

$^{130}\text{Te}(\alpha,\alpha')$ **1967Le14**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 93, 33 (2001)	11-May-2001

1967Le14: (α,α') E=42 MeV. Measured $\sigma(\theta)$, FWHM=80-120 keV, DWBA analysis.

Others:

1990De37: (α,α) , (α,α') E=40 MeV. Measured $\sigma(\theta)$, DWBA and coupled-channel analysis.

1978Ba17, 1975Ba74: (α,α) E=8-23 MeV. Measured $\sigma(\theta)$, optical-model analysis.

^{130}Te Levels

E(level)	J^π	L	β_L	E(level)	L	β_L	E(level)
0.0	0^+			2280 50			3360 20
840 20		2	0.12	2450 [†] 50			3690? 50
1590 [†] 20		(4)		2730 20	3	0.06	3890? [†] 50
1970 20				2960 50			4350? [†] 50
2100 20				3180 20			4520? [†] 50

[†] Probable multiplet.