











## Detecting the WHIM: OVI Absorption

- OVI(1032,1037Å) has collisional ionization maximum at T=10<sup>5.5</sup>K, nicely in WHIM range.
- Caveat: Photoionization from UV background can increase fraction at low temperatures.
- Seen ubiquitously in lowredshift quasar spectra, dN/dz~50 for EW>30mÅ (Tripp et al 2000), indicative of significant baryon reservoir: Broadly confirms simulation scenario.



























