

A close correspondence between the low X-ray variability and jet ejections

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Accretion states and their relationship with the formation of relativistic jets have long been studied to understand the dynamics of jet-launching events. One focus of such studies has been attempting to confirm the causal connection between changes in the accretion flow and the launching of transient ejecta. While suggestions have been made that particular timing signatures (i.e. Type-B QPOs) correspond to the moment of jet launching, we still do not have definitive evidence for this connection. Our sample study indicates that the drop in X-ray variability can be a more reliable signature of jet launching.

Author: ZHANG, Zuobin

Co-author: Prof. FENDER, Rob (University of Oxford)

Presenter: ZHANG, Zuobin

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