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A method to calculate the extragalactic Gamma ray background of Virgo cluster

Abstract content

A study and review is made of the extragalactic gamma ray energy spectrum, diffused over the energy range of 30 MeV to 10 GeV, on the basis that the galactic clusters could be strong sources of diffuse gamma rays. The used data in this approach are from EGRET instrument on the Compton Gamma Ray Observatory. Comparing the results to the present Models, and other measurements shows the existence of a halo of gamma ray around the Virgo cluster, which is in a good agreement with the expected results.

If this paper is presented for a collaboration, please specify the collaboration

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Summary

Reference

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