
 $^{166}\text{Er}(\text{p,t})$ [1972Ma37](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen [#]		NDS 147, 1 (2018)	30-Nov-2017

E=17.5 MEV. Enriched target. Tritons analyzed with a split-pole spectrograph. FWHM=12 KEV. Measured $\sigma(\theta)$. Absolute cross sections accurate to 20%.

Other: [1973Oo01](#), natural target, measured L=0 strengths.

 ^{164}Er Levels

E(level)	L	$d\sigma/d\Omega$ mb/sr (At 25°)
0	0	0.58
92 5	(2)	0.25
299 5	(4)	0.006
614 5		0.003
858 5	(2)	0.02
1248 5	0	0.04 [†]
1308 5	(2)	0.02
1420 5		0.02
1577 5		0.006
1708 5		0.01

[†] Peak is obscured at 25°, the cross section interpolated from nearby angles.