

NEUTRINO ASTRONOMY WITH MACRO

L.Perrone(1) for the MACRO Collaboration

(1) University and INFN of Lecce

High energy neutrinos from astrophysical sources can be detected as upward-going muons produced in charged-current interactions with the matter surrounding the detector. We present the results of a search for either a diffuse astrophysical neutrino flux or a point-like sources of neutrinos in the sample of 1300 upward-going muons gathered by MACRO. We find no evidence for either type of signal.