

Species Tag:	29001	Name:	C-13-O
Version:	3		Carbon monoxide,
Date:	Aug. 1997		¹³ C isotope
Contributor:	H. S. P. Müller		

Lines Listed:	60	Q(300.0)=	113.858
Freq. (GHz) <	6468	Q(225.0)=	85.463
Max. J:	60	Q(150.0)=	57.077
LOGSTR0=	-16.5	Q(75.00)=	28.702
LOGSTR1=	-16.5	Q(37.50)=	14.520
Isotope Corr.:	-1.955	Q(18.75)=	7.434
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	3.899
μ_a =	0.11046	A=	
μ_b =		B=	55101.011
μ_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.