



Contribution ID : 1200

Type : **Poster**

MINOS atmospheric neutrino contained events

Monday, 9 July 2007 14:45 (0:00)

Abstract content

The Main Injector Neutrino Oscillation Search (MINOS) experiment has continued to collect atmospheric neutrino events while doing a precision measurement of NuMI beam ν_μ disappearance oscillations. The 5.4 kton iron calorimeter is magnetized to provide the unique capability of discriminating between ν_μ and ν_μ -bar interactions on an event-by-event basis and has been collecting atmospheric neutrino data since July 2003. An analysis of the neutrino events with interaction vertices contained inside the detector will be presented.

If this papers is presented for a collaboration, please specify the collaboration

MINOS

Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivo, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 5 (HE part 2), pages 1327-1330

Primary author(s) : Prof. HABIG, Alec (University of Minnesota Duluth)

Presenter(s) : Prof. HABIG, Alec (University of Minnesota Duluth)

Session Classification : Posters 3 + Coffee

Track Classification : HE.2.2