

$^{90}\text{Zr}(\text{pol } t,\alpha), (t,\alpha)$  1976F101,1979Wa20

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 114, 1 (2013)	20-Oct-2012

1976F101: (pol  $t,\alpha$ ) E=17 MeV. Measured  $\sigma(\theta)$ ,  $Ay(\theta)$ , DWBA, FWHM $\approx$ 60 keV.

1979Wa20: (t, $\alpha$ ) E=4.5, 4.75 MeV. Measured  $\sigma(\theta)$ .

 $^{89}\text{Y}$  Levels

E(level) <sup>†</sup>	J $\pi$ <sup>‡</sup>	S <sup>#</sup>	Comments
0	1/2 <sup>-</sup>	2.38	p <sub>1/2</sub> state.
909	9/2 <sup>+</sup>		g <sub>9/2</sub> state.
1507	3/2 <sup>-</sup>	1.06	p <sub>3/2</sub> state.
1745	5/2 <sup>-</sup>		f <sub>5/2</sub> state.

<sup>†</sup> From 1976F101 and 1979Wa20.

<sup>‡</sup> From  $Ay(\theta)$  and DWBA (1976F101).

<sup>#</sup> From 1976F101.