

$^{59}\text{Co}(\gamma, \text{xn})$ [1975Be60,1973AIYW](#)

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

$J^\pi(\text{target})=7/2^-$.

[1973AIYW](#): E_γ =threshold-36.5 MeV; nearly mono-energetic photons, ≈ 100 -keV resolution.

[1975Be60](#): $E(\text{res})$ and Γ deduced for GDR structures, based on Lorentzian fits to data of [1973AIYW](#).

Numerous bremsstrahlung studies of the GDR region exist, but those are not listed here.

 ^{59}Co Levels

<u>E(level)</u>	<u>J^π</u>	<u>Γ</u>	<u>Comments</u>
16370	+	2.56 MeV	J^π : component of GDR.
18900	+	7.61 MeV	J^π : component of GDR.