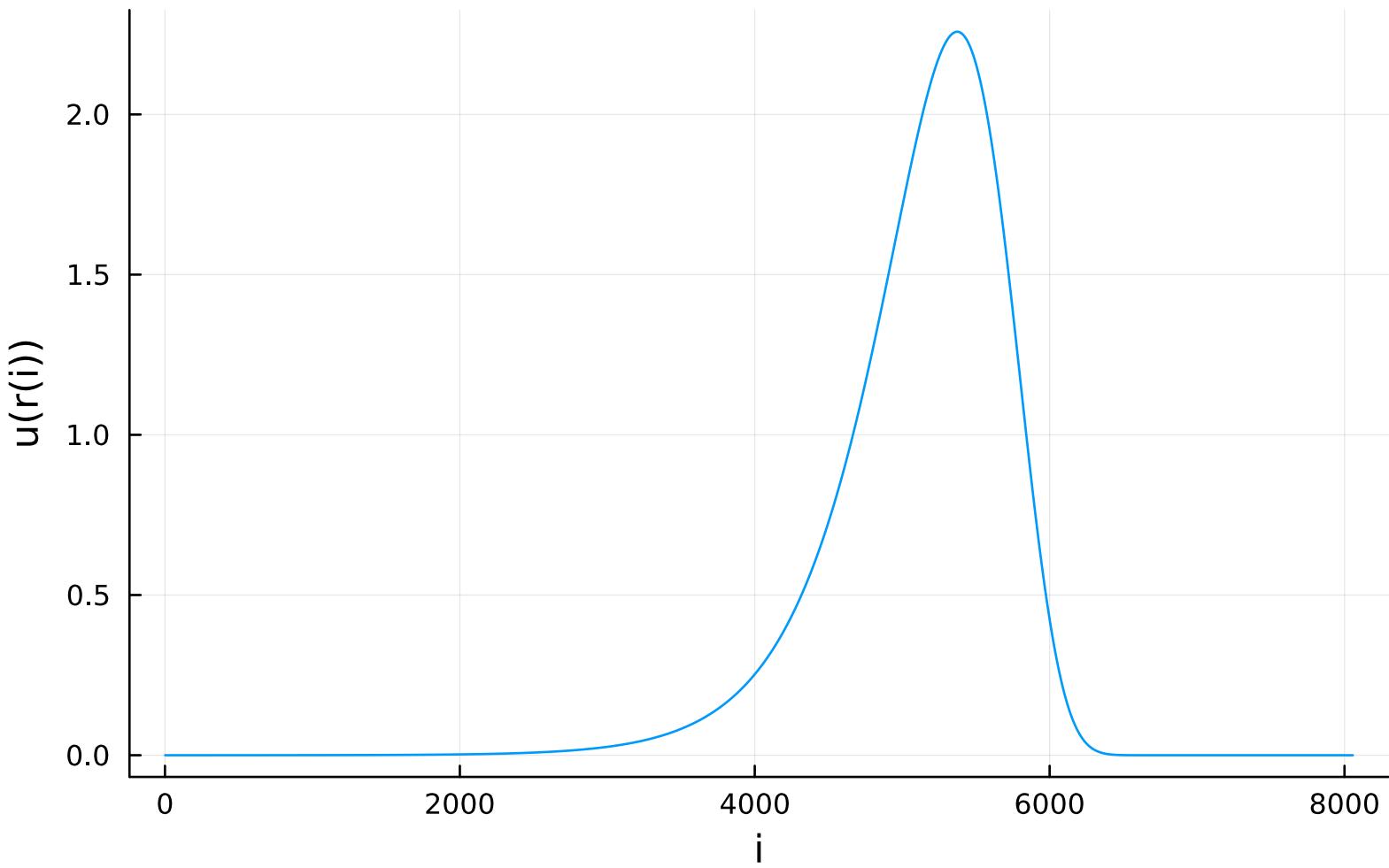
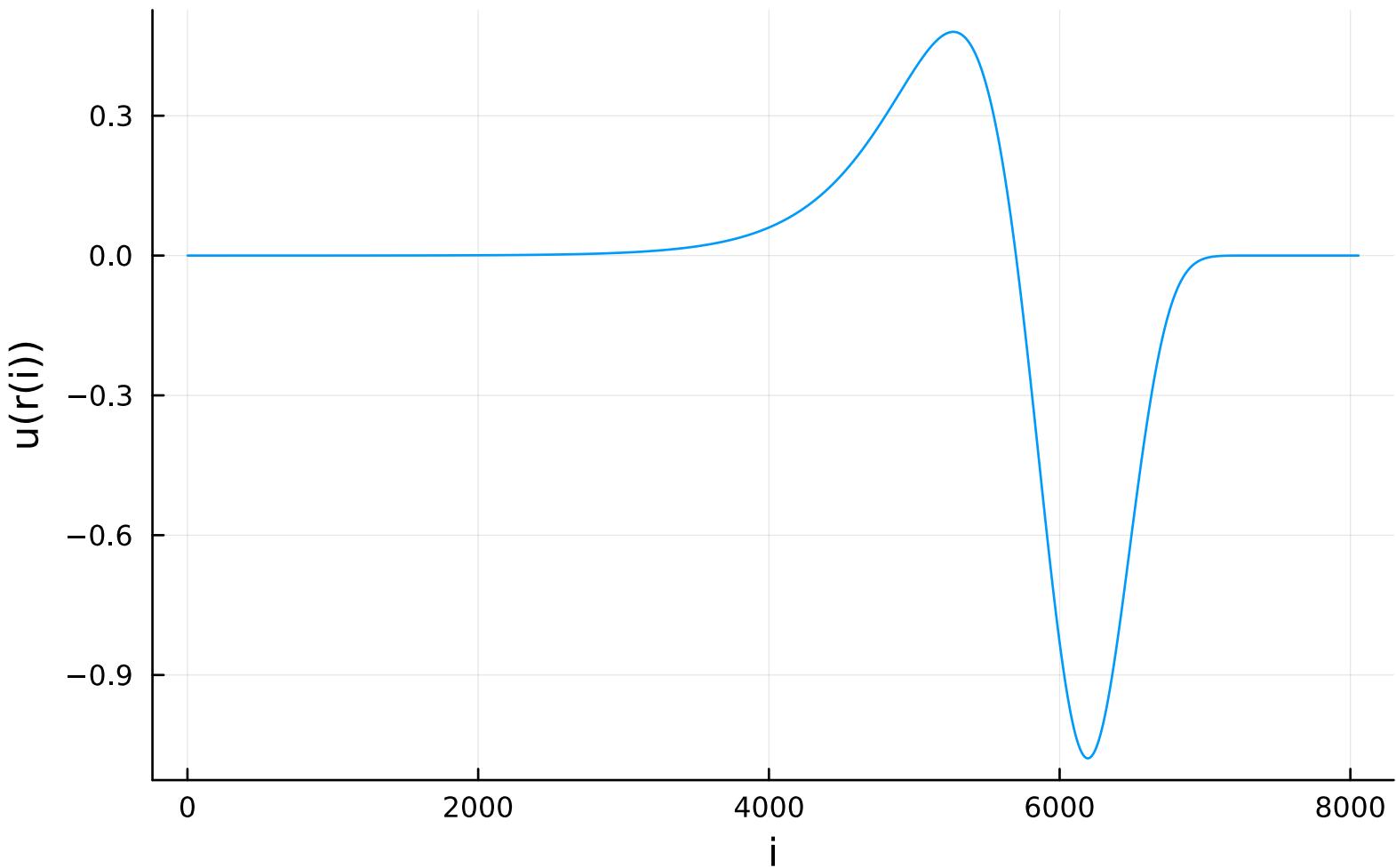


Neon	E in Hartree			
Name	E NIST	E pred	ΔE	ΔE /E NIST
Ecoul	65.726488	65.726505	0.000017	0.000000
Etot	-128.233481	-128.233481	0.000000	-0.000000
2s	-1.322809	-1.322809	0.000000	-0.000000
Exc	-11.710430	-11.710432	0.000002	-0.000000
Ekin	127.738667	127.738676	0.000009	0.000000
2p	-0.498034	-0.498034	0.000000	-0.000001
1s	-30.305855	-30.305857	0.000002	-0.000000

# Orbital 1s eigen energy -30.3059



# Orbital 2s eigen energy -1.3228



# Orbital 2p eigen energy -0.4980

