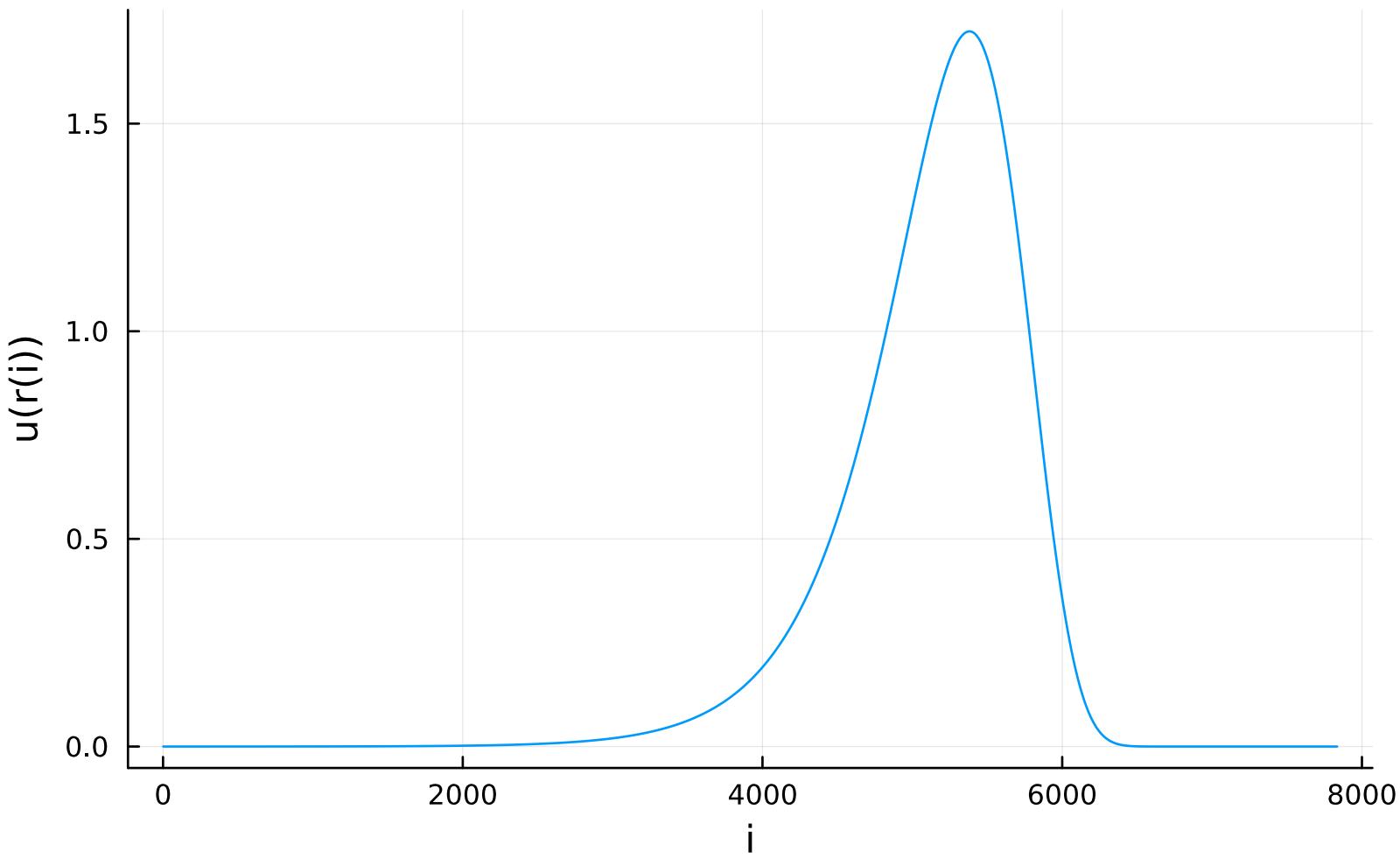
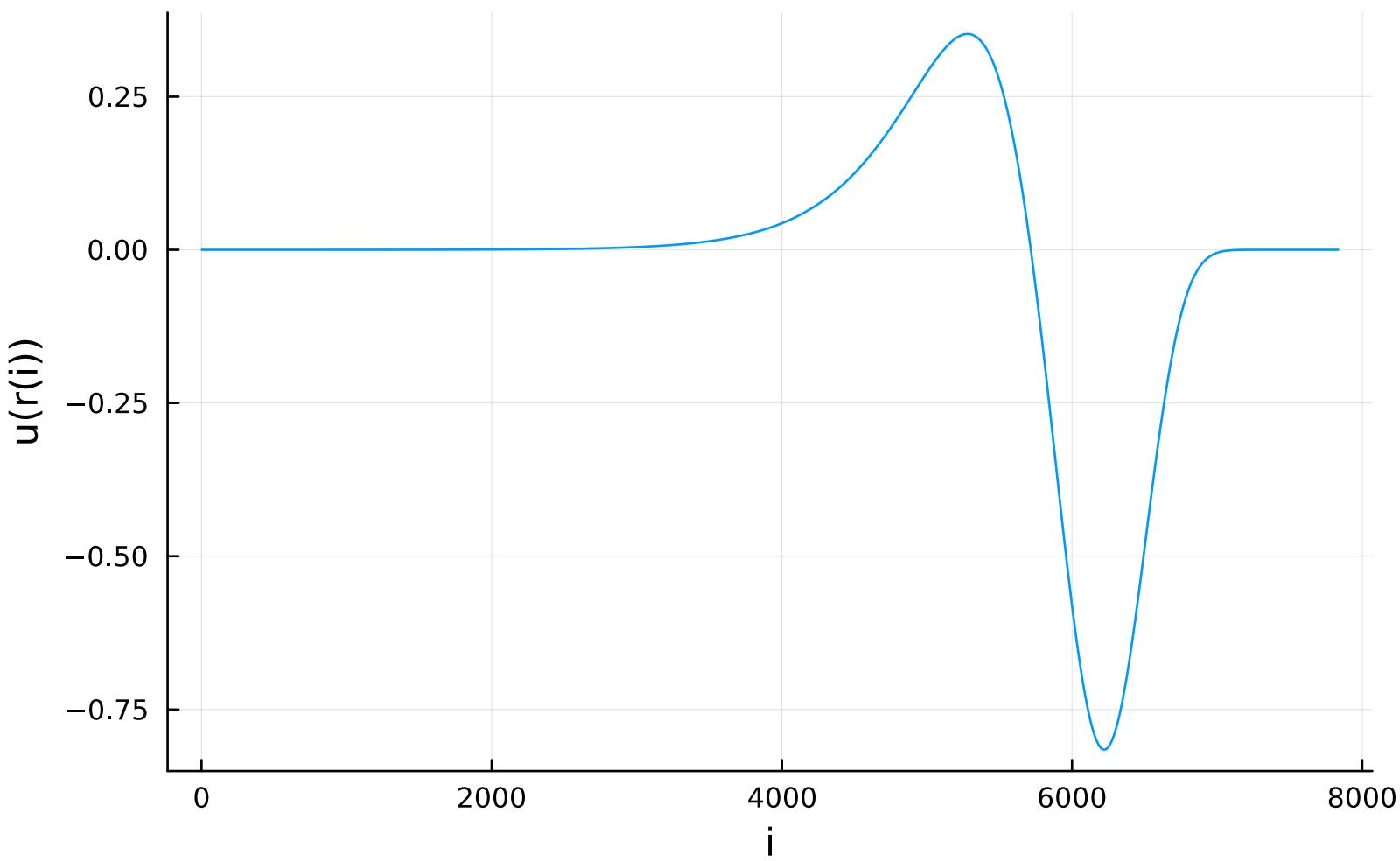


Carbon	E in Hartree			
Name	E NIST	E pred	ΔE	ΔE /E NIST
Ecoul	17.627997	17.627972	0.000025	0.000001
Etot	-37.425749	-37.425749	0.000000	-0.000000
2s	-0.500866	-0.500836	0.000030	-0.000060
Exc	-4.728724	-4.728720	0.000004	-0.000001
Ekin	37.190391	37.190374	0.000017	0.000000
2p	-0.199186	-0.199157	0.000029	-0.000144
1s	-9.947718	-9.947675	0.000043	-0.000004

Orbital 1s eigen energy -9.9477



Orbital 2s eigen energy -0.5008



Orbital 2p eigen energy -0.1992

