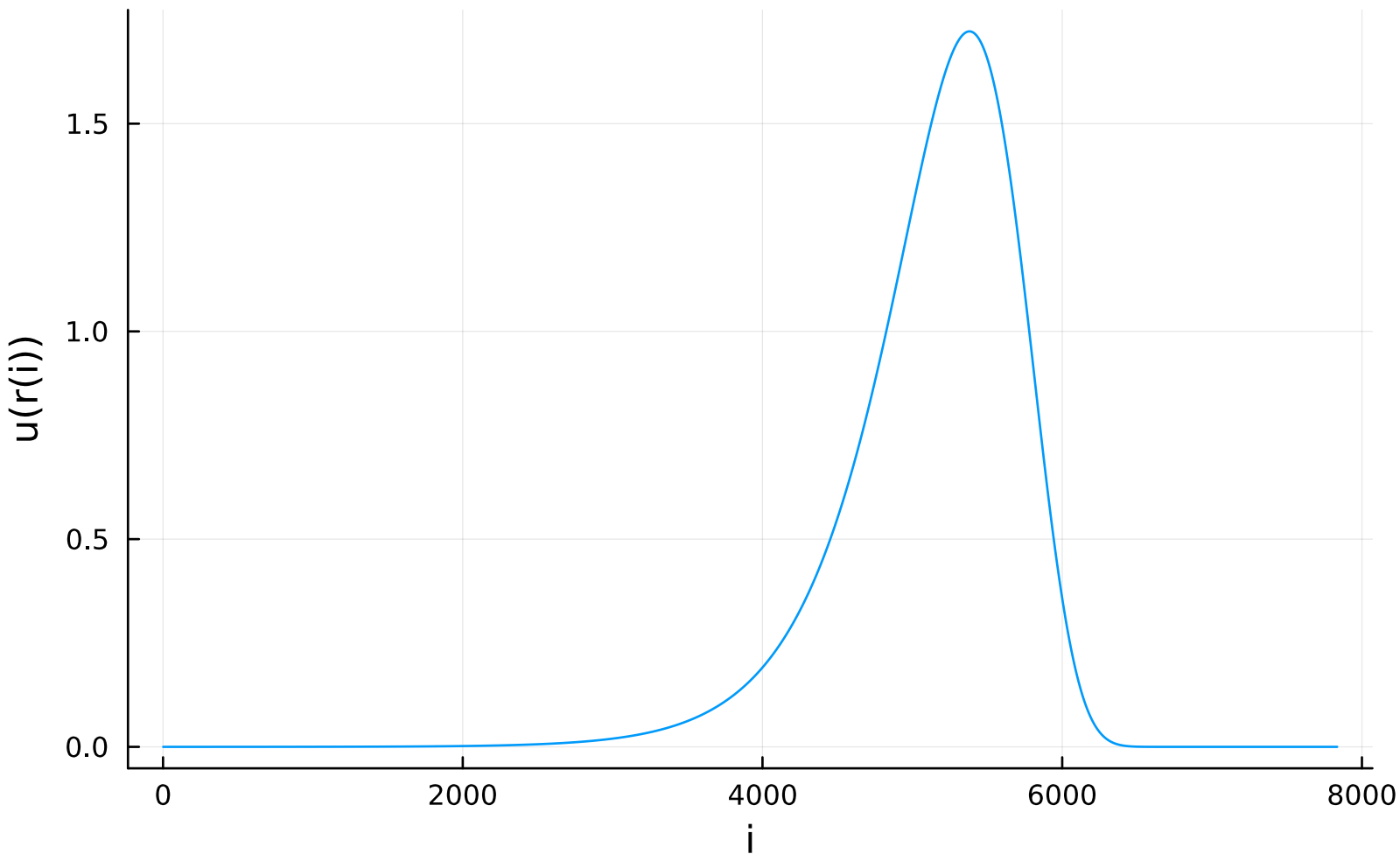
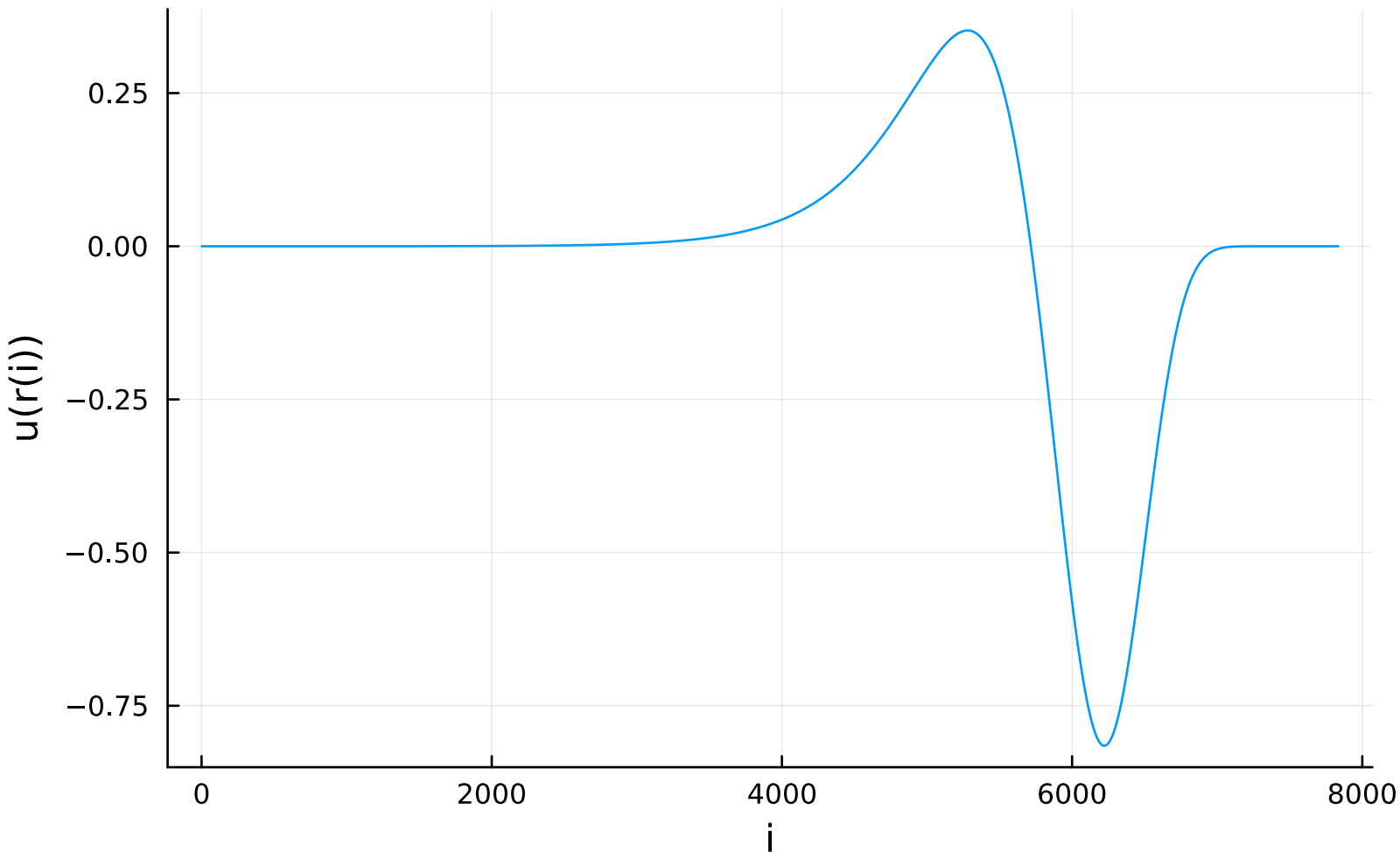


Carbon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	17.627997	17.630074	0.002077	0.000118
Etot	-37.425749	-37.425749	0.000000	-0.000000
2s	-0.500866	-0.502951	0.002085	-0.004163
Exc	-4.728724	-4.729083	0.000359	-0.000076
Ekin	37.190391	37.191855	0.001464	0.000039
2p	-0.199186	-0.201218	0.002032	-0.010199
1s	-9.947718	-9.949830	0.002112	-0.000212

# Orbital 1s eigen energy -9.9498



# Orbital 2s eigen energy -0.5030



# Orbital 2p eigen energy -0.2012

