

Interpreted ENDF file

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U-235(FY_cum)U-236,RNP MAT=9228 MF=8 MT=459 Library:
ENDF/B-VIII.0

(n,FY_cum) Cumulative Fission-Product Yields

Fission-product yields are given for 3 incident neutron energies

Neutron energy = 2.5300E-02

PRODUCT	ZAFP	FPS	Y	DY
23-V - 66	23066.	0.	2.0503E-19	1.3122E-19
24-Cr- 66	24066.	0.	2.4098E-14	1.5423E-14
24-Cr- 67	24067.	0.	0.0000E+00	0.0000E+00
24-Cr- 68	24068.	0.	0.0000E+00	0.0000E+00
24-Cr- 69	24069.	0.	2.1082E-18	1.3492E-18
24-Cr- 70	24070.	0.	0.0000E+00	0.0000E+00
25-Mn- 66	25066.	0.	7.2195E-12	4.6205E-12
25-Mn- 67	25067.	0.	5.3796E-12	3.4430E-12
25-Mn- 68	25068.	0.	6.6595E-13	4.2621E-13
25-Mn- 69	25069.	0.	8.0294E-14	5.1388E-14
25-Mn- 70	25070.	0.	0.0000E+00	0.0000E+00
25-Mn- 71	25071.	0.	0.0000E+00	0.0000E+00
25-Mn- 72	25072.	0.	6.0829E-18	3.8930E-18
25-Mn- 73	25073.	0.	6.4107E-19	4.1029E-19
26-Fe- 66	26066.	0.	3.8297E-10	2.4510E-10
26-Fe- 67	26067.	0.	6.9195E-10	4.4285E-10
26-Fe- 68	26068.	0.	3.9197E-10	2.5086E-10
26-Fe- 69	26069.	0.	1.2199E-10	7.8074E-11
26-Fe- 70	26070.	0.	3.2398E-11	2.0734E-11
26-Fe- 71	26071.	0.	4.9197E-12	3.1486E-12
26-Fe- 72	26072.	0.	7.1495E-13	4.5757E-13
26-Fe- 73	26073.	0.	5.5396E-14	3.5453E-14
26-Fe- 74	26074.	0.	0.0000E+00	0.0000E+00
26-Fe- 75	26075.	0.	1.0003E-16	6.4017E-17
26-Fe- 76	26076.	0.	0.0000E+00	0.0000E+00
27-Co- 66	27066.	0.	6.6395E-10	2.9878E-10
27-Co- 67	27067.	0.	2.6998E-09	1.7279E-09
27-Co- 68	27068.	0.	2.8598E-09	1.8303E-09
27-Co- 69	27069.	0.	3.3698E-09	2.1566E-09
27-Co- 70	27070.	0.	2.1299E-09	1.3631E-09
27-Co- 71	27071.	0.	1.4899E-09	9.5353E-10
27-Co- 72	27072.	0.	5.8096E-10	3.7181E-10
27-Co- 73	27073.	0.	2.2098E-10	1.4143E-10
27-Co- 74	27074.	0.	2.9998E-11	1.9199E-11
27-Co- 75	27075.	0.	3.8097E-12	2.4382E-12
27-Co- 76	27076.	0.	2.5298E-13	1.6191E-13
27-Co- 77	27077.	0.	6.5264E-15	4.1769E-15
27-Co- 78	27078.	0.	4.2793E-16	2.7388E-16
28-Ni- 66	28066.	0.	7.2095E-10	2.3070E-10
28-Ni- 67	28067.	0.	3.5998E-09	1.6199E-09

28-Ni- 68	28068.	0.	7.0495E-09	4.5117E-09
28-Ni- 69	28069.	0.	1.4599E-08	9.3433E-09
28-Ni- 70	28070.	0.	2.9998E-08	1.9199E-08
28-Ni- 71	28071.	0.	4.4997E-08	2.8798E-08
28-Ni- 72	28072.	0.	7.6595E-08	4.9020E-08
28-Ni- 73	28073.	0.	7.1595E-08	4.5821E-08
28-Ni- 74	28074.	0.	4.5797E-08	2.9310E-08
28-Ni- 75	28075.	0.	1.5299E-08	9.7913E-09
28-Ni- 76	28076.	0.	5.0197E-09	3.2126E-09
28-Ni- 77	28077.	0.	5.6396E-10	3.6093E-10
28-Ni- 78	28078.	0.	5.0296E-11	3.2190E-11
28-Ni- 80	28080.	0.	1.5599E-14	9.9833E-15
28-Ni- 82	28082.	0.	0.0000E+00	0.0000E+00
29-Cu- 66	29066.	0.	7.2195E-10	2.3102E-10
29-Cu- 67	29067.	0.	3.6097E-09	1.1551E-09
29-Cu- 68	29068.	0.	7.1195E-09	3.2038E-09
29-Cu- 68-M	29068.	1.	7.3595E-11	4.7101E-11
29-Cu- 69	29069.	0.	1.5699E-08	1.0047E-08
29-Cu- 70	29070.	0.	1.6499E-08	1.0559E-08
29-Cu- 70-M	29070.	1.	1.9399E-08	1.2415E-08
29-Cu- 71	29071.	0.	7.9694E-08	5.1004E-08
29-Cu- 72	29072.	0.	2.0399E-07	9.1794E-08
29-Cu- 73	29073.	0.	5.4196E-07	3.4685E-07
29-Cu- 74	29074.	0.	7.2795E-07	4.6589E-07
29-Cu- 75	29075.	0.	1.0199E-06	6.5275E-07
29-Cu- 76	29076.	0.	8.3294E-07	5.3308E-07
29-Cu- 77	29077.	0.	4.4597E-07	2.8542E-07
29-Cu- 78	29078.	0.	1.0899E-07	6.9755E-08
29-Cu- 79	29079.	0.	0.0000E+00	0.0000E+00
29-Cu- 80	29080.	0.	5.2496E-10	3.3598E-10
29-Cu- 81	29081.	0.	0.0000E+00	0.0000E+00
29-Cu- 82	29082.	0.	1.4799E-12	9.4713E-13
29-Cu- 83	29083.	0.	7.3133E-15	4.6805E-15
30-Zn- 66	30066.	0.	7.2195E-10	2.3102E-10
30-Zn- 67	30067.	0.	3.6097E-09	8.3024E-10
30-Zn- 68	30068.	0.	7.1595E-09	2.2910E-09
30-Zn- 69	30069.	0.	1.5699E-08	7.0645E-09
30-Zn- 69-M	30069.	1.	1.0599E-11	6.7835E-12
30-Zn- 70	30070.	0.	3.6197E-08	8.3254E-09
30-Zn- 71	30071.	0.	8.0494E-08	3.6222E-08
30-Zn- 71-M	30071.	1.	3.2898E-09	2.1055E-09
30-Zn- 72	30072.	0.	2.6498E-07	2.9148E-08
30-Zn- 73	30073.	0.	1.0099E-06	6.4635E-07
30-Zn- 74	30074.	0.	3.2398E-06	1.4579E-06
30-Zn- 75	30075.	0.	8.6894E-06	9.5583E-07
30-Zn- 76	30076.	0.	1.9209E-05	1.2293E-05
30-Zn- 77	30077.	0.	3.1878E-05	2.0402E-05
30-Zn- 78	30078.	0.	3.5758E-05	1.6091E-05
30-Zn- 79	30079.	0.	1.6389E-05	7.3750E-06
30-Zn- 80	30080.	0.	2.4198E-06	1.5487E-06
30-Zn- 81	30081.	0.	0.0000E+00	0.0000E+00
30-Zn- 82	30082.	0.	1.0799E-07	6.9115E-08
30-Zn- 83	30083.	0.	6.3195E-10	4.0445E-10
30-Zn- 84	30084.	0.	1.2199E-08	7.8074E-09
30-Zn- 85	30085.	0.	1.5437E-13	9.8799E-14
30-Zn- 86	30086.	0.	2.2798E-12	1.4591E-12
31-Ga- 66	31066.	0.	0.0000E+00	0.0000E+00
31-Ga- 67	31067.	0.	0.0000E+00	0.0000E+00

31-Ga- 68	31068.	0.	0.0000E+00	0.0000E+00
31-Ga- 69	31069.	0.	1.5699E-08	5.0236E-09
31-Ga- 70	31070.	0.	1.4699E-13	9.4073E-14
31-Ga- 71	31071.	0.	8.3794E-08	2.6814E-08
31-Ga- 72-M	31072.	1.	1.9299E-10	1.2351E-10
31-Ga- 72	31072.	0.	2.6498E-07	1.6959E-07
31-Ga- 73	31073.	0.	1.0199E-06	4.5897E-07
31-Ga- 74-M	31074.	1.	2.5028E-06	1.6018E-06
31-Ga- 74	31074.	0.	2.7541E-06	1.7626E-06
31-Ga- 75	31075.	0.	1.0619E-05	1.6991E-06
31-Ga- 76	31076.	0.	2.9668E-05	4.7469E-06
31-Ga- 77	31077.	0.	7.2705E-05	7.9975E-06
31-Ga- 78	31078.	0.	1.3876E-04	2.2202E-05
31-Ga- 79	31079.	0.	1.8728E-04	2.0600E-05
31-Ga- 80	31080.	0.	1.1948E-04	2.7481E-05
31-Ga- 81	31081.	0.	8.1774E-05	1.3084E-05
31-Ga- 82	31082.	0.	6.2726E-05	4.0144E-05
31-Ga- 83	31083.	0.	1.9199E-06	1.2287E-06
31-Ga- 84	31084.	0.	1.1068E-04	7.0837E-05
31-Ga- 85	31085.	0.	5.8796E-09	3.7629E-09
31-Ga- 86	31086.	0.	3.2798E-07	2.0990E-07
31-Ga- 87	31087.	0.	2.5411E-10	1.6263E-10
31-Ga- 88	31088.	0.	4.4239E-12	2.8313E-12
32-Ge- 66	32066.	0.	0.0000E+00	0.0000E+00
32-Ge- 67	32067.	0.	0.0000E+00	0.0000E+00
32-Ge- 68	32068.	0.	0.0000E+00	0.0000E+00
32-Ge- 69	32069.	0.	0.0000E+00	0.0000E+00
32-Ge- 70	32070.	0.	1.4699E-13	9.4073E-14
32-Ge- 71	32071.	0.	0.0000E+00	0.0000E+00
32-Ge- 71-M	32071.	1.	0.0000E+00	0.0000E+00
32-Ge- 72	32072.	0.	2.6498E-07	2.9148E-08
32-Ge- 73	32073.	0.	1.0199E-06	2.3458E-07
32-Ge- 73-M	32073.	1.	1.0199E-06	3.2638E-07
32-Ge- 74	32074.	0.	3.3898E-06	7.7965E-07
32-Ge- 75	32075.	0.	1.0669E-05	1.7071E-06
32-Ge- 75-M	32075.	1.	4.6997E-07	7.5195E-08
32-Ge- 76	32076.	0.	3.0968E-05	2.4774E-06
32-Ge- 77	32077.	0.	2.8308E-05	9.0586E-06
32-Ge- 77-M	32077.	1.	6.4865E-05	7.1352E-06
32-Ge- 78	32078.	0.	2.0834E-04	4.7919E-05
32-Ge- 79-M	32079.	1.	1.2598E-04	8.0631E-05
32-Ge- 79	32079.	0.	2.9965E-04	1.9177E-04
32-Ge- 80	32080.	0.	1.1464E-03	4.5856E-05
32-Ge- 81	32081.	0.	1.3479E-03	5.3915E-05
32-Ge- 82	32082.	0.	1.3153E-03	7.8915E-05
32-Ge- 83	32083.	0.	4.7970E-04	3.0701E-04
32-Ge- 84	32084.	0.	3.0063E-04	6.9145E-05
32-Ge- 85	32085.	0.	2.1309E-05	1.3637E-05
32-Ge- 86	32086.	0.	6.2870E-03	1.0059E-03
32-Ge- 87	32087.	0.	2.1958E-05	1.4053E-05
32-Ge- 88	32088.	0.	5.1996E-07	3.3278E-07
32-Ge- 89	32089.	0.	4.0431E-11	2.5876E-11
32-Ge- 90	32090.	0.	1.1707E-12	7.4926E-13
32-Ge- 91	32091.	0.	6.1373E-14	3.9279E-14
33-As- 69	33069.	0.	0.0000E+00	0.0000E+00
33-As- 71	33071.	0.	0.0000E+00	0.0000E+00
33-As- 72	33072.	0.	0.0000E+00	0.0000E+00
33-As- 73	33073.	0.	0.0000E+00	0.0000E+00

33-As- 74	33074.	0.	1.6599E-13	1.0623E-13
33-As- 74-M	33074.	1.	1.1599E-13	7.4235E-14
33-As- 75	33075.	0.	1.0669E-05	1.1736E-06
33-As- 76	33076.	0.	1.6499E-09	1.0559E-09
33-As- 77	33077.	0.	7.9604E-05	8.7565E-06
33-As- 78	33078.	0.	2.0965E-04	2.3061E-05
33-As- 79	33079.	0.	4.4716E-04	3.5773E-05
33-As- 80	33080.	0.	1.2833E-03	1.4117E-04
33-As- 81	33081.	0.	1.9569E-03	7.8276E-05
33-As- 82	33082.	0.	2.6028E-03	1.6658E-03
33-As- 82-M	33082.	1.	2.7117E-04	1.7355E-04
33-As- 83	33083.	0.	3.4021E-03	2.7217E-04
33-As- 84-M	33084.	1.	9.8697E-04	6.3166E-04
33-As- 84	33084.	0.	1.2754E-03	8.1629E-04
33-As- 85	33085.	0.	2.1880E-03	1.4003E-03
33-As- 86	33086.	0.	5.5297E-03	8.8474E-04
33-As- 87	33087.	0.	5.2728E-04	2.3728E-04
33-As- 88	33088.	0.	1.2435E-03	5.5958E-04
33-As- 89	33089.	0.	1.5399E-06	4.9277E-07
33-As- 90	33090.	0.	3.2782E-08	2.0981E-08
33-As- 91	33091.	0.	2.3375E-09	1.4960E-09
33-As- 92	33092.	0.	3.5476E-12	2.2705E-12
33-As- 93	33093.	0.	2.8435E-13	1.8198E-13
34-Se- 72	34072.	0.	0.0000E+00	0.0000E+00
34-Se- 73	34073.	0.	0.0000E+00	0.0000E+00
34-Se- 73-M	34073.	1.	0.0000E+00	0.0000E+00
34-Se- 74	34074.	0.	5.4396E-14	2.4478E-14
34-Se- 75	34075.	0.	0.0000E+00	0.0000E+00
34-Se- 76	34076.	0.	1.6499E-09	1.0559E-09
34-Se- 77	34077.	0.	7.9604E-05	6.3684E-06
34-Se- 77-M	34077.	1.	2.3898E-07	3.8237E-08
34-Se- 78	34078.	0.	2.0965E-04	1.6772E-05
34-Se- 79	34079.	0.	4.4729E-04	3.5783E-05
34-Se- 79-M	34079.	1.	4.4718E-04	3.5774E-05
34-Se- 80	34080.	0.	1.2882E-03	5.1529E-05
34-Se- 81	34081.	0.	2.0366E-03	8.1463E-05
34-Se- 81-M	34081.	1.	6.9265E-05	7.6192E-06
34-Se- 82	34082.	0.	3.2449E-03	9.0858E-05
34-Se- 83	34083.	0.	2.6540E-03	1.0616E-04
34-Se- 83-M	34083.	1.	2.5126E-03	2.0101E-04
34-Se- 84	34084.	0.	9.6629E-03	2.7056E-04
34-Se- 85	34085.	0.	5.5609E-03	3.5590E-03
34-Se- 85-M	34085.	1.	4.9371E-03	3.1597E-03
34-Se- 86	34086.	0.	1.3652E-02	5.4607E-04
34-Se- 87	34087.	0.	7.6039E-03	3.0415E-04
34-Se- 88	34088.	0.	3.9223E-03	6.2756E-04
34-Se- 89	34089.	0.	4.8703E-04	5.3573E-05
34-Se- 90	34090.	0.	1.2702E-04	8.1294E-05
34-Se- 91	34091.	0.	6.6595E-06	4.2621E-06
34-Se- 92	34092.	0.	4.1697E-07	2.6686E-07
34-Se- 93	34093.	0.	2.4571E-08	1.5725E-08
34-Se- 94	34094.	0.	1.7099E-10	1.0943E-10
34-Se- 95	34095.	0.	6.6257E-13	4.2405E-13
34-Se- 96	34096.	0.	1.2799E-13	8.1914E-14
35-Br- 75	35075.	0.	0.0000E+00	0.0000E+00
35-Br- 77	35077.	0.	0.0000E+00	0.0000E+00
35-Br- 77-M	35077.	1.	0.0000E+00	0.0000E+00
35-Br- 78	35078.	0.	4.9396E-14	3.1614E-14

35-Br- 79	35079.	0.	4.4729E-04	2.6837E-05
35-Br- 79-M	35079.	1.	1.0399E-11	6.6555E-12
35-Br- 80	35080.	0.	1.4799E-09	9.4713E-10
35-Br- 80-M	35080.	1.	1.1099E-09	7.1035E-10
35-Br- 81	35081.	0.	2.0367E-03	5.7026E-05
35-Br- 82	35082.	0.	5.4196E-07	3.4685E-07
35-Br- 82-M	35082.	1.	1.6299E-07	1.0431E-07
35-Br- 83	35083.	0.	5.3619E-03	1.0724E-04
35-Br- 84	35084.	0.	9.8487E-03	1.3788E-04
35-Br- 84-M	35084.	1.	1.6725E-04	1.3380E-05
35-Br- 85	35085.	0.	1.2848E-02	8.9937E-05
35-Br- 86	35086.	0.	1.5949E-02	6.3796E-04
35-Br- 86-M	35086.	1.	2.3116E-03	1.4795E-03
35-Br- 87	35087.	0.	2.0345E-02	4.0690E-04
35-Br- 88	35088.	0.	1.7796E-02	4.9829E-04
35-Br- 89	35089.	0.	1.0854E-02	3.0391E-04
35-Br- 90	35090.	0.	5.6426E-03	2.2570E-04
35-Br- 91	35091.	0.	2.2421E-03	2.4663E-04
35-Br- 92	35092.	0.	2.6813E-04	1.7160E-04
35-Br- 93	35093.	0.	3.0868E-05	9.8777E-06
35-Br- 94	35094.	0.	1.6599E-06	5.3116E-07
35-Br- 95	35095.	0.	2.5235E-08	1.6151E-08
35-Br- 96	35096.	0.	1.9099E-08	1.2223E-08
35-Br- 97	35097.	0.	3.4368E-12	2.1996E-12
35-Br- 98	35098.	0.	1.3893E-10	8.8914E-11
36-Kr- 77	36077.	0.	0.0000E+00	0.0000E+00
36-Kr- 78	36078.	0.	0.0000E+00	0.0000E+00
36-Kr- 79-M	36079.	1.	0.0000E+00	0.0000E+00
36-Kr- 79	36079.	0.	0.0000E+00	0.0000E+00
36-Kr- 80	36080.	0.	1.4799E-09	9.4713E-10
36-Kr- 81	36081.	0.	1.0799E-11	6.9115E-12
36-Kr- 81-M	36081.	1.	1.4099E-12	9.0234E-13
36-Kr- 82	36082.	0.	5.4696E-07	6.0166E-08
36-Kr- 83	36083.	0.	5.3620E-03	2.6810E-05
36-Kr- 83-M	36083.	1.	5.3620E-03	5.3620E-05
36-Kr- 84	36084.	0.	1.0019E-02	7.0135E-05
36-Kr- 85	36085.	0.	2.8340E-03	9.9191E-06
36-Kr- 85-M	36085.	1.	1.2907E-02	4.5175E-05
36-Kr- 86	36086.	0.	1.9650E-02	9.8249E-05
36-Kr- 87	36087.	0.	2.5576E-02	2.5576E-04
36-Kr- 88	36088.	0.	3.5524E-02	7.1048E-04
36-Kr- 89	36089.	0.	4.5107E-02	6.3149E-04
36-Kr- 90	36090.	0.	4.8630E-02	6.8082E-04
36-Kr- 91	36091.	0.	3.3511E-02	3.3511E-04
36-Kr- 92	36092.	0.	1.6742E-02	4.6879E-04
36-Kr- 93	36093.	0.	4.8862E-03	1.9545E-04
36-Kr- 94	36094.	0.	8.6982E-04	9.5680E-05
36-Kr- 95	36095.	0.	7.1895E-05	2.3006E-05
36-Kr- 96	36096.	0.	3.7813E-04	2.4201E-04
36-Kr- 97	36097.	0.	2.9698E-07	1.9007E-07
36-Kr- 98	36098.	0.	1.6329E-05	1.0450E-05
36-Kr- 99	36099.	0.	1.2276E-11	7.8566E-12
36-Kr-100	36100.	0.	1.1499E-08	7.3595E-09
36-Kr-101	36101.	0.	4.1358E-13	2.6469E-13
37-Rb- 79	37079.	0.	0.0000E+00	0.0000E+00
37-Rb- 81	37081.	0.	0.0000E+00	0.0000E+00
37-Rb- 83	37083.	0.	2.2998E-12	1.4719E-12
37-Rb- 84	37084.	0.	2.1599E-11	1.3823E-11

37-Rb- 85	37085.	0.	1.3186E-02	4.6152E-05
37-Rb- 86-M	37086.	1.	3.2248E-08	2.0639E-08
37-Rb- 86	37086.	0.	6.4495E-08	4.1277E-08
37-Rb- 87	37087.	0.	2.5601E-02	1.2801E-04
37-Rb- 88	37088.	0.	3.5747E-02	5.0045E-04
37-Rb- 89	37089.	0.	4.7152E-02	6.6013E-04
37-Rb- 90	37090.	0.	4.4990E-02	6.2985E-04
37-Rb- 90-M	37090.	1.	1.2416E-02	5.5870E-03
37-Rb- 91	37091.	0.	5.5765E-02	5.5765E-04
37-Rb- 92	37092.	0.	4.8152E-02	6.7413E-04
37-Rb- 93	37093.	0.	3.5508E-02	3.5509E-04
37-Rb- 94	37094.	0.	1.6487E-02	4.6162E-04
37-Rb- 95	37095.	0.	7.7034E-03	3.0814E-04
37-Rb- 96	37096.	0.	2.0624E-03	3.2998E-04
37-Rb- 97	37097.	0.	3.7967E-04	3.0374E-05
37-Rb- 98	37098.	0.	3.9907E-05	6.3851E-06
37-Rb- 99	37099.	0.	4.6755E-07	2.9924E-07
37-Rb-100	37100.	0.	3.4762E-04	2.2248E-04
37-Rb-101	37101.	0.	1.5752E-08	1.0081E-08
37-Rb-102	37102.	0.	1.4718E-11	9.4196E-12
37-Rb-103	37103.	0.	2.3811E-13	1.5239E-13
38-Sr- 83	38083.	0.	0.0000E+00	0.0000E+00
38-Sr- 84	38084.	0.	6.5195E-13	4.1725E-13
38-Sr- 85-M	38085.	1.	3.9247E-13	2.5118E-13
38-Sr- 85	38085.	0.	7.3510E-13	4.7046E-13
38-Sr- 86	38086.	0.	6.4695E-08	4.1405E-08
38-Sr- 87	38087.	0.	2.5601E-02	1.2801E-04
38-Sr- 87-M	38087.	1.	2.5098E-09	1.6063E-09
38-Sr- 88	38088.	0.	3.5747E-02	2.5023E-04
38-Sr- 89	38089.	0.	4.7327E-02	4.7327E-04
38-Sr- 90	38090.	0.	5.7819E-02	5.7819E-04
38-Sr- 91	38091.	0.	5.8275E-02	5.8275E-04
38-Sr- 92	38092.	0.	5.9379E-02	8.3130E-04
38-Sr- 93	38093.	0.	6.2375E-02	6.2375E-04
38-Sr- 94	38094.	0.	6.0629E-02	8.4880E-04
38-Sr- 95	38095.	0.	5.2701E-02	7.3781E-04
38-Sr- 96	38096.	0.	3.7556E-02	7.5111E-04
38-Sr- 97	38097.	0.	1.7491E-02	4.8974E-04
38-Sr- 98	38098.	0.	8.1155E-03	4.8693E-04
38-Sr- 99	38099.	0.	1.3320E-03	1.4652E-04
38-Sr-100	38100.	0.	4.2914E-04	9.8702E-05
38-Sr-101	38101.	0.	4.4877E-05	2.0195E-05
38-Sr-102	38102.	0.	1.7299E-06	7.7844E-07
38-Sr-103	38103.	0.	2.0575E-08	1.3168E-08
38-Sr-104	38104.	0.	1.3099E-09	8.3834E-10
38-Sr-105	38105.	0.	0.0000E+00	0.0000E+00
38-Sr-106	38106.	0.	0.0000E+00	0.0000E+00
38-Sr-107	38107.	0.	0.0000E+00	0.0000E+00
38-Sr-108	38108.	0.	0.0000E+00	0.0000E+00
39-Y - 85	39085.	0.	0.0000E+00	0.0000E+00
39-Y - 87	39087.	0.	9.9993E-14	6.3996E-14
39-Y - 88	39088.	0.	1.6999E-11	1.0879E-11
39-Y - 89	39089.	0.	4.7327E-02	4.7327E-04
39-Y - 89-M	39089.	1.	4.7297E-06	4.7297E-08
39-Y - 90-M	39090.	1.	4.4847E-08	2.8702E-08
39-Y - 90	39090.	0.	5.7819E-02	3.7004E-02
39-Y - 91-M	39091.	1.	3.3801E-02	2.1633E-02
39-Y - 91	39091.	0.	5.8278E-02	3.7298E-02

39-Y - 92	39092.	0.	6.0093E-02	6.0094E-04
39-Y - 93-M	39093.	1.	2.2125E-02	1.4160E-02
39-Y - 93	39093.	0.	6.3462E-02	4.0615E-02
39-Y - 94	39094.	0.	6.4527E-02	6.4527E-04
39-Y - 95	39095.	0.	6.3755E-02	3.8253E-03
39-Y - 96	39096.	0.	5.9995E-02	9.5993E-03
39-Y - 96-M	39096.	1.	2.0196E-02	9.0881E-03
39-Y - 97-M	39097.	1.	0.0000E+00	0.0000E+00
39-Y - 97	39097.	0.	4.8895E-02	1.1246E-02
39-Y - 98	39098.	0.	1.9179E-02	4.4111E-03
39-Y - 98-M	39098.	1.	1.1065E-02	3.5408E-03
39-Y - 99	39099.	0.	2.0824E-02	1.2494E-03
39-Y -100	39100.	0.	6.1030E-03	3.9060E-03
39-Y -101	39101.	0.	2.8249E-03	2.2599E-04
39-Y -102	39102.	0.	2.6815E-03	1.7162E-03
39-Y -103	39103.	0.	2.5848E-05	1.6543E-05
39-Y -104	39104.	0.	5.6796E-06	3.6349E-06
39-Y -105	39105.	0.	4.6700E-12	2.9888E-12
39-Y -106	39106.	0.	4.9791E-17	3.1866E-17
39-Y -107	39107.	0.	6.2799E-18	4.0191E-18
39-Y -108	39108.	0.	9.1877E-21	5.8801E-21
39-Y -109	39109.	0.	4.4582E-14	2.8532E-14
39-Y -110	39110.	0.	7.9035E-16	5.0582E-16
40-Zr- 87	40087.	0.	0.0000E+00	0.0000E+00
40-Zr- 88	40088.	0.	0.0000E+00	0.0000E+00
40-Zr- 89	40089.	0.	2.0699E-14	1.3247E-14
40-Zr- 90-M	40090.	1.	2.0948E-12	1.3407E-12
40-Zr- 90	40090.	0.	5.7819E-02	3.7004E-02
40-Zr- 91	40091.	0.	5.8278E-02	4.0795E-04
40-Zr- 92	40092.	0.	6.0213E-02	4.2149E-04
40-Zr- 93	40093.	0.	6.3463E-02	4.4424E-04
40-Zr- 94	40094.	0.	6.4722E-02	4.5305E-04
40-Zr- 95	40095.	0.	6.5027E-02	9.1038E-04
40-Zr- 96	40096.	0.	6.3392E-02	6.3392E-04
40-Zr- 97	40097.	0.	5.9836E-02	1.1967E-03
40-Zr- 98	40098.	0.	5.6356E-02	1.2962E-02
40-Zr- 99	40099.	0.	5.6294E-02	6.1923E-03
40-Zr-100	40100.	0.	5.5816E-02	1.7861E-02
40-Zr-101	40101.	0.	3.0703E-02	8.5969E-04
40-Zr-102	40102.	0.	2.0495E-02	2.2544E-03
40-Zr-103	40103.	0.	5.0145E-03	3.2093E-03
40-Zr-104	40104.	0.	8.3355E-04	9.1691E-05
40-Zr-105	40105.	0.	1.1584E-03	7.4136E-04
40-Zr-106	40106.	0.	1.6799E-08	1.0751E-08
40-Zr-107	40107.	0.	1.5577E-09	9.9693E-10
40-Zr-108	40108.	0.	3.0998E-12	1.9839E-12
40-Zr-109	40109.	0.	3.8524E-09	2.4655E-09
40-Zr-110	40110.	0.	9.2893E-11	5.9452E-11
40-Zr-111	40111.	0.	2.1011E-14	1.3447E-14
40-Zr-112	40112.	0.	8.8935E-16	5.6919E-16
41-Nb- 89	41089.	0.	0.0000E+00	0.0000E+00
41-Nb- 90	41090.	0.	0.0000E+00	0.0000E+00
41-Nb- 91	41091.	0.	0.0000E+00	0.0000E+00
41-Nb- 92	41092.	0.	2.2698E-13	1.4527E-13
41-Nb- 93	41093.	0.	6.3463E-02	4.4424E-04
41-Nb- 93-M	41093.	1.	6.0290E-02	4.2203E-04
41-Nb- 94	41094.	0.	2.4698E-09	1.5807E-09
41-Nb- 94-M	41094.	1.	1.0099E-09	6.4635E-10

41-Nb- 95	41095.	0.	6.5029E-02	9.1040E-04
41-Nb- 95-M	41095.	1.	6.5052E-04	9.1073E-06
41-Nb- 96	41096.	0.	5.4396E-06	3.4813E-06
41-Nb- 97	41097.	0.	5.9968E-02	5.9968E-04
41-Nb- 97-M	41097.	1.	5.6270E-02	1.1254E-03
41-Nb- 98	41098.	0.	5.7512E-02	1.3228E-02
41-Nb- 98-M	41098.	1.	3.8549E-04	2.4672E-04
41-Nb- 99	41099.	0.	3.9705E-02	2.3823E-03
41-Nb- 99-M	41099.	1.	2.0954E-02	8.3816E-04
41-Nb-100	41100.	0.	3.1097E-02	9.9510E-03
41-Nb-100-M	41100.	1.	3.1097E-02	9.9510E-03
41-Nb-101	41101.	0.	4.9865E-02	9.9731E-04
41-Nb-102-M	41102.	1.	7.8944E-03	5.0524E-03
41-Nb-102	41102.	0.	2.8389E-02	1.8169E-02
41-Nb-103	41103.	0.	1.9119E-02	3.0590E-03
41-Nb-104-M	41104.	1.	2.8522E-03	1.8254E-03
41-Nb-104	41104.	0.	3.6968E-03	2.3660E-03
41-Nb-105	41105.	0.	2.5319E-03	8.1021E-04
41-Nb-106	41106.	0.	1.5739E-04	1.0073E-04
41-Nb-107	41107.	0.	2.3138E-05	1.4809E-05
41-Nb-108	41108.	0.	8.9994E-07	5.7596E-07
41-Nb-109	41109.	0.	4.8397E-06	3.0974E-06
41-Nb-110	41110.	0.	1.5299E-07	9.7913E-08
41-Nb-111	41111.	0.	8.0023E-10	5.1215E-10
41-Nb-112	41112.	0.	2.4903E-11	1.5938E-11
41-Nb-113	41113.	0.	1.2896E-14	8.2532E-15
41-Nb-114	41114.	0.	3.7433E-16	2.3957E-16
42-Mo- 90	42090.	0.	0.0000E+00	0.0000E+00
42-Mo- 91	42091.	0.	0.0000E+00	0.0000E+00
42-Mo- 92	42092.	0.	0.0000E+00	0.0000E+00
42-Mo- 93-M	42093.	1.	0.0000E+00	0.0000E+00
42-Mo- 93	42093.	0.	0.0000E+00	0.0000E+00
42-Mo- 94	42094.	0.	2.4698E-09	1.5807E-09
42-Mo- 95	42095.	0.	6.5029E-02	4.5520E-04
42-Mo- 96	42096.	0.	5.4396E-06	3.4813E-06
42-Mo- 97	42097.	0.	5.9968E-02	4.1978E-04
42-Mo- 98	42098.	0.	5.7899E-02	4.0529E-04
42-Mo- 99	42099.	0.	6.1087E-02	8.5522E-04
42-Mo-100	42100.	0.	6.2923E-02	4.4046E-04
42-Mo-101	42101.	0.	5.1724E-02	1.0345E-03
42-Mo-102	42102.	0.	4.2794E-02	4.7073E-03
42-Mo-103	42103.	0.	2.9487E-02	1.7693E-03
42-Mo-104	42104.	0.	1.7877E-02	7.1509E-04
42-Mo-105	42105.	0.	9.1570E-03	5.4942E-04
42-Mo-106	42106.	0.	3.7478E-03	2.2487E-04
42-Mo-107	42107.	0.	1.2376E-03	7.9203E-04
42-Mo-108	42108.	0.	3.0294E-04	1.9388E-04
42-Mo-109	42109.	0.	1.6011E-04	1.0247E-04
42-Mo-110	42110.	0.	3.9017E-05	2.4971E-05
42-Mo-111	42111.	0.	2.2798E-06	1.4591E-06
42-Mo-112	42112.	0.	9.6493E-08	6.1756E-08
42-Mo-113	42113.	0.	1.1143E-09	7.1317E-10
42-Mo-114	42114.	0.	4.3997E-11	2.8158E-11
42-Mo-115	42115.	0.	2.3683E-14	1.5157E-14
42-Mo-116	42116.	0.	0.0000E+00	0.0000E+00
42-Mo-117	42117.	0.	2.3222E-16	1.4862E-16
43-Tc- 93	43093.	0.	0.0000E+00	0.0000E+00
43-Tc- 95	43095.	0.	0.0000E+00	0.0000E+00

43-Tc- 95-M	43095.	1.	0.0000E+00	0.0000E+00
43-Tc- 97-M	43097.	1.	8.7994E-14	5.6316E-14
43-Tc- 97	43097.	0.	1.7599E-13	1.1263E-13
43-Tc- 98	43098.	0.	8.8894E-09	5.6892E-09
43-Tc- 99	43099.	0.	6.1087E-02	6.1087E-04
43-Tc- 99-M	43099.	1.	5.3757E-02	7.5260E-04
43-Tc-100	43100.	0.	5.5896E-08	3.5773E-08
43-Tc-101	43101.	0.	5.1725E-02	7.2416E-04
43-Tc-102	43102.	0.	2.2400E-03	3.5840E-04
43-Tc-102-M	43102.	1.	4.2889E-02	4.7178E-03
43-Tc-103	43103.	0.	3.0309E-02	1.8186E-03
43-Tc-104	43104.	0.	1.8804E-02	3.7607E-04
43-Tc-105	43105.	0.	9.6416E-03	7.7133E-04
43-Tc-106	43106.	0.	4.0155E-03	4.4170E-04
43-Tc-107	43107.	0.	1.4619E-03	9.3560E-04
43-Tc-108	43108.	0.	5.4082E-04	5.9490E-05
43-Tc-109	43109.	0.	2.9433E-04	6.7696E-05
43-Tc-110	43110.	0.	1.5541E-04	9.9462E-05
43-Tc-111	43111.	0.	4.7187E-05	3.0200E-05
43-Tc-112	43112.	0.	6.9495E-06	4.4477E-06
43-Tc-113	43113.	0.	1.3999E-06	8.9594E-07
43-Tc-114	43114.	0.	7.0095E-08	4.4861E-08
43-Tc-115	43115.	0.	9.0202E-10	5.7729E-10
43-Tc-116	43116.	0.	6.3096E-11	4.0381E-11
43-Tc-117	43117.	0.	8.8447E-12	5.6606E-12
43-Tc-118	43118.	0.	5.8872E-15	3.7678E-15
43-Tc-119	43119.	0.	7.5794E-17	4.8509E-17
44-Ru- 95	44095.	0.	0.0000E+00	0.0000E+00
44-Ru- 96	44096.	0.	0.0000E+00	0.0000E+00
44-Ru- 97	44097.	0.	0.0000E+00	0.0000E+00
44-Ru- 98	44098.	0.	8.8894E-09	4.0002E-09
44-Ru- 99	44099.	0.	6.1087E-02	6.1087E-04
44-Ru-100	44100.	0.	5.5896E-08	3.5773E-08
44-Ru-101	44101.	0.	5.1725E-02	5.1725E-04
44-Ru-102	44102.	0.	4.2985E-02	4.2985E-04
44-Ru-103	44103.	0.	3.0309E-02	4.2433E-04
44-Ru-104	44104.	0.	1.8807E-02	1.8807E-04
44-Ru-105	44105.	0.	9.6416E-03	5.7850E-04
44-Ru-106	44106.	0.	4.0155E-03	5.6217E-05
44-Ru-107	44107.	0.	1.4619E-03	1.1695E-04
44-Ru-108	44108.	0.	5.4125E-04	3.2475E-05
44-Ru-109-M	44109.	1.	8.5644E-06	5.4812E-06
44-Ru-109	44109.	0.	3.0359E-04	1.9430E-04
44-Ru-110	44110.	0.	2.5330E-04	4.0528E-05
44-Ru-111	44111.	0.	1.6544E-04	7.4447E-05
44-Ru-112	44112.	0.	1.0616E-04	4.7773E-05
44-Ru-113	44113.	0.	6.1946E-05	3.9645E-05
44-Ru-114	44114.	0.	1.7329E-05	1.1090E-05
44-Ru-115	44115.	0.	2.5698E-06	1.6447E-06
44-Ru-116	44116.	0.	2.4598E-07	1.5743E-07
44-Ru-117	44117.	0.	2.5198E-08	1.6127E-08
44-Ru-118	44118.	0.	6.9195E-10	4.4285E-10
44-Ru-119	44119.	0.	6.5495E-12	4.1917E-12
44-Ru-120	44120.	0.	3.0298E-12	1.9391E-12
44-Ru-121	44121.	0.	3.7806E-15	2.4196E-15
44-Ru-122	44122.	0.	0.0000E+00	0.0000E+00
44-Ru-124	44124.	0.	0.0000E+00	0.0000E+00
45-Rh- 99	45099.	0.	0.0000E+00	0.0000E+00

45-Rh-101	45101.	0.	3.2598E-13	1.4669E-13
45-Rh-101-M	45101.	1.	0.0000E+00	0.0000E+00
45-Rh-102	45102.	0.	5.9096E-12	3.7821E-12
45-Rh-102-M	45102.	1.	4.7297E-12	3.0270E-12
45-Rh-103	45103.	0.	3.0309E-02	3.0309E-04
45-Rh-103-M	45103.	1.	3.0006E-02	4.2009E-04
45-Rh-104	45104.	0.	1.9499E-10	1.2479E-10
45-Rh-104-M	45104.	1.	1.4699E-10	9.4073E-11
45-Rh-105	45105.	0.	9.6416E-03	1.9283E-04
45-Rh-105-M	45105.	1.	2.6032E-03	2.0826E-04
45-Rh-106	45106.	0.	4.0155E-03	5.6217E-05
45-Rh-106-M	45106.	1.	0.0000E+00	0.0000E+00
45-Rh-107	45107.	0.	1.4619E-03	8.7715E-05
45-Rh-108	45108.	0.	5.4125E-04	3.2475E-05
45-Rh-108-M	45108.	1.	0.0000E+00	0.0000E+00
45-Rh-109	45109.	0.	3.1220E-04	1.9981E-04
45-Rh-109-M	45109.	1.	1.5182E-04	9.7163E-05
45-Rh-110	45110.	0.	2.5386E-04	2.0309E-05
45-Rh-110-M	45110.	1.	5.6496E-07	3.6157E-07
45-Rh-111	45111.	0.	1.7424E-04	5.5756E-05
45-Rh-112	45112.	0.	1.2912E-04	1.4203E-05
45-Rh-113	45113.	0.	1.3037E-04	2.9985E-05
45-Rh-114	45114.	0.	6.7595E-05	4.3261E-05
45-Rh-115	45115.	0.	3.8857E-05	2.4869E-05
45-Rh-116	45116.	0.	8.9294E-06	5.7148E-06
45-Rh-117	45117.	0.	4.6697E-06	2.9886E-06
45-Rh-118	45118.	0.	3.6397E-07	2.3294E-07
45-Rh-119	45119.	0.	1.8599E-08	1.1903E-08
45-Rh-120	45120.	0.	2.3898E-08	1.5295E-08
45-Rh-121	45121.	0.	1.4399E-10	9.2154E-11
45-Rh-122	45122.	0.	2.8498E-12	1.8239E-12
45-Rh-123	45123.	0.	8.5194E-14	5.4524E-14
45-Rh-124	45124.	0.	1.0399E-14	6.6555E-15
46-Pd- 99	46099.	0.	0.0000E+00	0.0000E+00
46-Pd-101	46101.	0.	0.0000E+00	0.0000E+00
46-Pd-102	46102.	0.	9.4593E-13	4.2567E-13
46-Pd-103	46103.	0.	0.0000E+00	0.0000E+00
46-Pd-104	46104.	0.	1.9499E-10	1.2479E-10
46-Pd-105	46105.	0.	9.6416E-03	1.3498E-04
46-Pd-106	46106.	0.	4.0155E-03	4.0155E-05
46-Pd-107	46107.	0.	1.4619E-03	4.0934E-05
46-Pd-107-M	46107.	1.	0.0000E+00	0.0000E+00
46-Pd-108	46108.	0.	5.4125E-04	2.1650E-05
46-Pd-109	46109.	0.	3.1220E-04	1.9981E-04
46-Pd-109-M	46109.	1.	5.4596E-12	3.4942E-12
46-Pd-110	46110.	0.	2.5443E-04	1.0177E-05
46-Pd-111	46111.	0.	1.7408E-04	4.0038E-05
46-Pd-111-M	46111.	1.	7.9694E-07	2.5502E-07
46-Pd-112	46112.	0.	1.3041E-04	7.8247E-06
46-Pd-113	46113.	0.	1.4200E-04	1.1360E-05
46-Pd-114	46114.	0.	1.0915E-04	2.5105E-05
46-Pd-115	46115.	0.	1.1014E-04	6.6085E-06
46-Pd-116	46116.	0.	7.7095E-05	1.2335E-05
46-Pd-117	46117.	0.	9.2394E-05	7.3915E-06
46-Pd-118	46118.	0.	3.2148E-05	1.0287E-05
46-Pd-119	46119.	0.	4.3697E-06	2.7966E-06
46-Pd-120	46120.	0.	2.7118E-05	1.7356E-05
46-Pd-121	46121.	0.	4.7297E-07	3.0270E-07

46-Pd-122	46122.	0.	4.7697E-08	3.0526E-08
46-Pd-123	46123.	0.	3.9897E-09	2.5534E-09
46-Pd-124	46124.	0.	2.7298E-09	1.7471E-09
46-Pd-125	46125.	0.	0.0000E+00	0.0000E+00
46-Pd-126	46126.	0.	0.0000E+00	0.0000E+00
46-Pd-127	46127.	0.	0.0000E+00	0.0000E+00
46-Pd-128	46128.	0.	1.3399E-14	8.5754E-15
46-Pd-129	46129.	0.	0.0000E+00	0.0000E+00
46-Pd-130	46130.	0.	6.7895E-13	4.3453E-13
47-Ag-103	47103.	0.	0.0000E+00	0.0000E+00
47-Ag-105	47105.	0.	0.0000E+00	0.0000E+00
47-Ag-105-M	47105.	1.	0.0000E+00	0.0000E+00
47-Ag-106	47106.	0.	0.0000E+00	0.0000E+00
47-Ag-106-M	47106.	1.	0.0000E+00	0.0000E+00
47-Ag-107	47107.	0.	1.4619E-03	4.0934E-05
47-Ag-107-M	47107.	1.	0.0000E+00	0.0000E+00
47-Ag-108-M	47108.	1.	0.0000E+00	0.0000E+00
47-Ag-108	47108.	0.	0.0000E+00	0.0000E+00
47-Ag-109-M	47109.	1.	3.1205E-04	1.9971E-04
47-Ag-109	47109.	0.	3.1221E-04	1.9981E-04
47-Ag-110	47110.	0.	1.0099E-14	6.4635E-15
47-Ag-110-M	47110.	1.	2.2798E-14	1.4591E-14
47-Ag-111	47111.	0.	1.7379E-04	6.9515E-06
47-Ag-111-M	47111.	1.	1.7304E-04	1.9034E-05
47-Ag-112	47112.	0.	1.3042E-04	7.8252E-06
47-Ag-113	47113.	0.	1.2780E-04	7.6681E-06
47-Ag-113-M	47113.	1.	1.4239E-05	1.5663E-06
47-Ag-114	47114.	0.	1.1831E-04	9.4649E-06
47-Ag-115	47115.	0.	8.2334E-05	4.9401E-06
47-Ag-115-M	47115.	1.	4.3437E-05	6.9499E-06
47-Ag-116	47116.	0.	8.5984E-05	5.5030E-05
47-Ag-116-M	47116.	1.	4.6197E-05	1.4783E-05
47-Ag-117	47117.	0.	6.1376E-05	4.9100E-06
47-Ag-117-M	47117.	1.	6.1376E-05	4.9100E-06
47-Ag-118	47118.	0.	7.1385E-05	1.6419E-05
47-Ag-118-M	47118.	1.	4.6007E-05	2.9444E-05
47-Ag-119	47119.	0.	7.6895E-05	1.7686E-05
47-Ag-120-M	47120.	1.	4.3747E-06	2.7998E-06
47-Ag-120	47120.	0.	3.3111E-05	2.1191E-05
47-Ag-121	47121.	0.	2.6248E-05	6.0371E-06
47-Ag-122-M	47122.	1.	3.3398E-06	2.1375E-06
47-Ag-122	47122.	0.	3.3898E-06	2.1694E-06
47-Ag-123	47123.	0.	2.7598E-06	1.7663E-06
47-Ag-124	47124.	0.	5.5196E-06	3.5325E-06
47-Ag-125	47125.	0.	1.6599E-11	1.0623E-11
47-Ag-126	47126.	0.	4.7497E-12	3.0398E-12
47-Ag-127	47127.	0.	1.5799E-12	1.0111E-12
47-Ag-128	47128.	0.	1.2499E-13	7.9994E-14
47-Ag-129	47129.	0.	2.9186E-17	1.8679E-17
47-Ag-130	47130.	0.	6.6595E-08	4.2621E-08
47-Ag-131	47131.	0.	1.5945E-09	1.0205E-09
48-Cd-105	48105.	0.	0.0000E+00	0.0000E+00
48-Cd-106	48106.	0.	0.0000E+00	0.0000E+00
48-Cd-107	48107.	0.	0.0000E+00	0.0000E+00
48-Cd-108	48108.	0.	0.0000E+00	0.0000E+00
48-Cd-109	48109.	0.	0.0000E+00	0.0000E+00
48-Cd-110	48110.	0.	3.2598E-14	2.0862E-14
48-Cd-111	48111.	0.	1.7431E-04	4.8806E-06

48-Cd-111-M	48111.	1.	0.0000E+00	0.0000E+00
48-Cd-112	48112.	0.	1.3042E-04	5.2168E-06
48-Cd-113	48113.	0.	1.4038E-04	5.6152E-06
48-Cd-113-M	48113.	1.	1.6599E-06	1.3279E-07
48-Cd-114	48114.	0.	1.1832E-04	4.7329E-06
48-Cd-115	48115.	0.	1.1578E-04	6.9469E-06
48-Cd-115-M	48115.	1.	1.0049E-05	6.0296E-07
48-Cd-116	48116.	0.	1.3248E-04	5.2992E-06
48-Cd-117	48117.	0.	9.3183E-05	5.5910E-06
48-Cd-117-M	48117.	1.	3.4428E-05	5.5084E-06
48-Cd-118	48118.	0.	1.1338E-04	2.6078E-05
48-Cd-119	48119.	0.	6.2916E-05	2.0133E-05
48-Cd-119-M	48119.	1.	6.0936E-05	1.9499E-05
48-Cd-120	48120.	0.	1.1975E-04	5.3888E-05
48-Cd-121-M	48121.	1.	3.6192E-05	2.3163E-05
48-Cd-121	48121.	0.	6.2451E-05	3.9968E-05
48-Cd-122	48122.	0.	1.2604E-04	8.0666E-05
48-Cd-123	48123.	0.	1.0375E-04	6.6402E-05
48-Cd-124	48124.	0.	1.2694E-04	8.1242E-05
48-Cd-125	48125.	0.	5.5456E-05	3.5492E-05
48-Cd-126	48126.	0.	8.0784E-05	3.6353E-05
48-Cd-127	48127.	0.	8.1544E-05	3.6695E-05
48-Cd-128	48128.	0.	3.5528E-05	2.2738E-05
48-Cd-129	48129.	0.	7.2395E-09	4.6333E-09
48-Cd-130	48130.	0.	8.7805E-04	5.6195E-04
48-Cd-131	48131.	0.	1.3778E-04	8.8179E-05
48-Cd-132	48132.	0.	0.0000E+00	0.0000E+00
48-Cd-133	48133.	0.	4.4894E-11	2.8732E-11
48-Cd-134	48134.	0.	9.3293E-13	5.9708E-13
48-Cd-136	48136.	0.	0.0000E+00	0.0000E+00
49-In-107	49107.	0.	0.0000E+00	0.0000E+00
49-In-109	49109.	0.	0.0000E+00	0.0000E+00
49-In-111	49111.	0.	0.0000E+00	0.0000E+00
49-In-112	49112.	0.	0.0000E+00	0.0000E+00
49-In-112-M	49112.	1.	0.0000E+00	0.0000E+00
49-In-113	49113.	0.	1.4204E-04	5.6816E-06
49-In-113-M	49113.	1.	0.0000E+00	0.0000E+00
49-In-114	49114.	0.	1.0899E-14	6.9755E-15
49-In-114-M	49114.	1.	0.0000E+00	0.0000E+00
49-In-115	49115.	0.	1.2155E-04	4.8621E-06
49-In-115-M	49115.	1.	1.1578E-04	6.9469E-06
49-In-116-N	49116.	2.	2.5665E-11	1.6425E-11
49-In-116	49116.	0.	2.5665E-11	1.6425E-11
49-In-116-M	49116.	1.	5.1330E-11	3.2851E-11
49-In-117	49117.	0.	8.1994E-05	6.5595E-06
49-In-117-M	49117.	1.	8.6074E-05	5.1644E-06
49-In-118-N	49118.	2.	8.4494E-09	5.4076E-09
49-In-118	49118.	0.	1.1343E-04	1.8149E-05
49-In-118-M	49118.	1.	1.6772E-08	1.0734E-08
49-In-119	49119.	0.	6.8805E-05	1.5825E-05
49-In-119-M	49119.	1.	6.3076E-05	2.0184E-05
49-In-120-N	49120.	2.	0.0000E+00	0.0000E+00
49-In-120	49120.	0.	6.3026E-05	1.4496E-05
49-In-120-M	49120.	1.	6.3026E-05	1.4496E-05
49-In-121	49121.	0.	6.1699E-05	3.9487E-05
49-In-121-M	49121.	1.	6.5690E-05	4.2042E-05
49-In-122-N	49122.	2.	0.0000E+00	0.0000E+00
49-In-122	49122.	0.	1.3861E-04	8.8710E-05

49-In-122-M	49122.	1.	1.2569E-05	8.0442E-06
49-In-123	49123.	0.	1.1900E-04	2.7370E-05
49-In-123-M	49123.	1.	2.6368E-05	6.0647E-06
49-In-124-M	49124.	1.	1.6954E-05	1.0850E-05
49-In-124	49124.	0.	1.4389E-04	9.2093E-05
49-In-125	49125.	0.	8.6054E-05	1.9792E-05
49-In-125-M	49125.	1.	6.3865E-05	7.0252E-06
49-In-126-M	49126.	1.	9.7263E-05	6.2248E-05
49-In-126	49126.	0.	1.6479E-05	1.0546E-05
49-In-127	49127.	0.	4.5247E-04	7.2395E-05
49-In-127-M	49127.	1.	1.0332E-04	2.3764E-05
49-In-128-M	49128.	1.	1.3147E-04	8.4141E-05
49-In-128	49128.	0.	1.6696E-04	1.0685E-04
49-In-129	49129.	0.	2.7539E-04	8.8125E-05
49-In-129-M	49129.	1.	2.5341E-04	4.0546E-05
49-In-130-N	49130.	2.	0.0000E+00	0.0000E+00
49-In-130-M	49130.	1.	0.0000E+00	0.0000E+00
49-In-130	49130.	0.	9.7225E-04	3.1112E-04
49-In-131-M	49131.	1.	0.0000E+00	0.0000E+00
49-In-131	49131.	0.	2.4897E-04	7.9671E-05
49-In-132	49132.	0.	6.2266E-05	8.7172E-07
49-In-133	49133.	0.	1.7099E-06	1.0943E-06
49-In-134	49134.	0.	3.4697E-08	2.2206E-08
49-In-135	49135.	0.	7.2554E-11	4.6435E-11
49-In-136	49136.	0.	1.6799E-12	1.0751E-12
49-In-137	49137.	0.	2.1523E-12	1.3775E-12
50-Sn-111	50111.	0.	0.0000E+00	0.0000E+00
50-Sn-112	50112.	0.	0.0000E+00	0.0000E+00
50-Sn-113-M	50113.	1.	0.0000E+00	0.0000E+00
50-Sn-113	50113.	0.	0.0000E+00	0.0000E+00
50-Sn-114	50114.	0.	1.0699E-14	6.8475E-15
50-Sn-115	50115.	0.	1.2583E-04	3.5233E-06
50-Sn-116	50116.	0.	7.7095E-11	4.9341E-11
50-Sn-117-M	50117.	1.	2.6238E-07	1.6792E-07
50-Sn-117	50117.	0.	1.2761E-04	8.1671E-05
50-Sn-118	50118.	0.	1.1345E-04	9.0762E-06
50-Sn-119	50119.	0.	1.2873E-04	1.0298E-05
50-Sn-119-M	50119.	1.	3.4398E-06	7.9114E-07
50-Sn-120	50120.	0.	1.2608E-04	1.0086E-05
50-Sn-121	50121.	0.	1.2884E-04	8.2455E-05
50-Sn-121-M	50121.	1.	7.2510E-06	4.6406E-06
50-Sn-122	50122.	0.	1.5483E-04	1.2386E-05
50-Sn-123	50123.	0.	8.0394E-06	1.2863E-06
50-Sn-123-M	50123.	1.	1.4847E-04	5.9388E-06
50-Sn-124	50124.	0.	2.6775E-04	2.1420E-05
50-Sn-125	50125.	0.	1.6038E-04	6.4151E-06
50-Sn-125-M	50125.	1.	1.7954E-04	1.4363E-05
50-Sn-126	50126.	0.	5.6143E-04	4.4914E-05
50-Sn-127	50127.	0.	1.1948E-03	7.1686E-05
50-Sn-127-M	50127.	1.	3.0391E-04	9.7251E-05
50-Sn-128-M	50128.	1.	1.5049E-03	9.6314E-04
50-Sn-128	50128.	0.	3.3161E-03	2.1223E-03
50-Sn-129	50129.	0.	2.8239E-03	2.2591E-04
50-Sn-129-M	50129.	1.	1.9687E-03	7.8748E-05
50-Sn-130-M	50130.	1.	5.7043E-03	3.6508E-03
50-Sn-130	50130.	0.	6.1072E-03	3.9086E-03
50-Sn-131-M	50131.	1.	4.4172E-03	2.8270E-03
50-Sn-131	50131.	0.	4.6405E-03	2.9699E-03

50-Sn-132	50132.	0.	5.9772E-03	1.6736E-04
50-Sn-133	50133.	0.	1.3789E-03	6.2051E-04
50-Sn-134	50134.	0.	1.7697E-04	1.1326E-04
50-Sn-135	50135.	0.	6.2696E-06	2.0063E-06
50-Sn-136	50136.	0.	1.5699E-07	1.0047E-07
50-Sn-137	50137.	0.	1.8599E-07	1.1903E-07
50-Sn-138	50138.	0.	3.2898E-11	2.1055E-11
50-Sn-139	50139.	0.	3.6755E-13	2.3524E-13
51-Sb-113	51113.	0.	0.0000E+00	0.0000E+00
51-Sb-115	51115.	0.	0.0000E+00	0.0000E+00
51-Sb-117	51117.	0.	0.0000E+00	0.0000E+00
51-Sb-118	51118.	0.	0.0000E+00	0.0000E+00
51-Sb-118-M	51118.	1.	0.0000E+00	0.0000E+00
51-Sb-119	51119.	0.	3.8897E-14	2.4894E-14
51-Sb-120	51120.	0.	9.0294E-13	5.7788E-13
51-Sb-120-M	51120.	1.	1.2999E-12	8.3194E-13
51-Sb-121	51121.	0.	1.3046E-04	7.8276E-06
51-Sb-122	51122.	0.	3.9197E-09	2.5086E-09
51-Sb-122-M	51122.	1.	2.0799E-09	1.3311E-09
51-Sb-123	51123.	0.	1.5657E-04	4.3839E-06
51-Sb-124-N	51124.	2.	1.2099E-08	7.7435E-09
51-Sb-124	51124.	0.	9.7573E-08	6.2447E-08
51-Sb-124-M	51124.	1.	1.2099E-08	7.7435E-09
51-Sb-125	51125.	0.	3.4020E-04	9.5255E-06
51-Sb-126-N	51126.	2.	3.8475E-04	2.4624E-04
51-Sb-126	51126.	0.	8.7514E-05	1.4002E-05
51-Sb-126-M	51126.	1.	5.7862E-04	4.6290E-05
51-Sb-127	51127.	0.	1.5696E-03	6.2783E-05
51-Sb-128	51128.	0.	2.2834E-04	1.4614E-04
51-Sb-128-M	51128.	1.	3.3798E-03	2.1630E-03
51-Sb-129	51129.	0.	5.4333E-03	7.6066E-05
51-Sb-130	51130.	0.	7.8494E-03	5.0236E-03
51-Sb-130-M	51130.	1.	9.6747E-03	6.1918E-03
51-Sb-131	51131.	0.	2.5565E-02	7.1581E-04
51-Sb-132	51132.	0.	1.6023E-02	9.6140E-04
51-Sb-132-M	51132.	1.	1.1616E-02	4.6465E-04
51-Sb-133	51133.	0.	2.3973E-02	1.4384E-03
51-Sb-134-M	51134.	1.	3.5825E-03	2.2928E-03
51-Sb-134	51134.	0.	3.7271E-03	2.3853E-03
51-Sb-135	51135.	0.	1.4576E-03	8.7458E-05
51-Sb-136	51136.	0.	1.1504E-04	7.3627E-05
51-Sb-137	51137.	0.	7.4350E-04	4.7584E-04
51-Sb-138	51138.	0.	3.9197E-07	2.5086E-07
51-Sb-139	51139.	0.	1.3999E-08	8.9594E-09
51-Sb-140	51140.	0.	1.4389E-09	9.2088E-10
51-Sb-141	51141.	0.	3.7504E-12	2.4003E-12
51-Sb-142	51142.	0.	1.7611E-13	1.1271E-13
52-Te-115	52115.	0.	0.0000E+00	0.0000E+00
52-Te-117	52117.	0.	0.0000E+00	0.0000E+00
52-Te-118	52118.	0.	0.0000E+00	0.0000E+00
52-Te-119	52119.	0.	0.0000E+00	0.0000E+00
52-Te-120	52120.	0.	0.0000E+00	0.0000E+00
52-Te-121-M	52121.	1.	0.0000E+00	0.0000E+00
52-Te-121	52121.	0.	0.0000E+00	0.0000E+00
52-Te-122	52122.	0.	3.8097E-09	2.4382E-09
52-Te-123	52123.	0.	2.2298E-11	1.4271E-11
52-Te-123-M	52123.	1.	1.7199E-11	1.1007E-11
52-Te-124	52124.	0.	1.0399E-07	6.6555E-08

52-Te-125	52125.	0.	3.4020E-04	6.8039E-06
52-Te-125-M	52125.	1.	7.6545E-05	2.1432E-06
52-Te-126	52126.	0.	5.8514E-04	4.6811E-05
52-Te-127	52127.	0.	1.5635E-03	6.2542E-05
52-Te-127-M	52127.	1.	2.5113E-04	1.0045E-05
52-Te-128	52128.	0.	3.4881E-03	9.7668E-05
52-Te-129	52129.	0.	5.1051E-03	7.1472E-05
52-Te-129-M	52129.	1.	9.0207E-04	1.2629E-05
52-Te-130	52130.	0.	1.8103E-02	3.6206E-04
52-Te-131	52131.	0.	2.5487E-02	5.0974E-04
52-Te-131-M	52131.	1.	4.1228E-03	1.6491E-04
52-Te-132	52132.	0.	4.2948E-02	6.0127E-04
52-Te-133	52133.	0.	3.0577E-02	8.5615E-04
52-Te-133-M	52133.	1.	3.9929E-02	1.1180E-03
52-Te-134	52134.	0.	6.9725E-02	1.9523E-03
52-Te-135	52135.	0.	3.3392E-02	1.3357E-03
52-Te-136	52136.	0.	1.3389E-02	1.0711E-03
52-Te-137	52137.	0.	4.5333E-03	4.9866E-04
52-Te-138	52138.	0.	6.6221E-04	2.1191E-04
52-Te-139	52139.	0.	6.6645E-05	2.1326E-05
52-Te-140	52140.	0.	1.6912E-04	1.0824E-04
52-Te-141	52141.	0.	3.2408E-07	2.0741E-07
52-Te-142	52142.	0.	2.0699E-08	1.3247E-08
52-Te-143	52143.	0.	4.8809E-12	3.1238E-12
52-Te-144	52144.	0.	5.5767E-13	3.5691E-13
53-I -121	53121.	0.	0.0000E+00	0.0000E+00
53-I -123	53123.	0.	0.0000E+00	0.0000E+00
53-I -125	53125.	0.	0.0000E+00	0.0000E+00
53-I -126	53126.	0.	1.6999E-12	1.0879E-12
53-I -127	53127.	0.	1.5696E-03	4.3948E-05
53-I -128	53128.	0.	1.0399E-08	6.6555E-09
53-I -129	53129.	0.	5.4335E-03	5.4335E-05
53-I -130	53130.	0.	2.1199E-06	1.3567E-06
53-I -130-M	53130.	1.	6.6595E-07	4.2621E-07
53-I -131	53131.	0.	2.8907E-02	2.8907E-04
53-I -132-M	53132.	1.	9.1309E-05	5.8438E-05
53-I -132	53132.	0.	4.3118E-02	2.7596E-02
53-I -133-M	53133.	1.	8.2512E-04	5.2808E-04
53-I -133	53133.	0.	6.6965E-02	4.2858E-02
53-I -134	53134.	0.	7.8296E-02	4.6978E-03
53-I -134-M	53134.	1.	3.6418E-03	2.3308E-03
53-I -135	53135.	0.	6.2819E-02	8.7946E-04
53-I -136	53136.	0.	2.6430E-02	1.5858E-03
53-I -136-M	53136.	1.	1.2634E-02	7.5807E-04
53-I -137	53137.	0.	3.0680E-02	8.5904E-04
53-I -138	53138.	0.	1.4864E-02	4.1619E-04
53-I -139	53139.	0.	7.7756E-03	6.2205E-04
53-I -140	53140.	0.	1.5366E-03	3.5342E-04
53-I -141	53141.	0.	4.0713E-04	9.3640E-05
53-I -142	53142.	0.	5.8586E-05	3.7495E-05
53-I -143	53143.	0.	1.8590E-07	1.1898E-07
53-I -144	53144.	0.	1.5616E-08	9.9940E-09
53-I -145	53145.	0.	8.2853E-12	5.3026E-12
53-I -146	53146.	0.	9.0180E-13	5.7715E-13
53-I -147	53147.	0.	2.0634E-13	1.3206E-13
54-Xe-124	54124.	0.	0.0000E+00	0.0000E+00
54-Xe-125-M	54125.	1.	0.0000E+00	0.0000E+00
54-Xe-125	54125.	0.	0.0000E+00	0.0000E+00

54-Xe-126	54126.	0.	7.4995E-13	4.7997E-13
54-Xe-127-M	54127.	1.	0.0000E+00	0.0000E+00
54-Xe-127	54127.	0.	0.0000E+00	0.0000E+00
54-Xe-128	54128.	0.	9.7093E-09	6.2140E-09
54-Xe-129-M	54129.	1.	0.0000E+00	0.0000E+00
54-Xe-129	54129.	0.	5.4335E-03	3.4774E-03
54-Xe-130	54130.	0.	2.2198E-06	3.5517E-07
54-Xe-131	54131.	0.	2.8907E-02	1.4454E-04
54-Xe-131-M	54131.	1.	4.0470E-04	5.6658E-06
54-Xe-132	54132.	0.	4.3131E-02	1.5096E-04
54-Xe-133	54133.	0.	6.6991E-02	4.2874E-02
54-Xe-133-M	54133.	1.	1.9475E-03	1.2464E-03
54-Xe-134	54134.	0.	7.8721E-02	3.9360E-04
54-Xe-134-M	54134.	1.	3.1897E-04	2.0414E-04
54-Xe-135	54135.	0.	6.5385E-02	4.5769E-04
54-Xe-135-M	54135.	1.	1.1016E-02	1.5422E-04
54-Xe-136	54136.	0.	6.3127E-02	2.2095E-04
54-Xe-137	54137.	0.	6.1283E-02	6.1283E-04
54-Xe-138	54138.	0.	6.2968E-02	8.8156E-04
54-Xe-139	54139.	0.	5.0388E-02	1.0078E-03
54-Xe-140	54140.	0.	3.6538E-02	7.3077E-04
54-Xe-141	54141.	0.	1.2520E-02	3.5055E-04
54-Xe-142	54142.	0.	4.3922E-03	2.6353E-04
54-Xe-143-M	54143.	1.	2.6472E-04	1.6942E-04
54-Xe-143	54143.	0.	2.6490E-04	1.6954E-04
54-Xe-144	54144.	0.	6.0506E-05	6.6556E-06
54-Xe-145	54145.	0.	7.1595E-07	2.2910E-07
54-Xe-146	54146.	0.	1.0599E-07	3.3918E-08
54-Xe-147	54147.	0.	1.7830E-08	1.1411E-08
54-Xe-148	54148.	0.	1.0999E-11	7.0395E-12
54-Xe-149	54149.	0.	9.5193E-14	6.0924E-14
54-Xe-150	54150.	0.	0.0000E+00	0.0000E+00
55-Cs-127	55127.	0.	0.0000E+00	0.0000E+00
55-Cs-129	55129.	0.	0.0000E+00	0.0000E+00
55-Cs-131	55131.	0.	2.5398E-14	1.6255E-14
55-Cs-132	55132.	0.	7.3795E-10	4.7229E-10
55-Cs-133	55133.	0.	6.6991E-02	2.3447E-04
55-Cs-134-M	55134.	1.	3.8547E-08	2.4670E-08
55-Cs-134	55134.	0.	7.7095E-08	4.9340E-08
55-Cs-135-M	55135.	1.	2.4548E-06	1.5711E-06
55-Cs-135	55135.	0.	6.5390E-02	4.1850E-02
55-Cs-136-M	55136.	1.	2.7688E-05	1.7720E-05
55-Cs-136	55136.	0.	5.5376E-05	3.5441E-05
55-Cs-137	55137.	0.	6.1883E-02	3.0942E-04
55-Cs-138	55138.	0.	6.7076E-02	4.6953E-04
55-Cs-138-M	55138.	1.	2.2337E-03	2.4571E-04
55-Cs-139	55139.	0.	6.3446E-02	6.3446E-04
55-Cs-140	55140.	0.	5.7242E-02	8.0138E-04
55-Cs-141	55141.	0.	4.1684E-02	5.8358E-04
55-Cs-142	55142.	0.	2.7172E-02	7.6081E-04
55-Cs-143	55143.	0.	1.4546E-02	4.0728E-04
55-Cs-144	55144.	0.	4.2345E-03	2.5407E-04
55-Cs-145	55145.	0.	7.5690E-04	6.0552E-05
55-Cs-146	55146.	0.	7.6515E-05	6.1212E-06
55-Cs-147	55147.	0.	2.2400E-05	1.4336E-05
55-Cs-148	55148.	0.	1.3099E-07	8.3834E-08
55-Cs-149	55149.	0.	3.6256E-09	2.3204E-09
55-Cs-150	55150.	0.	1.9899E-11	1.2735E-11

55-Cs-151	55151.	0.	9.4690E-14	6.0602E-14
55-Cs-152	55152.	0.	1.2676E-15	8.1128E-16
56-Ba-129	56129.	0.	0.0000E+00	0.0000E+00
56-Ba-131	56131.	0.	0.0000E+00	0.0000E+00
56-Ba-132	56132.	0.	1.6199E-11	7.2895E-12
56-Ba-133	56133.	0.	1.0399E-14	6.6555E-15
56-Ba-134	56134.	0.	7.7095E-08	4.6257E-09
56-Ba-135-M	56135.	1.	3.8197E-10	2.4446E-10
56-Ba-135	56135.	0.	6.5390E-02	4.1850E-02
56-Ba-136-M	56136.	1.	6.2258E-06	3.9845E-06
56-Ba-136	56136.	0.	5.5416E-05	3.5466E-05
56-Ba-137	56137.	0.	6.1885E-02	3.0942E-04
56-Ba-137-M	56137.	1.	5.8543E-02	2.9271E-04
56-Ba-138	56138.	0.	6.7676E-02	3.3838E-04
56-Ba-139	56139.	0.	6.4134E-02	4.4894E-04
56-Ba-140	56140.	0.	6.2145E-02	6.2145E-04
56-Ba-141	56141.	0.	5.8285E-02	1.6320E-03
56-Ba-142	56142.	0.	5.7521E-02	1.1504E-03
56-Ba-143	56143.	0.	5.5450E-02	1.5526E-03
56-Ba-144	56144.	0.	4.3953E-02	8.7905E-04
56-Ba-145	56145.	0.	1.9326E-02	1.1596E-03
56-Ba-146	56146.	0.	9.2046E-03	2.5773E-04
56-Ba-147	56147.	0.	2.4588E-03	3.9340E-04
56-Ba-148	56148.	0.	2.2197E-04	9.9888E-05
56-Ba-149	56149.	0.	1.0329E-05	6.6107E-06
56-Ba-150	56150.	0.	5.0197E-07	3.2126E-07
56-Ba-151	56151.	0.	8.1824E-09	5.2367E-09
56-Ba-152	56152.	0.	1.4899E-10	9.5353E-11
56-Ba-153	56153.	0.	3.7281E-13	2.3860E-13
56-Ba-154	56154.	0.	0.0000E+00	0.0000E+00
57-La-133	57133.	0.	0.0000E+00	0.0000E+00
57-La-135	57135.	0.	0.0000E+00	0.0000E+00
57-La-137	57137.	0.	6.9295E-11	4.4349E-11
57-La-138	57138.	0.	3.1798E-07	1.2719E-08
57-La-139	57139.	0.	6.4134E-02	4.4894E-04
57-La-140	57140.	0.	6.2197E-02	6.2197E-04
57-La-141	57141.	0.	5.8470E-02	1.1694E-03
57-La-142	57142.	0.	5.8486E-02	8.1881E-04
57-La-143	57143.	0.	5.9244E-02	1.6588E-03
57-La-144	57144.	0.	5.4650E-02	7.6510E-04
57-La-145	57145.	0.	3.8476E-02	1.5390E-03
57-La-146-M	57146.	1.	7.4494E-03	4.7676E-03
57-La-146	57146.	0.	1.6654E-02	1.0659E-02
57-La-147	57147.	0.	8.8914E-03	5.3349E-04
57-La-148	57148.	0.	3.5849E-03	2.2943E-03
57-La-149	57149.	0.	8.0909E-04	5.1782E-04
57-La-150	57150.	0.	1.0466E-04	6.6984E-05
57-La-151	57151.	0.	1.0279E-05	6.5787E-06
57-La-152	57152.	0.	4.5297E-07	2.8990E-07
57-La-153	57153.	0.	1.4199E-08	9.0874E-09
57-La-154	57154.	0.	1.4599E-10	9.3433E-11
57-La-155	57155.	0.	2.9508E-13	1.8885E-13
57-La-156	57156.	0.	4.8748E-15	3.1199E-15
57-La-157	57157.	0.	5.3114E-17	3.3993E-17
58-Ce-135	58135.	0.	0.0000E+00	0.0000E+00
58-Ce-137	58137.	0.	0.0000E+00	0.0000E+00
58-Ce-138	58138.	0.	9.5493E-08	3.8197E-09
58-Ce-139	58139.	0.	9.9093E-12	6.3419E-12

58-Ce-139-M	58139.	1.	7.0295E-12	4.4989E-12
58-Ce-140	58140.	0.	6.2197E-02	3.1098E-04
58-Ce-141	58141.	0.	5.8470E-02	5.8470E-04
58-Ce-142	58142.	0.	5.8488E-02	2.9244E-04
58-Ce-143	58143.	0.	5.9558E-02	8.3381E-04
58-Ce-144	58144.	0.	5.4996E-02	3.8497E-04
58-Ce-145	58145.	0.	3.9330E-02	2.3598E-03
58-Ce-146	58146.	0.	2.9933E-02	4.1906E-04
58-Ce-147	58147.	0.	1.8871E-02	1.1323E-03
58-Ce-148	58148.	0.	1.5948E-02	1.2759E-03
58-Ce-149	58149.	0.	7.7800E-03	6.2240E-04
58-Ce-150	58150.	0.	4.0219E-03	2.5740E-03
58-Ce-151	58151.	0.	1.0005E-03	6.4034E-04
58-Ce-152	58152.	0.	2.0582E-04	1.3173E-04
58-Ce-153	58153.	0.	1.7069E-05	1.0924E-05
58-Ce-154	58154.	0.	9.1194E-07	5.8364E-07
58-Ce-155	58155.	0.	2.5498E-08	1.6319E-08
58-Ce-156	58156.	0.	5.7296E-10	3.6669E-10
58-Ce-157	58157.	0.	4.5897E-12	2.9374E-12
58-Ce-158	58158.	0.	3.8697E-14	2.4766E-14
58-Ce-159	58159.	0.	1.2812E-16	8.1996E-17
58-Ce-160	58160.	0.	0.0000E+00	0.0000E+00
59-Pr-139	59139.	0.	0.0000E+00	0.0000E+00
59-Pr-140	59140.	0.	0.0000E+00	0.0000E+00
59-Pr-141	59141.	0.	5.8470E-02	5.8470E-04
59-Pr-142-M	59142.	1.	2.3148E-11	1.4815E-11
59-Pr-142	59142.	0.	4.6297E-11	2.9630E-11
59-Pr-143	59143.	0.	5.9558E-02	4.1690E-04
59-Pr-144	59144.	0.	5.4996E-02	2.7498E-04
59-Pr-144-M	59144.	1.	2.7511E-04	1.9258E-06
59-Pr-145	59145.	0.	3.9334E-02	2.7534E-04
59-Pr-146	59146.	0.	2.9969E-02	2.0978E-04
59-Pr-147	59147.	0.	2.2467E-02	5.1673E-03
59-Pr-148-M	59148.	1.	3.8861E-04	2.4871E-04
59-Pr-148	59148.	0.	1.6337E-02	1.0456E-02
59-Pr-149	59149.	0.	1.0748E-02	6.4489E-04
59-Pr-150	59150.	0.	6.2053E-03	6.8258E-04
59-Pr-151	59151.	0.	3.3861E-03	1.0836E-03
59-Pr-152	59152.	0.	1.2314E-03	7.8807E-04
59-Pr-153	59153.	0.	3.8451E-04	2.4609E-04
59-Pr-154	59154.	0.	5.1116E-05	3.2714E-05
59-Pr-155	59155.	0.	6.7595E-06	4.3261E-06
59-Pr-156	59156.	0.	4.0697E-07	2.6046E-07
59-Pr-157	59157.	0.	1.6499E-08	1.0559E-08
59-Pr-158	59158.	0.	3.7497E-10	2.3998E-10
59-Pr-159	59159.	0.	4.8797E-12	3.1230E-12
59-Pr-160	59160.	0.	2.8198E-14	1.8047E-14
59-Pr-161	59161.	0.	7.1282E-17	4.5620E-17
59-Pr-162	59162.	0.	2.9606E-19	1.8948E-19
60-Nd-140	60140.	0.	0.0000E+00	0.0000E+00
60-Nd-141	60141.	0.	0.0000E+00	0.0000E+00
60-Nd-142	60142.	0.	4.6297E-11	2.9630E-11
60-Nd-143	60143.	0.	5.9558E-02	2.0845E-04
60-Nd-144	60144.	0.	5.4996E-02	1.9248E-04
60-Nd-145	60145.	0.	3.9334E-02	1.3767E-04
60-Nd-146	60146.	0.	2.9969E-02	1.0489E-04
60-Nd-147	60147.	0.	2.2467E-02	3.1454E-04
60-Nd-148	60148.	0.	1.6735E-02	5.8574E-05

60-Nd-149	60149.	0.	1.0816E-02	3.0286E-04
60-Nd-150	60150.	0.	6.5325E-03	3.2662E-05
60-Nd-151	60151.	0.	4.1812E-03	1.6725E-04
60-Nd-152	60152.	0.	2.6412E-03	1.0565E-04
60-Nd-153	60153.	0.	1.4940E-03	2.3904E-04
60-Nd-154	60154.	0.	6.3134E-04	2.0203E-04
60-Nd-155	60155.	0.	1.8214E-04	1.1657E-04
60-Nd-156	60156.	0.	4.7427E-05	3.0353E-05
60-Nd-157	60157.	0.	4.8597E-06	3.1102E-06
60-Nd-158	60158.	0.	5.1896E-07	3.3214E-07
60-Nd-159	60159.	0.	1.7699E-08	1.1327E-08
60-Nd-160	60160.	0.	5.0496E-10	3.2318E-10
60-Nd-161	60161.	0.	6.1596E-12	3.9421E-12
60-Nd-162	60162.	0.	3.4797E-14	2.2270E-14
60-Nd-163	60163.	0.	0.0000E+00	0.0000E+00
60-Nd-164	60164.	0.	0.0000E+00	0.0000E+00
61-Pm-141	61141.	0.	0.0000E+00	0.0000E+00
61-Pm-143	61143.	0.	0.0000E+00	0.0000E+00
61-Pm-144	61144.	0.	0.0000E+00	0.0000E+00
61-Pm-145	61145.	0.	0.0000E+00	0.0000E+00
61-Pm-146	61146.	0.	4.4997E-12	2.8798E-12
61-Pm-147	61147.	0.	2.2467E-02	2.2467E-04
61-Pm-148	61148.	0.	4.8197E-11	3.0846E-11
61-Pm-148-M	61148.	1.	8.0994E-11	5.1836E-11
61-Pm-149	61149.	0.	1.0816E-02	2.1633E-04
61-Pm-150	61150.	0.	2.9998E-07	1.9199E-07
61-Pm-151	61151.	0.	4.1877E-03	8.3753E-05
61-Pm-152-N	61152.	2.	9.2793E-06	5.9388E-06
61-Pm-152	61152.	0.	2.6505E-03	5.3009E-05
61-Pm-152-M	61152.	1.	9.2793E-06	5.9388E-06
61-Pm-153	61153.	0.	1.5820E-03	1.2656E-04
61-Pm-154	61154.	0.	6.8546E-04	7.5401E-05
61-Pm-154-M	61154.	1.	5.4136E-05	3.4647E-05
61-Pm-155	61155.	0.	3.0823E-04	4.9316E-05
61-Pm-156	61156.	0.	1.1806E-04	5.3128E-05
61-Pm-157	61157.	0.	3.4198E-05	2.1887E-05
61-Pm-158	61158.	0.	7.5795E-06	4.8509E-06
61-Pm-159	61159.	0.	1.0799E-06	6.9115E-07
61-Pm-160	61160.	0.	7.5995E-08	4.8637E-08
61-Pm-161	61161.	0.	4.4097E-09	2.8222E-09
61-Pm-162	61162.	0.	6.7995E-11	4.3517E-11
61-Pm-163	61163.	0.	1.8199E-12	1.1647E-12
61-Pm-164	61164.	0.	1.6599E-14	1.0623E-14
61-Pm-165	61165.	0.	0.0000E+00	0.0000E+00
61-Pm-166	61166.	0.	5.4704E-19	3.5010E-19
62-Sm-143	62143.	0.	0.0000E+00	0.0000E+00
62-Sm-143-M	62143.	1.	0.0000E+00	0.0000E+00
62-Sm-144	62144.	0.	0.0000E+00	0.0000E+00
62-Sm-145	62145.	0.	0.0000E+00	0.0000E+00
62-Sm-146	62146.	0.	1.5799E-12	7.1095E-13
62-Sm-147	62147.	0.	2.2467E-02	1.5727E-04
62-Sm-148	62148.	0.	1.2599E-10	8.0634E-11
62-Sm-149	62149.	0.	1.0816E-02	1.0816E-04
62-Sm-150	62150.	0.	2.9998E-07	1.9199E-07
62-Sm-151	62151.	0.	4.1877E-03	4.1877E-05
62-Sm-152	62152.	0.	2.6691E-03	2.6691E-05
62-Sm-153	62153.	0.	1.5828E-03	6.3311E-05
62-Sm-154	62154.	0.	7.4434E-04	7.4434E-06

62-Sm-155	62155.	0.	3.2133E-04	2.5706E-05
62-Sm-156	62156.	0.	1.4837E-04	1.1870E-05
62-Sm-157	62157.	0.	6.0866E-05	9.7385E-06
62-Sm-158	62158.	0.	3.1558E-05	1.0098E-05
62-Sm-159	62159.	0.	8.4994E-06	3.8247E-06
62-Sm-160	62160.	0.	2.1898E-06	1.4015E-06
62-Sm-161	62161.	0.	2.8798E-07	1.8431E-07
62-Sm-162	62162.	0.	2.0299E-08	1.2991E-08
62-Sm-163	62163.	0.	1.3799E-09	8.8314E-10
62-Sm-164	62164.	0.	6.0396E-11	3.8653E-11
62-Sm-165	62165.	0.	2.5498E-12	1.6319E-12
62-Sm-166	62166.	0.	6.4295E-14	4.1149E-14
62-Sm-167	62167.	0.	0.0000E+00	0.0000E+00
62-Sm-168	62168.	0.	0.0000E+00	0.0000E+00
62-Sm-170	62170.	0.	0.0000E+00	0.0000E+00
63-Eu-147	63147.	0.	0.0000E+00	0.0000E+00
63-Eu-149	63149.	0.	0.0000E+00	0.0000E+00
63-Eu-151	63151.	0.	4.1877E-03	4.1877E-05
63-Eu-152-N	63152.	2.	9.0660E-13	5.8023E-13
63-Eu-152	63152.	0.	1.3599E-12	8.7034E-13
63-Eu-152-M	63152.	1.	1.3599E-12	8.7034E-13
63-Eu-153	63153.	0.	1.5828E-03	4.4318E-05
63-Eu-154-M	63154.	1.	9.6993E-10	6.2076E-10
63-Eu-154	63154.	0.	1.9399E-09	1.2415E-09
63-Eu-155	63155.	0.	3.2136E-04	1.2854E-05
63-Eu-156	63156.	0.	1.4853E-04	5.9412E-06
63-Eu-157	63157.	0.	6.1496E-05	4.9197E-06
63-Eu-158	63158.	0.	3.2848E-05	5.2556E-06
63-Eu-159	63159.	0.	1.0049E-05	1.1054E-06
63-Eu-160	63160.	0.	3.0898E-06	1.3904E-06
63-Eu-161	63161.	0.	7.4095E-07	2.3710E-07
63-Eu-162	63162.	0.	9.0194E-08	5.7724E-08
63-Eu-163	63163.	0.	2.0799E-08	1.3311E-08
63-Eu-164	63164.	0.	2.0699E-09	1.3247E-09
63-Eu-165	63165.	0.	3.8997E-10	2.4958E-10
63-Eu-166	63166.	0.	2.5098E-11	1.6063E-11
63-Eu-167	63167.	0.	2.2398E-12	1.4335E-12
63-Eu-168	63168.	0.	2.8498E-14	1.8239E-14
63-Eu-169	63169.	0.	0.0000E+00	0.0000E+00
63-Eu-170	63170.	0.	0.0000E+00	0.0000E+00
64-Gd-147	64147.	0.	0.0000E+00	0.0000E+00
64-Gd-149	64149.	0.	0.0000E+00	0.0000E+00
64-Gd-151	64151.	0.	0.0000E+00	0.0000E+00
64-Gd-152	64152.	0.	1.4299E-12	9.1514E-13
64-Gd-153	64153.	0.	0.0000E+00	0.0000E+00
64-Gd-154	64154.	0.	1.9399E-09	1.2415E-09
64-Gd-155	64155.	0.	3.2136E-04	1.2854E-05
64-Gd-156	64156.	0.	1.4853E-04	4.1588E-06
64-Gd-157	64157.	0.	6.1506E-05	4.9205E-06
64-Gd-158	64158.	0.	3.2858E-05	3.6143E-06
64-Gd-159	64159.	0.	1.0089E-05	6.0536E-07
64-Gd-160	64160.	0.	3.1898E-06	1.0207E-06
64-Gd-161	64161.	0.	8.5194E-07	6.8155E-08
64-Gd-162	64162.	0.	1.5799E-07	1.0111E-07
64-Gd-163	64163.	0.	5.8896E-08	3.7693E-08
64-Gd-164	64164.	0.	1.6999E-08	1.0879E-08
64-Gd-165	64165.	0.	6.5295E-09	4.1789E-09
64-Gd-166	64166.	0.	1.6899E-09	1.0815E-09

64-Gd-167	64167.	0.	3.6997E-10	2.3678E-10
64-Gd-168	64168.	0.	2.1799E-11	1.3951E-11
64-Gd-169	64169.	0.	1.1899E-12	7.6155E-13
64-Gd-170	64170.	0.	2.6798E-14	1.7151E-14
64-Gd-171	64171.	0.	0.0000E+00	0.0000E+00
64-Gd-172	64172.	0.	0.0000E+00	0.0000E+00
65-Tb-151	65151.	0.	0.0000E+00	0.0000E+00
65-Tb-153	65153.	0.	0.0000E+00	0.0000E+00
65-Tb-155	65155.	0.	0.0000E+00	0.0000E+00
65-Tb-156	65156.	0.	0.0000E+00	0.0000E+00
65-Tb-156-M	65156.	1.	0.0000E+00	0.0000E+00
65-Tb-157	65157.	0.	4.9297E-14	3.1550E-14
65-Tb-158	65158.	0.	1.3299E-12	8.5114E-13
65-Tb-158-M	65158.	1.	1.3299E-13	8.5114E-14
65-Tb-159	65159.	0.	1.0089E-05	6.0536E-07
65-Tb-160	65160.	0.	2.8398E-10	1.8175E-10
65-Tb-161	65161.	0.	8.5294E-07	3.4118E-08
65-Tb-162	65162.	0.	1.5499E-07	6.9745E-08
65-Tb-162-M	65162.	1.	3.6097E-09	1.6244E-09
65-Tb-163	65163.	0.	6.1096E-08	2.7493E-08
65-Tb-164	65164.	0.	1.8799E-08	8.4594E-09
65-Tb-165	65165.	0.	9.3393E-09	5.9772E-09
65-Tb-166	65166.	0.	3.2298E-09	1.4534E-09
65-Tb-167	65167.	0.	1.7099E-09	1.0943E-09
65-Tb-168	65168.	0.	1.9499E-10	1.2479E-10
65-Tb-169	65169.	0.	4.1897E-11	2.6814E-11
65-Tb-170	65170.	0.	2.2598E-12	1.4463E-12
65-Tb-171	65171.	0.	2.9198E-13	1.8687E-13
65-Tb-172	65172.	0.	1.0499E-14	6.7195E-15
66-Dy-155	66155.	0.	0.0000E+00	0.0000E+00
66-Dy-156	66156.	0.	0.0000E+00	0.0000E+00
66-Dy-157	66157.	0.	0.0000E+00	0.0000E+00
66-Dy-158	66158.	0.	2.1298E-13	1.3631E-13
66-Dy-159	66159.	0.	0.0000E+00	0.0000E+00
66-Dy-160	66160.	0.	2.8398E-10	1.8175E-10
66-Dy-161	66161.	0.	8.5294E-07	3.4118E-08
66-Dy-162	66162.	0.	1.5899E-07	5.0876E-08
66-Dy-163	66163.	0.	6.1096E-08	1.9551E-08
66-Dy-164	66164.	0.	1.8799E-08	6.0156E-09
66-Dy-165	66165.	0.	9.3993E-09	3.0078E-09
66-Dy-165-M	66165.	1.	4.6897E-09	2.1103E-09
66-Dy-166	66166.	0.	3.6297E-09	1.1615E-09
66-Dy-167	66167.	0.	2.4598E-09	1.1069E-09
66-Dy-168	66168.	0.	5.5896E-10	3.5774E-10
66-Dy-169	66169.	0.	2.1598E-10	1.3823E-10
66-Dy-170	66170.	0.	3.9497E-11	2.5278E-11
66-Dy-171	66171.	0.	1.1199E-11	7.1675E-12
66-Dy-172	66172.	0.	1.7799E-12	1.1391E-12
67-Ho-159	67159.	0.	0.0000E+00	0.0000E+00
67-Ho-159-M	67159.	1.	0.0000E+00	0.0000E+00
67-Ho-161	67161.	0.	0.0000E+00	0.0000E+00
67-Ho-161-M	67161.	1.	0.0000E+00	0.0000E+00
67-Ho-162	67162.	0.	0.0000E+00	0.0000E+00
67-Ho-162-M	67162.	1.	0.0000E+00	0.0000E+00
67-Ho-163	67163.	0.	0.0000E+00	0.0000E+00
67-Ho-163-M	67163.	1.	0.0000E+00	0.0000E+00
67-Ho-164	67164.	0.	1.1499E-14	7.3595E-15
67-Ho-164-M	67164.	1.	0.0000E+00	0.0000E+00

67-Ho-165	67165.	0.	9.5193E-09	3.0462E-09
67-Ho-166	67166.	0.	3.6297E-09	1.1615E-09
67-Ho-166-M	67166.	1.	9.4093E-13	6.0220E-13
67-Ho-167	67167.	0.	2.4698E-09	1.1114E-09
67-Ho-168	67168.	0.	5.7096E-10	2.5693E-10
67-Ho-169	67169.	0.	2.3798E-10	1.5231E-10
67-Ho-170	67170.	0.	4.4497E-11	2.0024E-11
67-Ho-170-M	67170.	1.	4.9297E-12	3.1550E-12
67-Ho-171	67171.	0.	2.1899E-11	1.4015E-11
67-Ho-172	67172.	0.	5.4696E-12	3.5005E-12
68-Er-161	68161.	0.	0.0000E+00	0.0000E+00
68-Er-162	68162.	0.	0.0000E+00	0.0000E+00
68-Er-163	68163.	0.	0.0000E+00	0.0000E+00
68-Er-164	68164.	0.	0.0000E+00	0.0000E+00
68-Er-165	68165.	0.	0.0000E+00	0.0000E+00
68-Er-166	68166.	0.	3.6297E-09	1.1615E-09
68-Er-167	68167.	0.	2.4698E-09	7.9034E-10
68-Er-167-M	68167.	1.	2.4698E-10	1.1114E-10
68-Er-168	68168.	0.	5.7096E-10	1.8271E-10
68-Er-169	68169.	0.	2.3798E-10	1.0709E-10
68-Er-170	68170.	0.	5.0096E-11	1.6031E-11
68-Er-171	68171.	0.	2.3498E-11	1.0574E-11
68-Er-172	68172.	0.	7.6795E-12	3.4558E-12
69-Tm-165	69165.	0.	0.0000E+00	0.0000E+00
69-Tm-166	69166.	0.	0.0000E+00	0.0000E+00
69-Tm-167	69167.	0.	0.0000E+00	0.0000E+00
69-Tm-168	69168.	0.	0.0000E+00	0.0000E+00
69-Tm-169	69169.	0.	2.3798E-10	7.6155E-11
69-Tm-170	69170.	0.	0.0000E+00	0.0000E+00
69-Tm-171	69171.	0.	2.3498E-11	1.0574E-11
69-Tm-172	69172.	0.	7.6895E-12	3.4603E-12
70-Yb-166	70166.	0.	0.0000E+00	0.0000E+00
70-Yb-167	70167.	0.	0.0000E+00	0.0000E+00
70-Yb-168	70168.	0.	0.0000E+00	0.0000E+00
70-Yb-169	70169.	0.	0.0000E+00	0.0000E+00
70-Yb-169-M	70169.	1.	0.0000E+00	0.0000E+00
70-Yb-170	70170.	0.	0.0000E+00	0.0000E+00
70-Yb-171	70171.	0.	2.3498E-11	7.5195E-12
70-Yb-172	70172.	0.	7.6895E-12	2.4606E-12
71-Lu-169	71169.	0.	0.0000E+00	0.0000E+00
71-Lu-169-M	71169.	1.	0.0000E+00	0.0000E+00
71-Lu-171	71171.	0.	0.0000E+00	0.0000E+00
71-Lu-171-M	71171.	1.	0.0000E+00	0.0000E+00
71-Lu-172	71172.	0.	0.0000E+00	0.0000E+00
71-Lu-172-M	71172.	1.	0.0000E+00	0.0000E+00
72-Hf-171	72171.	0.	0.0000E+00	0.0000E+00
72-Hf-172	72172.	0.	0.0000E+00	0.0000E+00

Neutron energy = 5.0000E+05

Interpolation scheme= 0

PRODUCT	ZAFP	FPS	Y	DY
23-V - 66	23066.	0.	4.4846E-18	2.8701E-18
23-V - 67	23067.	0.	7.3375E-19	4.6960E-19
24-Cr- 66	24066.	0.	4.0300E-13	2.5792E-13
24-Cr- 67	24067.	0.	4.8800E-14	3.1232E-14
24-Cr- 68	24068.	0.	0.0000E+00	0.0000E+00

24-Cr- 69	24069.	0.	2.8947E-17	1.8526E-17
24-Cr- 70	24070.	0.	0.0000E+00	0.0000E+00
25-Mn- 66	25066.	0.	9.4799E-11	6.0672E-11
25-Mn- 67	25067.	0.	5.3200E-11	3.4048E-11
25-Mn- 68	25068.	0.	6.6599E-12	4.2624E-12
25-Mn- 69	25069.	0.	8.9199E-13	5.7087E-13
25-Mn- 70	25070.	0.	5.7800E-14	3.6992E-14
25-Mn- 71	25071.	0.	0.0000E+00	0.0000E+00
25-Mn- 72	25072.	0.	1.1907E-16	7.6204E-17
25-Mn- 73	25073.	0.	1.2525E-17	8.0159E-18
26-Fe- 66	26066.	0.	4.0400E-09	2.5856E-09
26-Fe- 67	26067.	0.	5.1900E-09	3.3216E-09
26-Fe- 68	26068.	0.	2.8600E-09	1.8304E-09
26-Fe- 69	26069.	0.	9.5799E-10	6.1312E-10
26-Fe- 70	26070.	0.	2.8200E-10	1.8048E-10
26-Fe- 71	26071.	0.	5.1600E-11	3.3024E-11
26-Fe- 72	26072.	0.	1.0700E-11	6.8479E-12
26-Fe- 73	26073.	0.	8.3299E-13	5.3312E-13
26-Fe- 74	26074.	0.	3.4900E-14	2.2336E-14
26-Fe- 75	26075.	0.	1.1099E-15	7.1031E-16
26-Fe- 76	26076.	0.	0.0000E+00	0.0000E+00
27-Co- 66	27066.	0.	6.7399E-09	4.3136E-09
27-Co- 67	27067.	0.	1.8200E-08	1.1648E-08
27-Co- 68	27068.	0.	1.8000E-08	1.1520E-08
27-Co- 69	27069.	0.	2.1700E-08	1.3888E-08
27-Co- 70	27070.	0.	1.4200E-08	9.0879E-09
27-Co- 71	27071.	0.	1.1500E-08	7.3599E-09
27-Co- 72	27072.	0.	6.0399E-09	3.8656E-09
27-Co- 73	27073.	0.	2.2100E-09	1.4144E-09
27-Co- 74	27074.	0.	2.4400E-10	1.5616E-10
27-Co- 75	27075.	0.	3.4200E-11	2.1888E-11
27-Co- 76	27076.	0.	3.5300E-12	2.2592E-12
27-Co- 77	27077.	0.	6.1346E-14	3.9262E-14
27-Co- 78	27078.	0.	2.8599E-15	1.8303E-15
28-Ni- 66	28066.	0.	7.2299E-09	3.2535E-09
28-Ni- 67	28067.	0.	2.3200E-08	1.0440E-08
28-Ni- 68	28068.	0.	3.9800E-08	2.5472E-08
28-Ni- 69	28069.	0.	8.1399E-08	5.2096E-08
28-Ni- 70	28070.	0.	1.6000E-07	1.0240E-07
28-Ni- 71	28071.	0.	2.6900E-07	1.7216E-07
28-Ni- 72	28072.	0.	5.6900E-07	3.6416E-07
28-Ni- 73	28073.	0.	4.9700E-07	3.1808E-07
28-Ni- 74	28074.	0.	2.4800E-07	1.5872E-07
28-Ni- 75	28075.	0.	8.8799E-08	5.6831E-08
28-Ni- 76	28076.	0.	4.3600E-08	2.7904E-08
28-Ni- 77	28077.	0.	4.0800E-09	2.6112E-09
28-Ni- 78	28078.	0.	2.5700E-10	1.6448E-10
28-Ni- 79	28079.	0.	1.5123E-12	9.6786E-13
28-Ni- 80	28080.	0.	1.2800E-13	8.1919E-14
28-Ni- 81	28081.	0.	3.0375E-15	1.9440E-15
28-Ni- 82	28082.	0.	0.0000E+00	0.0000E+00
29-Cu- 66	29066.	0.	7.2299E-09	2.3136E-09
29-Cu- 67	29067.	0.	2.3200E-08	7.4239E-09
29-Cu- 68	29068.	0.	4.0100E-08	1.8045E-08
29-Cu- 68-M	29068.	1.	3.7100E-10	2.3744E-10
29-Cu- 69	29069.	0.	8.6999E-08	3.9150E-08
29-Cu- 70	29070.	0.	8.6099E-08	5.5103E-08
29-Cu- 70-M	29070.	1.	1.0200E-07	6.5279E-08

29-Cu-	71	29071.	0.	4.4700E-07	2.8608E-07
29-Cu-	72	29072.	0.	1.3500E-06	8.6399E-07
29-Cu-	73	29073.	0.	3.1100E-06	1.9904E-06
29-Cu-	74	29074.	0.	3.1200E-06	1.9968E-06
29-Cu-	75	29075.	0.	4.4500E-06	2.8480E-06
29-Cu-	76	29076.	0.	5.2499E-06	3.3600E-06
29-Cu-	77	29077.	0.	2.2400E-06	1.4336E-06
29-Cu-	78	29078.	0.	3.7600E-07	2.4064E-07
29-Cu-	79	29079.	0.	4.6600E-08	2.9824E-08
29-Cu-	80	29080.	0.	2.5400E-09	1.6256E-09
29-Cu-	81	29081.	0.	9.3599E-11	5.9903E-11
29-Cu-	82	29082.	0.	1.6200E-12	1.0368E-12
29-Cu-	83	29083.	0.	3.6988E-14	2.3673E-14
30-Zn-	66	30066.	0.	7.2299E-09	1.6629E-09
30-Zn-	67	30067.	0.	2.3200E-08	5.3359E-09
30-Zn-	68	30068.	0.	4.0300E-08	9.2689E-09
30-Zn-	69	30069.	0.	8.6999E-08	2.7840E-08
30-Zn-	69-M	30069.	1.	4.7800E-11	3.0592E-11
30-Zn-	70	30070.	0.	1.8900E-07	4.3470E-08
30-Zn-	71	30071.	0.	4.5000E-07	2.0250E-07
30-Zn-	71-M	30071.	1.	1.4700E-08	9.4079E-09
30-Zn-	72	30072.	0.	1.6600E-06	7.4699E-07
30-Zn-	73	30073.	0.	5.1900E-06	3.3216E-06
30-Zn-	74	30074.	0.	1.1480E-05	7.3471E-06
30-Zn-	75	30075.	0.	3.0170E-05	1.9309E-05
30-Zn-	76	30076.	0.	1.2418E-04	7.9474E-05
30-Zn-	77	30077.	0.	1.1678E-04	7.4739E-05
30-Zn-	78	30078.	0.	8.5959E-05	5.5014E-05
30-Zn-	79	30079.	0.	2.6250E-05	1.6800E-05
30-Zn-	80	30080.	0.	7.0899E-06	4.5376E-06
30-Zn-	81	30081.	0.	7.2399E-07	4.6336E-07
30-Zn-	82	30082.	0.	6.4399E-08	4.1216E-08
30-Zn-	83	30083.	0.	2.4600E-09	1.5744E-09
30-Zn-	84	30084.	0.	7.1699E-11	4.5888E-11
30-Zn-	85	30085.	0.	7.2369E-13	4.6316E-13
30-Zn-	86	30086.	0.	0.0000E+00	0.0000E+00
31-Ga-	66	31066.	0.	0.0000E+00	0.0000E+00
31-Ga-	67	31067.	0.	0.0000E+00	0.0000E+00
31-Ga-	68	31068.	0.	0.0000E+00	0.0000E+00
31-Ga-	69	31069.	0.	8.6999E-08	2.0010E-08
31-Ga-	70	31070.	0.	5.6499E-13	3.6160E-13
31-Ga-	71	31071.	0.	4.6500E-07	1.0695E-07
31-Ga-	72-M	31072.	1.	8.0999E-10	5.1840E-10
31-Ga-	72	31072.	0.	1.6600E-06	1.0624E-06
31-Ga-	73	31073.	0.	5.2400E-06	2.3580E-06
31-Ga-	74-M	31074.	1.	8.8219E-06	5.6460E-06
31-Ga-	74	31074.	0.	9.6944E-06	6.2044E-06
31-Ga-	75	31075.	0.	3.5180E-05	1.5831E-05
31-Ga-	76	31076.	0.	1.7105E-04	3.9341E-05
31-Ga-	77	31077.	0.	2.8178E-04	1.8034E-04
31-Ga-	78	31078.	0.	3.4689E-04	2.2201E-04
31-Ga-	79	31079.	0.	3.4160E-04	2.1862E-04
31-Ga-	80	31080.	0.	2.1497E-04	1.3758E-04
31-Ga-	81	31081.	0.	1.0036E-04	6.4230E-05
31-Ga-	82	31082.	0.	2.3770E-05	1.5213E-05
31-Ga-	83	31083.	0.	4.7000E-06	3.0080E-06
31-Ga-	84	31084.	0.	3.8300E-07	2.4512E-07
31-Ga-	85	31085.	0.	2.2300E-08	1.4272E-08

31-Ga- 86	31086.	0.	4.8500E-10	3.1040E-10
31-Ga- 87	31087.	0.	4.7513E-12	3.0408E-12
31-Ga- 88	31088.	0.	1.5357E-13	9.8282E-14
32-Ge- 66	32066.	0.	0.0000E+00	0.0000E+00
32-Ge- 67	32067.	0.	0.0000E+00	0.0000E+00
32-Ge- 68	32068.	0.	0.0000E+00	0.0000E+00
32-Ge- 69	32069.	0.	0.0000E+00	0.0000E+00
32-Ge- 70	32070.	0.	5.6499E-13	3.6160E-13
32-Ge- 71	32071.	0.	0.0000E+00	0.0000E+00
32-Ge- 71-M	32071.	1.	0.0000E+00	0.0000E+00
32-Ge- 72	32072.	0.	1.6600E-06	3.8180E-07
32-Ge- 73	32073.	0.	5.2400E-06	8.3839E-07
32-Ge- 73-M	32073.	1.	5.2400E-06	1.6768E-06
32-Ge- 74	32074.	0.	1.1900E-05	2.7370E-06
32-Ge- 75	32075.	0.	3.5300E-05	1.1296E-05
32-Ge- 75-M	32075.	1.	1.5100E-06	6.7949E-07
32-Ge- 76	32076.	0.	1.7576E-04	1.9333E-05
32-Ge- 77	32077.	0.	1.1857E-04	5.3356E-05
32-Ge- 77-M	32077.	1.	2.5230E-04	1.6147E-04
32-Ge- 78	32078.	0.	5.6831E-04	2.5574E-04
32-Ge- 79-M	32079.	1.	2.8617E-04	1.8315E-04
32-Ge- 79	32079.	0.	6.0518E-04	3.8731E-04
32-Ge- 80	32080.	0.	1.5912E-03	5.0920E-04
32-Ge- 81	32081.	0.	1.5533E-03	9.9410E-04
32-Ge- 82	32082.	0.	1.5206E-03	9.7316E-04
32-Ge- 83	32083.	0.	7.6979E-04	4.9267E-04
32-Ge- 84	32084.	0.	3.0089E-04	1.9257E-04
32-Ge- 85	32085.	0.	4.9150E-05	3.1456E-05
32-Ge- 86	32086.	0.	5.4199E-06	3.4688E-06
32-Ge- 87	32087.	0.	3.1600E-07	2.0224E-07
32-Ge- 88	32088.	0.	1.3800E-08	8.8319E-09
32-Ge- 89	32089.	0.	6.8150E-11	4.3616E-11
32-Ge- 90	32090.	0.	3.2653E-12	2.0898E-12
32-Ge- 91	32091.	0.	1.3126E-13	8.4004E-14
33-As- 69	33069.	0.	0.0000E+00	0.0000E+00
33-As- 71	33071.	0.	0.0000E+00	0.0000E+00
33-As- 72	33072.	0.	0.0000E+00	0.0000E+00
33-As- 73	33073.	0.	0.0000E+00	0.0000E+00
33-As- 74	33074.	0.	4.0400E-13	2.5856E-13
33-As- 74-M	33074.	1.	2.9500E-13	1.8880E-13
33-As- 75	33075.	0.	3.5300E-05	8.1189E-06
33-As- 76	33076.	0.	5.4799E-09	3.5072E-09
33-As- 77	33077.	0.	3.1808E-04	7.3158E-05
33-As- 78	33078.	0.	5.7117E-04	1.3137E-04
33-As- 79	33079.	0.	9.0841E-04	4.0879E-04
33-As- 80	33080.	0.	1.7553E-03	4.0371E-04
33-As- 81	33081.	0.	2.2361E-03	7.1555E-04
33-As- 82	33082.	0.	2.2594E-03	1.0167E-03
33-As- 82-M	33082.	1.	7.3901E-04	4.7297E-04
33-As- 83	33083.	0.	3.8545E-03	2.4669E-03
33-As- 84-M	33084.	1.	1.3780E-03	8.8190E-04
33-As- 84	33084.	0.	1.6713E-03	1.0696E-03
33-As- 85	33085.	0.	2.1124E-03	1.3519E-03
33-As- 86	33086.	0.	5.9319E-04	3.7964E-04
33-As- 87	33087.	0.	1.6790E-04	1.0746E-04
33-As- 88	33088.	0.	2.0140E-05	1.2889E-05
33-As- 89	33089.	0.	2.1000E-06	1.3440E-06
33-As- 90	33090.	0.	7.4468E-08	4.7659E-08

33-As-	91	33091.	0.	4.0445E-09	2.5885E-09
33-As-	92	33092.	0.	6.1315E-12	3.9242E-12
33-As-	93	33093.	0.	8.7891E-12	5.6250E-12
34-Se-	72	34072.	0.	0.0000E+00	0.0000E+00
34-Se-	73	34073.	0.	0.0000E+00	0.0000E+00
34-Se-	73-M	34073.	1.	0.0000E+00	0.0000E+00
34-Se-	74	34074.	0.	1.3200E-13	5.9400E-14
34-Se-	75	34075.	0.	0.0000E+00	0.0000E+00
34-Se-	76	34076.	0.	5.4799E-09	3.5072E-09
34-Se-	77	34077.	0.	3.1808E-04	3.4989E-05
34-Se-	77-M	34077.	1.	9.5399E-07	3.0528E-07
34-Se-	78	34078.	0.	5.7118E-04	6.2829E-05
34-Se-	79	34079.	0.	9.0856E-04	2.0897E-04
34-Se-	79-M	34079.	1.	9.0842E-04	2.9069E-04
34-Se-	80	34080.	0.	1.7595E-03	1.9355E-04
34-Se-	81	34081.	0.	2.2799E-03	5.2438E-04
34-Se-	81-M	34081.	1.	3.8580E-05	2.4691E-05
34-Se-	82	34082.	0.	3.4005E-03	3.7406E-04
34-Se-	83	34083.	0.	2.9471E-03	1.8861E-03
34-Se-	83-M	34083.	1.	2.7864E-03	1.2539E-03
34-Se-	84	34084.	0.	1.0042E-02	8.0333E-04
34-Se-	85	34085.	0.	6.3951E-03	2.8778E-03
34-Se-	85-M	34085.	1.	5.3636E-03	2.4136E-03
34-Se-	86	34086.	0.	1.2885E-02	2.9635E-03
34-Se-	87	34087.	0.	6.8438E-03	2.1900E-03
34-Se-	88	34088.	0.	4.4871E-03	2.8717E-03
34-Se-	89	34089.	0.	1.2193E-03	7.8034E-04
34-Se-	90	34090.	0.	2.3855E-04	1.5267E-04
34-Se-	91	34091.	0.	9.5899E-06	6.1375E-06
34-Se-	92	34092.	0.	5.5100E-07	3.5264E-07
34-Se-	93	34093.	0.	5.8454E-07	3.7411E-07
34-Se-	94	34094.	0.	1.5800E-10	1.0112E-10
34-Se-	95	34095.	0.	3.0995E-12	1.9837E-12
34-Se-	96	34096.	0.	3.0800E-14	1.9712E-14
35-Br-	75	35075.	0.	0.0000E+00	0.0000E+00
35-Br-	77	35077.	0.	0.0000E+00	0.0000E+00
35-Br-	77-M	35077.	1.	0.0000E+00	0.0000E+00
35-Br-	78	35078.	0.	1.2400E-13	7.9359E-14
35-Br-	79	35079.	0.	9.0856E-04	9.9942E-05
35-Br-	79-M	35079.	1.	1.1900E-11	7.6159E-12
35-Br-	80	35080.	0.	1.1500E-09	7.3599E-10
35-Br-	80-M	35080.	1.	8.9499E-10	5.7279E-10
35-Br-	81	35081.	0.	2.2800E-03	2.5080E-04
35-Br-	82	35082.	0.	1.4200E-06	9.0879E-07
35-Br-	82-M	35082.	1.	3.8500E-07	2.4640E-07
35-Br-	83	35083.	0.	5.7652E-03	1.3260E-03
35-Br-	84	35084.	0.	1.0126E-02	4.0503E-04
35-Br-	84-M	35084.	1.	1.7892E-04	1.1451E-04
35-Br-	85	35085.	0.	1.3601E-02	3.8082E-04
35-Br-	86	35086.	0.	1.5134E-02	2.4214E-03
35-Br-	86-M	35086.	1.	2.2558E-03	1.4437E-03
35-Br-	87	35087.	0.	2.1128E-02	1.2677E-03
35-Br-	88	35088.	0.	2.1230E-02	1.2738E-03
35-Br-	89	35089.	0.	1.4436E-02	3.3202E-03
35-Br-	90	35090.	0.	7.4763E-03	4.4858E-04
35-Br-	91	35091.	0.	1.3696E-03	8.7652E-04
35-Br-	92	35092.	0.	2.0984E-04	1.3430E-04
35-Br-	93	35093.	0.	6.4247E-04	4.1118E-04

35-Br- 94	35094.	0.	8.1499E-07	5.2159E-07
35-Br- 95	35095.	0.	9.5508E-08	6.1125E-08
35-Br- 96	35096.	0.	2.2800E-09	1.4592E-09
35-Br- 97	35097.	0.	1.7291E-11	1.1066E-11
35-Br- 98	35098.	0.	4.8073E-13	3.0766E-13
36-Kr- 77	36077.	0.	0.0000E+00	0.0000E+00
36-Kr- 78	36078.	0.	0.0000E+00	0.0000E+00
36-Kr- 79-M	36079.	1.	0.0000E+00	0.0000E+00
36-Kr- 79	36079.	0.	0.0000E+00	0.0000E+00
36-Kr- 80	36080.	0.	1.1500E-09	7.3599E-10
36-Kr- 81	36081.	0.	6.2699E-12	4.0128E-12
36-Kr- 81-M	36081.	1.	7.5199E-13	4.8128E-13
36-Kr- 82	36082.	0.	1.4300E-06	9.1519E-07
36-Kr- 83	36083.	0.	5.7653E-03	5.7653E-05
36-Kr- 83-M	36083.	1.	5.7652E-03	1.1531E-04
36-Kr- 84	36084.	0.	1.0307E-02	1.4430E-04
36-Kr- 85	36085.	0.	2.7495E-03	5.4989E-05
36-Kr- 85-M	36085.	1.	1.3607E-02	1.9050E-04
36-Kr- 86	36086.	0.	1.9468E-02	1.9468E-04
36-Kr- 87	36087.	0.	2.5425E-02	3.5595E-04
36-Kr- 88	36088.	0.	3.4396E-02	6.8792E-04
36-Kr- 89	36089.	0.	3.9829E-02	7.9658E-04
36-Kr- 90	36090.	0.	4.6128E-02	1.2916E-03
36-Kr- 91	36091.	0.	3.0373E-02	8.5046E-04
36-Kr- 92	36092.	0.	1.3818E-02	1.1055E-03
36-Kr- 93	36093.	0.	3.5341E-03	1.5903E-03
36-Kr- 94	36094.	0.	6.1972E-04	3.9662E-04
36-Kr- 95	36095.	0.	2.2646E-04	1.4493E-04
36-Kr- 96	36096.	0.	2.3090E-05	1.4777E-05
36-Kr- 97	36097.	0.	1.1500E-06	7.3599E-07
36-Kr- 98	36098.	0.	4.3200E-08	2.7648E-08
36-Kr- 99	36099.	0.	2.9553E-11	1.8914E-11
36-Kr-100	36100.	0.	9.5999E-12	6.1439E-12
36-Kr-101	36101.	0.	3.5106E-13	2.2468E-13
37-Rb- 79	37079.	0.	0.0000E+00	0.0000E+00
37-Rb- 81	37081.	0.	0.0000E+00	0.0000E+00
37-Rb- 83	37083.	0.	1.3000E-12	8.3199E-13
37-Rb- 84	37084.	0.	1.4900E-10	9.5359E-11
37-Rb- 85	37085.	0.	1.3638E-02	9.5465E-05
37-Rb- 86-M	37086.	1.	2.1900E-07	1.4016E-07
37-Rb- 86	37086.	0.	4.3800E-07	2.8032E-07
37-Rb- 87	37087.	0.	2.5438E-02	2.5438E-04
37-Rb- 88	37088.	0.	3.4944E-02	4.8921E-04
37-Rb- 89	37089.	0.	4.3728E-02	4.8101E-03
37-Rb- 90	37090.	0.	4.2650E-02	1.7060E-03
37-Rb- 90-M	37090.	1.	1.1968E-02	3.8297E-03
37-Rb- 91	37091.	0.	5.0476E-02	5.5524E-03
37-Rb- 92	37092.	0.	4.1785E-02	6.6856E-03
37-Rb- 93	37093.	0.	3.7584E-02	1.5033E-03
37-Rb- 94	37094.	0.	1.9504E-02	1.1703E-03
37-Rb- 95	37095.	0.	9.1901E-03	4.1355E-03
37-Rb- 96	37096.	0.	2.3025E-03	1.4736E-03
37-Rb- 97	37097.	0.	5.3827E-04	3.4450E-04
37-Rb- 98	37098.	0.	5.3509E-05	3.4246E-05
37-Rb- 99	37099.	0.	9.1067E-07	5.8283E-07
37-Rb-100	37100.	0.	1.5500E-07	9.9199E-08
37-Rb-101	37101.	0.	1.0818E-08	6.9234E-09
37-Rb-102	37102.	0.	1.8584E-11	1.1894E-11

37-Rb-103	37103.	0.	7.5910E-13	4.8583E-13
37-Rb-104	37104.	0.	7.7117E-15	4.9355E-15
38-Sr- 83	38083.	0.	0.0000E+00	0.0000E+00
38-Sr- 84	38084.	0.	4.4700E-12	2.8608E-12
38-Sr- 85-M	38085.	1.	2.1600E-13	1.3824E-13
38-Sr- 85	38085.	0.	4.0456E-13	2.5892E-13
38-Sr- 86	38086.	0.	4.3800E-07	2.8032E-07
38-Sr- 87	38087.	0.	2.5438E-02	2.5438E-04
38-Sr- 87-M	38087.	1.	9.7899E-10	6.2655E-10
38-Sr- 88	38088.	0.	3.4944E-02	2.4461E-04
38-Sr- 89	38089.	0.	4.3737E-02	6.1231E-04
38-Sr- 90	38090.	0.	5.4650E-02	3.8255E-04
38-Sr- 91	38091.	0.	5.7333E-02	1.1466E-03
38-Sr- 92	38092.	0.	5.8431E-02	1.1686E-03
38-Sr- 93	38093.	0.	6.0472E-02	2.4189E-03
38-Sr- 94	38094.	0.	5.6215E-02	1.5740E-03
38-Sr- 95	38095.	0.	5.2393E-02	3.1435E-03
38-Sr- 96	38096.	0.	4.5955E-02	5.0550E-03
38-Sr- 97	38097.	0.	2.4099E-02	5.5427E-03
38-Sr- 98	38098.	0.	1.0482E-02	2.4109E-03
38-Sr- 99	38099.	0.	2.1593E-03	1.3819E-03
38-Sr-100	38100.	0.	3.5589E-04	2.2777E-04
38-Sr-101	38101.	0.	2.5650E-05	1.6416E-05
38-Sr-102	38102.	0.	1.6700E-06	1.0688E-06
38-Sr-103	38103.	0.	5.0486E-08	3.2311E-08
38-Sr-104	38104.	0.	6.9299E-10	4.4352E-10
38-Sr-105	38105.	0.	0.0000E+00	0.0000E+00
38-Sr-106	38106.	0.	0.0000E+00	0.0000E+00
38-Sr-107	38107.	0.	0.0000E+00	0.0000E+00
38-Sr-108	38108.	0.	0.0000E+00	0.0000E+00
39-Y - 85	39085.	0.	0.0000E+00	0.0000E+00
39-Y - 87	39087.	0.	4.0300E-14	2.5792E-14
39-Y - 88	39088.	0.	7.2799E-12	4.6592E-12
39-Y - 89	39089.	0.	4.3737E-02	6.1231E-04
39-Y - 89-M	39089.	1.	4.3700E-06	6.1179E-08
39-Y - 90-M	39090.	1.	2.2950E-08	1.4688E-08
39-Y - 90	39090.	0.	5.4650E-02	3.4976E-02
39-Y - 91-M	39091.	1.	3.3254E-02	2.1282E-02
39-Y - 91	39091.	0.	5.7334E-02	3.6694E-02
39-Y - 92	39092.	0.	5.8460E-02	8.1843E-04
39-Y - 93-M	39093.	1.	2.1957E-02	1.4053E-02
39-Y - 93	39093.	0.	6.2540E-02	4.0025E-02
39-Y - 94	39094.	0.	6.2989E-02	8.8185E-04
39-Y - 95	39095.	0.	6.4172E-02	1.2834E-03
39-Y - 96	39096.	0.	6.0748E-02	2.4299E-03
39-Y - 96-M	39096.	1.	1.3462E-02	3.0964E-03
39-Y - 97-M	39097.	1.	0.0000E+00	0.0000E+00
39-Y - 97	39097.	0.	5.4370E-02	8.6992E-03
39-Y - 98	39098.	0.	2.4335E-02	3.8935E-03
39-Y - 98-M	39098.	1.	1.3854E-02	3.1864E-03
39-Y - 99	39099.	0.	2.4667E-02	5.6734E-03
39-Y -100	39100.	0.	9.0557E-03	4.0750E-03
39-Y -101	39101.	0.	2.8566E-03	1.8282E-03
39-Y -102	39102.	0.	4.5978E-04	2.9426E-04
39-Y -103	39103.	0.	5.5490E-05	3.5513E-05
39-Y -104	39104.	0.	2.3200E-06	1.4848E-06
39-Y -105	39105.	0.	1.8658E-13	1.1941E-13
39-Y -106	39106.	0.	6.8918E-15	4.4108E-15

39-Y -107	39107.	0.	6.0496E-16	3.8717E-16
39-Y -108	39108.	0.	4.6532E-18	2.9781E-18
39-Y -109	39109.	0.	2.1423E-13	1.3711E-13
39-Y -110	39110.	0.	4.8295E-15	3.0909E-15
40-Zr- 87	40087.	0.	0.0000E+00	0.0000E+00
40-Zr- 88	40088.	0.	0.0000E+00	0.0000E+00
40-Zr- 89	40089.	0.	0.0000E+00	0.0000E+00
40-Zr- 90-M	40090.	1.	8.8999E-13	5.6959E-13
40-Zr- 90	40090.	0.	5.4650E-02	3.4976E-02
40-Zr- 91	40091.	0.	5.7334E-02	4.0134E-04
40-Zr- 92	40092.	0.	5.8460E-02	4.0922E-04
40-Zr- 93	40093.	0.	6.2540E-02	4.3778E-04
40-Zr- 94	40094.	0.	6.3002E-02	4.4101E-04
40-Zr- 95	40095.	0.	6.4320E-02	6.4320E-04
40-Zr- 96	40096.	0.	6.2023E-02	4.3416E-04
40-Zr- 97	40097.	0.	6.0002E-02	8.4003E-04
40-Zr- 98	40098.	0.	5.9008E-02	1.1802E-03
40-Zr- 99	40099.	0.	5.7878E-02	9.2606E-03
40-Zr-100	40100.	0.	5.7908E-02	1.3319E-02
40-Zr-101	40101.	0.	3.6970E-02	8.5031E-03
40-Zr-102	40102.	0.	2.2661E-02	5.2121E-03
40-Zr-103	40103.	0.	6.3141E-03	2.8413E-03
40-Zr-104	40104.	0.	1.1666E-03	7.4660E-04
40-Zr-105	40105.	0.	5.4900E-06	3.5136E-06
40-Zr-106	40106.	0.	2.7400E-07	1.7536E-07
40-Zr-107	40107.	0.	1.7800E-08	1.1392E-08
40-Zr-108	40108.	0.	1.8500E-10	1.1840E-10
40-Zr-109	40109.	0.	1.4248E-08	9.1186E-09
40-Zr-110	40110.	0.	4.3400E-10	2.7776E-10
40-Zr-111	40111.	0.	9.5533E-14	6.1141E-14
40-Zr-112	40112.	0.	6.0365E-15	3.8634E-15
41-Nb- 89	41089.	0.	0.0000E+00	0.0000E+00
41-Nb- 90	41090.	0.	0.0000E+00	0.0000E+00
41-Nb- 91	41091.	0.	0.0000E+00	0.0000E+00
41-Nb- 92	41092.	0.	8.3599E-14	5.3504E-14
41-Nb- 93	41093.	0.	6.2540E-02	4.3778E-04
41-Nb- 93-M	41093.	1.	5.9413E-02	4.1589E-04
41-Nb- 94	41094.	0.	9.2099E-10	5.8944E-10
41-Nb- 94-M	41094.	1.	3.4100E-10	2.1824E-10
41-Nb- 95	41095.	0.	6.4320E-02	4.5024E-04
41-Nb- 95-M	41095.	1.	6.4320E-04	6.4320E-06
41-Nb- 96	41096.	0.	1.2000E-06	7.6799E-07
41-Nb- 97	41097.	0.	6.0029E-02	4.2020E-04
41-Nb- 97-M	41097.	1.	5.6407E-02	5.6407E-04
41-Nb- 98	41098.	0.	5.9186E-02	5.9186E-04
41-Nb- 98-M	41098.	1.	5.0240E-05	3.2153E-05
41-Nb- 99	41099.	0.	4.0639E-02	4.4702E-03
41-Nb- 99-M	41099.	1.	1.8786E-02	3.0057E-03
41-Nb-100	41100.	0.	3.1438E-02	7.2307E-03
41-Nb-100-M	41100.	1.	3.1438E-02	7.2307E-03
41-Nb-101	41101.	0.	5.0549E-02	4.0439E-03
41-Nb-102-M	41102.	1.	8.6319E-03	5.5244E-03
41-Nb-102	41102.	0.	3.1293E-02	2.0028E-02
41-Nb-103	41103.	0.	2.4373E-02	5.6058E-03
41-Nb-104-M	41104.	1.	3.5710E-03	2.2854E-03
41-Nb-104	41104.	0.	4.7355E-03	3.0307E-03
41-Nb-105	41105.	0.	2.7789E-03	1.7785E-03
41-Nb-106	41106.	0.	4.3503E-04	2.7842E-04

41-Nb-107	41107.	0.	1.0186E-04	6.5190E-05
41-Nb-108	41108.	0.	8.1899E-06	5.2415E-06
41-Nb-109	41109.	0.	1.5660E-05	1.0022E-05
41-Nb-110	41110.	0.	5.5499E-07	3.5520E-07
41-Nb-111	41111.	0.	2.9438E-09	1.8840E-09
41-Nb-112	41112.	0.	1.3767E-10	8.8106E-11
41-Nb-113	41113.	0.	6.6348E-14	4.2463E-14
41-Nb-114	41114.	0.	5.0966E-15	3.2618E-15
41-Nb-115	41115.	0.	2.0180E-15	1.2916E-15
42-Mo- 90	42090.	0.	0.0000E+00	0.0000E+00
42-Mo- 91	42091.	0.	0.0000E+00	0.0000E+00
42-Mo- 92	42092.	0.	0.0000E+00	0.0000E+00
42-Mo- 93-M	42093.	1.	0.0000E+00	0.0000E+00
42-Mo- 93	42093.	0.	0.0000E+00	0.0000E+00
42-Mo- 94	42094.	0.	9.2199E-10	5.9007E-10
42-Mo- 95	42095.	0.	6.4320E-02	3.2160E-04
42-Mo- 96	42096.	0.	1.2000E-06	7.6799E-07
42-Mo- 97	42097.	0.	6.0029E-02	3.0014E-04
42-Mo- 98	42098.	0.	5.9237E-02	2.9618E-04
42-Mo- 99	42099.	0.	5.9431E-02	8.3204E-04
42-Mo-100	42100.	0.	6.2983E-02	6.2983E-04
42-Mo-101	42101.	0.	5.1242E-02	2.0497E-03
42-Mo-102	42102.	0.	4.3581E-02	1.7432E-03
42-Mo-103	42103.	0.	3.2345E-02	1.9407E-03
42-Mo-104	42104.	0.	2.0406E-02	1.2244E-03
42-Mo-105	42105.	0.	1.1888E-02	1.9021E-03
42-Mo-106	42106.	0.	5.2211E-03	3.1326E-04
42-Mo-107	42107.	0.	2.7664E-03	1.7705E-03
42-Mo-108	42108.	0.	1.0827E-03	6.9292E-04
42-Mo-109	42109.	0.	4.3493E-04	2.7835E-04
42-Mo-110	42110.	0.	1.1217E-04	7.1788E-05
42-Mo-111	42111.	0.	6.9799E-06	4.4672E-06
42-Mo-112	42112.	0.	4.4100E-07	2.8224E-07
42-Mo-113	42113.	0.	4.4126E-09	2.8241E-09
42-Mo-114	42114.	0.	4.5800E-10	2.9312E-10
42-Mo-115	42115.	0.	1.3421E-10	8.5897E-11
42-Mo-116	42116.	0.	5.8499E-14	3.7440E-14
42-Mo-117	42117.	0.	2.0804E-15	1.3314E-15
43-Tc- 93	43093.	0.	0.0000E+00	0.0000E+00
43-Tc- 95	43095.	0.	0.0000E+00	0.0000E+00
43-Tc- 95-M	43095.	1.	0.0000E+00	0.0000E+00
43-Tc- 97-M	43097.	1.	3.0400E-14	1.9456E-14
43-Tc- 97	43097.	0.	6.0800E-14	3.8912E-14
43-Tc- 98	43098.	0.	7.1399E-12	4.5696E-12
43-Tc- 99	43099.	0.	5.9431E-02	5.9431E-04
43-Tc- 99-M	43099.	1.	5.2300E-02	7.3219E-04
43-Tc-100	43100.	0.	2.3700E-08	1.5168E-08
43-Tc-101	43101.	0.	5.1243E-02	1.4348E-03
43-Tc-102	43102.	0.	2.1842E-03	4.3683E-05
43-Tc-102-M	43102.	1.	4.3586E-02	8.7171E-04
43-Tc-103	43103.	0.	3.2439E-02	9.0829E-04
43-Tc-104	43104.	0.	2.0722E-02	4.1444E-04
43-Tc-105	43105.	0.	1.1963E-02	1.3159E-03
43-Tc-106	43106.	0.	5.3239E-03	1.0648E-04
43-Tc-107	43107.	0.	3.0232E-03	1.3604E-03
43-Tc-108	43108.	0.	1.3070E-03	5.8814E-04
43-Tc-109	43109.	0.	7.7344E-04	4.9500E-04
43-Tc-110	43110.	0.	4.1671E-04	2.6669E-04

43-Tc-111	43111.	0.	1.2653E-04	8.0978E-05
43-Tc-112	43112.	0.	2.5150E-05	1.6096E-05
43-Tc-113	43113.	0.	4.8500E-06	3.1040E-06
43-Tc-114	43114.	0.	4.5100E-07	2.8864E-07
43-Tc-115	43115.	0.	1.4752E-07	9.4410E-08
43-Tc-116	43116.	0.	9.1499E-10	5.8560E-10
43-Tc-117	43117.	0.	6.4105E-11	4.1027E-11
43-Tc-118	43118.	0.	7.6672E-14	4.9070E-14
43-Tc-119	43119.	0.	2.0449E-15	1.3087E-15
44-Ru- 95	44095.	0.	0.0000E+00	0.0000E+00
44-Ru- 96	44096.	0.	0.0000E+00	0.0000E+00
44-Ru- 97	44097.	0.	0.0000E+00	0.0000E+00
44-Ru- 98	44098.	0.	7.1399E-12	4.5696E-12
44-Ru- 99	44099.	0.	5.9431E-02	5.9431E-04
44-Ru-100	44100.	0.	2.3700E-08	1.5168E-08
44-Ru-101	44101.	0.	5.1243E-02	7.1739E-04
44-Ru-102	44102.	0.	4.3590E-02	4.3590E-04
44-Ru-103	44103.	0.	3.2439E-02	4.5415E-04
44-Ru-104	44104.	0.	2.0724E-02	2.0724E-04
44-Ru-105	44105.	0.	1.1963E-02	7.1779E-04
44-Ru-106	44106.	0.	5.3239E-03	5.3239E-05
44-Ru-107	44107.	0.	3.0233E-03	9.6744E-04
44-Ru-108	44108.	0.	1.3082E-03	5.8867E-04
44-Ru-109-M	44109.	1.	2.0000E-05	1.2800E-05
44-Ru-109	44109.	0.	7.9534E-04	5.0902E-04
44-Ru-110	44110.	0.	6.4648E-04	2.9092E-04
44-Ru-111	44111.	0.	4.0483E-04	2.5909E-04
44-Ru-112	44112.	0.	3.1364E-04	1.4114E-04
44-Ru-113	44113.	0.	1.5939E-04	1.0201E-04
44-Ru-114	44114.	0.	7.1189E-05	4.5561E-05
44-Ru-115	44115.	0.	1.4540E-05	9.3055E-06
44-Ru-116	44116.	0.	2.0300E-06	1.2992E-06
44-Ru-117	44117.	0.	1.5200E-07	9.7279E-08
44-Ru-118	44118.	0.	6.8899E-09	4.4096E-09
44-Ru-119	44119.	0.	1.3600E-10	8.7039E-11
44-Ru-120	44120.	0.	1.8300E-12	1.1712E-12
44-Ru-121	44121.	0.	1.3890E-14	8.8893E-15
44-Ru-122	44122.	0.	0.0000E+00	0.0000E+00
44-Ru-124	44124.	0.	0.0000E+00	0.0000E+00
45-Rh- 99	45099.	0.	0.0000E+00	0.0000E+00
45-Rh-101	45101.	0.	0.0000E+00	0.0000E+00
45-Rh-101-M	45101.	1.	0.0000E+00	0.0000E+00
45-Rh-102	45102.	0.	0.0000E+00	0.0000E+00
45-Rh-102-M	45102.	1.	0.0000E+00	0.0000E+00
45-Rh-103	45103.	0.	3.2439E-02	4.5415E-04
45-Rh-103-M	45103.	1.	3.2115E-02	4.4960E-04
45-Rh-104	45104.	0.	7.3399E-11	4.6976E-11
45-Rh-104-M	45104.	1.	5.7399E-11	3.6736E-11
45-Rh-105	45105.	0.	1.1963E-02	3.3497E-04
45-Rh-105-M	45105.	1.	3.2300E-03	1.9380E-04
45-Rh-106	45106.	0.	5.3239E-03	5.3239E-05
45-Rh-106-M	45106.	1.	0.0000E+00	0.0000E+00
45-Rh-107	45107.	0.	3.0233E-03	6.9535E-04
45-Rh-108	45108.	0.	1.3082E-03	4.1861E-04
45-Rh-108-M	45108.	1.	6.8099E-14	4.3584E-14
45-Rh-109	45109.	0.	8.1545E-04	5.2189E-04
45-Rh-109-M	45109.	1.	3.9772E-04	2.5454E-04
45-Rh-110	45110.	0.	6.4781E-04	2.0730E-04

45-Rh-110-M	45110.	1.	1.3300E-06	8.5119E-07
45-Rh-111	45111.	0.	4.2560E-04	1.9152E-04
45-Rh-112	45112.	0.	3.7413E-04	2.9930E-05
45-Rh-113	45113.	0.	3.0562E-04	1.3753E-04
45-Rh-114	45114.	0.	2.2641E-04	1.4490E-04
45-Rh-115	45115.	0.	1.4965E-04	9.5775E-05
45-Rh-116	45116.	0.	5.0120E-05	3.2076E-05
45-Rh-117	45117.	0.	1.8610E-05	1.1910E-05
45-Rh-118	45118.	0.	2.4600E-06	1.5744E-06
45-Rh-119	45119.	0.	2.6800E-07	1.7152E-07
45-Rh-120	45120.	0.	1.0800E-08	6.9119E-09
45-Rh-121	45121.	0.	4.2800E-10	2.7392E-10
45-Rh-122	45122.	0.	8.1199E-12	5.1968E-12
45-Rh-123	45123.	0.	1.3700E-13	8.7679E-14
45-Rh-124	45124.	0.	0.0000E+00	0.0000E+00
46-Pd- 99	46099.	0.	0.0000E+00	0.0000E+00
46-Pd-101	46101.	0.	0.0000E+00	0.0000E+00
46-Pd-102	46102.	0.	0.0000E+00	0.0000E+00
46-Pd-103	46103.	0.	0.0000E+00	0.0000E+00
46-Pd-104	46104.	0.	7.3199E-11	3.2940E-11
46-Pd-105	46105.	0.	1.1963E-02	3.3497E-04
46-Pd-106	46106.	0.	5.3239E-03	5.3239E-05
46-Pd-107	46107.	0.	3.0233E-03	3.3256E-04
46-Pd-107-M	46107.	1.	0.0000E+00	0.0000E+00
46-Pd-108	46108.	0.	1.3082E-03	2.0930E-04
46-Pd-109	46109.	0.	8.1545E-04	5.2189E-04
46-Pd-109-M	46109.	1.	1.5600E-11	9.9839E-12
46-Pd-110	46110.	0.	6.4914E-04	1.0386E-04
46-Pd-111	46111.	0.	4.2521E-04	9.7797E-05
46-Pd-111-M	46111.	1.	1.9500E-06	8.7749E-07
46-Pd-112	46112.	0.	3.7712E-04	1.5085E-05
46-Pd-113	46113.	0.	3.2608E-04	7.4998E-05
46-Pd-114	46114.	0.	3.2208E-04	3.5429E-05
46-Pd-115	46115.	0.	3.3130E-04	1.4908E-04
46-Pd-116	46116.	0.	3.1348E-04	2.0062E-04
46-Pd-117	46117.	0.	2.6058E-04	1.6677E-04
46-Pd-118	46118.	0.	1.5324E-04	9.8073E-05
46-Pd-119	46119.	0.	4.5460E-05	2.9094E-05
46-Pd-120	46120.	0.	9.3699E-06	5.9968E-06
46-Pd-121	46121.	0.	1.0400E-06	6.6559E-07
46-Pd-122	46122.	0.	9.9999E-08	6.3999E-08
46-Pd-123	46123.	0.	4.7900E-09	3.0656E-09
46-Pd-124	46124.	0.	2.3400E-10	1.4976E-10
46-Pd-125	46125.	0.	0.0000E+00	0.0000E+00
46-Pd-126	46126.	0.	0.0000E+00	0.0000E+00
46-Pd-127	46127.	0.	0.0000E+00	0.0000E+00
46-Pd-128	46128.	0.	0.0000E+00	0.0000E+00
46-Pd-129	46129.	0.	0.0000E+00	0.0000E+00
46-Pd-130	46130.	0.	2.5600E-14	1.6384E-14
47-Ag-103	47103.	0.	0.0000E+00	0.0000E+00
47-Ag-105	47105.	0.	0.0000E+00	0.0000E+00
47-Ag-105-M	47105.	1.	0.0000E+00	0.0000E+00
47-Ag-106	47106.	0.	0.0000E+00	0.0000E+00
47-Ag-106-M	47106.	1.	0.0000E+00	0.0000E+00
47-Ag-107	47107.	0.	3.0233E-03	3.3256E-04
47-Ag-107-M	47107.	1.	0.0000E+00	0.0000E+00
47-Ag-108-M	47108.	1.	0.0000E+00	0.0000E+00
47-Ag-108	47108.	0.	0.0000E+00	0.0000E+00

47-Ag-109-M	47109.	1.	8.1506E-04	5.2164E-04
47-Ag-109	47109.	0.	8.1545E-04	5.2189E-04
47-Ag-110	47110.	0.	2.4900E-14	1.5936E-14
47-Ag-110-M	47110.	1.	6.4799E-14	4.1472E-14
47-Ag-111	47111.	0.	4.2450E-04	1.1886E-05
47-Ag-111-M	47111.	1.	4.2265E-04	3.3812E-05
47-Ag-112	47112.	0.	3.7712E-04	1.0559E-05
47-Ag-113	47113.	0.	2.9348E-04	3.2282E-05
47-Ag-113-M	47113.	1.	3.2670E-05	1.4701E-05
47-Ag-114	47114.	0.	3.2294E-04	1.9376E-05
47-Ag-115	47115.	0.	2.4557E-04	7.8582E-05
47-Ag-115-M	47115.	1.	9.3169E-05	5.9628E-05
47-Ag-116	47116.	0.	1.6975E-04	1.0864E-04
47-Ag-116-M	47116.	1.	1.6975E-04	1.0864E-04
47-Ag-117	47117.	0.	1.8119E-04	1.1596E-04
47-Ag-117-M	47117.	1.	1.8119E-04	1.1596E-04
47-Ag-118	47118.	0.	2.1747E-04	9.7861E-05
47-Ag-118-M	47118.	1.	1.4895E-04	9.5327E-05
47-Ag-119	47119.	0.	2.3140E-04	1.4810E-04
47-Ag-120-M	47120.	1.	4.6875E-05	3.0000E-05
47-Ag-120	47120.	0.	7.3588E-05	4.7096E-05
47-Ag-121	47121.	0.	4.9050E-05	3.1392E-05
47-Ag-122-M	47122.	1.	5.9849E-06	3.8304E-06
47-Ag-122	47122.	0.	6.0850E-06	3.8944E-06
47-Ag-123	47123.	0.	2.8100E-06	1.7984E-06
47-Ag-124	47124.	0.	3.6600E-07	2.3424E-07
47-Ag-125	47125.	0.	2.3500E-11	1.5040E-11
47-Ag-126	47126.	0.	1.8500E-12	1.1840E-12
47-Ag-127	47127.	0.	3.9000E-13	2.4960E-13
47-Ag-128	47128.	0.	1.5200E-14	9.7279E-15
47-Ag-129	47129.	0.	1.2779E-15	8.1784E-16
47-Ag-130	47130.	0.	1.4500E-09	9.2799E-10
47-Ag-131	47131.	0.	1.4705E-11	9.4113E-12
47-Ag-132	47132.	0.	1.7916E-13	1.1466E-13
48-Cd-105	48105.	0.	0.0000E+00	0.0000E+00
48-Cd-106	48106.	0.	0.0000E+00	0.0000E+00
48-Cd-107	48107.	0.	0.0000E+00	0.0000E+00
48-Cd-108	48108.	0.	0.0000E+00	0.0000E+00
48-Cd-109	48109.	0.	0.0000E+00	0.0000E+00
48-Cd-110	48110.	0.	8.8699E-14	5.6768E-14
48-Cd-111	48111.	0.	4.2577E-04	8.5153E-06
48-Cd-111-M	48111.	1.	0.0000E+00	0.0000E+00
48-Cd-112	48112.	0.	3.7712E-04	7.5423E-06
48-Cd-113	48113.	0.	3.2233E-04	9.0252E-06
48-Cd-113-M	48113.	1.	3.8200E-06	1.2224E-06
48-Cd-114	48114.	0.	3.2294E-04	9.0422E-06
48-Cd-115	48115.	0.	3.1077E-04	8.7015E-06
48-Cd-115-M	48115.	1.	2.8010E-05	6.4422E-06
48-Cd-116	48116.	0.	3.4004E-04	6.8007E-06
48-Cd-117	48117.	0.	2.7300E-04	1.2285E-04
48-Cd-117-M	48117.	1.	9.5179E-05	4.2831E-05
48-Cd-118	48118.	0.	3.3619E-04	7.7323E-05
48-Cd-119	48119.	0.	1.7408E-04	7.8335E-05
48-Cd-119-M	48119.	1.	1.7408E-04	1.1141E-04
48-Cd-120	48120.	0.	3.4229E-04	2.1906E-04
48-Cd-121-M	48121.	1.	1.3416E-04	8.5865E-05
48-Cd-121	48121.	0.	1.8323E-04	1.1727E-04
48-Cd-122	48122.	0.	2.8550E-04	1.8272E-04

48-Cd-123	48123.	0.	1.5524E-04	9.9353E-05
48-Cd-124	48124.	0.	8.9069E-05	5.7004E-05
48-Cd-125	48125.	0.	5.2199E-06	3.3408E-06
48-Cd-126	48126.	0.	1.9200E-06	1.2288E-06
48-Cd-127	48127.	0.	1.0600E-06	6.7839E-07
48-Cd-128	48128.	0.	2.3000E-07	1.4720E-07
48-Cd-129	48129.	0.	3.7600E-08	2.4064E-08
48-Cd-130	48130.	0.	1.1200E-05	7.1679E-06
48-Cd-131	48131.	0.	9.7799E-07	6.2591E-07
48-Cd-132	48132.	0.	1.6100E-08	1.0304E-08
48-Cd-133	48133.	0.	8.7621E-11	5.6078E-11
48-Cd-134	48134.	0.	3.0200E-12	1.9328E-12
48-Cd-135	48135.	0.	2.2227E-13	1.4225E-13
48-Cd-136	48136.	0.	0.0000E+00	0.0000E+00
49-In-107	49107.	0.	0.0000E+00	0.0000E+00
49-In-109	49109.	0.	0.0000E+00	0.0000E+00
49-In-111	49111.	0.	0.0000E+00	0.0000E+00
49-In-112	49112.	0.	0.0000E+00	0.0000E+00
49-In-112-M	49112.	1.	0.0000E+00	0.0000E+00
49-In-113	49113.	0.	3.2614E-04	9.1318E-06
49-In-113-M	49113.	1.	0.0000E+00	0.0000E+00
49-In-114	49114.	0.	1.6400E-14	1.0496E-14
49-In-114-M	49114.	1.	1.3100E-14	8.3839E-15
49-In-115	49115.	0.	3.2728E-04	1.3091E-05
49-In-115-M	49115.	1.	3.1077E-04	8.7015E-06
49-In-116-N	49116.	2.	3.8800E-11	2.4832E-11
49-In-116	49116.	0.	3.8800E-11	2.4832E-11
49-In-116-M	49116.	1.	7.7599E-11	4.9664E-11
49-In-117	49117.	0.	2.3457E-04	7.5062E-05
49-In-117-M	49117.	1.	2.5212E-04	1.1345E-04
49-In-118-N	49118.	2.	1.4450E-08	9.2479E-09
49-In-118	49118.	0.	3.3629E-04	5.3806E-05
49-In-118-M	49118.	1.	2.8683E-08	1.8357E-08
49-In-119	49119.	0.	1.8449E-04	8.3020E-05
49-In-119-M	49119.	1.	1.7443E-04	7.8493E-05
49-In-120-N	49120.	2.	0.0000E+00	0.0000E+00
49-In-120	49120.	0.	1.7641E-04	1.1290E-04
49-In-120-M	49120.	1.	1.7641E-04	1.1290E-04
49-In-121	49121.	0.	1.7762E-04	1.1368E-04
49-In-121-M	49121.	1.	1.9166E-04	1.2267E-04
49-In-122-N	49122.	2.	0.0000E+00	0.0000E+00
49-In-122	49122.	0.	3.3937E-04	1.0860E-04
49-In-122-M	49122.	1.	5.3879E-05	3.4483E-05
49-In-123	49123.	0.	3.1171E-04	1.9949E-04
49-In-123-M	49123.	1.	7.5069E-05	4.8044E-05
49-In-124-M	49124.	1.	1.4271E-04	9.1337E-05
49-In-124	49124.	0.	2.3178E-04	1.4834E-04
49-In-125	49125.	0.	1.8717E-04	1.1979E-04
49-In-125-M	49125.	1.	1.8508E-04	1.1845E-04
49-In-126-M	49126.	1.	1.4726E-04	9.4246E-05
49-In-126	49126.	0.	1.4534E-04	9.3017E-05
49-In-127	49127.	0.	3.3094E-04	2.1180E-04
49-In-127-M	49127.	1.	3.3094E-04	2.1180E-04
49-In-128-M	49128.	1.	1.9665E-04	1.2586E-04
49-In-128	49128.	0.	1.9688E-04	1.2601E-04
49-In-129	49129.	0.	1.6651E-04	1.0656E-04
49-In-129-M	49129.	1.	1.6647E-04	1.0654E-04
49-In-130-N	49130.	2.	0.0000E+00	0.0000E+00

49-In-130-M	49130.	1.	0.0000E+00	0.0000E+00
49-In-130	49130.	0.	8.7030E-04	5.5699E-04
49-In-131-M	49131.	1.	0.0000E+00	0.0000E+00
49-In-131	49131.	0.	3.7635E-04	2.4086E-04
49-In-132	49132.	0.	1.8090E-05	1.1578E-05
49-In-133	49133.	0.	2.7000E-06	1.7280E-06
49-In-134	49134.	0.	5.9700E-08	3.8208E-08
49-In-135	49135.	0.	6.8491E-09	4.3835E-09
49-In-136	49136.	0.	6.8699E-12	4.3968E-12
49-In-137	49137.	0.	5.6234E-14	3.5990E-14
50-Sn-111	50111.	0.	0.0000E+00	0.0000E+00
50-Sn-112	50112.	0.	0.0000E+00	0.0000E+00
50-Sn-113-M	50113.	1.	0.0000E+00	0.0000E+00
50-Sn-113	50113.	0.	0.0000E+00	0.0000E+00
50-Sn-114	50114.	0.	1.6100E-14	1.0304E-14
50-Sn-115	50115.	0.	3.3878E-04	9.4858E-06
50-Sn-116	50116.	0.	1.1600E-10	5.2200E-11
50-Sn-117-M	50117.	1.	7.5062E-07	4.8039E-07
50-Sn-117	50117.	0.	3.6819E-04	2.3564E-04
50-Sn-118	50118.	0.	3.3632E-04	2.6905E-05
50-Sn-119	50119.	0.	3.5020E-04	2.8016E-05
50-Sn-119-M	50119.	1.	9.2299E-06	4.1535E-06
50-Sn-120	50120.	0.	3.5292E-04	2.8233E-05
50-Sn-121	50121.	0.	3.6342E-04	2.3259E-04
50-Sn-121-M	50121.	1.	2.0895E-05	1.3373E-05
50-Sn-122	50122.	0.	4.0408E-04	4.4448E-05
50-Sn-123	50123.	0.	3.9630E-05	2.5363E-05
50-Sn-123-M	50123.	1.	4.0070E-04	9.2160E-05
50-Sn-124	50124.	0.	6.2981E-04	6.9280E-05
50-Sn-125	50125.	0.	4.1380E-04	1.8621E-04
50-Sn-125-M	50125.	1.	2.6612E-04	1.1975E-04
50-Sn-126	50126.	0.	9.7355E-04	1.5577E-04
50-Sn-127	50127.	0.	2.2568E-03	7.2217E-04
50-Sn-127-M	50127.	1.	7.8101E-04	4.9985E-04
50-Sn-128-M	50128.	1.	2.2716E-03	1.4538E-03
50-Sn-128	50128.	0.	4.9413E-03	3.1624E-03
50-Sn-129	50129.	0.	5.8240E-03	1.8637E-03
50-Sn-129-M	50129.	1.	1.9195E-03	1.2285E-03
50-Sn-130-M	50130.	1.	6.8656E-03	4.3940E-03
50-Sn-130	50130.	0.	7.2290E-03	4.6266E-03
50-Sn-131-M	50131.	1.	6.9513E-03	4.4488E-03
50-Sn-131	50131.	0.	7.2847E-03	4.6622E-03
50-Sn-132	50132.	0.	3.2308E-03	3.5539E-04
50-Sn-133	50133.	0.	1.3835E-03	8.8543E-04
50-Sn-134	50134.	0.	1.6648E-04	1.0655E-04
50-Sn-135	50135.	0.	1.6240E-05	1.0393E-05
50-Sn-136	50136.	0.	3.2400E-07	2.0736E-07
50-Sn-137	50137.	0.	3.7400E-09	2.3936E-09
50-Sn-138	50138.	0.	1.7500E-10	1.1200E-10
50-Sn-139	50139.	0.	1.2656E-12	8.1001E-13
50-Sn-140	50140.	0.	1.2374E-13	7.9194E-14
51-Sb-113	51113.	0.	0.0000E+00	0.0000E+00
51-Sb-115	51115.	0.	0.0000E+00	0.0000E+00
51-Sb-117	51117.	0.	0.0000E+00	0.0000E+00
51-Sb-118	51118.	0.	0.0000E+00	0.0000E+00
51-Sb-118-M	51118.	1.	0.0000E+00	0.0000E+00
51-Sb-119	51119.	0.	8.8599E-14	5.6703E-14
51-Sb-120	51120.	0.	2.6800E-12	1.7152E-12

51-Sb-120-M	51120.	1.	4.5600E-12	2.9184E-12
51-Sb-121	51121.	0.	3.6811E-04	2.9448E-05
51-Sb-122	51122.	0.	1.2600E-08	8.0639E-09
51-Sb-122-M	51122.	1.	7.1899E-09	4.6016E-09
51-Sb-123	51123.	0.	4.4063E-04	4.8469E-05
51-Sb-124-N	51124.	2.	0.0000E+00	0.0000E+00
51-Sb-124	51124.	0.	3.5000E-06	2.2400E-06
51-Sb-124-M	51124.	1.	1.7500E-06	1.1200E-06
51-Sb-125	51125.	0.	6.8029E-04	5.4424E-05
51-Sb-126-N	51126.	2.	6.5282E-04	4.1781E-04
51-Sb-126	51126.	0.	1.3724E-04	1.5096E-05
51-Sb-126-M	51126.	1.	9.7464E-04	1.0721E-04
51-Sb-127	51127.	0.	3.0625E-03	8.5751E-05
51-Sb-128	51128.	0.	2.2359E-04	1.4310E-04
51-Sb-128-M	51128.	1.	5.0014E-03	3.2009E-03
51-Sb-129	51129.	0.	8.3515E-03	1.3362E-03
51-Sb-130	51130.	0.	8.3825E-03	5.3648E-03
51-Sb-130-M	51130.	1.	9.3233E-03	5.9669E-03
51-Sb-131	51131.	0.	2.9192E-02	1.7515E-03
51-Sb-132	51132.	0.	1.8814E-02	6.0203E-03
51-Sb-132-M	51132.	1.	1.7047E-02	5.4550E-03
51-Sb-133	51133.	0.	1.6647E-02	9.9883E-04
51-Sb-134-M	51134.	1.	2.4423E-03	1.5630E-03
51-Sb-134	51134.	0.	2.5783E-03	1.6501E-03
51-Sb-135	51135.	0.	2.4750E-03	1.5840E-03
51-Sb-136	51136.	0.	1.4046E-04	8.9894E-05
51-Sb-137	51137.	0.	8.4099E-06	5.3824E-06
51-Sb-138	51138.	0.	1.1400E-06	7.2959E-07
51-Sb-139	51139.	0.	3.9000E-08	2.4960E-08
51-Sb-140	51140.	0.	2.8220E-09	1.8061E-09
51-Sb-141	51141.	0.	2.3056E-12	1.4756E-12
51-Sb-142	51142.	0.	1.5579E-13	9.9706E-14
52-Te-115	52115.	0.	0.0000E+00	0.0000E+00
52-Te-117	52117.	0.	0.0000E+00	0.0000E+00
52-Te-118	52118.	0.	0.0000E+00	0.0000E+00
52-Te-119	52119.	0.	0.0000E+00	0.0000E+00
52-Te-120	52120.	0.	0.0000E+00	0.0000E+00
52-Te-121-M	52121.	1.	7.8499E-15	5.0240E-15
52-Te-121	52121.	0.	1.4805E-14	9.4752E-15
52-Te-122	52122.	0.	1.2200E-08	7.8079E-09
52-Te-123	52123.	0.	1.4300E-10	9.1519E-11
52-Te-123-M	52123.	1.	1.1300E-10	7.2319E-11
52-Te-124	52124.	0.	3.5000E-06	2.2400E-06
52-Te-125	52125.	0.	6.8029E-04	4.0818E-05
52-Te-125-M	52125.	1.	1.5307E-04	1.2246E-05
52-Te-126	52126.	0.	9.7544E-04	7.8035E-05
52-Te-127	52127.	0.	3.0508E-03	8.5421E-05
52-Te-127-M	52127.	1.	4.9001E-04	1.3720E-05
52-Te-128	52128.	0.	5.0450E-03	4.0360E-04
52-Te-129	52129.	0.	7.8470E-03	6.2776E-04
52-Te-129-M	52129.	1.	1.3865E-03	4.4367E-04
52-Te-130	52130.	0.	1.7946E-02	7.1784E-04
52-Te-131	52131.	0.	2.8673E-02	1.7204E-03
52-Te-131-M	52131.	1.	4.2818E-03	1.9268E-03
52-Te-132	52132.	0.	4.6608E-02	9.3215E-04
52-Te-133	52133.	0.	3.9414E-02	9.0653E-03
52-Te-133-M	52133.	1.	2.7503E-02	2.2002E-03
52-Te-134	52134.	0.	6.5651E-02	1.8382E-03

52-Te-135	52135.	0.	2.6809E-02	6.1661E-03
52-Te-136	52136.	0.	1.0300E-02	4.1199E-04
52-Te-137	52137.	0.	1.6150E-03	1.0336E-03
52-Te-138	52138.	0.	1.0887E-03	6.9678E-04
52-Te-139	52139.	0.	9.7969E-05	6.2700E-05
52-Te-140	52140.	0.	9.0399E-06	5.7856E-06
52-Te-141	52141.	0.	1.5334E-07	9.8138E-08
52-Te-142	52142.	0.	1.4000E-08	8.9599E-09
52-Te-143	52143.	0.	8.7073E-12	5.5727E-12
52-Te-145	52145.	0.	1.1647E-13	7.4543E-14
53-I -121	53121.	0.	0.0000E+00	0.0000E+00
53-I -123	53123.	0.	0.0000E+00	0.0000E+00
53-I -125	53125.	0.	0.0000E+00	0.0000E+00
53-I -126	53126.	0.	0.0000E+00	0.0000E+00
53-I -127	53127.	0.	3.0625E-03	6.1251E-05
53-I -128	53128.	0.	0.0000E+00	0.0000E+00
53-I -129	53129.	0.	8.3516E-03	3.3407E-04
53-I -130	53130.	0.	1.7100E-07	1.0944E-07
53-I -130-M	53130.	1.	4.8000E-08	3.0720E-08
53-I -131	53131.	0.	3.2195E-02	4.5073E-04
53-I -132-M	53132.	1.	5.1215E-05	3.2777E-05
53-I -132	53132.	0.	4.6703E-02	2.9890E-02
53-I -133-M	53133.	1.	1.9188E-03	1.2281E-03
53-I -133	53133.	0.	6.7179E-02	4.2995E-02
53-I -134	53134.	0.	7.6412E-02	7.6412E-04
53-I -134-M	53134.	1.	3.3806E-03	2.1636E-03
53-I -135	53135.	0.	6.2959E-02	2.5184E-03
53-I -136	53136.	0.	2.8712E-02	4.5939E-03
53-I -136-M	53136.	1.	1.4531E-02	2.3250E-03
53-I -137	53137.	0.	2.5661E-02	1.5397E-03
53-I -138	53138.	0.	1.3530E-02	5.4119E-04
53-I -139	53139.	0.	4.6949E-03	3.7559E-04
53-I -140	53140.	0.	1.1229E-03	7.1867E-04
53-I -141	53141.	0.	1.6854E-04	1.0787E-04
53-I -142	53142.	0.	2.2650E-05	1.4496E-05
53-I -143	53143.	0.	2.6831E-07	1.7172E-07
53-I -144	53144.	0.	0.0000E+00	0.0000E+00
53-I -145	53145.	0.	3.5890E-09	2.2970E-09
53-I -146	53146.	0.	3.7835E-12	2.4214E-12
53-I -147	53147.	0.	3.3691E-13	2.1562E-13
54-Xe-124	54124.	0.	0.0000E+00	0.0000E+00
54-Xe-125-M	54125.	1.	0.0000E+00	0.0000E+00
54-Xe-125	54125.	0.	0.0000E+00	0.0000E+00
54-Xe-126	54126.	0.	0.0000E+00	0.0000E+00
54-Xe-127-M	54127.	1.	0.0000E+00	0.0000E+00
54-Xe-127	54127.	0.	0.0000E+00	0.0000E+00
54-Xe-128	54128.	0.	0.0000E+00	0.0000E+00
54-Xe-129-M	54129.	1.	0.0000E+00	0.0000E+00
54-Xe-129	54129.	0.	8.3516E-03	5.3450E-03
54-Xe-130	54130.	0.	1.7800E-07	1.1392E-07
54-Xe-131	54131.	0.	3.2195E-02	2.2537E-04
54-Xe-131-M	54131.	1.	4.5074E-04	9.0147E-06
54-Xe-132	54132.	0.	4.6710E-02	2.3355E-04
54-Xe-133	54133.	0.	6.7236E-02	4.3031E-02
54-Xe-133-M	54133.	1.	1.9771E-03	1.2653E-03
54-Xe-134	54134.	0.	7.6667E-02	3.8333E-04
54-Xe-134-M	54134.	1.	2.0444E-04	1.3084E-04
54-Xe-135	54135.	0.	6.6011E-02	6.6011E-04

54-Xe-135-M	54135.	1.	1.1111E-02	2.5555E-03
54-Xe-136	54136.	0.	6.2153E-02	3.1077E-04
54-Xe-137	54137.	0.	5.9931E-02	8.3903E-04
54-Xe-138	54138.	0.	6.0093E-02	8.4131E-04
54-Xe-139	54139.	0.	4.2266E-02	1.1834E-03
54-Xe-140	54140.	0.	2.6929E-02	7.5402E-04
54-Xe-141	54141.	0.	8.9353E-03	5.3612E-04
54-Xe-142	54142.	0.	5.6868E-03	2.5591E-03
54-Xe-143-M	54143.	1.	3.1796E-04	2.0349E-04
54-Xe-143	54143.	0.	3.1823E-04	2.0366E-04
54-Xe-144	54144.	0.	0.0000E+00	0.0000E+00
54-Xe-145	54145.	0.	8.5099E-06	5.4463E-06
54-Xe-146	54146.	0.	3.4000E-07	2.1760E-07
54-Xe-147	54147.	0.	2.2407E-08	1.4340E-08
54-Xe-148	54148.	0.	6.2099E-11	3.9744E-11
54-Xe-149	54149.	0.	3.5093E-13	2.2459E-13
54-Xe-150	54150.	0.	0.0000E+00	0.0000E+00
55-Cs-127	55127.	0.	0.0000E+00	0.0000E+00
55-Cs-129	55129.	0.	0.0000E+00	0.0000E+00
55-Cs-131	55131.	0.	1.6300E-14	1.0432E-14
55-Cs-132	55132.	0.	2.6200E-12	1.6768E-12
55-Cs-133	55133.	0.	6.7236E-02	3.3618E-04
55-Cs-134-M	55134.	1.	2.5200E-08	1.6128E-08
55-Cs-134	55134.	0.	5.0400E-08	3.2256E-08
55-Cs-135-M	55135.	1.	1.0300E-06	6.5919E-07
55-Cs-135	55135.	0.	6.6013E-02	4.2248E-02
55-Cs-136-M	55136.	1.	5.8639E-05	3.7529E-05
55-Cs-136	55136.	0.	1.1728E-04	7.5059E-05
55-Cs-137	55137.	0.	6.2214E-02	3.1107E-04
55-Cs-138	55138.	0.	6.6496E-02	9.3095E-04
55-Cs-138-M	55138.	1.	1.1479E-03	7.3463E-04
55-Cs-139	55139.	0.	6.3232E-02	6.9555E-03
55-Cs-140	55140.	0.	5.7402E-02	1.6072E-03
55-Cs-141	55141.	0.	4.3867E-02	7.0187E-03
55-Cs-142	55142.	0.	2.8339E-02	1.7004E-03
55-Cs-143	55143.	0.	1.2626E-02	7.5754E-04
55-Cs-144	55144.	0.	3.8041E-03	3.0433E-04
55-Cs-145	55145.	0.	1.3816E-03	8.8421E-04
55-Cs-146	55146.	0.	1.5238E-04	9.7522E-05
55-Cs-147	55147.	0.	2.4628E-05	1.5762E-05
55-Cs-148	55148.	0.	4.0600E-07	2.5984E-07
55-Cs-149	55149.	0.	1.0814E-08	6.9207E-09
55-Cs-150	55150.	0.	1.1300E-10	7.2319E-11
55-Cs-151	55151.	0.	3.2381E-13	2.0724E-13
55-Cs-152	55152.	0.	9.1472E-15	5.8542E-15
56-Ba-129	56129.	0.	0.0000E+00	0.0000E+00
56-Ba-131	56131.	0.	0.0000E+00	0.0000E+00
56-Ba-132	56132.	0.	5.7600E-14	3.6864E-14
56-Ba-133	56133.	0.	0.0000E+00	0.0000E+00
56-Ba-134	56134.	0.	5.0400E-08	3.2256E-08
56-Ba-135-M	56135.	1.	1.2250E-10	7.8399E-11
56-Ba-135	56135.	0.	6.6013E-02	4.2248E-02
56-Ba-136-M	56136.	1.	1.3167E-05	8.4268E-06
56-Ba-136	56136.	0.	1.1734E-04	7.5097E-05
56-Ba-137	56137.	0.	6.2215E-02	2.1775E-04
56-Ba-137-M	56137.	1.	5.8855E-02	2.9428E-04
56-Ba-138	56138.	0.	6.6805E-02	4.6763E-04
56-Ba-139	56139.	0.	6.3432E-02	6.3433E-04

56-Ba-140	56140.	0.	5.9777E-02	5.9777E-04
56-Ba-141	56141.	0.	5.9444E-02	2.3778E-03
56-Ba-142	56142.	0.	5.5122E-02	1.1024E-03
56-Ba-143	56143.	0.	4.8648E-02	1.3621E-03
56-Ba-144	56144.	0.	3.3998E-02	1.3599E-03
56-Ba-145	56145.	0.	2.4412E-02	5.6148E-03
56-Ba-146	56146.	0.	1.1643E-02	2.6778E-03
56-Ba-147	56147.	0.	2.4274E-03	1.5535E-03
56-Ba-148	56148.	0.	3.8660E-04	2.4742E-04
56-Ba-149	56149.	0.	2.5640E-05	1.6409E-05
56-Ba-150	56150.	0.	1.4900E-06	9.5359E-07
56-Ba-151	56151.	0.	2.1535E-08	1.3783E-08
56-Ba-152	56152.	0.	8.2199E-10	5.2608E-10
56-Ba-153	56153.	0.	1.9309E-12	1.2358E-12
56-Ba-154	56154.	0.	3.6500E-14	2.3360E-14
56-Ba-155	56155.	0.	1.6013E-15	1.0249E-15
57-La-133	57133.	0.	0.0000E+00	0.0000E+00
57-La-135	57135.	0.	0.0000E+00	0.0000E+00
57-La-137	57137.	0.	2.6300E-11	1.6832E-11
57-La-138	57138.	0.	9.7699E-08	3.9080E-09
57-La-139	57139.	0.	6.3432E-02	3.1716E-04
57-La-140	57140.	0.	5.9779E-02	5.9779E-04
57-La-141	57141.	0.	5.9490E-02	1.6657E-03
57-La-142	57142.	0.	5.5421E-02	7.7589E-04
57-La-143	57143.	0.	5.7298E-02	1.6043E-03
57-La-144	57144.	0.	5.2518E-02	8.4030E-03
57-La-145	57145.	0.	3.6837E-02	2.2102E-03
57-La-146-M	57146.	1.	6.6423E-03	4.2511E-03
57-La-146	57146.	0.	1.8285E-02	1.1702E-02
57-La-147	57147.	0.	1.3582E-02	3.1238E-03
57-La-148	57148.	0.	4.6097E-03	2.9502E-03
57-La-149	57149.	0.	1.2853E-03	8.2257E-04
57-La-150	57150.	0.	1.9035E-04	1.2182E-04
57-La-151	57151.	0.	2.3670E-05	1.5149E-05
57-La-152	57152.	0.	1.3700E-06	8.7679E-07
57-La-153	57153.	0.	5.9499E-08	3.8080E-08
57-La-154	57154.	0.	7.9999E-10	5.1200E-10
57-La-155	57155.	0.	4.9344E-11	3.1580E-11
57-La-156	57156.	0.	4.6181E-14	2.9556E-14
57-La-157	57157.	0.	9.9838E-16	6.3896E-16
58-Ce-135	58135.	0.	0.0000E+00	0.0000E+00
58-Ce-137	58137.	0.	0.0000E+00	0.0000E+00
58-Ce-138	58138.	0.	2.9300E-08	1.1720E-09
58-Ce-139	58139.	0.	3.0300E-12	1.9392E-12
58-Ce-139-M	58139.	1.	2.2500E-12	1.4400E-12
58-Ce-140	58140.	0.	5.9779E-02	4.1845E-04
58-Ce-141	58141.	0.	5.9491E-02	1.6657E-03
58-Ce-142	58142.	0.	5.5421E-02	5.5421E-04
58-Ce-143	58143.	0.	5.7312E-02	8.0236E-04
58-Ce-144	58144.	0.	5.2686E-02	7.3761E-04
58-Ce-145	58145.	0.	3.7756E-02	7.5511E-04
58-Ce-146	58146.	0.	2.9195E-02	5.8390E-04
58-Ce-147	58147.	0.	2.1235E-02	8.4942E-04
58-Ce-148	58148.	0.	1.6270E-02	1.3016E-03
58-Ce-149	58149.	0.	8.8493E-03	2.0353E-03
58-Ce-150	58150.	0.	4.7588E-03	2.1414E-03
58-Ce-151	58151.	0.	1.3906E-03	8.8999E-04
58-Ce-152	58152.	0.	3.5503E-04	2.2722E-04

58-Ce-153	58153.	0.	3.9360E-05	2.5190E-05
58-Ce-154	58154.	0.	2.4600E-06	1.5744E-06
58-Ce-155	58155.	0.	1.1700E-07	7.4879E-08
58-Ce-156	58156.	0.	4.1500E-09	2.6560E-09
58-Ce-157	58157.	0.	6.6399E-11	4.2496E-11
58-Ce-158	58158.	0.	9.2499E-13	5.9199E-13
58-Ce-159	58159.	0.	3.3101E-15	2.1185E-15
58-Ce-160	58160.	0.	0.0000E+00	0.0000E+00
59-Pr-139	59139.	0.	0.0000E+00	0.0000E+00
59-Pr-140	59140.	0.	0.0000E+00	0.0000E+00
59-Pr-141	59141.	0.	5.9491E-02	8.3287E-04
59-Pr-142-M	59142.	1.	7.8499E-12	5.0240E-12
59-Pr-142	59142.	0.	1.5700E-11	1.0048E-11
59-Pr-143	59143.	0.	5.7312E-02	5.7312E-04
59-Pr-144	59144.	0.	5.2686E-02	5.2686E-04
59-Pr-144-M	59144.	1.	2.6348E-04	3.6887E-06
59-Pr-145	59145.	0.	3.7757E-02	3.7757E-04
59-Pr-146	59146.	0.	2.9213E-02	2.9213E-04
59-Pr-147	59147.	0.	2.1388E-02	4.2777E-04
59-Pr-148-M	59148.	1.	2.7945E-04	1.7885E-04
59-Pr-148	59148.	0.	1.6550E-02	1.0592E-02
59-Pr-149	59149.	0.	1.0335E-02	6.2010E-04
59-Pr-150	59150.	0.	6.6561E-03	3.9936E-04
59-Pr-151	59151.	0.	3.5817E-03	8.2379E-04
59-Pr-152	59152.	0.	1.5578E-03	9.9697E-04
59-Pr-153	59153.	0.	5.8704E-04	3.7570E-04
59-Pr-154	59154.	0.	8.1569E-05	5.2204E-05
59-Pr-155	59155.	0.	1.6690E-05	1.0681E-05
59-Pr-156	59156.	0.	1.4800E-06	9.4719E-07
59-Pr-157	59157.	0.	1.1100E-07	7.1039E-08
59-Pr-158	59158.	0.	4.0400E-09	2.5856E-09
59-Pr-159	59159.	0.	1.0200E-10	6.5279E-11
59-Pr-160	59160.	0.	9.1099E-13	5.8303E-13
59-Pr-161	59161.	0.	1.9547E-15	1.2510E-15
59-Pr-162	59162.	0.	1.2018E-17	7.6916E-18
60-Nd-140	60140.	0.	0.0000E+00	0.0000E+00
60-Nd-141	60141.	0.	0.0000E+00	0.0000E+00
60-Nd-142	60142.	0.	1.5700E-11	1.0048E-11
60-Nd-143	60143.	0.	5.7312E-02	2.8656E-04
60-Nd-144	60144.	0.	5.2687E-02	3.6880E-04
60-Nd-145	60145.	0.	3.7757E-02	1.8878E-04
60-Nd-146	60146.	0.	2.9213E-02	1.4607E-04
60-Nd-147	60147.	0.	2.1389E-02	2.1389E-04
60-Nd-148	60148.	0.	1.6834E-02	8.4171E-05
60-Nd-149	60149.	0.	1.0370E-02	2.9035E-04
60-Nd-150	60150.	0.	6.8580E-03	3.4290E-05
60-Nd-151	60151.	0.	4.1167E-03	5.7633E-05
60-Nd-152	60152.	0.	2.6920E-03	1.6152E-04
60-Nd-153	60153.	0.	1.6051E-03	2.5682E-04
60-Nd-154	60154.	0.	6.4771E-04	1.4897E-04
60-Nd-155	60155.	0.	2.6682E-04	1.7076E-04
60-Nd-156	60156.	0.	9.2299E-05	5.9071E-05
60-Nd-157	60157.	0.	1.6150E-05	1.0336E-05
60-Nd-158	60158.	0.	2.6200E-06	1.6768E-06
60-Nd-159	60159.	0.	1.6700E-07	1.0688E-07
60-Nd-160	60160.	0.	7.0599E-09	4.5184E-09
60-Nd-161	60161.	0.	1.3000E-10	8.3199E-11
60-Nd-162	60162.	0.	1.0800E-12	6.9119E-13

60-Nd-163	60163.	0.	0.0000E+00	0.0000E+00
60-Nd-164	60164.	0.	0.0000E+00	0.0000E+00
61-Pm-141	61141.	0.	0.0000E+00	0.0000E+00
61-Pm-143	61143.	0.	0.0000E+00	0.0000E+00
61-Pm-144	61144.	0.	0.0000E+00	0.0000E+00
61-Pm-145	61145.	0.	0.0000E+00	0.0000E+00
61-Pm-146	61146.	0.	7.2299E-14	4.6272E-14
61-Pm-147	61147.	0.	2.1389E-02	2.1389E-04
61-Pm-148	61148.	0.	1.4200E-10	9.0879E-11
61-Pm-148-M	61148.	1.	3.4100E-10	2.1824E-10
61-Pm-149	61149.	0.	1.0370E-02	1.4517E-04
61-Pm-150	61150.	0.	2.5100E-07	1.6064E-07
61-Pm-151	61151.	0.	4.1199E-03	2.8839E-05
61-Pm-152-N	61152.	2.	5.5000E-06	3.5200E-06
61-Pm-152	61152.	0.	2.6975E-03	7.5530E-05
61-Pm-152-M	61152.	1.	5.5000E-06	3.5200E-06
61-Pm-153	61153.	0.	1.6701E-03	1.3361E-04
61-Pm-154	61154.	0.	6.8440E-04	5.4752E-05
61-Pm-154-M	61154.	1.	3.6690E-05	2.3481E-05
61-Pm-155	61155.	0.	3.8677E-04	1.2376E-04
61-Pm-156	61156.	0.	1.7944E-04	4.1271E-05
61-Pm-157	61157.	0.	7.3699E-05	4.7168E-05
61-Pm-158	61158.	0.	2.2820E-05	1.4605E-05
61-Pm-159	61159.	0.	5.5000E-06	3.5200E-06
61-Pm-160	61160.	0.	5.4899E-07	3.5136E-07
61-Pm-161	61161.	0.	4.5500E-08	2.9120E-08
61-Pm-162	61162.	0.	9.6199E-10	6.1568E-10
61-Pm-163	61163.	0.	1.6400E-11	1.0496E-11
61-Pm-164	61164.	0.	4.0100E-13	2.5664E-13
61-Pm-165	61165.	0.	0.0000E+00	0.0000E+00
61-Pm-166	61166.	0.	1.0727E-17	6.8655E-18
61-Pm-167	61167.	0.	2.4659E-19	1.5782E-19
62-Sm-143	62143.	0.	0.0000E+00	0.0000E+00
62-Sm-143-M	62143.	1.	0.0000E+00	0.0000E+00
62-Sm-144	62144.	0.	0.0000E+00	0.0000E+00
62-Sm-145	62145.	0.	0.0000E+00	0.0000E+00
62-Sm-146	62146.	0.	2.5300E-14	1.6192E-14
62-Sm-147	62147.	0.	2.1389E-02	1.4972E-04
62-Sm-148	62148.	0.	4.6700E-10	2.9888E-10
62-Sm-149	62149.	0.	1.0370E-02	7.2588E-05
62-Sm-150	62150.	0.	2.5100E-07	1.6064E-07
62-Sm-151	62151.	0.	4.1199E-03	2.0599E-05
62-Sm-152	62152.	0.	2.7085E-03	3.7920E-05
62-Sm-153	62153.	0.	1.6705E-03	6.6822E-05
62-Sm-154	62154.	0.	7.2318E-04	7.2318E-06
62-Sm-155	62155.	0.	3.9470E-04	9.0780E-05
62-Sm-156	62156.	0.	2.0250E-04	5.6700E-06
62-Sm-157	62157.	0.	1.0535E-04	4.7407E-05
62-Sm-158	62158.	0.	6.3550E-05	2.8597E-05
62-Sm-159	62159.	0.	2.7140E-05	1.7369E-05
62-Sm-160	62160.	0.	8.8899E-06	5.6896E-06
62-Sm-161	62161.	0.	1.5800E-06	1.0112E-06
62-Sm-162	62162.	0.	1.3900E-07	8.8959E-08
62-Sm-163	62163.	0.	5.5399E-09	3.5456E-09
62-Sm-164	62164.	0.	6.2099E-10	3.9744E-10
62-Sm-165	62165.	0.	2.6600E-11	1.7024E-11
62-Sm-166	62166.	0.	9.6399E-13	6.1696E-13
62-Sm-167	62167.	0.	1.6400E-14	1.0496E-14

62-Sm-168	62168.	0.	0.0000E+00	0.0000E+00
62-Sm-169	62169.	0.	3.6996E-19	2.3677E-19
62-Sm-170	62170.	0.	0.0000E+00	0.0000E+00
62-Sm-171	62171.	0.	1.6835E-22	1.0774E-22
63-Eu-147	63147.	0.	0.0000E+00	0.0000E+00
63-Eu-149	63149.	0.	0.0000E+00	0.0000E+00
63-Eu-151	63151.	0.	4.1199E-03	2.0599E-05
63-Eu-152-N	63152.	2.	3.1200E-13	1.9968E-13
63-Eu-152	63152.	0.	4.6800E-13	2.9952E-13
63-Eu-152-M	63152.	1.	4.6800E-13	2.9952E-13
63-Eu-153	63153.	0.	1.6705E-03	4.6775E-05
63-Eu-154-M	63154.	1.	3.1050E-10	1.9872E-10
63-Eu-154	63154.	0.	6.2099E-10	3.9744E-10
63-Eu-155	63155.	0.	3.9472E-04	4.3419E-05
63-Eu-156	63156.	0.	2.0259E-04	4.0518E-06
63-Eu-157	63157.	0.	1.0583E-04	3.3865E-05
63-Eu-158	63158.	0.	6.4939E-05	2.0781E-05
63-Eu-159	63159.	0.	3.0030E-05	9.6095E-06
63-Eu-160	63160.	0.	1.1170E-05	3.5744E-06
63-Eu-161	63161.	0.	3.1100E-06	9.9519E-07
63-Eu-162	63162.	0.	4.1700E-07	2.6688E-07
63-Eu-163	63163.	0.	4.7600E-08	3.0464E-08
63-Eu-164	63164.	0.	1.1200E-08	7.1679E-09
63-Eu-165	63165.	0.	1.9800E-09	1.2672E-09
63-Eu-166	63166.	0.	1.7500E-10	1.1200E-10
63-Eu-167	63167.	0.	1.3800E-11	8.8319E-12
63-Eu-168	63168.	0.	2.8200E-13	1.8048E-13
63-Eu-169	63169.	0.	1.1400E-14	7.2959E-15
63-Eu-170	63170.	0.	0.0000E+00	0.0000E+00
63-Eu-171	63171.	0.	5.1875E-18	3.3200E-18
64-Gd-147	64147.	0.	0.0000E+00	0.0000E+00
64-Gd-149	64149.	0.	0.0000E+00	0.0000E+00
64-Gd-151	64151.	0.	0.0000E+00	0.0000E+00
64-Gd-152	64152.	0.	4.9100E-13	3.1424E-13
64-Gd-153	64153.	0.	0.0000E+00	0.0000E+00
64-Gd-154	64154.	0.	6.2099E-10	3.9744E-10
64-Gd-155	64155.	0.	3.9472E-04	4.3419E-05
64-Gd-156	64156.	0.	2.0259E-04	4.0518E-06
64-Gd-157	64157.	0.	1.0583E-04	2.4341E-05
64-Gd-158	64158.	0.	6.4939E-05	1.0390E-05
64-Gd-159	64159.	0.	3.0070E-05	4.8112E-06
64-Gd-160	64160.	0.	1.1320E-05	1.8112E-06
64-Gd-161	64161.	0.	3.3300E-06	3.6630E-07
64-Gd-162	64162.	0.	5.7599E-07	2.5920E-07
64-Gd-163	64163.	0.	9.4599E-08	4.2570E-08
64-Gd-164	64164.	0.	5.4499E-08	3.4880E-08
64-Gd-165	64165.	0.	1.8400E-08	1.1776E-08
64-Gd-166	64166.	0.	5.9499E-09	3.8080E-09
64-Gd-167	64167.	0.	1.0600E-09	6.7839E-10
64-Gd-168	64168.	0.	9.3799E-11	6.0032E-11
64-Gd-169	64169.	0.	9.4799E-12	6.0671E-12
64-Gd-170	64170.	0.	4.3600E-13	2.7904E-13
64-Gd-171	64171.	0.	1.2300E-14	7.8719E-15
64-Gd-172	64172.	0.	0.0000E+00	0.0000E+00
65-Tb-151	65151.	0.	0.0000E+00	0.0000E+00
65-Tb-153	65153.	0.	0.0000E+00	0.0000E+00
65-Tb-155	65155.	0.	0.0000E+00	0.0000E+00
65-Tb-156	65156.	0.	0.0000E+00	0.0000E+00

65-Tb-156-M	65156.	1.	0.0000E+00	0.0000E+00
65-Tb-157	65157.	0.	1.4800E-14	9.4719E-15
65-Tb-158	65158.	0.	5.2999E-13	3.3920E-13
65-Tb-158-M	65158.	1.	4.7700E-14	3.0528E-14
65-Tb-159	65159.	0.	3.0070E-05	3.3077E-06
65-Tb-160	65160.	0.	1.1200E-10	7.1679E-11
65-Tb-161	65161.	0.	3.3300E-06	1.9980E-07
65-Tb-162	65162.	0.	5.6499E-07	1.8080E-07
65-Tb-162-M	65162.	1.	1.2200E-08	5.4899E-09
65-Tb-163	65163.	0.	9.6199E-08	3.0784E-08
65-Tb-164	65164.	0.	5.7699E-08	2.5965E-08
65-Tb-165	65165.	0.	2.2900E-08	1.4656E-08
65-Tb-166	65166.	0.	9.1499E-09	5.8559E-09
65-Tb-167	65167.	0.	3.1800E-09	2.0352E-09
65-Tb-168	65168.	0.	4.9100E-10	3.1424E-10
65-Tb-169	65169.	0.	1.7200E-10	1.1008E-10
65-Tb-170	65170.	0.	1.7800E-11	1.1392E-11
65-Tb-171	65171.	0.	2.1900E-12	1.4016E-12
65-Tb-172	65172.	0.	1.0500E-13	6.7199E-14
66-Dy-155	66155.	0.	0.0000E+00	0.0000E+00
66-Dy-156	66156.	0.	0.0000E+00	0.0000E+00
66-Dy-157	66157.	0.	0.0000E+00	0.0000E+00
66-Dy-158	66158.	0.	8.4799E-14	5.4272E-14
66-Dy-159	66159.	0.	0.0000E+00	0.0000E+00
66-Dy-160	66160.	0.	1.1200E-10	7.1679E-11
66-Dy-161	66161.	0.	3.3300E-06	1.3320E-07
66-Dy-162	66162.	0.	5.7699E-07	1.3271E-07
66-Dy-163	66163.	0.	9.6199E-08	2.2126E-08
66-Dy-164	66164.	0.	5.7699E-08	1.3271E-08
66-Dy-165	66165.	0.	2.2800E-08	7.2959E-09
66-Dy-165-M	66165.	1.	1.1500E-08	5.1750E-09
66-Dy-166	66166.	0.	9.6199E-09	4.3290E-09
66-Dy-167	66167.	0.	3.8400E-09	1.7280E-09
66-Dy-168	66168.	0.	9.5299E-10	4.2885E-10
66-Dy-169	66169.	0.	5.4900E-10	3.5136E-10
66-Dy-170	66170.	0.	1.6800E-10	1.0752E-10
66-Dy-171	66171.	0.	4.2300E-11	2.7072E-11
66-Dy-172	66172.	0.	7.8299E-12	5.0112E-12
67-Ho-159	67159.	0.	0.0000E+00	0.0000E+00
67-Ho-159-M	67159.	1.	0.0000E+00	0.0000E+00
67-Ho-161	67161.	0.	0.0000E+00	0.0000E+00
67-Ho-161-M	67161.	1.	0.0000E+00	0.0000E+00
67-Ho-162	67162.	0.	0.0000E+00	0.0000E+00
67-Ho-162-M	67162.	1.	0.0000E+00	0.0000E+00
67-Ho-163	67163.	0.	0.0000E+00	0.0000E+00
67-Ho-163-M	67163.	1.	0.0000E+00	0.0000E+00
67-Ho-164	67164.	0.	0.0000E+00	0.0000E+00
67-Ho-164-M	67164.	1.	0.0000E+00	0.0000E+00
67-Ho-165	67165.	0.	2.3100E-08	5.3130E-09
67-Ho-166	67166.	0.	9.6199E-09	3.0784E-09
67-Ho-166-M	67166.	1.	6.0299E-13	3.8592E-13
67-Ho-167	67167.	0.	3.8500E-09	1.2320E-09
67-Ho-168	67168.	0.	9.6199E-10	3.0784E-10
67-Ho-169	67169.	0.	5.7700E-10	2.5965E-10
67-Ho-170	67170.	0.	1.8000E-10	8.0999E-11
67-Ho-170-M	67170.	1.	1.1800E-11	7.5519E-12
67-Ho-171	67171.	0.	6.5499E-11	4.1920E-11
67-Ho-172	67172.	0.	1.6500E-11	1.0560E-11

68-Er-161	68161.	0.	0.0000E+00	0.0000E+00
68-Er-162	68162.	0.	0.0000E+00	0.0000E+00
68-Er-163	68163.	0.	0.0000E+00	0.0000E+00
68-Er-164	68164.	0.	0.0000E+00	0.0000E+00
68-Er-165	68165.	0.	0.0000E+00	0.0000E+00
68-Er-166	68166.	0.	9.6199E-09	2.2126E-09
68-Er-167	68167.	0.	3.8500E-09	8.8549E-10
68-Er-167-M	68167.	1.	3.8500E-10	1.7325E-10
68-Er-168	68168.	0.	9.6199E-10	2.2126E-10
68-Er-169	68169.	0.	5.7700E-10	1.8464E-10
68-Er-170	68170.	0.	1.9200E-10	4.4160E-11
68-Er-171	68171.	0.	6.7299E-11	3.0285E-11
68-Er-172	68172.	0.	1.9200E-11	8.6399E-12
69-Tm-165	69165.	0.	0.0000E+00	0.0000E+00
69-Tm-166	69166.	0.	0.0000E+00	0.0000E+00
69-Tm-167	69167.	0.	0.0000E+00	0.0000E+00
69-Tm-168	69168.	0.	0.0000E+00	0.0000E+00
69-Tm-169	69169.	0.	5.7700E-10	1.3271E-10
69-Tm-170	69170.	0.	0.0000E+00	0.0000E+00
69-Tm-171	69171.	0.	6.7299E-11	2.1536E-11
69-Tm-172	69172.	0.	1.9200E-11	6.1439E-12
70-Yb-166	70166.	0.	0.0000E+00	0.0000E+00
70-Yb-167	70167.	0.	0.0000E+00	0.0000E+00
70-Yb-168	70168.	0.	0.0000E+00	0.0000E+00
70-Yb-169	70169.	0.	0.0000E+00	0.0000E+00
70-Yb-169-M	70169.	1.	0.0000E+00	0.0000E+00
70-Yb-170	70170.	0.	0.0000E+00	0.0000E+00
70-Yb-171	70171.	0.	6.7299E-11	1.5479E-11
70-Yb-172	70172.	0.	1.9200E-11	4.4160E-12
71-Lu-169	71169.	0.	0.0000E+00	0.0000E+00
71-Lu-169-M	71169.	1.	0.0000E+00	0.0000E+00
71-Lu-171	71171.	0.	0.0000E+00	0.0000E+00
71-Lu-171-M	71171.	1.	0.0000E+00	0.0000E+00
71-Lu-172	71172.	0.	0.0000E+00	0.0000E+00
71-Lu-172-M	71172.	1.	0.0000E+00	0.0000E+00
72-Hf-171	72171.	0.	0.0000E+00	0.0000E+00
72-Hf-172	72172.	0.	0.0000E+00	0.0000E+00

Neutron energy = 1.4000E+07

Interpolation scheme= 0

PRODUCT	ZAFP	FPS	Y	DY
23-V - 66	23066.	0.	3.3253E-13	2.1282E-13
23-V - 67	23067.	0.	6.3479E-14	4.0627E-14
23-V - 68	23068.	0.	6.0536E-15	3.8743E-15
24-Cr- 66	24066.	0.	7.9091E-10	5.0618E-10
24-Cr- 67	24067.	0.	1.5098E-10	9.6629E-11
24-Cr- 68	24068.	0.	1.4398E-11	9.2150E-12
24-Cr- 69	24069.	0.	6.5581E-13	4.1972E-13
24-Cr- 70	24070.	0.	5.6794E-14	3.6348E-14
25-Mn- 66	25066.	0.	8.7090E-08	5.5738E-08
25-Mn- 67	25067.	0.	3.9995E-08	2.5597E-08
25-Mn- 68	25068.	0.	9.2790E-09	5.9385E-09
25-Mn- 69	25069.	0.	1.5598E-09	9.9829E-10
25-Mn- 70	25070.	0.	2.2497E-10	1.4398E-10
25-Mn- 71	25071.	0.	2.1398E-11	1.3694E-11
25-Mn- 72	25072.	0.	1.2275E-12	7.8563E-13

25-Mn- 73	25073.	0.	1.6437E-13	1.0520E-13
26-Fe- 66	26066.	0.	1.0999E-06	7.0392E-07
26-Fe- 67	26067.	0.	1.1099E-06	7.1032E-07
26-Fe- 68	26068.	0.	5.9393E-07	3.8012E-07
26-Fe- 69	26069.	0.	2.3697E-07	1.5166E-07
26-Fe- 70	26070.	0.	8.2291E-08	5.2666E-08
26-Fe- 71	26071.	0.	1.9198E-08	1.2287E-08
26-Fe- 72	26072.	0.	2.9197E-09	1.8686E-09
26-Fe- 73	26073.	0.	3.9096E-10	2.5021E-10
26-Fe- 74	26074.	0.	2.9497E-11	1.8878E-11
26-Fe- 75	26075.	0.	2.1650E-12	1.3856E-12
26-Fe- 76	26076.	0.	5.5394E-14	3.5452E-14
27-Co- 66	27066.	0.	2.5897E-06	8.2871E-07
27-Co- 67	27067.	0.	4.5295E-06	2.8989E-06
27-Co- 68	27068.	0.	4.7095E-06	3.0141E-06
27-Co- 69	27069.	0.	3.9796E-06	2.5469E-06
27-Co- 70	27070.	0.	3.0997E-06	1.9838E-06
27-Co- 71	27071.	0.	1.6898E-06	1.0815E-06
27-Co- 72	27072.	0.	6.1193E-07	3.9164E-07
27-Co- 73	27073.	0.	1.9898E-07	1.2735E-07
27-Co- 74	27074.	0.	3.6896E-08	2.3613E-08
27-Co- 75	27075.	0.	5.1494E-09	3.2956E-09
27-Co- 76	27076.	0.	4.4195E-10	2.8285E-10
27-Co- 77	27077.	0.	2.2743E-11	1.4556E-11
27-Co- 78	27078.	0.	2.2449E-12	1.4367E-12
28-Ni- 66	28066.	0.	2.8797E-06	3.1676E-07
28-Ni- 67	28067.	0.	5.9593E-06	1.3706E-06
28-Ni- 68	28068.	0.	8.4390E-06	3.7976E-06
28-Ni- 69	28069.	0.	1.1279E-05	7.2184E-06
28-Ni- 70	28070.	0.	1.5968E-05	1.0220E-05
28-Ni- 71	28071.	0.	1.7498E-05	1.1199E-05
28-Ni- 72	28072.	0.	1.3778E-05	8.8182E-06
28-Ni- 73	28073.	0.	1.0199E-05	6.5273E-06
28-Ni- 74	28074.	0.	4.4495E-06	2.8477E-06
28-Ni- 75	28075.	0.	1.4898E-06	9.5349E-07
28-Ni- 76	28076.	0.	3.1996E-07	2.0478E-07
28-Ni- 77	28077.	0.	5.4094E-08	3.4620E-08
28-Ni- 78	28078.	0.	5.3394E-09	3.4172E-09
28-Ni- 79	28079.	0.	1.9338E-10	1.2376E-10
28-Ni- 80	28080.	0.	1.8598E-11	1.1903E-11
28-Ni- 82	28082.	0.	1.0199E-14	6.5273E-15
29-Cu- 66	29066.	0.	2.8797E-06	3.1676E-07
29-Cu- 67	29067.	0.	6.0393E-06	6.6433E-07
29-Cu- 68	29068.	0.	8.6890E-06	1.9985E-06
29-Cu- 68-M	29068.	1.	3.5096E-07	2.2461E-07
29-Cu- 69	29069.	0.	1.3149E-05	5.9168E-06
29-Cu- 70	29070.	0.	9.0490E-06	5.7913E-06
29-Cu- 70-M	29070.	1.	1.4058E-05	8.9974E-06
29-Cu- 71	29071.	0.	3.6476E-05	1.6414E-05
29-Cu- 72	29072.	0.	4.8005E-05	2.1602E-05
29-Cu- 73	29073.	0.	6.7322E-05	4.3086E-05
29-Cu- 74	29074.	0.	6.0933E-05	3.8997E-05
29-Cu- 75	29075.	0.	4.5285E-05	2.8982E-05
29-Cu- 76	29076.	0.	2.2917E-05	1.4667E-05
29-Cu- 77	29077.	0.	9.4189E-06	6.0281E-06
29-Cu- 78	29078.	0.	2.3597E-06	1.5102E-06
29-Cu- 79	29079.	0.	4.5995E-07	2.9437E-07
29-Cu- 80	29080.	0.	5.5194E-08	3.5324E-08

29-Cu-	81	29081.	0.	3.4696E-09	2.2205E-09
29-Cu-	82	29082.	0.	2.2098E-10	1.4142E-10
29-Cu-	83	29083.	0.	1.8539E-11	1.1865E-11
30-Zn-	66	30066.	0.	2.8797E-06	2.3037E-07
30-Zn-	67	30067.	0.	6.0393E-06	4.8315E-07
30-Zn-	68	30068.	0.	8.8690E-06	9.7559E-07
30-Zn-	69	30069.	0.	1.3198E-05	5.9393E-06
30-Zn-	69-M	30069.	1.	4.9394E-08	3.1612E-08
30-Zn-	70	30070.	0.	2.3607E-05	2.5968E-06
30-Zn-	71	30071.	0.	3.6796E-05	8.4630E-06
30-Zn-	71-M	30071.	1.	2.6097E-06	1.6702E-06
30-Zn-	72	30072.	0.	5.9653E-05	4.7723E-06
30-Zn-	73	30073.	0.	1.0949E-04	4.9269E-05
30-Zn-	74	30074.	0.	1.5099E-04	6.7947E-05
30-Zn-	75	30075.	0.	1.9717E-04	1.2619E-04
30-Zn-	76	30076.	0.	2.0003E-04	1.2802E-04
30-Zn-	77	30077.	0.	1.7916E-04	1.1466E-04
30-Zn-	78	30078.	0.	1.0586E-04	6.7749E-05
30-Zn-	79	30079.	0.	5.0644E-05	3.2412E-05
30-Zn-	80	30080.	0.	1.5278E-05	9.7781E-06
30-Zn-	81	30081.	0.	2.5097E-06	1.6062E-06
30-Zn-	82	30082.	0.	4.2495E-07	2.7197E-07
30-Zn-	83	30083.	0.	4.4095E-08	2.8221E-08
30-Zn-	84	30084.	0.	2.2397E-09	1.4334E-09
30-Zn-	85	30085.	0.	1.0215E-10	6.5379E-11
30-Zn-	86	30086.	0.	1.0899E-12	6.9752E-13
31-Ga-	66	31066.	0.	0.0000E+00	0.0000E+00
31-Ga-	67	31067.	0.	1.7898E-13	1.1455E-13
31-Ga-	68	31068.	0.	6.6392E-12	4.2491E-12
31-Ga-	69	31069.	0.	1.3198E-05	4.2235E-06
31-Ga-	70	31070.	0.	3.5796E-09	2.2909E-09
31-Ga-	71	31071.	0.	3.9455E-05	4.3401E-06
31-Ga-	72-M	31072.	1.	2.3597E-07	1.5102E-07
31-Ga-	72	31072.	0.	6.0123E-05	3.8479E-05
31-Ga-	73	31073.	0.	1.1341E-04	3.6290E-05
31-Ga-	74-M	31074.	1.	1.2257E-04	7.8444E-05
31-Ga-	74	31074.	0.	1.3900E-04	8.8959E-05
31-Ga-	75	31075.	0.	2.6601E-04	1.1970E-04
31-Ga-	76	31076.	0.	3.7721E-04	8.6758E-05
31-Ga-	77	31077.	0.	5.5400E-04	3.5456E-04
31-Ga-	78	31078.	0.	6.2789E-04	4.0185E-04
31-Ga-	79	31079.	0.	6.4005E-04	4.0963E-04
31-Ga-	80	31080.	0.	4.4377E-04	2.8401E-04
31-Ga-	81	31081.	0.	1.7986E-04	1.1511E-04
31-Ga-	82	31082.	0.	7.7351E-05	4.9505E-05
31-Ga-	83	31083.	0.	2.1428E-05	1.3714E-05
31-Ga-	84	31084.	0.	2.8797E-06	1.8430E-06
31-Ga-	85	31085.	0.	2.4297E-07	1.5550E-07
31-Ga-	86	31086.	0.	1.0499E-08	6.7192E-09
31-Ga-	87	31087.	0.	3.8298E-10	2.4510E-10
31-Ga-	88	31088.	0.	3.0268E-11	1.9372E-11
32-Ge-	66	32066.	0.	0.0000E+00	0.0000E+00
32-Ge-	67	32067.	0.	0.0000E+00	0.0000E+00
32-Ge-	68	32068.	0.	0.0000E+00	0.0000E+00
32-Ge-	69	32069.	0.	4.6495E-14	2.9757E-14
32-Ge-	70	32070.	0.	3.5796E-09	2.2909E-09
32-Ge-	71	32071.	0.	8.7090E-11	5.5738E-11
32-Ge-	71-M	32071.	1.	4.3595E-11	2.7901E-11

32-Ge- 72	32072.	0.	6.0133E-05	4.8106E-06
32-Ge- 73	32073.	0.	1.1345E-04	1.2479E-05
32-Ge- 73-M	32073.	1.	1.1341E-04	2.6084E-05
32-Ge- 74	32074.	0.	1.7009E-04	1.8710E-05
32-Ge- 75	32075.	0.	2.6981E-04	6.2056E-05
32-Ge- 75-M	32075.	1.	1.4138E-05	6.3623E-06
32-Ge- 76	32076.	0.	3.9985E-04	4.3983E-05
32-Ge- 77	32077.	0.	2.7105E-04	1.2197E-04
32-Ge- 77-M	32077.	1.	4.9508E-04	3.1685E-04
32-Ge- 78	32078.	0.	9.6936E-04	4.3621E-04
32-Ge- 79-M	32079.	1.	4.6695E-04	2.9885E-04
32-Ge- 79	32079.	0.	1.0622E-03	6.7982E-04
32-Ge- 80	32080.	0.	1.8805E-03	1.2035E-03
32-Ge- 81	32081.	0.	1.5591E-03	9.9780E-04
32-Ge- 82	32082.	0.	1.5261E-03	9.7667E-04
32-Ge- 83	32083.	0.	1.0378E-03	6.6419E-04
32-Ge- 84	32084.	0.	3.5456E-04	2.2692E-04
32-Ge- 85	32085.	0.	7.9141E-05	5.0650E-05
32-Ge- 86	32086.	0.	9.2190E-06	5.9001E-06
32-Ge- 87	32087.	0.	9.1090E-07	5.8297E-07
32-Ge- 88	32088.	0.	7.1992E-08	4.6075E-08
32-Ge- 89	32089.	0.	2.1020E-09	1.3453E-09
32-Ge- 90	32090.	0.	2.7072E-10	1.7326E-10
33-As- 69	33069.	0.	0.0000E+00	0.0000E+00
33-As- 71	33071.	0.	1.3598E-14	8.7030E-15
33-As- 72	33072.	0.	7.6991E-13	4.9274E-13
33-As- 73	33073.	0.	3.8396E-11	2.4573E-11
33-As- 74	33074.	0.	1.0599E-09	6.7832E-10
33-As- 74-M	33074.	1.	8.6690E-10	5.5482E-10
33-As- 75	33075.	0.	2.6983E-04	2.9681E-05
33-As- 76	33076.	0.	3.2096E-07	2.0542E-07
33-As- 77	33077.	0.	6.6586E-04	1.0654E-04
33-As- 78	33078.	0.	9.9716E-04	2.2935E-04
33-As- 79	33079.	0.	1.6757E-03	7.5408E-04
33-As- 80	33080.	0.	2.5009E-03	5.7521E-04
33-As- 81	33081.	0.	3.2342E-03	1.0349E-03
33-As- 82	33082.	0.	3.2011E-03	2.0487E-03
33-As- 82-M	33082.	1.	1.6758E-03	1.0725E-03
33-As- 83	33083.	0.	6.6846E-03	3.0081E-03
33-As- 84-M	33084.	1.	2.3003E-03	1.4722E-03
33-As- 84	33084.	0.	2.6494E-03	1.6956E-03
33-As- 85	33085.	0.	2.6610E-03	1.7030E-03
33-As- 86	33086.	0.	7.8874E-04	5.0479E-04
33-As- 87	33087.	0.	2.0456E-04	1.3092E-04
33-As- 88	33088.	0.	4.3235E-05	2.7670E-05
33-As- 89	33089.	0.	4.9994E-06	3.1996E-06
33-As- 90	33090.	0.	6.4390E-07	4.1210E-07
33-As- 91	33091.	0.	6.1125E-09	3.9120E-09
33-As- 92	33092.	0.	4.8345E-10	3.0941E-10
33-As- 93	33093.	0.	2.1799E-11	1.3951E-11
34-Se- 72	34072.	0.	0.0000E+00	0.0000E+00
34-Se- 73	34073.	0.	0.0000E+00	0.0000E+00
34-Se- 73-M	34073.	1.	0.0000E+00	0.0000E+00
34-Se- 74	34074.	0.	3.4596E-10	2.2141E-10
34-Se- 75	34075.	0.	1.1999E-11	7.6791E-12
34-Se- 76	34076.	0.	3.2096E-07	2.0542E-07
34-Se- 77	34077.	0.	6.6587E-04	7.3245E-05
34-Se- 77-M	34077.	1.	2.0098E-06	4.6225E-07

34-Se- 78	34078.	0.	9.9741E-04	1.0972E-04
34-Se- 79	34079.	0.	1.6793E-03	3.8625E-04
34-Se- 79-M	34079.	1.	1.6760E-03	5.3632E-04
34-Se- 80	34080.	0.	2.5337E-03	2.7871E-04
34-Se- 81	34081.	0.	3.4117E-03	5.4588E-04
34-Se- 81-M	34081.	1.	1.6337E-04	1.0456E-04
34-Se- 82	34082.	0.	5.8848E-03	6.4733E-04
34-Se- 83	34083.	0.	5.9282E-03	2.6677E-03
34-Se- 83-M	34083.	1.	4.7175E-03	1.5096E-03
34-Se- 84	34084.	0.	1.3463E-02	4.3083E-03
34-Se- 85	34085.	0.	6.3179E-03	4.0435E-03
34-Se- 85-M	34085.	1.	5.0213E-03	3.2137E-03
34-Se- 86	34086.	0.	8.0417E-03	3.6188E-03
34-Se- 87	34087.	0.	4.8126E-03	2.1657E-03
34-Se- 88	34088.	0.	2.5867E-03	1.6555E-03
34-Se- 89	34089.	0.	7.5826E-04	4.8529E-04
34-Se- 90	34090.	0.	1.4404E-04	9.2188E-05
34-Se- 91	34091.	0.	1.4538E-05	9.3046E-06
34-Se- 92	34092.	0.	1.1499E-06	7.3592E-07
34-Se- 93	34093.	0.	5.1848E-08	3.3183E-08
34-Se- 94	34094.	0.	2.3097E-09	1.4782E-09
34-Se- 95	34095.	0.	2.2040E-10	1.4105E-10
34-Se- 96	34096.	0.	8.9790E-13	5.7466E-13
35-Br- 75	35075.	0.	0.0000E+00	0.0000E+00
35-Br- 77	35077.	0.	4.1195E-12	2.6365E-12
35-Br- 77-M	35077.	1.	3.5496E-12	2.2717E-12
35-Br- 78	35078.	0.	2.0398E-10	1.3055E-10
35-Br- 79	35079.	0.	1.6793E-03	1.8473E-04
35-Br- 79-M	35079.	1.	6.6992E-09	4.2875E-09
35-Br- 80	35080.	0.	1.8098E-07	1.1583E-07
35-Br- 80-M	35080.	1.	1.5398E-07	9.8549E-08
35-Br- 81	35081.	0.	3.4146E-03	3.7561E-04
35-Br- 82	35082.	0.	4.6225E-05	1.8490E-06
35-Br- 82-M	35082.	1.	8.3591E-06	3.3436E-07
35-Br- 83	35083.	0.	1.1001E-02	6.6004E-04
35-Br- 84	35084.	0.	1.3812E-02	3.1768E-03
35-Br- 84-M	35084.	1.	1.2358E-03	7.9088E-04
35-Br- 85	35085.	0.	1.6351E-02	1.3081E-03
35-Br- 86	35086.	0.	1.2306E-02	5.5378E-03
35-Br- 86-M	35086.	1.	4.2711E-03	2.7335E-03
35-Br- 87	35087.	0.	1.6191E-02	2.5905E-03
35-Br- 88	35088.	0.	1.8914E-02	3.0262E-03
35-Br- 89	35089.	0.	1.2693E-02	2.9194E-03
35-Br- 90	35090.	0.	5.7942E-03	2.6074E-03
35-Br- 91	35091.	0.	1.4912E-03	9.5439E-04
35-Br- 92	35092.	0.	3.0413E-04	1.9464E-04
35-Br- 93	35093.	0.	1.1599E-05	3.7116E-06
35-Br- 94	35094.	0.	4.2295E-06	2.7069E-06
35-Br- 95	35095.	0.	5.2421E-07	3.3549E-07
35-Br- 96	35096.	0.	1.1599E-08	7.4232E-09
35-Br- 97	35097.	0.	4.4982E-10	2.8788E-10
35-Br- 98	35098.	0.	2.7157E-11	1.7381E-11
36-Kr- 77	36077.	0.	0.0000E+00	0.0000E+00
36-Kr- 78	36078.	0.	1.5398E-14	9.8549E-15
36-Kr- 79-M	36079.	1.	7.7491E-13	4.9594E-13
36-Kr- 79	36079.	0.	1.5498E-12	9.9189E-13
36-Kr- 80	36080.	0.	1.8098E-07	1.1583E-07
36-Kr- 81	36081.	0.	3.9796E-09	2.5469E-09

36-Kr- 81-M	36081.	1.	2.7897E-10	1.7854E-10
36-Kr- 82	36082.	0.	4.6515E-05	1.8606E-06
36-Kr- 83	36083.	0.	1.1004E-02	4.4016E-04
36-Kr- 83-M	36083.	1.	1.1001E-02	6.6007E-04
36-Kr- 84	36084.	0.	1.5086E-02	1.6595E-03
36-Kr- 85	36085.	0.	3.5478E-03	2.1287E-04
36-Kr- 85-M	36085.	1.	1.6385E-02	6.5540E-04
36-Kr- 86	36086.	0.	1.8279E-02	4.2042E-03
36-Kr- 87	36087.	0.	2.4299E-02	6.8038E-04
36-Kr- 88	36088.	0.	3.2731E-02	9.1647E-04
36-Kr- 89	36089.	0.	3.5130E-02	9.8365E-04
36-Kr- 90	36090.	0.	2.9595E-02	6.8070E-03
36-Kr- 91	36091.	0.	1.7840E-02	1.0704E-03
36-Kr- 92	36092.	0.	8.4275E-03	5.0565E-04
36-Kr- 93	36093.	0.	2.0660E-03	1.6528E-04
36-Kr- 94	36094.	0.	7.3658E-04	4.7141E-04
36-Kr- 95	36095.	0.	1.1727E-04	7.5051E-05
36-Kr- 96	36096.	0.	1.3538E-05	8.6646E-06
36-Kr- 97	36097.	0.	1.0699E-06	6.8472E-07
36-Kr- 98	36098.	0.	6.4593E-08	4.1339E-08
36-Kr- 99	36099.	0.	1.4196E-09	9.0857E-10
36-Kr-100	36100.	0.	5.3594E-11	3.4300E-11
37-Rb- 79	37079.	0.	0.0000E+00	0.0000E+00
37-Rb- 81	37081.	0.	4.9894E-13	3.1932E-13
37-Rb- 83	37083.	0.	3.0697E-09	1.9646E-09
37-Rb- 84	37084.	0.	9.3989E-08	6.0153E-08
37-Rb- 85	37085.	0.	1.6661E-02	4.6651E-04
37-Rb- 86-M	37086.	1.	7.8991E-07	5.0554E-07
37-Rb- 86	37086.	0.	1.5798E-06	1.0111E-06
37-Rb- 87	37087.	0.	2.4503E-02	9.8013E-04
37-Rb- 88	37088.	0.	3.4278E-02	2.0567E-03
37-Rb- 89	37089.	0.	4.1049E-02	4.5154E-03
37-Rb- 90	37090.	0.	2.8458E-02	4.5533E-03
37-Rb- 90-M	37090.	1.	1.6781E-02	3.8597E-03
37-Rb- 91	37091.	0.	4.3067E-02	6.8907E-03
37-Rb- 92	37092.	0.	3.7791E-02	6.0465E-03
37-Rb- 93	37093.	0.	2.4089E-02	5.5404E-03
37-Rb- 94	37094.	0.	1.3975E-02	3.2143E-03
37-Rb- 95	37095.	0.	5.3810E-03	2.4214E-03
37-Rb- 96	37096.	0.	1.5237E-03	9.7515E-04
37-Rb- 97	37097.	0.	3.0226E-04	1.9344E-04
37-Rb- 98	37098.	0.	4.5745E-05	2.9277E-05
37-Rb- 99	37099.	0.	3.3766E-06	2.1610E-06
37-Rb-100	37100.	0.	2.4497E-07	1.5678E-07
37-Rb-101	37101.	0.	5.0237E-09	3.2151E-09
37-Rb-102	37102.	0.	4.4982E-10	2.8788E-10
37-Rb-103	37103.	0.	8.1709E-11	5.2294E-11
38-Sr- 83	38083.	0.	2.5597E-13	1.6382E-13
38-Sr- 84	38084.	0.	2.8397E-09	1.8174E-09
38-Sr- 85-M	38085.	1.	6.1493E-10	3.9355E-10
38-Sr- 85	38085.	0.	1.1518E-09	7.3713E-10
38-Sr- 86	38086.	0.	1.6198E-06	1.0367E-06
38-Sr- 87	38087.	0.	2.4504E-02	9.8016E-04
38-Sr- 87-M	38087.	1.	1.0099E-07	6.4633E-08
38-Sr- 88	38088.	0.	3.4296E-02	2.0578E-03
38-Sr- 89	38089.	0.	4.1226E-02	1.1543E-03
38-Sr- 90	38090.	0.	4.5927E-02	1.8371E-03
38-Sr- 91	38091.	0.	4.8136E-02	1.9254E-03

38-Sr- 92	38092.	0.	5.0629E-02	5.5692E-03
38-Sr- 93	38093.	0.	4.8936E-02	5.3830E-03
38-Sr- 94	38094.	0.	4.2239E-02	9.7150E-03
38-Sr- 95	38095.	0.	3.2195E-02	7.4049E-03
38-Sr- 96	38096.	0.	1.9503E-02	4.4857E-03
38-Sr- 97	38097.	0.	8.8926E-03	4.0017E-03
38-Sr- 98	38098.	0.	3.1946E-03	2.0445E-03
38-Sr- 99	38099.	0.	7.5535E-04	4.8343E-04
38-Sr-100	38100.	0.	1.0328E-04	6.6098E-05
38-Sr-101	38101.	0.	1.1949E-05	7.6471E-06
38-Sr-102	38102.	0.	1.0699E-06	6.8472E-07
38-Sr-103	38103.	0.	1.9434E-07	1.2438E-07
38-Sr-104	38104.	0.	6.4693E-09	4.1403E-09
38-Sr-105	38105.	0.	4.3515E-10	2.7850E-10
38-Sr-106	38106.	0.	9.1425E-11	5.8512E-11
39-Y - 85	39085.	0.	6.7792E-14	4.3387E-14
39-Y - 87	39087.	0.	3.8296E-10	2.4509E-10
39-Y - 88	39088.	0.	2.0898E-08	1.3374E-08
39-Y - 89	39089.	0.	4.1226E-02	1.1543E-03
39-Y - 89-M	39089.	1.	4.5895E-06	5.0484E-07
39-Y - 90-M	39090.	1.	5.0694E-06	3.2444E-06
39-Y - 90	39090.	0.	4.5937E-02	2.9399E-02
39-Y - 91-M	39091.	1.	2.7964E-02	1.7897E-02
39-Y - 91	39091.	0.	4.8227E-02	3.0865E-02
39-Y - 92	39092.	0.	5.1024E-02	5.6126E-03
39-Y - 93-M	39093.	1.	1.8410E-02	1.1783E-02
39-Y - 93	39093.	0.	5.1893E-02	3.3212E-02
39-Y - 94	39094.	0.	5.0683E-02	8.1092E-03
39-Y - 95	39095.	0.	5.0223E-02	4.0178E-03
39-Y - 96	39096.	0.	4.6715E-02	7.4744E-03
39-Y - 96-M	39096.	1.	2.5579E-02	5.8833E-03
39-Y - 97-M	39097.	1.	0.0000E+00	0.0000E+00
39-Y - 97	39097.	0.	3.8334E-02	8.8168E-03
39-Y - 98	39098.	0.	1.5297E-02	3.5183E-03
39-Y - 98-M	39098.	1.	1.2103E-02	2.7837E-03
39-Y - 99	39099.	0.	1.4154E-02	3.2554E-03
39-Y -100	39100.	0.	4.4342E-03	2.8379E-03
39-Y -101	39101.	0.	1.2009E-03	7.6859E-04
39-Y -102	39102.	0.	2.5652E-04	1.6417E-04
39-Y -103	39103.	0.	4.3475E-05	2.7824E-05
39-Y -104	39104.	0.	7.1892E-06	4.6011E-06
39-Y -105	39105.	0.	1.0350E-06	6.6240E-07
39-Y -106	39106.	0.	2.1745E-07	1.3917E-07
39-Y -107	39107.	0.	9.8701E-10	6.3169E-10
39-Y -108	39108.	0.	2.5686E-10	1.6439E-10
39-Y -109	39109.	0.	4.2659E-11	2.7301E-11
40-Zr- 87	40087.	0.	1.4298E-14	9.1510E-15
40-Zr- 88	40088.	0.	2.1598E-12	1.3822E-12
40-Zr- 89	40089.	0.	1.4498E-10	9.2789E-11
40-Zr- 90-M	40090.	1.	3.2296E-09	2.0670E-09
40-Zr- 90	40090.	0.	4.5937E-02	2.9399E-02
40-Zr- 91	40091.	0.	4.8227E-02	1.9291E-03
40-Zr- 92	40092.	0.	5.1027E-02	4.0822E-03
40-Zr- 93	40093.	0.	5.1932E-02	3.1159E-03
40-Zr- 94	40094.	0.	5.0970E-02	5.6068E-03
40-Zr- 95	40095.	0.	5.1735E-02	1.4486E-03
40-Zr- 96	40096.	0.	5.2030E-02	4.1624E-03
40-Zr- 97	40097.	0.	5.1414E-02	1.4396E-03

40-Zr- 98	40098.	0.	5.1350E-02	8.2160E-03
40-Zr- 99	40099.	0.	4.2888E-02	9.8642E-03
40-Zr-100	40100.	0.	2.5327E-02	5.8251E-03
40-Zr-101	40101.	0.	1.4028E-02	3.2264E-03
40-Zr-102	40102.	0.	6.5535E-03	2.9491E-03
40-Zr-103	40103.	0.	2.4920E-03	1.5948E-03
40-Zr-104	40104.	0.	7.7332E-04	4.9493E-04
40-Zr-105	40105.	0.	2.3153E-04	1.4818E-04
40-Zr-106	40106.	0.	4.8644E-05	3.1132E-05
40-Zr-107	40107.	0.	2.3476E-06	1.5024E-06
40-Zr-108	40108.	0.	6.1093E-07	3.9100E-07
40-Zr-109	40109.	0.	1.0146E-07	6.4936E-08
40-Zr-110	40110.	0.	2.6197E-09	1.6766E-09
40-Zr-111	40111.	0.	1.3978E-10	8.9457E-11
40-Zr-112	40112.	0.	2.1066E-11	1.3482E-11
41-Nb- 89	41089.	0.	0.0000E+00	0.0000E+00
41-Nb- 90	41090.	0.	4.3195E-13	2.7645E-13
41-Nb- 91	41091.	0.	3.4196E-11	2.1886E-11
41-Nb- 92	41092.	0.	1.6898E-09	1.0815E-09
41-Nb- 93	41093.	0.	5.1932E-02	3.1159E-03
41-Nb- 93-M	41093.	1.	4.9335E-02	2.9601E-03
41-Nb- 94	41094.	0.	9.9689E-07	6.3801E-07
41-Nb- 94-M	41094.	1.	2.5897E-07	1.6574E-07
41-Nb- 95	41095.	0.	5.1749E-02	1.4490E-03
41-Nb- 95-M	41095.	1.	5.1882E-04	1.4527E-05
41-Nb- 96	41096.	0.	3.5156E-05	2.1094E-06
41-Nb- 97	41097.	0.	5.5192E-02	4.4154E-03
41-Nb- 97-M	41097.	1.	4.8745E-02	1.3648E-03
41-Nb- 98	41098.	0.	5.3872E-02	8.6195E-03
41-Nb- 98-M	41098.	1.	4.4510E-04	2.8486E-04
41-Nb- 99	41099.	0.	3.0677E-02	4.9083E-03
41-Nb- 99-M	41099.	1.	2.0406E-02	6.5300E-03
41-Nb-100	41100.	0.	1.9232E-02	4.4235E-03
41-Nb-100-M	41100.	1.	1.9232E-02	4.4235E-03
41-Nb-101	41101.	0.	3.1416E-02	5.0265E-03
41-Nb-102-M	41102.	1.	9.2604E-03	5.9267E-03
41-Nb-102	41102.	0.	1.5814E-02	1.0121E-02
41-Nb-103	41103.	0.	1.8028E-02	4.1464E-03
41-Nb-104-M	41104.	1.	4.4070E-03	2.8205E-03
41-Nb-104	41104.	0.	5.1815E-03	3.3161E-03
41-Nb-105	41105.	0.	4.5195E-03	2.8925E-03
41-Nb-106	41106.	0.	1.9606E-03	1.2548E-03
41-Nb-107	41107.	0.	5.2516E-04	3.3610E-04
41-Nb-108	41108.	0.	1.2500E-04	7.9997E-05
41-Nb-109	41109.	0.	2.2697E-05	1.4526E-05
41-Nb-110	41110.	0.	2.9797E-06	1.9070E-06
41-Nb-111	41111.	0.	3.3245E-07	2.1277E-07
41-Nb-112	41112.	0.	5.0105E-08	3.2067E-08
41-Nb-113	41113.	0.	3.9300E-10	2.5152E-10
41-Nb-114	41114.	0.	5.2128E-11	3.3362E-11
42-Mo- 90	42090.	0.	0.0000E+00	0.0000E+00
42-Mo- 91	42091.	0.	0.0000E+00	0.0000E+00
42-Mo- 92	42092.	0.	7.4692E-14	4.7803E-14
42-Mo- 93-M	42093.	1.	3.0297E-12	1.9390E-12
42-Mo- 93	42093.	0.	6.0593E-12	3.8780E-12
42-Mo- 94	42094.	0.	9.9789E-07	6.3865E-07
42-Mo- 95	42095.	0.	5.1749E-02	1.4490E-03
42-Mo- 96	42096.	0.	3.5316E-05	2.1190E-06

42-Mo- 97	42097.	0.	5.5196E-02	3.3118E-03
42-Mo- 98	42098.	0.	5.4358E-02	5.9793E-03
42-Mo- 99	42099.	0.	5.1356E-02	1.4380E-03
42-Mo-100	42100.	0.	3.9491E-02	4.3440E-03
42-Mo-101	42101.	0.	3.4462E-02	7.9264E-03
42-Mo-102	42102.	0.	3.2205E-02	7.4071E-03
42-Mo-103	42103.	0.	3.0722E-02	3.3795E-03
42-Mo-104	42104.	0.	2.2370E-02	5.1451E-03
42-Mo-105	42105.	0.	1.4559E-02	4.6590E-03
42-Mo-106	42106.	0.	1.0623E-02	4.7801E-03
42-Mo-107	42107.	0.	5.6160E-03	2.5272E-03
42-Mo-108	42108.	0.	2.7536E-03	1.7623E-03
42-Mo-109	42109.	0.	1.1143E-03	7.1315E-04
42-Mo-110	42110.	0.	3.2806E-04	2.0996E-04
42-Mo-111	42111.	0.	7.4372E-05	4.7598E-05
42-Mo-112	42112.	0.	1.1209E-05	7.1736E-06
42-Mo-113	42113.	0.	9.3475E-07	5.9824E-07
42-Mo-114	42114.	0.	1.2399E-07	7.9351E-08
42-Mo-115	42115.	0.	6.2763E-10	4.0168E-10
42-Mo-116	42116.	0.	3.9296E-10	2.5149E-10
42-Mo-117	42117.	0.	5.2167E-11	3.3387E-11
43-Tc- 93	43093.	0.	0.0000E+00	0.0000E+00
43-Tc- 95	43095.	0.	7.9191E-13	5.0682E-13
43-Tc- 95-M	43095.	1.	9.7389E-14	6.2329E-14
43-Tc- 97-M	43097.	1.	1.1299E-09	7.2312E-10
43-Tc- 97	43097.	0.	2.2597E-09	1.4462E-09
43-Tc- 98	43098.	0.	5.5494E-08	3.5516E-08
43-Tc- 99	43099.	0.	5.1357E-02	1.4380E-03
43-Tc- 99-M	43099.	1.	4.5193E-02	1.2654E-03
43-Tc-100	43100.	0.	8.5890E-06	5.4970E-06
43-Tc-101	43101.	0.	3.4523E-02	5.5237E-03
43-Tc-102	43102.	0.	1.7836E-03	4.1024E-04
43-Tc-102-M	43102.	1.	3.2370E-02	5.1792E-03
43-Tc-103	43103.	0.	3.2033E-02	1.9220E-03
43-Tc-104	43104.	0.	2.4739E-02	5.6899E-03
43-Tc-105	43105.	0.	1.8621E-02	4.2829E-03
43-Tc-106	43106.	0.	1.5717E-02	1.7289E-03
43-Tc-107	43107.	0.	1.1852E-02	3.7927E-03
43-Tc-108	43108.	0.	9.4521E-03	4.2534E-03
43-Tc-109	43109.	0.	7.0925E-03	3.1916E-03
43-Tc-110	43110.	0.	4.1496E-03	2.6557E-03
43-Tc-111	43111.	0.	2.0332E-03	1.3013E-03
43-Tc-112	43112.	0.	7.0259E-04	4.4966E-04
43-Tc-113	43113.	0.	2.0911E-04	1.3383E-04
43-Tc-114	43114.	0.	4.2435E-05	2.7158E-05
43-Tc-115	43115.	0.	1.4928E-06	9.5538E-07
43-Tc-116	43116.	0.	7.5591E-07	4.8379E-07
43-Tc-117	43117.	0.	1.2408E-07	7.9410E-08
43-Tc-118	43118.	0.	1.6689E-09	1.0681E-09
43-Tc-119	43119.	0.	1.7068E-10	1.0924E-10
43-Tc-120	43120.	0.	1.3621E-11	8.7172E-12
44-Ru- 95	44095.	0.	0.0000E+00	0.0000E+00
44-Ru- 96	44096.	0.	0.0000E+00	0.0000E+00
44-Ru- 97	44097.	0.	1.0799E-13	6.9112E-14
44-Ru- 98	44098.	0.	5.5494E-08	3.5516E-08
44-Ru- 99	44099.	0.	5.1357E-02	1.4380E-03
44-Ru-100	44100.	0.	8.5990E-06	5.5034E-06
44-Ru-101	44101.	0.	3.4523E-02	3.7975E-03

44-Ru-102	44102.	0.	3.2537E-02	3.5790E-03
44-Ru-103	44103.	0.	3.2048E-02	8.9734E-04
44-Ru-104	44104.	0.	2.4789E-02	3.9662E-03
44-Ru-105	44105.	0.	1.8721E-02	2.9953E-03
44-Ru-106	44106.	0.	1.6093E-02	9.6556E-04
44-Ru-107	44107.	0.	1.2836E-02	4.1075E-03
44-Ru-108	44108.	0.	1.1691E-02	3.7410E-03
44-Ru-109-M	44109.	1.	2.1188E-03	1.3560E-03
44-Ru-109	44109.	0.	9.2308E-03	5.9077E-03
44-Ru-110	44110.	0.	9.7422E-03	3.1175E-03
44-Ru-111	44111.	0.	8.1613E-03	3.6726E-03
44-Ru-112	44112.	0.	5.4748E-03	3.5039E-03
44-Ru-113	44113.	0.	3.3946E-03	2.1725E-03
44-Ru-114	44114.	0.	1.4967E-03	9.5786E-04
44-Ru-115	44115.	0.	3.3394E-04	2.1372E-04
44-Ru-116	44116.	0.	1.3777E-04	8.8176E-05
44-Ru-117	44117.	0.	2.7757E-05	1.7764E-05
44-Ru-118	44118.	0.	3.9696E-06	2.5405E-06
44-Ru-119	44119.	0.	4.0595E-07	2.5981E-07
44-Ru-120	44120.	0.	3.2396E-08	2.0734E-08
44-Ru-121	44121.	0.	9.2066E-10	5.8922E-10
44-Ru-122	44122.	0.	6.4093E-11	4.1019E-11
44-Ru-124	44124.	0.	3.1097E-14	1.9902E-14
45-Rh- 99	45099.	0.	0.0000E+00	0.0000E+00
45-Rh-101	45101.	0.	4.2895E-12	2.7453E-12
45-Rh-101-M	45101.	1.	1.9198E-11	1.2287E-11
45-Rh-102	45102.	0.	3.5696E-10	2.2845E-10
45-Rh-102-M	45102.	1.	3.5696E-10	2.2845E-10
45-Rh-103	45103.	0.	3.2048E-02	8.9734E-04
45-Rh-103-M	45103.	1.	3.1727E-02	8.8836E-04
45-Rh-104	45104.	0.	1.0699E-07	6.8472E-08
45-Rh-104-M	45104.	1.	9.0690E-08	5.8041E-08
45-Rh-105	45105.	0.	1.8721E-02	1.1232E-03
45-Rh-105-M	45105.	1.	5.0545E-03	1.1625E-03
45-Rh-106	45106.	0.	1.6094E-02	9.6564E-04
45-Rh-106-M	45106.	1.	1.4498E-06	9.2789E-07
45-Rh-107	45107.	0.	1.2853E-02	2.9563E-03
45-Rh-108	45108.	0.	1.1735E-02	2.6990E-03
45-Rh-108-M	45108.	1.	4.4345E-05	2.8381E-05
45-Rh-109	45109.	0.	1.1726E-02	7.5049E-03
45-Rh-109-M	45109.	1.	4.8038E-03	3.0744E-03
45-Rh-110	45110.	0.	1.0277E-02	2.3638E-03
45-Rh-110-M	45110.	1.	5.3516E-04	3.4250E-04
45-Rh-111	45111.	0.	1.0668E-02	4.8006E-03
45-Rh-112	45112.	0.	1.0277E-02	1.1304E-03
45-Rh-113	45113.	0.	9.3920E-03	3.0054E-03
45-Rh-114	45114.	0.	7.3254E-03	3.2965E-03
45-Rh-115	45115.	0.	3.2439E-03	2.0761E-03
45-Rh-116	45116.	0.	2.7329E-03	1.7491E-03
45-Rh-117	45117.	0.	1.1946E-03	7.6455E-04
45-Rh-118	45118.	0.	3.8964E-04	2.4937E-04
45-Rh-119	45119.	0.	9.3159E-05	5.9622E-05
45-Rh-120	45120.	0.	1.7288E-05	1.1064E-05
45-Rh-121	45121.	0.	2.1897E-06	1.4014E-06
45-Rh-122	45122.	0.	2.0398E-07	1.3055E-07
45-Rh-123	45123.	0.	1.3199E-08	8.4470E-09
45-Rh-124	45124.	0.	6.2293E-10	3.9868E-10
45-Rh-125	45125.	0.	3.6952E-11	2.3650E-11

46-Pd- 99	46099.	0.	0.0000E+00	0.0000E+00
46-Pd-101	46101.	0.	0.0000E+00	0.0000E+00
46-Pd-102	46102.	0.	5.7193E-11	3.6604E-11
46-Pd-103	46103.	0.	1.5898E-12	1.0175E-12
46-Pd-104	46104.	0.	1.0599E-07	6.7832E-08
46-Pd-105	46105.	0.	1.8721E-02	7.4882E-04
46-Pd-106	46106.	0.	1.6096E-02	6.4382E-04
46-Pd-107	46107.	0.	1.2853E-02	1.4139E-03
46-Pd-107-M	46107.	1.	2.4197E-08	1.5486E-08
46-Pd-108	46108.	0.	1.1780E-02	1.2958E-03
46-Pd-109	46109.	0.	1.1730E-02	7.5072E-03
46-Pd-109-M	46109.	1.	2.8597E-06	1.8302E-06
46-Pd-110	46110.	0.	1.0836E-02	1.1919E-03
46-Pd-111	46111.	0.	1.0751E-02	3.4402E-03
46-Pd-111-M	46111.	1.	1.4391E-04	9.2105E-05
46-Pd-112	46112.	0.	1.0752E-02	3.0106E-04
46-Pd-113	46113.	0.	1.0871E-02	2.5003E-03
46-Pd-114	46114.	0.	1.0373E-02	3.3193E-03
46-Pd-115	46115.	0.	6.4652E-03	4.1377E-03
46-Pd-116	46116.	0.	8.7026E-03	2.7849E-03
46-Pd-117	46117.	0.	6.8336E-03	3.0751E-03
46-Pd-118	46118.	0.	4.4621E-03	2.8558E-03
46-Pd-119	46119.	0.	2.2810E-03	1.4598E-03
46-Pd-120	46120.	0.	9.2554E-04	5.9235E-04
46-Pd-121	46121.	0.	2.7005E-04	1.7283E-04
46-Pd-122	46122.	0.	6.0643E-05	3.8812E-05
46-Pd-123	46123.	0.	9.5489E-06	6.1113E-06
46-Pd-124	46124.	0.	1.1199E-06	7.1672E-07
46-Pd-125	46125.	0.	8.7890E-08	5.6250E-08
46-Pd-126	46126.	0.	6.7892E-09	4.3451E-09
46-Pd-127	46127.	0.	3.9138E-10	2.5049E-10
46-Pd-128	46128.	0.	5.7493E-11	3.6796E-11
46-Pd-130	46130.	0.	3.9596E-14	2.5341E-14
47-Ag-103	47103.	0.	0.0000E+00	0.0000E+00
47-Ag-105	47105.	0.	0.0000E+00	0.0000E+00
47-Ag-105-M	47105.	1.	0.0000E+00	0.0000E+00
47-Ag-106	47106.	0.	2.5897E-14	1.6574E-14
47-Ag-106-M	47106.	1.	1.1799E-13	7.5511E-14
47-Ag-107	47107.	0.	1.2853E-02	1.4139E-03
47-Ag-107-M	47107.	1.	4.5095E-12	2.8861E-12
47-Ag-108-M	47108.	1.	6.8992E-11	4.4155E-11
47-Ag-108	47108.	0.	7.4994E-11	4.7996E-11
47-Ag-109-M	47109.	1.	1.1724E-02	7.5036E-03
47-Ag-109	47109.	0.	1.1730E-02	7.5072E-03
47-Ag-110	47110.	0.	9.6589E-09	6.1817E-09
47-Ag-110-M	47110.	1.	4.1395E-08	2.6493E-08
47-Ag-111	47111.	0.	1.0761E-02	3.0129E-04
47-Ag-111-M	47111.	1.	1.0707E-02	1.1778E-03
47-Ag-112	47112.	0.	1.0758E-02	3.0123E-04
47-Ag-113	47113.	0.	9.7873E-03	1.0766E-03
47-Ag-113-M	47113.	1.	1.1254E-03	3.6013E-04
47-Ag-114	47114.	0.	1.0569E-02	2.4308E-03
47-Ag-115	47115.	0.	4.9482E-03	3.1669E-03
47-Ag-115-M	47115.	1.	1.9743E-03	1.2635E-03
47-Ag-116	47116.	0.	5.2490E-03	1.6797E-03
47-Ag-116-M	47116.	1.	5.2490E-03	1.6797E-03
47-Ag-117	47117.	0.	5.1866E-03	2.3340E-03
47-Ag-117-M	47117.	1.	5.1866E-03	2.3340E-03

47-Ag-118	47118.	0.	7.2065E-03	3.2429E-03
47-Ag-118-M	47118.	1.	4.9360E-03	3.1590E-03
47-Ag-119	47119.	0.	8.4571E-03	3.8057E-03
47-Ag-120-M	47120.	1.	2.7053E-03	1.7314E-03
47-Ag-120	47120.	0.	4.6318E-03	2.9643E-03
47-Ag-121	47121.	0.	3.7769E-03	2.4172E-03
47-Ag-122-M	47122.	1.	9.0897E-04	5.8174E-04
47-Ag-122	47122.	0.	9.6961E-04	6.2055E-04
47-Ag-123	47123.	0.	6.8332E-04	4.3733E-04
47-Ag-124	47124.	0.	1.8989E-04	1.2153E-04
47-Ag-125	47125.	0.	3.6206E-05	2.3172E-05
47-Ag-126	47126.	0.	6.8592E-06	4.3899E-06
47-Ag-127	47127.	0.	9.3089E-07	5.9577E-07
47-Ag-128	47128.	0.	2.2797E-07	1.4590E-07
47-Ag-129	47129.	0.	8.6348E-09	5.5263E-09
47-Ag-130	47130.	0.	9.4089E-10	6.0217E-10
47-Ag-131	47131.	0.	5.8014E-11	3.7129E-11
48-Cd-105	48105.	0.	0.0000E+00	0.0000E+00
48-Cd-106	48106.	0.	0.0000E+00	0.0000E+00
48-Cd-107	48107.	0.	0.0000E+00	0.0000E+00
48-Cd-108	48108.	0.	1.3498E-10	8.6390E-11
48-Cd-109	48109.	0.	2.7397E-13	1.7534E-13
48-Cd-110	48110.	0.	5.0394E-08	3.2252E-08
48-Cd-111	48111.	0.	1.0793E-02	3.0219E-04
48-Cd-111-M	48111.	1.	2.6597E-10	1.7022E-10
48-Cd-112	48112.	0.	1.0758E-02	8.6065E-04
48-Cd-113	48113.	0.	1.0786E-02	8.6285E-04
48-Cd-113-M	48113.	1.	1.2734E-04	1.0187E-05
48-Cd-114	48114.	0.	1.0570E-02	1.1627E-03
48-Cd-115	48115.	0.	6.3547E-03	2.5419E-04
48-Cd-115-M	48115.	1.	4.5607E-03	6.3850E-05
48-Cd-116	48116.	0.	1.0562E-02	1.1618E-03
48-Cd-117	48117.	0.	7.8187E-03	2.5020E-03
48-Cd-117-M	48117.	1.	2.8311E-03	1.2740E-03
48-Cd-118	48118.	0.	1.0800E-02	3.4561E-03
48-Cd-119	48119.	0.	5.3693E-03	2.4162E-03
48-Cd-119-M	48119.	1.	5.3693E-03	2.4162E-03
48-Cd-120	48120.	0.	1.0496E-02	4.7233E-03
48-Cd-121-M	48121.	1.	2.7619E-03	1.7676E-03
48-Cd-121	48121.	0.	6.5423E-03	4.1870E-03
48-Cd-122	48122.	0.	8.3137E-03	2.6604E-03
48-Cd-123	48123.	0.	5.9595E-03	2.6818E-03
48-Cd-124	48124.	0.	3.5385E-03	2.2647E-03
48-Cd-125	48125.	0.	1.5206E-03	9.7317E-04
48-Cd-126	48126.	0.	6.7368E-04	4.3116E-04
48-Cd-127	48127.	0.	2.0412E-04	1.3064E-04
48-Cd-128	48128.	0.	8.3331E-05	5.3332E-05
48-Cd-129	48129.	0.	2.0538E-05	1.3144E-05
48-Cd-130	48130.	0.	1.9898E-06	1.2735E-06
48-Cd-131	48131.	0.	1.3798E-07	8.8310E-08
48-Cd-132	48132.	0.	5.3394E-09	3.4172E-09
48-Cd-133	48133.	0.	2.1902E-10	1.4017E-10
48-Cd-134	48134.	0.	2.0598E-12	1.3182E-12
48-Cd-136	48136.	0.	0.0000E+00	0.0000E+00
49-In-107	49107.	0.	0.0000E+00	0.0000E+00
49-In-109	49109.	0.	0.0000E+00	0.0000E+00
49-In-111	49111.	0.	1.3399E-14	8.5750E-15
49-In-112	49112.	0.	7.9891E-13	5.1130E-13

49-In-112-M	49112.	1.	7.1092E-13	4.5499E-13
49-In-113	49113.	0.	1.0913E-02	8.7303E-04
49-In-113-M	49113.	1.	3.5296E-12	2.2589E-12
49-In-114	49114.	0.	8.3391E-10	5.3370E-10
49-In-114-M	49114.	1.	7.3092E-10	4.6779E-10
49-In-115	49115.	0.	1.0680E-02	2.9905E-04
49-In-115-M	49115.	1.	6.3552E-03	2.5421E-04
49-In-116-N	49116.	2.	7.7325E-08	4.9488E-08
49-In-116	49116.	0.	7.7325E-08	4.9488E-08
49-In-116-M	49116.	1.	1.5465E-07	9.8975E-08
49-In-117	49117.	0.	6.8246E-03	1.5697E-03
49-In-117-M	49117.	1.	7.2217E-03	2.3110E-03
49-In-118-N	49118.	2.	1.3549E-06	8.6710E-07
49-In-118	49118.	0.	1.0816E-02	2.4876E-03
49-In-118-M	49118.	1.	2.6894E-06	1.7212E-06
49-In-119	49119.	0.	5.7283E-03	1.8331E-03
49-In-119-M	49119.	1.	5.3804E-03	1.7217E-03
49-In-120-N	49120.	2.	0.0000E+00	0.0000E+00
49-In-120	49120.	0.	5.4495E-03	2.4523E-03
49-In-120-M	49120.	1.	5.4495E-03	2.4523E-03
49-In-121	49121.	0.	3.9159E-03	2.5062E-03
49-In-121-M	49121.	1.	6.6750E-03	4.2720E-03
49-In-122-N	49122.	2.	0.0000E+00	0.0000E+00
49-In-122	49122.	0.	9.8023E-03	2.2545E-03
49-In-122-M	49122.	1.	1.4886E-03	9.5272E-04
49-In-123	49123.	0.	9.2899E-03	4.1805E-03
49-In-123-M	49123.	1.	1.9517E-03	8.7827E-04
49-In-124-M	49124.	1.	3.6226E-03	2.3184E-03
49-In-124	49124.	0.	7.1611E-03	4.5831E-03
49-In-125	49125.	0.	4.5772E-03	2.9294E-03
49-In-125-M	49125.	1.	3.9689E-03	2.5401E-03
49-In-126-M	49126.	1.	4.1943E-03	2.6844E-03
49-In-126	49126.	0.	3.5207E-03	2.2532E-03
49-In-127	49127.	0.	2.3952E-03	1.5329E-03
49-In-127-M	49127.	1.	2.3952E-03	1.5329E-03
49-In-128-M	49128.	1.	1.5272E-03	9.7739E-04
49-In-128	49128.	0.	1.6104E-03	1.0307E-03
49-In-129	49129.	0.	8.3371E-04	5.3357E-04
49-In-129-M	49129.	1.	8.1316E-04	5.2042E-04
49-In-130-N	49130.	2.	0.0000E+00	0.0000E+00
49-In-130-M	49130.	1.	0.0000E+00	0.0000E+00
49-In-130	49130.	0.	3.9846E-04	2.5501E-04
49-In-131-M	49131.	1.	0.0000E+00	0.0000E+00
49-In-131	49131.	0.	7.1752E-05	4.5921E-05
49-In-132	49132.	0.	7.5391E-06	4.8250E-06
49-In-133	49133.	0.	5.2094E-07	3.3340E-07
49-In-134	49134.	0.	2.2498E-08	1.4398E-08
49-In-135	49135.	0.	7.1046E-10	4.5470E-10
49-In-136	49136.	0.	1.3299E-11	8.5110E-12
50-Sn-111	50111.	0.	0.0000E+00	0.0000E+00
50-Sn-112	50112.	0.	3.5196E-13	2.2525E-13
50-Sn-113-M	50113.	1.	0.0000E+00	0.0000E+00
50-Sn-113	50113.	0.	0.0000E+00	0.0000E+00
50-Sn-114	50114.	0.	8.1691E-10	5.2282E-10
50-Sn-115	50115.	0.	1.0915E-02	3.0563E-04
50-Sn-116	50116.	0.	2.3197E-07	1.0439E-07
50-Sn-117-M	50117.	1.	2.1840E-05	1.3977E-05
50-Sn-117	50117.	0.	1.0652E-02	6.8174E-03

50-Sn-118	50118.	0.	1.0818E-02	1.1900E-03
50-Sn-119	50119.	0.	1.0840E-02	1.1924E-03
50-Sn-119-M	50119.	1.	2.8682E-04	9.1782E-05
50-Sn-120	50120.	0.	1.0903E-02	1.1994E-03
50-Sn-121	50121.	0.	1.0436E-02	6.6788E-03
50-Sn-121-M	50121.	1.	4.6659E-04	2.9862E-04
50-Sn-122	50122.	0.	1.1459E-02	1.2605E-03
50-Sn-123	50123.	0.	5.5323E-04	3.5407E-04
50-Sn-123-M	50123.	1.	1.1363E-02	2.6135E-03
50-Sn-124	50124.	0.	1.2832E-02	1.4115E-03
50-Sn-125	50125.	0.	9.2194E-03	5.5316E-04
50-Sn-125-M	50125.	1.	5.0509E-03	2.2729E-03
50-Sn-126	50126.	0.	1.7025E-02	1.3620E-03
50-Sn-127	50127.	0.	1.3774E-02	3.1681E-03
50-Sn-127-M	50127.	1.	3.4264E-03	2.1929E-03
50-Sn-128-M	50128.	1.	6.8389E-03	4.3769E-03
50-Sn-128	50128.	0.	1.6838E-02	1.0776E-02
50-Sn-129	50129.	0.	1.3243E-02	3.0460E-03
50-Sn-129-M	50129.	1.	2.5530E-03	1.6339E-03
50-Sn-130-M	50130.	1.	4.2135E-03	2.6966E-03
50-Sn-130	50130.	0.	4.3780E-03	2.8019E-03
50-Sn-131-M	50131.	1.	1.8462E-03	1.1815E-03
50-Sn-131	50131.	0.	1.9100E-03	1.2224E-03
50-Sn-132	50132.	0.	1.0175E-03	6.5123E-04
50-Sn-133	50133.	0.	1.9070E-04	1.2205E-04
50-Sn-134	50134.	0.	2.2247E-05	1.4238E-05
50-Sn-135	50135.	0.	1.6898E-06	1.0815E-06
50-Sn-136	50136.	0.	9.1690E-08	5.8681E-08
50-Sn-137	50137.	0.	3.1596E-09	2.0222E-09
50-Sn-138	50138.	0.	1.0799E-10	6.9112E-11
51-Sb-113	51113.	0.	0.0000E+00	0.0000E+00
51-Sb-115	51115.	0.	0.0000E+00	0.0000E+00
51-Sb-117	51117.	0.	1.3298E-13	8.5110E-14
51-Sb-118	51118.	0.	1.5898E-12	1.0175E-12
51-Sb-118-M	51118.	1.	4.5295E-12	2.8989E-12
51-Sb-119	51119.	0.	1.9898E-10	1.2735E-10
51-Sb-120	51120.	0.	1.1199E-09	7.1672E-10
51-Sb-120-M	51120.	1.	3.1896E-09	2.0414E-09
51-Sb-121	51121.	0.	1.0540E-02	4.2161E-04
51-Sb-122	51122.	0.	9.9489E-07	6.3673E-07
51-Sb-122-M	51122.	1.	6.9592E-07	4.4539E-07
51-Sb-123	51123.	0.	1.1926E-02	1.3119E-03
51-Sb-124-N	51124.	2.	0.0000E+00	0.0000E+00
51-Sb-124	51124.	0.	6.8152E-05	4.3617E-05
51-Sb-124-M	51124.	1.	3.4076E-05	2.1809E-05
51-Sb-125	51125.	0.	1.4601E-02	2.3361E-03
51-Sb-126-N	51126.	2.	1.1747E-02	7.5178E-03
51-Sb-126	51126.	0.	3.3802E-03	2.7042E-04
51-Sb-126-M	51126.	1.	1.7705E-02	1.0623E-03
51-Sb-127	51127.	0.	2.1606E-02	8.6426E-04
51-Sb-128	51128.	0.	4.8436E-03	3.0999E-03
51-Sb-128-M	51128.	1.	1.9932E-02	1.2756E-02
51-Sb-129	51129.	0.	3.1484E-02	2.5187E-03
51-Sb-130	51130.	0.	1.5876E-02	1.0160E-02
51-Sb-130-M	51130.	1.	1.3176E-02	8.4324E-03
51-Sb-131	51131.	0.	2.5254E-02	8.0813E-03
51-Sb-132	51132.	0.	6.1339E-03	2.7602E-03
51-Sb-132-M	51132.	1.	9.3071E-03	4.1882E-03

51-Sb-133	51133.	0.	7.1828E-03	3.2322E-03
51-Sb-134-M	51134.	1.	1.0562E-03	6.7599E-04
51-Sb-134	51134.	0.	1.0744E-03	6.8762E-04
51-Sb-135	51135.	0.	4.1627E-04	2.6642E-04
51-Sb-136	51136.	0.	5.7674E-05	3.6911E-05
51-Sb-137	51137.	0.	5.1494E-06	3.2956E-06
51-Sb-138	51138.	0.	4.3695E-07	2.7965E-07
51-Sb-139	51139.	0.	2.4097E-08	1.5422E-08
51-Sb-140	51140.	0.	4.6243E-10	2.9596E-10
51-Sb-141	51141.	0.	4.9762E-11	3.1848E-11
52-Te-115	52115.	0.	0.0000E+00	0.0000E+00
52-Te-117	52117.	0.	0.0000E+00	0.0000E+00
52-Te-118	52118.	0.	0.0000E+00	0.0000E+00
52-Te-119	52119.	0.	0.0000E+00	0.0000E+00
52-Te-120	52120.	0.	3.9496E-13	2.5277E-13
52-Te-121-M	52121.	1.	8.0491E-12	5.1514E-12
52-Te-121	52121.	0.	1.5181E-11	9.7156E-12
52-Te-122	52122.	0.	9.6489E-07	4.3420E-07
52-Te-123	52123.	0.	1.3199E-08	8.4470E-09
52-Te-123-M	52123.	1.	1.1399E-08	7.2952E-09
52-Te-124	52124.	0.	6.8382E-05	4.3765E-05
52-Te-125	52125.	0.	1.4603E-02	1.1683E-03
52-Te-125-M	52125.	1.	3.2875E-03	5.2599E-04
52-Te-126	52126.	0.	1.8637E-02	7.4549E-04
52-Te-127	52127.	0.	2.1705E-02	6.0773E-04
52-Te-127-M	52127.	1.	3.6085E-03	2.1651E-04
52-Te-128	52128.	0.	2.4555E-02	1.9644E-03
52-Te-129	52129.	0.	3.1144E-02	2.4915E-03
52-Te-129-M	52129.	1.	7.0527E-03	2.2569E-03
52-Te-130	52130.	0.	3.5733E-02	2.8586E-03
52-Te-131	52131.	0.	2.8816E-02	6.6277E-03
52-Te-131-M	52131.	1.	1.3412E-02	4.2917E-03
52-Te-132	52132.	0.	4.0897E-02	1.6359E-03
52-Te-133	52133.	0.	1.3103E-02	4.1929E-03
52-Te-133-M	52133.	1.	2.7464E-02	6.3167E-03
52-Te-134	52134.	0.	2.4016E-02	5.5236E-03
52-Te-135	52135.	0.	1.0800E-02	2.4841E-03
52-Te-136	52136.	0.	3.5920E-03	2.2989E-03
52-Te-137	52137.	0.	7.9716E-04	5.1018E-04
52-Te-138	52138.	0.	1.6393E-04	1.0492E-04
52-Te-139	52139.	0.	2.2117E-05	1.4155E-05
52-Te-140	52140.	0.	1.0999E-06	7.0392E-07
52-Te-141	52141.	0.	1.1836E-07	7.5749E-08
52-Te-142	52142.	0.	5.5294E-09	3.5388E-09
52-Te-143	52143.	0.	3.3039E-10	2.1145E-10
53-I -121	53121.	0.	0.0000E+00	0.0000E+00
53-I -123	53123.	0.	1.6598E-12	1.0623E-12
53-I -125	53125.	0.	2.1098E-09	1.3503E-09
53-I -126	53126.	0.	5.9193E-08	3.7884E-08
53-I -127	53127.	0.	2.1792E-02	6.1018E-04
53-I -128	53128.	0.	3.6196E-06	2.3165E-06
53-I -129	53129.	0.	3.3746E-02	2.6997E-03
53-I -130	53130.	0.	2.5260E-04	1.6166E-04
53-I -130-M	53130.	1.	4.6725E-05	2.9904E-05
53-I -131	53131.	0.	4.1015E-02	1.6406E-03
53-I -132-M	53132.	1.	3.8987E-03	2.4952E-03
53-I -132	53132.	0.	4.8180E-02	3.0835E-02
53-I -133-M	53133.	1.	8.2833E-03	5.3013E-03

53-I -133	53133.	0.	5.3563E-02	3.4280E-02
53-I -134	53134.	0.	5.1932E-02	4.1546E-03
53-I -134-M	53134.	1.	1.7337E-02	3.9876E-03
53-I -135	53135.	0.	4.2183E-02	3.3746E-03
53-I -136	53136.	0.	1.5804E-02	3.6350E-03
53-I -136-M	53136.	1.	1.2264E-02	2.8208E-03
53-I -137	53137.	0.	1.3676E-02	3.1455E-03
53-I -138	53138.	0.	5.2641E-03	3.3691E-03
53-I -139	53139.	0.	1.9811E-03	1.2679E-03
53-I -140	53140.	0.	2.3550E-04	7.5361E-05
53-I -141	53141.	0.	2.6477E-05	8.4726E-06
53-I -142	53142.	0.	7.2592E-06	4.6459E-06
53-I -143	53143.	0.	7.8582E-07	5.0292E-07
53-I -144	53144.	0.	7.6848E-09	4.9182E-09
53-I -145	53145.	0.	5.9275E-10	3.7936E-10
53-I -146	53146.	0.	2.5518E-11	1.6331E-11
54-Xe-124	54124.	0.	0.0000E+00	0.0000E+00
54-Xe-125-M	54125.	1.	7.3992E-14	4.7355E-14
54-Xe-125	54125.	0.	1.4798E-13	9.4709E-14
54-Xe-126	54126.	0.	2.6097E-08	1.6702E-08
54-Xe-127-M	54127.	1.	1.6548E-10	1.0591E-10
54-Xe-127	54127.	0.	3.3096E-10	2.1182E-10
54-Xe-128	54128.	0.	3.3996E-06	2.1758E-06
54-Xe-129-M	54129.	1.	2.7497E-08	1.7598E-08
54-Xe-129	54129.	0.	3.3746E-02	2.1598E-02
54-Xe-130	54130.	0.	2.6064E-04	1.6681E-04
54-Xe-131	54131.	0.	4.1026E-02	1.1487E-03
54-Xe-131-M	54131.	1.	5.8329E-04	2.3332E-05
54-Xe-132	54132.	0.	4.8858E-02	1.3680E-03
54-Xe-133	54133.	0.	5.5282E-02	3.5380E-02
54-Xe-133-M	54133.	1.	2.9601E-03	1.8945E-03
54-Xe-134	54134.	0.	5.7054E-02	1.5975E-03
54-Xe-134-M	54134.	1.	4.2625E-03	2.7280E-03
54-Xe-135	54135.	0.	5.6683E-02	3.4010E-03
54-Xe-135-M	54135.	1.	1.6160E-02	2.5857E-03
54-Xe-136	54136.	0.	5.0734E-02	2.0294E-03
54-Xe-137	54137.	0.	3.9791E-02	1.5917E-03
54-Xe-138	54138.	0.	3.1630E-02	8.8563E-04
54-Xe-139	54139.	0.	2.0576E-02	1.6461E-03
54-Xe-140	54140.	0.	9.3449E-03	3.7379E-04
54-Xe-141	54141.	0.	2.6268E-03	2.1015E-04
54-Xe-142	54142.	0.	9.1498E-04	5.8559E-04
54-Xe-143-M	54143.	1.	8.7502E-05	5.6001E-05
54-Xe-143	54143.	0.	8.8288E-05	5.6504E-05
54-Xe-144	54144.	0.	1.8278E-05	1.1698E-05
54-Xe-145	54145.	0.	1.4098E-06	9.0230E-07
54-Xe-146	54146.	0.	6.0693E-08	3.8844E-08
54-Xe-147	54147.	0.	6.0951E-10	3.9009E-10
54-Xe-148	54148.	0.	2.6197E-11	1.6766E-11
54-Xe-150	54150.	0.	0.0000E+00	0.0000E+00
55-Cs-127	55127.	0.	1.2099E-14	7.7431E-15
55-Cs-129	55129.	0.	7.7991E-12	4.9914E-12
55-Cs-131	55131.	0.	1.0999E-08	7.0392E-09
55-Cs-132	55132.	0.	4.3695E-07	2.7965E-07
55-Cs-133	55133.	0.	5.5290E-02	3.3174E-03
55-Cs-134-M	55134.	1.	4.5410E-05	2.9062E-05
55-Cs-134	55134.	0.	9.0820E-05	5.8125E-05
55-Cs-135-M	55135.	1.	3.0266E-04	1.9370E-04

55-Cs-135	55135.	0.	5.7288E-02	3.6664E-02
55-Cs-136-M	55136.	1.	1.1299E-03	7.2312E-04
55-Cs-136	55136.	0.	2.2597E-03	1.4462E-03
55-Cs-137	55137.	0.	4.9267E-02	2.9560E-03
55-Cs-138	55138.	0.	4.3272E-02	6.9235E-03
55-Cs-138-M	55138.	1.	6.6528E-03	4.2578E-03
55-Cs-139	55139.	0.	4.4216E-02	7.0745E-03
55-Cs-140	55140.	0.	3.5383E-02	8.1381E-03
55-Cs-141	55141.	0.	2.4583E-02	5.6540E-03
55-Cs-142	55142.	0.	1.4159E-02	3.2565E-03
55-Cs-143	55143.	0.	5.8231E-03	2.6204E-03
55-Cs-144	55144.	0.	1.4979E-03	9.5862E-04
55-Cs-145	55145.	0.	2.8802E-04	1.8433E-04
55-Cs-146	55146.	0.	3.3136E-05	2.1207E-05
55-Cs-147	55147.	0.	1.4497E-06	9.2781E-07
55-Cs-148	55148.	0.	1.0599E-07	6.7832E-08
55-Cs-149	55149.	0.	1.2486E-09	7.9908E-10
55-Cs-150	55150.	0.	5.0194E-11	3.2124E-11
55-Cs-151	55151.	0.	5.9947E-12	3.8366E-12
56-Ba-129	56129.	0.	0.0000E+00	0.0000E+00
56-Ba-131	56131.	0.	9.8289E-13	6.2905E-13
56-Ba-132	56132.	0.	9.7189E-09	6.2201E-09
56-Ba-133	56133.	0.	5.7693E-09	3.6924E-09
56-Ba-134	56134.	0.	9.0990E-05	5.8233E-05
56-Ba-135-M	56135.	1.	1.4898E-06	9.5349E-07
56-Ba-135	56135.	0.	5.7291E-02	3.6666E-02
56-Ba-136-M	56136.	1.	2.6715E-04	1.7097E-04
56-Ba-136	56136.	0.	2.2879E-03	1.4642E-03
56-Ba-137	56137.	0.	4.9482E-02	1.3855E-03
56-Ba-137-M	56137.	1.	4.6782E-02	1.8713E-03
56-Ba-138	56138.	0.	4.5932E-02	2.7559E-03
56-Ba-139	56139.	0.	4.8030E-02	2.8818E-03
56-Ba-140	56140.	0.	4.4949E-02	1.2586E-03
56-Ba-141	56141.	0.	4.2976E-02	6.8762E-03
56-Ba-142	56142.	0.	3.6915E-02	5.9065E-03
56-Ba-143	56143.	0.	2.7054E-02	6.2225E-03
56-Ba-144	56144.	0.	1.4656E-02	3.3708E-03
56-Ba-145	56145.	0.	6.3086E-03	2.8389E-03
56-Ba-146	56146.	0.	1.8091E-03	1.1578E-03
56-Ba-147	56147.	0.	3.2430E-04	2.0755E-04
56-Ba-148	56148.	0.	3.9815E-05	2.5482E-05
56-Ba-149	56149.	0.	2.9697E-06	1.9006E-06
56-Ba-150	56150.	0.	1.3798E-07	8.8310E-08
56-Ba-151	56151.	0.	1.4258E-08	9.1253E-09
56-Ba-152	56152.	0.	1.1399E-10	7.2952E-11
56-Ba-153	56153.	0.	4.2459E-12	2.7174E-12
56-Ba-154	56154.	0.	1.9598E-14	1.2543E-14
57-La-133	57133.	0.	3.5896E-13	2.2973E-13
57-La-135	57135.	0.	1.3698E-09	8.7670E-10
57-La-137	57137.	0.	6.6193E-07	4.2363E-07
57-La-138	57138.	0.	7.3892E-06	4.7291E-06
57-La-139	57139.	0.	4.8097E-02	1.9239E-03
57-La-140	57140.	0.	4.5283E-02	1.2679E-03
57-La-141	57141.	0.	4.4838E-02	4.9322E-03
57-La-142	57142.	0.	4.1923E-02	4.6115E-03
57-La-143	57143.	0.	3.7517E-02	2.2510E-03
57-La-144	57144.	0.	2.9524E-02	3.2476E-03
57-La-145	57145.	0.	2.1740E-02	5.0002E-03

57-La-146-M	57146.	1.	5.4154E-03	3.4658E-03
57-La-146	57146.	0.	7.2244E-03	4.6236E-03
57-La-147	57147.	0.	5.1586E-03	3.3015E-03
57-La-148	57148.	0.	1.5323E-03	9.8068E-04
57-La-149	57149.	0.	2.9176E-04	1.8672E-04
57-La-150	57150.	0.	3.5686E-05	2.2839E-05
57-La-151	57151.	0.	3.1896E-06	2.0414E-06
57-La-152	57152.	0.	2.0898E-07	1.3375E-07
57-La-153	57153.	0.	1.0099E-08	6.4633E-09
57-La-154	57154.	0.	2.5997E-10	1.6638E-10
57-La-155	57155.	0.	6.7683E-12	4.3317E-12
58-Ce-135	58135.	0.	5.6494E-14	3.6156E-14
58-Ce-137	58137.	0.	1.8898E-10	1.2095E-10
58-Ce-138	58138.	0.	2.2198E-06	1.4206E-06
58-Ce-139	58139.	0.	1.1699E-07	7.4872E-08
58-Ce-139-M	58139.	1.	9.5689E-08	6.1241E-08
58-Ce-140	58140.	0.	4.5285E-02	1.2680E-03
58-Ce-141	58141.	0.	4.4855E-02	2.6913E-03
58-Ce-142	58142.	0.	4.2045E-02	2.5227E-03
58-Ce-143	58143.	0.	3.8147E-02	1.0681E-03
58-Ce-144	58144.	0.	3.1686E-02	8.8722E-04
58-Ce-145	58145.	0.	2.6884E-02	2.9573E-03
58-Ce-146	58146.	0.	2.1138E-02	6.7640E-03
58-Ce-147	58147.	0.	1.4044E-02	3.2300E-03
58-Ce-148	58148.	0.	8.0344E-03	3.6155E-03
58-Ce-149	58149.	0.	3.3383E-03	2.1365E-03
58-Ce-150	58150.	0.	9.7217E-04	6.2219E-04
58-Ce-151	58151.	0.	2.1819E-04	1.3964E-04
58-Ce-152	58152.	0.	3.6436E-05	2.3319E-05
58-Ce-153	58153.	0.	4.5895E-06	2.9373E-06
58-Ce-154	58154.	0.	3.0997E-07	1.9838E-07
58-Ce-155	58155.	0.	1.6098E-08	1.0303E-08
58-Ce-156	58156.	0.	6.3893E-10	4.0891E-10
58-Ce-157	58157.	0.	1.6698E-11	1.0687E-11
58-Ce-158	58158.	0.	3.1796E-13	2.0350E-13
58-Ce-160	58160.	0.	0.0000E+00	0.0000E+00
59-Pr-139	59139.	0.	1.8698E-11	1.1967E-11
59-Pr-140	59140.	0.	6.5593E-10	4.1979E-10
59-Pr-141	59141.	0.	4.4855E-02	1.7942E-03
59-Pr-142-M	59142.	1.	1.5198E-07	9.7269E-08
59-Pr-142	59142.	0.	3.0397E-07	1.9454E-07
59-Pr-143	59143.	0.	3.8151E-02	1.0682E-03
59-Pr-144	59144.	0.	3.1721E-02	8.8819E-04
59-Pr-144-M	59144.	1.	1.9102E-04	4.3934E-05
59-Pr-145	59145.	0.	2.7089E-02	1.6253E-03
59-Pr-146	59146.	0.	2.1978E-02	5.0550E-03
59-Pr-147	59147.	0.	1.6172E-02	9.7034E-04
59-Pr-148-M	59148.	1.	1.8428E-03	1.1794E-03
59-Pr-148	59148.	0.	9.8772E-03	6.3214E-03
59-Pr-149	59149.	0.	7.4233E-03	3.3405E-03
59-Pr-150	59150.	0.	3.9097E-03	1.7593E-03
59-Pr-151	59151.	0.	1.8332E-03	1.1733E-03
59-Pr-152	59152.	0.	6.9324E-04	4.4368E-04
59-Pr-153	59153.	0.	2.1049E-04	1.3471E-04
59-Pr-154	59154.	0.	3.5686E-05	2.2839E-05
59-Pr-155	59155.	0.	4.5595E-06	2.9181E-06
59-Pr-156	59156.	0.	4.6295E-07	2.9629E-07
59-Pr-157	59157.	0.	3.0697E-08	1.9646E-08

59-Pr-158	59158.	0.	1.4498E-09	9.2789E-10
59-Pr-159	59159.	0.	3.7396E-11	2.3933E-11
59-Pr-160	59160.	0.	8.4690E-13	5.4202E-13
59-Pr-161	59161.	0.	4.4982E-14	2.8788E-14
60-Nd-140	60140.	0.	2.3297E-14	1.4910E-14
60-Nd-141	60141.	0.	1.5298E-12	9.7909E-13
60-Nd-142	60142.	0.	3.0397E-07	1.9454E-07
60-Nd-143	60143.	0.	3.8151E-02	1.0682E-03
60-Nd-144	60144.	0.	3.1721E-02	8.8819E-04
60-Nd-145	60145.	0.	2.7090E-02	1.6254E-03
60-Nd-146	60146.	0.	2.1987E-02	2.4186E-03
60-Nd-147	60147.	0.	1.6232E-02	4.5448E-04
60-Nd-148	60148.	0.	1.1978E-02	1.3176E-03
60-Nd-149	60149.	0.	8.1184E-03	2.5979E-03
60-Nd-150	60150.	0.	5.1088E-03	5.6197E-04
60-Nd-151	60151.	0.	3.3848E-03	1.0831E-03
60-Nd-152	60152.	0.	2.1436E-03	9.6461E-04
60-Nd-153	60153.	0.	1.2698E-03	8.1266E-04
60-Nd-154	60154.	0.	4.6986E-04	3.0071E-04
60-Nd-155	60155.	0.	1.3526E-04	8.6569E-05
60-Nd-156	60156.	0.	3.3166E-05	2.1226E-05
60-Nd-157	60157.	0.	5.3294E-06	3.4108E-06
60-Nd-158	60158.	0.	6.1293E-07	3.9228E-07
60-Nd-159	60159.	0.	3.9696E-08	2.5405E-08
60-Nd-160	60160.	0.	2.2297E-09	1.4270E-09
60-Nd-161	60161.	0.	1.0699E-10	6.8472E-11
60-Nd-162	60162.	0.	2.6697E-12	1.7086E-12
60-Nd-163	60163.	0.	5.5594E-14	3.5580E-14
60-Nd-164	60164.	0.	0.0000E+00	0.0000E+00
61-Pm-141	61141.	0.	0.0000E+00	0.0000E+00
61-Pm-143	61143.	0.	1.2898E-13	8.2551E-14
61-Pm-144	61144.	0.	8.0191E-12	5.1322E-12
61-Pm-145	61145.	0.	3.1796E-10	2.0350E-10
61-Pm-146	61146.	0.	9.4189E-09	6.0281E-09
61-Pm-147	61147.	0.	1.6232E-02	4.5449E-04
61-Pm-148	61148.	0.	1.6698E-08	1.0687E-08
61-Pm-148-M	61148.	1.	9.4189E-08	6.0281E-08
61-Pm-149	61149.	0.	8.1319E-03	1.8703E-03
61-Pm-150	61150.	0.	9.0290E-06	5.7786E-06
61-Pm-151	61151.	0.	3.5748E-03	5.7196E-04
61-Pm-152-N	61152.	2.	1.3952E-04	8.9295E-05
61-Pm-152	61152.	0.	2.2831E-03	5.2512E-04
61-Pm-152-M	61152.	1.	1.3952E-04	8.9295E-05
61-Pm-153	61153.	0.	1.9765E-03	6.3248E-04
61-Pm-154	61154.	0.	8.0221E-04	5.1341E-04
61-Pm-154-M	61154.	1.	3.3235E-04	2.1270E-04
61-Pm-155	61155.	0.	5.7930E-04	3.7076E-04
61-Pm-156	61156.	0.	2.8940E-04	1.8521E-04
61-Pm-157	61157.	0.	1.0145E-04	6.4927E-05
61-Pm-158	61158.	0.	2.6317E-05	1.6843E-05
61-Pm-159	61159.	0.	4.0695E-06	2.6045E-06
61-Pm-160	61160.	0.	5.4794E-07	3.5068E-07
61-Pm-161	61161.	0.	6.4393E-08	4.1211E-08
61-Pm-162	61162.	0.	3.9596E-09	2.5341E-09
61-Pm-163	61163.	0.	1.9998E-10	1.2798E-10
61-Pm-164	61164.	0.	7.2792E-12	4.6587E-12
61-Pm-165	61165.	0.	1.6798E-13	1.0751E-13
61-Pm-166	61166.	0.	5.4231E-15	3.4707E-15

62-Sm-143	62143.	0.	0.0000E+00	0.0000E+00
62-Sm-143-M	62143.	1.	0.0000E+00	0.0000E+00
62-Sm-144	62144.	0.	0.0000E+00	0.0000E+00
62-Sm-145	62145.	0.	1.0799E-14	6.9112E-15
62-Sm-146	62146.	0.	3.2996E-09	2.1118E-09
62-Sm-147	62147.	0.	1.6232E-02	4.5449E-04
62-Sm-148	62148.	0.	1.0799E-07	6.9112E-08
62-Sm-149	62149.	0.	8.1319E-03	1.3011E-03
62-Sm-150	62150.	0.	9.3289E-06	5.9705E-06
62-Sm-151	62151.	0.	3.5773E-03	2.8619E-04
62-Sm-152	62152.	0.	2.5764E-03	2.8341E-04
62-Sm-153	62153.	0.	2.0354E-03	3.2566E-04
62-Sm-154	62154.	0.	1.2666E-03	2.9132E-04
62-Sm-155	62155.	0.	7.7649E-04	1.7859E-04
62-Sm-156	62156.	0.	5.4573E-04	8.7316E-05
62-Sm-157	62157.	0.	3.1368E-04	1.4116E-04
62-Sm-158	62158.	0.	1.5055E-04	9.6354E-05
62-Sm-159	62159.	0.	4.8525E-05	3.1056E-05
62-Sm-160	62160.	0.	1.4308E-05	9.1574E-06
62-Sm-161	62161.	0.	3.8596E-06	2.4701E-06
62-Sm-162	62162.	0.	5.5994E-07	3.5836E-07
62-Sm-163	62163.	0.	6.6592E-08	4.2619E-08
62-Sm-164	62164.	0.	5.9493E-09	3.8076E-09
62-Sm-165	62165.	0.	3.3896E-10	2.1693E-10
62-Sm-166	62166.	0.	1.2898E-11	8.2551E-12
62-Sm-167	62167.	0.	4.4695E-13	2.8605E-13
62-Sm-168	62168.	0.	0.0000E+00	0.0000E+00
62-Sm-169	62169.	0.	5.3390E-16	3.4169E-16
62-Sm-170	62170.	0.	0.0000E+00	0.0000E+00
63-Eu-147	63147.	0.	0.0000E+00	0.0000E+00
63-Eu-149	63149.	0.	4.6895E-12	3.0013E-12
63-Eu-151	63151.	0.	3.5773E-03	2.8619E-04
63-Eu-152-N	63152.	2.	1.6465E-08	1.0537E-08
63-Eu-152	63152.	0.	2.4697E-08	1.5806E-08
63-Eu-152-M	63152.	1.	2.4697E-08	1.5806E-08
63-Eu-153	63153.	0.	2.0359E-03	2.2395E-04
63-Eu-154-M	63154.	1.	1.5048E-06	9.6309E-07
63-Eu-154	63154.	0.	3.0097E-06	1.9262E-06
63-Eu-155	63155.	0.	7.8714E-04	8.6586E-05
63-Eu-156	63156.	0.	5.7847E-04	1.6197E-05
63-Eu-157	63157.	0.	3.7494E-04	8.6236E-05
63-Eu-158	63158.	0.	2.2853E-04	5.2563E-05
63-Eu-159	63159.	0.	1.1003E-04	3.5209E-05
63-Eu-160	63160.	0.	5.5634E-05	3.5606E-05
63-Eu-161	63161.	0.	2.8937E-05	1.8520E-05
63-Eu-162	63162.	0.	8.8490E-06	5.6634E-06
63-Eu-163	63163.	0.	2.2997E-06	1.4718E-06
63-Eu-164	63164.	0.	4.7595E-07	3.0461E-07
63-Eu-165	63165.	0.	6.4693E-08	4.1403E-08
63-Eu-166	63166.	0.	5.9993E-09	3.8396E-09
63-Eu-167	63167.	0.	5.0894E-10	3.2572E-10
63-Eu-168	63168.	0.	2.6697E-11	1.7086E-11
63-Eu-169	63169.	0.	1.2699E-12	8.1271E-13
63-Eu-170	63170.	0.	2.4197E-14	1.5486E-14
63-Eu-171	63171.	0.	7.5670E-16	4.8429E-16
64-Gd-147	64147.	0.	0.0000E+00	0.0000E+00
64-Gd-149	64149.	0.	0.0000E+00	0.0000E+00
64-Gd-151	64151.	0.	4.0595E-13	2.5981E-13

64-Gd-152	64152.	0.	2.5897E-08	1.6574E-08
64-Gd-153	64153.	0.	4.3195E-10	2.7645E-10
64-Gd-154	64154.	0.	3.0097E-06	1.9262E-06
64-Gd-155	64155.	0.	7.8720E-04	8.6592E-05
64-Gd-156	64156.	0.	5.7891E-04	1.6210E-05
64-Gd-157	64157.	0.	3.7703E-04	4.1473E-05
64-Gd-158	64158.	0.	2.3467E-04	2.5814E-05
64-Gd-159	64159.	0.	1.2103E-04	1.3313E-05
64-Gd-160	64160.	0.	7.1862E-05	7.9048E-06
64-Gd-161	64161.	0.	5.0284E-05	8.0455E-06
64-Gd-162	64162.	0.	2.4077E-05	1.0835E-05
64-Gd-163	64163.	0.	1.1069E-05	7.0840E-06
64-Gd-164	64164.	0.	4.5695E-06	2.9245E-06
64-Gd-165	64165.	0.	1.3398E-06	8.5750E-07
64-Gd-166	64166.	0.	2.8097E-07	1.7982E-07
64-Gd-167	64167.	0.	5.5994E-08	3.5836E-08
64-Gd-168	64168.	0.	7.0492E-09	4.5115E-09
64-Gd-169	64169.	0.	8.1591E-10	5.2218E-10
64-Gd-170	64170.	0.	3.8496E-11	2.4637E-11
64-Gd-171	64171.	0.	1.7998E-12	1.1519E-12
64-Gd-172	64172.	0.	9.8089E-14	6.2777E-14
65-Tb-151	65151.	0.	0.0000E+00	0.0000E+00
65-Tb-153	65153.	0.	3.3396E-14	2.1374E-14
65-Tb-155	65155.	0.	3.1097E-11	1.9902E-11
65-Tb-156	65156.	0.	5.9093E-10	3.7820E-10
65-Tb-156-M	65156.	1.	3.6496E-11	2.3357E-11
65-Tb-157	65157.	0.	7.2192E-09	4.6203E-09
65-Tb-158	65158.	0.	5.0994E-08	3.2636E-08
65-Tb-158-M	65158.	1.	3.0597E-09	1.9582E-09
65-Tb-159	65159.	0.	1.2125E-04	9.6997E-06
65-Tb-160	65160.	0.	2.1098E-07	1.3503E-07
65-Tb-161	65161.	0.	5.2584E-05	4.2067E-06
65-Tb-162	65162.	0.	2.5417E-05	5.8459E-06
65-Tb-162-M	65162.	1.	2.3097E-06	1.4782E-06
65-Tb-163	65163.	0.	1.5558E-05	3.5784E-06
65-Tb-164	65164.	0.	9.1090E-06	2.0951E-06
65-Tb-165	65165.	0.	4.3895E-06	2.8093E-06
65-Tb-166	65166.	0.	1.7298E-06	1.1071E-06
65-Tb-167	65167.	0.	7.0792E-07	4.5307E-07
65-Tb-168	65168.	0.	1.9598E-07	1.2543E-07
65-Tb-169	65169.	0.	5.2194E-08	3.3404E-08
65-Tb-170	65170.	0.	5.8293E-09	3.7308E-09
65-Tb-171	65171.	0.	6.4393E-10	4.1211E-10
65-Tb-172	65172.	0.	8.5990E-11	5.5034E-11
66-Dy-155	66155.	0.	0.0000E+00	0.0000E+00
66-Dy-156	66156.	0.	7.6491E-14	4.8954E-14
66-Dy-157	66157.	0.	2.3197E-12	1.4846E-12
66-Dy-158	66158.	0.	8.1991E-09	5.2474E-09
66-Dy-159	66159.	0.	4.3595E-10	2.7901E-10
66-Dy-160	66160.	0.	2.1498E-07	1.3758E-07
66-Dy-161	66161.	0.	5.2604E-05	4.2083E-06
66-Dy-162	66162.	0.	2.7827E-05	3.0609E-06
66-Dy-163	66163.	0.	1.5838E-05	1.7422E-06
66-Dy-164	66164.	0.	9.7589E-06	1.0735E-06
66-Dy-165	66165.	0.	5.2894E-06	1.2166E-06
66-Dy-165-M	66165.	1.	2.2597E-06	1.4462E-06
66-Dy-166	66166.	0.	2.7097E-06	2.1678E-07
66-Dy-167	66167.	0.	1.6698E-06	7.5141E-07

66-Dy-168	66168.	0.	7.9991E-07	5.1194E-07
66-Dy-169	66169.	0.	4.1495E-07	2.6557E-07
66-Dy-170	66170.	0.	9.7989E-08	6.2713E-08
66-Dy-171	66171.	0.	2.3697E-08	1.5166E-08
66-Dy-172	66172.	0.	7.3692E-09	4.7163E-09
67-Ho-159	67159.	0.	8.0591E-14	5.1578E-14
67-Ho-159-M	67159.	1.	0.0000E+00	0.0000E+00
67-Ho-161	67161.	0.	3.0497E-11	1.9518E-11
67-Ho-161-M	67161.	1.	2.1398E-12	1.3694E-12
67-Ho-162	67162.	0.	1.9898E-10	1.2735E-10
67-Ho-162-M	67162.	1.	2.3397E-10	1.4974E-10
67-Ho-163	67163.	0.	1.8798E-09	1.2031E-09
67-Ho-163-M	67163.	1.	1.3099E-10	8.3830E-11
67-Ho-164	67164.	0.	1.0199E-08	6.5273E-09
67-Ho-164-M	67164.	1.	8.3791E-09	5.3626E-09
67-Ho-165	67165.	0.	5.3794E-06	5.9173E-07
67-Ho-166	67166.	0.	2.7297E-06	2.1838E-07
67-Ho-166-M	67166.	1.	6.6592E-08	4.2619E-08
67-Ho-167	67167.	0.	1.8498E-06	4.2545E-07
67-Ho-168	67168.	0.	1.0499E-06	2.4147E-07
67-Ho-169	67169.	0.	7.4192E-07	1.7064E-07
67-Ho-170	67170.	0.	1.8798E-07	1.2031E-07
67-Ho-170-M	67170.	1.	8.9990E-08	5.7593E-08
67-Ho-171	67171.	0.	1.1999E-07	7.6791E-08
67-Ho-172	67172.	0.	7.4991E-08	4.7995E-08
68-Er-161	68161.	0.	0.0000E+00	0.0000E+00
68-Er-162	68162.	0.	7.3892E-14	4.7291E-14
68-Er-163	68163.	0.	1.1799E-12	7.5511E-13
68-Er-164	68164.	0.	5.4294E-09	3.4748E-09
68-Er-165	68165.	0.	1.3498E-10	8.6390E-11
68-Er-166	68166.	0.	2.7897E-06	2.2317E-07
68-Er-167	68167.	0.	1.8498E-06	2.0348E-07
68-Er-167-M	68167.	1.	1.8498E-07	8.3241E-08
68-Er-168	68168.	0.	1.0699E-06	1.1769E-07
68-Er-169	68169.	0.	7.7991E-07	6.2393E-08
68-Er-170	68170.	0.	3.2396E-07	3.5636E-08
68-Er-171	68171.	0.	1.7298E-07	7.7841E-08
68-Er-172	68172.	0.	1.5498E-07	2.4797E-08
69-Tm-165	69165.	0.	4.7895E-14	3.0652E-14
69-Tm-166	69166.	0.	6.5593E-13	4.1979E-13
69-Tm-167	69167.	0.	8.6090E-12	5.5098E-12
69-Tm-168	69168.	0.	6.7292E-11	4.3067E-11
69-Tm-169	69169.	0.	7.7991E-07	6.2393E-08
69-Tm-170	69170.	0.	1.3698E-09	8.7670E-10
69-Tm-171	69171.	0.	1.7598E-07	4.0475E-08
69-Tm-172	69172.	0.	1.6498E-07	2.6397E-08
70-Yb-166	70166.	0.	0.0000E+00	0.0000E+00
70-Yb-167	70167.	0.	0.0000E+00	0.0000E+00
70-Yb-168	70168.	0.	3.3296E-14	2.1310E-14
70-Yb-169	70169.	0.	5.7293E-13	3.6668E-13
70-Yb-169-M	70169.	1.	4.0096E-14	2.5661E-14
70-Yb-170	70170.	0.	1.3698E-09	8.7670E-10
70-Yb-171	70171.	0.	1.7598E-07	1.9358E-08
70-Yb-172	70172.	0.	1.6598E-07	1.3279E-08
71-Lu-169	71169.	0.	0.0000E+00	0.0000E+00
71-Lu-169-M	71169.	1.	0.0000E+00	0.0000E+00
71-Lu-171	71171.	0.	1.6998E-14	1.0879E-14
71-Lu-171-M	71171.	1.	0.0000E+00	0.0000E+00

71-Lu-172	71172.	0.	3.0796E-13	1.9710E-13
71-Lu-172-M	71172.	1.	1.5398E-13	9.8549E-14
72-Hf-171	72171.	0.	0.0000E+00	0.0000E+00
72-Hf-172	72172.	0.	0.0000E+00	0.0000E+00