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# Observations of LSI+61303 with Swift

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## Abstract content

The TeV emitting high-mass X-ray binary system LSI+61303 was observed with the Swift satellite from early September 2006 to early January 2007. Many of these observations were contemporaneous with TeV observations. The data consist of observations on 24 separate days with durations ranging between 700s and 4700s, and cover 4.5 orbital periods of the binary system. We present here a temporal and spectral analysis of the 0.3 to 10keV X-ray data from the XRT instrument, as well as contemporaneous optical data from UVOT. Implications for the models of high energy emission from this system are discussed.

## If this papers is presented for a collaboration, please specify the collaboration

## Summary

## Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivo, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 2 (OG part 1), pages 571-574

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