



Cosmic rays and magnetic fields constrained by synchrotron and gamma rays

We combine synchrotron and gamma-ray data to put constraints on Galactic cosmic ray electrons and magnetic fields, using GALPROP

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Abstract. By combining synchrotron and gamma-ray data we can put better constraints on Galactic cosmic ray electrons and magnetic fields than possible when considering these data separately. The GALPROP code includes 3D magnetic field models, and these can be used to make self-consistent predictions of the synchrotron and gamma-ray sky. We present the current state of this study.





















