

Hardness Ratio and Galactic Latitude in Gamma-Ray Bursts

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Galactic distributions of Gamma-Ray Bursts from the BATSE catalog show a faint excess at low latitudes for harder events and the opposite, that is a faint excess at high latitudes, for softer bursts.// The fact that bursts at low galactic latitudes are detected at locations having a "local background" of x-ray sources is probably the cause of the difference between the two distributions.