

Abstract Submitted  
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**Cosmic, galactic, and geomagnetic fields sharply limit electron cosmic ray energies** FRANKLIN FELBER, Starmark, Inc — Classical Lienard radiation in the cosmic microwave background limits the energy of cosmic ray electrons and positrons (CREs) detected at Earth to about 1 PeV. Galactic magnetic fields deplete the flux of high-energy CREs anisotropically from the direction of the Milky Way center. A method is presented for adjusting the CRE spectrum above a few TeV to account for the geomagnetic field.

Franklin Felber  
Starmark, Inc

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