

$\text{C}^{13}\text{CH}$ , core,  $T_{\text{rot}} = 50.0 \text{ K}$ ,  $N_{\text{tot}} = 2.2\text{e}+13 \text{ cm}^{-2}$ ,  $v_{\text{cen}} = 40.0 \text{ km s}^{-1}$ ,  $v_{\text{disp}} = 1.5 \text{ km s}^{-1}$

Brightness temperature [K]

