

$^{107}\text{Ag}(\text{d,p})$ 1972Br52

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

1972Br52: E(d)= 20 MeV; semi detectors; FWHM= 20 keV.

1972DeZW: E(d)= 7.5 MeV.

$J^\pi(^{107}\text{Ag})=1/2^-$.

 ^{108}Ag Levels

g.s. not observed.

Data are from 1972Br52, except where noted otherwise.

E(level)	L	S [#]	E(level)	L	S [#]	E(level)	L	S [#]	E(level)
79 4	2	1.85	939 †			1494 4			2119 4
217 †			973 †			1542 4			2165 4
338 4	2	1.40	993 ‡ 4	0+2	0.01,0.55	1568 4	2	0.73	2201 4
378 4	0	0.95	1048 4	(2)	0.17	1605 4			2240 4
465 4	0	0.92	1084 4	(2)	0.17	1624 4			2261 4
518 ‡ 4	2+4	1.39,6.2	1109 4			1644 4			2289 4
543 4	2	0.56	1137 4			1711 4			2336 4
588 †			1170 4			1739 †			2362 4
607 4	0	1.15	1198 4	(0)	0.11	1762 †			2429 4
655 4	4	3.54	1229 4			1779 4			2499 4
676 4	0	0.50	1309 4			1823 4			2618 4
713 ‡ 4	2+4	1.06,2.01	1335 4			1888 4			2707 4
765 4	2	0.68	1352 4			1988 4			2728 4
804 4	2	0.53	1373 4			2005 4			2779 4
819 †			1394 †			2022 4			
856 4	2	0.32	1429 4			2083 4			
898 4	0	0.13	1468 4			2096 4			

† From 1972DeZW.

‡ Peak is broad and is analyzed as a doublet.

Values given are (2J+1)s. L=2 assumed to be d5/2 for g.s. and 378, d3/2 for higher levels; L=4 assumed to be g7/2.