

^{146}Tb $Z = 65$ $N = 81$ adopted link ENSDF link

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

BE = 1195.323 (0.045) MeV

Qbeta+ = 8.322 (0.045) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-1.120	(0.054)	-----		
146TB 1	0.000	1+			1 8 S 4
146TB 2	0.241	1+			2
146TB 3	0.280	1+			3
146TB 4	0.338	1+			4
146TB 5	0.355	1+			5
146TB 6	0.385	1+			6
146TB 7				0.398 (1+)	7
146TB 8				0.566 (1+)	8
146TB 9				0.575 (1+)	9
146TB 10				0.618 (1+)	10

146TB 11				0.653 (0,1)+	11
146TB 12	0.660	1+			12
146TB 13				0.665 (1+)	13
146TB 14				0.682 (1+)	14
146TB 15				0.920 (1+)	15
146TB 16				1.162 (1+)	16
146TB 17				1.696 (1+)	17
146TB 18	1.727	1+			18
146TB 19	1.737	1+			19
146TB 20				1.924	20

146TB 21	2.082	1+			21
S-p =	2.126	(0.049)	-----		
146TB 22	2.157	1+			22

S-p = 2.126 (0.049)-----
S-n = 9.435 (0.120)-----
S-2p = 6.722 (0.046)-----
S-2n = 21.538 (0.053)-----
S-alpha= -1.120 (0.054)-----

S+p = -3.721 (0.046)
S+n = -11.050 (0.046)
S+2p = -4.806 (0.095)
S+2n = -18.916 (0.047)
S+alpha = 3.393 (0.047)

gap p = -1.595 (0.067)
gap n = -1.615 (0.128)
gap 2p = 1.917 (0.106)
gap 2n = 2.622 (0.070)
gap alpha = 2.272 (0.072)