

Species Tag:	41005	Name:	CH3CCD
Version:	2		Propyne,
Date:	Jan. 1984		D isotope
Contributor:	R. L. Poynter		on C atom 1

Lines Listed:	822	Q(300.0)=	17190.957
Freq. (GHz) <	623	Q(225.0)=	11168.629
Max. J:	40	Q(150.0)=	6140.446
LOGSTR0=	-7.7	Q(75.00)=	2243.365
LOGSTR1=	-5.2	Q(37.50)=	795.243
Isotope Corr.:	-3.824	Q(18.75)=	290.469
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	113.162
μ_a =	0.77	A=	158590.
μ_b =		B=	7788.170
μ_c =		C=	B

The experimental measurements are from: J. S. Muentner and V. W. Laurie, 1966, J. Chem. Phys. **45**, 855. L. F. Thomas, E. I. Sherrard, and J. Sheridan, 1955, Trans. Faraday. Soc. **51**, 619. C. D. Cogley, L. M. Tack, and S. G. Kukolich, 1982, J. Chem. Phys. **76**, 5669. The dipole moment was taken from Muentner and Laurie, above.