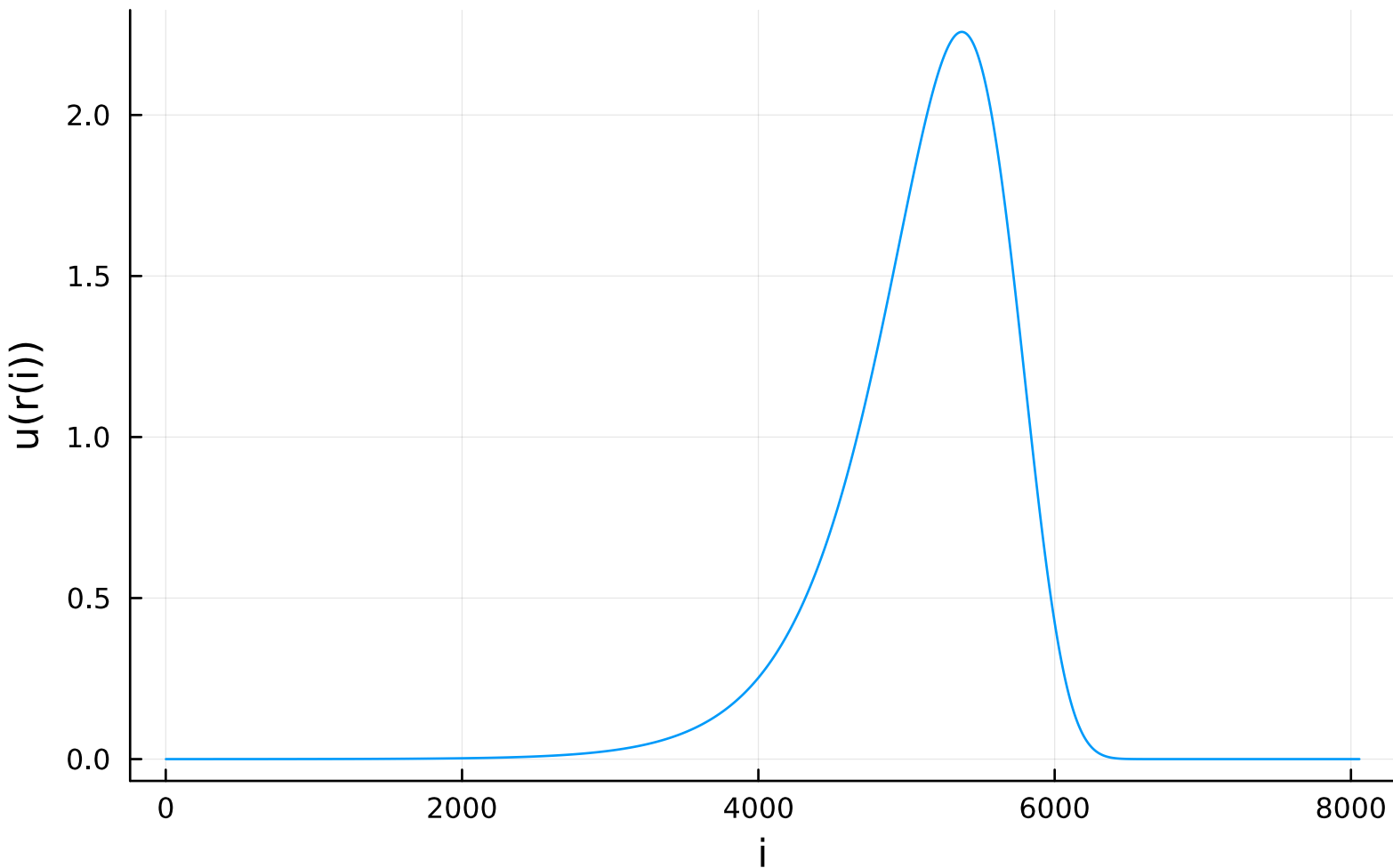
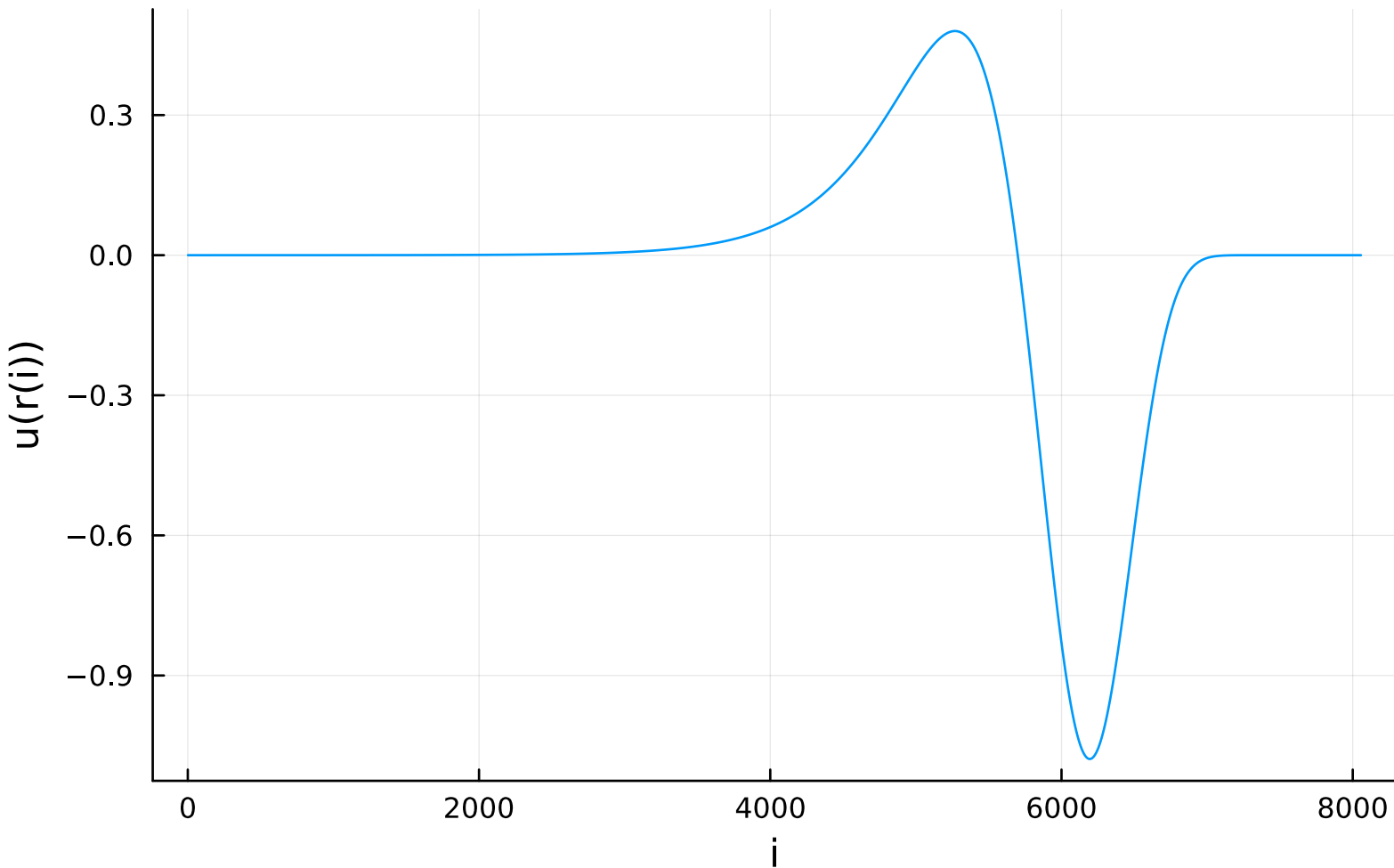


Neon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	65.726488	65.728517	0.002029	0.000031
Etot	-128.233481	-128.233482	0.000001	-0.000000
2s	-1.322809	-1.325197	0.002388	-0.001805
Exc	-11.710430	-11.710741	0.000311	-0.000027
Ekin	127.738667	127.739073	0.000406	0.000003
2p	-0.498034	-0.500392	0.002358	-0.004735
1s	-30.305855	-30.308171	0.002316	-0.000076

Orbital 1s eigen energy -30.3082



Orbital 2s eigen energy -1.3252



Orbital 2p eigen energy -0.5004

