

$^{91}\text{Zr}(\text{pol p},\alpha)$  [1997Gu01](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan and A. A. Sonzogni		NDS 115, 135 (2014)	1-Nov-2013

E=22 MeV. Measured  $\sigma(\theta)$  using Q3D spectrometer and proportional counters (FWHM=12 keV); DWBA analysis. Author report only levels homologous to low-energy levels in  $^{87}\text{Y}$ .

Others: (p, $\alpha$ ): [1996Gu03](#), [1983Ga04](#).

 $^{88}\text{Y}$  Levels

E(level)	$J\pi^\dagger$	E(level)	$J\pi^\dagger$	E(level)	$J\pi^\dagger$	E(level)	$J\pi^\dagger$
2293 3	2 <sup>-</sup>	2787 3	1 <sup>-</sup>	3025 3		3145 3	
2444 3	3 <sup>-</sup>	2830 3	4 <sup>-</sup>	3052 3		3208 3	
2734 3	3 <sup>-</sup>	2944 3	2 <sup>-</sup>	3093 3	3 <sup>-</sup>		
2764 3	2 <sup>-</sup>	2997 3		3122 3	1 <sup>-</sup>		

<sup>†</sup> From [1997Gu01](#) based on  $\sigma(\theta)$ , analyzing powers, and comparison with DWBA calculations.