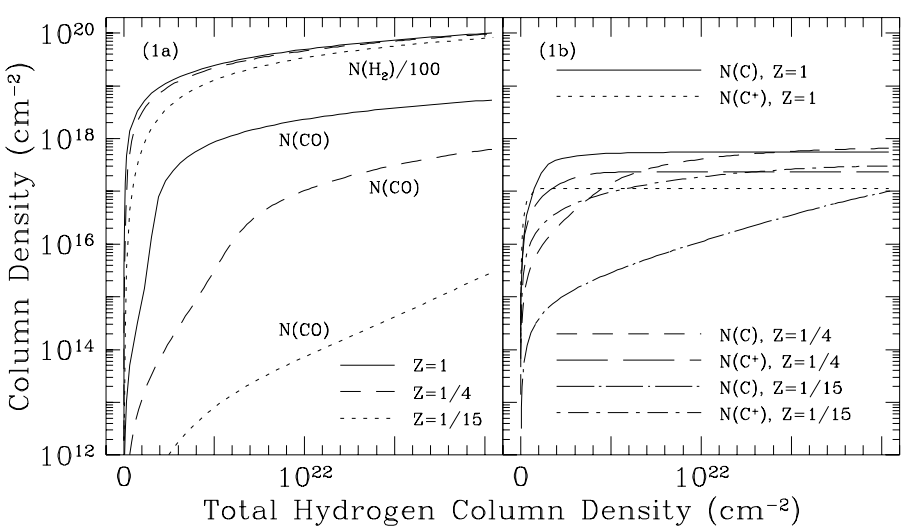
(1a)
(1b)
$N(H_2)/100$
N(CO)
N(CO)
N(CO)
Z=1
Z=1/4
Z=1/15
N(C), Z=1
N(C⁺), Z=1
N(C), Z=1/4
N(C⁺), Z=1/4
N(C), Z=1/15
N(C⁺), Z=1/15
10^{20}
10^{18}
10^{16}
10^{14}
10^{12}
0
10^{22}
0
10^{22}
Column Density (cm^{-2})
Total Hydrogen Column Density (cm^{-2})