Species Tag:	58001	Name:	CCS-34
Version:	1		Dicarbon monosulfide
Date:	Nov. 1993		$CC^{34}S$, X $^3\Sigma^-$
Contributor:	E. A. Cohen		
Lines Listed:	565	Q(300.0)=	2907.635
Freq. (GHz) <	1988	Q(225.0)=	2167.408
Max. J:	99	Q(150.0)=	1427.520
LOGSTR0=	-8.0	Q(75.00)=	688.832
LOGSTR1=	-8.0	Q(37.50)=	321.694
Isotope Corr.:	-1.376	Q(18.75)=	141.864
Egy. (cm^{-1}) >	0.0	Q(9.375)=	57.635
μ_a =	2.9	A=	
μ_b =		B=	6335.88385(35)
μ_c =		C=	

The measurements were taken from S. Yamamoto *et al.*, 1990, Astrophys. J. **361**, 318. The dipole moment was quoted in this paper from an *ab initio* calculation by A. Murakami. The relative weights of the reported measurements have been chosen to reproduce the molecular parameters in the referenced paper. An assigned uncertainty of 20 kHz for a line given unit weight in the paper produces approximately the same 1σ uncertainties for calculated transitions as reported in the reference. Note that N is not a good quantum number and that in this calculation the naming of the $N_J = 2_1$ and 0_1 is the reverse of that in the reference.