

$^{205}\text{Pb}(\text{d},\text{d}') \quad 1978\text{Bj01}$

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 166, 1 (2020)	20-Apr-2020

1978Bj01: E(d)=14, 17 MeV; Target: ^{205}Pb , enriched up to 76%; Detectors: magnetic spectrograph with FWHM=11 keV at E(d)=17 MeV and 7 keV at E(d)=14 MeV; Measured: $\sigma(\text{E}(\text{d}),\theta)$ with uncertainty of $\approx 15\%$; Deduced: levels, L-transfer value.

 ^{205}Pb Levels

E(level) [†]	J ^π [‡]	L	Comments
0	5/2 ⁻		J ^π : From Adopted Levels.
262 5	3/2 ⁻	(2)	
577 5	3/2 ⁻	2	
704 5	7/2 ⁻	2	
763 5	5/2 ⁻	2	
≈803?	(1/2,3/2) ⁻		E(level),J ^π : Obscured by the 2 ⁺ state in ^{206}Pb . J ^π is from Adopted Levels.
988 5	9/2 ⁻	2	J ^π : From Adopted Levels.
2568 5	9/2 ⁺	3	
2597 5	(7/2 ⁺ ,9/2 ⁺)	(3) [#]	
2614 5	9/2 ⁺	(3) [#]	E(level): Probably the 2607.0 level seen in ^{205}Bi ε. J ^π : From Adopted Levels.
2638 5		(3)	
2656 5		3	
2667 5		3	
2686 5		3	
2702 5		(3) [#]	
2706 5		(3) [#]	
2711 5	9/2 ⁺	(3) [#]	
2745 5		3	
2799 5		3	

[†] From 1978Bj01.

[‡] From 1978Bj01, unless otherwise stated.

[#] Multiplet.