

${}^{94}\text{Zr}(\text{p},\alpha)$ [1975Pe02](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Coral M. Baglin	NDS 114, 1293 (2013)	1-Sep-2013

E(p)=22.8 MeV. Enriched target. Si(Li), FWHM=60 keV to 70 keV.

 ${}^{91}\text{Y}$ Levels

<u>E(level)</u>	<u>$J^{\pi\dagger}$</u>	<u>E(level)</u>	<u>$J^{\pi\dagger}$</u>	<u>E(level)</u>	<u>$J^{\pi\dagger}$</u>	<u>E(level)</u>	<u>$J^{\pi\dagger}$</u>
0	1/2 ⁻	1187	7/2 ⁻	1580		2530	(5/2 ⁻)
556		1305	5/2 ⁺	1980	5/2 ⁻	2780	(9/2 ⁺)
653	3/2 ⁻	1470	3/2 ⁻	2210	5/2 ⁻	2970	3/2 ⁻
926	5/2 ⁻	1550	(5/2 ⁻)	2430	3/2 ⁻	3100	(9/2 ⁻)

[†] From [1975Pe02](#); based on DWBA three-nucleon transfer calculations which are sensitive to J^{π} .