

^{177}Tl $Z = 81$ $N = 96$ adopted link ENSDF link

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

BE = 1368.593 (0.022) MeV

Qbeta+ = 9.436 (0.087) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-7.067 (0.031)				
S-p	-1.156 (0.024)				
177Tl 1				0.000 (1/2+)	1 18 MS 5
S-2p	0.514 (0.044)				
177Tl 2				0.807 (11/2-)	2 230 US 40

S-p = -1.156 (0.024)

S-n = 11.996 (0.086)

S-2p = 0.514 (0.044)

S-2n = 0.000 (0.000)

S-alpha= -7.067 (0.031)

S+p = -0.375 (0.032)

S+n = -9.305 (0.179)

S+2p = 0.000 (0.000)

S+2n = -21.072 (0.044)

S+alpha = 0.000 (0.000)

gap p = -1.531 (0.040)

gap n = 2.691 (0.199)

gap 2p = 0.000 (0.000)

gap 2n = 0.000 (0.000)

gap alpha = 0.000 (0.000)