

$^{96}\text{Zr}(t,t')$ 1970F103

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

1970F103: E=20 MeV, FWHM \approx 35 keV; measured elastic and inelastic scattering; DWBA analysis.

1994So26: E=20 MeV; measured elastic and inelastic scattering; strong absorption model analysis.

All data are from 1970F103, unless indicated otherwise.

 ^{96}Zr Levels

E(level)	L	β_L^\dagger	Comments
0			
1740	2	0.060	$\beta_2=0.05$ (1994So26).
1890	3	0.165	$\beta_3=0.11$ (1994So26).
2210	(3)	0.029	
2440	(1)	0.016	
2630			
2840	3	0.021	
3070	5	0.046	
3130	4	0.054	
3200	2	0.022	
3500	5	0.035	
3550	5	0.024	
3630	(6)	0.020	
3680	(2,3)		
3740	4	0.021	
3760	2	0.017	
3930	5	0.035	
4040	(5)	0.028	
4120	(4)	0.023	
4160	5	0.021	
4310	(3)	0.019	
4390	4	0.019	
4470	5	0.020	
4520	(4)	0.017	
4580	4	0.016	
4750			
4780			
4810	3	0.017	
4860	4	0.016	

† From DWBA analysis. Uncertainty of the absolute cross sections: 10%.