

^{80}Ni $Z = 28$ $N = 52$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 647.040 (-0.560) MeV

Qbeta- = 13.422 (0.645) MeV

	Energy T	J+	J-	J-other	T1/2
80NI	1 0.000	0+			1 24 MS +26-17

S-p = 0.000 (-0.000) -----
 S-n = 3.190 (-0.734) -----
 S-2p = 0.000 (-0.000) -----
 S-2n = 4.476 (-0.682) -----
 S-alpha= 15.076 (-0.827) -----

S+p = -15.945 (-0.647)
 S+n = -0.960 (-0.919)
 S+2p = -33.652 (-0.560)
 S+2n = -3.630 (-0.993)
 S+alpha = -11.028 (-0.700)

gap p = 0.000 (0.000)
 gap n = 2.230 (1.176)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.846 (1.205)
 gap alpha = 4.048 (1.083)