Neon	E in Hartree			
Name	E NIST	E pred	|ΔE|	|ΔE|/E NIST
Ecoul	65.726488	65.722854	0.003634	0.000055
Etot	-128.233481	-128.233481	0.000000	-0.000000
2s	-1.322809	-1.323199	0.000390	-0.000295
Exc	-11.710430	-11.710149	0.000281	-0.000024
Ekin	127.738667	127.733975	0.004692	0.000037
2p	-0.498034	-0.498415	0.000381	-0.000765
1s	-30.305855	-30.306421	0.000566	-0.000019

Orbital 1s eigen energy -30.3064
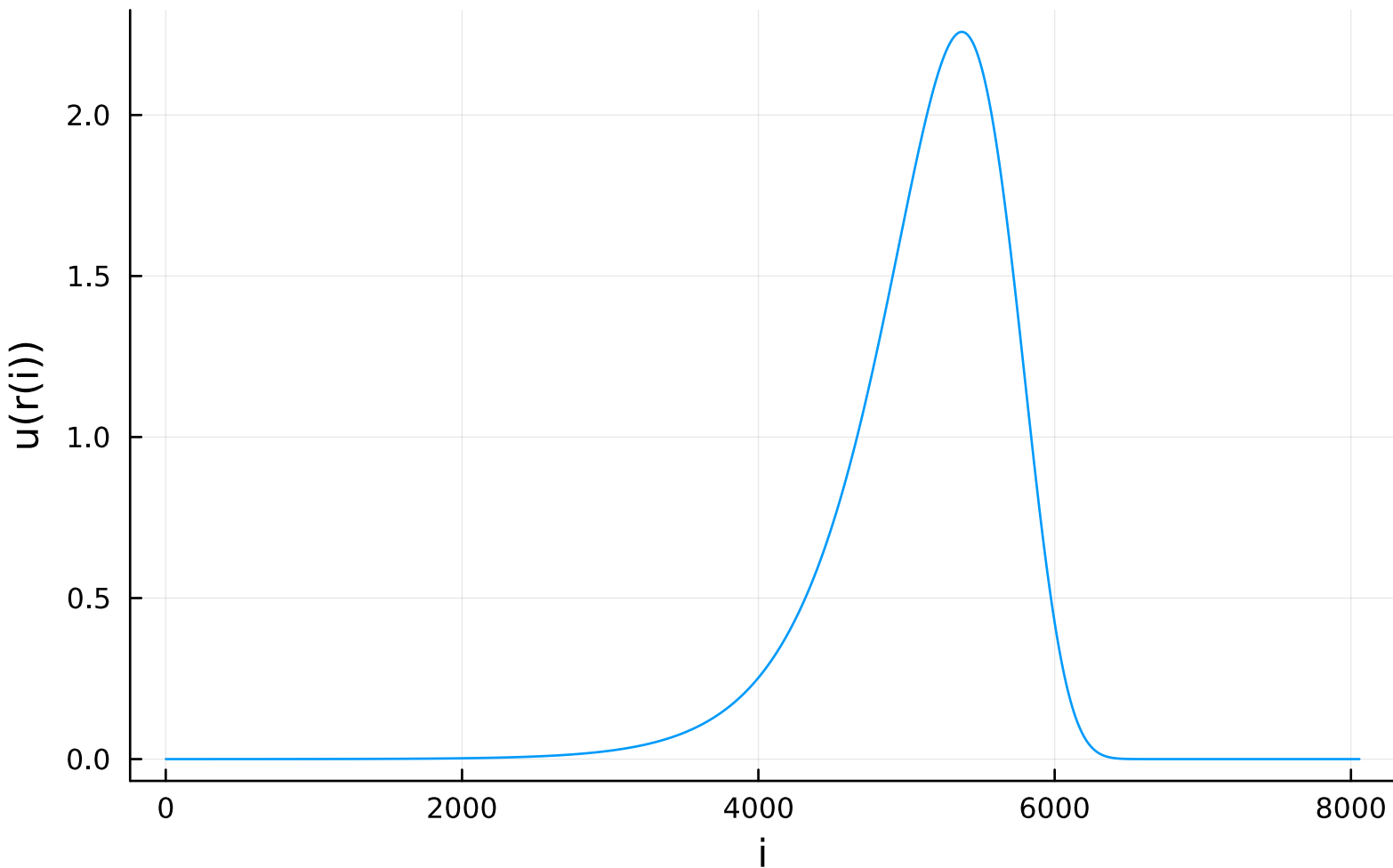
Orbital 2s eigen energy -1.3232
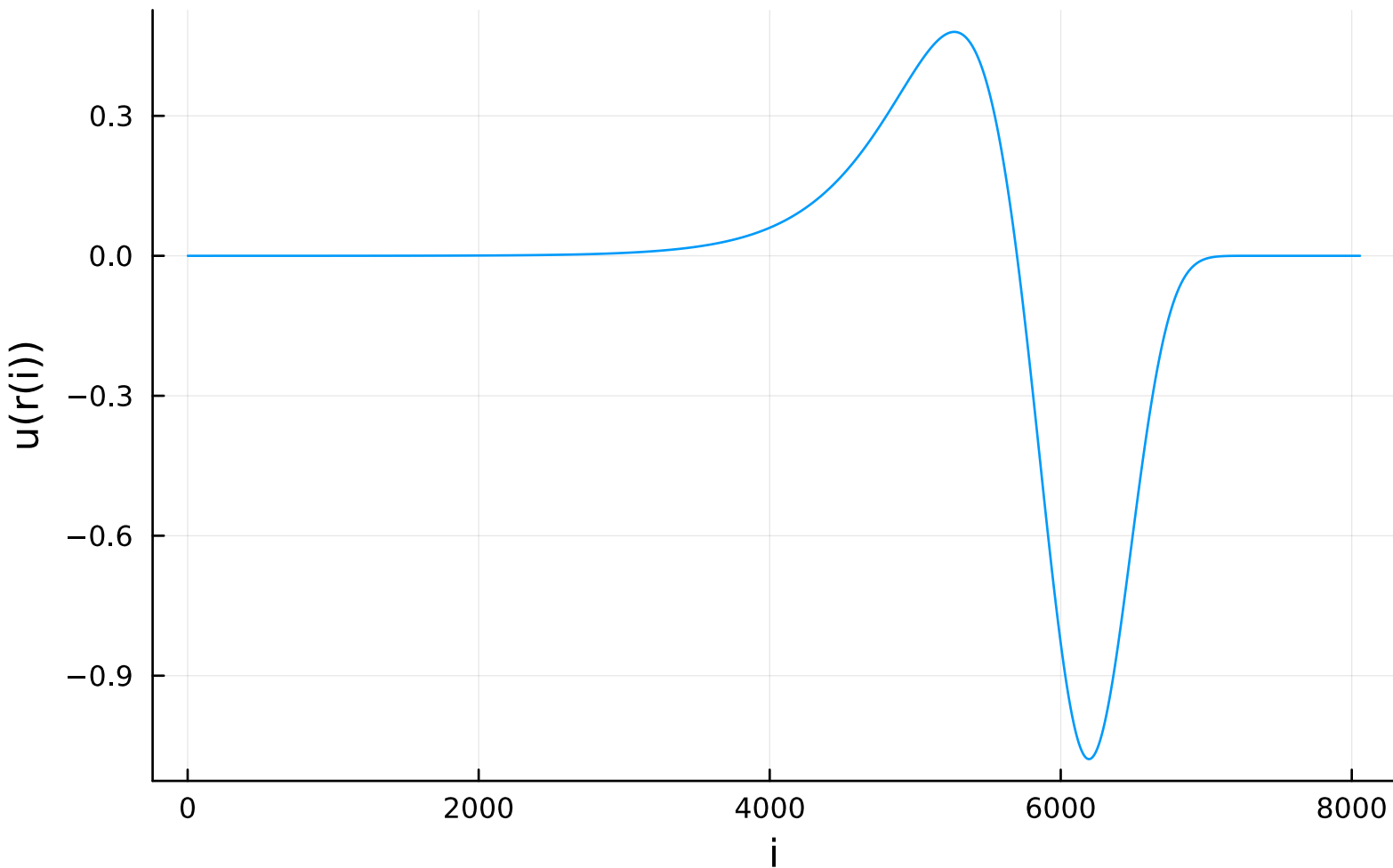
Orbital 2p eigen energy -0.4984