$^{18}O(\pi^-,\gamma)$ 1982Gm02

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	R. Spitzer, J. H. Kelley	ENSDF	30-Jun-2021

1978St27: Population of $^{18}N_{g.s.}$ and a state at ≈7 MeV are reported in measurements using the SIN (Schweizerisches Inst. fuer Nuklearforschung) pion spectrometer. See also Alder et al., AIP Conference Proceedings 33, 628 (1976). Other related work is published in (1979St08).

1982Gm02: The SIN spectrometer data are further analyzed and show evidence for states up to 10.1 MeV. The ground and E_x=6.9 MeV states are most strongly populated.

^{18}N Levels

E(level)
0
1.3×10^3 *2*
2.9×10^3 *2*
6.9×10^3 *2*
8.5×10^3 *2*
10.1×10^3 *2*