^{122}Te(^{3}He,α)　　**1977Fe16**

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

E(^{3}He)=21 MeV, semi FWHM(α)=45 keV, θ=45°−100°;

^{121}Te Levels

E(level)	L	C^{2}S†	E(level)	L	C^{2}S†	E(level)
0.0	0	0.67	920 *20*	2	0.34	1620 *20*
210 *20*	2	1.24	970 *20*			1680 *20*
294‡	5	2.68	1150 *20*	(4)+(2)	1.0+0.6	1760 *20*
450 *20*	(4)+(2)	2.40+1.44	1250 *20*			1820 *20*
594‡	2	1.10	1320 *20*	(2)	0.21	2060 *20*
660 *20*			1360 *20*	(2)	0.22	
810 *20*			1520 *20*			

† DWBA calculation assuming 3s$_{1/2}$, 2d$_{3/2}$ (only for 212 level) and 2d$_{5/2}$, 1g$_{7/2}$, 1h$_{11/2}$ single particle orbits for L=0, 2, 4, 5 transfer, respectively.

‡ Peak used for self-calibration.