

¹⁹⁶Tl Z = 81 N = 115 adopted link ENSDF link

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

BE = 1546.105 (0.012) MeV

Qbeta+ = 4.329 (0.012) MeV

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

S-alpha=	-2.851	(0.020)	-----		
196TL 1			0.000	2-	
196TL 2			0.192	0-	
196TL 3					
196TL 4			0.253	1-	
196TL 5					
196TL 6			0.366	1-	
196TL 7					
196TL 8			0.494	1-	
196TL 9					
196TL 10					

S-p = 3.772 (0.026)-----
 S-n = 7.413 (0.016)-----
 S-2p = 9.863 (0.012)-----
 S-2n = 16.702 (0.018)-----
 S-alpha= -2.851 (0.020)-----

S+p = -4.538 (0.013)
 S+n = -8.929 (0.018)
 S+2p = -6.455 (0.030)
 S+2n = -16.175 (0.014)
 S+alpha = 4.701 (0.026)

gap p = -0.766 (0.029)
 gap n = -1.516 (0.025)
 gap 2p = 3.407 (0.033)
 gap 2n = 0.527 (0.023)
 gap alpha = 1.850 (0.033)