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Cherenkov Radiation from the Three-Dimensional Cascade Shower for electron neutrino

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Abstract content

Following the terminology adopted by Supe-Kamiokande, Fully Contained Events are observed in the electron-neutrino which result in the cascade shower for high energy neutrino astrophysics project, such as NT200, AMANDA etc., while muon-neutrino event re observed as Partially Contained Events. Fully Contained Events are essentially only source by which we could extract the reliable information. In our paper, we give the space-time structure for the Cherenkov radiation from the electron cascade showers.

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 1385-1388

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