

^{152}Tm $Z = 69$ $N = 83$ adopted link ENSDF link

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

BE = 1224.579 (0.054) MeV

Qbeta+ = 8.780 (0.055) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-3.846	(0.100)	-----		
152TM	1			0.000 (2)-	1 8.0 S 10
152TM	2 0.142	1+			2
152TM	3 0.458	1+			3
152TM	4			0.482 (1)+	4
S-p	= 0.743	(0.056)	-----		
152TM	5 0.969	1+			5
152TM	6 1.091	1+			6

S-p = 0.743 (0.056)-----

S-n = 9.020 (0.057)-----

S-2p = 4.352 (0.056)-----

S-2n = 21.429 (0.159)-----

S-alpha= -3.846 (0.100)-----

S+p = -2.787 (0.162)

S+n = -10.324 (0.055)

S+2p = -2.493 (0.163)

S+2n = -18.849 (0.056)

S+alpha = 5.596 (0.076)

gap p = -2.044 (0.172)

gap n = -1.304 (0.080)

gap 2p = 1.859 (0.172)

gap 2n = 2.579 (0.169)

gap alpha = 1.750 (0.126)