

^{151}Tm $Z = 69$ $N = 82$ adopted link ENSDF link

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

BE = 1215.559 (0.019) MeV

Qbeta+ = 7.495 (0.025) MeV

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

S-alpha=	-2.561 (0.020)				
151TM 1				0.000 (11/2-)	1 4.17 S 11

S-p = 0.229 (0.026)-----

S-n = 12.409 (0.151)-----

S-2p = 3.704 (0.023)-----

S-2n = 22.963 (0.150)-----

S-alpha= -2.561 (0.020)-----

S+p = -2.788 (0.151)

S+n = -9.020 (0.057)

S+2p = -2.182 (0.151)

S+2n = -19.344 (0.023)

S+alpha = 5.802 (0.027)

gap p = -2.558 (0.153)

gap n = 3.389 (0.162)

gap 2p = 1.522 (0.153)

gap 2n = 3.619 (0.152)

gap alpha = 3.241 (0.034)