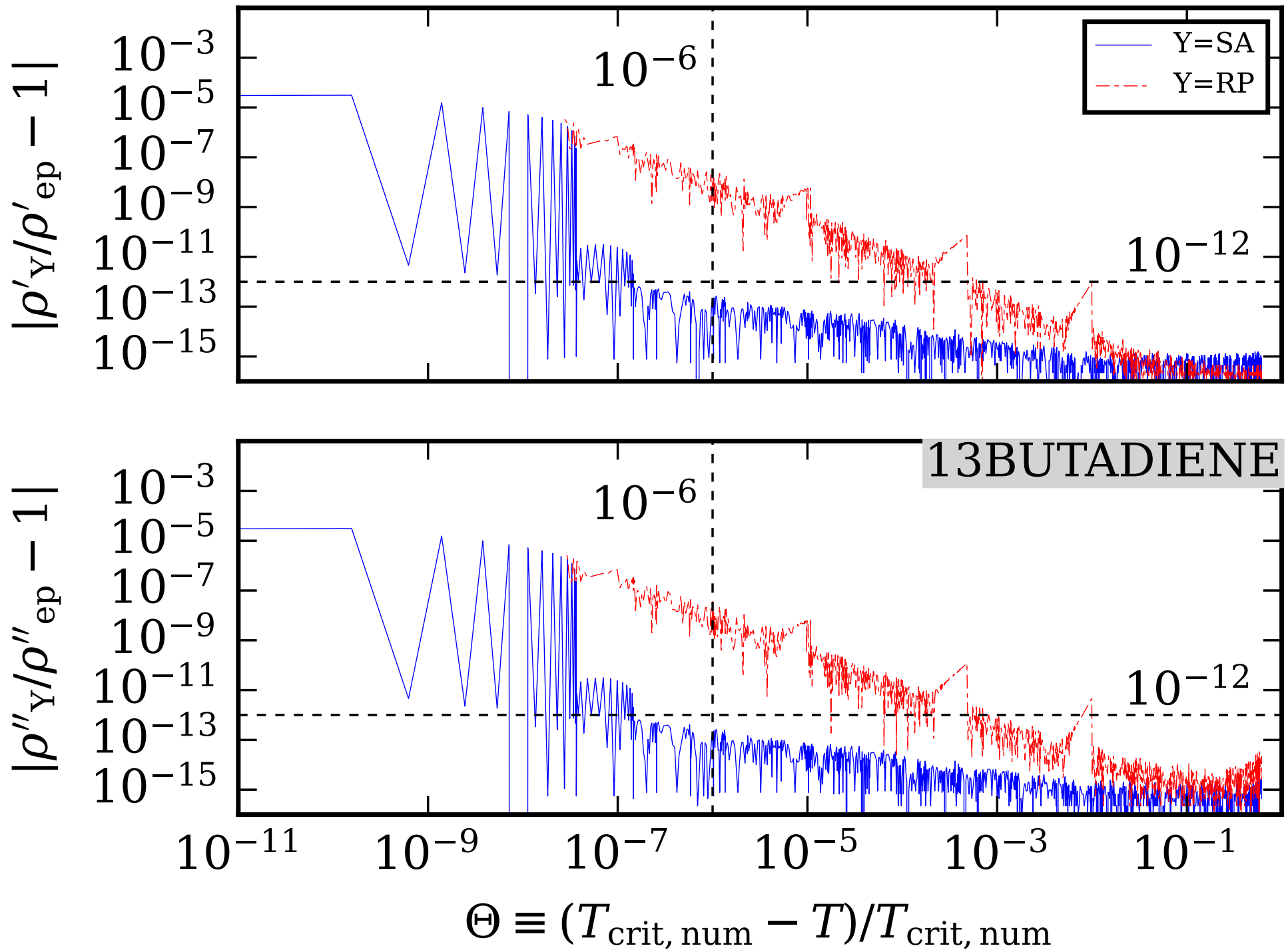
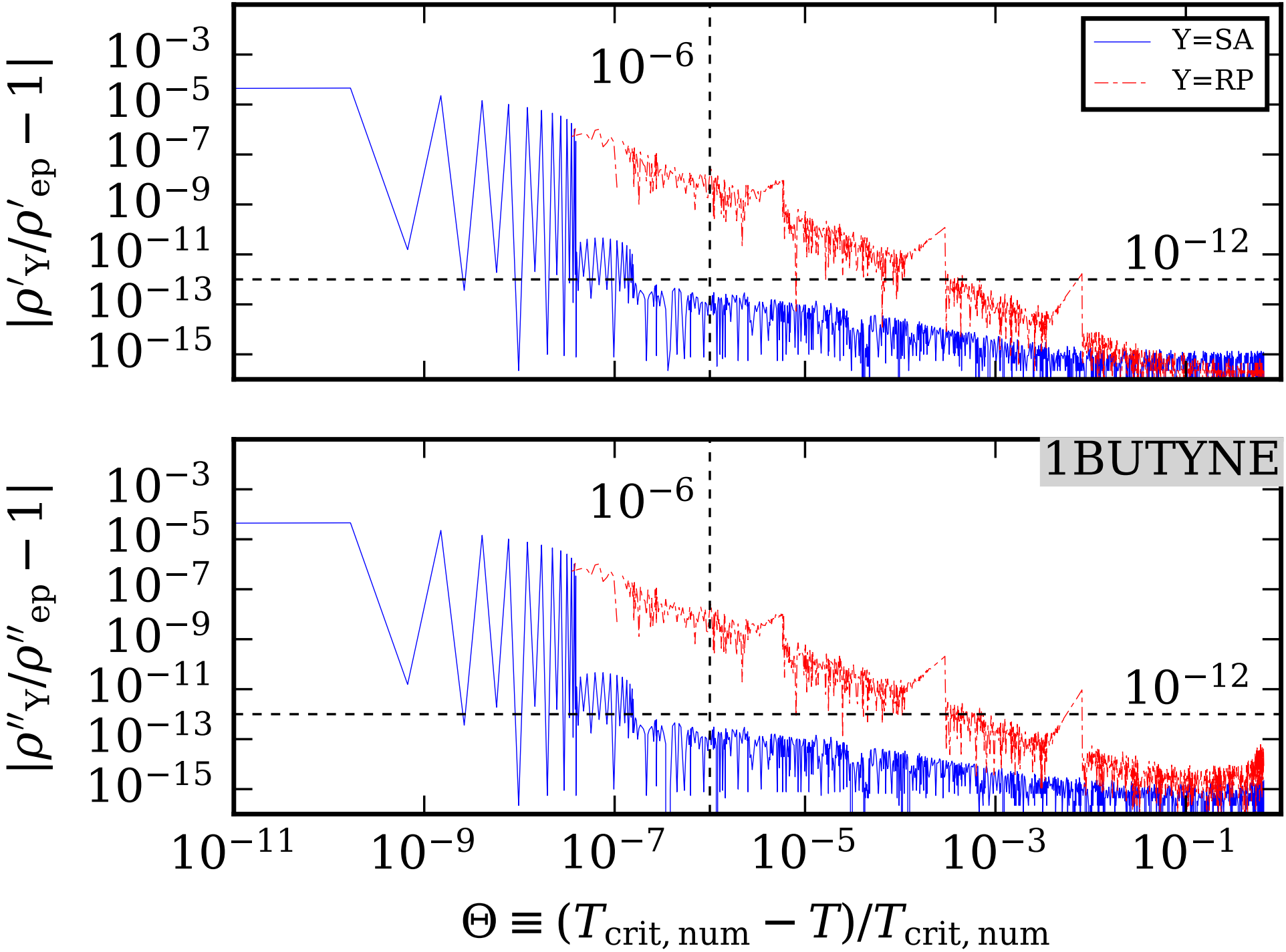
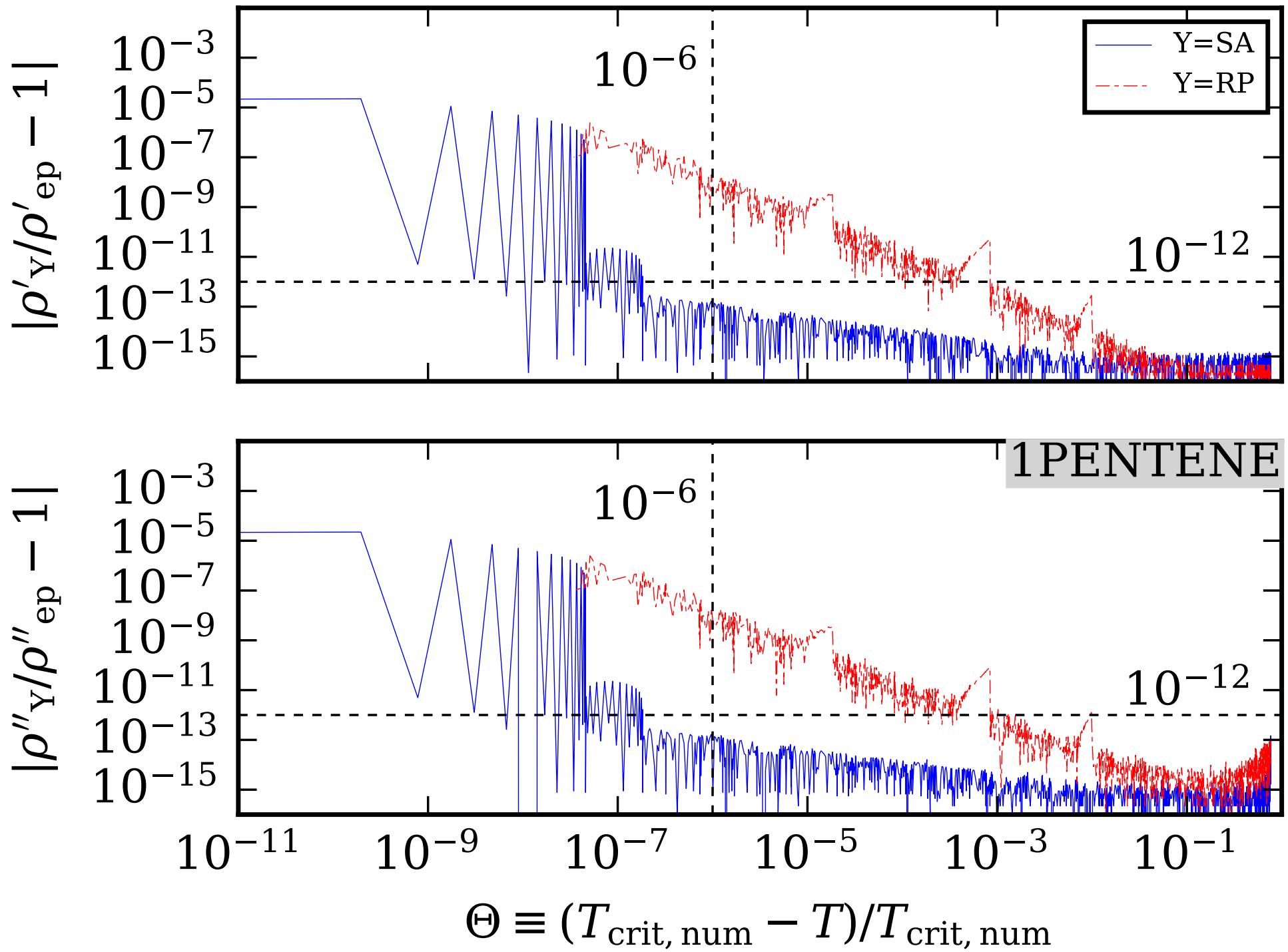
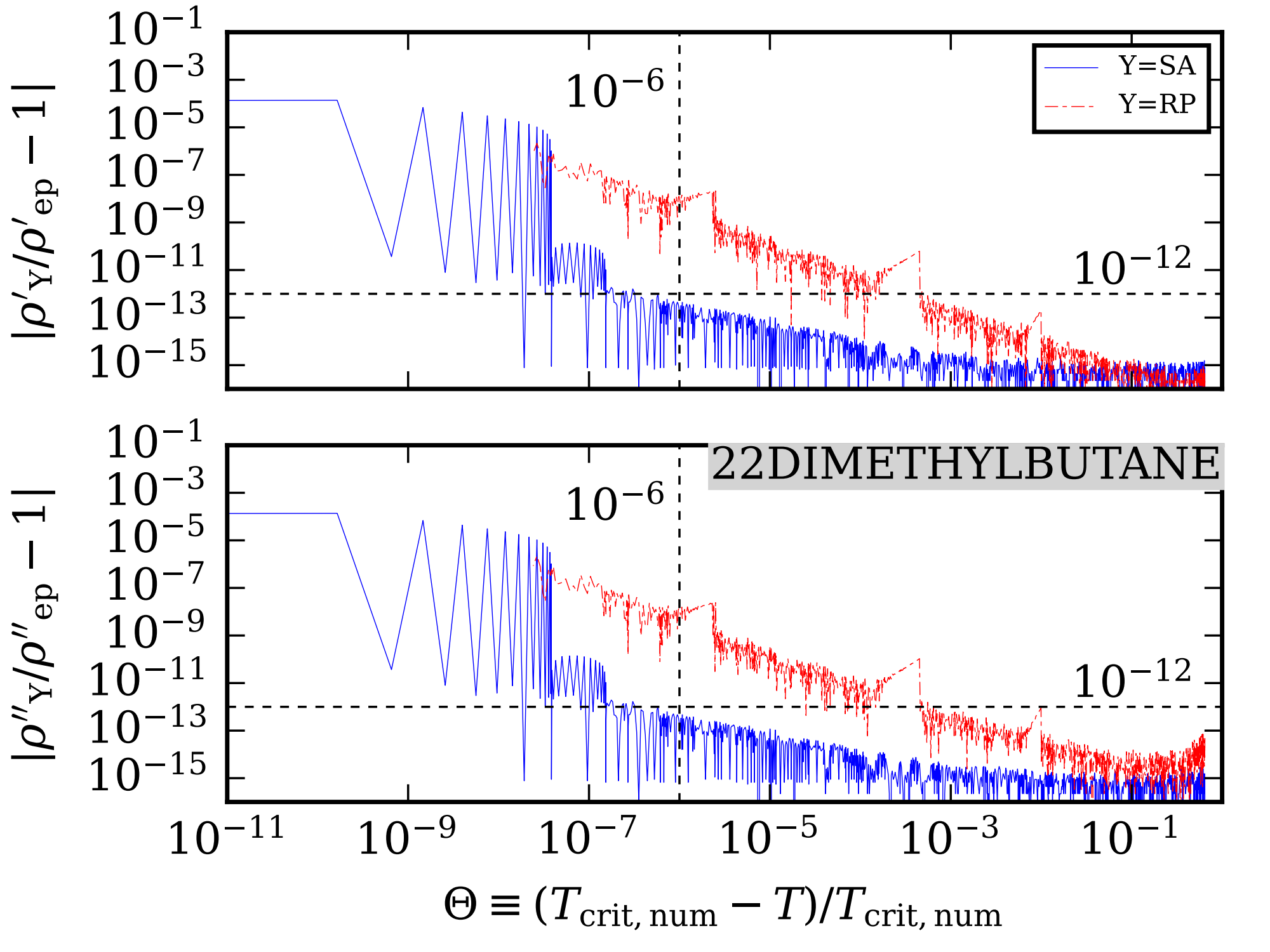
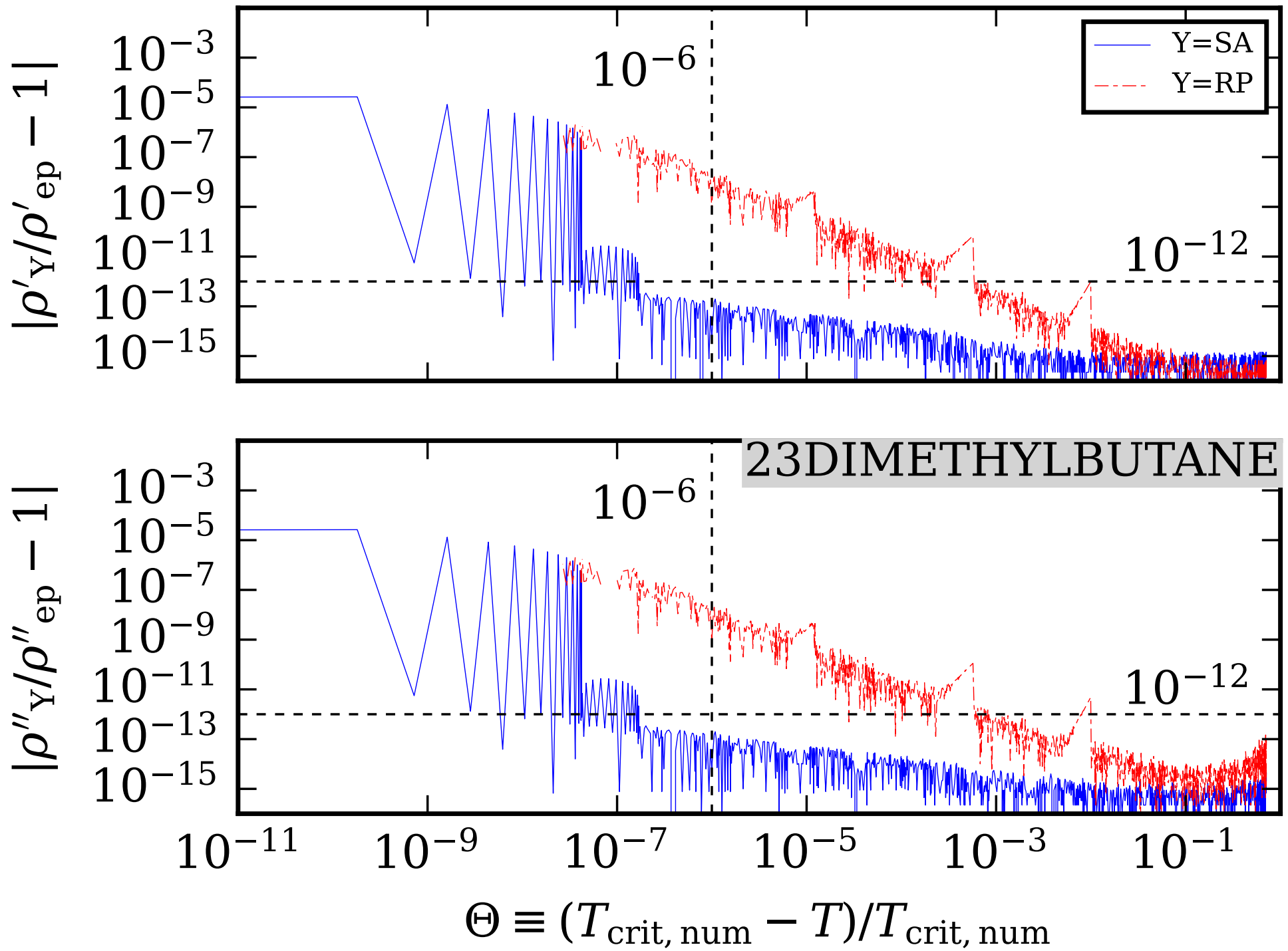
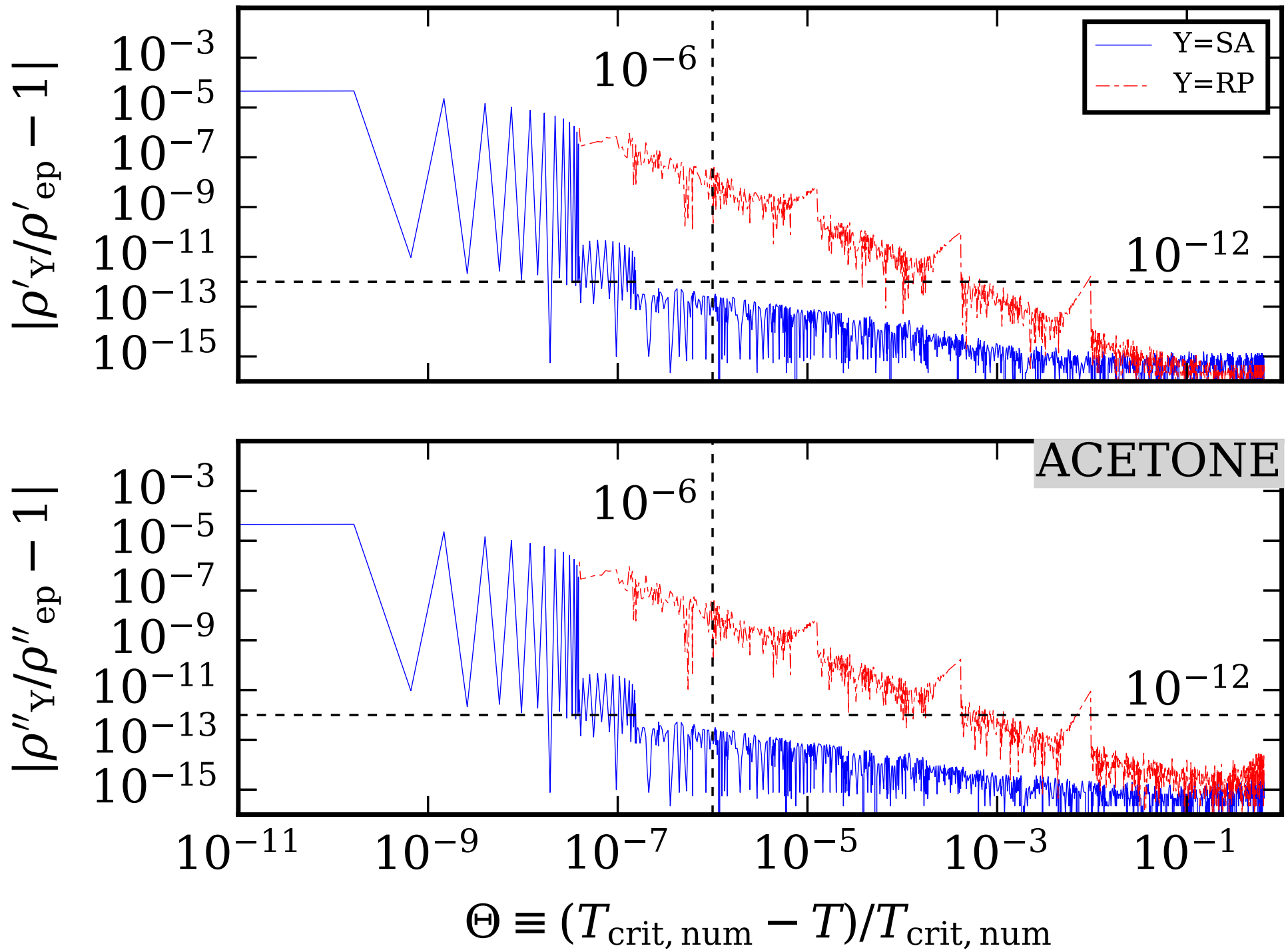

Y=SA
Y=RP
13BUTADIENE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

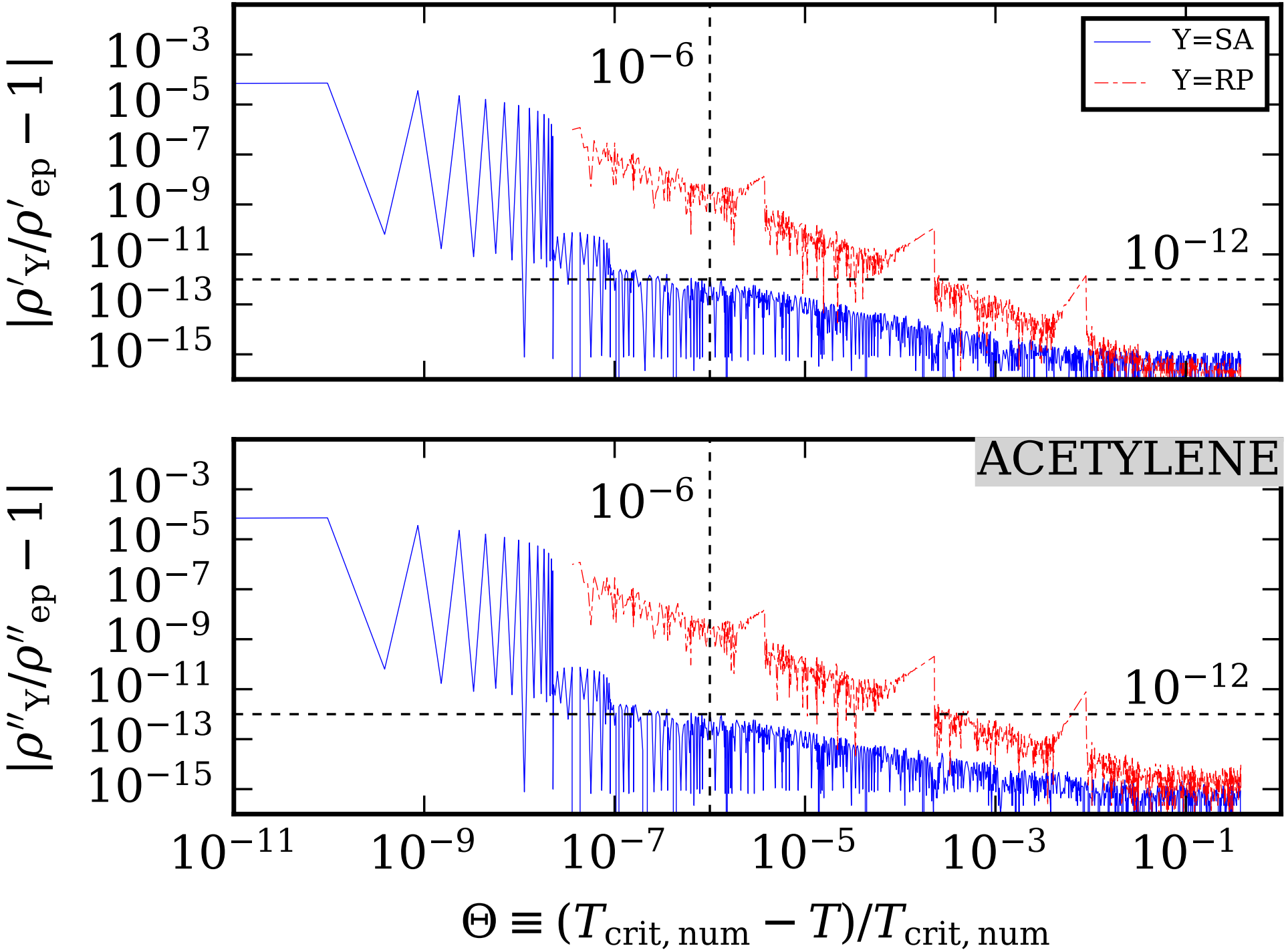

Y=SA
Y=RP
1BUTYNE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

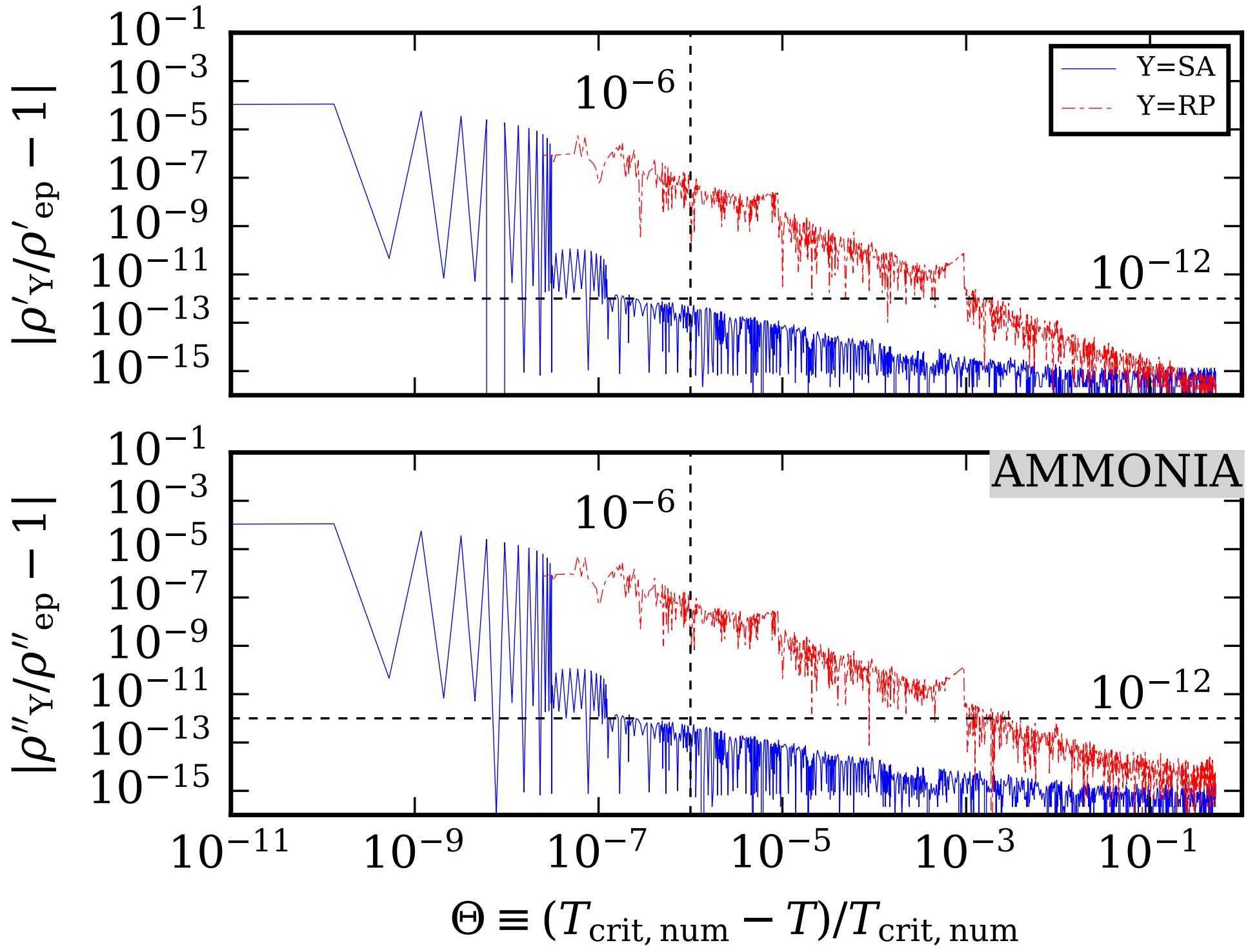

Y=SA
Y=RP
1PENTENE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

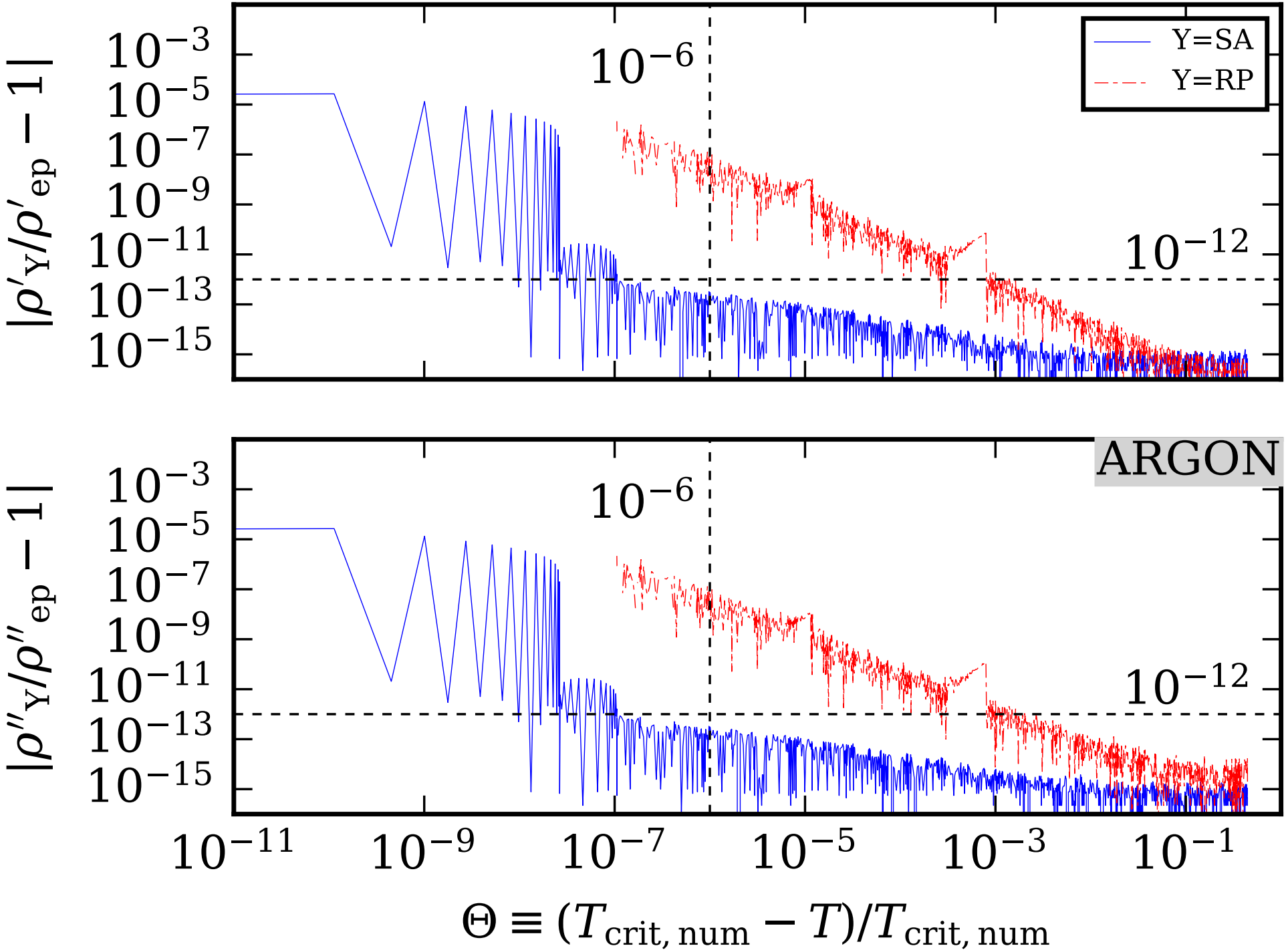

Y=SA
Y=RP
22DIMETHYLBUTANE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

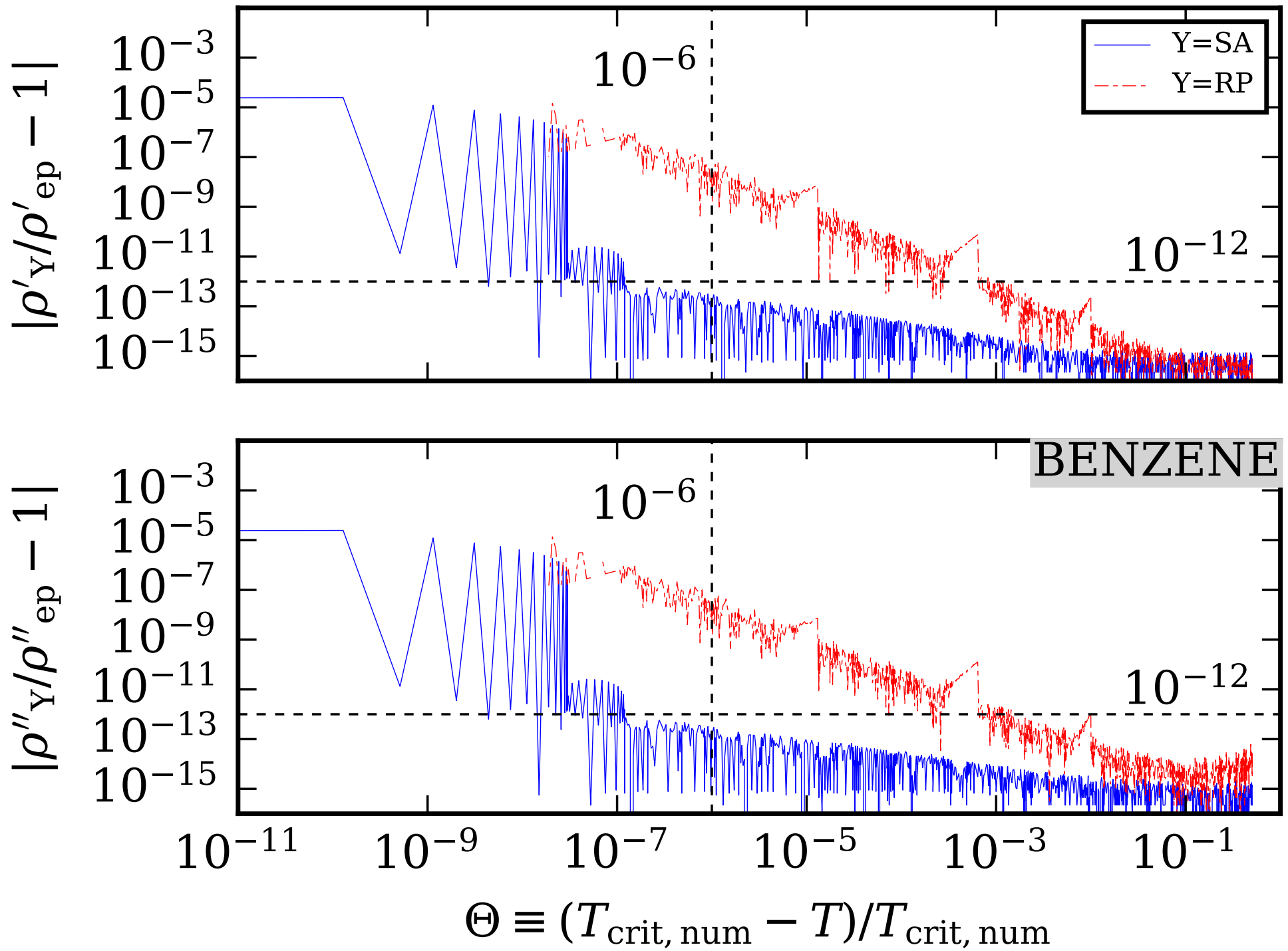

Y=SA
Y=RP
23DIMETHYLBUTANE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

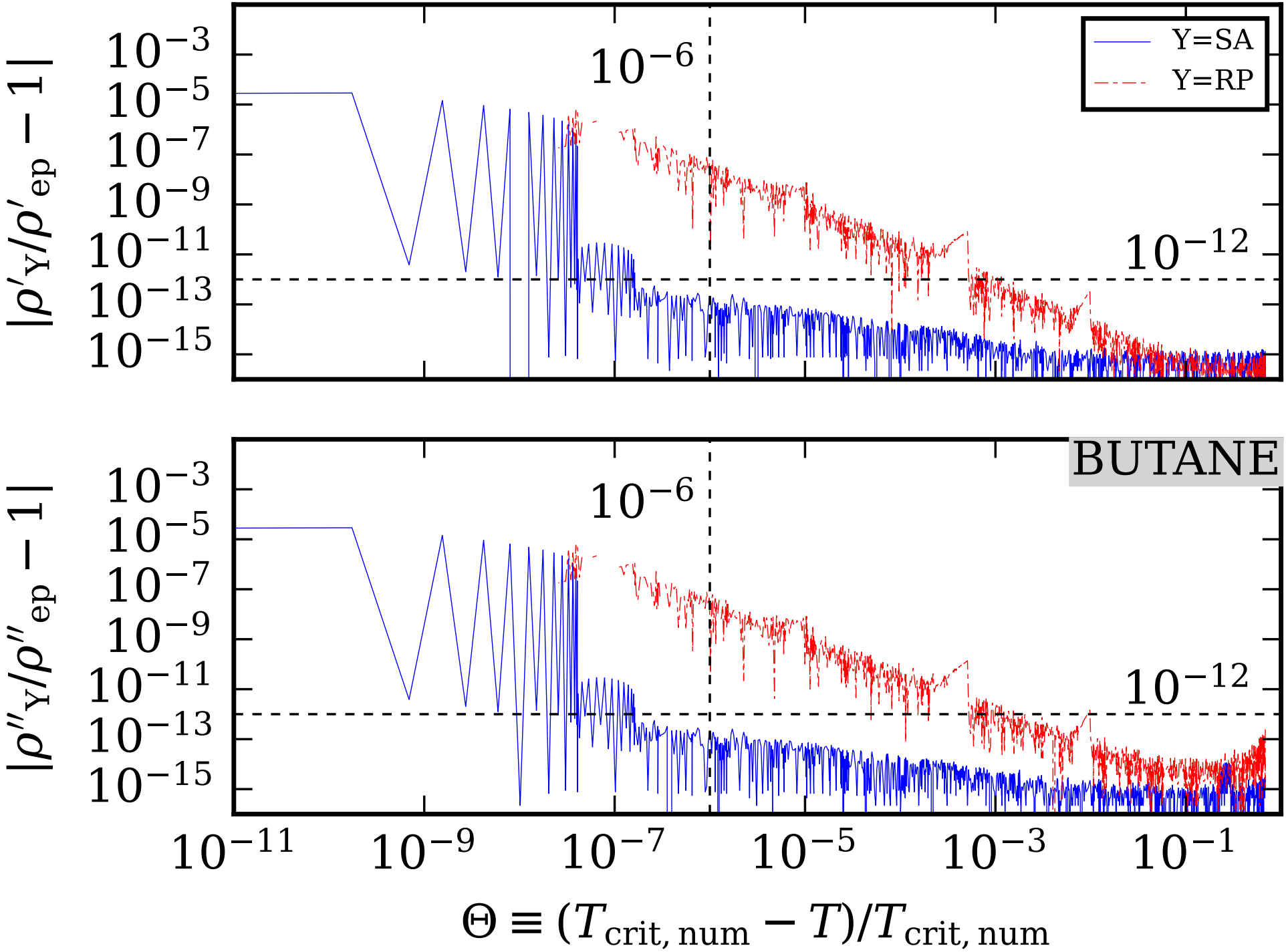

Y=SA
Y=RP
ACETONE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

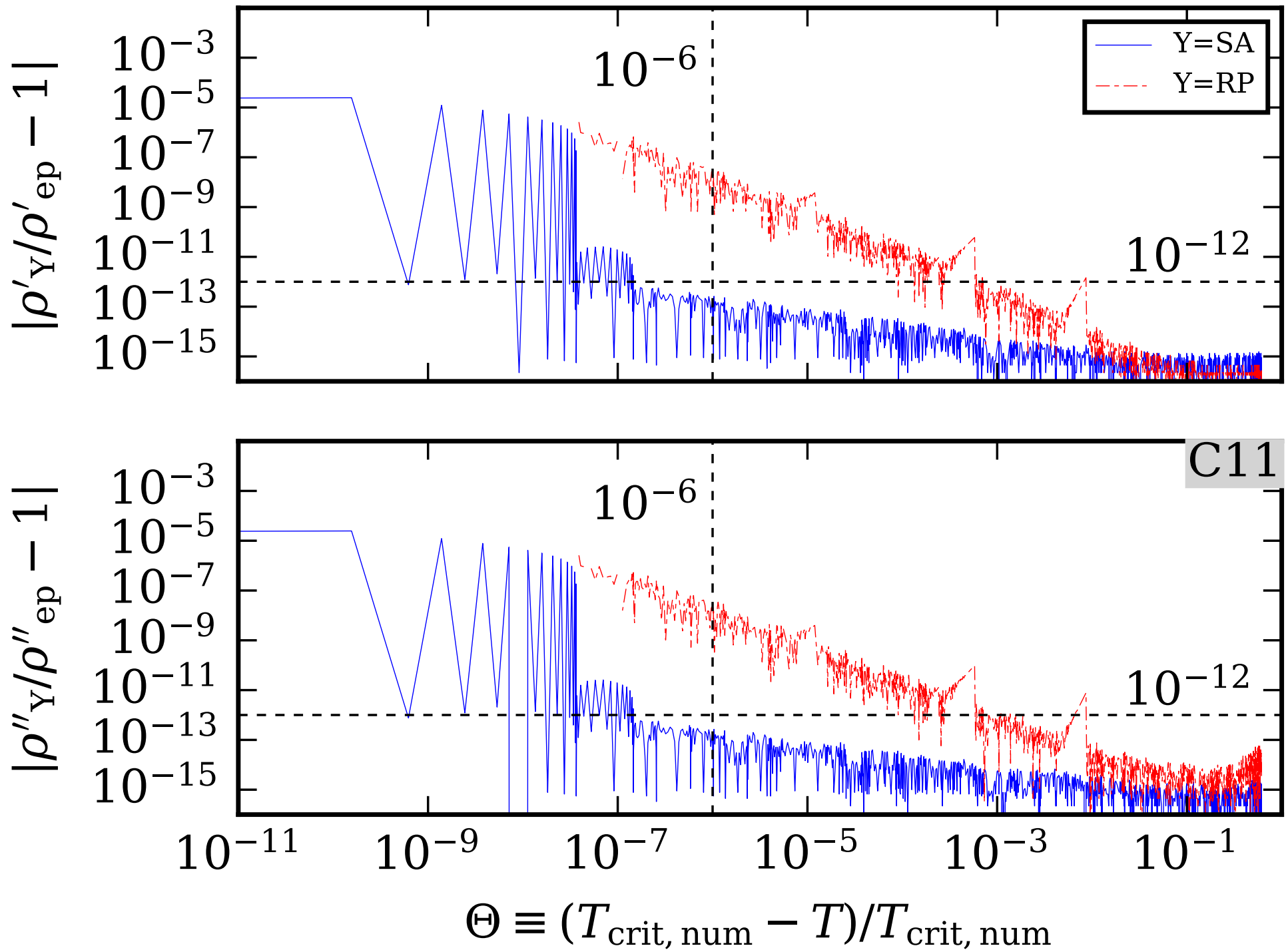

Y=SA
Y=RP
ACETYLENE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

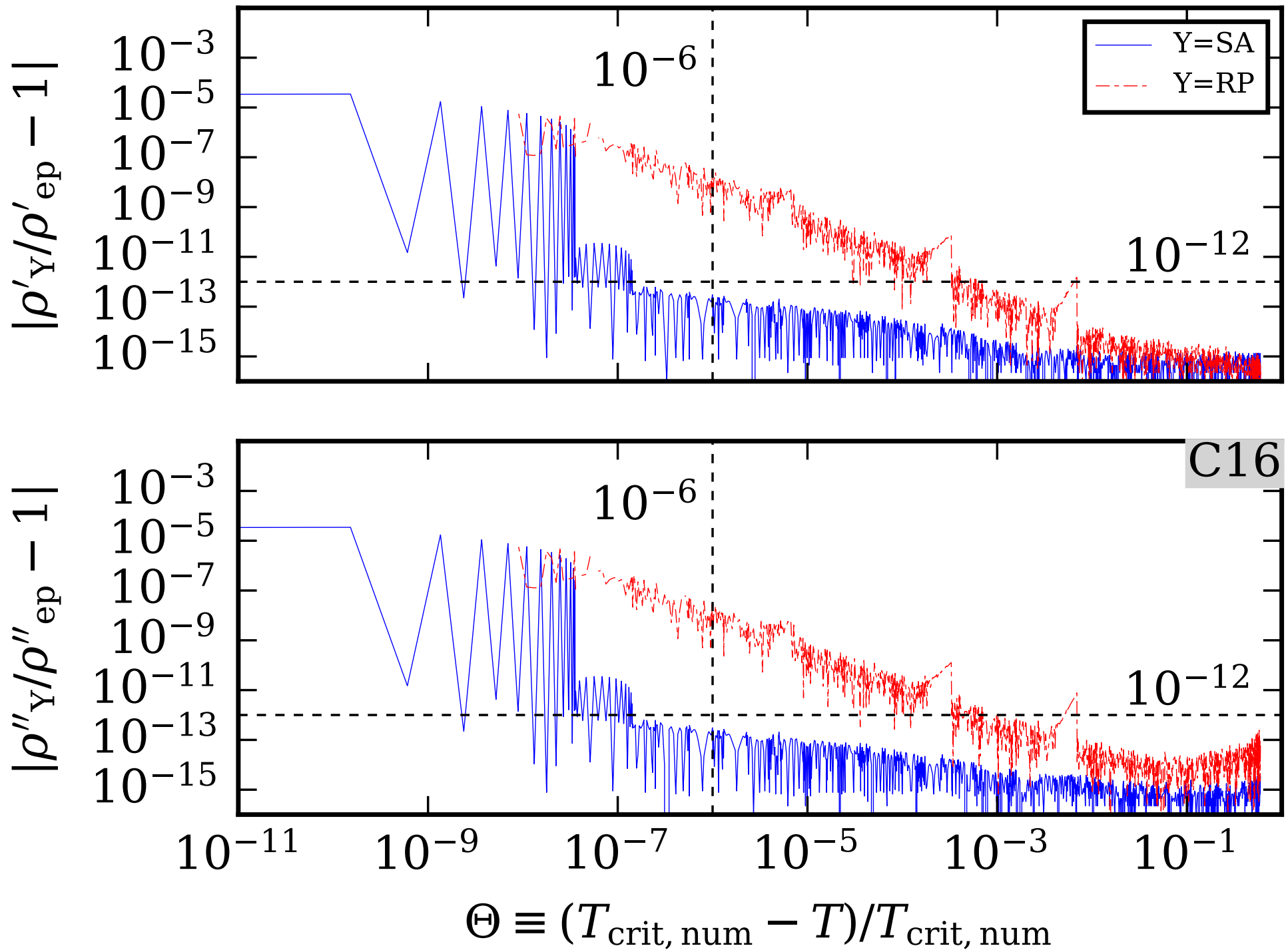

Y=SA
Y=RP
AMMONIA
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

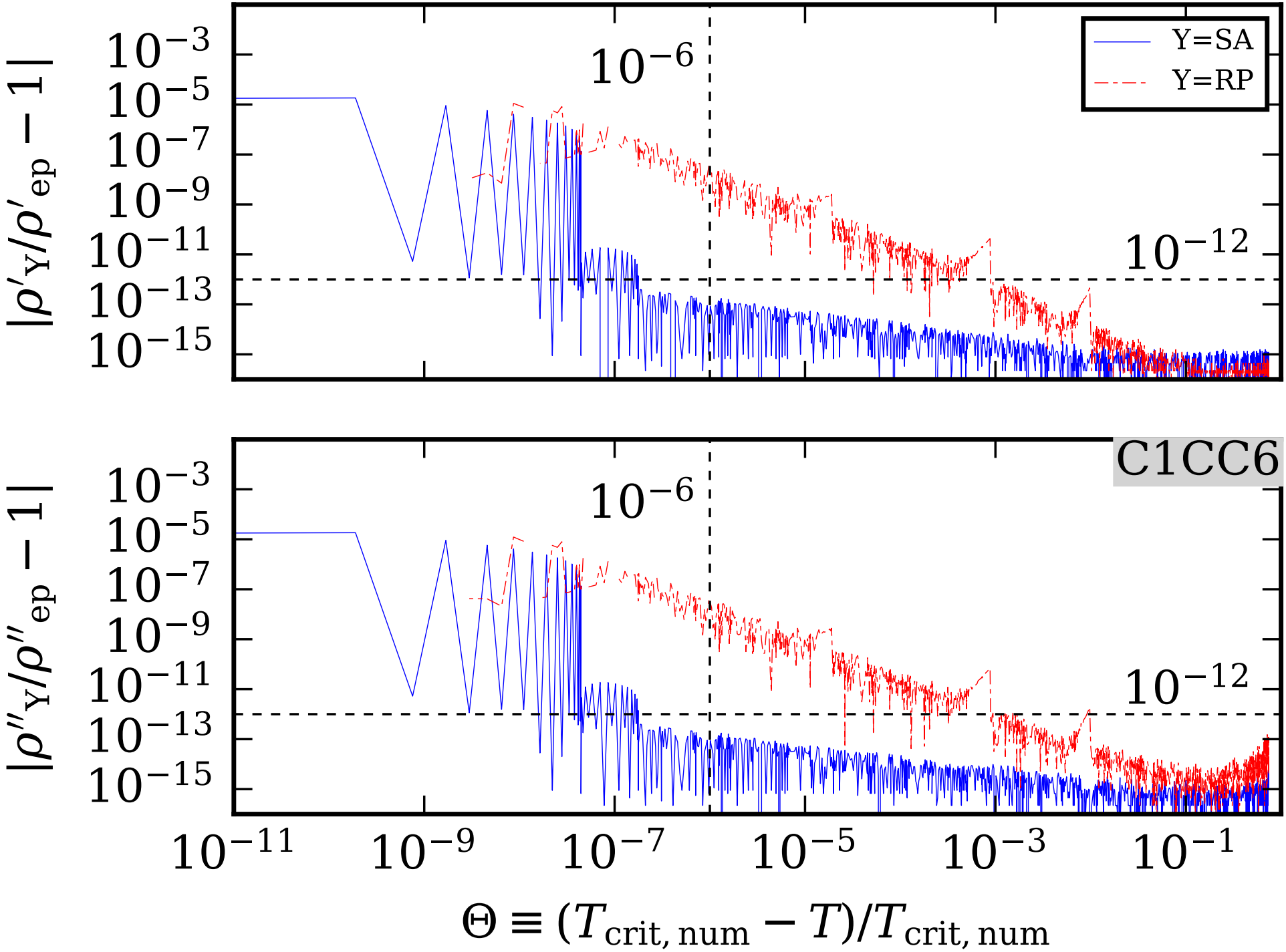

Y=SA
Y=RP
ARGON
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

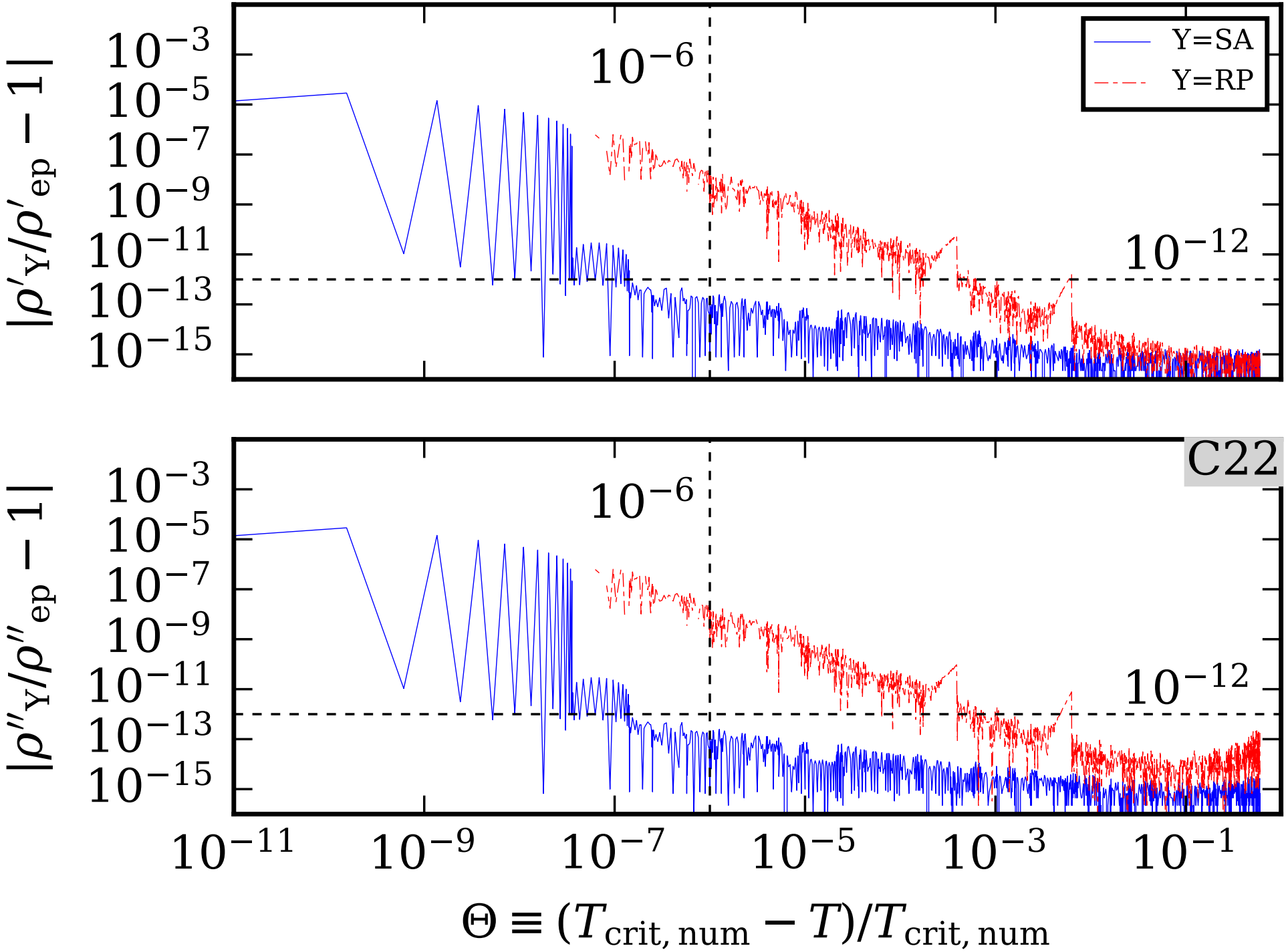

Y=SA
Y=RP
BENZENE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

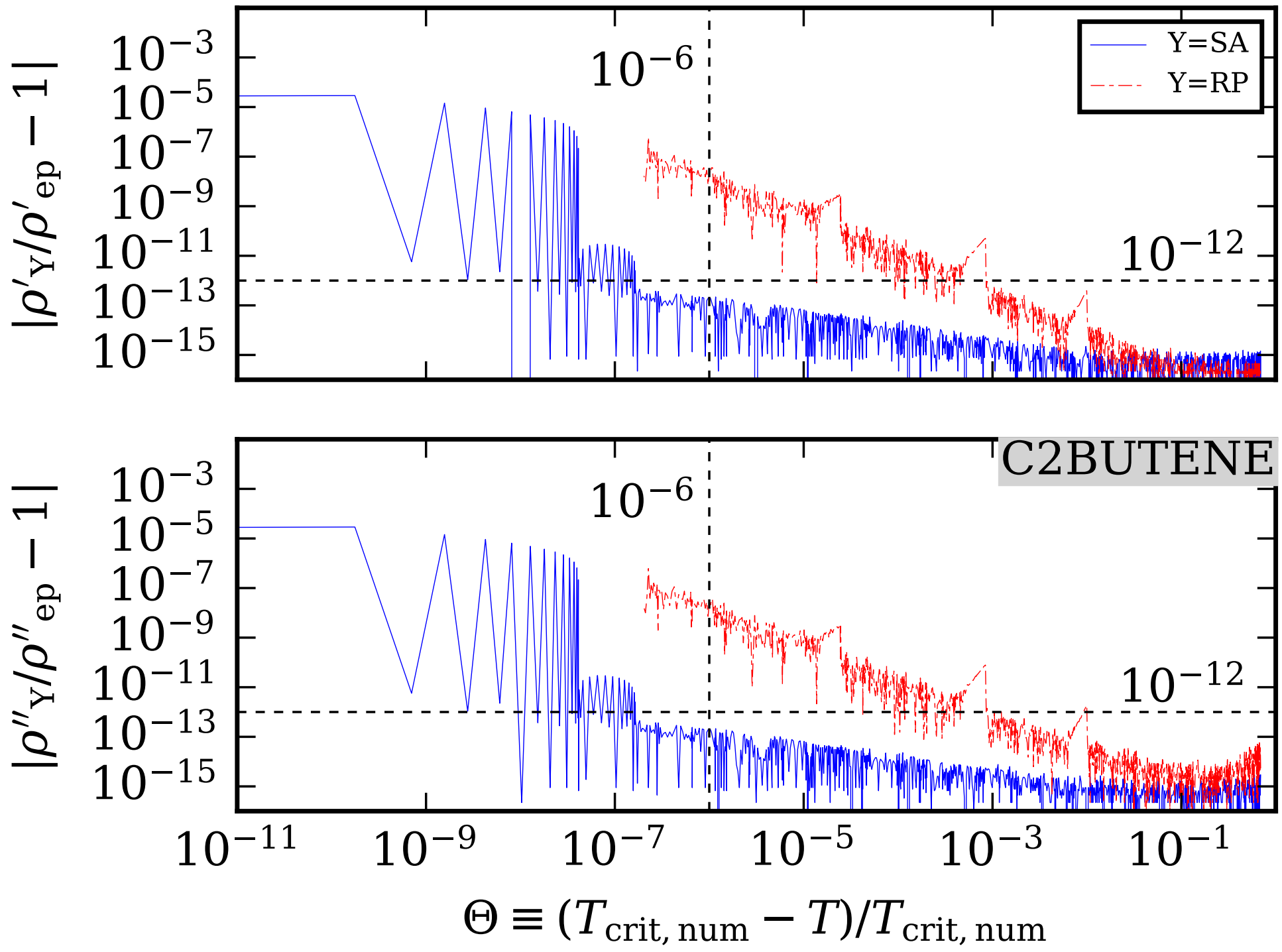

Y=SA
Y=RP
BUTANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

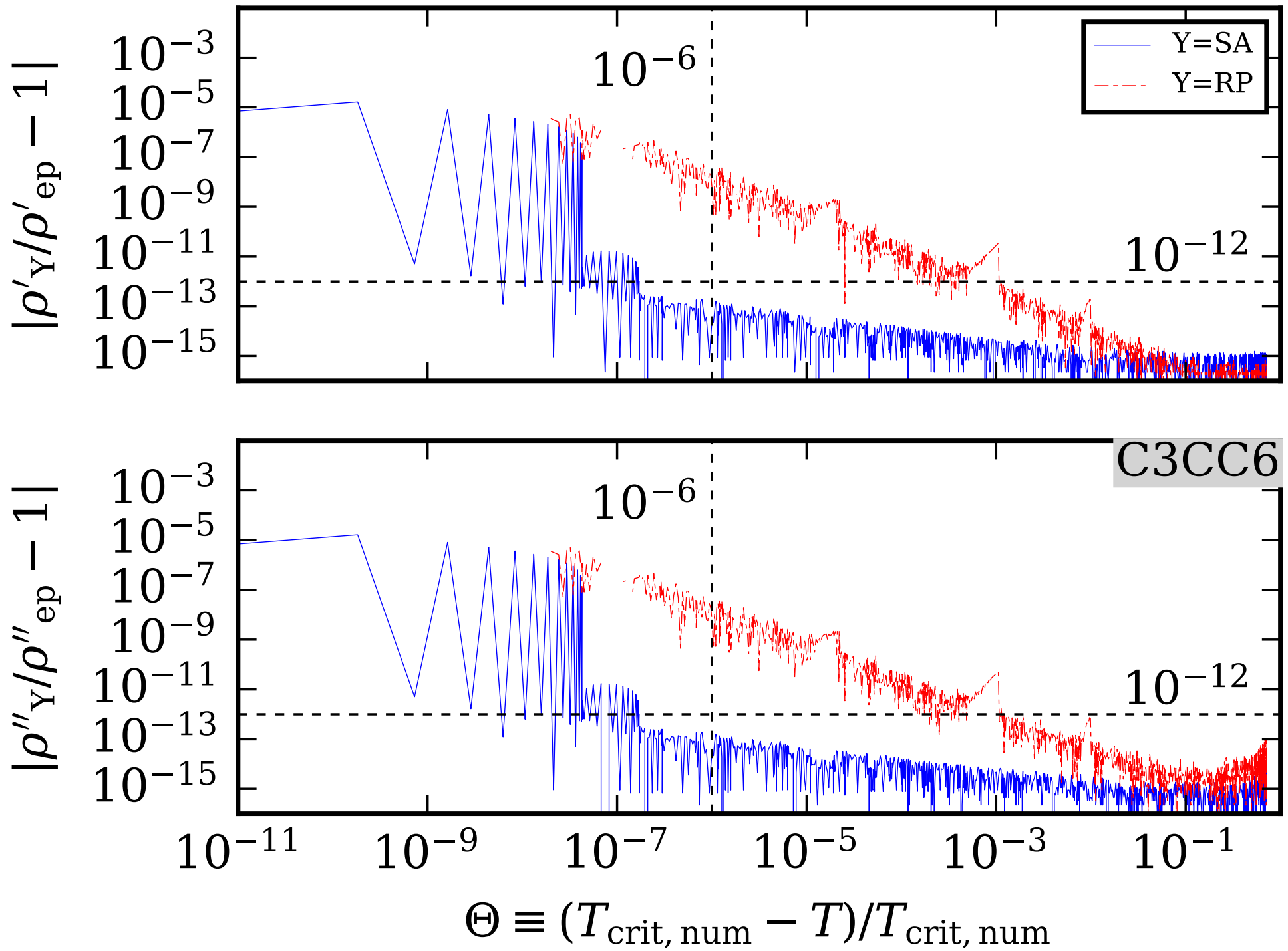

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
C11
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

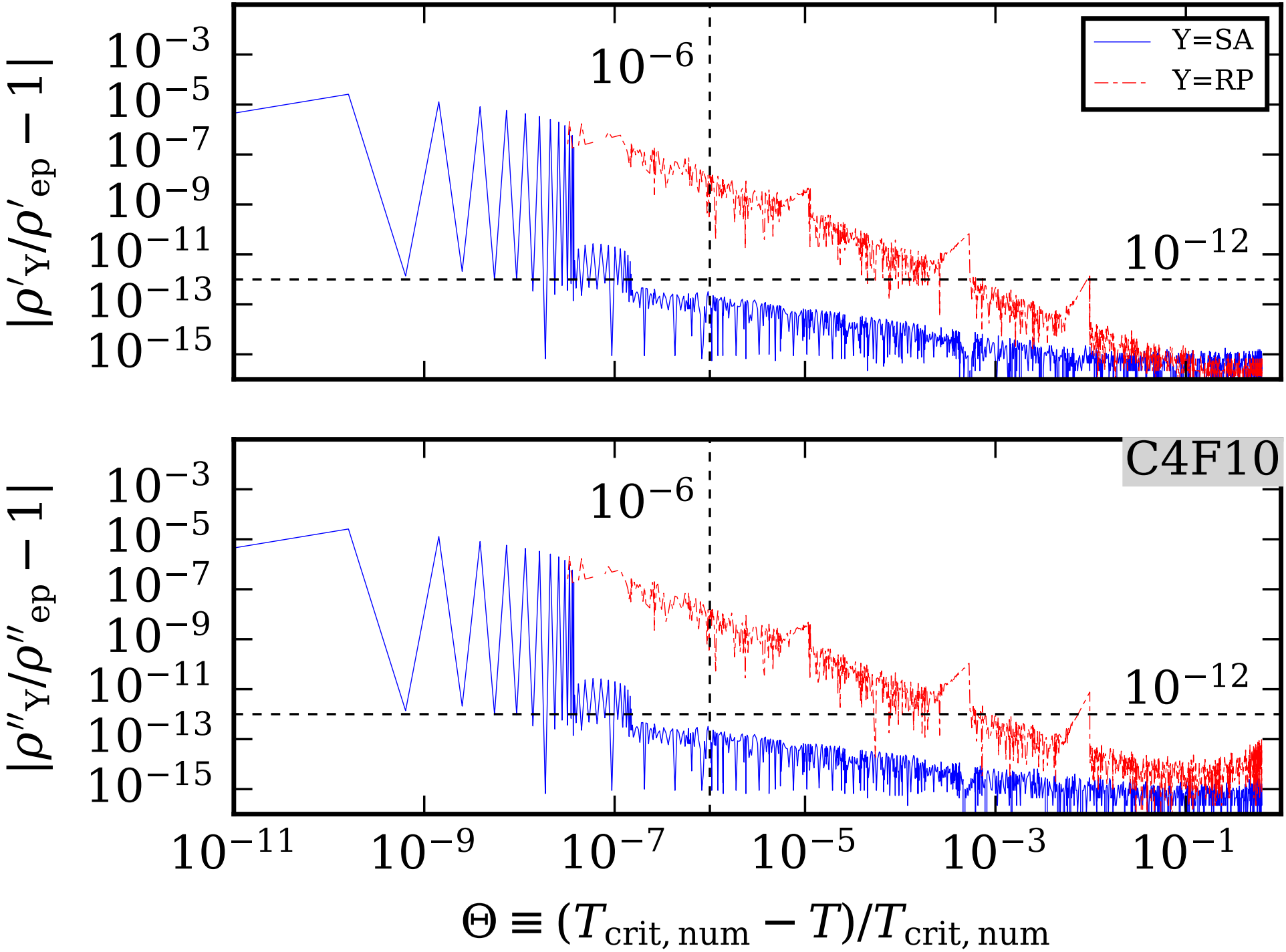

Y=SA
Y=RP
C16
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

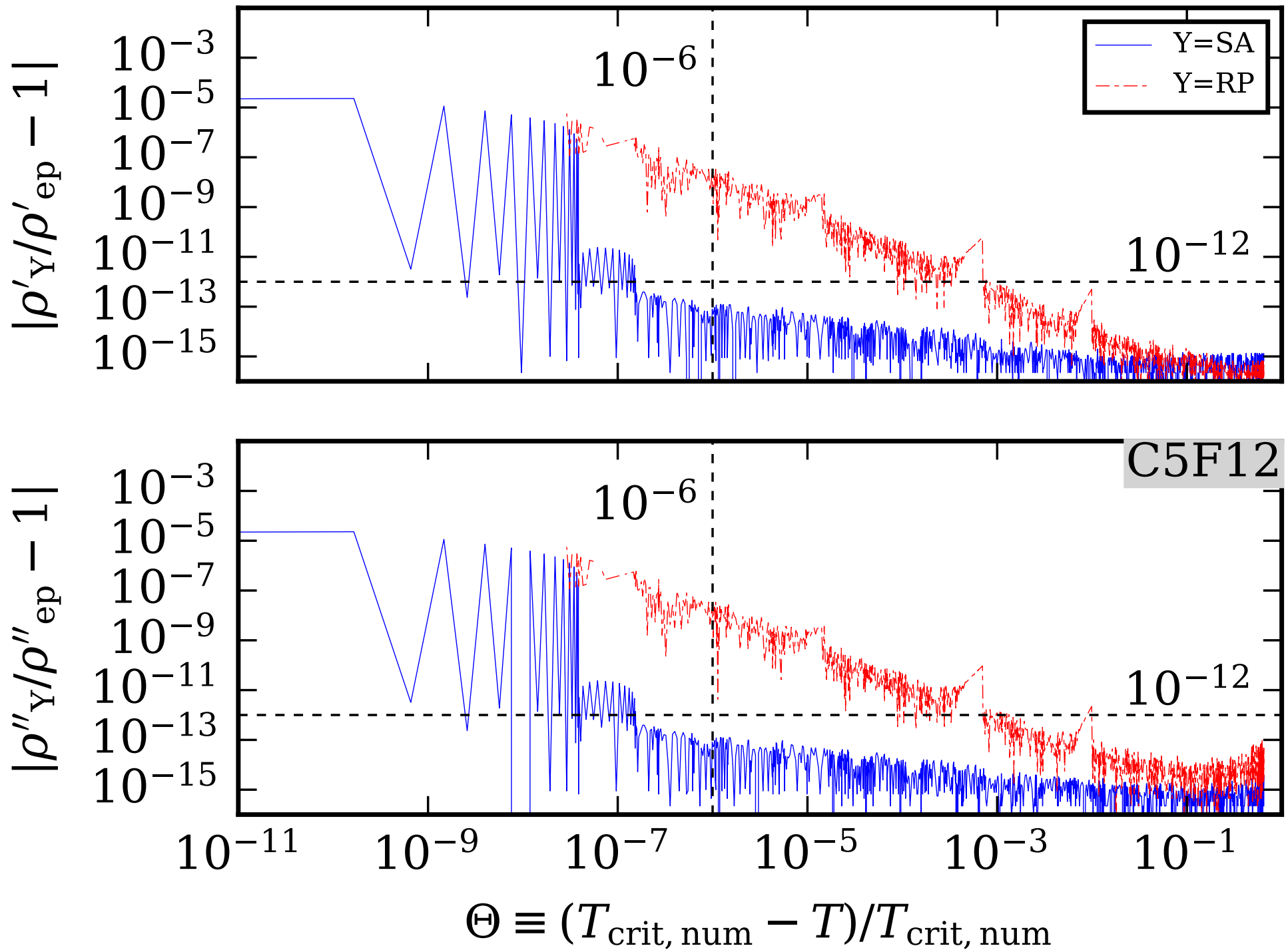

Y=SA
Y=RP
C1CC6
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

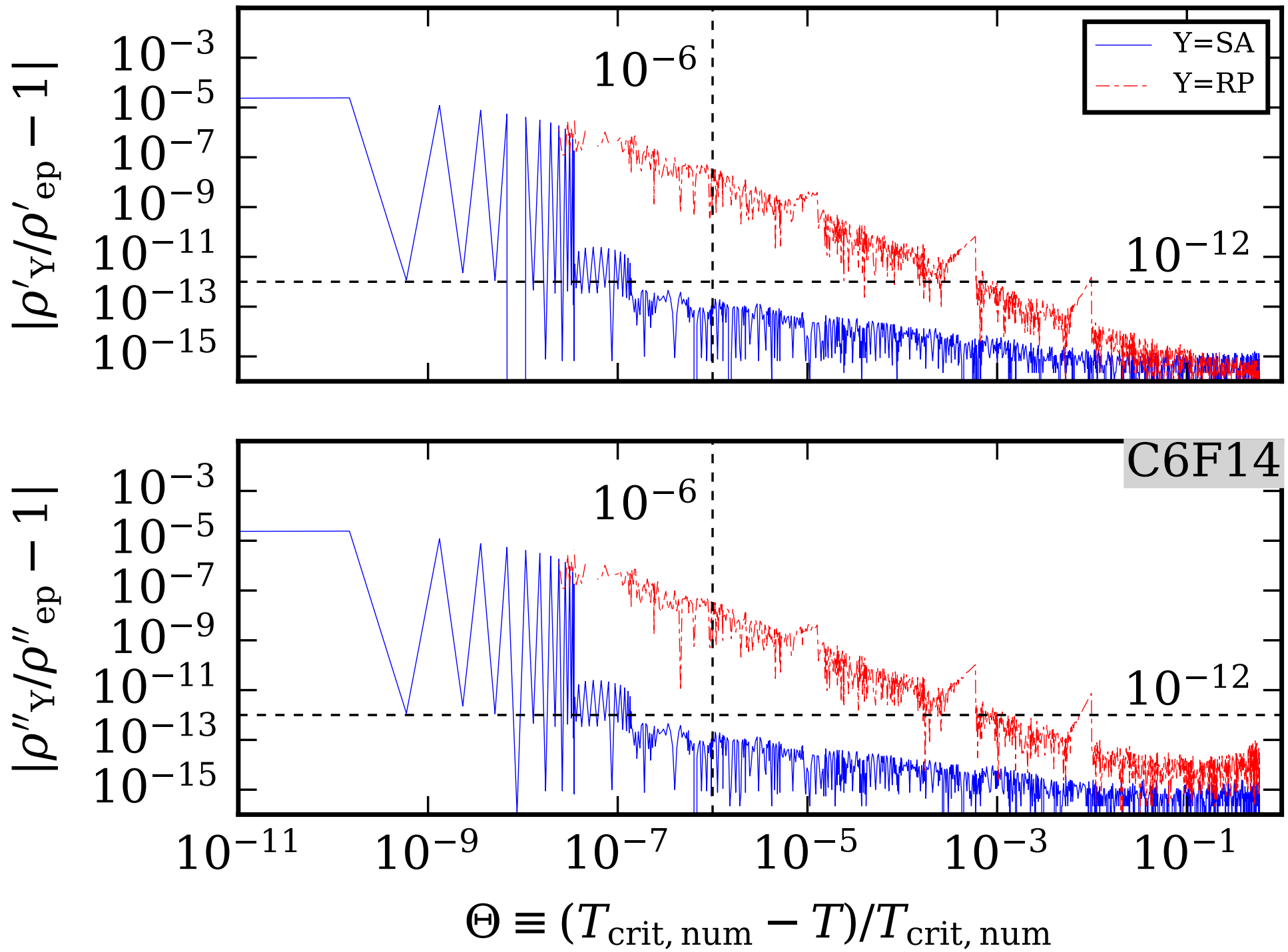

Y=SA
Y=RP
C22
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

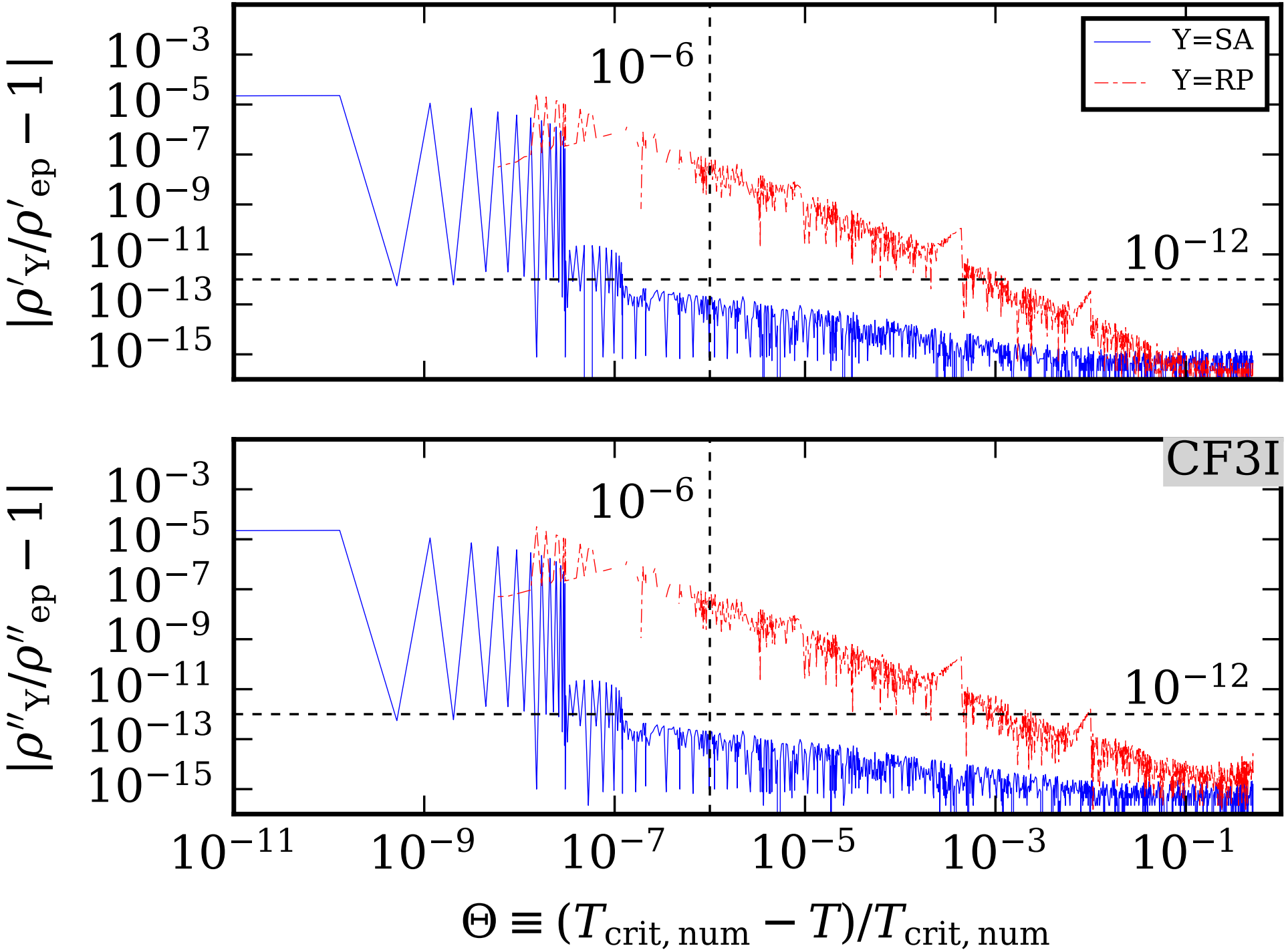

Y=SA
Y=RP
C2BUTENE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

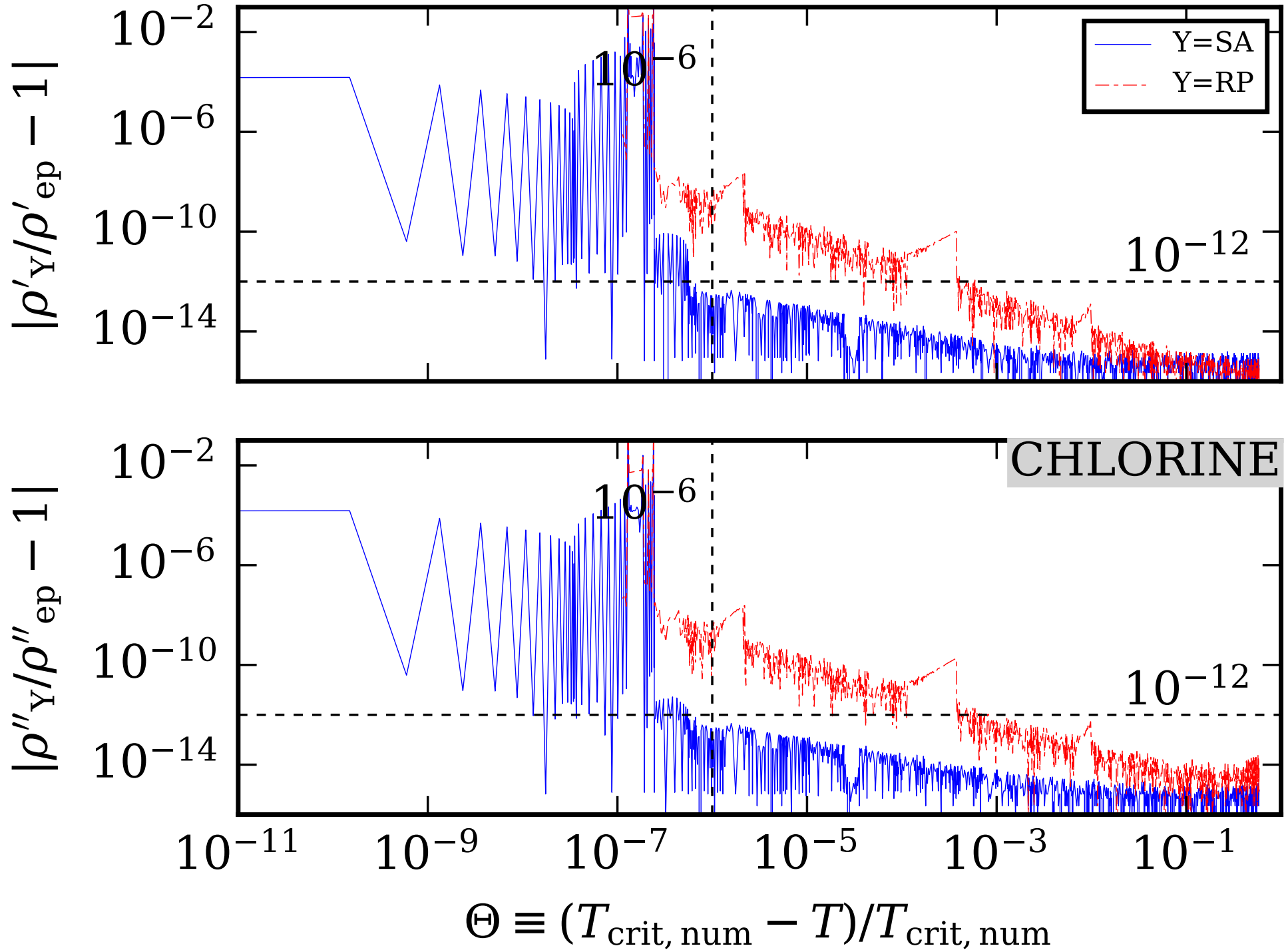

Y=SA
Y=RP
C3CC6
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

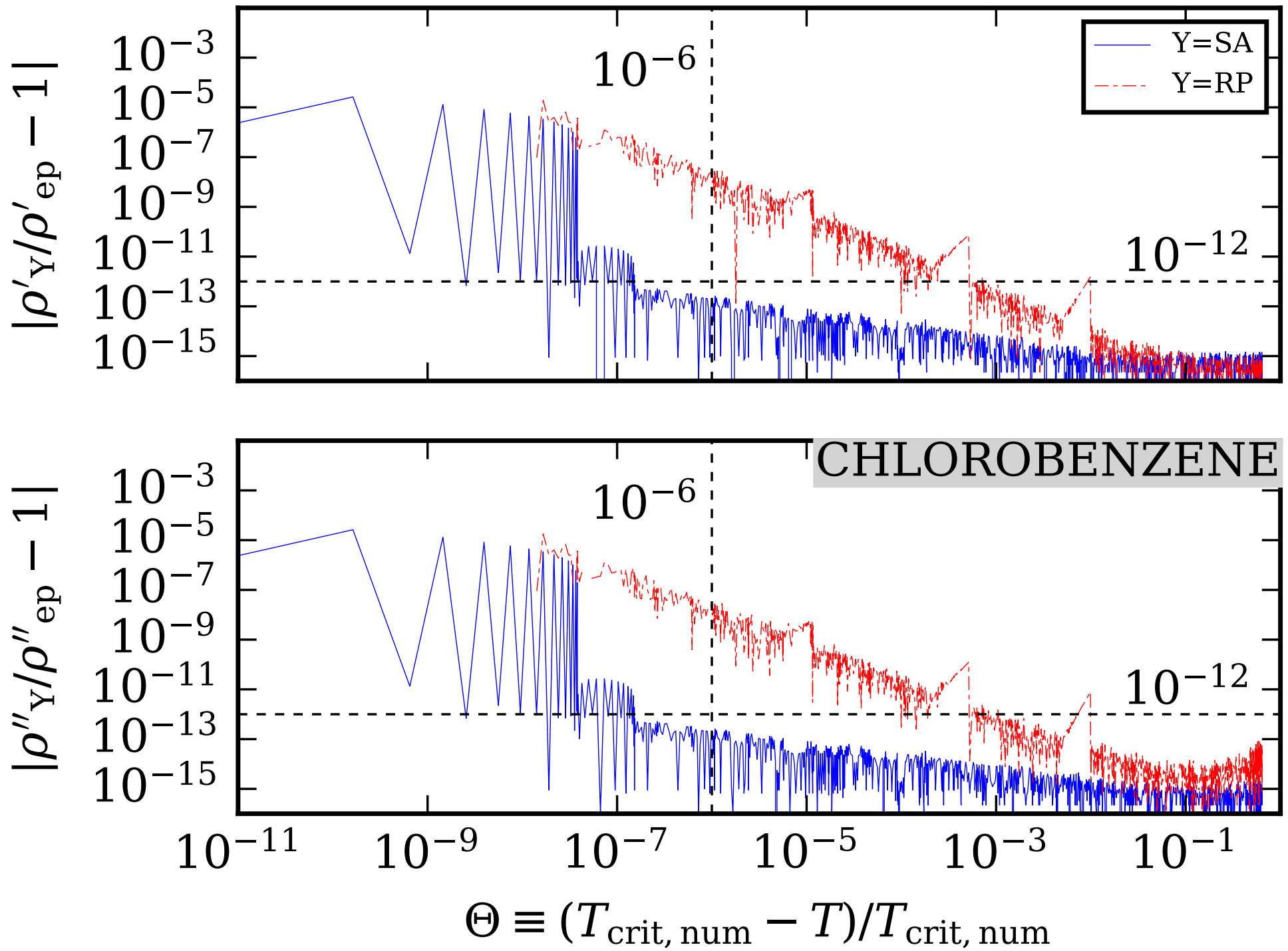

Y=SA
Y=RP
C4F10
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

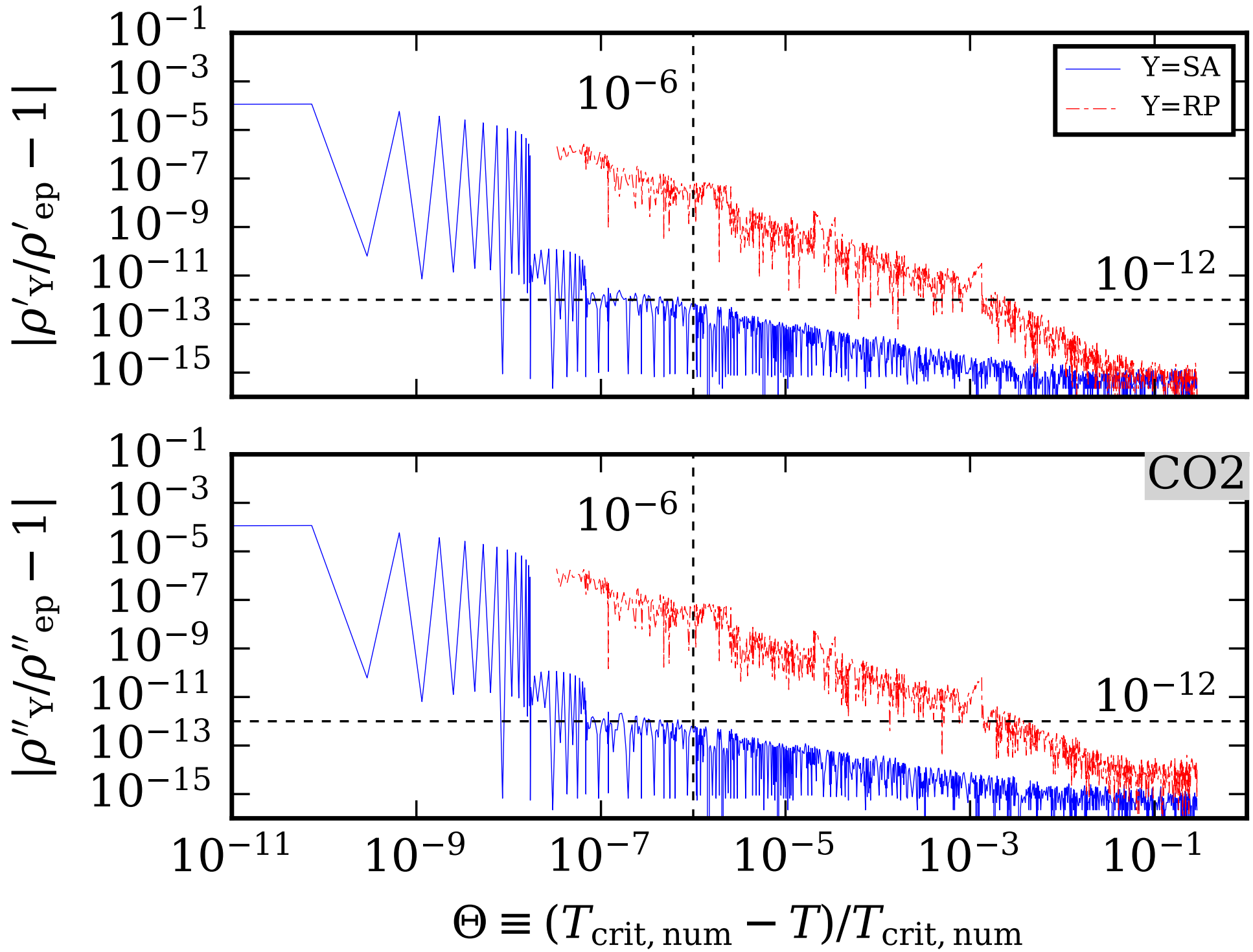

Y=SA
Y=RP
C5F12
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

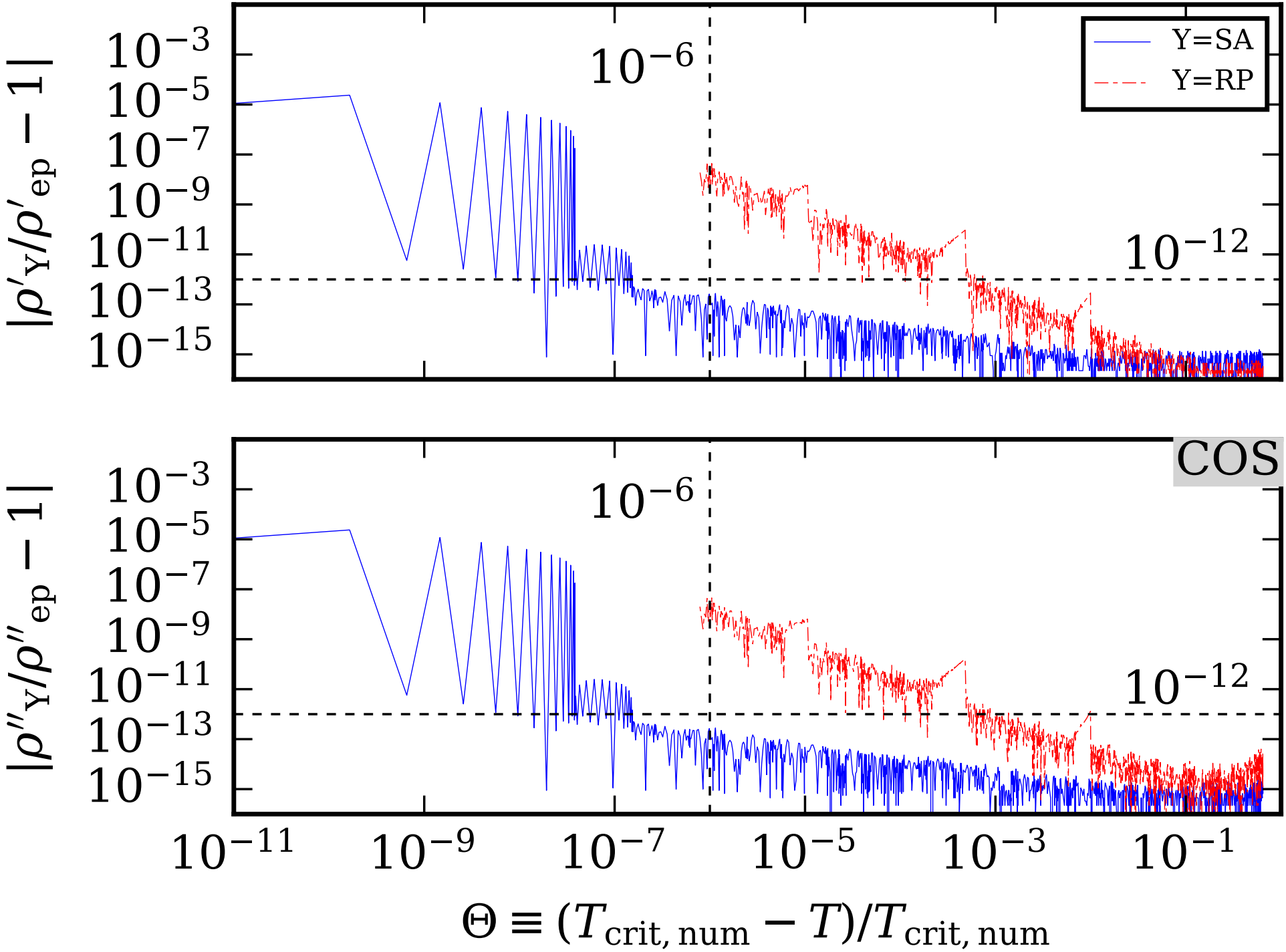

Y=SA
Y=RP
C6F14
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

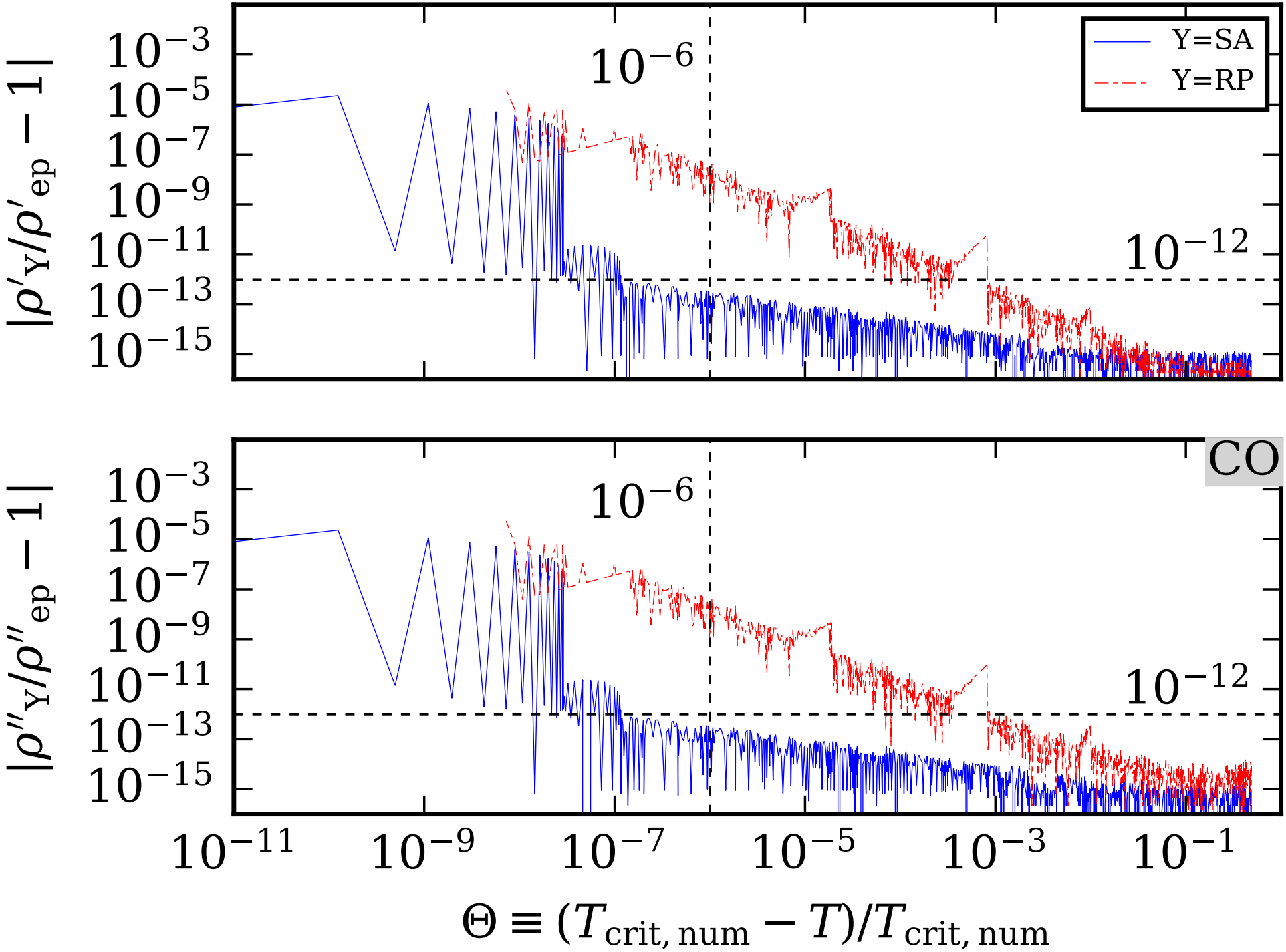

Y=SA
Y=RP
CF3I
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

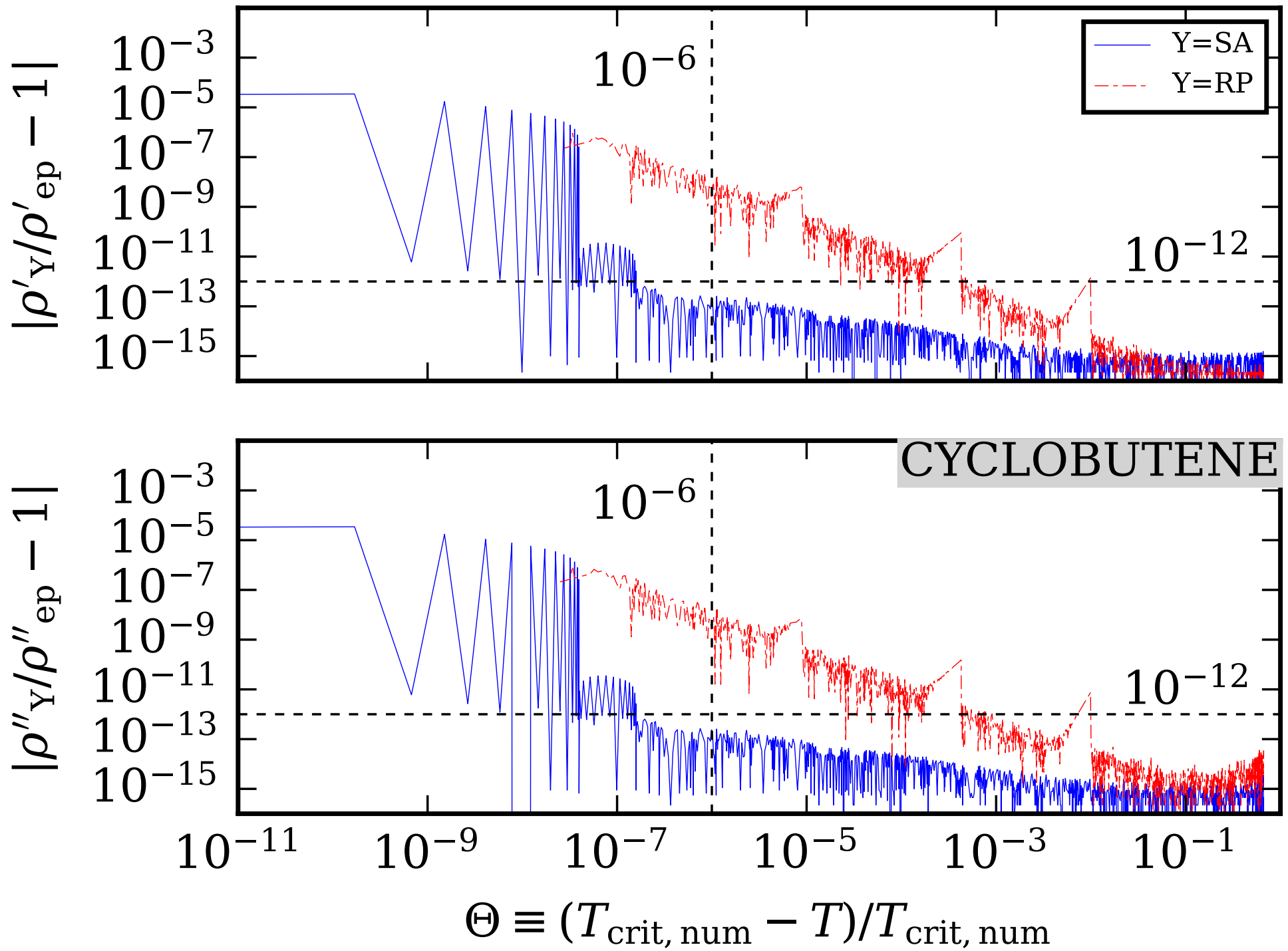

Y=SA
Y=RP
CHLORINE
10^{-2}
10^{-6}
10^{-10}
10^{-14}
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

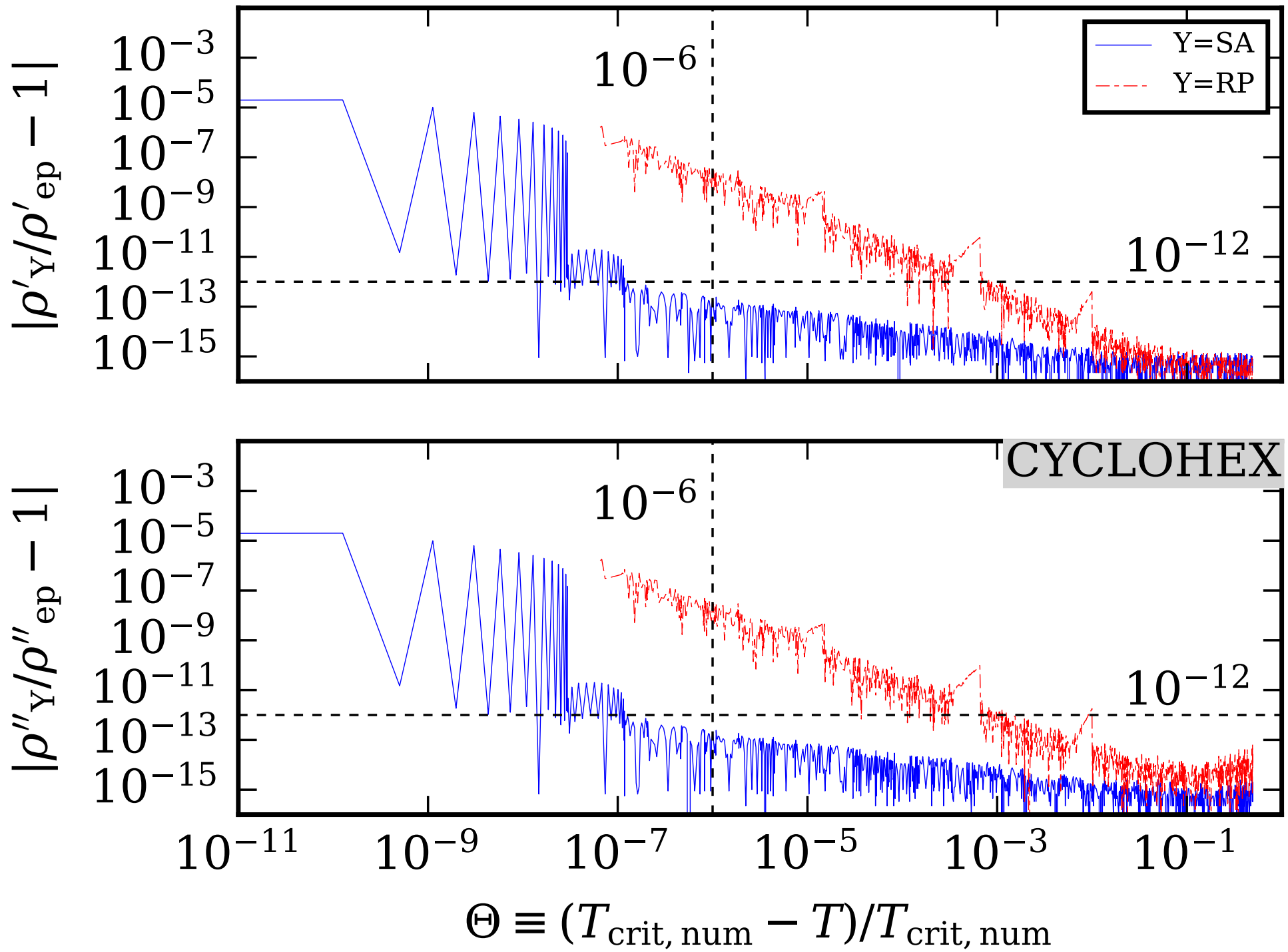

Y=SA
Y=RP
CHLOROBENZENE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

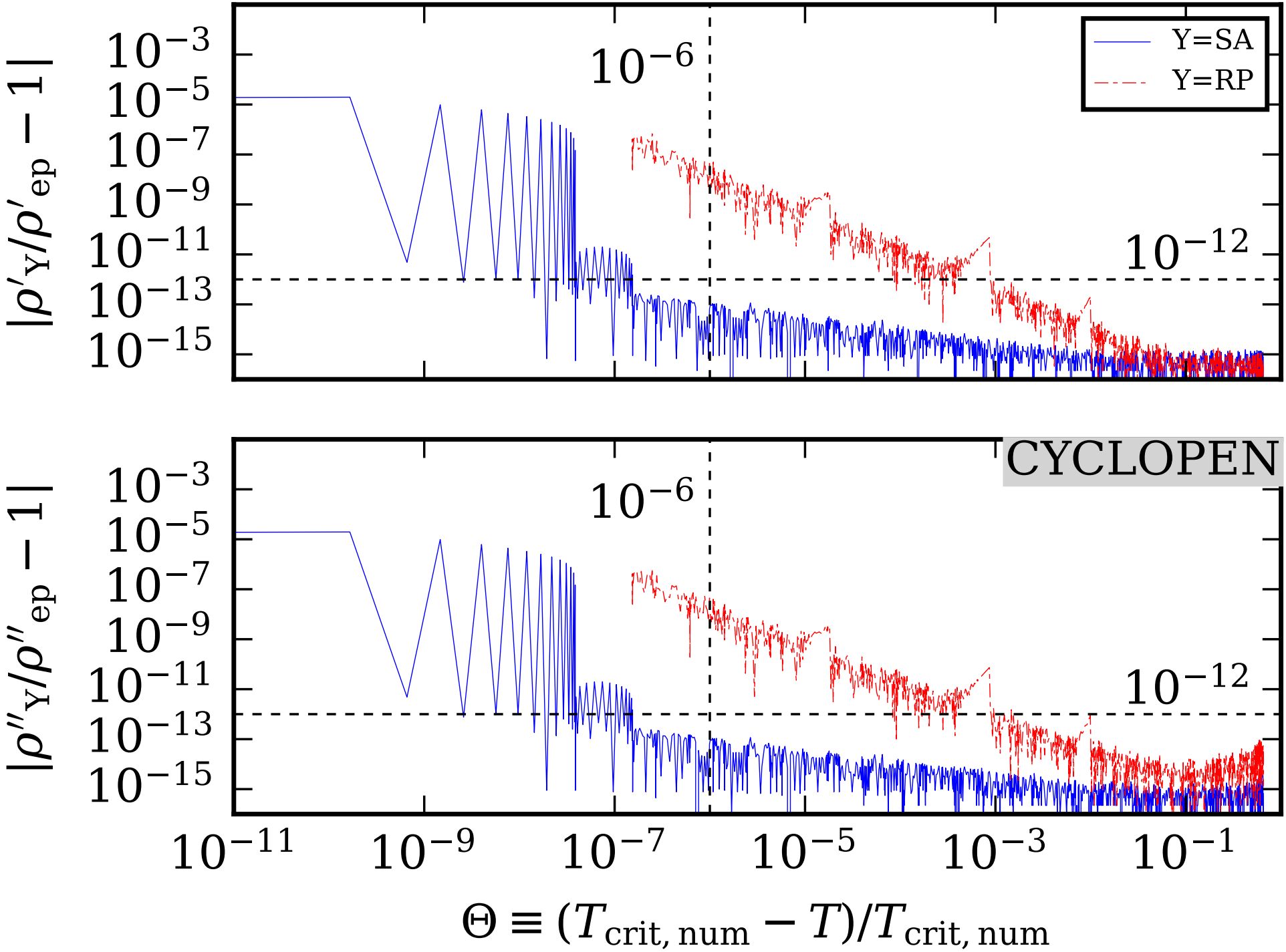

Y=SA
Y=RP
CO2
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

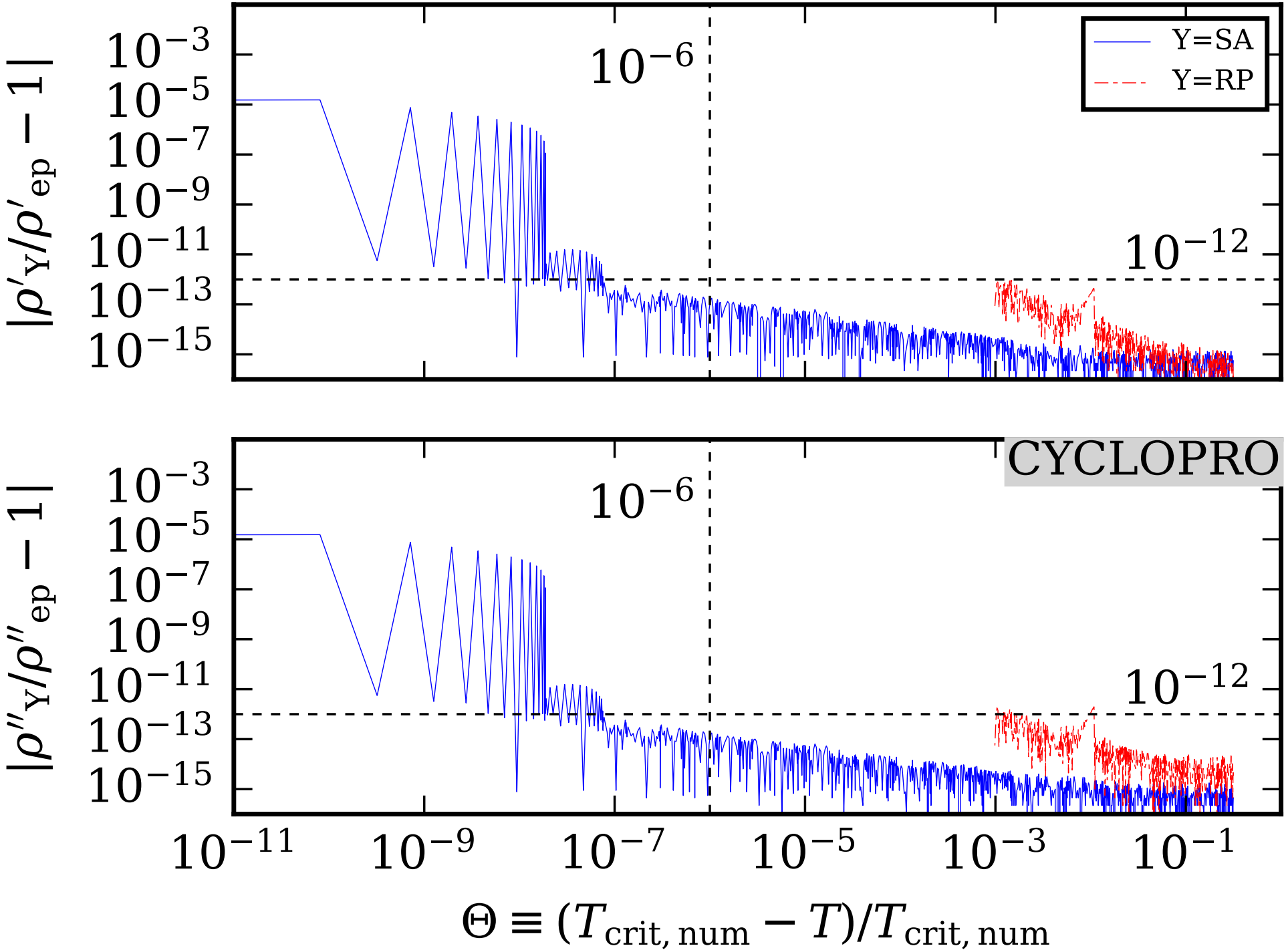

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
COS
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

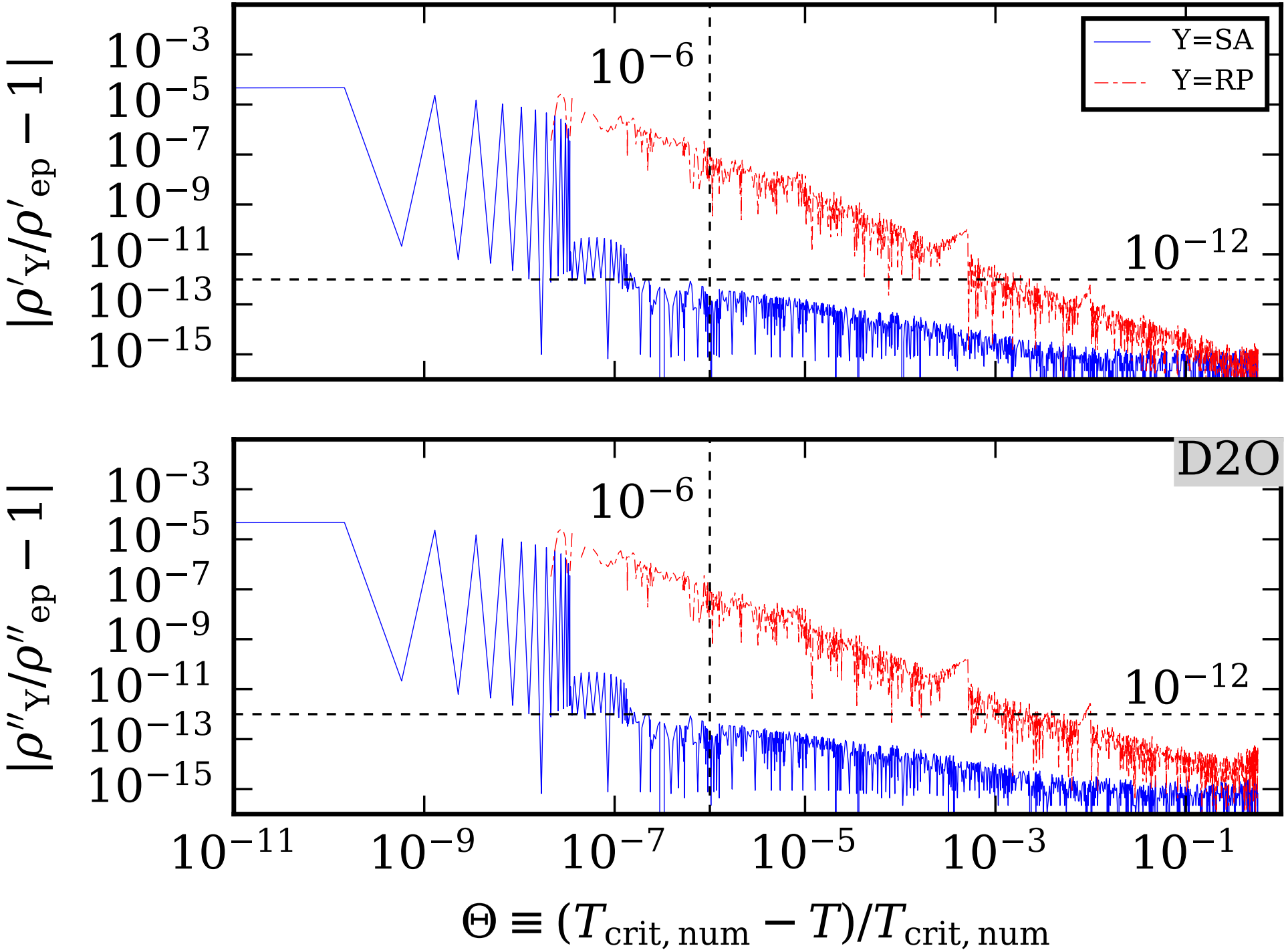

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
CO
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

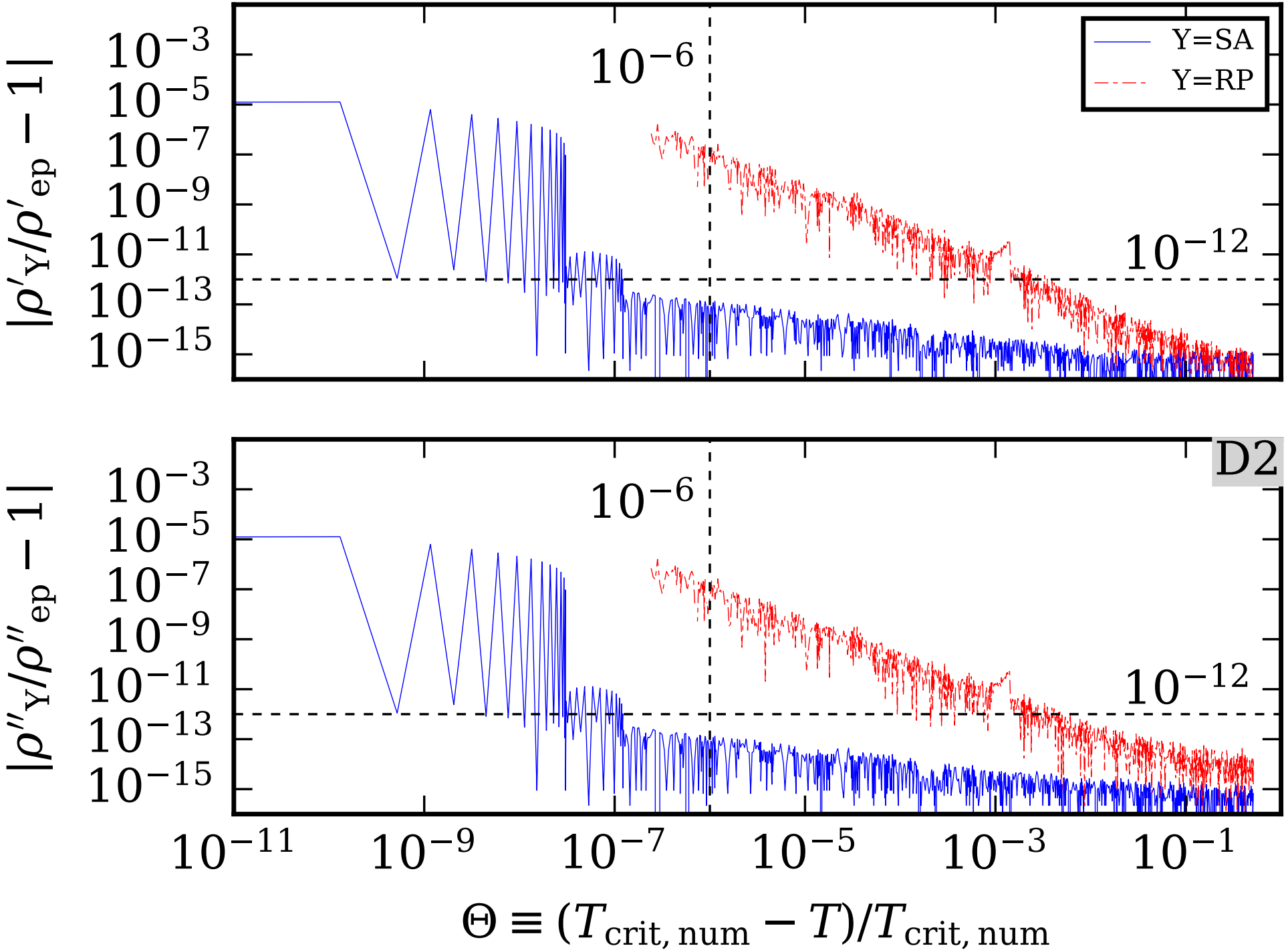

Y=SA
Y=RP
CYCLOBUTENE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

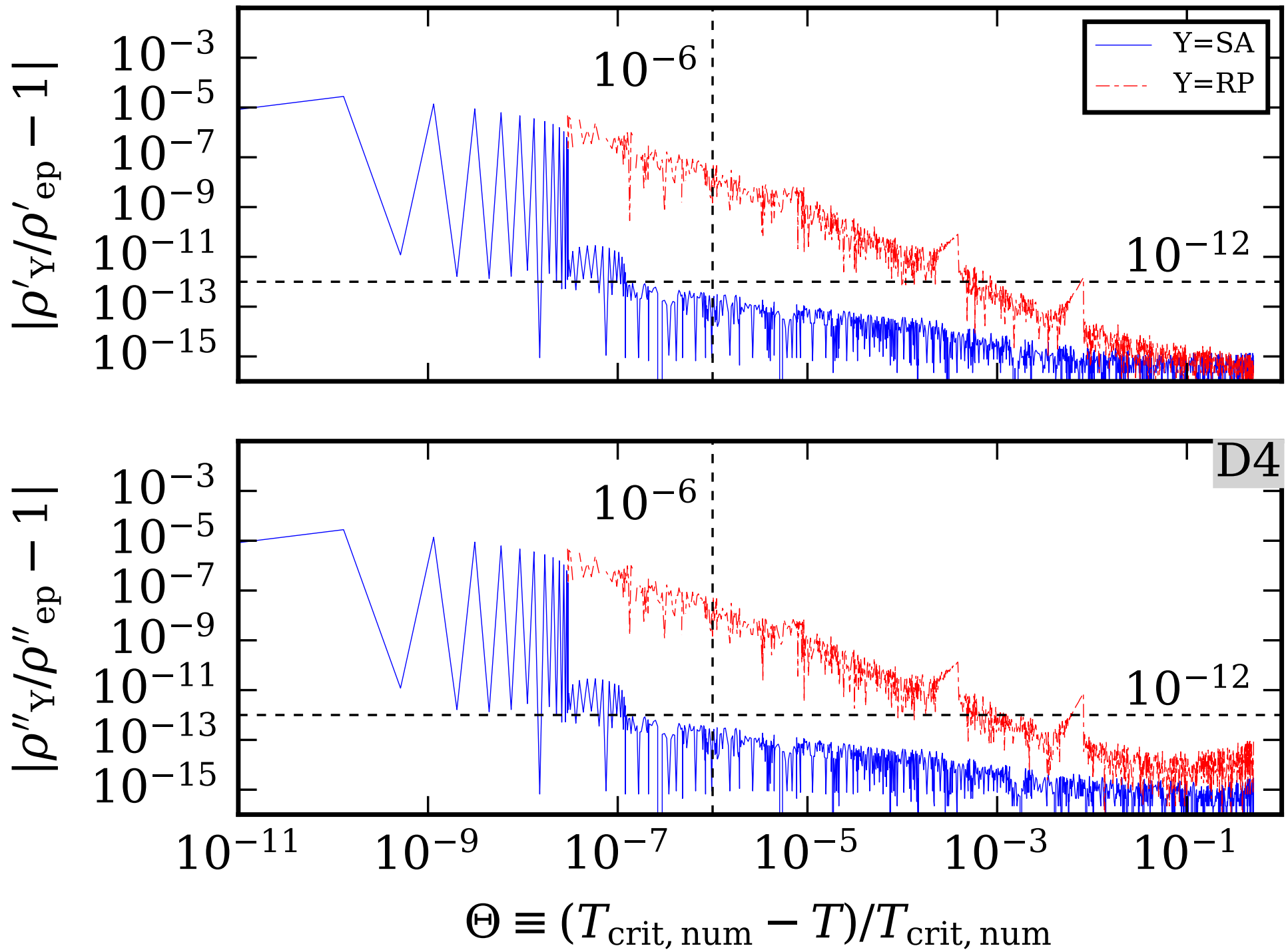

Y=SA
Y=RP
CYCLOHEX
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

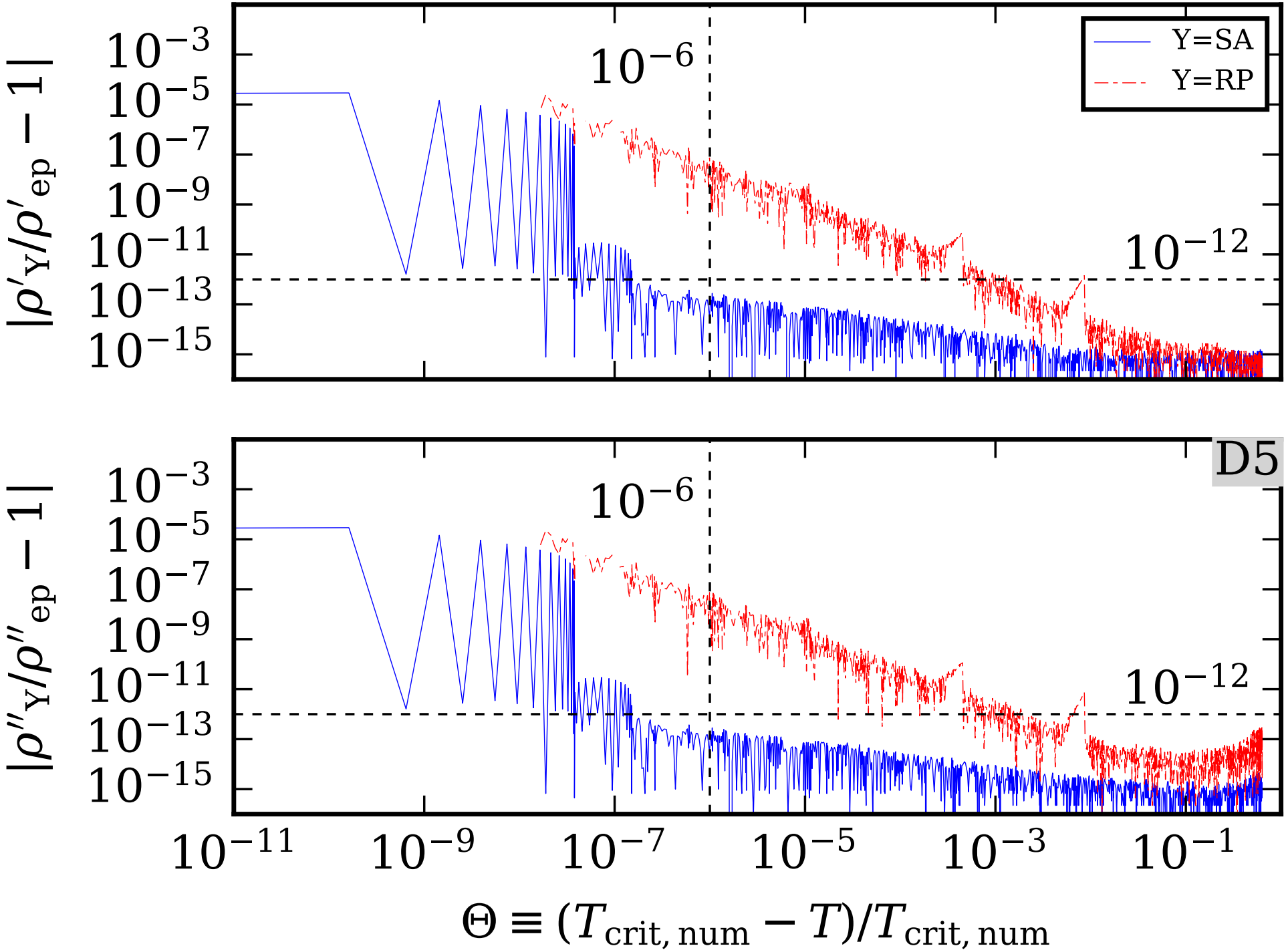

Y=SA
Y=RP
CYCLOPEN
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

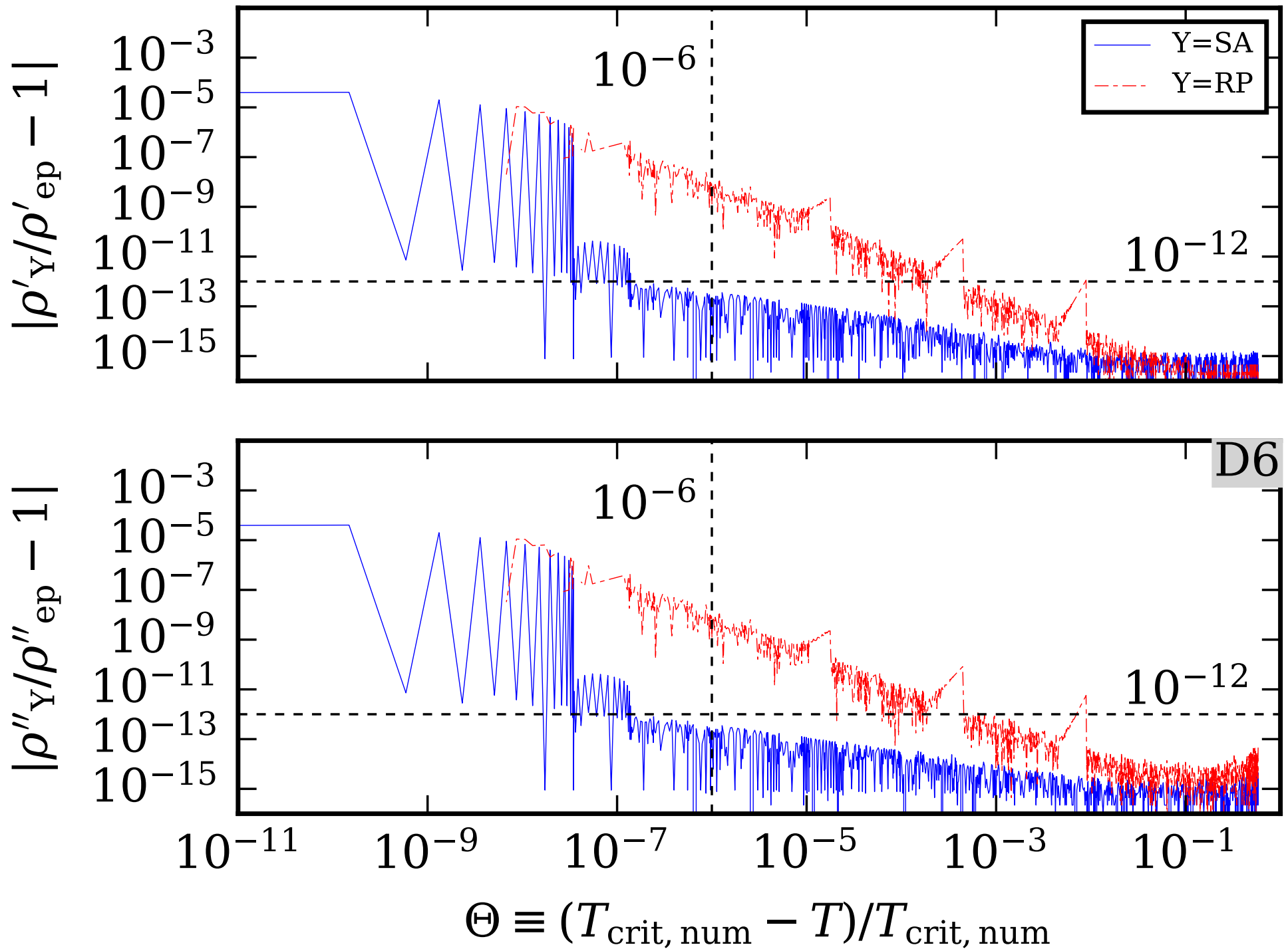

Y=SA
Y=RP
CYCLOPRO
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

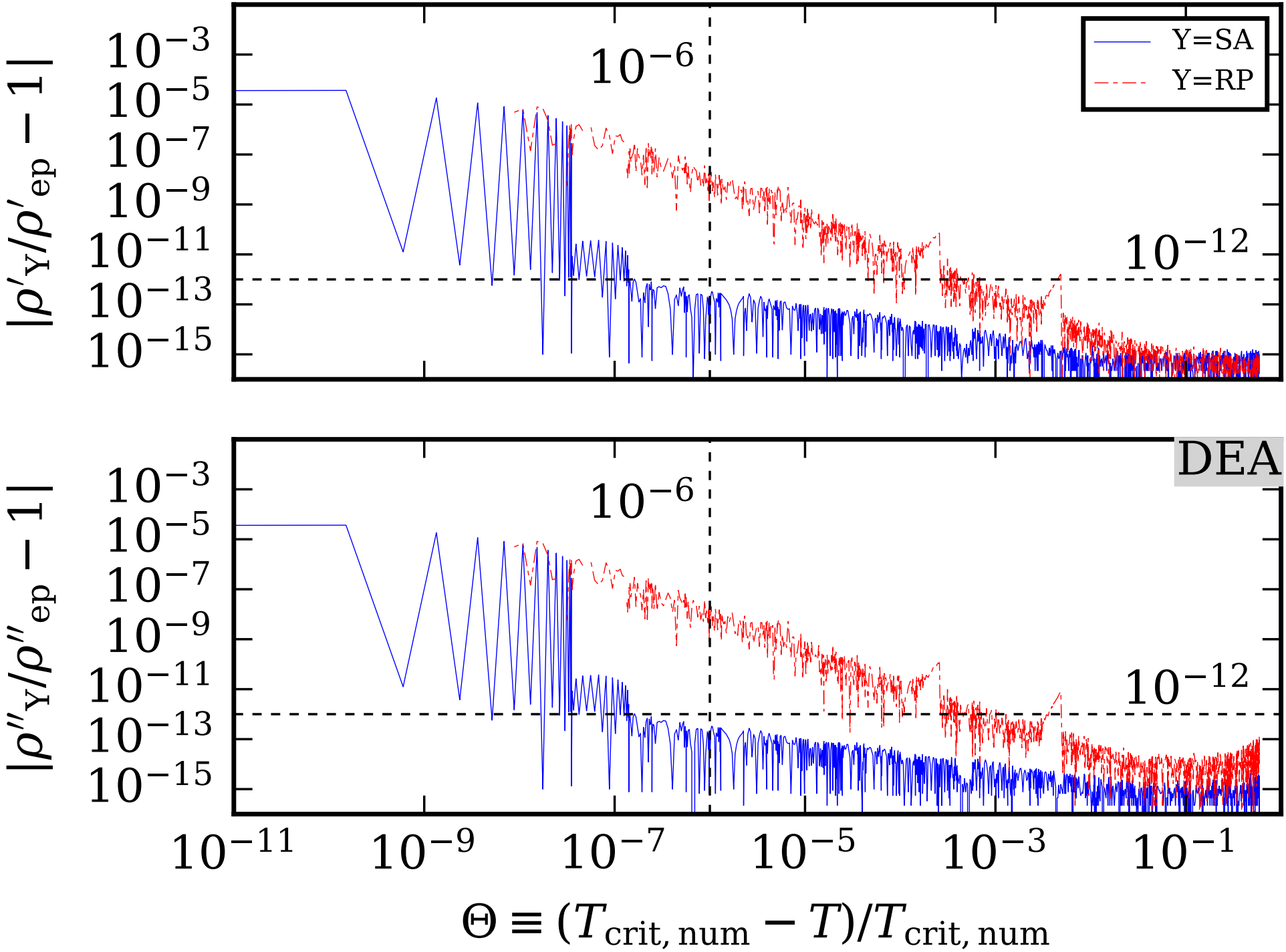

Y=SA
Y=RP
D2O
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

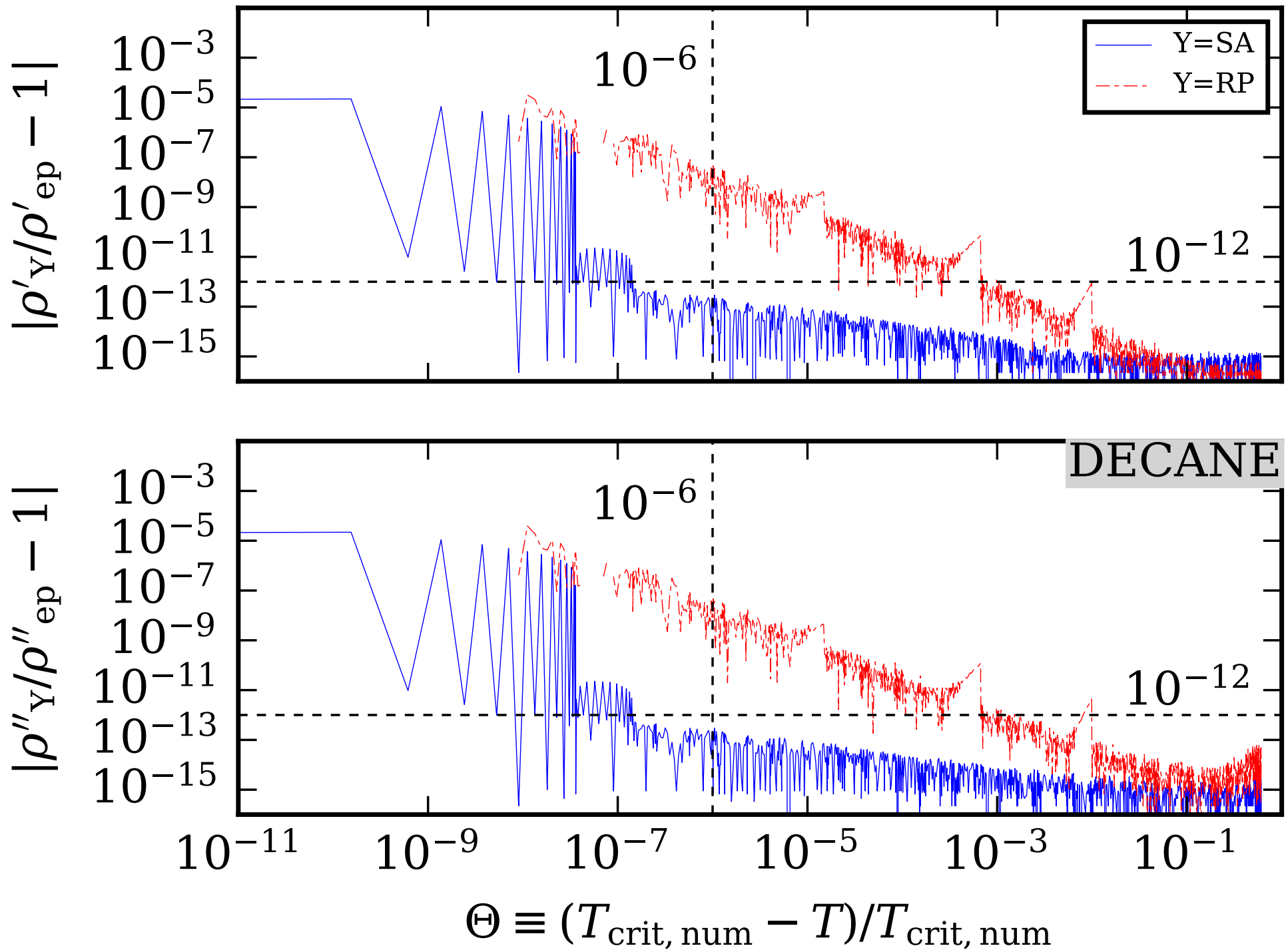

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
D2
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

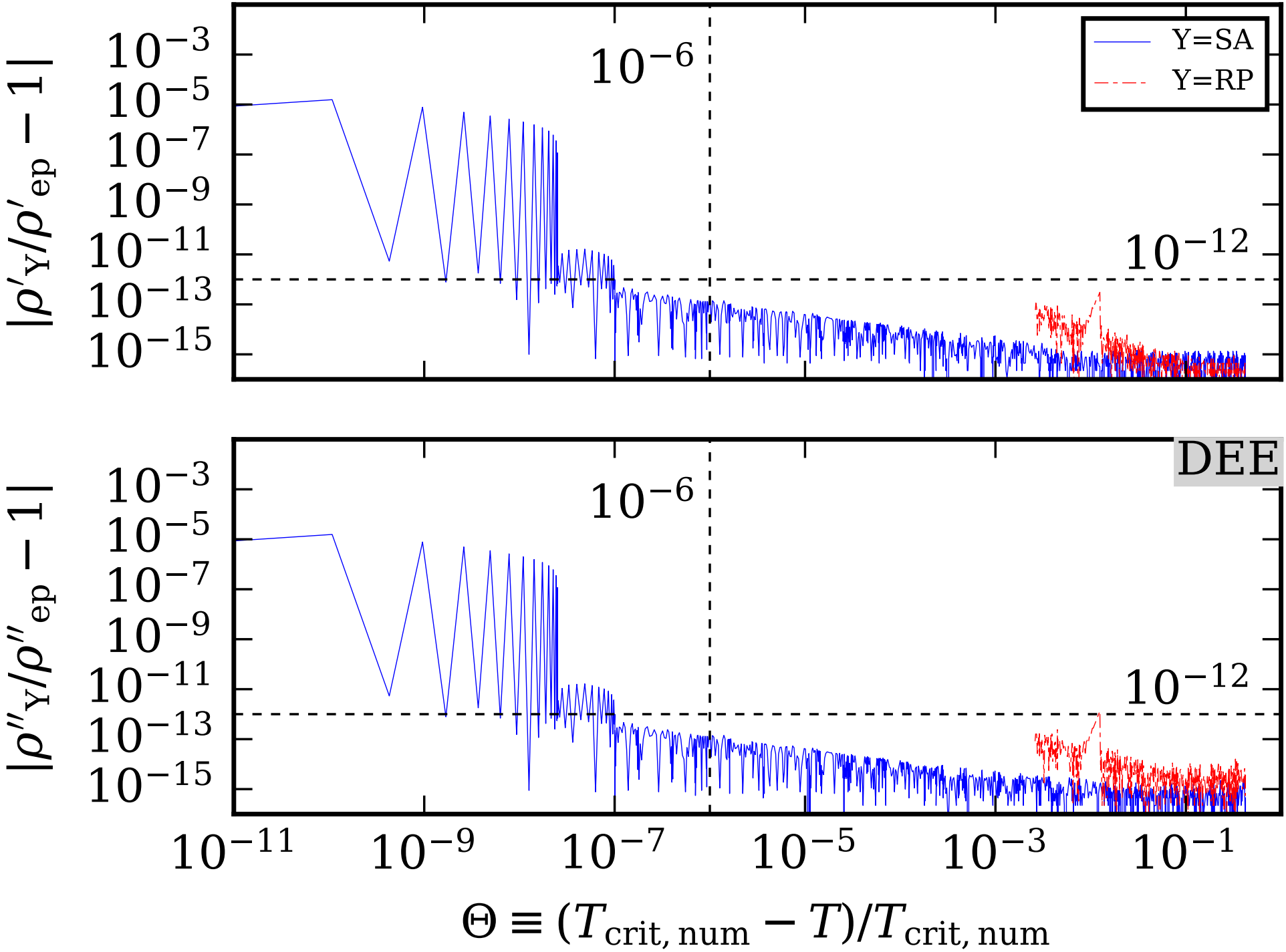

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
D4
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

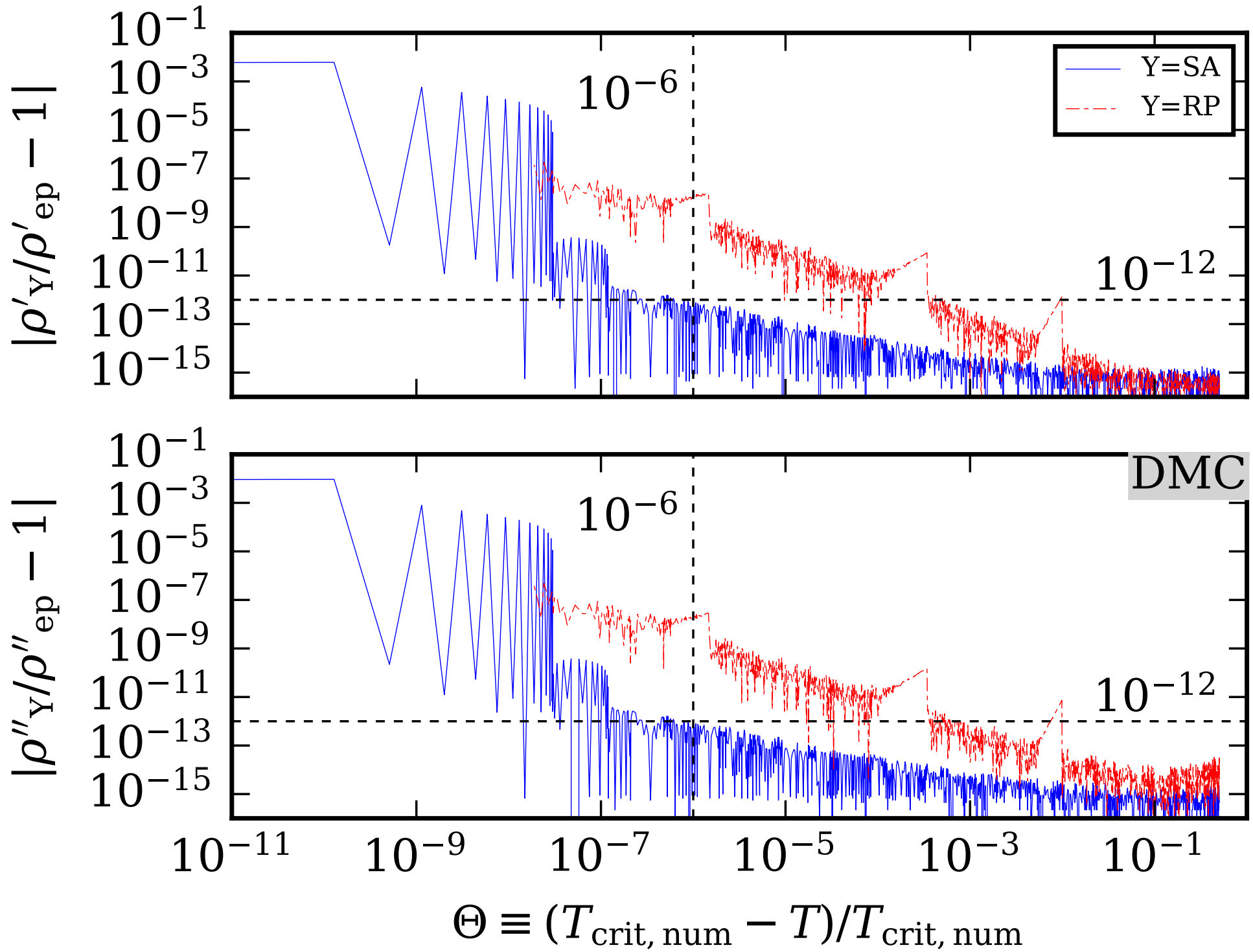

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
D5
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

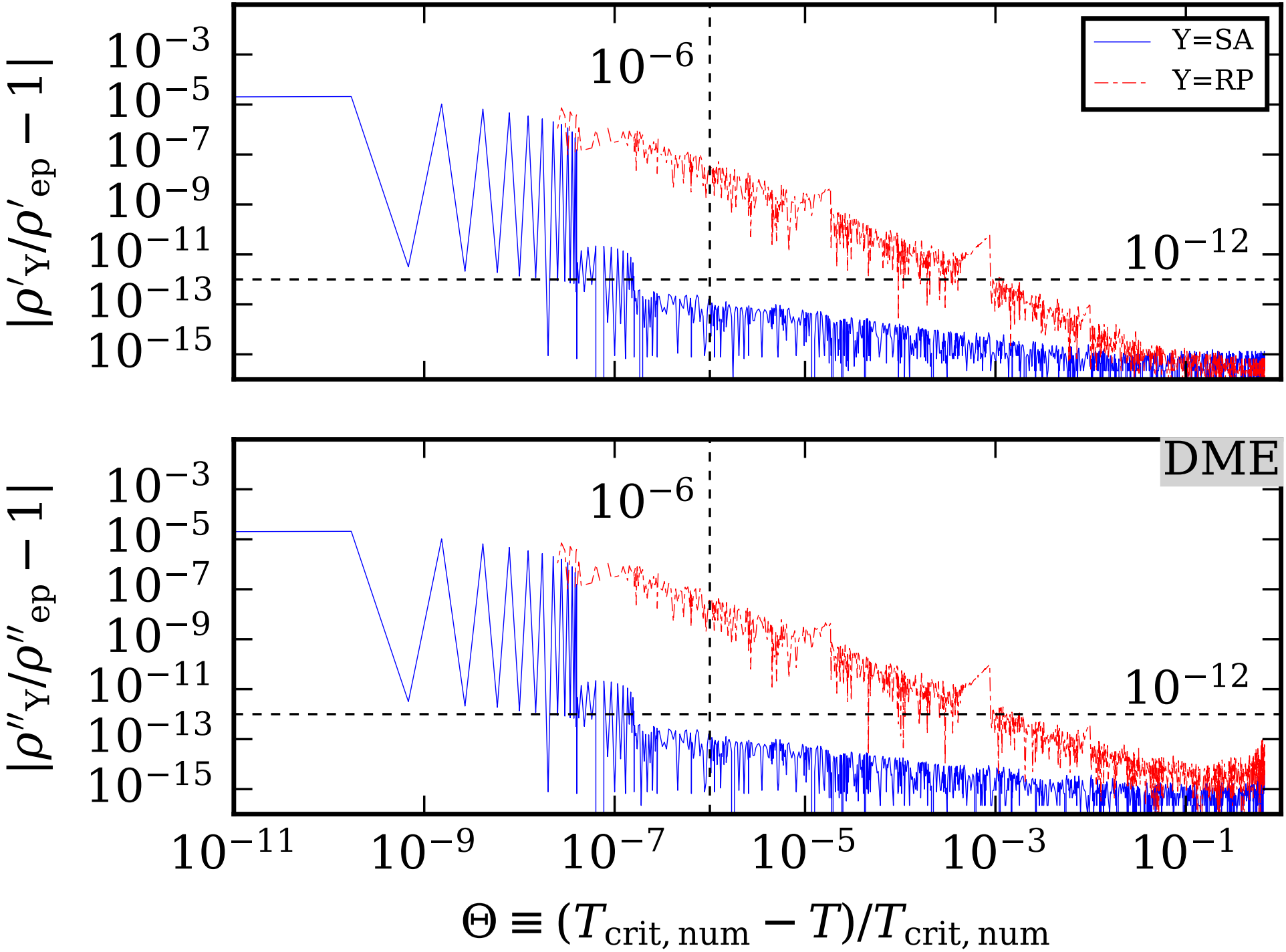

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
D6
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

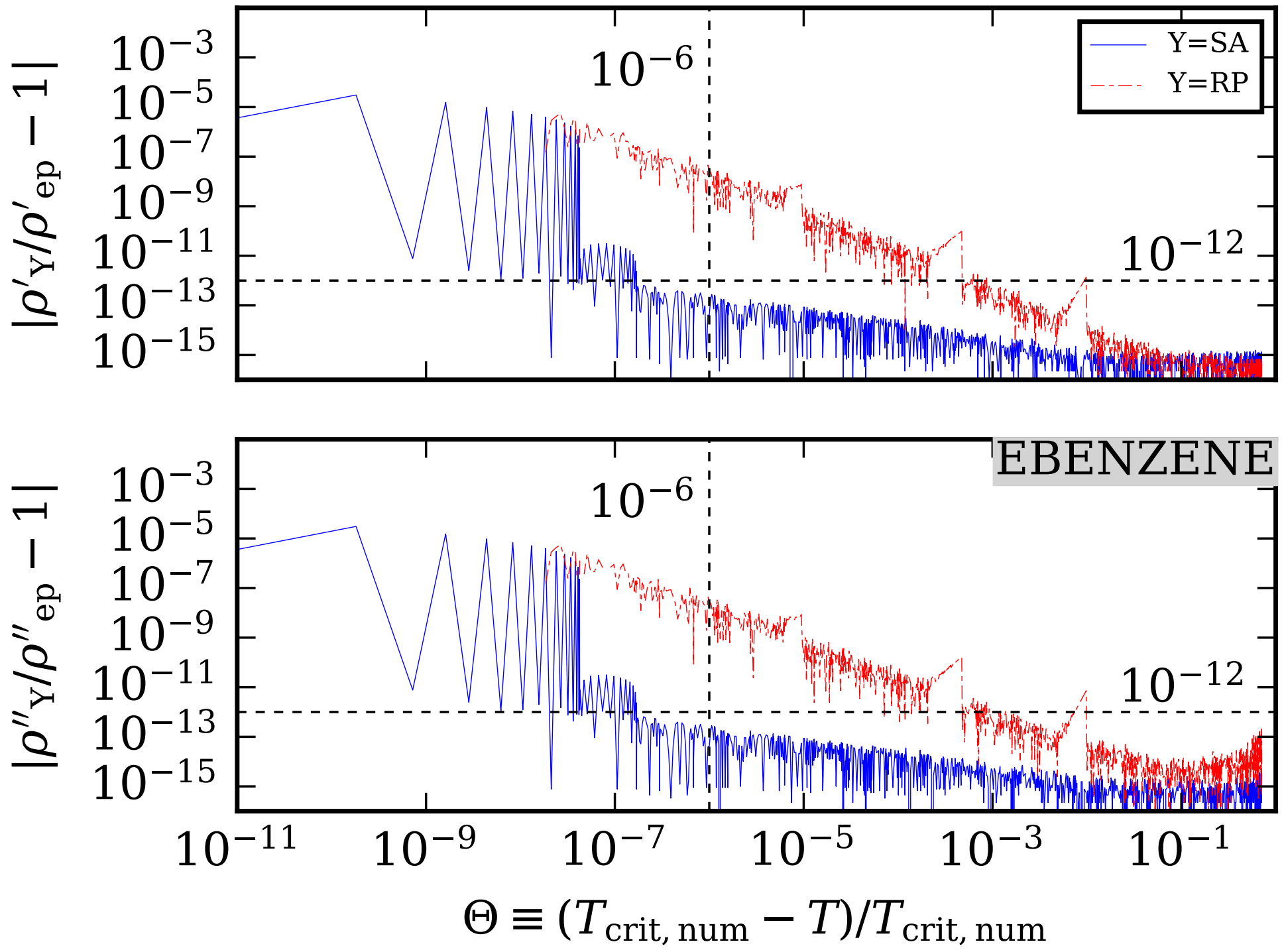

Y=SA
Y=RP
DEA
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

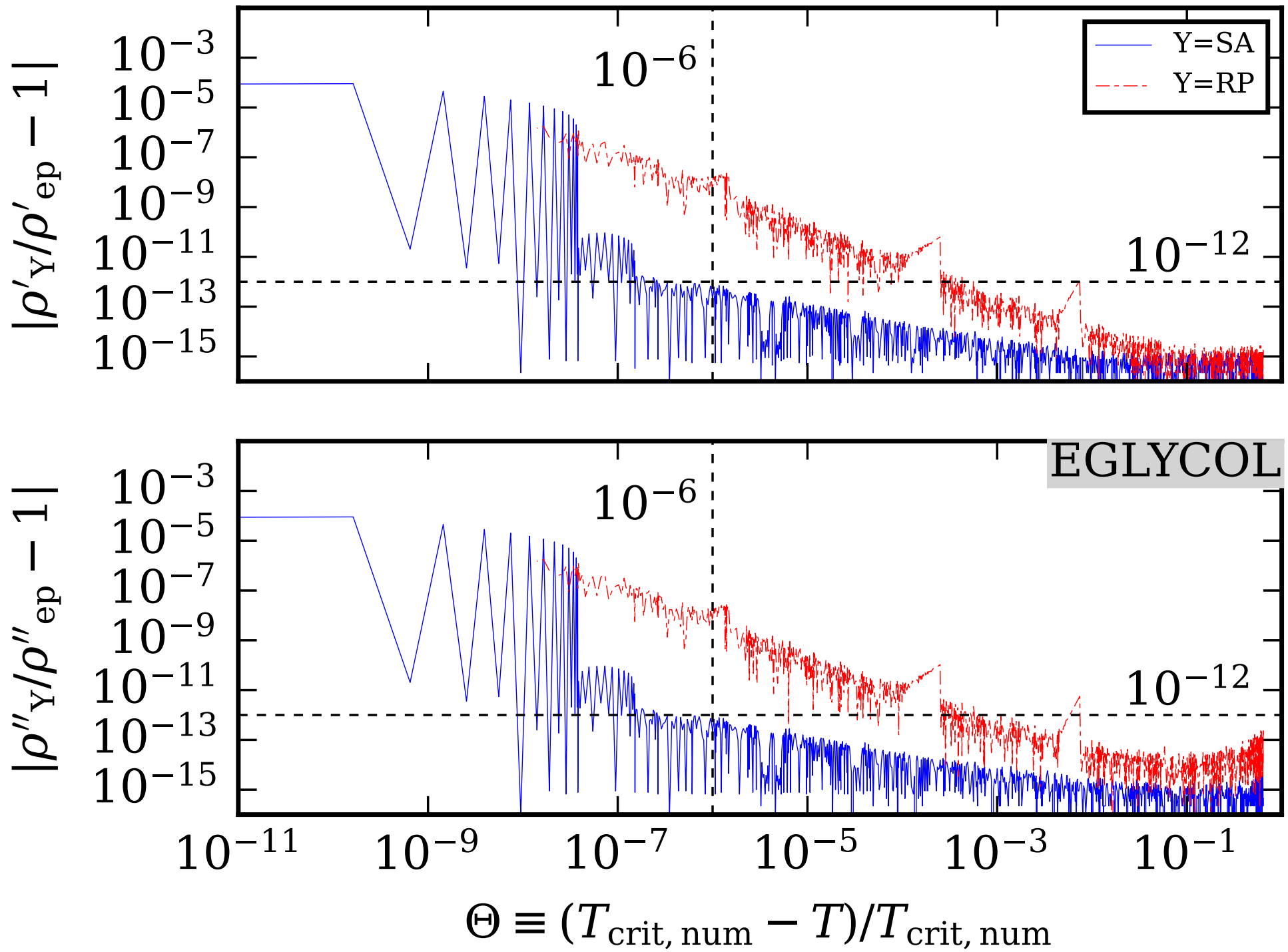

Y=SA
Y=RP
DECANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

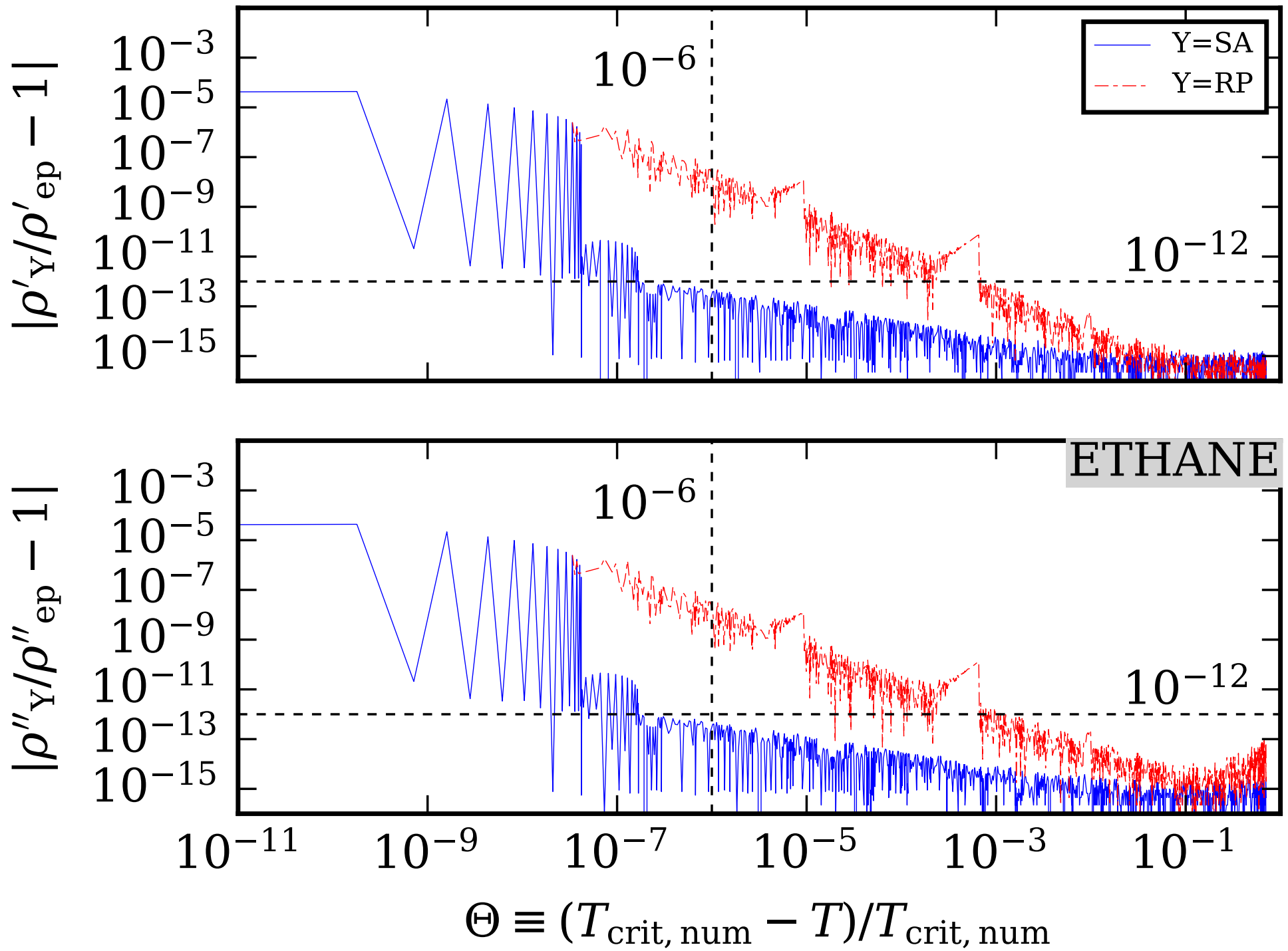

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
DEE
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

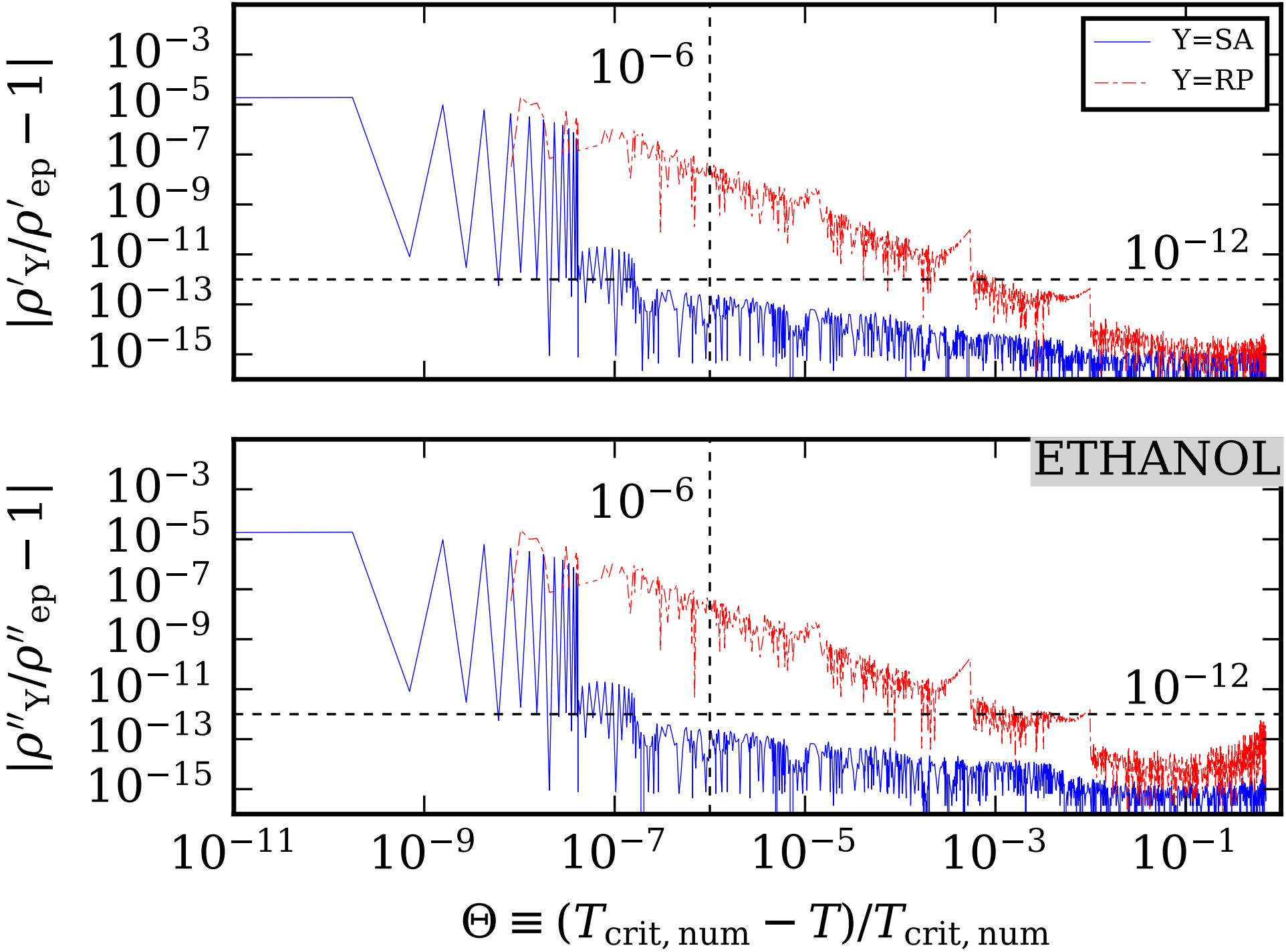

Y=SA
Y=RP
DMC
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

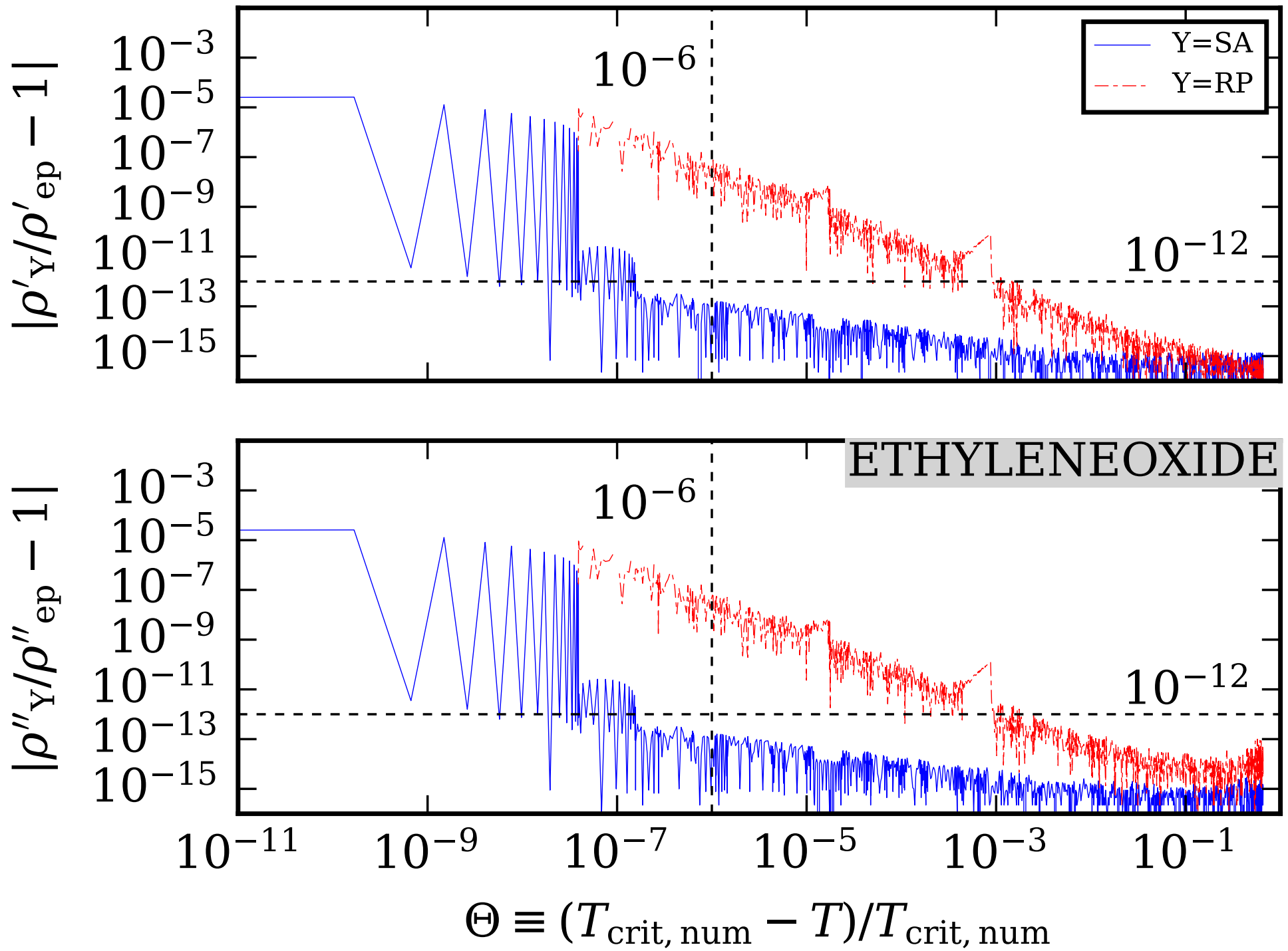

Y=SA
Y=RP
DME
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

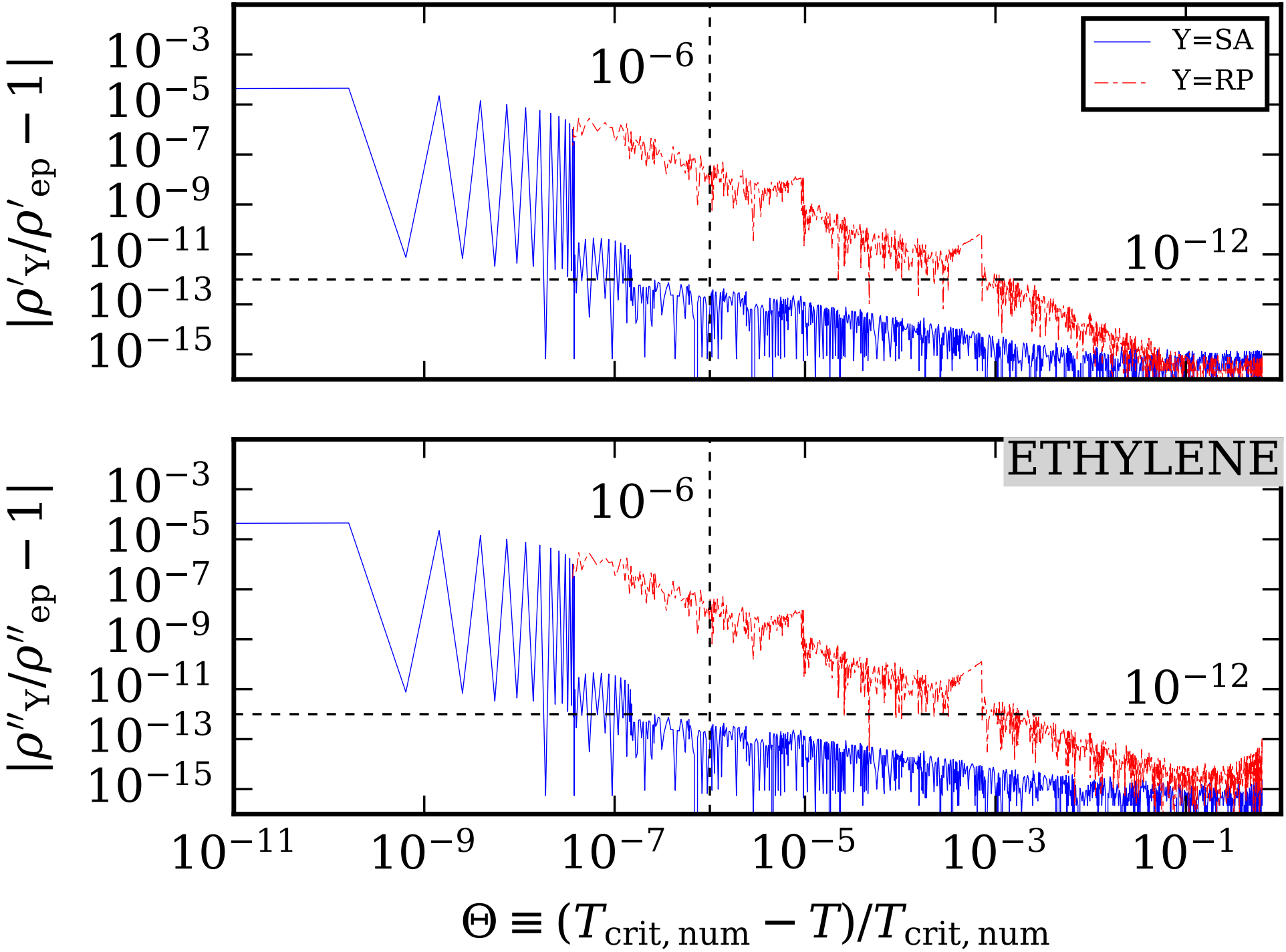

Y=SA
Y=RP
EBENZENE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

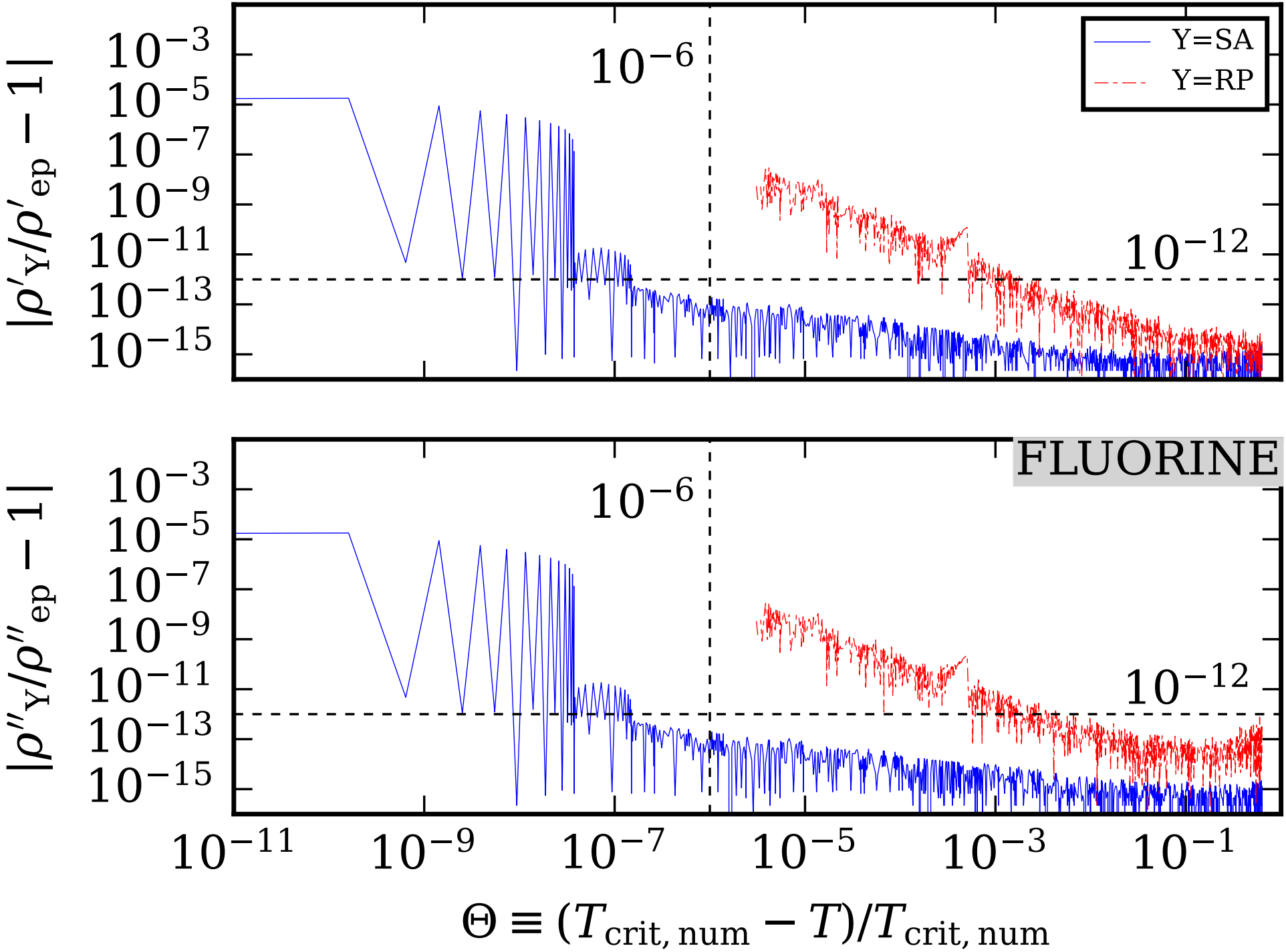

Y=SA
Y=RP
EGLYCOL
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

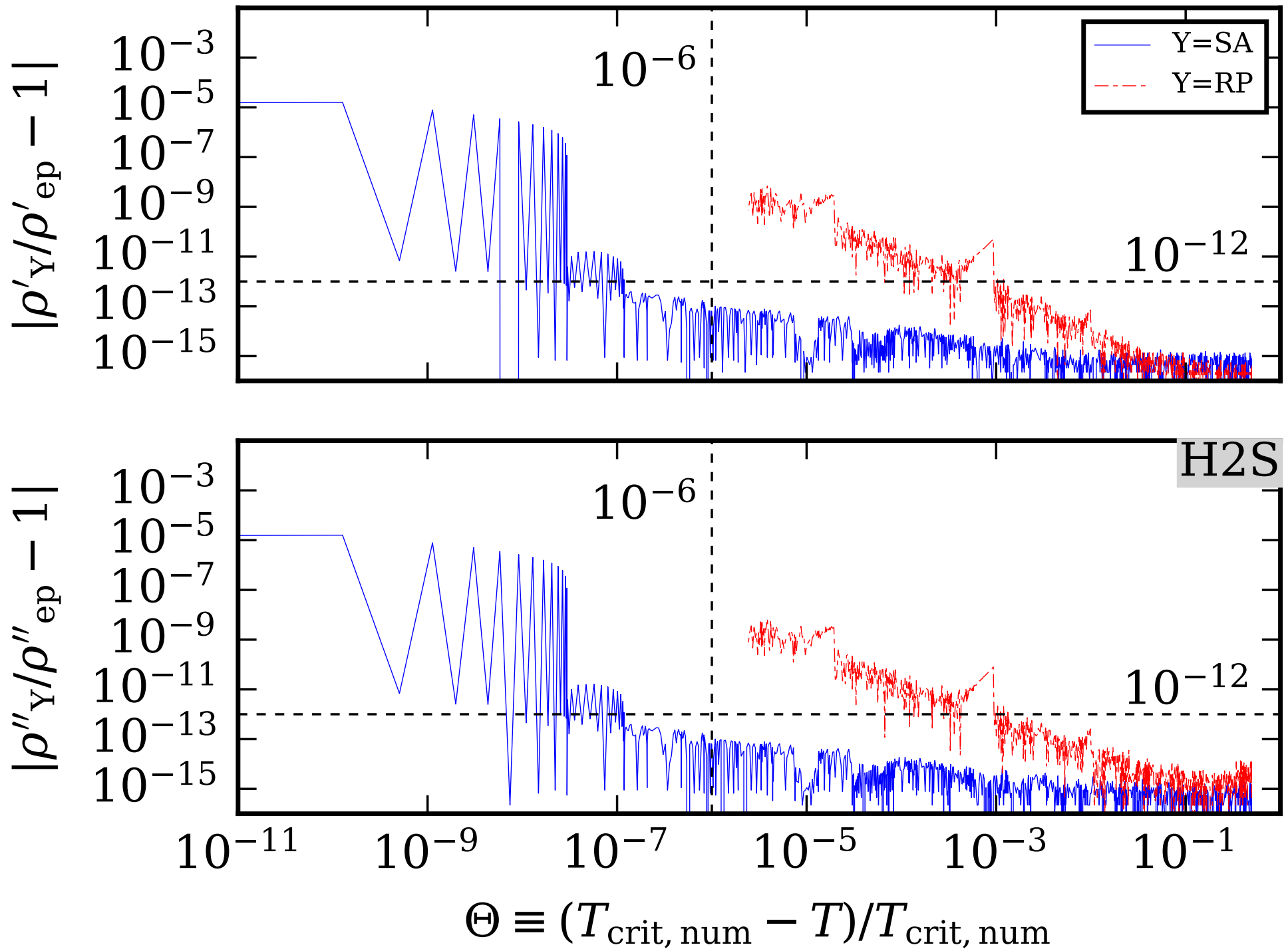

Y=SA
Y=RP
ETHANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

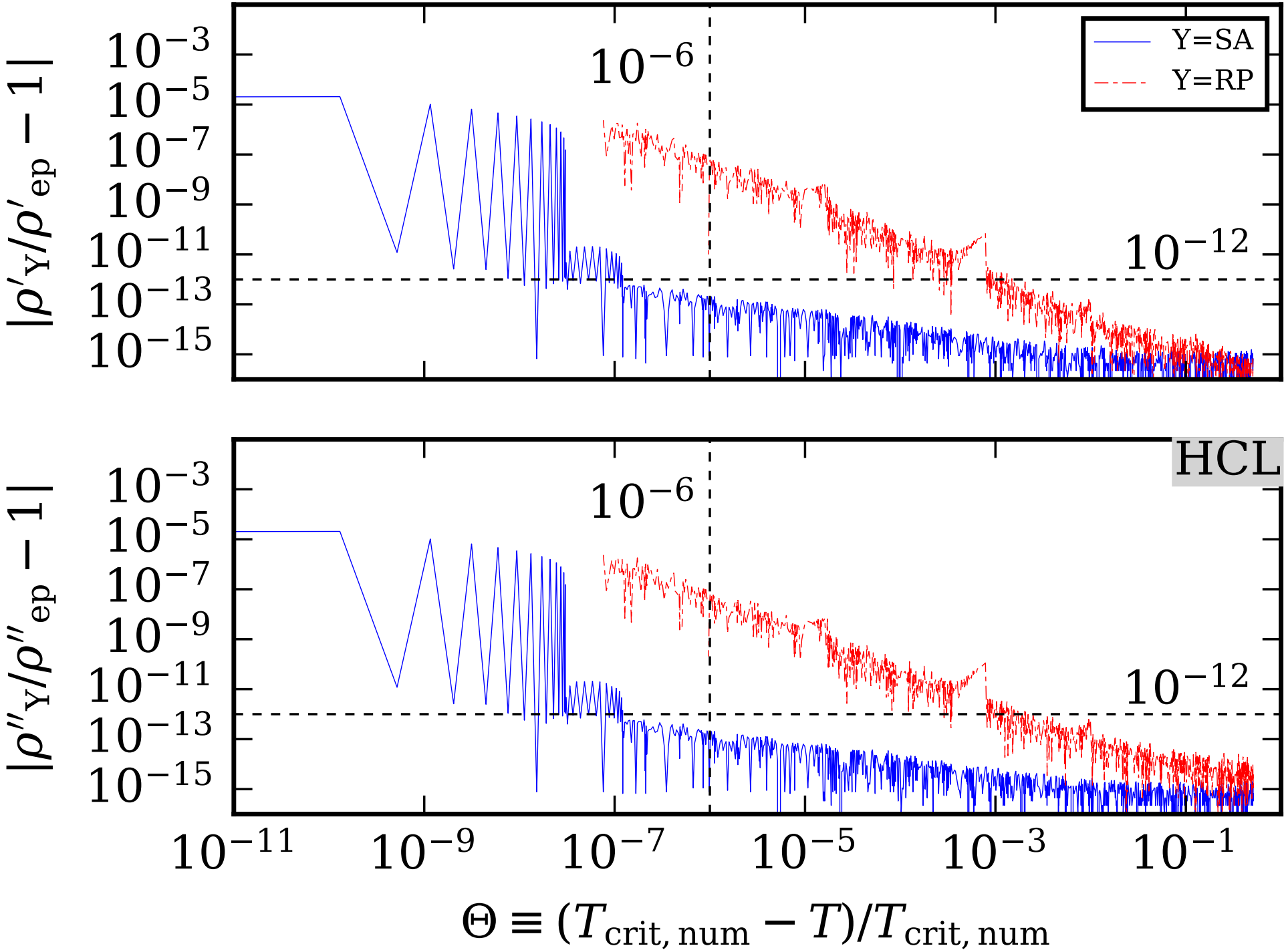

Y=SA
Y=RP
ETHANOL
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

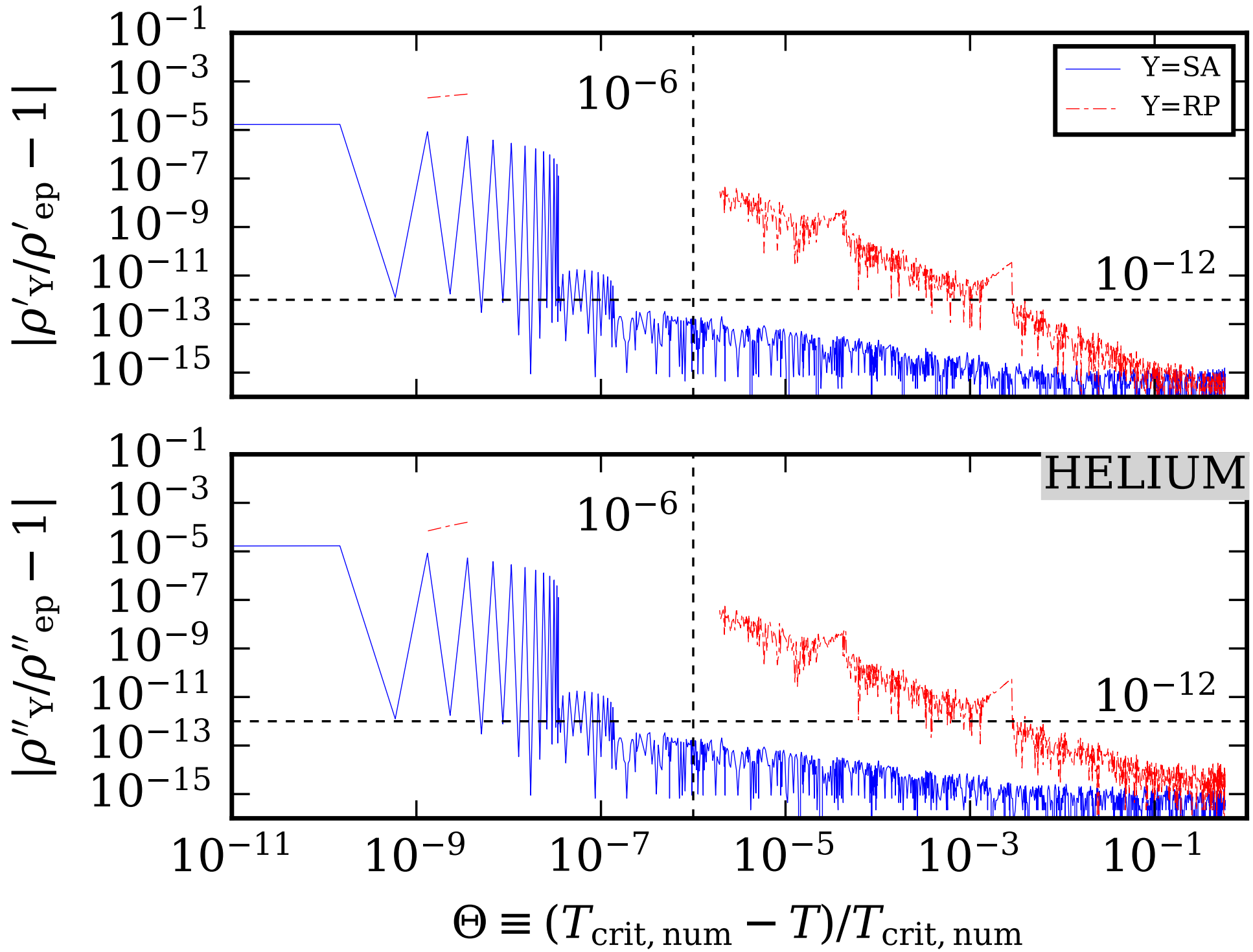

Y=SA
Y=RP
ETHYLENEOXIDE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

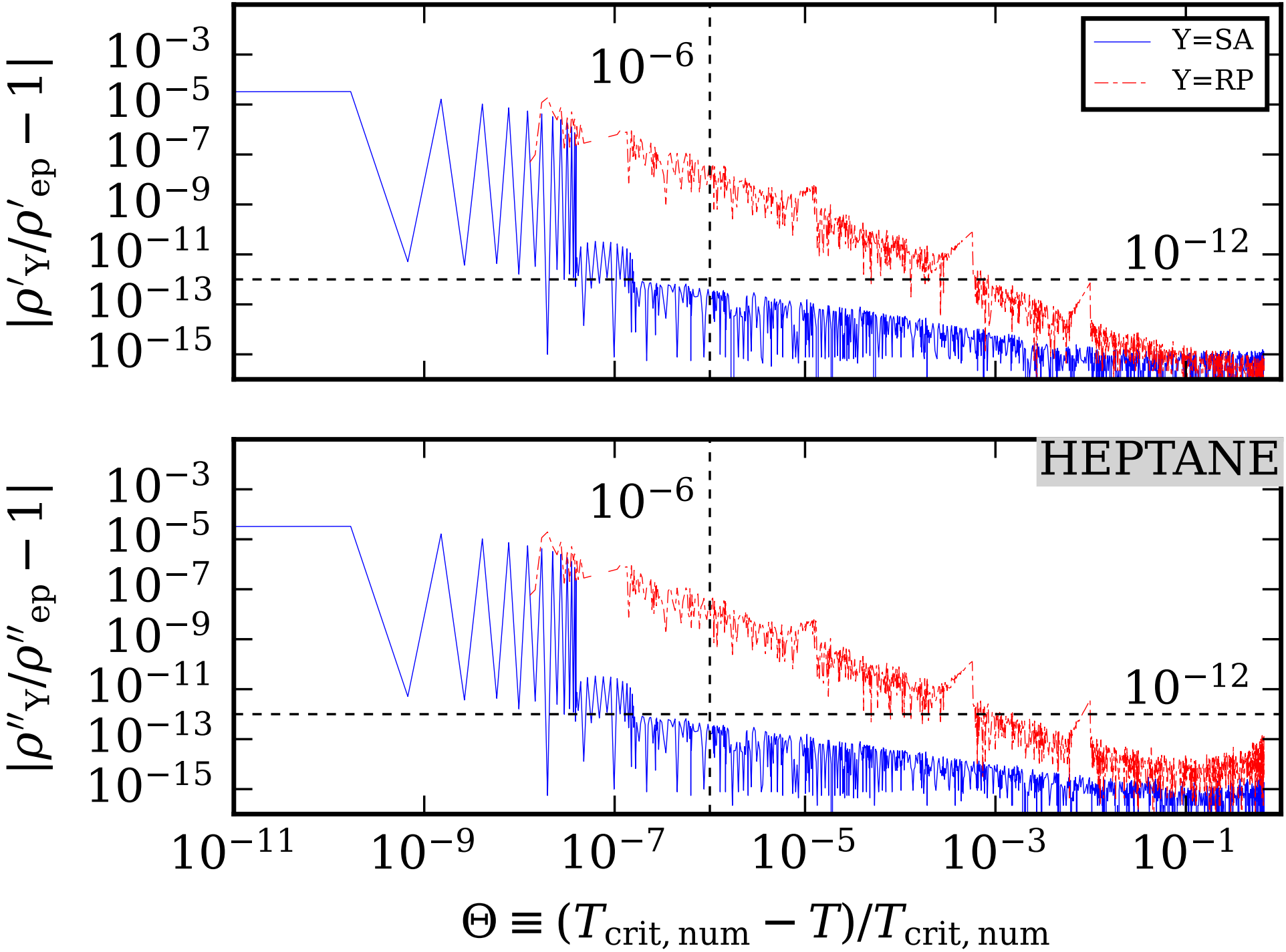

Y=SA
Y=RP
ETHYLENE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

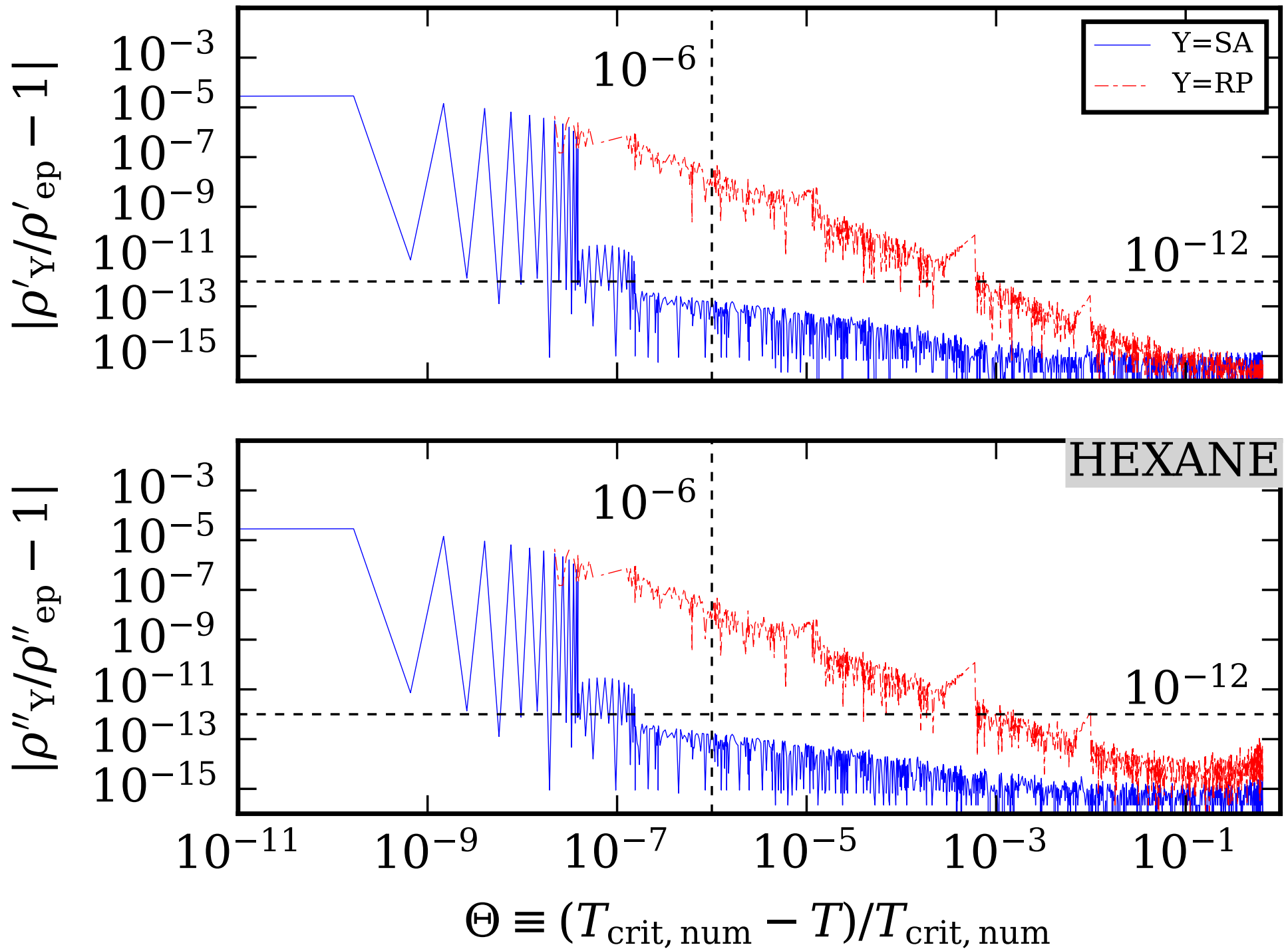

Y=SA
Y=RP
FLUORINE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

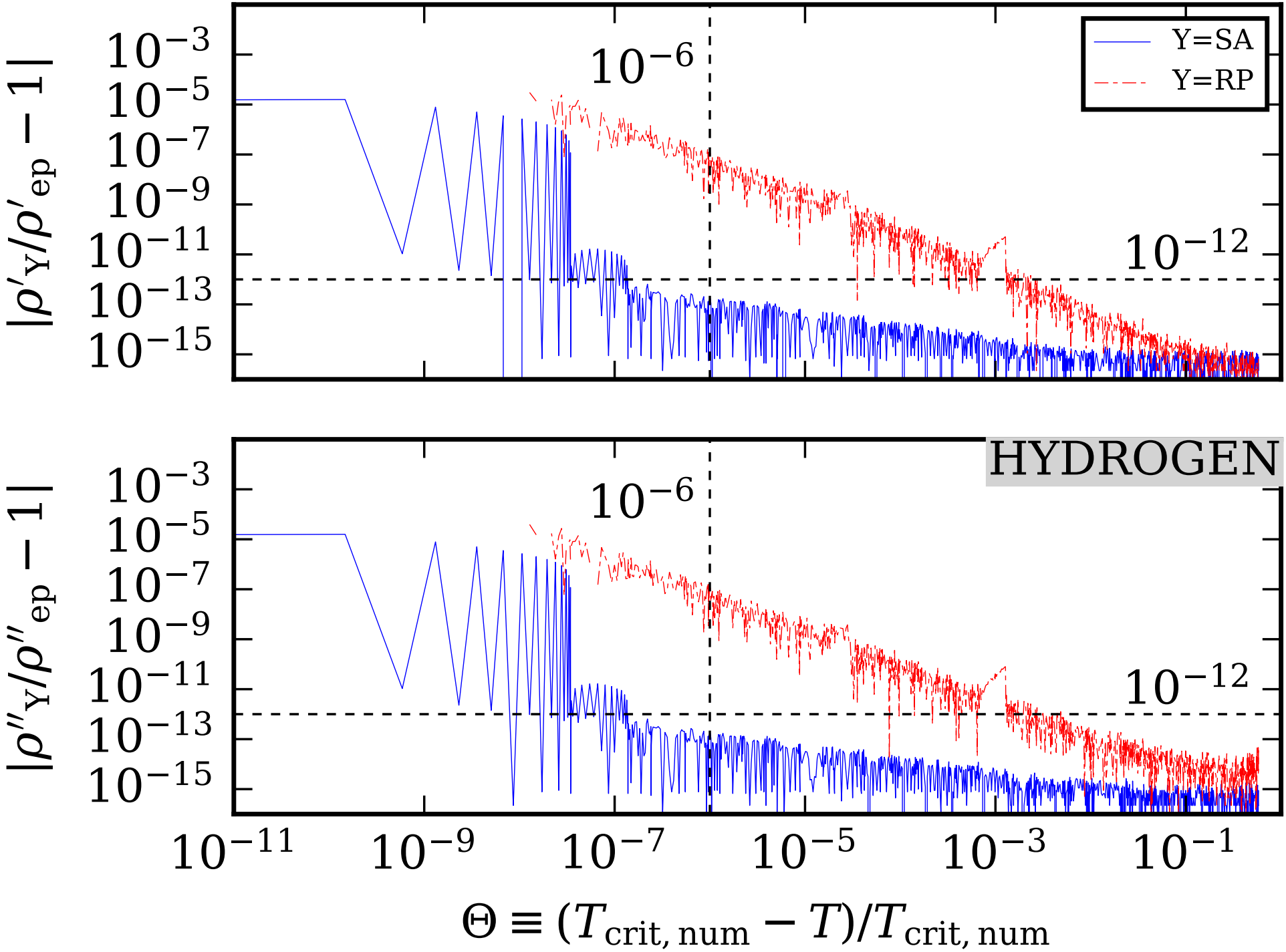

Y=SA
Y=RP
H2S
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

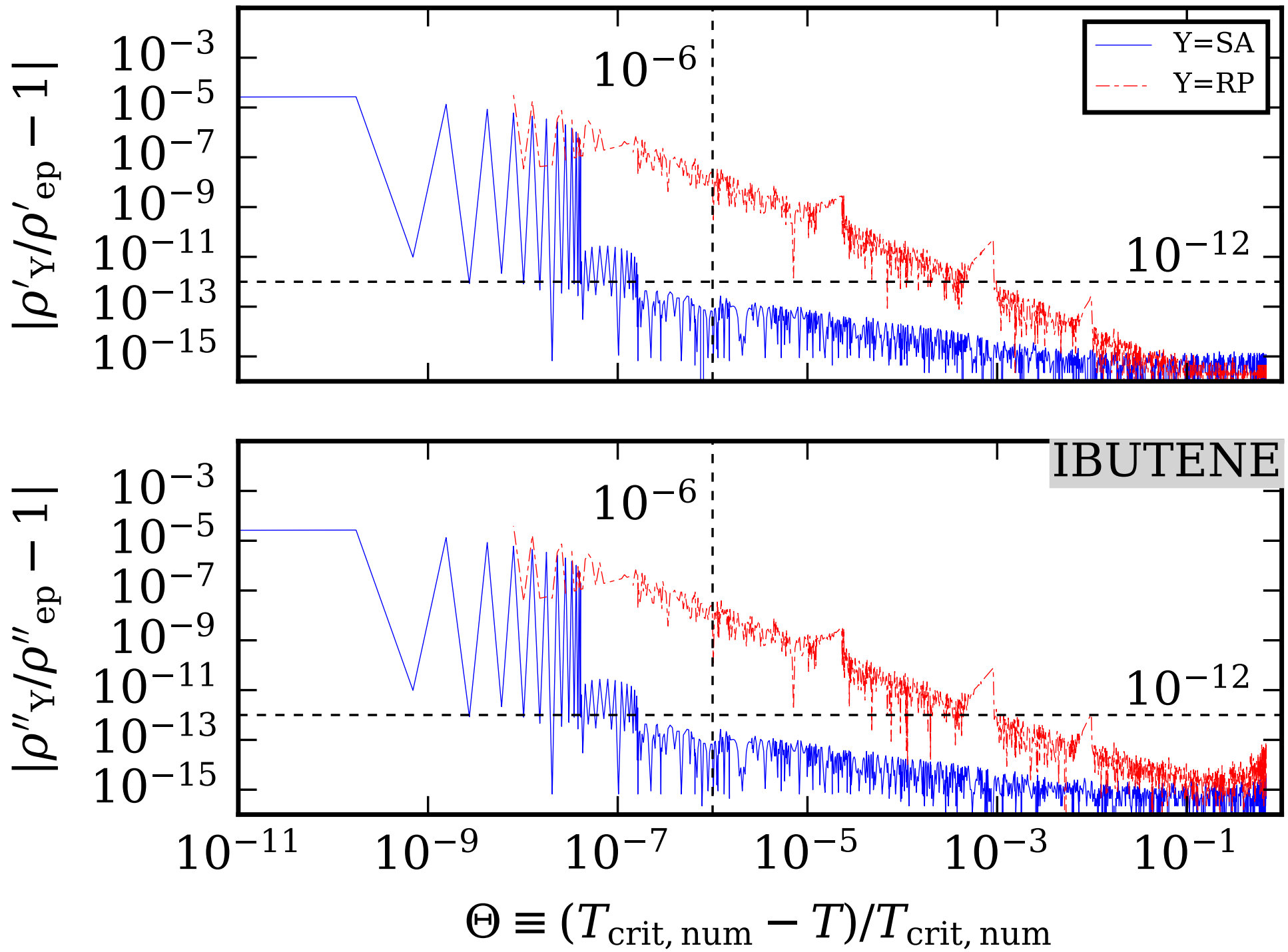

Y=SA
Y=RP
HCL
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

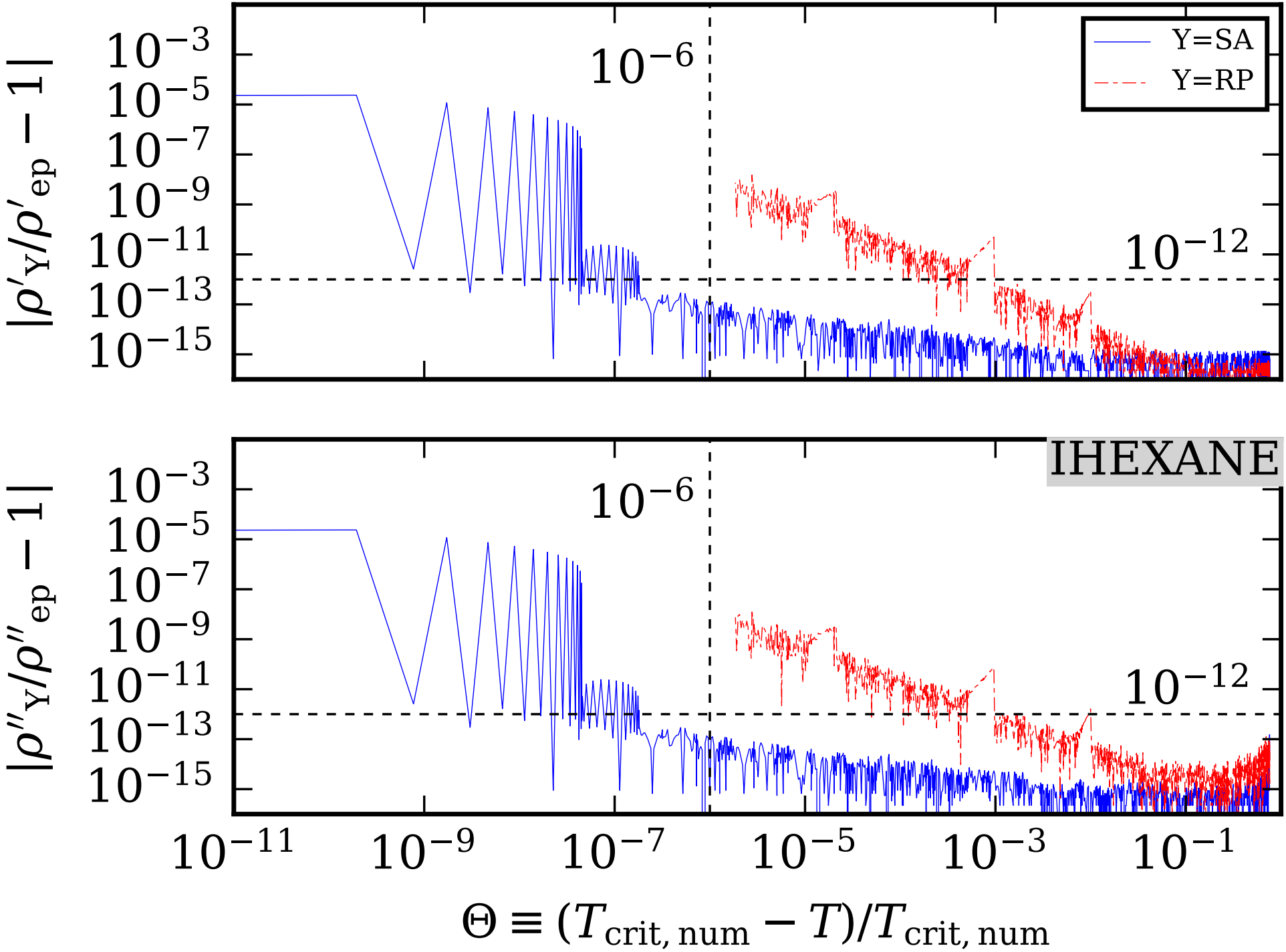

Y=SA
Y=RP
HELIUM
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

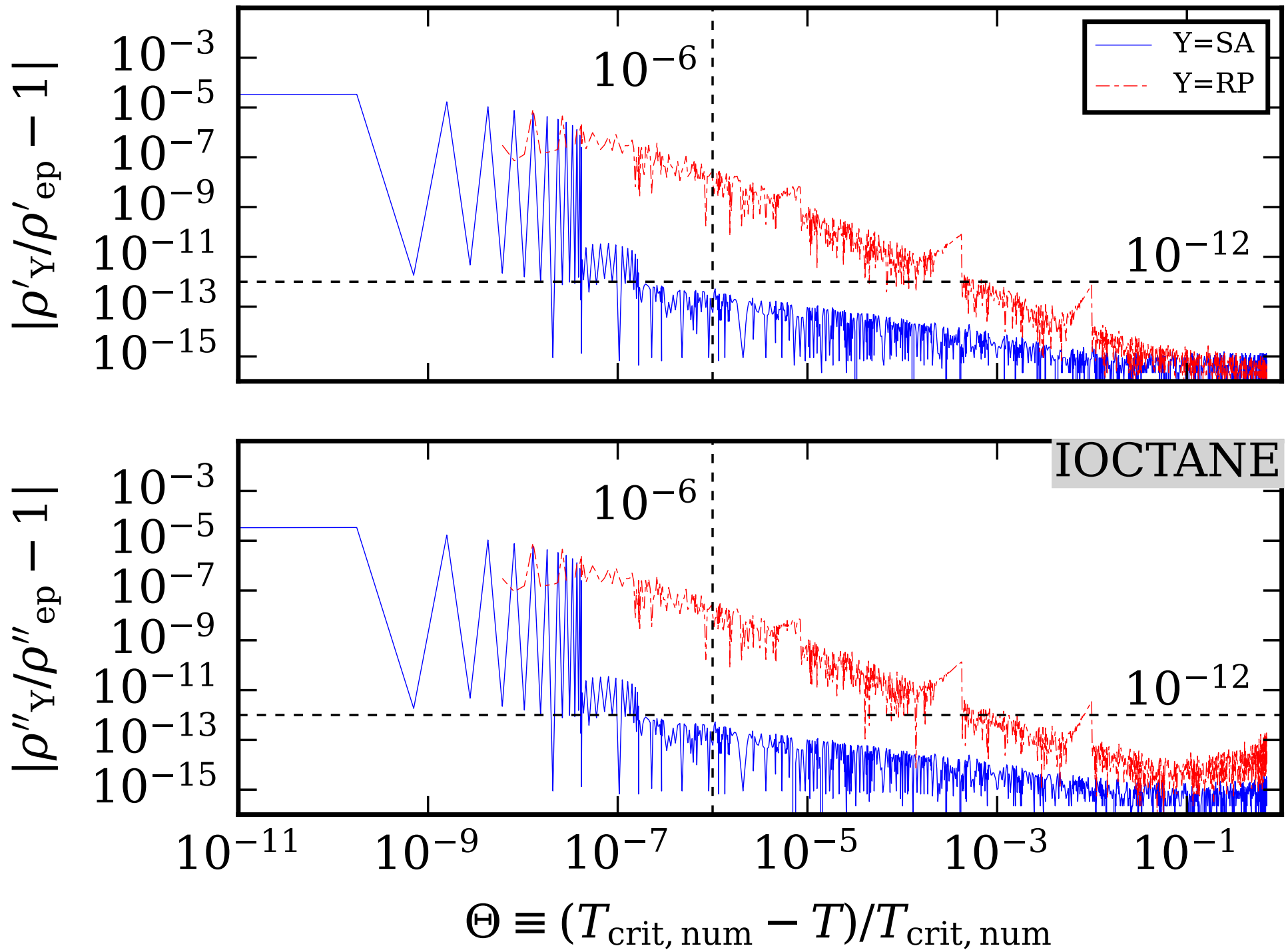

Y=SA
Y=RP
HEPTANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

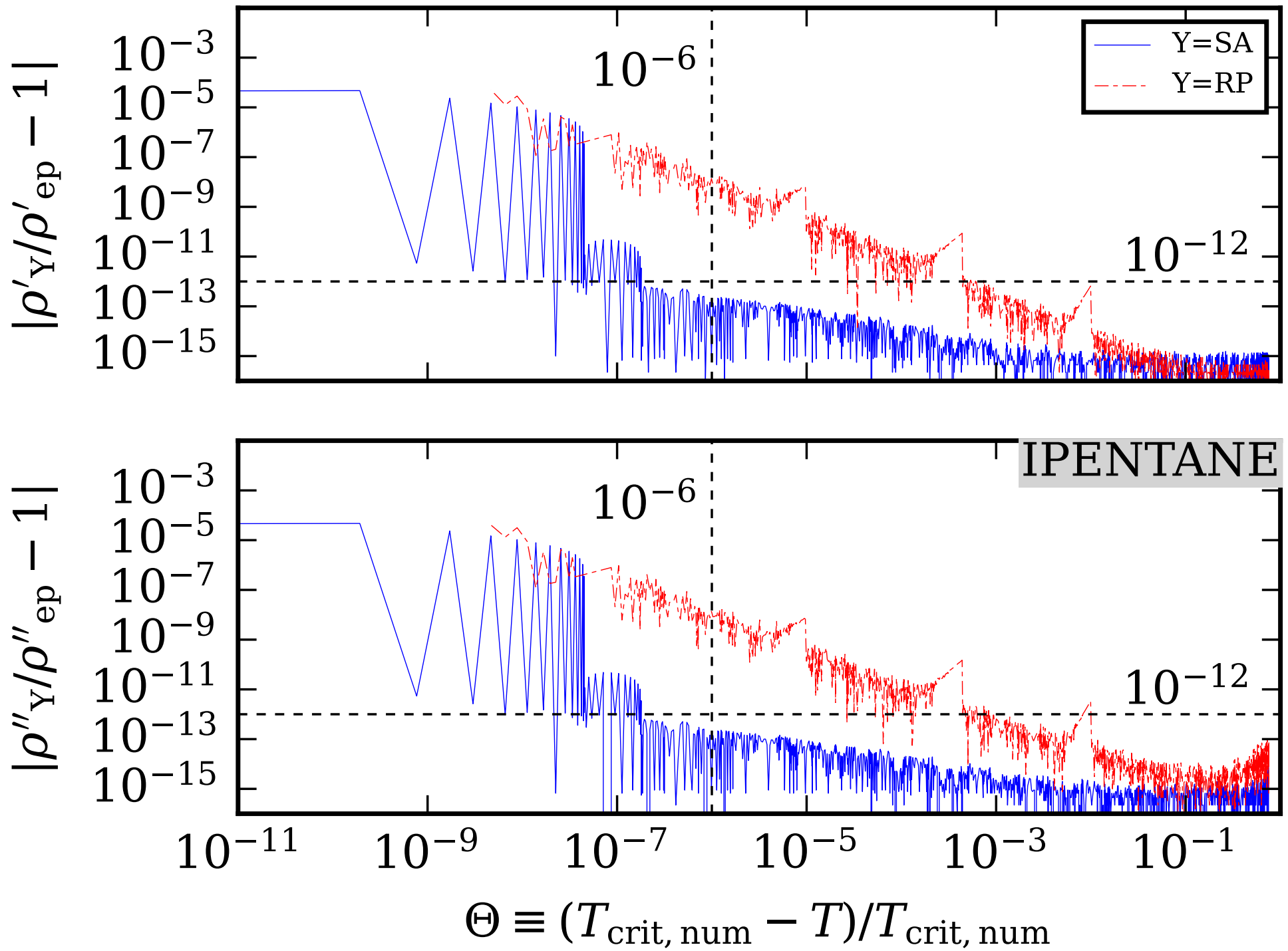

Y=SA
Y=RP
HEXANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

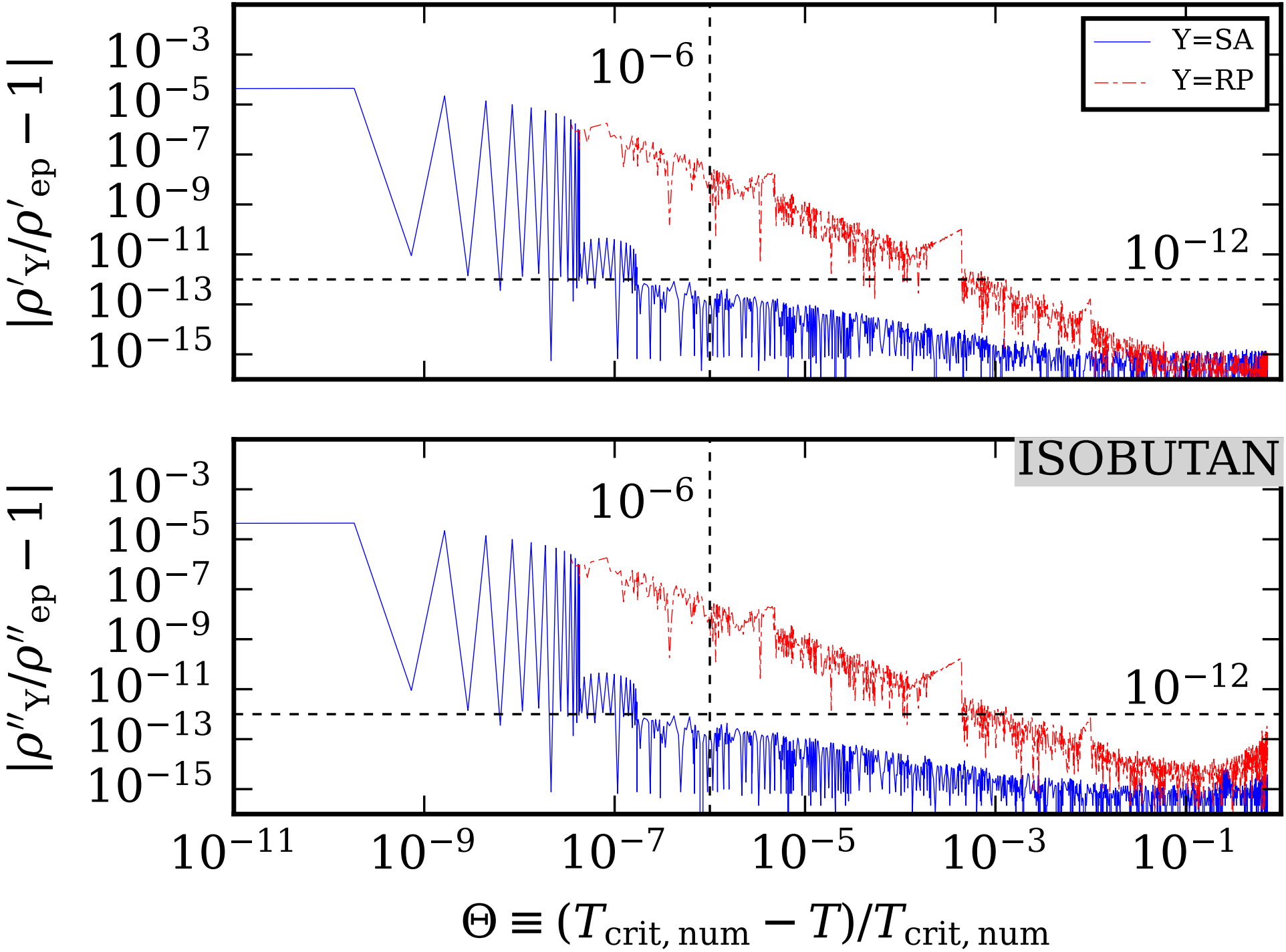

Y=SA
Y=RP
HYDROGEN
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

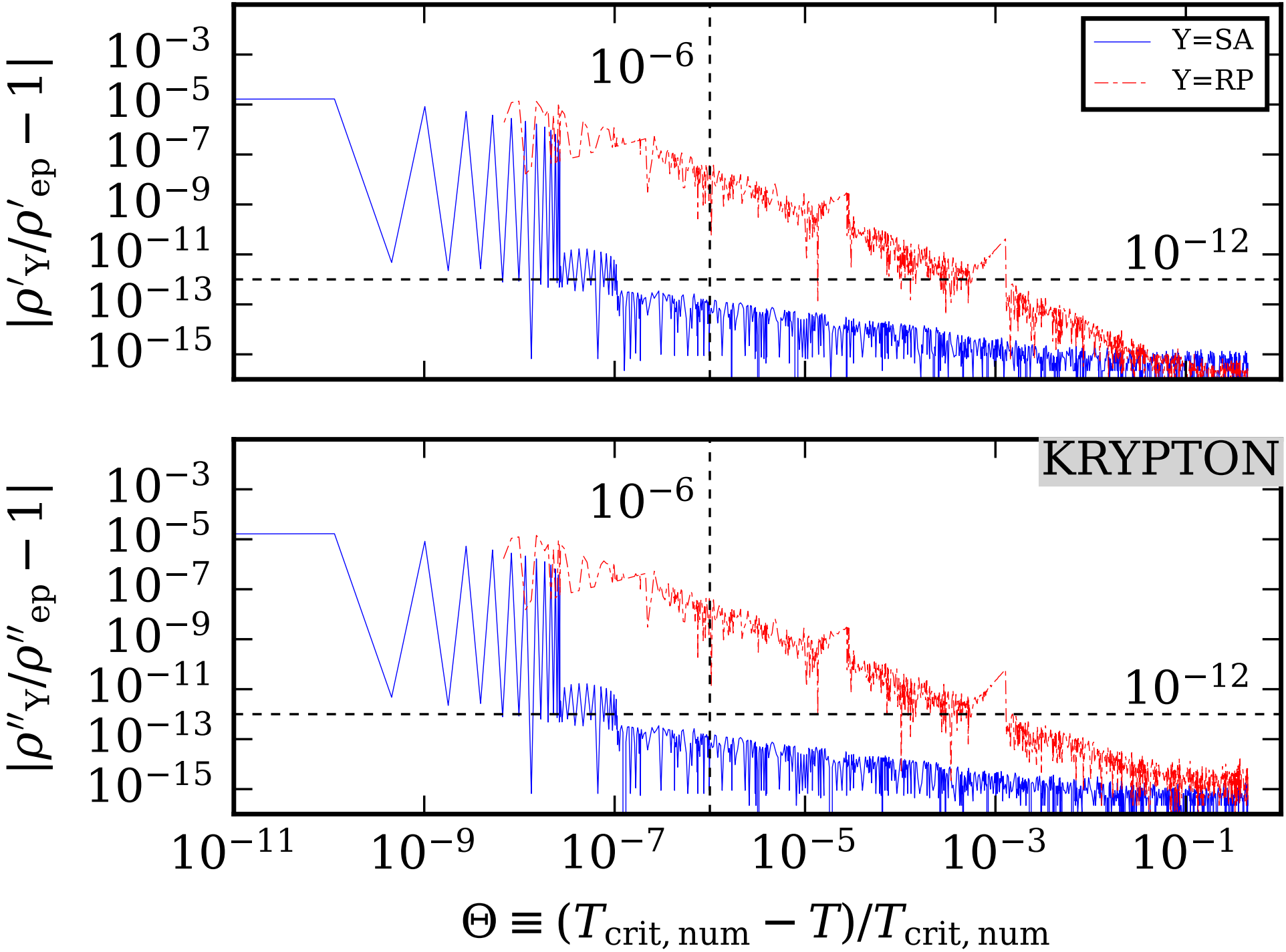

Y=SA
Y=RP
IBUTENE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

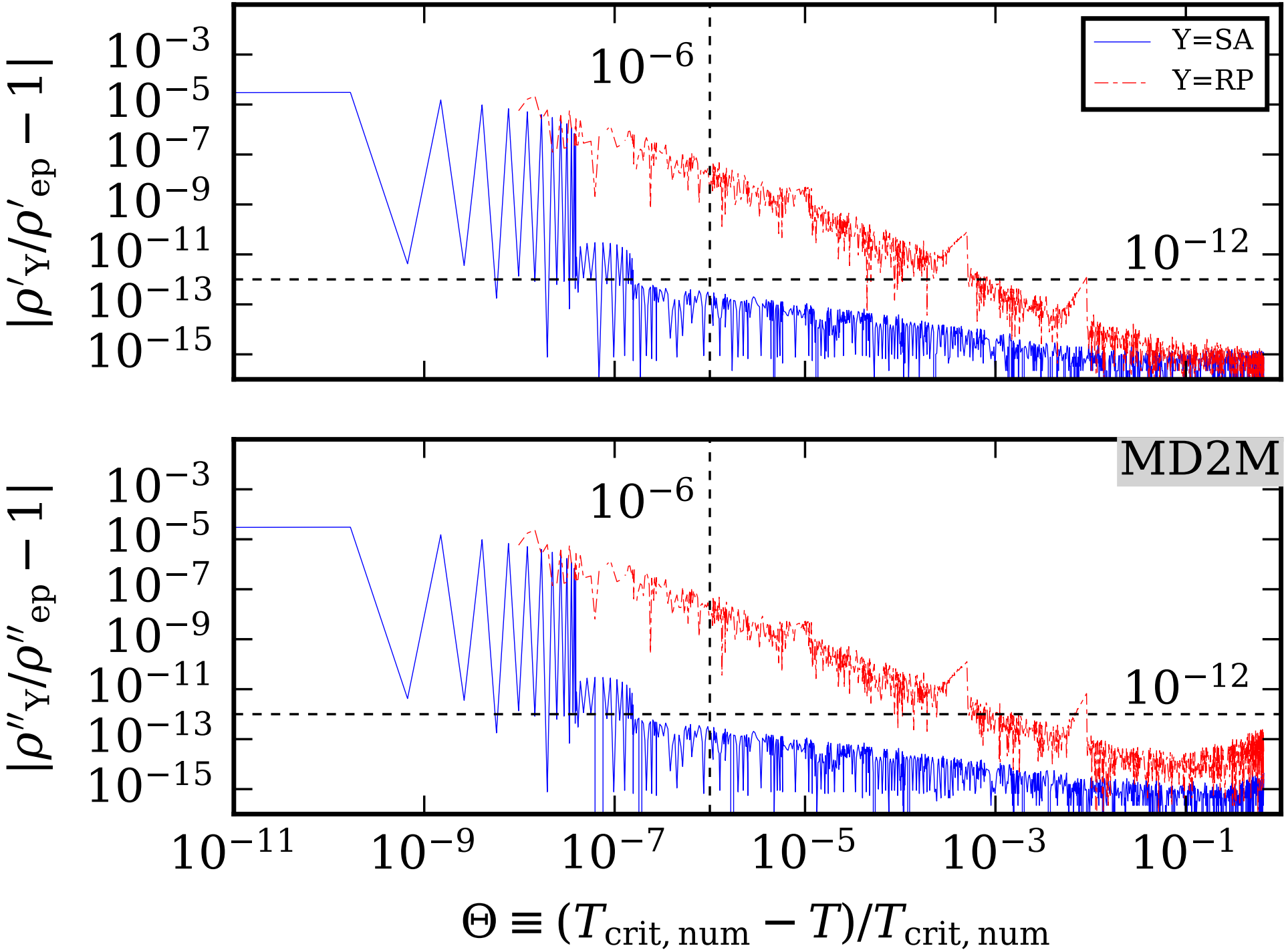

Y=SA
Y=RP
IHEXANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

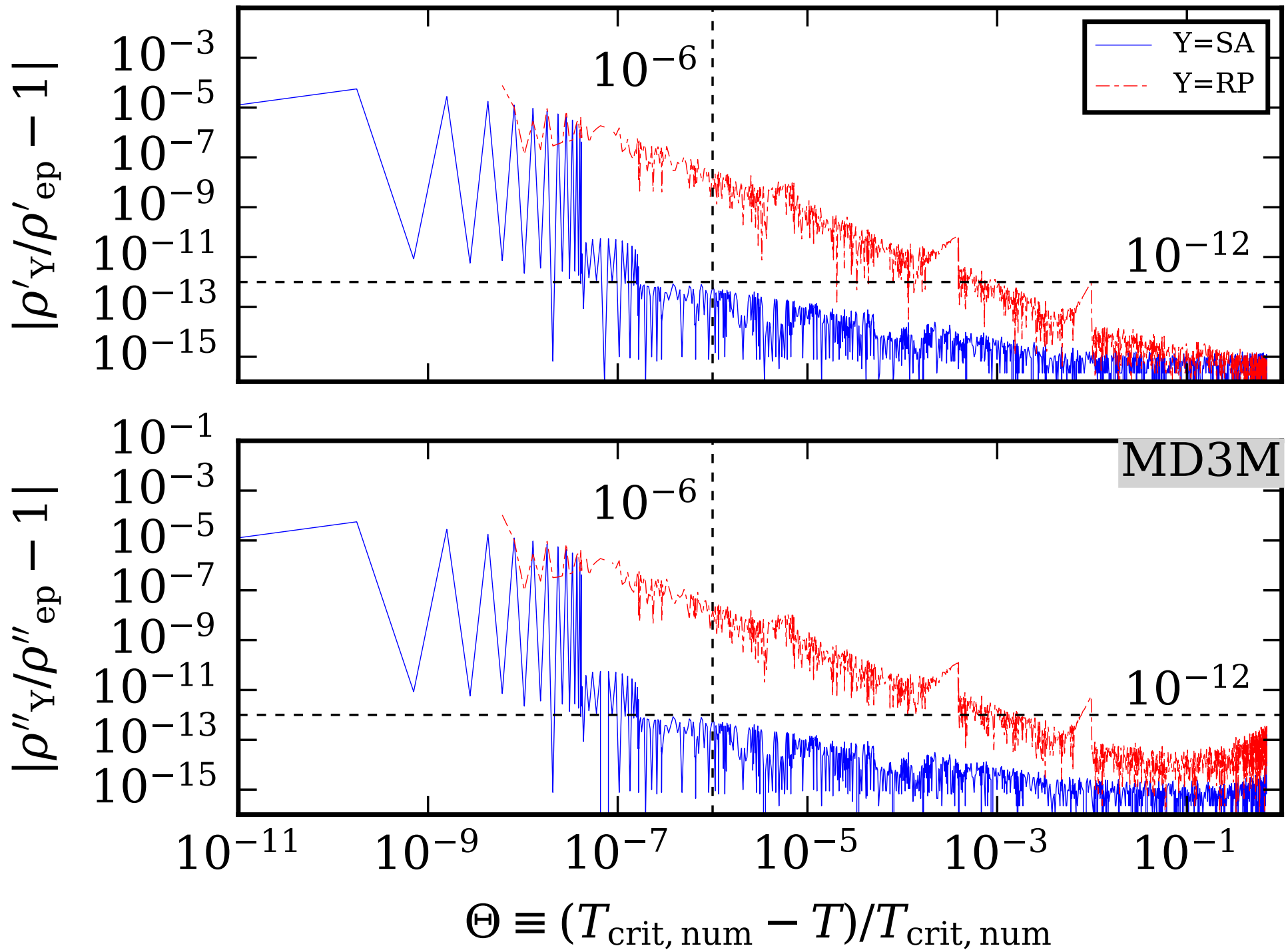

Y=SA
Y=RP
IOCTANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

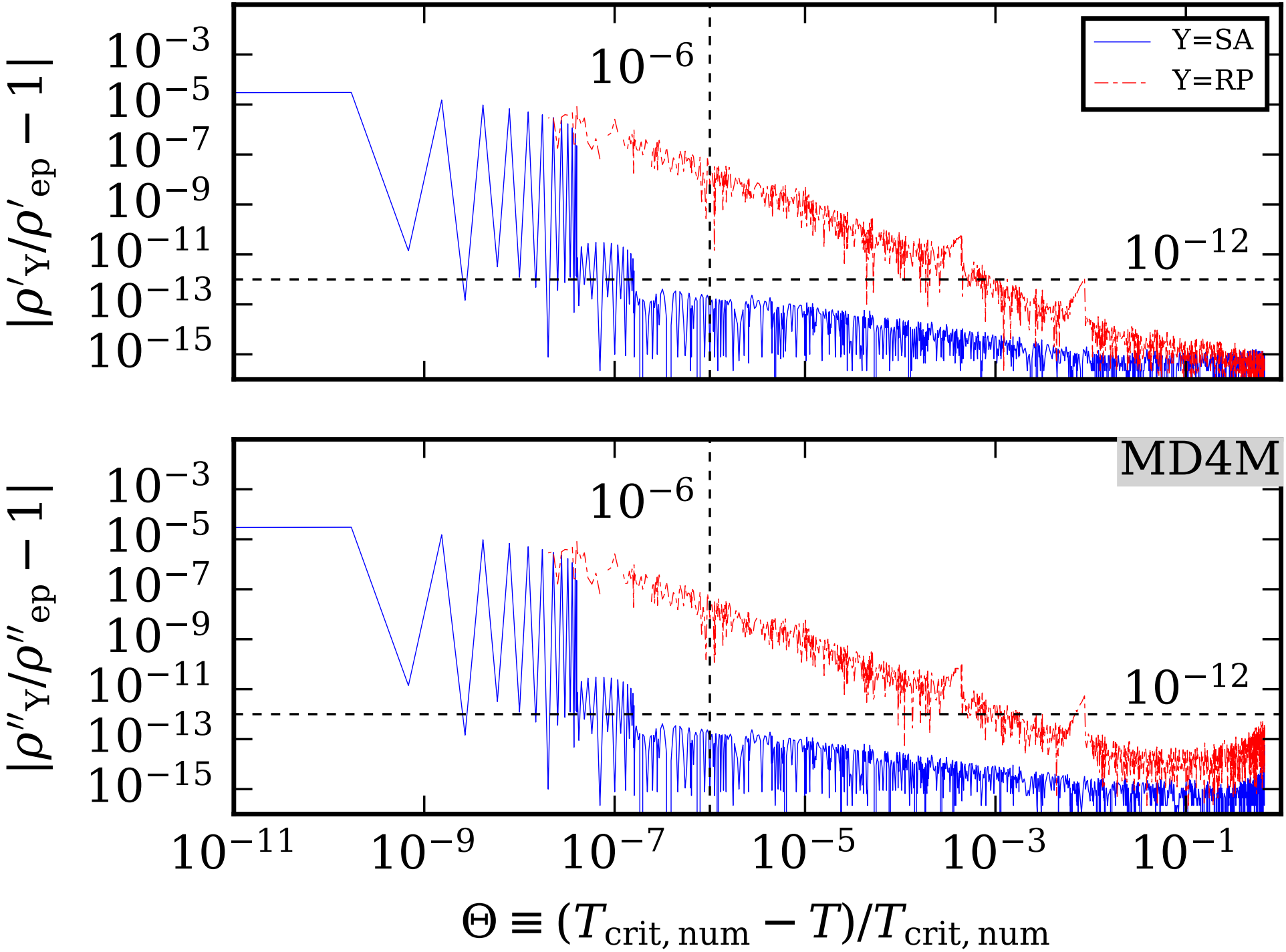

Y=SA
Y=RP
IPENTANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

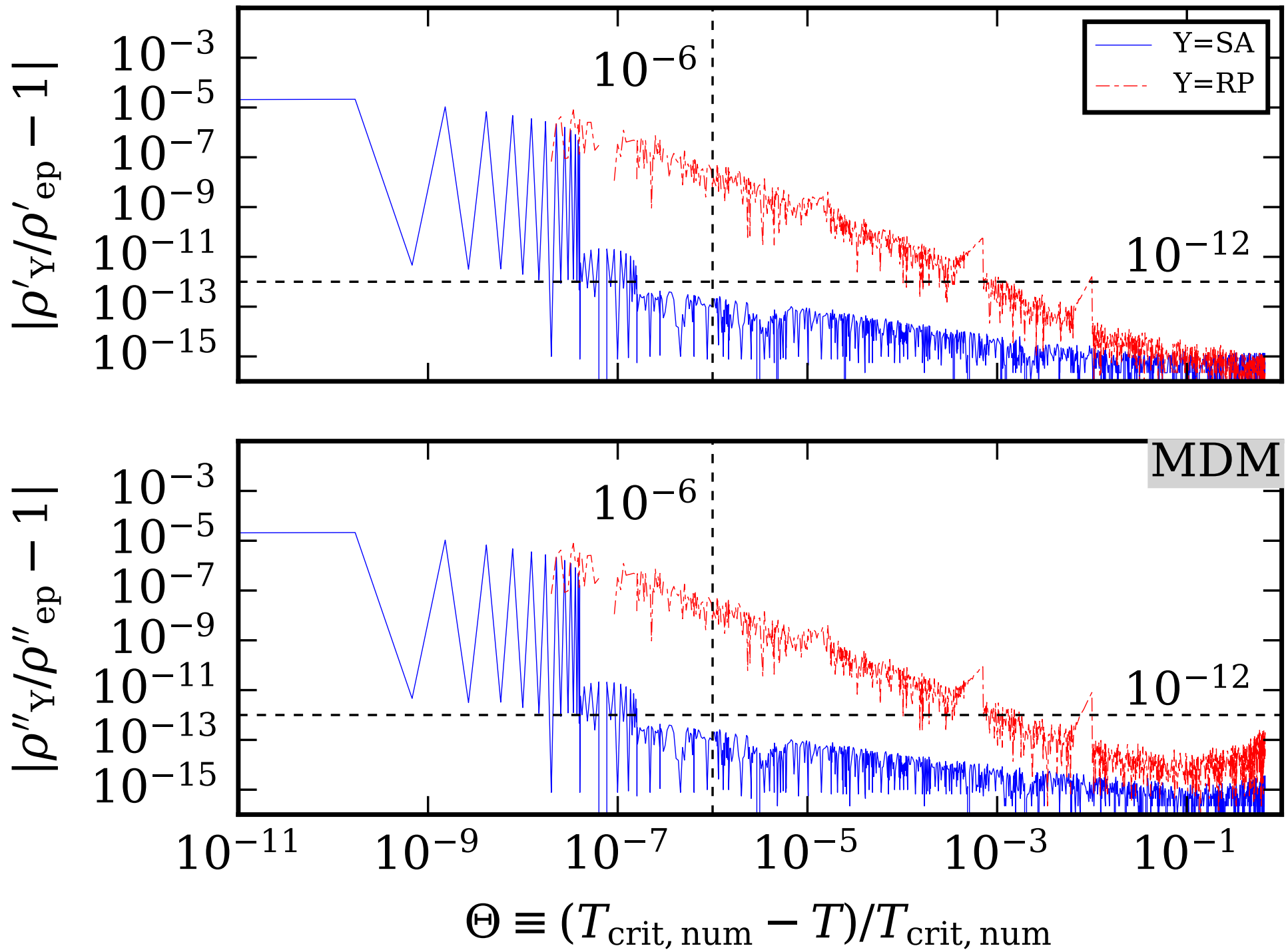

Y=SA
Y=RP
ISOBUTAN
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

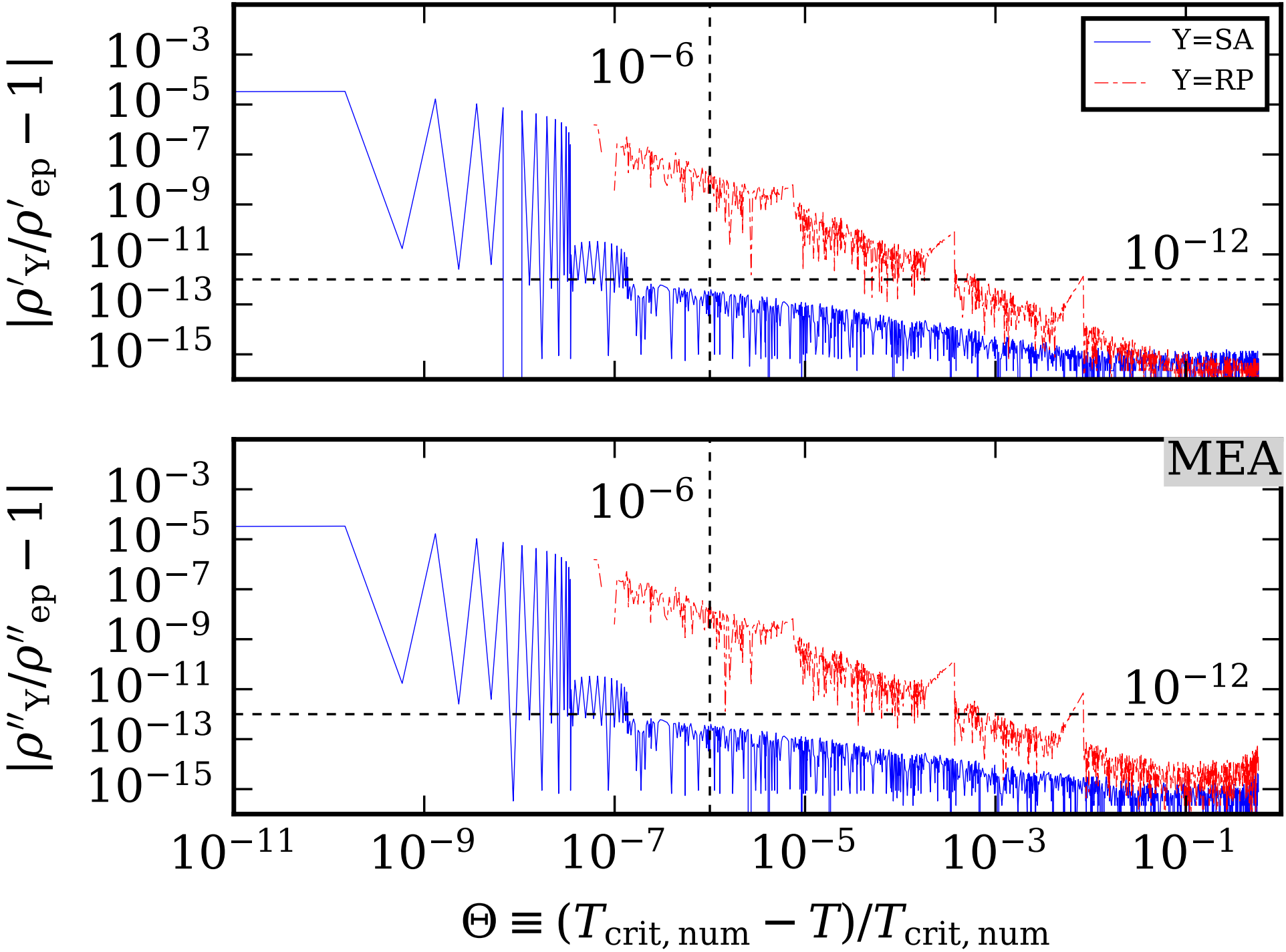

Y=SA
Y=RP
KRYPTON
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

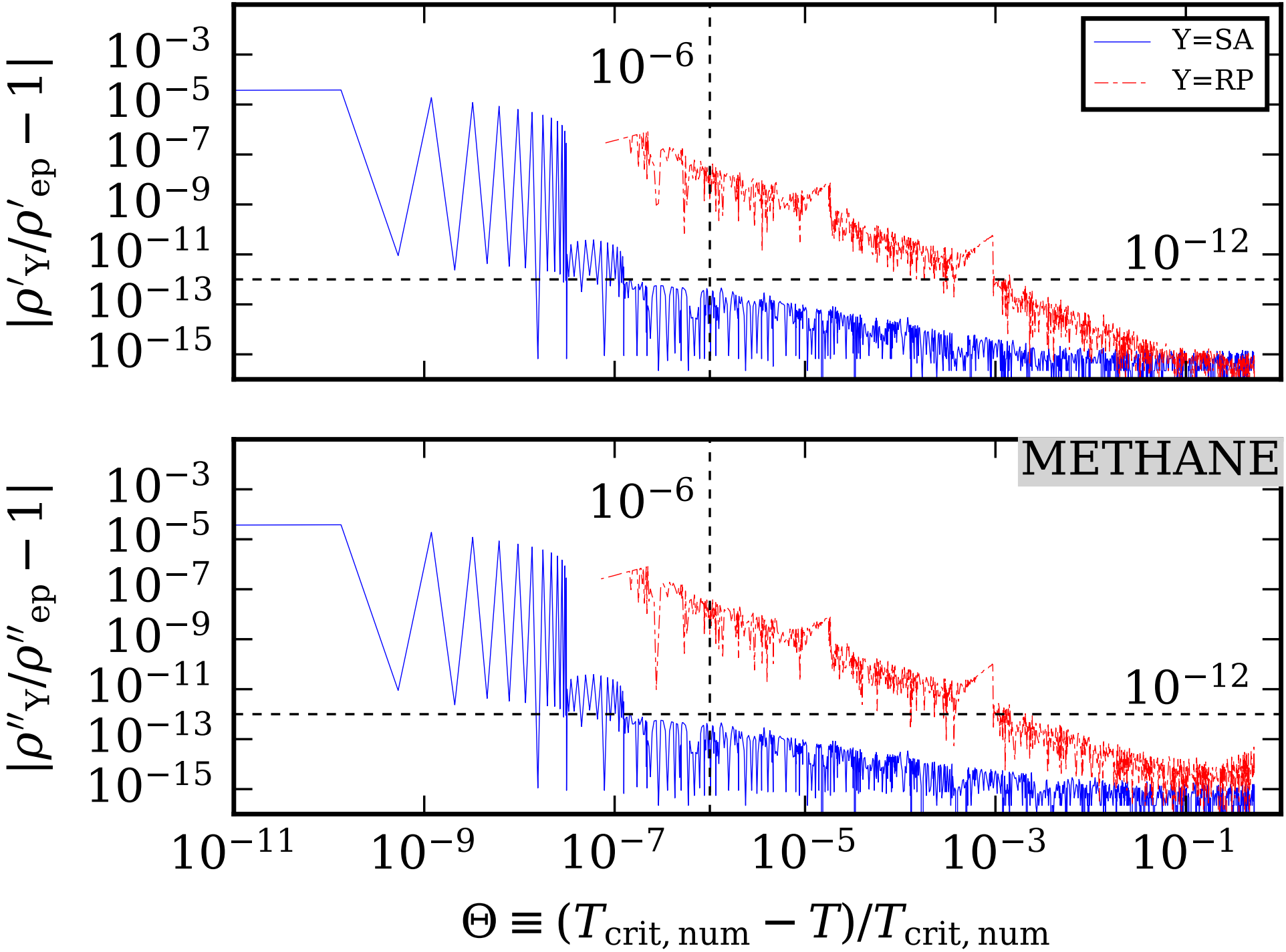

Y=SA
Y=RP
MD2M
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

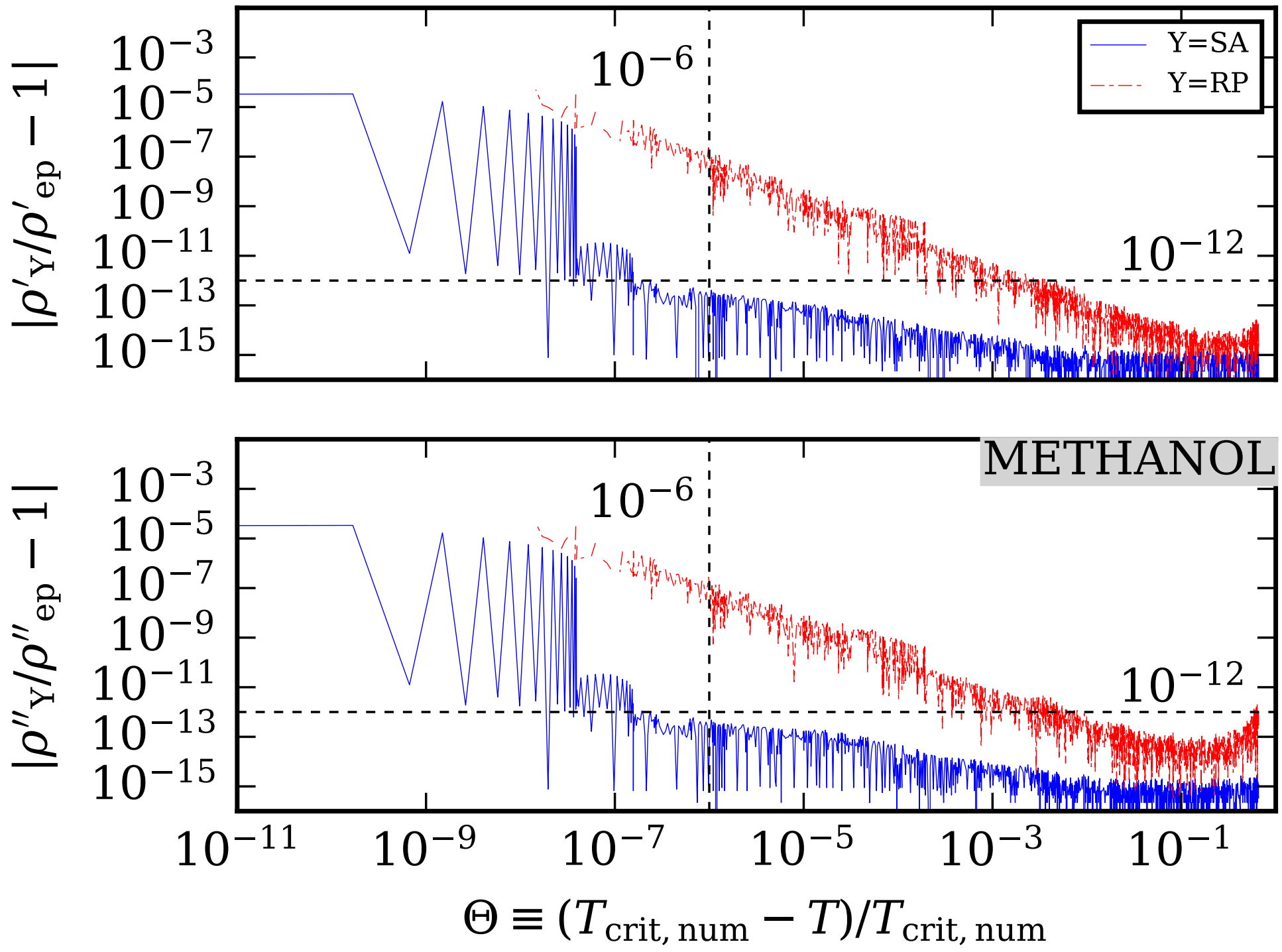

Y=SA
Y=RP
MD3M
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-1}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

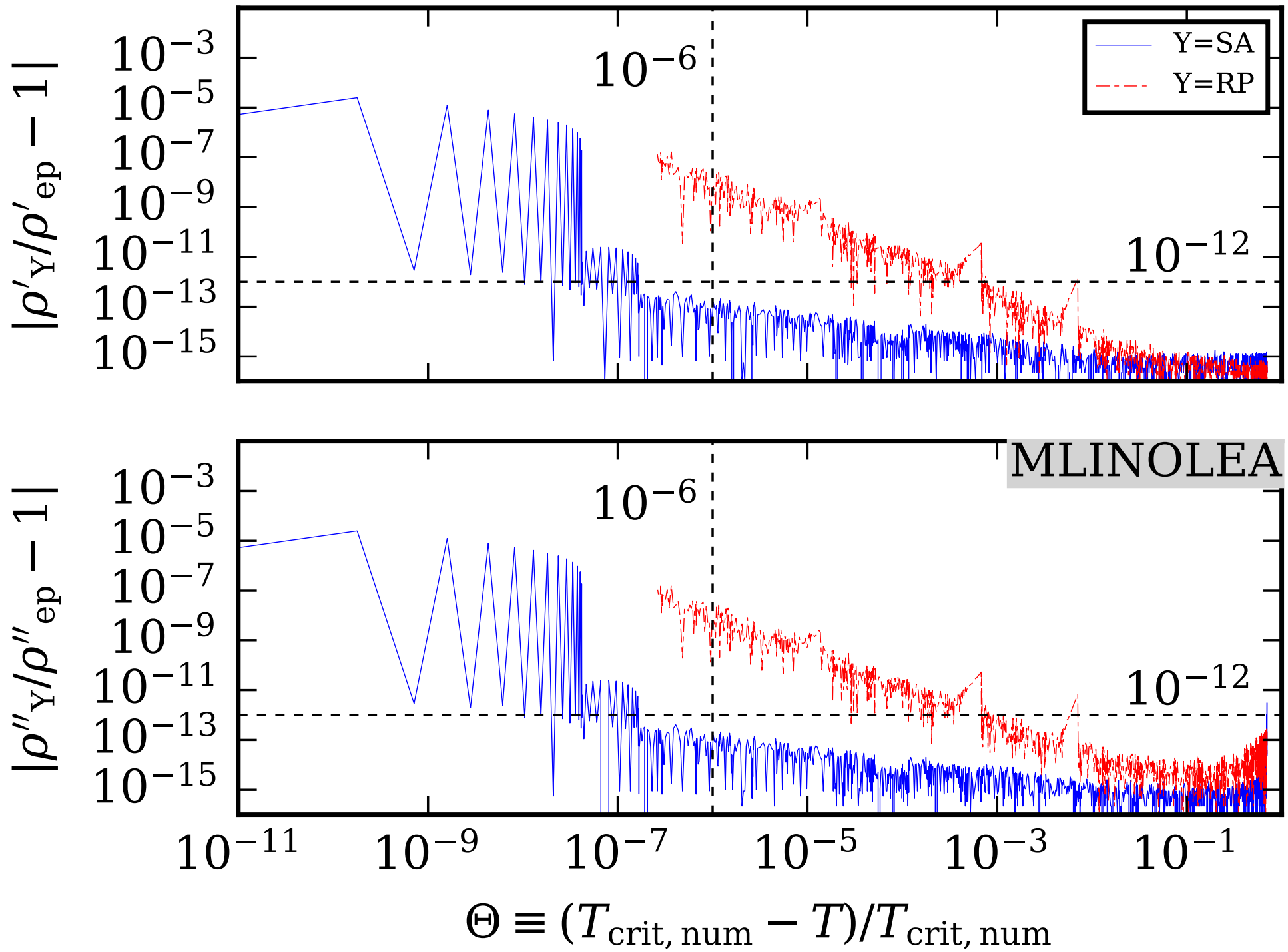

Y=SA
Y=RP
MD4M
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

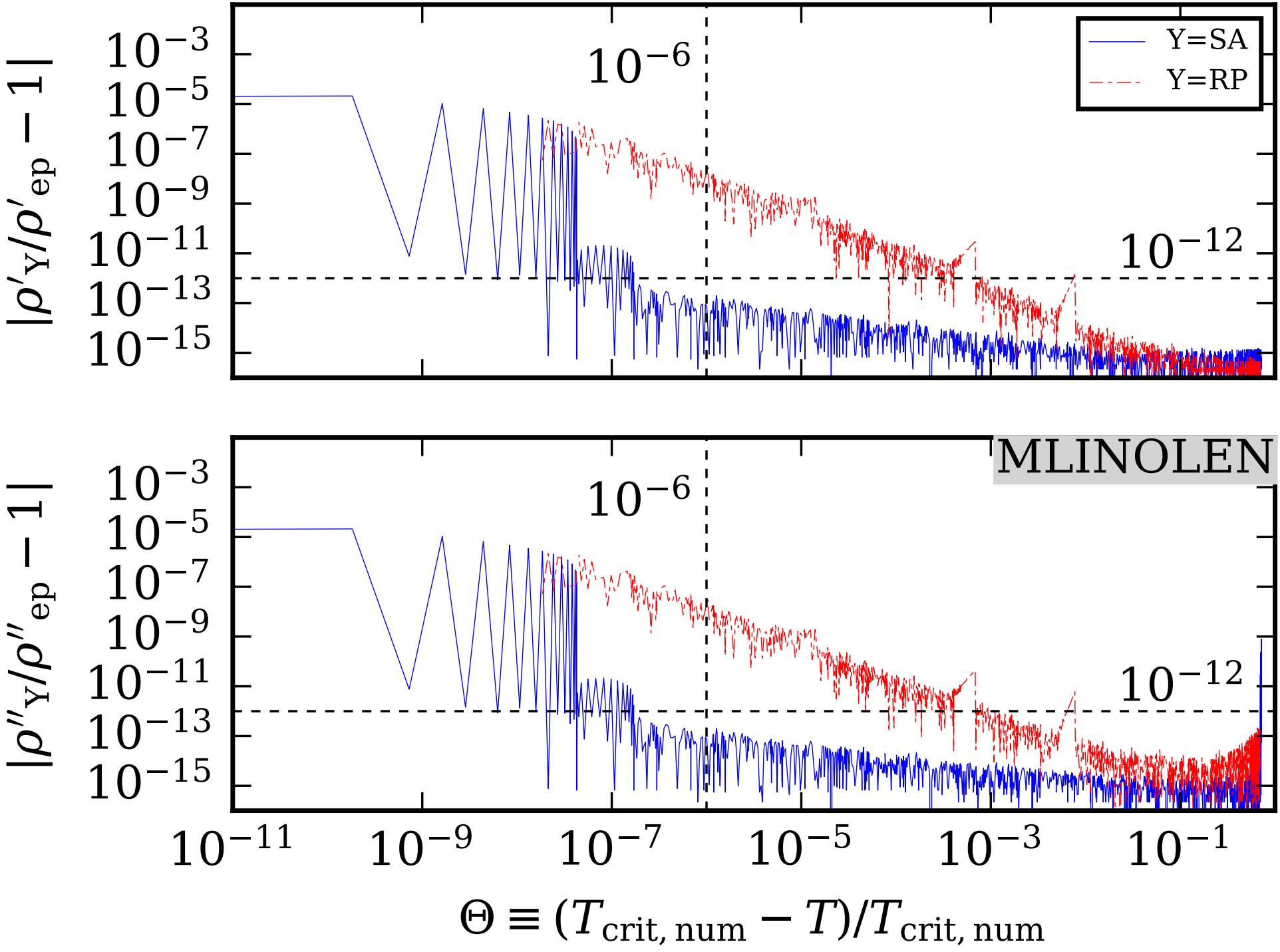

Y=SA
Y=RP
MDM
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

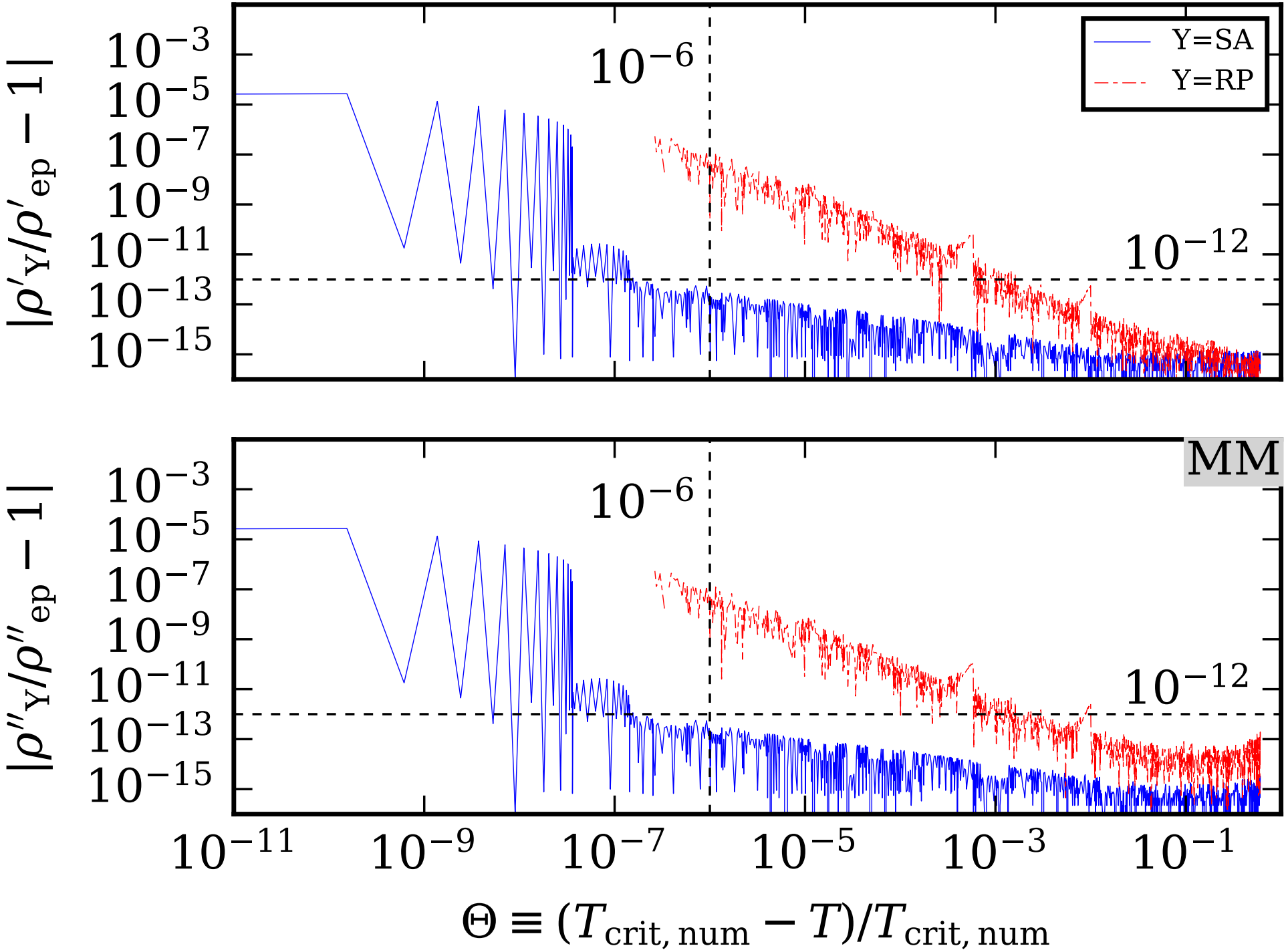

Y=SA
Y=RP
MEA
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

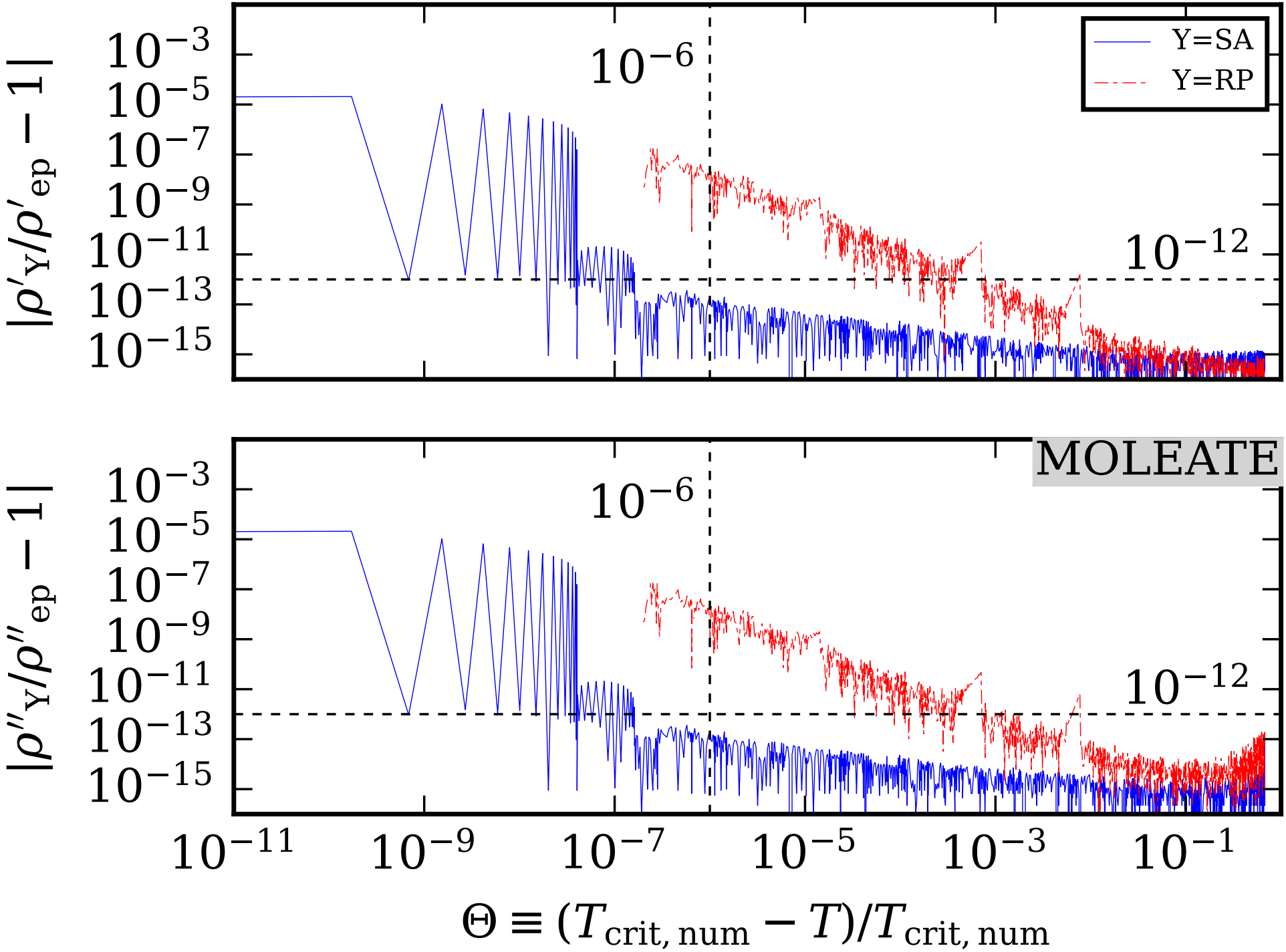

Y=SA
Y=RP
METHANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

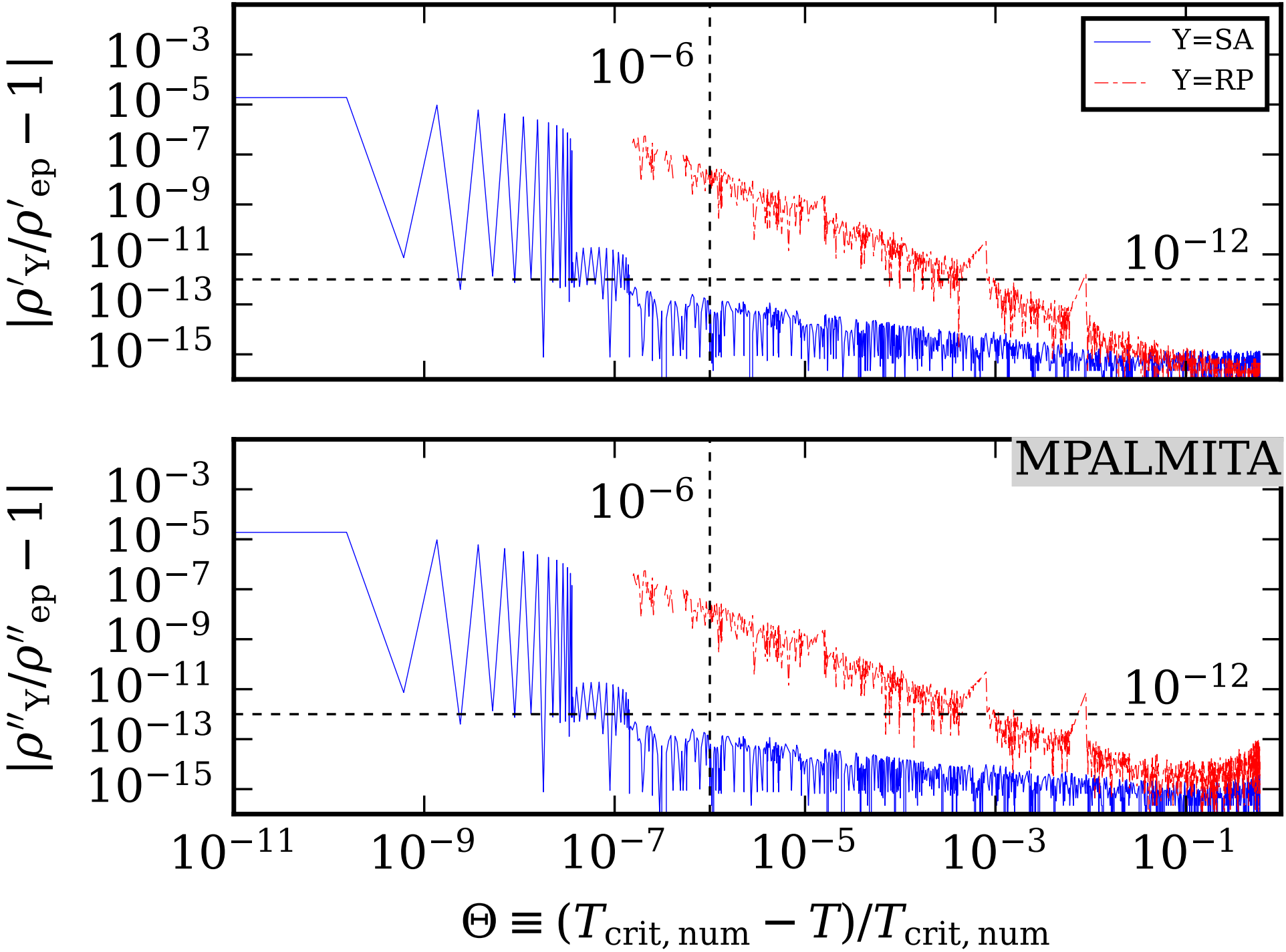

Y=SA
Y=RP
METHANOL
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

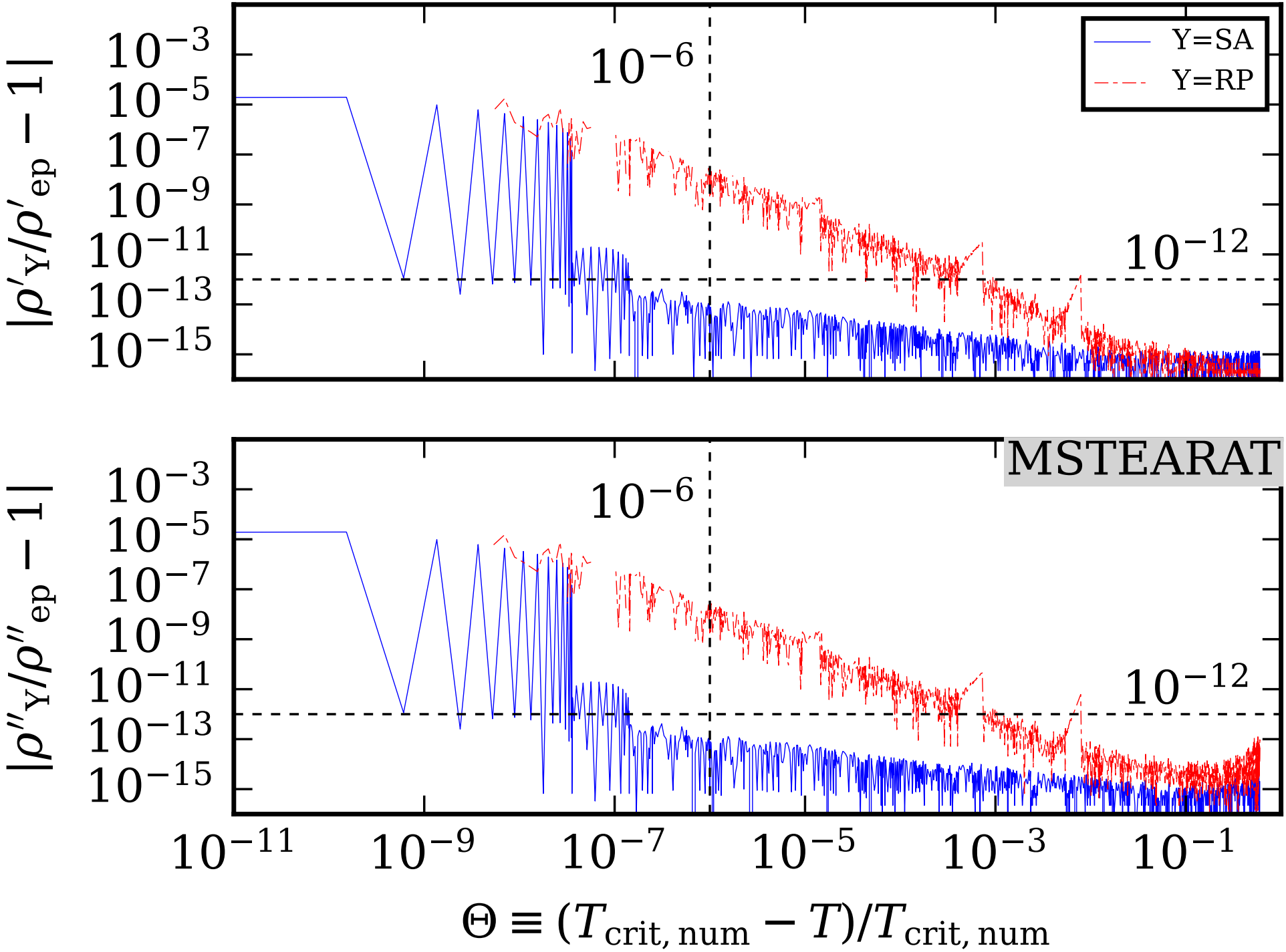

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
MLINOLEA
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

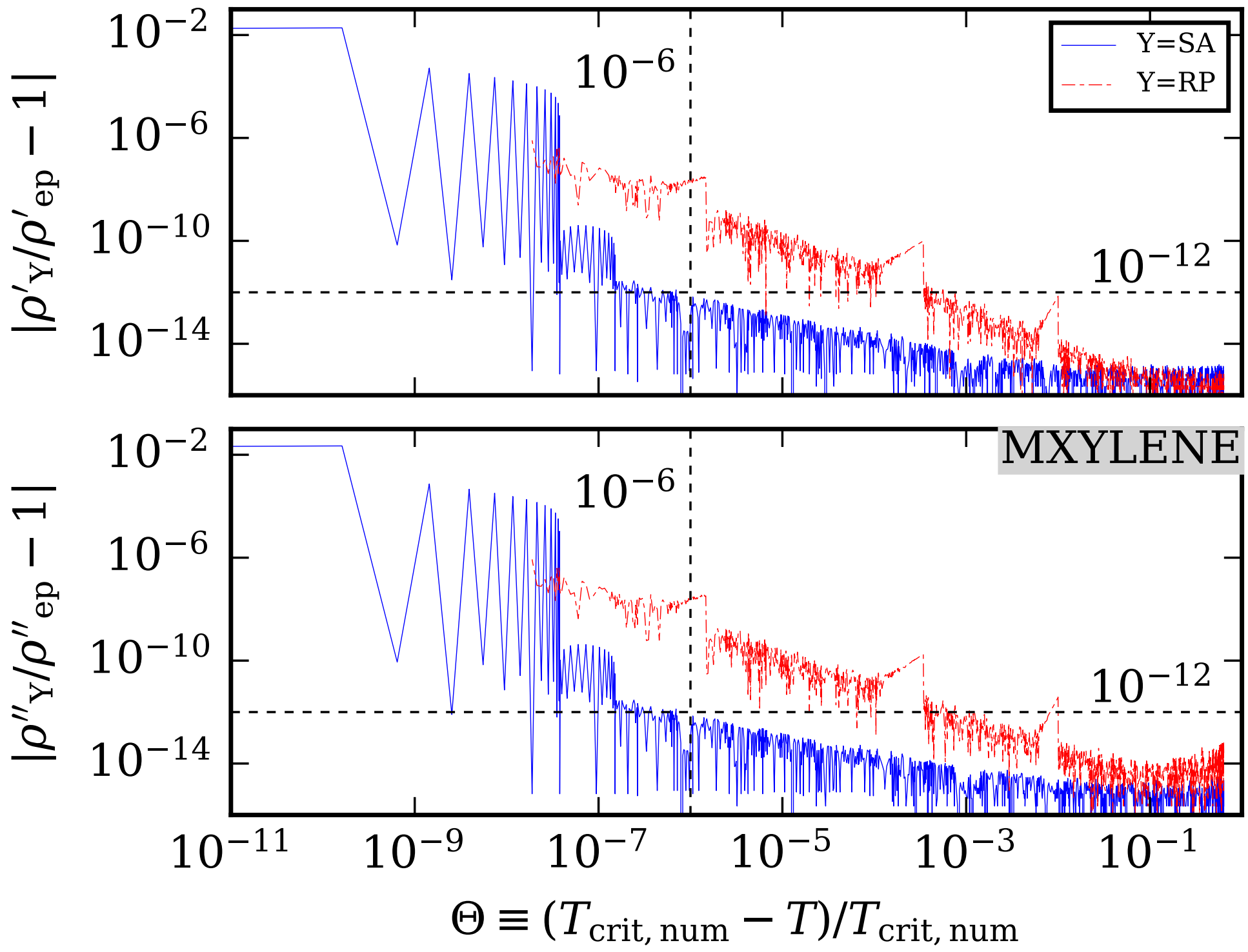

Y=SA
Y=RP
MLINOLEN
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

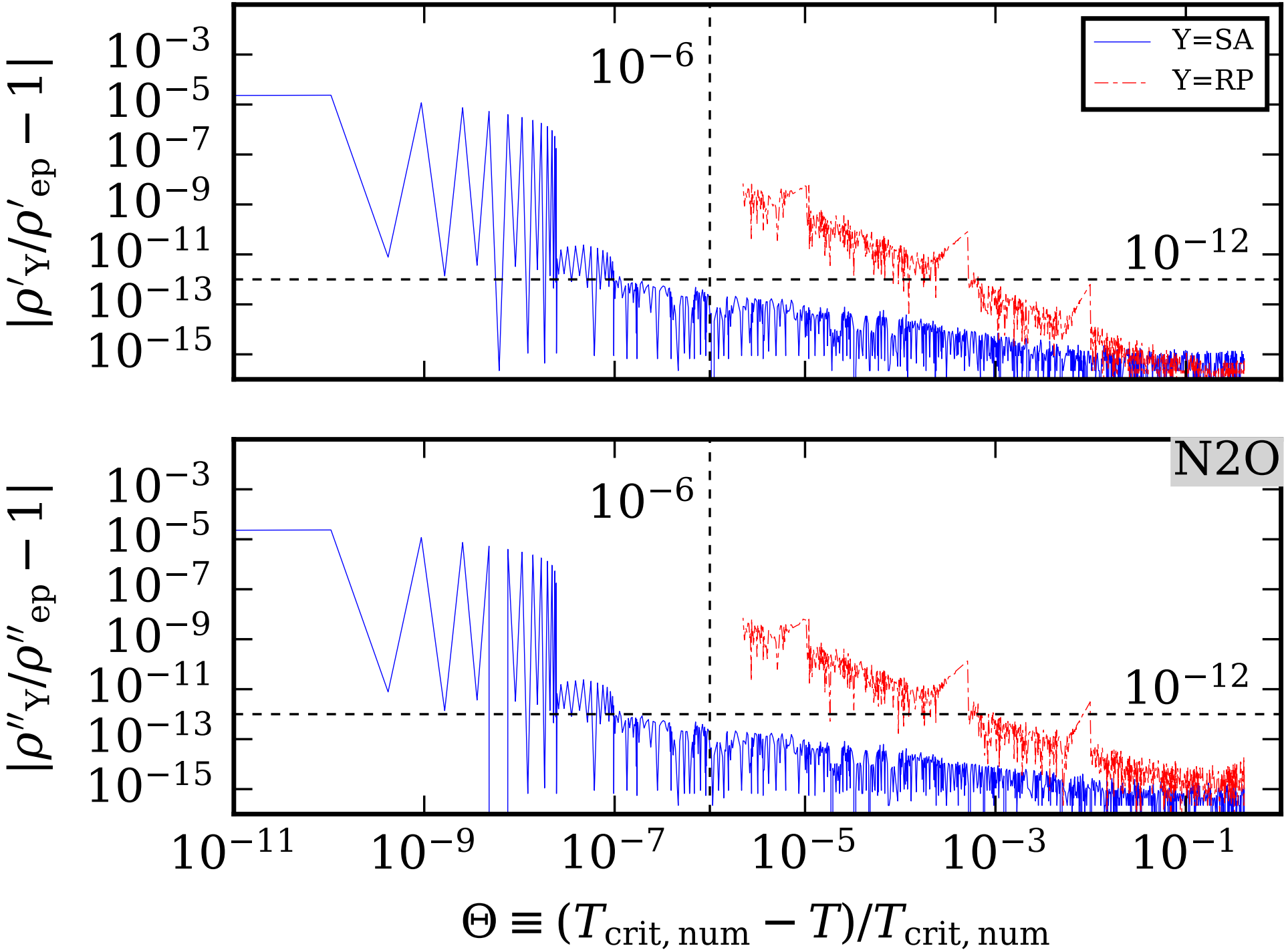

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
MM
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

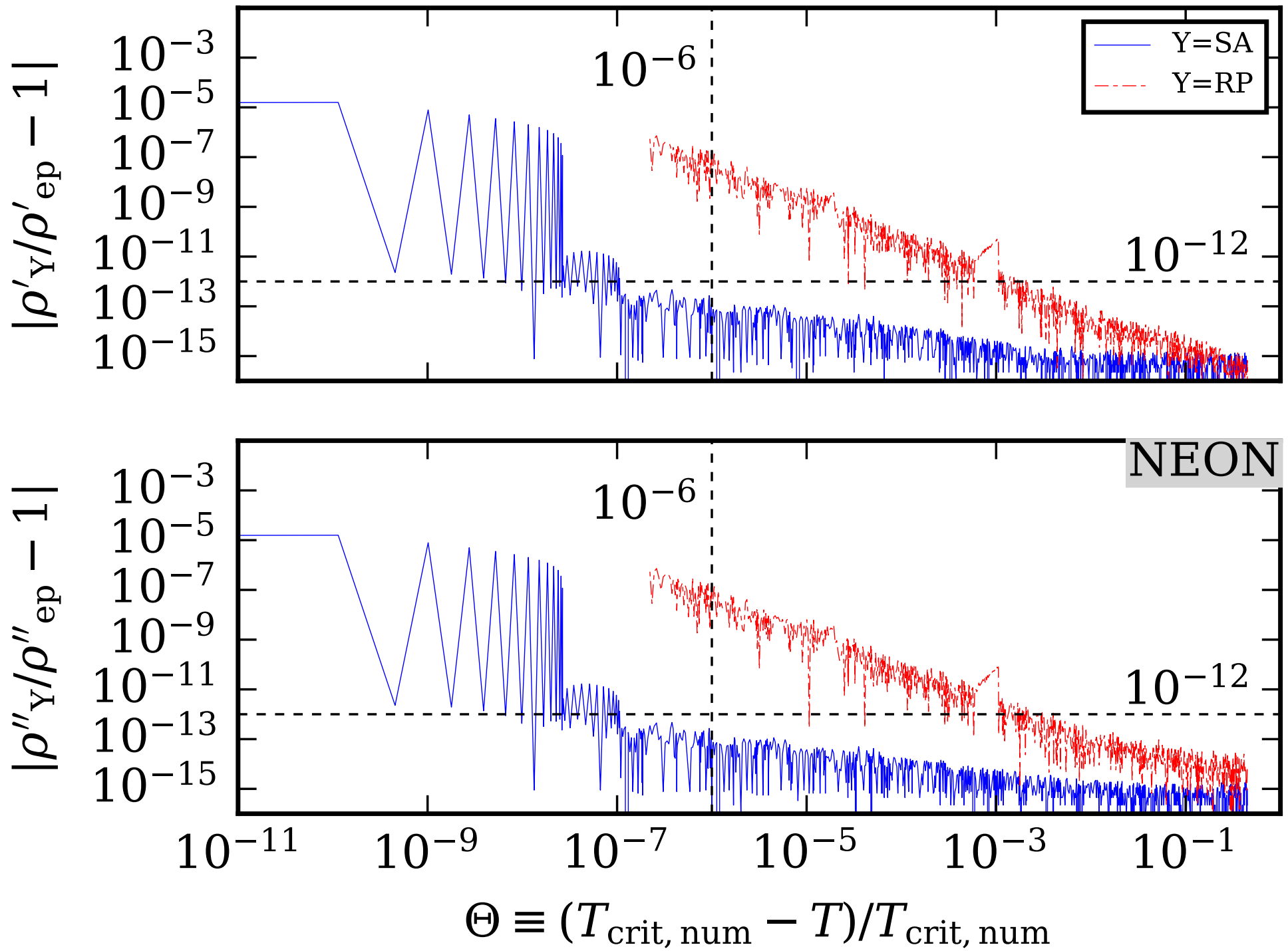

Y=SA
Y=RP
MOLEATE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

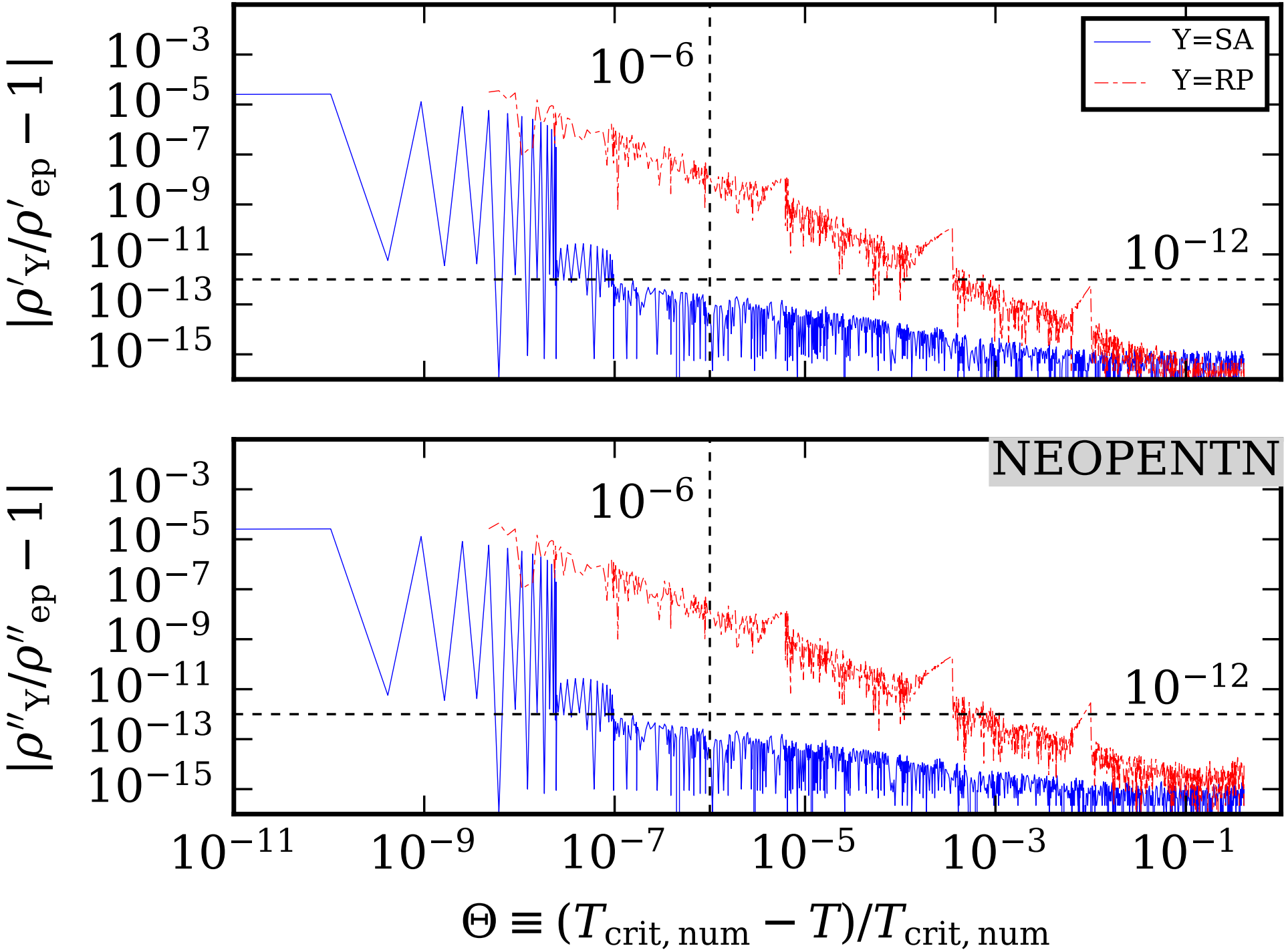

Y=SA
Y=RP
MPALMITA
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

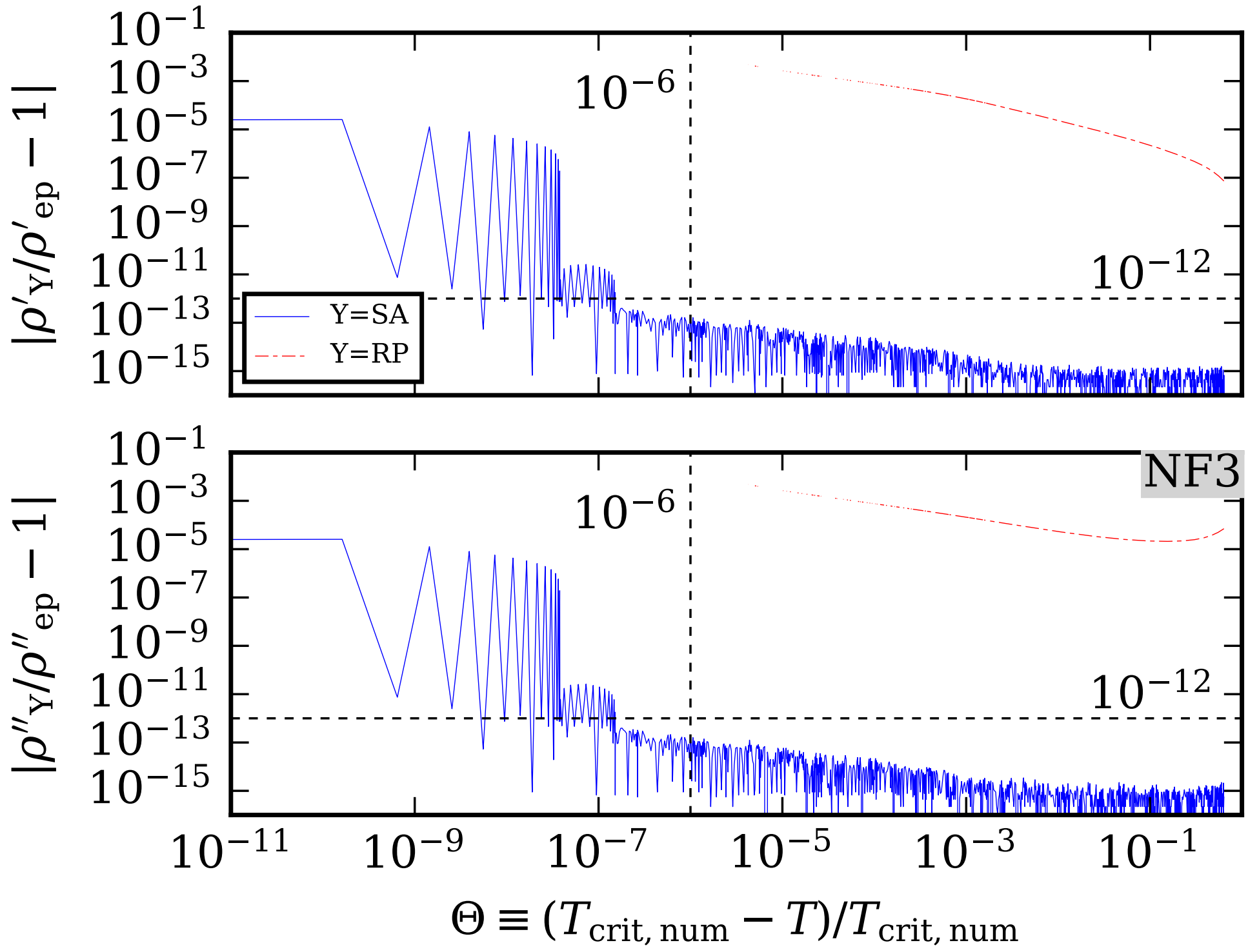

Y=SA
Y=RP
MSTEARAT
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

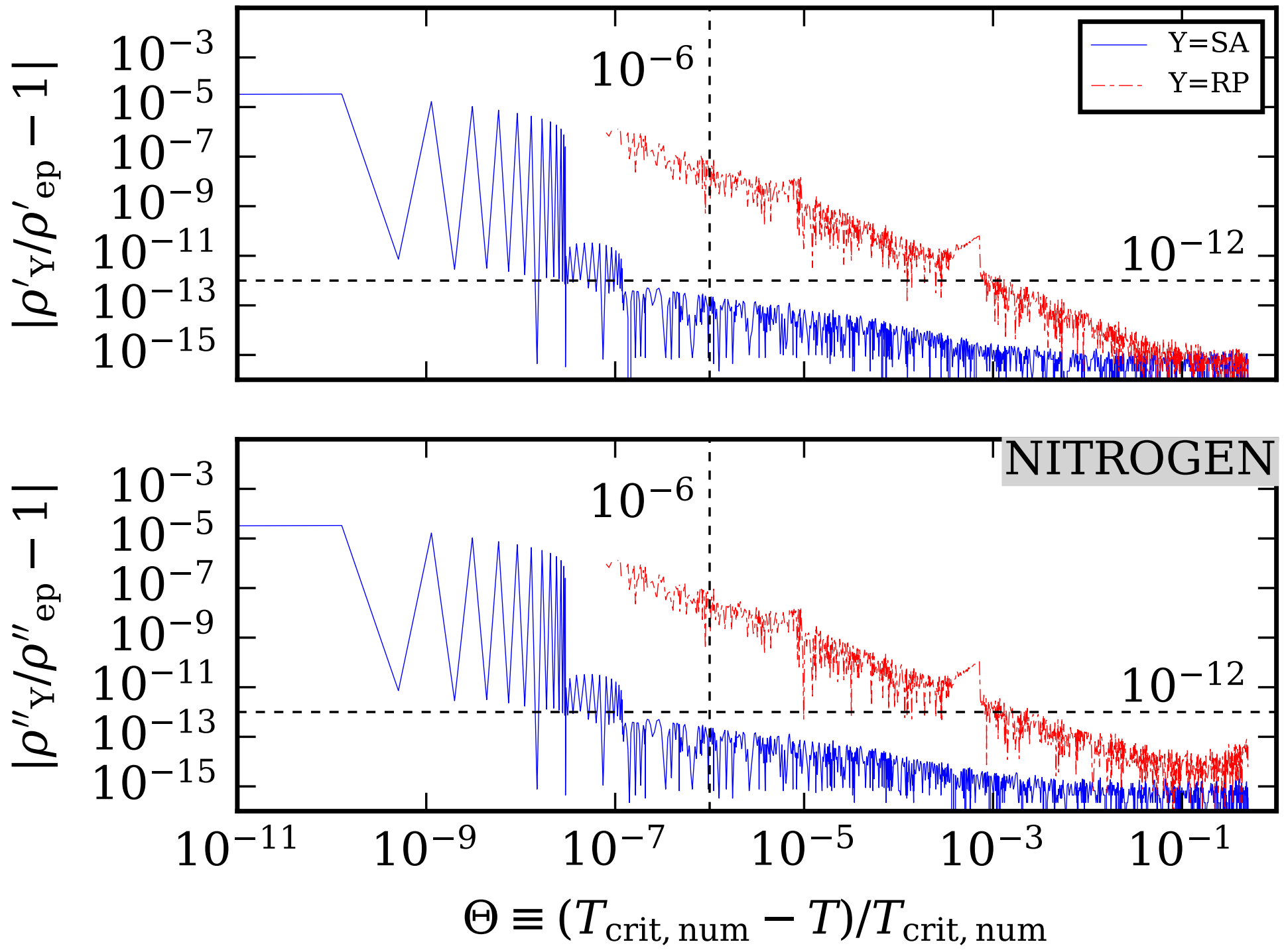

Y=SA
Y=RP
MXYLENE
10^{-2}
10^{-6}
10^{-10}
10^{-14}
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

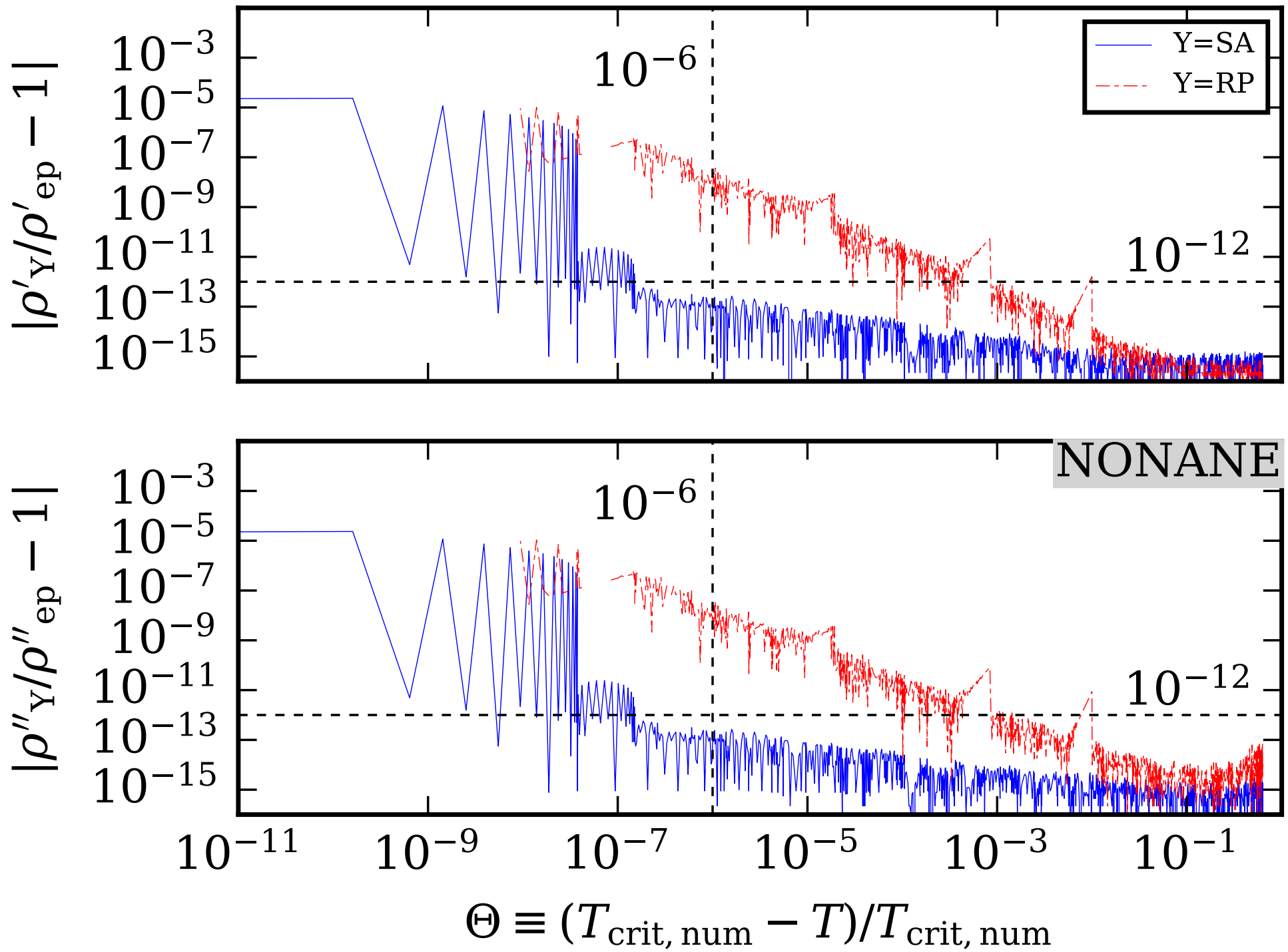

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
N2O
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

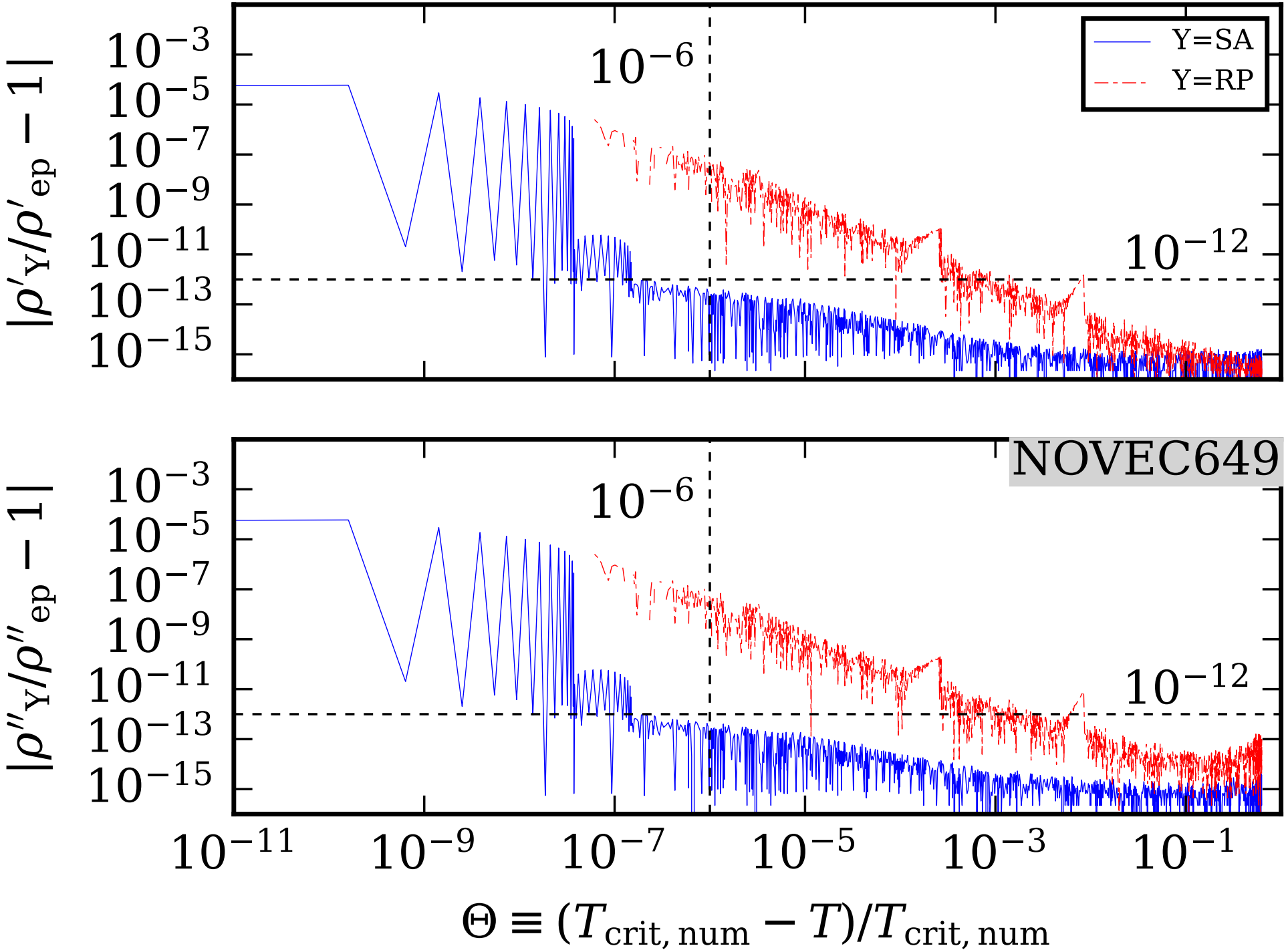

Y=SA
Y=RP
NEON
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

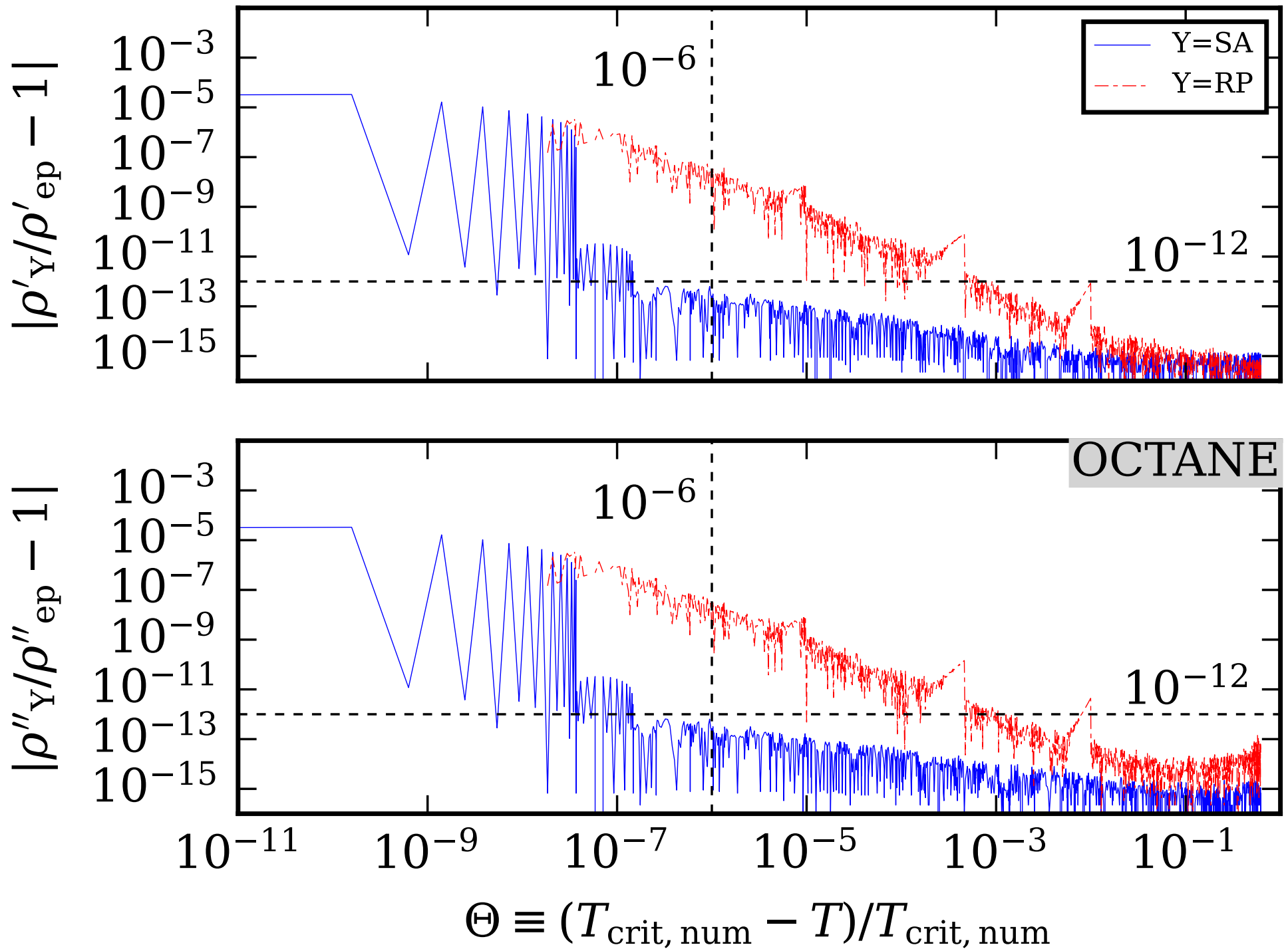

Y=SA
Y=RP
NEOPENTN
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

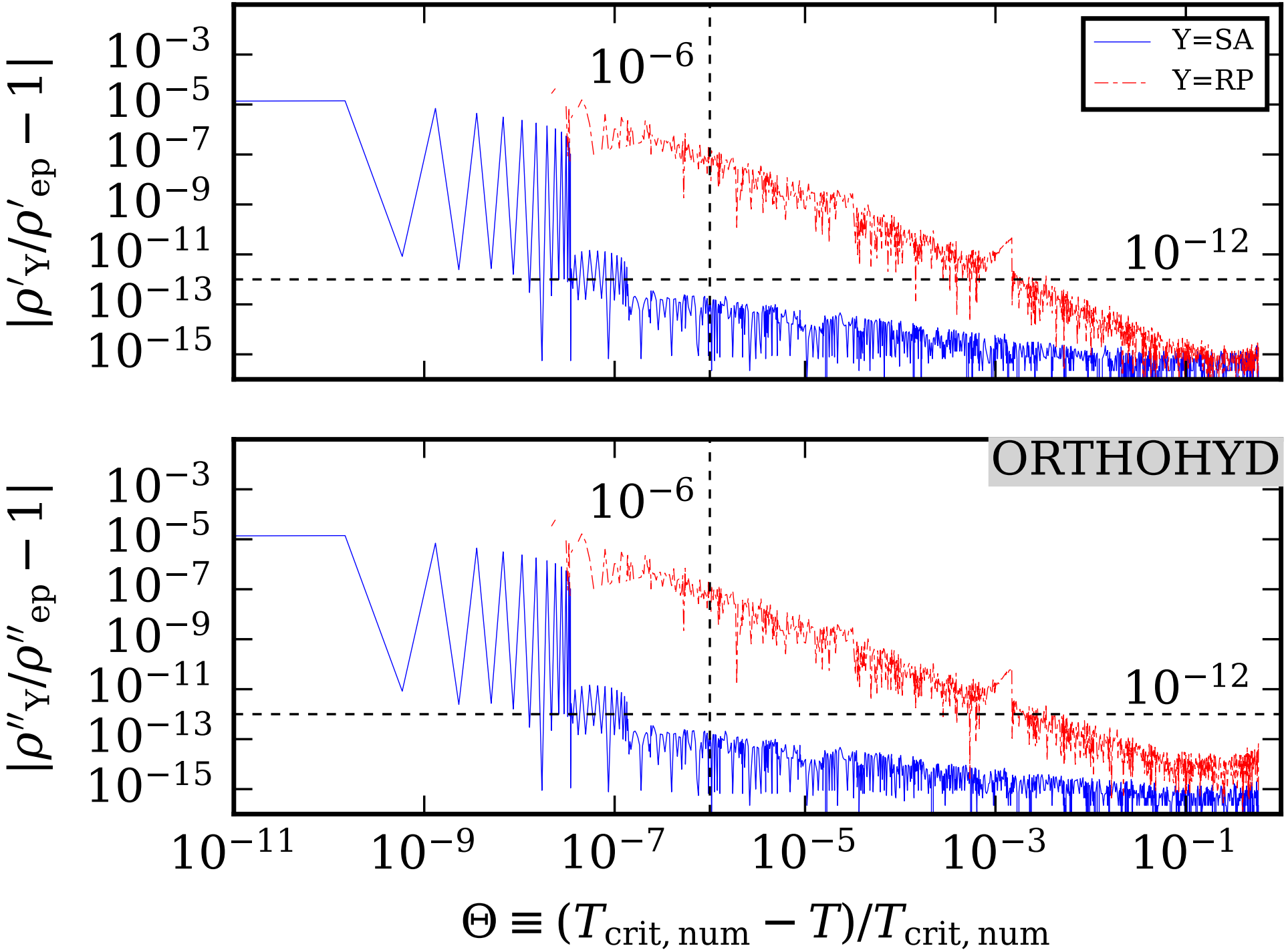

10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-6}
10^{-12}
Y=SA
Y=RP
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
NF3
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

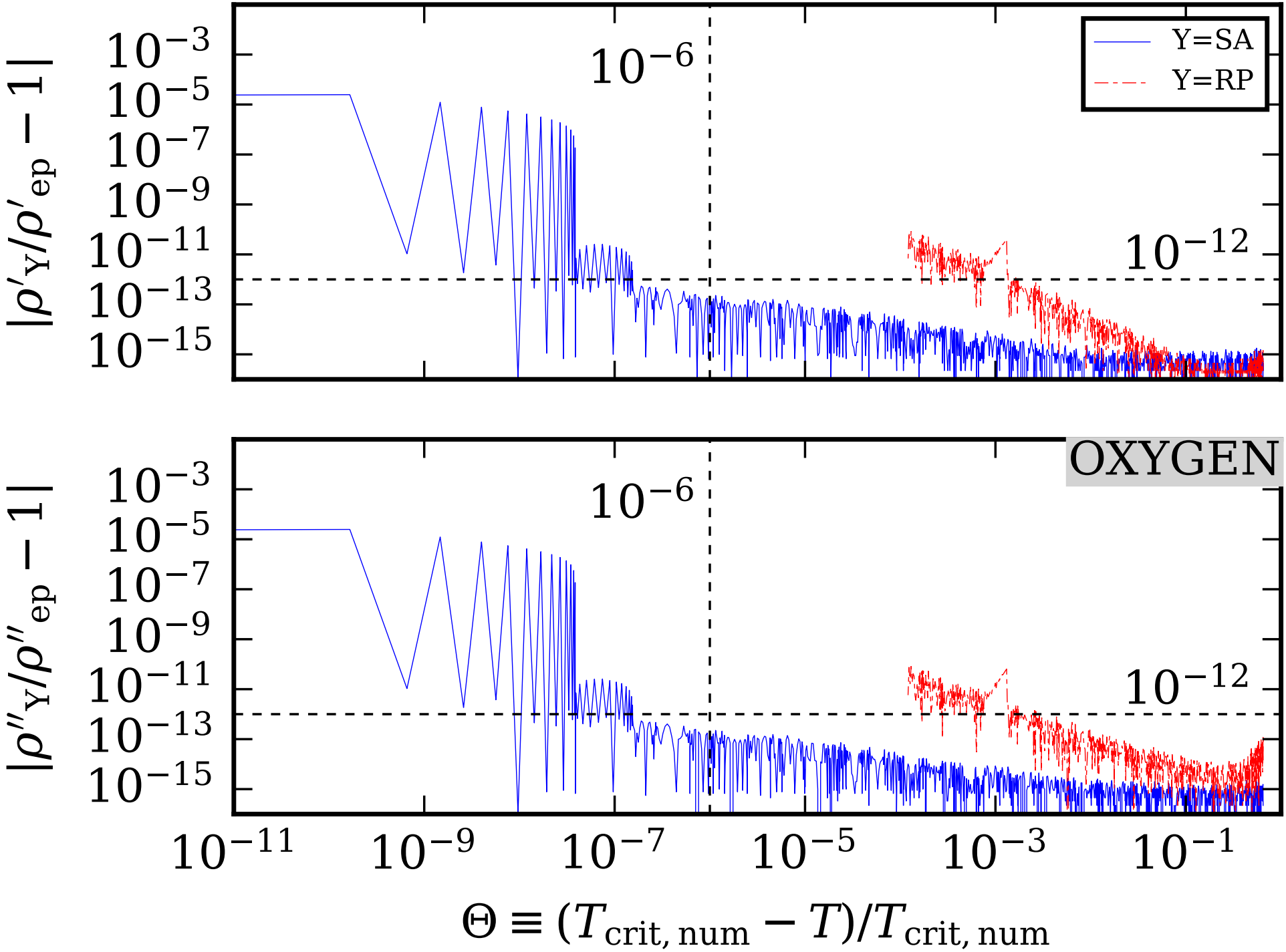

Y=SA
Y=RP
NITROGEN
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

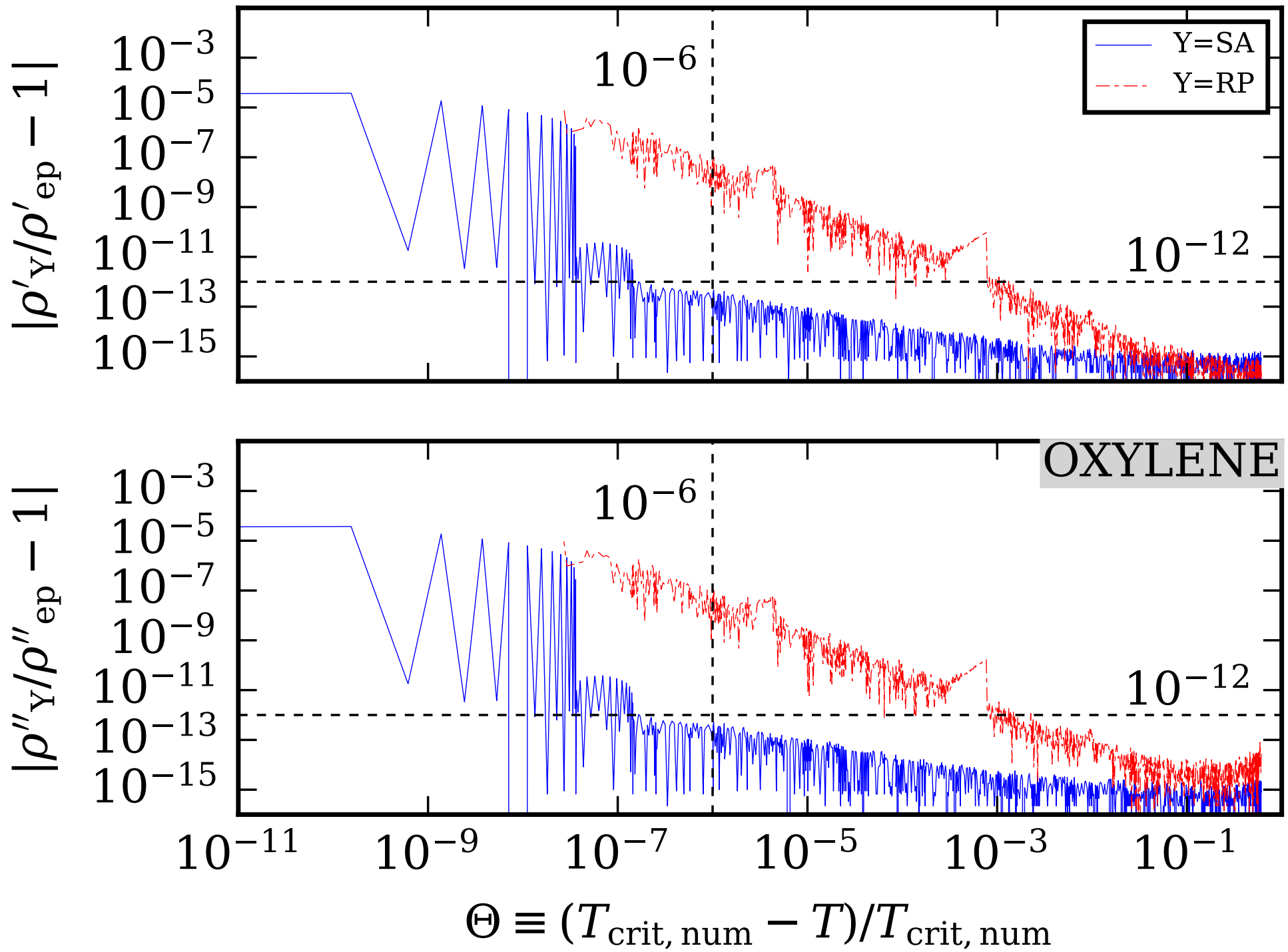

Y=SA
Y=RP
NONANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

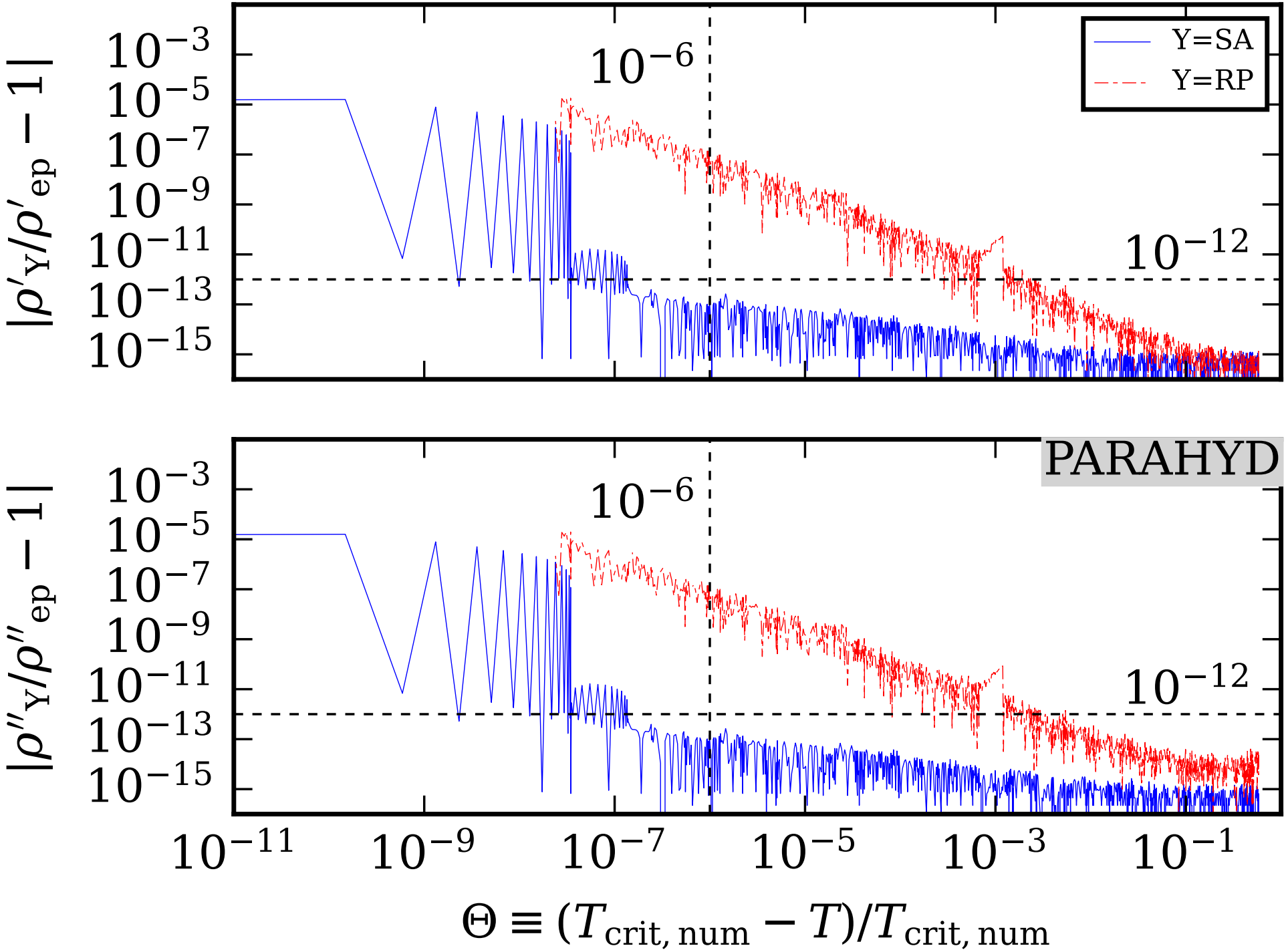

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
NOVEC649
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

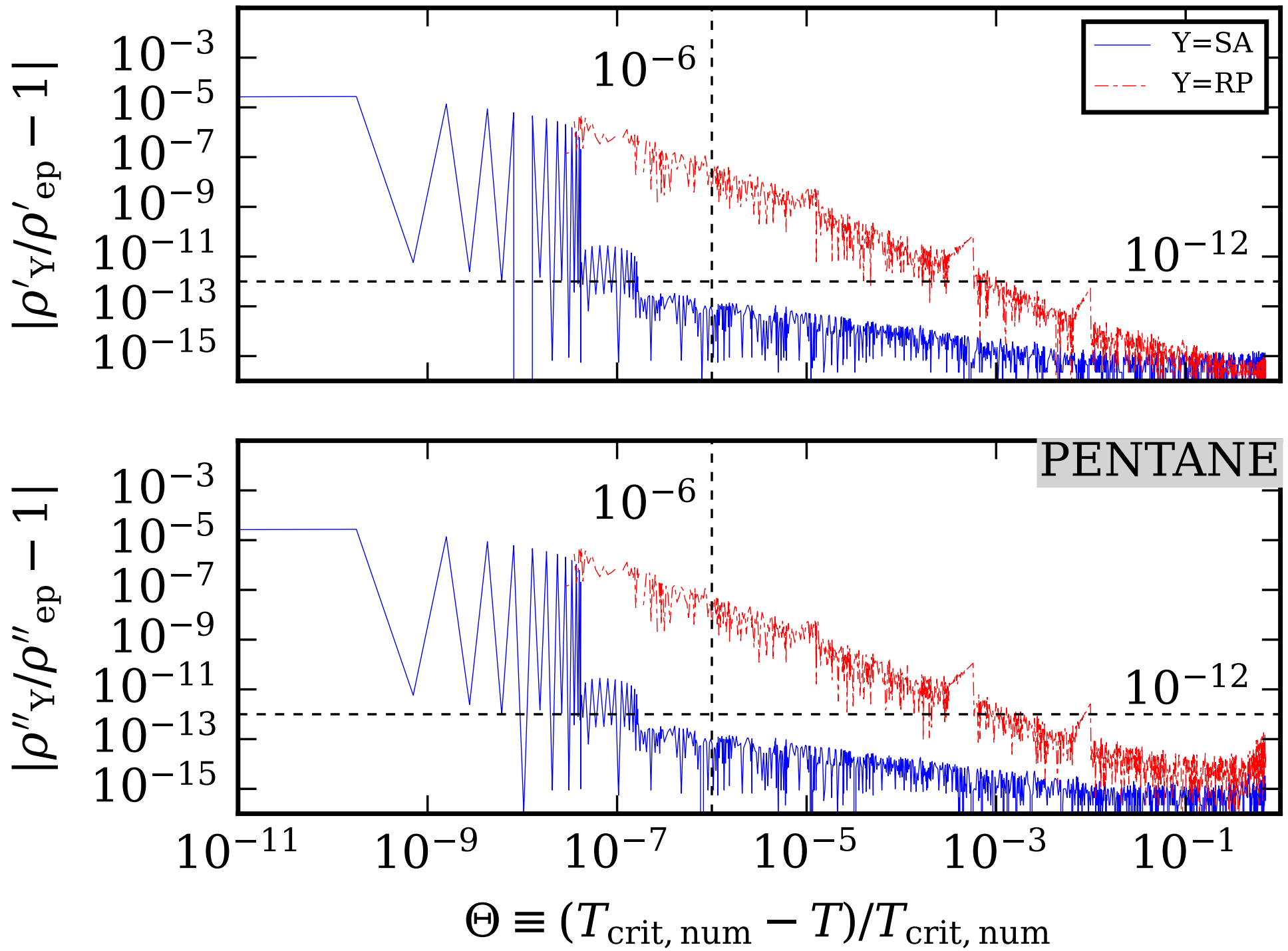

Y=SA
Y=RP
OCTANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

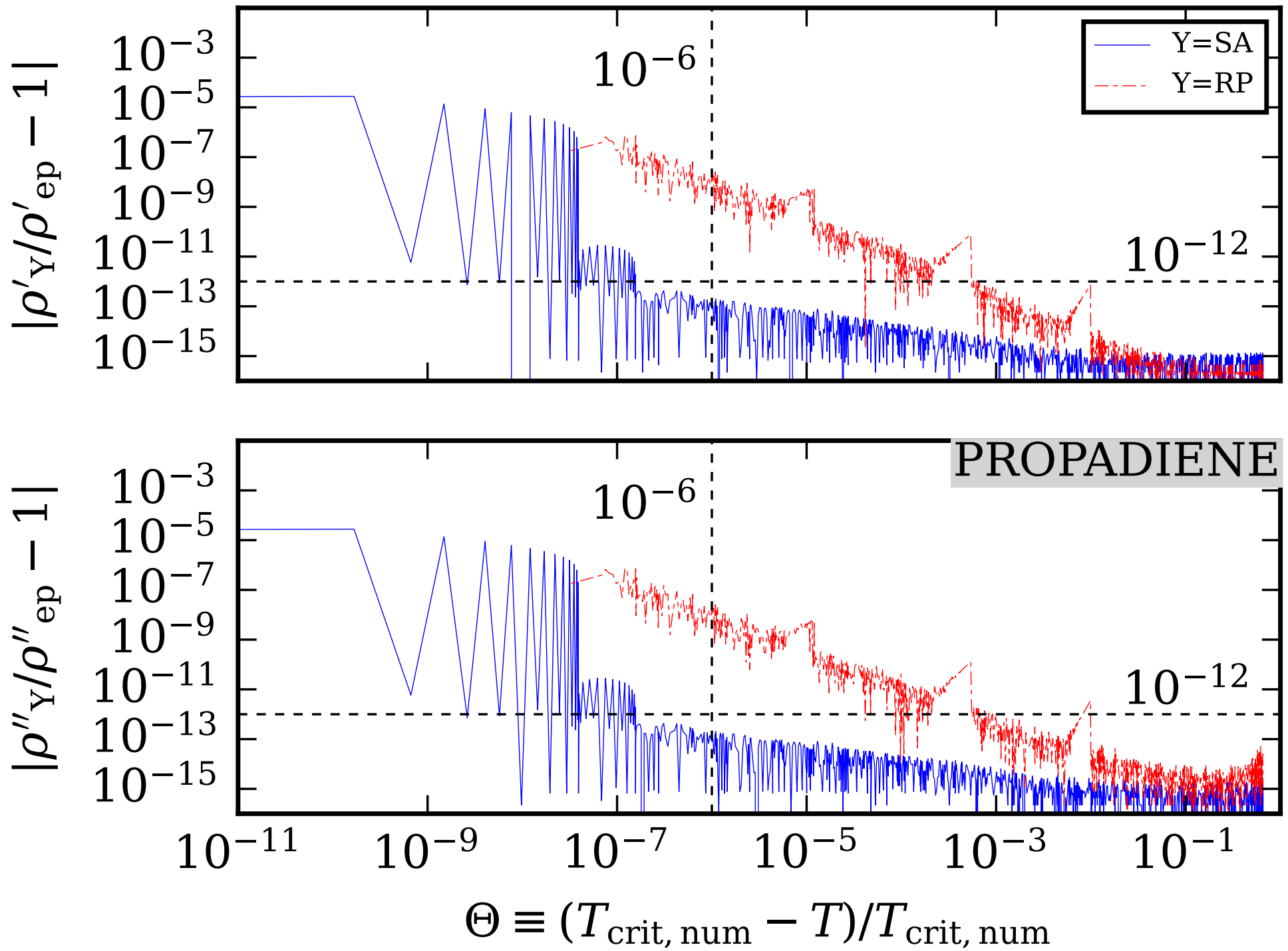

Y=SA
Y=RP
ORTHOHYD
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

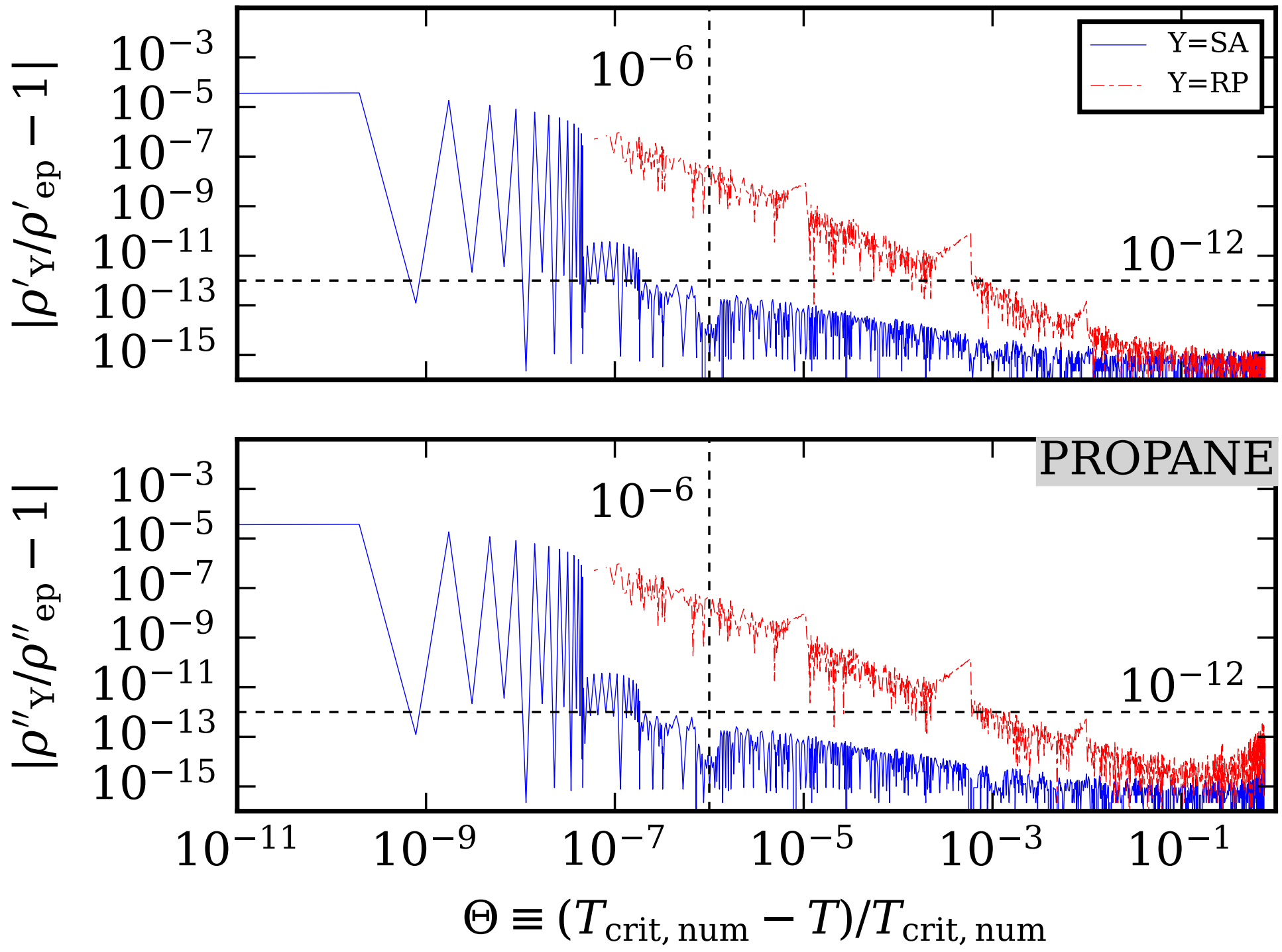

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
OXYGEN
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

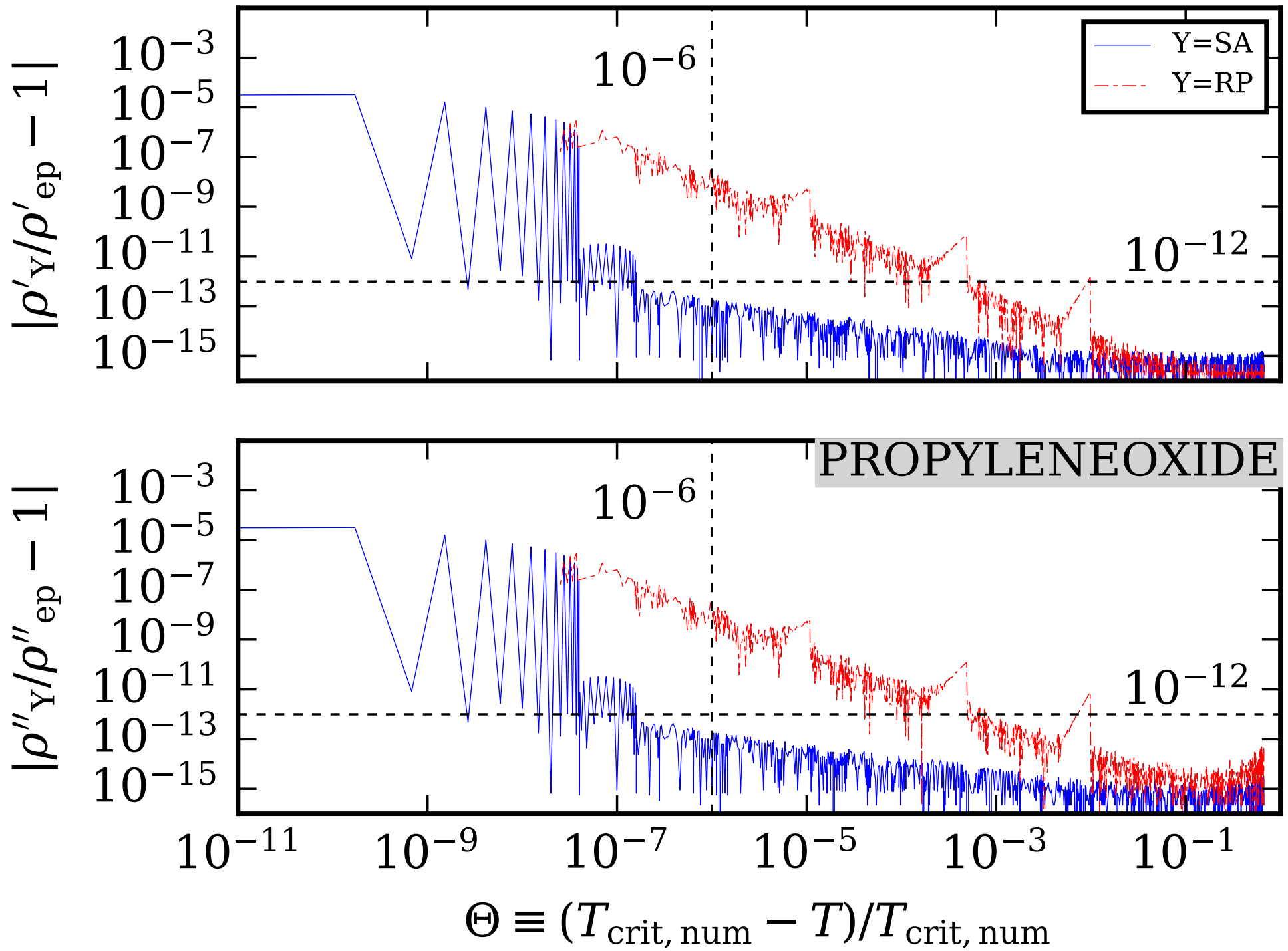

Y=SA
Y=RP
OXYLENE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

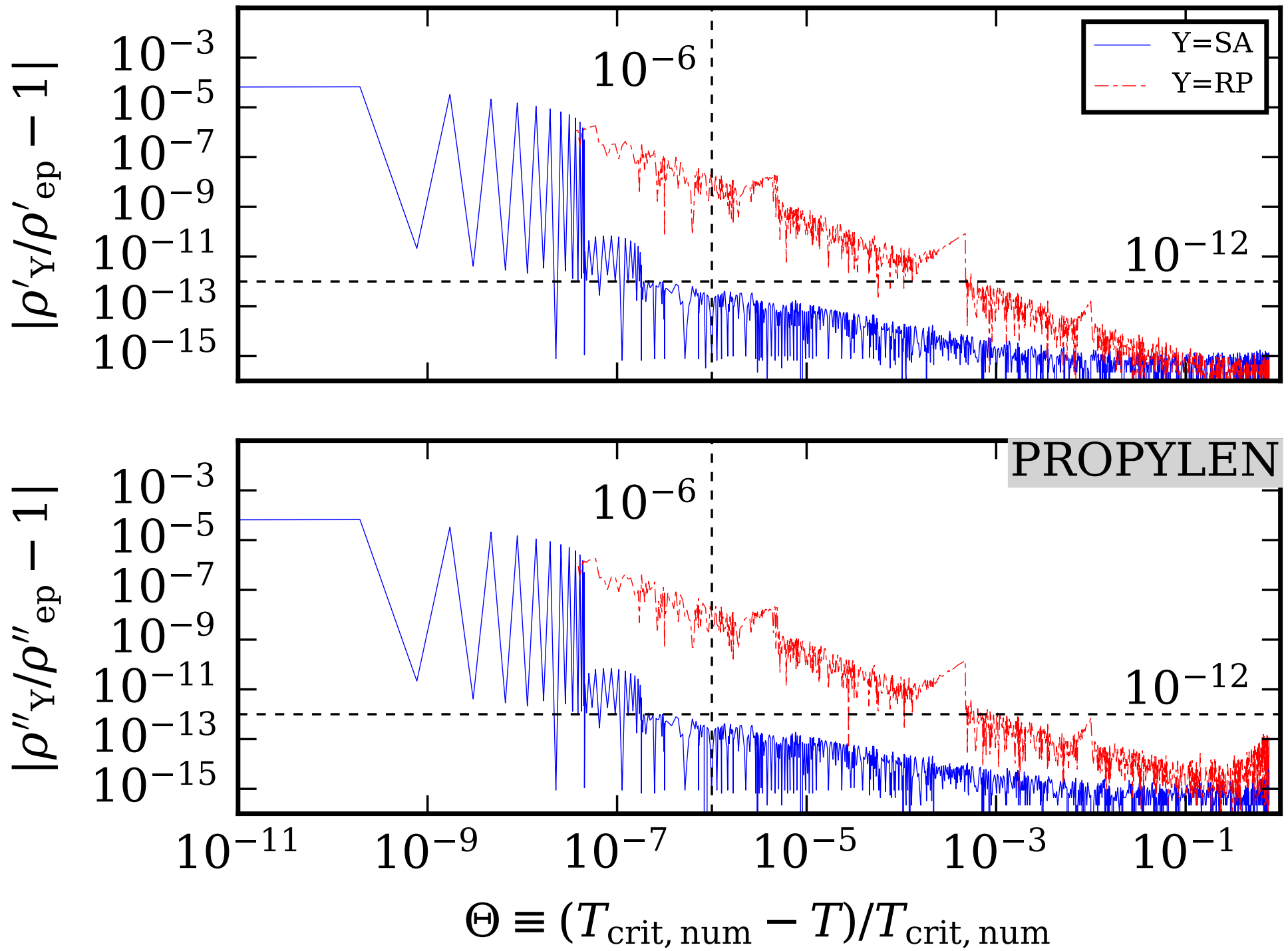

Y=SA
Y=RP
PARAHYD
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

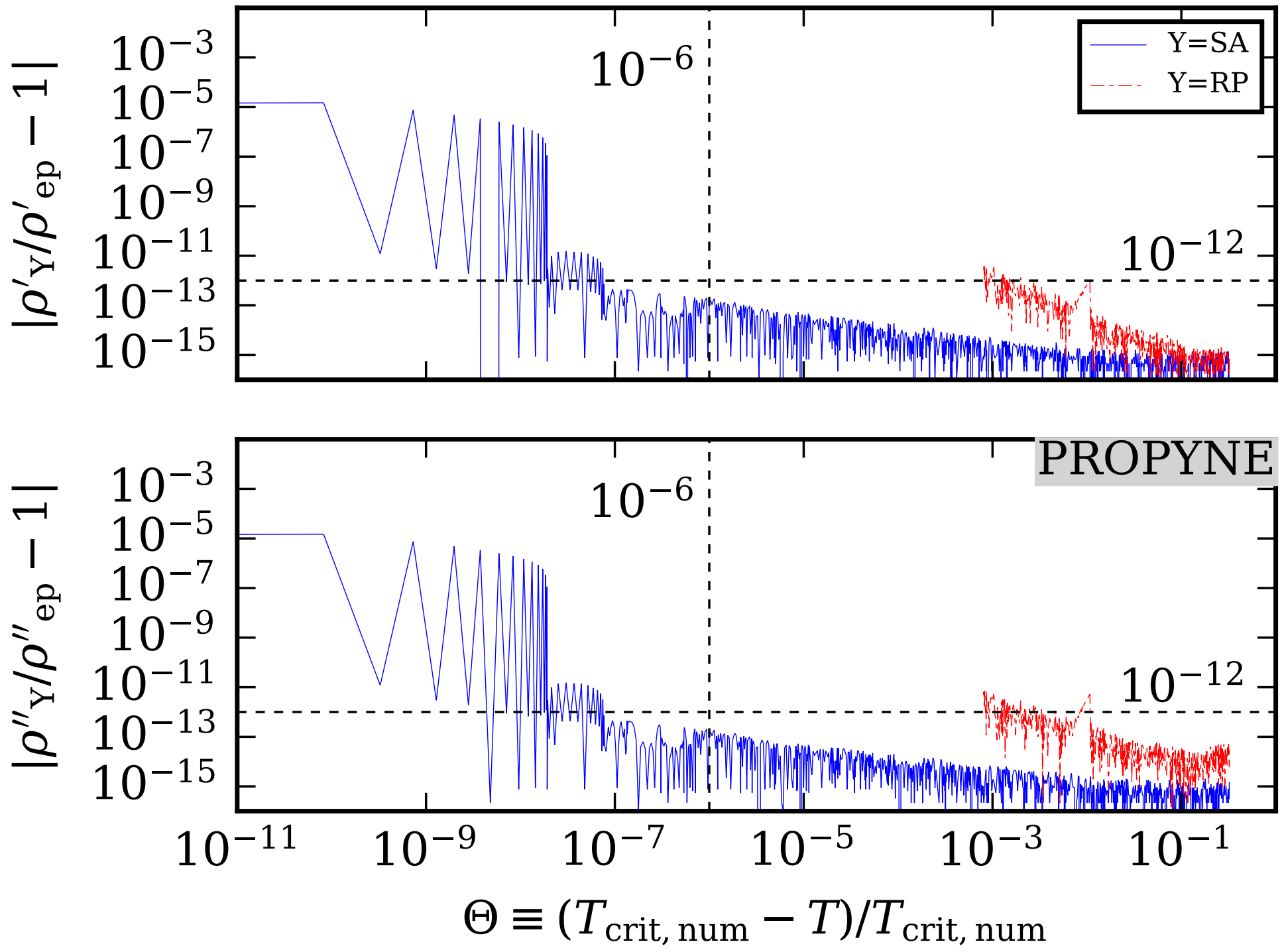

Y=SA
Y=RP
PENTANE
10^{-6}
10^{-12}
$|\rho'_Y/\rho'_{ep} - 1|$
$|\rho''_Y/\rho''_{ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

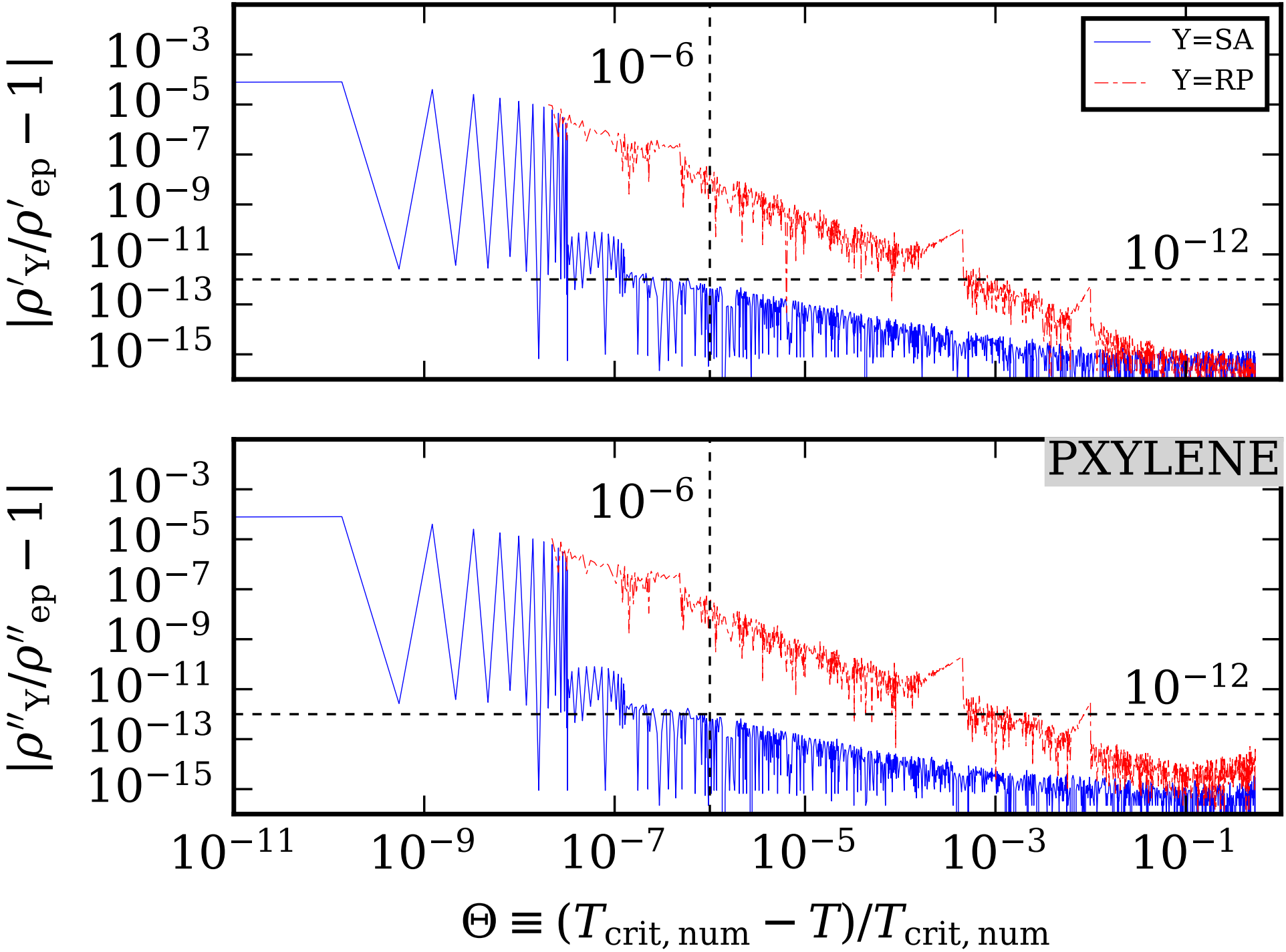

Y=SA
Y=RP
PROPADIENE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

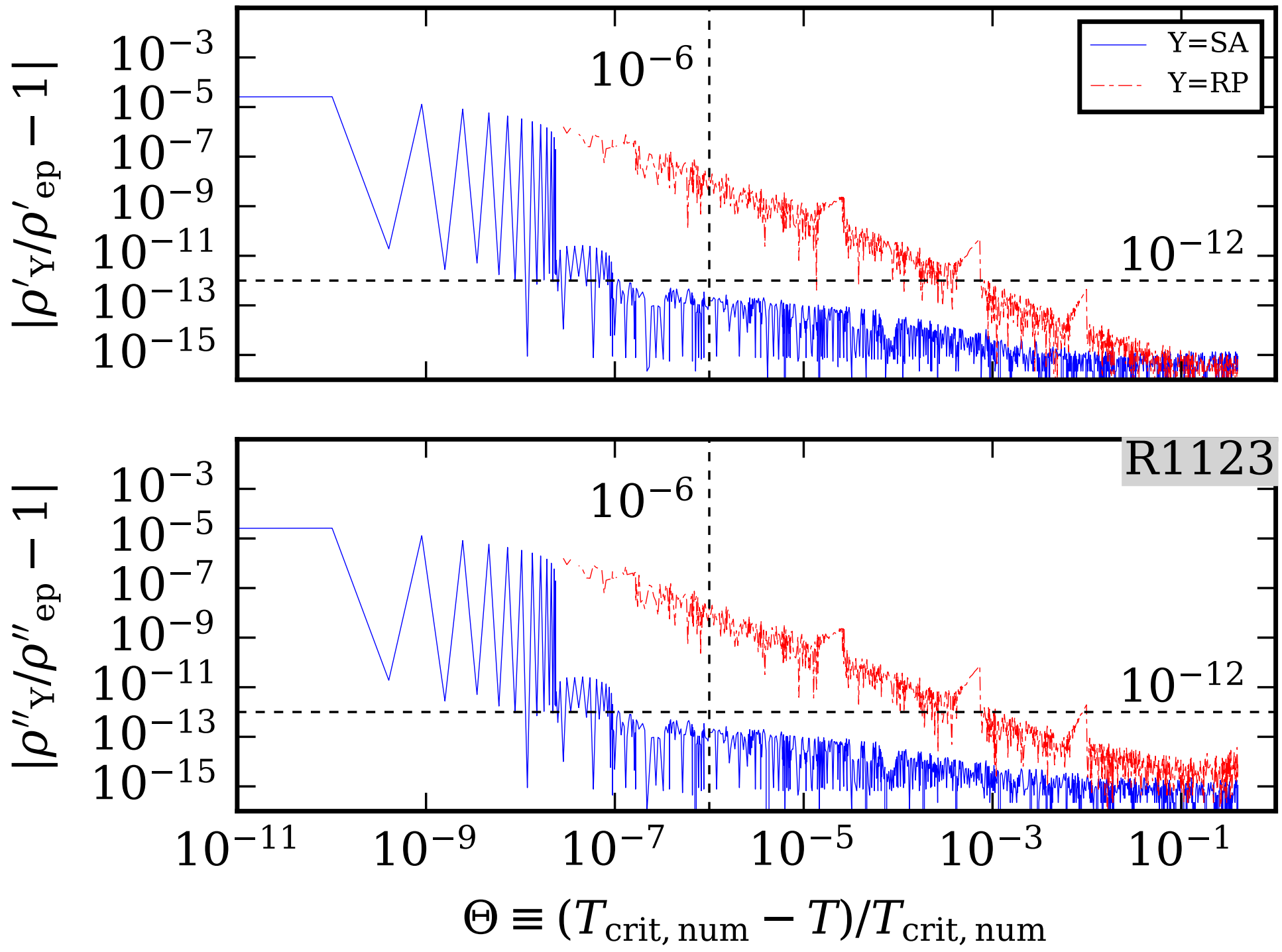

Y=SA
Y=RP
PROPANE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

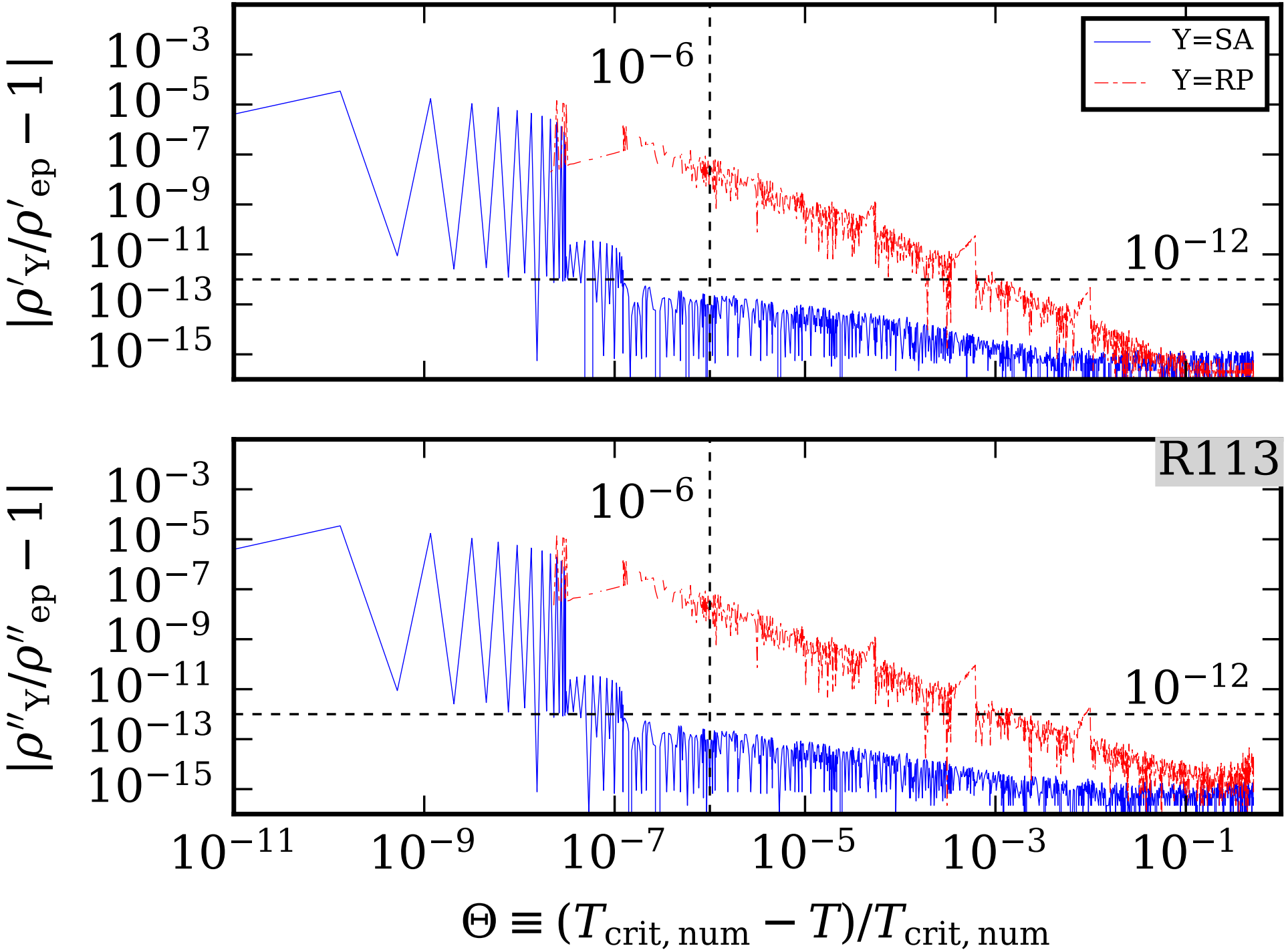

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
PROPYLENEOXIDE
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

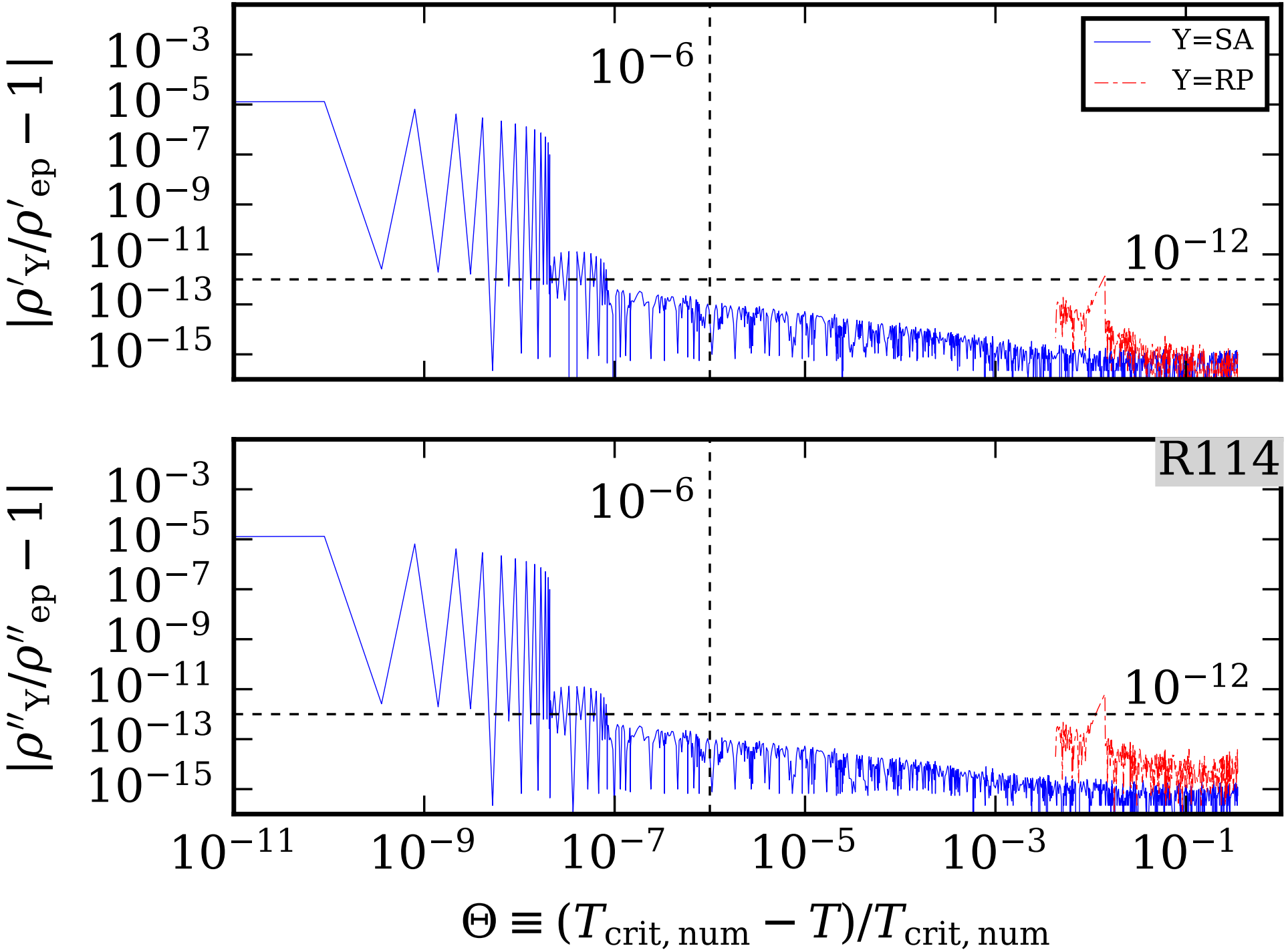

Y=SA
Y=RP
PROPYLEN
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

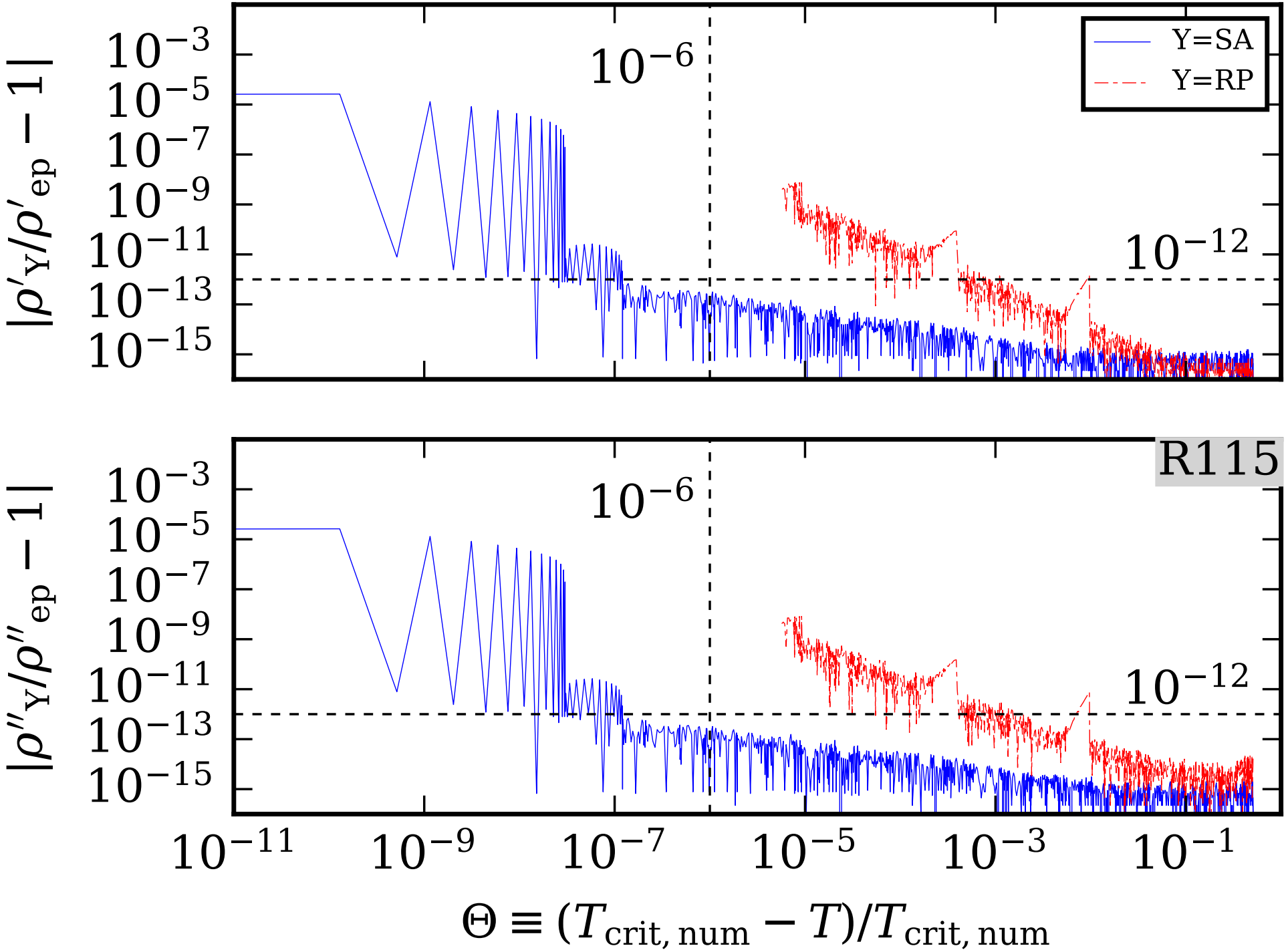

Y=SA
Y=RP
PROPYNE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

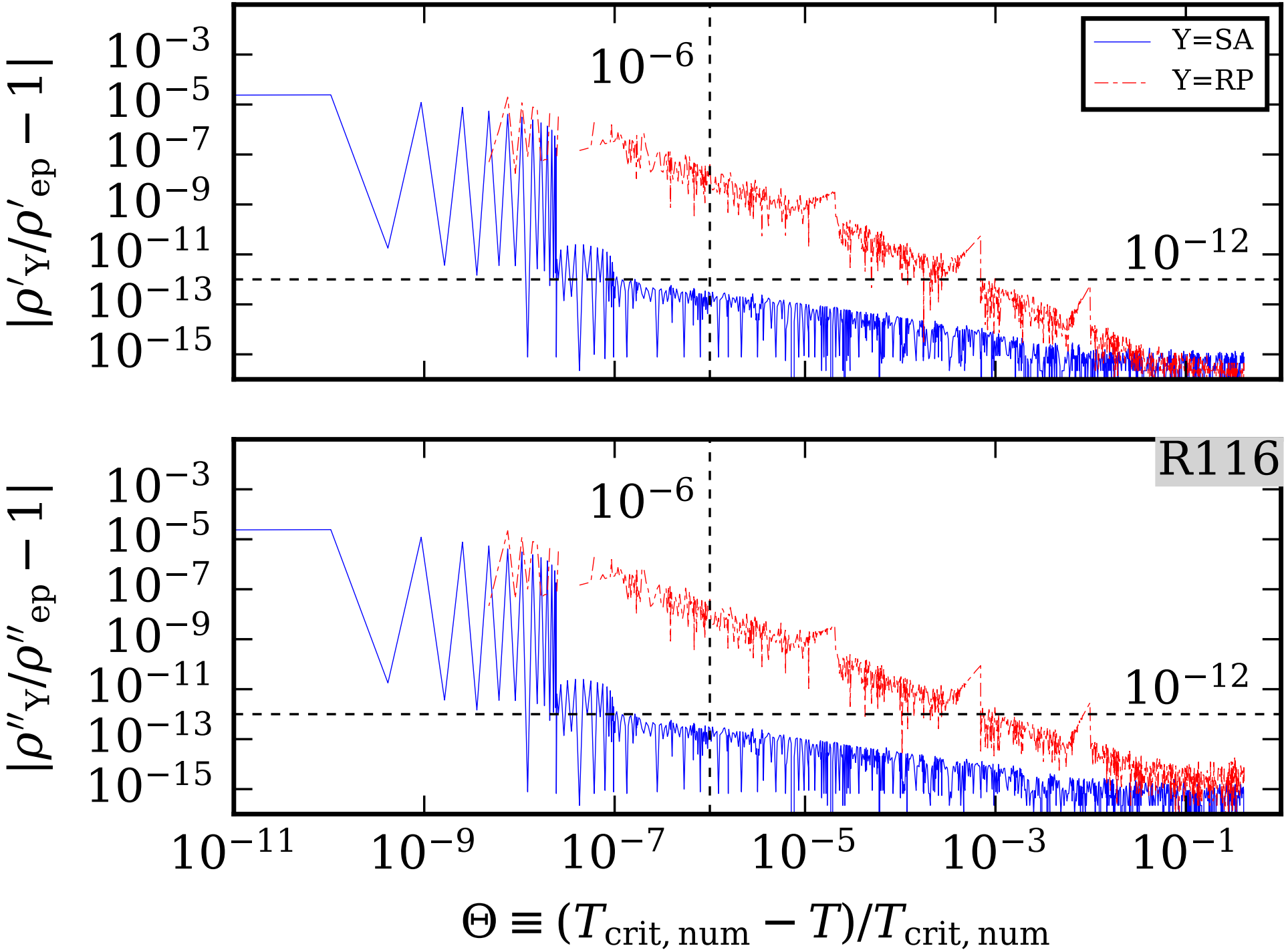

Y=SA
Y=RP
PXYLENE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

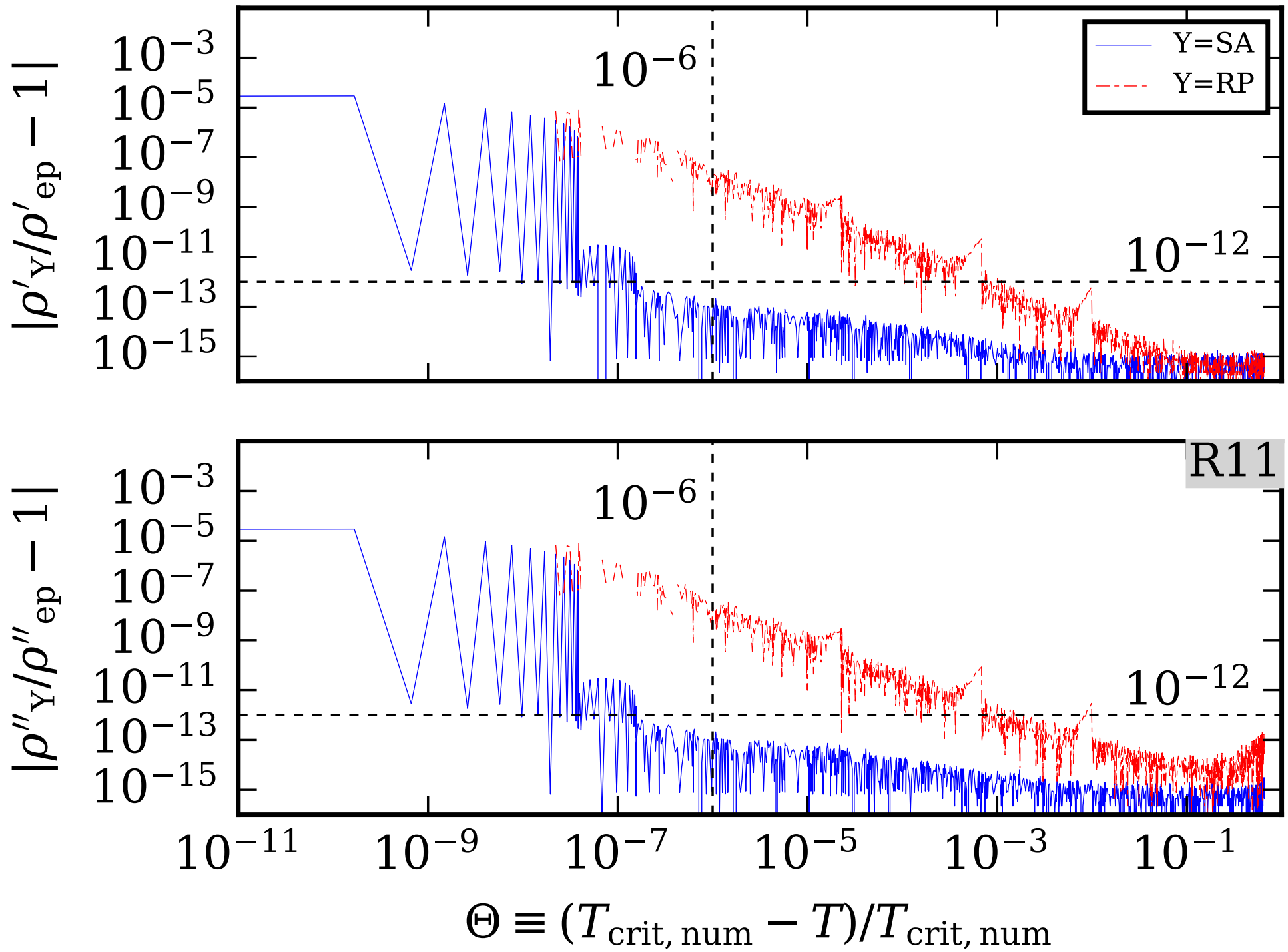

Y=SA
Y=RP
R1123
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

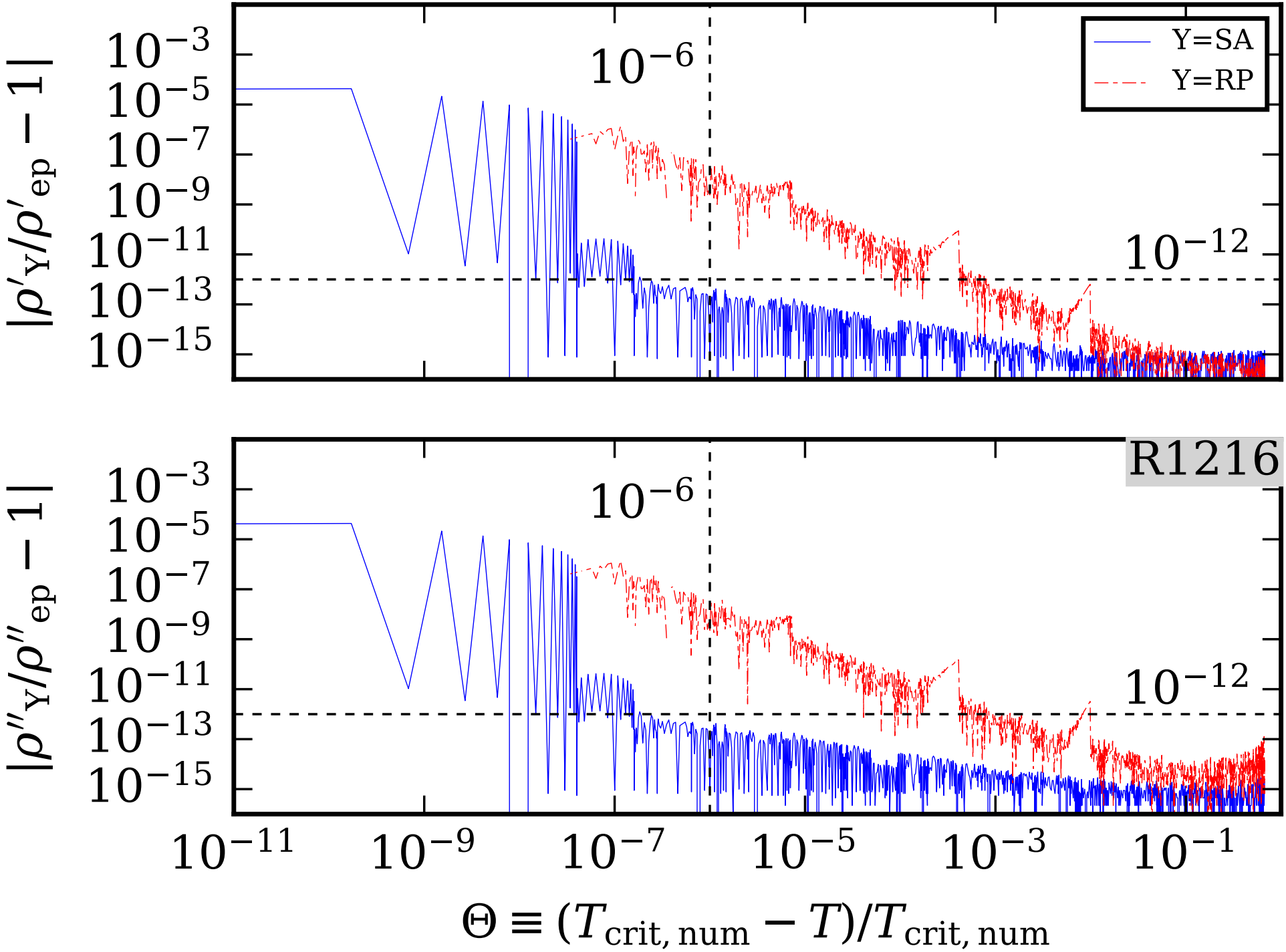

Y=SA
Y=RP
R113
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

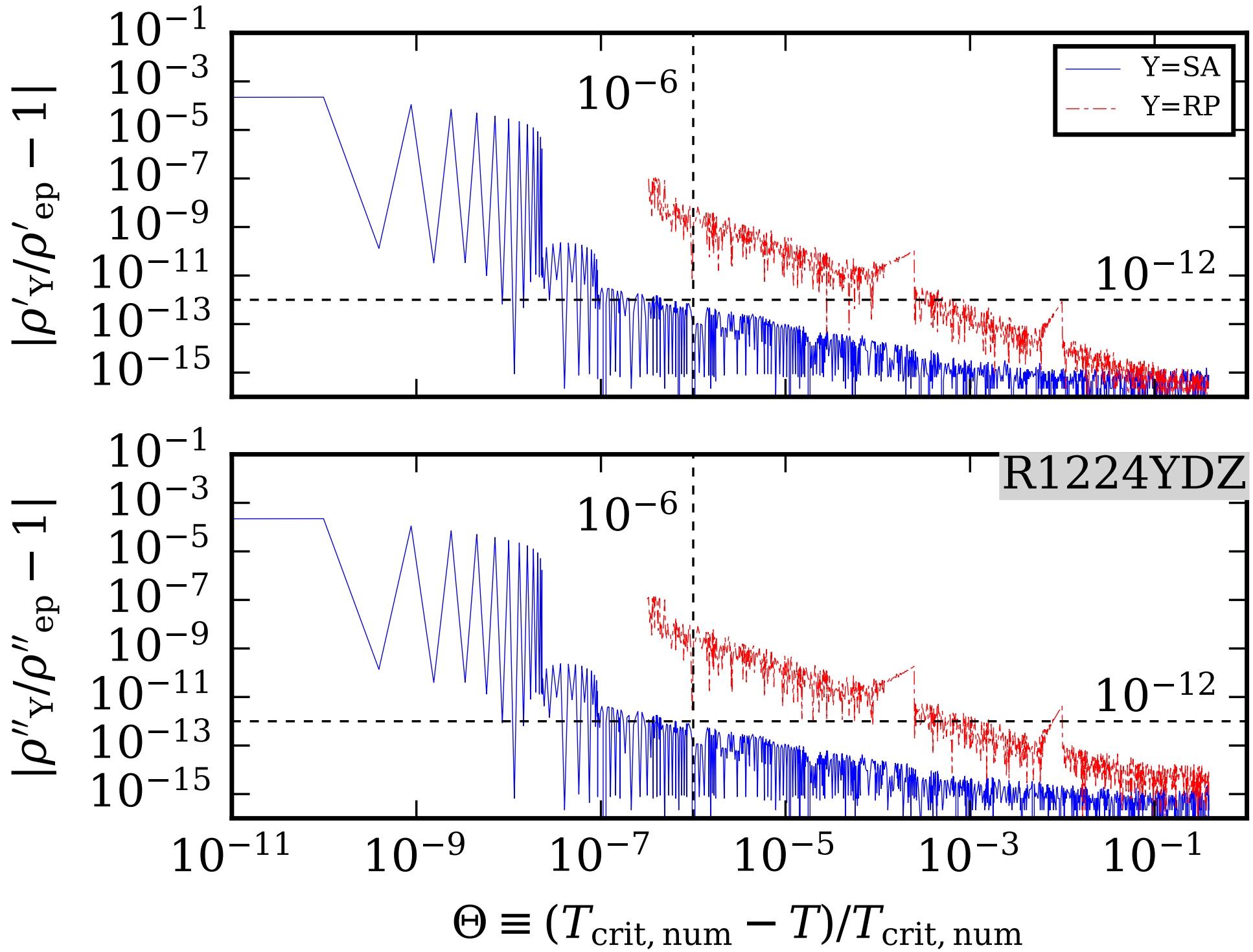

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
R114
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

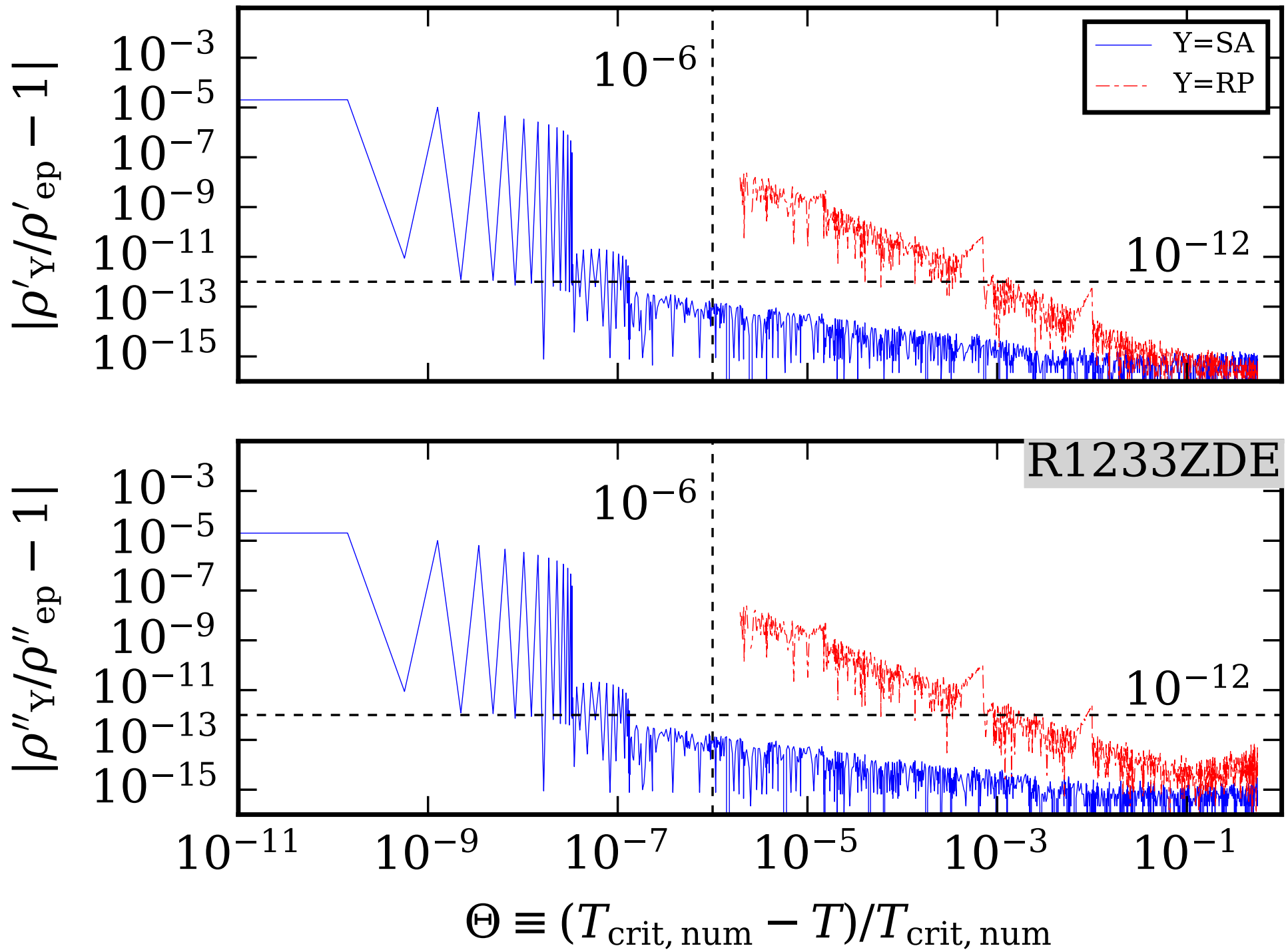

Y=SA
Y=RP
R115
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

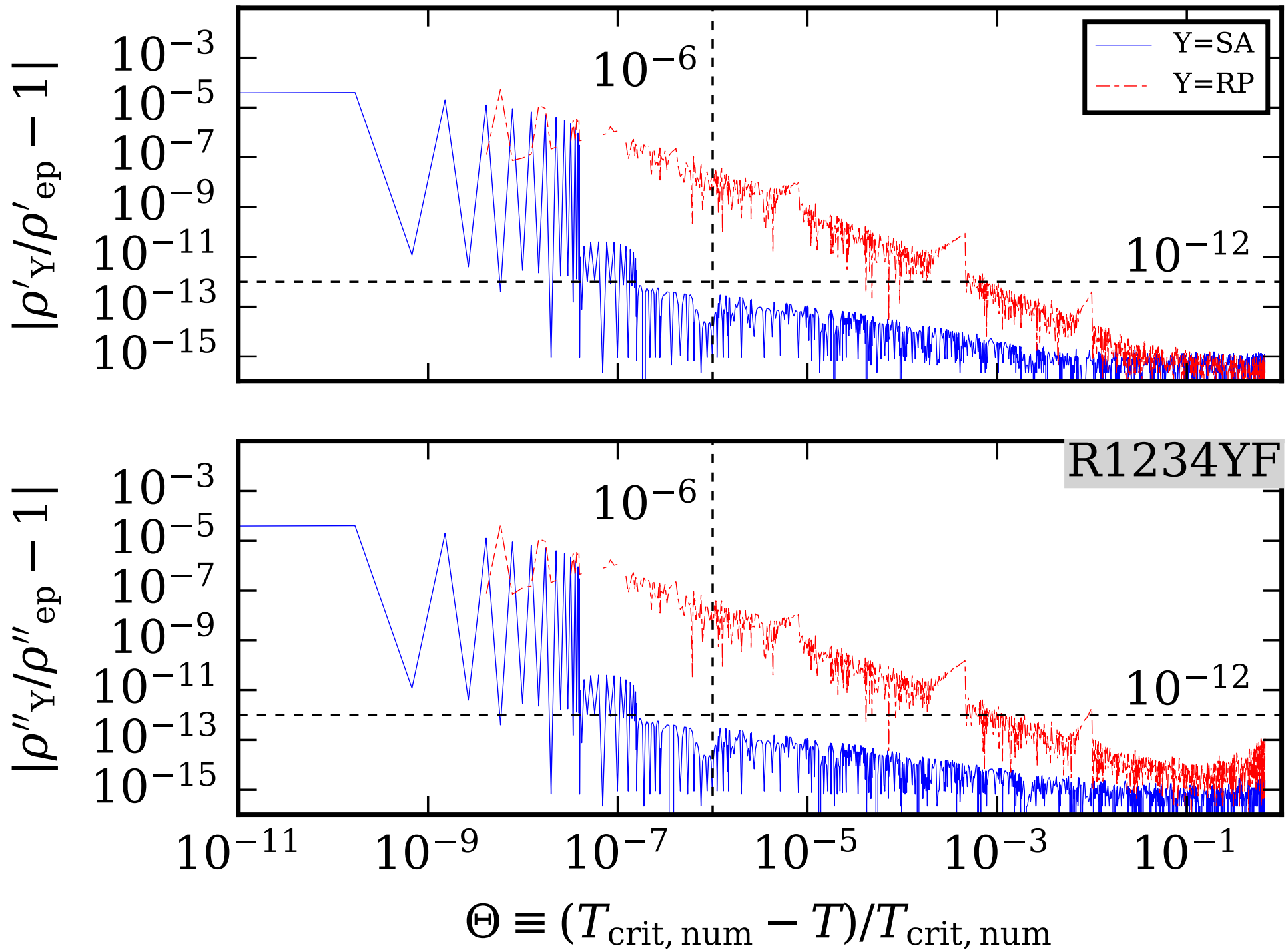

Y=SA
Y=RP
R116
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

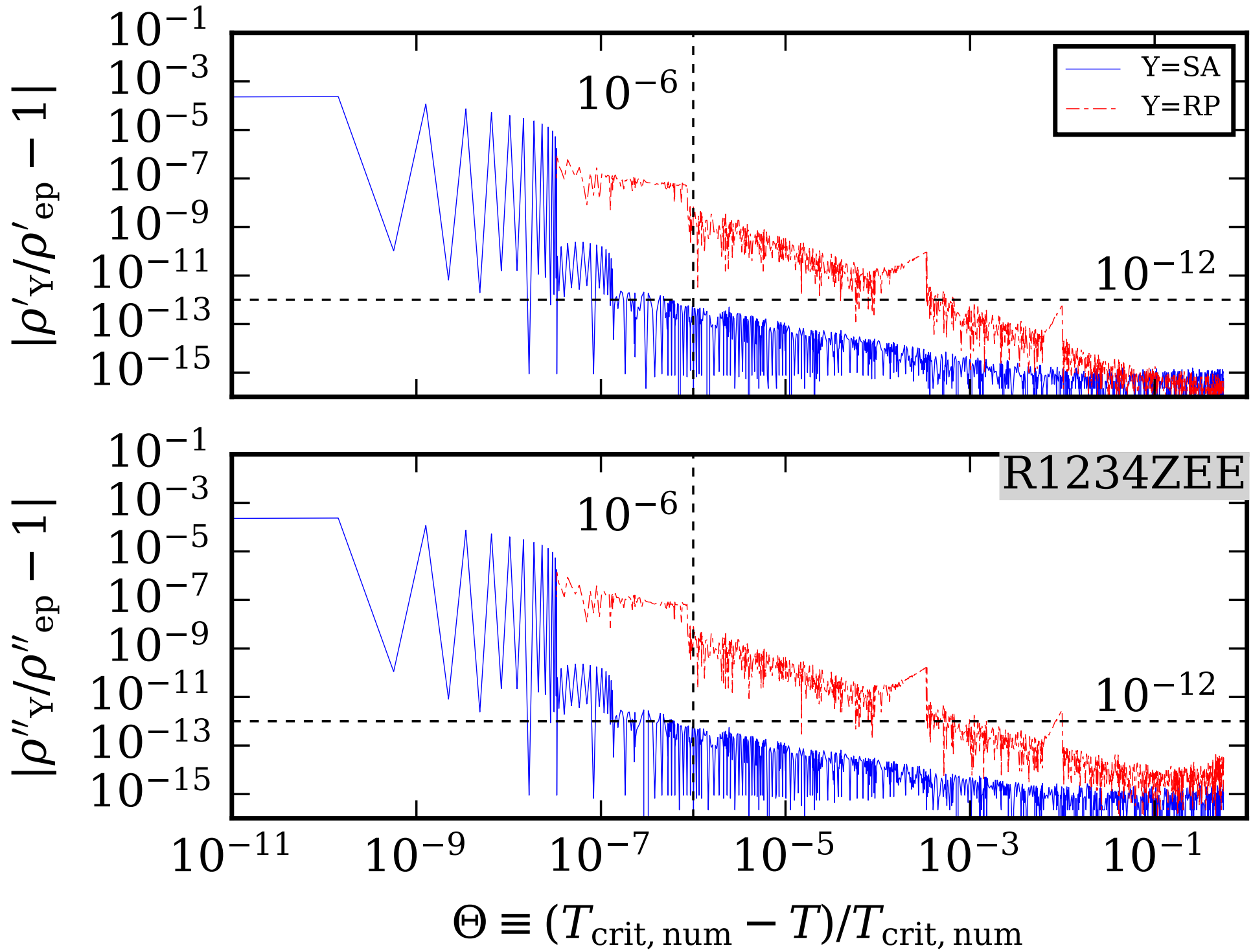

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
R11
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

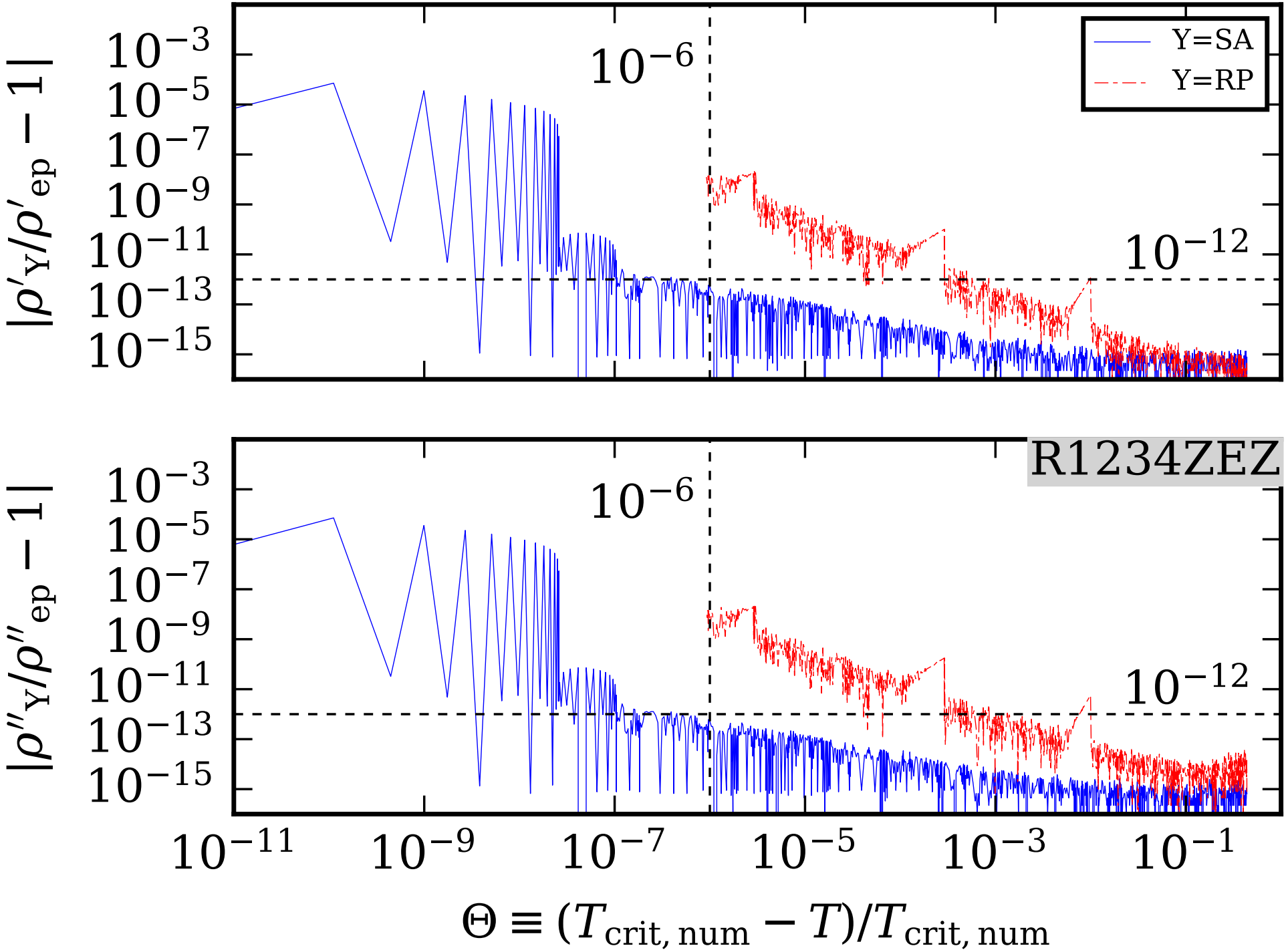

Y=SA
Y=RP
R1216
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

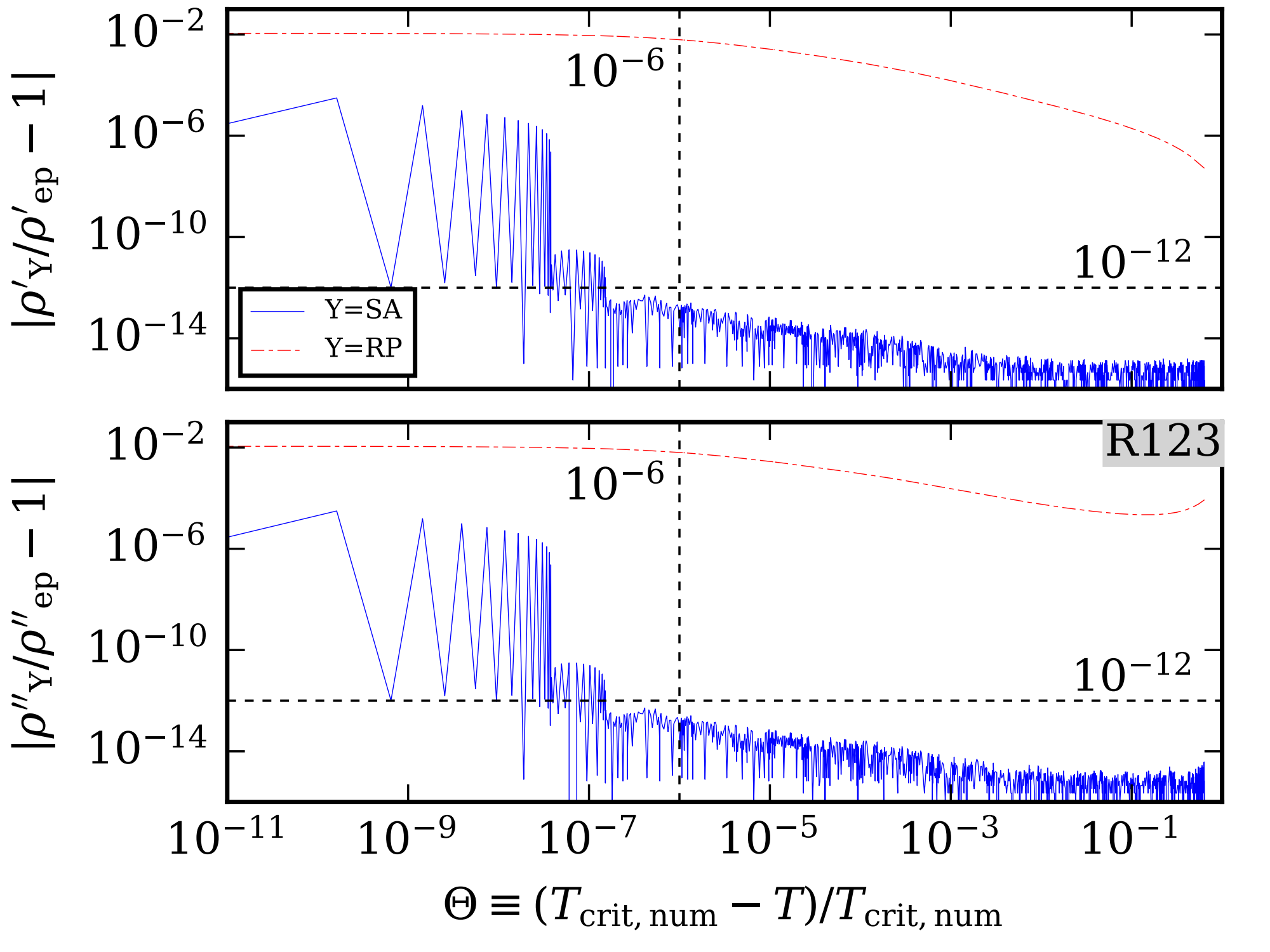

Y=SA
Y=RP
R1224YDZ
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

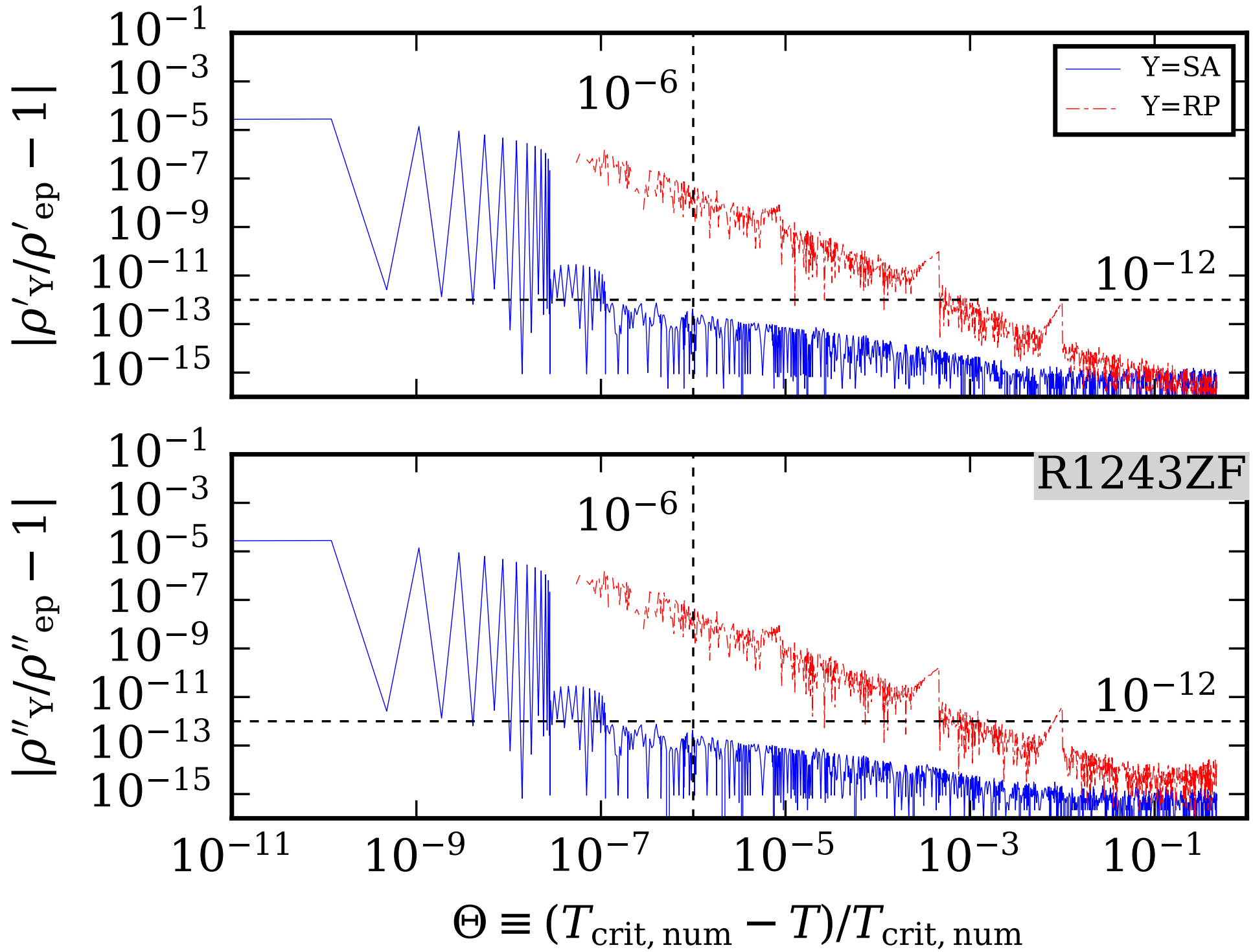

Y=SA
Y=RP
R1233ZDE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

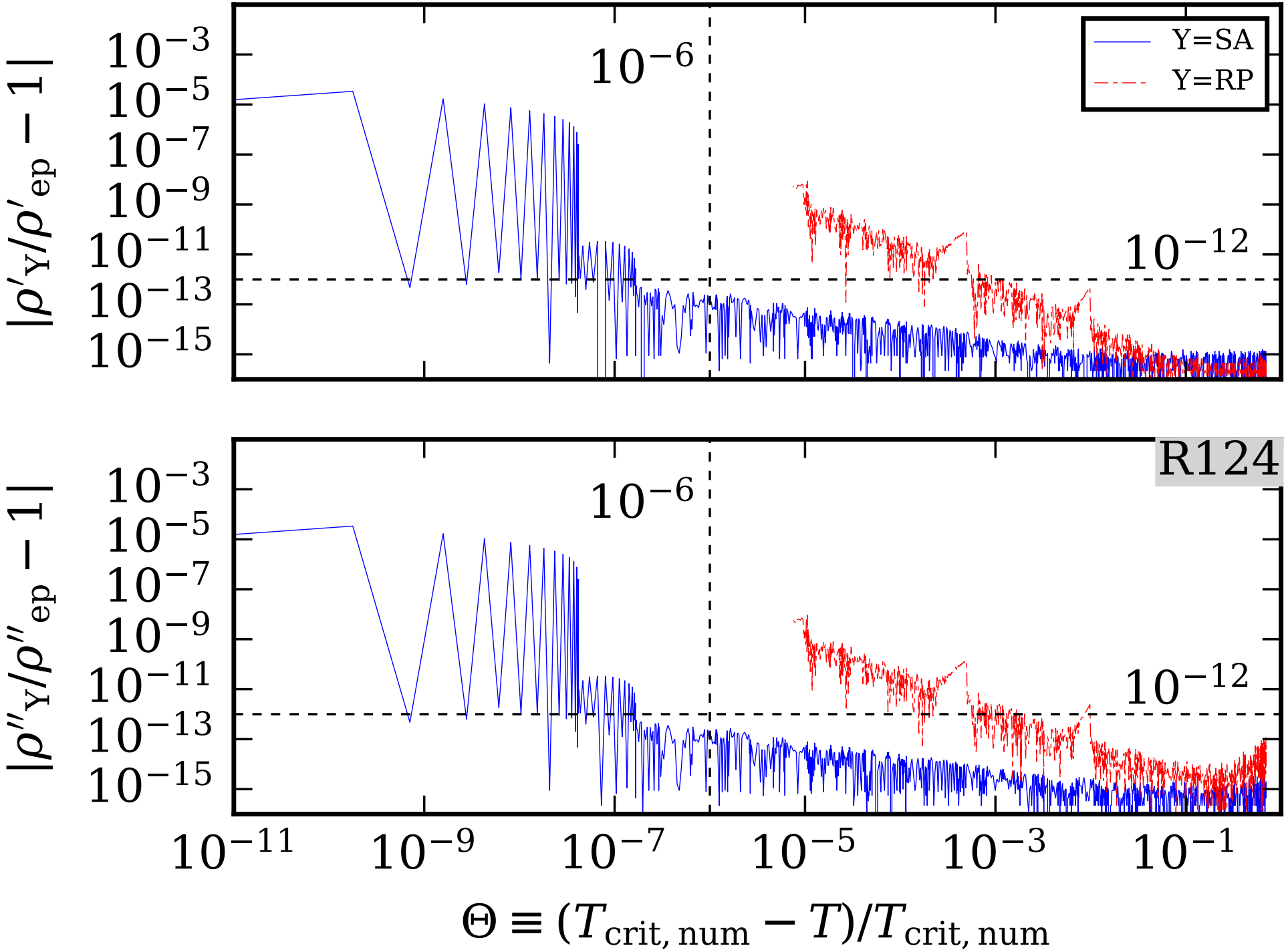

Y=SA
Y=RP
R1234YF
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$

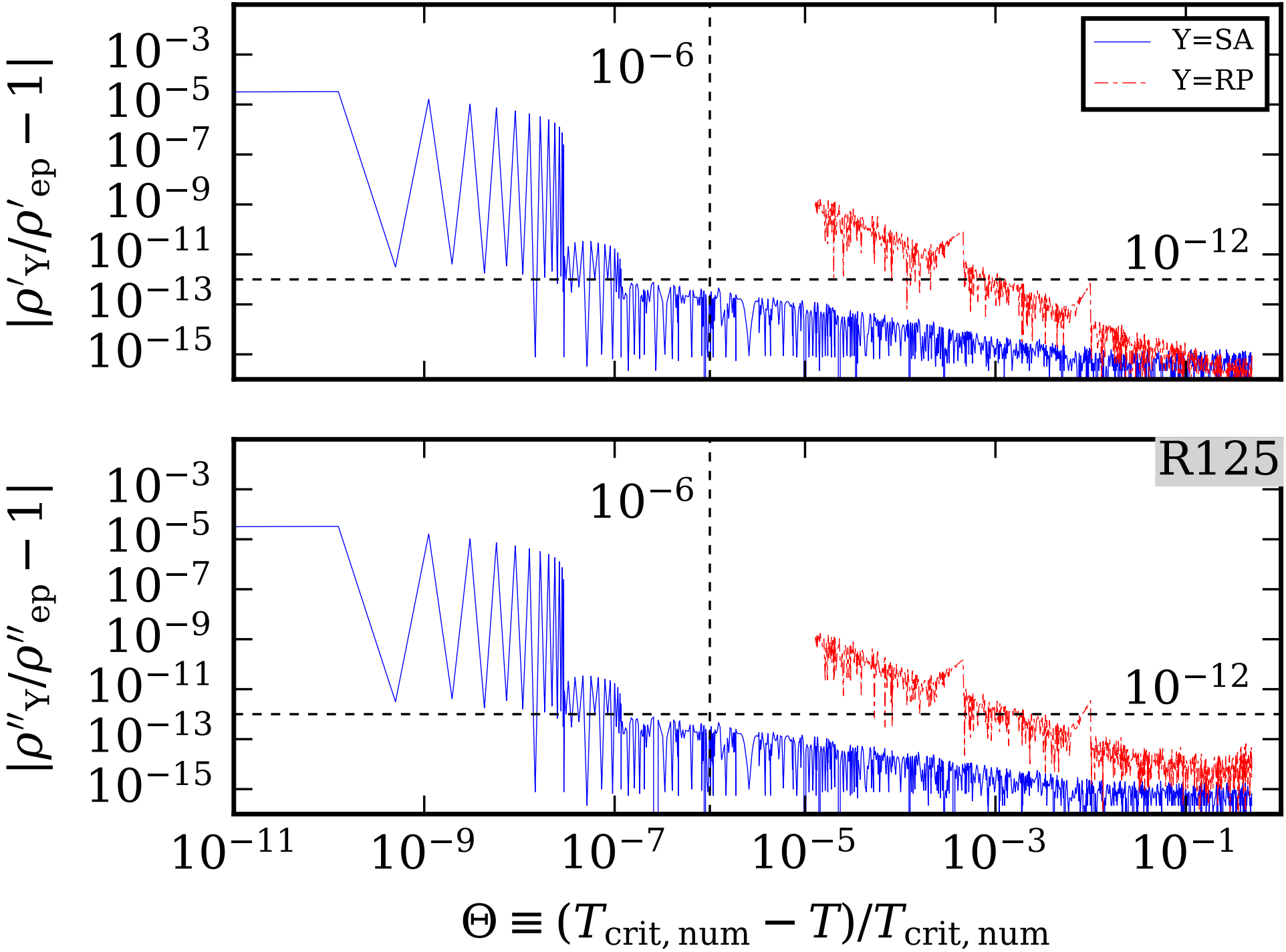

Y=SA
Y=RP
R1234ZEE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

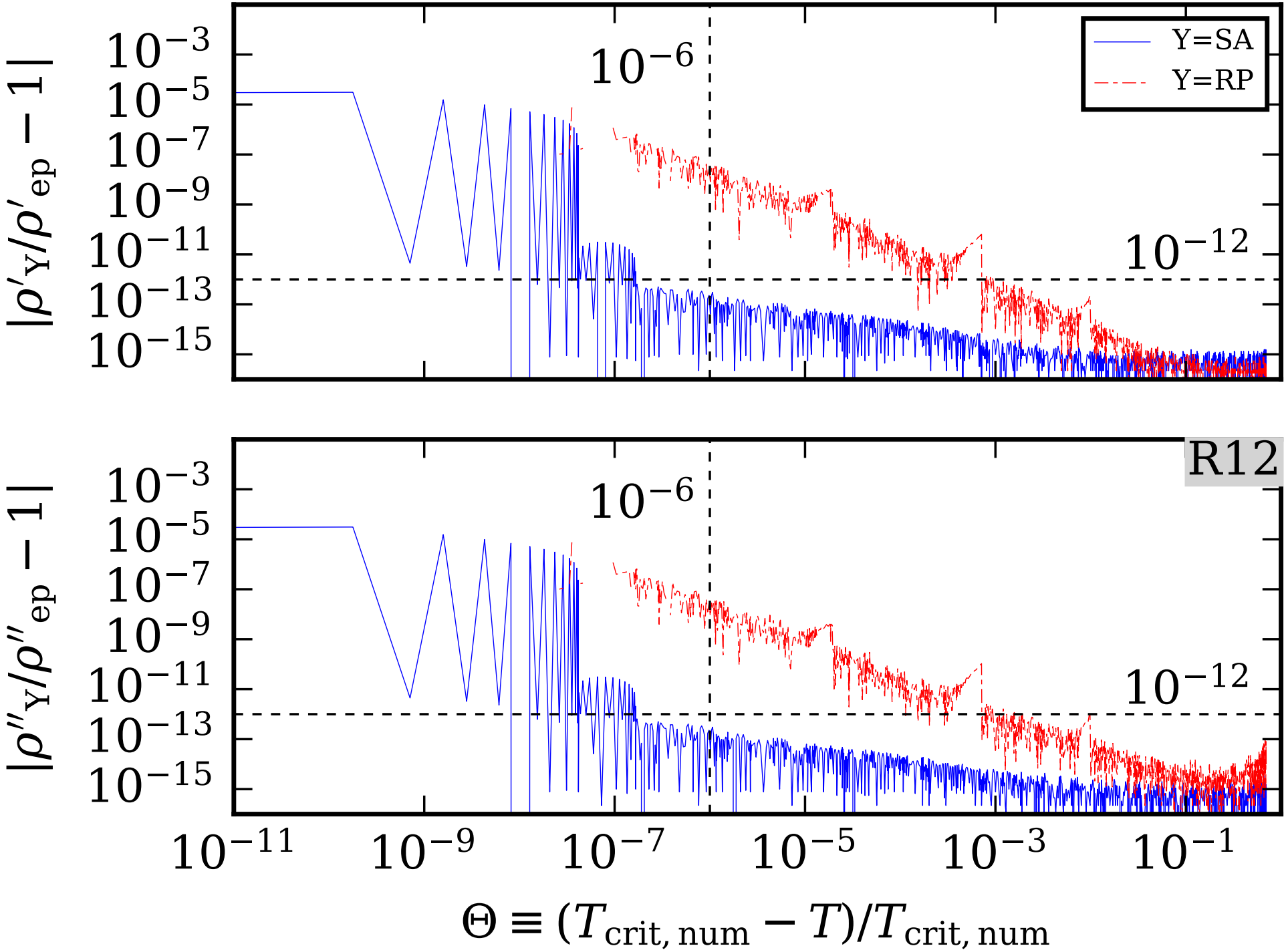

Y=SA
Y=RP
R1234ZEZ
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

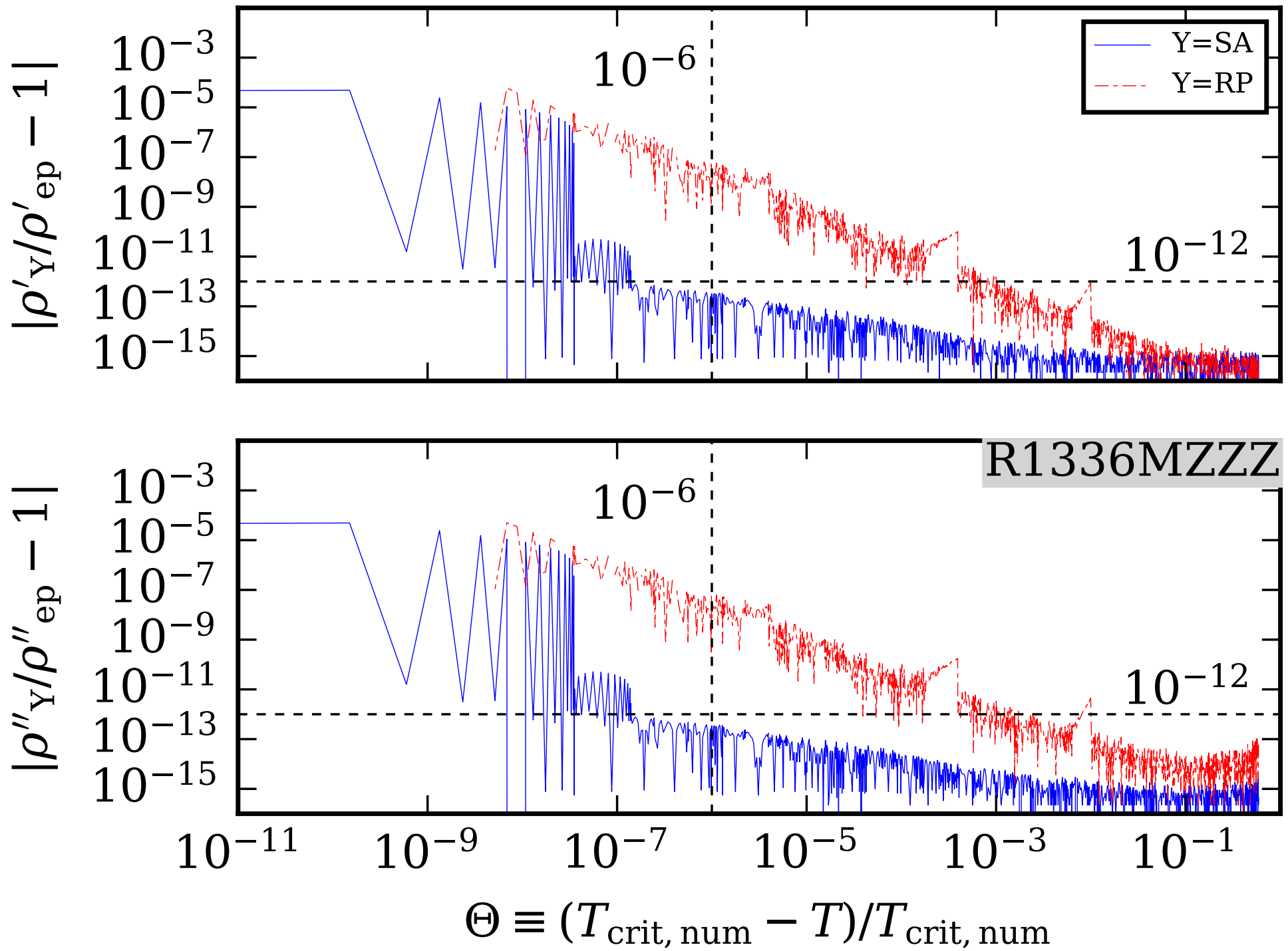

10^{-2}
10^{-6}
10^{-10}
10^{-14}
10^{-6}
10^{-12}
Y=SA
Y=RP
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
R123
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

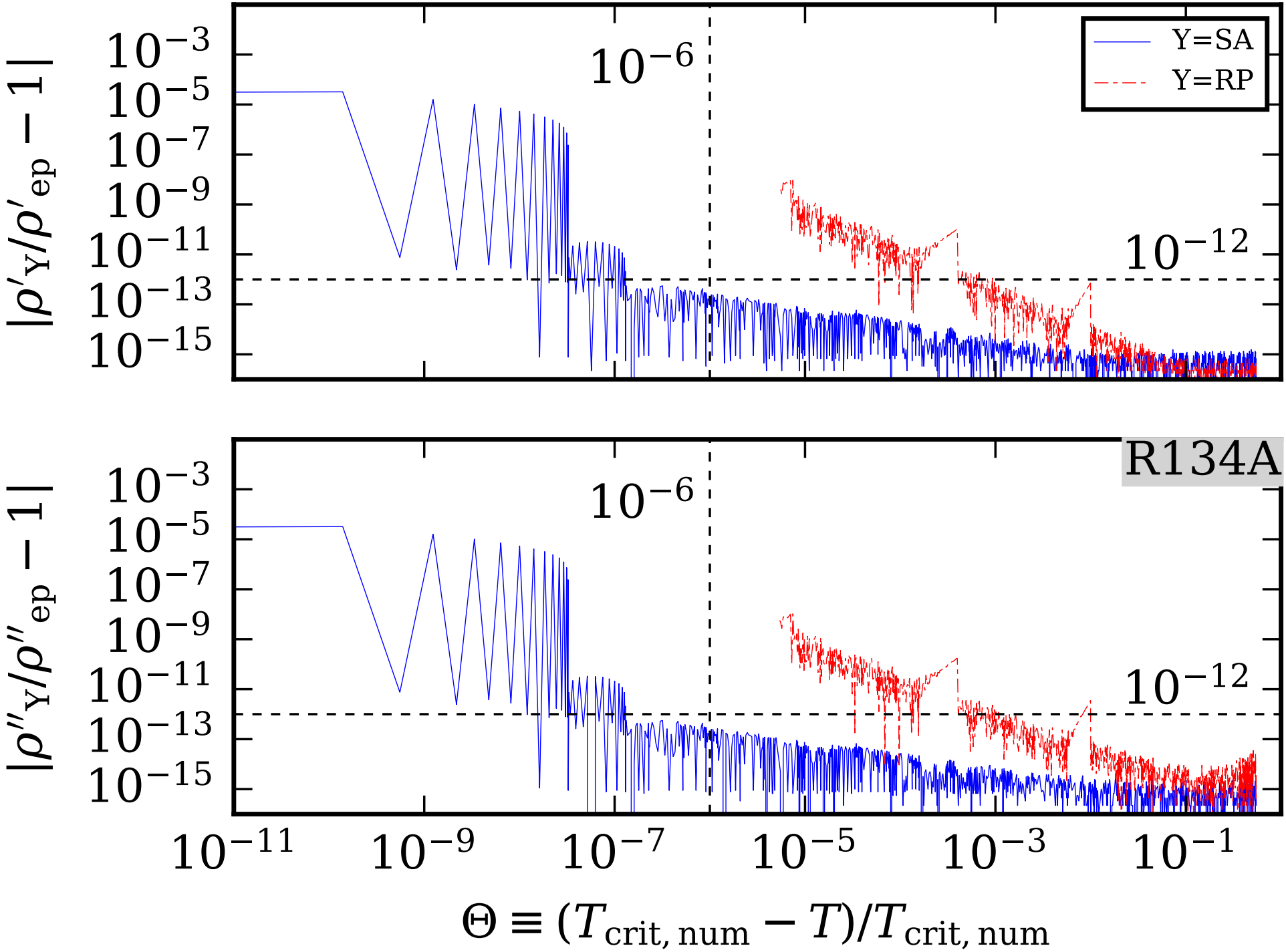

Y=SA
Y=RP
R1243ZF
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

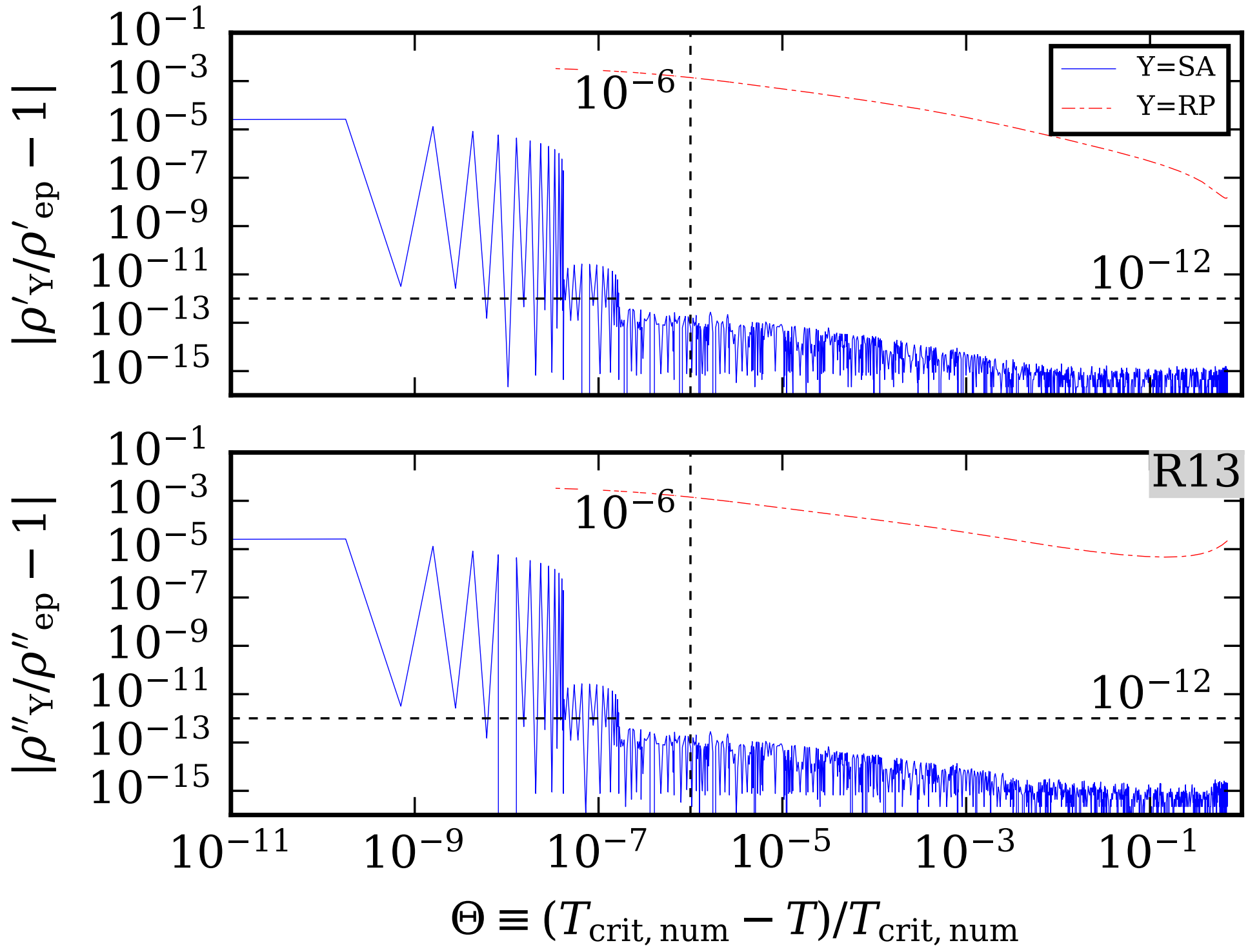

Y=SA
Y=RP
R124
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

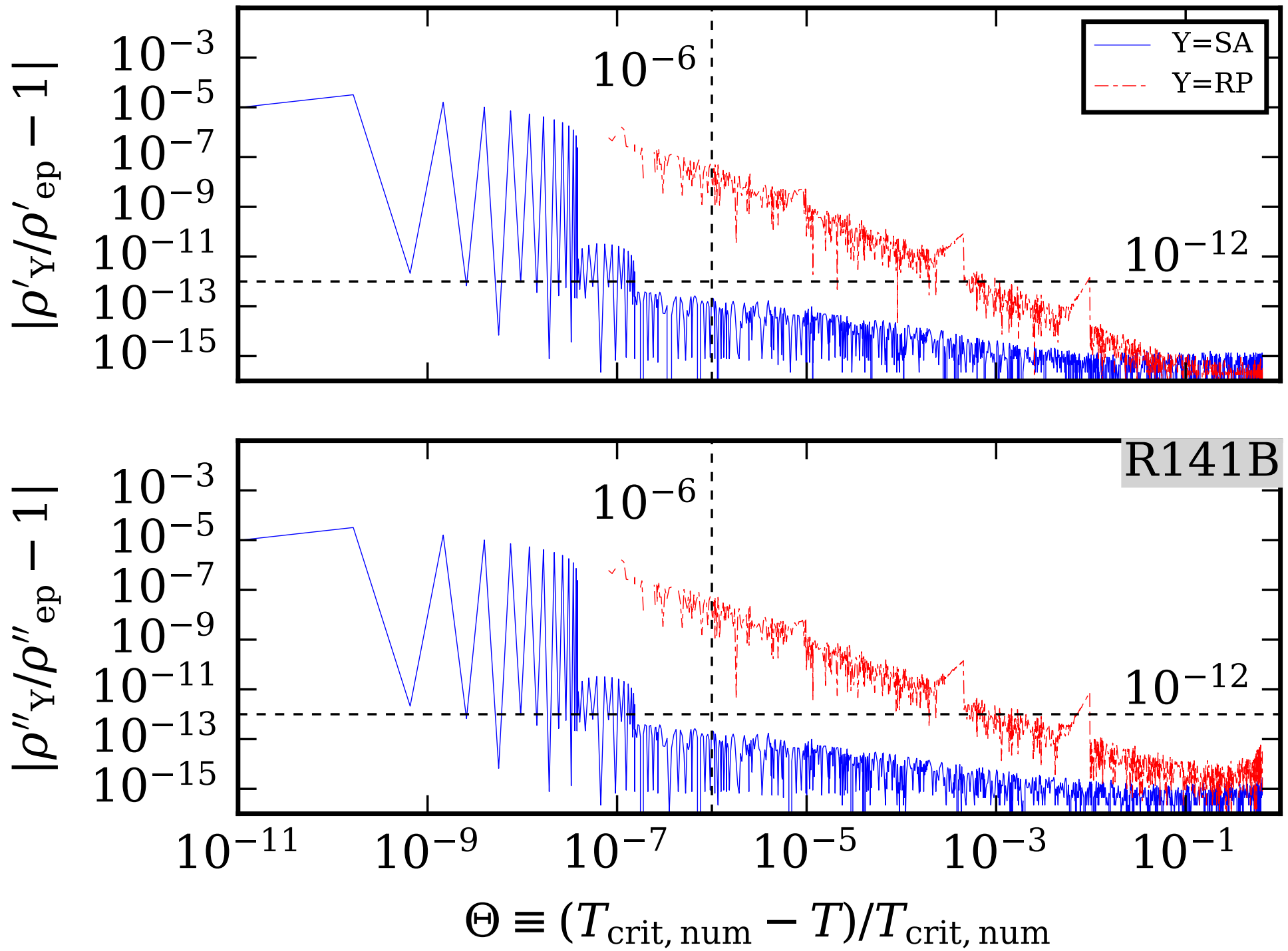

Y=SA
Y=RP
R125
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

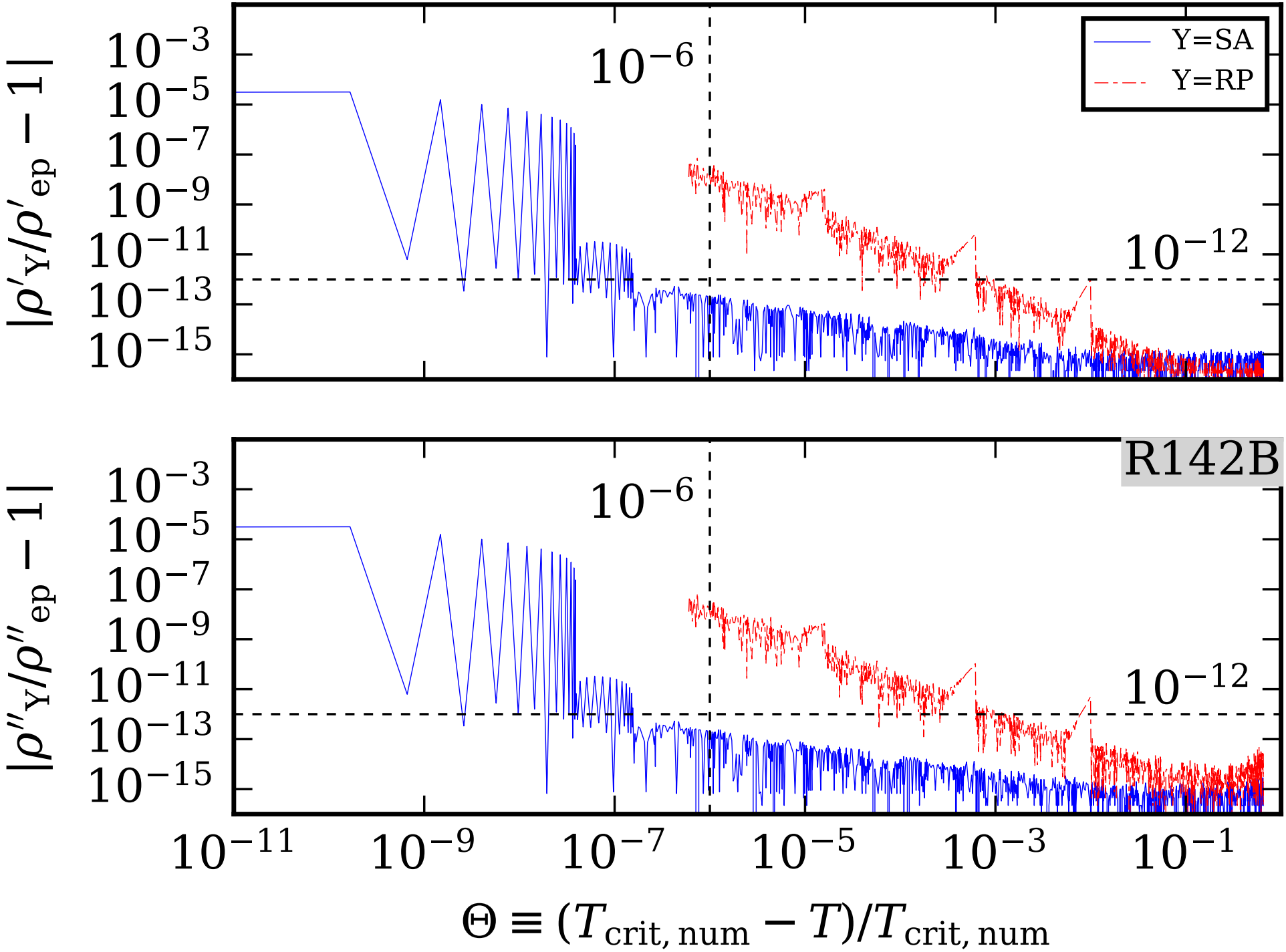

Y=SA
Y=RP
R12
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

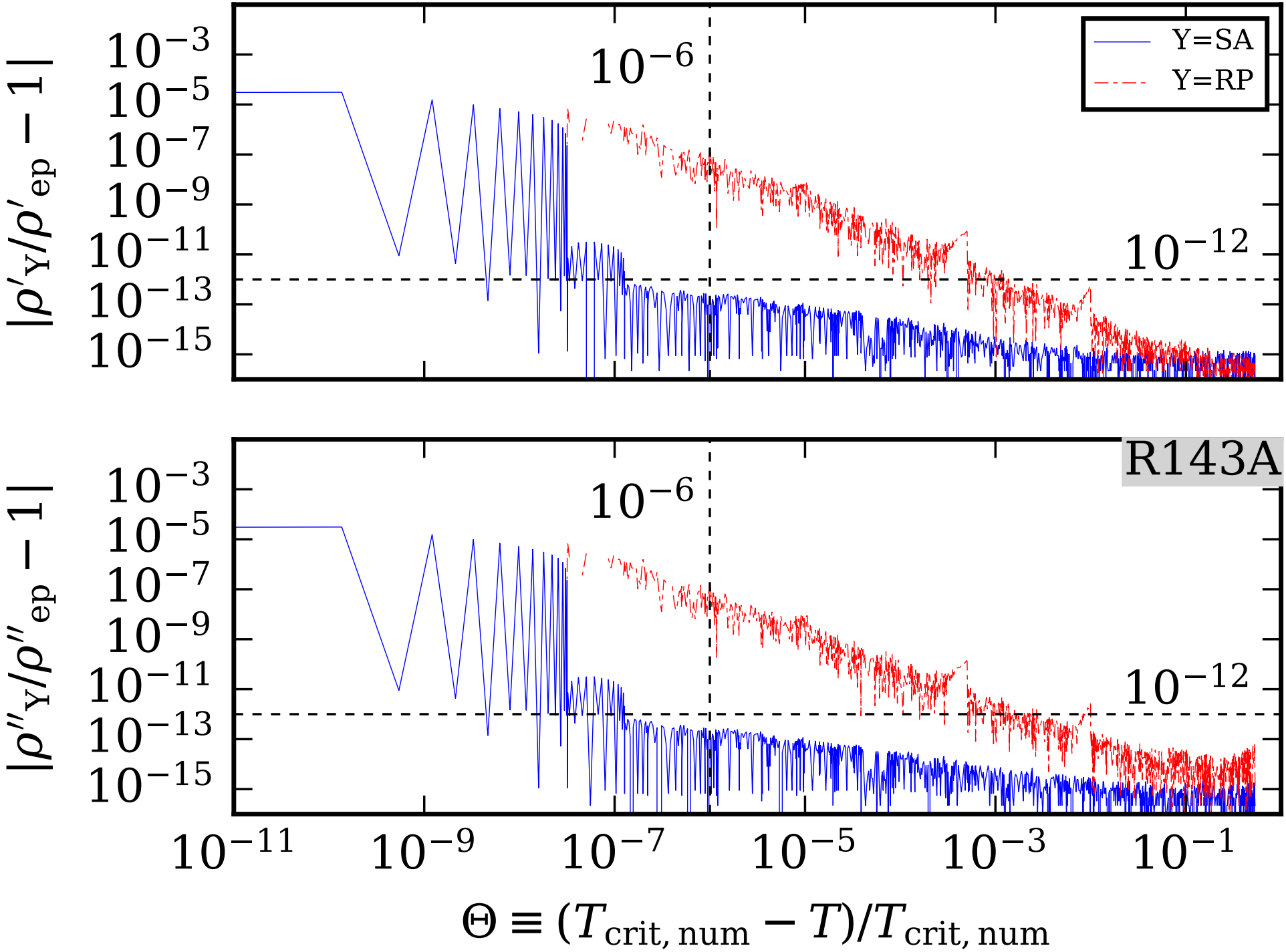

Y=SA
Y=RP
R1336MZZZ
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

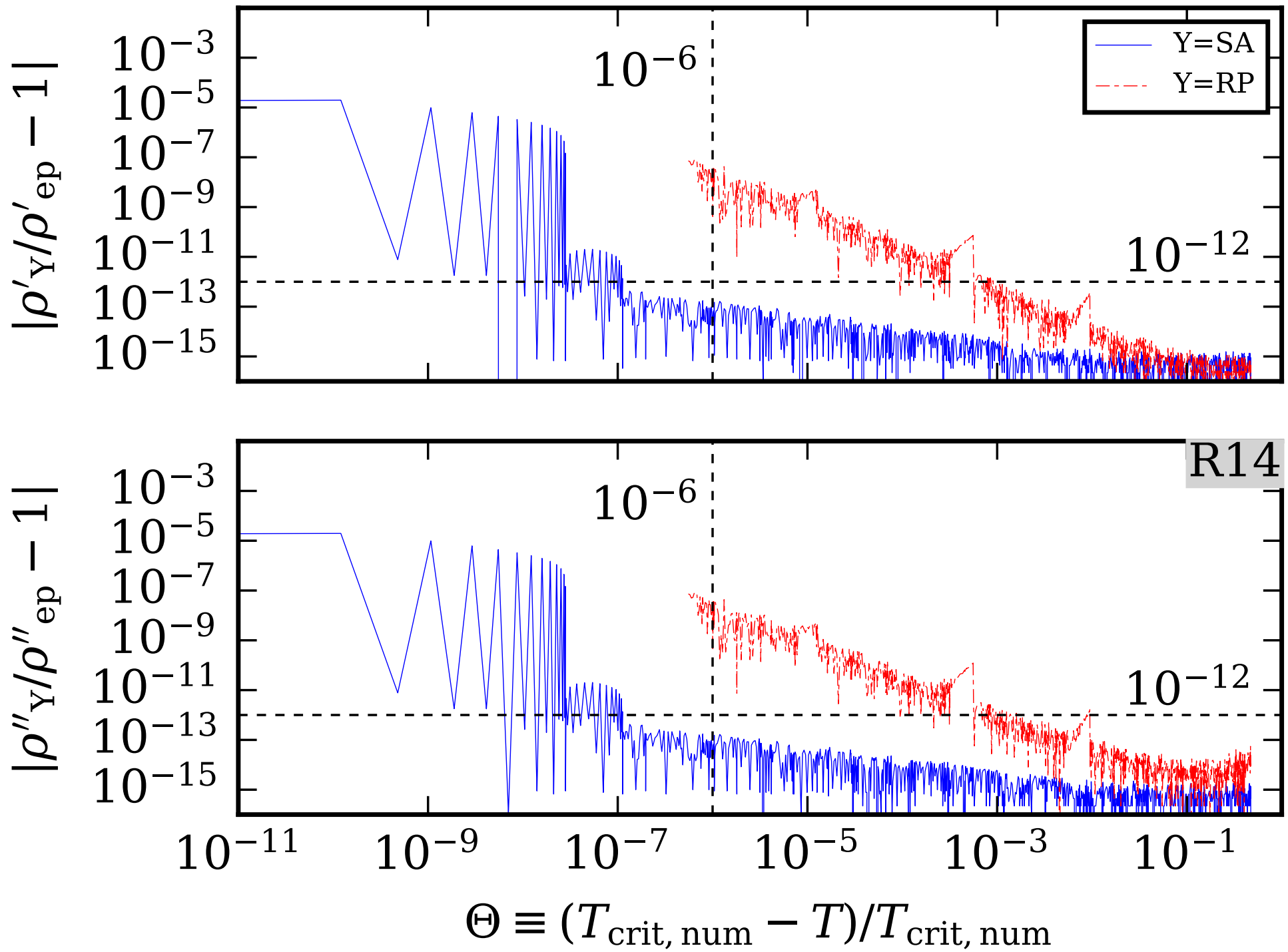

Y=SA
Y=RP
R134A
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

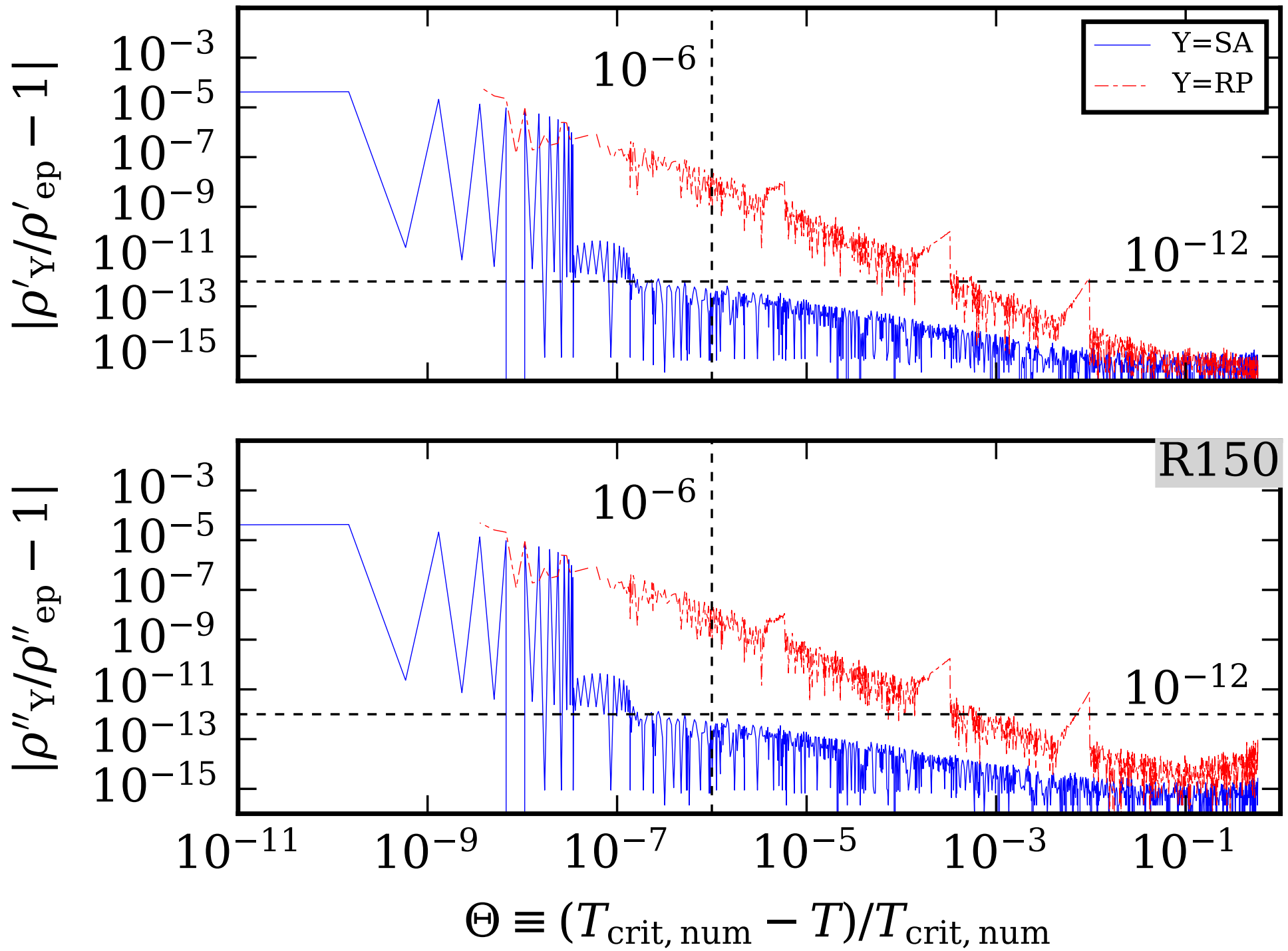

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
R13
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

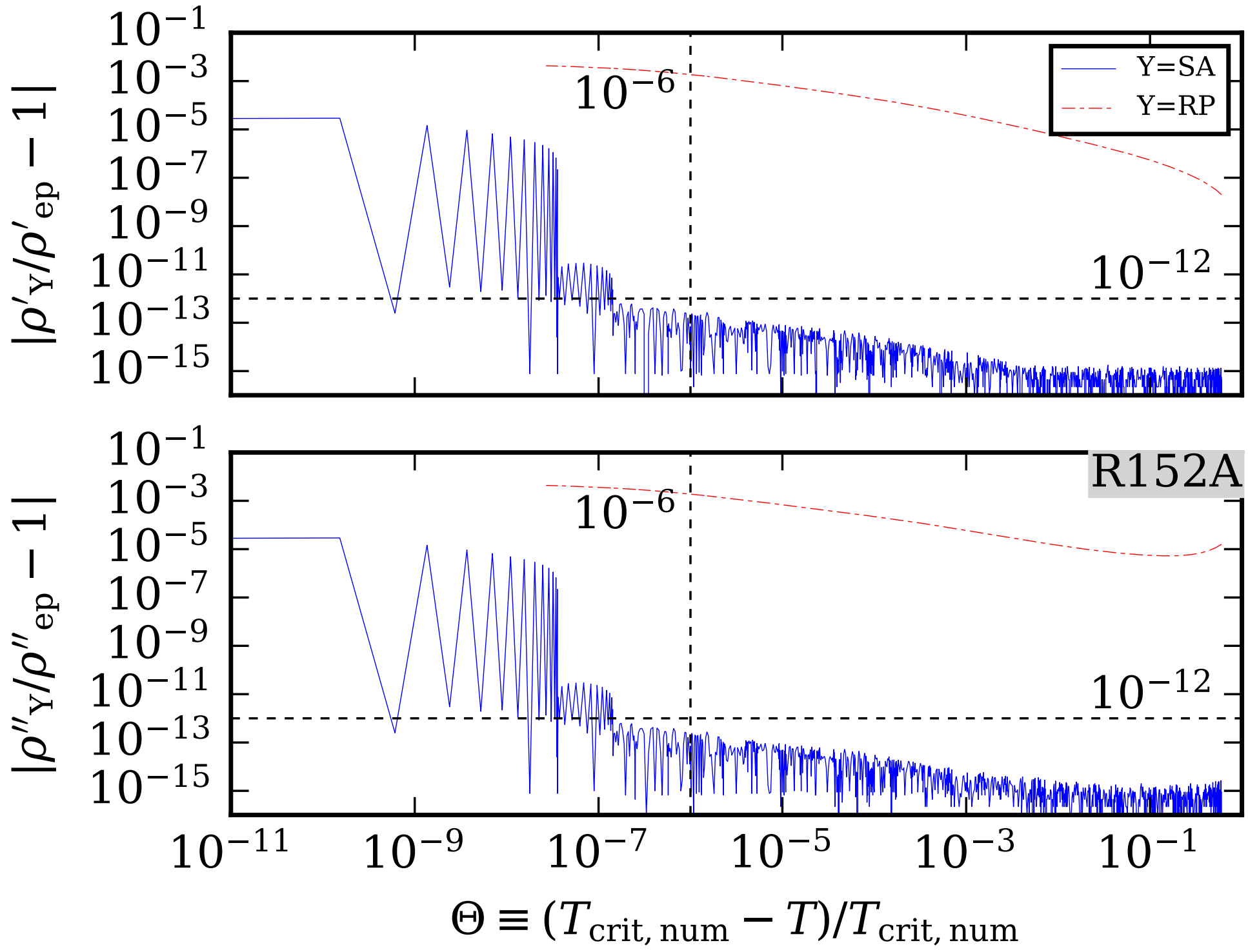

Y=SA
Y=RP
R141B
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

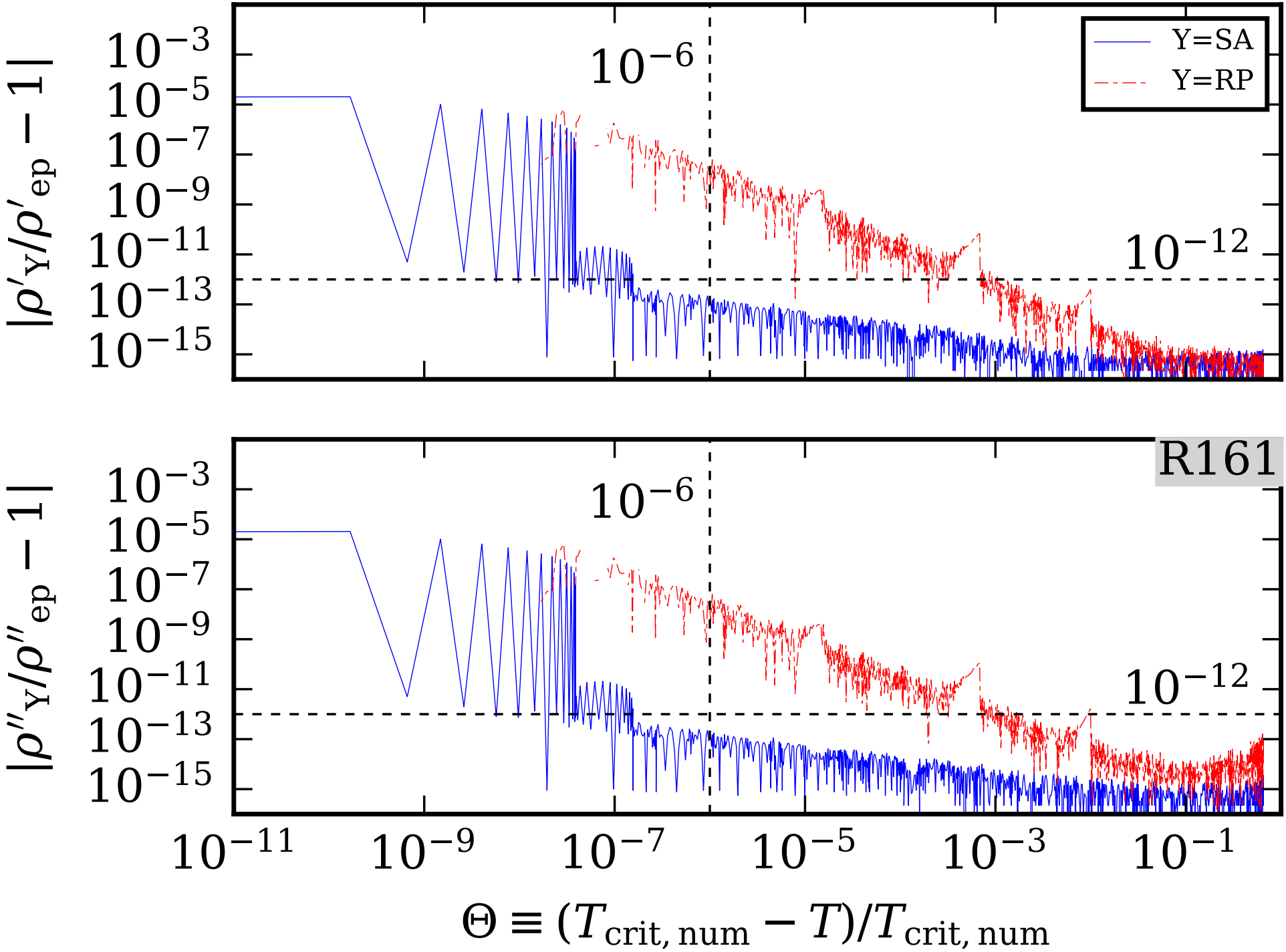

Y=SA
Y=RP
R142B
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

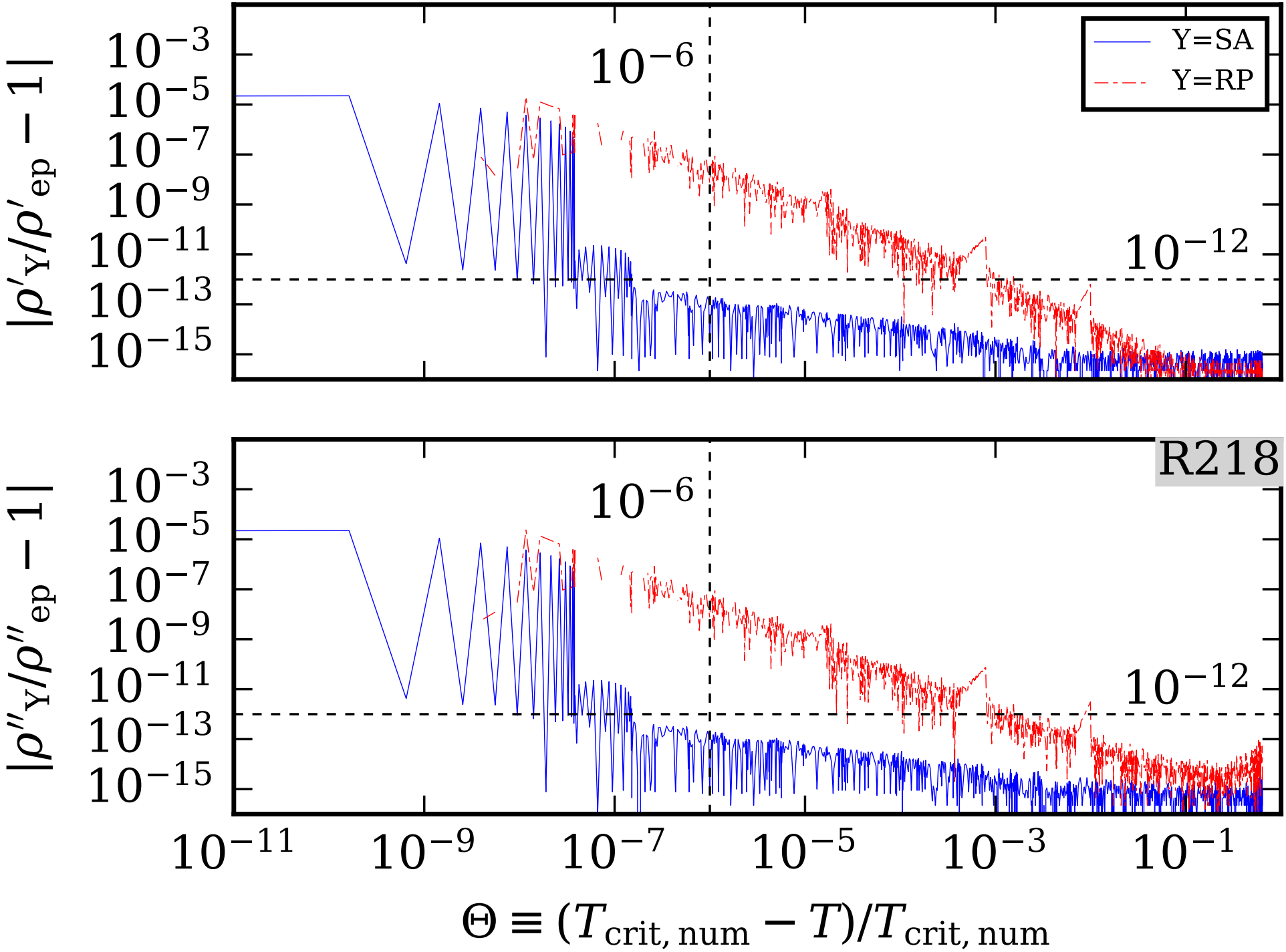

Y=SA
Y=RP
R143A
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

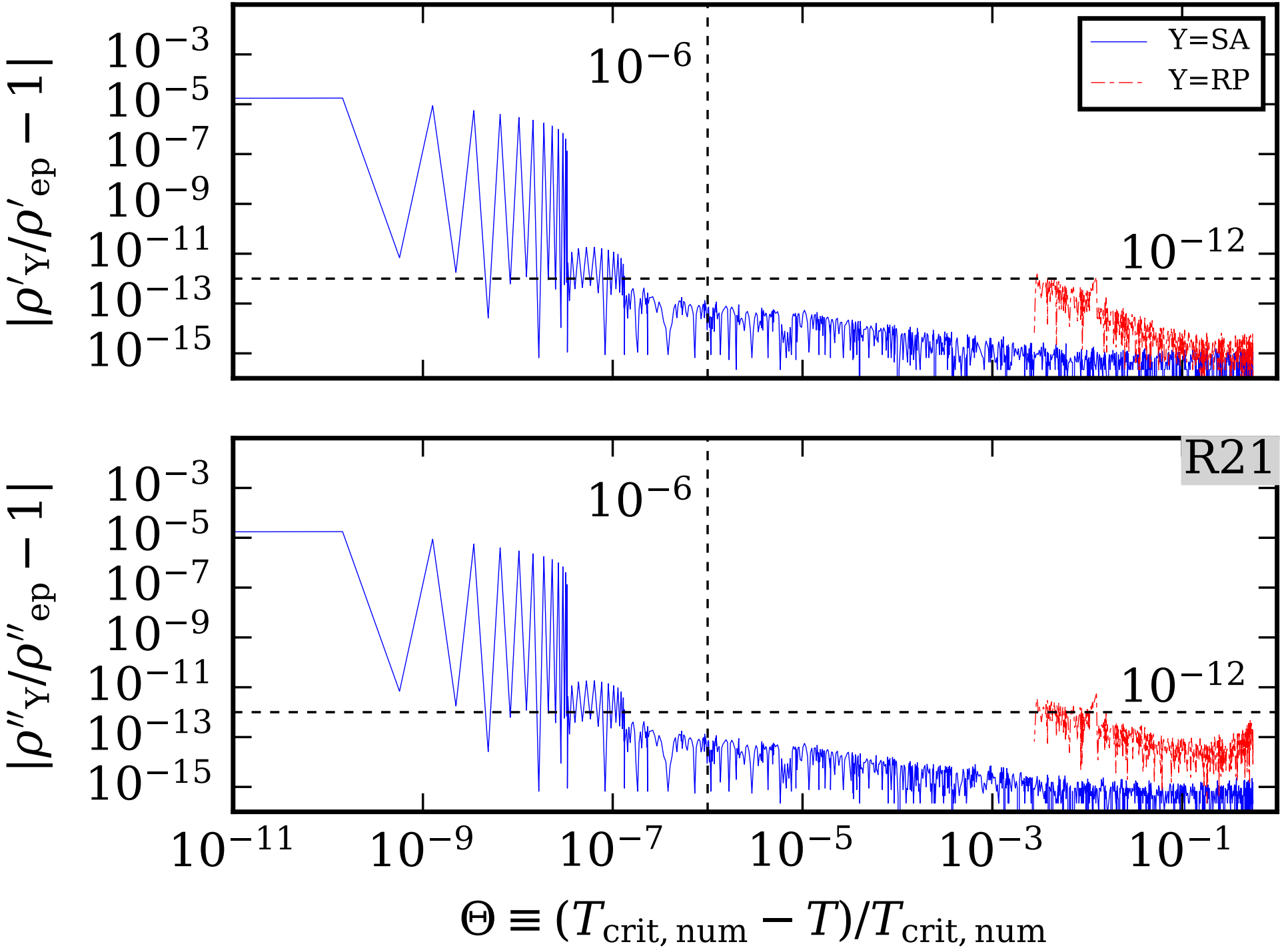

Y=SA
Y=RP
R14
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

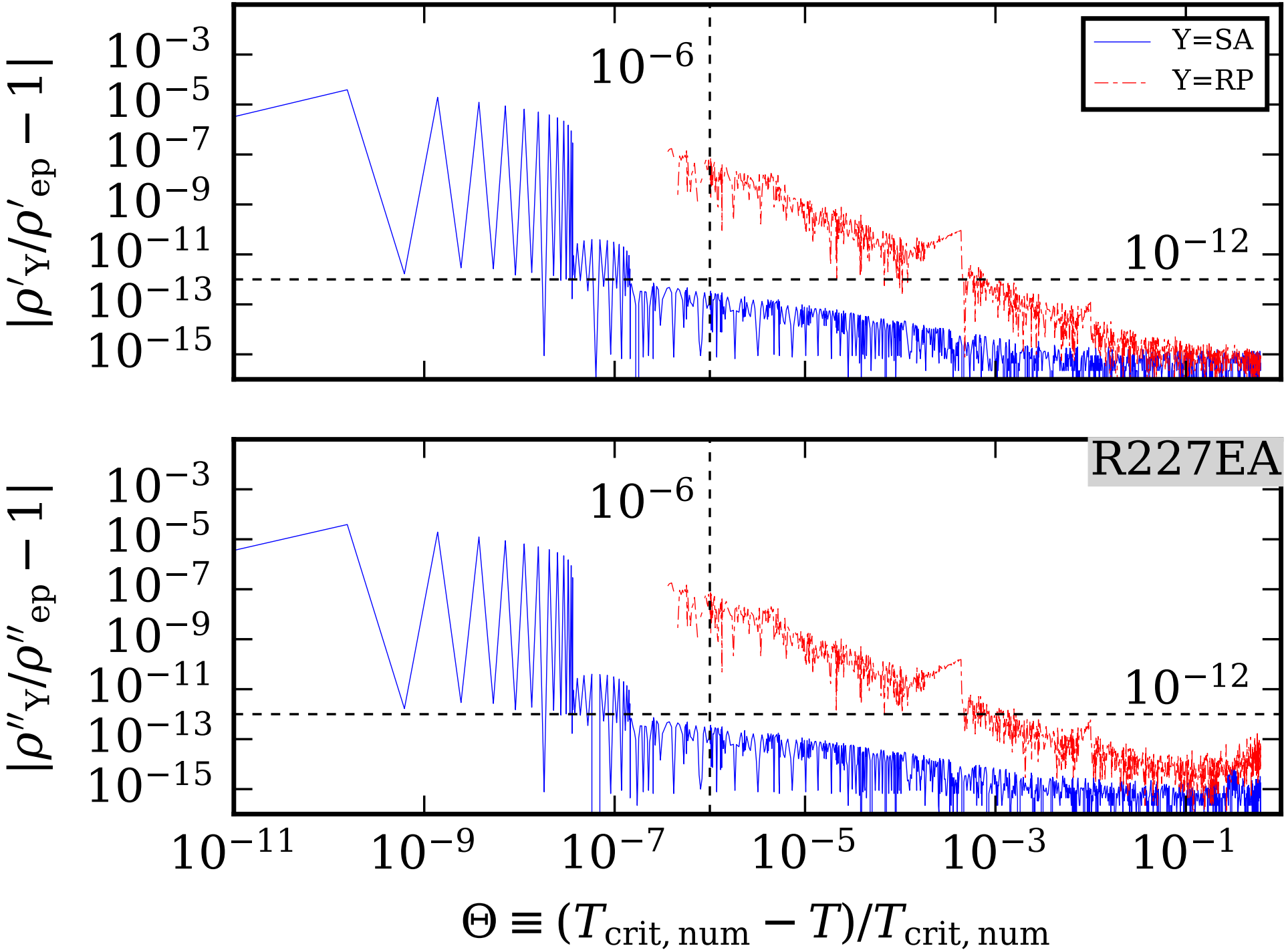

Y=SA
Y=RP
R150
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

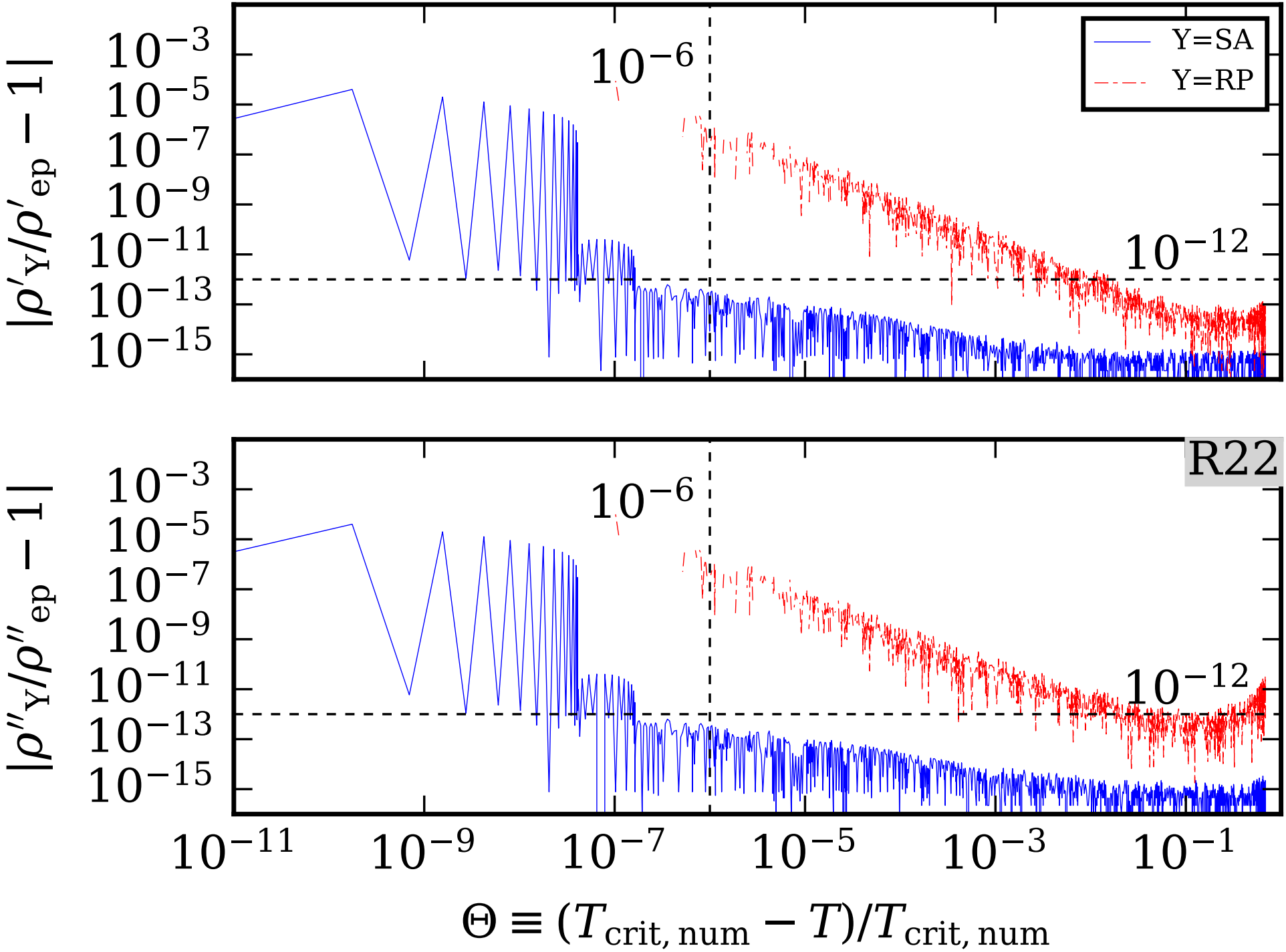

Y=SA
Y=RP
R152A
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

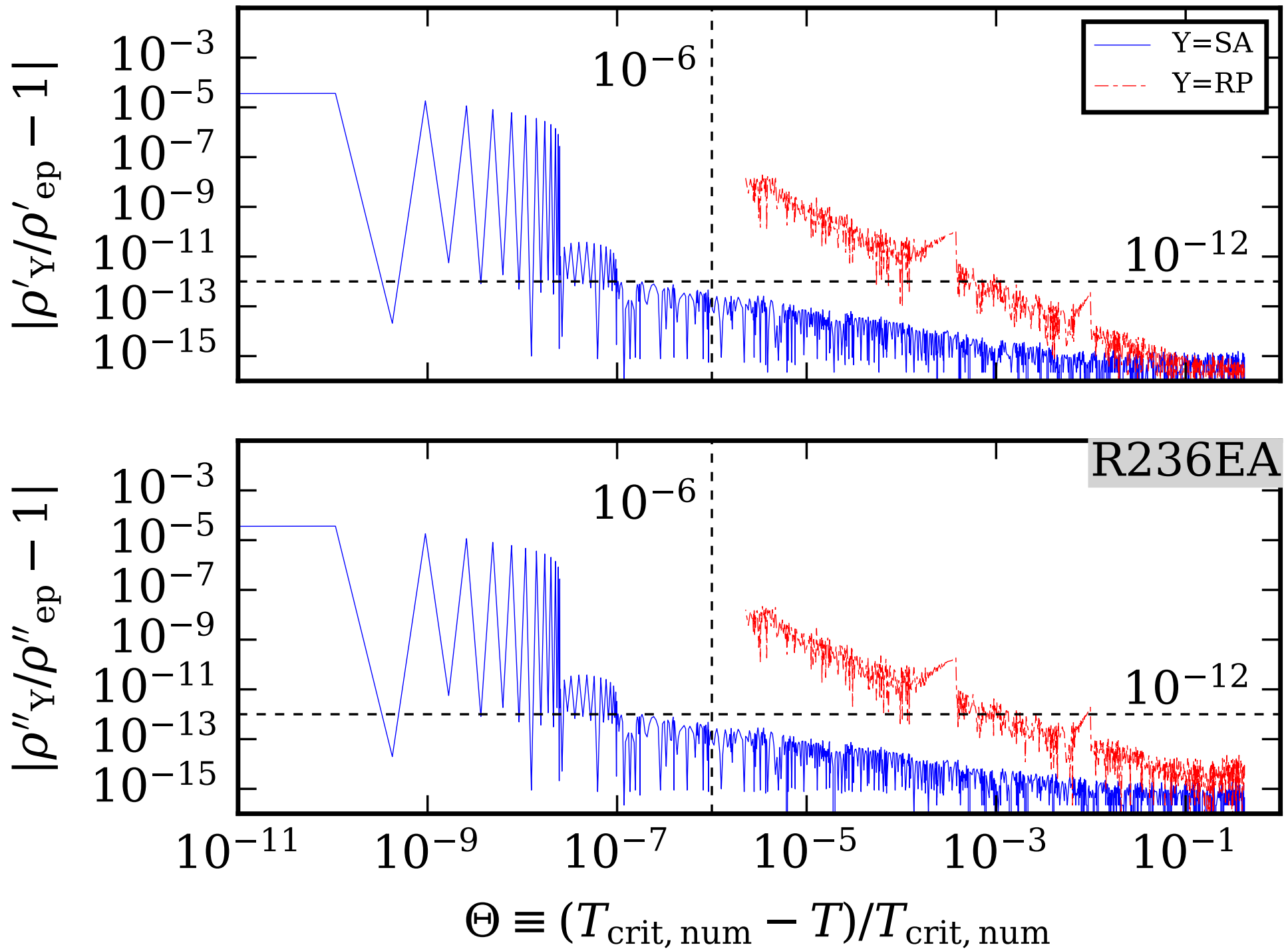

Y=SA
Y=RP
R161
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

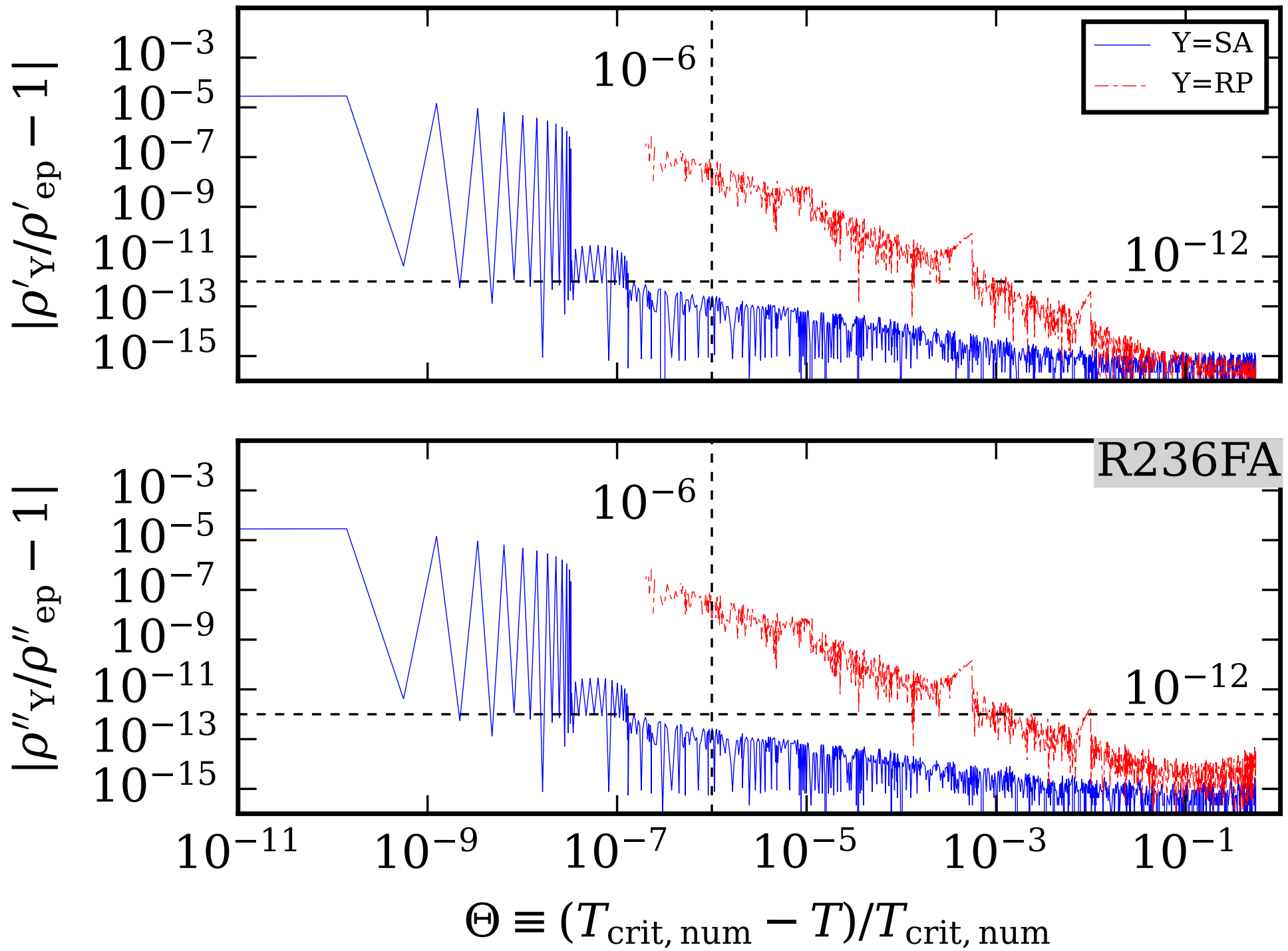

Y=SA
Y=RP
R218
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

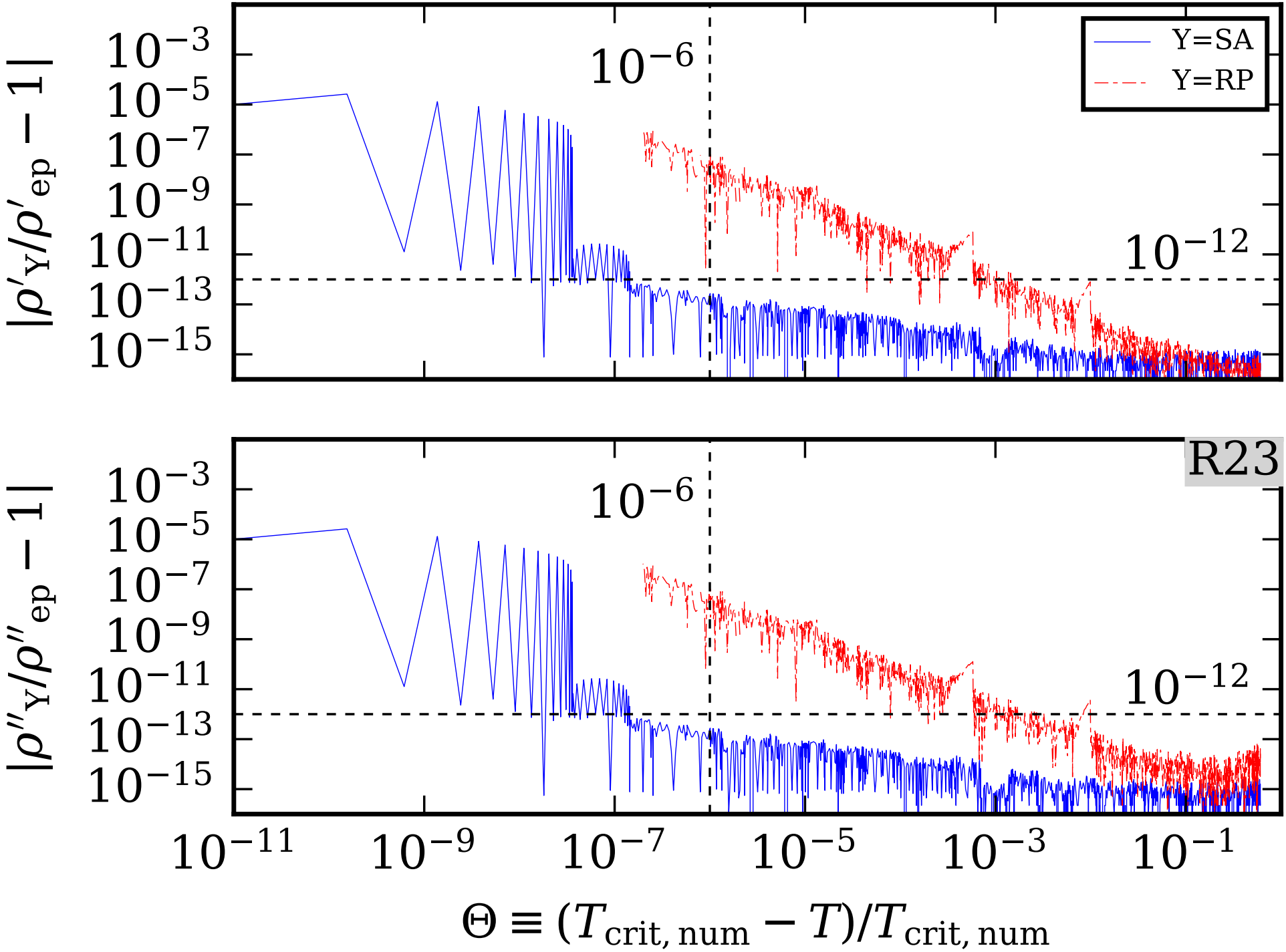

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
R21
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

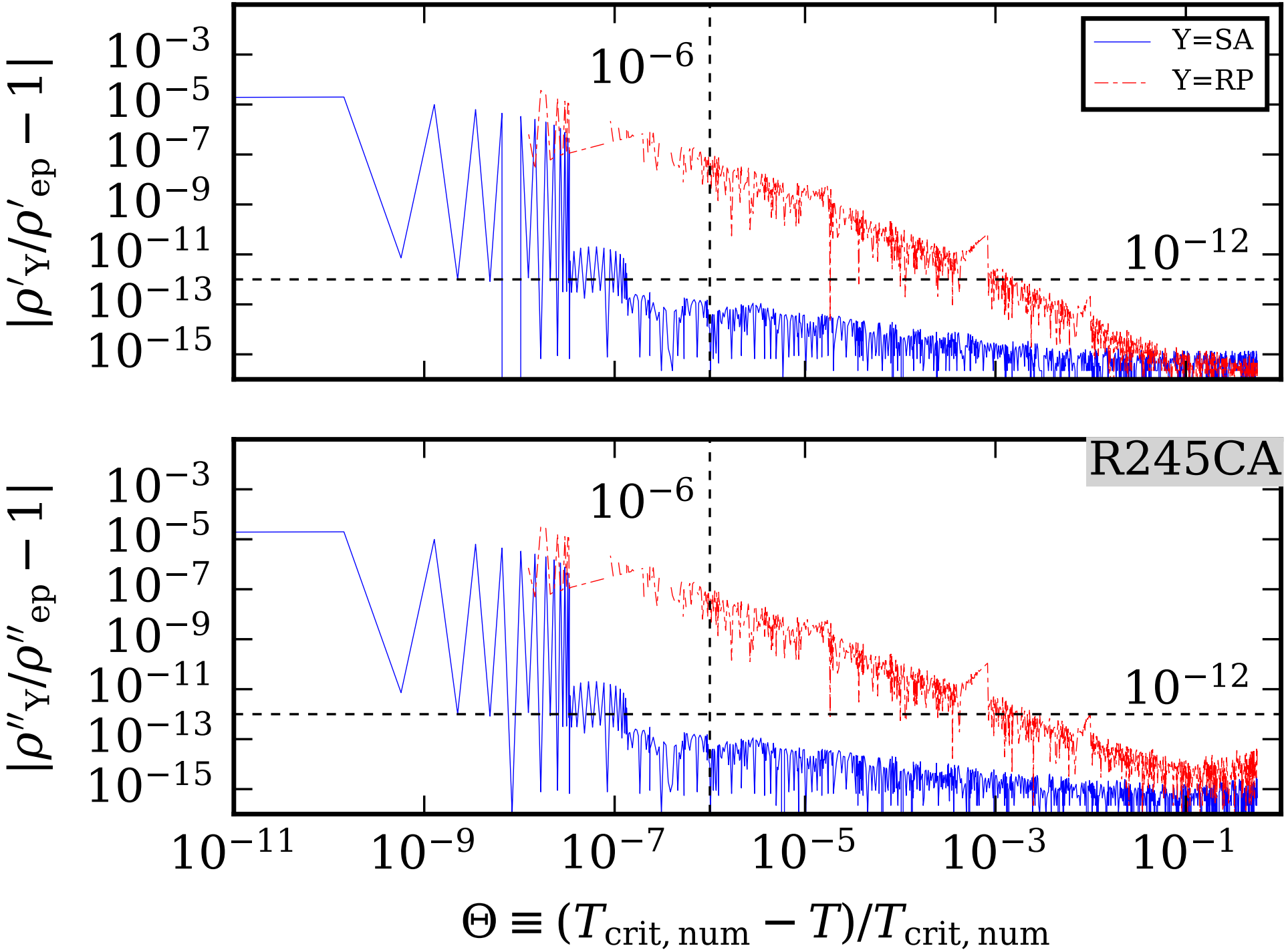

Y=SA
Y=RP
R227EA
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

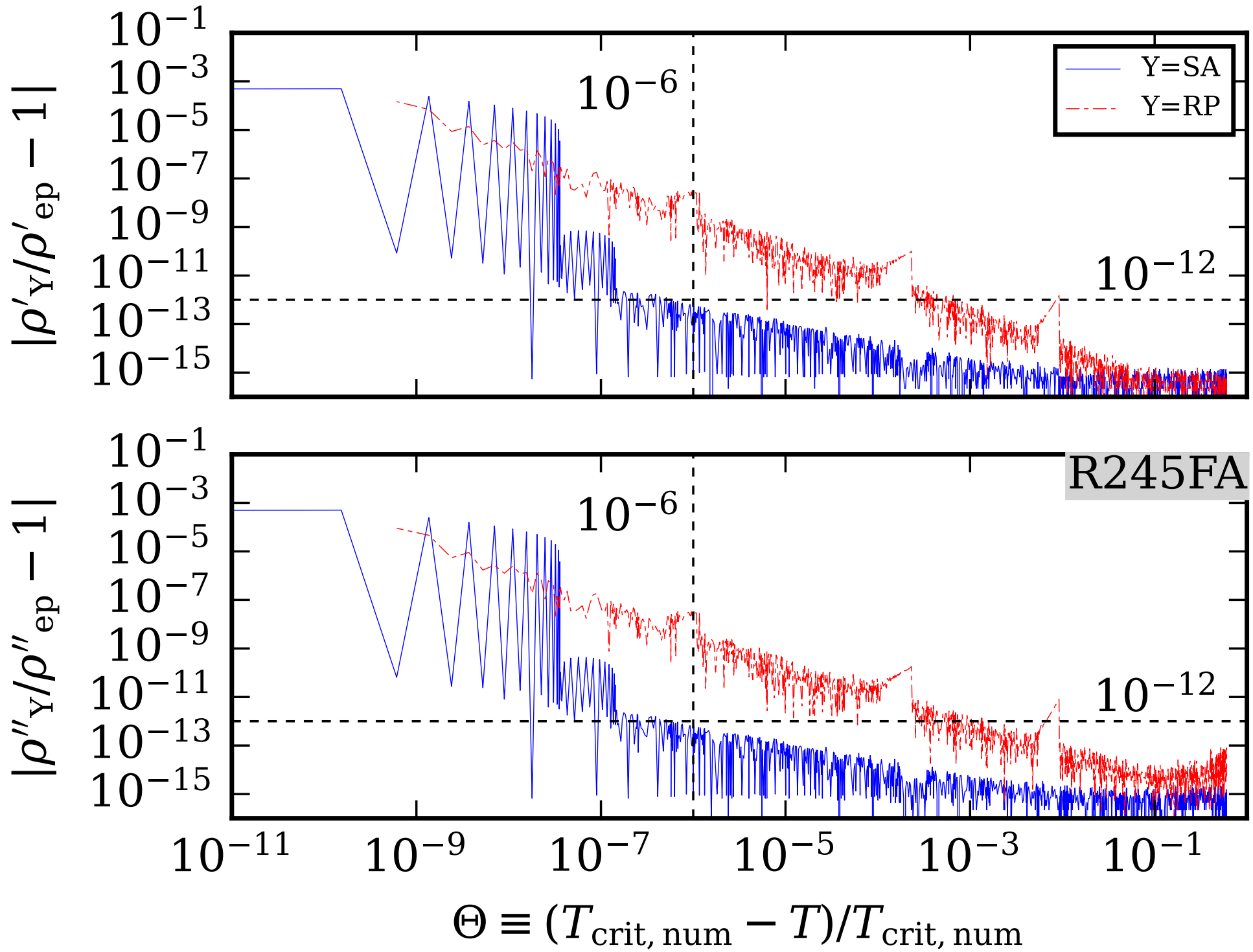

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
R22
10^{-6}
10^{-12}
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

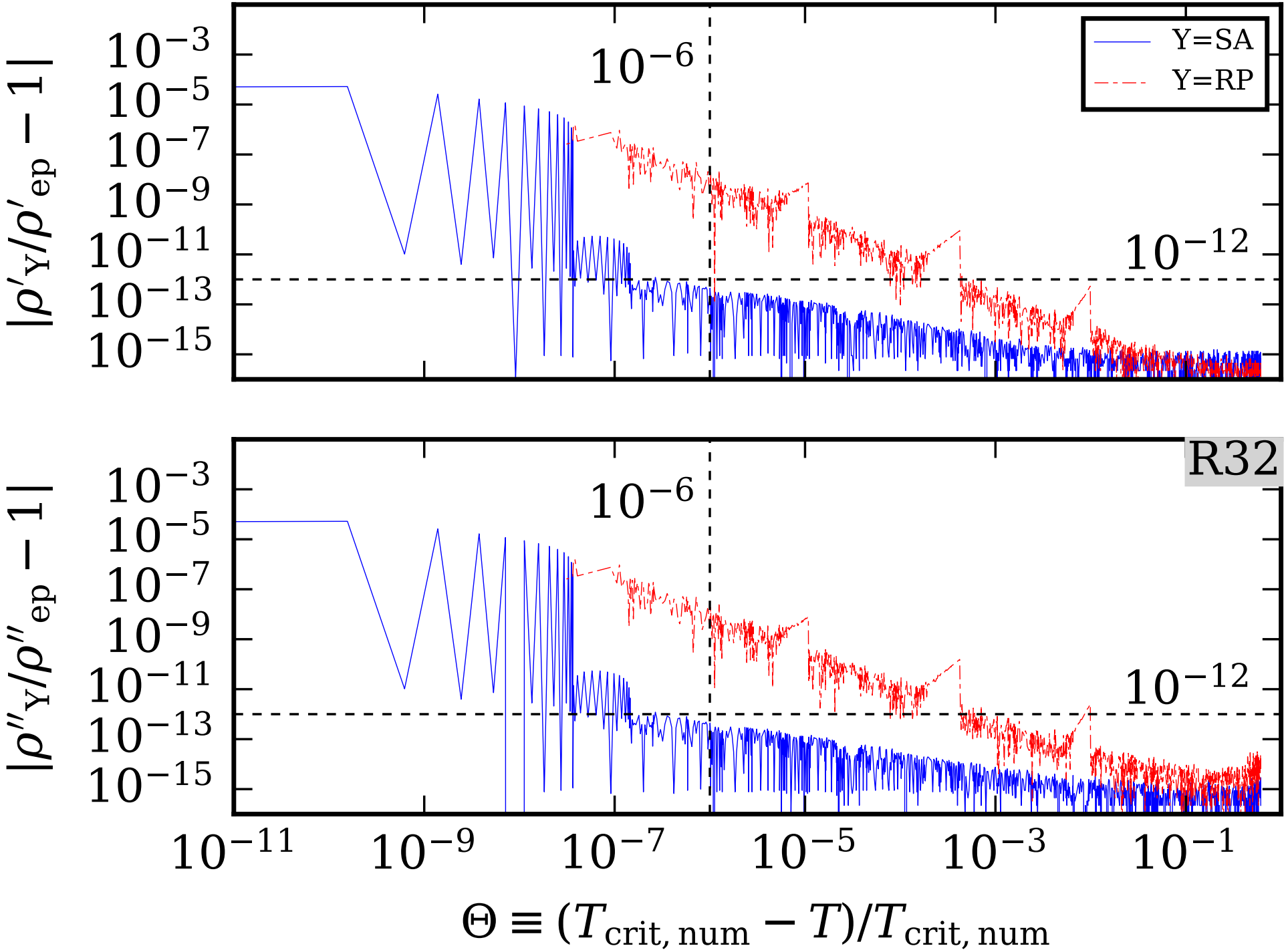

Y=SA
Y=RP
R236EA
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

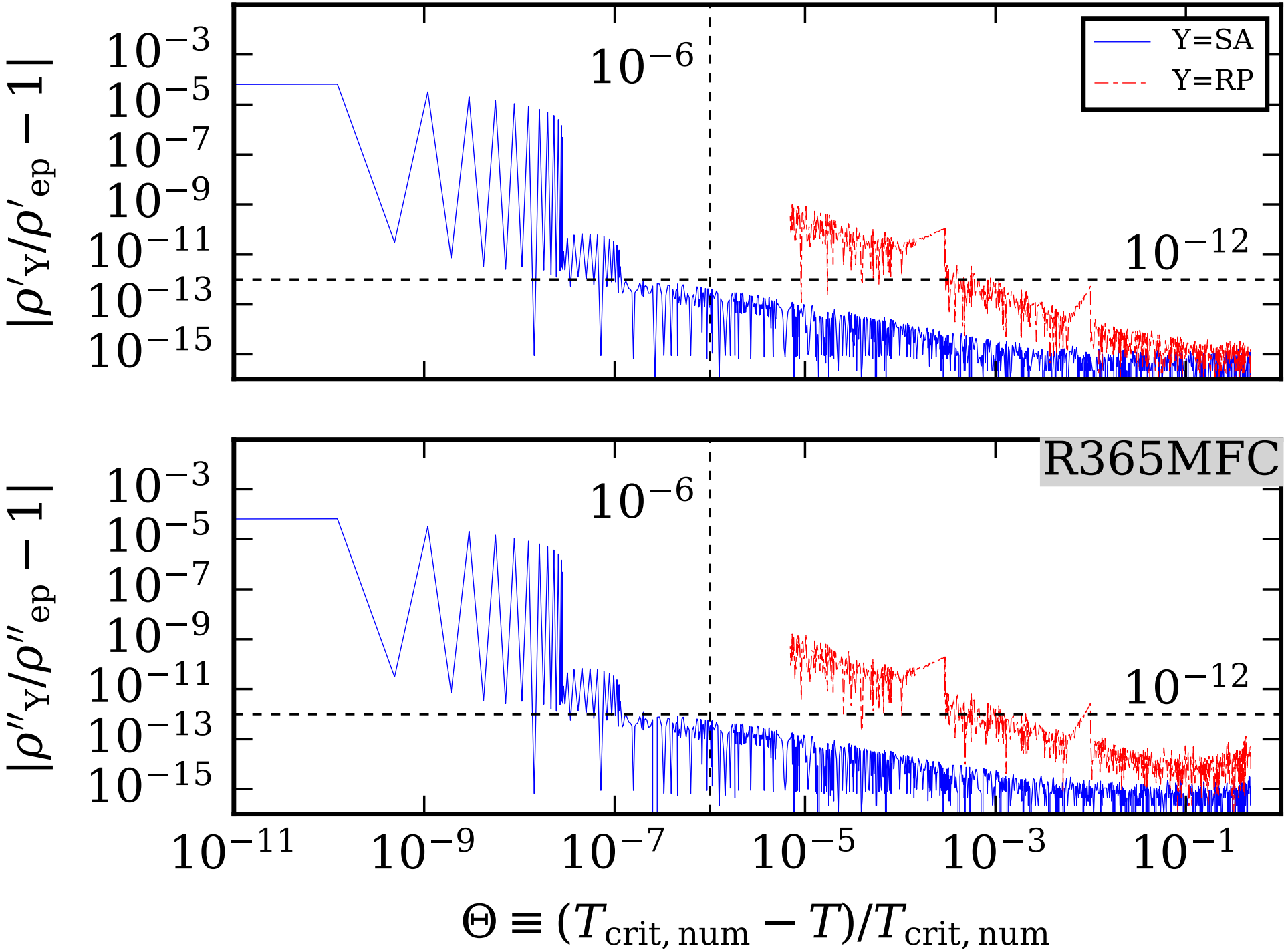

Y=SA
Y=RP
R236FA
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

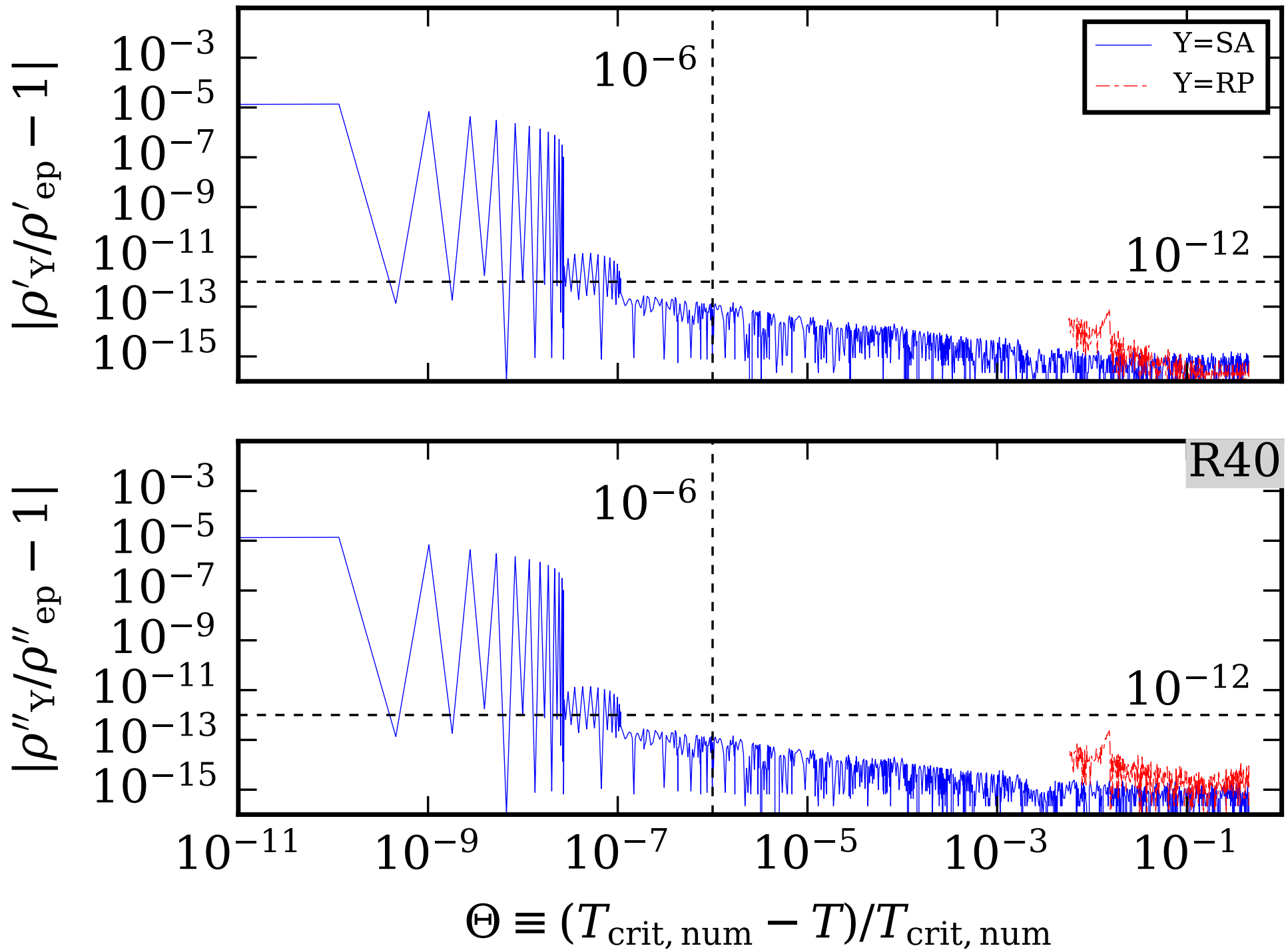

Y=SA
Y=RP
R23
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

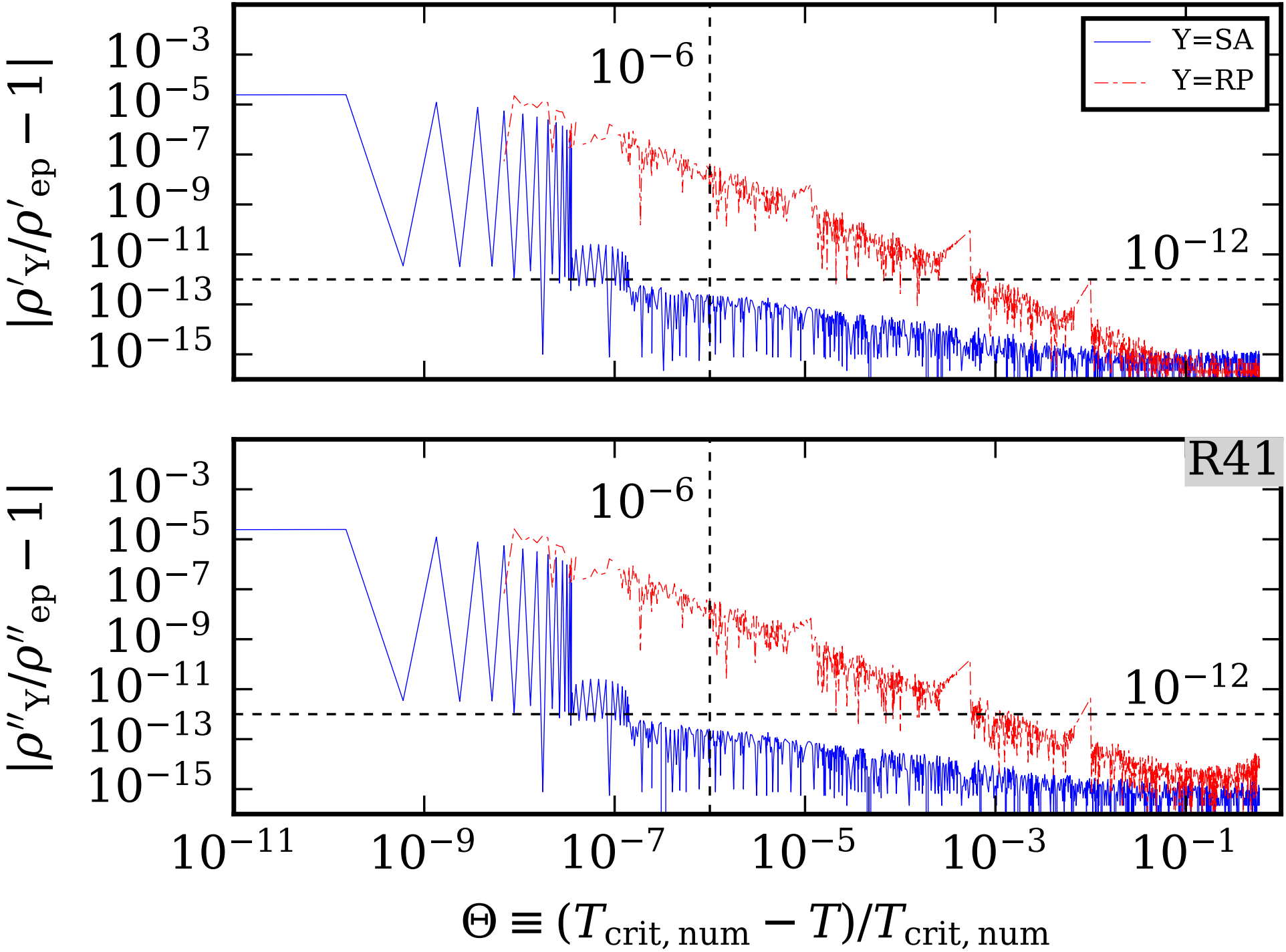

Y=SA
Y=RP
R245CA
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

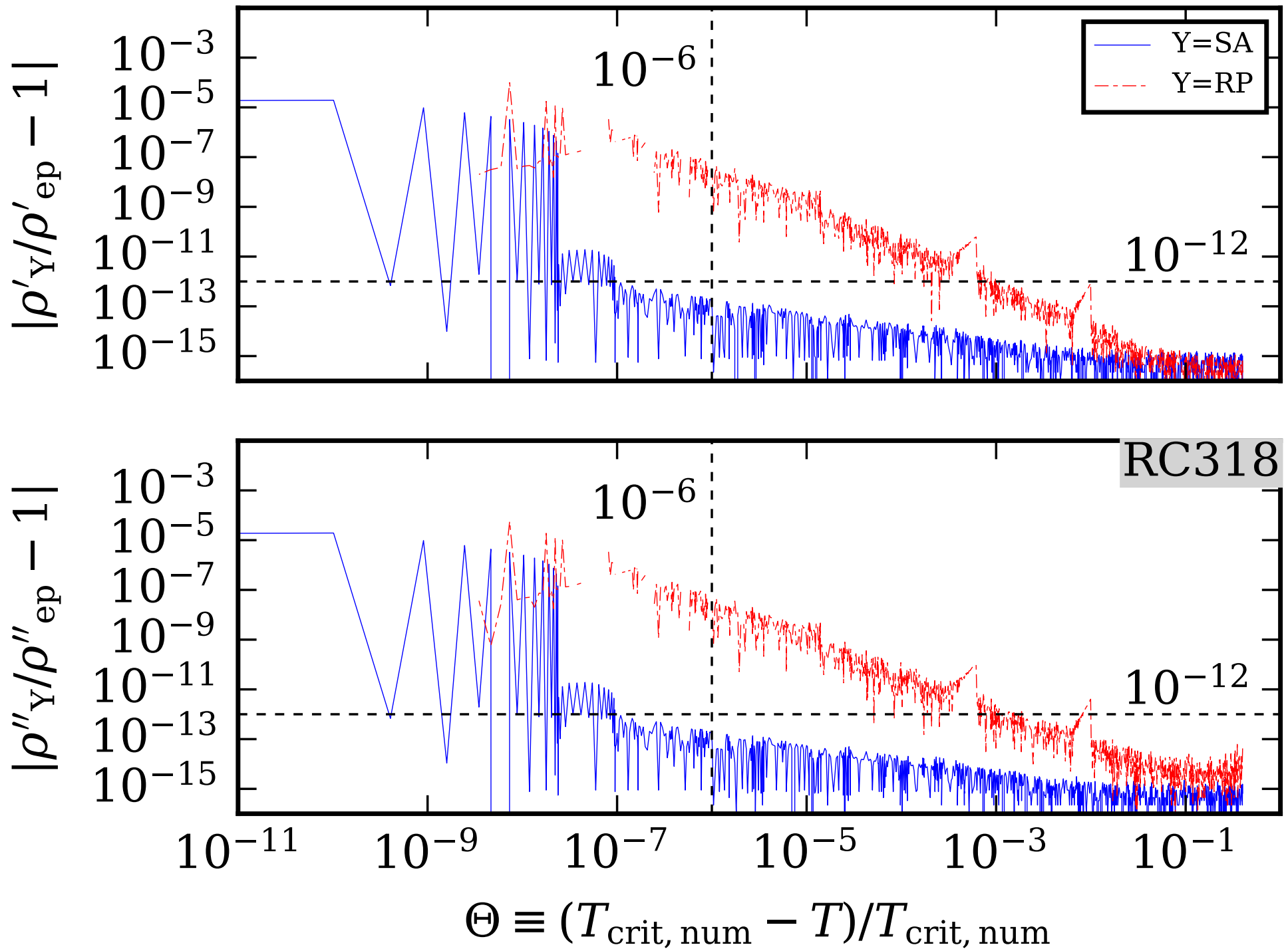

Y=SA
Y=RP
R245FA
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

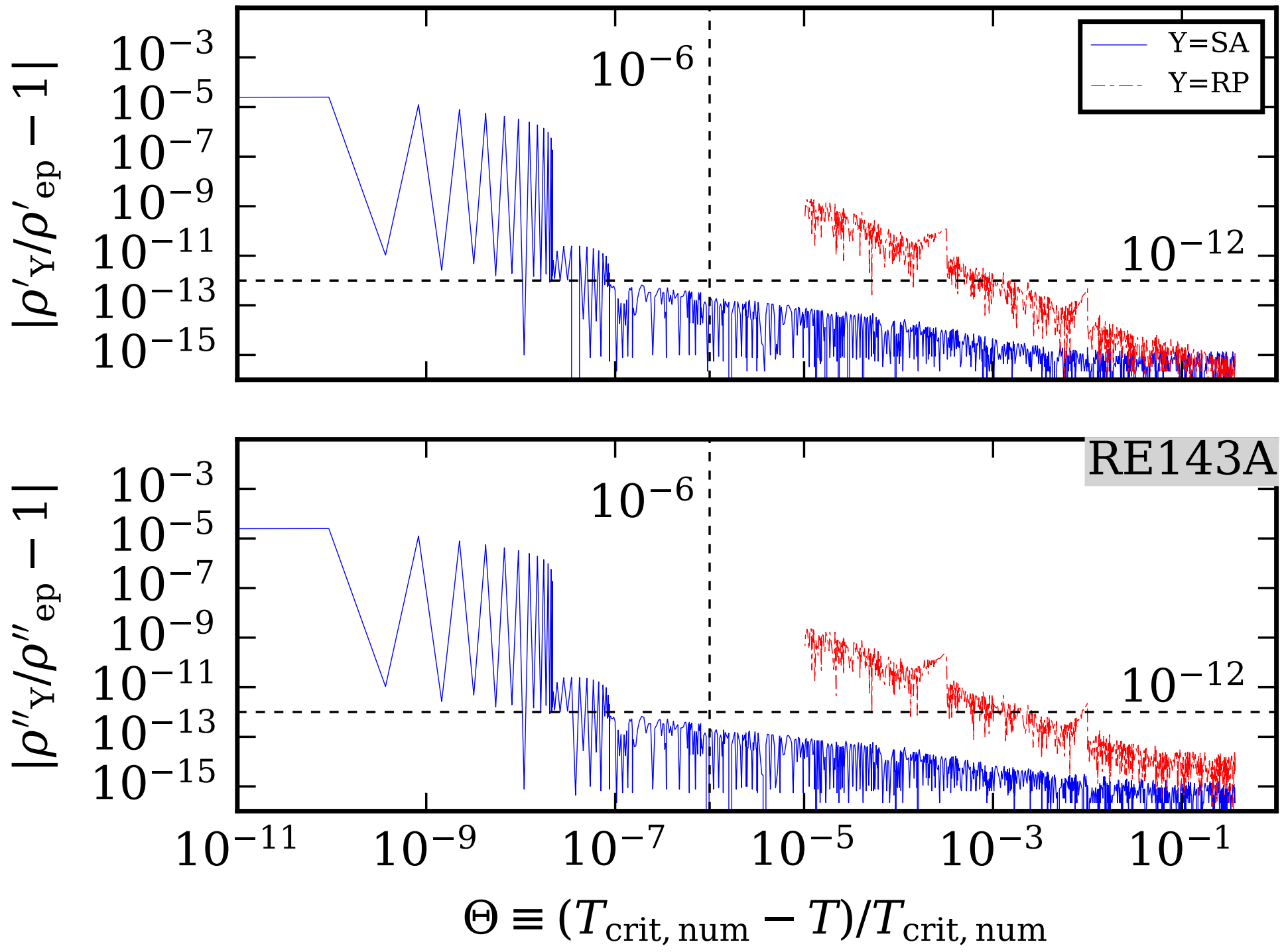

Y=SA
Y=RP
R32
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

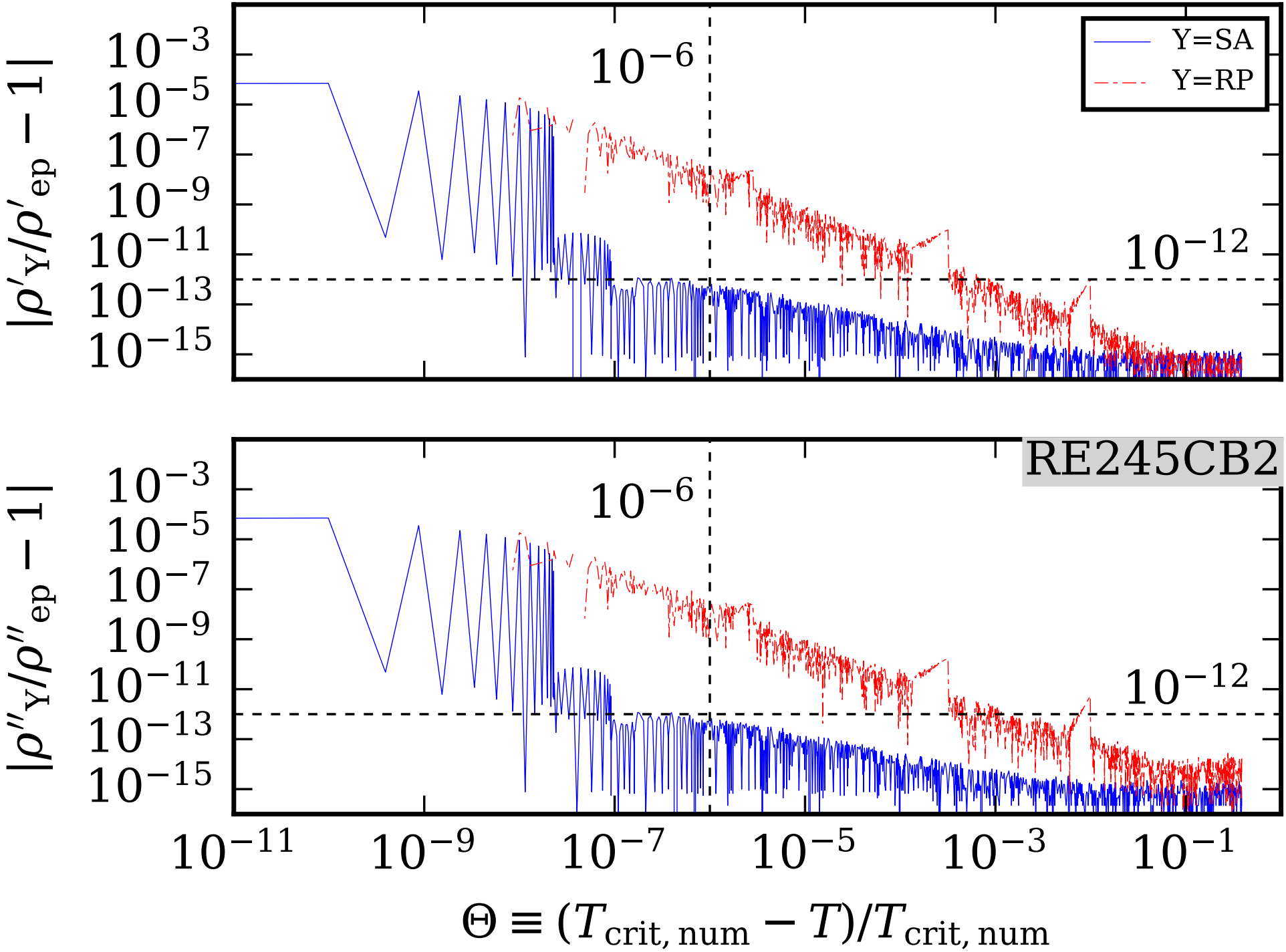

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
R365MFC
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

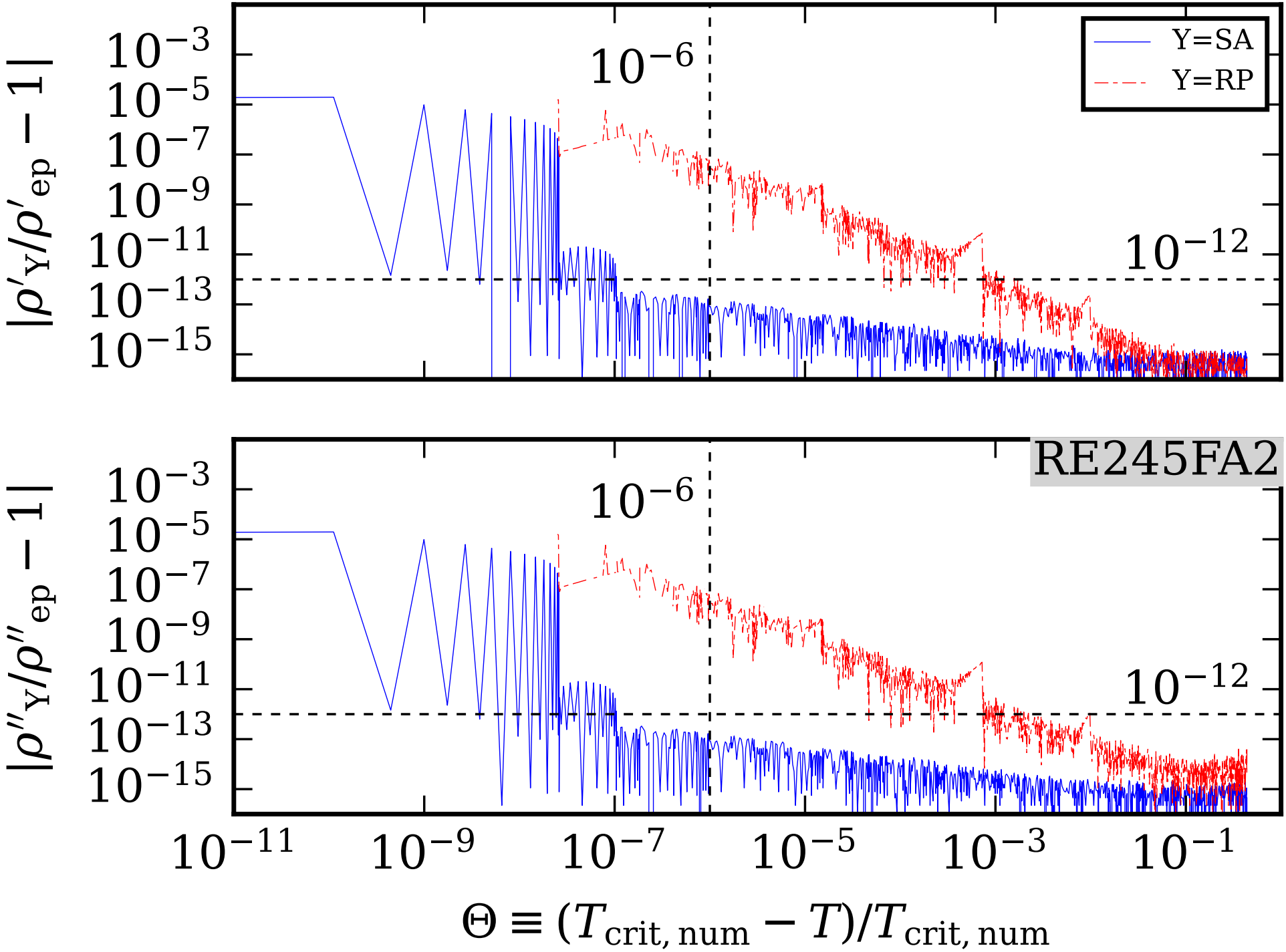

Y=SA
Y=RP
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
R40
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

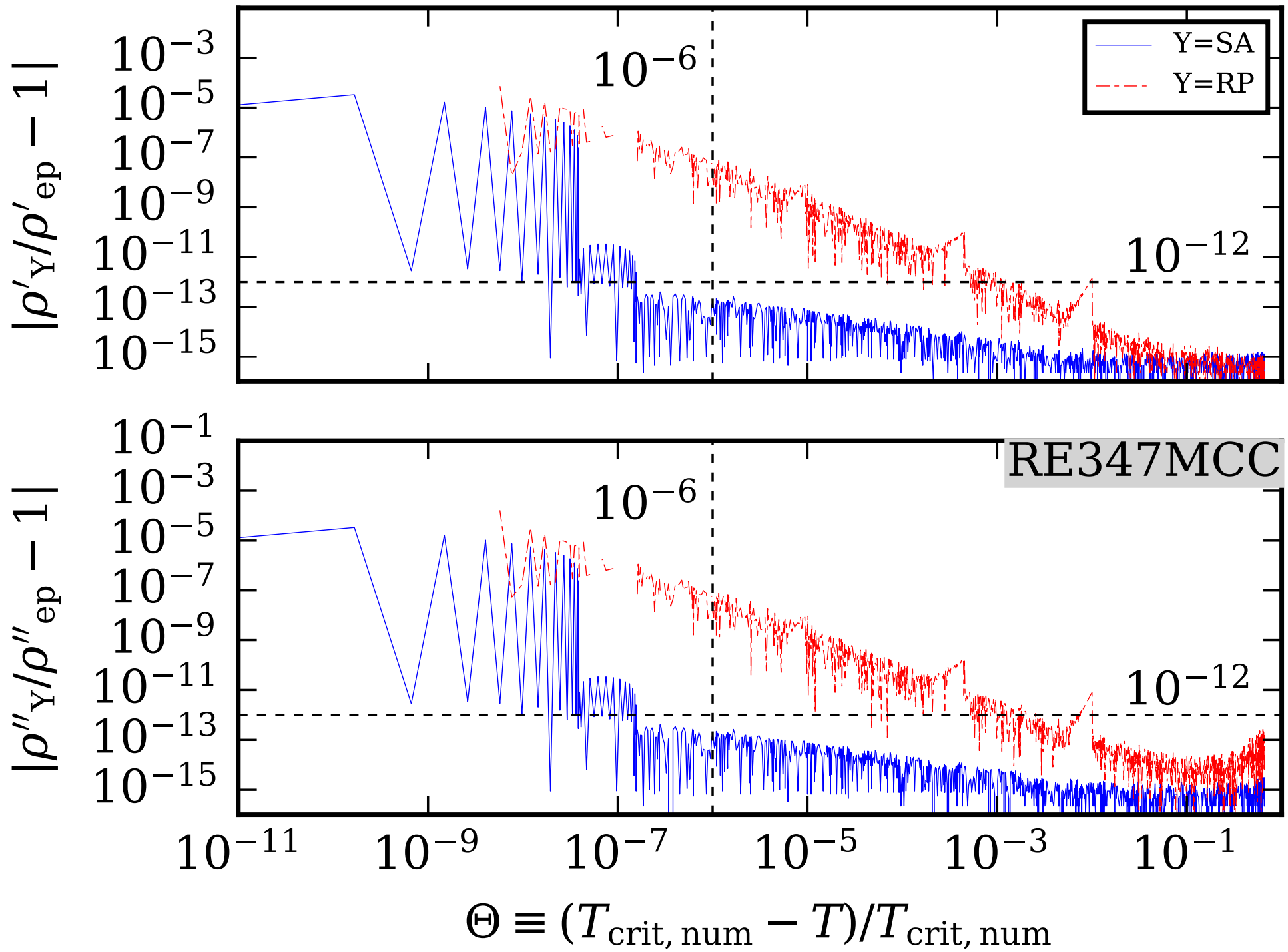

Y=SA
Y=RP
R41
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

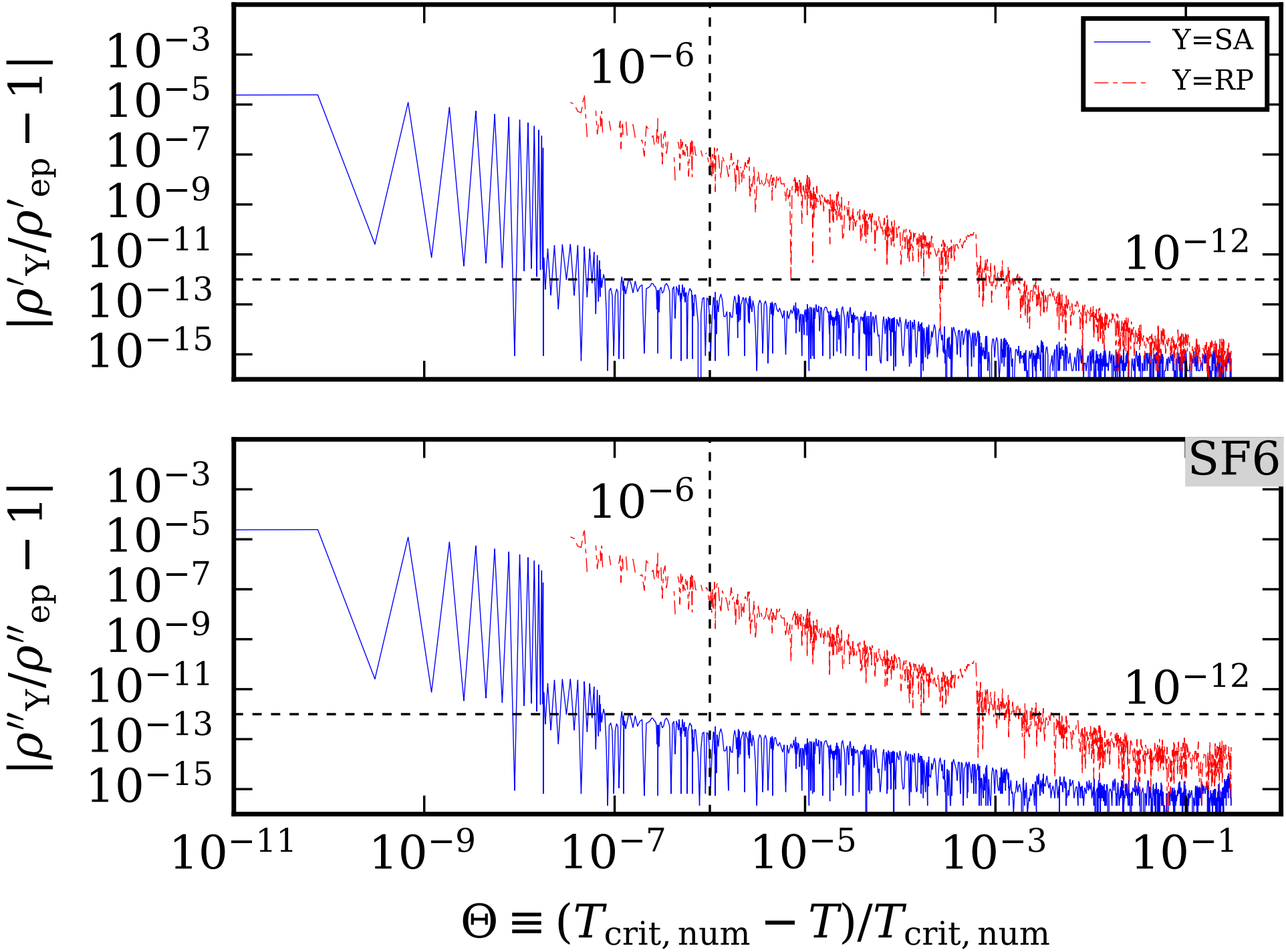

Y=SA
Y=RP
RC318
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

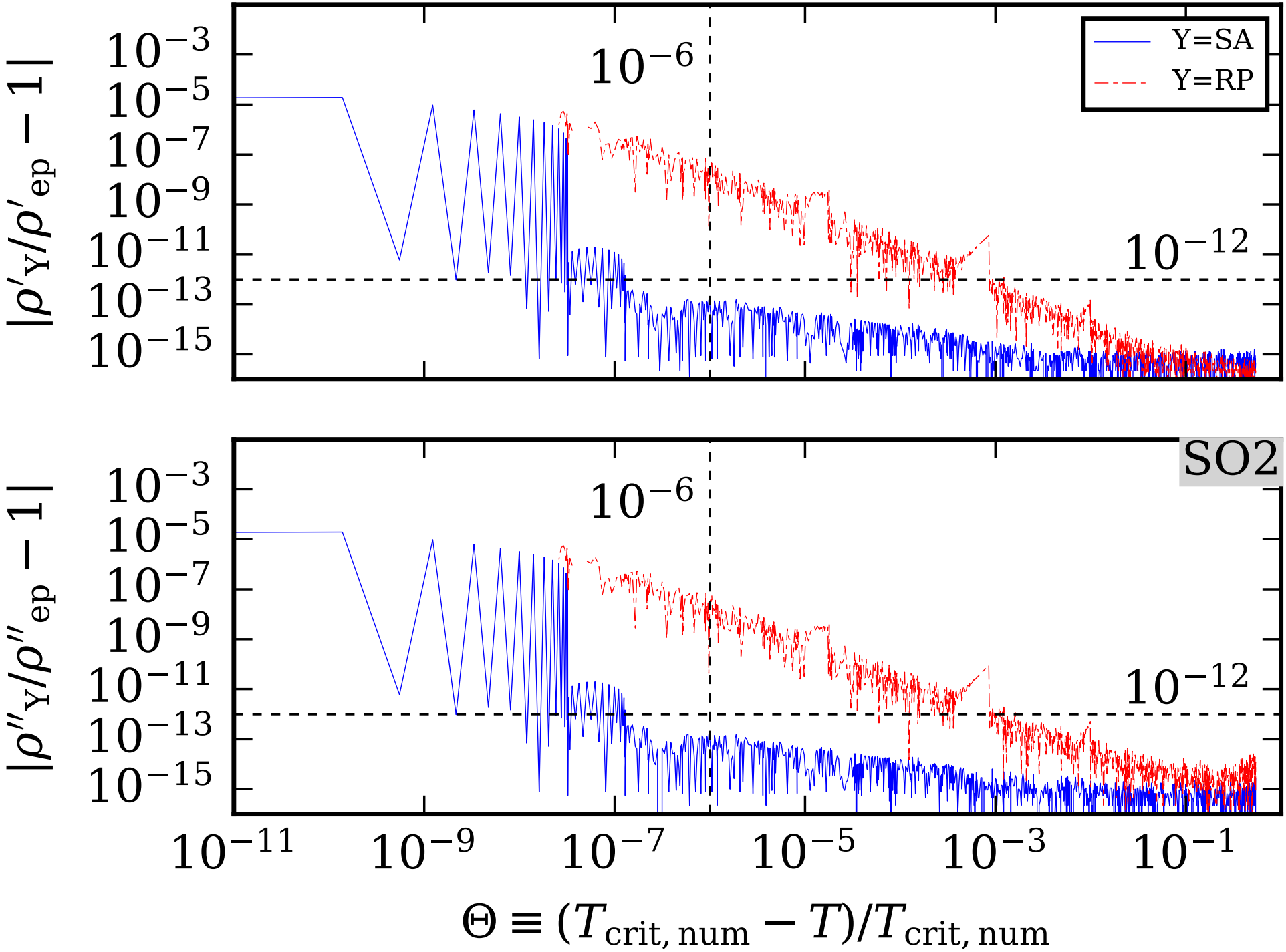

Y=SA
Y=RP
RE143A
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

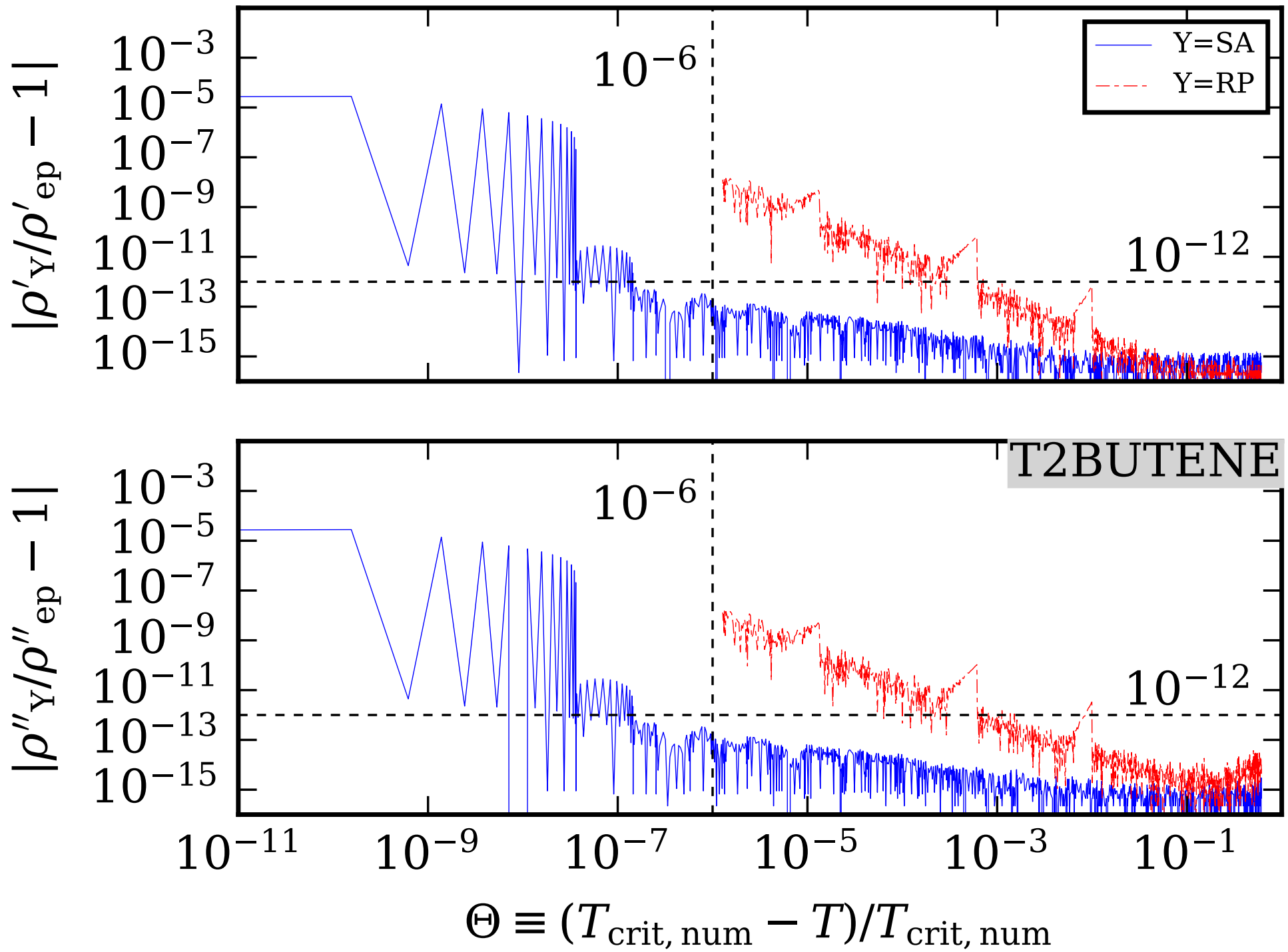

Y=SA
Y=RP
RE245CB2
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

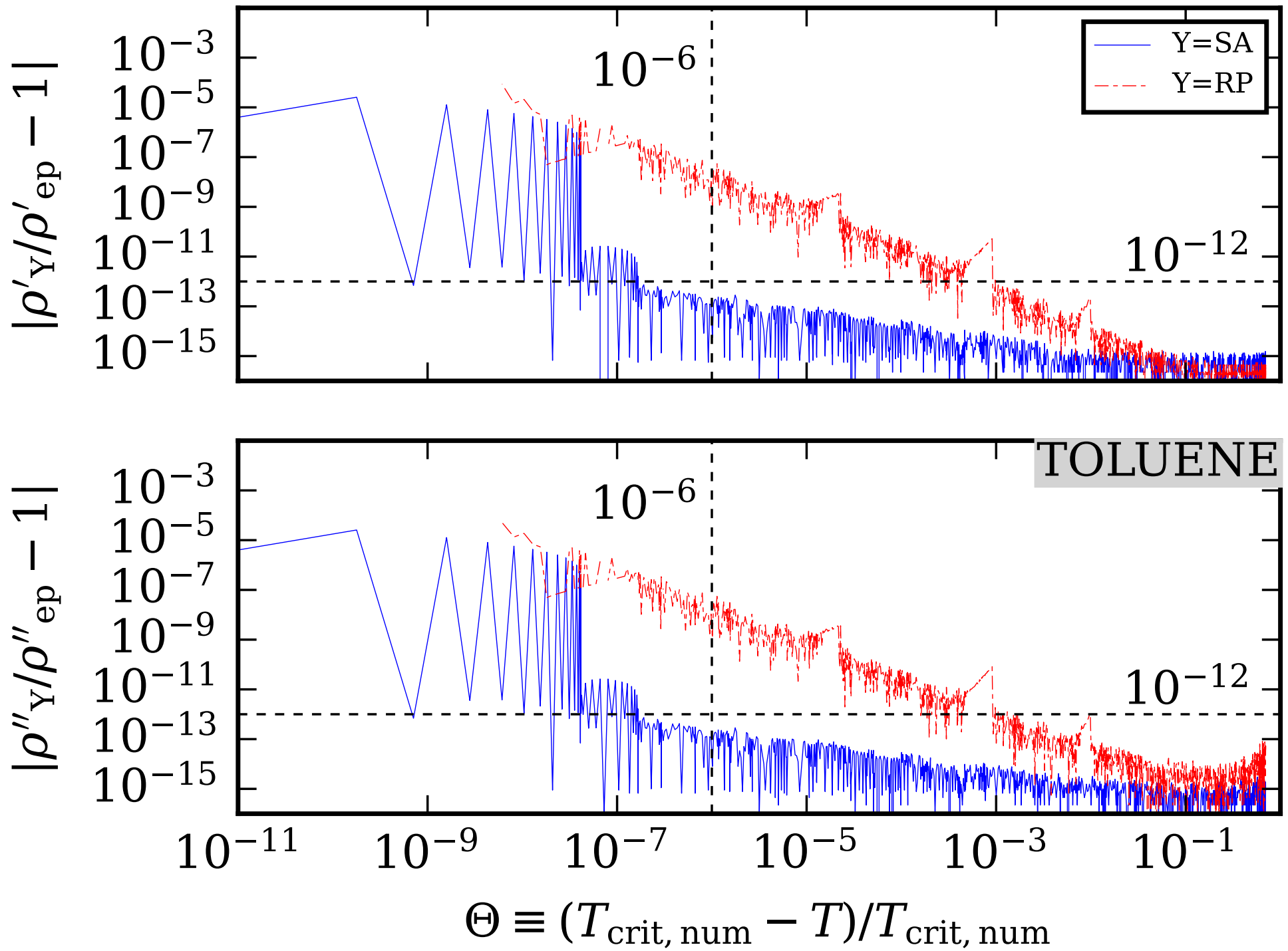

Y=SA
Y=RP
RE245FA2
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

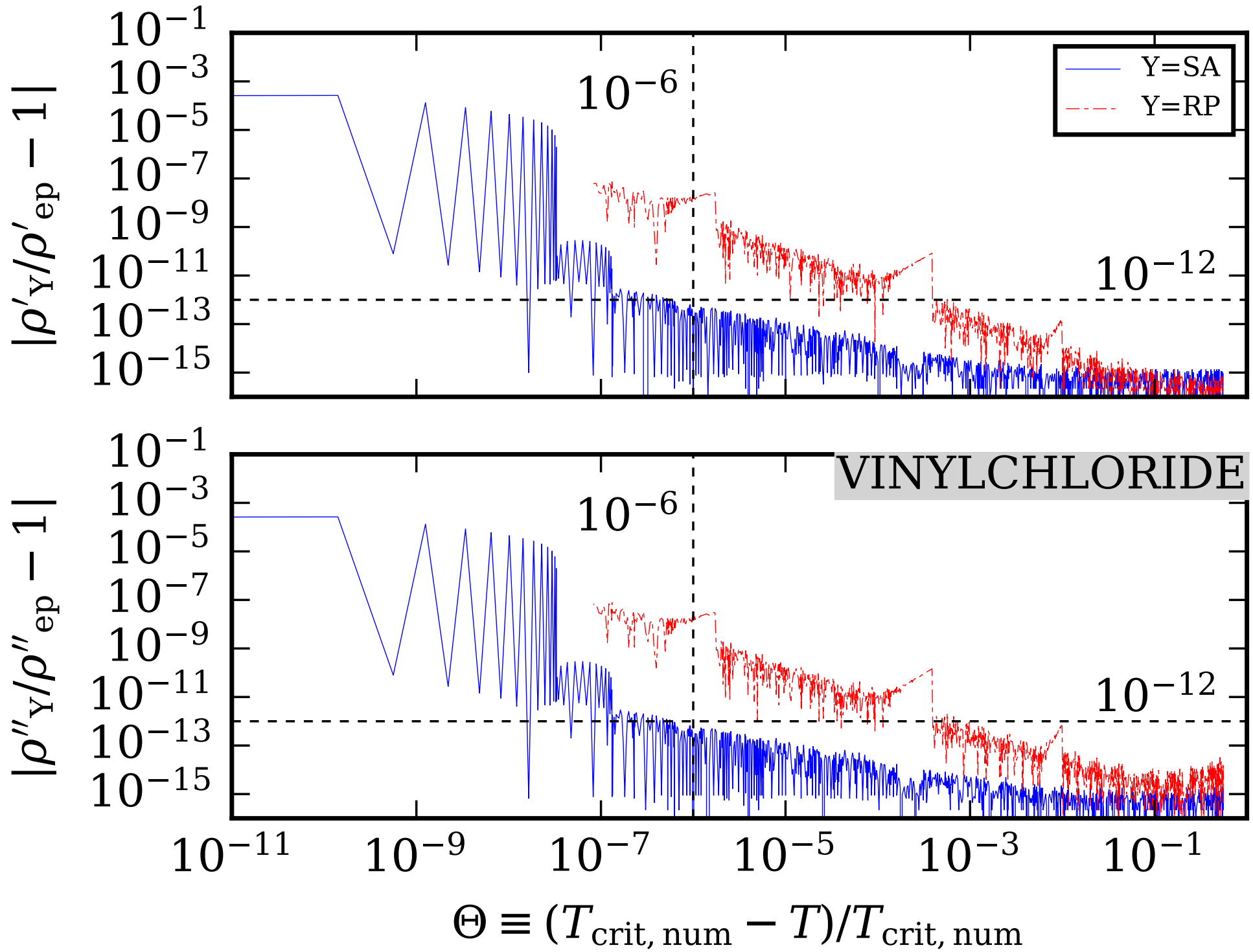

Y=SA
Y=RP
RE347MCC
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-1}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

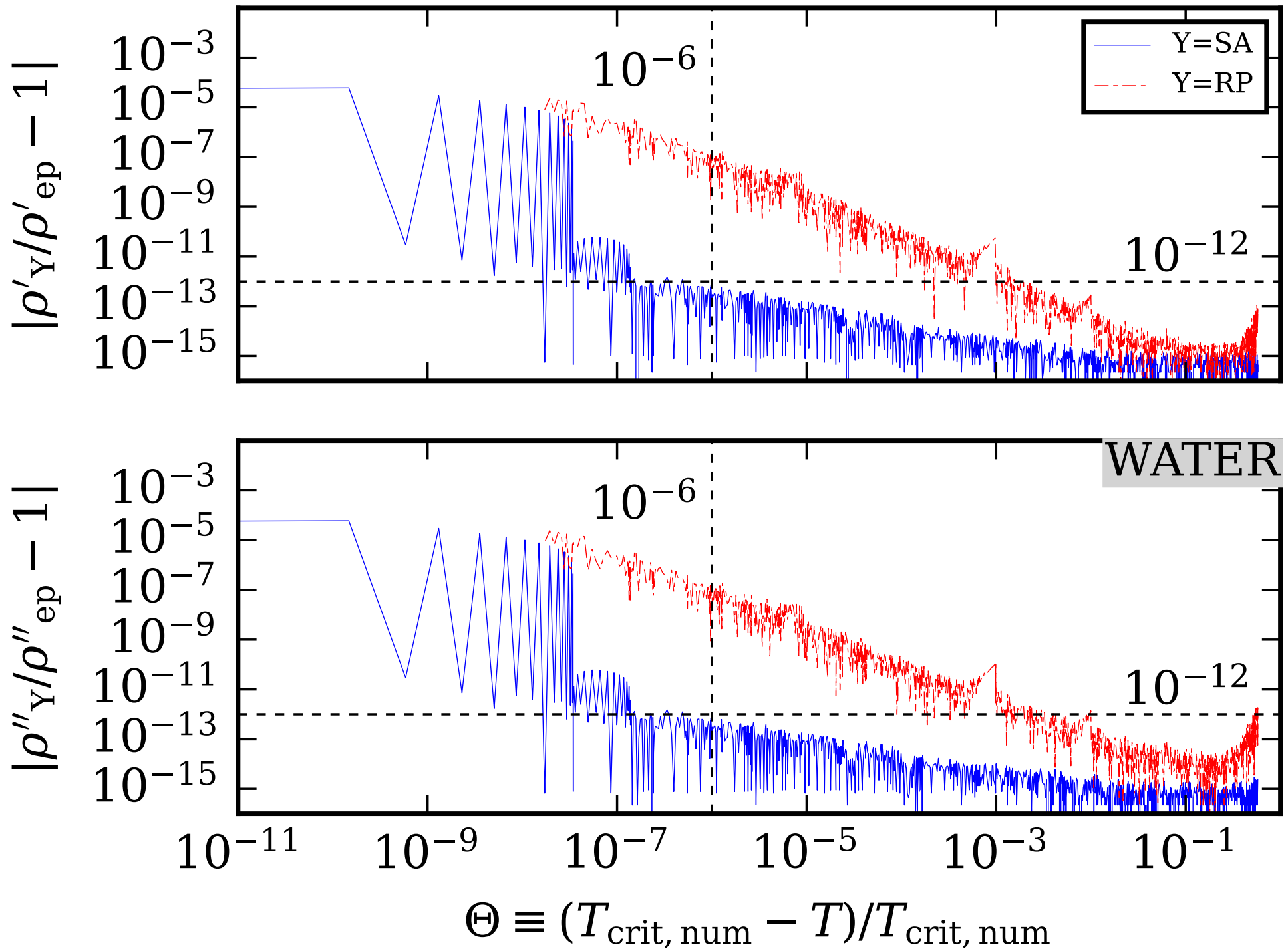

Y=SA
Y=RP
SF6
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$

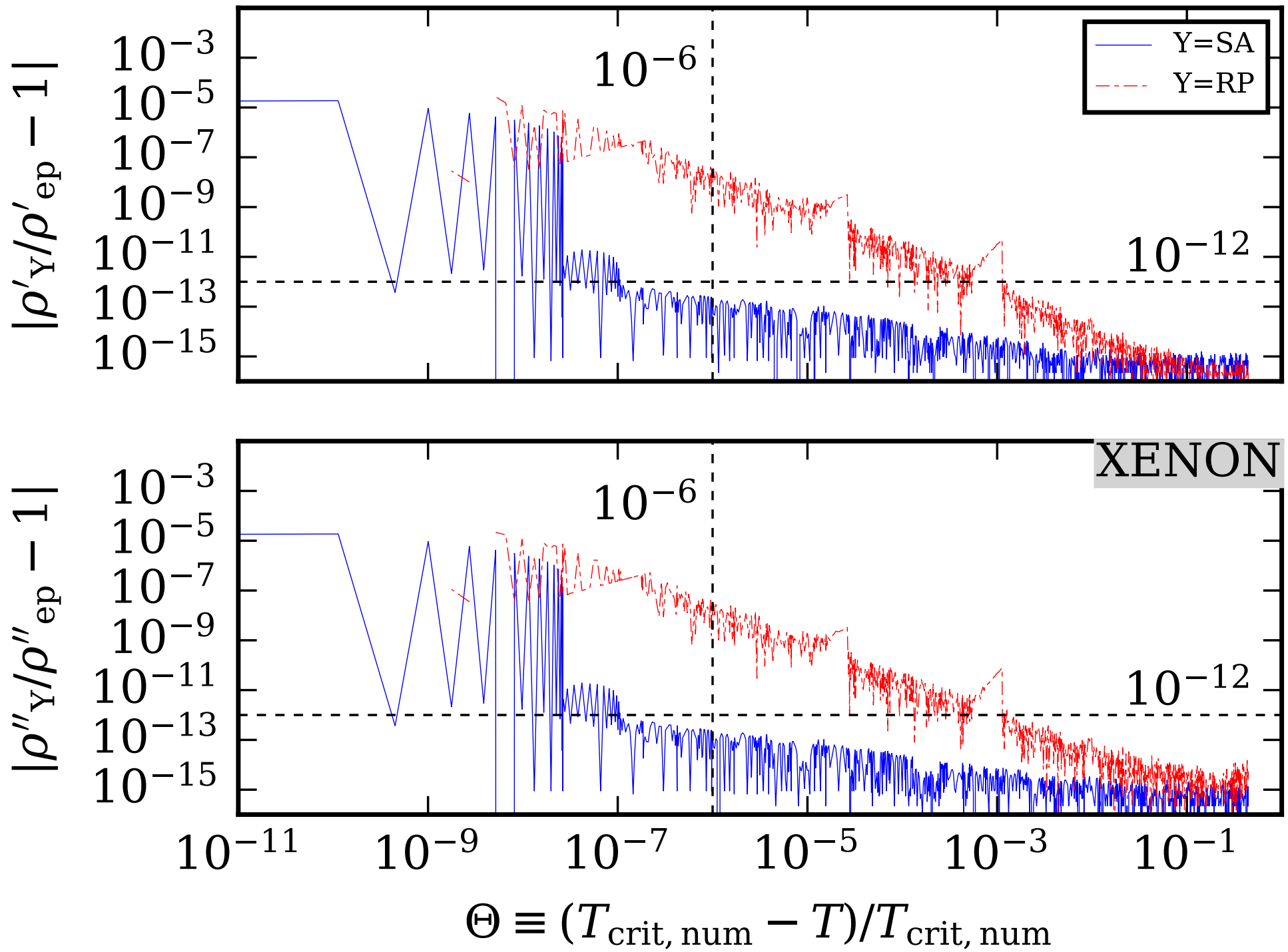

Y=SA
Y=RP
SO2
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$


Y=SA
Y=RP
T2BUTENE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


Y=SA
Y=RP
TOLUENE
10^{-6}
10^{-12}
$|\rho'_{\mathrm{Y}}/\rho'_{\mathrm{ep}} - 1|$
$|\rho''_{\mathrm{Y}}/\rho''_{\mathrm{ep}} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\mathrm{crit,\,num}} - T)/T_{\mathrm{crit,\,num}}$


Y=SA
Y=RP
VINYLCHLORIDE
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$


Y=SA
Y=RP
WATER
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$


Y=SA
Y=RP
XENON
10^{-6}
10^{-12}
$|\rho'_{\rm Y}/\rho'_{\rm ep} - 1|$
$|\rho''_{\rm Y}/\rho''_{\rm ep} - 1|$
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
10^{-13}
10^{-15}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
$\Theta \equiv (T_{\rm crit,\,num} - T)/T_{\rm crit,\,num}$