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The results of electron and positron anisotropy study with PAMELA calorimeter

Tuesday, 16 April 2019 17:00 (2 hours)

The work is dedicated to study of the anisotropy of the combined fluxes of high-energy cosmic ray electrons and positrons in the PAMELA satellite experiment using a PAMELA calorimeter. As a result of analysis of data, collected by the nearly decade measurements, the upper limits for the dipole anisotropy of the total fluxes of electrons and positrons were established for the two energy ranges: 25-100 GeV and 100 GeV - 1 TeV.

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