

Species Tag:	41008	Name:	CaH
Version:	1		X ² Σ ⁺ state
Date:	Mar. 1995		⁴⁰ Ca isotope
Contributor:	H. M. Pickett		

Lines Listed:	387	Q(300.0)=	199.434
Freq. (GHz) <	9726	Q(225.0)=	149.727
Max. J:	36	Q(150.0)=	100.161
LOGSTR0=	-16.6	Q(75.00)=	50.711
LOGSTR1=	-19.4	Q(37.50)=	26.044
Isotope Corr.:	-0.0137	Q(18.75)=	13.753
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	7.693
μ _a =	1.0	A=	
μ _b =		B=	126772.9
μ _c =		C=	

The rotational data are from C. I. Frum, J. J. Oh, E. A. Cohen, and H. M. Pickett, 1993, Ap. J. **408**, L61-64. These data were fitted with vibrational data from C. I. Frum and H. M. Pickett, 1993, J. Mol. Spect. **159**, 329-336. The dipole moment used is arbitrary.