

Les sursauts gamma avec Fermi, Swift et X-Shooter : situation et perspectives



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The standard analysis of data from the Large Area Telescope (LAT) is based on the full reconstruction and classification of events. The resulting spectra are yet restricted to energies greater than 100 MeV.

Using a loosened event selection allows to recover the photon statistics between 30 MeV and 100 MeV, and increases our sensitivity to Gamma-Ray Bursts and other transient sources. This talk will present the performances of this method for detection and spectral analysis.