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 $^{40}\text{Ar}(^{13}\text{C}, ^{15}\text{O})$  **1989Dr03**

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<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jun Chen	NDS 152, 1 (2018)	30-Sep-2017

**1989Dr03:** E=96 MeV  $^{13}\text{C}$  beam was produced from the Australian National University 14UD pelletron accelerator. Target was natural  $^{40}\text{Ar}$  gas. Reaction products were momentum-analyzed with an Engel split-pole spectrometer. Measured  $\sigma$ . Deduced levels.  $\theta=10^\circ$ ; mainly states in  $^{15}\text{O}$  excited in this reaction.

 $^{38}\text{S}$  Levels

<u>E(level)</u>	<u><math>J^\pi</math><sup>†</sup></u>
0	$0^+$
1270	$2^+$

<sup>†</sup> From Adopted Levels.