

^{191}Tl $Z = 81$ $N = 110$ adopted link ENSDF link

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

BE = 1504.535 (0.007) MeV

Qbeta+ = 4.309 (0.023) MeV

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

S-alpha=	-4.321	(0.024)	-----		
191TL 1			0.000	(1/2+)	1
191TL 2			0.341	(3/2+)	2

S-p = 2.201 (0.018)-----
 S-n = 9.988 (0.010)-----
 S-2p = 7.279 (0.021)-----
 S-2n = 17.810 (0.011)-----
 S-alpha= -4.321 (0.024)-----

S+p = -3.558 (0.009)
 S+n = -7.661 (0.033)
 S+2p = -4.179 (0.011)
 S+2n = -17.337 (0.010)
 S+alpha = 5.833 (0.009)

gap p = -1.357 (0.020)
 gap n = 2.328 (0.034)
 gap 2p = 3.099 (0.024)
 gap 2n = 0.473 (0.015)
 gap alpha = 1.512 (0.025)