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HiRes Limits on the Tau Neutrino Flux at the Highest Energies

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Abstract content

Data from the High Resolution Fly's Eye detector that measures cosmic rays with the fluorescence technique is used to set limits on the flux of tau neutrinos in the energy range from 10^{17} to 10^{21} eV. This energy range is particularly interesting as we expect a guaranteed flux of cosmogenic neutrinos from the GZK mechanism.

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

HiRes

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 1465-1468

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