Species Tag:	8002	Name:	Li6D
Version:	2		Lithium deuteride,
Date:	Jan. 2010		⁶ Li, ² H isotopes
Contributor:	B.J. Drouin		$\nu = 0, 1$
Lines Listed:	80	Q(300.0) =	28.137
Freq. $(GHz) <$	9848	Q(225.0) =	21.127
Max. J:	40	Q(150.0) =	14.174
LOGSTR0 =	-20	Q(75.00) =	7.249
LOGSTR1 =	-100	Q(37.50) =	3.804
Isotope Corr.:	-1.13	Q(18.75) =	2.101
Egy. $(cm^{-1}) >$	0	Q(9.375) =	1.299
$\mu_a =$	5.882	A=	
$\mu_b =$		B=	226633.2
$\mu_c =$		C=	

The line frequencies were taken from: Bellini, et al., 1994, Astrophys. J. 424, 507, and Plummer, Herbst and DeLucia, 1984, J. Chem. Phys. 81, 4893, Maki, Olson and Thompson, 1990, J. Mol. Spect. 144, 257, M. Dulick, K.-Q. Zhang, B. Guo, and P. F. Bernath J. Molec. Spectrosc. 188(1), 14-26 (1998). Five lines from Dulick et al. with large measured - calculated residuals were excluded from the analysis.

The dipole moment is from L. Warton, L. P. Gold and W. Klemperer, 1960, J. Chem. Phys. **33**, 1255. It has been assumed to be the same for all isotopomers.