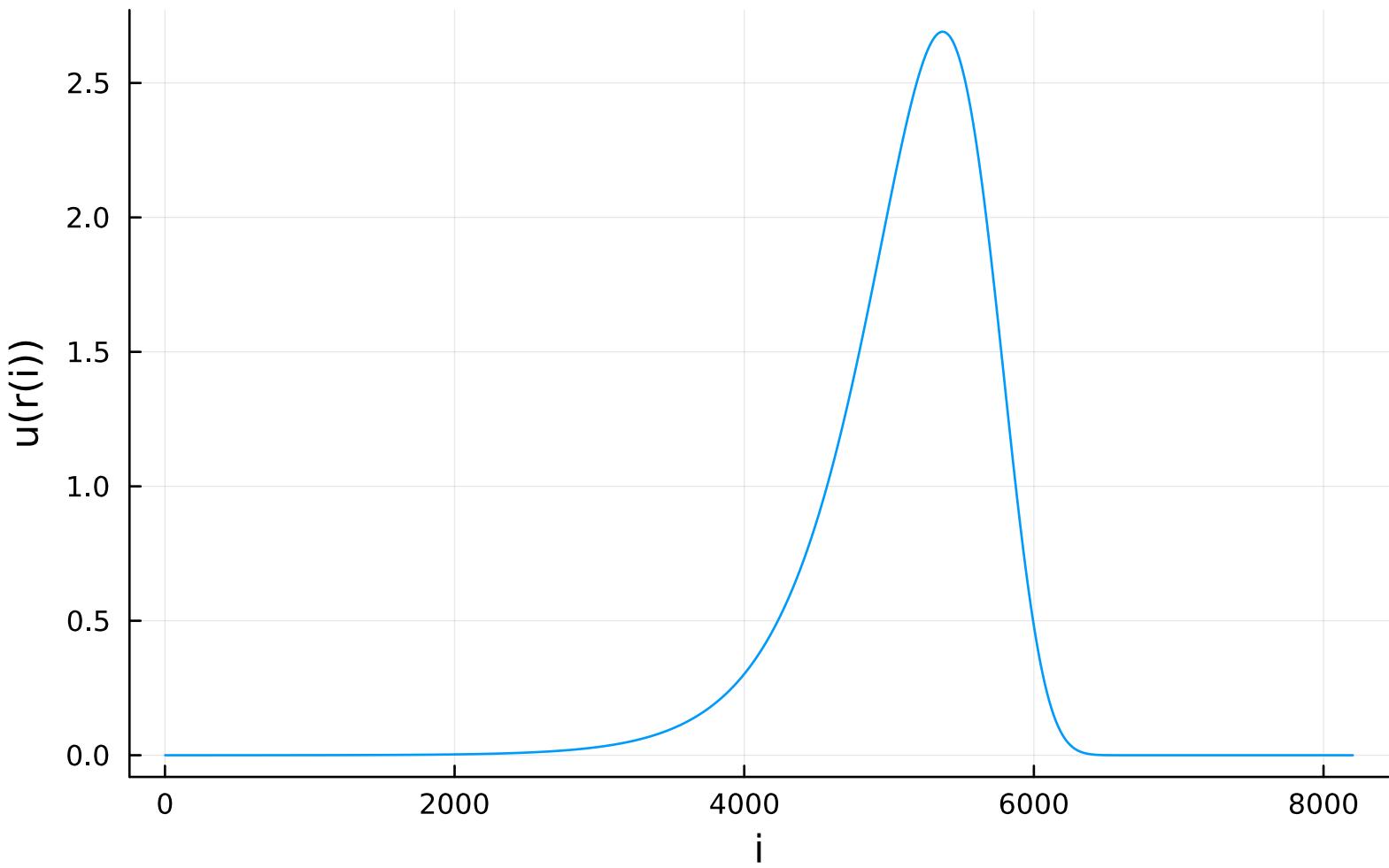
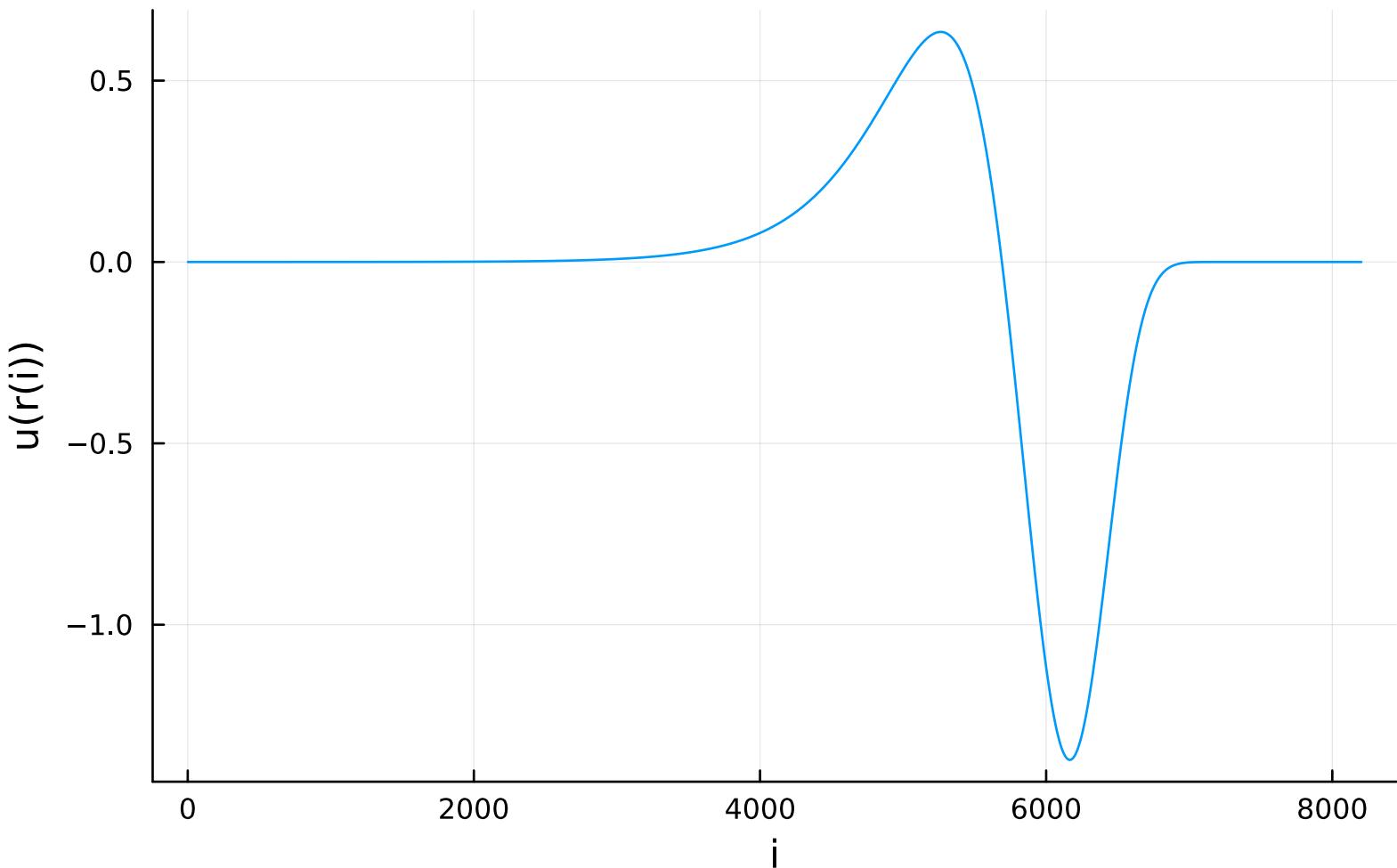


Silicon	E in Hartree			
Name	E NIST	E pred	ΔE	ΔE /E NIST
Ecoul	131.767814	131.764579	0.003235	0.000025
3p	-0.153293	-0.153539	0.000246	-0.001604
Etot	-288.198397	-288.198397	0.000000	-0.000000
2s	-5.075056	-5.075285	0.000229	-0.000045
3s	-0.398139	-0.398383	0.000244	-0.000613
Exc	-19.553276	-19.552904	0.000372	-0.000019
Ekin	287.487740	287.476693	0.011047	0.000038
2p	-3.514938	-3.515152	0.000214	-0.000061
1s	-65.184426	-65.184908	0.000482	-0.000007

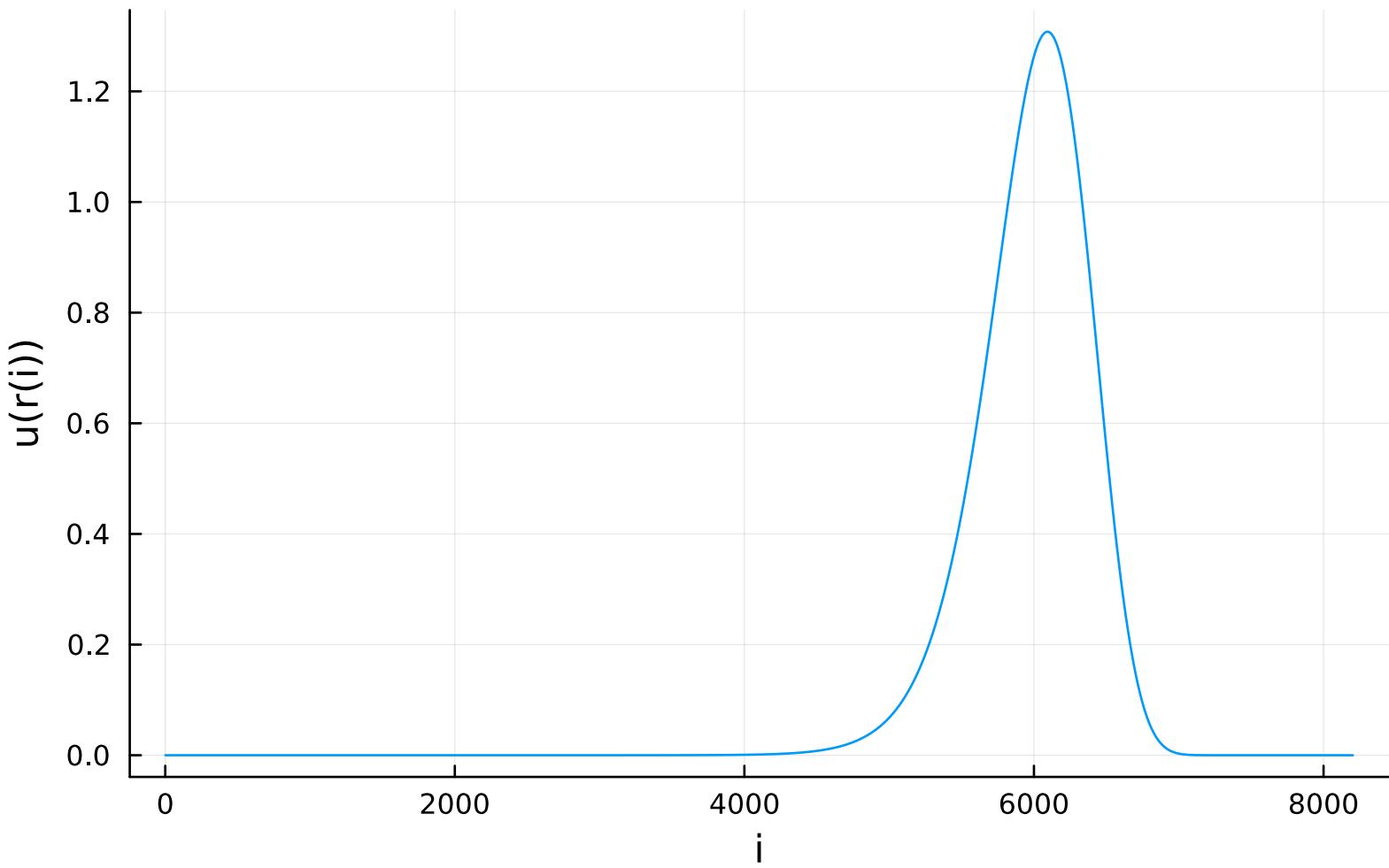
# Orbital 1s eigen energy -65.1849



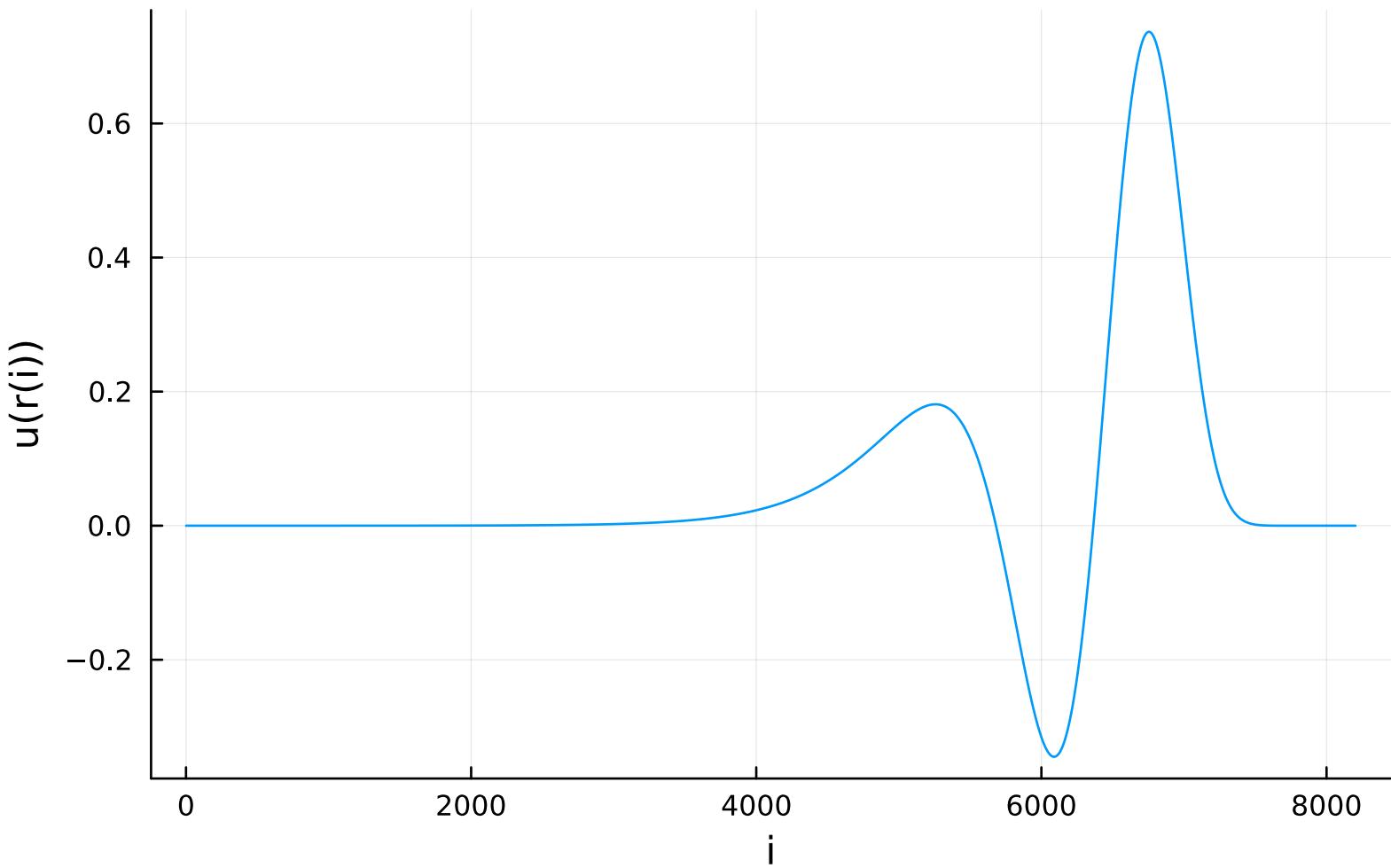
# Orbital 2s eigen energy -5.0753



# Orbital 2p eigen energy -3.5152



# Orbital 3s eigen energy -0.3984



# Orbital 3p eigen energy -0.1535

