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Table of Lifetimes of Nuclear Levels

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ABSTRACT

Values are presented for the lifetimes of nuclear levels, published during the period 1972-1973.

The table of lifetimes includes experimental data on direct and indirect measurements of the lifetime of excited states of atomic nuclei. It is a continuation of a table which was included in a monograph of Berlovich et al. [1] and includes data published up to the beginning of 1974. For systematizing these data we used a Minsk-32 computer, applying an information retrieval system developed by the Data Centre of the Leningrad Institute of Nuclear Physics, USSR Academy of Sciences [2].

The table contains values for the lifetimes of bound states, i.e. nuclear levels lying lower than the binding energy of the outer proton and neutron in the nucleus, and in light nuclei (up to Z = 20) also lower than the alpha-particle binding energy.

The table has nine columns: column 1 gives the serial number of the element, column 2 its chemical symbol, column 3 the mass number A of the element. Column 4 gives the energy of the excited state in MeV.

Column 5 gives the measured value: the half-life $T_{\frac{1}{2}}$, the level width Γ or the reduced probability B(EL) of the electrical transition of multipole order L.

The reduced transition probabilities B(EL) included in the table correspond to transitions correlating ground states of nuclei to excited states. The values of B(EL) are given in units of $e^2\sigma^L = e^2(10^{-24})^L$ cm^2. The values denoted EB(EL) are partially reduced transition probabilities.

The level width associated with the transition to the ground state of the nucleus is denoted by Γ_0. The partial width relative to gamma-de-excitation of the level is denoted by the symbol Γ_G and the full width by G. The symbol G in front of Γ_0 is a statistical factor and J is the level spin.

A summary of the data on half-lives $T_{\frac{1}{2}}$, level widths Γ and reduced probabilities B(EL) appears in column 6. Here the first number is the measured value and the number in parentheses the power of 10. The values for the level half-lives are given in seconds and Γ in eV.

Column 7 lists the error of measurement to the last significant figures of the result. For example, the notation 5.20(-12)28 means $(5.20 \pm 0.28) \times 10^{-12}$.

The experimental method used for obtaining the reduced value in column 7 is indicated in column 8, where the following notations are used:

ВИ – Time measurements, including the method of observing decreases in radiation activity, comparison of the number of excited nuclei with the number of their decays, the pulsed beam method, the oscilloscope and long-range alpha-particle methods; the method of delayed coincidences of electrons and gamma rays with gamma rays, and also the microwave method;

КВ – Coulomb excitation of nuclei by charged particles and heavy ions;

Р4 – Scattering of particles. This notation combines findings on inelastic scattering of heavy particles and electrons;

РР – Resonance scattering of gamma rays by nuclei;

М – Measurements based on the Mössbauer effect;

Д – Doppler effect; measurements of line width, "weakening of the Doppler shift" and measurements of nuclear recoil rates based on the Doppler shift;

П – Recoil nuclei method with measurements of recoil distance (plunger method).

Column 9 lists the reference cited. The reference symbols are decoded at the end of the paper, after the table.

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REFERENCES

[1] Eh.E. Berlovich, S.S. Vasilenko, Yu.N. Novikov, "Lifetimes of excited states of atomic nuclei", Nauka, 1972 (in Russian).

[2] I.A. Kondurov, Yu.N. Petrov et al. in "Byulleten' Tsentra Dannykh LIYaF" (Bull. of the Data Centre of the Leningrad Institute of Nuclear Physics) 1 (1974) 19 (in Russian).

3	LI	6	2.180	B(E2)	5.5(-3)		KB	72OS1835
3	LI	6	3.560	Γ	6.5	+24-17	PP	73SA0001
3	LI	7	0.477	T1/2	3.8(-14)	7	A	72CA0009
3	LI	7	0.477	T1/2	< 7(-14)		A	72BE0178
3	LI	7	0.477	T1/2	5.5(-14)	17	A	73BE0249
3	LI	7	0.4779	B(E2)	7.4(-4)	1	KB	72BA0195
3	LI	7	0.478	B(E2)	8.3(-4)	6	K	73HA0613
3	LI	8	0.981	T1/2	9.7(-15)	3	A	72CO0174
5	B	10	0.717	T1/2	> 4.1(-13)		A	72BE0178
5	B	11	2.120	Γ	2.3(-1)	9	PP	73SA0001
5	B	11	2.120	T1/2	2.0(-15)	8	PP	73SA0001
5	B	11	2.120	T1/2	< 6.9(-14)		A	72NY0175
5	B	11	2.140	T1/2	< 7(-14)		A	72BE0178
5	B	11	4.440	T1/2	< 6.9(-14)		A	72NY0175
5	B	11	4.440	Γ	5.3(-1)	21	PP	73SA0001
6	C	12	4.430	T1/2	< 3.5(-14)		A	72BE0178
6	C	12	15.109	Γ	3.70(+1)	11	P4	73CH0023
6	C	14	6.090	T1/2	< 6.9(-14)		A	72NY0175
6	C	14	6.89	T1/2	2.5(-14)	3	A	73SE0052
7	N	13		Γ	3.615(+4)	54		73CL1770
7	N	14	2.310	T1/2	5.2(-14)	13	A	72RE0470
7	N	14	2.310	T1/2	< 6.9(-14)		A	72NY0175
7	N	14	2.31	T1/2	7.9(-14)	(2)	A	73HA0289
7	N	14	3.95	T1/2	< 1.9(-14)		A	73HA0289
7	N	14	3.950	T1/2	< 1.4(-13)		A	72NY0175
7	N	14	4.910	T1/2	< 1.4(-13)		A	72NY0175
7	N	14	4.91	T1/2	< 1.9(-14)		A	73HA0289
7	N	14	5.110	T1/2	> 6.9(-12)		A	72NY0175
7	N	14	5.690	T1/2	< 8.3(-15)		A	72RE0470
7	N	14	5.690	T1/2	< 6.9(-14)		A	72NY0175
7	N	14	5.69	T1/2	< 1.5(-14)		A	73HA0289
7	N	14	5.850	T1/2	> 6.9(-12)		A	72NY0175
7	N	14	6.20	T1/2	1.40(-13)	31	A	73HA0289
7	N	14	6.44	T1/2	4.4(-13)	7	A	73HA0289
7	N	15	7.300	T1/2	< 6.9(-14)		A	72ST0353
7	N	15	8.310	T1/2	< 6.9(-14)		A	72ST0353
7	N	15	8.570	T1/2	< 6.9(-14)		A	72ST0353
7	N	15	9.050	T1/2	< 6.9(-14)		A	72ST0353
7	N	15	9.152	T1/2	< 2.7(-14)		A	72ST0353
7	N	15	9.220	T1/2	< 8.9(-14)		A	72ST0353
7	N	15	9.930	T1/2	< 6.9(-14)		A	72ST0353
7	N	17	1.850	T1/2	> 2(-12)			73BE0079
7	N	17	1.907	T1/2	> 3(-12)			73BE0079
7	N	17	2.526	T1/2	> 2(-12)			73BE0079
7	N	17	3.204	T1/2	< 2(-12)			73BE0079
7	N	17	3.629	T1/2	> 1(-12)			73BE0079
8	O	16	6.05	T1/2	6.7(-11)	5	BM	73BI0217
8	O	16	6.13	T1/2	1.84(-11)	5	BM	73BR0617
8	O	16	6.92	Γ	1.30(-1)	9	P4	73BE0609
8	O	16	9.85	Γ	8.8(-3)	17	P4	73BE0609
8	O	16	10.34	Γ	5.6(-8)	20	P4	73BE0609
8	O	16	11.52	Γ	6.1(-1)	2	P4	73BE0232
8	O	18	1.980	T1/2	2.25(-12)	37		73OL2239
8	O	18	1.982	T1/2	2.25(-12)	14		73MC0013
8	O	18	1.98216	T1/2	2.0(-12)	+6-4	A	73OL2239
8	O	18	3.550	T1/2	< 5(-12)			73OL2239
8	O	18	3.553	T1/2	> 3.5(-12)			73MC0013
8	O	18	3.55507	T1/2	> 3(-12)		A	73OL2239
8	O	18	3.630	T1/2	1.69(-12)	35		73OL2239
8	O	18	3.632	T1/2	1.01(-12)	17	A	73WA0418
8	O	18	3.632	T1/2	9.2(-13)	14		73WA0418
8	O	18	3.63450	T1/2	9.2(-13)	14	A	73OL2239
8	O	18	3.920	T1/2	1.0(-13)	6		73OL2239
8	O	18	3.9206	T1/2	1.7(-14)	7	A	73OL2239
8	O	18	4.450	T1/2	< 3.5(-14)			73OL2239
8	O	18	4.4561	T1/2	4.5(-14)	10	A	73OL2239
8	O	18	5.0985	T1/2	4.3(-14)	17	A	73OL2239

8	O	18	5.260	T1/2	< 2.4(-14)			73OL2239
8	O	18	5.2604	T1/2	8.3(-14)	20	A	73OL2239
8	O	18	5.3364	T1/2	1.4(-13)	3	A	73OL2239
8	O	18	5.3778	T1/2	< 2(-14)		A	73OL2239
8	O	18	5.52	T1/2	< 1.4(-8		BM	73BE2007
8	O	18	5.5305	T1/2	< 1.7(-14)		A	73OL2239
8	O	18	6.3513	T1/2	< 2.4(-14)		A	73OL2239
8	O	18	6.4044	T1/2	2.1(-14)	10	A	73OL2239
8	O	18	6.8816	T1/2	< 1.7(-14)		A	73OL2239
8	O	18	7.1169	T1/2	< 1.7(-14)		A	73OL2239
8	O	19	1.471	T1/2	8.80(-13)	120	A	73WA1120
8	O	19	1.471	T1/2	8.8(-13)	12	A	73WA1120
8	O	20	1.67368	T1/2	> 4(-12)		A	73WA0418
9	F	17	0.500	T1/2	2.6(-10)	2	A	72BI0784
9	F	18	1.119	T1/2	1.51(-7)	5	BM	72BE1681
9	F	18	1.125	T1/2	1.38(-7)	10.	BM	72AD0587
9	F	18	1.701	T1/2	9(-13)	3	A	73RO0289
9	F	18	1.701	T1/2	8.02(-13)	83	A	73WA0418
9	F	18	1.701	T1/2	7.2(-13)	20	A	73RO0289
9	F	18	1.701	T1/2	1.4(-12)	+20-6	A	73RO0274
9	F	18	2.523	T1/2	5.2(-13)	10	A	73RO0289
9	F	18	3.061	T1/2	< 1.0(-15)		A	72RO1791
9	F	18	3.130	T1/2	2.0(-13)	+7-4	A	72RO0312
9	F	18	3.358	T1/2	4(-13)	1	A	73RO0289
9	F	18	3.725	T1/2	3(-15)	1	A	73RO0289
9	F	18	4.361	T1/2	1.9(-14)	7	A	73RO0274
9	F	18	5.298	T1/2	2.1(-14)	4	A	73RO0289
9	F	19	0.197	B(E2)	5.2(-3)	+30-24	P4	73HA1396
9	F	19	1.346	B(E3)	6.08(-4)	+221-187	P4	73HA1396
9	F	19	1.459	GГO	2.44(-3)	22	PP	73AR1519
9	F	19	1.554	B(E2)	3.55(-3)	+39-37	P4	73HA1396
9	F	19	1.554	GГO	4.22(-3)	24	PP	73AR1519
9	F	19	1.554	T1/2	2.1(-15)	+12-11	A	72LE1245
9	F	19	2.780	T1/2	> 5.5(-14)		A	72LE1245
9	F	19	3.906	(2J+1)Г0	4(-2)	3	PP	72SH0461
9	F	19	4.052	T1/2	6.0(-14)	11	A	73RO0001
9	F	19	4.551	T1/2	2.7(-15)	+12-10	A	72LE1245
9	F	20	0.656	T1/2	2.9(-13)	4	A	73WA1120
9	F	20	0.656	T1/2	2.9(-13)	4	A	73WA1120
9	F	20	0.66	T1/2	2.7(-13)	3	A	73SE0052
9	F	20	0.984	T1/2	1.59(-12)	17	A	73WA0418
9	F	20	1.309	T1/2	1.01(-12)	17	A	73WA0418
9	F	20	1.824	T1/2	< 4.5(-14)		A	73PR0127
9	F	20	1.971	T1/2	9.7(-13)	28	A	73WA0418
9	F	20	1.972	T1/2	> 7.6(-13)		A	73PR0127
10	NE	18	3.376	T1/2	3.0(-12)	4	П	72GI0079
10	NE	18	3.576	T1/2	< 4.2(-12)		П	72GI0079
10	NE	19	4.033	T1/2	< 3.5(-14)		A	73DA0332
10	NE	19	4.140	T1/2	< 2.1(-13)		A	73DA0332
10	NE	19	4.1971	T1/2	< 2.4(-13)		A	73DA0332
10	NE	19	4.3791	T1/2	< 8(-14)		A	73DA0332
10	NE	19	4.549	T1/2	< 6(-14)		A	73DA0332
10	NE	19	4.605	T1/2	< 1.1(-13)		A	73DA0332
10	NE	19	4.65	T1/2	> 7(-13)		A	73DA0332
10	NE	20	1.625	B(E2)	2.70(-2)	35	P4	73SI2125
10	NE	20	1.652	B(E2)	3.7(-2)	3	KB	72OL0201
10	NE	20	6.72	Г	3.88(-5)		P4	73SI2125
10	NE	21	3.886	T1/2	1.6(-14)	7		72PI1286
10	NE	21	5.340	T1/2	< 2.4(-14)		A	72RO0641
10	NE	21	5.430	T1/2	< 2.4(-14)		A	72RO0641
10	NE	21	5.520	T1/2	6.9(-14)	+14-41	A	72RO0641
10	NE	21	5.550	T1/2	2.8(-14)	9	A	72RO0641
10	NE	21	5.630	T1/2	< 2.8(-14)		A	72RO0641
10	NE	21	5.680	T1/2	< 2.8(-14)		A	72RO0641
10	NE	21	5.690	T1/2	< 5.5(-14)		A	72RO0641
10	NE	21	5.780	T1/2	< 2.8(-14)		A	72RO0641
10	NE	21	5.821	T1/2	5.5(-14)	12	A	72RO0641

10	NE	21	5.823	T1/2	< 2.4(-14)		A	72R00641
10	NE	21	5.990	T1/2	< 2.4(-14)		A	72R00641
10	NE	21	6.030	T1/2	2.4(-14)	20	A	72R00641
10	NE	21	6.180	T1/2	2.4(-14)	12	A	72R00641
10	NE	21	6.270	T1/2	2.4(-14)	12	A	72R00641
10	NE	21	6.550	T1/2	< 2.4(-14)		A	72R00641
10	NE	21	6.610	T1/2	1.7(-14)	+7-17	A	72R00641
10	NE	21	6.640	T1/2	< 6.5(-14)		A	72R00641
10	NE	21	6.750	T1/2	< 2.8(-14)		A	72R00641
10	NE	22	1.275	T1/2	3.74(-12)	28	M	73AN0513
10	NE	22	1.275	T1/2	3.75(-12)	28	M	73AN0513
10	NE	22	1.275	B(E2)	2.6(-2)	2.	KB	72OL0201
10	NE	22	1.275	B(E2)	2.2(-2)	2	P4	73SI2125
10	NE	22	1.275	T1/2	4.1(-12)	8	M	72SN0204
10	NE	22	1.277	T1/2	4.1(-12)	4	M	72SZ0841
10	NE	22	3.340	T1/2	2.5(-13)	3	A	72BR0185
10	NE	24	1.99	T1/2	6.2(-13)	+25-20	A	73WA1428
10	NE	24	3.87	T1/2	< 1.2(-13)		A	73WA1428
10	NE	24	4.76	T1/2	2.3(-12)	+14-8	A	73WA1428
11	NA	21	0.332	T1/2	> 3.5(-13)		A	72DU0163
11	NA	21	1.716	T1/2	8.3(-15)	1	A	72DU0163
11	NA	21	2.423	T1/2	< 6.9(-16)		A	72DU0163
11	NA	21	3.544	T1/2	< 6.9(-16)		A	72DU0163
11	NA	21	3.679	T1/2	< 1.4(-15)		A	72DU0163
11	NA	22	0.891	T1/2	1.12(-11)	21	M	72SN0204
11	NA	22	0.891	T1/2	1.14(-11)	12	M	73HA2169
11	NA	22	1.528	T1/2	3.1(-12)	5	M	72SN0204
11	NA	22	1.528	T1/2	3.5(-12)	4	M	73HA2169
11	NA	22	1.528	T1/2	3.3(-12)	8	A	73HA2169
11	NA	22	1.528	T1/2	3.26(-12)	24	M	73AN0513
11	NA	22	1.528	T1/2	3.30(-12)	24	M	73AN0513
11	NA	22	1.984	T1/2	1.66(-12)	17	M	73AN0513
11	NA	22	1.984	T1/2	1.4(-12)	3	A	73HA2169
11	NA	22	1.984	T1/2	1.67(-12)	17	M	73AN0513
11	NA	22	2.210	T1/2	1.55(-11)	10	M	73AN0513
11	NA	22	2.210	T1/2	1.56(-11)	10	M	73AN0513
11	NA	22	2.211	T1/2	1.41(-11)	15	M	73HA2169
11	NA	22	2.572	T1/2	6.1(-12)	6	M	73HA2169
11	NA	22	3.521	T1/2	4.4(-13)	11	A	73HA2169
11	NA	22	3.708	T1/2	6(-14)	3	A	73HA2169
11	NA	22	3.708	T1/2	3.8(-11)	+28-17	A	73FR2183
11	NA	22	4.466	T1/2	1.01(-10)	+45-28	A	73FR2183
11	NA	22	4.522	T1/2	8.0(-11)	+35-24	A	73FR2183
11	NA	22	4.708	T1/2	5.5(-11)	+38-31	A	73FR2183
11	NA	23	0.4398	T1/2	1.13(-12)	14	A	73WA1385
11	NA	23	0.440	T1/2	7.6(-13)	28	A	73BE0040
11	NA	23	2.0767	T1/2	1.45(-13)	42	A	72DU0302
11	NA	23	2.077	T1/2	3.5(-14)	10	A	73FR1155
11	NA	23	2.078	T1/2	< 1.0(-1)		A	73BE0040
11	NA	23	2.080	T1/2	1.9(-14)	5	A	73ME0177
11	NA	23	2.390	T1/2	> 4(-14)		A	73BE0040
11	NA	23	2.390	T1/2	> 3.5(-13)		A	73ME0177
11	NA	23	2.3917	T1/2	1.07(-12)	28	A	72DU0302
11	NA	23	2.393	T1/2	8.3(-13)	42	A	73FR1155
11	NA	23	2.6394	T1/2	2.53(-13)	62	A	72DU0302
11	NA	23	2.640	T1/2	> 8(-14)		A	73BE0040
11	NA	23	2.640	T1/2	4.0(-14)	7	A	73ME0177
11	NA	23	2.641	T1/2	6.6(-14)	24	A	73FR1155
11	NA	23	2.700	T1/2	4.5(-14)	10	A	73ME0177
11	NA	23	2.7044	T1/2	6.93(-14)	173	A	72DU0302
11	NA	23	2.7048	T1/2	7.6(-14)	14	A	73WA1385
11	NA	23	2.705	T1/2	8.7(-14)	21	A	73FR1155
11	NA	23	2.979	(2J+1)Γ0	2.0(-1)	8	PP	72SH0461
11	NA	23	2.980	Γ0	9.29(-2)	80	PP	73AR1519
11	NA	23	2.980	T1/2	1.9(-15)	14	A	73ME0177
11	NA	23	2.9830	T1/2	< 1.7(-14)		A	72DU0302
11	NA	23	2.984	T1/2	< 7(-14)		A	73FR1155

11	NA	23	3.6789	T1/2	4.8(-14)	26	A	72DU0302
11	NA	23	3.680	T1/2	1.8(-14)	3	A	73ME0177
11	NA	23	3.681	T1/2	< 3(-14)		A	73FR1155
11	NA	23	3.848	T1/2	1.14(-13)	31	A	73FR1155
11	NA	23	3.8495	T1/2	1.18(-13)	28	A	72DU0302
11	NA	23	3.850	T1/2	6.6(-14)	21	A	73ME0177
11	NA	23	3.914	Γ	2.8(-2)	27	PP	72FR0846
11	NA	23	3.9156	T1/2	4.2(-14)	10	A	72DU0302
11	NA	23	3.916	T1/2	1.7(-14)	10	A	73FR1155
11	NA	23	3.9163	Γ	4.9(-2)	27	PP	72FR0846
11	NA	23	3.920	T1/2	7.6(-15)	21	A	73ME0177
11	NA	23	4.426	(2J+1)Γ0	5.0	8	PP	72SH0461
11	NA	23	4.430	T1/2	1.4(-15)	14	A	73ME0177
11	NA	23	4.430	T1/2	< 1.7(-14)		A	73FR1155
11	NA	23	4.4527	T1/2	< 3.1(-14)		A	72DU0302
11	NA	23	4.770	T1/2	< 1.4(-15)		A	73ME0177
11	NA	23	4.775	T1/2	< 2.4(-14)		A	73FR1155
11	NA	23	4.7762	T1/2	< 2.4(-14)		A	72DU0302
11	NA	23	5.374	T1/2	< 2.8(-14)		A	73FR1155
11	NA	23	5.3758	Γ	2.450	+480-410	PP	72FR0846
11	NA	23	5.376	(2J+1)Γ0	1.6	3	PP	72SH0461
11	NA	23	5.534	T1/2	8.3(-15)	55	A	73FR1155
11	NA	23	5.7427	Γ	1.290	+100-90	PP	72FR0846
11	NA	23	5.744	(2J+1)Γ0	3.7	7	PP	72SH0461
11	NA	23	5.768	(2J+1)Γ0	2.1	4	PP	72SH0461
11	NA	23	5.7683	Γ	6.20(-1)	+50-40	PP	72FR0846
11	NA	23	6.114	T1/2	5.2(-14)	14	A	73FR1155
11	NA	23	6.235	T1/2	1.7(-14)	8	A	73FR1155
11	NA	23	6.350	T1/2	2.1(-14)	5	A	72FR0571
11	NA	23	6.350	T1/2	2.6(-14)	8	A	73FR1155
11	NA	23	6.739	(2J+1)Γ0	1.5	3	PP	72SH0461
11	NA	23	7.074	(2J+1)Γ0	3.0	5	PP	72SH0461
11	NA	23	7.086	(2J+1)Γ0	3.4	7	PP	72SH0461
11	NA	23	7.137	(2J+1)Γ0	3.8	7	PP	72SH0461
11	NA	23	7.272	T1/2	< 2(-14)		A	73FR1155
11	NA	23	7.393	T1/2	< 1.7(-14)		A	73FR1155
11	NA	23	7.572	(2J+1)Γ0	0.7(-1)	2	PP	72SH0461
11	NA	23	7.896	(2J+1)Γ0	1.1(+1)	2	PP	72SH0461
11	NA	23	7.98	T1/2	< 2.8(-14)		A	73FR1155
11	NA	23	8.303	T1/2	< 5.9(-14)		A	73FR1155
11	NA	23	8.367	(2J+1)Γ0	1.2(+1)	2	PP	72SH0461
11	NA	23	8.652	(2J+1)Γ0	3.1	6	PP	72SH0461
11	NA	23	8.669	(2J+1)Γ0	6.5	11	PP	72SH0461
11	NA	24		T1/2	1.40(-2)	10	BM	72BR0045
12	MG	22	1.247	T1/2	6.9(-13)	+150-36	A	72RO0209
12	MG	22	3.310	T1/2	< 6.9(-11)		A	72RO0209
12	MG	22	4.400	T1/2	< 6.9(-11)		A	72RO0209
12	MG	22	5.010	T1/2	< 6.9(-11)		A	72RO0209
12	MG	22	5.040	T1/2	< 6.9(-11)		A	72RO0209
12	MG	22	5.290	T1/2	< 6.9(-11)		A	72RO0209
12	MG	22	5.320	T1/2	< 6.9(-11)		A	72RO0209
12	MG	22	5.460	T1/2	< 6.9(-11)		A	72RO0209
12	MG	22	5.710	T1/2	< 6.9(-11)		A	72RO0209
12	MG	23	0.451	T1/2	1.38(-12)	17	A	73WA1385
12	MG	23	2.712	T1/2	6(-14)	1	A	73WA1385
12	MG	24	1.369	T1/2	1.40(-12)	31	A	73LE0147
12	MG	24	1.369	T1/2	8.3(-13)	21	A	73BE0040
12	MG	24	1.369	T1/2	1.4(-12)	3	A	73LE0147
12	MG	24	1.37	T1/2	1.56(-12)	6	П	73BR0603
12	MG	24	1.370	T1/2	9.65(-13)	310	A	72ME0625
12	MG	24	1.370	T1/2	1.2(-12)	4	A	72BA0197
12	MG	24	1.370	B(E2)	3.27(-2)	35	P4	72NA0001
12	MG	24	4.120	T1/2	1.7(-14)	3	A	72ME0625
12	MG	24	4.120	T1/2	3.7(-14)	8	A	73BR0437
12	MG	24	4.120	T1/2	4.5(-14)	13	A	72BA0197
12	MG	24	4.123	T1/2	2.8(-14)	3	A	73LE0147
12	MG	24	4.123	T1/2	2.8(-14)	3	A	73LE0147

12	MG	24	4.230	T1/2	6.6(-14)	17	A	72BA0197
12	MG	24	4.230	B(E2)	2.28(-3)	37	P4	72NA0001
12	MG	24	4.238	T1/2	6.1(-14)	8	A	73LE0147
12	MG	24	4.238	T1/2	6.1(-14)	8	A	73LE0147
12	MG	24	4.240	T1/2	3.8(-14)	6	A	72ME0625
12	MG	24	5.230	T1/2	8.8(-14)	22	A	72BA0197
12	MG	24	5.235	T1/2	8.3(-14)	11	A	73LE0147
12	MG	24	5.235	T1/2	8.3(-14)	11	A	73LE0147
12	MG	24	5.240	T1/2	4.5(-14)	8	A	72ME0625
12	MG	24	6.000	B(E4)	2.87(-4)		P4	72NA0001
12	MG	24	6.010	T1/2	5.8(-14)	7	A	73LE0147
12	MG	24	6.010	T1/2	3.2(-14)	10	A	72ME0625
12	MG	24	6.010	T1/2	5.9(-14)	15	A	72BA0197
12	MG	24	6.430	T1/2	4.5(-14)	9	A	72ME0625
12	MG	24	6.433	T1/2	7.6(-14)	12	A	73LE0147
12	MG	24	6.433	T1/2	7.6(-14)	12	A	73LE0147
12	MG	24	6.440	T1/2	5.3(-14)	16	A	72BA0197
12	MG	24	7.350	T1/2	4.8(-15)	1	A	72ME0625
12	MG	24	7.350	T1/2	2.3(-14)	11	A	72BA0197
12	MG	24	7.616	T1/2	1.40(-12)	38	A	73LE0147
12	MG	24	7.620	T1/2	> 9.7(-13)		A	72ME0625
12	MG	24	7.620	T1/2	1.2(-12)	4	A	72BA0197
12	MG	24	7.747	T1/2	1.7(-14)	4	A	73LE0147
12	MG	24	7.750	T1/2	7.6(-15)	3	A	72ME0625
12	MG	24	7.813	T1/2	2.4(-14)	8	A	73LE0147
12	MG	24	8.110	T1/2	3.9(-15)	24	A	73BR0437
12	MG	24	8.360	T1/2	8.2(-14)	17	A	72BA0197
12	MG	24	8.433	T1/2	7.6(-15)	49	A	73LE0147
12	MG	24	8.437	T1/2	9.0(-15)	3	A	72ME0625
12	MG	24	8.438	T1/2	< 3.5(-15)		A	72ME0625
12	MG	24	8.650	T1/2	9.0(-15)	3	A	72ME0625
12	MG	24	8.653	T1/2	2.0(-14)	5	A	73LE0147
12	MG	24	8.860	T1/2	3.5(-15)	2	A	72ME0625
12	MG	24	8.862	T1/2	1.4(-14)	5	A	73LE0147
12	MG	24	9.280	T1/2	< 4(-15)		A	72ME0625
12	MG	24	9.300	T1/2	6.9(-15)	3	A	72ME0625
12	MG	24	9.460	T1/2	< 4(-15)		A	72ME0625
12	MG	24	9.515	T1/2	1.7(-14)	7	A	73LE0147
12	MG	24	9.520	T1/2	3.4(-14)	14	A	72BA0197
12	MG	25	0.975	T1/2	1.01(-11)	10	A	72AL2198
12	MG	25	1.610	T1/2	< 4(-14)		A	73BE0040
12	MG	26	1.8089	T1/2	4.22(-13)	69	A	72DU0302
12	MG	26	1.809	B(E2)	2.75(-2)	20	P4	73LE1116
12	MG	26	1.810	T1/2	2.8(-13)	10	A	73BE0040
12	MG	26	2.9382	T1/2	1.18(-13)	69	A	72DU0302
12	MG	26	3.5888	T1/2	1.04(-11)	+70-35	A	72DU0302
12	MG	26	3.9415	T1/2	6.7(-13)	12	A	72DU0302
12	MG	26	4.3527	T1/2	< 6.9(-14)		A	72DU0302
12	MG	26	4.3499	T1/2	1.25(-13)	21	A	72DU0302
12	MG	26	4.8552	T1/2	< 6.3(-14)		A	72DU0302
12	MG	26	4.9010	T1/2	5.9(-14)	17	A	72DU0302
12	MG	26	4.9720	T1/2	5.25(-13)	104	A	72DU0302
12	MG	26	5.2914	T1/2	< 6.9(-15)		A	72DU0302
12	MG	26	5.4737	T1/2	< 6.9(-14)		A	72DU0302
12	MG	26	5.6898	T1/2	< 3.5(-14)		A	72DU0302
12	MG	26	5.7149	T1/2	< 3.5(-14)		A	72DU0302
12	MG	27	0.9844	T1/2	9.7(-13)	2	A	72CO0132
12	MG	27	1.6981	T1/2	7.95(-13)	140	A	72CO0132
12	MG	27	1.9397	T1/2	6.1(-13)	11	A	72CO0132
12	MG	27	3.1092	T1/2	6.9(-14)	30	A	72CO0132
12	MG	27	3.4756	T1/2	< 5.5(-14)		A	72CO0132
12	MG	27	3.5581	T1/2	< 5.2(-14)		A	72CO0132
12	MG	27	3.7617	T1/2	4.4(-13)	10	A	72CO0132
12	MG	28	1.470	T1/2	1.1(-14)	1		73FI1878
12	MG	28	1.4735	T1/2	1.4(-12)	3	A	72FI0423
12	MG	28	1.4738	T1/2	1.00(-12)	22	A	72BA0891
12	MG	28	3.860	T1/2	5.2(-13)	7		73FI1878

12	MG	28	3.8627	T1/2	7.6(-13)	2	A	72FI0423
12	MG	28	3.8627	T1/2	4.8(-13)	8	A	72BA0891
12	MG	28	4.020	T1/2	1.5(-13)	5		73FI1878
12	MG	28	4.0210	T1/2	6.8(-14)	21	A	72FI0423
12	MG	28	4.021	T1/2	1.4(-13)	4	A	72BA0891
12	MG	28	4.5572	T1/2	< 3(-14)		A	72BA0891
12	MG	28	4.5573	T1/2	< 3.5(-14)		A	72FI0423
12	MG	28	4.560	T1/2	< 3(-14)			73FI1878
12	MG	28	4.877	T1/2	1.2(-13)	10	A	72BA0891
12	MG	28	4.8781	T1/2	< 8.3(-14)		A	72FI0423
12	MG	28	4.880	T1/2	< 1.2(-13)			73FI1878
12	MG	28	5.170	T1/2	6.9(-14)	21		73FI1878
12	MG	28	5.1713	T1/2	6.9(-14)	21	A	72BA0891
12	MG	28	5.1897	T1/2	< 2(-14)		A	72BA0891
12	MG	28	5.190	T1/2	< 2(-14)			73FI1878
13	AL	24	0.440	T1/2	2.28(-1)	90	BM	72DE0513
13	AL	25	0.945	T1/2	4.3(-12)	11	M	72AL2198
13	AL	25	0.945	T1/2	> 3.5(-12)		A	72PI0206
13	AL	25	1.613	T1/2	1.0(-14)	+5-4	A	72PI0206
13	AL	25	1.790	T1/2	3.4(-13)	+11-6	A	72PI0206
13	AL	26	0.417	T1/2	> 3.5(-12)		A	73G01068
13	AL	26	0.417	T1/2	> 4(-12)		A	73G01068
13	AL	26	1.0575	T1/2	< 2.4(-14)		A	72DU0302
13	AL	26	1.058	T1/2	3(-14)	1	A	73G01068
13	AL	26	1.058	T1/2	2.8(-14)	7	A	73G01068
13	AL	26	1.759	T1/2	1.7(-12)	+6-3	A	73G01068
13	AL	26	1.759	T1/2	3.9(-12)	8	M	72MA2109
13	AL	26	1.759	T1/2	1.66(-12)	+62-35	A	73G01068
13	AL	26	1.7592	T1/2	2.29(-12)	14	A	72DU0302
13	AL	26	1.851	T1/2	3.0(-14)	7	A	73G01068
13	AL	26	1.851	T1/2	3.0(-14)	8	A	73G01068
13	AL	26	2.0687	T1/2	3.63(-13)	+152-84	A	73G01068
13	AL	26	2.0687	T1/2	3.64(-13)	+152-83	A	73G01068
13	AL	26	2.0687	T1/2	2.60(-13)	42	A	72DU0302
13	AL	26	2.0695	T1/2	2.1(-14)	10	A	73G01068
13	AL	26	2.0695	T1/2	2.1(-14)	10	A	73G01068
13	AL	26	2.0715	T1/2	3.20(-13)	28	A	72DU0302
13	AL	26	2.0717	T1/2	2.7(-13)	3	A	73G01068
13	AL	26	2.0717	T1/2	2.7(-13)	3	A	73G01068
13	AL	26	2.365	T1/2	6.6(-13)	+19-14	A	73G01068
13	AL	26	2.365	T1/2	6.6(-13)	+19-14	A	73G01068
13	AL	26	2.3659	T1/2	1.40(-12)	14	A	72DU0302
13	AL	26	2.545	T1/2	5.95(-13)	+380-140	A	73G01068
13	AL	26	2.545	T1/2	6.0(-13)	+38-14	A	73G01068
13	AL	26	2.5462	T1/2	8.66(-13)	140	A	72DU0302
13	AL	26	2.661	T1/2	3.1(-12)	+35-21	A	73G01068
13	AL	26	2.661	T1/2	3.1(-12)	+35-21	A	73G01068
13	AL	26	2.741	T1/2	3.7(-14)	6	A	73G01068
13	AL	26	2.741	T1/2	3.7(-14)	6	A	73G01068
13	AL	26	2.913	T1/2	5.9(-14)	10	A	73G01068
13	AL	26	2.913	T1/2	5.9(-14)	10	A	73G01068
13	AL	26	2.9139	T1/2	< 2.8(-14)		A	72DU0302
13	AL	26	3.074	T1/2	2.0(-13)	5	A	73G01068
13	AL	26	3.074	T1/2	2.0(-13)	5	A	73G01068
13	AL	26	3.161	T1/2	2.5(-14)	7	A	73G01068
13	AL	26	3.161	T1/2	2.5(-14)	7	A	73G01068
13	AL	26	3.510	T1/2	1.6(-14)	5	A	73BR0437
13	AL	26	3.597	T1/2	3.0(-14)	12	A	72G00533
13	AL	26	3.597	T1/2	3.0(-14)	12	A	73G01068
13	AL	26	3.597	T1/2	3.0(-14)	12	A	73G01068
13	AL	26	3.680	T1/2	1.9(-14)	8	A	72G00533
13	AL	26	3.680	T1/2	1.9(-14)	8	A	73G01068
13	AL	26	3.680	T1/2	1.9(-14)	8	A	73G01068
13	AL	26	3.721	T1/2	< 1.6(-14)		A	73G01068
13	AL	26	3.721	T1/2	< 1.6(-14)		A	72G00533
13	AL	26	3.721	T1/2	< 1.6(-14)		A	73G01068
13	AL	26	3.750	T1/2	3.0(-14)	6	A	73G01068

13	AL	26	3.750	T1/2	3.0(-14)	6	A	72GO0533
13	AL	26	3.750	T1/2	3.0(-14)	6	A	73GO1063
13	AL	26	3.754	T1/2	1.9(-14)	8	A	73GO1063
13	AL	26	3.754	T1/2	1.9(-14)	8	A	73GO1063
13	AL	26	3.754	T1/2	1.9(-14)	8	A	72GO0533
13	AL	26	3.920	T1/2	1.9(-14)	6	A	73BR0437
13	AL	26	3.962	T1/2	4.7(-14)	3	A	73GO1068
13	AL	26	3.962	T1/2	4.7(-14)	10	A	72GO0533
13	AL	26	3.962	T1/2	4.7(-14)	3	A	73GO1068
13	AL	27	0.84	T1/2	3.68(-11)	17	A	73BR0603
13	AL	27	0.847	T1/2	> 3.5(-13)		A	72BE0178
13	AL	27	1.01	T1/2	1.64(-12)	8	A	73BR0603
13	AL	27	1.01	T1/2	1.46(-12)	7	A	73BR0603
13	AL	27	1.010	T1/2	1.47(-12)	13	PP	72IM0574
13	AL	27	1.014	T1/2	1.04(-12)	35	A	72BE0178
13	AL	27	2.210	Γ0	1.628(-2)	39	PP	73AR1519
13	AL	27	2.210	T1/2	4.2(-14)	14	A	72BE0178
13	AL	27	2.212	T1/2	2.71(-14)	9	PP	72ME0213
13	AL	27	2.979	Γ0	1.215(-1)	78	PP	73AR1519
13	AL	27	2.980	Γ	1.0(-1)	4	PP	73SA0001
13	AL	27	3.955	(2J+1)Γ0	2.1	5	PP	72SH0461
13	AL	27	6.654	(2J+1)Γ0	3.2	4	PP	72SH0461
13	AL	27	6.826	(2J+1)Γ0	2.4	4	PP	72SH0461
13	AL	27	7.419	(2J+1)Γ0	4.0	6	PP	72SH0461
13	AL	27	7.486	(2J+1)Γ0	8	2	PP	72SH0461
13	AL	27	7.591	(2J+1)Γ0	3.4	9	PP	72SH0461
13	AL	27	8.042	(2J+1)Γ0	6.0	10	PP	72SH0461
13	AL	28	0.972	T1/2	> 6.9(-13)		A	72MA1322
13	AL	28	1.014	T1/2	9.00(-14)	140	A	72MA1322
13	AL	28	1.373	T1/2	2.07(-13)	41	A	72MA1322
13	AL	28	1.620	T1/2	1.24(-13)	28	A	72MA1322
13	AL	28	1.623	T1/2	4.8(-14)	14	A	72MA1322
13	AL	28	2.158	T1/2	< 1(-14)		A	72MA1322
13	AL	28	2.201	T1/2	2.4(-14)	7	A	72MA1322
13	AL	28	2.273	T1/2	1.0(-14)	5	A	72MA1322
13	AL	28	2.485	T1/2	6.9(-14)	20	A	72MA1322
13	AL	28	2.581	T1/2	3.80(-13)	69	A	72MA1322
13	AL	28	2.656	T1/2	2.1(-14)	8	A	72MA1322
14	SI	28	1.1577	T1/2	3.1(-13)	+42-13	A	73NE0058
14	SI	28	1.780	B(E2)	2.80(-2)	38	P4	72NA0001
14	SI	28	4.610	B(E4)	3.56(-5)		P4	72NA0001
14	SI	28	6.880	B(E3)	2.93(-3)	23	P4	72NA0001
14	SI	28	8.413	T1/2	3.4(-13)	+4-2	A	73DA0435
14	SI	28	8.589	T1/2	7.6(-15)	17	A	73DA0435
14	SI	28	9.699	T1/2	5.5(-12)	28	BИ	72BA1282
14	SI	28	9.700	T1/2	4.9(-12)	6	A	73DA0435
14	SI	28	9.700	B(E3)	6.13(-4)	98	P4	72NA0001
14	SI	28	11.577	T1/2	2.3(-13)	7	A	73NE0127
14	SI	29	1.2732	T1/2	3.25(-13)	24	A	72BA0596
14	SI	29	2.0282	T1/2	3.40(-13)	27	A	72BA0596
14	SI	29	2.4255	T1/2	2.0(-14)	9	A	72BA0596
14	SI	29	3.0675	T1/2	1.4(-14)	+17-7	A	72BA0596
14	SI	29	3.6242	T1/2	2.90(-12)	35	A	72BA0596
14	SI	29	4.0813	T1/2	2.7(-14)	5	A	72BA0596
14	SI	29	4.742	T1/2	2.3(-14)	7	A	72BA0596
14	SI	29	4.859	T1/2	< 6.9(-15)		A	72BA0596
14	SI	29	4.896	T1/2	< 6.9(-15)		A	72BA0596
14	SI	29	4.9339	T1/2	< 6.9(-15)		A	72BA0596
14	SI	29	5.2551	T1/2	5.5(-14)	7	A	72BA0596
14	SI	29	5.286	T1/2	< 6.9(-15)		A	72BA0596
14	SI	29	5.6529	T1/2	< 1.4(-14)		A	72BA0596
14	SI	29	5.8133	T1/2	1.4(-14)	5	A	72BA0596
14	SI	29	5.9492	T1/2	< 1.0(-14)		A	72BA0596
14	SI	29	6.1076	T1/2	< 1.4(-14)		A	72BA0596
14	SI	29	6.193	T1/2	< 1.4(-14)		A	72BA0596
14	SI	29	6.381	T1/2	< 6.9(-15)		A	
14	SI	29	6.424	T1/2	< 1.4(-14)		A	

14	SI	29	6.4967	T1/2	< 2.4(-14)		A	72BA0596
14	SI	29	6.517	T1/2	< 1.0(-14)		A	72BA0596
14	SI	29	6.6162	T1/2	< 2.4(-14)		A	72BA0596
14	SI	29	6.711	T1/2	< 6.2(-14)		A	72BA0596
14	SI	29	6.7814	T1/2	< 6.9(-15)		A	72BA0596
14	SI	29	7.016	T1/2	3.3(-14)	10	A	72BA0596
14	SI	29	7.1393	T1/2	< 2.7(-14)		A	72BA0596
14	SI	30	2.2551	T1/2	2.39(-13)	+52-38	A	72GA0278
14	SI	30	3.4989	T1/2	7.0(-14)	+17-13	A	72GA0278
14	SI	30	3.7687	T1/2	1.7(-14)	+11-8	A	72GA0278
14	SI	30	3.788	T1/2	4.7(-12)	14	D	73AN0513
14	SI	30	4.8100	T1/2	8.7(-14)	+59-36	A	72GA0278
14	SI	30	4.8303	T1/2	1.14(-13)	+35-28	A	72GA0278
14	SI	30	5.2769	T1/2	6.9(-14)	+28-23	A	72GA0278
14	SI	30	5.4879	T1/2	8.3(-14)	+24-22	A	72GA0278
14	SI	30	5.6143	T1/2	< 2.1(-14)		A	72GA0278
14	SI	30	5.9493	T1/2	1.8(-14)	+8-6	A	72GA0278
14	SI	30	7.044	T1/2	1.2(-12)	+7-4	A	72GR0484
14	SI	32	1.942	T1/2	6.4(-13)	22	A	72PR2065
14	SI	32	4.234	T1/2	2.6(-13)	9	A	72PR2065
14	SI	32	4.985	T1/2	< 3.0(-13)		A	72PR2065
14	SI	32	5.290	T1/2	1.9(-13)	7	A	72PR2065
14	SI	32	5.413	T1/2	< 5.1(-14)		A	72PR2065
14	SI	32	5.772	T1/2	< 1.4(-13)		A	72PR2065
14	SI	32	5.790	T1/2	> 8.3(-13)		A	72PR2065
14	SI	32	5.956	T1/2	< 5.5(-14)		A	72PR2065
14	SI	32	6.170	T1/2	< 5.5(-14)		A	72PR2065
14	SI	32	6.196	T1/2	< 3.8(-14)		A	72PR2065
14	SI	32	6.242	T1/2	< 5.5(-14)		A	72PR2065
14	SI	32	6.385	T1/2	< 5.0(-14)		A	72PR2065
15	P	29	1.38354	T1/2	1.3(-13)	1	A	73BA1011
15	P	29	1.95396	T1/2	2.4(-13)	6	A	73BA1011
15	P	29	2.4235	T1/2	4.8(-14)	24	A	73BA1011
15	P	29	3.450	PG	< 6(-5)		A	73BA1011
15	P	29	4.0806	T1/2	9.0(-15)	35	A	73BA1011
15	P	30	0.678	T1/2	1.18(-13)	+152-55	A	72LU0063
15	P	30	0.709	T1/2	3.7(-11)	7	D	72SN0204
15	P	30	0.709	T1/2	3.7(-11)	4	D	73AN0513
15	P	30	1.453	T1/2	> 4.9(-13)		A	72LU0063
15	P	30	1.453	T1/2	< 1.0(-12)		D	73AN0513
15	P	30	1.914	T1/2	> 5.0(-13)		A	71BI0045
15	P	30	2.536	T1/2	5.5(-14)	17	A	72LU0063
15	P	30	2.723	T1/2	1.02(-13)	15	A	71BI0045
15	P	30	2.839	T1/2	> 1.6(-13)		A	72LU0063
15	P	30	2.939	T1/2	3.3(-14)	5	A	72LU0063
15	P	30	2.939	T1/2	4.9(-14)	7	A	71BI0045
15	P	30	3.020	T1/2	< 2.1(-14)		A	71BI0045
15	P	30	3.020	T1/2	< 6.9(-15)		A	72LU0063
15	P	30	3.7292	T1/2	3.8(-14)	24	A	72NO0454
15	P	30	3.8343	T1/2	2.2(-14)	+10-8	A	72NO0454
15	P	30	3.9272	T1/2	8.66(-14)	+140-90	A	72NO0454
15	P	30	4.142	T1/2	1.5(-14)	1	A	72LU0063
15	P	30	4.142	T1/2	1.7(-14)	6	A	71BI0045
15	P	30	4.1443	T1/2	3.6(-14)	+10-8	A	72NO0454
15	P	30	4.182	T1/2	< 1.4(-14)		A	71BI0045
15	P	30	4.1827	T1/2	< 1.4(-14)		A	72NO0454
15	P	30	4.2299	T1/2	5.1(-13)	6	A	72NO0454
15	P	30	4.231	T1/2	> 1.0(-12)		A	72LU0063
15	P	30	4.233	T1/2	> 9(-13)		A	71BI0045
15	P	30	4.2545	T1/2	3(-14)	2	A	72NO0454
15	P	30	4.298	T1/2	1.2(-13)	+4-3	A	72NO0454
15	P	30	4.3428	T1/2	1.28(-13)	10	A	72NO0454
15	P	30	4.420	T1/2	2.8(-14)	5	A	71BI0045
15	P	30	4.425	T1/2	1.3(-14)	5	A	72LU0063
15	P	30	4.501	T1/2	3(-15)	2	A	72LU0063
15	P	30	4.624	T1/2	1.66(-13)	27	A	72LU0063
15	P	30	4.6249	T1/2	1.5(-13)	1	A	72NO0454

15	P	30	4.627	T1/2	1.9(-13)	4	A	71BI0045
15	P	30	4.921	T1/2	> 7.6(-13)		A	72LU0063
15	P	30	4.927	T1/2	> 5.5(-13)		A	71BI0045
15	P	31	3.133	(2J+1)Γ0	6(-2)	4	PP	72SH0461
15	P	31	5.255	(2J+1)Γ0	6.8(-1)	10	PP	72SH0461
15	P	31	5.559	(2J+1)Γ0	3.7(-1)	8	PP	72SH0461
15	P	31	6.909	(2J+1)Γ0	4.3(-1)	9	PP	72SH0461
15	P	31	7.214	(2J+1)Γ0	5.7(-1)	11	PP	72SH0461
15	P	31	2234	Γ0	1.45(-3)	15	PP	73AR1519
15	P	31	3135	Γ0	6.96(-2)	39	PP	73AR1519
15	P	32	0.510	T1/2	> 1.4(-12)		A	73VA0038
15	P	32	1.1498	T1/2	1.46(-13)	30	A	73CA0705
15	P	32	1.150	T1/2	1.5(-13)	4	A	73VA0038
15	P	32	1.320	T1/2	2.4(-13)	5	A	73VA0038
15	P	32	1.3231	T1/2	4.02(-13)	38	A	73CA0705
15	P	32	1.750	T1/2	3.2(-13)	5	A	73VA0038
15	P	32	1.7546	T1/2	4.27(-13)	38	A	73CA0705
15	P	32	2.1782	T1/2	6.3(-14)	10	A	73CA0705
15	P	32	2.180	T1/2	3.6(-14)	8	A	73VA0038
15	P	32	2.219	T1/2	1.99(-13)	17	A	73CA0705
15	P	32	2.220	T1/2	1.1(-13)	4	A	73VA0038
15	P	32	2.230	T1/2	> 3.5(-14)		A	73VA0038
15	P	32	2.658	T1/2	< 3(-14)		A	73CA0705
15	P	32	2.660	T1/2	< 7(-15)		A	73VA0038
15	P	32	2.740	T1/2	4.9(-14)	3	A	73VA0038
15	P	32	2.746	T1/2	4.9(-12)	+20-12	A	73CA0705
15	P	32	3.00	T1/2	2.8(-14)	8	A	73VA0038
15	P	32	3.0054	T1/2	6.0(-14)	3	A	73CA0705
15	P	32	3.1497	T1/2	3.53(-13)	25	A	73CA0705
15	P	32	3.150	T1/2	3.7(-13)	6	A	73VA0038
15	P	32	3.260	T1/2	9.0(-14)	20	A	73VA0038
15	P	32	3.32	T1/2	1.5(-13)	3	A	73VA0038
15	P	32	3.3226	T1/2	2.50(-13)	10	A	73CA0705
15	P	32	3.443	T1/2	2.6(-13)	6	A	73VA0038
15	P	32	3.4452	T1/2	2.4(-14)	10	A	73CA0705
15	P	32	3.7959	T1/2	4.9(-14)	26	A	73CA0705
15	P	32	3.881	T1/2	1.9(-14)	15	A	73CA0705
15	P	32	3.9925	T1/2	< 7(-15)		A	73CA0705
15	P	32	4.1506	T1/2	3.6(-14)	14	A	73CA0705
15	P	33	1.430	T1/2	4.8(-13)	10	A	73PO1433
15	P	33	1.450	T1/2	4(-13)	1	A	73WA2418
15	P	33	1.850	T1/2	9.7(-13)	21	A	73PO1433
15	P	33	1.850	T1/2	5.5(-13)	10	A	73WA2418
15	P	33	2.540	T1/2	2(-14)	1	A	73PO1433
15	P	33	2.540	T1/2	4.8(-14)	8	A	73WA2418
15	P	33	3.280	T1/2	1.3(-13)	3	A	73PO1433
15	P	33	3.280	T1/2	1.5(-13)	3	A	73WA2418
15	P	33	3.490	T1/2	6(-14)	1	A	73PO1433
15	P	33	3.490	T1/2	7.6(-14)	14	A	73WA2418
15	P	33	3.650	T1/2	1.8(-13)	3	A	73PO1433
15	P	33	3.650	T1/2	1.2(-13)	6	A	73WA2418
15	P	33	4.050	T1/2	6(-14)	3	A	73PO1433
15	P	33	4.050	T1/2	5.9(-14)	21	A	73WA2418
15	P	33	4.190	T1/2	< 3(-14)		A	73PO1433
15	P	33	4.190	T1/2	1.0(-13)	3	A	73WA2418
15	P	33	4.220	T1/2	3.6(-13)	7	A	73PO1433
15	P	33	4.220	T1/2	2.7(-13)	7	A	73WA2418
15	P	33	4.860	T1/2	< 7.6(-14)		A	73PO1433
15	P	33	5.050	T1/2	< 6(-14)		A	73PO1433
15	P	33	5.190	T1/2	< 1.2(-13)		A	73PO1433
15	P	33	5.410	T1/2	< 7.6(-14)		A	73PO1433
15	P	33	5.460	T1/2	> 1.2(-12)		A	73PO1433
15	P	33	5.500	T1/2	< 6(-14)		A	73PO1433
15	P	33	5.550	T1/2	3.3(-13)	1.2	A	73PO1433
15	P	33	5.560	T1/2	< 6(-14)		A	73PO1433
15	P	33	5.670	T1/2	< 5(-14)		A	73PO1433
15	P	33	5.790	T1/2	< 4(-14)		A	73PO1433

15	P	33	5.820	T1/2	7.6(-14)	42	A	73PO1433
15	P	33	5.970	T1/2	< 6(-14)		A	73PO1433
15	P	33	6.115	T1/2	< 1.4(-13)		A	73PO1433
15	P	33	6.124	T1/2	6(-14)	4	A	73PO1433
15	P	33	6.180	T1/2	< 6(-14)		A	73PO1433
16	S	30	2.210	T1/2	2.14(-13)	52	A	72CA0001
16	S	30	2.211	T1/2	1.01(-13)	35	A	73KU0082
16	S	30	3.402	T1/2	1.10(-13)	31	A	72CA0001
16	S	30	3.403	T1/2	8.0(-14)	28	A	73KU0082
16	S	30	3.664	T1/2	> 9.7(-13)		A	72CA0001
16	S	30	3.668	T1/2	> 1.4(-12)		A	73KU0082
16	S	30	3.676	T1/2	9.7(-14)	6	A	73KU0082
16	S	30	5.156	T1/2	3.8(-14)	14	A	73KU0082
16	S	32	2.230	F0	2.68(-3)	18	PP	73AR1519
16	S	32	2.230	T1/2	1.28(-13)	52	A	72CO0644
16	S	32	3.7784	T1/2	1.01(-12)	4	A	73CA0705
16	S	32	3.780	T1/2	8.3(-13)	38	A	72CO0644
16	S	32	4.280	T1/2	2.5(-14)	5	A	72CO0644
16	S	32	4.2815	T1/2	4.4(-14)	6	A	73CA0705
16	S	32	4.697	T1/2	2.85(-13)	17	A	73CA0705
16	S	32	4.700	T1/2	1.60(-13)	38	A	72CO0644
16	S	32	5.006	T1/2	5.50(-13)	38	A	73CA0705
16	S	32	5.010	T1/2	2.42(-13)	55	A	72CO0644
16	S	32	5.410	T1/2	6.6(-14)	17	A	72CO0644
16	S	32	5.412	T1/2	1.39(-13)	17	A	73CA0705
16	S	32	5.5485	T1/2	4.6(-14)	4	A	73CA0705
16	S	32	5.550	T1/2	6.9(-14)	20	A	72CO0644
16	S	32	5.7982	T1/2	9.7(-15)	5	A	72GA0659
16	S	32	5.800	T1/2	< 7(-15)		A	73CA0705
16	S	32	5.800	T1/2	5.5(-15)	35	A	72CO0644
16	S	32	6.220	T1/2	3.8(-14)	7	A	72CO0644
16	S	32	6.226	T1/2	6.93(-14)	55	A	73CA0705
16	S	32	6.412	T1/2	2.4(-14)	4	A	73CA0705
16	S	32	6.620	T1/2	2.90(-13)	69	A	72CO0644
16	S	32	6.622	T1/2	1.05(-12)	15	A	73CA0705
16	S	32	6.670	T1/2	1.5(-14)	5	A	72CO0644
16	S	33	0.841	T1/2	1.4(-12)	2	A	73WA1120
16	S	33	0.841	T1/2	1.4(-12)	2	A	73WA1120
16	S	33	0.8411	T1/2	1.18(-12)	10	A	73CA0685
16	S	33	1.968	T1/2	1.31(-13)	11	A	73CA0685
16	S	33	2.3137	T1/2	1.37(-13)	6	A	73CA0685
16	S	33	2.8682	T1/2	2.4(-14)	8	A	73CA0685
16	S	33	2.935	T1/2	> 3.8(-12)		A	73CA0685
16	S	33	2.971	T1/2	6.5(-14)	4	A	73CA0685
16	S	33	3.221	T1/2	3.3(-14)	9	A	73CA0685
16	S	33	3.833	T1/2	3.0(-14)	3	A	73CA0685
16	S	33	3.935	T1/2	2.4(-14)	4	A	73CA0685
16	S	33	4.0498	T1/2	2.11(-13)	5	A	73CA0685
16	S	33	4.055	T1/2	1.2(-14)	8	A	73CA0685
16	S	33	4.096	T1/2	3.1(-14)	3	A	73CA0685
16	S	33	4.145	T1/2	2.4(-14)	4	A	73CA0685
16	S	33	4.212	T1/2	3.2(-14)	3	A	73CA0685
16	S	33	4.376	T1/2	2.4(-14)	8	A	73CA0685
16	S	33	4.425	T1/2	1.9(-14)	8	A	73CA0685
16	S	33	4.752	T1/2	5.7(-14)	4	A	73CA0685
16	S	33	4.748	T1/2	< 7(-15)		A	73CA0685
16	S	33	4.868	T1/2	2.50(-13)	6	A	73CA0685
16	S	33	4.918	T1/2	9.0(-14)	20	A	73CA0685
16	S	33	4.941	T1/2	2.7(-14)	9	A	73CA0685
16	S	33	5.209	T1/2	< 1.4(-14)		A	73CA0685
16	S	33	5.282	T1/2	2.1(-14)	6	A	73CA0685
16	S	34	5.689	T1/2	3.7(-11)	3	M	72WA0083
16	S	35	1.5723	T1/2	> 1.1(-12)		A	72FR0529
16	S	35	1.574	T1/2	2.3(-12)	4	A	73WA1120
16	S	35	1.574	T1/2	2.3(-12)	4	A	73WA1120
16	S	35	2.3475	T1/2	8.40(-13)	12	A	72FR0529
16	S	35	2.350	T1/2	9.0(-13)	14	A	73WA1120

16	S	35	2.350	T1/2	9.0(-13)	14	A	73WA1120
16	S	35	2.718	T1/2	6.93(-14)	24	A	72FR0529
16	S	35	4.189	T1/2	< 3.5(-14)		A	72FR0529
16	S	35	4.480	T1/2	< 6(-14)		A	72FR0529
16	S	36	3.291	T1/2	7.6(-14)	2	A	72SA1256
16	S	36	4.1925	T1/2	7.6(-13)	+4-2	A	72SA1256
16	S	36	4.5230	T1/2	1.7(-14)	8	A	72SA1256
16	S	36	4.575	T1/2	5.5(-14)	10	A	72SA1256
16	S	36	5.2512	T1/2	6.93(-14)	3	A	72SA1256
16	S	36	5.5091	T1/2	1.9(-13)	4	A	72SA1256
16	S	36	5.5731	T1/2	< 1.4(-13)		A	72SA1256
16	S	36	6.1869	T1/2	5.5(-14)	2.	A	72SA1256
16	S	36	6.2252	T1/2	< 2.1(-14)		A	72SA1256
17	CL	33	0.810	T1/2	> 1.7(-13)		A	72BI0215
17	CL	33	0.811	T1/2	1.2(-12)	2	A	73WA1120
17	CL	33	0.811	T1/2	1.2(-12)	2	A	73WA1120
17	CL	33	1.985	T1/2	6.5(-14)	+10-14	A	72BI0215
17	CL	34	1.890	T1/2	1.7(-12)	9	A	73CA0427
17	CL	34	2.160	T1/2	3(-14)	1	A	72AL0485
17	CL	34	2.160	T1/2	6.9(-14)	21	A	73CA0427
17	CL	34	2.160	T1/2	4.2(-13)	10	A	73CA0427
17	CL	34	2.377	T1/2	1.0(-13)	4	A	73AN0032
17	CL	34	2.380	T1/2	1.90(-13)	42	A	73CA0427
17	CL	34	2.580	T1/2	3.3(-14)	8	A	73CA0427
17	CL	34	2.580	T1/2	1.0(-14)	4	A	72AL0485
17	CL	34	2.610	T1/2	5.7(-13)	24	A	73CA0427
17	CL	34	2.720	T1/2	> 1.4(-12)		A	73CA0427
17	CL	34	2.722	T1/2	> 7(-13)		A	73AN0032
17	CL	34	3.150	T1/2	2.8(-14)	8	A	73CA0427
17	CL	34	3.350	T1/2	8.0(-14)	24	A	73CA0427
17	CL	34	3.380	T1/2	< 3.5(-14)		A	73CA0427
17	CL	34	3.545	T1/2	> 3.5(-13)		A	73AN0032
17	CL	34	3.550	T1/2	9.7(-14)	28	A	73CA0427
17	CL	34	3.600	T1/2	> 1.4(-12)		A	73CA0427
17	CL	34	3.601	T1/2	> 5(-13)		A	73AN0032
17	CL	34	3.630	T1/2	> 2(-12)		A	73CA0427
17	CL	34	3.770	T1/2	8.0(-14)	21	A	73CA0427
17	CL	34	3.982	T1/2	> 7(-14)		A	73AN0032
17	CL	34	4.075	T1/2	> 1.7(-13)		A	73AN0032
17	CL	34	4.080	T1/2	9.0(-13)	+118-42	A	73CA0427
17	CL	34	4.140	T1/2	1.0(-13)	4	A	73CA0427
17	CL	34	4.350	T1/2	4.5(-14)	14	A	73CA0427
17	CL	34	4.460	T1/2	1.4(-13)	4	A	73CA0427
17	CL	35	1.219	T1/2	2.0(-13)	3	A	73WA1120
17	CL	35	1.219	T1/2	1.00(-13)	14	A	73FA0185
17	CL	35	1.219	T1/2	1.42(-13)	52	A	72CA0001
17	CL	35	1.219	T1/2	2.0(-13)	3	A	73WA1120
17	CL	35	1.2194	T1/2	1.4(-13)	+6-4	A	72PO0091
17	CL	35	1.2194	T1/2	1.45(-13)	+40-30	A	72BR1298
17	CL	35	1.220	T1/2	1.49(-13)	52	A	72VA0651
17	CL	35	1.220	T1/2	1.21(-13)	14	A	72HU0502
17	CL	35	1.760	T1/2	3.5(-13)	7	A	72HU0502
17	CL	35	1.760	T1/2	1.42(-13)	52	A	72VA0651
17	CL	35	1.762	T1/2	3.7(-13)	5	A	73WA1120
17	CL	35	1.762	T1/2	3.7(-13)	5	A	73WA1120
17	CL	35	1.763	T1/2	2.80(-13)	97	A	73FA0185
17	CL	35	1.763	T1/2	3.4(-13)	7	A	72CA0001
17	CL	35	1.7632	T1/2	3.4(-13)	10	A	72PO0091
17	CL	35	1.7632	T1/2	3.4(-13)	+6-4	A	72BR1298
17	CL	35	2.6457	T1/2	1.8(-13)	4	A	72BR1298
17	CL	35	2.6457	T1/2	1.8(-13)	8	A	72PO0091
17	CL	35	2.650	T1/2	1.28(-13)	34	A	72VA0651
17	CL	35	2.650	T1/2	1.76(-13)	45	A	72HU0502
17	CL	35	2.690	T1/2	1.4(-14)	2	A	72HU0502
17	CL	35	2.690	T1/2	4.5(-14)	14	A	72VA0651
17	CL	35	2.6935	T1/2	< 8(-14)		A	72PO0091
17	CL	35	2.6935	T1/2	< 8.3(-14)		A	72BR1298

17	CL	35	2.694	T1/2	1.3(-14)	3	A	73FA0185
17	CL	35	2.695	T1/2	4.8(-14.	20	A	72BR0291
17	CL	35	3.000	T1/2	1.5(-14)	2	A	72HU0502
17	CL	35	3.000	T1/2	1.2(-14)	+18-10	A	72VA0651
17	CL	35	3.0025	T1/2	< 5.5(-14)		A	72BR1298
17	CL	35	3.0025	T1/2	< 5.6(-14)		A	72P00091
17	CL	35	3.003	T1/2	9.7(-15)	14	A	73FA0185
17	CL	35	3.003	GPD	4.35(-2)	36		73AR1519
17	CL	35	3.003	T1/2	3.3(-14)	6	A	72BR0291
17	CL	35	3.160	T1/2	> 1.4(-12)		A	72HU0502
17	CL	35	3.160	T1/2	> 1.2(-11)		A	72VA0651
17	CL	35	3.1626	T1/2	> 7.0(-12)		A	72P00091
17	CL	35	3.1626	T1/2	> 6.9(-12)		A	72BR1298
17	CL	35	3.163	T1/2	4.7(-12)	14	D	73AN0513
17	CL	35	3.163	T1/2	2.9(-11)	2	A	73BR0342
17	CL	35	3.915	T1/2	< 1.5(-14)		A	72BR0291
17	CL	35	3.920	T1/2	4.8(-15)	1	A	72HU0502
17	CL	35	3.940	T1/2	2.70(-13)	76	A	72HU0502
17	CL	35	3.942	T1/2	2.3(-13)	3	A	72BR0291
17	CL	35	3.944	T1/2	1.00(-13)	35	A	73FA0185
17	CL	35	3.967	T1/2	1.4(-14)	4	A	73FA0185
17	CL	35	3.968	T1/2	< 3.5(-14)		A	72BR0291
17	CL	35	3.970	T1/2	9(-14)	3	A	72HU0502
17	CL	35	4.058	T1/2	2.2(-14)	9	A	72BR0291
17	CL	35	4.059	T1/2	1.4(-14)	3	A	73FA0185
17	CL	35	4.060	T1/2	1.5(-14)	2	A	72HU0502
17	CL	35	4.108	T1/2	4.9(-14)	14	A	72BR0291
17	CL	35	4.170	T1/2	3.8(-14)	4	A	72HU0502
17	CL	35	4.171	T1/2	4.8(-14)	16	A	72BR0291
17	CL	35	4.178	T1/2	2.9(-14)	3	A	73FA0185
17	CL	35	4.180	T1/2	2.2(-14)	3	A	72HU0502
17	CL	35	4.343	T1/2	2.1(-12)	+10-5	A	72BR0291
17	CL	35	4.350	T1/2	> 4.1(-13)		A	72HU0502
17	CL	35	4.618	T1/2	4.1(-14)	16	A	72BR0291
17	CL	35	4.770	T1/2	1.87(-13)	66	A	72HU0502
17	CL	35	4.850	T1/2	< 4.0(-15)		A	72HU0502
17	CL	35	4.880	T1/2	4.8(-15)	14	A	72HU0502
17	CL	35	4.882	T1/2	2.0(-13)	4	A	72BR0291
17	CL	35	4.882	T1/2	5(-15)	2	A	73FA0185
17	CL	36	0.788	T1/2	> 4(-12)		A	73WA1120
17	CL	36	0.788	T1/2	2.1(-11)	1	D	73N00L37
17	CL	36	0.788	T1/2	2.1(-12)	8	A	73Y00684
17	CL	36	0.788	T1/2	> 3.5(-12)		A	73WA1120
17	CL	36	0.788	T1/2	2.2(-12)		A	72Y00485
17	CL	36	1.163	T1/2	4.9(-12)	4	D	73N00L37
17	CL	36	1.163	T1/2	> 2(-12)		A	73WA1120
17	CL	36	1.163	T1/2	2.1(-12)	8	A	73Y00684
17	CL	36	1.163	T1/2	2.3(-12)		A	72Y00485
17	CL	36	1.164	T1/2	> 2.(-12)		A	73WA1120
17	CL	36	1.600	T1/2	5.8(-13)		A	72Y00485
17	CL	36	1.601	T1/2	5.6(-13)	10	A	73Y00684
17	CL	36	1.950	T1/2	1.3(-12)		A	72Y00485
17	CL	36	1.952	T1/2	1.2(-12)	+7-3	A	73Y00684
17	CL	36	1.958	T1/2	4.5(-14)		A	72Y00485
17	CL	36	1.960	T1/2	4.2(-14)	10	A	73Y00684
17	CL	36	2.468	T1/2	1.00(-12)	12	A	73WA1120
17	CL	36	2.466	T1/2	1.00(-12)	12	A	73WA1120
17	CL	36	2.469	T1/2	3.2(-13)		A	72Y00485
17	CL	36	2.471	T1/2	3.3(-13)	4	A	73Y00684
17	CL	36	2.492	T1/2	3.8(-14)		A	72Y00485
17	CL	36	2.492	T1/2	4.2(-14)	7	A	73Y00684
17	CL	36	2.519	T1/2	5.2(-12)	+52-17	A	73Y00684
17	CL	36	2.520	T1/2	1.64(-9)	11	D	73N00137
17	CL	36	2.520	T1/2	> 3.4(-12)		A	72Y00485
17	CL	36	2.676	T1/2	< 7(-15)		A	73Y00684
17	CL	36	2.679	T1/2	< 1.2(-14)		A	72Y00485
17	CL	36	2.810	T1/2	1.9(-12)	7	A	73Y00684

17	CL	36	2.813	T1/2	1.1(-12)		A	72Y00485
17	CL	36	2.813	T1/2	6.2(-12)	4	M	73N00L37
17	CL	36	2.868	T1/2	< 1.0(-14)		A	73Y00684
17	CL	36	2.869	T1/2	< 8.3(-15)		A	72Y00485
17	CL	36	2.896	T1/2	6.0(-13)	5	A	73Y00684
17	CL	36	2.897	T1/2	6.0(-13)		A	72Y00485
17	CL	36	2.993	T1/2	6.3(-14)	8	A	73Y00684
17	CL	36	2.995	T1/2	4.5(-13)		A	72Y00485
17	CL	36	3.100	T1/2	1.5(-13)	+5-3	A	73Y00684
17	CL	36	3.101	T1/2	1.5(-13)		A	72Y00485
17	CL	36	3.204	T1/2	9.0(-14)		A	72Y00485
17	CL	36	3.205	T1/2	9.7(-14)	14	A	73Y00684
17	CL	36	3.332	T1/2	7.3(-14)	7	A	73Y00684
17	CL	36	3.352	T1/2	7.6(-14)		A	72Y00485
17	CL	36	3.473	T1/2	9.0(-15)		A	72Y00485
17	CL	36	3.473	T1/2	< 2.4(-14)		A	73Y00684
17	CL	36	3.599	T1/2	4(-14)	1	A	73Y00684
17	CL	36	3.604	T1/2	2.8(-14)		A	72Y00485
17	CL	36	3.633	T1/2	2.1(-14)	10	A	73Y00684
17	CL	36	3.635	T1/2	9.7(-15)		A	72Y00485
17	CL	36	3.662	T1/2	< 6(-14)		A	73Y00684
17	CL	36	3.665	T1/2	2.5(-14)		A	72Y00485
17	CL	36	3.723	T1/2	4.9(-14)	10	A	73Y00684
17	CL	36	3.750	T1/2	4.5(-14)		A	72Y00485
17	CL	36	3.965	T1/2	< 2(-14)		A	73Y00684
17	CL	36	3.965	T1/2	1.2(-14)		A	72Y00485
17	CL	36	3.996	T1/2	2(-14)	1	A	73Y00684
17	CL	36	3.997	T1/2	7.6(-15)		A	72Y00485
17	CL	37	1.7266	T1/2	1.2(-13)	+7-4	A	72P00091
17	CL	37	1.7266	T1/2	1.2(-13)	+3-3	A	72BR1298
17	CL	37	3.0870	T1/2	< 6.2(-14)		A	72BR1298
17	CL	37	3.0870	T1/2	< 6.0(-14)		A	72P00091
17	CL	37	3.1030	T1/2	> 7.0(-12)		A	72P00091
17	CL	37	3.1030	T1/2	> 6.9(-12)		A	72BR1298
17	CL	37	3.105	T1/2	1.9(-11)	3	A	73BR0342
17	CL	38		T1/2	4.950(-1)	20	BM	72BR0045
17	CL	38	0.755	T1/2	3.7(-13)	12	A	72EN0431
17	CL	38	0.755	T1/2	2.0(-13)	2	A	73WF1956
17	CL	38	1.309	T1/2	3.9(-13)	+10-7	A	73WE1956
17	CL	38	1.309	T1/2	6.9(-13)	+60-30	A	72EN0431
17	CL	38	1.617	T1/2	1.6(-12)	+16-6	A	72EN0431
17	CL	38	1.617	T1/2	1.53(-12)	14	A	73WA1120
17	CL	38	1.617	T1/2	1.0(-12)	+7-4	A	73WE1956
17	CL	38	1.617	T1/2	1.5(-12)	1	A	73WA1120
17	CL	38	1.692	T1/2	1.3(-12)	5	A	72EN0431
17	CL	38	1.692	T1/2	8.3(-13)	+20-14	A	73WE1956
17	CL	38	1.746	T1/2	6.9(-13)	21	A	73WE1956
17	CL	38	1.746	T1/2	1.5(-12)	+10-5	A	72EN0431
17	CL	38	1.785	T1/2	6(-14)	2	A	72EN0431
17	CL	38	1.785	T1/2	6(-14)	4	A	73WE1956
17	CL	38	1.981	T1/2	3.9(-13)	5	A	73WA1120
17	CL	38	1.981	T1/2	3.9(-13)	6	A	73WA1120
17	CL	38	1.981	T1/2	3.0(-13)	6	A	72EN0431
17	CL	38	1.981	T1/2	1.8(-13)	6	A	73WE1956
17	CL	38	2.743	T1/2	3(-14)	1	A	73WE1956
17	CL	38	2.743	T1/2	< 2(-14)		A	72EN0431
17	CL	38	3.1030	T1/2	4.859	20	BM	72BR0045
17	CL	39	0.396	T1/2	> 1.4(-12)		A	73WA0170
17	CL	39	1.301	T1/2	> 2.1(-12)		A	73WA0170
17	CL	39	1.695	T1/2	7.6(-13)	+27-35	A	73WA0170
17	CL	39	1.722	T1/2	3.0(-13)	6	A	73WA0170
17	CL	39	1.745	T1/2	9(-13)	3	A	73WA0170
17	CL	39	1.786	T1/2	> 1.4(-12)		A	73WA0170
17	CL	39	2.061	T1/2	< 3.5(-14)		A	73WA0170
17	CL	39	2.258	T1/2	5.5(-14)	3	A	73WA0170
17	CL	39	2.424	T1/2	> 1.25(-12)		A	73WA0170
17	CL	39	2.490	T1/2	7.3(-14)	30	A	73WA0170

17	CL	39	2.586	T1/2	< 2.0(-13)		A	73WA0170
17	CL	39	2.835	T1/2	> 1.2(-12)		A	73WA0170
17	CL	39	3.116	T1/2	1.5(-13)	4	A	73WA0170
17	CL	39	3.554	T1/2	< 1.4(-13)		A	73WA0170
18	AR	34	2.090	T1/2	1.04(-13)	35	A	72CA0001
18	AR	34	3.286	T1/2	8.3(-14)	45	A	72CA0001
18	AR	34	4.513	T1/2	2.1(-13)	5	A	72CA0001
18	AR	36	1.970	T1/2	2.42(-13)	83	A	72H00481
18	AR	36	1.97039	T1/2	2.41(-13)	8	A	72H00195
18	AR	36	4.178	T1/2	< 6(-12)		П	73NOL137
18	AR	36	4.178	T1/2	> 2(-12)		A	73WA1120
18	AR	36	4.178	T1/2	> 2(-12)		A	73WA1120
18	AR	36	4.17833	T1/2	> 1.2(-12)		A	72H00195
18	AR	36	4.180	T1/2	> 1.2(-12)		A	72H00481
18	AR	36	4.410	T1/2	5.9(-14)	12	A	72H00481
18	AR	36	4.41436	T1/2	5.9(-14)	12	A	72H00195
18	AR	36	4.440	T1/2	6.9(-14)	27	A	72H00481
18	AR	36	4.950	T1/2	< 4.8(-14)		A	72H00481
18	AR	36	4.970	T1/2	> 6.9(-13)		A	72H00481
18	AR	36	5.100	T1/2	> 5.9(-13)		A	72H00481
18	AR	36	5.171	T1/2	8.8(-11)	4	П	73NOL137
18	AR	36	5.17114	T1/2	> 5.9(-13)		A	72H00195
18	AR	36	5.840	T1/2	5.5(-15)	2	A	72H00481
18	AR	36	5.860	T1/2	2.36(-13)	118	A	72H00481
18	AR	36	5.900	T1/2	2.77(-13)	+970-140	A	72H00481
18	AR	36	6.2171	T1/2	1.94(-13)	62	A	72H00195
18	AR	36	6.240	T1/2	1.94(-13)	62	A	72H00481
18	AR	36	6.30	T1/2	3.1(-13)	10	A	73H00405
18	AR	36	6.610	T1/2	1.6(-14)	13	A	72H00481
18	AR	36	6.855	T1/2	> 5.5(-13)		A	72H00481
18	AR	36	6.856	T1/2	1.59(-13)	55	A	72H00481
18	AR	36	7.156	T1/2	< 1.8(-14)		A	72H00481
18	AR	36	7.140	T1/2	6.93(-14)	350	A	72H00481
18	AR	36	7.250	T1/2	< 2.1(-14)		A	72H00481
18	AR	36	7.260	T1/2	< 1.3(-14)		A	72H00481
18	AR	36	7.340	T1/2	1.0(-14)	5	A	72H00481
18	AR	36	7.350	T1/2	1.32(-13)	62	A	72H00481
18	AR	36	7.3540	T1/2	1.32(-13)	62	A	72H00195
18	AR	36	7.430	T1/2	3.5(-14)*	+42-27	A	72H00481
18	AR	36	7.570	T1/2	2.1(-13)	69	A	72H00481
18	AR	37	1.4098	T1/2	8.42(-13)	10	A	72LU0196
18	AR	37	1.4098	T1/2	4.30(-13)	128	A	73KR0530
18	AR	37	1.4098	T1/2	8.5(-13)	10	A	72P00091
18	AR	37	1.410	T1/2	6.5(-13)	+12-7	A	72W00279
18	AR	37	1.610	T1/2	4.66(-9)	16	BИ	71RA1185
18	AR	37	1.611	T1/2	> 2.1(-12)		A	72W00279
18	AR	37	1.6113	T1/2	> 3.5(-12)		A	72P00091
18	AR	37	1.6113	T1/2	> 6.9(-12)		A	72LU0196
18	AR	37	1.612	T1/2	4.48(-9)	15	П	73VE1039
18	AR	37	2.217	T1/2	3.46(-13)	48	A	72W00279
18	AR	37	2.2171	T1/2	6.3(-13)	6	A	72P00091
18	AR	37	2.2171	T1/2	6.3(-13)	12	A	72LU0196
18	AR	37	2.2172	T1/2	3.76(-13)	101	A	73KR0530
18	AR	37	2.488	T1/2	4.60(-13)	+173-110	A	72W00279
18	AR	37	2.490	T1/2	7.2(-13)	13	A	72LU0196
18	AR	37	2.4900	T1/2	7.2(-13)	13	A	72P00091
18	AR	37	2.4903	T1/2	5.25(-13)	118	A	73KR0530
18	AR	37	2.795	T1/2	1.5(-14)	10	A	72W00279
18	AR	37	2.7955	T1/2	< 3(-14)		A	72P00091
18	AR	37	2.7955	T1/2	< 2.8(-14)		A	72LU0196
18	AR	37	2.7961	T1/2	1.6(-14)	5	A	73KR0530
18	AR	37	3.1697	T1/2	6.9(-14)	14	A	72P00091
18	AR	37	3.1698	T1/2	5.6(-14)	10	A	73KR0530
18	AR	37	3.170	T1/2	6.9(-14)	1	A	72LU0196
18	AR	37	3.1849	T1/2	2.1(-13)	3	A	72P00091
18	AR	37	3.185	T1/2	1.97(-13)	42	A	72W00279
18	AR	37	3.1858	T1/2	2.1(-13)	5	A	73KR0530

18	AR	37	3.186	T1/2	2.1(-13)	4	A	72LU0196
18	AR	37	3.2716	T1/2	4.2(-14)	14	A	72P00091
18	AR	37	3.2720	T1/2	2.6(-14)	10	A	73KR0530
18	AR	37	3.272	T1/2	4.1(-14)	14	A	72LU0196
18	AR	37	3.274	T1/2	3.5(-14)	14	A	72W00279
18	AR	37	3.5159	T1/2	< 2.8(-14)		A	72P00091
18	AR	37	3.516	T1/2	< 3.5(-14)		A	72LU0196
18	AR	37	3.5161	T1/2	6.5(-14)	25	A	73KR0530
18	AR	37	3.5257	T1/2	4(-13)	2	A	72P00091
18	AR	37	3.5259	T1/2	> 7.7(-13)		A	73KR0530
18	AR	37	3.526	T1/2	4(-13)	2	A	72LU0196
18	AR	37	3.6030	T1/2	< 4(-14)		A	72P00091
18	AR	37	3.605	T1/2	< 5.5(-14)		A	72LU0196
18	AR	37	3.6051	T1/2	5.7(-14)	17	A	73KR0530
18	AR	38	3.377	T1/2	1.9(-11)	2	П	72KE0403
18	AR	38	3.377	T1/2	2.3(-11)	3	П	72BA0529
18	AR	38	4.480	T1/2	1.1(-12)	+8-3	А	72BA0529
18	AR	38	4.485	T1/2	1.48(-10)	10		72LI0001
18	AR	38	4.585	T1/2	1.31(-10)	25	A	73GR0168
18	AR	38	4.585	T1/2	1.19(-10)	5	П	72KE0403
18	AR	38	4.585	T1/2	1.36(-10)	7	П	72BA0529
18	AR	38	4.585	T1/2	1.56(-10)	14	П	72LI0001
18	AR	38	4.585	T1/2	1.62(-10)	28	A	72LI0001
18	AR	40	2.120	T1/2	1.0(-10)	1	ВИ	72HE0791
18	AR	40	2.524	T1/2	3.8(-13)	7	A	72P00091
18	AR	40	2.892	T1/2	> 2(-12)		A	72P00091
18	AR	40	3.207	T1/2	< 1.5(-13)		A	72P00091
19	K	37	1.380	T1/2	1.082(-8)	43	ВИ	71RA1135
19	K	38	0.4588	T1/2	> 3(-12)		A	73HA2240
19	K	38	1.6982	T1/2	4.5(-14)	12	A	73HA2240
19	K	38	2.4014	T1/2	6.2(-14)	17	A	73HA2240
19	K	38	2.6129	T1/2	6(-12)	+5-1	A	73HA2240
19	K	38	2.6463	T1/2	> 8(-12)		A	73HA2240
19	K	38	2.829	T1/2	1.9(-13)	5	A	73HA2240
19	K	38	2.8699	T1/2	3.1(-12)	8	A	73HA2240
19	K	38	2.963	T1/2	< 6.9(-13)			72HA1261
19	K	38	2.9932	T1/2	1.5(-13)	4	A	73HA2240
19	K	38	3.3146	T1/2	1.70(-12)	29	A	73HA2240
19	K	38	3.3415	T1/2	< 3.8(-14)		A	73HA2240
19	K	38	3.6683	T1/2	< 1.0(-13)		A	73HA2240
19	K	38	3.7254	T1/2	< 8(-14)		A	73HA2240
19	K	38	3.8485	T1/2	< 3.8(-14)		A	73HA2240
19	K	39	2.810	T1/2	4.4(-11)	7	A	73KE0193
19	K	39	2.815	T1/2	5.5(-11)	5	П	72B00873
19	K	39	3.598	T1/2	4.1(-11)	3	П	72B00873
19	K	39	3.600	T1/2	4.2(-11)	6	A	73KE0193
19	K	39	3.9389	T1/2	6.2(-14)	14	A	72DU1723
19	K	39	3.9427	T1/2	8.3(-13)	28	A	72DU1723
19	K	39	4.5141	T1/2	2.8(-14)	12	A	72DU1723
19	K	39	4.5205	T1/2	1.20(-13)	31	A	72DU1723
19	K	40	0.800	T1/2	3.3(-13)	4	A	73WE1956
19	K	40	0.891	T1/2	9.7(-13)	10	A	73WE1956
19	K	40	1.640	T1/2	2.94(-7)	23	ВИ	72AD0587
19	K	40	1.959	T1/2	8.3(-13)	5	A	72P00091
19	K	40	1.959	T1/2	6.5(-13)	10	A	73WE1956
19	K	40	2.047	T1/2	3.5(-13)	4	A	73WE1956
19	K	40	2.047	T1/2	5.2(-13)	3	A	72P00091
19	K	40	2.070	T1/2	7.4(-13)	8	A	72P00091
19	K	40	2.070	T1/2	4.0(-13)	7	A	73WE1956
19	K	40	2.103	T1/2	4.9(-13)	7	A	73WE1956
19	K	40	2.103	T1/2	6.4(-13)	5	A	72P00091
19	K	40	2.261	T1/2	1.4(-13)	3	A	72P00091
19	K	40	2.261	T1/2	5.6(-14)	10	A	73WE1956
19	K	40	2.290	T1/2	9.7(-14)	14	A	73WE1956
19	K	40	2.290	T1/2	2.1(-13)	3	A	72P00091
19	K	40	2.291	T1/2	2.7(-13)	3	A	72P00091
19	K	40	2.291	T1/2	1.7(-13)	3	A	73WE1956

19	K	40	2.397	T1/2	4(-14)	1	A	73WE1956
19	K	40	2.397	T1/2	< 1(-13)		A	72P00091
19	K	40	2.419	T1/2	1.42(-12)	42	A	72P00091
19	K	40	2.419	T1/2	3.5(-13)	+21-10	A	73WE1956
19	K	40	2.542	T1/2	> 2(-12)		A	73WE1956
19	K	40	2.542	T1/2	1.0(-9)	1	A	73HA2240
19	K	40	2.543	T1/2	1.0(-9)	2		73DA0844
19	K	40	2.575	T1/2	1.2(-13)	4	A	73WE1956
19	K	40	2.576	T1/2	2.1(-13)	4	A	72P00091
19	K	40	2.626	T1/2	2.2(-13)	3	A	73WE1956
19	K	40	2.626	T1/2	3.0(-13)	6	A	72P00091
19	K	40	2.731	T1/2	< 5.5(-14)		A	73WE1956
19	K	40	2.747	T1/2	1.1(-13)	6	A	72P00091
19	K	40	2.756	T1/2	< 7.5(-14)		A	72P00091
19	K	40	2.787	T1/2	6(-14)	2	A	73WE1956
19	K	40	3.110	T1/2	< 9.7(-14)		A	73WE1956
19	K	40	3.228	T1/2	3(-14)	2	A	73WE1956
19	K	40	3.629	T1/2	< 7(-14)		A	73WE1956
19	K	41	1.677	T1/2	9.5(-12)	43	n	73G01067
19	K	41	2.528	T1/2	1.38(-10)	7	n	73G01067
19	K	41	2.774	T1/2	4.68(-11)	14	n	73G01067
19	K	41	3.897	T1/2	> 1.4(-13)		n	73G01067
19	K	41	4.983	T1/2	9.7(-11)	14	n	73G01067
20	CA	39	2.470	T1/2	1.8(-13)	6	A	73KE0193
20	CA	39	2.800	T1/2	> 1.1(-11)		A	73KE0193
20	CA	40	3.35	T1/2	2.14(-9)	10	BM	73BA0090
20	CA	40	3.353	T1/2	1.9(-9)	7	A	73TE0281
20	CA	40	3.737	B(E3)	1.487(-2)	66	P4	73HA139e
20	CA	40	3.740	T1/2	4.1(-11)	3	n	72T40635
20	CA	40	3.904	B(E2)	9.02(-3)	100	P4	73HA1396
20	CA	40	3.905	T1/2	2.1(-14)	14	A	73TE0281
20	CA	40	5.212	T1/2	6.9(-13)		A	73TE0281
20	CA	40	5.248	T1/2	8.5(-14)	14	A	73TE0281
20	CA	40	5.278	T1/2	2.3(-13)	4	A	73TE0281
20	CA	40	5.613	T1/2	8.5(-13)	10	A	73TE0281
20	CA	40	5.629	T1/2	2(-14)	2	A	73TE0281
20	CA	40	5.904	T1/2	1.0(-14)	10	A	73TE0281
20	CA	40	6.026	T1/2	1.7(-13)	2	A	73TE0281
20	CA	40	6.029	T1/2	4.9(-13)	8	A	73TE0281
20	CA	40	6.285	T1/2	3.5(-13)	4	A	73TE0281
20	CA	40	6.508	T1/2	1.3(-13)	2	A	73TE0281
20	CA	40	6.543	T1/2	1.2(-13)	2	A	73TE0281
20	CA	40	6.582	T1/2	1.7(-13)	3	A	73TE0281
20	CA	40	6.750	T1/2	1.28(-13)	45	A	72S10612
20	CA	40	6.751	T1/2	8.3(-14)	28	A	73TE0281
20	CA	40	6.910	T1/2	< 1.0(-14)		A	73TE0281
20	CA	40	6.928	T1/2	(1.0(-13))	3	A	73TE0281
20	CA	40	6.938	T1/2	4.2(-13)	17	A	73TE0281
20	CA	40	6.953	T1/2	< 1.0(-14)		A	73TE0281
20	CA	40	7.113	T1/2	5.6(-14)	28	A	73TE0281
20	CA	40	7.115	T1/2	3.5(-14)	21	A	73TE0281
20	CA	40	7.239	T1/2	9.7(-14)	49	A	73TE0281
20	CA	40	7.278	T1/2	4.9(-14)	35	A	73TE0281
20	CA	40	7.299	T1/2	1.2(-13)	4	A	73TE0281
20	CA	40	7.397	T1/2	4.7(-13)	14	A	73TE0281
20	CA	40	7.422	T1/2	1.97(-13)	140	A	73TE0281
20	CA	40	7.446	T1/2	1.4(-13)	5	A	73TE0281
20	CA	40	7.468	T1/2	< 1.0(-14)		A	73TE0281
20	CA	40	7.531	T1/2	1.50(-13)	35	A	73TE0281
20	CA	40	7.559	T1/2	1.7(-13)	4	A	73TE0281
20	CA	40	7.623	T1/2	1.1(-13)	3	A	73TE0281
20	CA	40	7.658	T1/2	< 1.0(-14)		A	73TE0281
20	CA	40	7.677	T1/2	2.1(-13)	5	A	73TE0281
20	CA	40	7.694	T1/2	< 1.0(-14)		A	73TE0281
20	CA	40	7.771	T1/2	1.7(-13)	4	A	73TE0281
20	CA	40	7.874	T1/2	< 1.4(-14)		A	73TE0281
20	CA	40	7.927	T1/2	4.9(-14)	35	A	73TE0281

20	CA	40	7.977	T1/2	2.1(-14)	21	A	73TE0281
20	CA	40	8.093	T1/2	< 2.8(-14)		A	73TE0281
20	CA	40	8.115	T1/2	< 1.4(-14)		A	73TE0281
20	CA	40	8.134	T1/2	< 2.8(-14)		A	73TE0281
20	CA	40	8.189	T1/2	< 1.7(-14)		A	73TE0281
20	CA	40	8.321	T1/2	4.2(-14)	21	A	73TE0281
20	CA	41	3.369	T1/2	< 3(-9)		ВИ	73BI0783
20	CA	41	3.369	T1/2	2.05(-11)	14	П	73G01067
20	CA	41	3.830	T1/2	3.1(-9)	4	П	73G01067
20	CA	41	3.830	T1/2	3.8(-9)	6	ВИ	73BI0783
20	CA	41	3.915	T1/2	> 1.4(-13)		П	73G01067
20	CA	41	5.219	T1/2	< 1.4(-12)		П	73G01067
20	CA	41	6.826	T1/2	> 1.4(-12)		П	73G01067
20	CA	42	1.524	B(E2)	4.075(-2)	400	КВ	72T00368
20	CA	42	1.524	T1/2	5.2(-13)	3	РР	73KA0048
20	CA	42	1.524	B(E2)	4.12(-2)	15	КВ	73T00574
20	CA	42	2.750	T1/2	1.6(-12)	7	А	73CU1406
20	CA	42	3.190	T1/2	5.52(-9)	15	ВИ	72ND0286
20	CA	42	3.190	T1/2	5.30(-9)	16	ВИ	71MA0083
20	CA	43	0.372	T1/2	3.5(-11)	3	А	72BI0784
20	CA	43	0.593	T1/2	8.05(-11)	3	А	72BI0784
20	CA	43	0.593	T1/2	7.15(-11)	9	А	72KA0302
20	C	43	0.990	T1/2	4.5(-11)	5	А	72KA0302
20	CA	43	0.990	T1/2	4.6(-11)	3	А	72BI0784
20	CA	43	1.395	T1/2	3.4(-12)	6	А	72KA0302
20	CA	43	1.678	T1/2	< 8.3(-12)		А	72KA0302
20	CA	43	1.902	T1/2	< 8.3(-12)		А	72KA0302
20	CA	43	1.931	T1/2	< 8.3(-12)		А	72KA0302
20	CA	43	2.046	T1/2	< 8.3(-12)		А	72KA0302
20	CA	43	2.067	T1/2	< 8.3(-12)		А	72KA0302
20	CA	43	2.094	T1/2	< 8.3(-12)		А	72KA0302
20	CA	43	2.249	T1/2	< 8.3(-12)		А	72KA0302
20	CA	44	1.156	B(E2)	4.73(-2)	20	КВ	72T00550
20	CA	44	1.156	B(E2)	9.80(-3)	92	КВ	72BI0913
20	CA	44	1.156	B(E2)	4.73(-2)	20	КВ	73T00574
20	CA	44	1.157	T1/2	3.5(-12)	7	А	73CU1406
20	CA	44	1.157	T1/2	< 3.5(-10)		ВИ	72WH0513
20	CA	44	1.883	T1/2	1.4(-11)	4	А	73CU1406
20	CA	44	2.283	T1/2	1.9(-12)	7	А	73CU1406
20	CA	44	2.2831	T1/2	< 3.5(-10)		ВИ	72WH0513
20	CA	44	2.6563	T1/2	< 7.6(-10)		ВИ	72WH0513
20	CA	44	2.657	T1/2	< 2(-14)		А	73CU1406
20	CA	44	3.0444	T1/2	< 2(-9)		ВИ	72WH0513
20	CA	44	3.285	T1/2	1.2(-11)	3	А	73CU1406
20	CA	44	3.2850	T1/2	< 7.6(-10)		ВИ	72WH0513
20	CA	44	3.3014	T1/2	< 6.9(-10)		ВИ	72WH0513
20	CA	44	3.303	T1/2	3.5(-14)	17	А	73CU1406
20	CA	44	3.3077	T1/2	< 3.5(-10)		ВИ	72WH0513
20	CA	44	3.3572	T1/2	< 6.2(-10)		ВИ	72WH0513
20	CA	44	3.359	T1/2	< 3(-14)		А	73CU1406
20	CA	44	3.712	T1/2	< 4.1(-10)		ВИ	72WH0513
20	CA	44	3.7764	T1/2	< 6.9(-10)		ВИ	72WH0513
20	CA	44	3.9226	T1/2	< 5.5(-9)		ВИ	72WH0513
20	CA	44	4.1958	T1/2	< 6.9(-10)		ВИ	72WH0513
20	CA	44	4.5840	T1/2	< 3.5(-9)		ВИ	72WH0513
20	CA	44	5.2305	T1/2	< 4.1(-9)		ВИ	72WH0513
20	CA	44	5.7334	T1/2	< 3.5(-9)		ВИ	72WH0513
20	CA	46	1.347	B(E2)	3.25(-3)	34	КВ	72BI0913
20	CA	48	4.613	T1/2	1.24(-12)	41	А	72TA0057
20	CA	48	5.152	T1/2	1.53(-9)	28	А	72TA0057
21	SC	42	0.611	T1/2	9.7(-14)	28	А	73HA0401
21	SC	42	0.625	T1/2	6.1(+1)	1	ВИ	72ZI0465
21	SC	42	1.491	T1/2	3.1(-11)	5	П	72BE0524
21	SC	42	1.491	T1/2	> 1.4(-12)		А	73HA0401
21	SC	42	1.511	T1/2	> 1.4(-12)		А	73HA0401
21	SC	42	1.511	T1/2	5.1(-11)	8	П	72BE0524
21	SC	42	1.586	T1/2	6.2(-14)	31	А	73HA0401

21	SC	42	1.889	T1/2	4.2(-14)	21	A	73HA0401
21	SC	43	0.8449	T1/2	3.1(-13)	6	A	72BA0517
21	SC	43	0.8552	T1/2	> 4.9(-12)		A	72BA0517
21	SC	43	0.8801	T1/2	4.0(-12)	+18-10	A	72BA0517
21	SC	43	1.1591	T1/2	3.5(-12)	+14-8	A	72BA0517
21	SC	43	1.1795	T1/2	5.9(-13)	10	A	72BA0517
21	SC	43	1.3365	T1/2	1.4(-12)	3	A	72BA0517
21	SC	43	1.4076	T1/2	2.7(-13)	5	A	72BA0517
21	SC	43	1.6509	T1/2	1.6(-13)	4	A	72BA0517
21	SC	43	1.8115	T1/2	< 6(-14)		A	72BA0517
21	SC	43	1.850	T1/2	< 2.2(-13)		A	73SA0005
21	SC	43	1.8501	T1/2	2.6(-13)	5	A	72BA0517
21	SC	43	1.883	T1/2	< 8.3(-14)		A	73SA0005
21	SC	43	1.8831	T1/2	6(-14)	2	A	72BA0517
21	SC	43	1.9514	T1/2	2.4(-12)	6	A	72BA0517
21	SC	43	1.9625	T1/2	< 8.3(-14)		A	72BA0517
21	SC	43	2.0940	T1/2	3.2(-13)	9	A	72BA0517
21	SC	43	2.1061	T1/2	2.8(-13)	6	A	72BA0517
21	SC	43	2.141	T1/2	3.0(-13)	8	A	72BA0517
21	SC	43	2.1414	T1/2	2.4(-13)	10	A	72BA0517
21	SC	43	2.1425	T1/2	3.0(-13)	11	A	72BA0517
21	SC	43	2.2887	T1/2	< 2(-14)		A	72BA0517
21	SC	43	2.3564	T1/2	< 4(-14)		A	72BA0517
21	SC	43	2.4590	T1/2	< 4(-14)		A	72BA0517
21	SC	43	2.5523	T1/2	5.1(-13)	7	A	72BA0517
21	SC	43	2.6548	T1/2	2.1(-13)	7	A	72BA0517
21	SC	43	2.7605	T1/2	< 5(-14)		A	72BA0517
21	SC	43	2.8104	T1/2	< 8(-14)		A	72BA0517
21	SC	43	2.9839	T1/2	6(-14)	3	A	72BA0517
21	SC	44	0.2346	T1/2	> 3.8(-12)		A	73DR1772
21	SC	44	0.2346	T1/2	1.27(-8)	22		73DR1030
21	SC	44	0.2346	T1/2	1.27(-8)	15	M	73DR1772
21	SC	44	0.3497	T1/2	> 6(-12)		A	73DR1772
21	SC	44	0.3497	T1/2	3.1(-9)	3	M	73DR1772
21	SC	44	0.4247	T1/2	3.78(-10)	42		73DR1030
21	SC	44	0.4247	T1/2	3.78(-10)	42	M	73DR1772
21	SC	44	0.4247	T1/2	> 6(-12)		A	73DR1772
21	SC	44	0.5313	T1/2	> 3.8(-12)		A	73DR1772
21	SC	44	0.5313	T1/2	> 3.5(-12)			73DR1030
21	SC	44	0.5313	T1/2	< 4.2(-8)			73DR1030
21	SC	44	0.5313	T1/2	< 3.5(-8)		M	73DR1772
21	SC	44	0.6308	T1/2	4.10(-10)	30	M	73DR1772
21	SC	44	0.6308	T1/2	> 3.8(-12)		A	73DR1772
21	SC	44	0.6308	T1/2	4.10(-10)	30		73DR1030
21	SC	44	0.6667	T1/2	5.0(-14)	+10-14	A	73DR1772
21	SC	44	0.9867	T1/2	1.4(-12)	+6-4	A	73DR1772
21	SC	44	1.0063	T1/2	> 6(-12)		A	73DR1772
21	SC	44	1.0063	T1/2	< 3.5(-8)		M	73DR1772
21	SC	44	1.0523	T1/2	1.7(-13)	+6-4	A	73DR1772
21	SC	44	1.1858	T1/2	3.9(-14)	11	A	73DR1772
21	SC	44	1.196	T1/2	> 2(-12)		A	73DR1772
21	SC	44	1.196	T1/2	< 3.5(-8)		M	73DR1772
21	SC	44	1.326	T1/2	1.2(-13)	1	A	73DR1772
21	SC	45	0.5431	PO	3.9(-5)	8	PP	73AR1490
21	SC	45	0.7205	PO	2.11(-3)	21	PP	73AR1490
21	SC	45	0.9743	PO	1.7(-4)	3	PP	73AR1490
21	SC	45	1.2374	PO	5.8(-4)	3	PP	73AR1490
21	SC	45	1.4090	PO	1.87(-3)	16	PP	73AR1490
21	SC	45	1.6618	GPO	3.9(-3)	4	PP	73AR1490
21	SC	45	1.799	GPO	9.4(-4)	21	PP	73AR1490
21	SC	45	2.095	GPO	6.0(-2)	9	PP	73AR1490
21	SC	45	2.590	GPO	1.4(-2)	2	PP	73AR1490
21	SC	46	0.2895	T1/2	> 3.5(-12)		A	73DROL41
21	SC	46	0.5848	T1/2	4(-12)	2	A	73DROL41
21	SC	46	0.6275	T1/2	> 3.5(-12)		A	73DROL41
21	SC	46	1.1244	T1/2	1.1(-12)	1	A	73DROL41
21	SC	47	0.808	T1/2	> 5.5(-12)		A	72BA0001

21	SC	47	1.147	T1/2	3.1(-12)	11	A	72BA0001
21	SC	47	1.297	T1/2	6.2(-14)	24	A	72BA0001
21	SC	47	1.391	T1/2	> 4.1(-12)		A	72BA0001
21	SC	47	1.404	T1/2	9.7(-13)	3	A	72BA0001
21	SC	47	1.798	T1/2	2.1(-13)	5	A	72BA0001
21	SC	47	1.857	T1/2	3.1(-13)	5	A	72BA0001
21	SC	47	1.878	T1/2	< 5(-14)		A	72BA0001
21	SC	47	2.002	T1/2	3.9(-13)	8	A	72BA0001
21	SC	47	2.207	T1/2	8.3(-14)	4	A	72BA0001
21	SC	47	2.410	T1/2	3.1(-13)	12	A	72BA0001
21	SC	49	3.0844	T1/2	4.3(-14)	+29-33	A	73ST1418
21	SC	49	3.8086	T1/2	2.1(-14)	+18-15	A	73ST1418
21	SC	49	3.991	T1/2	> 7(-13)		A	73ST1418
21	SC	49	4.0719	T1/2	2.8(-14)	+14-12	A	73ST1418
21	SC	49	4.4933	T1/2	< 2.3(-14)		A	73ST1418
21	SC	49	4.7582	T1/2	< 1.4(-14)		A	73ST1418
21	SC	49	5.376	T1/2	2.1(-14)	+10-9	A	73ST1418
21	SC	49	6.010	T1/2	< 3.5(-14)		A	73ST1418
21	SC	49	6.415	T1/2	2.1(-14)	+9-10	A	73ST1418
21	SC	49	6.984	T1/2	< 1.4(-14)		A	73ST1418
21	SC	49	7.062	T1/2	< 1.4(-14)		A	73ST1418
22	TI	42		B(E2)	1.37(-2)	28	KB	72BI0913
22	TI	42	1.555	T1/2	3.9(-13)	11	A	73HA0401
22	TI	42	1.56	T1/2	3.7(-13)	17		73C00400
22	TI	42	1.56	T1/2	5.2(-13)	21	A	73C00400
22	TI	42	1.85	T1/2	> 1.4(-13)		A	73C00400
22	TI	42	2.394	T1/2	2.2(-13)	12	A	73HA0401
22	TI	42	2.40	T1/2	2.4(-13)	17	A	73C00400
22	TI	42	2.674	T1/2	> 1.1(-12)		A	73HA0401
22	TI	42	2.68	T1/2	> 1.4(-12)		A	73C00400
22	TI	42	3.04	T1/2	1.8(-8)	4	ВИ	73C00400
22	TI	42	3.211	T1/2	2.8(-9)	3	ВИ	72KI0932
22	TI	42	3.74	T1/2	< 1.7(-13)		A	73C00400
22	TI	44	1.0829	T1/2	3.1(-12)	8	A	73DI0579
22	TI	44	1.083	T1/2	3.5(-12)	14	П	71HU0207
22	TI	44	1.9042	T1/2	> 4.8(-13)		A	73DI0579
22	TI	44	2.454	T1/2	6.9(-13)	+70-30	П	71HU0207
22	TI	44	2.4541	T1/2	4.1(-13)	8	A	73DI0579
22	TI	44	2.5506	T1/2	9.80(-13)	100	A	73DI0579
22	TI	44	2.8862	T1/2	2.9(-13)	10	A	73DI0579
22	TI	44	3.1758	T1/2	> 2.1(-12)		A	73DI0579
22	TI	44	3.180	T1/2	> 2(-12)		A	73SI0946
22	TI	44	3.370	T1/2	3.5(-13)	7	A	73SI0946
22	TI	44	3.4153	T1/2	4.9(-13)	8	A	73DI0579
22	TI	44	4.015	T1/2	3.9(-13)	6	A	73SI0603
22	TI	45	0.330	T1/2	> 6.9(-13)		A	72ZU0501
22	TI	45	0.744	T1/2	> 6.9(-13)		A	72ZU0501
22	TI	45	1.226	T1/2	> 6.9(-13)		A	72ZU0501
22	TI	45	1.353	T1/2	1.01(-13)	16	A	72ZU0501
22	TI	45	1.468	T1/2	4.65(-13)	+113-88	A	72ZU0501
22	TI	45	1.521	T1/2	5.5(-14)	9	A	72ZU0501
22	TI	46	0.8893	T1/2	4.5(-12)	5	П	73DE1471
22	TI	46	2.0098	T1/2	1.8(-12)	2	П	73DE1471
22	TI	46	2.0098	T1/2	3.2(-12)	+12-6	A	72R00536
22	TI	46	2.9618	T1/2	4.85(-14)	76	A	72AS0131
22	TI	46	3.0586	T1/2	> 4.5(-13)		A	72AS0131
22	TI	46	3.0588	T1/2	< 5.8(-11)		П	73DE1471
22	TI	46	3.1680	T1/2	4.9(-14)	8	A	72AS0131
22	TI	46	3.2357	T1/2	1.3(-14)	2	A	72AS0131
22	TI	46	3.2971	T1/2	1.0(-12)	5	П	73DE1471
22	TI	46	3.4377	T1/2	5.8(-11)	6	П	73DE1471
22	TI	46	3.5694	T1/2	5.0(-14)	+19-16	A	72AS0131
22	TI	46	3.7239	T1/2	3.3(-14)	+16-10	A	72AS0131
22	TI	46	3.8450	T1/2	8.45(-15)	242	A	72AS0131
22	TI	46	3.9056	T1/2	2.2(-14)	4	A	72AS0131
22	TI	46	4.316	T1/2	< 3.0(-14)		A	72AS0131
22	TI	47	1.2527	T1/2	1.45(-13)	14	A	72WE0269

22	TI	47	1.4451	T1/2	1.0(-12)	+3-2	A	72WE0269
22	TI	47	1.5504	T1/2	1.55(-12)	+62-35	A	72WE0269
22	TI	47	1.7948	T1/2	> 1.4(-12)		A	72WE0269
22	TI	47	1.8251	T1/2	> 1.4(-12)		A	72WE0269
22	TI	47	2.1643	T1/2	2.1(-14)	5	A	72WE0269
22	TI	47	2.1680	T1/2	1.7(-14)	4	A	72WE0269
22	TI	47	2.2597	T1/2	8.3(-13)	+30-20	A	72WE0269
22	TI	47	2.2974	T1/2	7.6(-15)	50	A	72WE0269
22	TI	47	2.3651	T1/2	> 1.0(-12)		A	72WE0269
22	TI	47	2.408	T1/2	2.1(-14)	+9-7	A	72WE0269
22	TI	47	2.416	T1/2	> 1.4(-12)		A	72WE0269
22	TI	48	0.983	T1/2	3.7(-12)	5	A	72WA4314
22	TI	48	0.983	T1/2	4.1(-12)	9	A	73BA0190
22	TI	48	2.295	T1/2	3.74(-13)	76	A	72BA0070
22	TI	48	2.296	T1/2	1.7(-12)	4	A	73BA0190
22	TI	48	2.420	T1/2	2.3(-14)	5	A	72BA0070
22	TI	48	2.421	T1/2	2.4(-14)	5	A	73BA0190
22	TI	48	2.998	T1/2	1.10(-13)	22	A	73BA0190
22	TI	48	3.040	T1/2	1.14(-13)	19	A	72BA0070
22	TI	48	3.224	T1/2	3.2(-14)	6	A	72BA0070
22	TI	48	3.264	T1/2	2.9(-14)	+12-10	A	73BA0190
22	TI	48	3.240	T1/2	3.0(-14)	+12-10	A	73BA0190
22	TI	48	3.336	T1/2	1.87(-13)	52	A	72BA0070
22	TI	48	3.358	T1/2	2.4(-13)	+13-11	A	73BA0190
22	TI	48	3.371	T1/2	1.25(-14)	49	A	73BA0190
22	TI	48	3.650	T1/2	6(-15)	4	A	72BA0070
22	TI	50	1.554	T1/2	7.6(-13)	10	A	72WA4314
22	TI	50	3.197	T1/2	4.1(-10)	2	BM	73GI0571
22	TI	50	3.197	T1/2	4.1(-10)	2	BM	73CA0571
23	V	47	0.0877	T1/2	< 6.9(-10)		BM	73BL0521
23	V	47	0.1460	T1/2	< 6.9(-10)		BM	73BL0521
23	V	47	0.2595	T1/2	6.2(-11)	8	П	73BL0521
23	V	47	0.6602	T1/2	3(-12)	+2-1	П	73BL0521
23	V	47	1.1381	T1/2	1.7(-12)	+14-8	П	73BL0521
23	V	47	1.2947	T1/2	1.4(-12)	+7-6	П	73BL0521
23	V	47	2.6148	T1/2	< 1.4(-12)		П	73BL0521
23	V	48	0.427	T1/2	< 1.4(-11)		П	73HU0501
23	V	48	0.428	T1/2	6.1(-12)	10	П	72BR0933
23	V	48	0.520	T1/2	< 6.9(-12)		П	73HU0501
23	V	48	0.520	T1/2	> 6.9(-13)		П	73HU0501
23	V	48	0.614	T1/2	1.50(-11)	8	П	72BR0933
23	V	48	0.627	T1/2	7.71(-11)	62	П	72BR0933
23	V	48	0.628	T1/2	9(-11)	4	П	73HU0501
23	V	48	0.746	T1/2	< 2.9(-11)		П	73HU0501
23	V	48	0.746	T1/2	> 2.8(-12)		П	73HU0501
23	V	48	0.765	T1/2	< 3.5(-12)		П	72BR0933
23	V	48	1.057	T1/2	4.6(-12)	12	П	72BR0933
23	V	48	1.255	T1/2	< 6.9(-12)		П	73HU0501
23	V	48	1.267	T1/2	< 2.6(-12)		П	72BR0933
23	V	48	1.558	T1/2	< 3.0(-12)		П	72BR0933
23	V	49	0.0907	T1/2	3.3(-10)	2	BM	73CK0239
23	V	49	0.153	T1/2	1.99(-8)	3	A	72VI0638
23	V	49	0.748	T1/2	1.38(-13)	+280-69	A	72KI0093
23	V	49	1.023	T1/2	> 3.5(-12)		A	72R00536
23	V	49	1.140	T1/2	1.73(-13)	+350-69	A	72KI0093
23	V	49	1.141	T1/2	3.2(-12)	+51-17	A	72R00536
23	V	49	1.151	T1/2	> 2.8(-13)		A	72KI0093
23	V	49	1.155	T1/2	3.0(-12)	+39-15	A	72R00536
23	V	49	1.515	T1/2	3.1(-14)	+21-14	A	72KI0093
23	V	49	1.644	T1/2	3.8(-14)	+21-14	A	72KI0093
23	V	49	1.661	T1/2	1.7(-14)	3	A	72KI0093
23	V	49	1.665	T1/2	1.1(-14)	+8-6	A	72R00536
23	V	49	1.994	T1/2	> 2.8(-13)		A	72KI0093
23	V	49	2.184	T1/2	2.1(-14)	+8-6	A	72R00536
23	V	49	2.254	T1/2	1.5(-14)	+6-5	A	72R00536
23	V	49	2.255	T1/2	2.1(-14)	+21-10	A	72KI0093
23	V	49	2.264	T1/2	3.1(-14)	+21-10	A	72KI0093

23	V	49	2.266	T1/2	4.4(-14)	+17-11	A	72R00[illegible]
23	V	49	2.308	T1/2	1.4(-14)	7	A	72KI0[illegible]3
23	V	49	2.393	T1/2	1.9(-13)	+6-4	A	72R0053A
23	V	49	2.409	T1/2	< 7(-15)		A	72R0053[illegible]
23	V	51	1.609	T1/2	4.35(-13)	83	A	72G0087[illegible]
23	V	51	1.609	T1/2	4.8(-13)	7	A	72W14414
23	V	51	1.813	T1/2	4.8(-13)	10	A	72G0087[illegible]
23	V	51	2.402	T1/2	< 3.7(-14)		A	72G0087[illegible]
23	V	51	2.670	T1/2	6(-13)	1	A	72G0087[illegible]
23	V	51	2.699	T1/2	> 7.6(-13)		A	72G0087[illegible]
23	V	52	0.017	T1/2	1.08(-9)	22	BИ	72B00314
24	CR	49	0.272	T1/2	1.3(-11)	4	П	72ZU0070
24	CR	49	0.27216	T1/2	1.3(-11)	4	ЯО	72ZU0417
24	CR	49	1.085	T1/2	1.8(-13)	6	A	72ZU0070
24	CR	49	1.085	T1/2	1.8(-13)	6	A	72ZU0417
24	CR	49	1.563	T1/2	4.1(-13)	+20-8	A	72ZU0417
24	CR	49	1.563	T1/2	4.1(-13)	+21-8	A	72ZU0070
24	CR	49	1.704	T1/2	> 3.8(-12)		A	72ZU0417
24	CR	49	1.742	T1/2	> 3(-12)		A	72ZU0417
24	CR	49	1.982	T1/2	> 4.5(-12)		A	72ZU0417
24	CR	49	2.169	T1/2	> 3.1(-12)		A	72ZU0417
24	CR	49	2.453	T1/2	> 4(-12)		A	72ZU0417
24	CR	49	2.504	T1/2	< 8(-15)		A	72ZU0417
24	CR	49	2.614	T1/2	4.5(-14)	14	A	72ZU0417
24	CR	50	0.7833	T1/2	6.9(-12)	1	A	72RA0158
24	CR	50	0.7833	B(E2)	1.15(-1)	10	KB	72RA0158
24	CR	50	0.7834	T1/2	8.38(-12)	83	П	73DE1471
24	CR	50	1.8816	T1/2	2.2(-12)	3	П	73DE1471
24	CR	50	2.9254	T1/2	9.4(-15)	14	A	72AS0131
24	CR	50	3.1624	T1/2	1.09(-14)	15	A	72AS0131
24	CR	50	3.1647	T1/2	1.2(-12)	3	П	73DE1471
24	CR	50	3.3245	T1/2	9.7(-14)	24	A	72AS0131
24	CR	50	3.3247	T1/2	< 7(-13)		П	73DE1471
24	CR	50	3.5960	T1/2	3.0(-14)	5	A	72AS0131
24	CR	50	3.611	T1/2	5.5(-15)	35	A	72AS0131
24	CR	50	3.6295	T1/2	5.2(-15)	25	A	72AS0131
24	CR	50	3.6990	T1/2	1.28(-14)	17	A	72AS0131
24	CR	50	3.792	T1/2	> 7.3(-14)		A	72AS0131
24	CR	50	3.7926	T1/2	9.2(-12)	14	П	73DE1471
24	CR	50	3.8264	T1/2	3.5(-12)	+35-14	П	73DE1471
24	CR	50	3.8461	T1/2	2.18(-13)	59	A	72AS0131
24	CR	50	3.9380	T1/2	1.9(-15)	+13-7	A	72AS0131
24	CR	50	3.986	T1/2	2.1(-14)	+14-10	A	72AS0131
24	CR	50	4.050	T1/2	5.60(-13)	110	A	72AS0131
24	CR	50	4.0665	T1/2	6.5(-15)	17	A	72AS0131
24	CR	50	4.130	T1/2	1.83(-13)	58	A	72AS0131
24	CR	51	0.748	T1/2	7.39(-9)	21	A	72AZ00[illegible]3
24	CR	51	0.7491	T1/2	7.6(-9)	3	A	73FE0365
24	CR	51	1.3527	T1/2	3.80(-13)	+140-100	A	73SZ0433
24	CR	51	1.5569	T1/2	> 2.8(-12)		A	73SZ0433
24	CR	51	1.8991	T1/2	3.80(-13)	+97-62	A	73SZ0433
24	CR	51	2.0614	T1/2	2.7(-14)	+13-12	A	73SZ0433
24	CR	51	2.2558	T1/2	> 6.9(-13)		A	73SZ0433
24	CR	51	2.3104	T1/2	2.1(-14)	+7-5	A	73SZ0433
24	CR	51	2.3779	T1/2	3.8(-14)	+14-10	A	73SZ0433
24	CR	51	2.385	T1/2	6.6(-14)	+21-15	A	73SZ0433
24	CR	51	2.703	T1/2	2.34(-13)	+25-21	A	73SZ0433
24	CR	51	2.7027	T1/2	6.9(-14)	+10-10	A	73SZ0433
24	CR	51	2.7072	T1/2	4.9(-14)	+14-12	A	73SZ0433
24	CR	51	2.8291	T1/2	4.0(-14)	+21-17	A	73SZ0433
24	CR	51	2.8905	T1/2	3.50(-13)	+55-35	A	73SZ0433
24	CR	51	2.9109	T1/2	3.0(-14)	+19-10	A	73SZ0433
24	CR	51	2.948	T1/2	1.18(-13)	+14-10	A	73SZ0433
24	CR	51	3.0019	T1/2	1.5(-14)	+4-3	A	73SZ0433
24	CR	51	3.0036	T1/2	3.33(-13)	+62-42	A	73SZ0433
24	CR	51	3.0201	T1/2	< 1.9(-14)		A	73SZ0433
24	CR	51	3.1091	T1/2	4.8(-14)	+21-15	A	73SZ0433

24	CR	51	3.155	T1/2	4.5(-14)	20	A	73SZ0433
24	CR	51	3.204	T1/2	4.3(-14)	19	A	73SZ0433
24	CR	51	3.262	T1/2	3.1(-14)	+15-12	A	73SZ0433
24	CR	51	3.852	T1/2	3.0(-14)	+8-5	A	73SZ0433
24	CR	51	3.900	T1/2	5.5(-14)	+21-15	A	73SZ0433
24	CR	51	3.927	T1/2	< 2.4(-14)		A	73SZ0433
24	CR	51	3.954	T1/2	3.1(-14)	+10-7	A	73SZ0433
24	CR	51	3.984	T1/2	2.2(-14)	+5-4	A	73SZ0433
24	CR	51	4.018	T1/2	2.1(-14)	+10-9	A	73SZ0433
24	CR	51	4.071	T1/2	< 4.0(-14)		A	73SZ0433
24	CR	52	1.434	T1/2	5.9(-13)	9	A	72WA4314
24	CR	52	2.965	T1/2	4.15(-13)	76	A	72AS0131
24	CR	52	3.162	T1/2	3.3(-14)	5	A	72AS0131
24	CR	52	3.771	T1/2	9(-15)	4	A	72AS0131
24	CR	53	0.560	T1/2	6.2(-13)	24	A	72CA0081
24	CR	53	0.564	T1/2	5(-13)	1	A	73ER0366
24	CR	53	0.565	T1/2	2.78(-9)	1	ВИ	72AZ0053
24	CR	53	0.567	T1/2	4.3(-13)	6	A	72WA4314
24	CR	53	1.287	T1/2	9(-13)	2	A	73ER0366
24	CR	53	1.290	T1/2	< 2.4(-12)		A	72CA0081
24	CR	53	1.540	T1/2	> 8.3(-13)		A	72CA0081
24	CR	53	1.970	T1/2	6.9(-14)	17	A	72CA0081
24	CR	53	2.170	T1/2	> 5.5(-13)		A	72CA0081
24	CR	53	2.320	T1/2	7.6(-15)	3	A	72CA0081
24	CR	53	2.660	T1/2	< 3.1(-14)		A	72CA0081
24	CR	53	2.670	T1/2	< 6.9(-15)		A	72CA0081
24	CR	53	2.710	T1/2	9.7(-15)	6	A	72CA0081
24	CR	53	3.080	T1/2	> 2.1(-13)		A	72CA0081
24	CR	53	3.180	T1/2	< 6.9(-15)		A	72CA0081
24	CR	53	3.260	T1/2	< 2.1(-14)		A	72CA0081
25	MN	50	0.230	T1/2	1.0560(+2)	180	ВИ	72RA0138
25	MN	50	0.250	T1/2	1.0320(+2)	240	ВИ	72RA0138
25	MN	53	1.288	T1/2	5.6(-13)	+24-17	A	72G00875
25	MN	53	1.288	T1/2	> 1.3(-13)		A	73W01840
25	MN	53	1.289	T1/2	6.0(-13)	15	A	72ER0144
25	MN	53	1.440	T1/2	1.4(-13)	+21-7	A	73W01840
25	MN	53	1.440	T1/2	5.6(-13)	+20-10	A	72G00875
25	MN	53	1.441	T1/2	8.0(-13)	26	A	72ER0144
25	MN	53	1.441	T1/2	7.6(-14)	26	A	73SA0005
25	MN	53	1.441	T1/2	< 5.3(-13)		A	73SA0005
25	MN	53	1.619	T1/2	4.5(-13)	+17-10	A	72G00875
25	MN	53	1.619	T1/2	2(-13)	+7-1	A	73W01840
25	MN	53	1.620	T1/2	3.9(-13)	10	A	72ER0144
25	MN	53	1.621	T1/2	< 2.9(-13)		A	73SA0005
25	MN	53	1.621	T1/2	3.9(-13)	10	A	73SA0005
25	MN	53	2.272	T1/2	2.1(-13)	+34-10	A	73W01840
25	MN	53	2.277	T1/2	3.3(-13)	+11-7	A	72G00875
25	MN	53	2.405	T1/2	8.4(-14)	+97-35	A	73W01840
25	MN	53	2.406	T1/2	1.2(-13)	3	A	72G00875
25	MN	53	2.572	T1/2	2.9(-14)	+40-24	A	73W01840
25	MN	53	2.575	T1/2	4.8(-14)	2	A	72G00875
25	MN	53	2.670	T1/2	6.9(-14)	+90-69	A	73W01840
25	MN	53	2.687	T1/2	5(-14)	+4-2	A	73W01840
25	MN	53	2.691	T1/2	4(-14)	3	A	72G00875
25	MN	53	2.693	T1/2	2.65(-12)	36	П	72BR0583
25	MN	53	2.705	T1/2	7.6(-13)	+3-2	A	72G00875
25	MN	53	2.876	T1/2	4.5(-14)	+63-30	A	73W01840
25	MN	53	3.440	T1/2	< 3.9(-13)		A	73SA0005
25	MN	55	0.12595	T1/2	> 6.9(-12)		A	73HI0364
25	MN	55	0.126	T1/2	> 7(-12)		*	72HI0933
25	MN	55	0.984	T1/2	2.9(-13)	3	A	73ER0365
25	MN	55	0.984	T1/2	3.12(-13)	+97-62	A	72HI0933
25	MN	55	0.9842	T1/2	3.11(-13)	+97-62	A	73HI0364
25	MN	55	1.292	T1/2	2.28(-12)	+286-103	A	72HI0933
25	MN	55	1.2924	T1/2	2.28(-12)	+295-103	A	73HI0364
25	MN	55	1.5298	T1/2	4.9(-14)	+9-11	A	73HI0364
25	MN	55	1.530	ГО	7.10(-3)	54		73AR1519

25	MN	55	1.550	T1/2	4.8(-14)	+9-11	A	72HI0933
25	MN	55	1.885	T1/2	1.1(-14)	8	A	72HI0933
25	MN	55	1.885	Γ0	4.93(-2)	74		73AR1519
25	MN	55	1.8853	T1/2	1.1(-14)	8	A	73HI0364
25	MN	55	2.1985	T1/2	1.7(-14)	+9-11	A	73HI0364
25	MN	55	2.199	Γ0	1.96(-2)	13		73AR1519
25	MN	55	2.199	T1/2	1.7(-14)	+9-11	A	72HI0933
25	MN	55	2.215	T1/2	3.8(-13)	+8-6	A	72HI0933
25	MN	55	2.2153	T1/2	3.8(-13)	+7-5	A	73HI0364
25	MN	55	2.250	T1/2	1.5(-14)	6	A	72HI0933
25	MN	55	2.250	Γ0	1.59(-2)	6		73AR1519
25	MN	55	2.2537	T1/2	1.5(-14)	5	A	73HI0364
25	MN	55	2.269	T1/2	1.46(-13)	+55-21	A	72HI0933
25	MN	55	2.2695	T1/2	1.45(-13)	+55-21	A	73HI0364
25	MN	55	2.311	T1/2	6.7(-14)	+28-24	A	72HI0933
25	MN	55	2.3115	T1/2	6.7(-14)	+28-24	A	73HI0364
25	MN	55	2.366	T1/2	3.3(-14)	11	A	72HI0933
25	MN	55	2.366	Γ0	1.30(-2)	10		73AR1519
25	MN	55	2.366	T1/2	3.3(-14)	11	A	73HI0364
25	MN	55	2.399	T1/2	1.5(-14)	5	A	72HI0933
25	MN	55	2.399	T1/2	1.5(-14)	5	A	73HI0364
25	MN	55	2.428	T1/2	1.44(-12)	+104-74	A	72HI0933
25	MN	55	2.4285	T1/2	1.440(-12)	+1000-740	A	73HI0364
25	MN	55	2.5648	T1/2	1.2(-14)	5	A	73HI0364
25	MN	55	2.565	Γ0	5.63(-2)	40		73AR1519
25	MN	55	2.565	T1/2	1.2(-14)	6	A	72HI0933
25	MN	55	2.727	T1/2	1.2(-12)	1	A	73HI0132
25	MN	55	2.727	T1/2	1.23(-12)	+15-14	A	72HI0933
25	MN	55	2.751	T1/2	2.8(-14)	15	A	72HI0933
25	MN	55	2.7529	T1/2	1(-14)	+3-1	A	73HI0132
25	MN	55	2.755	T1/2	< 6.9(-16)		A	72HI0933
25	MN	55	2.822	T1/2	< 6.9(-16)		A	72HI0933
25	MN	55	2.8228	T1/2	9.3(-14)	+24-31	A	73HI0132
25	MN	55	2.8246	T1/2	< 1.4(-14)		A	73HI0132
25	MN	55	2.825	T1/2	9.3(-14)	+23-30	A	72HI0933
25	MN	55	2.9523	T1/2	3.7(-14)	+6-8	A	73HI0132
25	MN	55	3.004	T1/2	1.5(-14)	8	A	72HI0933
25	MN	55	3.0044	T1/2	1.5(-14)	9	A	73HI0132
25	MN	55	3.0366	T1/2	4.0(-14)	9	A	73HI0132
25	MN	55	3.037	T1/2	4.1(-14)	8	A	72HI0933
25	MN	55	3.0463	T1/2	1.39(-13)	+104-49	A	73HI0132
25	MN	55	3.0495	T1/2	1.7(-12)	+31-6	A	73HI0132
25	MN	55	3.0824	T1/2	1.8(-14)	+12-17	A	73HI0132
25	MN	55	3.1609	T1/2	3(-15)	+12-3	A	73HI0132
26	FE	53	0.741	T1/2	7(-8)	1	BИ	73NE0541
26	FE	53	1.328	T1/2	1.6(-14)	7	A	72NE0000
26	FE	53	1.328	T1/2	1.7(-14)	7	A	72RG0533
26	FE	53	1.328	T1/2	< 9.0(-14)		A	73SA0005
26	FE	53	1.328	T1/2	1.7(-14)	7	A	73NE0541
26	FE	53	1.423	T1/2	< 2.1(-9)		A	72NE0000
26	FE	53	1.423	T1/2	> 7(-13)		A	73NE0541
26	FE	53	1.423	T1/2	< 2(-9)		A	73NE0541
26	FE	53	1.423	T1/2	> 6.9(-13)		A	72NE0000
26	FE	53	1.696	T1/2	1.21(-12)	55	A	72NE0000
26	FE	53	1.696	T1/2	> 7(-13)		A	73NE0541
26	FE	53	1.696	T1/2	< 2(-9)		A	73NE0541
26	FE	53	2.043	T1/2	2.39(-13)	52	A	73NE0541
26	FE	53	2.339	T1/2	5.3(-14)	12	A	72NE0000
26	FE	53	2.339	T1/2	< 8.3(-14)		A	73SA0005
26	FE	53	2.339	T1/2	5.3(-14)	12	A	73NE0541
26	FE	53	2.479	T1/2	3.5(-14)	8	A	73NE0541
26	FE	53	2.697	T1/2	7.8(-14)	15	A	72NE0000
26	FE	53	2.829	T1/2	3.5(-14)	14	A	73NE0541
26	FE	53	2.845	T1/2	3.2(-14)	12	A	73NE0541
26	FE	53	2.967	T1/2	7.8(-14)	15	A	73NE0541
26	FE	53	3.176	T1/2	< 1.3(-13)		A	73SA0005
26	FE	54	1.400	B(E2)	5.319(-2)	324	P4	72LI0027

26	FE	54	1.407	B(E2)	5.319(-2)	324	P4	72LI1210
26	FE	54	1.407	T1/2	2.29(-12)	+253-154	A	72SH0815
26	FE	54	1.408	T1/2	6.6(-13)	10	A	72WA4314
26	FE	54	1.409	T1/2	7.6(-13)	+35-22	A	72MO0012
26	FE	54	2.540	T1/2	>= 2.1(-12)		A	72MO0012
26	FE	54	2.564	T1/2	>= 1.4(-12)		A	72MO0012
26	FE	54	2.948	T1/2	>= 5.5(-13)		A	72MO0012
26	FE	54	2.959	T1/2	5.2(-14)	8	A	72MO0012
26	FE	54	2.959	T1/2	1.55(-12)	+205-69	A	72SH0815
26	FE	54	3.164	T1/2	1.6(-13)	+4-3	A	72MO0012
26	FE	54	3.296	T1/2	>= 2.1(-12)		A	72MO0012
26	FE	54	3.345	T1/2	2.84(-13)	+728-170	A	72SH0815
26	FE	54	3.345	T1/2	>= 2.1(-12)		A	72MO0012
26	FE	54	3.838	T1/2	6.3(-14)	14	A	72MO0012
26	FE	54	4.029	T1/2	>= 6.9(-13)		A	72MO0012
26	FE	54	4.048	T1/2	3.0(-13)	+23-10	A	72MO0012
26	FE	54	4.074	T1/2	5.8(-14)	17	A	72MO0012
26	FE	54	4.265	T1/2	8.2(-14)	+23-17	A	72MO0012
26	FE	54	4.287	T1/2	5.5(-14)	+16-14	A	72MO0012
26	FE	54	4.579	T1/2	<= 6.9(-15)		A	72MO0012
26	FE	54	4.781	T1/2	3.3(-14)	11	A	72MO0012
26	FE	54	4.850	B(E3)	4.569(-3)	410	P4	72LI0027
26	FE	54	4.85	B(E3)	4.563(-3)	410	P4	72LI1210
26	FE	54	4.949	T1/2	2.9(-14)	10	A	72MO0012
26	FE	55	0.931	T1/2	9.3(-12)	28	П	73ST0295
26	FE	55	1.316	T1/2	1.80(-11)	24	П	73ST0295
26	FE	55	1.317	T1/2	6.6(-13)	+210-28	A	72RO0439
26	FE	55	1.317	T1/2	< 6.9(-12)		ВИ	72RO0439
26	FE	55	1.408	T1/2	4.80(-11)	52	П	73ST0295
26	FE	55	1.409	T1/2	> 6.6(-13)		A	72RO0439
26	FE	55	1.409	T1/2	3.4(-11)	7	ВИ	72RO0439
26	FE	55	2.144	T1/2	1.9(-14)	+10-6	A	74RO0389
26	FE	55	2.212	T1/2	2.4(-13)	+24-11	A	72RO0439
26	FE	55	2.301	T1/2	> 5.1(-13)		A	72RO0439
26	FE	56	0.847	B(E2)	1.11(-1)	6	КВ	72CA0475
26	FE	56	0.850	B(E2)	6.781(-2)	475	P4	72LI1210
26	FE	56	0.850	B(E2)	6.781(-2)	475	P4	72LI0027
26	FE	57	0.0144	T1/2	9.85(-8)	5	ВИ	72WI0125
26	FE	58	0.810	B(E2)	9.432(-2)	790	P4	72LI1210
26	FE	58	0.810	B(E2)	9.432(-2)	790	P4	72LI0027
26	FE	58	3.850	B(E3)	1.3880(-1)	1260	P4	72LI0027
26	FE	58	3.860	B(E3)	1.388(-2)	126	P4	72LI1210
27	CO	58	0.0232	T1/2	1.04(-5)	3	ВИ	72HA0249
27	CO	58	0.1115	T1/2	1.8(-10)	3	ВИ	72HA0249
27	CO	58	0.3656	T1/2	9.9(-13)	+840-360	A	72GF0065
27	CO	58	0.3737	T1/2	6.2(-13)	+50-24	A	72GE0065
27	CO	58	0.4574	T1/2	8.10(-13)	+62-30	A	72GE0065
27	CO	58	0.8854	T1/2	1.4(-13)	+5-3	A	72GE0065
27	CO	58	1.0401	T1/2	1.4(-13)	+5-3	A	72GE0065
27	CO	58	1.0442	T1/2	> 1.2(-12)		A	72GE0065
27	CO	58	1.0497	T1/2	1.4(-13)	+5-3	A	72GE0065
27	CO	58	1.1845	T1/2	1.4(-13)	+5-3	A	72GF0065
27	CO	59	1.097	T1/2	2.4(-12)	+7-4	A	73ER0366
27	CO	59	1.189	T1/2	4(-14)	1	A	73ER0366
27	CO	59	1.190	Г0	8.01(-3)	30		73AR1519
27	CO	59	1.2916	T1/2	5.38(-10)	4	ВИ	72GA0898
27	CO	59	1.2916	T1/2	5.38(-10)	4	ВИ	72GA0124
27	CO	59	1.458	T1/2	9(-13)	+4-2	A	73ER0366
28	NI	56	2.699	T1/2	5.3(-14)	+34-17	A	73SC1779
28	NI	56	3.924	T1/2	> 7(-13)		A	73SC1779
28	NI	57	3.003	T1/2	7.6(-15)	42	A	72GO0281
28	NI	58	1.450	B(E2)	6.6(-2)	4	КВ	72VI1072
28	NI	58	1.450	B(E2)	6.6(-2)	4	К	73CH0433
28	NI	58	1.454	Г0	6.12(-4)	43		73AR1519
28	NI	58	3.038	T1/2	3.9(-14)	+12-11	A	72AS0131
28	NI	58	3.264	T1/2	2.4(-14)	5	A	72AS0131
28	NI	58	3.531	T1/2	2.00(-13)	+67-53	A	72AS0131

28	NI	58	3.593	T1/2	2.8(-14)	6	A	72AS0151
28	NI	58	3.898	T1/2	2.3(-14)	6	A	72AS0151
28	NI	59	0.340	T1/2	8.3(-11)	14	M	73HU0403
28	NI	59	0.465	T1/2	2.0(-11)	4	M	73HU0403
28	NI	59	0.8784	T1/2	4.3(-13)	8	A	73HU0403
28	NI	59	1.189	T1/2	3.0(-13)	5	A	73HU0403
28	NI	59	1.302	T1/2	1.2(-13)	1	A	73HU0403
28	NI	59	1.339	T1/2	8.9(-13)	32	A	73HU0403
28	NI	59	1.680	T1/2	2.9(-13)	16	A	73HU0403
28	NI	59	1.735	T1/2	1.2(-13)	3	A	73HU0403
28	NI	59	1.768	T1/2	> 7(-13)		A	73HU0403
28	NI	59	1.948	T1/2	1.4(-13)	4	A	73HU0403
28	NI	60	1.332	T1/2	5.54(-13)	+1040-208	A	73R00577
28	NI	60	1.332	Γ0	5.50(-4)	43		73AR1519
28	NI	60	2.159	T1/2	> 5.54(-13)		A	73R00577
28	NI	60	2.284	T1/2	> 1.5(-12)		A	73R00577
28	NI	60	2.506	T1/2	5.20(-13)	+1870-243	A	73R00577
28	NI	60	2.626	T1/2	> 4.85(-13)		A	73R00577
28	NI	60	3.119	T1/2	4.85(-13)	+1940-310	A	73R00577
28	NI	60	3.124	T1/2	> 5.54(-13)		A	73R00577
28	NI	60	3.187	T1/2	1.39(-13)	+42-28	A	73R00577
28	NI	60	3.194	T1/2	5.3(-14)	14	A	73R00577
28	NI	60	3.269	T1/2	7.1(-14)	21	A	73R00577
28	NI	60	3.381	T1/2	2.29(-13)	+350-111	A	73R00577
28	NI	60	3.394	T1/2	1.28(-13)	+55-35	A	73R00577
28	NI	60	3.619	T1/2	2.08(-13)	+520-104	A	73R00577
28	NI	60	3.671	T1/2	5.5(-14)	+35-24	A	73R00577
28	NI	60	3.729	T1/2	2.08(-13)	+290-90	A	73R00577
28	NI	60	3.741	T1/2	1.07(-13)	+38-28	A	73R00577
28	NI	60	3.875	T1/2	> 3.0(-12)		A	73R00577
28	NI	60	3.895	T1/2	5.8(-14)	24	A	73R00577
28	NI	60	3.926	T1/2	1.87(-13)	+191-76	A	73R00577
28	NI	60	4.009	T1/2	2.0(-14)	10	A	73R00577
28	NI	60	4.035	T1/2	2.5(-14)	14	A	73R00577
28	NI	60	4.045	T1/2	2.2(-14)	10	A	73R00577
28	NI	60	4.078	T1/2	< 1.2(-14)	10	A	73R00577
28	NI	60	4.341	T1/2	2.9(-14)	+31-21	A	73R00577
28	NI	60	4.497	T1/2	1.6(-14)	14	A	73R00577
28	NI	60	4.578	T1/2	< 1.8(-14)		A	73R00577
28	NI	60	4.768	T1/2	4.5(-14)	+55-28	A	73R00577
28	NI	60	4.958	T1/2	6.1(-14)	21	A	73R00577
28	NI	60	4.970	T1/2	6.3(-14)	+48-28	A	73R00577
28	NI	60	5.106	T1/2	2.5(-14)	+42-28	A	73R00577
28	NI	60	5.205	T1/2	1.6(-14)	16	A	73R00577
28	NI	60	5.244	T1/2	5.2(-14)	+42-24	A	73R00577
28	NI	60	5.550	T1/2	2.0(-14)	14	A	73R00577
28	NI	61	0.909	T1/2	2.3(-12)	+31-10	A	73ER0306
28	NI	61	1.152	T1/2	2.7(-13)	6	A	73ER0306
28	NI	62	1.170	B(E2)	6.186(-2)	421	P4	72LI0027
28	NI	62	1.170	B(E2)	6.186(-2)	421	P4	72LI1213
28	NI	62	3.750	B(E3)	1.4359(-2)	962	P4	72LI1213
28	NI	62	3.750	B(E3)	1.4359(-2)	962	P4	72LI0027
28	NI	65	0.0636	T1/2	> 6.9(-7)		BM	72CO1650
29	CU	58	1.052	T1/2	7.8(-14)	+19-13	A	72ST0033
29	CU	58	1.428	T1/2	> 6.6(-13)		A	72ST0033
29	CU	58	1.550	T1/2	> 3.5(-13)		A	72ST0033
29	CU	58	1.647	T1/2	> 9(-13)		A	72ST0033
29	CU	58	1.652	T1/2	3.5(-14)	7	A	72ST0033
29	CU	59	0.491	T1/2	3.9(-13)	4	A	73NE1407
29	CU	59	0.914	T1/2	> 7(-13)		A	73NE1407
29	CU	59	1.399	T1/2	3.70(-13)	156	A	73NE1407
29	CU	59	2.206	T1/2	2.39(-13)	139	A	73NE1407
29	CU	59	2.324	T1/2	2.4(-14)	6	A	73NE1407
29	CU	59	3.042	T1/2	7.6(-13)	35	A	73NE1407
29	CU	59	3.114	T1/2	1.3(-14)	6	A	73NE1407
29	CU	59	3.130	T1/2	7.6(-15)	40	A	73NE1407
29	CU	59	3.550	T1/2	< 1.0(-14)		A	73NE1407

29	CU	59	3.580	T1/2	> 5.3(-13)		A	73NE1407
29	CU	59	3.615	T1/2	< 2.2(-14)		A	73NE1407
29	CU	61	0.475	T1/2	6.6(-13)	9	A	73SA0629
29	CU	61	0.970	T1/2	6.87(-13)	+128-111	A	73SA0629
29	CU	61	1.3104	T1/2	5.26(-13)	72	A	73SA0629
29	CU	61	1.3941	T1/2	8.5(-13)	14	A	73SA0629
29	CU	61	1.6602	T1/2	1.82(-13)	19	A	73SA0629
29	CU	61	1.7525	T1/2	> 1.4(-12)		A	73SA0629
29	CU	61	1.9041	T1/2	1.80(-13)	19	A	73SA0629
29	CU	61	1.9526	T1/2	8.7(-13)	10	A	73SA0629
29	CU	61	1.9424	T1/2	1.2(-12)	+11-4	A	73SA0629
29	CU	61	2.0887	T1/2	4.0(-14)	4	A	73SA0629
29	CU	61	2.2033	T1/2	1.73(-13)	20	A	73SA0629
29	CU	61	2.295	T1/2	1.8(-12)	+6-4	A	73SA0629
29	CU	61	2.3362	T1/2	4.30(-13)	44	A	73SA0629
29	CU	61	2.3581	T1/2	1.97(-13)	24	A	73SA0629
29	CU	61	2.3989	T1/2	1.20(-13)	14	A	73SA0629
29	CU	61	2.4723	T1/2	7.5(-14)	8	A	73SA0629
29	CU	61	2.5836	T1/2	1.02(-13)	12	A	73SA0629
29	CU	61	2.5845	T1/2	9.8(-14)	12	A	73SA0629
29	CU	61	2.6118	T1/2	2.85(-13)	35	A	73SA0629
29	CU	61	2.6268	T1/2	> 3.5(-13)		A	73SA0629
29	CU	61	2.684	T1/2	8.4(-14)	12	A	73SA0629
29	CU	61	2.7202	T1/2	> .3(-12)		A	73SA0629
29	CU	61	2.728	T1/2	2.28(-13)	32	A	73SA0629
29	CU	61	2.7925	T1/2	1.16(-13)	20	A	73SA0629
29	CU	61	2.9239	T1/2	2.71(-13)	36	A	73SA0629
29	CU	61	2.9325	T1/2	6.5(-14)	12	A	73SA0629
29	CU	61	3.0015	T1/2	1.73(-13)	+37-58	A	73SA0629
29	CU	61	3.0156	T1/2	3.94(-13)	+37-40	A	73SA0629
29	CU	61	3.0192	T1/2	6.93(-14)	110	A	73SA0629
29	CU	61	3.0655	T1/2	3.9(-14)	6	A	73SA0629
29	CU	61	3.092	T1/2	3.3(-14)	5	A	73SA0629
29	CU	61	3.2595	T1/2	3.50(-13)	+50-47	A	73SA0629
29	CU	62	0.04084	T1/2	4.6(-9)	4	BK	73BL0169
29	CU	62	0.39019	T1/2	1.11(-8)	2	BK	73BL0169
29	CU	63	0.670	T1/2	2.8(-13)	7	PP	72WH0029
29	CU	63	0.670	T1/2	1.1(-13)	3	A	73ER0366
29	CU	63	0.670	PO	2.58(-3)	20		73AR1519
29	CU	63	0.962	PO	8.16(-4)	45		73AR1519
29	CU	63	0.962	T1/2	4.0(-13)	4	A	73ER0366
29	CU	63	0.962	T1/2	8.1(-13)	21	PP	72WH0029
29	CU	63	1.326	PO	9.5(-4)	10		73AR1519
29	CU	63	1.326	T1/2	4.1(-13)	4	A	73ER0366
29	CU	63	1.327	T1/2	5.0(-13)	32	PP	72WH0029
29	CU	63	1.412	T1/2	2.1(-13)	33	PP	72WH0029
29	CU	64	1.5937	T1/2	2.04(-8)	7	PP	72BL0620
29	CU	65	0.769	PO	4.81(-3)	36		73AR1519
29	CU	65	0.770	T1/2	9.0(-14)	4	PP	72WH0029
29	CU	65	1.115	PO	1.63(-3)	9		73AR1519
29	CU	65	1.116	T1/2	4.5(-13)	45	PP	72WH0029
29	CU	65	1.116	T1/2	1.9(-13)	6	A	73ER0366
29	CU	65	1.482	T1/2	4.0(-13)	119	PP	72WH0029
29	CU	65	1.483	T1/2	3(-13)	1	A	73ER0366
29	CU	66	1.1541	T1/2	5.9(-7)	2	PP	72BL0620
29	CU	70		T1/2	4.2(+1)	3	BN	73SZ0057
30	ZN	64	0.992	PO	2.39(-4)	17		73AR1519
30	ZN	64	3.366	PO	8.2(-3)	13	PP	72ME0409
30	ZN	64	3.425	PO	6.9(-3)	16	PP	72ME0409
30	ZN	64	3.704	PO	1.8(-2)	3	PP	72ME0409
30	ZN	64	4.159	PO	3.2(-2)	9	PP	72ME0409
30	ZN	64	4.455	PO	5.1(-2)	9	PP	72ME0409
30	ZN	64	4.604	PO	1.1(-2)	4	PP	72ME0409
30	ZN	65	0.115	T1/2	3.4(-10)	6	PP	71SH0024
30	ZN	66		B(E3)	2.35(-2)	17	P4	73LI0250
30	ZN	66		B(E2)	1.077(-1)	140	P4	73LI0250
30	ZN	66	1.057	T1/2	1.5(-12)	2	PP	72KA0137

30	ZN	66	1.039	Γ0	2.67(-4)	30		73AR151?
30	ZN	66	1.0396	T1/2	1.45(-12)	+69-48	A	72YO0197
30	ZN	66	1.874	T1/2	< 1.4(-12)		A	72YO0197
30	ZN	66	2.4517	T1/2	< 6.9(-13)		A	72YO0197
30	ZN	66	2.781	Γ0	1.2(-3)	3	PP	72ME0409
30	ZN	66	2.8281	T1/2	1.80(-13)	35	A	72YO0197
30	ZN	66	3.0804	T1/2	1.32(-13)	+550-10	A	72YO0197
30	ZN	66	3.381	Γ0	1.6(-2)	3	PP	72ME0409
30	ZN	66	3.433	Γ0	8(-3)	3	PP	72ME0409
30	ZN	66	3.739	Γ0	2.4(-2)	3	PP	72ME0409
30	ZN	66	4.295	Γ0	6.7(-2)	20	PP	72ME0409
30	ZN	66	4.395	T1/2	6.8(-14)	+35-21	A	72YO0197
30	ZN	66	4.426	Γ0	6.5(-2)	10	PP	72ME0409
30	ZN	66	4.462	Γ0	2.8(-2)	21	PP	72ME0409
30	ZN	66	4.609	Γ0	5.4(-2)	15	PP	72ME0409
30	ZN	66	4.685	Γ0	6.4(-2)	16	PP	72ME0409
30	ZN	66	4.806	Γ0	1.00(-1)	25	PP	72ME0409
30	ZN	66	7.308	Γ0	5.8(-1)	12	PP	73BE0354
30	ZN	66	7.696	Γ0	1.2(-1)	3	PP	73BE0354
30	ZN	67	0.184	T1/2	1.4(-10)		PP	71SH0024
30	ZN	67	0.184	T1/2	1.026(-9)	14	BM	72EN1306
30	ZN	67	0.1846	EB(E2)	1.85(-2)	18	K	73TH0720
30	ZN	67	0.3936	EB(E2)	1.15(-4)	11	K	73TH0720
30	ZN	67	0.605	T1/2	3.33(-7)	14	BM	73BE0486
30	ZN	67	0.605	T1/2	3.0(-7)	3	BM	71SA0243
30	ZN	67	0.816	EB(E2)	3.48(-2)	33	K	73TH0720
30	ZN	67	0.868	EB(E2)	6.28(-3)	67	K	73TH0720
30	ZN	68		B(E3)	3.39(-2)	24	P4	73LI0250
30	ZN	68		B(E2)	1.80(-1)	15	P4	73LI0250
30	ZN	68	1.078	Γ0	3.23(-4)	37		73AR1519
30	ZN	68	3.346	Γ0	4.2(-2)	7	PP	72ME0409
30	ZN	68	3.717	Γ0	8.5(-3)	22	PP	72ME0409
30	ZN	68	4.339	Γ0	3.8(-2)	10	PP	72ME0409
30	ZN	68	4.466	Γ0	6.5(-2)	19	PP	72ME0409
30	ZN	68	4.503	Γ0	3.8(-2)	13	PP	72ME0409
31	GA	64	0.992	T1/2	1.574(+2)	7	BM	73DA0122
31	GA	66	0.0438	T1/2	2.46(-8)	20	BM	72HE0417
31	GA	69	0.3184	B(E2)	6.6(-3)	10	KB	72AN0082
31	GA	69	0.3184	B(E2)	6.6(-3)	10	KB	72AN0818
31	GA	69	0.5739	B(E2)	8.5(-4)	13	KB	72AN0818
31	GA	69	0.5739	Γ0	3.5(-5)	4	PP	73AR1490
31	GA	69	0.5739	B(E2)	8.5(-4)	5	KB	72AN0082
31	GA	69	0.8717	B(E2)	8.5(-3)	13	KB	72AN0818
31	GA	69	0.8717	B(E2)	8.5(-3)	13	KB	72AN0082
31	GA	69	0.8717	Γ0	1.51(-3)	15	PP	73AR1490
31	GA	69	0.872	T1/2	2.0(-13)			73AN0360
31	GA	69	1.027	B(E2)	3.7(-3)	8	KB	72AN0818
31	GA	69	1.027	B(E2)	3.7(-3)	8	KB	72AN0082
31	GA	69	1.027	Γ0	< 3.5(-4)		PP	73AR1490
31	GA	69	1.106	T1/2	1.4(-13)			73AN0360
31	GA	69	1.1064	B(E2)	3.4(-2)	5	KB	72AN0818
31	GA	69	1.1064	B(E2)	3.4(-2)	5	KB	72AN0082
31	GA	69	1.1064	Γ0	2.8(-3)	2	PP	73AR1490
31	GA	69	1.356	T1/2	5.8(-13)			73AN0360
31	GA	69	1.3561	B(E2)	3.8(-2)	6	KB	72AN0082
31	GA	69	1.3562	Γ0	1.50(-3)	8	PP	73AR1490
31	GA	69	1.3564	B(E4)	3.8(-2)	6	KB	72AN0818
31	GA	69	1.4878	GΓ0	2.3(-4)	8	PP	73AR1490
31	GA	69	1.7255	Γ0	4.0(-4)	14	PP	73AR1490
31	GA	69	1.8908	GΓ0	1.52(-2)	15	PP	73AR1490
31	GA	69	2.0222	GΓ0	3.4(-3)	3	PP	73AR1490
31	GA	69	2.0426	GΓ0	3.2(-3)	10	PP	73AR1490
31	GA	70	0.879	T1/2	2.4(-8)	3	BM	73CA0456
31	GA	71	0.3699	B(E2)	< 1.7(-4)		KB	72AN0818
31	GA	71	0.4873	B(E2)	< 3.4(-4)		KB	72AN0818
31	GA	71	0.5116	B(E2)	8.0(-3)	13	KB	72AN0818
31	GA	71	0.910	T1/2	3.7(-13)			73AN0360

31	GA	71	0.9103	GFO	5.7(-4)	5	PP	73AR1490
31	GA	71	0.9103	B(E2)	2.0(-3)	3	KB	72AN0818
31	GA	71	0.9647	FO	2.4(-4)	4	PP	73AR1490
31	GA	71	0.965	B(E2)	3.2(-2)	5	KB	72AN0818
31	GA	71	1.1075	B(E2)	2.9(-3)	5	KB	72AN0818
31	GA	71	1.109	B(E2)	6.3(-3)	9	KB	72AN0818
31	GA	71	1.1093	FO	4.8(-3)	6	PP	73AR1490
31	GA	71	1.395	B(E2)	9.6(-3)	14	KB	72AN0818
31	GA	71	1.395	T1/2	3.2(-13)			73AN0360
31	GA	71	1.3952	GFO	2.7(-4)	6	PP	73AR1490
31	GA	71	1.4761	B(E2)	< 5.1(-3)		KB	72AN0818
31	GA	71	1.7197	GFO	1.6(-3)	6	PP	73AR1490
31	GA	71	2.0646	GFO	2.9(-3)	4	PP	73AR1490
31	GA	72		T1/2	2.750(-2)	9	BM	72BR0045
32	GE	64	0.427	T1/2	7.0(+1)	7	BM	73DA0122
32	GE	70	1.216	B(E2)	1.58(-2)	24	KB	72SI0553
32	GE	70	1.216	T1/2	3.6(-9)	3		72SI0553
32	GE	71		T1/2	1.520(-2)	5	BM	72BR0045
32	GE	72	0.834	B(E2)	1.322(-1)	241	KB	72HA1964
32	GE	72	0.8347	EB(E2)	1.800(-1)	200	KB	72SA0312
32	GE	72	0.835	EB(E2)	1.8(-1)		K	72SA0675
32	GE	72	0.835	T1/2	3.2(-12)	6	PP	73KA0046
32	GE	73	0.0134	T1/2	3.2(-6)	1	BM	72V00060
32	GE	73	0.0686	EB(E2)	7.3(-2)	7	KB	72SA0675
32	GE	73	0.0686	EB(E2)	7.30(-2)	70	KB	72SA0312
32	GE	73	0.4504	EB(E2)	7.5(-3)	4	KB	72SA0312
32	GE	73	0.4859	EB(E2)	1.3(-3)	1	KB	72SA0312
32	GE	73	0.499	EB(E2)	9.1(-3)	5	KB	72SA0675
32	GE	73	0.4990	EB(E2)	3.1(-4)	9	KB	72SA0312
32	GE	73	0.8256	EB(E2)	7.7(-2)	4	KB	72SA0312
32	GE	73	0.8256	EB(E2)	7.7(-2)	4	KB	72SA0675
32	GE	74	0.596	EB(E2)	2.9(-1)		KB	72SA0675
32	GE	74	0.596	EB(E2)	2.900(-1)	200	KB	72SA0312
32	GE	76	0.563	EB(E2)	2.700(-1)	200	KB	72SA0312
32	GE	76	0.5632	EB(E2)	2.7(-1)		KB	72SA0675
33	AS	75		T1/2	1.215(-2)	5	BM	72BR0045
33	AS	75	0.280	T1/2	3.1(-10)	3	BM	72CH0427
33	AS	75	0.280	T1/2	2.77(-10)	31	BM	72GU0669
33	AS	77	0.264	T1/2	3.5(-10)	2	BM	73CH0461
33	AS	77	0.632	T1/2	< 8.5(-11)		BM	73CH0461
33	AS	77	0.652	T1/2	8.0(-11)	12	BM	72LA0065
34	SE	72	0.937	T1/2	2.0(-8)		BM	72DR0908
34	SE	72	0.937	T1/2	1.0(-8)	4	BM	72RA0721
34	SE	75	0.2865	T1/2	2.96(-8)	32	BM	72C00385
34	SE	76	1.216	T1/2	1.0(-11)	2	PP	73KA0046
34	SE	77		T1/2	1.758(+1)	12	BM	72J00221
34	SE	78		T1/2	6.9(+1)	2	BM	74KR0095
34	SE	78	2.508	T1/2	1.2(-12)	+11-5	A	73HE0052
34	SE	80	0.667	T1/2	7.8(-11)	11	PP	73KA0046
35	BR	76	0.0455	T1/2	1.13(-9)	6	BM	73L00253
35	BR	76	0.2522	T1/2	2.18(-9)	9	BM	73L00253
35	BR	76	0.3554	T1/2	5(-10)	2	BM	73L00253
35	BR	76	0.4521	T1/2	4(-10)	1	BM	73L00253
35	BR	78	0.0531	T1/2	1.42(-8)	3	BM	72CH0751
35	BR	79		T1/2	4.97	10	BM	72J00221
35	BR	81	0.2759	B(E2)	5.14(-2)	27	KB	72R00014
35	BR	81	0.5362	B(E2)	8.5(-3)	5	KB	72R00014
35	BR	81	0.5382	T1/2	4.1(-13)	13	A	72R00014
35	BR	81	0.5660	B(E2)	2.5(-3)	2	KB	72R00014
35	BR	81	0.6500	B(E2)	2.24(-3)	13	KB	72R00014
35	BR	81	0.6500	T1/2	2.5(-12)	+7-13	A	72R00014
35	BR	81	0.7671	B(E2)	3.01(-2)	16	KB	72R00014
35	BR	81	0.7671	T1/2	2.9(-13)	6	A	72R00014
35	BR	81	0.8285	B(E2)	8.7(-3)	10	KB	72R00014
35	BR	81	0.8285	T1/2	2.5(-13)	8	A	72R00014
35	BR	81	0.8365	B(E2)	5.5(-2)	4	KB	72R00014
35	BR	81	0.8365	T1/2	4.4(-13)	10	A	72R00014

35	BR	81	1.3227	B(E2)	1.23(-2)	16	KB	72R0001
35	BR	83	0.356	T1/2	< 2(-10)		BM	73BE0047
35	BR	83	1.094	T1/2	3.65(-9)	9	BM	73BE0047
36	KR	77		T1/2	1.68(+2)	6	BM	72AR0253
36	KR	79	0.1468	T1/2	7.93(-8)	15	BM	72BR0263
36	KR	79	0.182	T1/2	<= 6(-10)		BM	72BR0263
36	KR	82	0.776	T1/2	< 1.4(-11)		BM	72BE0066
36	KR	82	1.474	T1/2	< 2(-11)		BM	72BE0066
36	KR	82	1.820	T1/2	< 1.4(-11)		BM	72BE0066
36	KR	82	2.093	T1/2	< 2(-11)		BM	72BE0066
36	KR	82	2.648	T1/2	1.74(-10)	20	BM	72BE0066
37	RB	78	0.103	T1/2	3.6(+2)		BM	73ZI0070
37	RB	78	0.1031	T1/2	2.52(+2)	12	BM	73BA0243
37	RB	78	0.1033	T1/2	2.88(+2)	36	BM	73BR0493
37	RB	83	0.00523	T1/2	7.15(-8)	8	BM	72MO0170
37	RB	83	0.0994	T1/2	< 1.0(-10)		BM	73BR0493
37	RB	83	0.3894	T1/2	< 9(-10)		BM	73BR0493
37	RB	83	0.4237	T1/2	< 1.0(-10)		BM	73BR0493
37	RB	83	0.805	T1/2	< 4(-11)		BM	73BR0493
37	RB	85	0.1512	B(E2)	3.5(-3)	4	K	73B00239
37	RB	85	0.281	B(E2)	1.6(-3)	2	K	73B00239
37	RB	85	0.514	T1/2	9.85(-7)	20	BM	72AD0587
37	RB	85	0.517	T1/2	1.015(-6)	1	BM	72M10011
37	RB	85	0.7518	B(E2)	1.01(-2)	10	K	73B00239
37	RB	85	0.7518	T1/2	4.4(-12)	5	A	73B00239
37	RB	85	0.8682	B(E2)	3.6(-2)	4	K	73B00239
37	RB	85	0.8682	T1/2	2.9(-12)	4	A	73B00239
37	RB	85	0.870	T1/2	1.6(-12)	2	A	73ER0364
37	RB	87	0.4026	B(E2)	5.4(-3)	6	K	73B00393
37	RB	92	0.1423	T1/2	7.5(-10)	3		72MC0340
38	SR	83	0.2593	T1/2	4.95	12	BM	73SI1098
38	SR	85	0.740	T1/2	1.25(-13)	77	A	72BU0289
38	SR	85	0.740	T1/2	1.8(-13)	11	A	72BU0289
38	SR	85	1.150	T1/2	1.65(-13)	75	A	72BU0289
38	SR	85	1.150	T1/2	1.14(-13)	52	A	72BU0289
38	SR	85	1.650	T1/2	2.10(-13)	+350-104	A	72BU0289
38	SR	85	1.650	T1/2	< 8(-13)		A	72BU0289
38	SR	88	1.840	B(E2)	1.14(-1)	15	K	73CH0433
38	SR	88	2.734	T1/2	2.4(-13)	+31-10	PP	72CA1089
39	Y	83		T1/2	1.710(+2)	12	BM	73SI1098
39	Y	86	0.2184	T1/2	2.880(+3)	120	BM	72SI0171
39	Y	88	0.6738	T1/2	1.43(-2)	1	BM	72RA7233
39	Y	88	0.6738	T1/2	1.430(-2)	10	BM	72RA0033
39	Y	88	0.675	T1/2	1.39(-2)	3	BM	72RA1057
39	Y	89	0.907	T1/2	1.59(+1)	4	BM	73FO0310
39	Y	89	1.507	MO	2.23(-2)	14		73AR1519
39	Y	93	0.7587	T1/2	> 6.9(-9)		BM	72HE0424
40	ZR	87	0.3359	T1/2	1.40(+1)	2	BM	72TU0067
40	ZR	89	1.095	T1/2	> 5.2(-14)		A	72GI0369
40	ZR	89	1.452	T1/2	> 2.1(-12)		A	72GI0369
40	ZR	89	1.628	T1/2	2.56(-13)	35	A	72GI0369
40	ZR	89	1.743	T1/2	4.90(-13)	125	A	72GI0369
40	ZR	89	1.835	T1/2	3.2(-13)	13	A	72GI0369
40	ZR	89	1.865	T1/2	> 5.2(-13)		A	72GI0369
40	ZR	89	1.943	T1/2	< 1(-8)		BM	73NI0448
40	ZR	89	2.087	T1/2	> 6.9(-13)		A	72GI0369
40	ZR	89	2.100	T1/2	1.25(-13)	42	A	72GI0369
40	ZR	89	2.121	T1/2	< 1(-8)		BM	73NI0448
40	ZR	89	2.220	T1/2	< 3.5(-15)		A	72GI0369
40	ZR	89	2.298	T1/2	7.3(-14)	21	A	72GI0369
40	ZR	89	2.388	T1/2	1.25(-13)	42	A	72GI0369
40	ZR	89	2.568	T1/2	> 9.0(-13)		A	72GI0369
40	ZR	89	2.572	T1/2	9.0(-14)	21	A	72GI0369
40	ZR	89	2.724	T1/2	< 1(-8)		BM	73NI0448
40	ZR	89	2.995	T1/2	< 1(-8)		BM	73NI0448
40	ZR	90		T1/2	5.607(-1)	14	BM	72BR0045
40	ZR	90		T1/2	6.03(-8)	25	BM	72BU0514

40	ZR	90	1.760	T1/2	6.13(-8)	25	BM	72EU0357
40	ZR	90	2.186	B(E2)	6.08(-2)	35	PP	72ME0213
40	ZR	91	3.1	T1/2	4.26(-6)	35	BM	73BR1417
40	ZR	96		T1/2	3.80(-8)	15	BM	72BU0514
40	ZR	96	1.590	T1/2	3.80(-8)	15	BM	72BU0357
40	ZR	96	1.590	T1/2	3.78(-8)	12	BM	72AN0514
41	NB	87		T1/2	2.28(+2)	6	BM	73VO7177
41	NB	87		T1/2	1.56(+2)	6	BM	72TU0067
41	NB	88		T1/2	4.38(+2)	7	BM	73AR6966
41	NB	91	2.034	T1/2	3.76(-6)	12	BM	73BR1416
41	NB	91	3.467	T1/2	< 1(-8)		BM	73GR0429
41	NB	92	0.227	T1/2	5.0(-6)	10	BM	72KU0331
41	NB	93	0.685	T1/2	2.8(-13)	+48-14	A	73TA2580
41	NB	93	0.742	T1/2	5.5(-13)	7	A	73ER0366
41	NB	93	0.742	B(E2)	2.3(-2)	5	KB	72AN0809
41	NB	93	0.744	T1/2	> 7(-13)		A	73TA2580
41	NB	93	0.7447	B(E2)	1.80(-2)	13	KB	72KR0153
41	NB	93	0.8086	T1/2	> 3(-12)		A	73TA2580
41	NB	93	0.809	B(E2)	2.2(-2)	4	KB	72AN0809
41	NB	93	0.8090	T1/2	> 1(-12)		A	73TA2580
41	NB	93	0.8093	B(E2)	1.67(-2)	12	KB	72KR0153
41	NB	93	0.9505	B(E2)	2.47(-2)	17	KB	72KR0153
41	NB	93	0.952	B(E2)	3.1(-2)	6	KB	72AN0809
41	NB	93	0.9790	B(E2)	1.27(-2)	11	KB	72KR0153
41	NB	93	0.980	B(E2)	2.3(-2)	5	KB	72AN0809
41	NB	93	0.980	T1/2	2.4(-13)	2	A	73ER0366
41	NB	93	1.080	B(E2)	3.3(-3)	7	KB	72AN0809
41	NB	93	1.0840	B(E2)	2.19(-3)	26	KB	72KR0153
41	NB	93	1.295	B(E2)	4.6(-3)	9	KB	72AN0809
41	NB	96	0.142	T1/2	< 7.6(-10)		BM	72CO0164
41	NB	96	0.180	T1/2	< 7.6(-10)		BM	72CO0164
41	NB	96	0.506	T1/2	< 4.2(-10)		BM	72CO0164
41	NB	96	0.650	T1/2	< 1.4(-9)		BM	72CO0164
41	NB	96	0.687	T1/2	< 1.4(-9)		BM	72CO0164
42	MO	91	2.940	T1/2	< 1(-8)		BM	73NI0448
42	MO	91	3.545	T1/2	< 1(-8)		BM	73NI0448
42	MO	91	3.809	T1/2	< 1(-8)		BM	73NI0448
42	MO	91	4.341	T1/2	< 1(-8)		BM	73NI0448
42	MO	91	4.626	T1/2	< 1(-8)		BM	73NI0448
42	MO	91	5.243	T1/2	< 1(-8)		BM	73NI0448
42	MO	92	2.613	T1/2	1.51(-9)	8	BM	73CA0575
42	MO	92	2.613	T1/2	1.51(-9)	8	BM	73GI0575
42	MO	92	2.613	T1/2	1.50(-9)	15	BM	72KO0335
42	MO	92	2.761	T1/2	1.84(-7)	5	BM	72AD0587
42	MO	94	0.871	B(E2)	2.18(-1)	11	KB	72BA1339
42	MO	94	1.5737	B(E2)	1.20(-1)	18	KB	72BA1339
42	MO	94	1.8642	B(E2)	3.2(-3)	7	KB	72BA1339
42	MO	94	2.5337	B(E3)	6.2(-2)	12	KB	72BA1339
42	MO	95	0.204	T1/2	8.12(-10)	42	BM	66AN0298
42	MO	95	0.204	T1/2	7.2(-10)	4	BM	73BE0047
42	MO	95	0.204	B(E2)	4.8(-2)	2	KB	72AN0083
42	MO	95	0.204	B(E2)	4.3(-2)	5	KB	72ME0061
42	MO	95	0.766	B(E2)	< 5(-4)		KB	72ME0061
42	MO	95	0.786	B(E2)	1.4(-2)	2	KB	72AN0083
42	MO	95	0.788	T1/2	< 3(-10)		BM	73BE0047
42	MO	95	0.788	B(E2)	3(-3)	1	KB	72ME0061
42	MO	95	0.948	T1/2	1.98(-12)	50	A	72ME0061
42	MO	95	0.948	T1/2	2.1(-12)	4	A	73ER0363
42	MO	95	0.948	B(E2)	5.0(-2)	5	KB	72ME0061
42	MO	95	0.948	B(E2)	5.7(-2)	8	KB	72AN0083
42	MO	95	1.073	B(E2)	4.5(-2)	7	KB	72AN0083
42	MO	95	1.074	T1/2	3.8(-13)	6	A	73ER0363
42	MO	95	1.074	T1/2	6.8(-13)	18	A	72ME0061
42	MO	95	1.074	B(E2)	4.0(-2)	5	KB	72ME0061
42	MO	97	0.4809	B(E2)	2.04(-2)	15	KB	72BA1376
42	MO	97	0.481	B(E2)	2.4(-2)	4	KB	72AN0083
42	MO	97	0.6582	B(E2)	4.1(-4)	10	KB	72BA1376

42	MO	97	0.6796	B(E2)	4.4(-3)	4	KB	72BA1376
42	MO	97	0.680	B(E2)	6.6(-2)	10	KB	72AN0083
42	MO	97	0.719	B(E2)	5.2(-3)	13	KB	72AN0083
42	MO	97	0.7193	B(E2)	4.0(-3)	4	KB	72BA1376
42	MO	97	0.7211	B(E2)	1.5(-3)	2	KB	72BA1376
42	MO	97	0.8880	B(E2)	1.8(-3)	8	KB	72BA1376
42	MO	97	1.024	T1/2	4.5(-13)	7	A	73ER0363
42	MO	97	1.0246	B(E2)	4.48(-2)	35	KB	72BA1376
42	MO	97	1.025	B(E2)	5.2(-2)	8	KB	72AN0083
42	MO	97	1.0926	B(E2)	3.2(-3)	4	KB	72BA1376
42	MO	97	1.1167	B(E2)	4.32(-2)	50	KB	72BA1376
42	MO	97	1.117	T1/2	9.2(-13)	14	A	73ER0363
42	MO	97	1.117	B(E2)	4.9(-2)	15	KB	72AN0083
42	MO	97	1.2688	B(E2)	1.10(-2)	20	KB	72BA1376
42	MO	97	1.5155	B(E2)	4.9(-3)	6	KB	72BA1376
42	MO	98	0.735	T1/2	2.18(-8)	9	BM	72BU0357
42	MO	98	0.735	T1/2	2.2(-8)	1	BM	67HU0162
42	MO	98	0.7875	B(E2)	2.86(-1)	9	KB	72BA1359
42	MO	98	1.4322	B(E2)	1.29(-2)	11	KB	72BA1359
42	MO	98	1.5103	B(E2)	2.36(-1)	24	KB	72BA1359
42	MO	98	1.7588	B(E2)	1.1(-1)	9	KB	72BA1359
42	MO	98	1.7588	B(E2)	< 5(-4)		KB	72BA1359
42	MO	98	2.0176	B(E3)	1.33(-1)	13	KB	72BA1359
42	MO	100	0.5356	B(E2)	5.26(-1)	26	KB	72BA1359
42	MO	100	0.6944	B(E2)	3.8(-2)	6	KB	72BA1359
42	MO	100	0.695	T1/2	1.7(-9)	2	A	72AN0514
42	MO	100	1.0637	B(E2)	1.13(-2)	8	KB	72BA1359
42	MO	100	1.0637	B(E2)	1.78(-1)	21	KB	72BA1359
42	MO	100	1.1361	B(E2)	3.51(-1)	30	KB	72BA1359
42	MO	100	1.9081	B(E3)	1.32(-1)	17	KB	72BA1359
42	MO	100	6.418	Γ	5.0(-2)	35	PP	73MO0477
42	MO	100	6.517	Γ	1.8(-1)	10	PP	73MO0477
42	MO	100	7.657	Γ	1.4(-1)	4	PP	73MO0477
43	TC	93	2.2	T1/2	8.9(-6)	12	BM	73BR1417
43	TC	93	2.215	T1/2	< 1(-5)		BM	73GR0429
43	TC	93	2.215	T1/2	> 1(-6)		BM	73GR0429
43	TC	94	0.353	T1/2	1.7(-9)	2	BM	73SN1417
43	TC	96	0.119	T1/2	2.6(-8)	1	BM	73SN1417
43	TC	96	0.314	T1/2	2.0(-9)	2	BM	73SN1417
43	TC	97	0.215	T1/2	9.2(-11)	12	BM	72BE0066
43	TC	97	0.216	T1/2	< 1.5(-10)		BM	73CH0461
43	TC	97	0.325	T1/2	3.7(-10)	2	BM	73CH0461
43	TC	99	0.140	T1/2	2.37(-10)	14	M	73SHL144
43	TC	99	0.1404	B(E2)	1.08(-1)	12	KB	72BO0389
43	TC	99	0.1817	B(E2)	2.7(-2)	3	KB	72BO0389
43	TC	99	0.726	T1/2	7.6(-13)	2	A	72BO0389
43	TC	99	0.7263	B(E2)	6.5(-2)	7	KB	72BO0389
43	TC	99	0.7618	B(E2)	1.20(-1)	15	KB	72BO0389
43	TC	99	0.762	T1/2	1.4(-12)	3	A	72BO0389
43	TC	101	0.890	T1/2	< 2(-11)		BM	73BE0047
43	TC	101	1.210	T1/2	3.5(-11)	15	BM	73BE0047
44	RU	99	0.0894	T1/2	2.05(-8)	1	BM	72GU0311
44	RU	99	0.440	T1/2	< 1.5(-10)		BM	72BE0072
44	RU	99	0.617	T1/2	1.038(-9)	80	BM	72BE0072
44	RU	99	0.897	T1/2	< 1.5(-10)		BM	72BE0072
44	RU	101	0.127	T1/2	3.92(-10)	24	BM	72BE0072
44	RU	101	0.307	T1/2	5.26(-11)	146	BM	72BE0072
44	RU	101	0.311	T1/2	< 1.4(-10)		BM	72BE0072
44	RU	101	0.545	T1/2	< 3.1(-11)		BM	72BE0072
45	RH	103		T1/2	3.36696(+3)	54	BM	73GU0087
45	RH	103	0.093	T1/2	1.06(-9)	5	BM	73BA0090
45	RH	103	0.093	T1/2	1.13(-9)	3	BM	71BA1173
45	RH	103	0.093	T1/2	1.13(-9)	3	BM	72JA0437
45	RH	103	0.2951	B(E2)	2.18(-1)	15	KB	72SA0122
45	RH	103	0.3576	B(E2)	3.92(-1)	27	KB	72SA0122
45	RH	103	0.8804	B(E2)	1.31(-2)	10	KB	72SA0122
45	RH	103	1.2772	B(E2)	4.9(-3)	4	KB	72SA0122

45	RH	105	0.1492	T1/2	3(-10)		BM	72JA0437
45	RH	105	0.469	T1/2	6.8(-11)	9	BM	72BE0066
45	RH	105	0.724	T1/2	1.87(-11)	56	BM	72BE0066
45	RH	105	0.806	T1/2				72BE0066
46	PD	103	0.118	T1/2	6.29(-10)	60	BM	72BE0074
46	PD	103	0.244	T1/2	< 1.5(-10)		BM	72BE0074
46	PD	103	0.267					72BE0074
46	PD	105	0.280	T1/2	6.7(-11)	14	BM	72BE0074
46	PD	105	0.306	T1/2	4.0(-11)	10	BM	72BE0074
46	PD	105	0.319					72BE0074
46	PD	105	0.782	T1/2	1.3(-12)	2	A	73ER0364
46	PD	105	0.782	T1/2	2.0(-12)	2	A	72SI0536
47	AG	107	0.093	T1/2	4.0(+1)	6	BM	73CO0161
47	AG	107	0.126	T1/2	2.85(-9)	10	BM	72JA0437
47	AG	107	0.3244	B(E2)	2.02(-1)	18	KB	73CO0161
47	AG	107	0.4225	B(E2)	3.03(-1)	24	KB	73CO0161
47	AG	107	0.787	T1/2	1.8(-13)	3	A	73ER0366
47	AG	107	0.949	T1/2	1.2(-12)	+15-4	A	73ER0366
47	AG	107	1.465	T1/2	6(-13)		A	73ER0366
47	AG	108	0.3632	T1/2	< 5(-9)		BM	72BO0620
47	AG	109	0.088	T1/2	3.5(+1)	5	BM	73CO0161
47	AG	109	0.1326	T1/2	2.60(-9)	12	BM	72JA0443
47	AG	109	0.311	B(E2)	1.11(-1)	9	KB	72TH0585
47	AG	109	0.311	B(E2)	2.10(-1)	18	KB	73CO0161
47	AG	109	0.4146	B(E2)	3.15(-1)	24	KB	73CO0161
47	AG	109	0.415	B(E2)	1.07(-1)	9	KB	72TH0585
47	AG	109	0.702	T1/2	2.1(-13)	7	A	73ER0366
47	AG	109	0.863	T1/2	1.1(-12)	+10-5	A	73ER0366
47	AG	110	0.00128	T1/2	APR?(-6)		BM	72KO0051
47	AG	110	0.00128	T1/2	6.9(-7)	3	BM	73SI0703
47	AG	111	0.150	T1/2	9.2(-10)	4	BM	72JA0443
48	CD	105	0.131	T1/2	1.75(-9)	10	BM	73RO2332
48	CD	105	> 2.500	T1/2	5(-6)	1	BM	73HE0081
48	CD	105	> 2.518	T1/2	4.8(-6)	5	BM	73HE0056
48	CD	106	1.718	B(E2)	2.1(-2)	7	K	73GR0633
48	CD	107	0.205	T1/2	7.1(-10)	4	BM	73RO2332
48	CD	107	0.321	T1/2	< 4(-11)		BM	73RO2332
48	CD	107	0.8456	T1/2	8.0(-8)	8	BM	73HA0083
48	CD	107	0.846	T1/2	6.7(-8)	6	BM	73HA0057
48	CD	107	2.679	T1/2	5.5(-8)	5	BM	73HA0057
48	CD	109	0.203	T1/2	5.2(-11)		BM	72LA0079
48	CD	109	0.2035	T1/2	< 4(-11)		BM	73RO2332
48	CD	110	0.456	B(E2)	4.32(-1)	6	KB	72BE0312
48	CD	111	0.342	T1/2	4.9(-11)		BM	72LA0079
48	CD	111	1.020	T1/2	6.9(-13)	20	A	73ER0364
48	CD	112	1.312	B(E2)	5.8(-2)	11	K	73GR0633
48	CD	112	1.4688	B(E2)	3(-4)	+5-3	K	73GR0633
48	CD	113	0.263	T1/2	4.60(+8)	16	BM	72WA1767
48	CD	113	0.2986	B(E2)	1.3(-1)	2	KB	72AN2172
48	CD	113	0.3162	B(E2)	8.0(-3)	10	KB	72AN2172
48	CD	113	0.5837	B(E2)	3.2(-1)	6	KB	72AN2172
48	CD	113	0.6809	B(E2)	7.0(-2)	15	KB	72AN2172
48	CD	113	0.6894	B(E2)	1.1(-2)	2	KB	72AN2172
48	CD	114	0.558	B(E2)	5.13(-1)	5	KB	72BE0312
48	CD	114	1.208	B(E2)	7.9(-2)	23	K	73GR0633
48	CD	114	1.363	B(E2)	5(-5)	+43-5	K	73GR0633
48	CD	117		T1/2	1.224(+4)	720	BM	72GR2012
49	IN	107	0.6785	T1/2	5.18(+1)	20	BM	73NY0265
49	IN	112		T1/2	2.1(-6)	2	BM	72BR0040
49	IN	112		T1/2	1.6(-6)	2	BM	72BR0040
49	IN	112	0.1555	T1/2	1.26(+3)			73FR0059
49	IN	112	0.3432	T1/2	1.5(-6)			73FR0059
49	IN	112	0.558	T1/2	1.6(-6)	2	BM	72BR0040
49	IN	112	0.6061	T1/2	1.2(-6)			73FR0059
49	IN	113	1.132	T1/2	4.2(-13)	7	A	73ER0364
49	IN	113	1.347	T1/2	2.8(-13)	+7-4	A	73ER0364
49	IN	114		T1/2	2.788(-2)	19	BM	72BR0045

49	IN	115	0.336	T1/2	1.5120(+4)	252	BM	73F00310
49	IN	115	0.9336	T1/2	5.7(-11)	5	BM	73SE0385
49	IN	115	1.078	T1/2	7.0(-13)	10	A	73ER0364
49	IN	115	1.133	T1/2	6.9(-14)	7	PP	73B00220
49	IN	115	1.153	T1/2	4(-14)	+2-1	A	73ER0364
49	IN	115	1.290	T1/2	3.1(-13)	5	A	73ER0364
49	IN	115	1.291	T1/2	4.8(-13)	21	PP	73B00220
49	IN	115	1.449	T1/2	5.0(-13)	21	PP	73B00220
49	IN	115	1.464	T1/2	6.0(-14)	15	PP	73B00220
49	IN	115	1.487	T1/2	5.3(-13)	22	PP	73B00220
49	IN	117	0.660	T1/2	5.35(-8)		BM	72RA0054
49	IN	119	0.31139	T1/2	1.080(+3)	30	BM	73RA0343
49	IN	123	0.320	T1/2	4.78(+1)	30	BM	72AU0371
50	SN	111	0.2545	T1/2	1.8(-5)	1	BM	72BR0236
50	SN	111	0.9796	T1/2	7.9(-9)	8	BM	72BR0236
50	SN	113	0.740	T1/2	3.5(-7)	15	BM	71BR0001
50	SN	113	0.740	T1/2	3.3(-7)	10	BM	72BR0236
50	SN	113	0.74	T1/2	8.1(-3)	6	BM	73BR0703
50	SN	114	3.210	T1/2	8.4(-7)	7	BM	72BR0236
50	SN	116	2.3907	T1/2	2.8(-13)	14	PP	72KA0064
50	SN	117		T1/2	1.9(-6)	2	BM	72R00042
50	SN	117	0.158	B(E2)	6.2(-4)	7	KB	72ST0197
50	SN	117	0.1586	T1/2	2.79(-10)	9	BM	72EN1368
50	SN	117	0.1586	T1/2	2.79(-10)	9	BM	72J00142
50	SN	117	1.004	T1/2	9.0(-13)	14	A	73ER0366
50	SN	117	1.005	T1/2	1.25(-12)	41	A	72ST0197
50	SN	117	1.005	B(E2)	7.30(-2)	30	KB	72ST0197
50	SN	117	1.020	T1/2	4.1(-13)	1	A	72ST0197
50	SN	117	1.020	B(E2)	6.20(-2)	30	KB	72ST0197
50	SN	117	1.020	T1/2	4.9(-13)	10	A	73ER0366
50	SN	117	1.180	B(E2)	6.8(-3)	6	KB	72ST0197
50	SN	117	1.447	T1/2	3.5(-13)	10	A	72ST0197
50	SN	117	1.447	B(E2)	3.60(-2)	20	KB	72ST0197
50	SN	117	1.498	B(E2)	< 4(-4)		KB	72ST0197
50	SN	117	1.578	B(E2)	< 1(-3)		KB	72ST0197
50	SN	118		T1/2	2.9(-6)	3	BM	72R00044
50	SN	119	0.920	T1/2	1.00(-12)	10	A	73ER0366
50	SN	119	0.9205	T1/2	1.6(-12)	5	A	72ST0197
50	SN	119	0.9205	B(E2)	7.20(-2)	70	KB	72ST0197
50	SN	119	0.9214	T1/2	1.25(-12)	41	A	72ST0197
50	SN	119	0.9214	B(E2)	6.00(-2)	75	KB	72ST0197
50	SN	119	1.090	T1/2	2.1(-13)	7	A	72ST0197
50	SN	119	1.090	B(E2)	3.10(-2)	15	KB	72ST0197
50	SN	119	1.188	B(E2)	< 6(-4)		KB	72ST0197
50	SN	119	1.354	B(E2)	2.30(-2)	15	KB	72ST0197
50	SN	119	1.354	T1/2	4.1(-13)	14	A	72ST0197
50	SN	119	1.574	B(E2)	< 2.0(-3)		KB	72ST0197
50	SN	122	1.140	B(E2)	3.0(-1)	15	P4	72BE0440
50	SN	122	1.140	B(E2)	2.24(-1)	29	P4	72BE0440
50	SN	122	1.140	B(E2)	2.66(-1)	17	P4	72BE0440
50	SN	122	2.492	B(E3)	1.46(-1)	28	P4	72BE0440
50	SN	122	2.492	B(E3)	1.40(-1)	16	P4	72BE0440
50	SN	125	0.026	T1/2	5.712(+2)	30	BM	72AU0480
50	SN	127		T1/2	2.64(+2)	6	BM	72AU0092
50	SN	130	1.217	T1/2	< 1.5(-8)		BM	73KE0520
50	SN	130	1.8	T1/2	9.6(+1)		BM	73KE1620
50	SN	130	1.992	T1/2	< 1.5(-8)		BM	73KE0520
50	SN	130	2.119	T1/2	< 1.5(-8)		BM	73KE0520
51	SB	114		T1/2	4.80(+2)	120	BM	72SI0449
51	SB	114	0.422	T1/2	2.75(-4)		BM	71MI0035
51	SB	114	0.422	T1/2	2.75(-4)	20	BM	73GI0874
51	SB	117	1.323	T1/2	1.0(-9)	2	BM	72FR0044
51	SB	117	3.130	T1/2	3.90(-4)	30	BM	72ME0192
51	SB	121	0.037	T1/2	2.96(-9)	8	BM	73BE0063
51	SB	121	0.506	T1/2	< 3(-10)		BM	73BE0063
51	SB	121	0.507	GRO	1.2(-4)	6	PP	73B01500
51	SB	121	0.507	T1/2	< 2(-10)		BM	73BE0063

51	SB	121	0.573	T1/2	< 3(-10)		ВИ	73BE0063
51	SB	121	0.573	T1/2	< 2(-10)		ВИ	73BE0063
51	SB	121	0.947	GTO	< 1.1(-4)		РР	73B01500
51	SB	121	1.024	GTO	2.6(-3)	4	РР	73B01500
51	SB	121	1.055	GTO	< 1.1(-4)		РР	73B01500
51	SB	121	1.139	GTO	< 2(-4)		РР	73B01500
51	SB	121	1.141	GTO	1 5(-3)	2	РР	73B01500
51	SB	121	1.382	GTO	4.6(-3)	6	РР	73B01500
51	SB	121	1.408	GTO	8(-4)	2	РР	73B01500
51	SB	121	1.423	GTO	1.0(-3)		РР	73B01500
51	SB	121	1.472	GTO	< 2(-4)		РР	73B01500
51	SB	121	1.475	GTO	< 1.9(-4)		РР	73B01500
51	SB	121	1.623	GTO	2.4(-3)	4	РР	73B01500
51	SB	122	0.061	T1/2	1.86(-6)	8	ВИ	73HE2128
51	SB	123	0.160	T1/2	6(-10)	4	ВИ	73BE0063
51	SB	123	1.032	GTO	3.0(-3)	3	РР	73B01500
51	SB	123	1.052	B(E2)	8(-2)	1	КВ	72AU0377
51	SB	123	1.089	T1/2	< 2(-10)		ВИ	73BE0063
51	SB	123	1.089	GTO	1.0(-3)	2	РР	73B01500
51	SB	123	1.090	B(E2)	5.5(-2)	14	КВ	72AU0377
51	SB	123	1.181	GTO	< 2(-4)		РР	73B01500
51	SB	123	1.338	GTO	< 2.3(-4)		РР	73B01500
51	SB	123	1.510	GTO	3.8(-3)	8	РР	73B01500
51	SB	123	1.574	GTO	< 2(-4)		РР	73B01500
51	SB	125	0.352	T1/2	1.48(-10)	10	ВИ	73BE0063
51	SB	126	0.0416	T1/2	< 1(+1)		ВИ	72SM0511
51	SB	126	0.0416	T1/2	> 1(-4)		ВИ	72SM0511
51	SB	126	APRO.130	T1/2	7.80(-6)	5	ВИ	72SM0511
51	SB	130	0.0699	T1/2	3.6(-9)	3	ВИ	73KE1620
51	SB	132	0.0855	T1/2	1.48(-8)	18	ВИ	72KE0159
51	SB	132	0.0855	T1/2	1.48(-8)	18	ВИ	73KE1617
51	SB	132	0.4257	T1/2	< 2(-9)		ВИ	73KE1617
51	SB	132	0.4257	T1/2	< 2(-9)		ВИ	72KE0159
51	SB	132	1.0777	T1/2	< 2(-9)		ВИ	72KE0159
51	SB	132	1.0777	T1/2	< 2(-9)		ВИ	73KE1617
51	SB	132	1.3243	T1/2	< 8(-10)		ВИ	73KE1617
51	SB	132	1.3243	T1/2	< 8(-10)		ВИ	72KE0159
52	TE	115	0.279	T1/2	7.5(-6)	2	ВИ	72VA0054
52	TE	115	0.2803	T1/2	6.3(-6)	3	ВИ	72BR0236
52	TE	117	> 0.300	T1/2	1.04(-2)		ВИ	72BR0236
52	TE	122	0.564	B(E2)	6.1(-1)	3	КВ	72LA0453
52	TE	122	0.564	B(E2)	6.67(-1)	6	К	72LA0536
52	TE	123	0.247	T1/2	1.0342(+7)	9	ВИ	72EM0379
52	TE	123	0.440	T1/2	1.23(-12)	21	Д	73ER0364
52	TE	124	0.603	B(E2)	5.76(-1)	6	К	72LA0536
52	TE	125	0.035	T1/2	1.50(-9)	8	ВИ	72BA0483
52	TE	125	0.0355	T1/2	1.51(-9)	5	ВИ	72SA0600
52	TE	125	0.321	T1/2	7.04(-10)	21	ВИ	72SA1243
52	TE	125	0.463	T1/2	2.5(-11)	8	ВИ	72SA0600
52	TE	125	0.662	T1/2	7.6(-13)	7	Д	73ER0364
52	TE	125	2.3752	T1/2	< 2(-8)		ВИ	72KE0064
52	TE	129	0.106	T1/2	2.95(+6)	2	ВИ	72HD0147
52	TE	130	1.8151	T1/2	9.8(-9)	5	ВИ	72KE0466
52	TE	130	1.8151	T1/2	6.8(-9)	4	ВИ	73KE1822
52	TE	130	2.146	T1/2	8.0(-8)	6	ВИ	73KE1822
52	TE	130	2.1460	T1/2	1.15(-7)	8	ВИ	72KE0466
52	TE	132	1.774	T1/2	1.01(-7)	6	ВИ	73MC0417
52	TE	132	1.7741	T1/2	1.45(-7)	8	ВИ	73KE1622
52	TE	132	1.9247	T1/2	9(-6)	2	ВИ	73KE1622
52	TE	132	1.925	T1/2	6(-6)	1	ВИ	73MC0417
53	I	122	0.0618	T1/2	7.4(-9)	5	ВИ	73L00170
53	I	122	0.0907	T1/2	1.9(-9)	3	ВИ	73L00170
53	I	122	0.1488	T1/2	< 8(-11)		ВИ	73L00170
53	I	127	0.202	B(E2)	4.8(-2)	7	КВ	72AN0086
53	I	127	0.203	B(E2)	4.3(-2)	5	КВ	73RE0574
53	I	127	0.3749	B(E2)	2.7(-2)	3	КВ	73RE0574
53	I	127	0.375	B(E2)	5.1(-2)	8	КВ	72AN0086

53	I	127	0.418	B(E2)	1.5(-2)	2	KB	72AN0086
53	I	127	0.594	B(E2)	2.9(-2)	4	KB	72AN0086
53	I	127	0.594	T1/2	1.3(-12)	2	A	73ER0364
53	I	127	0.6184	B(E2)	1.8(-3)	4	KB	73RE0574
53	I	127	0.619	T1/2	2.8(-12)	7	A	73ER0364
53	I	127	0.619	B(E2)	1.9(-2)	3	KB	72AN0086
53	I	127	0.6287	B(E2)	8.3(-2)	12	KB	73RE0574
53	I	127	0.629	B(E2)	1.2(-1)	2	KB	72AN0086
53	I	127	0.651	B(E2)	5.0(-3)	8	KB	72AN0086
53	I	127	0.6511	B(E2)	2.3(-2)	3	KB	73RE0574
53	I	127	0.744	T1/2	7.6(-13)	14	A	73ER0364
53	I	127	0.745	B(E2)	1.7(-1)	3	KB	72AN0086
53	I	127	0.7455	B(E2)	1.20(-1)	13	KB	73RE0574
53	I	129	0.2784	B(E2)	3.5(-2)	4	KB	73RE0574
53	I	129	0.4878	B(E2)	1.6(-2)	3	KB	73RE0574
53	I	129	0.6962	B(E2)	1.22(-1)	13	KB	73RE0574
53	I	129	0.7298	B(E2)	7.8(-2)	8	KB	73RE0574
53	I	129	0.7694	B(E2)	1.1(-2)	4	KB	73RE0574
53	I	129	0.830	B(E2)	4(-3)	2	KB	73RE0574
53	I	129	0.845	B(E2)	1.5(-2)	3	KB	73RE0574
53	I	129	1.050	B(E2)	8(-3)	3	KB	73RE0574
53	I	130	0.050	T1/2	5.496(+2)	30	BM	72BA0114
53	I	132	0.098	T1/2	5.04(+3)	12	BM	73DI1057
54	XE	120	0.3218	T1/2	8.60(-11)	10	П	72KU1658
54	XE	120	0.7946	T1/2	6.1(-12)	12	П	72KU1658
54	XE	120	1.3956	T1/2	< 2.4(-12)		П	72KU1658
54	XE	122	0.3511	T1/2	5.4(-11)	6		72SA0436
54	XE	122	0.3515	T1/2	6.15(-11)	56	П	72KU1658
54	XE	122	0.8288	T1/2	5.7(-12)	8	П	72KU1658
54	XE	122	1.4675	T1/2	2.7(-12)	5	П	72KU1658
54	XE	122	2.2184	T1/2	< 2.4(-12)		П	72KU1658
54	XE	125	0.251	T1/2	5.7(+1)	1	BM	72WI0497
54	XE	129		T1/2	4.08096(+5)	1728	BM	73MI0353
54	XE	129	0.040	T1/2	5.8(-10)	7	M	72HO0150
54	XE	131	0.3412	T1/2	2.15(-9)	7	BM	73ER0343
54	XE	131	0.4048	T1/2	< 5(-10)		BM	73EN0343
54	XE	131	0.667	T1/2	< 5(-10)		BM	73EN1048
54	XE	132	0.668	T1/2	5.0(-12)	4		73WA0423
55	CS	123		T1/2	1.6	2	BM	72DR0595
55	CS	127	0.065	T1/2	1.9(-8)	3	BM	73AR0069
55	CS	129	0.1888	T1/2	2.26(-9)	6	BM	73IS0285
55	CS	131	0.124	T1/2	3.80(-9)	1	BM	72GU0669
55	CS	131	0.154	T1/2	8.1(-9)	1	BM	72GU0669
55	CS	133	0.081	T1/2	6.36(-9)	3	BM	72GU0669
55	CS	133	0.161	B(E2)	9.6(-2)		KB	72AN0087
55	CS	133	0.3836	B(E2)	3.6(-2)	4	KB	73RE0574
55	CS	133	0.384	B(E2)	5.5(-2)		KB	72AN0087
55	CS	133	0.6528	B(E2)	1.50(-1)	16	KB	73RE0574
55	CS	133	0.653	B(E2)	2.1(-1)		KB	72AN0087
55	CS	133	0.6612	B(E2)	7(-3)	1	KB	73RE0574
55	CS	133	0.706	B(E2)	1.42(-2)	17	KB	73RE0574
55	CS	133	0.706	B(E2)	5.9(-2)		KB	72AN0087
55	CS	133	0.768	T1/2	9.7(-13)	21	A	73ER0364
55	CS	133	0.768	B(E2)	9.4(-2)		KB	72AN0087
55	CS	133	0.7687	B(E2)	9.2(-2)	10	KB	73RE0574
55	CS	133	0.787	B(E2)	< 3(-3)		KB	73RE0574
55	CS	133	0.819	B(E2)	< 7(-2)		KB	72AN0087
55	CS	133	0.819	B(E2)	4.5(-3)	15	KB	73RE0574
55	CS	133	0.8718	B(E2)	3.5(-2)	5	KB	73RE0574
55	CS	133	0.872	T1/2	7.6(-13)	14	A	73ER0364
55	CS	133	0.872	B(E2)	4.6(-2)		KB	72AN0087
55	CS	133	0.917	B(E2)	6(-3)	3	KB	73RE0574
55	CS	133	0.942	B(E2)	< 7(-3)		KB	73RE0574
55	CS	134	0.011	T1/2	4.57(-8)	12	BM	72TU0559
55	CS	138	0.0108	T1/2	< 5(-7)		BM	73AC0365
55	CS	138	0.0157	T1/2	< 5(-7)		BM	73AC0365
56	BA	126	0.2554	T1/2	1.20(-10)	19	П	72KU1658

56	BA	126	0.7105	T1/2	< 1.2(-11)		П	72KU1658
56	BA	128	0.279	T1/2	9.7(-11)	2	П	72KU1658
56	BA	134	0.605	B(E2)	6.72(-1)	16	КВ	72KE1016
56	BA	136		T1/2	2.137(-1)	13	ВИ	72BR0045
56	BA	136	0.819	B(E2)	4.18(-1)	11	КВ	72KE1016
56	BA	136	2.1405	T1/2	1.6(-2)	1	ВИ	73BA0001
56	BA	136	2.2075	T1/2	3 1(-9)	1	ВИ	73BA0001
56	BA	137		T1/2	1.53270(+2)	126	ВИ	73LE4428
56	BA	137	2.3491	T1/2	5.9(-7)	10	ВИ	73KE1824
56	BA	137	2.3491	T1/2	5.9(-7)	10	ВИ	73KE0245
56	BA	137	2.623	T1/2	< 3(-11)		Д	73KE1824
56	BA	138	1.426	B(E2)	2.21(-1)	9	КВ	72KE1016
56	BA	138	2.0902	T1/2	8(-7)	2	ВИ	73KE0245
56	BA	138	2.9298	T1/2	< 3(-11)		Д	73KE1824
56	BA	138	2.9298	T1/2	< 7(-11)		Д	73KE0245
56	BA	138	3.1834	T1/2	< 7(-11)		Д	73KE0245
56	BA	138	3.1836	T1/2	< 3(-11)		Д	73KE1824
56	BA	138	3.6224	T1/2	< 3(-11)		Д	73KE1824
56	BA	138	3.6224	T1/2	< 7(-11)		Д	73KE0245
56	BA	138	3.6327	T1/2	< 7(-11)		Д	73KE0245
56	BA	138	3.6327	T1/2	< 3(-11)		Д	73KE1824
56	BA	138	3.7085	T1/2	< 3(-11)		Д	73KE1824
56	BA	138	3.7085	T1/2	< 7(-11)		Д	73KE0245
57	LA	131	0.279	T1/2	1.70(-4)	15	Д	73C00445
57	LA	132	0.182	T1/2	8.3(-10)	11	ВИ	73M00670
57	LA	132	0.182	T1/2	8.3(-10)	11	КВ	72M06634
57	LA	133	0.097	T1/2	< 4(-10)		ВИ	73M00670
57	LA	133	0.0972	T1/2	< 1(-10)		ВИ	72BE0829
57	LA	133	0.0972	T1/2	< 4(-10)		ВИ	72M06635
57	LA	133	0.1307	T1/2	1.12(-9)	18	ВИ	72M06635
57	LA	133	0.1307	T1/2	1.12(-9)	18	ВИ	73M00670
57	LA	133	0.1740	T1/2	8.3(-10)	18	ВИ	72M06635
57	LA	133	0.1740	T1/2	8.3(-10)	18	ВИ	73M00670
57	LA	133	0.7421	T1/2	1.30(-9)	10	ВИ	72M06635
57	LA	133	0.7421	T1/2	1.30(-9)	10	ВИ	73M00670
57	LA	135	0.119	T1/2	4.15(-9)	16	ВИ	72AK0567
57	LA	135	0.1194	T1/2	4.75(-9)	75	ВИ	72AR6426
57	LA	135	0.1194	T1/2	3.9(-9)	1	Р4	72BE0829
57	LA	135	0.206	T1/2	6.8(-10)	14	ВИ	72AR6426
57	LA	135	0.206	T1/2	5.0(-10)	5	ВИ	73M01251
57	LA	135	0.2064	T1/2	4.8(-10)	3	Р4	72BE0829
57	LA	135	0.2654	T1/2	< 1.2(-10)		Р4	72BE0829
57	LA	135	0.2998	T1/2	< 1.2(-10)		Р4	72BE0829
57	LA	139	1.430	T1/2	< 1(-9)		ВИ	73FP0067
57	LA	139	6.018	Г0	2.5(-2)	8	РР	72W02276
57	LA	139	6.418	Г0	6.3(-2)	8	РР	72W02276
57	LA	139	7.657	Г0	4.7(-2)	6	РР	72W02276
58	CE	135	0.08264	T1/2	5.3(-10)	6	ВИ	72AR6217
58	CE	135	0.08264	T1/2	5.3(-10)	6	ВИ	72AR0744
58	CE	136	> 2.370	T1/2	2(-6)		ВИ	71KA0040
58	CE	137	0.1603	T1/2	7.9(-10)	14	ВИ	73BU0937
58	CE	137	0.1603	T1/2	7.9(-10)	14	ВИ	72BU6651
58	CE	138		T1/2	8.65(-3)	5	ВИ	72RA0033
58	CE	138		T1/2	8.65(-3)	5	ВИ	72RA7233
58	CE	138	2.2176	T1/2	< 2(-10)		ВИ	72LU0473
58	CE	139		T1/2	6.0(+1)	1	ВИ	72RA7233
58	CE	139		T1/2	6.0(+1)	1	ВИ	72RA0033
58	CE	140	2.412	T1/2	5.5(-11)	15	ВИ	72B01249
58	CE	140	2.550	T1/2	4.2(-11)	11	ВИ	72B01249
58	CE	140	5.669	Г0	1.1(-2)	3	РР	72W02276
59	PR	134		T1/2	6.60(+2)		ВИ	72AR6620
59	PR	134		T1/2	APR6.6(+2)		ВИ	73AR0301
59	PR	135	0.358	T1/2	1.05(-4)	10	ВИ	73C00445
59	PR	137	0.0754	T1/2	3.8(-10)	3	ВИ	72BU6804
59	PR	137	0.0754	T1/2	2.6(-10)	2	ВИ	73BU0953
59	PR	137	0.3064	T1/2	5(-10)	2	ВИ	72BU6804
59	PR	137	0.3064	T1/2	3.5(-10)	14	ВИ	73BU0953

59	PR	139	0.822	T1/2	3.68(-8)	20	ВИ	72KR0777
59	PR	141	0.14543	T1/2	1.82(-9)	4	ВИ	72GA0124
59	PR	141	0.14543	T1/2	1.82(-9)	4	ВИ	72GA0898
59	PR	141	1.110	T1/2	5.15(-9)	30	ВИ	73FR0067
59	PR	141	1.117	T1/2	4.80(-9)	25	ВИ	73EJ1892
60	ND	138	> 3.100	T1/2	4.5(-7)		ВИ	71KA0040
60	ND	142	1.570	B(E2)	2.7(-1)	3	К	73CH0433
60	ND	142	6.877	ГО	2.75(-1)	60	РР	72WO2276
60	ND	143	2.294	T1/2	4.1(-4)	3	ВИ	72PA0443
60	ND	144	1.314	T1/2	2.05(-11)	37	ВИ	72LI0353
61	PM	142	0.8831	T1/2	2.03(-3)	12	ВИ	72FU0049
61	PM	142	0.8843	T1/2	2.20(-3)	2	ВИ	72RA0053
61	PM	142	0.865	T1/2	2.20(-3)	1	ВИ	72RA1037
61	PM	142	0.885	T1/2	2.20(-3)	2	ВИ	72RA7253
61	PM	143		T1/2	1.05(-8)		ВИ	73FR0067
61	PM	143	0.959	T1/2	2.60(-8)	12	ВИ	72EJ0073
61	PM	143	0.960	T1/2	2.44(-8)	14	ВИ	73FR0067
61	PM	143	0.9604	T1/2	2.6(-8)	2	ВИ	73SH0633
61	PM	143	> 1.392	T1/2	1.05(-8)	7	ВИ	73SH0633
61	PM	143	1.644	T1/2	< 2(-9)		ВИ	73SH0633
61	PM	152	0.250	T1/2	4.53(+2)	42	ВИ	72WA0013
62	SM	141		T1/2	1.368(+3)	12	БИ	72DE1105
62	SM	141		T1/2	1.326(+3)	18	ВИ	72FP1084
62	SM	143	0.7500	T1/2	6.5(+1)		ВИ	72DE1105
62	SM	144	2.3232	T1/2	8.80(-7)	25	ВИ	72K00498
62	SM	144	3.8591	T1/2	2.7(-8)	5	ВИ	72K00498
62	SM	150	0.334	T1/2	2.7(-11)	3	П	72RU0545
62	SM	150	0.774	T1/2	1.10(-11)	10	П	72RU0545
62	SM	151	0.2611	T1/2	1.4(-6)	1	ВИ	73CO2612
62	SM	152		T1/2	6.15(-12)	38	П	72RU0545
62	SM	152	0.12178	T1/2	1.35(-9)	5	ВИ	72EL1229
62	SM	152	0.122	B(E2)	3.39	3	КВ	72SA0051
62	SM	152	0.3654	T1/2	5.70(-11)	8	П	72RU0545
62	SM	152	0.3665	T1/2	4.2(-11)	18	ВИ	72EL1229
62	SM	152	0.7056	T1/2	1.015(-11)	28	П	72RU0545
62	SM	152	1.124	T1/2	2.98(-12)	45	П	72RU0545
62	SM	154	0.082	B(E2)	4.30	3	КВ	72SA0051
62	SM	154	0.26689	T1/2	1.727(-10)	50	Д	72DI0481
62	SM	154	0.54429	T1/2	2.334(-11)	69	Д	72DI0481
62	SM	154	0.90339	T1/2	6.17(-12)	62	Д	72DI0481
63	EU	144	0.8877	T1/2	2.8(-8)	3	ВИ	72FU0049
63	EU	145	0.716	T1/2	4.9(-7)	3	ВИ	73FR0067
63	EU	146	0.1155	T1/2	< 1.6(-10)		ВИ	72HO0101
63	EU	146	0.2303	T1/2	<= 1.65(-10)		ВИ	72HO0101
63	EU	151	0.19645	T1/2	2.4(-10)	3	П	72TH0337
63	EU	151	0.19645	B(E2)	9(-2)	2	КВ	72TH0337
63	EU	151	0.2431	T1/2	3.9(-10)	7	П	72TH0337
63	EU	151	0.3070	B(E2)	7.0(-9)	5	КВ	72TH0337
63	EU	151	0.30746	B(E2)	4.7(-1)		КВ	72TH0337
63	EU	151	0.4996	B(E2)	2.0(-2)	5	КВ	72TH0337
63	EU	151	0.5035	B(E2)	9.8(-2)	10	В	72TH0337
63	EU	153	0.0834	B(E2)	2.11	12	КВ	72TH0337
63	EU	153	0.0834	T1/2	7.3(-10)	7	П	72TH0337
63	EU	153	0.0974	B(E1)	2.1(-5)		КВ	72TH0337
63	EU	153	0.0974	T1/2	4.0(-10)	7	П	72TH0337
63	EU	153	0.1032	B(E2)	4.9(-3)		КВ	72TH0337
63	EU	153	0.151	T1/2	3.6(-10)	7	П	72TH0337
63	EU	153	0.1931	B(E2)	7.3(-1)		КВ	72TH0337
63	EU	153	0.1931	T1/2	1.9(-10)	1	П	72TH0337
63	EU	153	0.5695	B(E2)	3.2(-2)	3	КВ	72TH0337
63	EU	153	0.6173	B(E2)	1.1(-2)	3	КВ	72TH0337
64	GD	146	2.981	T1/2	1.35(-8)	35	ВИ	72K00498
64	GD	146	2.986	T1/2	9.1(-9)	20	ВИ	73KR2484
64	GD	146	3.0932	T1/2	< 5(-9)		ВИ	72K00498
64	GD	146	3.2931	T1/2	< 5(-9)		ВИ	72K00498
64	GD	146	3.298	T1/2	< 5(-7)		ВИ	73KR2484
64	GD	146	3.298	T1/2	> 1(-8)		ВИ	73KR2484

64	GD	146	3.4276	T1/2	< 5(-9)		BM	72K00498
64	GD	146	3.8641	T1/2	< 5(-9)		BM	72K00498
64	GD	146	4.0899	T1/2	< 5(-9)		BM	72K00498
64	GD	146	4.3554	T1/2	< 5(-9)		BM	72K00498
64	GD	148	2.689	T1/2	1.73(-8)	20	BM	73KR2484
64	GD	150	0.638	T1/2	< 5(-9)		BM	73KR2484
64	GD	150	1.135	T1/2	< 5(-9)		BM	73KR2484
64	GD	150	1.288	T1/2	< 5(-9)		BM	73KR2484
64	GD	150	1.429	T1/2	< 5(-9)		BM	73KR2484
64	GD	150	1.517	T1/2	< 5(-9)		BM	73KR2484
64	GD	150	1.701	T1/2	< 5(-9)		BM	73KR2484
64	GD	151	0.1081	T1/2	3.0(-9)	1	BM	72AF6426
64	GD	151	0.3952	T1/2	3.1(-10)	4	BM	72AF6426
64	GD	151	0.5753	T1/2	2.3(-10)	3	BM	72AF6426
64	GD	151	0.5873	T1/2	3.0(-10)	2	BM	72AF6426
64	GD	151	0.8393	T1/2	2.6(-10)	3	BM	72AF6426
64	GD	153	0.0416	T1/2	4.2(-9)	3	BM	72KI0877
64	GD	153	0.0952	T1/2	< 5(-4)		BM	72RE0051
64	GD	153	0.1098	T1/2	3.5(-10)	8	BM	72AF6426
64	GD	153	0.2122	T1/2	< 4(-10)		BM	72KI0877
64	GD	154		T1/2	3.9(-12)	6	Π	72RU0545
64	GD	154	0.123	T1/2	1.18(-9)	4	BM	72AW0870
64	GD	154	0.371	T1/2	4.1(-11)	7	BM	72AW0870
64	GD	154	0.3712	T1/2	4.60(-11)	15	Π	72RU0545
64	GD	154	0.7181	T1/2	7.70(-12)	4	Π	72RU0545
64	GD	155		T1/2	2.215(-2)	19	BM	72BR0045
64	GD	155	0.060	T1/2	1.94(-10)	15	M	73AR0380
64	GD	155	0.060	T1/2	1.55(-10)	20	M	72GG1684
64	GD	156	0.288	T1/2	1.13(-10)	2	Π	72WA0009
64	GD	156	0.2882	T1/2	1.11(-10)	5	Π	72RU0545
64	GD	156	0.5845	T1/2	1.42(-11)	12	Π	72RU0545
64	GD	156	0.585	T1/2	1.580(-11)	38	Π	72WA0009
64	GD	157	0.0545	T1/2	1.30(-10)	8	M	72GG1684
64	GD	157	0.1315	T1/2	9.5(-11)	5	BM	72DA0253
64	GD	157	0.1315	T1/2	9.5(-11)	5	BM	72DA0253
65	TB	147		T1/2	1.098(+2)	36	BM	73EG1686
65	TB	148		T1/2	1.32(+2)	3	BM	73RG1686
65	TB	149		T1/2	2.496(+2)	24	BM	73BI2575
65	TB	149		T1/2	2.4(+2)*	6	BM	73SG1686
65	TB	150		T1/2	3.54(+2)	18	BM	73BG1686
65	TB	150		T1/2	3.48(+2)	12	BM	72HA1113
65	TB	154		T1/2	7.740(+4)	432	BM	73BA0037
65	TB	154		T1/2	8.316(+4)	3240	BM	72VY0718
65	TB	154		T1/2	3.564(+4)	360	BM	72VY0718
65	TB	157	0.0608	T1/2	4.9(-10)	12	BM	72AF6426
65	TB	157	0.3264	T1/2	< 2.3(-10)		BM	72AF6426
65	TB	159	0.3636	Γ0	3.4(-6)	4	PP	72DA0122
65	TB	159	0.3636	Γ0	3.4(-6)	4	PP	72DA2544
66	DY	155	0.0394	T1/2	3.5(-9)	3	BM	72KI0001
66	DY	155	0.0394	T1/2	3.5(-9)	3	BM	72KI0877
66	DY	155	0.0609	T1/2	< 8(-10)		BM	72KI0877
66	DY	155	0.0868	T1/2	1.1(-9)	2	BM	72KI0001
66	DY	155	0.0868	T1/2	1.1(-9)	2	BM	72KI0877
66	DY	155	0.1363	T1/2	< 5(-10)		BM	72KI0001
66	DY	155	0.1363	T1/2	< 5(-10)		BM	72KI0877
66	DY	155	0.2024	T1/2	< 5(-10)		BM	72KI0877
66	DY	155	0.2024	T1/2	< 5(-10)		BM	72KI0001
66	DY	155	0.2403	T1/2	< 7(-10)		BM	72KI0877
66	DY	155	0.2403	T1/2	< 7(-10)		BM	72KI0001
66	DY	157	0.0609	T1/2	< 8(-10)		BM	72KI0001
66	DY	157	0.1619	T1/2	1.3(-6)	2	BM	73AN0074
66	DY	157	0.1619	T1/2	1.30(-6)	15	BM	73AN0053
66	DY	157	0.1881	T1/2	9.2(-10)	10	BM	73AN0053
66	DY	157	0.1881	T1/2	1.00(-9)	15	BM	73AN0074
66	DY	157	0.1992	T1/2	1.92(-2)	5	BM	73KL0081
66	DY	158	1.8953	T1/2	< 1.1(-10)		BM	73CH0117
66	DY	159	0.177	T1/2	9(-9)		BM	72KI0001

66	DY	159	0.1776	T1/2	9.0(-9)	5	ВИ	72AN0060
66	DY	160	0.9661	B(E2)	1.16(-1)	7	К	73AD1405
66	DY	160	0.9661	T1/2	< 1.4(-11)		ВИ	72AN0896
66	DY	160	1.2647	T1/2	1.0(-11)		ВИ	72AR0896
66	DY	160	1.3585	T1/2	7.0(-11)	15	ВИ	72BE0126
66	DY	160	1.3587	T1/2	2.7(-9)	1	ВИ	72AB0898
66	DY	160	1.694	T1/2	1.80(-10)	35	ВИ	73CH0117
66	DY	162	0.08076	T1/2	3.05(-9)	20	ВИ	73CH0117
66	DY	162	0.8882	B(E2)	1.53(-1)	11	КВ	72D00600
66	DY	162	0.8882	B(E2)	1.02(-1)	6	К	73AD1405
66	DY	162	1.4859	T1/2	1.93(-9)	13	ВИ	73CH0117
66	DY	164	0.7618	B(E2)	1.34(-1)	10	К	73AB1405
67	HO	158		T1/2	1.278(+3)	138	ВИ	73B00084
67	HO	158	0.1592	T1/2	1.7(-9)	2	ВИ	73B00084
67	HO	162	0.100	T1/2	4.08(+3)	6	ВИ	73BA0063
67	HO	162	0.286	T1/2	8.5(-9)	10	ВИ	73SE0110
67	HO	162	0.286	T1/2	8.5(-9)	10	ВИ	73SC0075
67	HO	162	0.3428	T1/2	2.6(-9)	5	ВИ	73SC0075
67	HO	164		T1/2	2.202(+3)		ВИ	72GR0675
67	HO	164	0.159	T1/2	2.202(+3)	60	ВИ	72DR0300
67	HO	164	0.3428	T1/2	2.6(-9)	5	ВИ	73SE0110
67	HO	165	0.09469	T1/2	9.44(-11)	167	РР	72KA0135
67	HO	165	0.09469	T1/2	9.0(-11)	17	РР	73KA1095
67	HO	165	0.7155	T1/2	3.4(-11)	4	ВИ	72PA0451
67	HO	165	0.9953	T1/2	< 3(-11)		ВИ	72PA0451
67	HO	165	1.0798	T1/2	< 3(-11)		ВИ	72PA0451
68	ER	158		T1/2	1.6(-12)	4	П	73AN0036
68	ER	158		T1/2	1.5(-12)	3	П	73AN0036
68	ER	158	1.496	T1/2	1.1(-12)	3	П	73WA0493
68	ER	158	1.496	T1/2	1.1(-12)	4	П	73AN1791
68	ER	158	2.0744	T1/2	7.6(-13)	35	П	73AN1791
68	ER	158	2.0749	T1/2	7.6(-13)	3	П	73WA0493
68	ER	158	2.683	T1/2	< 6.9(-13)		П	73WA0493
68	ER	158	2.683	T1/2	< 7(-13)		П	73AN1791
68	ER	158	3.193	T1/2	2.1(-12)	5	П	73AN1791
68	ER	158	3.193	T1/2	2.1(-12)	5	П	73WA0493
68	ER	158	3.606	T1/2	1.7(-12)	6	П	73AN1791
68	ER	158	3.6662	T1/2	1.7(-12)	6	П	73WA0493
68	ER	158	4.253	T1/2	< 1.5(-12)		П	73AN1791
68	ER	158	4.2532	T1/2	< 1.5(-12)		П	73WA0493
68	ER	160	0.1262	T1/2	9.1(-10)	14	П	72B06229
68	ER	160	0.1262	T1/2	9.1(-10)	14	Д	72B06229
68	ER	160	0.2643	T1/2	3.7(-11)	6	П	72B06229
68	ER	160	0.3763	T1/2	5.9(-12)	12	П	72B06229
68	ER	160	0.3905	T1/2	3.7(-11)	6	Д	72B06229
68	ER	160	0.4646	T1/2	2.4(-12)	5	П	72B06229
68	ER	160	0.7668	T1/2	5.9(-12)	12	Д	72B06229
68	ER	160	1.2514	T1/2	2.4(-12)	5	Д	72B06229
68	ER	163	0.0692	T1/2	7.72(-9)	61	ВИ	73I00093
68	ER	163	0.0692	T1/2	7.72(-9)	61	ВИ	72AF6426
68	ER	163	0.0839	T1/2	9.2(-10)	5	ВИ	72AF6426
68	ER	163	0.084	T1/2	9.2(-10)	5	ВИ	73I00093
68	ER	163	0.1043	T1/2	5.2(-10)	2	ВИ	73I00093
68	ER	163	0.1043	T1/2	5.2(-10)	2	ВИ	72AF6426
68	ER	163	0.4438	T1/2	5.8(-7)	10	ВИ	72AN0060
68	ER	164	1.6642	T1/2	< 8(-11)		ВИ	73CH0117
68	ER	164	1.7444	T1/2	2.2(-10)	3	ВИ	73CH0117
68	ER	164	1.985	T1/2	2.33(-8)	16	ВИ	73CH0117
68	ER	165	0.0472	T1/2	3.9(-9)	11	ВИ	73I00093
68	ER	165	0.0472	T1/2	3.98(-9)	11	ВИ	72AF6426
68	ER	165	0.0772	T1/2	1.01(-9)	6	ВИ	73I00093
68	ER	165	0.0773	T1/2	1.01(-9)	6	ВИ	72AF6426
68	ER	165	0.2428	T1/2	3.0(-10)	2	ВИ	73I00093
68	ER	165	0.2429	T1/2	3.0(-10)	2	ВИ	72AF6426
68	ER	165	0.296	T1/2	< 2.4(-11)		ВИ	73I00093
68	ER	165	0.2961	T1/2	< 2.4(-10)		ВИ	72AF6426
68	ER	165	0.2972	T1/2	7.7(-10)	7	ВИ	73I00093

68	ER	165	0.2973	T1/2	7.7(-10)	7	BИ	72AF6426
68	ER	165	0.3565	T1/2	3.8(-10)	5	BИ	73I00093
68	ER	165	0.3565	T1/2	3.8(-10)	5	BИ	72AF6426
68	ER	165	0.5073	T1/2	7.0(-10)	12	BИ	72AF6426
68	ER	165	0.5074	T1/2	7.0(-10)	12	BИ	73I00093
68	ER	165	0.551	T1/2	2.5(-7)	3	BИ	72AN0060
68	ER	165	0.5896	T1/2	< 6(-10)		BИ	72AF6426
68	ER	165	0.5899	T1/2	< 6(-10)		BИ	73I00093
68	ER	165	0.7457	T1/2	9.8(-10)	14	BИ	72AF6426
68	ER	165	0.746	T1/2	9.8(-10)	14	BИ	73I00093
68	ER	166	0.7859	B(E2)	1.34(-1)	9	KB	72D00600
68	ER	166	0.787	B(E2)	1.42(-1)	5	K	73BE1934
68	ER	166	0.8212	B(E2)	1.37(-1)	9	KB	72D00600
68	ER	166	1.603	Г	3.2(-2)	5	PP	73ME1099
68	ER	166	1.812	Г	8(-3)	1	PP	73ME1099
68	ER	166	1.850	Г	2.4(-3)	4	PP	73ME1099
68	ER	167		T1/2	2.28	3	BИ	72J00221
68	ER	168	0.080	T1/2	1.92(-9)	2	BИ	72BE0128
68	ER	168	0.206	T1/2	1.13(-10)	13	BИ	72BE0128
68	ER	168	1.094	T1/2	1.073(-7)	22	BИ	73KI1920
68	ER	168	1.095	T1/2	1.08(-7)	1	BИ	73KI0037
68	ER	168	1.786	Г	4.6(-2)	5	PP	73ME1099
68	ER	170	0.932	B(E2)	1.00(-1)	6	KB	72D00600
68	ER	170	1.824	Г	3.0(-2)	3	PP	73ME1099
69	TM	162	0.10346	T1/2	< 1.5(-8)		BИ	72G00362
69	TM	166	0.08229	T1/2	< 3(-9)		BИ	73BC0075
69	TM	169	0.0084	T1/2	4.04(-9)	6	BИ	72TU0559
69	TM	169	0.316	T1/2	6.5(-7)		BИ	72NI0298
69	TM	171	0.005	T1/2	4.77(-9)	8	BИ	72TU0559
69	TM	171	0.4248	T1/2	2.60(-6)	2	BИ	72GR0513
69	TM	171	0.6554	T1/2	< 4(-11)		BИ	72PA0457
69	TM	171	0.9128	T1/2	< 4(-11)		BИ	72PA0457
69	TM	173	0.3177	T1/2	1.0(-5)	3	BИ	72PU0283
70	YB	162	0.1665	T1/2	4.01(-10)	59	П	72B00243
70	YB	162	0.1665	T1/2	4.01(-10)	59	П	72B06721
70	YB	162	0.1665	B(E2)	7.3(-1)	11	KB	72B06721
70	YB	162	0.1665	T1/2	4.01(-10)	59	Д	73B00091
70	YB	162	0.3203	B(E2)	1.12	17	KB	72B06721
70	YB	162	0.3203	T1/2	1.41(-11)	21	П	72B06721
70	YB	162	0.4362	B(E2)	1.09	20	KB	72B06721
70	YB	162	0.4362	T1/2	3.2(-12)	6	П	72B06721
70	YB	162	0.4868	T1/2	1.41(-11)	21	П	72B00243
70	YB	162	0.4868	T1/2	1.41(-11)	21	Д	73B00091
70	YB	162	0.5214	B(E2)	1.03	37	KB	72B06721
70	YB	162	0.5214	T1/2	1.4(-12)	5	П	72B06721
70	YB	162	0.9230	T1/2	3.2(-12)	6	П	72B00243
70	YB	162	0.9230	T1/2	3.2(-12)	6	Д	73B00091
70	YB	162	1.4444	T1/2	1.4(-12)	5	П	72B00243
70	YB	162	1.4444	T1/2	1.4(-12)	5	Д	73B00091
70	YB	164	0.122	T1/2	9.0(-10)		Д	72B00134
70	YB	164	0.1235	T1/2	8.82(-10)	88	Д	72B00633
70	YB	164	0.1239	T1/2	8.82(-10)	88	Д	73B00091
70	YB	164	0.384	T1/2	2.1(-11)		Д	72B00134
70	YB	164	0.3863	T1/2	2.99(-11)	30	Д	73B00091
70	YB	164	0.3863	T1/2	2.99(-11)	30	Д	72B00633
70	YB	164	0.758	T1/2	4.8(-12)		Д	72B00134
70	YB	164	0.7613	T1/2	5.2(-12)	7	Д	73B00091
70	YB	164	0.7613	T1/2	5.2(-12)	7	Д	72B00633
70	YB	164	1.219	T1/2	2.1(-12)		Д	72B00134
70	YB	164	1.2241	T1/2	2.0(-12)	5	Д	73B00091
70	YB	164	1.2241	T1/2	1.6(-12)	5	Д	72B00633
70	YB	166	0.1022	T1/2	< 1.4(-9)		BИ	72BE0449
70	YB	166	0.3303	T1/2	< 1.4(-9)		BИ	72BE0449
70	YB	166	0.6680	T1/2	< 1.4(-9)		BИ	72BE0449
70	YB	166	1.0982	T1/2	< 1.4(-9)		BИ	72BE0449
70	YB	166	1.6059	T1/2	< 1.4(-9)		BИ	72BE0449
70	YB	166	2.1136	T1/2	< 1.4(-9)		BИ	72BE0449

70	YB	166	2.6833	T1/2	< 1.4(-9)		BM	72BE0449
70	YB	166	3.2871	T1/2	< 1.4(-9)		BM	72BE0449
70	YB	166	3.7816	T1/2	< 1.4(-9)		BM	72BE0449
70	YB	166	4.2906	T1/2	< 1.4(-9)		BM	72BE0449
70	YB	166	4.8794	T1/2	< 1.4(-9)		BM	72BE0449
70	YB	168	1.9987	T1/2	8.17(-8)	45	BM	73CH0117
70	YB	168	2.1111	T1/2	3.4(-10)	6	BM	73CH0117
70	YB	168	2.2038	T1/2	< 1.4(-10)		BM	73CH0117
70	YB	168	2.2225	T1/2	6.2(-9)	8	BM	73CH0117
70	YB	170	0.084	T1/2	1.62(-9)	2	BM	72GU0669
70	YB	1,5		T1/2	4.720(-2)	19	BM	72BR0045
71	LU	161		T1/2	7.3(-3)	4	BM	73AK0072
71	LU	168	0.220	T1/2	4.02(+2)	2	BM	72CH0490
71	LU	171	0.2081	T1/2	3.0(-8)	3	BM	72AN0489
71	LU	171	0.2081	T1/2	2.97(-8)	11	BM	72L00029
71	LU	171	0.2081	T1/2	2.97(-8)	11	BM	72L00553
71	LU	171	0.2958	T1/2	< 1(-9)		BM	73SC0417
71	LU	171	0.2958	T1/2	< 1(-9)		BM	72SC0082
71	LU	171	0.4695	T1/2	< 5(-10)		BM	73SC0417
71	LU	171	0.4695	T1/2	< 5(-10)		BM	72SC0082
71	LU	173	0.1282	T1/2	3.4(-9)	4	BM	72FU0486
71	LU	173	0.3568	T1/2	< 5(-10)		BM	72SC0082
71	LU	173	0.3568	T1/2	< 5(-10)		BM	73SC0417
71	LU	173	0.425	T1/2	6.8(-10)	7	BM	72L00029
71	LU	173	0.425	T1/2	8.9(-10)	20	BM	72L00553
71	LU	173	0.4251	T1/2	6.8(-10)	8	BM	72AN0489
71	LU	173	0.4252	T1/2	4.6(-10)	2	BM	72FU0486
71	LU	173	0.4346	T1/2	4.6(-10)	20	BM	72L00553
71	LU	173	0.435	T1/2	5(-10)	+2-4	BM	72L00029
71	LU	173	0.449	T1/2	< 1(-9)		BM	72SC0082
71	LU	173	0.449	T1/2	< 1(-9)		BM	73SC0417
71	LU	175	0.1138	T1/2	1.37(-10)		BM	73WI0129
71	LU	175	0.3435	T1/2	2.8(-10)		BM	73WI0129
71	LU	175	0.3536	T1/2	3.3(-9)		BM	73WI0129
71	LU	175	0.3536	T1/2	1.49(-6)		BM	73WI0129
71	LU	175	0.6266	T1/2	1.1(-8)		BM	73WI0129
71	LU	175	0.6266	T1/2	1.07(-8)		BM	73WI0085
71	LU	176	0.198	T1/2	3.5(-8)	1	BM	73SE0066
71	LU	176	0.19801	T1/2	3.50(-8)	10	BM	73SE0110
71	LU	176	0.6588	T1/2	8.0(-9)	10	BM	73SE0110
71	LU	176	0.6588	T1/2	8.0(-9)	10	BM	73SE0066
71	LU	176	0.66205	T1/2	6.3(-9)	5	BM	73SE0110
71	LU	176	0.6621	T1/2	6.3(-9)	5	BM	73SE0066
71	LU	177		T1/2	1.3902(+7)	26	BM	73CH0422
71	LU	177	0.4579	T1/2	< 8(-10)		BM	72MA0073
71	LU	177	0.4579	T1/2	< 5.5(-10)		BM	72MA0561
71	LU	177	0.5736	T1/2	3.5(-9)	10	BM	72MA0073
71	LU	177	0.5736	T1/2	2.4(-9)	7	BM	72MA0561
71	LU	177	0.7616	T1/2	2.4(-8)	3	BM	72MA0561
71	LU	178		T1/2	1.362(+3)	24	BM	73OR0712
72	HF	169	0.0288	T1/2	8.0(-8)	25	BM	73RE1404
72	HF	172	1.41866	T1/2	< 3(-9)		BM	73CA0121
72	HF	172	1.6842	T1/2	> 1.4(-7)		BM	73RE0239
72	HF	173	0.1072	T1/2	1.82(-7)	20	BM	73RE1663
72	HF	173	0.1975	T1/2	1.6(-7)	4	BM	73RE1663
72	HF	173	0.1977	T1/2	3.0(-7)	3	BM	72AN0077
72	HF	173	0.198	T1/2	3.0(-7)	3	BM	72AN0092
72	HF	174	1.9023	T1/2	> 1.4(-7)		BM	73RE0239
72	HF	176	0.08835	B(E2)	5.15	5	K	72VA0899
72	HF	176	1.2266	B(E2)	3.1(-2)	6	K	72VA0899
72	HF	176	1.2477	T1/2	4.4(-9)	3	BM	72L00276
72	HF	176	1.2477	T1/2	4.58(-9)	23	BM	72L00276
72	HF	176	1.3133	B(E3)	1.4(-3)	3	K	72VA0899
72	HF	176	1.3331	T1/2	9.5(-6)	2	BM	73KH0153
72	HF	176	1.3413	B(E2)	1.18(-1)	11	K	72VA0899
72	HF	176	1.5594	T1/2	9.8(-6)	2	BM	73KH0153
72	HF	176	1.6773	T1/2	> 1.4(-7)		BM	73RE0239

72	HF	177	0.113	T1/2	4.90(-10)	15	BM	72HO0177
72	HF	177	0.2496	ГО	2.8(-6)	5	PP	72DA0122
72	HF	177	0.2496	ГО	2.8(-6)	5	PP	72DA2544
72	HF	177	2.740	T1/2	3.084(+3)	30	BM	72CH2259
72	HF	178	1.2734	T1/2	> 1.4(-7)		BM	73RE0239
72	HF	178	> 2.43	T1/2	9.78(+8)	32	BM	73HE0001
72	HF	179		T1/2	2.143(+o)	26	BM	73CH0422
72	HF	179		T1/2	1.877(+1)	7	BM	72JO0221
72	HF	179	0.61427	T1/2	5.0(-10)	15	BM	73SE0089
72	HF	179	0.6143	T1/2	5.0(-10)	15	BM	73AN0053
72	HF	179	0.72069	T1/2	< 3(-10)		BM	73SE0089
73	TA	175	0.1297	T1/2	< 1(-8)		BM	72FO0465
73	TA	175	1.569	T1/2	2.0(-7)	7	BM	72FO0465
73	TA	177	0.07045	T1/2	5.3(-8)	3	BM	72AD0593
73	TA	177	0.0706	T1/2	8(-8)	1	BM	73SC0417
73	TA	177	0.0736	T1/2	3.7(-7)	5	BM	73SC0417
73	TA	177	0.18615	T1/2	3.5(-6)	4	BM	72AD0593
73	TA	177	0.2166	T1/2	7.2(-10)		BM	72AD0900
73	TA	177	0.3726	T1/2	< 1(-10)		BM	72AD0900
73	TA	177	0.4876	T1/2	2.6(-8)	3	BM	72AD0593
73	TA	177	0.4974	T1/2	4.4(-10)	2	BM	72AD0900
73	TA	177	0.6599	T1/2	> 1.4(-8)		BM	73BE1662
73	TA	177	0.9482	T1/2	> 1.4(-8)		BM	73BE1662
73	TA	179	0.2586	T1/2	9.5(-8)	5	BM	72MA0080
73	TA	179	0.2586	T1/2	9.5(-8)	5	BM	73MA0133
73	TA	179	0.5204	T1/2	3.5(-7)	2	BM	72MA0080
73	TA	179	0.5204	T1/2	3.5(-7)	2	BM	73MA0133
73	TA	179	0.6281	T1/2	8.0(-8)	10	BM	73MA0133
73	TA	179	0.6281	T1/2	8.0(-8)	10	BM	72MA0080
73	TA	181	0.482	T1/2	1.079(-8)		BM	72NI0441
73	TA	181	0.482	T1/2	1.081(-8)	5	BM	73LO1497
73	TA	181	0.615	T1/2	1.85(-5)	10	BM	72RI0430
73	TA	182	0.2704	T1/2	2.2(-9)	2	BM	72SE0086
73	TA	182	0.2704	T1/2	2.2(-9)	2	BM	73SE0110
73	TA	182	0.2704	T1/2	1.2(-9)	2	BM	73AN0095
73	TA	182	0.4026	T1/2	1.00(-9)	5	BM	73SE0110
73	TA	182	0.4026	T1/2	1.00(-9)	5	BM	73AN0095
73	TA	182	0.4026	T1/2	1.00(-9)	5	BM	72SE0086
73	TA	182	0.4436	T1/2	2.2(-9)*	2	BM	73AN0095
74	W	179	0.309	T1/2	1.53(-9)	15	BM	73AN0053
74	W	179	0.309	T1/2	1.53(-9)		BM	73AN0098
74	W	180		T1/2	5.46(-3)	4	BM	72RA7233
74	W	180		T1/2	5.46(-3)	4	BM	72RA0033
74	W	182	1.221	B(E2)	1.24(-1)	10	BM	73BE1934
74	W	182	1.374	T1/2	7.75(-11)	100	BM	72HE0049
74	W	182	1.488	T1/2	< 4.8(-11)		BM	72HE0049
74	W	182	1.553	T1/2	1.21(-9)	6	BM	72HE0049
74	W	183		T1/2	5.56	25	BM	72JO0221
74	W	187	0.2014	T1/2	< 8(-10)		BM	73PR0000
74	W	187	0.3506	T1/2	5(-9)	1	BM	73PR0000
75	RE	177		T1/2	5(-5)	1	BM	72LE0177
75	RE	179		T1/2	9.5(-5)	25	BM	72LE0177
75	RE	182	0.23577	T1/2	5.7(-7)	3	BM	73BU0337
75	RE	182	0.26328	T1/2	< 2(-8)		BM	73BU0337
75	RE	183	0.5988	T1/2	2.0(-9)	1	BM	73MA0133
75	RE	183	0.5988	T1/2	2.0(-9)	1	BM	72MA0098
75	RE	186	0.099362	T1/2	2.7(-8)	7	BM	73GL0335
75	RE	186	0.150	T1/2	6.3072(+1?)		BM	72SE0094
75	RE	186	0.314	T1/2	2.31(-8)	9	BM	73GL0335
75	RE	186	0.350	T1/2	1.74(-8)	7	BM	73GL0335
75	RE	187	0.206	T1/2	5.553(-7)	17	BM	72GU0669
75	RE	187	0.618	T1/2	5.34(-10)	20	BM	72SA0397
75	RE	187	0.618	T1/2	9.6(-12)	14	PP	73KA0110
75	RE	187	0.686	T1/2	9.0(-12)	14	PP	73KA0110
75	RE	187	0.773	T1/2	1.8(-13)	4	PP	73KA0110
75	RE	188	0.18274	T1/2	1.76(-8)	30	BM	72SH0537
75	RE	188	0.20534	T1/2	3.2(-9)	6	BM	72SH0537

75	RE	188	0.20785	T1/2	3.2(-9)	4	BИ	72SH0537
75	RE	188	0.25091	T1/2	2.09(-8)	20	BИ	72SH0537
75	RE	188	0.2907	T1/2	7(-10)	2	BИ	73SC0100
75	RE	188	0.3002	T1/2	1.4(-9)	2	BИ	73SC0100
75	RE	188	0.36068	T1/2	5.25(-9)	10	BИ	72SH0537
76	OS	184	0.140	B(E2)	3.20	62	KB	72LA0613
76	OS	184	0.137	B(E2)	2.88	39	KB	72LA0613
76	OS	185	0.1024	T1/2	3(-6)		BИ	73SD0135
76	OS	185	0.1024	T1/2	3(-6)		BИ	72SD0099
76	OS	185	0.2757	T1/2	7(-7)			72SC0099
76	OS	185	0.2757	T1/2	7(-7)		BИ	73SD0135
76	OS	186	0.137	B(E2)	2.88	39	KB	72LA0613
76	OS	186	1.6296	T1/2	> 1(-8)		BИ	73YA0153
76	OS	186	1.6296	T1/2	< 1.5(-8)		BИ	73YA0153
76	OS	188		T1/2	2(-8)		BИ	73YA0153
76	OS	188	0.155	B(E2)	2.69	27	KB	72LA0613
76	OS	188	1.7703	T1/2	1.95(-8)		BИ	72MA0101
76	OS	188	2.054	T1/2	1.2(-8)		BИ	72MA0101
76	OS	190	0.187	B(E2)	2.48	25	KB	72LA0613
76	OS	192	0.206	B(E2)	2.09	21	KB	72LA0613
76	OS	192	2.0154	T1/2	6.1	2	BИ	73PA0000
76	OS	193		T1/2	1.020(+3)	60	BИ	72L00011
77	IR	187		T1/2	3.03(-2)	6	BИ	73R00113
77	IR	187		T1/2	2.7(-2)		BИ	73Z00582
77	IR	187	0.10643	T1/2	1.15(-8)	3	BИ	73SE0045
77	IR	187	0.11005	T1/2	1.20(-10)	15	BИ	73SE0045
77	IR	187	0.1862	T1/2	> 1(-6)		BИ	73SE0045
77	IR	187	0.1895	T1/2	2.2(-11)	10	BИ	73SE0045
77	IR	187	0.2015	T1/2	8.4(-10)	8	BИ	73SE0045
77	IR	187	0.3117	T1/2	< 3(-11)		BИ	73SE0045
77	IR	187	0.3885	T1/2	< 6.5(-11)		BИ	73SE0045
77	IR	187	0.4538	T1/2	1.52(-7)	12	BИ	73SE0045
77	IR	188		T1/2	3.8(-3)		BИ	73Z00582
77	IR	188		T1/2	3.8(-3)	2	BИ	73R00113
77	IR	189		T1/2	1.34(-2)	2	BИ	73R00113
77	IR	189		T1/2	1.59(-2)		BИ	73Z00582
77	IR	189	0.09434	T1/2	1.16(-8)	6	BИ	72BA0076
77	IR	189	0.11382	T1/2	7.6(-11)	18	BИ	72BA0076
77	IR	189	0.17653	T1/2	2.2(-11)	10	BИ	72BA0076
77	IR	189	0.30051	T1/2	< 2(-11)		BИ	72BA0076
77	IR	191		T1/2	4.88	3	BИ	72J00221
77	IR	193	0.073	T1/2	5.90(-9)	11	BИ	73IL0079
77	IR	193	0.073	T1/2	5.90(-9)	11	BИ	72BE0048
77	IR	193	0.139	B(E2)	6.35(-1)	95	KB	72PR0641
77	IR	193	0.180	B(E2)	7.7(-2)	12	KB	72PR0641
77	IR	193	0.358	B(E2)	4.5(-1)	7	KB	72PR0641
77	IR	193	0.361	T1/2	< 2(-10)		BИ	72BE0048
77	IR	193	0.361	T1/2	< 2(-10)		BИ	73IL0079
77	IR	193	0.362	B(E2)	1.3(-1)	2	KB	72PR0641
77	IR	193	0.460	B(E2)	2.5(-2)	4	KB	72PR0641
77	IR	193	0.460	T1/2	< 1.5(-10)		BИ	73IL0079
77	IR	193	0.460	T1/2	1.5(-10)		BИ	72BE0048
77	IR	193	0.558	T1/2	< 1(-10)		BИ	73IL0079
77	IR	193	0.558	T1/2	1(-10)		BИ	72BE0048
77	IR	193	0.621	B(E2)	1.03(-1)	15	KB	72PR0641
77	IR	194		T1/2	2.207(-2)	17	BИ	72BR0045
77	IR	195	1.230	T1/2	1.3212(+4)	288	BИ	73JA0095
77	IR	196	0.430	T1/2	5.040(+3)	72	BИ	72SC0402
78	PT	184	0.1634	T1/2	3.60(-10)	12	BИ	72FI0369
78	PT	186	0.1915	T1/2	2.6(-10)	1	BИ	72FI0369
78	PT	188	0.2656	T1/2	7.2(-11)	13	BИ	72FI0369
78	PT	190	0.2960	T1/2	4.5(-11)	15	BИ	72FI0369
78	PT	191	0.00959	T1/2	2.2(-9)		BИ	72H00001
78	PT	191	0.0304	T1/2	3(-10)		BИ	72H00001
78	PT	191	0.1007	T1/2	2.2(-6)		BИ	72H00001
78	PT	191	0.1665	T1/2	2(-10)		BИ	72H00001
78	PT	191	0.2778	T1/2	1(-10)		BИ	72H00001

78	PT	191	0.2934	T1/2	< 1(-10)		ВИ	72HG0001
78	PT	192	0.316	T1/2	4.25(-11)	15	ВИ	73SM0409
78	PT	192	0.612	T1/2	2.64(-11)	15	ВИ	73SM0409
78	PT	192	0.612	T1/2	2.63(-11)	35	ВИ	73SM0409
78	PT	194	0.328	T1/2	3.5(-11)	5	РР	72SH0159
78	PT	194	0.328	T1/2	3.5(-11)	3	ВИ	72BE1098
78	PT	194	0.328	T1/2	3.5(-11)	5	РР	72SH2531
78	PT	194	0.622	T1/2	3.5(-11)	4	ВИ	72BE1098
78	PT	194	1.3734	T1/2	< 8(-10)		ВИ	72AU0108
78	PT	194	1.4853	T1/2	3.45(-9)	12	ВИ	72AU0108
78	PT	194	2.4384	T1/2	6.4(-9)	8	ВИ	72AU0108
78	PT	195	0.0987	T1/2	8.3(-10)	14	РР	72SH0159
78	PT	195	0.0987	T1/2	8.3(-10)	1	РР	72SH2531
78	PT	196	0.356	T1/2	3.52(-11)	40	А	72NO0407
78	PT	196	0.356	T1/2	3.02(-11)	21	ВИ	72BE1098
78	PT	196	0.689	T1/2	3.6(-11)	3	ВИ	72BE1098
78	PT	197	0.41	T1/2	5.664(+3)	48	ВИ	73UR0161
78	PT	199	0.425	T1/2	1.41(+1)	3	ВИ	73UR0161
79	AU	186		T1/2	<= 1.20(+2)		ВИ	72FI0369
79	AU	186		T1/2	6.60(+2)	60	ВИ	72FI0369
79	AU	191	0.0119	T1/2	1.68(-8)		ВИ	72HO0001
79	AU	191	0.2082	T1/2	< 1(-10)		ВИ	72HO0001
79	AU	191	0.2529	T1/2	< 5(-11)		ВИ	72HO0001
79	AU	191	0.4920	T1/2	< 2(-10)		ВИ	72HO0001
79	AU	191	0.5413	T1/2	1.2(-8)		ВИ	72HO0001
79	AU	196	0.596	T1/2	3.49(+4)	4	ВИ	72SC0409
79	AU	197		T1/2	7.86	4	ВИ	72JO0221
79	AU	197	0.077	T1/2	1.84(-9)	2	ВИ	72GU0669
79	AU	197	0.077	T1/2	1.87(-9)	5	ВИ	72CH0405
79	AU	197	0.07734	T1/2	1.95(-9)	5	ВИ	73LY2160
79	AU	197	0.268	T1/2	3.0(-10)	8	РР	73SH0118
79	AU	197	0.279	T1/2	2.2(-11)	3	РР	73SH0118
79	AU	197	0.279	T1/2	7.5	4	ВИ	73FO0310
79	AU	197	0.503	B(E2)	APR3(-4)		КВ	72LE0141
79	AU	197	0.888	B(E2)	APR6.7(-3)		КВ	72LE0141
79	AU	197	0.956	B(E2)	APR7.4(-3)		КВ	72LE0141
79	AU	197	0.960	B(E2)	APR8.0(-3)		КВ	72LE0141
79	AU	198		T1/2	1.96(+5)	4	ВИ	72CU1407
79	AU	198	0.3123	T1/2	1.18(-7)	8	ВИ	73PA0164
79	AU	198	0.8119	T1/2	2.04(+5)	60	ВИ	73PA0001
79	AU	198	0.8119	T1/2	2.03904(+5)	6048	ВИ	73PA0164
80	HG	184	0.3667	T1/2	2.1(-11)	5	П	73RU1421
80	HG	184	0.6546	T1/2	2.27(-11)	24	П	73RU1421
80	HG	184	0.9947	T1/2	5.6(-12)	21	П	73RU1421
80	HG	184	1.4130	T1/2	< 5.5(-12)		П	73RU1421
80	HG	190	2.604	T1/2	2.45(-8)	7	ВИ	72IN1163
80	HG	197	0.153	T1/2	5.7(-9)	2	ВИ	72CO0637
80	HG	197	0.134	T1/2	7.0(-9)	2	ВИ	72LE0147
80	HG	197	0.154	T1/2	7.05(-9)	5	ВИ	72BA0500
80	HG	199	0.20816	T1/2	4.8(-11)	10	ВИ	72SI0191
80	HG	200	1.96265	T1/2	< 8(-10)		ВИ	72CU0593
80	HG	200	2.14383	T1/2	1.07(-9)	4	ВИ	72CU0593
81	TL	200		T1/2	2.6(-7)	6	ВИ	72IS0223
81	TL	200		T1/2	3.3(-7)	5	ВИ	72IS0223
81	TL	203	0.2792	B(E2)	1.106(-1)	77	КВ	73KR0179
81	TL	203	0.6804	B(E2)	2.122(-1)	188	КВ	73KR0179
81	TL	205	0.2037	B(E2)	1.060(-1)	80	КВ	73KR0179
81	TL	205	0.204	B(E2)	4.8(-2)	8	М..	72CH0025
81	TL	205	0.204	T1/2	1.4(-9)	1	М..	72BA0472
81	TL	205	0.204	B(M1)	6.1(-4)	3	М..	72CH0025
81	TL	205	0.6194	B(E2)	1.284(-1)	96	КВ	73KR0179
81	TL	205	2.630	B(E3)	6.9(-1)	12	М..	72CH0025
81	TL	208	0.040	T1/2	6.5(-12)	8		72PA0177
81	TL	208	0.288	T1/2	> 1(-13)		А	72PA0177
82	PB	194	1.541	T1/2	APR1(-5)		ВИ	73DJ0323
82	PB	194	1.819	T1/2	< 5(-9)		ВИ	72AL0835
82	PB	194	2.4064	T1/2	1.5(-8)	5	ВИ	72AL0219

82	PB	194	2.4064	T1/2	1.5(-8)	5	BM	73PA0449
82	PB	194	> 2.580	T1/2	3.35(-7)	30	BM	73PA0449
82	PB	194	2.5804	T1/2	3.35(-7)	30	BM	72AL0219
82	PB	196	1.796	T1/2	1.34(-7)	20	BM	73DJ0323
82	PB	196	1.7973	T1/2	1.3(-7)	1	BM	72AL0855
82	PB	196	1.7973	T1/2	1.3(-7)	1	BM	73PA0449
82	PB	196	1.7973	T1/2	1.30(-7)	10	BM	72AL0219
82	PB	196	2.169	T1/2	< 5(-9)		BM	72AL0219
82	PB	196	2.169	T1/2	< 5(-9)		BM	73PA0449
82	PB	196	2.306	T1/2	6.1(-8)	14	BM	73DJ0323
82	PB	196	2.3073	T1/2	5.1(-8)	5	BM	73PA0449
82	PB	196	2.3073	T1/2	5.1(-8)	5	BM	72AL0219
82	PB	196	> 2.6443	T1/2	2.95(-7)	30	BM	73PA0449
82	PB	196	2.6443	T1/2	2.95(-7)	30	BM	72AL0219
82	PB	198	1.7735	T1/2	4.9(-8)	5	BM	72AL0219
82	PB	198	1.822	T1/2	6.33(-8)	25	BM	72SP0029
82	PB	198	1.8223	T1/2	6.33(-8)	25	BM	72KR1751
82	PB	198	1.8234	T1/2	4.9(-8)	5	BM	73PA0469
82	PB	198	1.8236	T1/2	4.9(-8)	5	BM	72AL0855
82	PB	198	1.824	T1/2	6.0(-8)	15	BM	72IS0223
82	PB	198	2.0914	T1/2	< 5(-9)		BM	72AL0219
82	PB	198	> 2.139	T1/2	APR5(-6)		BM	73DJ0323
82	PB	198	2.140	T1/2	< 3.65(-6)		BM	72KR1751
82	PB	198	2.1414	T1/2	< 5(-9)		BM	73PA0449
82	PB	198	APR2.200	T1/2	3.7(-6)	3	BM	72IS0223
82	PB	198	2.6323	T1/2	2.21(-7)	30	BM	72AL0219
82	PB	198	> 2.700	T1/2	2.21(-7)	30	BM	73PA0449
82	PB	200	1.4882	T1/2	3.3(-10)	2	BM	72AL0855
82	PB	200	1.4882	T1/2	3.3(-10)	2	BM	72AL0219
82	PB	200	1.4882	T1/2	3.3(-10)	2	BM	73PA0449
82	PB	200	1.908	T1/2	1.32(-9)	7	BM	72AL0855
82	PB	200	1.908	T1/2	1.50(-9)	8	BM	72KR1751
82	PB	200	1.9080	T1/2	1.32(-9)	7	BM	72AL0219
82	PB	200	1.908	T1/2	1.32(-9)	7	BM	73PA0449
82	PB	200	1.908	T1/2	1.50(-9)	8	BM	72SP0029
82	PB	200	2.153	T1/2	4.76(-8)	25	BM	72KR1751
82	PB	200	2.153	T1/2	4.76(-8)	25	BM	72SP0029
82	PB	200	2.1532	T1/2	4.4(-8)	2	BM	73PA0469
82	PB	200	2.1532	T1/2	4.4(-8)	2	BM	72AL0219
82	PB	200	2.2367	T1/2	5(-7)		BM	73DJ0323
82	PB	200	2.2370	T1/2	4.8(-7)	3	BM	73PA0469
82	PB	200	2.2370	T1/2	4.80(-7)	30	BM	72AL0219
82	PB	200	> 3.010	T1/2	1.58(-7)	30	BM	73PA0449
82	PB	200	> 3.014	T1/2	1.58(-7)	30	BM	72AL0219
82	PB	204	0.899	B(E2)	1.51(-1)	15	KB	72HA0113
82	PB	205	3.195	T1/2	2.26(-7)	17	BM	73BE0005
82	PB	206	0.8029	B(E2)	9.5(-2)	5	KB	72HA0113
82	PB	206	0.803	T1/2	> 3.5(-13)		A	73BE0249
82	PB	206	0.803	B(E2)	9.4(-2)	6	KB	72HA0186
82	PB	206	1.165	T1/2	6.7(-10)	7	BM	72TA0876
82	PB	206	2.6454	B(E3)	5.0(-1)	3	KB	72HA0113
82	PB	206	2.6454	T1/2	8.7(-14)	21	A	72HA0113
82	PB	207	0.5696	B(E2)	2.14(-2)	10	KB	72HA0113
82	PB	207	0.8977	B(E2)	1.21(-2)	5	KB	72HA0113
82	PB	207	0.8977	T1/2	1.3(-13)	3	A	72HA0113
82	PB	207	2.6244	B(E3)	2.3(-1)	3	KB	72HA0113
82	PB	207	2.6247	T1/2	9.0(-14)	3	A	72HA0113
82	PB	207	2.6624	T1/2	6.6(-13)	14	A	72HA0113
82	PB	207	2.6624	B(E3)	2.9(-1)	2	KB	72HA0113
82	PB	208	2.600	Γ0	2.75(-5)	3	P4	72FR0118
82	PB	208	2.6145	B(E3)	5.4(-1)	3	KB	72HA0113
82	PB	208	7.071	Γ0	3.1(+1)	3	PP	73SW0534
82	PB	208	7.091	Γ0	1.7(+1)	2	PP	73SW0534
82	PB	208	7.279	Γ0	7.80(-1)	60	PP	72WO2276
82	PB	209	0.779	T1/2	> 2(-12)		A	72HA0113
82	PB	209	0.78	T1/2	8.18(-12)	90	П	73HA0247
82	PB	209	1.567	T1/2	3.3(-13)	9	A	72HA0113

83	BI	191		T1/2	1.20(+1)	7	BM	72GA0958
83	BI	193		T1/2	3.48	18	BM	72GA0958
83	BI	195		T1/2	1.05(+2)	7	BM	72GA0958
83	BI	197		T1/2	6.00(+2)		BM	72GA0958
83	BI	198		T1/2	7.7	5	BM	73KA0119
83	BI	198	0.2485	T1/2	7.7	5	BM	72HA0111
83	BI	199	> 1.922	T1/2	< 2(-5)		BM	73GI0141
83	BI	199	> 1.922	T1/2	> 3(-7)		BM	73GI0141
83	BI	200		T1/2	4.6(-8)	4	BM	72HA0111
83	BI	200		T1/2	4.0(-1)	5	BM	73KA0119
83	BI	200	0.4282	T1/2	4.0(-1)	5	BM	72HA0111
83	BI	200	2.2418	T1/2	4.6(-8)	4	BM	73KA0120
83	BI	201	> 1.836	T1/2	> 3(-7)		BM	73GI0141
83	BI	201	> 1.836	T1/2	< 2(-5)		BM	73GI0141
83	BI	203	1.313	T1/2	3.6(-10)	3	BM	72BE0001
83	BI	204		T1/2	1.30(-2)	1	BM	72RA1037
83	BI	204		T1/2	1.07(-3)	2	BM	72RA1037
83	BI	204	0.808	T1/2	1.07(-3)	3	BM	73RA0462
83	BI	204	2.795	T1/2	1.1(-3)		BM	73KA0121
83	BI	205	1.497	T1/2	7.9(-0)	7	BM	72AL0041
83	BI	206		T1/2	9(-4)	1	BM	73BU0147
83	BI	206		T1/2	8.88(-4)	2	BM	72RA1037
83	BI	206	1.0452	T1/2	1.0(-3)	1	BM	73CO0531
83	BI	208	0.886	T1/2	1.8(-13)	+8-5	Д	72OL0583
83	BI	208	0.956	T1/2	> 1.7(-12)		Д	72OL0583
83	BI	208	1.033	T1/2	7.20(-13)	+26-17	Д	72OL0583
83	BI	208	1.069	T1/2	4.4(-13)	+21-12	Д	72OL0583
83	BI	208	1.095	T1/2	1.3(-13)	+5-3	Д	72OL0583
83	BI	208	1.559	T1/2	> 1.2(-12)		Д	72OL0583
83	BI	209	0.2963	B(E2)	2.75(-3)	14	КВ	73KK0179
83	BI	209	0.8965	B(E2)	2.4(-3)	2	КВ	72HA0113
83	BI	209	2.493	T1/2	> 2.1(-12)		Д	72HA0113
83	BI	209	2.563	T1/2	1.4(-14)	10	Д	72HA0113
83	BI	209	2.563	B(E3)	7.2(-2)	14	M_{+0}	72LE0014
83	BI	209	2.584	T1/2	3.1(-13)	10	Д	72HA0113
83	BI	209	2.601	T1/2	4.4(-13)	14	Д	72HA0113
83	BI	209	2.617	T1/2	> 2.1(-12)		Д	72HA0113
83	BI	209	2.741	T1/2	> 2.1(-12)		Д	72HA0113
83	BI	209	2.741	B(E3)	4.7(-2)	10	M_{+0}	72LE0014
83	BI	209	2.826	T1/2	< 1.4(-14)		Д	72HA0113
83	BI	209	3.140	T1/2	2.1(-14)	14	Д	72HA0113
83	BI	209	3.156	T1/2	> 2.1(-12)		Д	72HA0113
83	BI	210	0.433	T1/2	5.65(-8)	10	BM	72BA0496
83	BI	210	0.4331	T1/2	5.90(-8)	15	BM	73PR2137
83	BI	210	0.4389	T1/2	3.8(-8)	10	BM	73PR2137
83	BI	210	0.439	T1/2	3.70(-8)	14	BM	72BA0496
83	BI	212	0.239	T1/2	1.0(-12)	2	BM	72PA0170
84	PO	199		T1/2	2.52(+2)		BM	73KO0143
84	PO	199		T1/2	2.52(+2)	18	BM	73KO7289
84	PO	200	> 1.763	T1/2	1.90(-7)	60	BM	72NA0084
84	PO	200	2.154	T1/2	5(-8)	1	BM	72IS0223
84	PO	200	2.250	T1/2	5.4(-7)	3	BM	72IS0223
84	PO	201	0.427	T1/2	5.40(+2)	18	BM	73KO7289
84	PO	201	0.427	T1/2	5.40(+2)		BM	73KO0143
84	PO	202	> 1.690	T1/2	1.85(-7)	30	BM	72NA0084
84	PO	205		T1/2	> 1.(-3)		BM	72SH0063
84	PO	205	1.461	T1/2	5.8(-2)	2	BM	73FO0269
84	PO	205	1.461	T1/2	6.2(-2)	5	BM	73OH0041
84	PO	207	1.1152	T1/2	5.0(-5)	5	BM	73CO0531
84	PO	209	0.545	T1/2	7.0(-11)	20	BM	71AL0137
84	PO	209	1.418	T1/2	2.48(-8)	14	BM	71AL0137
84	PO	209	1.522	T1/2	7.0(-11)	20	BM	71AL0137
84	PO	210	1.426	T1/2	1.60(-9)	6	BM	73NA0095
84	PO	210	1.4267	T1/2	1.53(-9)	8	BM	73BE0761
84	PO	210	1.4267	T1/2	1.53(-9)	10	BM	72BE0001
84	PO	210	1.473	T1/2	4.09(-8)	10	BM	73NA0095
84	PO	210	1.4732	T1/2	4.30(-8)	15	BM	72BE0001

84	PO	210	1.4732	T1/2	4.30(-8)	15	BR	73BE0761
84	PO	210	1.4734	T1/2	4.0(-8)	6	BR	72JA0261
85	AT	205	1.492	T1/2	1.10(-7)	25	BR	72HA0145
85	AT	210	1.3032	T1/2	2.7(-8)	3	BR	72WI0125
85	AT	210	2.5494	T1/2	7.5(-7)	10	BR	72WI012A
85	AT	211	1.1162	T1/2	5.7(-10)	4	BR	72AS0055
85	AT	211	1.4166	T1/2	5(-8)		BR	71MA0221
85	AT	211	2.6414	T1/2	7(-8)		BR	71MA0221
85	AT	211	4.8162	T1/2	4.2(-6)	4	BR	71MA0221
86	RN	212	1.657	T1/2	3(-8)		BR	72CH0166
86	RN	212	1.6592	T1/2	1.65(-7)	15	BR	71MA0221
86	RN	212	<= 1.700	T1/2	1.0(-6)	1	BR	71MA0221
87	FR	213	1.5888	T1/2	APR1(-6)		BR	71MA0221
87	FR	213	2.5548	T1/2	APR5.0(-7)		BR	71MA0221
88	RA	214	0.457	T1/2	5.7(-5)	6	BR	72CO0065
88	RA	214	1.607	T1/2	3.2(-8)	8	BR	71MA0221
88	RA	214	1.8535	T1/2	6.7(-5)	3	BR	71MA0221
89	AC	222		T1/2	6.2(+1)	5	BR	73MO2596
89	AC	222		T1/2	6.6(+1)	3	BR	72ES0942
89	AC	227	0.02735	T1/2	4.10(-8)	11	BR	72GA0124
90	TH	232	0.048	B(E2)	9.1	6	P4	72EL0545
90	TH	232	0.049369	T1/2	3.20(-10)	24	M	73CA2302
90	TH	232	0.776	B(E3)	6.5(-1)	6	P4	72EL0545
90	TH	232	0.786	B(E2)	2.0(-1)	3	P4	72EL0545
90	TH	232	1.107	B(E3)	4.5(-1)	5	P4	72EL0545
91	PA	233	0.0866	T1/2	3.56(-8)	7	BR	72WI0125
91	PA	233	0.0866	T1/2	3.57(-8)	4	BR	72MC0413
92	U	234	0.043	B(E2)	1.18(+1)	4	P4	73BO0125
92	U	234	0.850	B(E3)	6.5(-1)	4	P4	73BO0125
92	U	234	0.927	B(E2)	1.5(-1)	1	P4	73BO0125
92	U	234	1.023	B(E3)	4.2(-1)	3	P4	73BO0125
92	U	234	1.312	B(E3)	3.7(-1)	3	P4	73BO0125
92	U	234	1.486	B(E3)	4(-2)	1	P4	73BO0125
92	U	234	1.721	B(E3)	5(-2)	1	P4	73BO0125
92	U	236	0.044	B(E2)	1.24(+1)	8	P4	73BO0125
92	U	236	0.746	B(E3)	6.8(-1)	6	P4	73BO0125
92	U	236	0.959	B(E2)	1.9(-1)	2	P4	73BO0125
92	U	236	1.057	B(E3)	3.4(-1)	2	P4	73BO0125
92	U	236	1.052	T1/2	1.25(-7)	20	BR	73BR0386
92	U	236	1.150	B(E3)	2.6(-1)	4	P4	73BO0125
92	U	238	0.045	B(E2)	1.17(+1)	8	P4	72EL0545
92	U	238	0.751	B(E3)	5.4(-1)	7	P4	72EL0545
92	U	238	0.998	B(E3)	2.2(-1)	3	P4	72EL0545
92	U	238	1.061	B(E2)	1.0(-1)	1	P4	72EL0545
92	U	238	1.109	B(E3)	2.9(-1)	5	P4	72EL0545
93	NP	237	0.0596	T1/2	7.0(-8)	3	BR	73BI0009
93	NP	237	0.0596	T1/2	6.69(-8)	10	BR	72MC0413
93	NP	237	0.060	T1/2	6.4(-8)	2	BR	72MI0011
93	NP	237	0.060	T1/2	6.83(-8)	2	BR	72MI0011
94	PU	239	0.0573	T1/2	1.01(-10)	5	MO	72GA0053
94	PU	242	0.046	B(E2)	1.65(+1)	14	P4	72EL0545
94	PU	242	0.853	B(E3)	7.1(-1)	9	P4	72EL0545
94	PU	242	1.020	B(E3)	7.4(-1)	11	P4	72EL0545
94	PU	242	1.102	B(E2)	1.5(-1)	3	P4	72EL0545
94	PU	242	1.650	B(E3)	3.8(-1)	6	P4	72EL0545
96	CM	245	0.055	T1/2	< 1.0(-10)		BR	72AN0022
96	CM	245	0.388	T1/2	4.50(-10)	20	BR	72AN0022
97	BK	250	0.1753	T1/2	4.2(-8)	2	BR	73AH0287
100	FM	250		T1/2	1.8	1	BR	73GH2032
102	NO	253	APR0.300	T1/2	3.13(-5)	41	BR	73BE0647
102	NO	254		T1/2	2.8(-1)	4	BR	73GH2032

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