

Species Tag:	54004	Name:	CH2CDCN
Version:	2		Acrylonitrile,
Date:	Dec. 1996		Deuterium isotope
Contributor:	H. S. P. Müller		on atom 2

Lines Listed:	6381	Q(300.0)=	29776.887
Freq. (GHz) <	800	Q(225.0)=	19346.390
Max. J:	70	Q(150.0)=	10523.606
LOGSTR0=	-8.5	Q(75.00)=	3718.695
LOGSTR1=	-5.0	Q(37.50)=	1315.326
Isotope Corr.:	-3.824	Q(18.75)=	465.793
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	165.282
μ_a =	3.815	A=	40196.55
μ_b =	0.894	B=	4934.352
μ_c =		C=	4388.387

The measurements were taken from J. M. Colmont, G. Wlodarczak, D. Priem, H. S. P. Müller, E. H. Tien, R. J. Richards, and M. C. L. Gerry, 1997, J. Mol. Spectrosc. **181**, 330. The dipole moment was assumed to be the same as for the parent species.