

Step 5. Obtain statistical errors on median energies and apparent fluxes.

NCh
NCt
MedEt
MedEh
BMF

Pass through ΔMedE versus MedE simulated data (Table 5) to get errors on median energy.

σMedEt
 σMedEh

NCh
NCt
MedEt
MedEh
Ft
Fh
 σNCt
 σNCh

Error propagation in Equations 1-4 to get statistical errors on apparent fluxes.

σFt
 σFh

Step 6. Obtain statistical and systematic errors on absorbing column density and intrinsic fluxes.

N_{H}
 σMedEt
MedEt
BMF

Pass through N_{H} versus MedEt simulated data (Table 3) to obtain errors on absorbing column density.

$\sigma N_{\text{H}},\text{stat}$
 $\sigma N_{\text{H}},\text{syst}$

Ftc
Fhc
MedEt
 σMedEt
Ft
Fh
 σFt
 σFh
BMF

Pass through intrinsic to apparent flux ratio versus MedEt simulated data (Table 4) to get errors on intrinsic fluxes.

$\sigma\text{Fhc},\text{stat}$
 $\sigma\text{Fhc},\text{syst}$
 $\sigma\text{Ftc},\text{stat}$
 $\sigma\text{Ftc},\text{syst}$