

ethylene: $1^1A_g \rightarrow 2^1A_g$

Error in excitation energy (eV)

1.2
1.0
0.8
0.6
0.4
0.2
0.0

CCSDTQP

CCSDTQ

CCSDT

CC3

CASSCF

CASPT2

MS-CASPT2

PC-NEVPT2

SC-NEVPT2

