

$^{54}\text{Fe}(\text{p},^6\text{He}), ^{40}\text{Ca}(^{12}\text{C},\text{t})$  1975Mu09,1970Ce03

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	T. W. Burrows <sup>a</sup>	NDS 109, 1879 (2008)	14-Jul-2008

1970Ce03: E( $^{12}\text{C}$ )=27.5 MeV. Measured  $\sigma(\theta=7^\circ-40^\circ)$ ; Si. Also observed groups corresponding to the g.s. and a state At $\approx$ 270.

1975Mo09: E(p)=46.4 MeV. Measured  $\sigma(\theta=8.0^\circ-10.6^\circ)$ ; mag spect,  $\alpha(\text{P})$ , scin. Deduced mass excesses.

 $^{49}\text{Mn}$  Levels

<u>E(level)</u>	<u>J<math>\pi</math><sup>†</sup></u>	<u>Comments</u>
0.0	(5/2 <sup>-</sup> )	weakly excited relative to 263 state.
263 7	(7/2 <sup>-</sup> )	E(level): from difference in tabulated mass excesses for this state and g.s. (evaluator). $\Delta E$ estimated by the evaluator.

<sup>†</sup> From comparison to mirror states in  $^{49}\text{Cr}$ .