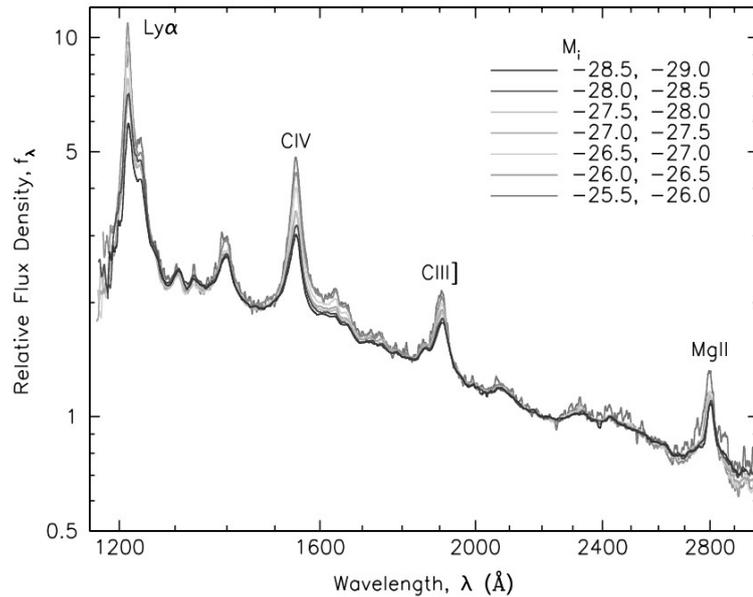


Bei You, post-doc at CAMK

Two main interest using Cloudy:

1. Optical emission/absorption lines in BLR

Background:

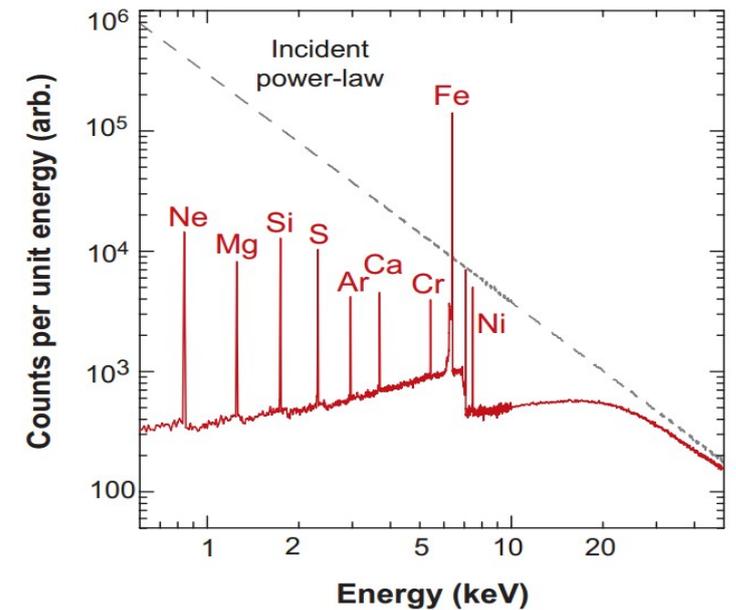


Aim:

simulate broad emission from BLR/absorption lines from outflows given the central ionization sources, i.e., accretion disk or X-ray corona

2. X-ray line features in XRBs

Background



Aim:

simulate the relativistically reflection spectrum from an ionized disk (collaborate with Rupal)