

$^{150}\text{Tm}$        $Z = 69$        $N = 81$       adopted link      ENSDF link

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

BE = 1203.150 (-0.150) MeV

Qbeta+ = 11.397 ( 0.151) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-2.379	(-0.150)	-----		
S-p	= -0.018	(-0.153)	-----		
150TM	1			0.000 (6-)	1 2.20 S 6
150TM	2			0.017 (5-)	2
150TM	3			0.105 (5-)	3
150TM	4			0.220 (6-)	4
150TM	5			0.340 (7-)	5
150TM	6			0.671 (10+)	6 5.2 MS 3
150TM	7			0.000 (6-)	7 2.20 S 6

S-p = -0.018 (-0.153)-----  
S-n = 10.554 (-0.211)-----  
S-2p = 3.021 (-0.172)-----  
S-2n = 23.812 (-0.150)-----  
S-alpha= -2.379 (-0.150)-----

S+p = -2.397 (-0.336)  
S+n = -12.409 (-0.151)  
S+2p = -1.602 (-0.214)  
S+2n = -21.429 (-0.159)  
S+alpha = 4.374 (-0.215)

gap p = -2.415 ( 0.369)  
gap n = -1.855 ( 0.260)  
gap 2p = 1.419 ( 0.274)  
gap 2n = 2.383 ( 0.219)  
gap alpha = 1.995 ( 0.262)