

$^{206}\text{Pb}(\mu^-, 3n\gamma)$ 1969An26

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 105,1 (2005)	1-Mar-2005

Target: 8.1 g/cm² thick, 88.72% enriched in ^{206}Pb ; prompt and delayed γ -ray spectra; Detectors: Ge(Li).

 ^{203}Tl Levels

E(level) [†]	J π [‡]
0	1/2 ⁺
279.3 10	3/2 ⁺
1073.6?	7/2 ⁺

[†] From a least-squares fit to E_γ .

[‡] From Adopted Levels.

 $\gamma(^{203}\text{Tl})$

E_γ [†]	$E_i(\text{level})$	J π_i	E_f	J π_f
279.3	279.3	3/2 ⁺	0	1/2 ⁺
794.3 [‡]	1073.6?	7/2 ⁺	279.3	3/2 ⁺

[†] From figure 8 in 1969An26.

[‡] Placement of transition in the level scheme is uncertain.

 $^{206}\text{Pb}(\mu^-, 3n\gamma)$ 1969An26

Legend

Level Scheme- - - - - \blacktriangleright γ Decay (Uncertain)