

$^{205}\text{Tl}(e,e'p)$ 1987Qu01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	C. J. Chiara and F. G. Kondev		NDS 111,141 (2010)	1-Oct-2009

$J^\pi(\text{target})=1/2^+$.

1987Qu01: $E(e)=410$ MeV; spectra near the missing-momentum values of 15, 80, and 160 MeV/c were measured. FWHM=135 keV for the proton energy; coincidence efficiency of 99.6% 8 determined via $^1\text{H}(e,e'p)$ (1986Qu02).

 ^{204}Hg Levels

E(level)	J^π^\dagger	L^\dagger	S^\ddagger
0	0^+	0	0.32 3
1640 10	0^+	0	0.22 2
2370 20	$(0^+)^\#$	$(0)^\#$	0.08 1
2620 30	$(0^+)^\#$	$(0)^\#$	0.05 1

† From 1987Qu01 based on missing-momentum distributions.

‡ Spectroscopic factor for $3s_{1/2}$ from 1987Qu01. Only statistical uncertainties are given; a systematic uncertainty of 6% is not included.

$^\#$ Assignments made tentative by evaluators because missing-momentum distributions measured only near 15 MeV/c.