

$^3\text{H}(^{35}\text{Cl},\text{d}\gamma)$  1976Co11

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

$J^\pi(^{35}\text{Cl})=3/2^+$ .

1976Co11: E=55 MeV; measured d- $\gamma$  coincidences;  $T_{1/2}$  (RDM).

 $^{36}\text{Cl}$  Levels

E(level)	$T_{1/2}$	Comments
0.0		
788		
1165	9.0 ps 3	$T_{1/2}$ : mean lifetime $\tau$ In ps: 13 4.
1951		
2468		
2518		

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

$E_\gamma$	$E_i(\text{level})$	$E_f$
517	2468	1951
786	1951	1165
788	788	0.0
1165	1165	0.0
1730	2518	788
1951	1951	0.0

$^3\text{H}(^{35}\text{Cl},d\gamma)$  1976Co11Level Scheme