

Abstract Submitted
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The TeV Gamma-Ray Sky Observed by Milagro BRENDA DINGUS, Los Alamos National Laboratory, MILAGRO COLLABORATION — Milagro has performed the deepest survey of the Northern Hemisphere TeV gamma-ray sky. The observatory is sensitive to gamma rays from below 1 TeV to greater than 100 TeV. The analysis technique weights events by the ratio of the probability that the detected event is due to a gamma ray or a background hadronic cosmic ray. The hadronic cosmic ray background produces penetrating particles in the extensive air showers that are less prevalent in the gamma ray initiated showers. Two different sets of weights were selected to search for gamma-ray sources with spectra extending to the highest energies and to search for gamma-ray sources in which spectra cut off at a few TeV. In this talk we will present the location and flux of the sources detected for each of these two spectral assumptions. Most of the strongly detected Milagro sources are coincident with high luminosity pulsars detected at lower energies by the Fermi satellite.

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