

$^{208}\text{Pb}(\alpha, \alpha' \text{p})$  [2004Hu04,2003Hu13](#)

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

[2004Hu04,2003Hu13](#): Facility: AGOR at KVI; Beam:  $E(\alpha)=200$  MeV; Target: 3.5 mg/cm<sup>2</sup> enriched to 97% in  $^{208}\text{Pb}$ ; Detectors: EuroSuperNova, Big-Bite Spectrometer, detector ball of Si(Li); Measured:  $E_p$ ,  $\sigma$ ,  $\sigma(\theta)$ .

 $^{207}\text{Tl}$  Levels

E(level) <sup>†</sup>	$J^\pi$ <sup>‡</sup>
0 <sup>#</sup>	1/2 <sup>+</sup>
351.06 <sup>#</sup> 5	3/2 <sup>+</sup>
1348.18 <sup>@</sup> 16	11/2 <sup>-</sup>
1682.58 <sup>@</sup> 19	5/2 <sup>+</sup>
3474 6	7/2 <sup>+</sup>

<sup>†</sup> From the Adopted Levels; FWHM=600 keV in [2004Hu04](#) and [2003Hu13](#).

<sup>‡</sup> From the Adopted Levels.

<sup>#</sup> Unresolved doublet in [2004Hu04](#) and [2003Hu13](#).

<sup>@</sup> Unresolved doublet in [2004Hu04](#) and [2003Hu13](#).