

Helium	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
E <sub>coul</sub>	1.996120	1.995205	0.000915	0.000459
E <sub>tot</sub>	-2.834836	-2.834836	0.000000	-0.000000
E <sub>xc</sub>	-0.973314	-0.973214	0.000100	-0.000103
E <sub>kin</sub>	2.767922	2.768759	0.000837	0.000302
1s	-0.570425	-0.570927	0.000502	-0.000880

# Orbital 1s eigen energy -0.5709

