

^{78}Ni $Z = 28$ $N = 50$ adopted link ENSDF link

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

BE = 642.564 (-0.390) MeV

Qbeta- = 9.883 (0.390) MeV

	Energy T	J+	J-	J-other	T1/2
78Ni	1 0.000	0+			1 0.11 S +10-6

S-p = 20.250 (-0.729)-----

S-n = 5.620 (-0.548)-----

S-2p = 38.896 (-0.722)-----

S-2n = 8.876 (-0.494)-----

S-alpha= 16.644 (-0.648)-----

S+p = -14.790 (-0.404)

S+n = -1.286 (-0.614)

S+2p = -31.320 (-0.390)

S+2n = -4.476 (-0.682)

S+alpha = -9.832 (-0.390)

gap p = 5.460 (0.833)

gap n = 4.334 (0.823)

gap 2p = 7.576 (0.821)

gap 2n = 4.400 (0.843)

gap alpha = 6.812 (0.757)