

^{155}Tm $Z = 69$ $N = 86$ adopted link ENSDF link

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

BE = 1253.698 (0.010) MeV

Qbeta+ = 5.583 (0.012) MeV

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

S-alpha=	-4.572	(0.013)	-----		
155TM 1			0.000	11/2-	1 21.6 S 2
155TM 2	0.041	1/2+			2 45 S 4
155TM 3				0.175 (7/2-,9/2-)	3
155TM 4				0.236 (7/2-,9/2-)	4
155TM 5				0.362 (7/2-,9/2-)	5
155TM 6				0.380	6
155TM 7			0.536	15/2-	7
155TM 8				0.614	8
155TM 9			1.132	19/2-	9

S-p =	1.310	(0.011)	-----		
155TM 10				1.380 (17/2-)	10

155TM 11			1.752	23/2-	11
155TM 12				2.039 (21/2-)	12
155TM 13				2.133 (25/2-)	13
155TM 14			2.312	27/2-	14
155TM 15				2.377 (23/2-)	15
155TM 16				2.719 (25/2-)	16
155TM 17			2.767	31/2-	17
155TM 18			3.031	31/2-	18
155TM 19			3.609	35/2-	19
155TM 20			3.769	35/2-	20

155TM 21				4.245 (39/2-)	21
155TM 22			4.530	39/2-	22
155TM 23				4.647 (43/2-)	23
155TM 24				4.993 (47/2-)	24
155TM 25			5.248	43/2-	25
155TM 26				6.074 (47/2-)	26

S-2p =	6.192	(0.011)	-----		
155TM 27				6.220 (51/2-)	27

S-p =	1.310	(0.011)	-----		
S-n =	10.270	(0.017)	-----		
S-2p =	6.192	(0.011)	-----		
S-2n =	18.796	(0.016)	-----		
S-alpha=	-4.572	(0.013)	-----		

S+p = -3.929 (0.014)
S+n = -8.280 (0.017)
S+2p = -4.392 (0.016)
S+2n = -18.226 (0.030)
S+alpha = 4.492 (0.039)

gap p = -2.619 (0.018)
gap n = 1.990 (0.025)
gap 2p = 1.800 (0.019)
gap 2n = 0.570 (0.033)
gap alpha = -0.080 (0.041)