

Species Tag:	50008	Name:	C3N
Version:	1		Cyanoethynyl,
Date:	Apr. 1995		X $^2\Sigma^+$
Contributor:	M. L. Delitsky		
	H. M. Pickett		
Lines Listed:	1349	Q(300.0)=	7582.4199
Freq. (GHz) <	986.5	Q(225.0)=	5688.9037
Max. J:	99	Q(150.0)=	3793.0183
LOGSTR0=	-8.0	Q(75.00)=	1897.3279
LOGSTR1=	-100	Q(37.50)=	949.6199
Isotope Corr.:		Q(18.75)=	475.8020
Egy. ( $\text{cm}^{-1}$ ) >	0.0	Q(9.375)=	238.9055
$\mu_a =$	2.200	A=	
$\mu_b =$		B=	4947.6
$\mu_c =$		C=	

The observed lines are from: M. Guelin *et al.*, 1982, *Astron. Astrophys.* **109**, 23.  
C. A. Gottlieb *et al.*, 1983, *Astrophys.J.* **275**, 916.

The dipole moment is from M. Guelin *et al.*, above.