

^{74}Zn $Z = 30$ $N = 44$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 639.564 (0.003) MeV

Qbeta- = 2.293 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
74ZN 1	0.000	0+			1 95.6 S 12
74ZN 2	0.606	2+			2 17.7 PS 13
74ZN 3				1.419 (4)+	3 13.9 PS +12-36
74ZN 4				1.670 (2+)	4
74ZN 5				1.789	5
74ZN 6				2.099	6
74ZN 7				2.148 (1,2+)	7
74ZN 8				2.354	8
74ZN 9				2.552	9
74ZN 10				2.621 (6+)	10
74ZN 11				2.658	11
74ZN 12				2.698 (1,2+)	12
74ZN 13				2.809	13
74ZN 14				2.905	14
74ZN 15				2.969	15
74ZN 16				2.986	16
74ZN 17				3.064	17
74ZN 18				3.067	18
74ZN 19				3.571	19
74ZN 20				4.562	20
74ZN 21				4.862	21
74ZN 22				4.897	22
74ZN 23				5.628	23

S-p = 14.058 (0.003)-----
 S-n = 8.235 (0.003)-----
 S-2p = 26.109 (0.003)-----
 S-2n = 13.754 (0.003)-----
 S-alpha= 8.968 (0.003)-----

S+p = -9.997 (0.003)
 S+n = -4.873 (0.003)
 S+2p = -22.034 (0.003)
 S+2n = -12.689 (0.003)
 S+alpha = -8.530 (0.004)

gap p = 4.062 (0.005)

gap n = 3.361 (0.004)
gap 2p = 4.075 (0.004)
gap 2n = 1.065 (0.004)
gap alpha = 0.438 (0.005)