Species Tag: 28009  Name: CO+  
Version: 1  Carbon monoxide cation,  
Date: Jan. 1996  X 2Σ+  
Contributor: J. C. Pearson

Lines Listed: 88  Q(300.0)= 212.736
Freq. (GHz) < 3520  Q(225.0)= 159.717
Max. J: 30  Q(150.0)= 106.685
LOGSTR0= -8.0  Q(75.00)= 53.670
LOGSTR1= -8.0  Q(37.50)= 27.174
Isotope Corr.: 0.0  Q(18.75)= 13.935
Egy. (cm$^{-1}$) > 0.0  Q(9.375)= 7.333
$\mu_a =$ 1.0  A=
$\mu_b =$  B= 58983.0.
$\mu_c =$  C=

The experimental measurements were reported by K. V. Sastry, P. Helminger, E. Herbst and F. C. De Lucia, 1981, Astrophys. J. 250, L91. The dipole moment has not been measured so unit dipole was used in the calculation.