

$^{76}\text{Ge}(\text{d,t})$ 1988BuZV

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

E=17 MeV. Measured $\sigma(\theta)$. FWHM=20 keV.

Other: (pol d,t) E=16 MeV: [1977BiZS](#).

 ^{75}Ge Levels

E(level)	L	S'	Comments
0	1	0.52	S': for J=1/2 ⁻ .
196.6 12	2+4	0.17+3.57	S': for J=5/2 and 9/2, respectively.
253.6 11	1		S': 0.15 for J=1/2.
317.0	3	1.28	S': for J=5/2.
456.4 18	(3,0+3)		S': 0.35 for J=5/2. For the doublet L=0+ ³ ·S=0.007 and 0.30 for J=1/2, 5/2, respectively.
574.8 24	1	1.55	S': for J=3/2.
671 3	(0+3,0+2)		S': 0.020 (J=1/2); for L=0+ ² ·S=0.015 (J=1/2) and 0.029 (J=5/2).
887 5	1	0.15	S': for J=1/2.
988 5	(1+4,1+3)		S': for L=1+ ⁴ ·S=0.010 (L=1), 0.37 (L=4). For L=1+ ³ ·S=0.007 (L=1), 0.25 (L=3). The authors do not give the specific J values used for the calculation of the above S values.
1140 5	1	0.066	E(level): mixed with ^{73}Ge (354 and 364). S': for J=3/2.
1252 6	(3,3+4)	0.59	S': for J=5/2.
1409 5	1	0.24	S': for J=3/2.
1509 7	1	0.44	S': for J=3/2.
1600 7	3	0.44	S': for J=5/2.
1696 9	(3,4)	(0.18,0.45)	S': J=5/2 for L=3 and J=9/2 for L=4.
1791 6	1	0.18	S': for J=3/2.