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Antiproton Flux and Properties of Elementary Particle Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the ISS

Friday, 8 July 2022 15:30 (20 minutes)

The fluxes and flux ratios of charged elementary particles in cosmic rays are presented in the absolute rigidity range from 1 up to 2000 GV. In the absolute rigidity range ~60 to ~500 GV, the antiproton and positron fluxes are found to have nearly identical rigidity dependence. In this presentation particular emphasis is made on new observations of the properties of elementary particles in the rigidity range above 500 GV.

In-person participation

No

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