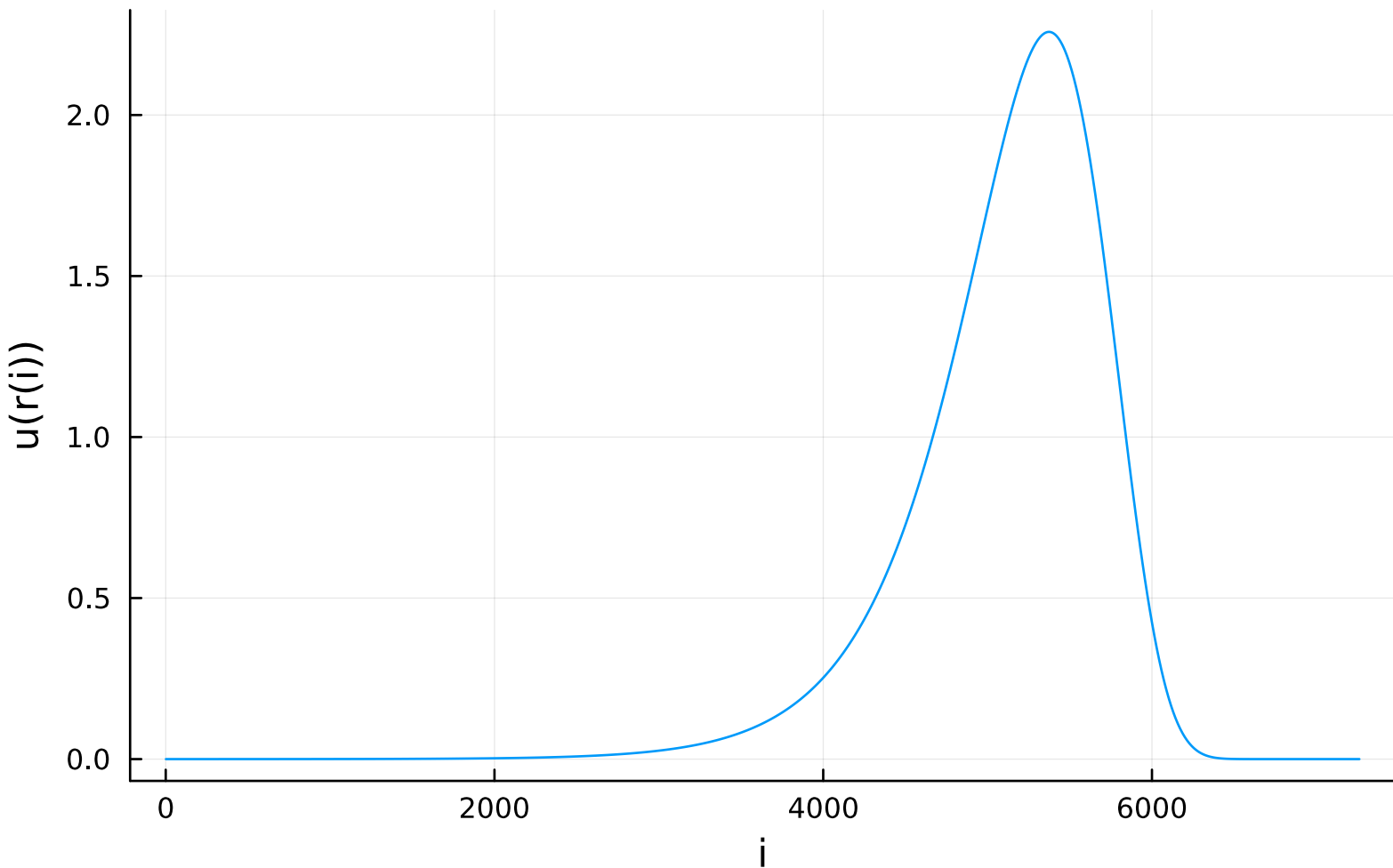
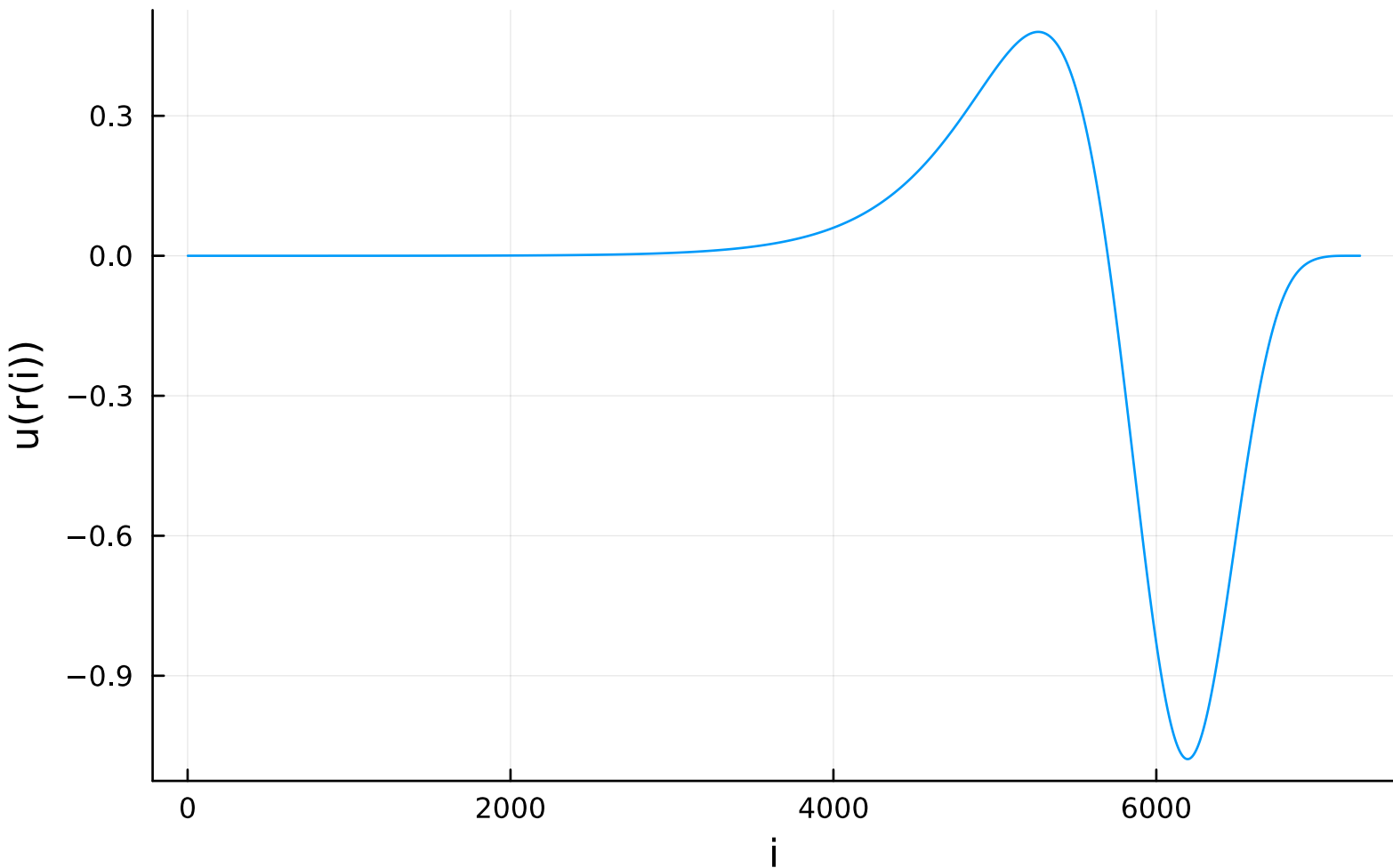


Neon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	65.726488	65.739663	0.013175	0.000200
Etot	-128.233481	-128.232878	0.000603	-0.000005
2s	-1.322809	-1.321646	0.001163	-0.000879
Exc	-11.710430	-11.712052	0.001622	-0.000139
Ekin	127.738667	127.738248	0.000419	0.000003
2p	-0.498034	-0.496813	0.001221	-0.002452
1s	-30.305855	-30.304361	0.001494	-0.000049

# Orbital 1s eigen energy -30.3044



# Orbital 2s eigen energy -1.3216



# Orbital 2p eigen energy -0.4968

