

$^{59}\text{Co}(\text{d,t})$ 1971Ro08

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	C. D. Nesaraja and B. Singh	ENSDF	31-Oct-2015

$J^\pi(^{59}\text{Co target})=7/2^-$.

1971Ro08: E=15-16.5 MeV, FWHM \approx 8 keV. Measured: $\sigma(\text{E},\theta)$.

Other: 1960Ze02.

 ^{58}Co Levels

E(level)	J^π^\dagger	L	S^\ddagger
0.0	2 ⁺	1+3	0.19+(0.06)
25 3	5 ⁺	1+3	0.35+(0.44)
52 3	4 ⁺	1+3	0.19+(0.41)
112 3	3 ⁺	1+3	0.08+(0.21)
365 3	3 ⁺	1+3	0.44+(0.15)
375 3	5 ⁺	1+3	0.15+(0.05)
456 3	4 ⁺	1+3	0.74+(0.03)
888 3	3 ⁺ ,4 ⁺	1+(3)	0.05
1043 3	(3 ⁺ ,4 ⁺)	1+3	0.12+(0.02)
1078 3	6 ⁺	3	0.09

[†] Adopted values.

[‡] The values corresponding to L=3 are approximate.