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Cosmic ray Daily variation on Anomalous day

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The Characteristics of the daily variation of cosmic ray intensity on different types of Anomalous days has been studied by using data of Neutron Monitors. It is observed that Cosmic ray intensity remains statistically low during the period of 1996-1998 on both Beijing and Moscow Neutron monitor station. These data is subjected to Harmonic Analysis Fourier techniques for an tire period of consideration that is 1996-2006. The amplitude and phase of diurnal and semi diurnal anisotropies on these stations particularly on Anomalous days have been discussed. The occurrence of these events is dominated during solar activity minimum years. The number of days of occurrence is more anti correlated with solar cycle.

Collaboration

- not specified -

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