¹⁸⁶Os(t,p) 1979Ci05

History

Type Author Citation Literature Cutoff Date
Full Evaluation F. G. Kondev, S. Juutinen, D. J. Hartley NDS 150, 1 (2018)

1-Feb-2018

E=17 MeV. Natural target. Q3D spectrograph with a helical-cathode proportional counter. Cross sections measured at 25° , 30° , 50° (angles which show maxima for L=0). Deduced 2-neutron transfer strength. Results were interpreted in terms of IBA model using O(6) limiting symmetry.

¹⁸⁸Os Levels

E(level) J^{π} Comments 0 0+ Two-neutron strength=1.10 10 (relative to 1.0 for ¹⁹⁴Os g.s.), as defined in 1979Ci05.