

Ti(μ^- ,xn γ) 1973Ev02

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	S. -c. Wu	NDS 91, 1 (2000)	15-Jul-2000

Ge(Li) detector; measured E_γ , I_γ .

^{46}Sc Levels

<u>E(level)</u>	<u>J^π[†]</u>
0.0	4 ⁺
142.5	1 ⁻
227.8	3 ⁺
289.5	2 ⁻
444.1	2 ⁺

[†] From Adopted Levels.

$\gamma(^{46}\text{Sc})$

<u>E_γ</u>	<u>I_γ[†]</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
146.86 11	2.1 6	289.5	2 ⁻	142.5	1 ⁻
216.56 10	2.1 7	444.1	2 ⁺	227.8	3 ⁺
227.95 6	6.0 7	227.8	3 ⁺	0.0	4 ⁺

[†] Photons per 100 muon captures.

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Level Scheme

Intensities: I_γ per 100 muon captures.

Legend

- $\longrightarrow$ $I_\gamma < 2\% \times I_\gamma^{max}$
- $\longrightarrow$ $I_\gamma < 10\% \times I_\gamma^{max}$
- $\longrightarrow$ $I_\gamma > 10\% \times I_\gamma^{max}$

