pi	nu 0	e	h bar	m sub e	a0	c	mp						
3.1415927E+00	1.2566371E-06	1.6021892E-19	1.0545888E-34	9.1095345E-31	5.2917706E-11	2.9979246E+08	1.6726486E-27						
	epsilon 0	uB	eV/cm^-1		aH		md						
	8.85E-12	9.27E-24	0.000123985		5.29465E-11		3.3435860E-27						
			H2O Exp										
					aD								
					5.29321E-11								
a (m)	b (m)	c' (m)	2c' (m)	eccentricity									
2.25082E-10	2.06691E-10	8.91097E-11	1.78219E-10	0.39590	NA								
4.25343	3.90590	1.68393	3.36786		6.0221415E+23								
1													
1.5													
0.666666667													
	Ve (eV)	Vp (eV)	T (eV)	Vm (eV)	Et (eV)								
	-20.30177	16.15958	2.38652	-1.19326	-2.94892								
Evib H2O (eV)													
0.03263													
	w (s-1)	EK (eV)											
	6.55917E+15	4.31736											
						Geometric Parameters							
						H2O 2c'							
				r delta+ to delta -		0.97157							
				2.04358E-10		Exp. H2O 2c'							
	EDoppler (eV)	H2O Eocs (eV)	H2O ET (eV)	Cal. ECoulomb/H2O (eV)		0.970	Ichikawa						
	0.012122	-0.004191	2.94054	2.94055		2c' O…H (Å)							
						1.78219							
						Exp. 2c' O…H (Å)							
						1.78	Eisenberg p. 74 and Ichikawa						
						2c' O…O (Å)							
						2.75377							
kJ/mole/eV						Exp. 2c' O…O (Å)							
1.03641E-02						2.75	Eisenberg p. 74						
kcal/mole/ev						a(l) (Å)							
4.34E-02						4.49768							
						Exp. a(l) (Å)		Exp. a(l) (Å)					
						4.49	Eisenberg p. 85	4.5212	CRC p. 4-151				
						O Distance from Center of Pyramid Base							
						2.59674							
						Pyramid Verticle Height							
OH MO vibration	w(0) (s-1)					0.91662							
u O16-H	7.5871626E+00					Angle of H-bond (radians) from the Verticle							
0.94118	3.7192542E+00					1.23							
k(0)	3.8679083E+00	Evib(0) (eV)				Angle (°) of H-bond from the Verticle							
	4.95679E+13	0.03263				70.56							
						c(l) (Å)							
						7.34077							
						Exp. c(l) (Å)		Exp. c(l) (Å)					
						7.31	Eisenberg p. 83	7.3666	CRC p. 4-151				
						Cal. Bond Angle							
						109.5°							
						Exp. Bond Angle							
						109.5°	Eisenberg p. 85						
						Energy Parameters							
						u (Cm)	density (g/cm^3)	N	U (eV)	U (kJ/mole)	Exp. heat of vaporization (0 °C kJ/mole)		
						5.79898E-30	0.92	3.07798E+28	0.48643	46.934	45.054		
							Eisenberg p. 83						