

Fermi Observations of 0235+164

Executive Summary:

- Starting on Aug 13 (i.e. a few days after the start of science operations), 0235+164 has been consistently detected by Fermi in daily (and sometimes shorter) time scales.
- Due to Fermi's uniform all-sky coverage, the source has been observed continuously.
- Average flux is $\sim 0.7 \times 10^{-6}$ ph cm $^{-2}$ s $^{-1}$, peak flux is $\sim 1.4 \times 10^{-6}$ ph cm $^{-2}$ s $^{-1}$ (up to Oct 18).
- EGRET's average flux was $\sim 0.3 \times 10^{-6}$ ph cm $^{-2}$ s $^{-1}$ and peak flux was 0.6×10^{-6} ph cm $^{-2}$ s $^{-1}$
- The source spectral shape is consistently hard (index ~ -2) and stable (within statistical errors)



