^{53}Ti $Z = 22$ $N = 31$ link to full NNDC output

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

BE = 457.399 (0.100) MeV
Qbeta- = 5.020 (0.100) MeV

	Energy	T	J+		J-		J-other		T1/2	
53TI	1				0.000	(3/2)-	1	32.7 S	9	
53TI	2				1.237	(5/2-)	2			
53TI	3		1.576	7/2-			3			
53TI	4		2.206	9/2-			4			
53TI	5		2.498	11/2-			5			
53TI	6		2.756	13/2-			6			
53TI	7		3.143	15/2-			7			
53TI	8				4.802	(17/2-)	8			
S-n = 5.433 (0.100)										
53TI	9				5.729	(17/2-)	9			
53TI	10				6.057	(21/2-)	10			
53TI	11				6.631		11			
S-alpha= 7.956 (0.100)										
53TI	12				8.132		12			

S-p = 13.677 (0.129)
S-n = 5.433 (0.100)
S-2p = 25.077 (0.100)
S-2n = 13.241 (0.100)
S-alpha= 7.956 (0.100)

S+p = -10.351 (0.101)
S+n = -6.862 (0.130)
S+2p = -22.857 (0.100)
S+2n = -10.980 (0.190)
S+alpha = -8.119 (0.100)

gap p = 3.326 (0.164)
gap n = -1.430 (0.164)
gap 2p = 2.220 (0.142)
gap 2n = 2.261 (0.215)
gap alpha = -0.162 (0.142)