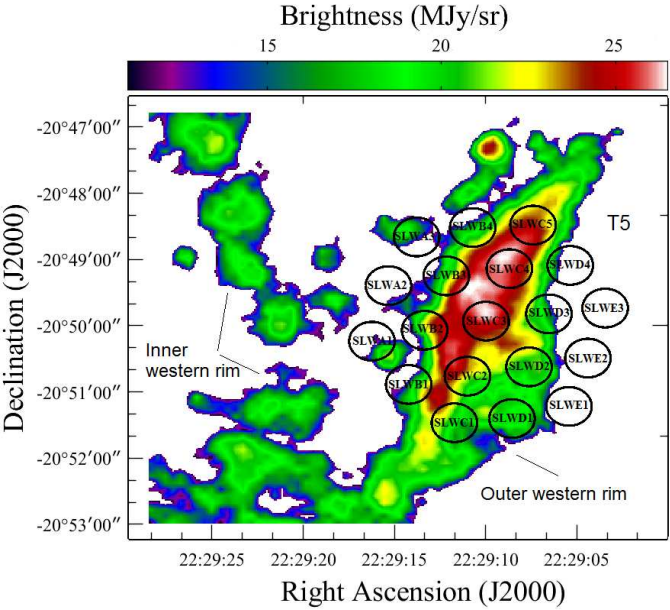
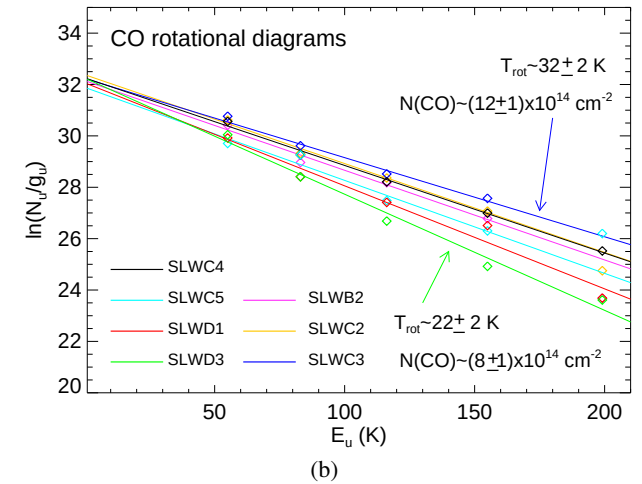
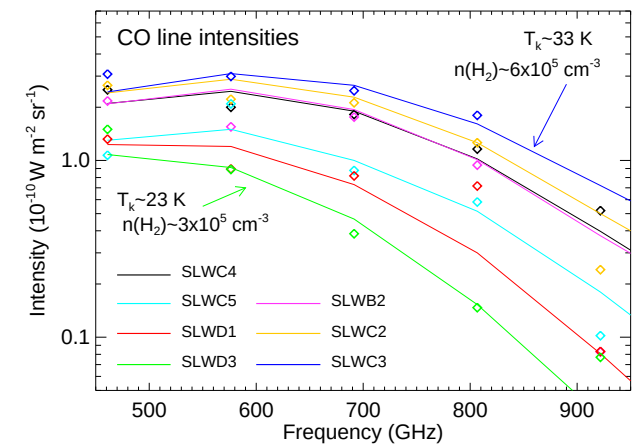

Brightness (MJy/sr)
15
20
25
Declination (J2000)
-20°47′00″
-20°48′00″
-20°49′00″
-20°50′00″
-20°51′00″
-20°52′00″
-20°53′00″
T5
SLWA1
SLWA2
SLWB4
SLWC5
SLWB3
SLWC4
SLWD4
SLWA3
SLWB2
SLWC3
SLWD3
SLWE3
SLWA4
SLWB1
SLWC2
SLWD2
SLWE2
SLWC1
SLWD1
SLWE1
Inner
western rim
Outer western rim
22:29:25
22:29:20
22:29:15
22:29:10
22:29:05
Right Ascension (J2000)

(a)


CO rotational diagrams
T_rot~32± 2 K
N(CO)~(12±1)x10^14 cm^-2
T_rot~22± 2 K
N(CO)~(8±1)x10^14 cm^-2
ln(N_u/g_u)
E_u (K)
SLWC4
SLWC5
SLWB2
SLWD1
SLWC2
SLWD3
SLWC3

(b)


CO line intensities
T_k~33 K
n(H_2)~6x10^5 cm^-3
T_k~23 K
n(H_2)~3x10^5 cm^-3
Intensity (10^-10 W m^-2 sr^-1)
Frequency (GHz)
SLWC4
SLWC5
SLWB2
SLWD1
SLWC2
SLWD3
SLWC3

(c)