

Spectral analysis of S5 1803+784 BL Lacs Blazar

Tuesday 13 April 2021 07:51 (3 minutes)

Phenomenological spectral analysis of S5 1803+784 was done in both the high state and the low state using leptonic jet models. The jet energetic and spectral properties using single zone synchrotron-self Compton (SSC) and SSC with external photons (SSC+EC) jet models are presented. S5 1803+784 is a low synchrotron peak (LSP) blazar with the characteristics weak emission lines ($EW < 5\text{\AA}$). Data obtained from NED and Fermi-LAT was used for the analysis and the spectral energy distribution (SED) of the best-fit model is used to constraint the emission process of the blazar.

Author: OMOJOLA, Joseph

Presenter: OMOJOLA, Joseph

Session Classification: AGN-1

Track Classification: AGN