

$^{107}\text{Ag}(\text{n},\gamma)$ E=2,24 keV: av res **1985Ma54**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	ENSDF	1-Jul-2008

 ^{108}Ag Levels

E(level) [†]	J ^π [‡]	E(level) [†]	J ^π [‡]	E(level) [†]	J ^π [‡]	E(level) [†]	J ^π [‡]
0	1 ⁺	542.8	3 ⁻	719.4	1 ⁻ ,2 ⁻	1001.8	@
79.1	2 ⁻	563.8	0 ⁺ ,2 ⁺	765.5	0 ⁻ ,2 ⁻	1002.6	@
193.1	1 ⁺	579.1	0 ⁻ ,2 ⁻	803.7	0 ⁻ ,2 ⁻	1012.6	&
206.6	(1 ⁺) ^b	606.5	1 ⁻	819.1	0 ⁻ ,2 ⁻	1012.7	&
294.6	0 ⁺ ,2 ⁺	611.7	0 ⁻ ,2 ⁻	858.4	3 ⁻	1013.2	&
338.4	3 ⁻	616.9	0 ⁻ ,2 ⁻	880.7	0 ⁺ ,2 ⁺	1051.7	^a
379.2	1 ⁻	679.1	1 ⁻	899.9	1 ⁻	1079.8	0 ⁻ ,2 ⁻
465.6	0 ⁻ ,2 ⁻	705.7	#	942.3	3 ⁻	1106.7	0 ⁺ ,2 ⁺
508.5	2 ⁻	708.8	#	960.1	0 ⁻ ,2 ⁻	1112.1	1 ⁺
516.8	3 ⁻	715.8	1 ⁻ ,2 ⁻	974.3	1 ⁻ ,2 ⁻		

[†] Rounded-off values from Adopted Levels.

[‡] γ intensity data are used by the authors to restrict J^π assignments. No E_γ or I_γ data are explicitly given. Levels with $J^\pi=0^\pm, 1^\pm, 2^\pm$ and 3^- are expected to be populated. Absence of feeding suggests $J^\pi=3^+$ or ≥ 4 .

$J^\pi=1^-, 2^-, 3^-$ for 705.7+708.8.

@ $J^\pi=1^+, 2^-, 3^-$ for 1001.8+1002.6.

& $J^\pi=1^-, 2^-$ for E=1012.6+1012.7+1013.2.

^a av res capture feeds a doublet with one member having $J^\pi=1^+$ and the other $\pi=-$.

^b The adopted J^π is 2^+ .