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Multi-wavelength study of the flaring activity in BL Lacertae during its 2024 outburst

BL Lacertae is a well-known high-energy BL Lac object that has exhibited several epochs of very high energy (VHE) gamma-ray flaring events. On October 5, 2024 (MJD 60588), BL Lacertae underwent prominent flaring activity, which was detected by instruments covering a wide energy range from optical to TeV gamma rays. In this work, we aim to study the spectrum and variability of BL Lacertae based on the quasi-simultaneous multi-wavelength data.

Collaboration(s)

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