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Variations of Angular Distribution of Cosmic Rays during GLE Period on January 20, 2005.

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Abstract content

The variations of anisotropy of primary spectrum of cosmic rays (CR) during the period of CR intensity increasing on January 20, 2005, have been obtained using the method of spectrographic global survey according to the data of ground-based observations of CR at the world-wide network of stations. It is shown that in the flare main phase, there was observed a CR strong anisotropy and the particle flux to the south of the Sun. At a later time, the anisotropy direction has periodically changed from north-southern to the opposite.

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. 1 (SH), pages 197-200

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