)i 133	22	58	12/01/93
4	cs137 (n,np)	)xe136	28	46	12/01/93
5	cs137 (n,nd)	)xe135	32	16	12/01/93
6	cs137 (n,nt)	)xe134	33	23	12/01/93
7	cs137 (n,g)	)cs138	102	2830	12/01/93
8	cs137 (n,p)	)xe137	103	60	12/01/93
9	cs137 (n,d)	)xe136	104	52	12/01/93
10	cs137 (n,t)	)xe135	105	50	12/01/93
11	cs137 (n,h)	)i 135	106	23	12/01/93
12	cs137 (n,a)	)i 134	107	67	12/01/93
13	cs137 (n,2p)	)i 136	111	15	12/01/93
14	cs137 (n,2n*)	)cs136m	316	31	12/01/93
15	cs137 (n,3n*)	)cs135m	317	11	12/01/93
16	cs137 (n,na*)	)i 133m	322	54	12/01/93
17	cs137 (n,nd*)	)xe135m	332	15	12/01/93
18	cs137 (n,nt*)	)xe134m	333	17	12/01/93
19	cs137 (n,g*)	)cs138m	402	2830	12/01/93
20	cs137 (n,t*)	)xe135m	405	46	12/01/93
21	cs137 (n,a*)	)i 134m	407	67	12/01/93
22	cs137 (n,2p*)	)i 136m	411	15	12/01/93

#	target	product	mt	# engeries	date
1	ba128 (n,2n)	)ba127	16	23	12/01/93
2	ba128 (n,3n)	)ba126	17	6	12/01/93
3	ba128 (n,na)	)xe124	22	88	12/01/93
4	ba128 (n,np)	)cs127	28	40	12/01/93
5	ba128 (n,nd)	)cs126	32	15	12/01/93
6	ba128 (n,nt)	)cs125	33	10	12/01/93
7	ba128 (n,g)	)ba129	102	384	12/01/93
8	ba128 (n,p)	)cs128	103	81	12/01/93
9	ba128 (n,d)	)cs127	104	59	12/01/93
10	ba128 (n,t)	)cs126	105	47	12/01/93
11	ba128 (n,h)	)xe126	106	48	12/01/93
12	ba128 (n,a)	)xe125	107	81	12/01/93
13	ba128 (n,2p)	)xe127	111	42	12/01/93
14	ba128 (n,g*)	)ba129m	402	384	12/01/93
15	ba128 (n,a*)	)xe125m	407	81	12/01/93
16	ba128 (n,2p*)	)xe127m	411	42	12/01/93

1	ba129 (n,n)	)ba129	4	1	12/01/93
2	ba129 (n,2n)	)ba128	16	24	12/01/93
3	ba129 (n,3n)	)ba127	17	9	12/01/93
4	ba129 (n,na)	)xe125	22	81	12/01/93
5	ba129 (n,np)	)cs128	28	35	12/01/93
6	ba129 (n,nd)	)cs127	32	27	12/01/93
7	ba129 (n,nt)	)cs126	33	12	12/01/93
8	ba129 (n,nh)	)xe126	34	11	12/01/93
9	ba129 (n,g)	)ba130	102	393	12/01/93
10	ba129 (n,p)	)cs129	103	78	12/01/93
11	ba129 (n,d)	)cs128	104	57	12/01/93
12	ba129 (n,t)	)cs127	105	53	12/01/93
13	ba129 (n,h)	)xe127	106	46	12/01/93
14	ba129 (n,a)	)xe126	107	79	12/01/93
15	ba129 (n,2p)	)xe128	111	50	12/01/93
16	ba129 (n,n*)	)ba129m	304	47	12/01/93
17	ba129 (n,na*)	)xe125m	322	74	12/01/93
18	ba129 (n,h*)	)xe127m	406	46	12/01/93

#	target	product	mt	# engeries	date
1	ba130 (n,2n)	)ba129	16	24	12/01/93
2	ba130 (n,3n)	)ba128	17	11	12/01/93
3	ba130 (n,na)	)xe126	22	78	12/01/93
4	ba130 (n,np)	)cs129	28	39	12/01/93
5	ba130 (n,nd)	)cs128	32	14	12/01/93
6	ba130 (n,nt)	)cs127	33	11	12/01/93
7	ba130 (n,g)	)ba131	102	8473	12/01/93
8	ba130 (n,p)	)cs130	103	81	12/01/93
9	ba130 (n,d)	)cs129	104	57	12/01/93
10	ba130 (n,t)	)cs128	105	47	12/01/93
11	ba130 (n,h)	)xe128	106	45	12/01/93

#	target	product	mt	# engeries	date
12	ba130 (n,a)	)xe127	107	83	12/01/93
13	ba130 (n,2p)	)xe129	111	37	12/01/93
14	ba130 (n,2n*)	)ba129m	316	24	12/01/93
15	ba130 (n,g*)	)ba131m	402	8479	12/01/93
16	ba130 (n,a*)	)xe127m	407	83	12/01/93
17	ba130 (n,2p*)	)xe129m	411	37	12/01/93
1	ba131 (n,n)	)ba131	4	1	12/01/93
2	ba131 (n,2n)	)ba130	16	22	12/01/93
3	ba131 (n,3n)	)ba129	17	15	12/01/93
4	ba131 (n,na)	)xe127	22	74	12/01/93
5	ba131 (n,np)	)cs130	28	35	12/01/93
6	ba131 (n,nd)	)cs129	32	27	12/01/93
7	ba131 (n,nt)	)cs128	33	12	12/01/93
8	ba131 (n,nh)	)xe128	34	7	12/01/93
9	ba131 (n,g)	)ba132	102	393	12/01/93
10	ba131 (n,p)	)cs131	103	79	12/01/93
11	ba131 (n,d)	)cs130	104	56	12/01/93
12	ba131 (n,t)	)cs129	105	51	12/01/93
13	ba131 (n,h)	)xe129	106	41	12/01/93
14	ba131 (n,a)	)xe128	107	82	12/01/93
15	ba131 (n,2p)	)xe130	111	43	12/01/93
16	ba131 (n,n*)	)ba131m	304	48	12/01/93
17	ba131 (n,3n*)	)ba129m	317	15	12/01/93
18	ba131 (n,na*)	)xe127m	322	69	12/01/93
19	ba131 (n,h*)	)xe129m	406	41	12/01/93

#	target	product	mt	# engeries	date
1	ba132 (n,2n)	)ba131	16	25	12/01/93
2	ba132 (n,3n)	)ba130	17	17	12/01/93
3	ba132 (n,na)	)xe128	22	73	12/01/93
4	ba132 (n,np)	)cs131	28	38	12/01/93
5	ba132 (n,nd)	)cs130	32	14	12/01/93
6	ba132 (n,nt)	)cs129	33	12	12/01/93
7	ba132 (n,g)	)ba133	102	143	12/01/93
8	ba132 (n,p)	)cs132	103	82	12/01/93
9	ba132 (n,d)	)cs131	104	54	12/01/93
10	ba132 (n,t)	)cs130	105	45	1 /01/93
11	ba132 (n,h)	)xe130	106	39	12/01/93
12	ba132 (n,a)	)xe129	107	81	12/01/93
13	ba132 (n,2p)	)xe131	111	35	12/01/93
14	ba132 (n,2n*)	)ba131m	316	23	12/01/93
15	ba132 (n,g*)	)ba133m	402	145	12/01/93
16	ba132 (n,a*)	)xe129m	407	81	12/01/93
17	ba132 (n,2p*)	)xe131m	411	35	12/01/93

1	ba133 (n,n)	)ba133	4	1	12/01/93
2	ba133 (n,2n)	)ba132	16	24	12/01/93
3	ba133 (n,3n)	)ba131	17	15	12/01/93
4	ba133 (n,na)	)xe129	22	71	12/01/93
5	ba133 (n,np)	)cs132	28	34	12/01/93
6	ba133 (n,nd)	)cs131	32	27	12/01/93
7	ba133 (n,nt)	)cs130	33	12	12/01/93
8	ba133 (n,g)	)ba134	102	397	12/01/93
9	ba133 (n,p)	)cs133	103	81	12/01/93
10	ba133 (n,d)	)cs132	104	53	12/01/93
11	ba133 (n,t)	)cs131	105	53	12/01/93
12	ba133 (n,h)	)xe131	106	37	12/01/93
13	ba133 (n,a)	)xe130	107	80	12/01/93
14	ba133 (n,2p)	)xe132	111	38	12/01/93
15	ba133 (n,n*)	)ba133m	304	47	12/01/93
16	ba133 (n,3n*)	)ba131m	317	15	12/01/93
17	ba133 (n,na*)	)xe129m	322	68	12/01/93
18	ba133 (n,h*)	)xe131m	406	37	12/01/93

#	target	product	mt	# engeries	date
1	ba133m(n,n)	)ba133	4	47	12/01/93
2	ba133m(n,2n)	)ba132	16	21	12/01/93
3	ba133m(n,3n)	)ba131	17	14	12/01/93
4	ba133m(n,na)	)xe129	22	68	12/01/93
5	ba133m(n,np)	)cs132	28	31	12/01/93
6	ba133m(n,nd)	)cs131	32	25	12/01/93

#	target	product	mt	# engeries	date
7	ba133m(n,nt	)ca130	33	10	12/01/93
8	ba133m(n,g	)ba134	102	397	12/01/93
9	ba133m(n,p	)ca133	103	81	12/01/93
10	ba133m(n,d	)ca132	104	50	12/01/93
11	ba133m(n,t	)ca131	105	50	12/01/93
12	ba133m(n,h	)xe131	106	37	12/01/93
13	ba133m(n,a	)xe130	107	80	12/01/93
14	ba133m(n,2p	)xe132	111	38	12/01/93
15	ba133m(n,3n*	)ba131m	317	12	12/01/93
16	ba133m(n,na*	)xe129m	322	68	12/01/93
17	ba133m(n,h*	)xe131m	406	37	12/01/93
1	ba134 (n,2n	)ba133	16	24	12/01/93
2	ba134 (n,3n	)ba132	17	17	12/01/93
3	ba134 (n,na	)xe130	22	72	12/01/93
4	ba134 (n,np	)ca133	28	37	12/01/93
5	ba134 (n,nd	)ca132	32	13	12/01/93
6	ba134 (n,nt	)ca131	33	12	12/01/93
7	ba134 (n,g	)ba135	102	2509	12/01/93
8	ba134 (n,p	)ca134	103	71	12/01/93
9	ba134 (n,d	)ca133	104	52	12/01/93
10	ba134 (n,t	)ca132	105	45	12/01/93
11	ba134 (n,h	)xe132	106	35	12/01/93
12	ba134 (n,a	)xe131	107	77	12/01/93
13	ba134 (n,2p	)xe133	111	30	12/01/93
14	ba134 (n,2n*	)ba133m	316	24	12/01/93
15	ba134 (n,g*	)ba135m	402	2511	12/01/93
16	ba134 (n,p*	)ca134m	403	71	12/01/93
17	ba134 (n,a*	)xe131m	407	77	12/01/93
18	ba134 (n,2p*	)xe133m	411	30	12/01/93

#	target	product	mt	# engeries	date
1	ba135 (n,n	)ba135	4	1	12/01/93
2	ba135 (n,2n	)ba134	16	24	12/01/93
3	ba135 (n,3n	)ba133	17	16	12/01/93
4	ba135 (n,na	)xe131	22	69	12/01/93
5	ba135 (n,np	)ca134	28	32	12/01/93
6	ba135 (n,nd	)ca133	32	25	12/01/93
7	ba135 (n,nt	)ca132	33	12	12/01/93
8	ba135 (n,g	)ba136	102	3476	12/01/93
9	ba135 (n,p	)ca135	103	81	12/01/93
10	ba135 (n,d	)ca134	104	50	12/01/93
11	ba135 (n,t	)ca133	105	51	12/01/93
12	ba135 (n,h	)xe133	106	33	12/01/93
13	ba135 (n,a	)xe132	107	82	12/01/93
14	ba135 (n,2p	)xe134	111	36	12/01/93
15	ba135 (n,n*	)ba135m	304	50	12/01/93
16	ba135 (n,3n*	)ba133m	317	16	12/01/93
17	ba135 (n,na*	)xe131m	322	67	12/01/93
18	ba135 (n,np*	)ca134m	328	32	12/01/93
19	ba135 (n,g*	)ba136m	402	3470	12/01/93
20	ba135 (n,p*	)ca135m	403	67	12/01/93
21	ba135 (n,d*	)ca134m	404	50	12/01/93
22	ba135 (n,h*	)xe133m	406	33	12/01/93
23	ba135 (n,2p*	)xe134m	411	36	12/01/93

1	ba135m(n,n	)ba135	4	51	12/01/93
2	ba135m(n,2n	)ba134	16	24	12/01/93
3	ba135m(n,3n	)ba133	17	15	12/01/93
4	ba135m(n,na	)xe131	22	67	12/01/93
5	ba135m(n,np	)ca134	28	29	12/01/93
6	ba135m(n,nd	)ca133	32	25	12/01/93
7	ba135m(n,nt	)ca132	33	10	12/01/93
8	ba135m(n,g	)ba136	102	3473	12/01/93
9	ba135m(n,p	)ca135	103	81	12/01/93
10	ba135m(n,d	)ca134	104	50	12/01/93
11	ba135m(n,t	)ca133	105	51	12/01/93
12	ba135m(n,h	)xe133	106	33	12/01/93
13	ba135m(n,a	)xe132	107	82	12/01/93
14	ba135m(n,2p	)xe134	111	36	12/01/93
15	ba135m(n,3n*	)ba133m	317	13	12/01/93
16	ba135m(n,na*	)xe131m	322	67	12/01/93
17	ba135m(n,np*	)ca134m	328	29	12/01/93

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#	target	product	mt	# engeries	date
18	ba135m(n,g*	)ba136m	402	3475	12/01/93
19	ba135m(n,p*	)cs135m	403	67	12/01/93
20	ba135m(n,d*	)cs134m	404	50	12/01/93
21	ba135m(n,h*	)xe133m	406	33	12/01/93
22	ba135m(n,2p*	)xe134m	411	36	12/01/93

#	target	product	mt	# engeries	date
1	ba136 (n,n	)ba136	4	1	12/01/93
2	ba136 (n,2n	)ba135	16	25	12/01/93
3	ba136 (n,3n	)ba134	17	18	12/01/93
4	ba136 (n,na	)xe132	22	71	12/01/93
5	ba136 (n,np	)cs135	28	34	12/01/93
6	ba136 (n,nd	)cs134	32	13	12/01/93
7	ba136 (n,nt	)cs133	33	12	12/01/93
8	ba136 (n,g	)ba137	102	1243	12/01/93
9	ba136 (n,p	)cs136	103	70	12/01/93
10	ba136 (n,d	)cs135	104	52	12/01/93
11	ba136 (n,t	)cs134	105	45	12/01/93
12	ba136 (n,h	)xe134	106	29	12/01/93
13	ba136 (n,a	)xe133	107	73	12/01/93
14	ba136 (n,2p	)xe135	111	27	12/01/93
15	ba136 (n,n*	)ba136m	304	53	12/01/93
16	ba136 (n,2n*	)ba135m	316	25	12/01/93
17	ba136 (n,np*	)cs135m	328	28	12/01/93
18	ba136 (n,nd*	)cs134m	332	13	12/01/93
19	ba136 (n,g*	)ba137m	402	1242	12/01/93
20	ba136 (n,p*	)cs136m	403	70	12/01/93
21	ba136 (n,d*	)cs135m	404	45	12/01/93
22	ba136 (n,t*	)cs134m	405	42	12/01/93
23	ba136 (n,h*	)xe134m	406	29	12/01/93
24	ba136 (n,a*	)xe133m	407	73	12/01/93
25	ba136 (n,2p*	)xe135m	411	27	12/01/93

#	target	product	mt	# engeries	date
1	ba137 (n,n	)ba137	4	1	12/01/93
2	ba137 (n,2n	)ba136	16	33	12/01/93
3	ba137 (n,3n	)ba135	17	17	12/01/93
4	ba137 (n,na	)xe133	22	67	12/01/93
5	ba137 (n,np	)cs136	28	33	12/01/93
6	ba137 (n,nd	)cs135	32	25	12/01/93
7	ba137 (n,nt	)cs134	33	12	12/01/93
8	ba137 (n,g	)ba138	102	2227	12/01/93
9	ba137 (n,p	)cs137	103	26	12/01/93
10	ba137 (n,d	)cs136	104	51	12/01/93
11	ba137 (n,t	)cs135	105	51	12/01/93
12	ba137 (n,h	)xe135	106	27	12/01/93
13	ba137 (n,a	)xe134	107	81	12/01/93
14	ba137 (n,2p	)xe136	111	30	12/01/93
15	ba137 (n,n*	)ba137m	304	52	12/01/93
16	ba137 (n,2n*	)ba136m	316	19	12/01/93
17	ba137 (n,3n*	)ba135m	317	17	12/01/93
18	ba137 (n,na*	)xe133m	322	67	12/01/93
19	ba137 (n,np*	)cs136m	328	33	12/01/93
20	ba137 (n,nd*	)cs135m	332	21	12/01/93
21	ba137 (n,nt*	)cs134m	333	10	12/01/93
22	ba137 (n,d*	)cs136m	404	51	12/01/93
23	ba137 (n,t*	)cs135m	405	42	12/01/93
24	ba137 (n,h*	)xe135m	406	27	12/01/93
25	ba137 (n,a*	)xe134m	407	81	12/01/93

1	ba138 (n,2n	)ba137	16	24	12/01/93
2	ba138 (n,3n	)ba136	17	17	12/01/93
3	ba138 (n,na	)xe134	22	66	12/01/93
4	ba138 (n,np	)cs137	28	40	12/01/93
5	ba138 (n,nd	)cs136	32	13	12/01/93
6	ba138 (n,nt	)cs135	33	12	12/01/93
7	ba138 (n,g	)ba139	102	7136	12/01/93
8	ba138 (n,p	)cs138	103	54	12/01/93
9	ba138 (n,d	)cs137	104	50	12/01/93
10	ba138 (n,t	)cs136	105	45	12/01/93
11	ba138 (n,h	)xe136	106	25	12/01/93
12	ba138 (n,a	)xe135	107	72	12/01/93

#	target	product	mt	# engeries	date
13	ba138 (n,2p)	xe137	111	15	12/01/93
14	ba138 (n,2n*)	ba137m	316	23	12/01/93
15	ba138 (n,3n*)	ba136m	317	8	12/01/93
16	ba138 (n,na*)	xe134m	322	56	12/01/93
17	ba138 (n,nd*)	cs136m	332	13	12/01/93
18	ba138 (n,nt*)	cs135m	333	8	12/01/93
19	ba138 (n,p*)	cs138m	403	54	12/01/93
20	ba138 (n,t*)	cs136m	405	45	12/01/93
21	ba138 (n,a*)	xe135m	407	72	12/01/93

#	target	product	mt	# engeries	date
1	ba139 (n,2n)	ba138	16	37	12/01/93
2	ba139 (n,3n)	ba137	17	25	12/01/93
3	ba139 (n,na)	xe135	22	73	12/01/93
4	ba139 (n,np)	cs138	28	33	12/01/93
5	ba139 (n,nd)	cs137	32	31	12/01/93
6	ba139 (n,nt)	cs136	33	22	12/01/93
7	ba139 (n,g)	ba140	102	377	12/01/93
8	ba139 (n,p)	cs139	103	61	12/01/93
9	ba139 (n,d)	cs138	104	49	12/01/93
10	ba139 (n,t)	cs137	105	55	12/01/93
11	ba139 (n,h)	xe137	106	21	12/01/93
12	ba139 (n,a)	xe136	107	86	12/01/93
13	ba139 (n,2p)	xe138	111	19	12/01/93
14	ba139 (n,3n*)	ba137m	317	18	12/01/93
15	ba139 (n,na*)	xe135m	322	70	12/01/93
16	ba139 (n,np*)	cs138m	328	33	12/01/93
17	ba139 (n,nt*)	cs136m	333	22	12/01/93
18	ba139 (n,d*)	cs138m	404	49	12/01/93

1	ba140 (n,2n)	ba139	16	57	12/01/93
2	ba140 (n,3n)	ba138	17	27	12/01/93
3	ba140 (n,na)	xe136	22	66	12/01/93
4	ba140 (n,np)	cs139	28	36	12/01/93
5	ba140 (n,nd)	cs138	32	22	12/01/93
6	ba140 (n,nt)	cs137	33	32	12/01/93
7	ba140 (n,g)	ba141	102	3353	12/01/93
8	ba140 (n,p)	cs140	103	54	12/01/93
9	ba140 (n,d)	cs139	104	48	12/01/93
10	ba140 (n,t)	cs138	105	49	12/01/93
11	ba140 (n,h)	xe138	106	19	12/01/93
12	ba140 (n,a)	xe137	107	74	12/01/93
13	ba140 (n,2p)	xe139	111	11	12/01/93
14	ba140 (n,nd*)	cs138m	332	22	12/01/93
15	ba140 (n,t*)	cs138m	405	46	12/01/93

#	target	product	mt	# engeries	date
1	la137 (n,2n)	la136	16	25	12/01/93
2	la137 (n,3n)	la135	17	16	12/01/93
3	la137 (n,na)	cs133	22	76	12/01/93
4	la137 (n,np)	ba136	28	43	12/01/93
5	la137 (n,nd)	ba135	32	20	12/01/93
6	la137 (n,nt)	ba134	33	24	12/01/93
7	la137 (n,g)	la138	102	407	12/01/93
8	la137 (n,p)	ba137	103	81	12/01/93
9	la137 (n,d)	ba136	104	63	12/01/93
10	la137 (n,t)	ba135	105	52	12/01/93
11	la137 (n,h)	cs135	106	35	12/01/93
12	la137 (n,a)	cs134	107	79	12/01/93
13	la137 (n,2p)	cs136	111	33	12/01/93
14	la137 (n,2n*)	la136m	316	25	12/01/93
15	la137 (n,np*)	ba136m	328	34	12/01/93
16	la137 (n,nd*)	ba135m	332	19	12/01/93
17	la137 (n,p*)	ba137m	403	81	12/01/93
18	la137 (n,d*)	ba136m	404	51	12/01/93
19	la137 (n,t*)	ba135m	405	52	12/01/93
20	la137 (n,h*)	cs135m	406	35	12/01/93
21	la137 (n,a*)	cs134m	407	79	12/01/93
22	la137 (n,2p*)	cs136m	411	33	12/01/93

#	target	product	mt	# engeries	date
1	la138 (n,2n)	)la137	16	24	12/01/93
2	la138 (n,3n)	)la136	17	17	12/01/93
3	la138 (n,na)	)cs134	22	70	12/01/93
4	la138 (n,np)	)ba137	28	37	12/01/93
5	la138 (n,nd)	)ba136	32	31	12/01/93
6	la138 (n,nt)	)ba135	33	20	12/01/93
7	la138 (n,g)	)la139	102	1560	12/01/93
8	la138 (n,p)	)ba138	103	78	12/01/93
9	la138 (n,d)	)ba137	104	58	12/01/93
10	la138 (n,t)	)ba136	105	56	12/01/93
11	la138 (n,h)	)cs136	106	31	12/01/93
12	la138 (n,a)	)cs135	107	81	12/01/93
13	la138 (n,2p)	)cs137	111	36	12/01/93
14	la138 (n,3n*)	)la136m	317	17	12/01/93
15	la138 (n,na*)	)cs134m	322	70	12/01/93
16	la138 (n,np*)	)ba137m	328	35	12/01/93
17	la138 (n,nd*)	)ba136m	332	24	12/01/93
18	la138 (n,nt*)	)ba135m	333	20	12/01/93
19	la138 (n,d*)	)ba137m	404	52	12/01/93
20	la138 (n,t*)	)ba136m	405	46	12/01/93
21	la138 (n,h*)	)cs136m	406	31	12/01/93
22	la138 (n,a*)	)cs135m	407	81	12/01/93

#	target	product	mt	# engeries	date
1	la139 (n,2n)	)la138	16	30	12/01/93
2	la139 (n,3n)	)la137	17	19	12/01/93
3	la139 (n,na)	)cs135	22	70	12/01/93
4	la139 (n,np)	)ba138	28	47	12/01/93
5	la139 (n,nd)	)ba137	32	18	12/01/93
6	la139 (n,nt)	)ba136	33	24	12/01/93
7	la139 (n,g)	)la140	102	1282	12/01/93
8	la139 (n,p)	)ba139	103	71	12/01/93
9	la139 (n,d)	)ba138	104	58	12/01/93
10	la139 (n,t)	)ba137	105	53	12/01/93
11	la139 (n,h)	)cs137	106	29	12/01/93
12	la139 (n,a)	)cs136	107	78	12/01/93
13	la139 (n,2p)	)cs138	111	23	12/01/93
14	la139 (n,na*)	)cs135m	322	62	12/01/93
15	la139 (n,nd*)	)ba137m	332	17	12/01/93
16	la139 (n,nt*)	)ba136m	333	18	12/01/93
17	la139 (n,t*)	)ba137m	405	48	12/01/93
18	la139 (n,a*)	)cs136m	407	78	12/01/93
19	la139 (n,2p*)	)cs138m	411	23	12/01/93

1	la140 (n,2n)	)la139	16	29	12/01/93
2	la140 (n,3n)	)la138	17	21	12/01/93
3	la140 (n,na)	)cs136	22	82	12/01/93
4	la140 (n,np)	)ba139	28	40	12/01/93
5	la140 (n,nd)	)ba138	32	39	12/01/93
6	la140 (n,nt)	)ba137	33	31	12/01/93
7	la140 (n,g)	)la141	102	459	12/01/93
8	la140 (n,p)	)ba140	103	88	12/01/93
9	la140 (n,d)	)ba139	104	59	12/01/93
10	la140 (n,t)	)ba138	105	68	12/01/93
11	la140 (n,h)	)cs138	106	25	12/01/93
12	la140 (n,a)	)cs137	107	86	12/01/93
13	la140 (n,2p)	)cs139	111	26	12/01/93
14	la140 (n,na*)	)cs136m	322	82	12/01/93
15	la140 (n,nt*)	)ba137m	333	30	12/01/93
16	la140 (n,h*)	)cs138m	406	25	12/01/93

#	target	product	mt	# engeries	date
1	la141 (n,2n)	)la140	16	47	12/01/93
2	la141 (n,3n)	)la139	17	22	12/01/93
3	la141 (n,na)	)cs137	22	72	12/01/93
4	la141 (n,np)	)ba140	28	42	12/01/93
5	la141 (n,nd)	)ba139	32	29	12/01/93
6	la141 (n,nt)	)ba138	33	42	12/01/93
7	la141 (n,g)	)la142	102	418	12/01/93
8	la141 (n,p)	)ba141	103	70	12/01/93
9	la141 (n,d)	)ba140	104	57	12/01/93
10	la141 (n,t)	)ba139	105	58	12/01/93

#	target	product	mt	# engeries	date
11	la141 (n,h	)ce139	106	21	12/01/93
12	la141 (n,a	)ce138	107	77	12/01/93
13	la141 (n,2p	)ce140	111	19	12/01/93
14	la141 (n,a*	)ce138m	407	77	12/01/93
1	ce136 (n,2n	)ce135	16	21	12/01/93
2	ce136 (n,3n	)ce134	17	11	12/01/93
3	ce136 (n,na	)ba132	22	83	12/01/93
4	ce136 (n,np	)la135	28	40	12/01/93
5	ce136 (n,nd	)la134	32	15	12/01/93
6	ce136 (n,nt	)la133	33	12	12/01/93
7	ce136 (n,g	)ce137	102	2477	12/01/93
8	ce136 (n,p	)la136	103	83	12/01/93
9	ce136 (n,d	)la135	104	57	12/01/93
10	ce136 (n,t	)la134	105	47	12/01/93
11	ce136 (n,h	)ba134	106	41	12/01/93
12	ce136 (n,a	)ba133	107	84	12/01/93
13	ce136 (n,2p	)ba135	111	36	12/01/93
14	ce136 (n,2n*	)ce135m	316	20	12/01/93
15	ce136 (n,g*	)ce137m	402	2474	12/01/93
16	ce136 (n,p*	)la176m	403	83	12/01/93
17	ce136 (n,a*	)ba133m	407	84	12/01/93
18	ce136 (n,2p*	)ba135m	411	36	12/01/93

#	target	product	mt	# engeries	date
1	ce137m(n,n	)ce137	4	71	12/01/93
2	ce137m(n,2n	)ce136	16	23	12/01/93
3	ce137m(n,3n	)ce135	17	13	12/01/93
4	ce137m(n,na	)ba133	22	72	12/01/93
5	ce137m(n,np	)la136	28	34	12/01/93
6	ce137m(n,nd	)la135	32	25	12/01/93
7	ce137m(n,nt	)la134	33	12	12/01/93
8	ce137m(n,g	)ce138	102	396	12/01/93
9	ce137m(n,p	)la137	103	80	12/01/93
10	ce137m(n,d	)la136	104	52	12/01/93
11	ce137m(n,t	)la135	105	53	12/01/93
12	ce137m(n,h	)ba135	106	39	12/01/93
13	ce137m(n,a	)ba134	107	83	12/01/93
14	ce137m(n,2p	)ba136	111	40	12/01/93
15	ce137m(n,2n*	)ce136m	316	23	12/01/93
16	ce137m(n,3n*	)ce135m	317	10	12/01/93
17	ce137m(n,na*	)ba133m	322	72	12/01/93
18	ce137m(n,np*	)la136m	328	32	12/01/93
19	ce137m(n,d*	)la136m	404	52	12/01/93
20	ce137m(n,h*	)ba135m	406	39	12/01/93
21	ce137m(n,2p*	)ba136m	411	40	12/01/93

1	ce138 (n,2n	)ce137	16	24	12/01/93
2	ce138 (n,3n	)ce136	17	17	12/01/93
3	ce138 (n,na	)ba134	22	74	12/01/93
4	ce138 (n,np	)la137	28	38	12/01/93
5	ce138 (n,nd	)la136	32	14	12/01/93
6	ce138 (n,nt	)la135	33	12	12/01/93
7	ce138 (n,g	)ce139	102	354	12/01/93
8	ce138 (n,p	)la138	103	84	12/01/93
9	ce138 (n,d	)la137	104	53	12/01/93
10	ce138 (n,t	)la136	105	48	12/01/93
11	ce138 (n,h	)ba136	106	37	12/01/93
12	ce138 (n,a	)ba135	107	83	12/01/93
13	ce138 (n,2p	)ba137	111	33	12/01/93
14	ce138 (n,2n*	)ce137m	316	22	12/01/93
15	ce138 (n,3n*	)ce136m	317	17	12/01/93
16	ce138 (n,nd*	)la136m	332	14	12/01/93
17	ce138 (n,g*	)ce139m	402	361	12/01/93
18	ce138 (n,t*	)la136m	405	45	12/01/93
19	ce138 (n,h*	)ba136m	406	37	12/01/93
20	ce138 (n,n*	)ba135m	407	83	12/01/93
21	ce138 (n,2p*	)ba137m	411	33	12/01/93

#	target	product	mt	# engeries	date
1	ce139 (n,n	)ce139	4	1	12/01/93
2	ce139 (n,2n	)ce138	16	24	12/01/93
3	ce139 (n,3n	)ce137	17	17	12/01/93
4	ce139 (n,na	)ba135	22	72	12/01/93
5	ce139 (n,np	)la138	28	34	12/01/93
6	ce139 (n,nd	)la137	32	24	12/01/93
7	ce139 (n,nt	)la136	33	11	12/01/93
8	ce139 (n,g	)ce140	102	377	12/01/93
9	ce139 (n,p	)la139	103	81	12/01/93
10	ce139 (n,d	)la138	104	51	12/01/93
11	ce139 (n,t	)la137	105	52	12/01/93
12	ce139 (n,h	)ba137	106	35	12/01/93
13	ce139 (n,a	)ba136	107	81	12/01/93
14	ce139 (n,2p	)ba138	111	36	12/01/93
15	ce139 (n,n*	)ce139m	304	53	12/01/93
16	ce139 (n,3n*	)ce137m	317	13	12/01/93
17	ce139 (n,na*	)ba135m	322	72	12/01/93
18	ce139 (n,nt*	)la136m	333	10	12/01/93
19	ce139 (n,h*	)ba137m	406	35	12/01/93
20	ce139 (n,a*	)ba136m	407	81	12/01/93

1	ce140 (n,2n	)ce139	16	26	12/01/93
2	ce140 (n,3n	)ce138	17	18	12/01/93
3	ce140 (n,na	)ba136	22	73	12/01/93
4	ce140 (n,np	)la139	28	41	12/01/93
5	ce140 (n,nd	)la138	32	14	12/01/93
6	ce140 (n,nt	)la137	33	11	12/01/93
7	ce140 (n,g	)ce141	102	1831	12/01/93
8	ce140 (n,p	)la140	103	66	12/01/93
9	ce140 (n,d	)la139	104	54	12/01/93
10	ce140 (n,t	)la138	105	47	12/01/93
11	ce140 (n,h	)ba138	106	31	12/01/93
12	ce140 (n,a	)ba137	107	79	12/01/93
13	ce140 (n,2p	)ba139	111	25	12/01/93
14	ce140 (n,2n*	)ce139m	316	21	12/01/93
15	ce140 (n,na*	)ba136m	322	62	12/01/93
16	ce140 (n,a*	)ba137m	407	79	12/01/93

#	target	product	mt	# engeries	date
1	ce141 (n,2n	)ce140	16	38	12/01/93
2	ce141 (n,3n	)ce139	17	22	12/01/93
3	ce141 (n,na	)ba137	22	78	12/01/93
4	ce141 (n,np	)la140	28	36	12/01/93
5	ce141 (n,nd	)la139	32	33	12/01/93
6	ce141 (n,nt	)la138	33	19	12/01/93
7	ce141 (n,g	)ce142	102	4313	12/01/93
8	ce141 (n,p	)la141	103	74	12/01/93
9	ce141 (n,d	)la140	104	51	12/01/93
10	ce141 (n,t	)la139	105	55	12/01/93
11	ce141 (n,h	)ba139	106	29	12/01/93
12	ce141 (n,a	)ba138	107	83	12/01/93
13	ce141 (n,2p	)ba140	111	28	12/01/93
14	ce141 (n,3n*	)ce139m	317	18	12/01/93
15	ce141 (n,na*	)ba137m	322	74	12/01/93

1	ce142 (n,2n	)ce141	16	42	12/01/93
2	ce142 (n,3n	)ce140	17	26	12/01/93
3	ce142 (n,na	)ba138	22	72	12/01/93
4	ce142 (n,np	)la141	28	37	12/01/93
5	ce142 (n,nd	)la140	32	23	12/01/93
6	ce142 (n,nt	)la139	33	30	12/01/93
7	ce142 (n,g	)ce143	102	1317	12/01/93
8	ce142 (n,p	)la142	103	62	12/01/93
9	ce142 (n,d	)la141	104	51	12/01/93
10	ce142 (n,t	)la140	105	50	12/01/93
11	ce142 (n,h	)ba140	106	25	12/01/93
12	ce142 (n,a	)ba139	107	83	12/01/93
13	ce142 (n,2p	)ba141	111	19	12/01/93

#	target	product	mt	# engeries	date
1	ce143 (n,2n)	)ce142	16	42	12/01/93
2	ce143 (n,3n)	)ce141	17	27	12/01/93
3	ce143 (n,na)	)ba139	22	80	12/01/93
4	ce143 (n,np)	)la142	28	35	12/01/93
5	ce143 (n,nd)	)la141	32	31	12/01/93
6	ce143 (n,nt)	)la140	33	30	12/01/93
7	ce143 (n,g)	)ce144	102	465	12/01/93
8	ce143 (n,p)	)la143	103	67	12/01/93
9	ce143 (n,d)	)la142	104	50	12/01/93
10	ce143 (n,t)	)la141	105	54	12/01/93
11	ce143 (n,h)	)ba141	106	23	12/01/93
12	ce143 (n,a)	)ba140	107	86	12/01/93
13	ce143 (n,2p)	)ba142	111	23	12/01/93

#	target	product	mt	# engeries	date
1	ce144 (n,2n)	)ce143	16	50	12/01/93
2	ce144 (n,3n)	)ce142	17	23	12/01/93
3	ce144 (n,na)	)ba140	22	70	12/01/93
4	ce144 (n,np)	)la143	28	39	12/01/93
5	ce144 (n,nd)	)la142	32	24	12/01/93
6	ce144 (n,nt)	)la141	33	29	12/01/93
7	ce144 (n,g)	)ce145	102	3857	12/01/93
8	ce144 (n,p)	)la144	103	56	12/01/93
9	ce144 (n,d)	)la143	104	49	12/01/93
10	ce144 (n,t)	)la142	105	50	12/01/93
11	ce144 (n,h)	)ba142	106	19	12/01/93
12	ce144 (n,a)	)ba141	107	73	12/01/93
13	ce144 (n,2p)	)ba143	111	13	12/01/93

1	pr141 (n,2n)	)pr140	16	31	12/01/93
2	pr141 (n,3n)	)pr139	17	17	12/01/93
3	pr141 (n,na)	)la137	22	76	12/01/93
4	pr141 (n,np)	)ce140	28	49	12/01/93
5	pr141 (n,nd)	)ce139	32	20	12/01/93
6	pr141 (n,nt)	)ce138	33	21	12/01/93
7	pr141 (n,g)	)pr142	102	1282	12/01/93
8	pr141 (n,p)	)ce141	103	84	12/01/93
9	pr141 (n,d)	)ce140	104	64	12/01/93
10	pr141 (n,t)	)ce139	105	55	12/01/93
11	pr141 (n,h)	)la139	106	35	12/01/93
12	pr141 (n,a)	)la138	107	84	12/01/93
13	pr141 (n,2p)	)la140	111	31	12/01/93
14	pr141 (n,nd*)	)ce139m	332	16	12/01/93
15	pr141 (n,g*)	)pr142m	402	1282	12/01/93
16	pr141 (n,t*)	)ce139m	405	50	12/01/93

1	pr142 (n,n)	)pr142	4	1	12/01/93
2	pr142 (n,2n)	)pr141	16	32	12/01/93
3	pr142 (n,3n)	)pr140	17	20	12/01/93
4	pr142 (n,na)	)la138	22	83	12/01/93
5	pr142 (n,np)	)ce141	28	42	12/01/93
6	pr142 (n,nd)	)ce140	32	39	12/01/93
7	pr142 (n,nt)	)ce139	33	32	12/01/93
8	pr142 (n,nh)	)la139	34	4	12/01/93
9	pr142 (n,g)	)pr143	102	466	12/01/93
10	pr142 (n,p)	)ce142	103	86	12/01/93
11	pr142 (n,d)	)ce141	104	64	12/01/93
12	pr142 (n,t)	)ce140	105	68	12/01/93
13	pr142 (n,h)	)la140	106	33	12/01/93
14	pr142 (n,a)	)la139	107	84	12/01/93
15	pr142 (n,2p)	)la141	111	34	12/01/93
16	pr142 (n,n*)	)pr142m	304	55	12/01/93
17	pr142 (n,nt*)	)ce139m	333	28	12/01/93

#	target	product	mt	# engeries	date
1	pr143 (n,2n)	)pr142	16	44	12/01/93
2	pr143 (n,3n)	)pr141	17	25	12/01/93
3	pr143 (n,na)	)la139	22	80	12/01/93
4	pr143 (n,np)	)ce142	28	45	12/01/93
5	pr143 (n,nd)	)ce141	32	30	12/01/93
6	pr143 (n,nt)	)ce140	33	42	12/01/93
7	pr143 (n,g)	)pr144	102	469	12/01/93

#	target	product	mt	# engeries	date
8	pr143 (n,p)	)ce143	103	83	12/01/93
9	pr143 (n,d)	)ce142	104	61	12/01/93
10	pr143 (n,t)	)ce141	105	57	12/01/93
11	pr143 (n,h)	)la141	106	29	12/01/93
12	pr143 (n,a)	)la140	107	89	12/01/93
13	pr143 (n,2p)	)la142	111	26	12/01/93
14	pr143 (n,2n*)	)pr142m	316	44	12/01/93
15	pr143 (n,g*)	)pr144m	402	471	12/01/93
1	nd140 (n,2n)	)nd139	16	23	12/01/93
2	nd140 (n,3n)	)nd138	17	11	12/01/93
3	nd140 (n,na)	)ce136	22	84	12/01/93
4	nd140 (n,np)	)pr139	28	39	12/01/93
5	nd140 (n,nd)	)pr138	32	14	12/01/93
6	nd140 (n,nt)	)pr137	33	11	12/01/93
7	nd140 (n,g)	)nd141	102	368	12/01/93
8	nd140 (n,p)	)pr140	103	82	12/01/93
9	nd140 (n,d)	)pr139	104	61	12/01/93
10	nd140 (n,t)	)pr138	105	48	12/01/93
11	nd140 (n,h)	)ce138	106	43	12/01/93
12	nd140 (n,a)	)ce137	107	83	12/01/93
13	nd140 (n,2p)	)ce139	111	38	12/01/93
14	nd140 (n,2n*)	)nd139m	316	21	12/01/93
15	nd140 (n,na*)	)ce136m	322	84	12/01/93
16	nd140 (n,nd*)	)pr138m	332	13	12/01/93
17	nd140 (n,g*)	)nd141m	402	368	12/01/93
18	nd140 (n,t*)	)pr138m	405	48	12/01/93
19	nd140 (n,a*)	)ce137m	407	83	12/01/93
20	nd140 (n,2p*)	)ce139m	411	38	12/01/93

#	target	product	mt	# engeries	date
1	nd141 (n,n)	)nd141	4	1	12/01/93
2	nd141 (n,2n)	)nd140	16	22	12/01/93
3	nd141 (n,3n)	)nd139	17	13	12/01/93
4	nd141 (n,na)	)ce137	22	79	12/01/93
5	nd141 (n,np)	)pr140	28	38	12/01/93
6	nd141 (n,nd)	)pr139	32	26	12/01/93
7	nd141 (n,nt)	)pr138	33	11	12/01/93
8	nd141 (n,g)	)nd142	102	386	12/01/93
9	nd141 (n,p)	)pr141	103	79	12/01/93
10	nd141 (n,d)	)pr140	104	57	12/01/93
11	nd141 (n,t)	)pr139	105	54	12/01/93
12	nd141 (n,h)	)ce139	106	41	12/01/93
13	nd141 (n,a)	)ce138	107	83	12/01/93
14	nd141 (n,2p)	)ce140	111	41	12/01/93
15	nd141 (n,n*)	)nd141m	304	55	12/01/93
16	nd141 (n,3n*)	)nd139m	317	9	12/01/93
17	nd141 (n,na*)	)ce137m	322	79	12/01/93
18	nd141 (n,nt*)	)pr138m	333	11	12/01/93
19	nd141 (n,h*)	)ce139m	406	41	12/01/93

1	nd142 (n,2n)	)nd141	16	27	12/01/93
2	nd142 (n,3n)	)nd140	17	13	12/01/93
3	nd142 (n,na)	)ce138	22	75	12/01/93
4	nd142 (n,np)	)pr141	28	43	12/01/93
5	nd142 (n,nd)	)pr140	32	15	12/01/93
6	nd142 (n,nt)	)pr139	33	11	12/01/93
7	nd142 (n,g)	)nd143	102	5351	12/01/93
8	nd142 (n,p)	)pr142	103	75	12/01/93
9	nd142 (n,d)	)pr141	104	54	12/01/93
10	nd142 (n,t)	)pr140	105	48	12/01/93
11	nd142 (n,h)	)ce140	106	39	12/01/93
12	nd142 (n,a)	)ce139	107	80	12/01/93
13	nd142 (n,2p)	)ce141	111	29	12/01/93
14	nd142 (n,2n*)	)nd141m	316	20	12/01/93
15	nd142 (n,p*)	)pr142m	403	75	12/01/93
16	nd142 (n,a*)	)ce139m	407	80	12/01/93

#	target	product	mt	# engeries	date
1	nd143 (n,2n)	)nd142	16	27	12/01/93
2	nd143 (n,3n)	)nd141	17	16	12/01/93
3	nd143 (n,na)	)ce139	22	84	12/01/93
4	nd143 (n,np)	)pr142	28	36	12/01/93
5	nd143 (n,nd)	)pr141	32	32	12/01/93
6	nd143 (n,nt)	)pr140	33	15	12/01/93
7	nd143 (n,nh)	)ce140	34	7	12/01/93
8	nd143 (n,g)	)nd144	102	1282	12/01/93
9	nd143 (n,p)	)pr143	103	88	12/01/93
10	nd143 (n,d)	)pr142	104	56	12/01/93
11	nd143 (n,t)	)pr141	105	59	12/01/93
12	nd143 (n,h)	)ce141	106	35	12/01/93
13	nd143 (n,a)	)ce140	107	82	12/01/93
14	nd143 (n,2p)	)ce142	111	34	12/01/93
15	nd143 (n,3n*)	)nd141m	317	14	12/01/93
16	nd143 (n,na*)	)ce139m	322	84	12/01/93
17	nd143 (n,np*)	)pr142m	328	36	12/01/93
18	nd143 (n,d*)	)pr142m	404	56	12/01/93

1	nd144 (n,2n)	)nd143	16	39	12/01/93
2	nd144 (n,3n)	)nd142	17	21	12/01/93
3	nd144 (n,na)	)ce140	22	81	12/01/93
4	nd144 (n,np)	)pr143	28	38	12/01/93
5	nd144 (n,nd)	)pr142	32	24	12/01/93
6	nd144 (n,nt)	)pr141	33	27	12/01/93
7	nd144 (n,g)	)nd145	102	7664	12/01/93
8	nd144 (n,p)	)pr144	103	70	12/01/93
9	nd144 (n,d)	)pr143	104	54	12/01/93
10	nd144 (n,t)	)pr142	105	52	12/01/93
11	nd144 (n,h)	)ce142	106	33	12/01/93
12	nd144 (n,a)	)ce141	107	89	12/01/93
13	nd144 (n,2p)	)ce143	111	27	12/01/93
14	nd144 (n,nd*)	)pr142m	332	24	12/01/93
15	nd144 (n,p*)	)pr144m	403	70	12/01/93
16	nd144 (n,t*)	)pr142m	405	52	12/01/93

#	target	product	mt	# engeries	date
1	nd145 (n,2n)	)nd144	16	40	12/01/93
2	nd145 (n,3n)	)nd143	17	24	12/01/93
3	nd145 (n,na)	)ce141	22	86	12/01/93
4	nd145 (n,np)	)pr144	28	36	12/01/93
5	nd145 (n,nd)	)pr143	32	31	12/01/93
6	nd145 (n,nt)	)pr142	33	28	12/01/93
7	nd145 (n,g)	)nd146	102	1282	12/01/93
8	nd145 (n,p)	)pr145	103	75	12/01/93
9	nd145 (n,d)	)pr144	104	54	12/01/93
10	nd145 (n,t)	)pr143	105	55	12/01/93
11	nd145 (n,h)	)ce143	106	29	12/01/93
12	nd145 (n,a)	)ce142	107	85	12/01/93
13	nd145 (n,2p)	)ce144	111	29	12/01/93
14	nd145 (n,np*)	)pr144m	328	36	12/01/93
15	nd145 (n,nt*)	)pr142m	333	28	12/01/93
16	nd145 (n,d*)	)pr144m	404	54	12/01/93

1	nd146 (n,2n)	)nd145	16	39	12/01/93
2	nd146 (n,3n)	)nd144	17	26	12/01/93
3	nd146 (n,na)	)ce142	22	77	12/01/93
4	nd146 (n,np)	)pr145	28	38	12/01/93
5	nd146 (n,nd)	)pr144	32	25	12/01/93
6	nd146 (n,nt)	)pr143	33	27	12/01/93
7	nd146 (n,g)	)nd147	102	1282	12/01/93
8	nd146 (n,p)	)pr146	103	65	12/01/93
9	nd146 (n,d)	)pr145	104	53	12/01/93
10	nd146 (n,t)	)pr144	105	50	12/01/93
11	nd146 (n,h)	)ce144	106	27	12/01/93
12	nd146 (n,a)	)ce143	107	81	12/01/93
13	nd146 (n,2p)	)ce145	111	21	12/01/93
14	nd146 (n,nd*)	)pr144m	332	25	12/01/93
15	nd146 (n,t*)	)pr144m	405	50	12/01/93

#	target	product	mt	# engeries	date
1	nd147 (n,2n)	)nd146	16	45	12/01/93
2	nd147 (n,3n)	)nd145	17	26	12/01/93
3	nd147 (n,na)	)ce143	22	86	12/01/93
4	nd147 (n,np)	)pr146	28	36	12/01/93
5	nd147 (n,nd)	)pr145	32	32	12/01/93
6	nd147 (n,nt)	)pr144	33	30	12/01/93
7	nd147 (n,g)	)nd148	102	1804	12/01/93
8	nd147 (n,p)	)pr147	103	74	12/01/93
9	nd147 (n,d)	)pr146	104	52	12/01/93
10	nd147 (n,t)	)pr145	105	55	12/01/93
11	nd147 (n,h)	)ce145	106	25	12/01/93
12	nd147 (n,a)	)ce144	107	83	12/01/93
13	nd147 (n,2p)	)ce146	111	25	12/01/93
14	nd147 (n,nt*)	)pr144m	333	30	12/01/93

#	target	product	mt	# engeries	date
1	nd148 (n,2n)	)nd147	16	44	12/01/93
2	nd148 (n,3n)	)nd146	17	26	12/01/93
3	nd148 (n,na)	)ce144	22	70	12/01/93
4	nd148 (n,np)	)pr147	28	38	12/01/93
5	nd148 (n,nd)	)pr146	32	24	12/01/93
6	nd148 (n,nt)	)pr145	33	29	12/01/93
7	nd148 (n,g)	)nd149	102	1282	12/01/93
8	nd148 (n,p)	)pr148	103	60	12/01/93
9	nd148 (n,d)	)pr147	104	50	12/01/93
10	nd148 (n,t)	)pr146	105	51	12/01/93
11	nd148 (n,h)	)ce146	106	21	12/01/93
12	nd148 (n,a)	)ce145	107	74	12/01/93
13	nd148 (n,2p)	)ce147	111	15	12/01/93
14	nd148 (n,p*)	)pr148m	403	60	12/01/93

1	nd149 (n,2n)	)nd148	16	43	12/01/93
2	nd149 (n,3n)	)nd147	17	28	12/01/93
3	nd149 (n,na)	)ce145	22	80	12/01/93
4	nd149 (n,np)	)pr148	28	35	12/01/93
5	nd149 (n,nd)	)pr147	32	30	12/01/93
6	nd149 (n,nt)	)pr146	33	29	12/01/93
7	nd149 (n,g)	)nd150	102	394	12/01/93
8	nd149 (n,p)	)pr149	103	70	12/01/93
9	nd149 (n,d)	)pr148	104	50	12/01/93
10	nd149 (n,t)	)pr147	105	55	12/01/93
11	nd149 (n,h)	)ce147	106	19	12/01/93
12	nd149 (n,a)	)ce146	107	79	12/01/93
13	nd149 (n,2p)	)ce148	111	21	12/01/93
14	nd149 (n,np*)	)pr148m	328	35	12/01/93
15	nd149 (n,d*)	)pr148m	404	48	12/01/93

1	nd150 (n,2n)	)nd149	16	31	12/01/93
2	nd150 (n,3n)	)nd148	17	22	12/01/93
3	nd150 (n,na)	)ce146	22	68	12/01/93
4	nd150 (n,np)	)pr149	28	36	12/01/93
5	nd150 (n,nd)	)pr148	32	21	12/01/93
6	nd150 (n,nt)	)pr147	33	26	12/01/93
7	nd150 (n,g)	)nd151	102	1282	12/01/93
8	nd150 (n,p)	)pr150	103	60	12/01/93
9	nd150 (n,d)	)pr149	104	51	12/01/93
10	nd150 (n,t)	)pr148	105	47	12/01/93
11	nd150 (n,h)	)ce148	106	17	12/01/93
12	nd150 (n,a)	)ce147	107	64	12/01/93
13	nd150 (n,2p)	)ce149	111	11	12/01/93
14	nd150 (n,nd*)	)pr148m	332	21	12/01/93
15	nd150 (n,t*)	)pr148m	405	47	12/01/93

#	target	product	mt	# engeries	date
1	pm143 (n,2n)	)pm142	16	22	12/01/93
2	pm143 (n,3n)	)pm141	17	9	12/01/93
3	pm143 (n,na)	)pr139	22	79	12/01/93
4	pm143 (n,np)	)nd142	28	53	12/01/93
5	pm143 (n,nd)	)nd141	32	21	12/01/93
6	pm143 (n,nt)	)nd140	33	17	12/01/93
7	pm143 (n,g)	)pm144	102	395	12/01/93
8	pm143 (n,p)	)nd143	103	79	12/01/93

#	target	product	mt	# engseries	date
9	pm143 (n,d)	)nd142	104	70	12/01/93
10	pm143 (n,t)	)nd141	105	55	12/01/93
11	pm143 (n,h)	)pr141	106	41	12/01/93
12	pm143 (n,a)	)pr140	107	86	12/01/93
13	pm143 (n,2p)	)pr142	111	35	12/01/93
14	pm143 (n,nd*)	)nd141m	332	17	12/01/93
15	pm143 (n,t*)	)nd141m	405	52	12/01/93
16	pm143 (n,2p*)	)pr142m	411	35	12/01/93

1	pm144 (n,2n)	)pm143	16	25	12/01/93
2	pm144 (n,3n)	)pm142	17	16	12/01/93
3	pm144 (n,na)	)pr140	22	82	12/01/93
4	pm144 (n,np)	)nd143	28	45	12/01/93
5	pm144 (n,nd)	)nd142	32	37	12/01/93
6	pm144 (n,nt)	)nd141	33	30	12/01/93
7	pm144 (n,nh)	)pr141	34	7	12/01/93
8	pm144 (n,g)	)pm145	102	399	12/01/93
9	pm144 (n,p)	)nd144	103	82	12/01/93
10	pm144 (n,d)	)nd143	104	72	12/01/93
11	pm144 (n,t)	)nd142	105	71	12/01/93
12	pm144 (n,h)	)pr142	106	39	12/01/93
13	pm144 (n,a)	)pr141	107	83	12/01/93
14	pm144 (n,2p)	)pr143	111	38	12/01/93
15	pm144 (n,nt*)	)nd141m	333	26	12/01/93
16	pm144 (n,h*)	)pr142m	406	39	12/01/93

1	pm145 (n,2n)	)pm144	16	40	12/01/93
2	pm145 (n,3n)	)pm143	17	20	12/01/93
3	pm145 (n,na)	)pr141	22	79	12/01/93
4	pm145 (n,np)	)nd144	28	48	12/01/93
5	pm145 (n,nd)	)nd143	32	32	12/01/93
6	pm145 (n,nt)	)nd142	33	40	12/01/93
7	pm145 (n,g)	)pm146	102	406	12/01/93
8	pm145 (n,p)	)nd145	103	88	12/01/93
9	pm145 (n,d)	)nd144	104	70	12/01/93
10	pm145 (n,t)	)nd143	105	61	12/01/93
11	pm145 (n,h)	)pr143	106	35	12/01/93
12	pm145 (n,a)	)pr142	107	87	12/01/93
13	pm145 (n,2p)	)pr144	111	32	12/01/93
14	pm145 (n,a*)	)pr142m	407	87	12/01/93
15	pm145 (n,2p*)	)pr144m	411	32	12/01/93

#	target	product	mt	# engseries	date
1	pm146 (n,2n)	)pm145	16	37	12/01/93
2	pm146 (n,3n)	)pm144	17	22	12/01/93
3	pm146 (n,na)	)pr142	22	86	12/01/93
4	pm146 (n,np)	)nd145	28	43	12/01/93
5	pm146 (n,nd)	)nd144	32	39	12/01/93
6	pm146 (n,nt)	)nd143	33	40	12/01/93
7	pm146 (n,g)	)pm147	102	403	12/01/93
8	pm146 (n,p)	)nd146	103	85	12/01/93
9	pm146 (n,d)	)nd145	104	65	12/01/93
10	pm146 (n,t)	)nd144	105	69	12/01/93
11	pm146 (n,h)	)pr144	106	33	12/01/93
12	pm146 (n,a)	)pr143	107	83	12/01/93
13	pm146 (n,2p)	)pr145	111	35	12/01/93
14	pm146 (n,na*)	)pr142m	322	86	12/01/93
15	pm146 (n,h*)	)pr144m	406	33	12/01/93

1	pm147 (n,2n)	)pm146	16	35	12/01/93
2	pm147 (n,3n)	)pm145	17	20	12/01/93
3	pm147 (n,na)	)pr143	22	83	12/01/93
4	pm147 (n,np)	)nd146	28	47	12/01/93
5	pm147 (n,nd)	)nd145	32	30	12/01/93
6	pm147 (n,nt)	)nd144	33	40	12/01/93
7	pm147 (n,g)	)pm148	102	7057	12/01/93
8	pm147 (n,p)	)nd147	103	90	12/01/93

#	target	product	mt	# engseries	date
9	pm147 (n,d	)nd146	104	65	12/01/93
10	pm147 (n,t	)nd145	105	57	12/01/93
11	pm147 (n,h	)pr145	106	31	12/01/93
12	pm147 (n,a	)pr144	107	81	12/01/93
13	pm147 (n,2p	)pr146	111	28	12/01/93
14	pm147 (n,g*	)pm148m	402	7058	12/01/93
15	pm147 (n,a*	)pr144m	407	81	12/01/93

1	pm148 (n,n	)pm148	4	1	12/01/93
2	pm148 (n,2n	)pm147	16	44	12/01/93
3	pm148 (n,3n	)pm146	17	24	12/01/93
4	pm148 (n,na	)pr144	22	87	12/01/93
5	pm148 (n,np	)nd147	28	42	12/01/93
6	pm148 (n,nd	)nd146	32	38	12/01/93
7	pm148 (n,nt	)nd145	33	40	12/01/93
8	pm148 (n,g	)pm149	102	582	12/01/93
9	pm148 (n,p	)nd148	103	86	12/01/93
10	pm148 (n,d	)nd147	104	61	12/01/93
11	pm148 (n,t	)nd146	105	69	12/01/93
12	pm148 (n,h	)pr146	106	27	12/01/93
13	pm148 (n,a	)pr145	107	83	12/01/93
14	pm148 (n,2p	)pr147	111	31	12/01/93
15	pm148 (n,n*	)pm148m	304	41	12/01/93
16	pm148 (n,na*	)pr144m	322	87	12/01/93

#	target	product	mt	# engseries	date
1	pm148m(n,n	)pm148	4	75	12/01/93
2	pm148m(n,2n	)pm147	16	38	12/01/93
3	pm148m(n,3n	)pm146	17	24	12/01/93
4	pm148m(n,na	)pr144	22	87	12/01/93
5	pm148m(n,np	)nd147	28	42	12/01/93
6	pm148m(n,nd	)nd146	32	38	12/01/93
7	pm148m(n,nt	)nd145	33	37	12/01/93
8	pm148m(n,g	)pm149	102	582	12/01/93
9	pm148m(n,p	)nd148	103	86	12/01/93
10	pm148m(n,d	)nd147	104	61	12/01/93
11	pm148m(n,t	)nd146	105	69	12/01/93
12	pm148m(n,h	)pr146	106	27	12/01/93
13	pm148m(n,a	)pr145	107	83	12/01/93
14	pm148m(n,2p	)pr147	111	31	12/01/93
15	pm148m(n,na*	)pr144m	322	87	12/01/93

1	pm149 (n,2n	)pm148	16	44	12/01/93
2	pm149 (n,3n	)pm147	17	25	12/01/93
3	pm149 (n,na	)pr145	22	73	12/01/93
4	pm149 (n,np	)nd148	28	46	12/01/93
5	pm149 (n,nd	)nd147	32	30	12/01/93
6	pm149 (n,nt	)nd146	33	41	12/01/93
7	pm149 (n,g	)pm150	102	466	12/01/93
8	pm149 (n,p	)nd149	103	85	12/01/93
9	pm149 (n,d	)nd148	104	63	12/01/93
10	pm149 (n,t	)nd147	105	59	12/01/93
11	pm149 (n,h	)pr147	106	25	12/01/93
12	pm149 (n,a	)pr146	107	74	12/01/93
13	pm149 (n,2p	)pr148	111	23	12/01/93
14	pm149 (n,2n*	)pm148m	316	44	12/01/93
15	pm149 (n,2p*	)pr148m	411	23	12/01/93

1	pm150 (n,2n	)pm149	16	41	12/01/93
2	pm150 (n,3n	)pm148	17	27	12/01/93
3	pm150 (n,na	)pr146	22	79	12/01/93
4	pm150 (n,np	)nd149	28	39	12/01/93
5	pm150 (n,nd	)nd148	32	39	12/01/93
6	pm150 (n,nt	)nd147	33	40	12/01/93
7	pm150 (n,g	)pm151	102	403	12/01/93
8	pm150 (n,p	)nd150	103	86	12/01/93
9	pm150 (n,d	)nd149	104	61	12/01/93
10	pm150 (n,t	)nd148	105	65	12/01/93
11	pm150 (n,h	)pr148	106	23	12/01/93
12	pm150 (n,a	)pr147	107	78	12/01/93
13	pm150 (n,2p	)pr149	111	28	12/01/93
14	pm150 (n,3n*	)pm148m	317	22	12/01/93
15	pm150 (n,h*	)pr148m	406	23	12/01/93

#	target	product	mt	# engeries	date
1	pm151 (n,2n)	)pm150	16	45	12/01/93
2	pm151 (n,3n)	)pm149	17	21	12/01/93
3	pm151 (n,na)	)pr147	22	67	12/01/93
4	pm151 (n,np)	)nd150	28	41	12/01/93
5	pm151 (n,nd)	)nd149	32	27	12/01/93
6	pm151 (n,nt)	)nd148	33	37	12/01/93
7	pm151 (n,g)	)pm152	102	563	12/01/93
8	pm151 (n,p)	)nd151	103	75	12/01/93
9	pm151 (n,d)	)nd150	104	58	12/01/93
10	pm151 (n,t)	)nd149	105	55	12/01/93
11	pm151 (n,h)	)pr149	106	19	12/01/93
12	pm151 (n,a)	)pr148	107	66	12/01/93
13	pm151 (n,2p)	)pr150	111	19	12/01/93
14	pm151 (n,g*)	)pm152m	402	577	12/01/93
15	pm151 (n,a*)	)pr148m	407	66	12/01/93
16	pm151 (n,g**)	)pm152n	702	576	12/01/93

1	sm144 (n,2n)	)sm143	16	19	12/01/93
2	sm144 (n,3n)	)sm142	17	7	12/01/93
3	sm144 (n,na)	)nd140	22	83	12/01/93
4	sm144 (n,np)	)pm143	28	45	12/01/93
5	sm144 (n,nd)	)pm142	32	15	12/01/93
6	sm144 (n,nt)	)pm141	33	10	12/01/93
7	sm144 (n,g)	)sm145	102	458	12/01/93
8	sm144 (n,p)	)pm144	103	87	12/01/93
9	sm144 (n,d)	)pm143	104	61	12/01/93
10	sm144 (n,t)	)pm142	105	50	12/01/93
11	sm144 (n,h)	)nd142	106	45	12/01/93
12	sm144 (n,a)	)nd141	107	84	12/01/93
13	sm144 (n,2p)	)nd143	111	35	12/01/93
14	sm144 (n,2n*)	)sm143m	316	18	12/01/93
15	sm144 (n,a*)	)nd141m	407	84	12/01/93

1	sm145 (n,2n)	)sm144	16	28	12/01/93
2	sm145 (n,3n)	)sm143	17	16	12/01/93
3	sm145 (n,na)	)nd141	22	82	12/01/93
4	sm145 (n,np)	)pm144	28	39	12/01/93
5	sm145 (n,nd)	)pm143	32	33	12/01/93
6	sm145 (n,nt)	)pm142	33	14	12/01/93
7	sm145 (n,nh)	)nd142	34	9	12/01/93
8	sm145 (n,g)	)sm146	102	391	12/01/93
9	sm145 (n,p)	)pm145	103	86	12/01/93
10	sm145 (n,d)	)pm144	104	62	12/01/93
11	sm145 (n,t)	)pm143	105	58	12/01/93
12	sm145 (n,h)	)nd143	106	41	12/01/93
13	sm145 (n,a)	)nd142	107	81	12/01/93
14	sm145 (n,2p)	)nd144	111	36	12/01/93
15	sm145 (n,3n*)	)sm143m	317	10	12/01/93
16	sm145 (n,na*)	)nd141m	322	82	12/01/93

#	target	product	mt	# engeries	date
1	sm146 (n,2n)	)sm145	16	34	12/01/93
2	sm146 (n,3n)	)sm144	17	20	12/01/93
3	sm146 (n,na)	)nd142	22	80	12/01/93
4	sm146 (n,np)	)pm145	28	41	12/01/93
5	sm146 (n,nd)	)pm144	32	26	12/01/93
6	sm146 (n,nt)	)pm143	33	25	12/01/93
7	sm146 (n,g)	)sm147	102	374	12/01/93
8	sm146 (n,p)	)pm146	103	81	12/01/93
9	sm146 (n,d)	)pm145	104	59	12/01/93
10	sm146 (n,t)	)pm144	105	54	12/01/93
11	sm146 (n,h)	)nd144	106	39	12/01/93
12	sm146 (n,a)	)nd143	107	85	12/01/93
13	sm146 (n,2p)	)nd145	111	31	12/01/93

1	sm147 (n,2n)	)sm146	16	37	12/01/93
2	sm147 (n,3n)	)sm145	17	22	12/01/93
3	sm147 (n,na)	)nd143	22	85	12/01/93
4	sm147 (n,np)	)pm146	28	39	12/01/93
5	sm147 (n,nd)	)pm145	32	33	12/01/93
6	sm147 (n,nt)	)pm144	33	27	12/01/93
7	sm147 (n,nh)	)nd144	34	7	12/01/93
8	sm147 (n,g)	)sm148	102	8651	12/01/93

#	target	product	mt	# engeries	date
9	sm147 (n,p)	)pm147	103	88	12/01/93
10	sm147 (n,d)	)pm146	104	59	12/01/93
11	sm147 (n,t)	)pm145	105	59	12/01/93
12	sm147 (n,h)	)nd145	106	37	12/01/93
13	sm147 (n,a)	)nd144	107	81	12/01/93
14	sm147 (n,2p)	)nd146	111	35	12/01/93
1	sm148 (n,2n)	)sm147	16	34	12/01/93
2	sm148 (n,3n)	)sm146	17	19	12/01/93
3	sm148 (n,na)	)nd144	22	82	12/01/93
4	sm148 (n,np)	)pm147	28	41	12/01/93
5	sm148 (n,nd)	)pm146	32	24	12/01/93
6	sm148 (n,nt)	)pm145	33	25	12/01/93
7	sm148 (n,g)	)sm149	102	451	12/01/93
8	sm148 (n,p)	)pm148	103	75	12/01/93
9	sm148 (n,d)	)pm147	104	57	12/01/93
10	sm148 (n,t)	)pm146	105	53	12/01/93
11	sm148 (n,h)	)nd146	106	33	12/01/93
12	sm148 (n,a)	)nd145	107	86	12/01/93
13	sm148 (n,2p)	)nd147	111	27	12/01/93
14	sm148 (n,p*)	)pm148m	403	75	12/01/93

#	target	product	mt	# engeries	date
1	sm149 (n,2n)	)sm148	16	41	12/01/93
2	sm149 (n,3n)	)sm147	17	21	12/01/93
3	sm149 (n,na)	)nd145	22	87	12/01/93
4	sm149 (n,np)	)pm148	28	39	12/01/93
5	sm149 (n,nd)	)pm147	32	33	12/01/93
6	sm149 (n,nt)	)pm146	33	29	12/01/93
7	sm149 (n,g)	)sm150	102	7346	12/01/93
8	sm149 (n,p)	)pm149	103	89	12/01/93
9	sm149 (n,d)	)pm148	104	55	12/01/93
10	sm149 (n,t)	)pm147	105	56	12/01/93
11	sm149 (n,h)	)nd147	106	31	12/01/93
12	sm149 (n,a)	)nd146	107	80	12/01/93
13	sm149 (n,2p)	)nd148	111	30	12/01/93
14	sm149 (n,np*)	)pm148m	328	39	12/01/93
15	sm149 (n,d*)	)pm148m	404	53	12/01/93

1	sm150 (n,2n)	)sm149	16	36	12/01/93
2	sm150 (n,3n)	)sm148	17	25	12/01/93
3	sm150 (n,na)	)nd146	22	79	12/01/93
4	sm150 (n,np)	)pm149	28	41	12/01/93
5	sm150 (n,nd)	)pm148	32	25	12/01/93
6	sm150 (n,nt)	)pm147	33	27	12/01/93
7	sm150 (n,g)	)sm151	102	3663	12/01/93
8	sm150 (n,p)	)pm150	103	68	12/01/93
9	sm150 (n,d)	)pm149	104	53	12/01/93
10	sm150 (n,t)	)pm148	105	51	12/01/93
11	sm150 (n,h)	)nd148	106	29	12/01/93
12	sm150 (n,a)	)nd147	107	81	12/01/93
13	sm150 (n,2p)	)nd149	111	23	12/01/93
14	sm150 (n,nd*)	)pm148m	332	24	12/01/93
15	sm150 (n,t*)	)pm148m	405	51	12/01/93

1	sm151 (n,2n)	)sm150	16	38	12/01/93
2	sm151 (n,3n)	)sm149	17	24	12/01/93
3	sm151 (n,na)	)nd147	22	86	12/01/93
4	sm151 (n,np)	)pm150	28	37	12/01/93
5	sm151 (n,nd)	)pm149	32	32	12/01/93
6	sm151 (n,nt)	)pm148	33	29	12/01/93
7	sm151 (n,g)	)sm152	102	1282	12/01/93
8	sm151 (n,p)	)pm151	103	89	12/01/93
9	sm151 (n,d)	)pm150	104	52	12/01/93
10	sm151 (n,t)	)pm149	105	57	12/01/93
11	sm151 (n,h)	)nd149	106	25	12/01/93
12	sm151 (n,a)	)nd148	107	83	12/01/93
13	sm151 (n,2p)	)nd150	111	29	12/01/93
14	sm151 (n,nt*)	)pm148m	333	29	12/01/93

#	target	product	mt	# engeries	date
1	sm152 (n,2n)	)sm151	16	44	12/01/93
2	sm152 (n,3n)	)sm150	17	25	12/01/93
3	sm152 (n,na)	)nd148	22	70	12/01/93
4	sm152 (n,np)	)pm151	28	39	12/01/93
5	sm152 (n,nd)	)pm150	32	20	12/01/93
6	sm152 (n,nt)	)pm149	33	24	12/01/93
7	sm152 (n,g)	)sm153	102	1282	12/01/93
8	sm152 (n,p)	)pm152	103	69	12/01/93
9	sm152 (n,d)	)pm151	104	55	12/01/93
10	sm152 (n,t)	)pm150	105	48	12/01/93
11	sm152 (n,h)	)nd150	106	23	12/01/93
12	sm152 (n,a)	)nd149	107	65	12/01/93
13	sm152 (n,2p)	)nd151	111	19	12/01/93
14	sm152 (n,p*)	)pm152m	403	69	12/01/93
15	sm152 (n,p**)	)pm152n	703	69	12/01/93

1	sm153 (n,2n)	)sm152	16	41	12/01/93
2	sm153 (n,3n)	)sm151	17	23	12/01/93
3	sm153 (n,na)	)nd149	22	77	12/01/93
4	sm153 (n,np)	)pm152	28	36	12/01/93
5	sm153 (n,nd)	)pm151	32	30	12/01/93
6	sm153 (n,nt)	)pm150	33	21	12/01/93
7	sm153 (n,g)	)sm154	102	662	12/01/93
8	sm153 (n,p)	)pm153	103	77	12/01/93
9	sm153 (n,d)	)pm152	104	54	12/01/93
10	sm153 (n,t)	)pm151	105	54	12/01/93
11	sm153 (n,h)	)nd151	106	19	12/01/93
12	sm153 (n,a)	)nd150	107	78	12/01/93
13	sm153 (n,2p)	)nd152	111	25	12/01/93
14	sm153 (n,np*)	)pm152m	328	36	12/01/93
15	sm153 (n,d*)	)pm152m	404	54	12/01/93
16	sm153 (n,np**)	)pm152n	628	36	12/01/93
17	sm153 (n,d**)	)pm152n	704	54	12/01/93

#	target	product	mt	# engeries	date
1	sm154 (n,2n)	)sm153	16	36	12/01/93
2	sm154 (n,3n)	)sm152	17	25	12/01/93
3	sm154 (n,na)	)nd150	22	65	12/01/93
4	sm154 (n,np)	)pm153	28	38	12/01/93
5	sm154 (n,nd)	)pm152	32	21	12/01/93
6	sm154 (n,nt)	)pm151	33	21	12/01/93
7	sm154 (n,g)	)sm155	102	5064	12/01/93
8	sm154 (n,p)	)pm154	103	65	12/01/93
9	sm154 (n,d)	)pm153	104	53	12/01/93
10	sm154 (n,t)	)pm152	105	48	12/01/93
11	sm154 (n,h)	)nd152	106	17	12/01/93
12	sm154 (n,a)	)nd151	107	61	12/01/93
13	sm154 (n,2p)	)nd153	111	15	12/01/93
14	sm154 (n,nd*)	)pm152m	332	21	12/01/93
15	sm154 (n,p*)	)pm154m	403	65	12/01/93
16	sm154 (n,t*)	)pm152m	405	48	12/01/93
17	sm154 (n,nd**)	)pm152n	632	19	12/01/93
18	sm154 (n,t**)	)pm152n	705	48	12/01/93

Appendix A-7

List of Reactions on files *.eu.lu

#	target	product	mt	# engeries	date
1	eu145 (n,2n)	)eu144	16	25	12/01/93
2	eu145 (n,3n)	)eu143	17	2	12/01/93
3	eu145 (n,na)	)pm141	22	83	12/01/93
4	eu145 (n,np)	)sm144	28	52	12/01/93
5	eu145 (n,nd)	)sm143	32	19	12/01/93
6	eu145 (n,nt)	)sm142	33	16	12/01/93
7	eu145 (n,g)	)eu146	102	398	12/01/93
8	eu145 (n,p)	)sm145	103	77	12/01/93
9	eu145 (n,d)	)sm144	104	77	12/01/93
10	eu145 (n,t)	)sm143	105	58	12/01/93
11	eu145 (n,h)	)pm143	106	47	12/01/93
12	eu145 (n,a)	)pm142	107	82	12/01/93
13	eu145 (n,2p)	)pm144	111	41	12/01/93
14	eu145 (n,nd*)	)sm143m	332	18	12/01/93
15	eu145 (n,t*)	)sm143m	405	53	12/01/93
1	eu146 (n,2n)	)eu145	16	27	12/01/93
2	eu146 (n,3n)	)eu144	17	13	12/01/93
3	eu146 (n,na)	)pm142	22	82	12/01/93
4	eu146 (n,np)	)sm145	28	48	12/01/93
5	eu146 (n,nd)	)sm144	32	39	12/01/93
6	eu146 (n,nt)	)sm143	33	26	12/01/93
7	eu146 (n,nh)	)pm143	34	11	12/01/93
8	eu146 (n,g)	)eu147	102	397	12/01/93
9	eu146 (n,p)	)sm146	103	79	12/01/93
10	eu146 (n,d)	)sm145	104	75	12/01/93
11	eu146 (n,t)	)sm144	105	72	12/01/93
12	eu146 (n,h)	)pm144	106	45	12/01/93
13	eu146 (n,a)	)pm143	107	81	12/01/93
14	eu146 (n,2p)	)pm145	111	43	12/01/93
15	eu146 (n,nt*)	)sm143m	333	25	12/01/93
1	eu147 (n,2n)	)eu146	16	26	12/01/93
2	eu147 (n,3n)	)eu145	17	20	12/01/93
3	eu147 (n,na)	)pm143	22	86	12/01/93
4	eu147 (n,np)	)sm146	28	51	12/01/93
5	eu147 (n,nd)	)sm145	32	32	12/01/93
6	eu147 (n,nt)	)sm144	33	38	12/01/93
7	eu147 (n,g)	)eu148	102	402	12/01/93
8	eu147 (n,p)	)sm147	103	84	12/01/93
9	eu147 (n,d)	)sm146	104	75	12/01/93
10	eu147 (n,t)	)sm145	105	63	12/01/93
11	eu147 (n,h)	)pm145	106	41	12/01/93
12	eu147 (n,a)	)pm144	107	84	12/01/93
13	eu147 (n,2p)	)pm146	111	38	12/01/93
#	target	product	mt	# engeries	date
1	eu148 (n,2n)	)eu147	16	32	12/01/93
2	eu148 (n,3n)	)eu146	17	21	12/01/93
3	eu148 (n,na)	)pm144	22	83	12/01/93
4	eu148 (n,np)	)sm147	28	48	12/01/93
5	eu148 (n,nd)	)sm146	32	41	12/01/93
6	eu148 (n,nt)	)sm145	33	38	12/01/93
7	eu148 (n,nh)	)pm145	34	7	12/01/93
8	eu148 (n,g)	)eu149	102	398	12/01/93
9	eu148 (n,p)	)sm148	103	80	12/01/93
10	eu148 (n,d)	)sm147	104	71	12/01/93
11	eu148 (n,t)	)sm146	105	72	12/01/93
12	eu148 (n,h)	)pm146	106	39	12/01/93
13	eu148 (n,a)	)pm145	107	81	12/01/93
14	eu148 (n,2p)	)pm147	111	41	12/01/93
1	eu149 (n,2n)	)eu148	16	35	12/01/93
2	eu149 (n,3n)	)eu147	17	18	12/01/93
3	eu149 (n,na)	)pm145	22	88	12/01/93
4	eu149 (n,np)	)sm148	28	51	12/01/93
5	eu149 (n,nd)	)sm147	32	33	12/01/93
6	eu149 (n,nt)	)sm146	33	40	12/01/93
7	eu149 (n,g)	)eu150	102	403	12/01/93

#	target	product	mt	# enseries	date
8	eu149 (n,p)	)sm149	103	87	12/01/93
9	eu149 (n,d)	)sm148	104	73	12/01/93
10	eu149 (n,t)	)sm147	105	62	12/01/93
11	eu149 (n,h)	)pm147	106	37	12/01/93
12	eu149 (n,a)	)pm146	107	84	12/01/93
13	eu149 (n,2p)	)pm148	111	34	12/01/93
14	eu149 (n,g*)	)eu150m	402	397	12/01/93
15	eu149 (n,2p*)	)pm148m	411	34	12/01/93
1	eu150 (n,n)	)eu150	4	1	12/01/93
2	eu150 (n,2n)	)eu149	16	38	12/01/93
3	eu150 (n,3n)	)eu148	17	22	12/01/93
4	eu150 (n,na)	)pm146	22	87	12/01/93
5	eu150 (n,np)	)sm149	28	46	12/01/93
6	eu150 (n,nd)	)sm148	32	40	12/01/93
7	eu150 (n,nt)	)sm147	33	38	12/01/93
8	eu150 (n,nh)	)pm147	34	4	12/01/93
9	eu150 (n,g)	)eu151	102	401	12/01/93
10	eu150 (n,p)	)sm150	103	83	12/01/93
11	eu150 (n,d)	)sm149	104	68	12/01/93
12	eu150 (n,t)	)sm148	105	72	12/01/93
13	eu150 (n,h)	)pm148	106	35	12/01/93
14	eu150 (n,a)	)pm147	107	79	12/01/93
15	eu150 (n,2p)	)pm149	111	37	12/01/93
16	eu150 (n,h*)	)eu150m	304	42	12/01/93
17	eu150 (n,h*)	)pm148m	406	35	12/01/93

#	target	product	mt	# enseries	date
1	eu150m(n,n)	)eu150	4	42	12/01/93
2	eu150m(n,2n)	)eu149	16	38	12/01/93
3	eu150m(n,3n)	)eu148	17	22	12/01/93
4	eu150m(n,na)	)pm146	22	87	12/01/93
5	eu150m(n,np)	)sm149	28	46	12/01/93
6	eu150m(n,nd)	)sm148	32	40	12/01/93
7	eu150m(n,nt)	)sm147	33	38	12/01/93
8	eu150m(n,nh)	)pm147	34	4	12/01/93
9	eu150m(n,g)	)eu151	102	401	12/01/93
10	eu150m(n,p)	)sm150	103	83	12/01/93
11	eu150m(n,d)	)sm149	104	68	12/01/93
12	eu150m(n,t)	)sm148	105	72	12/01/93
13	eu150m(n,h)	)pm148	106	35	12/01/93
14	eu150m(n,a)	)pm147	107	79	12/01/93
15	eu150m(n,2p)	)pm149	111	37	12/01/93
16	eu150m(n,h*)	)pm148m	406	35	12/01/93
1	eu151 (n,2n)	)eu150	16	28	12/01/93
2	eu151 (n,3n)	)eu149	17	24	12/01/93
3	eu151 (n,na)	)pm147	22	82	12/01/93
4	eu151 (n,np)	)sm150	28	49	12/01/93
5	eu151 (n,nd)	)sm149	32	31	12/01/93
6	eu151 (n,nt)	)sm148	33	40	12/01/93
7	eu151 (n,g)	)eu152	102	4580	12/01/93
8	eu151 (n,p)	)sm151	103	89	12/01/93
9	eu151 (n,d)	)sm150	104	69	12/01/93
10	eu151 (n,t)	)sm149	105	62	12/01/93
11	eu151 (n,h)	)pm149	106	31	12/01/93
12	eu151 (n,a)	)pm148	107	79	12/01/93
13	eu151 (n,2p)	)pm150	111	29	12/01/93
14	eu151 (n,2n*)	)eu150m	316	28	12/01/93
15	eu151 (n,g*)	)eu152m	402	4580	12/01/93
16	eu151 (n,a*)	)pm148m	407	79	12/01/93
17	eu151 (n,g**)	)eu152n	702	4580	12/01/93

#	target	product	mt	# engseries	date
1	eu152 (n,n)	)eu152	4	1	12/01/93
2	eu152 (n,2n)	)eu151	16	40	12/01/93
3	eu152 (n,3n)	)eu150	17	23	12/01/93
4	eu152 (n,na)	)pm148	22	87	12/01/93
5	eu152 (n,np)	)am151	28	42	12/01/93
6	eu152 (n,nd)	)am150	32	39	12/01/93
7	eu152 (n,nt)	)am149	33	37	12/01/93
8	eu152 (n,nh)	)pm149	34	2	12/01/93
9	eu152 (n,g)	)eu153	102	5926	12/01/93
10	eu152 (n,p)	)am152	103	83	12/01/93
11	eu152 (n,d)	)am151	104	65	12/01/93
12	eu152 (n,t)	)am150	105	70	12/01/93
13	eu152 (n,h)	)pm150	106	29	12/01/93
14	eu152 (n,a)	)pm149	107	83	12/01/93
15	eu152 (n,2p)	)pm151	111	34	12/01/93
16	eu152 (n,n*)	)eu152m	304	40	12/01/93
17	eu152 (n,3n*)	)eu150m	317	23	12/01/93
18	eu152 (n,na*)	)pm148m	322	87	12/01/93
19	eu152 (n,n**)	)eu152n	604	40	12/01/93

1	eu152m(n,n)	)eu152	4	1	12/01/93
2	eu152m(n,2n)	)eu151	16	40	12/01/93
3	eu152m(n,3n)	)eu150	17	23	12/01/93
4	eu152m(n,na)	)pm148	22	87	12/01/93
5	eu152m(n,np)	)am151	28	42	12/01/93
6	eu152m(n,nd)	)am150	32	39	12/01/93
7	eu152m(n,nt)	)am149	33	37	12/01/93
8	eu152m(n,g)	)eu153	102	5926	12/01/93
9	eu152m(n,p)	)am152	103	83	12/01/93
10	eu152m(n,d)	)am151	104	65	12/01/93
11	eu152m(n,t)	)am150	105	70	12/01/93
12	eu152m(n,h)	)pm150	106	29	12/01/93
13	eu152m(n,a)	)pm149	107	83	12/01/93
14	eu152m(n,2p)	)pm151	111	34	12/01/93
15	eu152m(n,3n*)	)eu150m	317	23	12/01/93
16	eu152m(n,na*)	)pm148m	322	87	12/01/93
17	eu152m(n,n**)	)eu152n	604	40	12/01/93

#	target	product	mt	# engseries	date
1	eu153 (n,2n)	)eu152	16	33	12/01/93
2	eu153 (n,3n)	)eu151	17	23	12/01/93
3	eu153 (n,na)	)pm149	22	73	12/01/93
4	eu153 (n,np)	)am152	28	46	12/01/93
5	eu153 (n,nd)	)am151	32	27	12/01/93
6	eu153 (n,nt)	)am150	33	36	12/01/93
7	eu153 (n,g)	)eu154	102	6584	12/01/93
8	eu153 (n,p)	)am153	103	90	12/01/93
9	eu153 (n,d)	)am152	104	63	12/01/93
10	eu153 (n,t)	)am151	105	56	12/01/93
11	eu153 (n,h)	)pm151	106	25	12/01/93
12	eu153 (n,a)	)pm150	107	69	12/01/93
13	eu153 (n,2p)	)pm152	111	26	12/01/93
14	eu153 (n,2n*)	)eu152m	316	33	12/01/93
15	eu153 (n,g*)	)eu154m	402	6583	12/01/93
16	eu153 (n,2p*)	)pm152m	411	26	12/01/93
17	eu153 (n,2n**)	)eu152n	616	33	12/01/93
18	eu153 (n,2p**)	)pm152n	711	26	12/01/93

1	eu154 (n,n)	)eu154	4	1	12/01/93
2	eu154 (n,2n)	)eu153	16	39	12/01/93
3	eu154 (n,3n)	)eu152	17	18	12/01/93
4	eu154 (n,na)	)pm150	22	77	12/01/93
5	eu154 (n,np)	)am153	28	42	12/01/93
6	eu154 (n,nd)	)am152	32	37	12/01/93
7	eu154 (n,nt)	)am151	33	32	12/01/93
8	eu154 (n,g)	)eu155	102	5385	12/01/93
9	eu154 (n,p)	)am154	103	86	12/01/93
10	eu154 (n,d)	)am153	104	61	12/01/93
11	eu154 (n,t)	)am152	105	64	12/01/93
12	eu154 (n,h)	)pm152	106	23	12/01/93
13	eu154 (n,a)	)pm151	107	77	12/01/93

# target	product	mt	# engeries	date
14 eu154 (n,2p)	)pm153	111	29	12/01/93
15 eu154 (n,n*)	)eu154m	304	41	12/01/93
16 eu154 (n,3n*)	)eu152m	317	18	12/01/93
17 eu154 (n,h*)	)pm152m	406	23	12/01/93
18 eu154 (n,3n**)	)eu152n	617	18	12/01/93
19 eu154 (n,h**)	)pm152n	706	23	12/01/93

# target	product	mt	# engeries	date
1 eu155 (n,2n)	)eu154	16	35	12/01/93
2 eu155 (n,3n)	)eu153	17	21	12/01/93
3 eu155 (n,na)	)pm151	22	67	12/01/93
4 eu155 (n,np)	)am154	28	43	12/01/93
5 eu155 (n,nd)	)am153	32	27	12/01/93
6 eu155 (n,nt)	)am152	33	32	12/01/93
7 eu155 (n,g)	)eu156	102	948	12/01/93
8 eu155 (n,p)	)am155	103	83	12/01/93
9 eu155 (n,d)	)am154	104	61	12/01/93
10 eu155 (n,t)	)am153	105	54	12/01/93
11 eu155 (n,h)	)pm153	106	21	12/01/93
12 eu155 (n,a)	)pm152	107	64	12/01/93
13 eu155 (n,2p)	)pm154	111	21	12/01/93
14 eu155 (n,2n*)	)eu154m	316	35	12/01/93
15 eu155 (n,a*)	)pm152m	407	63	12/01/93
16 eu155 (n,2p*)	)pm154m	411	21	12/01/93
17 eu155 (n,a**)	)pm152n	707	64	12/01/93

1 eu156 (n,2n)	)eu155	16	39	12/01/93
2 eu156 (n,3n)	)eu154	17	19	12/01/93
3 eu156 (n,na)	)pm152	22	75	12/01/93
4 eu156 (n,np)	)am155	28	41	12/01/93
5 eu156 (n,nd)	)am154	32	34	12/01/93
6 eu156 (n,nt)	)am153	33	29	12/01/93
7 eu156 (n,g)	)eu157	102	515	12/01/93
8 eu156 (n,p)	)am156	103	88	12/01/93
9 eu156 (n,d)	)am155	104	58	12/01/93
10 eu156 (n,t)	)am154	105	59	12/01/93
11 eu156 (n,h)	)pm154	106	19	12/01/93
12 eu156 (n,a)	)pm153	107	68	12/01/93
13 eu156 (n,2p)	)pm155	111	23	12/01/93
14 eu156 (n,3n*)	)eu154m	317	19	12/01/93
15 eu156 (n,na*)	)pm152m	322	75	12/01/93
16 eu156 (n,h*)	)pm154m	406	19	12/01/93
17 eu156 (n,na**)	)pm152n	622	75	12/01/93

# target	product	mt	# engeries	date
1 eu157 (n,2n)	)eu156	16	46	12/01/93
2 eu157 (n,3n)	)eu155	17	25	12/01/93
3 eu157 (n,na)	)pm153	22	65	12/01/93
4 eu157 (n,np)	)am156	28	42	12/01/93
5 eu157 (n,nd)	)am155	32	28	12/01/93
6 eu157 (n,nt)	)am154	33	32	12/01/93
7 eu157 (n,nh)	)pm154	34	2	12/01/93
8 eu157 (n,g)	)eu158	102	412	12/01/93
9 eu157 (n,p)	)am157	103	77	12/01/93
10 eu157 (n,d)	)am156	104	57	12/01/93
11 eu157 (n,t)	)am155	105	54	12/01/93
12 eu157 (n,h)	)pm155	106	15	12/01/93
13 eu157 (n,a)	)pm154	107	62	12/01/93
14 eu157 (n,2p)	)pm156	111	13	12/01/93
15 eu157 (n,nh*)	)pm154m	334	2	12/01/93
16 eu157 (n,a*)	)pm154m	407	62	12/01/93

1 gd146 (n,2n)	)gd145	16	18	12/01/93
2 gd146 (n,na)	)am142	22	84	12/01/93
3 gd146 (n,np)	)eu145	28	46	12/01/93
4 gd146 (n,nd)	)eu144	32	17	12/01/93
5 gd146 (n,nt)	)eu143	33	10	12/01/93
6 gd146 (n,g)	)gd147	102	369	12/01/93
7 gd146 (n,p)	)eu146	103	83	12/01/93
8 gd146 (n,d)	)eu145	104	66	12/01/93
9 gd146 (n,t)	)eu144	105	52	12/01/93
10 gd146 (n,h)	)am144	106	50	12/01/93

11	gd146 (n,a	)sm143	107	82	12/01/93
12	gd146 (n,2p	)sm145	111	41	12/01/93
13	gd146 (n,2n*	)gd145m	316	17	12/01/93
14	gd146 (n,a*	)sm143m	407	82	12/01/93

1	gd147 (n,2n	)gd146	16	28	12/01/93
2	gd147 (n,3n	)gd145	17	8	12/01/93
3	gd147 (n,na	)sm143	22	78	12/01/93
4	gd147 (n,np	)eu146	28	43	12/01/93
5	gd147 (n,nd	)eu145	32	35	12/01/93
6	gd147 (n,nt	)eu144	33	14	12/01/93
7	gd147 (n,nh	)sm144	34	15	12/01/93
8	gd147 (n,g	)gd148	102	393	12/01/93
9	gd147 (n,p	)eu147	103	84	12/01/93
10	gd147 (n,d	)eu146	104	67	12/01/93
11	gd147 (n,t	)eu145	105	62	12/01/93
12	gd147 (n,h	)sm145	106	48	12/01/93
13	gd147 (n,a	)sm144	107	77	12/01/93
14	gd147 (n,2p	)sm146	111	43	12/01/93
15	gd147 (n,3n*	)gd145m	317	6	12/01/93
16	gd147 (n,na*	)sm143m	322	78	12/01/93

#	target	product	mt	# engeries	date
1	gd148 (n,2n	)gd147	16	25	12/01/93
2	gd148 (n,3n	)gd146	17	15	12/01/93
3	gd148 (n,na	)sm144	22	85	12/01/93
4	gd148 (n,np	)eu147	28	43	12/01/93
5	gd148 (n,nd	)eu146	32	27	12/01/93
6	gd148 (n,nt	)eu145	33	24	12/01/93
7	gd148 (n,nh	)sm145	34	4	12/01/93
8	gd148 (n,g	)gd149	102	390	12/01/93
9	gd148 (n,p	)eu148	103	88	12/01/93
10	gd148 (n,d	)eu147	104	65	12/01/93
11	gd148 (n,t	)eu146	105	55	12/01/93
12	gd148 (n,h	)sm146	106	45	12/01/93
13	gd148 (n,a	)sm145	107	82	12/01/93
14	gd148 (n,2p	)sm147	111	36	12/01/93

1	gd149 (n,2n	)gd148	16	34	12/01/93
2	gd149 (n,3n	)gd147	17	16	12/01/93
3	gd149 (n,na	)sm145	22	82	12/01/93
4	gd149 (n,np	)eu148	28	41	12/01/93
5	gd149 (n,nd	)eu147	32	34	12/01/93
6	gd149 (n,nt	)eu146	33	27	12/01/93
7	gd149 (n,nh	)sm146	34	11	12/01/93
8	gd149 (n,g	)gd150	102	387	12/01/93
9	gd149 (n,p	)eu149	103	87	12/01/93
10	gd149 (n,d	)eu148	104	64	12/01/93
11	gd149 (n,t	)eu147	105	60	12/01/93
12	gd149 (n,h	)sm147	106	43	12/01/93
13	gd149 (n,a	)sm146	107	78	12/01/93
14	gd149 (n,2p	)sm148	111	37	12/01/93

1	gd150 (n,2n	)gd149	16	12	12/01/93
2	gd150 (n,3n	)gd148	17	20	12/01/93
3	gd150 (n,na	)sm146	22	87	12/01/93
4	gd150 (n,np	)eu149	28	44	12/01/93
5	gd150 (n,nd	)eu148	32	26	12/01/93
6	gd150 (n,nt	)eu147	33	25	12/01/93
7	gd150 (n,g	)gd151	102	391	12/01/93
8	gd150 (n,p	)eu150	103	91	12/01/93
9	gd150 (n,d	)eu149	104	62	12/01/93
10	gd150 (n,t	)eu148	105	55	12/01/93
11	gd150 (n,h	)sm148	106	41	12/01/93
12	gd150 (n,a	)sm147	107	82	12/01/93
13	gd150 (n,2p	)sm149	111	32	12/01/93
14	gd150 (n,p*	)eu150m	403	91	12/01/93

#	target	product	mt	# enseries	date
1	gd151 (n,2n)	)gd150	16	14	12/01/93
2	gd151 (n,3n)	)gd149	17	20	12/01/93
3	gd151 (n,na)	)sm147	22	84	12/01/93
4	gd151 (n,np)	)eu150	28	41	12/01/93
5	gd151 (n,nd)	)eu149	32	35	12/01/93
6	gd151 (n,nt)	)eu148	33	28	12/01/93
7	gd151 (n,nh)	)sm148	34	7	12/01/93
8	gd151 (n,g)	)gd152	102	388	12/01/93
9	gd151 (n,p)	)eu151	103	88	12/01/93
10	gd151 (n,d)	)eu150	104	59	12/01/93
11	gd151 (n,t)	)eu149	105	60	12/01/93
12	gd151 (n,h)	)sm149	106	37	12/01/93
13	gd151 (n,a)	)sm148	107	78	12/01/93
14	gd151 (n,2p)	)sm150	111	36	12/01/93
15	gd151 (n,np*)	)eu150m	328	41	12/01/93
16	gd151 (n,d*)	)eu150m	404	59	12/01/93

1	gd152 (n,2n)	)gd151	16	32	12/01/93
2	gd152 (n,3n)	)gd150	17	18	12/01/93
3	gd152 (n,na)	)sm148	22	82	12/01/93
4	gd152 (n,np)	)eu151	28	44	12/01/93
5	gd152 (n,nd)	)eu150	32	25	12/01/93
6	gd152 (n,nt)	)eu149	33	26	12/01/93
7	gd152 (n,g)	)gd153	102	1282	12/01/93
8	gd152 (n,p)	)eu152	103	77	12/01/93
9	gd152 (n,d)	)eu151	104	57	12/01/93
10	gd152 (n,t)	)eu150	105	53	12/01/93
11	gd152 (n,h)	)sm150	106	35	12/01/93
12	gd152 (n,a)	)sm149	107	78	12/01/93
13	gd152 (n,2p)	)sm151	111	28	12/01/93
14	gd152 (n,nd*)	)eu150m	332	25	12/01/93
15	gd152 (n,p*)	)eu152m	403	77	12/01/93
16	gd152 (n,t*)	)eu150m	405	53	12/01/93
17	gd152 (n,p**)	)eu152n	703	77	12/01/93

#	target	product	mt	# enseries	date
1	gd153 (n,2n)	)gd152	16	31	12/01/93
2	gd153 (n,3n)	)gd151	17	20	12/01/93
3	gd153 (n,na)	)sm149	22	86	12/01/93
4	gd153 (n,np)	)eu152	28	37	12/01/93
5	gd153 (n,nd)	)eu151	32	32	12/01/93
6	gd153 (n,nt)	)eu150	33	26	12/01/93
7	gd153 (n,g)	)gd154	102	399	12/01/93
8	gd153 (n,p)	)eu153	103	88	12/01/93
9	gd153 (n,d)	)eu152	104	56	12/01/93
10	gd153 (n,t)	)eu151	105	58	12/01/93
11	gd153 (n,h)	)sm151	106	31	12/01/93
12	gd153 (n,a)	)sm150	107	83	12/01/93
13	gd153 (n,2p)	)sm152	111	33	12/01/93
14	gd153 (n,np*)	)eu152m	328	37	12/01/93
15	gd153 (n,nt*)	)eu150m	333	26	12/01/93
16	gd153 (n,d*)	)eu152m	404	56	12/01/93
17	gd153 (n,np**)	)eu152n	628	37	12/01/93
18	gd153 (n,d**)	)eu152n	704	56	12/01/93

1	gd154 (n,2n)	)gd153	16	32	12/01/93
2	gd154 (n,3n)	)gd152	17	20	12/01/93
3	gd154 (n,na)	)sm150	22	72	12/01/93
4	gd154 (n,np)	)eu153	28	42	12/01/93
5	gd154 (n,nd)	)eu152	32	21	12/01/93
6	gd154 (n,nt)	)eu151	33	21	12/01/93
7	gd154 (n,g)	)gd155	102	4301	12/01/93
8	gd154 (n,p)	)eu154	103	76	12/01/93
9	gd154 (n,d)	)eu153	104	57	12/01/93
10	gd154 (n,t)	)eu152	105	50	12/01/93
11	gd154 (n,h)	)sm152	106	29	12/01/93
12	gd154 (n,a)	)sm151	107	72	12/01/93
13	gd154 (n,2p)	)sm153	111	27	12/01/93
14	gd154 (n,nd*)	)eu152m	332	21	12/01/93
15	gd154 (n,p*)	)eu154m	403	76	12/01/93
16	gd154 (n,t*)	)eu152m	405	50	12/01/93
17	gd154 (n,nd**)	)eu152n	632	21	12/01/93
18	gd154 (n,t**)	)eu152n	705	50	12/01/93

#	target	product	mt	# engeries	date
1	gd155 (n,2n)	)gd154	16	39	12/01/93
2	gd155 (n,3n)	)gd153	17	20	12/01/93
3	gd155 (n,na)	)sm151	22	80	12/01/93
4	gd155 (n,np)	)eu154	28	39	12/01/93
5	gd155 (n,nd)	)eu153	32	32	12/01/93
6	gd155 (n,nt)	)eu152	33	20	12/01/93
7	gd155 (n,g)	)gd156	102	6687	12/01/93
8	gd155 (n,p)	)eu155	103	88	12/01/93
9	gd155 (n,d)	)eu154	104	57	12/01/93
10	gd155 (n,t)	)eu153	105	56	12/01/93
11	gd155 (n,h)	)sm153	106	27	12/01/93
12	gd155 (n,a)	)sm152	107	81	12/01/93
13	gd155 (n,2p)	)sm154	111	31	12/01/93
14	gd155 (n,np*)	)eu154m	328	39	12/01/93
15	gd155 (n,nt*)	)eu152m	333	20	12/01/93
16	gd155 (n,d*)	)eu154m	404	54	12/01/93
17	gd155 (n,nt**)	)eu152n	633	20	12/01/93

1	gd156 (n,2n)	)gd155	16	33	12/01/93
2	gd156 (n,3n)	)gd154	17	17	12/01/93
3	gd156 (n,na)	)sm152	22	70	12/01/93
4	gd156 (n,np)	)eu155	28	41	12/01/93
5	gd156 (n,nd)	)eu154	32	21	12/01/93
6	gd156 (n,nt)	)eu153	33	20	12/01/93
7	gd156 (n,g)	)gd157	102	8741	12/01/93
8	gd156 (n,p)	)eu156	103	75	12/01/93
9	gd156 (n,d)	)eu155	104	56	12/01/93
10	gd156 (n,t)	)eu154	105	50	12/01/93
11	gd156 (n,h)	)sm154	106	25	12/01/93
12	gd156 (n,a)	)sm153	107	67	12/01/93
13	gd156 (n,2p)	)sm155	111	23	12/01/93
14	gd156 (n,nd*)	)eu154m	332	21	12/01/93
15	gd156 (n,t*)	)eu154m	405	50	12/01/93

1	gd157 (n,2n)	)gd156	16	37	12/01/93
2	gd157 (n,3n)	)gd155	17	20	12/01/93
3	gd157 (n,na)	)sm153	22	78	12/01/93
4	gd157 (n,np)	)eu156	28	33	12/01/93
5	gd157 (n,nd)	)eu155	32	30	12/01/93
6	gd157 (n,nt)	)eu154	33	20	12/01/93
7	gd157 (n,g)	)gd158	102	6401	12/01/93
8	gd157 (n,p)	)eu157	103	83	12/01/93
9	gd157 (n,d)	)eu156	104	55	12/01/93
10	gd157 (n,t)	)eu155	105	56	12/01/93
11	gd157 (n,h)	)sm155	106	23	12/01/93
12	gd157 (n,a)	)sm154	107	73	12/01/93
13	gd157 (n,2p)	)sm156	111	26	12/01/93
14	gd157 (n,nt*)	)eu154m	333	20	12/01/93

#	target	product	mt	# engeries	date
1	gd158 (n,2n)	)gd157	16	43	12/01/93
2	gd158 (n,3n)	)gd156	17	24	12/01/93
3	gd158 (n,na)	)sm154	22	68	12/01/93
4	gd158 (n,np)	)eu157	28	40	12/01/93
5	gd158 (n,nd)	)eu156	32	24	12/01/93
6	gd158 (n,nt)	)eu155	33	22	12/01/93
7	gd158 (n,g)	)gd159	102	7427	12/01/93
8	gd158 (n,p)	)eu158	103	70	12/01/93
9	gd158 (n,d)	)eu157	104	54	12/01/93
10	gd158 (n,t)	)eu156	105	50	12/01/93
11	gd158 (n,h)	)sm156	106	19	12/01/93
12	gd158 (n,a)	)sm155	107	63	12/01/93
13	gd158 (n,2p)	)sm157	111	17	12/01/93

1	gd159 (n,2n)	)gd158	16	43	12/01/93
2	gd159 (n,3n)	)gd157	17	22	12/01/93
3	gd159 (n,na)	)sm155	22	72	12/01/93
4	gd159 (n,np)	)eu158	28	38	12/01/93
5	gd159 (n,nd)	)eu157	32	31	12/01/93
6	gd159 (n,nt)	)eu156	33	23	12/01/93
7	gd159 (n,g)	)gd160	102	397	12/01/93
8	gd159 (n,p)	)eu159	103	76	12/01/93
9	gd159 (n,d)	)eu158	104	55	12/01/93

#	target	product	mt	# engeries	date
10	gd159 (n,t	)eu157	105	54	12/01/93
11	gd159 (n,h	)am157	106	17	12/01/93
12	gd159 (n,a	)am156	107	70	12/01/93
13	gd159 (n,2p	)am158	111	19	12/01/93
1	gd160 (n,2n	)gd159	16	31	12/01/93
2	gd160 (n,3n	)gd158	17	23	12/01/93
3	gd160 (n,na	)am156	22	63	12/01/93
4	gd160 (n,np	)eu159	28	40	12/01/93
5	gd160 (n,nd	)eu158	32	25	12/01/93
6	gd160 (n,nt	)eu157	33	23	12/01/93
7	gd160 (n,rh	)am157	34	2	12/01/93
8	gd160 (n,g	)gd161	102	5085	12/01/93
9	gd160 (n,p	)eu160	103	64	12/01/93
10	gd160 (n,d	)eu159	104	52	12/01/93
11	gd160 (n,t	)eu158	105	50	12/01/93
12	gd160 (n,h	)am158	106	11	12/01/93
13	gd160 (n,a	)am157	107	62	12/01/93
14	gd160 (n,2p	)am159	111	11	12/01/93

#	target	product	mt	# engeries	date
1	tb153 (n,2n	)tb152	16	27	12/01/93
2	tb153 (n,3n	)tb151	17	17	12/01/93
3	tb153 (n,na	)eu149	22	88	12/01/93
4	tb153 (n,np	)gd152	28	52	12/01/93
5	tb153 (n,nd	)gd151	32	34	12/01/93
6	tb153 (n,nt	)gd150	33	39	12/01/93
7	tb153 (n,g	)tb154	102	380	12/01/93
8	tb153 (n,p	)gd153	103	86	12/01/93
9	tb153 (n,d	)gd152	104	75	12/01/93
10	tb153 (n,t	)gd151	105	61	12/01/93
11	tb153 (n,h	)eu151	106	37	12/01/93
12	tb153 (n,a	)eu150	107	84	12/01/93
13	tb153 (n,2p	)eu152	111	35	12/01/93
14	tb153 (n,2n*	)tb152m	316	25	12/01/93
15	tb153 (n,3n*	)tb151m	317	17	12/01/93
16	tb153 (n,g*	)tb154m	402	399	12/01/93
17	tb153 (n,a*	)eu150m	407	84	12/01/93
18	tb153 (n,2p*	)eu152m	411	35	12/01/93
19	tb153 (n,g**	)tb154n	702	399	12/01/93
20	tb153 (n,2p**	)eu152n	711	35	12/01/93

1	tb154 (n,n	)tb154	4	1	12/01/93
2	tb154 (n,2n	)tb153	16	28	12/01/93
3	tb154 (n,3n	)tb152	17	17	12/01/93
4	tb154 (n,na	)eu150	22	86	12/01/93
5	tb154 (n,np	)gd153	28	48	12/01/93
6	tb154 (n,nd	)gd152	32	41	12/01/93
7	tb154 (n,nt	)gd151	33	37	12/01/93
8	tb154 (n,g	)tb155	102	404	12/01/93
9	tb154 (n,p	)gd154	103	80	12/01/93
10	tb154 (n,d	)gd153	104	71	12/01/93
11	tb154 (n,t	)gd152	105	73	12/01/93
12	tb154 (n,h	)eu152	106	35	12/01/93
13	tb154 (n,a	)eu151	107	80	12/01/93
14	tb154 (n,2p	)eu153	111	39	12/01/93
15	tb154 (n,n*	)tb154m	304	35	12/01/93
16	tb154 (n,3n*	)tb152m	317	14	12/01/93
17	tb154 (n,na*	)eu150m	322	86	12/01/93
18	tb154 (n,h*	)eu152m	406	35	12/01/93
19	tb154 (n,n**	)tb154n	604	38	12/01/93
20	tb154 (n,h**	)eu152n	706	35	12/01/93

#	target	product	mt	# engeries	date
1	tb155 (n,2n	)tb154	16	28	12/01/93
2	tb155 (n,3n	)tb153	17	16	12/01/93
3	tb155 (n,na	)eu151	22	79	12/01/93
4	tb155 (n,np	)gd154	28	51	12/01/93
5	tb155 (n,nd	)gd153	32	30	12/01/93
6	tb155 (n,nt	)gd152	33	34	12/01/93
7	tb155 (n,g	)tb156	102	384	12/01/93
8	tb155 (n,p	)gd155	103	87	12/01/93

#	target	product	mt	# engeries	date
9	tb155 (n,d)	)gd154	104	71	12/01/93
10	tb155 (n,t)	)gd153	105	57	12/01/93
11	tb155 (n,h)	)eu153	106	33	12/01/93
12	tb155 (n,a)	)eu152	107	75	12/01/93
13	tb155 (n,2p)	)eu154	111	32	12/01/93
14	tb155 (n,2n*)	)tb154m	316	28	12/01/93
15	tb155 (n,g*)	)tb156m	402	404	12/01/93
16	tb155 (n,a*)	)eu152m	407	74	12/01/93
17	tb155 (n,2p*)	)eu154m	411	32	12/01/93
18	tb155 (n,2n**)	)tb154n	616	28	12/01/93
19	tb155 (n,g**)	)tb156n	702	404	12/01/93
20	tb155 (n,a**)	)eu152n	707	75	12/01/93

1	tb156 (n,n)	)tb156	4	1	12/01/93
2	tb156 (n,2n)	)tb155	16	33	12/01/93
3	tb156 (n,3n)	)tb154	17	16	12/01/93
4	tb156 (n,na)	)eu152	22	87	12/01/93
5	tb156 (n,np)	)gd155	28	44	12/01/93
6	tb156 (n,nd)	)gd154	32	37	12/01/93
7	tb156 (n,nt)	)gd153	33	32	12/01/93
8	tb156 (n,g)	)tb157	102	401	12/01/93
9	tb156 (n,p)	)gd156	103	83	12/01/93
10	tb156 (n,d)	)gd155	104	67	12/01/93
11	tb156 (n,t)	)gd154	105	67	12/01/93
12	tb156 (n,h)	)eu154	106	31	12/01/93
13	tb156 (n,a)	)eu153	107	86	12/01/93
14	tb156 (n,2p)	)eu155	111	37	12/01/93
15	tb156 (n,n*)	)tb156m	304	37	12/01/93
16	tb156 (n,3n*)	)tb154m	317	16	12/01/93
17	tb156 (n,na*)	)eu152m	322	87	12/01/93
18	tb156 (n,h*)	)eu154m	406	31	12/01/93
19	tb156 (n,n**)	)tb156n	604	37	12/01/93
20	tb156 (n,3n**)	)tb154n	617	16	12/01/93
21	tb156 (n,na**)	)eu152n	622	87	12/01/93

#	target	product	mt	# engeries	date
1	tb156m(n,n)	)tb156	4	50	12/01/93
2	tb156m(n,2n)	)tb155	16	28	12/01/93
3	tb156m(n,3n)	)tb154	17	16	12/01/93
4	tb156m(n,na)	)eu152	22	87	12/01/93
5	tb156m(n,np)	)gd155	28	44	12/01/93
6	tb156m(n,nd)	)gd154	32	37	12/01/93
7	tb156m(n,nt)	)gd153	33	32	12/01/93
8	tb156m(n,g)	)tb157	102	401	12/01/93
9	tb156m(n,p)	)gd156	103	83	12/01/93
10	tb156m(n,d)	)gd155	104	67	12/01/93
11	tb156m(n,t)	)gd154	105	67	12/01/93
12	tb156m(n,h)	)eu154	106	31	12/01/93
13	tb156m(n,a)	)eu153	107	86	12/01/93
14	tb156m(n,2p)	)eu155	111	37	12/01/93
15	tb156m(n,n*)	)tb156m	304	42	12/01/93
16	tb156m(n,3n*)	)tb154m	317	16	12/01/93
17	tb156m(n,na*)	)eu152m	322	87	12/01/93
18	tb156m(n,h*)	)eu154m	406	31	12/01/93
19	tb156m(n,3n**)	)tb154n	617	16	12/01/93
20	tb156m(n,na**)	)eu152n	622	87	12/01/93

1	tb157 (n,2n)	)tb156	16	31	12/01/93
2	tb157 (n,3n)	)tb155	17	19	12/01/93
3	tb157 (n,na)	)eu153	22	71	12/01/93
4	tb157 (n,np)	)gd156	28	46	12/01/93
5	tb157 (n,nd)	)gd155	32	29	12/01/93
6	tb157 (n,nt)	)gd154	33	32	12/01/93
7	tb157 (n,g)	)tb158	102	398	12/01/93
8	tb157 (n,p)	)gd157	103	91	12/01/93
9	tb157 (n,d)	)gd156	104	66	12/01/93
10	tb157 (n,t)	)gd155	105	56	12/01/93
11	tb157 (n,h)	)eu155	106	29	12/01/93

# target	product	mt	# engeries	date
12 tb157 (n,a	)eu154	107	69	12/01/93
13 tb157 (n,2p	)eu156	111	30	12/01/93
14 tb157 (n,2n*	)tb156m	316	31	12/01/93
15 tb157 (n,g*	)tb158m	402	398	12/01/93
16 tb157 (n,a*	)eu154m	407	69	12/01/93
17 tb157 (n,2n**)	tb156n	616	31	12/01/93

# target	product	mt	# engeries	date
1 tb158 (n,n	)tb158	4	1	12/01/93
2 tb158 (n,2n	)tb157	16	33	12/01/93
3 tb158 (n,3n	)tb156	17	17	12/01/93
4 tb158 (n,na	)eu154	22	82	12/01/93
5 tb158 (n,np	)gd157	28	44	12/01/93
6 tb158 (n,nd	)gd156	32	37	12/01/93
7 tb158 (n,nt	)gd155	33	31	12/01/93
8 tb158 (n,g	)tb159	102	398	12/01/93
9 tb158 (n,p	)gd158	103	88	12/01/93
10 tb158 (n,d	)gd157	104	65	12/01/93
11 tb158 (n,t	)gd156	105	65	12/01/93
12 tb158 (n,h	)eu156	106	27	12/01/93
13 tb158 (n,a	)eu155	107	77	12/01/93
14 tb158 (n,2p	)eu157	111	31	12/01/93
15 tb158 (n,n*	)tb158m	304	42	12/01/93
16 tb158 (n,3n*	)tb156m	317	17	12/01/93
17 tb158 (n,na*	)eu154m	322	82	12/01/93
18 tb158 (n,3n**)	tb156n	617	17	12/01/93

1 tb159 (n,2n	)tb158	16	33	12/01/93
2 tb159 (n,3n	)tb157	17	17	12/01/93
3 tb159 (n,na	)eu155	22	69	12/01/93
4 tb159 (n,np	)gd158	28	44	12/01/93
5 tb159 (n,nd	)gd157	32	29	12/01/93
6 tb159 (n,nt	)gd156	33	32	12/01/93
7 tb159 (n,g	)tb160	102	5588	12/01/93
8 tb159 (n,p	)gd159	103	90	12/01/93
9 tb159 (n,d	)gd158	104	65	12/01/93
10 tb159 (n,t	)gd157	105	56	12/01/93
11 tb159 (n,h	)eu157	106	23	12/01/93
12 tb159 (n,a	)eu156	107	70	12/01/93
13 tb159 (n,2p	)eu158	111	25	12/01/93
14 tb159 (n,2n*	)tb158m	316	33	12/01/93

1 tb160 (n,2n	)tb159	16	39	12/01/93
2 tb160 (n,3n	)tb158	17	19	12/01/93
3 tb160 (n,na	)eu156	22	79	12/01/93
4 tb160 (n,np	)gd159	28	41	12/01/93
5 tb160 (n,nd	)gd158	32	37	12/01/93
6 tb160 (n,nt	)gd157	33	32	12/01/93
7 tb160 (n,g	)tb161	102	479	12/01/93
8 tb160 (n,p	)gd160	103	89	12/01/93
9 tb160 (n,d	)gd159	104	61	12/01/93
10 tb160 (n,t	)gd158	105	62	12/01/93
11 tb160 (n,h	)eu158	106	21	12/01/93
12 tb160 (n,a	)eu157	107	73	12/01/93
13 tb160 (n,2p	)eu159	111	26	12/01/93
14 tb160 (n,3n*	)tb158m	317	19	12/01/93

# target	product	mt	# engeries	date
1 tb161 (n,2n	)tb160	16	37	12/01/93
2 tb161 (n,3n	)tb159	17	20	12/01/93
3 tb161 (n,na	)eu157	22	68	12/01/93
4 tb161 (n,np	)gd160	28	43	12/01/93
5 tb161 (n,nd	)gd159	32	28	12/01/93
6 tb161 (n,nt	)gd158	33	33	12/01/93
7 tb161 (n,g	)tb162	102	406	12/01/93
8 tb161 (n,p	)gd161	103	80	12/01/93
9 tb161 (n,d	)gd160	104	59	12/01/93
10 tb161 (n,t	)gd159	105	56	12/01/93
11 tb161 (n,h	)eu159	106	17	12/01/93
12 tb161 (n,a	)eu158	107	63	12/01/93
13 tb161 (n,2p	)eu160	111	17	12/01/93

#	target	product	mt	# engeries	date
1	dy154 (n,2n)	)dy153	16	30	12/01/93
2	dy154 (n,3n)	)dy152	17	14	12/01/93
3	dy154 (n,na)	)gd150	22	89	12/01/93
4	dy154 (n,np)	)tb153	28	45	12/01/93
5	dy154 (n,nd)	)tb152	32	27	12/01/93
6	dy154 (n,nt)	)tb151	33	24	12/01/93
7	dy154 (n,g)	)dy155	102	397	12/01/93
8	dy154 (n,p)	)tb154	103	91	12/01/93
9	dy154 (n,d)	)tb153	104	62	12/01/93
10	dy154 (n,t)	)tb152	105	55	12/01/93
11	dy154 (n,h)	)gd152	106	41	12/01/93
12	dy154 (n,a)	)gd151	107	84	12/01/93
13	dy154 (n,2p)	)gd153	111	35	12/01/93
14	dy154 (n,nd*)	)tb152m	332	25	12/01/93
15	dy154 (n,nt*)	)tb151m	333	24	12/01/93
16	dy154 (n,p*)	)tb154m	403	91	12/01/93
17	dy154 (n,t*)	)tb152m	405	52	12/01/93
18	dy154 (n,p**)	)tb154n	703	91	12/01/93

#	target	product	mt	# engeries	date
1	dy155 (n,2n)	)dy154	16	31	12/01/93
2	dy155 (n,3n)	)dy153	17	19	12/01/93
3	dy155 (n,na)	)gd151	22	84	12/01/93
4	dy155 (n,np)	)tb154	28	41	12/01/93
5	dy155 (n,nd)	)tb153	32	33	12/01/93
6	dy155 (n,nt)	)tb152	33	26	12/01/93
7	dy155 (n,nh)	)gd152	34	7	12/01/93
8	dy155 (n,g)	)dy156	102	392	12/01/93
9	dy155 (n,p)	)tb155	103	84	12/01/93
10	dy155 (n,d)	)tb154	104	60	12/01/93
11	dy155 (n,t)	)tb153	105	60	12/01/93
12	dy155 (n,h)	)gd153	106	39	12/01/93
13	dy155 (n,a)	)gd152	107	78	12/01/93
14	dy155 (n,2p)	)gd154	111	40	12/01/93
15	dy155 (n,np*)	)tb154m	328	41	12/01/93
16	dy155 (n,nt*)	)tb152m	333	24	12/01/93
17	dy155 (n,d*)	)tb154m	404	60	12/01/93
18	dy155 (n,np**)	)tb154n	628	41	12/01/93
19	dy155 (n,d**)	)tb154n	704	60	12/01/93

1	dy156 (n,2n)	)dy155	16	32	12/01/93
2	dy156 (n,3n)	)dy154	17	19	12/01/93
3	dy156 (n,na)	)gd152	22	84	12/01/93
4	dy156 (n,np)	)tb155	28	43	12/01/93
5	dy156 (n,nd)	)tb154	32	23	12/01/93
6	dy156 (n,nt)	)tb153	33	20	12/01/93
7	dy156 (n,g)	)dy157	102	3335	12/01/93
8	dy156 (n,p)	)tb156	103	89	12/01/93
9	dy156 (n,d)	)tb155	104	63	12/01/93
10	dy156 (n,t)	)tb154	105	52	12/01/93
11	dy156 (n,h)	)gd154	106	37	12/01/93
12	dy156 (n,a)	)gd153	107	79	12/01/93
13	dy156 (n,2p)	)gd155	111	32	12/01/93
14	dy156 (n,nd*)	)tb154m	332	23	12/01/93
15	dy156 (n,p*)	)tb156m	403	89	12/01/93
16	dy156 (n,t*)	)tb154m	405	52	12/01/93
17	dy156 (n,nd**)	)tb154n	632	23	12/01/93
18	dy156 (n,p**)	)tb156n	703	89	12/01/93
19	dy156 (n,t**)	)tb154n	705	52	12/01/93

#	target	product	mt	# engeries	date
1	dy157 (n,2n)	)dy156	16	23	12/01/93
2	dy157 (n,3n)	)dy155	17	15	12/01/93
3	dy157 (n,na)	)gd153	22	87	12/01/93
4	dy157 (n,np)	)tb156	28	39	12/01/93
5	dy157 (n,nd)	)tb155	32	33	12/01/93
6	dy157 (n,nt)	)tb154	33	20	12/01/93
7	dy157 (n,g)	)dy158	102	391	12/01/93
8	dy157 (n,p)	)tb157	103	87	12/01/93
9	dy157 (n,d)	)tb156	104	62	12/01/93
10	dy157 (n,t)	)tb155	105	58	12/01/93

#	target	product	mt	# engeries	date
11	dy157 (n,h)	)gd155	106	33	12/01/93
12	dy157 (n,a)	)gd154	107	82	12/01/93
13	dy157 (n,2p)	)gd156	111	36	12/01/93
14	dy157 (n,np*)	)tb156m	328	39	12/01/93
15	dy157 (n,nt*)	)tb154m	333	20	12/01/93
16	dy157 (n,d*)	)tb156m	404	62	12/01/93
17	dy157 (n,np**)	)tb156n	628	39	12/01/93
18	dy157 (n,nt**)	)tb154n	633	20	12/01/93
19	dy157 (n,d**)	)tb156n	704	58	12/01/93

1	dy158 (n,2n)	)dy157	16	27	12/01/93
2	dy158 (n,3n)	)dy156	17	16	12/01/93
3	dy158 (n,na)	)gd154	22	77	12/01/93
4	dy158 (n,np)	)tb157	28	45	12/01/93
5	dy158 (n,nd)	)tb156	32	23	12/01/93
6	dy158 (n,nt)	)tb155	33	21	12/01/93
7	dy158 (n,g)	)dy159	102	1220	12/01/93
8	dy158 (n,p)	)tb158	103	92	12/01/93
9	dy158 (n,d)	)tb157	104	60	12/01/93
10	dy158 (n,t)	)tb156	105	52	12/01/93
11	dy158 (n,h)	)gd156	106	31	12/01/93
12	dy158 (n,a)	)gd155	107	76	12/01/93
13	dy158 (n,2p)	)gd157	111	30	12/01/93
14	dy158 (n,nd*)	)tb156m	332	23	12/01/93
15	dy158 (n,p*)	)tb158m	403	92	12/01/93
16	dy158 (n,t*)	)tb156m	405	52	12/01/93
17	dy158 (n,nd**)	)tb156n	632	23	12/01/93
18	dy158 (n,t**)	)tb156n	705	52	12/01/93

#	target	product	mt	# engeries	date
1	dy159 (n,2n)	)dy158	16	31	12/01/93
2	dy159 (n,3n)	)dy157	17	18	12/01/93
3	dy159 (n,na)	)gd155	22	88	12/01/93
4	dy159 (n,np)	)tb158	28	39	12/01/93
5	dy159 (n,nd)	)tb157	32	31	12/01/93
6	dy159 (n,nt)	)tb156	33	20	12/01/93
7	dy159 (n,g)	)dy160	102	392	12/01/93
8	dy159 (n,p)	)tb159	103	88	12/01/93
9	dy159 (n,d)	)tb158	104	59	12/01/93
10	dy159 (n,t)	)tb157	105	58	12/01/93
11	dy159 (n,h)	)gd157	106	29	12/01/93
12	dy159 (n,a)	)gd156	107	78	12/01/93
13	dy159 (n,2p)	)gd158	111	32	12/01/93
14	dy159 (n,np*)	)tb158m	328	39	12/01/93
15	dy159 (n,nt*)	)tb156m	333	20	12/01/93
16	dy159 (n,d*)	)tb158m	404	59	12/01/93
17	dy159 (n,nt**)	)tb156n	633	20	12/01/93

1	dy160 (n,2n)	)dy159	16	30	12/01/93
2	dy160 (n,3n)	)dy158	17	16	12/01/93
3	dy160 (n,na)	)gd156	22	72	12/01/93
4	dy160 (n,np)	)tb159	28	44	12/01/93
5	dy160 (n,nd)	)tb158	32	25	12/01/93
6	dy160 (n,nt)	)tb157	33	22	12/01/93
7	dy160 (n,g)	)dy161	102	1247	12/01/93
8	dy160 (n,p)	)tb160	103	80	12/01/93
9	dy160 (n,d)	)tb159	104	58	12/01/93
10	dy160 (n,t)	)tb158	105	52	12/01/93
11	dy160 (n,h)	)gd158	106	27	12/01/93
12	dy160 (n,a)	)gd157	107	68	12/01/93
13	dy160 (n,2p)	)gd159	111	25	12/01/93
14	dy160 (n,nd*)	)tb158m	332	23	12/01/93
15	dy160 (n,t*)	)tb158m	405	52	12/01/93

1	dy161 (n,2n)	)dy160	16	38	12/01/93
2	dy161 (n,3n)	)dy159	17	18	12/01/93
3	dy161 (n,na)	)gd157	22	82	12/01/93
4	dy161 (n,np)	)tb160	28	40	12/01/93
5	dy161 (n,nd)	)tb159	32	32	12/01/93
6	dy161 (n,nt)	)tb158	33	24	12/01/93
7	dy161 (n,g)	)dy162	102	4015	12/01/93
8	dy161 (n,p)	)tb161	103	89	12/01/93
9	dy161 (n,d)	)tb160	104	58	12/01/93

#	target	product	mt	# engeries	date
10	dy161 (n,t	)tb159	105	58	12/01/93
11	dy161 (n,h	)gd159	106	25	12/01/93
12	dy161 (n,a	)gd158	107	82	12/01/93
13	dy161 (n,2p	)gd160	111	28	12/01/93
14	dy161 (n,nt*	)tb158m	333	24	12/01/93

#	target	product	mt	# engeries	date
1	dy162 (n,2n	)dy161	16	34	12/01/93
2	dy162 (n,3n	)dy160	17	22	12/01/93
3	dy162 (n,na	)gd158	22	67	12/01/93
4	dy162 (n,np	)tb161	28	42	12/01/93
5	dy162 (n,nd	)tb160	32	24	12/01/93
6	dy162 (n,nt	)tb159	33	23	12/01/93
7	dy162 (n,g	)dy163	102	2624	12/01/93
8	dy162 (n,p	)tb162	103	76	12/01/93
9	dy162 (n,d	)tb161	104	56	12/01/93
10	dy162 (n,t	)tb160	105	52	12/01/93
11	dy162 (n,h	)gd160	106	21	12/01/93
12	dy162 (n,a	)gd159	107	67	12/01/93
13	dy162 (n,2p	)gd161	111	21	12/01/93

1	dy163 (n,2n	)dy162	16	37	12/01/93
2	dy163 (n,3n	)dy161	17	19	12/01/93
3	dy163 (n,na	)gd159	22	76	12/01/93
4	dy163 (n,np	)tb162	28	42	12/01/93
5	dy163 (n,nd	)tb161	32	30	12/01/93
6	dy163 (n,nt	)tb160	33	24	12/01/93
7	dy163 (n,g	)dy164	102	1282	12/01/93
8	dy163 (n,p	)tb163	103	85	12/01/93
9	dy163 (n,d	)tb162	104	55	12/01/93
10	dy163 (n,t	)tb161	105	56	12/01/93
11	dy163 (n,h	)gd161	106	19	12/01/93
12	dy163 (n,a	)gd160	107	73	12/01/93
13	dy163 (n,2p	)gd162	111	23	12/01/93

1	dy164 (n,2n	)dy163	16	37	12/01/93
2	dy164 (n,3n	)dy162	17	20	12/01/93
3	dy164 (n,na	)gd160	22	65	12/01/93
4	dy164 (n,np	)tb163	28	41	12/01/93
5	dy164 (n,nd	)tb162	32	27	12/01/93
6	dy164 (n,nt	)tb161	33	24	12/01/93
7	dy164 (n,g	)dy165	102	872	12/01/93
8	dy164 (n,p	)tb164	103	66	12/01/93
9	dy164 (n,d	)tb163	104	55	12/01/93
10	dy164 (n,t	)tb162	105	52	12/01/93
11	dy164 (n,h	)gd162	106	15	12/01/93
12	dy164 (n,a	)gd161	107	61	12/01/93
13	dy164 (n,2p	)gd163	111	15	12/01/93
14	dy164 (n,g*	)dy165m	402	873	12/01/93

#	target	product	mt	# engeries	date
1	dy165 (n,n	)dy165	4	1	12/01/93
2	dy165 (n,2n	)dy164	16	40	12/01/93
3	dy165 (n,3n	)dy163	17	26	12/01/93
4	dy165 (n,na	)gd161	22	70	12/01/93
5	dy165 (n,np	)tb164	28	40	12/01/93
6	dy165 (n,nd	)tb163	32	31	12/01/93
7	dy165 (n,nt	)tb162	33	28	12/01/93
8	dy165 (n,g	)dy166	102	394	12/01/93
9	dy165 (n,p	)tb165	103	75	12/01/93
10	dy165 (n,d	)tb164	104	53	12/01/93
11	dy165 (n,t	)tb163	105	55	12/01/93
12	dy165 (n,h	)gd163	106	17	12/01/93
13	dy165 (n,a	)gd162	107	67	12/01/93
14	dy165 (n,2p	)gd164	111	19	12/01/93
15	dy165 (n,n*	)dy165m	304	47	12/01/93

#	target	product	mt	# engeries	date
1	dy166 (n,2n)	)dy165	16	41	12/01/93
2	dy166 (n,3n)	)dy164	17	27	12/01/93
3	dy166 (n,na)	)gd162	22	65	12/01/93
4	dy166 (n,np)	)tb165	28	43	12/01/93
5	dy166 (n,nd)	)tb164	32	25	12/01/93
6	dy166 (n,nt)	)tb163	33	28	12/01/93
7	dy166 (n,g)	)dy167	102	384	12/01/93
8	dy166 (n,p)	)tb166	103	65	12/01/93
9	dy166 (n,d)	)tb165	104	53	12/01/93
10	dy166 (n,t)	)tb164	105	51	12/01/93
11	dy166 (n,h)	)gd164	106	15	12/01/93
12	dy166 (n,a)	)gd163	107	64	12/01/93
13	dy166 (n,2p)	)gd165	111	7	12/01/93
14	dy166 (n,2n*)	)dy165m	316	41	12/01/93

1	ho163 (n,n)	)ho163	4	1	12/01/93
2	ho163 (n,2n)	)ho162	16	35	12/01/93
3	ho163 (n,3n)	)ho161	17	14	12/01/93
4	ho163 (n,na)	)tb159	22	71	12/01/93
5	ho163 (n,np)	)dy162	28	45	12/01/93
6	ho163 (n,nd)	)dy161	32	28	12/01/93
7	ho163 (n,nt)	)dy160	33	34	12/01/93
8	ho163 (n,g)	)ho164	102	400	12/01/93
9	ho163 (n,p)	)dy163	103	13	12/01/93
10	ho163 (n,d)	)dy162	104	67	12/01/93
11	ho163 (n,t)	)dy161	105	58	12/01/93
12	ho163 (n,h)	)tb161	106	27	12/01/93
13	ho163 (n,a)	)tb160	107	73	12/01/93
14	ho163 (n,2p)	)tb162	111	28	12/01/93
15	ho163 (n,n*)	)ho163m	304	49	12/01/93
16	ho163 (n,2n*)	)ho162m	316	31	12/01/93
17	ho163 (n,3n*)	)ho161m	317	15	12/01/93
18	ho163 (n,g*)	)ho164m	402	400	12/01/93

#	target	product	mt	# engeries	date
1	ho165 (n,2n)	)ho164	16	25	12/01/93
2	ho165 (n,3n)	)ho163	17	15	12/01/93
3	ho165 (n,na)	)tb161	22	69	12/01/93
4	ho165 (n,np)	)dy164	28	46	12/01/93
5	ho165 (n,nd)	)dy163	32	30	12/01/93
6	ho165 (n,nt)	)dy162	33	34	12/01/93
7	ho165 (n,g)	)ho166	102	2986	12/01/93
8	ho165 (n,p)	)dy165	103	13	12/01/93
9	ho165 (n,d)	)dy164	104	62	12/01/93
10	ho165 (n,t)	)dy163	105	57	12/01/93
11	ho165 (n,h)	)tb163	106	21	12/01/93
12	ho165 (n,a)	)tb162	107	67	12/01/93
13	ho165 (n,2p)	)tb164	111	21	12/01/93
14	ho165 (n,2n*)	)ho164m	316	25	12/01/93
15	ho165 (n,3n*)	)ho163m	317	18	12/01/93
16	ho165 (n,g*)	)ho166m	402	2987	12/01/93
17	ho165 (n,p*)	)dy165m	403	85	12/01/93

1	ho166 (n,n)	)ho166	4	1	12/01/93
2	ho166 (n,2n)	)ho165	16	27	12/01/93
3	ho166 (n,3n)	)ho164	17	16	12/01/93
4	ho166 (n,na)	)tb162	22	72	12/01/93
5	ho166 (n,np)	)dy165	28	44	12/01/93
6	ho166 (n,nd)	)dy164	32	38	12/01/93
7	ho166 (n,nt)	)dy163	33	34	12/01/93
8	ho166 (n,g)	)ho167	102	409	12/01/93
9	ho166 (n,p)	)dy166	103	13	12/01/93
10	ho166 (n,d)	)dy165	104	59	12/01/93
11	ho166 (n,t)	)dy164	105	61	12/01/93
12	ho166 (n,h)	)tb164	106	17	12/01/93
13	ho166 (n,a)	)tb163	107	70	12/01/93
14	ho166 (n,2p)	)tb165	111	23	12/01/93
15	ho166 (n,n*)	)ho166m	304	45	12/01/93
16	ho166 (n,3n*)	)ho164m	317	22	12/01/93
17	ho166 (n,np*)	)dy165m	328	44	12/01/93
18	ho166 (n,d*)	)dy165m	404	59	12/01/93

#	target	product	mt	# engeries	date
1	ho166m(n,n	)ho166	4	50	12/01/93
2	ho166m(n,2n	)ho165	16	27	12/01/93
3	ho166m(n,3n	)ho164	17	16	12/01/93
4	ho166m(n,na	)tb162	22	72	12/01/93
5	ho166m(n,np	)dy165	28	44	12/01/93
6	ho166m(n,nd	)dy164	32	38	12/01/93
7	ho166m(n,nt	)dy163	33	34	12/01/93
8	ho166m(n,g	)ho167	102	409	12/01/93
9	ho166m(n,p	)dy166	103	13	12/01/93
10	ho166m(n,d	)dy165	104	59	12/01/93
11	ho166m(n,t	)dy164	105	61	12/01/93
12	ho166m(n,h	)tb164	106	17	12/01/93
13	ho166m(n,a	)tb163	107	70	12/01/93
14	ho166m(n,2p	)tb165	111	23	12/01/93
15	ho166m(n,3n*	)ho164m	317	18	12/01/93
16	ho166m(n,np*	)dy165m	328	44	12/01/93
17	ho166m(n,d*	)dy165m	404	59	12/01/93

1	er162 (n,2n	)er161	16	26	12/01/93
2	er162 (n,3n	)er160	17	15	12/01/93
3	er162 (n,na	)dy158	22	84	12/01/93
4	er162 (n,np	)ho161	28	46	12/01/93
5	er162 (n,nd	)ho160	32	25	12/01/93
6	er162 (n,nt	)ho159	33	20	12/01/93
7	er162 (n,g	)er163	102	3833	12/01/93
8	er162 (n,p	)ho162	103	92	12/01/93
9	er162 (n,d	)ho161	104	63	12/01/93
10	er162 (n,t	)ho160	105	53	12/01/93
11	er162 (n,h	)dy160	106	35	12/01/93
12	er162 (n,a	)dy159	107	80	12/01/93
13	er162 (n,2p	)dy161	111	31	12/01/93
14	er162 (n,np*	)ho161m	328	43	12/01/93
15	er162 (n,nd*	)ho160m	332	25	12/01/93
16	er162 (n,nt*	)ho159m	333	20	12/01/93
17	er162 (n,p*	)ho162m	403	92	12/01/93
18	er162 (n,d*	)ho161m	404	63	12/01/93
19	er162 (n,t*	)ho160m	405	53	12/01/93
20	er162 (n,nd**	)ho160n	632	25	12/01/93
21	er162 (n,t**	)ho160n	705	51	12/01/93

#	target	product	mt	# engeries	date
1	er164 (n,2n	)er163	16	31	12/01/93
2	er164 (n,3n	)er162	17	19	12/01/93
3	er164 (n,na	)dy160	22	77	12/01/93
4	er164 (n,np	)ho163	28	45	12/01/93
5	er164 (n,nd	)ho162	32	25	12/01/93
6	er164 (n,nt	)ho161	33	22	12/01/93
7	er164 (n,g	)er165	102	4739	12/01/93
8	er164 (n,p	)ho164	103	92	12/01/93
9	er164 (n,d	)ho163	104	60	12/01/93
10	er164 (n,t	)ho162	105	53	12/01/93
11	er164 (n,h	)dy162	106	29	12/01/93
12	er164 (n,a	)dy161	107	72	12/01/93
13	er164 (n,2p	)dy163	111	28	12/01/93
14	er164 (n,np*	)ho163m	328	42	12/01/93
15	er164 (n,nd*	)ho162m	332	25	12/01/93
16	er164 (n,nt*	)ho161m	333	22	12/01/93
17	er164 (n,p*	)ho164m	403	92	12/01/93
18	er164 (n,d*	)ho163m	404	60	12/01/93
19	er164 (n,t*	)ho162m	405	53	12/01/93

1	er165 (n,2n	)er164	16	28	12/01/93
2	er165 (n,3n	)er163	17	17	12/01/93
3	er165 (n,na	)dy161	22	81	12/01/93
4	er165 (n,np	)ho164	28	40	12/01/93
5	er165 (n,nd	)ho163	32	34	12/01/93
6	er165 (n,nt	)ho162	33	25	12/01/93
7	er165 (n,g	)er166	102	390	12/01/93
8	er165 (n,p	)ho165	103	91	12/01/93
9	er165 (n,d	)ho164	104	61	12/01/93
10	er165 (n,t	)ho163	105	58	12/01/93
11	er165 (n,h	)dy163	106	29	12/01/93
12	er165 (n,a	)dy162	107	78	12/01/93

#	target	product	mt	# engeries	date
13	er165 (n,2p)	)dy164	111	30	12/01/93
14	er165 (n,np*)	)ho164m	328	39	12/01/93
15	er165 (n,nd*)	)ho163m	332	32	12/01/93
16	er165 (n,nt*)	)ho162m	333	23	12/01/93
17	er165 (n,d*)	)ho164m	404	61	12/01/93
18	er165 (n,t*)	)ho163m	405	58	12/01/93

#	target	product	mt	# engeries	date
1	er166 (n,2n)	)er165	16	32	12/01/93
2	er166 (n,3n)	)er164	17	20	12/01/93
3	er166 (n,na)	)dy162	22	73	12/01/93
4	er166 (n,np)	)ho165	28	45	12/01/93
5	er166 (n,nd)	)ho164	32	26	12/01/93
6	er166 (n,nt)	)ho163	33	24	12/01/93
7	er166 (n,g)	)er167	102	8798	12/01/93
8	er166 (n,p)	)ho166	103	80	12/01/93
9	er166 (n,d)	)ho165	104	58	12/01/93
10	er166 (n,t)	)ho164	105	53	12/01/93
11	er166 (n,h)	)dy164	106	25	12/01/93
12	er166 (n,a)	)dy163	107	70	12/01/93
13	er166 (n,2p)	)dy165	111	23	12/01/93
14	er166 (n,nd*)	)ho164m	332	26	12/01/93
15	er166 (n,nt*)	)ho163m	333	24	12/01/93
16	er166 (n,g*)	)er167m	402	8801	12/01/93
17	er166 (n,p*)	)ho166m	403	80	12/01/93
18	er166 (n,t*)	)ho164m	405	51	12/01/93
19	er166 (n,2p*)	)dy165m	411	23	12/01/93

1	er167 (n,n)	)er167	4	1	12/01/93
2	er167 (n,2n)	)er166	16	40	12/01/93
3	er167 (n,3n)	)er165	17	18	12/01/93
4	er167 (n,na)	)dy163	22	78	12/01/93
5	er167 (n,np)	)ho166	28	41	12/01/93
6	er167 (n,nd)	)ho165	32	32	12/01/93
7	er167 (n,nt)	)ho164	33	25	12/01/93
8	er167 (n,g)	)er168	102	5093	12/01/93
9	er167 (n,p)	)ho167	103	91	12/01/93
10	er167 (n,d)	)ho166	104	56	12/01/93
11	er167 (n,t)	)ho165	105	57	12/01/93
12	er167 (n,h)	)dy165	106	21	12/01/93
13	er167 (n,a)	)dy164	107	77	12/01/93
14	er167 (n,2p)	)dy166	111	25	12/01/93
15	er167 (n,n*)	)er167m	304	45	12/01/93
16	er167 (n,np*)	)ho166m	328	41	12/01/93
17	er167 (n,nt*)	)ho164m	333	24	12/01/93
18	er167 (n,d*)	)ho166m	404	56	12/01/93
19	er167 (n,h*)	)dy165m	406	21	12/01/93

#	target	product	mt	# engeries	date
1	er168 (n,2n)	)er167	16	38	12/01/93
2	er168 (n,3n)	)er166	17	23	12/01/93
3	er168 (n,na)	)dy164	22	67	12/01/93
4	er168 (n,np)	)ho167	28	42	12/01/93
5	er168 (n,nd)	)ho166	32	26	12/01/93
6	er168 (n,nt)	)ho165	33	26	12/01/93
7	er168 (n,g)	)er169	102	13139	12/01/93
8	er168 (n,p)	)ho168	103	77	12/01/93
9	er168 (n,d)	)ho167	104	55	12/01/93
10	er168 (n,t)	)ho166	105	53	12/01/93
11	er168 (n,h)	)dy166	106	19	12/01/93
12	er168 (n,a)	)dy165	107	64	12/01/93
13	er168 (n,2n*)	)er167m	316	35	12/01/93
14	er168 (n,nd*)	)ho166m	332	26	12/01/93
15	er168 (n,t*)	)ho166m	405	53	12/01/93
16	er168 (n,a*)	)dy165m	407	64	12/01/93

1	er169 (n,2n)	)er168	16	37	12/01/93
2	er169 (n,3n)	)er167	17	23	12/01/93
3	er169 (n,na)	)dy165	22	71	12/01/93
4	er169 (n,np)	)ho168	28	44	12/01/93
5	er169 (n,nd)	)ho167	32	33	12/01/93
6	er169 (n,nt)	)ho166	33	28	12/01/93

#	target	product	mt	# enseries	date
7	er169 (n,g)	)er170	102	395	12/01/93
8	er169 (n,p)	)ho169	103	80	12/01/93
9	er169 (n,d)	)ho168	104	56	12/01/93
10	er169 (n,t)	)ho167	105	55	12/01/93
11	er169 (n,h)	)dy167	106	17	12/01/93
12	er169 (n,a)	)dy166	107	70	12/01/93
13	er169 (n,2p)	)dy168	111	19	12/01/93
14	er169 (n,3n*)	)er167m	317	19	12/01/93
15	er169 (n,na*)	)dy165m	322	71	12/01/93
16	er169 (n,nt*)	)ho166m	333	28	12/01/93

1	er170 (n,2n)	)er169	16	42	12/01/93
2	er170 (n,3n)	)er168	17	26	12/01/93
3	er170 (n,na)	)dy166	22	44	12/01/93
4	er170 (n,np)	)ho169	28	42	12/01/93
5	er170 (n,nd)	)ho168	32	27	12/01/93
6	er170 (n,nt)	)ho167	33	28	12/01/93
7	er170 (n,rh)	)dy167	34	2	12/01/93
8	er170 (n,g)	)er171	102	13146	12/01/93
9	er170 (n,p)	)ho170	103	68	12/01/93
10	er170 (n,d)	)ho169	104	54	12/01/93
11	er170 (n,t)	)ho168	105	53	12/01/93
12	er170 (n,h)	)dy168	106	15	12/01/93
13	er170 (n,a)	)dy167	107	62	12/01/93
14	er170 (n,2p)	)dy169	111	11	12/01/93
15	er170 (n,p*)	)ho170m	403	68	12/01/93

#	target	product	mt	# enseries	date
1	er171 (n,2n)	)er170	16	42	12/01/93
2	er171 (n,3n)	)er169	17	22	12/01/93
3	er171 (n,na)	)dy167	22	69	12/01/93
4	er171 (n,np)	)ho170	28	39	12/01/93
5	er171 (n,nd)	)ho169	32	32	12/01/93
6	er171 (n,nt)	)ho168	33	30	12/01/93
7	er171 (n,g)	)er172	102	400	12/01/93
8	er171 (n,p)	)ho171	103	73	12/01/93
9	er171 (n,d)	)ho170	104	52	12/01/93
10	er171 (n,t)	)ho169	105	56	12/01/93
11	er171 (n,h)	)dy169	106	13	12/01/93
12	er171 (n,a)	)dy168	107	67	12/01/93
13	er171 (n,2p)	)dy170	111	15	12/01/93
14	er171 (n,np*)	)ho170m	328	37	12/01/93
15	er171 (n,d*)	)ho170m	404	52	12/01/93

1	er172 (n,2n)	)er171	16	47	12/01/93
2	er172 (n,3n)	)er170	17	22	12/01/93
3	er172 (n,na)	)dy168	22	60	12/01/93
4	er172 (n,np)	)ho171	28	41	12/01/93
5	er172 (n,nd)	)ho170	32	26	12/01/93
6	er172 (n,nt)	)ho169	33	29	12/01/93
7	er172 (n,g)	)er173	102	389	12/01/93
8	er172 (n,p)	)ho172	103	61	12/01/93
9	er172 (n,d)	)ho171	104	52	12/01/93
10	er172 (n,t)	)ho170	105	51	12/01/93
11	er172 (n,h)	)dy170	106	11	12/01/93
12	er172 (n,a)	)dy169	107	59	12/01/93
13	er172 (n,2p)	)dy171	111	4	12/01/93
14	er172 (n,nd*)	)ho170m	332	26	12/01/93
15	er172 (n,t*)	)ho170m	405	51	12/01/93

#	target	product	mt	# enseries	date
1	tm165 (n,2n)	)tm164	16	25	12/01/93
2	tm165 (n,3n)	)tm163	17	18	12/01/93
3	tm165 (n,na)	)ho161	22	79	12/01/93
4	tm165 (n,np)	)er164	28	52	12/01/93
5	tm165 (n,nd)	)er163	32	31	12/01/93
6	tm165 (n,nt)	)er162	33	34	12/01/93
7	tm165 (n,g)	)tm166	102	403	12/01/93
8	tm165 (n,p)	)er165	103	88	12/01/93
9	tm165 (n,d)	)er164	104	74	12/01/93
10	tm165 (n,t)	)er163	105	59	12/01/93
11	tm165 (n,h)	)ho163	106	35	12/01/93

#	target	product	mt	# enseries	date
12	tm165 (n,a	)ho162	107	80	12/01/93
13	tm165 (n,2p	)ho164	111	34	12/01/93
14	tm165 (n,2n*	)tm164m	316	25	12/01/93
15	tm165 (n,na*	)ho161m	322	79	12/01/93
16	tm165 (n,h*	)ho163m	406	35	12/01/93
17	tm165 (n,a*	)ho162m	407	80	12/01/93
18	tm165 (n,2p*	)ho164m	411	34	12/01/93
1	tm166 (n,2n	)tm165	16	25	12/01/93
2	tm166 (n,3n	)tm164	17	16	12/01/93
3	tm166 (n,na	)ho162	22	89	12/01/93
4	tm166 (n,np	)er165	28	47	12/01/93
5	tm166 (n,nd	)er164	32	40	12/01/93
6	tm166 (n,nt	)er163	33	34	12/01/93
7	tm166 (n,g	)tm167	102	400	12/01/93
8	tm166 (n,p	)er166	103	85	12/01/93
9	tm166 (n,d	)er165	104	70	12/01/93
10	tm166 (n,t	)er164	105	68	12/01/93
11	tm166 (n,h	)ho164	106	33	12/01/93
12	tm166 (n,a	)ho163	107	84	12/01/93
13	tm166 (n,2p	)ho165	111	36	12/01/93
14	tm166 (n,3n*	)tm164m	317	16	12/01/93
15	tm166 (n,na*	)ho162m	322	89	12/01/93
16	tm166 (n,h*	)ho164m	406	33	12/01/93
17	tm166 (n,a*	)ho163m	407	84	12/01/93

#	target	product	mt	# enseries	date
1	tm167 (n,2n	)tm166	16	30	12/01/93
2	tm167 (n,3n	)tm165	17	20	12/01/93
3	tm167 (n,na	)ho163	22	76	12/01/93
4	tm167 (n,np	)er166	28	52	12/01/93
5	tm167 (n,nd	)er165	32	30	12/01/93
6	tm167 (n,nt	)er164	33	34	12/01/93
7	tm167 (n,g	)tm168	102	406	12/01/93
8	tm167 (n,p	)er167	103	89	12/01/93
9	tm167 (n,d	)er166	104	69	12/01/93
10	tm167 (n,t	)er165	105	59	12/01/93
11	tm167 (n,h	)ho165	106	29	12/01/93
12	tm167 (n,a	)ho164	107	77	12/01/93
13	tm167 (n,2p	)ho166	111	29	12/01/93
14	tm167 (n,na*	)ho163m	322	76	12/01/93
15	tm167 (n,p*	)er167m	403	89	12/01/93
16	tm167 (n,a*	)ho164m	407	77	12/01/93
17	tm167 (n,2p*	)ho166m	411	29	12/01/93

1	tm168 (n,2n	)tm167	16	33	12/01/93
2	tm168 (n,3n	)tm166	17	18	12/01/93
3	tm168 (n,na	)ho164	22	82	12/01/93
4	tm168 (n,np	)er167	28	46	12/01/93
5	tm168 (n,nd	)er166	32	39	12/01/93
6	tm168 (n,nt	)er165	33	33	12/01/93
7	tm168 (n,g	)tm169	102	400	12/01/93
8	tm168 (n,p	)er168	103	90	12/01/93
9	tm168 (n,d	)er167	104	66	12/01/93
10	tm168 (n,t	)er166	105	65	12/01/93
11	tm168 (n,h	)ho166	106	27	12/01/93
12	tm168 (n,a	)ho165	107	81	12/01/93
13	tm168 (n,2p	)ho167	111	31	12/01/93
14	tm168 (n,na*	)ho164m	322	82	12/01/93
15	tm168 (n,np*	)er167m	328	43	12/01/93
16	tm168 (n,d*	)er167m	404	66	12/01/93
17	tm168 (n,h*	)ho166m	406	27	12/01/93

#	target	product	mt	# enseries	date
1	tm169 (n,2n	)tm168	16	32	12/01/93
2	tm169 (n,3n	)tm167	17	20	12/01/93
3	tm169 (n,na	)ho165	22	72	12/01/93
4	tm169 (n,np	)er168	28	48	12/01/93
5	tm169 (n,nd	)er167	32	32	12/01/93
6	tm169 (n,nt	)er166	33	35	12/01/93
7	tm169 (n,g	)tm170	102	28028	12/01/93
8	tm169 (n,p	)er169	103	92	12/01/93

#	target	product	mt	# engseries	date
9	tm169 (n,d)	)er168	104	65	12/01/93
10	tm169 (n,t)	)er167	105	59	12/01/93
11	tm169 (n,h)	)ho167	106	23	12/01/93
12	tm169 (n,a)	)ho166	107	68	12/01/93
13	tm169 (n,2p)	)ho168	111	25	12/01/93
14	tm169 (n,nd*)	)er167m	332	32	12/01/93
15	tm169 (n,t*)	)er167m	405	57	12/01/93
16	tm169 (n,a*)	)ho166m	407	68	12/01/93

1	tm170 (n,2n)	)tm169	16	33	12/01/93
2	tm170 (n,3n)	)tm168	17	22	12/01/93
3	tm170 (n,na)	)ho166	22	75	12/01/93
4	tm170 (n,np)	)er169	28	43	12/01/93
5	tm170 (n,nd)	)er168	32	40	12/01/93
6	tm170 (n,nt)	)er167	33	34	12/01/93
7	tm170 (n,g)	)tm171	102	2585	12/01/93
8	tm170 (n,p)	)er170	103	91	12/01/93
9	tm170 (n,d)	)er169	104	63	12/01/93
10	tm170 (n,t)	)er168	105	64	12/01/93
11	tm170 (n,h)	)ho168	106	21	12/01/93
12	tm170 (n,a)	)ho167	107	73	12/01/93
13	tm170 (n,2p)	)ho169	111	24	12/01/93
14	tm170 (n,na*)	)ho166m	322	75	12/01/93
15	tm170 (n,nt*)	)er167m	333	34	12/01/93

1	tm171 (n,2n)	)tm170	16	36	12/01/93
2	tm171 (n,3n)	)tm169	17	22	12/01/93
3	tm171 (n,na)	)ho167	22	67	12/01/93
4	tm171 (n,np)	)er170	28	47	12/01/93
5	tm171 (n,nd)	)er169	32	33	12/01/93
6	tm171 (n,nt)	)er168	33	36	12/01/93
7	tm171 (n,g)	)tm172	102	1278	12/01/93
8	tm171 (n,p)	)er171	103	87	12/01/93
9	tm171 (n,d)	)er170	104	62	12/01/93
10	tm171 (n,t)	)er169	105	57	12/01/93
11	tm171 (n,h)	)ho169	106	17	12/01/93
12	tm171 (n,a)	)ho168	107	67	12/01/93
13	tm171 (n,2p)	)ho170	111	17	12/01/93
14	tm171 (n,2p*)	)ho170m	411	17	12/01/93

#	target	product	mt	# engseries	date
1	tm172 (n,2n)	)tm171	16	39	12/01/93
2	tm172 (n,3n)	)tm170	17	24	12/01/93
3	tm172 (n,na)	)ho168	22	69	12/01/93
4	tm172 (n,np)	)er171	28	45	12/01/93
5	tm172 (n,nd)	)er170	32	39	12/01/93
6	tm172 (n,nt)	)er169	33	35	12/01/93
7	tm172 (n,g)	)tm173	102	408	12/01/93
8	tm172 (n,p)	)er172	103	92	12/01/93
9	tm172 (n,d)	)er171	104	59	12/01/93
10	tm172 (n,t)	)er170	105	61	12/01/93
11	tm172 (n,h)	)ho170	106	15	12/01/93
12	tm172 (n,a)	)ho169	107	67	12/01/93
13	tm172 (n,2p)	)ho171	111	19	12/01/93
14	tm172 (n,h*)	)ho170m	406	15	12/01/93

1	ybl66 (n,2n)	)yb165	16	24	12/01/93
2	ybl66 (n,3n)	)yb164	17	18	12/01/93
3	ybl66 (n,na)	)er162	22	85	12/01/93
4	ybl66 (n,np)	)tm165	28	46	12/01/93
5	ybl66 (n,nd)	)tm164	32	27	12/01/93
6	ybl66 (n,nt)	)tm163	33	22	12/01/93
7	ybl66 (n,g)	)yb167	102	390	12/01/93
8	ybl66 (n,p)	)tm166	103	93	12/01/93
9	ybl66 (n,d)	)tm165	104	64	12/01/93
10	ybl66 (n,t)	)tm164	105	53	12/01/93
11	ybl66 (n,h)	)er164	106	37	12/01/93
12	ybl66 (n,a)	)er163	107	80	12/01/93
13	ybl66 (n,2p)	)er165	111	32	12/01/93
14	ybl66 (n,nd*)	)tm164m	332	27	12/01/93
15	ybl66 (n,t*)	)tm164m	405	53	12/01/93

#	target	product	mt	# enseries	date
1	ybl68 (n,2n)	)yb167	16	27	12/01/93
2	ybl68 (n,3n)	)yb166	17	18	12/01/93
3	ybl68 (n,na)	)er164	22	76	12/01/93
4	ybl68 (n,np)	)tm167	28	46	12/01/93
5	ybl68 (n,nd)	)tm166	32	27	12/01/93
6	ybl68 (n,nt)	)tm165	33	23	12/01/93
7	ybl68 (n,g)	)yb169	102	1580	12/01/93
8	ybl68 (n,p)	)tm168	103	92	12/01/93
9	ybl68 (n,d)	)tm167	104	62	12/01/93
10	ybl68 (n,t)	)tm166	105	53	12/01/93
11	ybl68 (n,h)	)er166	106	33	12/01/93
12	ybl68 (n,a)	)er165	107	76	12/01/93
13	ybl68 (n,2p)	)er167	111	29	12/01/93
14	ybl68 (n,g*)	)yb169m	402	1580	12/01/93
15	ybl68 (n,2p*)	)er167m	411	29	12/01/93

#	target	product	mt	# enseries	date
1	ybl69 (n,n)	)yb169	4	1	12/01/93
2	ybl69 (n,2n)	)yb168	16	31	12/01/93
3	ybl69 (n,3n)	)yb167	17	16	12/01/93
4	ybl69 (n,na)	)er165	22	89	12/01/93
5	ybl69 (n,np)	)tm168	28	45	12/01/93
6	ybl69 (n,nd)	)tm167	32	34	12/01/93
7	ybl69 (n,nt)	)tm166	33	23	12/01/93
8	ybl69 (n,g)	)yb170	102	3086	12/01/93
9	ybl69 (n,p)	)tm169	103	92	12/01/93
10	ybl69 (n,d)	)tm168	104	61	12/01/93
11	ybl69 (n,t)	)tm167	105	59	12/01/93
12	ybl69 (n,h)	)er167	106	31	12/01/93
13	ybl69 (n,a)	)er166	107	85	12/01/93
14	ybl69 (n,2p)	)er168	111	32	12/01/93
15	ybl69 (n,n*)	)yb169m	304	52	12/01/93
16	ybl69 (n,h*)	)er167m	406	31	12/01/93

1	ybl70 (n,2n)	)yb169	16	29	12/01/93
2	ybl70 (n,3n)	)yb168	17	21	12/01/93
3	ybl70 (n,na)	)er166	22	77	12/01/93
4	ybl70 (n,np)	)tm169	28	46	12/01/93
5	ybl70 (n,nd)	)tm168	32	28	12/01/93
6	ybl70 (n,nt)	)tm167	33	25	12/01/93
7	ybl70 (n,g)	)yb171	102	5475	12/01/93
8	ybl70 (n,p)	)tm170	103	91	12/01/93
9	ybl70 (n,d)	)tm169	104	59	12/01/93
10	ybl70 (n,t)	)tm168	105	55	12/01/93
11	ybl70 (n,h)	)er168	106	27	12/01/93
12	ybl70 (n,a)	)er167	107	73	12/01/93
13	ybl70 (n,2p)	)er169	111	25	12/01/93
14	ybl70 (n,2n*)	)yb169m	316	29	12/01/93
15	ybl70 (n,a*)	)er167m	407	73	12/01/93

1	ybl71 (n,2n)	)yb170	16	30	12/01/93
2	ybl71 (n,3n)	)yb169	17	19	12/01/93
3	ybl71 (n,na)	)er167	22	82	12/01/93
4	ybl71 (n,np)	)tm170	28	44	12/01/93
5	ybl71 (n,nd)	)tm169	32	34	12/01/93
6	ybl71 (n,nt)	)tm168	33	27	12/01/93
7	ybl71 (n,g)	)yb172	102	29802	12/01/93
8	ybl71 (n,p)	)tm171	103	91	12/01/93
9	ybl71 (n,d)	)tm170	104	59	12/01/93
10	ybl71 (n,t)	)tm169	105	59	12/01/93
11	ybl71 (n,h)	)er169	106	25	12/01/93
12	ybl71 (n,a)	)er168	107	80	12/01/93
13	ybl71 (n,2p)	)er170	111	28	12/01/93
14	ybl71 (n,3n*)	)yb169m	317	19	12/01/93
15	ybl71 (n,na*)	)er167m	322	82	12/01/93

#	target	product	mt	# engeries	date
1	ybl72 (n,2n)	)yb171	16	33	12/01/93
2	ybl72 (n,3n)	)yb170	17	22	12/01/93
3	ybl72 (n,na)	)er168	22	69	12/01/93
4	ybl72 (n,np)	)tm171	28	45	12/01/93
5	ybl72 (n,nd)	)tm170	32	28	12/01/93
6	ybl72 (n,nt)	)tm169	33	27	12/01/93
7	ybl72 (n,g)	)yb173	102	12717	12/01/93
8	ybl72 (n,p)	)tm172	103	80	12/01/93
9	ybl72 (n,d)	)tm171	104	57	12/01/93
10	ybl72 (n,t)	)tm170	105	55	12/01/93
11	ybl72 (n,h)	)er170	106	23	12/01/93
12	ybl72 (n,a)	)er169	107	70	12/01/93
13	ybl72 (n,2p)	)er171	111	21	12/01/93

1	ybl73 (n,2n)	)yb172	16	39	12/01/93
2	ybl73 (n,3n)	)yb171	17	21	12/01/93
3	ybl73 (n,na)	)er169	22	76	12/01/93
4	ybl73 (n,np)	)tm172	28	45	12/01/93
5	ybl73 (n,nd)	)tm171	32	33	12/01/93
6	ybl73 (n,nt)	)tm170	33	28	12/01/93
7	ybl73 (n,g)	)yb174	102	27311	12/01/93
8	ybl73 (n,p)	)tm173	103	87	12/01/93
9	ybl73 (n,d)	)tm172	104	57	12/01/93
10	ybl73 (n,t)	)tm171	105	58	12/01/93
11	ybl73 (n,h)	)er171	106	19	12/01/93
12	ybl73 (n,a)	)er170	107	74	12/01/93
13	ybl73 (n,2p)	)er172	111	21	12/01/93

1	ybl74 (n,2n)	)yb173	16	37	12/01/93
2	ybl74 (n,3n)	)yb172	17	25	12/01/93
3	ybl74 (n,na)	)er170	22	65	12/01/93
4	ybl74 (n,np)	)tm173	28	43	12/01/93
5	ybl74 (n,nd)	)tm172	32	29	12/01/93
6	ybl74 (n,nt)	)tm171	33	28	12/01/93
7	ybl74 (n,g)	)yb175	102	6446	12/01/93
8	ybl74 (n,p)	)tm174	103	74	12/01/93
9	ybl74 (n,d)	)tm173	104	56	12/01/93
10	ybl74 (n,t)	)tm172	105	55	12/01/93
11	ybl74 (n,h)	)er172	106	17	12/01/93
12	ybl74 (n,a)	)er171	107	65	12/01/93
13	ybl74 (n,2p)	)er173	111	13	12/01/93

#	target	product	mt	# engeries	date
1	ybl75 (n,2n)	)yb174	16	45	12/01/93
2	ybl75 (n,3n)	)yb173	17	26	12/01/93
3	ybl75 (n,na)	)er171	22	70	12/01/93
4	ybl75 (n,np)	)tm174	28	43	12/01/93
5	ybl75 (n,nd)	)tm173	32	34	12/01/93
6	ybl75 (n,nt)	)tm172	33	30	12/01/93
7	ybl75 (n,g)	)yb176	102	400	12/01/93
8	ybl75 (n,p)	)tm175	103	76	12/01/93
9	ybl75 (n,d)	)tm174	104	56	12/01/93
10	ybl75 (n,t)	)tm173	105	58	12/01/93
11	ybl75 (n,h)	)er173	106	15	12/01/93
12	ybl75 (n,a)	)er172	107	71	12/01/93
13	ybl75 (n,2p)	)er174	111	17	12/01/93
14	ybl75 (n,g ^a)	)yb176m	402	400	12/01/93

1	ybl76 (n,n)	)yb176	4	1	12/01/93
2	ybl76 (n,2n)	)yb175	16	49	12/01/93
3	ybl76 (n,3n)	)yb174	17	26	12/01/93
4	ybl76 (n,na)	)er172	22	63	12/01/93
5	ybl76 (n,np)	)tm175	28	43	12/01/93
6	ybl76 (n,nd)	)tm174	32	30	12/01/93
7	ybl76 (n,nt)	)tm173	33	30	12/01/93
8	ybl76 (n,g)	)yb177	102	4975	12/01/93
9	ybl76 (n,p)	)tm176	103	66	12/01/93
10	ybl76 (n,d)	)tm175	104	54	12/01/93
11	ybl76 (n,t)	)tm174	105	53	12/01/93
12	ybl76 (n,h)	)er174	106	13	12/01/93

#	target	product	mt	# engeries	date
13	ybl76 (n,a	)er173	107	59	12/01/93
14	ybl76 (n,2p	)er175	111	11	12/01/93
15	ybl76 (n,n*	)yb176m	304	77	12/01/93
16	ybl76 (n,g*	)yb177m	402	4973	12/01/93

#	target	product	mt	# engeries	date
1	lu169 (n,n	)lu169	4	1	12/01/93
2	lu169 (n,2n	)lu168	16	26	12/01/93
3	lu169 (n,3n	)lu167	17	15	12/01/93
4	lu169 (n,na	)tm165	22	84	12/01/93
5	lu169 (n,np	)yb168	28	52	12/01/93
6	lu169 (n,nd	)yb167	32	35	12/01/93
7	lu169 (n,nt	)yb166	33	36	12/01/93
8	lu169 (n,g	)lu170	102	402	12/01/93
9	lu169 (n,p	)yb169	103	88	12/01/93
10	lu169 (n,d	)yb168	104	78	12/01/93
11	lu169 (n,t	)yb167	105	62	12/01/93
12	lu169 (n,h	)tm167	106	37	12/01/93
13	lu169 (n,a	)tm166	107	79	12/01/93
14	lu169 (n,2p	)tm168	111	35	12/01/93
15	lu169 (n,n*	)lu169m	304	48	12/01/93
16	lu169 (n,2n*	)lu168m	316	24	12/01/93
17	lu169 (n,g*	)lu170m	402	402	12/01/93
18	lu169 (n,p*	)yb169m	403	88	12/01/93

1	lu170 (n,n	)lu170	4	1	12/01/93
2	lu170 (n,2n	)lu169	16	24	12/01/93
3	lu170 (n,3n	)lu168	17	19	12/01/93
4	lu170 (n,na	)tm166	22	88	12/01/93
5	lu170 (n,np	)yb169	28	49	12/01/93
6	lu170 (n,nd	)yb168	32	42	12/01/93
7	lu170 (n,nt	)yb167	33	33	12/01/93
8	lu170 (n,g	)lu171	102	402	12/01/93
9	lu170 (n,p	)yb170	103	86	12/01/93
10	lu170 (n,d	)yb169	104	71	12/01/93
11	lu170 (n,t	)yb168	105	69	12/01/93
12	lu170 (n,h	)tm168	106	35	12/01/93
13	lu170 (n,a	)tm167	107	83	12/01/93
14	lu170 (n,2p	)tm169	111	36	12/01/93
15	lu170 (n,n*	)lu170m	304	48	12/01/93
16	lu170 (n,2n*	)lu169m	316	24	12/01/93
17	lu170 (n,3n*	)lu168m	317	15	12/01/93
18	lu170 (n,np*	)yb169m	328	49	12/01/93
19	lu170 (n,g*	)lu171m	402	402	12/01/93
20	lu170 (n,d*	)yb169m	404	71	12/01/93

#	target	product	mt	# engeries	date
1	lu171 (n,n	)lu171	4	1	12/01/93
2	lu171 (n,2n	)lu170	16	26	12/01/93
3	lu171 (n,3n	)lu169	17	16	12/01/93
4	lu171 (n,na	)tm167	22	79	12/01/93
5	lu171 (n,np	)yb170	28	52	12/01/93
6	lu171 (n,nd	)yb169	32	32	12/01/93
7	lu171 (n,nt	)yb168	33	35	12/01/93
8	lu171 (n,g	)lu172	102	401	12/01/93
9	lu171 (n,p	)yb171	103	90	12/01/93
10	lu171 (n,d	)yb170	104	71	12/01/93
11	lu171 (n,t	)yb169	105	62	12/01/93
12	lu171 (n,h	)tm169	106	31	12/01/93
13	lu171 (n,a	)tm168	107	79	12/01/93
14	lu171 (n,2p	)tm170	111	31	12/01/93
15	lu171 (n,n*	)lu171m	304	51	12/01/93
16	lu171 (n,2n*	)lu170m	316	26	12/01/93
17	lu171 (n,3n*	)lu169m	317	16	12/01/93
18	lu171 (n,nd*	)yb169m	332	33	12/01/93
19	lu171 (n,g*	)lu172m	402	401	12/01/93
20	lu171 (n,t*	)yb169m	405	62	12/01/93

#	target	product	mt	# engeries	date
1	lu172 (n,n	)lu172	4	1	12/01/93
2	lu172 (n,2n	)lu171	16	27	12/01/93
3	lu172 (n,3n	)lu170	17	18	12/01/93
4	lu172 (n,na	)tm168	22	81	12/01/93
5	lu172 (n,np	)yb171	28	50	12/01/93
6	lu172 (n,nd	)yb170	32	41	12/01/93
7	lu172 (n,nt	)yb169	33	34	12/01/93
8	lu172 (n,g	)lu173	102	399	12/01/93
9	lu172 (n,p	)yb172	103	89	12/01/93
10	lu172 (n,d	)yb171	104	69	12/01/93
11	lu172 (n,t	)yb170	105	68	12/01/93
12	lu172 (n,h	)tm170	106	31	12/01/93
13	lu172 (n,a	)tm169	107	84	12/01/93
14	lu172 (n,2p	)tm171	111	34	12/01/93
15	lu172 (n,n*	)lu172m	304	52	12/01/93
16	lu172 (n,2n*	)lu171m	316	27	12/01/93
17	lu172 (n,3n*	)lu170m	317	18	12/01/93
18	lu172 (n,nt*	)yb169m	333	34	12/01/93

#	target	product	mt	# engeries	date
1	lu173 (n,2n	)lu172	16	31	12/01/93
2	lu173 (n,3n	)lu171	17	21	12/01/93
3	lu173 (n,na	)tm169	22	76	12/01/93
4	lu173 (n,np	)yb172	28	52	12/01/93
5	lu173 (n,nd	)yb171	32	33	12/01/93
6	lu173 (n,nt	)yb170	33	35	12/01/93
7	lu173 (n,g	)lu174	102	404	12/01/93
8	lu173 (n,p	)yb173	103	90	12/01/93
9	lu173 (n,d	)yb172	104	69	12/01/93
10	lu173 (n,t	)yb171	105	62	12/01/93
11	lu173 (n,h	)tm171	106	27	12/01/93
12	lu173 (n,a	)tm170	107	76	12/01/93
13	lu173 (n,2p	)tm172	111	28	12/01/93
14	lu173 (n,2n*	)lu172m	316	31	12/01/93
15	lu173 (n,3n*	)lu171m	317	21	12/01/93
16	lu173 (n,g*	)lu174m	402	404	12/01/93

1	lu174 (n,n	)lu174	4	1	12/01/93
2	lu174 (n,2n	)lu173	16	33	12/01/93
3	lu174 (n,3n	)lu172	17	18	12/01/93
4	lu174 (n,na	)tm170	22	79	12/01/93
5	lu174 (n,np	)yb173	28	47	12/01/93
6	lu174 (n,nd	)yb172	32	41	12/01/93
7	lu174 (n,nt	)yb171	33	35	12/01/93
8	lu174 (n,g	)lu175	102	403	12/01/93
9	lu174 (n,p	)yb174	103	90	12/01/93
10	lu174 (n,d	)yb173	104	68	12/01/93
11	lu174 (n,t	)yb172	105	67	12/01/93
12	lu174 (n,h	)tm172	106	25	12/01/93
13	lu174 (n,a	)tm171	107	81	12/01/93
14	lu174 (n,2p	)tm173	111	27	12/01/93
15	lu174 (n,n*	)lu174m	304	53	12/01/93
16	lu174 (n,3n*	)lu172m	317	18	12/01/93

1	lu174m(n,n	)lu174	4	54	12/01/93
2	lu174m(n,2n	)lu173	16	33	12/01/93
3	lu174m(n,3n	)lu172	17	18	12/01/93
4	lu174m(n,na	)tm170	22	79	12/01/93
5	lu174m(n,np	)yb173	28	44	12/01/93
6	lu174m(n,nd	)yb172	32	38	12/01/93
7	lu174m(n,nt	)yb171	33	35	12/01/93
8	lu174m(n,g	)lu175	102	403	12/01/93
9	lu174m(n,p	)yb174	103	90	12/01/93
10	lu174m(n,d	)yb173	104	68	12/01/93
11	lu174m(n,t	)yb172	105	67	12/01/93
12	lu174m(n,h	)tm172	106	25	12/01/93
13	lu174m(n,a	)tm171	107	81	12/01/93
14	lu174m(n,2p	)tm173	111	27	12/01/93
15	lu174m(n,3n*	)lu172m	317	18	12/01/93

#	target	product	mt	# engeries	date
1	lu175 (n,2n)	)lu174	16	27	12/01/93
2	lu175 (n,3n)	)lu173	17	7	12/01/93
3	lu175 (n,na)	)tm171	22	69	12/01/93
4	lu175 (n,np)	)yb174	28	48	12/01/93
5	lu175 (n,nd)	)yb173	32	34	12/01/93
6	lu175 (n,nt)	)yb172	33	37	12/01/93
7	lu175 (n,g)	)lu176	102	3268	12/01/93
8	lu175 (n,p)	)yb175	103	92	12/01/93
9	lu175 (n,d)	)yb174	104	67	12/01/93
10	lu175 (n,t)	)yb173	105	59	12/01/93
11	lu175 (n,h)	)tm173	106	21	12/01/93
12	lu175 (n,a)	)tm172	107	71	12/01/93
13	lu175 (n,2p)	)tm174	111	21	12/01/93
14	lu175 (n,2n*)	)lu174m	316	26	12/01/93
15	lu175 (n,g*)	)lu176m	402	3267	12/01/93

1	lu176 (n,n)	)lu176	4	1	12/01/93
2	lu176 (n,2n)	)lu175	16	28	12/01/93
3	lu176 (n,3n)	)lu174	17	18	12/01/93
4	lu176 (n,na)	)tm172	22	74	12/01/93
5	lu176 (n,np)	)yb175	28	44	12/01/93
6	lu176 (n,nd)	)yb174	32	40	12/01/93
7	lu176 (n,nt)	)yb173	33	37	12/01/93
8	lu176 (n,g)	)lu177	102	3707	12/01/93
9	lu176 (n,p)	)yb176	103	91	12/01/93
10	lu176 (n,d)	)yb175	104	63	12/01/93
11	lu176 (n,t)	)yb174	105	67	12/01/93
12	lu176 (n,h)	)tm174	106	19	12/01/93
13	lu176 (n,a)	)tm173	107	73	12/01/93
14	lu176 (n,2p)	)tm175	111	23	12/01/93
15	lu176 (n,n*)	)lu176m	304	46	12/01/93
16	lu176 (n,3n*)	)lu174m	317	17	12/01/93
17	lu176 (n,g*)	)lu177m	402	3703	12/01/93
18	lu176 (n,p*)	)yb176m	403	91	12/01/93

#	target	product	mt	# engeries	date
1	lu177 (n,n)	)lu177	4	1	12/01/93
2	lu177 (n,2n)	)lu176	16	39	12/01/93
3	lu177 (n,3n)	)lu175	17	26	12/01/93
4	lu177 (n,na)	)tm173	22	67	12/01/93
5	lu177 (n,np)	)yb176	28	47	12/01/93
6	lu177 (n,nd)	)yb175	32	35	12/01/93
7	lu177 (n,nt)	)yb174	33	37	12/01/93
8	lu177 (n,g)	)lu178	102	415	12/01/93
9	lu177 (n,p)	)yb177	103	81	12/01/93
10	lu177 (n,d)	)yb176	104	60	12/01/93
11	lu177 (n,t)	)yb175	105	59	12/01/93
12	lu177 (n,h)	)tm175	106	17	12/01/93
13	lu177 (n,a)	)tm174	107	64	12/01/93
14	lu177 (n,2p)	)tm176	111	17	12/01/93
15	lu177 (n,n*)	)lu177m	304	51	12/01/93
16	lu177 (n,2n*)	)lu176m	316	39	12/01/93
17	lu177 (n,np*)	)yb176m	328	43	12/01/93
18	lu177 (n,g*)	)lu178m	402	415	12/01/93
19	lu177 (n,p*)	)yb177m	403	81	12/01/93
20	lu177 (n,d*)	)yb176m	404	56	12/01/93

1	lu177m(n,n)	)lu177	4	31	12/01/93
2	lu177m(n,2n)	)lu176	16	34	12/01/93
3	lu177m(n,3n)	)lu175	17	18	12/01/93
4	lu177m(n,na)	)tm173	22	67	12/01/93
5	lu177m(n,np)	)yb176	28	42	12/01/93
6	lu177m(n,nd)	)yb175	32	31	12/01/93
7	lu177m(n,nt)	)yb174	33	37	12/01/93
8	lu177m(n,g)	)lu178	102	415	12/01/93
9	lu177m(n,p)	)yb177	103	73	12/01/93
10	lu177m(n,d)	)yb176	104	58	12/01/93
11	lu177m(n,t)	)yb175	105	55	12/01/93
12	lu177m(n,h)	)tm175	106	17	12/01/93
13	lu177m(n,a)	)tm174	107	64	12/01/93
14	lu177m(n,2p)	)tm176	111	17	12/01/93
15	lu177m(n,2n*)	)lu176m	316	34	12/01/93
16	lu177m(n,np*)	)yb176m	328	39	12/01/93

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#	target	product	mt	# enseries	date
17	lu177m(n,g*	ylui78m	402	415	12/01/93
18	lu177m(n,p*	yyb177m	403	73	12/01/93
19	lu177m(n,d*	yyb176m	404	52	12/01/93

Appendix A-8

List of Reactions on files *.hf.po

#	target	product	mt	# engseries	date
1	hf174 (n,2n)	)hf173	16	30	12/01/93
2	hf174 (n,3n)	)hf172	17	19	12/01/93
3	hf174 (n,na)	)yb170	22	76	12/01/93
4	hf174 (n,np)	)lu173	28	46	12/01/93
5	hf174 (n,nd)	)lu172	32	30	12/01/93
6	hf174 (n,nt)	)lu171	33	26	12/01/93
7	hf174 (n,g)	)hf175	102	4456	12/01/93
8	hf174 (n,p)	)lu174	103	93	12/01/93
9	hf174 (n,d)	)lu173	104	62	12/01/93
10	hf174 (n,t)	)lu172	105	55	12/01/93
11	hf174 (n,h)	)yb172	106	31	12/01/93
12	hf174 (n,a)	)yb171	107	76	12/01/93
13	hf174 (n,2p)	)yb173	111	28	12/01/93
14	hf174 (n,nd*)	)lu172m	332	30	12/01/93
15	hf174 (n,nt*)	)lu171m	333	26	12/01/93
16	hf174 (n,p*)	)lu174m	403	93	12/01/93
17	hf174 (n,t*)	)lu172m	405	55	12/01/93

1	hf175 (n,2n)	)hf174	16	32	12/01/93
2	hf175 (n,3n)	)hf173	17	17	12/01/93
3	hf175 (n,na)	)yb171	22	82	12/01/93
4	hf175 (n,np)	)lu174	28	46	12/01/93
5	hf175 (n,nd)	)lu173	32	36	12/01/93
6	hf175 (n,nt)	)lu172	33	26	12/01/93
7	hf175 (n,g)	)hf176	102	392	12/01/93
8	hf175 (n,p)	)lu175	103	92	12/01/93
9	hf175 (n,d)	)lu174	104	62	12/01/93
10	hf175 (n,t)	)lu173	105	60	12/01/93
11	hf175 (n,h)	)yb173	106	29	12/01/93
12	hf175 (n,a)	)yb172	107	87	12/01/93
13	hf175 (n,2p)	)yb174	111	31	12/01/93
14	hf175 (n,np*)	)lu174m	328	46	12/01/93
15	hf175 (n,nt*)	)lu172m	333	26	12/01/93
16	hf175 (n,d*)	)lu174m	404	62	12/01/93

#	target	product	mt	# engseries	date
1	hf176 (n,2n)	)hf175	16	33	12/01/93
2	hf176 (n,3n)	)hf174	17	20	12/01/93
3	hf176 (n,na)	)yb172	22	73	12/01/93
4	hf176 (n,np)	)lu175	28	48	12/01/93
5	hf176 (n,nd)	)lu174	32	30	12/01/93
6	hf176 (n,nt)	)lu173	33	27	12/01/93
7	hf176 (n,g)	)hf177	102	1282	12/01/93
8	hf176 (n,p)	)lu176	103	86	12/01/93
9	hf176 (n,d)	)lu175	104	60	12/01/93
10	hf176 (n,t)	)lu174	105	55	12/01/93
11	hf176 (n,h)	)yb174	106	27	12/01/93
12	hf176 (n,a)	)yb173	107	73	12/01/93
13	hf176 (n,2p)	)yb175	111	23	12/01/93
14	hf176 (n,nd*)	)lu174m	332	30	12/01/93
15	hf176 (n,g*)	)hf177m	402	1282	12/01/93
16	hf176 (n,p*)	)lu176m	403	84	12/01/93
17	hf176 (n,t*)	)lu174m	405	55	12/01/93
18	hf176 (n,g**)	)hf177n	702	1282	12/01/93

1	hf177 (n,n)	)hf177	4	1	12/01/93
2	hf177 (n,2n)	)hf176	16	40	12/01/93
3	hf177 (n,3n)	)hf175	17	18	12/01/93
4	hf177 (n,na)	)yb173	22	79	12/01/93
5	hf177 (n,np)	)lu176	28	47	12/01/93
6	hf177 (n,nd)	)lu175	32	37	12/01/93
7	hf177 (n,nt)	)lu174	33	29	12/01/93
8	hf177 (n,g)	)hf178	102	1282	12/01/93
9	hf177 (n,p)	)lu177	103	93	12/01/93
10	hf177 (n,d)	)lu176	104	59	12/01/93
11	hf177 (n,t)	)lu175	105	59	12/01/93
12	hf177 (n,h)	)yb175	106	25	12/01/93
13	hf177 (n,a)	)yb174	107	81	12/01/93
14	hf177 (n,2p)	)yb176	111	25	12/01/93

# target	product	mt	# engeries	date
15 hf177 (n,n*)	)hf177m	304	42	12/01/93
16 hf177 (n,np*)	)lu176m	328	47	12/01/93
17 hf177 (n,nt*)	)lu174m	333	29	12/01/93
18 hf177 (n,g*)	)hf178m	402	1281	12/01/93
19 hf177 (n,p*)	)lu177m	403	84	12/01/93
20 hf177 (n,d*)	)lu176m	404	59	12/01/93
21 hf177 (n,2p*)	)yb176m	411	25	12/01/93
22 hf177 (n,n**)	)hf177n	604	41	12/01/93
23 hf177 (n,g**)	)hf178n	702	1282	12/01/93

# target	product	mt	# engeries	date
1 hf178 (n,n)	)hf178	4	1	12/01/93
2 hf178 (n,2n)	)hf177	16	37	12/01/93
3 hf178 (n,3n)	)hf176	17	20	12/01/93
4 hf178 (n,na)	)yb174	22	70	12/01/93
5 hf178 (n,np)	)lu177	28	46	12/01/93
6 hf178 (n,nd)	)lu176	32	31	12/01/93
7 hf178 (n,nt)	)lu175	33	29	12/01/93
8 hf178 (n,g)	)hf179	102	1282	12/01/93
9 hf178 (n,p)	)lu178	103	79	12/01/93
10 hf178 (n,d)	)lu177	104	58	12/01/93
11 hf178 (n,t)	)lu176	105	55	12/01/93
12 hf178 (n,h)	)yb176	106	21	12/01/93
13 hf178 (n,a)	)yb175	107	70	12/01/93
14 hf178 (n,2p)	)yb177	111	19	12/01/93
15 hf178 (n,n*)	)hf178m	304	32	12/01/93
16 hf178 (n,2n*)	)hf177m	316	37	12/01/93
17 hf178 (n,np*)	)lu177m	328	41	12/01/93
18 hf178 (n,nd*)	)lu176m	332	31	12/01/93
19 hf178 (n,g*)	)hf179m	402	1282	12/01/93
20 hf178 (n,p*)	)lu178m	403	77	12/01/93
21 hf178 (n,d*)	)lu177m	404	54	12/01/93
22 hf178 (n,t*)	)lu176m	405	55	12/01/93
23 hf178 (n,h*)	)yb176m	406	21	12/01/93
24 hf178 (n,2p*)	)yb177m	411	19	12/01/93
25 hf178 (n,n**)	)hf178n	604	30	12/01/93
26 hf178 (n,2n**)	)hf177n	616	28	12/01/93
27 hf178 (n,g**)	)hf179n	702	1282	12/01/93

# target	product	mt	# engeries	date
1 hf178m(n,n)	)hf178	4	44	12/01/93
2 hf178m(n,2n)	)hf177	16	40	12/01/93
3 hf178m(n,3n)	)hf176	17	14	12/01/93
4 hf178m(n,na)	)yb174	22	70	12/01/93
5 hf178m(n,np)	)lu177	28	42	12/01/93
6 hf178m(n,nd)	)lu176	32	22	12/01/93
7 hf178m(n,nt)	)lu175	33	23	12/01/93
8 hf178m(n,g)	)hf179	102	1282	12/01/93
9 hf178m(n,p)	)lu178	103	66	12/01/93
10 hf178m(n,d)	)lu177	104	50	12/01/93
11 hf178m(n,t)	)lu176	105	48	12/01/93
12 hf178m(n,h)	)yb176	106	21	12/01/93
13 hf178m(n,a)	)yb175	107	70	12/01/93
14 hf178m(n,2p)	)yb177	111	19	12/01/93
15 hf178m(n,n*)	)hf178m	304	39	12/01/93
16 hf178m(n,2n*)	)hf177m	316	37	12/01/93
17 hf178m(n,np*)	)lu177m	328	31	12/01/93
18 hf178m(n,nd*)	)lu176m	332	21	12/01/93
19 hf178m(n,g*)	)hf179m	402	1282	12/01/93
20 hf178m(n,p*)	)lu178m	403	60	12/01/93
21 hf178m(n,d*)	)lu177m	404	44	12/01/93
22 hf178m(n,t*)	)lu176m	405	45	12/01/93
23 hf178m(n,h*)	)yb176m	406	21	12/01/93
24 hf178m(n,2p*)	)yb177m	411	19	12/01/93
25 hf178m(n,2n**)	)hf177n	616	25	12/01/93
26 hf178m(n,g**)	)hf179n	702	1282	12/01/93

#	target	product	mt	# engeries	date
1	hf179 (n,n	)hf179	4	1	12/01/93
2	hf179 (n,2n	)hf178	16	38	12/01/93
3	hf179 (n,3n	)hf177	17	21	12/01/93
4	hf179 (n,na	)yb175	22	75	12/01/93
5	hf179 (n,np	)lu178	28	46	12/01/93
6	hf179 (n,nd	)lu177	32	35	12/01/93
7	hf179 (n,nt	)lu176	33	29	12/01/93
8	hf179 (n,g	)hf180	102	1281	12/01/93
9	hf179 (n,p	)lu179	103	23	12/01/93
10	hf179 (n,d	)lu178	104	56	12/01/93
11	hf179 (n,t	)lu177	105	58	12/01/93
12	hf179 (n,h	)yb177	106	19	12/01/93
13	hf179 (n,a	)yb176	107	70	12/01/93
14	hf179 (n,2p	)yb178	111	21	12/01/93
15	hf179 (n,n*	)hf179m	304	17	12/01/93
16	hf179 (n,2n*	)hf178m	316	39	12/01/93
17	hf179 (n,3n*	)hf177m	317	21	12/01/93
18	hf179 (n,np*	)lu178m	328	43	12/01/93
19	hf179 (n,nd*	)lu177m	332	31	12/01/93
20	hf179 (n,nt*	)lu176m	333	29	12/01/93
21	hf179 (n,g*	)hf180m	402	1282	12/01/93
22	hf179 (n,d*	)lu178m	404	56	12/01/93
23	hf179 (n,t*	)lu177m	405	56	12/01/93
24	hf179 (n,h*	)yb177m	406	19	12/01/93
25	hf179 (n,a*	)yb176m	407	71	12/01/93
26	hf179 (n,n**	)hf179n	604	79	12/01/93
27	hf179 (n,2n**	)hf178n	616	37	12/01/93
28	hf179 (n,3n**	)hf177n	617	12	12/01/93

#	target	product	mt	# engeries	date
1	hf179m(n,n	)hf179	4	59	12/01/93
2	hf179m(n,2n	)hf178	16	35	12/01/93
3	hf179m(n,3n	)hf177	17	17	12/01/93
4	hf179m(n,na	)yb175	22	75	12/01/93
5	hf179m(n,np	)lu178	28	46	12/01/93
6	hf179m(n,nd	)lu177	32	31	12/01/93
7	hf179m(n,nt	)lu176	33	29	12/01/93
8	hf179m(n,g	)hf180	102	1281	12/01/93
9	hf179m(n,p	)lu179	103	23	12/01/93
10	hf179m(n,d	)lu178	104	54	12/01/93
11	hf179m(n,t	)lu177	105	54	12/01/93
12	hf179m(n,h	)yb177	106	19	12/01/93
13	hf179m(n,a	)yb176	107	70	12/01/93
14	hf179m(n,2p	)yb178	111	21	12/01/93
15	hf179m(n,n*	)hf179m	304	17	12/01/93
16	hf179m(n,2n*	)hf178m	316	39	12/01/93
17	hf179m(n,3n*	)hf177m	317	21	12/01/93
18	hf179m(n,np*	)lu178m	328	39	12/01/93
19	hf179m(n,nd*	)lu177m	332	27	12/01/93
20	hf179m(n,nt*	)lu176m	333	29	12/01/93
21	hf179m(n,g*	)hf180m	402	1282	12/01/93
22	hf179m(n,d*	)lu178m	404	52	12/01/93
23	hf179m(n,t*	)lu177m	405	50	12/01/93
24	hf179m(n,h*	)yb177m	406	19	12/01/93
25	hf179m(n,a*	)yb176m	407	71	12/01/93
26	hf179m(n,2n**	)hf178n	616	34	12/01/93
27	hf179m(n,3n**	)hf177n	617	8	12/01/93

#	target	product	mt	# engeries	date
1	hf180 (n,n	)hf180	4	1	12/01/93
2	hf180 (n,2n	)hf179	16	18	12/01/93
3	hf180 (n,3n	)hf178	17	21	12/01/93
4	hf180 (n,na	)yb176	22	65	12/01/93
5	hf180 (n,np	)lu179	28	43	12/01/93
6	hf180 (n,nd	)lu178	32	30	12/01/93
7	hf180 (n,nt	)lu177	33	29	12/01/93
8	hf180 (n,g	)hf181	102	1282	12/01/93
9	hf180 (n,p	)lu180	103	23	12/01/93
10	hf180 (n,d	)lu179	104	55	12/01/93
11	hf180 (n,t	)lu178	105	53	12/01/93
12	hf180 (n,h	)yb178	106	15	12/01/93
13	hf180 (n,a	)yb177	107	61	12/01/93

#	target	product	mt	# engseries	date
14	hf180 (n,2p)	)yb179	111	11	12/01/93
15	hf180 (n,n*)	)hf180m	304	51	12/01/93
16	hf180 (n,2n*)	)hf179m	316	18	12/01/93
17	hf180 (n,3n*)	)hf178m	317	21	12/01/93
18	hf180 (n,na*)	)yb176m	322	65	12/01/93
19	hf180 (n,nd*)	)lu178m	332	30	12/01/93
20	hf180 (n,nt*)	)lu177m	333	29	12/01/93
21	hf180 (n,t*)	)lu178m	405	53	12/01/93
22	hf180 (n,a*)	)yb177m	407	61	12/01/93
23	hf180 (n,2n**)	)hf179n	616	16	12/01/93
24	hf180 (n,3n**)	)hf178n	617	10	12/01/93

1	hf180m(n,n)	)hf180	4	18	12/01/93
2	hf180m(n,2n)	)hf179	16	16	12/01/93
3	hf180m(n,3n)	)hf178	17	17	12/01/93
4	hf180m(n,na)	)yb176	22	65	12/01/93
5	hf180m(n,np)	)lu179	28	38	12/01/93
6	hf180m(n,nd)	)lu178	32	25	12/01/93
7	hf180m(n,nt)	)lu177	33	26	12/01/93
8	hf180m(n,g)	)hf181	102	1282	12/01/93
9	hf180m(n,p)	)lu180	103	23	12/01/93
10	hf180m(n,d)	)lu179	104	53	12/01/93
11	hf180m(n,t)	)lu178	105	49	12/01/93
12	hf180m(n,h)	)yb178	106	15	12/01/93
13	hf180m(n,a)	)yb177	107	61	12/01/93
14	hf180m(n,2p)	)yb179	111	11	12/01/93
15	hf180m(n,2n*)	)hf179m	316	18	12/01/93
16	hf180m(n,3n*)	)hf178m	317	21	12/01/93
17	hf180m(n,na*)	)yb176m	322	65	12/01/93
18	hf180m(n,nd*)	)lu178m	332	24	12/01/93
19	hf180m(n,nt*)	)lu177m	333	23	12/01/93
20	hf180m(n,t*)	)lu178m	405	49	12/01/93
21	hf180m(n,a*)	)yb177m	407	61	12/01/93
22	hf180m(n,2n**)	)hf179n	616	13	12/01/93
23	hf180m(n,3n**)	)hf178n	617	8	12/01/93

#	target	product	mt	# engseries	date
1	hf181 (n,2n)	)hf180	16	39	12/01/93
2	hf181 (n,3n)	)hf179	17	24	12/01/93
3	hf181 (n,na)	)yb177	22	69	12/01/93
4	hf181 (n,np)	)lu180	28	43	12/01/93
5	hf181 (n,nd)	)lu179	32	36	12/01/93
6	hf181 (n,nt)	)lu178	33	29	12/01/93
7	hf181 (n,g)	)hf182	102	393	12/01/93
8	hf181 (n,p)	)lu181	103	74	12/01/93
9	hf181 (n,d)	)lu180	104	55	12/01/93
10	hf181 (n,t)	)lu179	105	56	12/01/93
11	hf181 (n,h)	)yb179	106	13	12/01/93
12	hf181 (n,a)	)yb178	107	66	12/01/93
13	hf181 (n,2p)	)yb180	111	11	12/01/93
14	hf181 (n,2n*)	)hf180m	316	35	12/01/93
15	hf181 (n,3n*)	)hf179m	317	24	12/01/93
16	hf181 (n,na*)	)yb177m	322	69	12/01/93
17	hf181 (n,nt*)	)lu178m	333	29	12/01/93
18	hf181 (n,g*)	)hf182m	402	393	12/01/93
19	hf181 (n,3n**)	)hf179n	617	16	12/01/93

1	hf182 (n,n)	)hf182	4	1	12/01/93
2	hf182 (n,2n)	)hf181	16	43	12/01/93
3	hf182 (n,3n)	)hf180	17	27	12/01/93
4	hf182 (n,na)	)yb178	22	40	12/01/93
5	hf182 (n,np)	)lu181	28	46	12/01/93
6	hf182 (n,nd)	)lu180	32	27	12/01/93
7	hf182 (n,nt)	)lu179	33	29	12/01/93
8	hf182 (n,g)	)hf183	102	394	12/01/93
9	hf182 (n,p)	)lu182	103	64	12/01/93
10	hf182 (n,d)	)lu181	104	52	12/01/93
11	hf182 (n,t)	)lu180	105	53	12/01/93
12	hf182 (n,h)	)yb180	106	7	12/01/93
13	hf182 (n,a)	)yb179	107	59	12/01/93
14	hf182 (n,n*)	)hf182m	304	61	12/01/93
15	hf182 (n,3n*)	)hf180m	317	17	12/01/93

#	target	product	mt	# engeries	date
1	ta177 (n,2n)	)ta176	16	33	12/01/93
2	ta177 (n,3n)	)ta175	17	17	12/01/93
3	ta177 (n,na)	)lu173	22	80	12/01/93
4	ta177 (n,np)	)hf176	28	53	12/01/93
5	ta177 (n,nd)	)hf175	32	37	12/01/93
6	ta177 (n,nt)	)hf174	33	35	12/01/93
7	ta177 (n,g)	)ta178	102	404	12/01/93
8	ta177 (n,p)	)hf177	103	93	12/01/93
9	ta177 (n,d)	)hf176	104	69	12/01/93
10	ta177 (n,t)	)hf175	105	62	12/01/93
11	ta177 (n,h)	)lu175	106	29	12/01/93
12	ta177 (n,a)	)lu174	107	76	12/01/93
13	ta177 (n,2p)	)lu176	111	29	12/01/93
14	ta177 (n,g*)	)ta178m	402	404	12/01/93
15	ta177 (n,p*)	)hf177m	403	93	12/01/93
16	ta177 (n,a*)	)lu174m	407	76	12/01/93
17	ta177 (n,2p*)	)lu176m	411	29	12/01/93
18	ta177 (n,p**)	)hf177n	703	84	12/01/93

1	ta179 (n,2n)	)ta178	16	39	12/01/93
2	ta179 (n,3n)	)ta177	17	22	12/01/93
3	ta179 (n,na)	)lu175	22	73	12/01/93
4	ta179 (n,np)	)hf178	28	50	12/01/93
5	ta179 (n,nd)	)hf177	32	35	12/01/93
6	ta179 (n,nt)	)hf176	33	35	12/01/93
7	ta179 (n,g)	)ta180	102	406	12/01/93
8	ta179 (n,p)	)hf179	103	92	12/01/93
9	ta179 (n,d)	)hf178	104	66	12/01/93
10	ta179 (n,t)	)hf177	105	59	12/01/93
11	ta179 (n,h)	)lu177	106	25	12/01/93
12	ta179 (n,a)	)lu176	107	72	12/01/93
13	ta179 (n,2p)	)lu178	111	25	12/01/93
14	ta179 (n,2n*)	)ta178m	316	39	12/01/93
15	ta179 (n,np*)	)hf178m	328	50	12/01/93
16	ta179 (n,nd*)	)hf177m	332	35	12/01/93
17	ta179 (n,g*)	)ta180m	402	406	12/01/93
18	ta179 (n,p*)	)hf179m	403	92	12/01/93
19	ta179 (n,d*)	)hf178m	404	66	12/01/93
20	ta179 (n,t*)	)hf177m	405	59	12/01/93
21	ta179 (n,h*)	)lu177m	406	25	12/01/93
22	ta179 (n,a*)	)lu176m	407	72	12/01/93
23	ta179 (n,2p*)	)lu178m	411	25	12/01/93
24	ta179 (n,np**)	)hf178n	628	39	12/01/93
25	ta179 (n,nd**)	)hf177n	632	25	12/01/93
26	ta179 (n,p**)	)hf179n	703	92	12/01/93
27	ta179 (n,d**)	)hf178n	704	53	12/01/93
28	ta179 (n,t**)	)hf177n	705	49	12/01/93

#	target	product	mt	# engeries	date
1	ta180 (n,n)	)ta180	4	1	12/01/93
2	ta180 (n,2n)	)ta179	16	33	12/01/93
3	ta180 (n,3n)	)ta178	17	18	12/01/93
4	ta180 (n,na)	)lu176	22	76	12/01/93
5	ta180 (n,np)	)hf179	28	48	12/01/93
6	ta180 (n,nd)	)hf178	32	40	12/01/93
7	ta180 (n,nt)	)hf177	33	33	12/01/93
8	ta180 (n,g)	)ta181	102	396	12/01/93
9	ta180 (n,p)	)hf180	103	91	12/01/93
10	ta180 (n,d)	)hf179	104	64	12/01/93
11	ta180 (n,t)	)hf178	105	64	12/01/93
12	ta180 (n,h)	)lu178	106	21	12/01/93
13	ta180 (n,a)	)lu177	107	71	12/01/93
14	ta180 (n,2p)	)lu179	111	26	12/01/93
15	ta180 (n,n*)	)ta180m	304	43	12/01/93
16	ta180 (n,3n*)	)ta178m	317	18	12/01/93
17	ta180 (n,na*)	)lu176m	322	76	12/01/93
18	ta180 (n,np*)	)hf179m	328	48	12/01/93
19	ta180 (n,nd*)	)hf178m	332	40	12/01/93
20	ta180 (n,nt*)	)hf177m	333	33	12/01/93
21	ta180 (n,p*)	)hf180m	403	91	12/01/93
22	ta180 (n,d*)	)hf179m	404	64	12/01/93
23	ta180 (n,t*)	)hf178m	405	64	12/01/93
24	ta180 (n,h*)	)lu178m	406	21	12/01/93

#	target	product	mt	# engeries	date
25	ta180 (n,a*	)lu177m	407	71	12/01/93
26	ta180 (n,np**	)hf179n	628	43	12/01/93
27	ta180 (n,nd**	)hf178n	632	29	12/01/93
28	ta180 (n,nt**	)hf177n	633	27	12/01/93
29	ta180 (n,d**	)hf179n	704	58	12/01/93
30	ta180 (n,t**	)hf178n	705	54	12/01/93

#	target	product	mt	# engeries	date
1	ta180m(n,n	)ta180	4	43	12/01/93
2	ta180m(n,2n	)ta179	16	33	12/01/93
3	ta180m(n,3n	)ta178	17	18	12/01/93
4	ta180m(n,na	)lu176	22	76	12/01/93
5	ta180m(n,np	)hf179	28	48	12/01/93
6	ta180m(n,nd	)hf178	32	40	12/01/93
7	ta180m(n,nt	)hf177	33	33	12/01/93
8	ta180m(n,g	)ta181	102	396	12/01/93
9	ta180m(n,p	)hf180	103	91	12/01/93
10	ta180m(n,d	)hf179	104	64	12/01/93
11	ta180m(n,t	)hf178	105	64	12/01/93
12	ta180m(n,h	)lu178	106	21	12/01/93
13	ta180m(n,u	)lu177	107	71	12/01/93
14	ta180m(n,2p	)lu179	111	26	12/01/93
15	ta180m(n,3n*	)ta178m	317	18	12/01/93
16	ta180m(n,na*	)lu176m	322	76	12/01/93
17	ta180m(n,np*	)hf179m	328	48	12/01/93
18	ta180m(n,nd*	)hf178m	332	40	12/01/93
19	ta180m(n,nt*	)hf177m	333	33	12/01/93
20	ta180m(n,p*	)hf180m	403	91	12/01/93
21	ta180m(n,d*	)hf179m	404	64	12/01/93
22	ta180m(n,t*	)hf178m	405	64	12/01/93
23	ta180m(n,h*	)lu178m	406	21	12/01/93
24	ta180m(n,a*	)lu177m	407	71	12/01/93
25	ta180m(n,np**	)hf179n	628	43	12/01/93
26	ta180m(n,nd**	)hf178n	632	29	12/01/93
27	ta180m(n,nt**	)hf177n	633	27	12/01/93
28	ta180m(n,d**	)hf179n	704	58	12/01/93
29	ta180m(n,t**	)hf178n	705	54	12/01/93

#	target	product	mt	# engeries	date
1	ta181 (n,2n	)ta180	16	36	12/01/93
2	ta181 (n,3n	)ta179	17	7	12/01/93
3	ta181 (n,na	)lu177	22	15	12/01/93
4	ta181 (n,np	)hf180	28	50	12/01/93
5	ta181 (n,nd	)hf179	32	34	12/01/93
6	ta181 (n,nt	)hf178	33	31	12/01/93
7	ta181 (n,g	)ta182	102	1282	12/01/93
8	ta181 (n,p	)hf181	103	6	12/01/93
9	ta181 (n,d	)hf180	104	59	12/01/93
10	ta181 (n,t	)hf179	105	56	12/01/93
11	ta181 (n,h	)lu179	106	17	12/01/93
12	ta181 (n,a	)lu178	107	61	12/01/93
13	ta181 (n,2p	)lu180	111	17	12/01/93
14	ta181 (n,2n*	)ta180m	316	37	12/01/93
15	ta181 (n,na*	)lu177m	322	15	12/01/93
16	ta181 (n,np*	)hf180m	328	44	12/01/93
17	ta181 (n,nd*	)hf179m	332	34	12/01/93
18	ta181 (n,nt*	)hf178m	333	31	12/01/93
19	ta181 (n,g*	)ta182m	402	1282	12/01/93
20	ta181 (n,d*	)hf180m	404	59	12/01/93
21	ta181 (n,t*	)hf179m	405	56	12/01/93
22	ta181 (n,a*	)lu178m	407	61	12/01/93
23	ta181 (n,nd**	)hf179n	632	30	12/01/93
24	ta181 (n,nt**	)hf178n	633	27	12/01/93
25	ta181 (n,g**	)ta182n	702	1282	12/01/93
26	ta181 (n,t**	)hf179n	705	53	12/01/93

#	target	product	mt	# engeries	date
1	ta182 (n,n)	)ta182	4	1	12/01/93
2	ta182 (n,2n)	)ta181	16	38	12/01/93
3	ta182 (n,3n)	)ta180	17	24	12/01/93
4	ta182 (n,na)	)lu178	22	72	12/01/93
5	ta182 (n,np)	)hf181	28	48	12/01/93
6	ta182 (n,nd)	)hf180	32	40	12/01/93
7	ta182 (n,nt)	)hf179	33	33	12/01/93
8	ta182 (n,g)	)ta183	102	1977	12/01/93
9	ta182 (n,p)	)hf182	103	94	12/01/93
10	ta182 (n,d)	)hf181	104	59	12/01/93
11	ta182 (n,t)	)hf180	105	61	12/01/93
12	ta182 (n,h)	)lu180	106	17	12/01/93
13	ta182 (n,a)	)lu179	107	68	12/01/93
14	ta182 (n,2p)	)lu181	111	19	12/01/93
15	ta182 (n,n*)	)ta182m	304	32	12/01/93
16	ta182 (n,3n*)	)ta180m	317	24	12/01/93
17	ta182 (n,na*)	)lu178m	322	72	12/01/93
18	ta182 (n,nd*)	)hf180m	332	36	12/01/93
19	ta182 (n,nt*)	)hf179m	333	33	12/01/93
20	ta182 (n,p*)	)hf182m	403	85	12/01/93
21	ta182 (n,t*)	)hf180m	405	59	12/01/93
22	ta182 (n,n**)	)ta182n	604	49	12/01/93
23	ta182 (n,nt**)	)hf179n	633	33	12/01/93

1	ta183 (n,2n)	)ta182	16	48	12/01/93
2	ta183 (n,3n)	)ta181	17	22	12/01/93
3	ta183 (n,na)	)lu179	22	65	12/01/93
4	ta183 (n,np)	)hf182	28	47	12/01/93
5	ta183 (n,nd)	)hf181	32	34	12/01/93
6	ta183 (n,nt)	)hf180	33	35	12/01/93
7	ta183 (n,g)	)ta184	102	424	12/01/93
8	ta183 (n,p)	)hf183	103	79	12/01/93
9	ta183 (n,d)	)hf182	104	59	12/01/93
10	ta183 (n,t)	)hf181	105	58	12/01/93
11	ta183 (n,h)	)lu181	106	15	12/01/93
12	ta183 (n,a)	)lu180	107	62	12/01/93
13	ta183 (n,2p)	)lu182	111	11	12/01/93
14	ta183 (n,2n*)	)ta182m	316	48	12/01/93
15	ta183 (n,np*)	)hf182m	328	43	12/01/93
16	ta183 (n,nt*)	)hf180m	333	35	12/01/93
17	ta183 (n,d*)	)hf182m	404	55	12/01/93
18	ta183 (n,2n**)	)ta182n	616	42	12/01/93

#	target	product	mt	# engeries	date
1	w 178 (n,2n)	)w 177	16	30	12/01/93
2	w 178 (n,3n)	)w 176	17	16	12/01/93
3	w 178 (n,na)	)hf174	22	80	12/01/93
4	w 178 (n,np)	)ta177	28	49	12/01/93
5	w 178 (n,nd)	)ta176	32	30	12/01/93
6	w 178 (n,nt)	)ta175	33	25	12/01/93
7	w 178 (n,g)	)w 179	102	393	12/01/93
8	w 178 (n,p)	)ta178	103	93	12/01/93
9	w 178 (n,d)	)ta177	104	62	12/01/93
10	w 178 (n,t)	)ta176	105	55	12/01/93
11	w 178 (n,h)	)hf176	106	31	12/01/93
12	w 178 (n,a)	)hf175	107	75	12/01/93
13	w 178 (n,2p)	)hf177	111	30	12/01/93
14	w 178 (n,g*)	)w 179m	402	393	12/01/93
15	w 178 (n,p*)	)ta178m	403	93	12/01/93
16	w 178 (n,2p*)	)hf177m	411	30	12/01/93
17	w 178 (n,2p**)	)hf177n	711	30	12/01/93

1	w 180 (n,2n)	)w 179	16	30	12/01/93
2	w 180 (n,3n)	)w 178	17	6	12/01/93
3	w 180 (n,na)	)hf176	22	202	12/01/93
4	w 180 (n,np)	)ta179	28	54	12/01/93
5	w 180 (n,nd)	)ta178	32	32	12/01/93
6	w 180 (n,nt)	)ta177	33	22	12/01/93
7	w 180 (n,g)	)w 181	102	1743	12/01/93
8	w 180 (n,p)	)ta180	103	18	12/01/93
9	w 180 (n,d)	)ta179	104	60	12/01/93
10	w 180 (n,t)	)ta178	105	52	12/01/93
11	w 180 (n,h)	)hf178	106	52	12/01/93

#	target	product	mt	# engeries	date
12	w 180 (n,a)	)hf177	107	201	12/01/93
13	w 180 (n,2p)	)hf179	111	46	12/01/93
14	w 180 (n,2n*)	)w 179m	316	30	12/01/93
15	w 180 (n,nd*)	)ta178m	332	32	12/01/93
16	w 180 (n,p*)	)ta180m	403	18	12/01/93
17	w 180 (n,t*)	)ta178m	405	52	12/01/93
18	w 180 (n,h*)	)hf178m	406	122	12/01/93
19	w 180 (n,a*)	)hf177m	407	17	12/01/93
20	w 180 (n,2p*)	)hf179m	411	120	12/01/93
21	w 180 (n,h**)	)hf178n	706	47	12/01/93
22	w 180 (n,a**)	)hf177n	707	17	12/01/93
23	w 180 (n,2p**)	)hf179n	711	45	12/01/93

#	target	product	mt	# engeries	date
1	w 181 (n,2n)	)w 180	16	32	12/01/93
2	w 181 (n,3n)	)w 179	17	18	12/01/93
3	w 181 (n,na)	)hf177	22	80	12/01/93
4	w 181 (n,np)	)ta180	28	45	12/01/93
5	w 181 (n,nd)	)ta179	32	35	12/01/93
6	w 181 (n,nt)	)ta178	33	25	12/01/93
7	w 181 (n,g)	)w 182	102	391	12/01/93
8	w 181 (n,p)	)ta181	103	92	12/01/93
9	w 181 (n,d)	)ta180	104	59	12/01/93
10	w 181 (n,t)	)ta179	105	58	12/01/93
11	w 181 (n,h)	)hf179	106	23	12/01/93
12	w 181 (n,a)	)hf178	107	74	12/01/93
13	w 181 (n,2p)	)hf180	111	26	12/01/93
14	w 181 (n,3n*)	)w 179m	317	18	12/01/93
15	w 181 (n,na*)	)hf177m	322	80	12/01/93
16	w 181 (n,np*)	)ta180m	328	45	12/01/93
17	w 181 (n,nt*)	)ta178m	333	25	12/01/93
18	w 181 (n,d*)	)ta180m	404	59	12/01/93
19	w 181 (n,h*)	)hf179m	406	23	12/01/93
20	w 181 (n,a*)	)hf178m	407	73	12/01/93
21	w 181 (n,2p*)	)hf180m	411	26	12/01/93
22	w 181 (n,na**)	)hf177n	622	80	12/01/93
23	w 181 (n,h**)	)hf179n	706	23	12/01/93
24	w 181 (n,a**)	)hf178n	707	74	12/01/93

1	w 182 (n,2n)	)w 181	16	41	12/01/93
2	w 182 (n,3n)	)w 180	17	6	12/01/93
3	w 182 (n,na)	)hf178	22	199	12/01/93
4	w 182 (n,np)	)ta181	28	49	12/01/93
5	w 182 (n,nd)	)ta180	32	32	12/01/93
6	w 182 (n,nt)	)ta179	33	22	12/01/93
7	w 182 (n,g)	)w 183	102	1282	12/01/93
8	w 182 (n,p)	)ta182	103	42	12/01/93
9	w 182 (n,d)	)ta181	104	66	12/01/93
10	w 182 (n,t)	)ta180	105	52	12/01/93
11	w 182 (n,h)	)hf180	106	45	12/01/93
12	w 182 (n,a)	)hf179	107	29	12/01/93
13	w 182 (n,2p)	)hf181	111	16	12/01/93
14	w 182 (n,na*)	)hf178m	322	166	12/01/93
15	w 182 (n,nd*)	)ta180m	332	32	12/01/93
16	w 182 (n,g*)	)w 183m	402	1282	12/01/93
17	w 182 (n,p*)	)ta182m	403	42	12/01/93
18	w 182 (n,t*)	)ta180m	405	52	12/01/93
19	w 182 (n,h*)	)hf180m	406	41	12/01/93
20	w 182 (n,a*)	)hf179m	407	12	12/01/93
21	w 182 (n,na**)	)hf178n	622	97	12/01/93
22	w 182 (n,p**)	)ta182n	703	42	12/01/93
23	w 182 (n,a**)	)hf179n	707	12	12/01/93

#	target	product	mt	# engeries	date
1	w 183 (n,n)	)w 183	4	1	12/01/93
2	w 183 (n,2n)	)w 182	16	17	12/01/93
3	w 183 (n,3n)	)w 181	17	23	12/01/93
4	w 183 (n,na)	)hf179	22	205	12/01/93
5	w 183 (n,np)	)ta182	28	36	12/01/93
6	w 183 (n,nd)	)ta181	32	38	12/01/93
7	w 183 (n,nt)	)ta180	33	24	12/01/93
8	w 183 (n,g)	)w 184	102	1282	12/01/93

#	target	product	mt	# enseries	date
9	w 183 (n,p)	)ta183	103	38	12/01/93
10	w 183 (n,d)	)ta182	104	56	12/01/93
11	w 183 (n,t)	)ta181	105	56	12/01/93
12	w 183 (n,h)	)hf181	106	16	12/01/93
13	w 183 (n,a)	)hf180	107	26	12/01/93
14	w 183 (n,2p)	)hf182	111	18	12/01/93
15	w 183 (n,n*)	)w 183m	304	49	12/01/93
16	w 183 (n,na*)	)hf179m	322	13	12/01/93
17	w 183 (n,np*)	)ta182m	328	36	12/01/93
18	w 183 (n,nt*)	)ta180m	333	24	12/01/93
19	w 183 (n,d*)	)ta182m	404	56	12/01/93
20	w 183 (n,a*)	)hf180m	407	26	12/01/93
21	w 183 (n,2p*)	)hf182m	411	18	12/01/93
22	w 183 (n,na**)	)hf179n	622	13	12/01/93
23	w 183 (n,np**)	)ta182n	628	36	12/01/93
24	w 183 (n,d**)	)ta182n	704	56	12/01/93

1	w 184 (n,2n)	)w 183	16	17	12/01/93
2	w 184 (n,3n)	)w 182	17	7	12/01/93
3	w 184 (n,na)	)hf180	22	195	12/01/93
4	w 184 (n,np)	)ta183	28	69	12/01/93
5	w 184 (n,nd)	)ta182	32	32	12/01/93
6	w 184 (n,nt)	)ta181	33	24	12/01/93
7	w 184 (n,g)	)w 185	102	3852	12/01/93
8	w 184 (n,p)	)ta184	103	85	12/01/93
9	w 184 (n,d)	)ta183	104	54	12/01/93
10	w 184 (n,t)	)ta182	105	52	12/01/93
11	w 184 (n,h)	)hf182	106	12	12/01/93
12	w 184 (n,a)	)hf181	107	84	12/01/93
13	w 184 (n,2p)	)hf183	111	12	12/01/93
14	w 184 (n,2n*)	)w 183m	316	15	12/01/93
15	w 184 (n,na*)	)hf180m	322	195	12/01/93
16	w 184 (n,nd*)	)ta182m	332	32	12/01/93
17	w 184 (n,g*)	)w 185m	402	3852	12/01/93
18	w 184 (n,t*)	)ta182m	405	52	12/01/93
19	w 184 (n,h*)	)hf182m	406	12	12/01/93
20	w 184 (n,nd**)	)ta182n	632	30	12/01/93
21	w 184 (n,t**)	)ta182n	705	52	12/01/93

#	target	product	mt	# enseries	date
1	w 185 (n,n)	)w 185	4	1	12/01/93
2	w 185 (n,2n)	)w 184	16	42	12/01/93
3	w 185 (n,3n)	)w 183	17	24	12/01/93
4	w 185 (n,na)	)hf181	22	70	12/01/93
5	w 185 (n,np)	)ta184	28	45	12/01/93
6	w 185 (n,nd)	)ta183	32	36	12/01/93
7	w 185 (n,nt)	)ta182	33	27	12/01/93
8	w 185 (n,g)	)w 186	102	400	12/01/93
9	w 185 (n,p)	)ta185	103	79	12/01/93
10	w 185 (n,d)	)ta184	104	55	12/01/93
11	w 185 (n,t)	)ta183	105	56	12/01/93
12	w 185 (n,h)	)hf183	106	15	12/01/93
13	w 185 (n,a)	)hf182	107	67	12/01/93
14	w 185 (n,2p)	)hf184	111	15	12/01/93
15	w 185 (n,n*)	)w 185m	304	46	12/01/93
16	w 185 (n,3n*)	)w 183m	317	21	12/01/93
17	w 185 (n,nt*)	)ta182m	333	27	12/01/93
18	w 185 (n,a*)	)hf182m	407	67	12/01/93
19	w 185 (n,nt**)	)ta182n	633	27	12/01/93

1	w 186 (n,2n)	)w 185	16	38	12/01/93
2	w 186 (n,3n)	)w 184	17	8	12/01/93
3	w 186 (n,na)	)hf182	22	62	12/01/93
4	w 186 (n,np)	)ta185	28	63	12/01/93
5	w 186 (n,nd)	)ta184	32	30	12/01/93
6	w 186 (n,nt)	)ta183	33	24	12/01/93
7	w 186 (n,g)	)w 187	102	4232	12/01/93
8	w 186 (n,p)	)ta186	103	77	12/01/93
9	w 186 (n,d)	)ta185	104	52	12/01/93
10	w 186 (n,t)	)ta184	105	50	12/01/93
11	w 186 (n,h)	)hf184	106	8	12/01/93

# target	product	mt	# engeries	date
12 w 186 (n,a)	)hf183	107	84	12/01/93
13 w 186 (n,2p)	)hf185	111	7	12/01/93
14 w 186 (n,2n*)	)w 185m	316	37	12/01/93
15 w 186 (n,na*)	)hf182m	322	62	12/01/93

# target	product	mt	# engeries	date
1 w 187 (n,2n)	)w 186	16	51	12/01/93
2 w 187 (n,3n)	)w 185	17	26	12/01/93
3 w 187 (n,na)	)hf183	22	65	12/01/93
4 w 187 (n,np)	)ta186	28	41	12/01/93
5 w 187 (n,nd)	)ta185	32	35	12/01/93
6 w 187 (n,nt)	)ta184	33	27	12/01/93
7 w 187 (n,g)	)w 188	102	392	12/01/93
8 w 187 (n,p)	)ta187	103	71	12/01/93
9 w 187 (n,d)	)ta186	104	51	12/01/93
10 w 187 (n,t)	)ta185	105	55	12/01/93
11 w 187 (n,h)	)hf185	106	9	12/01/93
12 w 187 (n,a)	)hf184	107	62	12/01/93
13 w 187 (n,2p)	)hf186	111	11	12/01/93
14 w 187 (n,3n*)	)w 185m	317	26	12/01/93

1 w 188 (n,2n)	)w 187	16	48	12/01/93
2 w 188 (n,3n)	)w 186	17	27	12/01/93
3 w 188 (n,na)	)hf184	22	56	12/01/93
4 w 188 (n,np)	)ta187	28	44	12/01/93
5 w 188 (n,nd)	)ta186	32	29	12/01/93
6 w 188 (n,nt)	)ta185	33	25	12/01/93
7 w 188 (n,nh)	)hf185	34	2	12/01/93
8 w 188 (n,g)	)w 189	102	378	12/01/93
9 w 188 (n,p)	)ta188	103	66	12/01/93
10 w 188 (n,d)	)ta187	104	50	12/01/93
11 w 188 (n,t)	)ta186	105	50	12/01/93
12 w 188 (n,h)	)hf186	106	7	12/01/93
13 w 188 (n,a)	)hf185	107	53	12/01/93
14 w 188 (n,2p)	)hf187	111	2	12/01/93

1 re181 (n,2n)	)re180	16	29	12/01/93
2 re181 (n,3n)	)re179	17	16	12/01/93
3 re181 (n,na)	)ta177	22	80	12/01/93
4 re181 (n,np)	)w 180	28	53	12/01/93
5 re181 (n,nd)	)w 179	32	36	12/01/93
6 re181 (n,nt)	)w 178	33	31	12/01/93
7 re181 (n,g)	)re182	102	403	12/01/93
8 re181 (n,p)	)w 181	103	88	12/01/93
9 re181 (n,d)	)w 180	104	69	12/01/93
10 re181 (n,t)	)w 179	105	60	12/01/93
11 re181 (n,h)	)ta179	106	29	12/01/93
12 re181 (n,a)	)ta178	107	74	12/01/93
13 re181 (n,2p)	)ta180	111	31	12/01/93
14 re181 (n,nd*)	)w 179m	332	34	12/01/93
15 re181 (n,g*)	)re182m	402	403	12/01/93
16 re181 (n,t*)	)w 179m	405	60	12/01/93
17 re181 (n,a*)	)ta178m	407	74	12/01/93
18 re181 (n,2p*)	)ta180m	411	31	12/01/93

# target	product	mt	# engeries	date
1 re182 (n,n)	)re182	4	1	12/01/93
2 re182 (n,2n)	)re181	16	29	12/01/93
3 re182 (n,3n)	)re180	17	20	12/01/93
4 re182 (n,na)	)ta178	22	83	12/01/93
5 re182 (n,np)	)w 181	28	50	12/01/93
6 re182 (n,nd)	)w 180	32	43	12/01/93
7 re182 (n,nt)	)w 179	33	31	12/01/93
8 re182 (n,g)	)re183	102	405	12/01/93
9 re182 (n,p)	)w 182	103	88	12/01/93
10 re182 (n,d)	)w 181	104	70	12/01/93
11 re182 (n,t)	)w 180	105	67	12/01/93
12 re182 (n,h)	)ta180	106	29	12/01/93
13 re182 (n,a)	)ta179	107	78	12/01/93

#	target	product	mt	# engseries	date
14	re182 (n,2p	)ta181	111	32	12/01/93
15	re182 (n,n*	)re182m	304	45	12/01/93
16	re182 (n,na*	)ta178m	322	83	12/01/93
17	re182 (n,nt*	)w 179m	333	31	12/01/93
18	re182 (n,h*	)ta180m	406	29	12/01/93
1	re183 (n,2n	)re182	16	36	12/01/93
2	re183 (n,3n	)re181	17	16	12/01/93
3	re183 (n,na	)ta179	22	73	12/01/93
4	re183 (n,np	)w 182	28	53	12/01/93
5	re183 (n,nd	)w 181	32	35	12/01/93
6	re183 (n,nt	)w 180	33	31	12/01/93
7	re183 (n,g	)re184	102	406	12/01/93
8	re183 (n,p	)w 183	103	92	12/01/93
9	re183 (n,d	)w 182	104	67	12/01/93
10	re183 (n,t	)w 181	105	58	12/01/93
11	re183 (n,h	)ta181	106	25	12/01/93
12	re183 (n,a	)ta180	107	68	12/01/93
13	re183 (n,2p	)ta182	111	25	12/01/93
14	re183 (n,2n*	)re182m	316	32	12/01/93
15	re183 (n,g*	)re184m	402	406	12/01/93
16	re183 (n,p*	)w 183m	403	92	12/01/93
17	re183 (n,a*	)ta180m	407	68	12/01/93
18	re183 (n,2p*	)ta182m	411	25	12/01/93
19	re183 (n,2p**	)ta182n	711	25	12/01/93

#	target	product	mt	# engseries	date
1	re184 (n,n	)re184	4	1	12/01/93
2	re184 (n,2n	)re183	16	30	12/01/93
3	re184 (n,3n	)re182	17	19	12/01/93
4	re184 (n,na	)ta180	22	79	12/01/93
5	re184 (n,np	)w 183	28	47	12/01/93
6	re184 (n,nd	)w 182	32	42	12/01/93
7	re184 (n,nt	)w 181	33	31	12/01/93
8	re184 (n,g	)re185	102	401	12/01/93
9	re184 (n,p	)w 184	103	91	12/01/93
10	re184 (n,d	)w 183	104	63	12/01/93
11	re184 (n,t	)w 182	105	64	12/01/93
12	re184 (n,h	)ta182	106	23	12/01/93
13	re184 (n,a	)ta181	107	74	12/01/93
14	re184 (n,2p	)ta183	111	26	12/01/93
15	re184 (n,n*	)re184m	304	47	12/01/93
16	re184 (n,3n*	)re182m	317	17	12/01/93
17	re184 (n,na*	)ta180m	322	79	12/01/93
18	re184 (n,np*	)w 183m	328	47	12/01/93
19	re184 (n,d*	)w 183m	404	63	12/01/93
20	re184 (n,h*	)ta182m	406	23	12/01/93
21	re184 (n,h**	)ta182n	706	23	12/01/93

1	re184m(n,n	)re184	4	49	12/01/93
2	re184m(n,2n	)re183	16	30	12/01/93
3	re184m(n,3n	)re182	17	16	12/01/93
4	re184m(n,na	)ta180	22	79	12/01/93
5	re184m(n,np	)w 183	28	46	12/01/93
6	re184m(n,nd	)w 182	32	42	12/01/93
7	re184m(n,nt	)w 181	33	31	12/01/93
8	re184m(n,g	)re185	102	401	12/01/93
9	re184m(n,p	)w 184	103	91	12/01/93
10	re184m(n,d	)w 183	104	63	12/01/93
11	re184m(n,t	)w 182	105	64	12/01/93
12	re184m(n,h	)ta182	106	23	12/01/93
13	re184m(n,a	)ta181	107	74	12/01/93
14	re184m(n,2p	)ta183	111	26	12/01/93
15	re184m(n,3n*	)re182m	317	17	12/01/93
16	re184m(n,na*	)ta180m	322	79	12/01/93
17	re184m(n,np*	)w 183m	328	44	12/01/93
18	re184m(n,d*	)w 183m	404	63	12/01/93
19	re184m(n,h*	)ta182m	406	23	12/01/93
20	re184m(n,h**	)ta182n	706	23	12/01/93

#	target	product	mt	# engeries	date
1	re185 (n,2n)	)re184	16	27	12/01/93
2	re185 (n,3n)	)re183	17	15	12/01/93
3	re185 (n,na)	)ta181	22	70	12/01/93
4	re185 (n,np)	)w 184	28	52	12/01/93
5	re185 (n,nd)	)w 183	32	35	12/01/93
6	re185 (n,nt)	)w 182	33	33	12/01/93
7	re185 (n,g)	)re186	102	2581	12/01/93
8	re185 (n,p)	)w 185	103	15	12/01/93
9	re185 (n,d)	)w 184	104	62	12/01/93
10	re185 (n,t)	)w 183	105	58	12/01/93
11	re185 (n,h)	)ta183	106	19	12/01/93
12	re185 (n,a)	)ta182	107	66	12/01/93
13	re185 (n,2p)	)ta184	111	19	12/01/93
14	re185 (n,2n*)	)re184m	316	15	12/01/93
15	re185 (n,nd*)	)w 183m	332	35	12/01/93
16	re185 (n,g*)	)re186m	402	2581	12/01/93
17	re185 (n,p*)	)w 185m	403	88	12/01/93
18	re185 (n,t*)	)w 183m	405	58	12/01/93
19	re185 (n,a*)	)ta182m	407	65	12/01/93
20	re185 (n,a**)	)ta182n	707	66	12/01/93

1	re186 (n,n)	)re186	4	1	12/01/93
2	re186 (n,2n)	)re185	16	29	12/01/93
3	re186 (n,3n)	)re184	17	16	12/01/93
4	re186 (n,na)	)ta182	22	73	12/01/93
5	re186 (n,np)	)w 185	28	48	12/01/93
6	re186 (n,nd)	)w 184	32	43	12/01/93
7	re186 (n,nt)	)w 183	33	33	12/01/93
8	re186 (n,g)	)re187	102	417	12/01/93
9	re186 (n,p)	)w 186	103	16	12/01/93
10	re186 (n,d)	)w 185	104	62	12/01/93
11	re186 (n,t)	)w 184	105	61	12/01/93
12	re186 (n,h)	)ta184	106	17	12/01/93
13	re186 (n,a)	)ta183	107	68	12/01/93
14	re186 (n,2p)	)ta185	111	21	12/01/93
15	re186 (n,n*)	)re186m	304	55	12/01/93
16	re186 (n,3n*)	)re184m	317	15	12/01/93
17	re186 (n,na*)	)ta182m	322	72	12/01/93
18	re186 (n,np*)	)w 185m	328	47	12/01/93
19	re186 (n,nt*)	)w 183m	333	33	12/01/93
20	re186 (n,d*)	)w 185m	404	62	12/01/93
21	re186 (n,na**)	)ta182n	622	73	12/01/93

#	target	product	mt	# engeries	date
1	re186m(n,n)	)re186	4	54	12/01/93
2	re186m(n,2n)	)re185	16	29	12/01/93
3	re186m(n,3n)	)re184	17	15	12/01/93
4	re186m(n,na)	)ta182	22	73	12/01/93
5	re186m(n,np)	)w 185	28	46	12/01/93
6	re186m(n,nd)	)w 184	32	40	12/01/93
7	re186m(n,nt)	)w 133	33	33	12/01/93
8	re186m(n,g)	)re187	102	417	12/01/93
9	re186m(n,p)	)w 186	103	16	12/01/93
10	re186m(n,d)	)w 185	104	62	12/01/93
11	re186m(n,t)	)w 184	105	61	12/01/93
12	re186m(n,h)	)ta184	106	17	12/01/93
13	re186m(n,a)	)ta183	107	68	12/01/93
14	re186m(n,2p)	)ta185	111	21	12/01/93
15	re186m(n,3n*)	)re184m	317	15	12/01/93
16	re186m(n,na*)	)ta182m	322	72	12/01/93
17	re186m(n,np*)	)w 185m	328	47	12/01/93
18	re186m(n,nt*)	)w 183m	333	33	12/01/93
19	re186m(n,d*)	)w 185m	404	62	12/01/93
20	re186m(n,na**)	)ta182n	622	73	12/01/93

1	re187 (n,2n)	)re186	16	25	12/01/93
2	re187 (n,3n)	)re185	17	16	12/01/93
3	re187 (n,na)	)ta183	22	66	12/01/93
4	re187 (n,np)	)w 186	28	51	12/01/93
5	re187 (n,nd)	)w 185	32	34	12/01/93
6	re187 (n,nt)	)w 184	33	33	12/01/93
7	re187 (n,g)	)re188	102	4038	12/01/93
8	re187 (n,p)	)w 187	103	15	12/01/93

#	target	product	mt	# enseries	date
9	re187 (n,d	)w 186	104	59	12/01/93
10	re187 (n,t	)w 185	105	56	12/01/93
11	re187 (n,h	)ta185	106	15	12/01/93
12	re187 (n,a	)ta184	107	62	12/01/93
13	re187 (n,2p	)ta186	111	13	12/01/93
14	re187 (n,2n*	)re186m	316	25	12/01/93
15	re187 (n,nd*	)w 185m	332	34	12/01/93
16	re187 (n,g*	)re188m	402	4036	12/01/93
17	re187 (n,t*	)w 185m	405	56	12/01/93

#	target	product	mt	# enseries	date
1	re188 (n,n	)re188	4	1	12/01/93
2	re188 (n,2n	)re187	16	46	12/01/93
3	re188 (n,3n	)re186	17	25	12/01/93
4	re188 (n,na	)ta184	22	67	12/01/93
5	re188 (n,np	)w 187	28	49	12/01/93
6	re188 (n,nd	)w 186	32	42	12/01/93
7	re188 (n,nt	)w 185	33	33	12/01/93
8	re188 (n,g	)re189	102	410	12/01/93
9	re188 (n,p	)w 188	103	86	12/01/93
10	re188 (n,d	)w 187	104	57	12/01/93
11	re188 (n,t	)w 186	105	62	12/01/93
12	re188 (n,h	)ta186	106	11	12/01/93
13	re188 (n,a	)ta185	107	64	12/01/93
14	re188 (n,2p	)ta187	111	17	12/01/93
15	re188 (n,n*	)re188m	304	52	12/01/93
16	re188 (n,3n*	)re186m	317	25	12/01/93
17	re188 (n,nt*	)w 185m	333	33	12/01/93

1	re189 (n,2n	)re188	16	41	12/01/93
2	re189 (n,3n	)re187	17	24	12/01/93
3	re189 (n,na	)ta185	22	60	12/01/93
4	re189 (n,np	)w 188	28	49	12/01/93
5	re189 (n,nd	)w 187	32	35	12/01/93
6	re189 (n,nt	)w 186	33	33	12/01/93
7	re189 (n,g	)re190	102	409	12/01/93
8	re189 (n,p	)w 189	103	76	12/01/93
9	re189 (n,d	)w 188	104	57	12/01/93
10	re189 (n,t	)w 187	105	56	12/01/93
11	re189 (n,h	)ta187	106	9	12/01/93
12	re189 (n,a	)ta186	107	56	12/01/93
13	re189 (n,2p	)ta188	111	9	12/01/93
14	re189 (n,2n*	)re188m	316	41	12/01/93
15	re189 (n,g*	)re190m	402	409	12/01/93

#	target	product	mt	# enseries	date
1	os184 (n,2n	)os183	16	32	12/01/93
2	os184 (n,3n	)os182	17	20	12/01/93
3	os184 (n,na	)w 180	22	77	12/01/93
4	os184 (n,np	)re183	28	51	12/01/93
5	os184 (n,nd	)re182	32	30	12/01/93
6	os184 (n,nt	)re181	33	23	12/01/93
7	os184 (n,g	)os185	102	392	12/01/93
8	os184 (n,p	)re184	103	87	12/01/93
9	os184 (n,d	)re183	104	62	12/01/93
10	os184 (n,t	)re182	105	54	12/01/93
11	os184 (n,h	)w 182	106	29	12/01/93
12	os184 (n,a	)w 181	107	72	12/01/93
13	os184 (n,2p	)w 183	111	27	12/01/93
14	os184 (n,2n*	)os183m	316	29	12/01/93
15	os184 (n,nd*	)re182m	332	30	12/01/93
16	os184 (n,p*	)re184m	403	87	12/01/93
17	os184 (n,t*	)re182m	405	54	12/01/93
18	os184 (n,2p*	)w 183m	411	27	12/01/93

1	os185 (n,2n	)os184	16	29	12/01/93
2	os185 (n,3n	)os183	17	17	12/01/93
3	os185 (n,na	)w 181	22	84	12/01/93
4	os185 (n,np	)re184	28	48	12/01/93
5	os185 (n,nd	)re183	32	39	12/01/93
6	os185 (n,nt	)re182	33	25	12/01/93
7	os185 (n,g	)os186	102	401	12/01/93

#	target	product	mt	# engeries	date
8	os185 (n,p)	)re185	103	93	12/01/93
9	os185 (n,d)	)re184	104	59	12/01/93
10	os185 (n,t)	)re183	105	60	12/01/93
11	os185 (n,h)	)w 183	106	27	12/01/93
12	os185 (n,a)	)w 182	107	77	12/01/93
13	os185 (n,2p)	)w 184	111	29	12/01/93
14	os185 (n,3n*)	)os183m	317	17	12/01/93
15	os185 (n,np*)	)re184m	328	47	12/01/93
16	os185 (n,nt*)	)re182m	333	25	12/01/93
17	os185 (n,d*)	)re184m	404	59	12/01/93
18	os185 (n,h*)	)w 183m	406	27	12/01/93

#	target	product	mt	# engeries	date
1	os186 (n,2n)	)os185	16	35	12/01/93
2	os186 (n,3n)	)os184	17	19	12/01/93
3	os186 (n,na)	)w 182	22	73	12/01/93
4	os186 (n,np)	)re185	28	49	12/01/93
5	os186 (n,nd)	)re184	32	33	12/01/93
6	os186 (n,nt)	)re183	33	25	12/01/93
7	os186 (n,g)	)os187	102	25805	12/01/93
8	os186 (n,p)	)re186	103	82	12/01/93
9	os186 (n,d)	)re185	104	58	12/01/93
10	os186 (n,t)	)re184	105	54	12/01/93
11	os186 (n,h)	)w 184	106	23	12/01/93
12	os186 (n,a)	)w 183	107	65	12/01/93
13	os186 (n,2p)	)w 185	111	21	12/01/93
14	os186 (n,nd*)	)re184m	332	31	12/01/93
15	os186 (n,p*)	)re186m	403	82	12/01/93
16	os186 (n,t*)	)re184m	405	54	12/01/93
17	os186 (n,a*)	)w 183m	407	65	12/01/93
18	os186 (n,2p*)	)w 185m	411	21	12/01/93

1	os187 (n,2n)	)os186	16	37	12/01/93
2	os187 (n,3n)	)os185	17	20	12/01/93
3	os187 (n,na)	)w 183	22	79	12/01/93
4	os187 (n,np)	)re186	28	47	12/01/93
5	os187 (n,nd)	)re185	32	37	12/01/93
6	os187 (n,nt)	)re184	33	25	12/01/93
7	os187 (n,g)	)os188	102	26010	12/01/93
8	os187 (n,p)	)re187	103	86	12/01/93
9	os187 (n,d)	)re186	104	58	12/01/93
10	os187 (n,t)	)re185	105	58	12/01/93
11	os187 (n,h)	)w 185	106	21	12/01/93
12	os187 (n,a)	)w 184	107	75	12/01/93
13	os187 (n,2p)	)w 186	111	25	12/01/93
14	os187 (n,na*)	)w 183m	322	79	12/01/93
15	os187 (n,np*)	)re186m	328	47	12/01/93
16	os187 (n,nt*)	)re184m	333	25	12/01/93
17	os187 (n,d*)	)re186m	404	58	12/01/93
18	os187 (n,h*)	)w 185m	406	21	12/01/93

#	target	product	mt	# engeries	date
1	os188 (n,2n)	)os187	16	35	12/01/93
2	os188 (n,3n)	)os186	17	23	12/01/93
3	os188 (n,na)	)w 184	22	65	12/01/93
4	os188 (n,np)	)re187	28	48	12/01/93
5	os188 (n,nd)	)re186	32	31	12/01/93
6	os188 (n,nt)	)re185	33	25	12/01/93
7	os188 (n,g)	)os189	102	4997	12/01/93
8	os188 (n,p)	)re188	103	33	12/01/93
9	os188 (n,d)	)re187	104	55	12/01/93
10	os188 (n,t)	)re186	105	52	12/01/93
11	os188 (n,h)	)w 186	106	19	12/01/93
12	os188 (n,a)	)w 185	107	65	12/01/93
13	os188 (n,2p)	)w 187	111	15	12/01/93
14	os188 (n,nd*)	)re186m	332	30	12/01/93
15	os188 (n,g*)	)os189m	402	4996	12/01/93
16	os188 (n,p*)	)re188m	403	33	12/01/93
17	os188 (n,t*)	)re186m	405	52	12/01/93
18	os188 (n,a*)	)w 185m	407	65	12/01/93

#	target	product	mt	# enseries	date
1	os189 (n,n	)os189	4	1	12/01/93
2	os189 (n,2n	)os188	16	40	12/01/93
3	os189 (n,3n	)os187	17	22	12/01/93
4	os189 (n,na	)w 185	22	72	12/01/93
5	os189 (n,np	)re188	28	45	12/01/93
6	os189 (n,nd	)re187	32	38	12/01/93
7	os189 (n,nt	)re186	33	25	12/01/93
8	os189 (n,g	)os190	102	1243	12/01/93
9	os189 (n,p	)re189	103	82	12/01/93
10	os189 (n,d	)re188	104	54	12/01/93
11	os189 (n,t	)re187	105	56	12/01/93
12	os189 (n,h	)w 187	106	17	12/01/93
13	os189 (n,a	)w 186	107	68	12/01/93
14	os189 (n,2p	)w 188	111	19	12/01/93
15	os189 (n,n*	)os189m	304	53	12/01/93
16	os189 (n,na*	)w 185m	322	72	12/01/93
17	os189 (n,np*	)re188m	328	45	12/01/93
18	os189 (n,nt*	)re186m	333	25	12/01/93
19	os189 (n,g*	)os190m	402	1243	12/01/93
20	os189 (n,d*	)re188m	404	54	12/01/93

#	target	product	mt	# enseries	date
1	os190 (n,n	)os190	4	1	12/01/93
2	os190 (n,2n	)os189	16	41	12/01/93
3	os190 (n,3n	)os188	17	24	12/01/93
4	os190 (n,na	)w 186	22	60	12/01/93
5	os190 (n,np	)re189	28	45	12/01/93
6	os190 (n,nd	)re188	32	30	12/01/93
7	os190 (n,nt	)re187	33	23	12/01/93
8	os190 (n,g	)os191	102	2294	12/01/93
9	os190 (n,p	)re190	103	69	12/01/93
10	os190 (n,d	)re189	104	53	12/01/93
11	os190 (n,t	)re188	105	50	12/01/93
12	os190 (n,h	)w 188	106	13	12/01/93
13	os190 (n,a	)w 187	107	15	12/01/93
14	os190 (n,2p	)w 189	111	9	12/01/93
15	os190 (n,n*	)os190m	304	54	12/01/93
16	os190 (n,2n*	)os189m	316	41	12/01/93
17	os190 (n,nd*	)re188m	332	29	12/01/93
18	os190 (n,g*	)os191m	402	2293	12/01/93
19	os190 (n,p*	)re190m	403	69	12/01/93
20	os190 (n,t*	)re188m	405	50	12/01/93

1	os191 (n,n	)os191	4	1	12/01/93
2	os191 (n,2n	)os190	16	39	12/01/93
3	os191 (n,3n	)os189	17	21	12/01/93
4	os191 (n,na	)w 187	22	68	12/01/93
5	os191 (n,np	)re190	28	43	12/01/93
6	os191 (n,nd	)re189	32	35	12/01/93
7	os191 (n,nt	)re188	33	23	12/01/93
8	os191 (n,g	)os192	102	394	12/01/93
9	os191 (n,p	)re191	103	74	12/01/93
10	os191 (n,d	)re190	104	51	12/01/93
11	os191 (n,t	)re189	105	53	12/01/93
12	os191 (n,h	)w 189	106	9	12/01/93
13	os191 (n,a	)w 188	107	62	12/01/93
14	os191 (n,2p	)w 190	111	13	12/01/93
15	os191 (n,n*	)os191m	304	50	12/01/93
16	os191 (n,2n*	)os190m	316	30	12/01/93
17	os191 (n,3n*	)os189m	317	21	12/01/93
18	os191 (n,np*	)re190m	328	43	12/01/93
19	os191 (n,nt*	)re188m	333	23	12/01/93
20	os191 (n,g*	)os192m	402	394	12/01/93
21	os191 (n,d*	)re190m	404	51	12/01/93

#	target	product	mt	# engeries	date
1	os191m(n,n	)os191	4	52	12/01/93
2	os191m(n,2n	)os190	16	39	12/01/93
3	os191m(n,3n	)os189	17	21	12/01/93
4	os191m(n,na	)w 187	22	68	12/01/93
5	os191m(n,np	)re190	28	43	12/01/93
6	os191m(n,nd	)re189	32	35	12/01/93
7	os191m(n,nt	)re188	33	23	12/01/93
8	os191m(n,g	)os192	102	393	12/01/93
9	os191m(n,p	)re191	103	74	12/01/93
10	os191m(n,d	)re190	104	51	12/01/93
11	os191m(n,t	)re189	105	53	12/01/93
12	os191m(n,h	)w 189	106	9	12/01/93
13	os191m(n,a	)w 188	107	62	12/01/93
14	os191m(n,2p	)w 190	111	13	12/01/93
15	os191m(n,2n*	)os190m	316	30	12/01/93
16	os191m(n,3n*	)os189m	317	21	12/01/93
17	os191m(n,np*	)re190m	328	43	12/01/93
18	os191m(n,nt*	)re188m	333	23	12/01/93
19	os191m(n,g*	)os192m	402	393	12/01/93
20	os191m(n,d*	)re190m	404	51	12/01/93

1	os192 (n,n	)os192	4	1	12/01/93
2	os192 (n,2n	)os191	16	40	12/01/93
3	os192 (n,3n	)os190	17	26	12/01/93
4	os192 (n,na	)w 188	22	54	12/01/93
5	os192 (n,np	)re191	28	41	12/01/93
6	os192 (n,nd	)re190	32	27	12/01/93
7	os192 (n,nt	)re189	33	21	12/01/93
8	os192 (n,nh	)w 189	34	2	12/01/93
9	os192 (n,g	)os193	102	989	12/01/93
10	os192 (n,p	)re192	103	64	12/01/93
11	os192 (n,d	)re191	104	50	12/01/93
12	os192 (n,t	)re190	105	49	12/01/93
13	os192 (n,h	)w 190	106	4	12/01/93
14	os192 (n,a	)w 189	107	51	12/01/93
15	os192 (n,2p	)w 191	111	2	12/01/93
16	os192 (n,n*	)os192m	304	60	12/01/93
17	os192 (n,2n*	)os191m	316	40	12/01/93
18	os192 (n,3n*	)os190m	317	13	12/01/93
19	os192 (n,nd*	)re190m	332	27	12/01/93
20	os192 (n,t*	)re190m	405	49	12/01/93

#	target	product	mt	# engeries	date
1	os193 (n,2n	)os192	16	40	12/01/93
2	os193 (n,3n	)os191	17	25	12/01/93
3	os193 (n,na	)w 189	22	60	12/01/93
4	os193 (n,np	)re192	28	41	12/01/93
5	os193 (n,nd	)re191	32	33	12/01/93
6	os193 (n,nt	)re190	33	21	12/01/93
7	os193 (n,g	)os194	102	377	12/01/93
8	os193 (n,p	)re193	103	69	12/01/93
9	os193 (n,d	)re192	104	47	12/01/93
10	os193 (n,t	)re191	105	51	12/01/93
11	os193 (n,h	)w 191	106	4	12/01/93
12	os193 (n,a	)w 190	107	53	12/01/93
13	os193 (n,2p	)w 192	111	7	12/01/93
14	os193 (n,2n*	)os192m	316	32	12/01/93
15	os193 (n,3n*	)os191m	317	25	12/01/93
16	os193 (n,nt*	)re190m	333	21	12/01/93

1	os194 (n,2n	)os193	16	42	12/01/93
2	os194 (n,3n	)os192	17	25	12/01/93
3	os194 (n,na	)w 190	22	35	12/01/93
4	os194 (n,np	)re193	28	44	12/01/93
5	os194 (n,nd	)re192	32	25	12/01/93
6	os194 (n,nt	)re191	33	21	12/01/93
7	os194 (n,nh	)w 191	34	2	12/01/93
8	os194 (n,g	)os195	102	367	12/01/93
9	os194 (n,p	)re194	103	59	12/01/93
10	os194 (n,d	)re193	104	48	12/01/93
11	os194 (n,t	)re192	105	45	12/01/93
12	os194 (n,h	)w 192	106	2	12/01/93
13	os194 (n,a	)w 191	107	50	12/01/93

# target	product	mt	# engeries	date
14 os194 (n,2p)	)w 193	111	2	12/01/93
15 os194 (n,3n*)	)os192m	317	13	12/01/93
1 ir188 (n,2n)	)ir187	16	28	12/01/93
2 ir188 (n,3n)	)ir186	17	21	12/01/93
3 ir188 (n,na)	)re184	22	85	12/01/93
4 ir188 (n,np)	)os187	28	53	12/01/93
5 ir188 (n,nd)	)os186	32	44	12/01/93
6 ir188 (n,nt)	)os185	33	31	12/01/93
7 ir188 (n,g)	)ir189	102	399	12/01/93
8 ir188 (n,p)	)os188	103	90	12/01/93
9 ir188 (n,d)	)os187	104	66	12/01/93
10 ir188 (n,t)	)os186	105	67	12/01/93
11 ir188 (n,h)	)re186	106	27	12/01/93
12 ir188 (n,a)	)re185	107	79	12/01/93
13 ir188 (n,2p)	)re187	111	31	12/01/93
14 ir188 (n,3n*)	)ir186m	317	21	12/01/93
15 ir188 (n,na*)	)re184m	322	85	12/01/93
16 ir188 (n,h*)	)re186m	406	27	12/01/93

# target	product	mt	# engeries	date
1 ir189 (n,2n)	)ir188	16	33	12/01/93
2 ir189 (n,3n)	)ir187	17	20	12/01/93
3 ir189 (n,na)	)re185	22	69	12/01/93
4 ir189 (n,np)	)os188	28	54	12/01/93
5 ir189 (n,nd)	)os187	32	38	12/01/93
6 ir189 (n,nt)	)os186	33	31	12/01/93
7 ir189 (n,g)	)ir190	102	407	12/01/93
8 ir189 (n,p)	)os189	103	93	12/01/93
9 ir189 (n,d)	)os188	104	64	12/01/93
10 ir189 (n,t)	)os187	105	58	12/01/93
11 ir189 (n,h)	)re187	106	23	12/01/93
12 ir189 (n,a)	)re186	107	69	12/01/93
13 ir189 (n,2p)	)re188	111	23	12/01/93
14 ir189 (n,g*)	)ir190m	402	407	12/01/93
15 ir189 (n,p*)	)os189m	403	93	12/01/93
16 ir189 (n,a*)	)re186m	407	69	12/01/93
17 ir189 (n,2p*)	)re188m	411	23	12/01/93
18 ir189 (n,g**)	)ir190n	702	407	12/01/93
1 ir190 (n,n)	)ir190	4	1	12/01/93
2 ir190 (n,2n)	)ir189	16	36	12/01/93
3 ir190 (n,3n)	)ir188	17	20	12/01/93
4 ir190 (n,na)	)re186	22	76	12/01/93
5 ir190 (n,np)	)os189	28	48	12/01/93
6 ir190 (n,nd)	)os188	32	44	12/01/93
7 ir190 (n,nt)	)os187	33	31	12/01/93
8 ir190 (n,g)	)ir191	102	398	12/01/93
9 ir190 (n,p)	)os190	103	91	12/01/93
10 ir190 (n,d)	)os189	104	61	12/01/93
11 ir190 (n,t)	)os188	105	64	12/01/93
12 ir190 (n,h)	)re188	106	21	12/01/93
13 ir190 (n,a)	)re187	107	76	12/01/93
14 ir190 (n,2p)	)re189	111	26	12/01/93
15 ir190 (n,n*)	)ir190m	304	56	12/01/93
16 ir190 (n,na*)	)re186m	322	76	12/01/93
17 ir190 (n,np*)	)os189m	328	48	12/01/93
18 ir190 (n,g*)	)ir191m	402	398	12/01/93
19 ir190 (n,p*)	)os190m	403	91	12/01/93
20 ir190 (n,d*)	)os189m	404	61	12/01/93
21 ir190 (n,h*)	)re188m	406	21	12/01/93
22 ir190 (n,n**)	)ir190n	604	58	12/01/93
23 ir190 (n,g**)	)ir191n	702	398	12/01/93

#	target	product	mt	# enseries	date
1	ir191 (n,n	)ir191	4	1	12/01/93
2	ir191 (n,2n	)ir190	16	31	12/01/93
3	ir191 (n,3n	)ir189	17	23	12/01/93
4	ir191 (n,na	)re187	22	64	12/01/93
5	ir191 (n,np	)os190	28	54	12/01/93
6	ir191 (n,nd	)os189	32	36	12/01/93
7	ir191 (n,nt	)os188	33	31	12/01/93
8	ir191 (n,g	)ir192	102	7426	12/01/93
9	ir191 (n,p	)os191	103	88	12/01/93
10	ir191 (n,d	)os190	104	62	12/01/93
11	ir191 (n,t	)os189	105	57	12/01/93
12	ir191 (n,h	)re189	106	17	12/01/93
13	ir191 (n,a	)re188	107	61	12/01/93
14	ir191 (n,2p	)re190	111	17	12/01/93
15	ir191 (n,n*	)ir191m	304	46	12/01/93
16	ir191 (n,2n*	)ir190m	316	31	12/01/93
17	ir191 (n,np*	)os190m	328	45	12/01/93
18	ir191 (n,nd*	)os189m	332	36	12/01/93
19	ir191 (n,g*	)ir192m	402	7431	12/01/93
20	ir191 (n,p*	)os191m	403	88	12/01/93
21	ir191 (n,d*	)os190m	404	60	12/01/93
22	ir191 (n,t*	)os189m	405	57	12/01/93
23	ir191 (n,a*	)re188m	407	61	12/01/93
24	ir191 (n,2p*	)re190m	411	17	12/01/93
25	ir191 (n,n**	)ir191n	604	57	12/01/93
26	ir191 (n,2n**	)ir190n	616	31	12/01/93
27	ir191 (n,g**	)ir192n	702	7421	12/01/93

#	target	product	mt	# enseries	date
1	ir192 (n,n	)ir192	4	1	12/01/93
2	ir192 (n,2n	)ir191	16	36	12/01/93
3	ir192 (n,3n	)ir190	17	22	12/01/93
4	ir192 (n,na	)re188	22	69	12/01/93
5	ir192 (n,np	)os191	28	50	12/01/93
6	ir192 (n,nd	)os190	32	42	12/01/93
7	ir192 (n,nt	)os189	33	29	12/01/93
8	ir192 (n,g	)ir193	102	933	12/01/93
9	ir192 (n,p	)os192	103	93	12/01/93
10	ir192 (n,d	)os191	104	59	12/01/93
11	ir192 (n,t	)os190	105	62	12/01/93
12	ir192 (n,h	)re190	106	15	12/01/93
13	ir192 (n,a	)re189	107	66	12/01/93
14	ir192 (n,2p	)re191	111	21	12/01/93
15	ir192 (n,n*	)ir192m	304	57	12/01/93
16	ir192 (n,2n*	)ir191m	316	36	12/01/93
17	ir192 (n,3n*	)ir190m	317	22	12/01/93
18	ir192 (n,na*	)re188m	322	69	12/01/93
19	ir192 (n,np*	)os191m	328	50	12/01/93
20	ir192 (n,nd*	)os190m	332	36	12/01/93
21	ir192 (n,nt*	)os189m	333	29	12/01/93
22	ir192 (n,g*	)ir193m	402	933	12/01/93
23	ir192 (n,p*	)os192m	403	93	12/01/93
24	ir192 (n,d*	)os191m	404	59	12/01/93
25	ir192 (n,t*	)os190m	405	60	12/01/93
26	ir192 (n,h*	)re190m	406	15	12/01/93
27	ir192 (n,n**	)ir192n	604	65	12/01/93
28	ir192 (n,2n**	)ir191n	616	27	12/01/93
29	ir192 (n,3n**	)ir190n	617	18	12/01/93

#	target	product	mt	# enseries	date
1	ir192m(n,n	)ir192	4	57	12/01/93
2	ir192m(n,2n	)ir191	16	36	12/01/93
3	ir192m(n,3n	)ir190	17	22	12/01/93
4	ir192m(n,na	)re188	22	69	12/01/93
5	ir192m(n,np	)os191	28	50	12/01/93
6	ir192m(n,nd	)os190	32	42	12/01/93
7	ir192m(n,nt	)os189	33	29	12/01/93
8	ir192m(n,g	)ir193	102	933	12/01/93
9	ir192m(n,p	)os192	103	93	12/01/93
10	ir192m(n,d	)os191	104	59	12/01/93
11	ir192m(n,t	)os190	105	62	12/01/93
12	ir192m(n,h	)re190	106	15	12/01/93
13	ir192m(n,a	)re189	107	66	12/01/93

# target	product	mt	# engeries	date
14	ir192m(n,2p)	re191 111	21	12/01/93
15	ir192m(n,n*)	ir192m 304	57	12/01/93
16	ir192m(n,2n*)	ir191m 316	36	12/01/93
17	ir192m(n,3n*)	ir190m 317	22	12/01/93
18	ir192m(n,na*)	re188m 322	69	12/01/93
19	ir192m(n,np*)	os191m 328	50	12/01/93
20	ir192m(n,nd*)	os190m 332	34	12/01/93
21	ir192m(n,nt*)	os189m 333	29	12/01/93
22	ir192m(n,g*)	ir193m 402	933	12/01/93
23	ir192m(n,p*)	os192m 403	93	12/01/93
24	ir192m(n,d*)	os191m 404	59	12/01/93
25	ir192m(n,t*)	os190m 405	60	12/01/93
26	ir192m(n,h*)	re190m 406	15	12/01/93
27	ir192m(n,2n**)	ir191n 616	27	12/01/93
28	ir192m(n,3n**)	ir190n 617	18	12/01/93

# target	product	mt	# engeries	date
1	ir193 (n,n)	ir193 4	1	12/01/93
2	ir193 (n,2n)	ir192 16	33	12/01/93
3	ir193 (n,3n)	ir191 17	20	12/01/93
4	ir193 (n,na)	re189 22	61	12/01/93
5	ir193 (n,np)	os192 28	52	12/01/93
6	ir193 (n,nd)	os191 32	34	12/01/93
7	ir193 (n,nt)	os190 33	29	12/01/93
8	ir193 (n,nh)	re190 34	2	12/01/93
9	ir193 (n,g)	ir194 102	7677	12/01/93
10	ir193 (n,p)	os193 103	84	12/01/93
11	ir193 (n,d)	os192 104	58	12/01/93
12	ir193 (n,t)	os191 105	55	12/01/93
13	ir193 (n,h)	re191 106	11	12/01/93
14	ir193 (n,a)	re190 107	55	12/01/93
15	ir193 (n,2p)	re192 111	11	12/01/93
16	ir193 (n,n*)	ir193m 304	57	12/01/93
17	ir193 (n,2n*)	ir192m 316	33	12/01/93
18	ir193 (n,3n*)	ir191m 317	19	12/01/93
19	ir193 (n,np*)	os192m 328	43	12/01/93
20	ir193 (n,nd*)	os191m 332	34	12/01/93
21	ir193 (n,nt*)	os190m 333	29	12/01/93
22	ir193 (n,nh*)	re190m 334	2	12/01/93
23	ir193 (n,g*)	ir194m 402	7701	12/01/93
24	ir193 (n,d*)	os192m 404	56	12/01/93
25	ir193 (n,t*)	os191m 405	55	12/01/93
26	ir193 (n,a*)	re190m 407	55	12/01/93
27	ir193 (n,2n**)	ir192n 616	33	12/01/93
28	ir193 (n,3n**)	ir191n 617	10	12/01/93

# target	product	mt	# engeries	date
1	ir193m(n,n)	ir193 4	60	12/01/93
2	ir193m(n,2n)	ir192 16	33	12/01/93
3	ir193m(n,3n)	ir191 17	20	12/01/93
4	ir193m(n,na)	re189 22	61	12/01/93
5	ir193m(n,np)	os192 28	49	12/01/93
6	ir193m(n,nd)	os191 32	34	12/01/93
7	ir193m(n,nt)	os190 33	29	12/01/93
8	ir193m(n,g)	ir194 102	7677	12/01/93
9	ir193m(n,p)	os193 103	84	12/01/93
10	ir193m(n,d)	os192 104	58	12/01/93
11	ir193m(n,t)	os191 105	55	12/01/93
12	ir193m(n,h)	re191 106	11	12/01/93
13	ir193m(n,a)	re190 107	55	12/01/93
14	ir193m(n,2n*)	ir192m 316	33	12/01/93
15	ir193m(n,3n*)	ir191m 317	19	12/01/93
16	ir193m(n,np*)	os192m 328	41	12/01/93
17	ir193m(n,nd*)	os191m 332	34	12/01/93
18	ir193m(n,nt*)	os190m 333	29	12/01/93
19	ir193m(n,g*)	ir194m 402	7701	12/01/93
20	ir193m(n,d*)	os192m 404	56	12/01/93
21	ir193m(n,t*)	os191m 405	55	12/01/93
22	ir193m(n,a*)	re190m 407	55	12/01/93
23	ir193m(n,2n**)	ir192n 616	29	12/01/93
24	ir193m(n,3n**)	ir191n 617	10	12/01/93

#	target	product	mt	# engseries	date
1	ir194 (n,n)	ir194	4	1	12/01/93
2	ir194 (n,2n)	ir193	16	36	12/01/93
3	ir194 (n,3n)	ir192	17	24	12/01/93
4	ir194 (n,na)	re190	22	63	12/01/93
5	ir194 (n,np)	os193	28	49	12/01/93
6	ir194 (n,nd)	os192	32	41	12/01/93
7	ir194 (n,nt)	os191	33	27	12/01/93
8	ir194 (n,g)	ir195	102	396	12/01/93
9	ir194 (n,p)	os194	103	87	12/01/93
10	ir194 (n,d)	os193	104	55	12/01/93
11	ir194 (n,t)	os192	105	59	12/01/93
12	ir194 (n,h)	re192	106	7	12/01/93
13	ir194 (n,a)	re191	107	59	12/01/93
14	ir194 (n,2p)	re193	111	15	12/01/93
15	ir194 (n,n*)	ir194m	304	111	12/01/93
16	ir194 (n,2n*)	ir193m	316	36	12/01/93
17	ir194 (n,3n*)	ir192m	317	24	12/01/93
18	ir194 (n,na*)	re190m	322	63	12/01/93
19	ir194 (n,nd*)	os192m	332	33	12/01/93
20	ir194 (n,nt*)	os191m	333	27	12/01/93
21	ir194 (n,g*)	ir195m	402	396	12/01/93
22	ir194 (n,t*)	os192m	405	55	12/01/93
23	ir194 (n,3n**)	ir192n	617	19	12/01/93

#	target	product	mt	# engseries	date
1	ir194m(n,n)	ir194	4	55	12/01/93
2	ir194m(n,2n)	ir193	16	33	12/01/93
3	ir194m(n,3n)	ir192	17	19	12/01/93
4	ir194m(n,na)	re190	22	63	12/01/93
5	ir194m(n,np)	os193	28	46	12/01/93
6	ir194m(n,nd)	os192	32	38	12/01/93
7	ir194m(n,nt)	os191	33	27	12/01/93
8	ir194m(n,g)	ir195	102	395	12/01/93
9	ir194m(n,p)	os194	103	87	12/01/93
10	ir194m(n,d)	os193	104	55	12/01/93
11	ir194m(n,t)	os192	105	59	12/01/93
12	ir194m(n,h)	re192	106	7	12/01/93
13	ir194m(n,a)	re191	107	59	12/01/93
14	ir194m(n,2p)	re193	111	15	12/01/93
15	ir194m(n,2n*)	ir193m	316	33	12/01/93
16	ir194m(n,3n*)	ir192m	317	24	12/01/93
17	ir194m(n,na*)	re190m	322	63	12/01/93
18	ir194m(n,nd*)	os192m	332	31	12/01/93
19	ir194m(n,nt*)	os191m	333	27	12/01/93
20	ir194m(n,g*)	ir195m	402	395	12/01/93
21	ir194m(n,t*)	os192m	405	53	12/01/93
22	ir194m(n,3n**)	ir192n	617	19	12/01/93

1	ir196m(n,n)	ir196	4	57	12/01/93
2	ir196m(n,2n)	ir195	16	41	12/01/93
3	ir196m(n,3n)	ir194	17	20	12/01/93
4	ir196m(n,na)	re192	22	60	12/01/93
5	ir196m(n,np)	os195	28	46	12/01/93
6	ir196m(n,nd)	os194	32	38	12/01/93
7	ir196m(n,nt)	os193	33	29	12/01/93
8	ir196m(n,nh)	re193	34	2	12/01/93
9	ir196m(n,g)	ir197	102	368	12/01/93
10	ir196m(n,p)	os196	103	79	12/01/93
11	ir196m(n,d)	os195	104	54	12/01/93
12	ir196m(n,t)	os194	105	58	12/01/93
13	ir196m(n,h)	re194	106	2	12/01/93
14	ir196m(n,a)	re193	107	54	12/01/93
15	ir196m(n,2p)	re195	111	7	12/01/93
16	ir196m(n,2n*)	ir195m	316	41	12/01/93
17	ir196m(n,3n*)	ir194m	317	20	12/01/93
18	ir196m(n,g*)	ir197m	402	368	12/01/93

#	target	product	mt	# engeries	date
1	pt188 (n,2n)	)pt187	16	26	12/01/93
2	pt188 (n,3n)	)pt186	17	16	12/01/93
3	pt188 (n,na)	)os184	22	80	12/01/93
4	pt188 (n,np)	)ir187	28	53	12/01/93
5	pt188 (n,nd)	)ir186	32	32	12/01/93
6	pt188 (n,nt)	)ir185	33	23	12/01/93
7	pt188 (n,nh)	)os185	34	2	12/01/93
8	pt188 (n,g)	)pt189	102	395	12/01/93
9	pt188 (n,p)	)ir188	103	94	12/01/93
10	pt188 (n,d)	)ir187	104	63	12/01/93
11	pt188 (n,t)	)ir186	105	54	12/01/93
12	pt188 (n,h)	)os186	106	33	12/01/93
13	pt188 (n,a)	)os185	107	75	12/01/93
14	pt188 (n,2p)	)os187	111	28	12/01/93
15	pt188 (n,nd*)	)ir186m	332	32	12/01/93
16	pt188 (n,t*)	)ir186m	405	54	12/01/93

1	pt189 (n,2n)	)pt188	16	31	12/01/93
2	pt189 (n,3n)	)pt187	17	18	12/01/93
3	pt189 (n,na)	)os185	22	91	12/01/93
4	pt189 (n,np)	)ir188	28	48	12/01/93
5	pt189 (n,nd)	)ir187	32	40	12/01/93
6	pt189 (n,nt)	)ir186	33	23	12/01/93
7	pt189 (n,nh)	)os186	34	2	12/01/93
8	pt189 (n,g)	)pt190	102	397	12/01/93
9	pt189 (n,p)	)ir189	103	93	12/01/93
10	pt189 (n,d)	)ir188	104	60	12/01/93
11	pt189 (n,t)	)ir187	105	58	12/01/93
12	pt189 (n,h)	)os187	106	29	12/01/93
13	pt189 (n,a)	)os186	107	84	12/01/93
14	pt189 (n,2p)	)os188	111	32	12/01/93
15	pt189 (n,nt*)	)ir186m	333	23	12/01/93

1	pt190 (n,2n)	)pt189	16	30	12/01/93
2	pt190 (n,3n)	)pt188	17	17	12/01/93
3	pt190 (n,na)	)os186	22	74	12/01/93
4	pt190 (n,np)	)ir189	28	50	12/01/93
5	pt190 (n,nd)	)ir188	32	31	12/01/93
6	pt190 (n,nt)	)ir187	33	21	12/01/93
7	pt190 (n,g)	)pt191	102	671	12/01/93
8	pt190 (n,p)	)ir190	103	83	12/01/93
9	pt190 (n,d)	)ir189	104	58	12/01/93
10	pt190 (n,t)	)ir188	105	52	12/01/93
11	pt190 (n,h)	)os188	106	27	12/01/93
12	pt190 (n,a)	)os187	107	70	12/01/93
13	pt190 (n,2p)	)os189	111	23	12/01/93
14	pt190 (n,p*)	)ir190m	403	83	12/01/93
15	pt190 (n,2p*)	)os189m	411	23	12/01/93
16	pt190 (n,p**)	)ir190n	703	83	12/01/93

#	target	product	mt	# engeries	date
1	pt191 (n,2n)	)pt190	16	37	12/01/93
2	pt191 (n,3n)	)pt189	17	21	12/01/93
3	pt191 (n,na)	)os187	22	79	12/01/93
4	pt191 (n,np)	)ir190	28	48	12/01/93
5	pt191 (n,nd)	)ir189	32	40	12/01/93
6	pt191 (n,nt)	)ir188	33	23	12/01/93
7	pt191 (n,g)	)pt192	102	403	12/01/93
8	pt191 (n,p)	)ir191	103	93	12/01/93
9	pt191 (n,d)	)ir190	104	58	12/01/93
10	pt191 (n,t)	)ir189	105	56	12/01/93
11	pt191 (n,h)	)os189	106	25	12/01/93
12	pt191 (n,a)	)os188	107	81	12/01/93
13	pt191 (n,2p)	)os190	111	28	12/01/93
14	pt191 (n,np*)	)ir190m	328	48	12/01/93
15	pt191 (n,p*)	)ir191m	403	93	12/01/93
16	pt191 (n,d*)	)ir190m	404	58	12/01/93
17	pt191 (n,h*)	)os189m	406	25	12/01/93
18	pt191 (n,2p*)	)os190m	411	28	12/01/93
19	pt191 (n,np**)	)ir190n	628	48	12/01/93
20	pt191 (n,p**)	)ir191n	703	93	12/01/93
21	pt191 (n,d**)	)ir190n	704	58	12/01/93

# target	product	mt	# engeries	date
1	pt192 (n,2n)	pt191 16	30	12/01/93
2	pt192 (n,3n)	pt190 17	20	12/01/93
3	pt192 (n,na)	os188 22	65	12/01/93
4	pt192 (n,np)	ir191 28	49	12/01/93
5	pt192 (n,nd)	ir190 32	29	12/01/93
6	pt192 (n,nt)	ir189 33	21	12/01/93
7	pt192 (n,g)	pt193 102	871	12/01/93
8	pt192 (n,p)	ir192 103	80	12/01/93
9	pt192 (n,d)	ir191 104	55	12/01/93
10	pt192 (n,t)	ir190 105	50	12/01/93
11	pt192 (n,h)	os190 106	21	12/01/93
12	pt192 (n,a)	os189 107	64	12/01/93
13	pt192 (n,2p)	os191 111	17	12/01/93
14	pt192 (n,np*)	ir191m 328	49	12/01/93
15	pt192 (n,nd*)	ir190m 332	29	12/01/93
16	pt192 (n,g*)	pt193m 402	871	12/01/93
17	pt192 (n,p*)	ir192m 403	80	12/01/93
18	pt192 (n,d*)	ir191m 404	55	12/01/93
19	pt192 (n,t*)	ir190m 405	50	12/01/93
20	pt192 (n,h*)	os190m 406	21	12/01/93
21	pt192 (n,a*)	os189m 407	64	12/01/93
22	pt192 (n,2p*)	os191m 411	17	12/01/93
23	pt192 (n,np**)	ir191n 628	40	12/01/93
24	pt192 (n,nd**)	ir190n 632	29	12/01/93
25	pt192 (n,p**)	ir192n 703	80	12/01/93
26	pt192 (n,d**)	ir191n 704	53	12/01/93
27	pt192 (n,t**)	ir190n 705	50	12/01/93

# target	product	mt	# engeries	date
1	pt193 (n,n)	pt193 4	1	12/01/93
2	pt193 (n,2n)	pt192 16	31	12/01/93
3	pt193 (n,3n)	pt191 17	20	12/01/93
4	pt193 (n,na)	os189 22	73	12/01/93
5	pt193 (n,np)	ir192 28	46	12/01/93
6	pt193 (n,nd)	ir191 32	38	12/01/93
7	pt193 (n,nt)	ir190 33	21	12/01/93
8	pt193 (n,g)	pt194 102	403	12/01/93
9	pt193 (n,p)	ir193 103	86	12/01/93
10	pt193 (n,d)	ir192 104	55	12/01/93
11	pt193 (n,t)	ir191 105	55	12/01/93
12	pt193 (n,h)	os191 106	19	12/01/93
13	pt193 (n,a)	os190 107	73	12/01/93
14	pt193 (n,2p)	os192 111	23	12/01/93
15	pt193 (n,n*)	pt193m 304	57	12/01/93
16	pt193 (n,na*)	os189m 322	73	12/01/93
17	pt193 (n,np*)	ir192m 328	46	12/01/93
18	pt193 (n,nd*)	ir191m 332	38	12/01/93
19	pt193 (n,nt*)	ir190m 333	21	12/01/93
20	pt193 (n,p*)	ir193m 403	86	12/01/93
21	pt193 (n,d*)	ir192m 404	55	12/01/93
22	pt193 (n,t*)	ir191m 405	55	12/01/93
23	pt193 (n,h*)	os191m 406	19	12/01/93
24	pt193 (n,a*)	os190m 407	73	12/01/93
25	pt193 (n,2p*)	os192m 411	23	12/01/93
26	pt193 (n,np**)	ir192n 628	43	12/01/93
27	pt193 (n,nd**)	ir191n 632	28	12/01/93
28	pt193 (n,nt**)	ir190n 633	21	12/01/93
29	pt193 (n,d**)	ir192n 704	55	12/01/93
30	pt193 (n,t**)	ir191n 705	53	12/01/93

# target	product	mt	# engeries	date
1	pt193m(n,n)	pt193 4	58	12/01/93
2	pt193m(n,2n)	pt192 16	31	12/01/93
3	pt193m(n,3n)	pt191 17	17	12/01/93
4	pt193m(n,na)	os189 22	73	12/01/93
5	pt193m(n,np)	ir192 28	43	12/01/93
6	pt193m(n,nd)	ir191 32	36	12/01/93
7	pt193m(n,nt)	ir190 33	21	12/01/93
8	pt193m(n,g)	pt194 102	403	12/01/93
9	pt193m(n,p)	ir193 103	86	12/01/93
10	pt193m(n,d)	ir192 104	55	12/01/93
11	pt193m(n,t)	ir191 105	55	12/01/93

#	target	product	mt	# engeries	date
12	pt193m(n,h	)os191	106	19	12/01/93
13	pt193m(n,a	)os190	107	73	12/01/93
14	pt193m(n,2p	)os192	111	23	12/01/93
15	pt193m(n,na*	)os189m	322	73	12/01/93
16	pt193m(n,np*	)ir192m	328	46	12/01/93
17	pt193m(n,nd*	)ir191m	332	38	12/01/93
18	pt193m(n,nt*	)ir190m	333	21	12/01/93
19	pt193m(n,p*	)ir193m	403	86	12/01/93
20	pt193m(n,d*	)ir192m	404	55	12/01/93
21	pt193m(n,t*	)ir191m	405	55	12/01/93
22	pt193m(n,h*	)os191m	406	19	12/01/93
23	pt193m(n,a*	)os190m	407	73	12/01/93
24	pt193m(n,2p*	)os192m	411	23	12/01/93
25	pt193m(n,np**)	)ir192n	628	43	12/01/93
26	pt193m(n,nd**)	)ir191n	632	28	12/01/93
27	pt193m(n,nt**)	)ir190n	633	21	12/01/93
28	pt193m(n,d**)	)ir192n	704	55	12/01/93
29	pt193m(n,t**)	)ir191n	705	53	12/01/93

#	target	product	mt	# engeries	date
1	pt194 (n,2n	)pt193	16	30	12/01/93
2	pt194 (n,3n	)pt192	17	22	12/01/93
3	pt194 (n,na	)os190	22	61	12/01/93
4	pt194 (n,np	)ir193	28	47	12/01/93
5	pt194 (n,nd	)ir192	32	28	12/01/93
6	pt194 (n,nt	)ir191	33	19	12/01/93
7	pt194 (n,g	)pt195	102	1858	12/01/93
8	pt194 (n,p	)ir194	103	72	12/01/93
9	pt194 (n,d	)ir193	104	53	12/01/93
10	pt194 (n,t	)ir192	105	49	12/01/93
11	pt194 (n,h	)os192	106	15	12/01/93
12	pt194 (n,a	)os191	107	56	12/01/93
13	pt194 (n,2p	)os193	111	13	12/01/93
14	pt194 (n,2n*	)pt193m	316	30	12/01/93
15	pt194 (n,na*	)os190m	322	61	12/01/93
16	pt194 (n,np*	)ir193m	328	47	12/01/93
17	pt194 (n,nd*	)ir192m	332	28	12/01/93
18	pt194 (n,nt*	)ir191m	333	19	12/01/93
19	pt194 (n,g*	)pt195m	402	1860	12/01/93
20	pt194 (n,p*	)ir194m	403	72	12/01/93
21	pt194 (n,d*	)ir193m	404	53	12/01/93
22	pt194 (n,t*	)ir192m	405	49	12/01/93
23	pt194 (n,h*	)os192m	406	15	12/01/93
24	pt194 (n,a*	)os191m	407	56	12/01/93
25	pt194 (n,nd**)	)ir192n	632	28	12/01/93
26	pt194 (n,nt**)	)ir191n	633	19	12/01/93
27	pt194 (n,t**)	)ir192n	705	49	12/01/93

#	target	product	mt	# engeries	date
1	pt195 (n,n	)pt195	4	1	12/01/93
2	pt195 (n,2n	)pt194	16	32	12/01/93
3	pt195 (n,3n	)pt193	17	19	12/01/93
4	pt195 (n,na	)os191	22	67	12/01/93
5	pt195 (n,np	)ir194	28	44	12/01/93
6	pt195 (n,nd	)ir193	32	36	12/01/93
7	pt195 (n,nt	)ir192	33	19	12/01/93
8	pt195 (n,g	)pt196	102	8977	12/01/93
9	pt195 (n,p	)ir195	103	76	12/01/93
10	pt195 (n,d	)ir194	104	53	12/01/93
11	pt195 (n,t	)ir193	105	53	12/01/93
12	pt195 (n,h	)os193	106	13	12/01/93
13	pt195 (n,a	)os192	107	64	12/01/93
14	pt195 (n,2p	)os194	111	17	12/01/93
15	pt195 (n,n*	)pt195m	304	56	12/01/93
16	pt195 (n,3n*	)pt193m	317	19	12/01/93
17	pt195 (n,na*	)os191m	322	67	12/01/93
18	pt195 (n,np*	)ir194m	328	41	12/01/93
19	pt195 (n,nd*	)ir193m	332	35	12/01/93
20	pt195 (n,nt*	)ir192m	333	19	12/01/93

# target	product	mt	# engeries	date
21 pt195 (n,p*	)ir195m	403	76	12/01/93
22 pt195 (n,d*	)ir194m	404	53	12/01/93
23 pt195 (n,t*	)ir193m	405	53	12/01/93
24 pt195 (n,a*	)os192m	407	64	12/01/93
25 pt195 (n,nt**	)ir192n	633	19	12/01/93

# target	product	mt	# engeries	date
1 pt195m(n,n	)pt195	4	57	12/01/93
2 pt195m(n,2n	)pt194	16	32	12/01/93
3 pt195m(n,3n	)pt193	17	19	12/01/93
4 pt195m(n,na	)os191	22	67	12/01/93
5 pt195m(n,np	)ir194	28	44	12/01/93
6 pt195m(n,nd	)ir193	32	35	12/01/93
7 pt195m(n,nt	)ir192	33	19	12/01/93
8 pt195m(n,g	)pt196	102	8977	12/01/93
9 pt195m(n,p	)ir195	103	76	12/01/93
10 pt195m(n,d	)ir194	104	53	12/01/93
11 pt195m(n,t	)ir193	105	53	12/01/93
12 pt195m(n,h	)os193	106	13	12/01/93
13 pt195m(n,a	)os192	107	64	12/01/93
14 pt195m(n,2p	)os194	111	17	12/01/93
15 pt195m(n,3n*	)pt193m	317	19	12/01/93
16 pt195m(n,na*	)os191m	322	67	12/01/93
17 pt195m(n,np*	)ir194m	328	41	12/01/93
18 pt195m(n,nd*	)ir193m	332	35	12/01/93
19 pt195m(n,nt*	)ir192m	333	19	12/01/93
20 pt195m(n,p*	)ir195m	403	76	12/01/93
21 pt195m(n,d*	)ir194m	404	53	12/01/93
22 pt195m(n,t*	)ir193m	405	53	12/01/93
23 pt195m(n,a*	)os192m	407	64	12/01/93
24 pt195m(n,nt**	)ir192n	633	19	12/01/93

1 pt196 (n,2n	)pt195	16	40	12/01/93
2 pt196 (n,3n	)pt194	17	20	12/01/93
3 pt196 (n,na	)os192	22	59	12/01/93
4 pt196 (n,np	)ir195	28	46	12/01/93
5 pt196 (n,nd	)ir194	32	29	12/01/93
6 pt196 (n,nt	)ir193	33	19	12/01/93
7 pt196 (n,g	)pt197	102	1595	12/01/93
8 pt196 (n,p	)ir196	103	67	12/01/93
9 pt196 (n,d	)ir195	104	50	12/01/93
10 pt196 (n,t	)ir194	105	47	12/01/93
11 pt196 (n,h	)os194	106	9	12/01/93
12 pt196 (n,a	)os193	107	53	12/01/93
13 pt196 (n,2p	)os195	111	7	12/01/93
14 pt196 (n,2n*	)pt195m	316	35	12/01/93
15 pt196 (n,na*	)os192m	322	59	12/01/93
16 pt196 (n,np*	)ir195m	328	46	12/01/93
17 pt196 (n,nd*	)ir194m	332	27	12/01/93
18 pt196 (n,nt*	)ir193m	333	19	12/01/93
19 pt196 (n,g*	)pt197m	402	1611	12/01/93
20 pt196 (n,p*	)ir196m	403	67	12/01/93
21 pt196 (n,d*	)ir195m	404	50	12/01/93
22 pt196 (n,t*	)ir194m	405	47	12/01/93

# target	product	mt	# engeries	date
1 pt197 (n,n	)pt197	4	1	12/01/93
2 pt197 (n,2n	)pt196	16	43	12/01/93
3 pt197 (n,3n	)pt195	17	24	12/01/93
4 pt197 (n,na	)os193	22	63	12/01/93
5 pt197 (n,np	)ir196	28	44	12/01/93
6 pt197 (n,nd	)ir195	32	34	12/01/93
7 pt197 (n,nt	)ir194	33	19	12/01/93
8 pt197 (n,g	)pt198	102	361	12/01/93
9 pt197 (n,p	)ir197	103	72	12/01/93
10 pt197 (n,d	)ir196	104	50	12/01/93
11 pt197 (n,t	)ir195	105	52	12/01/93
12 pt197 (n,h	)os195	106	7	12/01/93
13 pt197 (n,a	)os194	107	60	12/01/93
14 pt197 (n,2p	)os196	111	11	12/01/93
15 pt197 (n,n*	)pt197m	304	57	12/01/93
16 pt197 (n,3n*	)pt195m	317	20	12/01/93

#	target	product	mt	# engeries	date
17	pt197 (n,np*)	ir196m	328	41	12/01/93
18	pt197 (n,nd*)	ir195m	332	33	12/01/93
19	pt197 (n,nt*)	ir194m	333	19	12/01/93
20	pt197 (n,p*)	ir197m	403	72	12/01/93
21	pt197 (n,d*)	ir196m	404	50	12/01/93
22	pt197 (n,t*)	ir195m	405	52	12/01/93

1	pt198 (n,2n)	pt197	16	38	12/01/93
2	pt198 (n,3n)	pt196	17	23	12/01/93
3	pt198 (n,na)	os194	22	55	12/01/93
4	pt198 (n,np)	ir197	28	45	12/01/93
5	pt198 (n,nd)	ir196	32	27	12/01/93
6	pt198 (n,nt)	ir195	33	19	12/01/93
7	pt198 (n,nh)	os195	34	2	12/01/93
8	pt198 (n,g)	pt199	102	1477	12/01/93
9	pt198 (n,p)	ir198	103	62	12/01/93
10	pt198 (n,d)	ir197	104	49	12/01/93
11	pt198 (n,t)	ir196	105	45	12/01/93
12	pt198 (n,h)	os196	106	2	12/01/93
13	pt198 (n,a)	os195	107	50	12/01/93
14	pt198 (n,2p)	os197	111	2	12/01/93
15	pt198 (n,2n*)	pt197m	316	38	12/01/93
16	pt198 (n,np*)	ir197m	328	45	12/01/93
17	pt198 (n,nd*)	ir196m	332	25	12/01/93
18	pt198 (n,nt*)	ir195m	333	19	12/01/93
19	pt198 (n,g*)	pt199m	402	1482	12/01/93
20	pt198 (n,d*)	ir197m	404	49	12/01/93
21	pt198 (n,t*)	ir196m	405	45	12/01/93

#	target	product	mt	# engeries	date
1	au194 (n,n)	au194	4	1	12/01/93
2	au194 (n,2n)	au193	16	27	12/01/93
3	au194 (n,3n)	au192	17	20	12/01/93
4	au194 (n,na)	ir190	22	71	12/01/93
5	au194 (n,np)	pt193	28	49	12/01/93
6	au194 (n,nd)	pt192	32	43	12/01/93
7	au194 (n,nt)	pt191	33	25	12/01/93
8	au194 (n,g)	au195	102	406	12/01/93
9	au194 (n,p)	pt194	103	91	12/01/93
10	au194 (n,d)	pt193	104	62	12/01/93
11	au194 (n,t)	pt192	105	59	12/01/93
12	au194 (n,h)	ir192	106	21	12/01/93
13	au194 (n,a)	ir191	107	73	12/01/93
14	au194 (n,2p)	ir193	111	28	12/01/93
15	au194 (n,n*)	au194m	304	63	12/01/93
16	au194 (n,2n*)	au193m	316	26	12/01/93
17	au194 (n,3n*)	au192m	317	16	12/01/93
18	au194 (n,na*)	ir190m	322	70	12/01/93
19	au194 (n,np*)	pt193m	328	49	12/01/93
20	au194 (n,g*)	au195m	402	406	12/01/93
21	au194 (n,d*)	pt193m	404	62	12/01/93
22	au194 (n,h*)	ir192m	406	21	12/01/93
23	au194 (n,a*)	ir191m	407	72	12/01/93
24	au194 (n,2p*)	ir193m	411	28	12/01/93
25	au194 (n,n**)	au194n	604	63	12/01/93
26	au194 (n,na**)	ir190n	622	71	12/01/93
27	au194 (n,h**)	ir192n	706	21	12/01/93
28	au194 (n,a**)	ir191n	707	73	12/01/93

#	target	product	mt	# engeries	date
1	au195 (n,n)	au195	4	1	12/01/93
2	au195 (n,2n)	au194	16	32	12/01/93
3	au195 (n,3n)	au193	17	21	12/01/93
4	au195 (n,na)	ir191	22	62	12/01/93
5	au195 (n,np)	pt194	28	53	12/01/93
6	au195 (n,nd)	pt193	32	34	12/01/93
7	au195 (n,nt)	pt192	33	25	12/01/93
8	au195 (n,g)	au196	102	403	12/01/93
9	au195 (n,p)	pt195	103	87	12/01/93
10	au195 (n,d)	pt194	104	60	12/01/93
11	au195 (n,t)	pt193	105	53	12/01/93
12	au195 (n,h)	ir193	106	17	12/01/93

#	target	product	mt	# engeries	date
13	au195 (n,a	)ir192	107	60	12/01/93
14	au195 (n,2p	)ir194	111	19	12/01/93
15	au195 (n,n*	)au195m	304	67	12/01/93
16	au195 (n,2n*	)au194m	316	32	12/01/93
17	au195 (n,3n*	)au193m	317	17	12/01/93
18	au195 (n,na*	)ir191m	322	62	12/01/93
19	au195 (n,nd*	)pt193m	332	34	12/01/93
20	au195 (n,g*	)au196m	402	403	12/01/93
21	au195 (n,p*	)pt195m	403	87	12/01/93
22	au195 (n,t*	)pt193m	405	53	12/01/93
23	au195 (n,h*	)ir193m	406	17	12/01/93
24	au195 (n,a*	)ir192m	407	59	12/01/93
25	au195 (n,2p*	)ir194m	411	19	12/01/93
26	au195 (n,2n**)	au194n	616	28	12/01/93
27	au195 (n,na**)	ir191n	622	62	12/01/93
28	au195 (n,g**)	au196n	702	403	12/01/93
29	au195 (n,a**)	ir192n	707	60	12/01/93

#	target	product	mt	# engeries	date
1	au196 (n,n	)au196	4	1	12/01/93
2	au196 (n,2n	)au195	16	27	12/01/93
3	au196 (n,3n	)au194	17	18	12/01/93
4	au196 (n,na	)ir192	22	68	12/01/93
5	au196 (n,np	)pt195	28	50	12/01/93
6	au196 (n,nd	)pt194	32	42	12/01/93
7	au196 (n,nt	)pt193	33	23	12/01/93
8	au196 (n,g	)au197	102	403	12/01/93
9	au196 (n,p	)pt196	103	93	12/01/93
10	au196 (n,d	)pt195	104	57	12/01/93
11	au196 (n,t	)pt194	105	60	12/01/93
12	au196 (n,h	)ir194	106	15	12/01/93
13	au196 (n,a	)ir193	107	64	12/01/93
14	au196 (n,2p	)ir195	111	23	12/01/93
15	au196 (n,n*	)au196m	304	39	12/01/93
16	au196 (n,2n*	)au195m	316	25	12/01/93
17	au196 (n,3n*	)au194m	317	18	12/01/93
18	au196 (n,na*	)ir192m	322	67	12/01/93
19	au196 (n,np*	)pt195m	328	50	12/01/93
20	au196 (n,nt*	)pt193m	333	23	12/01/93
21	au196 (n,g*	)au197m	402	403	12/01/93
22	au196 (n,d*	)pt195m	404	57	12/01/93
23	au196 (n,h*	)ir194m	406	15	12/01/93
24	au196 (n,a*	)ir193m	407	64	12/01/93
25	au196 (n,2p*	)ir195m	411	23	12/01/93
26	au196 (n,n**)	au196n	604	63	12/01/93
27	au196 (n,3n**)	au194n	617	15	12/01/93
28	au196 (n,na**)	ir192n	622	68	12/01/93

#	target	product	mt	# engeries	date
1	au197 (n,n	)au197	4	1	12/01/93
2	au197 (n,2n	)au196	16	31	12/01/93
3	au197 (n,3n	)au195	17	5	12/01/93
4	au197 (n,na	)ir193	22	58	12/01/93
5	au197 (n,np	)pt196	28	52	12/01/93
6	au197 (n,nd	)pt195	32	33	12/01/93
7	au197 (n,nt	)pt194	33	25	12/01/93
8	au197 (n,g	)au198	102	1282	12/01/93
9	au197 (n,p	)pt197	103	12	12/01/93
10	au197 (n,d	)pt196	104	58	12/01/93
11	au197 (n,t	)pt195	105	54	12/01/93
12	au197 (n,h	)ir195	106	13	12/01/93
13	au197 (n,a	)ir194	107	21	12/01/93
14	au197 (n,2p	)ir196	111	13	12/01/93
15	au197 (n,n*	)au197m	304	63	12/01/93
16	au197 (n,2n*	)au196m	316	31	12/01/93
17	au197 (n,3n*	)au195m	317	17	12/01/93
18	au197 (n,na*	)ir193m	322	58	12/01/93
19	au197 (n,nd*	)pt195m	332	33	12/01/93
20	au197 (n,g*	)au198m	402	1282	12/01/93
21	au197 (n,p*	)pt197m	403	84	12/01/93

#	target	product	mt	# engeries	date
22	au197 (n,t*	)pt195m	405	54	12/01/93
23	au197 (n,h*	)ir195m	406	13	12/01/93
24	au197 (n,a*	)ir194m	407	21	12/01/93
25	au197 (n,2p*	)ir196m	411	13	12/01/93
26	au197 (n,2n**)	au196n	616	31	12/01/93

#	target	product	mt	# engeries	date
1	au198 (n,n	)au198	4	1	12/01/93
2	au198 (n,2n	)au197	16	32	12/01/93
3	au198 (n,3n	)au196	17	19	12/01/93
4	au198 (n,na	)ir194	22	62	12/01/93
5	au198 (n,np	)pt197	28	48	12/01/93
6	au198 (n,nd	)pt196	32	41	12/01/93
7	au198 (n,nt	)pt195	33	23	12/01/93
8	au198 (n,g	)au199	102	414	12/01/93
9	au198 (n,p	)pt198	103	88	12/01/93
10	au198 (n,d	)pt197	104	56	12/01/93
11	au198 (n,t	)pt196	105	56	12/01/93
12	au198 (n,h	)ir196	106	9	12/01/93
13	au198 (n,a	)ir195	107	59	12/01/93
14	au198 (n,2p	)ir197	111	15	12/01/93
15	au198 (n,n*	)au198m	304	55	12/01/93
16	au198 (n,2n*	)au197m	316	32	12/01/93
17	au198 (n,3n*	)au196m	317	19	12/01/93
18	au198 (n,na*	)ir194m	322	62	12/01/93
19	au198 (n,np*	)pt197m	328	46	12/01/93
20	au198 (n,nt*	)pt195m	333	23	12/01/93
21	au198 (n,d*	)pt197m	404	56	12/01/93
22	au198 (n,h*	)ir196m	406	9	12/01/93
23	au198 (n,a*	)ir195m	407	59	12/01/93
24	au198 (n,2p*	)ir197m	411	15	12/01/93
25	au198 (n,3n**)	au196n	617	16	12/01/93

#	target	product	mt	# engeries	date
1	au198m(n,n	)au198	4	39	12/01/93
2	au198m(n,2n	)au197	16	30	12/01/93
3	au198m(n,3n	)au196	17	16	12/01/93
4	au198m(n,na	)ir194	22	62	12/01/93
5	au198m(n,np	)pt197	28	44	12/01/93
6	au198m(n,nd	)pt196	32	38	12/01/93
7	au198m(n,nt	)pt195	33	23	12/01/93
8	au198m(n,g	)au199	102	414	12/01/93
9	au198m(n,p	)pt198	103	88	12/01/93
10	au198m(n,d	)pt197	104	56	12/01/93
11	au198m(n,t	)pt196	105	56	12/01/93
12	au198m(n,h	)ir196	106	9	12/01/93
13	au198m(n,a	)ir195	107	59	12/01/93
14	au198m(n,2p	)ir197	111	15	12/01/93
15	au198m(n,2n*	)au197m	316	27	12/01/93
16	au198m(n,3n*	)au196m	317	19	12/01/93
17	au198m(n,na*	)ir194m	322	62	12/01/93
18	au198m(n,np*	)pt197m	328	42	12/01/93
19	au198m(n,nt*	)pt195m	333	23	12/01/93
20	au198m(n,d*	)pt197m	404	56	12/01/93
21	au198m(n,h*	)ir196m	406	9	12/01/93
22	au198m(n,a*	)ir195m	407	59	12/01/93
23	au198m(n,2p*	)ir197m	411	15	12/01/93
24	au198m(n,3n**)	au196n	617	11	12/01/93

1	au199 (n,2n	)au198	16	35	12/01/93
2	au199 (n,3n	)au197	17	22	12/01/93
3	au199 (n,na	)ir195	22	55	12/01/93
4	au199 (n,np	)pt198	28	49	12/01/93
5	au199 (n,nd	)pt197	32	32	12/01/93
6	au199 (n,nt	)pt196	33	25	12/01/93
7	au199 (n,g	)au200	102	384	12/01/93
8	au199 (n,p	)pt199	103	76	12/01/93
9	au199 (n,d	)pt198	104	55	12/01/93
10	au199 (n,t	)pt197	105	52	12/01/93
11	au199 (n,h	)ir197	106	7	12/01/93
12	au199 (n,a	)ir196	107	52	12/01/93
13	au199 (n,2p	)ir198	111	7	12/01/93

#	target	product	mt	# engeries	date
14	au199 (n,2n*)	au198m	316	32	12/01/93
15	au199 (n,3n*)	au197m	317	19	12/01/93
16	au199 (n,na*)	ir195m	322	55	12/01/93
17	au199 (n,nd*)	pt197m	332	31	12/01/93
18	au199 (n,g*)	au200m	402	384	12/01/93
19	au199 (n,p*)	pt199m	403	76	12/01/93
20	au199 (n,t*)	pt197m	405	52	12/01/93
21	au199 (n,h*)	ir197m	406	7	12/01/93
22	au199 (n,a*)	ir196m	407	52	12/01/93

#	target	product	mt	# engeries	date
1	au200m(n,n)	au200	4	41	12/01/93
2	au200m(n,2n)	au199	16	31	12/01/93
3	au200m(n,3n)	au198	17	17	12/01/93
4	au200m(n,na)	ir196	22	56	12/01/93
5	au200m(n,np)	pt199	28	42	12/01/93
6	au200m(n,nd)	pt198	32	34	12/01/93
7	au200m(n,nt)	pt197	33	23	12/01/93
8	au200m(n,nh)	ir197	34	2	12/01/93
9	au200m(n,g)	au201	102	371	12/01/93
10	au200m(n,p)	pt200	103	83	12/01/93
11	au200m(n,d)	pt199	104	53	12/01/93
12	au200m(n,t)	pt198	105	54	12/01/93
13	au200m(n,h)	ir198	106	2	12/01/93
14	au200m(n,a)	ir197	107	54	12/01/93
15	au200m(n,2p)	ir199	111	9	12/01/93
16	au200m(n,3n*)	au198m	317	12	12/01/93
17	au200m(n,na*)	ir196m	322	56	12/01/93
18	au200m(n,np*)	pt199m	328	40	12/01/93
19	au200m(n,nt*)	pt197m	333	23	12/01/93
20	au200m(n,nh*)	ir197m	334	2	12/01/93
21	au200m(n,d*)	pt199m	404	53	12/01/93
22	au200m(n,a*)	ir197m	407	54	12/01/93

1	hg193 (n,n)	hg193	4	1	12/01/93
2	hg193 (n,2n)	hg192	16	25	12/01/93
3	hg193 (n,3n)	hg191	17	18	12/01/93
4	hg193 (n,na)	pt189	22	83	12/01/93
5	hg193 (n,np)	au192	28	48	12/01/93
6	hg193 (n,nd)	au191	32	38	12/01/93
7	hg193 (n,nt)	au190	33	16	12/01/93
8	hg193 (n,nh)	pt190	34	2	12/01/93
9	hg193 (n,g)	hg194	102	400	12/01/93
10	hg193 (n,p)	au193	103	91	12/01/93
11	hg193 (n,d)	au192	104	61	12/01/93
12	hg193 (n,t)	au191	105	57	12/01/93
13	hg193 (n,h)	pt191	106	29	12/01/93
14	hg193 (n,a)	pt190	107	81	12/01/93
15	hg193 (n,2p)	pt192	111	32	12/01/93
16	hg193 (n,n*)	hg193m	304	112	12/01/93
17	hg193 (n,np*)	au192m	328	45	12/01/93
18	hg193 (n,nd*)	au191m	332	37	12/01/93
19	hg193 (n,p*)	au193m	403	91	12/01/93
20	hg193 (n,d*)	au192m	404	61	12/01/93
21	hg193 (n,t*)	au191m	405	57	12/01/93

#	target	product	mt	# engeries	date
1	hg193m(n,n)	hg193	4	70	12/01/93
2	hg193m(n,2n)	hg192	16	25	12/01/93
3	hg193m(n,3n)	hg191	17	18	12/01/93
4	hg193m(n,na)	pt189	22	83	12/01/93
5	hg193m(n,np)	au192	28	48	12/01/93
6	hg193m(n,nd)	au191	32	38	12/01/93
7	hg193m(n,nt)	au190	33	16	12/01/93
8	hg193m(n,nh)	pt190	34	2	12/01/93
9	hg193m(n,g)	hg194	102	400	12/01/93
10	hg193m(n,p)	au193	103	91	12/01/93
11	hg193m(n,d)	au192	104	61	12/01/93
12	hg193m(n,t)	au191	105	57	12/01/93
13	hg193m(n,h)	pt191	106	29	12/01/93
14	hg193m(n,a)	pt190	107	81	12/01/93
15	hg193m(n,2p)	pt192	111	32	12/01/93

#	target	product	mt	# engeries	date
16	hg193m(n,np*)	au192m	328	45	12/01/93
17	hg193m(n,nd*)	au191m	332	37	12/01/93
18	hg193m(n,p*)	au193m	403	91	12/01/93
19	hg193m(n,d*)	au192m	404	61	12/01/93
20	hg193m(n,t*)	au191m	405	57	12/01/93

1	hg194 (n,2n)	hg193	16	27	12/01/93
2	hg194 (n,3n)	hg192	17	17	12/01/93
3	hg194 (n,na)	pt190	22	68	12/01/93
4	hg194 (n,np)	au193	28	50	12/01/93
5	hg194 (n,nd)	au192	32	29	12/01/93
6	hg194 (n,nt)	au191	33	16	12/01/93
7	hg194 (n,g)	hg195	102	388	12/01/93
8	hg194 (n,p)	au194	103	87	12/01/93
9	hg194 (n,d)	au193	104	57	12/01/93
10	hg194 (n,t)	au192	105	49	12/01/93
11	hg194 (n,h)	pt192	106	25	12/01/93
12	hg194 (n,a)	pt191	107	68	12/01/93
13	hg194 (n,2p)	pt193	111	23	12/01/93
14	hg194 (n,2n*)	hg193m	316	27	12/01/93
15	hg194 (n,np*)	au193m	328	50	12/01/93
16	hg194 (n,nd*)	au192m	332	27	12/01/93
17	hg194 (n,nt*)	au191m	333	16	12/01/93
18	hg194 (n,g*)	hg195m	402	388	12/01/93
19	hg194 (n,p*)	au194m	403	86	12/01/93
20	hg194 (n,d*)	au193m	404	57	12/01/93
21	hg194 (n,t*)	au192m	405	49	12/01/93
22	hg194 (n,2p*)	pt193m	411	23	12/01/93
23	hg194 (n,p**)	au194n	703	87	12/01/93

#	target	product	mt	# engeries	date
1	hg195 (n,n)	hg195	4	1	12/01/93
2	hg195 (n,2n)	hg194	16	33	12/01/93
3	hg195 (n,3n)	hg193	17	19	12/01/93
4	hg195 (n,na)	pt191	22	74	12/01/93
5	hg195 (n,np)	au194	28	47	12/01/93
6	hg195 (n,nd)	au193	32	36	12/01/93
7	hg195 (n,nt)	au192	33	16	12/01/93
8	hg195 (n,g)	hg196	102	394	12/01/93
9	hg195 (n,p)	au195	103	92	12/01/93
10	hg195 (n,d)	au194	104	57	12/01/93
11	hg195 (n,t)	au193	105	55	12/01/93
12	hg195 (n,h)	pt193	106	23	12/01/93
13	hg195 (n,a)	pt192	107	78	12/01/93
14	hg195 (n,2p)	pt194	111	28	12/01/93
15	hg195 (n,n*)	hg195m	304	66	12/01/93
16	hg195 (n,3n*)	hg193m	317	19	12/01/93
17	hg195 (n,np*)	au194m	328	47	12/01/93
18	hg195 (n,nd*)	au193m	332	35	12/01/93
19	hg195 (n,nt*)	au192m	333	16	12/01/93
20	hg195 (n,p*)	au195m	403	92	12/01/93
21	hg195 (n,d*)	au194m	404	57	12/01/93
22	hg195 (n,t*)	au193m	405	55	12/01/93
23	hg195 (n,h*)	pt193m	406	23	12/01/93
24	hg195 (n,np**)	au194n	628	44	12/01/93
25	hg195 (n,d**)	au194n	704	57	12/01/93

#	target	product	mt	# engeries	date
1	hg195m(n,n)	hg195	4	67	12/01/93
2	hg195m(n,2n)	hg194	16	28	12/01/93
3	hg195m(n,3n)	hg193	17	19	12/01/93
4	hg195m(n,na)	pt191	22	74	12/01/93
5	hg195m(n,np)	au194	28	47	12/01/93
6	hg195m(n,nd)	au193	32	35	12/01/93
7	hg195m(n,nt)	au192	33	16	12/01/93
8	hg195m(n,g)	hg196	102	394	12/01/93
9	hg195m(n,p)	au195	103	92	12/01/93
10	hg195m(n,d)	au194	104	57	12/01/93
11	hg195m(n,t)	au193	105	55	12/01/93
12	hg195m(n,h)	pt193	106	23	12/01/93
13	hg195m(n,a)	pt192	107	78	12/01/93
14	hg195m(n,2p)	pt194	111	28	12/01/93

#	target	product	mt	# engeries	date
15	hg195m(n,3n*)	hg193m	317	15	12/01/93
16	hg195m(n,np*)	au194m	328	47	12/01/93
17	hg195m(n,nd*)	au193m	332	35	12/01/93
18	hg195m(n,nt*)	au192m	333	16	12/01/93
19	hg195m(n,p*)	au195m	403	92	12/01/93
20	hg195m(n,d*)	au194m	404	57	12/01/93
21	hg195m(n,t*)	au193m	405	55	12/01/93
22	hg195m(n,h*)	pt193m	406	23	12/01/93
23	hg195m(n,np**)	au194n	628	44	12/01/93
24	hg195m(n,d**)	au194n	704	57	12/01/93

#	target	product	mt	# engeries	date
1	hg196 (n,2n)	hg195	16	31	12/01/93
2	hg196 (n,3n)	hg194	17	20	12/01/93
3	hg196 (n,na)	pt192	22	62	12/01/93
4	hg196 (n,np)	au195	28	49	12/01/93
5	hg196 (n,nd)	au194	32	29	12/01/93
6	hg196 (n,nt)	au193	33	14	12/01/93
7	hg196 (n,g)	hg197	102	775	12/01/93
8	hg196 (n,p)	au196	103	83	12/01/93
9	hg196 (n,d)	au195	104	55	12/01/93
10	hg196 (n,t)	au194	105	49	12/01/93
11	hg196 (n,h)	pt194	106	21	12/01/93
12	hg196 (n,a)	pt193	107	63	12/01/93
13	hg196 (n,2p)	pt195	111	19	12/01/93
14	hg196 (n,2n*)	hg195m	316	27	12/01/93
15	hg196 (n,np*)	au195m	328	49	12/01/93
16	hg196 (n,nd*)	au194m	332	29	12/01/93
17	hg196 (n,nt*)	au193m	333	14	12/01/93
18	hg196 (n,g*)	hg197m	402	797	12/01/93
19	hg196 (n,p*)	au196m	403	83	12/01/93
20	hg196 (n,d*)	au195m	404	55	12/01/93
21	hg196 (n,t*)	au194m	405	49	12/01/93
22	hg196 (n,a*)	pt193m	407	63	12/01/93
23	hg196 (n,2p*)	pt195m	411	19	12/01/93
24	hg196 (n,nd**)	au194n	632	27	12/01/93
25	hg196 (n,p**)	au196n	703	83	12/01/93
26	hg196 (n,t**)	au194n	705	49	12/01/93

#	target	product	mt	# engeries	date
1	hg197 (n,n)	hg197	4	1	12/01/93
2	hg197 (n,2n)	hg196	16	34	12/01/93
3	hg197 (n,3n)	hg195	17	20	12/01/93
4	hg197 (n,na)	pt193	22	69	12/01/93
5	hg197 (n,np)	au196	28	47	12/01/93
6	hg197 (n,nd)	au195	32	35	12/01/93
7	hg197 (n,nt)	au194	33	14	12/01/93
8	hg197 (n,g)	hg198	102	386	12/01/93
9	hg197 (n,p)	au197	103	87	12/01/93
10	hg197 (n,d)	au196	104	55	12/01/93
11	hg197 (n,t)	au195	105	54	12/01/93
12	hg197 (n,h)	pt195	106	17	12/01/93
13	hg197 (n,a)	pt194	107	67	12/01/93
14	hg197 (n,2p)	pt196	111	23	12/01/93
15	hg197 (n,n*)	hg197m	304	62	12/01/93
16	hg197 (n,3n*)	hg195m	317	16	12/01/93
17	hg197 (n,na*)	pt193m	322	69	12/01/93
18	hg197 (n,np*)	au196m	328	47	12/01/93
19	hg197 (n,nd*)	au195m	332	34	12/01/93
20	hg197 (n,nt*)	au194m	333	14	12/01/93
21	hg197 (n,p*)	au197m	403	87	12/01/93
22	hg197 (n,d*)	au196m	404	55	12/01/93
23	hg197 (n,t*)	au195m	405	54	12/01/93
24	hg197 (n,h*)	pt195m	406	17	12/01/93
25	hg197 (n,np**)	au196n	628	44	12/01/93
26	hg197 (n,nt**)	au194n	633	14	12/01/93
27	hg197 (n,d**)	au196n	704	55	12/01/93

#	target	product	mt	# engeries	date
1	hg198 (n,2n)	hg197	16	31	12/01/93
2	hg198 (n,3n)	hg196	17	21	12/01/93
3	hg198 (n,na)	pt194	22	61	12/01/93
4	hg198 (n,np)	au197	28	46	12/01/93
5	hg198 (n,nd)	au196	32	28	12/01/93
6	hg198 (n,nt)	au195	33	14	12/01/93
7	hg198 (n,s)	hg199	102	1782	12/01/93
8	hg198 (n,p)	au198	103	74	12/01/93
9	hg198 (n,d)	au197	104	53	12/01/93
10	hg198 (n,t)	au196	105	47	12/01/93
11	hg198 (n,h)	pt196	106	15	12/01/93
12	hg198 (n,a)	pt195	107	58	12/01/93
13	hg198 (n,2p)	pt197	111	15	12/01/93
14	hg198 (n,2n*)	hg197m	316	28	12/01/93
15	hg198 (n,np*)	au197m	328	44	12/01/93
16	hg198 (n,nd*)	au196m	332	28	12/01/93
17	hg198 (n,nt*)	au195m	333	14	12/01/93
18	hg198 (n,g*)	hg199m	402	1819	12/01/93
19	hg198 (n,p*)	au198m	403	74	12/01/93
20	hg198 (n,d*)	au197m	404	53	12/01/93
21	hg198 (n,t*)	au196m	405	47	12/01/93
22	hg198 (n,a*)	pt195m	407	58	12/01/93
23	hg198 (n,2p*)	pt197m	411	15	12/01/93
24	hg198 (n,nd**)	au196n	632	26	12/01/93
25	hg198 (n,t**)	au196n	705	47	12/01/93

#	target	product	mt	# engeries	date
1	hg199 (n,n)	hg199	4	1	12/01/93
2	hg199 (n,2n)	hg198	16	30	12/01/93
3	hg199 (n,3n)	hg197	17	18	12/01/93
4	hg199 (n,na)	pt195	22	65	12/01/93
5	hg199 (n,np)	au198	28	47	12/01/93
6	hg199 (n,nd)	au197	32	34	12/01/93
7	hg199 (n,nt)	au196	33	14	12/01/93
8	hg199 (n,s)	hg200	102	2373	12/01/93
9	hg199 (n,p)	au199	103	82	12/01/93
10	hg199 (n,d)	au198	104	54	12/01/93
11	hg199 (n,t)	au197	105	52	12/01/93
12	hg199 (n,h)	pt197	106	13	12/01/93
13	hg199 (n,a)	pt196	107	61	12/01/93
14	hg199 (n,2p)	pt198	111	17	12/01/93
15	hg199 (n,n*)	hg199m	304	66	12/01/93
16	hg199 (n,3n*)	hg197m	317	18	12/01/93
17	hg199 (n,na*)	pt195m	322	65	12/01/93
18	hg199 (n,np*)	au198m	328	42	12/01/93
19	hg199 (n,nd*)	au197m	332	33	12/01/93
20	hg199 (n,nt*)	au196m	333	14	12/01/93
21	hg199 (n,d*)	au198m	404	54	12/01/93
22	hg199 (n,t*)	au197m	405	52	12/01/93
23	hg199 (n,h*)	pt197m	406	13	12/01/93
24	hg199 (n,nt**)	au196n	633	14	12/01/93

1	hg200 (n,2n)	hg199	16	30	12/01/93
2	hg200 (n,3n)	hg198	17	21	12/01/93
3	hg200 (n,na)	pt196	22	56	12/01/93
4	hg200 (n,np)	au199	28	47	12/01/93
5	hg200 (n,nd)	au198	32	28	12/01/93
6	hg200 (n,nt)	au197	33	14	12/01/93
7	hg200 (n,s)	hg201	102	1415	12/01/93
8	hg200 (n,p)	au200	103	70	12/01/93
9	hg200 (n,d)	au199	104	52	12/01/93
10	hg200 (n,t)	au198	105	47	12/01/93
11	hg200 (n,h)	pt198	106	11	12/01/93
12	hg200 (n,a)	pt197	107	54	12/01/93
13	hg200 (n,2p)	pt199	111	9	12/01/93
14	hg200 (n,2n*)	hg199m	316	29	12/01/93
15	hg200 (n,nd*)	au198m	332	26	12/01/93
16	hg200 (n,nt*)	au197m	333	14	12/01/93
17	hg200 (n,p*)	au200m	403	70	12/01/93
18	hg200 (n,t*)	au198m	405	47	12/01/93
19	hg200 (n,a*)	pt197m	407	54	12/01/93
20	hg200 (n,2p*)	pt199m	411	9	12/01/93

#	target	product	mt	# engseries	date
1	hg201 (n,2n)	hg200	16	35	12/01/93
2	hg201 (n,3n)	hg199	17	23	12/01/93
3	hg201 (n,na)	pt197	22	63	12/01/93
4	hg201 (n,np)	au200	28	45	12/01/93
5	hg201 (n,nd)	au199	32	35	12/01/93
6	hg201 (n,nt)	au198	33	17	12/01/93
7	hg201 (n,g)	hg202	102	1988	12/01/93
8	hg201 (n,p)	au201	103	74	12/01/93
9	hg201 (n,d)	au200	104	52	12/01/93
10	hg201 (n,t)	au199	105	52	12/01/93
11	hg201 (n,h)	pt199	106	7	12/01/93
12	hg201 (n,s)	pt198	107	60	12/01/93
13	hg201 (n,2p)	pt200	111	13	12/01/93
14	hg201 (n,3n*)	hg199m	317	19	12/01/93
15	hg201 (n,na*)	pt197m	322	63	12/01/93
16	hg201 (n,np*)	au200m	328	40	12/01/93
17	hg201 (n,nt*)	au198m	333	17	12/01/93
18	hg201 (n,d*)	au200m	404	52	12/01/93
19	hg201 (n,h*)	pt199m	406	7	12/01/93
1	hg202 (n,2n)	hg201	16	39	12/01/93
2	hg202 (n,3n)	hg200	17	21	12/01/93
3	hg202 (n,na)	pt198	22	53	12/01/93
4	hg202 (n,np)	au201	28	47	12/01/93
5	hg202 (n,nd)	au200	32	27	12/01/93
6	hg202 (n,nt)	au199	33	14	12/01/93
7	hg202 (n,nh)	pt199	34	2	12/01/93
8	hg202 (n,g)	hg203	102	908	12/01/93
9	hg202 (n,p)	au202	103	65	12/01/93
10	hg202 (n,d)	au201	104	50	12/01/93
11	hg202 (n,t)	au200	105	47	12/01/93
12	hg202 (n,h)	pt200	106	4	12/01/93
13	hg202 (n,a)	pt199	107	51	12/01/93
14	hg202 (n,2p)	pt201	111	2	12/01/93
15	hg202 (n,nd*)	au200m	332	24	12/01/93
16	hg202 (n,nh*)	pt199m	334	2	12/01/93
17	hg202 (n,t*)	au200m	405	47	12/01/93
18	hg202 (n,s*)	pt199m	407	51	12/01/93

#	target	product	mt	# engseries	date
1	hg203 (n,2n)	hg202	16	34	12/01/93
2	hg203 (n,3n)	hg201	17	24	12/01/93
3	hg203 (n,na)	pt199	22	56	12/01/93
4	hg203 (n,np)	au202	28	43	12/01/93
5	hg203 (n,nd)	au201	32	33	12/01/93
6	hg203 (n,nt)	au200	33	16	12/01/93
7	hg203 (n,nh)	pt200	34	2	12/01/93
8	hg203 (n,g)	hg204	102	351	12/01/93
9	hg203 (n,p)	au203	103	70	12/01/93
10	hg203 (n,d)	au202	104	48	12/01/93
11	hg203 (n,t)	au201	105	50	12/01/93
12	hg203 (n,h)	pt201	106	2	12/01/93
13	hg203 (n,a)	pt200	107	54	12/01/93
14	hg203 (n,2p)	pt202	111	9	12/01/93
15	hg203 (n,na*)	pt199m	322	56	12/01/93
16	hg203 (n,nt*)	au200m	333	16	12/01/93
1	hg204 (n,2n)	hg203	16	36	12/01/93
2	hg204 (n,3n)	hg202	17	21	12/01/93
3	hg204 (n,na)	pt200	22	50	12/01/93
4	hg204 (n,np)	au203	28	43	12/01/93
5	hg204 (n,nd)	au202	32	22	12/01/93
6	hg204 (n,nt)	au201	33	14	12/01/93
7	hg204 (n,nh)	pt201	34	2	12/01/93
8	hg204 (n,g)	hg205	102	345	12/01/93
9	hg204 (n,p)	au204	103	59	12/01/93
10	hg204 (n,d)	au203	104	47	12/01/93
11	hg204 (n,t)	au202	105	43	12/01/93
12	hg204 (n,s)	pt201	107	48	12/01/93

#	target	product	mt	# engeries	date
1	tl200 (n,2n)	tl199	16	26	12/01/93
2	tl200 (n,3n)	tl198	17	20	12/01/93
3	tl200 (n,na)	au196	22	67	12/01/93
4	tl200 (n,np)	hg199	28	51	12/01/93
5	tl200 (n,nd)	hg198	32	43	12/01/93
6	tl200 (n,nt)	hg197	33	23	12/01/93
7	tl200 (n,g)	tl201	102	396	12/01/93
8	tl200 (n,p)	hg200	103	92	12/01/93
9	tl200 (n,d)	hg199	104	59	12/01/93
10	tl200 (n,t)	hg198	105	58	12/01/93
11	tl200 (n,h)	au198	106	19	12/01/93
12	tl200 (n,a)	au197	107	68	12/01/93
13	tl200 (n,2p)	au199	111	26	12/01/93
14	tl200 (n,3n*)	tl198m	317	16	12/01/93
15	tl200 (n,na*)	au196m	322	66	12/01/93
16	tl200 (n,np*)	hg199m	328	49	12/01/93
17	tl200 (n,nt*)	hg197m	333	23	12/01/93
18	tl200 (n,d*)	hg199m	404	59	12/01/93
19	tl200 (n,h*)	au198m	406	19	12/01/93
20	tl200 (n,a*)	au197m	407	68	12/01/93
21	tl200 (n,na**)	au196m	622	67	12/01/93

1	tl201 (n,2n)	tl200	16	28	12/01/93
2	tl201 (n,3n)	tl199	17	20	12/01/93
3	tl201 (n,na)	au197	22	61	12/01/93
4	tl201 (n,np)	hg200	28	57	12/01/93
5	tl201 (n,nd)	hg199	32	35	12/01/93
6	tl201 (n,nt)	hg198	33	25	12/01/93
7	tl201 (n,g)	tl202	102	374	12/01/93
8	tl201 (n,p)	hg201	103	87	12/01/93
9	tl201 (n,d)	hg200	104	60	12/01/93
10	tl201 (n,t)	hg199	105	53	12/01/93
11	tl201 (n,h)	au199	106	15	12/01/93
12	tl201 (n,a)	au198	107	60	12/01/93
13	tl201 (n,2p)	au200	111	19	12/01/93
14	tl201 (n,na*)	au197m	322	61	12/01/93
15	tl201 (n,nd*)	hg199m	332	34	12/01/93
16	tl201 (n,t*)	hg199m	405	53	12/01/93
17	tl201 (n,a*)	au198m	407	60	12/01/93
18	tl201 (n,2p*)	au200m	411	19	12/01/93

#	target	product	mt	# engeries	date
1	tl202 (n,2n)	tl201	16	35	12/01/93
2	tl202 (n,3n)	tl200	17	18	12/01/93
3	tl202 (n,na)	au198	22	66	12/01/93
4	tl202 (n,np)	hg201	28	50	12/01/93
5	tl202 (n,nd)	hg200	32	42	12/01/93
6	tl202 (n,nt)	hg199	33	23	12/01/93
7	tl202 (n,g)	tl203	102	387	12/01/93
8	tl202 (n,p)	hg202	103	94	12/01/93
9	tl202 (n,d)	hg201	104	58	12/01/93
10	tl202 (n,t)	hg200	105	58	12/01/93
11	tl202 (n,h)	au200	106	13	12/01/93
12	tl202 (n,a)	au199	107	63	12/01/93
13	tl202 (n,2p)	au201	111	19	12/01/93
14	tl202 (n,na*)	au198m	322	66	12/01/93
15	tl202 (n,nt*)	hg199m	333	23	12/01/93
16	tl202 (n,h*)	au200m	406	13	12/01/93

1	tl203 (n,2n)	tl202	16	32	12/01/93
2	tl203 (n,3n)	tl201	17	21	12/01/93
3	tl203 (n,na)	au199	22	56	12/01/93
4	tl203 (n,np)	hg202	28	53	12/01/93
5	tl203 (n,nd)	hg201	32	34	12/01/93
6	tl203 (n,nt)	hg200	33	23	12/01/93
7	tl203 (n,g)	tl204	102	12058	12/01/93
8	tl203 (n,p)	hg203	103	81	12/01/93
9	tl203 (n,d)	hg202	104	57	12/01/93
10	tl203 (n,t)	hg201	105	52	12/01/93
11	tl203 (n,h)	au201	106	11	12/01/93
12	tl203 (n,a)	au200	107	56	12/01/93
13	tl203 (n,2p)	au202	111	11	12/01/93
14	tl203 (n,a*)	au200m	407	56	12/01/93

#	target	product	mt	# engeries	date
1	tl204 (n,2n)	)tl203	16	30	12/01/93
2	tl204 (n,3n)	)tl202	17	19	12/01/93
3	tl204 (n,na)	)au200	22	57	12/01/93
4	tl204 (n,np)	)hg203	28	49	12/01/93
5	tl204 (n,nd)	)hg202	32	41	12/01/93
6	tl204 (n,nt)	)hg201	33	21	12/01/93
7	tl204 (n,g)	)tl205	102	369	12/01/93
8	tl204 (n,p)	)hg204	103	88	12/01/93
9	tl204 (n,d)	)hg203	104	55	12/01/93
10	tl204 (n,t)	)hg202	105	55	12/01/93
11	tl204 (n,h)	)au202	106	4	12/01/93
12	tl204 (n,a)	)au201	107	58	12/01/93
13	tl204 (n,2p)	)au203	111	13	12/01/93
14	tl204 (n,na*)	)au200m	322	57	12/01/93

#	target	product	mt	# engeries	date
1	tl205 (n,2n)	)tl204	16	29	12/01/93
2	tl205 (n,3n)	)tl203	17	23	12/01/93
3	tl205 (n,na)	)au201	22	52	12/01/93
4	tl205 (n,np)	)hg204	28	52	12/01/93
5	tl205 (n,nd)	)hg203	32	32	12/01/93
6	tl205 (n,nt)	)hg202	33	21	12/01/93
7	tl205 (n,nh)	)au202	34	2	12/01/93
8	tl205 (n,g)	)tl206	102	6216	12/01/93
9	tl205 (n,p)	)hg205	103	74	12/01/93
10	tl205 (n,d)	)hg204	104	55	12/01/93
11	tl205 (n,t)	)hg203	105	50	12/01/93
12	tl205 (n,h)	)au203	106	4	12/01/93
13	tl205 (n,a)	)au202	107	52	12/01/93
14	tl205 (n,2p)	)au204	111	2	12/01/93
15	tl205 (n,g*)	)tl206m	402	6216	12/01/93

1	pb202 (n,n)	)pb202	4	1	12/01/93
2	pb202 (n,2n)	)pb201	16	25	12/01/93
3	pb202 (n,3n)	)pb200	17	16	12/01/93
4	pb202 (n,na)	)hg198	22	64	12/01/93
5	pb202 (n,np)	)tl201	28	50	12/01/93
6	pb202 (n,nd)	)tl200	32	31	12/01/93
7	pb202 (n,nt)	)tl199	33	17	12/01/93
8	pb202 (n,g)	)pb203	102	349	12/01/93
9	pb202 (n,p)	)tl202	103	82	12/01/93
10	pb202 (n,d)	)tl201	104	55	12/01/93
11	pb202 (n,t)	)tl200	105	49	12/01/93
12	pb202 (n,h)	)hg200	106	21	12/01/93
13	pb202 (n,a)	)hg199	107	66	12/01/93
14	pb202 (n,2p)	)hg201	111	21	12/01/93
15	pb202 (n,n*)	)pb202m	304	64	12/01/93
16	pb202 (n,2n*)	)pb201m	316	23	12/01/93
17	pb202 (n,g*)	)pb203m	402	349	12/01/93
18	pb202 (n,a*)	)hg199m	407	66	12/01/93
19	pb202 (n,g**)	)pb203n	702	349	12/01/93

#	target	product	mt	# engeries	date
1	pb203 (n,n)	)pb203	4	1	12/01/93
2	pb203 (n,2n)	)pt202	16	32	12/01/93
3	pb203 (n,3n)	)pb201	17	16	12/01/93
4	pb203 (n,na)	)hg199	22	70	12/01/93
5	pb203 (n,np)	)tl202	28	49	12/01/93
6	pb203 (n,nd)	)tl201	32	38	12/01/93
7	pb203 (n,nt)	)tl200	33	17	12/01/93
8	pb203 (n,g)	)pb204	102	370	12/01/93
9	pb203 (n,p)	)tl203	103	86	12/01/93
10	pb203 (n,d)	)tl202	104	55	12/01/93
11	pb203 (n,t)	)tl201	105	53	12/01/93
12	pb203 (n,h)	)hg201	106	19	12/01/93
13	pb203 (n,a)	)hg200	107	70	12/01/93
14	pb203 (n,2p)	)hg202	111	23	12/01/93
15	pb203 (n,n*)	)pb203m	304	46	12/01/93
16	pb203 (n,2n*)	)pb202m	316	17	12/01/93
17	pb203 (n,3n*)	)pb201m	317	13	12/01/93
18	pb203 (n,na*)	)hg199m	322	70	12/01/93
19	pb203 (n,g*)	)pb204m	402	370	12/01/93
20	pb203 (n,n**)	)pb203n	604	67	12/01/93

#	target	product	mt	# engeries	date
1	pb204 (n,n)	)pb204	4	1	12/01/93
2	pb204 (n,2n)	)pb203	16	22	12/01/93
3	pb204 (n,3n)	)pb202	17	6	12/01/93
4	pb204 (n,na)	)hg200	22	60	12/01/93
5	pb204 (n,np)	)tl203	28	49	12/01/93
6	pb204 (n,nd)	)tl202	32	32	12/01/93
7	pb204 (n,nt)	)tl201	33	14	12/01/93
8	pb204 (n,g)	)pb205	102	4596	12/01/93
9	pb204 (n,p)	)tl204	103	18	12/01/93
10	pb204 (n,d)	)tl203	104	54	12/01/93
11	pb204 (n,t)	)tl202	105	49	12/01/93
12	pb204 (n,h)	)hg202	106	17	12/01/93
13	pb204 (n,a)	)hg201	107	61	12/01/93
14	pb204 (n,2p)	)hg203	111	15	12/01/93
15	pb204 (n,n*)	)pb204m	304	59	12/01/93
16	pb204 (n,2n*)	)pb203m	316	22	12/01/93
17	pb204 (n,3n*)	)pb202m	317	7	12/01/93
18	pb204 (n,2n**)	)pb203n	616	17	12/01/93

#	target	product	mt	# engeries	date
1	pb205 (n,2n)	)pb204	16	14	12/01/93
2	pb205 (n,3n)	)pb203	17	6	12/01/93
3	pb205 (n,na)	)hg201	22	65	12/01/93
4	pb205 (n,np)	)tl204	28	48	12/01/93
5	pb205 (n,nd)	)tl203	32	36	12/01/93
6	pb205 (n,nt)	)tl202	33	16	12/01/93
7	pb205 (n,g)	)pb206	102	358	12/01/93
8	pb205 (n,p)	)tl205	103	82	12/01/93
9	pb205 (n,d)	)tl204	104	54	12/01/93
10	pb205 (n,t)	)tl203	105	52	12/01/93
11	pb205 (n,h)	)hg203	106	13	12/01/93
12	pb205 (n,a)	)hg202	107	65	12/01/93
13	pb205 (n,2p)	)hg204	111	17	12/01/93
14	pb205 (n,2n*)	)pb204m	316	20	12/01/93
15	pb205 (n,3n*)	)pb203m	317	21	12/01/93
16	pb205 (n,3n**)	)pb203n	617	6	12/01/93

1	pb206 (n,2n)	)pb205	16	22	12/01/93
2	pb206 (n,3n)	)pb204	17	6	12/01/93
3	pb206 (n,na)	)hg202	22	54	12/01/93
4	pb206 (n,np)	)tl205	28	48	12/01/93
5	pb206 (n,nd)	)tl204	32	29	12/01/93
6	pb206 (n,nt)	)tl203	33	14	12/01/93
7	pb206 (n,g)	)pb207	102	7375	12/01/93
8	pb206 (n,p)	)tl206	103	74	12/01/93
9	pb206 (n,d)	)tl205	104	52	12/01/93
10	pb206 (n,t)	)tl204	105	47	12/01/93
11	pb206 (n,h)	)hg204	106	11	12/01/93
12	pb206 (n,a)	)hg203	107	28	12/01/93
13	pb206 (n,2p)	)hg205	111	9	12/01/93
14	pb206 (n,3n*)	)pb204m	317	8	12/01/93
15	pb206 (n,g*)	)pb207m	402	7377	12/01/93
16	pb206 (n,p*)	)tl206m	403	68	12/01/93

#	target	product	mt	# engeries	date
1	pb207 (n,n)	)pb207	4	1	12/01/93
2	pb207 (n,2n)	)pb206	16	14	12/01/93
3	pb207 (n,3n)	)pb205	17	6	12/01/93
4	pb207 (n,na)	)hg203	22	57	12/01/93
5	pb207 (n,np)	)tl206	28	45	12/01/93
6	pb207 (n,nd)	)tl205	32	32	12/01/93
7	pb207 (n,nt)	)tl204	33	11	12/01/93
8	pb207 (n,g)	)pb208	102	3768	12/01/93
9	pb207 (n,p)	)tl207	103	71	12/01/93
10	pb207 (n,d)	)tl206	104	50	12/01/93
11	pb207 (n,t)	)tl205	105	50	12/01/93
12	pb207 (n,h)	)hg205	106	7	12/01/93
13	pb207 (n,a)	)hg204	107	59	12/01/93
14	pb207 (n,2p)	)hg206	111	9	12/01/93
15	pb207 (n,n*)	)pb207m	304	63	12/01/93
16	pb207 (n,np*)	)tl206m	328	34	12/01/93
17	pb207 (n,p*)	)tl207m	403	71	12/01/93

#	target	product	mt	# engseries	date
18	pb207 (n,d*)	)tl206m	404	50	12/01/93
1	pb208 (n,2n)	)pb207	16	16	12/01/93
2	pb208 (n,3n)	)pb206	17	7	12/01/93
3	pb208 (n,na)	)hg204	22	51	12/01/93
4	pb208 (n,np)	)tl207	28	49	12/01/93
5	pb208 (n,nd)	)tl206	32	27	12/01/93
6	pb208 (n,nt)	)tl205	33	14	12/01/93
7	pb208 (n,nh)	)hg205	34	2	12/01/93
8	pb208 (n,g)	)pb209	102	1152	12/01/93
9	pb208 (n,p)	)tl208	103	57	12/01/93
10	pb208 (n,d)	)tl207	104	49	12/01/93
11	pb208 (n,t)	)tl206	105	47	12/01/93
12	pb208 (n,h)	)hg206	106	2	12/01/93
13	pb208 (n,a)	)hg205	107	54	12/01/93
14	pb208 (n,2n*)	)pb207m	316	13	12/01/93
15	pb208 (n,np*)	)tl207m	328	43	12/01/93
16	pb208 (n,nd*)	)tl206m	332	18	12/01/93
17	pb208 (n,d*)	)tl207m	404	49	12/01/93
18	pb208 (n,t*)	)tl206m	405	45	12/01/93

#	target	product	mt	# engseries	date
1	pb209 (n,2n)	)pb208	16	45	12/01/93
2	pb209 (n,3n)	)pb207	17	29	12/01/93
3	pb209 (n,na)	)hg205	22	67	12/01/93
4	pb209 (n,np)	)tl208	28	46	12/01/93
5	pb209 (n,nd)	)tl207	32	43	12/01/93
6	pb209 (n,nt)	)tl206	33	24	12/01/93
7	pb209 (n,g)	)pb210	102	353	12/01/93
8	pb209 (n,p)	)tl209	103	63	12/01/93
9	pb209 (n,d)	)tl208	104	51	12/01/93
10	pb209 (n,t)	)tl207	105	56	12/01/93
11	pb209 (n,h)	)hg207	106	19	12/01/93
12	pb209 (n,a)	)hg206	107	59	12/01/93
13	pb209 (n,2p)	)hg208	111	9	12/01/93
14	pb209 (n,3n*)	)pb207m	317	19	12/01/93
15	pb209 (n,nd*)	)tl207m	332	36	12/01/93
16	pb209 (n,nt*)	)tl206m	333	24	12/01/93
17	pb209 (n,t*)	)tl207m	405	56	12/01/93

1	pb210 (n,2n)	)pb209	16	55	12/01/93
2	pb210 (n,3n)	)pb208	17	30	12/01/93
3	pb210 (n,na)	)hg206	22	30	12/01/93
4	pb210 (n,np)	)tl209	28	48	12/01/93
5	pb210 (n,nd)	)tl208	32	36	12/01/93
6	pb210 (n,nt)	)tl207	33	32	12/01/93
7	pb210 (n,nh)	)hg207	34	2	12/01/93
8	pb210 (n,g)	)pb211	102	347	12/01/93
9	pb210 (n,p)	)tl210	103	58	12/01/93
10	pb210 (n,d)	)tl209	104	49	12/01/93
11	pb210 (n,t)	)tl208	105	52	12/01/93
12	pb210 (n,h)	)hg208	106	21	12/01/93
13	pb210 (n,a)	)hg207	107	71	12/01/93
14	pb210 (n,2p)	)hg209	111	2	12/01/93
15	pb210 (n,nt*)	)tl207m	333	32	12/01/93

#	target	product	mt	# engseries	date
1	bi205 (n,2n)	)bi204	16	32	12/01/93
2	bi205 (n,3n)	)bi203	17	17	12/01/93
3	bi205 (n,na)	)tl201	22	70	12/01/93
4	bi205 (n,np)	)pb204	28	57	12/01/93
5	bi205 (n,nd)	)pb203	32	41	12/01/93
6	bi205 (n,nt)	)pb202	33	27	12/01/93
7	bi205 (n,g)	)bi206	102	379	12/01/93
8	bi205 (n,p)	)pb205	103	93	12/01/93
9	bi205 (n,d)	)pb204	104	68	12/01/93
10	bi205 (n,t)	)pb203	105	56	12/01/93
11	bi205 (n,h)	)tl203	106	25	12/01/93
12	bi205 (n,a)	)tl202	107	69	12/01/93
13	bi205 (n,2p)	)tl204	111	26	12/01/93
14	bi205 (n,np*)	)pb204m	328	48	12/01/93
15	bi205 (n,nd*)	)pb203m	332	41	12/01/93

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#	target	product	mt	# engseries	date
16	bi205 (n,nt*)	)pb202m	333	27	12/01/93
17	bi205 (n,g*)	)bi206m	402	379	12/01/93
18	bi205 (n,d*)	)pb204m	404	68	12/01/93
19	bi205 (n,t*)	)pb203m	405	56	12/01/93
20	bi205 (n,nd**)	)pb203n	632	28	12/01/93
21	bi205 (n,t**)	)pb203n	705	54	12/01/93
1	bi206 (n,2n)	)bi205	16	27	12/01/93
2	bi206 (n,3n)	)bi204	17	21	12/01/93
3	bi206 (n,na)	)tl202	22	75	12/01/93
4	bi206 (n,np)	)pb205	28	55	12/01/93
5	bi206 (n,nd)	)pb204	32	45	12/01/93
6	bi206 (n,nt)	)pb203	33	27	12/01/93
7	bi206 (n,g)	)bi207	102	378	12/01/93
8	bi206 (n,p)	)pb206	103	88	12/01/93
9	bi206 (n,d)	)pb205	104	65	12/01/93
10	bi206 (n,t)	)pb204	105	62	12/01/93
11	bi206 (n,h)	)tl204	106	23	12/01/93
12	bi206 (n,a)	)tl203	107	73	12/01/93
13	bi206 (n,2p)	)tl205	111	29	12/01/93
14	bi206 (n,nd*)	)pb204m	332	37	12/01/93
15	bi206 (n,nt*)	)pb203m	333	27	12/01/93
16	bi206 (n,g*)	)bi207m	402	378	12/01/93
17	bi206 (n,t*)	)pb204m	405	62	12/01/93
18	bi206 (n,nt**)	)pb203n	633	27	12/01/93

#	target	product	mt	# engseries	date
1	bi207 (n,2n)	)bi206	16	28	12/01/93
2	bi207 (n,3n)	)bi205	17	21	12/01/93
3	bi207 (n,na)	)tl203	22	67	12/01/93
4	bi207 (n,np)	)pb206	28	55	12/01/93
5	bi207 (n,nd)	)pb205	32	41	12/01/93
6	bi207 (n,nt)	)pb204	33	27	12/01/93
7	bi207 (n,g)	)bi208	102	366	12/01/93
8	bi207 (n,p)	)pb207	103	92	12/01/93
9	bi207 (n,d)	)pb206	104	65	12/01/93
10	bi207 (n,t)	)pb205	105	56	12/01/93
11	bi207 (n,h)	)tl205	106	21	12/01/93
12	bi207 (n,a)	)tl204	107	68	12/01/93
13	bi207 (n,2p)	)tl206	111	23	12/01/93
14	bi207 (n,2n*)	)bi206m	316	28	12/01/93
15	bi207 (n,nt*)	)pb204m	333	27	12/01/93
16	bi207 (n,p*)	)pb207m	403	92	12/01/93
17	bi207 (n,2p*)	)tl206m	411	23	12/01/93

1	bi208 (n,2n)	)bi207	16	36	12/01/93
2	bi208 (n,3n)	)bi206	17	18	12/01/93
3	bi208 (n,na)	)tl204	22	69	12/01/93
4	bi208 (n,np)	)pb207	28	56	12/01/93
5	bi208 (n,nd)	)pb206	32	45	12/01/93
6	bi208 (n,nt)	)pb205	33	24	12/01/93
7	bi208 (n,g)	)bi209	102	363	12/01/93
8	bi208 (n,p)	)pb208	103	90	12/01/93
9	bi208 (n,d)	)pb207	104	64	12/01/93
10	bi208 (n,t)	)pb206	105	59	12/01/93
11	bi208 (n,h)	)tl206	106	19	12/01/93
12	bi208 (n,a)	)tl205	107	70	12/01/93
13	bi208 (n,2p)	)tl207	111	22	12/01/93
14	bi208 (n,2n*)	)bi207m	316	21	12/01/93
15	bi208 (n,3n*)	)bi206m	317	18	12/01/93
16	bi208 (n,np*)	)pb207m	328	47	12/01/93
17	bi208 (n,d*)	)pb207m	404	64	12/01/93
18	bi208 (n,h*)	)tl206m	406	19	12/01/93
19	bi208 (n,2p*)	)tl207m	411	22	12/01/93

#	target	product	mt	# engseries	date
1	bi209 (n,2n)	)bi208	16	23	12/01/93
2	bi209 (n,3n)	)bi207	17	25	12/01/93
3	bi209 (n,na)	)tl205	22	61	12/01/93
4	bi209 (n,np)	)pb208	28	63	12/01/93
5	bi209 (n,nd)	)pb207	32	43	12/01/93
6	bi209 (n,nt)	)pb206	33	28	12/01/93

#	target	product	mt	# engeries	date
7	bi209 (n,g)	)bi210	102	1168	12/01/93
8	bi209 (n,p)	)pb209	103	76	12/01/93
9	bi209 (n,d)	)pb208	104	62	12/01/93
10	bi209 (n,t)	)pb207	105	58	12/01/93
11	bi209 (n,h)	)tl207	106	17	12/01/93
12	bi209 (n,a)	)tl206	107	65	12/01/93
13	bi209 (n,2p)	)tl208	111	9	12/01/93
14	bi209 (n,3n*)	)bi207m	317	10	12/01/93
15	bi209 (n,nd*)	)pb207m	332	34	12/01/93
16	bi209 (n,g*)	)bi210m	402	1168	12/01/93
17	bi209 (n,t*)	)pb207m	405	58	12/01/93
18	bi209 (n,h*)	)tl207m	406	17	12/01/93
19	bi209 (n,a*)	)tl206m	407	65	12/01/93
1	bi210 (n,n)	)bi210	4	1	12/01/93
2	bi210 (n,2n)	)bi209	16	36	12/01/93
3	bi210 (n,3n)	)bi208	17	27	12/01/93
4	bi210 (n,na)	)tl206	22	81	12/01/93
5	bi210 (n,np)	)pb209	28	58	12/01/93
6	bi210 (n,nd)	)pb208	32	54	12/01/93
7	bi210 (n,nt)	)pb207	33	36	12/01/93
8	bi210 (n,g)	)bi211	102	370	12/01/93
9	bi210 (n,p)	)pb210	103	83	12/01/93
10	bi210 (n,d)	)pb209	104	64	12/01/93
11	bi210 (n,t)	)pb208	105	68	12/01/93
12	bi210 (n,h)	)tl208	106	13	12/01/93
13	bi210 (n,a)	)tl207	107	74	12/01/93
14	bi210 (n,2p)	)tl209	111	11	12/01/93
15	bi210 (n,n*)	)bi210m	304	116	12/01/93
16	bi210 (n,na*)	)tl206m	322	81	12/01/93
17	bi210 (n,nt*)	)pb207m	333	36	12/01/93
18	bi210 (n,a*)	)tl207m	407	74	12/01/93

#	target	product	mt	# engeries	date
1	bi210m(n,n)	)bi210	4	60	12/01/93
2	bi210m(n,2n)	)bi209	16	36	12/01/93
3	bi210m(n,3n)	)bi208	17	27	12/01/93
4	bi210m(n,na)	)tl206	22	81	12/01/93
5	bi210m(n,np)	)pb209	28	58	12/01/93
6	bi210m(n,nd)	)pb208	32	54	12/01/93
7	bi210m(n,nt)	)pb207	33	36	12/01/93
8	bi210m(n,g)	)bi211	102	370	12/01/93
9	bi210m(n,p)	)pb210	103	83	12/01/93
10	bi210m(n,d)	)pb209	104	64	12/01/93
11	bi210m(n,t)	)pb208	105	68	12/01/93
12	bi210m(n,h)	)tl208	106	13	12/01/93
13	bi210m(n,a)	)tl207	107	74	12/01/93
14	bi210m(n,2p)	)tl209	111	11	12/01/93
15	bi210m(n,na*)	)tl206m	322	81	12/01/93
16	bi210m(n,nt*)	)pb207m	333	36	12/01/93
17	bi210m(n,a*)	)tl207m	407	74	12/01/93

1	po206 (n,2n)	)po205	16	27	12/01/93
2	po206 (n,3n)	)po204	17	15	12/01/93
3	po206 (n,na)	)pb202	22	79	12/01/93
4	po206 (n,np)	)bi205	28	57	12/01/93
5	po206 (n,nd)	)bi204	32	36	12/01/93
6	po206 (n,nt)	)bi203	33	19	12/01/93
7	po206 (n,g)	)po207	102	342	12/01/93
8	po206 (n,p)	)bi206	103	94	12/01/93
9	po206 (n,d)	)bi205	104	59	12/01/93
10	po206 (n,t)	)bi204	105	54	12/01/93
11	po206 (n,h)	)pb204	106	33	12/01/93
12	po206 (n,a)	)pb203	107	81	12/01/93
13	po206 (n,2p)	)pb205	111	29	12/01/93
14	po206 (n,na*)	)pb202m	322	79	12/01/93
15	po206 (n,g*)	)po207m	402	342	12/01/93
16	po206 (n,p*)	)bi206m	403	94	12/01/93
17	po206 (n,h*)	)pb204m	406	33	12/01/93
18	po206 (n,a*)	)pb203m	407	80	12/01/93
19	po206 (n,a**)	)pb203n	707	81	12/01/93

#	target	product	mt	# engeries	date
1	po207 (n,n	)po207	4	1	12/01/93
2	po207 (n,2n	)po206	16	27	12/01/93
3	po207 (n,3n	)po205	17	20	12/01/93
4	po207 (n,na	)pb203	22	88	12/01/93
5	po207 (n,np	)bi206	28	55	12/01/93
6	po207 (n,nd	)bi205	32	43	12/01/93
7	po207 (n,nt	)bi204	33	21	12/01/93
8	po207 (n,g	)po208	102	361	12/01/93
9	po207 (n,p	)bi207	103	92	12/01/93
10	po207 (n,d	)bi206	104	60	12/01/93
11	po207 (n,t	)bi205	105	56	12/01/93
12	po207 (n,h	)pb205	106	31	12/01/93
13	po207 (n,a	)pb204	107	85	12/01/93
14	po207 (n,2p	)pb206	111	31	12/01/93
15	po207 (n,n*	)po207m	304	54	12/01/93
16	po207 (n,na*	)pb203m	322	88	12/01/93
17	po207 (n,np*	)bi206m	328	55	12/01/93
18	po207 (n,p*	)bi207m	403	92	12/01/93
19	po207 (n,d*	)bi206m	404	60	12/01/93
20	po207 (n,a*	)pb204m	407	85	12/01/93
21	po207 (n,na**)	)pb203n	622	88	12/01/93

1	po208 (n,2n	)po207	16	32	12/01/93
2	po208 (n,3n	)po206	17	18	12/01/93
3	po208 (n,na	)pb204	22	76	12/01/93
4	po208 (n,np	)bi207	28	55	12/01/93
5	po208 (n,nd	)bi206	32	36	12/01/93
6	po208 (n,nt	)bi205	33	21	12/01/93
7	po208 (n,g	)po209	102	335	12/01/93
8	po208 (n,p	)bi208	103	87	12/01/93
9	po208 (n,d	)bi207	104	58	12/01/93
10	po208 (n,t	)bi206	105	54	12/01/93
11	po208 (n,h	)pb206	106	31	12/01/93
12	po208 (n,a	)pb205	107	76	12/01/93
13	po208 (n,2p	)pb207	111	26	12/01/93
14	po208 (n,2n*	)po207m	316	21	12/01/93
15	po208 (n,na*	)pb204m	322	76	12/01/93
16	po208 (n,np*	)bi207m	328	45	12/01/93
17	po208 (n,nd*	)bi206m	332	36	12/01/93
18	po208 (n,d*	)bi207m	404	58	12/01/93
19	po208 (n,t*	)bi206m	405	54	12/01/93
20	po208 (n,2p*	)pb207m	411	26	12/01/93

#	target	product	mt	# engeries	date
1	po209 (n,2n	)po208	16	28	12/01/93
2	po209 (n,3n	)po207	17	22	12/01/93
3	po209 (n,na	)pb205	22	82	12/01/93
4	po209 (n,np	)bi208	28	54	12/01/93
5	po209 (n,nd	)bi207	32	41	12/01/93
6	po209 (n,nt	)bi206	33	18	12/01/93
7	po209 (n,g	)po210	102	335	12/01/93
8	po209 (n,p	)bi209	103	93	12/01/93
9	po209 (n,d	)bi208	104	59	12/01/93
10	po209 (n,t	)bi207	105	57	12/01/93
11	po209 (n,h	)pb207	106	29	12/01/93
12	po209 (n,a	)pb206	107	80	12/01/93
13	po209 (n,2p	)pb208	111	27	12/01/93
14	po209 (n,3n*	)po207m	317	12	12/01/93
15	po209 (n,nd*	)bi207m	332	31	12/01/93
16	po209 (n,nt*	)bi206m	333	18	12/01/93
17	po209 (n,t*	)bi207m	405	57	12/01/93
18	po209 (n,h*	)pb207m	406	29	12/01/93

1	po210 (n,2n	)po209	16	31	12/01/93
2	po210 (n,3n	)po208	17	23	12/01/93
3	po210 (n,na	)pb206	22	75	12/01/93
4	po210 (n,np	)bi209	28	57	12/01/93
5	po210 (n,nd	)bi208	32	38	12/01/93
6	po210 (n,nt	)bi207	33	20	12/01/93
7	po210 (n,g	)po211	102	350	12/01/93
8	po210 (n,p	)bi210	103	74	12/01/93
9	po210 (n,d	)bi209	104	58	12/01/93
10	po210 (n,t	)bi208	105	53	12/01/93

#	target	product	mt	# enseries	date
11	po210 (n,h	)pb208	106	29	12/01/93
12	po210 (n,a	)pb207	107	84	12/01/93
13	po210 (n,2p	)pb209	111	15	12/01/93
14	po210 (n,nt*	)bi207m	333	20	12/01/93
15	po210 (n,g*	)po211m	402	380	12/01/93
16	po210 (n,p*	)bi210m	403	74	12/01/93
17	po210 (n,a*	)pb207m	407	84	12/01/93

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