

Study of galactic cosmic rays with the DAMPE space mission

DAMPE (Dark Matter Particle Explorer) is a satellite-born experiment smoothly taking data since its launch in december 2015. The detector features (good resolutions, large geometric factor, etc.) allow measuring the energy spectra of galactic cosmic rays (electrons/positrons , protons and single nuclear species) up to hundreds of TeV (few TeV in case of electrons/positrons). A first direct evidence of a cutoff of the all-electron spectrum was evidenced at about 1 TeV, while new features on proton and He nuclei spectra were detected at few tens of TeV. A review of the lastest mission results will be given.

Primary author: DE MITRI, Ivan (Gran Sasso Science Institute (GSSI) and INFN)

Presenter: DE MITRI, Ivan (Gran Sasso Science Institute (GSSI) and INFN)

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