

^{103}Tc $Z = 43$ $N = 60$ adopted link ENSDF link

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

BE = 882.309 (0.010) MeV

Qbeta- = 2.663 (0.010) MeV

	Energy T	J+	J-	J-other	T1/2
103TC 1	0.000	5/2+			1 54.2 S 8
103TC 2	0.046	7/2+			2
103TC 3			0.083 3/2-		3
103TC 4	0.139	9/2+			4
103TC 5			0.178 5/2-		5
103TC 6			0.259 5/2-		6
103TC 7				0.338 1/2-, 3/2-	7
103TC 8				0.362 (7/2-)	8
103TC 9				0.383 (3/2, 5/2, 7/2-)	9
103TC 10				0.470 (3/2+, 5/2+)	10
103TC 11			0.487 1/2-		11
103TC 12			0.519 3/2-		12
103TC 13				0.557 (11/2+)	13
103TC 14				0.595 (9/2-)	14
103TC 15				0.621	15
103TC 16				0.663 (13/2+)	16
103TC 17				0.687	17
103TC 18				0.688 (3/2+, 5/2, 7/2)	18
103TC 19				0.692 (1/2+, 3/2, 5/2-)	19
103TC 20			0.779 3/2-		20
103TC 21				0.848 (11/2-)	21
103TC 22				0.859 (7/2+)	22
103TC 23				0.887	23
103TC 24				0.918 7/2+, 9/2+	24
103TC 25				1.086	25
103TC 26			1.097 3/2-		26
103TC 27				1.150 (3/2-)	27
103TC 28				1.158 (13/2-)	28
103TC 29			1.219 1/2-		29
103TC 30				1.220 (5/2+, 7/2, 9/2+)	30
103TC 31				1.236 (15/2+)	31
103TC 32				1.256 (5/2-, 7/2-)	32
103TC 33				1.310 5/2-, 7/2-	33
103TC 34				1.344 (17/2+)	34
103TC 35				1.467 (15/2-)	35
103TC 36				1.494	36
103TC 37				1.591	37

103TC	38				1.621		38
103TC	39				1.692		39
103TC	40				1.727	5/2-, 7/2-	40

103TC	41				1.766	1/2-, 3/2-	41
103TC	42				1.817	(5/2-, 7/2-)	42
103TC	43				1.834	(17/2-)	43
103TC	44				2.153	(21/2+)	44
103TC	45				2.192	(19/2-)	45
103TC	46				3.017	(23/2+, 25/2+)	46
103TC	47				3.371	(25/2+, 27/2+)	47
103TC	48				3.750	(27/2+, 29/2+)	48
103TC	49				4.069	(29/2+, 31/2+)	49

S-p = 8.332 (0.013)-----
 S-n = 8.102 (0.013)-----
 S-2p = 20.290 (0.010)-----
 S-2n = 14.402 (0.026)-----
 S-alpha= 4.693 (0.016)-----

S+p = -10.781 (0.010)
 S+n = -5.966 (0.027)
 S+2p = -17.825 (0.010)
 S+2n = -13.825 (0.037)
 S+alpha = -4.685 (0.016)

gap p = -2.449 (0.016)
 gap n = 2.136 (0.030)
 gap 2p = 2.465 (0.015)
 gap 2n = 0.577 (0.045)
 gap alpha = 0.009 (0.022)