

⁵⁹Co(p, α) [1966Br05](#),[1963Ba33](#),[1967Br13](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Huo Junde, Huo Su, Yang Dong		NDS 112, 1513 (2011)	29-Oct-2009

$J^{\pi}(^{59}\text{Co})=7/2^{-}$.
[1966Br05](#): E=12 MeV, measured $E\alpha$.
[1963Ba33](#): E=22 MeV, measured $\sigma(E\alpha,\theta)$.
[1967Br13](#): E=12 MeV, measured $\sigma(E,E\alpha,\theta)$.
See also [1969Hu11](#).

⁵⁶Fe Levels

<u>E(level)[†]</u>	<u>L[‡]</u>	<u>E(level)[†]</u>	<u>E(level)[†]</u>	<u>E(level)[†]</u>
0	3	4557	5625	6440
842	1	4610	5676	6468
2078	1	4663	5700	6517
2654		4691	5744	6559
2941		4740	5784	6620
2955		4818	5824	6670
3122		4877	5871	6720
3375		4886	5916	6756
3391		5034	5942	6792
3450		5133	5986	6823
3603		5156	6018	6855
3756		5190	6042	6883
3833		5234	6066	6930
4051		5261	6094	6978
4100		5288	6131	7013
4120		5313	6196	7055
4297		5455	6234	7077
4397		5491	6273	7113
4460		5510	6319	7167
4513		5566	6367	7198
4542		5591	6395	7223

[†] From [1966Br05](#). $\Delta E=9\text{-}15$ keV.
[‡] Based on $\sigma(\theta)$ ([1963Ba33](#)).