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Long-term TeV Observations of the Gamma-ray Binary HESS J0632+057 with VERITAS

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HESS J0632+057 is a X-ray binary, previously observed over six years with the Imaging Air Cherenkov Telescopes H.E.S.S., MAGIC, and VERITAS. New data taken in the last three years with the VERITAS observatory as part of its long-term observing plan are presented here. They cover the entire period of about 315 days including the enhancements at the phases of about 0.35 and, for the first time detected with VERITAS, around 0.75. The results are discussed along with simultaneous observations with the X-ray satellite Swift.

Collaboration

VERITAS

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152

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