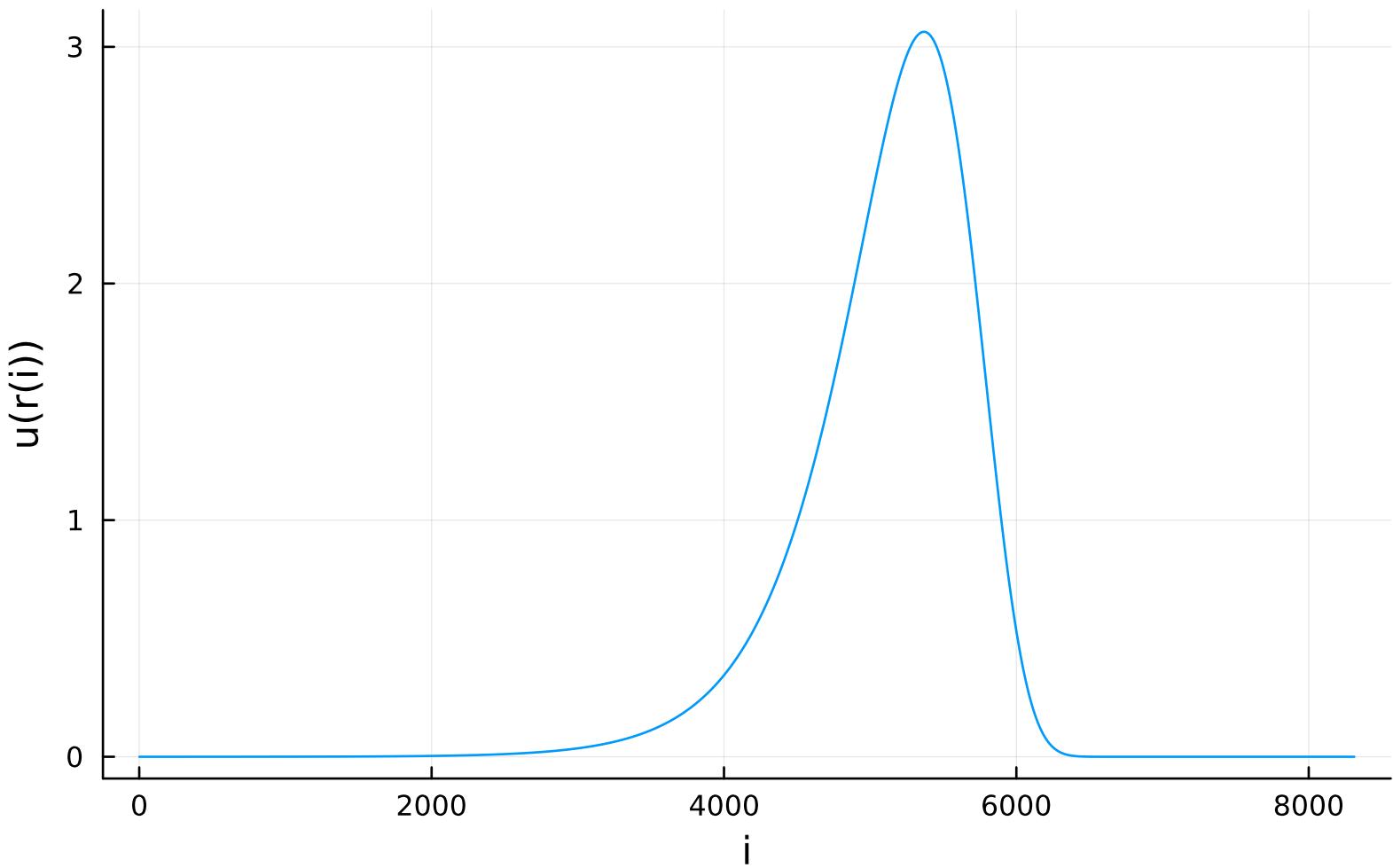
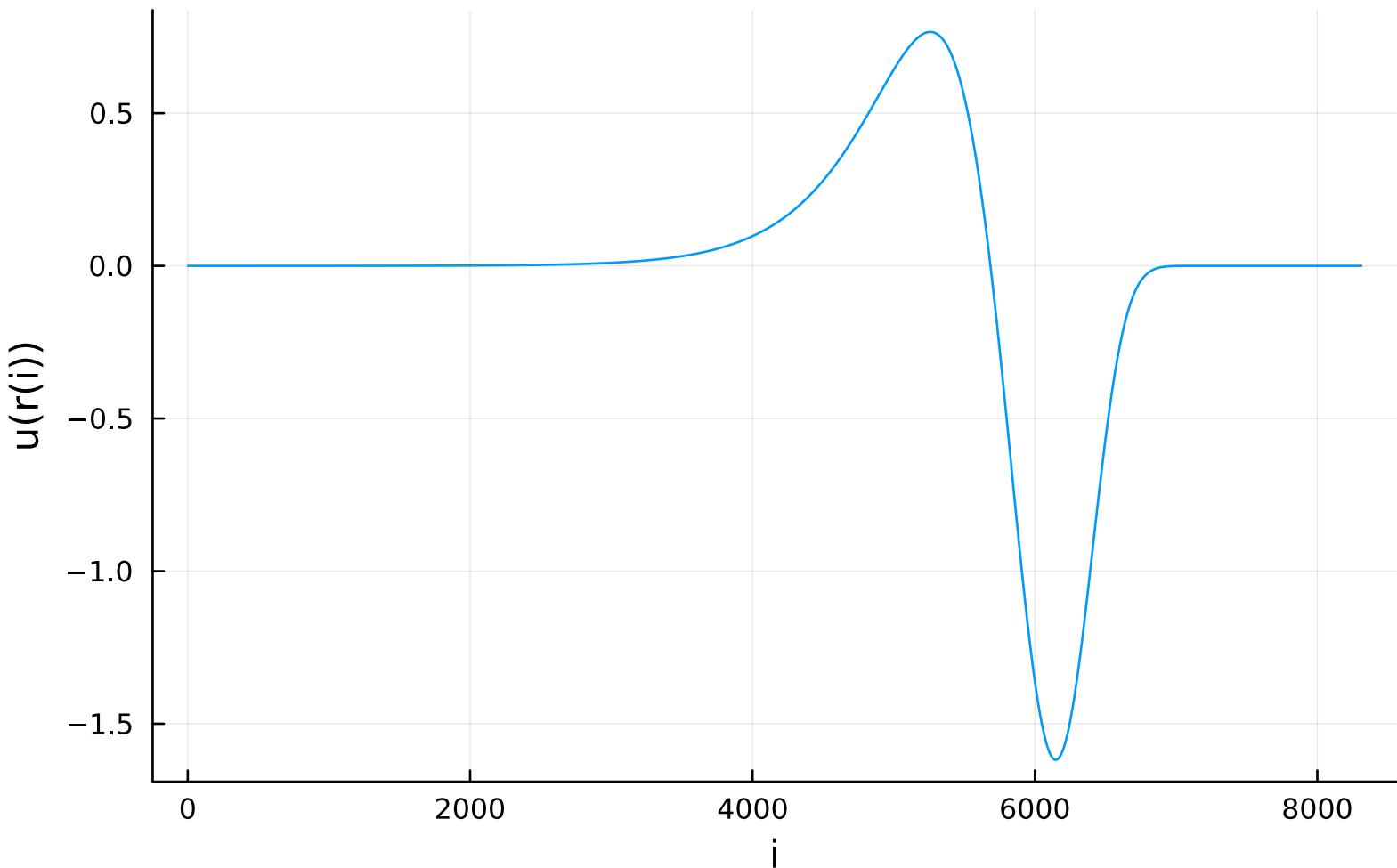


| Argon | E in Hartree | | | |
|-------|--------------|-------------|----------|------------|
| Name | E NIST | E pred | ΔE | ΔE /E NIST |
| Ecoul | 231.458124 | 231.451105 | 0.007019 | 0.000030 |
| 3p | -0.382330 | -0.382725 | 0.000395 | -0.001033 |
| Etot | -525.946195 | -525.946195 | 0.000000 | -0.000000 |
| 2s | -10.794172 | -10.794584 | 0.000412 | -0.000038 |
| 3s | -0.883384 | -0.883777 | 0.000393 | -0.000445 |
| Exc | -29.242149 | -29.241668 | 0.000481 | -0.000016 |
| Ekin | 524.969812 | 524.954373 | 0.015439 | 0.000029 |
| 2p | -8.443439 | -8.443841 | 0.000402 | -0.000048 |
| 1s | -113.800134 | -113.800806 | 0.000672 | -0.000006 |

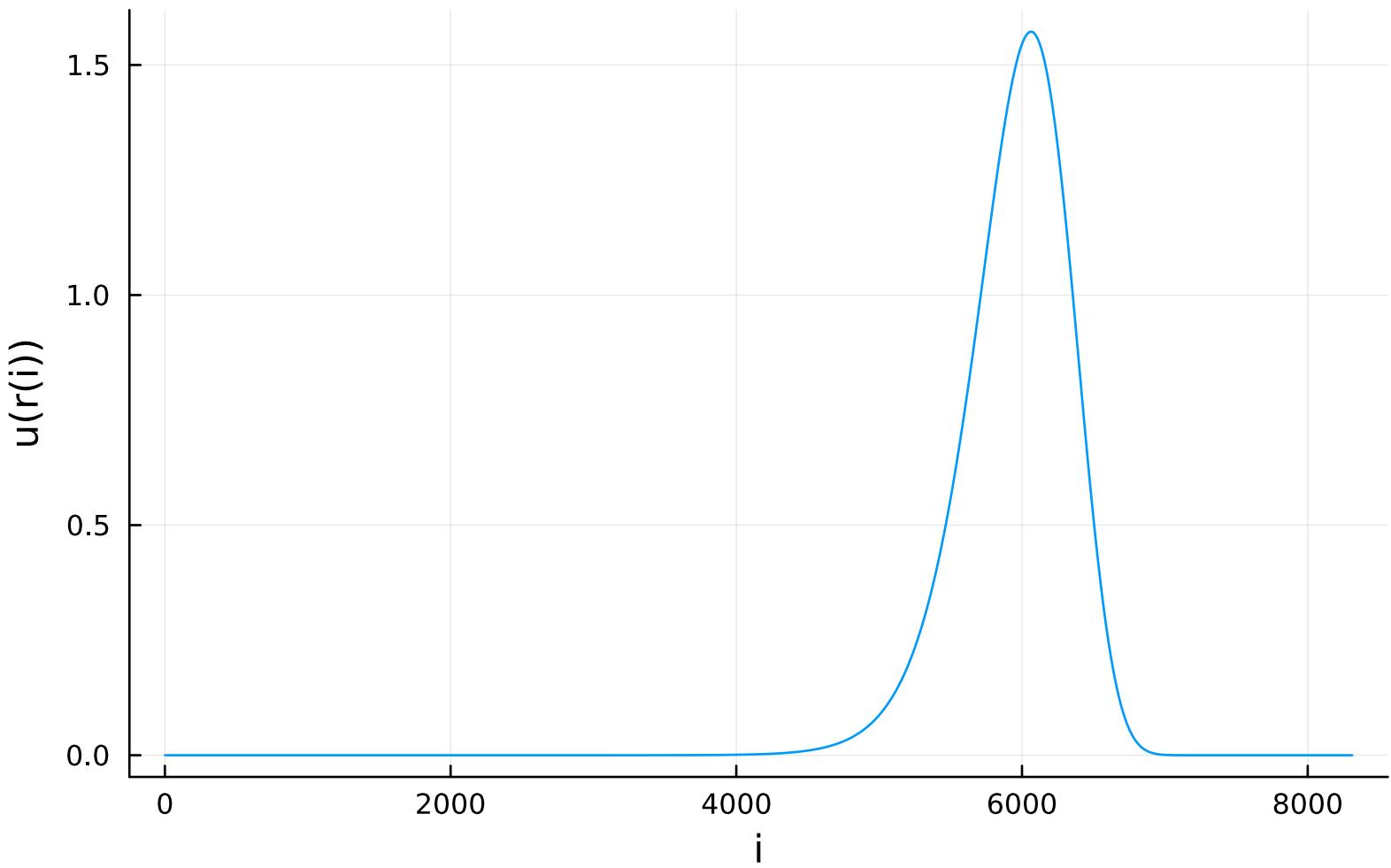
Orbital 1s eigen energy -113.8008



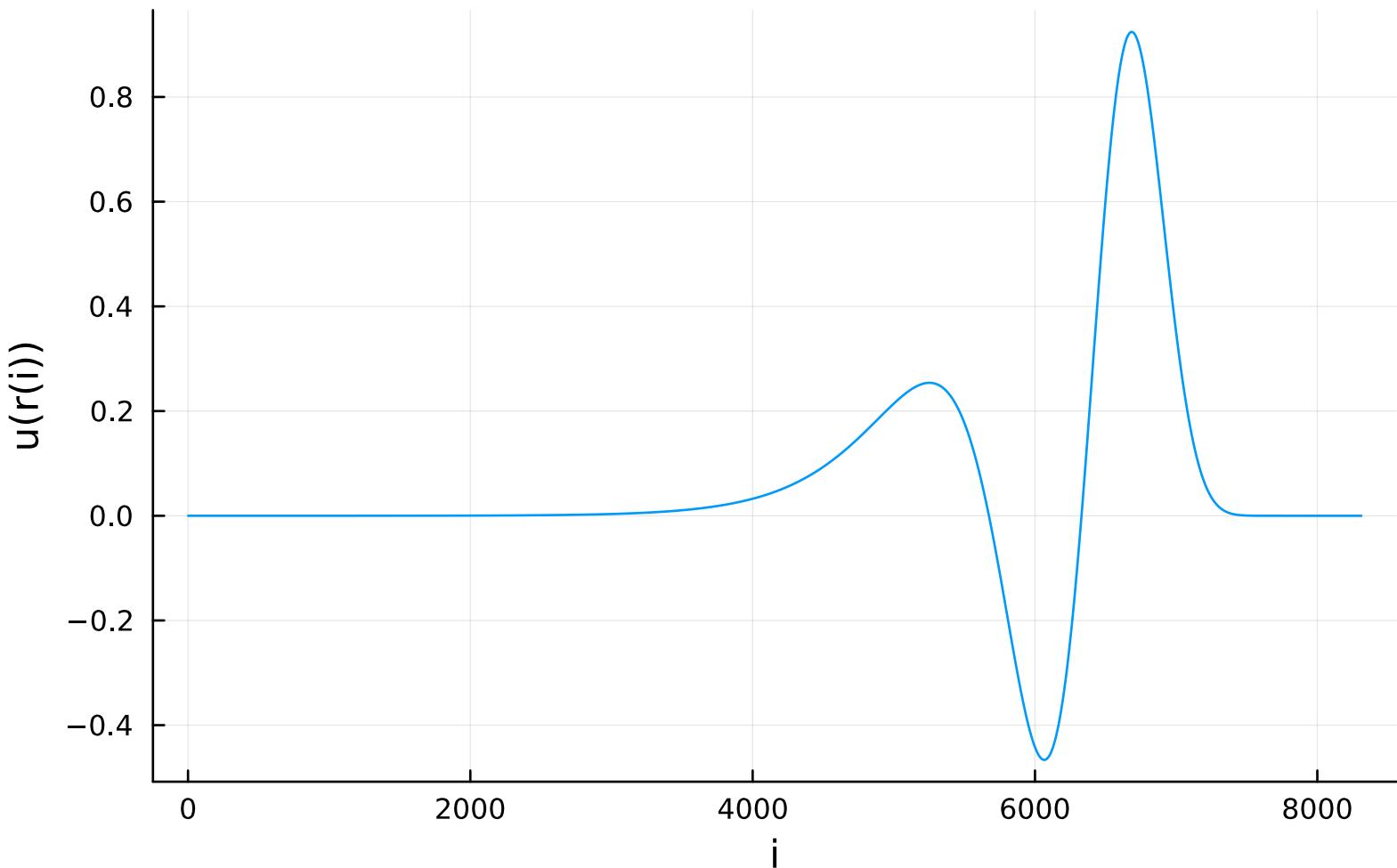
Orbital 2s eigen energy -10.7946



Orbital 2p eigen energy -8.4438



Orbital 3s eigen energy -0.8838



Orbital 3p eigen energy -0.3827

