
 $^{28}\text{Si}(^{18}\text{O},^{15}\text{O})$ [1979Me12](#)

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jun Chen and Balraj Singh		NDS 184, 29 (2022)	24-Jun-2022

[1979Me12](#): E=56 MeV ^{18}O beam from super FN tandem Van de Graaff of Saclay. Quadropole-Dipole-Dipole-Dipole magnetic spectrometer and proportional counters and ionization chambers for particle identification through energy loss information. Natural ^{28}Si targets. Measured triton energy and angular distribution, DWBA analysis.

 ^{31}Si Levels

<u>E(level)</u>	<u>$J^{\pi\dagger}$</u>
0	$3/2^+$
750	$1/2^+$
1700	$5/2^+$
3130	$7/2^-$
3530	$3/2^-$

\dagger As given in [1979Me12](#), assumed for DWBA analysis.