

$^{107}\text{Ag}(\text{p,t})$ 1975De27

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. Lalkovski, J. Timar and Z. Elekes		NDS 161, 1 (2019)	1-Apr-2019

1975De27: Beam: $E(\text{p})=29.7 \pm 1 \text{ MeV}$; Target: $60 \mu\text{m}$ -thick ^{107}Ag enriched to 98.8% and vacuum deposited on carbon foil and reinforced with a thin layer of Fromvar; Detectors: QDDD spectrograph (FWHM=10 keV), one position-sensitive wire proportional counter, one plastic scintillator; Measured: $\sigma(\theta)$, E; Deduced: L from DWBA analysis, J^π ; Also from the same collaboration: 1975DeZY.

Others: 1975Ku14, 1972KuZL.

 ^{105}Ag Levels

$E(\text{level})^\dagger$	$J^\pi^\ddagger$	L [#]	$E(\text{level})^\dagger$	$J^\pi^\ddagger$	L [#]	$E(\text{level})^\dagger$	$J^\pi^\ddagger$	L [#]
0@	$1/2^-$	0	1828 5	$7/2^-, 9/2^-$	4	2359 5	$3/2^-, 5/2^-$	2
53@ 5			1843 5	$3/2^-, 5/2^-$	2	2370 5	$5/2^+, 7/2^+$	3
346 5	$3/2^-$	2	1875 5	$7/2^-, 9/2^-$	4	2409 5		3,4
432 5	$5/2^-$	2	1921 5		(6)	2429 5		(6)
876 5	$3/2^-$	2	1959 5	$1/2^-$	0	2445 5	$7/2^-, 9/2^-$	4
1022 5	$7/2^-$	4	2029 5	$7/2^-, 9/2^-$	4	2486 5	$7/2^-, 9/2^-$	4
1041 5	$3/2^-, 5/2^-$	2	2061 5	$3/2^-, 5/2^-$	2	2502 5		
1096 5	$9/2^+$		2086 5	$3/2^-, 5/2^-$	2	2521 5	$1/2^-$	0
1166 5	$9/2^-$	4	2111 5	$7/2^-, 9/2^-$	4	2551 5	$(5/2^-)$	2
1327 5		(6)	2127 5	$1/2^-$	0	2583 5	$7/2^-, 9/2^-$	4
1341 5			2146 5	$3/2^-, 5/2^-$	2	2602 5		
1440 5			2157 5			2613 5	$3/2^-, 5/2^-$	2
1541 5	$3/2^-, 5/2^-$	2	2197 5	$3/2^-, 5/2^-$	2	2636 5	$3/2^-, 5/2^-$	2
1643 5	$7/2^-, 9/2^-$	4	2220 5	$7/2^-, 9/2^-$	4	2654 5	$7/2^-, 9/2^-$	4
1669 5			2252 5		(4)	2675 5	$7/2^-, 9/2^-$	4
1687 5			2276 5	$5/2^+$	3	2728 5		
1706 5	$3/2^-, 5/2^-$	2	2313 5	$5/2^+, 7/2^+$	3	2820 5		
1757 5	$7/2^-, 9/2^-$	4	2334 5		(6)			

[†] From 1975De27. Possible systematic uncertainty of 2 keV not taken into account.

[‡] From Adopted Levels.

[#] From DWBA analysis in 1975De27.

@ Unresolved multiplet.