

Abstract Submitted
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GRB970228: a prototype for a new GRB class MARIA GRAZIA BERNARDINI, CARLO LUCIANO BIANCO, LETIZIA CAITO, MARIA GIOVANNA DAINOTTI, ROBERTO GUIDA, REMO RUFFINI, ICRANet and Dipartimento di Fisica - Università di Roma “La Sapienza” — GRB970228 has been analyzed within our theoretical framework as a prototype for a new class of GRBs, characterized by “hybrid” properties between short and long GRBs. Detailed theoretical computation of the GRB970228 light curves in selected energy bands as well as of the instantaneous and time-integrated spectra are presented and compared with observational BeppoSAX data.

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