

**Course Materials for Practice Exercises** Tuesday, July 6, 2010

**High Resolution Spectroscopy**

- We will be analyzing a set of Chandra High Energy Transmission Gratings Spectra of the black hole candidate GRO J1655-40. The observation is discussed in [Miller et al., 2008](#).

The data were downloaded from the

[Transmission Gratings Catalog \(TGCat\)](#).

The adventurous can go and download the products from there directly (ObsId 5461), or you can grab a gzipped, tar file of the data from

[here](#).

- We will be using the same .isisrc script files required for the [Friday, July 2 practice exercise](#).

- [A PDF outlining the exercise can be found here](#) .

**X-ray Imaging & Pileup**

- [Grab this gzipped, tar'd data file](#).