

Anisotropies in the gamma-ray sky from galactic dark matter annihilation

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High-energy photons from dark matter annihilation in dark matter halos and subhalos may contribute to the diffuse gamma-ray background. We study here the features of the angular power spectrum of the signal expected from dark matter annihilation in galactic halos and subhalos. We evaluate the anisotropy signal obtained from various galactic-sized cosmological simulations and discuss the relevant phenomenological consequences.

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