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The Blazar 3C66A in 2003-2004: hadronic versus leptonic model fits

Abstract content

The low-frequency peaked BL Lac object (LBL) 3C66A was subject of an extensive multi-wavelength campaign from July 2003 till April 2004, which includes quasi-simultaneous observations at optical, X-rays and very high energy (VHE) gamma-rays. Here we apply the hadronic Synchrotron-Proton Blazar model to the observed spectral energy distribution at various activity states, and compare the resulting model fits to those obtained through application of the leptonic Synchrotron-Self-Compton model. The results are used to identify diagnostic key predictions of the two blazar models for future multi-wavelength observations.

If this papers is presented for a collaboration, please specify the collaboration

Summary

Reference

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