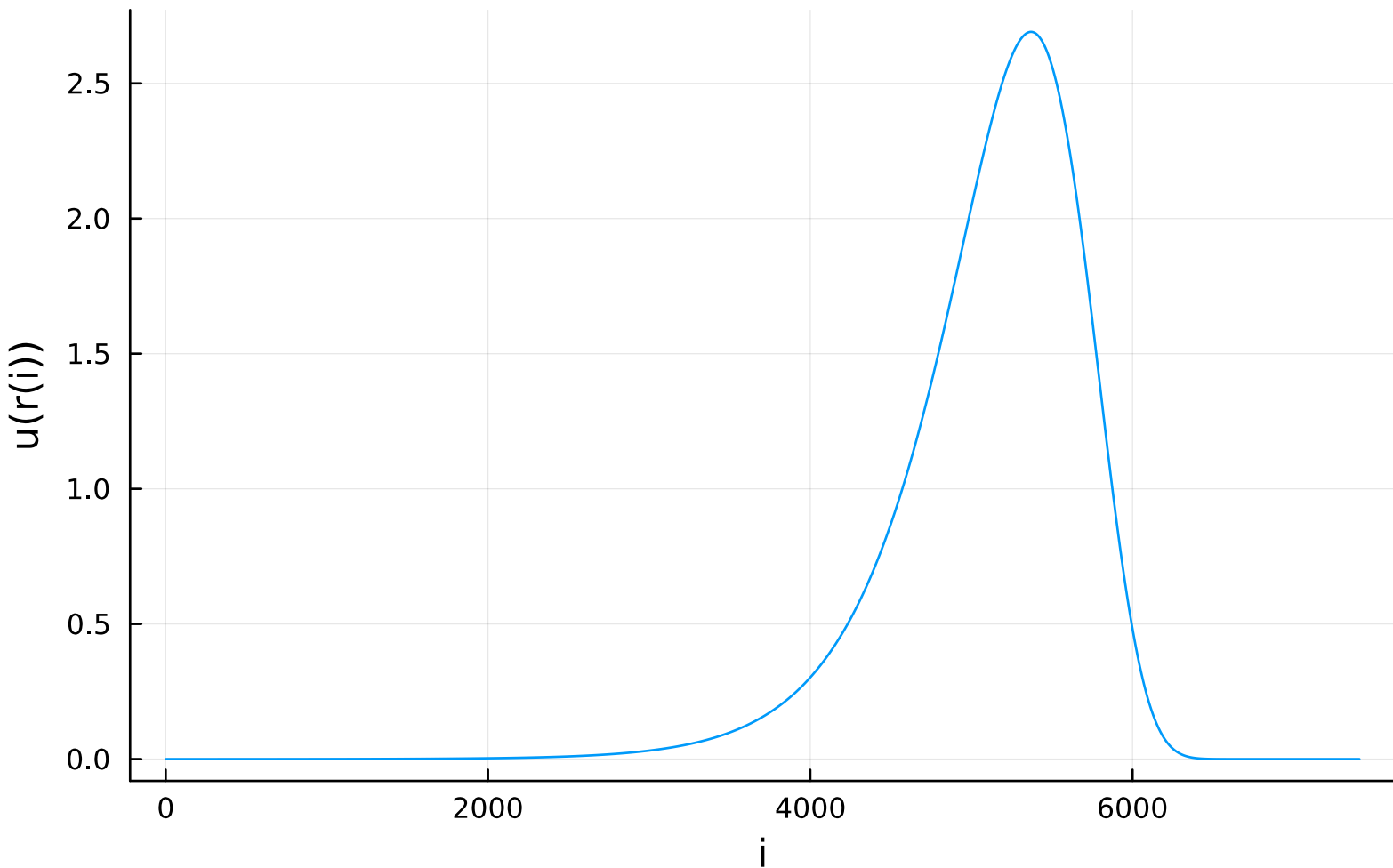
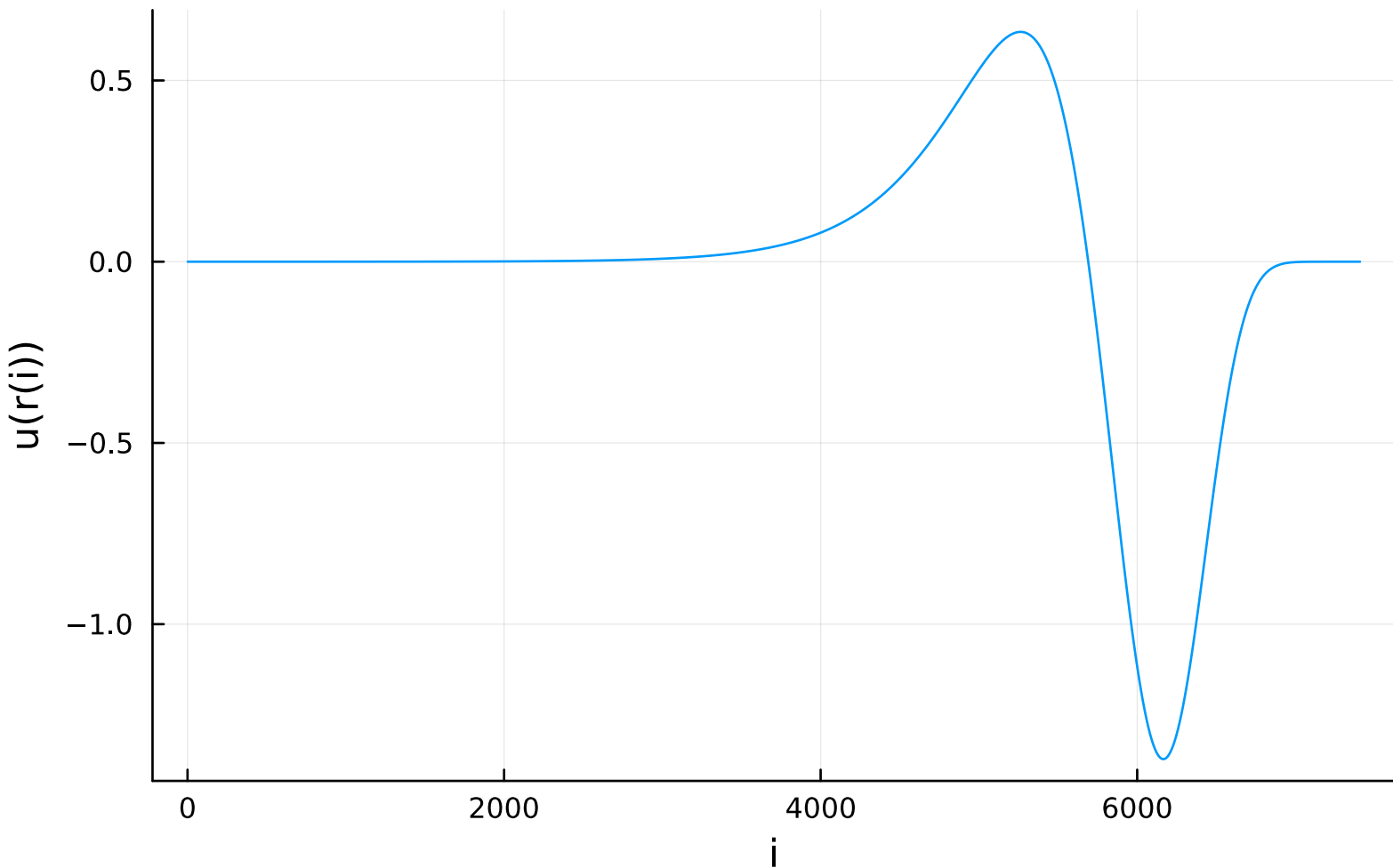


Silicon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	131.767814	132.667289	0.899475	0.006826
3p	-0.153293	-0.097999	0.055294	-0.360705
Etot	-288.198397	-288.149719	0.048678	-0.000169
2s	-5.075056	-5.007254	0.067802	-0.013360
3s	-0.398139	-0.352530	0.045609	-0.114555
Exc	-19.553276	-19.620852	0.067576	-0.003456
Ekin	287.487740	287.756455	0.268715	0.000935
2p	-3.514938	-3.446771	0.068167	-0.019394
1s	-65.184426	-65.111510	0.072916	-0.001119

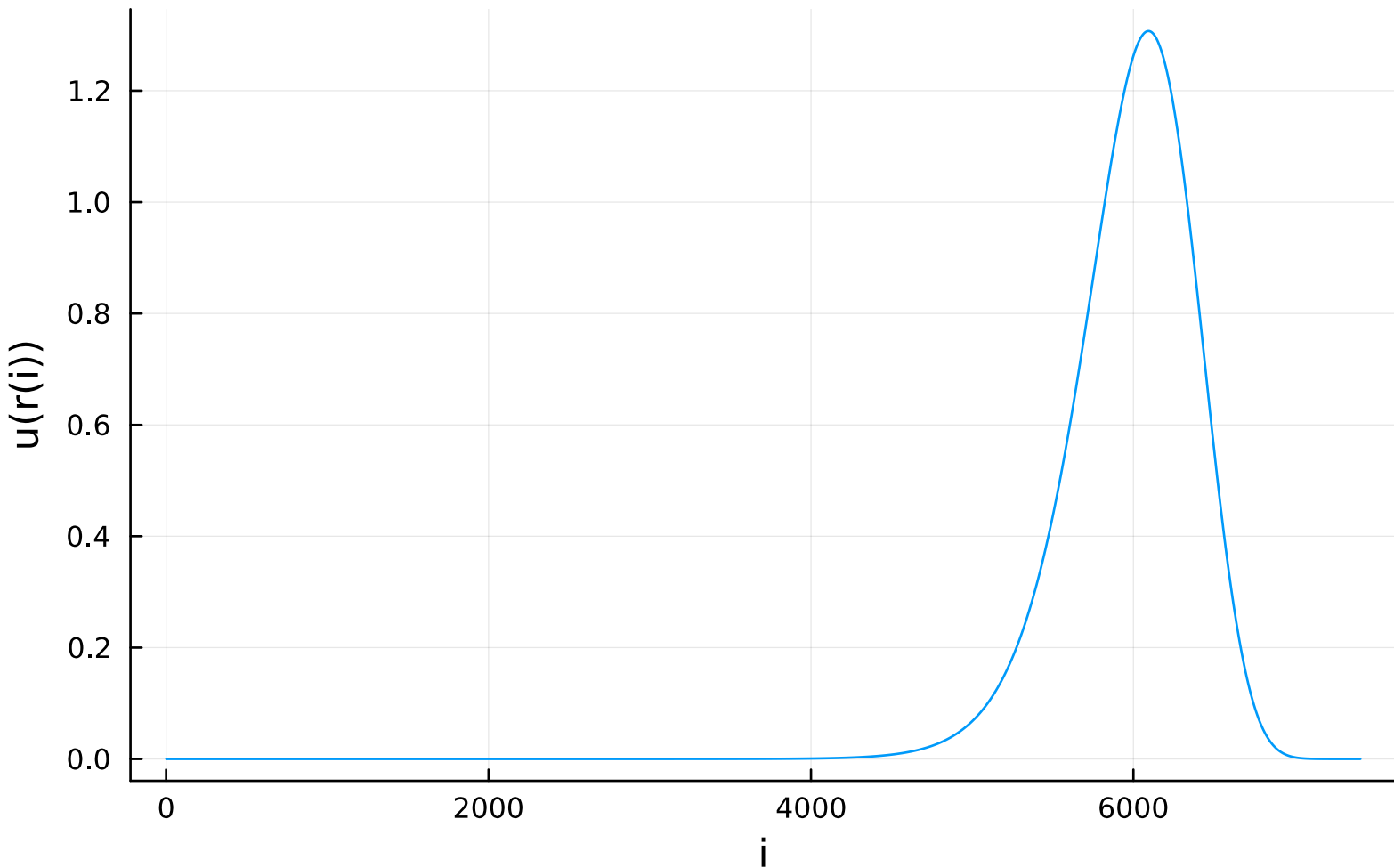
Orbital 1s eigen energy -65.1115



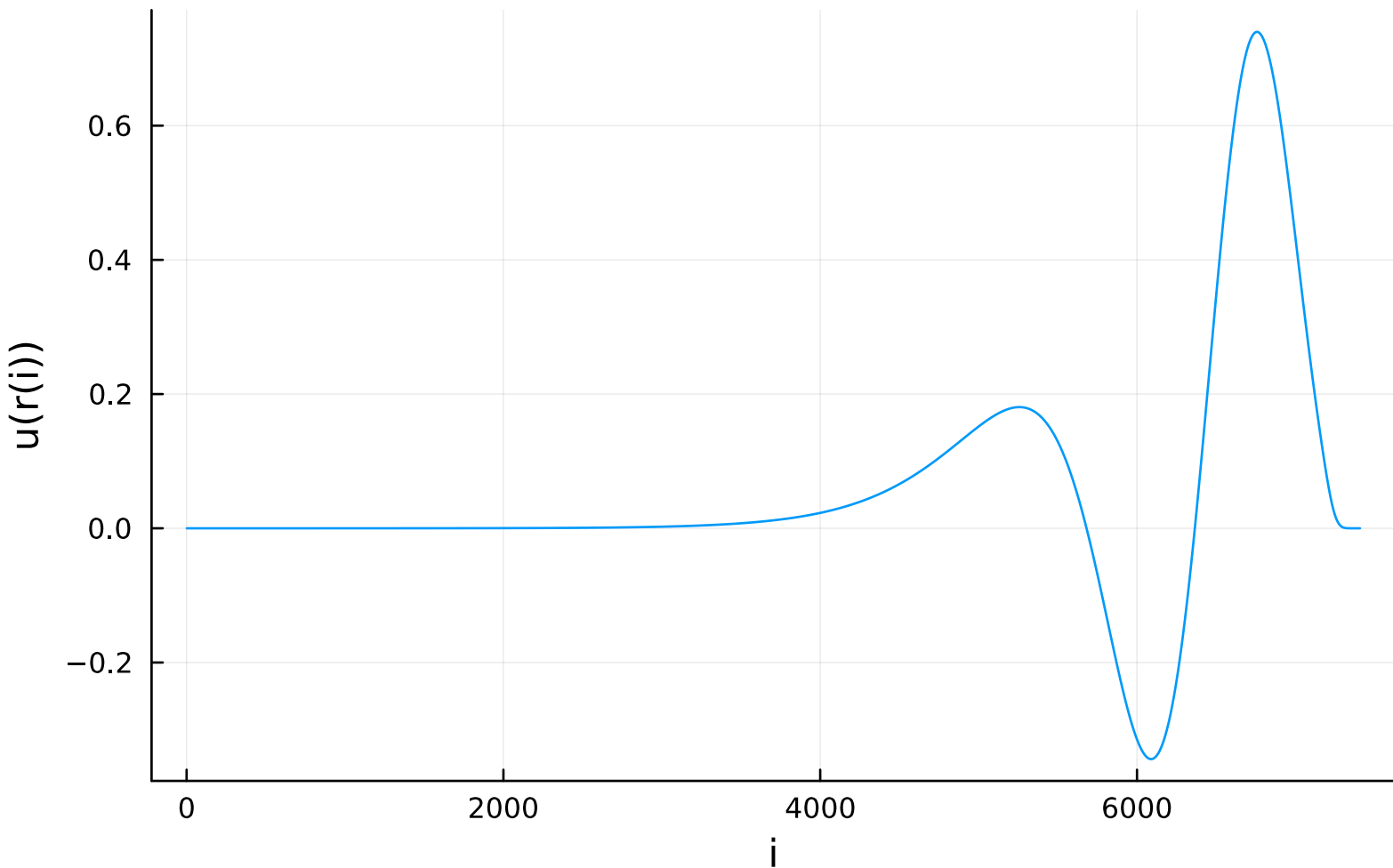
Orbital 2s eigen energy -5.0073



Orbital 2p eigen energy -3.4468



Orbital 3s eigen energy -0.3525



Orbital 3p eigen energy -0.0980

