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Preliminary results of the Moon shadow using the ARGO-YBJ experiment

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Abstract content

ARGO-YBJ is a “full coverage” air shower detector consisting of a carpet of Resistive Plate Chambers, located at Yangbajing (4300m a.s.l.). Using the data collected by the central detector (5800m² area) the cosmic ray shadowing effect due to the Moon is studied. The comparison of experimental results with Montecarlo simulations is also discussed.

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

for the ARGO-YBJ 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. 4 (HE part 1), pages 107-110

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