

Helium	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
E _{coul}	1.996120	1.996108	0.000012	0.000006
E _{tot}	-2.834836	-2.834836	0.000000	-0.000000
E _{xc}	-0.973314	-0.973308	0.000006	-0.000006
E _{kin}	2.767922	2.767892	0.000030	0.000011
1s	-0.570425	-0.570487	0.000062	-0.000108

Orbital 1s eigen energy -0.5705

