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The analysis of Upward Through Going Muon Events and Upward Stopping Muon Events by the Computer Simulation

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Abstract content

Compared with the analysis of Fully Contained Events and Partially Contained Events occurring inside the detector in Superkamiokande for the investigation of the neutrino oscillation, the analysis of the Upward Stopping Muon Events and Upward Through Going Muon Events occurring the outside detector is much easier, although the quality of the experimental data is inferior to the former. We analyze neutrino events occurring outside the detector by the computer simulation. As the results of it, we find that the experimental data of the events concerned are rather agree with the null oscillation.

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'Olive, 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 1291-1294

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