

$^{55}\text{Ti}$        $Z = 22$        $N = 33$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE = 468.543 ( 0.029) MeV

Qbeta- = 7.293 ( 0.040) MeV

	Energy T	J+	J-	J-other	T1/2
55TI 1			0.000	(1/2)-	1 1.3 S 1
55TI 2			0.592	(5/2-)	2
55TI 3			0.955	(3/2)-	3
55TI 4			1.796	(7/2-)	4
55TI 5			2.146	(9/2-)	5
55TI 6				2.508 (5/2-,7/2)	6
55TI 7			2.806	(13/2-)	7
55TI 8			3.581	(17/2-)	8
S-n =	4.160 ( 0.033)				
55TI 9			5.462	(19/2-)	9

S-p = 14.684 ( 0.032) -----  
 S-n = 4.160 ( 0.033) -----  
 S-2p = 27.023 ( 0.052) -----  
 S-2n = 11.094 ( 0.029) -----  
 S-alpha= 7.925 ( 0.029) -----

S+p = -11.640 ( 0.178)  
 S+n = -5.662 ( 0.104)  
 S+2p = -25.270 ( 0.029)  
 S+2n = -8.712 ( 0.208)  
 S+alpha = -8.708 ( 0.029)

gap p = 3.044 ( 0.181)  
 gap n = -1.502 ( 0.109)  
 gap 2p = 1.752 ( 0.060)  
 gap 2n = 2.382 ( 0.210)  
 gap alpha = -0.783 ( 0.041)