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The origin and propagation of high energy CR electrons in the view of anticipated results from GLAST/LAT

Abstract content

We review models for the origin of high energy cosmic-ray (CR) electrons. We consider nearby supernova remnants and pulsars, with burst-like and/or continuous injection, the contribution from distant homogeneously distributed sources, and production by CR interactions in the interstellar medium. The Large Area Telescope (LAT) will be capable of determining the electromagnetic spectrum with high precision and statistics in the energy range from 20 GeV to ˜ 1 TeV. We discuss how this data will enable us to better understand the origin and propagation of CR electrons.

If this papers is presented for a collaboration, please specify the collaboration

GLAST

Summary

Reference

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