
 $^{96}\text{Mo}(^{18}\text{O}, ^{16}\text{O})$ [1972Ch03](#)

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

[1972Ch03](#): E=55, 60, 70, 77 MeV at Brookhaven tandem Van de Graaff generator. Enriched target with 240 $\mu\text{g}/\text{cm}^2$ thickness.

Particles were detected using surface barrier Si detectors. Measured $\sigma(\theta)$. Deduced absolute σ . Comparison with theoretical calculations using Dar formalism. Discussed reaction mechanism.

[1972Ba79](#): theoretical analysis using DWBA calculations.

 ^{98}Mo Levels

E(level) [†]	J π [†]	Comments
0	0 ⁺	$d\sigma/d\Omega=320 \mu\text{b}/\text{sr}$ 100 (1972Ch03).
788	2 ⁺	$d\sigma/d\Omega=180 \mu\text{b}/\text{sr}$ 80 (1972Ch03).

[†] From the Adopted Levels.