

Species Tag:	30001	Name:	CO-18
Version:	3		Carbon monoxide,
Date:	Aug. 1997		<sup>18</sup> O isotope
Contributor:	H. S. P. Müller		

Lines Listed:	60	Q(300.0)=	114.292
Freq. (GHz) <	6444	Q(225.0)=	85.788
Max. J:	60	Q(150.0)=	57.294
LOGSTR0=	-16.5	Q(75.00)=	28.810
LOGSTR1=	-16.5	Q(37.50)=	14.574
Isotope Corr.:	-2.690	Q(18.75)=	7.461
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	3.912
$\mu_a$ =	0.11079	A=	
$\mu_b$ =		B=	54891.420
$\mu_c$ =		C=	

The experimental measurements were reported by (1) M. Winnewisser, B. P. Winnewisser, and G. Winnewisser, in 1985, "Molecular Astrophysics, Series C" (G. H. F. Dierksen, W. F. Huebner, and P. W. Langhoff, Eds.), Vol. 157, pp. 375 – 402. Reidel, Dordrecht. The dipole moment and dipole centrifugal corrections are taken from (2) D. Goorvitch, 1994, *Astrophys. J. Suppl.* **95**, 535. Additional rotational lines up to R(60) from (2) were included in the fit.