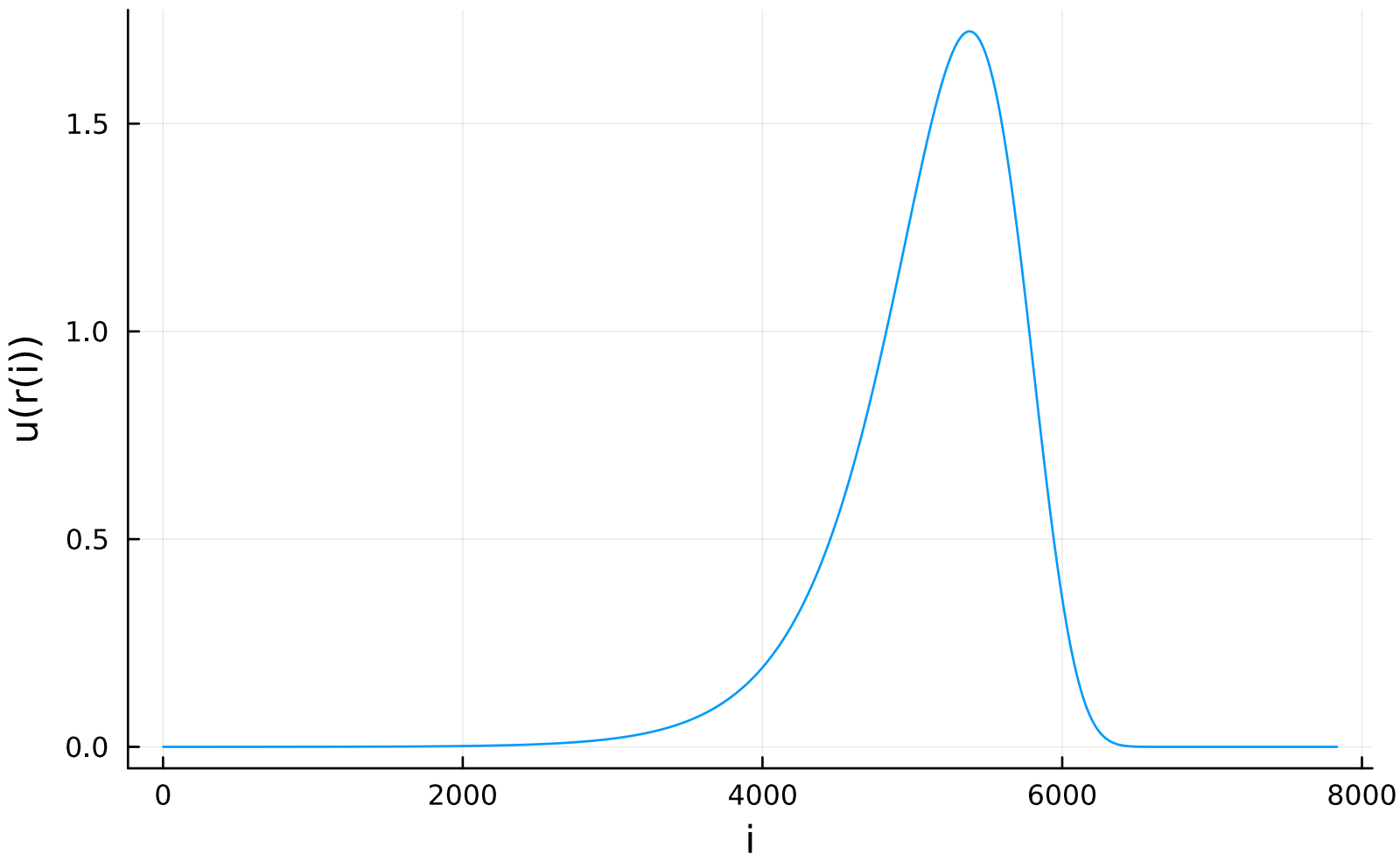
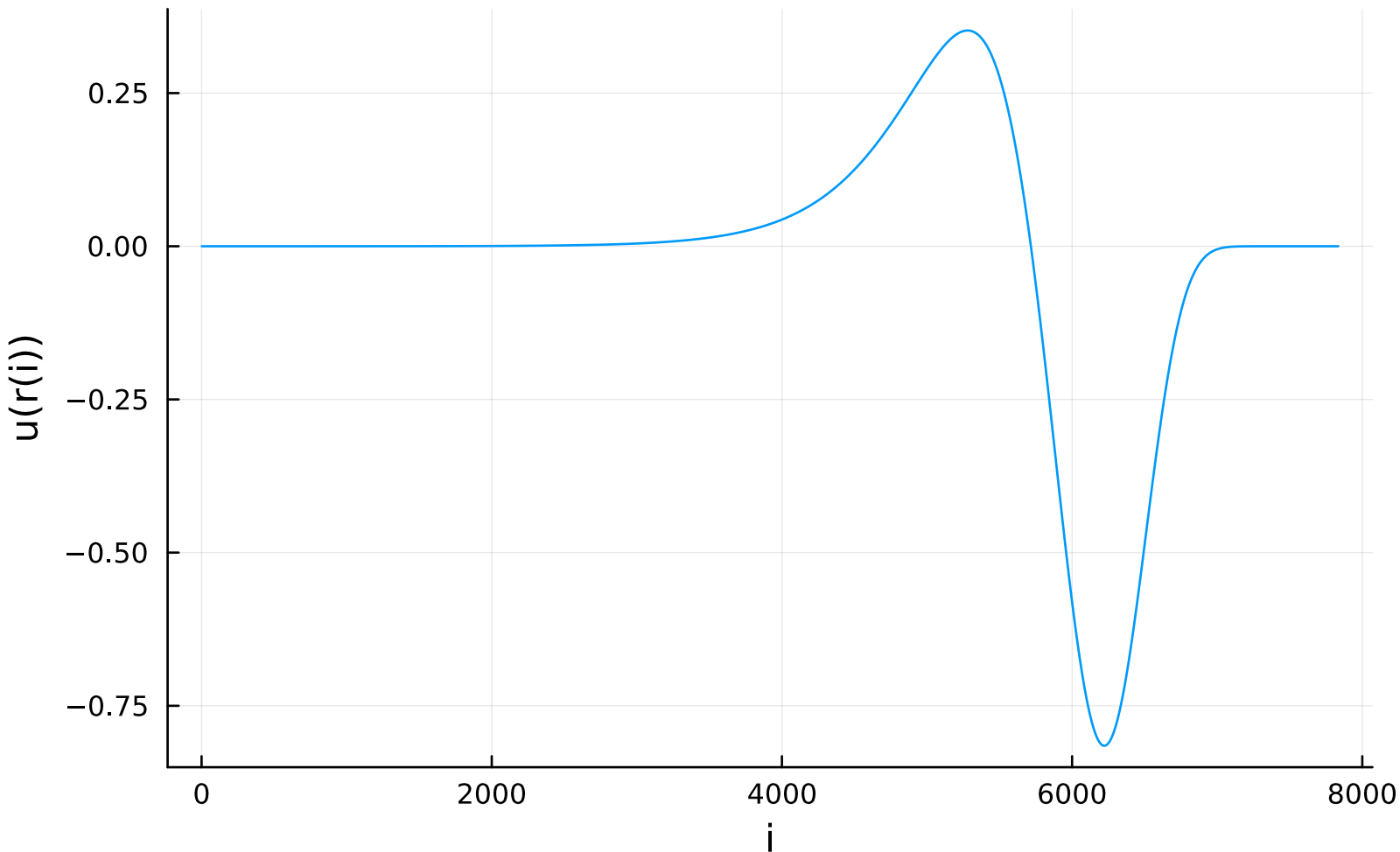


Carbon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	17.627997	17.625854	0.002143	0.000122
Etot	-37.425749	-37.425749	0.000000	-0.000000
2s	-0.500866	-0.501212	0.000346	-0.000690
Exc	-4.728724	-4.728434	0.000290	-0.000061
Ekin	37.190391	37.188378	0.002013	0.000054
2p	-0.199186	-0.199520	0.000334	-0.001678
1s	-9.947718	-9.948196	0.000478	-0.000048

# Orbital 1s eigen energy -9.9482



# Orbital 2s eigen energy -0.5012



# Orbital 2p eigen energy -0.1995

