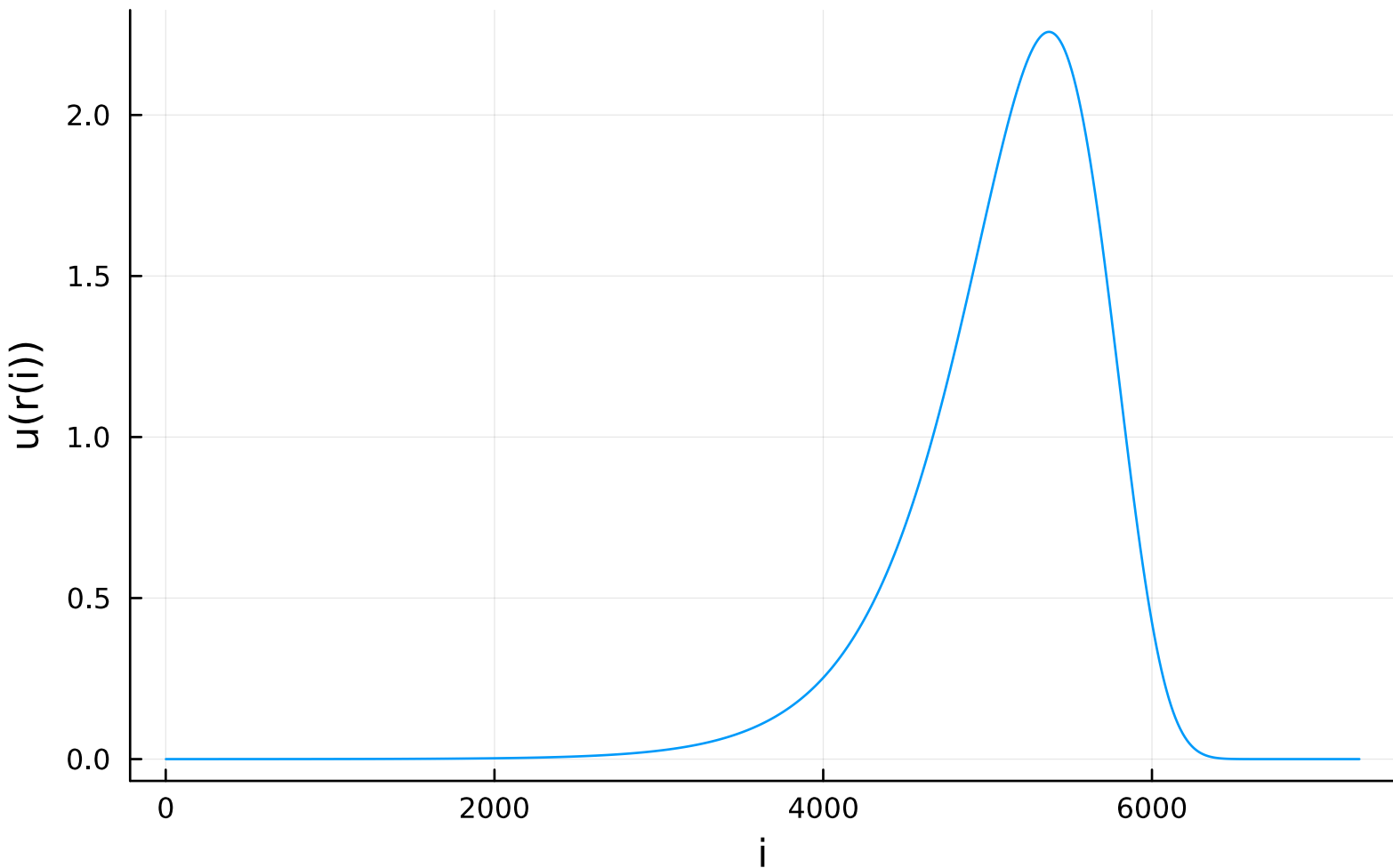
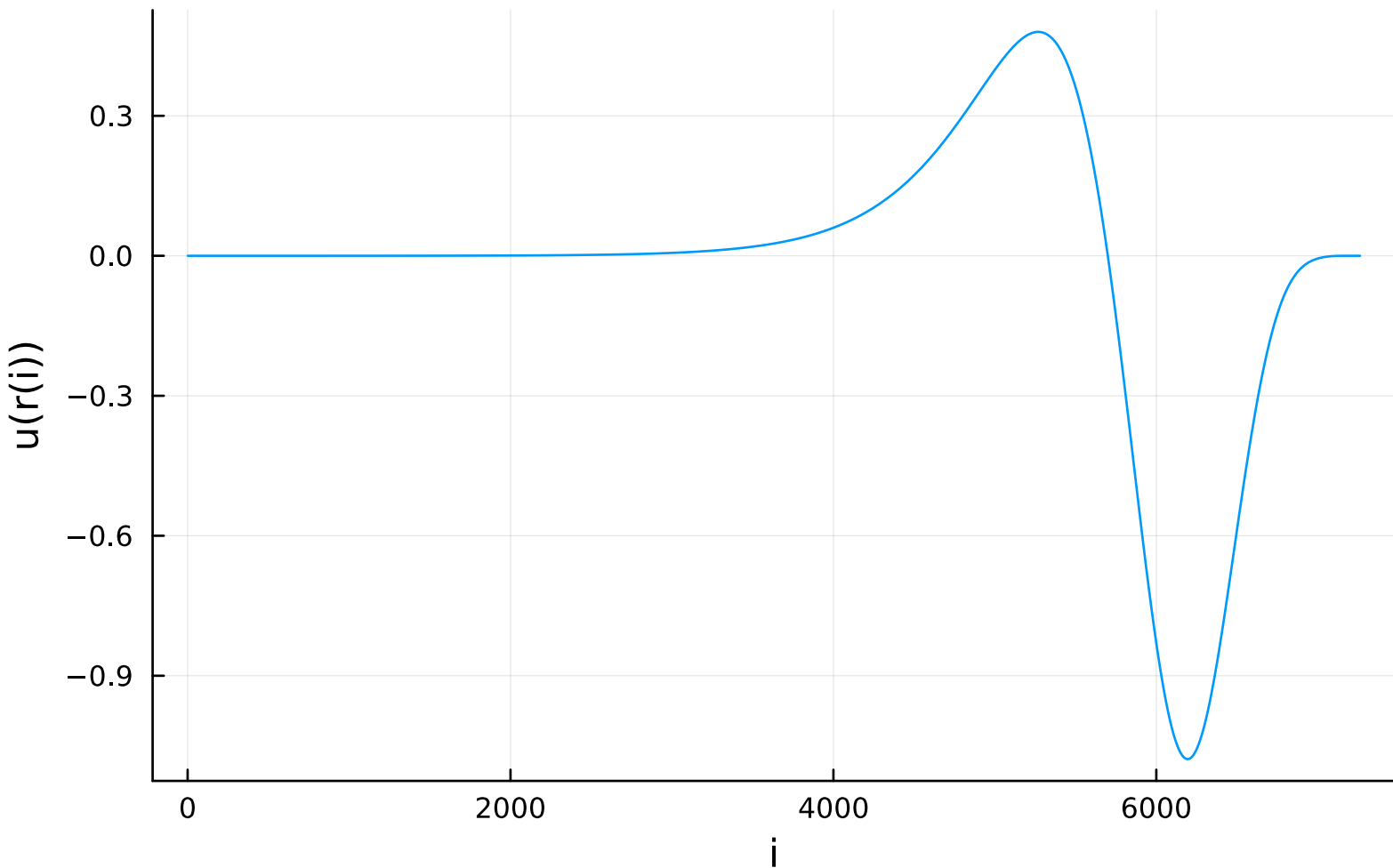


Neon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	65.726488	65.746562	0.020074	0.000305
Etot	-128.233481	-128.232878	0.000603	-0.000005
2s	-1.322809	-1.323534	0.000725	-0.000548
Exc	-11.710430	-11.712744	0.002314	-0.000198
Ekin	127.738667	127.745074	0.006407	0.000050
2p	-0.498034	-0.498683	0.000649	-0.001304
1s	-30.305855	-30.305955	0.000100	-0.000003

Orbital 1s eigen energy -30.3060



Orbital 2s eigen energy -1.3235



Orbital 2p eigen energy -0.4987

