

¹²⁰Te(³He,d) **1978Sz04,1979Sz05**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. Ohya	NDS 111, 1619 (2010)	20-Jan-2009

E(³He)=36 MeV, enriched target 51.38%, Q3D magnetic spectrograph FWHM(D)=13 keV. $\theta=3^\circ-32^\circ$.

¹²¹I Levels

<u>E(level)[‡]</u>	<u>L[#]</u>	<u>C²S^{†#}</u>	<u>E(level)[‡]</u>	<u>L[#]</u>	<u>C²S^{†#}</u>	<u>E(level)[‡]</u>	<u>L[#]</u>	<u>C²S^{†#}</u>
0.0	2	0.30	1140 6	2	0.05	1885 8	0	0.08
96 4	0	0.12	1270 6	2	0.02	1919 8	2	0.03
133 4	4	0.54	1385 6	2	0.01	1957 8	2	0.02
176 4	2	0.07	1466 6	0	0.12	2039 8	2	0.01
812 4	5	0.51	1557 6	0	0.11	2080 8	0	0.09
931 4	2	0.24	1607 6	2	0.07	2350 8	2	0.02
959 4	0+2	0.20+0.16	1749 6	2+0	0.02+0.05	2375 8	2	0.01
1005 6	2	0.03	1775 6	2	0.03	2471 8	2	0.01
1035 6	2	0.03	1802 8	2	0.03	2762 8	0	0.03
1113 6	(2)	0.02	1852 8	2	0.02	2934 8		

[†] DWBA calculation assuming 3s_{1/2}, 2d_{3/2} (176 level) and 2d_{5/2}, 1g_{7/2}, 1h_{11/2} single particle orbit for L=0, 2, 4, 5 transfer, respectively.

[‡] From 1978Sz04.

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