

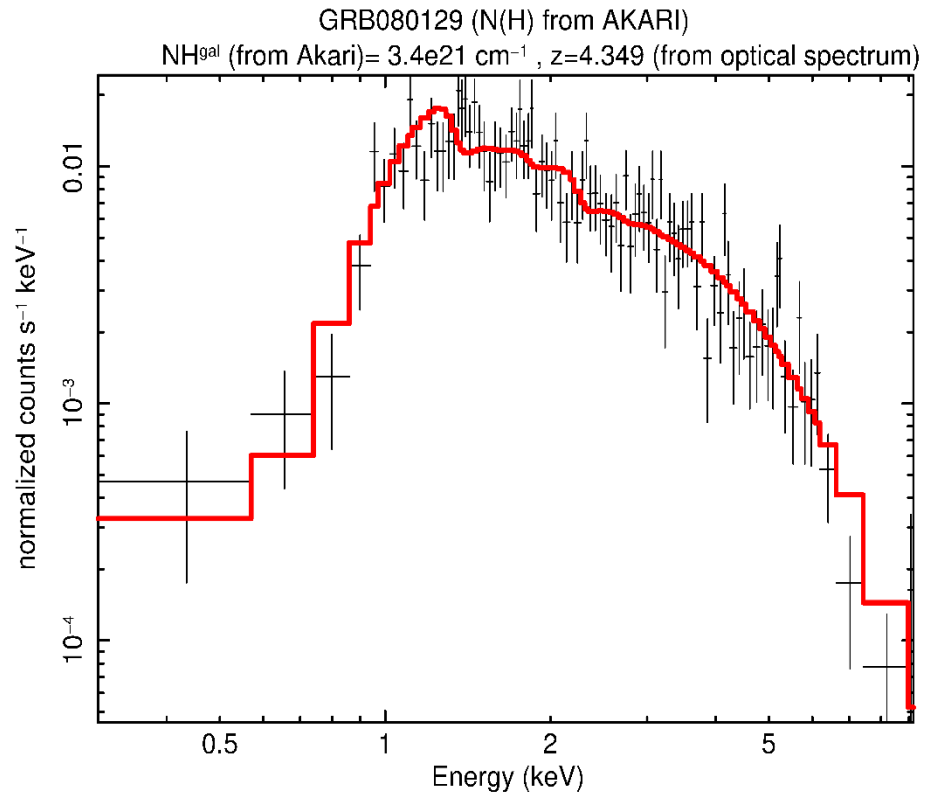
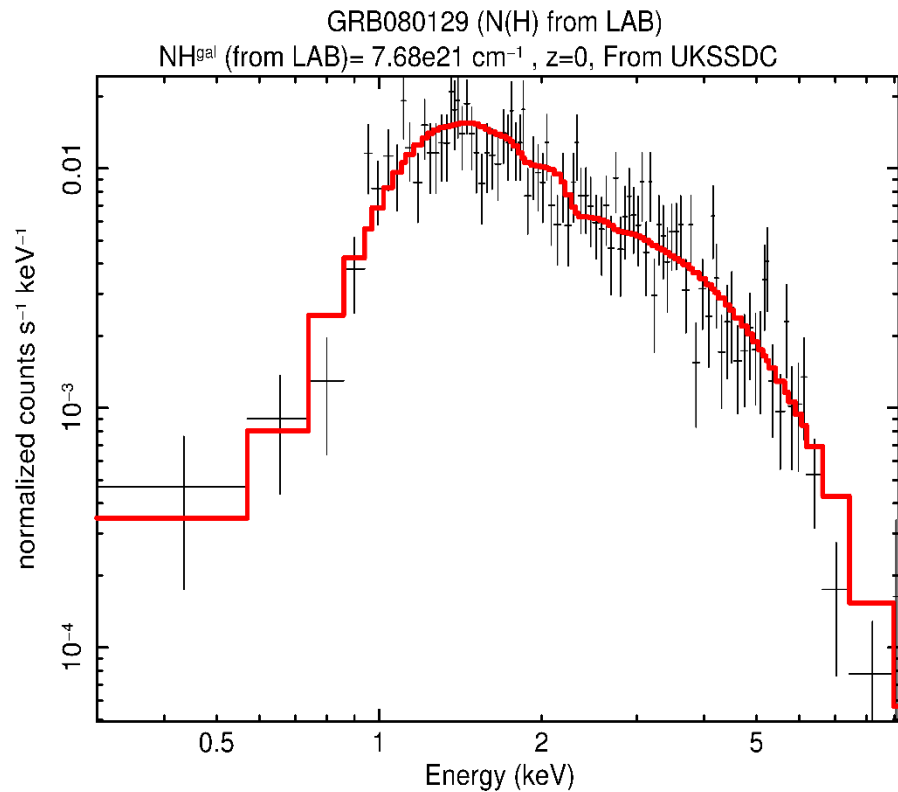
Estimation of hydrogen column density in Swift GRB hosts

Istvan I. Racz

Yasuo Doi, L. Viktor Tóth, Zsolt Bagoly,
Lajos G. Balázs, Istvan Horvath,
Sandor Pintér, Sarolta Zahorecz

Eötvös University, Budapest

Results of Swift XRT X-ray spectral fittings



Our experience:

- the new galactic foreground can change not negligibly
- the intrinsic column density might vary up to one order of magnitude
- the X-ray flux and intrinsic column density depend heavily on the redshift
 - the fitted flux and photon indices were not too sensitive from the initial and cosmological parameters