

Electronic Supplementary Material for PCCP
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Supporting Information for:

Optimizing a parametrized Thomas-Fermi-Dirac-Weizsäcker functional for atoms

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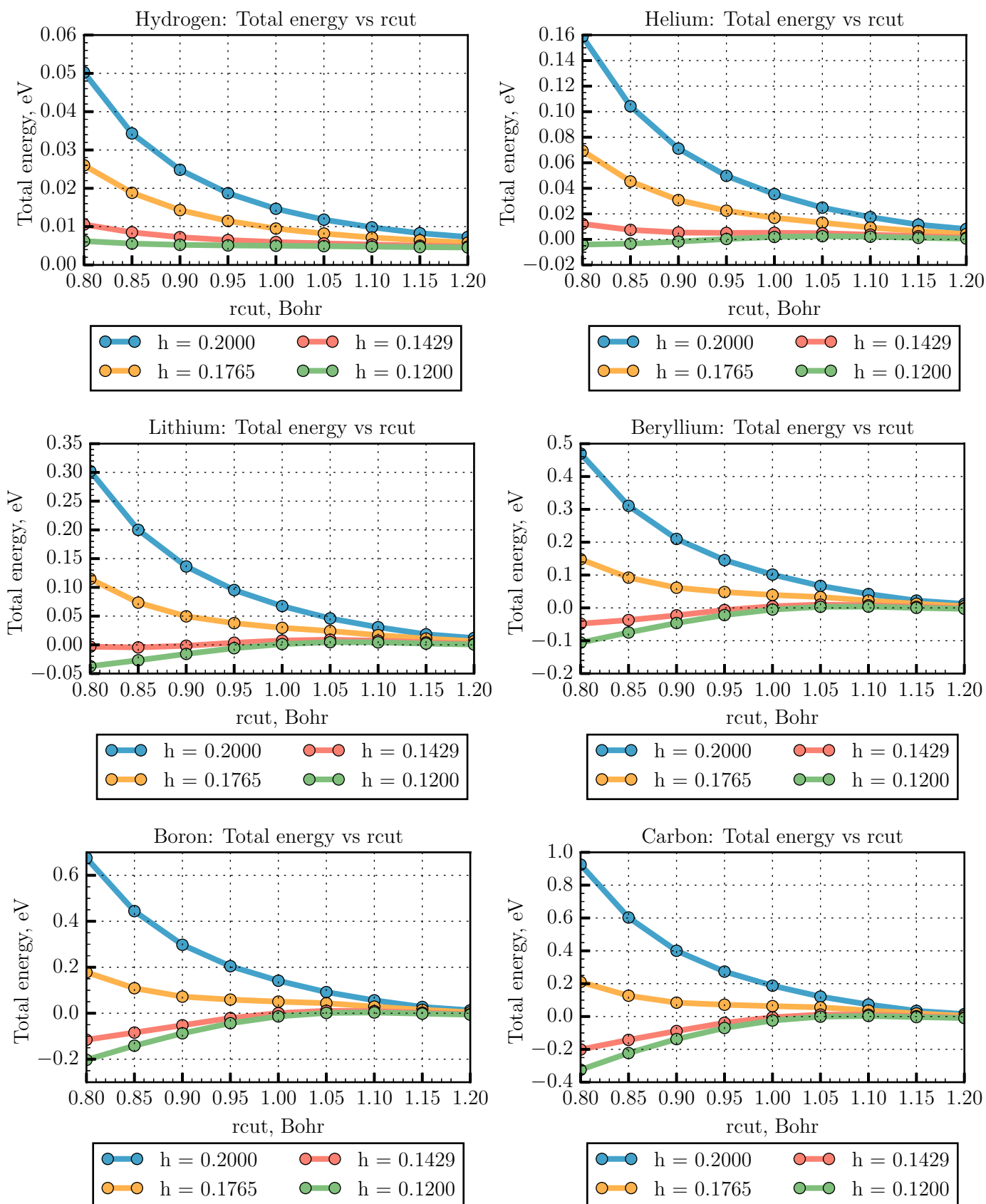
This supporting information was prepared on Feb. 27, 2015 and consists of a total of 4 pages. Prepared for PCCP. Convergency benchmark for the first and second row elements of the periodic table.

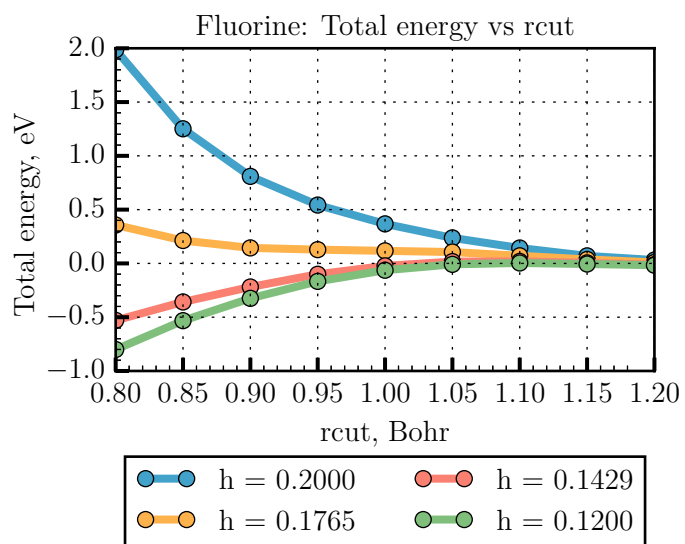
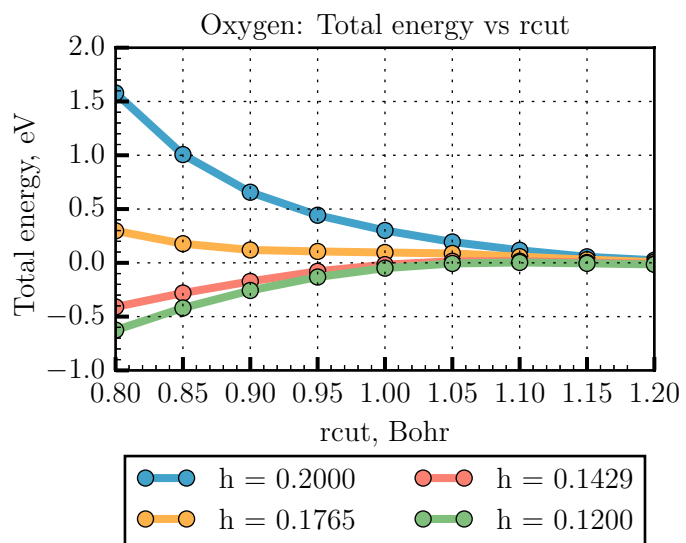
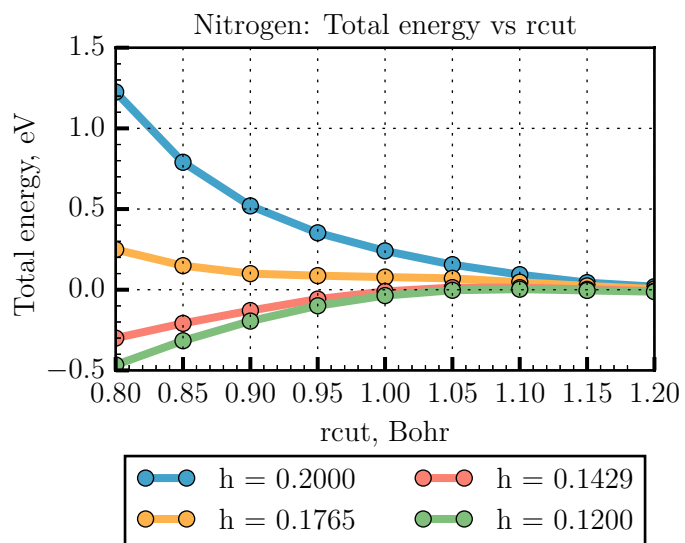
Contents:

1. rcut values.

1. Variation of r_{cut} values for the atoms.

The input parameters to be used: $\lambda = 1.0$, $\gamma = 1.0$, $mix = 0.01$, $g_{pnode} = 800$.





Calculation time for rcut variation.

