^{106}Pd(p,p),(p,n) IAR 1974Gu17

History			
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 109, 1383 (2008)	1-Mar-2008

Others: 1966HaZZ, 1973Zv01.
E(p)(C.M.)=6.2-7.2 MeV; IAR parameters from analysis of proton elastic-scattering excit measured at angles θ=50°−165°.
Coulomb displacement energy=12.962 MeV *8*.

^{107}Ag Levels

E(level)†	L	Comments
12201 *8*	2	IAS, Γ=31 keV *3*, Γ(p)=2.8 keV *2*. Analog to ^{107}Pd 5/2$^+$ g.s..
12287 *7*	0	IAS, Γ=54 keV *2*, Γ(p)=21.0 keV *6*. Analog to ^{107}Pd 1/2$^+$, 115-keV state.
12595 *7*	2	IAS, Γ=50 keV *2*, Γ(p)=4.0 keV *3*. Analog to ^{107}Pd 3/2$^+$, 382-keV state.
12638 *8*	0	IAS, Γ=26 keV *9*, Γ(p)=1.6 keV *5*. Analog to ^{107}Pd 1/2$^+$, 412-keV state.
12692 *8*	2	IAS, Γ=32 keV *5*, Γ(p)=1.9 keV *3*. Analog to ^{107}Pd 3/2$^+$, 471-keV state.
12794 *9*	2	IAS, Γ=40 keV *9*, Γ(p)=1.0 keV *5*. Analog to ^{107}Pd 5/2$^+$, 567-keV state.

† From S(p)=5781 *7* (1977Wa08) + res E(p)(C.M.).