

$^{34}\text{S}(^{18}\text{O},^{17}\text{F})$ 1988Or01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen, John Cameron and Balraj Singh		NDS 112,2715 (2011)	20-Oct-2011

1988Or01: E=108 MeV $^{18}\text{O}^{7+}$ beam produced from the ANU 14 UD Pelletron accelerator on enriched Ag_2S targets. Reaction products analyzed by an Enge split-pole spectrometer at angle of 8 degree and measured by a multi-element gas-filled detector, FWHM=250 keV. Measured $\sigma(E(^{17}\text{F}))$. Deduced ground state mass excess (-24.87 4 MeV), levels.

 ^{35}P Levels

E(level) [†]
0
2420 40
5070 40
5890 70
6440 60
7050 60
7440 60
7920 60
8.60×10^3 10
9290 50

[†] From 1988Or01.