Ag(μ^-,xnypγ) 1973Ev02

History

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

^{107}Ag,^{109}Ag(μ^-,xnypγ).
Natural target, Ge(Li) detector. Energy range covered was E(γ)=330 to 1480.

^{108}Pd Levels

E(level)	J$^\pi$[†]
0.0	0$^+$
434.0	2$^+$
931.2	2$^+$
1048.5	4$^+$

[†] Adopted values given.

γ(^{108}Pd)

E$_\gamma$	I$_\gamma$[†‡]	E$_i$(level)	J$_i^\pi$	E$_f$	J$_f^\pi$	Comments
433.96 *14*	20 *2*	434.0	2$^+$	0.0	0$^+$	
497.4 *2*	4.0 *11*	931.2	2$^+$	434.0	2$^+$	
614.7 *3*	5.5 *14*	1048.5	4$^+$	434.0	2$^+$	E$_\gamma$: authors note that this transition may also belong to ^{106}Pd.

[†] Per 100 muon captures. The quoted uncertainties do not include possible normalization errors due to uncertainties in the muonic x-ray cascade.
[‡] Absolute intensity per 100 decays.

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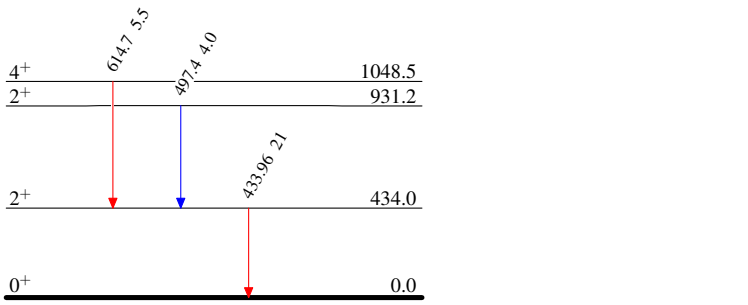
Level Scheme

Intensities: Per 100 muons captures.



$^{108}_{46}Pd_{62}$