

$\text{N}_2\text{H}^+$ , core,  $T_{\text{rot}} = 50.0 \text{ K}$ ,  $N_{\text{tot}} = 4.4\text{e}+13 \text{ cm}^{-2}$ ,  $v_{\text{cen}} = 40.0 \text{ km s}^{-1}$ ,  $v_{\text{disp}} = 1.5 \text{ km s}^{-1}$

