

AMS 电子的起源

Wednesday 8 May 2024 14:40 (20 minutes)

The electron flux measured by the Alpha Magnetic Spectrometer exhibits complex energy dependence. In the entire energy range the electron and positron spectra have distinctly different magnitudes and energy dependences. At high energies, AMS data show that the electron spectrum can be best described by the sum of two power law components and a positron source term. This is the first indication of the existence of identical charge symmetric source term both in the positron and in the electron spectra and, as a consequence, the existence of new physics.

Collaboration (if any)

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Session Classification: 02 - 暗物质直接/间接探测实验

Track Classification: 02 - 暗物质实验: 02-1 - 暗物质直接/间接探测实验