

$^{76}\text{Se}(\text{d,t})$ 1973Sa39

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Alexandru Negret, Balraj Singh		NDS 114, 841 (2013)	30-Jun-2013

E=18,19 MeV. Enriched target(86.1%); measured $\sigma(\theta)$ at nine angles between 7.5° and 52.5° with a magnetic spectrograph; FWHM $\approx$ 10 keV; DWBA calculations using the code DWUCK.

 ^{75}Se Levels

E(level)	L [†]	(2J+1)S	Comments
0	2	0.19 2	
112 2	(4)	0.08 3	L: L=3 cannot be excluded.
133 [‡] 2	4	3.8 5	
287 [‡] 2	1	1.7 2	
427 2	3	1.4 1	
586 2	1	0.12 2	
611 2	0	0.019 7	
629 2	2	0.15 4	
664 2	3	0.33 4	
747 2	(1+4) [#]	0.005+0.13	
777 2	3	0.29 6	
859 2	1	0.08 1	
895 2	1	0.08 1	
963 2	1	0.47 4	
1004 2	2	0.11 2	
1021 2	1	0.05 1	
1048 2	3	0.16 5	
1074 2	3	0.21 4	
1145 2	2	0.006 2	
1161 2	(4)	0.02 1	
1183 2	(1+4) [#]	0.02+0.08	
1246 2	1	0.019 5	

[†] From comparison of $\sigma(\theta)$ with DWBA calculations.

[‡] Observed at ED=18 MeV.

[#] Unresolved doublet indicated from L=1+4.