

Anisotropy of Elementary Particles with the Alpha Magnetic Spectrometer on the ISS

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Analysis of anisotropy of galactic positrons, electrons and protons has been performed with the Alpha Magnetic Spectrometer on the International Space Station. This measurement allows to differentiate between point-like and diffuse sources of cosmic rays for the understanding of the origin of high energy positrons or the hardening in the proton flux. The AMS results of the dipole anisotropy of elementary particles are presented along with the discussion of the implications of these measurements.

Collaboration you are representing

AMS

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