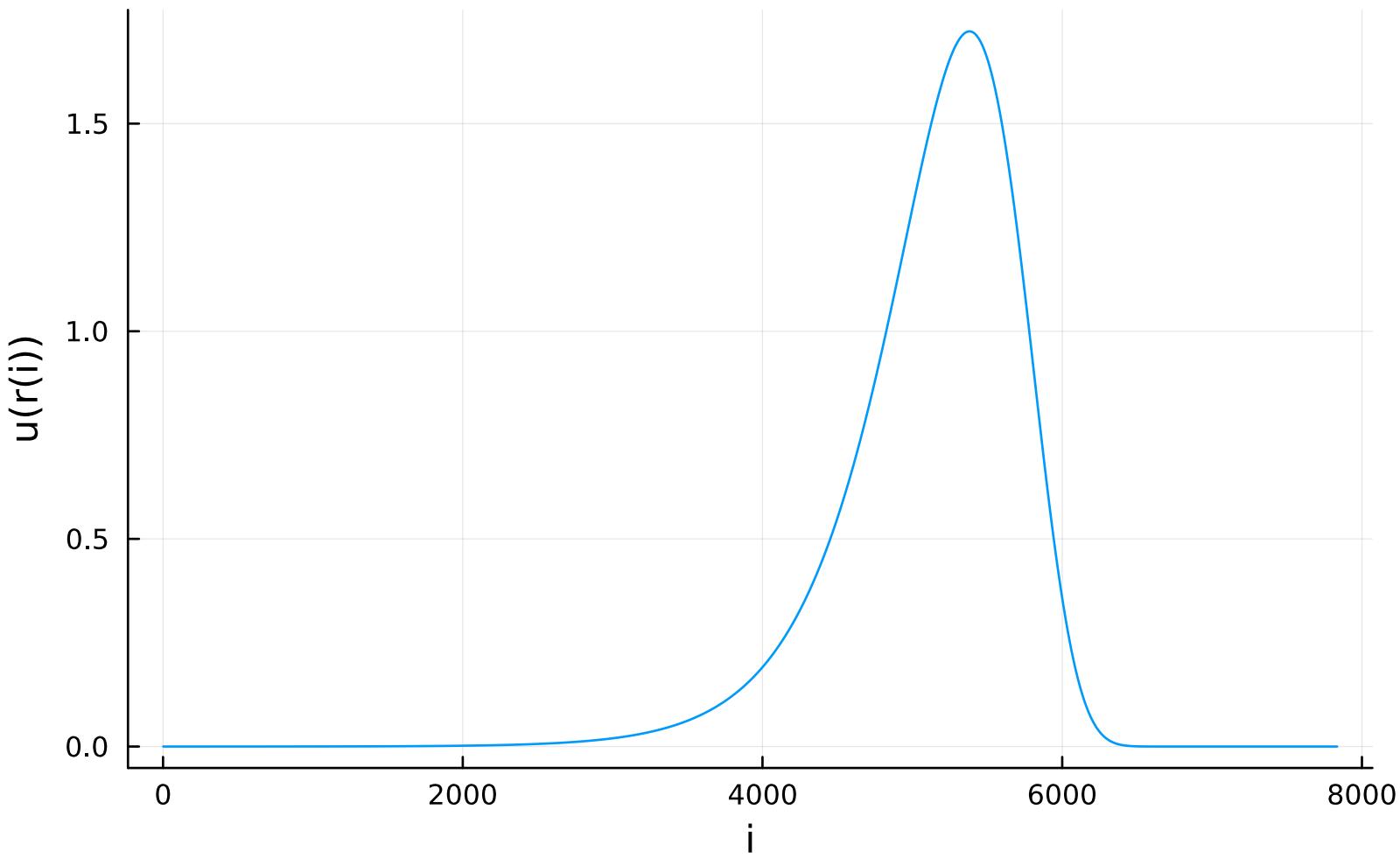
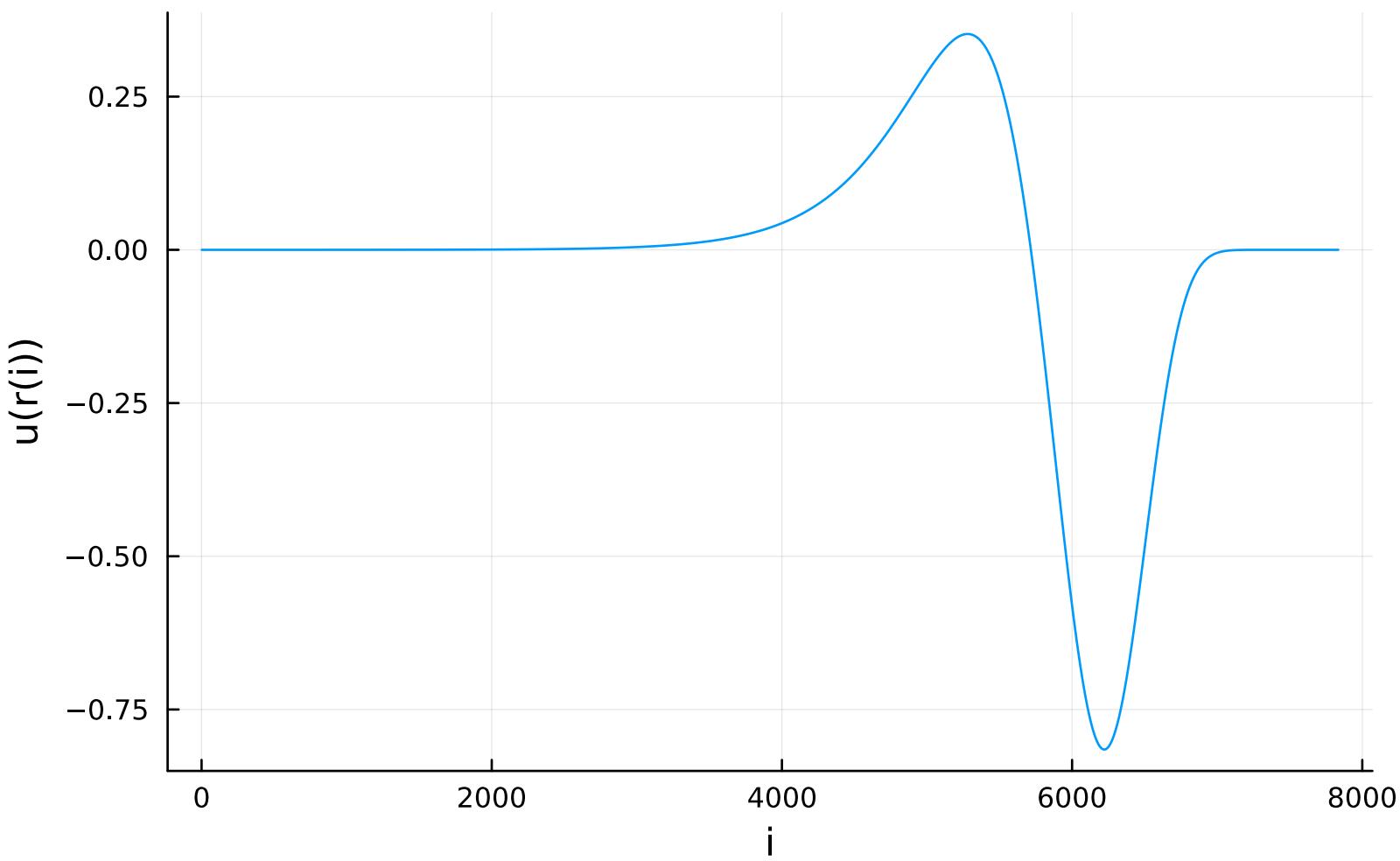


| Carbon | E in Hartree | | | |
|--------|--------------|------------|----------|------------|
| Name | E NIST | E pred | ΔE | ΔE /E NIST |
| Ecoul | 17.627997 | 17.627998 | 0.000001 | 0.000000 |
| Etot | -37.425749 | -37.425749 | 0.000000 | -0.000000 |
| 2s | -0.500866 | -0.500867 | 0.000001 | -0.000003 |
| Exc | -4.728724 | -4.728724 | 0.000000 | -0.000000 |
| Ekin | 37.190391 | 37.190391 | 0.000000 | 0.000000 |
| 2p | -0.199186 | -0.199187 | 0.000001 | -0.000004 |
| 1s | -9.947718 | -9.947720 | 0.000002 | -0.000000 |

Orbital 1s eigen energy -9.9477



Orbital 2s eigen energy -0.5009



Orbital 2p eigen energy -0.1992

