

Observations of TeV gamma ray from the galactic plane

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Abstract. 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 χ^2 was derived. Using the new formula, we found no evidence for TeV gamma ray emission from the galactic plane within statistic error.