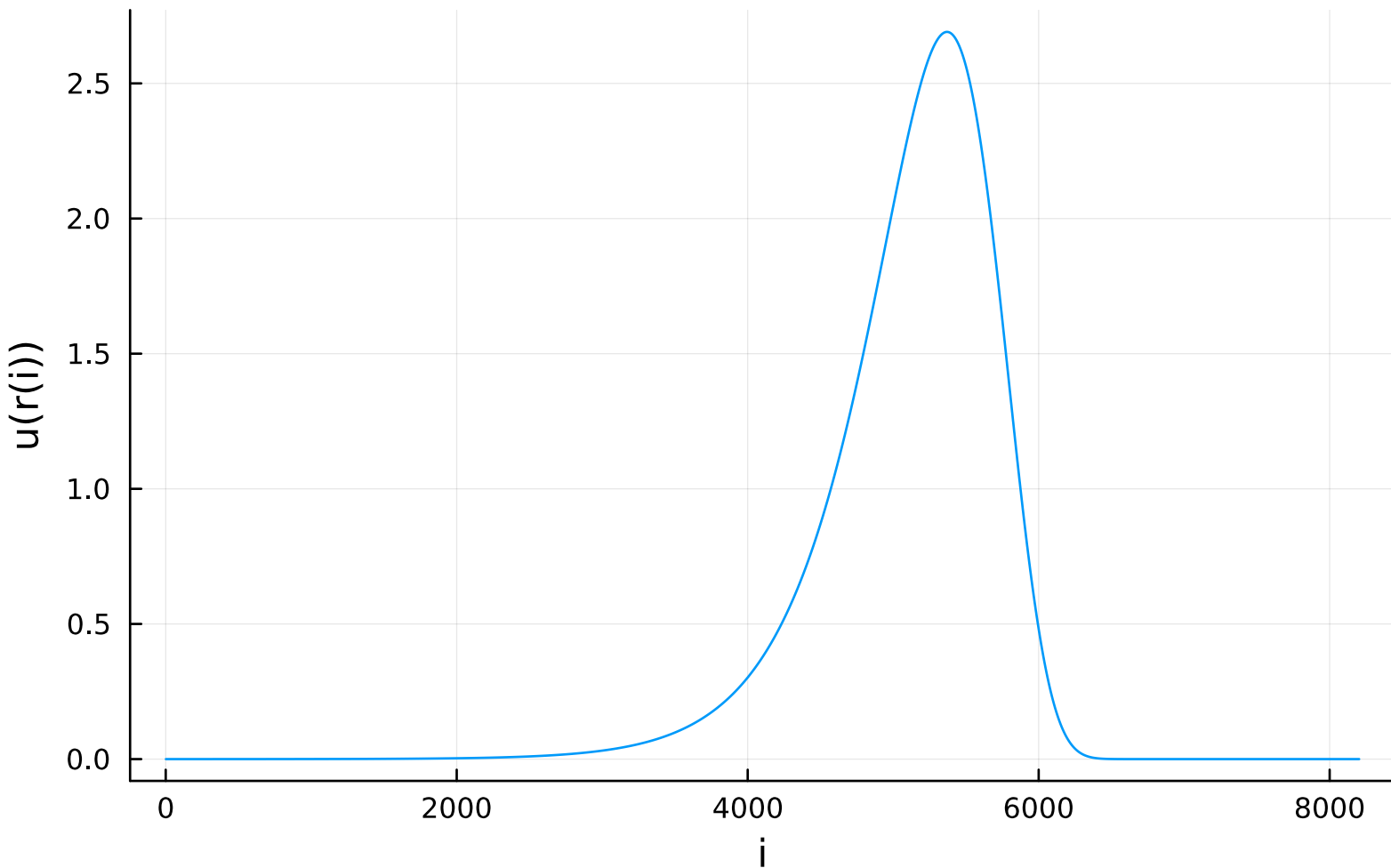
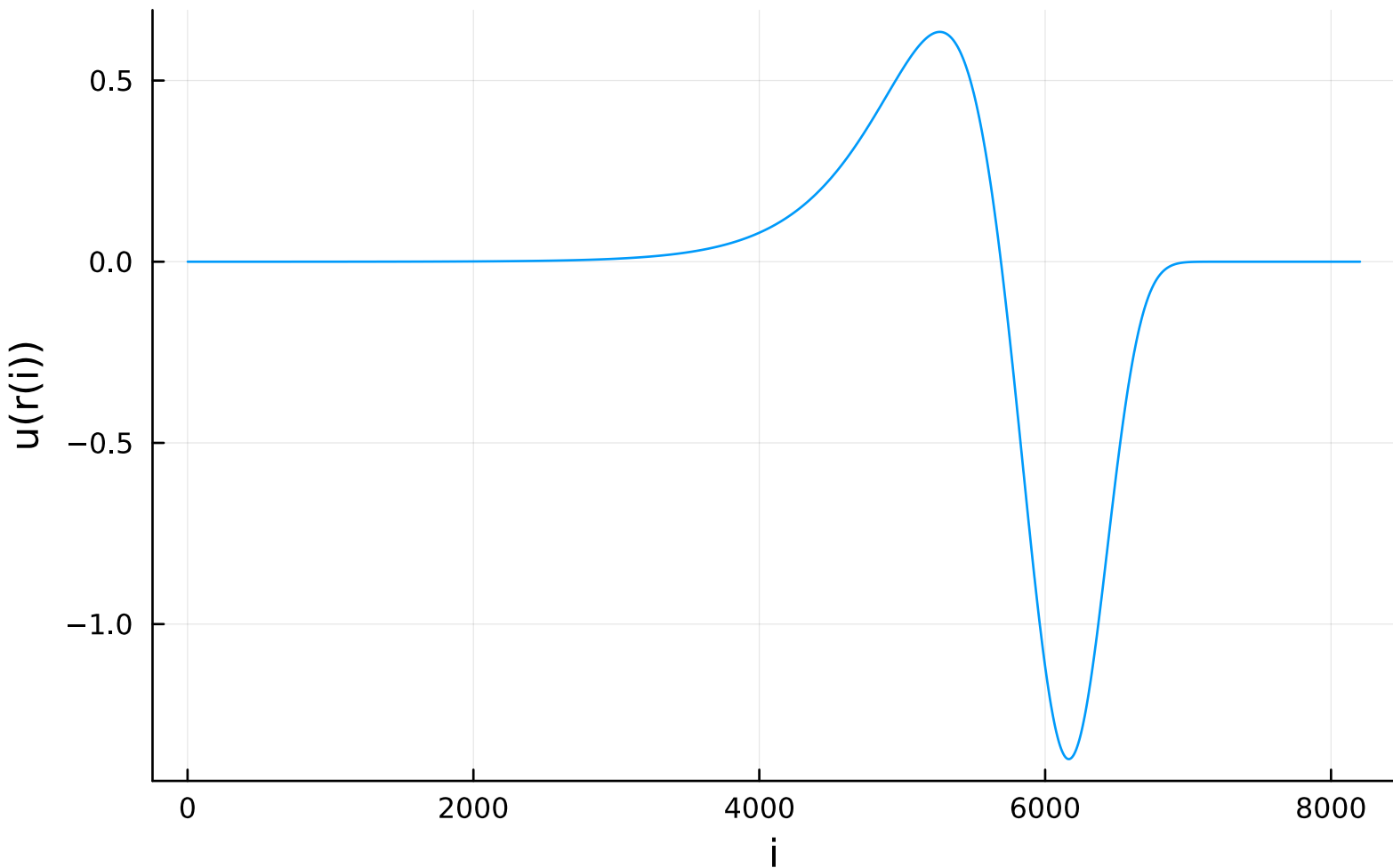


Silicon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	131.767814	131.763629	0.004185	0.000032
3p	-0.153293	-0.153596	0.000303	-0.001977
Etot	-288.198397	-288.198397	0.000000	-0.000000
2s	-5.075056	-5.075338	0.000282	-0.000056
3s	-0.398139	-0.398440	0.000301	-0.000757
Exc	-19.553276	-19.552791	0.000485	-0.000025
Ekin	287.487740	287.473250	0.014490	0.000050
2p	-3.514938	-3.515201	0.000263	-0.000075
1s	-65.184426	-65.185024	0.000598	-0.000009

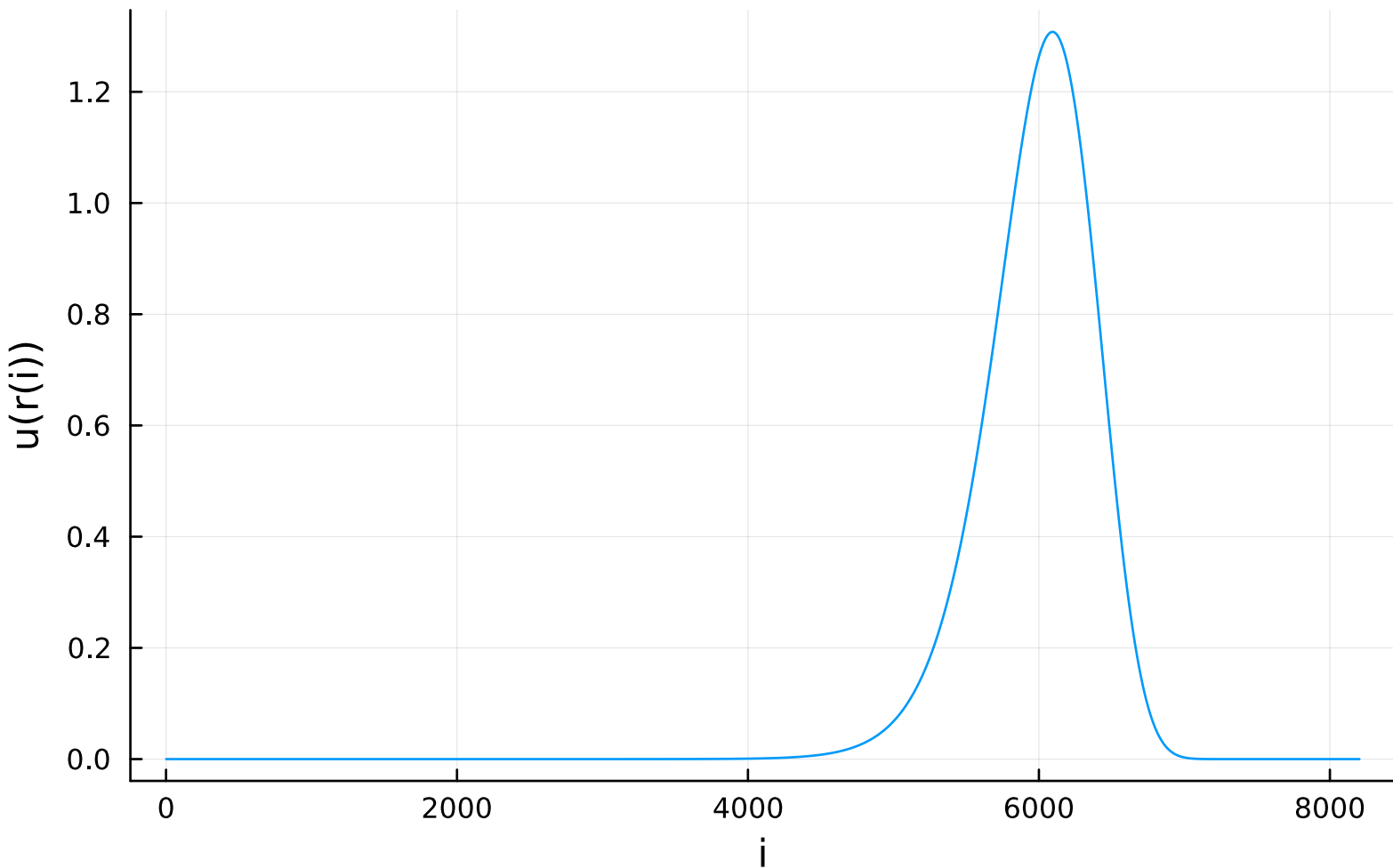
# Orbital 1s eigen energy -65.1850



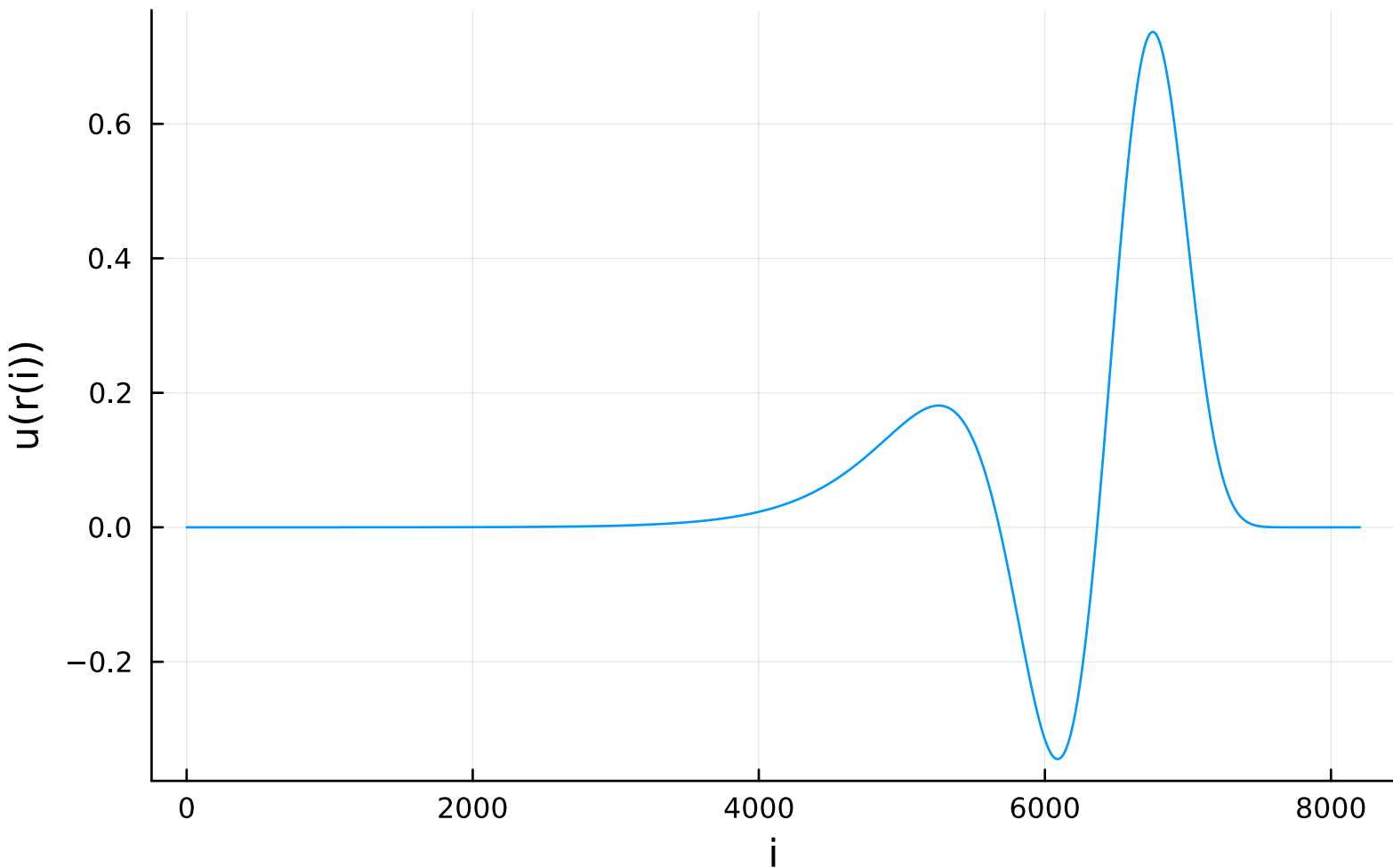
# Orbital 2s eigen energy -5.0753



# Orbital 2p eigen energy -3.5152



# Orbital 3s eigen energy -0.3984



# Orbital 3p eigen energy -0.1536

