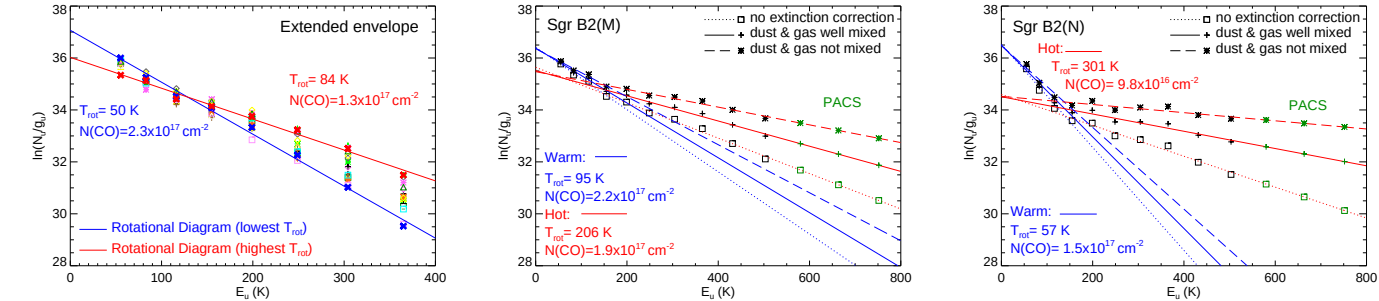
Extended envelope
T_rot= 84 K
N(CO)=1.3x10^17 cm^-2
T_rot= 50 K
N(CO)=2.3x10^17 cm^-2
Rotational Diagram (lowest T_rot)
Rotational Diagram (highest T_rot)
ln(N_u/g_u)
E_u (K)
(a)
Sgr B2(M)
no extinction correction
dust & gas well mixed
dust & gas not mixed
PACS
Warm:
T_rot= 95 K
N(CO)=2.2x10^17 cm^-2
Hot:
T_rot= 206 K
N(CO)=1.9x10^17 cm^-2
ln(N_u/g_u)
E_u (K)
(b)
Sgr B2(N)
no extinction correction
dust & gas well mixed
dust & gas not mixed
PACS
Hot:
T_rot= 301 K
N(CO)= 9.8x10^16 cm^-2
Warm:
T_rot= 57 K
N(CO)= 1.5x10^17 cm^-2
ln(N_u/g_u)
E_u (K)
(c)