

$^{208}\text{Pb}(\gamma, \text{p})$ 1995Bo28

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

1995Bo28: Facility: MAX-Lab at University of Lund; $E_\gamma = 41\text{-}48$ MeV and $51\text{-}57$ MeV with a FWHM=230 keV; $I_\gamma = 3.7 \times 10^6$ photons/s; Target: 24.5 mg/cm², self-supporting, enriched to 99% in ^{208}Pb . Detectors: two telescopes each consisting of two DSSD and a HPGe; Measured: $E(\text{p})$, σ , $\sigma(\theta, E_\gamma)$.

Also: From the same authors 1997As01, 1996As02.

 ^{207}Tl Levels

E(level) [†]	J^π [‡]
0 [#]	1/2 ⁺
350.06 [#] 5	3/2 ⁺
1348.18 [@] 16	11/2 ⁻
1682.58 [@] 19	5/2 ⁺
3474 6	7/2 ⁺

[†] From the Adopted Levels.

[‡] From the Adopted Levels. Angular distribution measurements are analyzed within Distorted-Wave Impulse Approximation (1996As02).

[#] Unresolved doublet in 1995Bo28.

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