

Declination (J2000)

$32^{\circ}54'00''$

$53'00''$

$52'00''$

$51'00''$

$3^{\text{h}}47^{\text{m}}44^{\text{s}}$ 40^{s} 36^{s} 32^{s}

Right Ascension (J2000)

5000 au

T_{peak} (K)

3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0

5000 au

V_{LSR} (km s^{-1})

10.6
10.4
10.2
10.0
9.8

5000 au

Barnard 5
NOEMA
+IRAM 30m
 HC_3N (10 – 9)

σ_v (km s^{-1})

0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

