Species Tag:	28009	Name:	CO+
Version:	1		Carbon monoxide cation,
Date:	Jan. 1996		X $^2\Sigma^+$
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.