

$^{79}\text{Zn}$        $Z = 30$        $N = 49$       adopted link      ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 667.596 ( 0.002) MeV

Qbeta- = 9.116 ( 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 = 15.932 ( 0.014)-----  
 S-n = 4.020 ( 0.003)-----  
 S-2p = 30.652 ( 0.385)-----  
 S-2n = 10.786 ( 0.003)-----  
 S-alpha= 11.625 ( 0.225)-----

S+p = -13.080 ( 0.004)  
 S+n = -6.288 ( 0.003)  
 S+2p = -27.437 ( 0.003)  
 S+2n = -8.910 ( 0.006)  
 S+alpha = -9.969 ( 0.003)

gap p = 2.851 ( 0.014)  
 gap n = -2.267 ( 0.005)  
 gap 2p = 3.215 ( 0.385)  
 gap 2n = 1.876 ( 0.006)  
 gap alpha = 1.656 ( 0.225)