Be X-ray Binaries and their outbursts – what have we learned in the era of INTEGRAL?

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Abstract

The sometimes very bright outbursts of Be X-ray Binaries have been interesting targets for INTEGRAL since the early times of the mission, making good use of the long observations possible and the wide energy range covered by INTEGRAL – including its Optical Monitor Camera. In this contribution we give an overview of what we have learned during the lifetime of the INTEGRAL mission about these systems and their outbursts, based on INTEGRAL observations but also observations with other instruments from radio to high-energy gamma-rays as well as theoretical studies.

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