

$^{203}\text{Tl}(p,t)$ 1977Se15

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 187,355 (2023)	20-Sep-2022

1977Se15: E(p)=19 MeV; magnetic spectrograph; $\sigma(\theta)$; $\Delta E=5-7$ keV; $J^\pi(^{203}\text{Tl})=1/2^+$.

 ^{201}Tl Levels

E(level) [†]	J^π [‡]	L [@]	E(level) [†]	J^π [‡]	L [@]	E(level) [†]
0	1/2 ⁺	0	1423	7/2 ⁺ ,9/2 ⁺	4	1913
330	3/2 ⁺ #	2	1440	3/2 ⁺ ,5/2 ⁺	2	2098
695	5/2 ⁺ #	2	1472			2147
1106	3/2 ⁺ ,5/2 ⁺	2	1572	7/2 ⁺ ,9/2 ⁺	4	2183
1159	(1/2 ⁺)	(0)	1636			2271
1238	(3/2 ⁺ ,5/2 ⁺)	(2)	1699			2343
1294	7/2 ⁺ ,9/2 ⁺	4	1729			
1335	3/2 ⁺ ,5/2 ⁺	2	1829	3/2 ⁺ ,5/2 ⁺	2	

[†] From 1977Se15.

[‡] From L transfer value in 1977Se15.

From Adopted Levels.

@ From $\sigma(\theta)$ in 1977Se15.