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	eV/cm^-1			aH		md
	8.85E-12	0.000123985			5.29465E-11		3.3435860E-27
					aD		
					5.29321E-11		
a (Eq. (14.37) (m)	b (Eq. 14.39)) (m)	c' (Eq. 14.8)) (m)	2c (Eq. 14.38)) (m)	eccentricity (Eq. 14.40))			
5.2917706E-11	3.74185E-11	3.74185E-11	7.48369E-11	0.707106781			
1	0.707106781	0.707106781	1.414213562				
	Ve (Eq. (14.41)) (eV	Vp (Eq. (14.42)) (eV)	T (Eq. (14.43)) (eV)	Vm (Eq. (14.44)) (eV)	Et (1st term Eq. (14.16)) (eV)		
Evib H3+ (cm^-1)	-101.7537653	57.72453749	33.9179255	-25.43844412	-35.54974647		
2521.31							
Evib H3+ (eV)							
0.31260516							
Evib D3+ (cm^-1)	w (Eq. (14.20)) (s-1)	EK (Eq. (14.21)) (eV)					
1834.67	5.06326E+16	33.32727909					
Evib D3+ (eV)							
0.227471953							
	EDoppler (Eq. (14.2	H2 Eocs (Eq. (14.24) (e	H3+ ET (Eq. (14.47)) (eV	H3+ ED (Eq. (14.49)) (eV	H3+ ED (Eq. (14.50)) (eV)		
	0.406012632	0.249710053	36.04916658	4.374166576	4.371697576		
		D2 Eocs (Eq. (14.25) (e	D3+ ET (Eq. 14.48)) (eV)	D3+ ED (Eq. (14.52)) (eV	D3+ ED (Eq. (14.53)) (eV)		
		0.292276656	36.13429978	4.374299783	4.373330783		