

The measurement of the dipole anisotropy of protons and helium cosmic rays with the PAMELA experiment

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In the framework of the PAMELA experiment the features of the large-scale anisotropy has been measured within the energy range 1-20 TeV/n. The measurements was carried out with the use of the calorimeter on the base of the hypothesis about the existence of the dipole anisotropy. The amplitude and phase of the dipole were obtained. The results are in agreement with the ground-based observations.

On behalf of PAMELA collaboration

Presentation type

Section talk (10+5 min)

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