

Measurements of the anisotropy of light nuclei using WCDA data

Sunday, 26 November 2023 14:50 (5 minutes)

In recent years, the hardening of Cosmic Rays spectra above a few hundred GV and softening around 10TV received much attention. These features of observation may provide insights into the potential origins of nearby sources. Measurements of the anisotropy of light nuclei will provide compelling evidence supporting the existence of nearby sources. In this work, PINCness is used to identify light nuclei and heavy nuclei. We have obtained preliminary results of the anisotropy of light nuclei by using two years data of WCDA from around 1 TeV up to hundreds of TeV.

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Session Classification: Poster