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Study for EAS hadronic component with hadrons energy > 50 GeV

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Abstract content

EAS hadron number spectrum has been measured at EAS array "Carpet-2" for hadrons with energy > 50 GeV. The spectrum can be described by a power law and exhibits a change in the integral spectral index from 1.8 to 3.1 at the number of hadrons equal to 30. The ratio of the number of muons with threshold energy 1 GeV to the number of hadrons has also been measured.

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

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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. 4 (HE part 1), pages 19-22

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