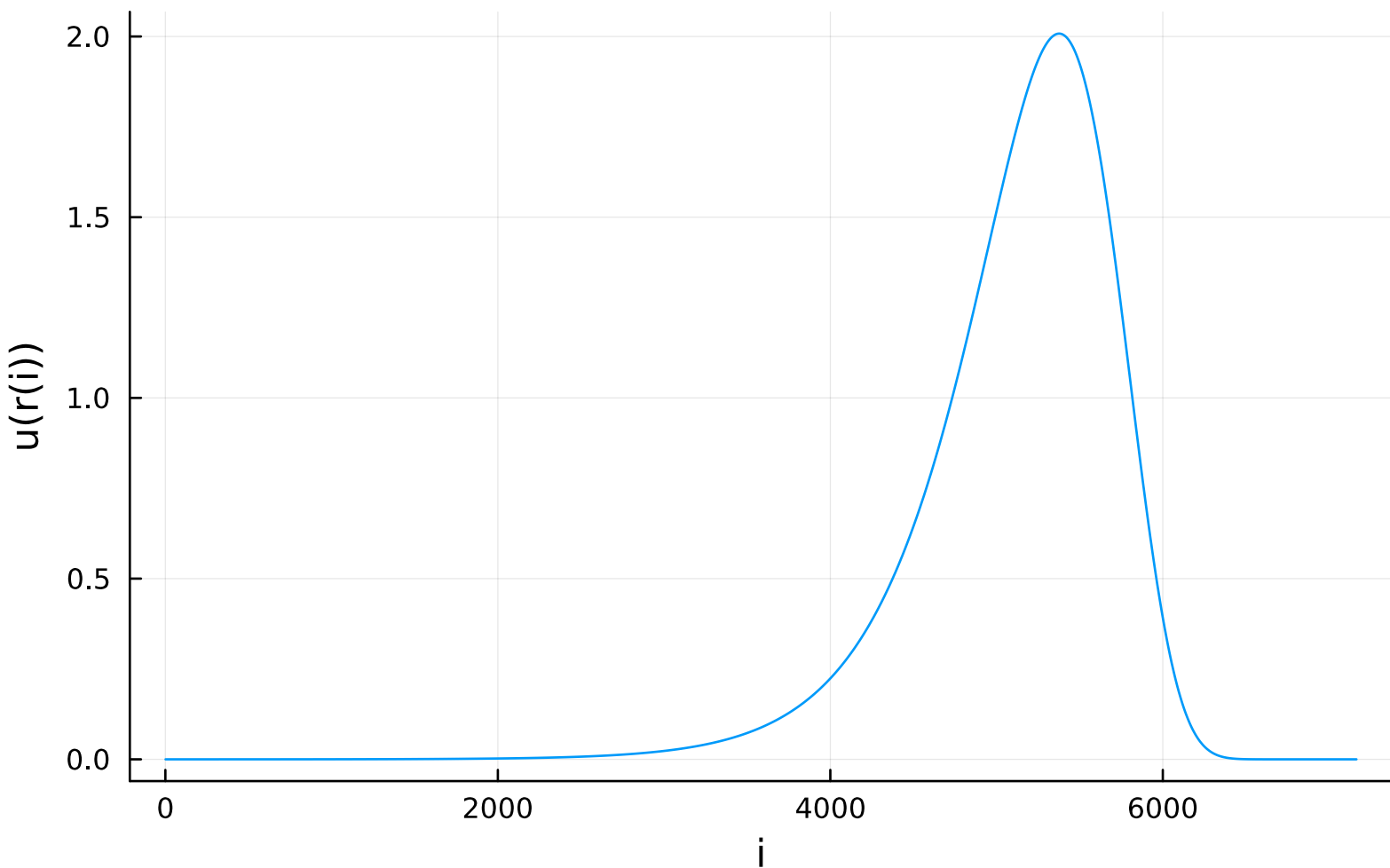
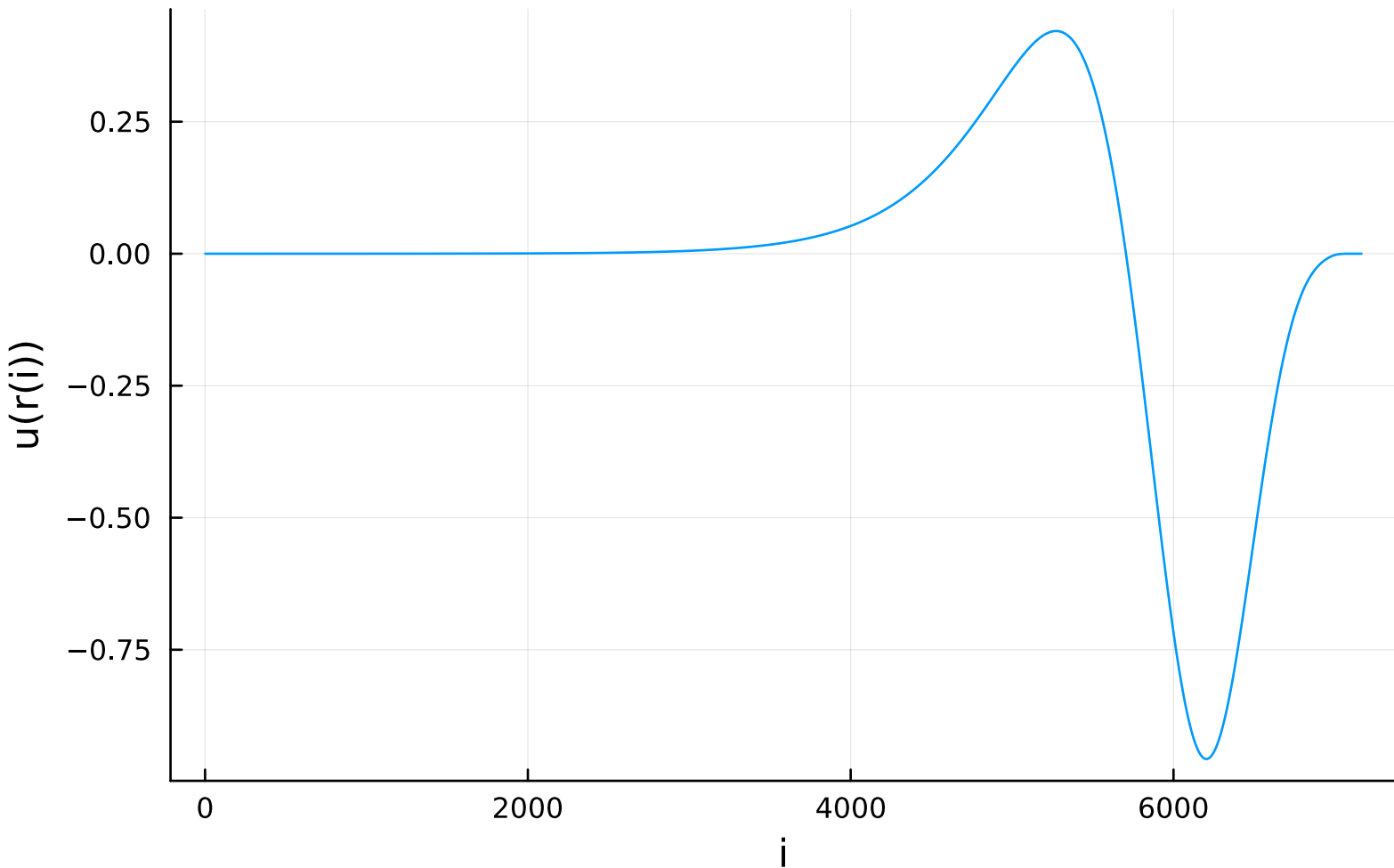


Oxygen	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	36.331102	36.380455	0.049353	0.001358
Etot	-74.473077	-74.470546	0.002531	-0.000034
2s	-0.871362	-0.865957	0.005405	-0.006203
Exc	-7.768482	-7.775128	0.006646	-0.000856
Ekin	74.116881	74.133588	0.016707	0.000225
2p	-0.338381	-0.332593	0.005788	-0.017104
1s	-18.758245	-18.750537	0.007708	-0.000411

Orbital 1s eigen energy -18.7505



Orbital 2s eigen energy -0.8660



Orbital 2p eigen energy -0.3326

