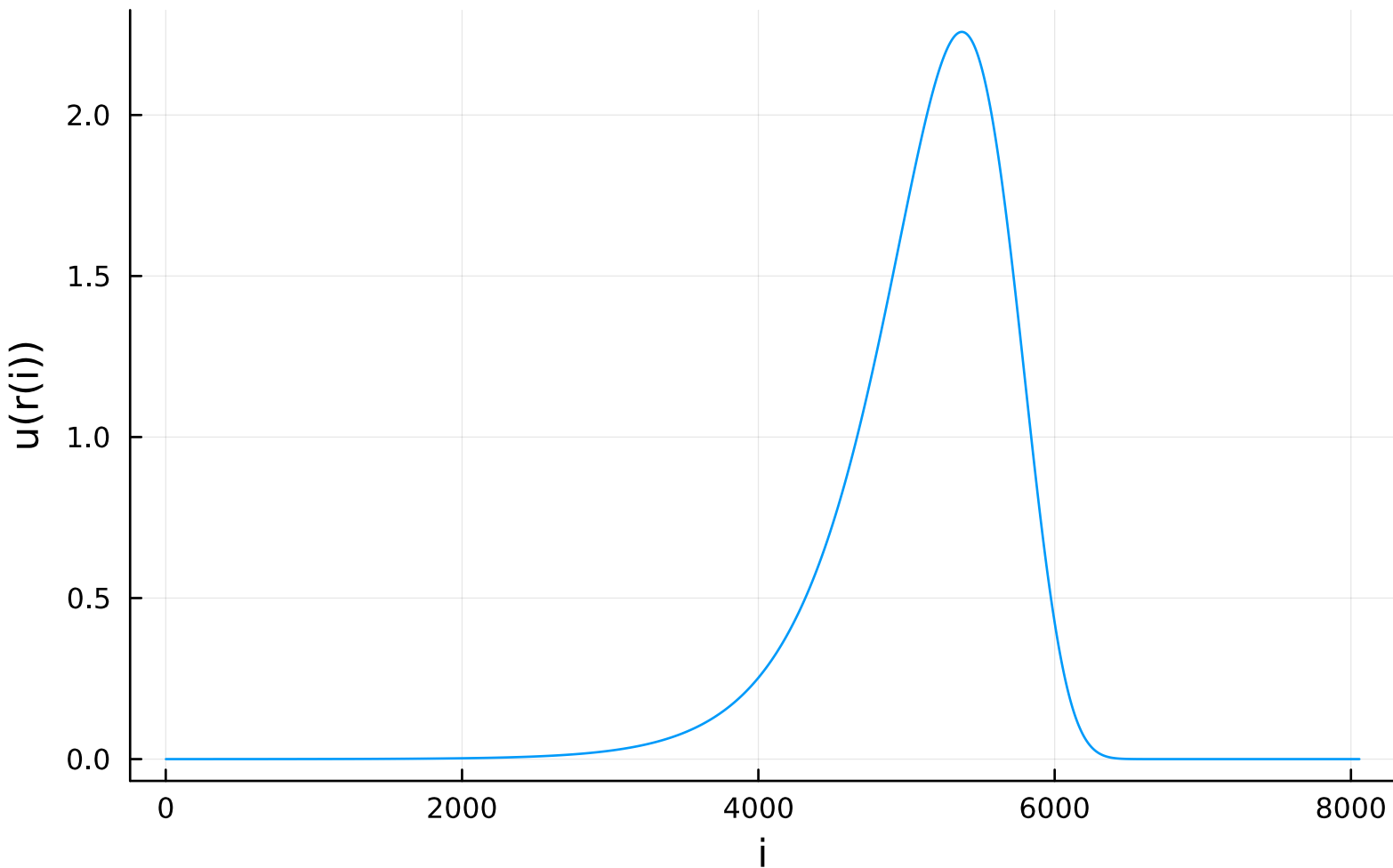
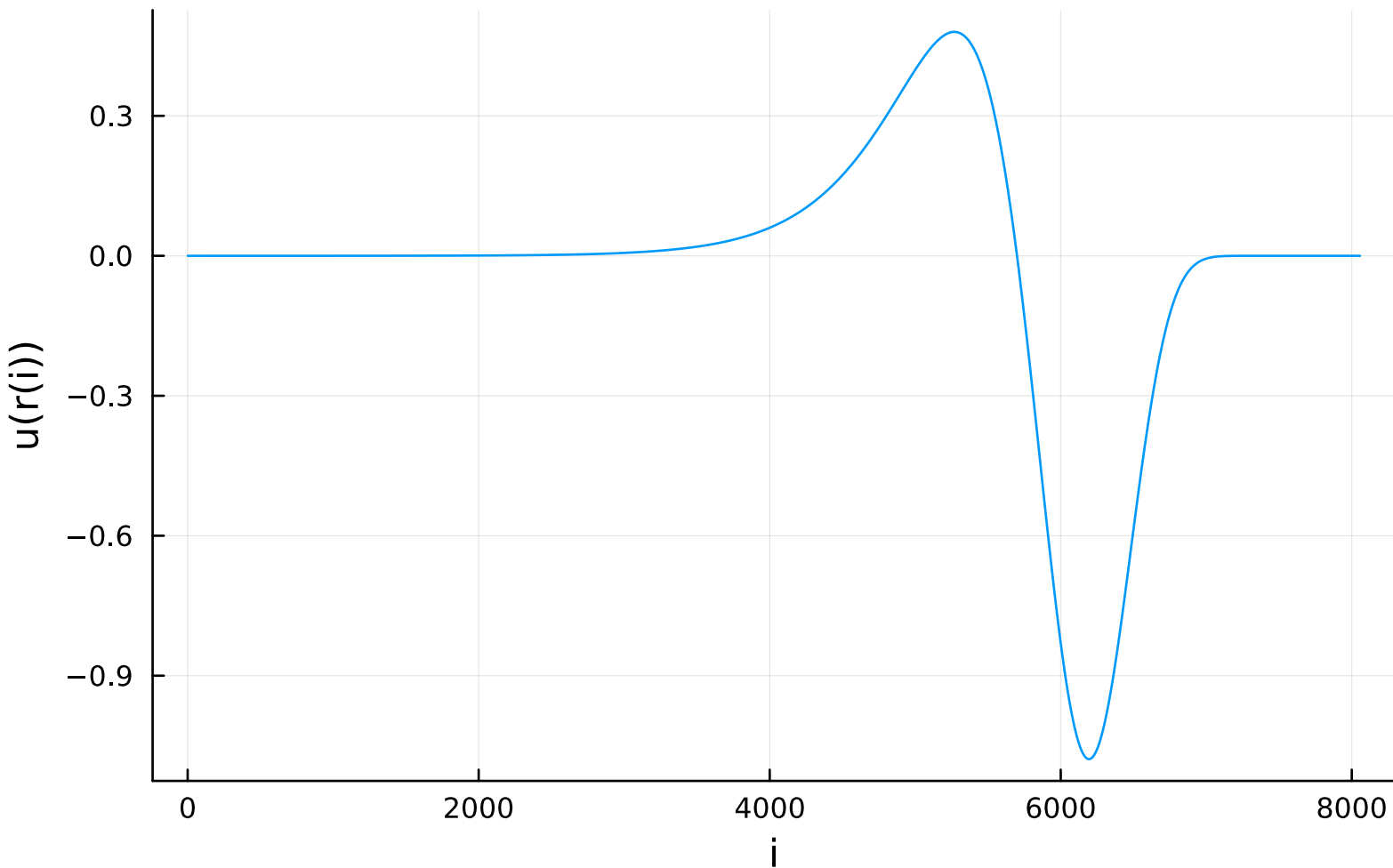


Neon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	65.726488	65.721550	0.004938	0.000075
Etot	-128.233481	-128.233482	0.000001	-0.000000
2s	-1.322809	-1.323314	0.000505	-0.000382
Exc	-11.710430	-11.710041	0.000389	-0.000033
Ekin	127.738667	127.732197	0.006470	0.000051
2p	-0.498034	-0.498527	0.000493	-0.000990
1s	-30.305855	-30.306586	0.000731	-0.000024

# Orbital 1s eigen energy -30.3066



# Orbital 2s eigen energy -1.3233



# Orbital 2p eigen energy -0.4985

