

$^{96}\text{Zr}(^{12}\text{C},^{12}\text{C}')$ [1973Be13](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni		NDS 109, 2501 (2008)	1-Apr-2008

E=38 MeV, FWHM=200-400 keV; measured elastic and inelastic scattering; optical model and DWBA analysis.
 SPU=Single Particle Unit.

 ^{96}Zr Levels

E(level)	L^\dagger	S^\ddagger	Comments
0			
1800 50	2+3	0.189	E(level): unresolved doublet.

† Values used in DWBA.

‡ β_3 from DWBA if $B(E2)(\text{W.u.})=2(\text{SPU})$, $B(E3)(\text{W.u.})=17(\text{SPU})$ as deduced from (t,t') measurement of [1970FI03](#).