

Species Tag:	32007	Name:	DNO
Version:	1		Nitrosylhydride,
Date:	Feb. 1996		X ¹ A',
Contributor:	J. C. Pearson		deuterium isotope

Lines Listed:	14739	Q(300.0)=	4060.4046
Freq. (GHz) <	9500	Q(225.0)=	2646.0465
Max. J:	30	Q(150.0)=	1441.7924
LOGSTR0=	-8.0	Q(75.00)=	511.1894
LOGSTR1=	-8.0	Q(37.50)=	181.9931
Isotope Corr.:	-3.824	Q(18.75)=	65.2955
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	23.8962
μ_a =	1.18	A=	315497.2
μ_b =	1.22	B=	38735.0
μ_c =		C=	34350.7

The observed lines are from: K. Takagi and S. Saito, 1972, J. Mol. Spect. **44**, 81.
 K.V.L.N. Sastry, P. Helminger, G. M. Plummer, E. Herbst and F. C. De Lucia, 1984,
 Astrophys. J. Suppl. **55**, 563.

The dipole was measured by Takagi and Saito. The H_K constant was fixed to
 the IR/microwave/electronic value of J. W. C. Johns, A. R. W. McKeller and E.
 Weinberger, 1983, Can. J. Phys. **61**, 1106.