

$^{160}\text{Gd}(\text{Cl}, \text{X}\gamma)$ **2002Li46**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, John Cameron and Balraj Singh		NDS 113, 1 (2012)	31-Dec-2011

$E(^{37}\text{Cl})=234$ MeV from VIVITRON at IReS, Strasbourg. Measured $E\gamma$, $I\gamma$, $\gamma\gamma$ using EUROBALL IV array. Identified a possible 6^+ state as predicted in *sdfp* shell-model calculations.

 ^{36}S Levels

$E(\text{level})$	J^π
0	0^+
3291	2^+
4193	3^-
5020	4^-
5205	5^-
6690	(6^+)

 $\gamma(^{36}\text{S})$

E_γ	I_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
185	95.5 22	5205	5^-	5020	4^-
827	101.7 33	5020	4^-	4193	3^-
902		4193	3^-	3291	2^+
1012	25.6 17	5205	5^-	4193	3^-
1485	23.1 19	6690	(6^+)	5205	5^-
3291		3291	2^+	0	0^+

