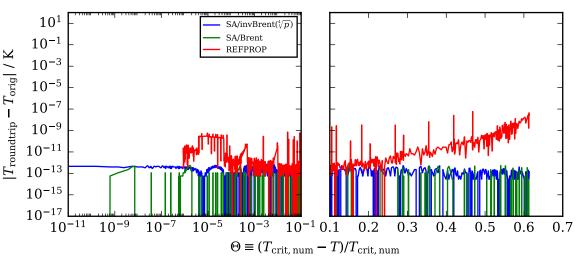
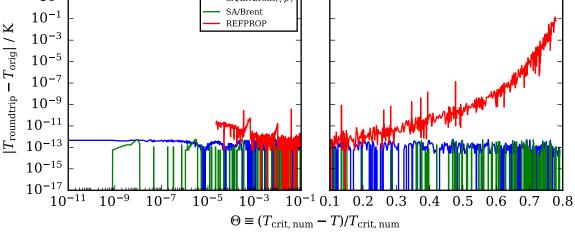
13BUTADIENE

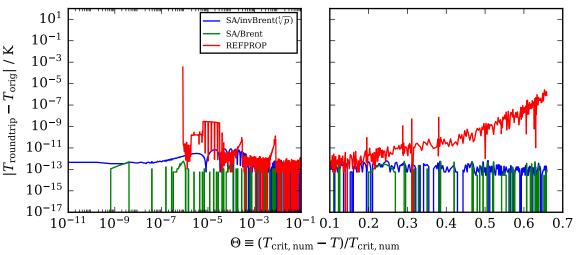


10^{1} – SA/invBrent($\sqrt[4]{p}$) –

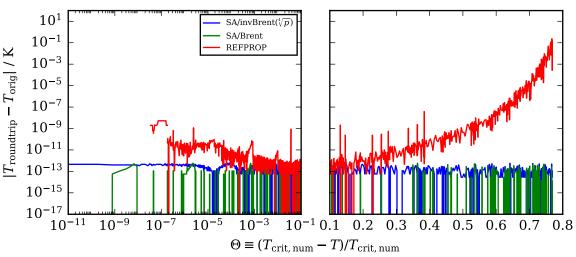


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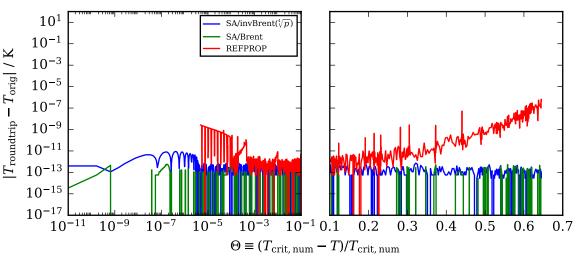
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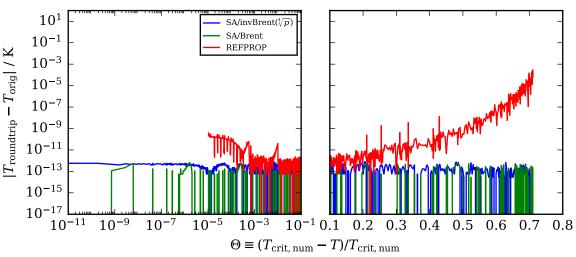
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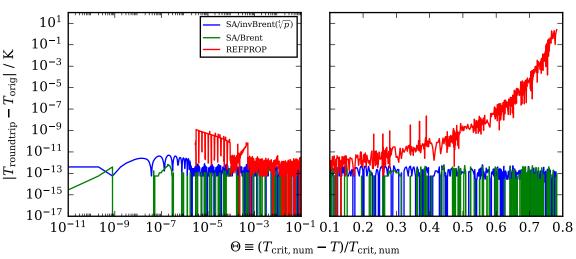
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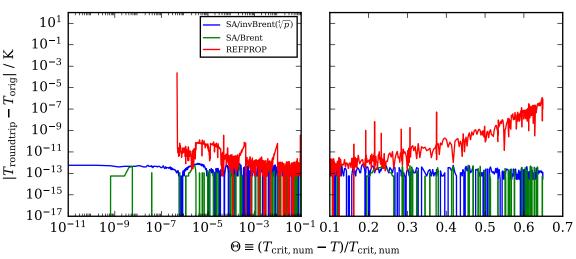
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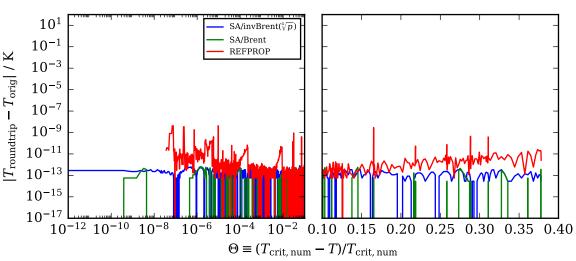
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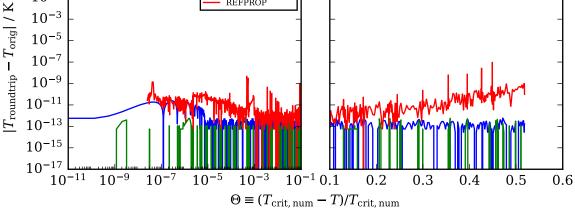
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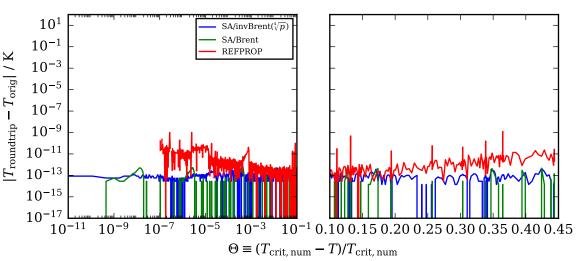
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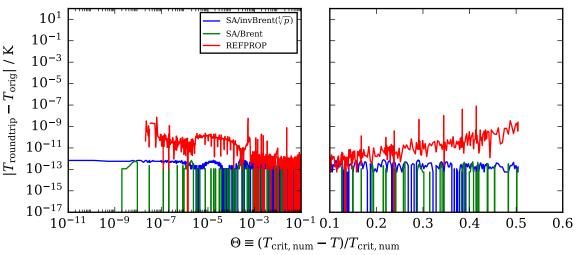
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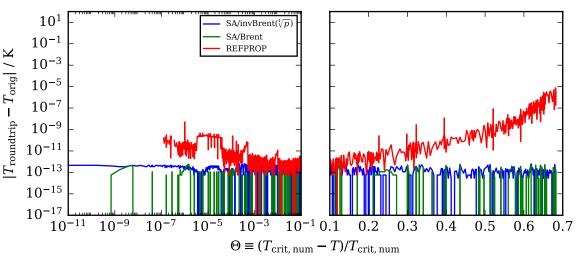
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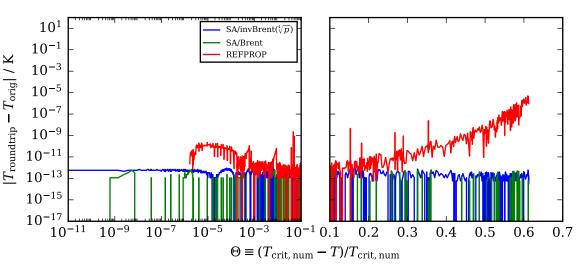


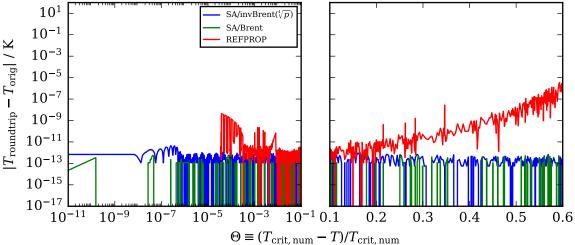
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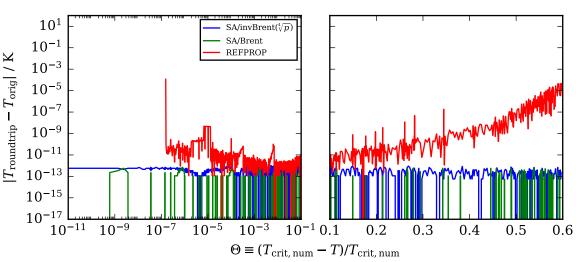


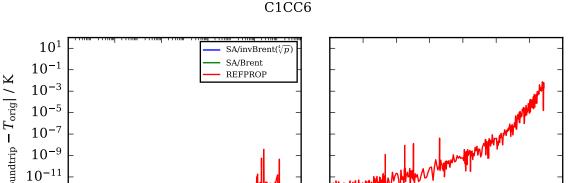
BUTANE

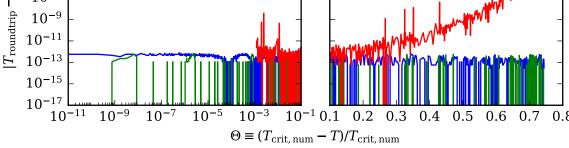




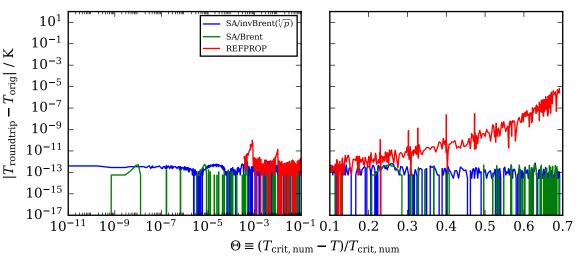


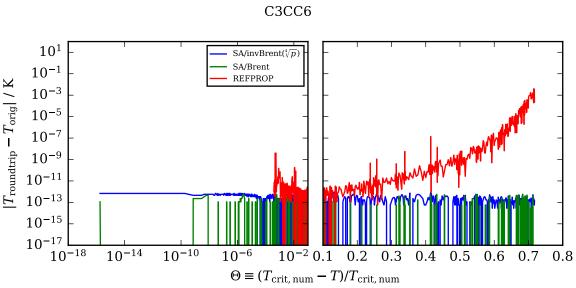






C2BUTENE

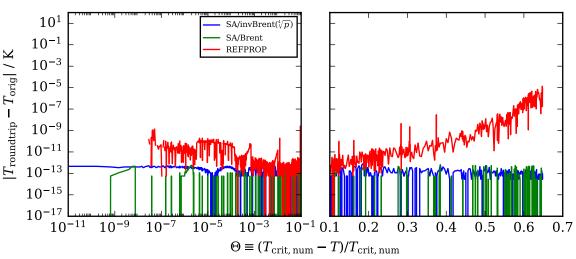




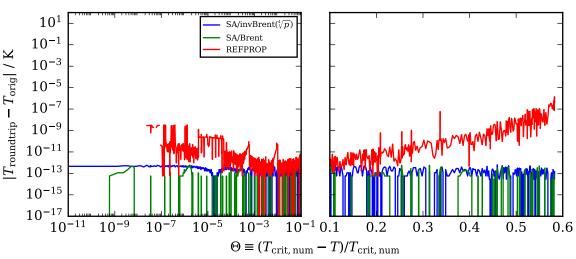
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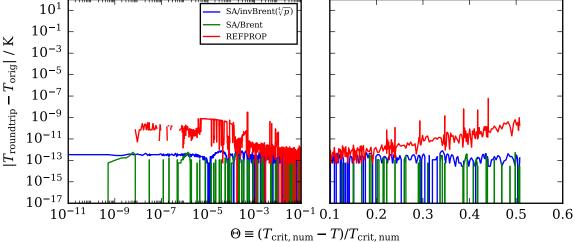
 10^{-17} 10^{-18} 10^{-10} $\overline{10^{-2}}$ 0.1 10^{-14} 10^{-6} 0.2 0.3 0.4 0.5 0.6 0.7 $\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$

C5F12

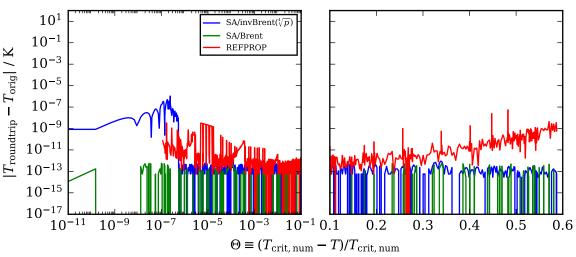


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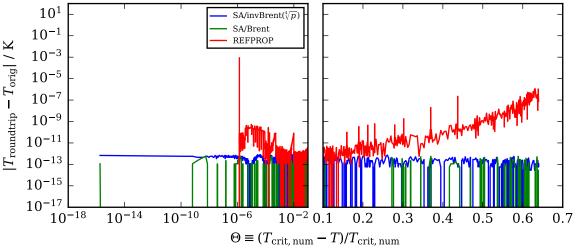


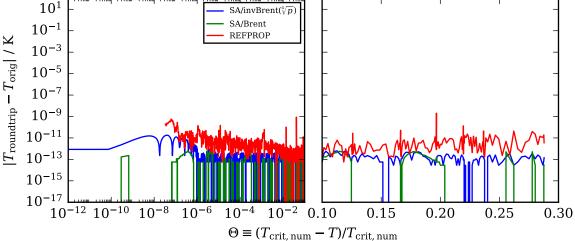


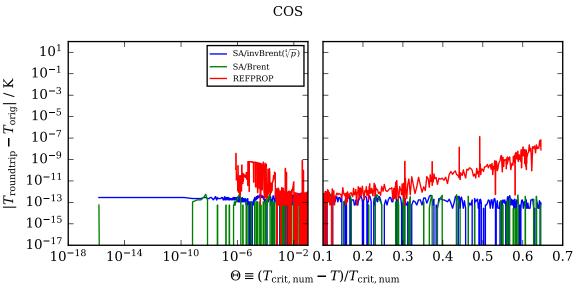
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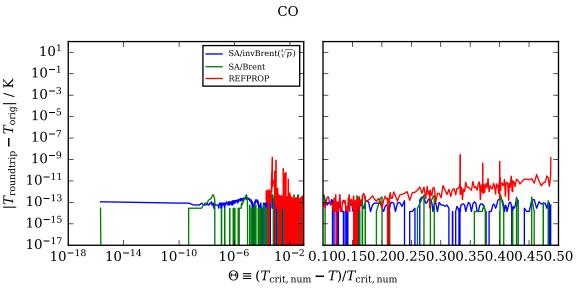


CHLOROBENZENE

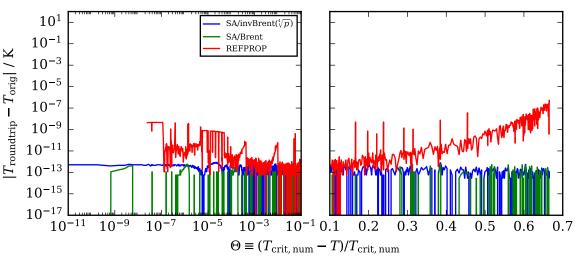




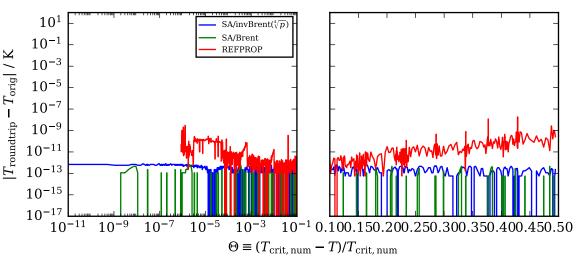




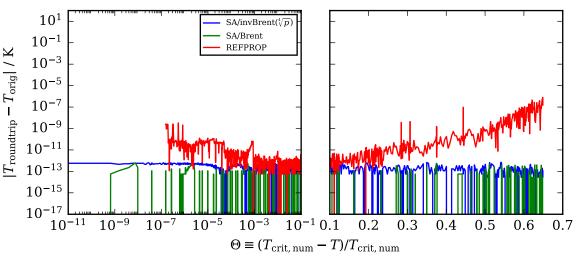
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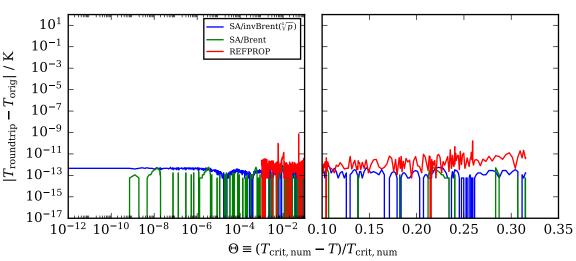
CYCLOHEX



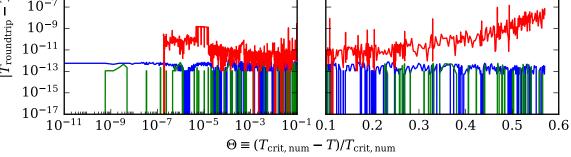
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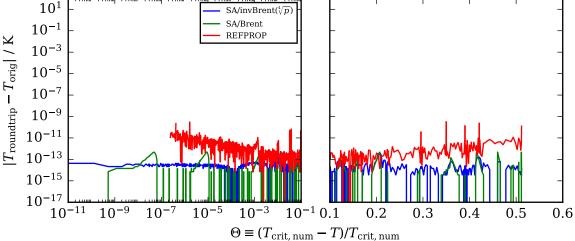


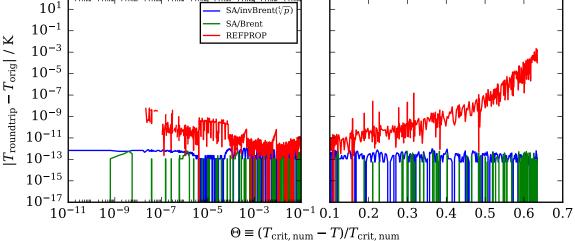
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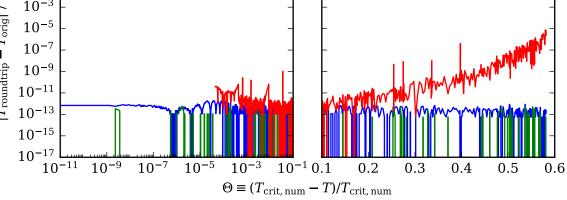


D₂O

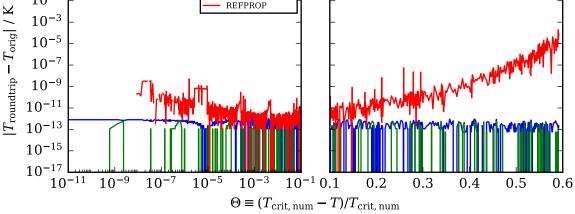




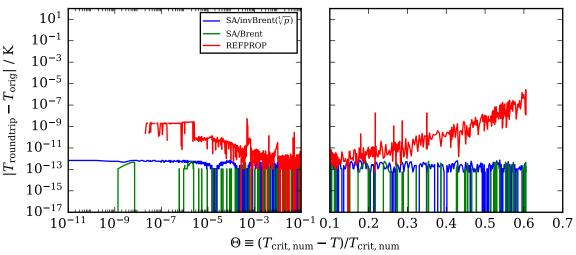


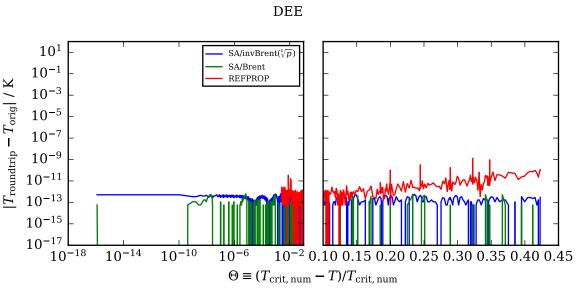


DEA 10^{1} SA/invBrent($\sqrt[4]{p}$) SA/Brent 10^{-1} REFPROP $T_{\rm orig}|$ / K 10^{-3} 10^{-5} 10^{-7}

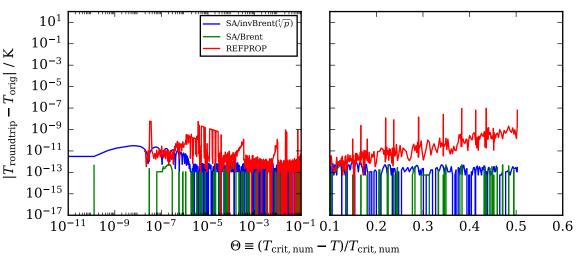


DECANE

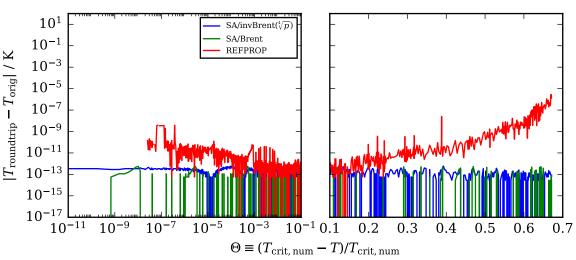




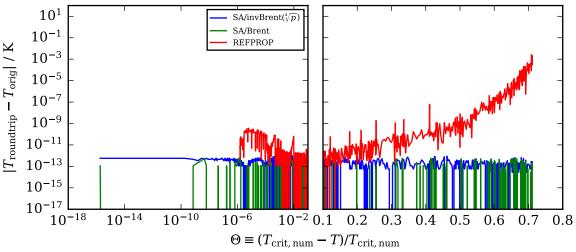
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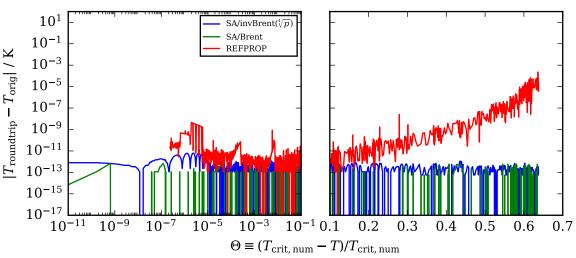
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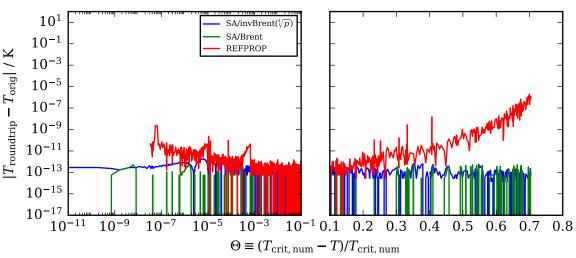
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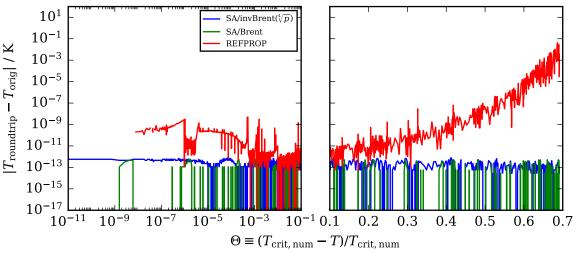
EGLYCOL



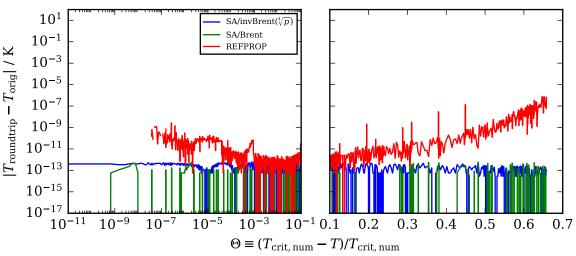
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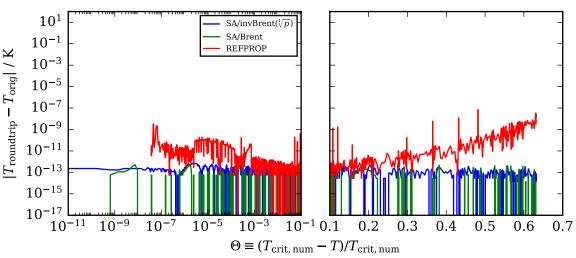
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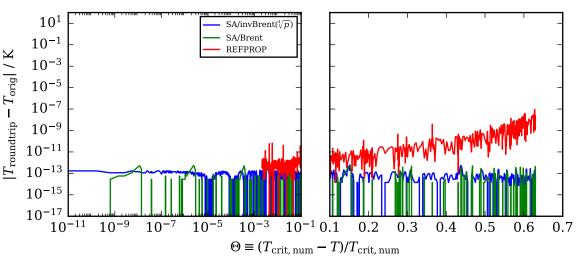
ETHYLENEOXIDE

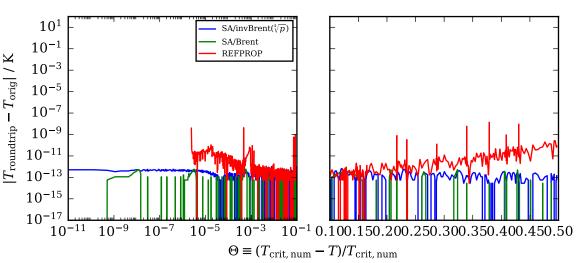


ETHYLENE

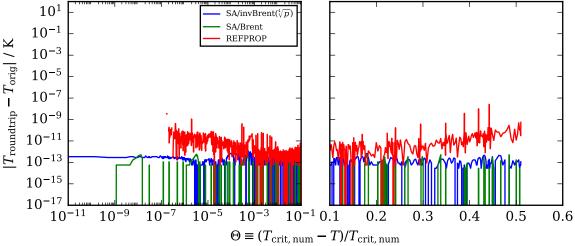


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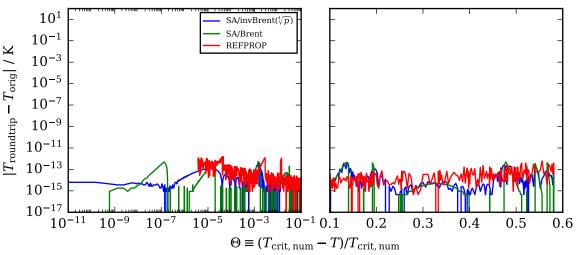




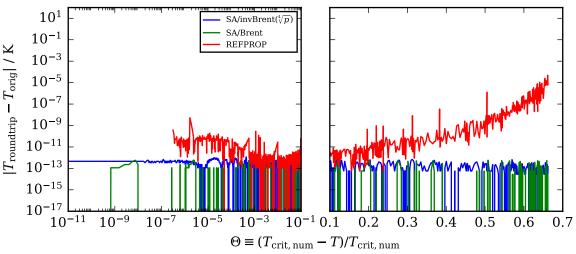
HCL



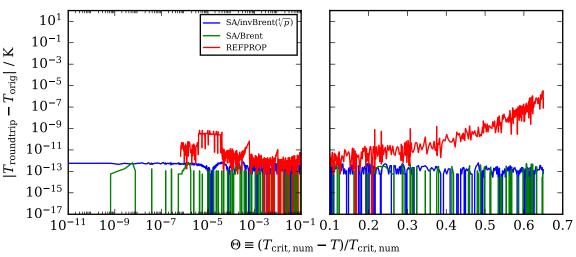
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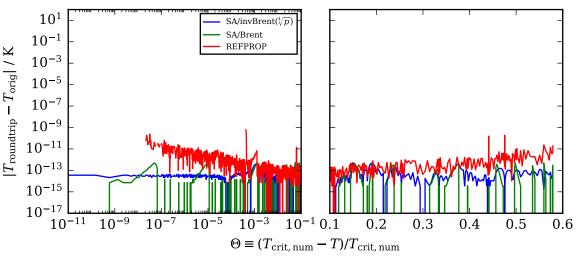
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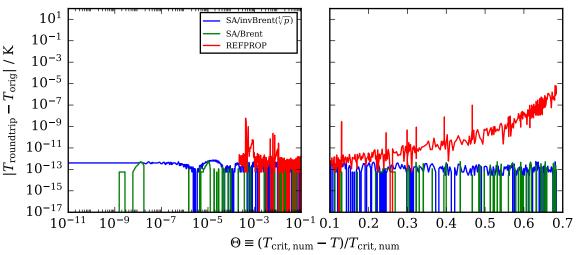
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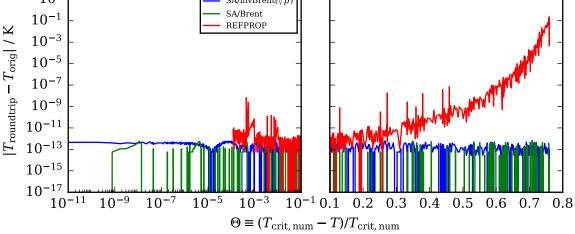
HYDROGEN



IBUTENE

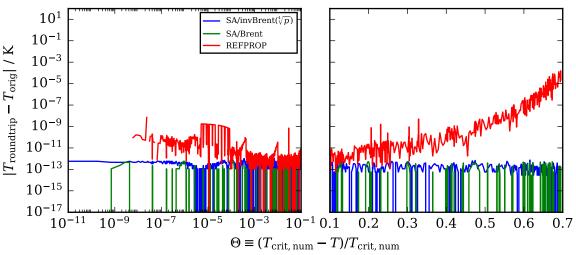


 10^{1} SA/invBrent($\sqrt[4]{p}$)

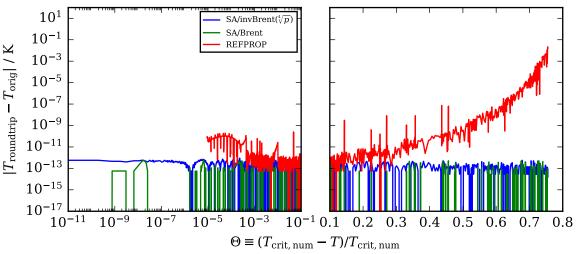


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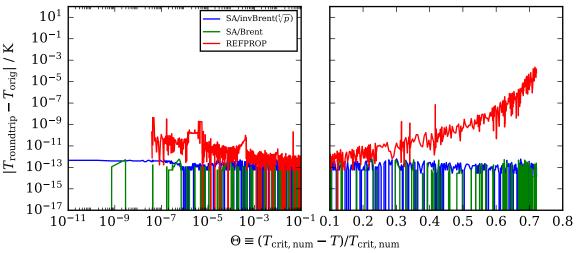
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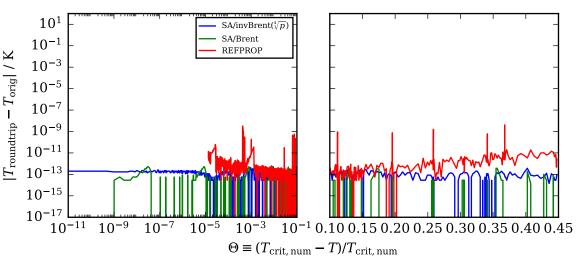
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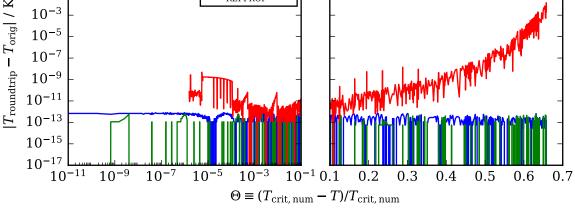


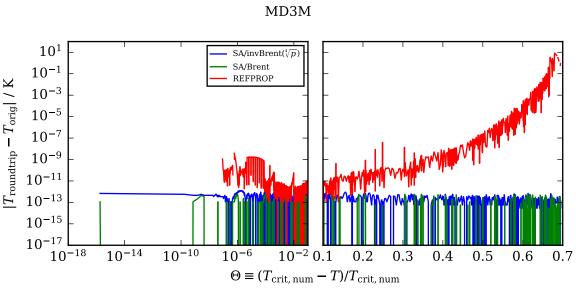
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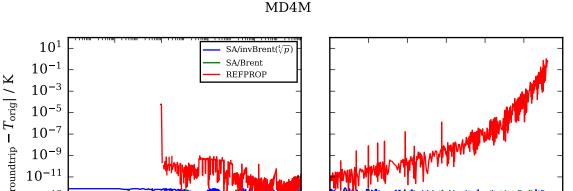


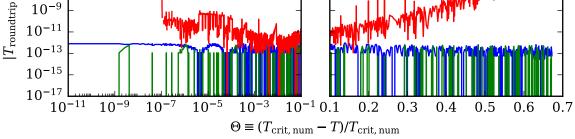
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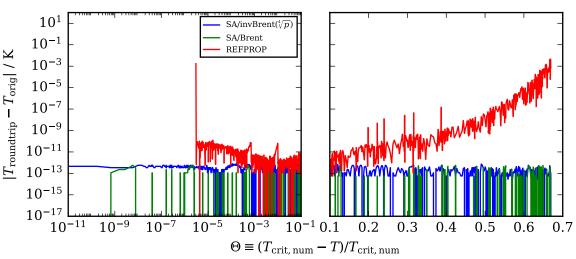


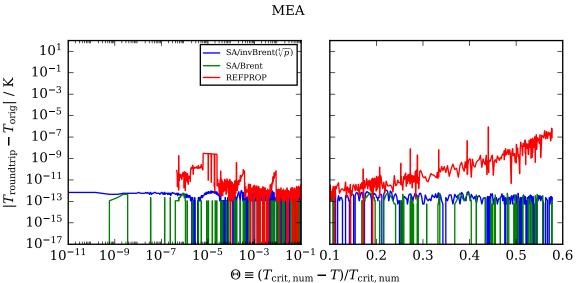




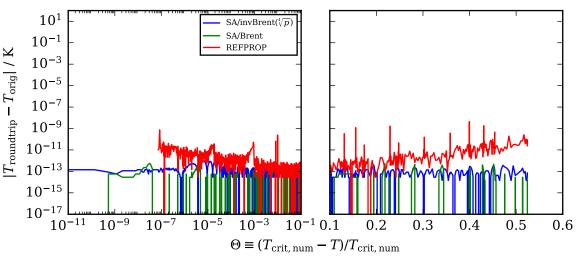


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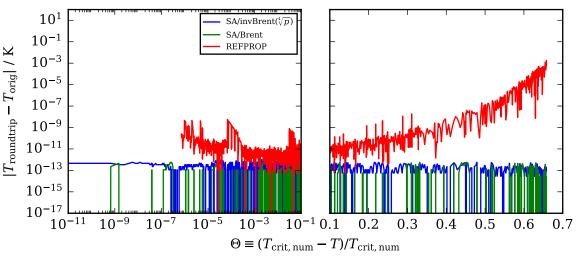




METHANE

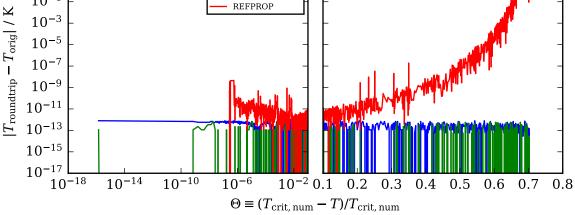


METHANOL

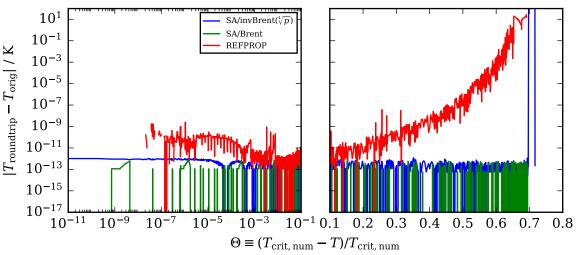


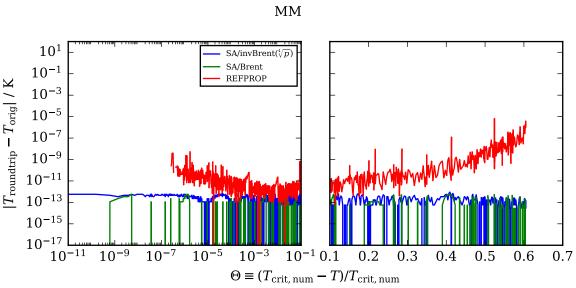
$\begin{array}{c|c} 10^{1} & & & \\ \hline & SA/invBrent(\sqrt[4]{p}) \\ \hline & SA/Brent \\ & REFPROP \end{array}$

MLINOLEA

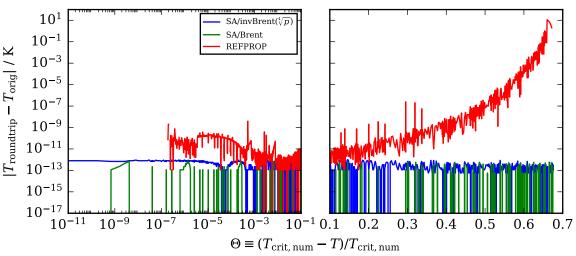


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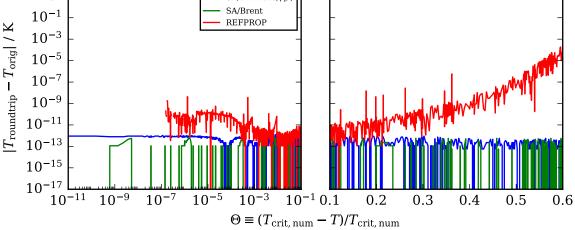




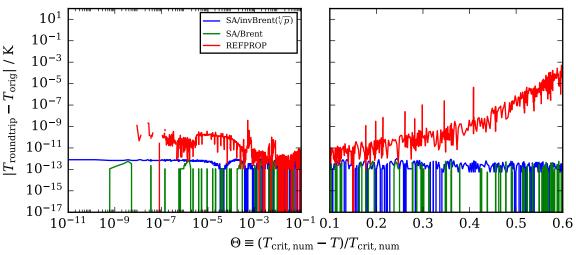
MOLEATE



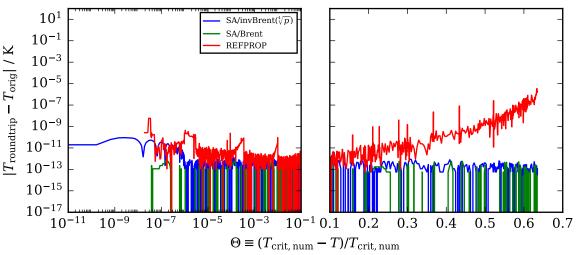
MPALMITA 10¹ - SA/invBrent(∜√p) + -

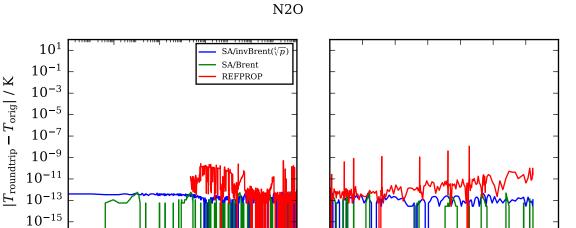


MSTEARAT



MXYLENE





 10^{-17}

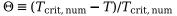
 10^{-11}

 10^{-7}

 10^{-9}

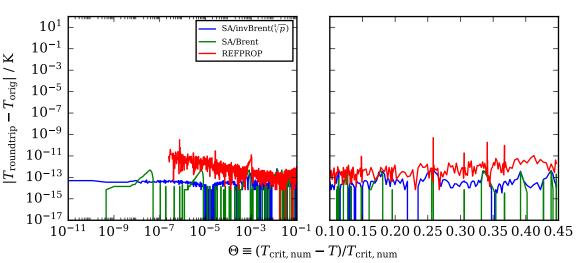
 10^{-5}

 10^{-3}

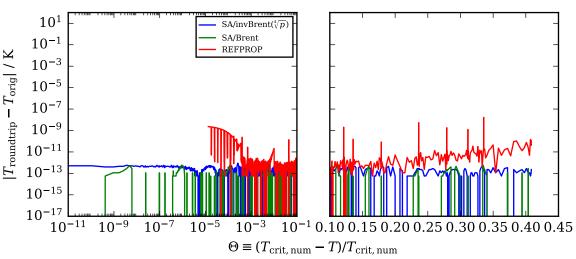


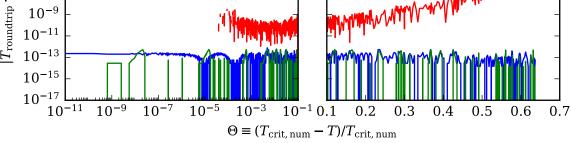
 $10^{-1} \ 0.10 \ 0.15 \ 0.20 \ 0.25 \ 0.30 \ 0.35 \ 0.40 \ 0.45$

NEON

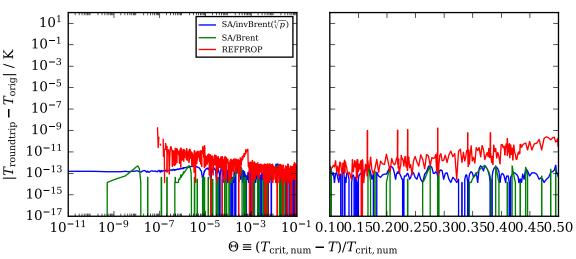


NEOPENTN

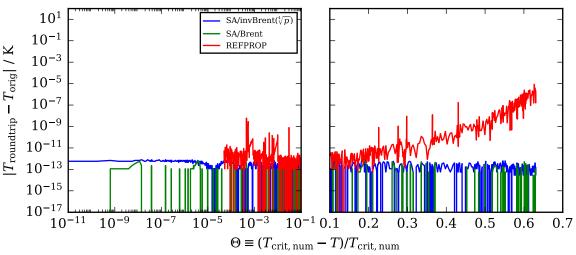


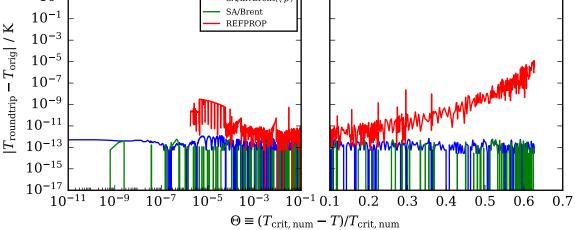


NITROGEN

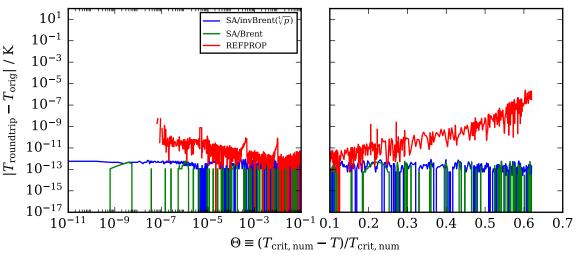


NONANE

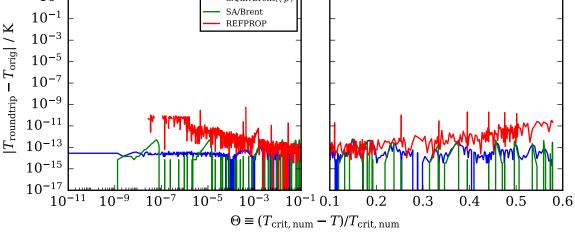




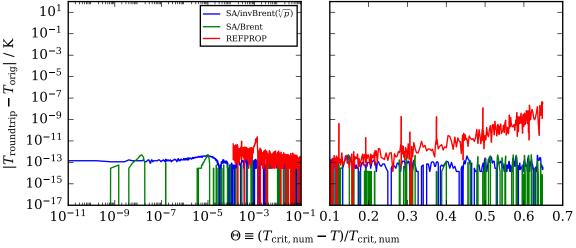
OCTANE



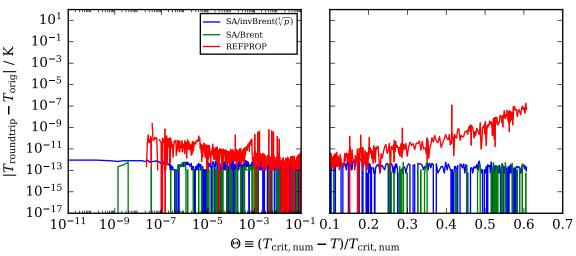
ORTHOHYD 10¹ SA/invBrent(\(\frac{1}{\pi_D}\))

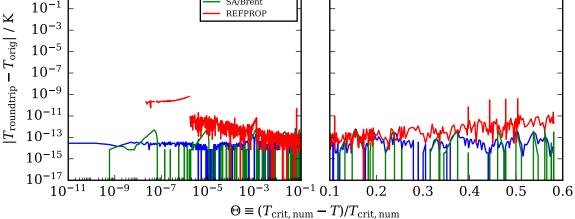


OXYGEN

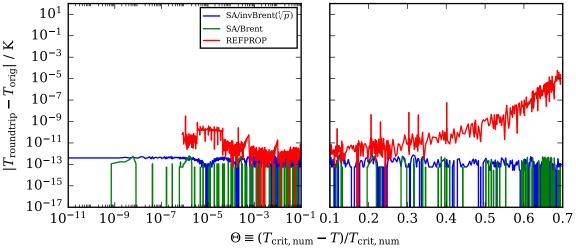


OXYLENE

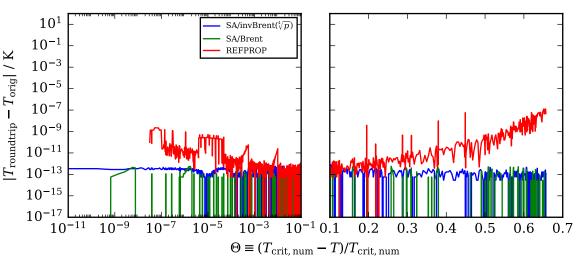




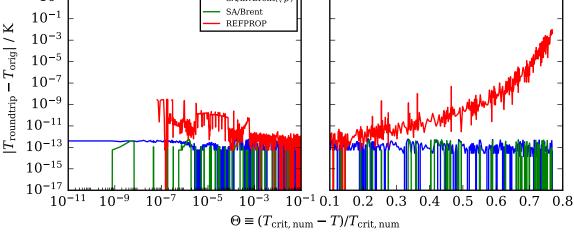
PENTANE



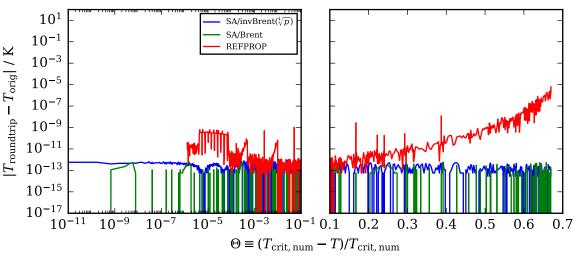
PROPADIENE

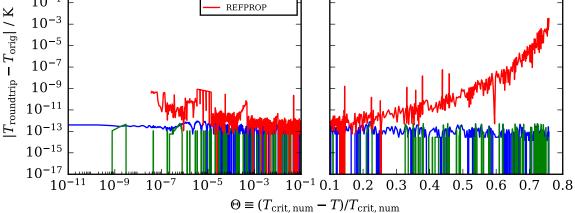


PROPANE 10¹ SA/invBrent(\(\frac{1}{D}\))

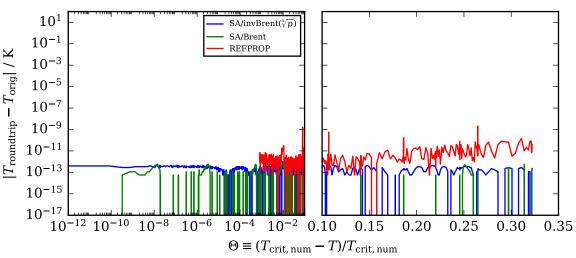


PROPYLENEOXIDE

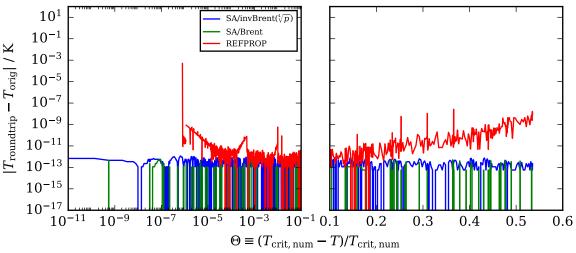




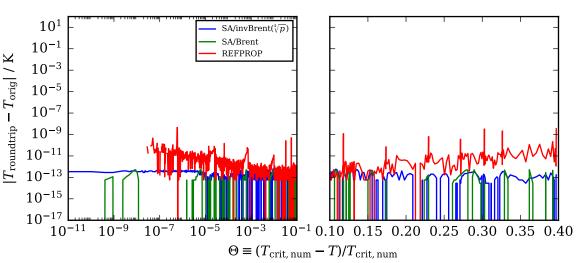
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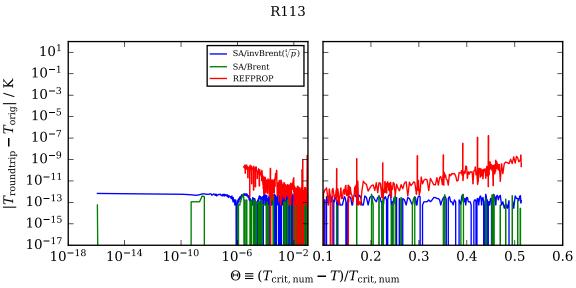


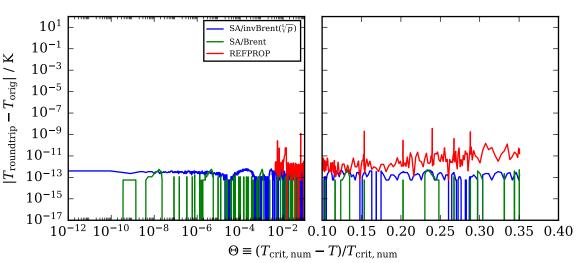
PXYLENE

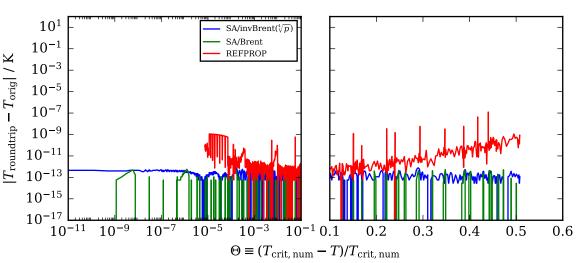


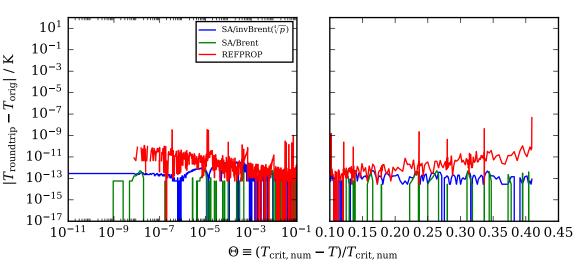
R1123

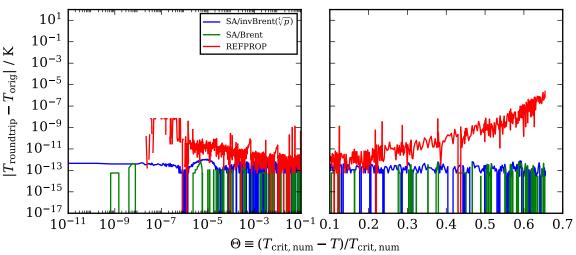


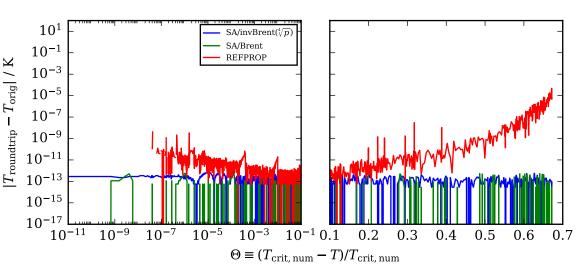




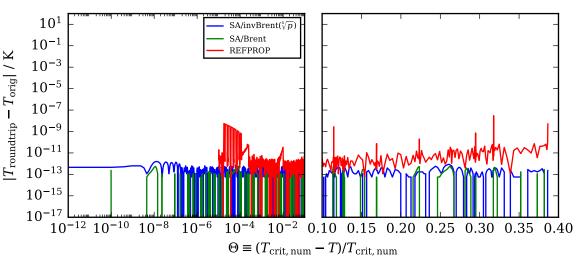




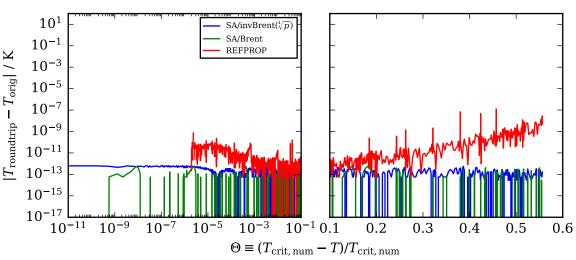


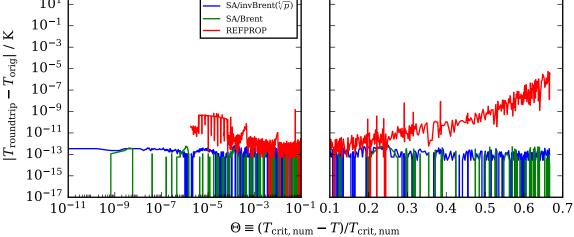


R1224YDZ

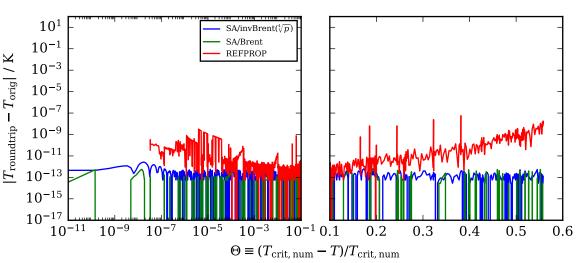


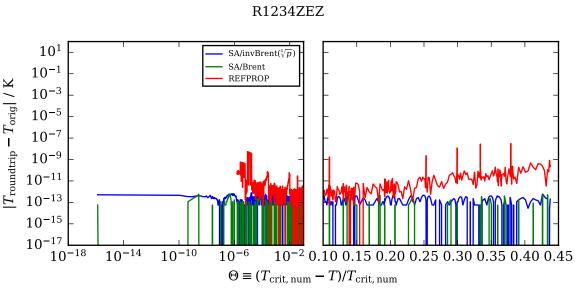
R1233ZDE

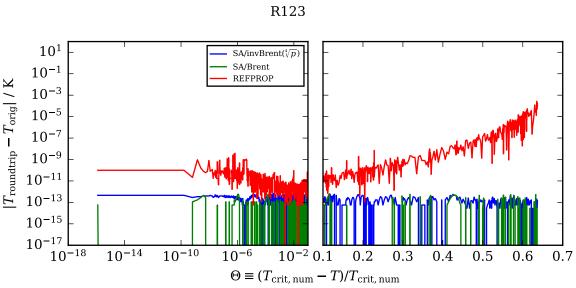




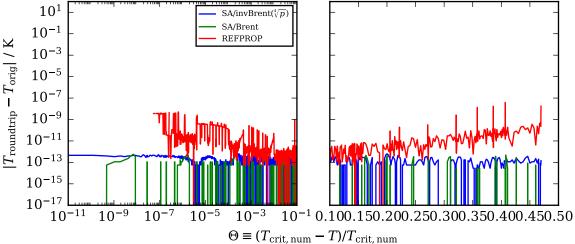
R1234ZEE





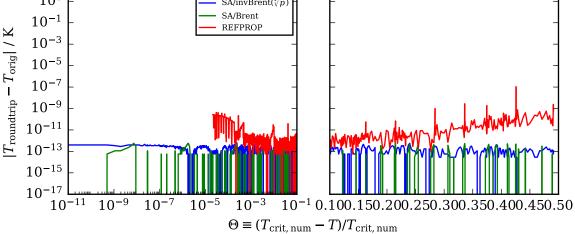


R1243ZF

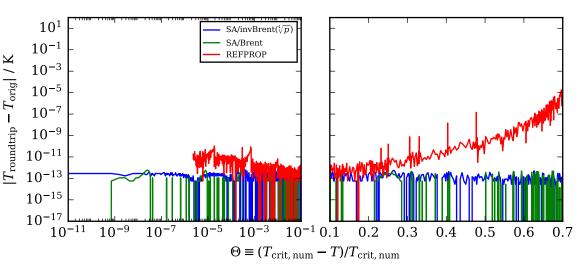


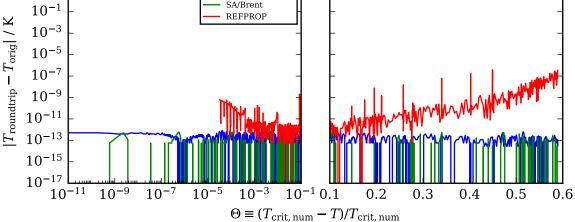
 $\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$

 10^1 – SA/invBrent($\sqrt[4]{p}$)

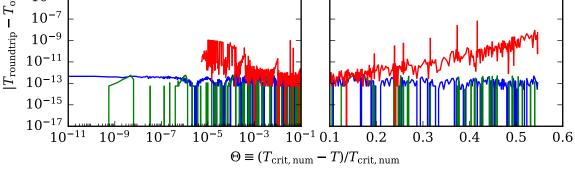


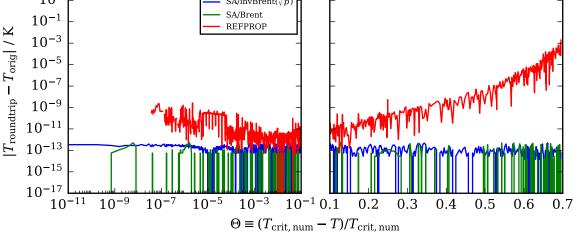
R125





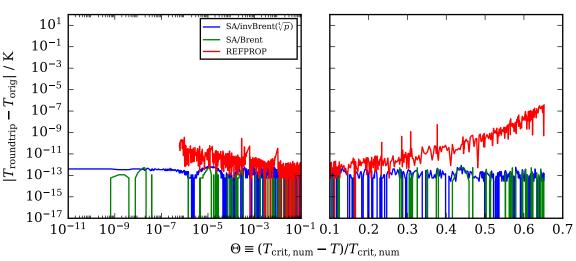
R134A 10^{1} SA/invBrent($\sqrt[4]{p}$) SA/Brent 10^{-1} REFPROP $-T_{\rm orig}|/K$ 10^{-3} 10⁻⁵ 10^{-7} 10^{-9} 10^{-11}



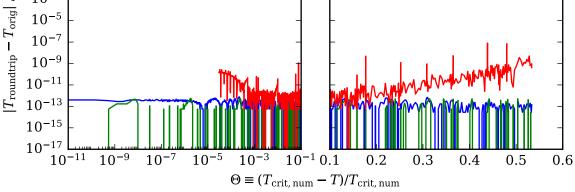


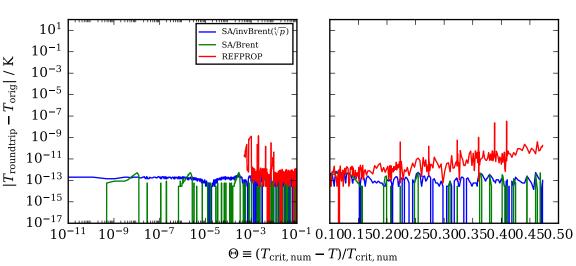
R141B 10^{1} $SA/invBrent(\sqrt[4]{p})$ SA/Brent 10^{-1} REFPROP $-T_{\rm orig}|$ / K 10^{-3} 10^{-5} 10^{-7} $|T_{
m roundtrip}|$ 10^{-9} 10^{-11} 10^{-13} 10^{-15} 10^{-17} 10^{-18} 10^{-10} $\overline{10^{-2}}$ 0.1 10^{-14} 10^{-6} 0.2 0.3 0.4 0.5 0.6 0.7 $\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit,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

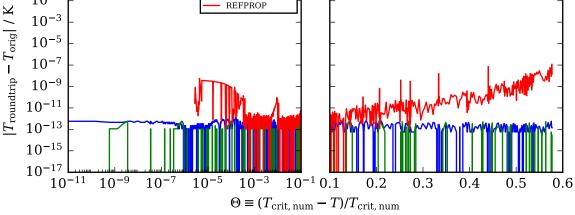
R142B



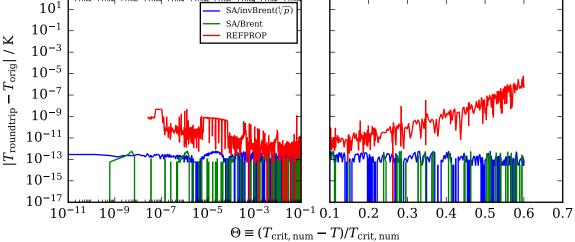
R143A 10^{1} SA/invBrent($\sqrt[4]{p}$) SA/Brent 10^{-1} REFPROP $-T_{\rm orig}|/K$ 10^{-3} 10^{-5} 10^{-7} 10^{-9}

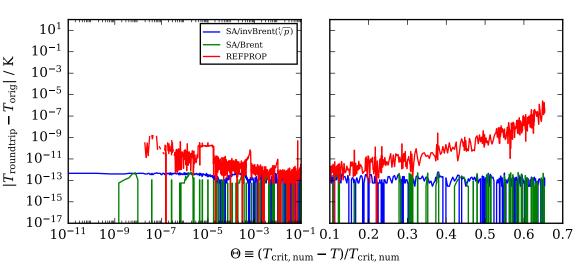


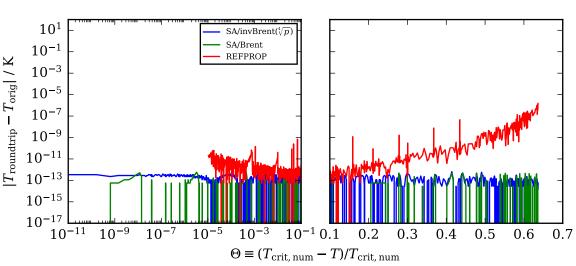


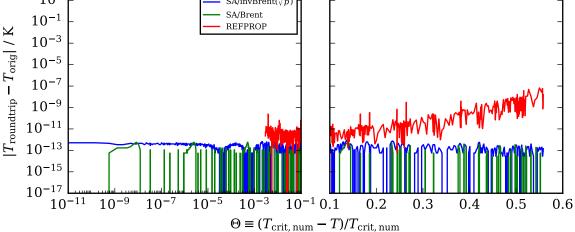


R152A



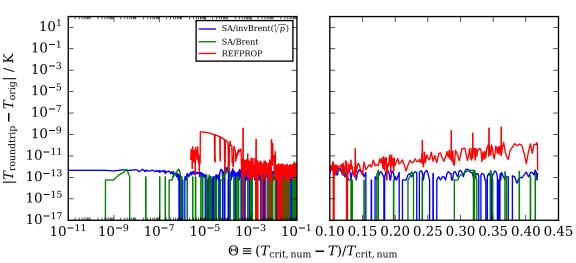




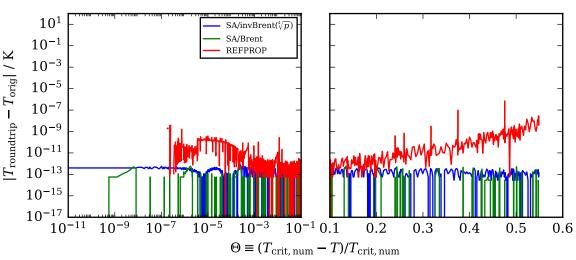


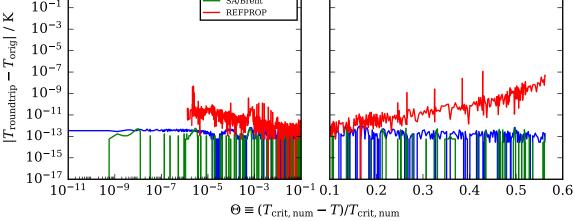
 $\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$

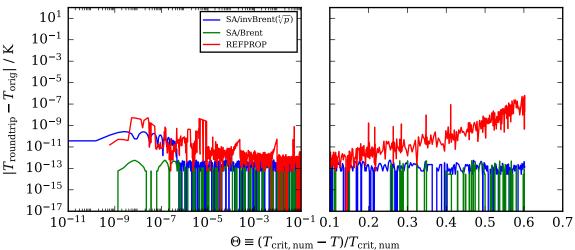
R236EA

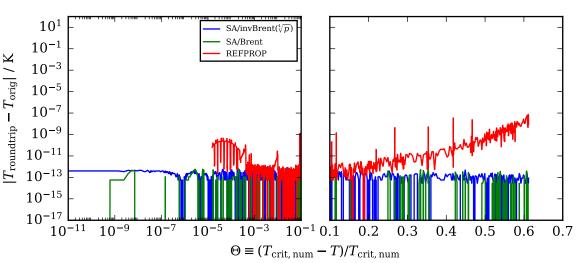


R236FA

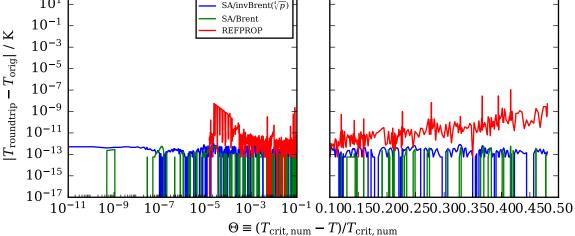




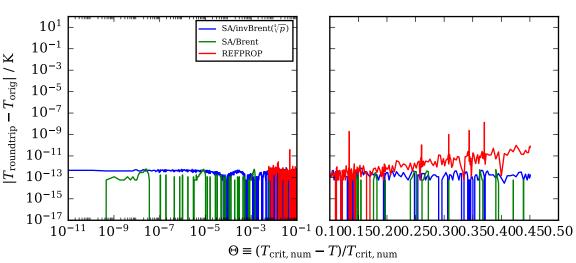


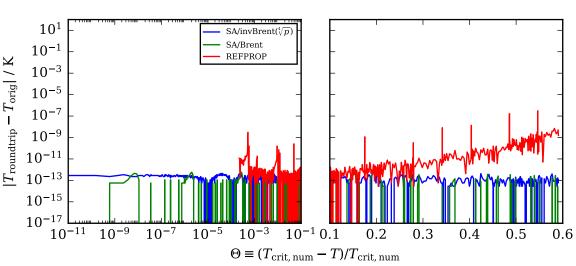


 10^1 – SA/invBrent($\sqrt[7]{p}$) –

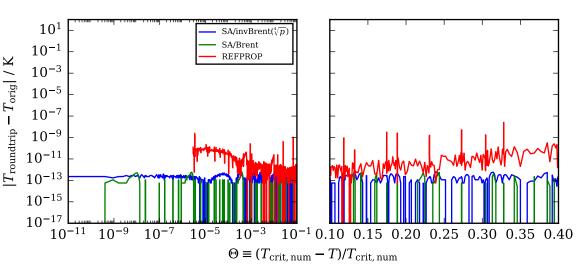


R365MFC

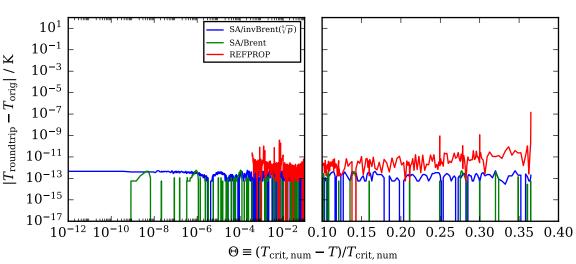




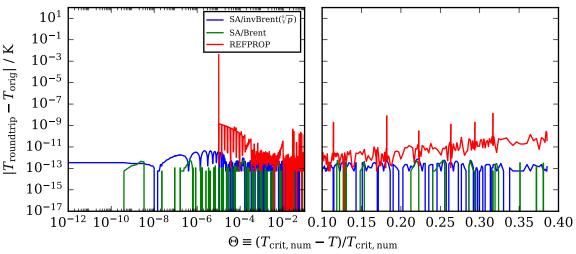
RC318



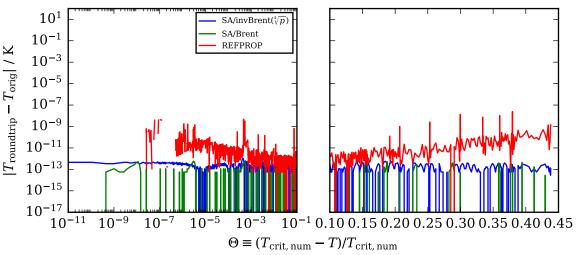
RE143A



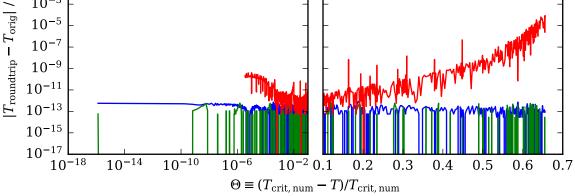
RE245CB2

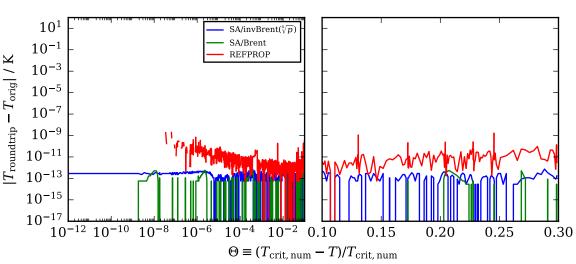


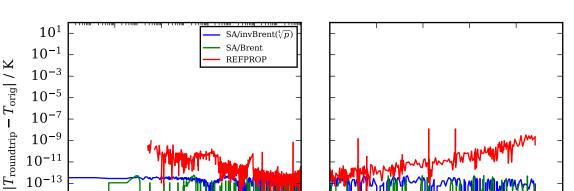
RE245FA2



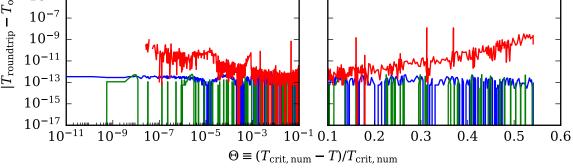
RE347MCC 10^{1} $SA/invBrent(\sqrt[4]{p})$ SA/Brent 10^{-1} REFPROP $-T_{\rm orig}|/K$ 10^{-3} 10⁻⁵ 10^{-7}



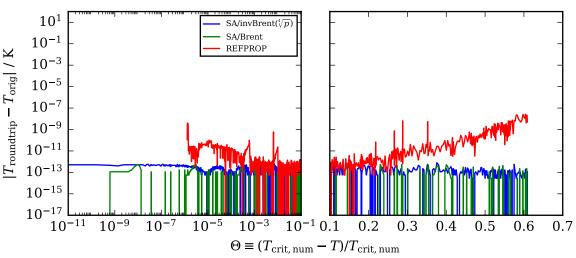




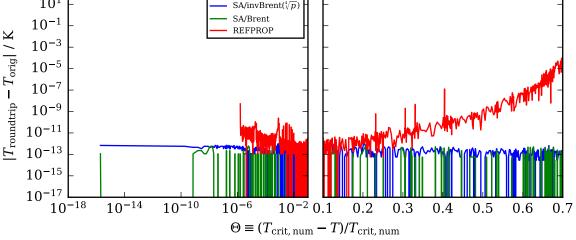
SO₂



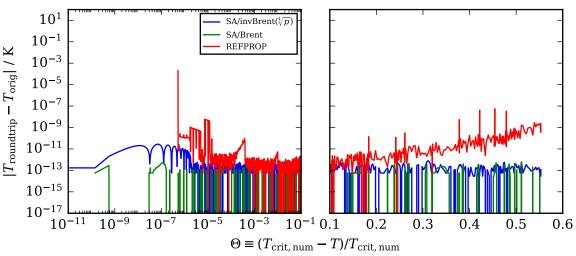
T2BUTENE



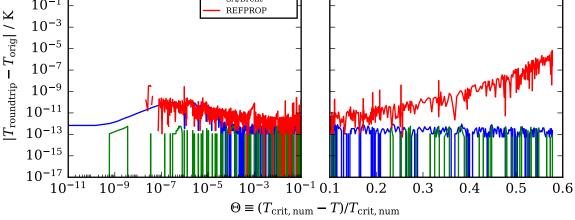
TOLUENE 10¹ SA/invBrent(\(\frac{1}{10}\))



VINYLCHLORIDE



WATER 10^{1} SA/invBrent($\sqrt[4]{p}$) SA/Brent 10^{-1} REFPROP $T_{\rm orig}|$ / K 10^{-3} 10^{-5}



XENON

