
 $^{208}\text{Pb}(\text{e},\text{e}'\text{p})$ [1994Bo39,1995Bo23](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev, S. Lalkovski		NDS 112, 707 (2011)	1-Aug-2010

[1994Bo39,1995Bo23](#): Accelerator: Amsterdam Pulse-Stercher facility; Beam: $\text{E}(\text{e}^-) = 487.3 \text{ MeV}$ 5. $\text{I}_\text{c} = 1.5 \mu\text{A}$; Target: 87.4 mg/cm^2 enriched to 99% in ^{208}Pb , double-foiled, water cooled; Detectors: high-resolution magnetic spectrometers, seven multiwire drift chambers, scintillator and Cherenkov detectors; Measured: p^+e^- coin., σ , p_m ; Deduced: J^π .

Also: NIM223(1984)1, NPA553(1993)845c, NIM220(1984)433.

Others: [1986Qu02](#), [1986QuZY](#).

 ^{207}Tl Levels

E(level) [†]	J^π [‡]	Comments
0	$1/2^+$	configuration: $\pi(3\text{s}_{1/2})^{-1}$.
350	$3/2^+$	configuration: $\pi(2\text{d}_{3/2})^{-1}$.
1350	$11/2^-$	configuration: $\pi(1\text{h}_{11/2})^{-1}$.
1680	$5/2^+$	configuration: $\pi(2\text{d}_{5/2})^{-1}$.
3470	$7/2^+$	configuration: $\pi(1\text{g}_{7/2})^{-1}$.

[†] From [1994Bo39](#).

[‡] From [1994Bo39](#), based on Distorted-Wave Impulse-Approximation calculations.