ANNUAL VARIATION OF HELIOTAIL-IN ANISOTROPY

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One of the Authors reported that the cosmic ray sidereal daily variation in the energy region less than 10TeV was due to two kinds of anisotropy. One is the galactic anisotropy from the direction of the right ascension 0 hour. The other is discovered directional excess flux(called tail-in anisotropy) from the direction 6 hour and observed only in the energy region less than 10 TeV. It is suggested that the excess flux is solar origin and the direction toward it seems to coincide with the expected heliotail-in direction.

In this paper, it is shown as one more evidence of the directional flux is larger at the winter solstics when the Earth is closet to the magnetotail and amaller at the remote side of the tail-in anisotropy.