$0.0 \quad 0.2 \quad 0.4 \quad 0.6 \quad 0.8 \quad 1.0 \\ 0.9 \ \mathrm{t}_{ff} \qquad \qquad x_{\mathrm{HII}} \qquad \qquad \underline{\qquad \qquad }_{20 \ \mathrm{pc}}$ 

