

$^{148}\text{Gd}(p,p')$ 1990De22

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 117, 1 (2014)	1-Oct-2013

E=24.7 MeV, FWHM=12 keV; measured $\sigma(E,\theta)$, DWBA analysis.
 For $\sigma(\text{exp})/\sigma(\text{calc})\approx\text{B(EL)}(\text{W.u.})$ see 1990De22.

 ^{148}Gd Levels

E(level)	L [†]	$d\sigma/d\Omega(30^\circ)(\text{mb/sr})^\ddagger$	E(level)	L [†]	$d\sigma/d\Omega(30^\circ)(\text{mb/sr})^\ddagger$
0.0			2507 4		0.05
785 1	2		2523 4	4	0.15
1273 1	3	4.42	2616 4	2	0.10
1416 1	4	0.61	2632 1	5	0.43
1811 2	6	0.07	2692 4		0.06
1863 3	2	0.28	2763 3	4	0.12
2082 2	5	0.09	2868 3		0.03
2189 3	2	0.58	2917 3	3	0.05
2234 3	3	0.55	2936 4	(7)	0.04
2308 5	2	0.09			

[†] From DWBA analysis.

[‡] Absolute cross section uncertainty \approx 20%.