

$^{96}\text{Zr(d,t)}$ 1963Co10

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. K. Basu, G. Mukherjee, A. A. Sonzogni		NDS 111, 2555 (2010)	30-Jun-2009

E=15 MeV. Measured $\sigma(\theta=47^\circ)$; magnetic spectrometer. FWHM \approx 75 to 100 keV. DWBA. See also (d,p).

 ^{95}Zr Levels

E(level)	J^π^\dagger	L^\dagger	S'	E(level)	J^π^\dagger	L^\dagger	S'	E(level)	J^π^\dagger	L^\dagger	S'
0.0	5/2 ⁺	2	5.75 [‡]	1920 [#]	3/2 ⁺	2	0.20	2770	7/2 ⁺	4	1.4 7
960	1/2 ⁺	0	0.18 9	2030	7/2 ⁺	4	0.41 21	2880	3/2 ⁺	2	0.134 40
1330	3/2 ⁺	2	0.039 12	2300	3/2 ⁻	(1)	0.16 9	3050 [#]	3/2 ⁺	2	0.076 23
1650	3/2 ⁺	2	0.084 26	2400	3/2 ⁺	2	0.127 38				
1750	3/2 ⁺	(2)	0.032	2670	3/2 ⁺	(2)	0.072 22				

[†] From (d,p) data of 1963Co10.

[‡] Normalization value from 1962Co06.

[#] Unresolved group of states.