

A search for Centaurus A-like features in the spectra of Fermi-LAT-detected radio galaxies

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Motivated by the detection of a hardening in the γ -ray spectrum from the core of the radio galaxy Centaurus A, this work focuses on the findings of Fermi-LAT observations of radio galaxies to search for similar spectral features. This includes discussion of a number of radio galaxy γ -ray spectral energy distributions to uncover any common characteristics amongst the Fermi-LAT-detected radio galaxies and results from flux variability studies of the Fermi-LAT detected radio galaxies. Finally, ongoing studies and how the Fermi-LAT results provide a glimpse of what radio galaxies we might expect to see with future ground-based IACTs will also be presented.

Track

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