

$^{208}\text{Pb}(^{11}\text{B}, ^{12}\text{C})$  1974Fo22

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

Facility: Oak Ridge isochronous cyclotron; Beam:  $E(^{11}\text{B})=72$  MeV,  $I_c=200$  nA; Target:  $100 \mu\text{g}/\text{cm}^2$   $^{208}\text{Pb}$  evaporated on  $40 \mu\text{g}/\text{cm}^2$  carbon backing; Detectors: Elbek spectrograph, position-sensitive proportional chamber; Measured: E,  $\sigma(\theta)$  FWHM=185-250 keV.

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

E(level) <sup>†</sup>	$J^\pi$ <sup>‡</sup>	S <sup>#</sup>
0	$1/2^+$	2.1
350	$3/2^+$	3.2
1340	$11/2^-$	11.2
1674	$5/2^+$	4.4

<sup>†</sup> From 1974Fo22.

<sup>‡</sup> From 1974Fo22, based on DWBA.

<sup>#</sup> From 1974Fo22, based on  $S(^{12}\text{C}=^{11}\text{B}+p)=2.85$  (1967Co34).