

^{73}Ni $Z = 28$ $N = 45$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 617.409 (0.002) MeV

Qbeta- = 8.879 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
73NI 1				0.000 (9/2+)	1 0.84 S 3
73NI 2				0.239 (7/2+)	2
73NI 3				0.524 (5/2+)	3
73NI 4				1.299 (5/2-)	4

S-p = 0.000 (0.000)-----
 S-n = 3.953 (0.003)-----
 S-2p = 0.000 (0.000)-----
 S-2n = 10.844 (0.003)-----
 S-alpha= 0.000 (0.000)-----

S+p = -13.187 (0.007)
 S+n = 0.000 (0.000)
 S+2p = -27.029 (0.003)
 S+2n = 0.000 (0.000)
 S+alpha = -11.106 (0.003)

gap p = 0.000 (0.000)
 gap n = 0.000 (0.000)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.000 (0.000)
 gap alpha = 0.000 (0.000)