

^{71}Ni $Z = 28$ $N = 43$ adopted link ENSDF link

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

BE = 606.564 (0.002) MeV

Qbeta- = 7.305 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
71NI 1	0.000	(9/2+)			1 2.56 S 3
71NI 2	0.281	(7/2+)			2
71NI 3			0.498	(1/2-)	3 2.3 S 3
71NI 4	0.813	(5/2+)			4
71NI 5			1.065	(5/2-)	5
71NI 6			1.273	(5/2-)	6

S-p = 16.170 (0.011) -----
 S-n = 4.264 (0.003) -----
 S-2p = 30.759 (0.207) -----
 S-2n = 11.570 (0.004) -----
 S-alpha= 12.123 (0.004) -----

S+p = -11.666 (0.003)
 S+n = -6.891 (0.003)
 S+2p = -24.765 (0.003)
 S+2n = -10.845 (0.003)
 S+alpha = -9.578 (0.003)

gap p = 4.505 (0.012)
 gap n = -2.627 (0.004)
 gap 2p = 5.994 (0.207)
 gap 2n = 0.726 (0.005)
 gap alpha = 2.545 (0.005)