^{109}Ag(t,p) 1977An01

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 110, 1239 (2009)	1-Feb-2008

E(t)= 17 MeV.
$J^{\pi}(^{109}Ag)=1/2^{-}$.
Magnetic-spectrometer resolution=10− 15 keV FWHM.

^{111}Ag Levels

ΔE: Uncertainty assigned by evaluator based on author's statement that uncertainty range from about 2 kev for the low-lying states to about 10 kev at the upper end of the spectrum.
Yield enhancement factors proportional to differential cross-section ratio (exp/DWBA) determined. For results, see 1977An01.

E(level)	L‡	E(level)	L‡	E(level)	L‡	E(level)	L‡
0.0	0	1201 *5*	2	1719 *8*	0	2125 *10*	4
290#	2	1284 *5*		1752 *8*	2	2165 *10*	3
391#	2	1299 *5*		1819 *8*	2	2197 *10*	(4)
642#	2	1419 *5*	2	1862 *9*	2	2222 *10*	(4)
810 *2*	2	1448 *7*	(0)	1934 *9*	4	2258 *10*	5
846#	(4,5)	1545 *7*	(3)	1956 *9*	(3)	2282 *10*	4
987 *2*	2	1602 *7*		1984 *9*	3	2308 *10*	(4)
1024#	(4,5)	1630 *8*	2	2068 *10*	3		
1085 *5*	0	1679 *8*	2	2093 *10*	3		

† Uncertainty assigned by evaluator based on author's statement that uncertainty range from about 2 kev for the low-lying states to about 10 kev at the upper end of the spectrum.
‡ Based on angular distributions at ≤10 angles 10°−55° compared with DWBA calc.
# Calibration value taken from other sources.