

Species Tag:	44002	Name:	SiO
Version:	2		Silicon monoxide,
Date:	Jan. 1984		²⁸ Si isotope
Contributor:	R. L. Poynter		

Lines Listed:	31	Q(300.0)=	287.210
Freq. (GHz) <	1342	Q(225.0)=	215.874
Max. J:	31	Q(150.0)=	144.344
LOGSTR0=	-3.4	Q(75.00)=	72.327
LOGSTR1=	-1.7	Q(37.50)=	36.325
Isotope Corr.:	-0.035	Q(18.75)=	18.332
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	9.339
μ_a =	3.098	A=	
μ_b =		B=	21711.967
μ_c =		C=	

The experimental data were taken from T. Törring, 1968, Z. Naturforsch. **23a**, 77, and E. L. Manson, W. W. Clark, F. C. De Lucia, and W. Gordy, 1977, Phys. Rev. **A15**, 223. The dipole moment was reported by W. A. Raymonda, J. S. Muentner, and W. A. Klemperer, 1970, J. Chem. Phys. **52**, 3458.