

Capitalized letters signify that a configuration has to be invoked. The D<sub>3/2</sub> for 11 nucleons means, for instance, a configuration with orbital angular momentum 2 which results from d 5/2 orbits of the last 3 nucleons. Underlining signifies that the spin has been measured.

8. Log ft value calculated with the f function for allowed transitions. The values are given in brackets if the transition goes to an excited state.

A plus sign is added if branching of unknown percentage is known to occur.

9. Reference to bibliography. No authors are quoted if all references are given in the compilations by Seaborg and Perlman (S1), Mitchell (M1), or Nat. Bur. Stand. (N1).

10. References to footnotes for table.

Class Z-Element-A	Sign Energy	Halflife	Numbers Final State	Configuration			log ft	Footnotes Ref.		
1	2	3	4	5	6	7	8	9	10	
Ab $\beta$	6-C-15	-(8.8)	2.4s	e	9-7	s1/2-p1/2	(5.3)	H1		
Aa $\beta$	7-N-17	-(3.7)	4.2s	e	7-9	p1/2-s1/2	(3.8)	A1		
Aa $\beta$	8-O-19	-4.5	27.0s	g	30 11-9	D3/2-s1/2	5.5	S1		
Ab $\alpha$	10-Ne-23	- 4.1	40.7s	g	13-11	d5/2-D3/2	4.9	S1		
Ba $\alpha$	11-Na-25	- 3.7	61s	g	55 11-13	D3/2-d5/2	5.2	B1	1	
Aa $\alpha$	12-Mg-27	-(1.8)	10m	e	80 15-13	s1/2-d5/2	(4.7)	M1		
Aa $\alpha$	13-Al-29	-(2.5)	6.6m	e	70 13-15	d5/2-s1/2	(5.2)	S2		
Aa $\alpha$	14-Si-31	- 1.8	170m	g	17-15	d3/2-s1/2	5.9	S1		
Ab $\alpha$	16-S-35	- 0.17	87.1d	g	19-17	d3/2-d3/2	5.0	S1		
Aa $\alpha$	16-S-37	- 4.3	5.0m	g	10 21-17	f7/2-d3/2	7.1	N1		
Aa $\alpha$	18-A-41	- 2.55	109m	g	0.7 23-19	f7/2-d3/2	8.6	S1		
Aa $\beta$	20-Ca-45	- 0.22	152d	g	25-21	f7/2-f7/2	5.6	M2	2	
Ab $\beta$	21-Sc-43	+ 1.13	3.92h	g<80	21-23	f7/2-f7/2	4.8+	H2		
Bb $\beta$	21-Sc-47	- 0.61	3.43d	g<100	21-25	f7/2-f7/2	5.6+	K1	2,3	