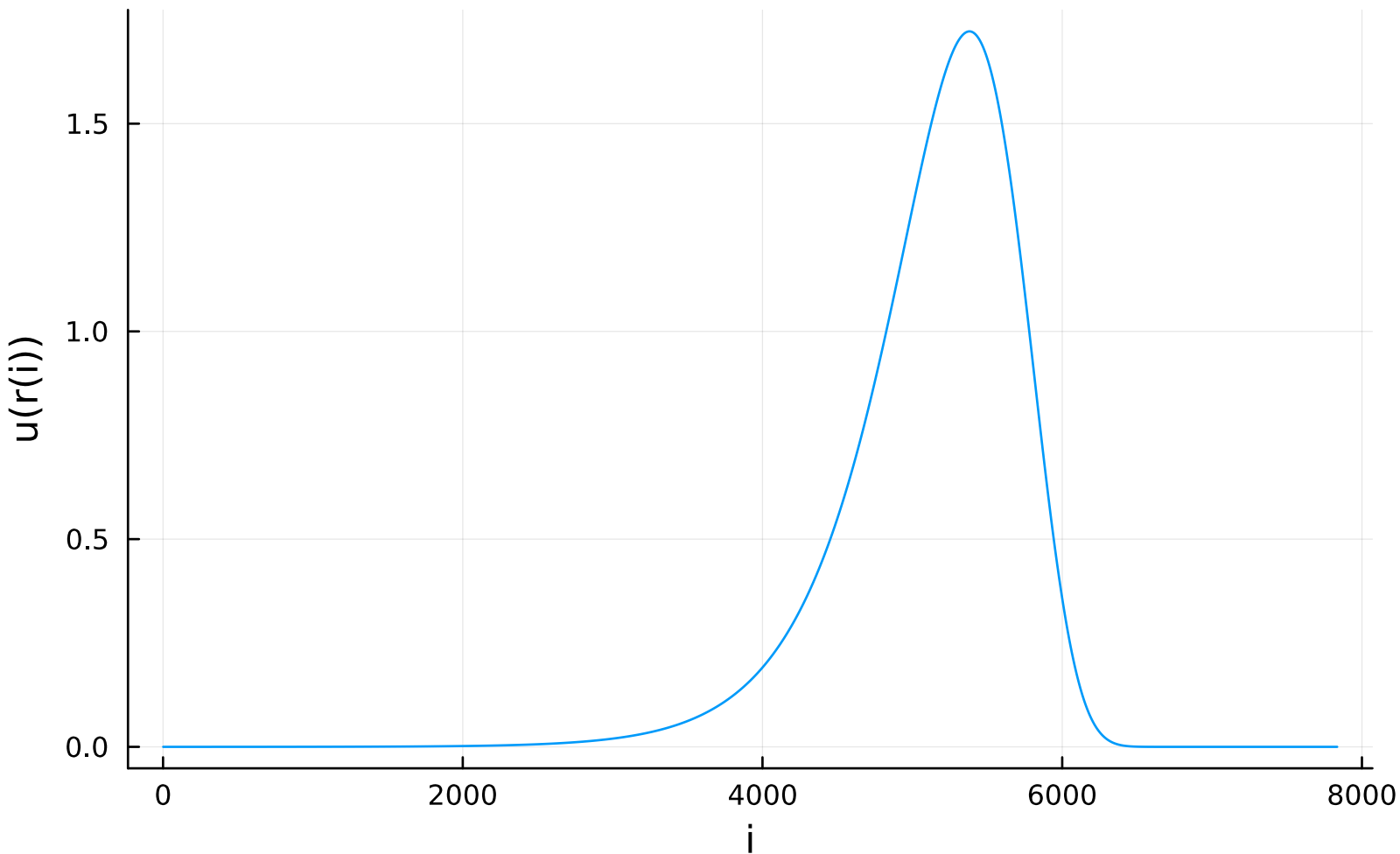
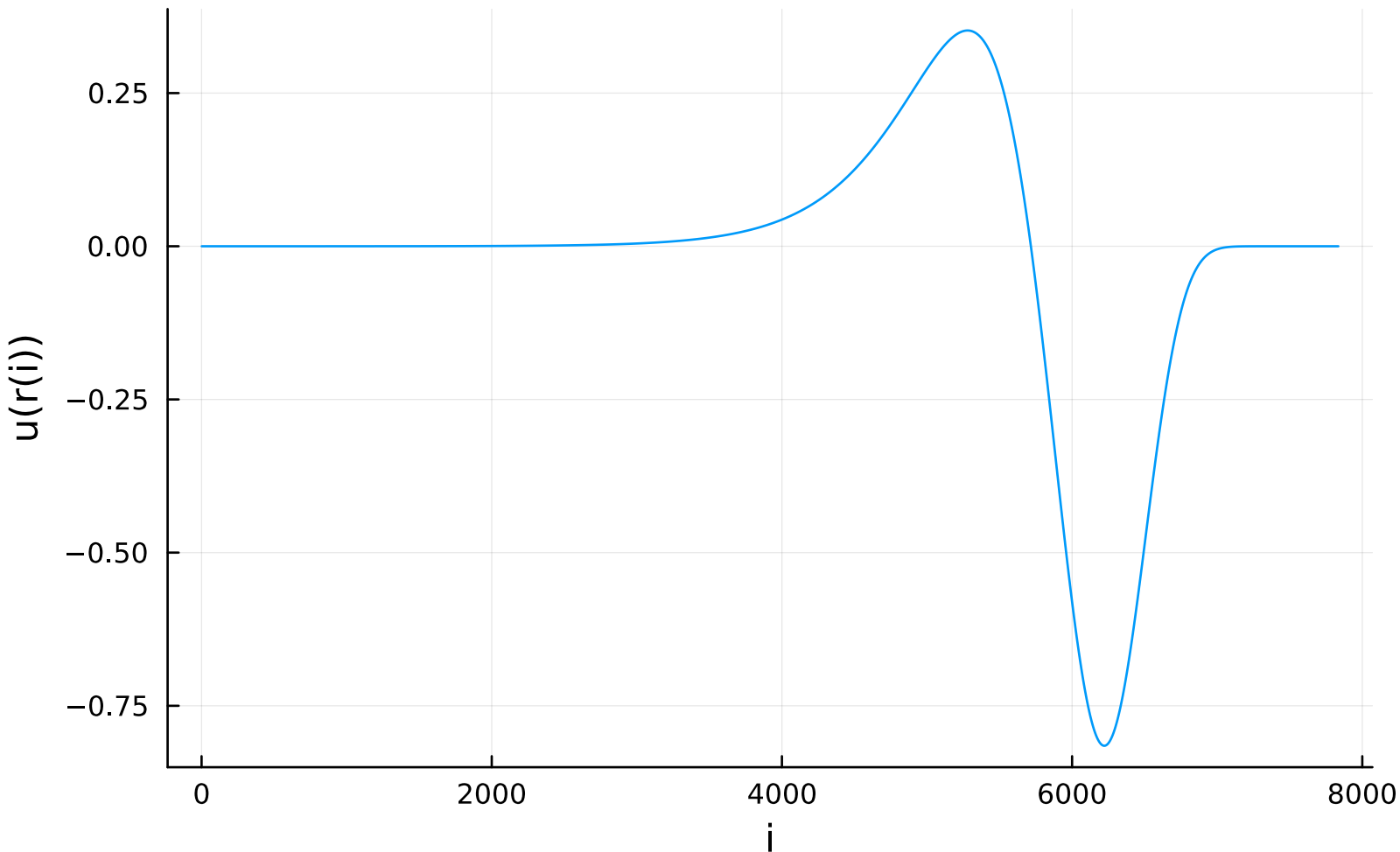


Carbon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	17.627997	17.627998	0.000001	0.000000
Etot	-37.425749	-37.425749	0.000000	-0.000000
2s	-0.500866	-0.500867	0.000001	-0.000003
Exc	-4.728724	-4.728724	0.000000	-0.000000
Ekin	37.190391	37.190391	0.000000	0.000000
2p	-0.199186	-0.199187	0.000001	-0.000004
1s	-9.947718	-9.947720	0.000002	-0.000000

Orbital 1s eigen energy -9.9477



Orbital 2s eigen energy -0.5009



Orbital 2p eigen energy -0.1992

