

¹⁸²W(d,t),(³He,α),¹⁸⁰W(d,p) 1972Ca01,1973K107

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. -c. Wu	NDS 106, 367 (2005)	31-Aug-2005

1972Ca01: ¹⁸²W(d,t), ¹⁸⁰W(d,p), E(d)=12.1 MeV; enriched targets; photographic plates, FWHM 8 keV for (d,t) and 12 keV for (d,p), σ(E,θ); L-assignments.

1973K107: ¹⁸²W(³He,α), E(³He)=20.3 MeV; FWHM 30 keV; L-assignments.

¹⁸¹W Levels

E(level) [†]	L [#]	E(level) [†]	L [#]	E(level) [†]	L [#]	E(level) [†]	L [#]
0	4	488 [‡]	3	≈777	≥5	≈1274	3
113 [‡]		≈527	≥5	807 [‡]	1,3	≈1318	≥5
250 [‡]	6 [@]	529 [‡]		937 6		≈1354	3
366 [‡]	3	560 [‡]	3	≈996		≈1369	3
385 [‡]	1	≈611		≈1012		≈1426	3
409 [‡]	3	642 6	3,≥5	≈1084	≥5	≈1502	
450 [‡]	(1)	662 [‡]	3	≈1124	6 [@]	≈1652	
458 5		≈715	3	≈1191	3	1864 5	0
476 [‡]	3	726 [‡]	1,3	≈1252	(3)		

[†] From 1972Ca01, unless otherwise indicated.

[‡] Listed by 1972Ca01, rounded values from ¹⁸¹Re ε decay (1971Da02).

[#] Assignments are from (d,p)+(d,t) of 1972Ca01, unless otherwise indicated.

[@] From (³He,α) data (1973K107).