

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

Based on ENSDF from Oct 2022, 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				0.280 (7/2+)	2
71NI 3				0.499 (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)