

Species Tag:	49001	Name:	O3-sym-O-17
Version:	2		Ozone,
Date:	Mar. 1995		symmetric ¹⁷ O isotope
Contributor:	E. A. Cohen		

Lines Listed:	26092	Q(300.0)=	20803.525
Freq. (GHz) <	4603	Q(225.0)=	13507.522
Max. J:	76	Q(150.0)=	7352.785
LOGSTR0=	-8.5	Q(75.00)=	2605.615
LOGSTR1=	-8.0	Q(37.50)=	928.081
Isotope Corr.:	-3.432	Q(18.75)=	334.464
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	123.884
μ_a =		A=	102351.
μ_b =	0.5337	B=	13350.8
μ_c =		C=	11781.7

The spectra are from E. A. Cohen, K. W. Hillig II, and H. M. Pickett, 1995, J. Mol. Struct. **352/353**, 273. The calculation fixes centrifugal distortion constants beyond the sextic terms to those of the parent species with the exception of the coefficients of P_a^{2n} which are assumed to be proportional to A^n . The dipole moment was assumed to be the same as for the parent species, however centrifugal corrections have not been applied. Where several experimental lines have the same frequency, the uncertainties refer to the center of a blended feature, not to the individual components.