

Species Tag:	25001	Name:	CCH
Version:	1		Ethynyl, X $^2\Sigma$
Date:	Mar. 1983		
Contributor:	H. M. Pickett		

Lines Listed:	114	Q(300.0)=	574.249
Freq. (GHz) <	2351	Q(225.0)=	430.923
Max. J:	28	Q(150.0)=	287.674
LOGSTR0=	-5.0	Q(75.00)=	144.477
LOGSTR1=	-4.0	Q(37.50)=	72.912
Isotope Corr.:	0	Q(18.75)=	37.145
Egy. ( $\text{cm}^{-1}$ ) >	0.0	Q(9.375)=	19.284
$\mu_a =$	0.8	A=	
$\mu_b =$		B=	43674.534
$\mu_c =$		C=	

The spectral data and Hamiltonian are from C. A. Gottlieb, E. W. Gottlieb, and P. Thaddeus, 1983, *Astrophys. J.* **264**, 740–745. The dipole moment is an assumed value.