

<sup>40</sup>Ca(<sup>3</sup>He,<sup>8</sup>Li)

1976Be08

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen, John Cameron and Balraj Singh		NDS 112,2715 (2011)	20-Oct-2011

1976Be08: E=75.8, 73.7 MeV <sup>3</sup>He beam produced from the Michigan State University cyclotron. Targets: 370 and 190 μg/cm<sup>2</sup> enriched <sup>40</sup>Ca on a 20 μg/cm<sup>2</sup> natural carbon backing. <sup>8</sup>Li detected on the focal plane of the Enge split-pole spectrograph. Measured cross section. Deduced mass excess (−11.17 2 MeV), levels.

<sup>35</sup>K Levels

E(level) <sup>†</sup>
0
1560 40
2690 50

<sup>†</sup> From 1976Be08.