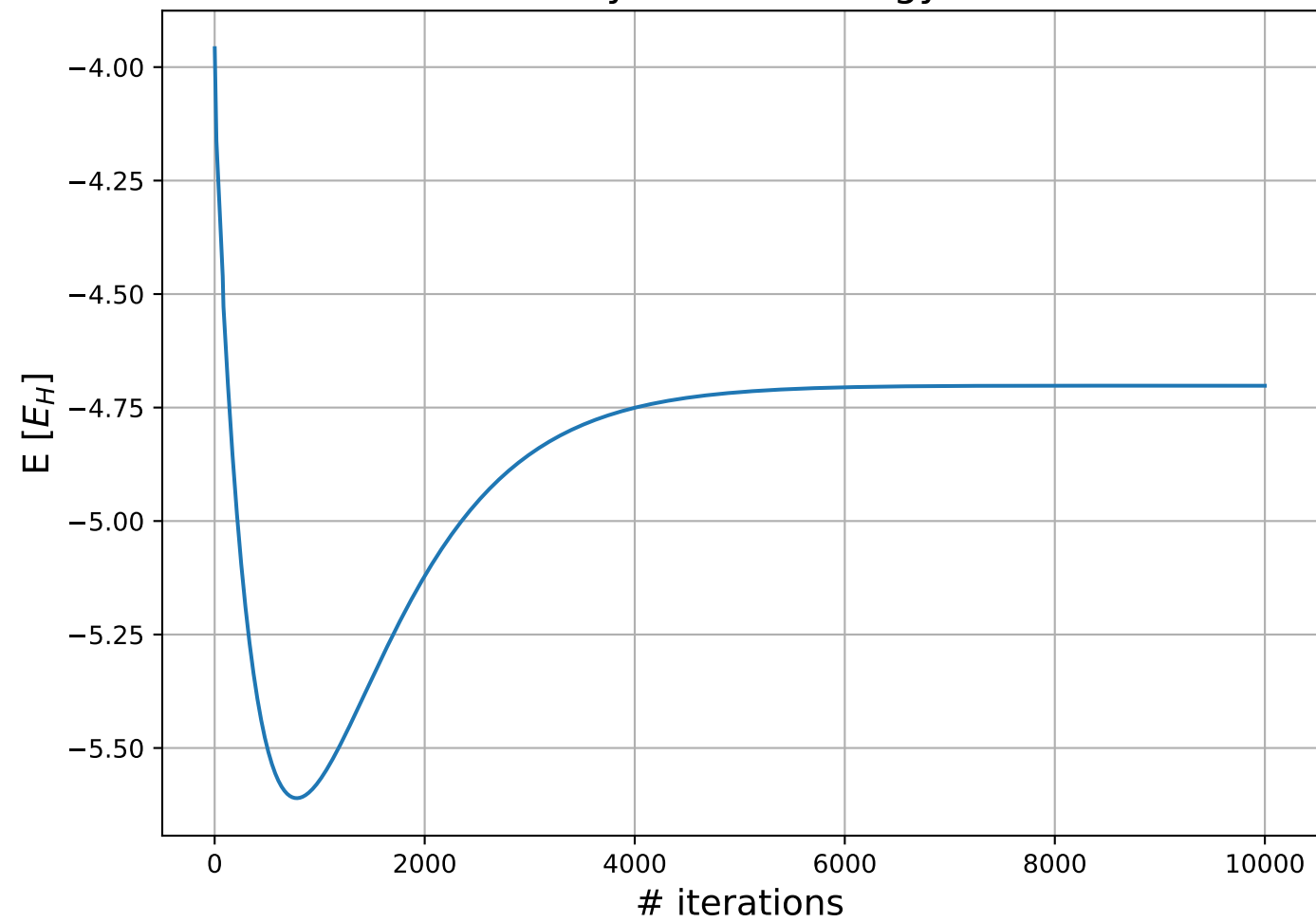
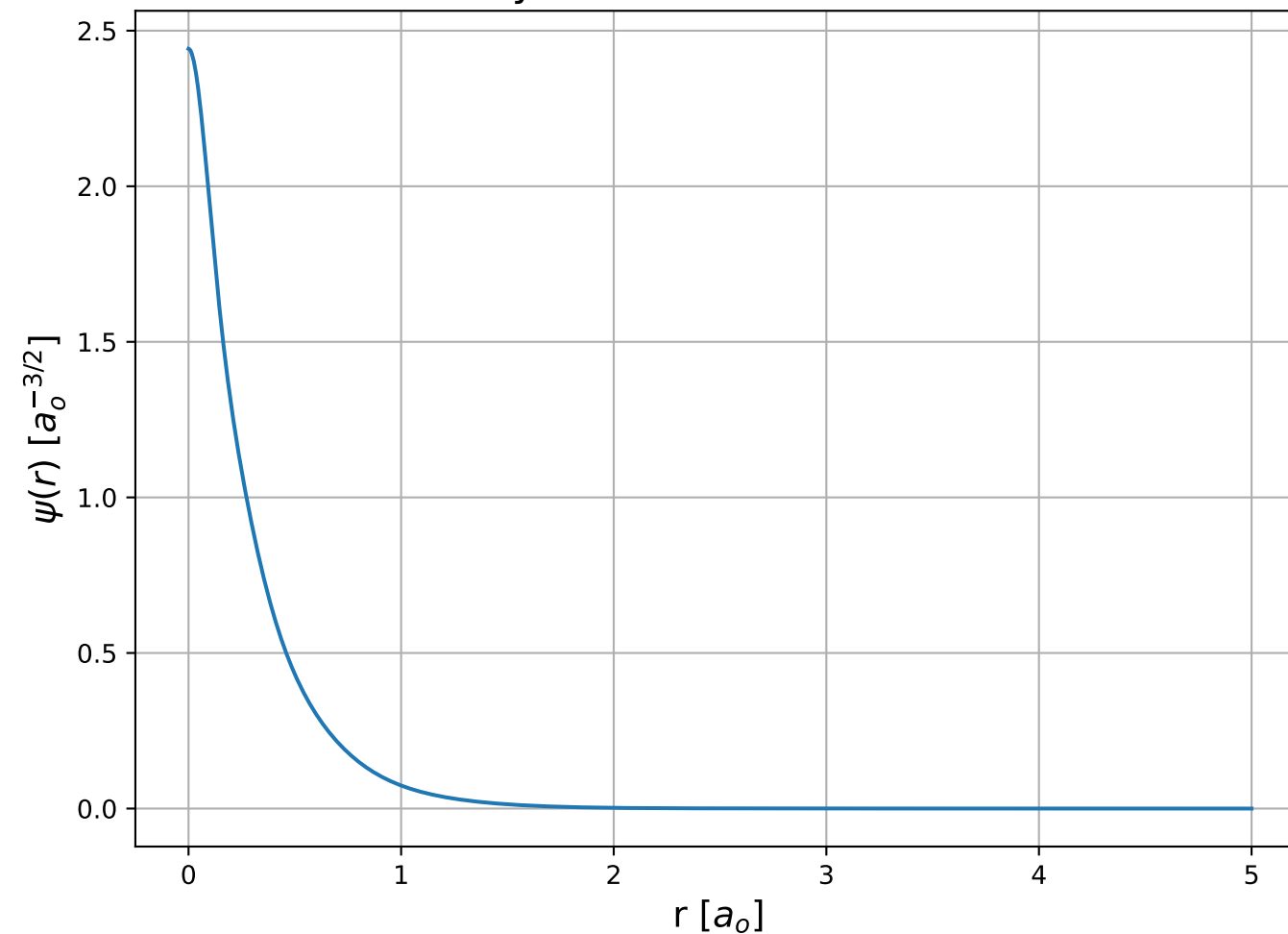


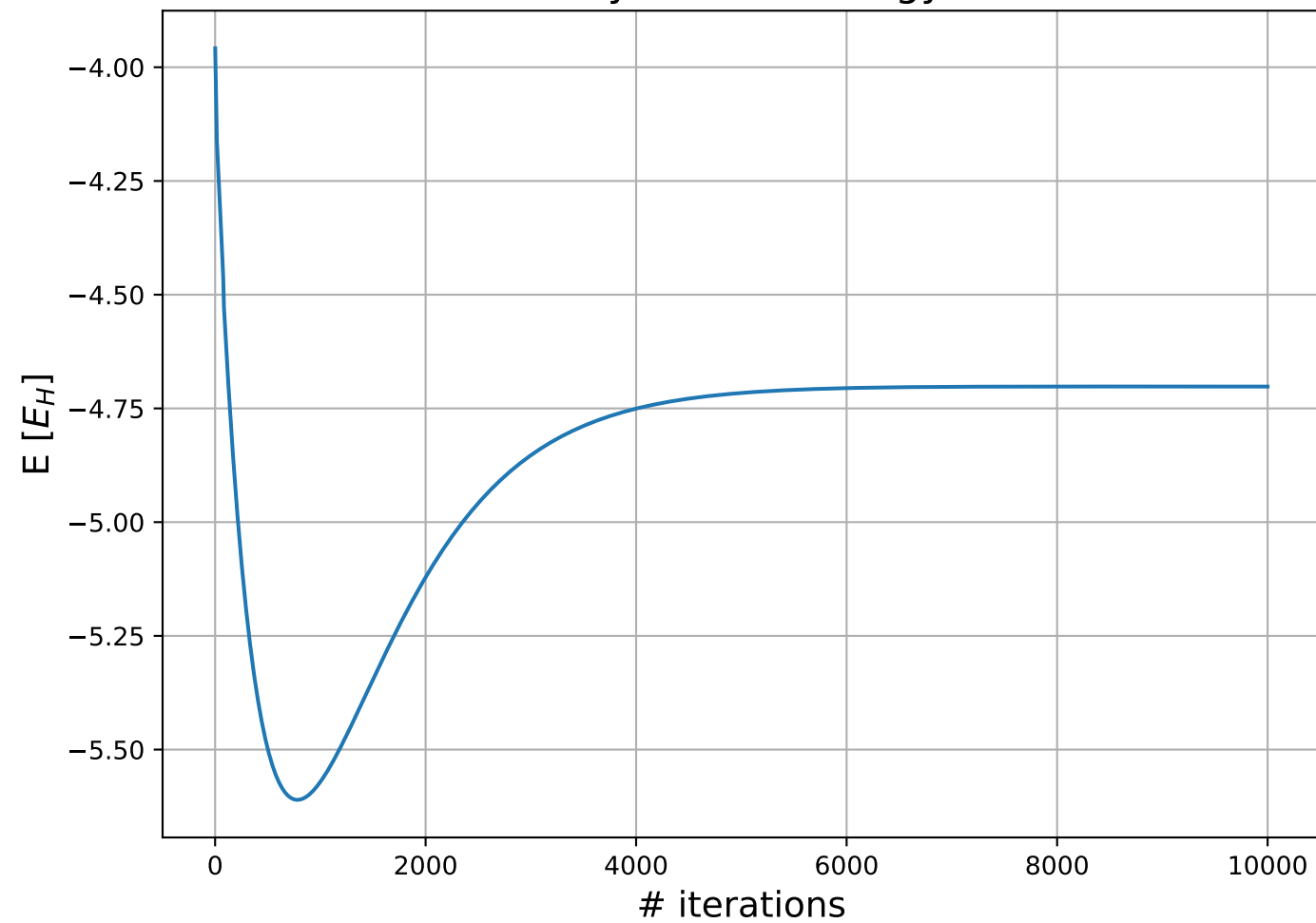
### Beryllium 1s energy



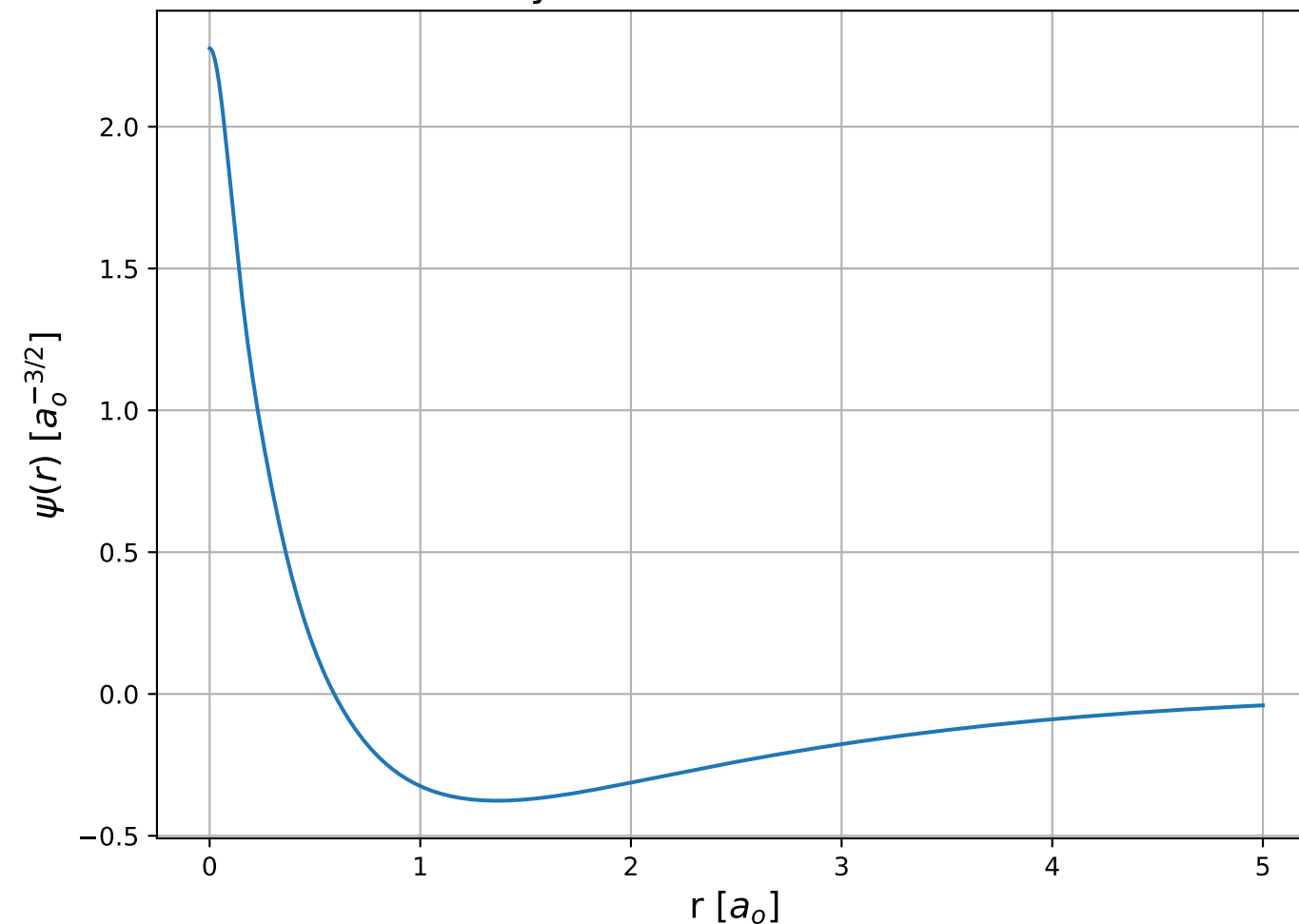
### Beryllium 1s wave function



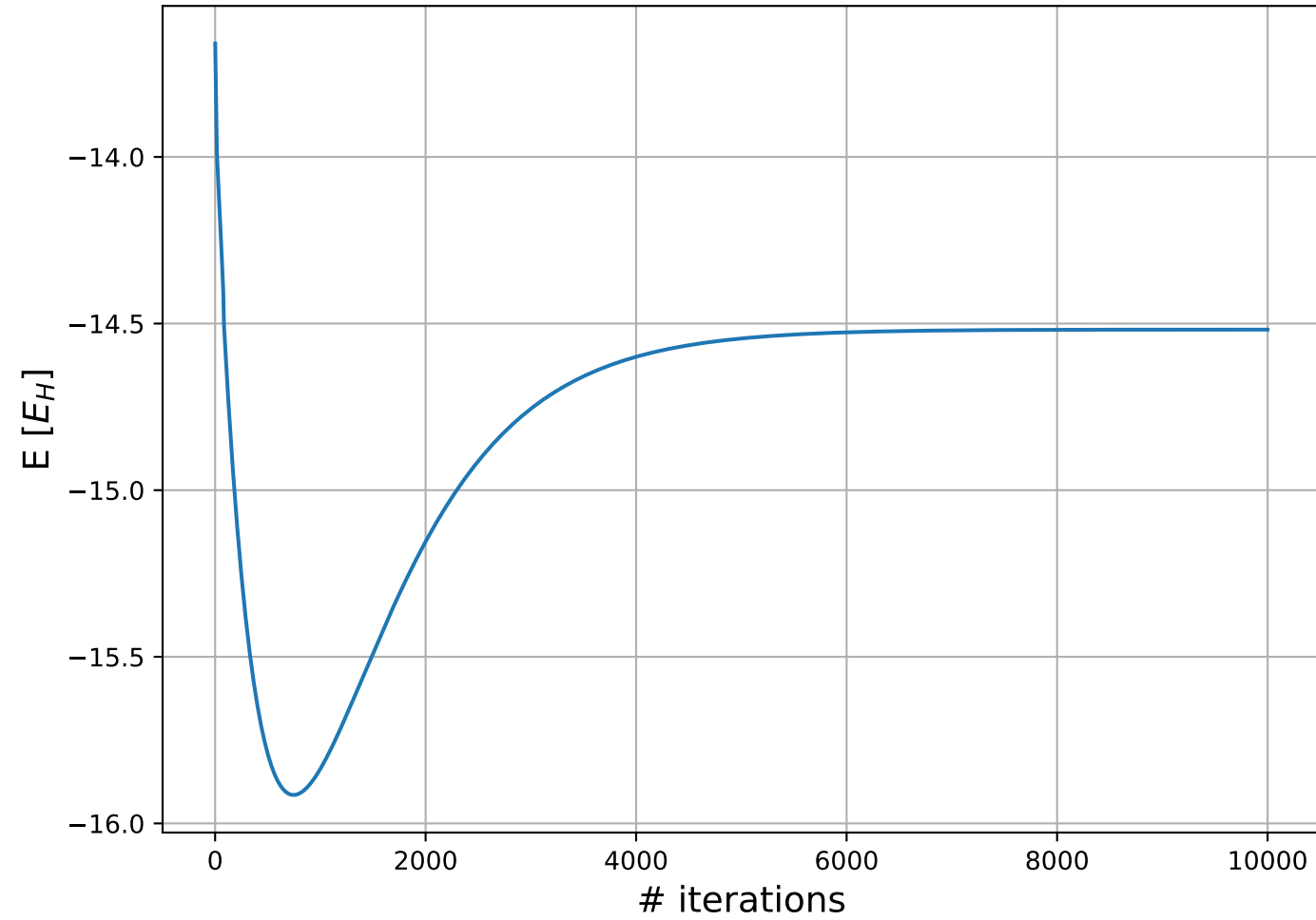
Beryllium 2s energy



Beryllium 2s wave function



Beryllium ground state energy



Beryllium ground state electron density

