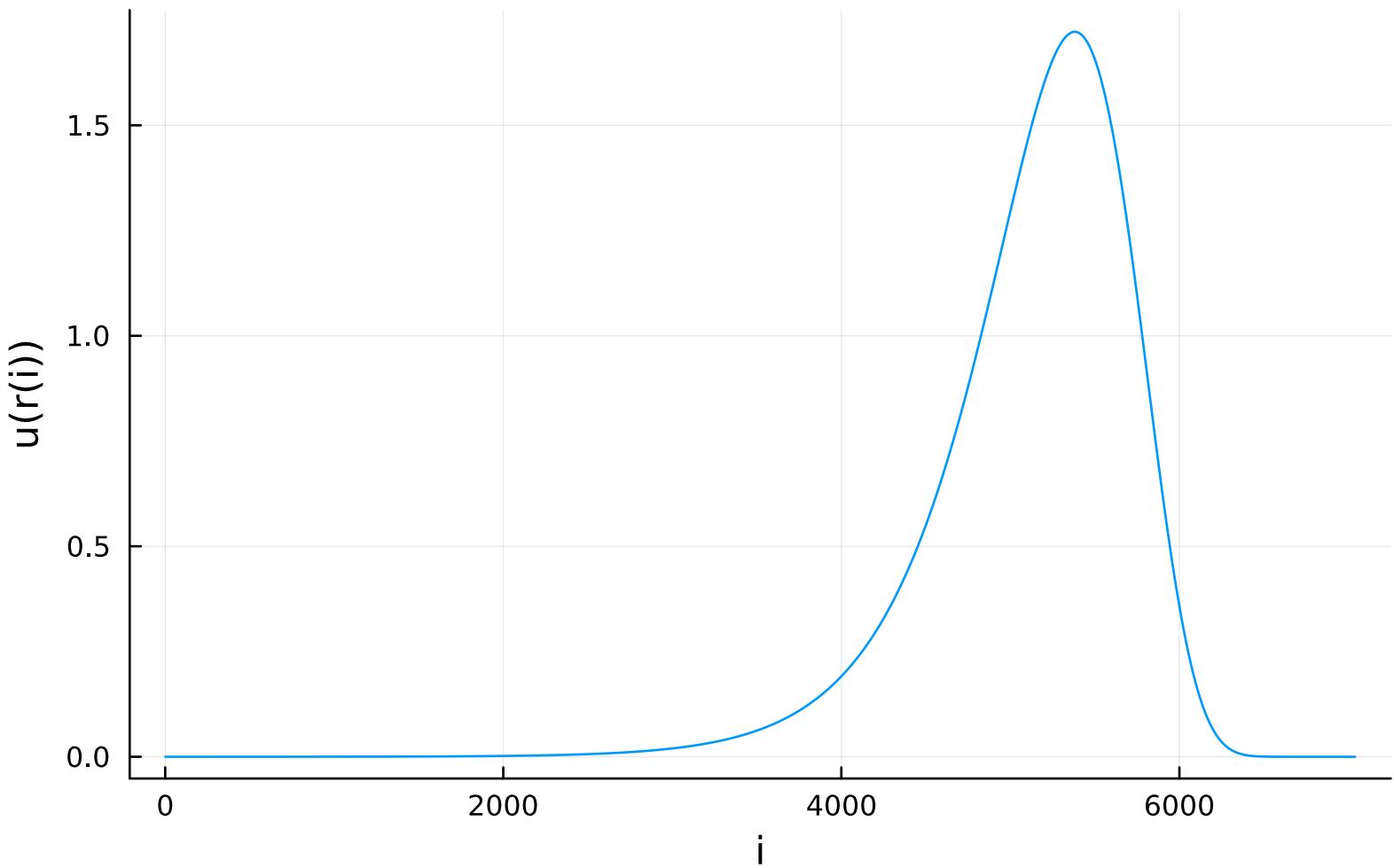
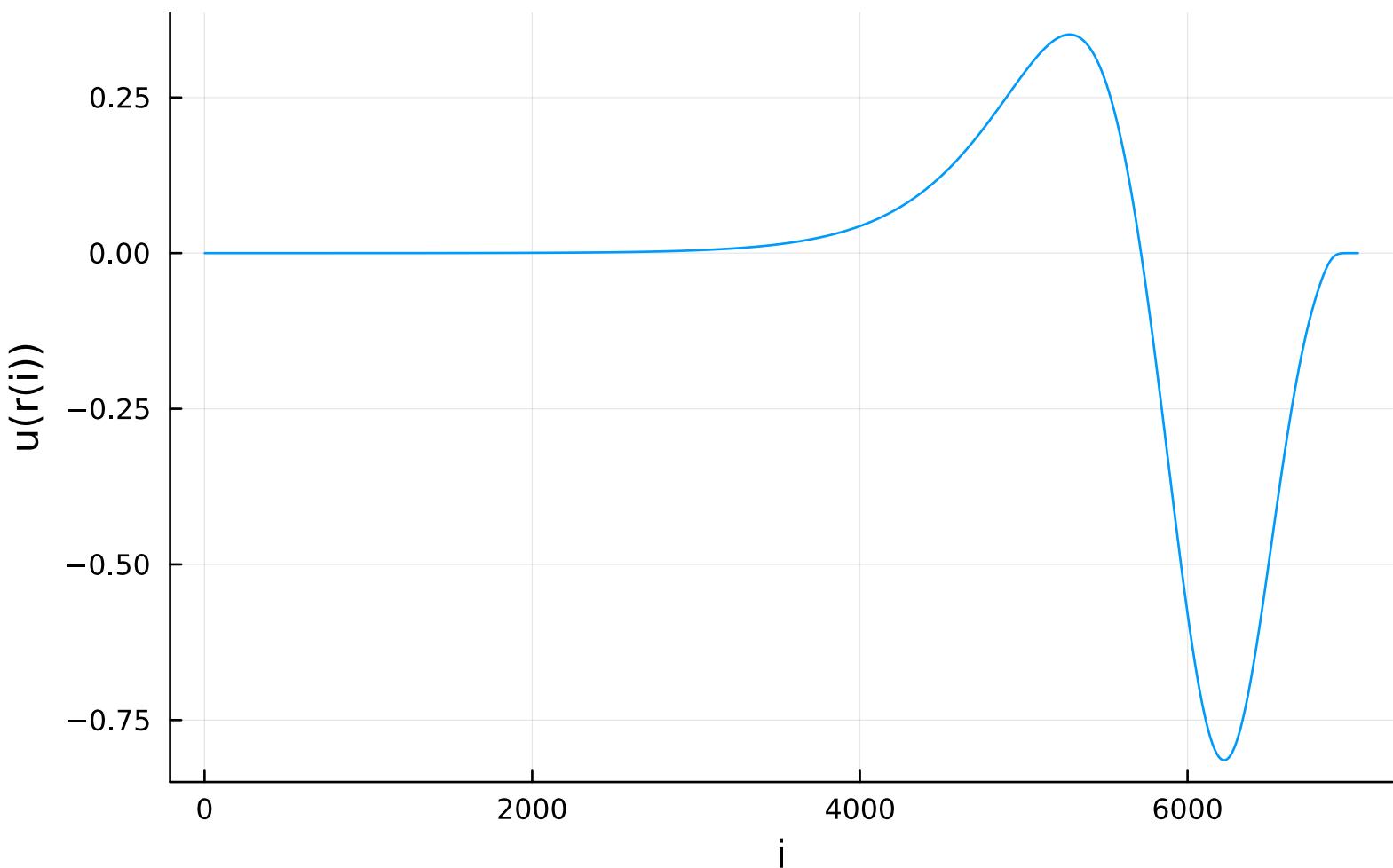


Carbon	E in Hartree			
Name	E NIST	E pred	ΔE	ΔE /E NIST
Ecoul	17.627997	17.752274	0.124277	0.007050
Etot	-37.425749	-37.415834	0.009915	-0.000265
2s	-0.500866	-0.483793	0.017073	-0.034086
Exc	-4.728724	-4.749025	0.020301	-0.004293
Ekin	37.190391	37.252495	0.062104	0.001670
2p	-0.199186	-0.179328	0.019858	-0.099694
1s	-9.947718	-9.920856	0.026862	-0.002700

Orbital 1s eigen energy -9.9209



Orbital 2s eigen energy -0.4838



Orbital 2p eigen energy -0.1793

