

$^{89}\text{Y}(\alpha, \text{p})$ 1986YuZX

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

$J^\pi(^{89}\text{Y})=1/2^-$.

$E\alpha=26.1$ MeV; $\theta(\text{lab})=7.5^\circ-140^\circ$. DWBA analysis of $\sigma(\theta)$ (full microscopic description of 3 nucleon transfer); reasonable agreement between experiment and theory for 0, 934, 1847 levels (see 1986SuZT for discussion of calculations).

 ^{92}Zr Levels

E(level)[†]

0
 934
 1383[‡]
 1495[‡]
 1847

[†] Rounded-off values from Adopted Levels.

[‡] 1383 and 1495 levels not resolved. $\sigma(\theta)$ was measured for 1382+1495 doublet but no DWBA analysis was performed.