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 $^{208}\text{Pb}(\gamma, n)$  [1981Bi13](#)

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

[1981Bi13](#): Beam:  $E(\gamma)=7\text{-}11.4$  MeV from  $\text{Cr}(n, \gamma)$ ,  $\text{Fe}(n, \gamma)$ ,  $\text{Ni}(n, \gamma)$  reactions; Target: 92 g enriched to 72.5% in  $^{208}\text{Pb}$ ;  
Detectors:  $^3\text{He}$  (FWHM=35 keV for  $E(n)=1$  MeV and 60 keV for  $E(n)=3$  MeV); Measured:  $E(n)$ ,  $\sigma(\theta)$ .  
Numerous resonances studied by [1974Me03](#) and [1995Be61](#), [1994BeZV](#), [1994BeZY](#).  
Others: [1983Ba04](#), [1976Mc05](#), [1974Me03](#), [1971Ba38](#), [1969Bo14](#).

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

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| $E(\text{level})^\dagger$ | $J^\pi^\ddagger$ |
|---------------------------|------------------|
| 0                         | $1/2^-$          |
| 570                       | $5/2^-$          |
| 898                       | $3/2^-$          |

<sup>†</sup> From [1981Bi13](#).

<sup>‡</sup> From the Adopted Levels.