

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

Based on ensdf_240402 (Apr 2024), 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
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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)