^{100}Mo(^{14}C,^{16}O),(^{6}Li,^{8}B) 1982Ma30,1982Ti01

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen, Balraj Singh	NDS 164, 1 (2020)	15-Feb-2020

1982Ma30: (^{14}C,^{16}O) E=71 MeV from the Munich MP tandem. Measured $\sigma(\theta)$ with a Q3D magnetic spectrograph (FWHM=100-200 KeV), DWBA calculations.

1982Ti01: (^{6}Li,^{8}B) E=90 MeV from the Indiana University cyclotron. Measured σ at 8°(lab) with a QDDM magnetic spectrograph (FWHM=360 KeV), DWBA calculations.

^{98}Zr Levels

E(level)	J^{π} †	dσ/dΩ(μb/sr) ‡	Comments
0	0^+	31 *3*	$\sigma(8°)$=1.6 μb/sr 2 (1982Ti01).
854	0^+	54 *5*	$\sigma(8°)$=3.4 μb/sr 5 (1982Ti01).
1223	2^+	7.8 *20*	

† From Adopted Levels.

‡ From 1982Ma30.