

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

Orbital 1s eigen energy -0.5709

