## Fractional Columns for N | Constant temp: 10^6.0 NI $10^{0}$ NII Fraction 10<sup>-1</sup> NIII NIV NV NVI E 10<sup>-3</sup> **NVII** NVIII tot $10^{-5}$ 10<sup>-3</sup> Hydrogen density ( $cm^{-3}$ )