

Comparisons of astrometric GeV and TeV observations

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While gamma-ray instruments have notoriously poorer imaging quality than most instruments used at lower energies, dedicated techniques have been developed to push the angular resolution to the limits. Many SNR and plerions have been spatially resolved in the VHE band with the HESS array. We will present matching studies with LAT data, compare the astrometric and morphological results in adjacent and overlapping energy bands and will discuss astrophysical conclusions in the light of consistency and systematics for several SNR and PWN. We conclude that astrometric constraints allow us to constrain radiation mechanisms.

Track

SNR/PWNe

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