

Species Tag:	61003	Name:	C5H
Version:	1		2,4-Pentadiynylidyne
Date:	Jan. 1996		X $^2\Pi$ states
Contributor:	J. C. Pearson		

Lines Listed:	2594	Q(300.0)=	19320.9749
Freq. (GHz) <	1343	Q(225.0)=	14461.6754
Max. J:	99	Q(150.0)=	9365.1357
LOGSTR0=	-10.0	Q(75.00)=	4259.8111
LOGSTR1=	-10.0	Q(37.50)=	1828.1797
Isotope Corr.:		Q(18.75)=	760.1560
Egy. (cm^{-1}) >	0.0	Q(9.375)=	338.6917
μ_a =	4.881	A=	
μ_b =		B=	2395.1
μ_c =		C=	

The observed lines are from: C. A. Gottlieb, E. W. Gottlieb and P. Thaddeus, 1986, *Astron. Astrophys.* **164**, L5. J. Cernicharo, M. Guelin and C. M. Walmsley, 1987, *Astron. Astrophys.* **172**, L5. C. A. Gottlieb, J. C. Pearson, D. R. Woodward and P. Thaddeus, 1988, Private Communication.

The dipole was calculated by D. E. Woon, 1995, Private Communication.