

^{51}Ni $Z = 28$ $N = 23$ adopted link ENSDF link

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

BE = 401.370 (-0.510) MeV

Qbeta+ = 15.704 (0.512) MeV

	Energy T	J+	J-	J-other	T1/2
51Ni 1				0.000 (7/2-)	1 23.8 MS 2
51Ni 2				0.000	2 23.8 MS 2

S-p = 1.338 (-0.525)-----
 S-n = 16.270 (-0.714)-----
 S-2p = 1.466 (-0.511)-----
 S-2n = 36.320 (-0.778)-----
 S-alpha= 6.944 (-0.726)-----

S+p = 2.478 (-0.806)
 S+n = -18.993 (-0.517)
 S+2p = 0.000 (-0.000)
 S+2n = -34.135 (-0.511)
 S+alpha = -5.054 (-0.639)

gap p = 3.816 (0.962)
 gap n = -2.723 (0.882)
 gap 2p = 0.000 (0.000)
 gap 2n = 2.185 (0.931)
 gap alpha = 1.890 (0.967)