

Properties of Konus-*Wind* SGR bursts

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Magnetars are enigmatic objects, which are defined as highly magnetized isolated neutron stars. They reveal themselves as soft gamma repeaters (SGRs) and anomalous x-ray pulsars (AXPs), which are, fundamentally, the same type of object. From its launch in 1994, Konus-*Wind* (KW) has detected several hundred bursts from 6 SGRs.

We present results of systematic temporal and spectral analysis of KW observational data on short and intermediate SGR bursts. We conclude that the burst 20-200 keV energy spectra are equally well described by both power law with an exponential cutoff (CPL), and double black-body (2BB) functions. We also discuss energetics and durations of the bursts, distributions of spectral parameters and correlations between them.

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