

$^{83}\text{Zn}$        $Z = 30$        $N = 53$       adopted link      ENSDF link

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

BE = 682.758 (-0.332) MeV

Qbeta- = 12.948 ( 0.332) MeV

	Energy T	J+	J-	J-other	T1/2
83ZN	1			0.000	1 117 MS 20

S-p = 17.902 (-0.528)-----  
 S-n = 2.066 (-0.332)-----  
 S-2p = 34.758 (-0.801)-----  
 S-2n = 6.252 (-0.332)-----  
 S-alpha= 10.612 (-0.579)-----

S+p = -15.074 (-0.333)  
 S+n = -3.606 (-0.535)  
 S+2p = -31.392 (-0.332)  
 S+2n = -4.892 (-0.609)  
 S+alpha = -9.741 (-0.422)

gap p = 2.828 ( 0.624)  
 gap n = -1.540 ( 0.630)  
 gap 2p = 3.366 ( 0.867)  
 gap 2n = 1.360 ( 0.693)  
 gap alpha = 0.871 ( 0.716)