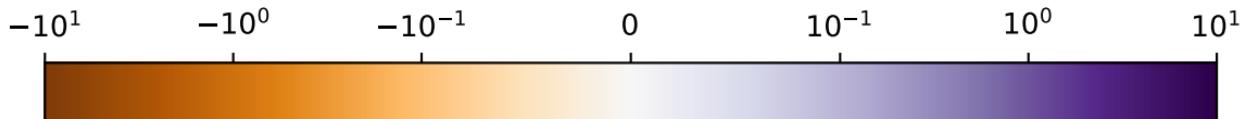


CO 2-1  
 $(F_{\text{pythonradex}} - F_{\text{RADEX}})/F_{\text{pythonradex}} [\%]$

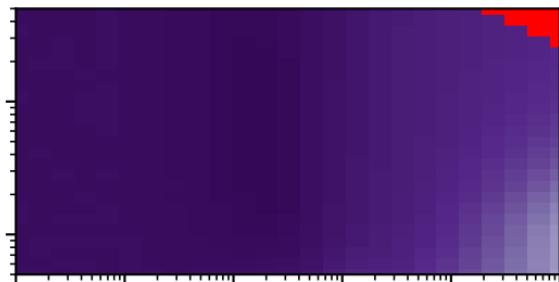


$n(H_2) = 1.0 \times 10^2$

$n(H_2) = 2.0 \times 10^3$

$T_{\text{kin}} [\text{K}]$

10<sup>2</sup>  
10<sup>1</sup>

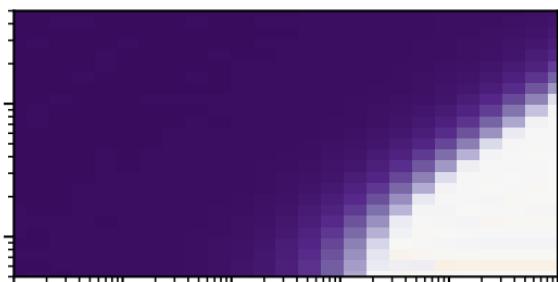
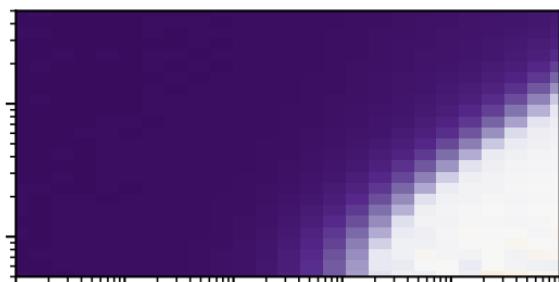


$n(H_2) = 5.0 \times 10^4$

$n(H_2) = 1.0 \times 10^6$

$T_{\text{kin}} [\text{K}]$

10<sup>2</sup>  
10<sup>1</sup>



CO column density [ $\text{cm}^{-2}$ ]

CO column density [ $\text{cm}^{-2}$ ]