

Species Tag:	56001	Name:	CH3CH2C-13-N
Version:	2		Ethyl cyanide,
Date:	Jan. 1981		¹³ C isotope on atom 1
Contributor:	R. L. Poynter		

Lines Listed:	1183	Q(300.0)=	112460.531
Freq. (GHz) <	530	Q(225.0)=	71285.328
Max. J:	10	Q(150.0)=	39774.051
LOGSTR0=	-9.0	Q(75.00)=	12659.013
LOGSTR1=	-8.2	Q(37.50)=	4620.618
Isotope Corr.:	-1.955	Q(18.75)=	1414.165
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	654.486
μ_a =	3.84	A=	27634.94
μ_b =	1.37	B=	4689.805
μ_c =		C=	4214.746

The experimental measurements were analyzed using the methods described in W. H. Kirchhoff, 1972, J. Mol. Spect. **41**, 333, and W. H. Kirchhoff and D. R. Johnson, 1973, J. Mol. Spect. **45**, 159. The measurements were taken from H. M. Heise, H. Lutz, and H. Dreizler, 1973, Z. Naturforsch. **29a**, 1345. The dipole is an approximate value.