

$^{94}\text{Zr}(\text{p,t})$  1977NaZF,1971Ba43

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

See also 1971WaYV.

1971Ba43: E(p)=38 MeV, FWHM=25 keV,  $\theta(\text{c.m.})\approx 5^\circ-48^\circ$ . DWBA.

1977NaZF: E(p)=52 MeV. DWBA analysis of  $\sigma(\theta)$ .

1982Na06: E(p)=52 MeV. Analyzed  $\sigma(\theta)$  for gross structure in triton spectrum centered at 8.6 MeV excitation; deduced deep two-hole state.

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

<u>E(level)<sup>†</sup></u>	<u>L<sup>‡</sup></u>	<u>E(level)<sup>†</sup></u>	<u>L<sup>‡</sup></u>	<u>E(level)<sup>†</sup></u>	<u>L<sup>‡</sup></u>	<u>E(level)<sup>†</sup></u>	<u>L<sup>‡</sup></u>
0.0	0	2341 <i>10</i>	(3)	3990	(2)	5680	(4)
935 <i>10</i>	2	2386? <i>10</i>		4270	(5)	6240	(4)
1389 <i>10</i>	0	2485 <i>10</i>	(5)	4380	(4)		
1497 <i>10</i>	4	3410	(3)	5110	(4)		
1850 <i>10</i>	2	3820	(4)	5490	(0)		

<sup>†</sup> From 1971Ba43 for E<2500 keV; from 1977NaZF otherwise. 1977NaZF do not specify  $\Delta E$ .

<sup>‡</sup> From 1971Ba43 for E(level)<2500 keV; from 1977NaZF otherwise. Evaluator shows values from the latter as uncertain because authors give only  $J^\pi$  deduced from DWBA analysis; no fits or data are shown.