30th International Cosmic Ray Conference



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Thermal neutrons in EAS: a new method of EAS study

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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

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