

Gamma-ray observations of W44 and its surroundings

We present the results of 9 years observations of Fermi-LAT in the direction of the supernova remnant W44 and its surrounding medium. The results improved the spectrum both at low and at high energy allowing to discard the leptonic scenario. Observations of the surrounding gas unveil two extended sources at the edge of the remnants which are not associated with high gas density and therefore are interpreted as regions of enhanced CR density.