

^{79}Zn $Z = 30$ $N = 49$ [link to full NNDC output](#)

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

BE = 667.596 (0.002) MeV

Qbeta- = 9.115 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
79ZN 1	0.000	9/2+			1 0.746 S 42
79ZN 2	0.983	5/2+			2
79ZN 3	1.100	1/2+			3 200 MS GE
79ZN 4				1.336 (1/2,3/2)	4
79ZN 5				1.424 3/2+,5/2+	5
79ZN 6				2.312	6
79ZN 7				2.521	7
79ZN 8				3.195	8
79ZN 9				3.198	9
79ZN 10				3.304	10

S-p = 16.224 (0.503)-----
 S-n = 4.020 (0.003)-----
 S-2p = 0.000 (0.000)-----
 S-2n = 10.786 (0.003)-----
 S-alpha= 0.000 (0.000)-----

S+p = -13.080 (0.004)
 S+n = -6.288 (0.003)
 S+2p = -27.437 (0.003)
 S+2n = -8.910 (0.005)
 S+alpha = -9.969 (0.003)

gap p = 3.144 (0.503)
 gap n = -2.267 (0.004)
 gap 2p = 0.000 (0.000)
 gap 2n = 1.876 (0.006)
 gap alpha = 0.000 (0.000)