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Evaluation of the Antiproton Flux from the Antineutrino Electron Scattering

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Recent experiments in high enegry cosmic ray physics, PAMELA and AMS-02, excite new interest to the mechanisms of generation of galactic antiparticles. In spite of the fact that global picture coincides with the predictions of the standard theory, there are some black spots stimulating scientists to involve into research a particularly new physics like dark matter. In the present work, we make an attempt to estimate the impact of standard neutrino processes into the total flux of secondary antiprotons detected by contemporary experiments.

Presentation type

Section talk (10+5 min)

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