

$^{94}\text{Zr}(\text{p,p}')$ 1968Di05

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. Abriola(a), A. A. Sonzogni		NDS 107, 2423 (2006)	1-Jan-2006

 ^{94}Zr Levels

E=12.7 MeV. Enriched target. Surface-barrier solid-state detector, FWHM=40 keV measured proton angular distributions. $\theta=25^\circ$ to 165° .

Other: 1966St15.

E(level)	L^\dagger	β_L^\ddagger	E(level)	L^\dagger	β_L^\ddagger	E(level)	L^\dagger	β_L^\ddagger
0			2.36×10^3 2	2,4	0.05,0.06	3.39×10^3 3		
9.2×10^2 1	2	0.13	2.61×10^3 3	5		3.46×10^3 3		
1.30×10^3 1	0		2.85×10^3 ?			3.60×10^3 4		
1.47×10^3 1	4	0.065	2.89×10^3 ?			3.76×10^3 4		
1.66×10^3 2	2	0.065	2.94×10^3 ?			3.92×10^3 4	3,4	0.06,0.07
2.06×10^3 2	3	0.18	3.16×10^3 3	4	0.05	4.02×10^3 4		
2.16×10^3 2			3.24×10^3 3	5,6	0.07,0.075	4.18×10^3 4		
2.32×10^3 ?			3.35×10^3 3			4.25×10^3 4		

† From DWBA.

‡ Deformation parameter β_L from DWBA.