

Observations of TeV Gamma Ray from the Galactic Plane

Xu Chunxian, Zhang Yong, He Huilin, He Huihai Chen Yongzhong Jiang Yinlin
Laboratory of Cosmic Ray and High Energy Astrophysics,
Institute of High Energy Physics, the Academy of Sciences, Beijing 100039

We present here the result of observation of TeV gamma ray emission from the galactic plane at a galactic longitude of 79.39° with the Atmospheric Cherenkov Telescopes (ACT2 and ACT3) between Oct., 1995 and Nov., 1998. Assuming observed data obey Gauss distribution, a formula of the maximum likelihood ratio was derived. Using the new formula, we found no evidence for TeV gamma ray emission from the galactic plane within statistic error.