

Gamma-ray bursts with prompt optical emission

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We present the Konus-Wind data on gamma-ray bursts (GRBs) with prompt optical emission and compare them with the optical data. A comparison of the gamma and optical light curves and spectra allows us to constrain the different models for the prompt optical emission and study the physics of GRBs in general. Along with the famous historical GRBs 990123, 041219a, and 050820a, we examine the recent brilliant GRB 080319B which had unprecedentedly bright and intrinsically luminous prompt optical emission.