

SO^+ , core, $T_{\text{rot}} = 50.0 \text{ K}$, $N_{\text{tot}} = 8.8\text{e}+12 \text{ cm}^{-2}$, $v_{\text{cen}} = 40.0 \text{ km s}^{-1}$, $v_{\text{disp}} = 1.5 \text{ km s}^{-1}$

