

$^{59}\text{Co}(p,2p)$ 1967Ru03,1977Sh03

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Caroline D. Nesaraja, Scott D. Geraedts and Balraj Singh		NDS 111, 897 (2010)	12-Jan-2010

1967Ru03: E=156 MeV. A level At 4700 reported.

1977Sh03 (also 1977ShZQ,1972Fi23): E=17 MeV, measured $\sigma(\theta)$.

Others: 1969Ja12, 1966Ty01.

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

 ^{58}Fe Levels

E(level)	J^π	L	Comments
0	0 ⁺		
811	2 ⁺		
1670			
4.7×10^3	3 ⁻ ,4 ⁻	0	E(level),L: from 1967Ru03. $s_{1/2}$ transition (1967Ru03).
13.9×10^3	8	0	E(level),L: from 1966Ty01; FWHM=3.7 MeV.