

$^{54}\text{Ti}$        $Z = 22$        $N = 32$       [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 464.261 ( 0.082) MeV

Qbeta- = 4.271 ( 0.084) MeV

	Energy T	J+	J-	J-other	T1/2
54Ti 1	0.000	0+			1 2.1 S 10
54Ti 2				1.495 (2+)	2 1.06 PS 19
54Ti 3				2.496 (4+)	3
54Ti 4				2.516 (2+)	4
54Ti 5				2.936 (6+)	5
54Ti 6				3.000	6
54Ti 7				3.339	7
54Ti 8				3.461	8
54Ti 9				5.111 (7+)	9
54Ti 10				5.459 (8+)	10
54Ti 11				5.903 (8+)	11
54Ti 12				6.187 (9+)	12
54Ti 13				6.432 (10+)	13

S-p = 14.004 ( 0.125)-----  
 S-n = 6.862 ( 0.130)-----  
 S-2p = 25.934 ( 0.082)-----  
 S-2n = 12.295 ( 0.083)-----  
 S-alpha = 8.458 ( 0.082)-----

S+p = -10.812 ( 0.126)  
 S+n = -4.117 ( 0.181)  
 S+2p = -24.241 ( 0.082)  
 S+2n = -9.841 ( 0.147)  
 S+alpha = -8.795 ( 0.082)

gap p = 3.193 ( 0.177)  
 gap n = 2.745 ( 0.223)  
 gap 2p = 1.693 ( 0.117)  
 gap 2n = 2.454 ( 0.168)  
 gap alpha = -0.337 ( 0.117)