

$^{89}\text{Y}(\gamma, \text{p})$ IAR [1980Va18](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Balraj Singh	NDS 114, 1 (2013)	20-Oct-2012

[1980Va18](#): E=13-24.6 MeV. Measured $\sigma(\theta)$, deduced IAR of ^{89}Sr and giant-dipole resonances. FWHM=450 keV for proton spectra. [Additional information 1](#).

 ^{89}Y Levels

<u>E(level)[†]</u>	<u>J^{π‡}</u>	<u>Comments</u>
14.0×10 ³	3/2 ⁺	
15.8×10 ³	1/2 ⁺	
16.8×10 ³	(1/2 ⁺)	
17×10 ³		E(level): giant-dipole resonance.
17.4×10 ³		
21×10 ³		E(level): possibly a giant-dipole resonance.

[†] IAR of ^{89}Sr levels. Other structures are reported at 18700-19300, 20200, 21400 and possibly at 22300 ([1980Va18](#)). S(p)=7077.2 25 ([2011AuZZ](#)).

[‡] IAR of ^{89}Sr (see Adopted Levels for ^{89}Sr and ^{89}Y).