^{40}Ca(^{14}C,^{16}O) 1980Dr09

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

1980Dr09: E=51 MeV ^{14}C beam was produced from the Los Alamos Van de Graaff accelerator. Target was natural calcium on a carbon backing. Reaction products were momentum-analyzed with a Q3D magnetic spectrometer and detected with a position-sensitive ionization chamber. Measured σ(E(^{16}O),θ). DWBA analysis.

^{38}Ar Levels

E(level)	dσ/dΩ(10°) (mb/sr)[†]
0	0.3
2170	0.4
3380	0.04

[†] Estimated (by evaluator) from figure 1 of 1980Dr09.