

<sup>42</sup>Ca(μ<sup>-</sup>,νnγ)    2006Me08

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	C. D. Nesaraja, E. A. Mccutchan		NDS 133, 1 (2016)	30-Sep-2015

μ<sup>-</sup> beam obtained from decay of π<sup>-</sup> beam at 90 MeV/c. Measured Eγ, Iγ, γγ using two HPGe detectors.

<sup>41</sup>K Levels

<u>E(level)<sup>†</sup></u>	<u>J<sup>π</sup><sup>†</sup></u>
0.0	3/2 <sup>+</sup>
980.5	1/2 <sup>+</sup>
1293.6	7/2 <sup>-</sup>

<sup>†</sup> From the Adopted Levels.

γ(<sup>41</sup>K)

<u>E<sub>γ</sub></u>	<u>I<sub>γ</sub><sup>†</sup></u>	<u>E<sub>i</sub>(level)</u>	<u>J<sub>i</sub><sup>π</sup></u>	<u>E<sub>f</sub></u>	<u>J<sub>f</sub><sup>π</sup></u>	Comments
980.5	0.14 7	980.5	1/2 <sup>+</sup>	0.0	3/2 <sup>+</sup>	
1293.6		1293.6	7/2 <sup>-</sup>	0.0	3/2 <sup>+</sup>	I <sub>γ</sub> : intensity not listed by 2006Me08, peak is overlapped by other transitions.

<sup>†</sup> Percent γ-ray yield.

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Level Scheme

Intensities: Type not specified

