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
					aD		
			1.0362E-10		5.29321E-11		
a (m)	b (m)	c' (m)	2c' (m)	eccentricity			
7.21136E-11	4.98270E-11	5.21310E-11	1.04262E-10	0.72290			
1.36275	0.94159	0.98513	1.97027				
0.75							
0.712153921							
	Ve (eV)	Vp (eV)	T (eV)	Vm (eV)	Et (eV)		
Evib NH (cm^-1)	-37.85747896	13.81112892	13.89010571	-6.945052855	-31.63544	14.53414	
3282.3						13.605804	
Evib NH (eV)					-31.63537	0.93613	
0.40696					match H2		
						r 7	
Evib ND (cm^-1)	w (s-1)	EK (eV)				0.93084	
2398	3.91850E+16	25.79224					
Evib ND (eV)							
0.29732							
					Emag		
					0.14185		
				-28.13258			
	EDoppler (eV)	NH Eocs (eV)	NH ET (eV)	NH ED (eV)	ED (kcal/mole)	Rel. Error	
	0.31785	0.11437	31.74974	3.47530	80.14372	-0.01617	
		ND Eocs (eV)	ND ET (eV)	ND ED (eV)	ED (kcal/mole)	Rel. Error	
		0.16919	31.80456	3.52556443	81.30277	-0.00345	
				-28.13714			
			angle of intersection				
			-0.416468658				
cm-1/eV			2.000353952				
1.239810E-04			114.611839				
kcal/mole/eV		theta N	65.38816101				
4.336340E-02			1.141238701				
kJ/mole/eV			0.898766341				
1.036410E-02			1.116947525				
		theta H2 MO	63.99637913				
		dH2 MO	0.59747	3.16166E-11			
Do H-NH2	Do D-ND2	dN AO	0.38767	2.05144E-11			
37115	38010						
4.601554815	4.71251781						
ET NH3	ET ND3						
-67.29708422	-67.50533143						
Do H-NH	Do D-ND						
91							
380.744							
3.9460694	3.936243265						
ET NH2	ET ND2						
-49.0970894	-49.18981362						
Do H-N	Do D-N						
	339						
3.42	3.5134						
ET NH	ET ND						
-31.55258	-31.65057035						