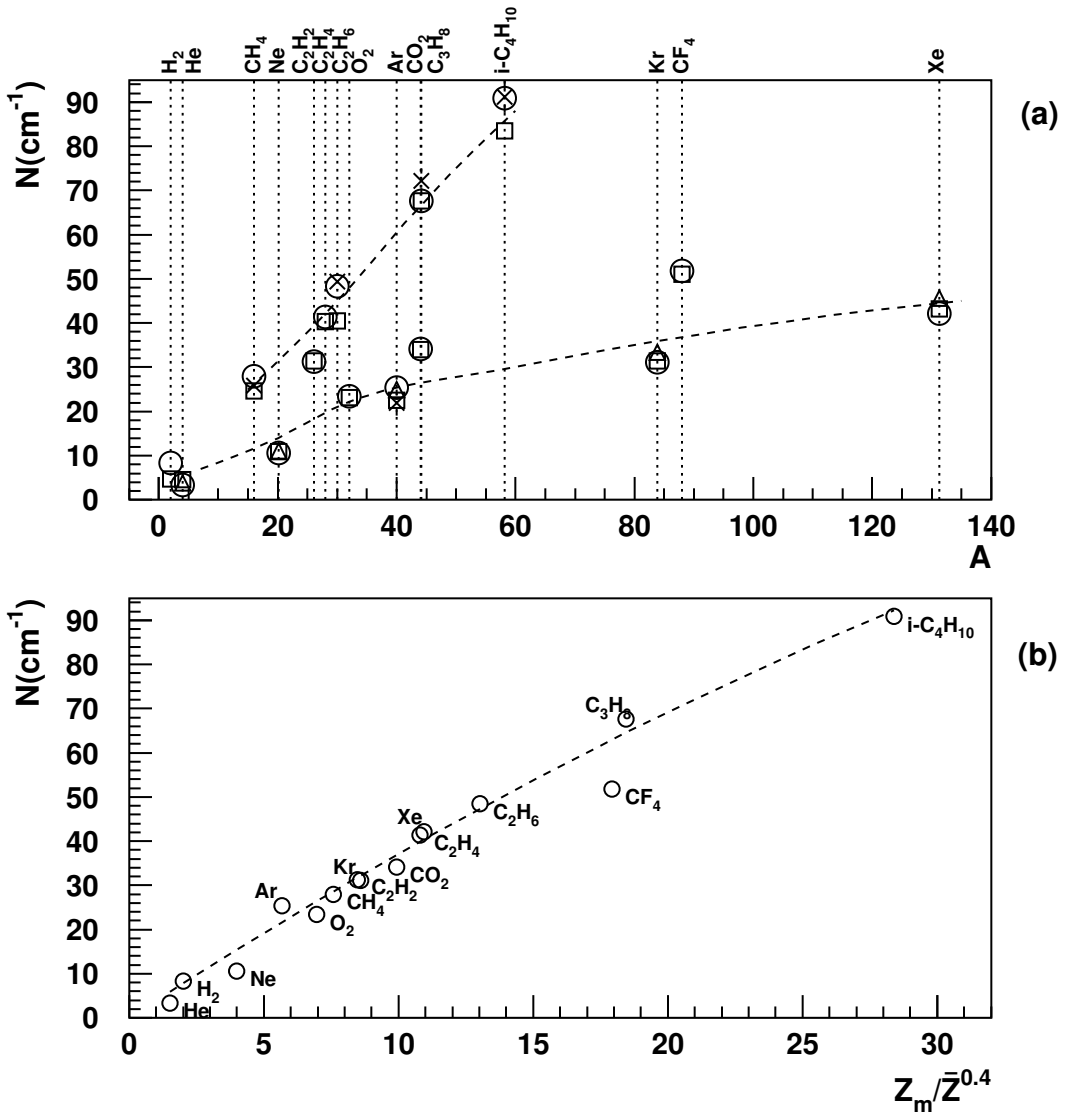
(a)
N(cm^{-1})
A
H_2
He
CH_4
Ne
C_2H_2
C_2H_4
C_2H_6
O_2
Ar
CO_2
C_3H_8
i-C_4H_{10}
Kr
CF_4
Xe
(b)
N(cm^{-1})
$Z_m/\bar{Z}^{0.4}$
i-C_4H_{10}
C_3H_8
CF_4
C_2H_6
Xe
C_2H_4
Kr
CO_2
C_2H_2
Ar
CH_4
O_2
Ne
H_2
He