

Species Tag:	28008	Name:	HCNH+
Version:	1		Amidogen ion,
Date:	Dec. 1995		protonated HCN
Contributor:	M. L. Delitsky		

Lines Listed:	74	Q(300.0)=	169.0989
Freq. (GHz) <	5406	Q(225.0)=	126.8938
Max. J:	74	Q(150.0)=	84.6981
LOGSTR0=	-100.0	Q(75.00)=	42.5123
LOGSTR1=	-100.0	Q(37.50)=	21.4241
Isotope Corr.:	0.0	Q(18.75)=	10.8833
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	5.6181
$\mu_a$ =	0.3	A=	
$\mu_b$ =		B=	37055.7526
$\mu_c$ =		C=	

The experimental frequency measurements and dipole moment were taken from M. Bogey, C. Demuyne, and J. L. Destombes, 1985, *J. Chem. Phys.* **83**, 3703. Other calculations for dipole moments are mentioned in T. J. Lee and H. F. Schaefer, 1984, *J. Chem. Phys.* **80**, 2977.