Contribution ID : **827** Type : **Poster**

Thermal neutrons in EAS: a new method of EAS study

Friday, 6 July 2007 14:45 (0:00)

Abstract content

It is shown that recording of thermal neutrons accompanying the EAS with specific scintillator detectors for thermal neutron detection gives a new and very interesting additional information. Results of CORSIKA based Monte Carlo simulations as well as preliminary experimental data are presented. A new method to study Extensive Air Showers is proposed.

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

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 1041-1044

Primary author(s) : Dr. STENKIN, Yuri (Institute for Nuclear Research of RAS)

Co-author(s) : Dr. DZHAPPUEV, Dakhir (Institute for Nuclear Research of RAS); Mr. KUDZHAEV, Alexander (Institute for Nuclear Research of RAS); Mrs. MIKHAILOVA, Olga (Institute for Nuclear Research of RAS)

Presenter(s) : Dr. STENKIN, Yuri (Institute for Nuclear Research of RAS)

Session Classification : Posters 2 + Coffee

Track Classification : HE.1.5