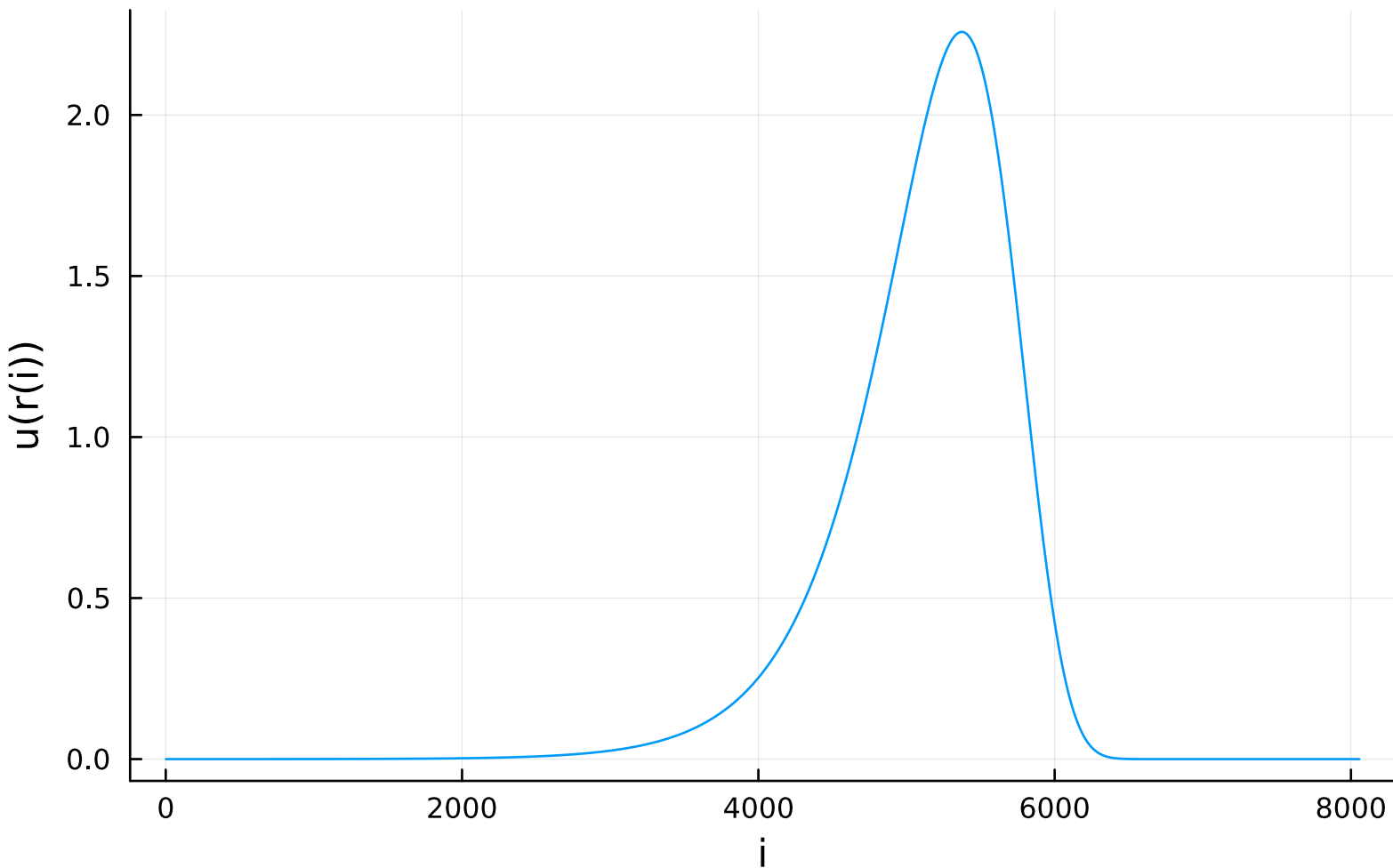
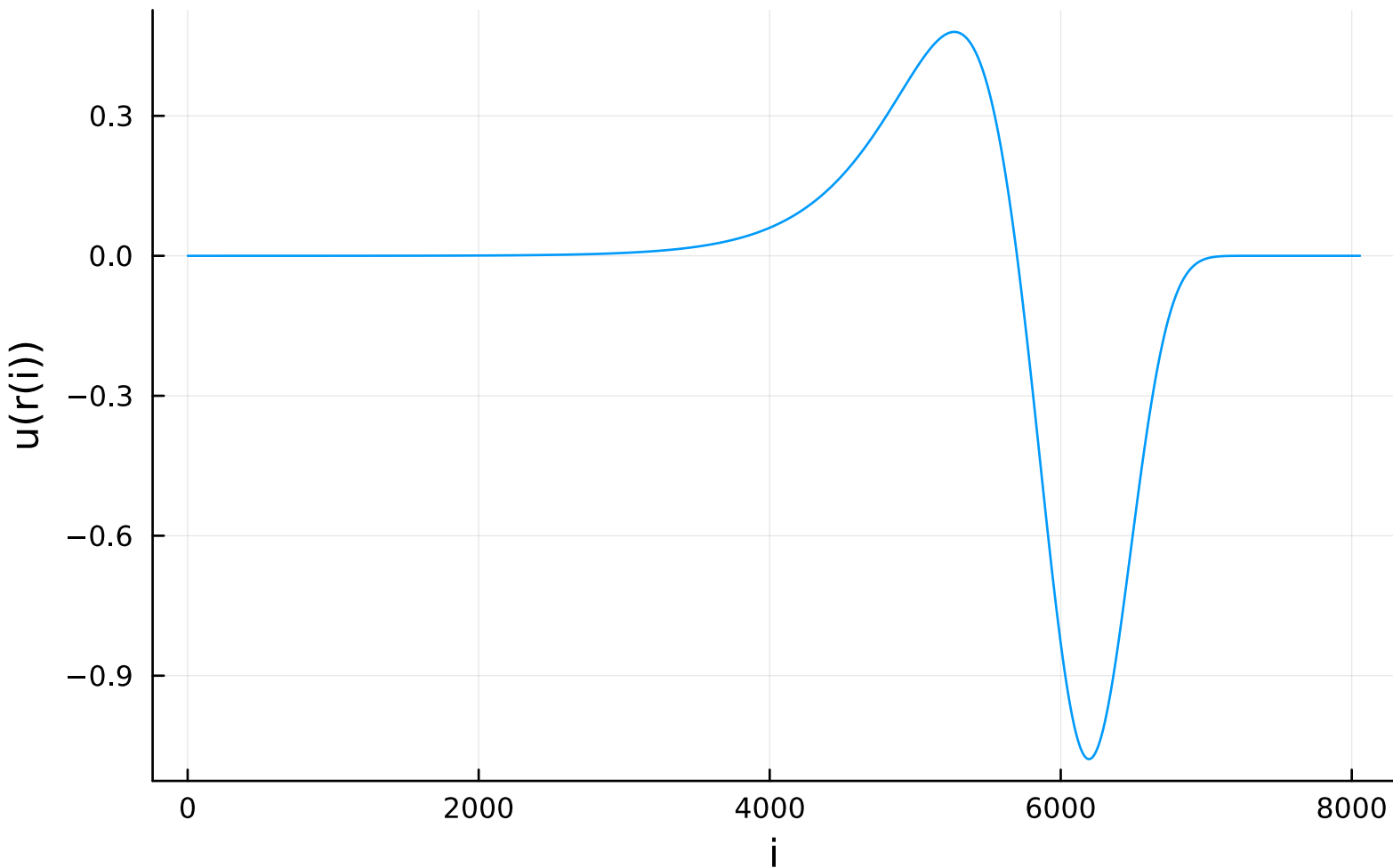


Neon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	65.726488	65.726511	0.000023	0.000000
Etot	-128.233481	-128.233481	0.000000	-0.000000
2s	-1.322809	-1.322879	0.000070	-0.000053
Exc	-11.710430	-11.710432	0.000002	-0.000000
Ekin	127.738667	127.738634	0.000033	0.000000
2p	-0.498034	-0.498102	0.000068	-0.000137
1s	-30.305855	-30.305879	0.000024	-0.000001

# Orbital 1s eigen energy -30.3059



# Orbital 2s eigen energy -1.3229



# Orbital 2p eigen energy -0.4981

