

^{73}Zn $Z = 30$ $N = 43$ [link to full NNDC output](#)

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

BE = 631.329 (0.002) MeV

Qbeta- = 4.106 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
73ZN 1				0.000 (1/2)-	1 23.5 S 10
73ZN 2			0+X		2 5.8 S 8
73ZN 3				0.196 (5/2+)	3 13.0 MS 2
73ZN 4				0.307 (LE 5/2)	4
73ZN 5				0.450 (3/2-)	5
73ZN 6				0.502 (LE 5/2)	6
73ZN 7				1.124 (LE 5/2)	7
73ZN 8				2.009 (LE 5/2)	8

S-p = 13.099 (0.002)-----

S-n = 5.519 (0.003)-----

S-2p = 24.765 (0.003)-----

S-2n = 14.407 (0.003)-----

S-alpha= 8.040 (0.004)-----

S+p = -9.745 (0.004)

S+n = -8.235 (0.003)

S+2p = -20.842 (0.002)

S+2n = -13.108 (0.003)

S+alpha = -8.044 (0.002)

gap p = 3.354 (0.004)

gap n = -2.715 (0.004)

gap 2p = 3.923 (0.004)

gap 2n = 1.299 (0.004)

gap alpha = -0.005 (0.005)