^{59}Co(e,e′) 1961Cr01

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia	NDS 151, 1 (2018)	1-Apr-2018

J^{π}(target)=7/2$^-$.
E(e)=183 MeV, θ(lab)=40°−90°; measured $\sigma(\theta)$ (1961Cr01).
For further analysis of data of 1961Cr01, see 1964On04.
Owing to limited resolution, the peaks observed probably include more than one level, making deduced B(EL) values unreliable (1961Cr01).

^{59}Co Levels

E(level)†	Mult	$\beta\lambda$‡	Comments
0.0			
1300	E2	0.031 *4*	B(E2)↑=0.081 *10*
2700	E4	0.012 *5*	B(E4)↑=0.0017 *7*
3950	E3	0.026 *5*	B(E3)↑=0.010 *2*

† From 1961Cr01; ΔE=100-200 keV.
‡ Fitting parameters of the Born approximation inelastic form factors for transitions of angular momentum change λ,