

$^{140}\text{Ce}(t,p)$ 1972Mu09

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	T. D. Johnson, D. Symochko(a), M. Fadil(b), and J. K. Tuli		NDS 112, 1949 (2011)	1-Jun-2010

E=15 MeV; FWHM=18 keV.

Measured: $\sigma(E,\theta)$, DWBA analysis.

 ^{142}Ce Levels

E(level)	L	$\sigma(\text{max})$ In mb/sr [†]	E(level)	$\sigma(\text{max})$ In mb/sr [†]
0.0	0	0.340	2701 5	0.092
642 3	2	0.600	2735 5	0.113
1220 4		0.431	2775 5	0.009
1652 3	3	0.162	2810 4	0.038
1742 3	(4,5)	0.133	2861 4	0.102
2005 3	2	0.240	2922 4	0.096
2043 3		0.040	2986 5	0.026
2114 4		0.045	2999 5	0.022
2125 3		0.155	3067 4	0.026
2188 3		0.050	3165 5	0.029
2279 3		0.046	3228 4	0.075
2367 3		0.025	3436 4	0.021
2542 3		0.044	3614 4	0.034
2604 4		0.102	3732 4	0.076

[†] Uncertainty 15%.