

Species Tag:	52005	Name:	DCCCN
Version:	1		Cyanoacetylene,
Date:	Dec. 1979		deuterium isotope
Contributor:	R. L. Poynter		

Lines Listed:	156	Q(300.0)=	4443.243
Freq. (GHz) <	835	Q(225.0)=	3332.729
Max. J:	99	Q(150.0)=	2222.287
LOGSTR0=	-6.7	Q(75.00)=	1111.732
LOGSTR1=	-4.2	Q(37.50)=	556.288
Isotope Corr.:	-3.824	Q(18.75)=	278.612
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	139.830
$\mu_a$ =	3.724	A=	
$\mu_b$ =		B=	4221.58
$\mu_c$ =		C=	

The set of experimental lines used in the calculation was obtained from the references in W. J. Lafferty and F. J. Lovas, 1978, J. Phys. Chem. Ref. Data **7**, 441. The dipole moment was assumed to be the same as for the parent molecule.