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Ground Level Enhancement of December 13, 2006 by the Ground Measurement Data

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Abstract content

On the basis of neutron monitor world network data the GLE event of December 13, 2006 is studied. Taking into account the initial differential spectrum of galactic cosmic rays, viewing cones of the detectors, integral multiplicity of secondary neutrons at various latitudes and observation levels the GLE spectrum is estimated. It is noted that at the Yakutsk station this event has also been registered with the ionization chamber ASK-1.

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 233-236

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