
 $^{208}\text{Pb}(^{17}\text{O},^{18}\text{F})$ [1987Fe04](#)

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

Beam: $E(^{17}\text{O})=376$ MeV. Target: self-supporting, enriched to 99.9% in ^{208}Pb . Detectors: HHRIF broad range spectrograph consisting of a vertical drift chamber and an ionization chamber; $\text{FWHM}\approx 250$ keV. Measured: $\sigma(\theta)$ in the range $7.4^\circ\leq\theta\leq 13.7^\circ$ and analyzed within DWBA. Deduced: J^π .

 ^{207}Tl Levels

<u>E(level)[†]</u>	<u>J^π[‡]</u>	<u>S[†]</u>	Comments
0	1/2 ⁺	1.90	
350	3/2 ⁺	3.26	
1520	11/2 ⁻ , 5/2 ⁺		E(level): Unresolved doublet including 1348.05-keV and 1682.48-keV states.

[†] From [1987Fe04](#).

[‡] From [1987Fe04](#), based on DWBA.