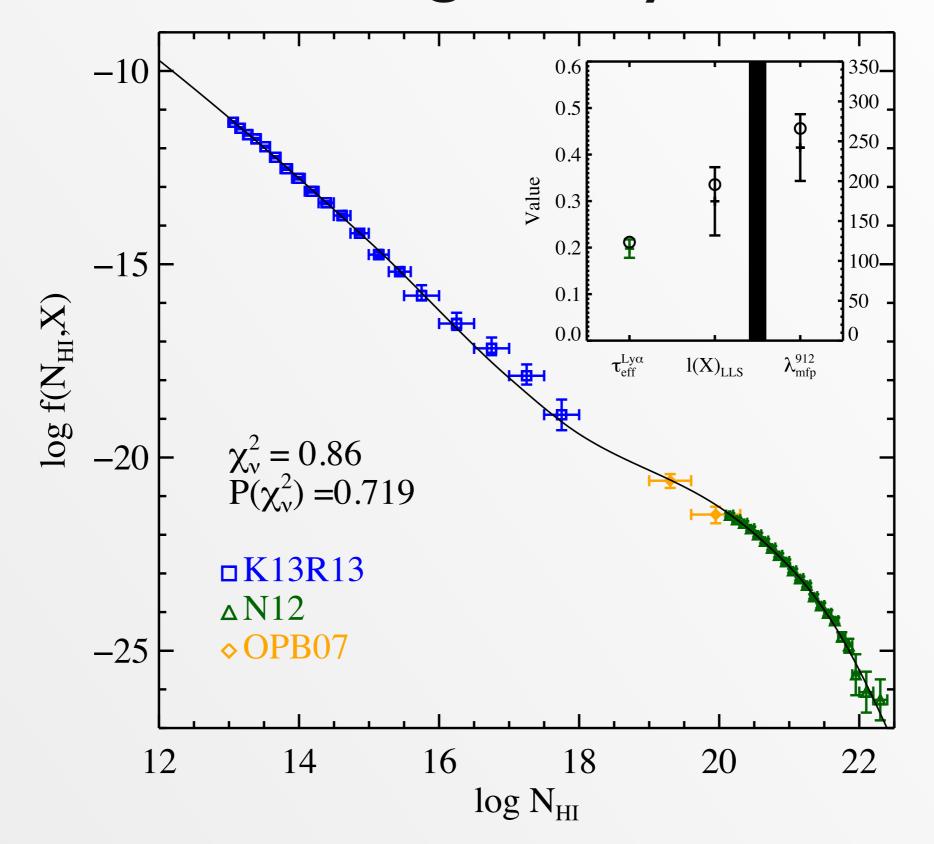
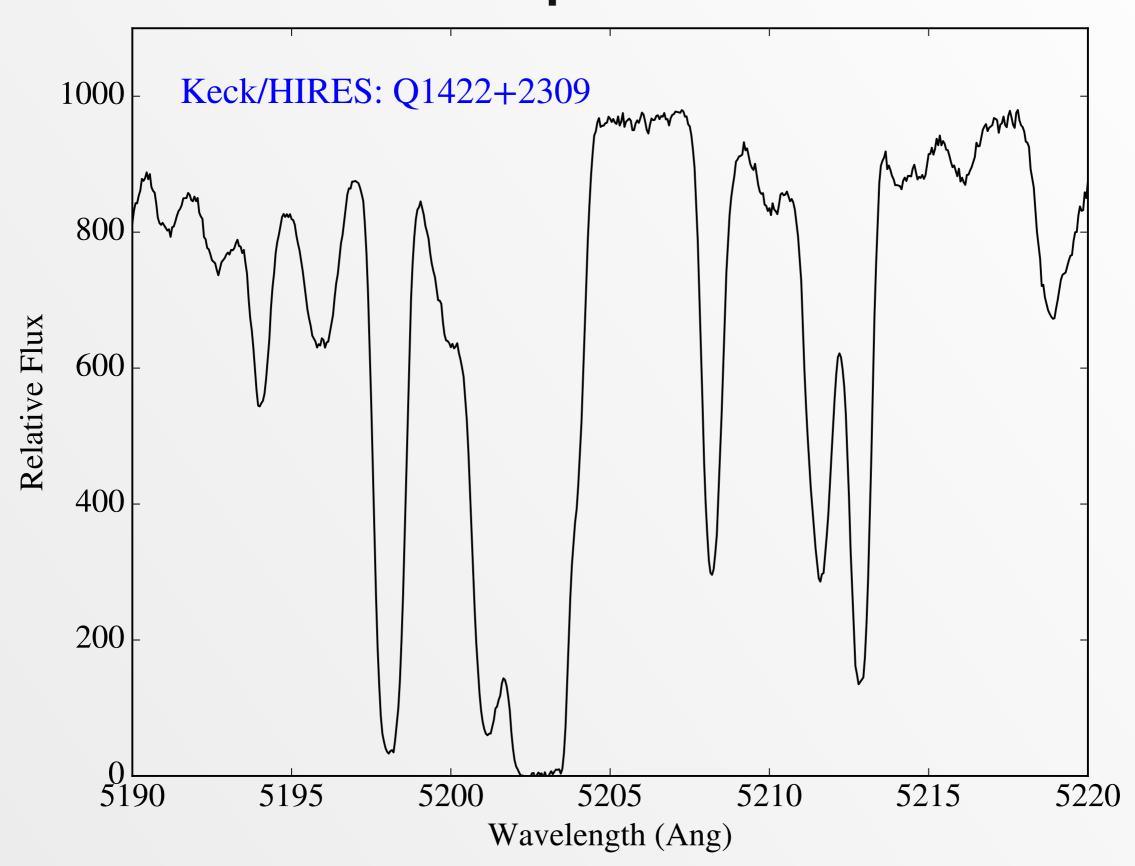
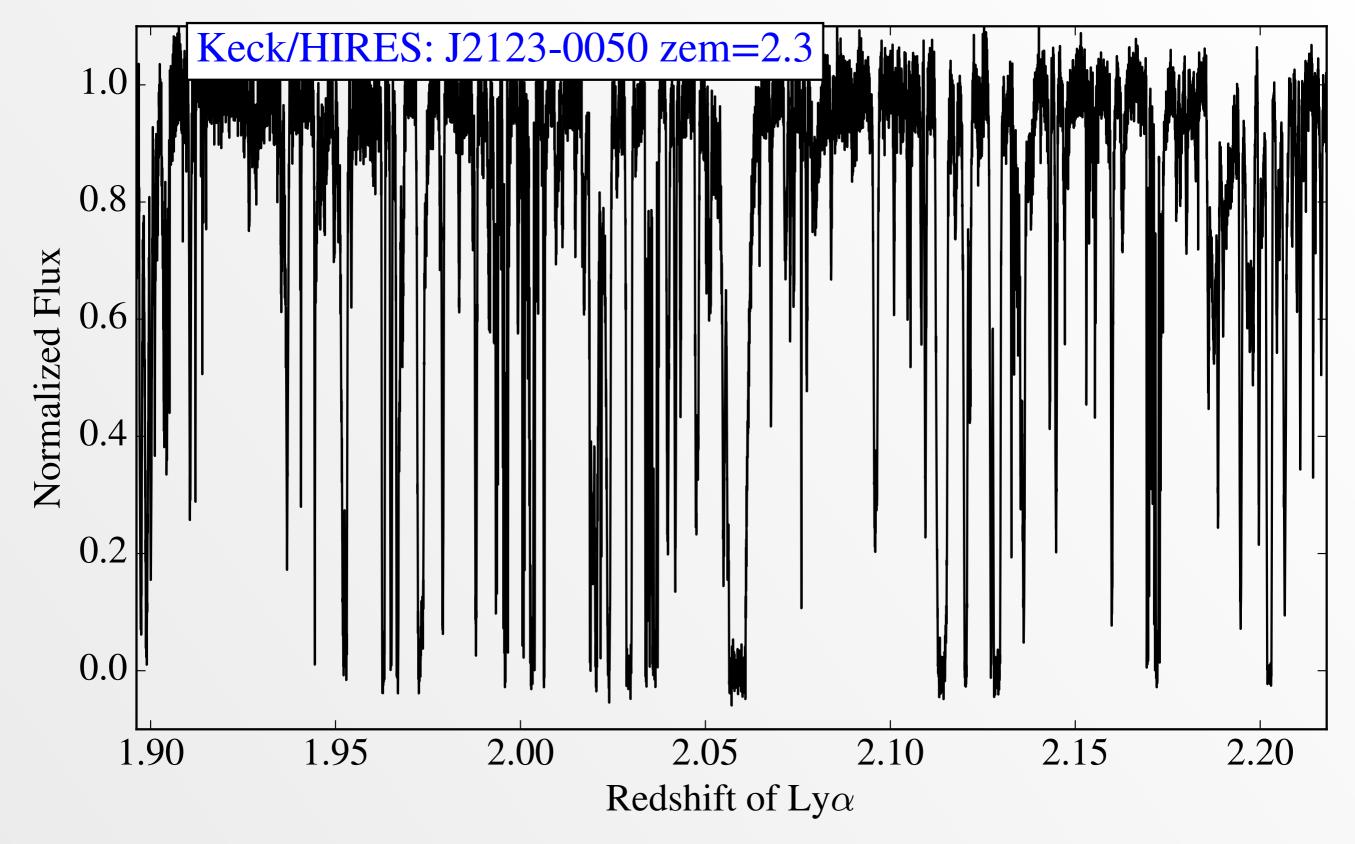
#### Characterizing the Lya Forest

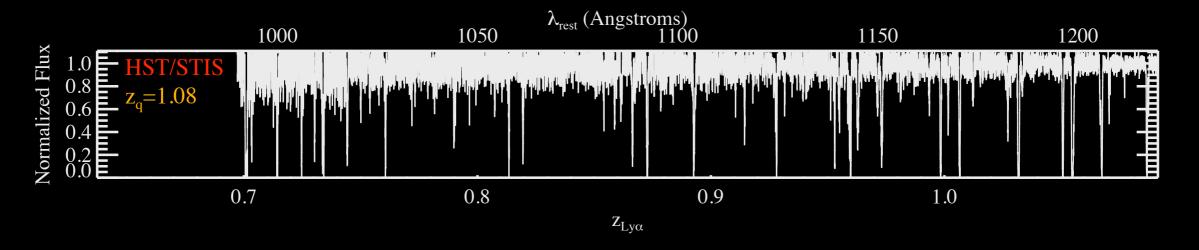


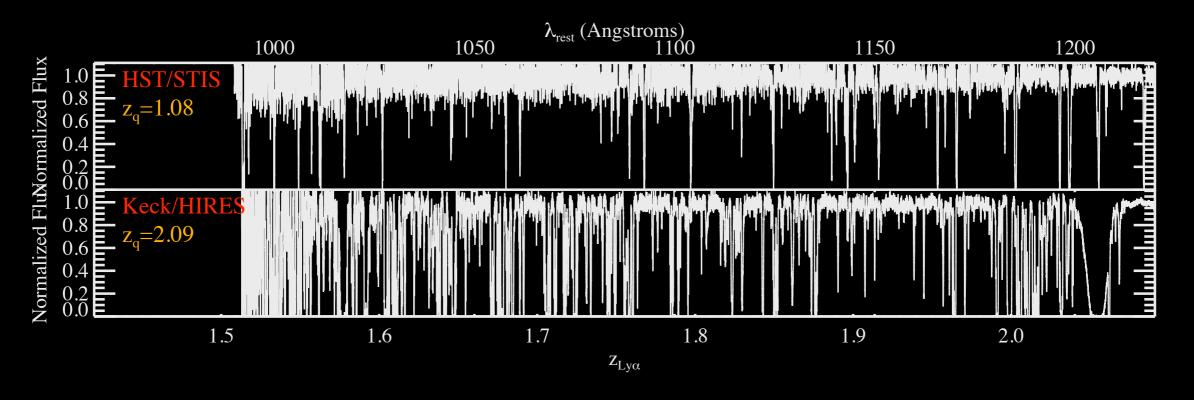
#### Absorption Lines

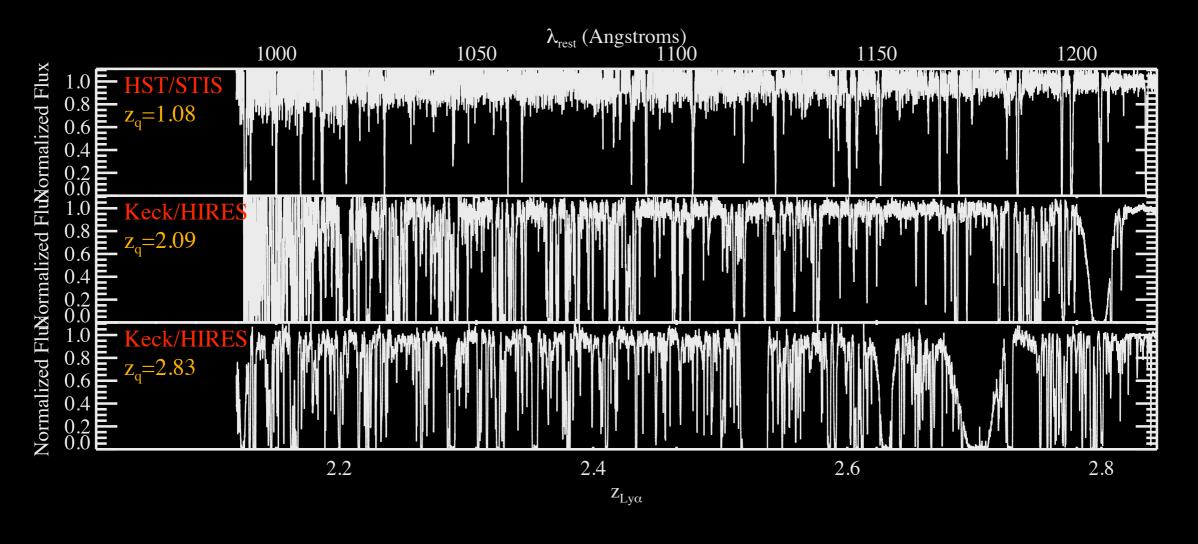


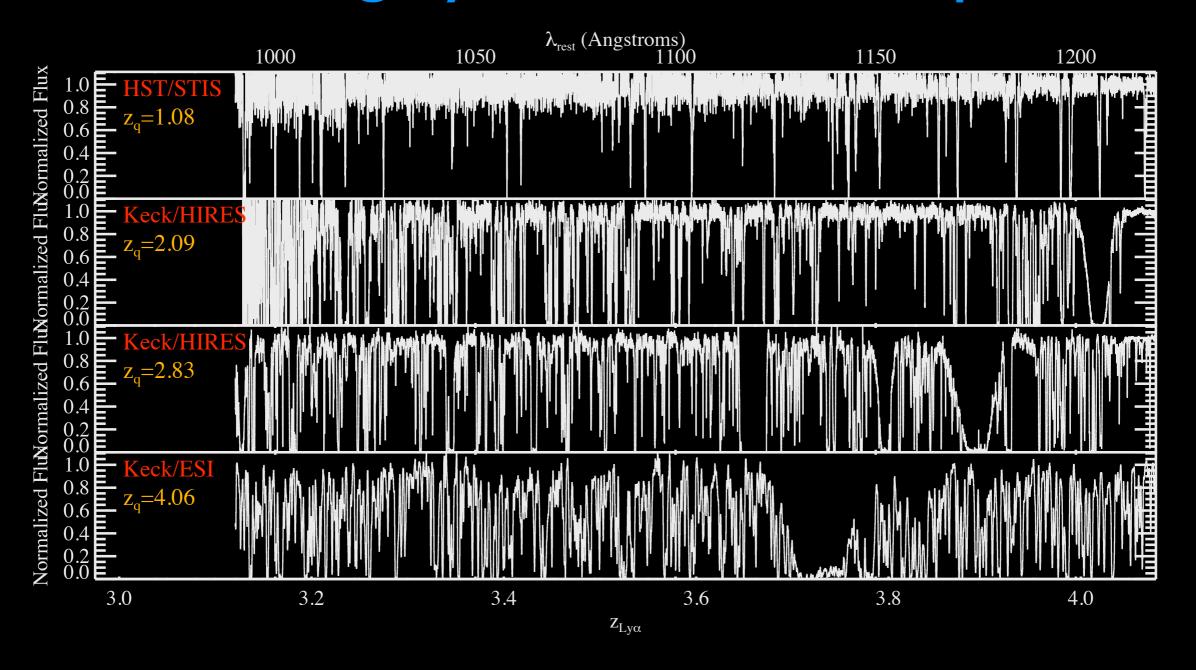
### Evolving Lya Forest (see PDF in Figures/)

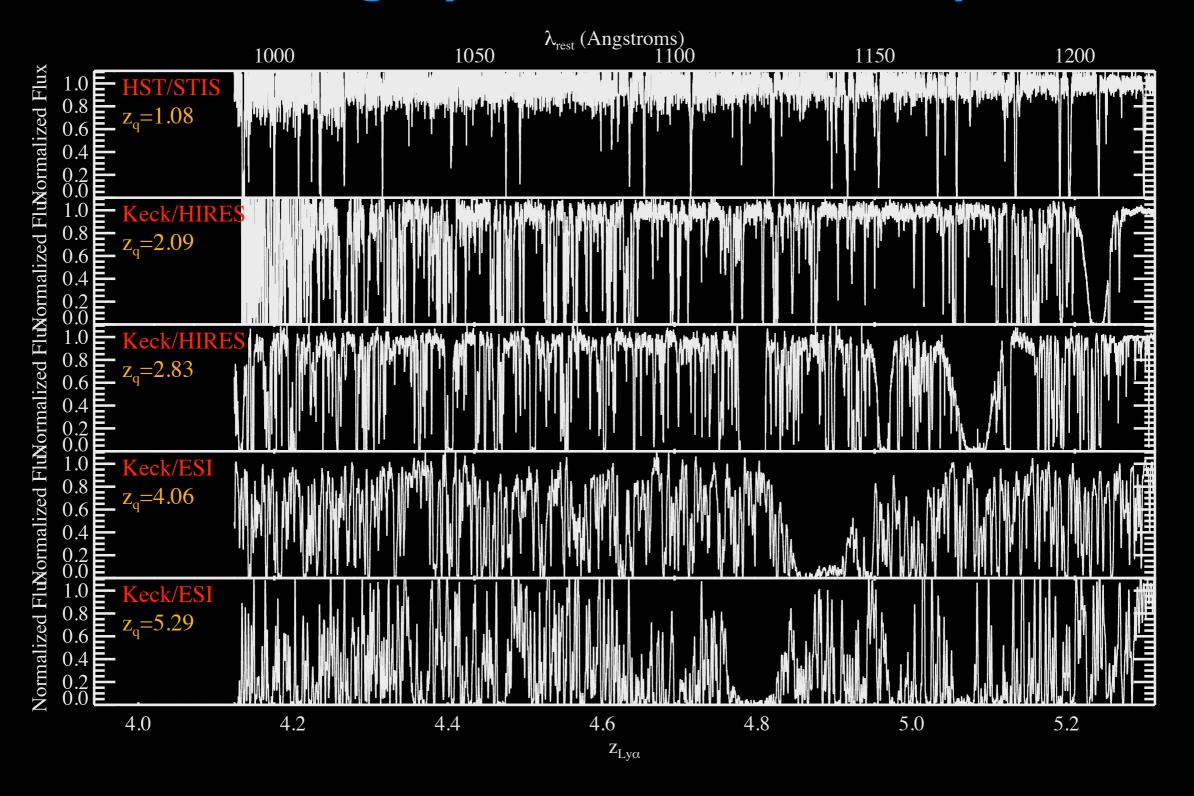










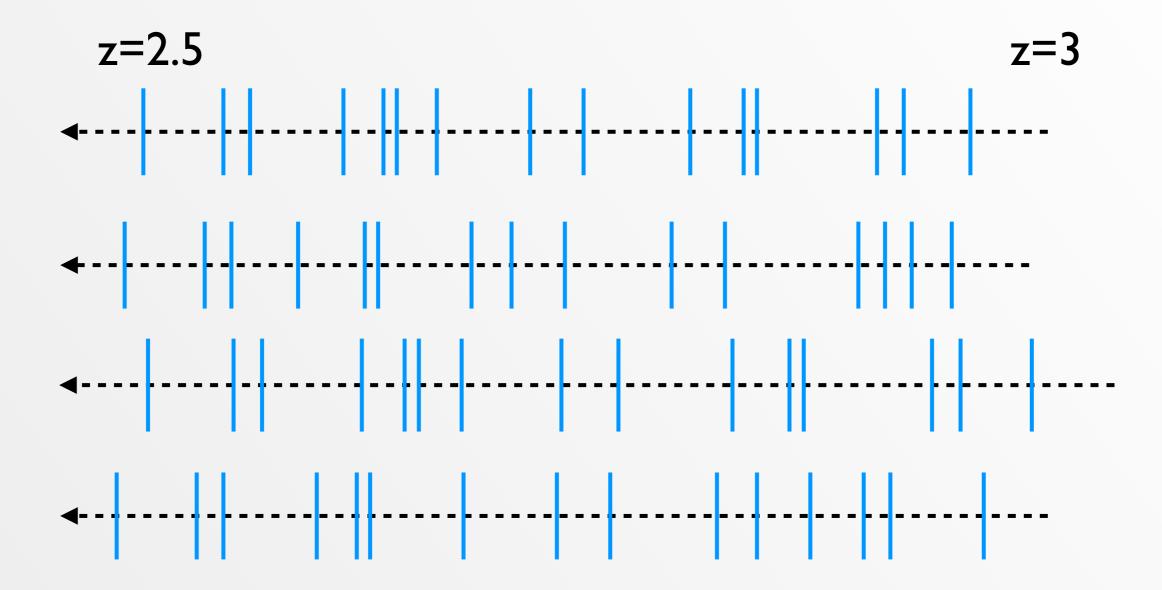




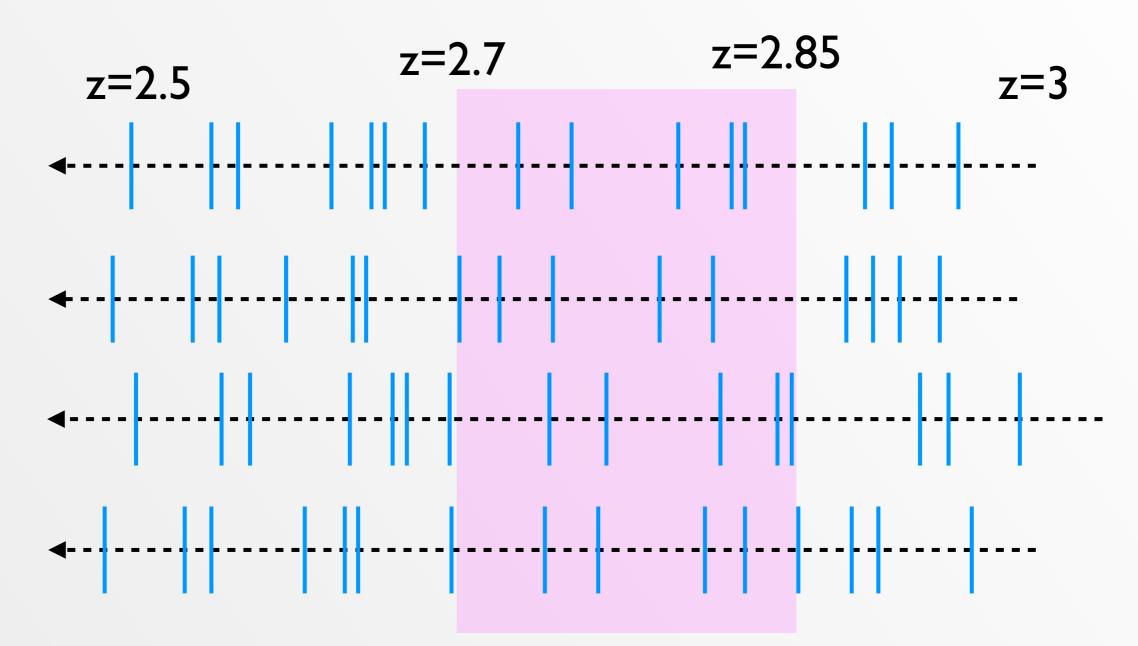
Each quasar contributes dz=0.15 of survey path for a total of Dz=0.6.  $f(N_{HI})$  is derived from the set of lines



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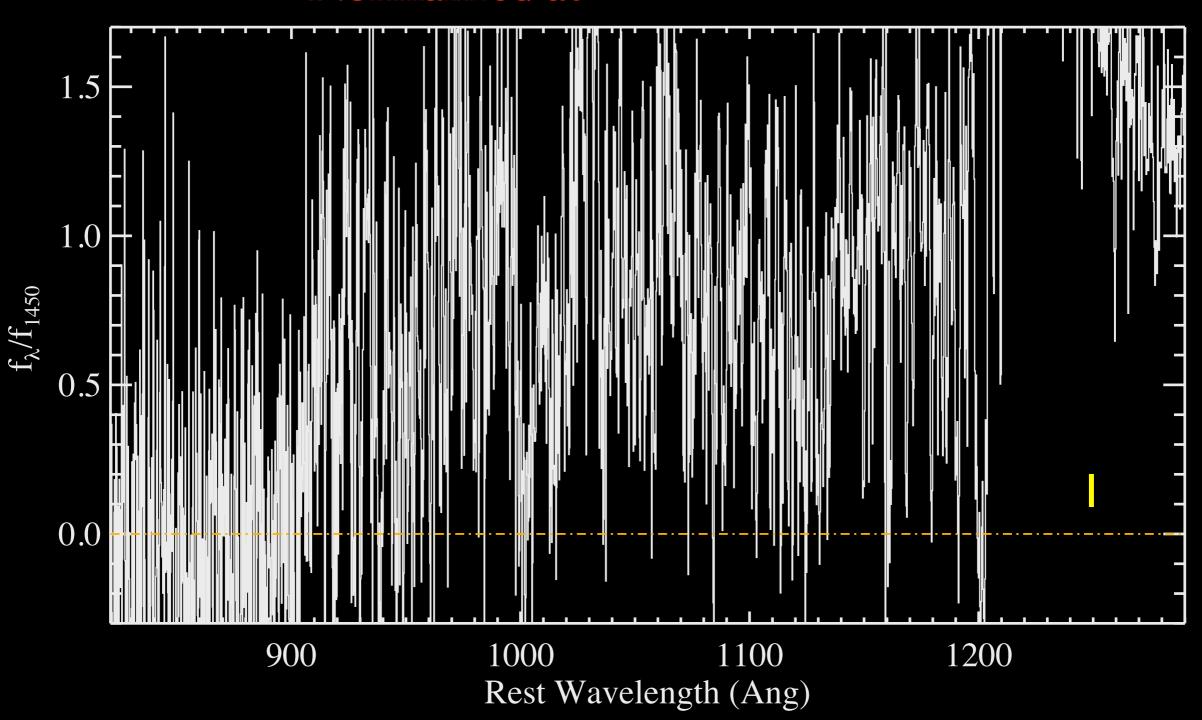
Each quasar contributes dz=0.15 of survey path for a total of Dz=0.6.  $f(N_{HI})$  is derived from the set of lines



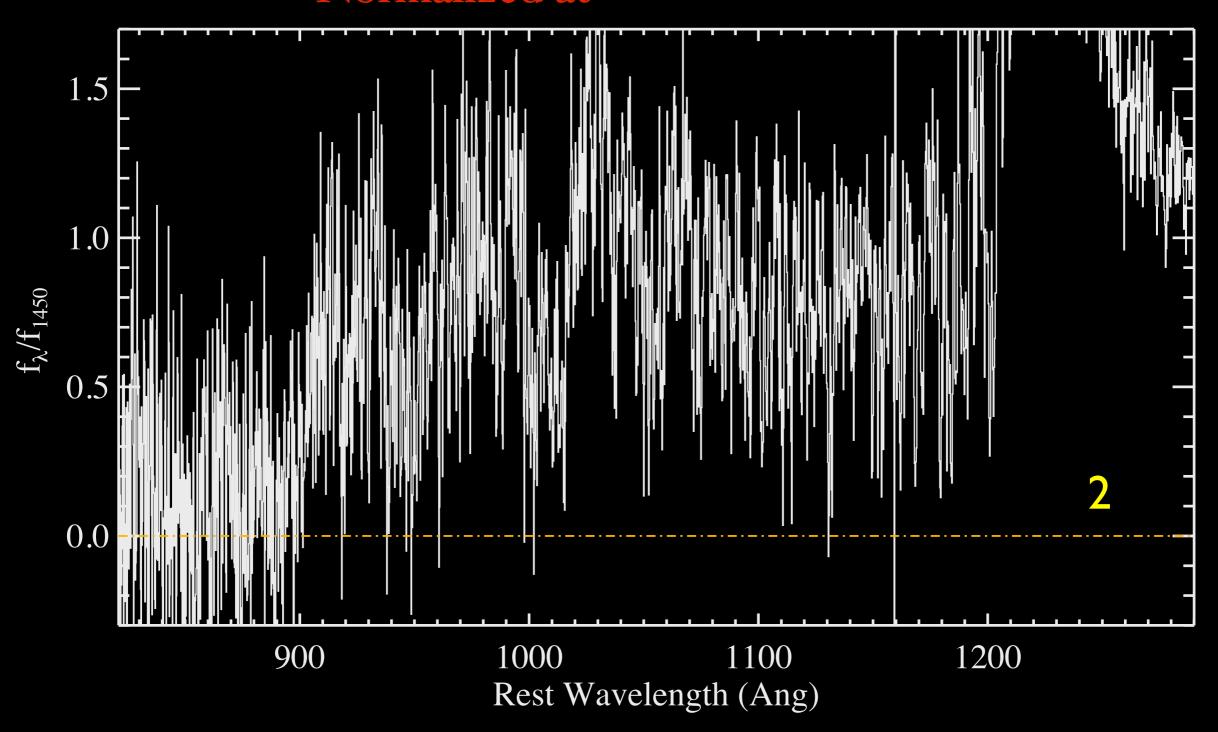
Survey z bin

Each quasar contributes dz=0.15 of survey path for a total of Dz=0.6.  $f(N_{HI})$  is derived from the set of lines

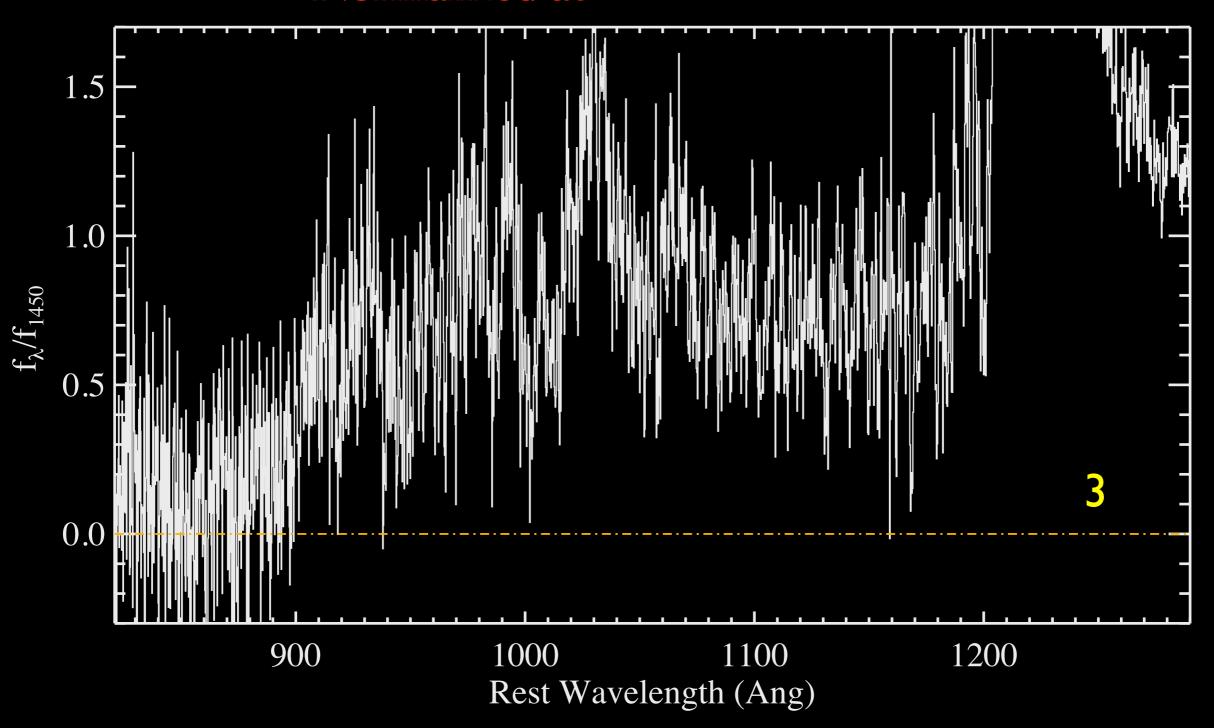
- Narrow range of z
- Straight average (no weighting)
- Normalized at



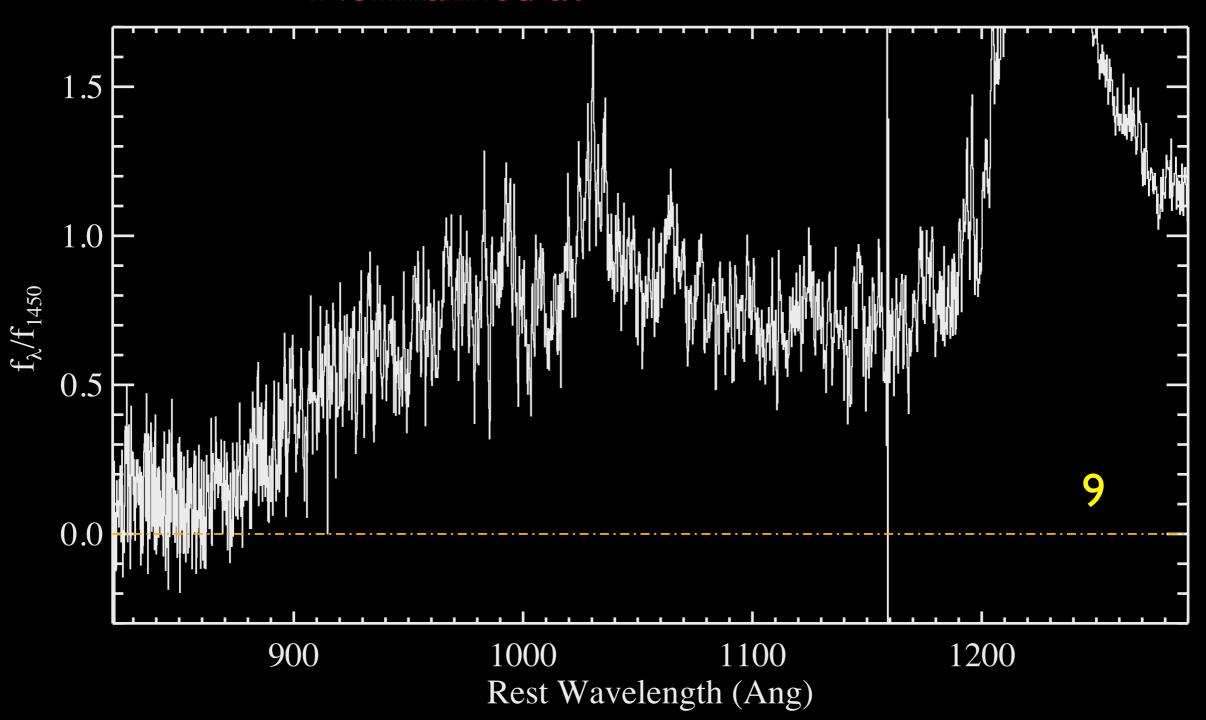
- Narrow range of z
- Straight average (no weighting)
- Normalized at



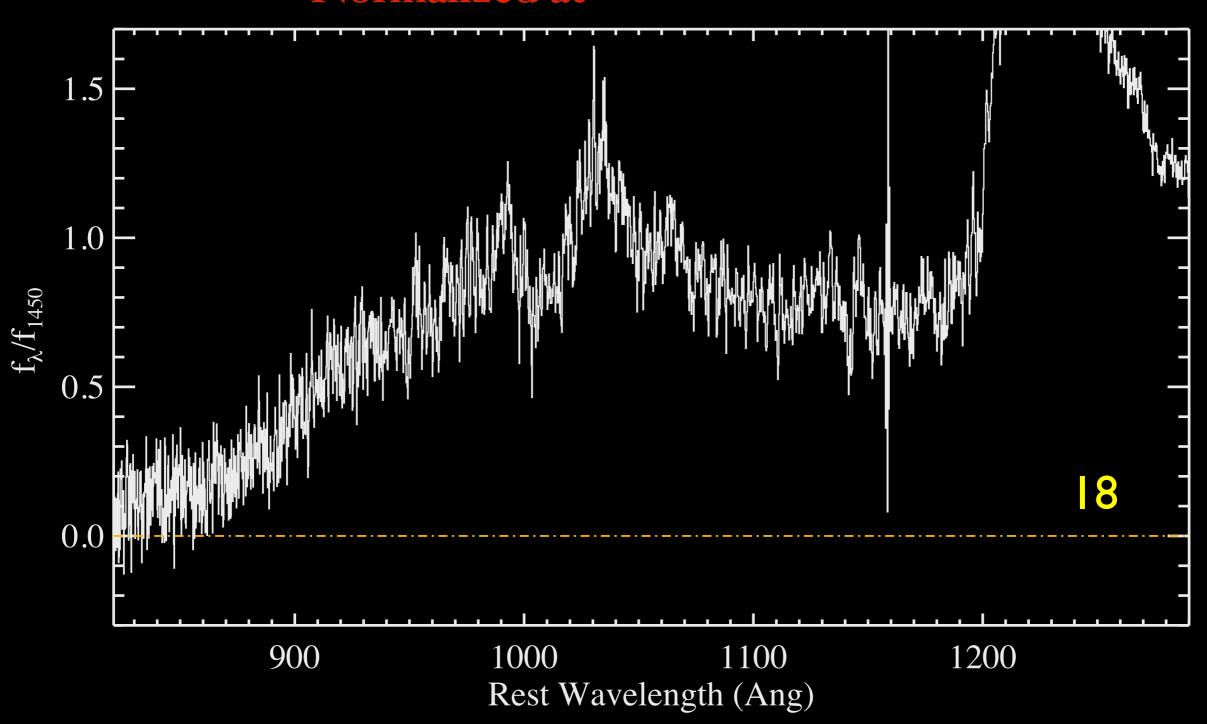
- Narrow range of z
- Straight average (no weighting)
- Normalized at



- Narrow range of z
- Straight average (no weighting)
- Normalized at



- Narrow range of z
- Straight average (no weighting)
- Normalized at



- Narrow range of z
- Straight average (no weighting)
- Normalized at

