

GRB and HAWC

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Abstract content

Summary

In contemporary astrophysics, Gamma Ray Bursts (GRBs) are considered the most powerful events in the universe. These objects have been studied for energetic bands from keV up to MeV with various instruments. One of them, EGRET in Compton Gamma Ray Observatory, detected GRBs with photons of a few GeV. Currently, Fermi Observatory has detected some GRBs with GeV energetic photons. Nonetheless, the very high energy band for GRBs is almost unknown. In this presentation, we will explore HAWK possibilities to detect very high energy photons ($>100\text{GeV}$) for GRBs.

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