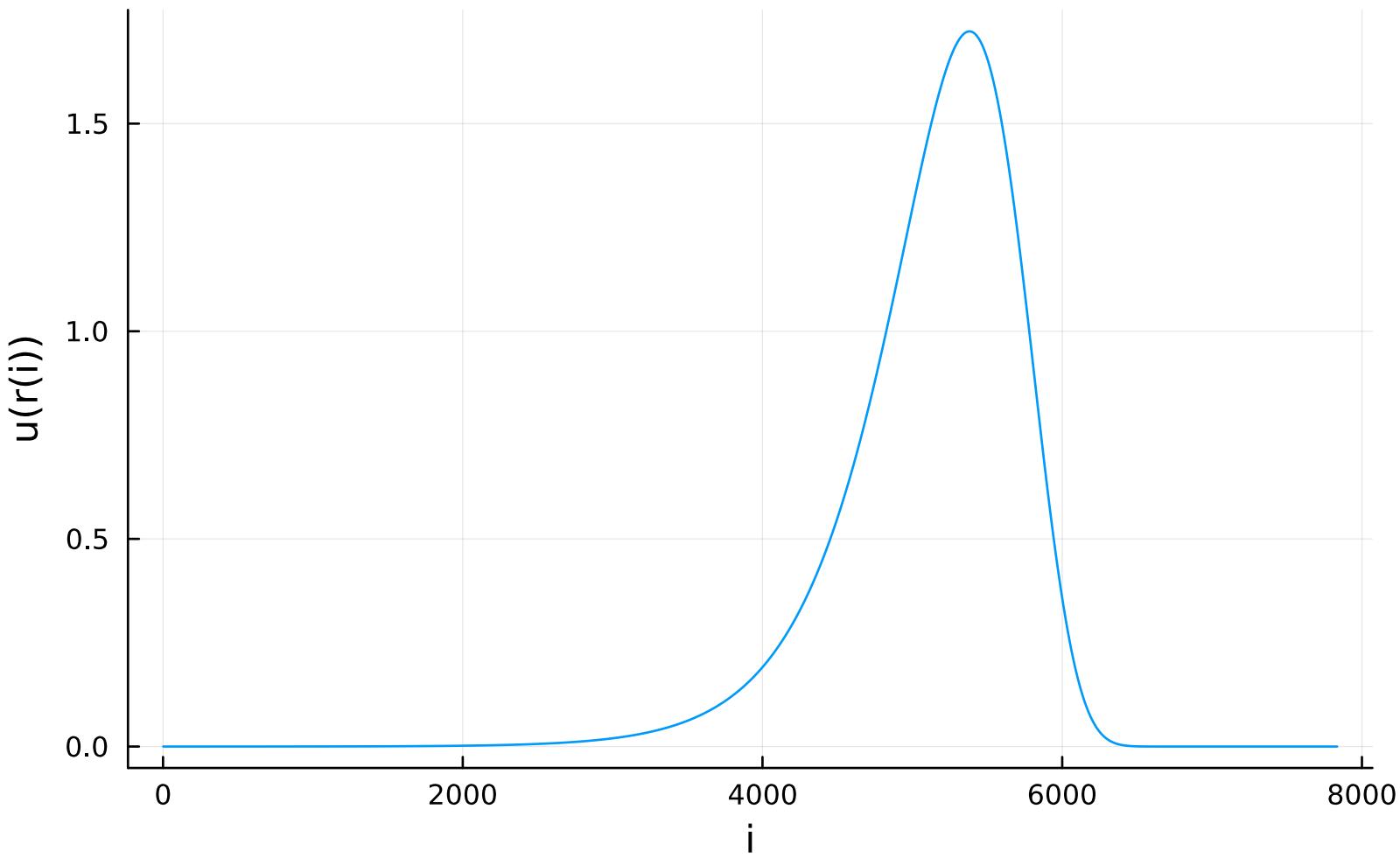
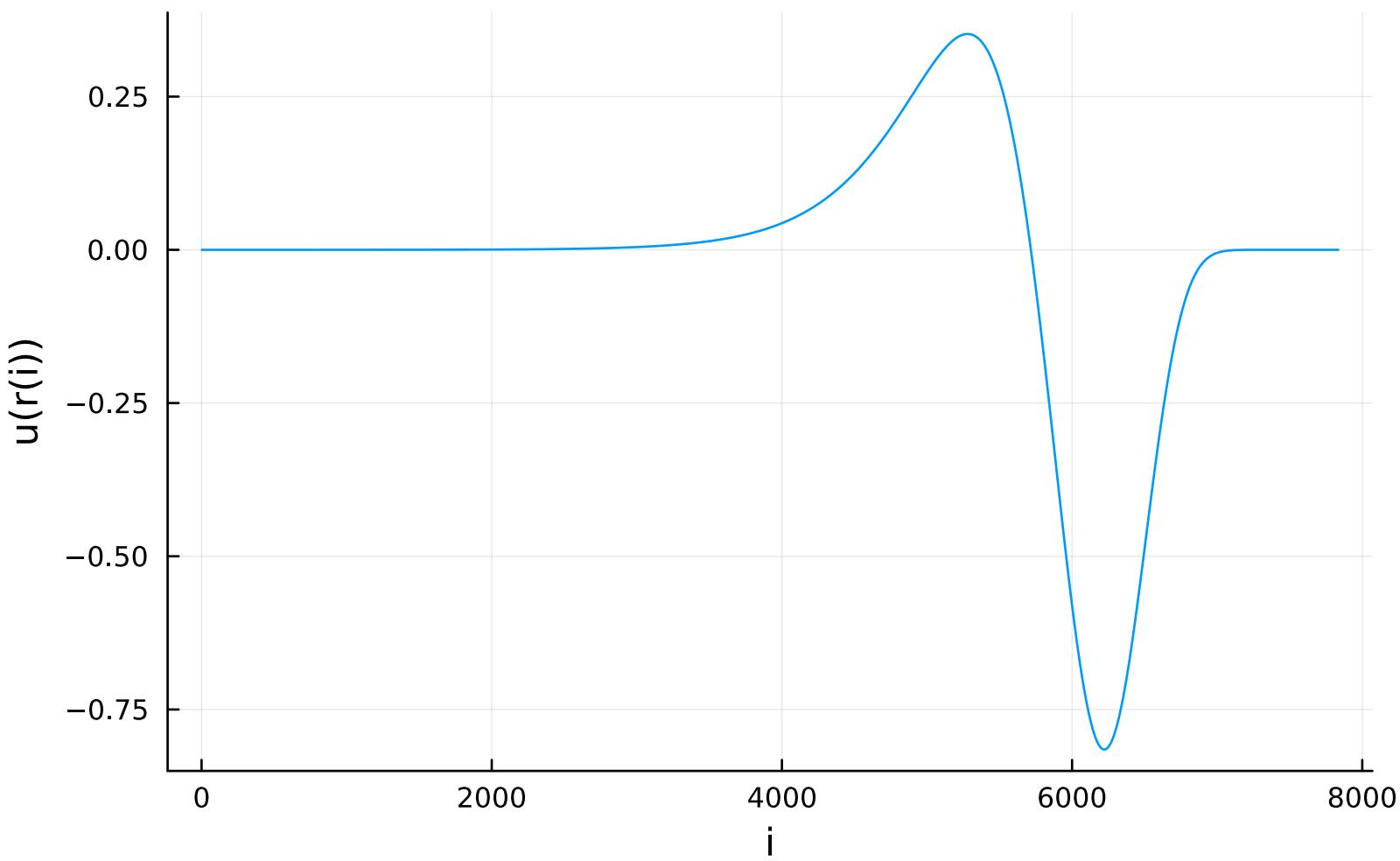


Carbon	E in Hartree			
Name	E NIST	E pred	ΔE	ΔE /E NIST
Ecoul	17.627997	17.626224	0.001773	0.000101
Etot	-37.425749	-37.425749	0.000000	-0.000000
2s	-0.500866	-0.501167	0.000301	-0.000602
Exc	-4.728724	-4.728488	0.000236	-0.000050
Ekin	37.190391	37.188823	0.001568	0.000042
2p	-0.199186	-0.199478	0.000292	-0.001465
1s	-9.947718	-9.948130	0.000412	-0.000041

Orbital 1s eigen energy -9.9481



Orbital 2s eigen energy -0.5012



Orbital 2p eigen energy -0.1995

