^{16}O(p,pt)

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. E. Purcell	NDS 198,1 (2024)	1-Aug-2024

1975Gr40: ^{16}O(p,pt) E=75 MeV; deduced reaction mechanism.
1977Gr04: ^{16}O(p,pt) E=75 MeV; deduced levels. Spectroscopic factors from Table VI S(0,3.51)=1.64, 2.57, respectively.
1982Sa24: ^{16}O(p,pt) E=101.3 MeV, ^{16}O(α,αt) E=139.2 MeV deduced L, S.
1983Ka37: ^{16}O(p,pt) E=670 MeV; calculated knockout reaction cross sections.
1983Go10: ^{16}O(p,pt); calculated reaction form factors.

^{13}N Levels

E(level)†	J$^{\pi}$†	S†
0	1/2^{-}	1.64
2360		
3.51×10^{3}	3/2^{-}	2.57

† From DWIA analysis of spectroscopic factors in (1975Gr40,1977Gr04).