

Species Tag:	50001	Name:	S-34-O
Version:	1		X $^3\Sigma$
Date:	Dec. 1979		$^{34}\text{S}$ isotope
Contributor:	H. M. Pickett		

Lines Listed:	280	Q(300.0)=	866.962
Freq. (GHz) <	2934	Q(225.0)=	644.614
Max. J:	49	Q(150.0)=	422.669
LOGSTR0=	-6.0	Q(75.00)=	201.326
LOGSTR1=	-7.5	Q(37.50)=	92.045
Isotope Corr.:	-1.376	Q(18.75)=	39.555
Egy. ( $\text{cm}^{-1}$ ) >	0.0	Q(9.375)=	16.147
$\mu_a$ =	1.55	A=	
$\mu_b$ =		B=	21102.72
$\mu_c$ =		C=	

The calculational method is described in T. Amano and E. Hirota, 1974, J. Mol. Spect. **53**, 346. The data used were reported in E. Tiemann, 1974, J. Phys. Chem. Ref. Data **3**, 259. Both electric and magnetic dipole transitions are listed in the catalog. The dipole moments were assumed to be the same as for the parent species.