

TeV Observations of Mrk 501 with the Milagrito Water Cherenkov Detector

J.A. Goodman (UMd), for the Milagro Collaboration

The Milagrito water Cherenkov detector near Los Alamos, New Mexico, operated as a sky monitor at energies of a few TeV between February 1997 and May 1998 including the period of the strong, long-lasting 1997 flare of Mrk 501. Milagrito served as a test run for the full Milagro detector. In agreement with other measurements, an event excess with a significance of 3.7σ from Mrk 501 was observed.