



Contribution ID : 860

Type : **Poster**

Study of diurnal anisotropy with interplanetary magnetic field

Abstract content

This paper examines the relationship between diurnal variations of cosmic ray intensity with average value of interplanetary magnetic field B , for the period 1989 to 2005. The effect on the annual average values of diurnal amplitude and phase with B have been investigated and it has been observed that the diurnal phase shifted to earlier hours in during the descending phase of the solar cycle 23. The small changes in the diurnal amplitude and phase of cosmic ray intensity associated with moderate values of B . Further, the geomagnetic field is more affected by the interplanetary magnetic field than that of solar wind speed.

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

Summary

Reference

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Session Classification : Posters 3 + Coffee

Track Classification : SH.3.4