

$^{43}\text{Ti}$        $Z = 22$        $N = 21$       adopted link      ENSDF link

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

BE = 359.171 ( 0.006) MeV

Qbeta+ = 6.873 ( 0.006) MeV

	Energy T	J+	J-	J-other	T1/2
43TI 1			0.000	7/2-	1 509 MS 5
43TI 2				0.313 (3/2+)	2 11.9 US 3
43TI 3				0.475 (3/2-)	3
43TI 4				0.998 (1/2+)	4
43TI 5				1.022 (5/2+)	5
43TI 6				1.160 (1/2:5/2)-	6
43TI 7				1.484 (7/2+)	7
43TI 8				1.760 (1/2:5/2)-	8
43TI 9				1.858 (11/2-)	9
43TI 10				2.062 (9/2+)	10
43TI 11				2.250	11
43TI 12				2.438	12
43TI 13				2.640	13
43TI 14				2.952 (15/2-)	14
43TI 15				3.066 (19/2-)	15 556 NS 6
43TI 16				3.220	16

S-p = 4.484 ( 0.006)-----

S-n = 12.283 ( 0.006)-----

S-2p = 8.756 ( 0.006)-----

S-2n = 29.761 ( 0.029)-----

S-alpha= 4.458 ( 0.006)-----

S+p = -1.781 ( 0.009)

S+n = -16.304 ( 0.006)

S+2p = -4.777 ( 0.036)

S+2n = -25.837 ( 0.006)

S+alpha = -7.672 ( 0.008)

gap p = 2.702 ( 0.011)

gap n = -4.022 ( 0.008)

gap 2p = 3.979 ( 0.036)

gap 2n = 3.923 ( 0.029)

gap alpha = -3.215 ( 0.010)