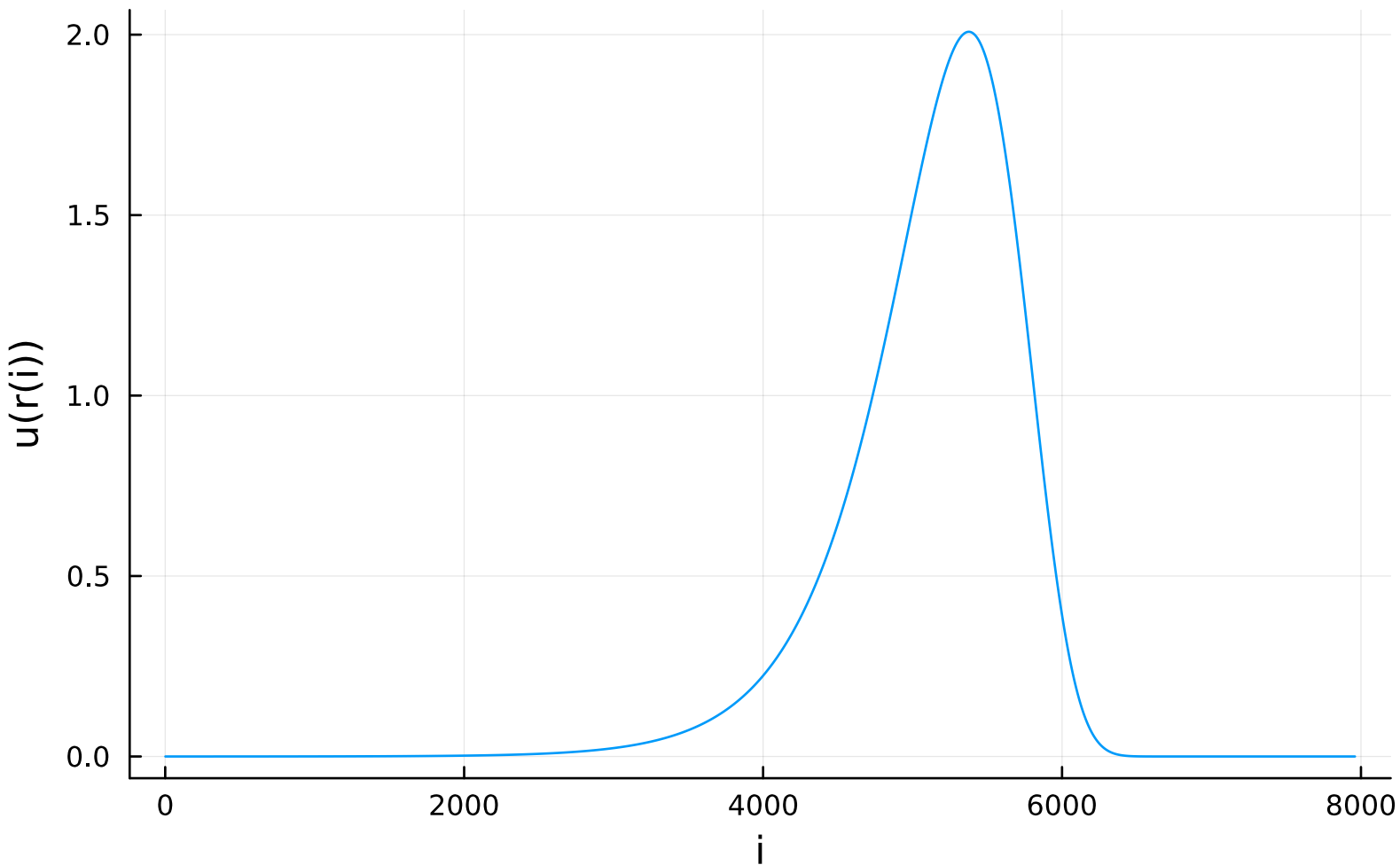
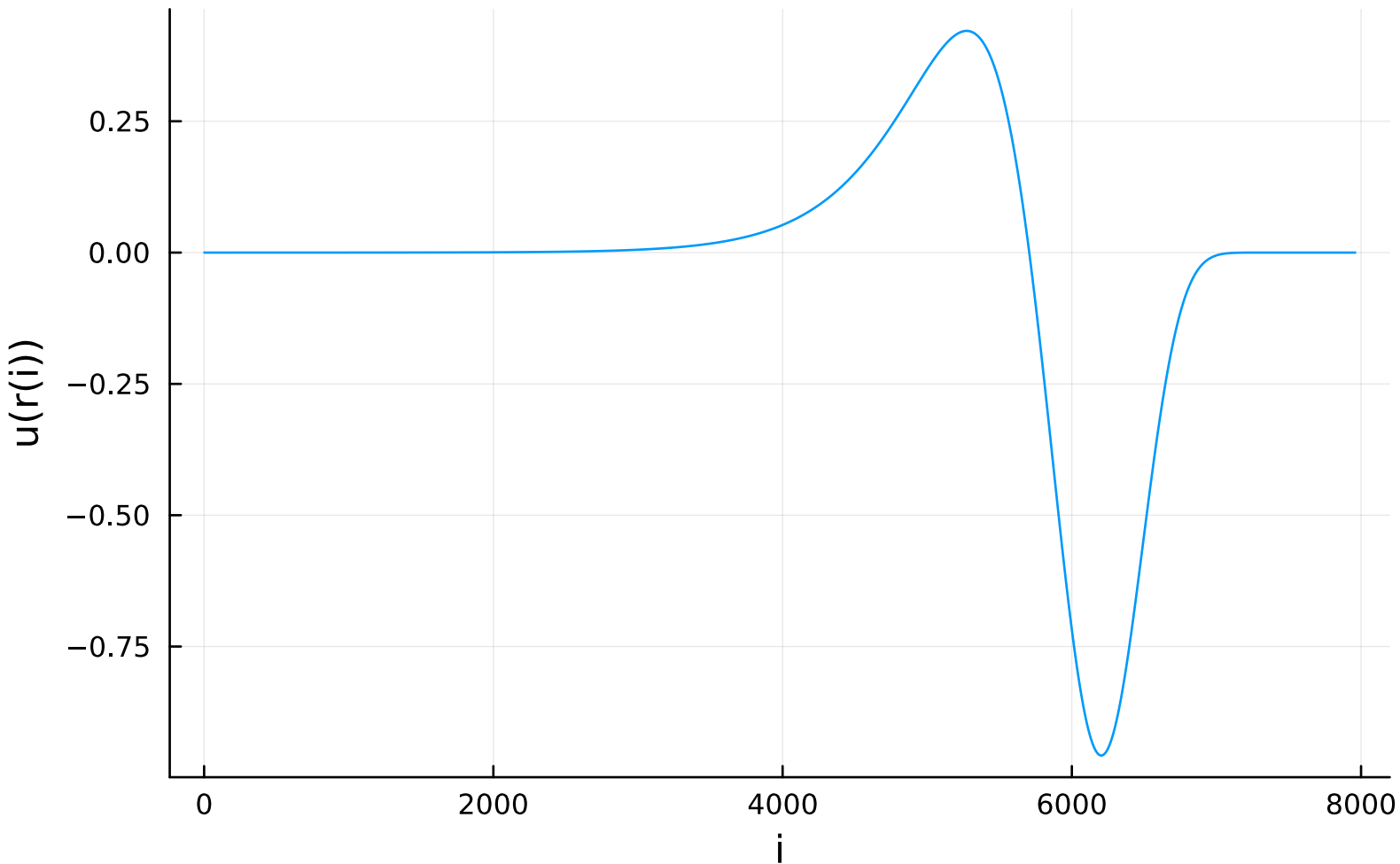


Oxygen	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	36.331102	36.330646	0.000456	0.000013
Etot	-74.473077	-74.473077	0.000000	-0.000000
2s	-0.871362	-0.871443	0.000081	-0.000093
Exc	-7.768482	-7.768426	0.000056	-0.000007
Ekin	74.116881	74.116517	0.000364	0.000005
2p	-0.338381	-0.338459	0.000078	-0.000231
1s	-18.758245	-18.758414	0.000169	-0.000009

# Orbital 1s eigen energy -18.7584



# Orbital 2s eigen energy -0.8714



# Orbital 2p eigen energy -0.3385

