

^{80}Zn $Z = 30$ $N = 50$ adopted link ENSDF link

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

BE = 673.884 (0.003) MeV

Qbeta- = 7.575 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
80ZN 1	0.000	0+			1 561.9 MS 30
80ZN 2	1.492	2+			2 0.52 PS 11

S-p = 16.530 (0.105)-----
 S-n = 6.288 (0.003)-----
 S-2p = 31.320 (0.390)-----
 S-2n = 10.308 (0.003)-----
 S-alpha= 11.900 (0.304)-----

S+p = -13.268 (0.004)
 S+n = -2.622 (0.006)
 S+2p = -28.344 (0.003)
 S+2n = -6.808 (0.004)
 S+alpha = -8.925 (0.004)

gap p = 3.261 (0.105)
 gap n = 3.665 (0.007)
 gap 2p = 2.975 (0.390)
 gap 2n = 3.500 (0.005)
 gap alpha = 2.975 (0.304)