

Species Tag:	42010	Name:	SiN
Version:	1		$^2\Sigma^+$ State
Date:	Jan. 1996		
Contributor:	J. C. Pearson		

Lines Listed:	614	Q(300.0)=	1715.9354
Freq. (GHz) <	1780	Q(225.0)=	1290.9121
Max. J:	40	Q(150.0)=	861.5120
LOGSTR0=	-10.0	Q(75.00)=	431.6578
LOGSTR1=	-8.0	Q(37.50)=	216.8063
Isotope Corr.:	-0.035	Q(18.75)=	109.4063
Egy. ( $\text{cm}^{-1}$ ) >	0.0	Q(9.375)=	55.7288
$\mu_a =$	1.0	A=	
$\mu_b =$		B=	21827.8
$\mu_c =$		C=	

The experimental measurements were reported by S. Saito, Y. Endo and E. Hirota, 1983, J. Chem. Phys. **78**, 6447. The dipole moment has not been measured so unit dipole was used in the calculation.