^{107}Ag(p,p),(p,n) IAR 1969Sh06

History

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

E(p)=5.9− 7.25 MeV; semi and ^{3}He detectors. θ=90°, 120°, 150°, 170°.
Others: 1969Sh06, 1967Ha02.

^{108}Cd Levels

E(level)‡	$T_{1/2}$†	L#	Comments
14270	33 keV	2	E(level): E(p)(c.m.)=6133, probable IAS of ^{108}Ag 79 level.
14533	45 keV		E(level): E(p)(c.m.)=6396, possible IAS of ^{108}Ag 338 level.
14565	56 keV	0	E(level): E(p)(c.m.)=6428, possible IAS of ^{108}Ag 379 level.
14645	29 keV	0	E(level): E(p)(c.m.)=6508.
14717	25 keV	2	E(level): E(p)(c.m.)=6580.
14737			E(level): E(p)(c.m.)=6600, possible IAS of ^{108}Ag 543 level.
14797	36 keV	0	E(level): E(p)(c.m.)=6660, possible IAS of ^{108}Ag 606 level.
14877	48 keV		E(level): E(p)(c.m.)=6740.
14897	38 keV		E(level): E(p)(c.m.)=6760, possible IAS of ^{108}Ag 708 level.
14962	21 keV		E(level): E(p)(c.m.)=6825.
15103	21 keV		E(level): E(p)(c.m.)=6966.

† Total decay width determined from (p,n) data.
‡ From (p,n). Energy is sum of S(p)=8137 *8* (1995Au04) and E(c.m.) for the resonance.
# From analysis of (p,p) excitation curves.