

$^{206}\text{Pb}(n,n')$  1967Cr06

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 201,346 (2025)	21-Jan-2025

1967Cr06:  $^{206}\text{Pb}(n,n')$  reaction with  $E(n)=2-8$  MeV and with beam spread of 20 keV; Measured:  $n(\theta)$  and time-of-flight spectra.

Others: 1963Cr16 and 1966Cr03 by the same authors, 1972Be48 and 1972Be49 with  $E(n)=13.7$  MeV and  $\text{FWHM}\approx 300$  keV, and 1977Fe01 with  $E(n)=11.0$  MeV and  $\text{FWHM}=360$  keV.

 $^{206}\text{Pb}$  Levels

<u>E(level)<sup>†</sup></u>	<u>J<sup>π</sup><sup>†</sup></u>	<u>E(level)<sup>†</sup></u>	<u>J<sup>π</sup><sup>†</sup></u>	<u>E(level)<sup>†</sup></u>	<u>E(level)<sup>†</sup></u>
0	0 <sup>+</sup>	1682	4 <sup>+</sup>	2200	2940 <sup>‡</sup>
803	2 <sup>+</sup>	1710		2385	3017
1175	0 <sup>+</sup>	1762		2634	3125
1341	3 <sup>+</sup>	1998		2783	3200 <sup>‡</sup>
1462	2 <sup>+</sup>	2155		2820 <sup>‡</sup>	3250 <sup>‡</sup>

<sup>†</sup> Truncated values from Adopted Levels, as reported in 1967Cr06.

<sup>‡</sup> New levels from 1967Cr06.