

$^{17}\text{O}(\alpha, ^3\text{He})$ 1992Ya08

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Tilley, Weller, Cheves, Chasteler		NP A595, 1 (1995)	31-Oct-1994

Projectile: α , E=64.3 MeV. Target: 51.2% enriched ^{17}O gas at 0.5 atm.

 ^{18}O Levels

<u>E(level)[†]</u>	<u>J^π[‡]</u>	<u>$\sigma(\text{int})$[@]</u>
0.0	0 ⁺	0.22 MB
1982	2 ⁺	0.22 MB
3555	4 ⁺	1.59 MB
5378	3 ⁺	0.12 MB
7117	4 ⁺	0.09 MB
7864	5 ⁻	0.14 MB
8125	5 ⁻	0.06 MB
11060	(6 ⁻)	0.18 MB
14100	(6 ⁻) [#]	0.02 MB
14300	(6 ⁻) [#]	0.01 MB

[†] Level energies from [1987Aj02](#).

[‡] J^π values from [1987Aj02](#).

[#] Assignment from [1990Ma06](#).

[@] Integrated cross section.