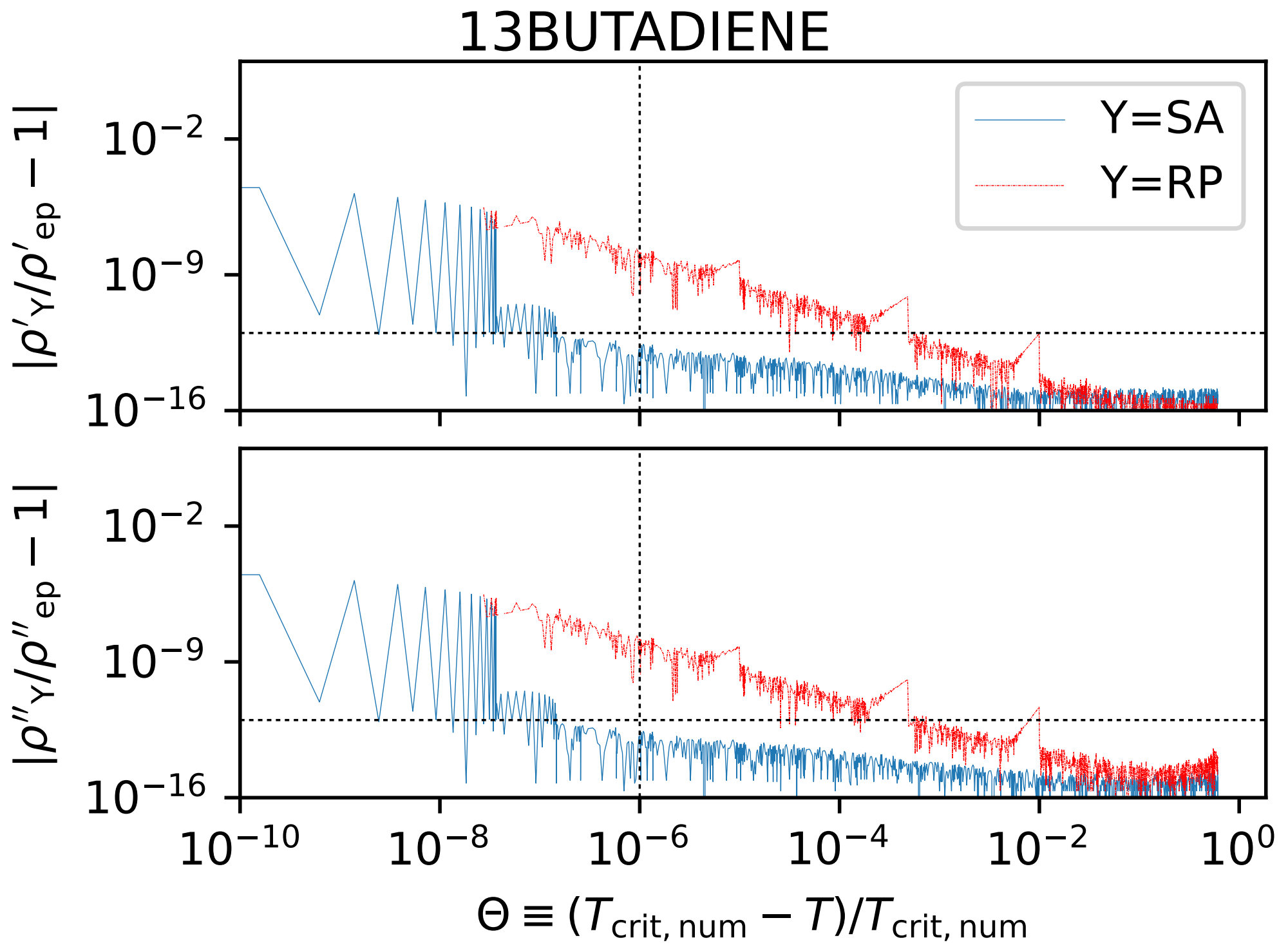
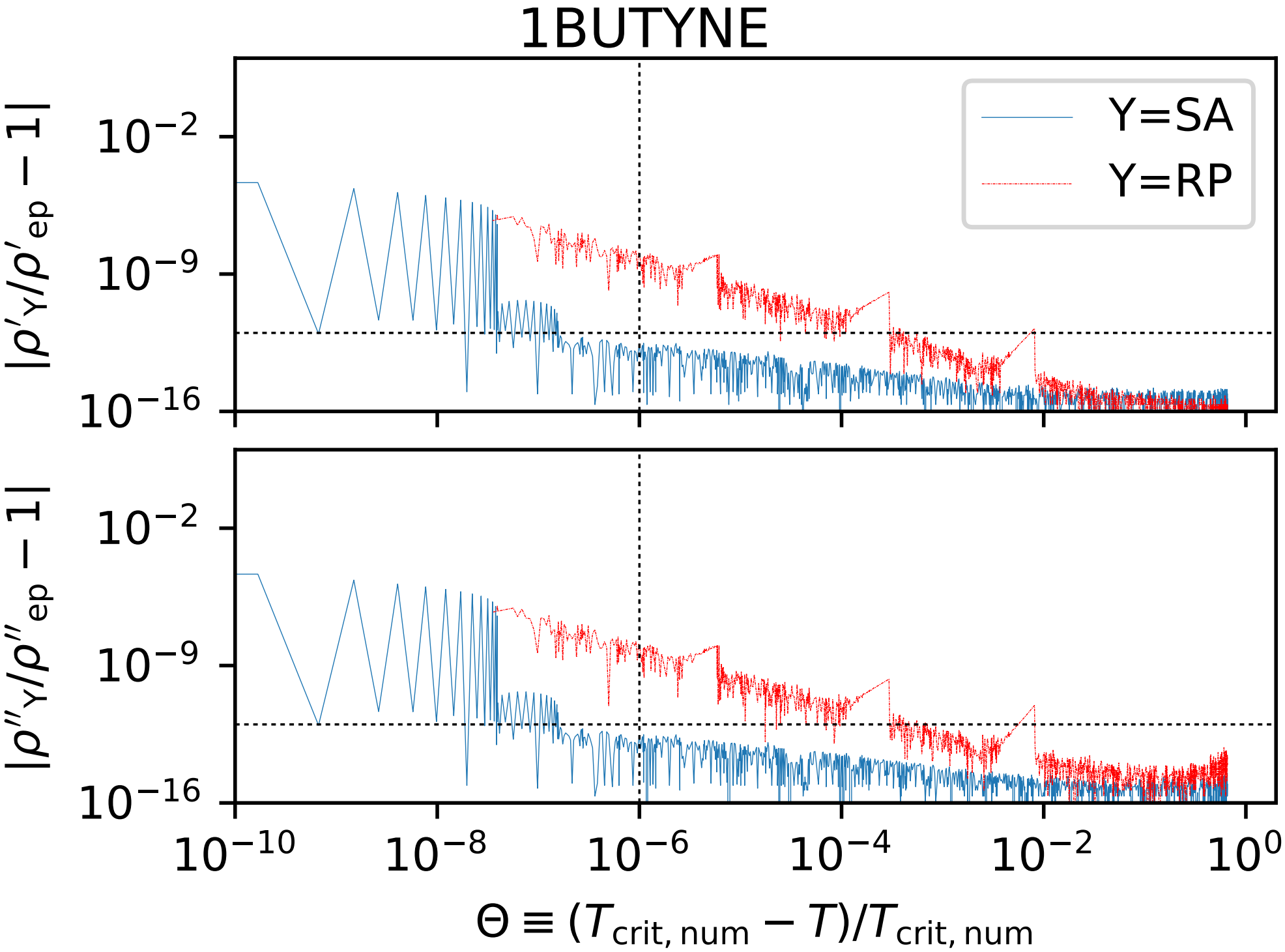
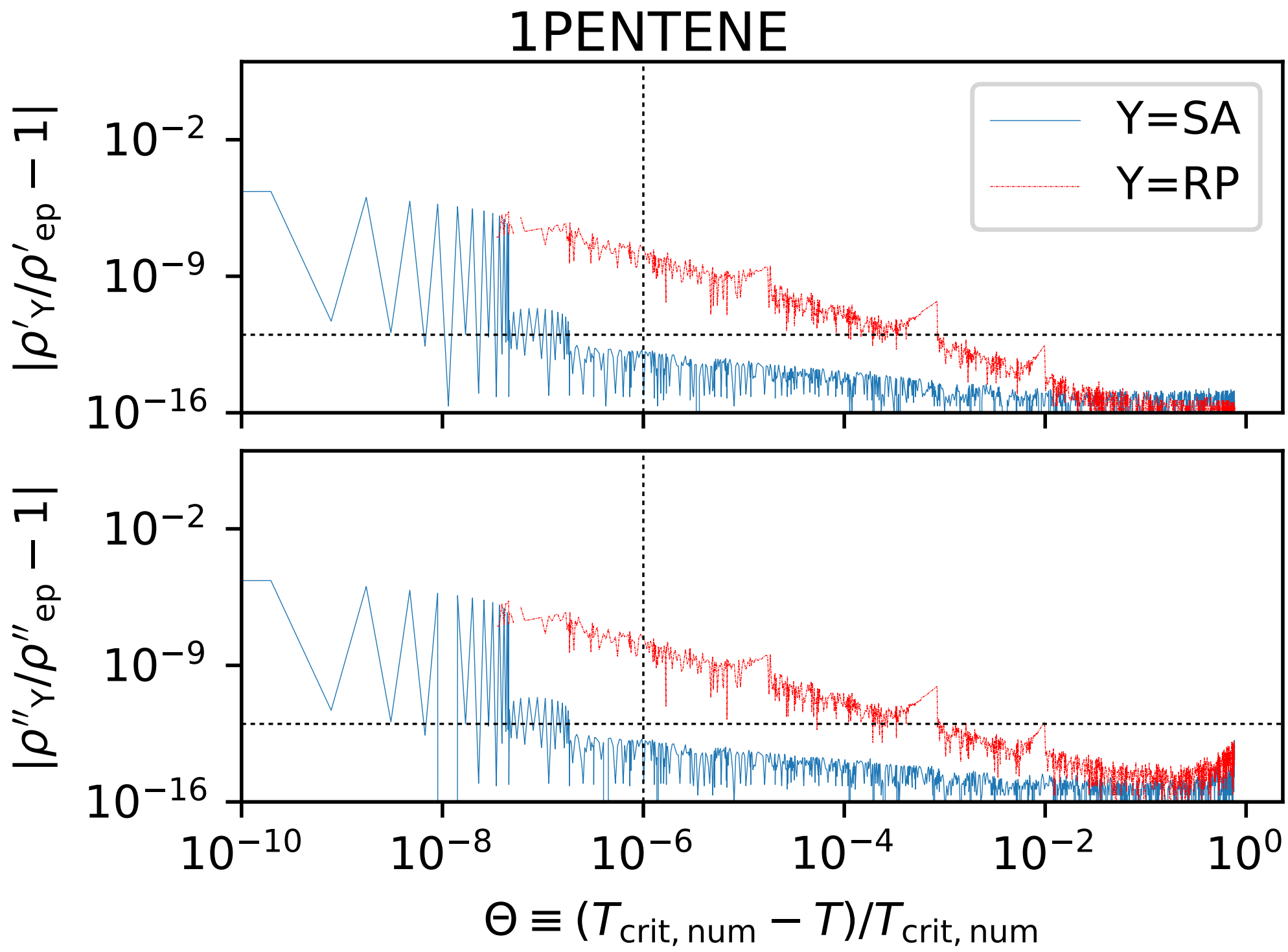
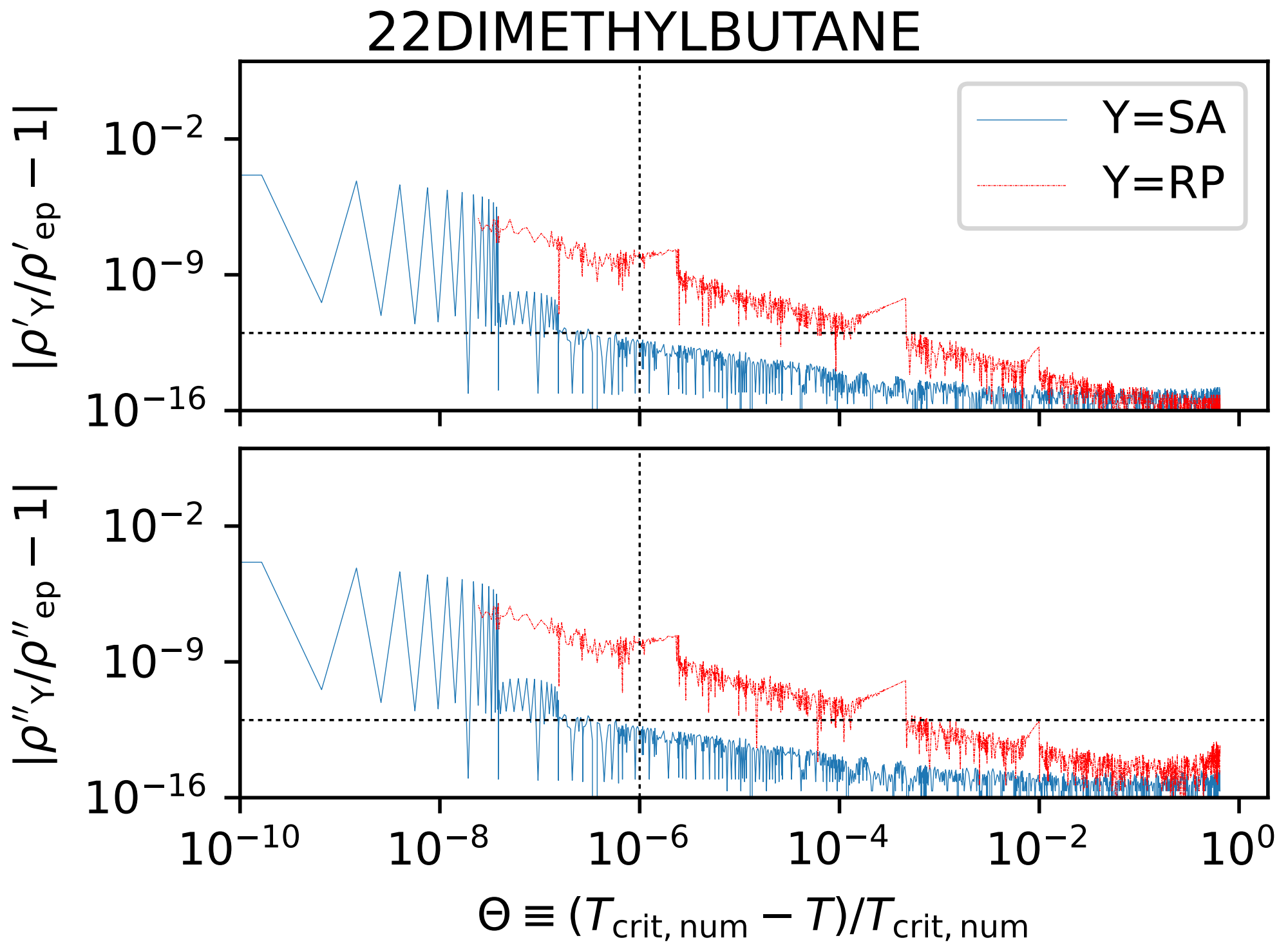
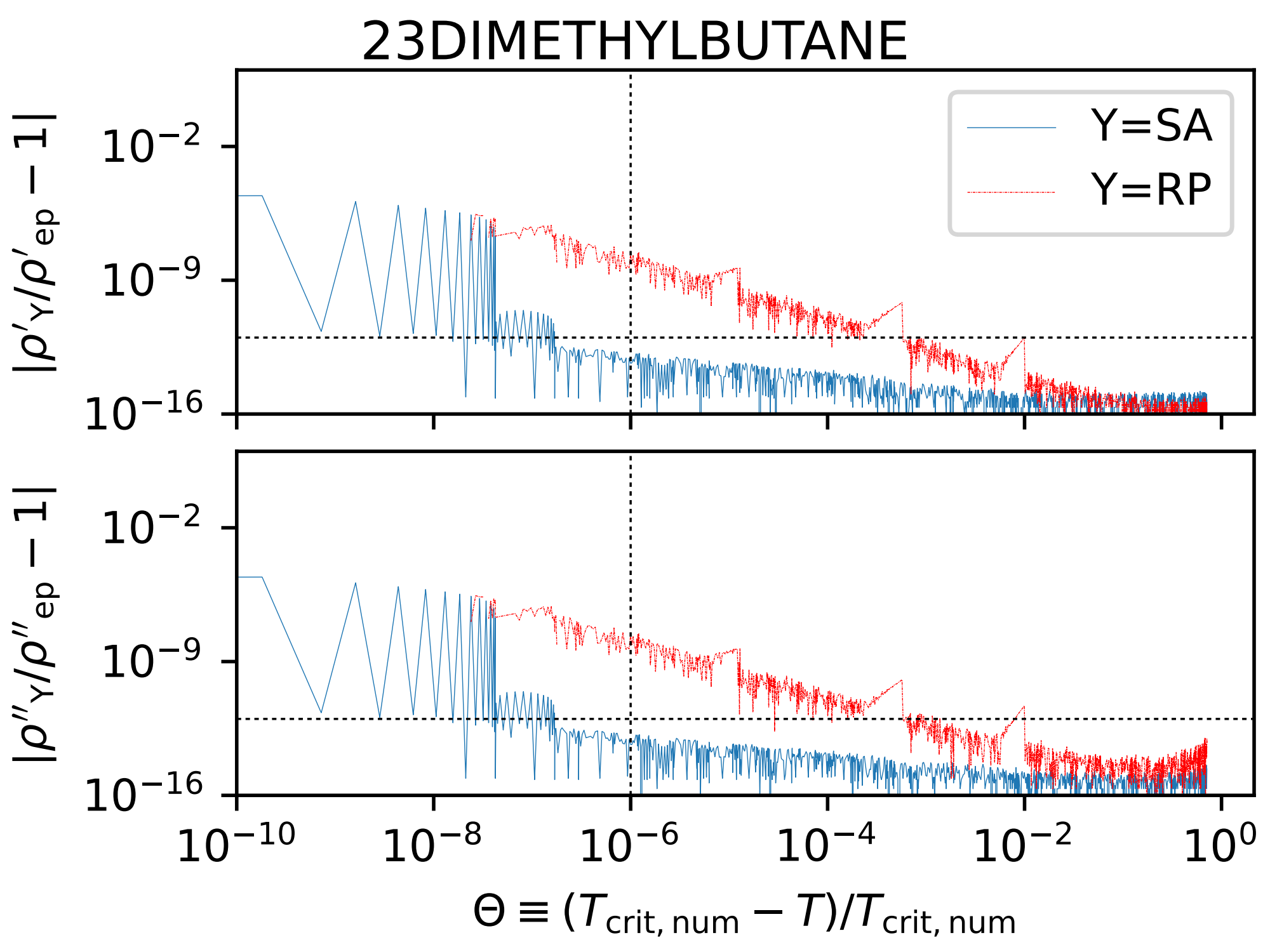
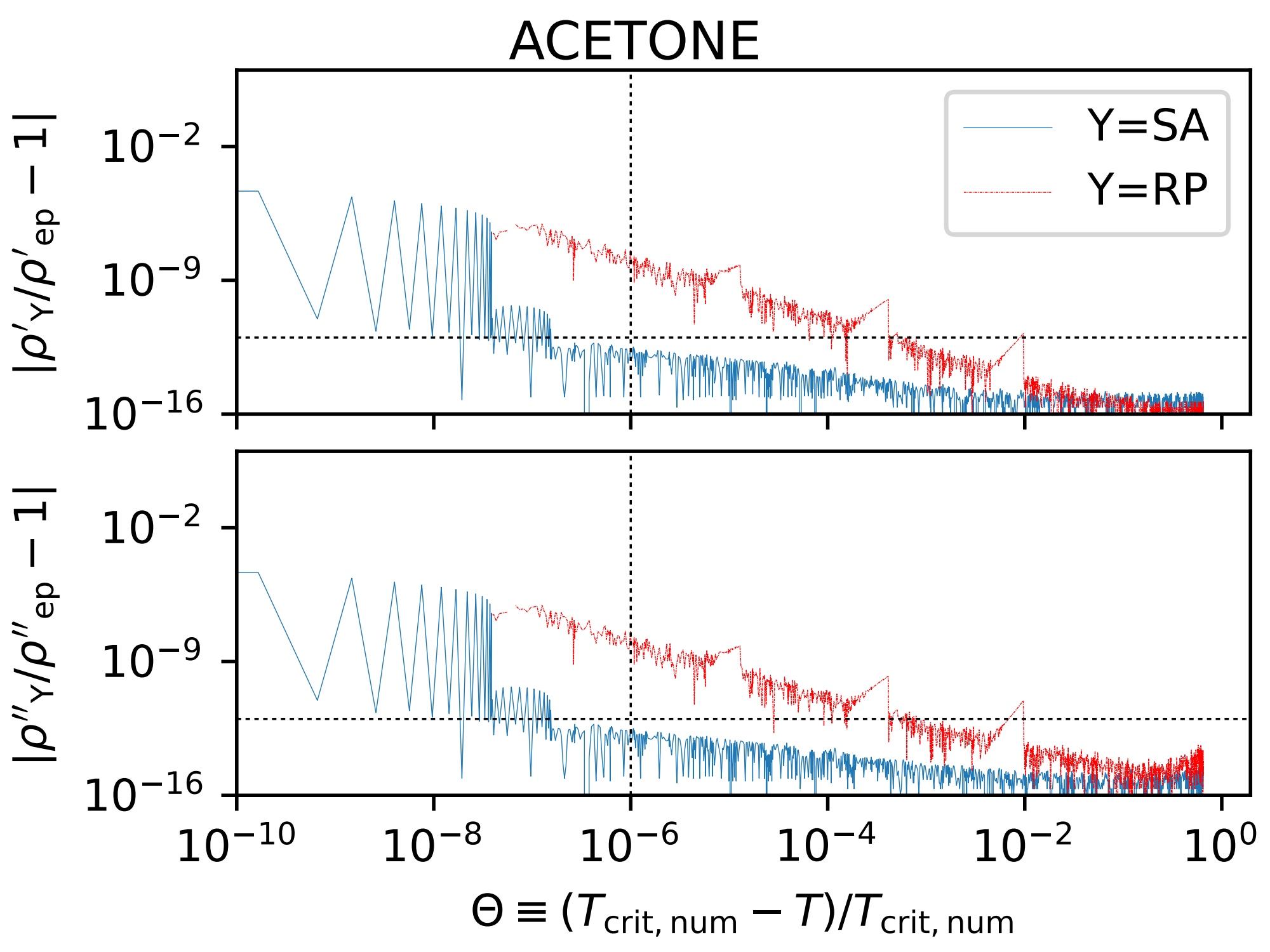

13BUTADIENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

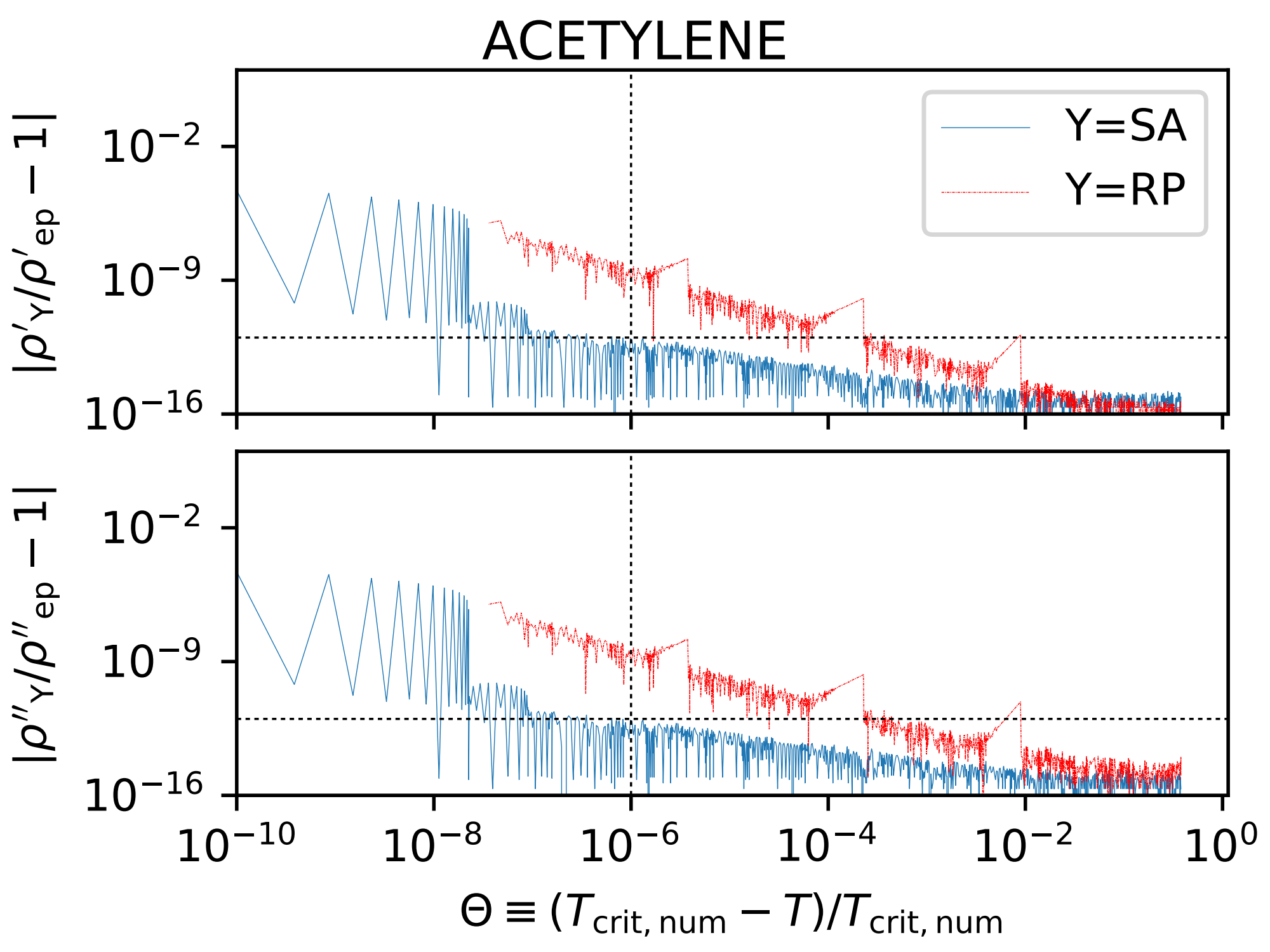

1BUTYNE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

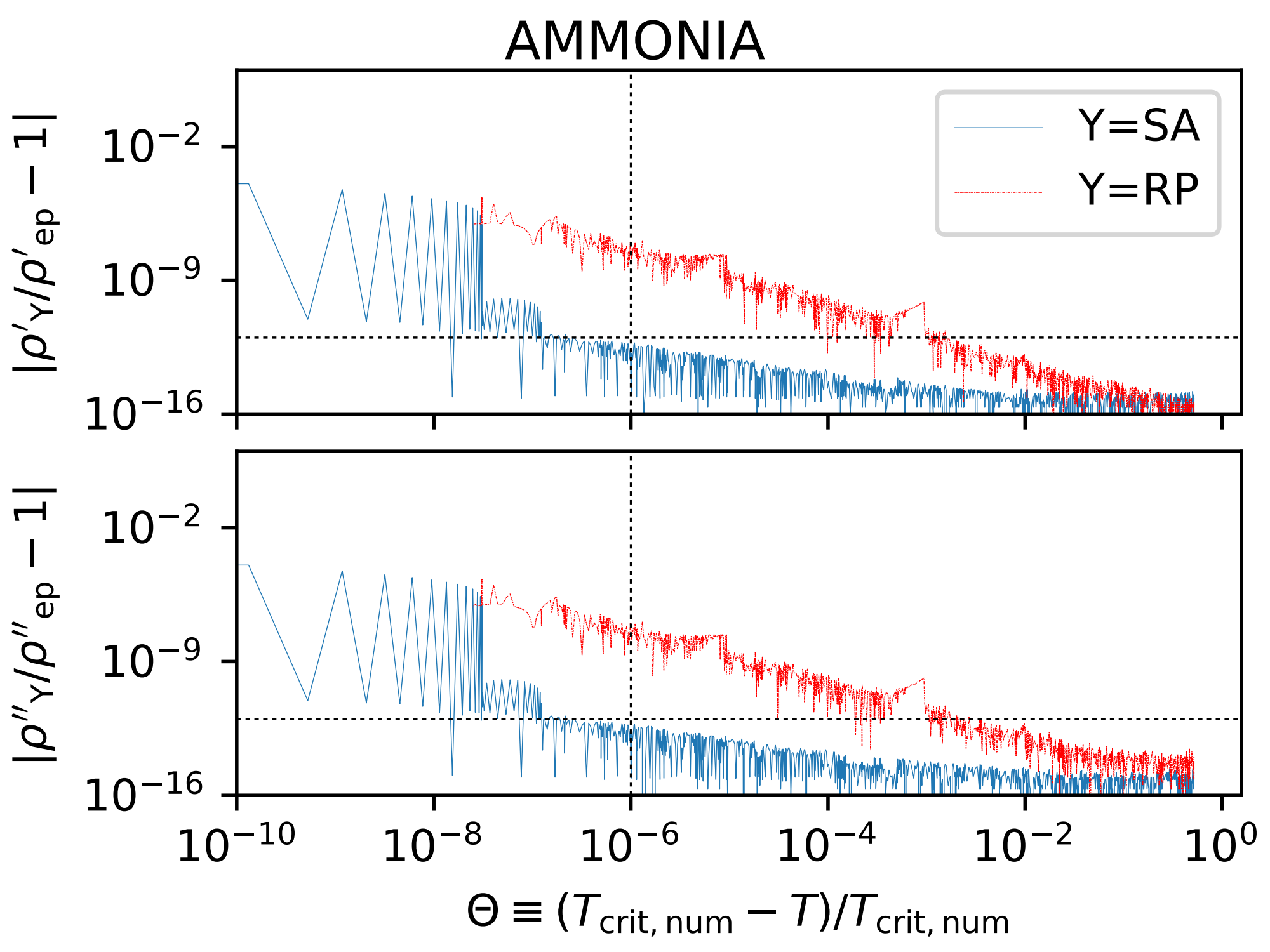

1PENTENE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

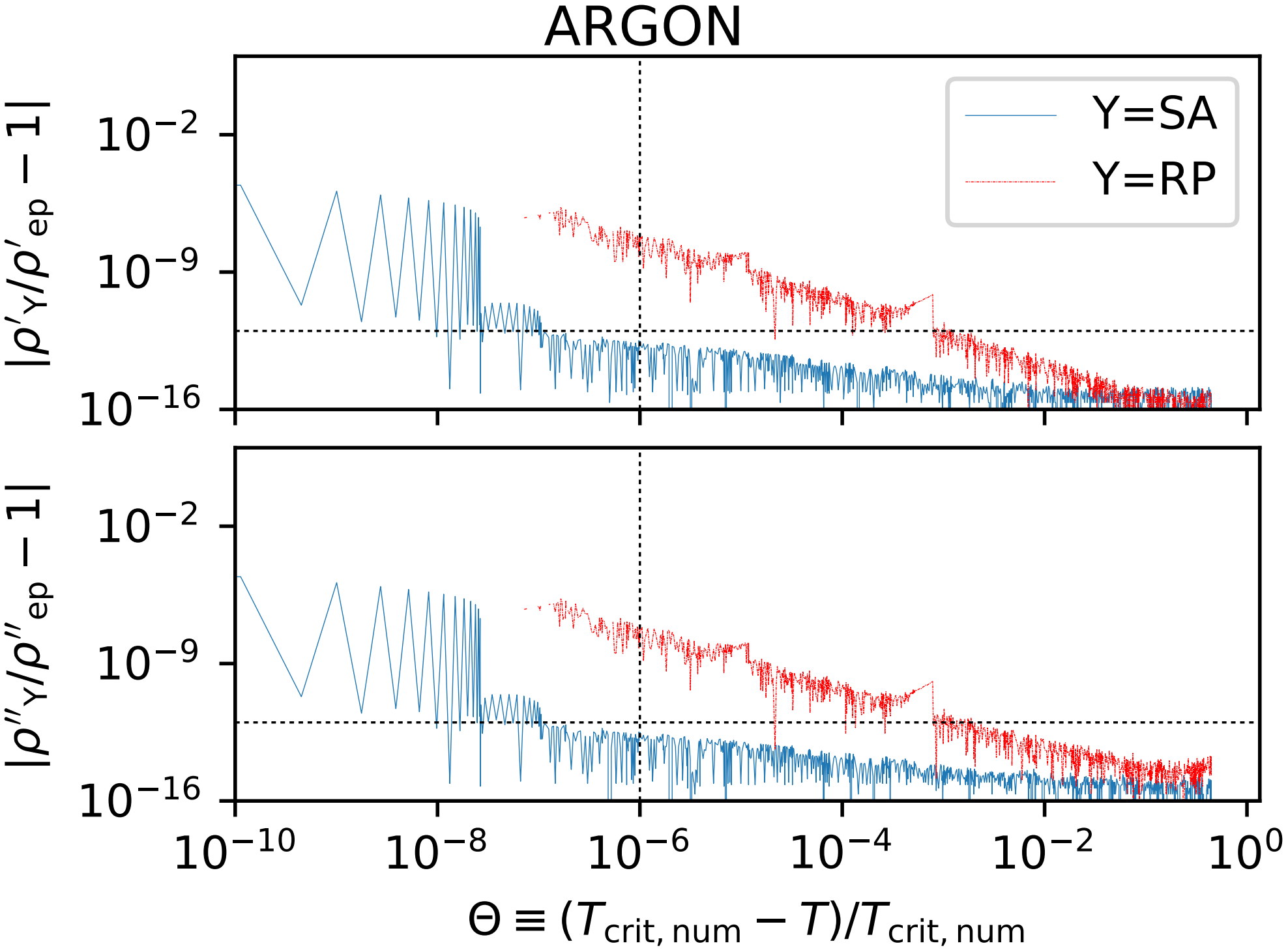

22DIMETHYLBUTANE
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$

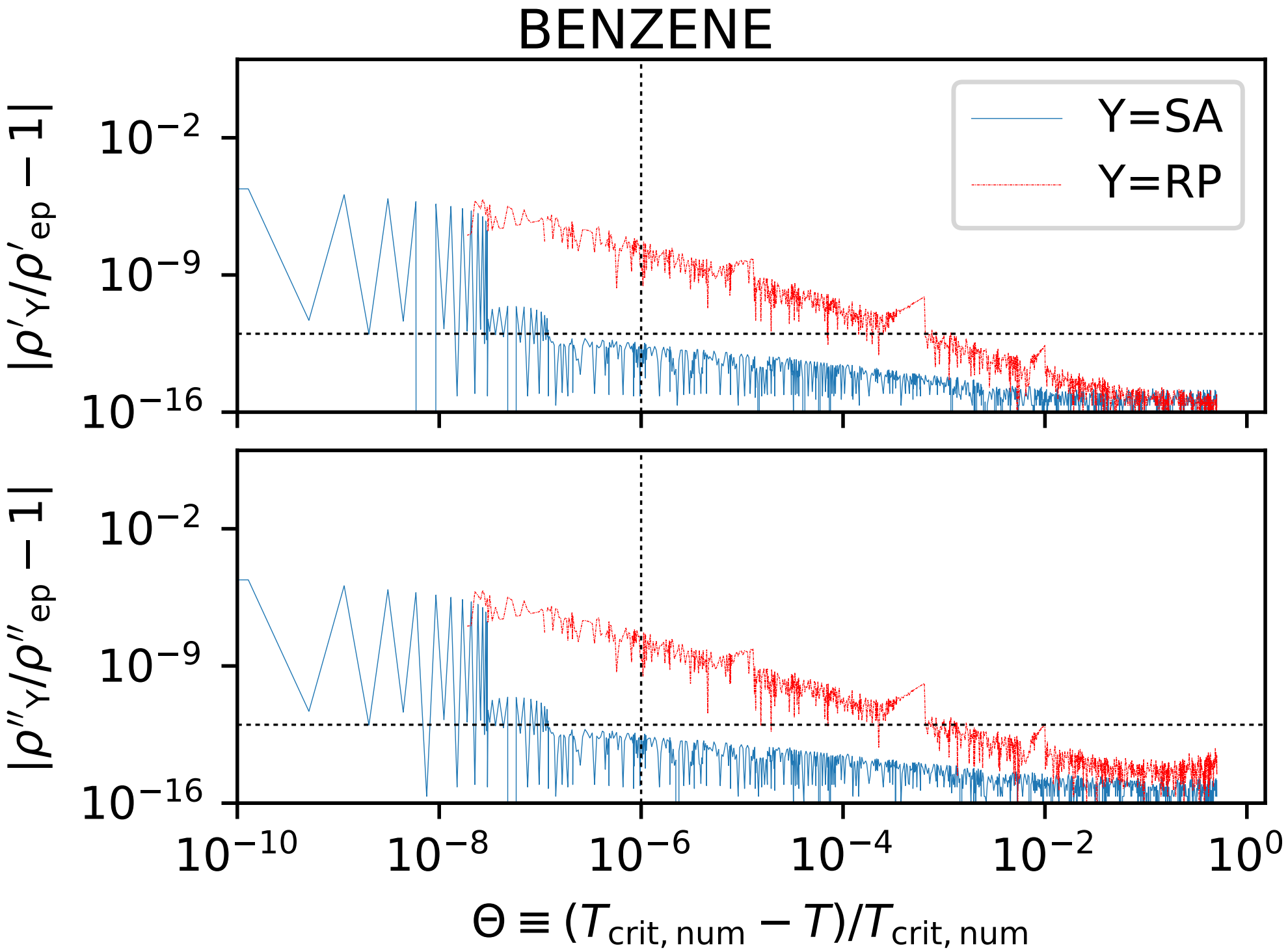

23DIMETHYLBUTANE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

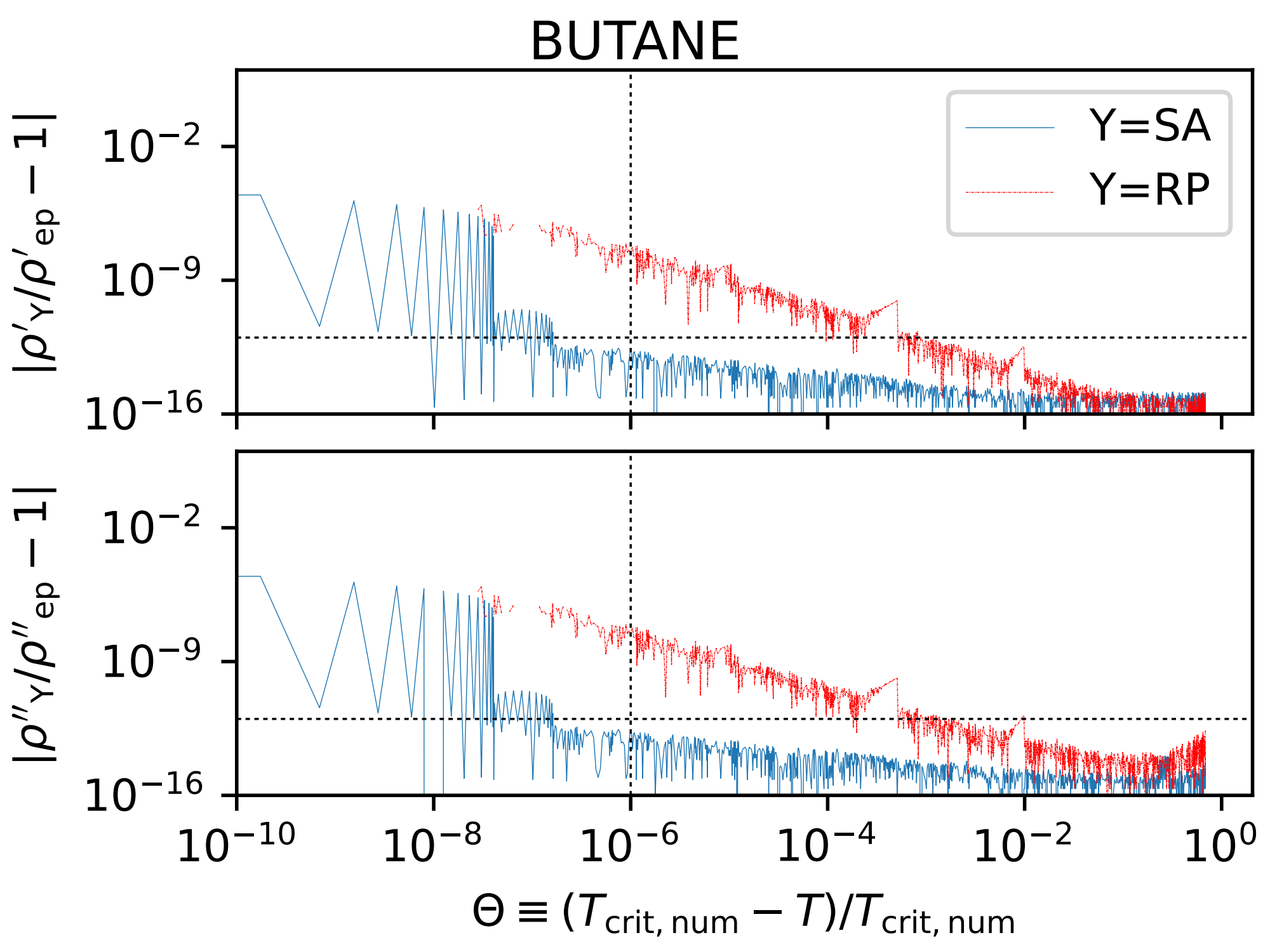

ACETONE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

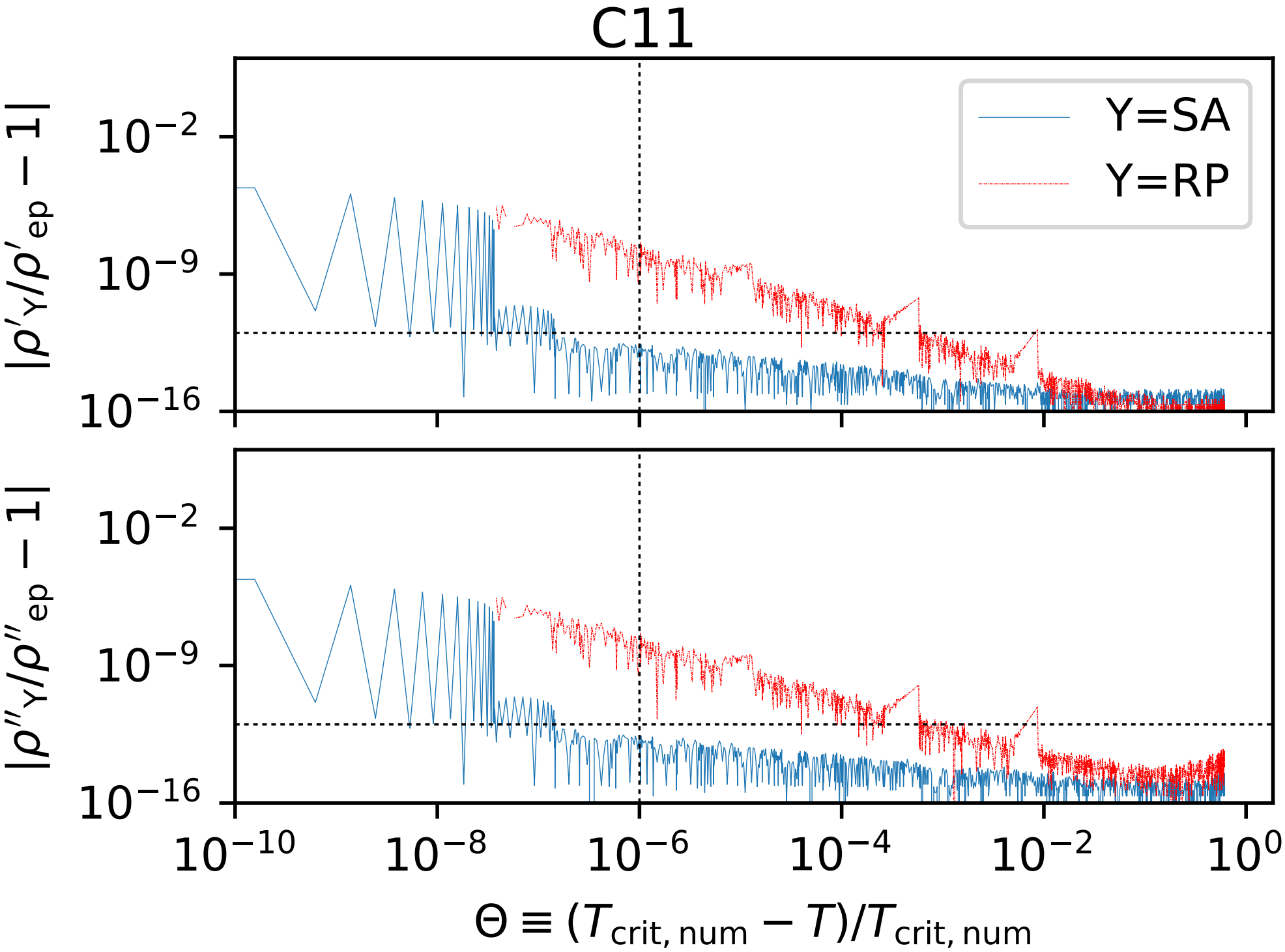

ACETYLENE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

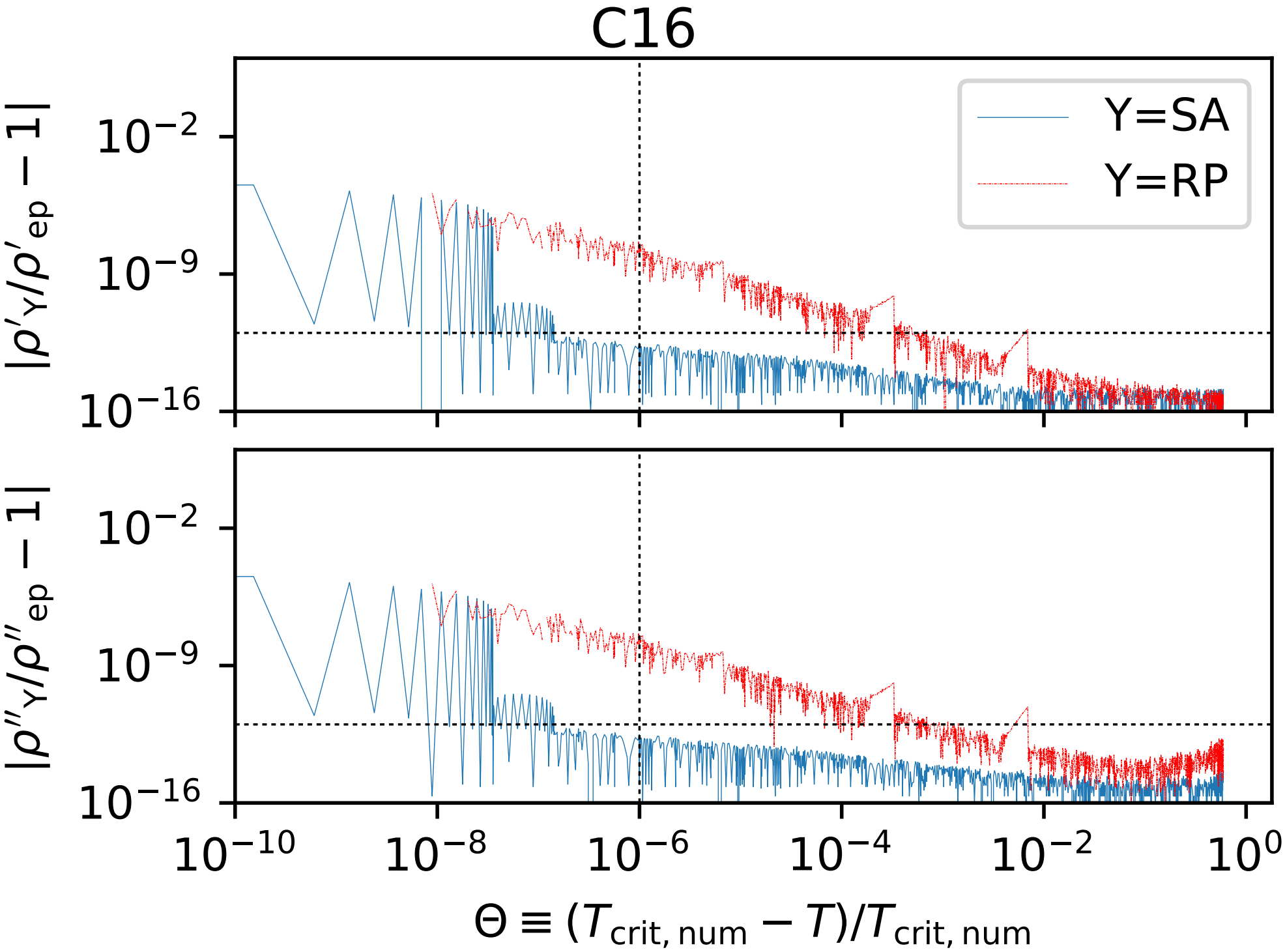

AMMONIA
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

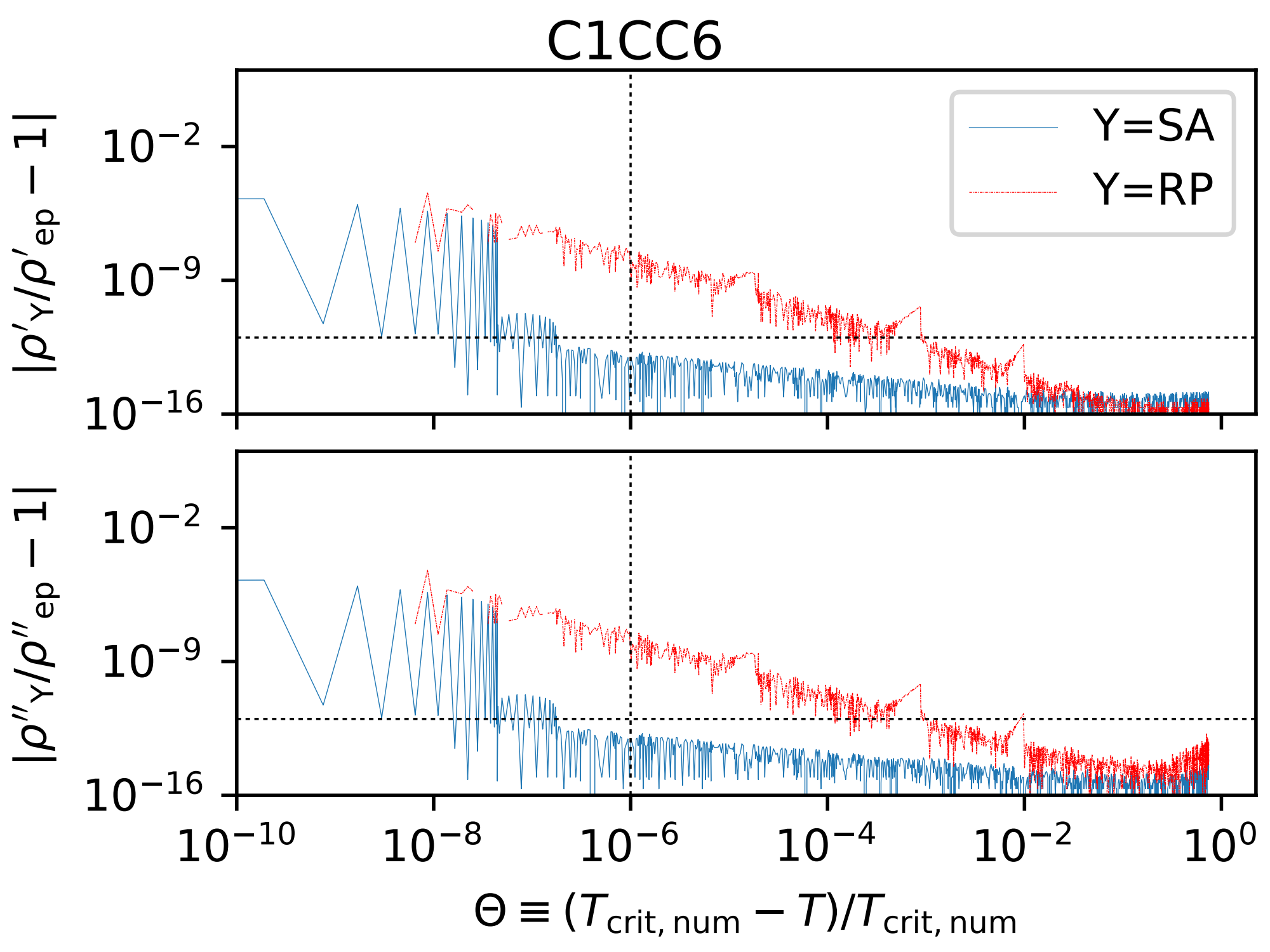

ARGON
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

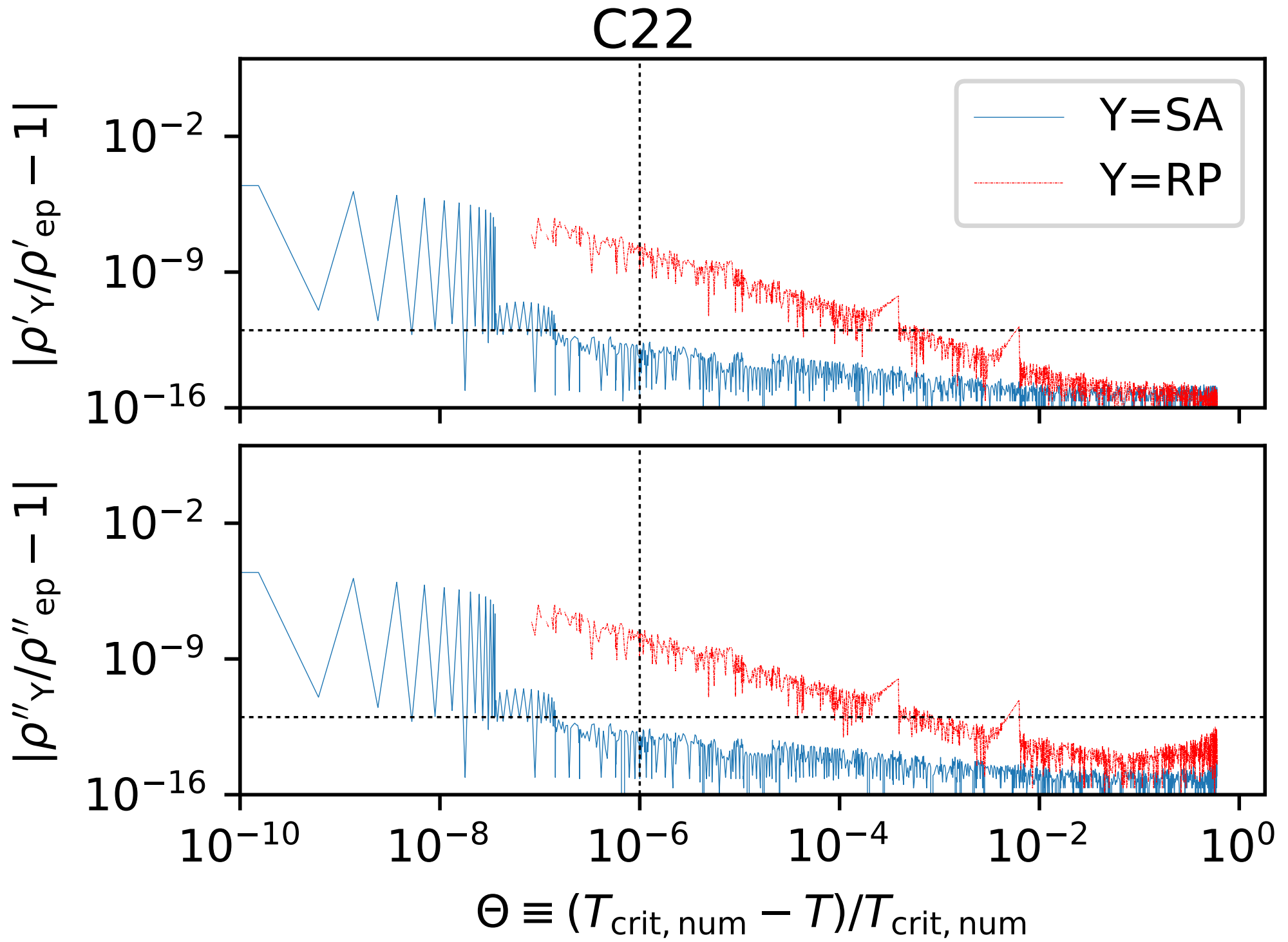

BENZENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

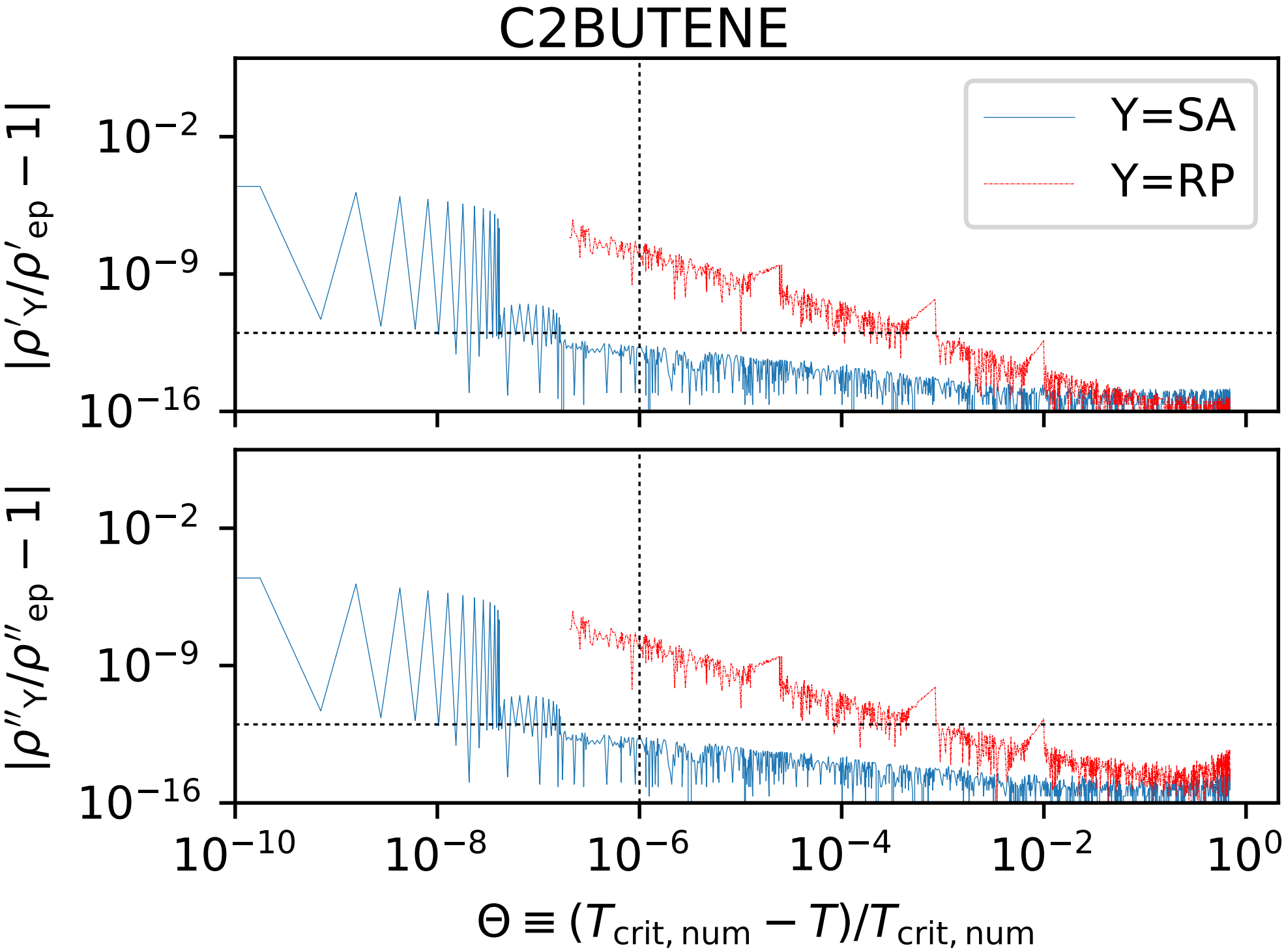

BUTANE
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$

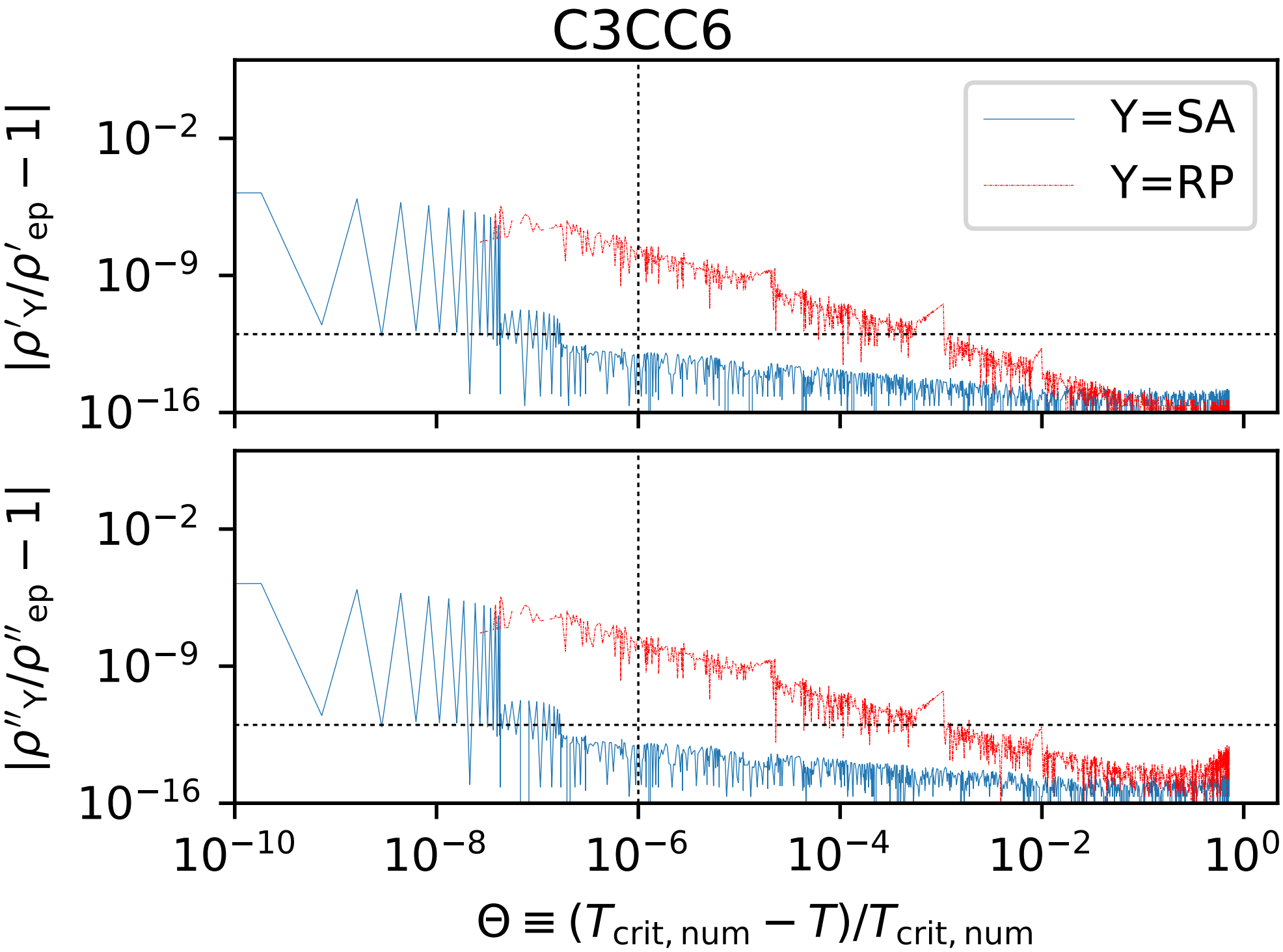

C11
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

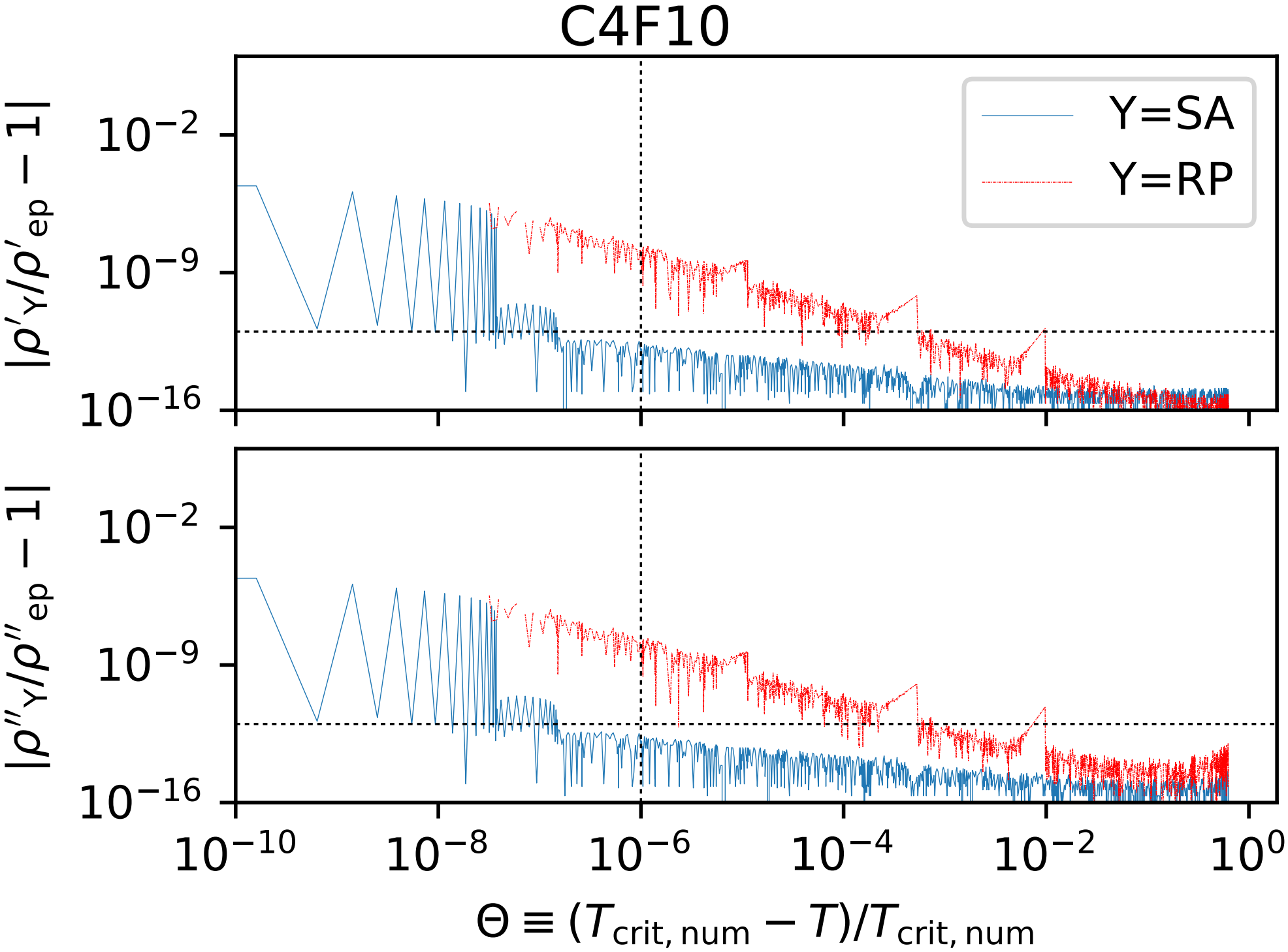

C16
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

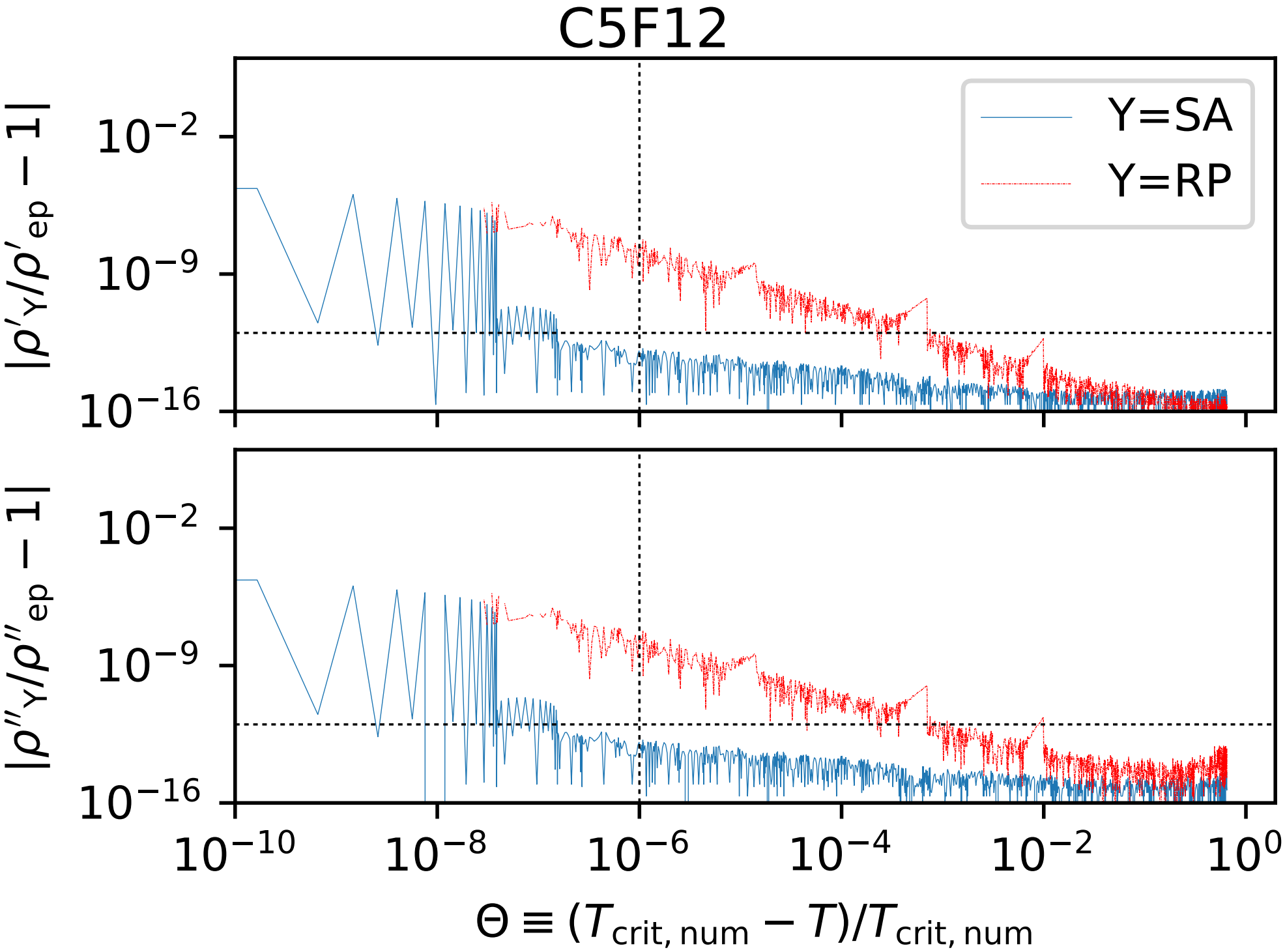

C1CC6
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

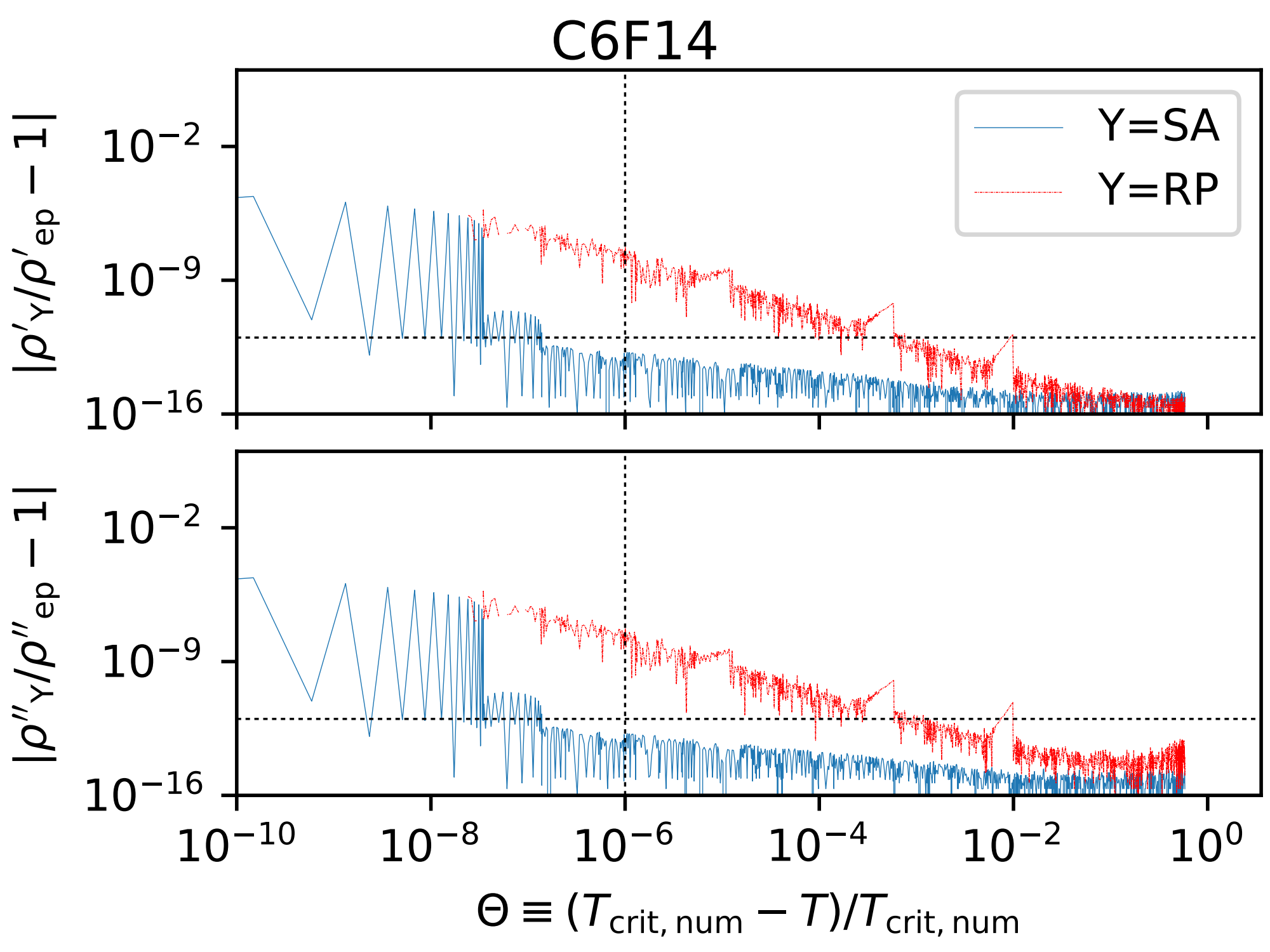

C22
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

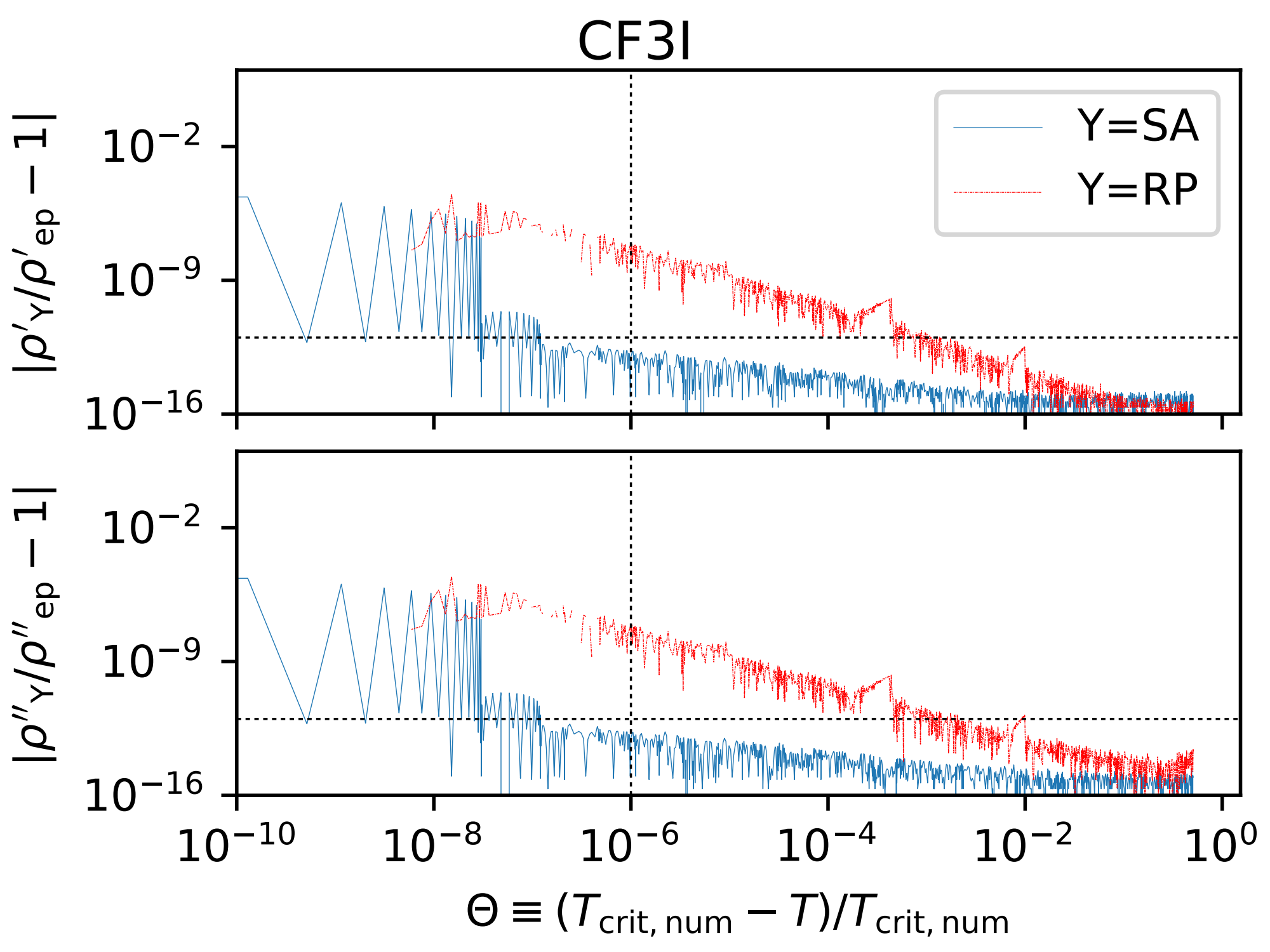

C2BUTENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

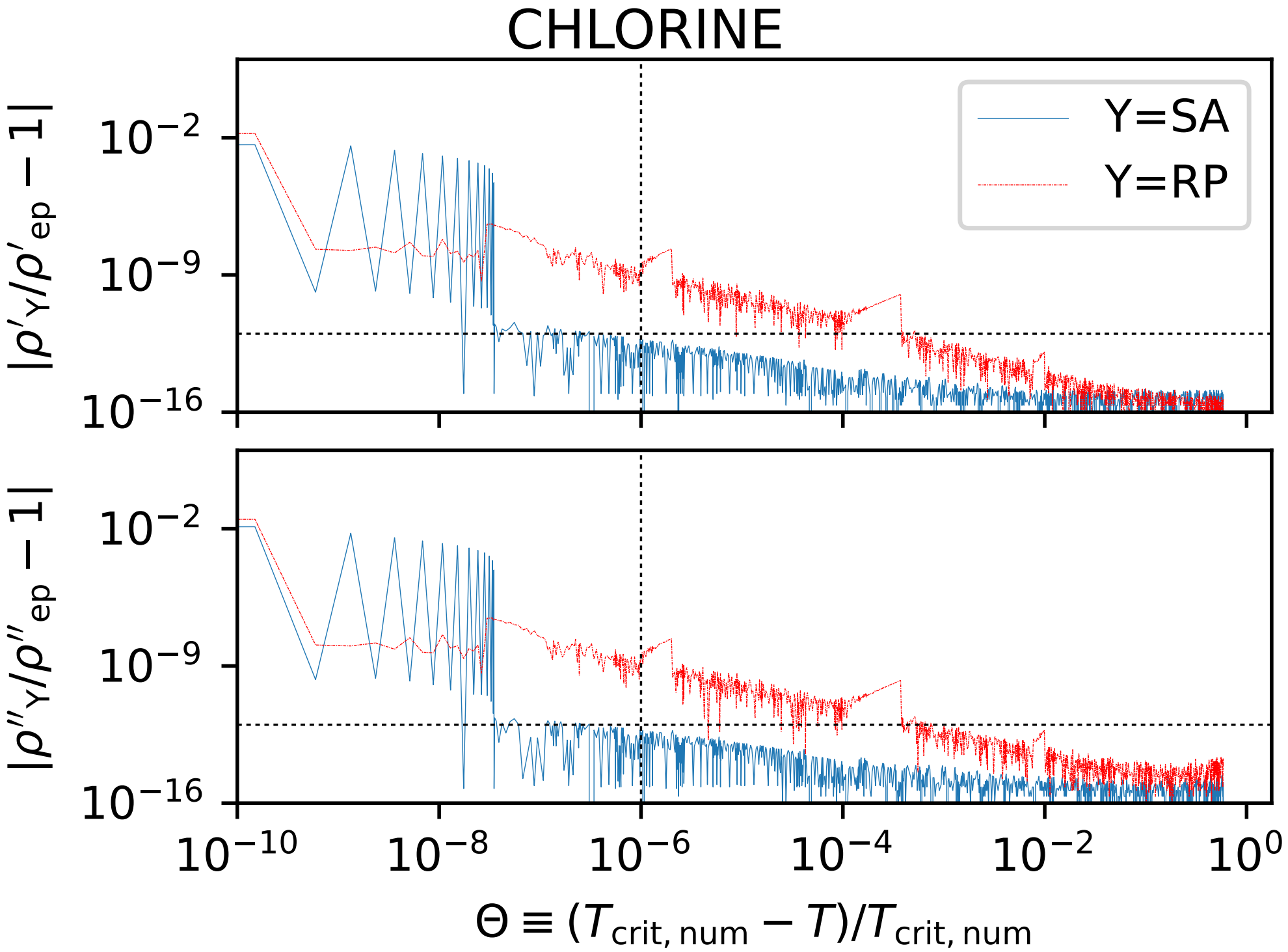

C3CC6
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

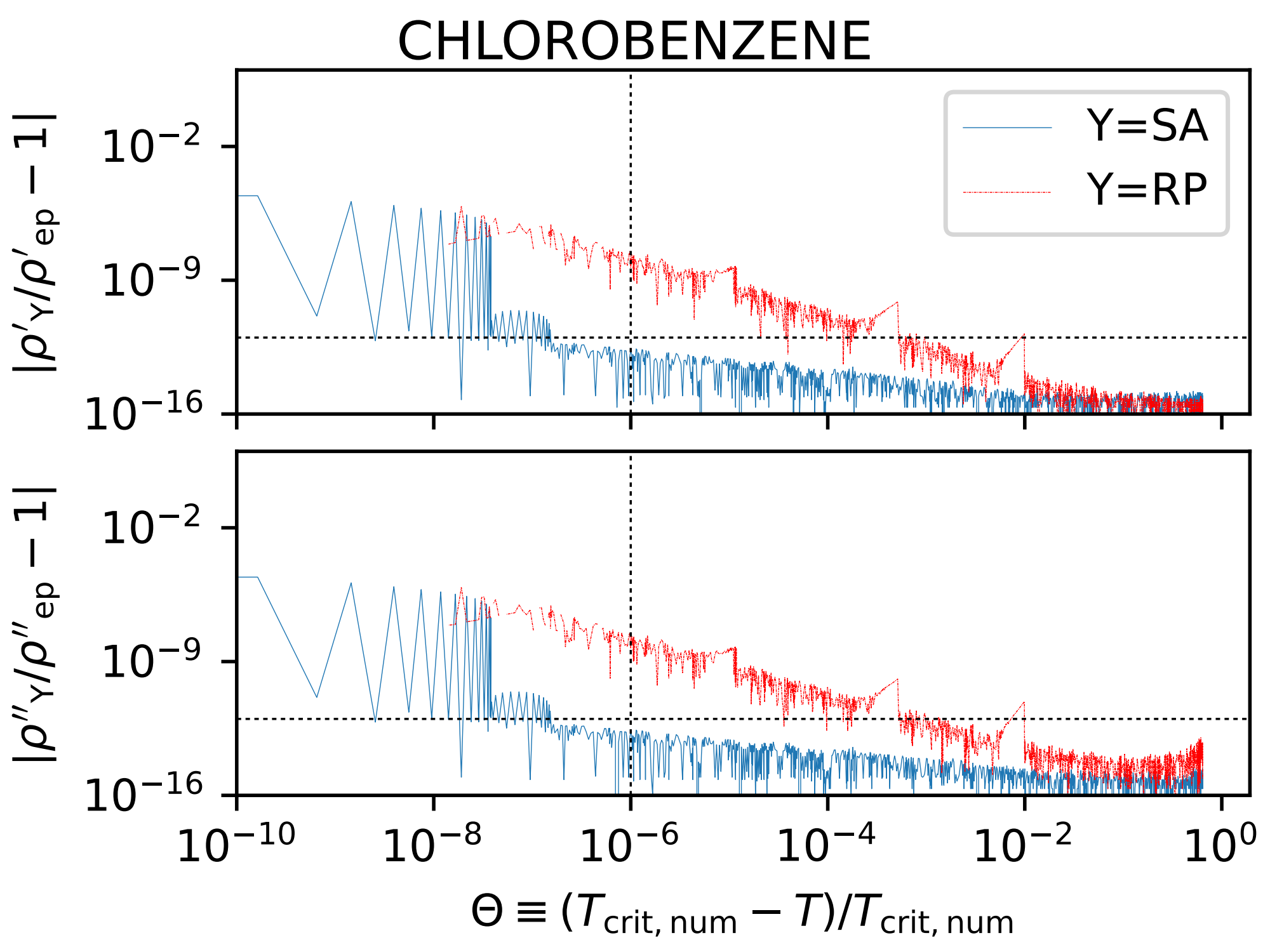

C4F10
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

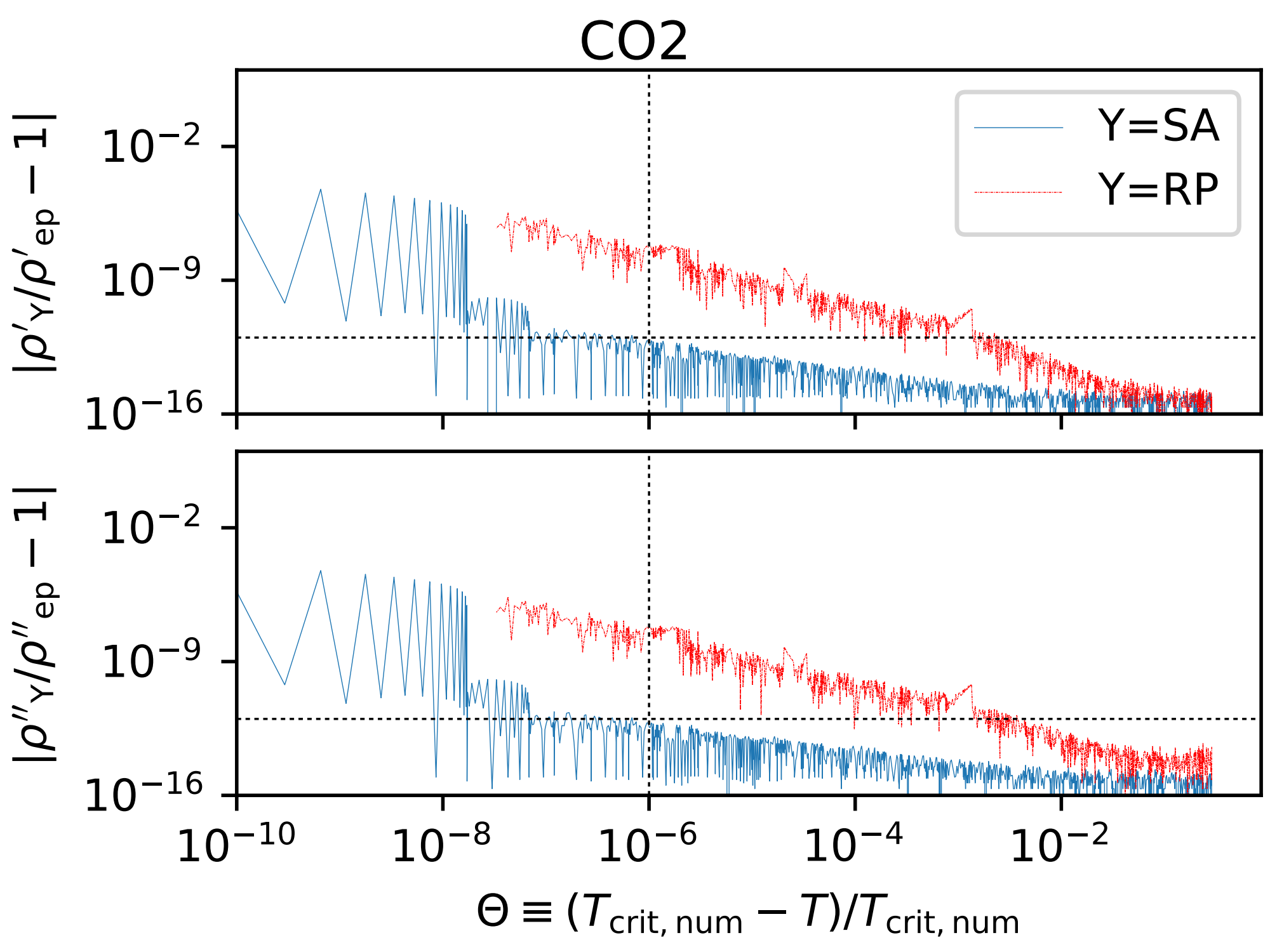

C5F12
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

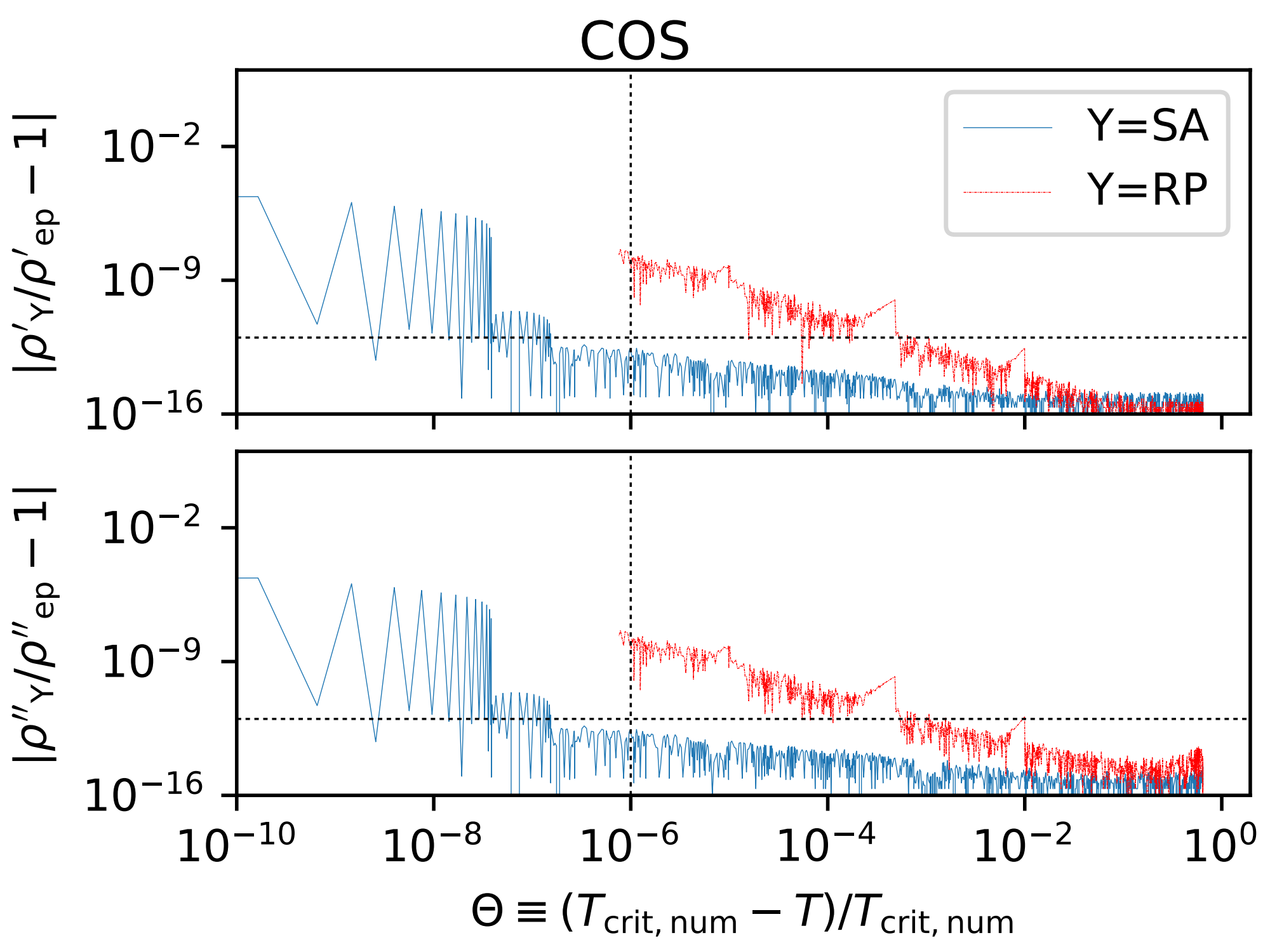

C6F14
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

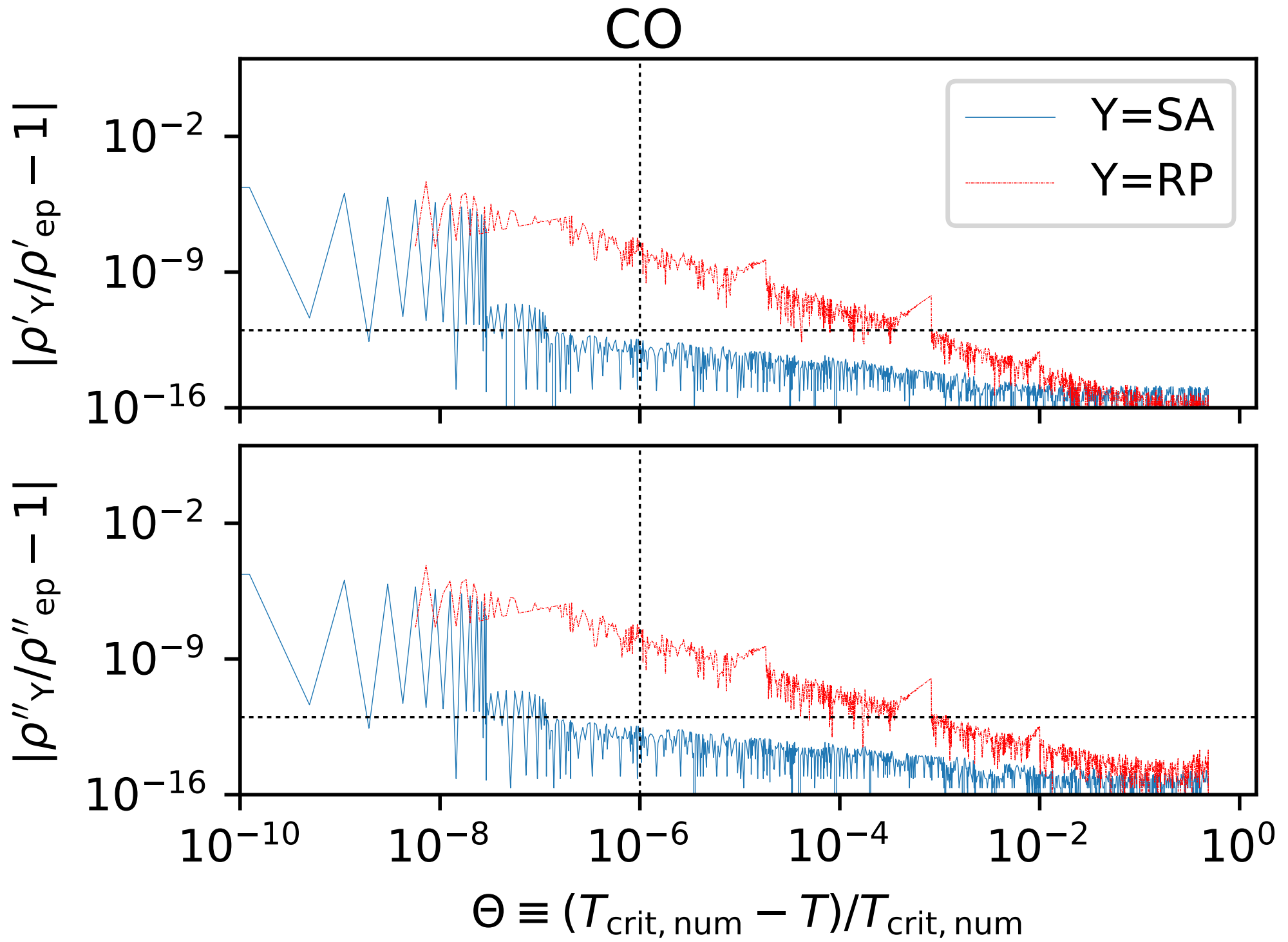

CF3I
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

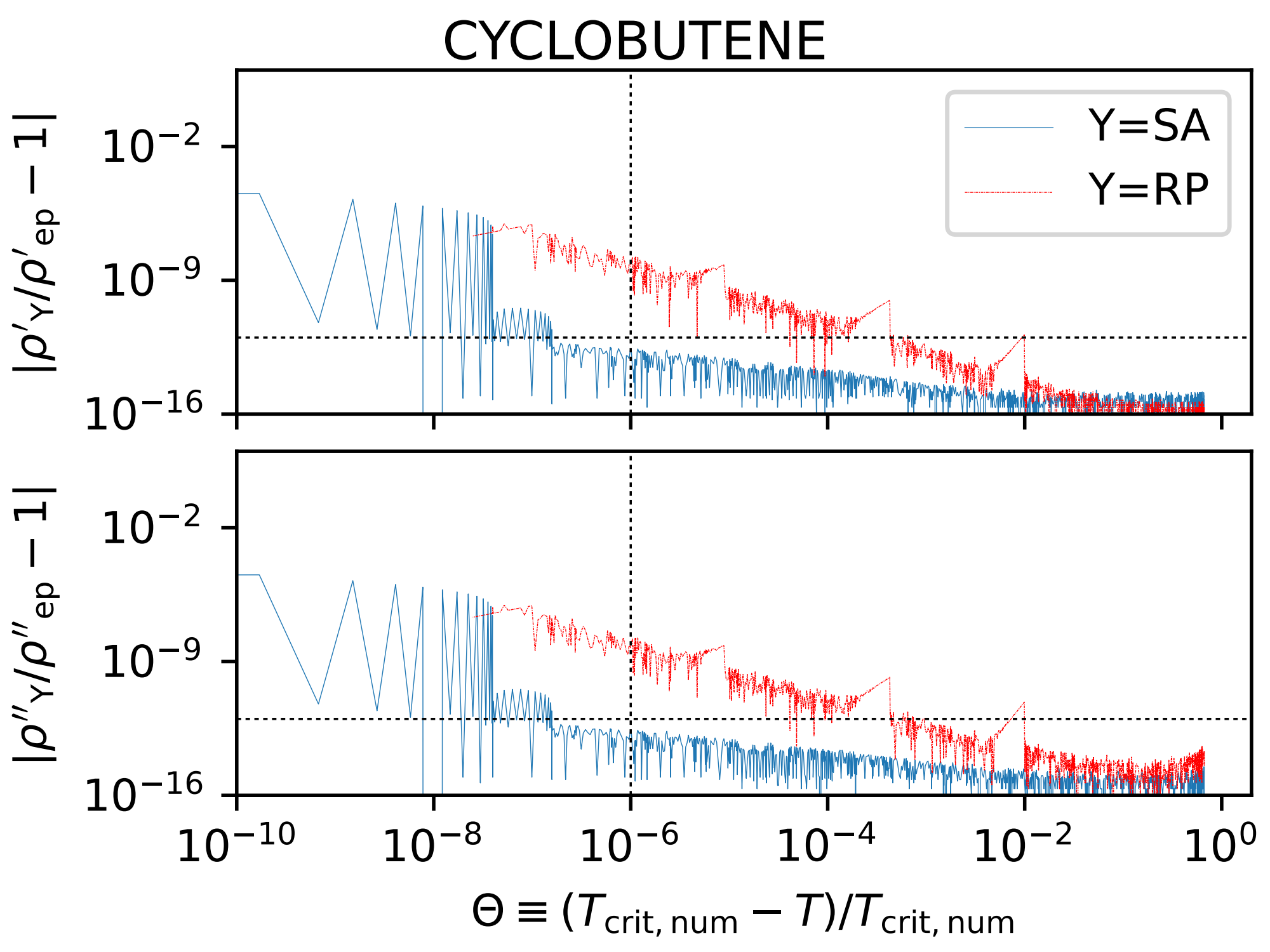

CHLORINE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

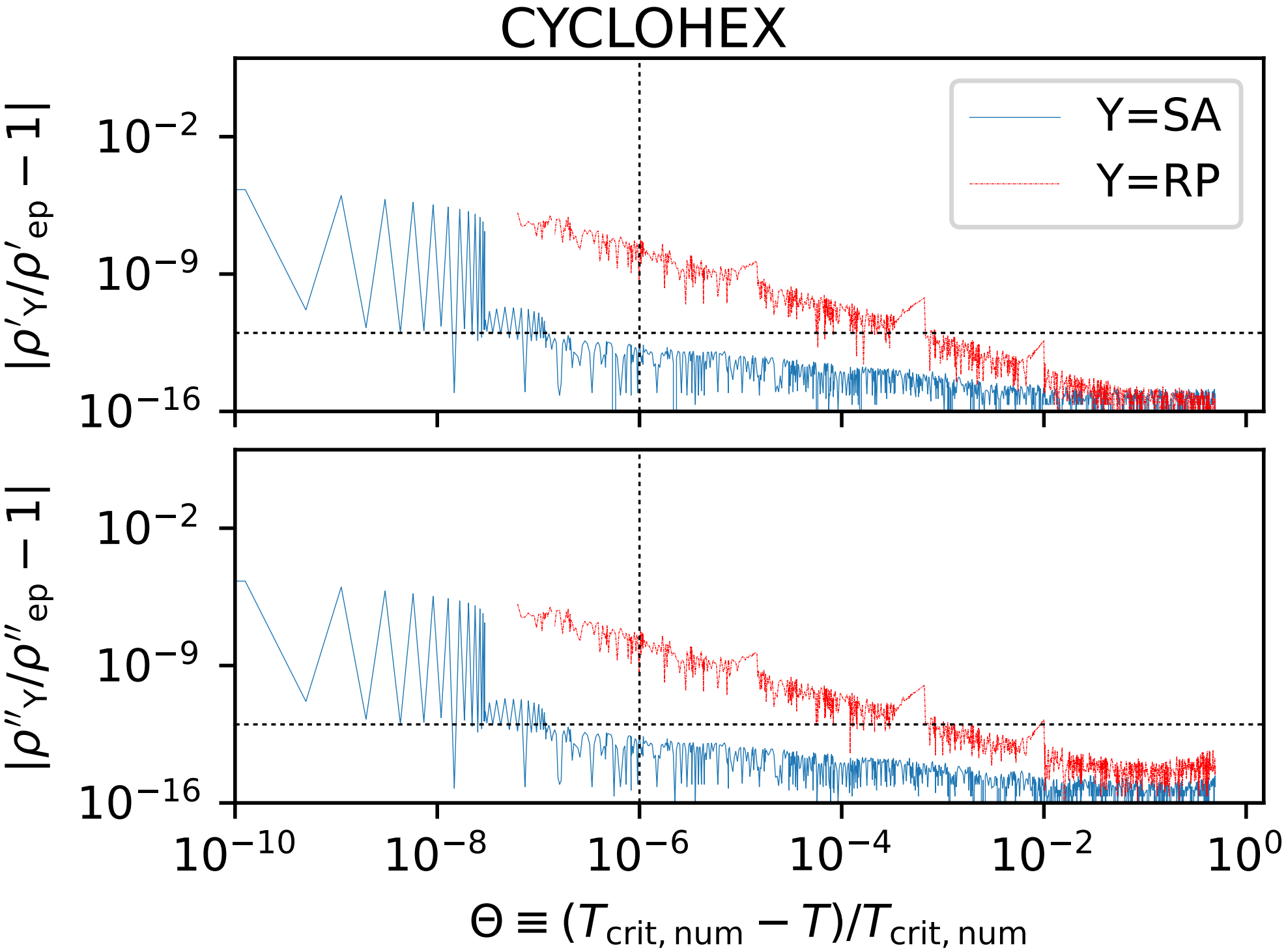

CHLOROBENZENE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

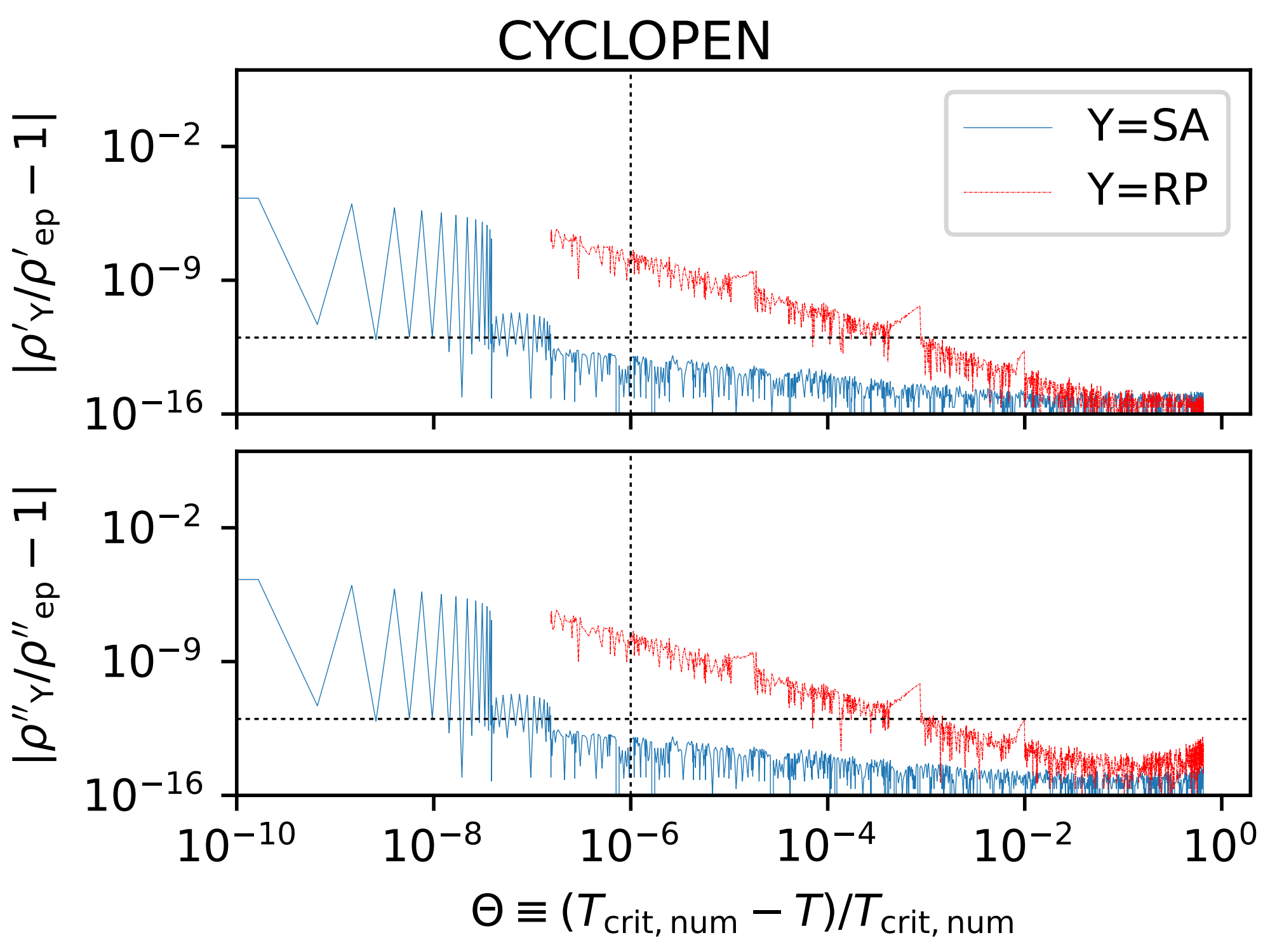

CO2
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

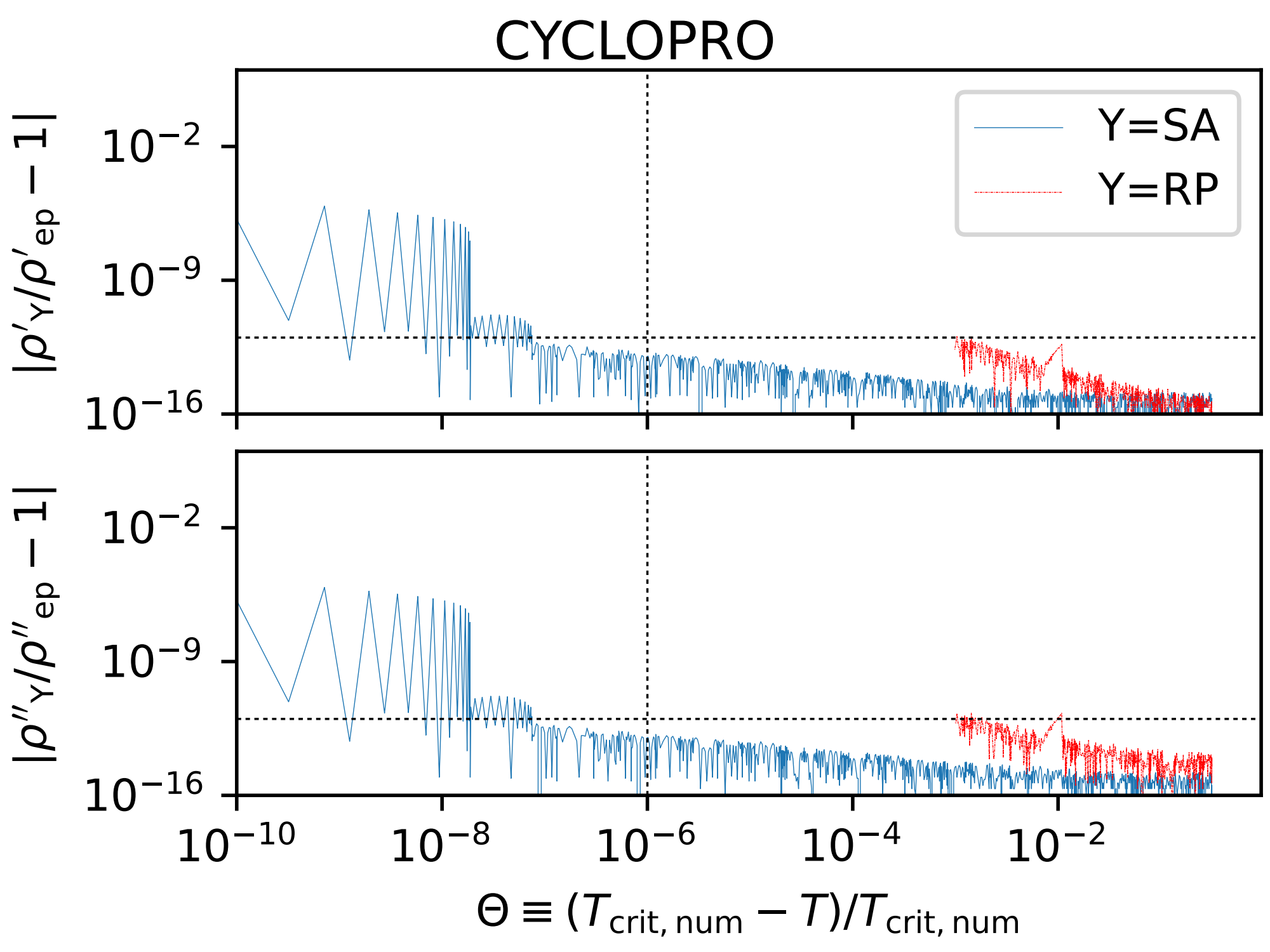

COS
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

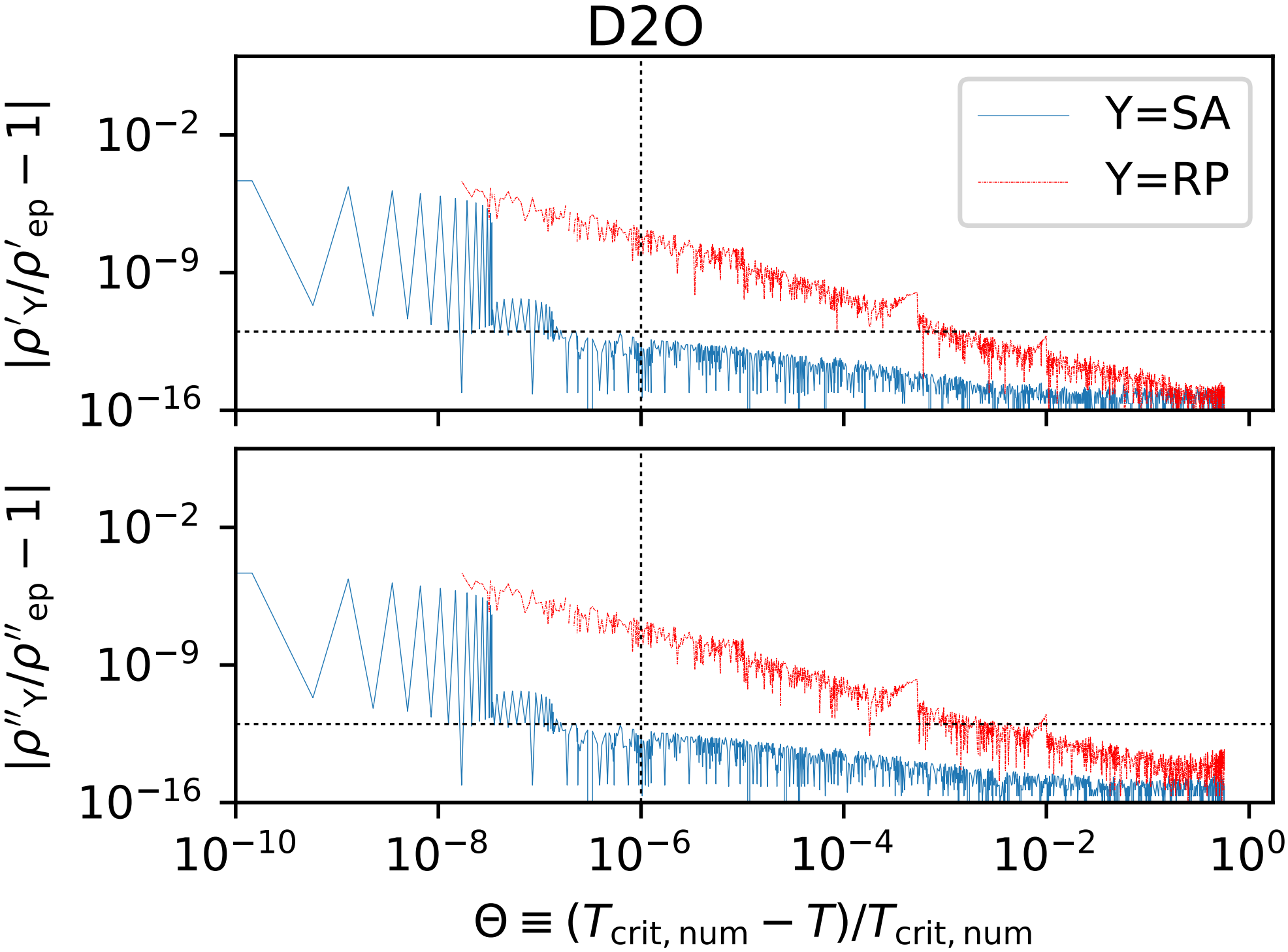

CO
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

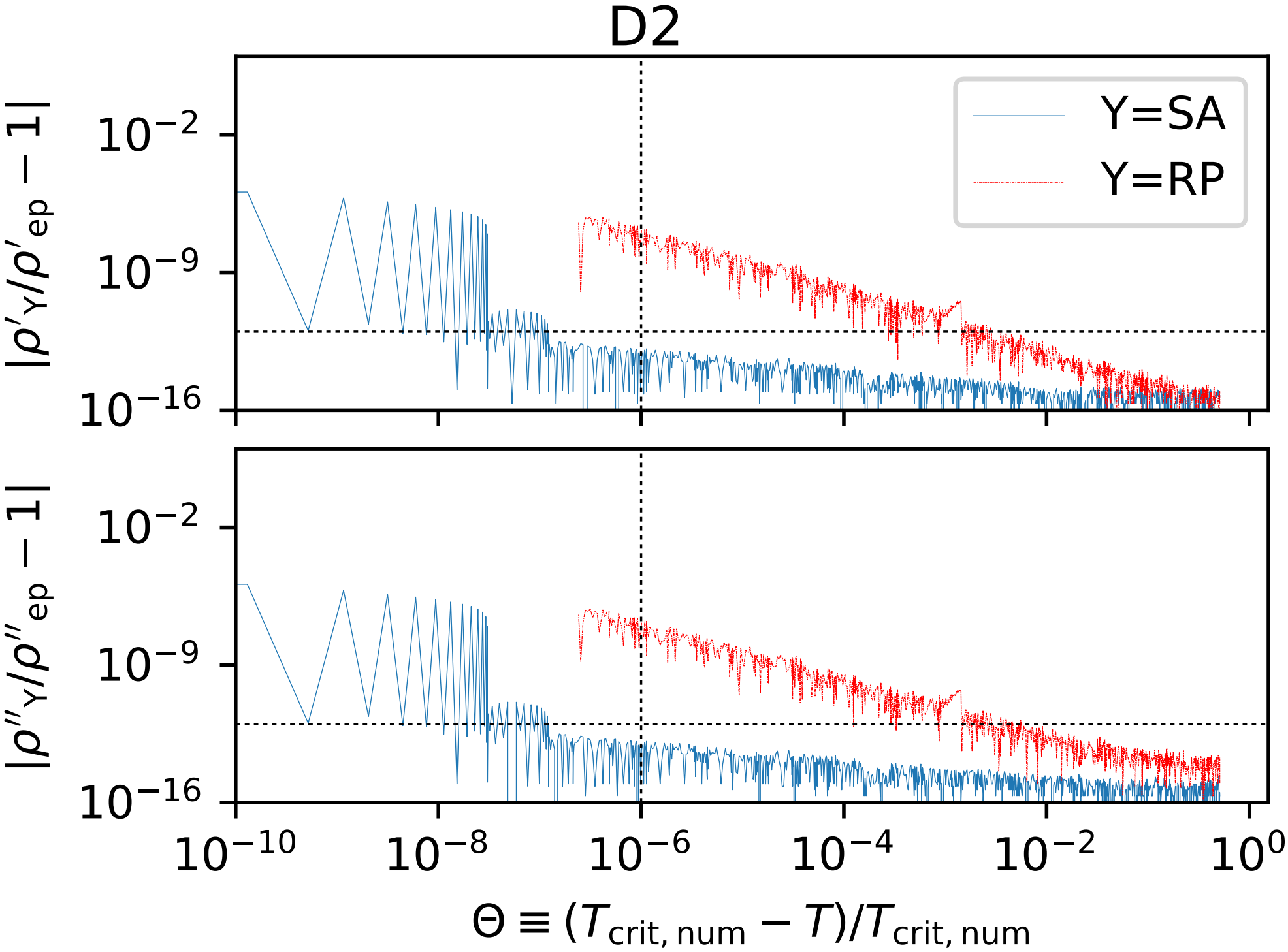

CYCLOBUTENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

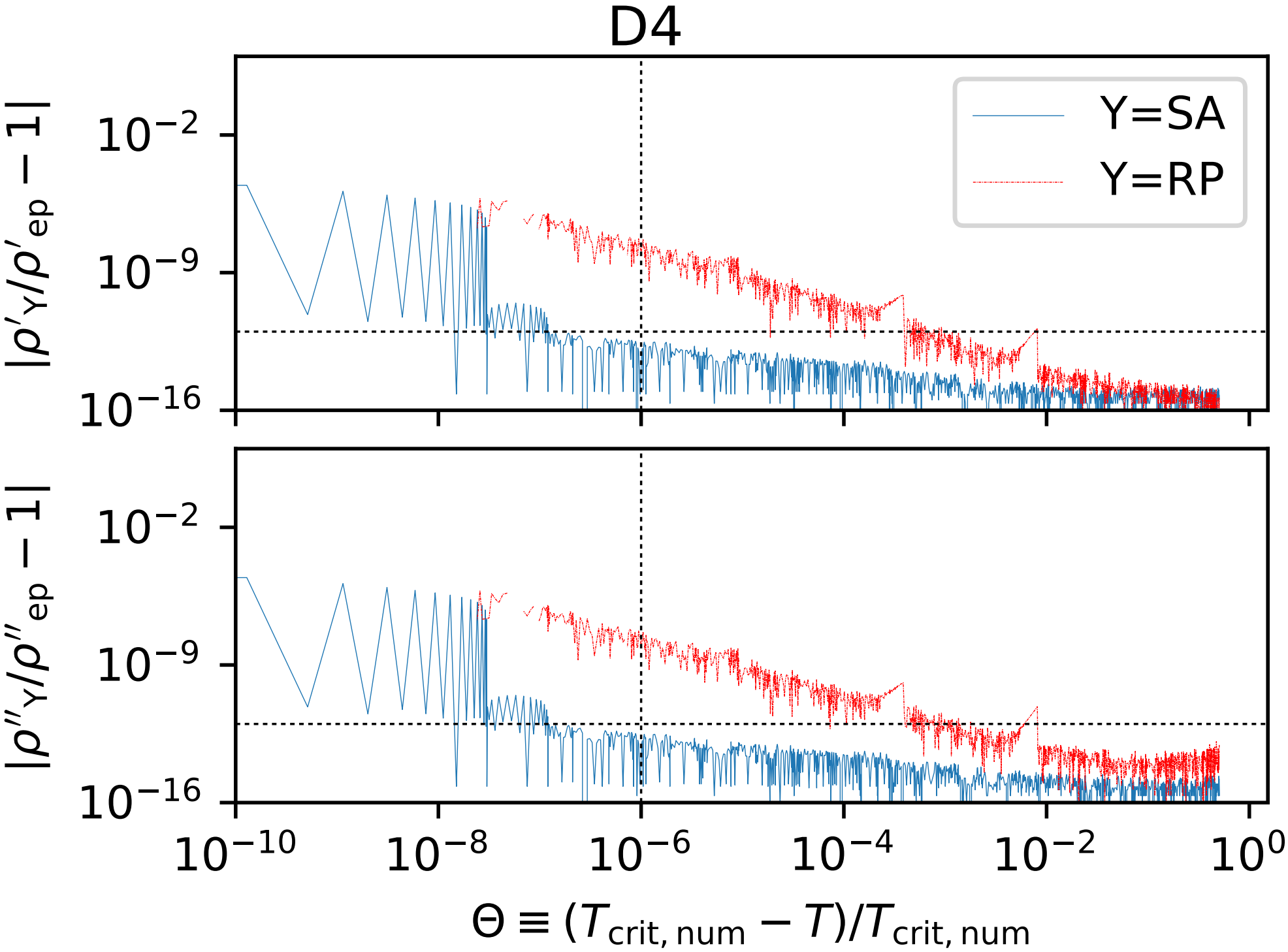

CYCLOHEX
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

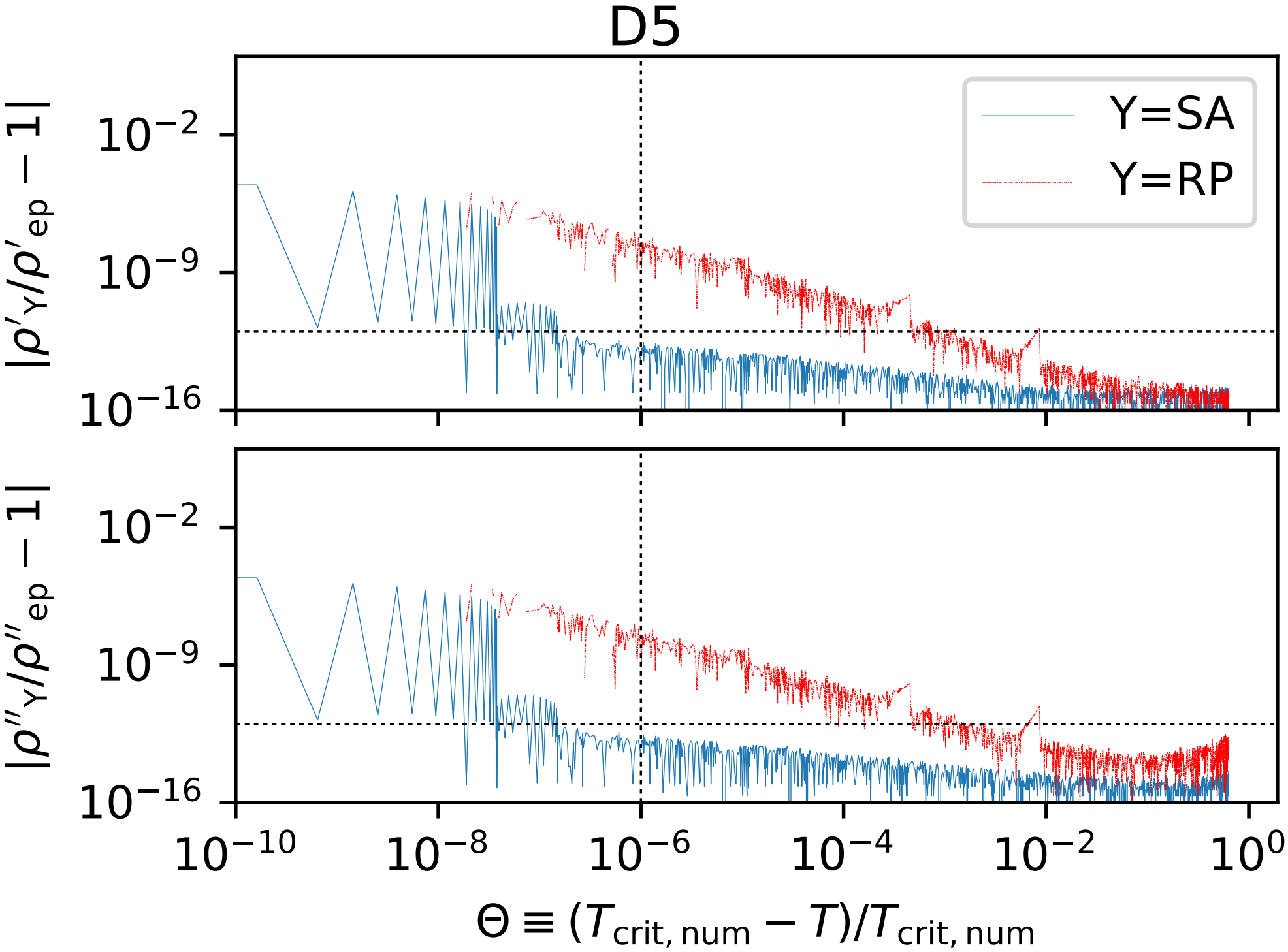

CYCLOPEN
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

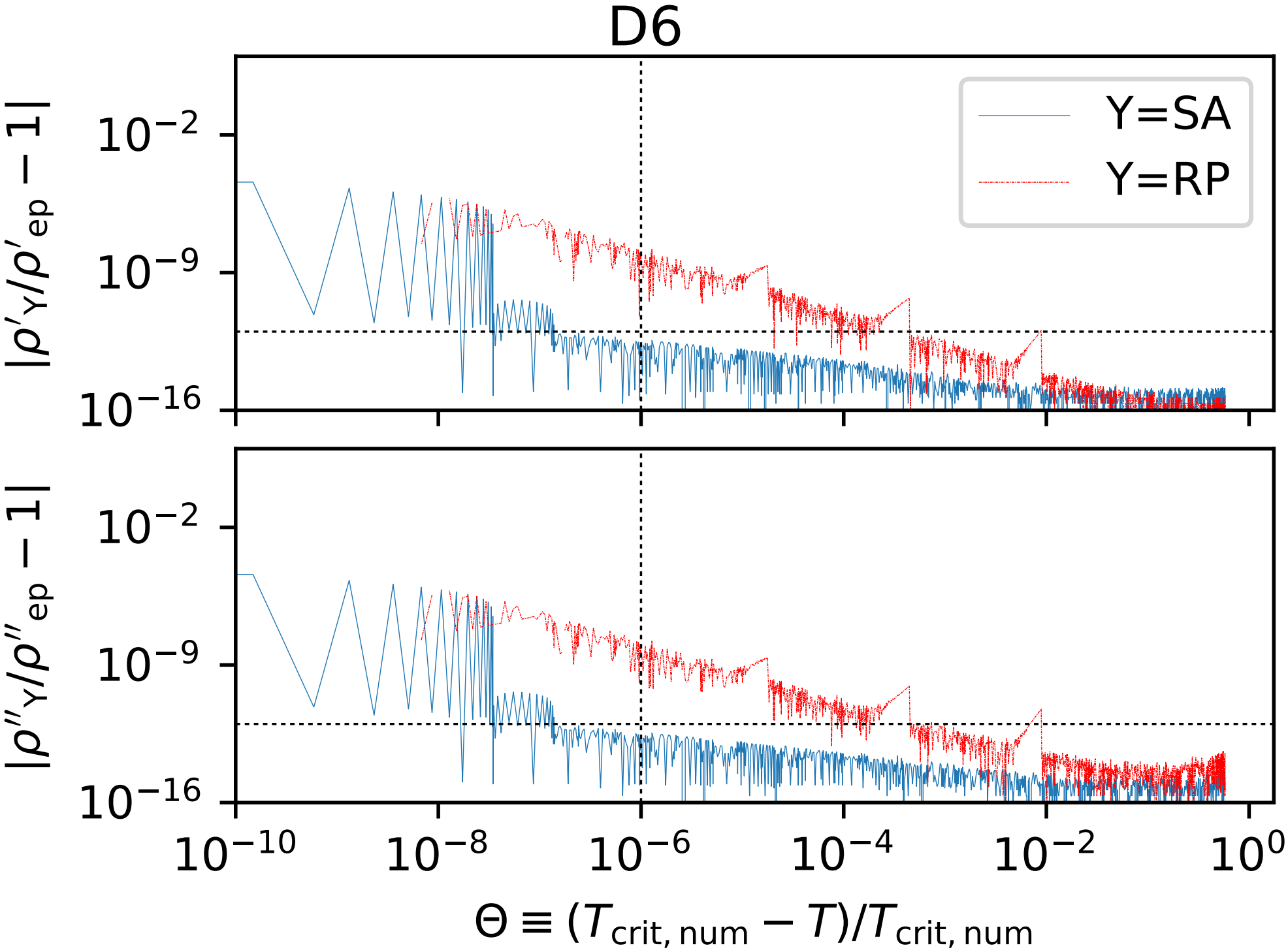

CYCLOPRO
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

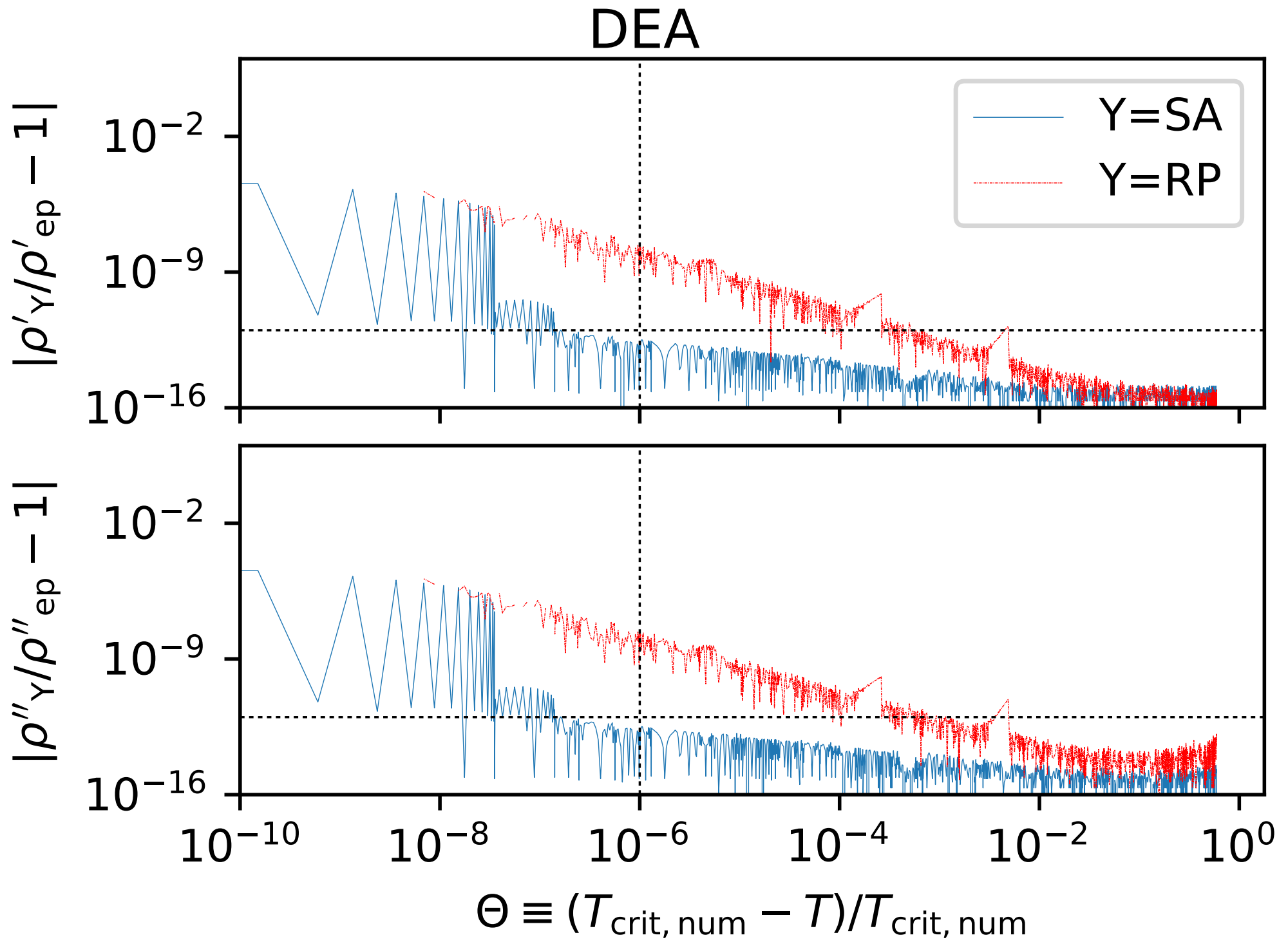

D2O
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

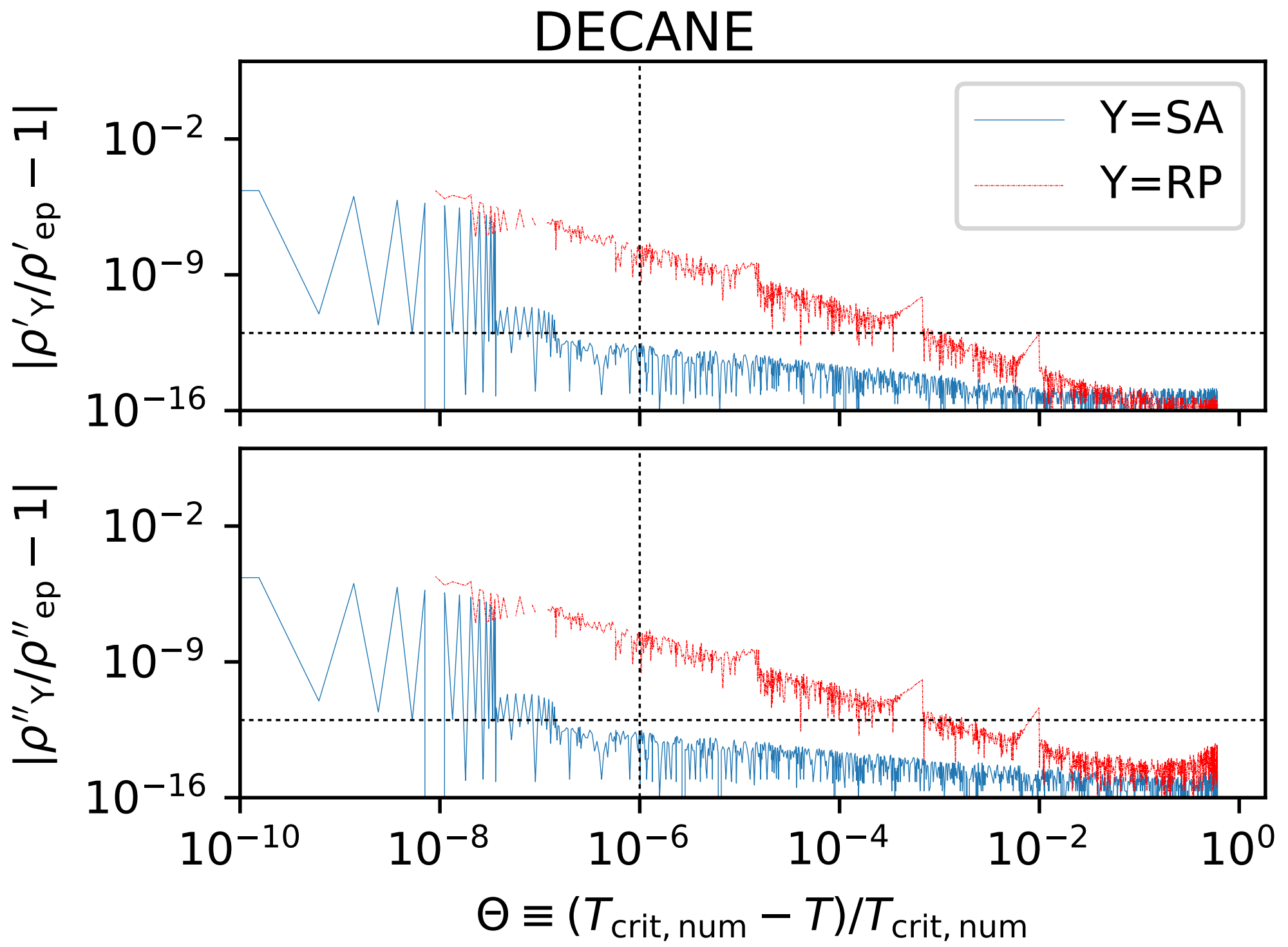

D2
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

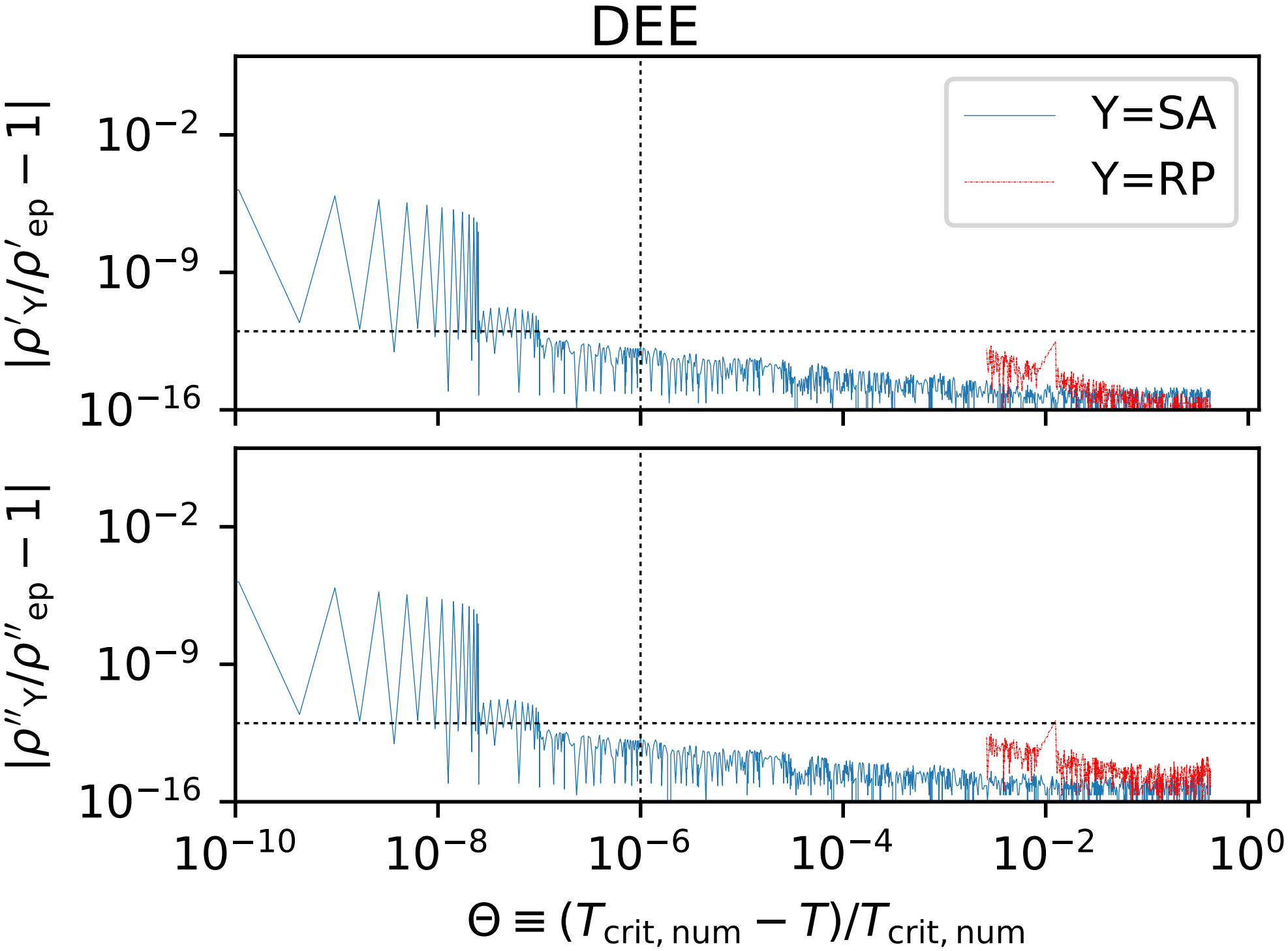

D4
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

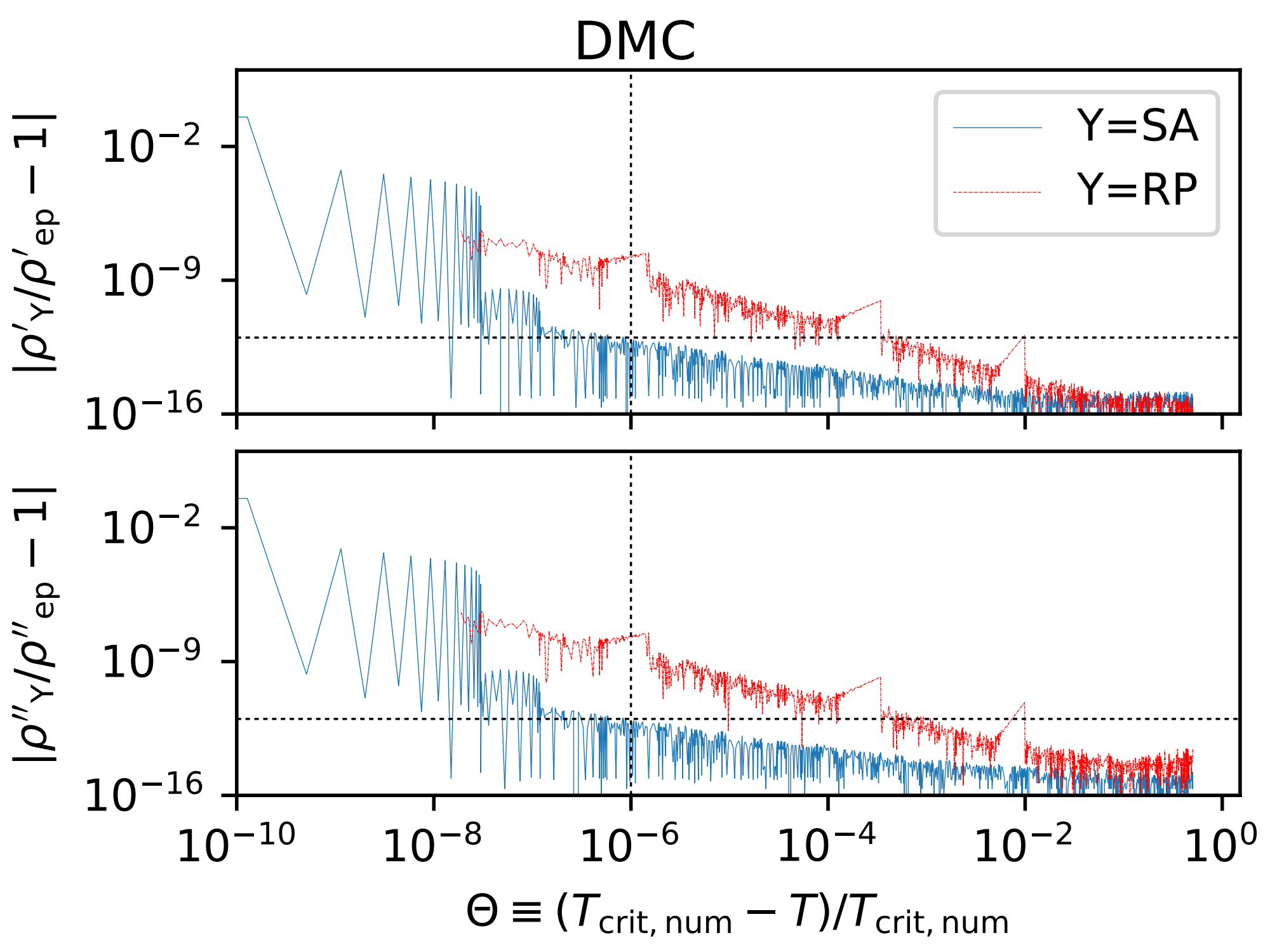

D5
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

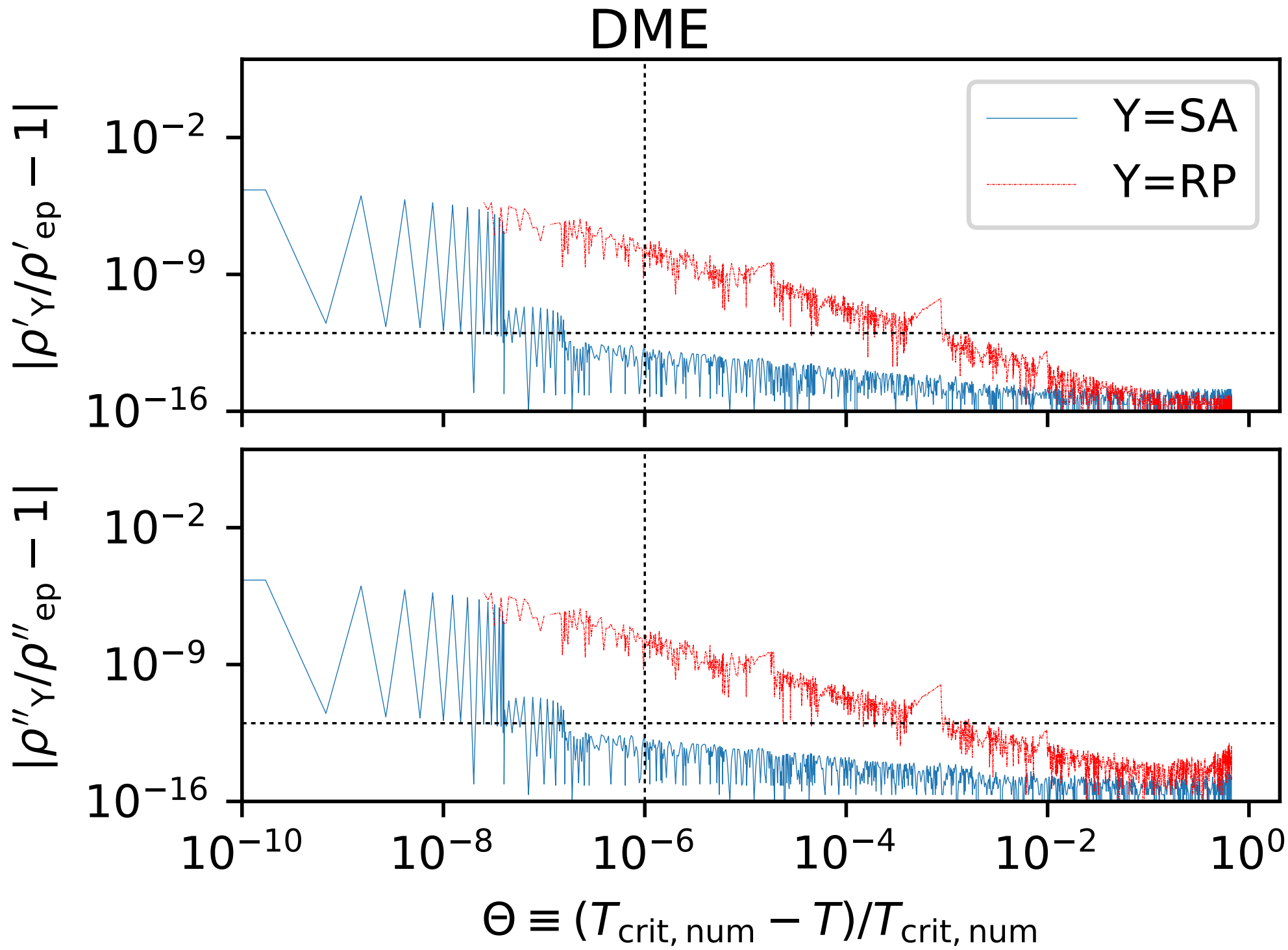

D6
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

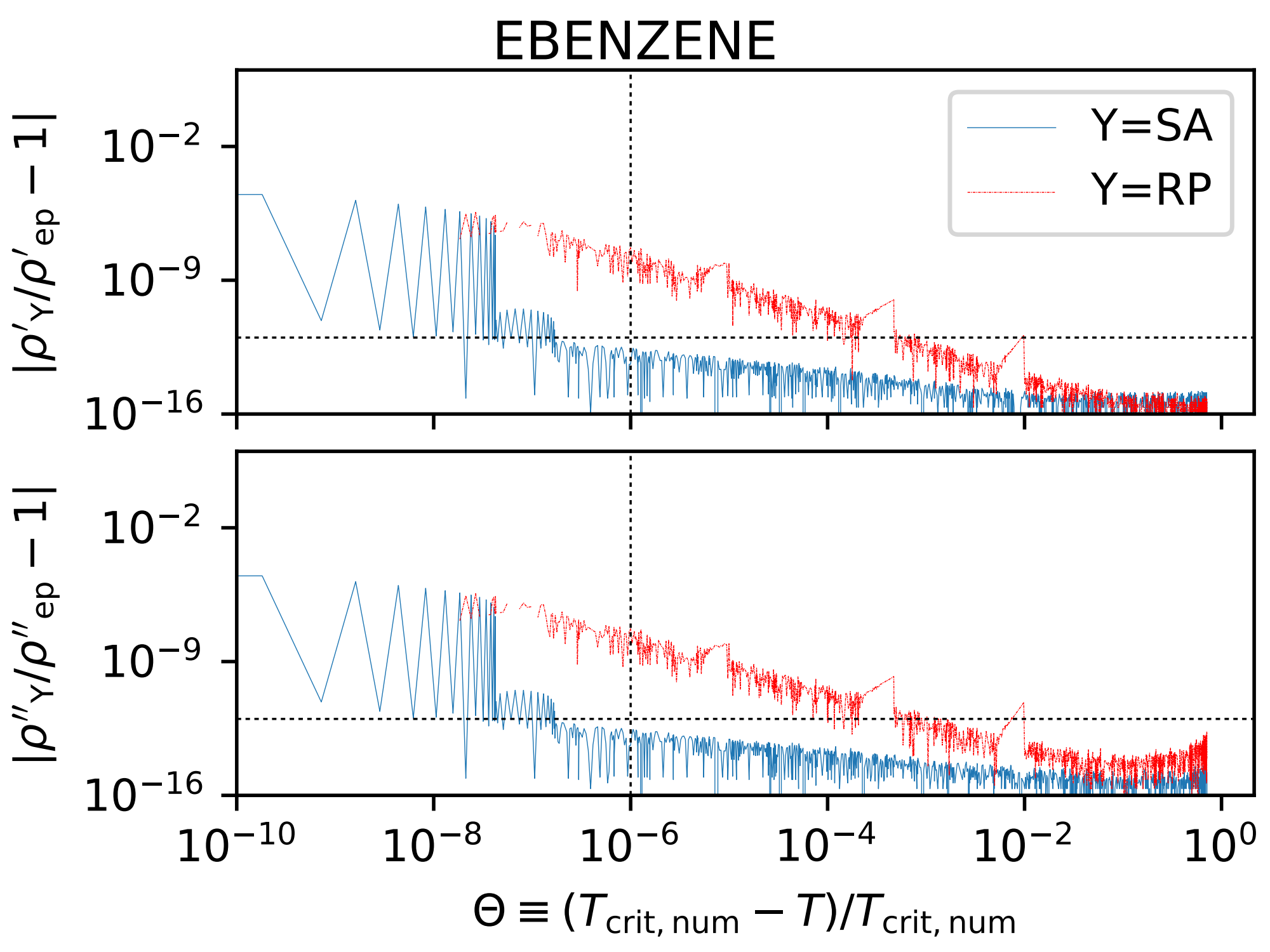

DEA
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

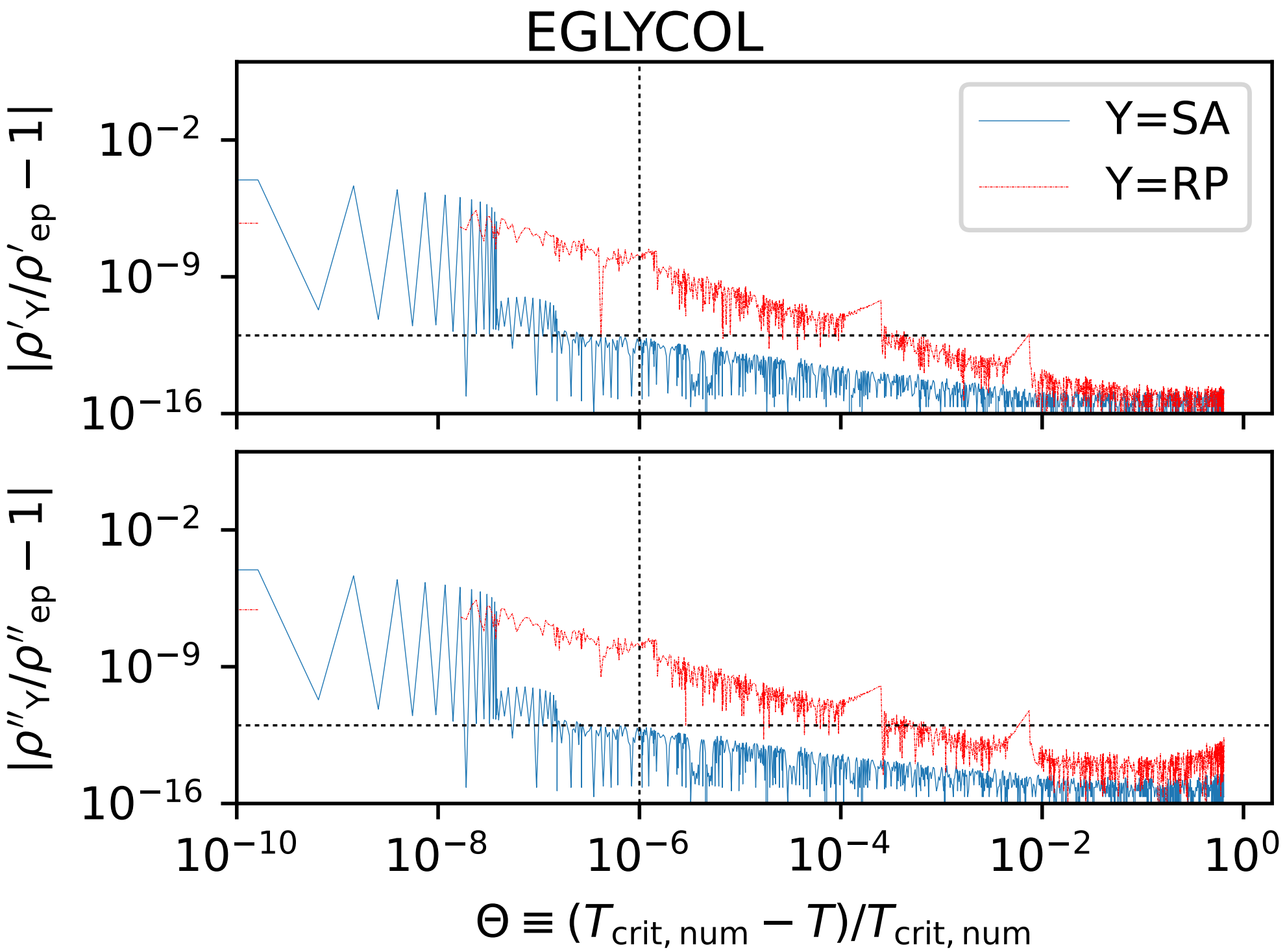

DECANE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

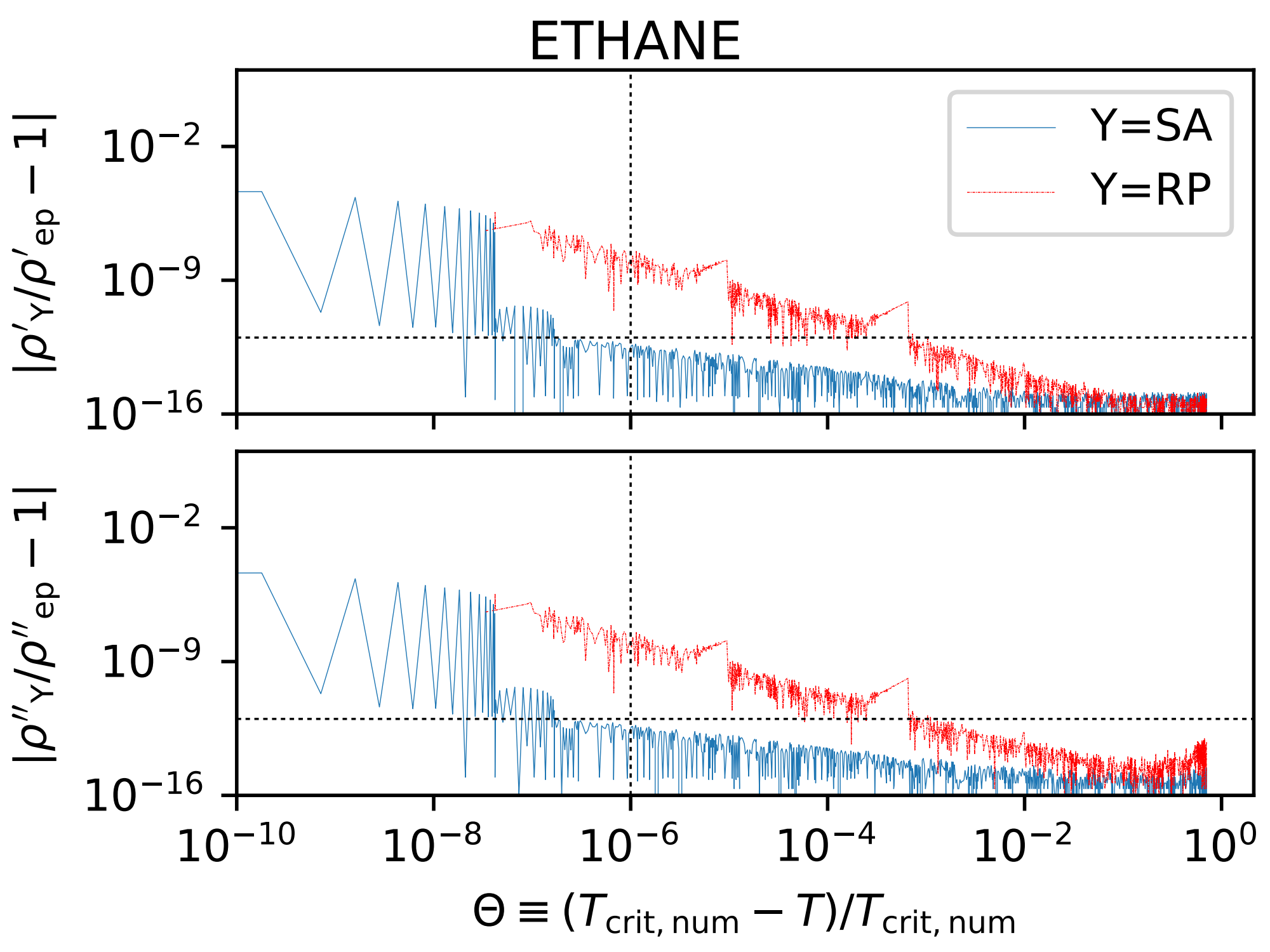

DEE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

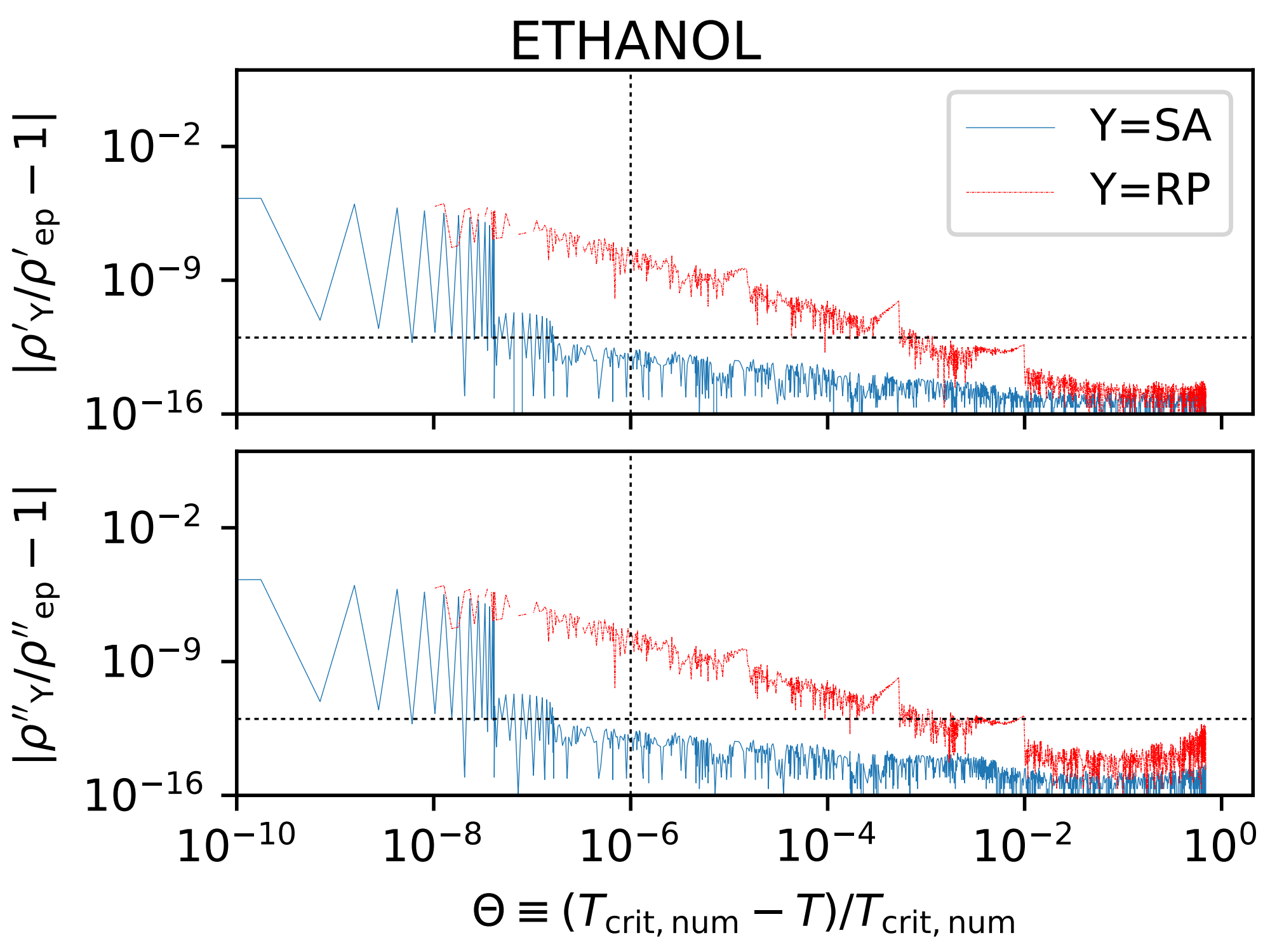

DMC
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

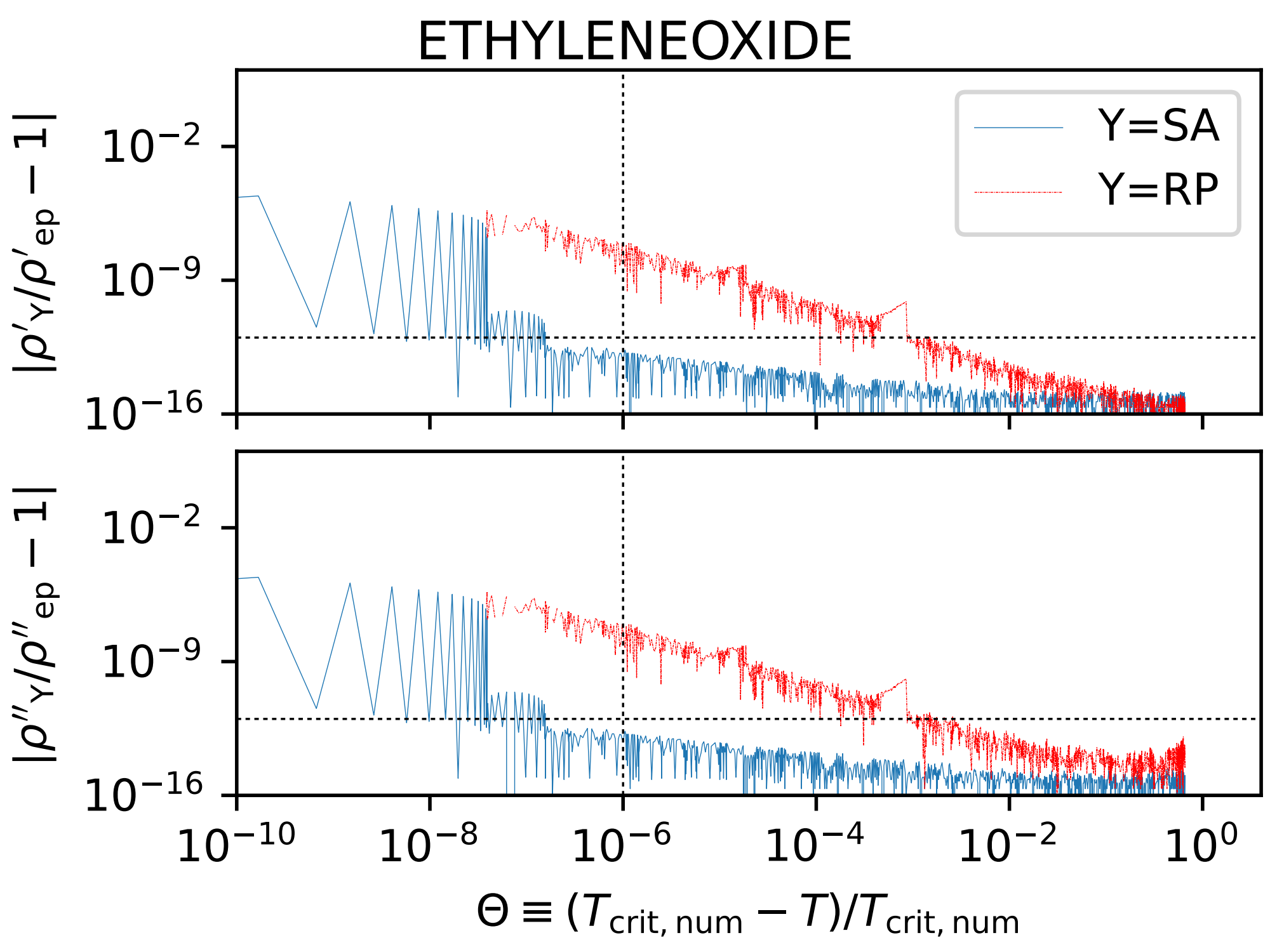

DME
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

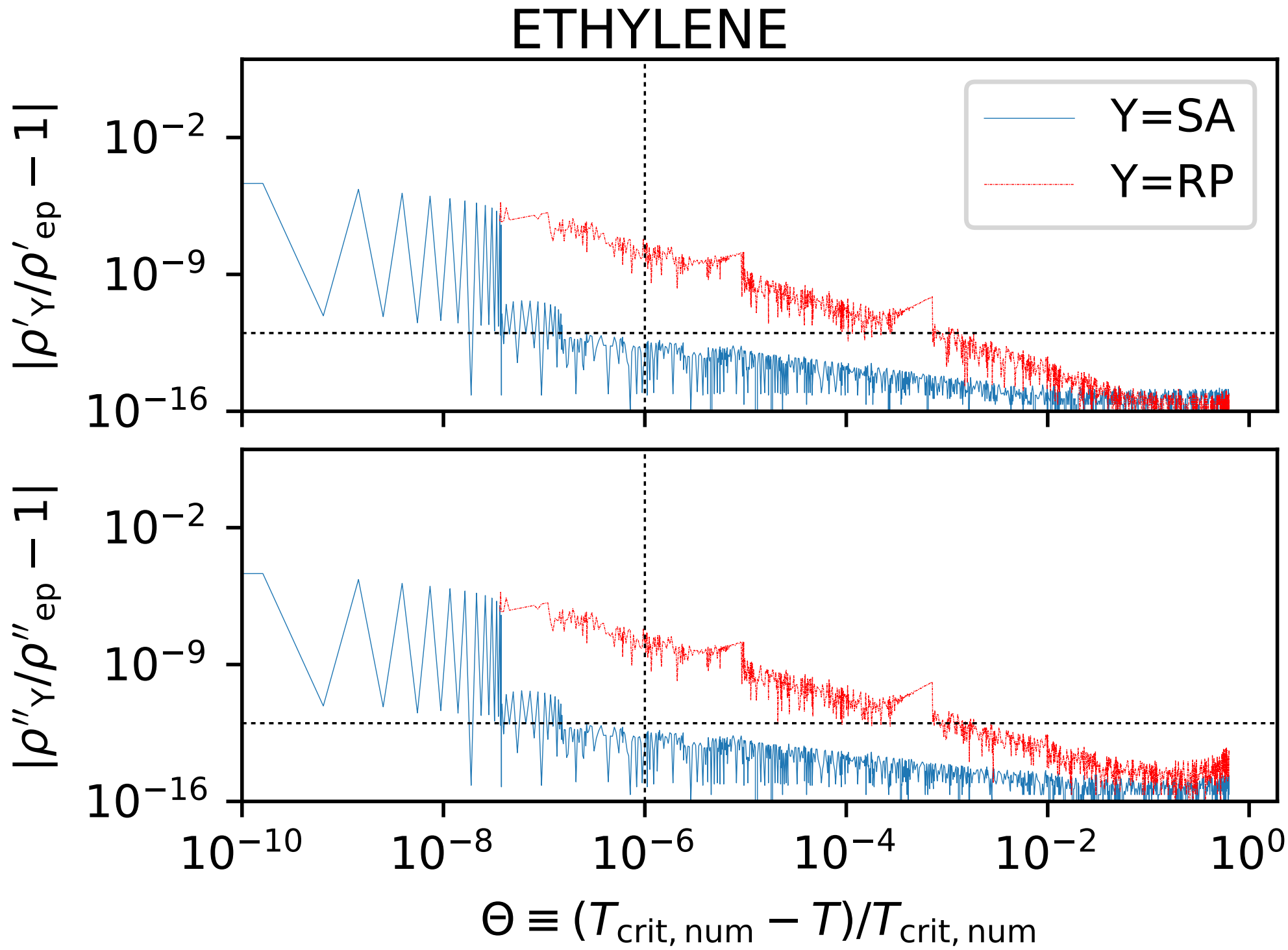

EBENZENE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

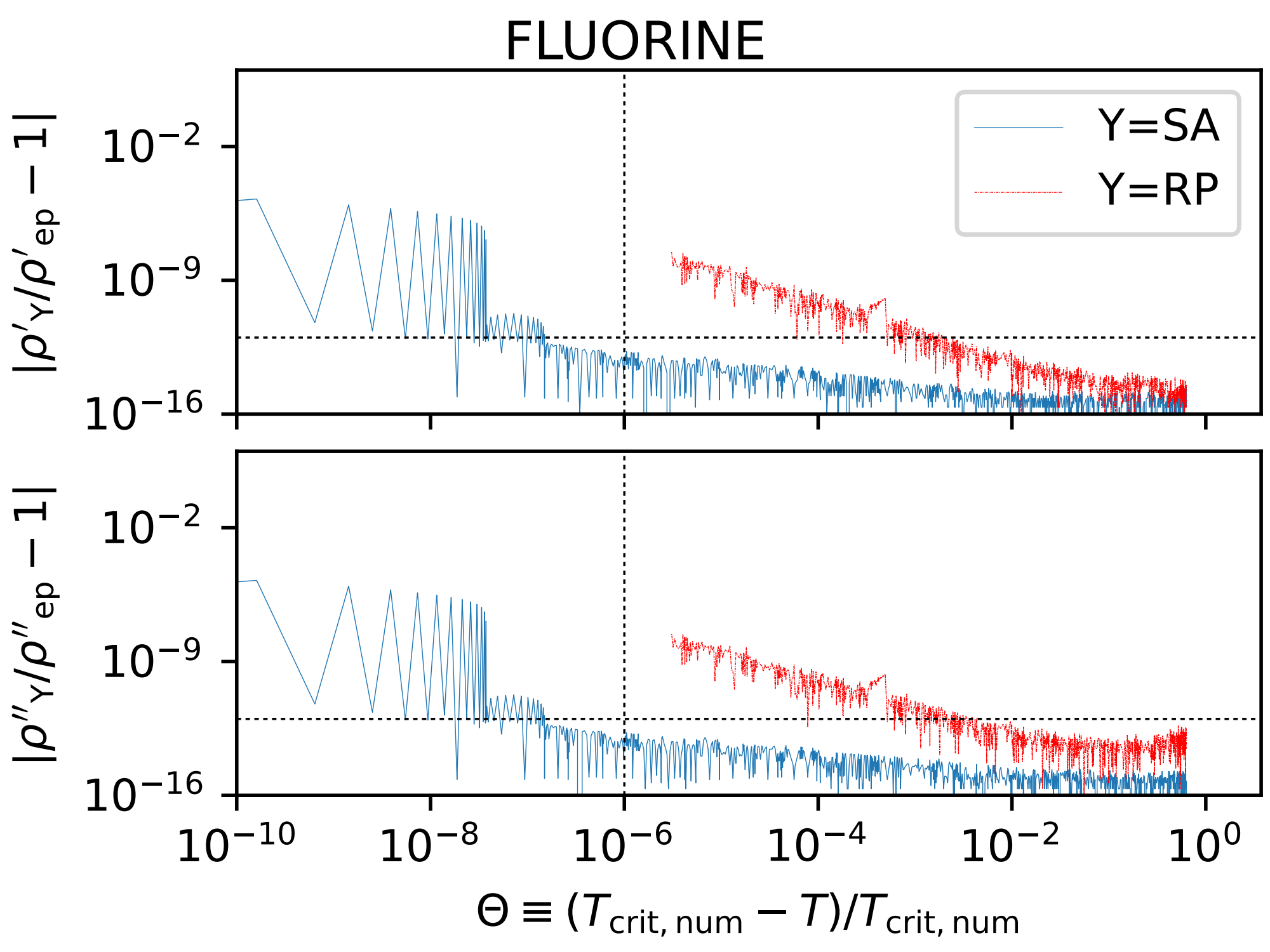

EGLYCOL
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

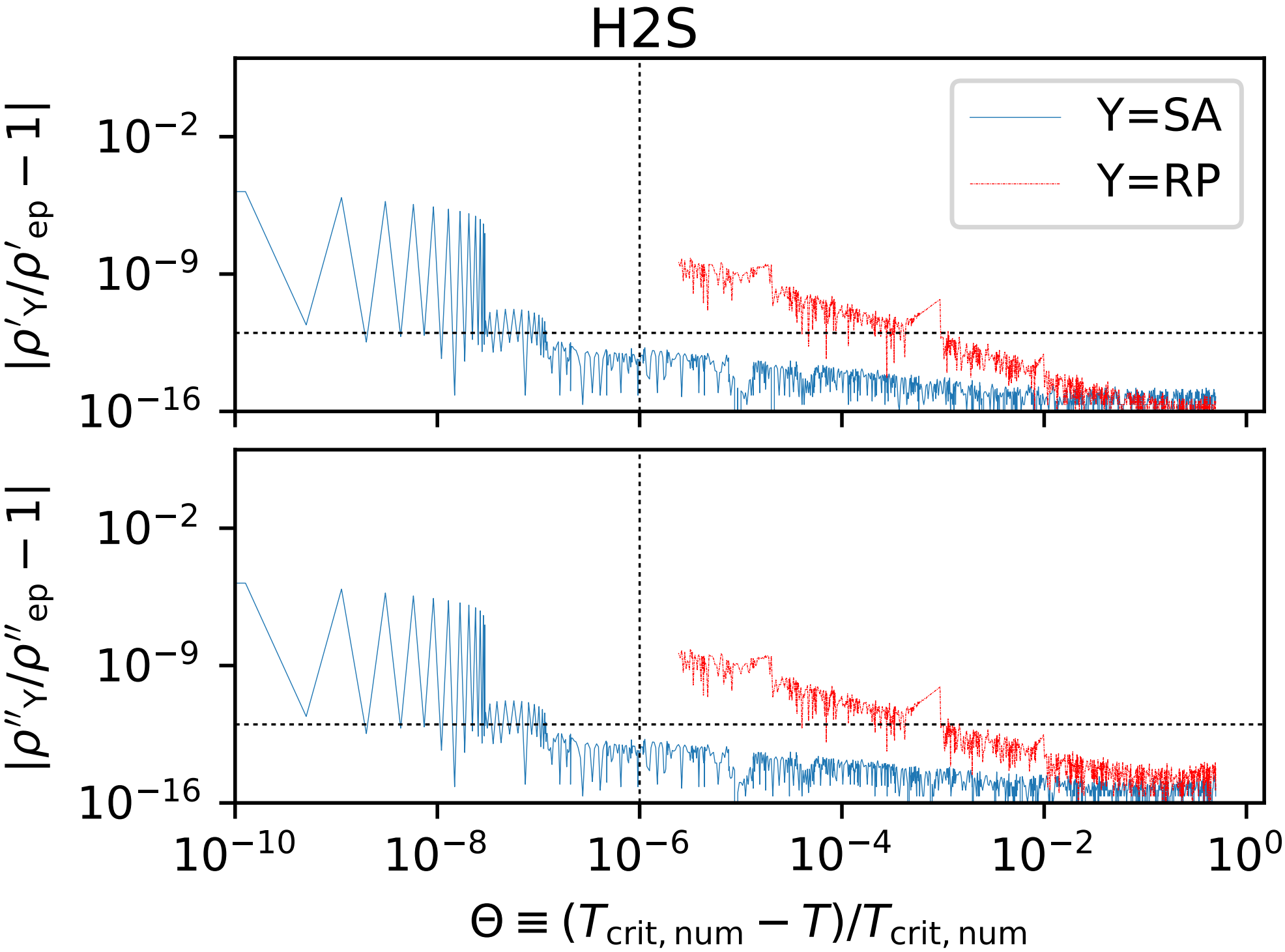

ETHANE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

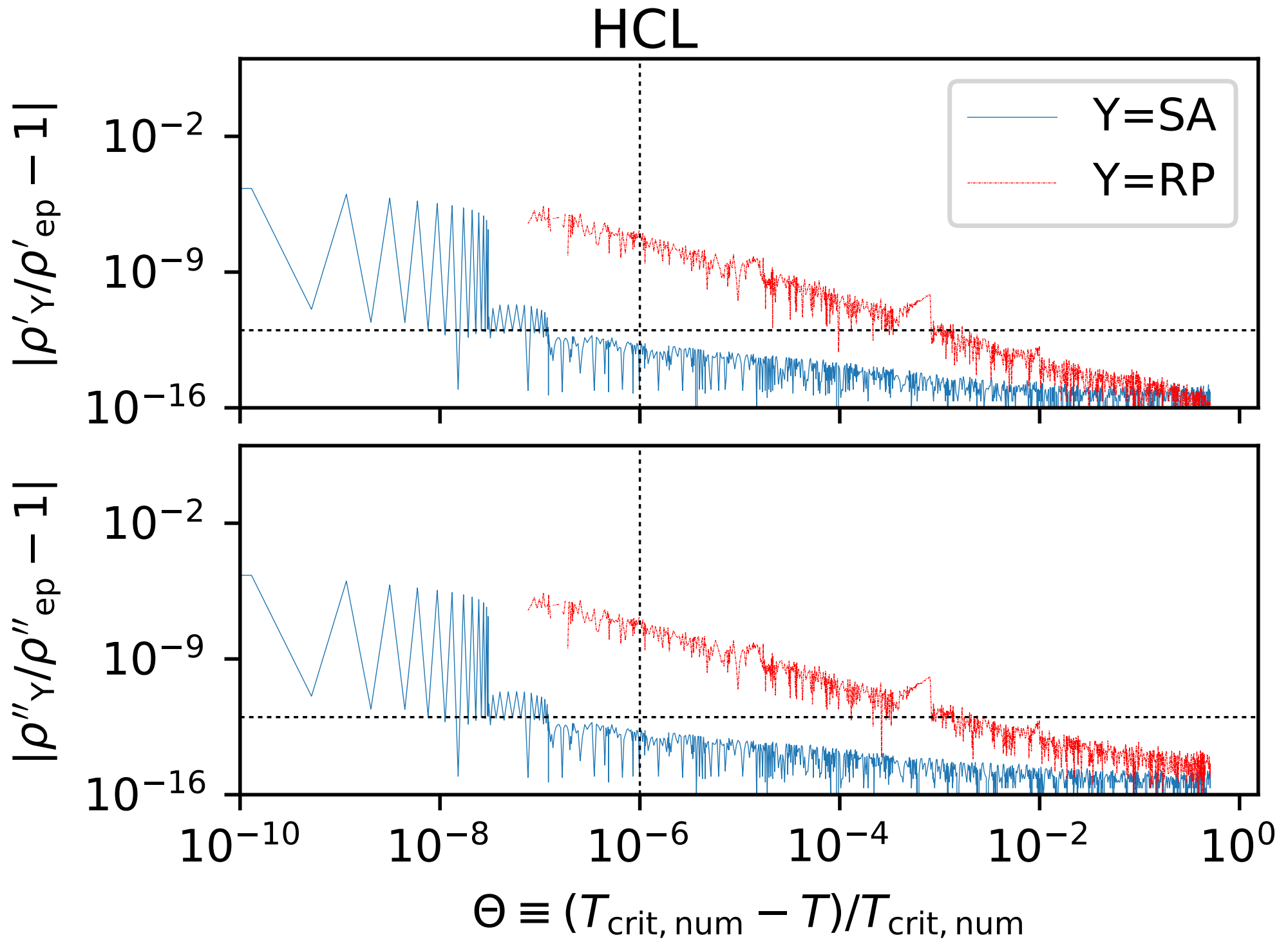

ETHANOL
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

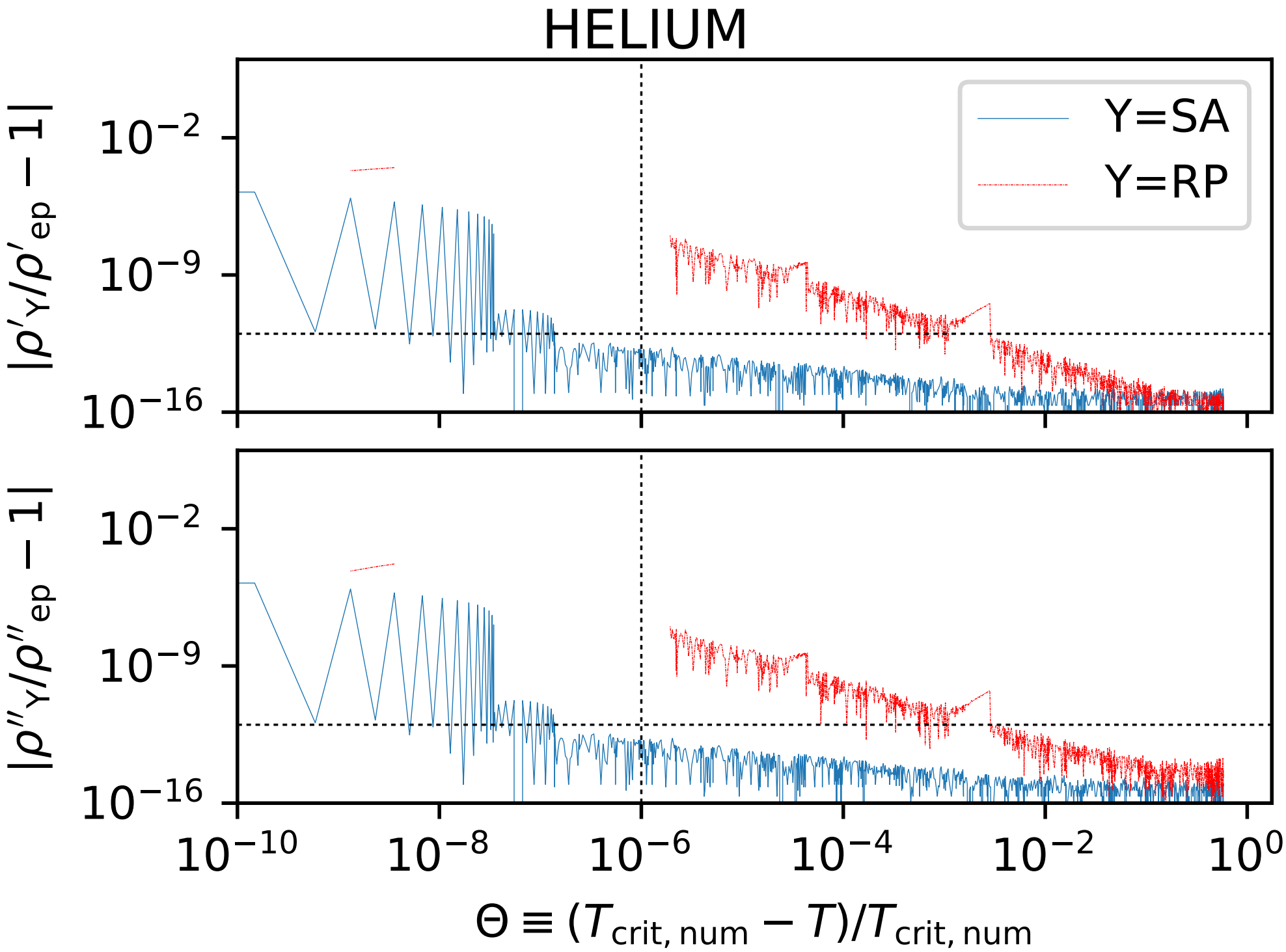

ETHYLENEOXIDE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

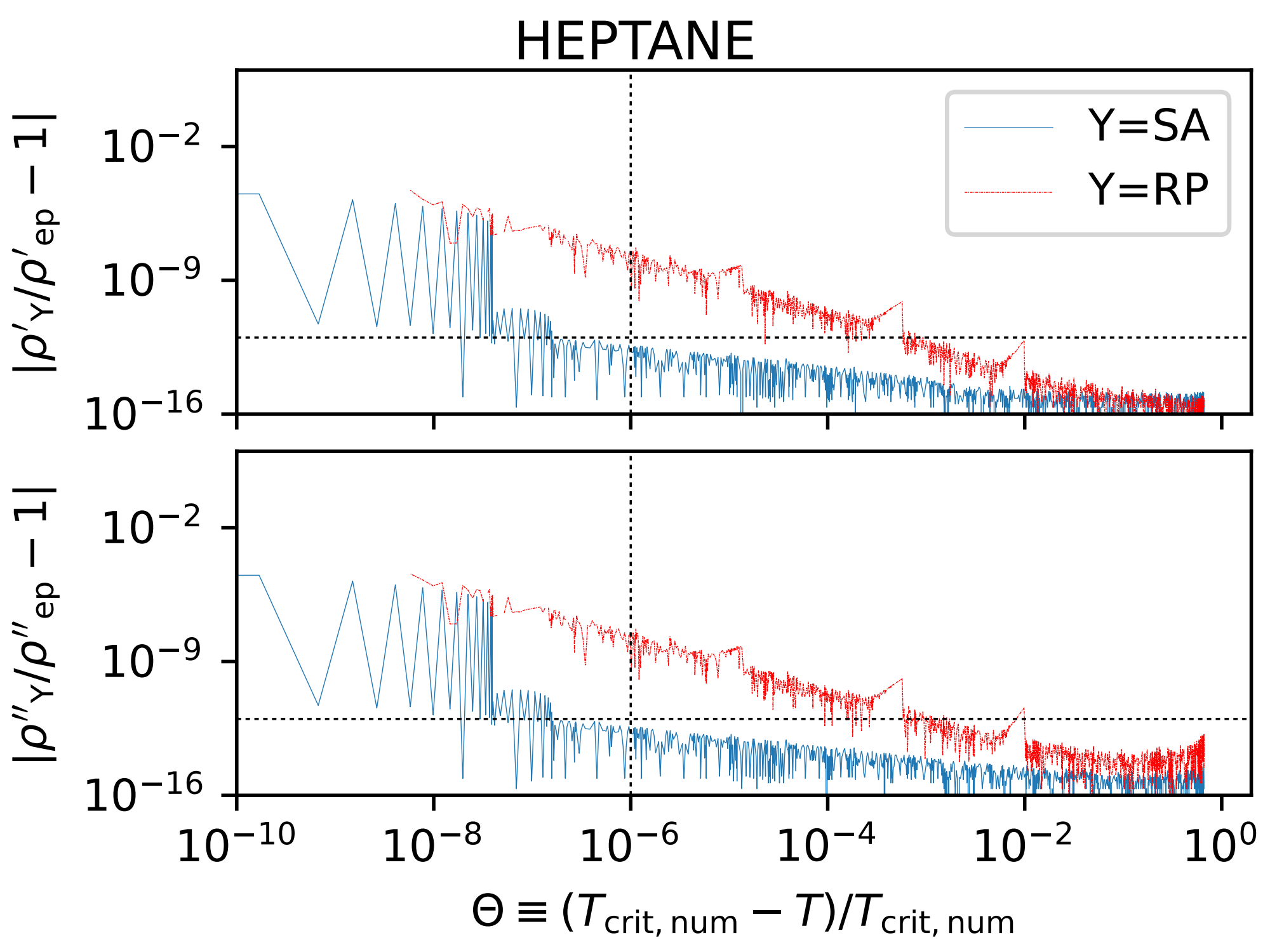

ETHYLENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

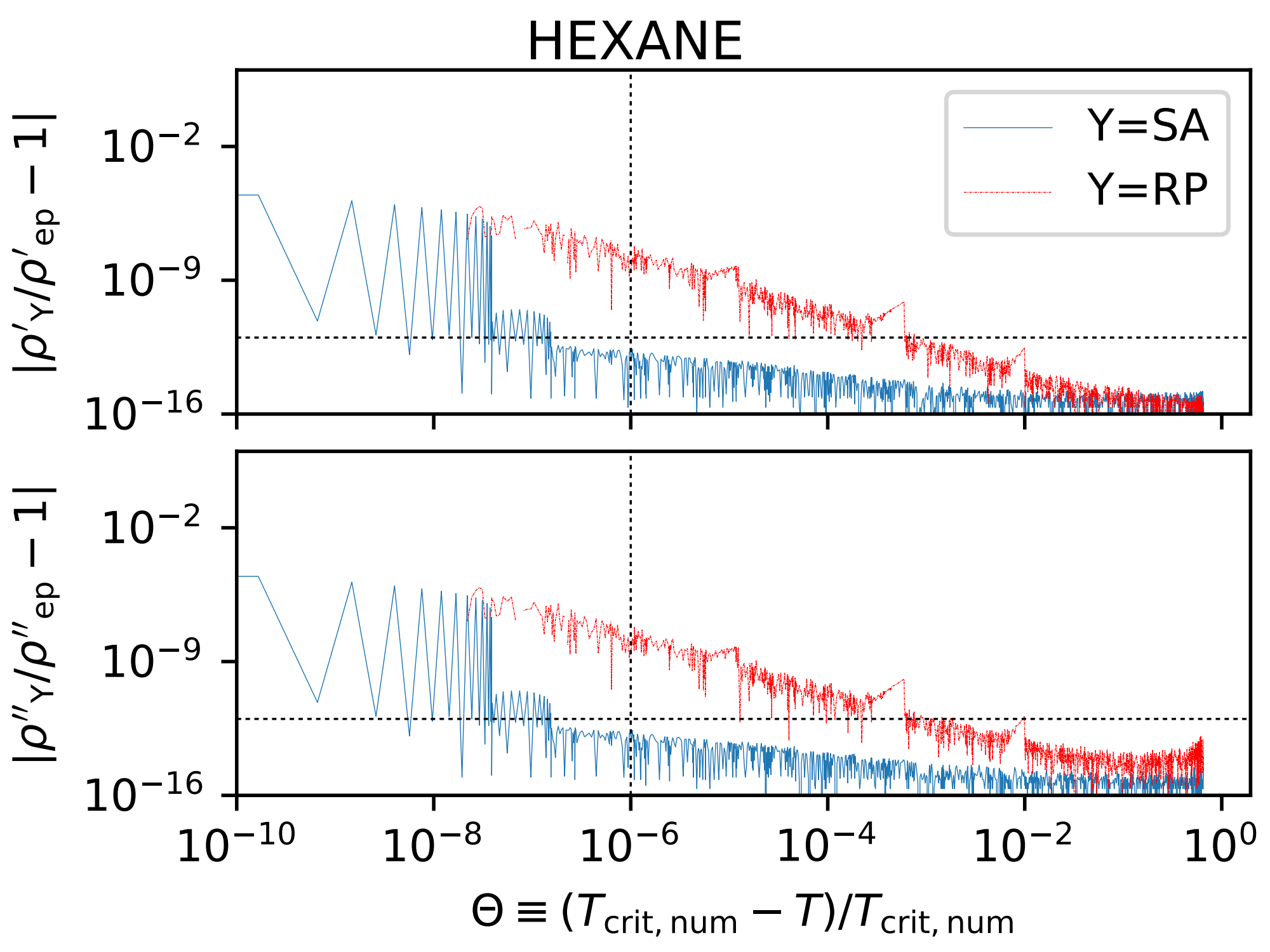

FLUORINE
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

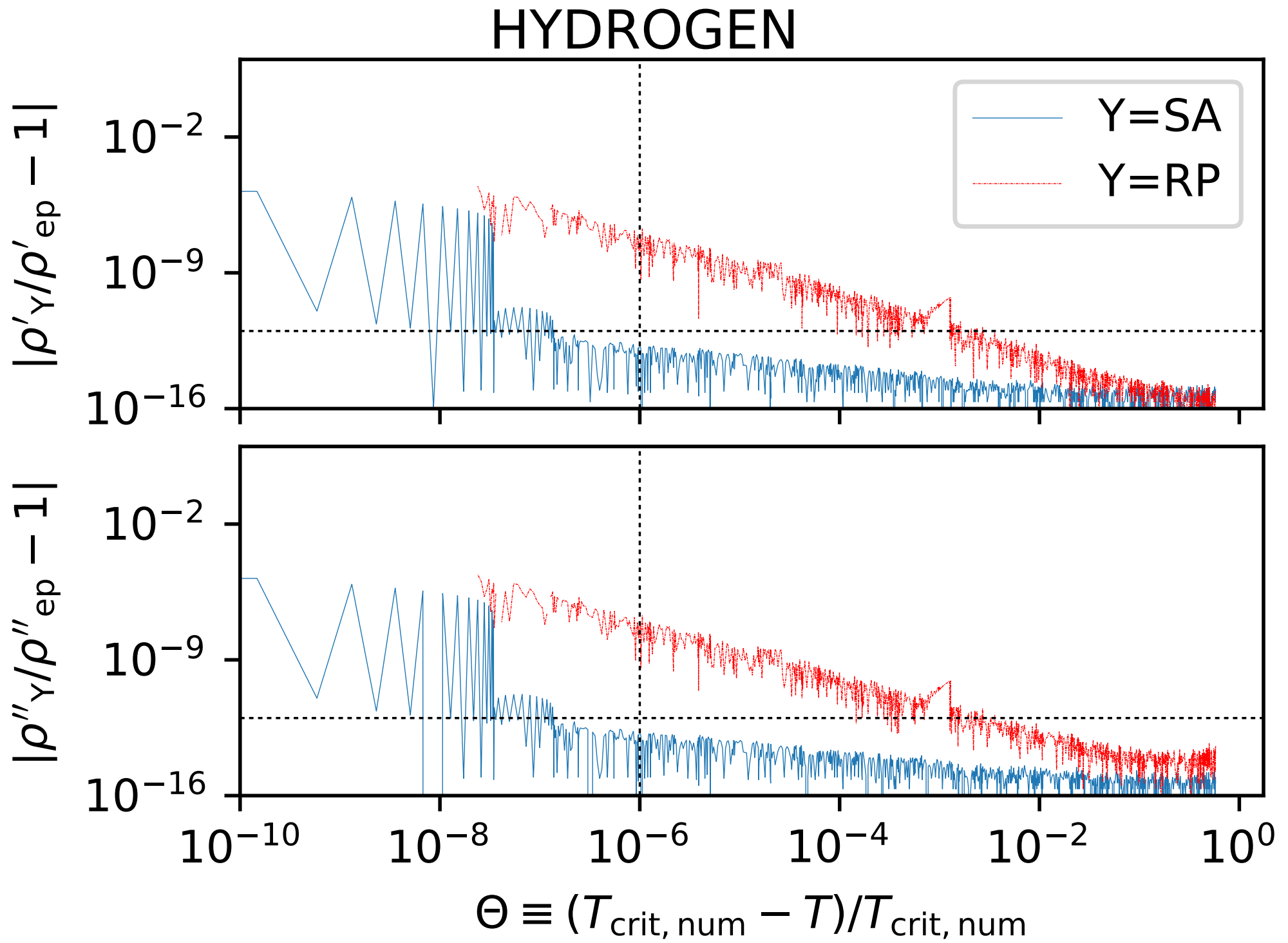

H2S
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

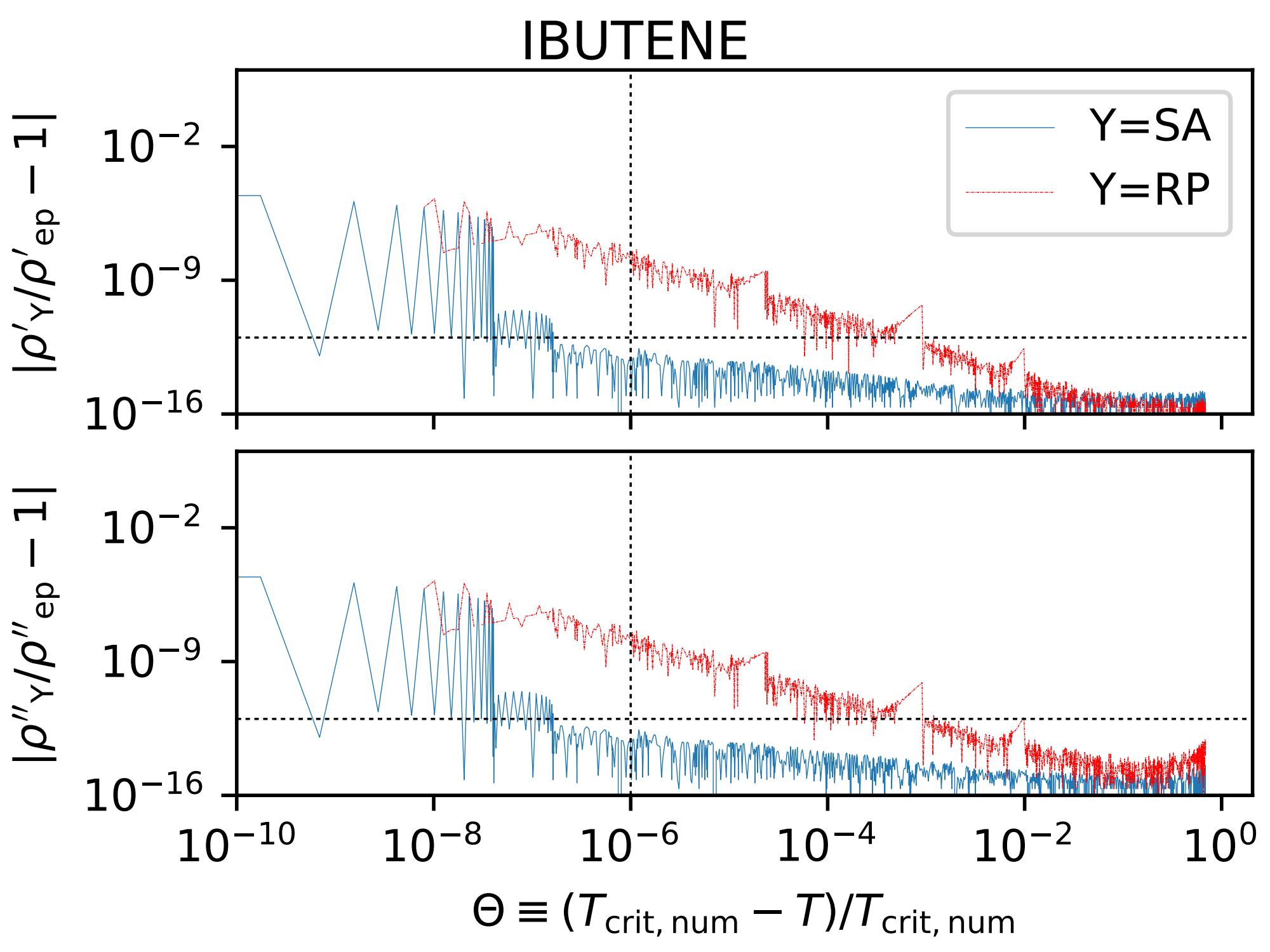

HCL
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

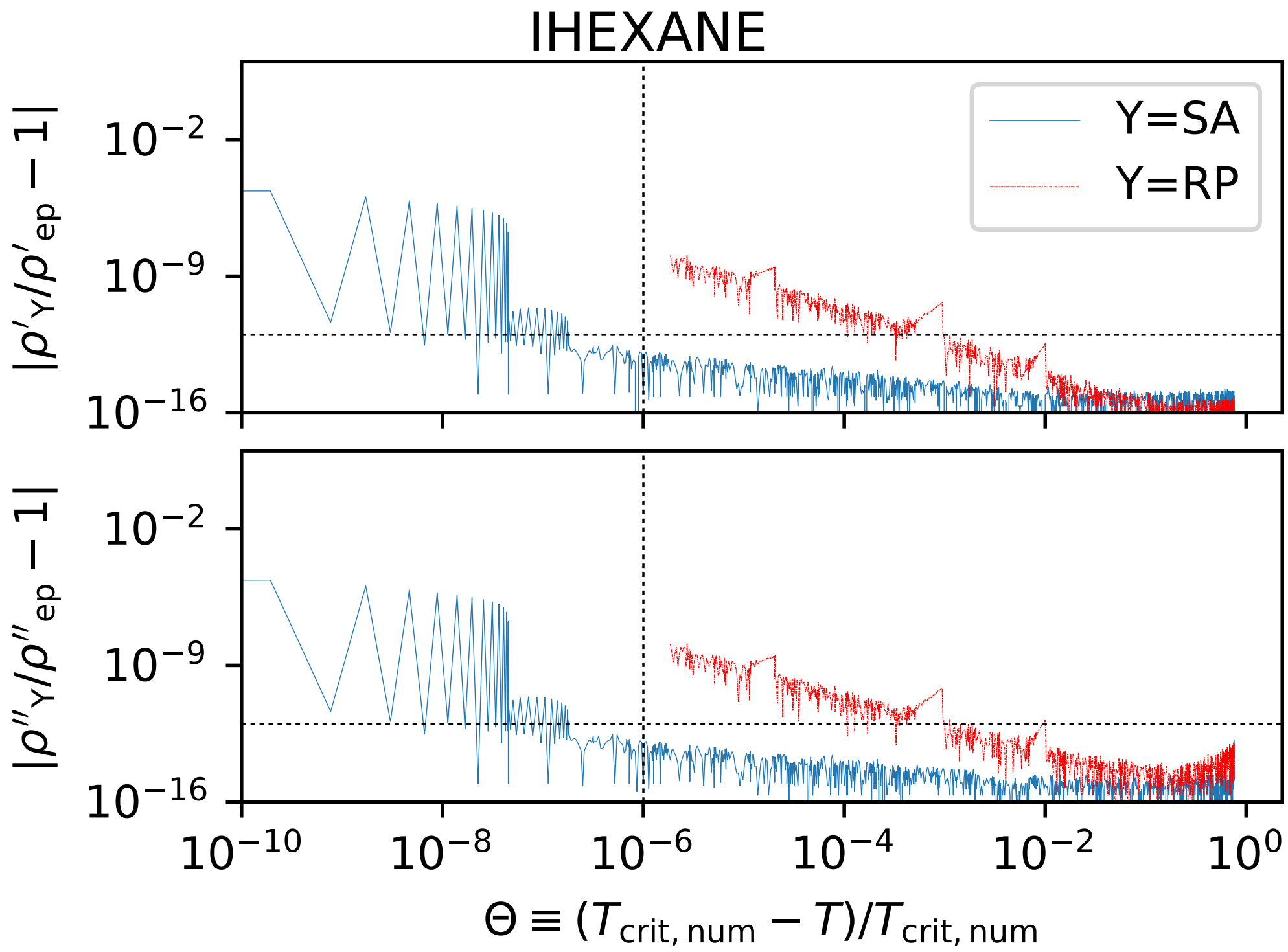

HELIUM
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

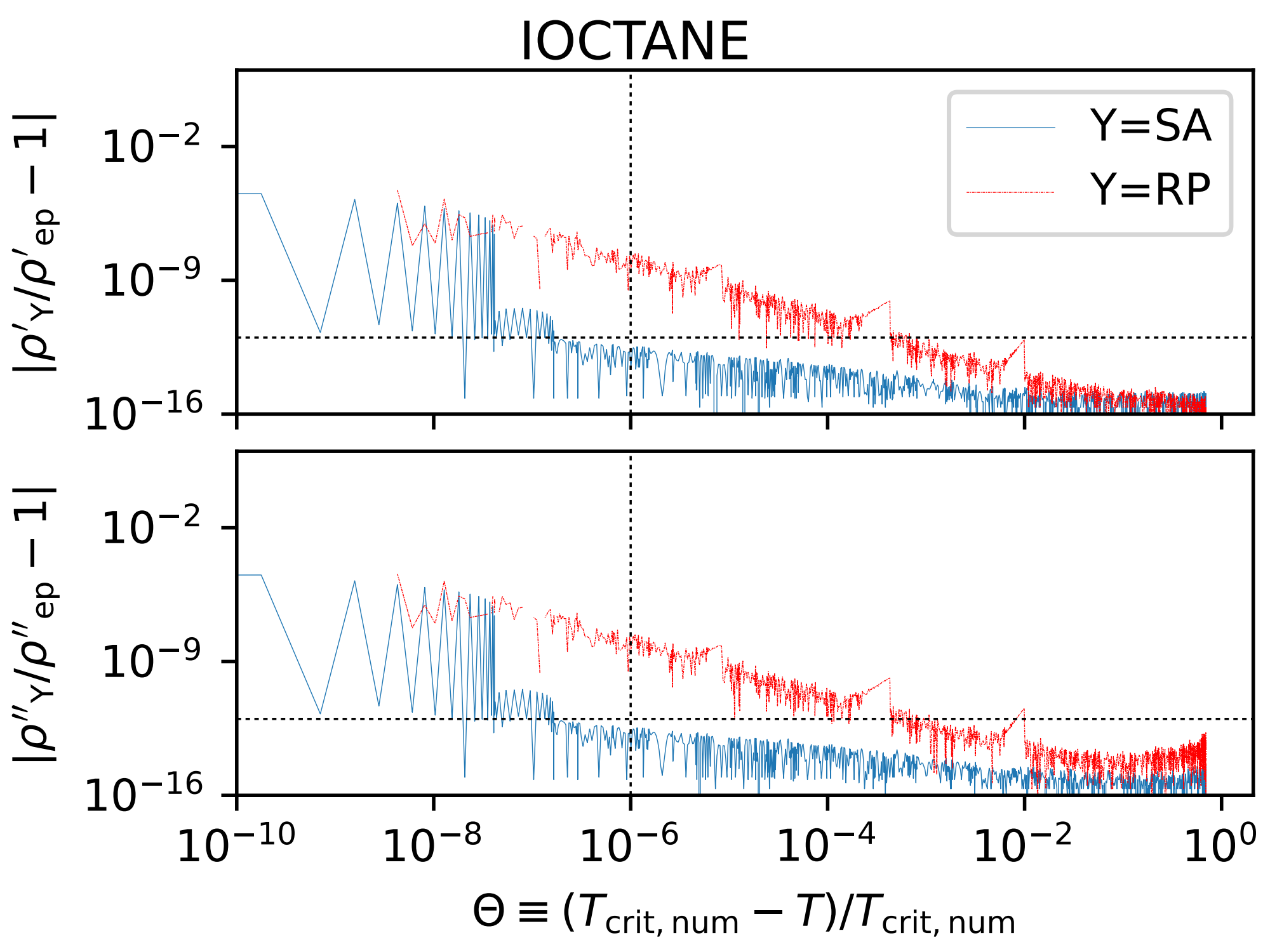

HEPTANE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

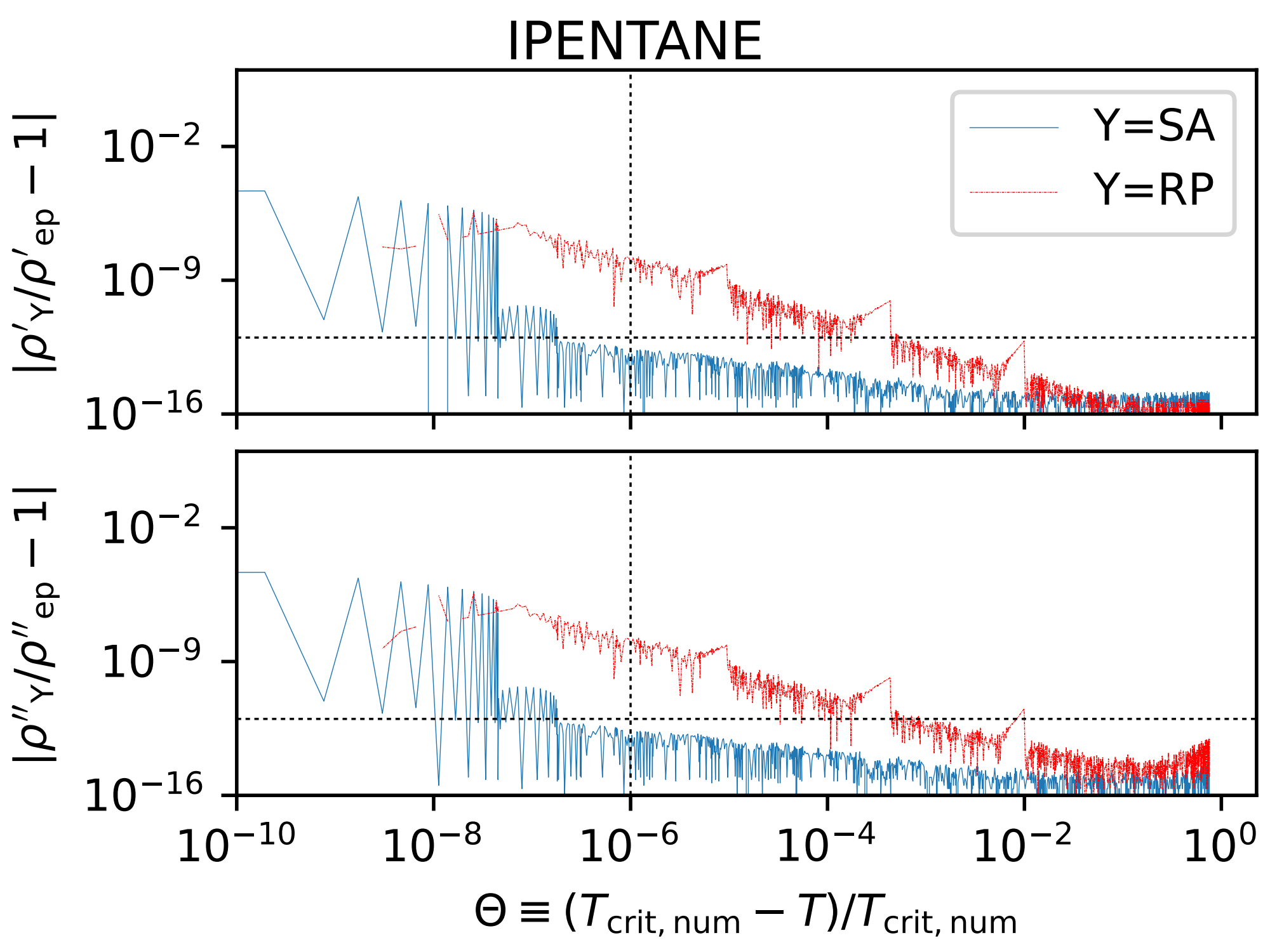

HEXANE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

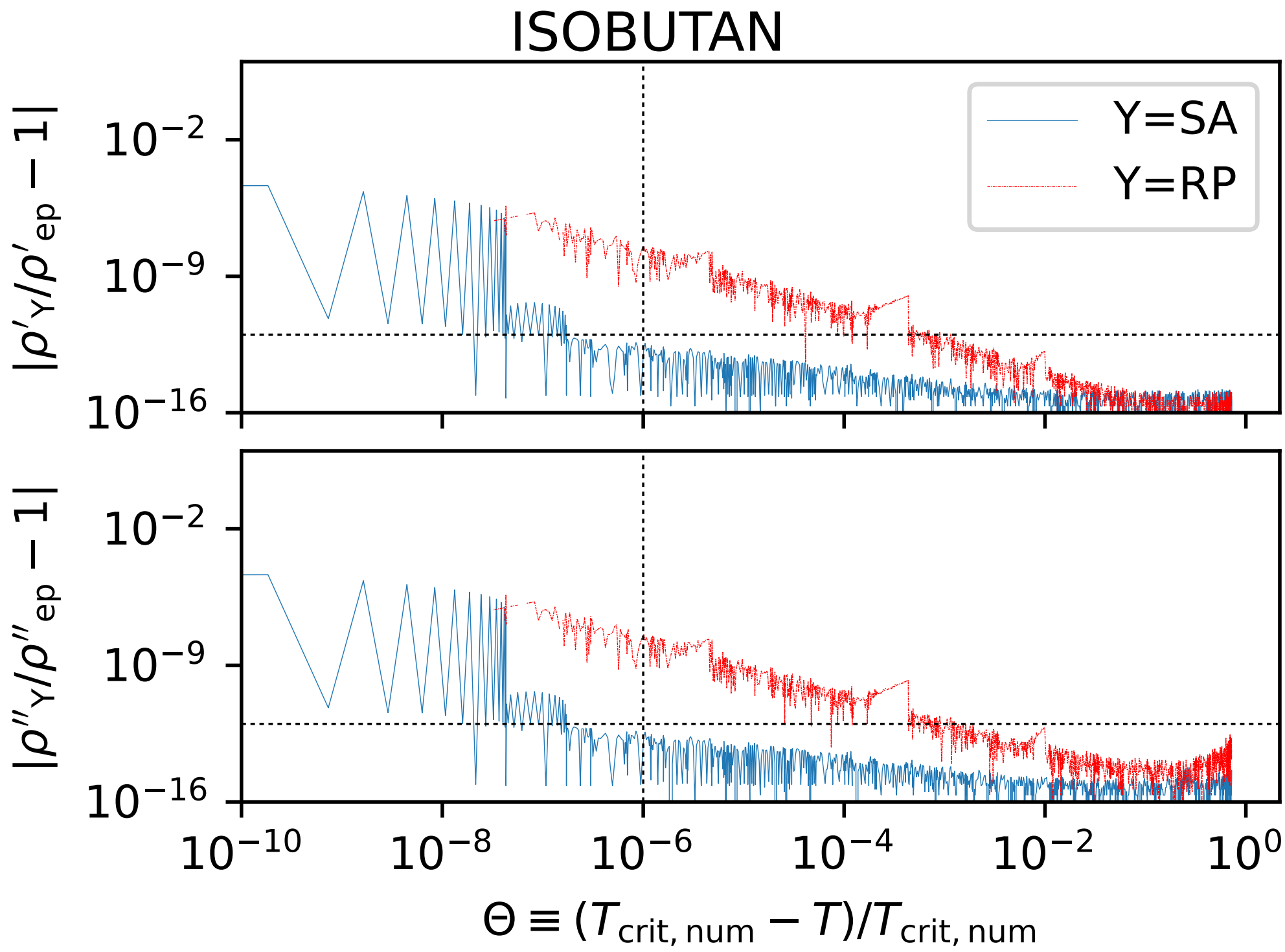

HYDROGEN
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

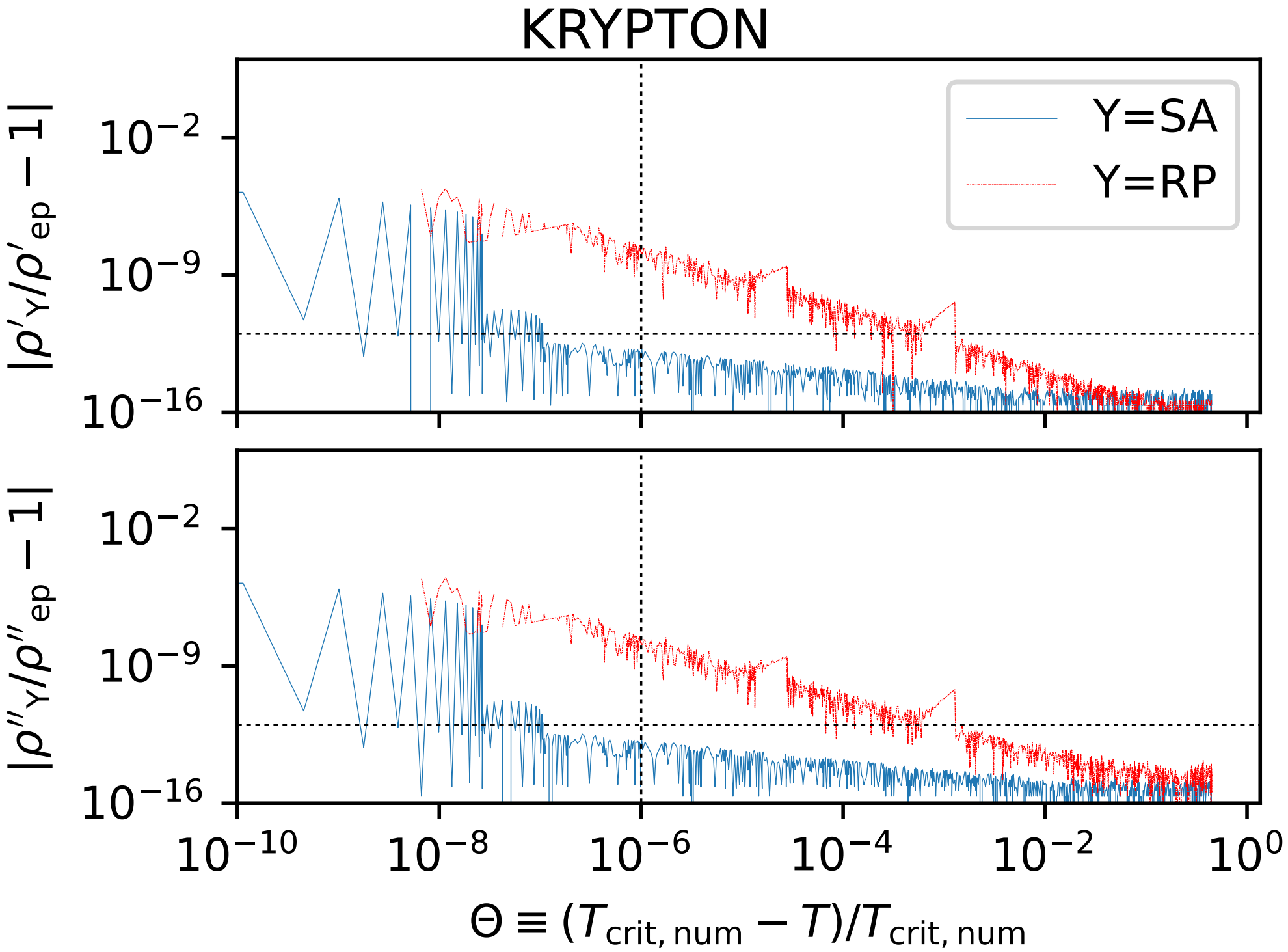

IBUTENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

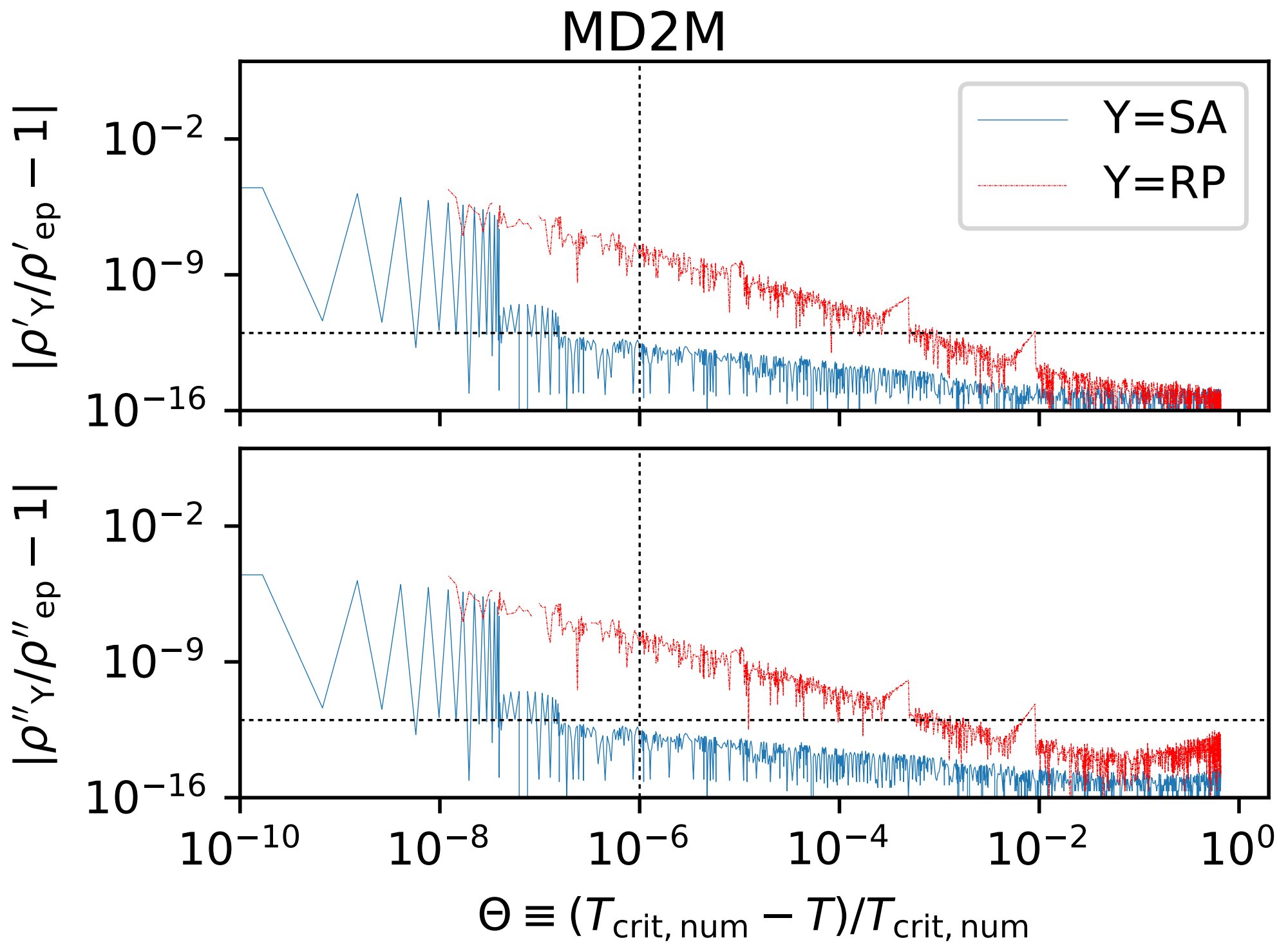

IHEXANE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

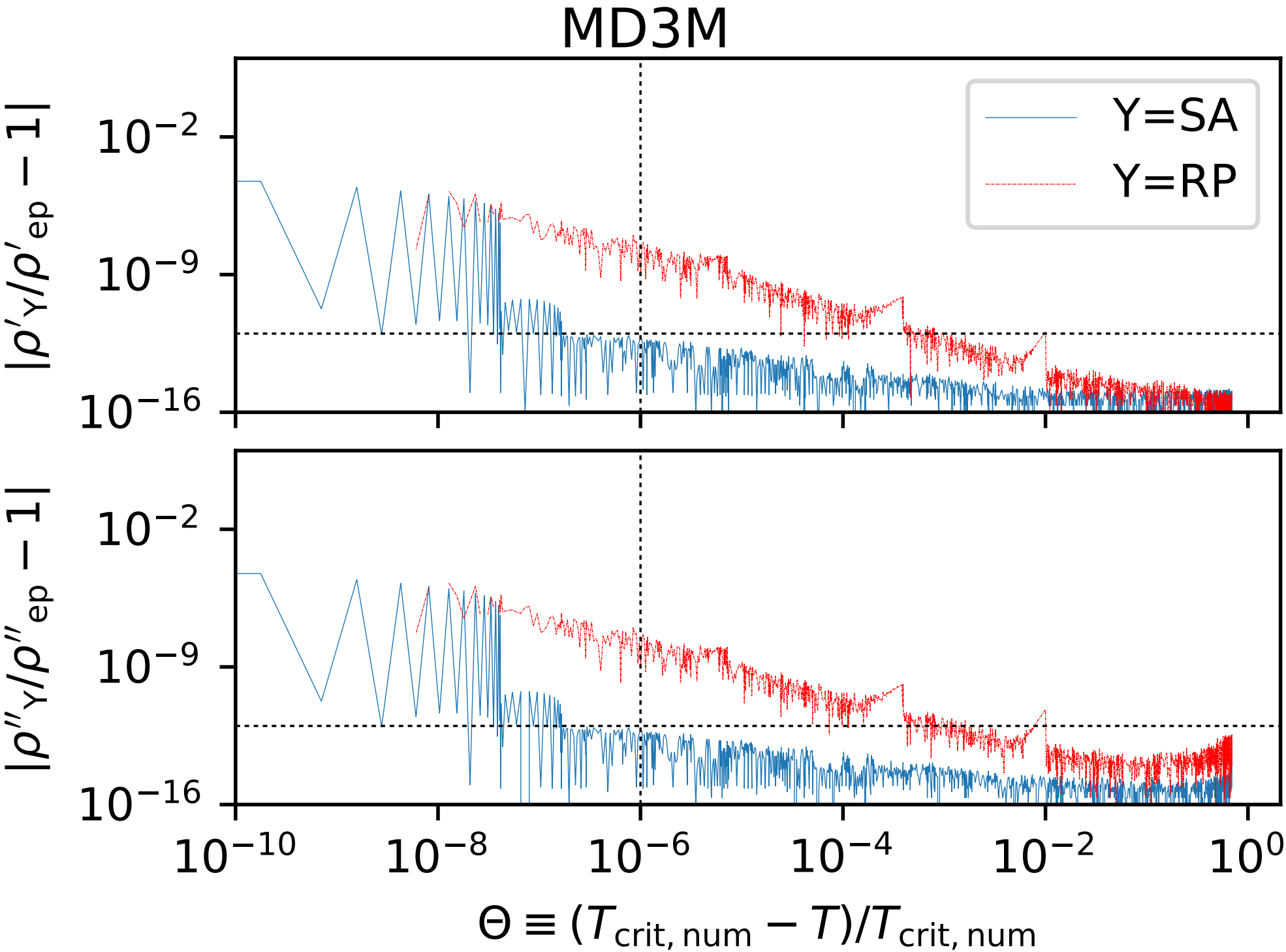

IOCTANE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

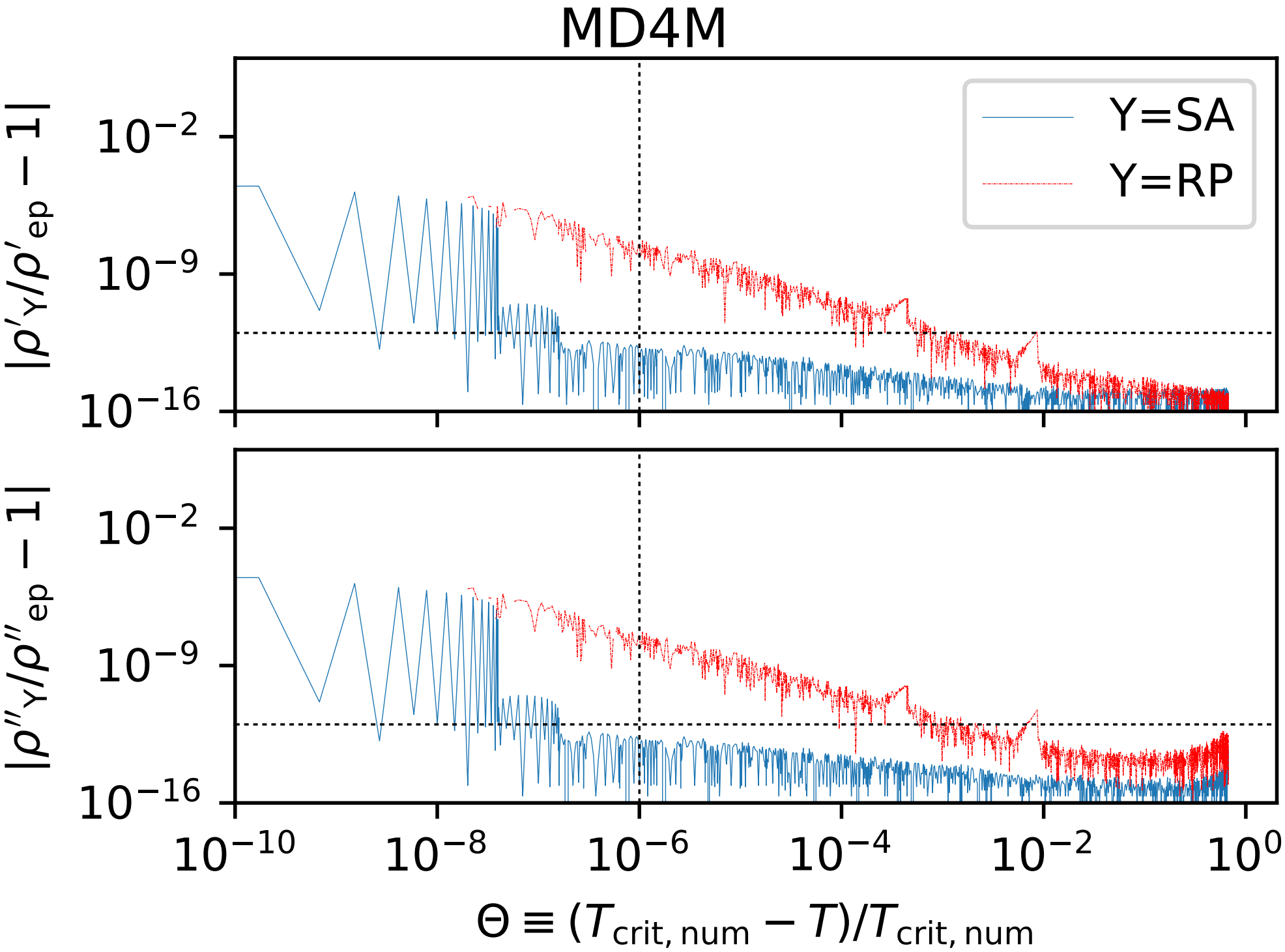

IPENTANE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

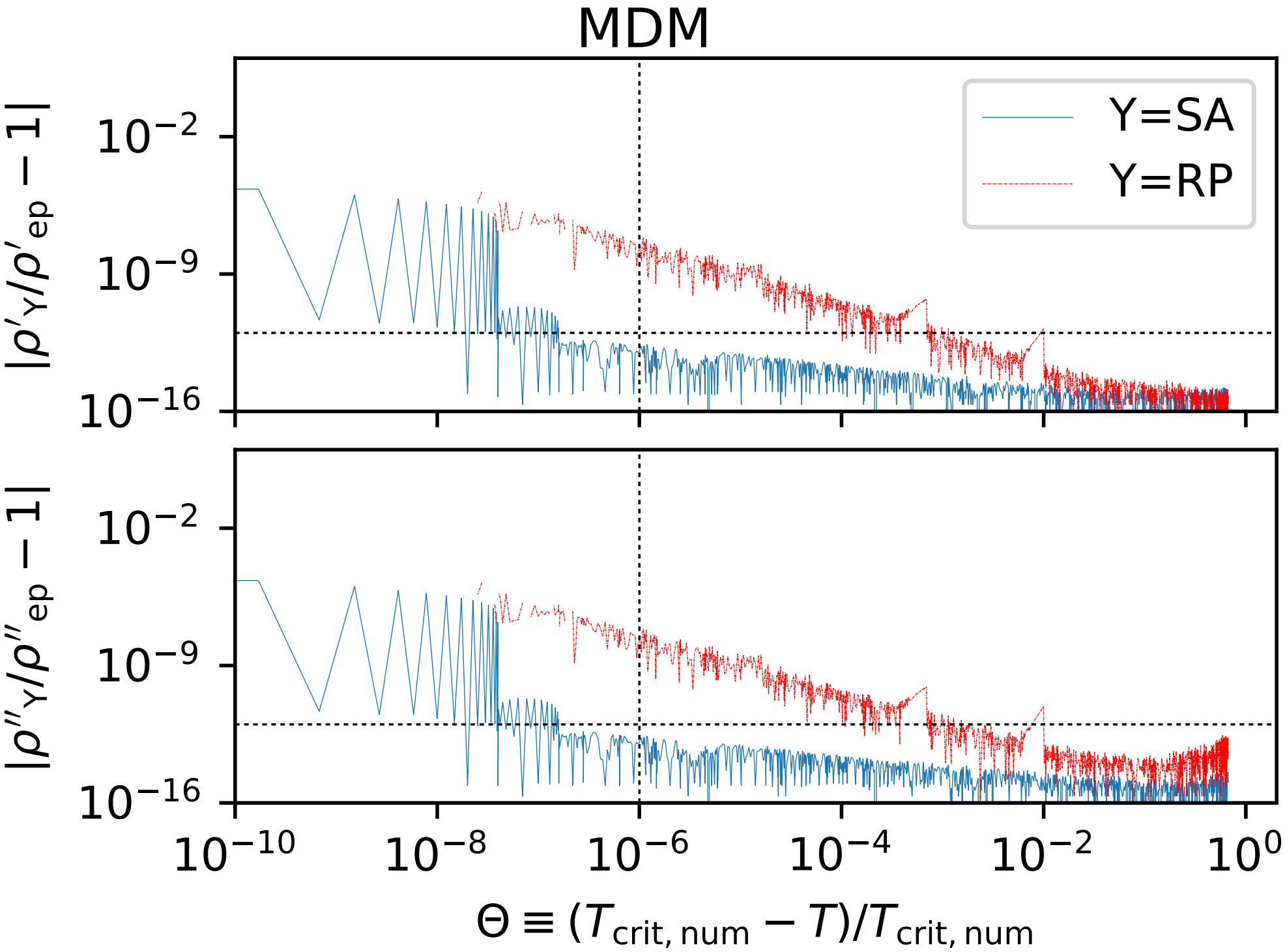

ISOBUTAN
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

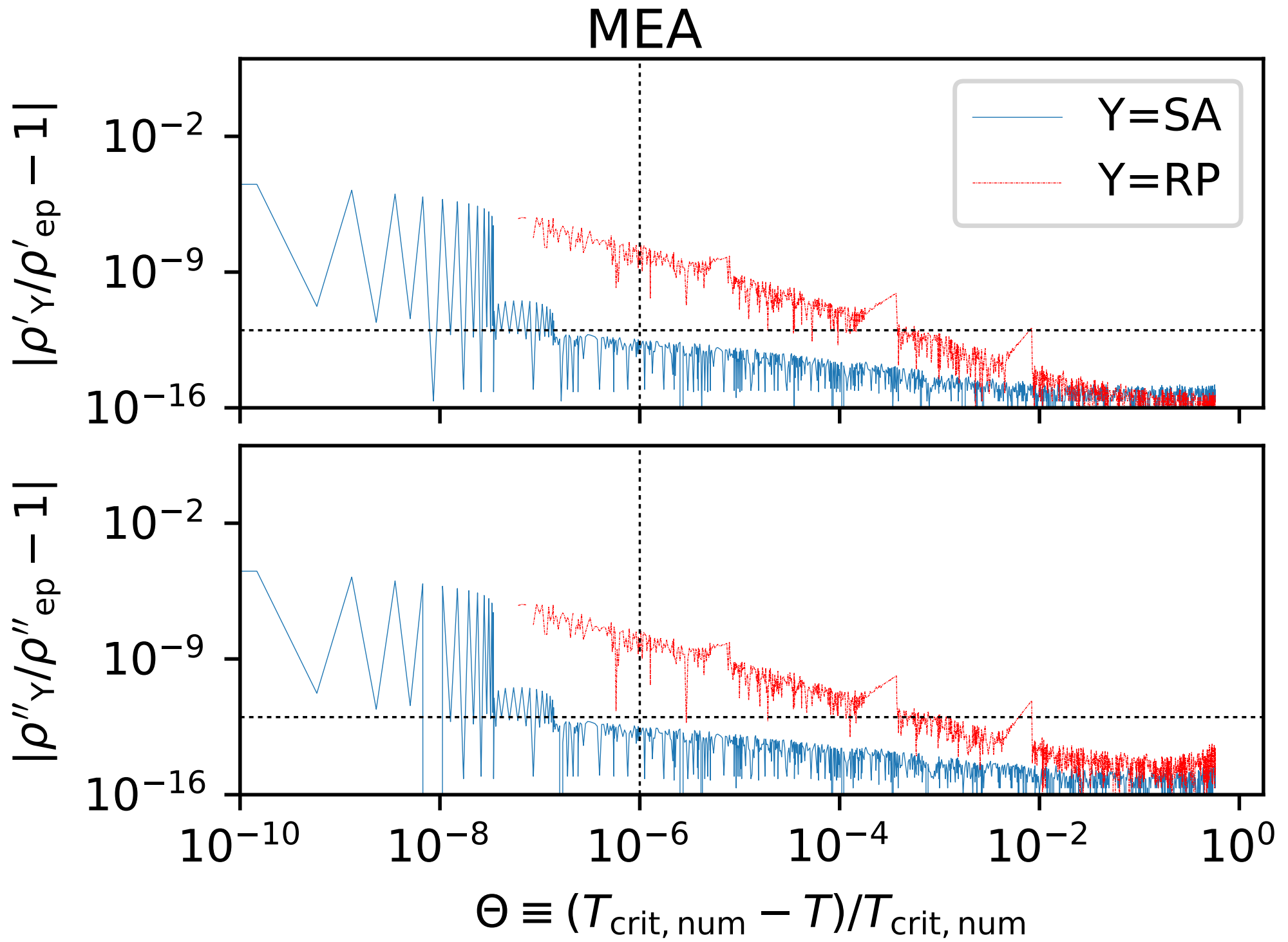

KRYPTON
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

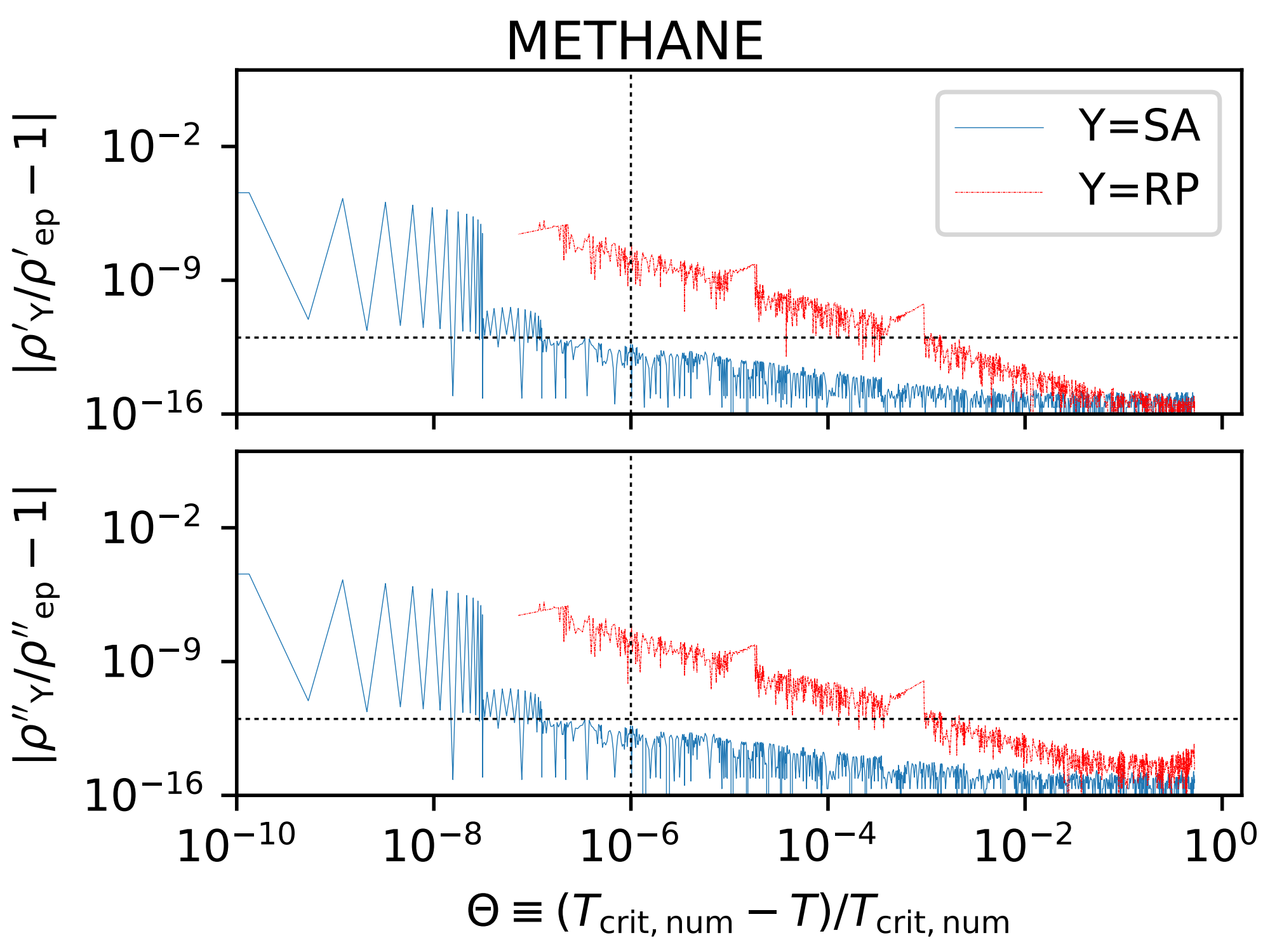

MD2M
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

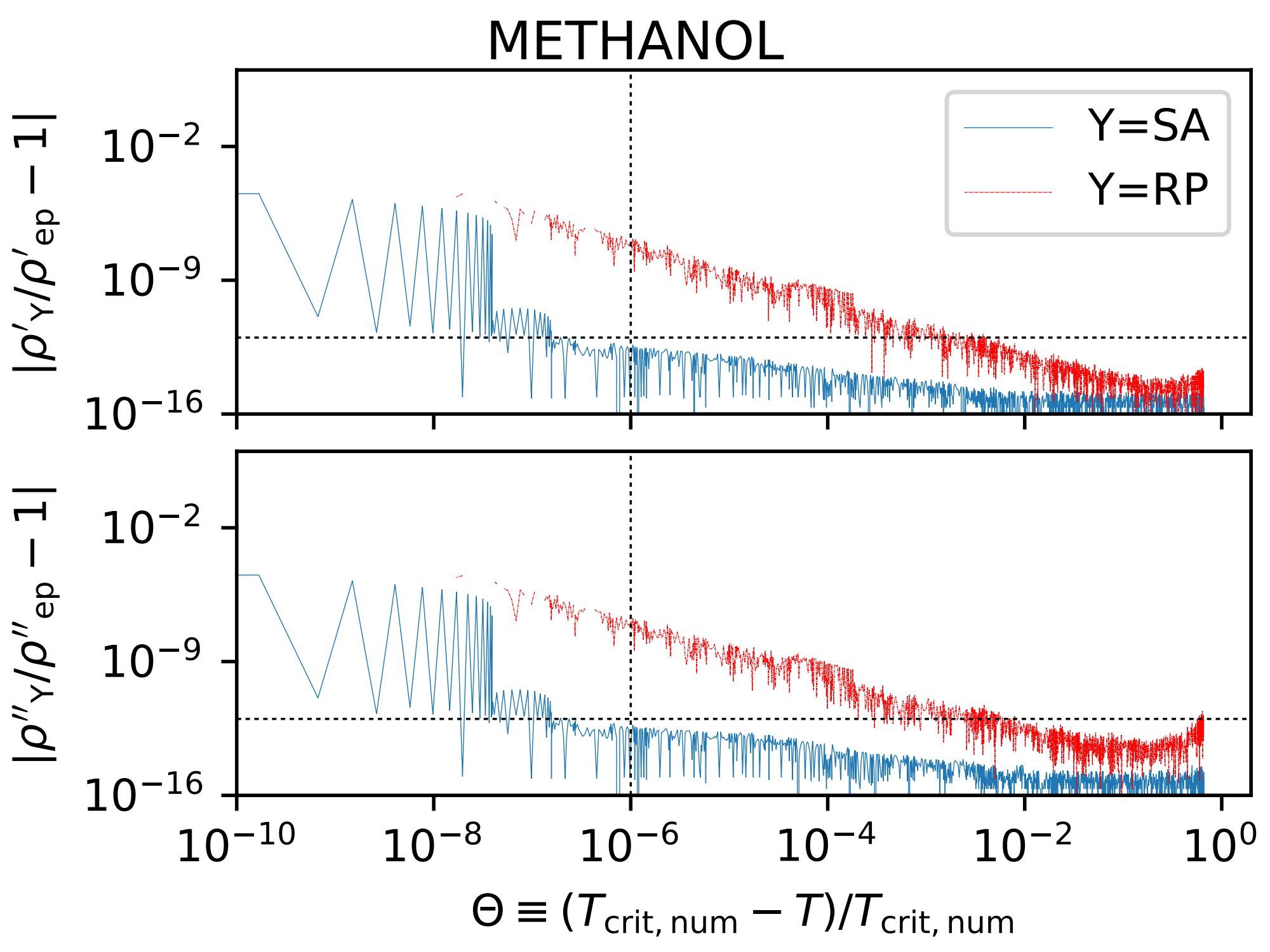

MD3M
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

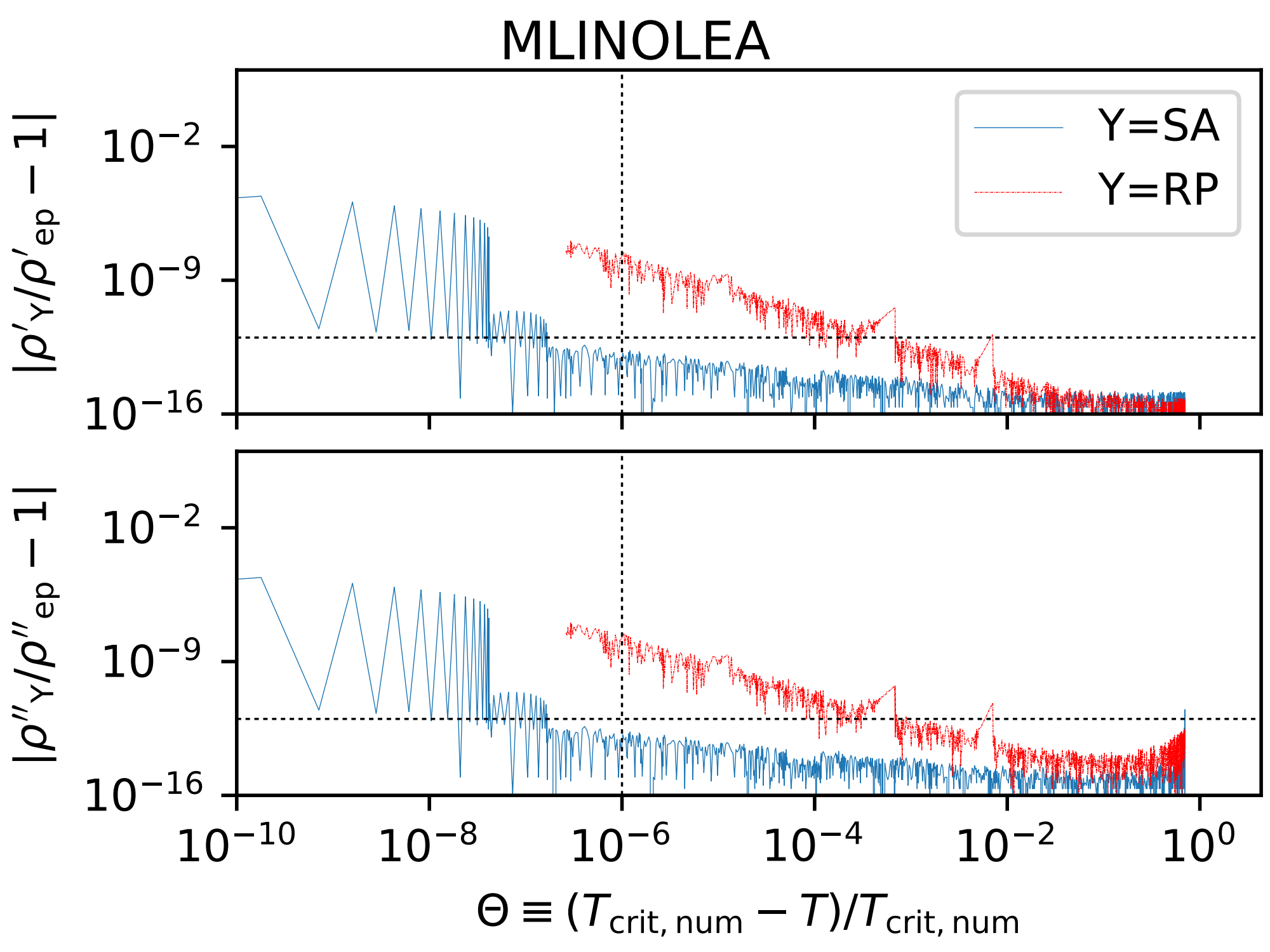

MD4M
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

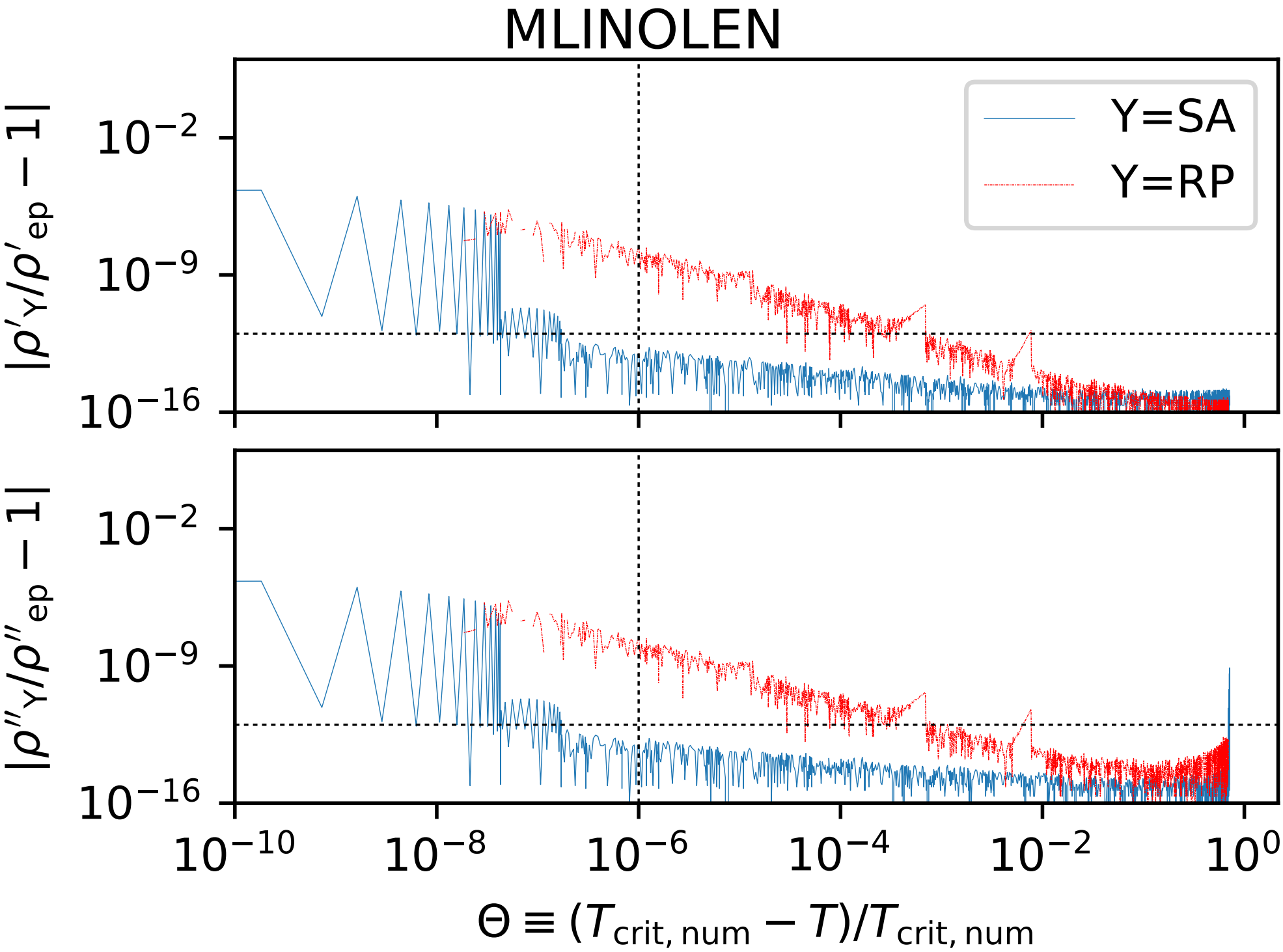

MDM
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

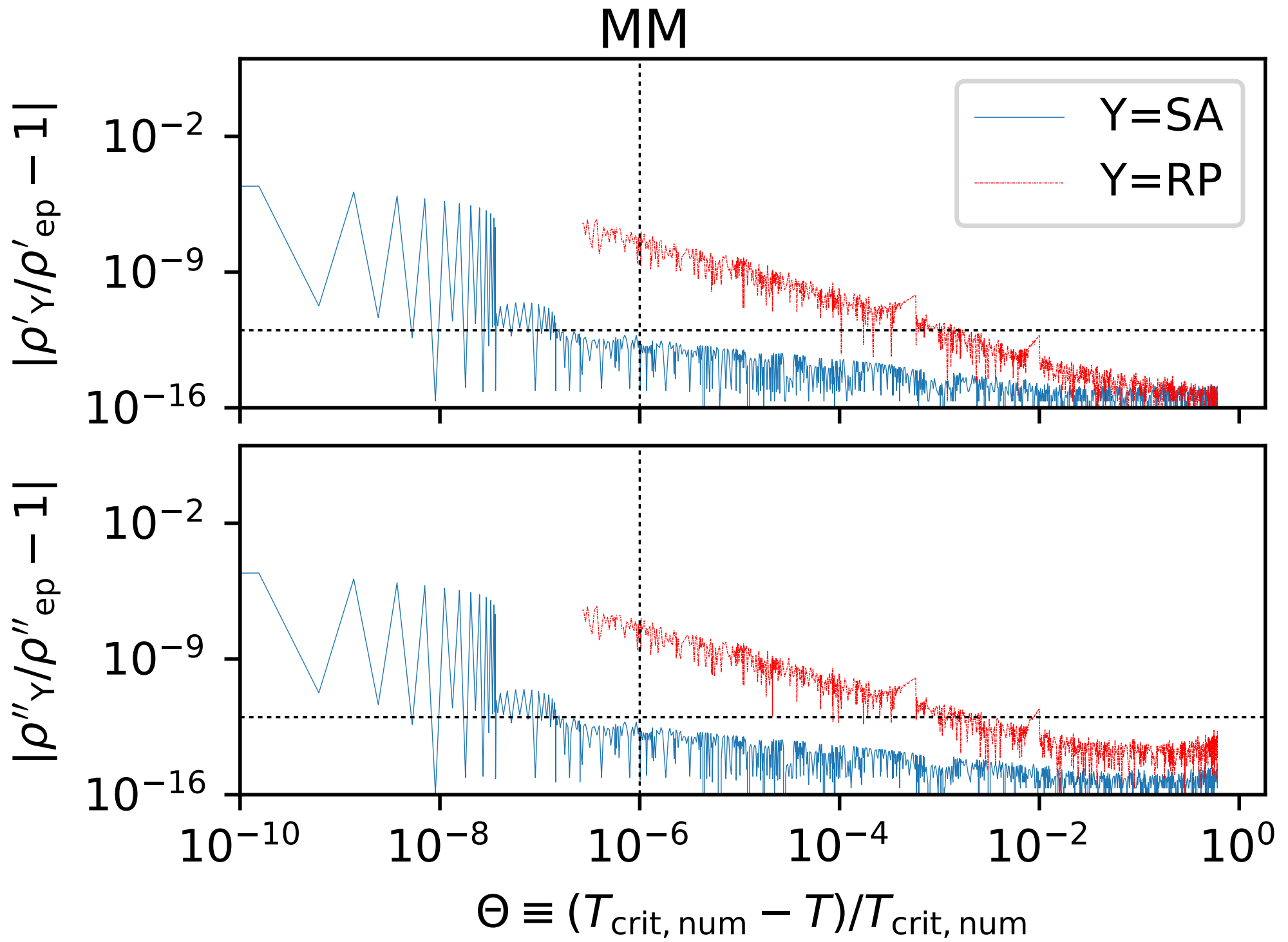

MEA
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

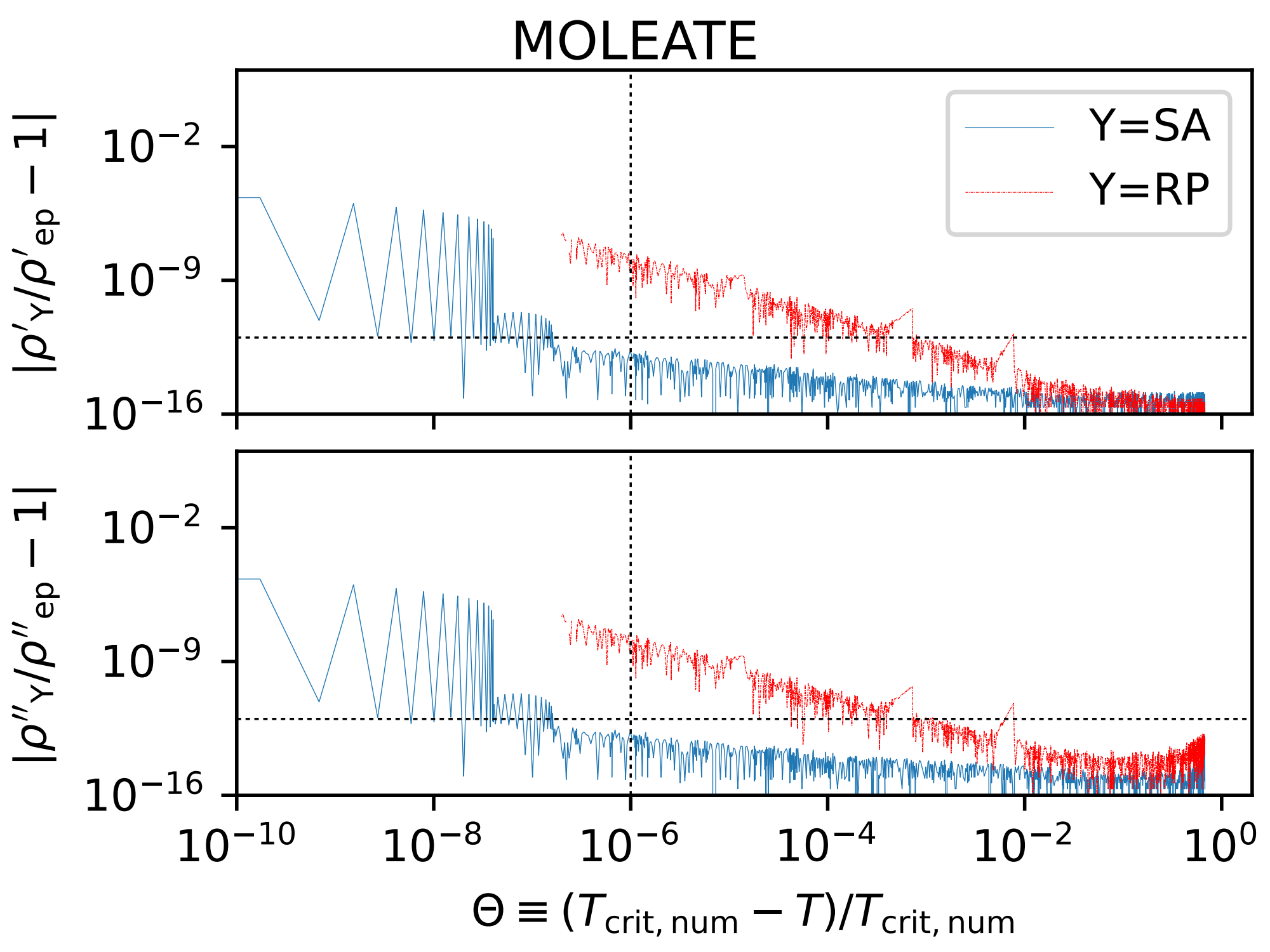

METHANE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

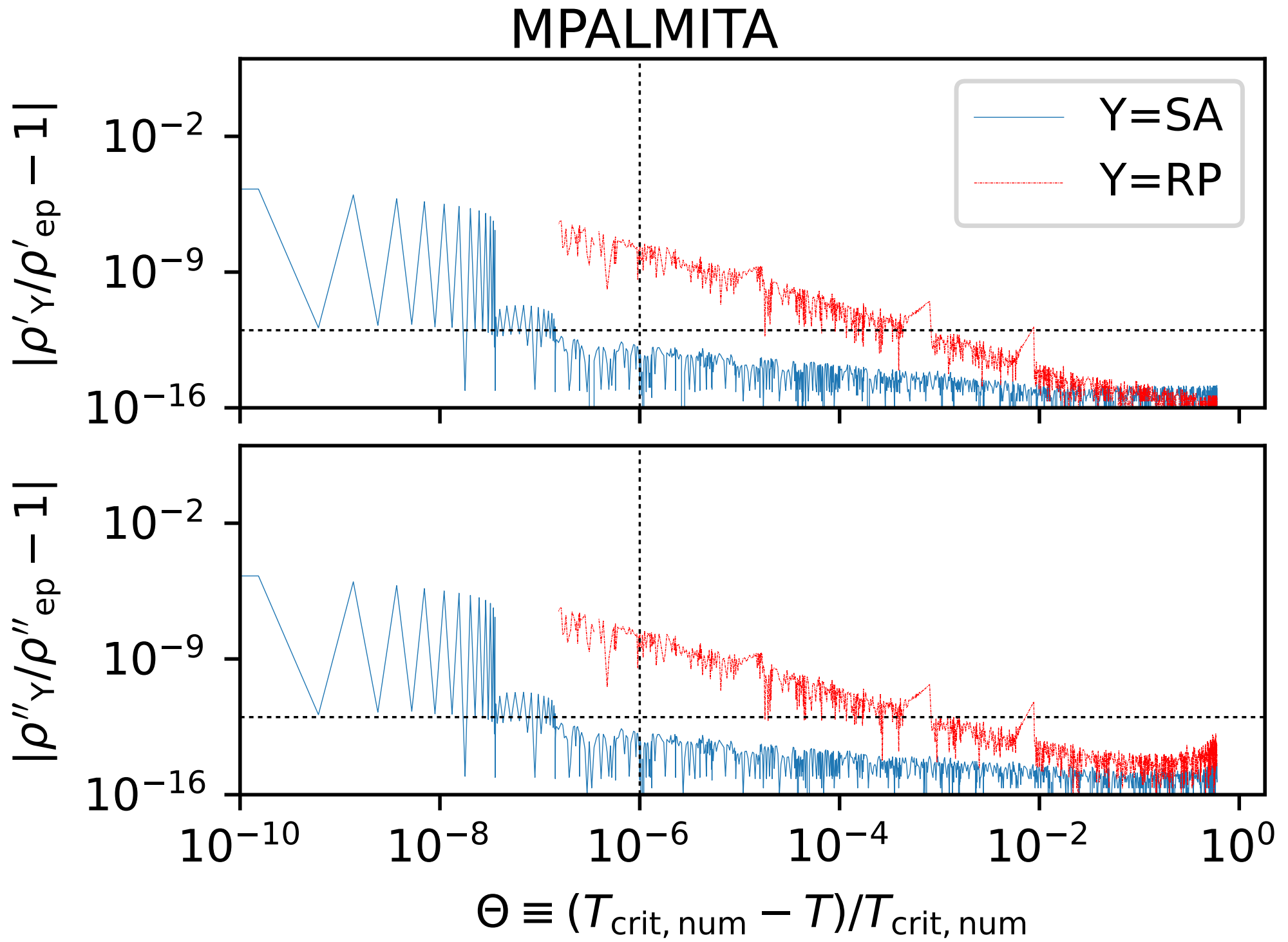

METHANOL
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

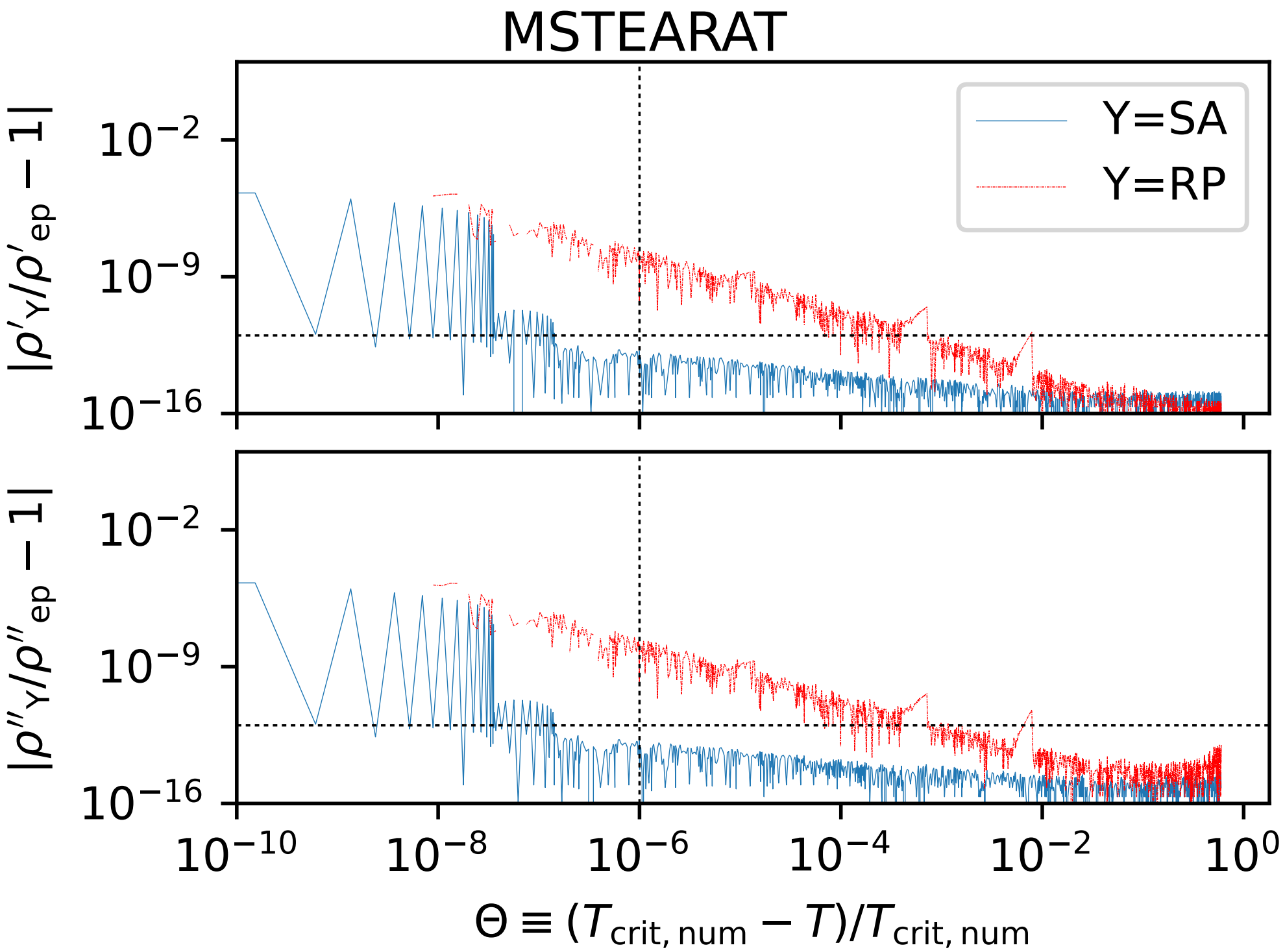

MLINOLEA
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

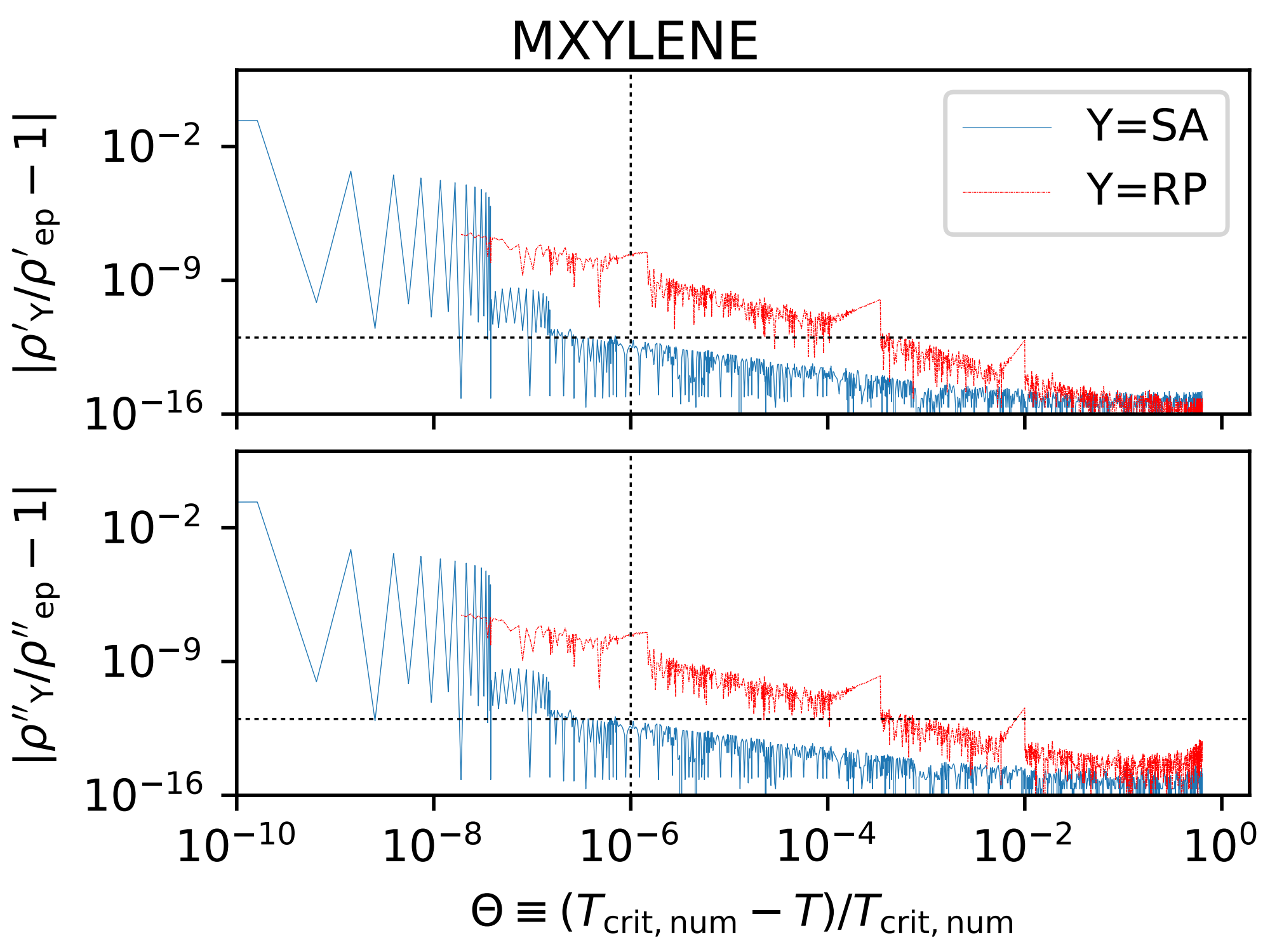

MLINOLEN
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

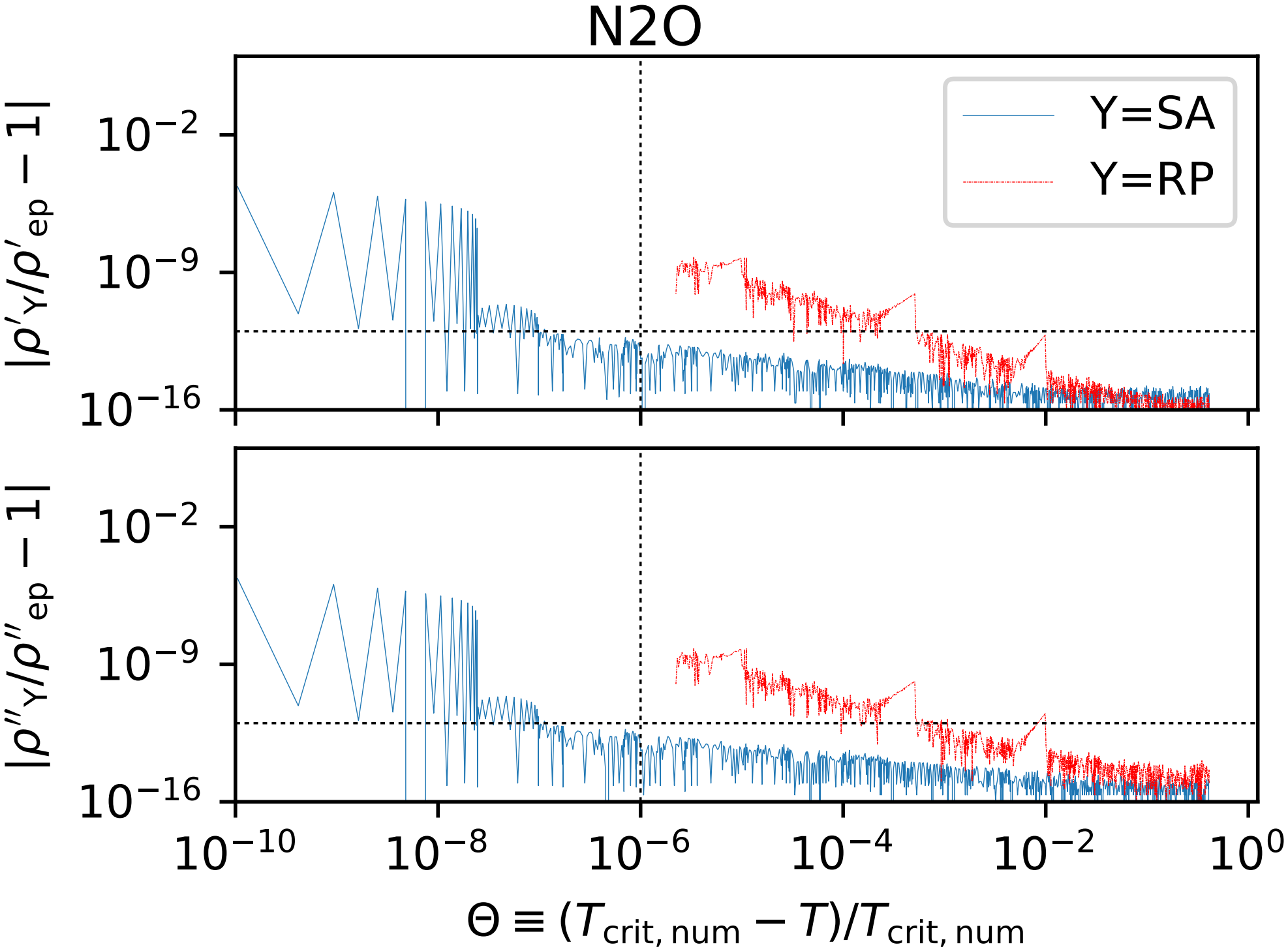

MM
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

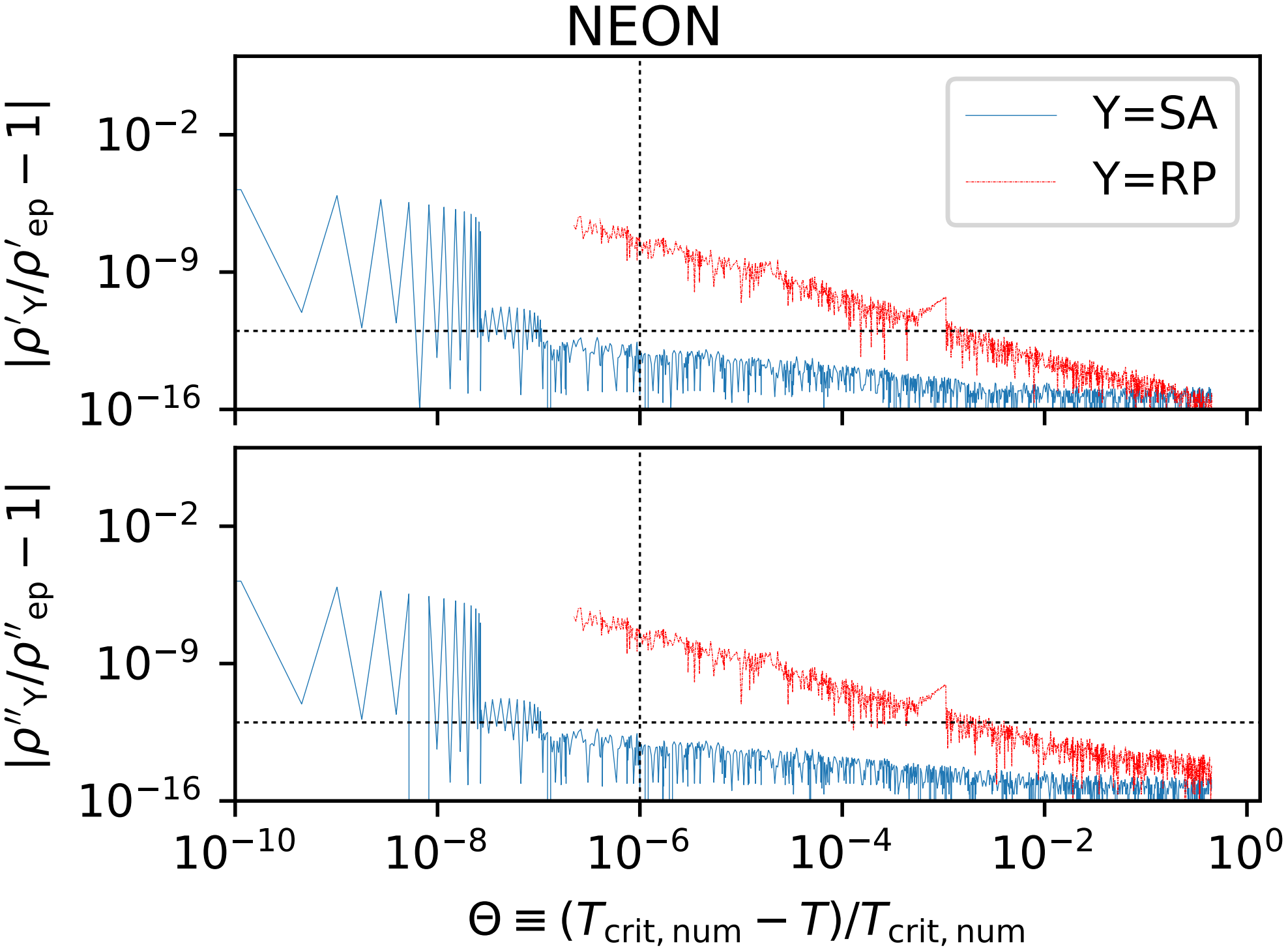

MOLEATE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

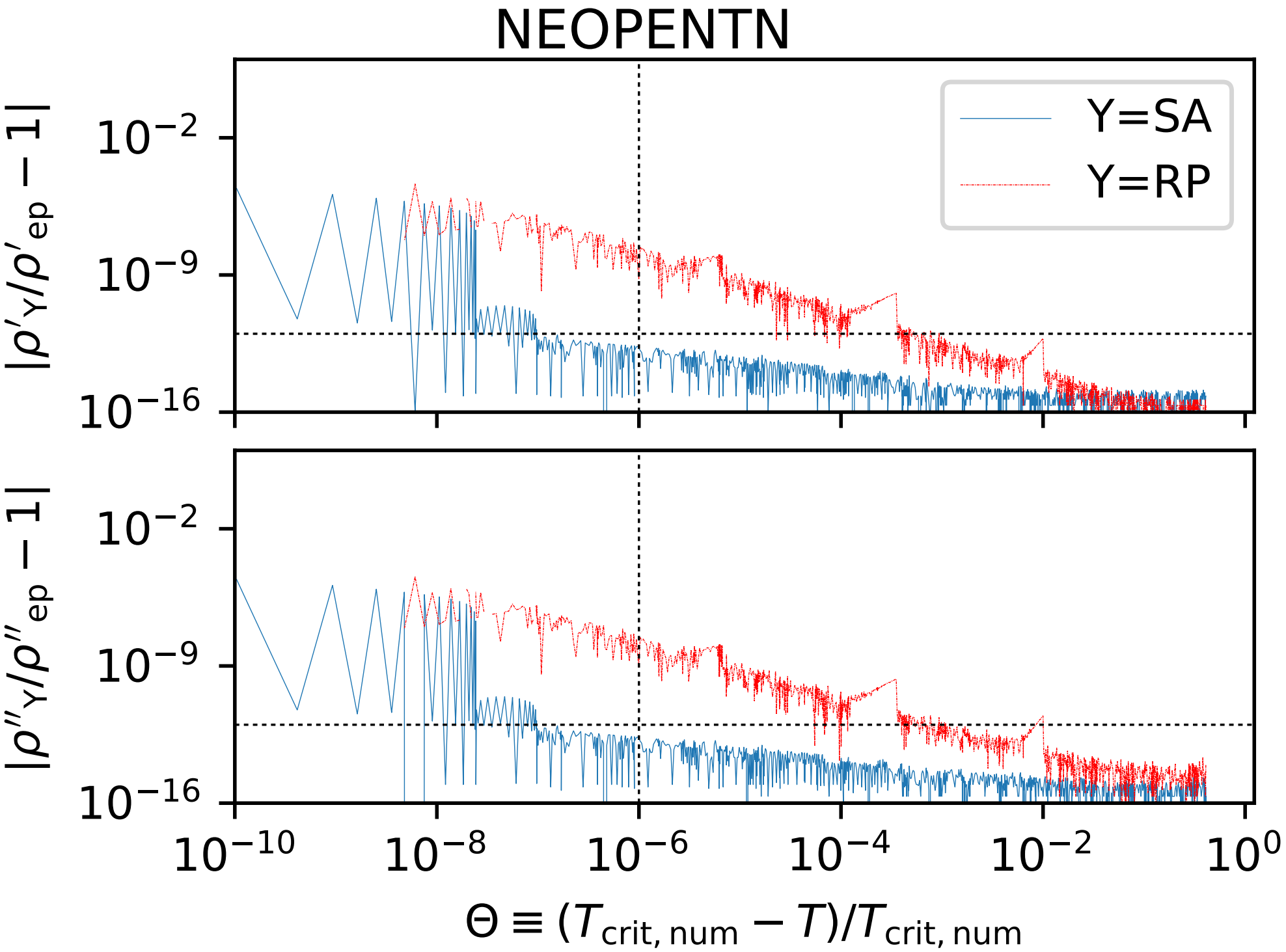

MPALMITA
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

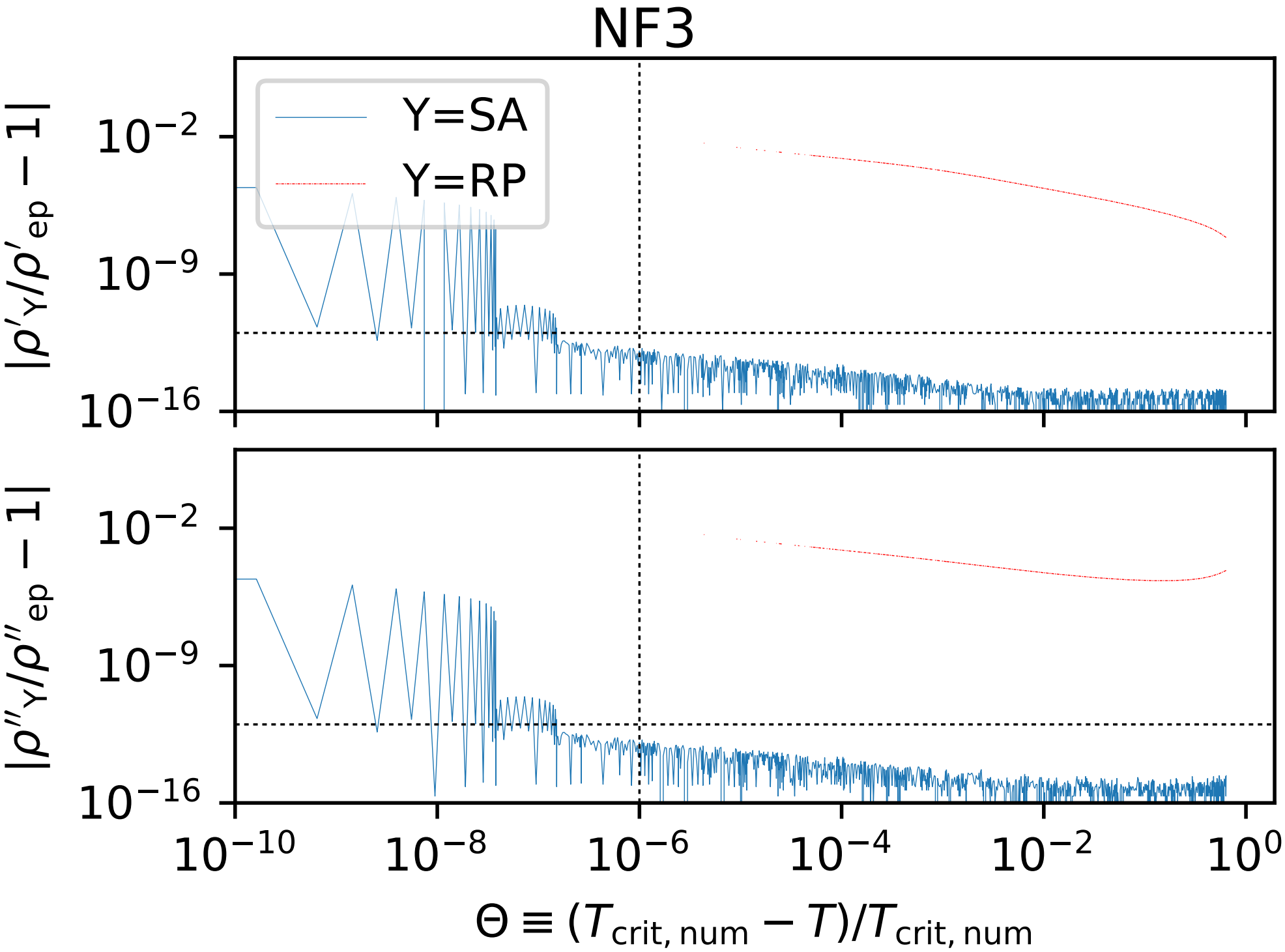

MSTEARAT
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

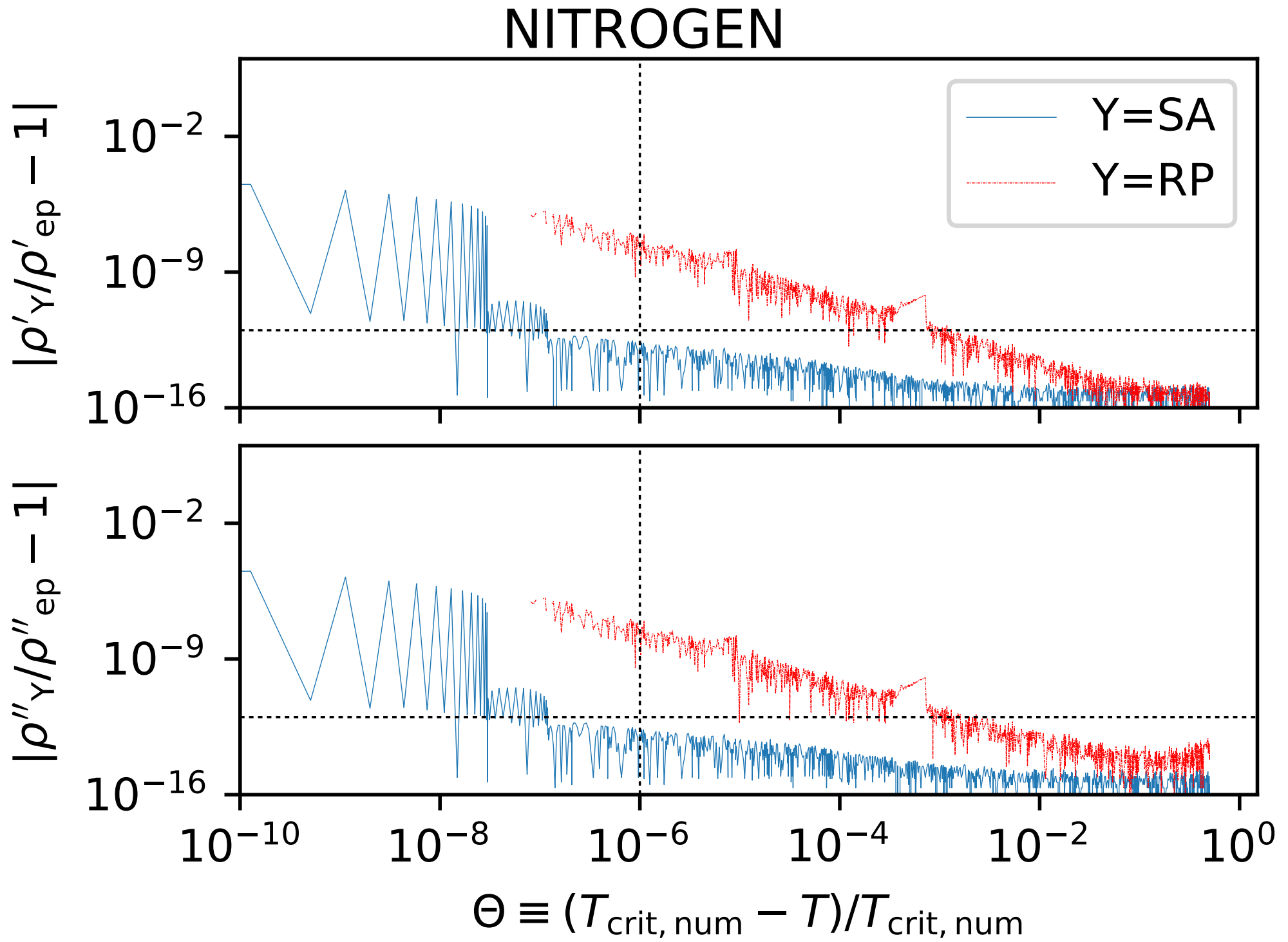

MXYLENE
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$

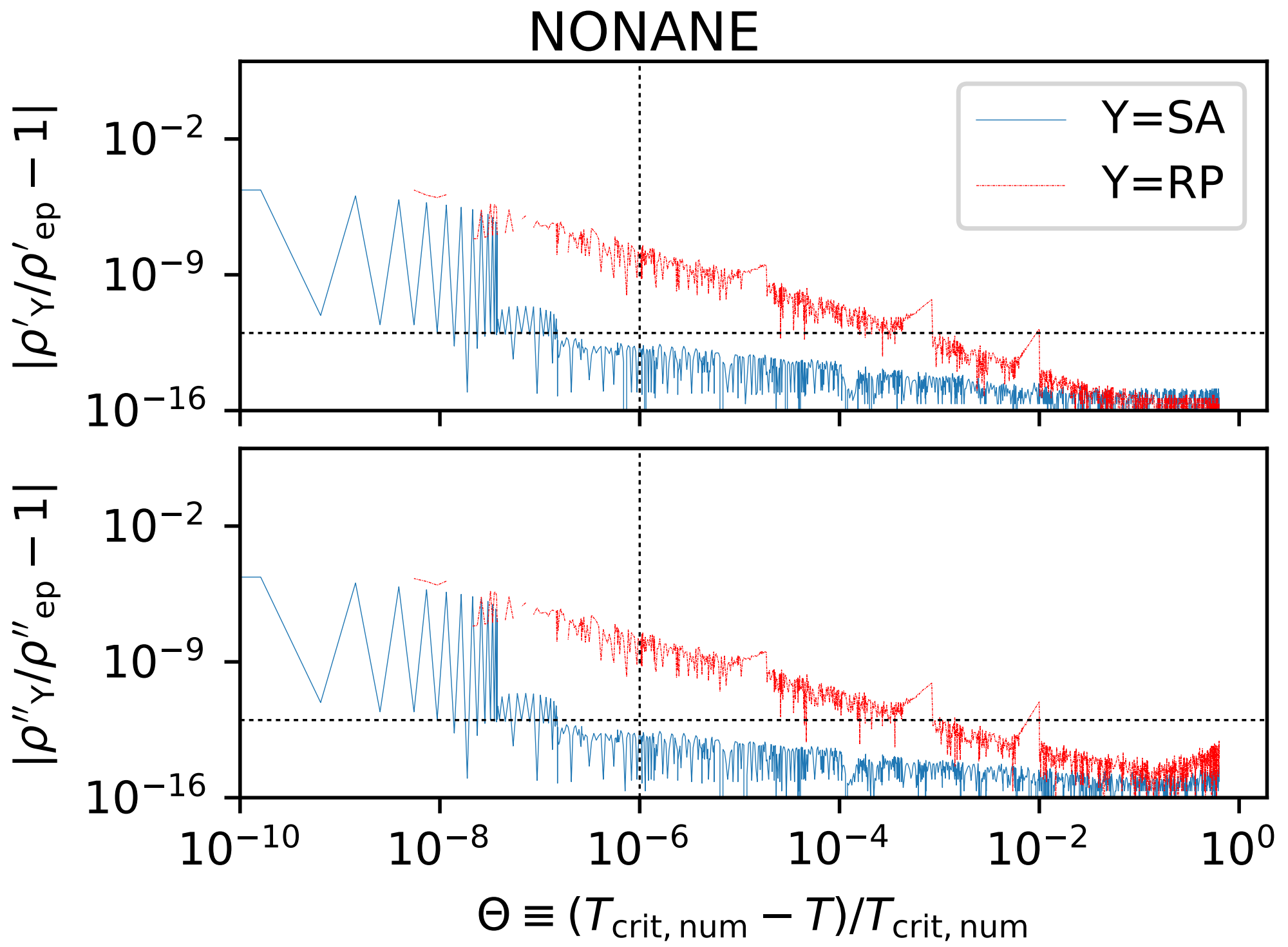

N2O
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

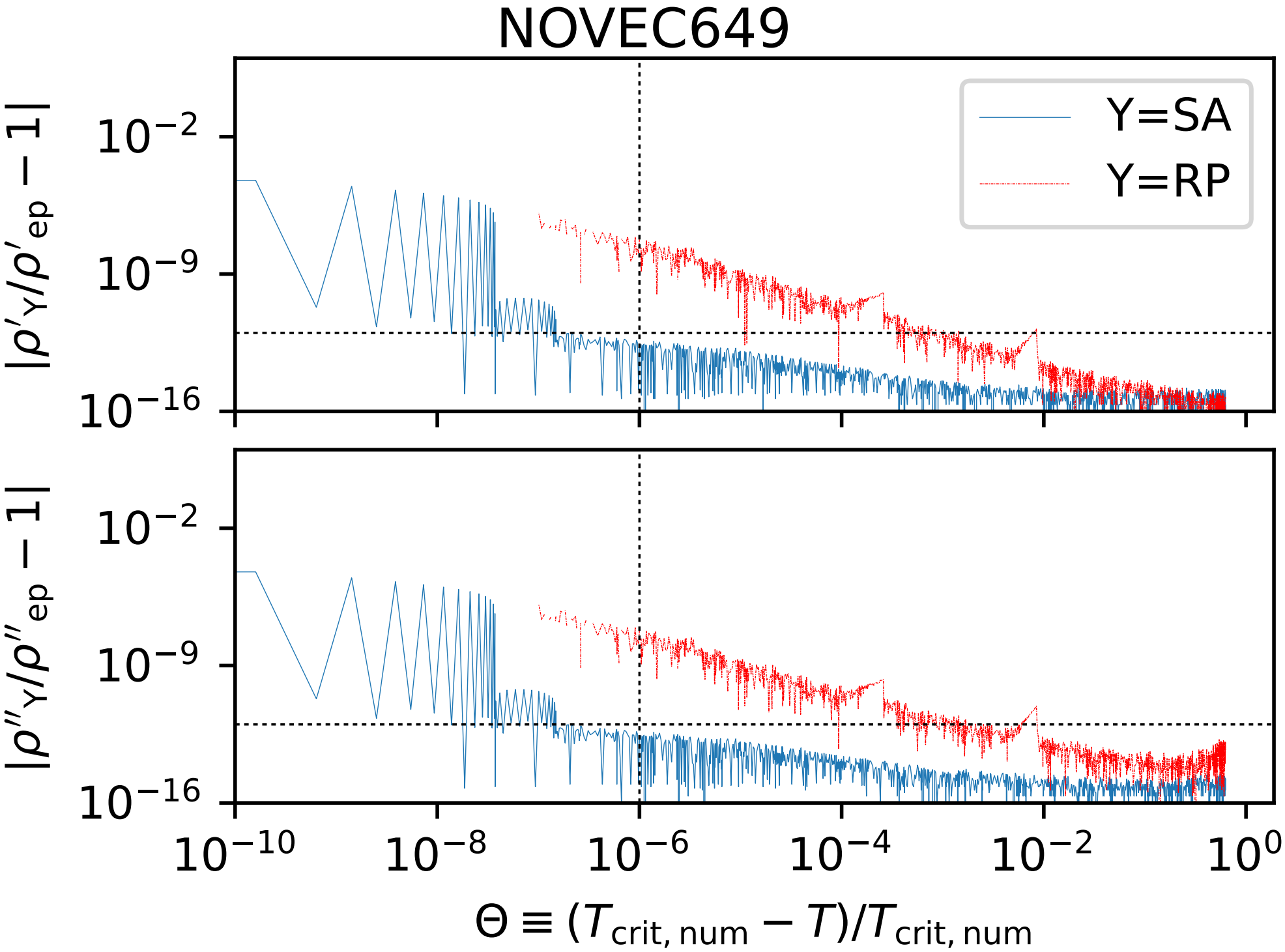

NEON
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

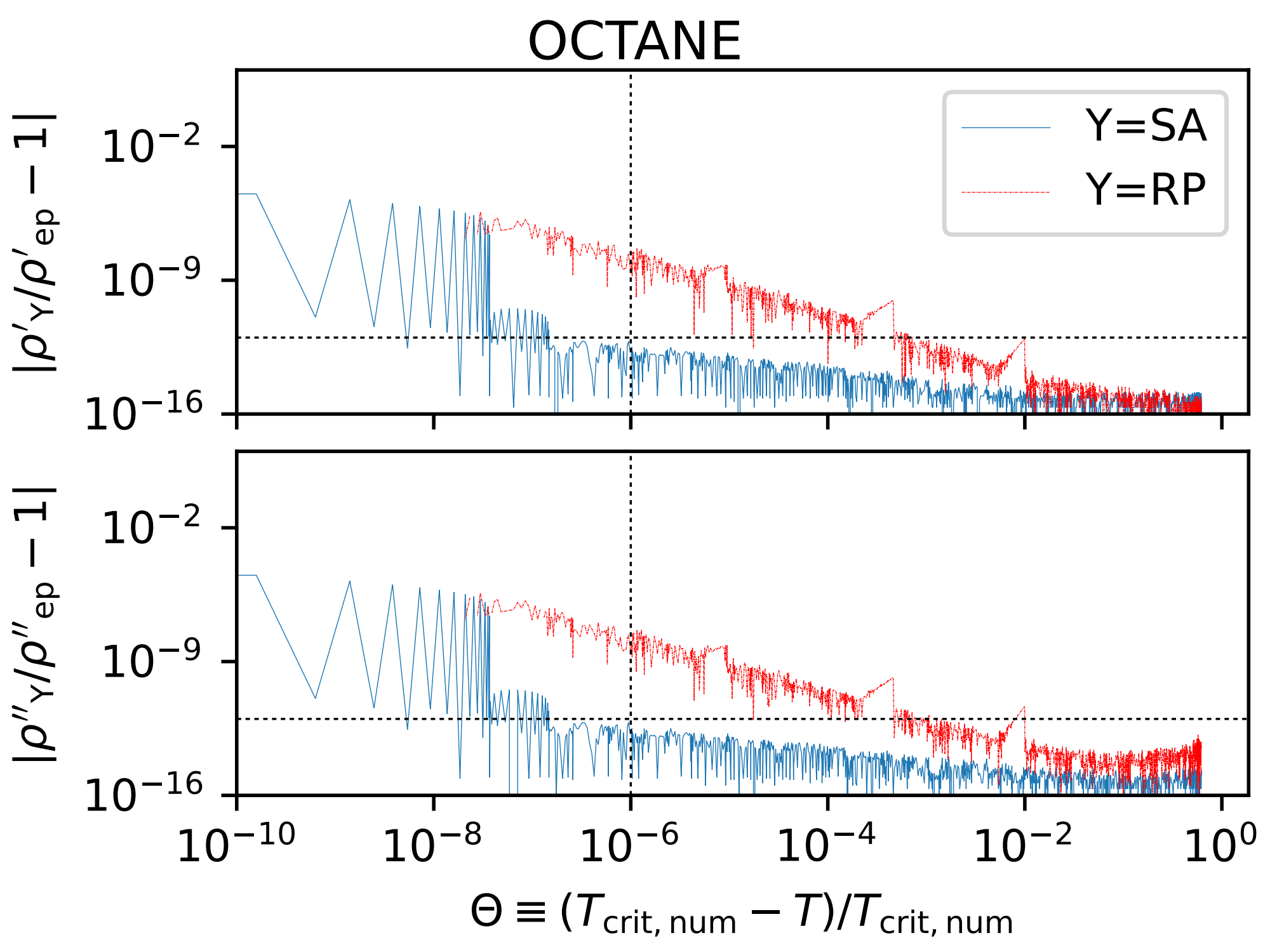

NEOPENTN
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

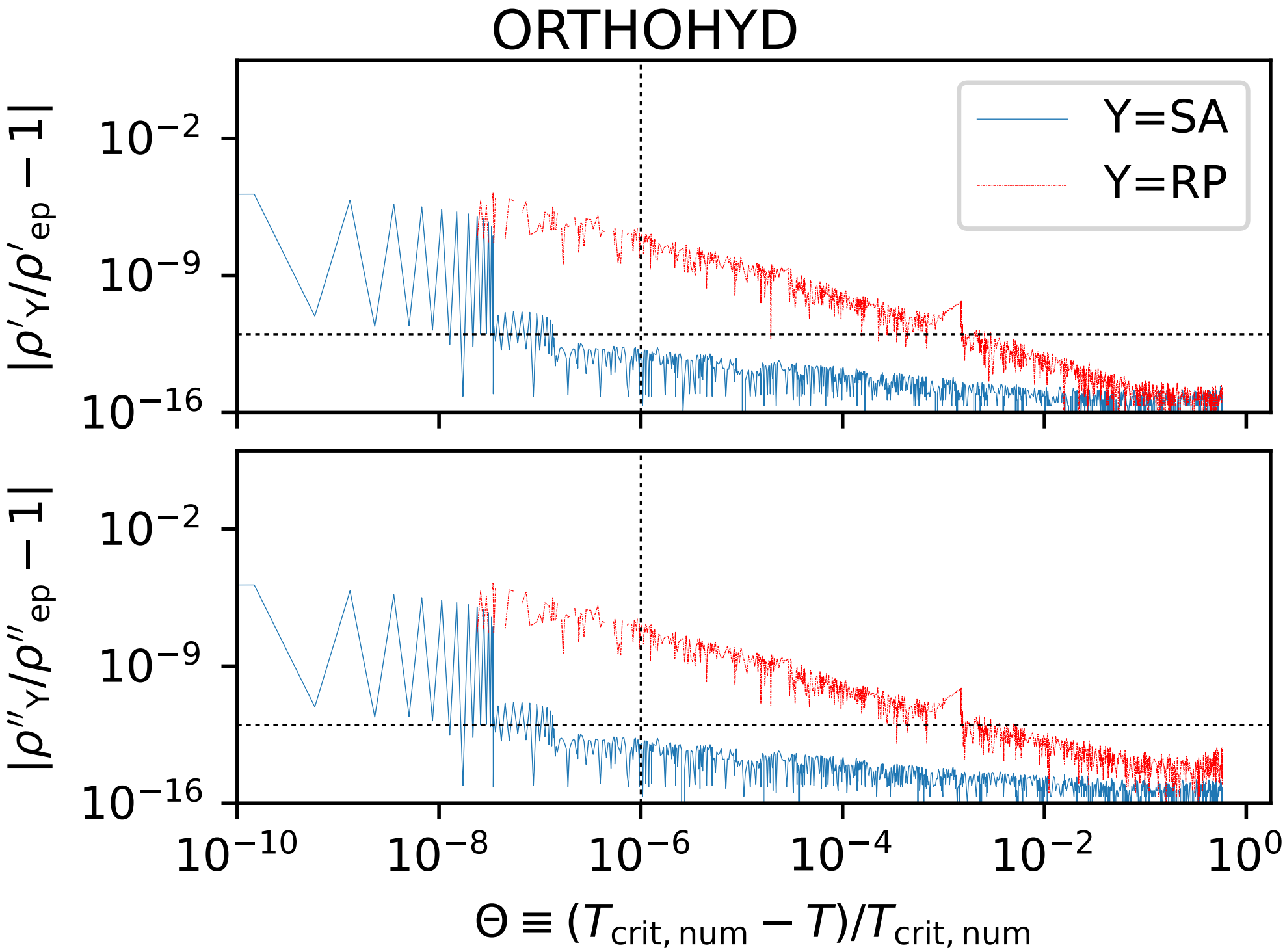

NF3
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

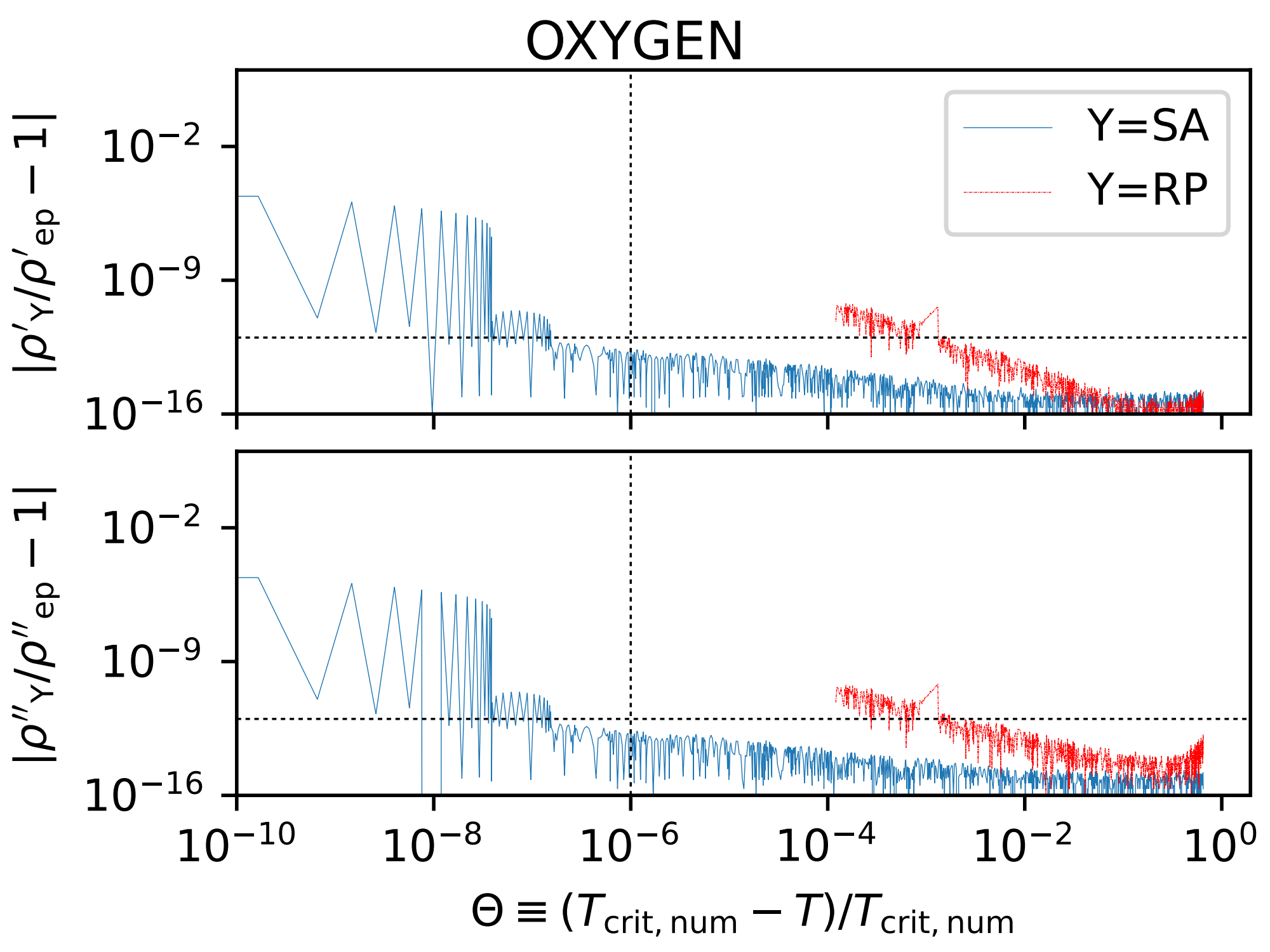

NITROGEN
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

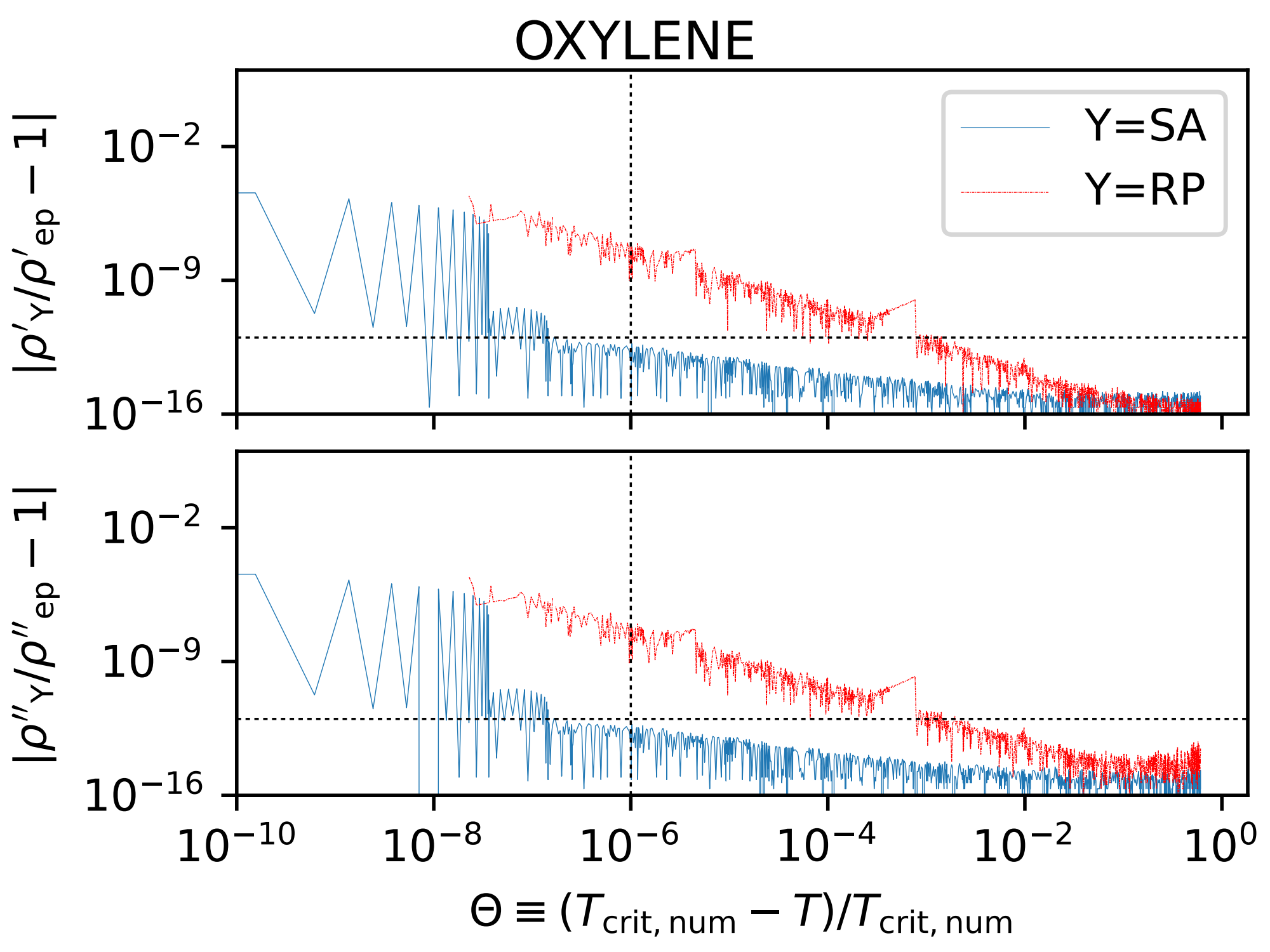

NONANE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

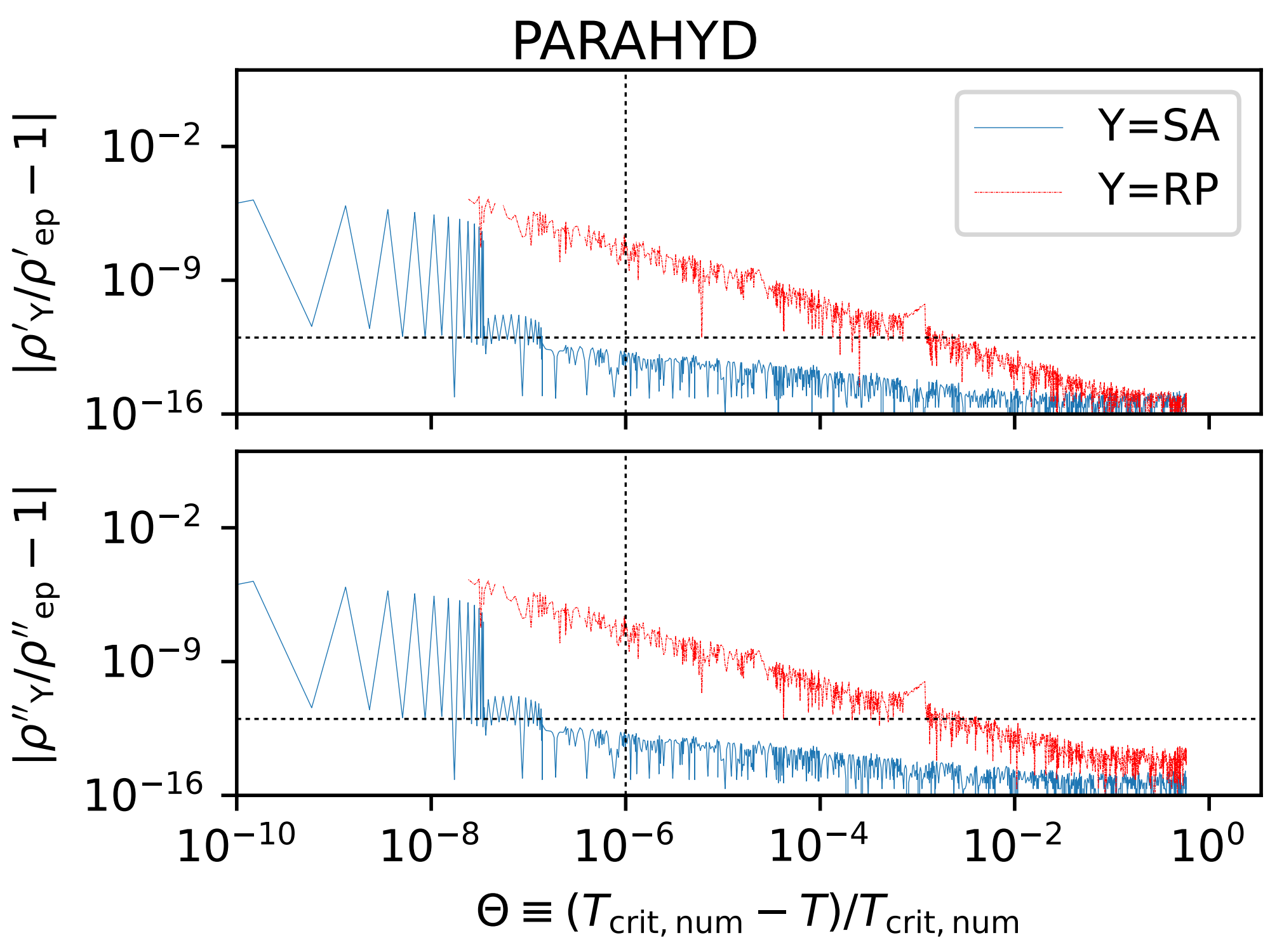

NOVEC649
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

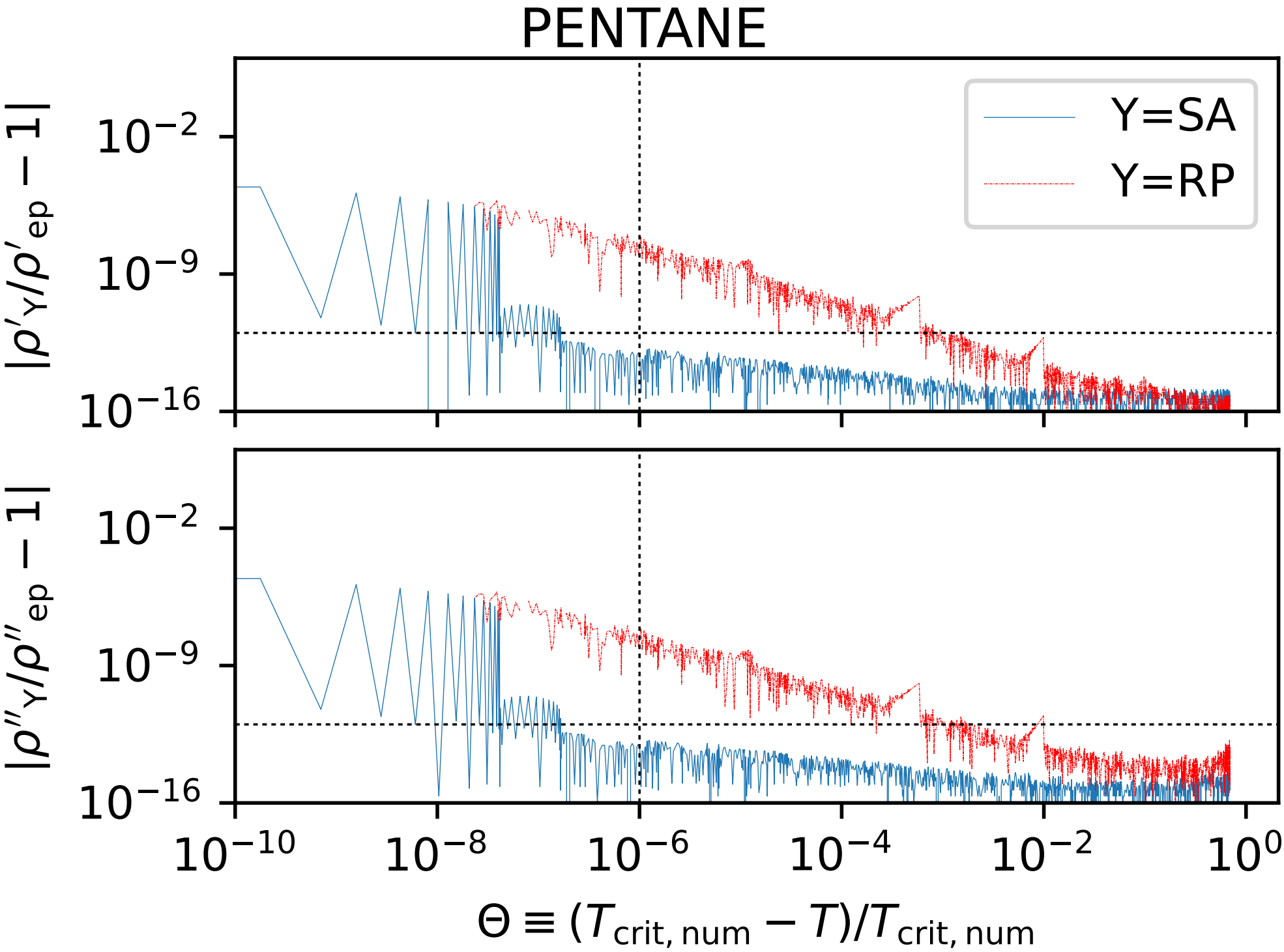

OCTANE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

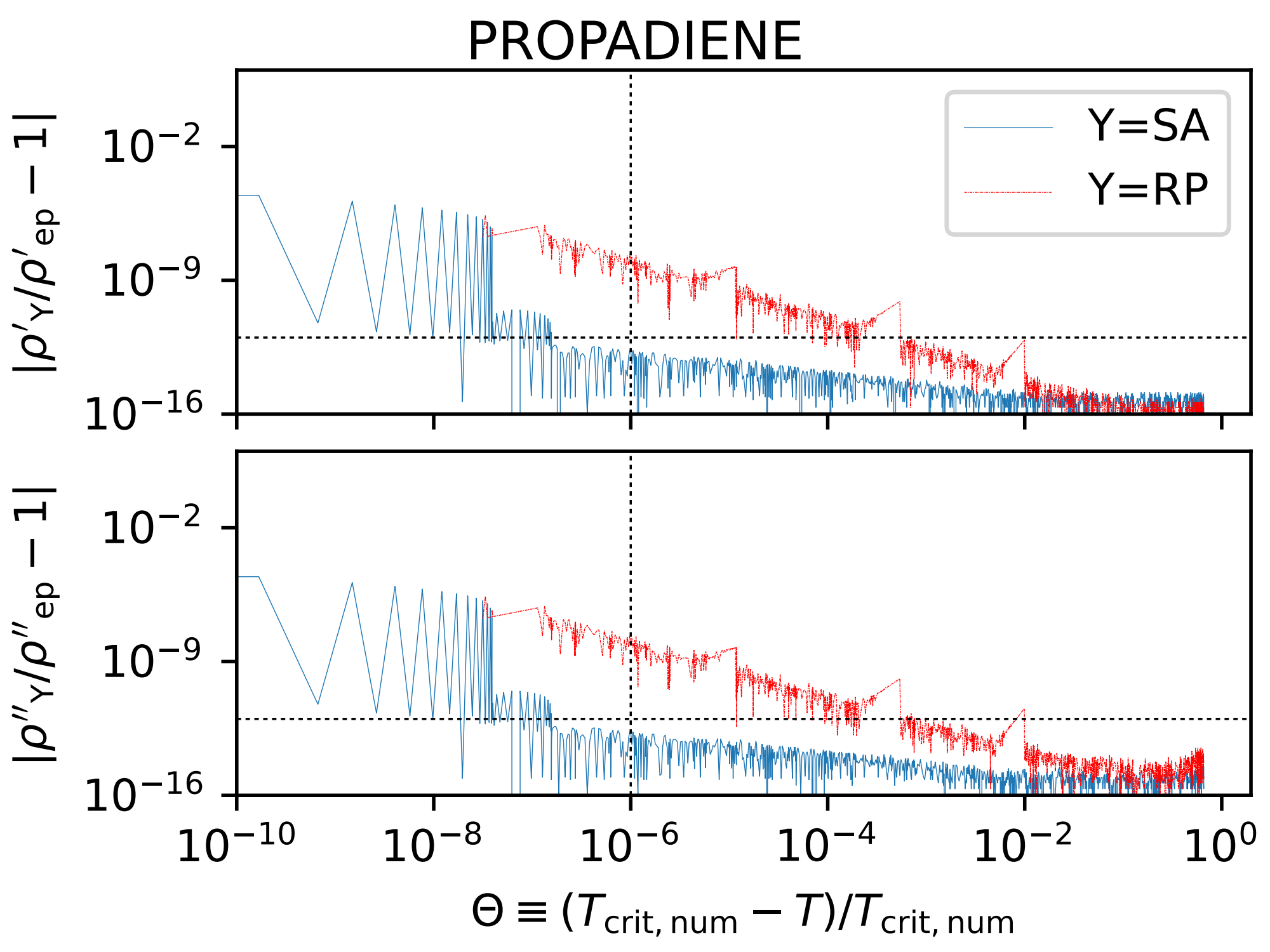

ORTHOHYD
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

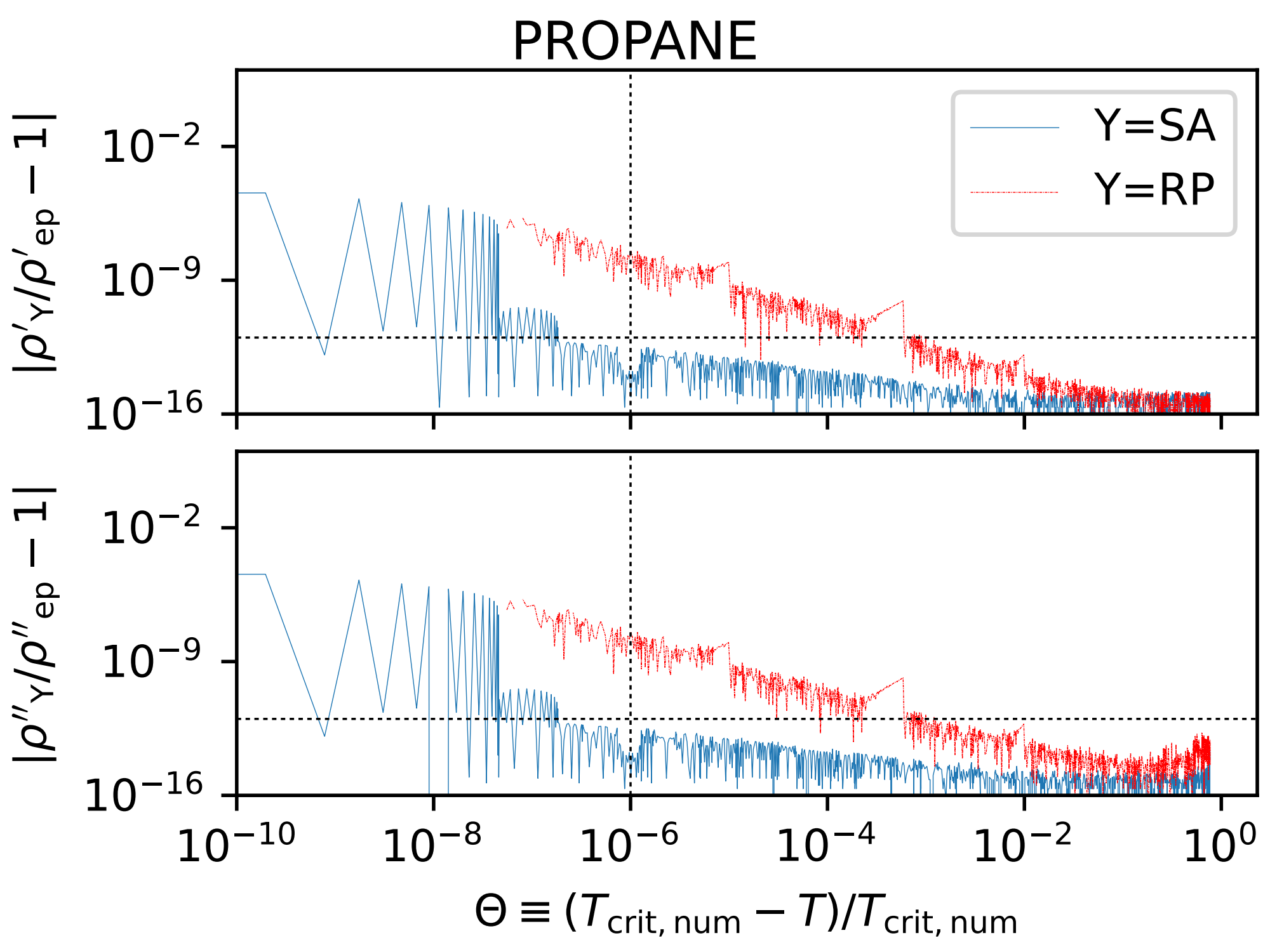

OXYGEN
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

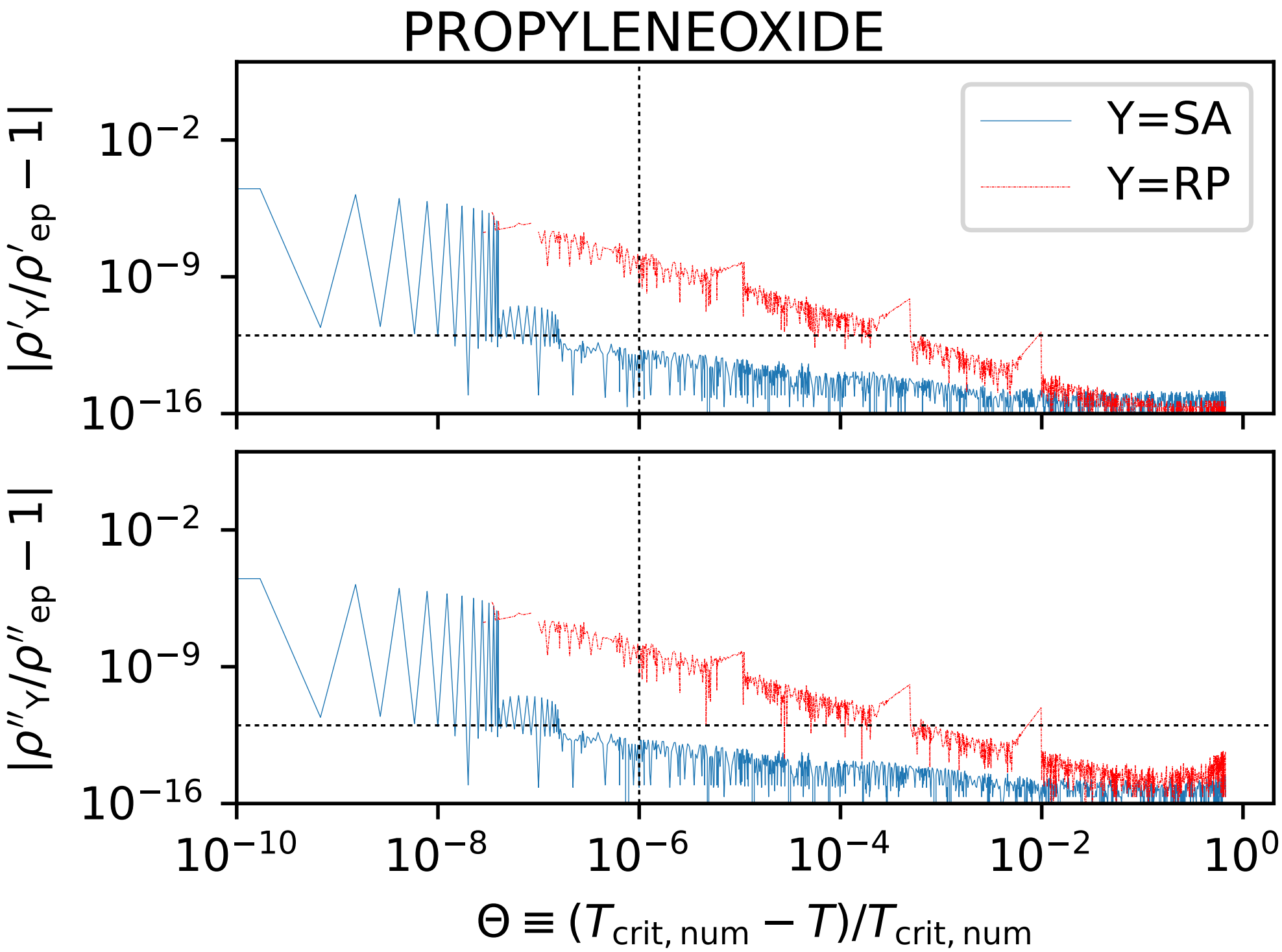

OXYLENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

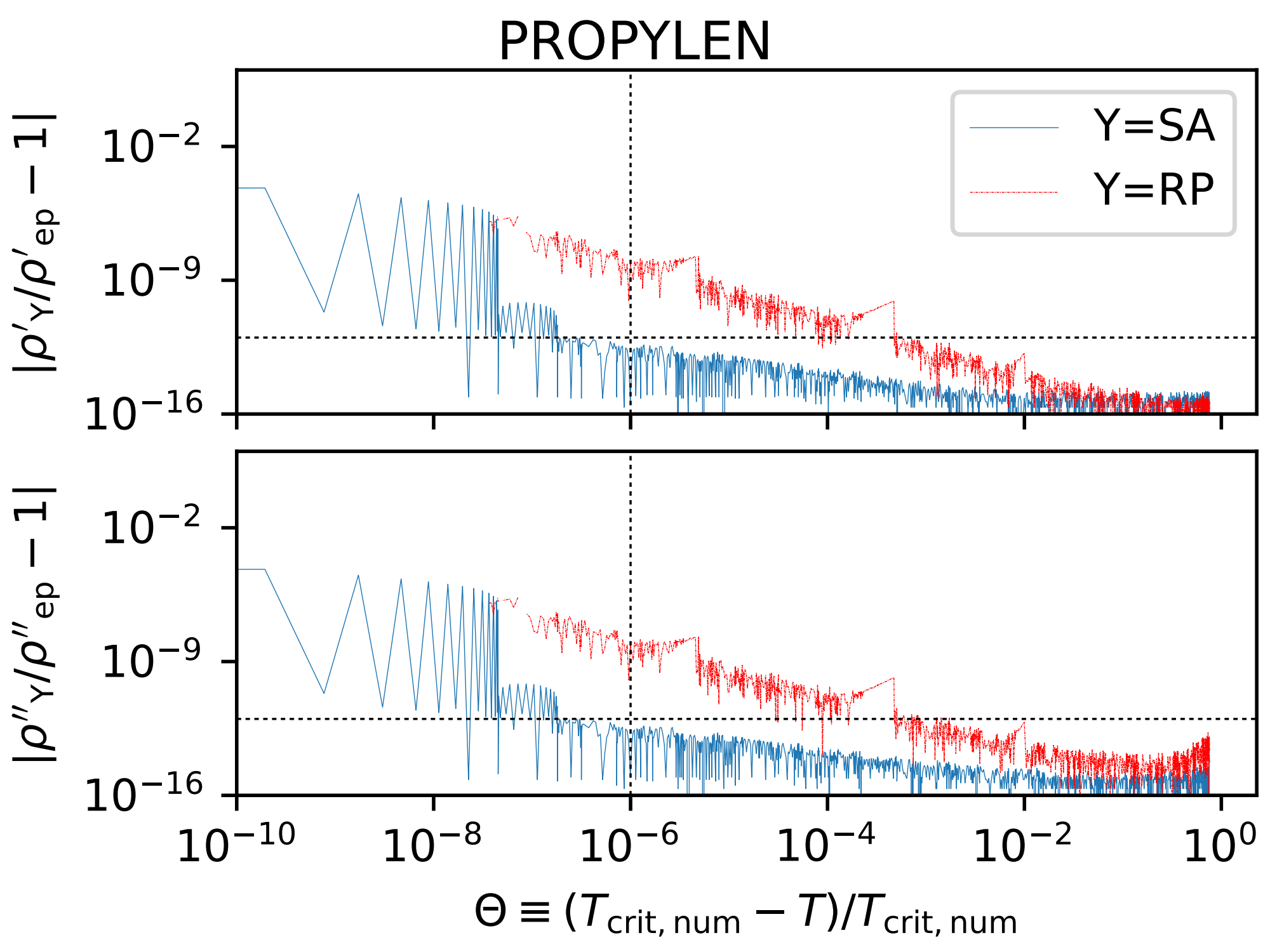

PARAHYD
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

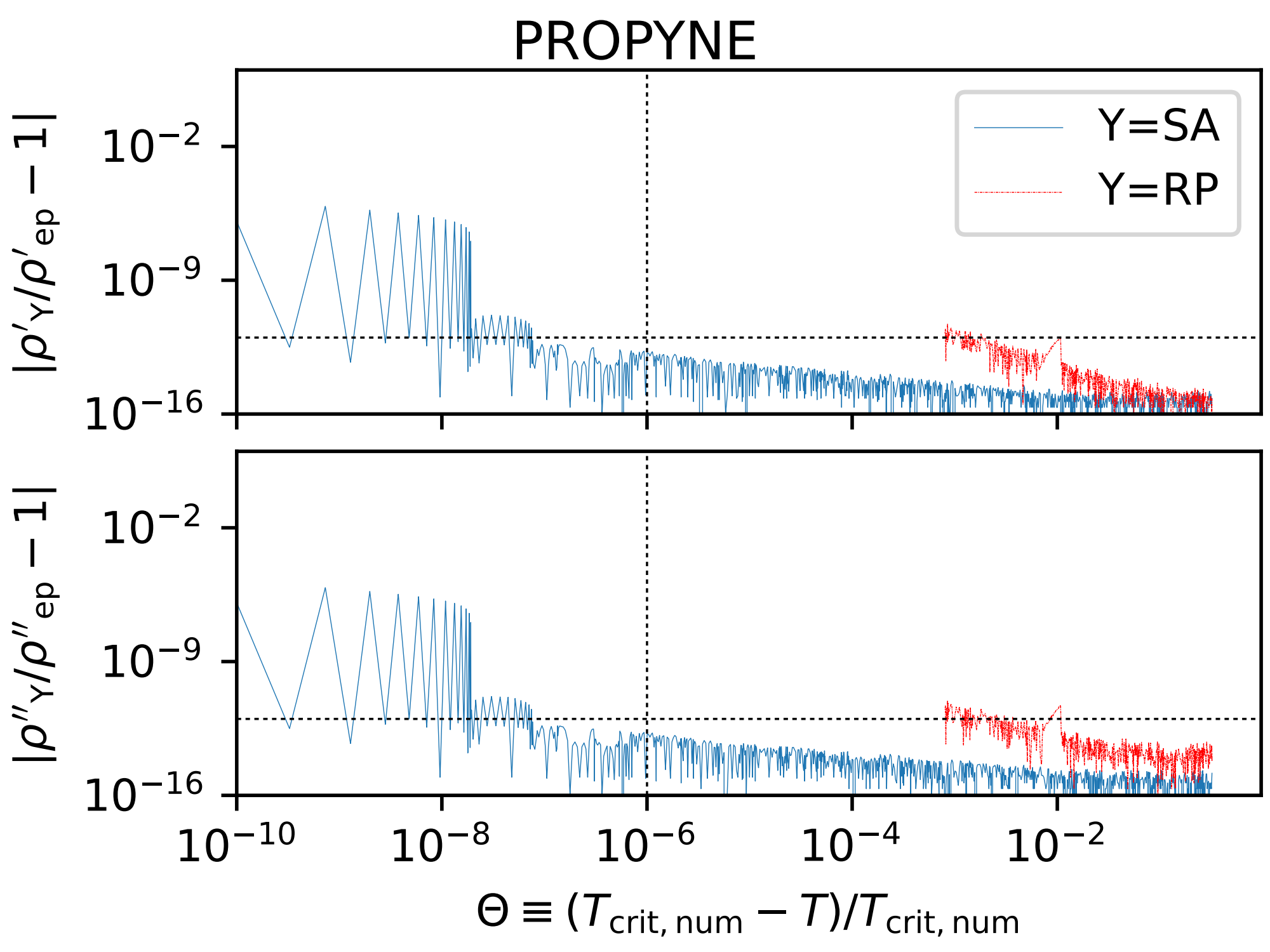

PENTANE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

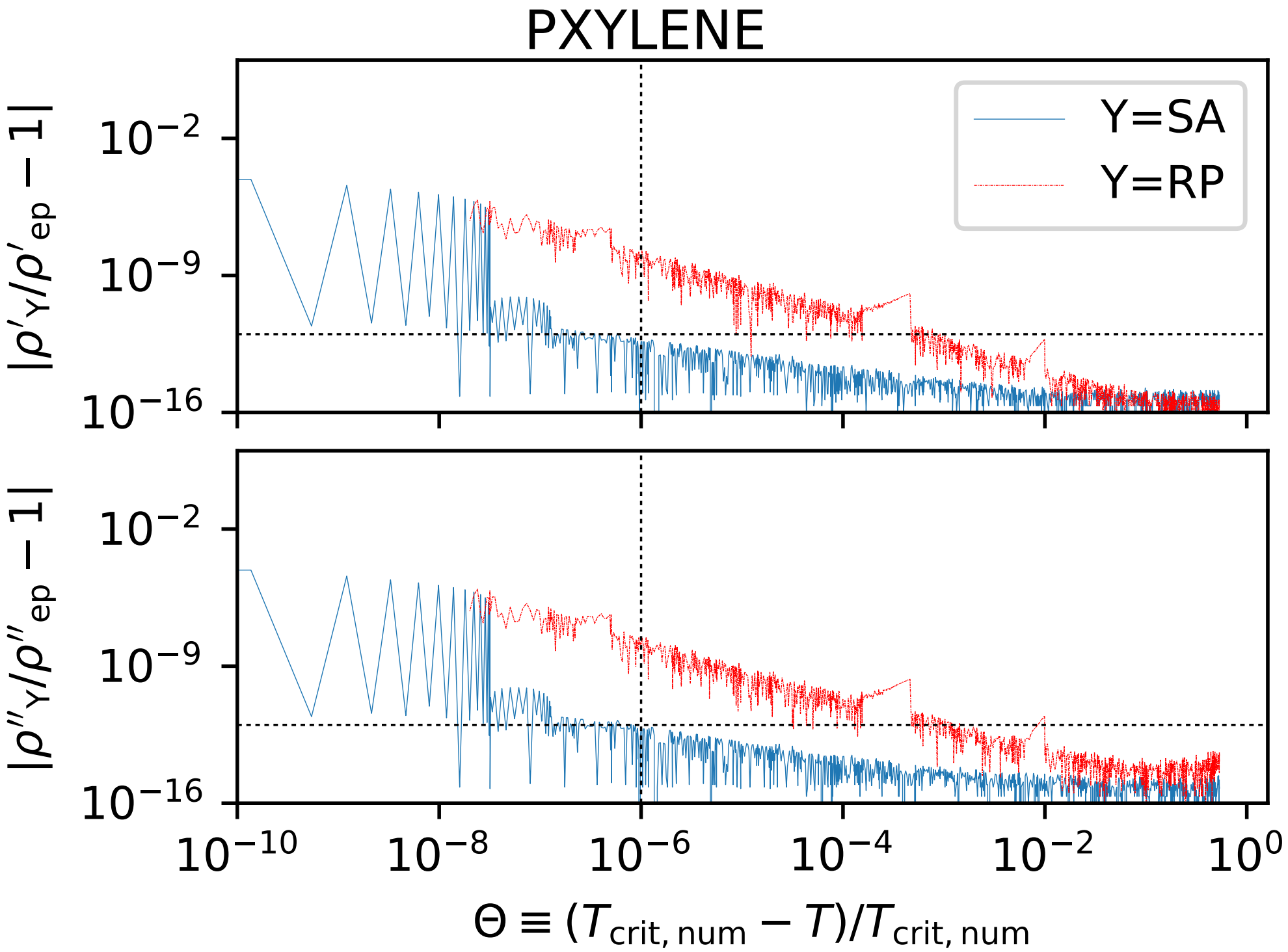

PROPADIENE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

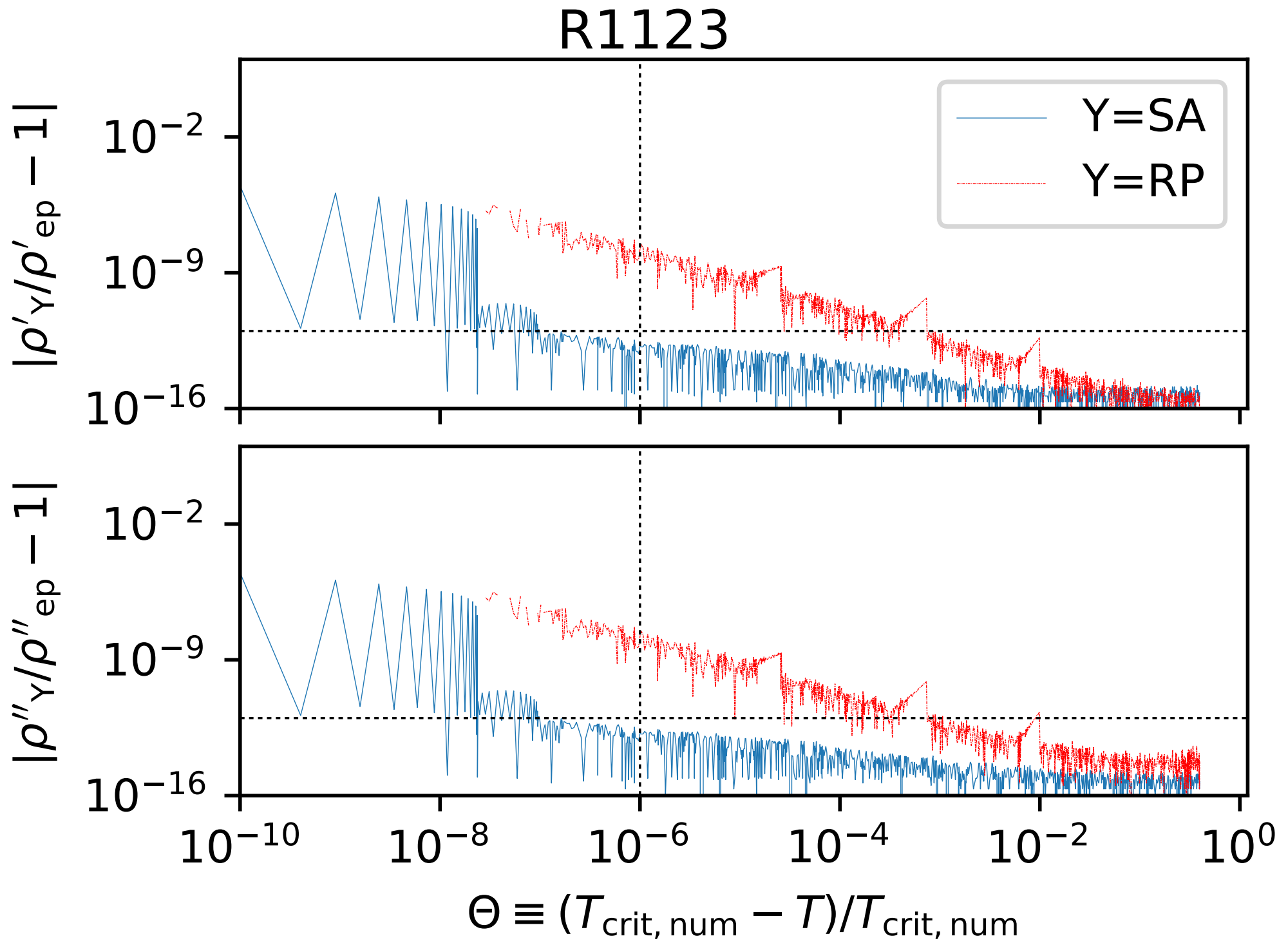

PROPANE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

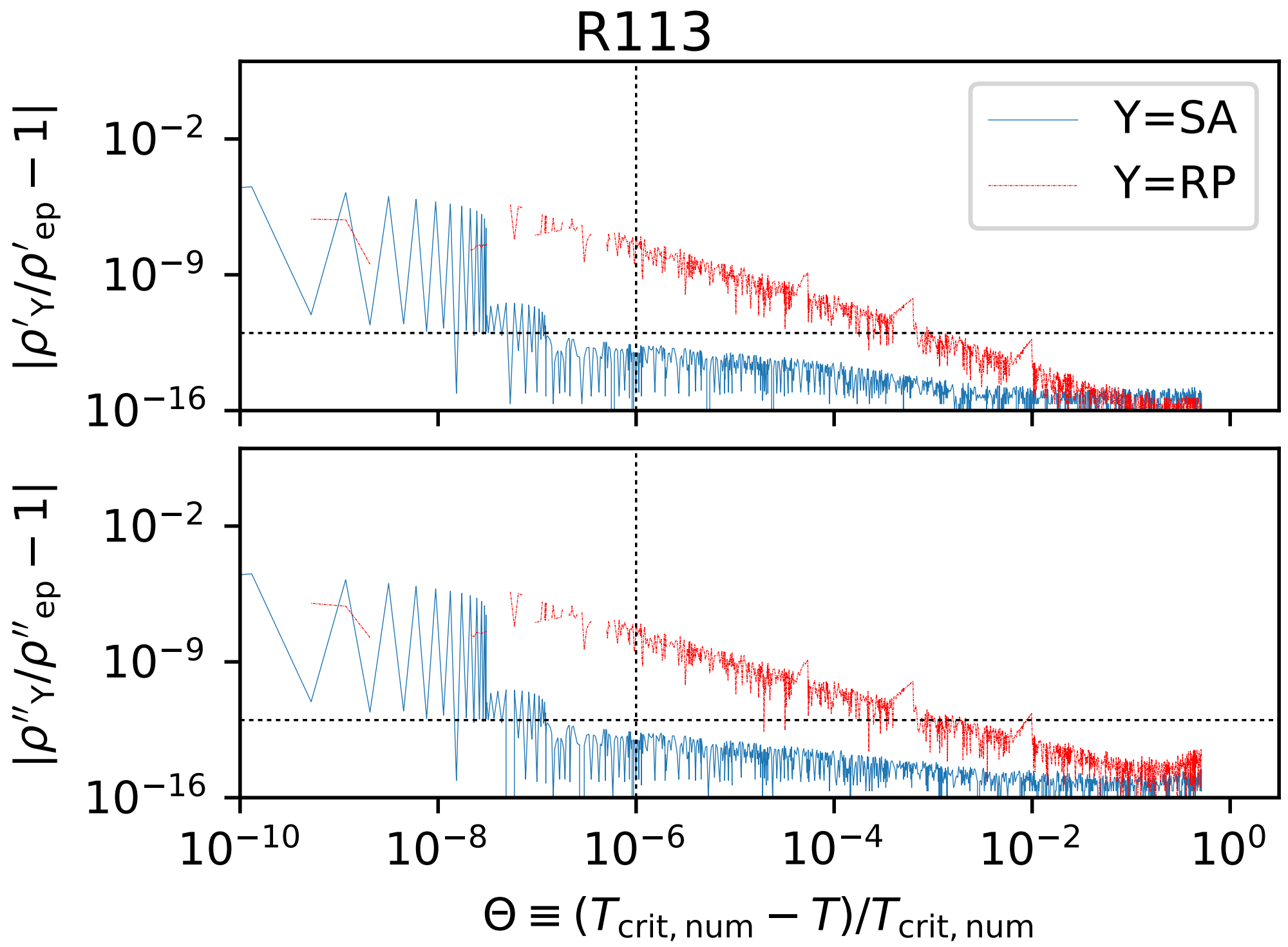

PROPYLENEOXIDE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

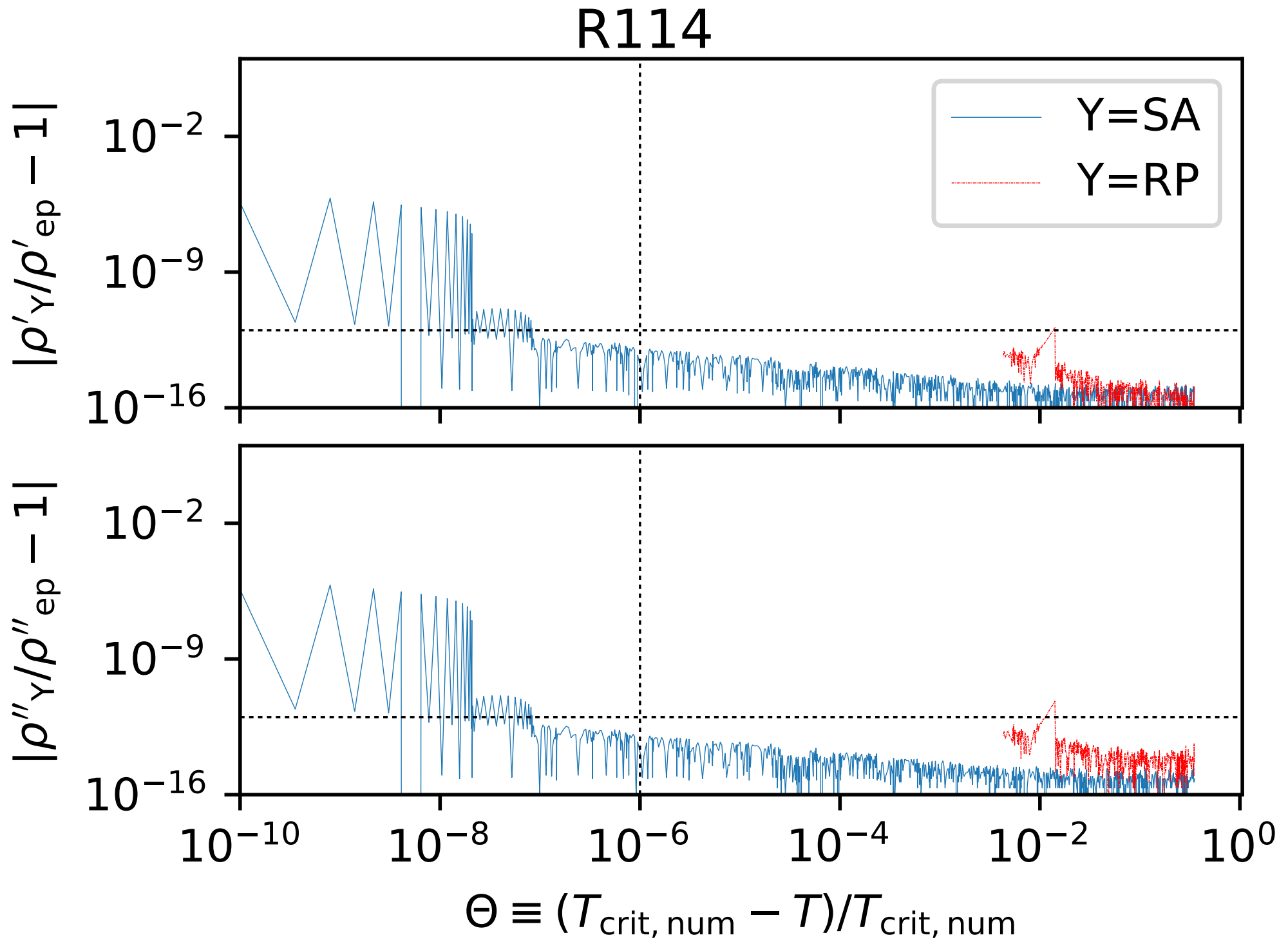

PROPYLEN
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

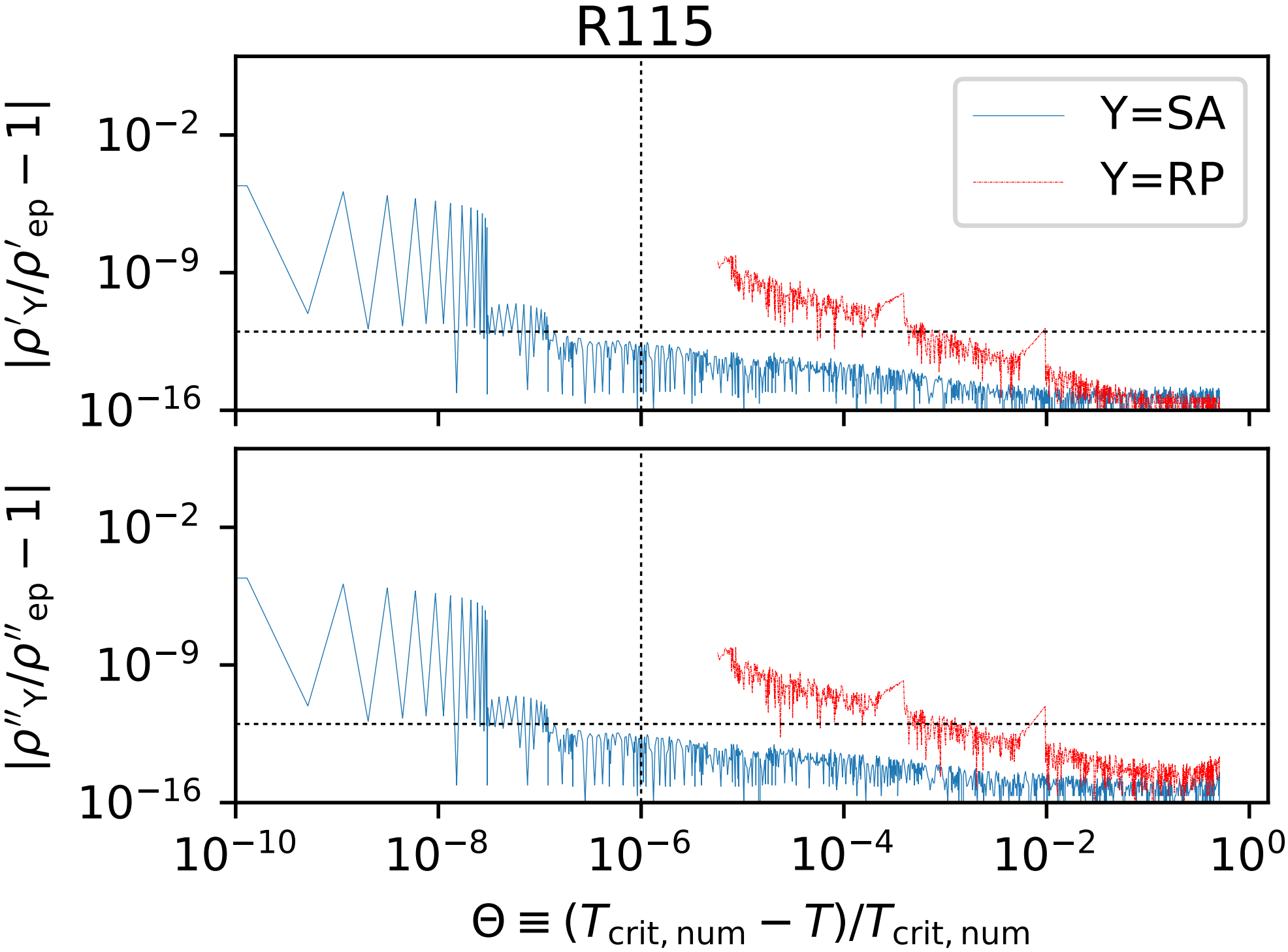

PROPYNE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

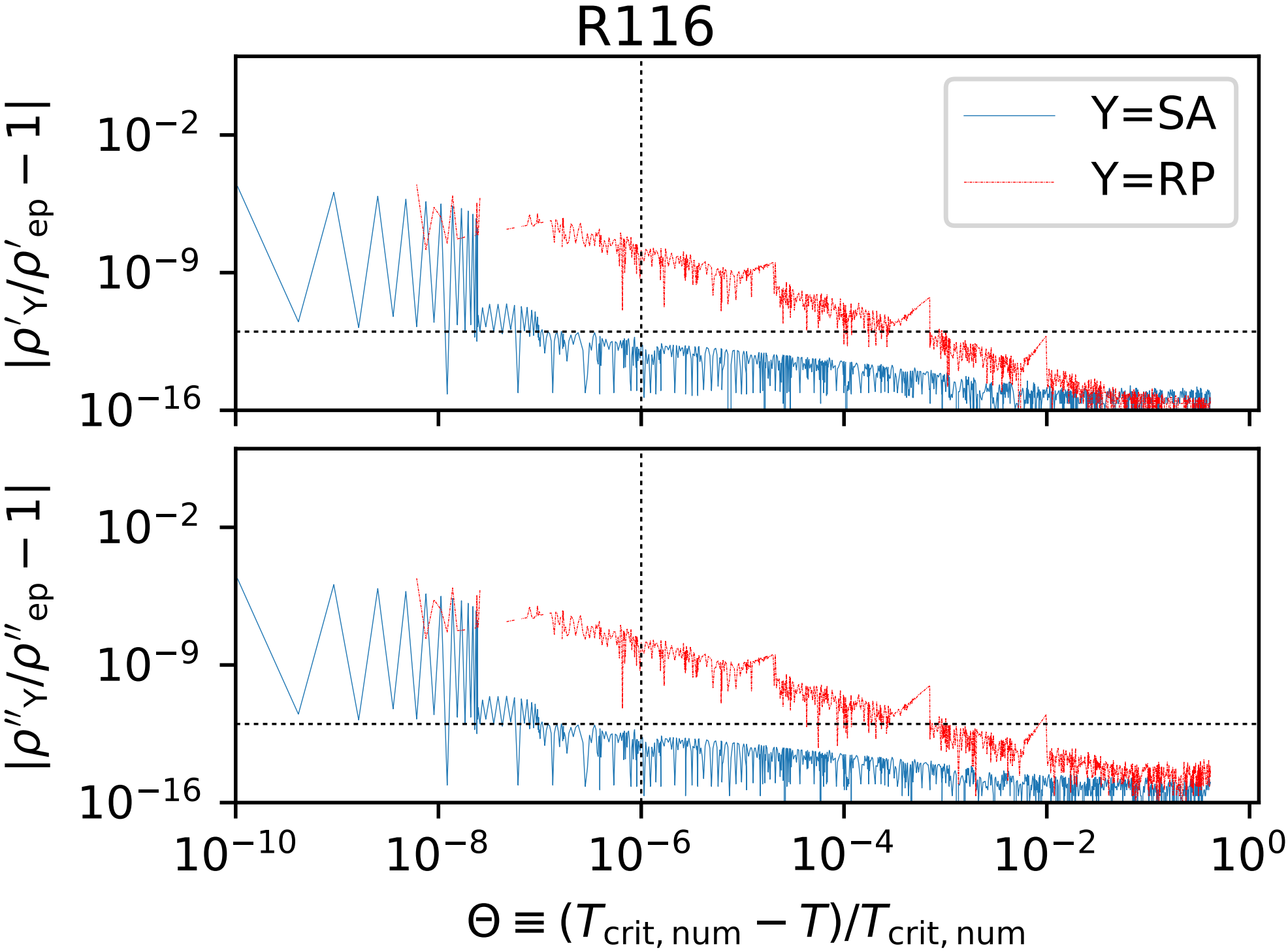

PXYLENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

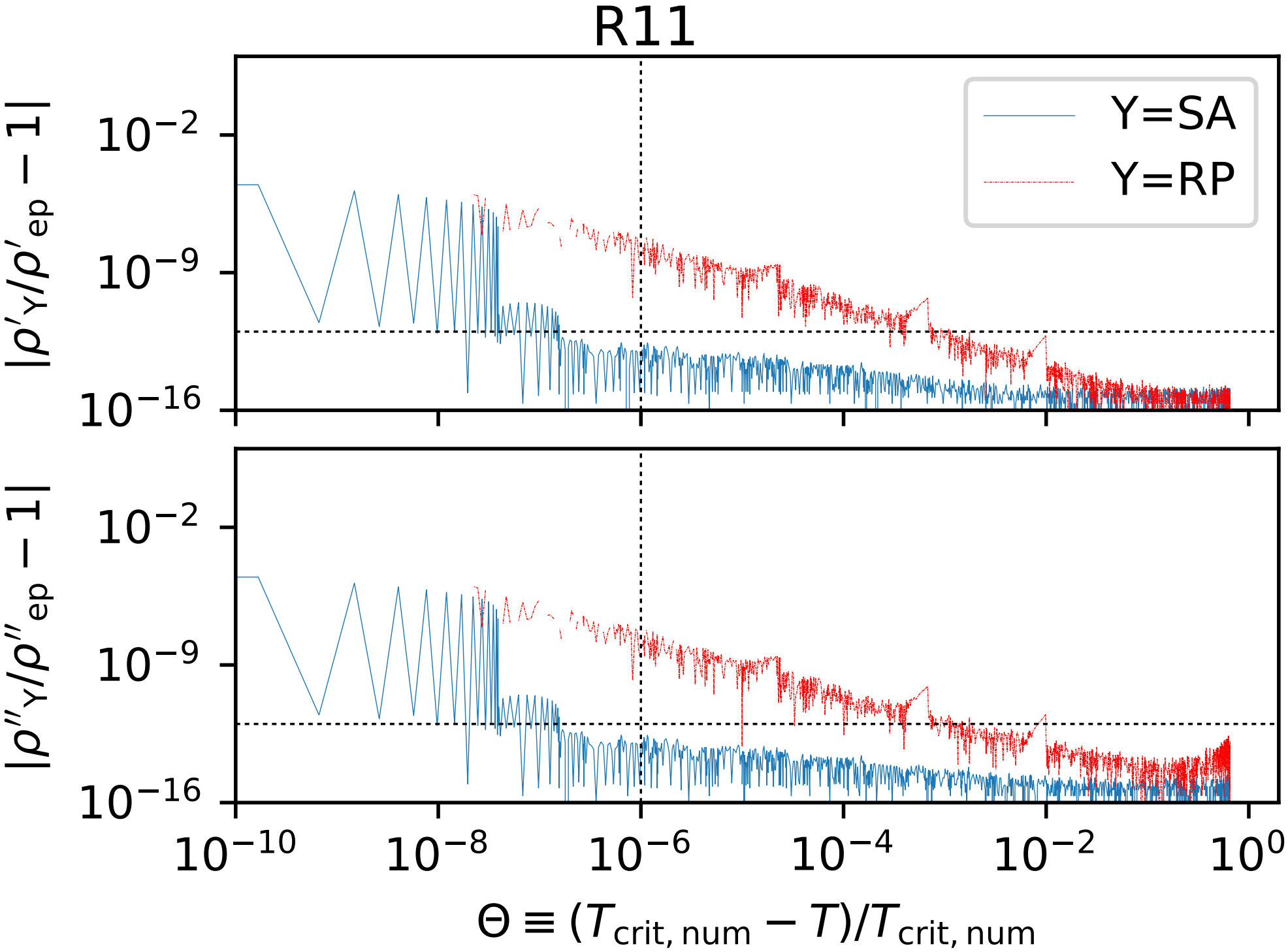

R1123
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

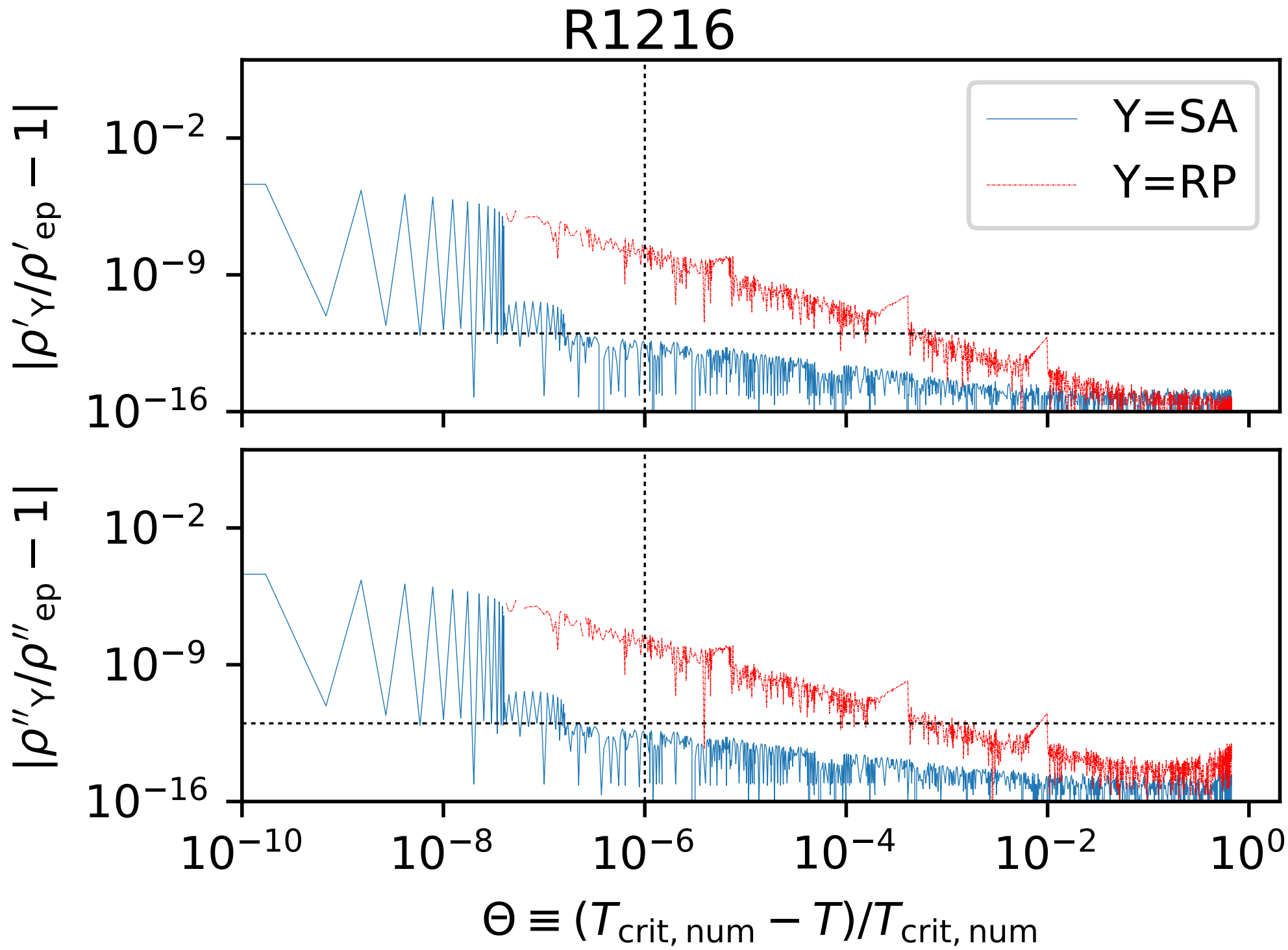

R113
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

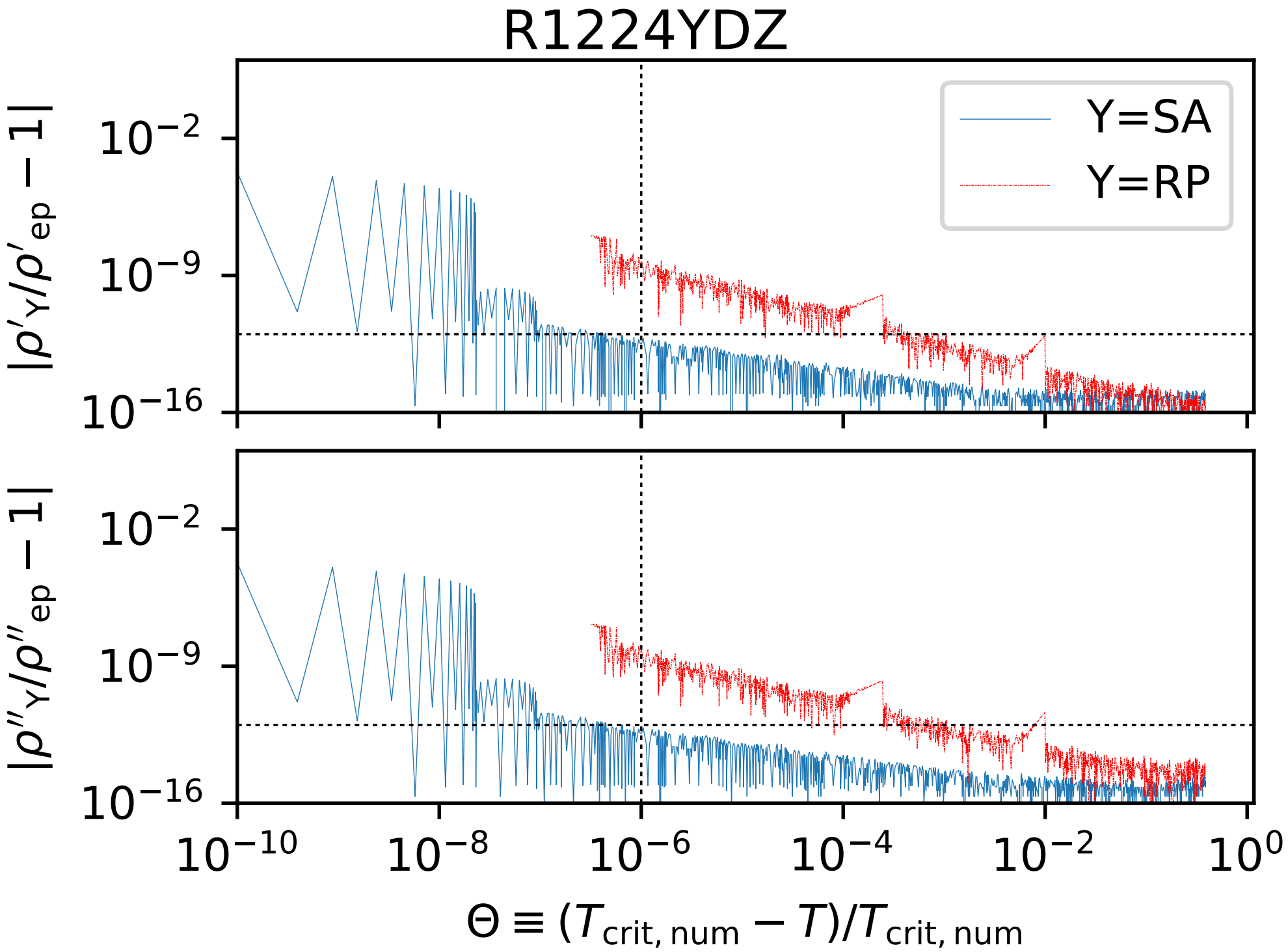

R114
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

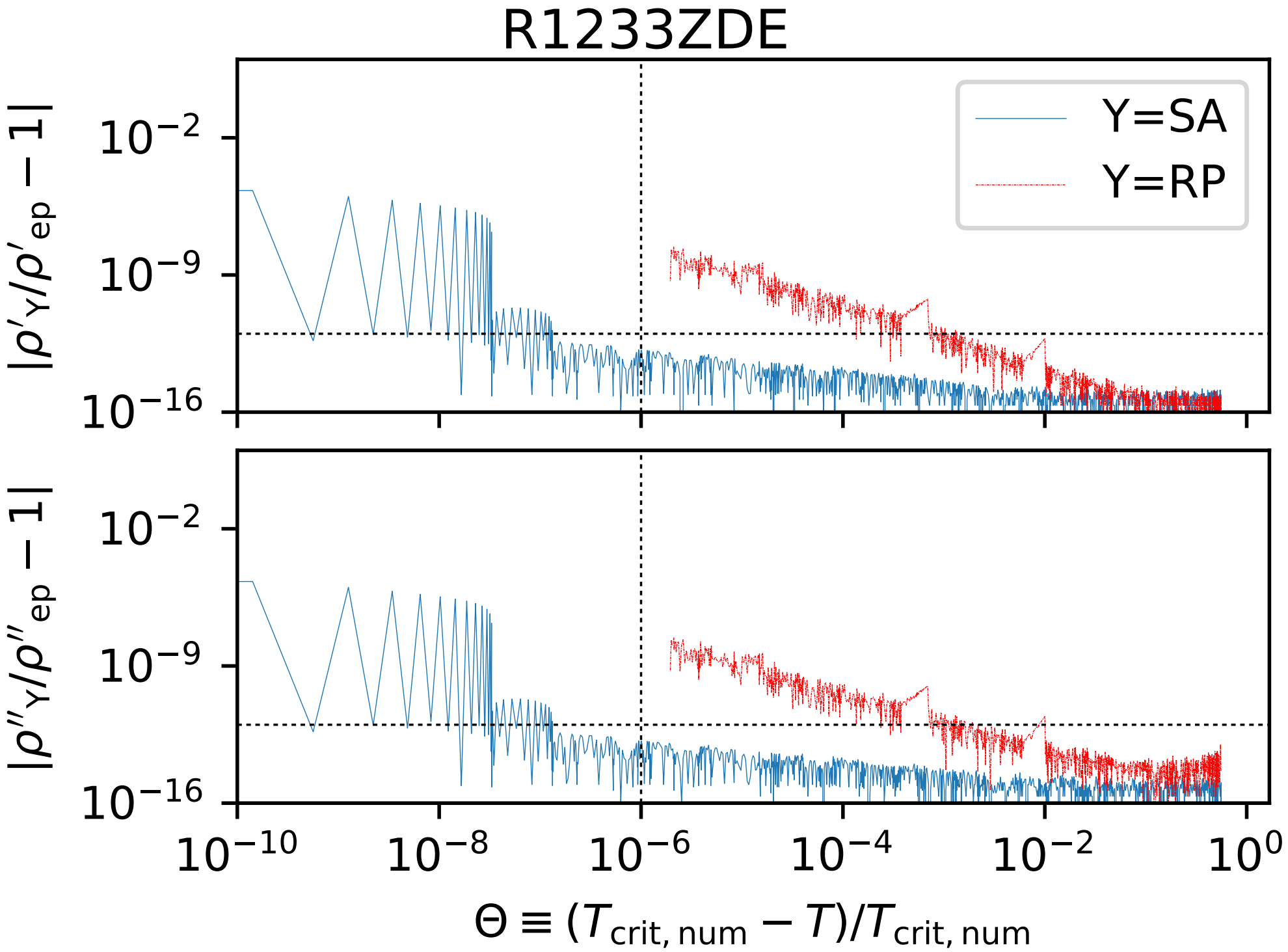

R115
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

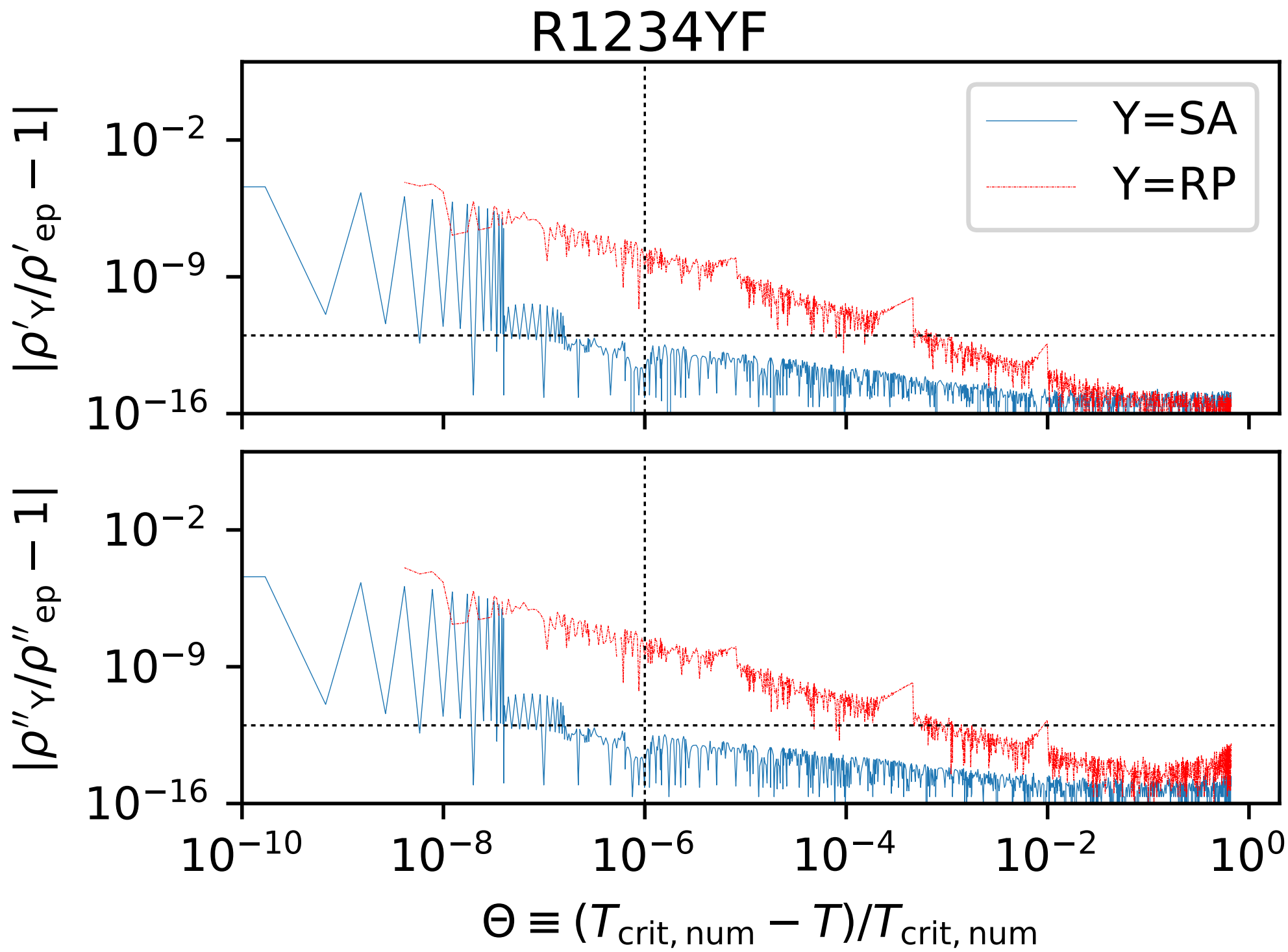

R116
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

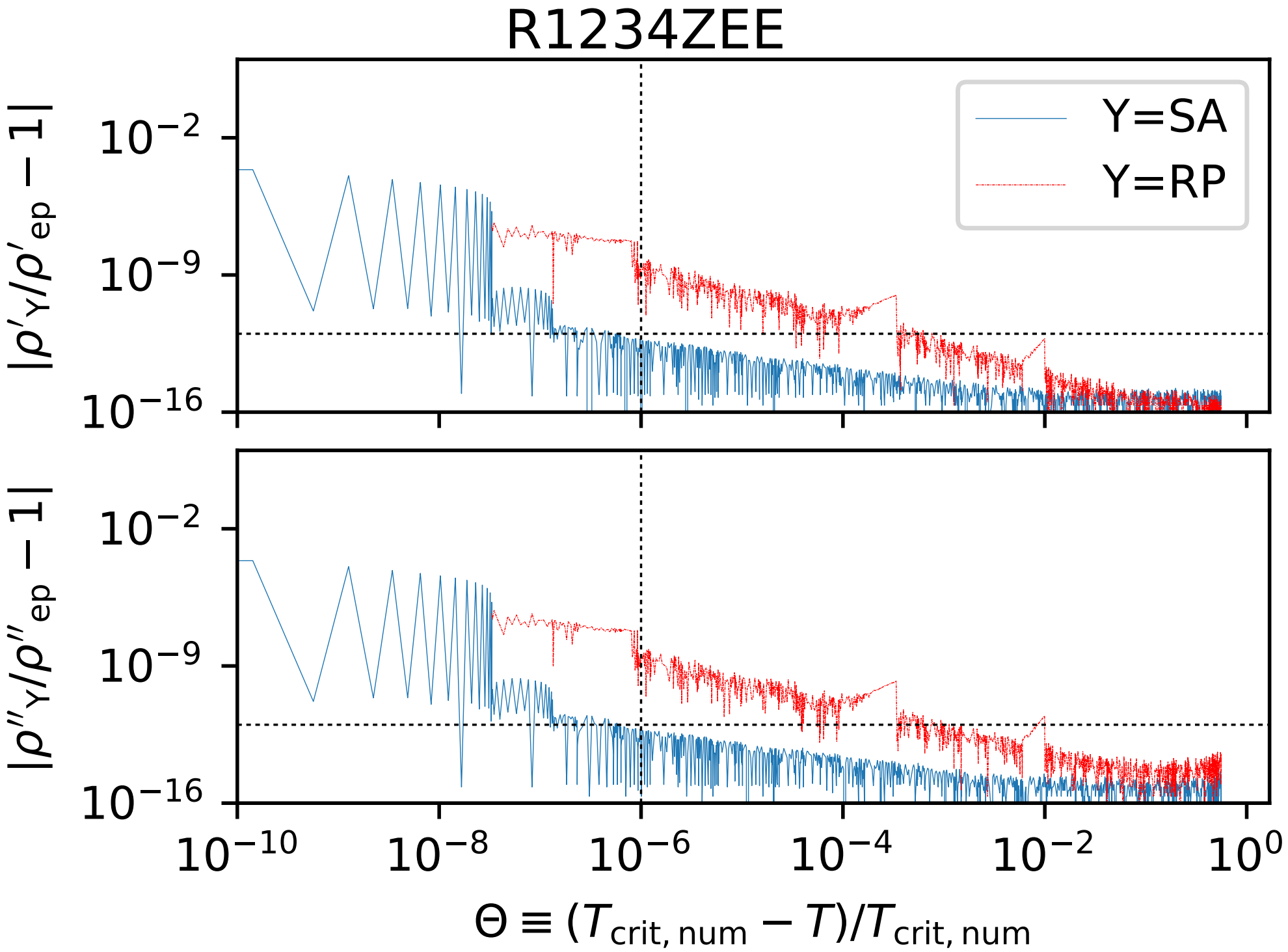

R11
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

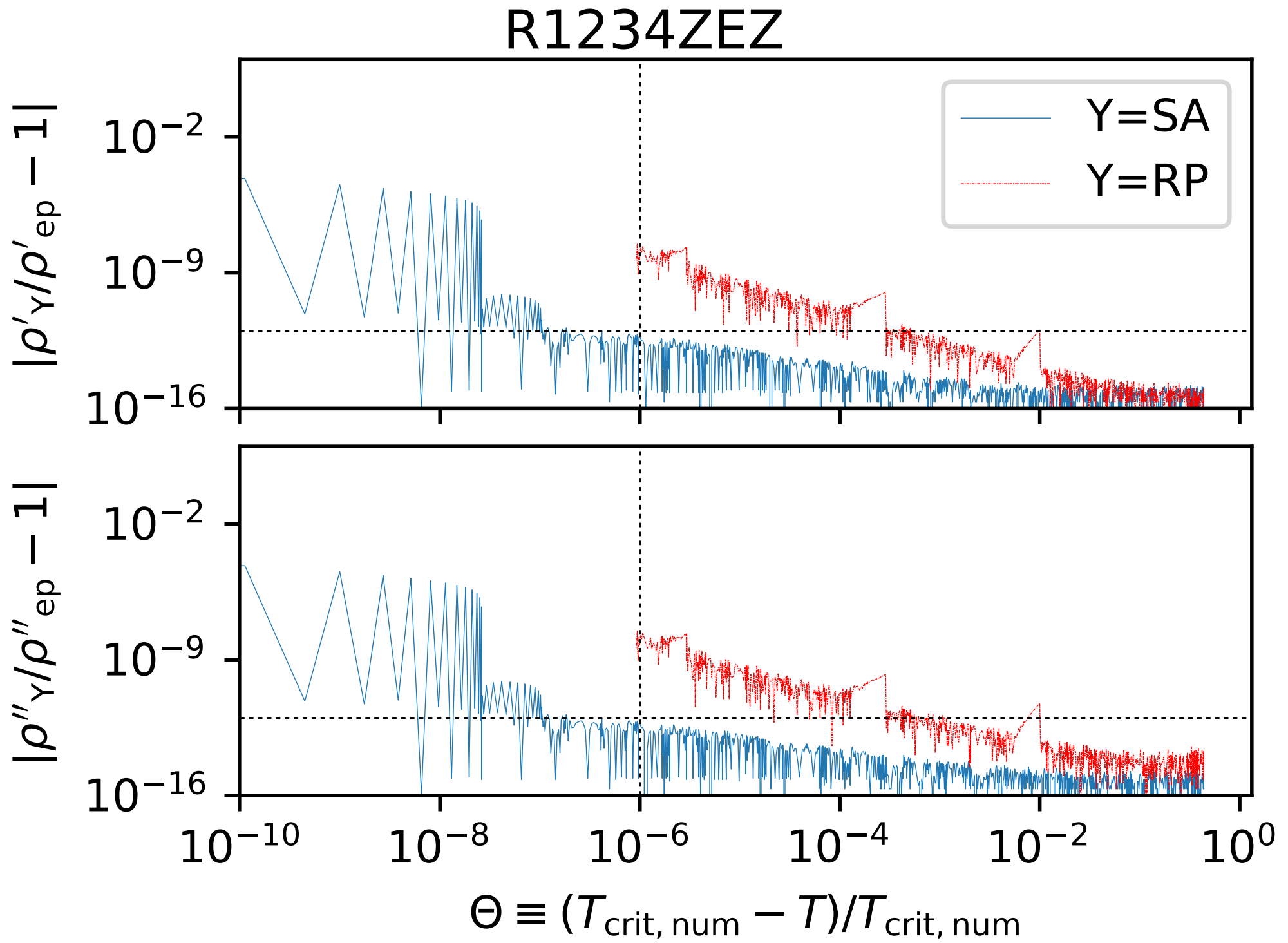

R1216
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

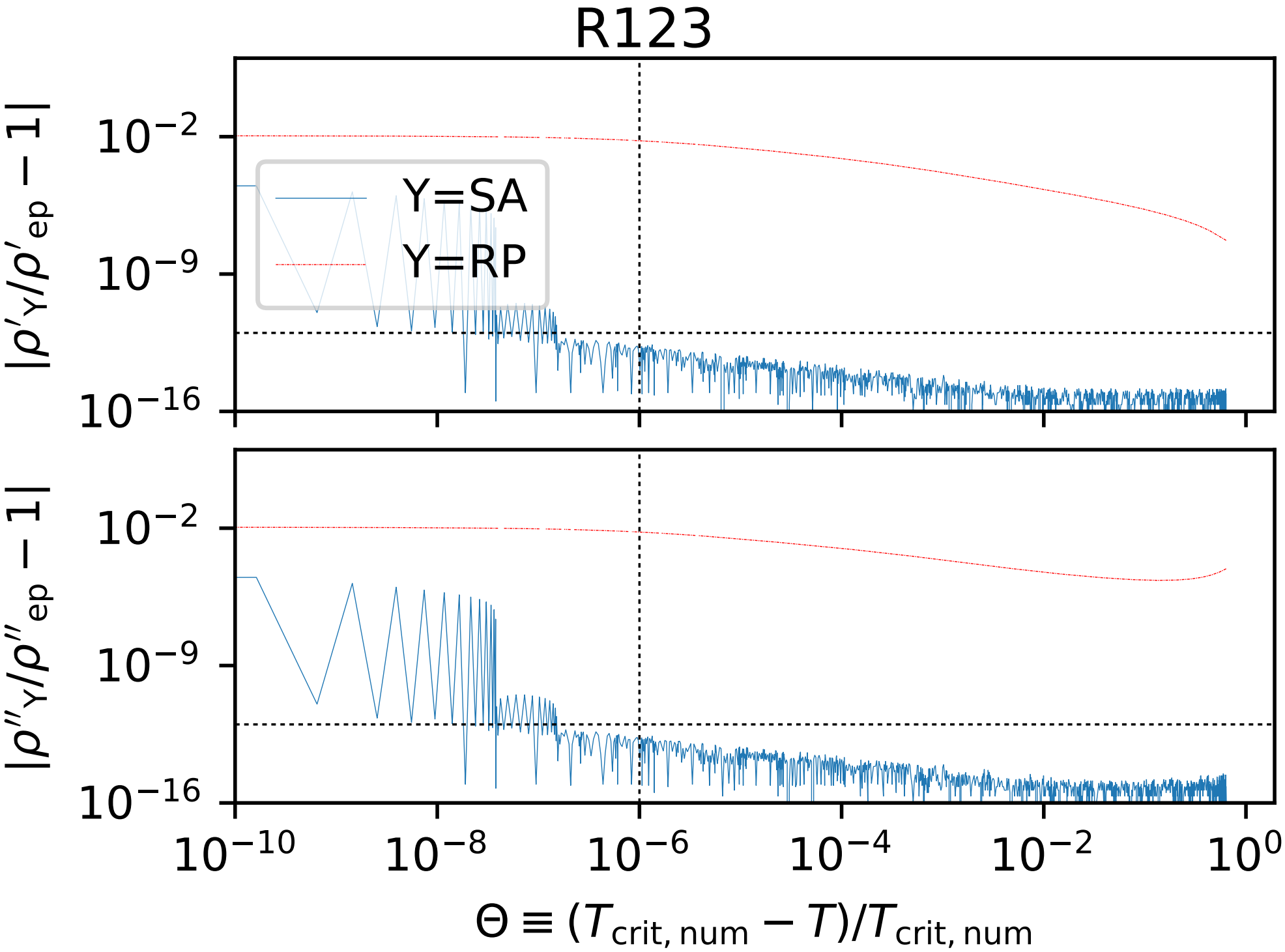

R1224YDZ
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

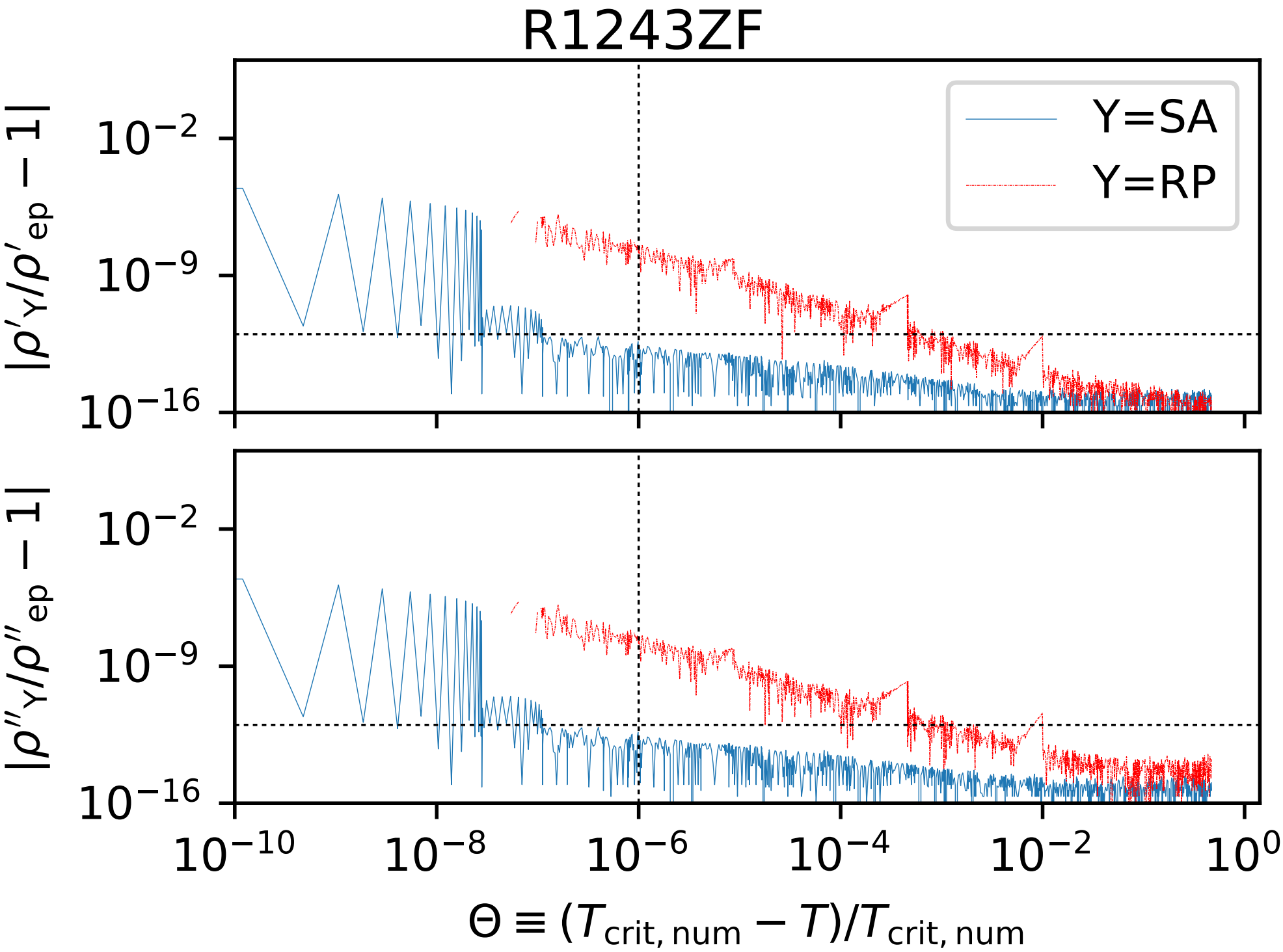

R1233ZDE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

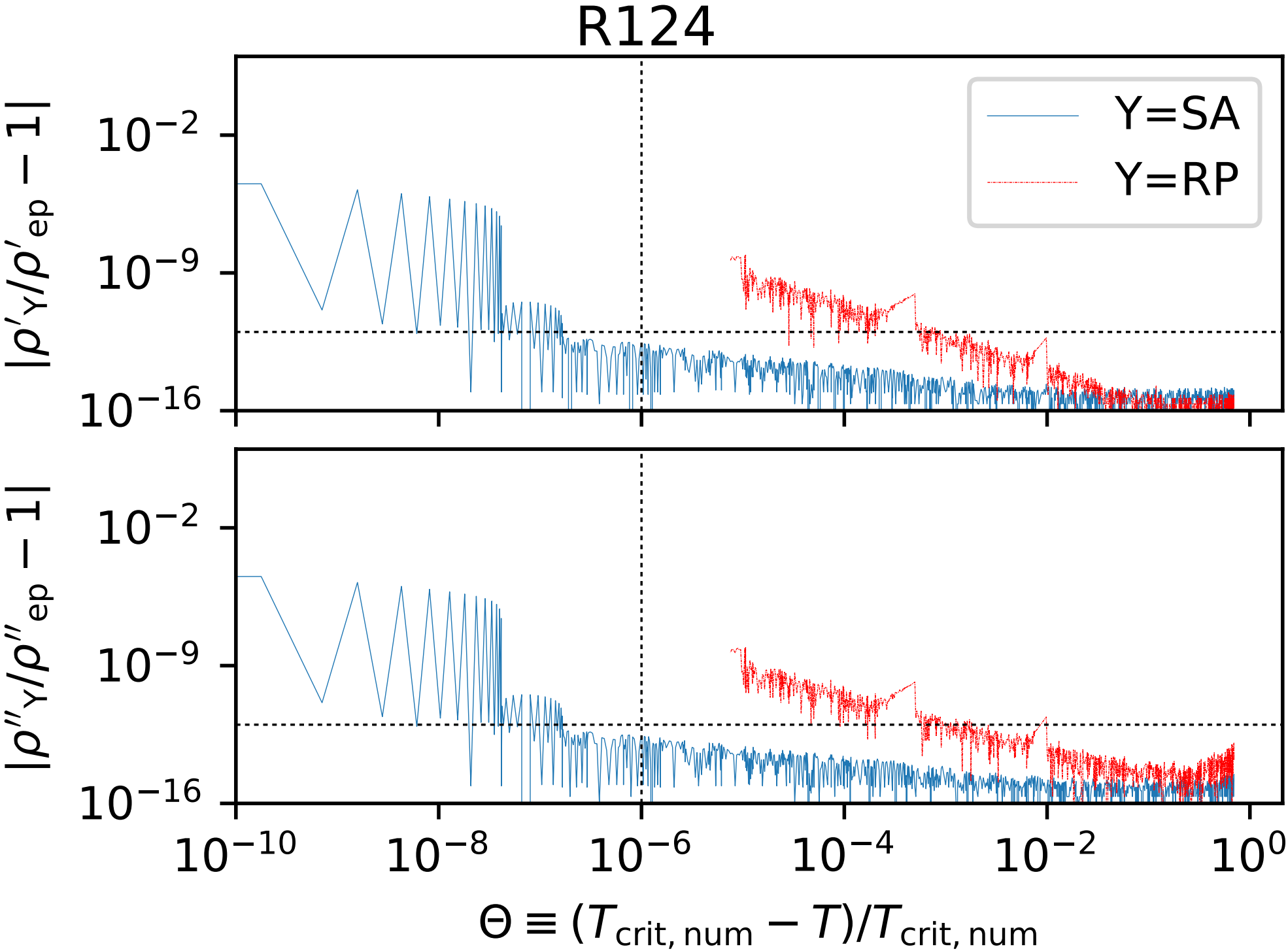

R1234YF
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

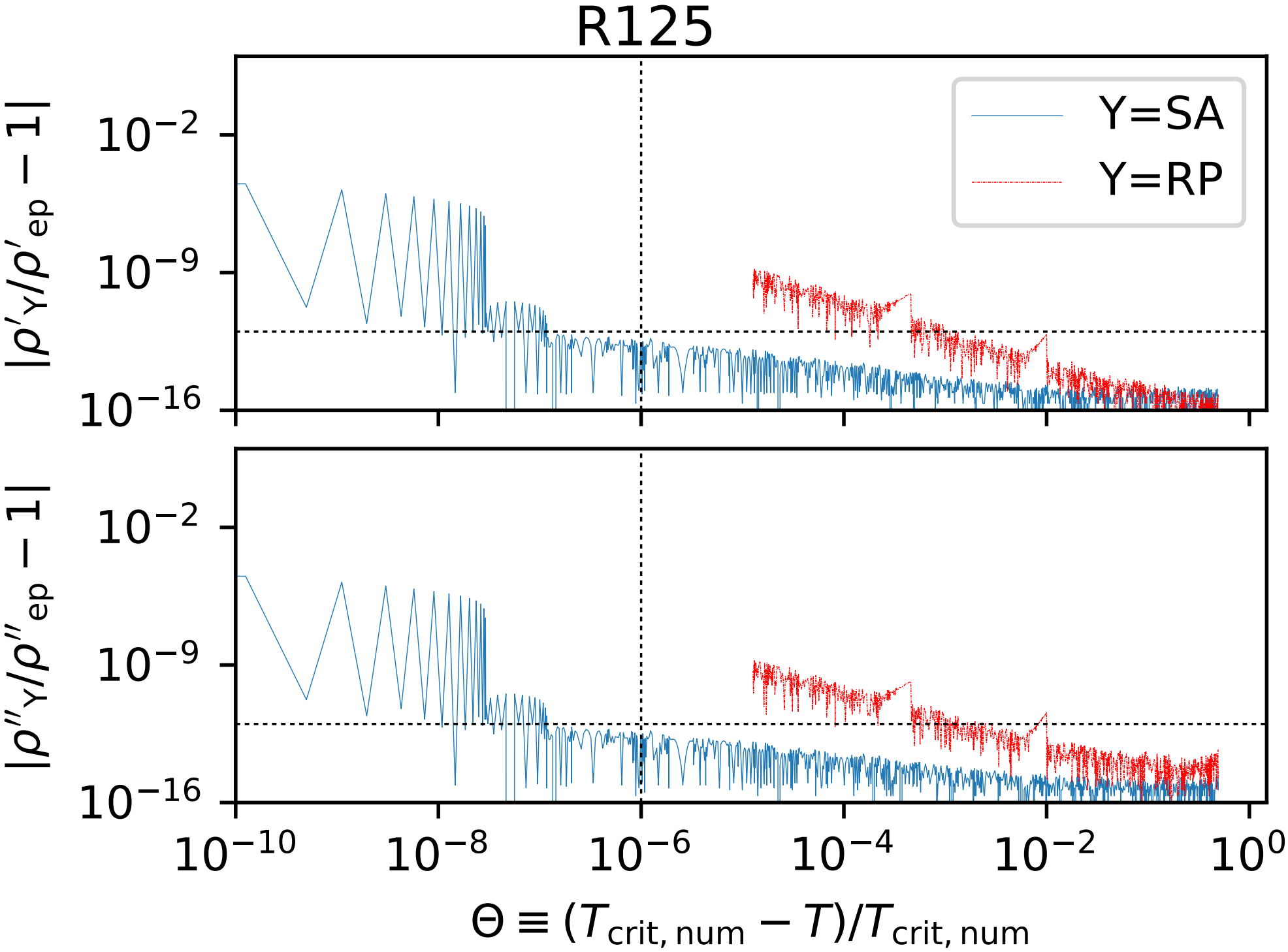

R1234ZEE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

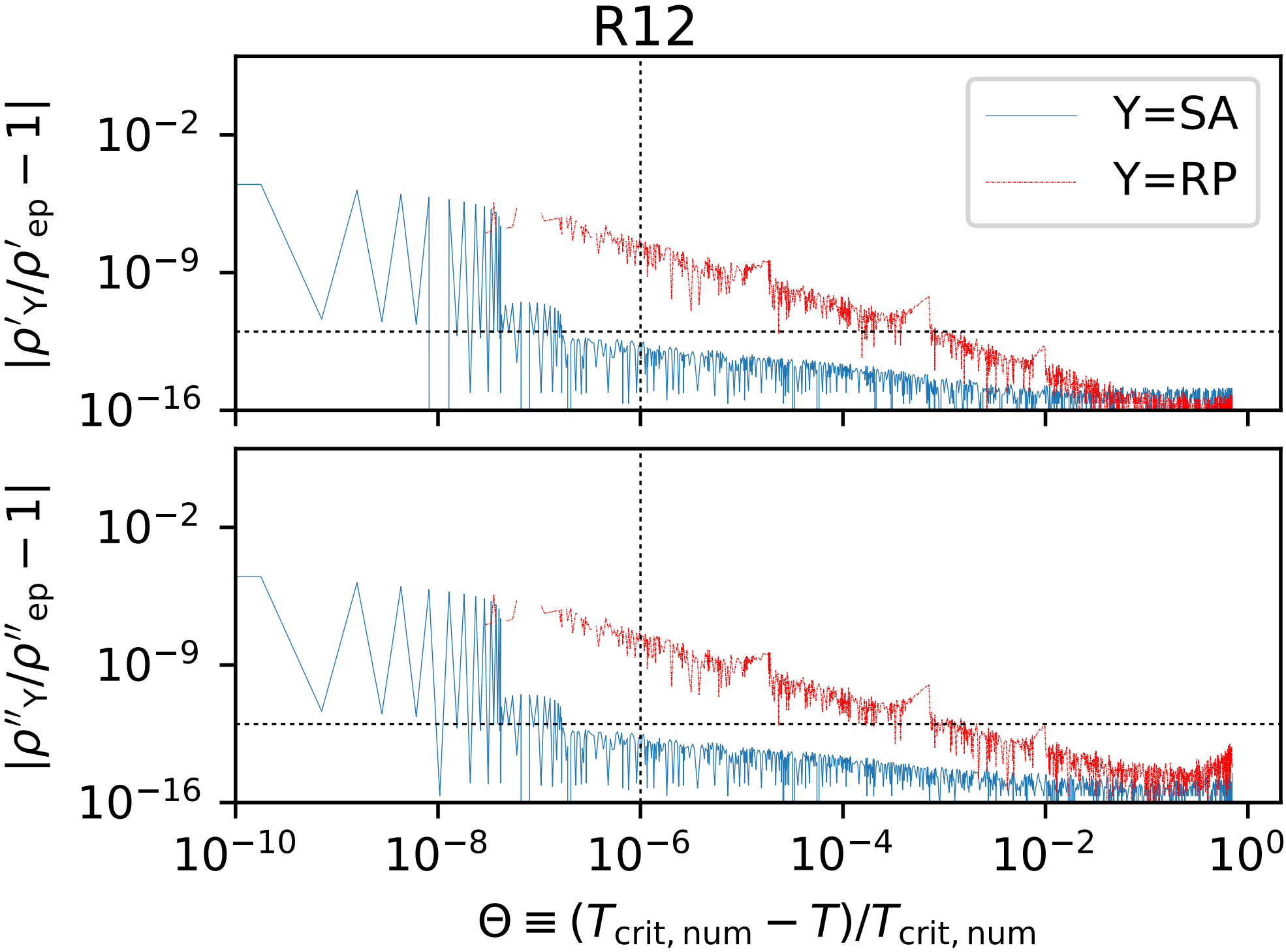

R1234ZEZ
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

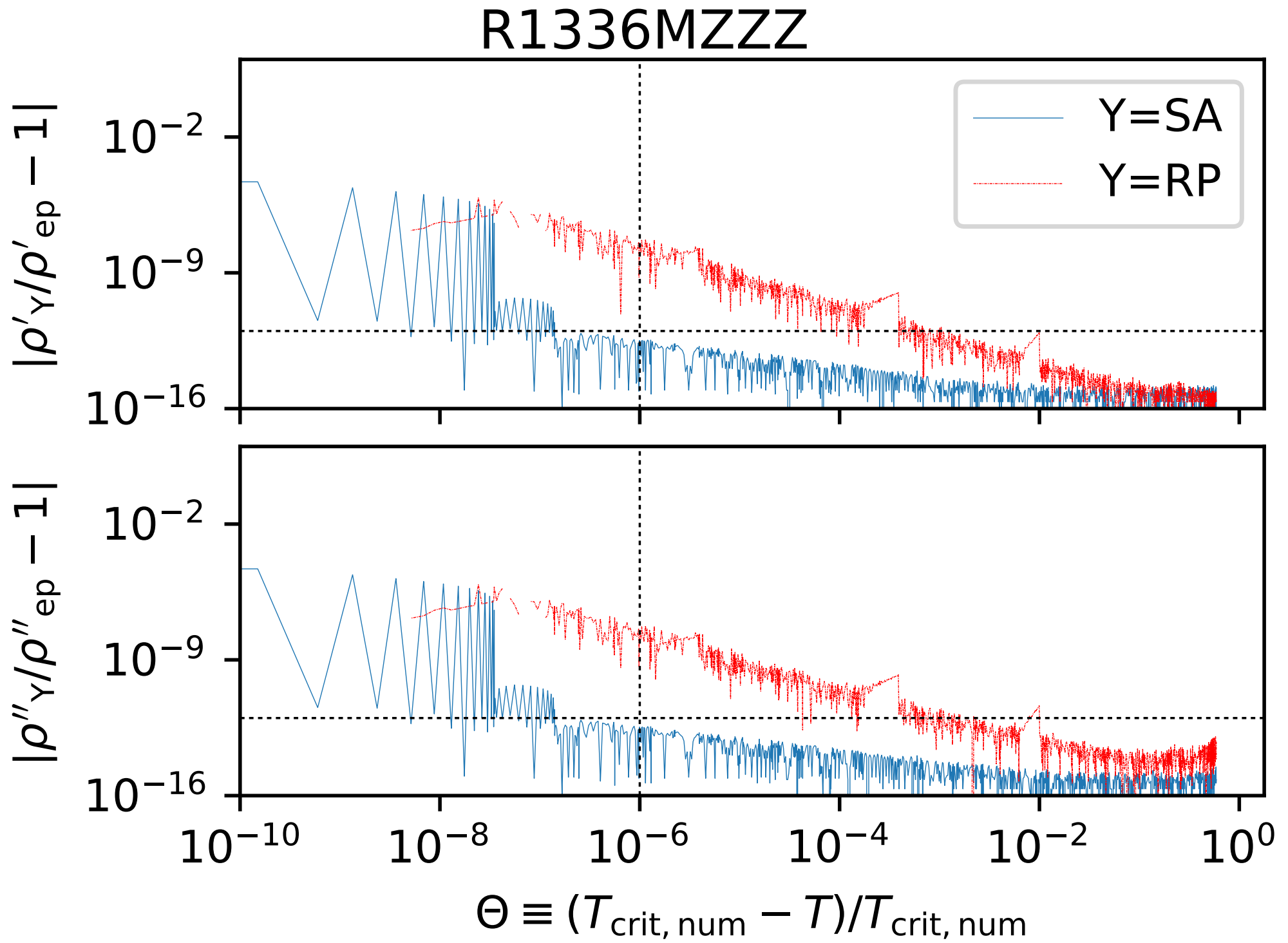

R123
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

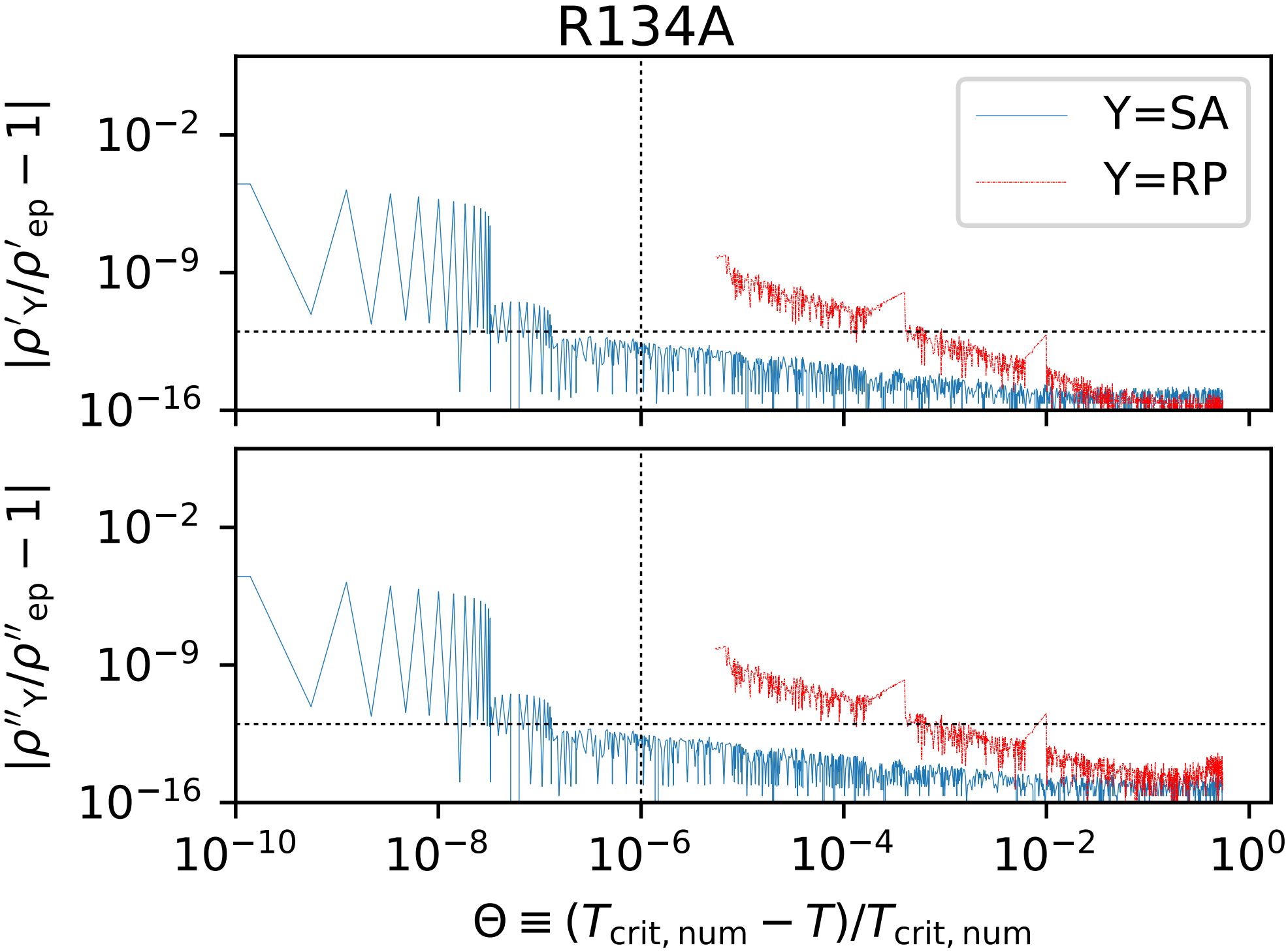

R1243ZF
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

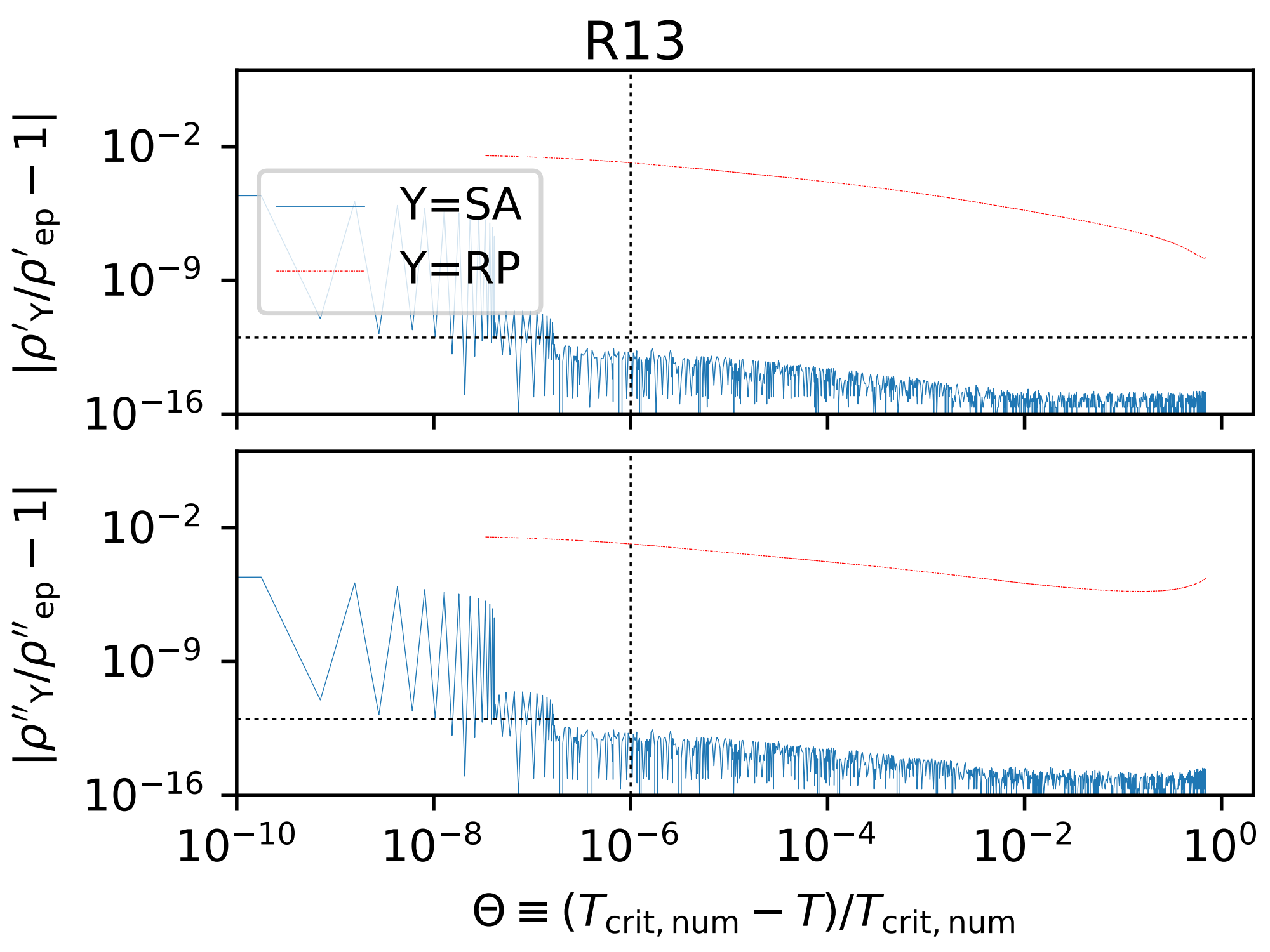

R124
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

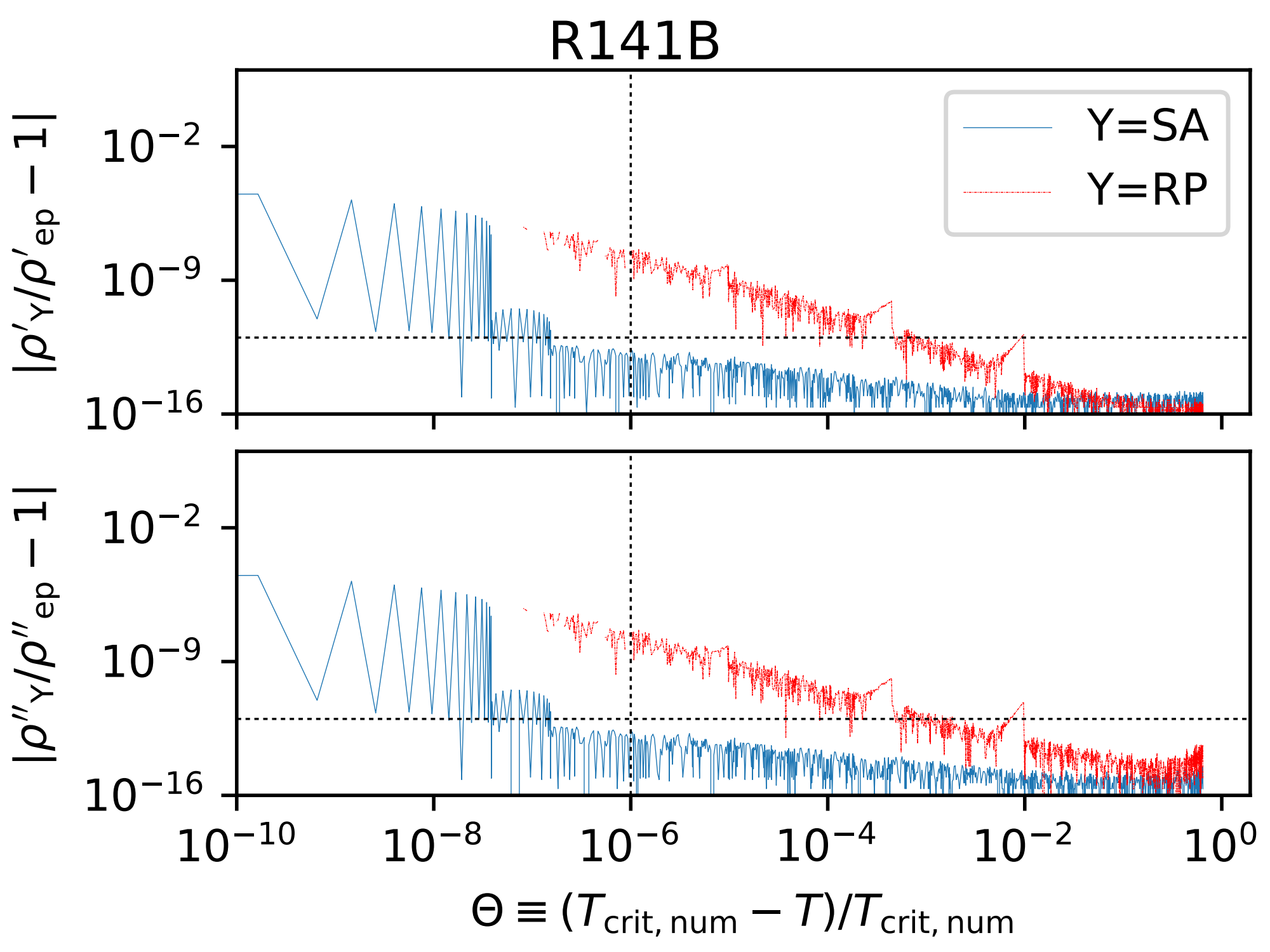

R125
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

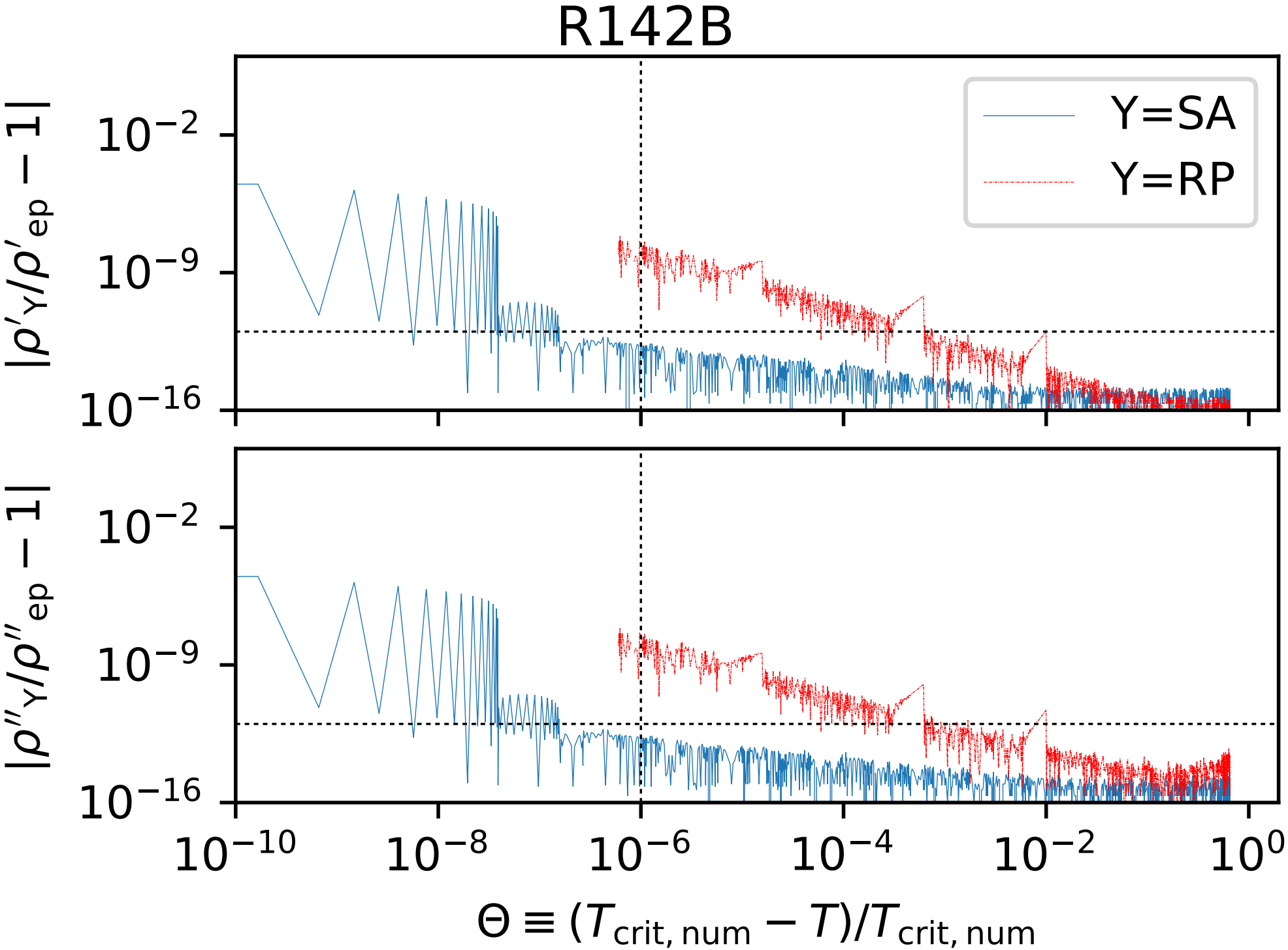

R12
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

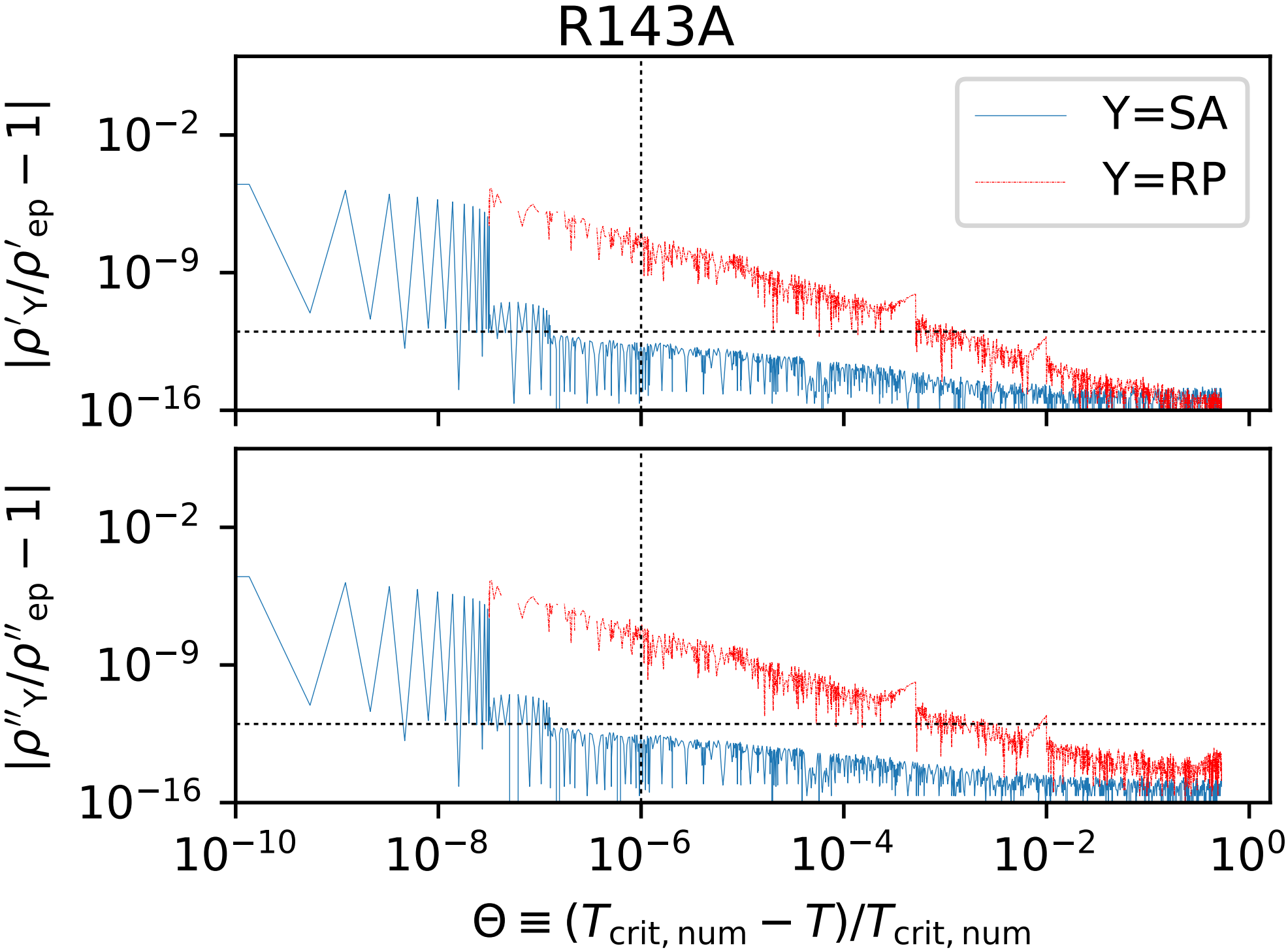

R1336MZZZ
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

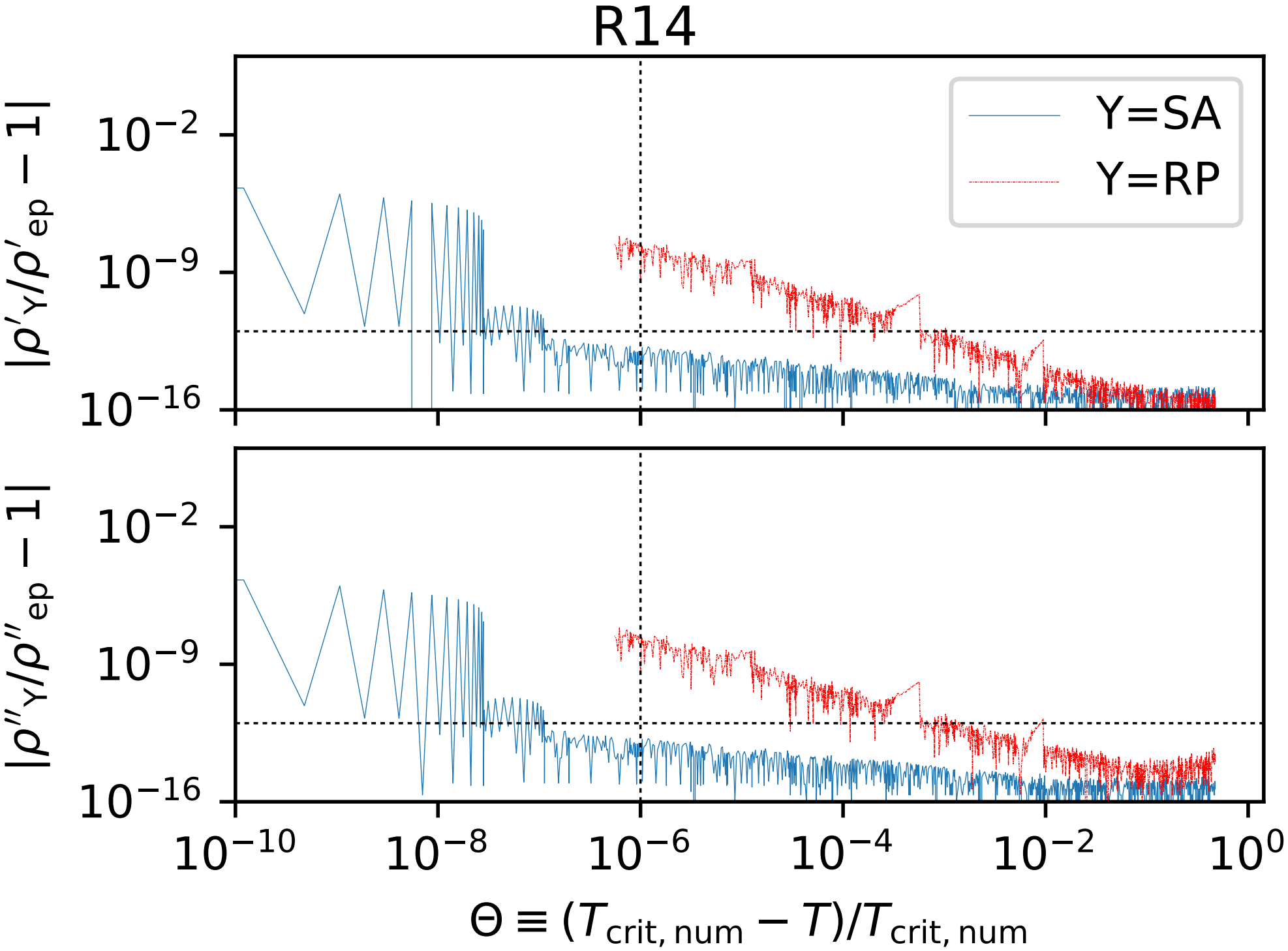

R134A
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

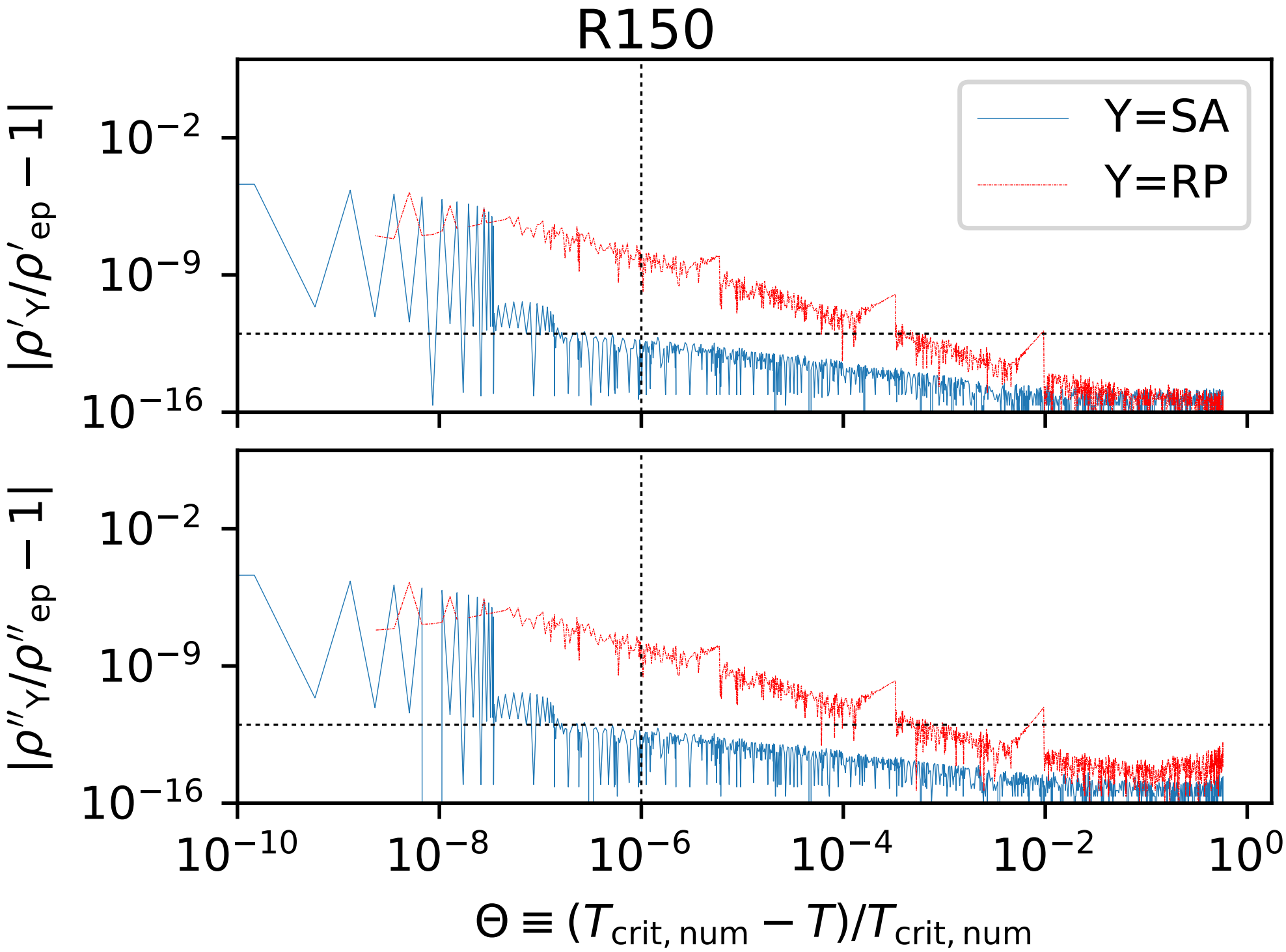

R13
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

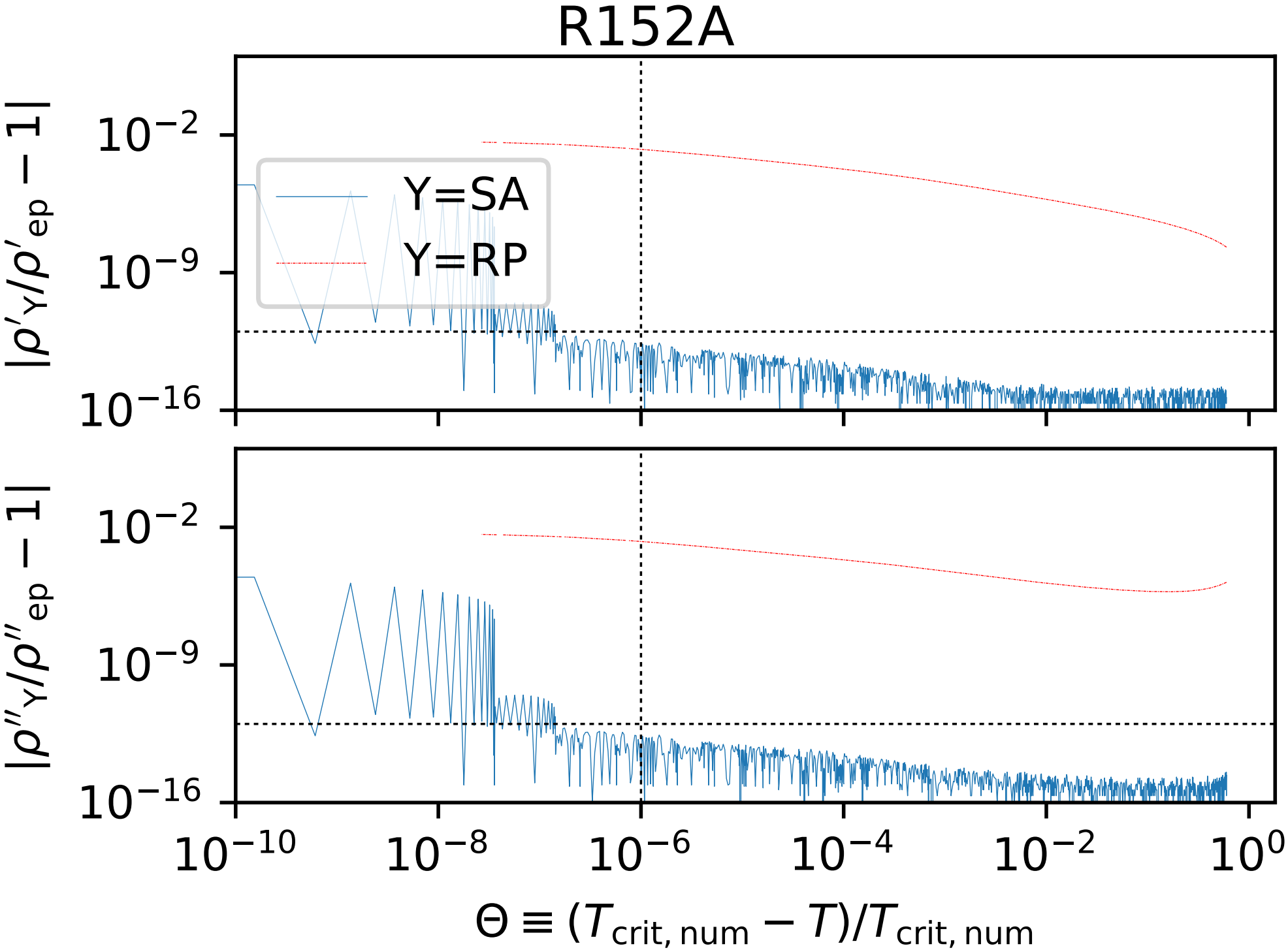

R141B
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

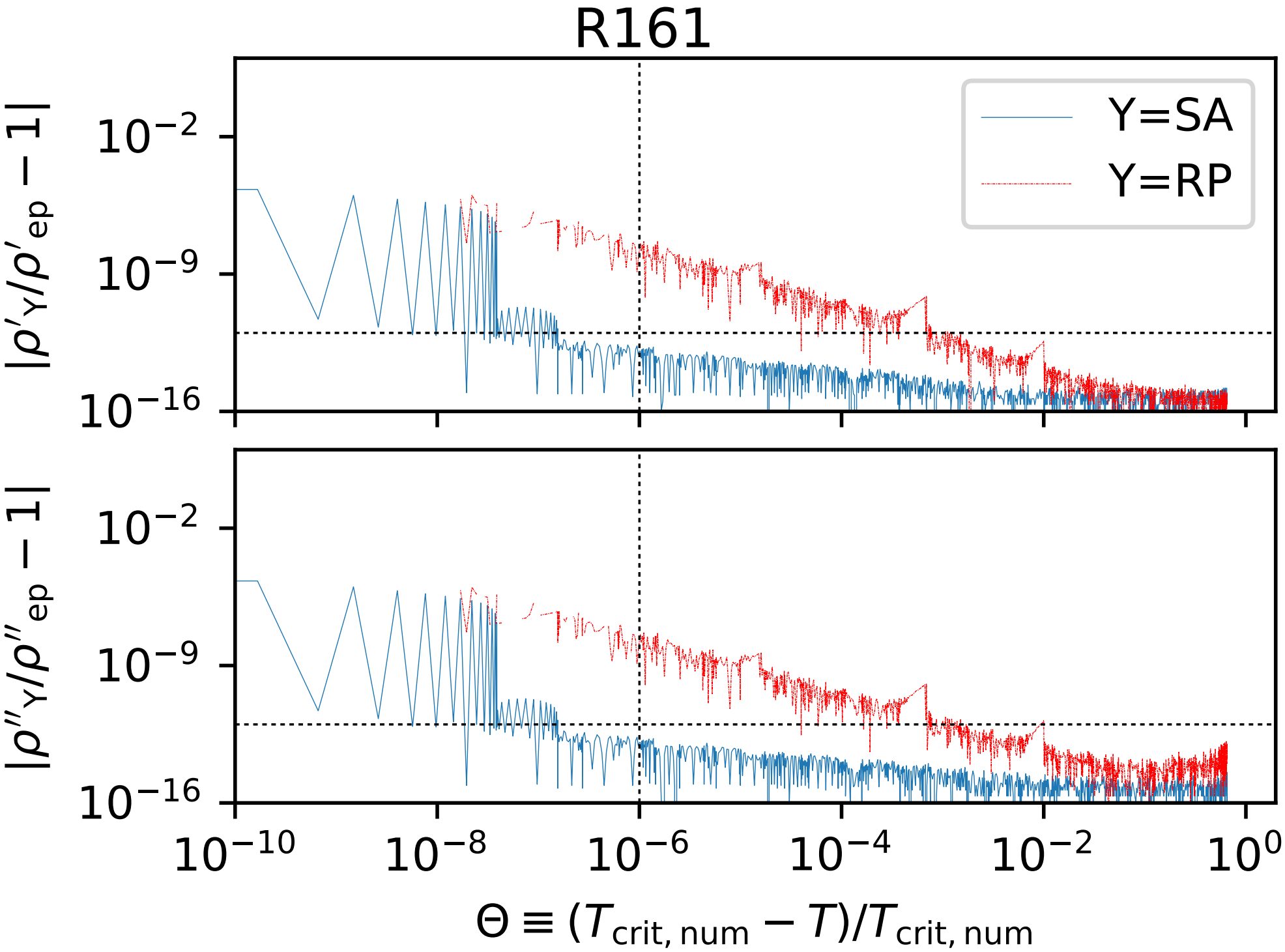

R142B
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

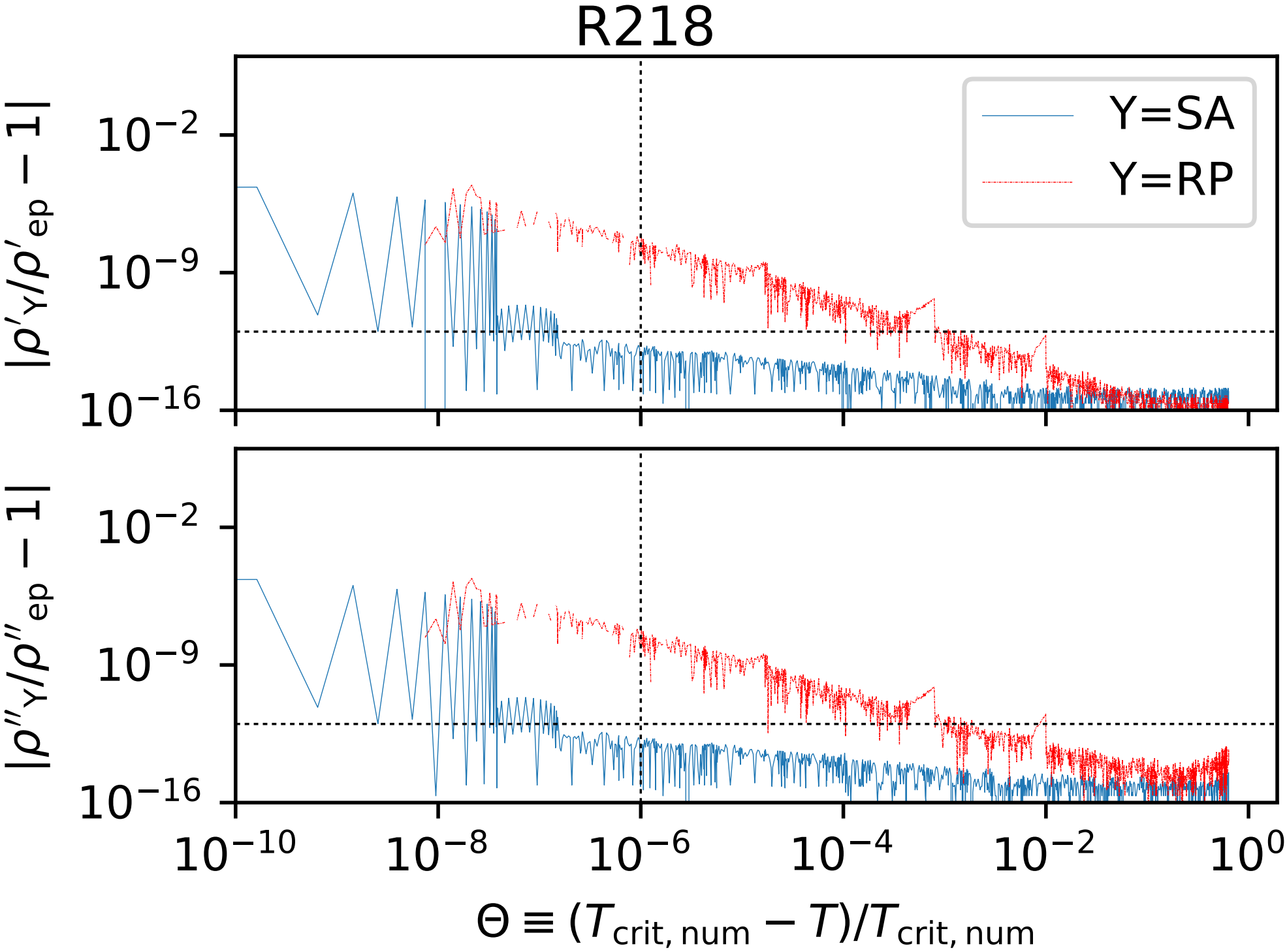

R143A
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

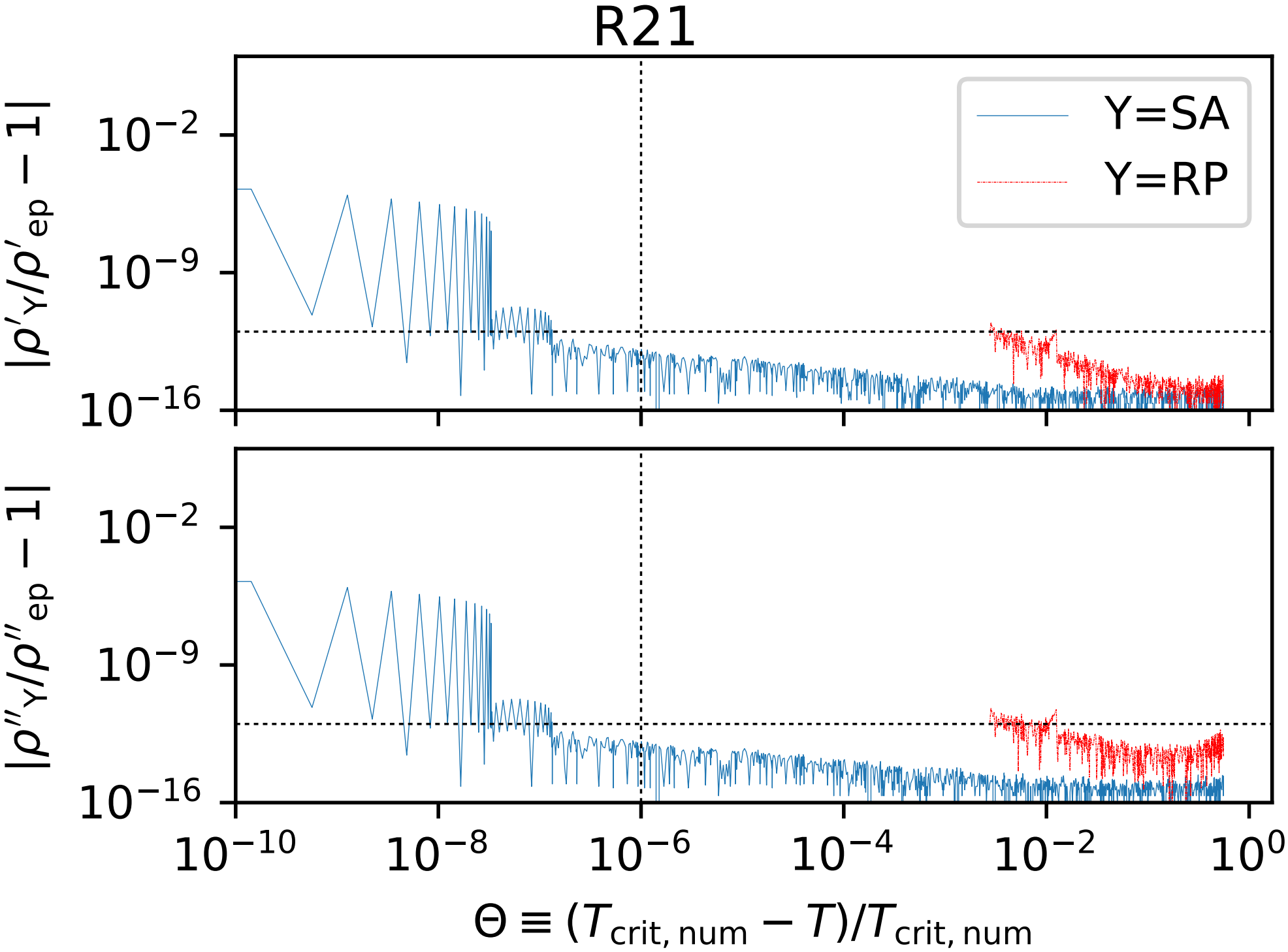

R14
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

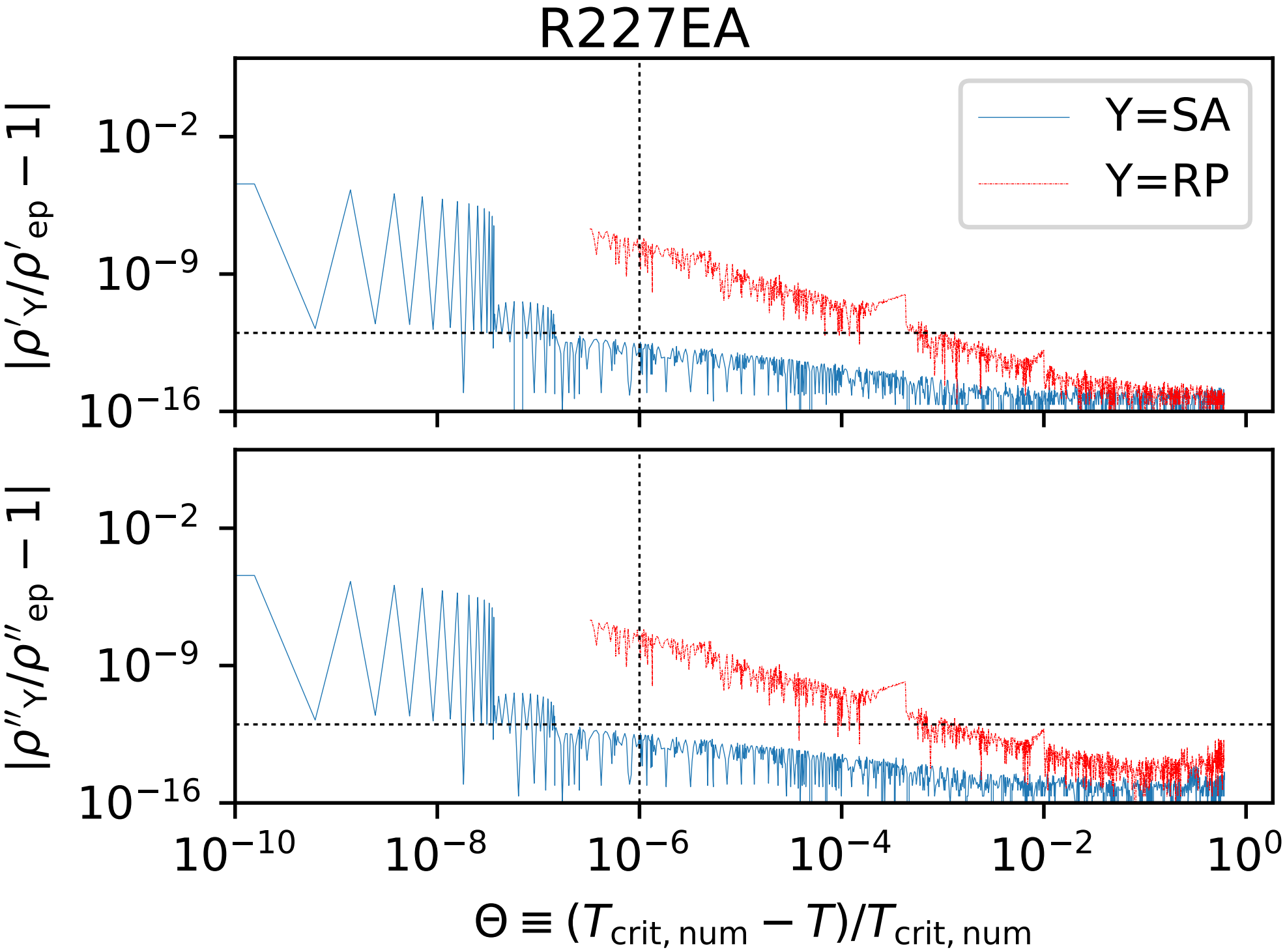

R150
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

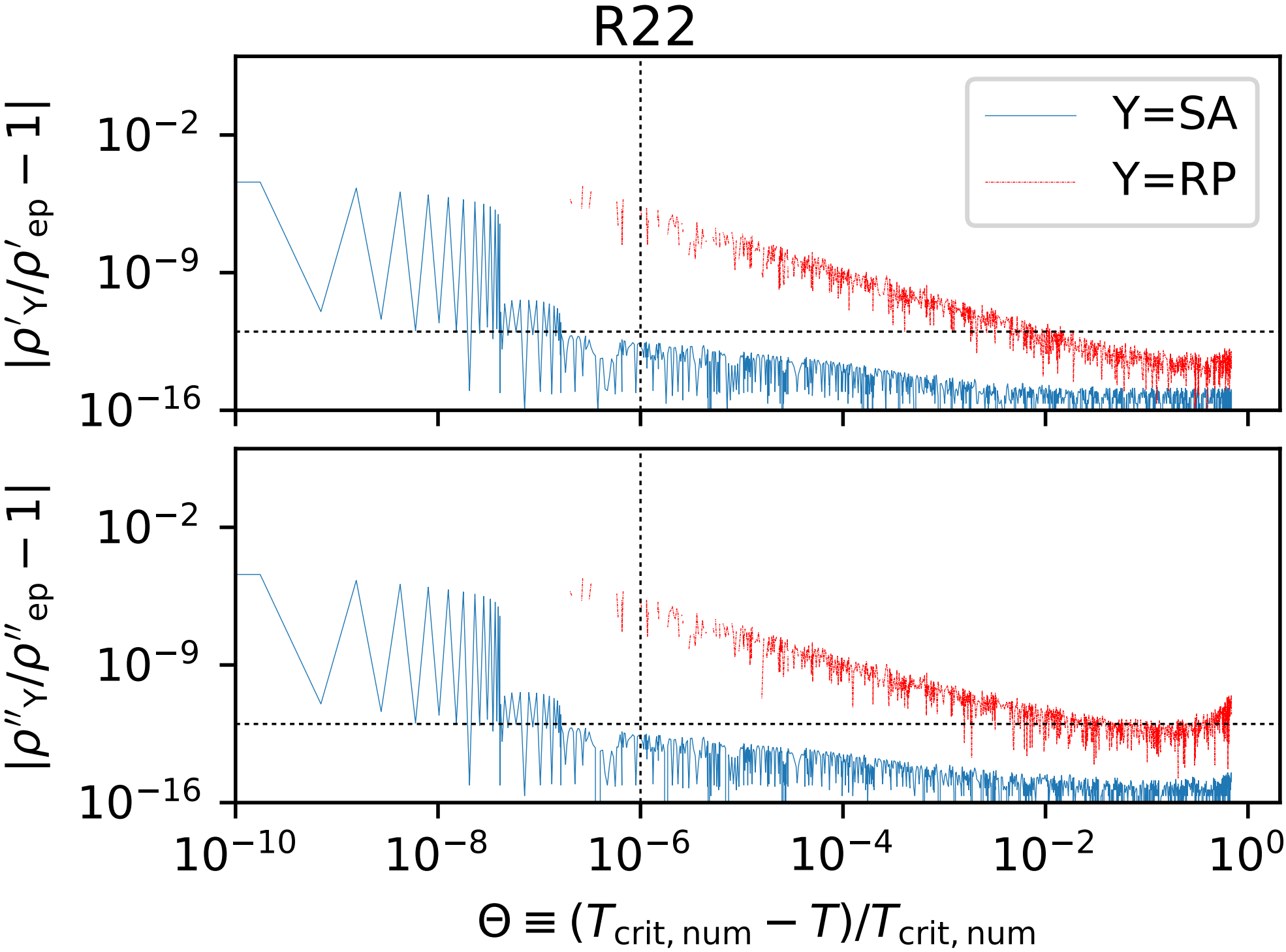

R152A
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

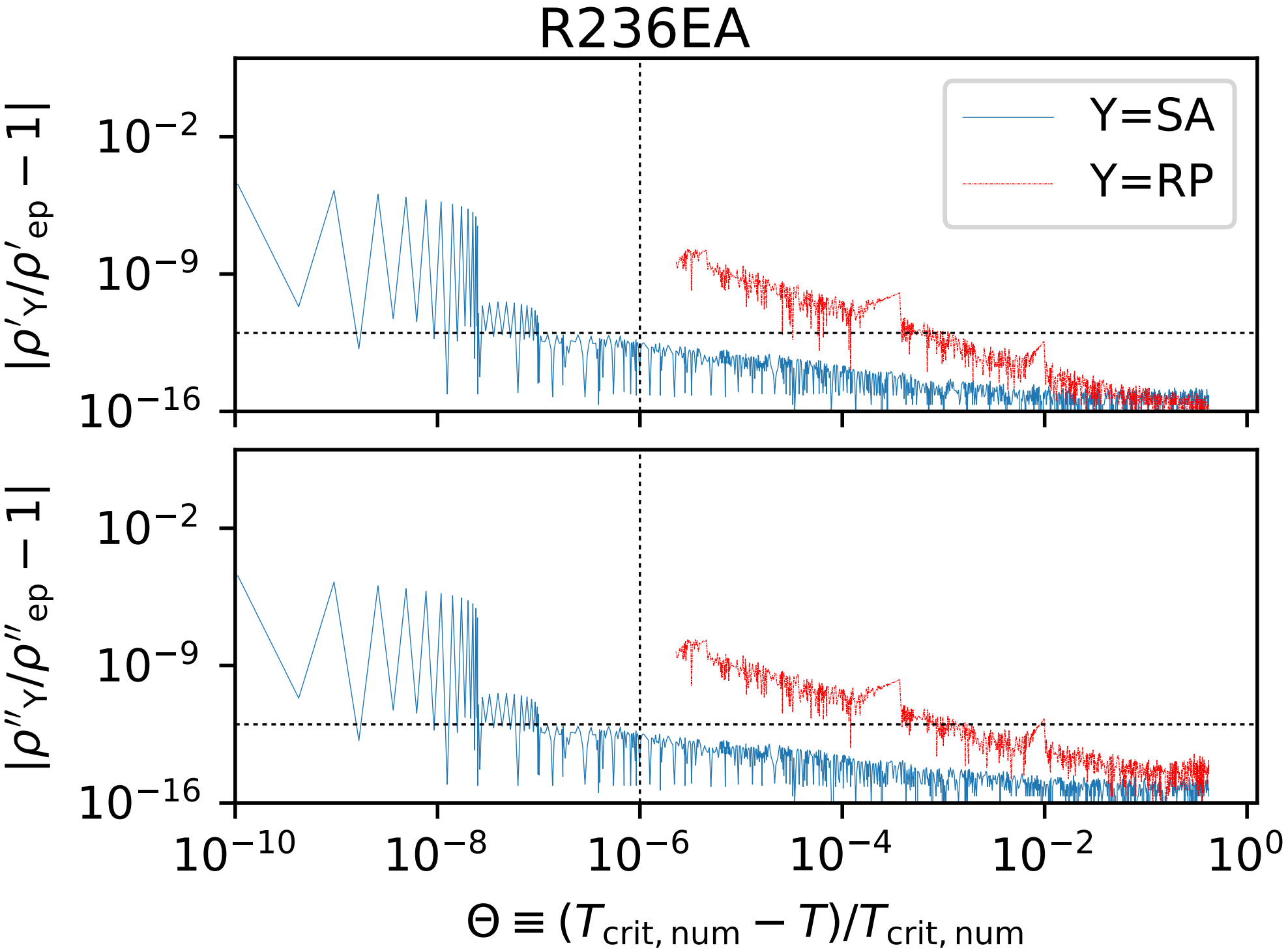

R161
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

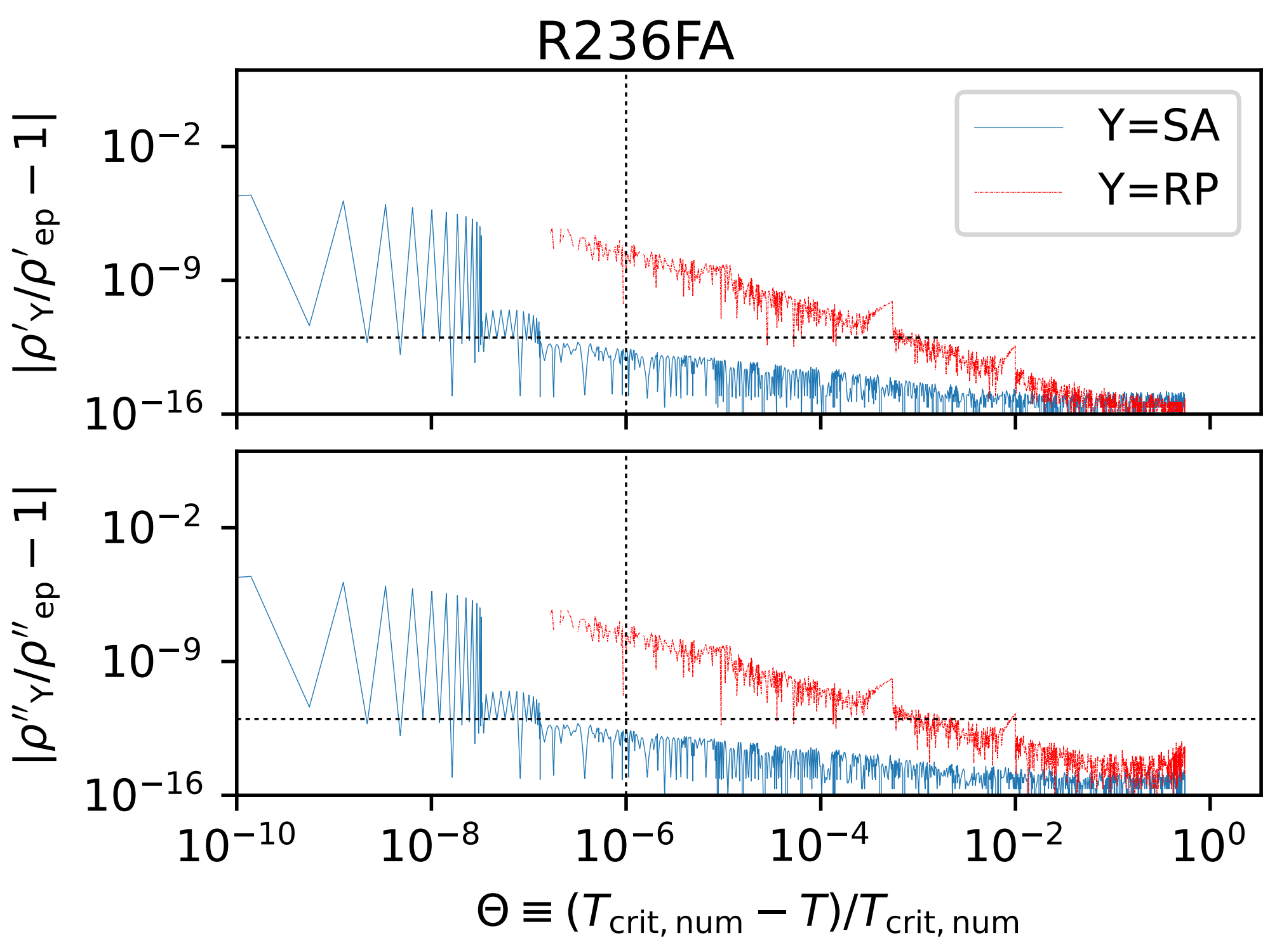

R218
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

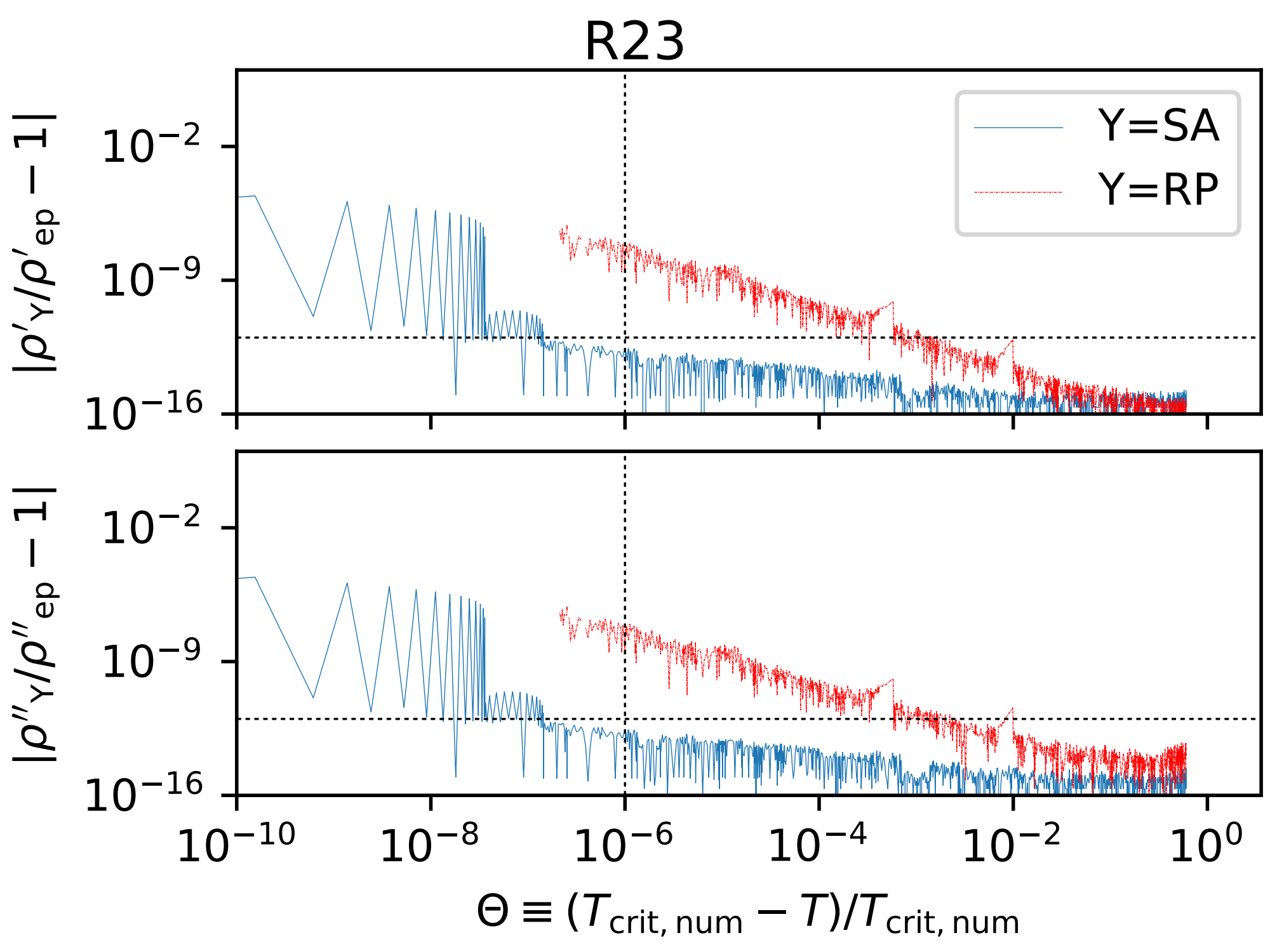

R21
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

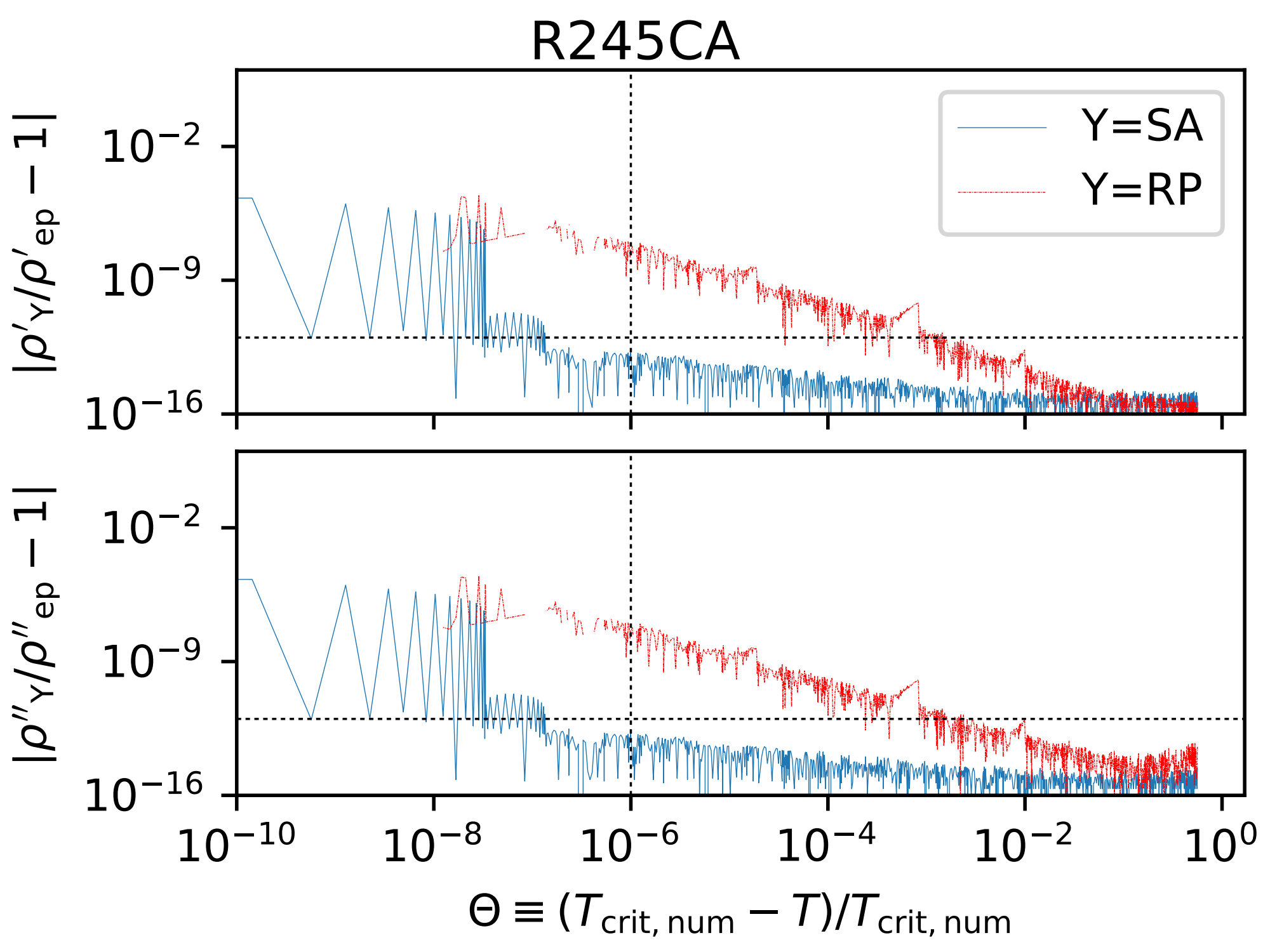

R227EA
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

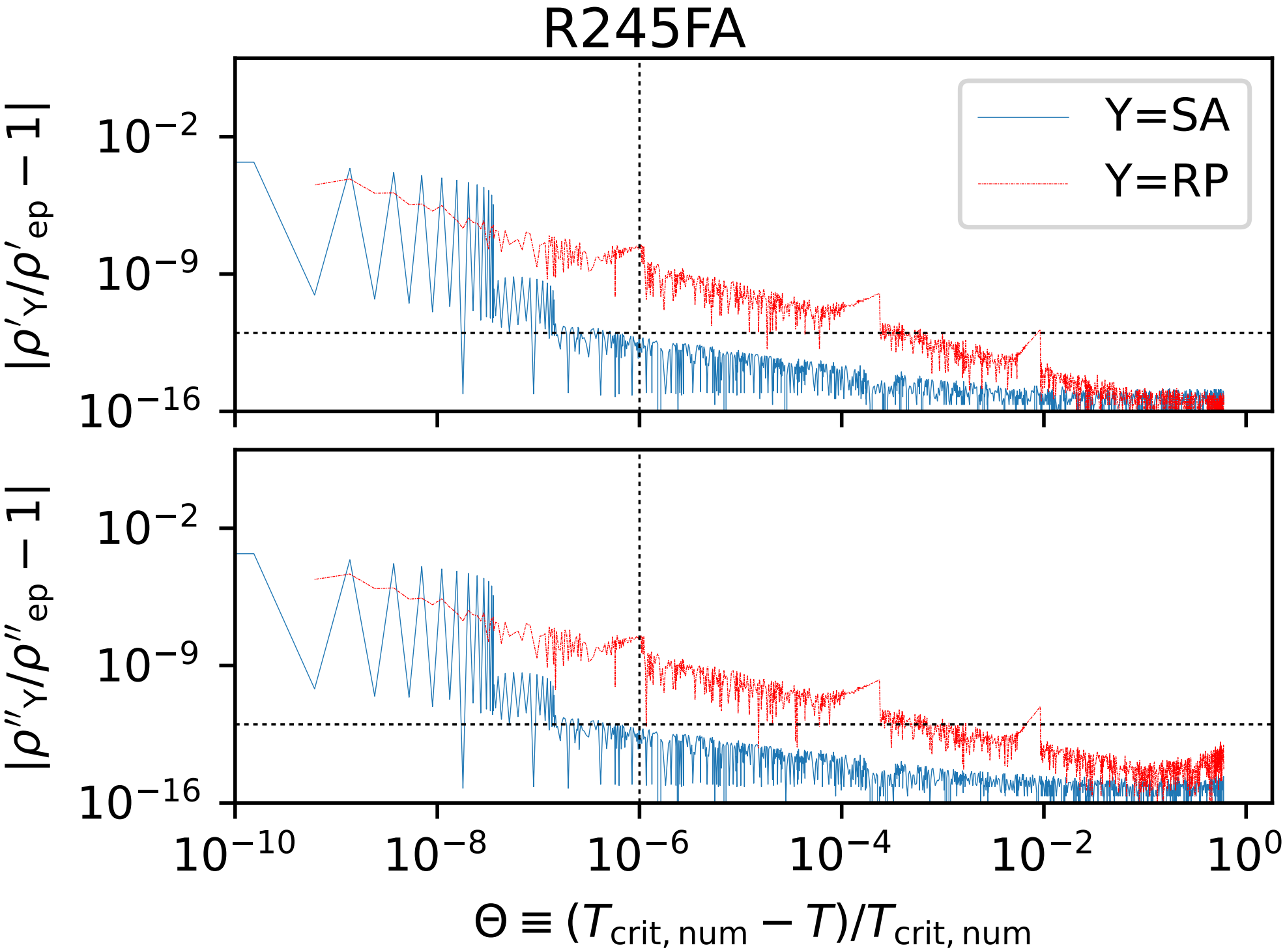

R22
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

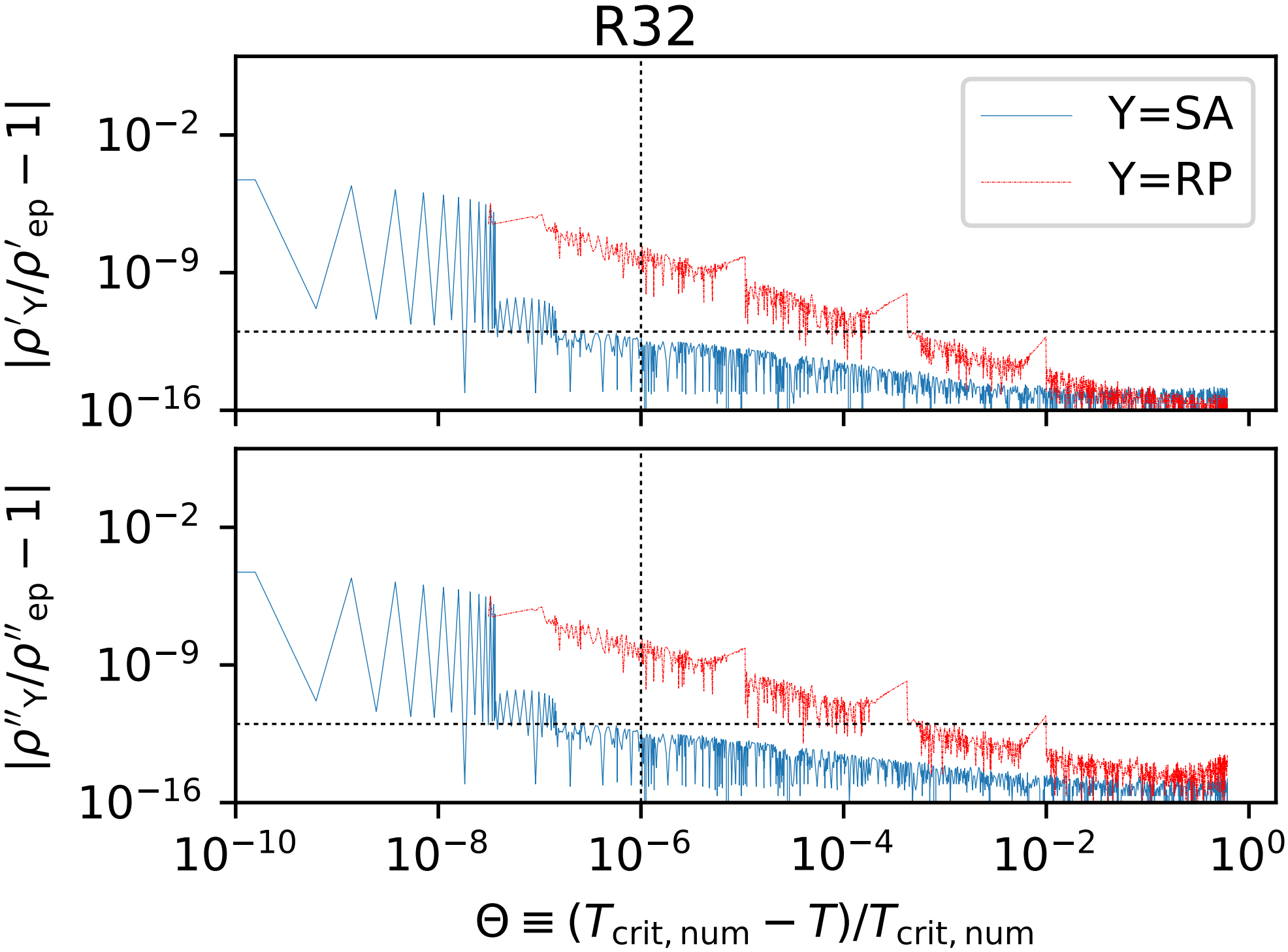

R236EA
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

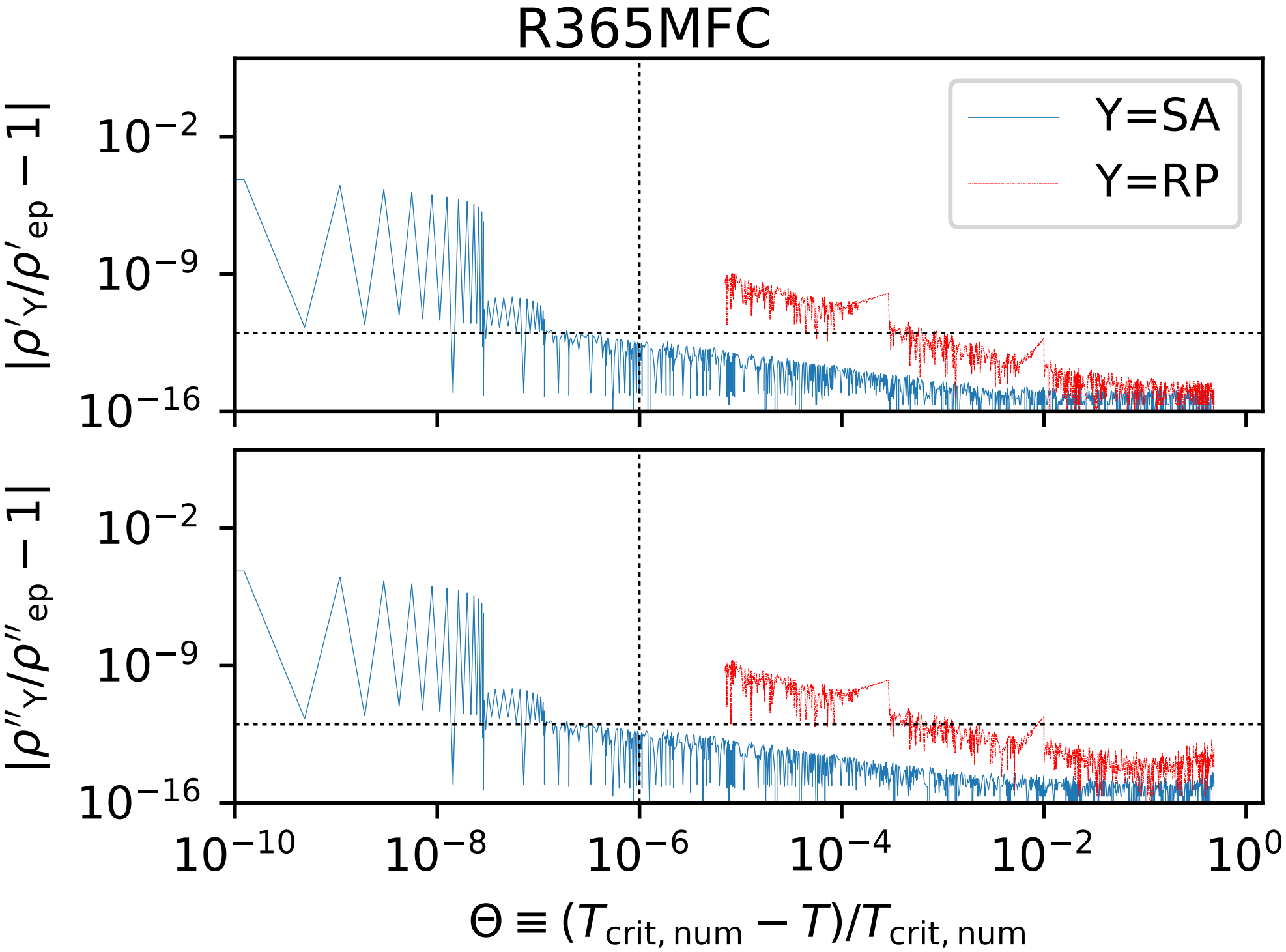

R236FA
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

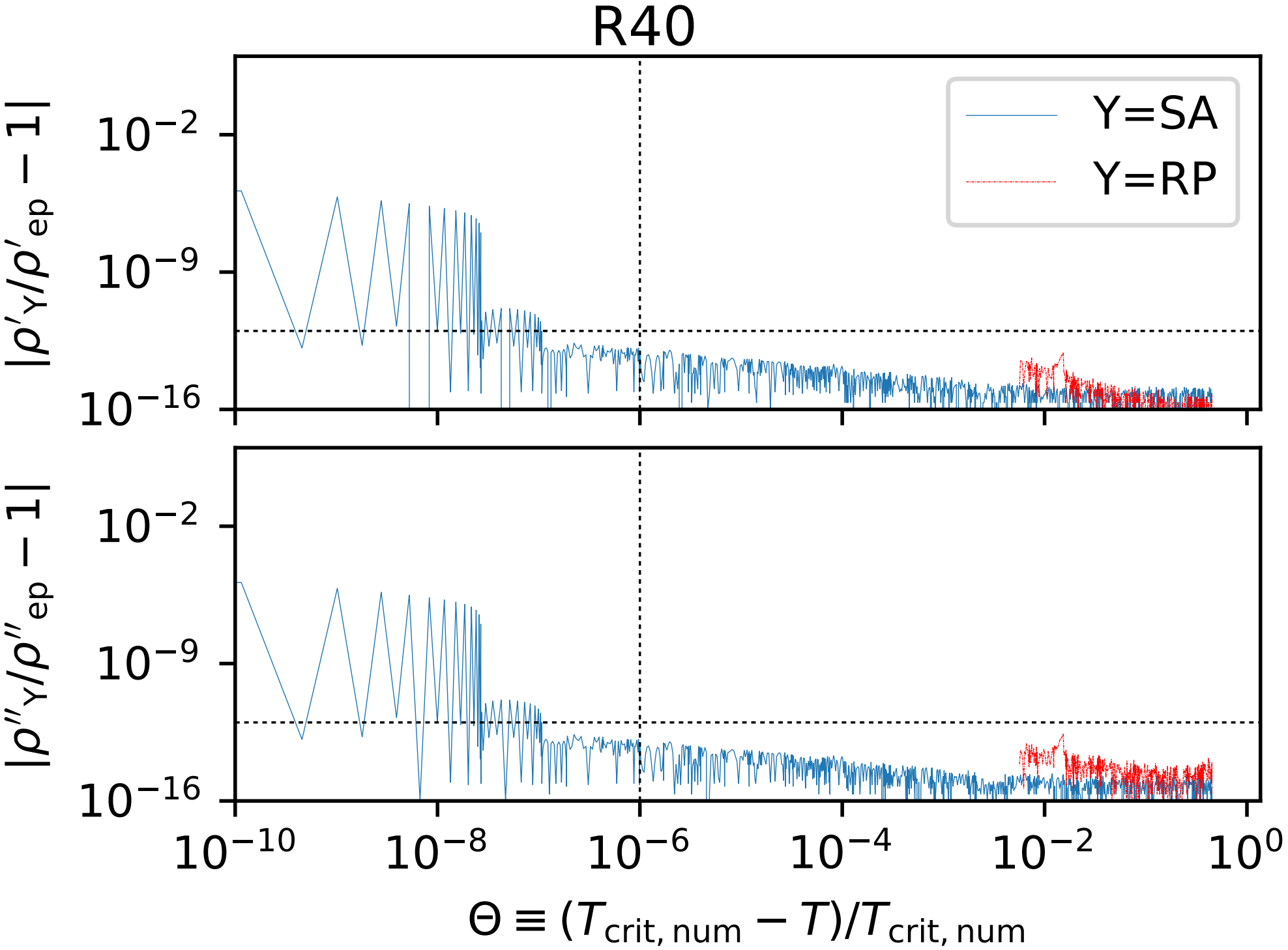

R23
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

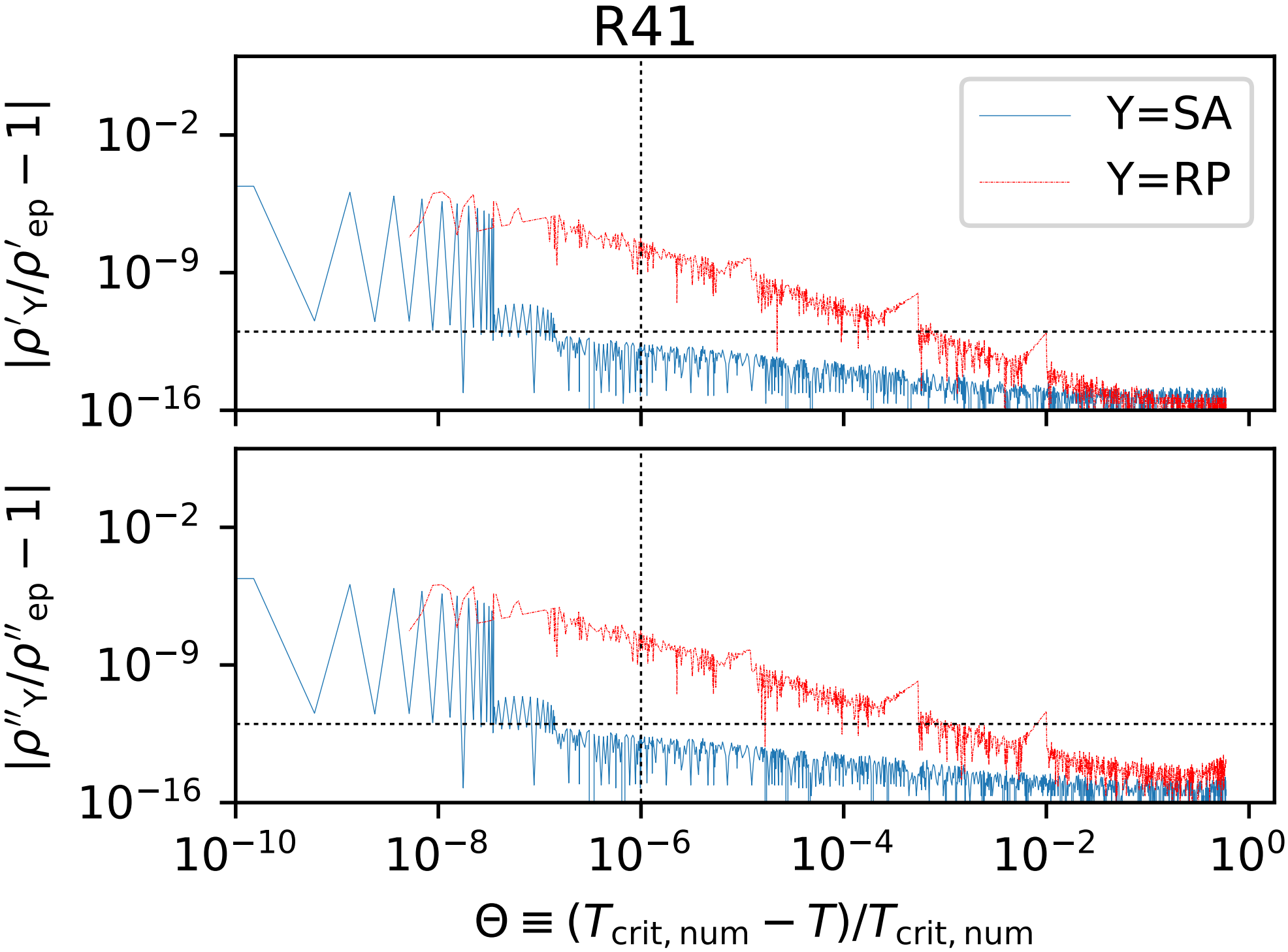

R245CA
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

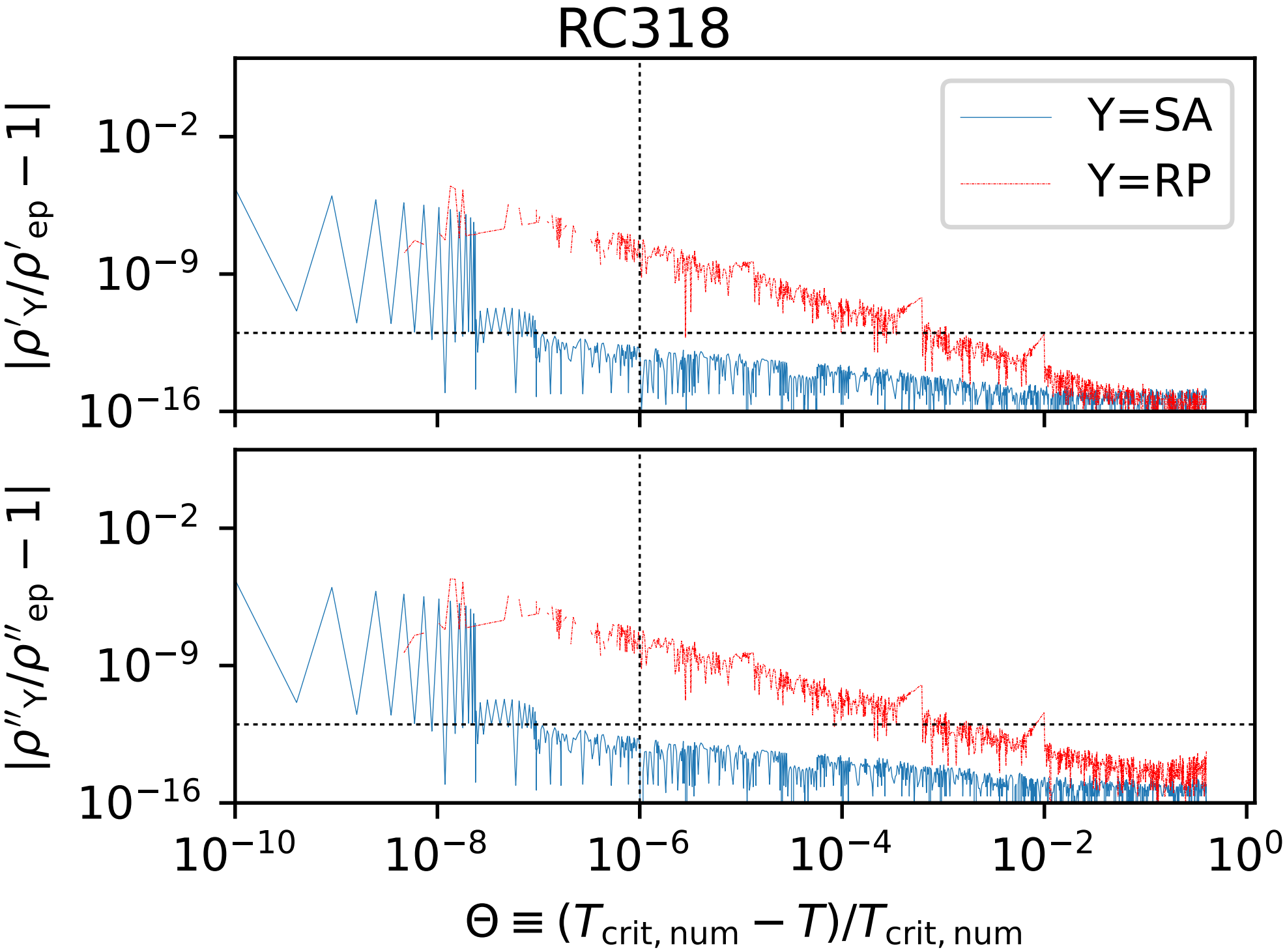

R245FA
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

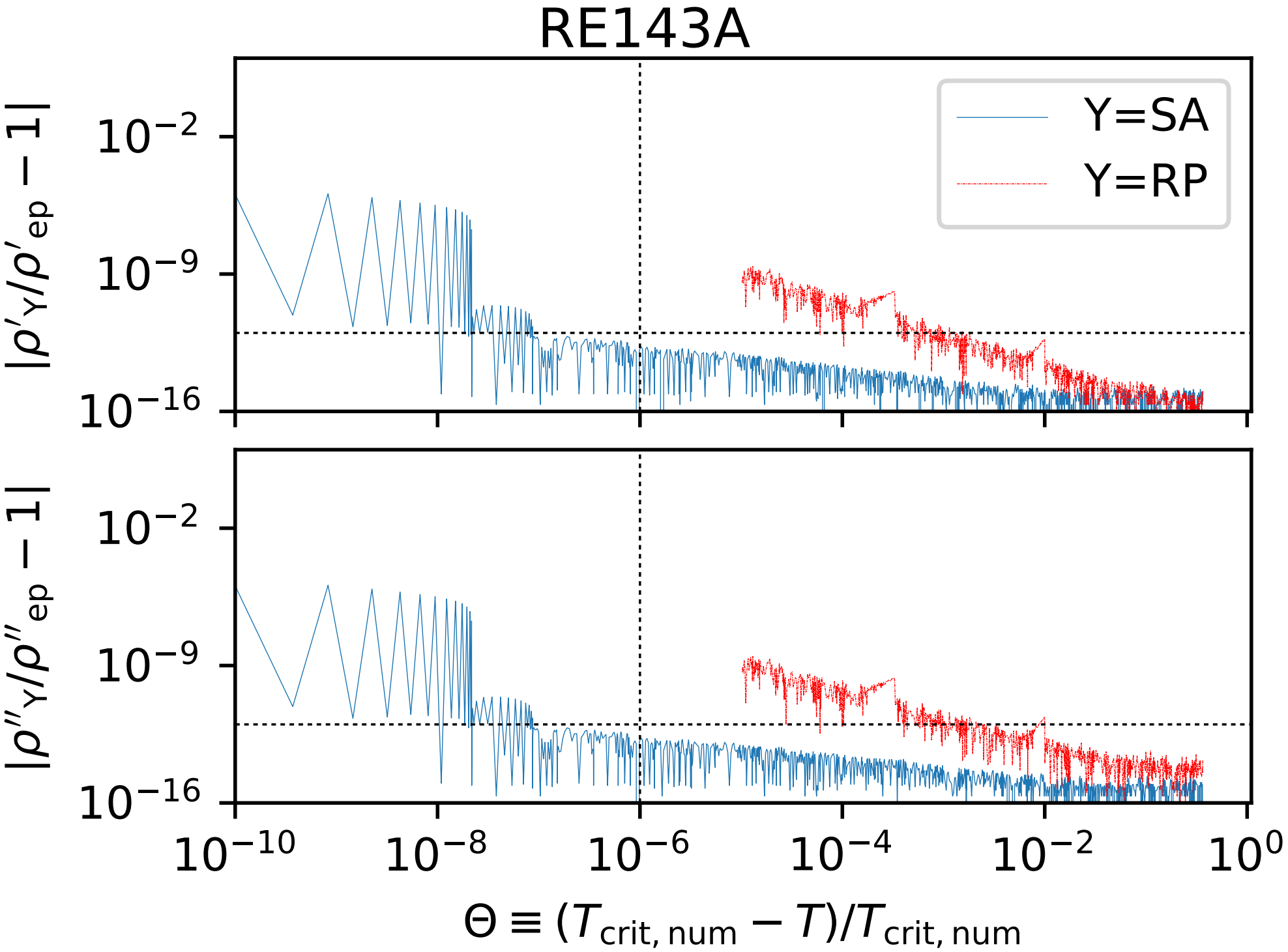

R32
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

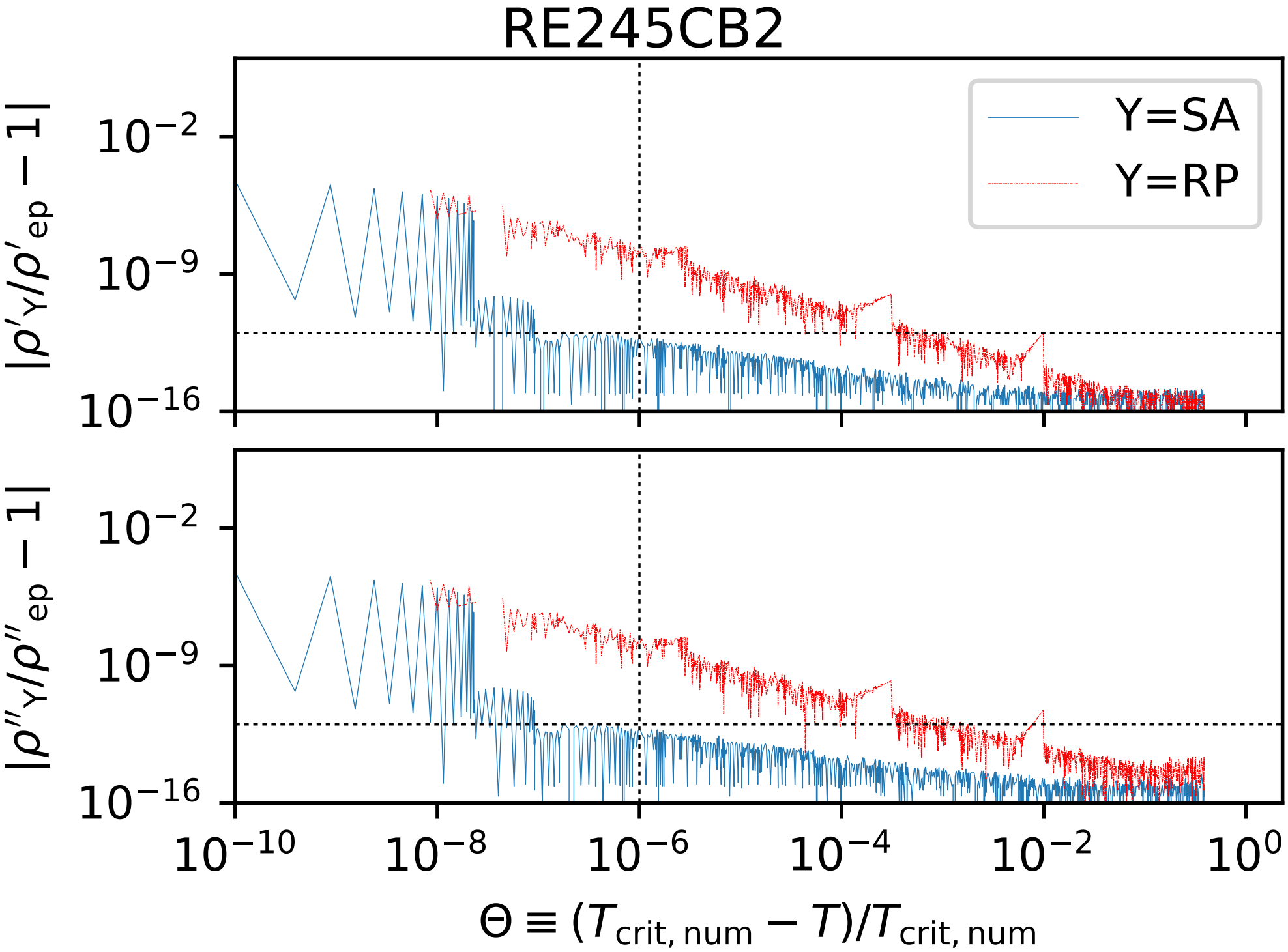

R365MFC
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

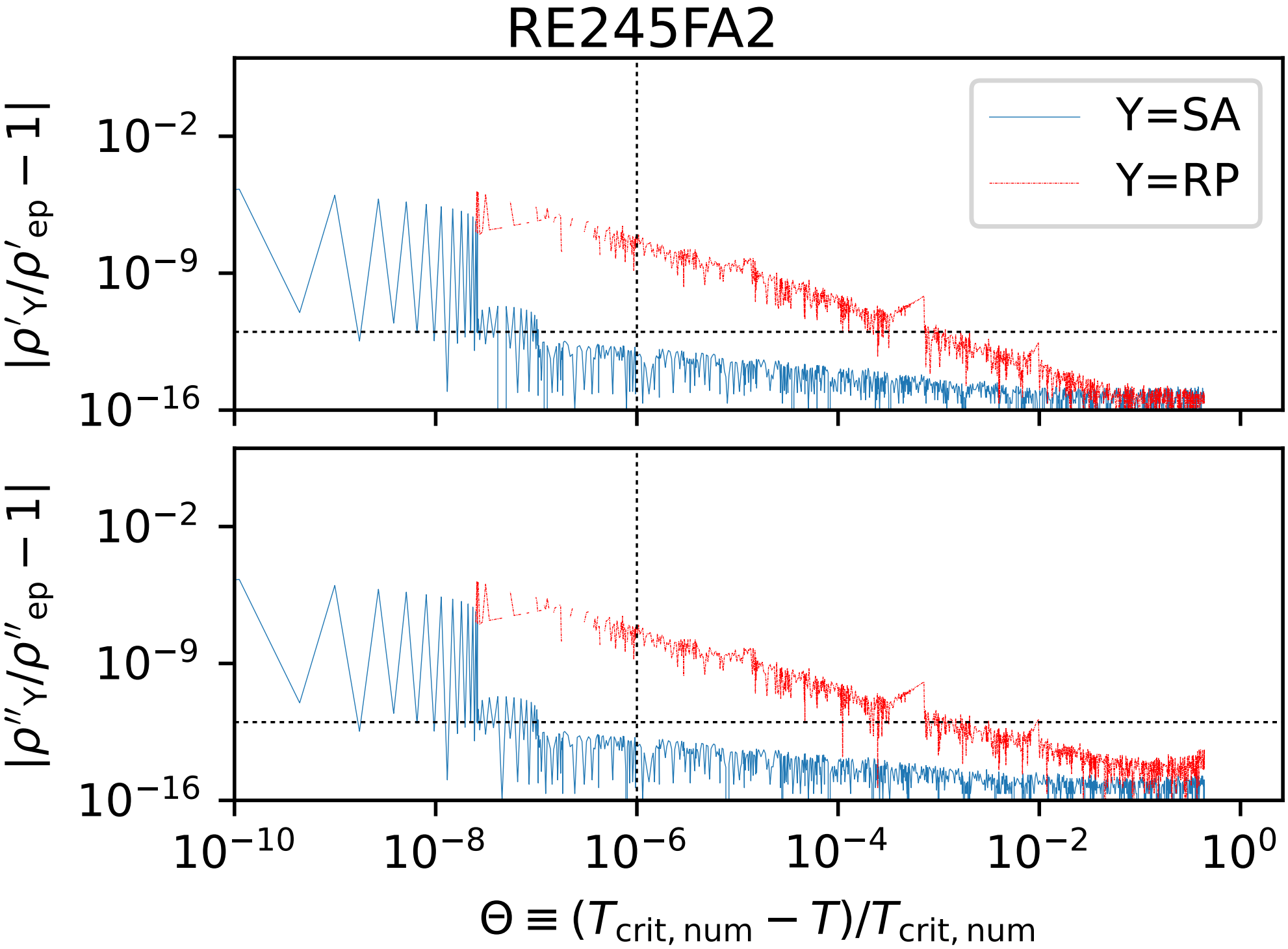

R40
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

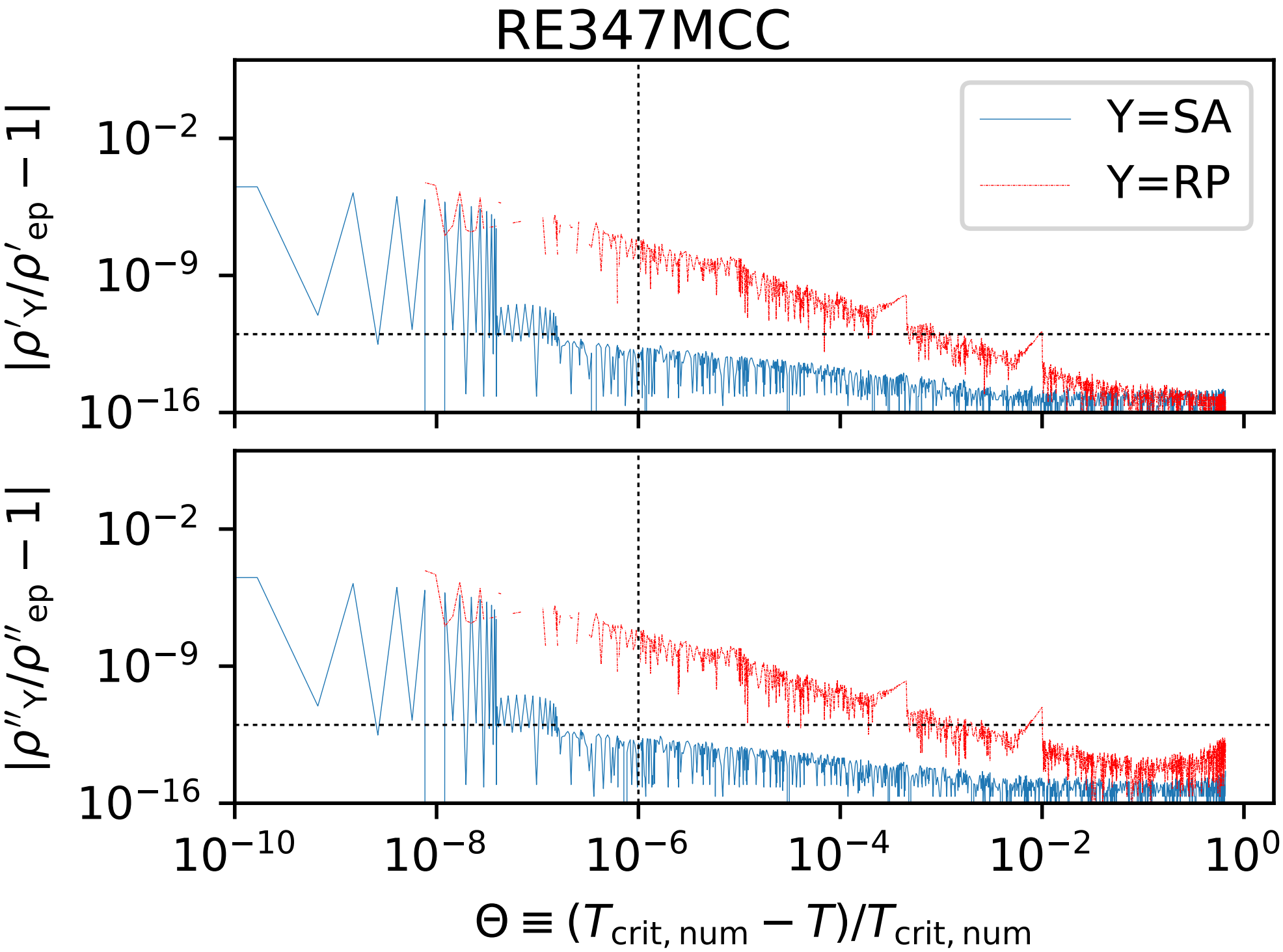

R41
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

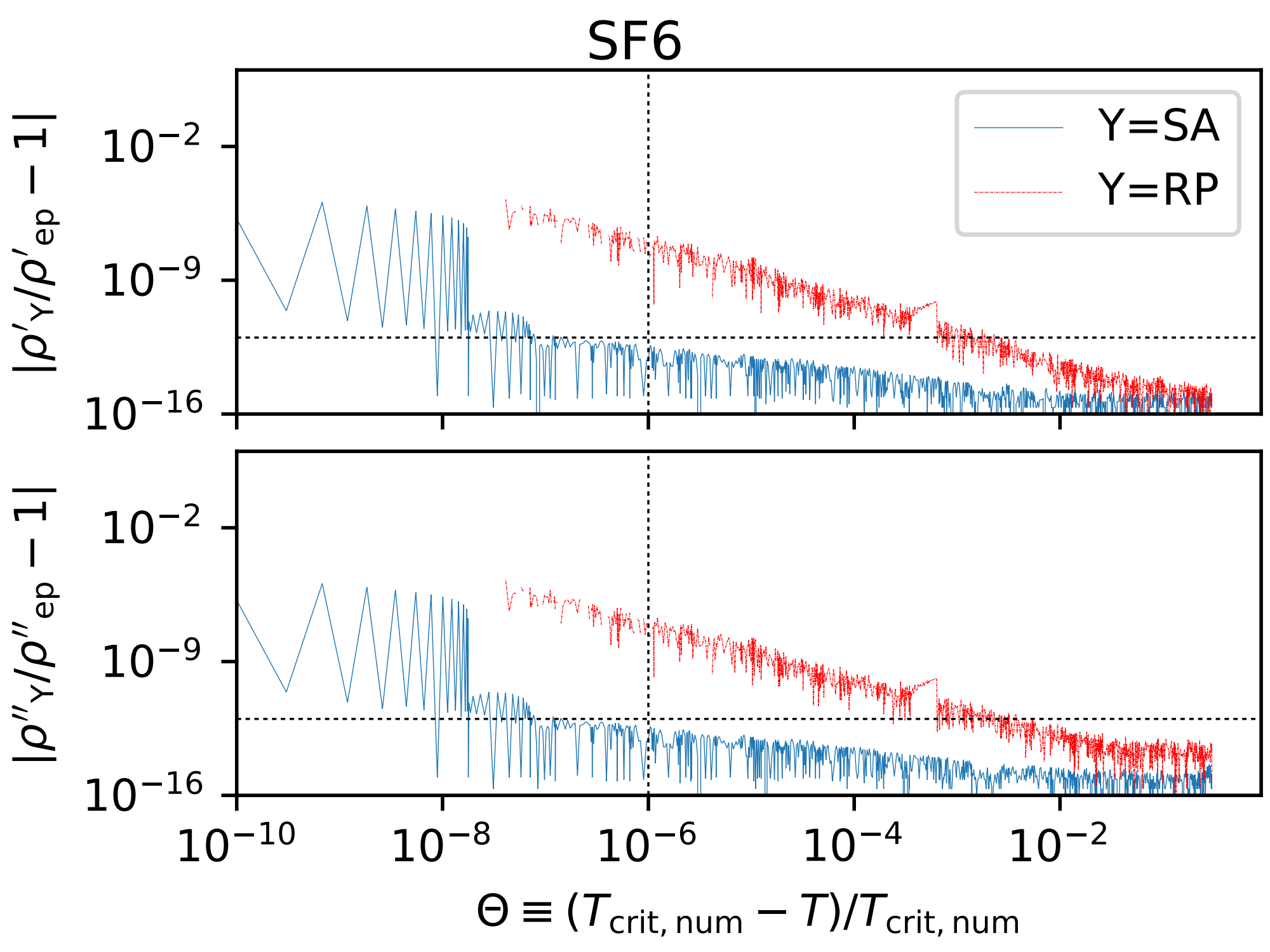

RC318
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

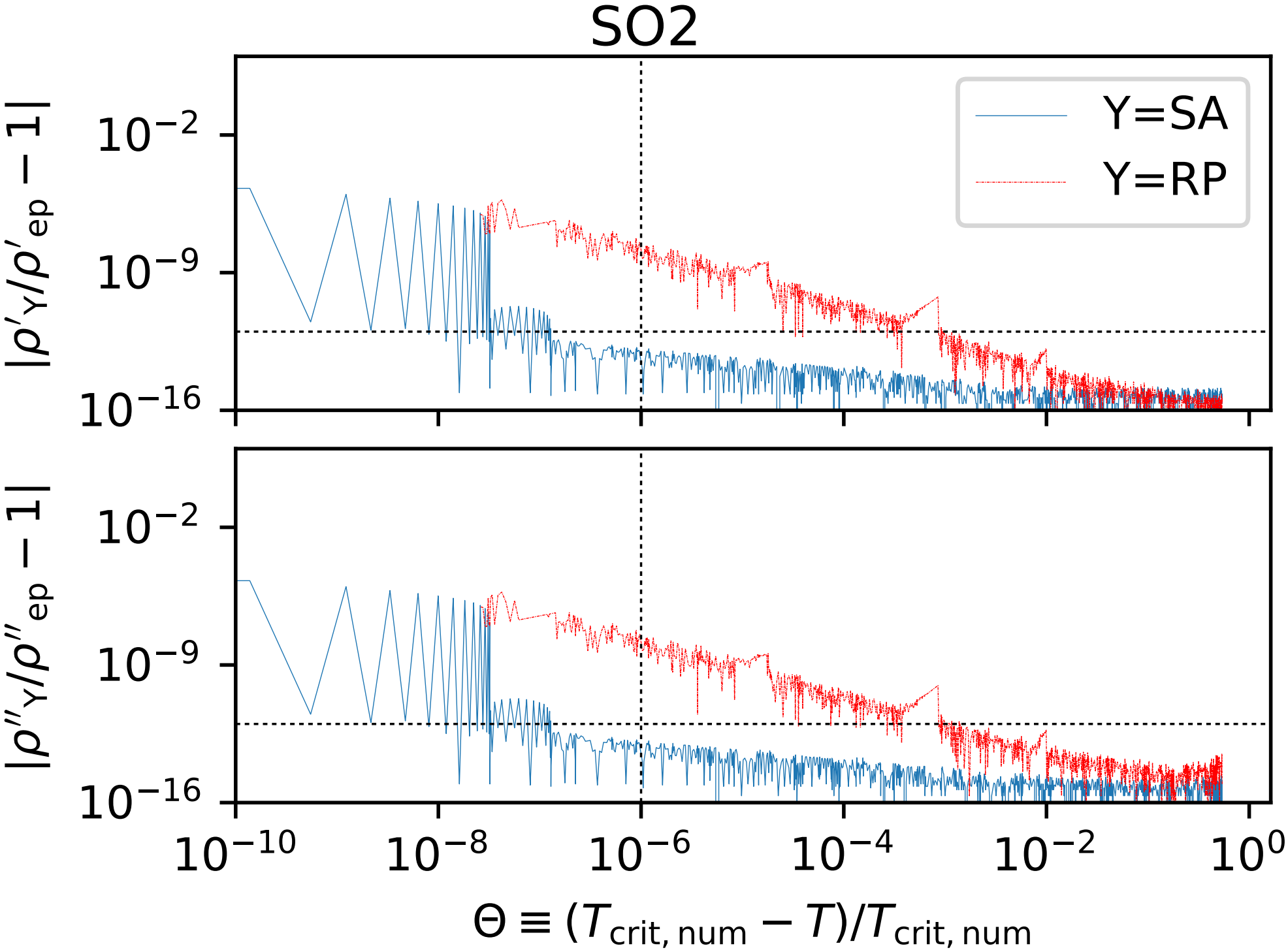

RE143A
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

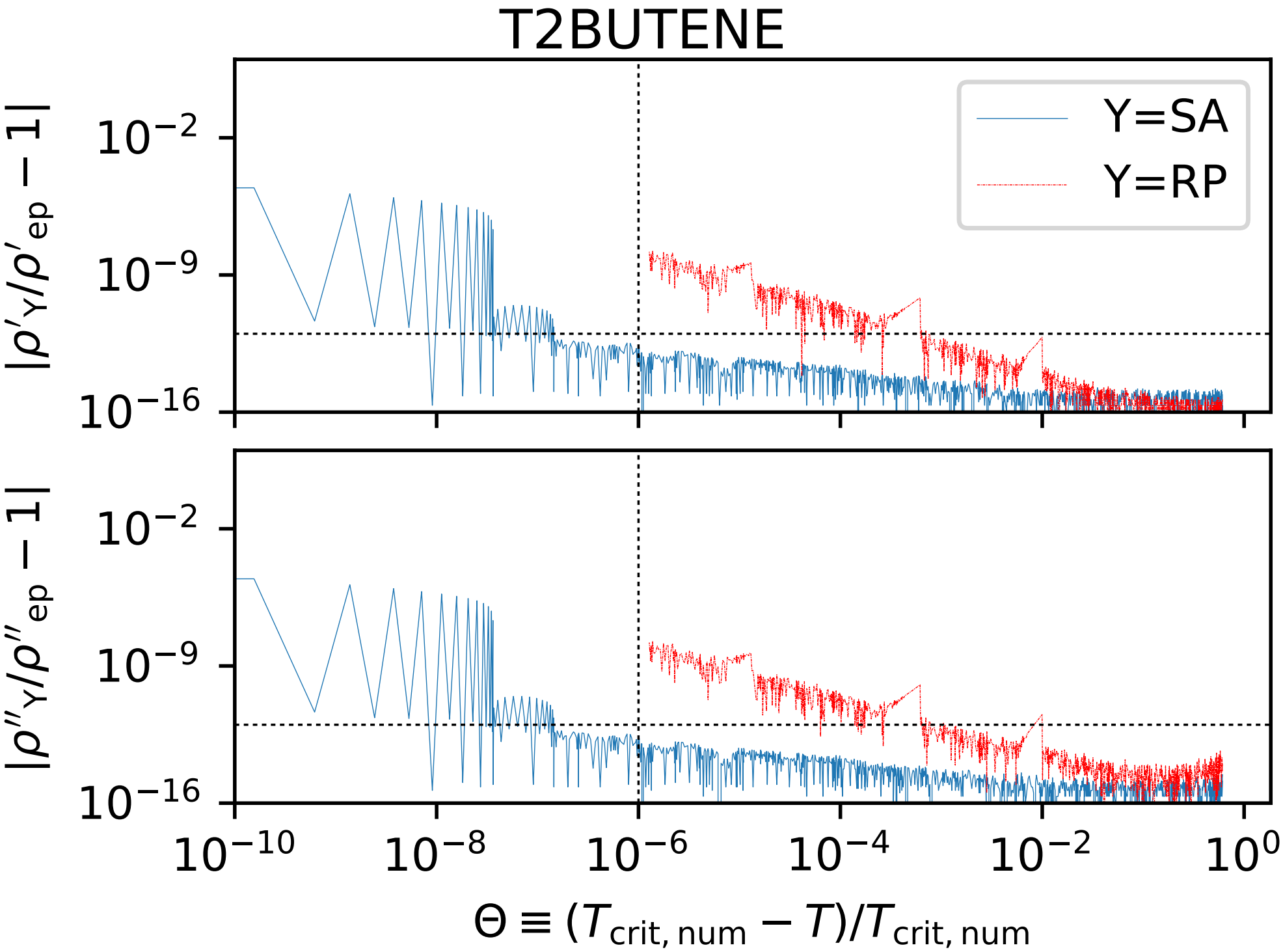

RE245CB2
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

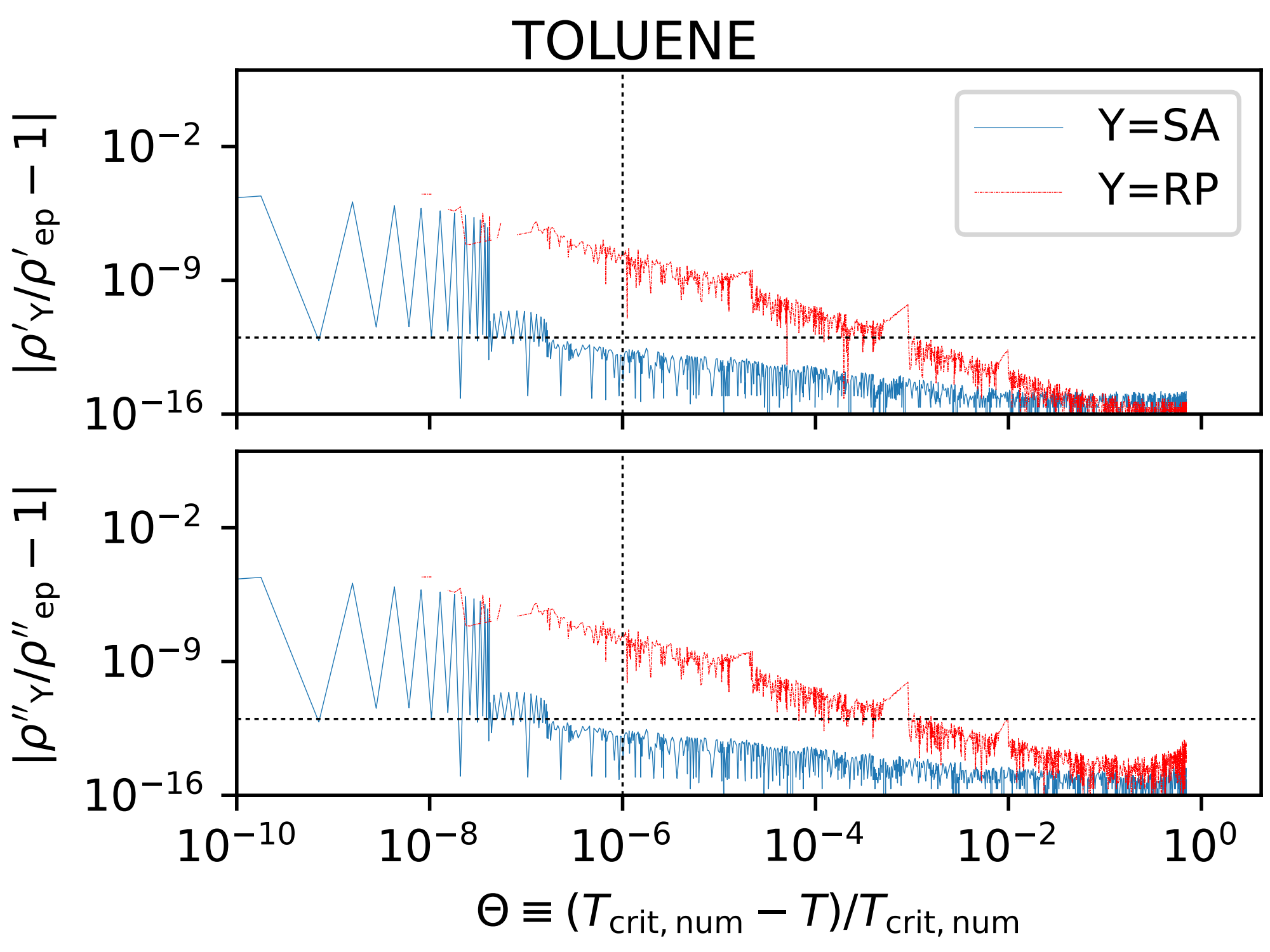

RE245FA2
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

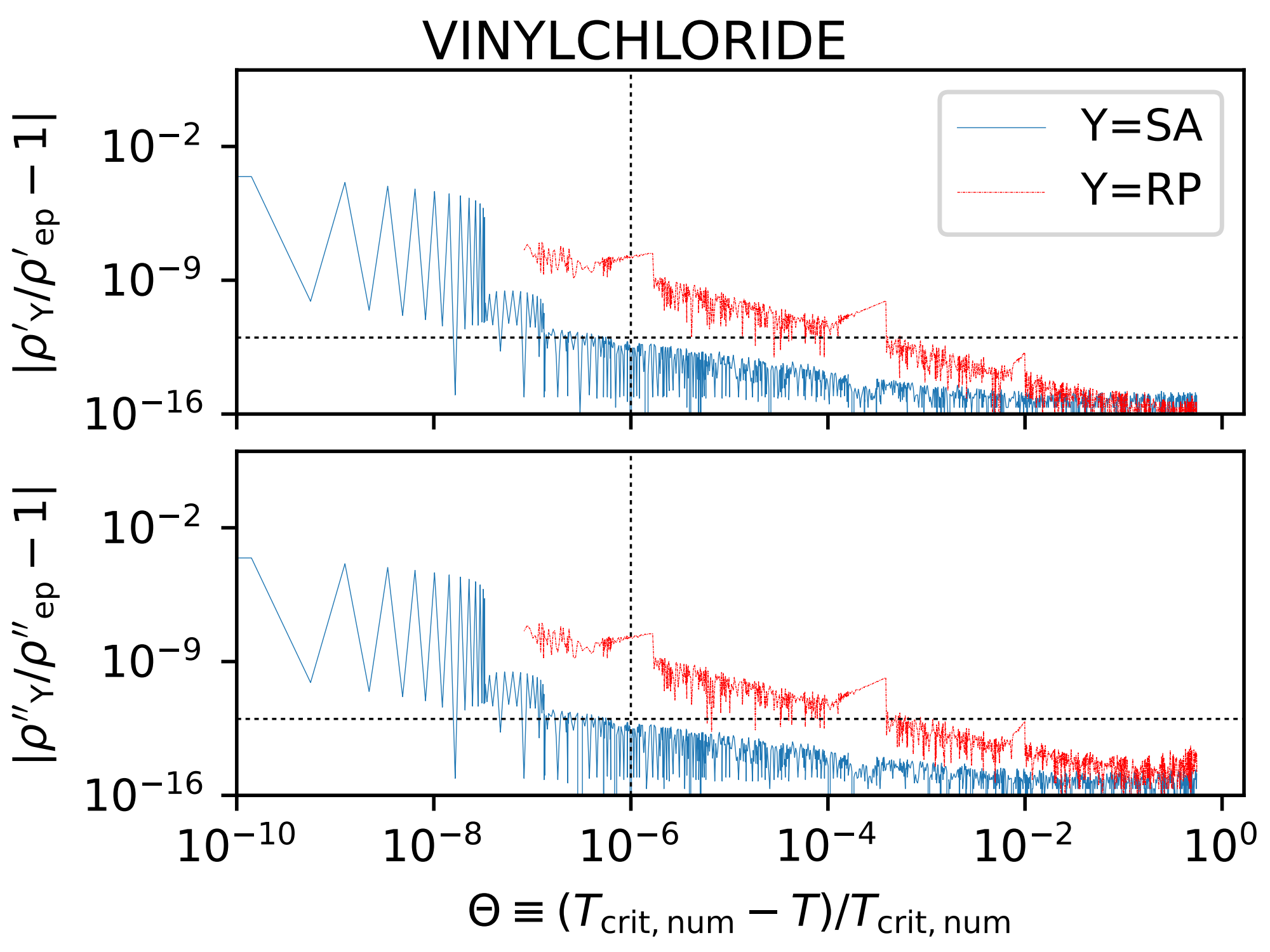

RE347MCC
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

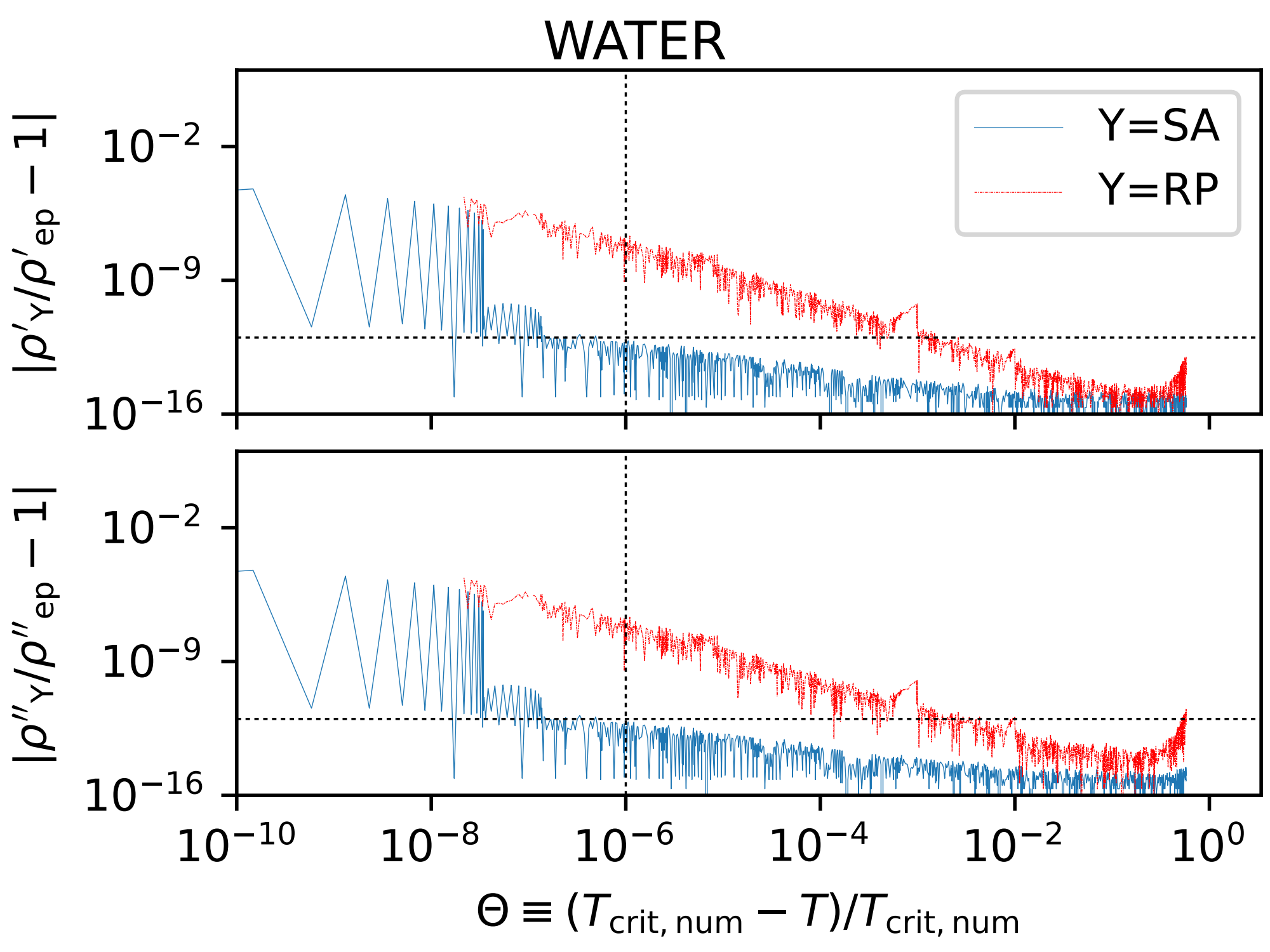

SF6
Y=SA
Y=RP
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

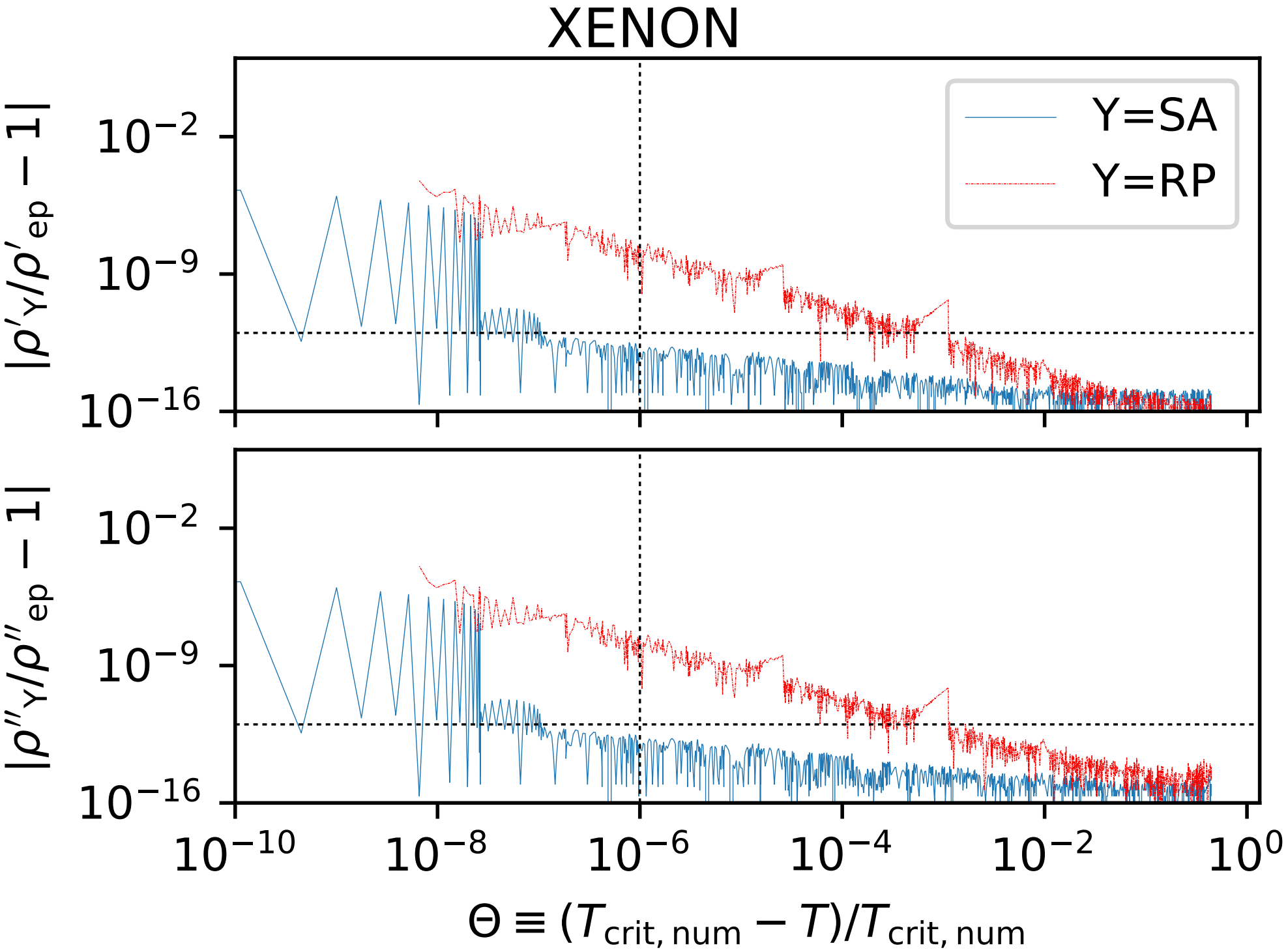

SO2
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


T2BUTENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


TOLUENE
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


VINYLCHLORIDE
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


WATER
Y=SA
Y=RP
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


XENON
Y=SA
Y=RP
$|\rho'_{\Upsilon}/\rho'_{\rm ep} - 1|$
$|\rho''_{\Upsilon}/\rho''_{\rm ep} - 1|$
10^{-2}
10^{-9}
10^{-16}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
10^{-2}
10^{0}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$