







Study of accretion of matter onto the black hole transient GRS 1716-249

Tiziana Bassi

Supervisors: M. Del Santo, J. Malzac

Intrnée des Thèses – 16 May 0018

Black Hole Binaries





Spectral States



Spectral States



Spectral States



GRS 1716-249 Outburst: 2016 December – 2017 October



GRS 1716-249 Outburst: 2016 December – 2017 October



GRS 1716-249 Outburst: 2016 December – 2017 October



Hard states of BHT are typically associated to a *compact* jet. GRS 1716.249 follow steeper correlation $L_R \propto L^{1.4}_{\chi}$ the Negative spectral index $(S_v \propto V^{\alpha})$ α

Prospectives



Thank You!!!

Q -9