

$^{84}\text{Zn}$        $Z = 30$        $N = 54$       adopted link      ENSDF link

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

BE = 686.364 (-0.420) MeV

Qbeta- = 12.250 ( 0.421) MeV

	Energy T	J+	J-	J-other	T1/2
84ZN	1   0.000	0+			1 633 NS GT

S-p = 18.712 (-0.651)-----  
 S-n = 3.606 (-0.535)-----  
 S-2p = 35.694 (-0.921)-----  
 S-2n = 5.672 (-0.420)-----  
 S-alpha= 11.028 (-0.700)-----

S+p = -15.189 (-0.422)  
 S+n = -1.286 (-0.661)  
 S+2p = -32.134 (-0.607)  
 S+2n = -4.388 (-0.665)  
 S+alpha = -10.108 (-0.608)

gap p = 3.523 ( 0.776)  
 gap n = 2.320 ( 0.850)  
 gap 2p = 3.560 ( 1.103)  
 gap 2n = 1.284 ( 0.787)  
 gap alpha = 0.920 ( 0.927)