



Neil Gehrels Swift Observatory

Studies of

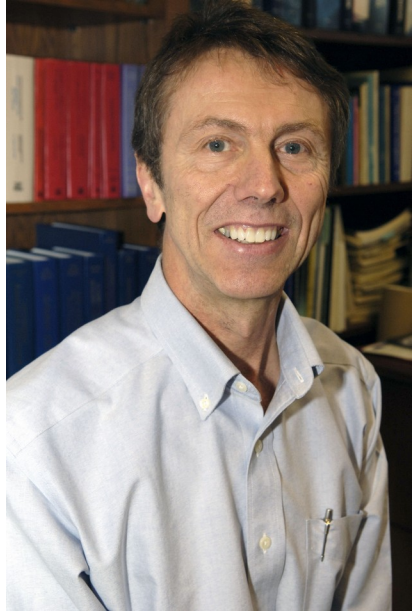
Novae in Outburst

Kim Page

(On behalf of the *Swift* Nova-CV Group)

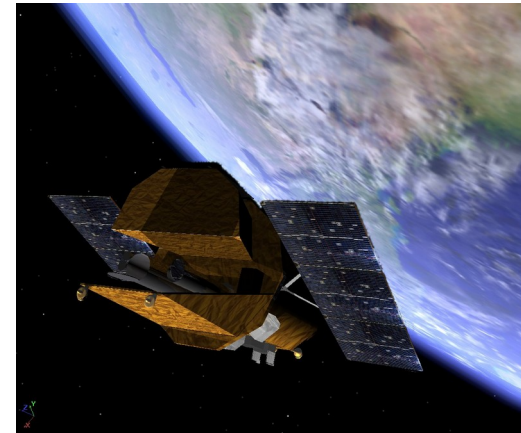


# Neil Gehrels and the Swift Mission

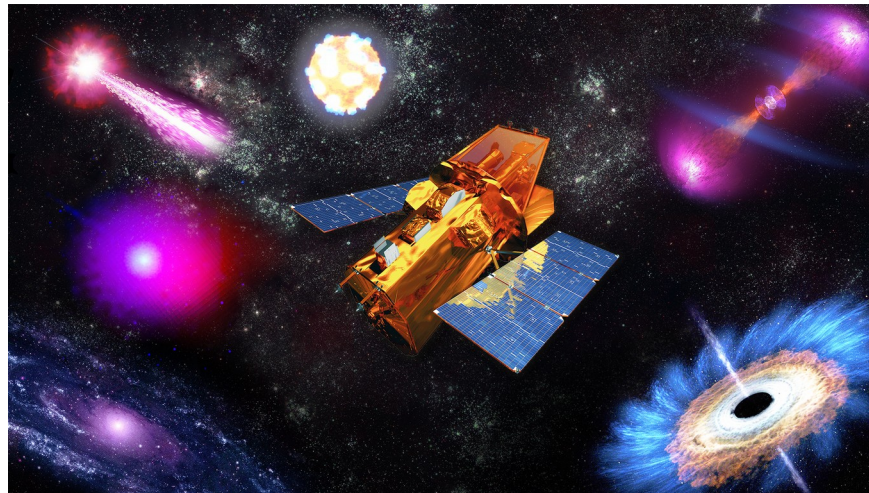


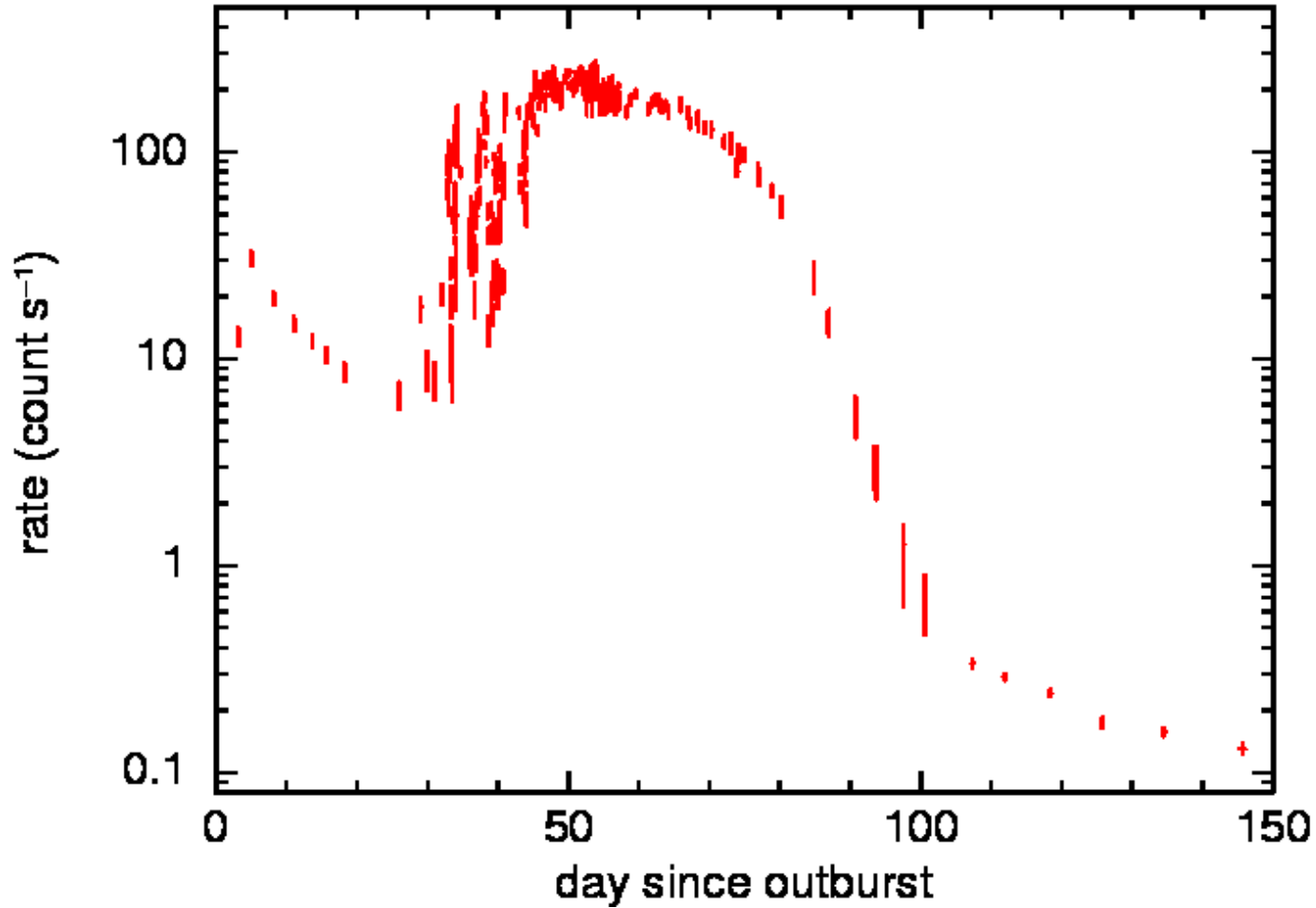
Neil in October 2005

The Swift Gamma-Ray Burst Mission was launched on 20<sup>th</sup> November 2004. Following the untimely death of PI Neil Gehrels in February 2017, the mission was renamed the **Neil Gehrels Swift Observatory** in January 2018.

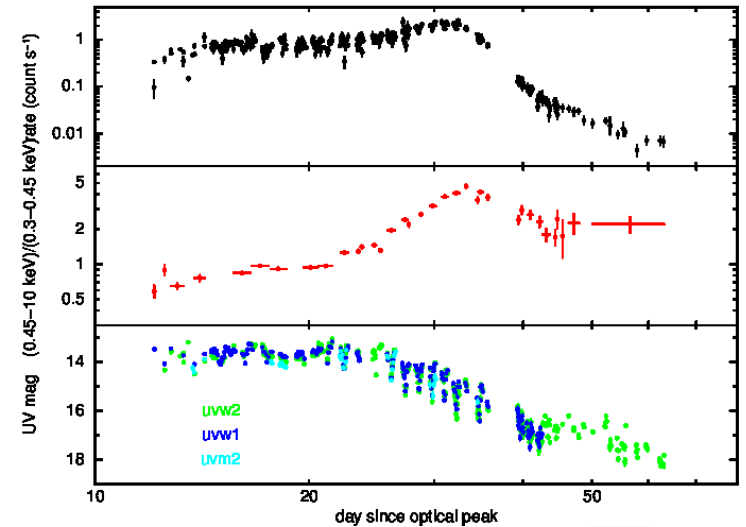
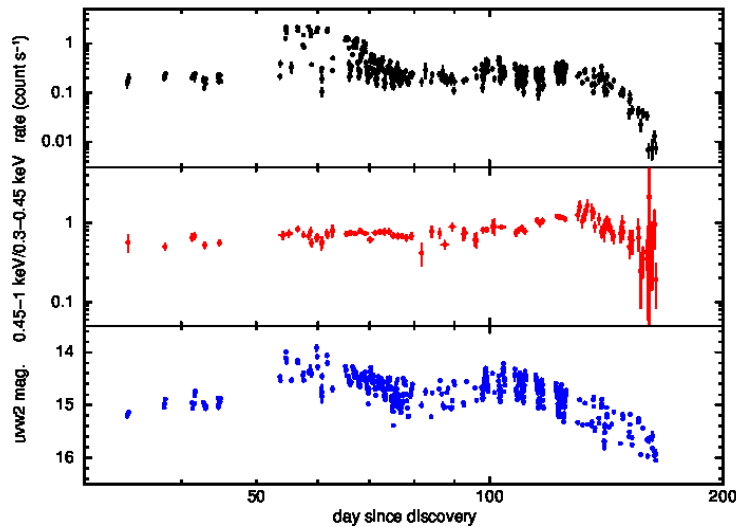
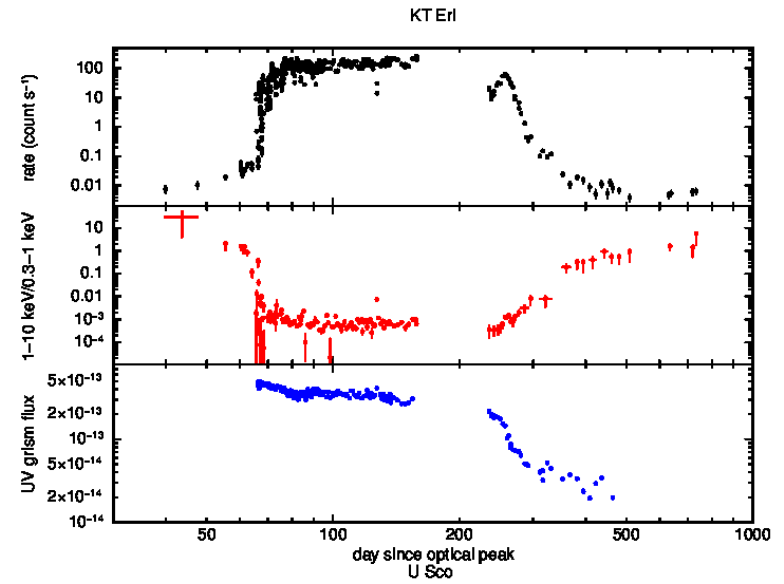
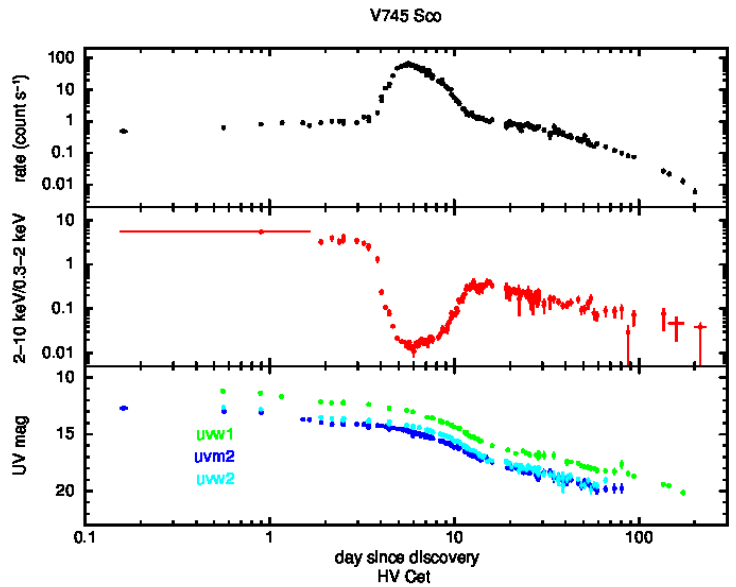


Credit: Andy Beardmore

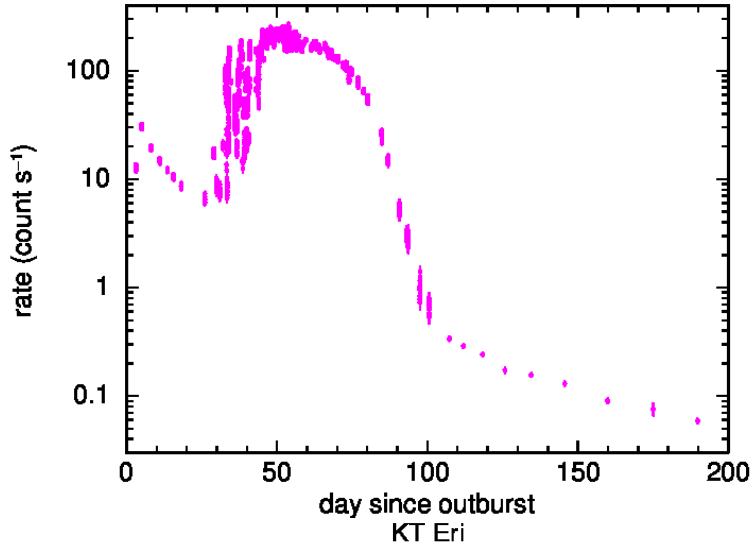




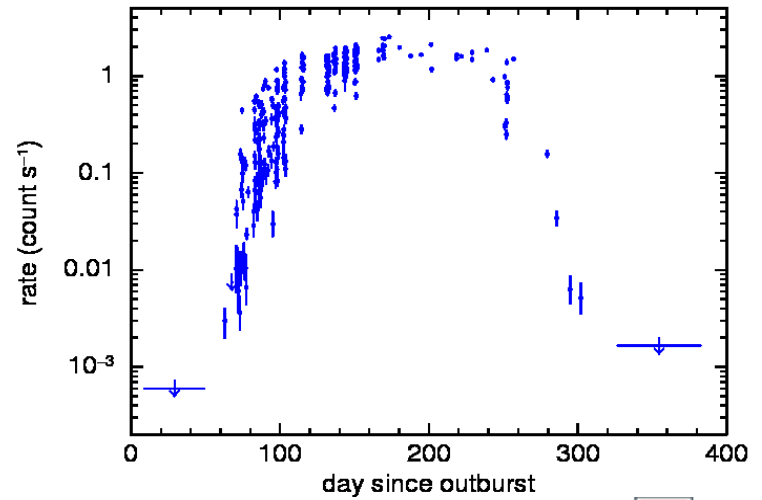
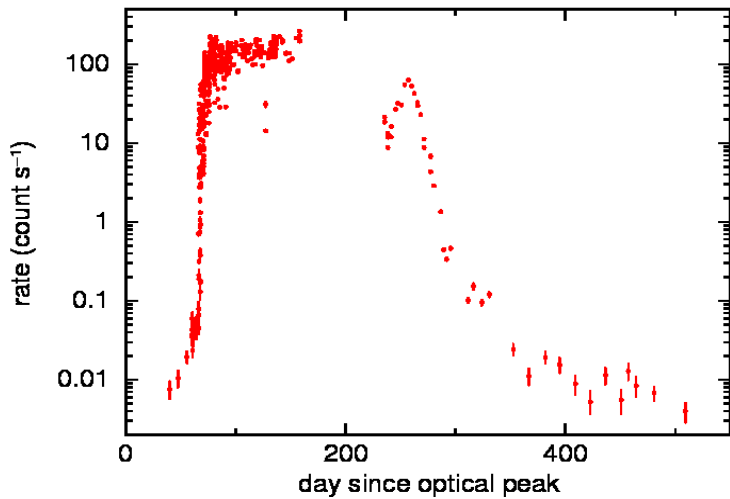
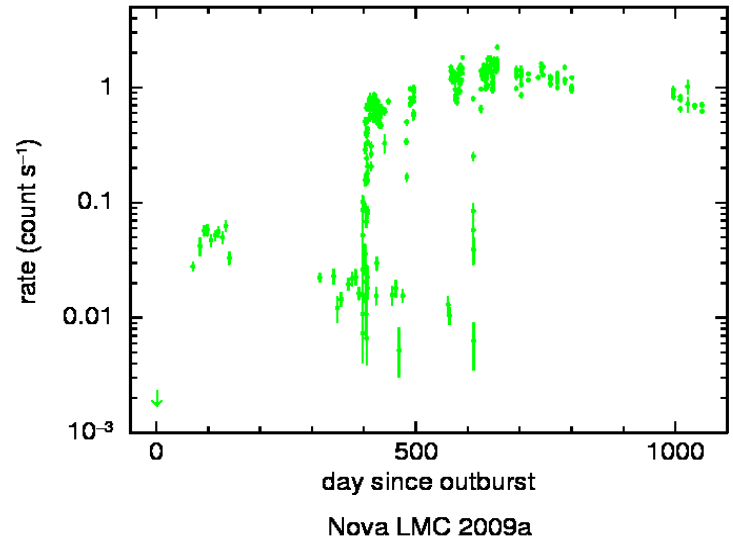
Osborne et al. (2011, ApJ, 727, 124)



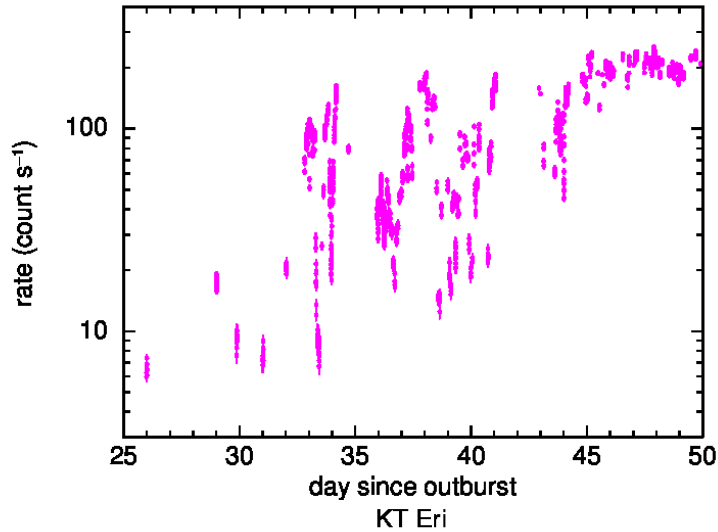
RS Oph



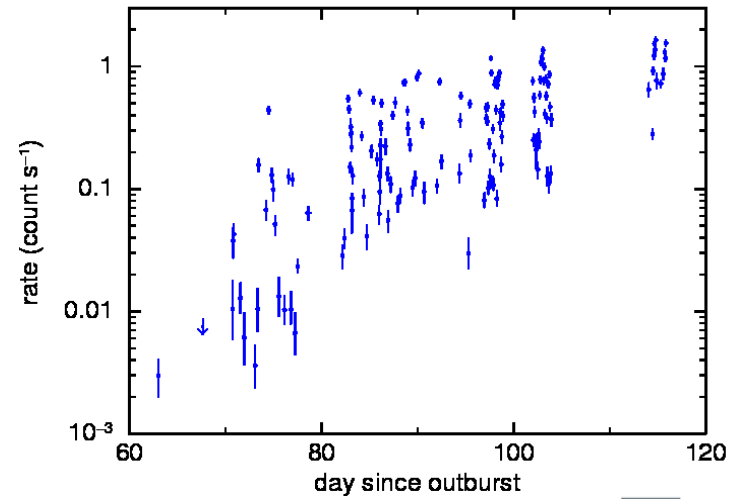
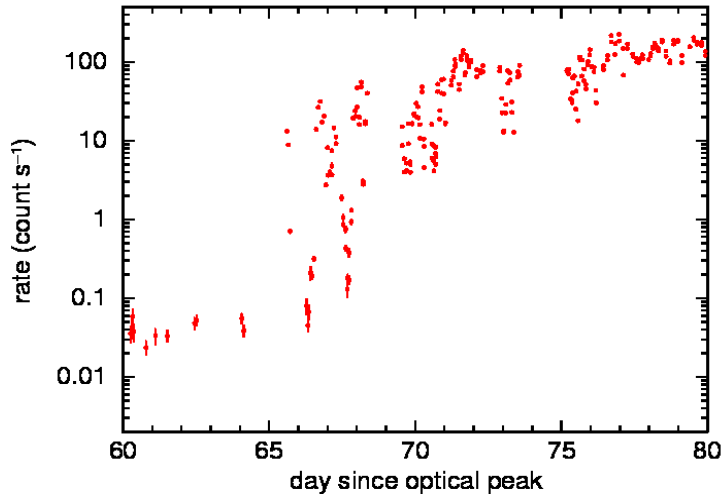
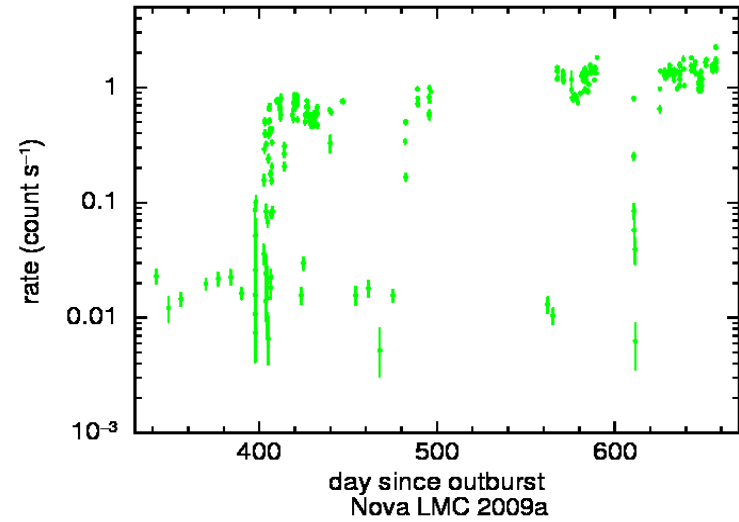
V458 Vul

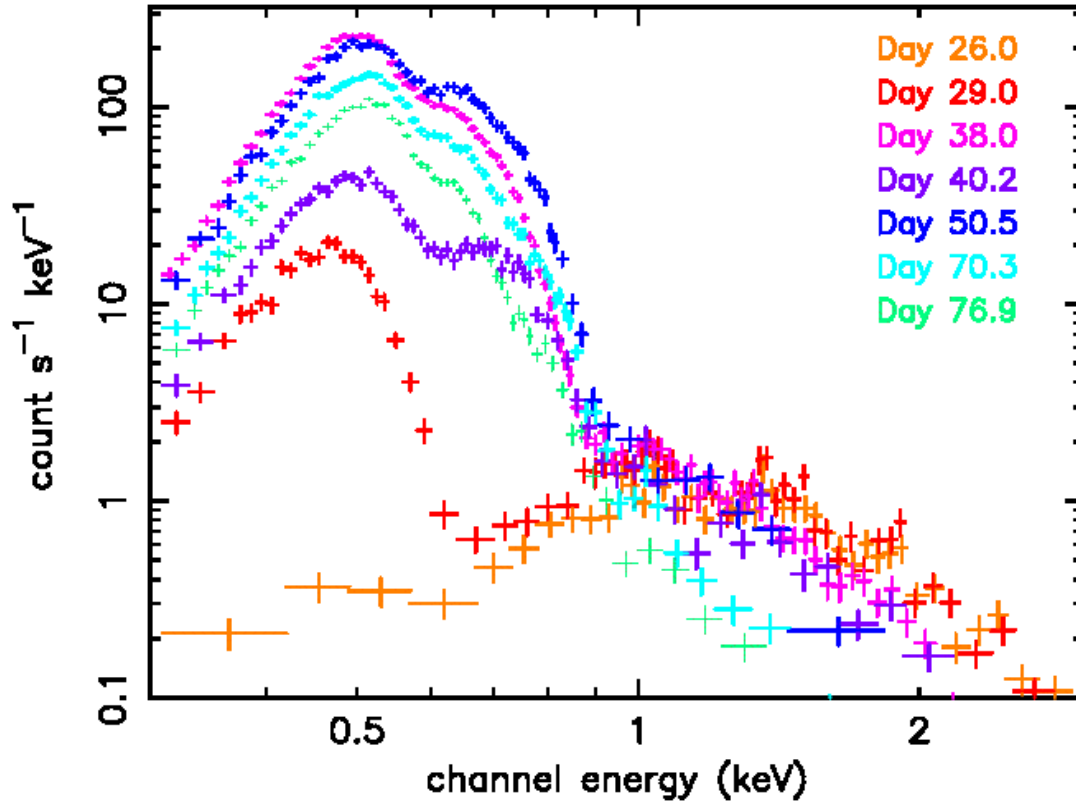


RS Oph

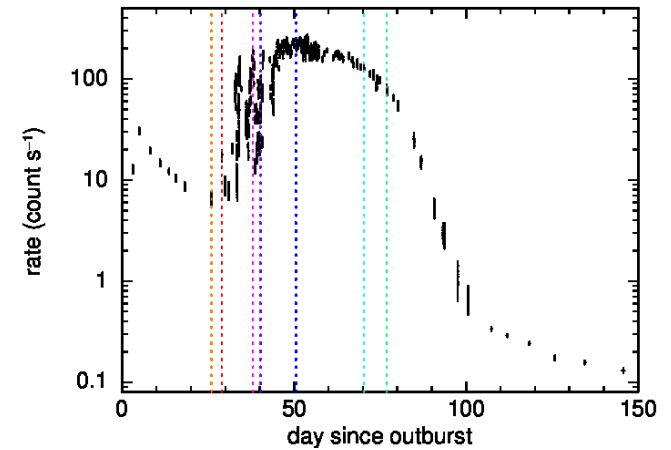


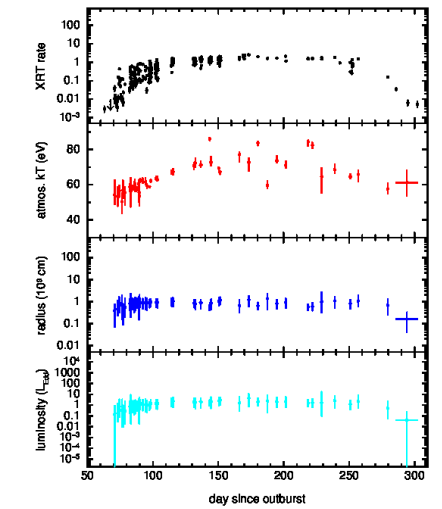
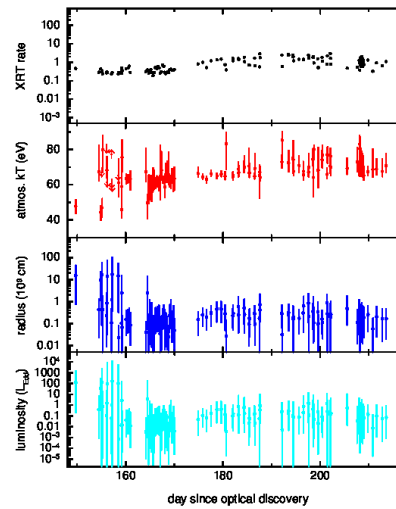
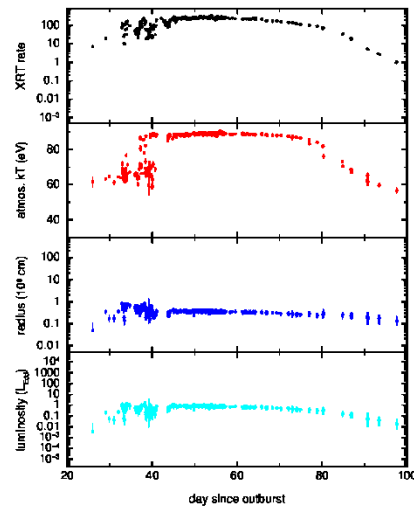
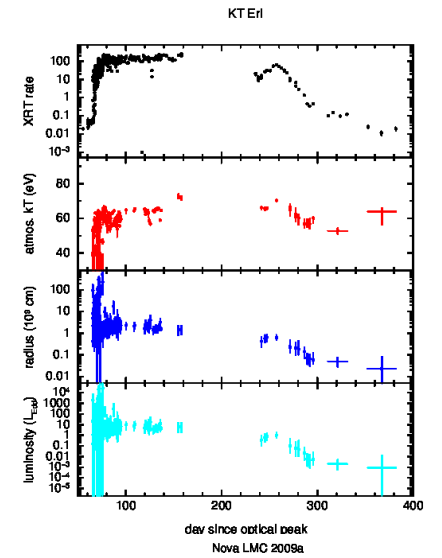
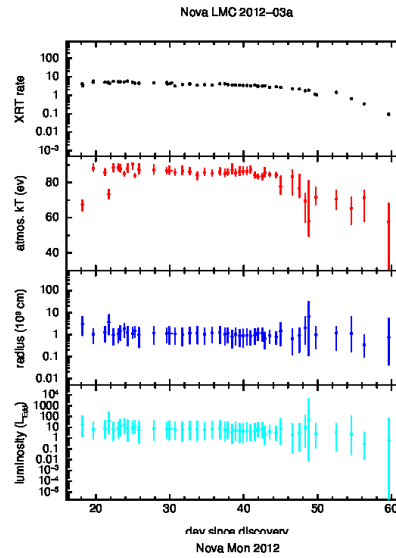
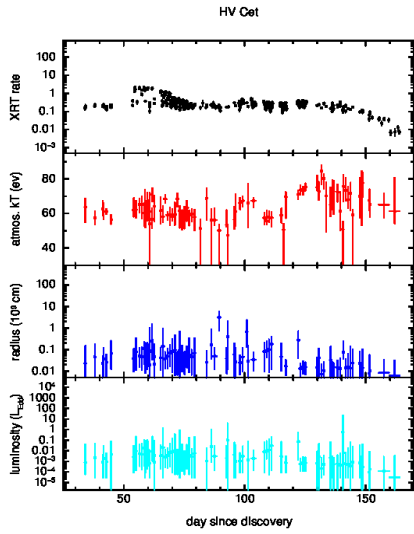
V458 Vul



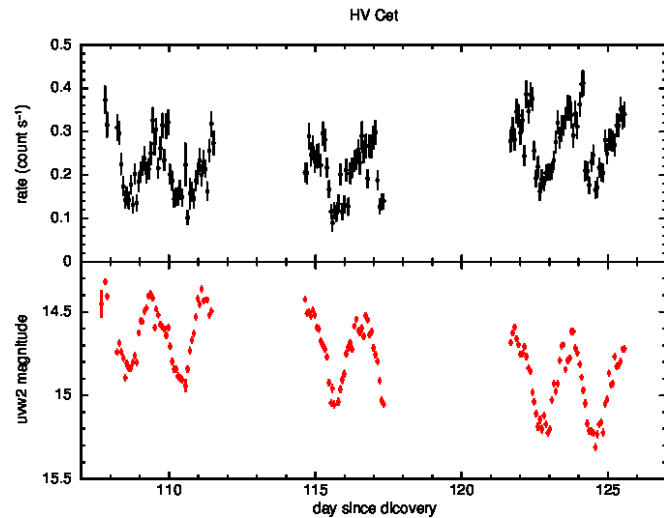


Example spectra during the SSS phase of RS Oph.

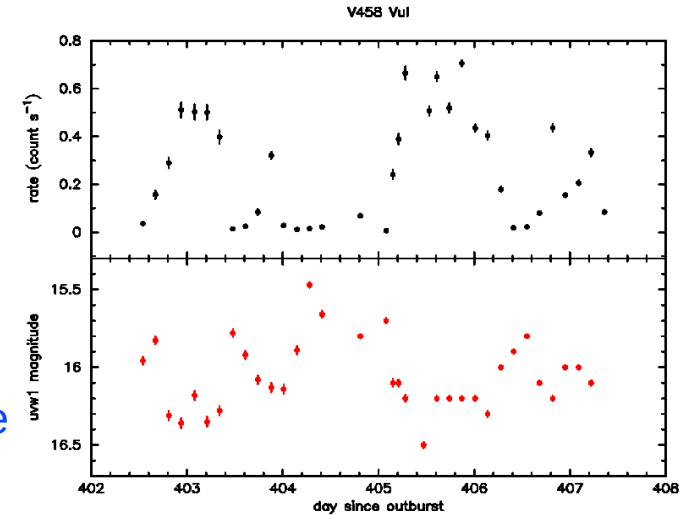




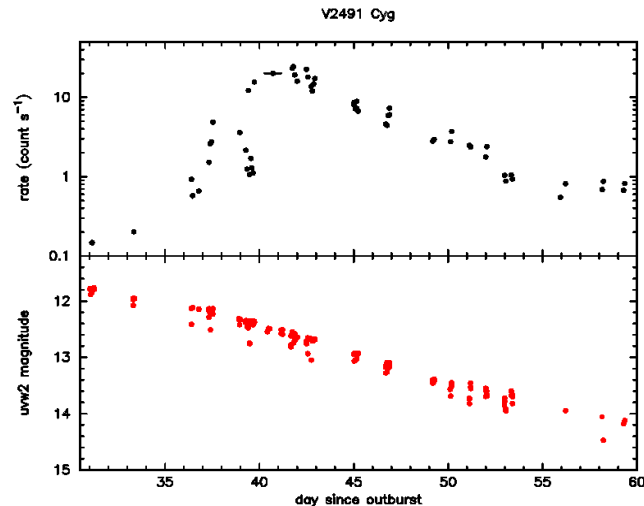




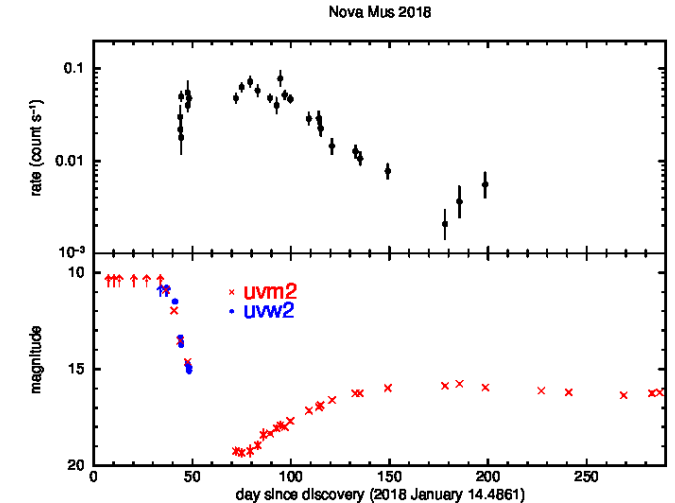
In phase:  
obscuration in  
a high-inclination  
system?



Anti-phase:  
temperature  
variations?



No correlation:  
different emitting  
regions for X-ray  
and UV?



UV rebrightens,  
coming out of a  
dust dip.