

Figure from A Multiline Aperture Synthesis Study of Orion-KL

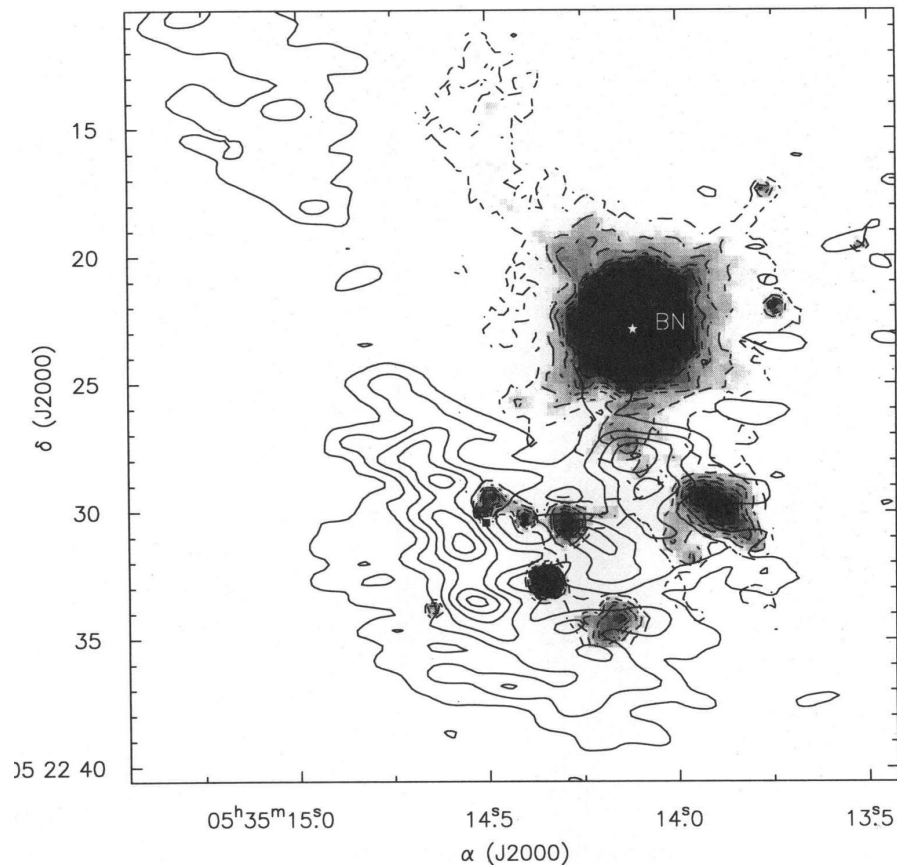
Wright 1996 ApJ 469 228 doi:308158864287067800170087_doi:10.1086/177773

https://dx.doi.org/308158864287067800170087_doi:10.1086/177773

The Astrophysical Journal

WRIGHT, PLAMBECK, & WILNER

Vol. 469



ours are H^{13}CN emission at $1''.7 \times 0''.8$ resolution, integrated over the velocity range $9 < V_{\text{LSR}} < 11 \text{ km s}^{-1}$ to show the hot core, th cloud. The contour levels are 26, 52, 79, 105, 131, 157, 210 K. Dashed, shaded contours show $3.8 \mu\text{m}$ emission (Dougados et al. with contour interval $3.5 \text{ mJy beam}^{-1}$; the peak flux is $13.9 \text{ Jy beam}^{-1}$. BN and source I are marked by a star and a filled square, were aligned with respect to the radio position of BN.

ated the excitation temperature from the ated intensities in a 10 km s^{-1} window

hypothesis, much higher signal-to-noise data are required to confirm it.