

$$\text{LTE } \alpha_{\text{CI}(2-1)}^{-\text{He}} = C \cdot [QE] \cdot [\tau] \cdot 10^{-4} / ([\text{C}_\text{I}/\text{H}_2])$$

$$\approx [(0.00 + (T_{\text{ex}}/75)^{7.01}) \cdot (T_{\text{ex}}/75)^{-9.40} + 5.67] \times (2 \times 10^{-5} / [\text{C}_\text{I}/\text{H}_2])$$

