

nu 0	e	h bar	m sub e	a0	g	alpha	c	mp
1.2566371E-06	1.60217653E-19	1.05457168E-34	9.1093826E-31	5.291772108E-11	2.0023193043718	7.2973526E-03	2.99792458E+08	1.67262171E-27
		h		aH	epsilon 0			
		6.6260693E-34		5.2946540972E-11	8.854187817E-12			
				e reduced mass				
				9.10442E-31				
	M	N						
	1.74756	6.02E+23						
Lithium								
			BE Li	Be H-				
			5.40381	0.7542				
			8.65786E-19	1.20836E-19				
	U(J)							
	911.1429691	217.768396						
	r0							
	2.33836E-10	4.418860066						
Sodium								
			BE Na	IE H-				
			5.12592	0.7542				
			8.21263E-19	1.20836E-19				
	U(J)							
	864.2875986	206.5696937						
	r0							
	2.44887E-10	4.627692032						
Potassium								
			BE K	IE H-				
			4.32596	0.7542				
			6.93095E-19	1.20836E-19				
	U(J)							
	729.4053711	174.3320677						
	r0							
	2.83449E-10	5.356403041						
Rubidium								
	U(J)		BE Rb	IE H-				
	704.310964	168.3343604	4.17713	0.7542				
	r0		6.6925E-19	1.20836E-19				
	2.92003E-10	5.518061957						
Cesium								

	U(J)		BE Cs	IE H-				
	656.5552096	156.9204612	3.8939	0.7542				
	r0		6.23872E-19	1.20836E-19				
	3.09796E-10	5.85430272						
Potassium H-(1/4)								
			BE K	IE H-				
			4.32596	11.23				
			6.93095E-19	1.79924E-18				
	U(J)							
	729.4053711	174.3320677						
	r0							
	9.25667E-11	1.749257807						