

$^{92}\text{Zr}(t,t')$  1970F103

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 113, 2187 (2012)	15-Sep-2012

**1970F103:** E(t)=20 MeV; Si solid state detector telescope; FWHM=35 keV;  $\theta(\text{c.m.})\approx 20^\circ-70^\circ$ ;  $\geq 95\%$   $^{92}\text{Zr}$  target; DWBA analysis of  $\sigma(\theta)$ . For subsequent reanalysis of some of these data, see [1994So26](#).

For an analysis of the scattering data of [1970F103](#) including core polarization and exchange effects, see [1971Pa17](#) and [1974Gr38](#).

 $^{92}\text{Zr}$  Levels

E(level) <sup>†</sup>	L	$\beta_L$ <sup>#</sup>	Comments
0.0			
930	2	0.11	Other $\beta_L$ : 0.10 ( <a href="#">1994So26</a> ; independent analysis of data of <a href="#">1970F103</a> ).
1490	4		
1850	2		
2050			
2340	3	0.14	Other $\beta_L$ : 0.19 ( <a href="#">1994So26</a> ; independent analysis of data of <a href="#">1970F103</a> ).
2750? <sup>‡</sup>			
2850			
3040			
3140	4		
3240	(2)		
3320			
3440	(3,4)		
3620	(5)		

<sup>†</sup> From [1970F103](#). No uncertainties stated by authors.

<sup>‡</sup> State at this energy excited in (p,p') was ascribed by [1968Di05](#) to  $^{90}\text{Zr}$  target impurity.

<sup>#</sup>  $\beta_L$  values from [1970F103](#).