

^{151}Nd $Z = 60$ $N = 91$ adopted link ENSDF link

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

BE = 1242.771 (0.001) MeV

Qbeta- = 2.443 (0.005) MeV

	Energy T	J+	J-	J-other	T1/2
151ND 1	0.000	3/2+			1 12.44 M 7
151ND 2				0.022 (5/2)+	2
151ND 3				0.058 (3/2)-	3
151ND 4				0.076 (7/2)+	4
151ND 5				0.096 (9/2+)	5

S-p = 9.932 (0.009)-----

S-n = 5.334 (0.002)-----

S-2p = 18.851 (0.010)-----

S-2n = 12.710 (0.002)-----

S-alpha= 1.354 (0.009)-----

S+p = -7.600 (0.026)

S+n = -7.278 (0.024)

S+2p = -16.195 (0.002)

S+2n = -12.530 (0.003)

S+alpha = -1.673 (0.002)

gap p = 2.331 (0.027)

gap n = -1.943 (0.025)

gap 2p = 2.656 (0.010)

gap 2n = 0.180 (0.004)

gap alpha = -0.319 (0.009)