

A SEARCH FOR TEV GAMMA-RAY EMISSION FROM SELECTED AGN USING MILAGRO

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The Milagro gamma-ray observatory, located near Los Alamos, NM, employs a novel water Cherenkov technique to continuously monitor the northern sky for astrophysical gamma-ray emission near 1 TeV. Milagro's high duty-cycle (~95%) and wide aperture (~2 sr) allows for the detection of flaring behavior associated with TeV AGN, even during daytime transits. Results will be presented from a search of the Milagro 2000-2001 data set for TeV emission from selected AGN, including the bright flare of Mrk421 in January 2001.