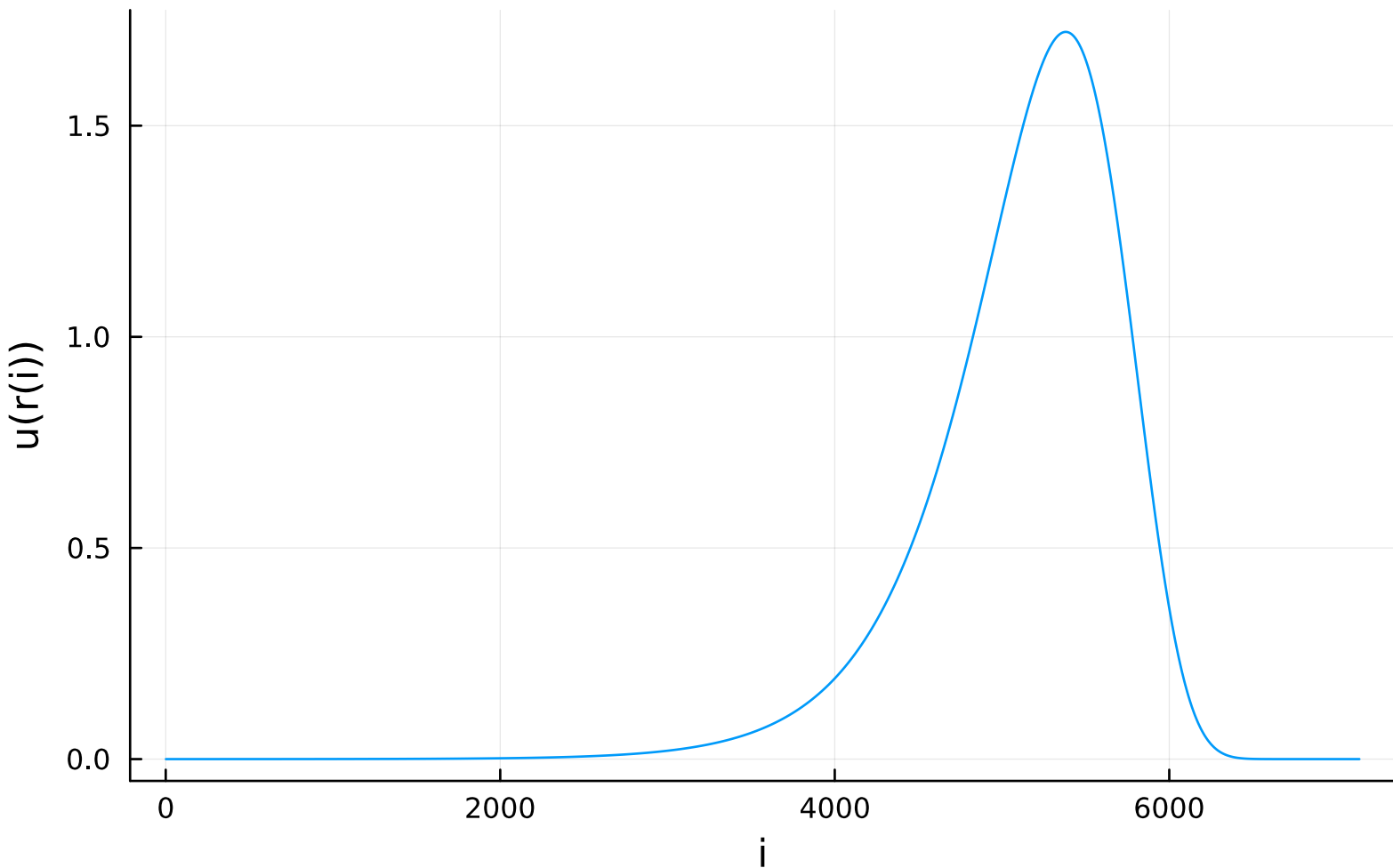
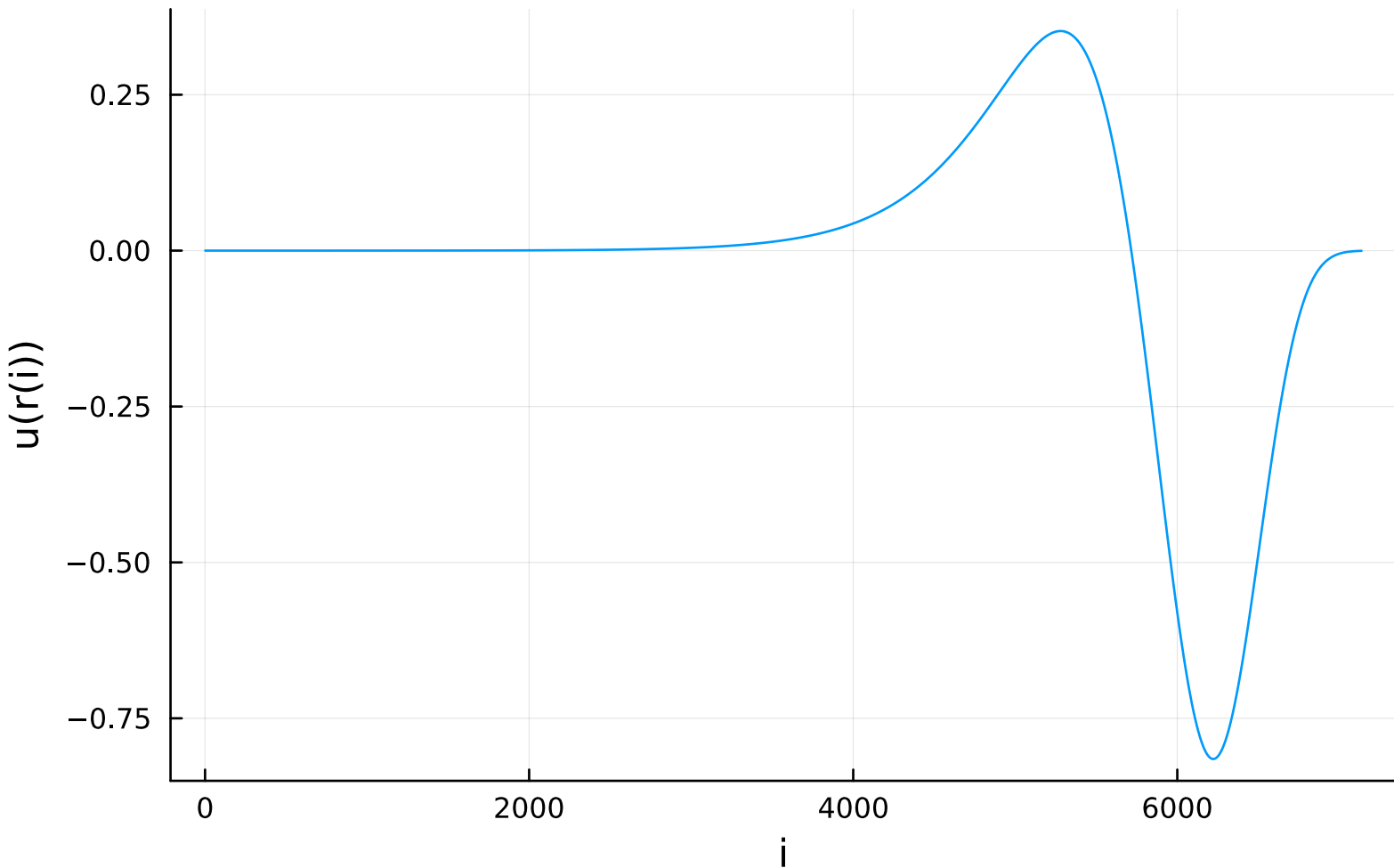


Carbon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	17.627997	17.625917	0.002080	0.000118
Etot	-37.425749	-37.425749	0.000000	-0.000000
2s	-0.500866	-0.501202	0.000336	-0.000671
Exc	-4.728724	-4.728442	0.000282	-0.000060
Ekin	37.190391	37.188390	0.002001	0.000054
2p	-0.199186	-0.199511	0.000325	-0.001633
1s	-9.947718	-9.948184	0.000466	-0.000047

Orbital 1s eigen energy -9.9482



Orbital 2s eigen energy -0.5012



Orbital 2p eigen energy -0.1995

