

Species Tag:	49003	Name:	C4H
Version:	1		Butadiynyl radical,
Date:	Apr. 1995		X $^2\Sigma^+$
Contributor:	M. L. Delitsky		
	H. M. Pickett		
Lines Listed:	742	Q(300.0)=	5255.5819
Freq. (GHz) <	920.	Q(225.0)=	3943.3827
Max. J:	98	Q(150.0)=	2629.1571
LOGSTR0=	-8.0	Q(75.00)=	1315.0879
LOGSTR1=	-100	Q(37.50)=	658.1711
Isotope Corr.:	0.0	Q(18.75)=	329.7433
Egy. (cm^{-1}) >	0.0	Q(9.375)=	165.5392
$\mu_a =$	0.900	A=	
$\mu_b =$		B=	4758.6
$\mu_c =$		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 C.A.
Olano *et al.*, 1988, *Astron. Astrophys.* **196**, 194.