^{82}**Se(t,p)**   **1988Mu02**

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	A. A. Sonzogni, M. Fadil, and B. Pfeiffer	NDS 110,2815 (2009)	30-Sep-2009

E=17 MeV. Enriched target. Magnetic spectrograph. FWHM=20 keV. θ=3.75° to 86.75°.
Other: E=15 MeV. Semi, FWHM=30-40 keV. (1974Kn02).

^{84}Se Levels

E(level)	L[†]	ε[‡]	E(level)	L[†]	ε[‡]	E(level)	L[†]	ε[‡]
0 5	0	1.39	4106 17	0	0.031	5373 9	[#]	
1445 15	(2)	0.006	4226 4	2	0.100	5437 9	5+(0)	0.59+0.071
1967 3	(0)	0.043	4307 7	(2)	0.024	5507 9	2	0.054
2097 11	(1)	0.04	4442 4	4(+0)	0.10+0.048	5601 9	3	0.12
2244 7	0	0.353	4602 6	2	0.027	5627 9	2	0.031
2654 4	0	0.532	4670 9	(2)	0.021	5725 14	[#]	
2716 10	(0)	0.031	4723 6	[#]		5815 12	2	0.042
2740 11	(0)	0.027	4813 5	(2)	0.013	5883 12	(3+1)	0.37+0.05
2984 6	2	0.254	4903 7	(2+0)	0.015+0.010	5922 9	4(+0)	0.038+0.055
3022 5	(2)	0.023	4981 9	1	0.39	6005 12	4(+0)	0.095+0.094
3544 6	2	0.030	5139 6	2	0.064	6329 21	2	0.080
3698 6	[#]		5185 6	2	0.040	6382 18	4	0.116
3934 8	2	0.009	5258 6	4	0.043			
3989 7	2	0.012	5295 9	2	0.109			

[†] From DWBA.
[‡] Enhancement factor defined by σ(exp)=230×ε×σ(DWBA). Uncertainty in absolute cross sections is 10%.
[#] Satisfactory fits can be obtained with L=4+0 or L=1+3.