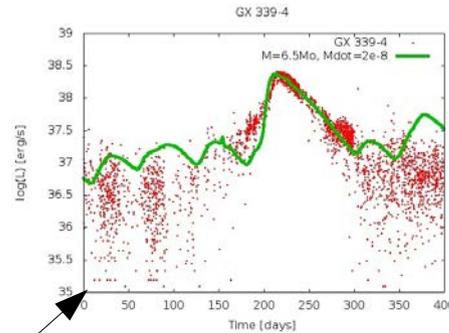
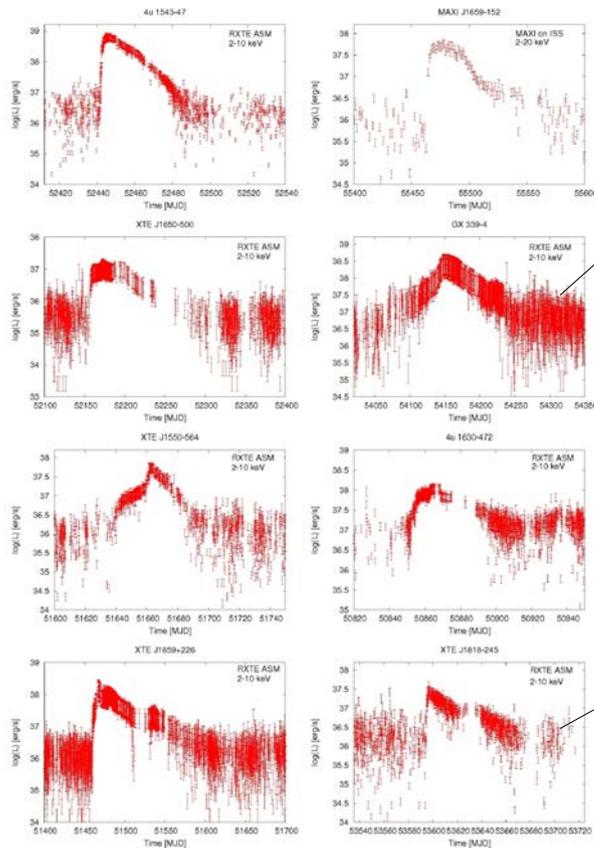




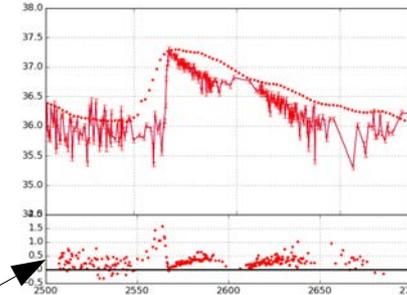
Low-mass X-ray binaries

Patrycja Bagińska
 Institute Astronomical Observatory
 Adam Mickiewicz University in Poznań

Ionization instability in soft X-ray transients

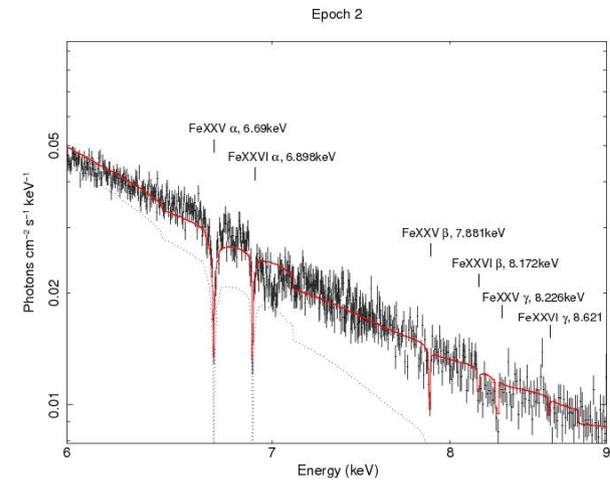


Obs. $5.8 \pm 0.5 M_{\odot}$
 Modelled $6.5 M_{\odot}$

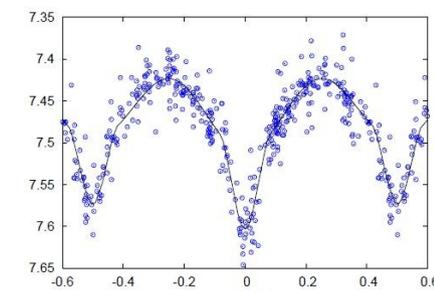
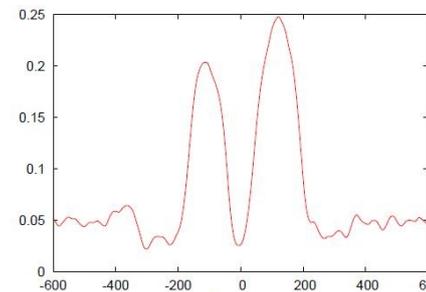


Obs. $10 M_{\odot}$
 Modelled $4 M_{\odot}$

Disk emission and atmospheric absorption lines in black hole candidate 4U 1630-472



...and eclipsing binaries



X-ray light curves showing typical FRED-type outbursts. Observations were done by RXTE ASM and MAXI satellites (see upper right corner). Luminosities have been reduced to common unit [erg/s].