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Analysis of the Arrival Time of Successive Air Showers by using Erlang Distribution

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Abstract content

We analyze arrival time of air shower using Hirosaki AS Arrays. This array consists of 5 scintillation detectors with GPS antenna for arrival times. We use Erlang Distribution. The number of air showers observed within short time windows is analyzed by using arrival time difference of k-events serial air showers. We report the results of the analysis.

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. 4 (HE part 1), pages 59-62

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