

⁹⁶Zr(¹⁶O,¹⁶O')

1973Be13

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

E=49 MeV and 60 MeV, FWHM=200-400 keV; measured elastic and inelastic scattering; optical model and DWBA analysis.
SPU=Single Particle Unit.

⁹⁶Zr Levels

E(level)	L [†]	S [‡]	Comments
0			
1800 50	2+3	0.186	E(level): unresolved doublet.

[†] Values used in DWBA.
[‡] β₃ from DWBA (60-MeV data) if B(E2)(W.u.)=2(SPU), B(E3)(W.u.)=17(SPU) as deduced from (t,t') measurement of 1970F103.