

Helium	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
E _{coul}	1.996120	1.996269	0.000149	0.000075
E _{tot}	-2.834836	-2.834836	0.000000	-0.000000
E _{xc}	-0.973314	-0.973468	0.000154	-0.000158
E _{kin}	2.767922	2.768947	0.001025	0.000370
1s	-0.570425	-0.572763	0.002338	-0.004098

Orbital 1s eigen energy -0.5728

