

Species Tag:	34005	Name:	SD
Version:	1	$nu=0,1$	
Date:	Jan. 1997	$^2\Pi_i$ State	
Contributor:	J. C. Pearson	Deuterium isotope	
Lines Listed:	1125	$Q(300.0)=$	313.6878
Freq. (GHz) <	9999	$Q(225.0)=$	223.5794
Max. J:	33	$Q(150.0)=$	114.5516
LOGSTR0=	-14.0	$Q(75.00)=$	76.5070
LOGSTR1=	-12.0	$Q(37.50)=$	44.8539
Isotope Corr.:	-0.022	$Q(18.75)=$	30.2154
Egy. (cm^{-1}) >	0.0	$Q(9.375)=$	24.8860
$\mu_a =$	0.7571	A=	
$\mu_b =$		B=	146885.3
$\mu_c =$		C=	

The data were taken from: E. Klisch, Th. Klaus, S. P. Belov, A. Dolgner, R. Schieder, G. Winnewisser and E. Herbst, 1996, *Astrophys. J.* **473**, 1118, W. L. Meerts and A. Dymanus, 1975, *Can. J. Phys.* **53**, 2123. The ground state A value was fixed to the electronic value of D. Zeitz, W. Bohle, J Werner, A. Hinz and W. Urban, 1985, *Mol. Phys.* **54**, 953.

The dipole moment is from W. L. Meerts and A. Dymanus, 1975, *Can. J. Phys.* **53**, 2123.