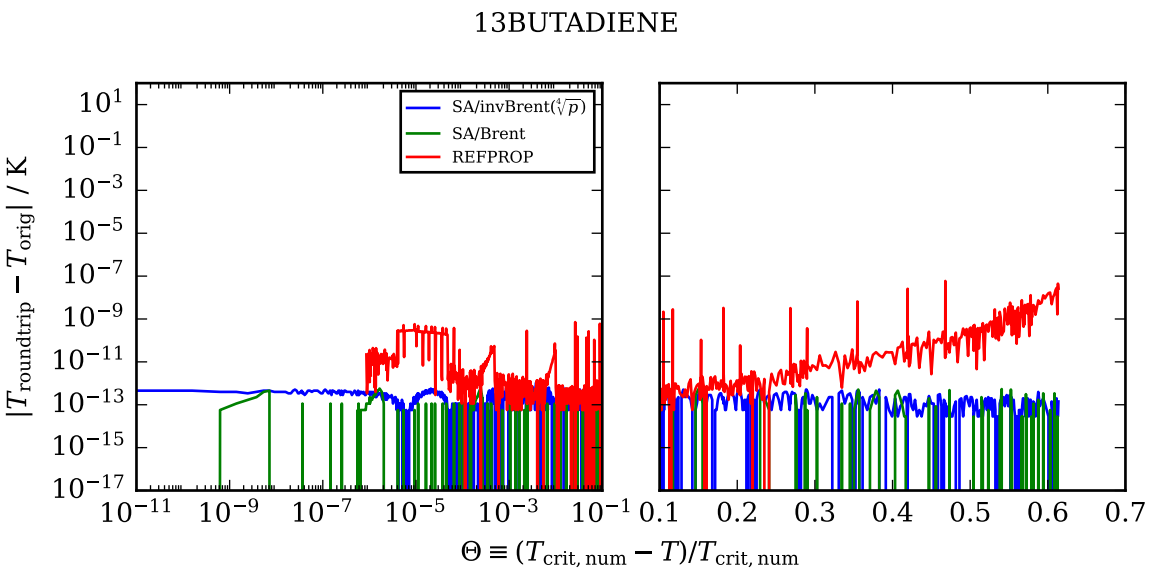
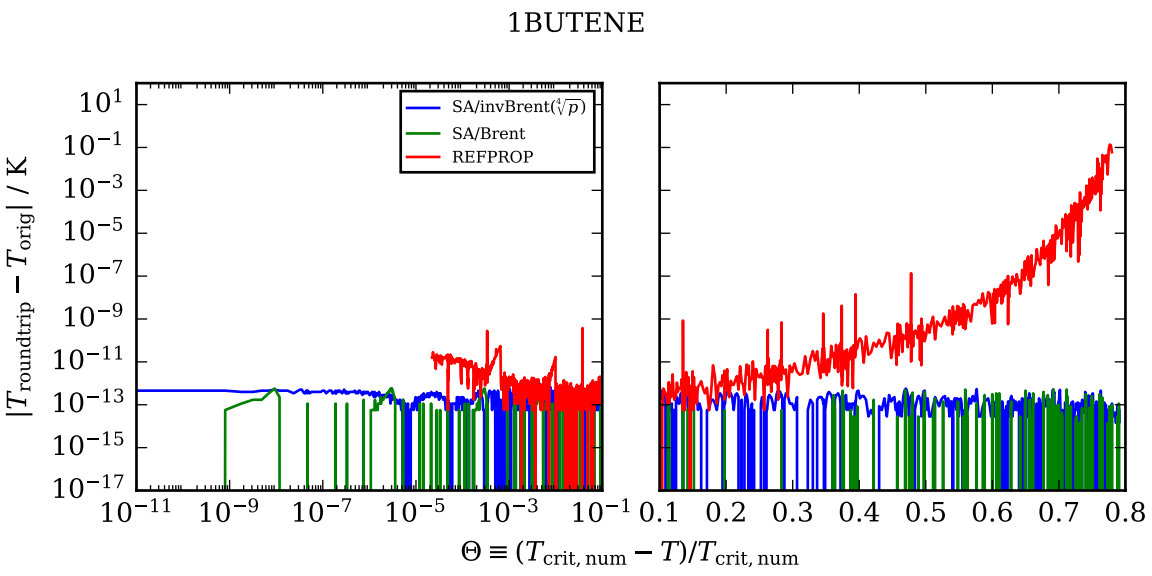
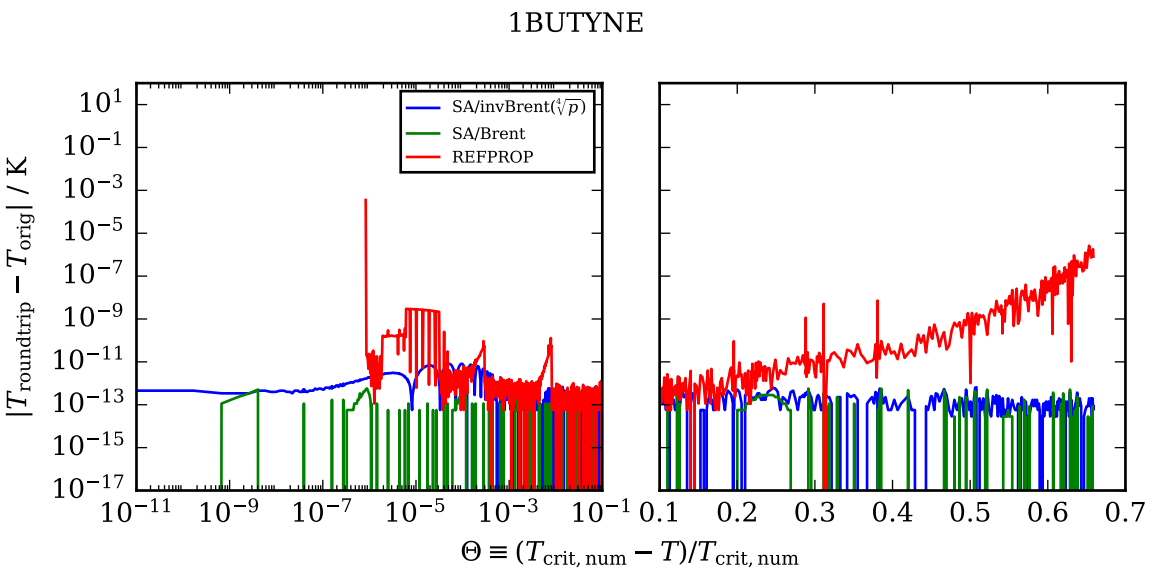
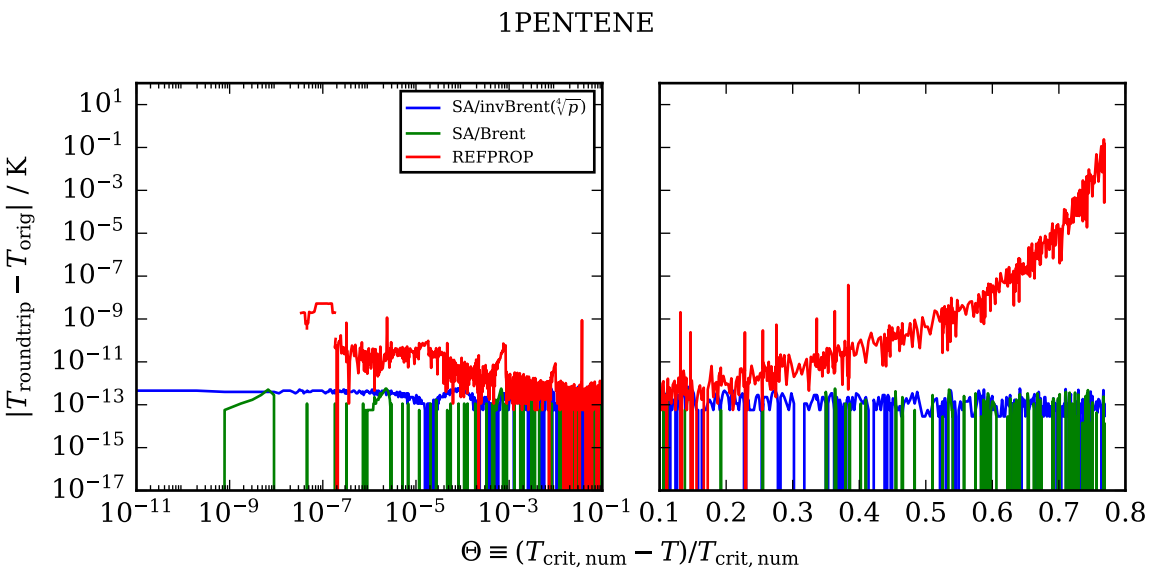
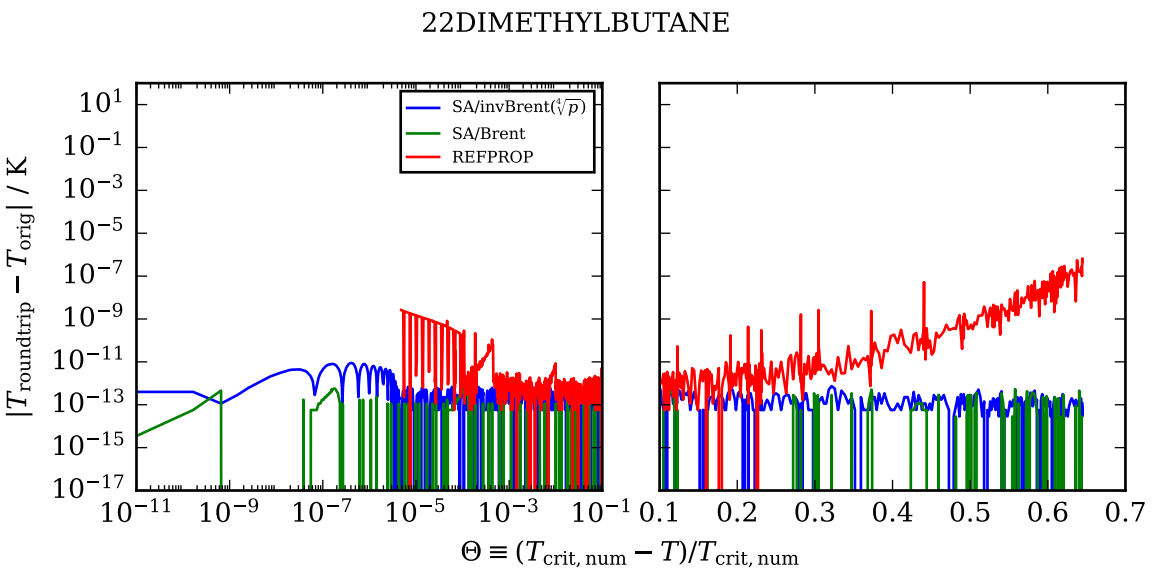
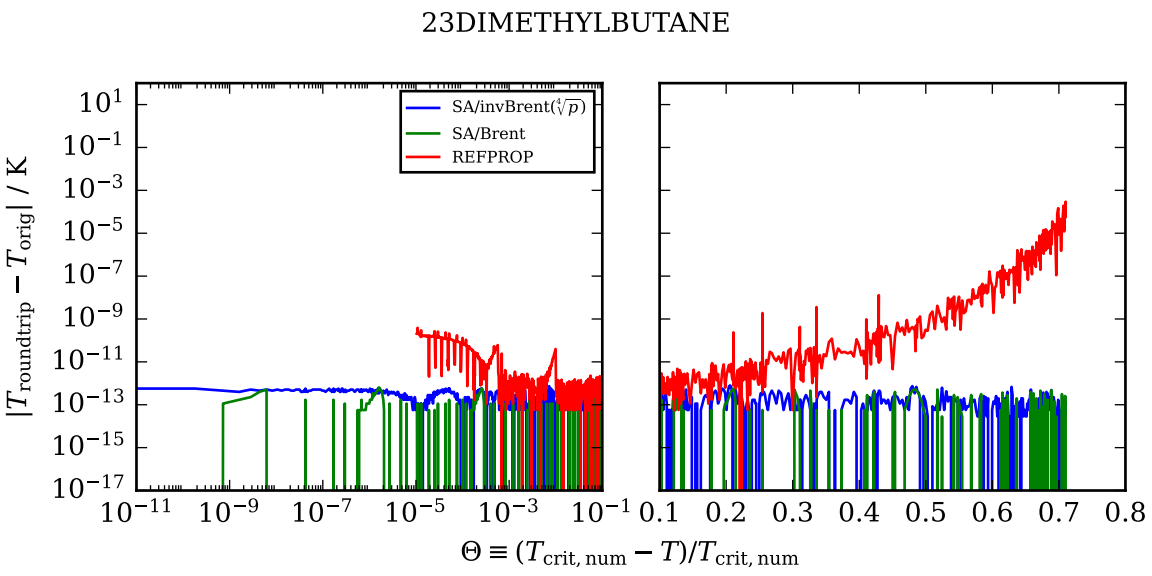

13BUTADIENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

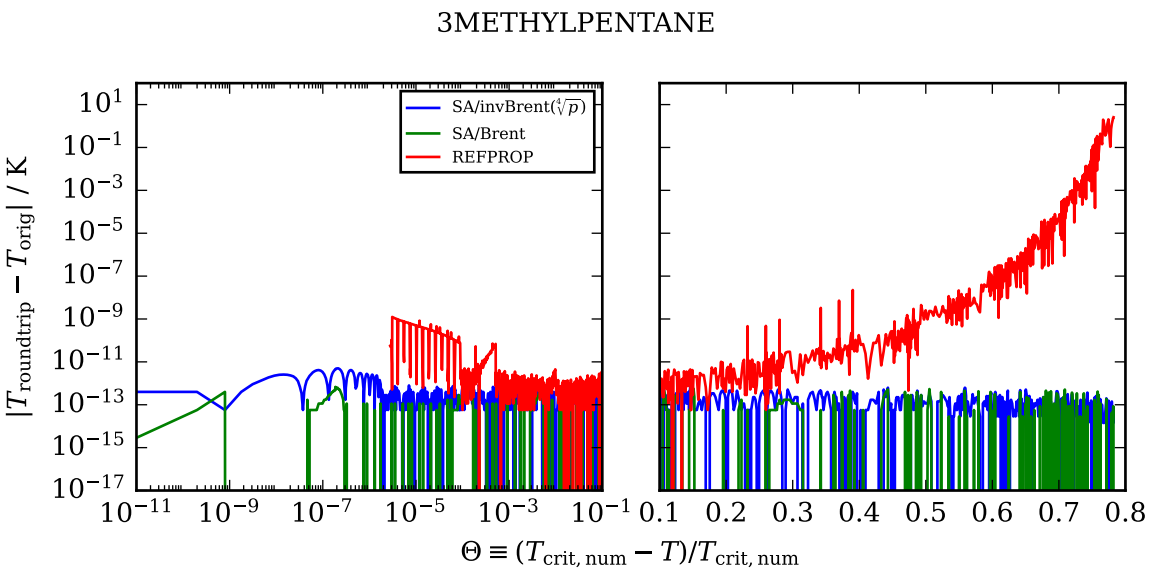

1BUTENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

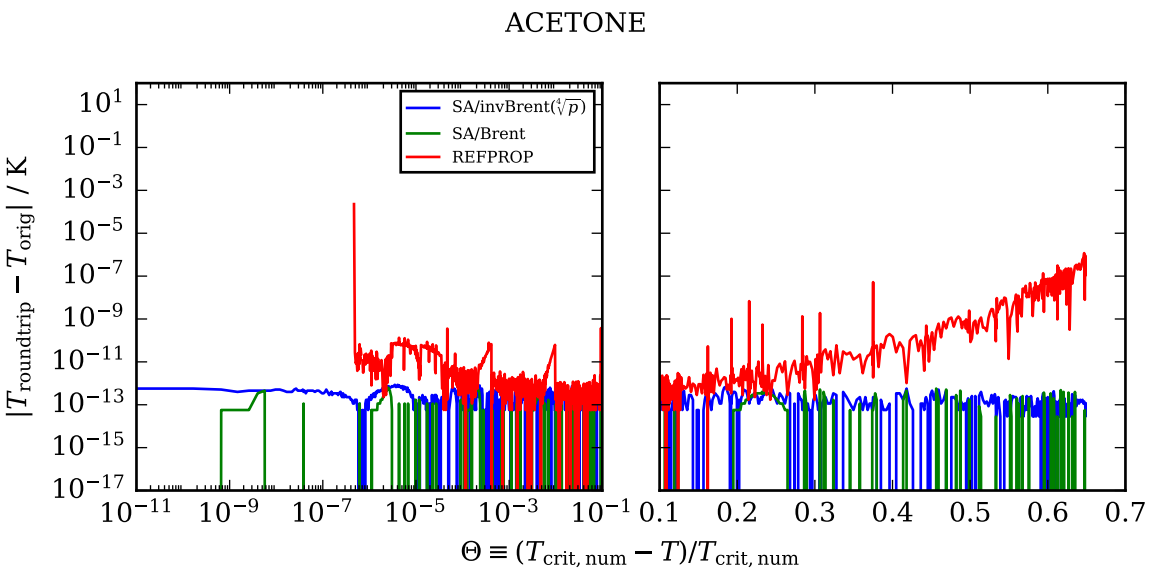

1BUTYNE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

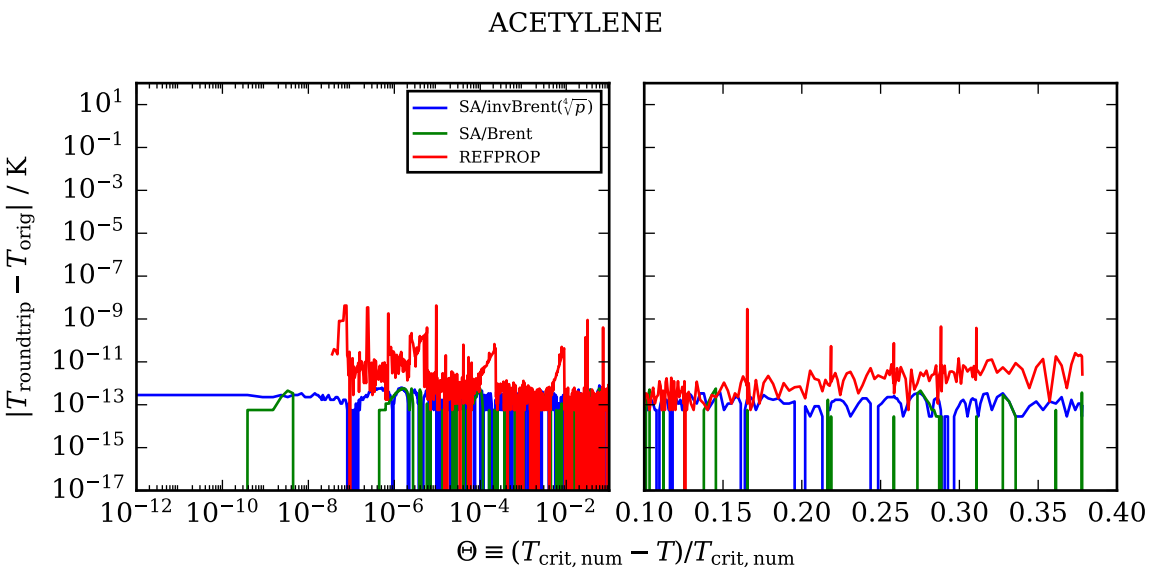

1PENTENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

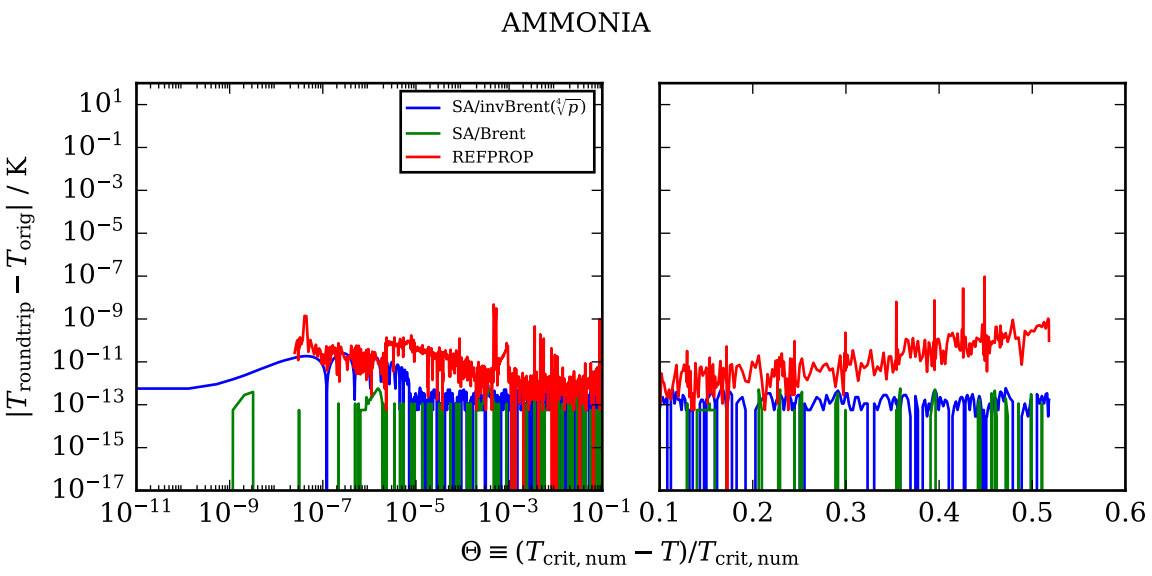

22DIMETHYLBUTANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

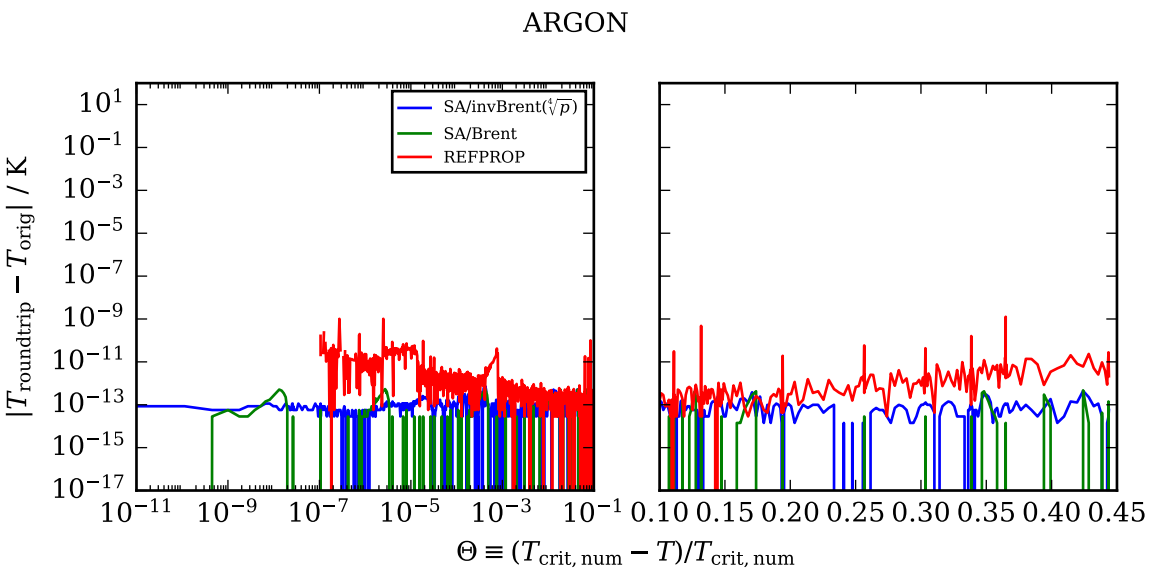

23DIMETHYLBUTANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

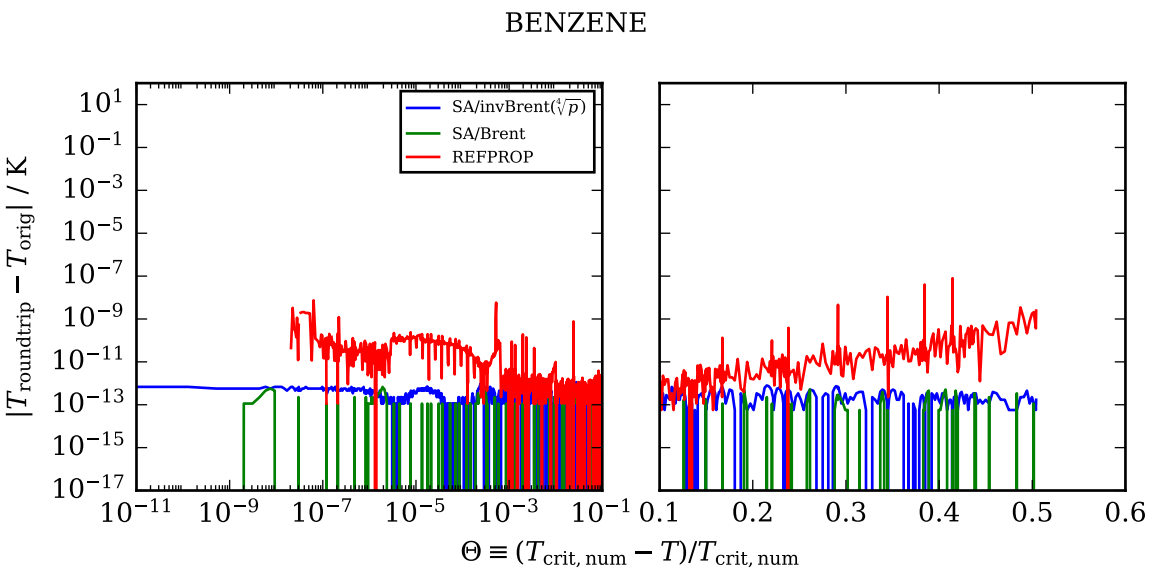

3METHYLPENTANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

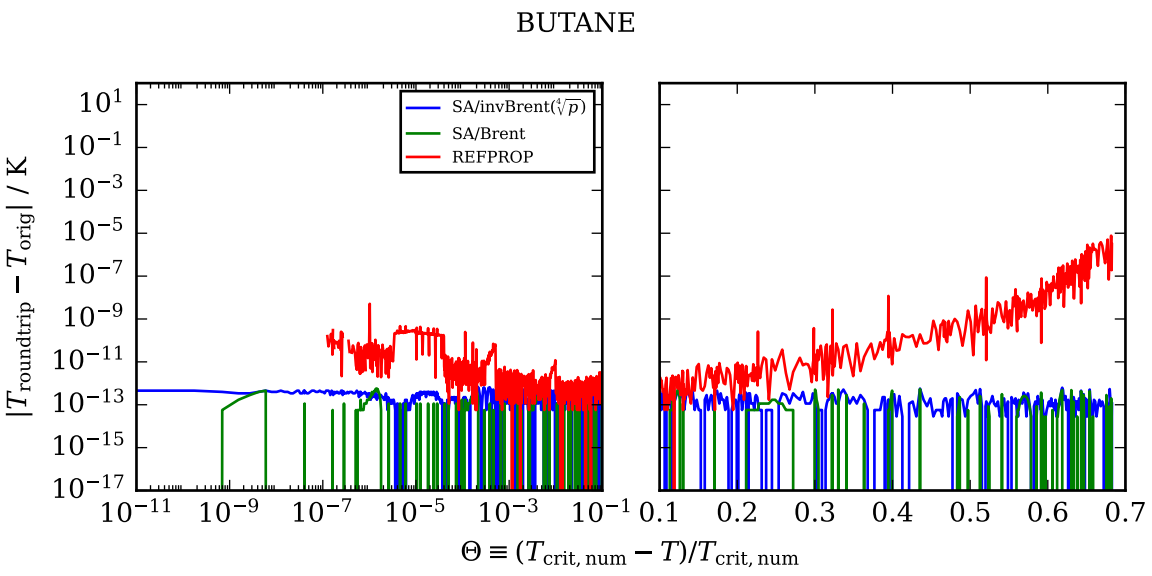

ACETONE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

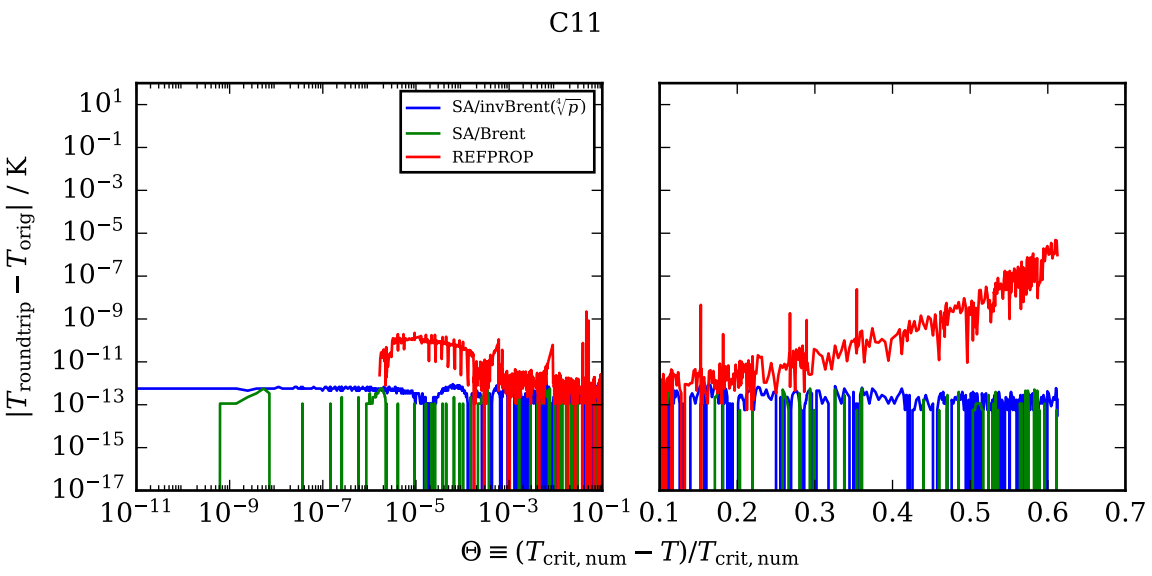

ACETYLENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-12} 10^{-10} 10^{-8} 10^{-6} 10^{-4} 10^{-2}
0.10 0.15 0.20 0.25 0.30 0.35 0.40
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

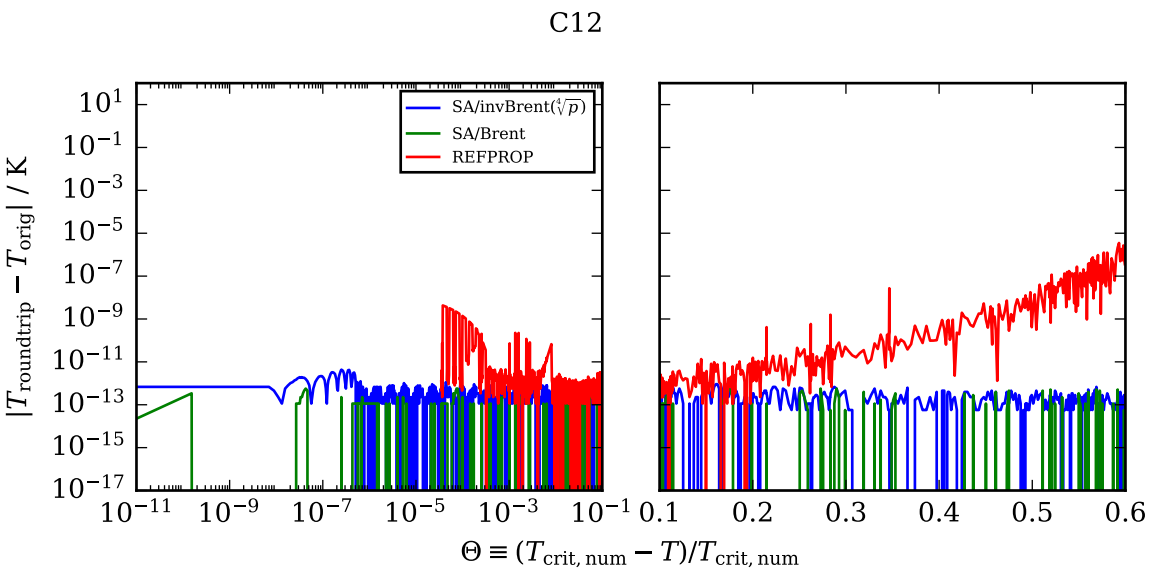

AMMONIA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

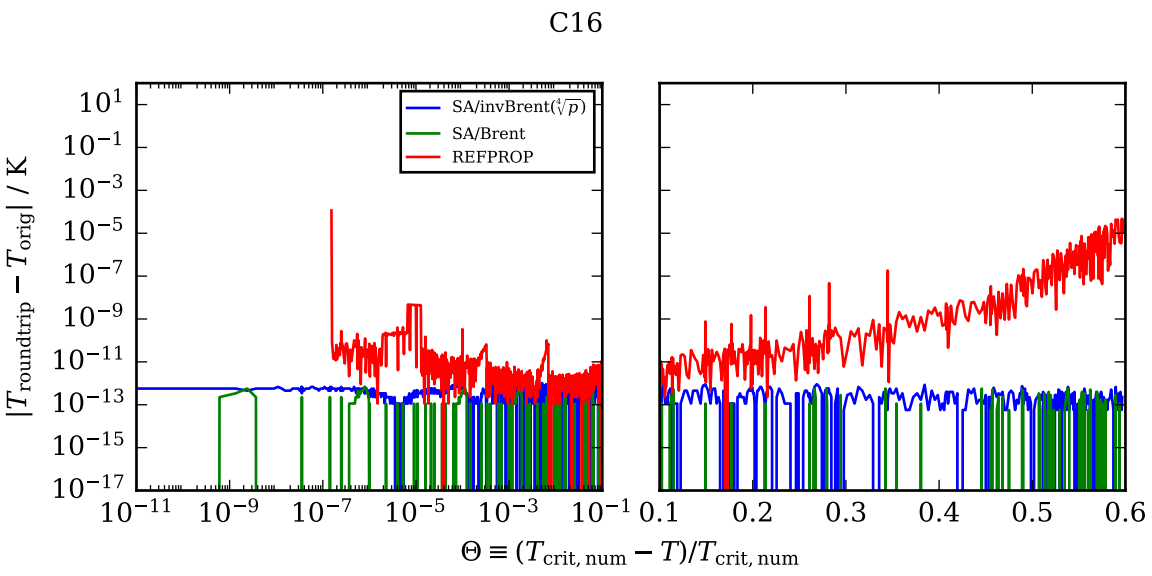

ARGON
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

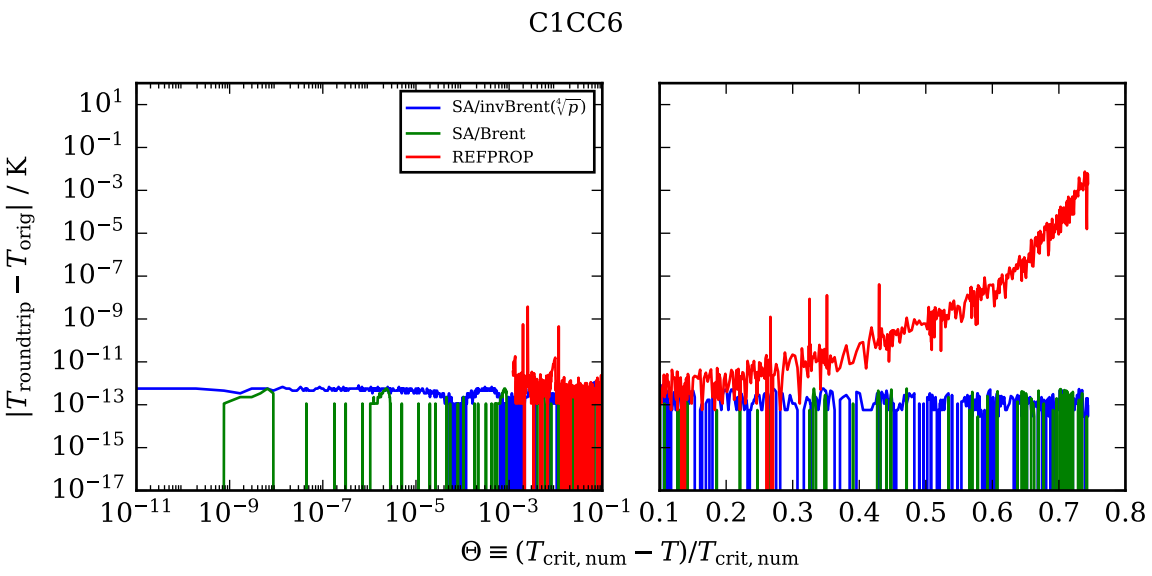

BENZENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


BUTANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

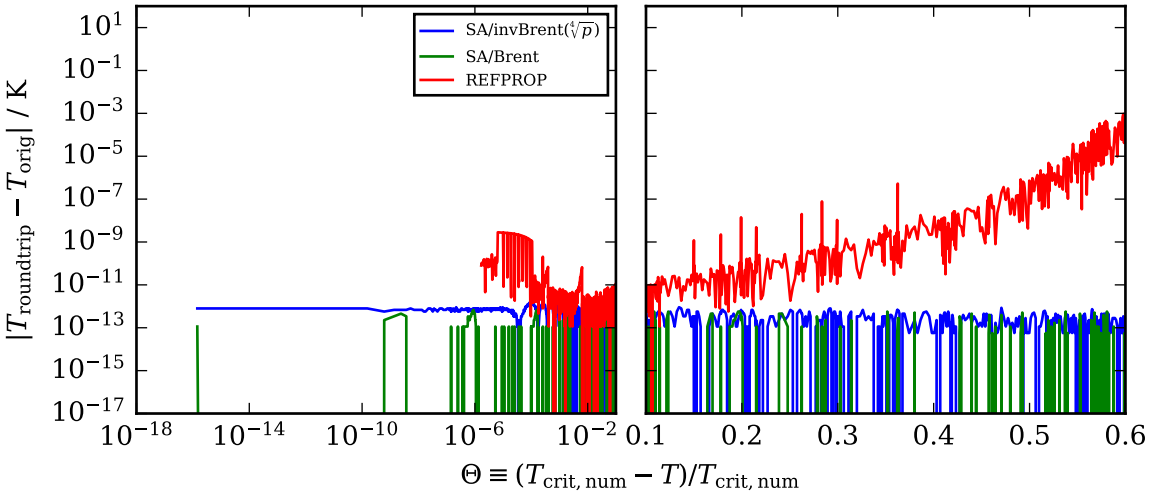

C11
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

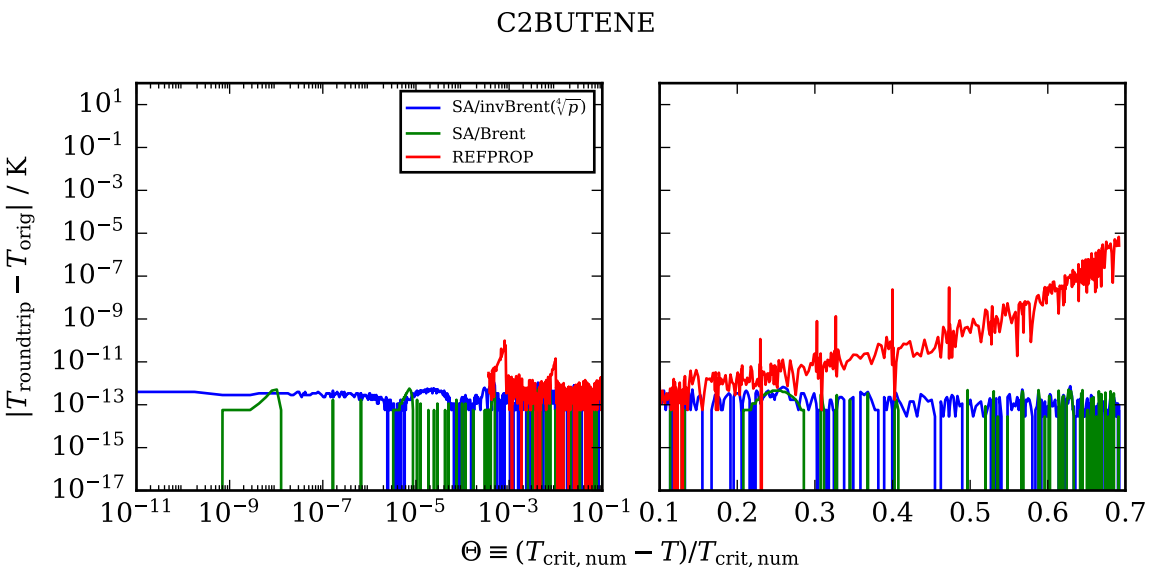

C12
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

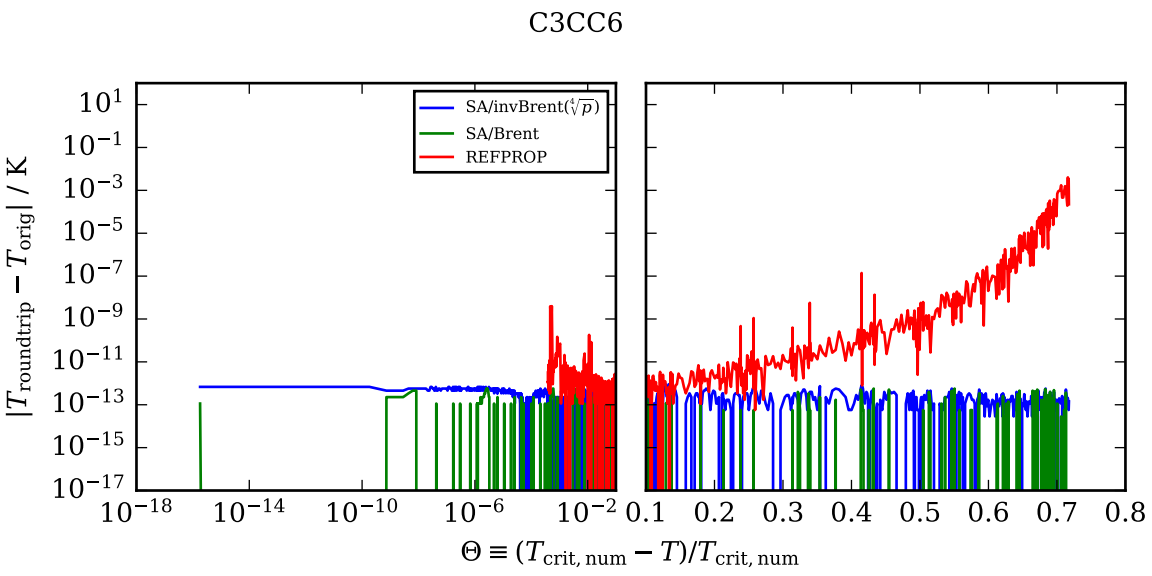

C16
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

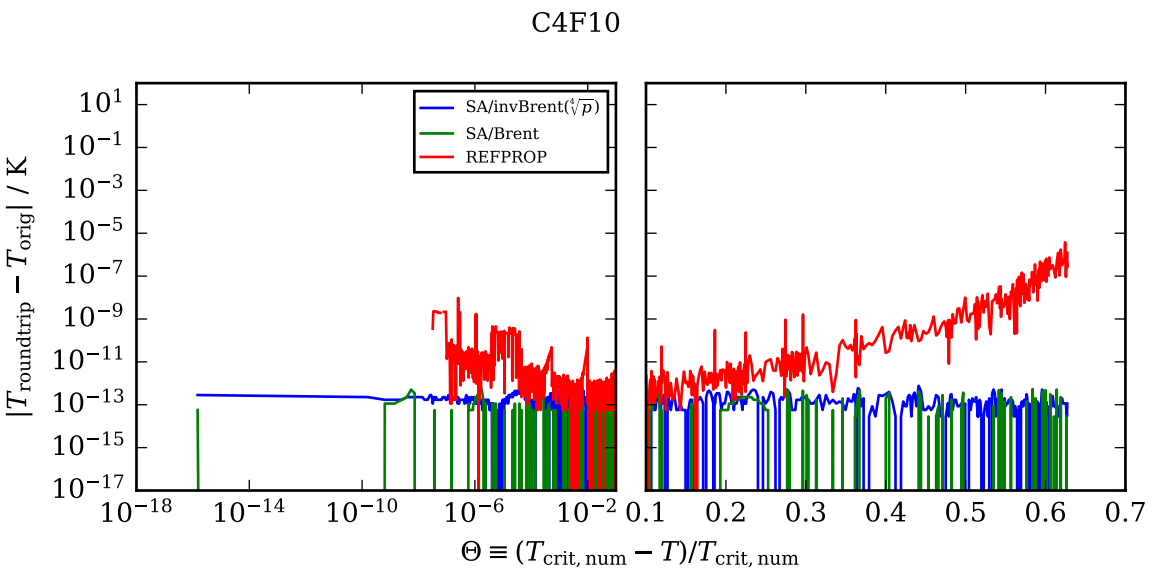

C1CC6
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

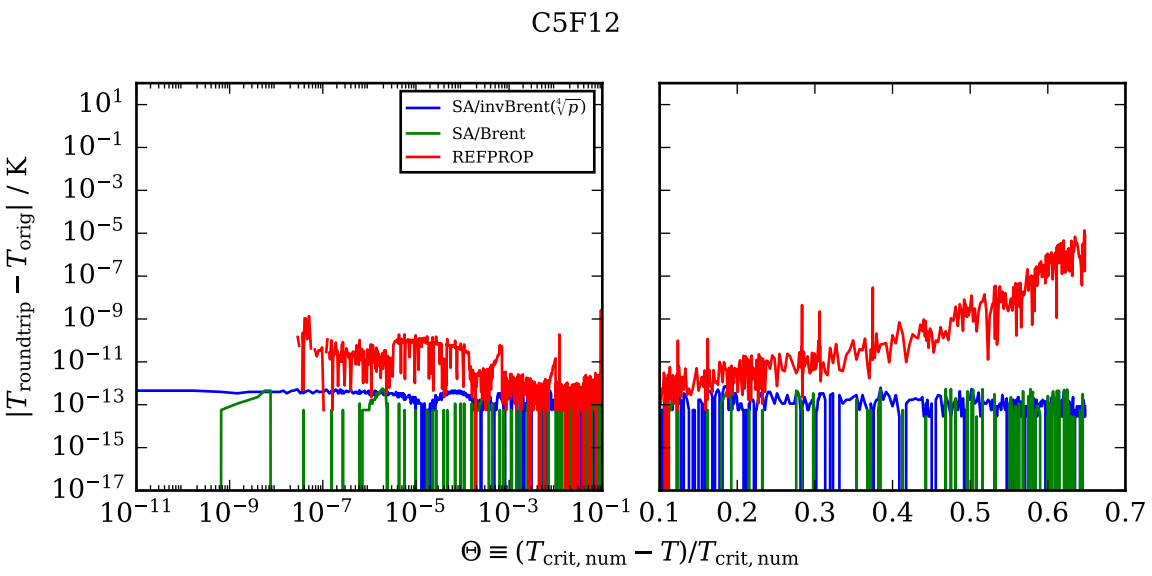
C22

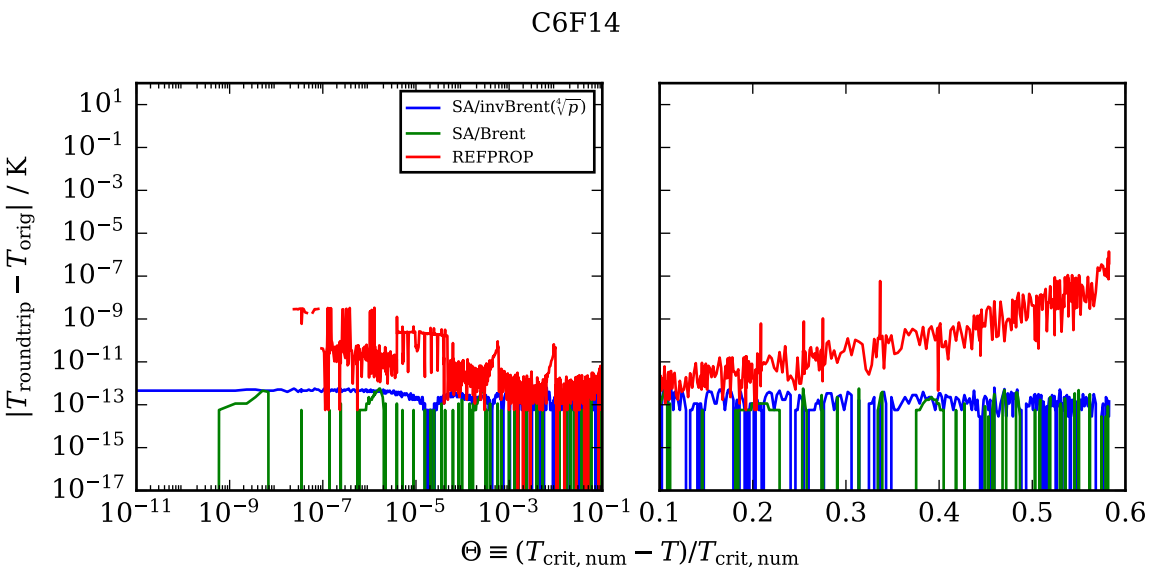

SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

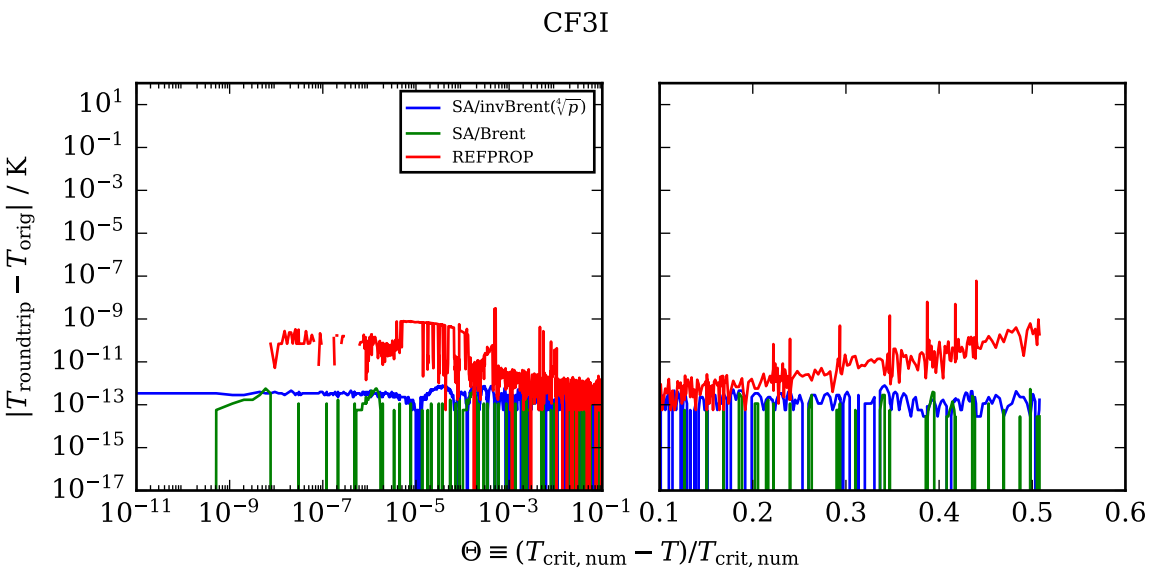

C2BUTENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

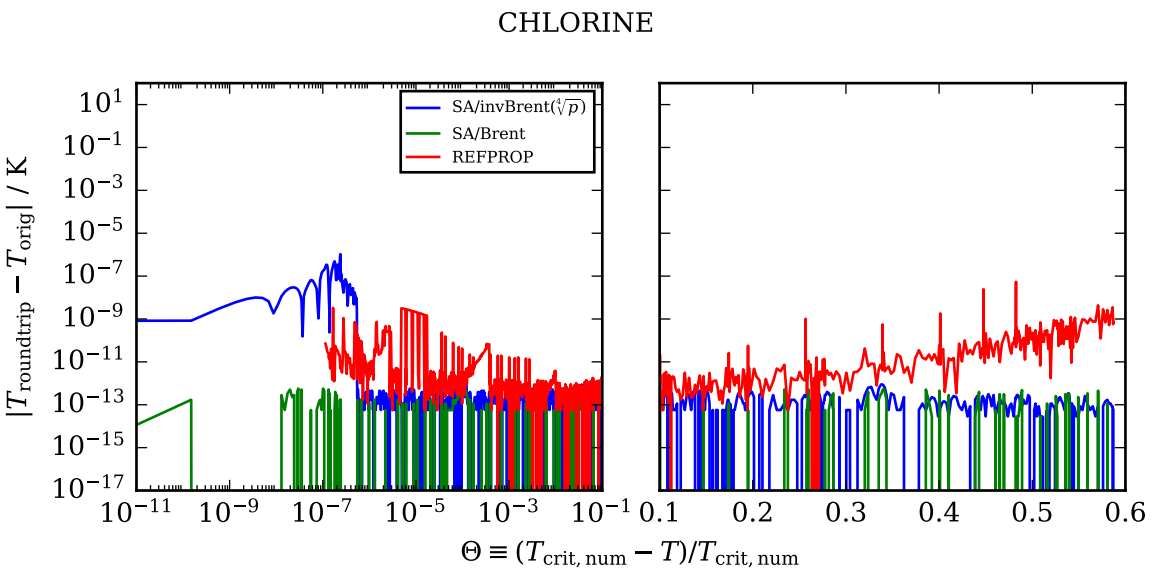

C3CC6
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

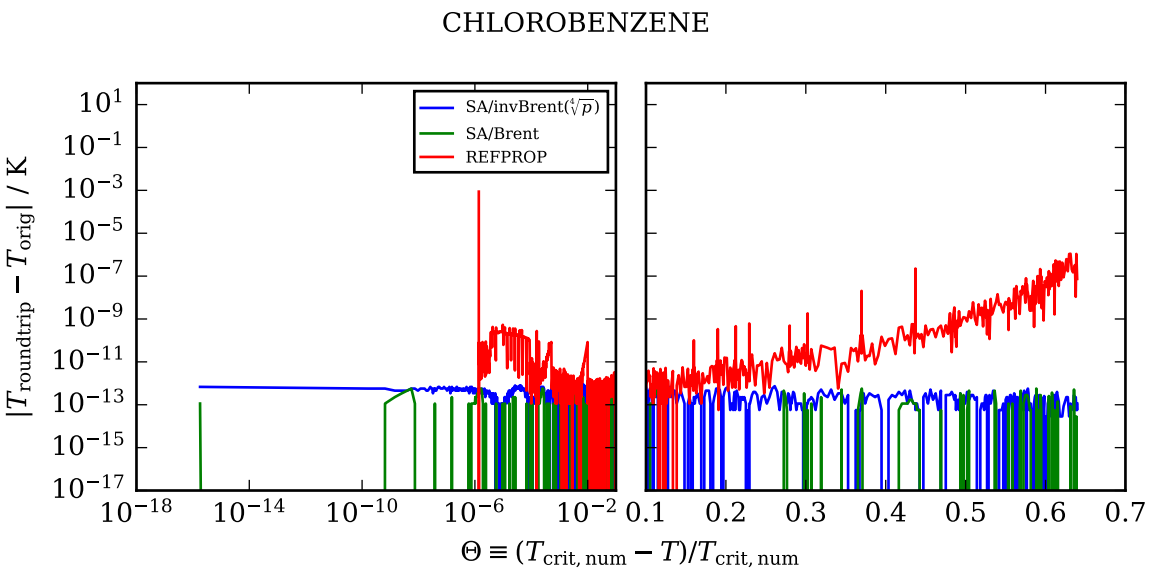

C4F10
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

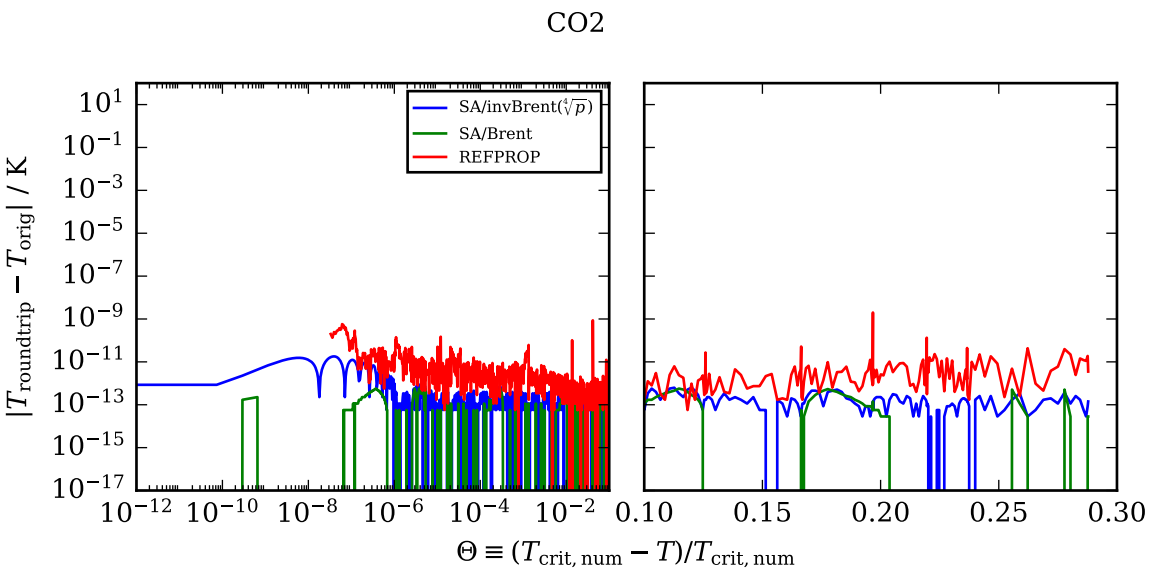

C5F12
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

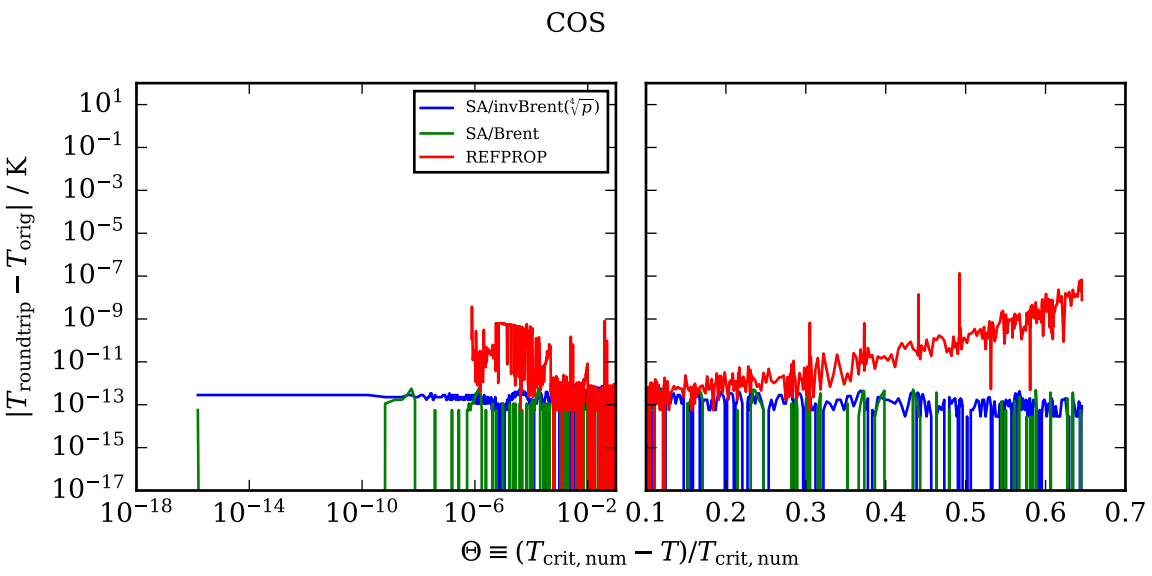

C6F14
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

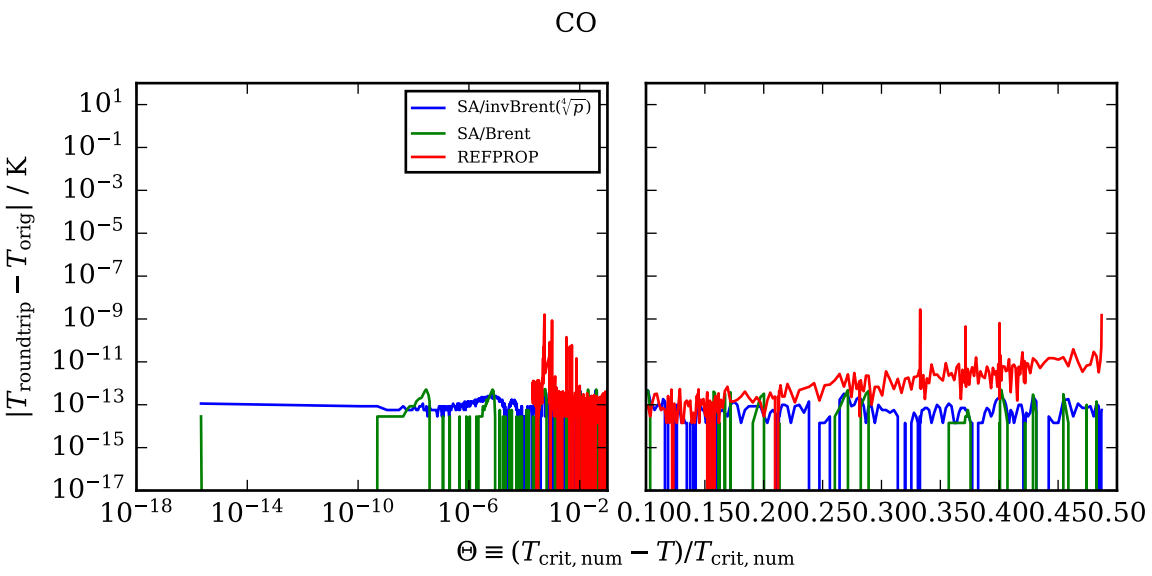

CF3I
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

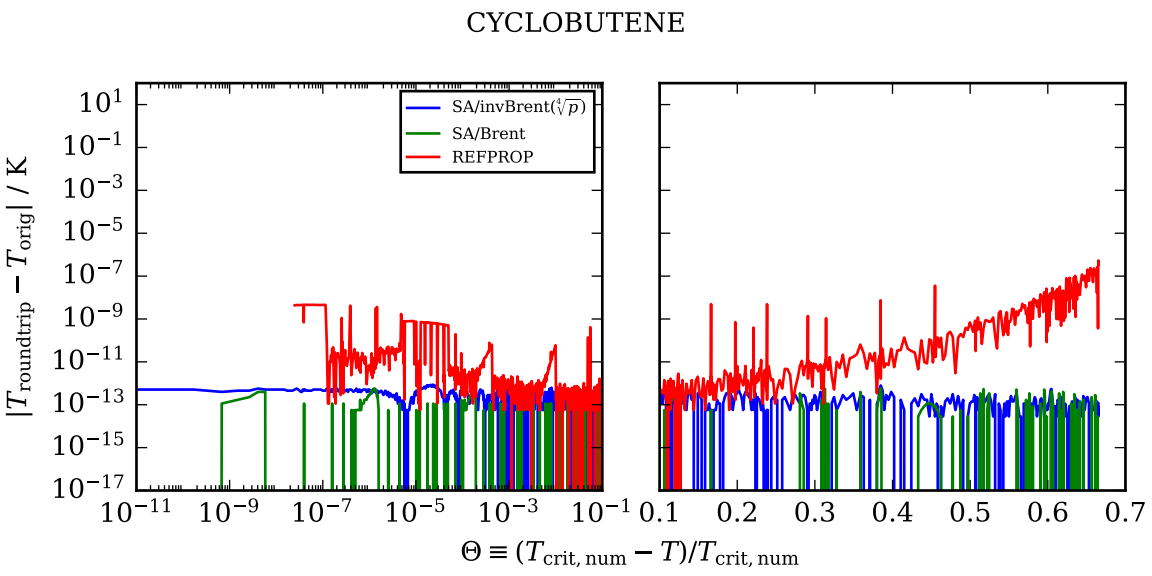

CHLORINE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

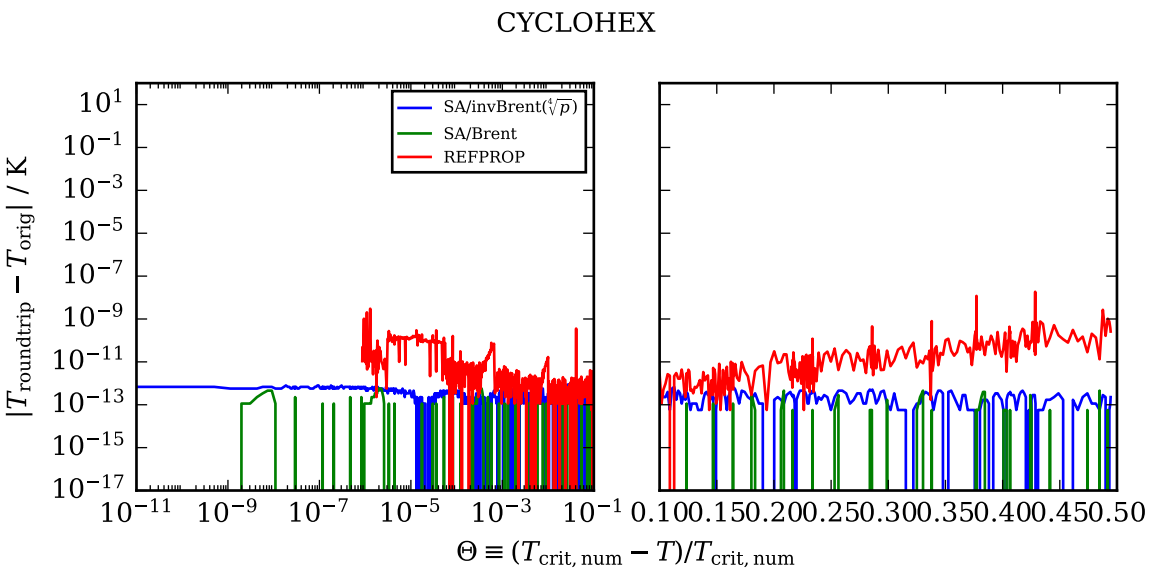

CHLOROBENZENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

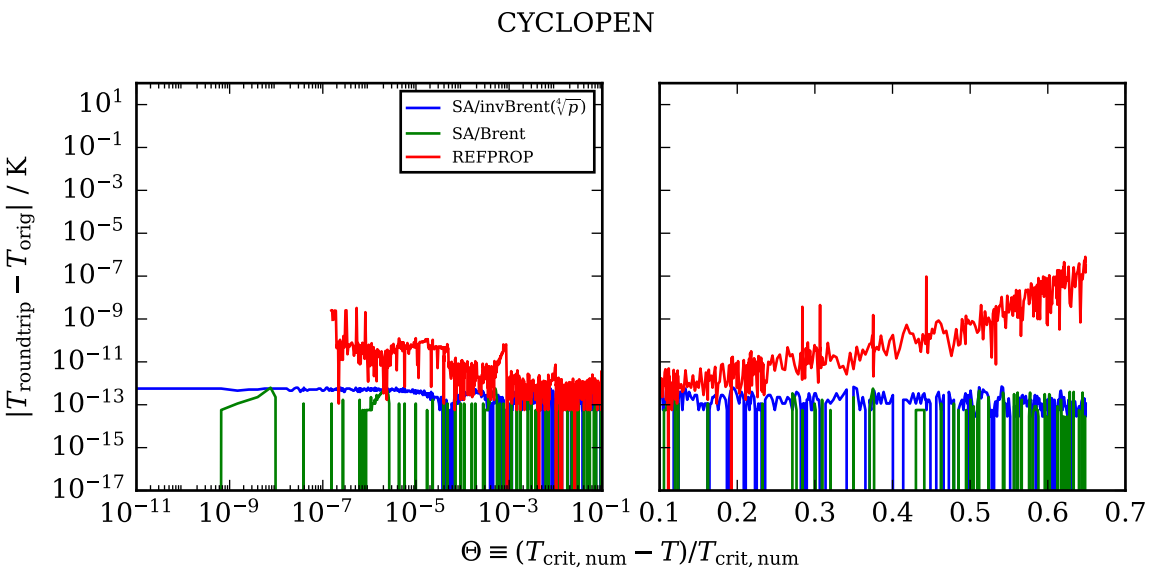

CO2
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
0.10
0.15
0.20
0.25
0.30
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

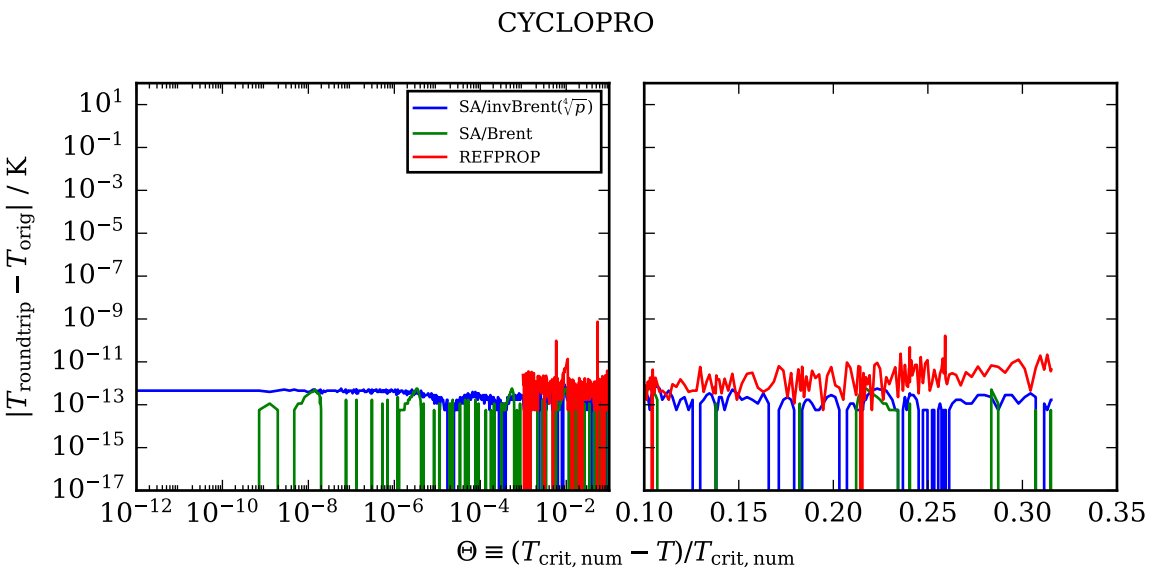

COS
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

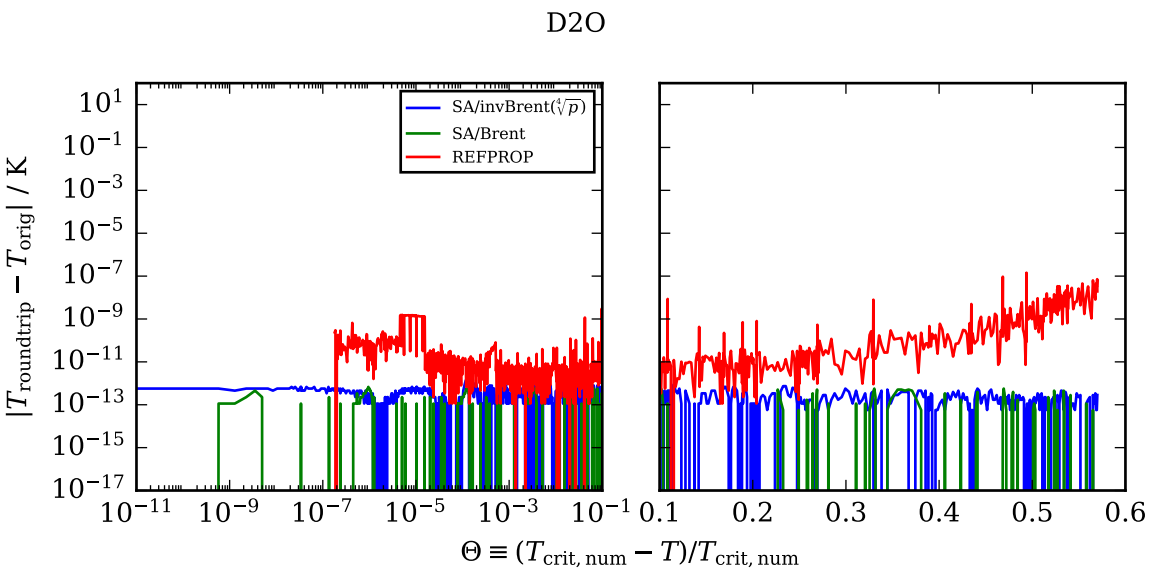

CO
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.10
0.15
0.20
0.25
0.30
0.35
0.40
0.45
0.50
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

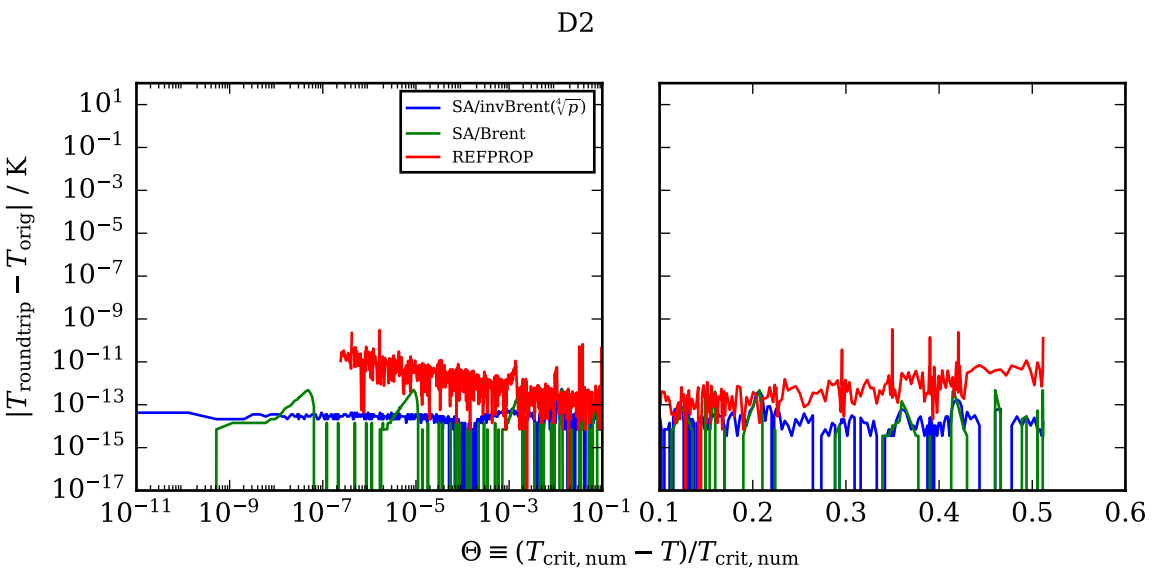

CYCLOBUTENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

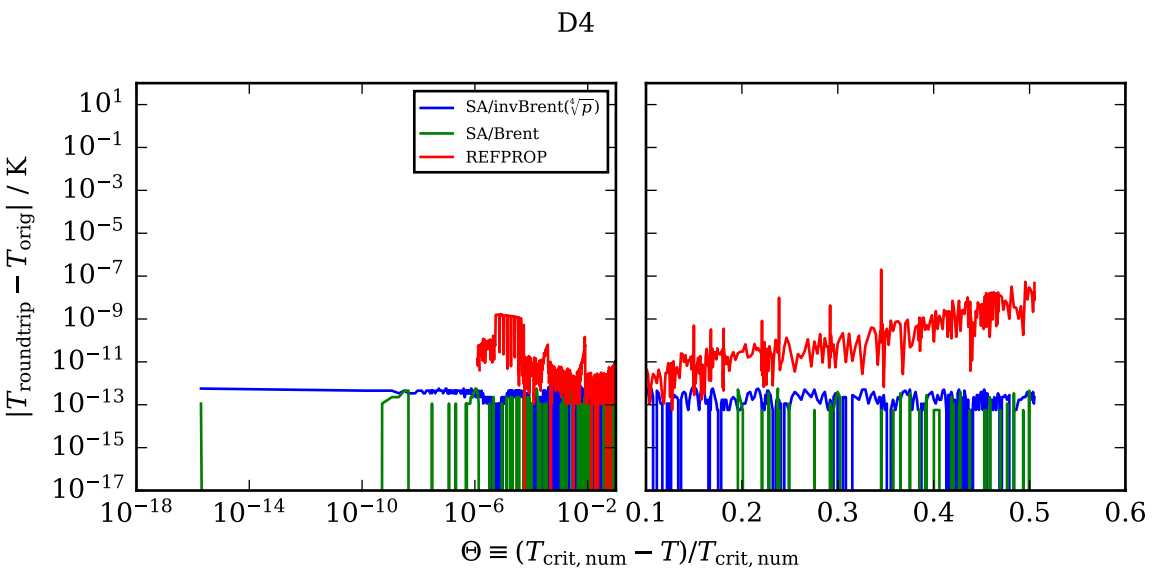

CYCLOHEX
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

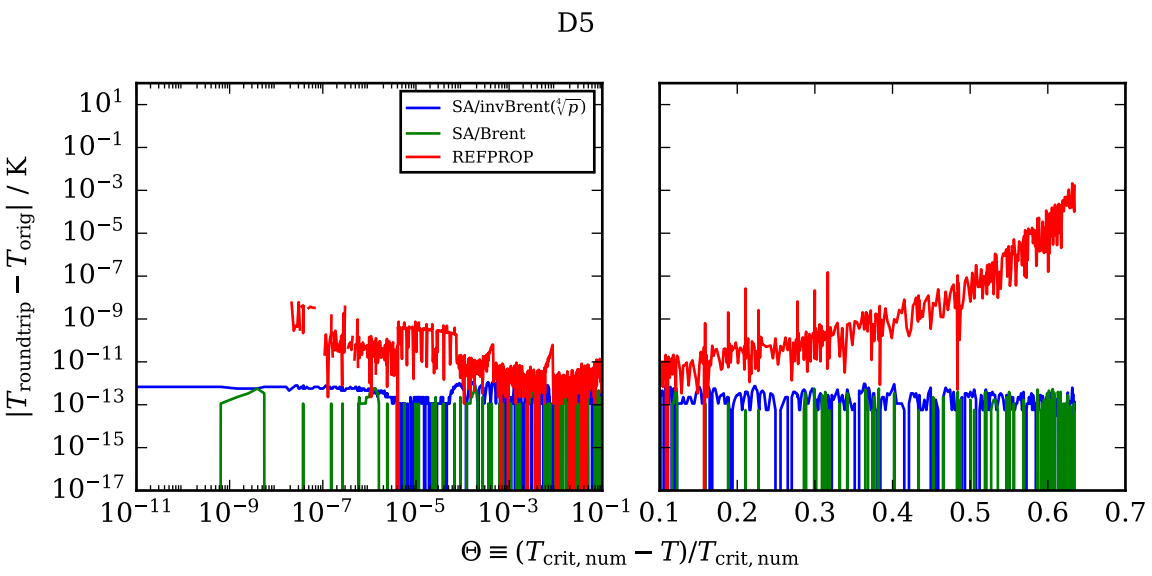

CYCLOPEN
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

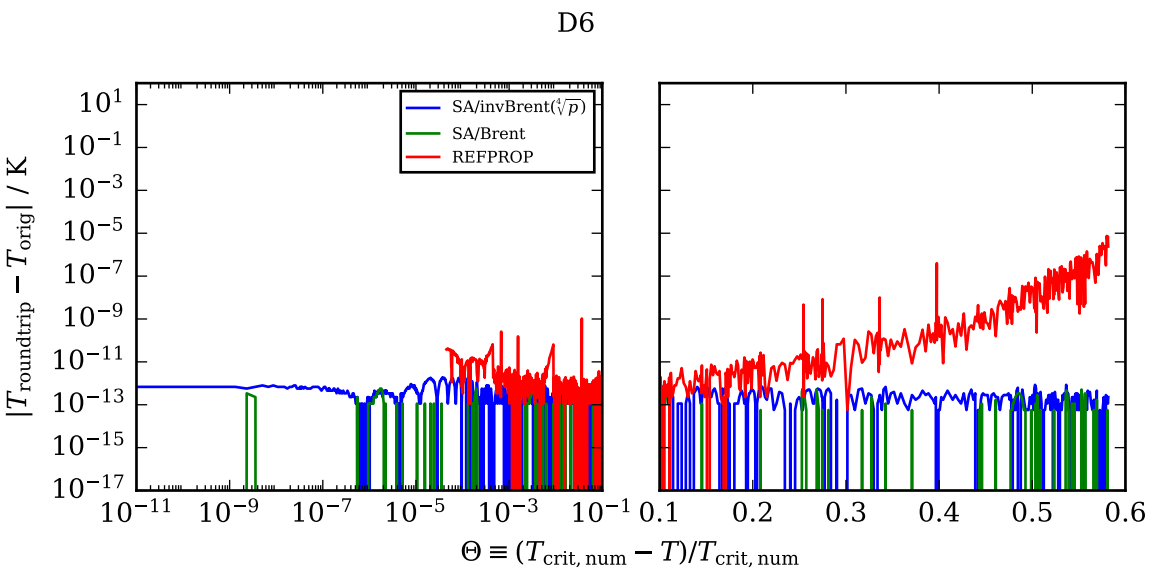

CYCLOPRO
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
0.10
0.15
0.20
0.25
0.30
0.35
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

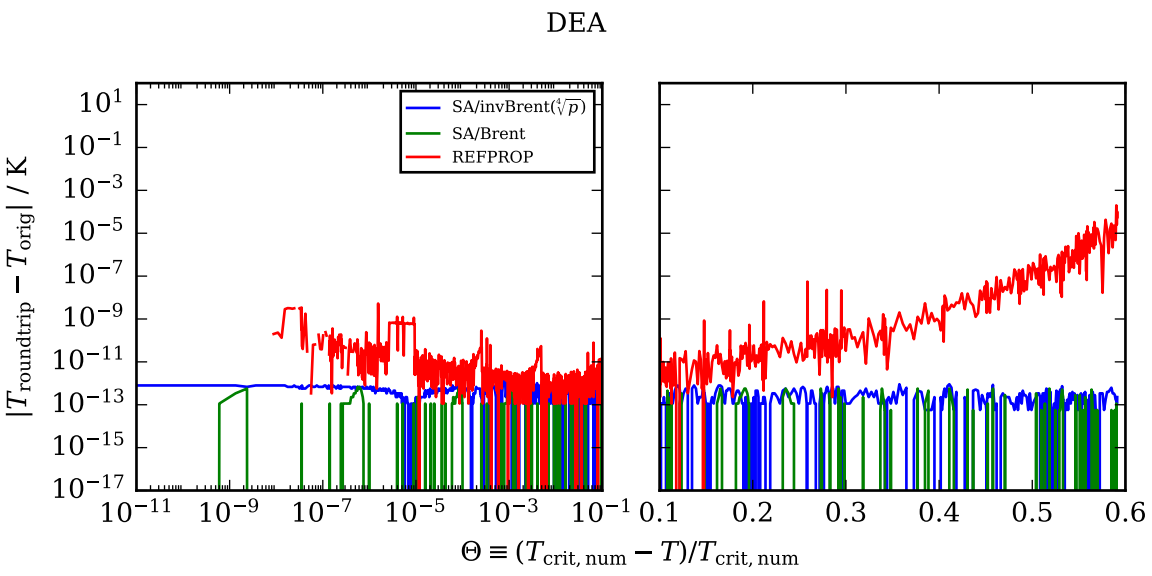

D2O
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

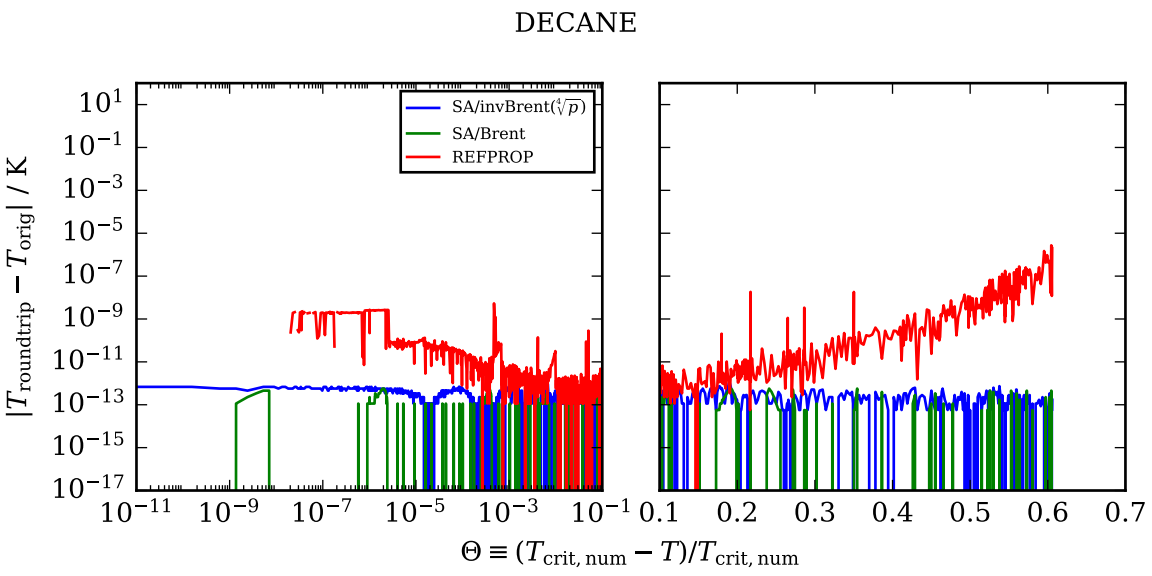

D2
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

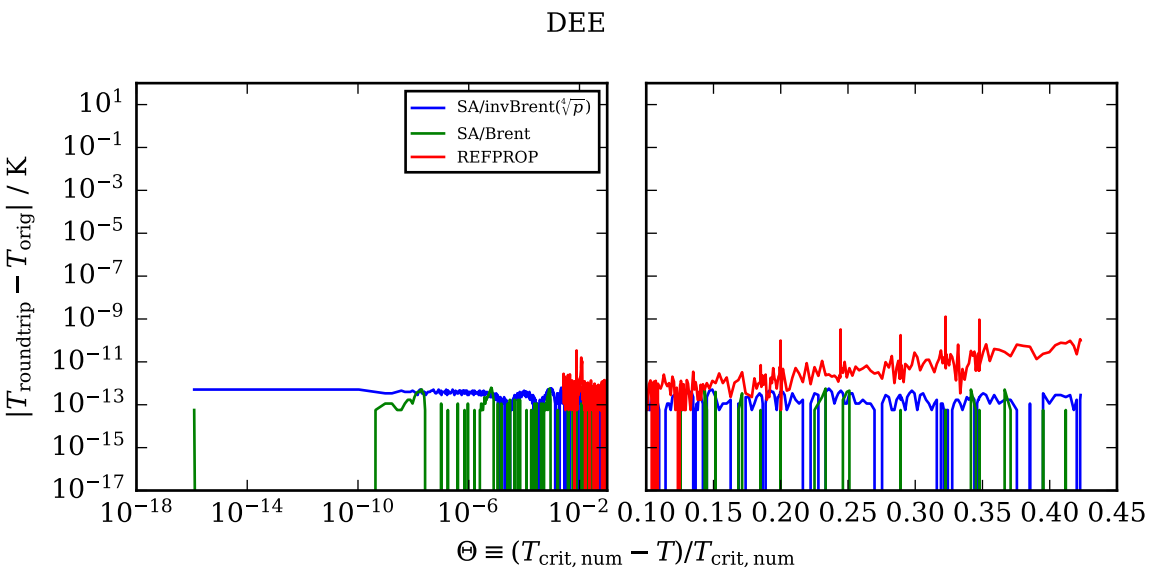

D4
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

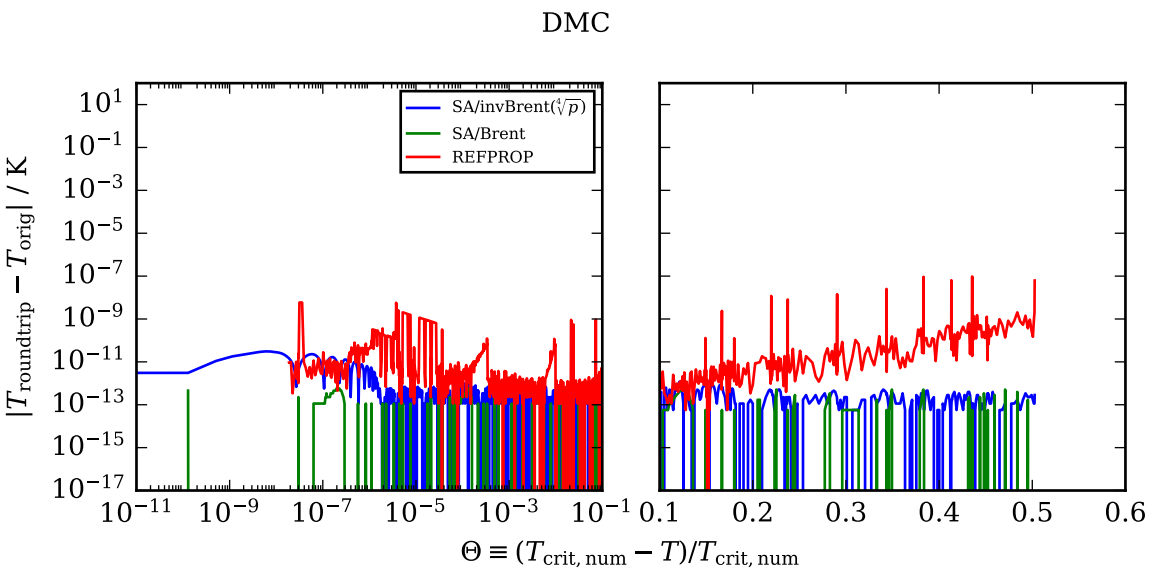

D5
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

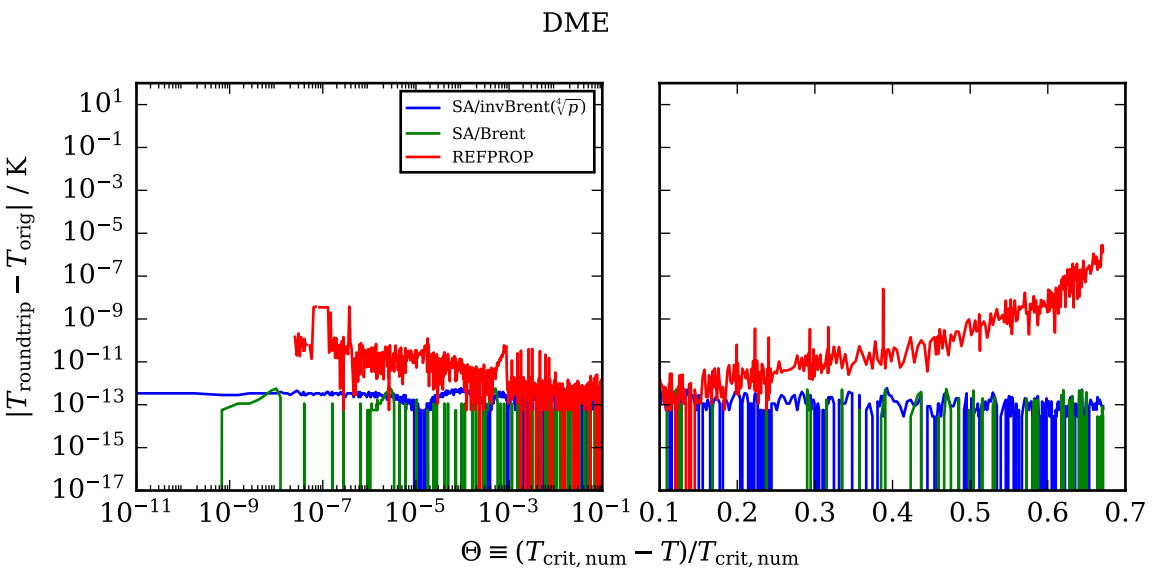

D6
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

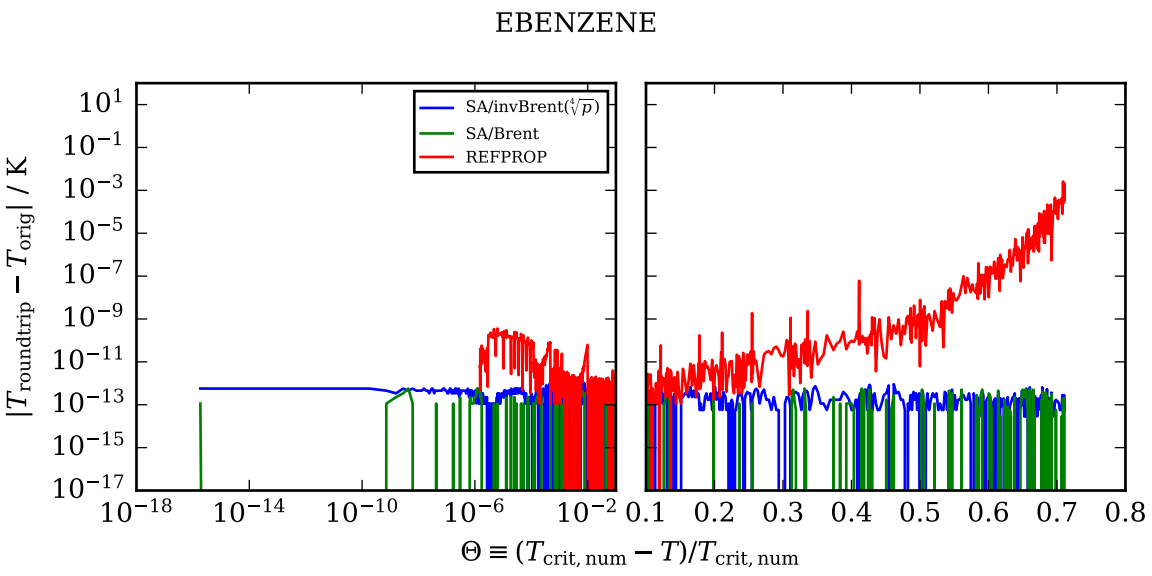

DEA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

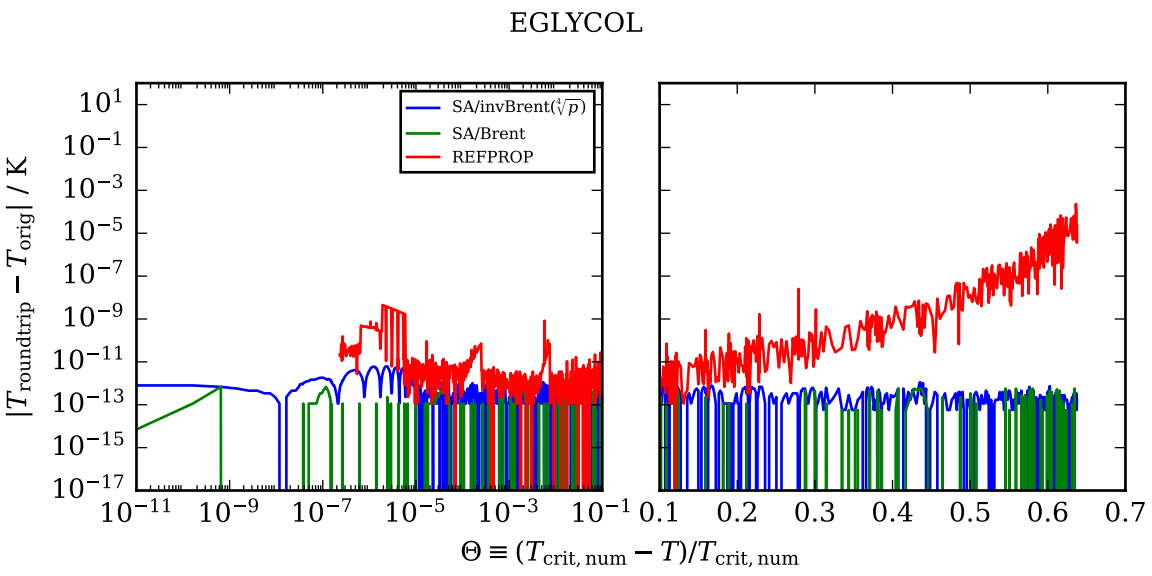

DECANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

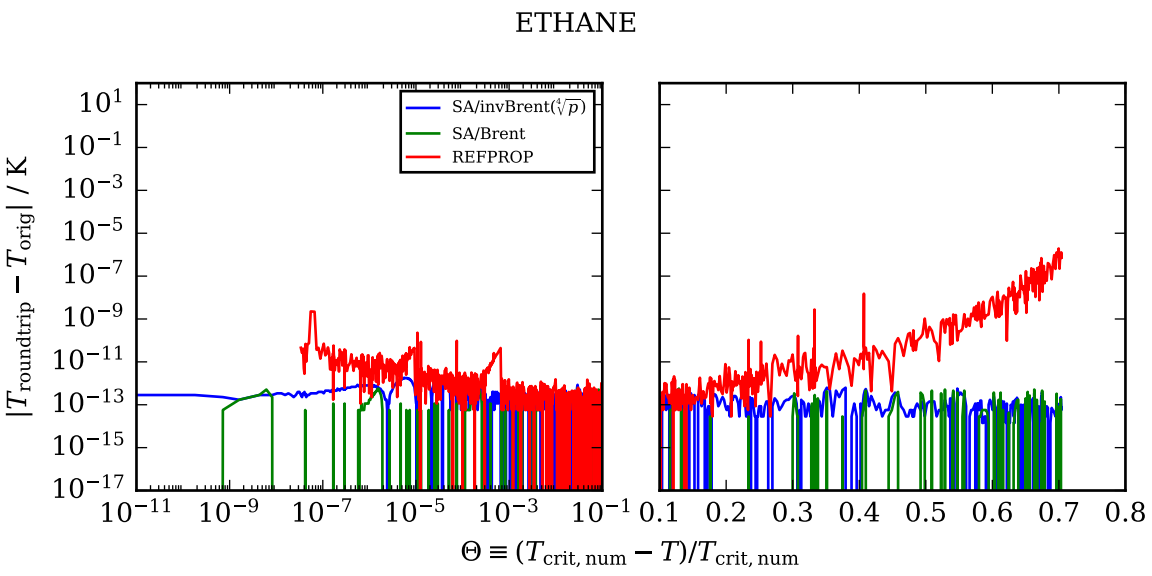

DEE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

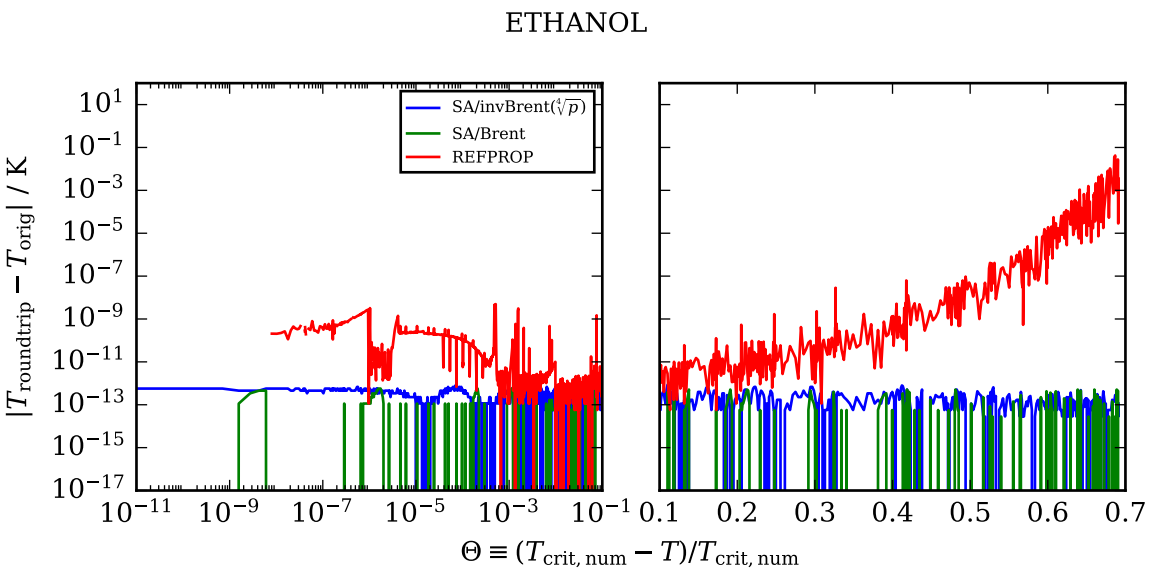

DMC
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

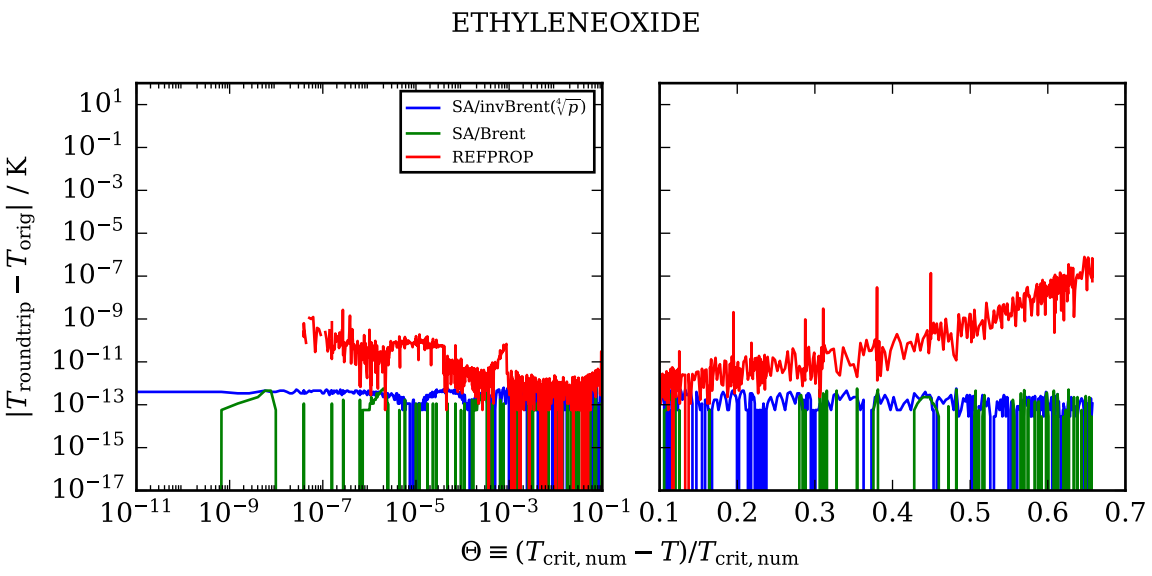

DME
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

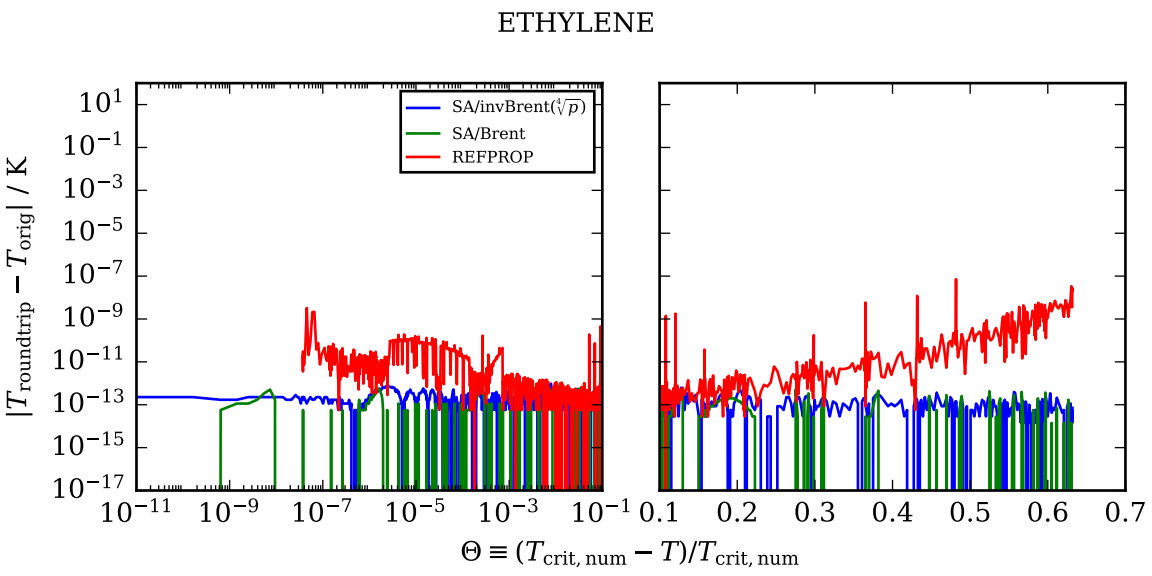

EBENZENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

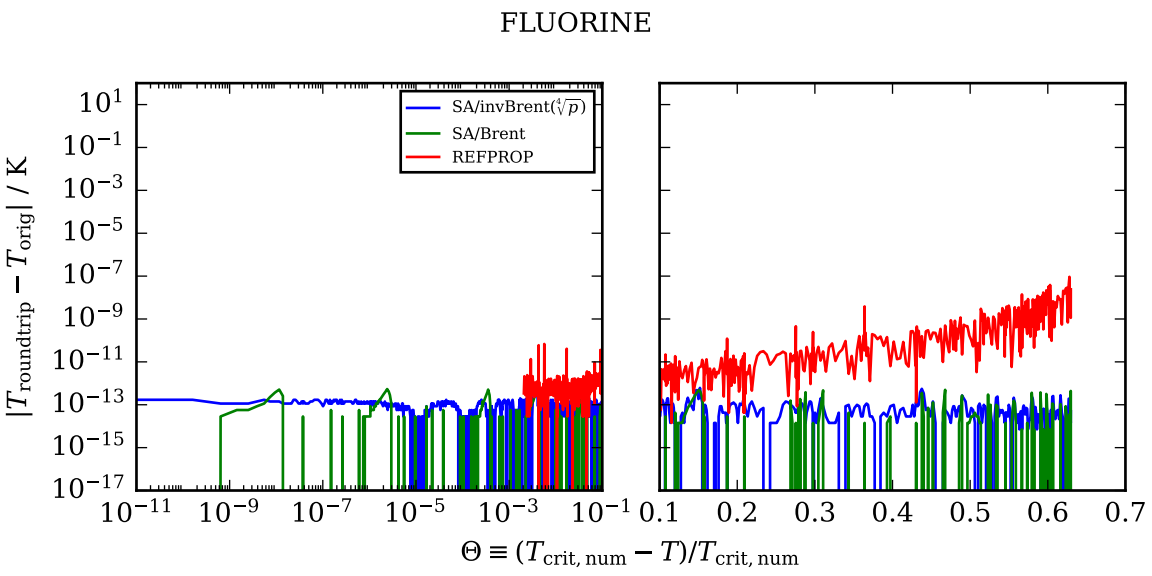

EGLYCOL
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

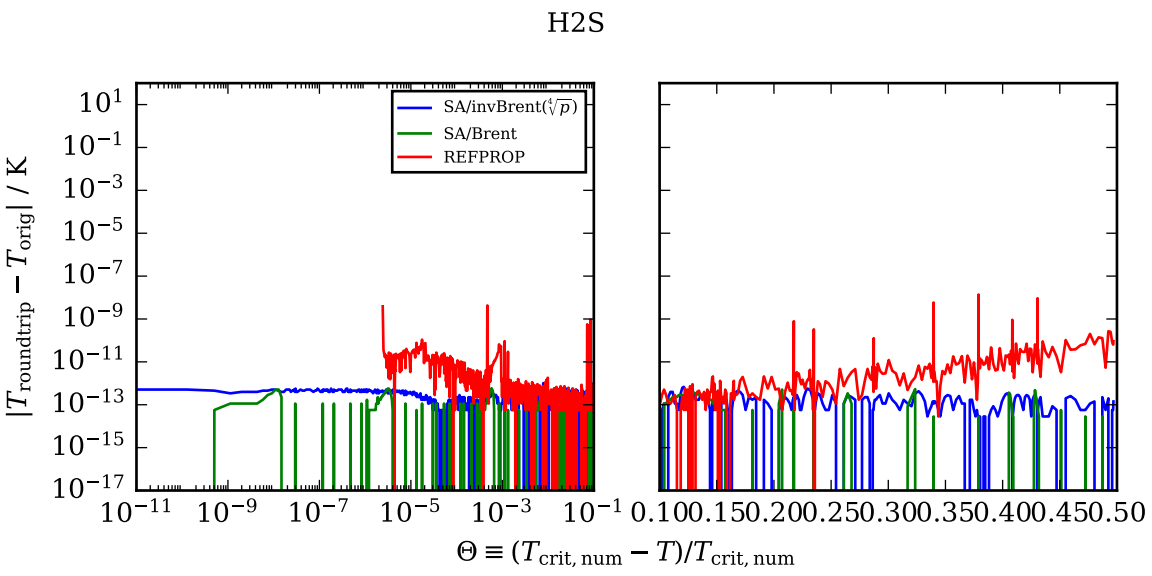

ETHANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

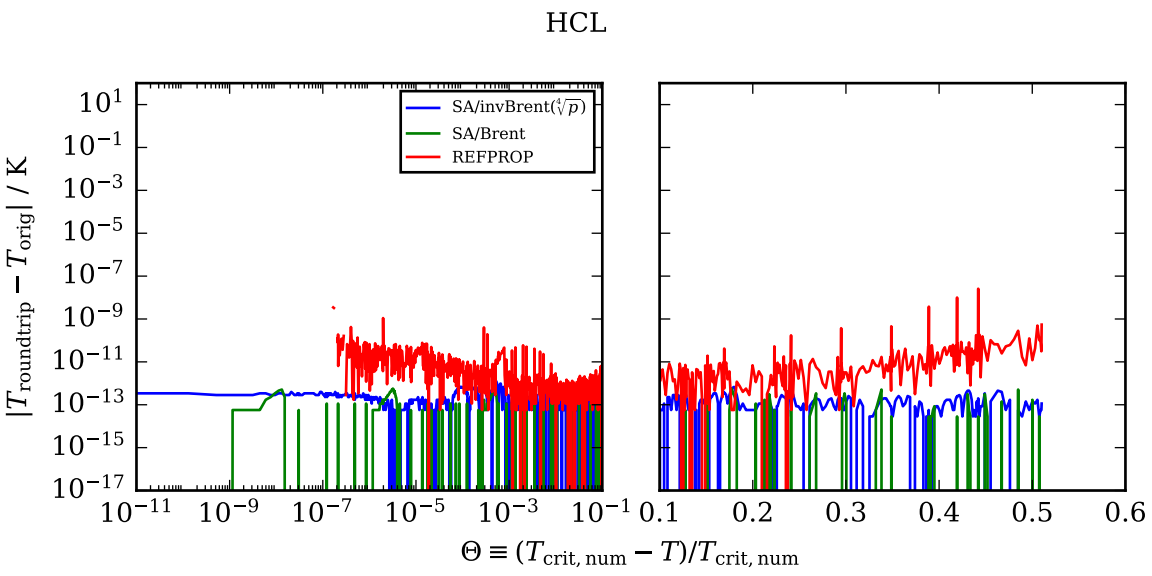

ETHANOL
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

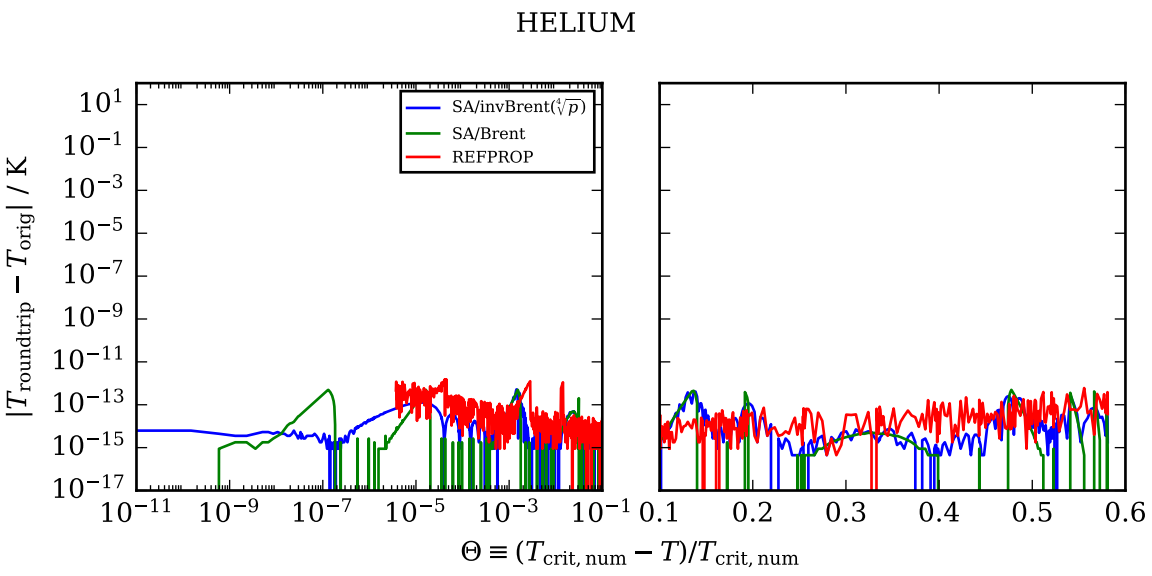

ETHYLENEOXIDE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

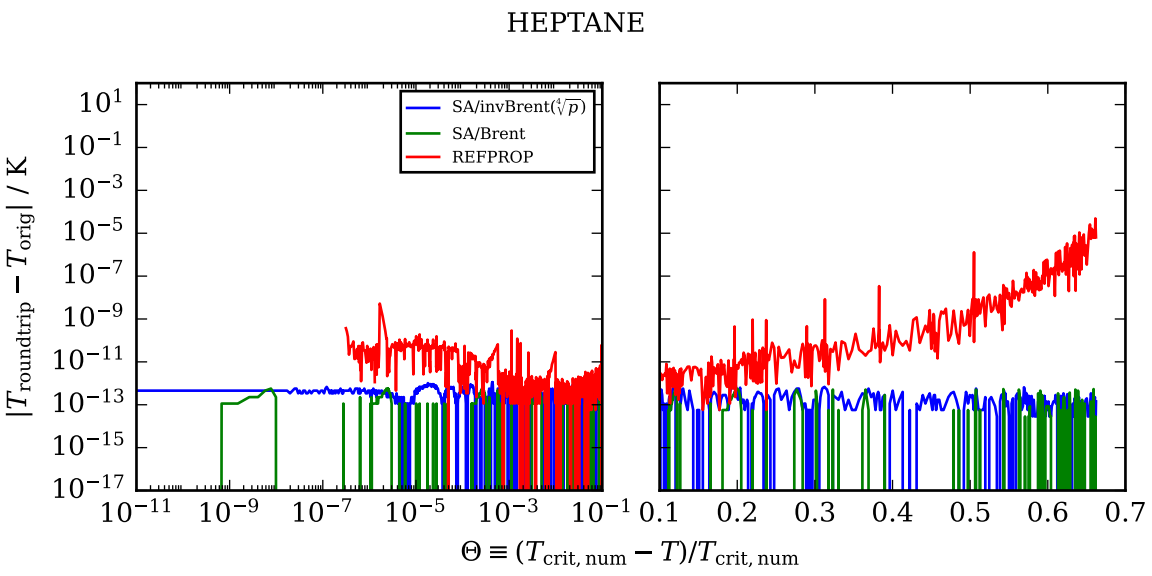

ETHYLENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

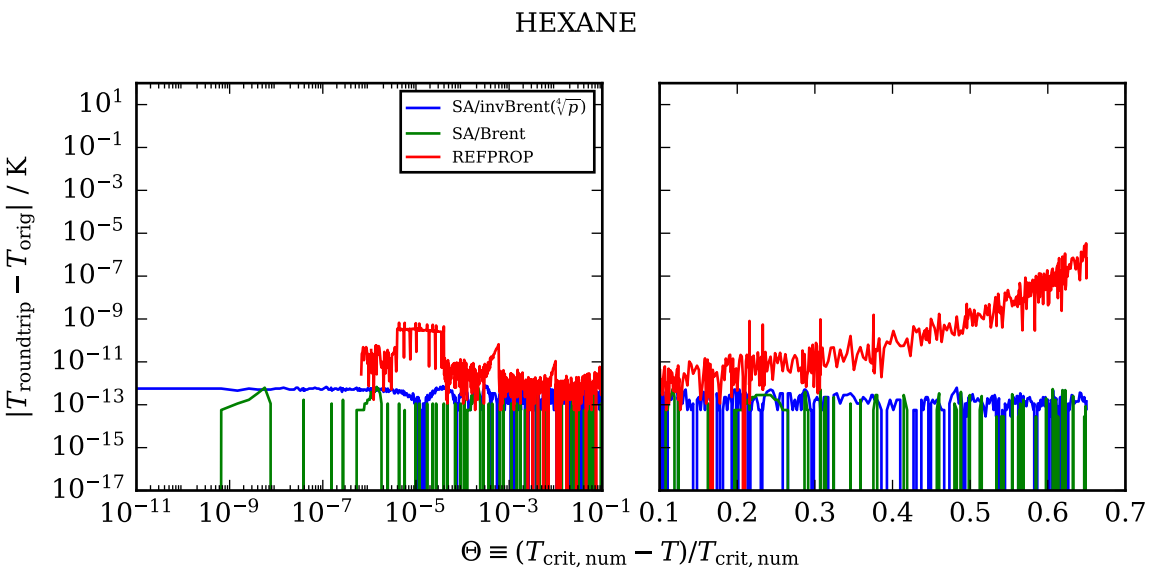

FLUORINE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

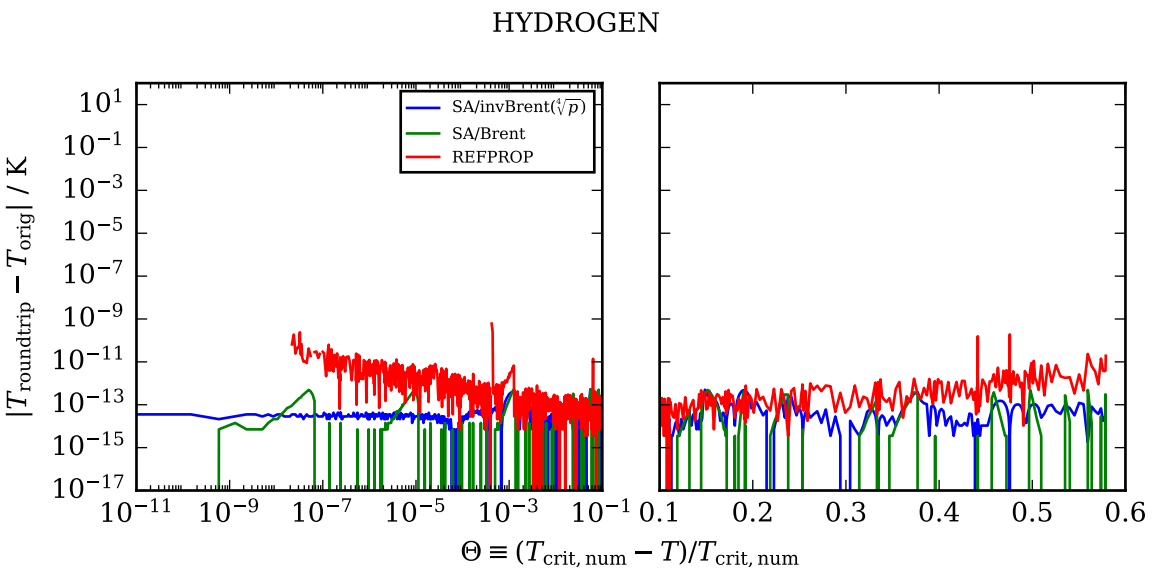

H2S
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.100.150.200.250.300.350.400.450.50
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

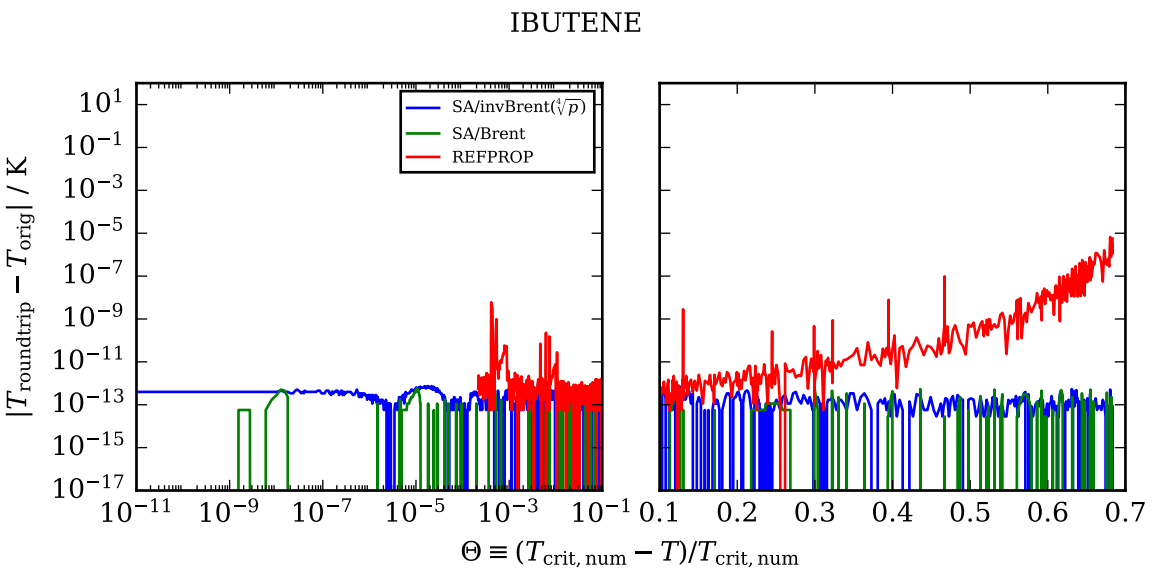

HCL
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

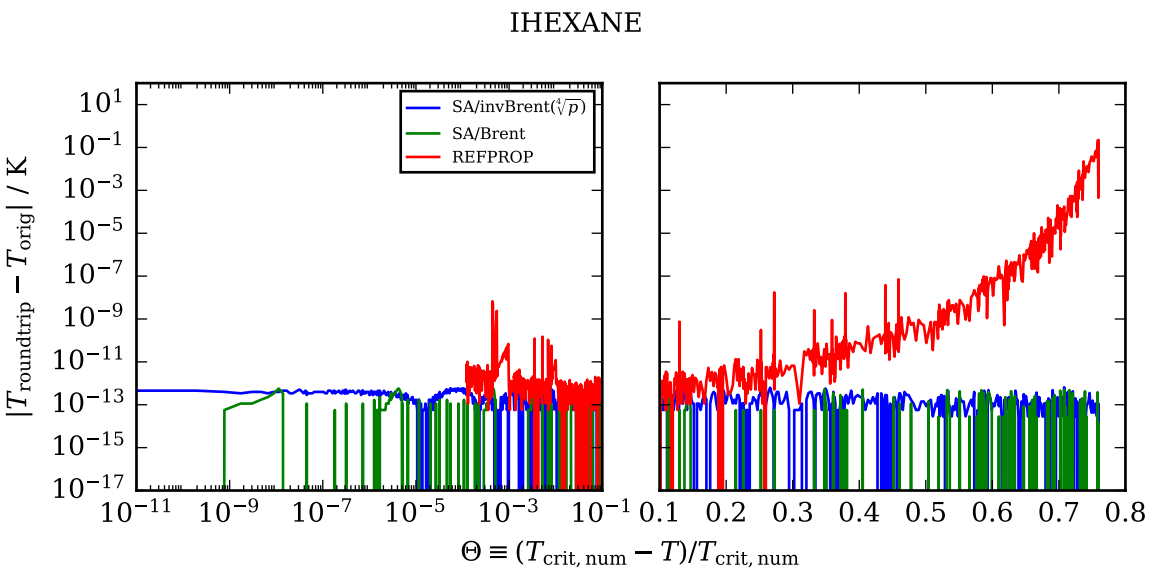

HELIUM
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

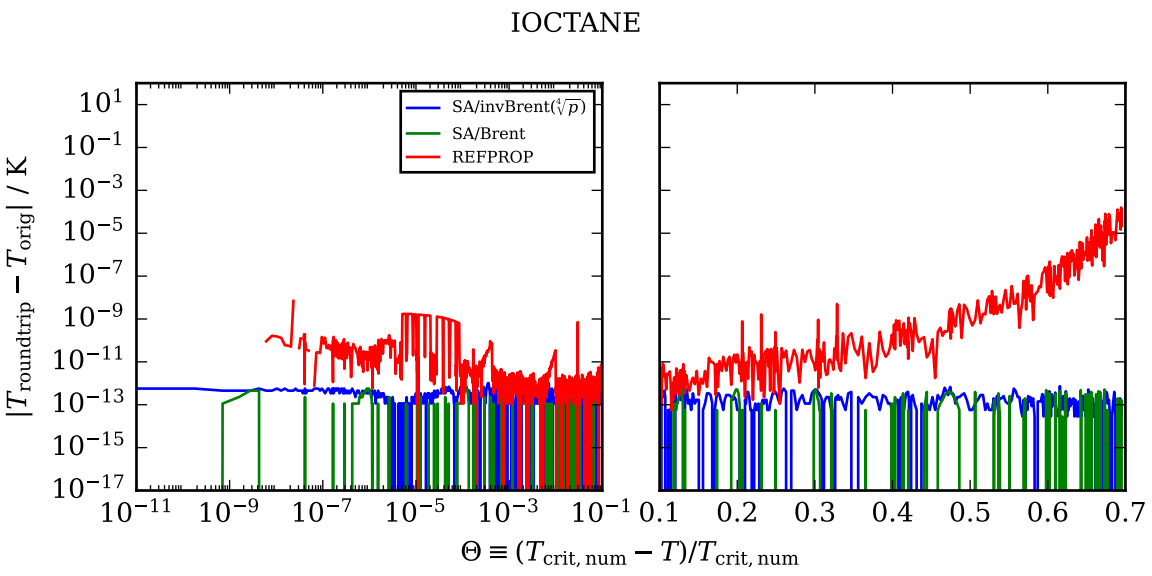

HEPTANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

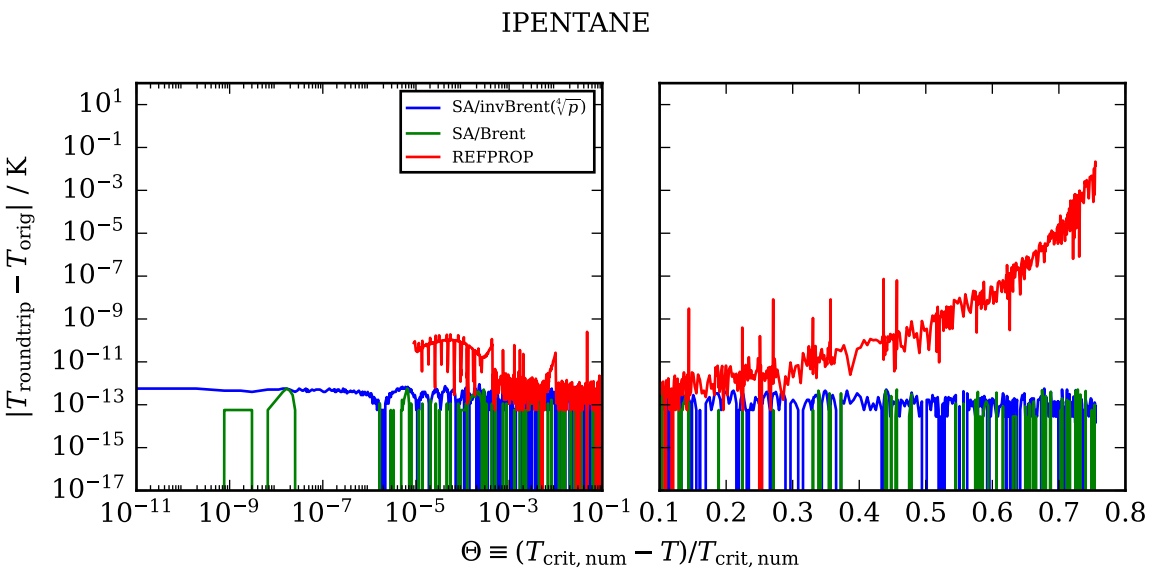

HEXANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

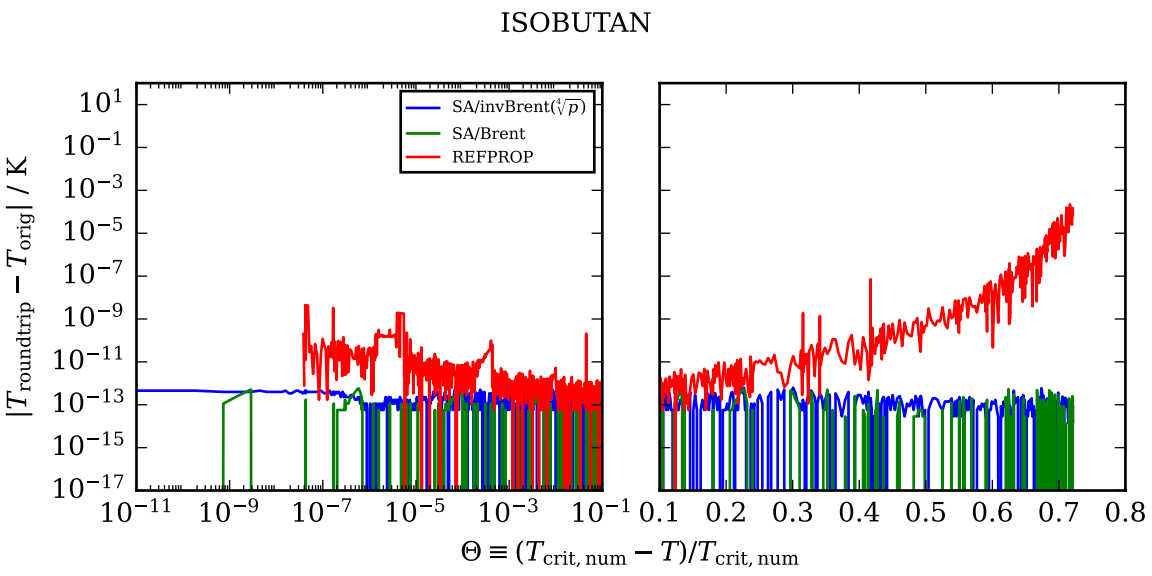

HYDROGEN
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

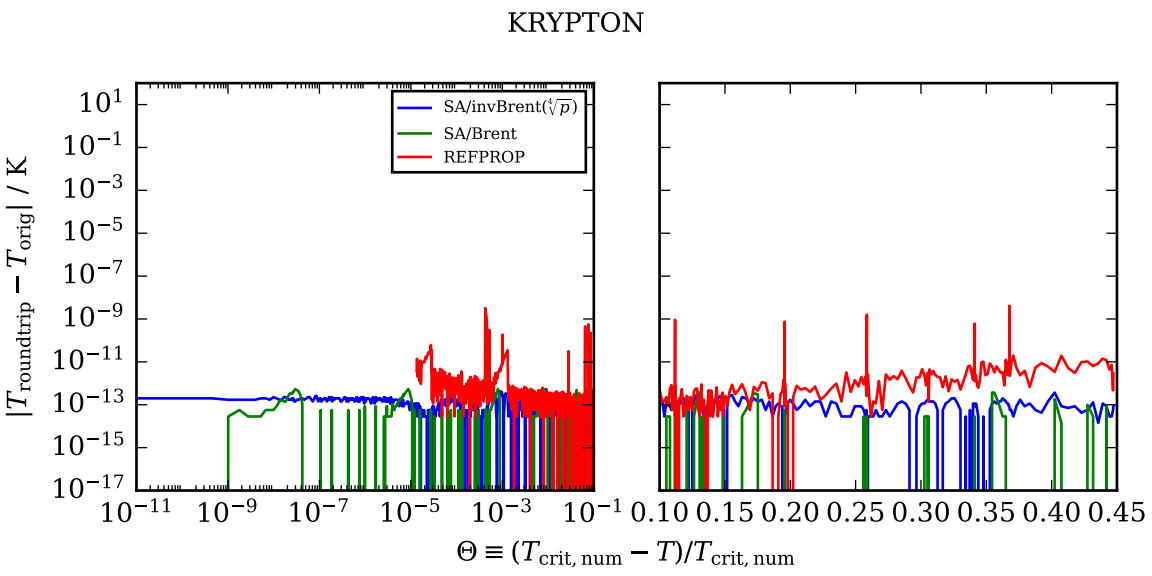

IBUTENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

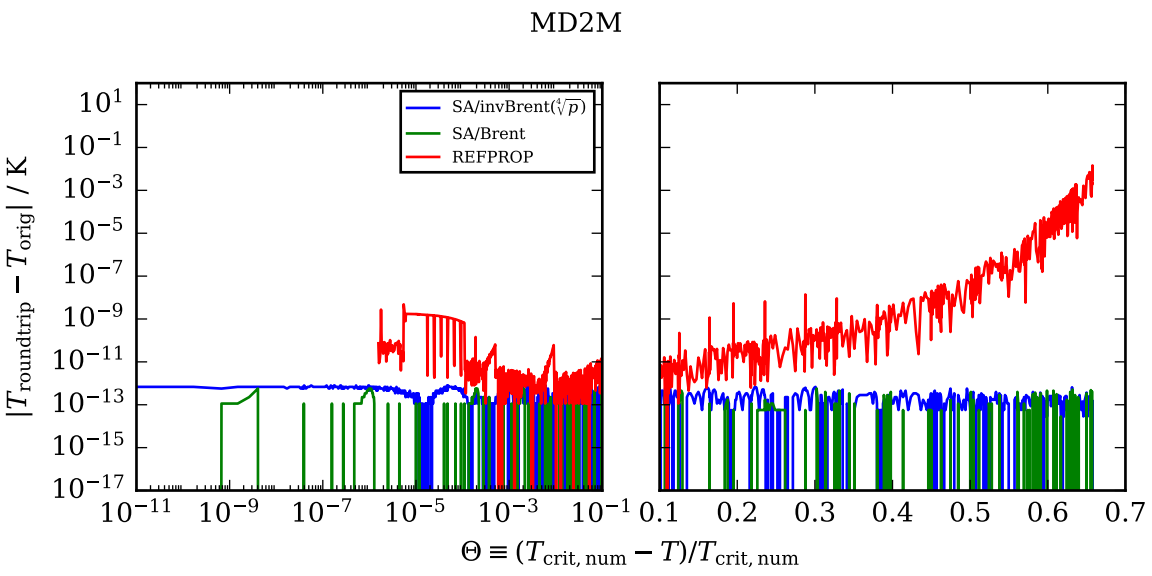

IHEXANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

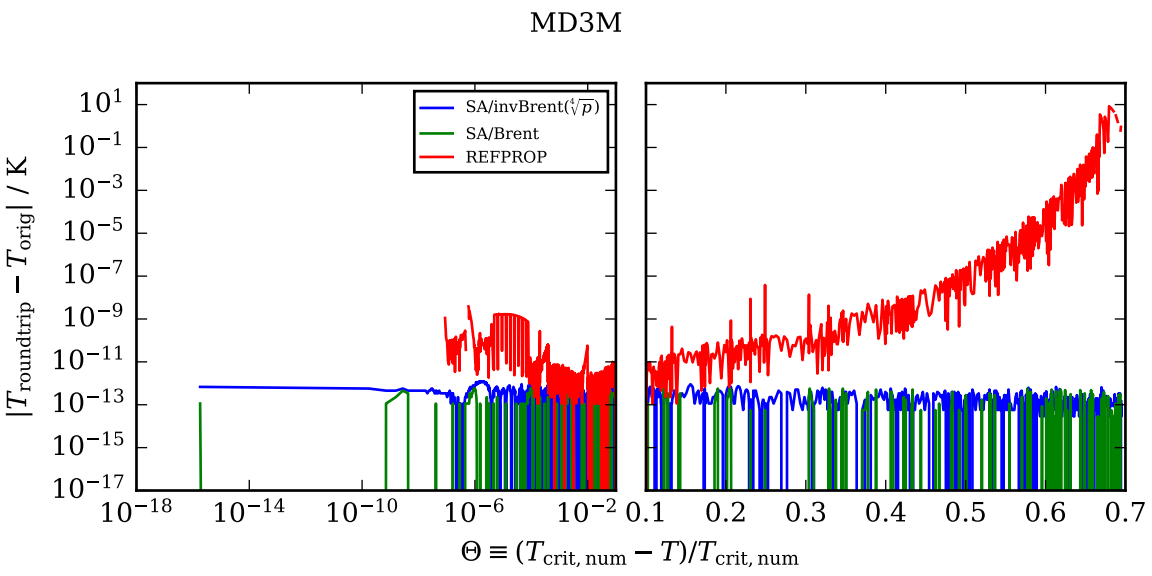

IOCTANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

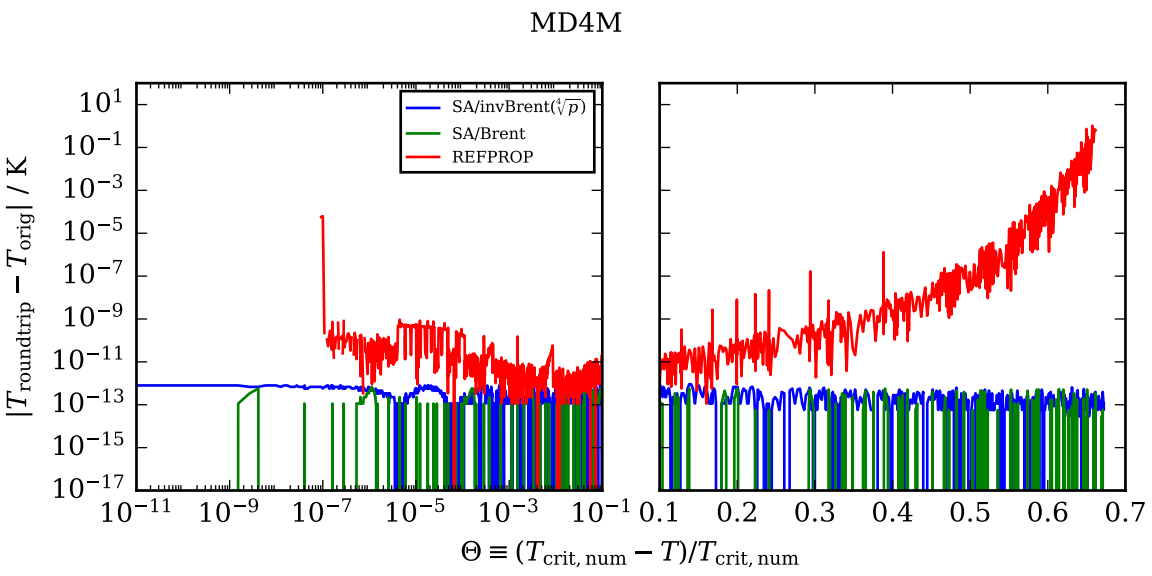

IPENTANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

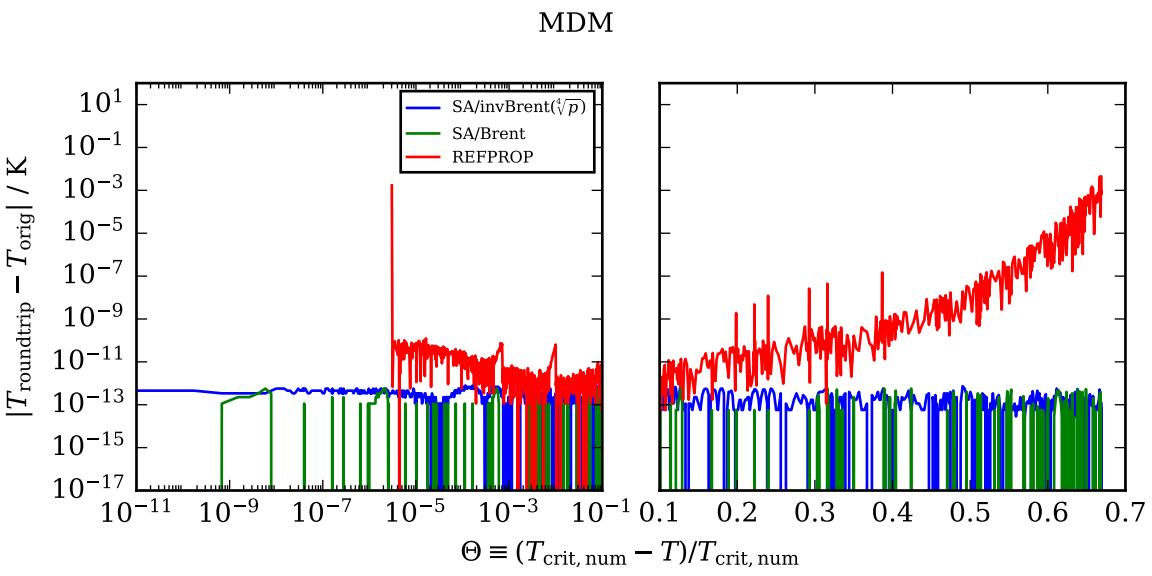

ISOBUTAN
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

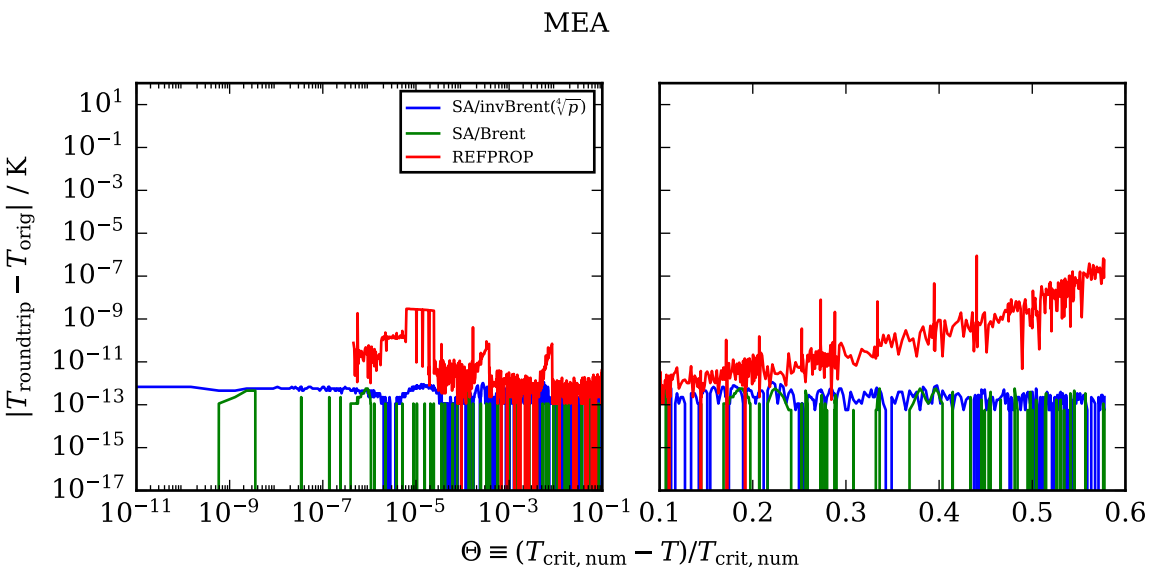

KRYPTON
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

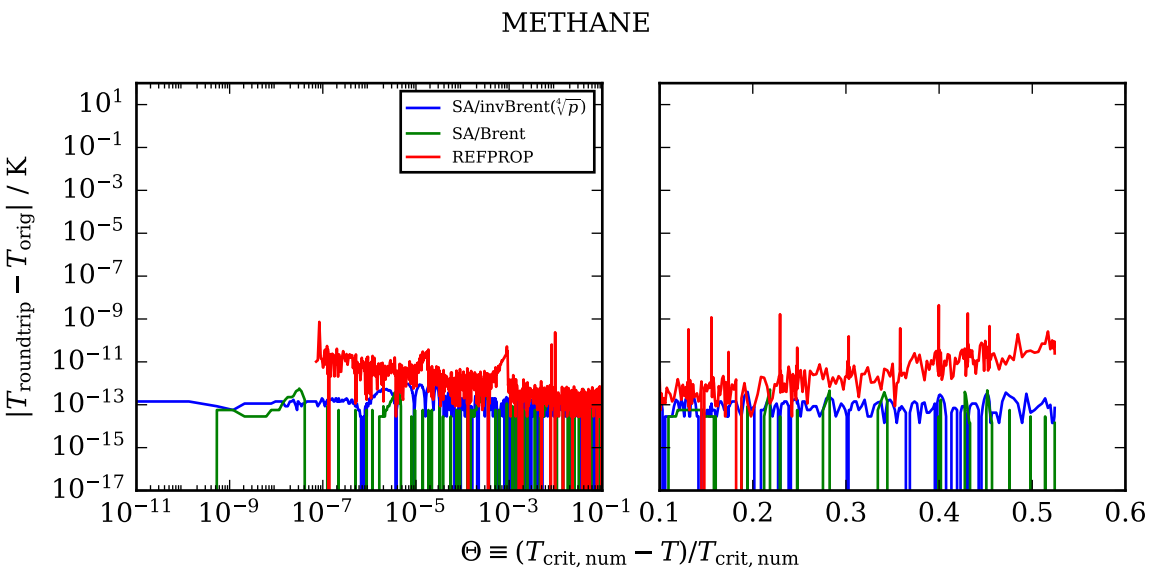

MD2M
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

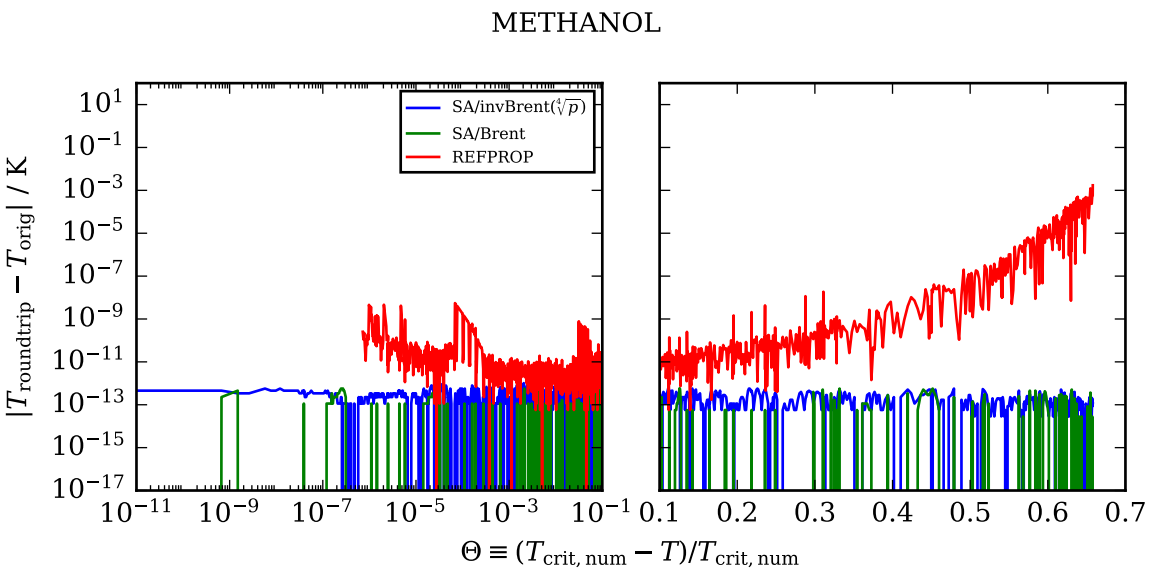

MD3M
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

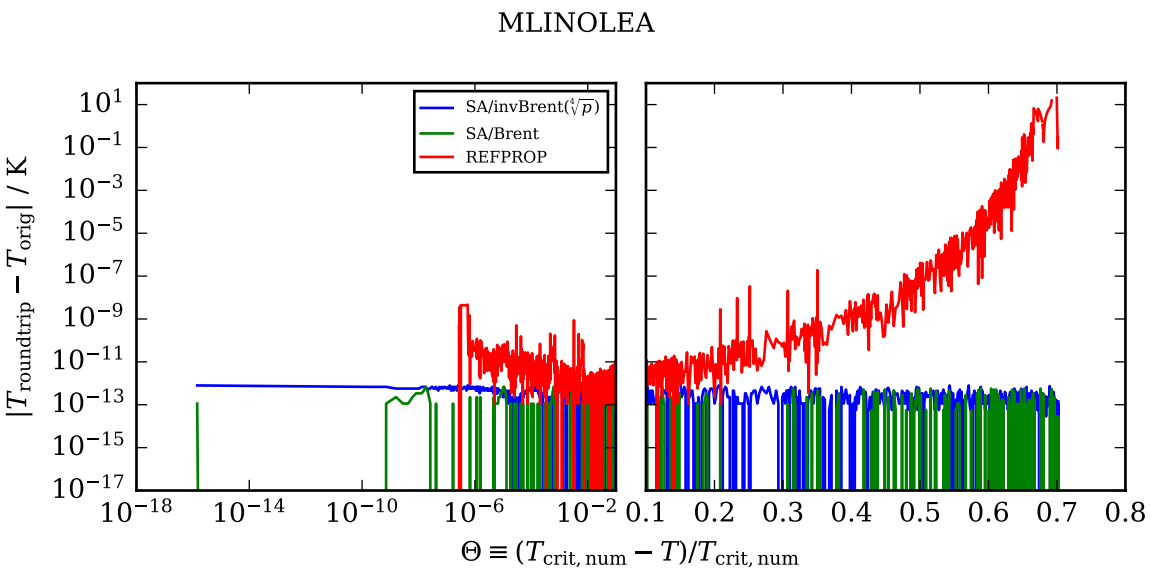

MD4M
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

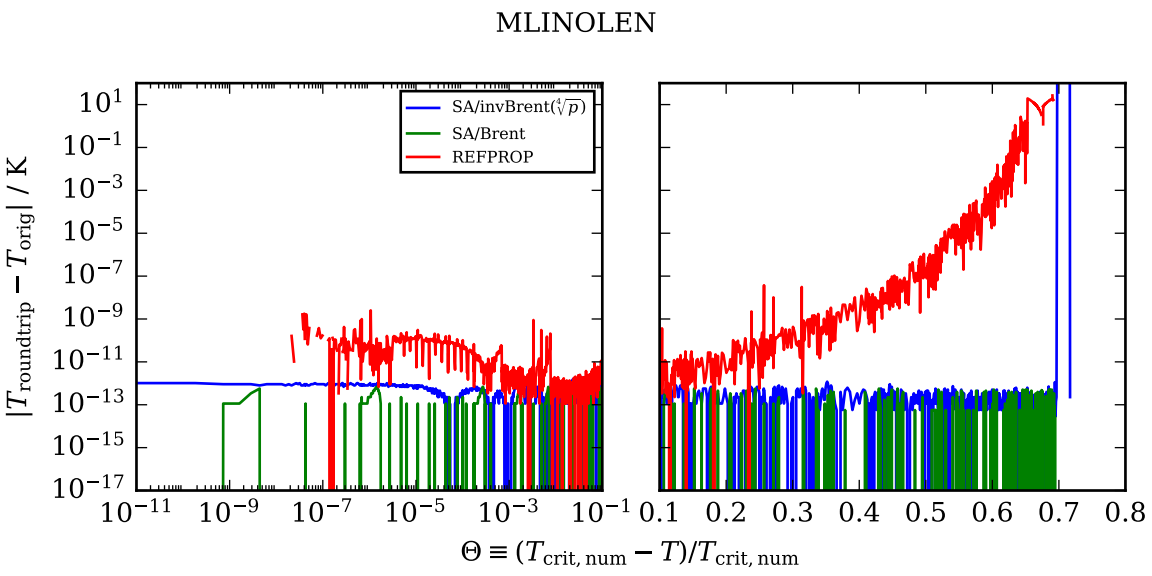

MDM
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

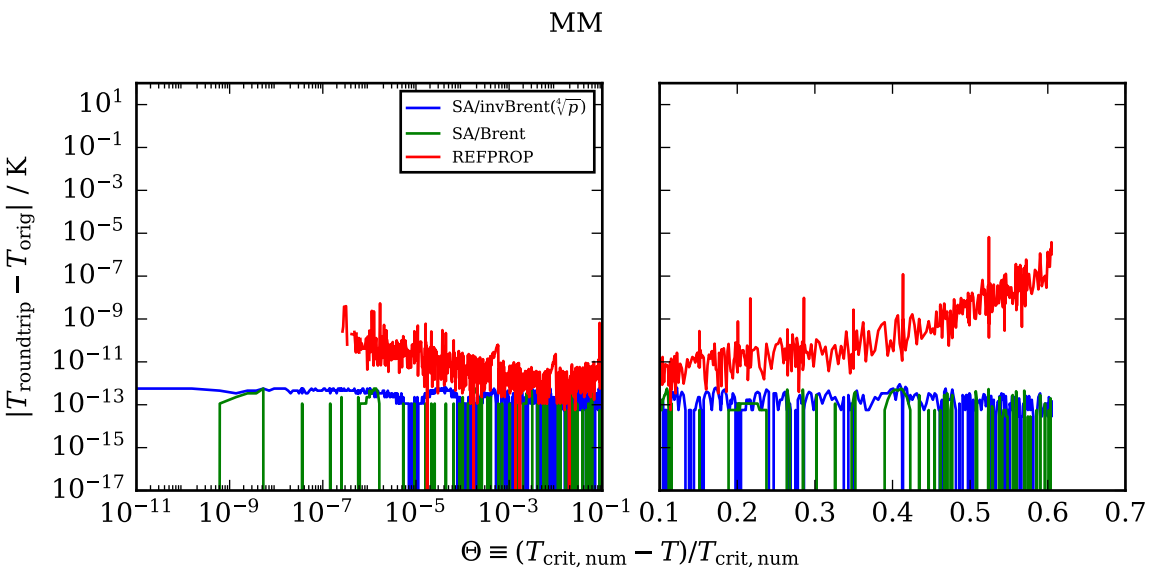

MEA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

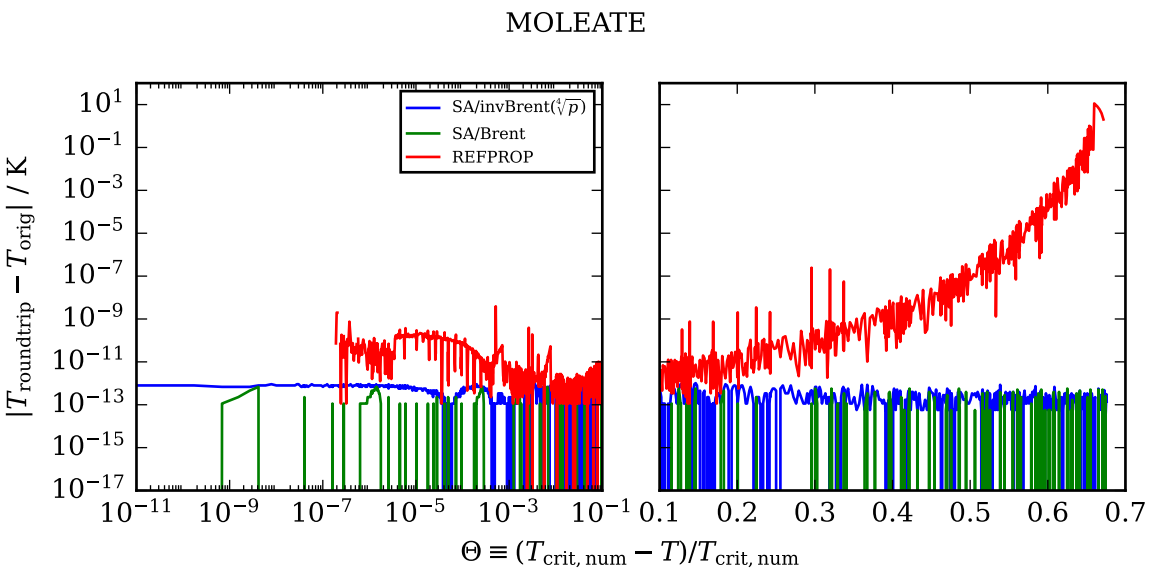

METHANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

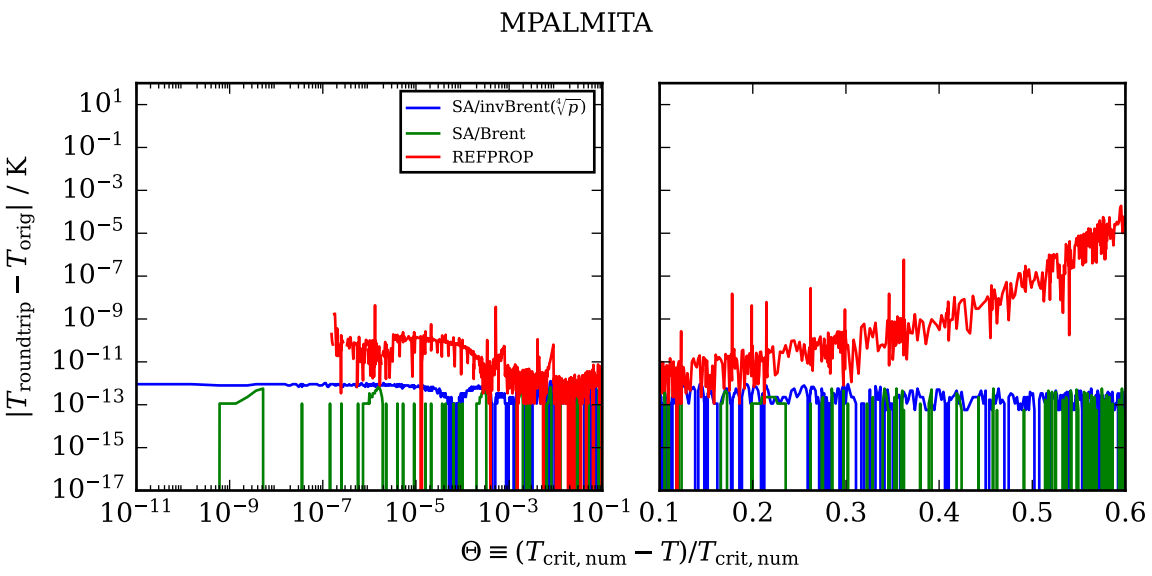

METHANOL
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

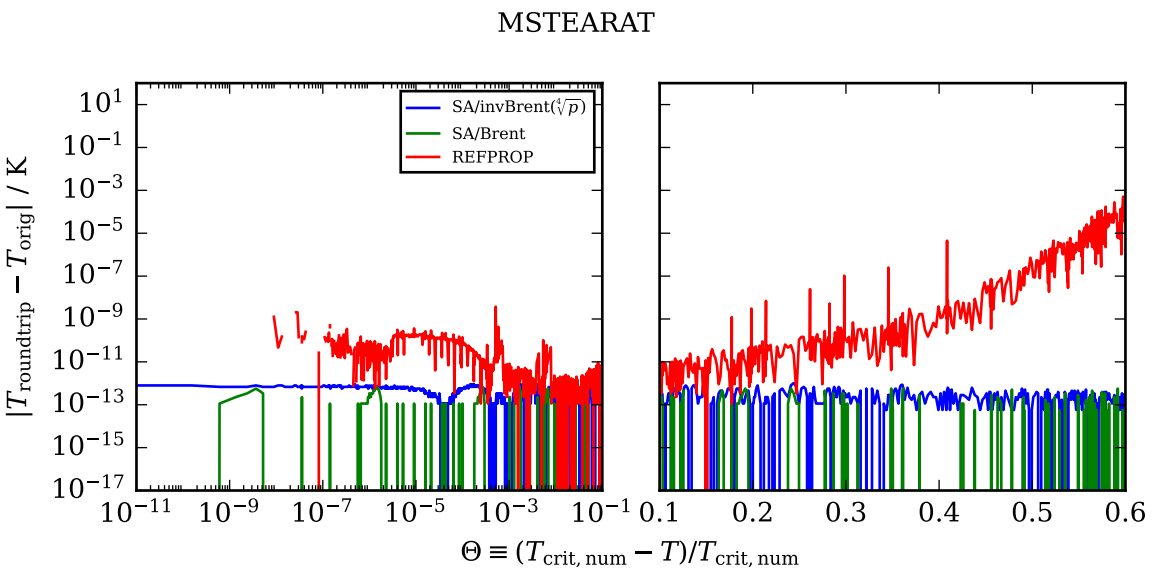

MLINOLEA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

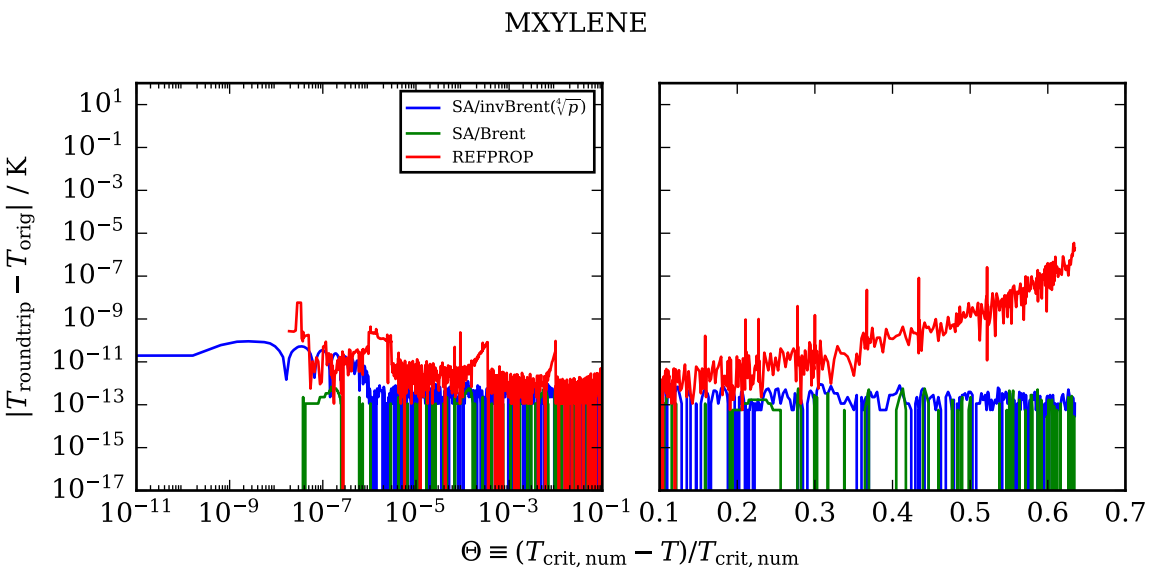

MLINOLEN
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

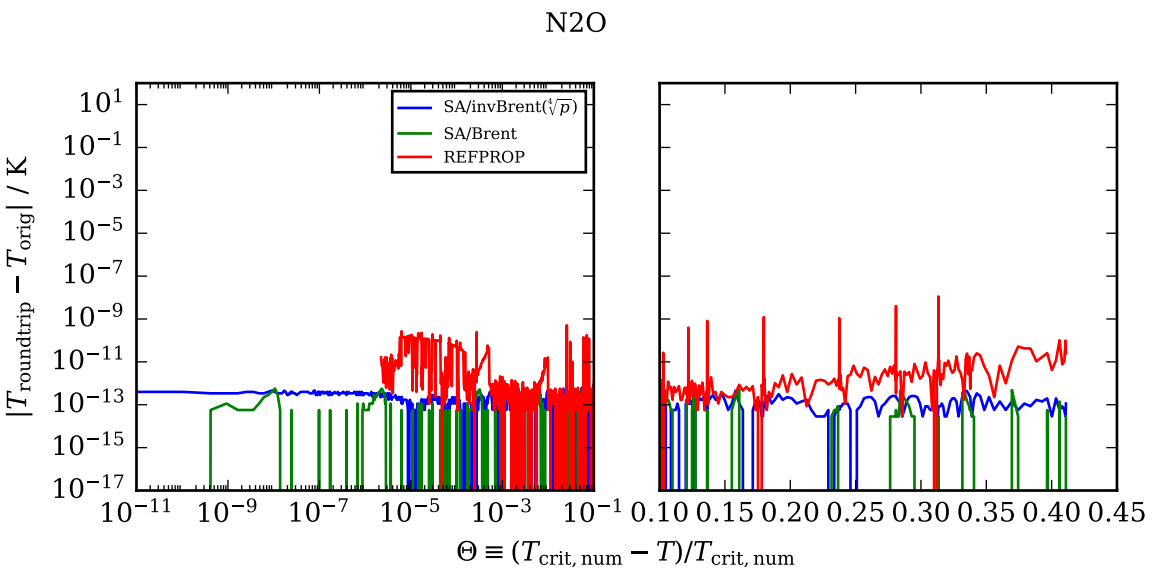

MM
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

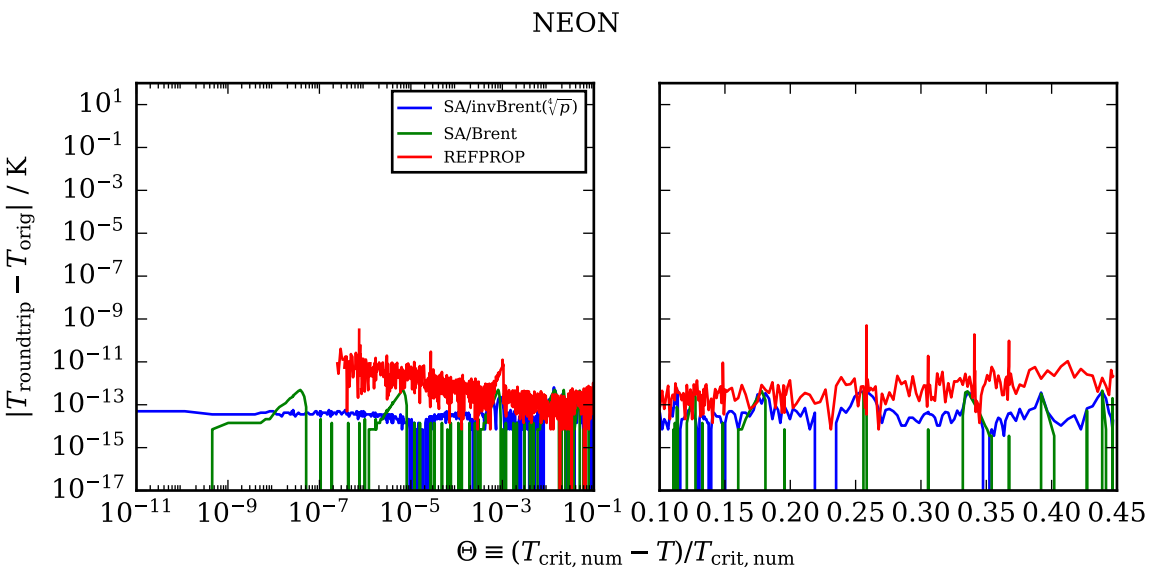

MOLEATE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

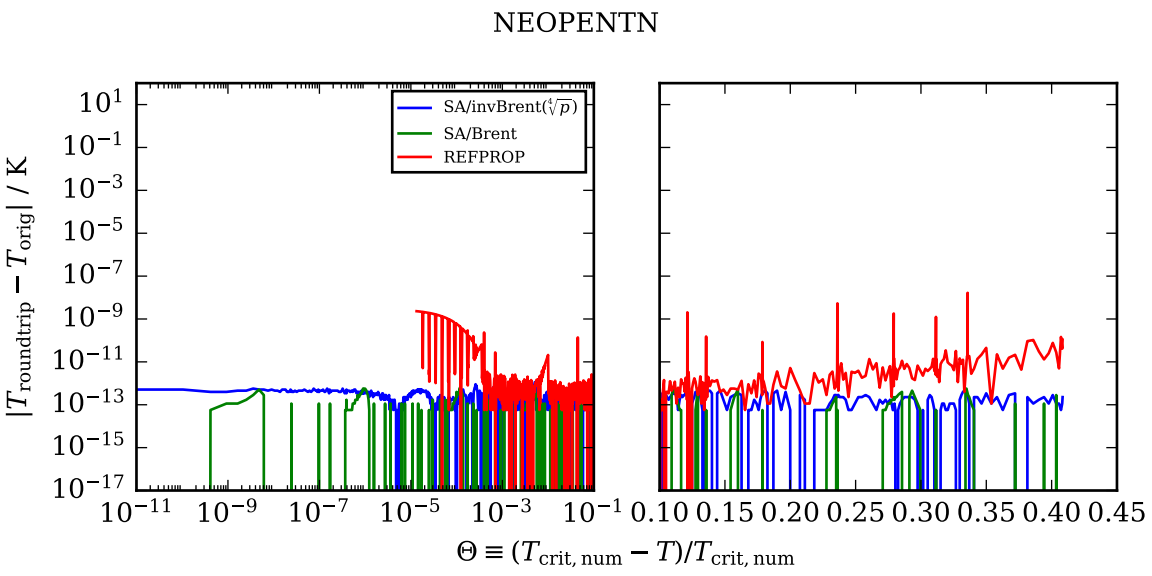

MPALMITA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

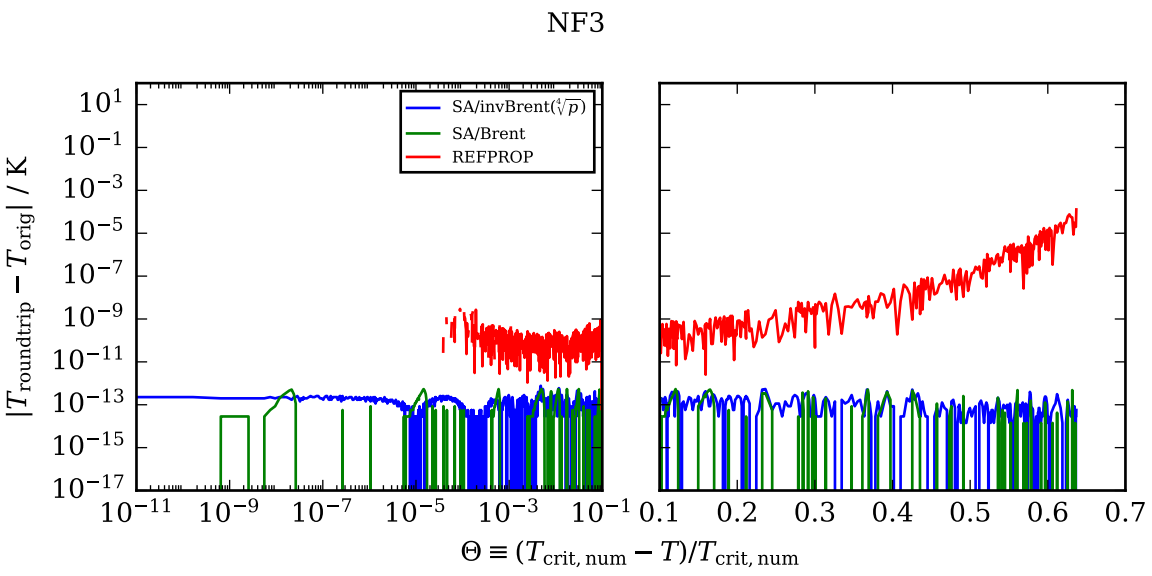

MSTEARAT
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

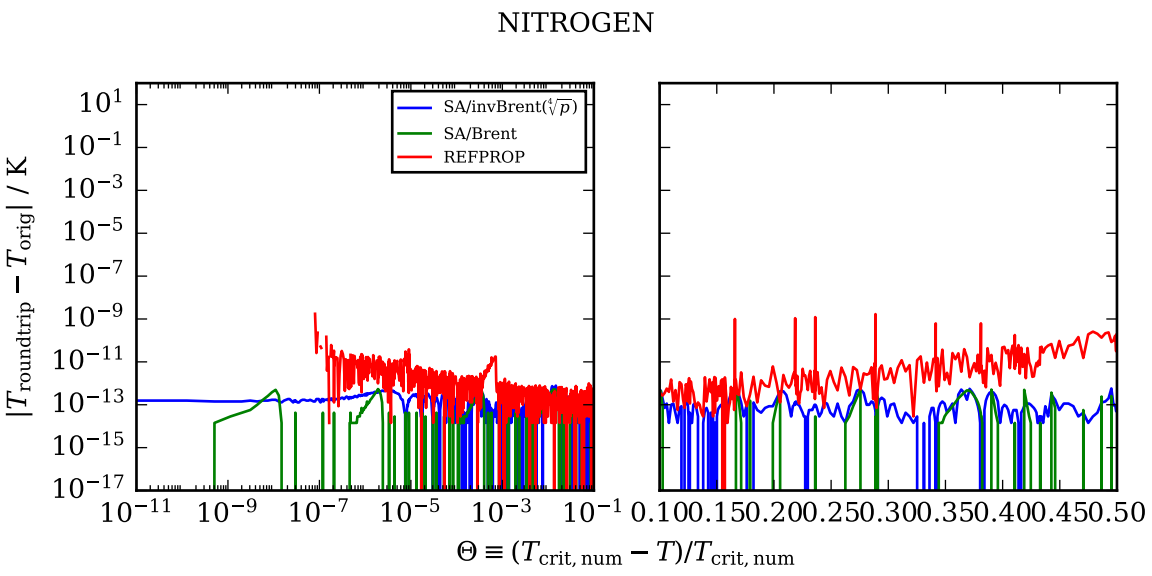

MXYLENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

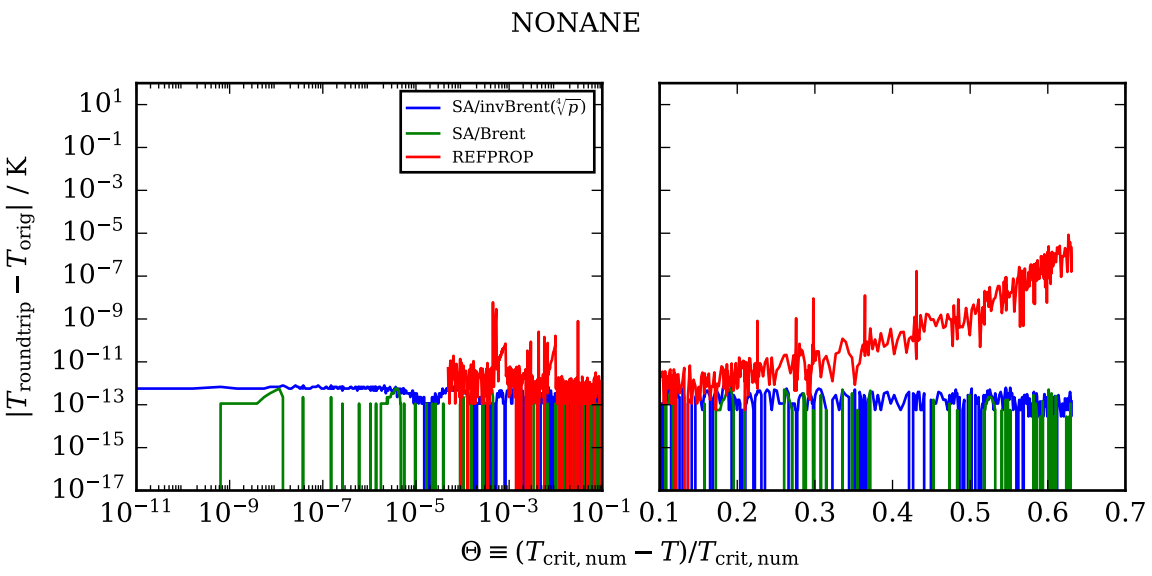

N2O
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


NEON
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

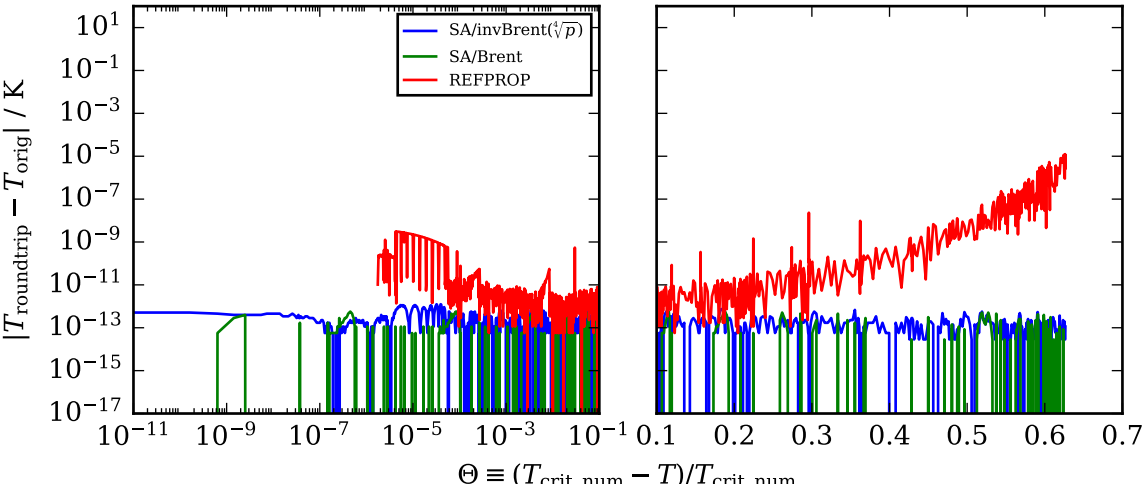

NEOPENTN
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


NF3
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


NITROGEN
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


NONANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

NOVEC649


SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
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10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
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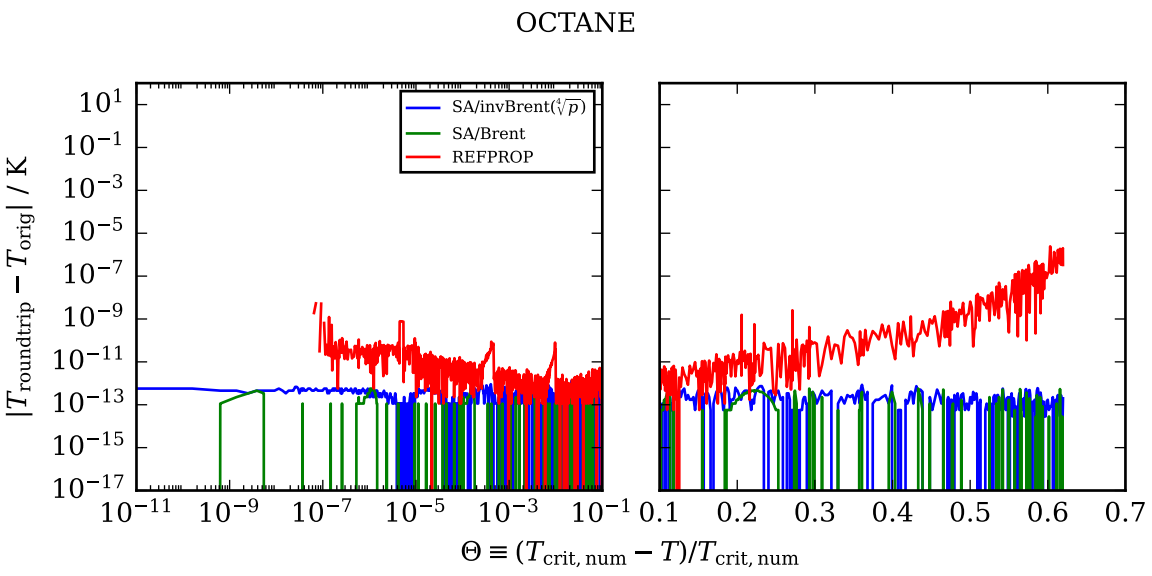
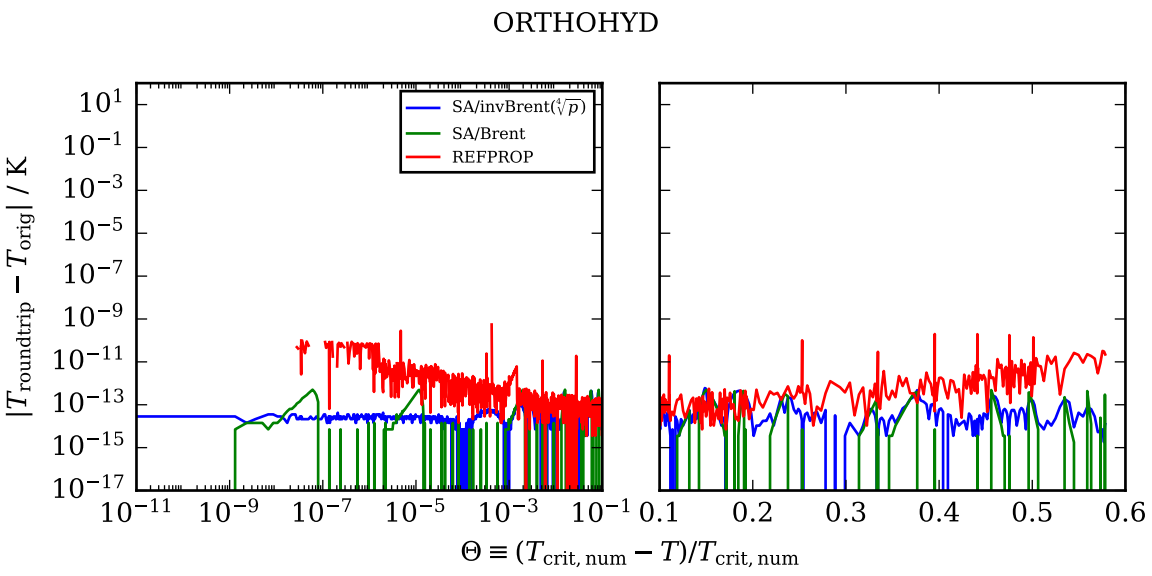
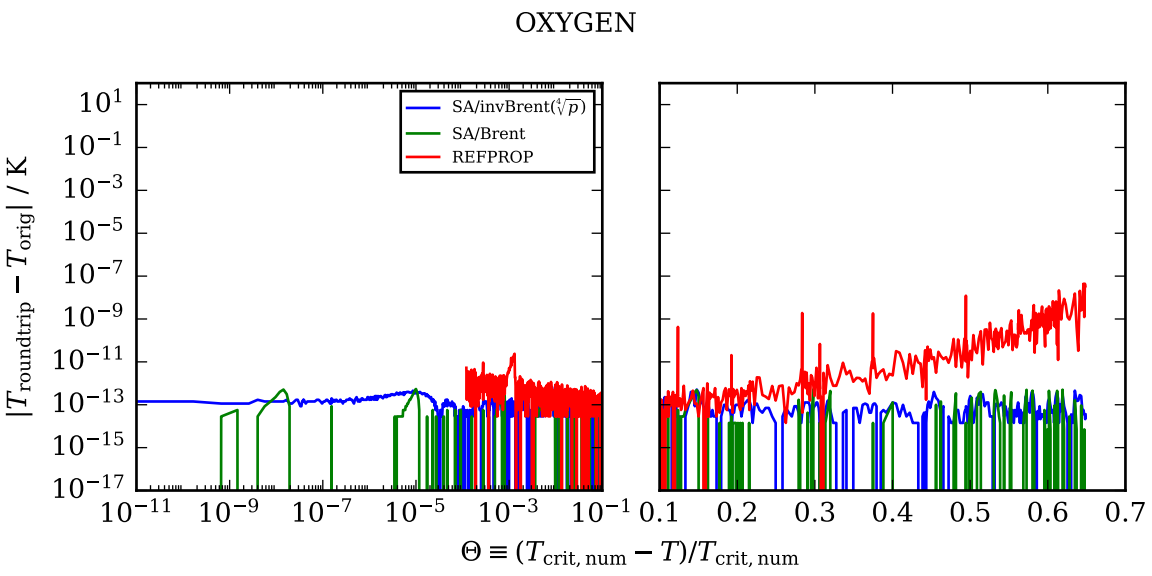
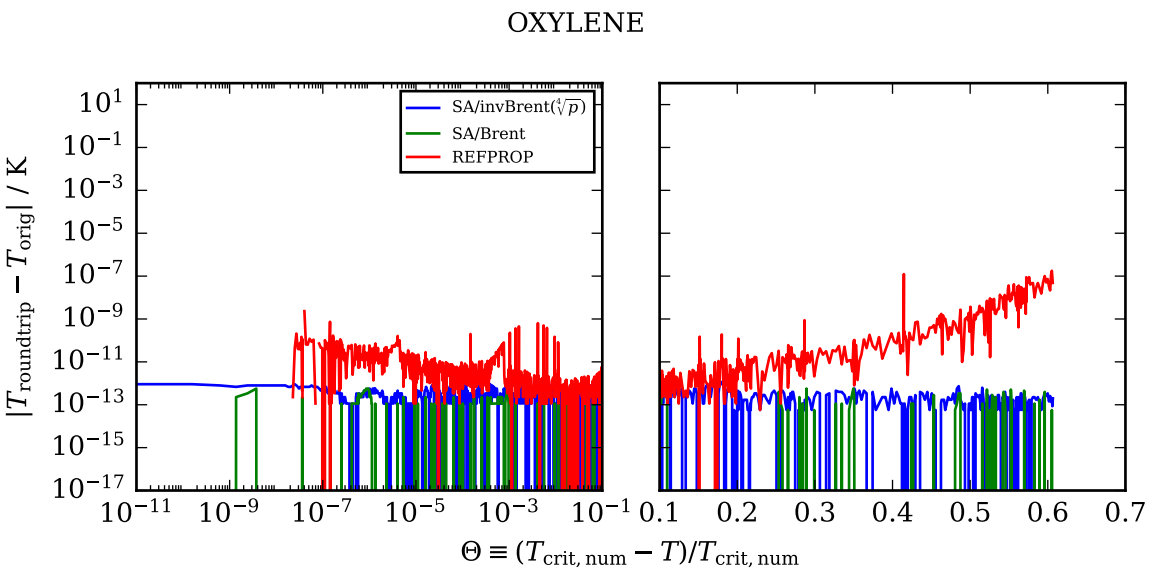
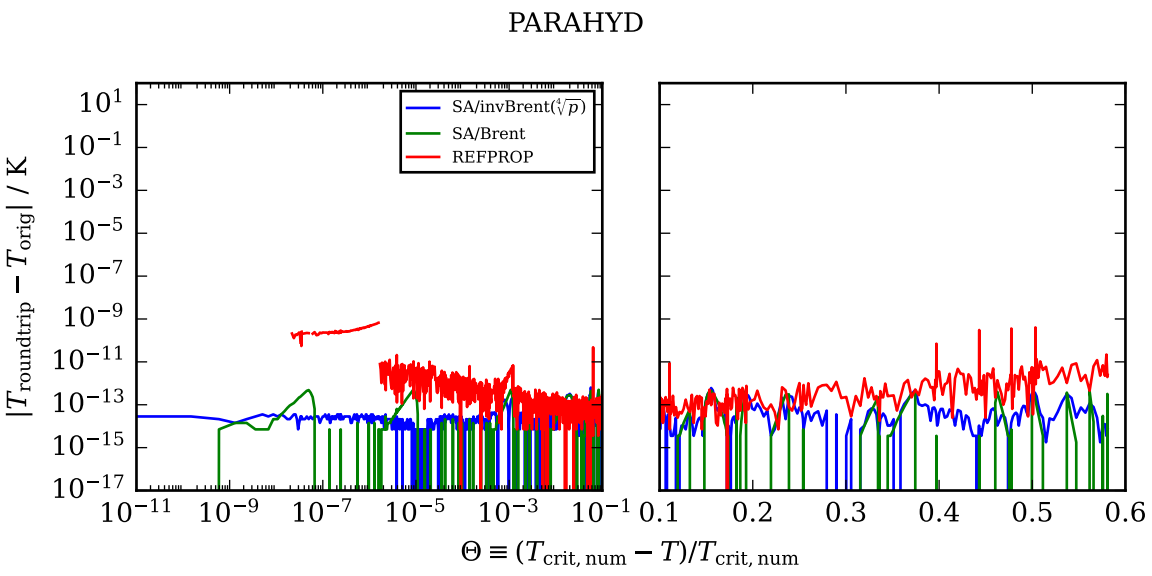
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

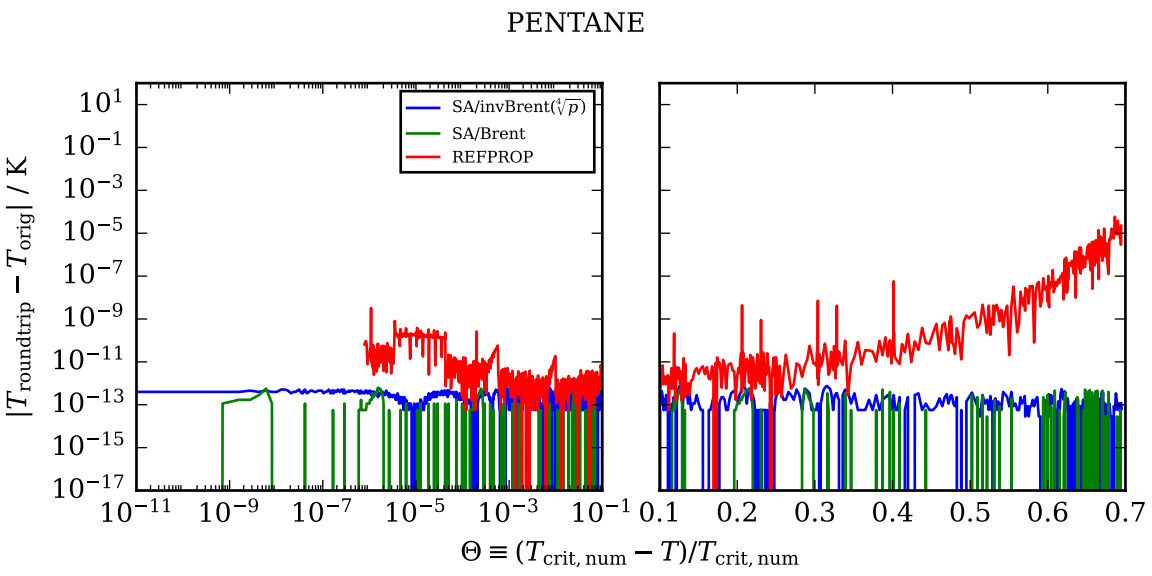

OCTANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

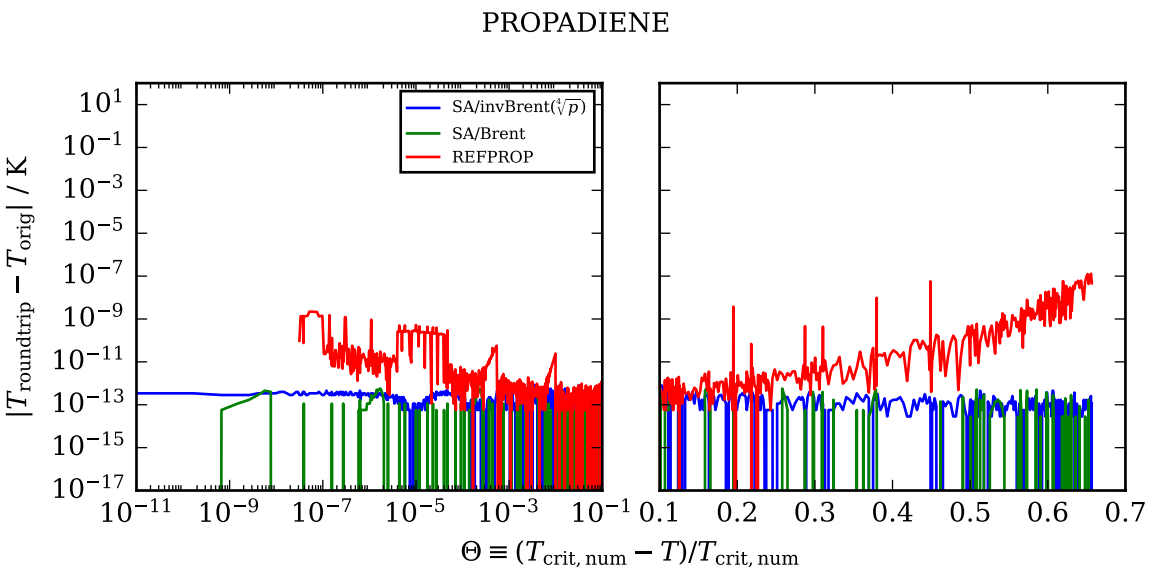

ORTHOHYD
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

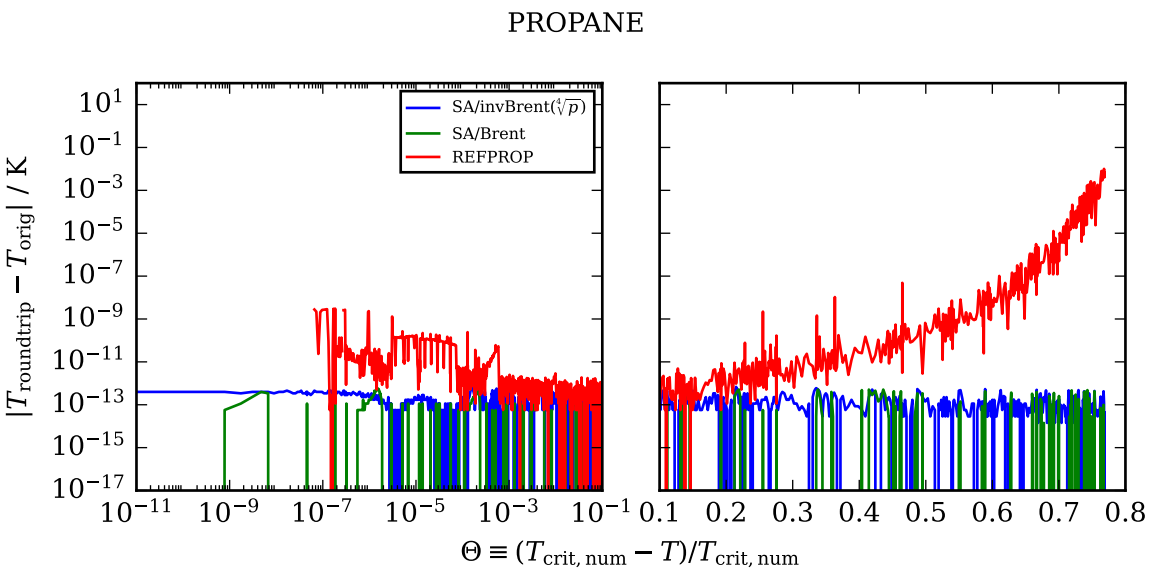

OXYGEN
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

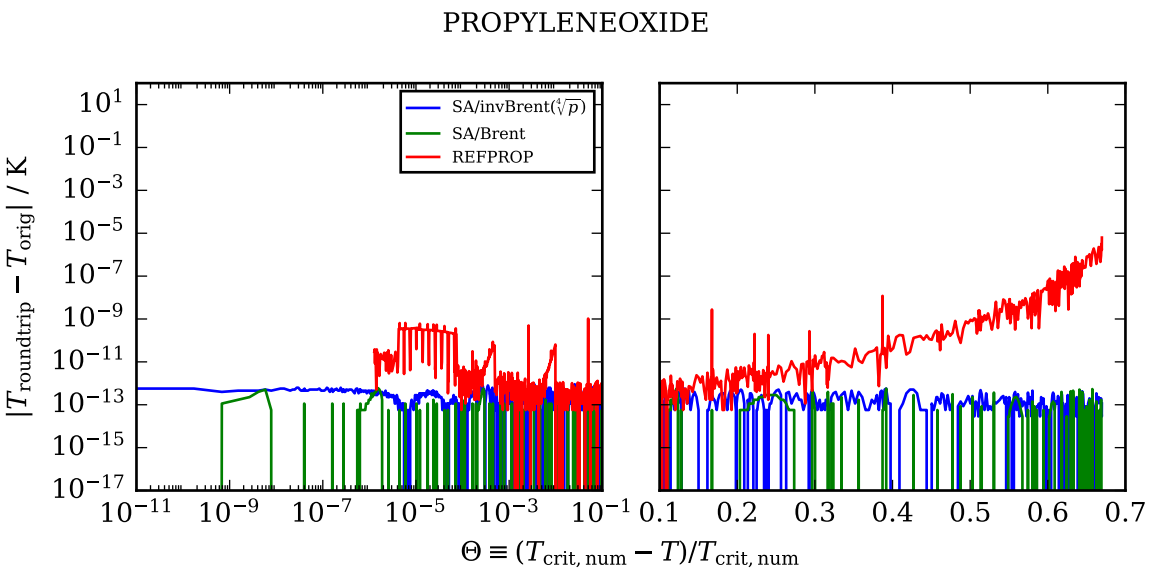

OXYLENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

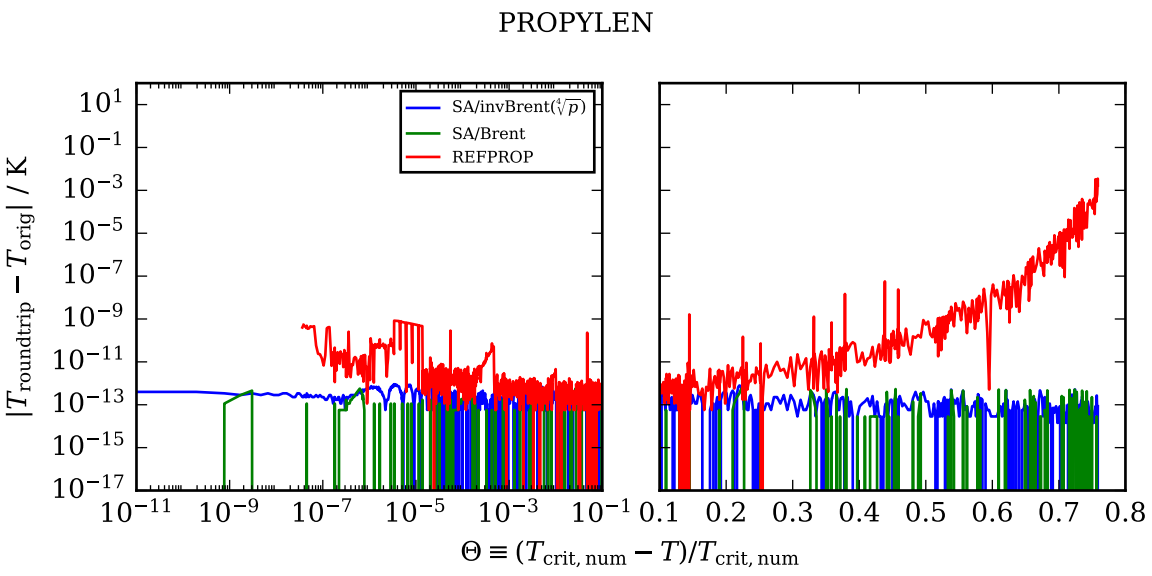

PARAHYD
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

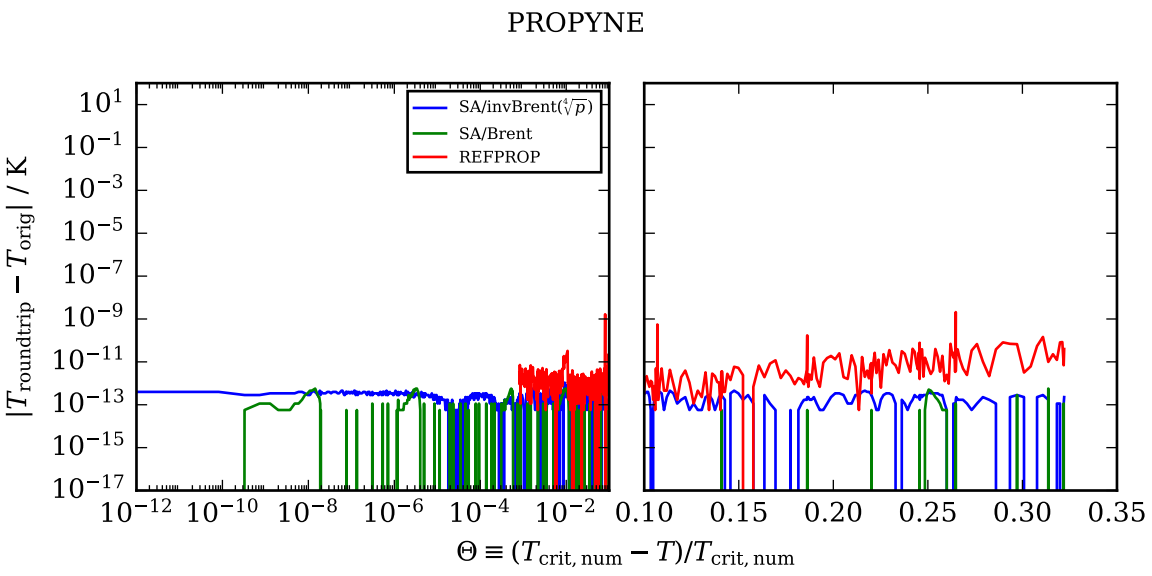

PENTANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

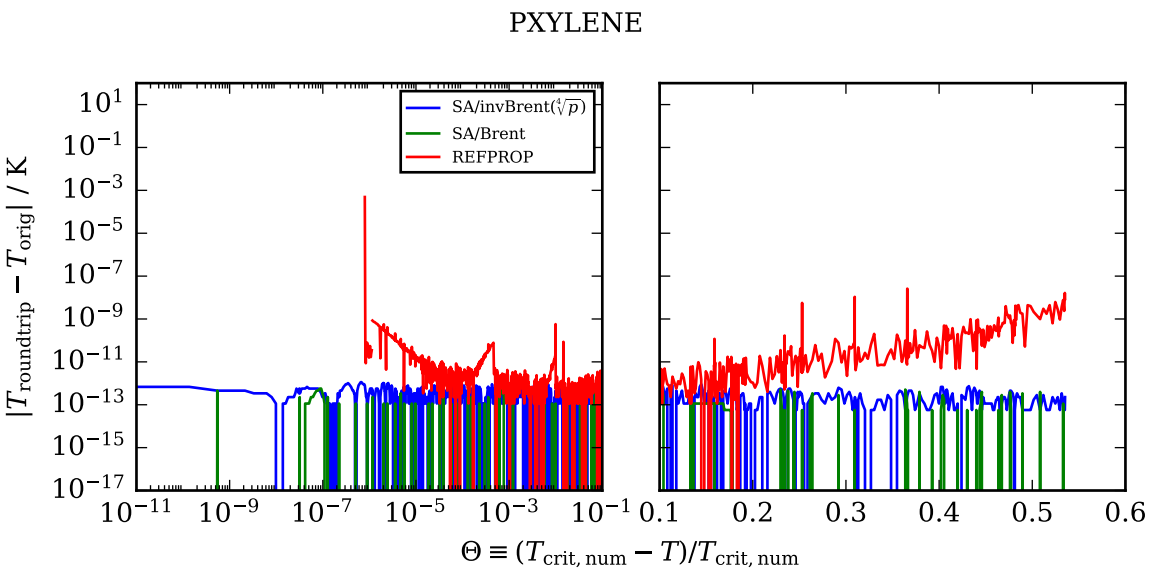

PROPADIENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

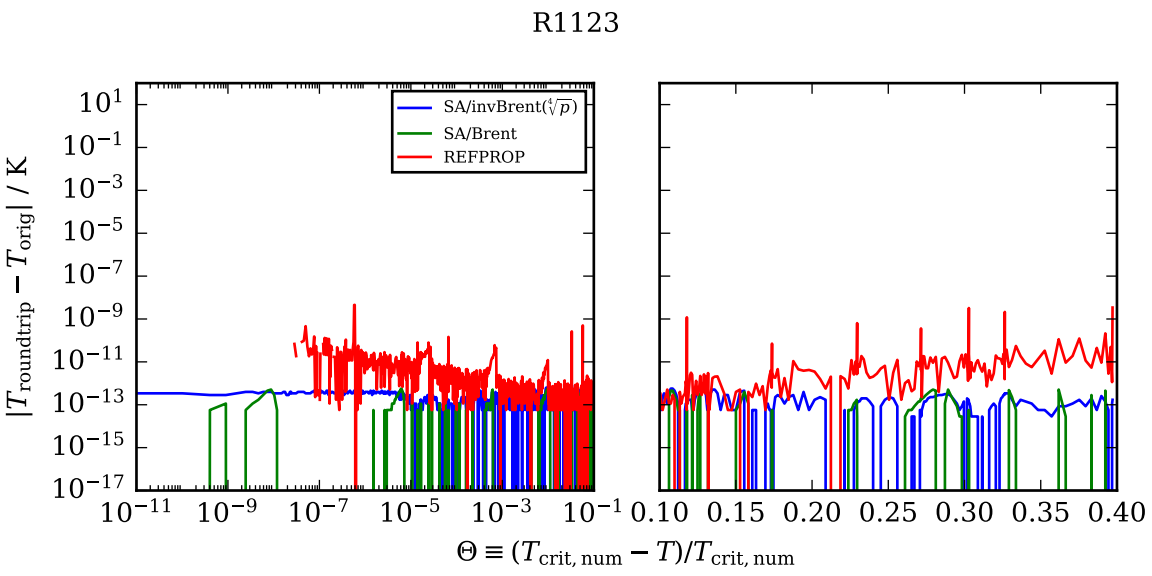

PROPANE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

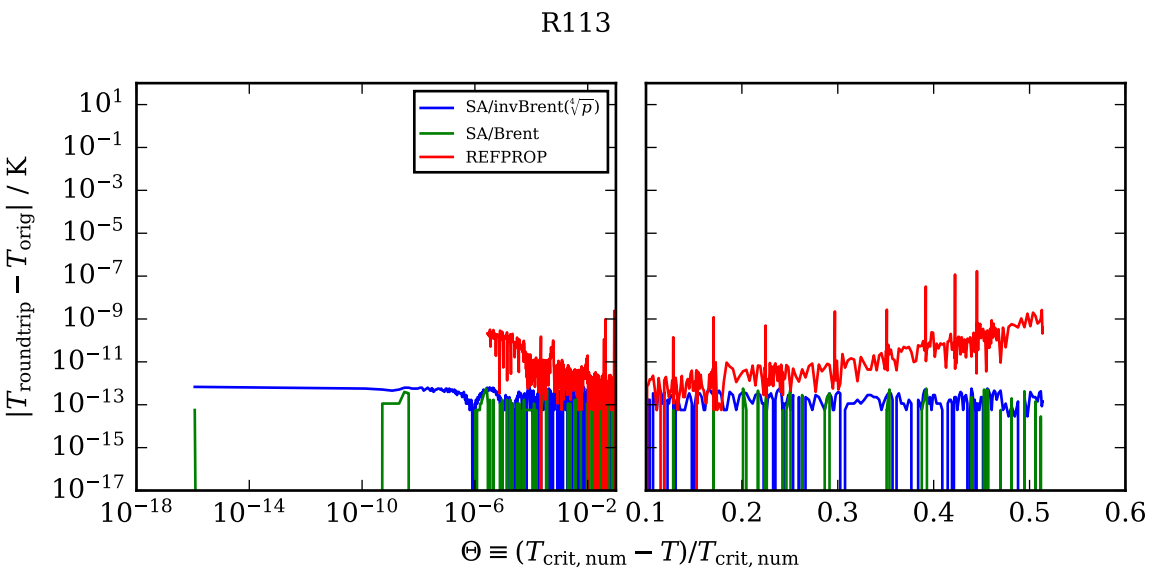

PROPYLENEOXIDE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

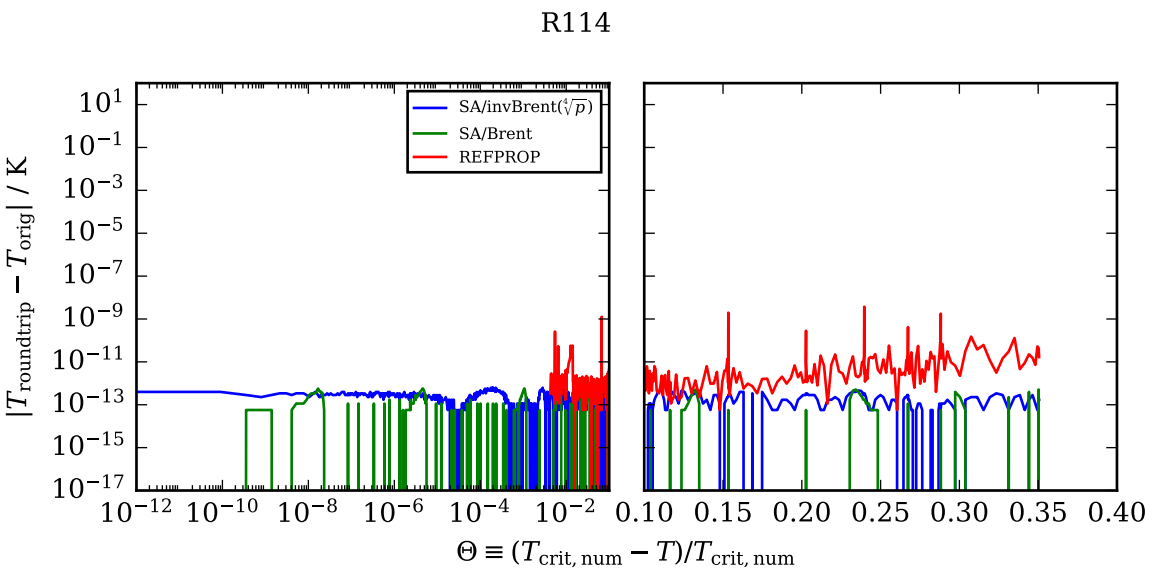

PROPYLEN
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

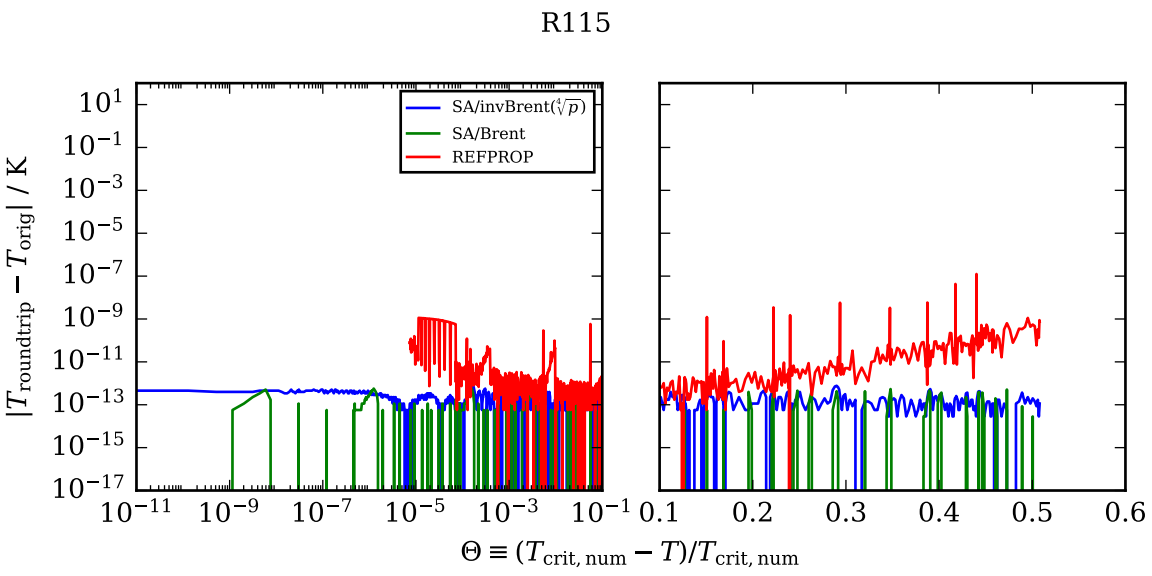

PROPYNE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
0.10
0.15
0.20
0.25
0.30
0.35
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

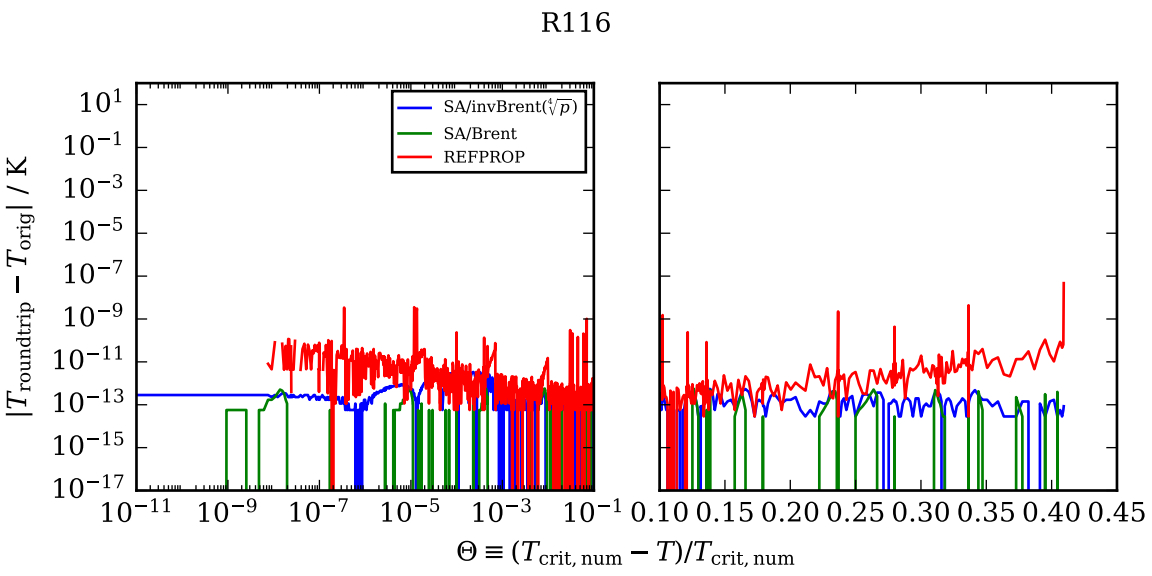

PXYLENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

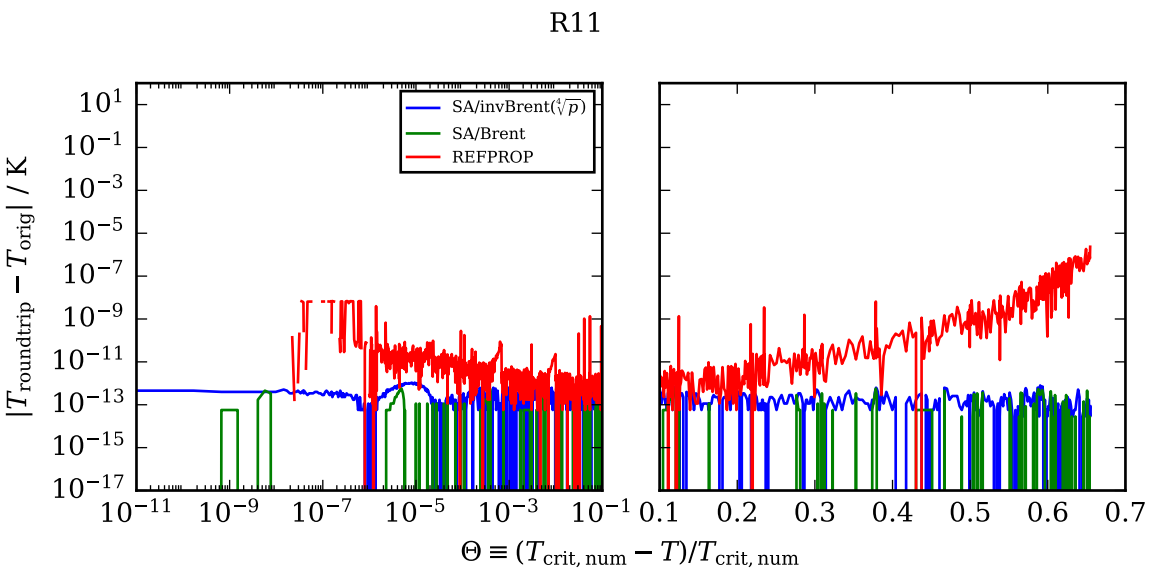

R1123
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

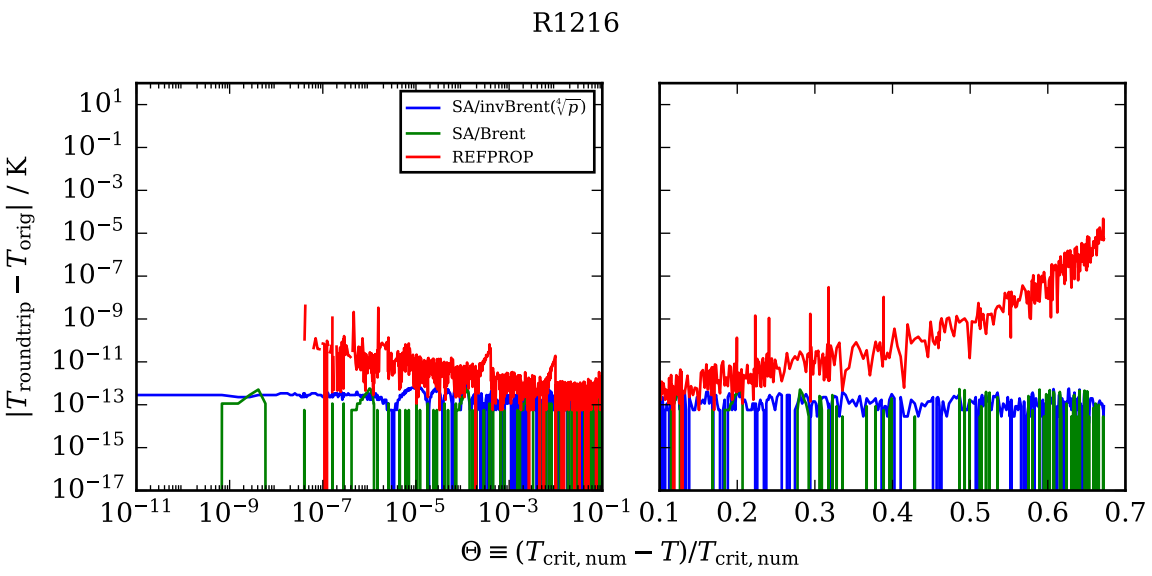

R113
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

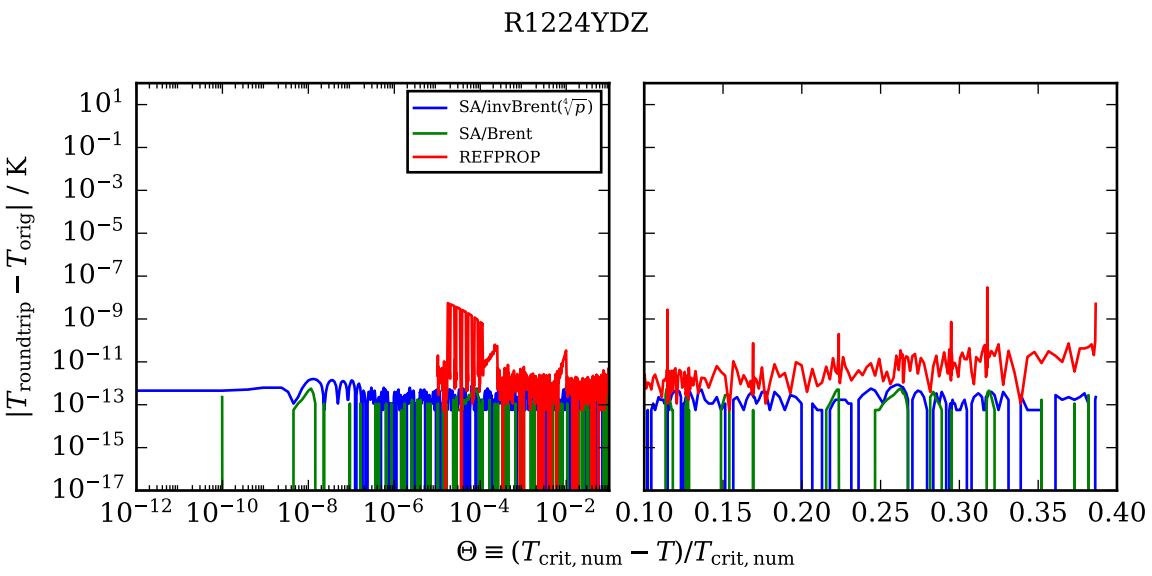

R114
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-12} 10^{-10} 10^{-8} 10^{-6} 10^{-4} 10^{-2}
0.10 0.15 0.20 0.25 0.30 0.35 0.40
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

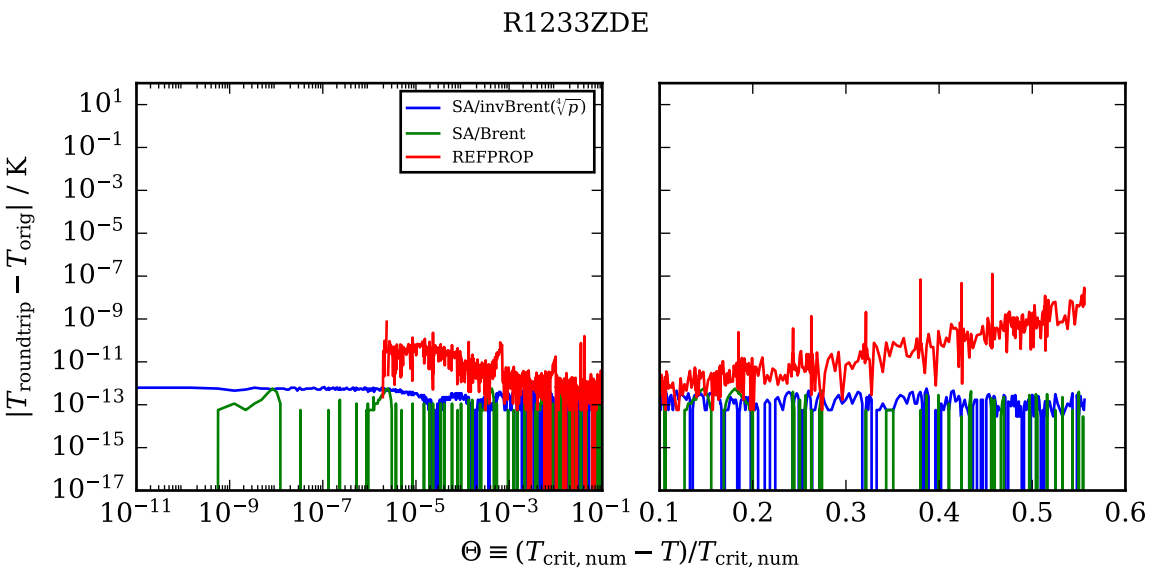

R115
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

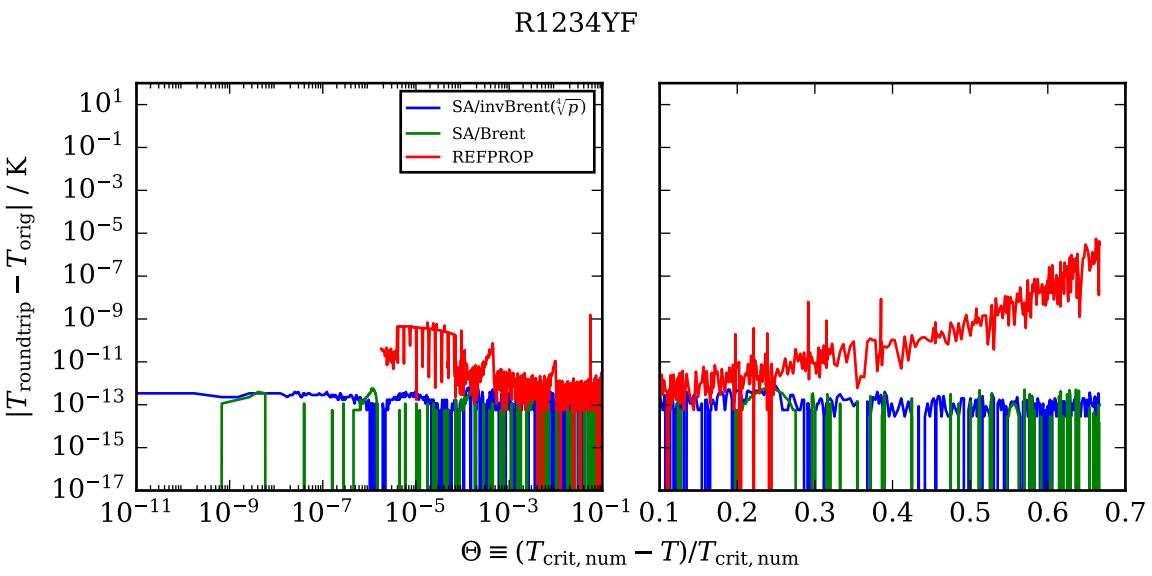

R116
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

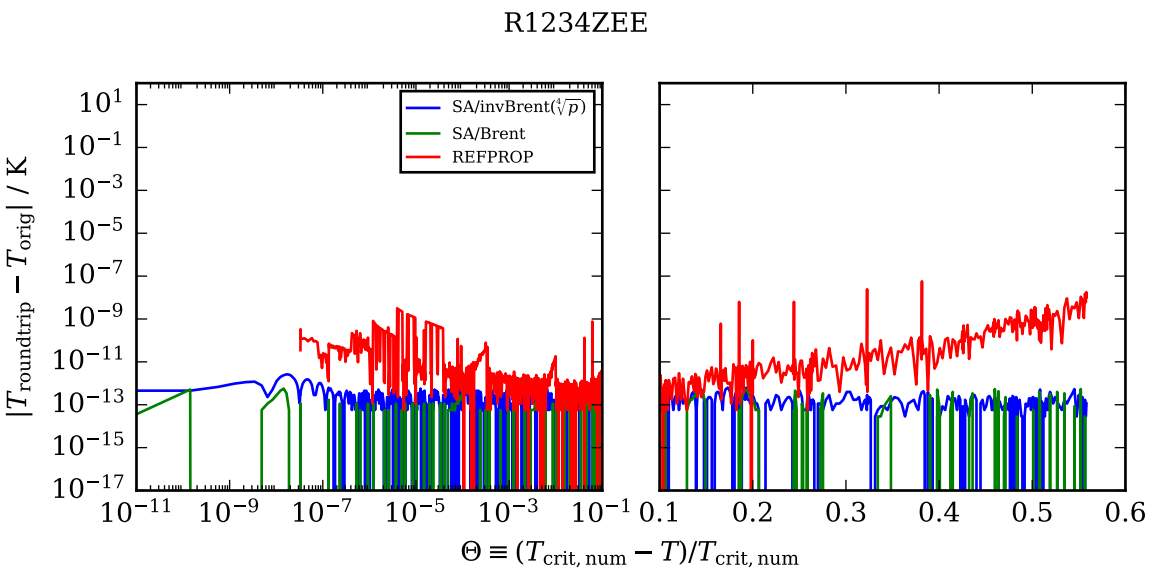

R11
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

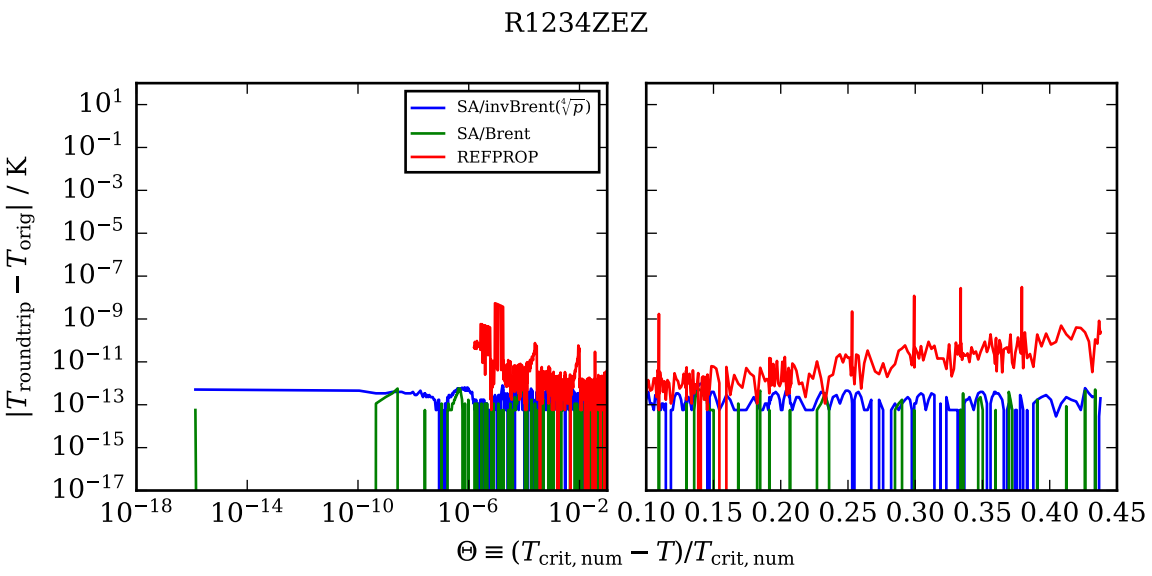

R1216
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

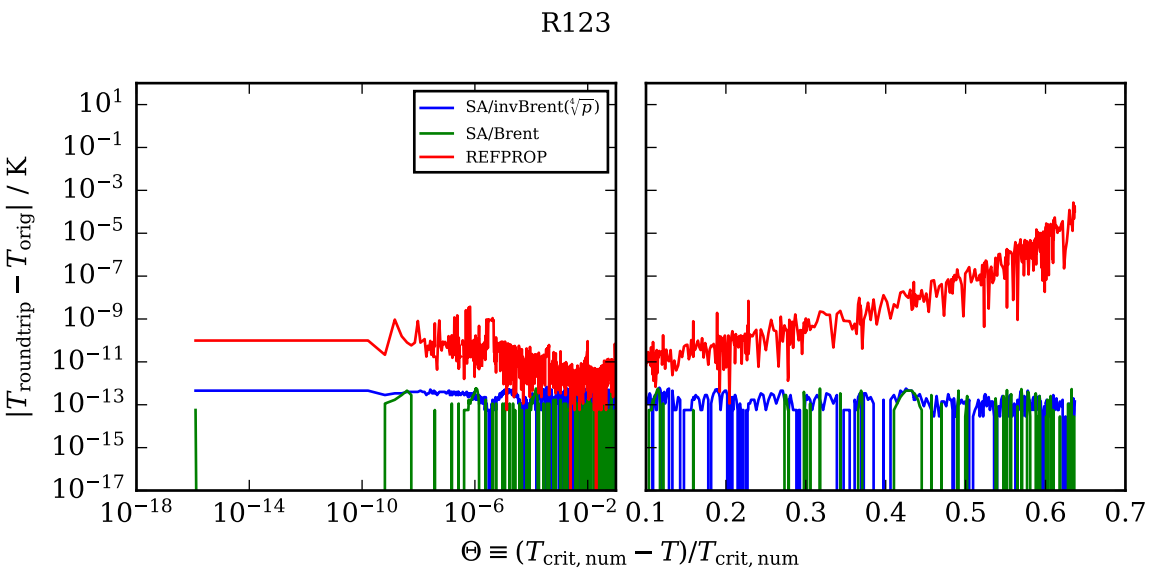

R1224YDZ
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
0.10
0.15
0.20
0.25
0.30
0.35
0.40
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

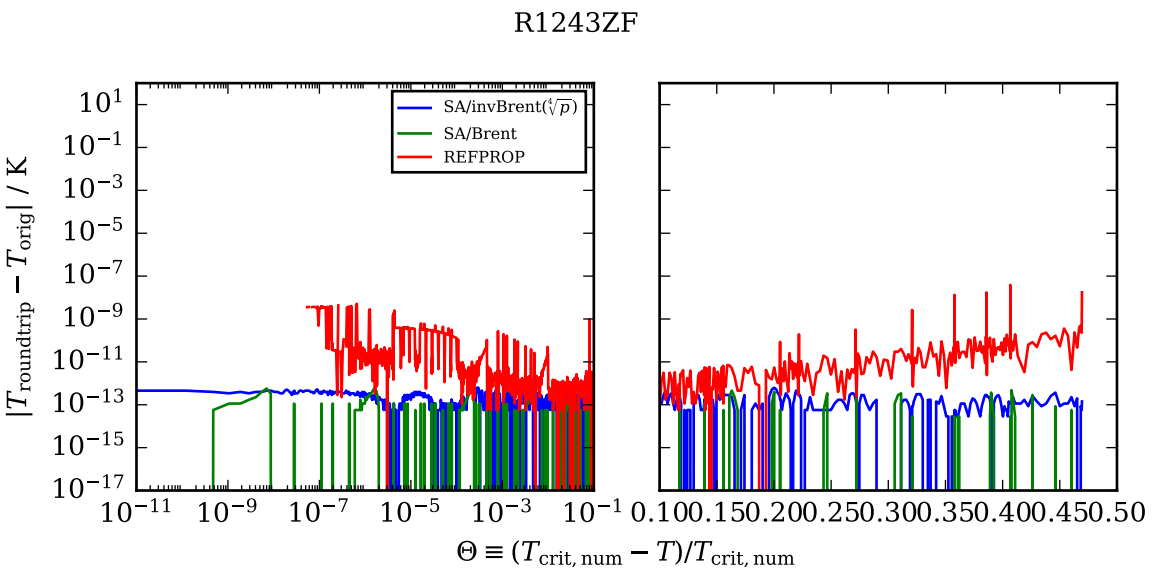

R1233ZDE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

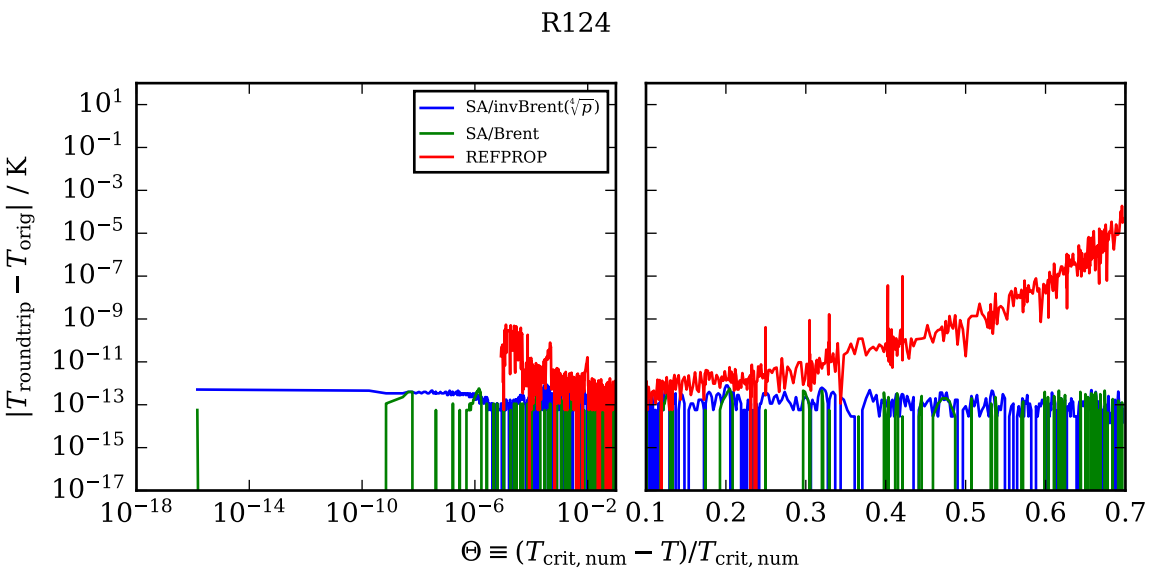

R1234YF
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

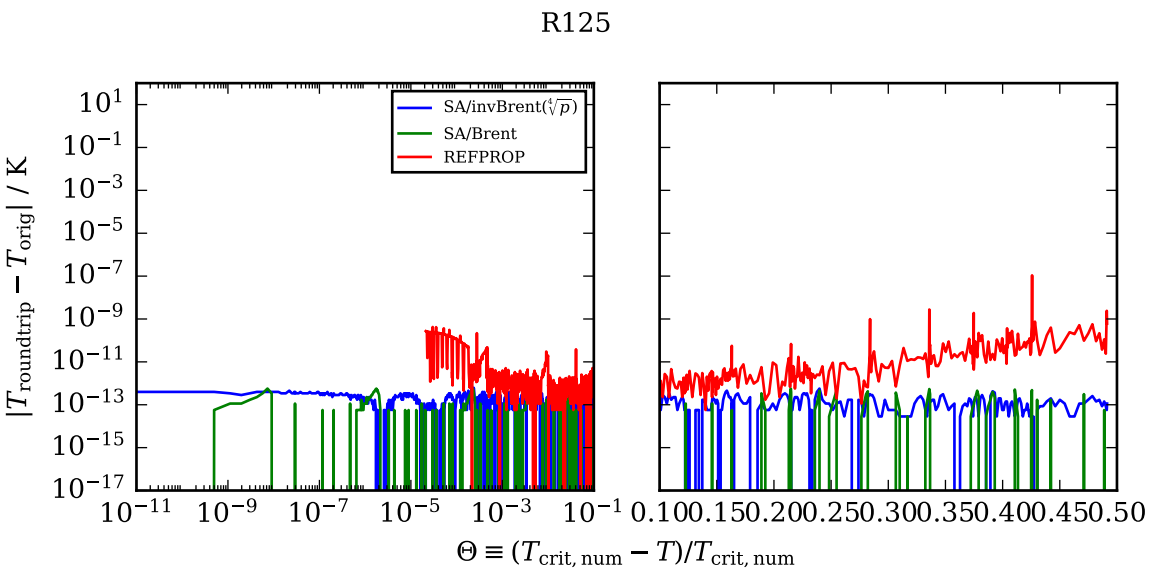

R1234ZEE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

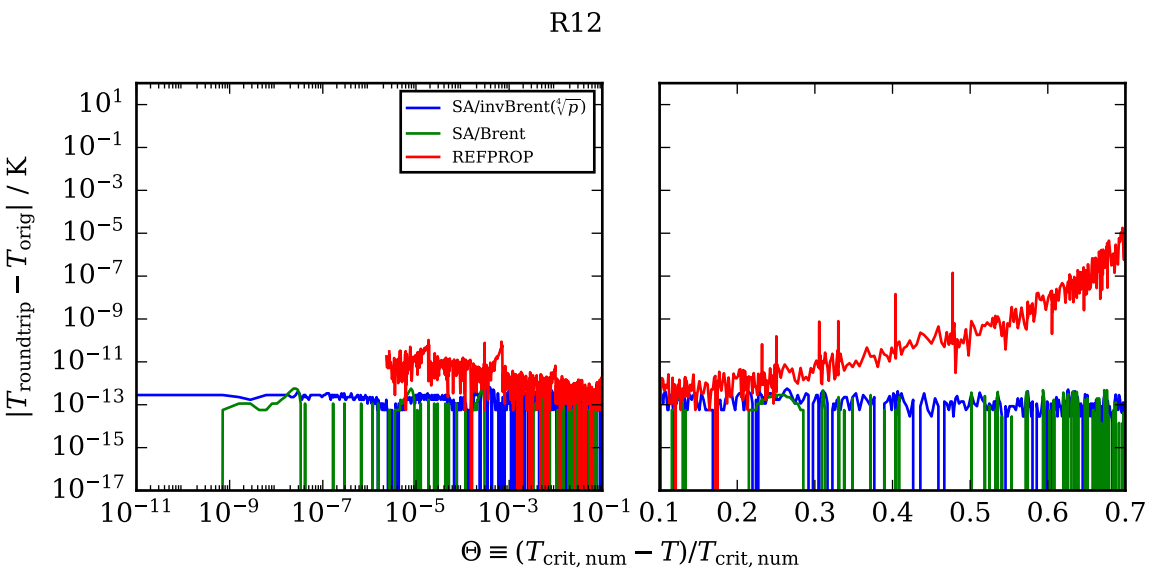

R1234ZEZ
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

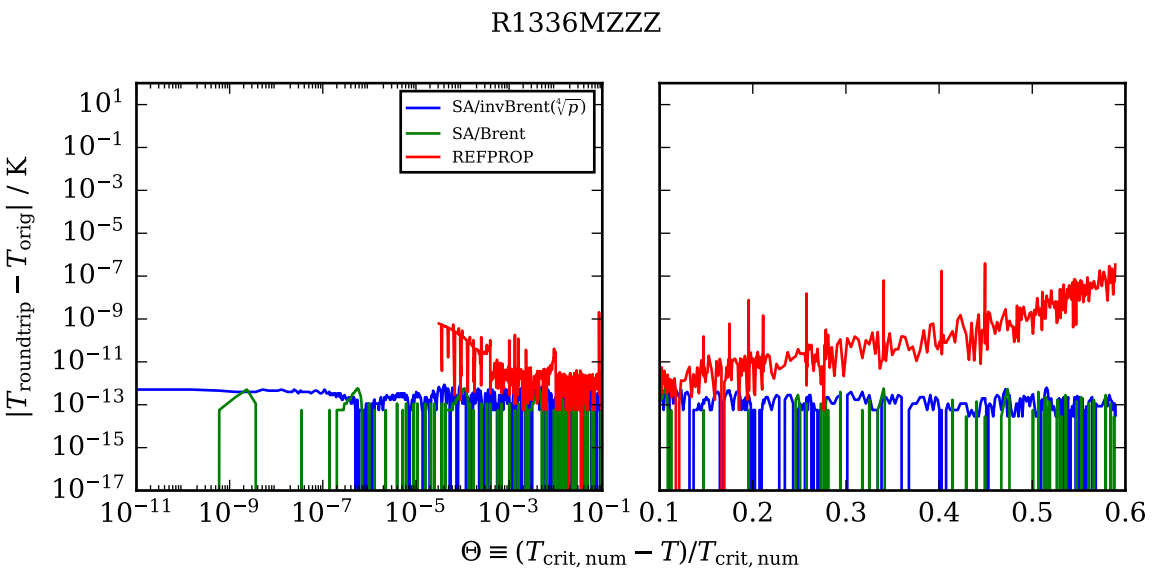

R123
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

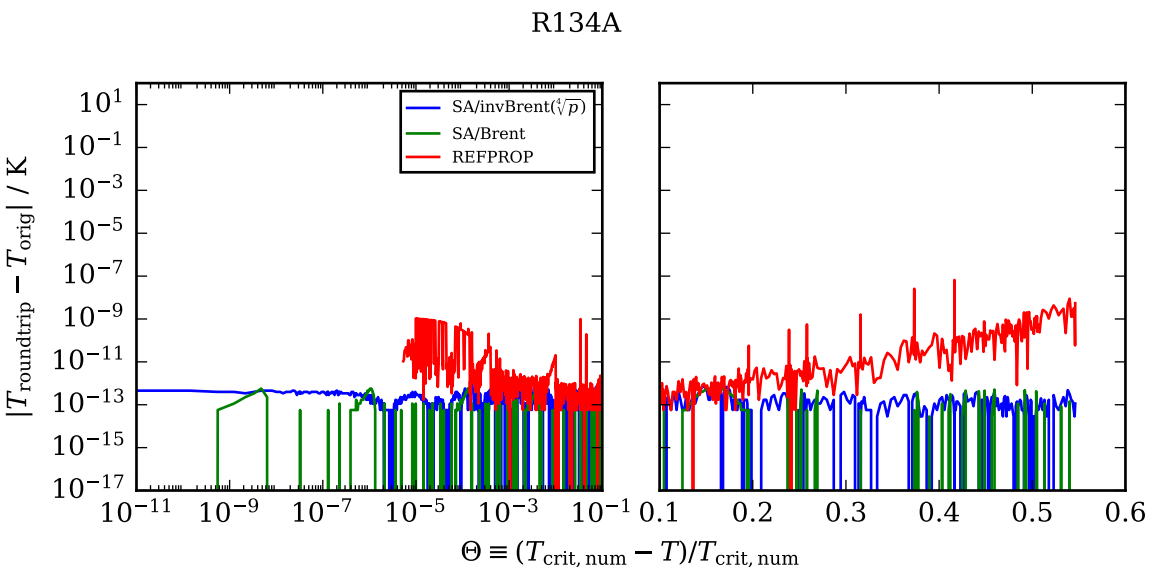

R1243ZF
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

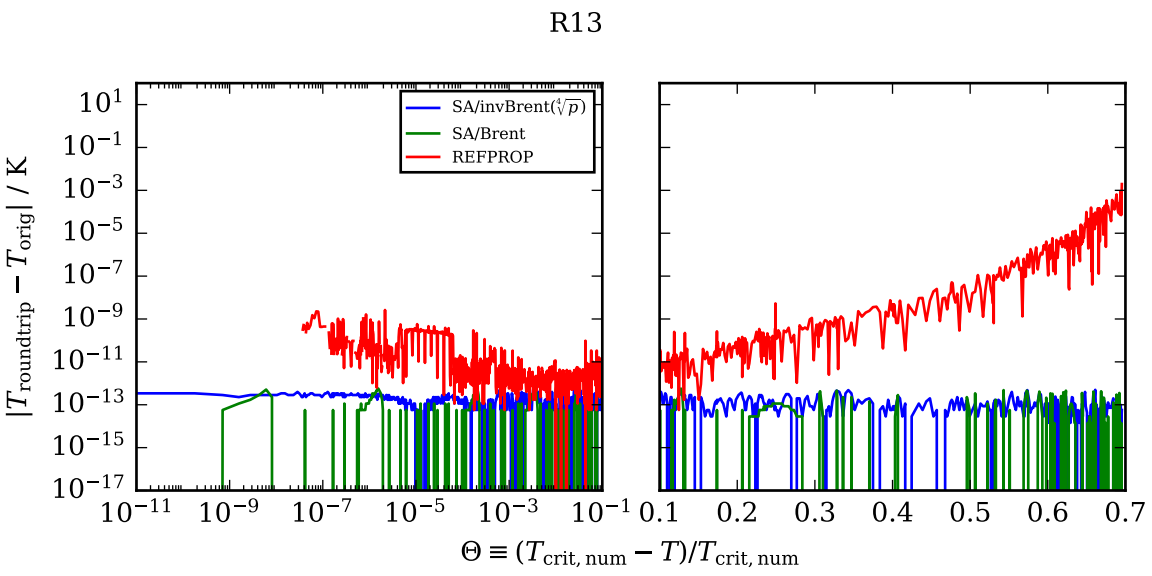

R124
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


R125
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


R12
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


R1336MZZZ
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


R134A
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


R13
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
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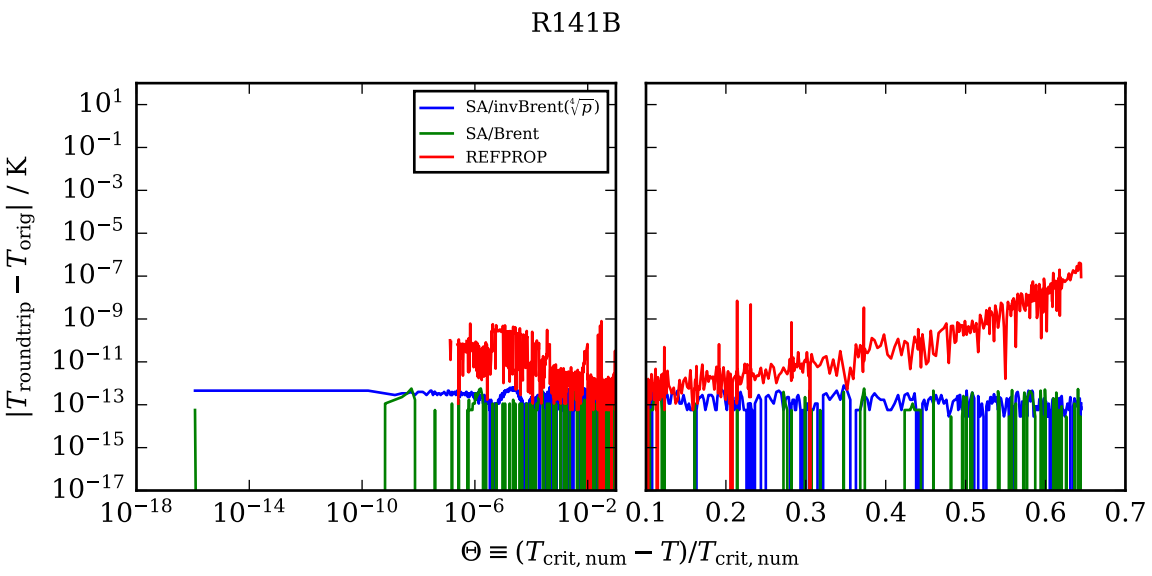
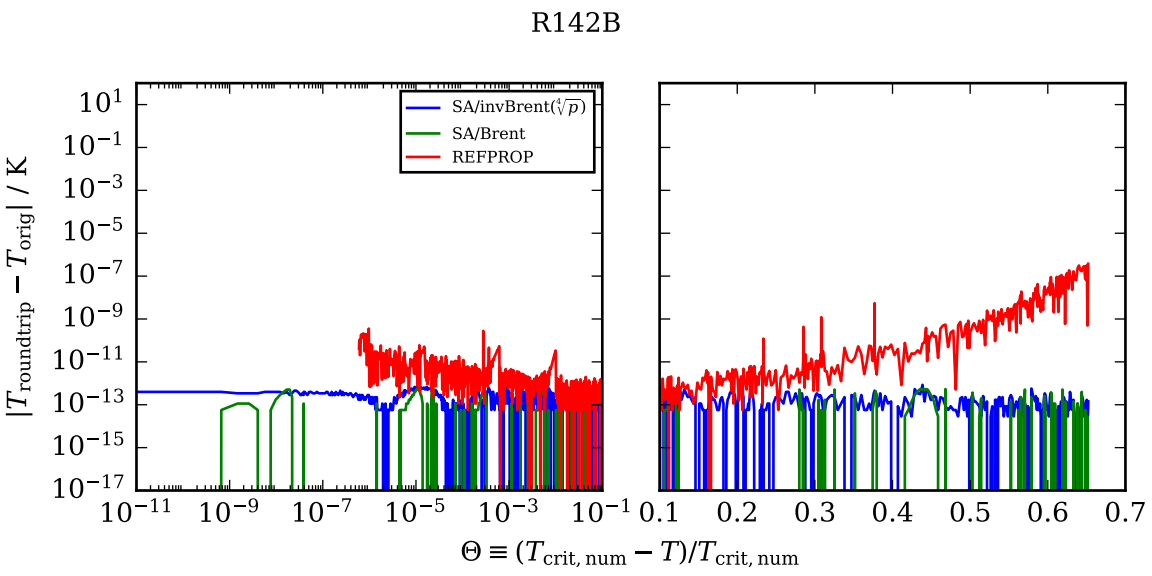
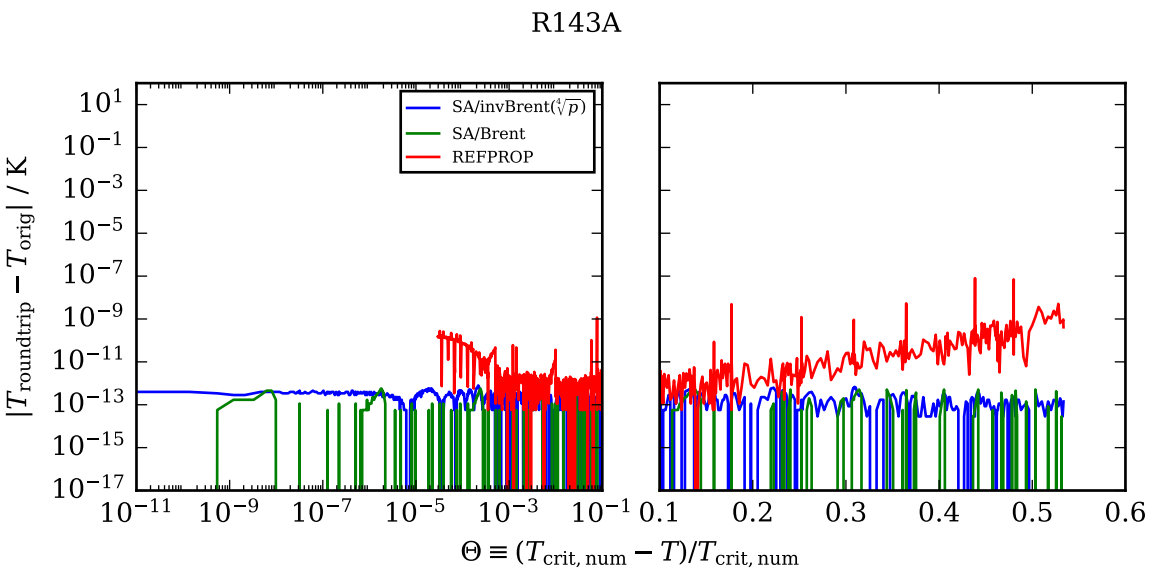
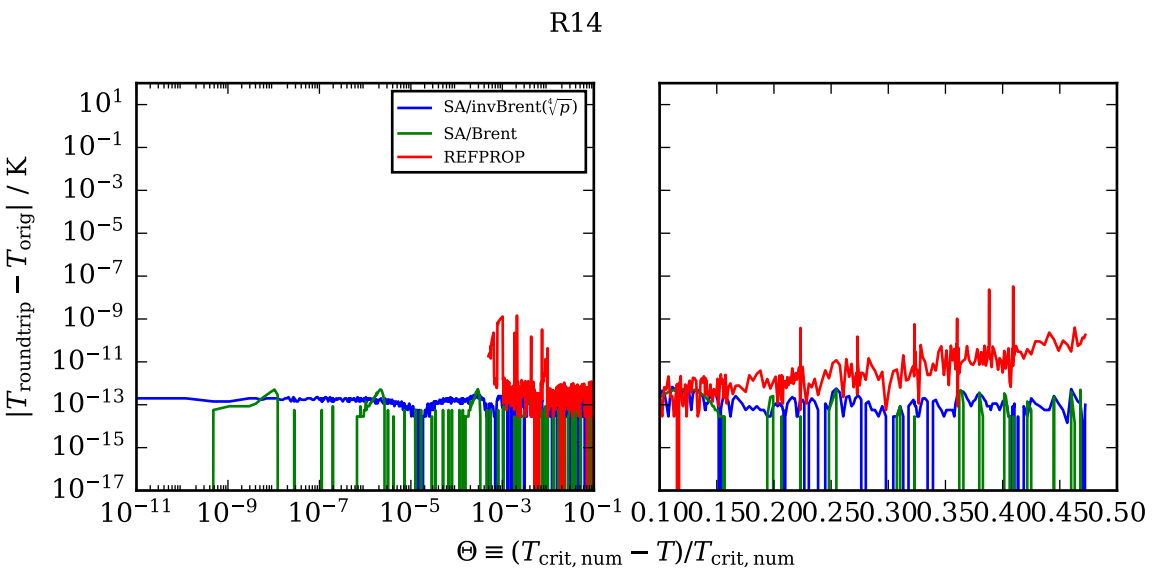
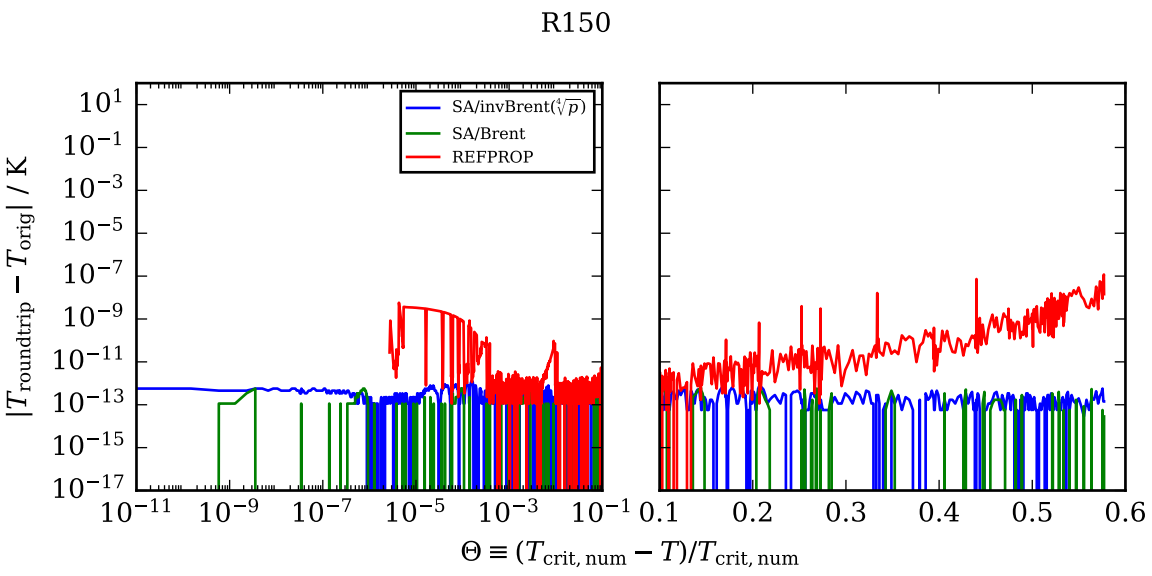
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

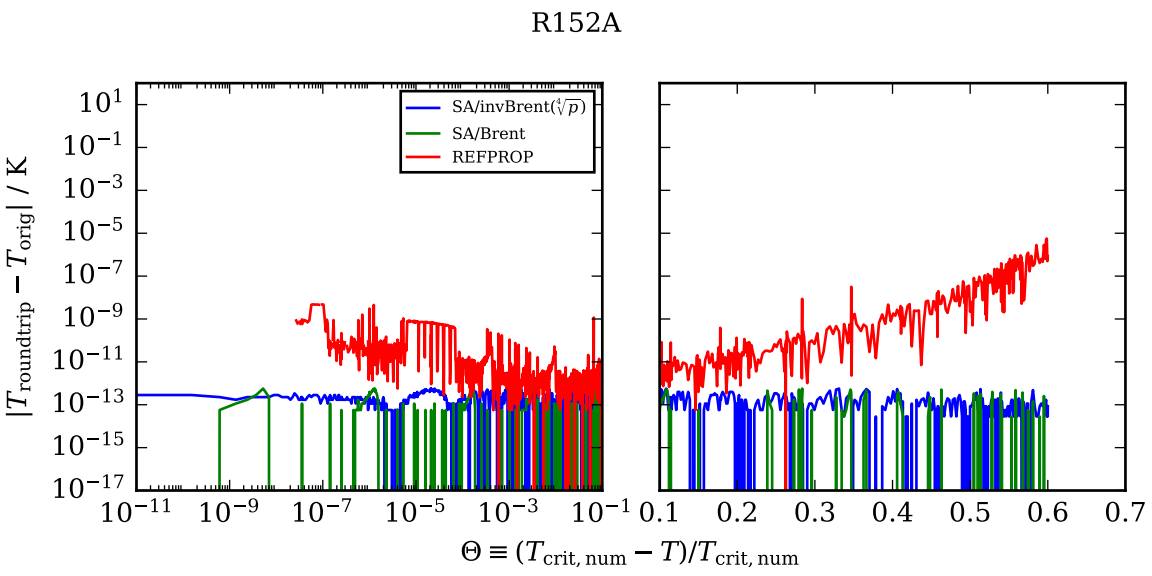

R141B
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


R142B
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

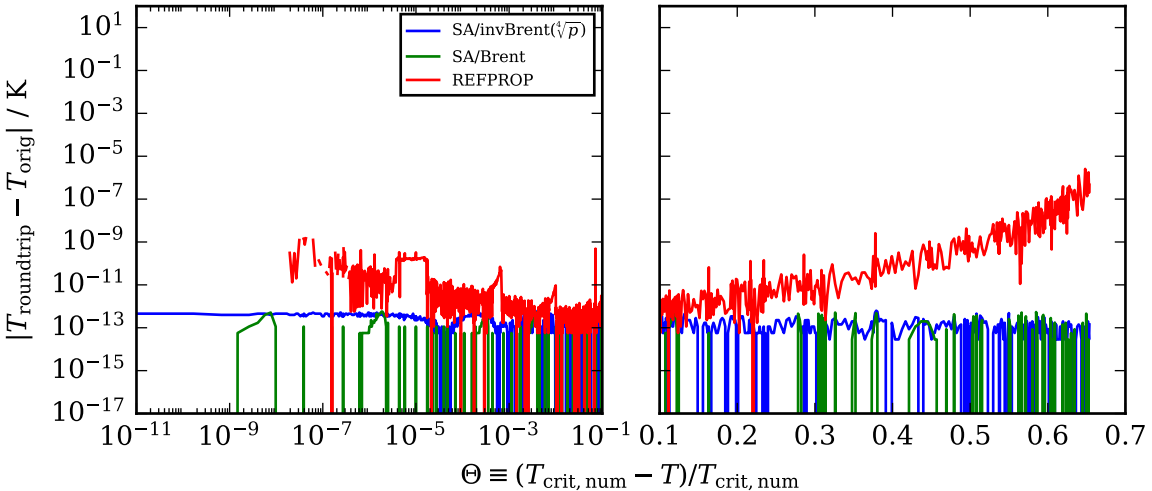

R143A
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

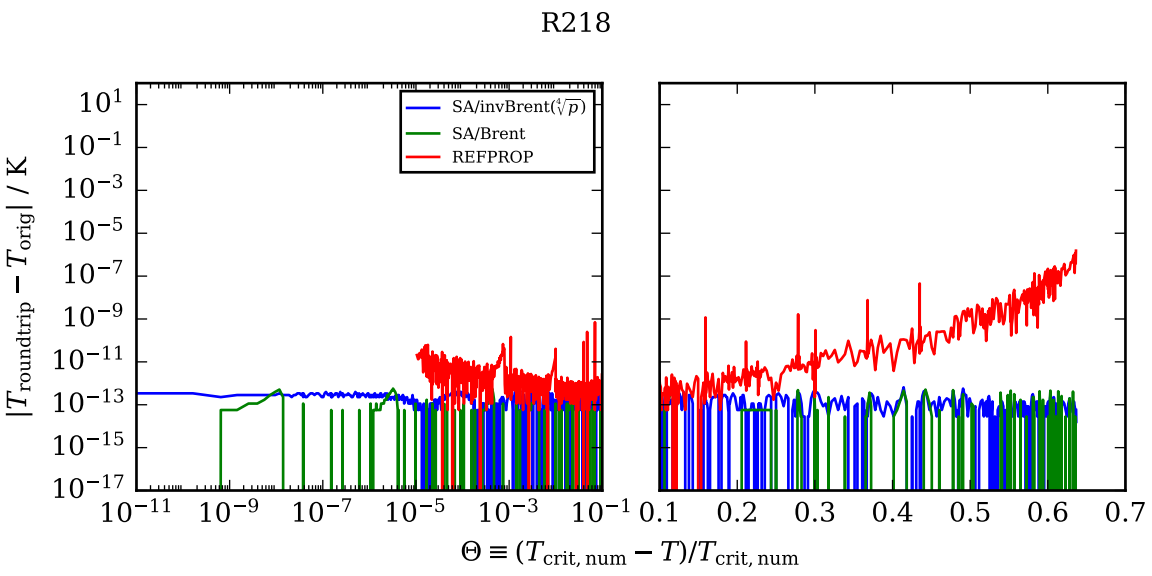

R14
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

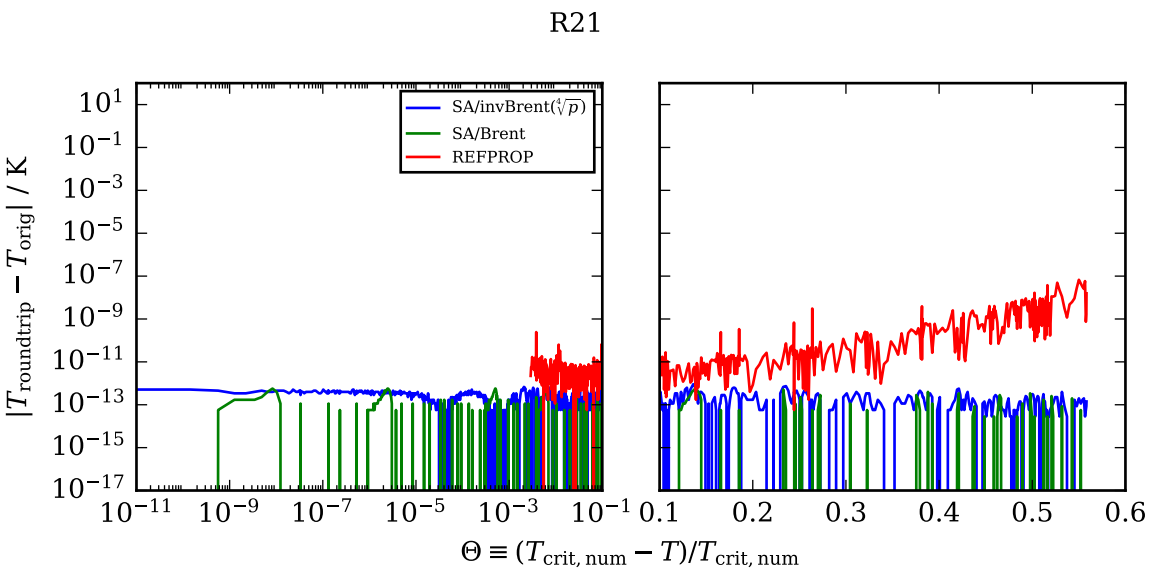

R150
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

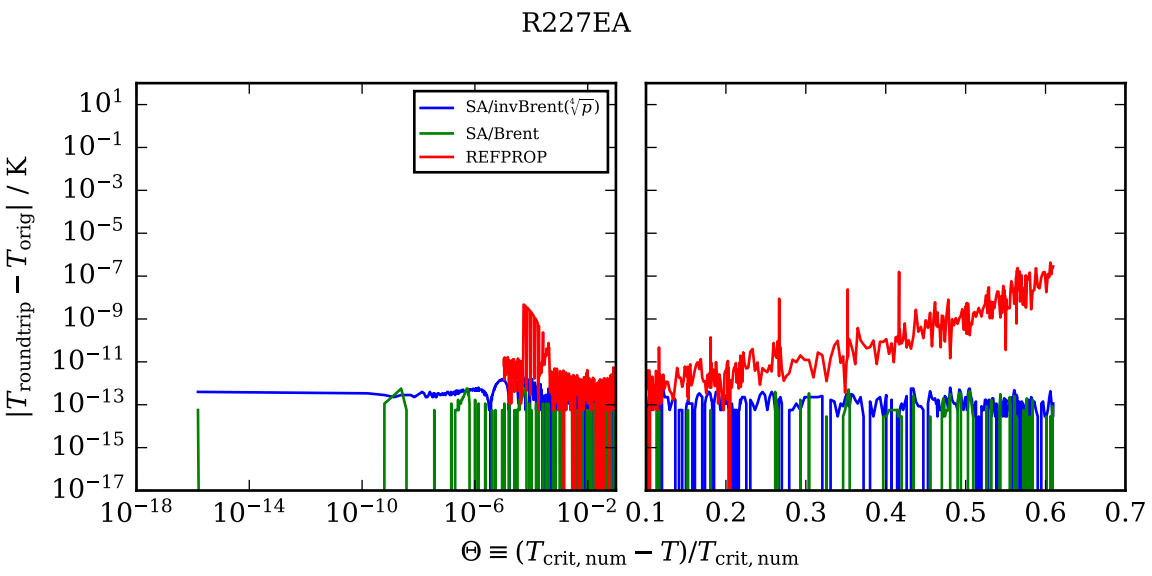

R152A
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

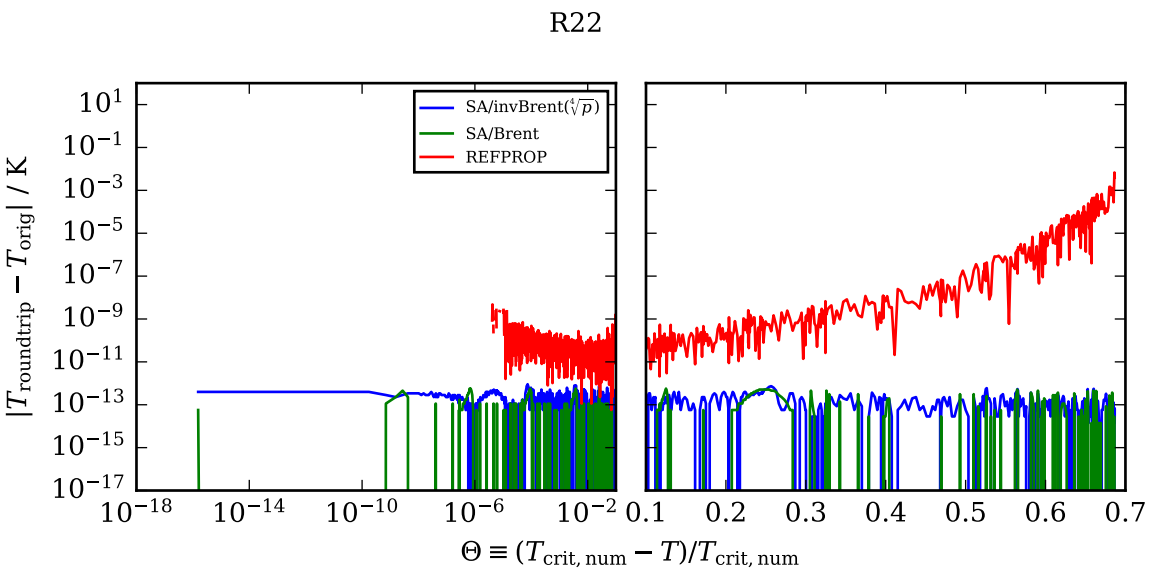
R161

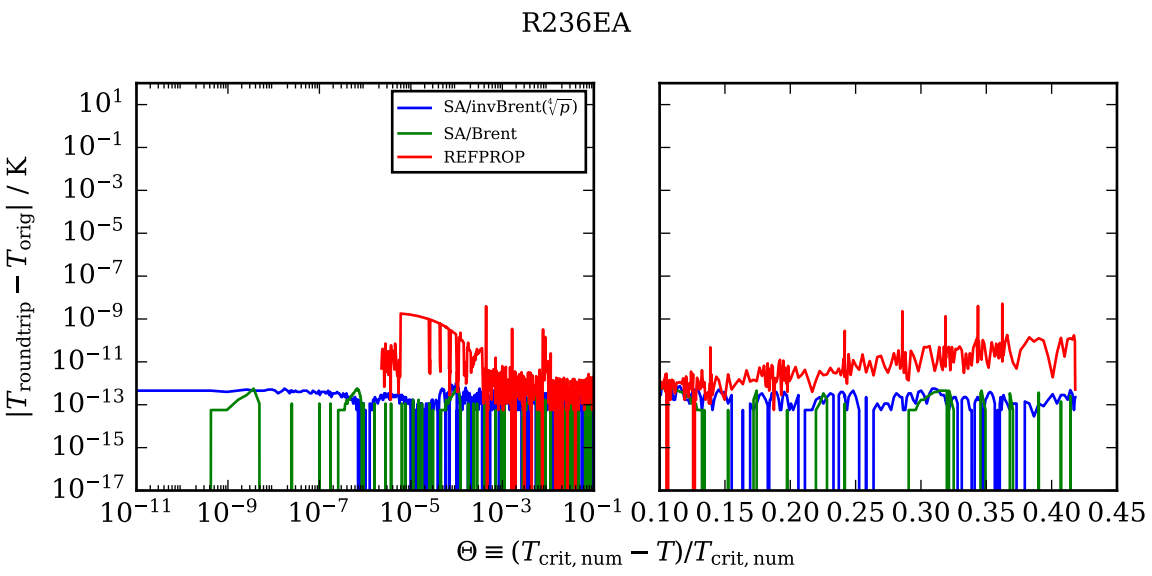

SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

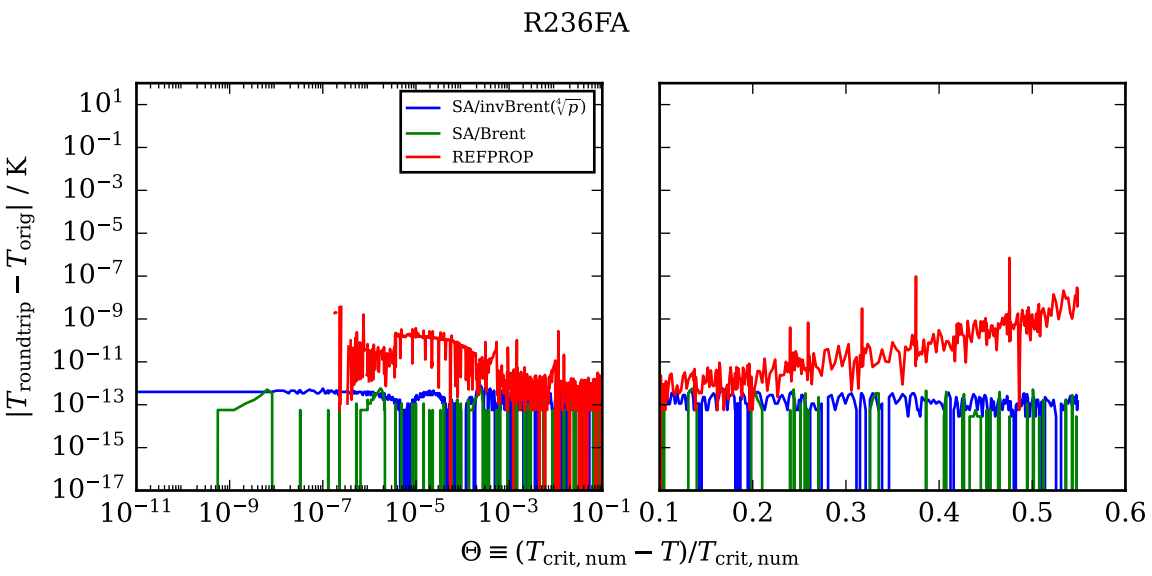

R218
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

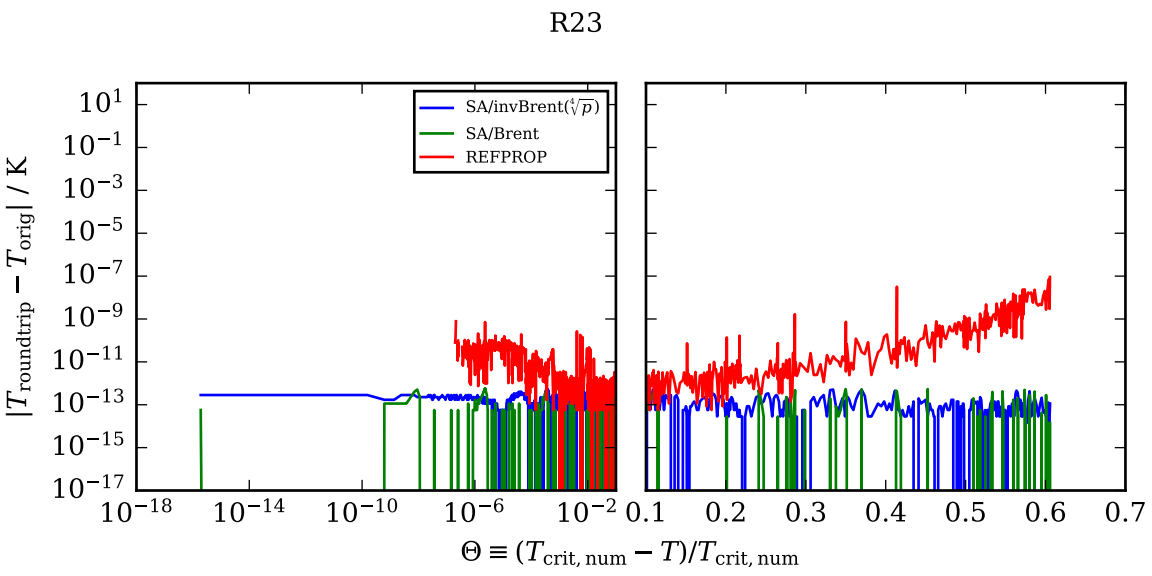

R21
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

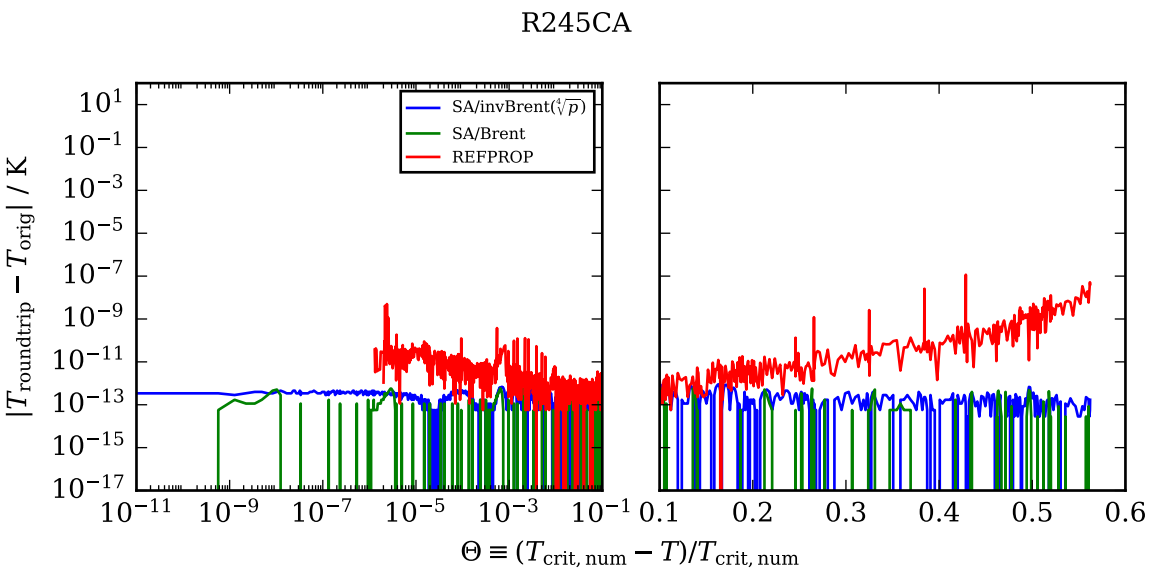

R227EA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

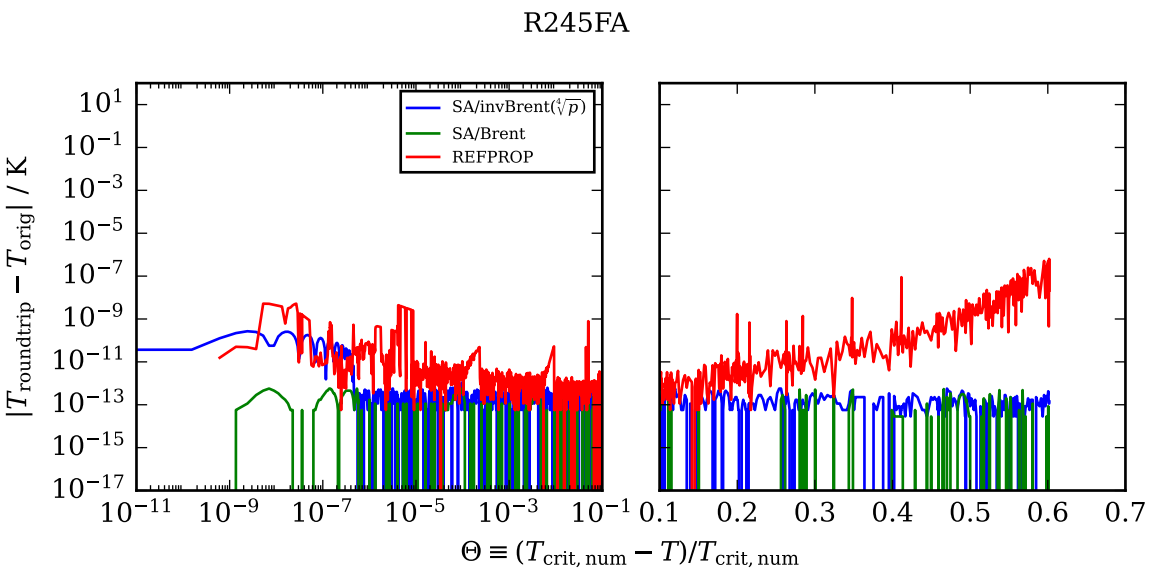

R22
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

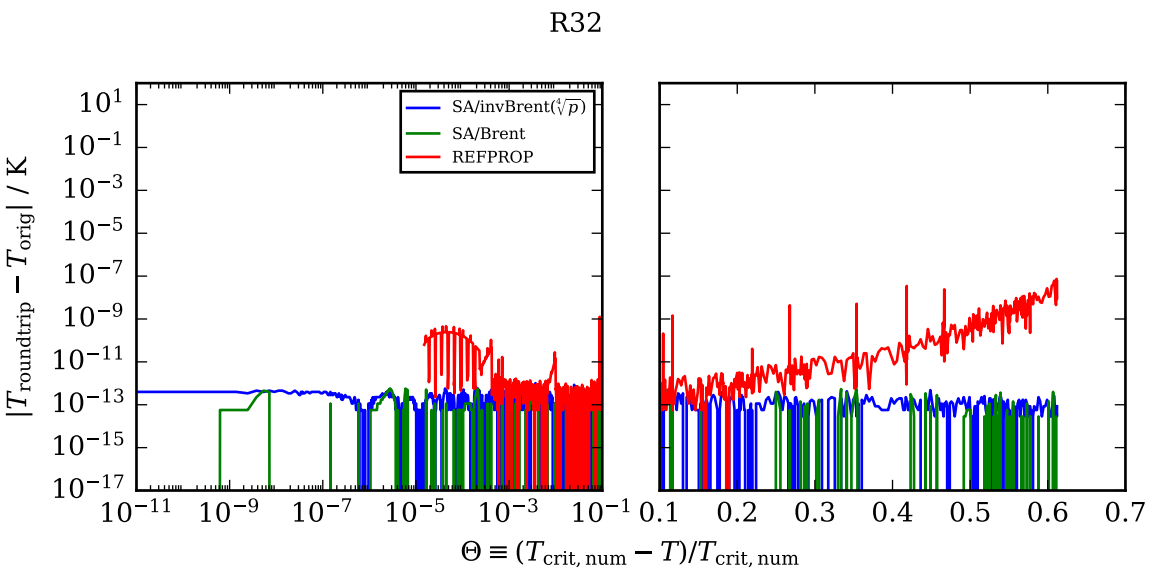

R236EA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

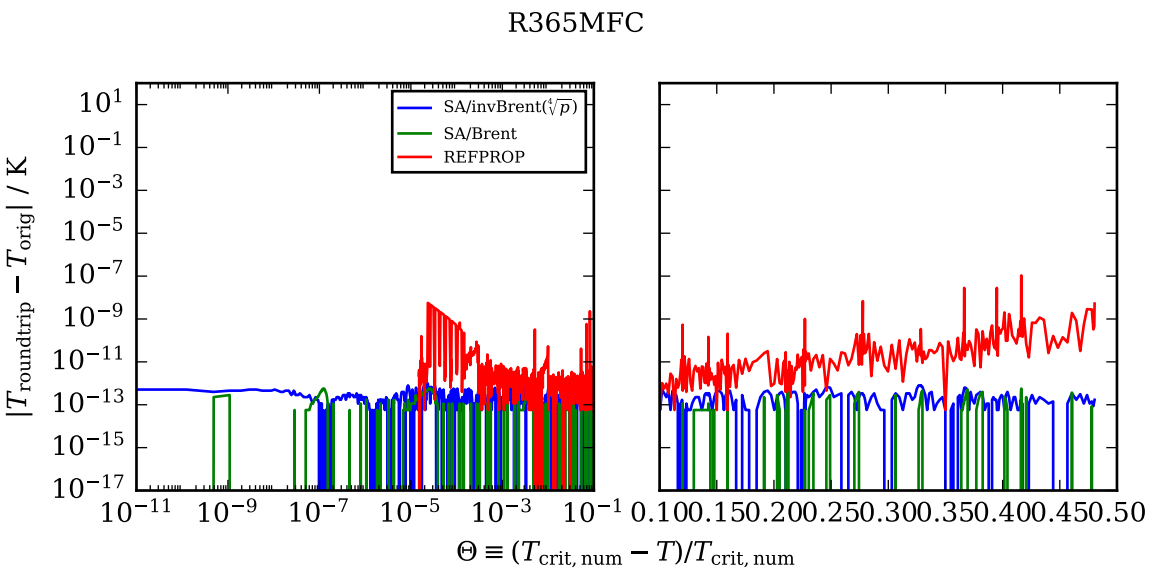

R236FA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

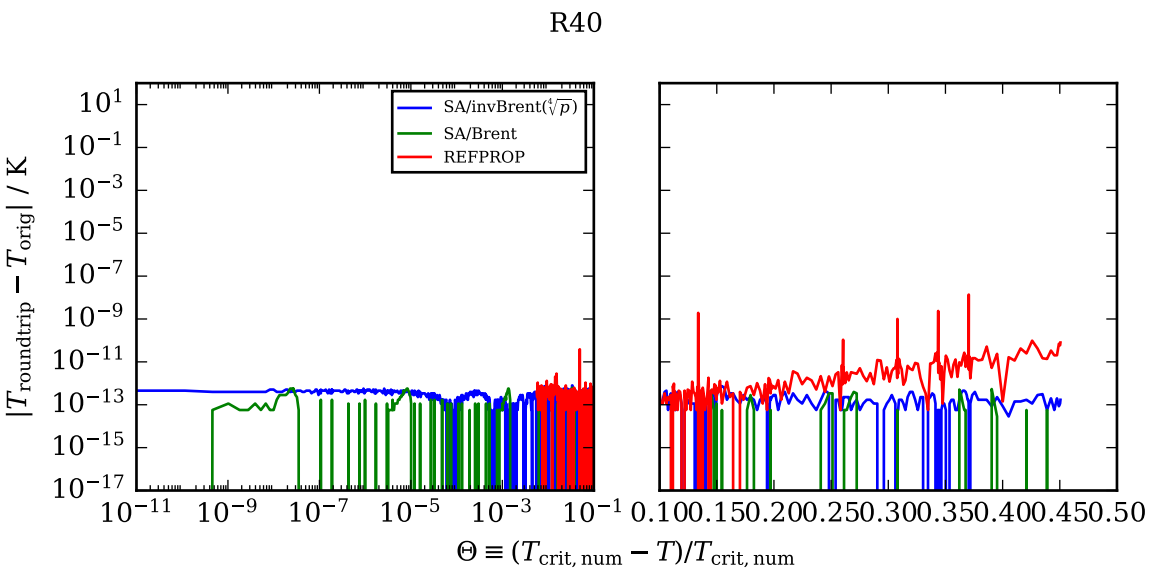

R23
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

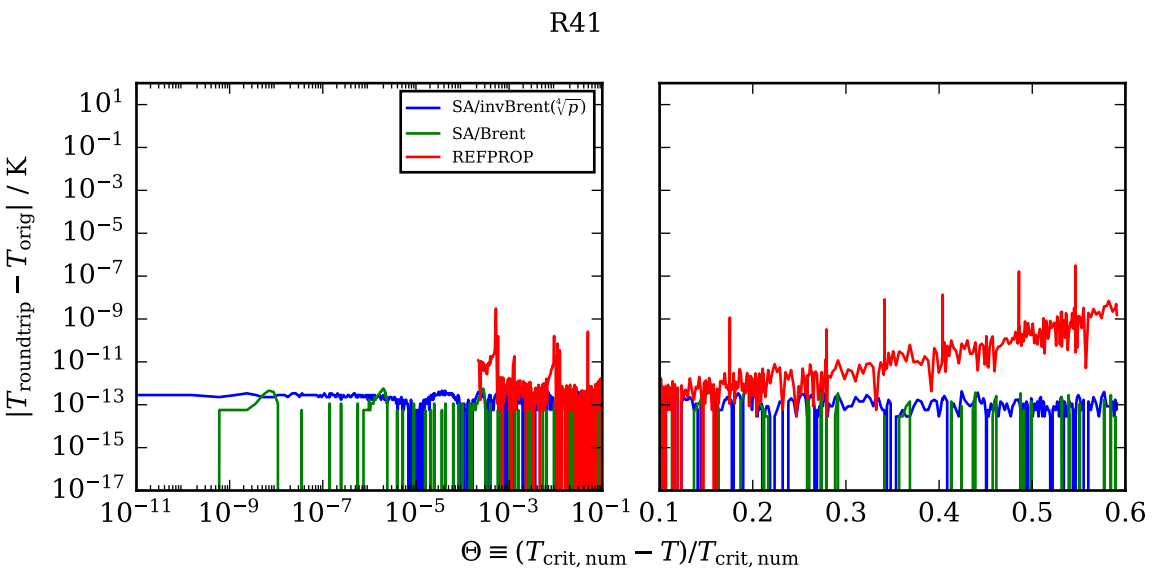

R245CA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

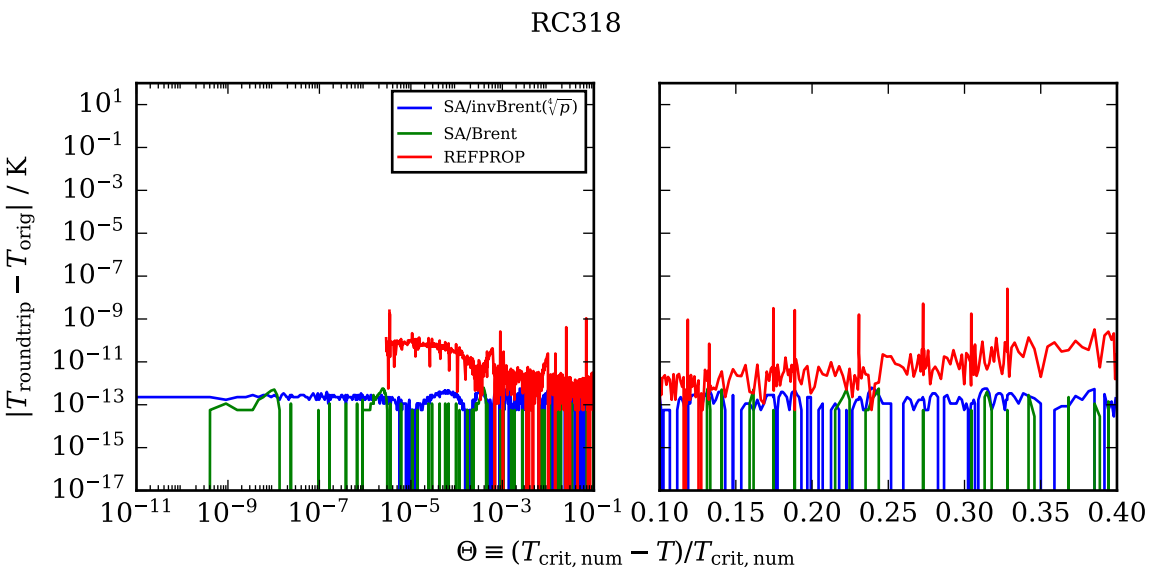

R245FA
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

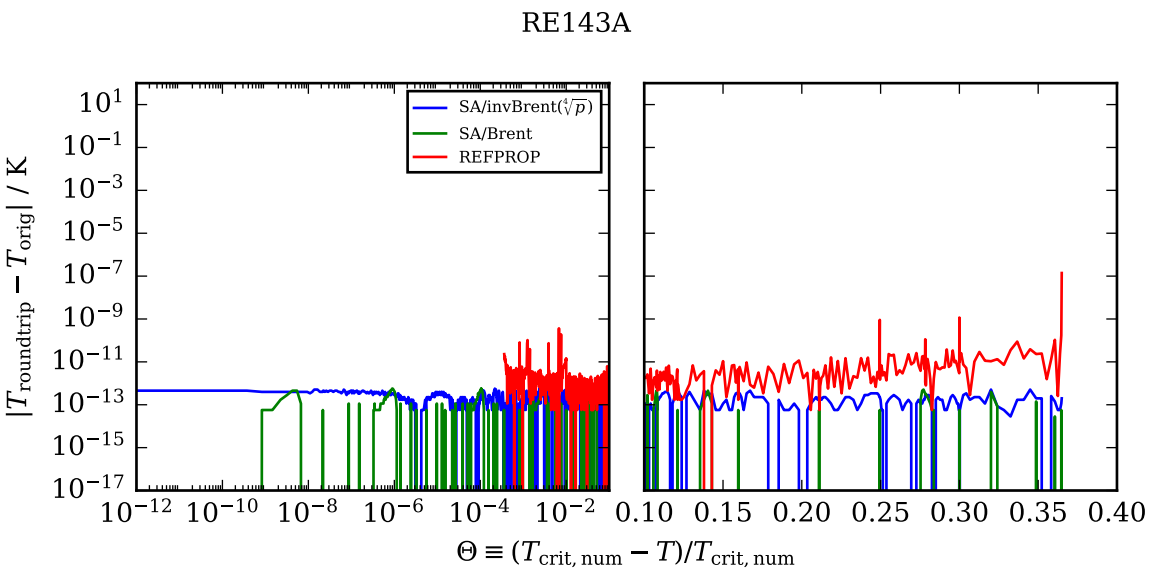

R32
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

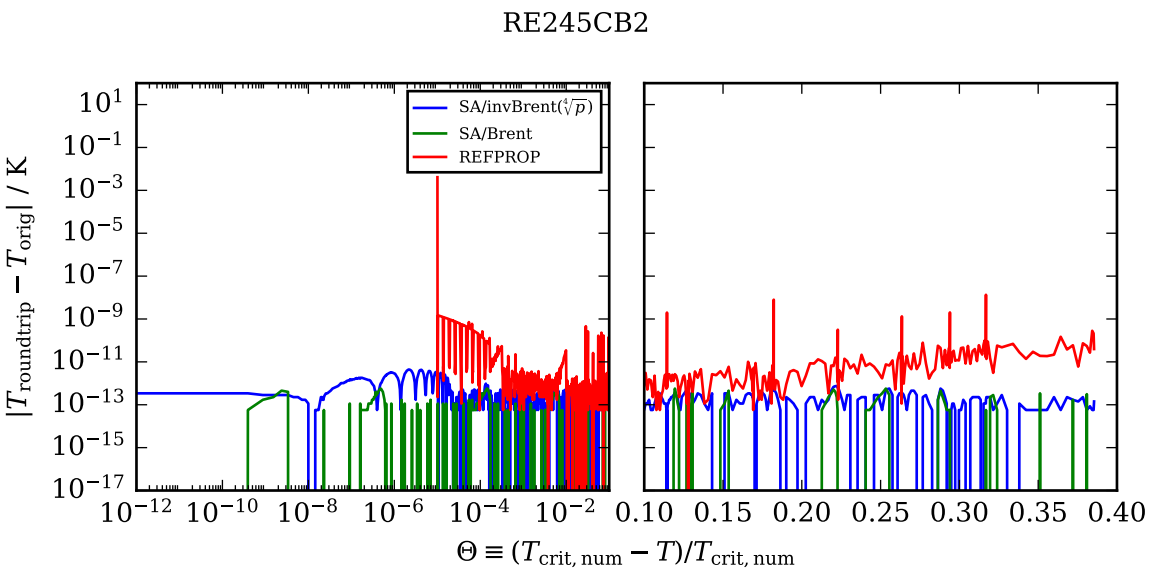

R365MFC
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

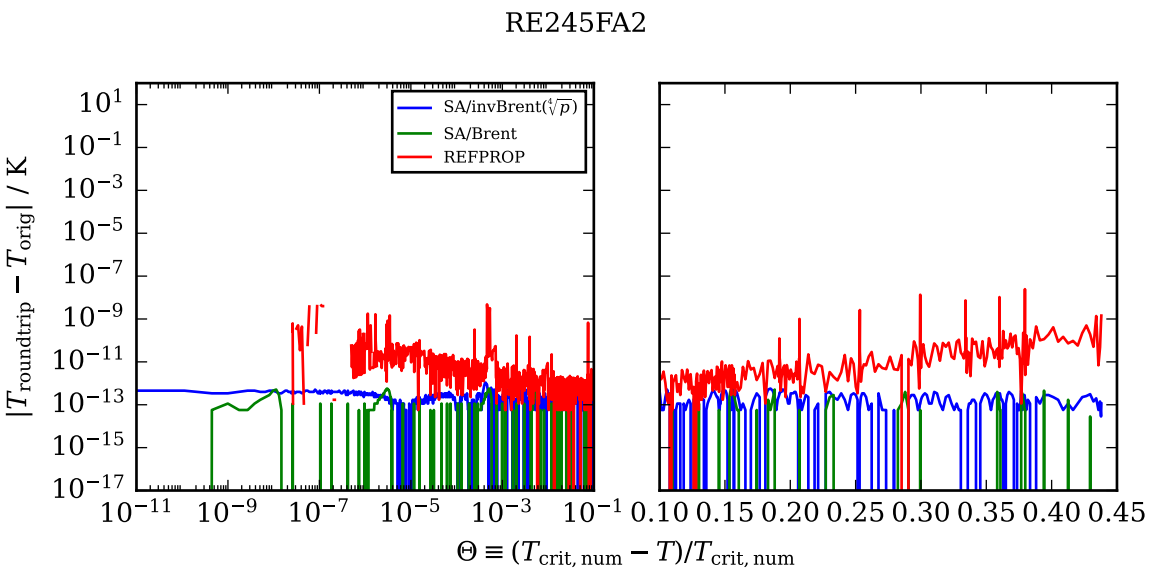

R40
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

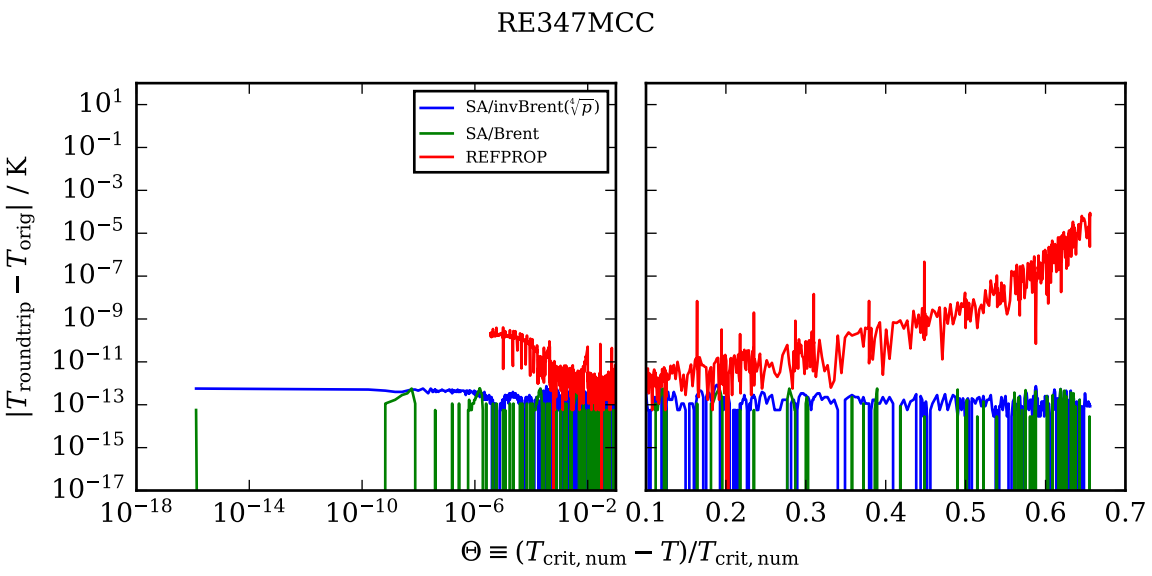

R41
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

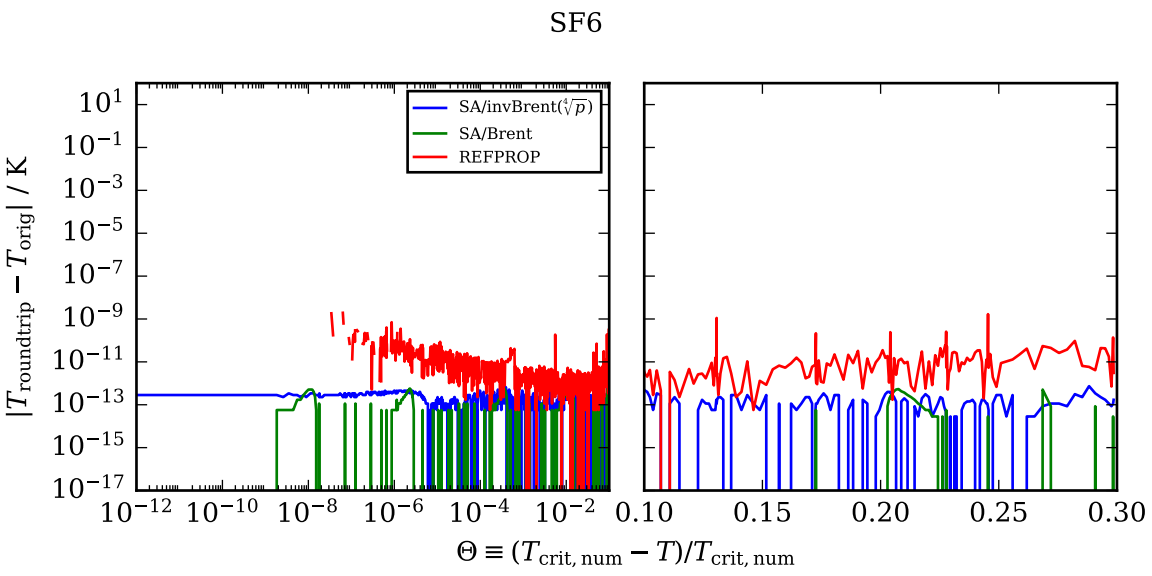

RC318
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

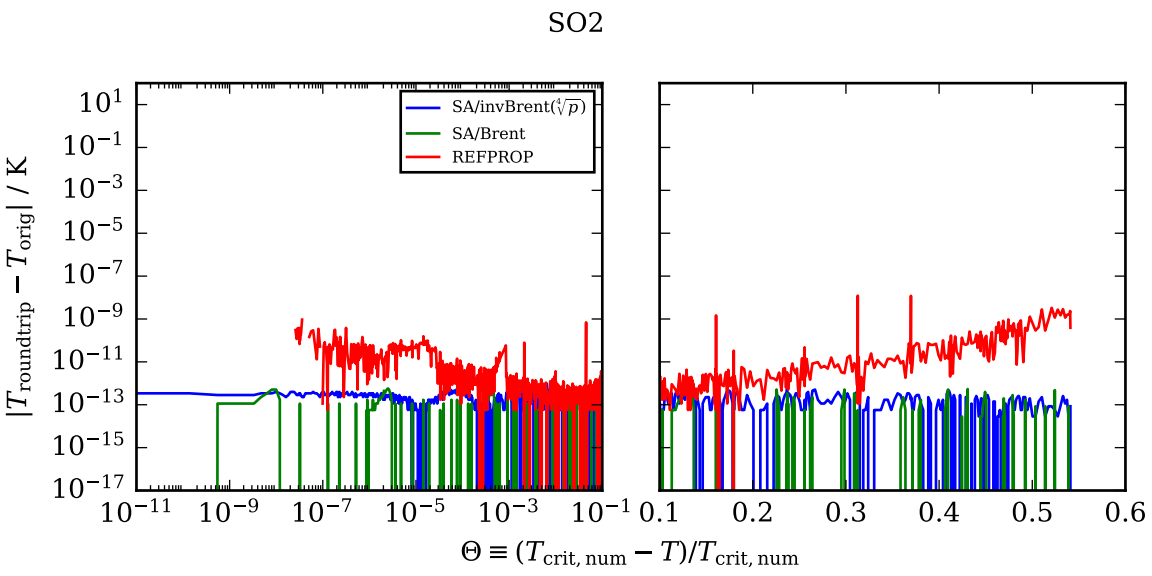

RE143A
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-12} 10^{-10} 10^{-8} 10^{-6} 10^{-4} 10^{-2}
0.10 0.15 0.20 0.25 0.30 0.35 0.40
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

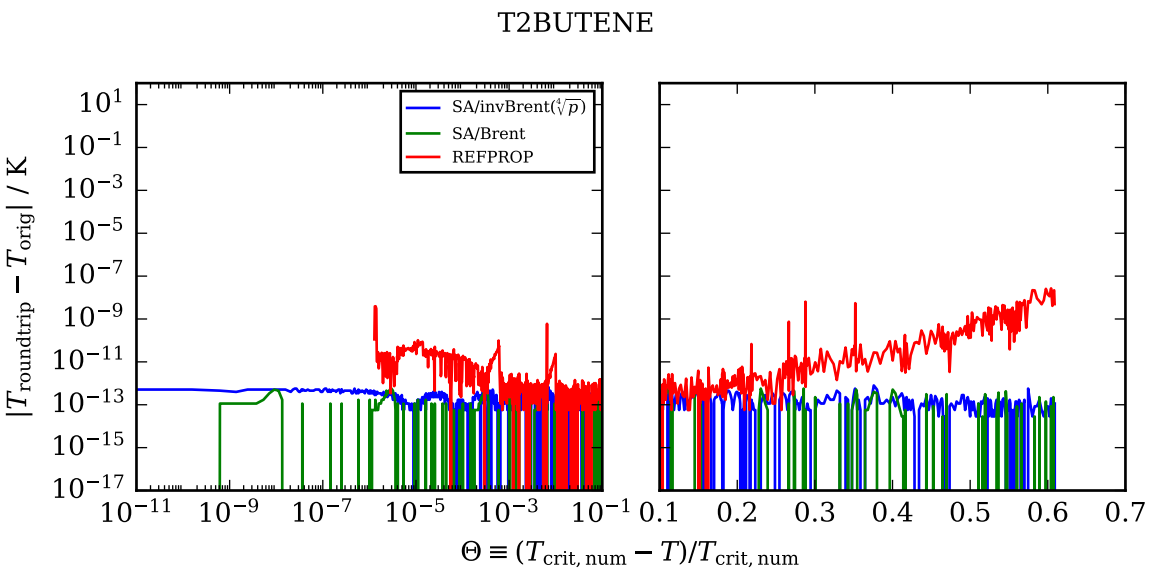

RE245CB2
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-12} 10^{-10} 10^{-8} 10^{-6} 10^{-4} 10^{-2}
0.10 0.15 0.20 0.25 0.30 0.35 0.40
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

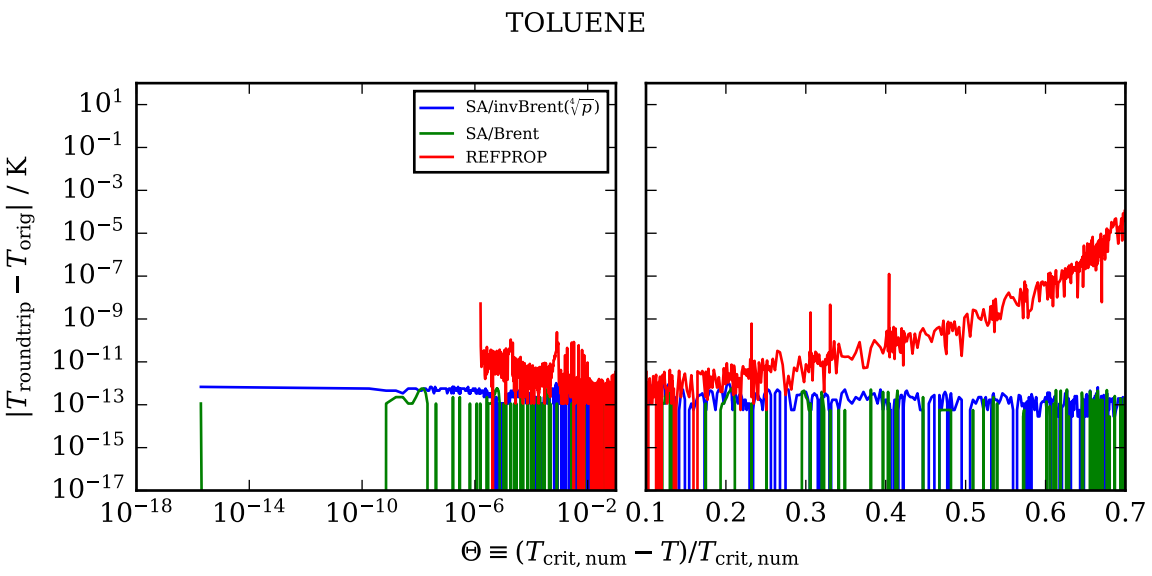

RE245FA2
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

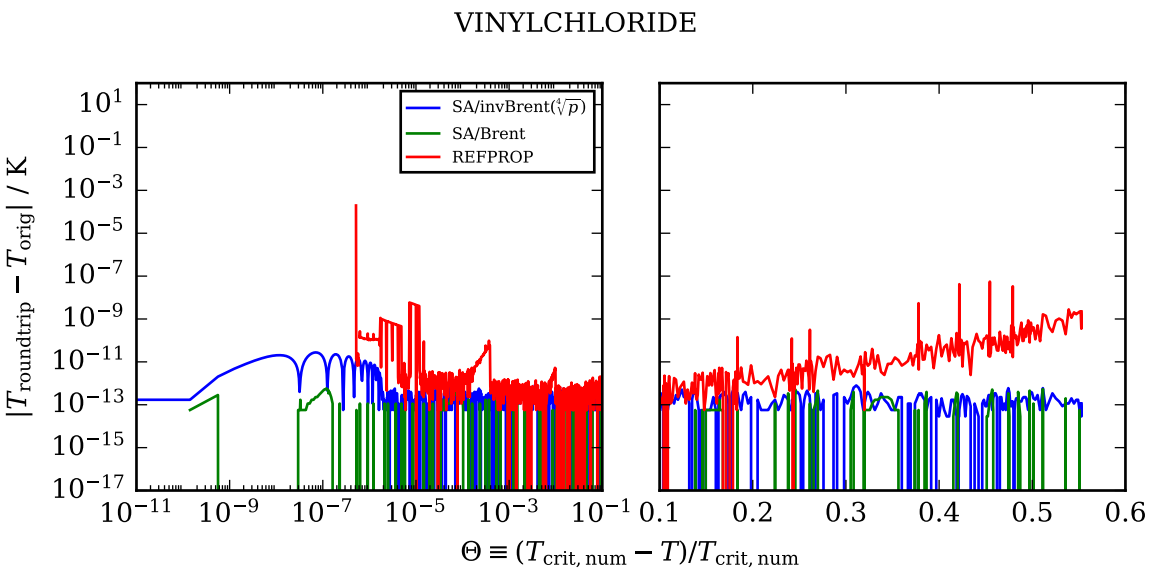

RE347MCC
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

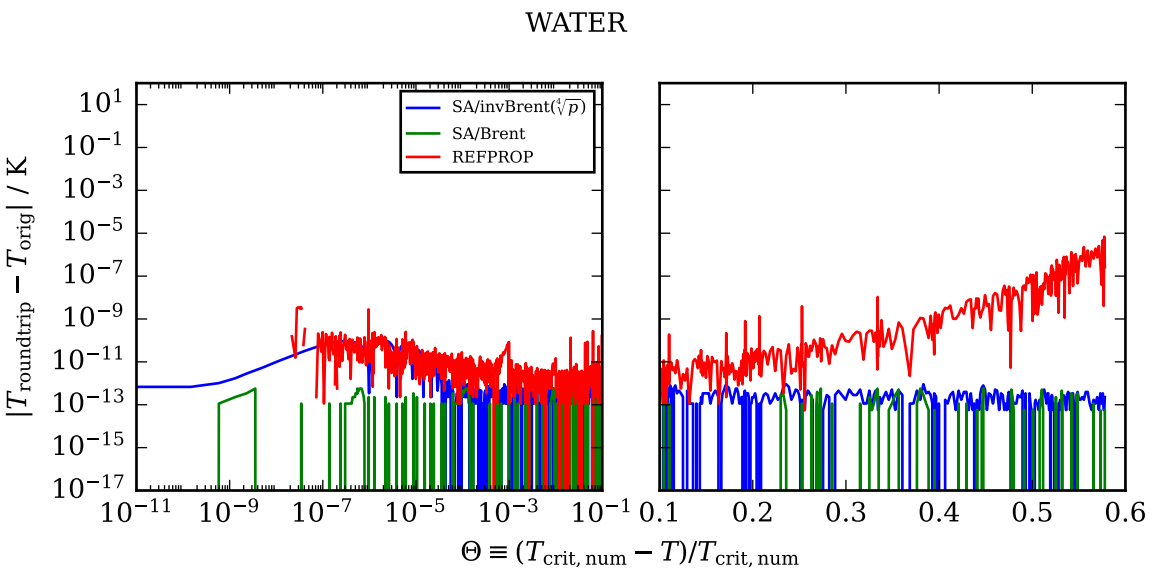

SF6
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
0.10
0.15
0.20
0.25
0.30
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

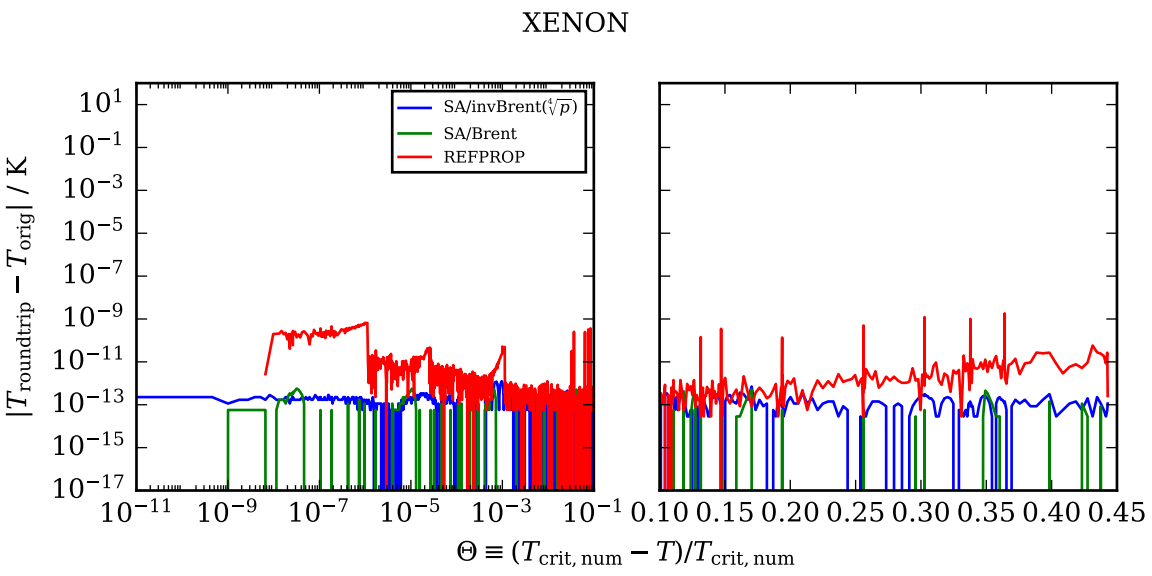

SO2
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
0.1
0.2
0.3
0.4
0.5
0.6
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


T2BUTENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


TOLUENE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-18}
10^{-14}
10^{-10}
10^{-6}
10^{-2}
0.1
0.2
0.3
0.4
0.5
0.6
0.7
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


VINYLCHLORIDE
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


WATER
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


XENON
SA/invBrent($\sqrt[4]{p}$)
SA/Brent
REFPROP
$|T_{\mathrm{roundtrip}} - T_{\mathrm{orig}}|$ / K
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-17}
10^{-11} 10^{-9} 10^{-7} 10^{-5} 10^{-3} 10^{-1}
0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$