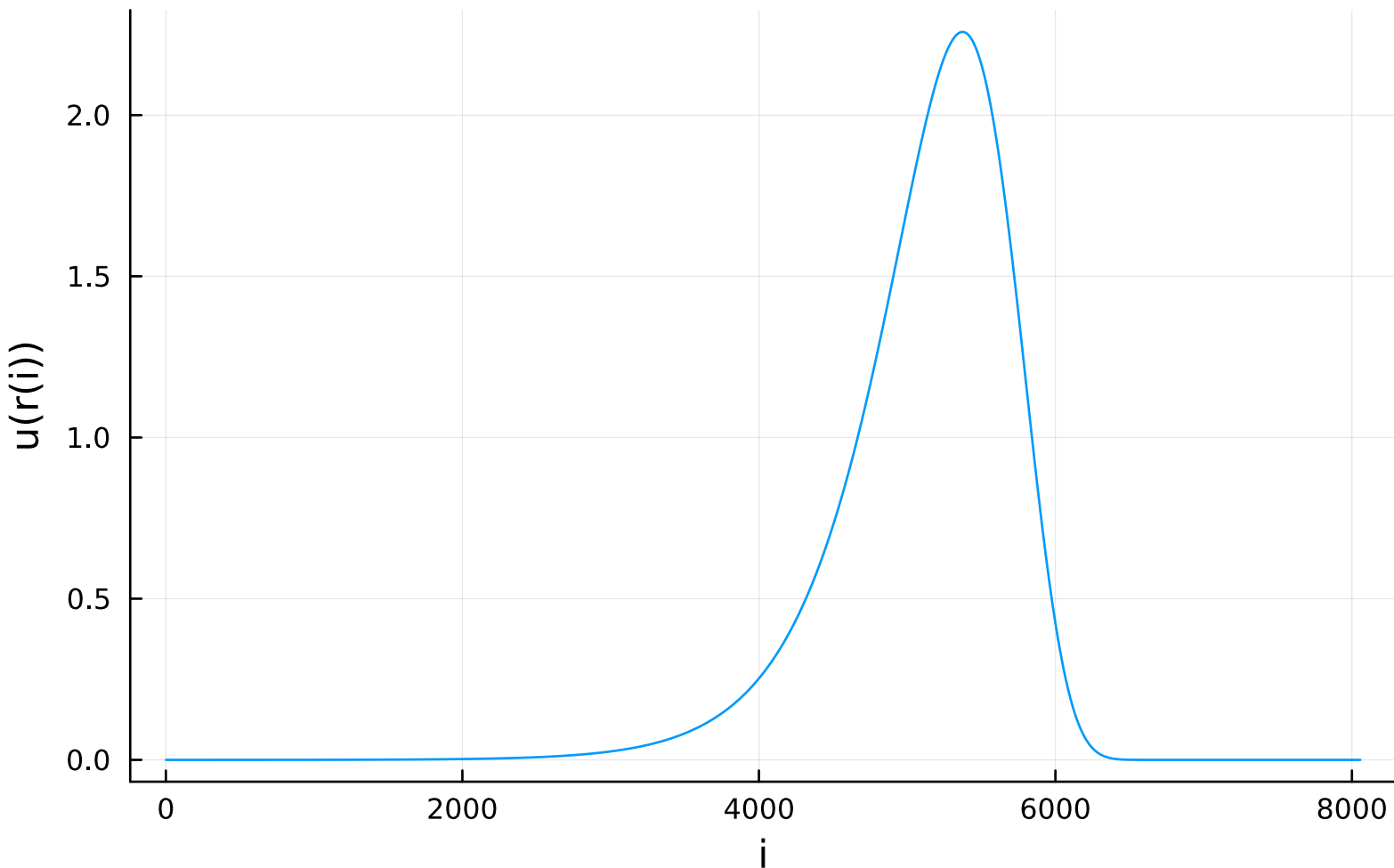
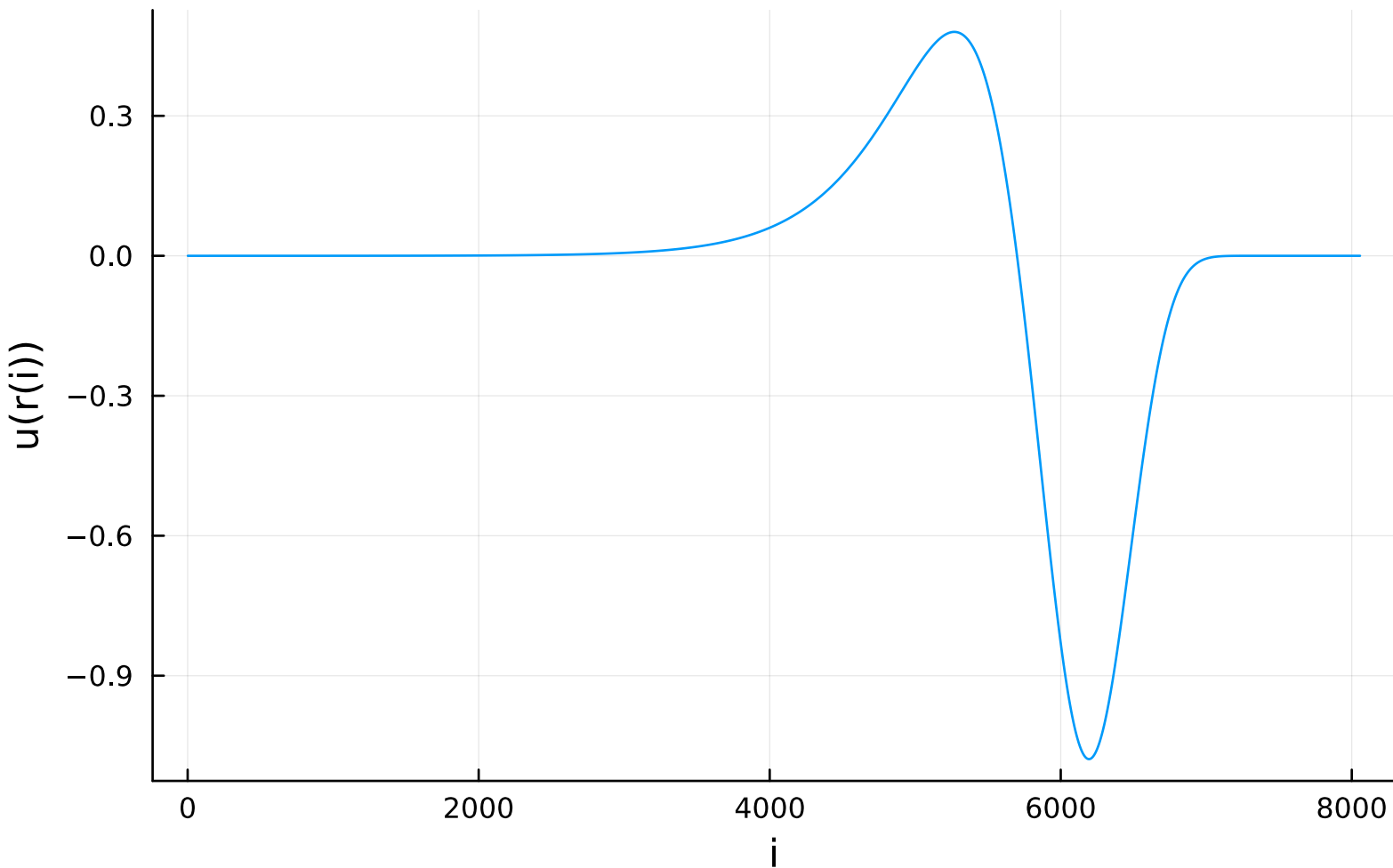


| | | | | |
|-------|--------------|-------------|--------------|---------------------|
| Neon | E in Hartree | | | |
| Name | E NIST | E pred | $ \Delta E $ | $ \Delta E /E$ NIST |
| Ecoul | 65.726488 | 65.721550 | 0.004938 | 0.000075 |
| Etot | -128.233481 | -128.233482 | 0.000001 | -0.000000 |
| 2s | -1.322809 | -1.323314 | 0.000505 | -0.000382 |
| Exc | -11.710430 | -11.710041 | 0.000389 | -0.000033 |
| Ekin | 127.738667 | 127.732197 | 0.006470 | 0.000051 |
| 2p | -0.498034 | -0.498527 | 0.000493 | -0.000990 |
| 1s | -30.305855 | -30.306586 | 0.000731 | -0.000024 |

Orbital 1s eigen energy -30.3066



Orbital 2s eigen energy -1.3233



Orbital 2p eigen energy -0.4985

