An INTEGRAL Look at Giant Outbursts in Be/X-ray Binaries

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Abstract

Be/X-ray binaries (BeXRBs) are systems hosting a Be star and a neutron star. BeXRBs often exhibit outbursts. During their outbursts, these sources can become some of the brightest objects in the X-ray sky for days to weeks. During its nearly 23 years of science operations, INTEGRAL observed outbursts from numerous BeXRBs. Thus we present a systematic study of the temporal and spectral evolution of these events using all of INTEGRAL's instruments.

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