

SEARCH RESULTS FOR VERY HIGH ENERGY EMISSION OF NEARBY BL LACS BY THE CAT TELESCOPE

A. Djannati-Ataï and CAT collaboration

PCC/Collège de France.

`djannati@cdf.in2p3.fr`

Only two BL Lac objects have so far been firmly established as VHE emitting blazars in the Northern hemisphere: Mkn 501 and Mkn 421. From 1996 to 2000, more than 200 hours of observations have been dedicated to search for VHE emitting BL Lacs, using the CAT Cherenkov telescope in the French Pyrenees. We report on search results for a sample composed mainly of High-Energy-Peaked BL Lacs (HBLs) at low redshifts, focusing on few sources including 1ES1426+42.8, and 1ES2344+51.4.