

carbon dimer:  $1^1\Sigma_g^+ \rightarrow 1^1\Delta_g$

Error in excitation energy (eV)

1.0  
0.8  
0.6  
0.4  
0.2  
0.0

CCSDTQP

CCSDTQ

CCSDT

CC3

CASSCF

CASPT2

PC-NEVPT2

SC-NEVPT2

