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The Amati relation and the atypical case of GRB980425

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ICRANet and Dipartimento di Fisica - Università di Roma “La Sapienza” — The
existence of the phenomenological Amati relation is discussed within our theoretical
GRB model. In this framework we perform a reanalysis of GRB980425, the only
clear long GRB which does not follow such relation. Possible reasons for its peculiar
behavior are discussed.

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