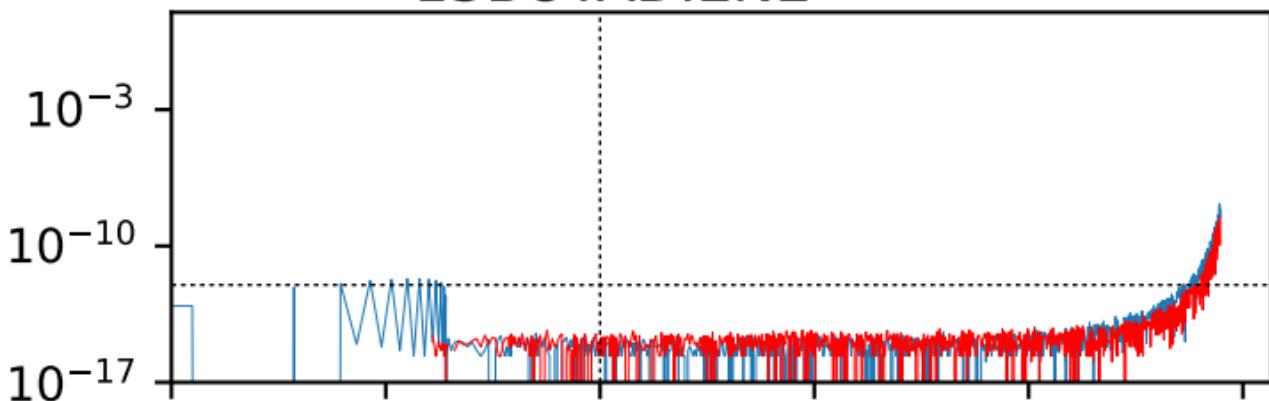
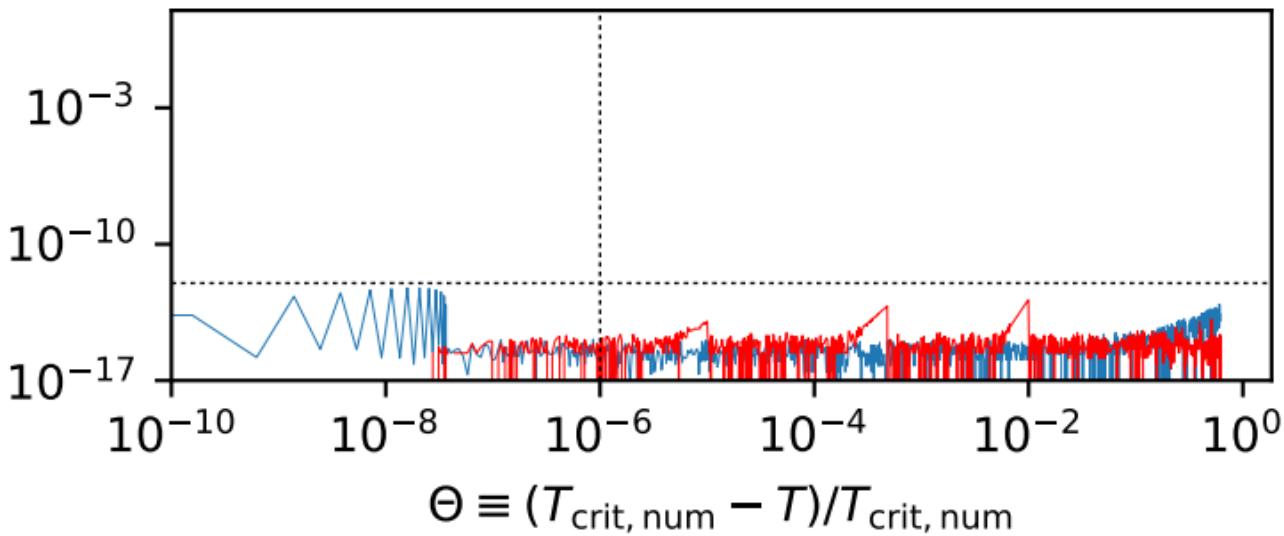


# 13BUTADIENE

$r_p$



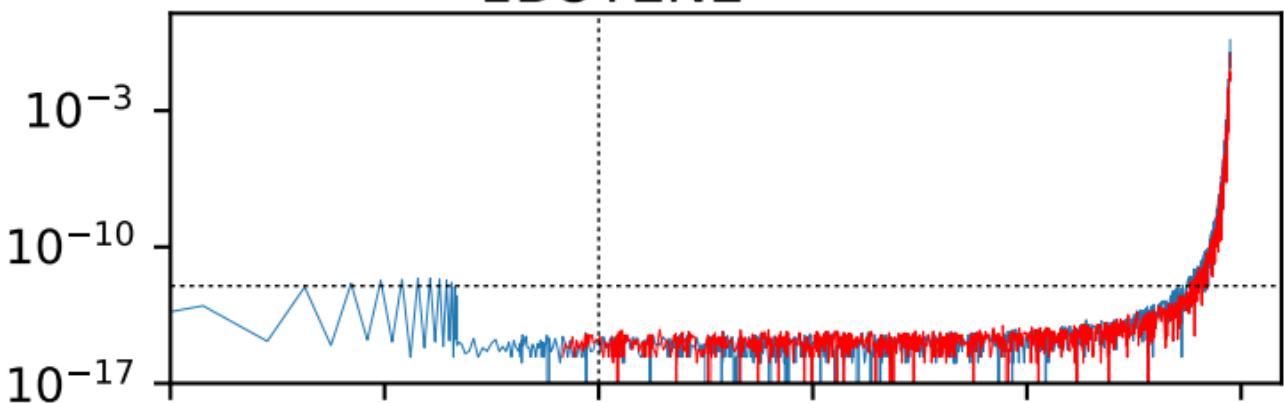
$r_\mu$



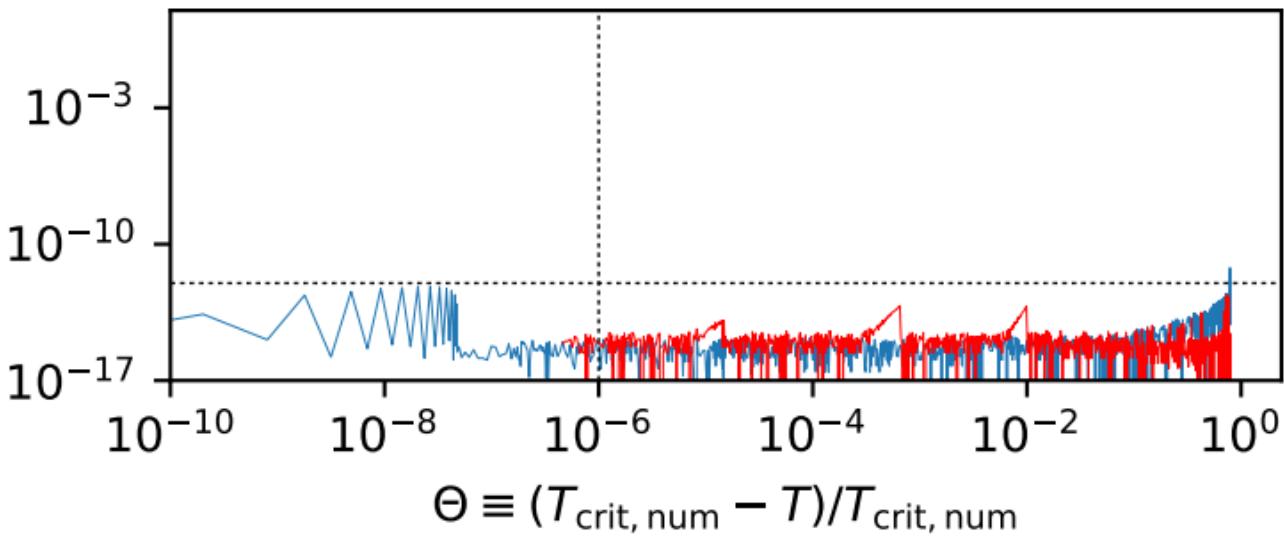
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# 1BUTENE

$r_p$

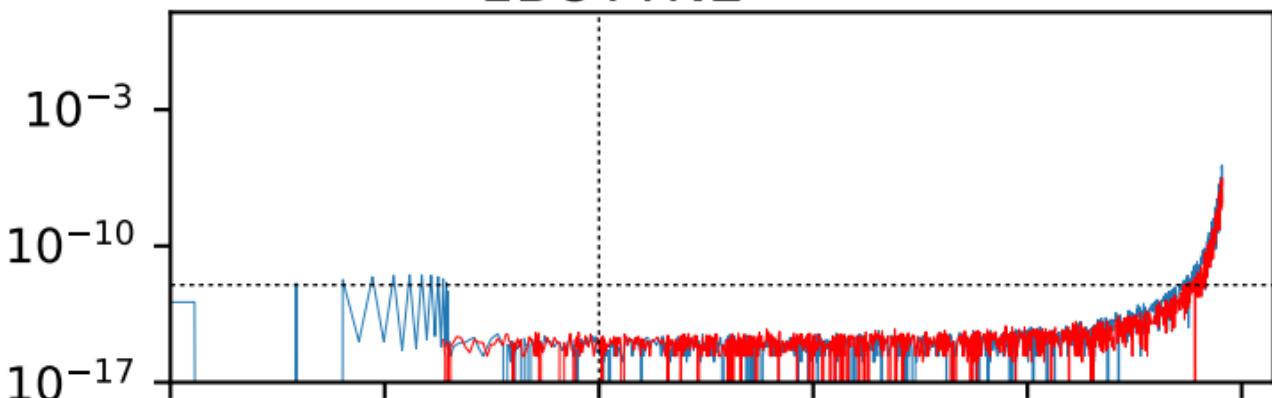


$r_\mu$

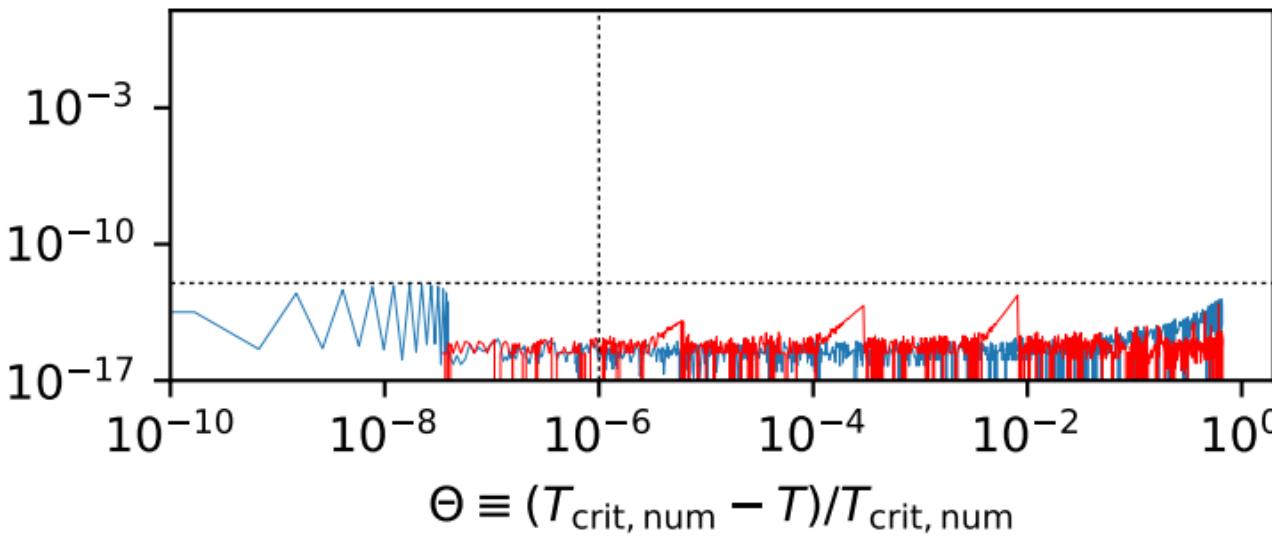


# 1BUTYNE

$r_p$



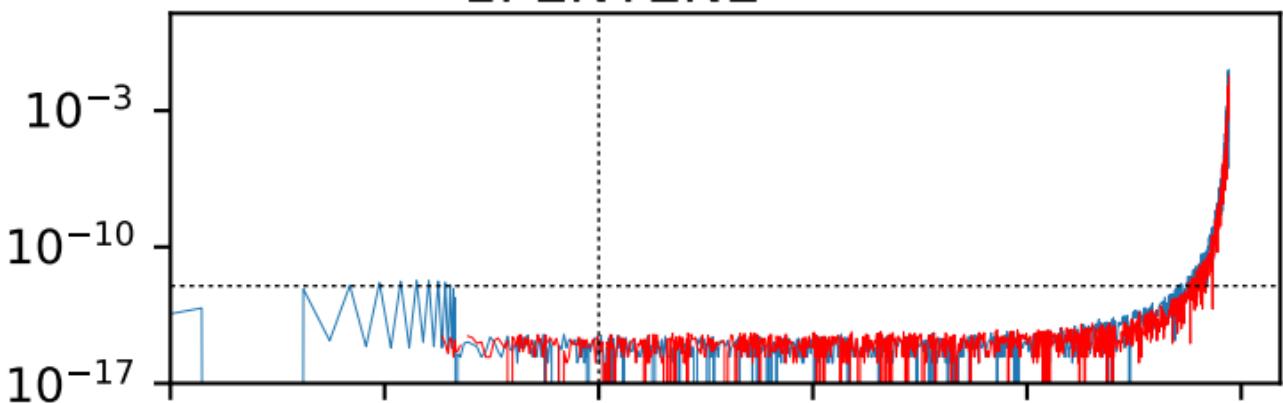
$r_\mu$



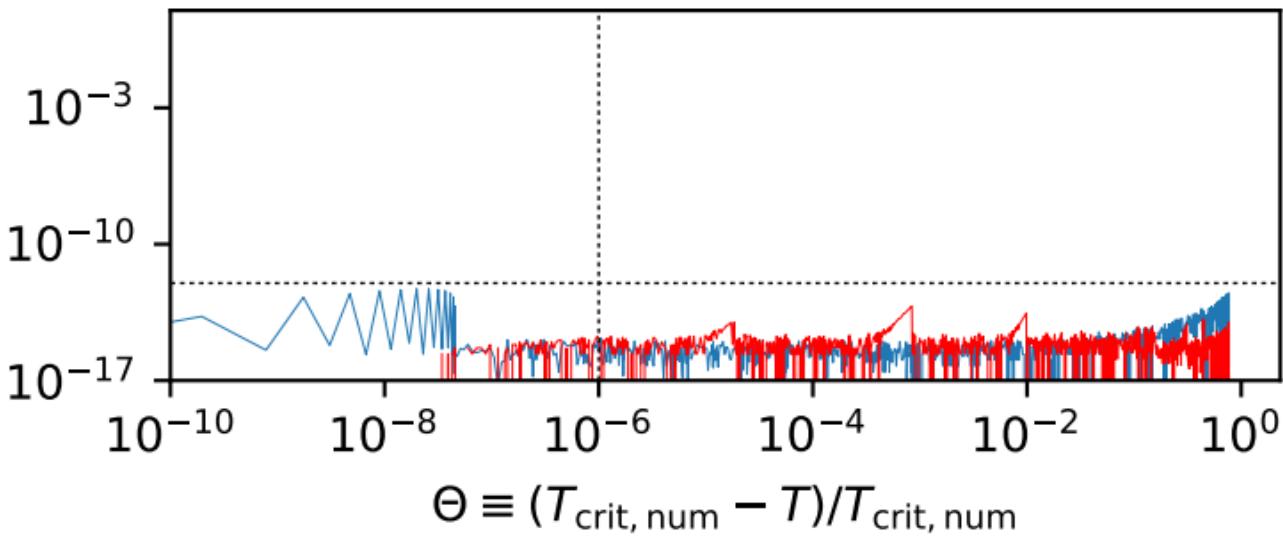
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# 1PENTENE

$r_p$



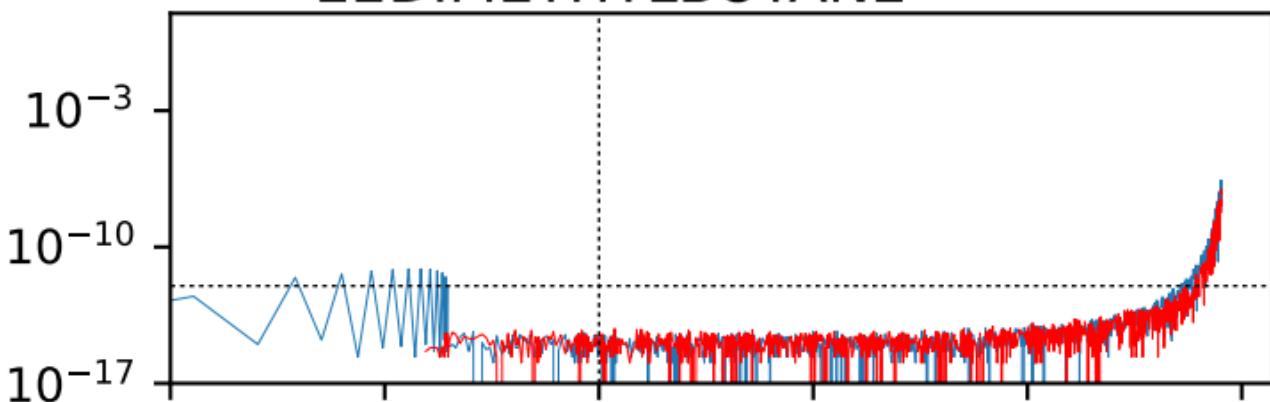
$r_\mu$



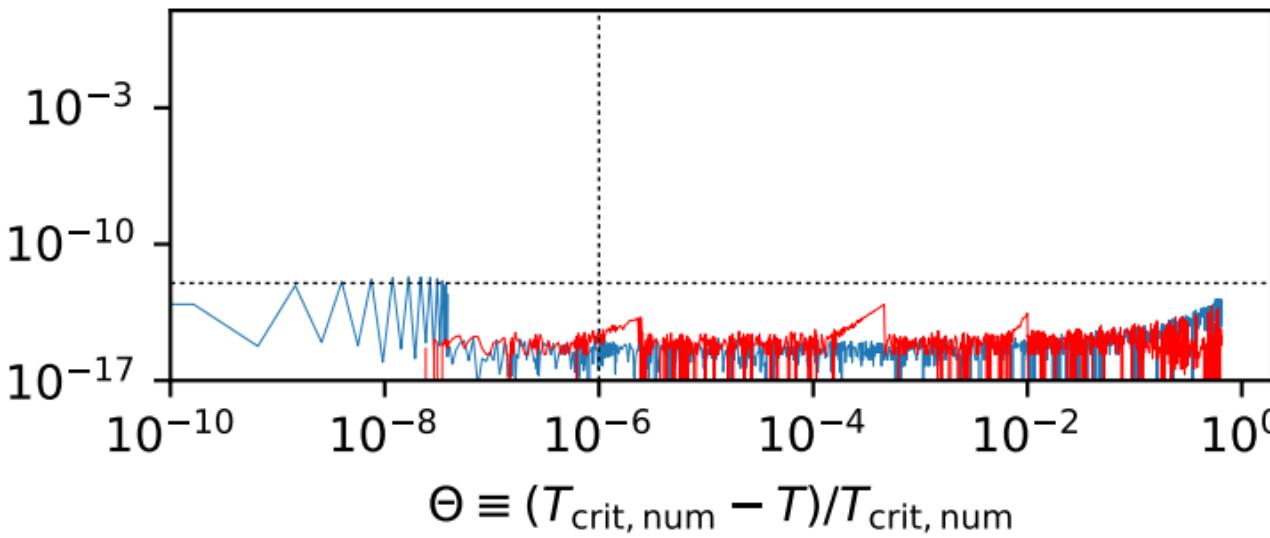
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# 22DIMETHYLBUTANE

$r_p$

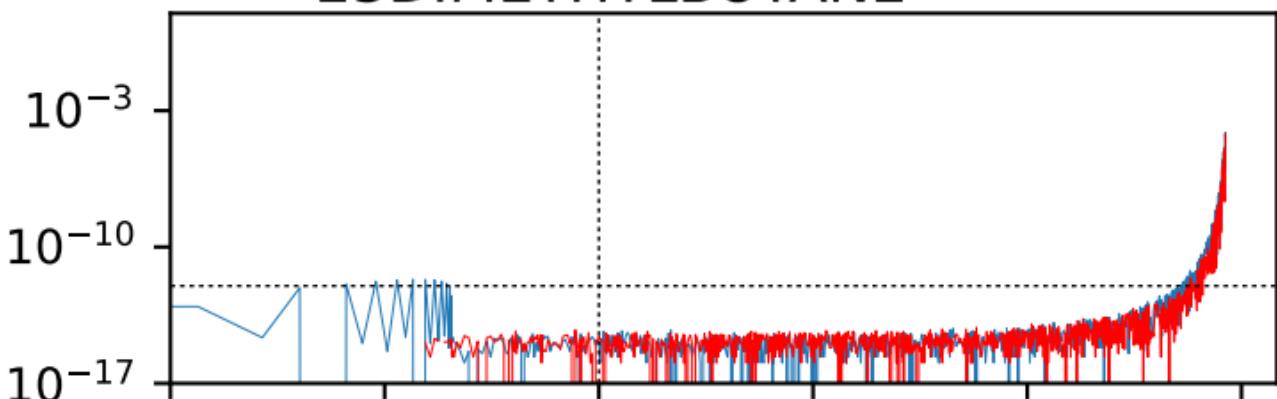


$r_u$

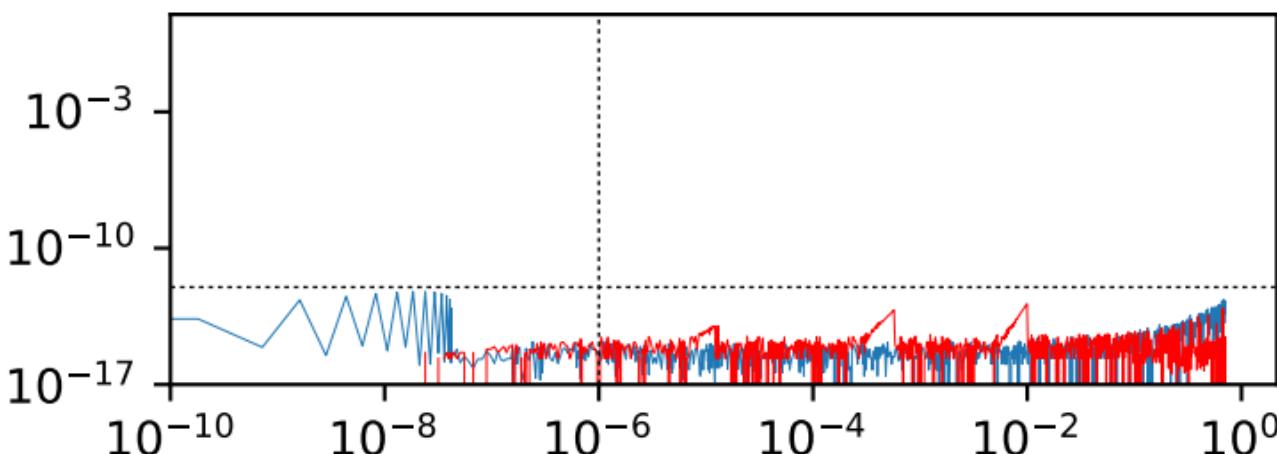


# 23DIMETHYLBUTANE

$r_p$

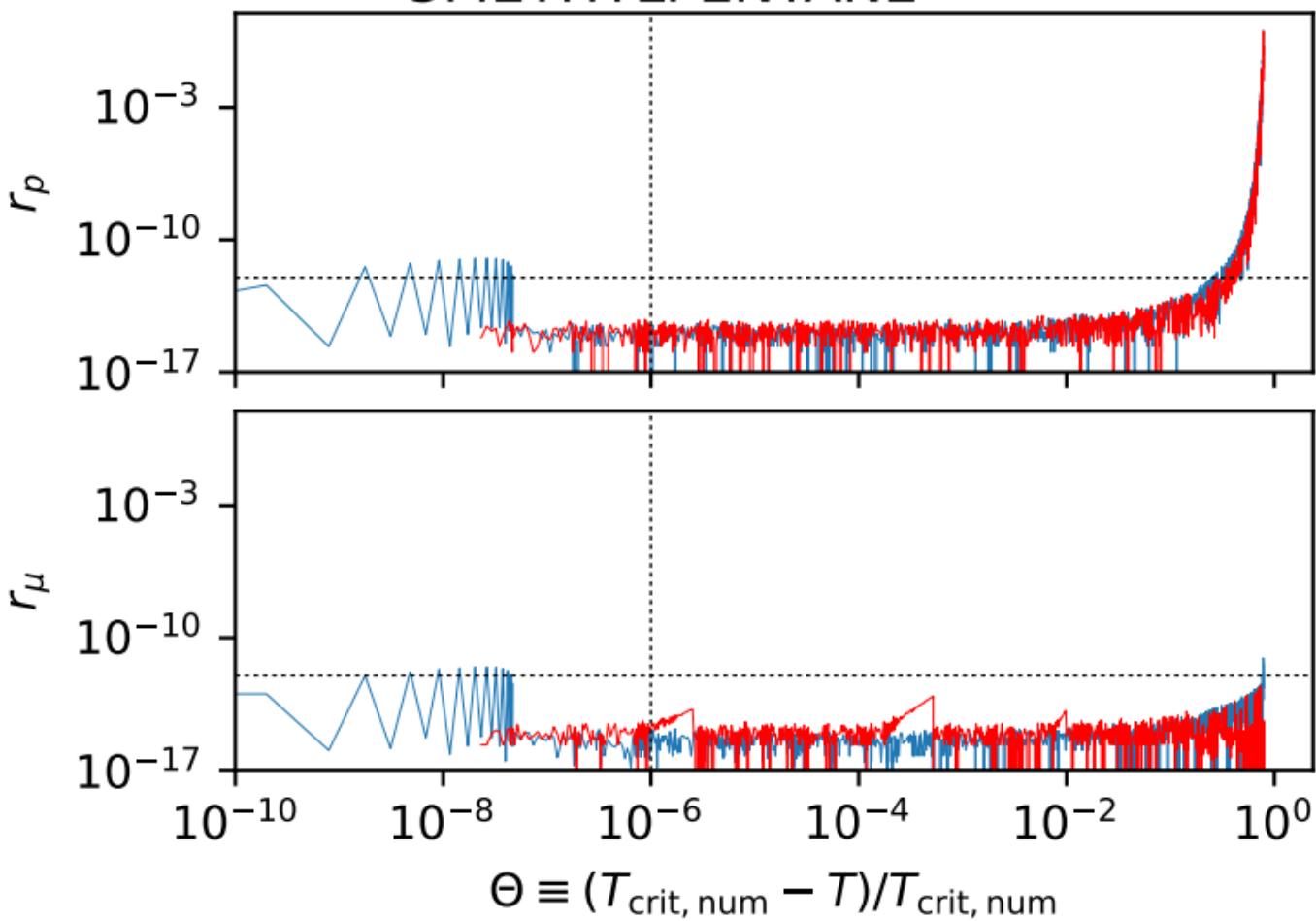


$r_\mu$



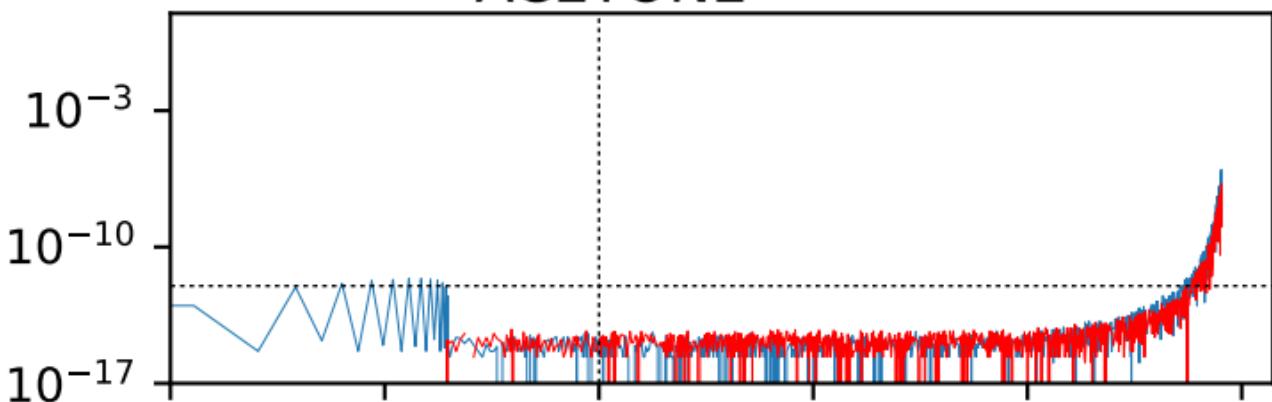
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# 3METHYLPENTANE

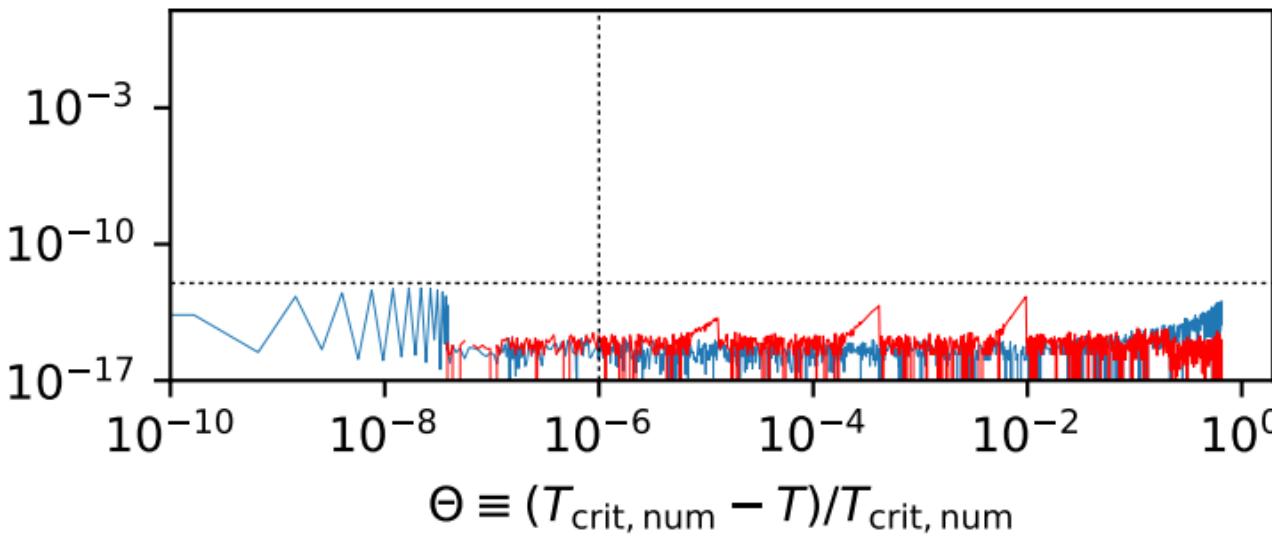


# ACETONE

$r_p$

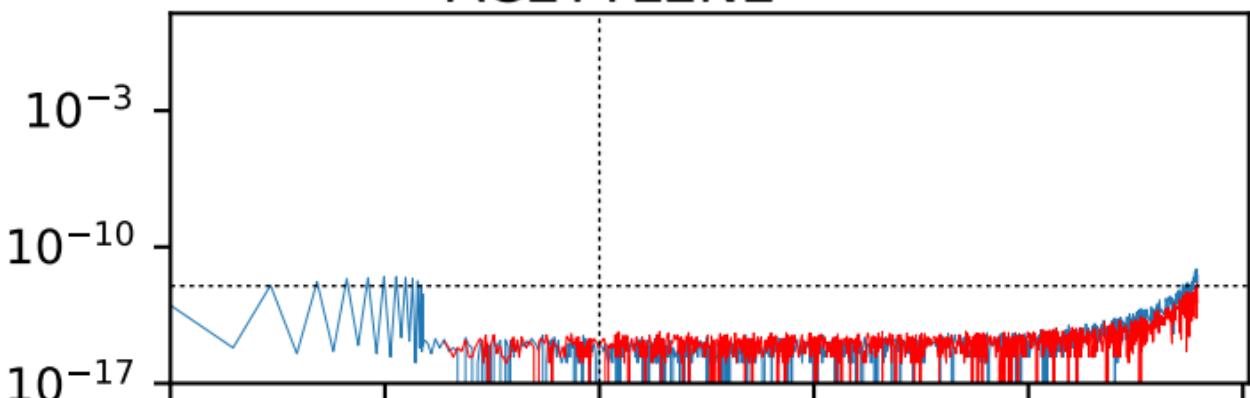


$r_\mu$

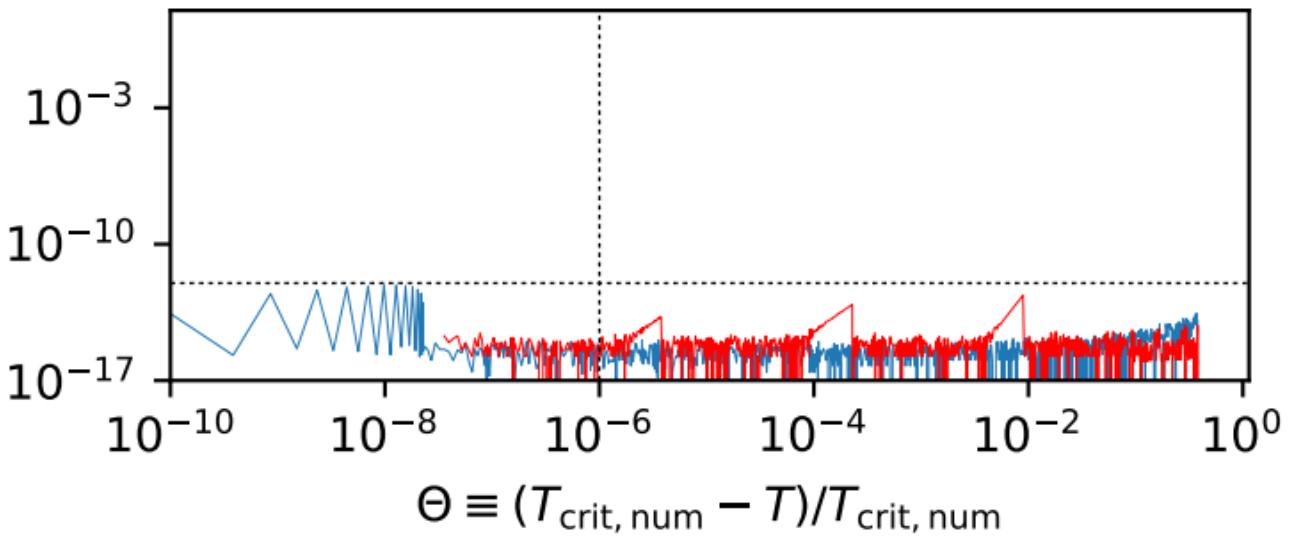


# ACETYLENE

$r_p$



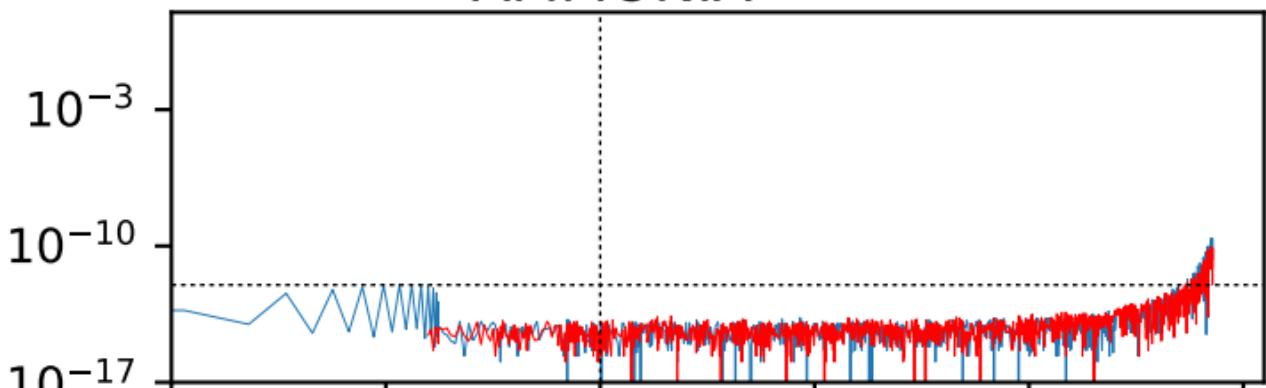
$r_\mu$



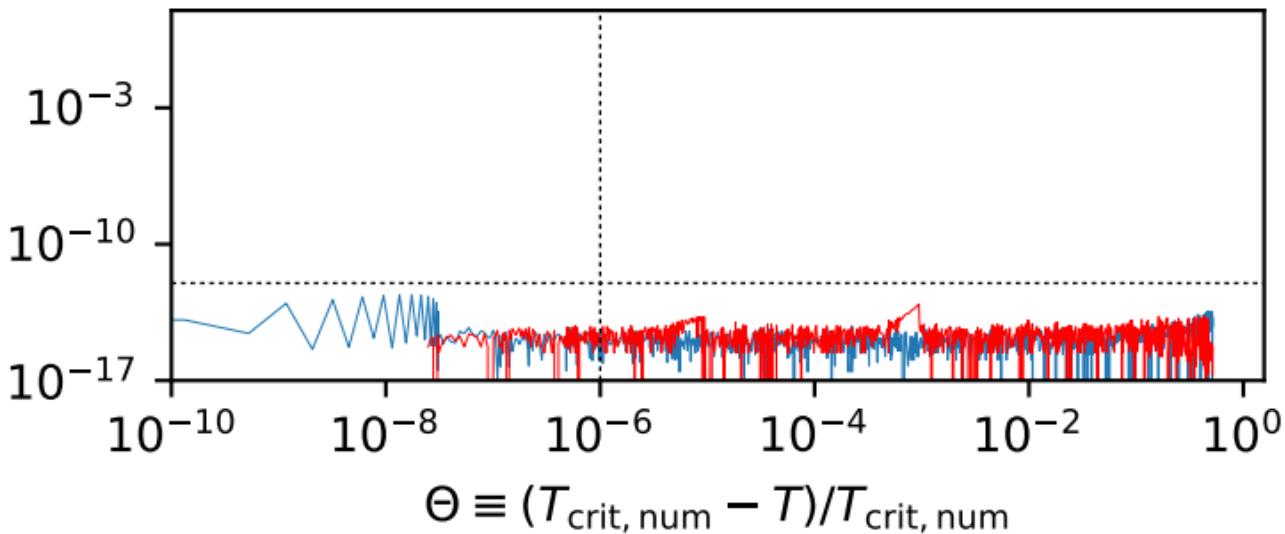
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# AMMONIA

$r_p$

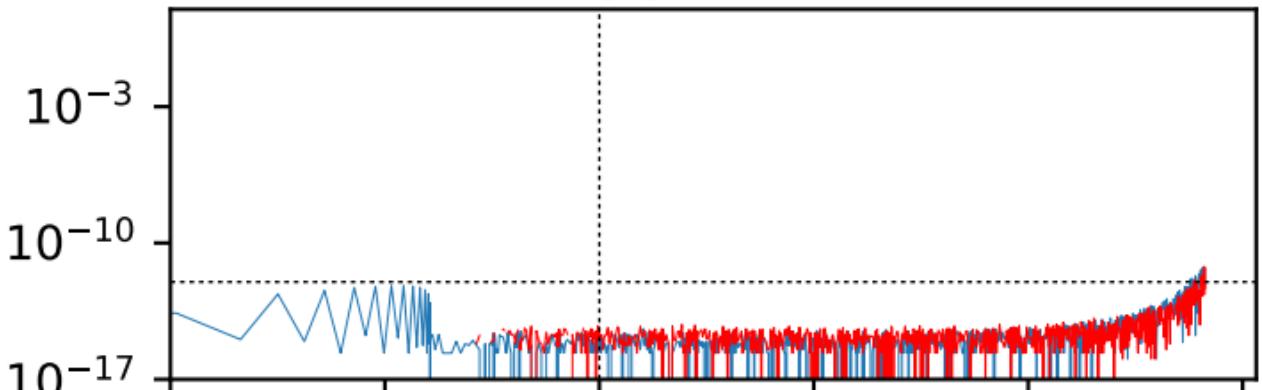


$r_\mu$

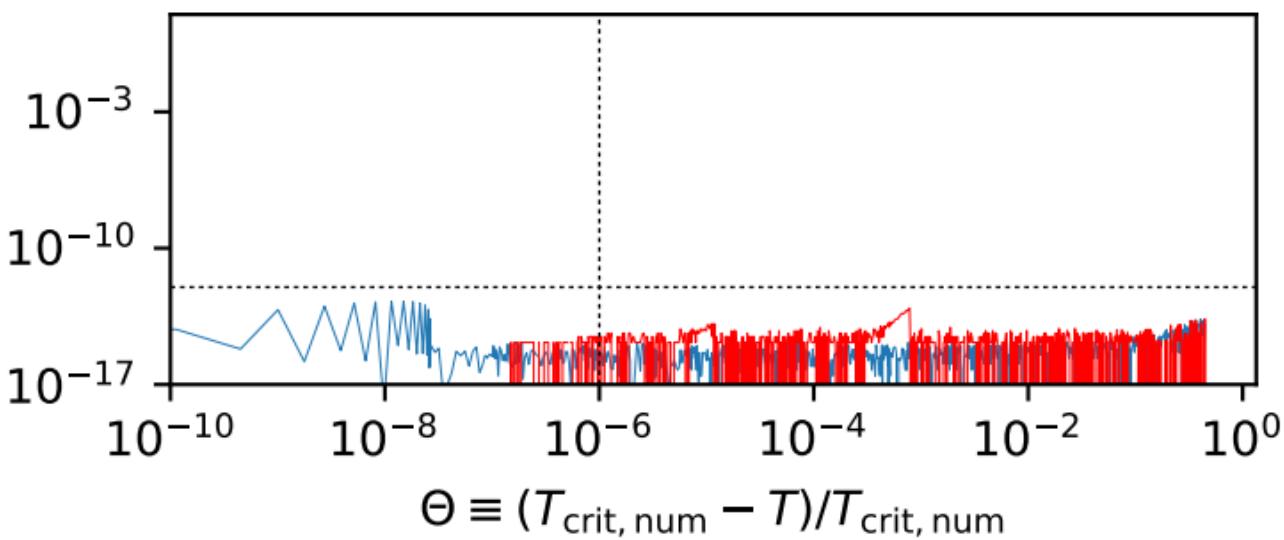


# ARGON

$r_p$



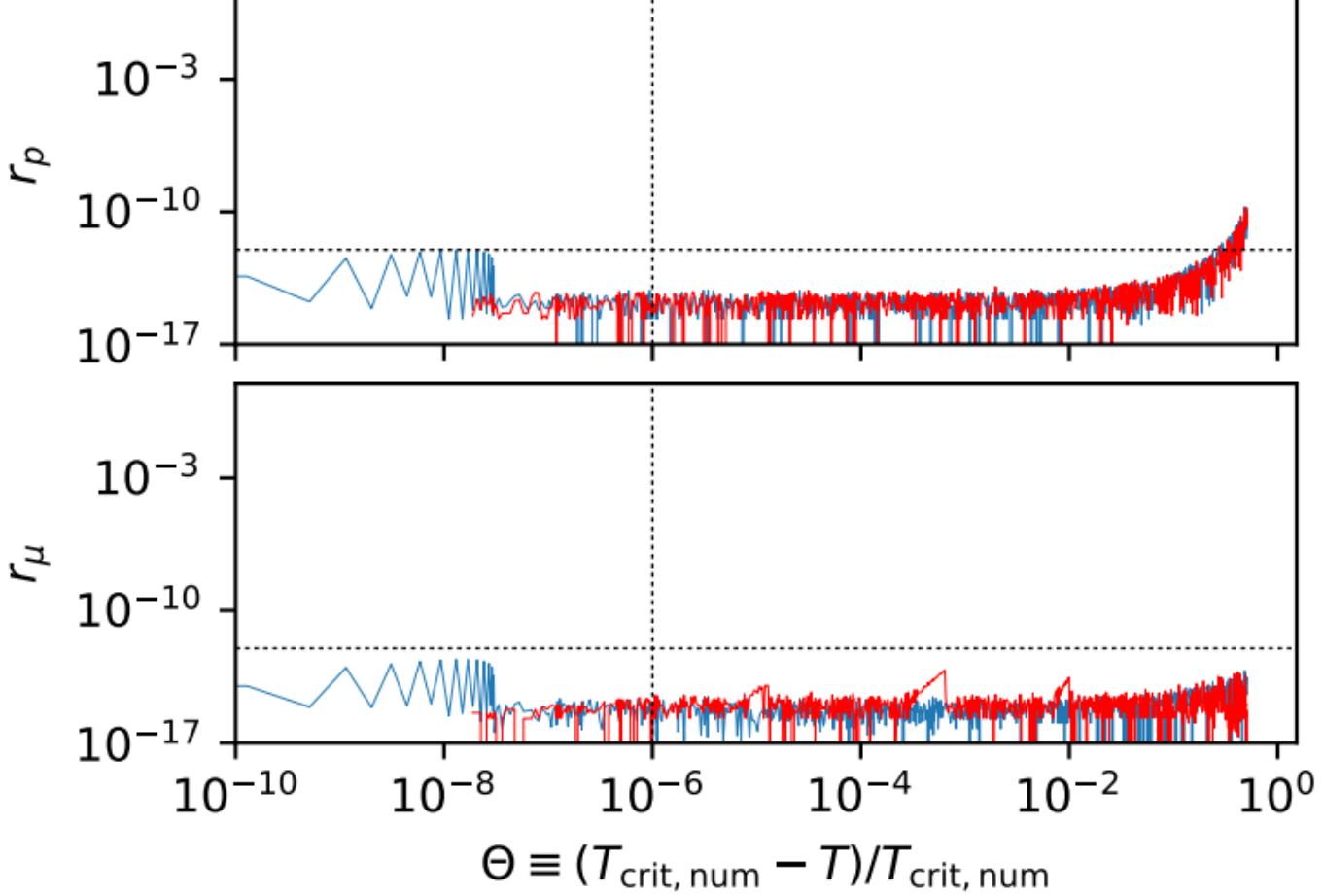
$r_\mu$



# BENZENE

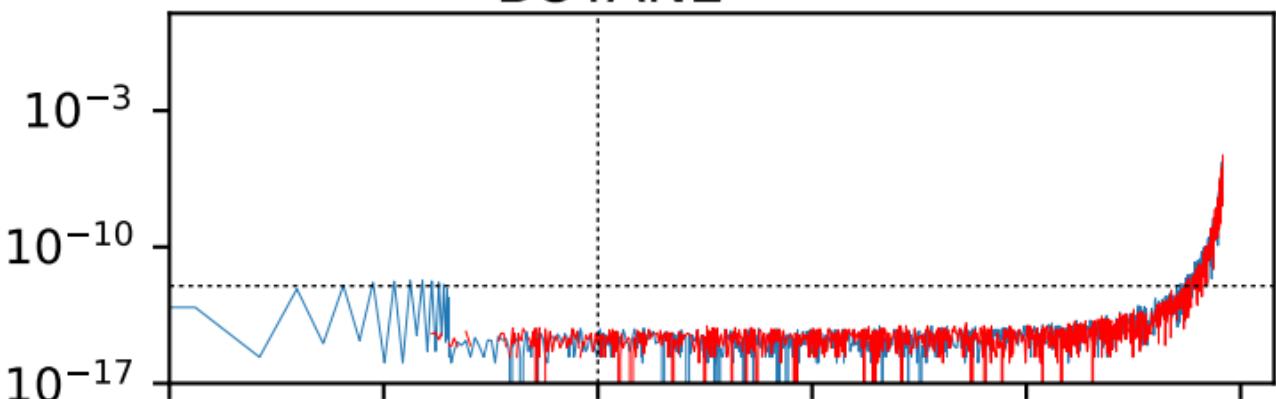
$r_p$

$r_\mu$

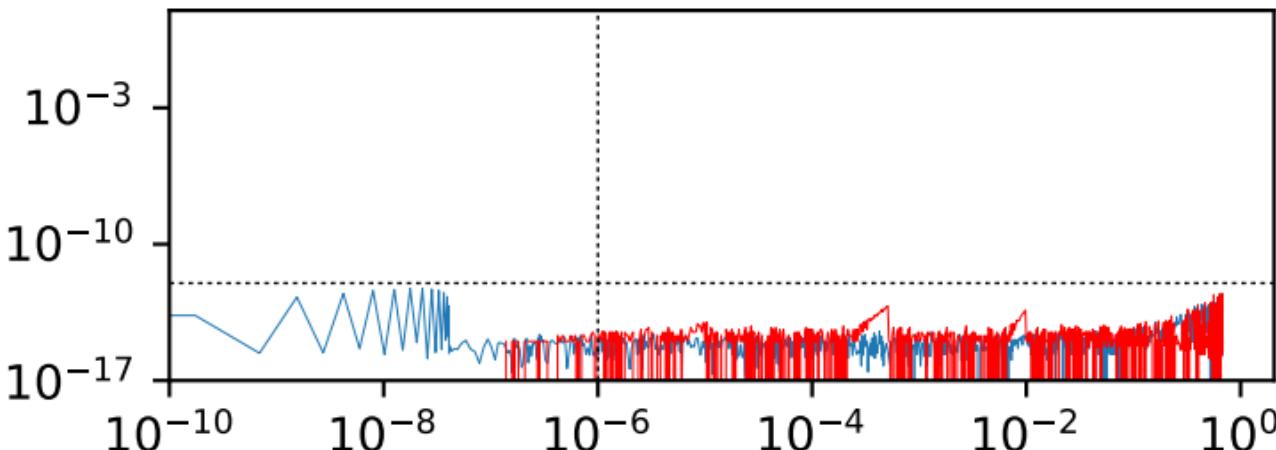


# BUTANE

$r_p$



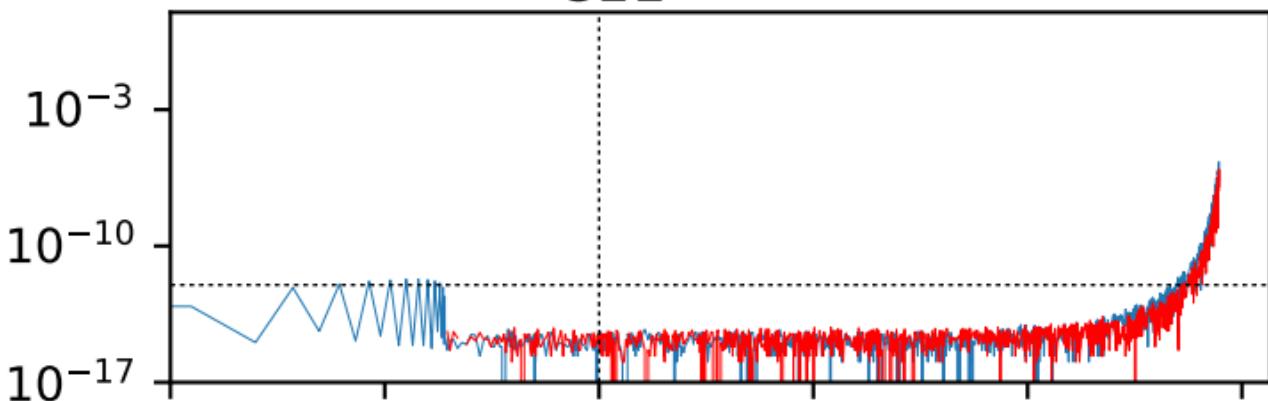
$r_\mu$



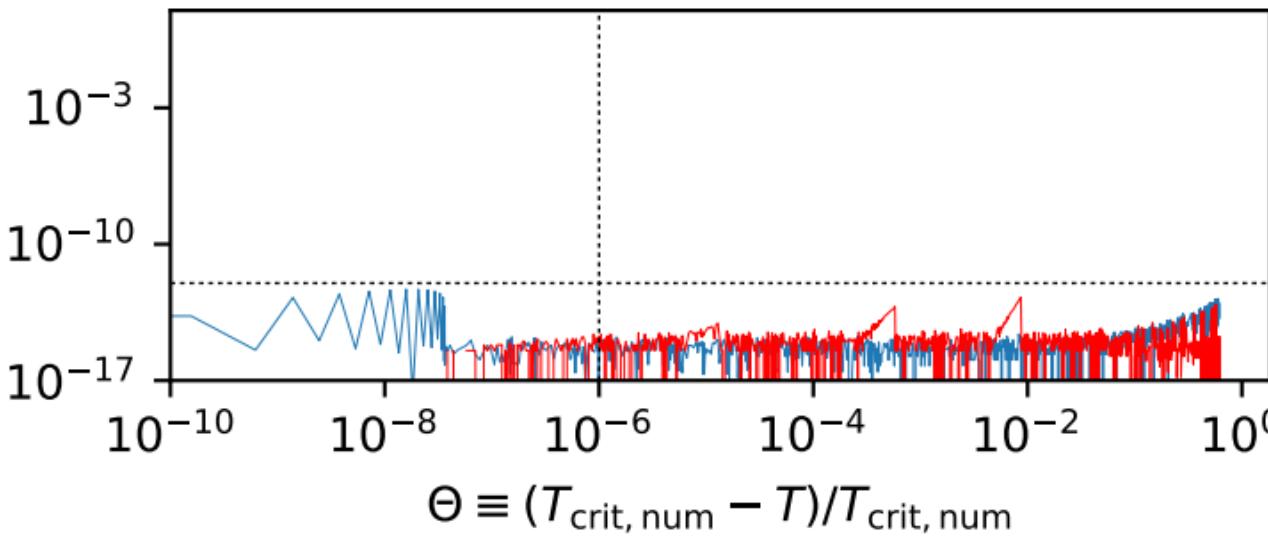
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

C11

$r_p$



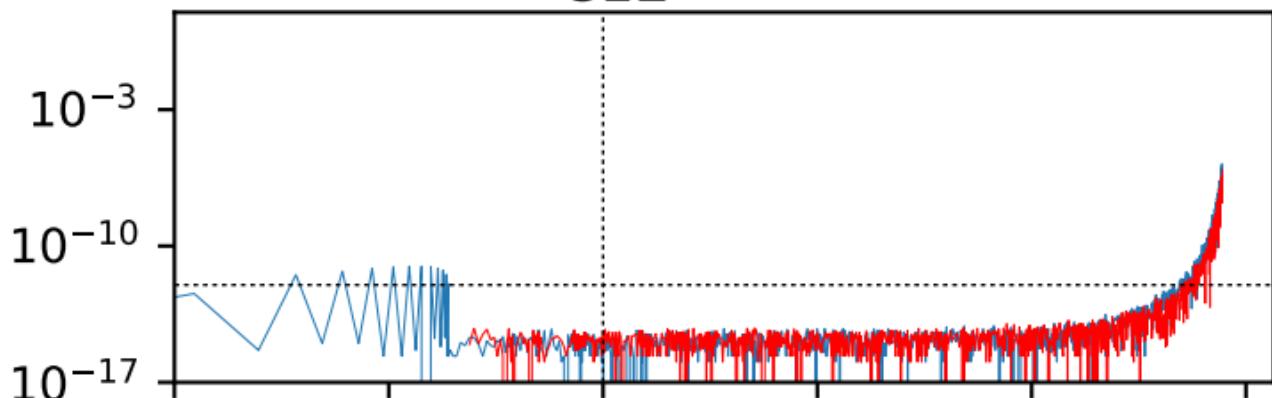
$r_\mu$



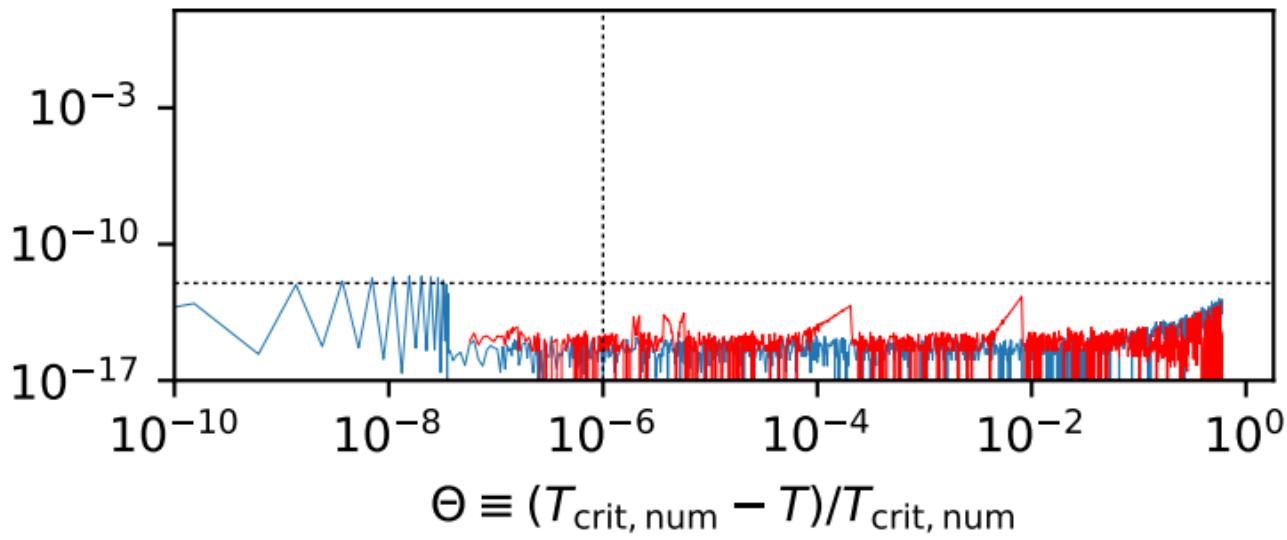
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

C12

$r_p$

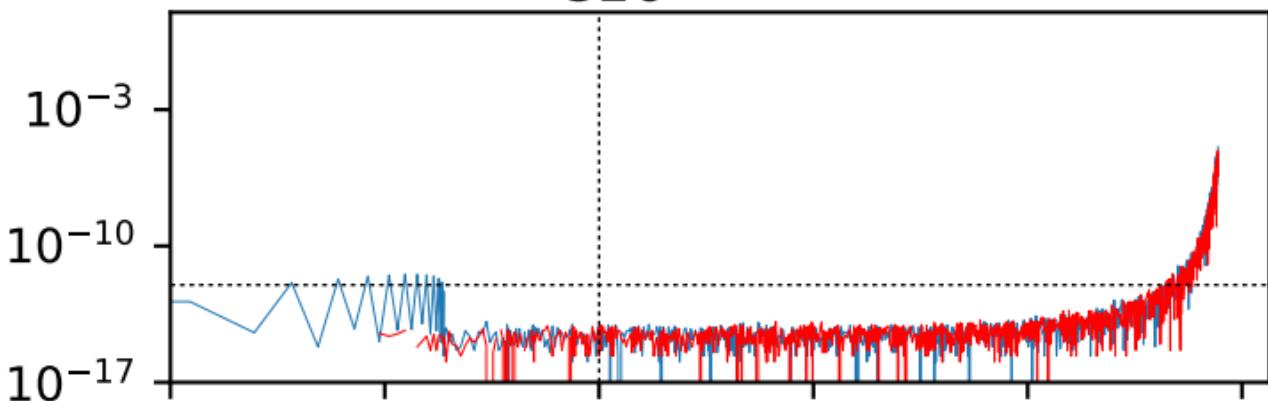


$r_\mu$

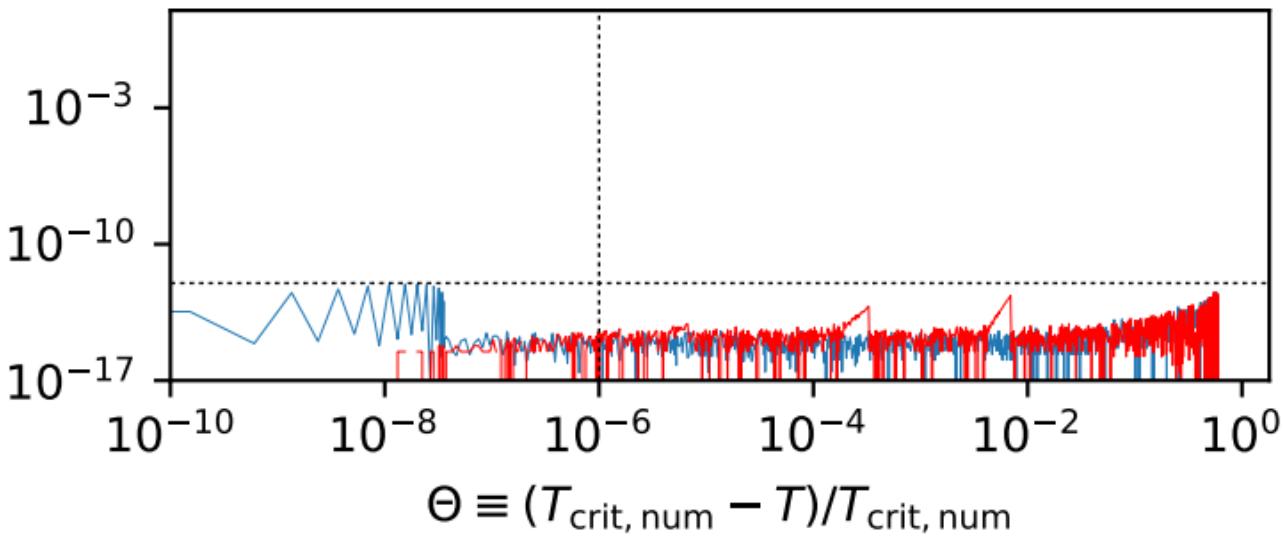


C16

$r_p$

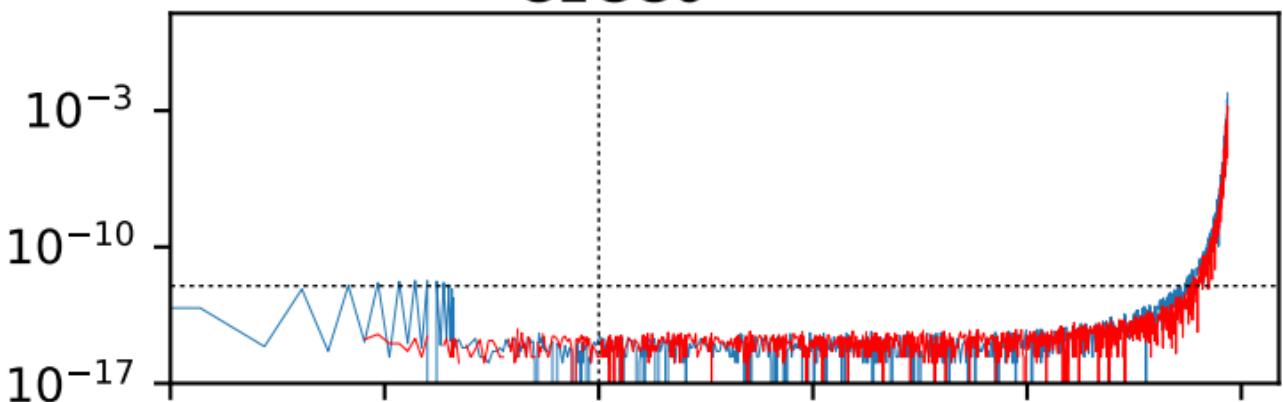


$r_\mu$

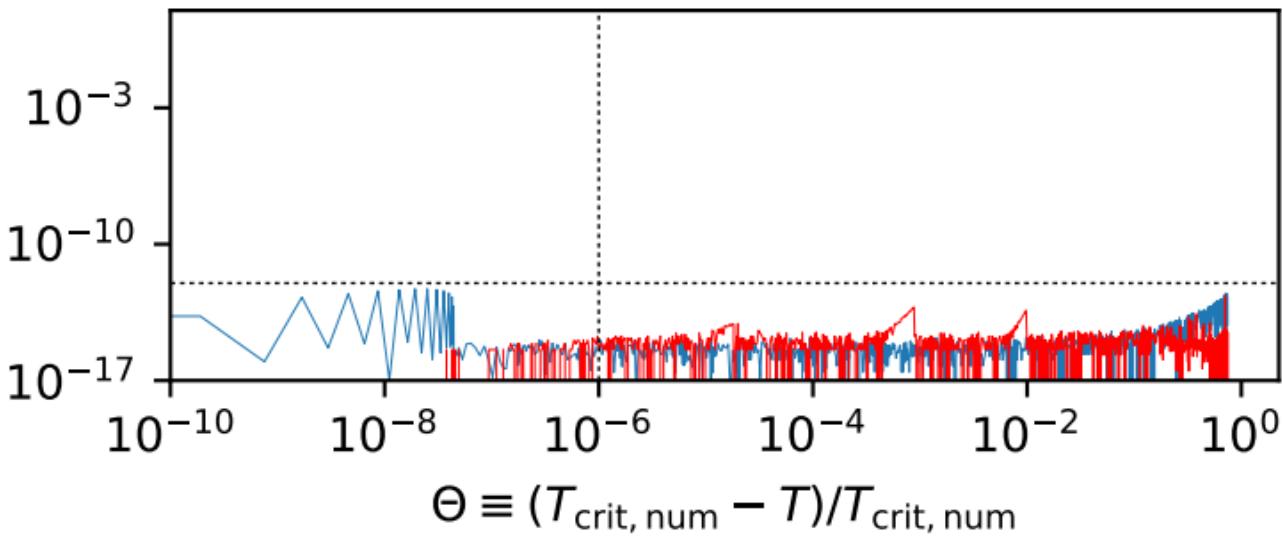


# C1CC6

$r_p$

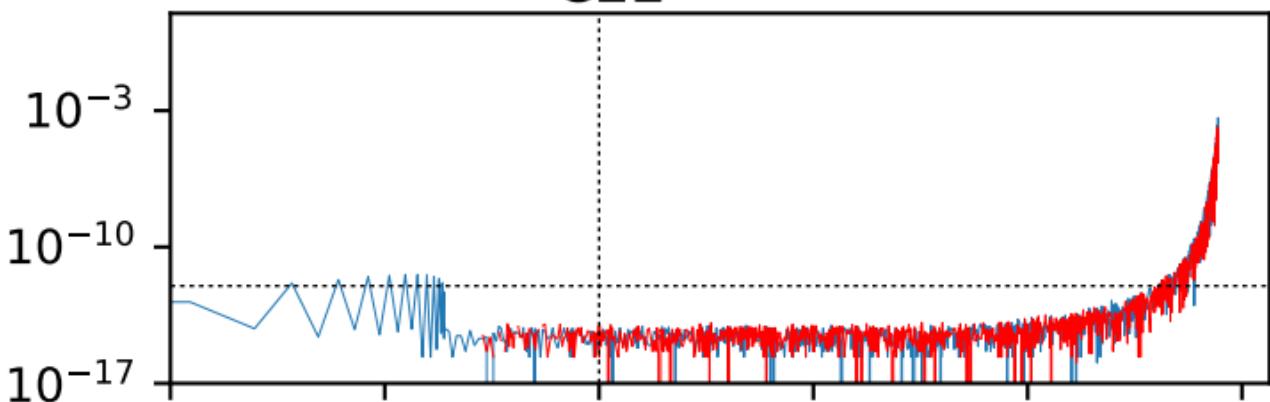


$r_\mu$

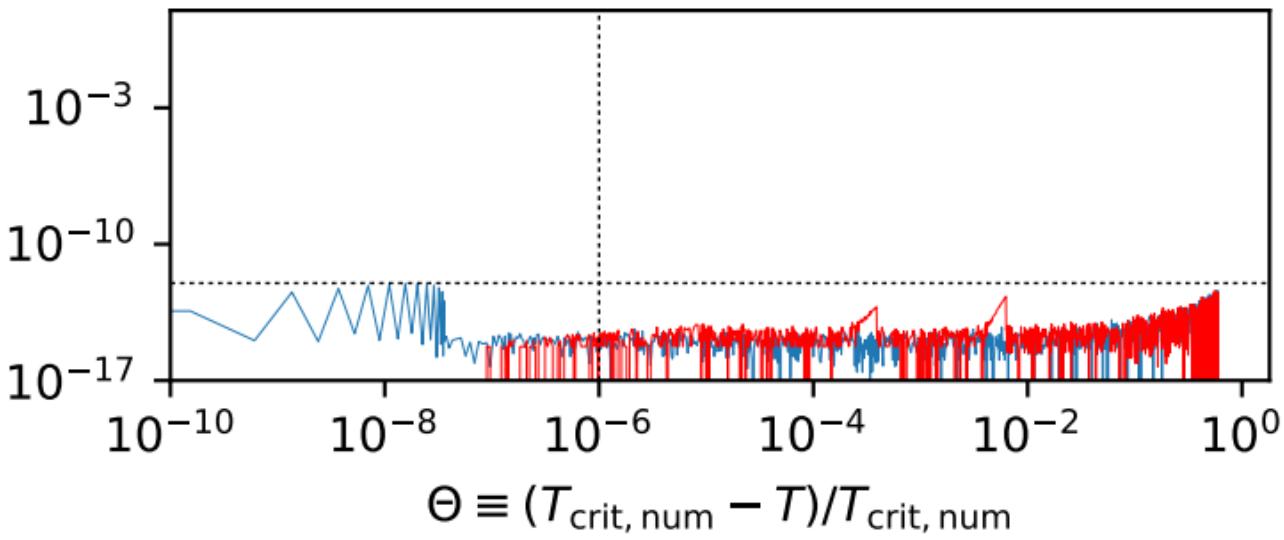


C22

$r_p$

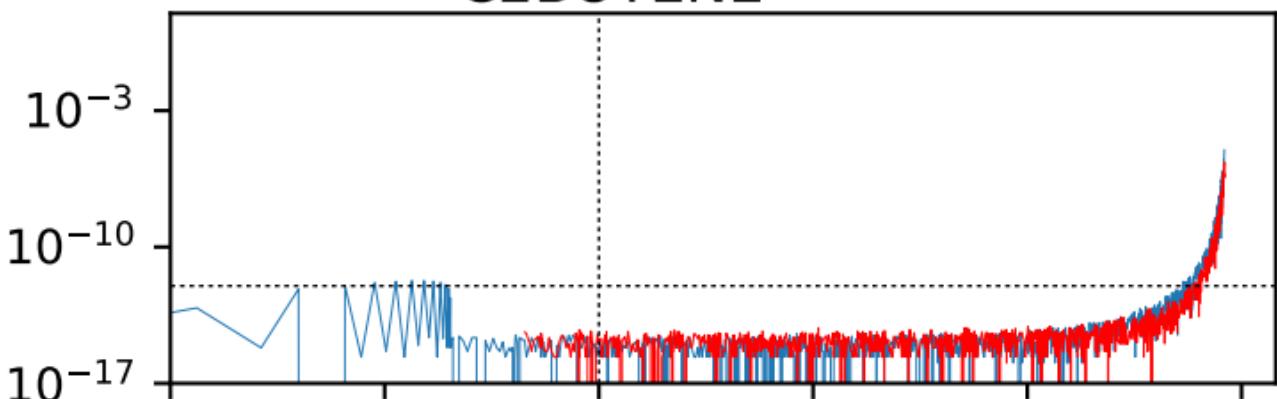


$r_\mu$

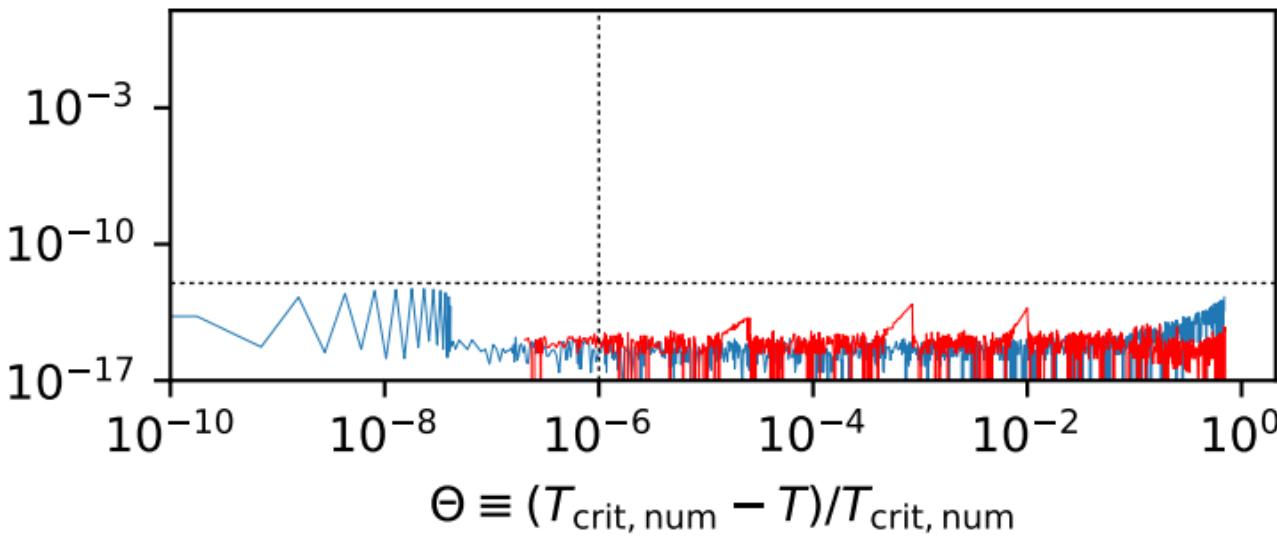


# C2BUTENE

$r_p$



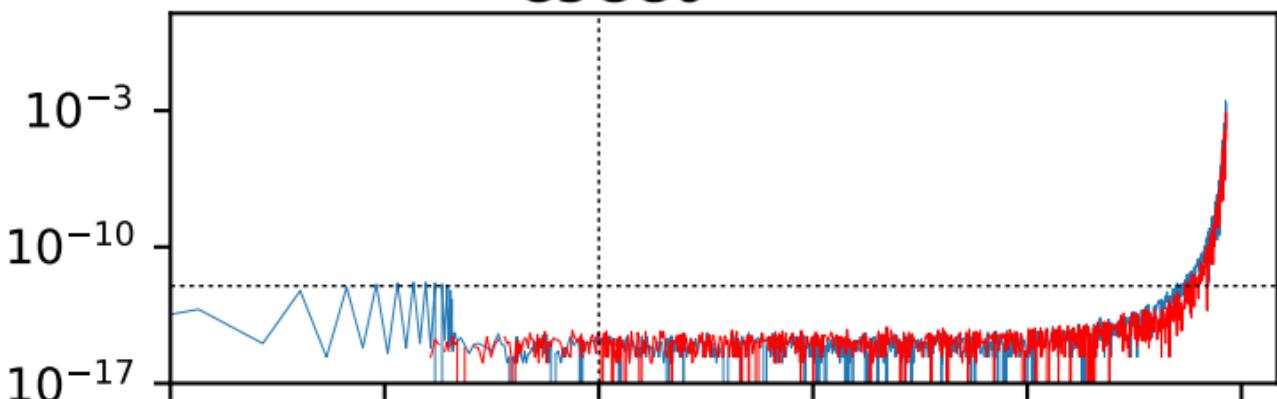
$r_\mu$



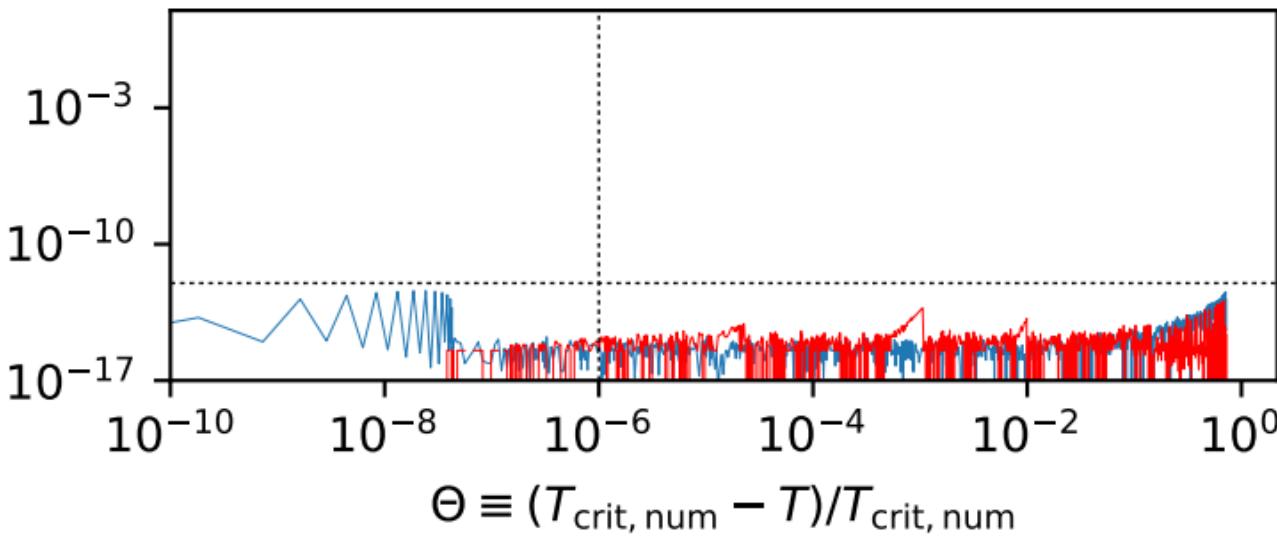
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# C3CC6

$r_p$



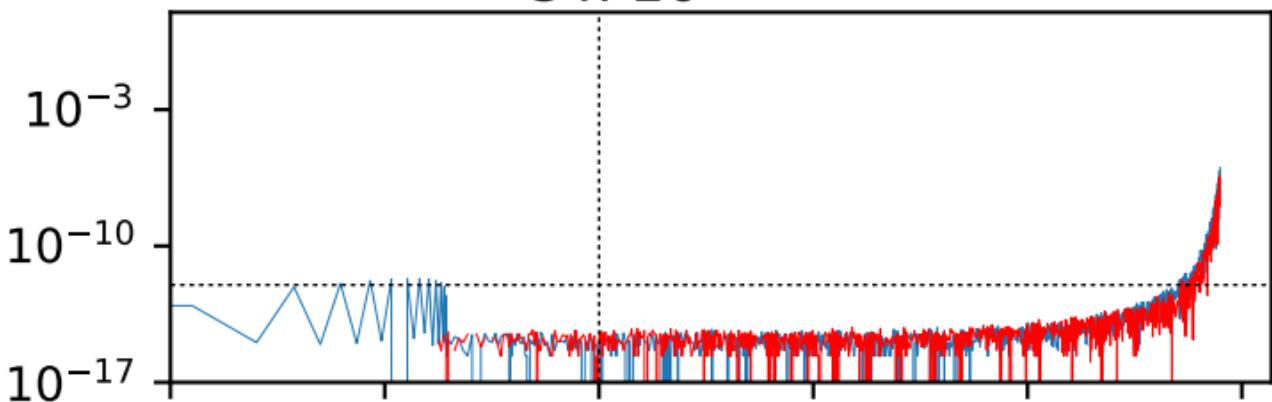
$r_\mu$



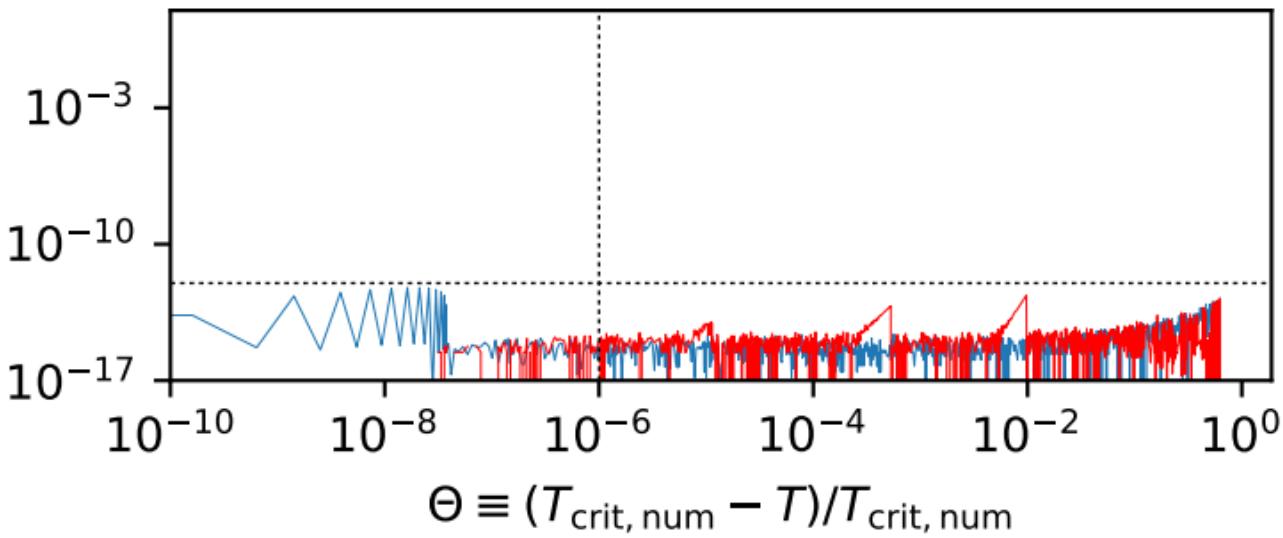
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# C4F10

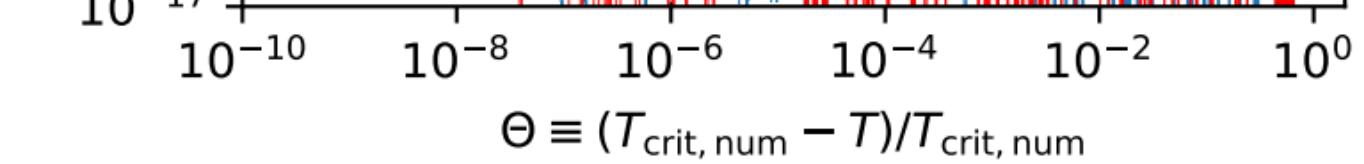
$r_p$



$r_\mu$

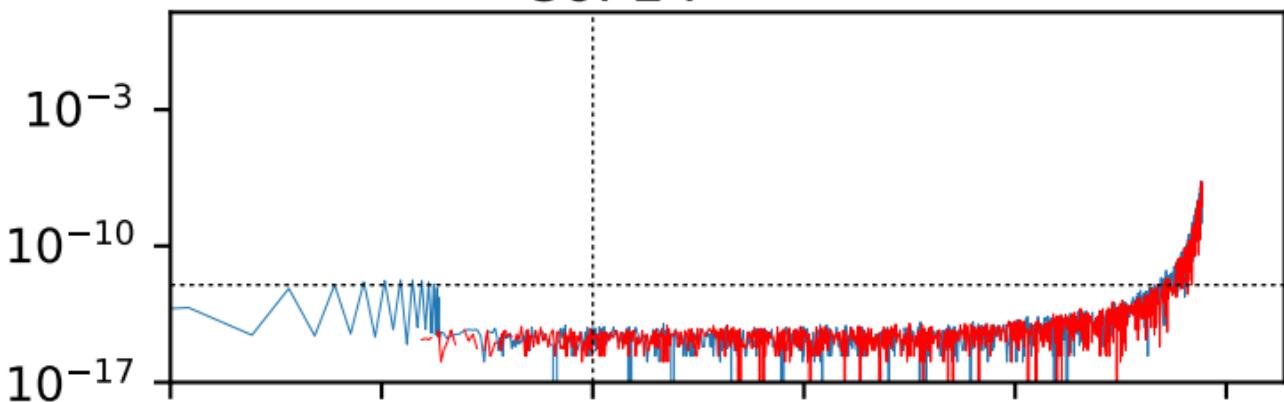


## C5F12

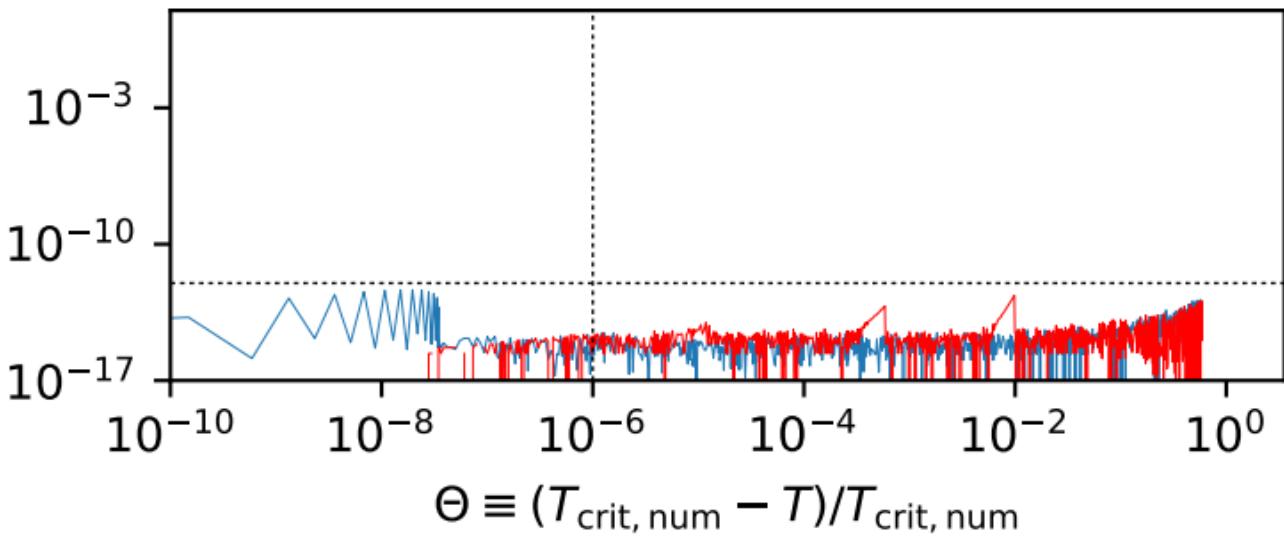
 $r_p$  $r_\mu$ 

# C6F14

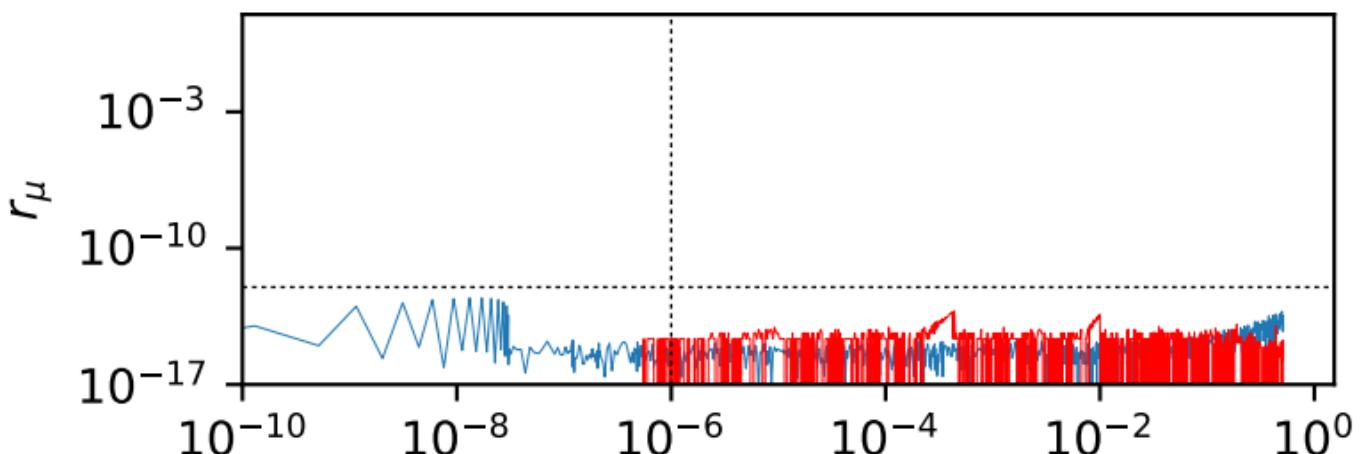
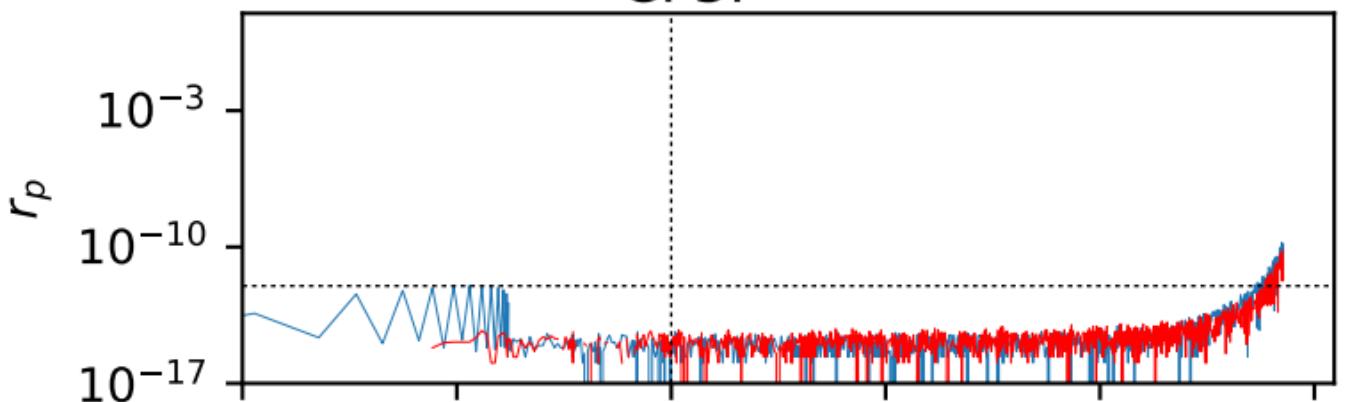
$r_p$



$r_\mu$

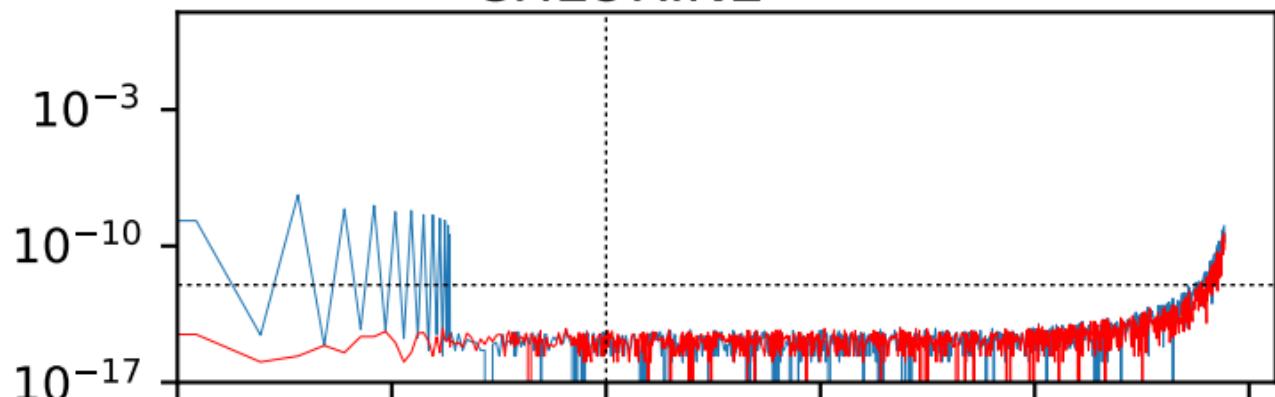


## CF3I

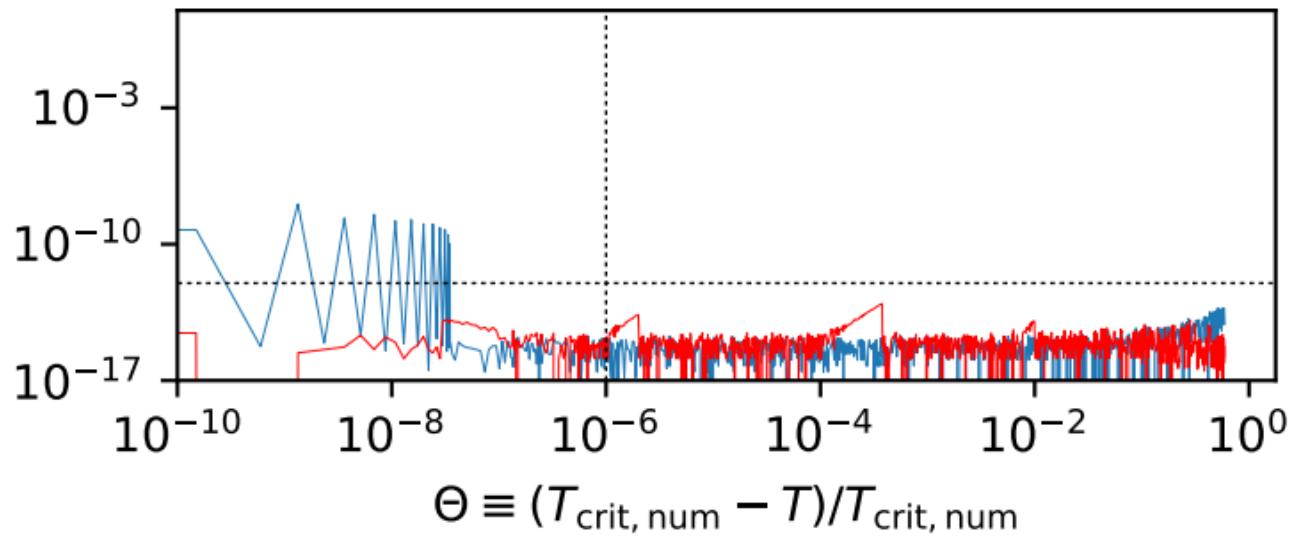
 $r_p$  $r_\mu$  $\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$ 

# CHLORINE

$r_p$

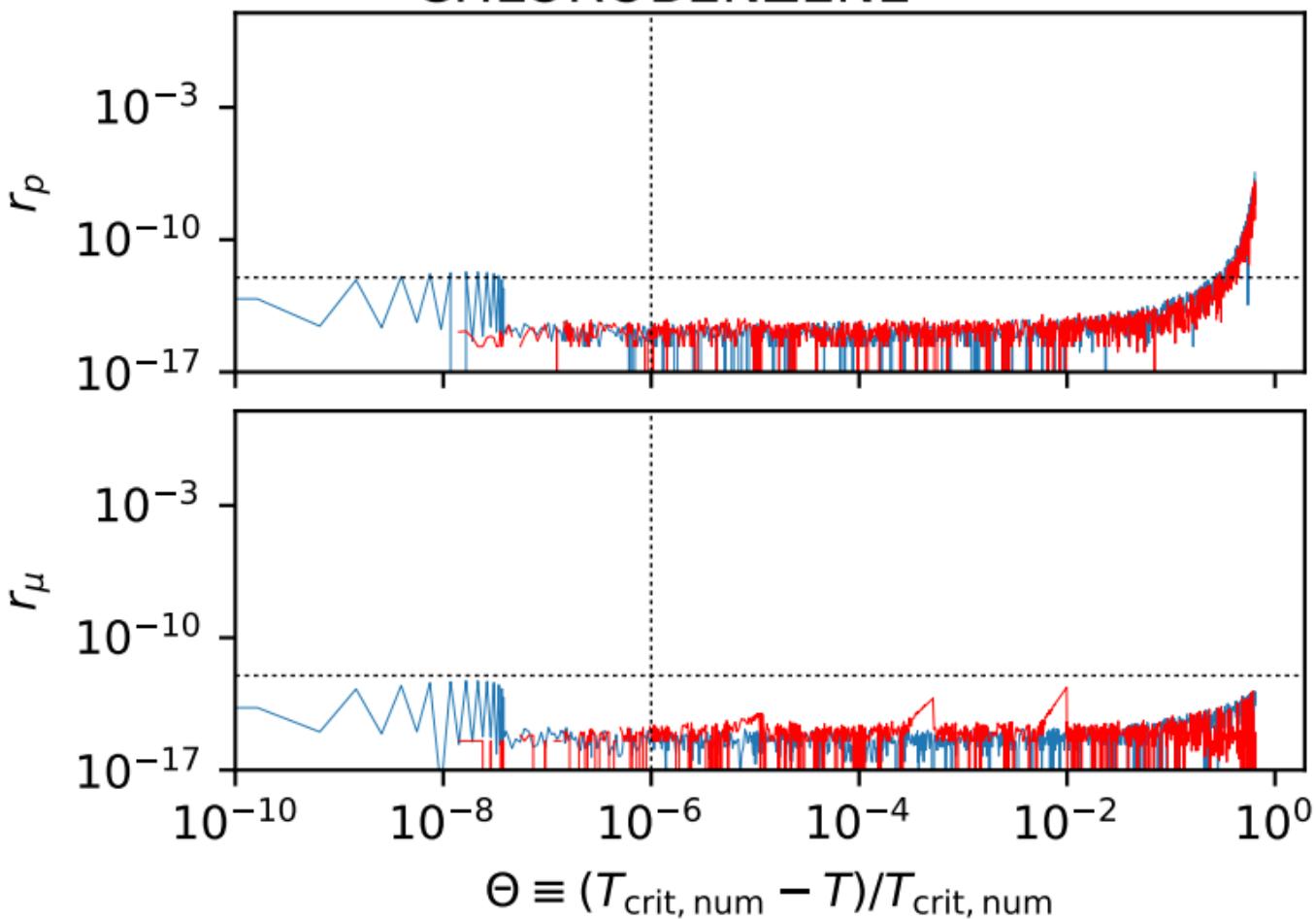


$r_\mu$



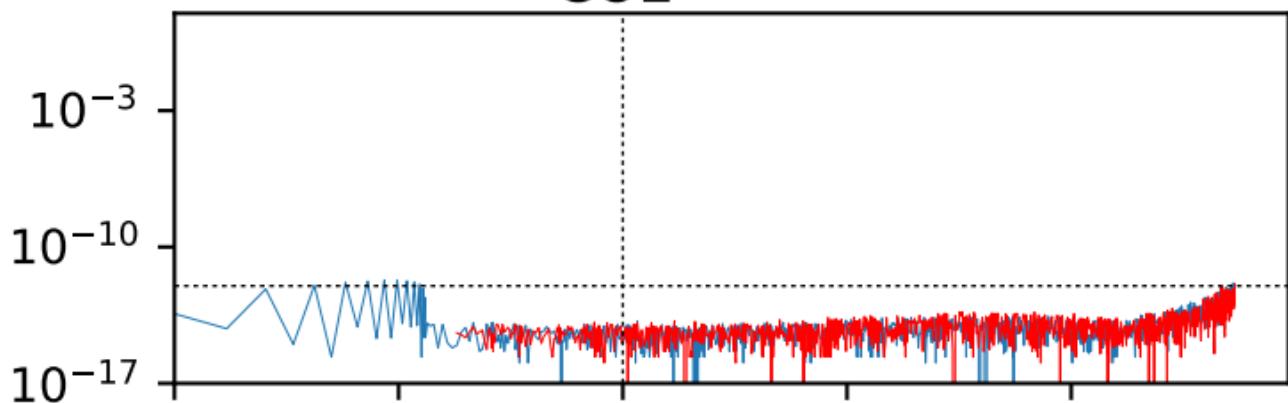
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# CHLOROBENZENE

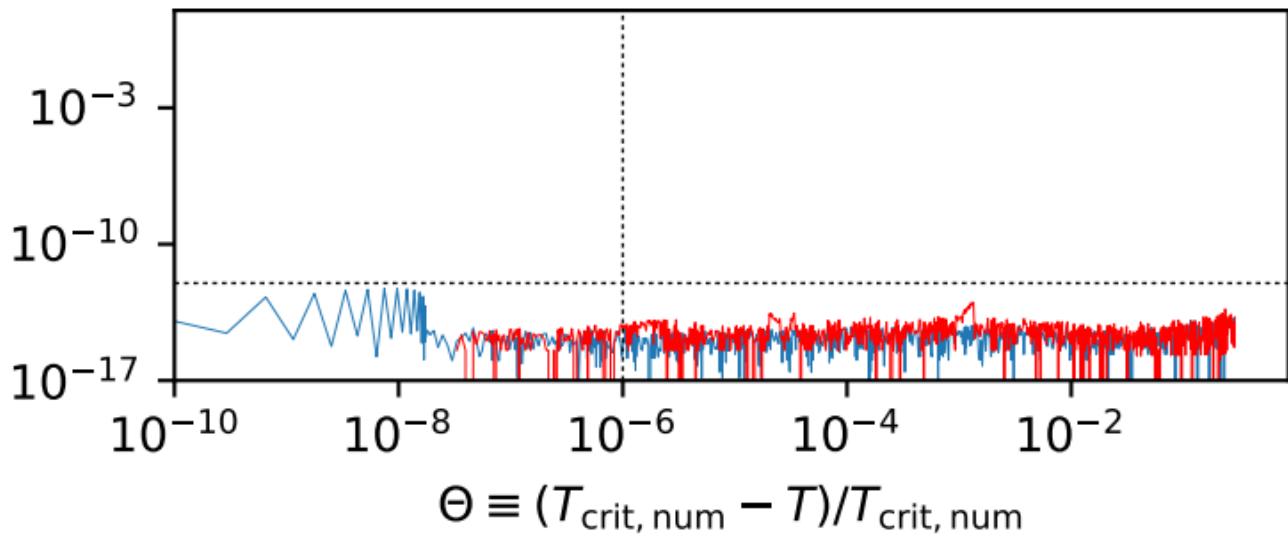


CO<sub>2</sub>

$r_p$



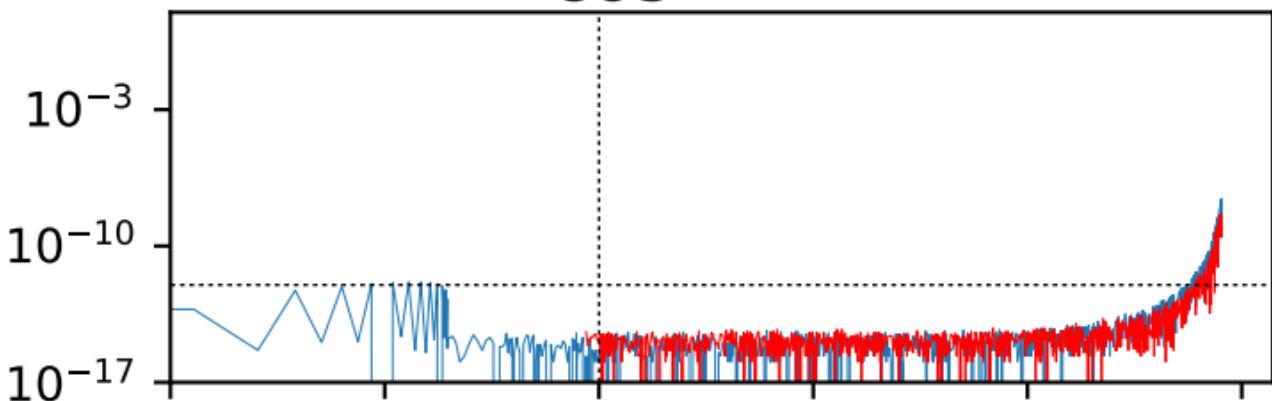
$r_\mu$



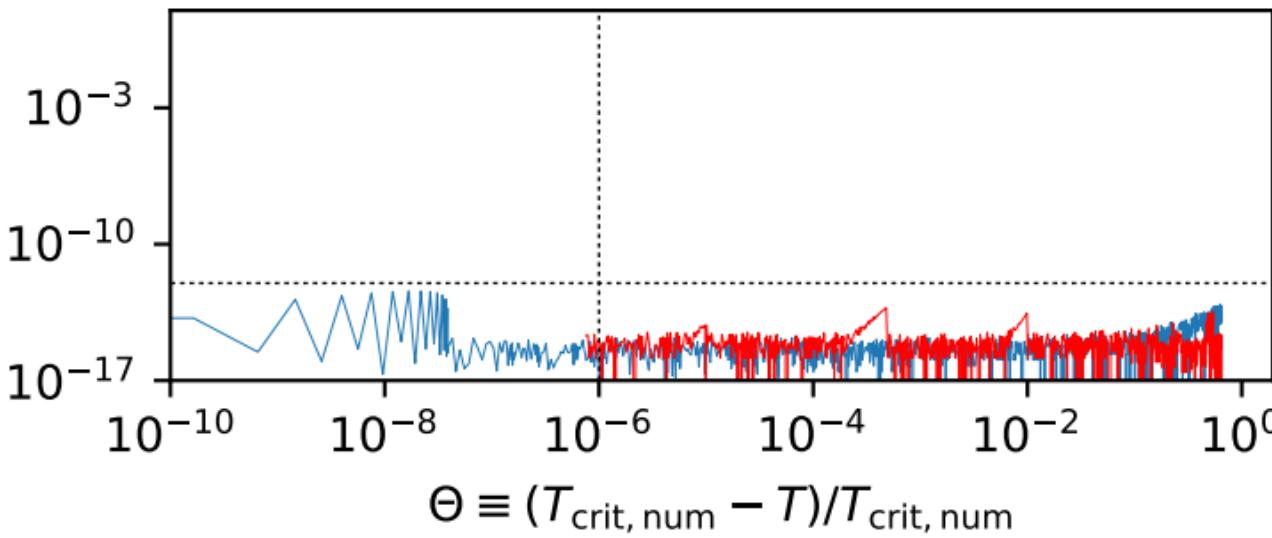
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

COS

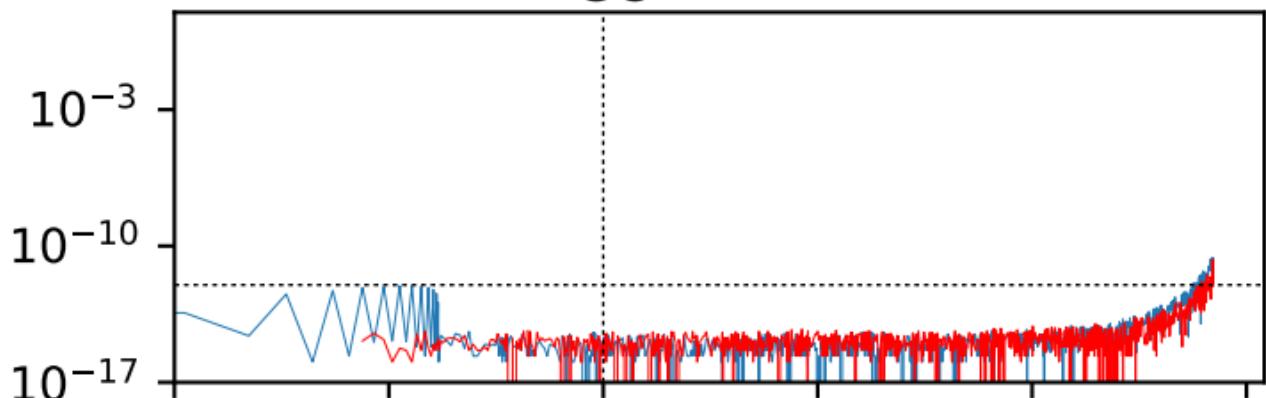
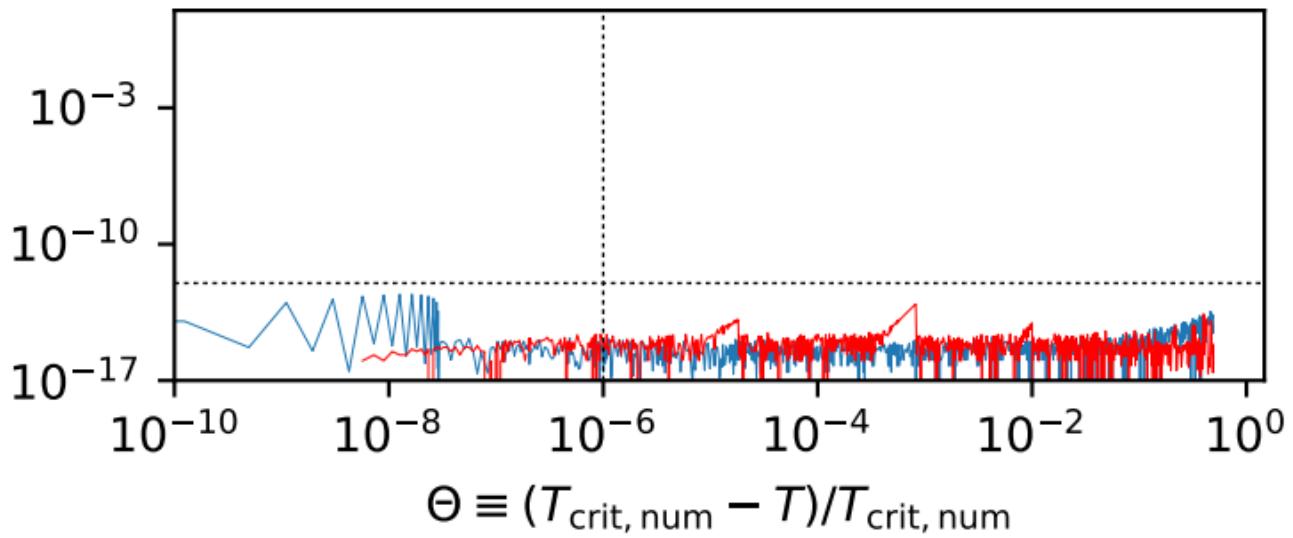
$r_p$



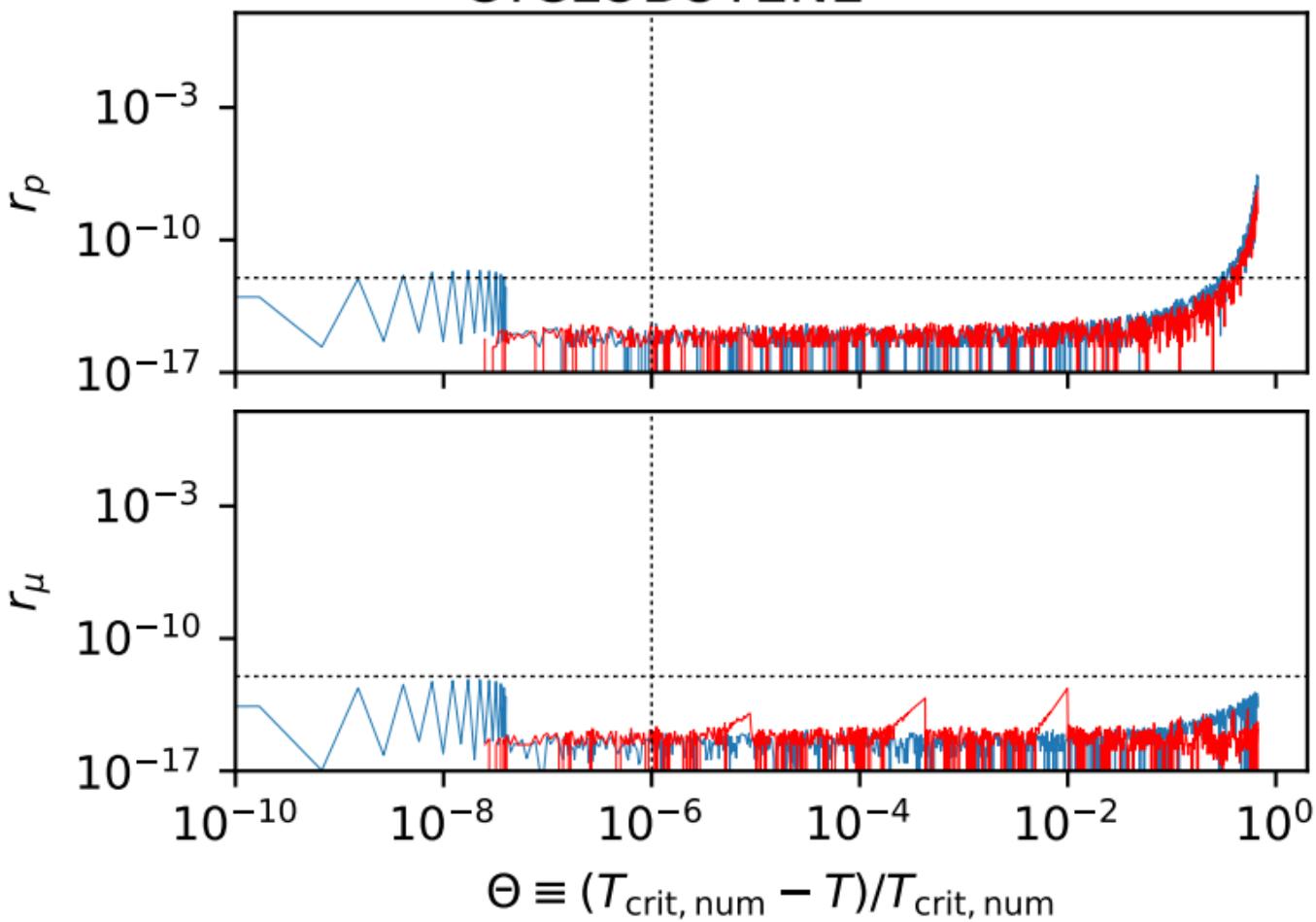
$r_\mu$



CO

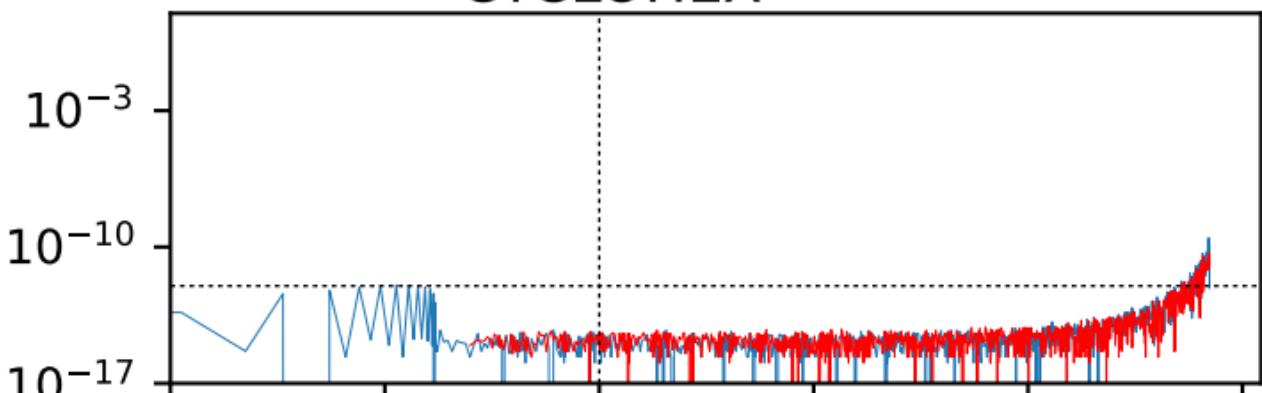
 $r_p$  $r_\mu$ 

# CYCLOBUTENE

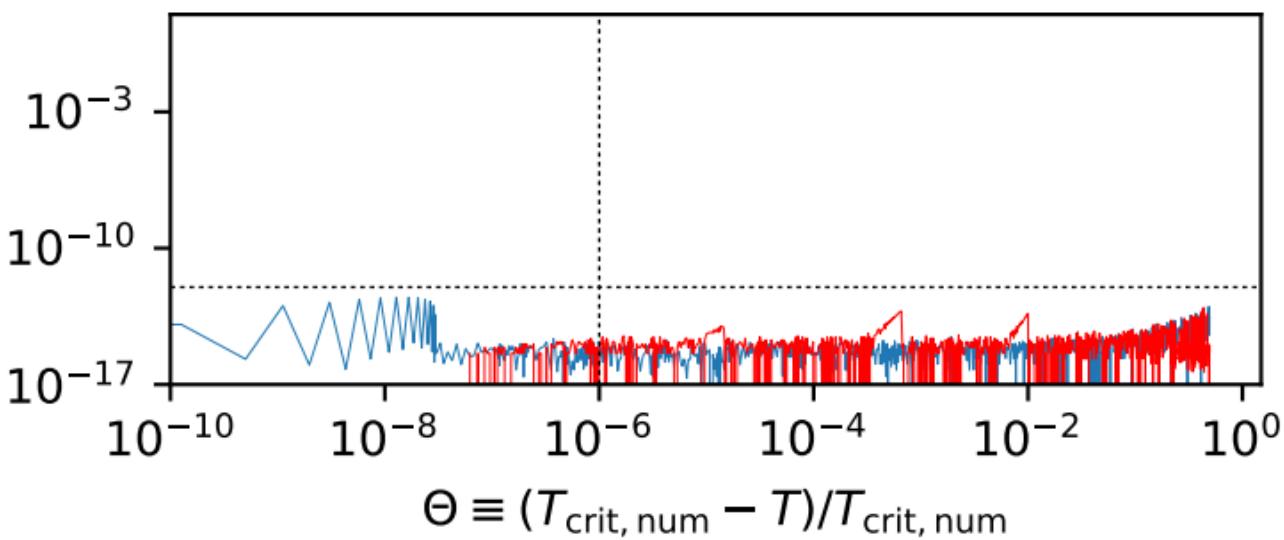


# CYCLOHEX

$r_p$



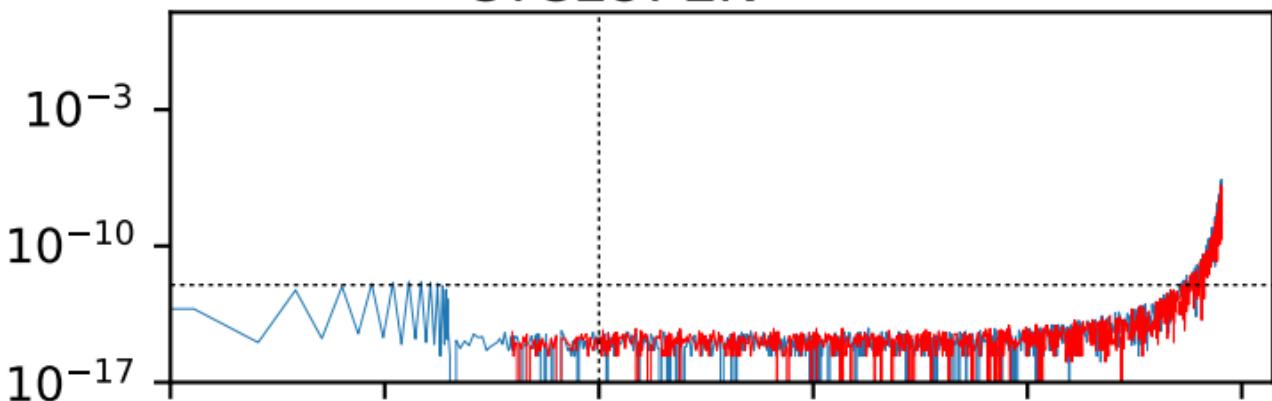
$r_\mu$



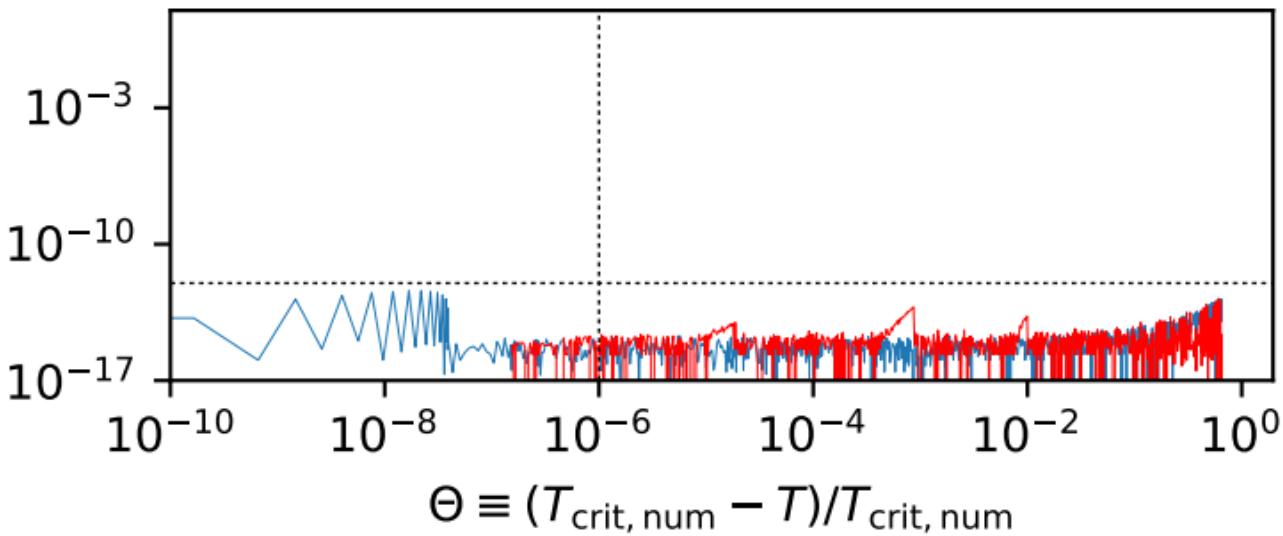
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# CYCLOPEN

$r_p$



$r_\mu$



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

# CYCLOPRO

$r_p$

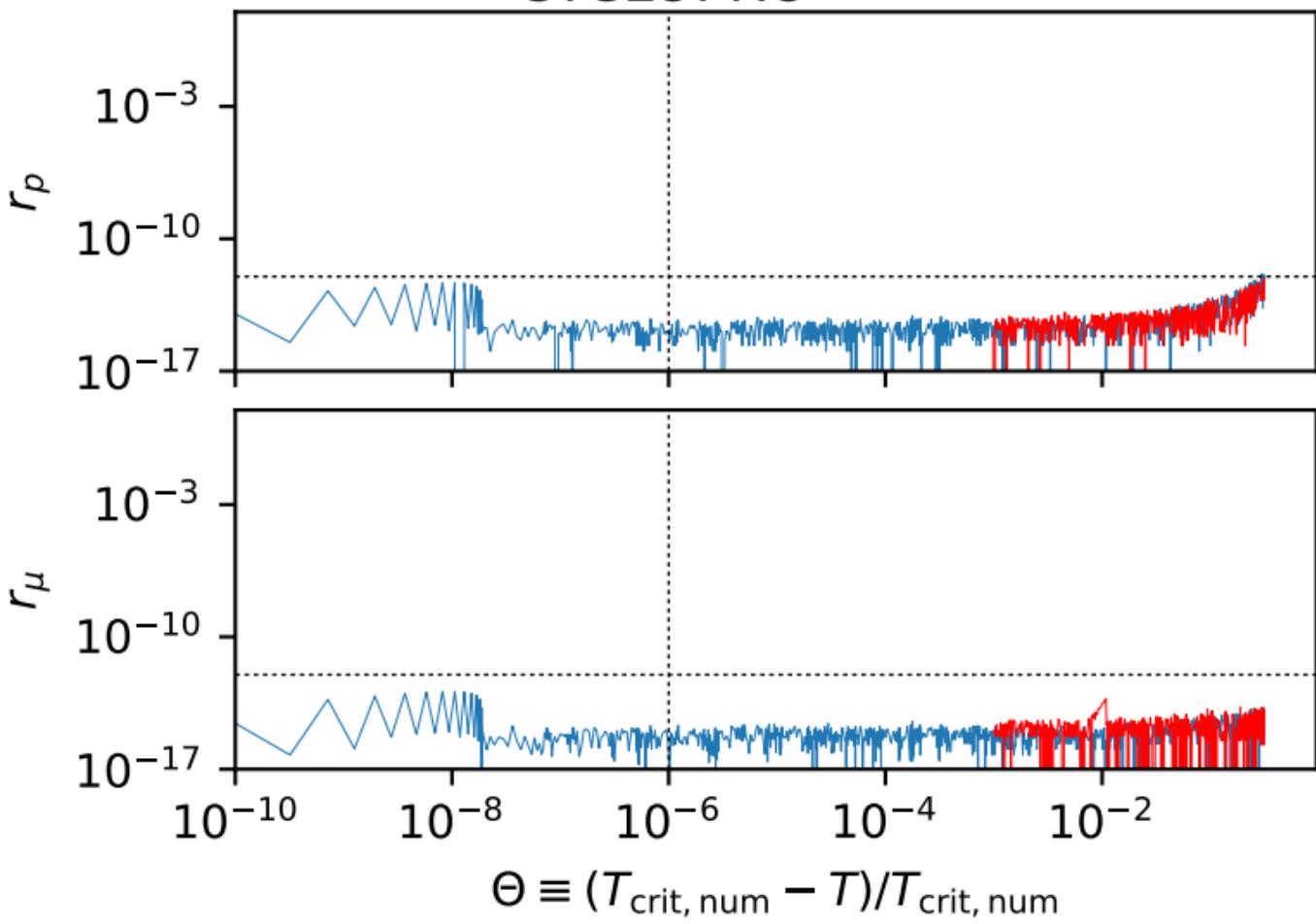
$10^{-3}$   
 $10^{-10}$   
 $10^{-17}$

$r_\mu$

$10^{-3}$   
 $10^{-10}$   
 $10^{-17}$

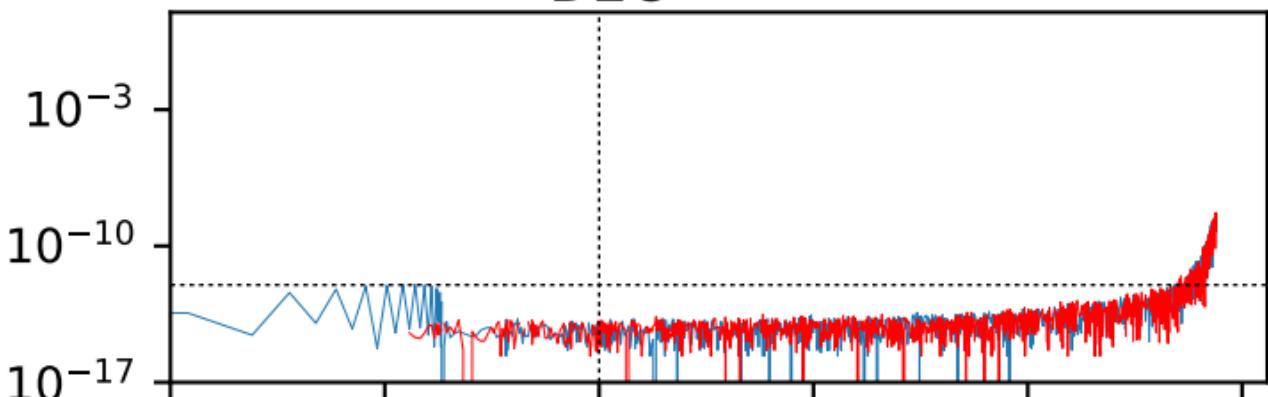
$10^{-10} \quad 10^{-8} \quad 10^{-6} \quad 10^{-4} \quad 10^{-2}$

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

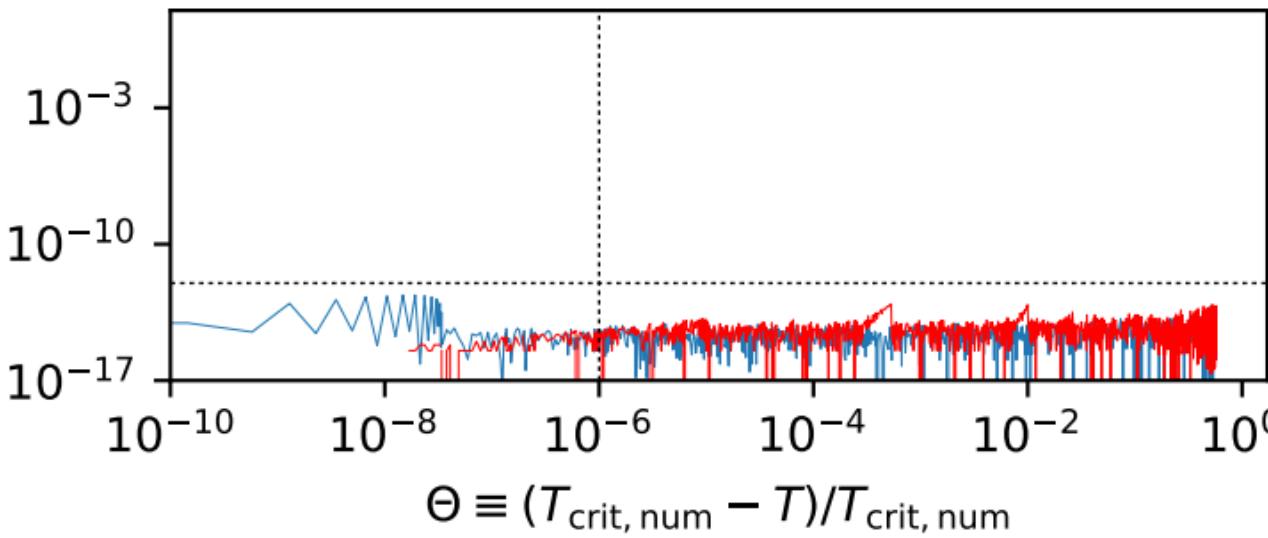


D2O

$r_p$

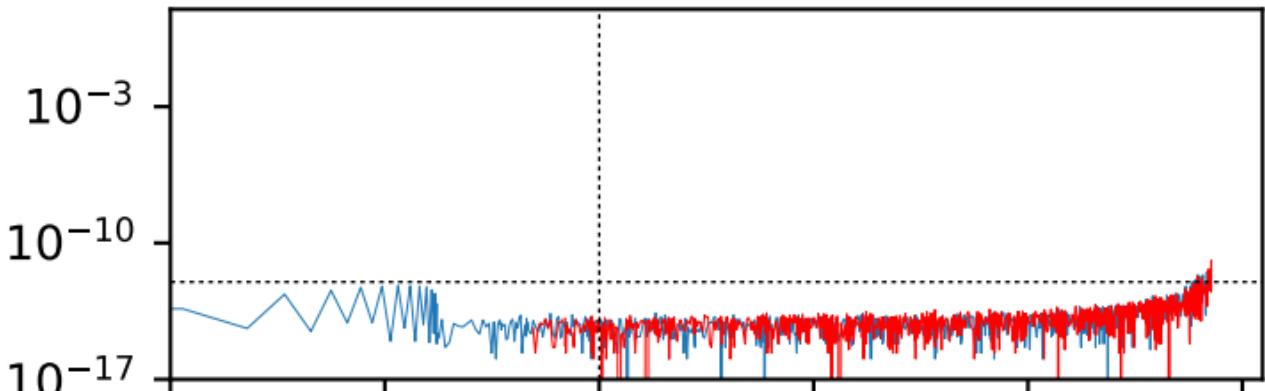


$r_\mu$

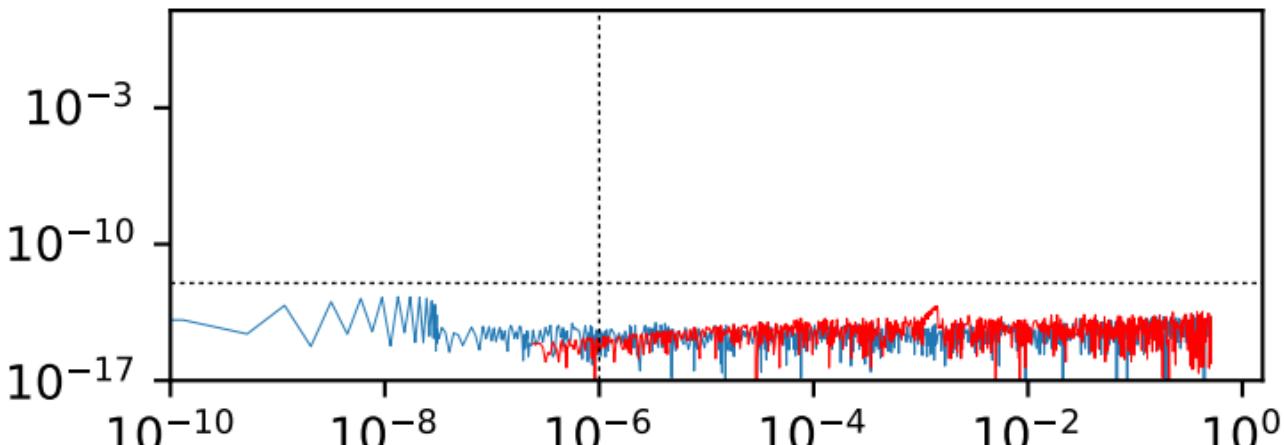


D2

$r_p$



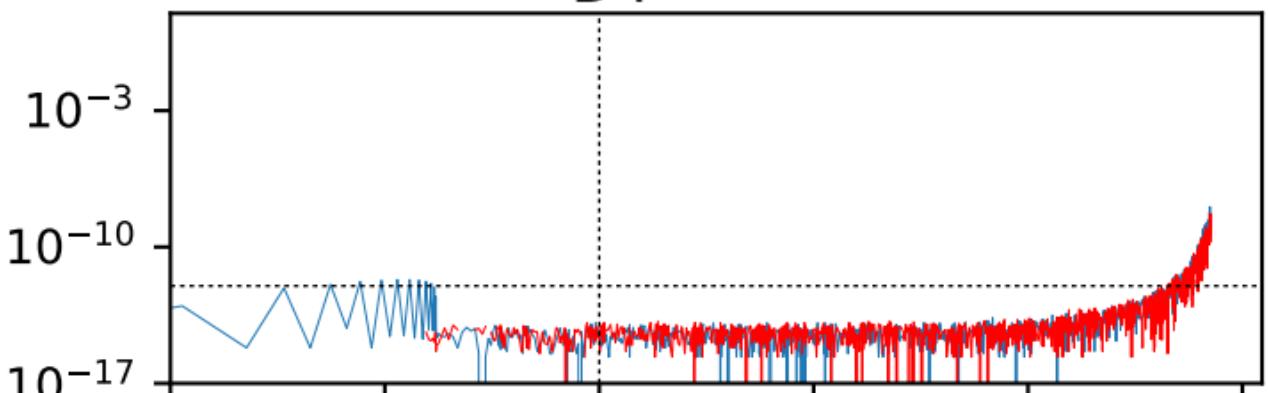
$r_\mu$



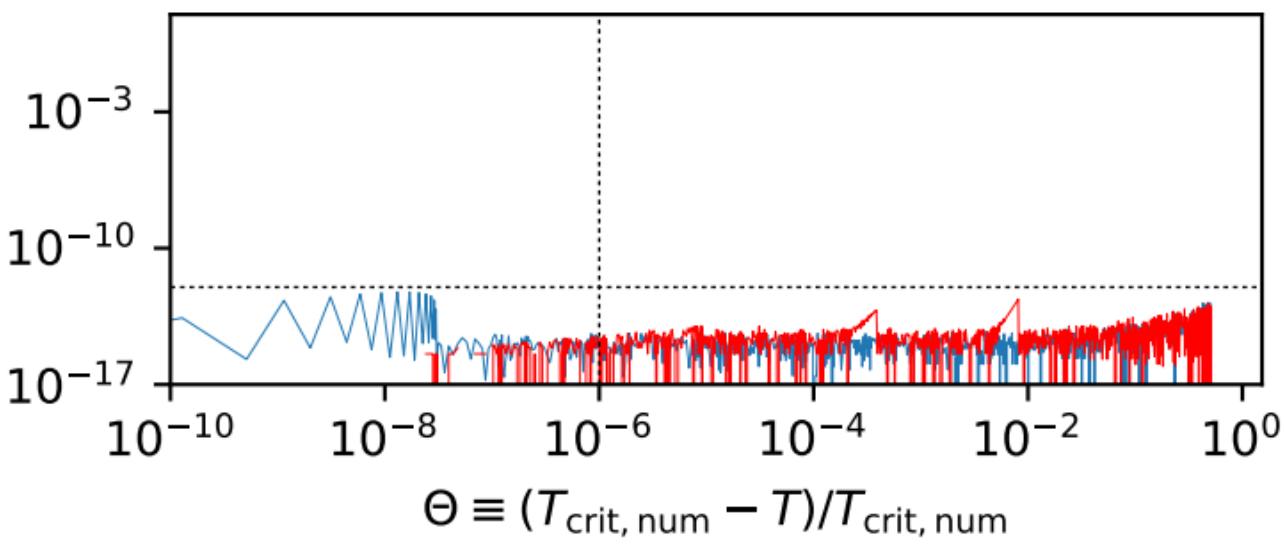
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

D4

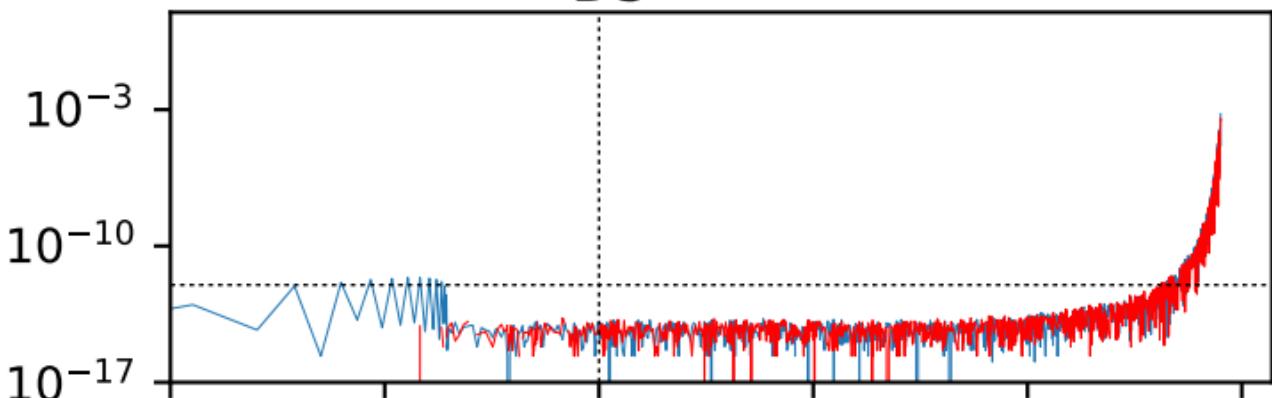
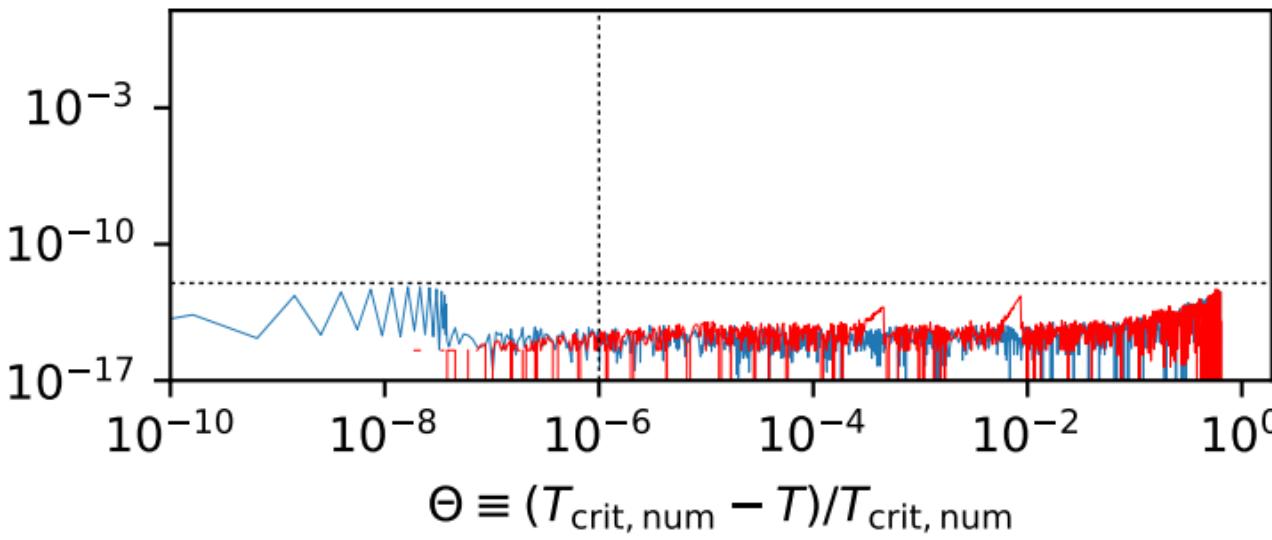
$r_p$



$r_\mu$

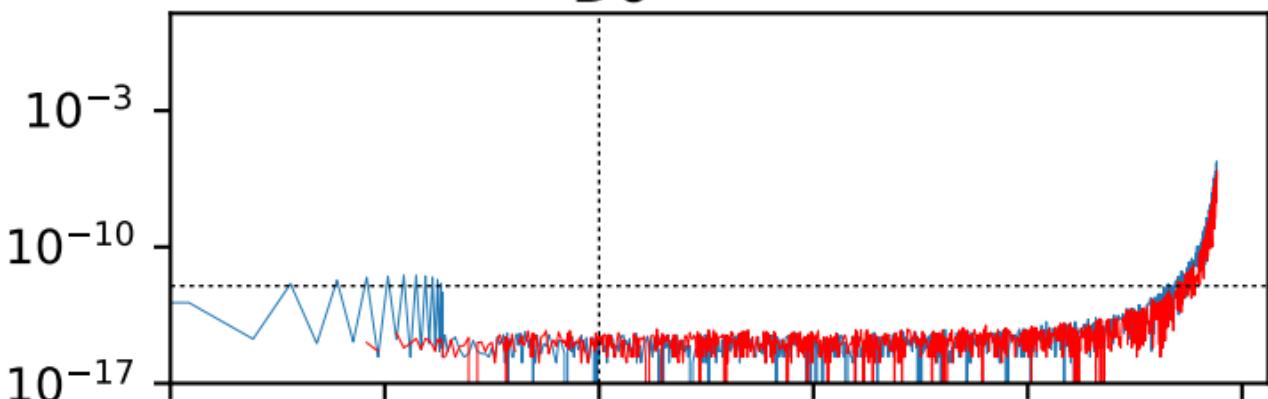


D5

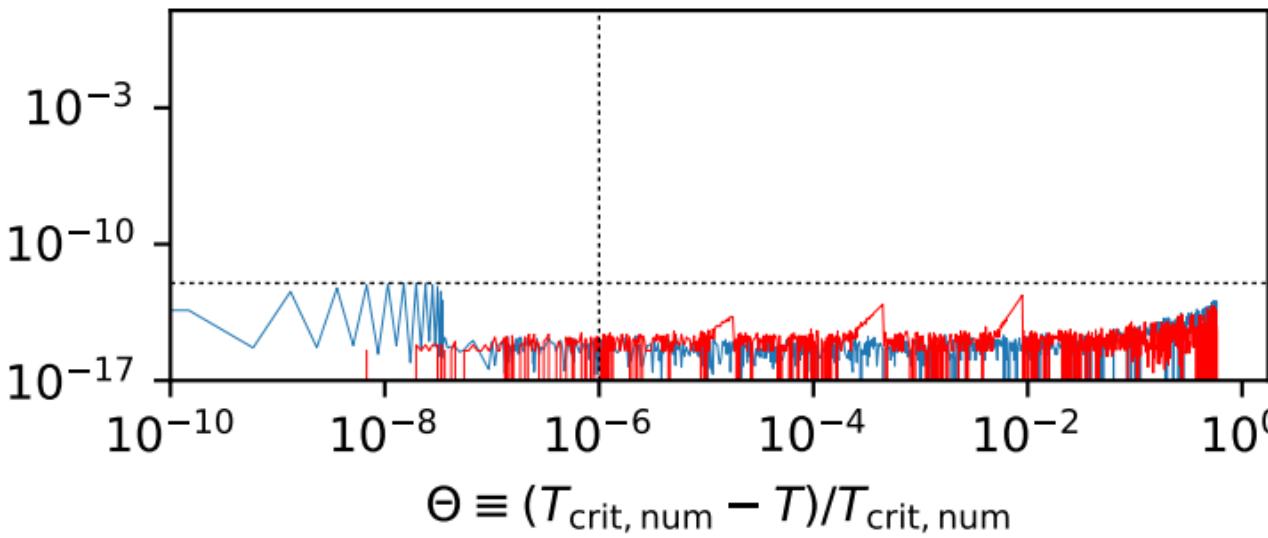
 $r_p$  $r_\mu$ 

D6

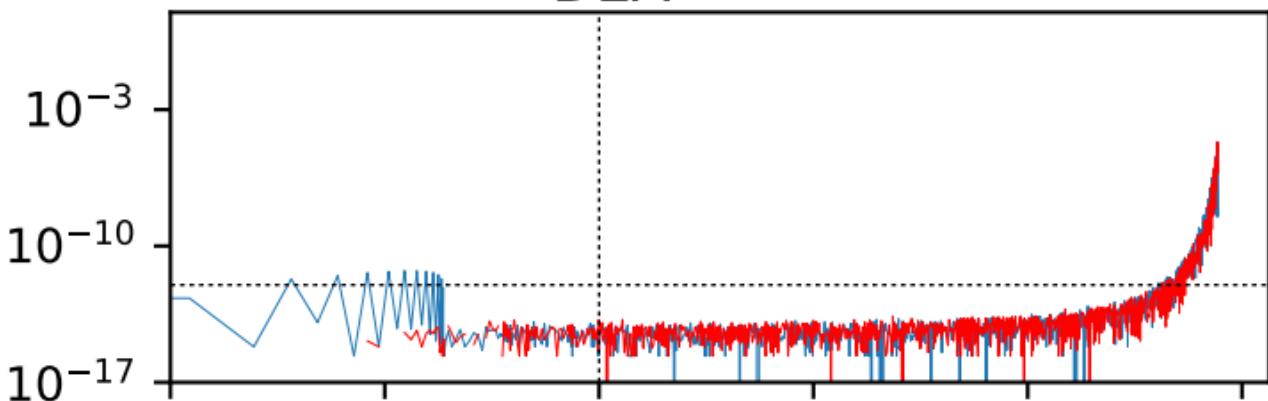
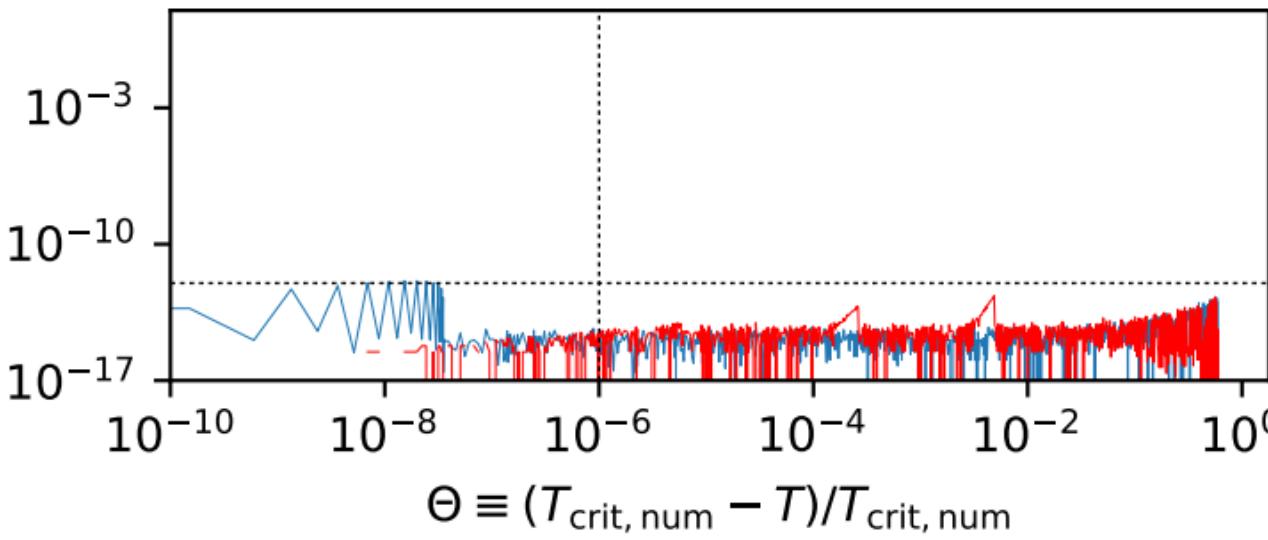
$r_p$



$r_\mu$

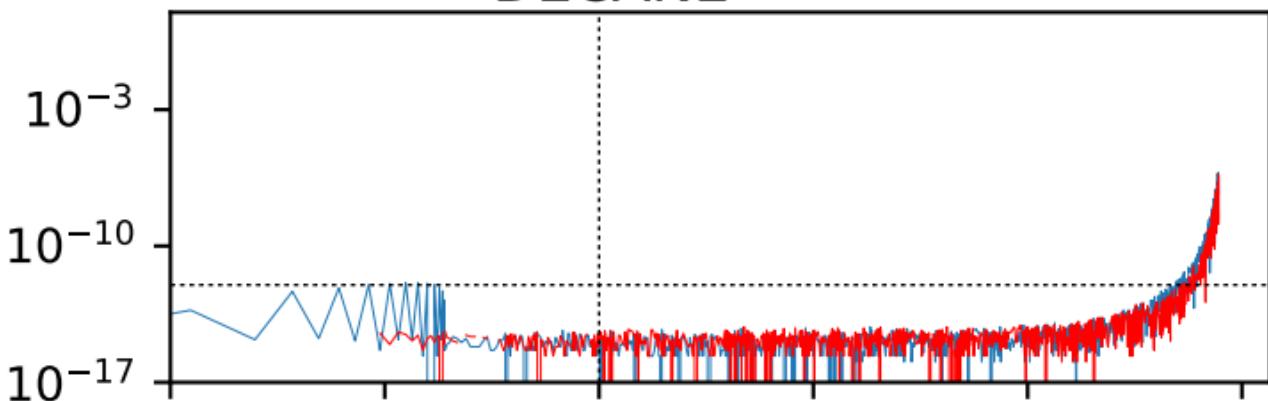


## DEA

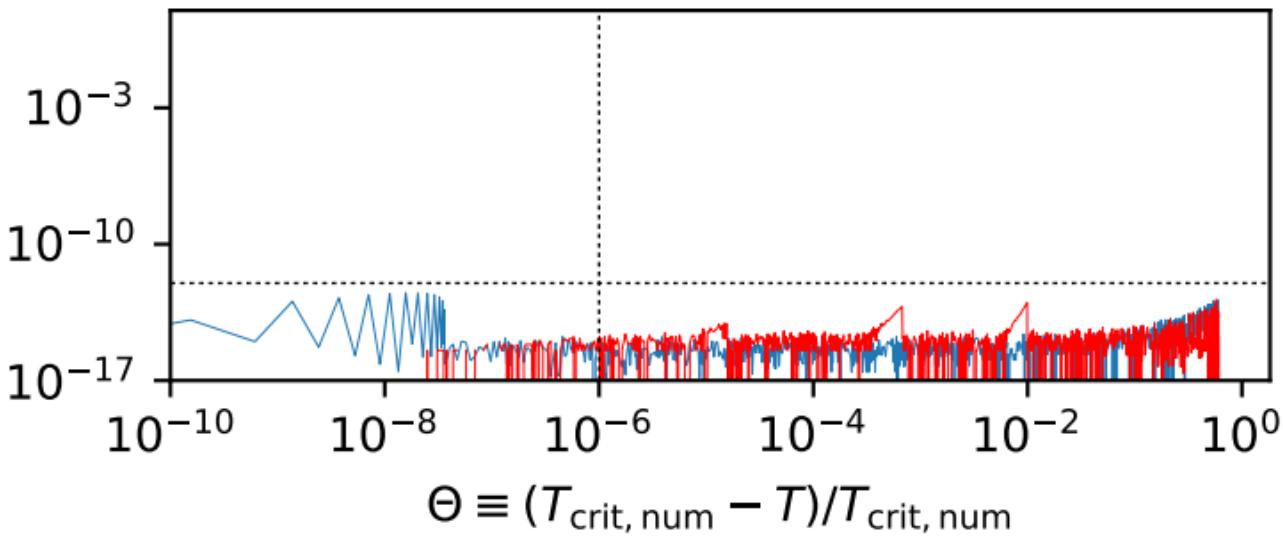
 $r_p$  $r_\mu$ 

# DECANE

$r_p$

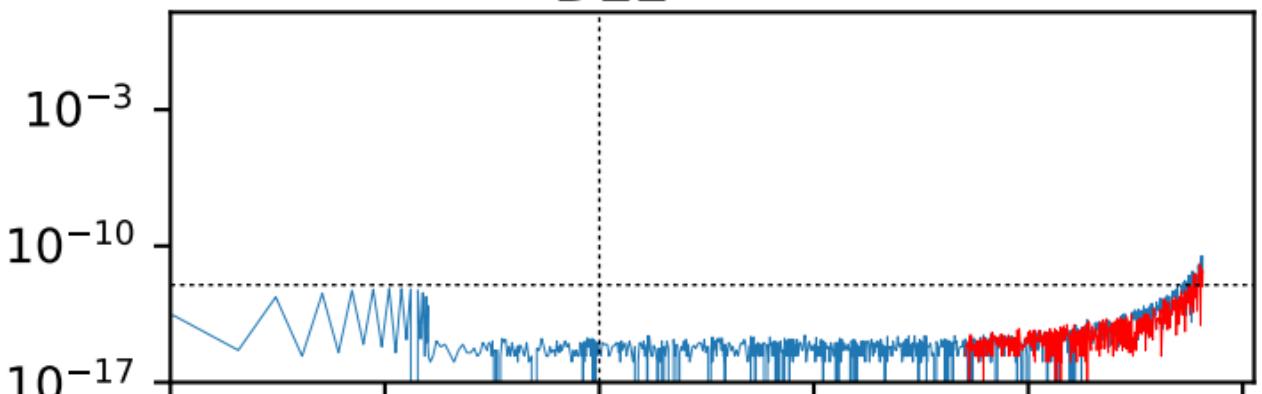


$r_\mu$

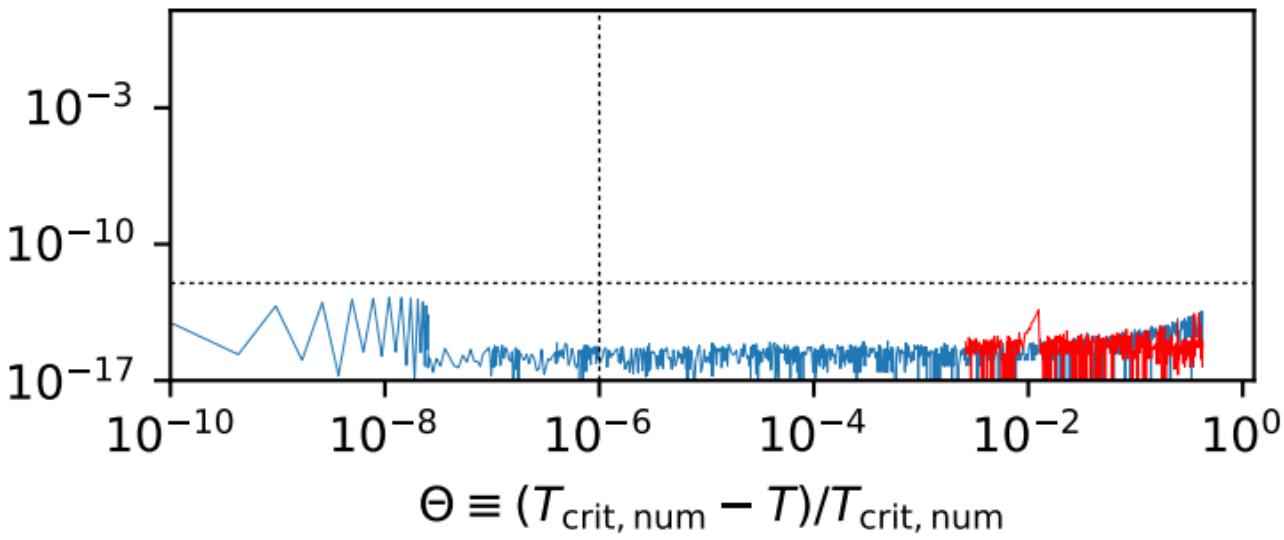


DEE

$r_p$

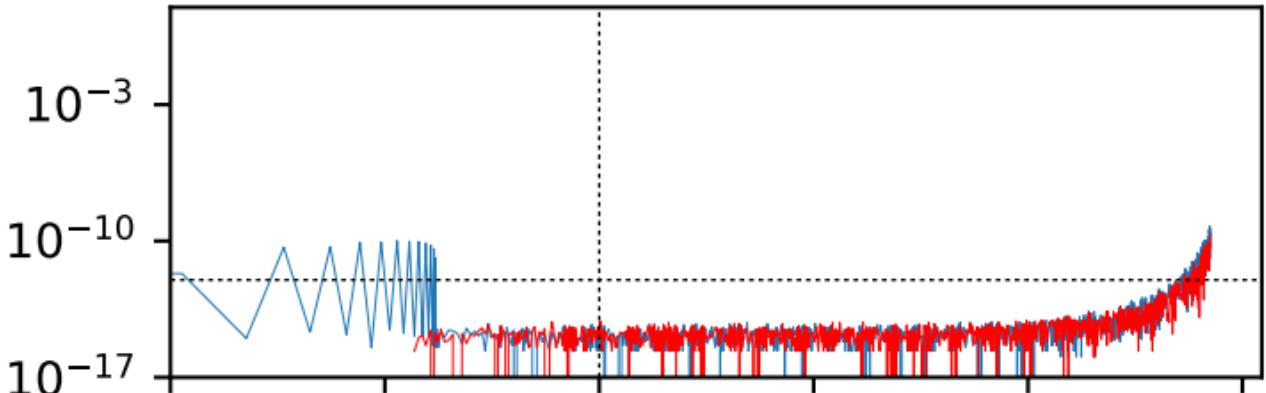
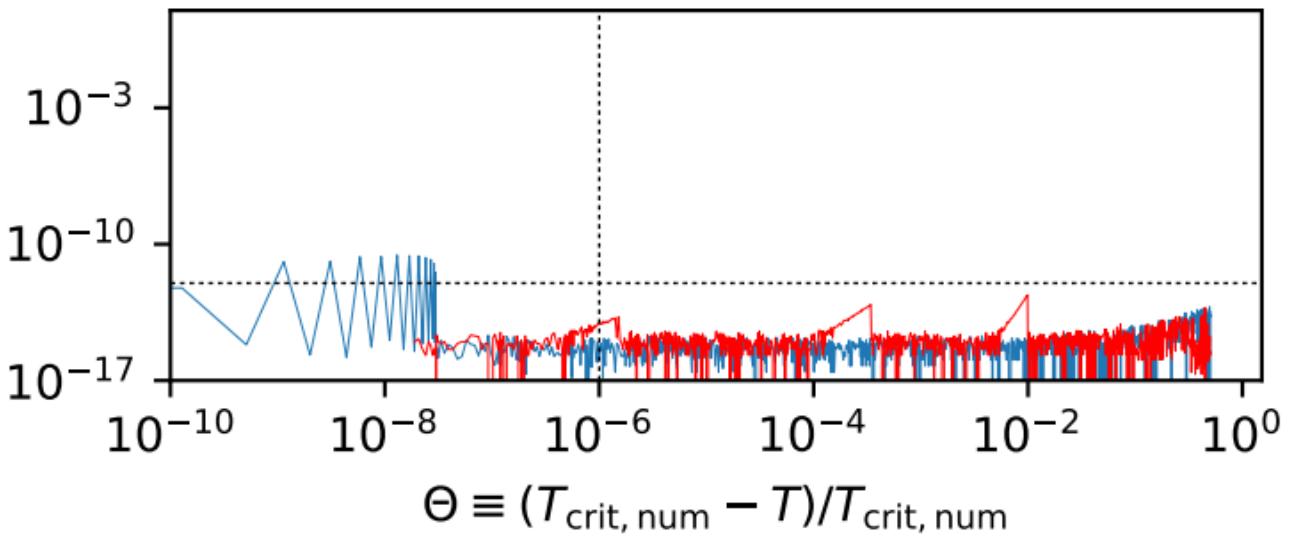


$r_\mu$



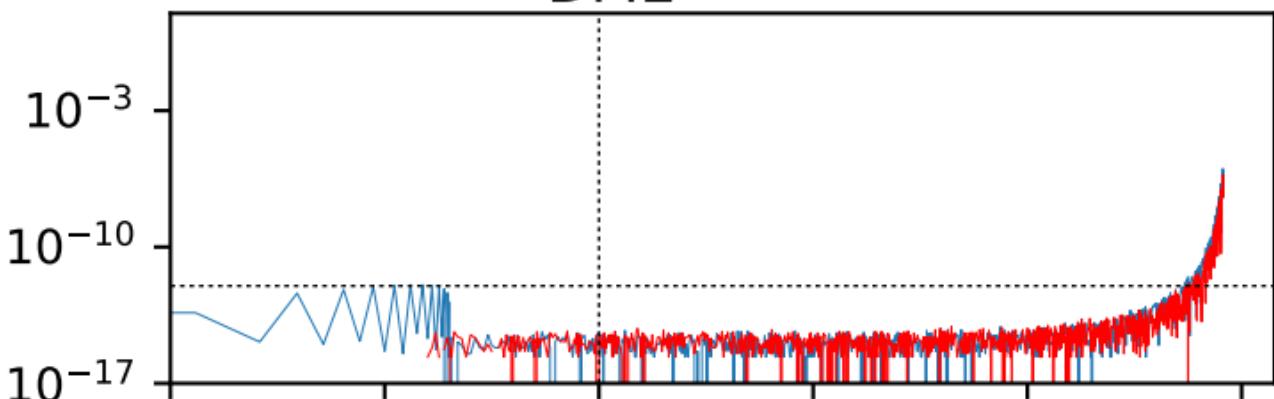
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

## DMC

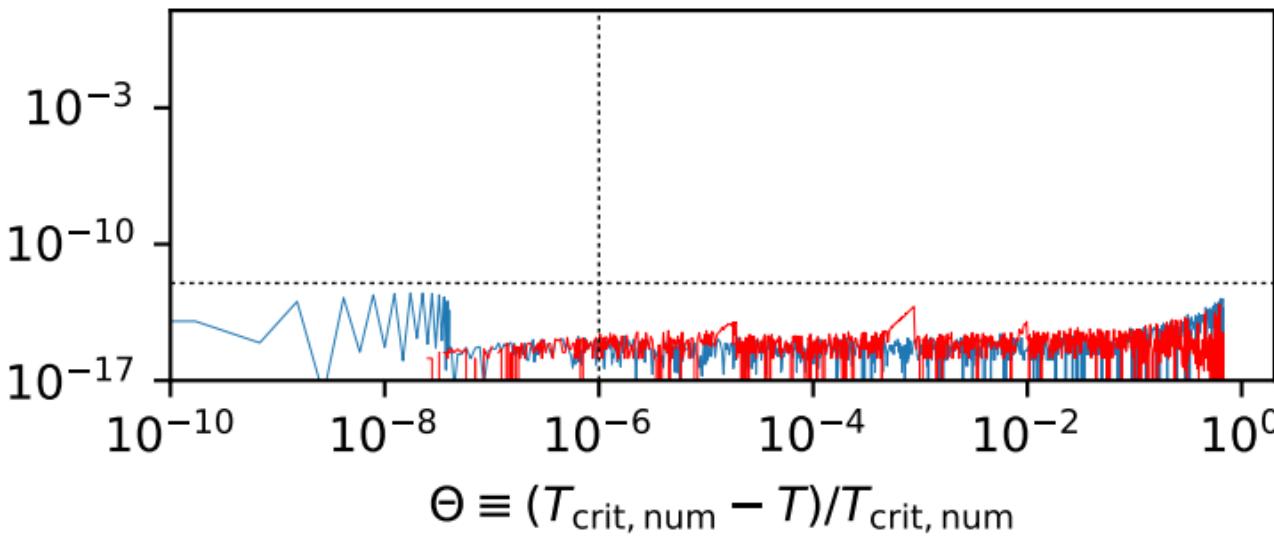
 $r_p$  $r_\mu$ 

# DME

$r_p$



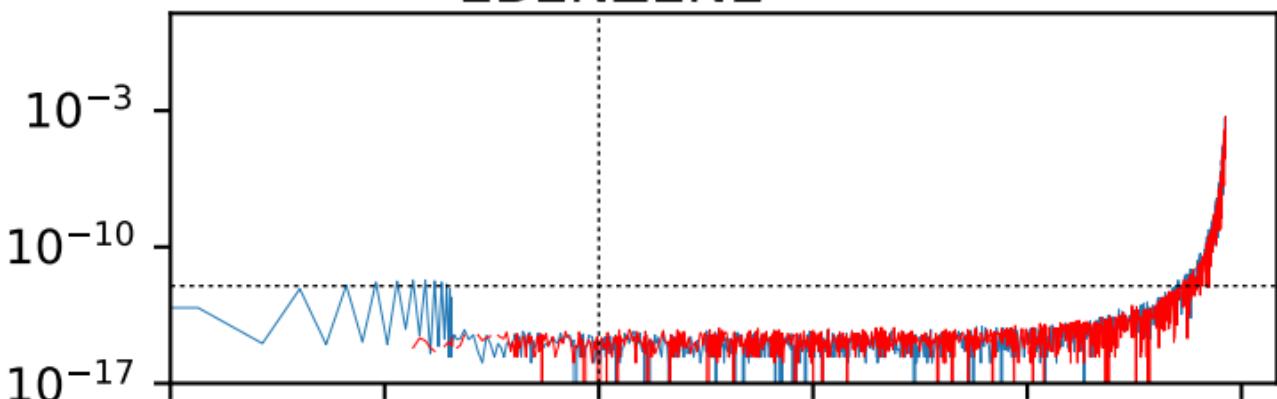
$r_\mu$



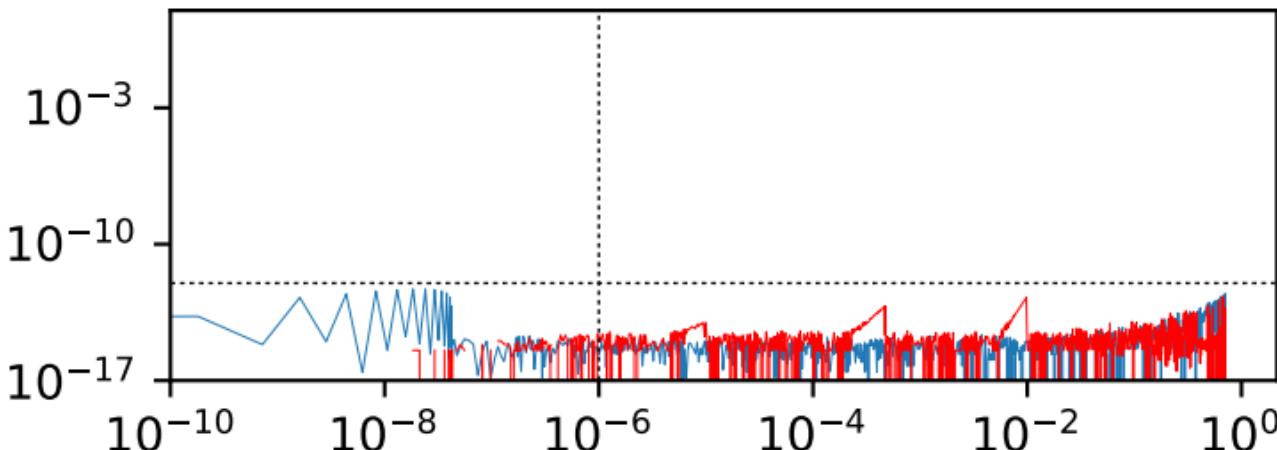
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# EBENZENE

$r_p$



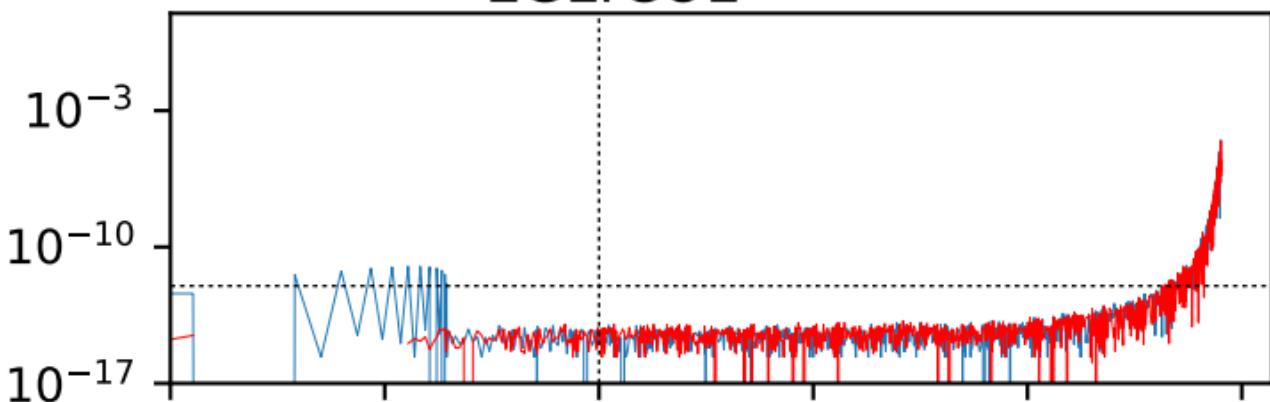
$r_\mu$



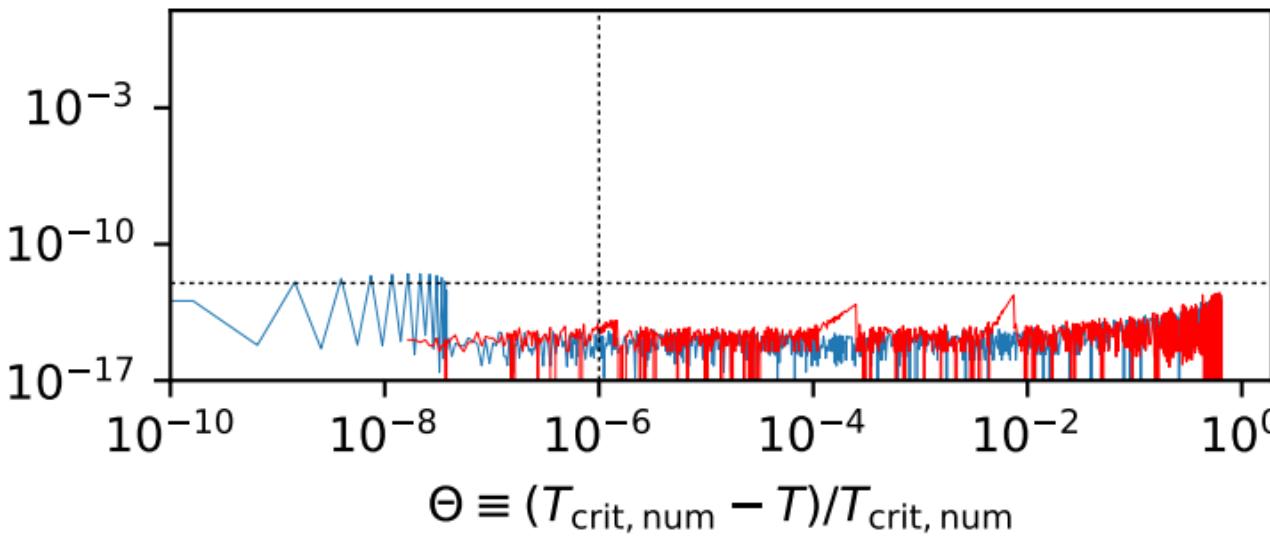
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# EGLYCOL

$r_p$



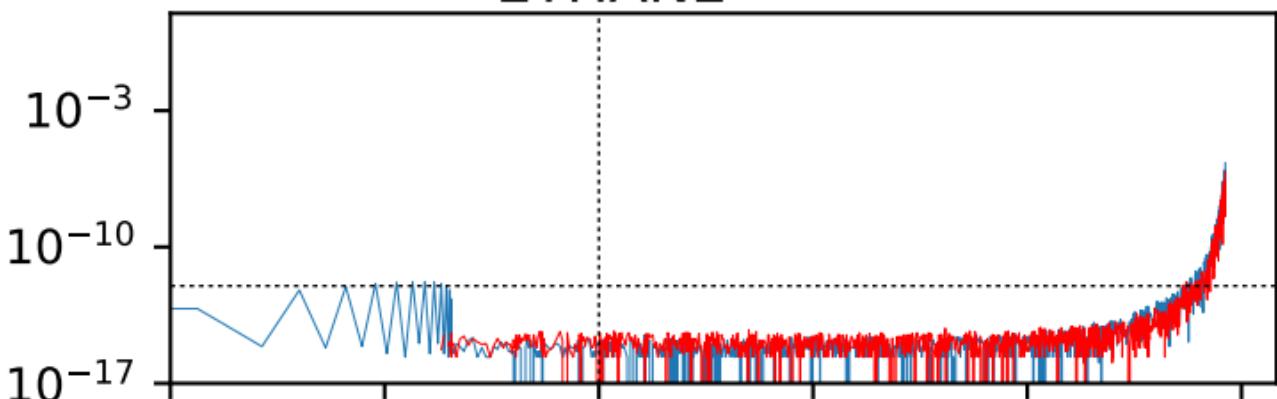
$r_\mu$



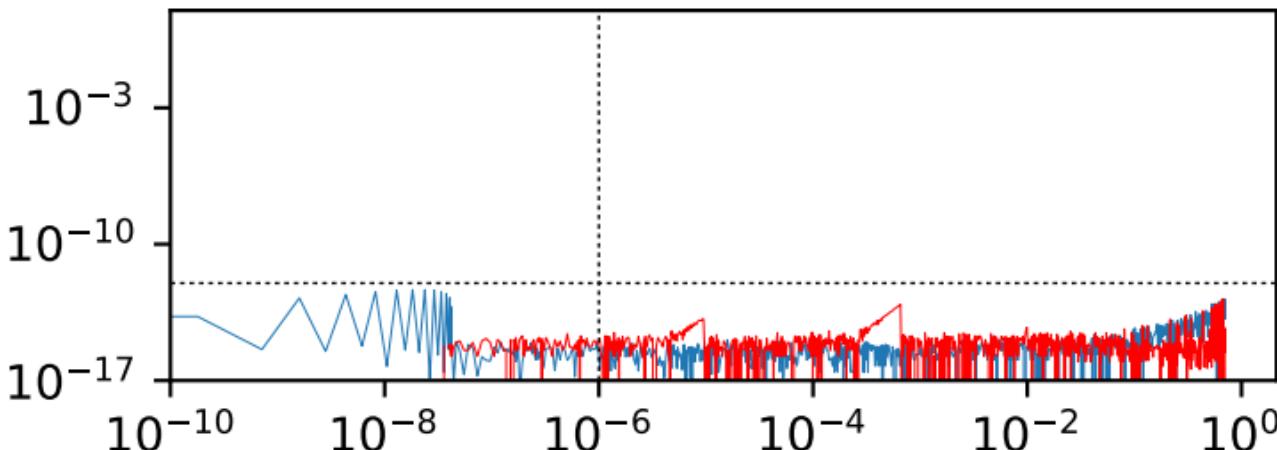
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# ETHANE

$r_p$



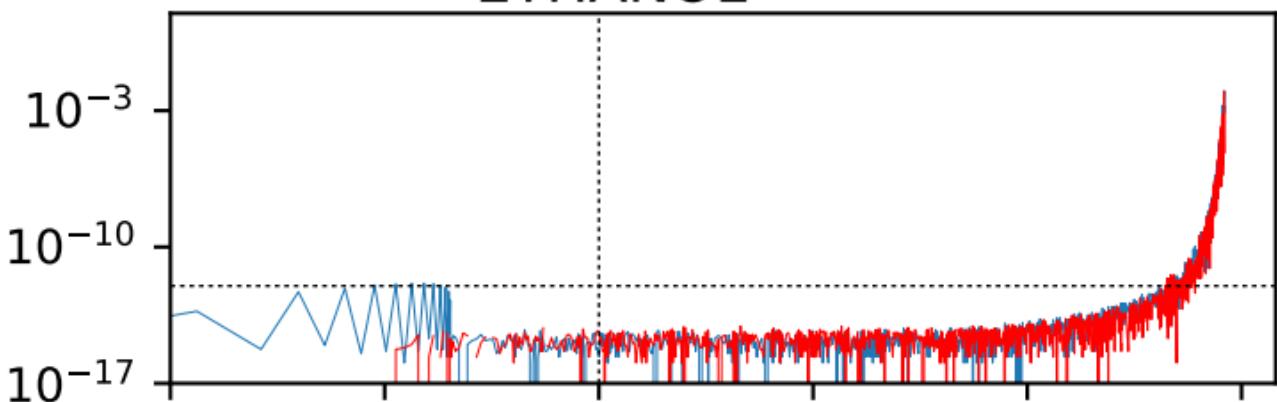
$r_\mu$



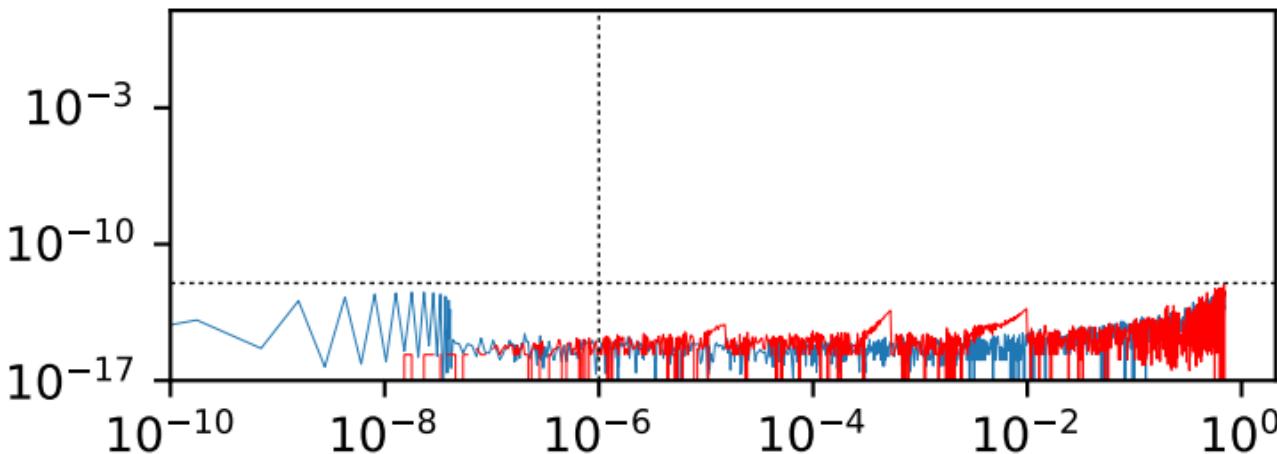
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# ETHANOL

$r_p$

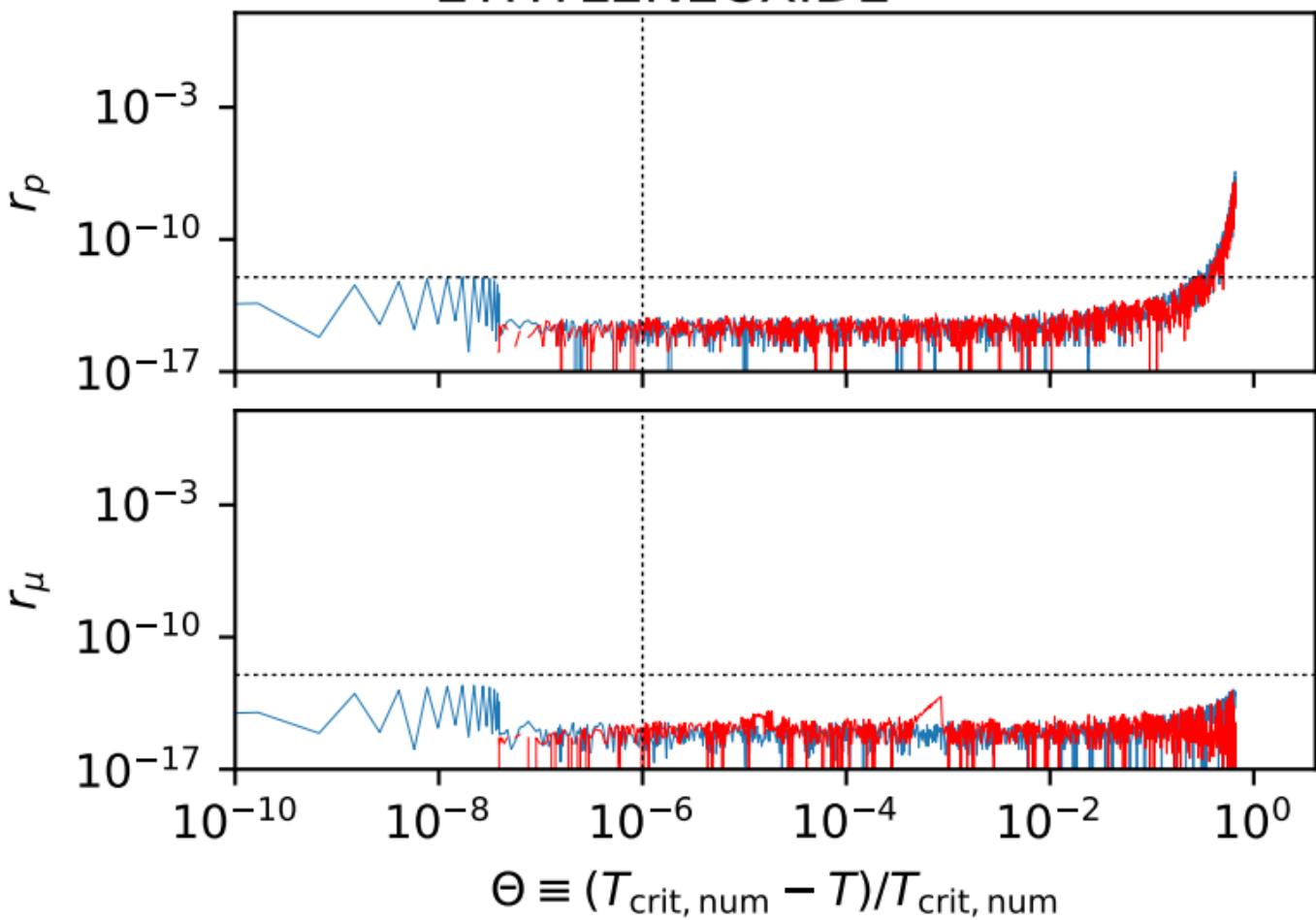


$r_\mu$



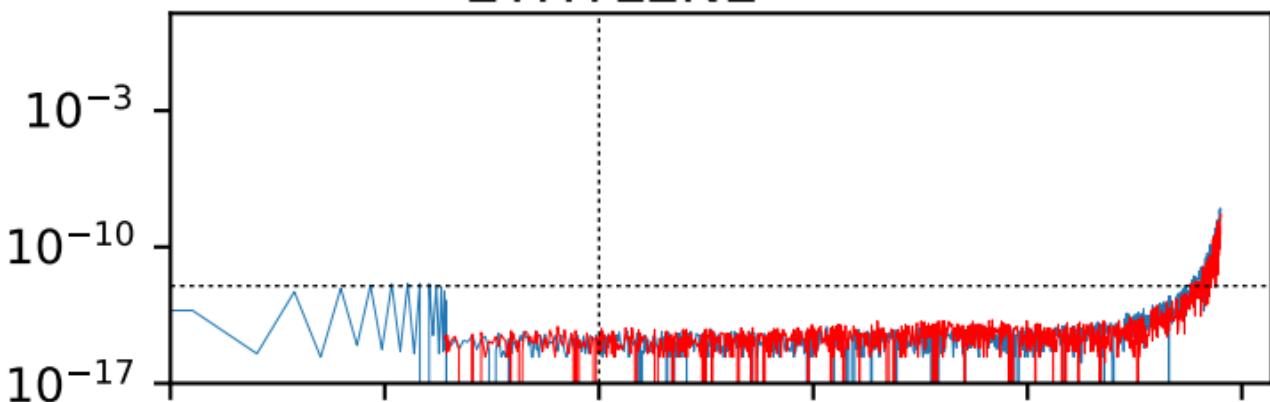
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# ETHYLENEOXIDE

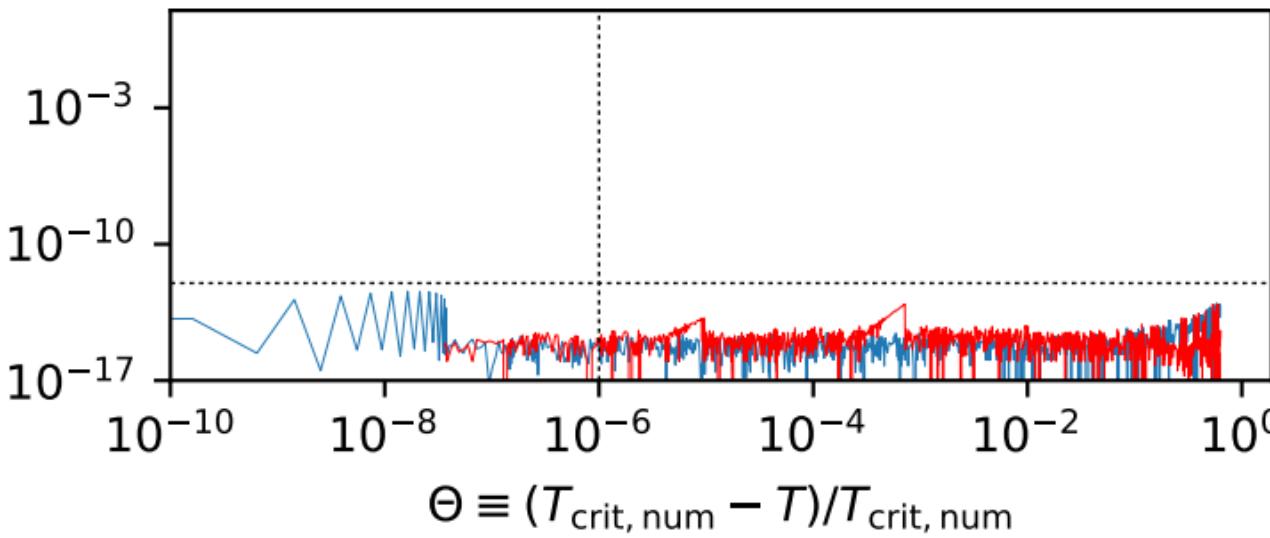


# ETHYLENE

$r_p$



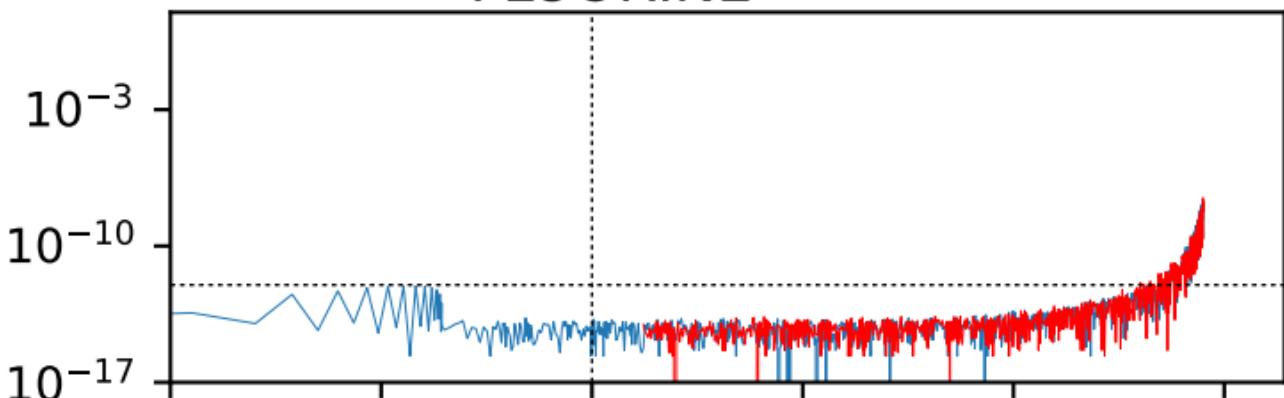
$r_\mu$



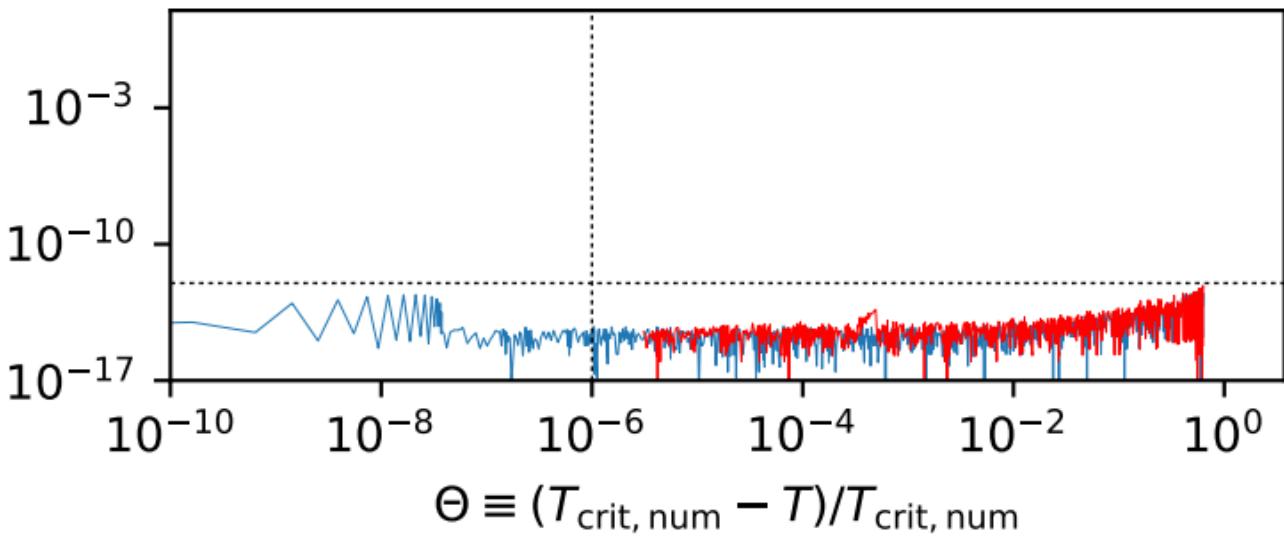
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# FLUORINE

$r_p$

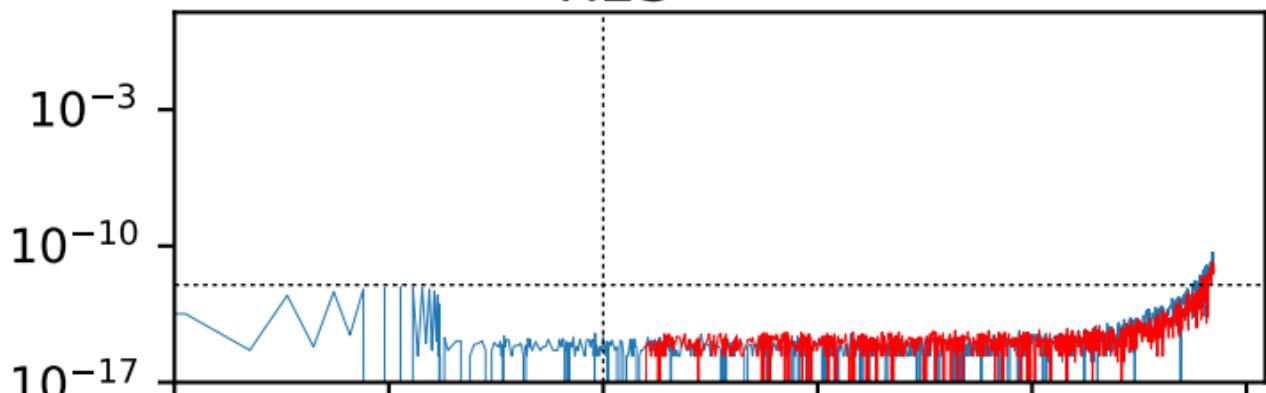


$r_\mu$

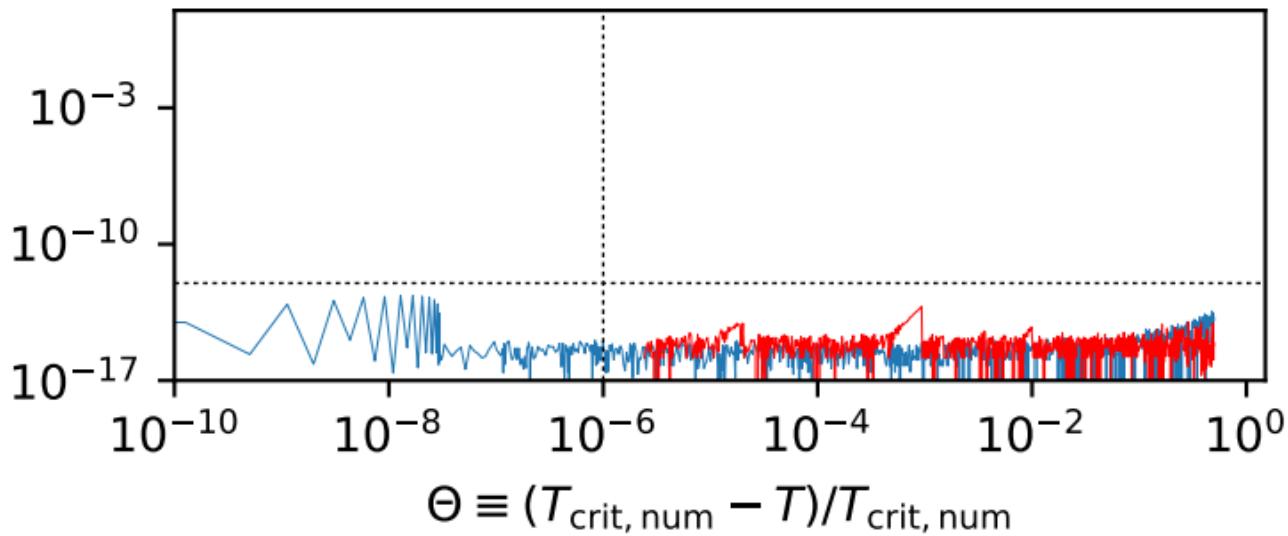


H<sub>2</sub>S

$r_p$

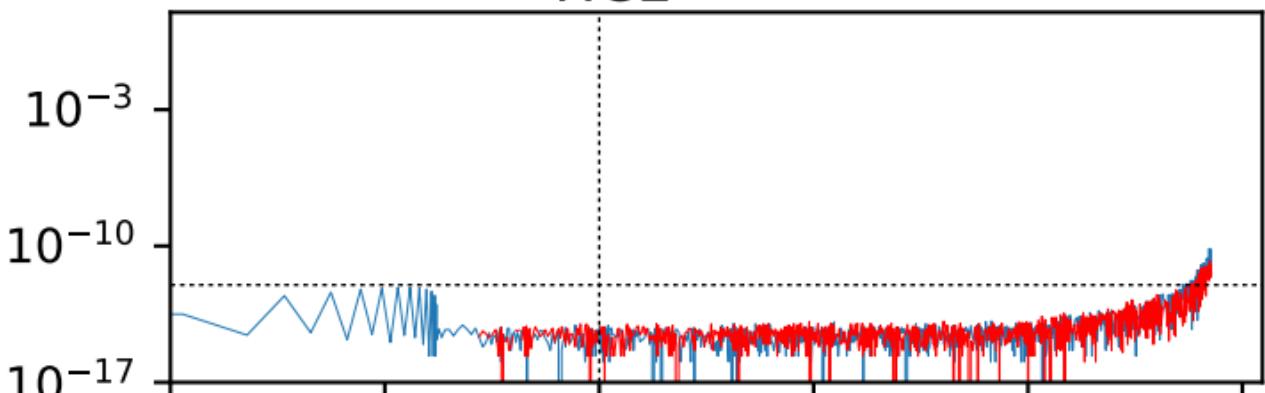


$r_\mu$

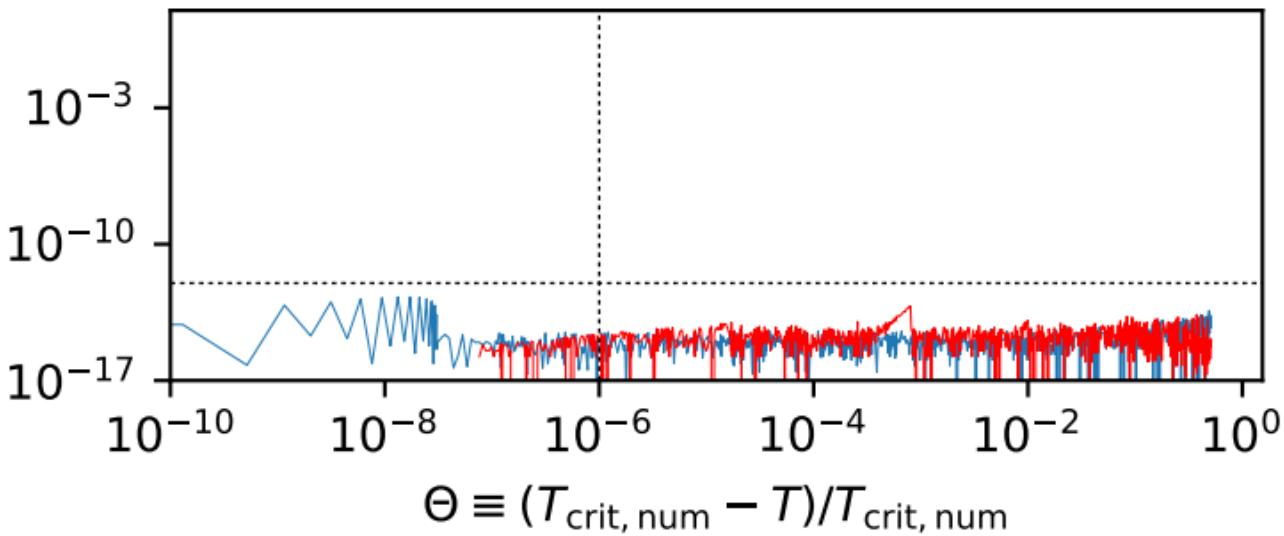


HCL

$r_p$



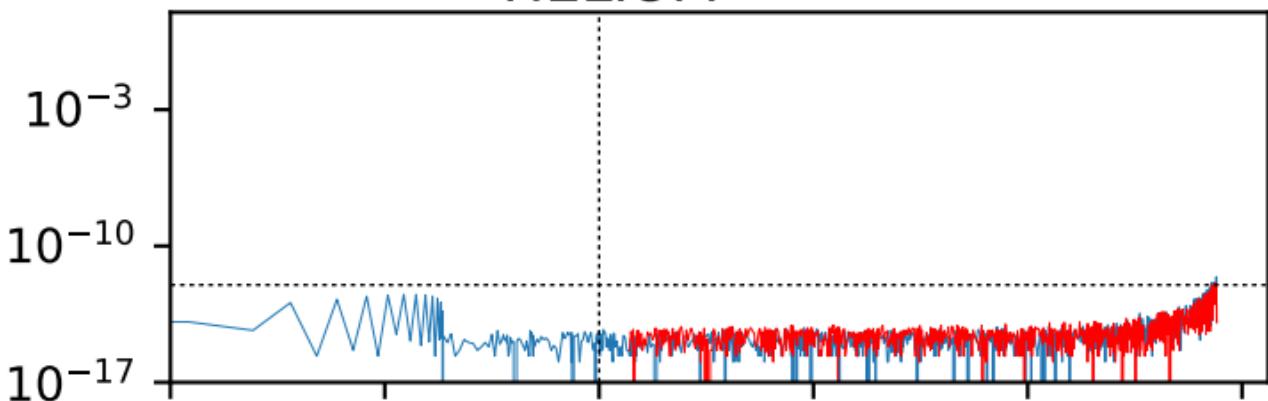
$r_\mu$



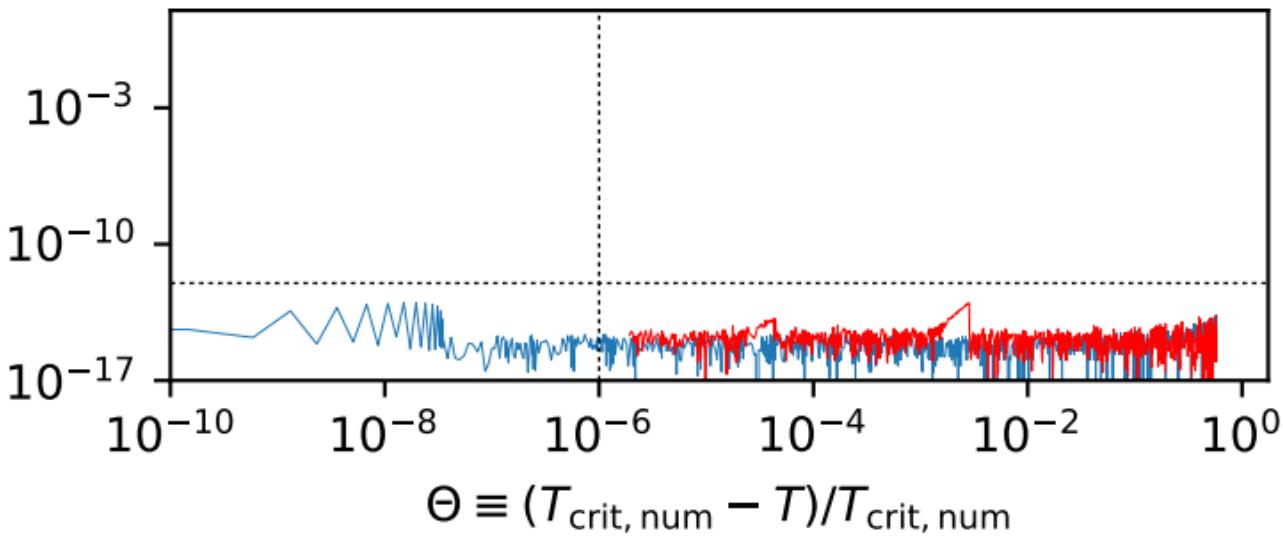
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# HELIUM

$r_p$



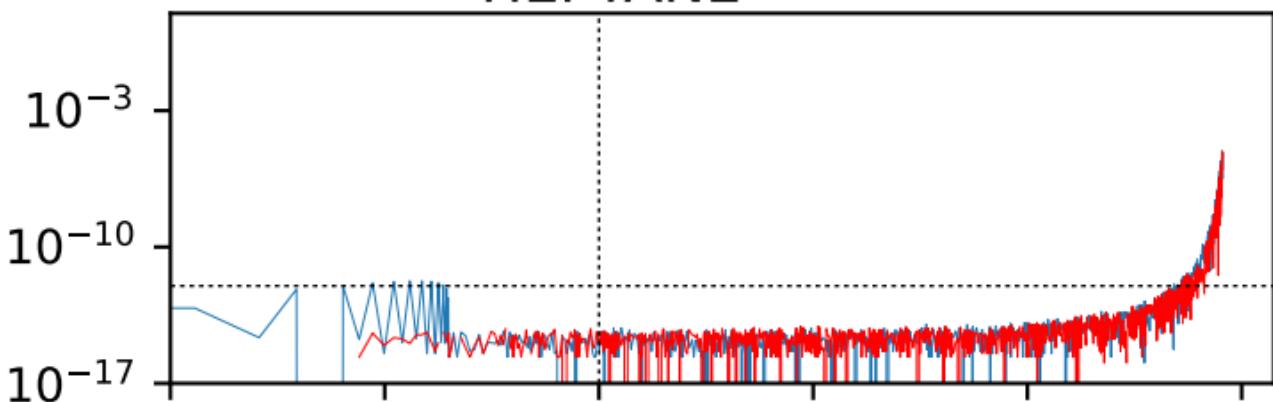
$r_\mu$



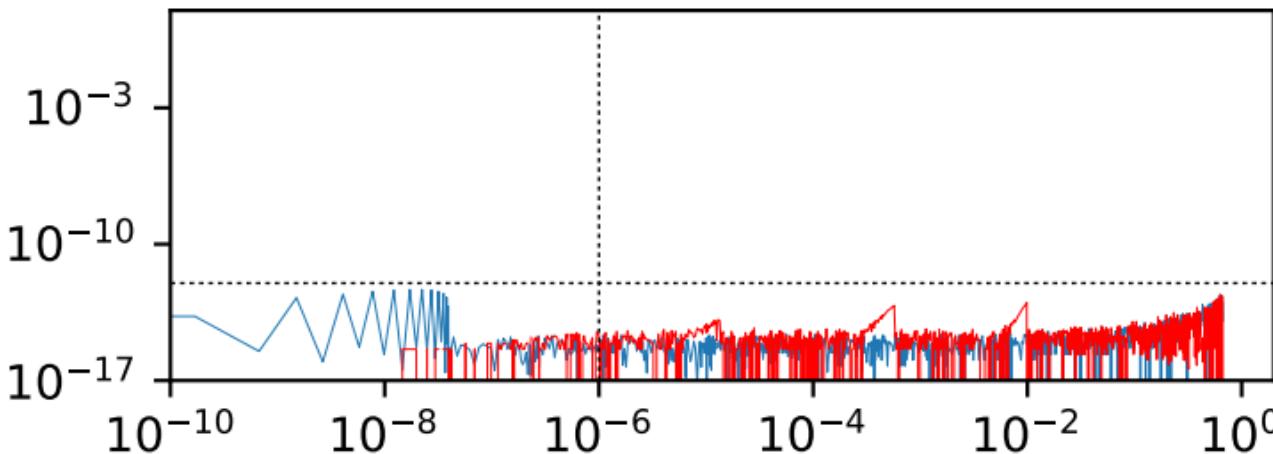
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# HEPTANE

$r_p$



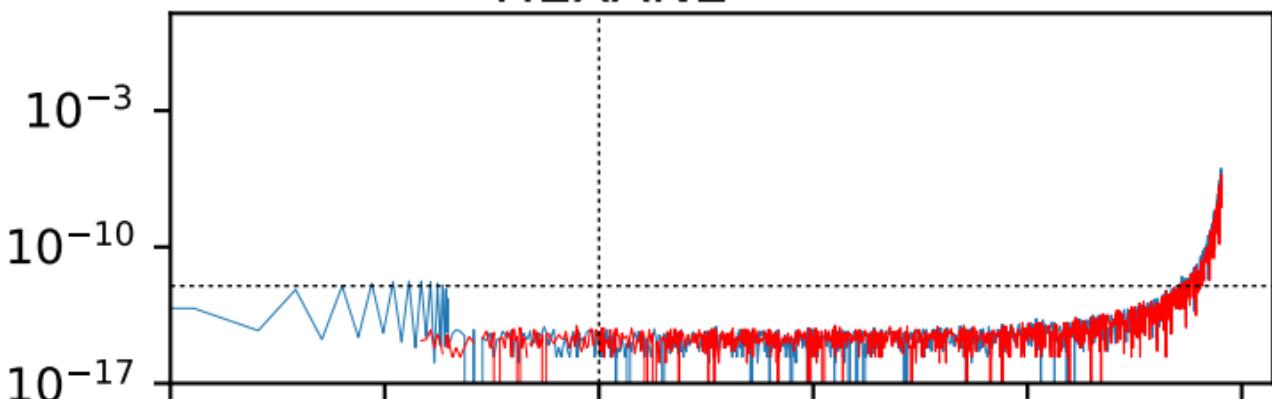
$r_\mu$



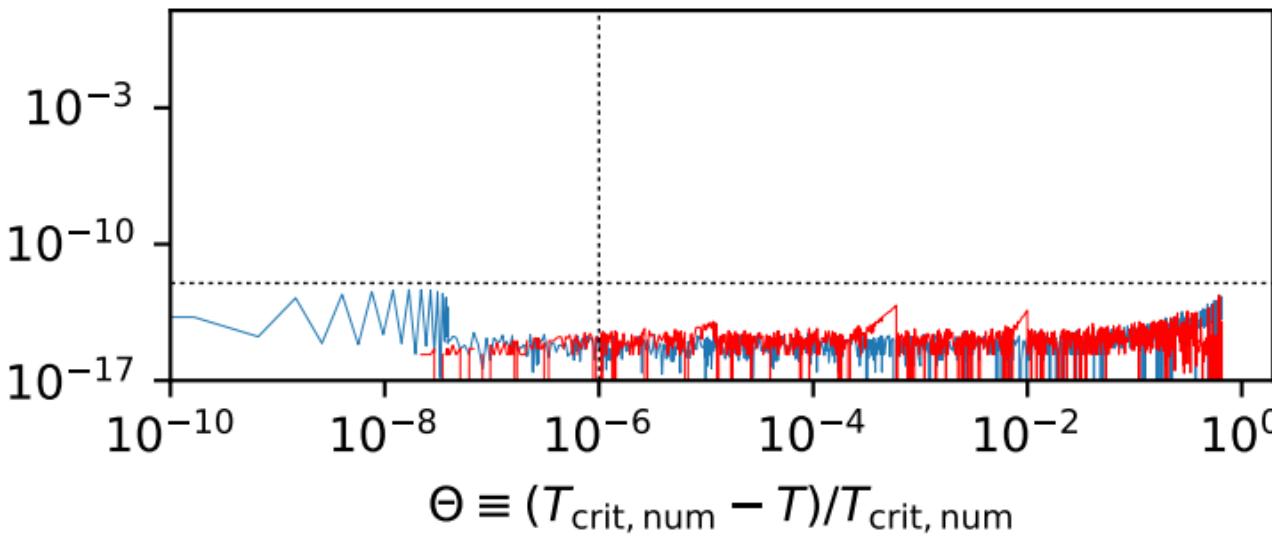
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# HEXANE

$r_p$



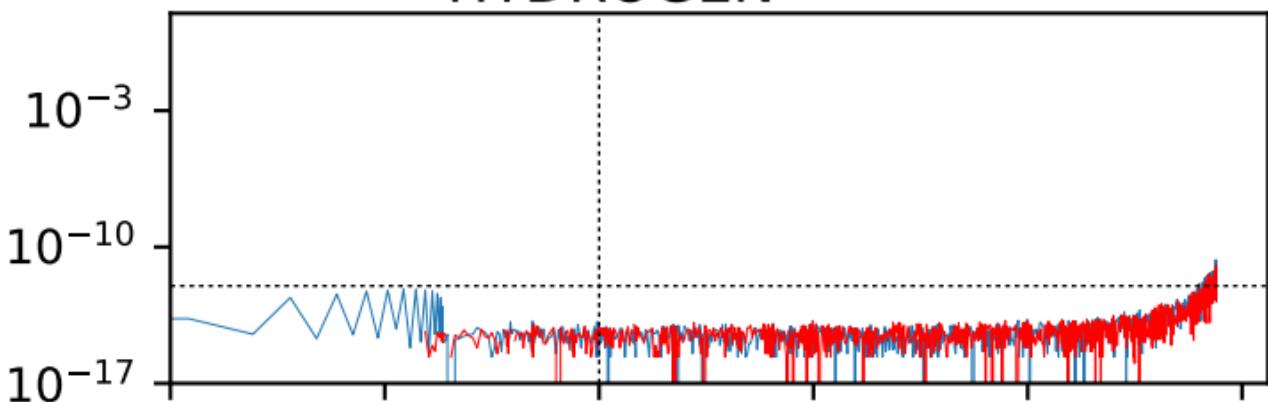
$r_\mu$



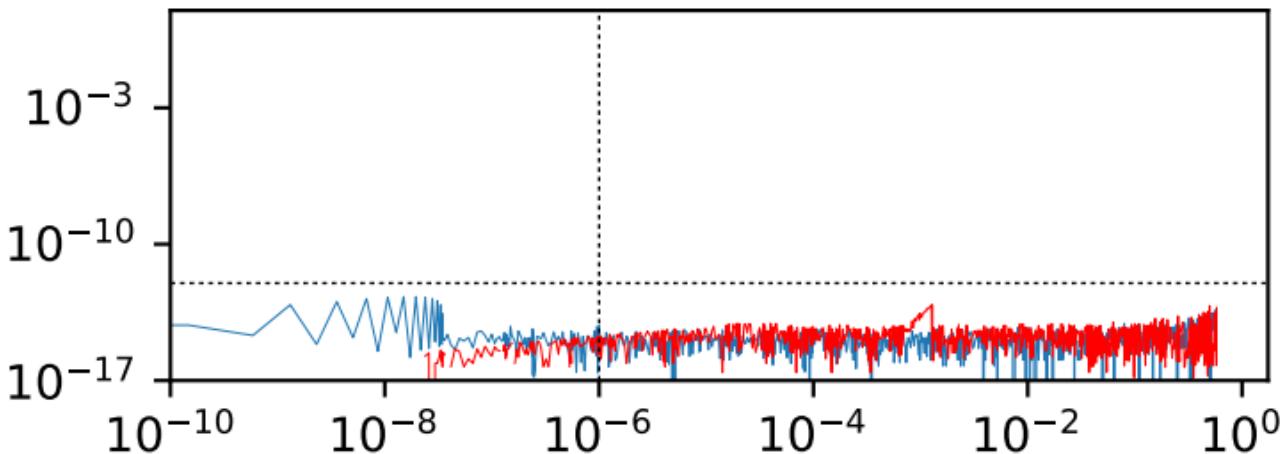
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# HYDROGEN

$r_p$



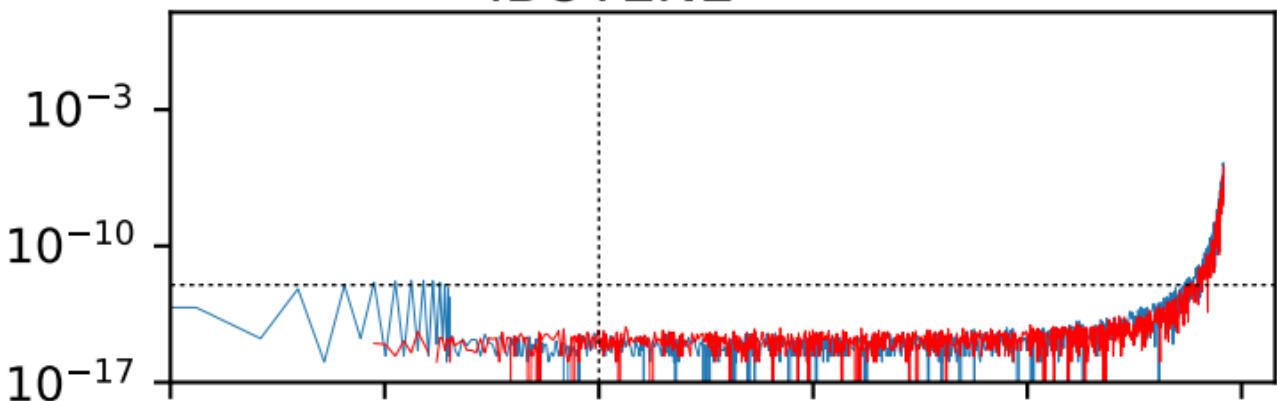
$r_\mu$



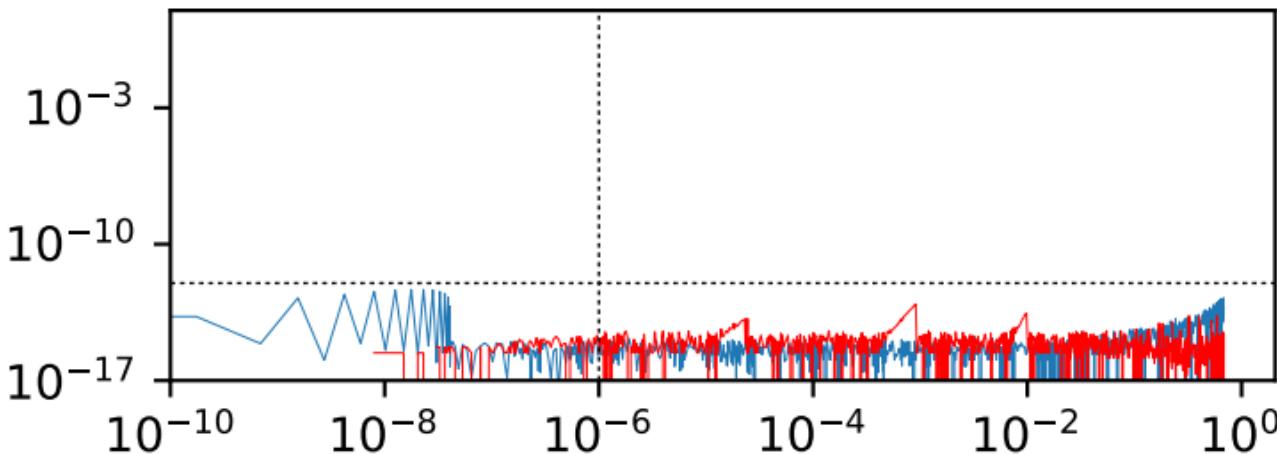
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# IBUTENE

$r_p$

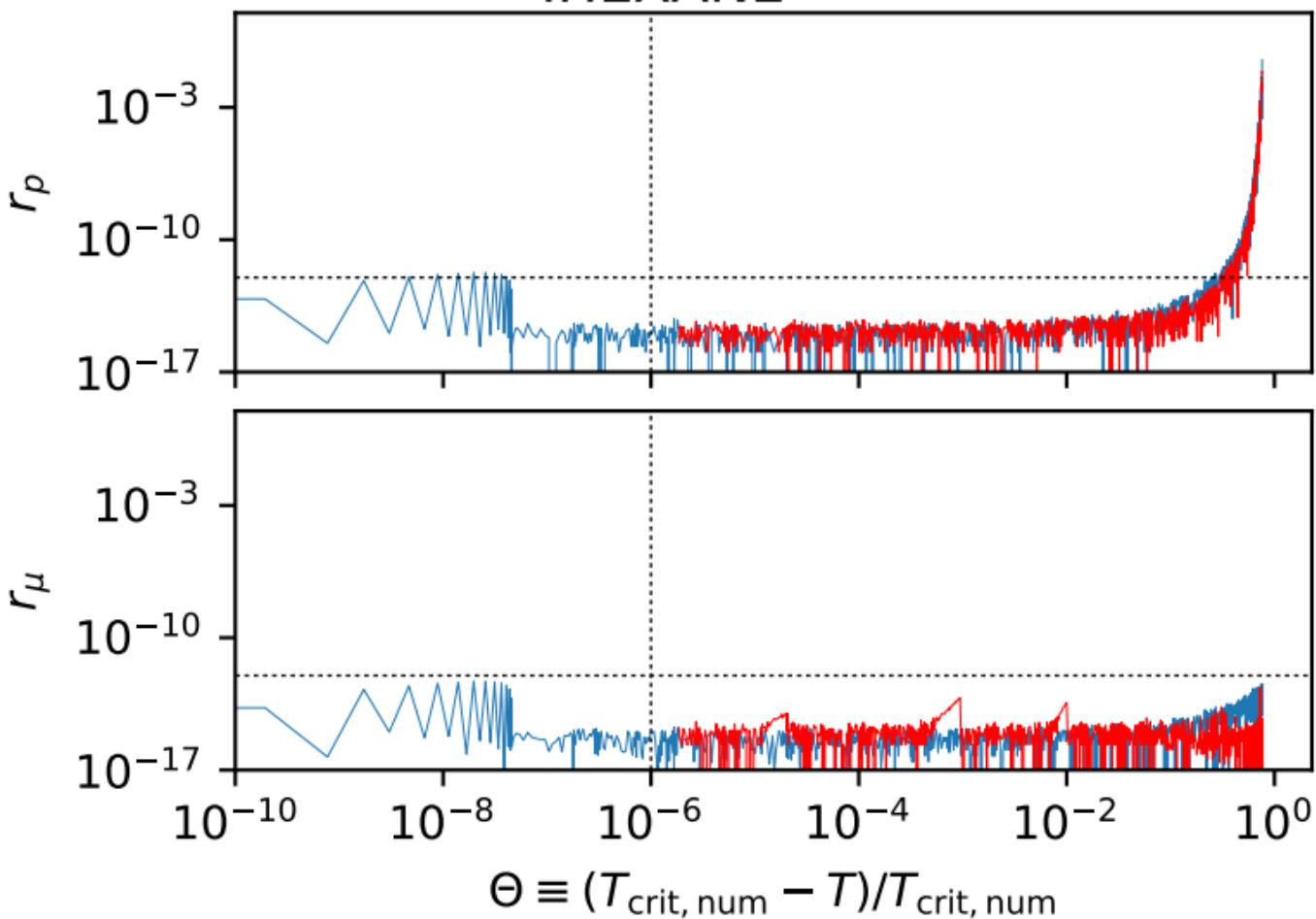


$r_\mu$



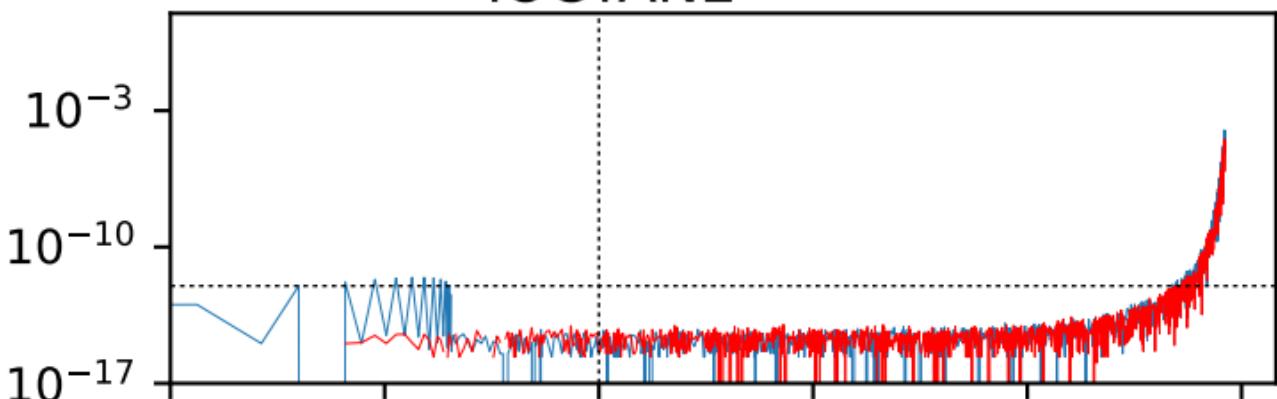
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# IHEXANE

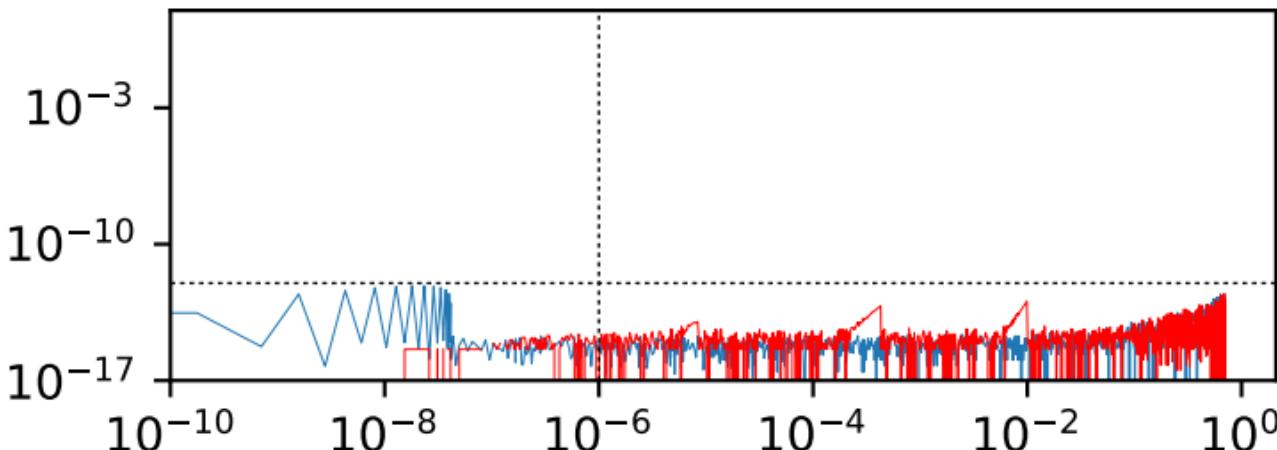


# IOCTANE

$r_p$

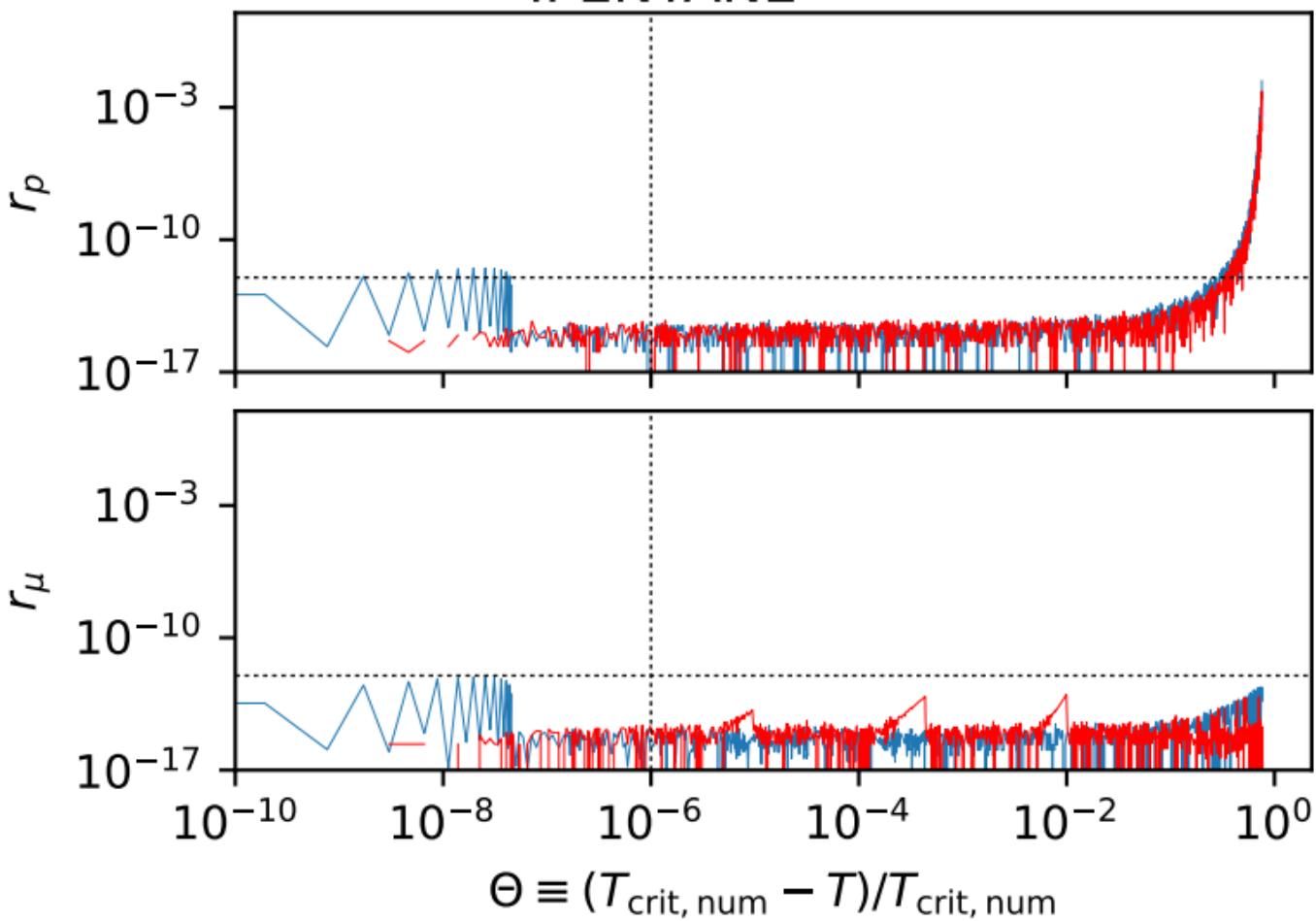


$r_\mu$



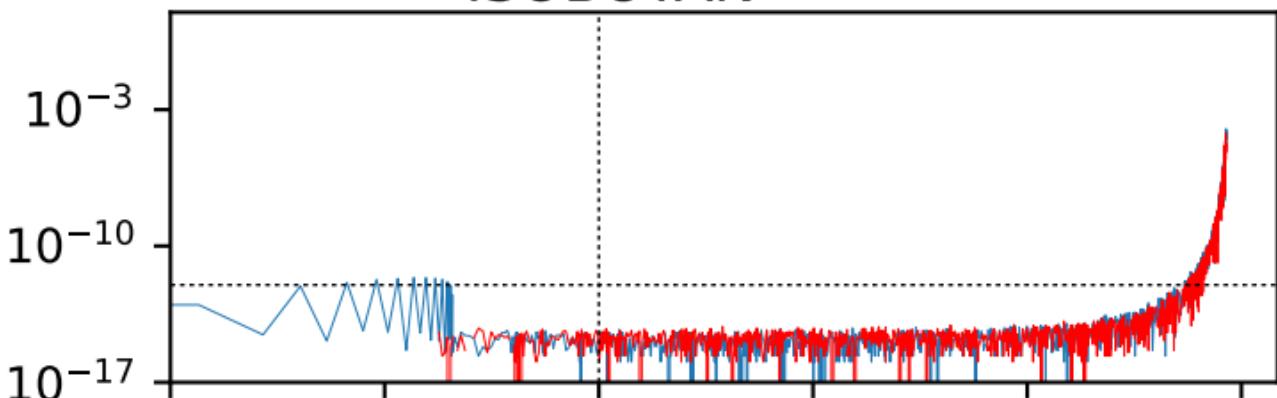
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# IPENTANE

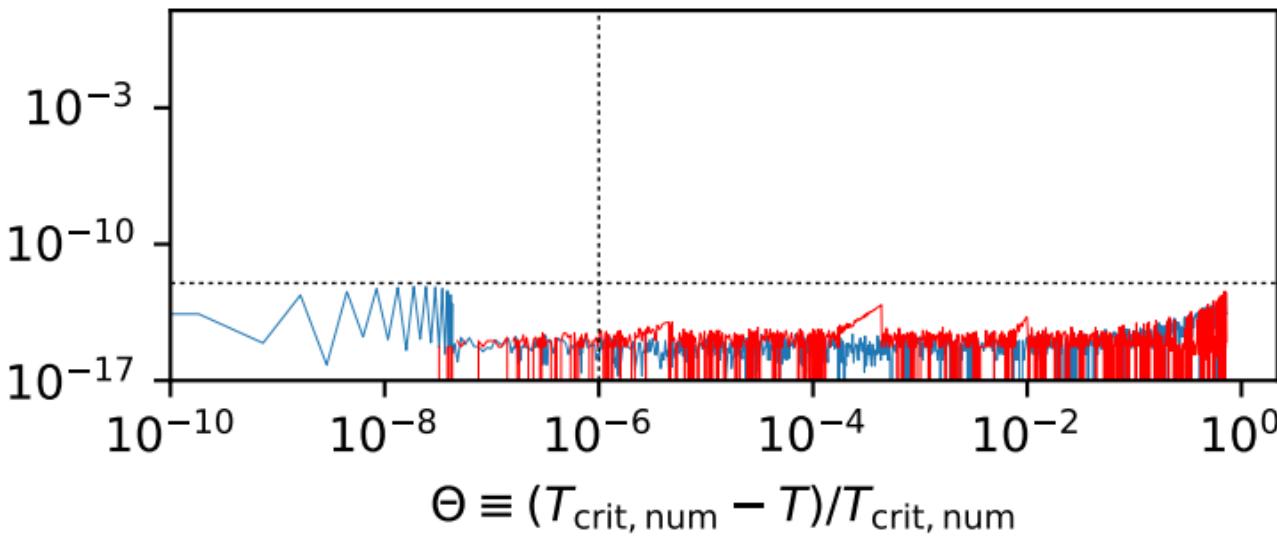


# ISOBUTAN

$r_p$



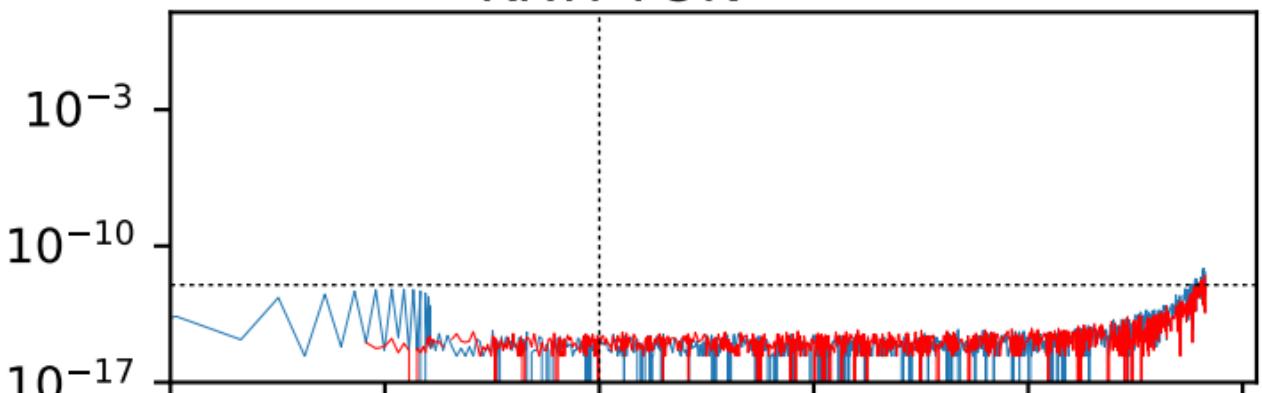
$r_\mu$



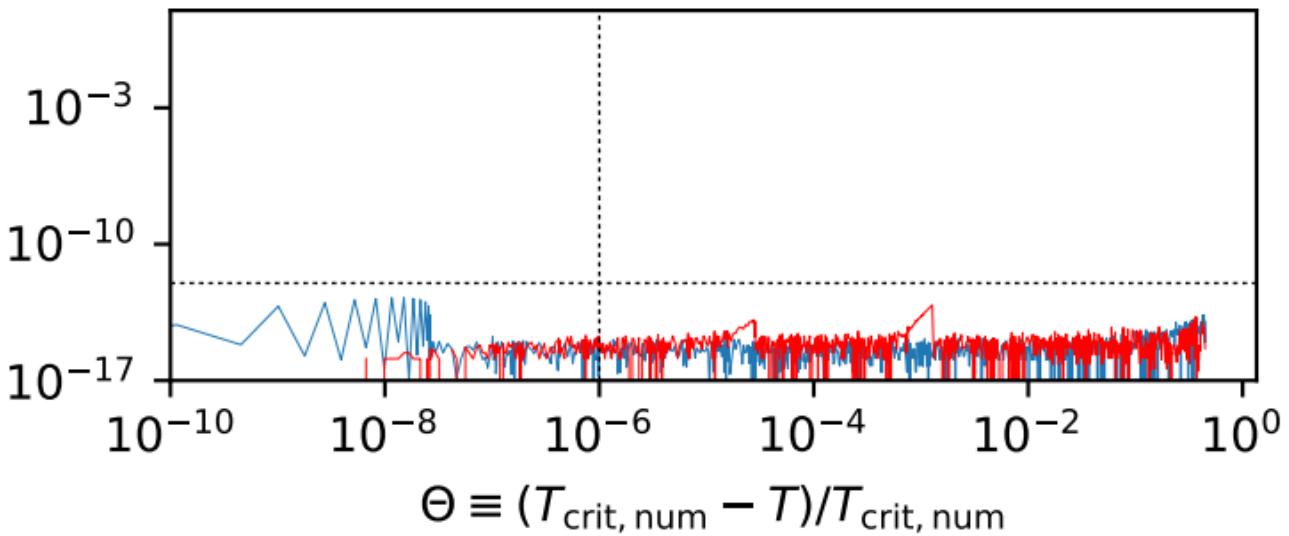
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# KRYPTON

$r_p$



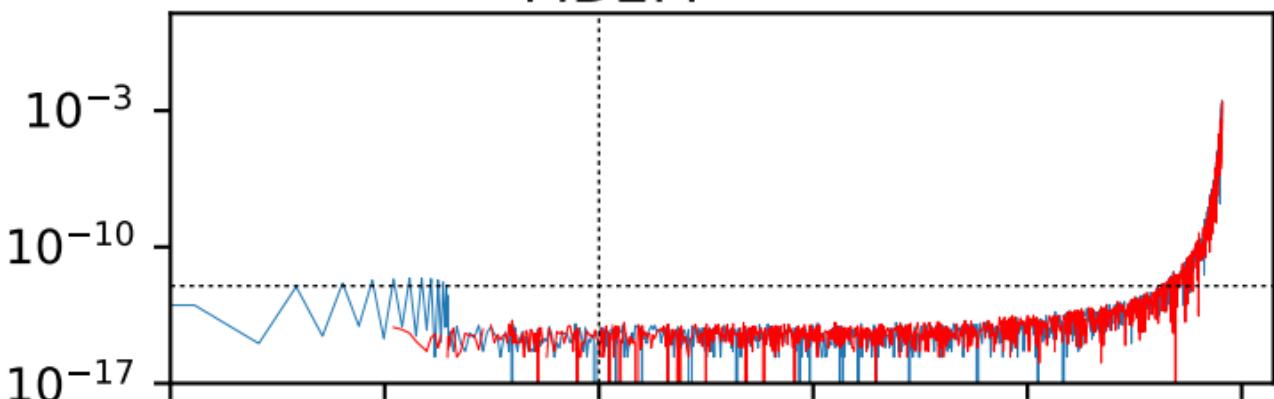
$r_\mu$



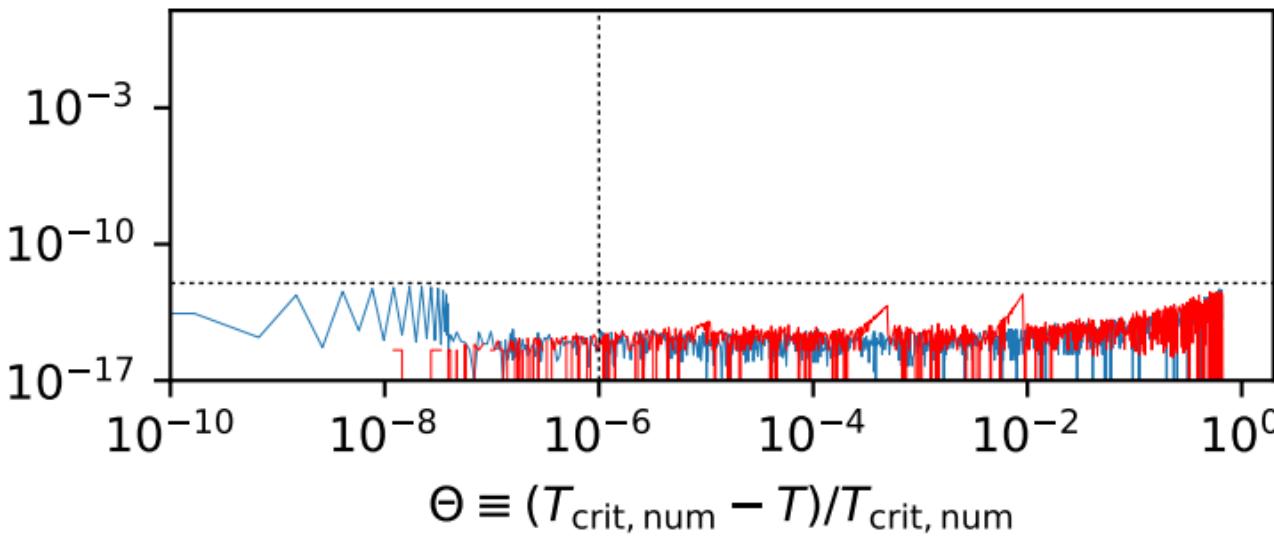
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MD2M

$r_p$



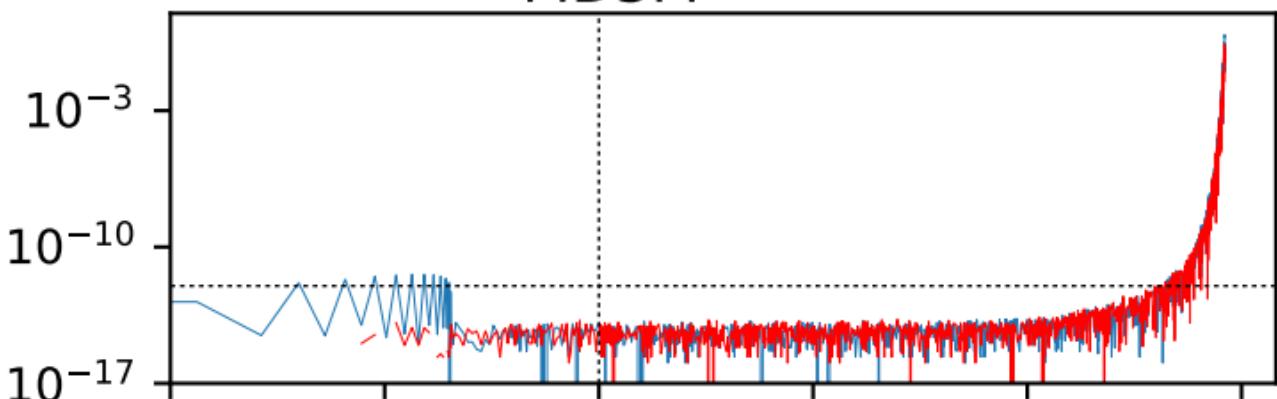
$r_\mu$



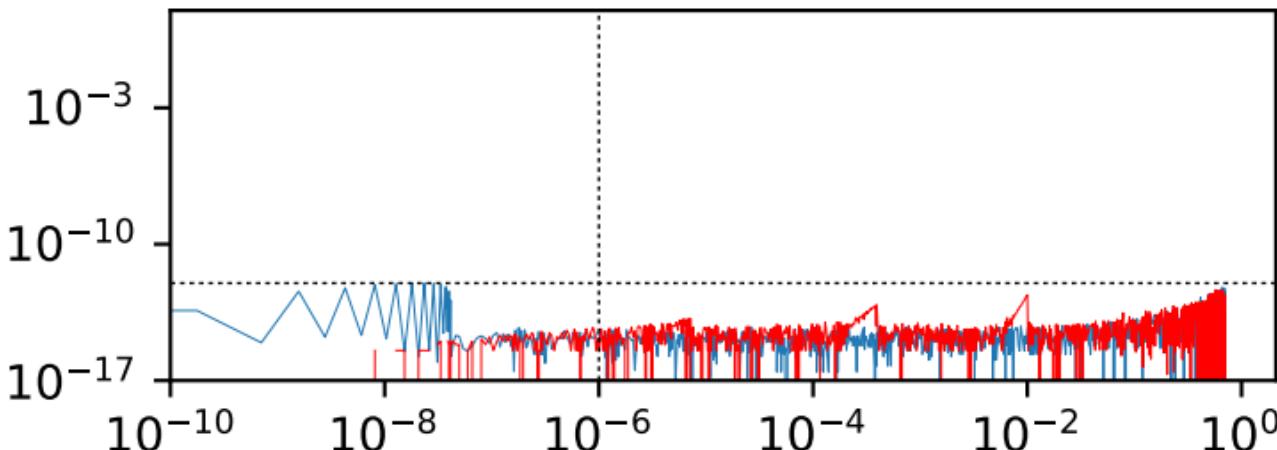
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MD3M

$r_p$



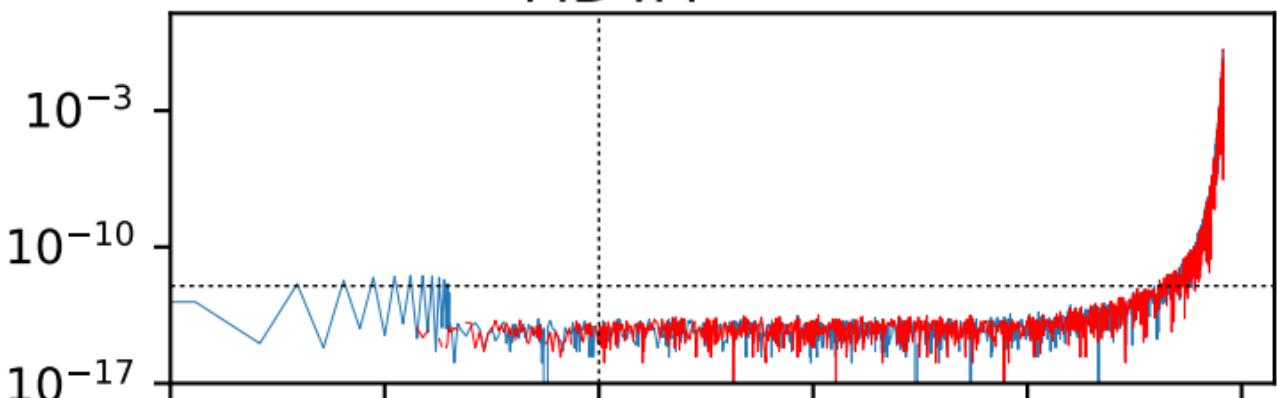
$r_\mu$



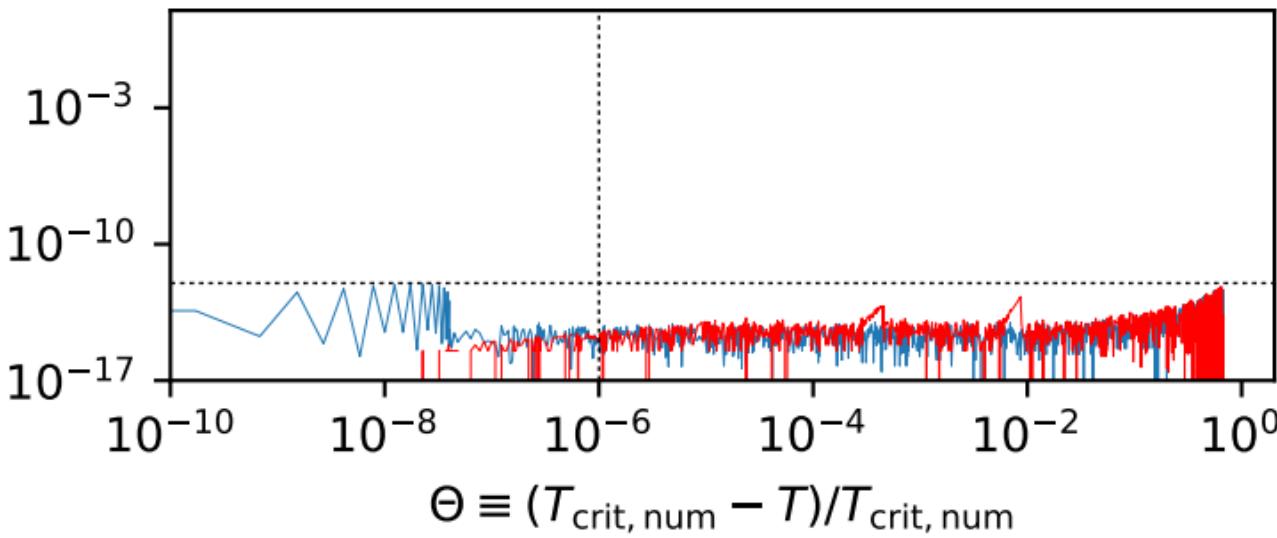
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MD4M

$r_p$



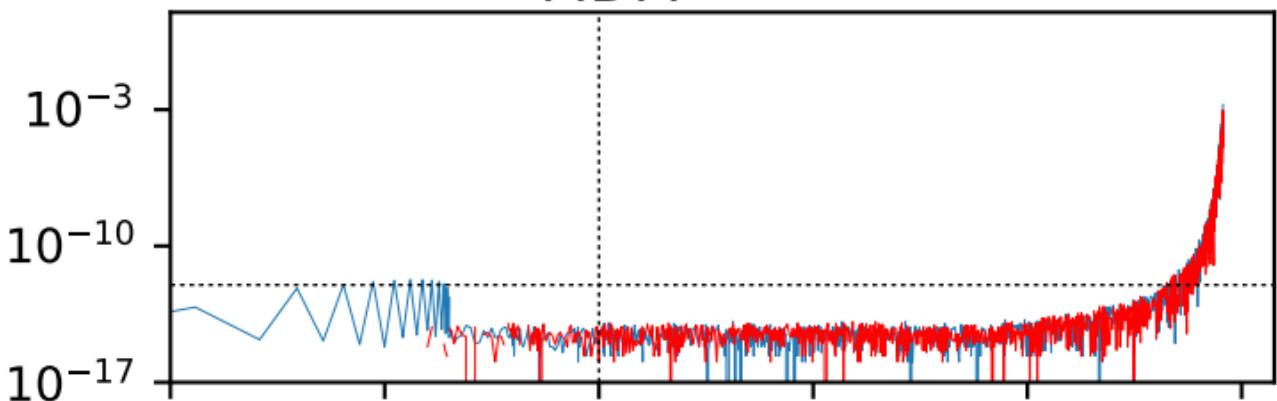
$r_\mu$



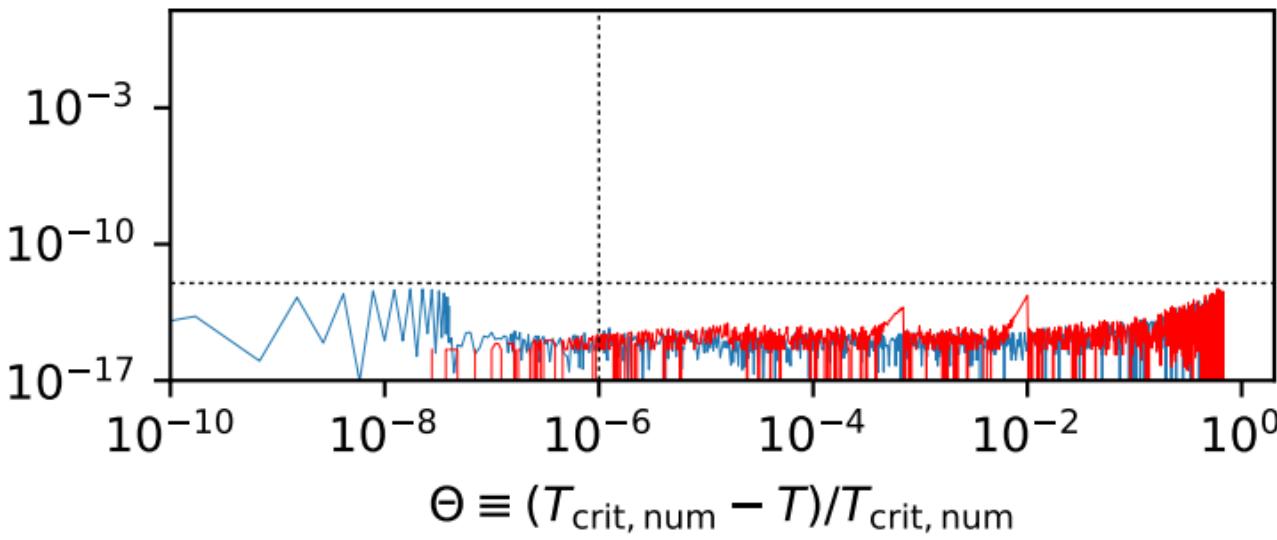
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MDM

$r_p$



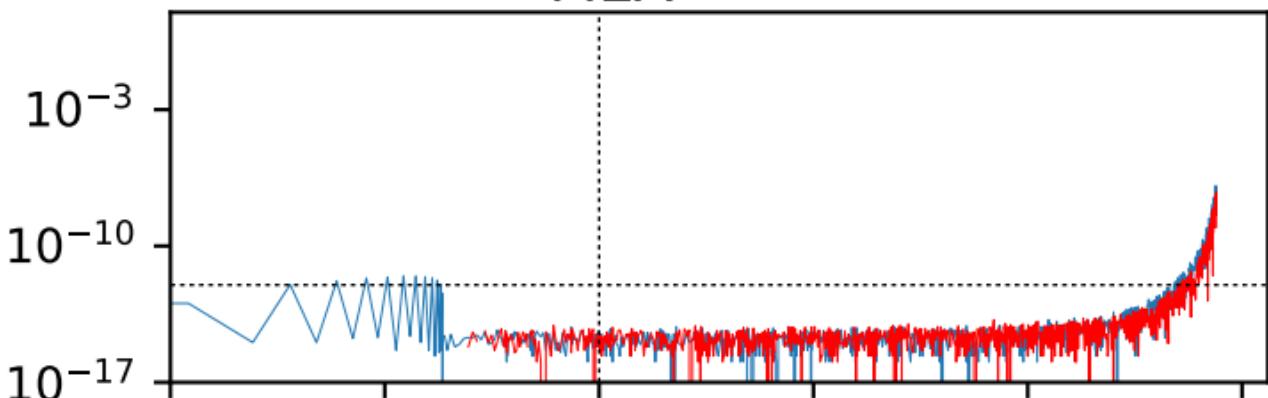
$r_\mu$



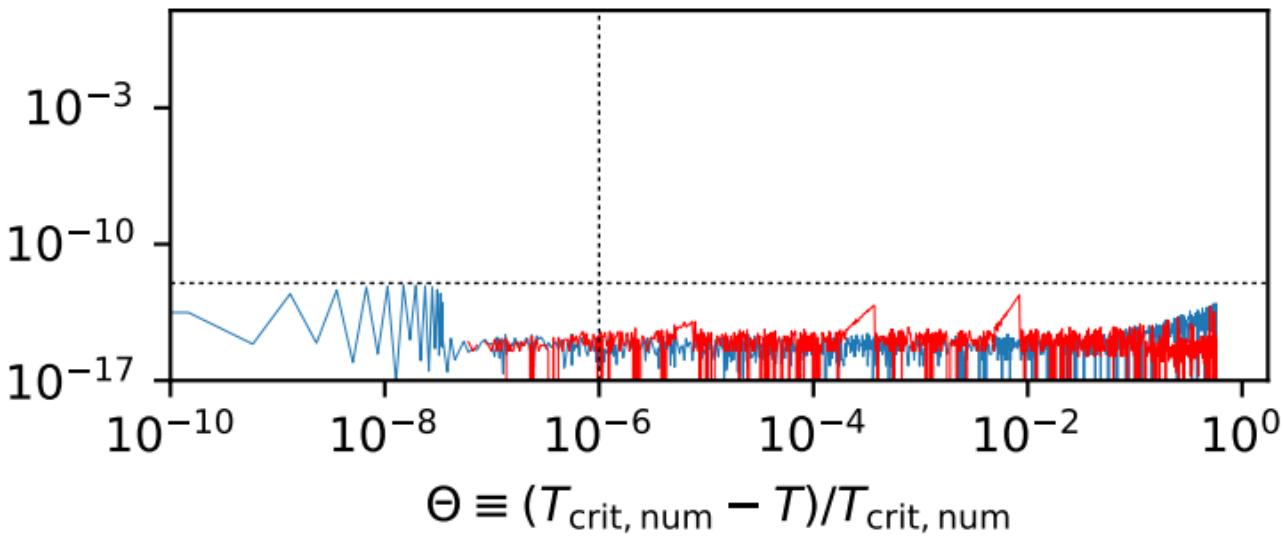
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MEA

$r_p$

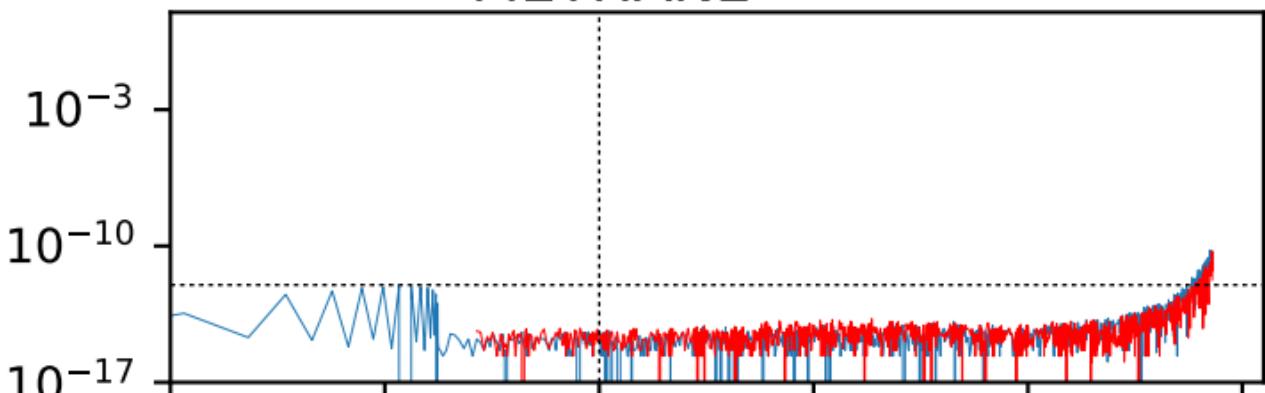


$r_\mu$

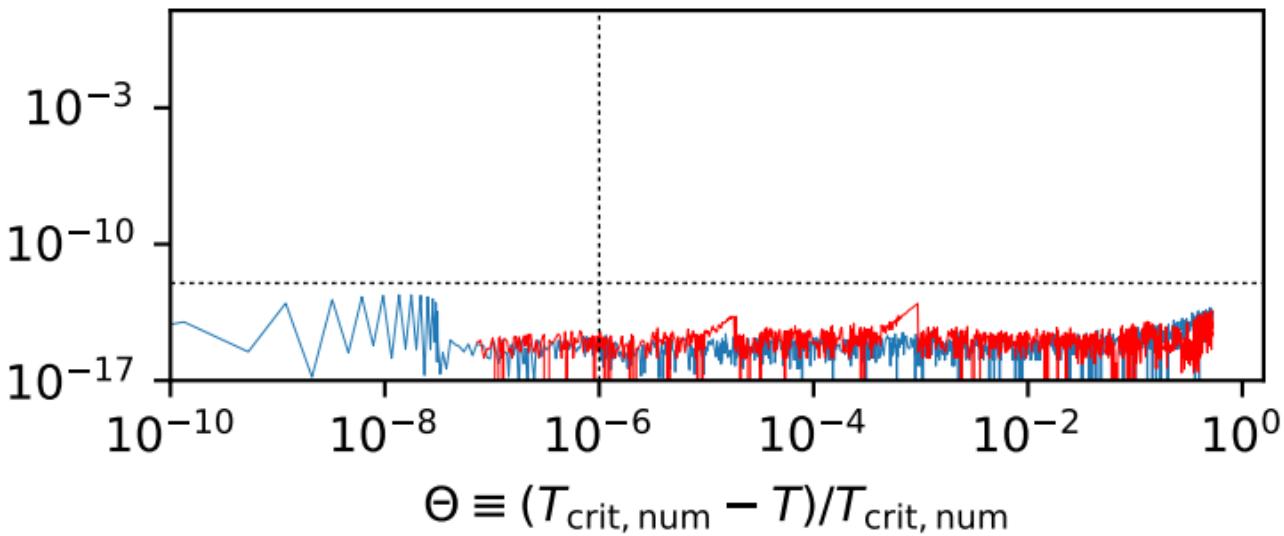


# METHANE

$r_p$

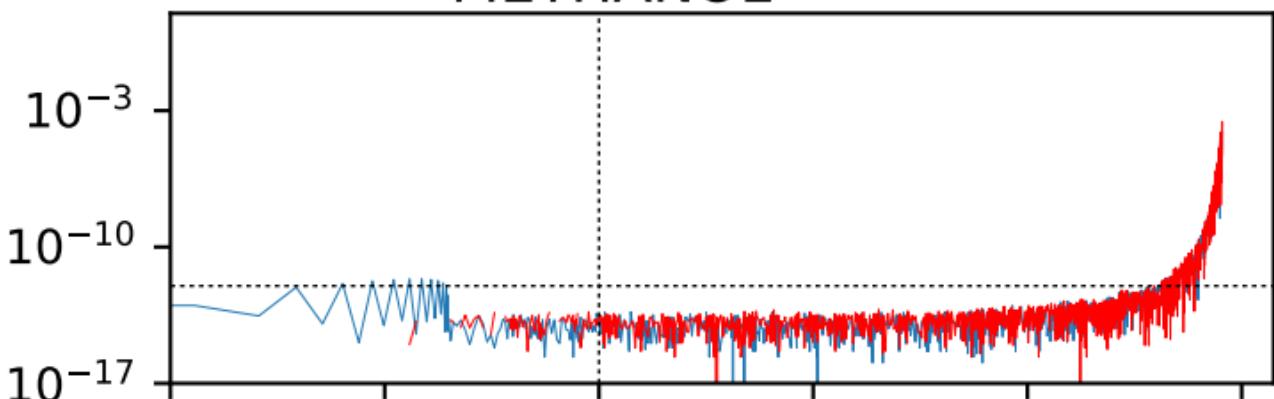


$r_\mu$

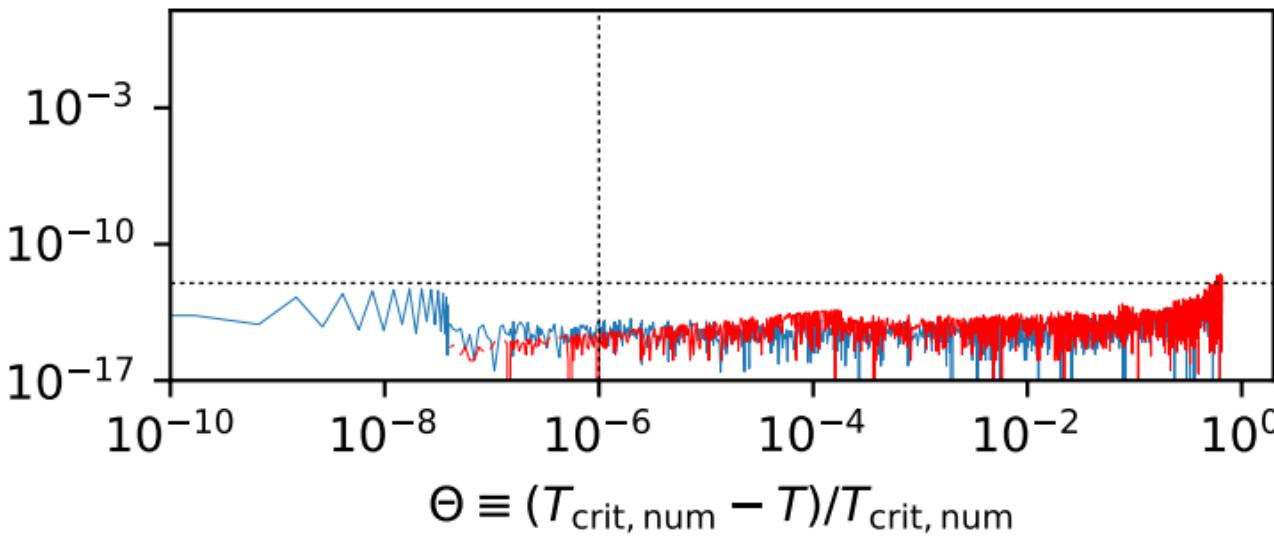


# METHANOL

$r_p$



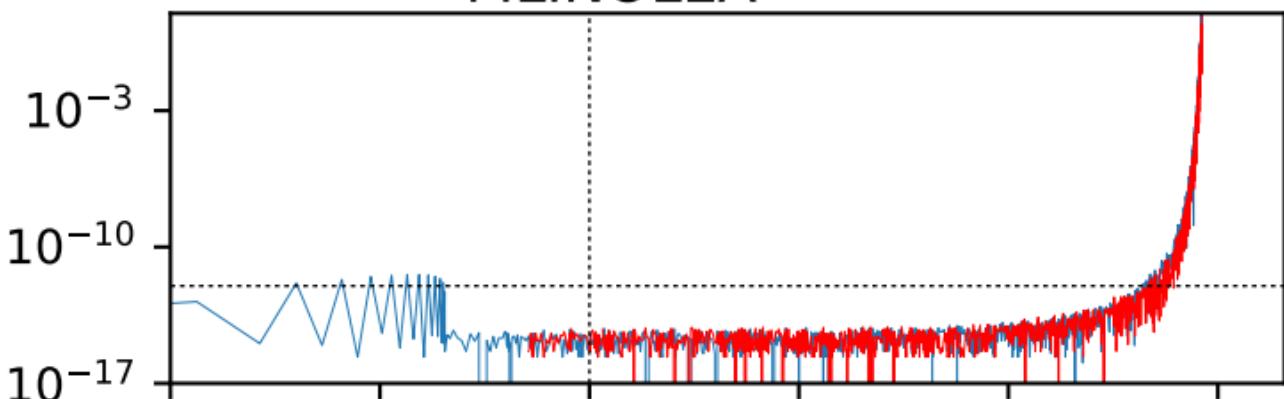
$r_\mu$



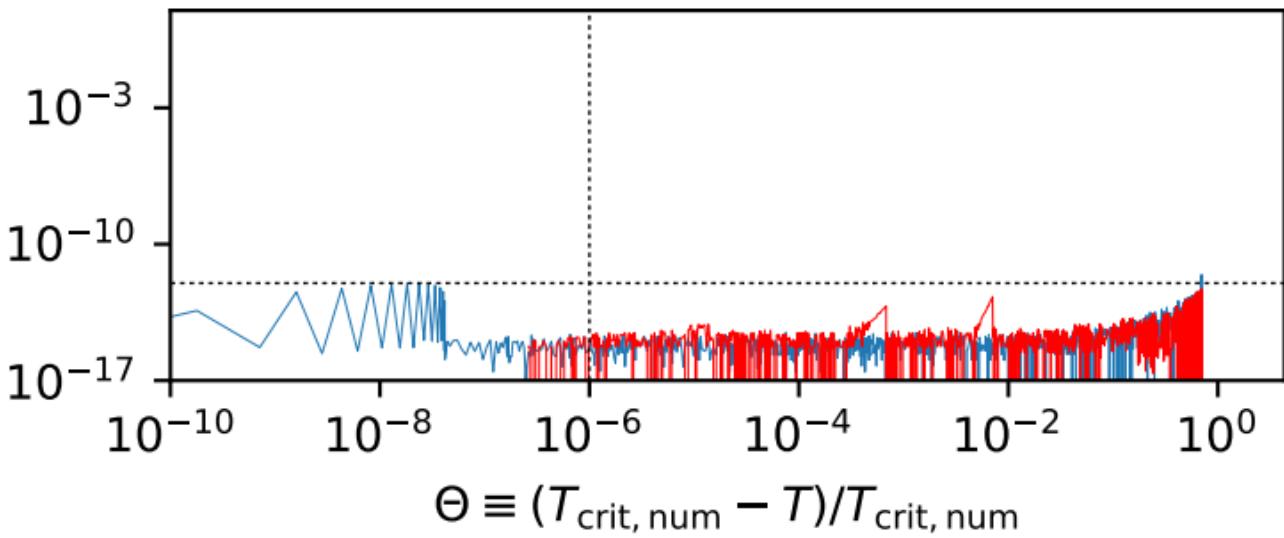
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MLINOLEA

$r_p$



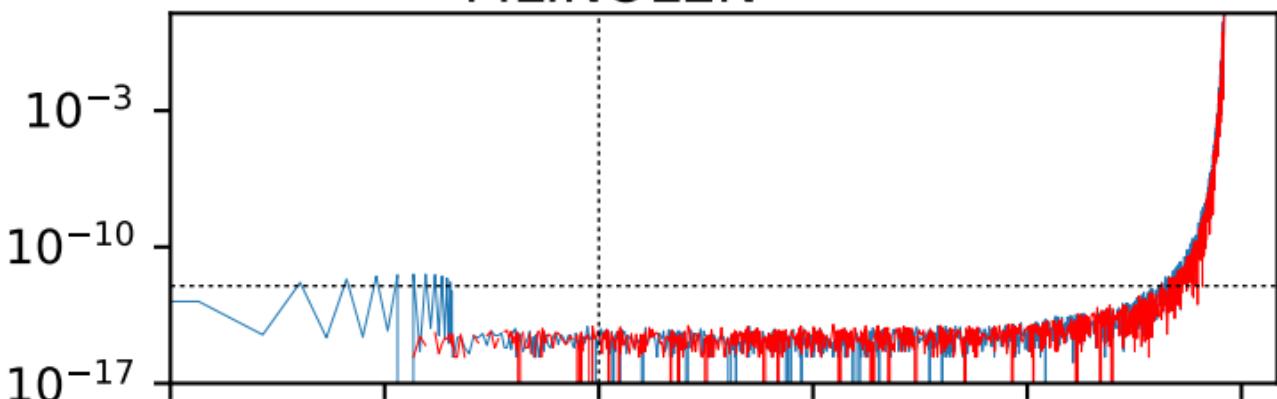
$r_\mu$



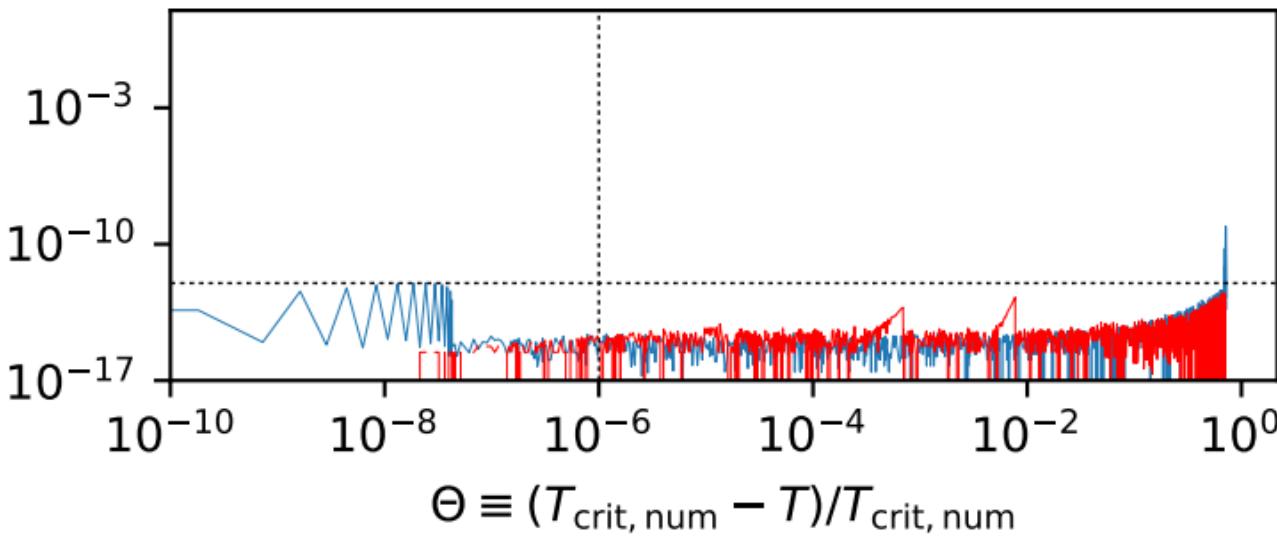
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MLINOLEN

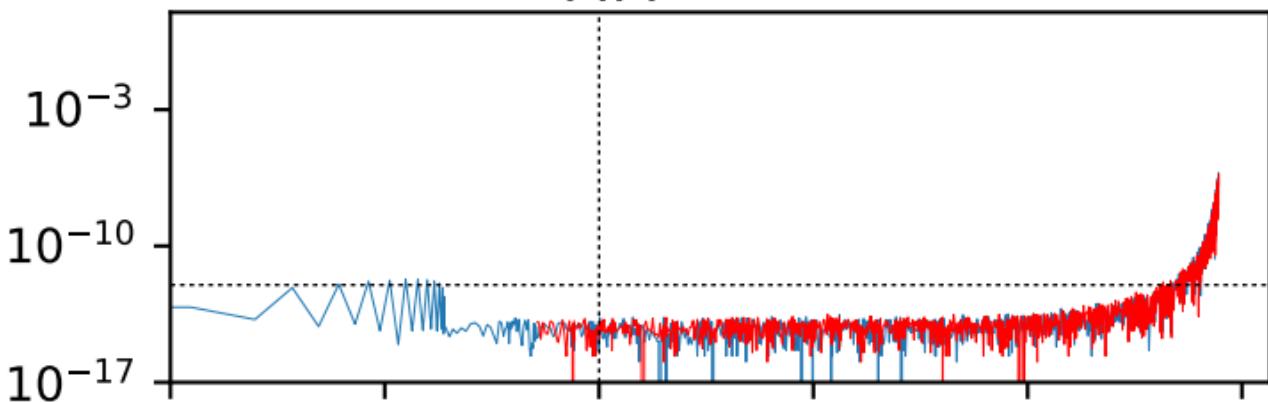
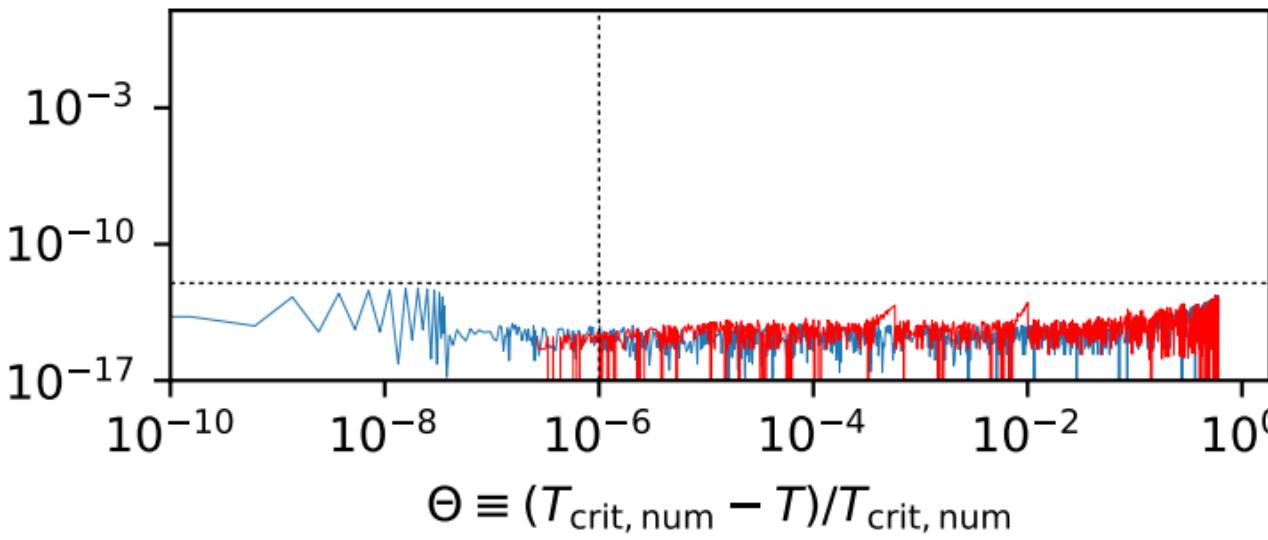
$r_p$



$r_\mu$



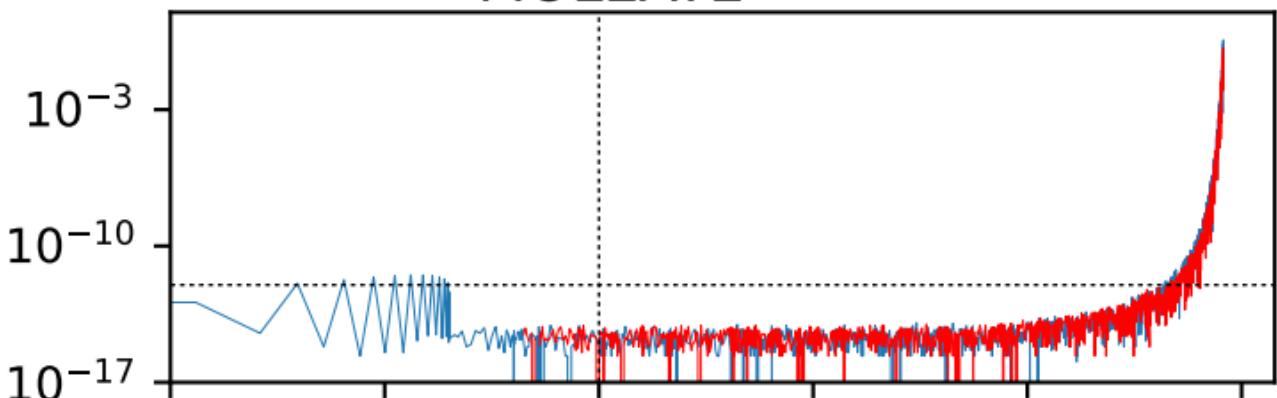
MM

 $r_p$  $r_\mu$ 

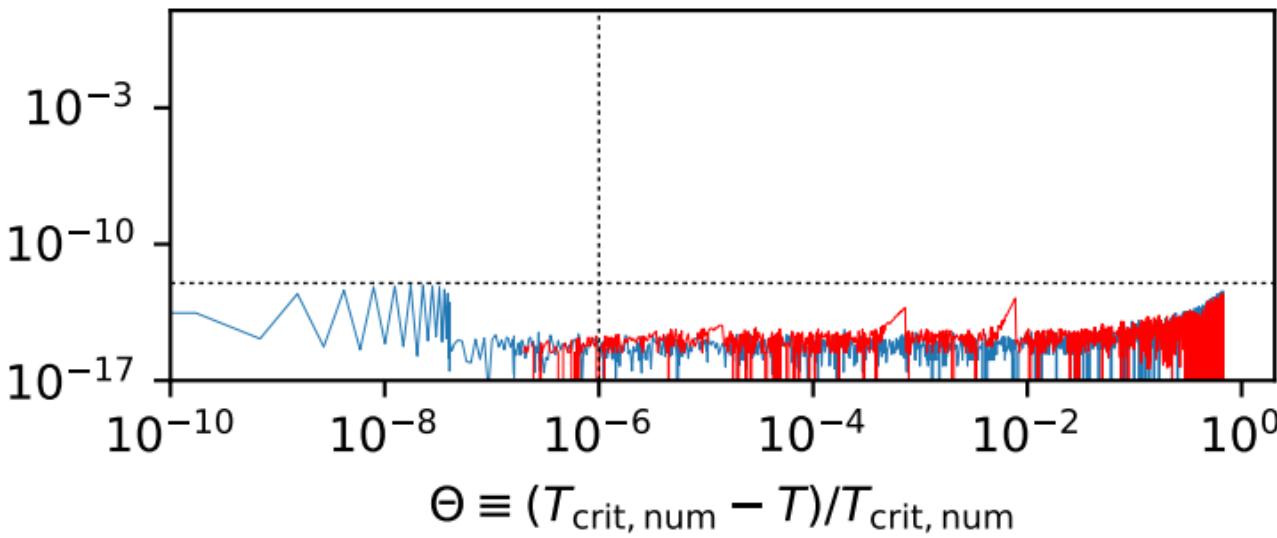
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MOLEATE

$r_p$

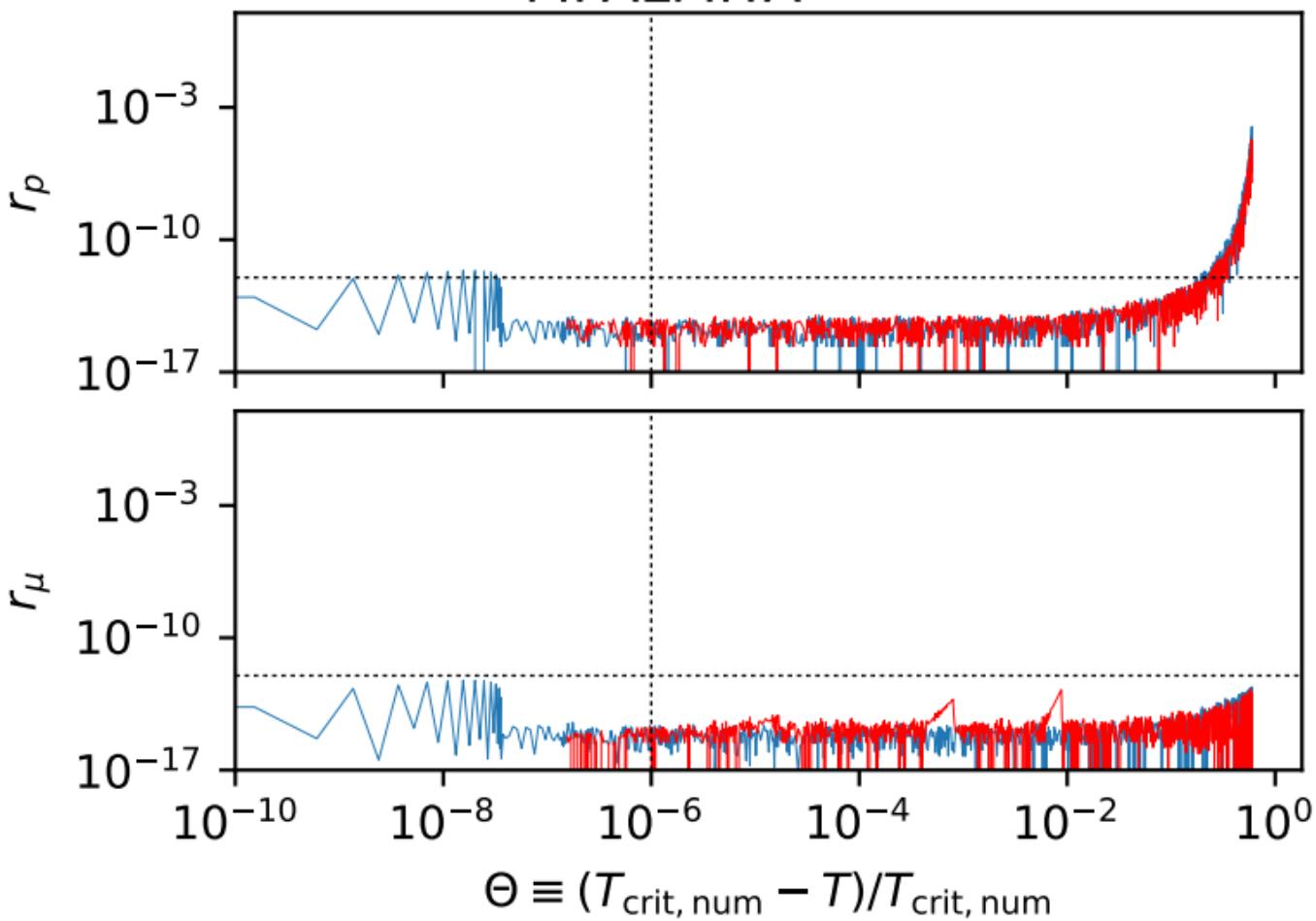


$r_\mu$



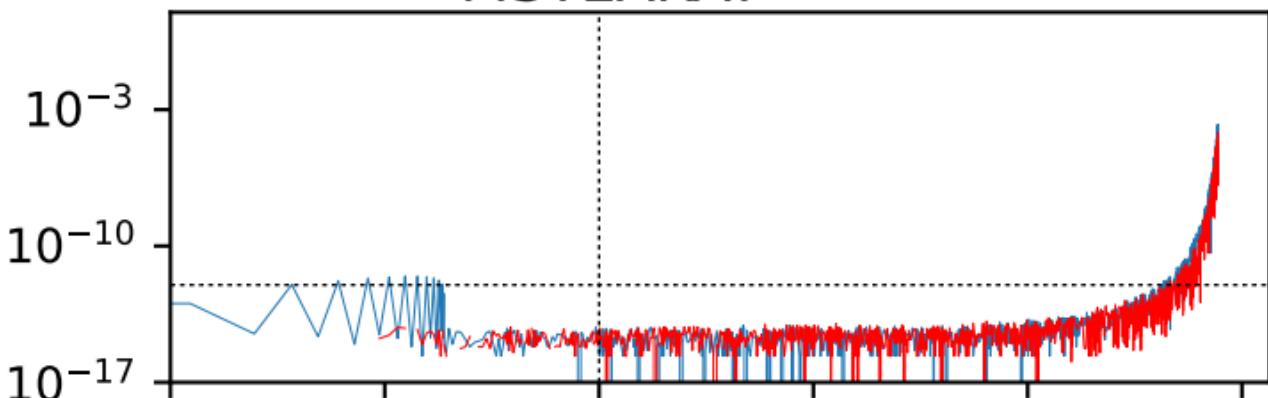
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MPALMITA

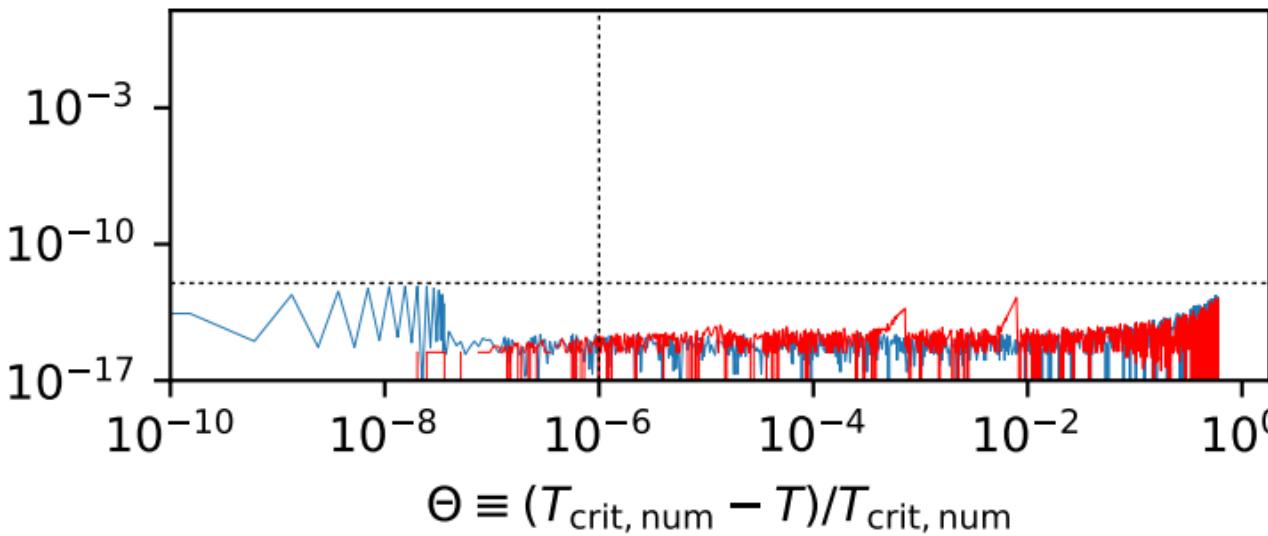


# MSTEARAT

$r_p$



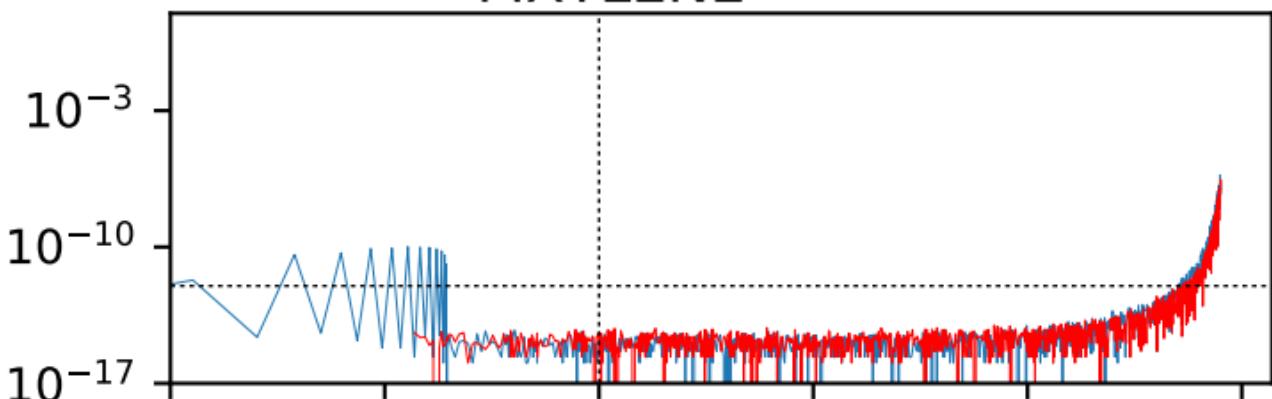
$r_\mu$



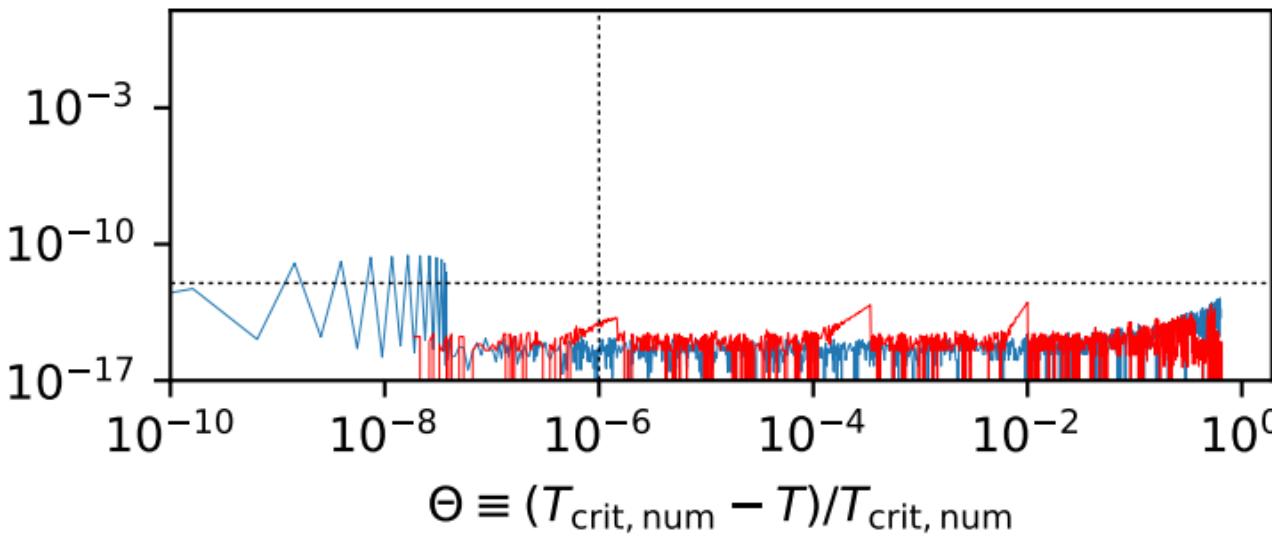
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# MXYLENE

$r_p$



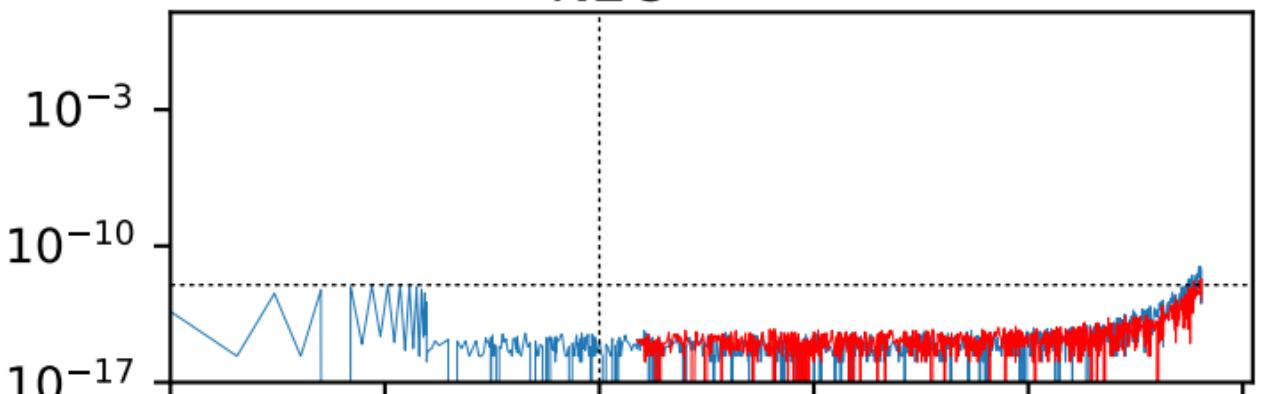
$r_\mu$



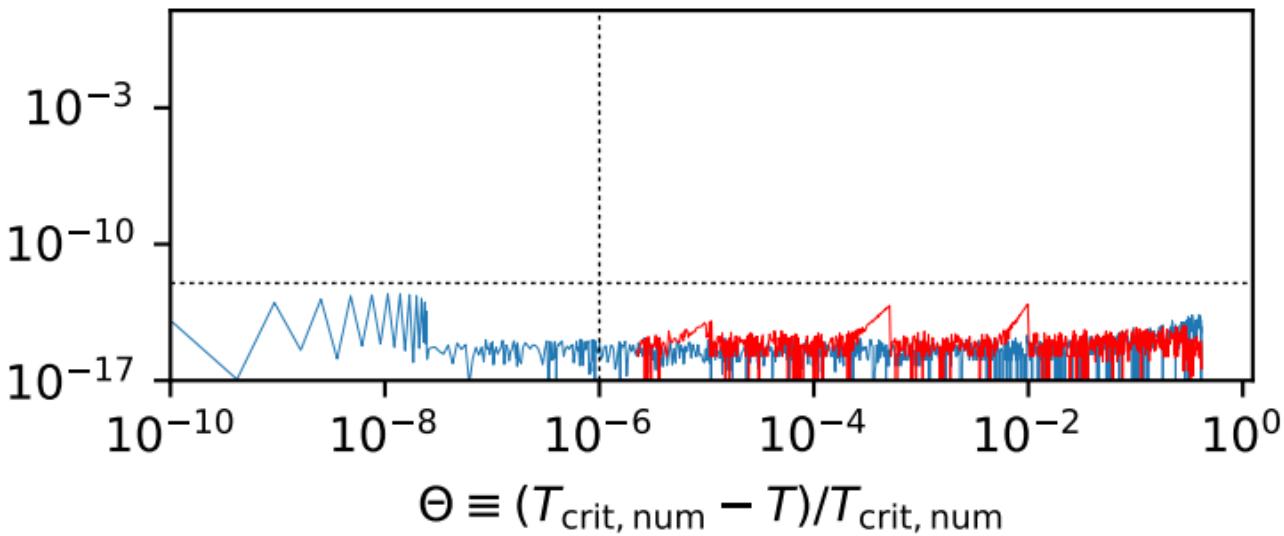
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

N2O

$r_p$



$r_\mu$

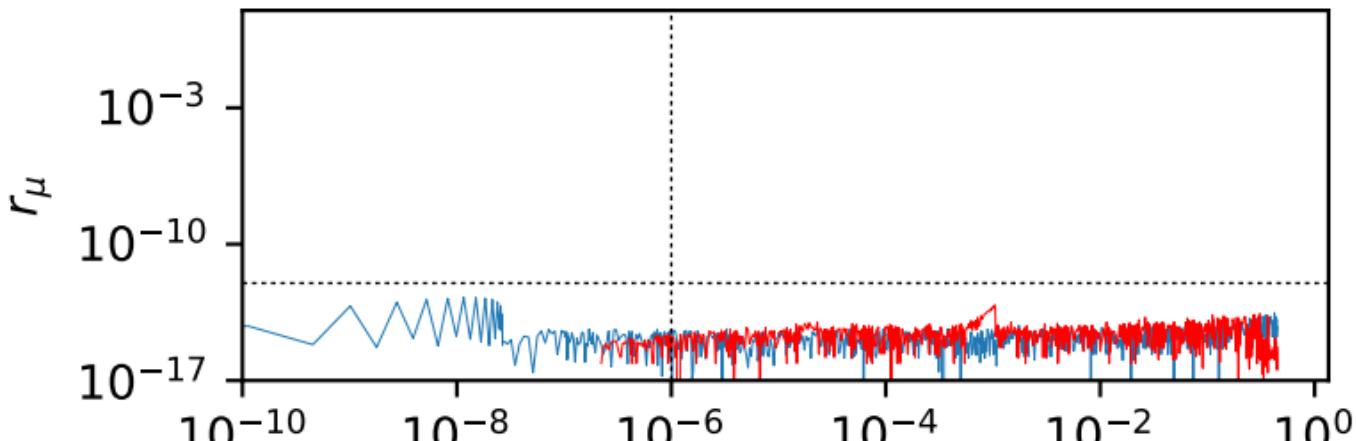
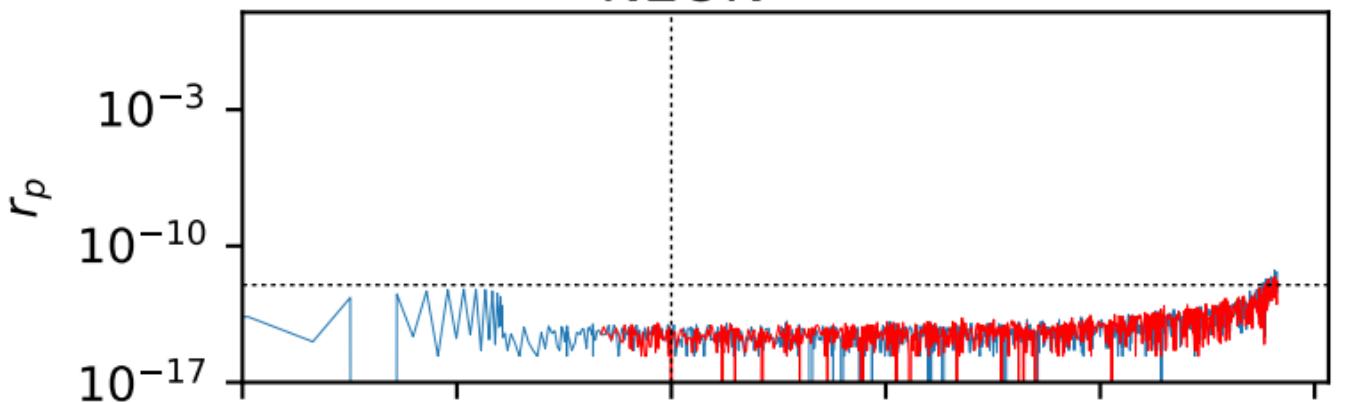


# NEON

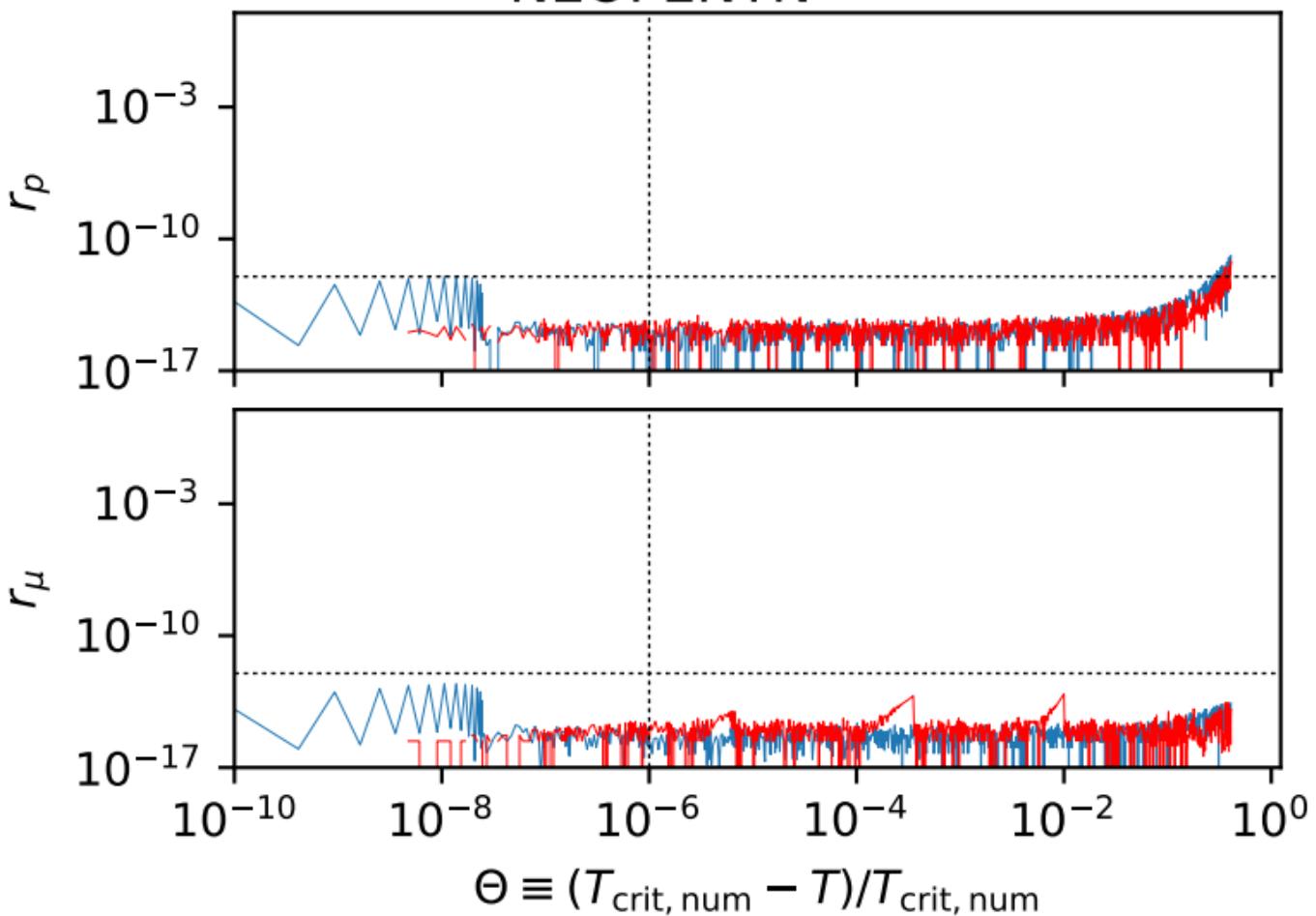
$r_p$

$r_\mu$

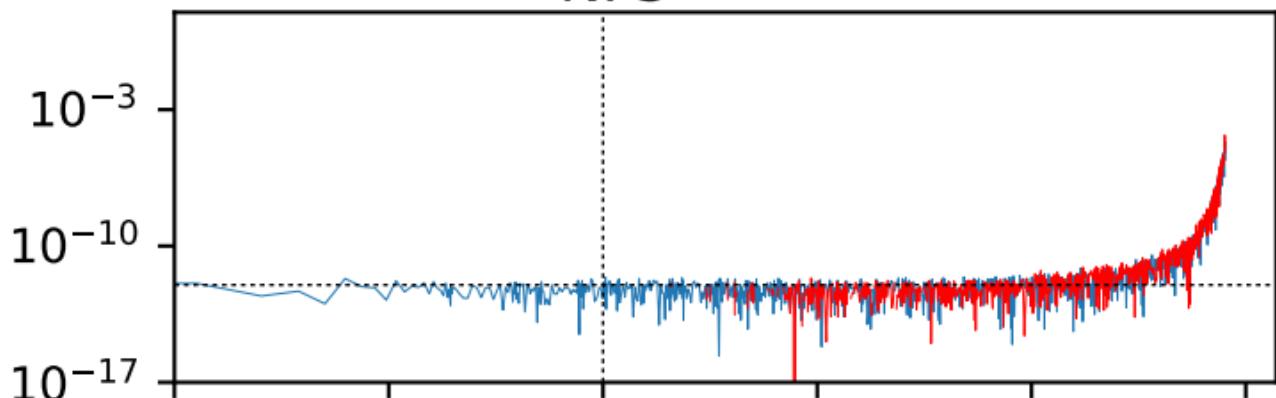
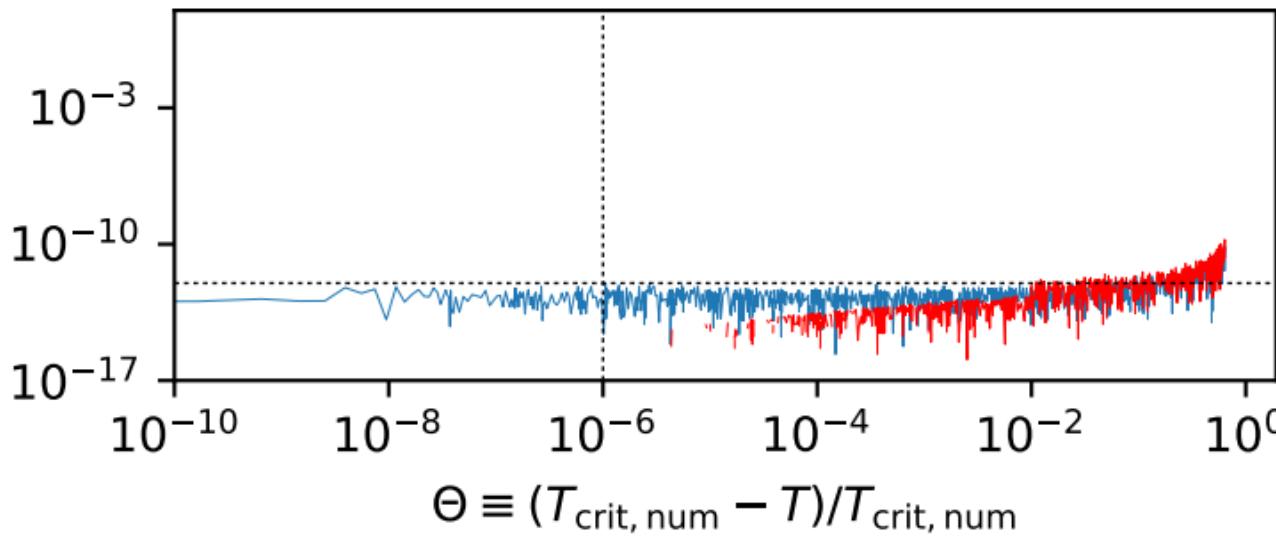
$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$



# NEOPENTN



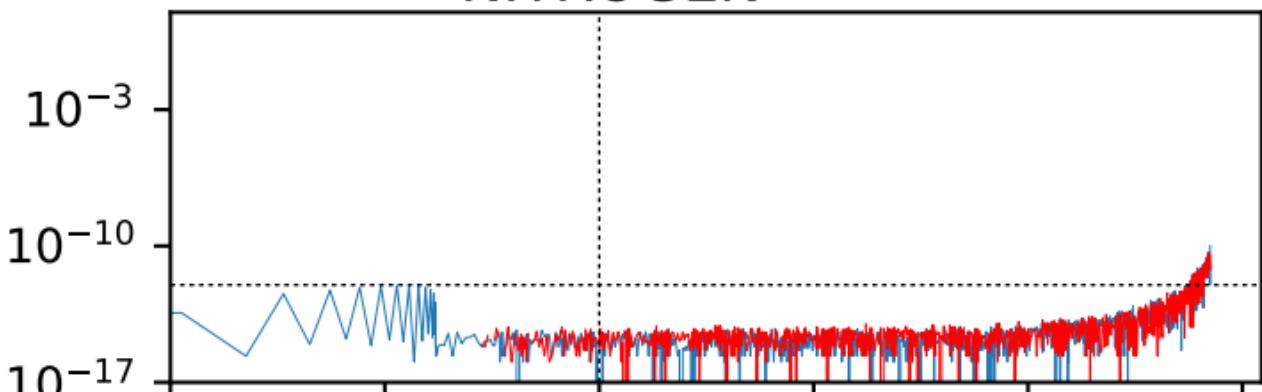
NF3

 $r_p$  $r_\mu$ 

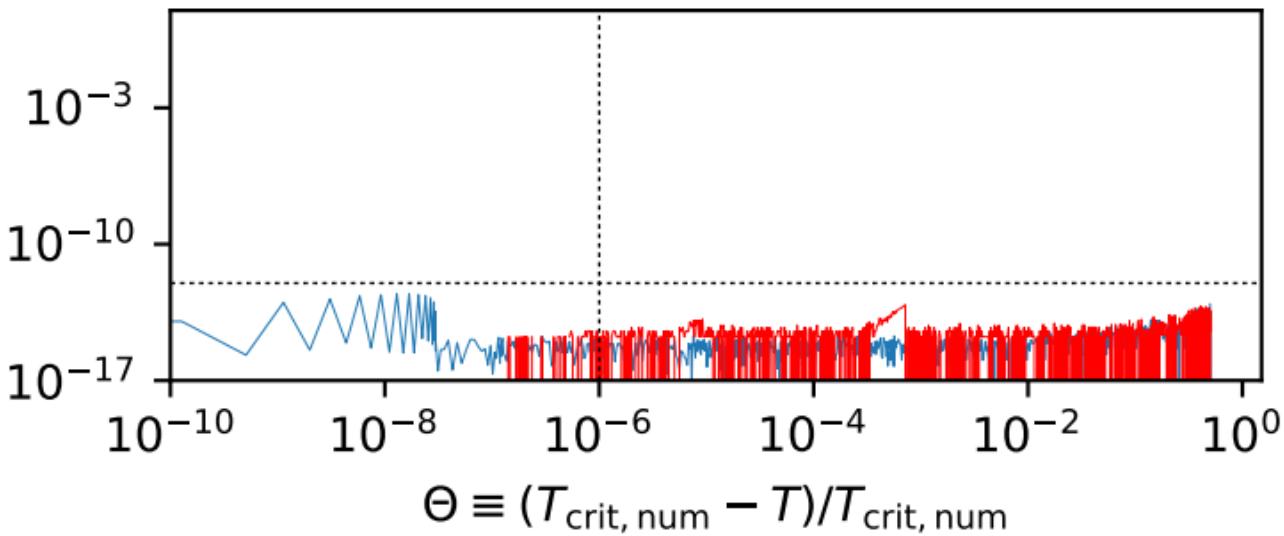
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# NITROGEN

$r_p$

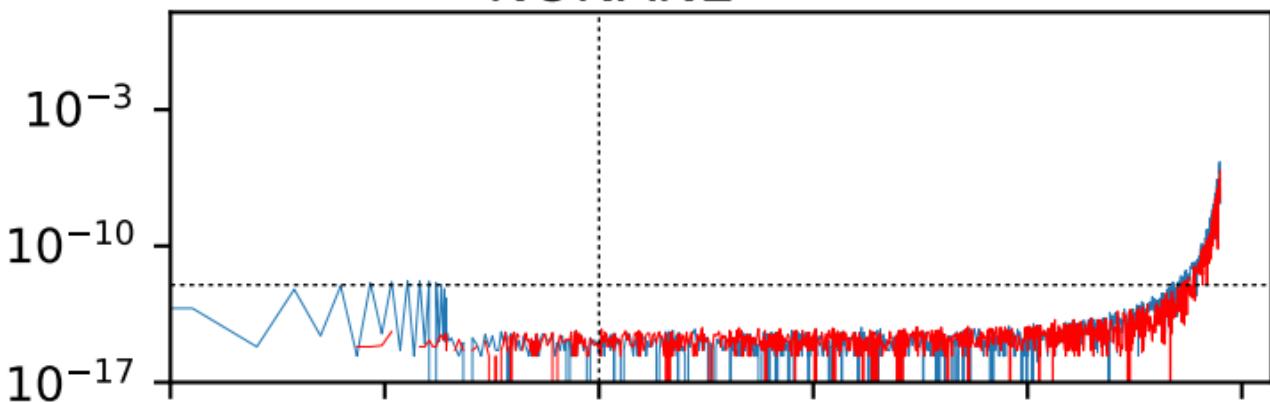


$r_\mu$

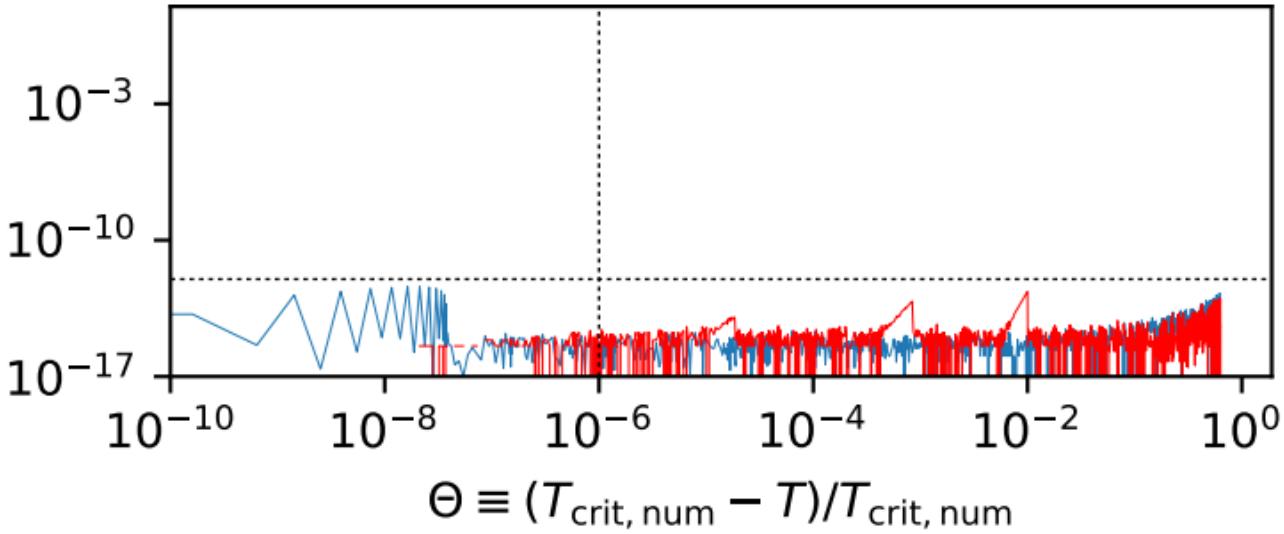


# NONANE

$r_p$

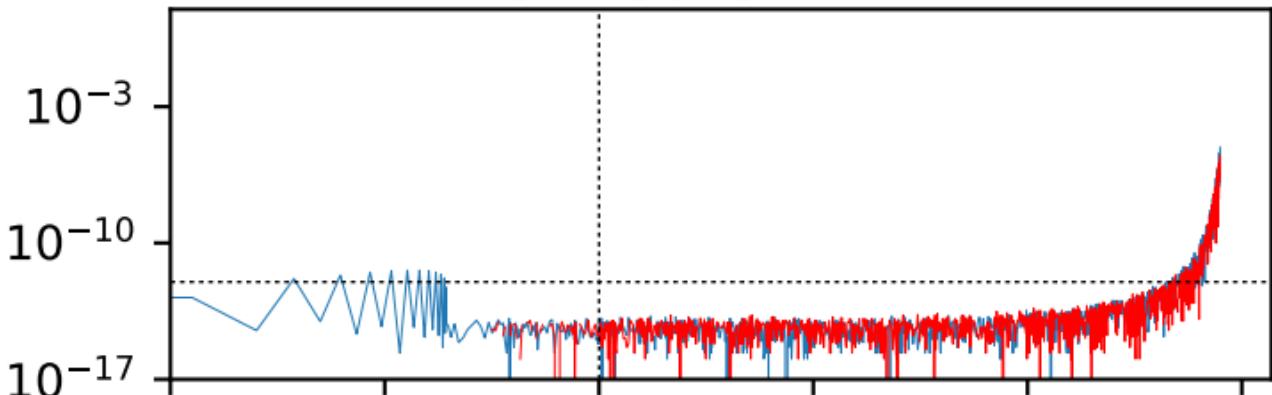


$r_\mu$

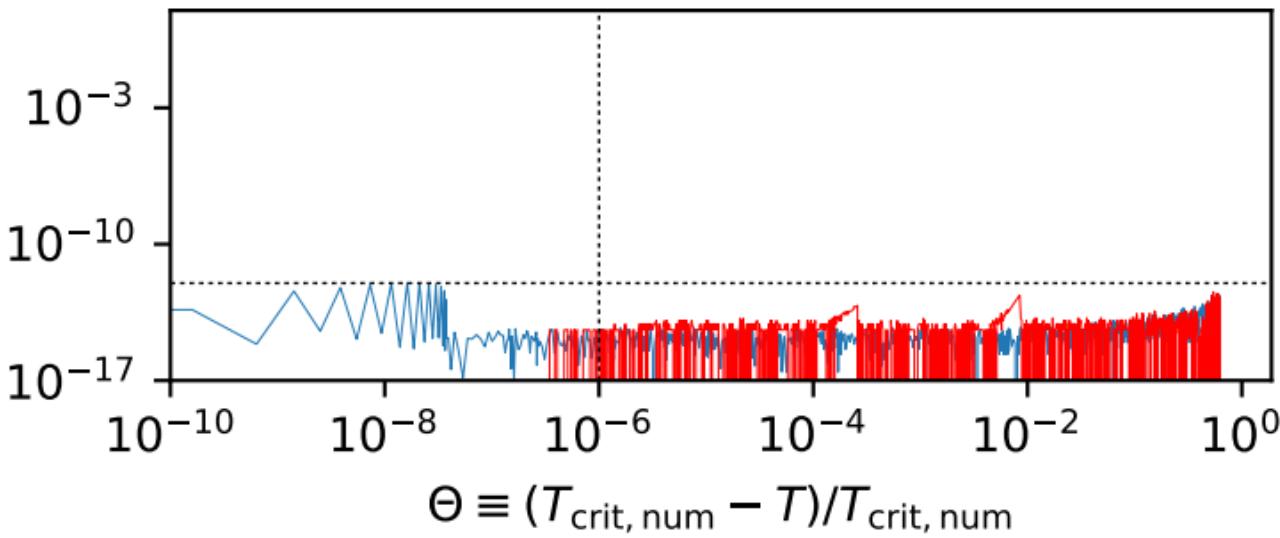


# NOVEC649

$r_p$



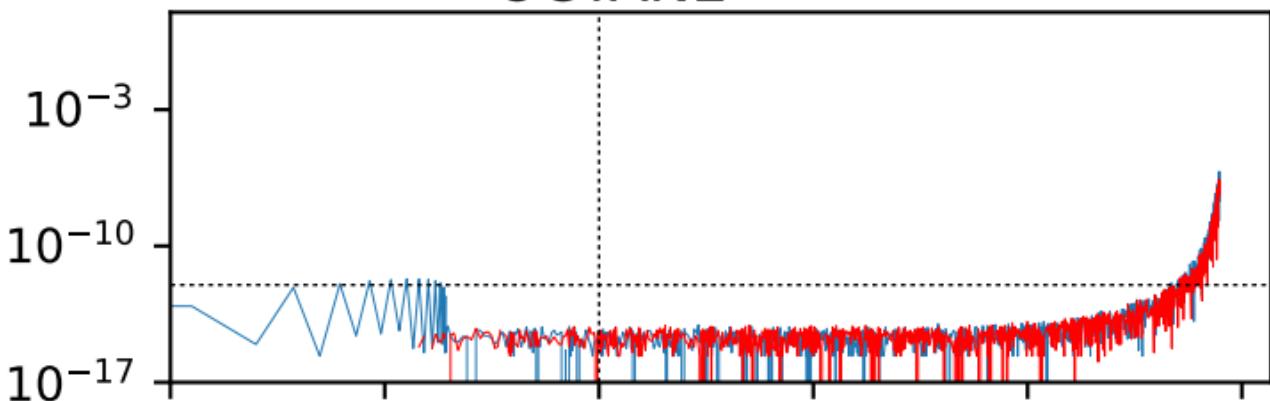
$r_\mu$



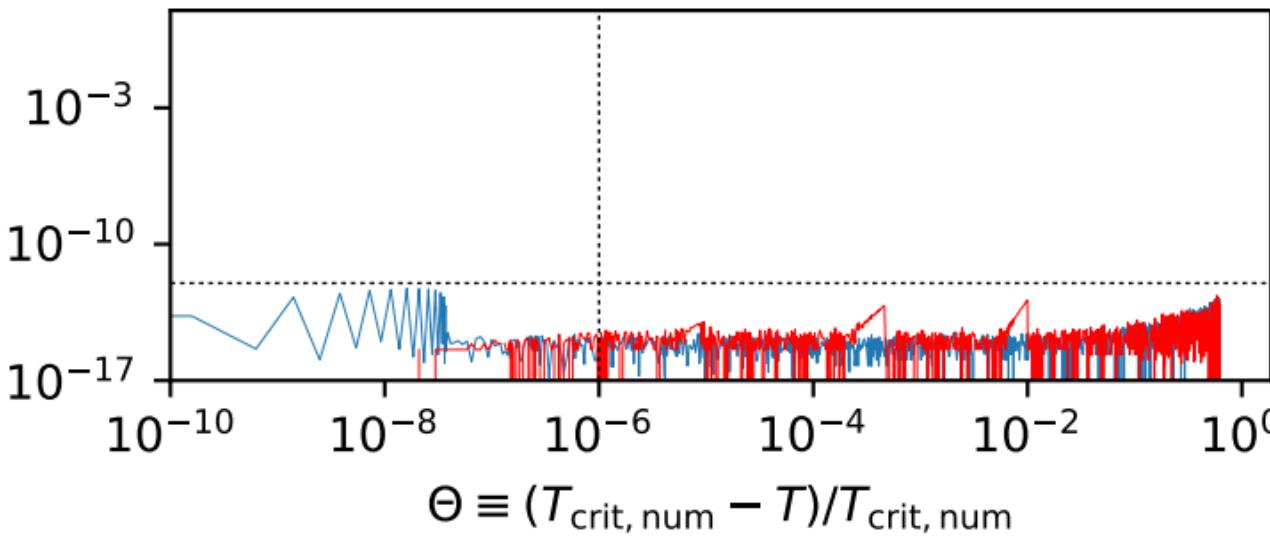
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# OCTANE

$r_p$



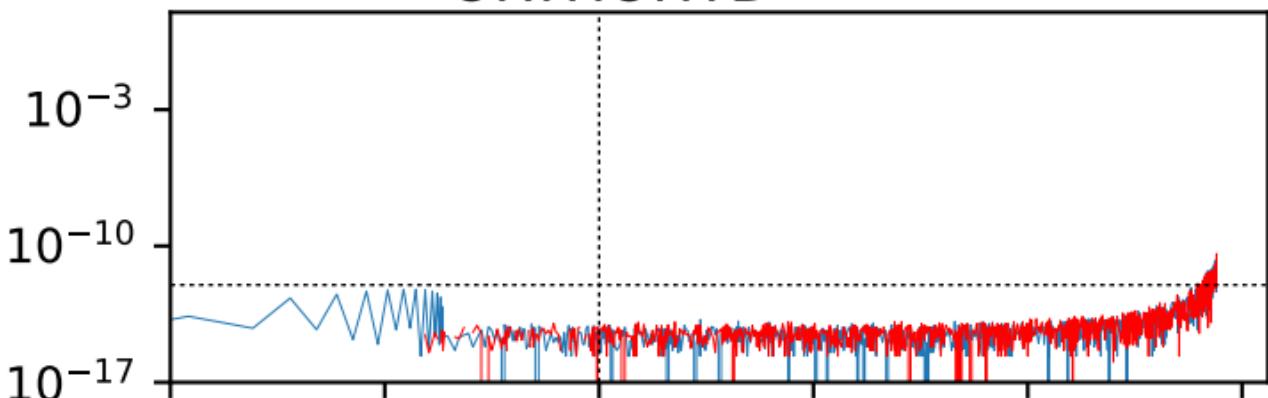
$r_\mu$



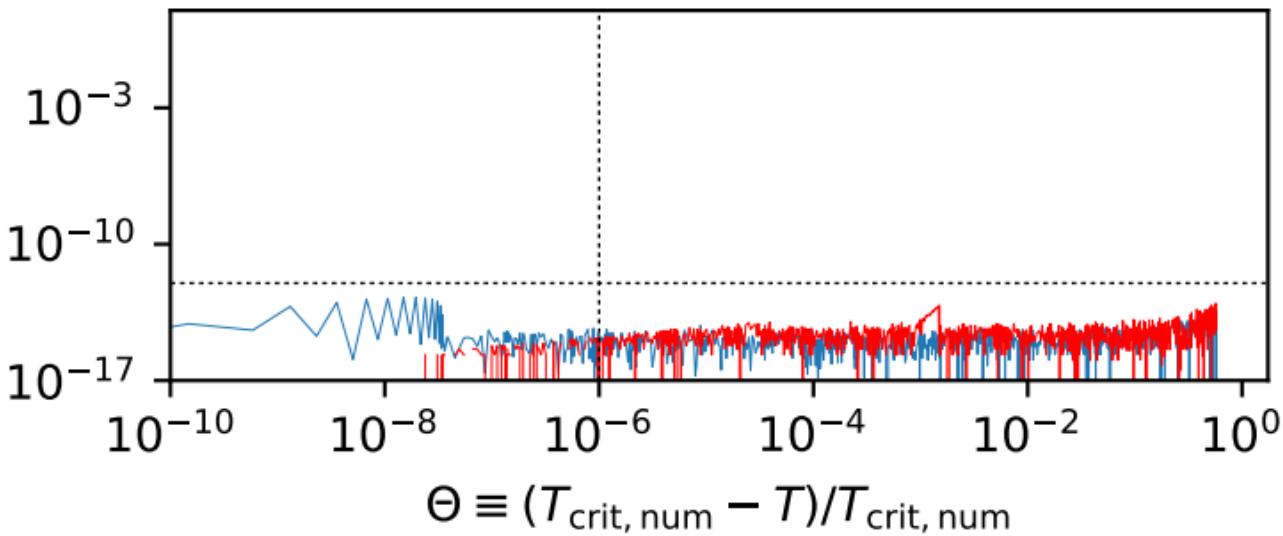
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# ORTHOHYD

$r_p$

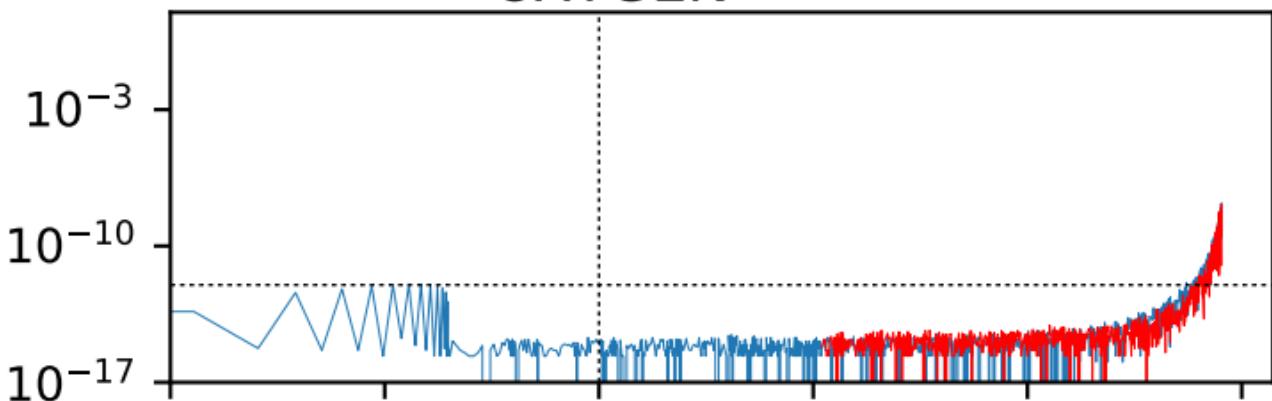


$r_\mu$

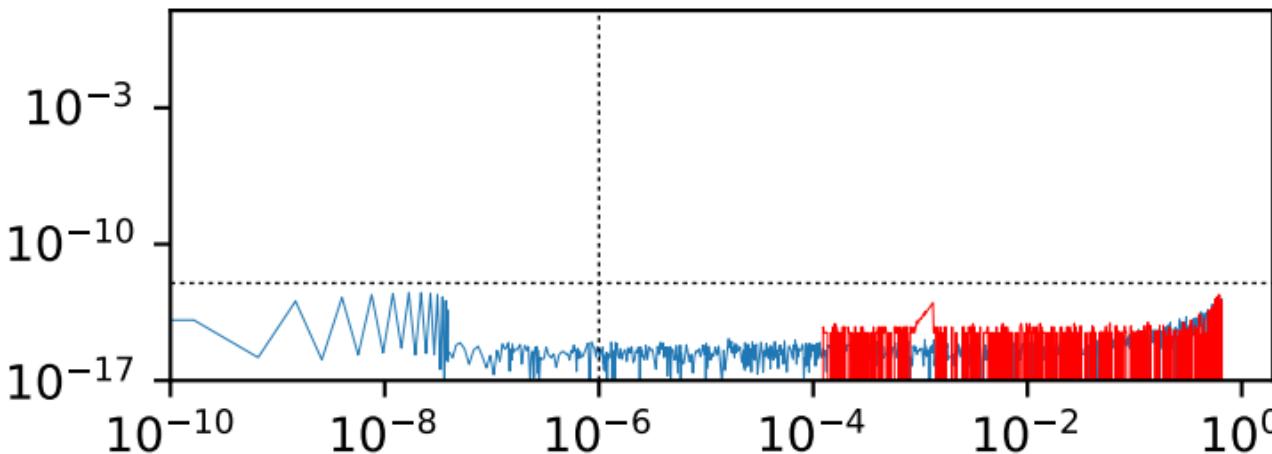


# OXYGEN

$r_p$



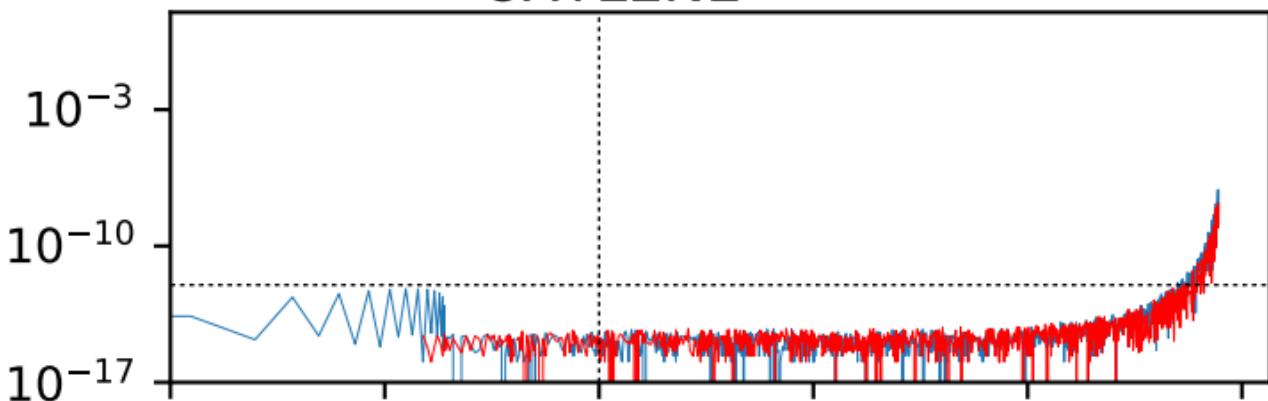
$r_\mu$



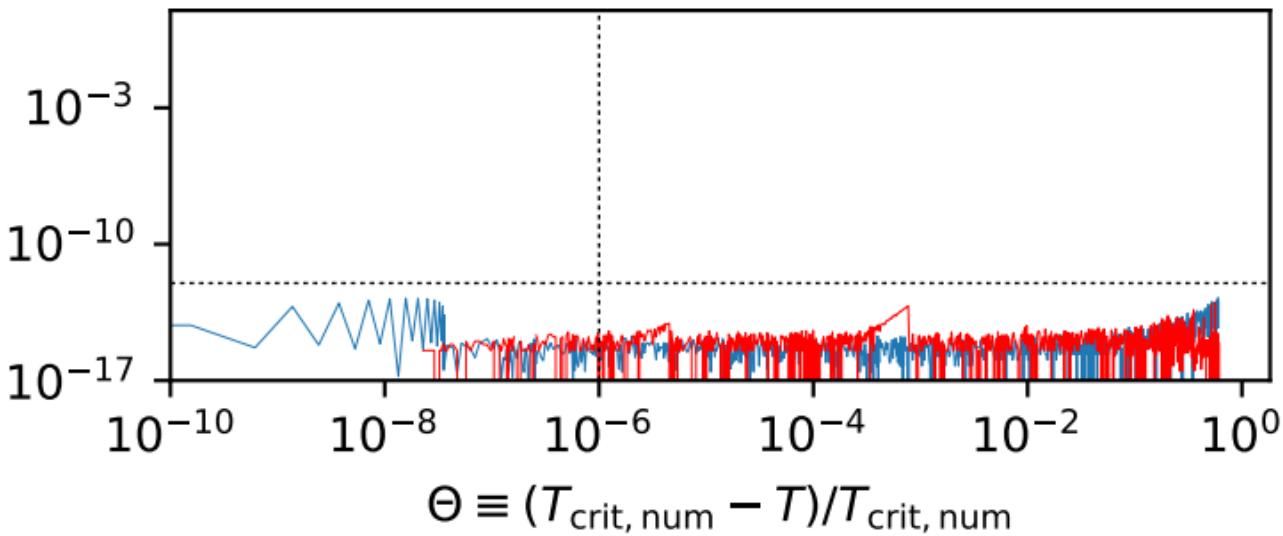
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# OXYLENE

$r_p$

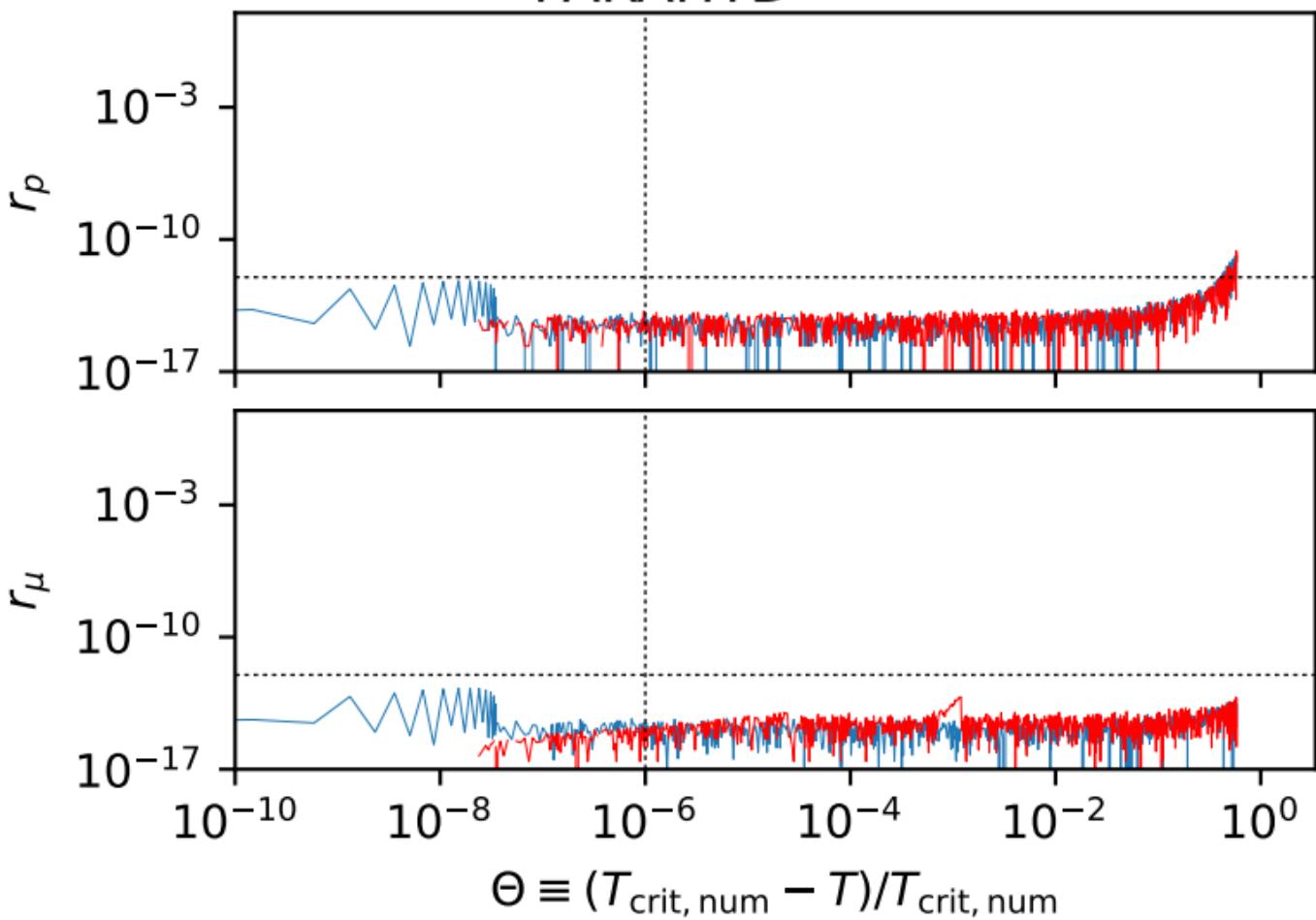


$r_\mu$



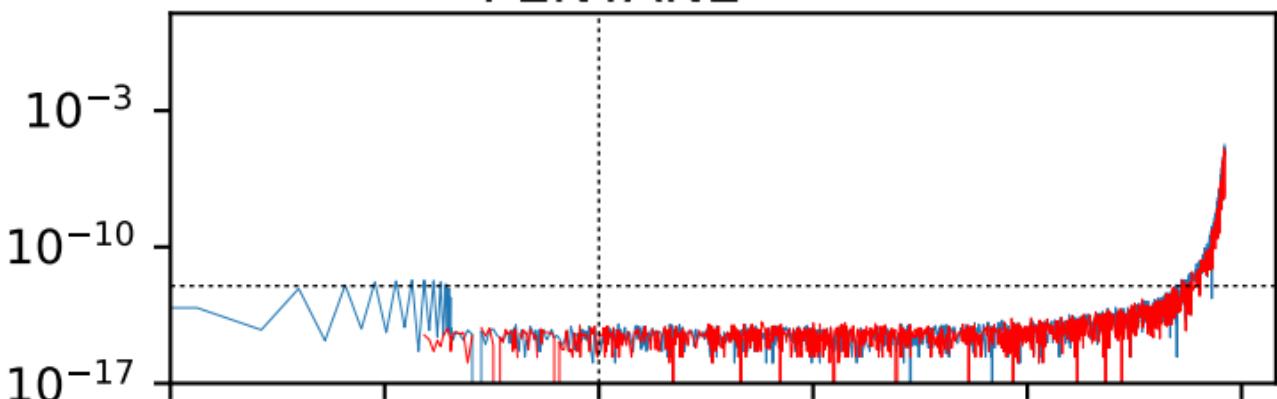
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# PARAHYD

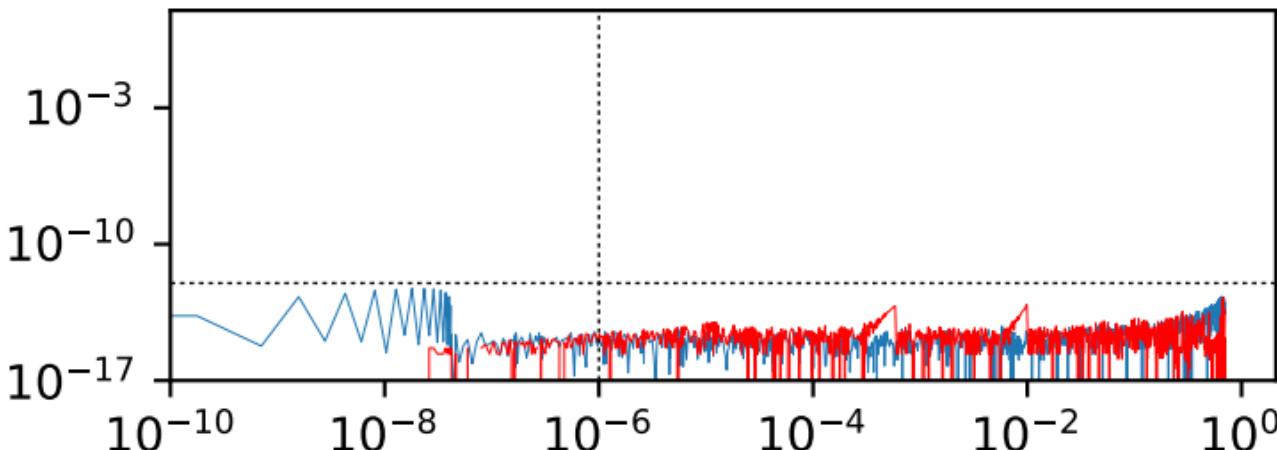


# PENTANE

$r_p$



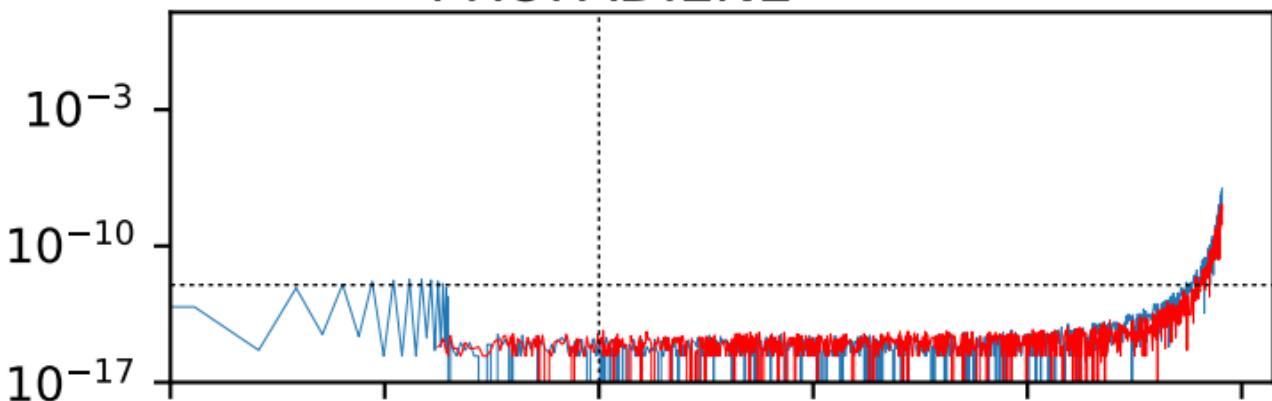
$r_\mu$



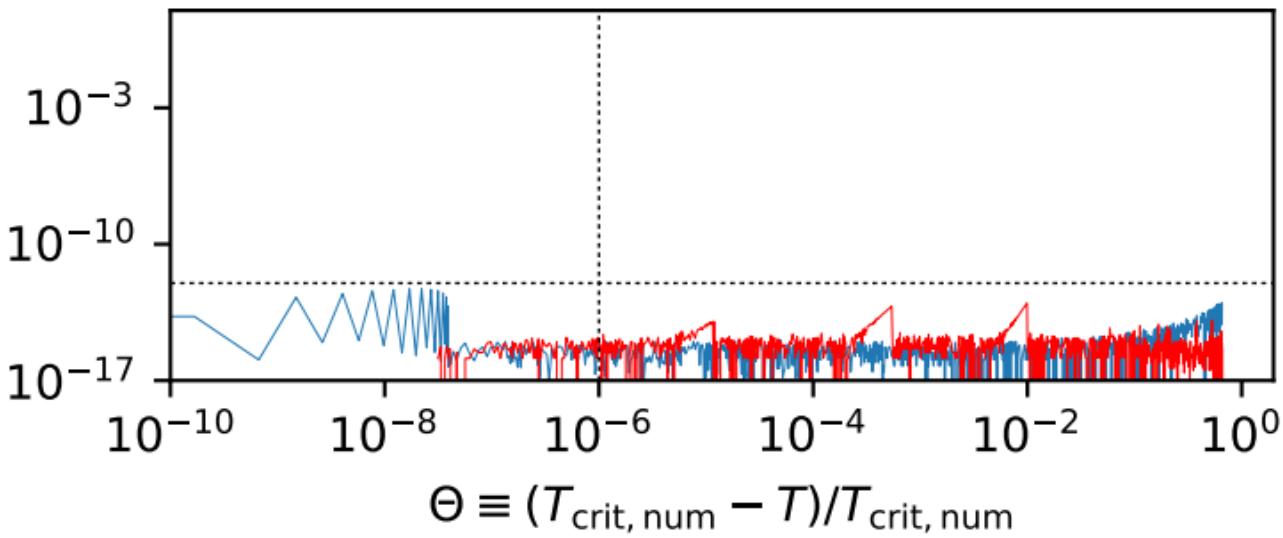
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# PROPADIENE

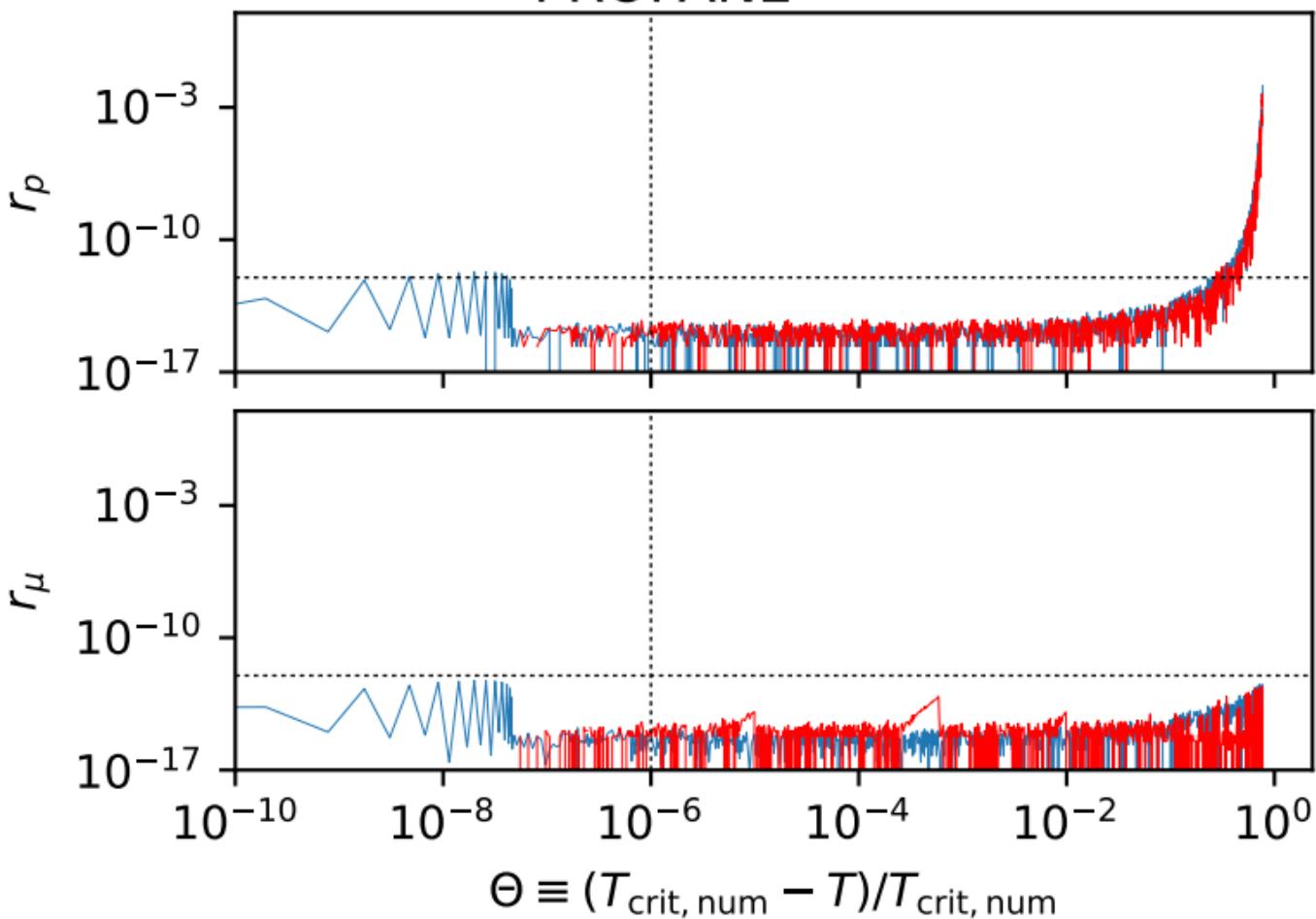
$r_p$



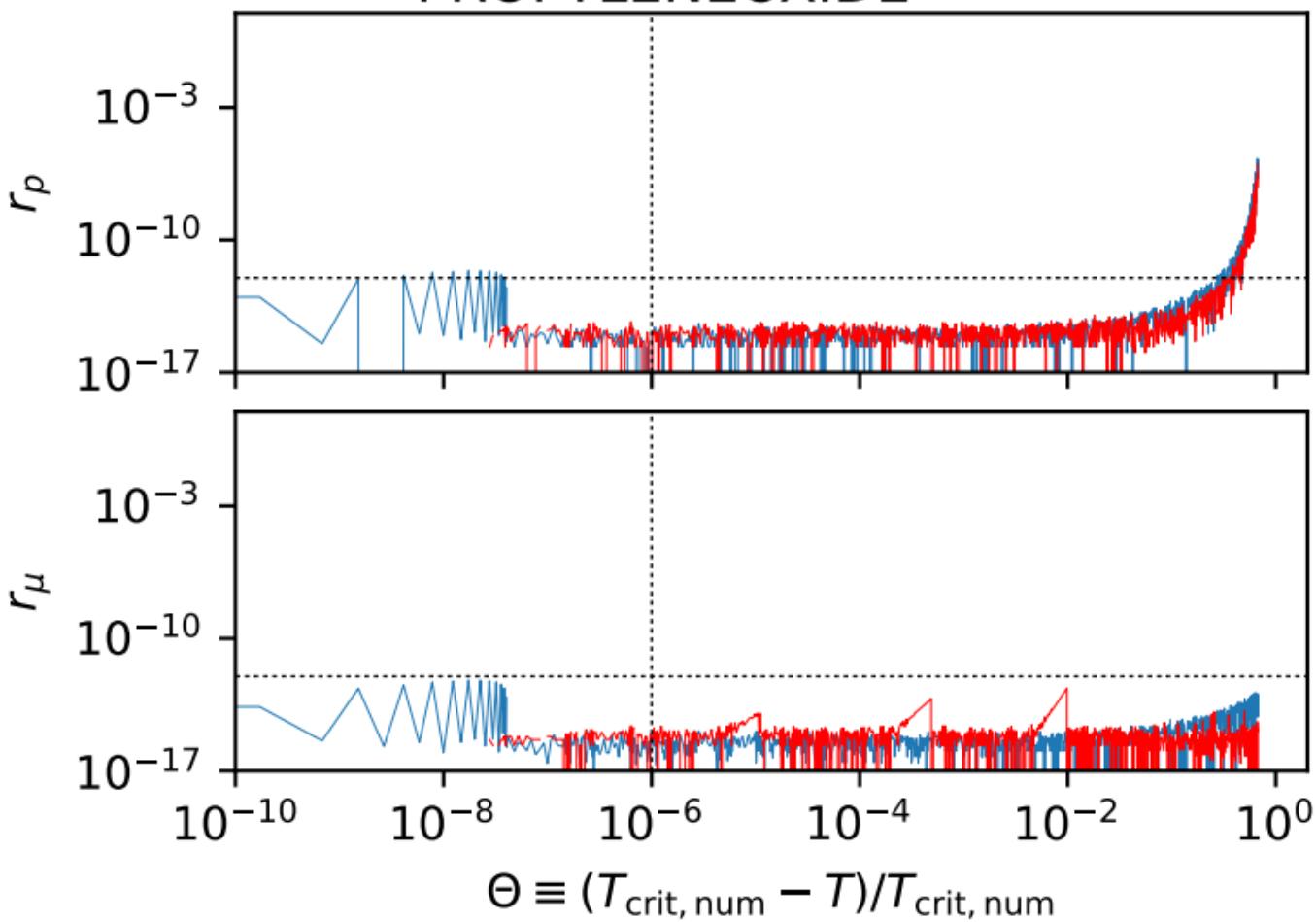
$r_\mu$



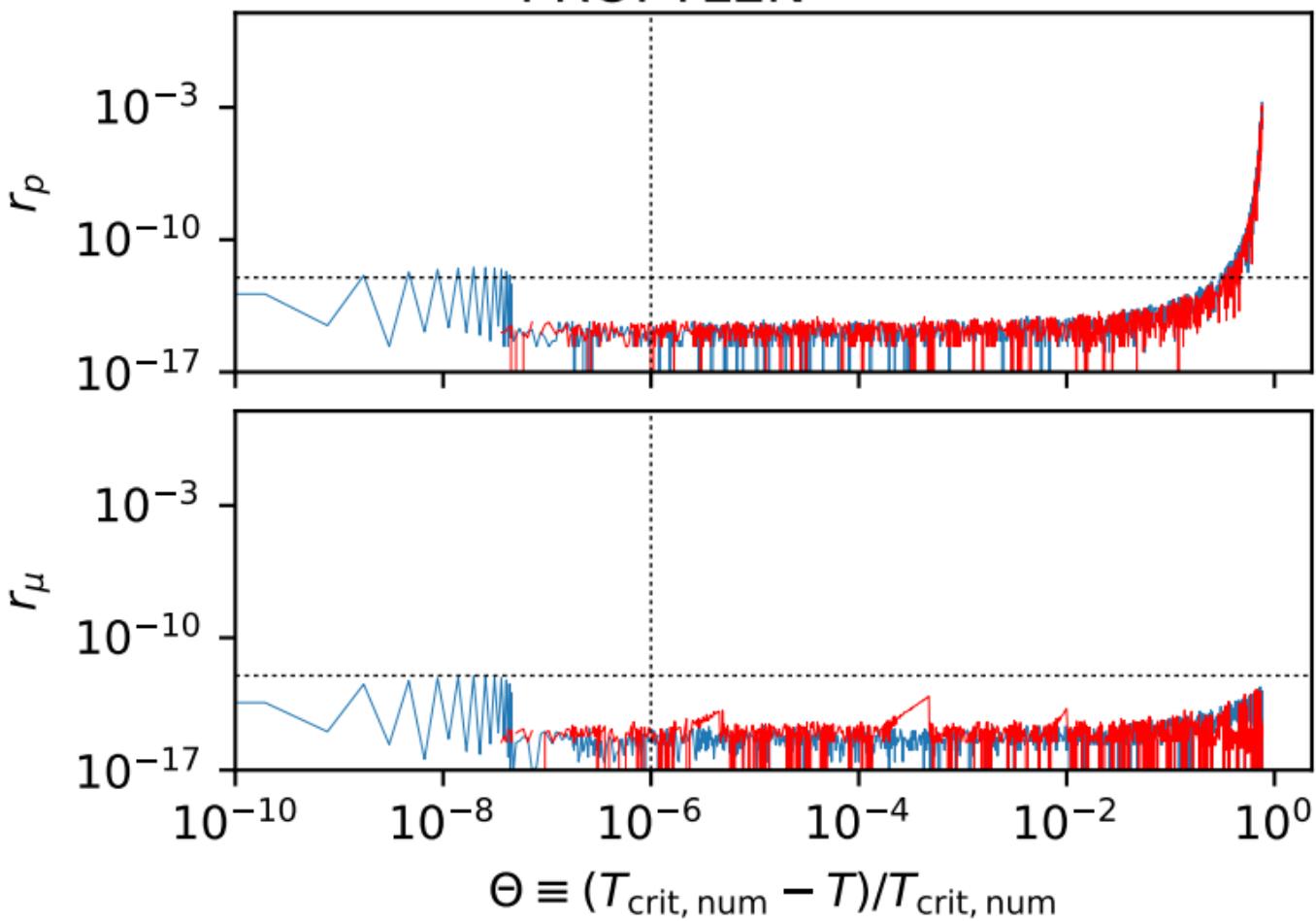
# PROPANE



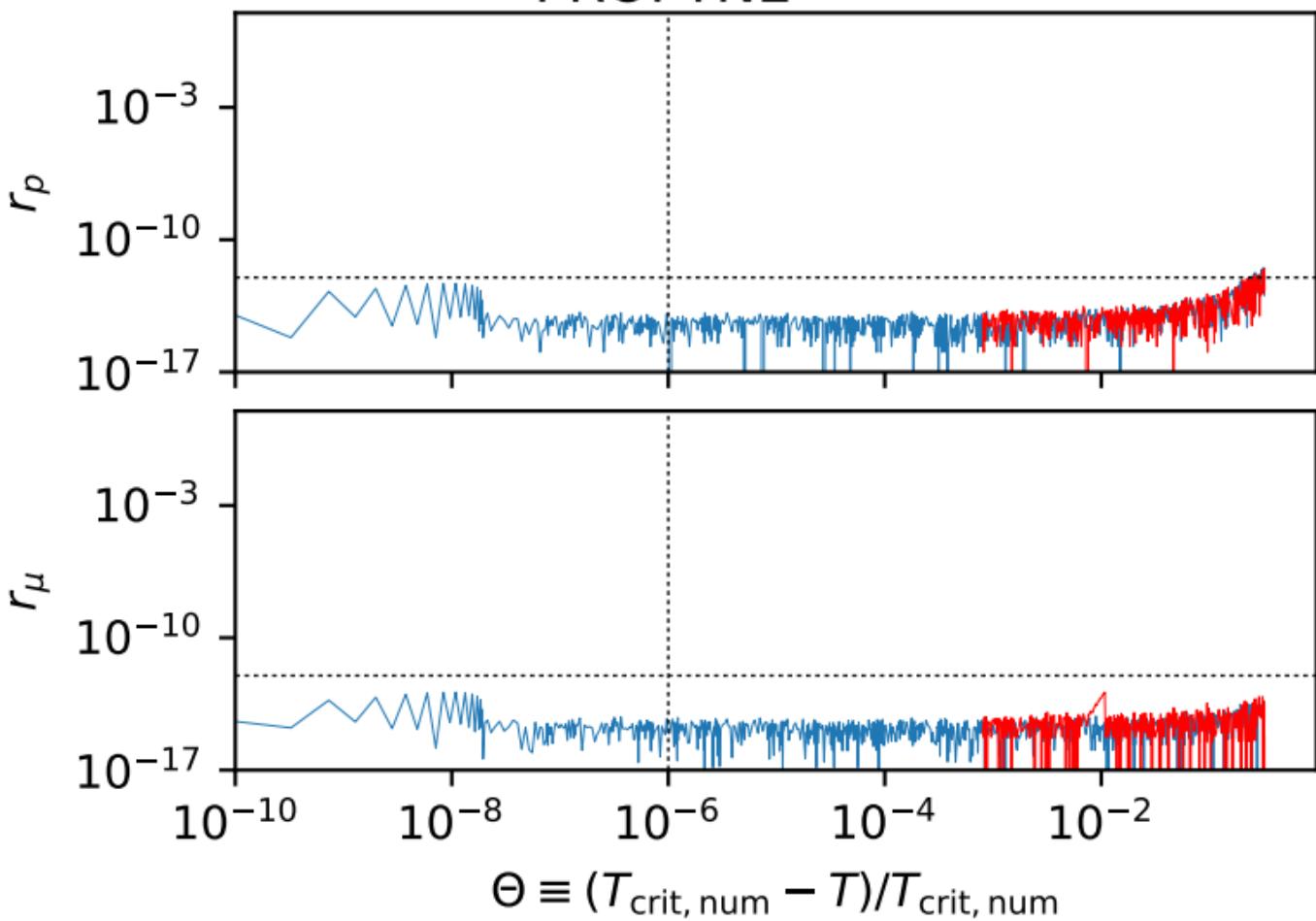
# PROPYLENEOXIDE



# PROPYLEN

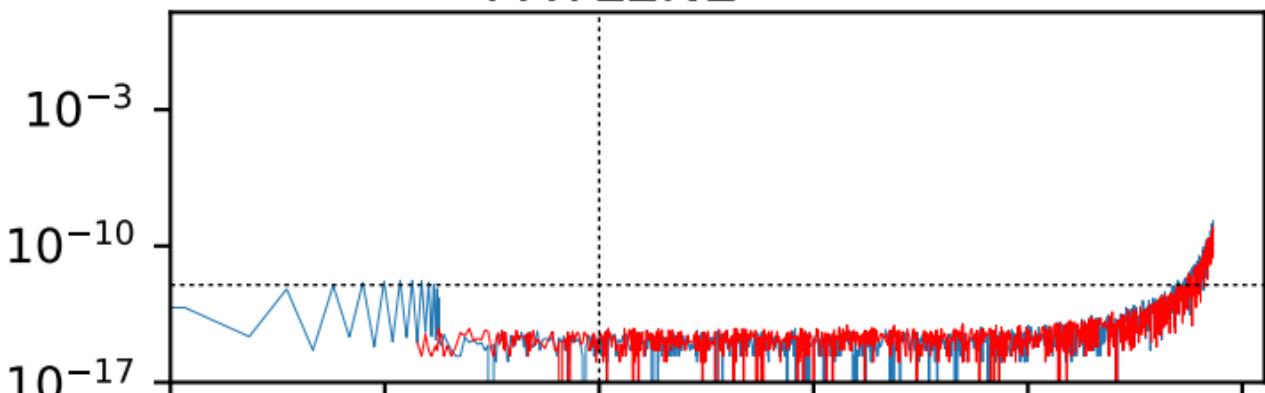


# PROPYNE

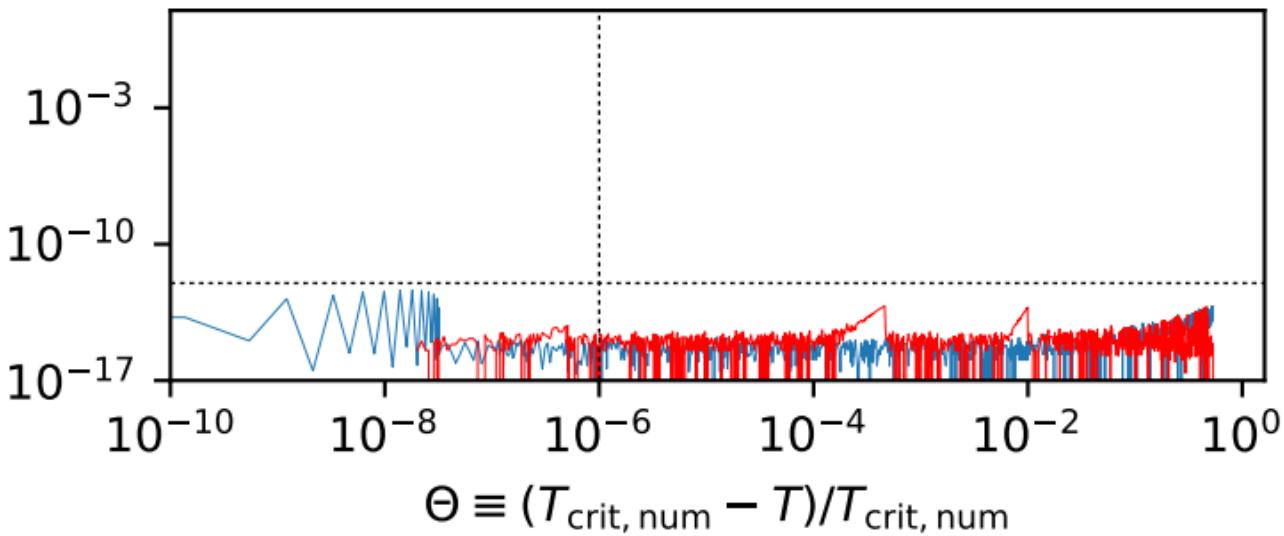


# PXYLENE

$r_p$

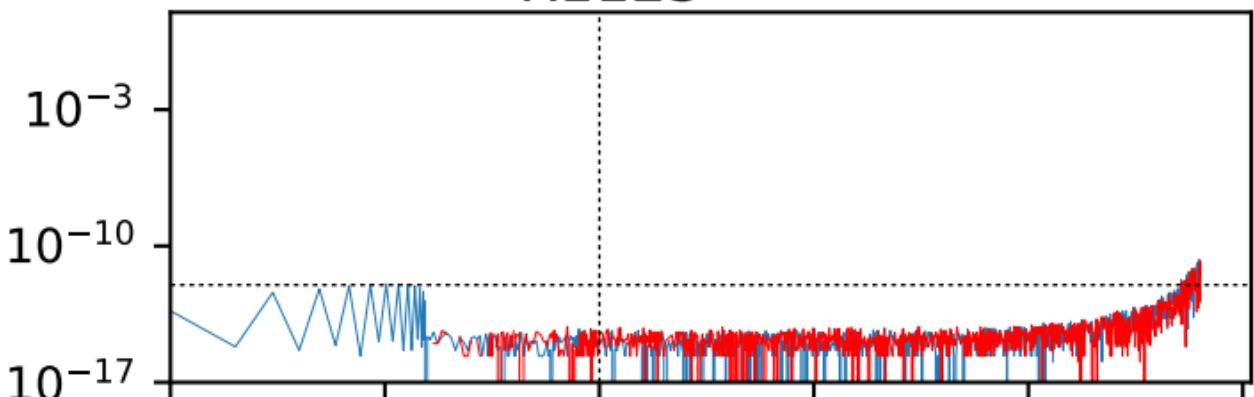


$r_\mu$

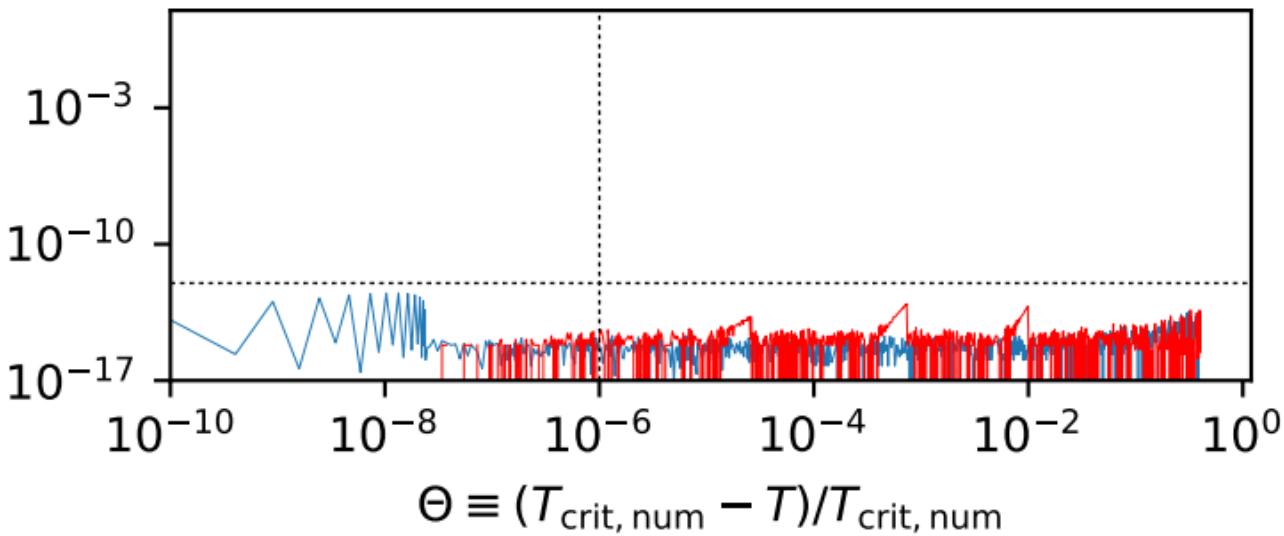


R1123

$r_p$

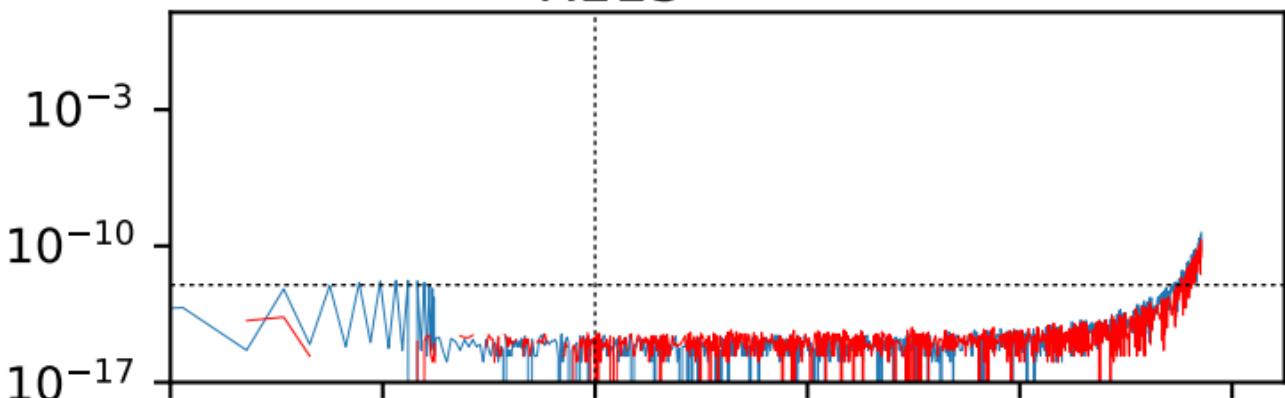


$r_\mu$

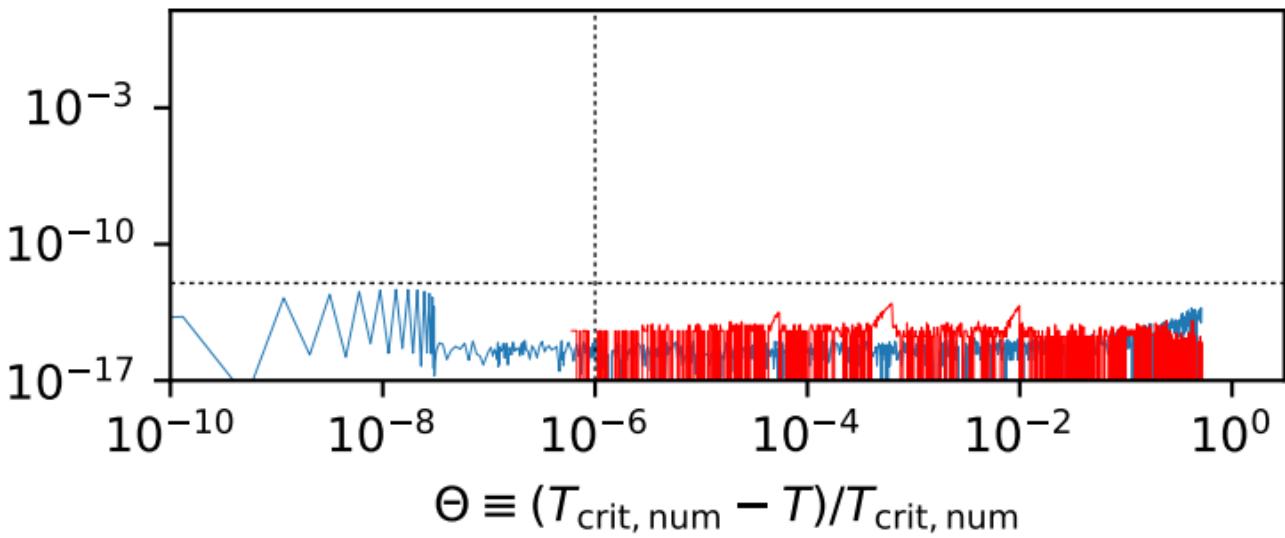


R113

$r_p$

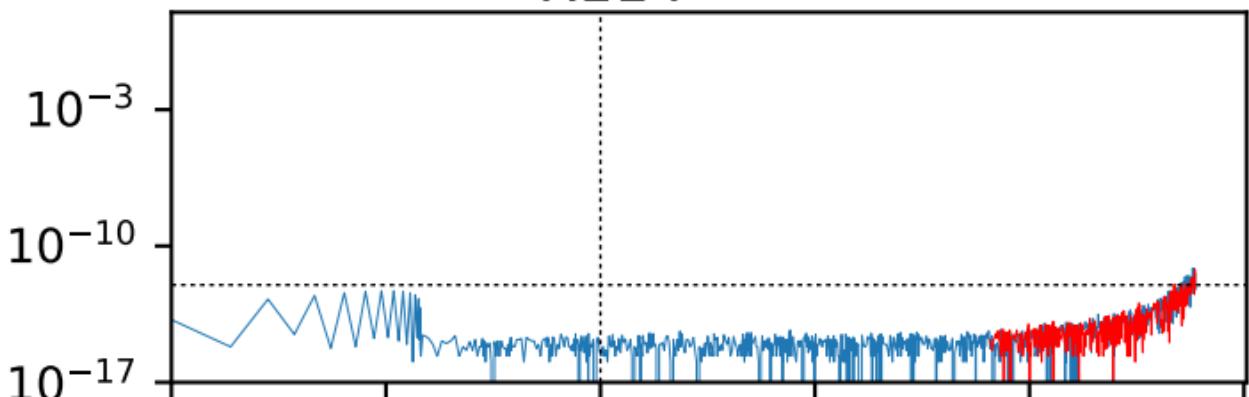


$r_\mu$

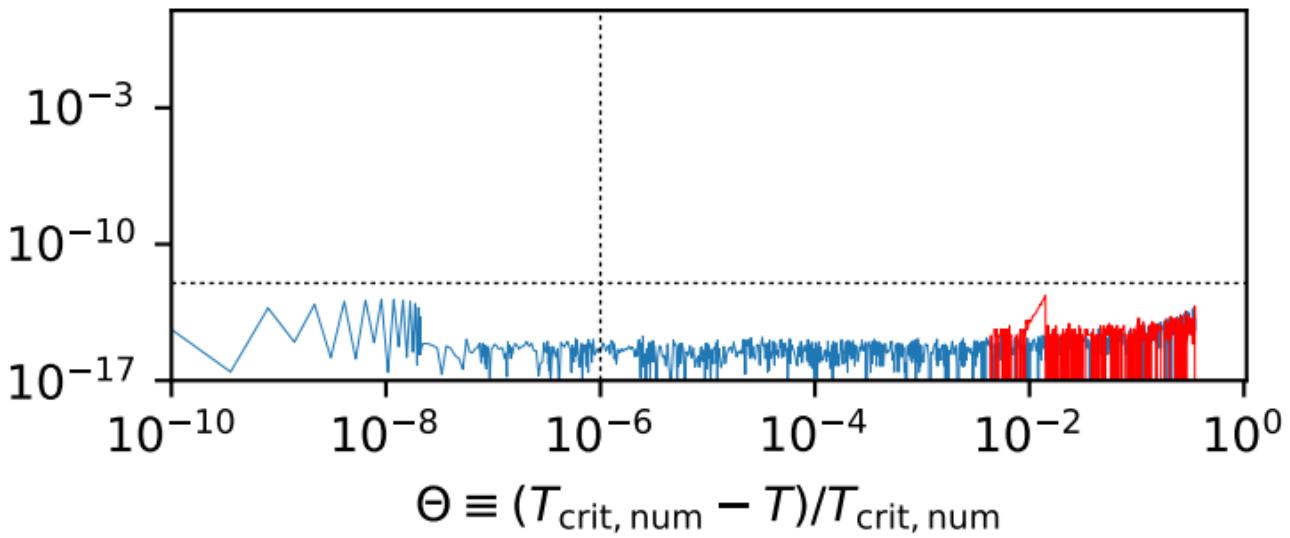


R114

$r_p$



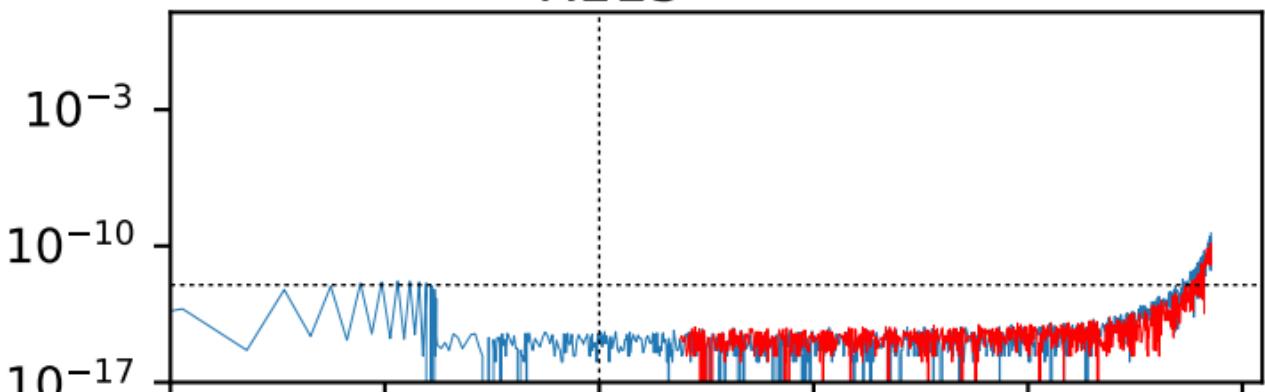
$r_\mu$



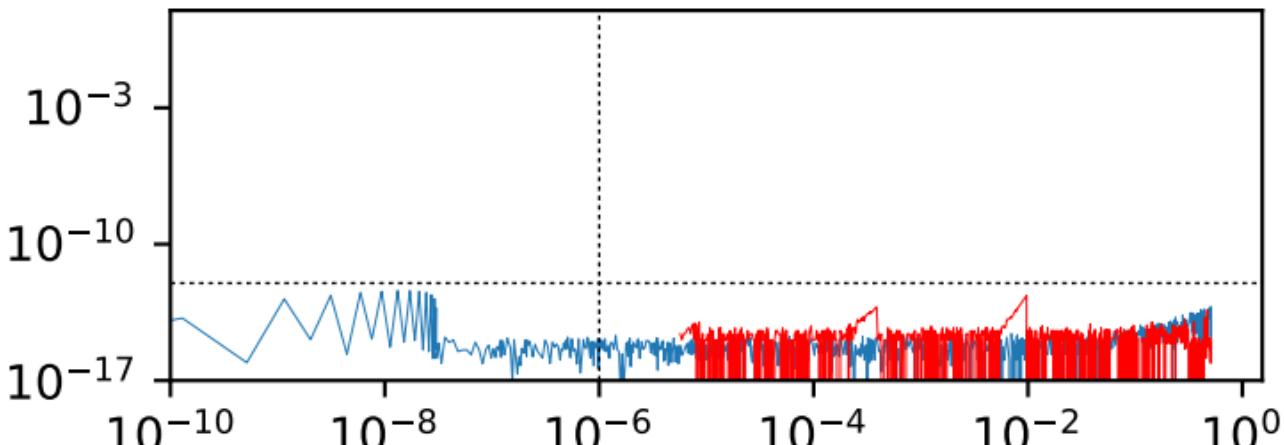
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

R115

$r_p$



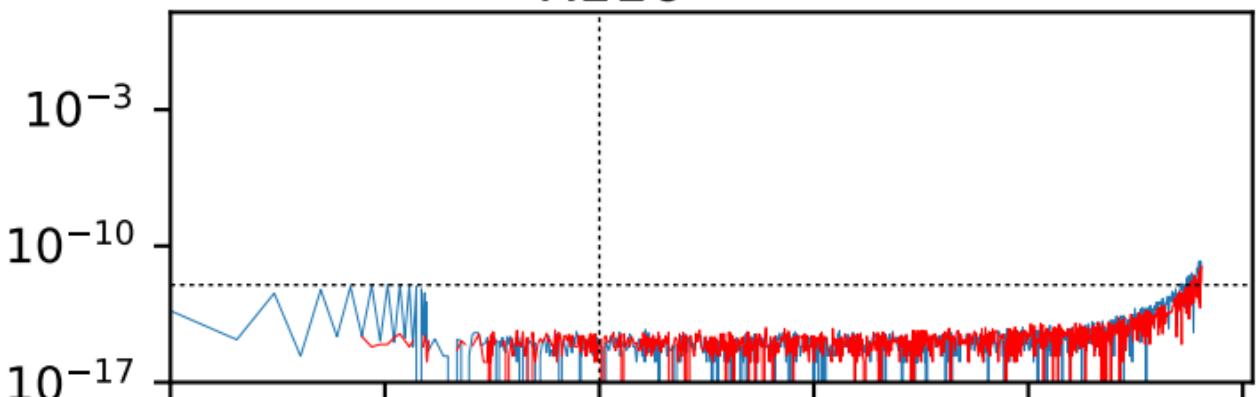
$r_\mu$



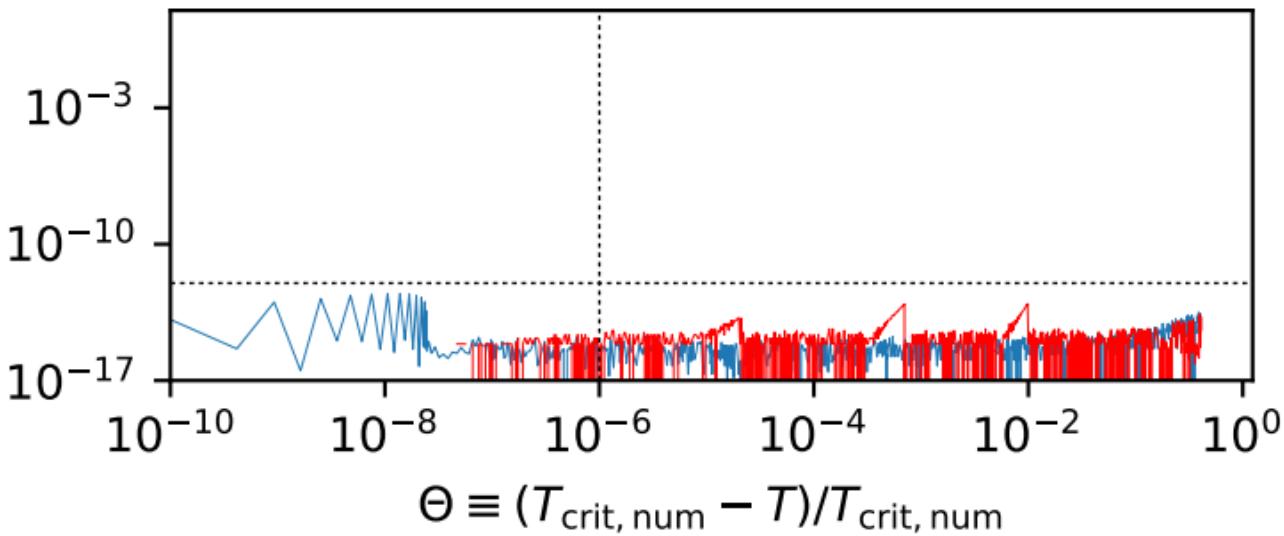
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

R116

$r_p$

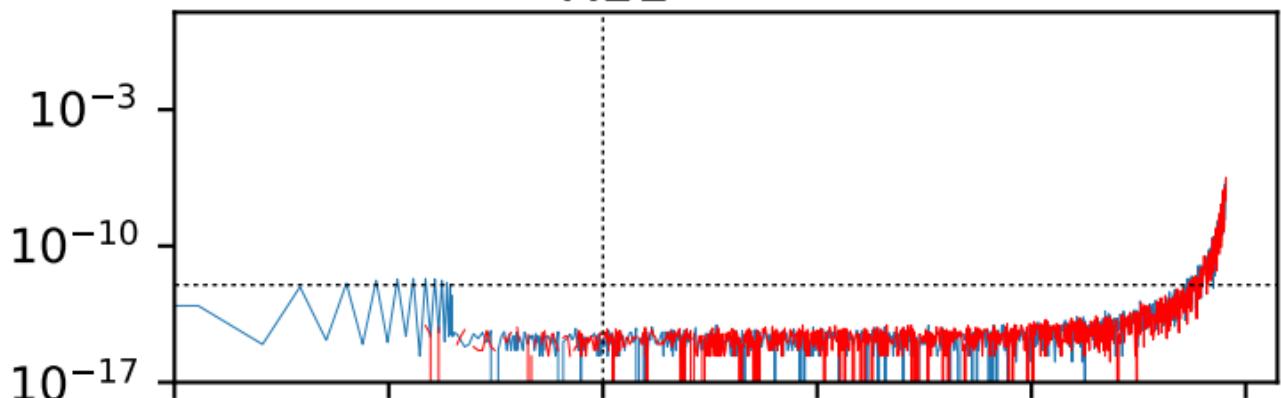


$r_\mu$

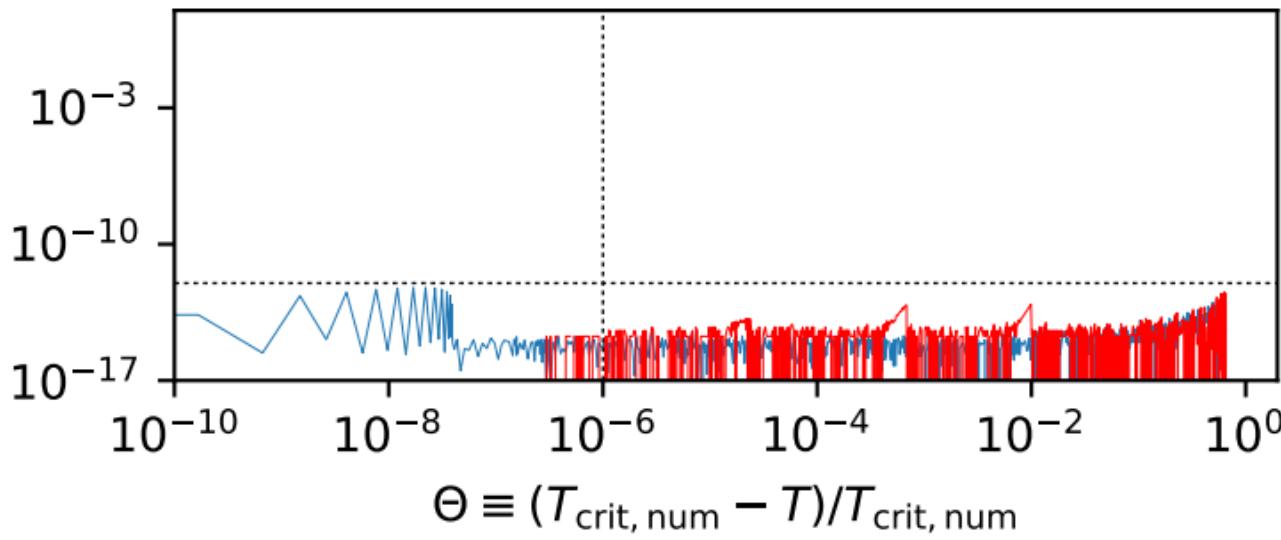


R11

$r_p$



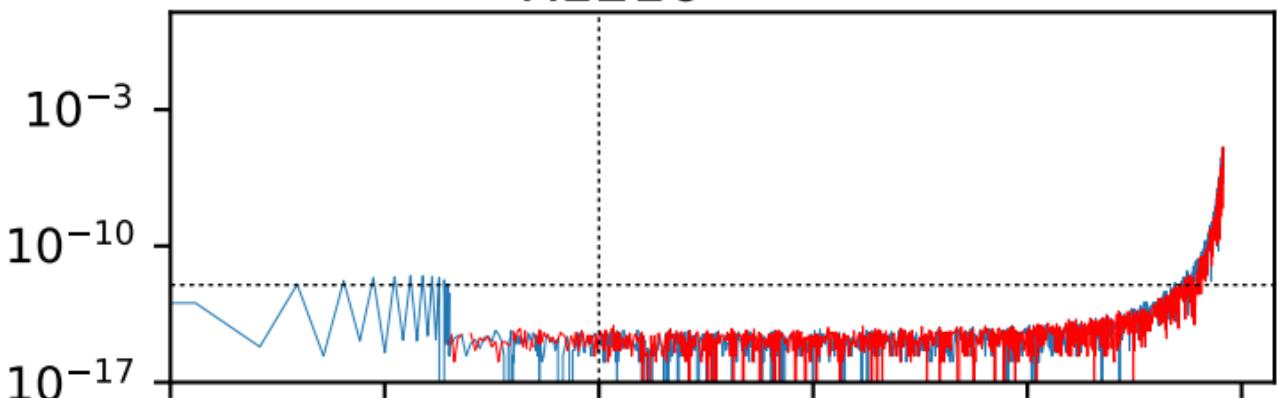
$r_\mu$



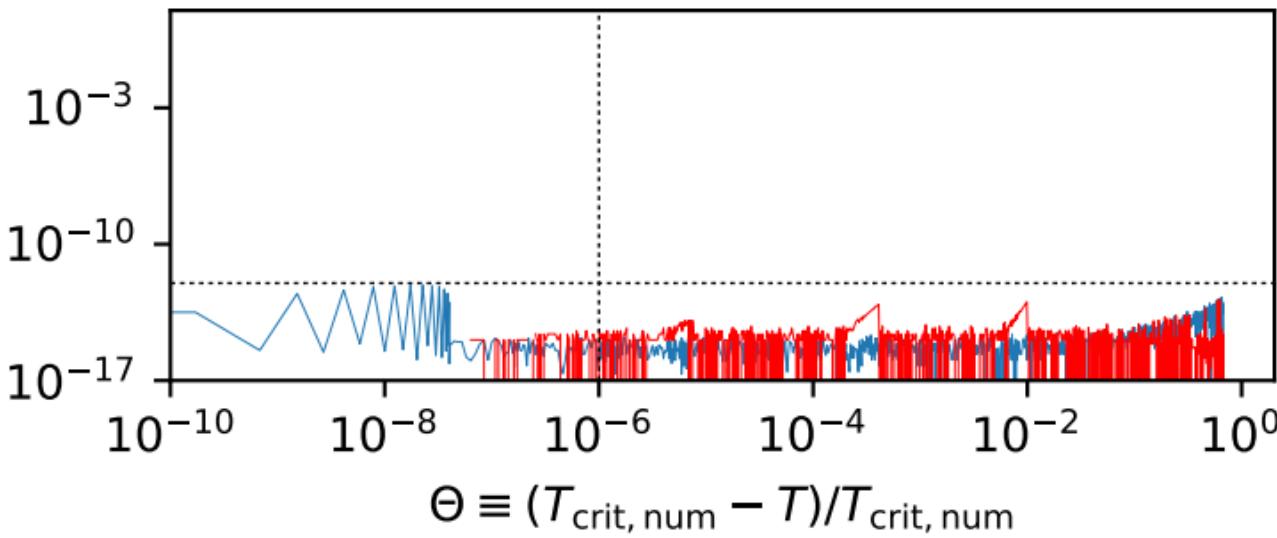
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

R1216

$r_p$



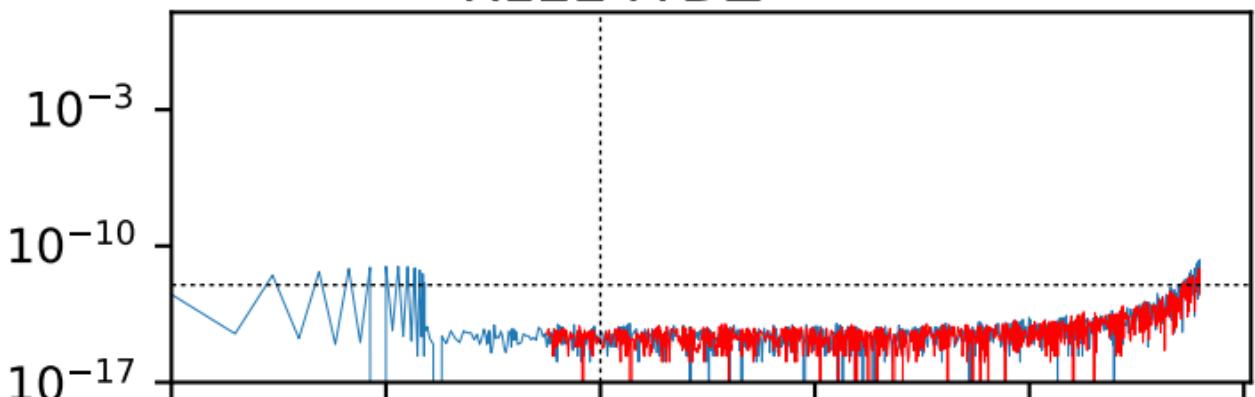
$r_\mu$



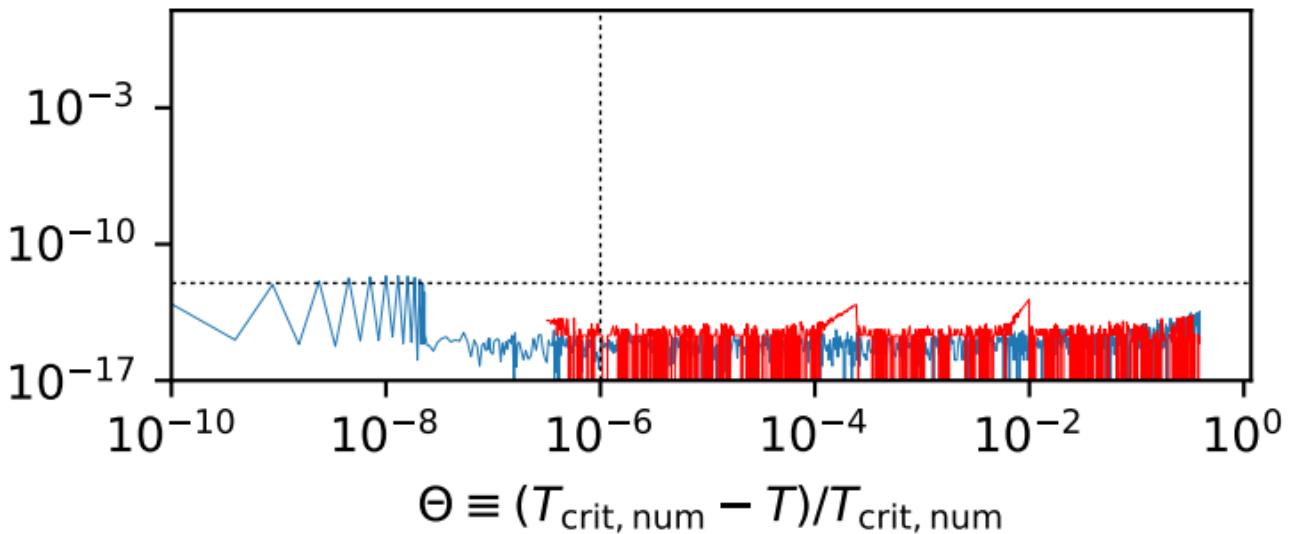
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R1224YDZ

$r_p$



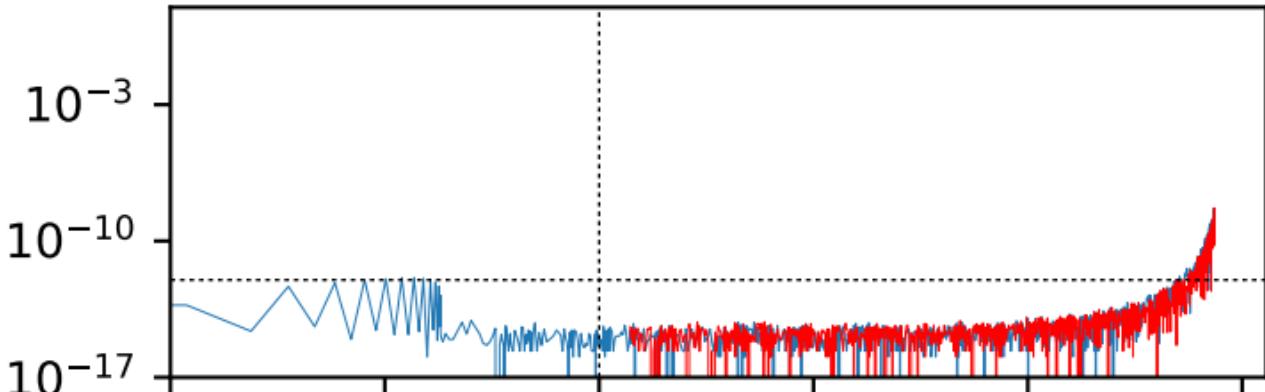
$r_\mu$



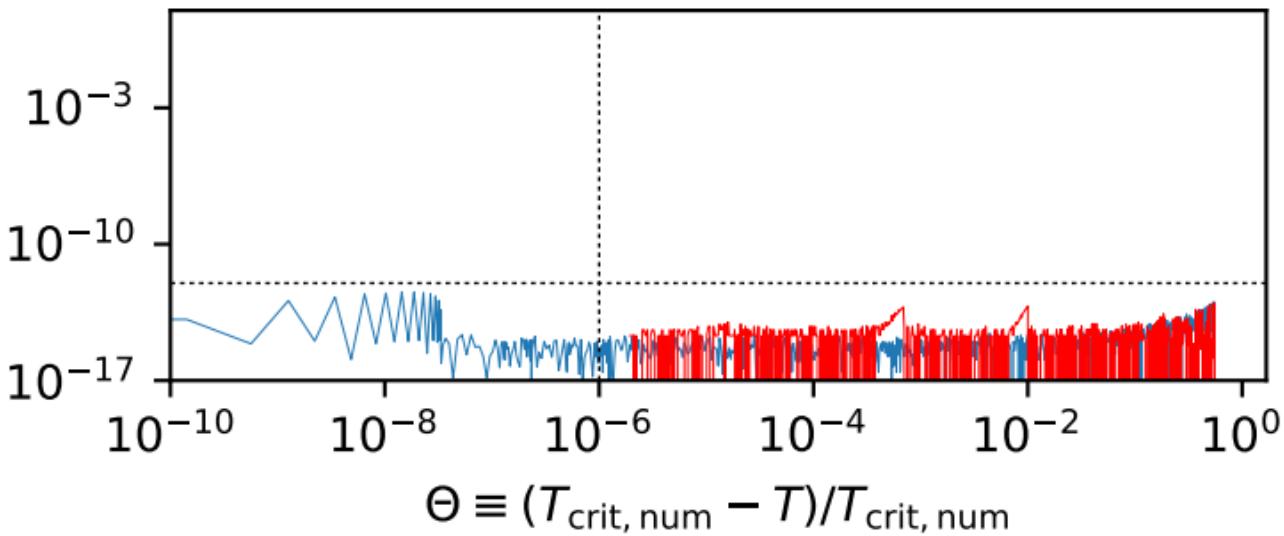
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R1233ZDE

$r_p$



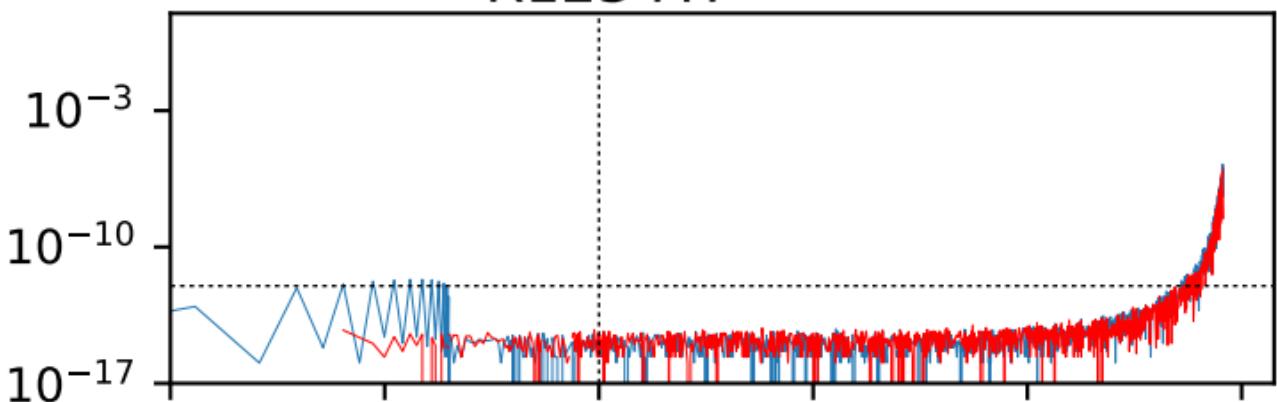
$r_\mu$



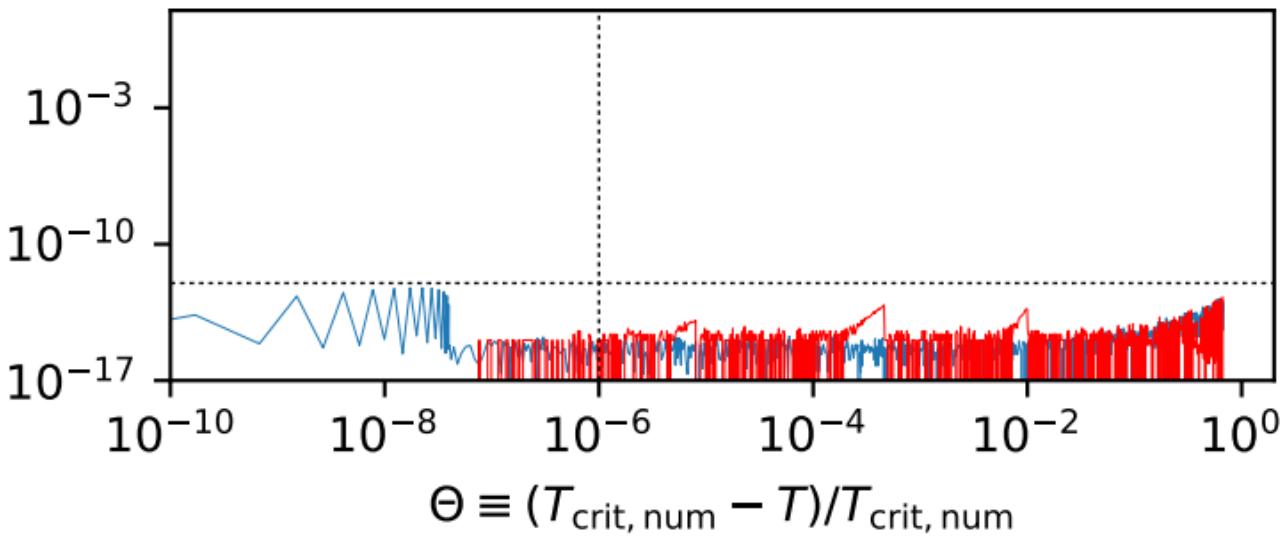
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R1234YF

$r_p$

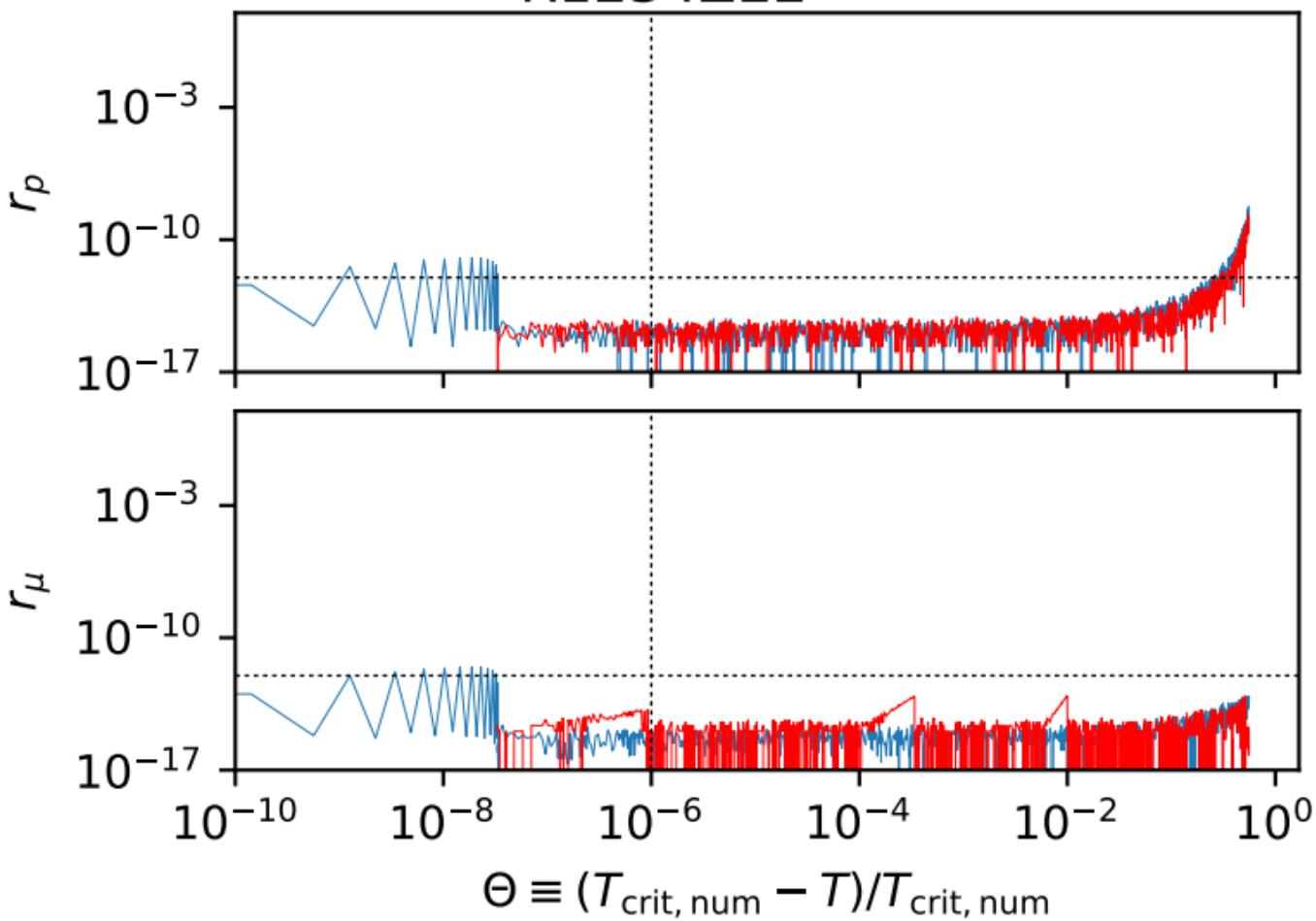


$r_\mu$



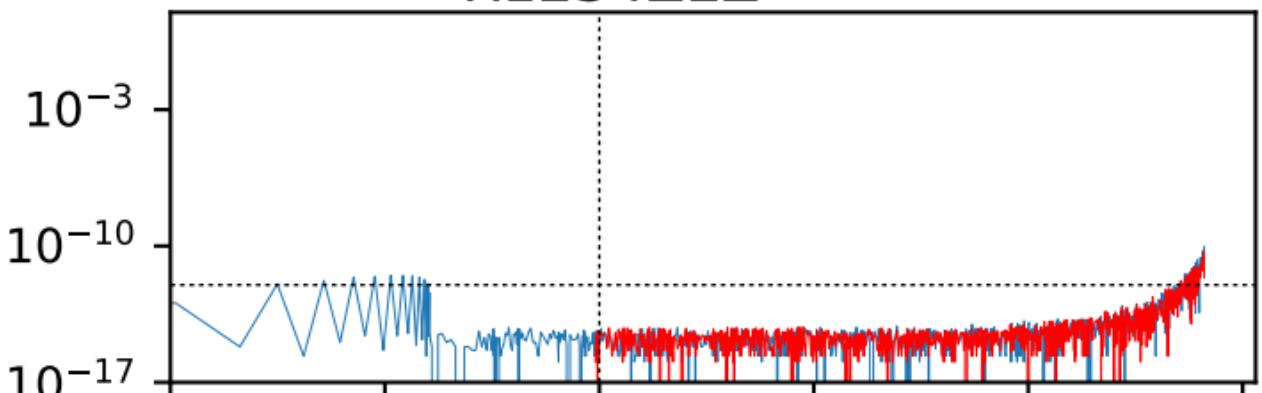
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R1234ZEE

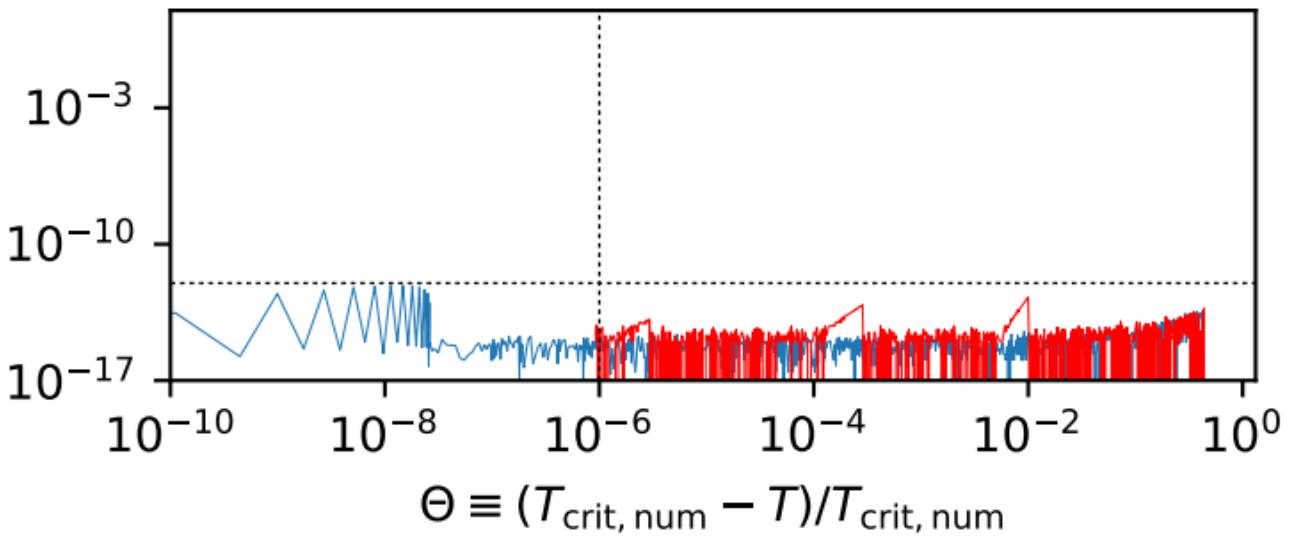


R1234ZEZ

$r_p$



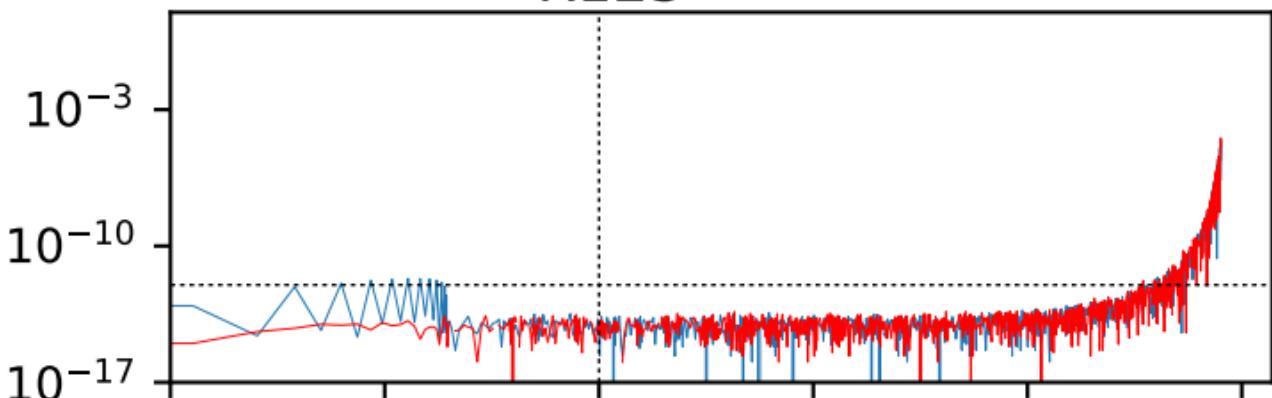
$r_\mu$



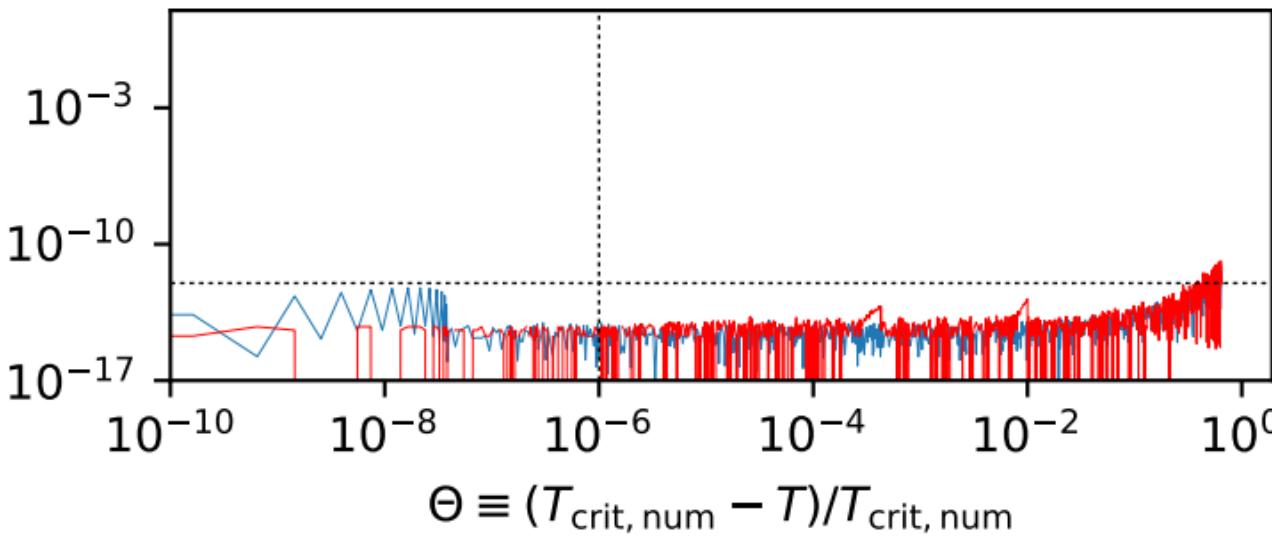
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

R123

$r_p$



$r_\mu$



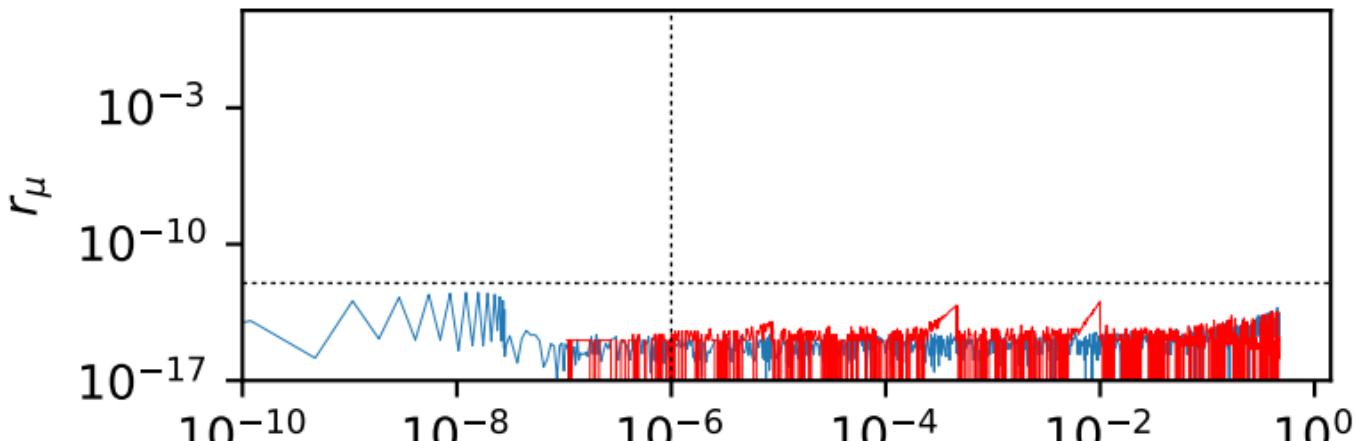
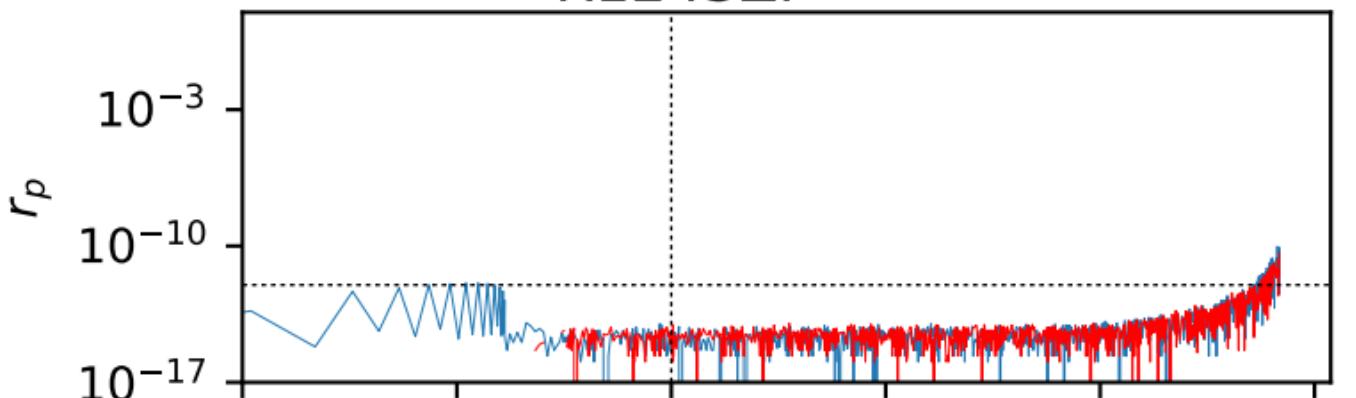
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R1243ZF

$r_p$

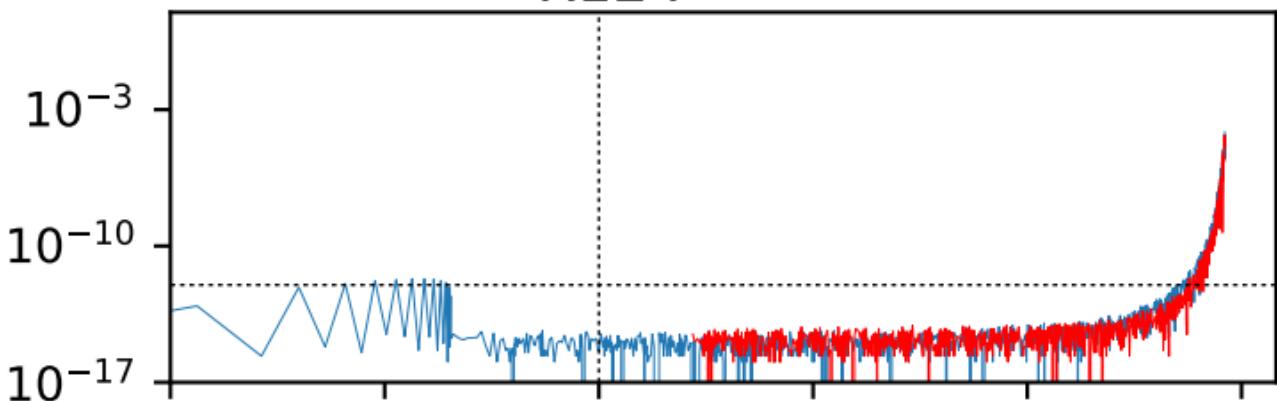
$r_\mu$

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

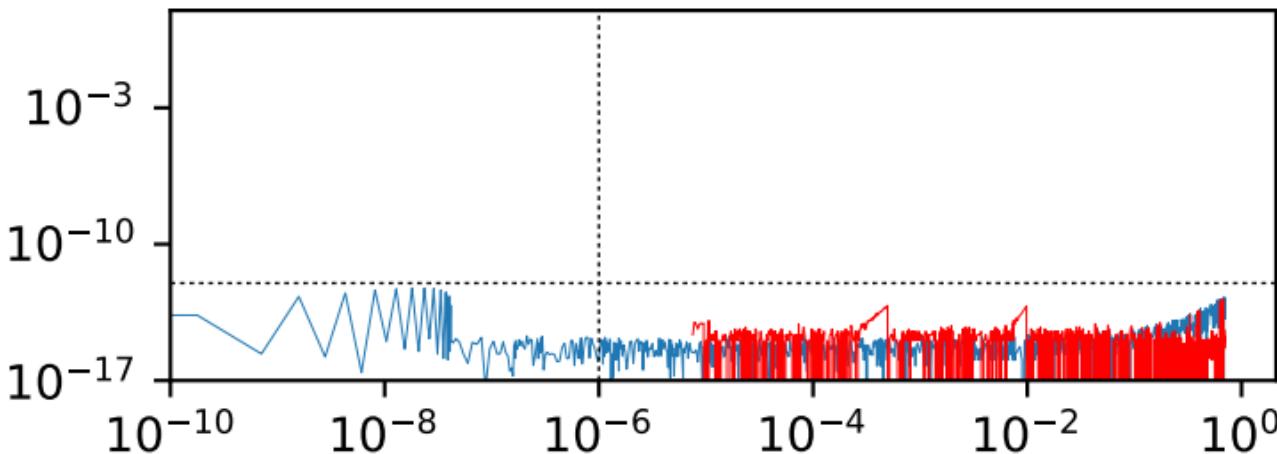


R124

$r_p$



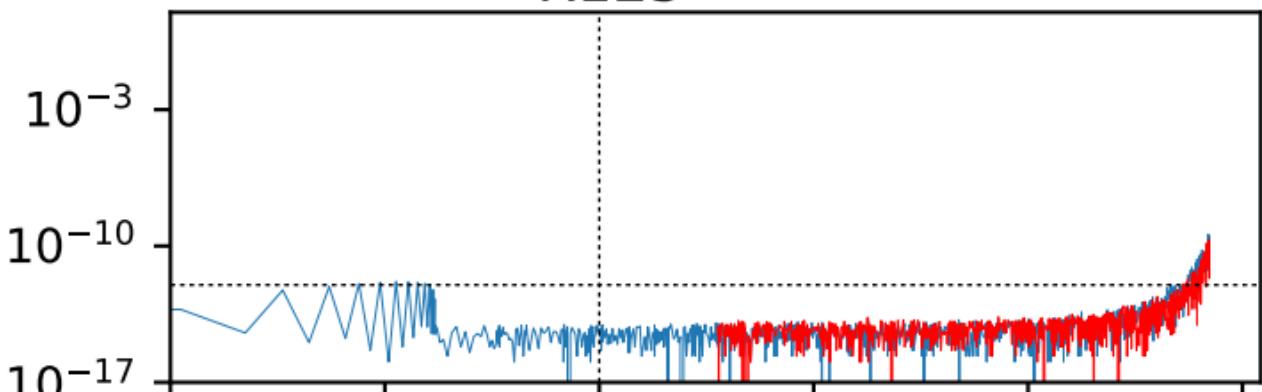
$r_\mu$



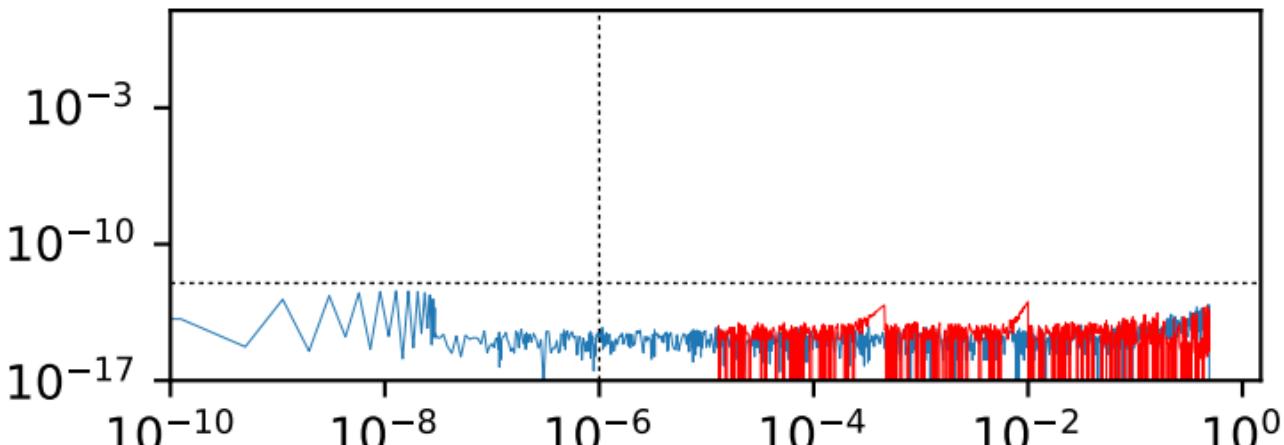
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

R125

$r_p$



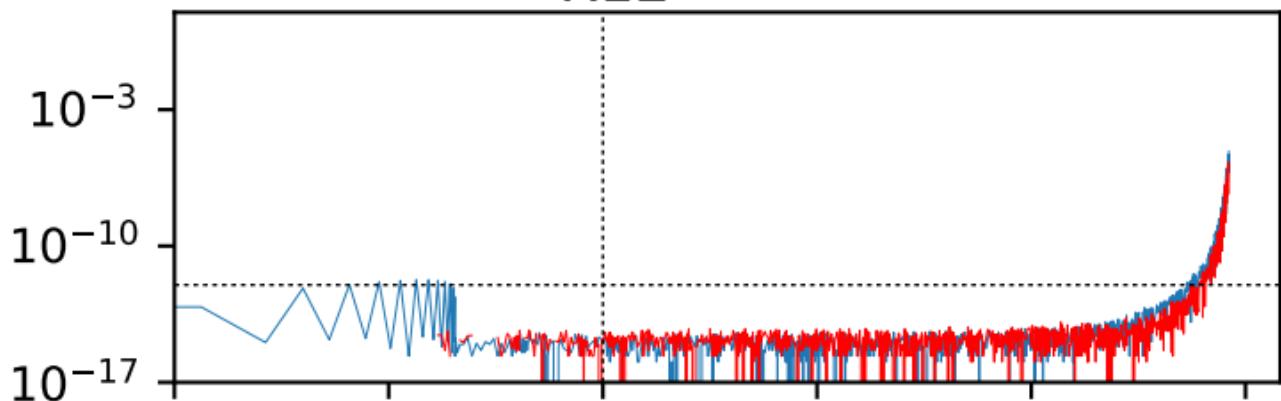
$r_\mu$



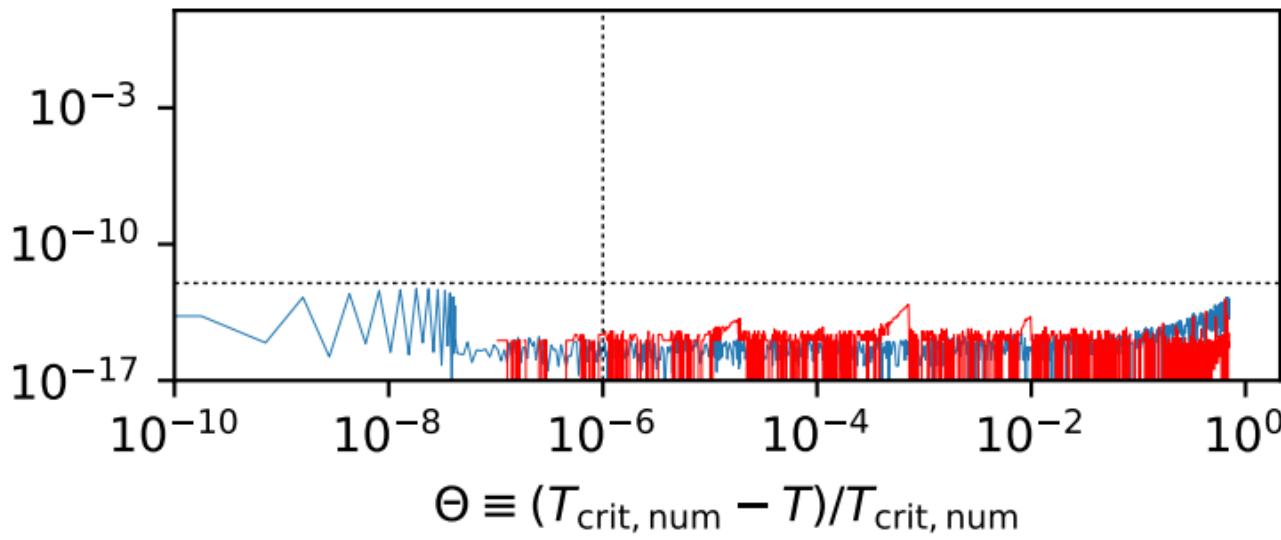
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

R12

$r_p$

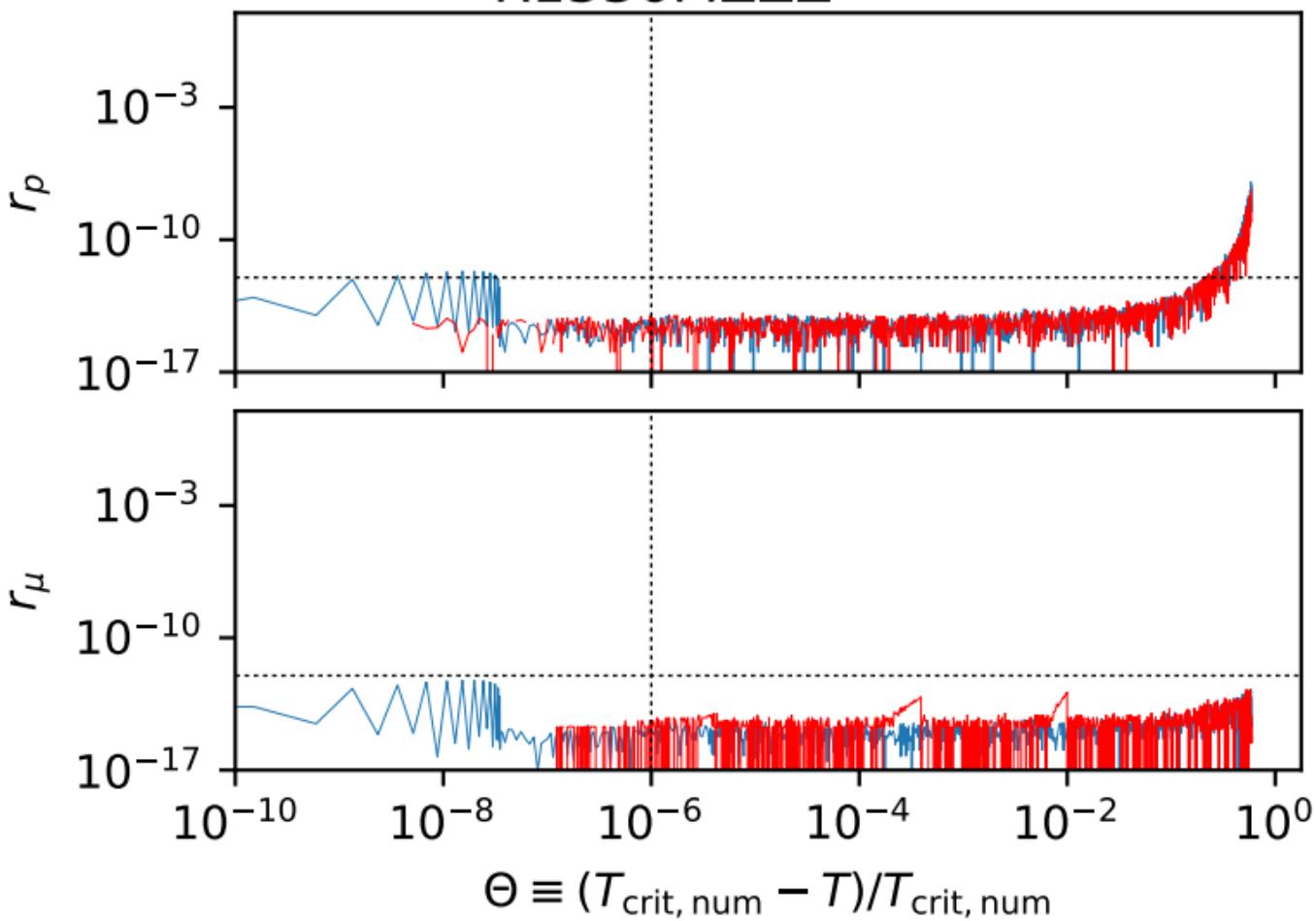


$r_\mu$



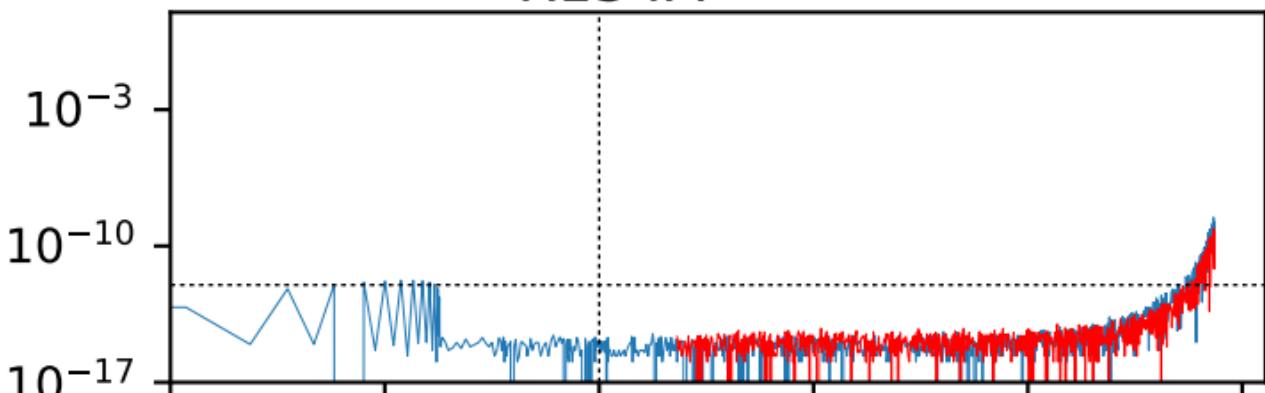
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R1336MZZZ

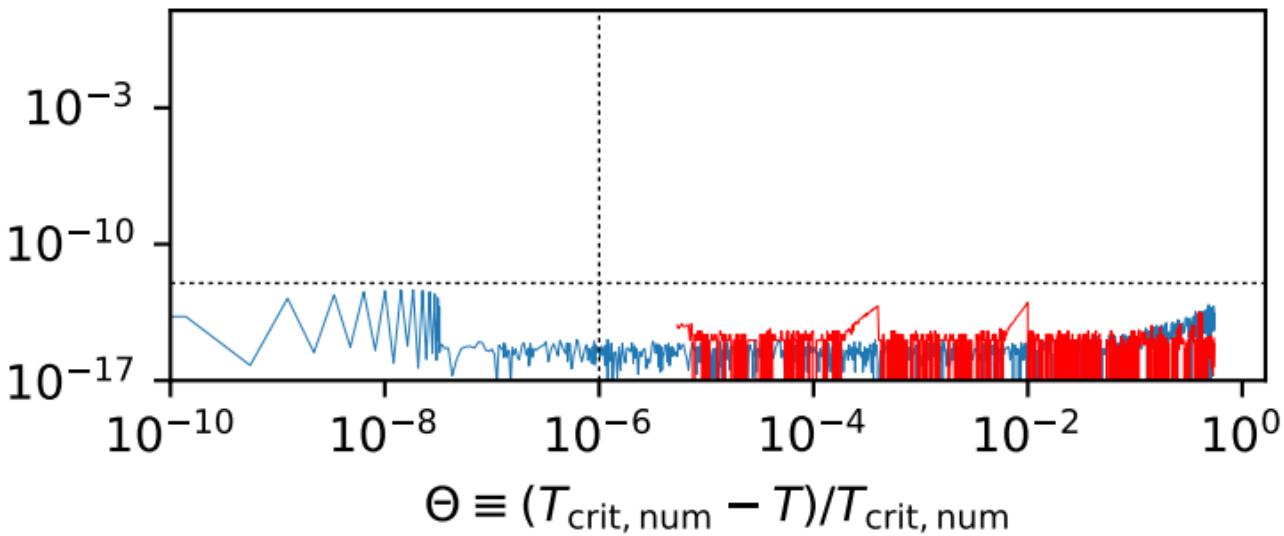


# R134A

$r_p$

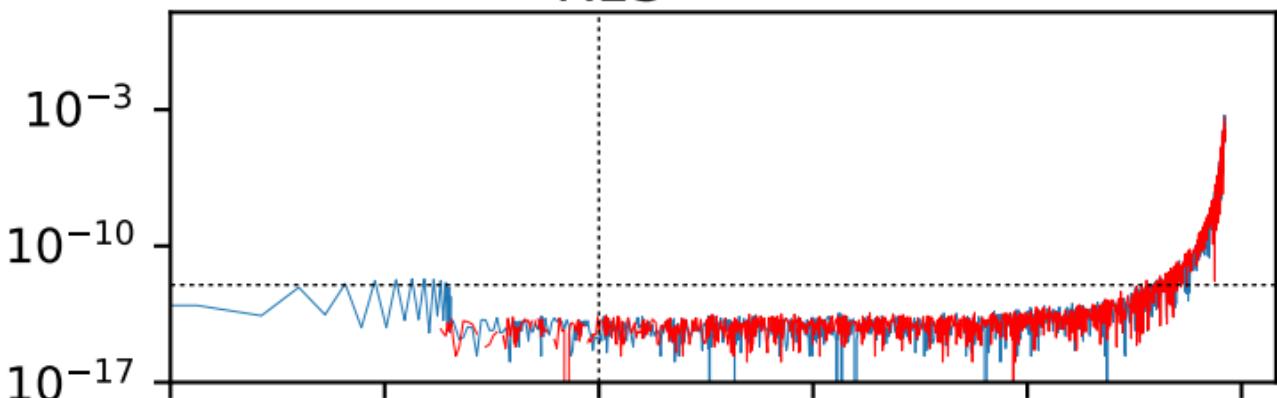


$r_\mu$

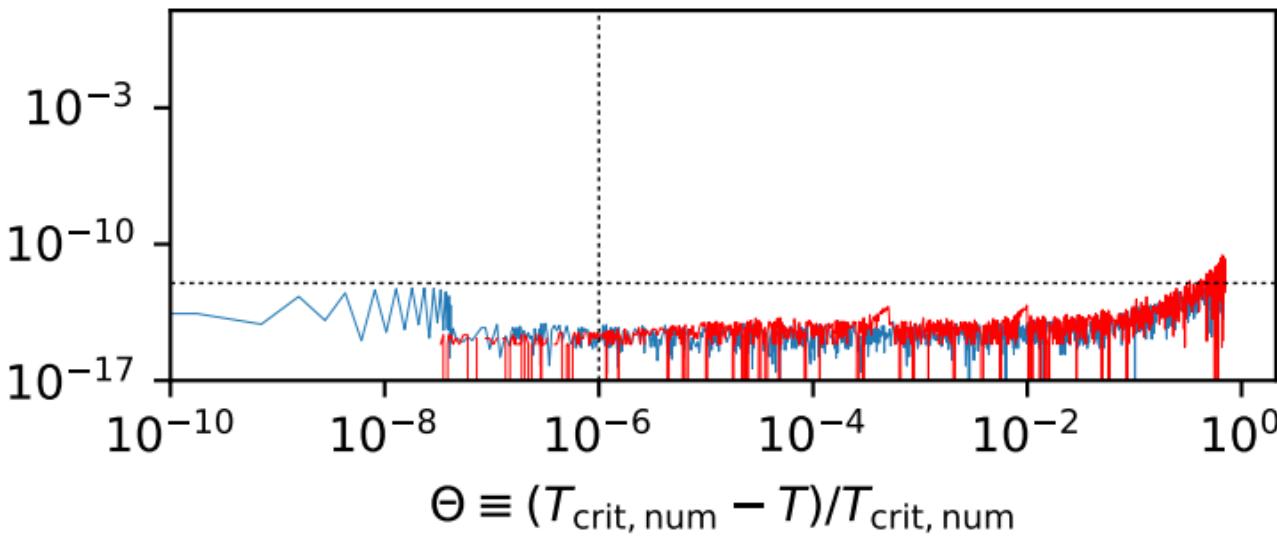


R13

$r_p$



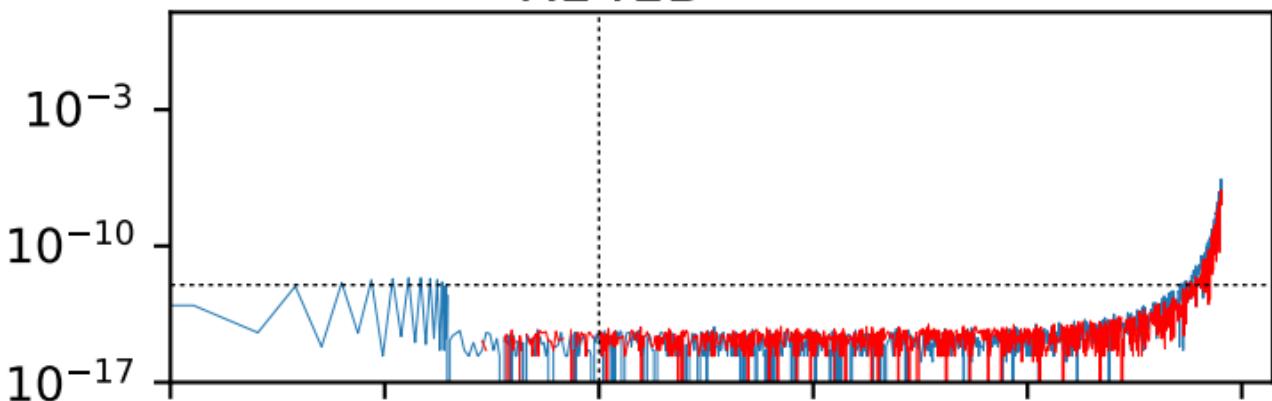
$r_\mu$



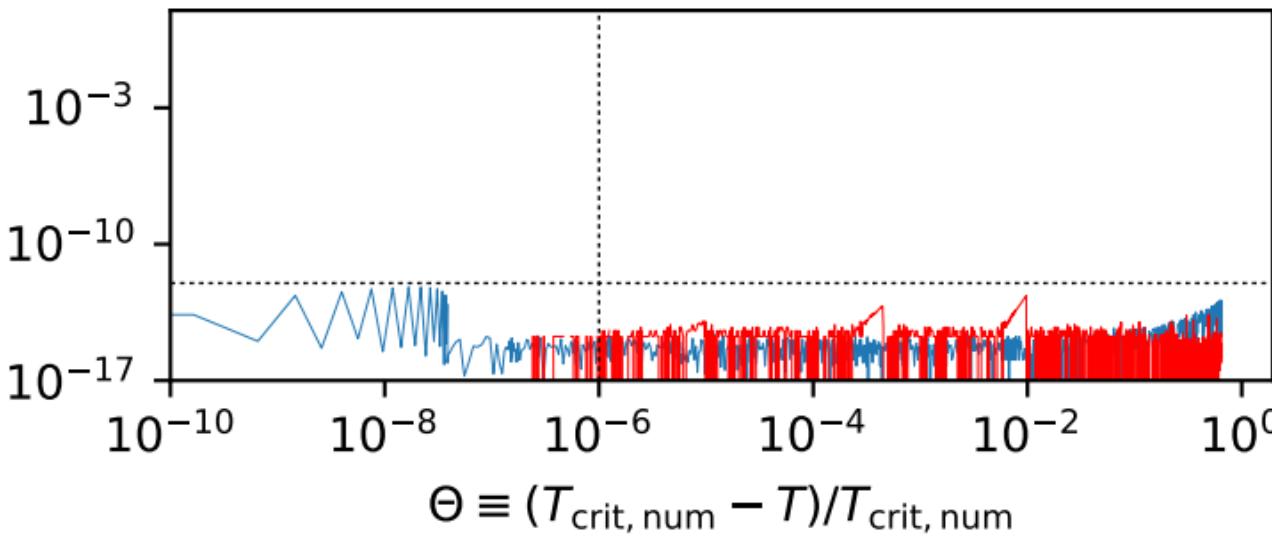
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

R141B

$r_p$



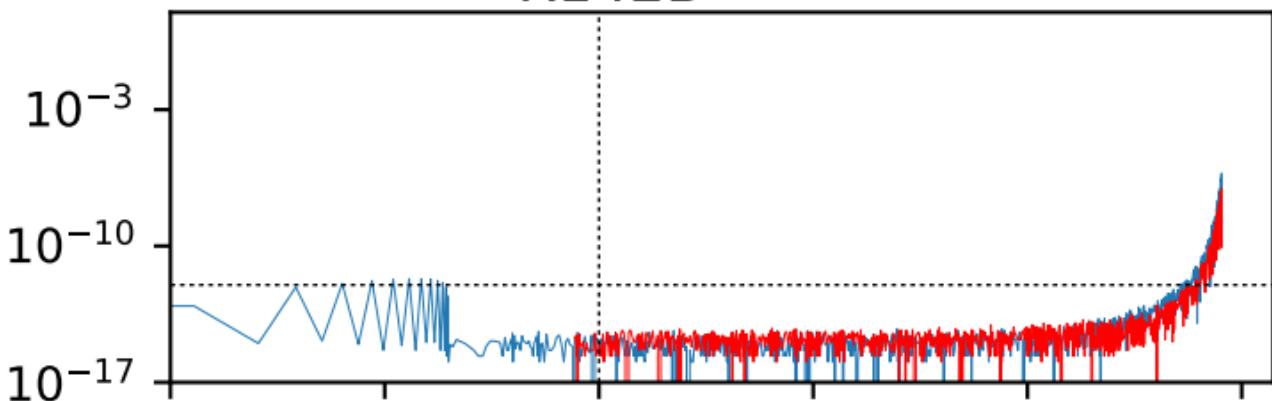
$r_\mu$



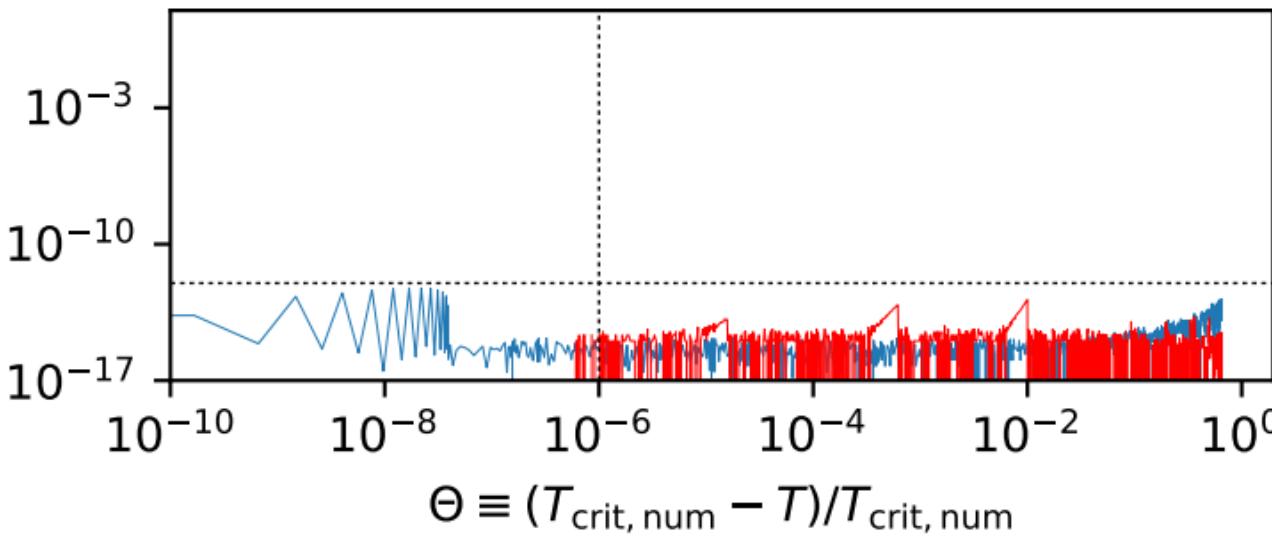
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

R142B

$r_p$



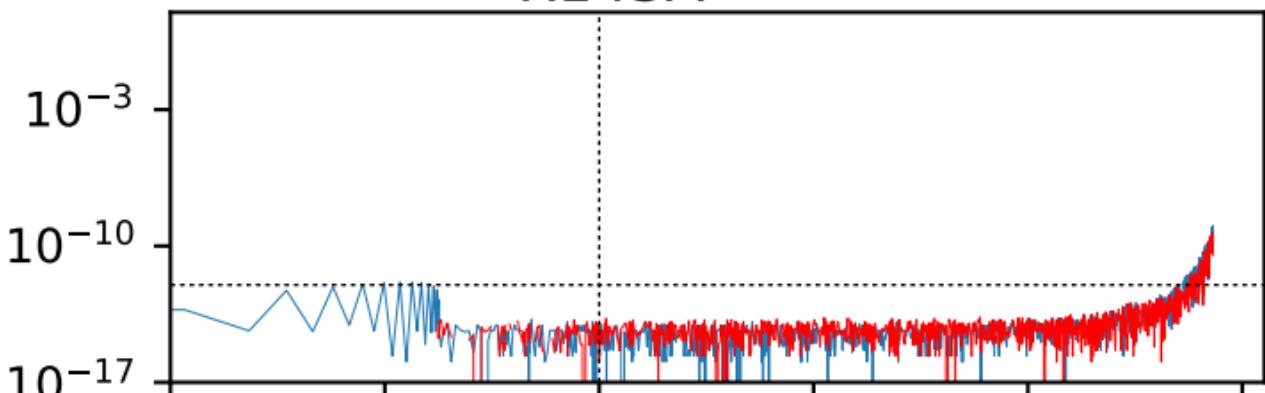
$r_\mu$



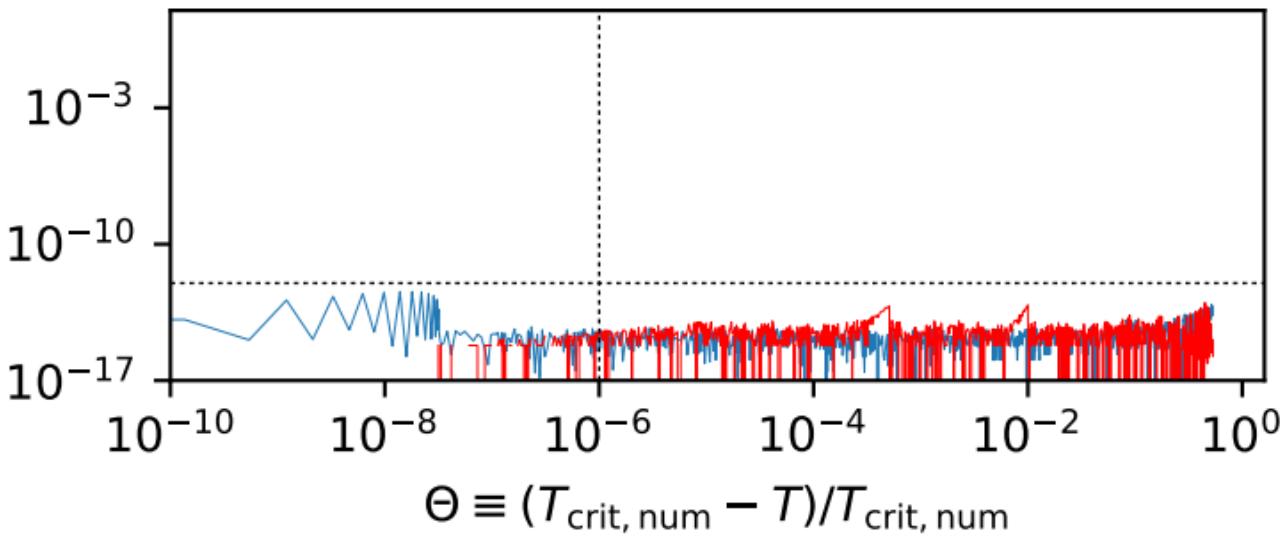
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

R143A

$r_p$

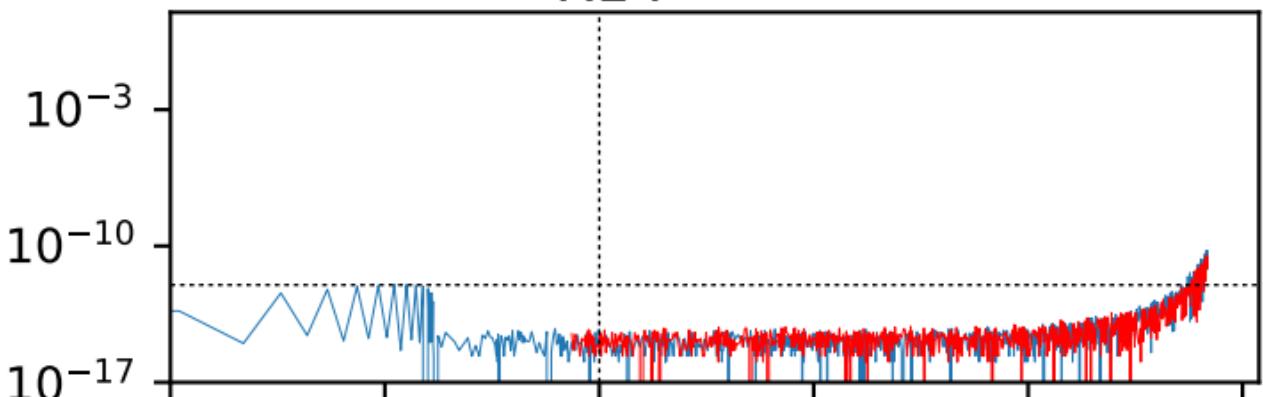


$r_\mu$

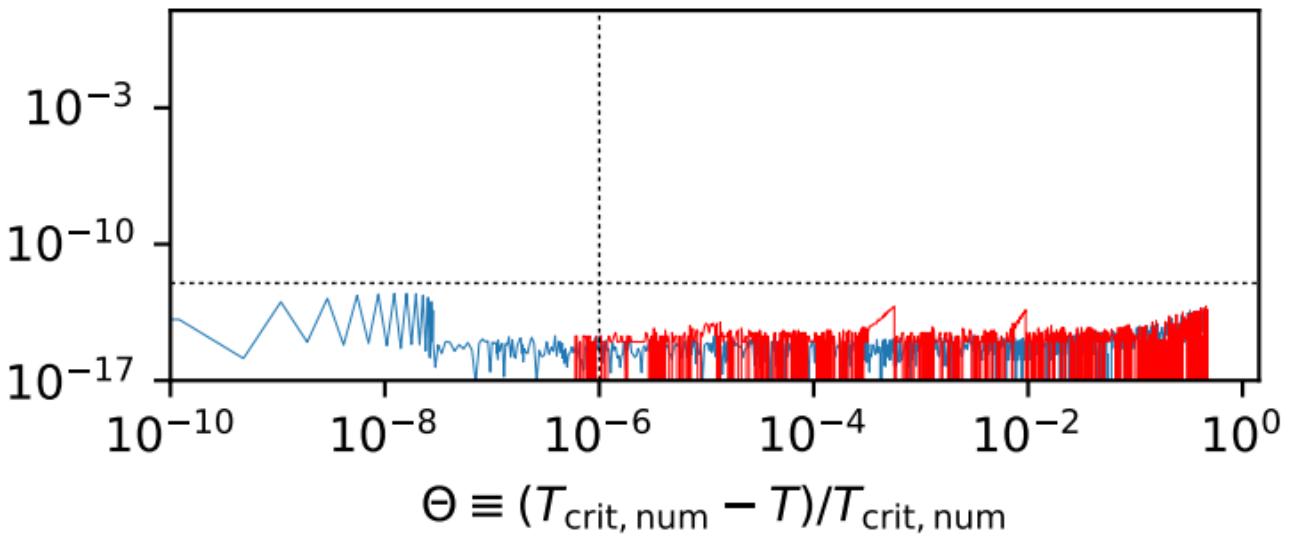


R14

$r_p$

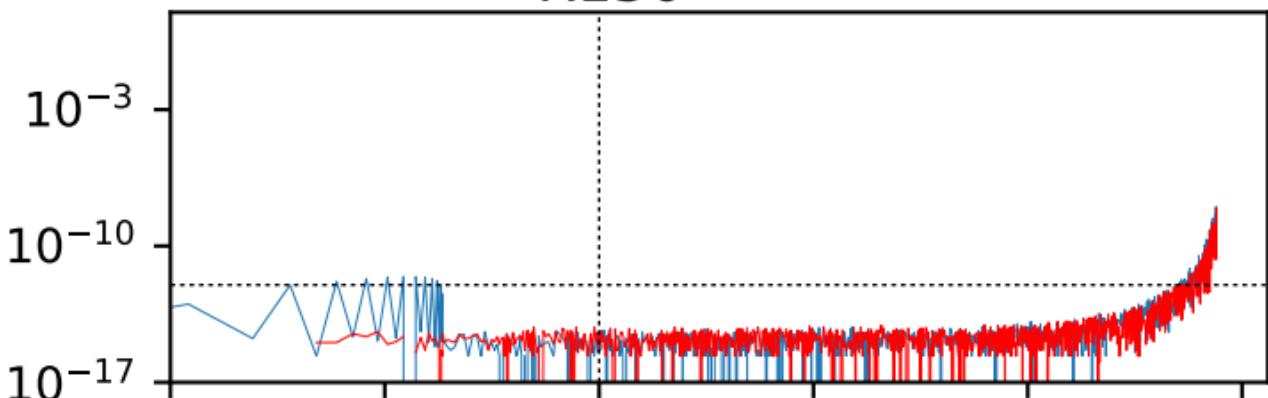


$r_\mu$

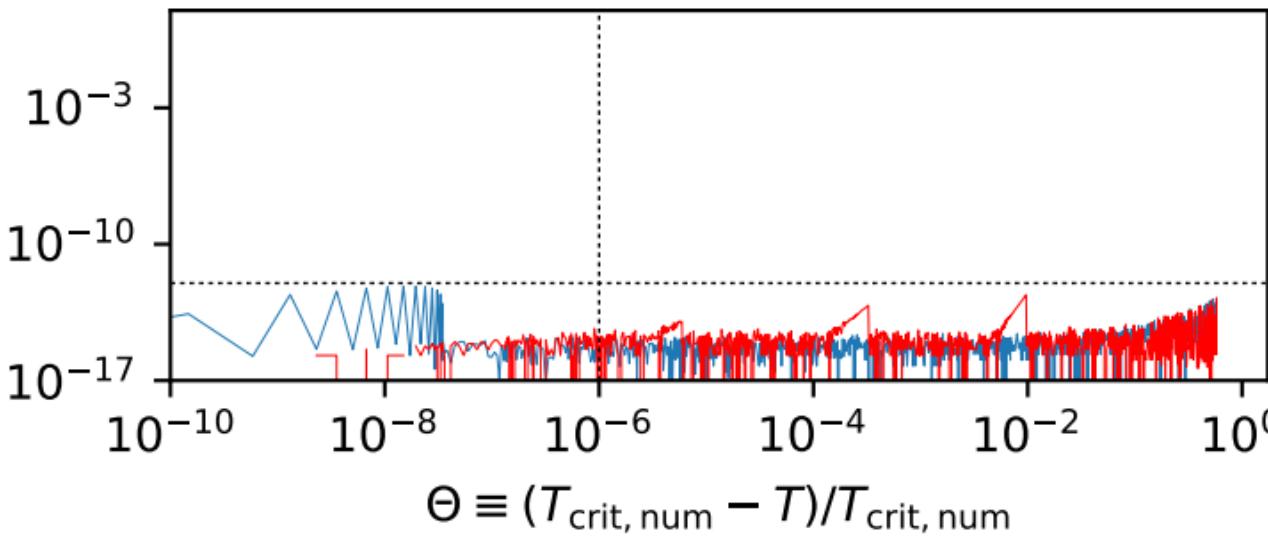


R150

$r_p$

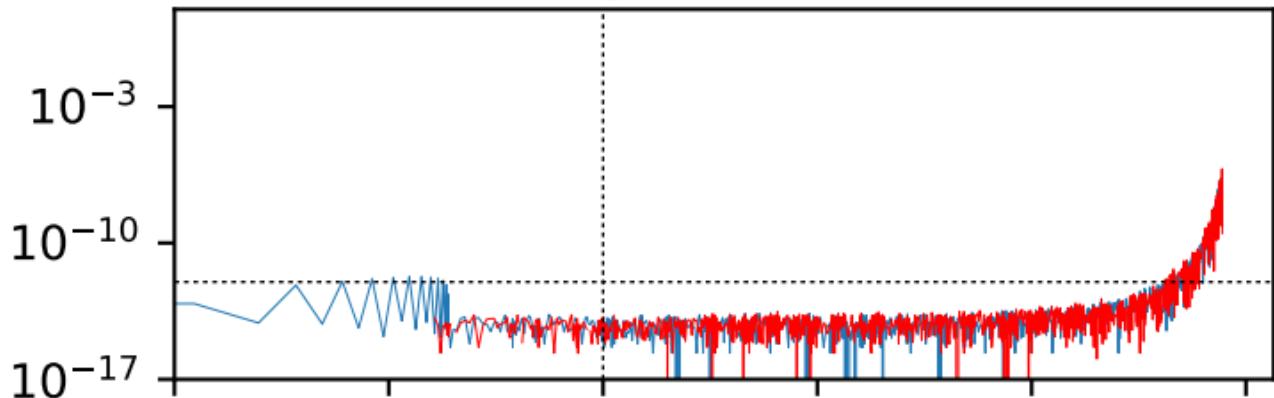


$r_\mu$

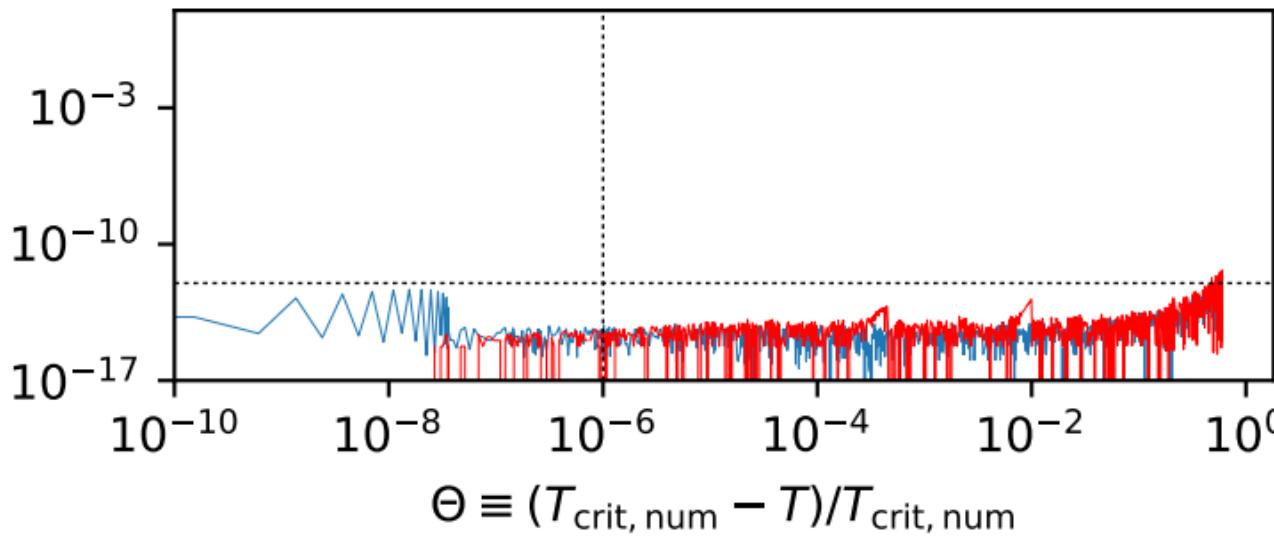


R152A

$r_p$

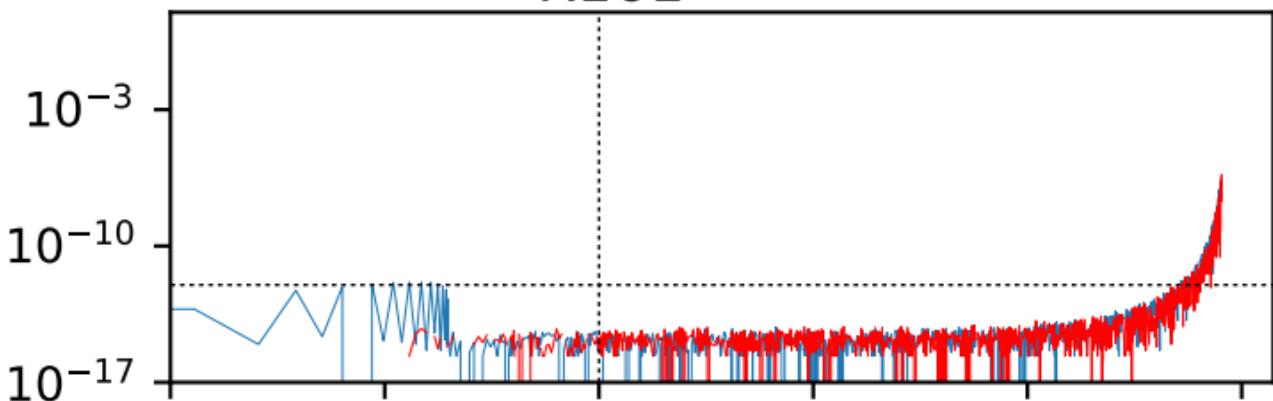


$r_\mu$

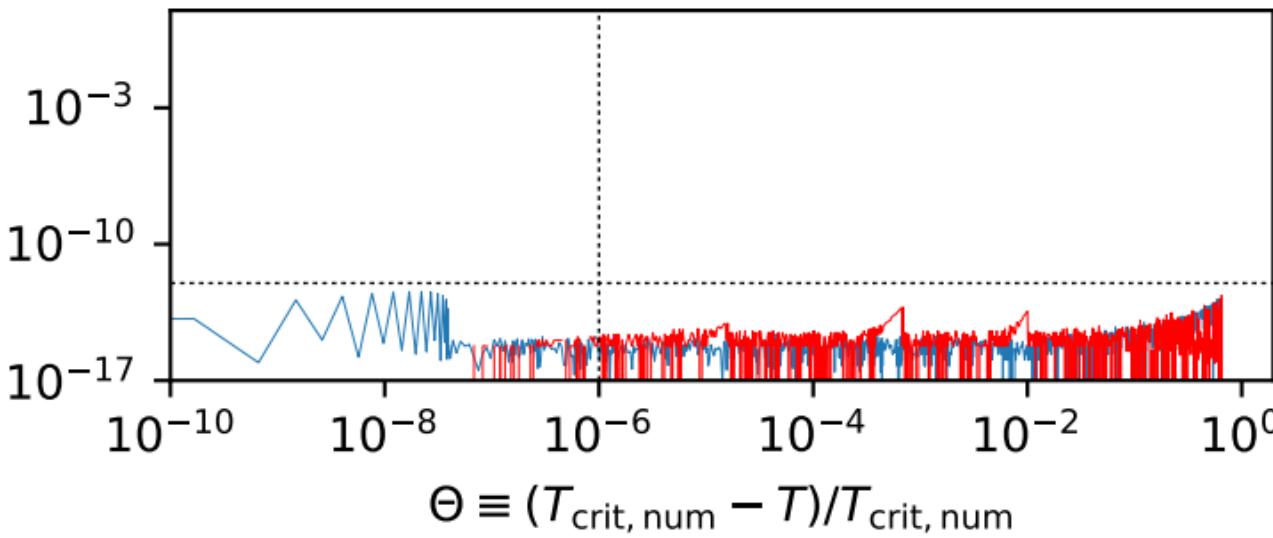


R161

$r_p$

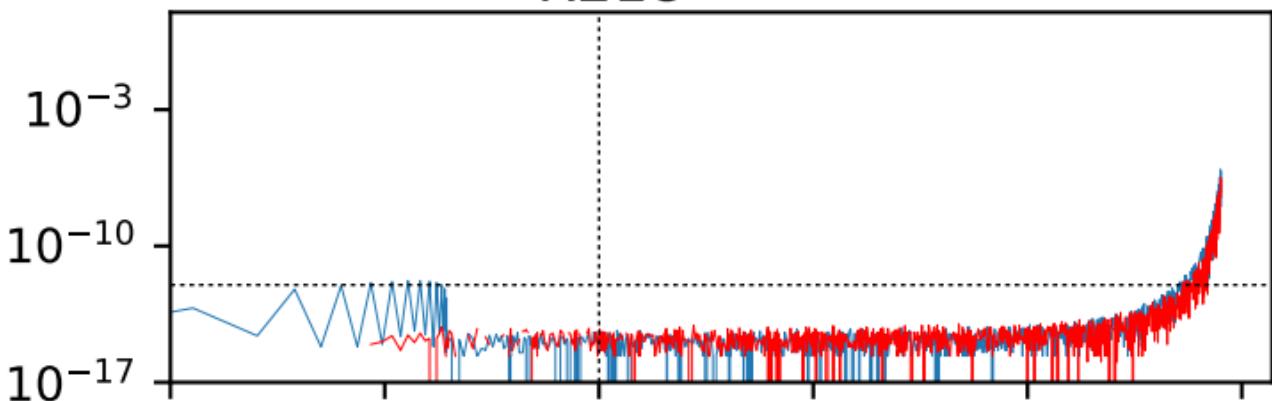


$r_\mu$

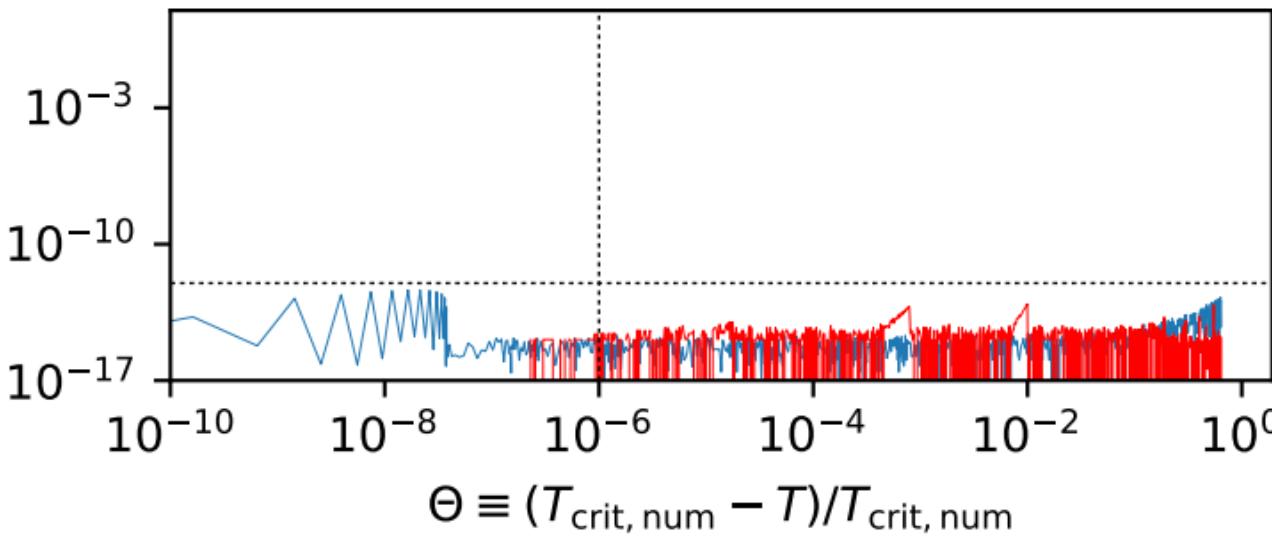


R218

$r_p$

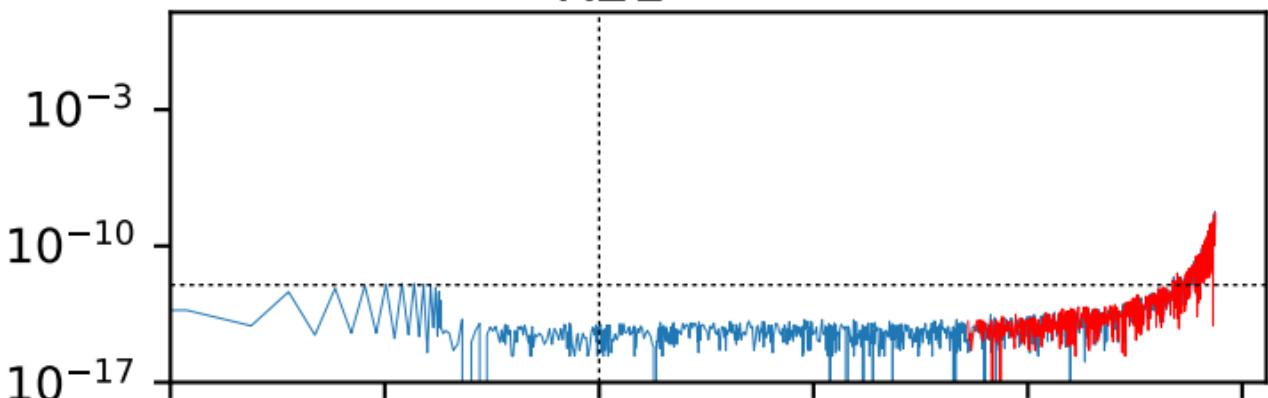


$r_\mu$

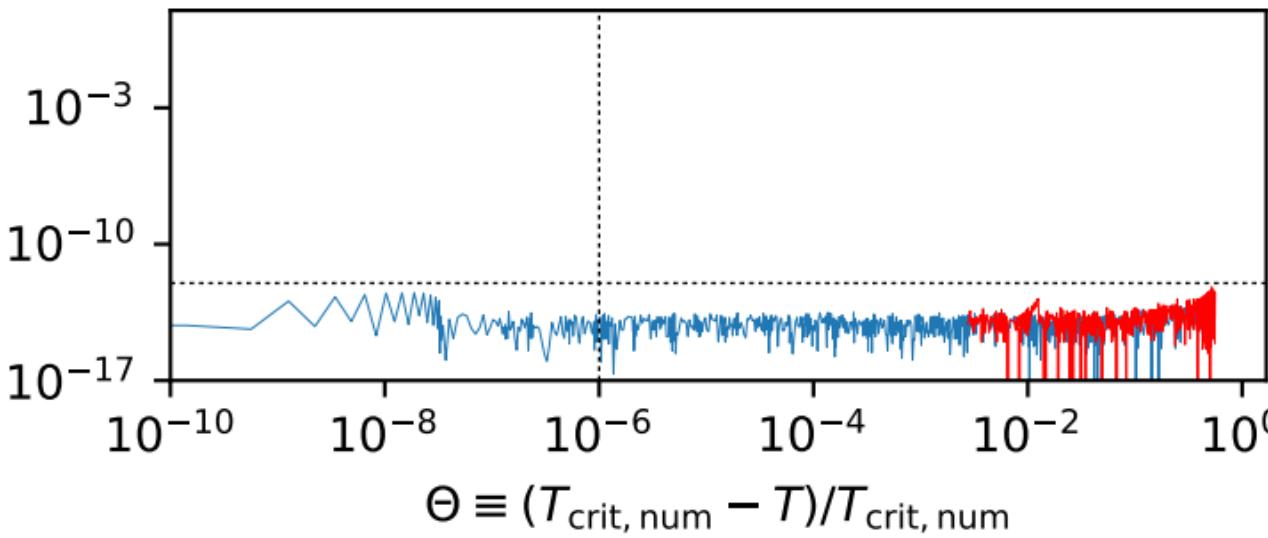


R21

$r_p$

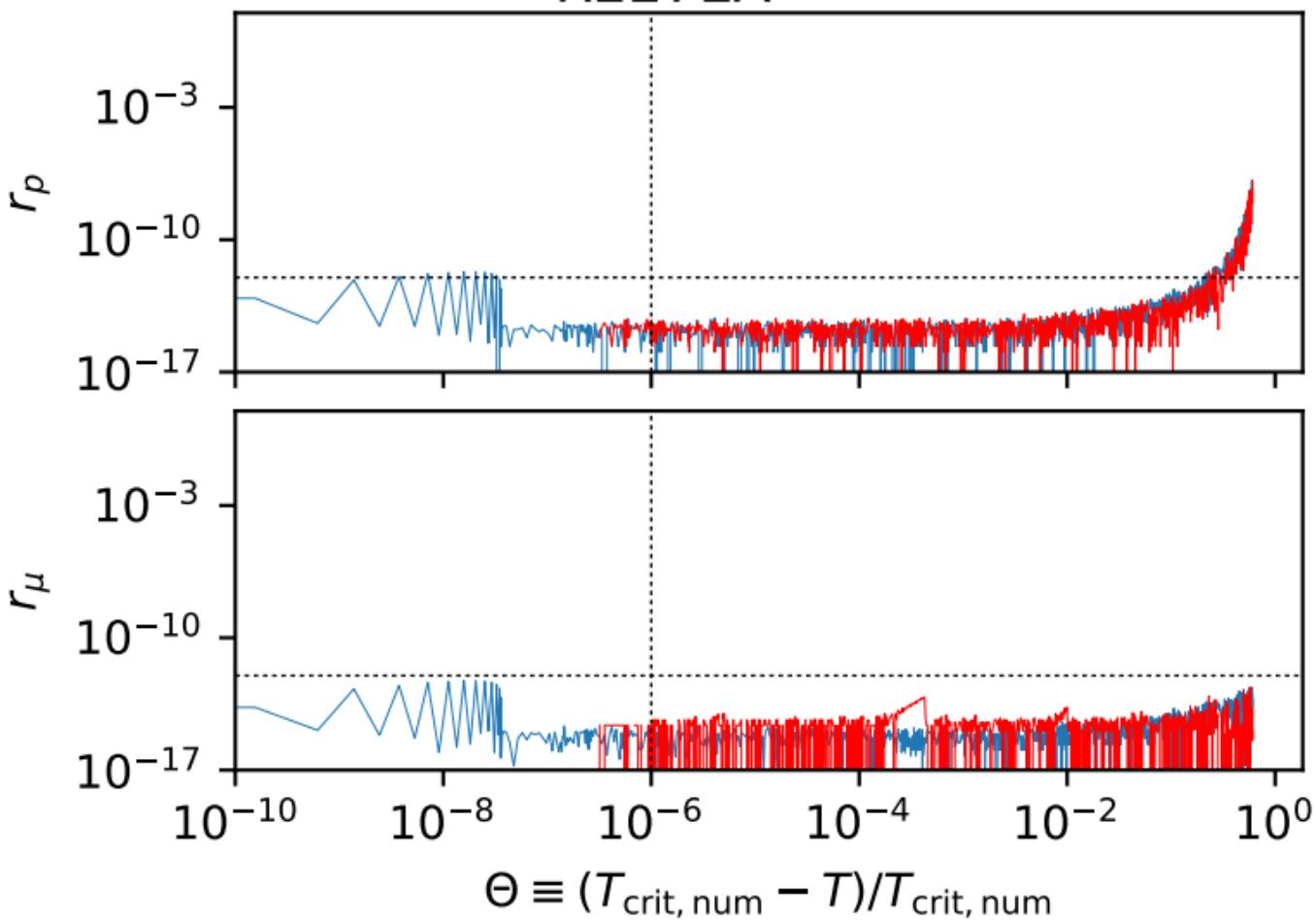


$r_\mu$



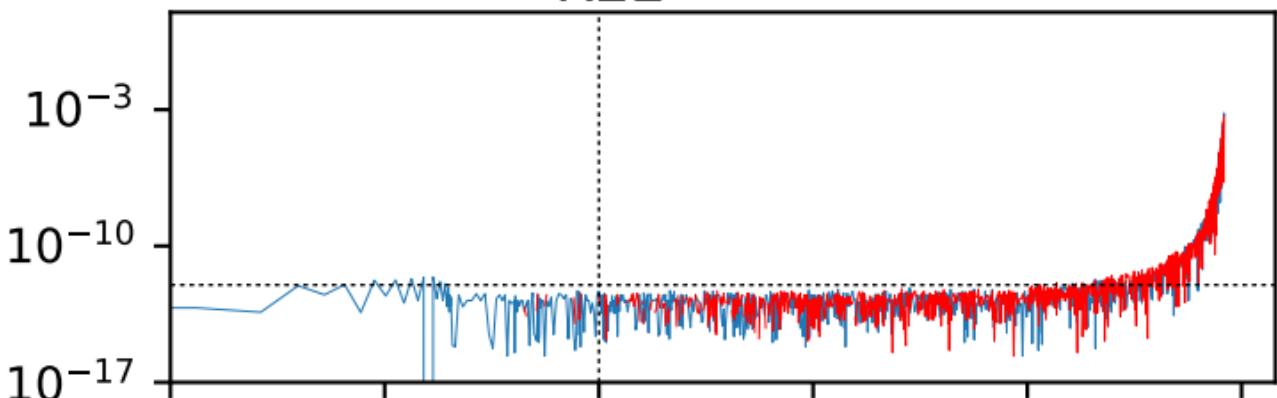
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R227EA

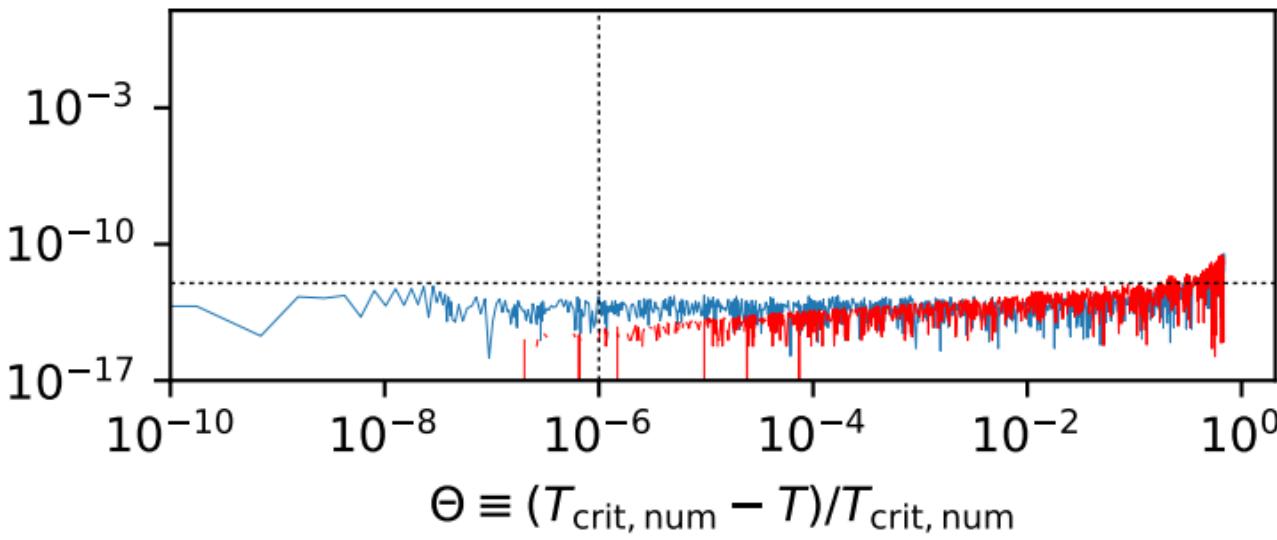


R22

$r_p$



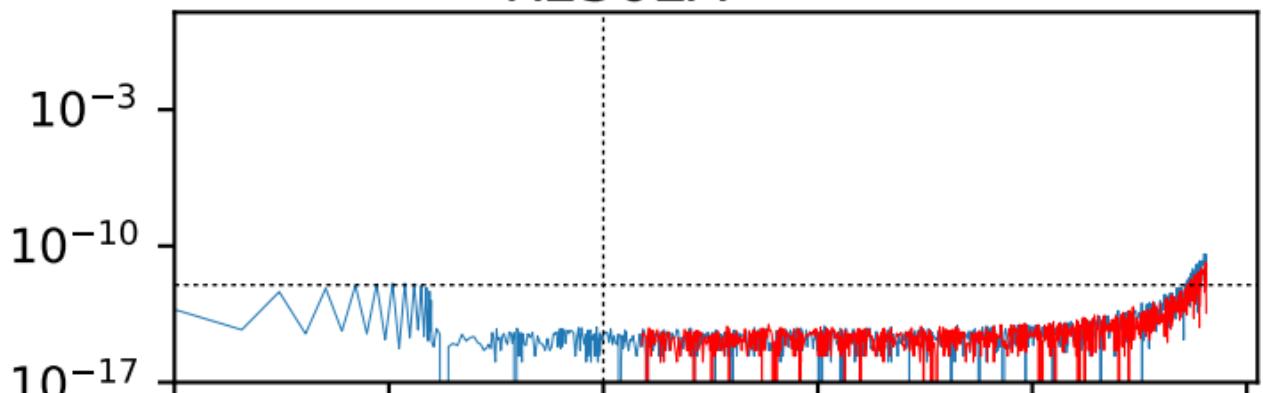
$r_\mu$



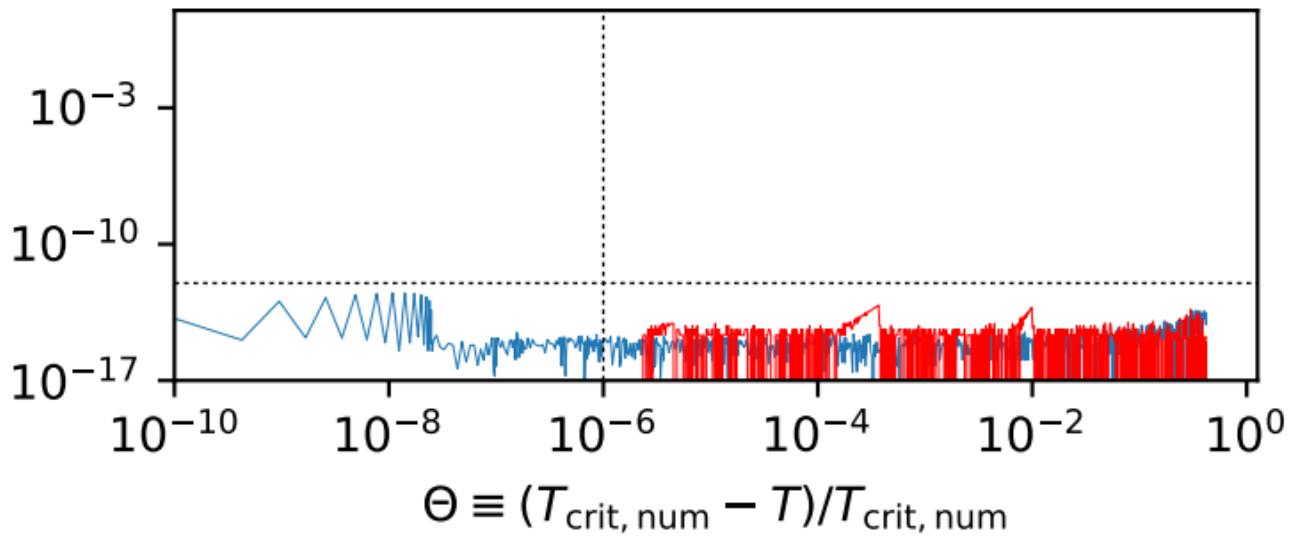
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R236EA

$r_p$

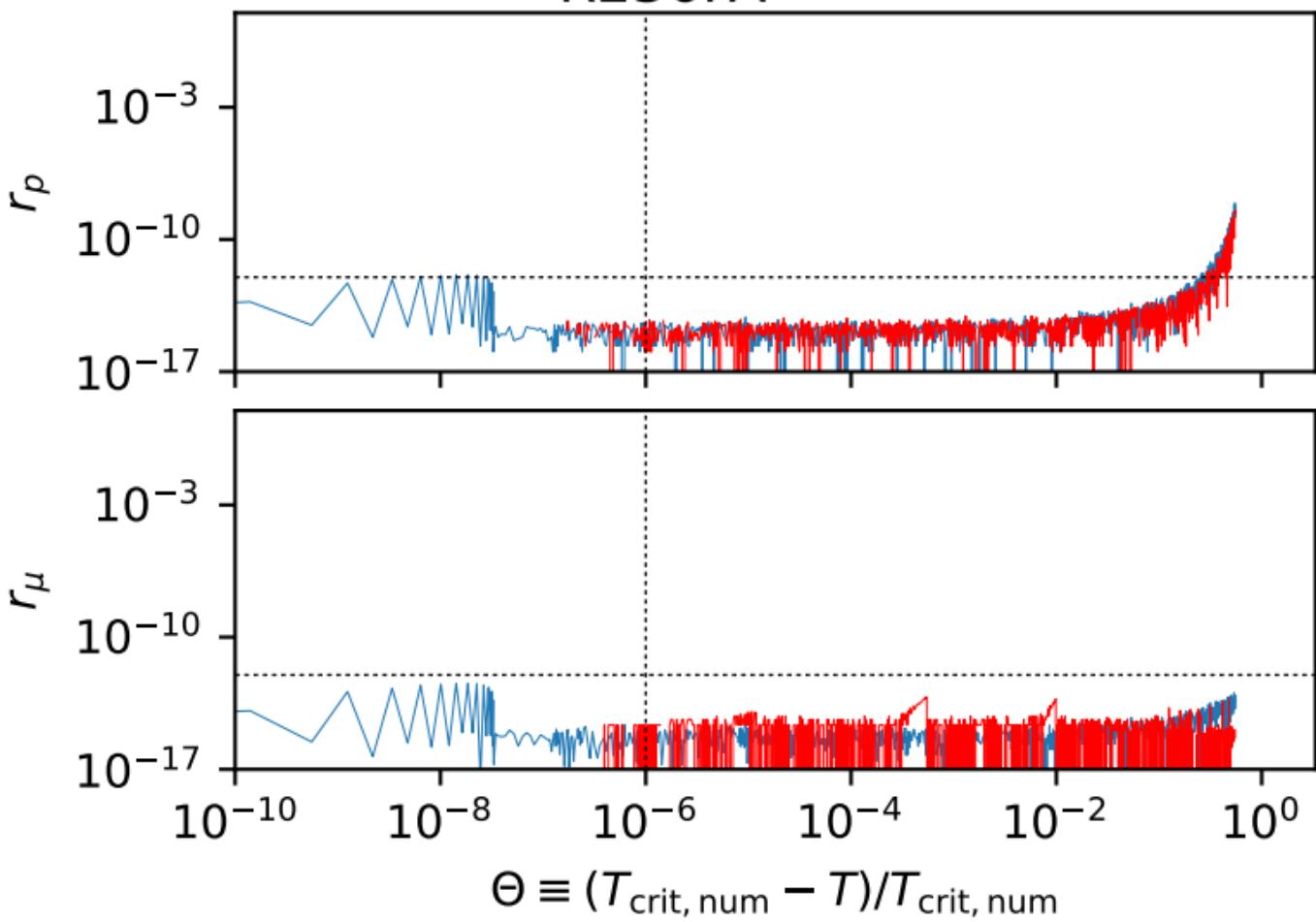


$r_\mu$



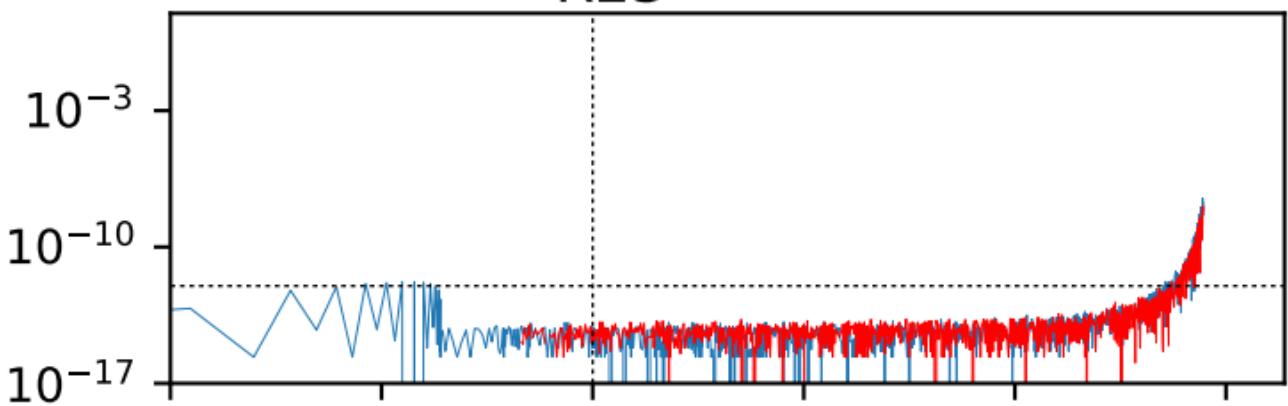
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R236FA

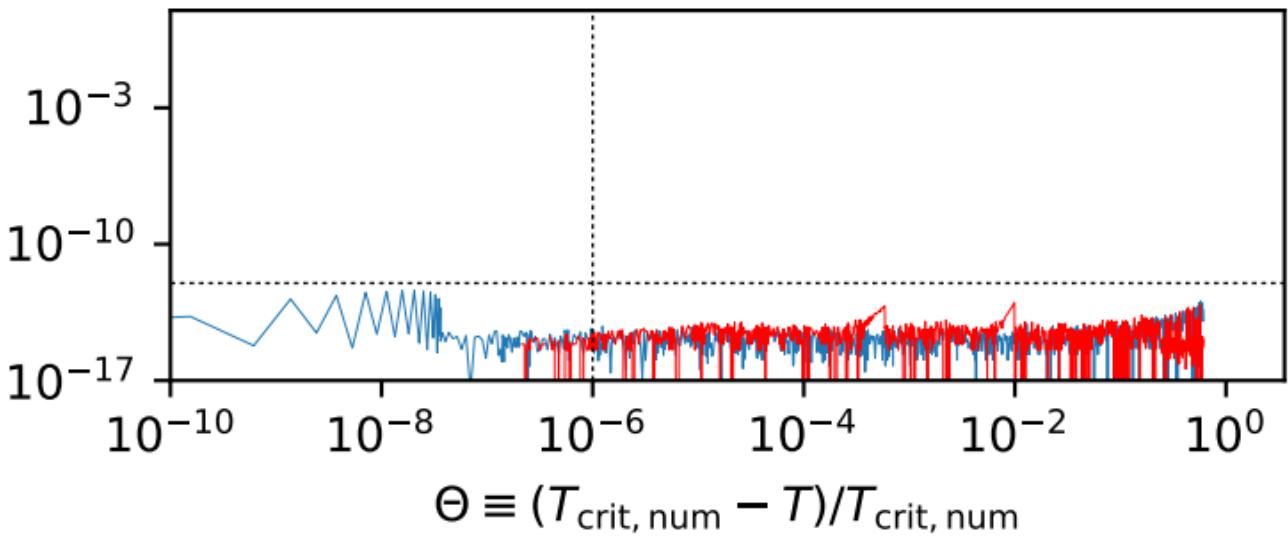


R23

$r_p$



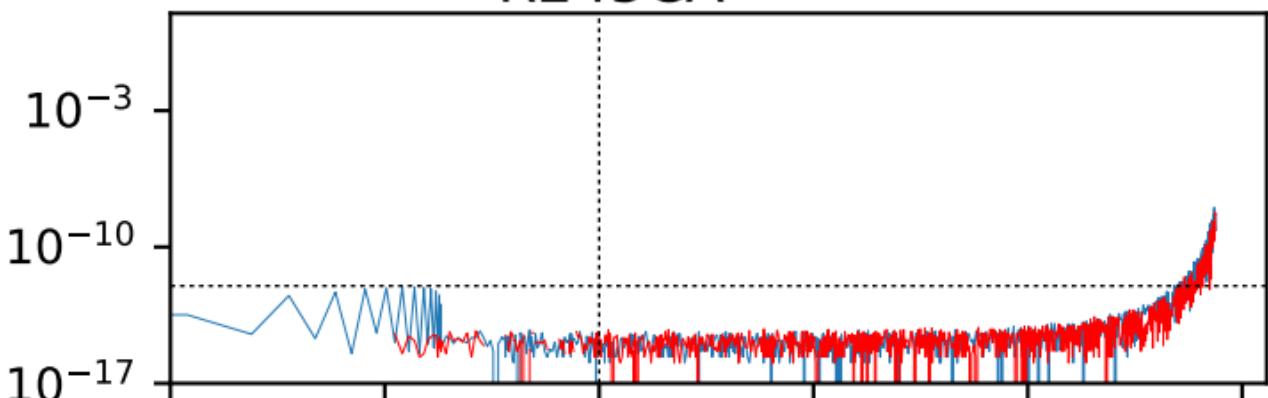
$r_\mu$



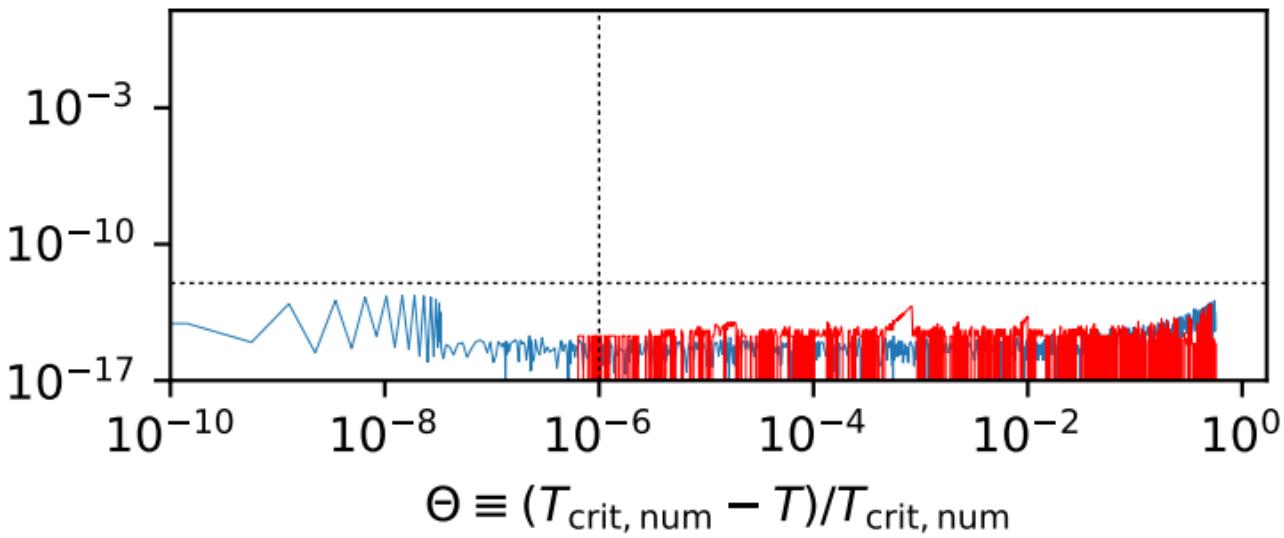
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R245CA

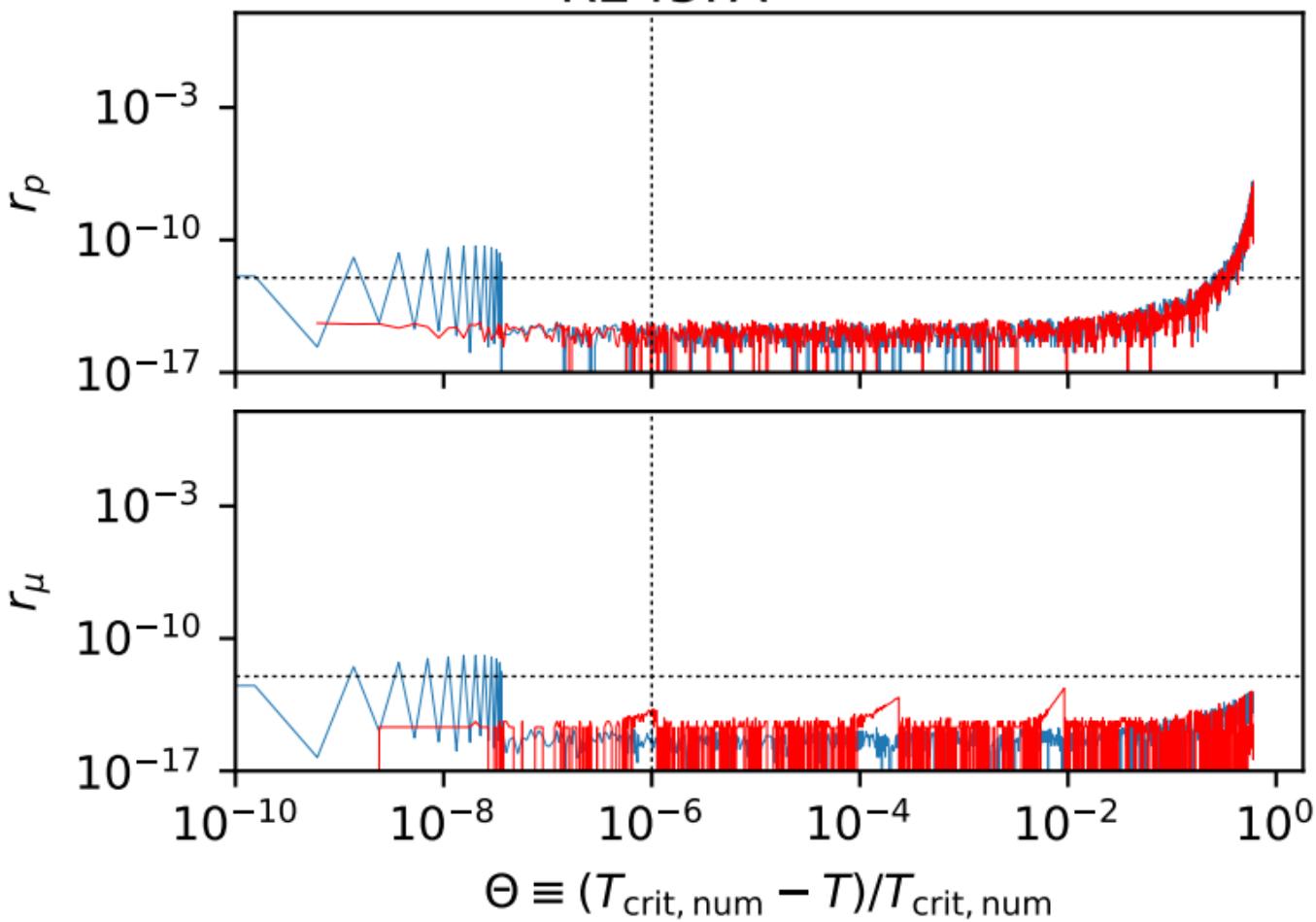
$r_p$



$r_\mu$

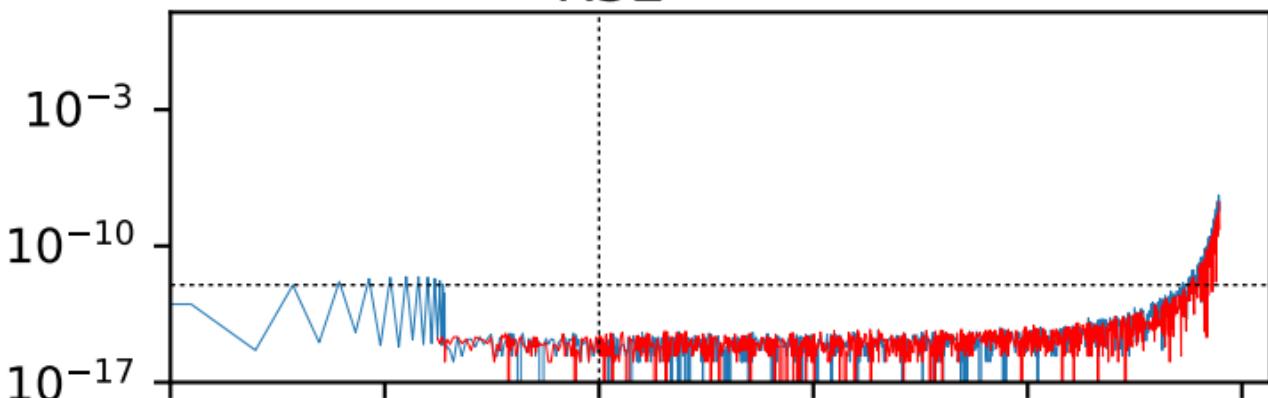


# R245FA

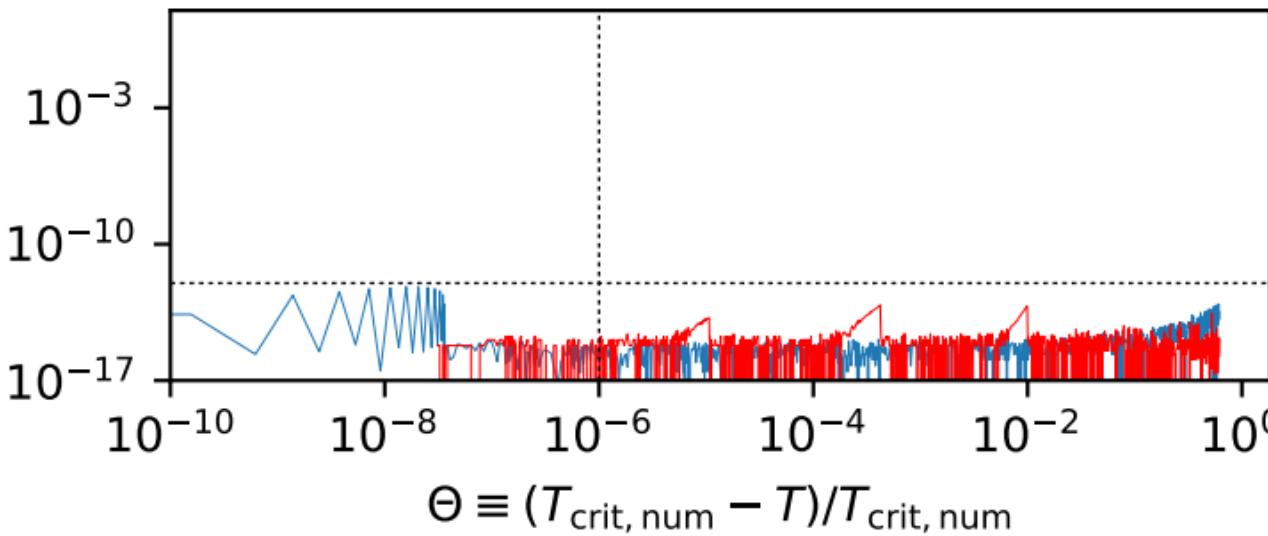


R32

$r_p$

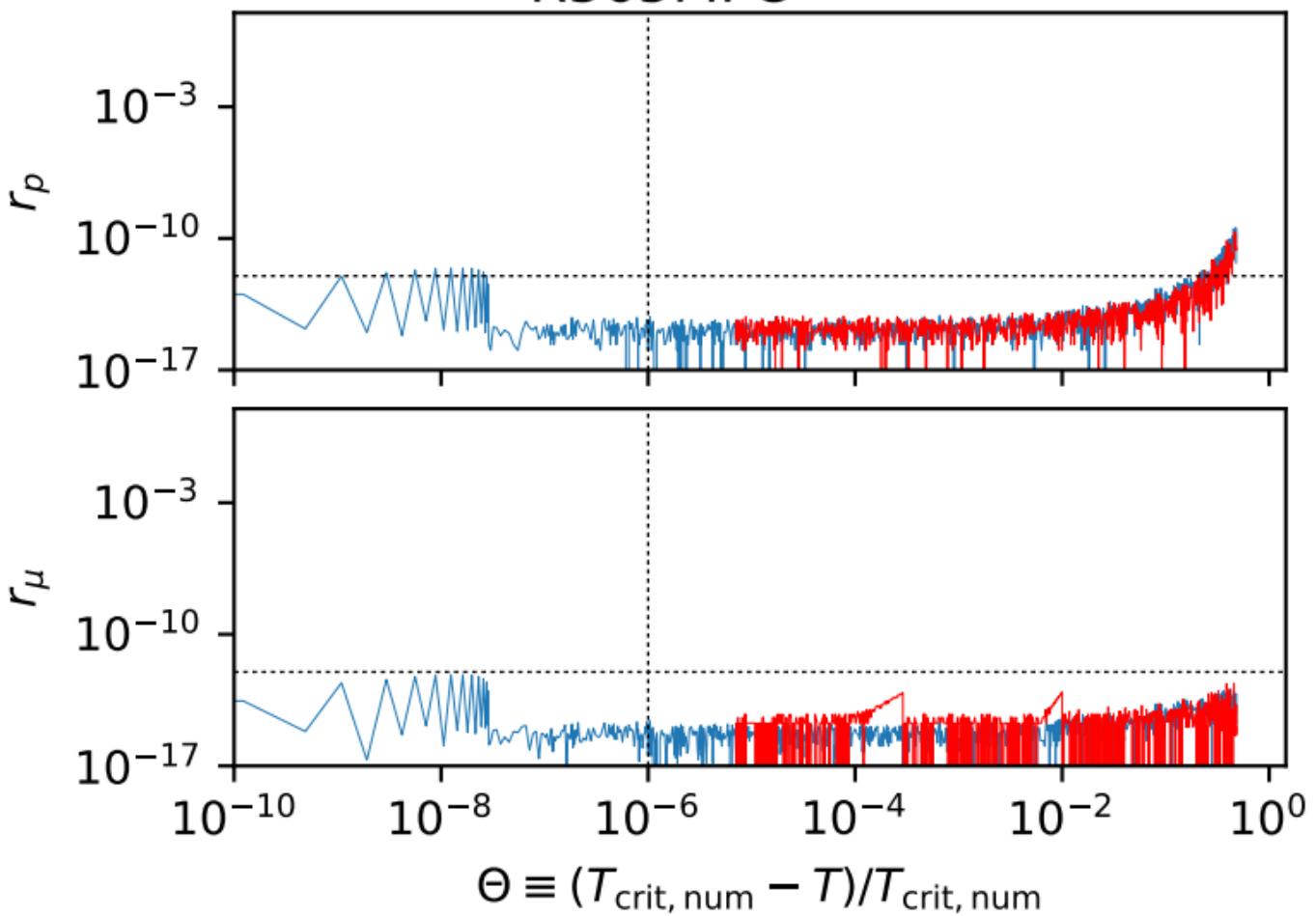


$r_\mu$



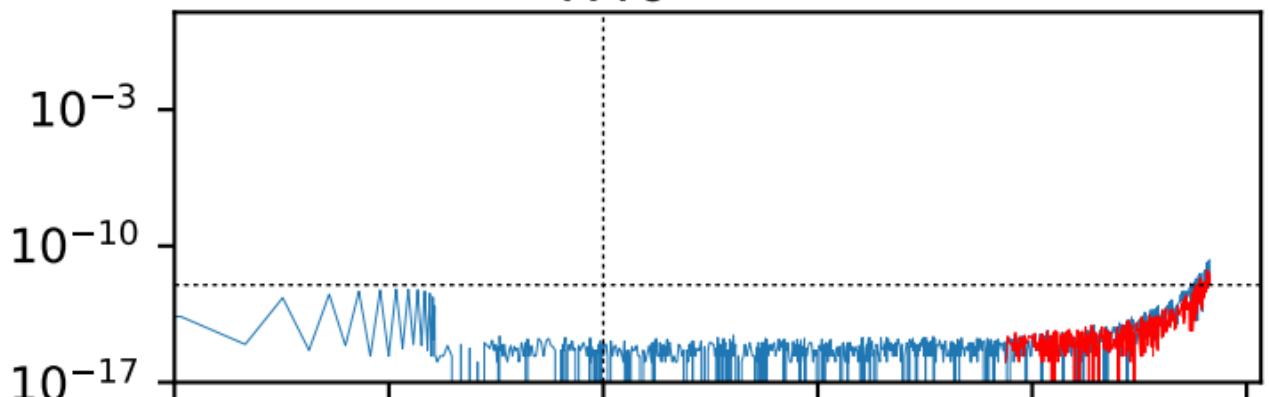
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# R365MFC

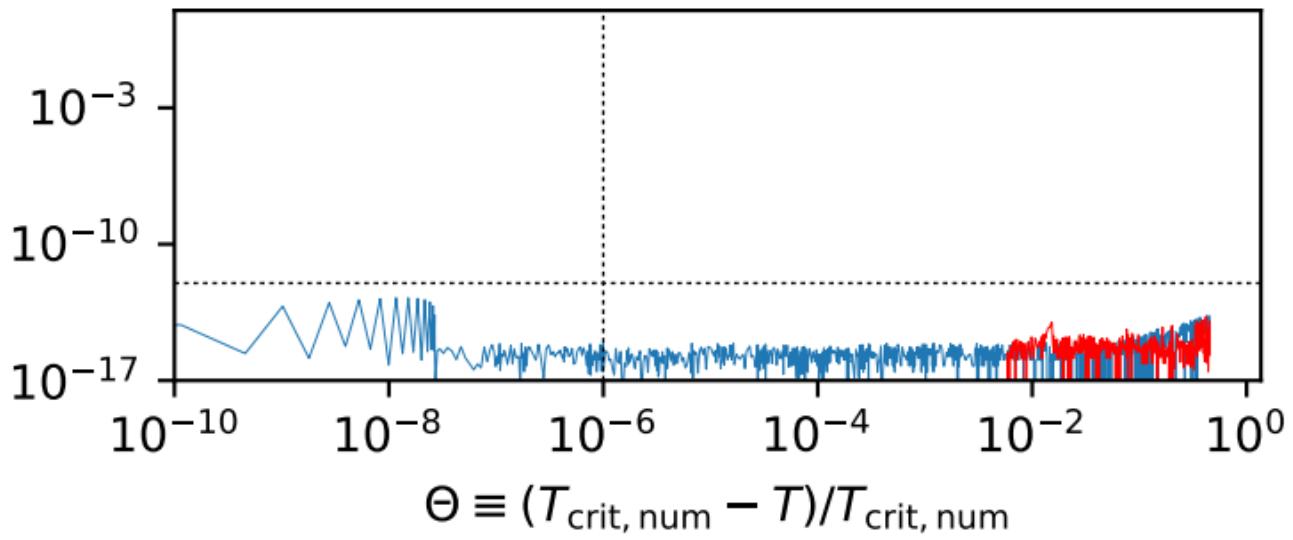


R40

$r_p$

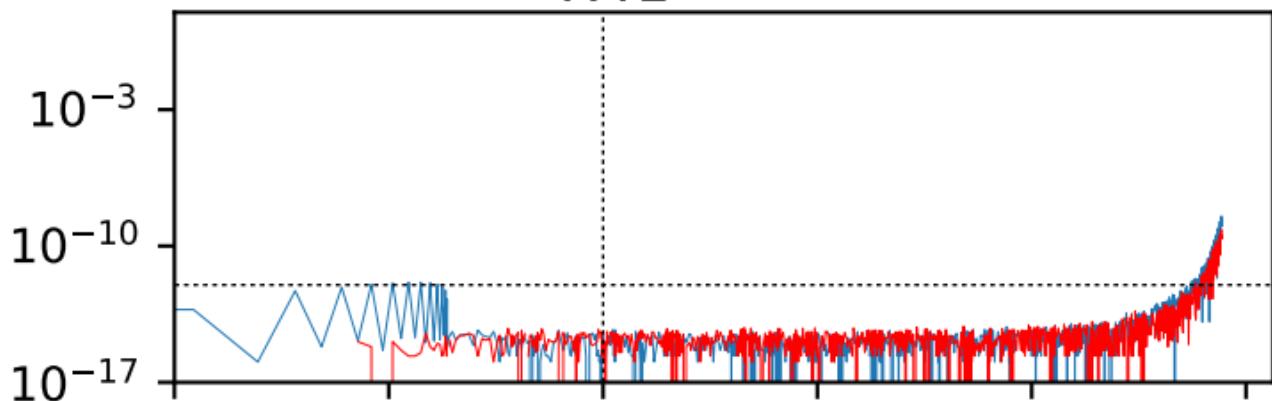


$r_\mu$

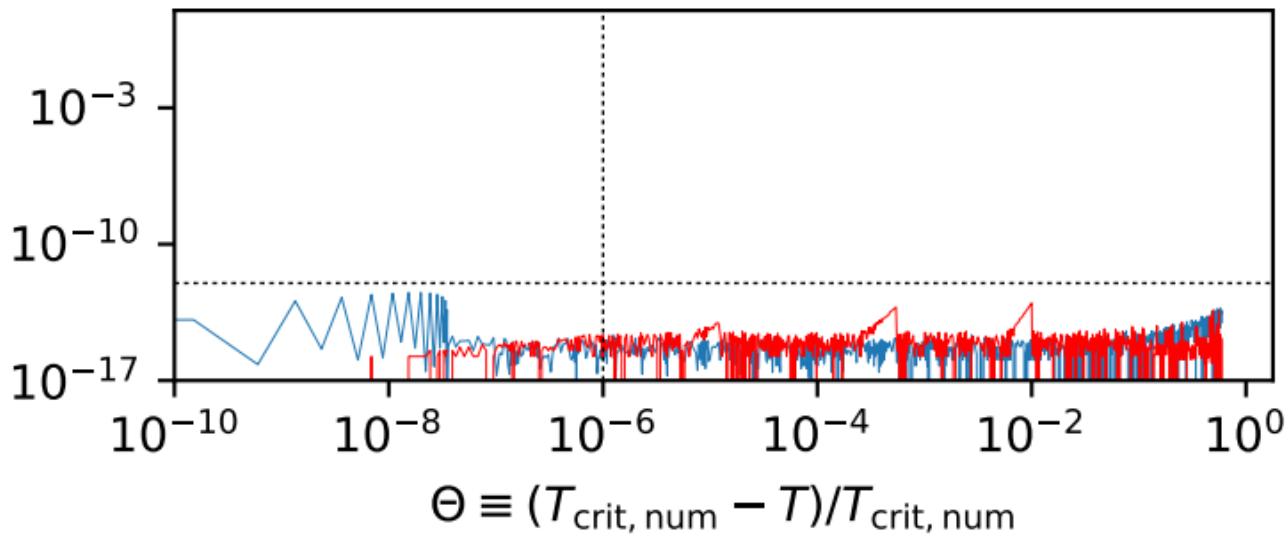


R41

$r_p$

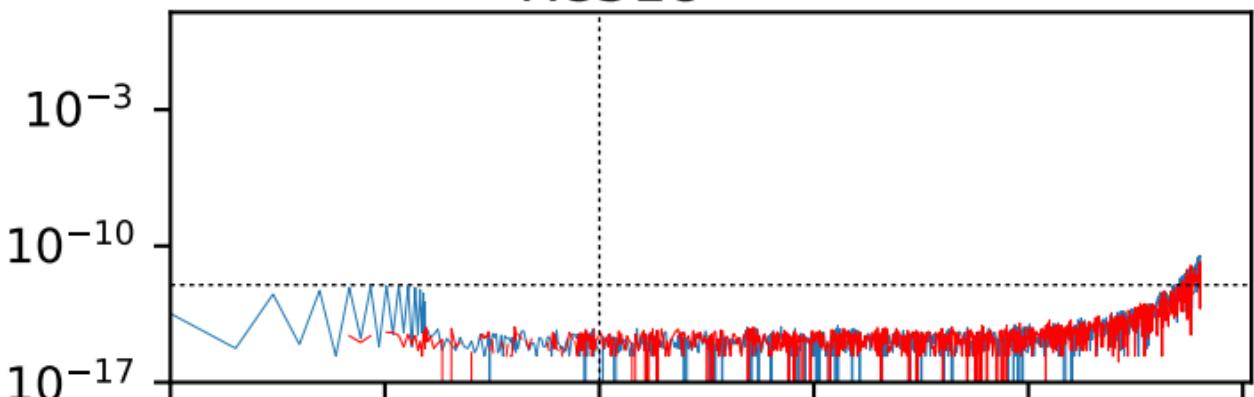


$r_\mu$

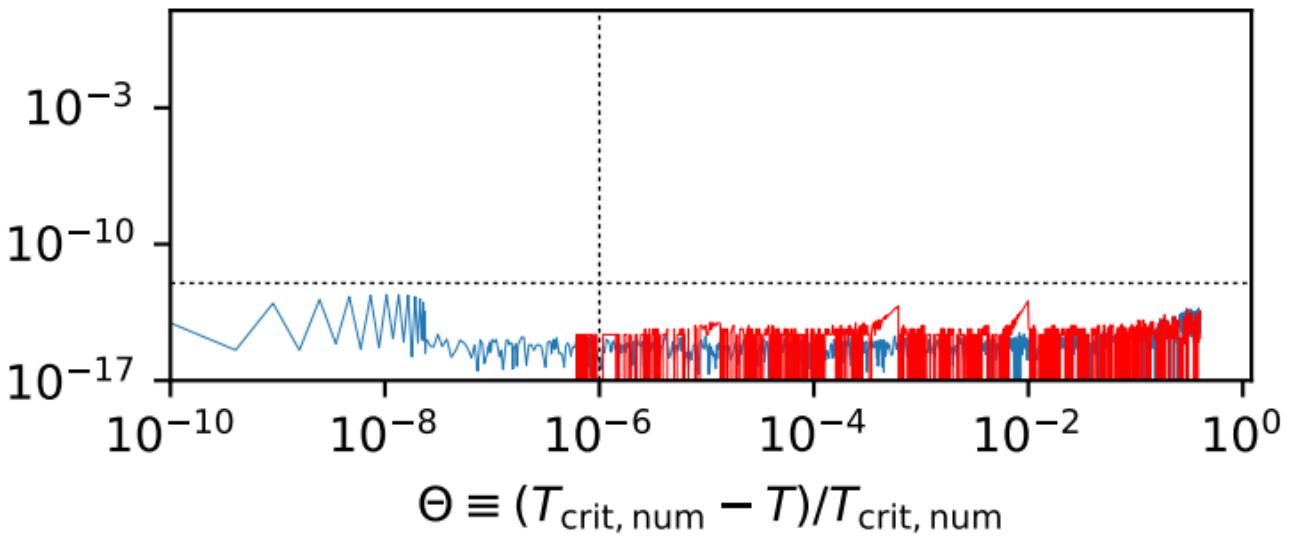


# RC318

$r_p$



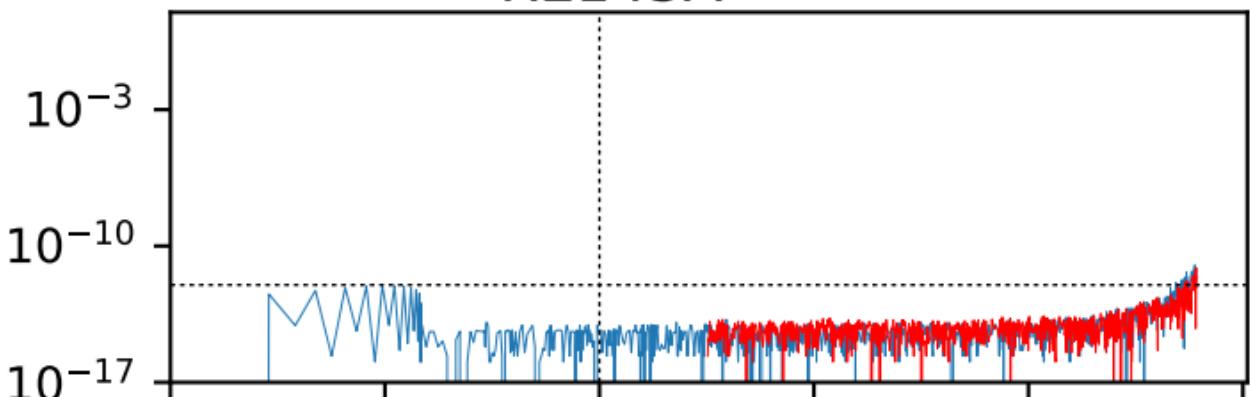
$r_\mu$



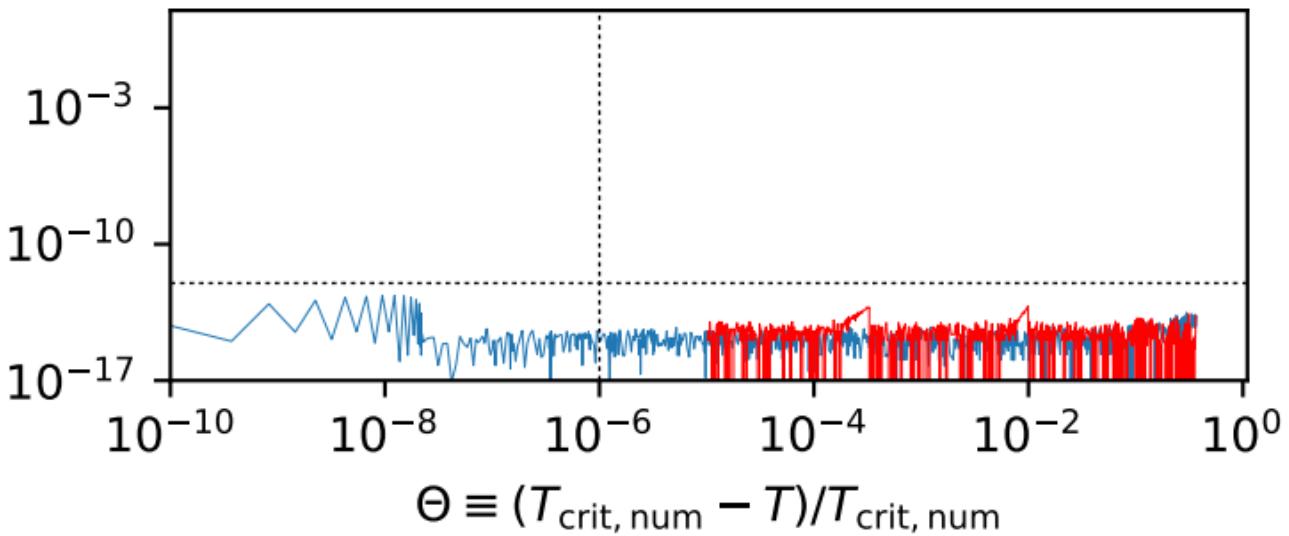
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# RE143A

$r_p$



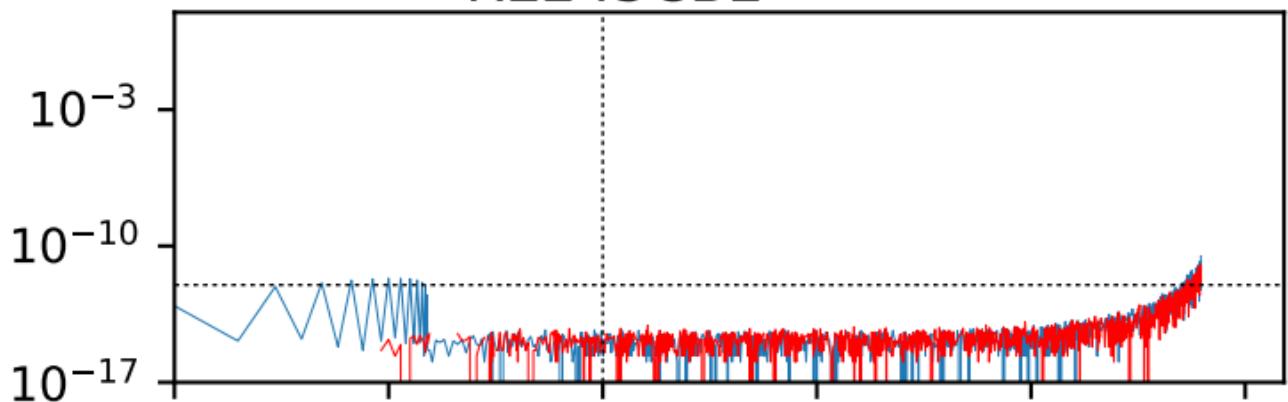
$r_\mu$



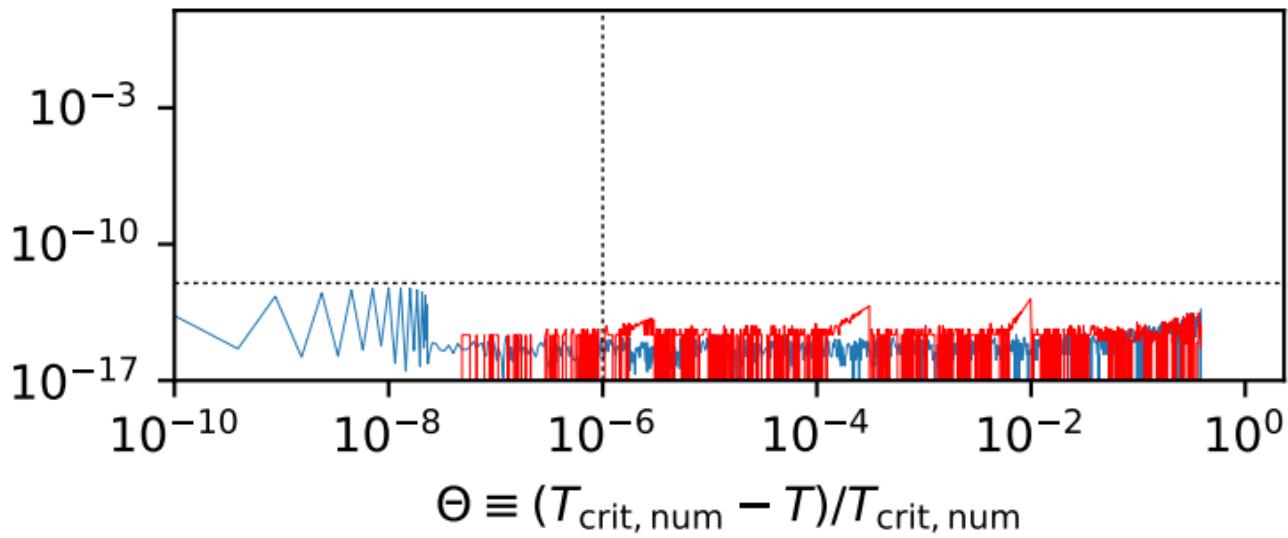
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# RE245CB2

$r_p$

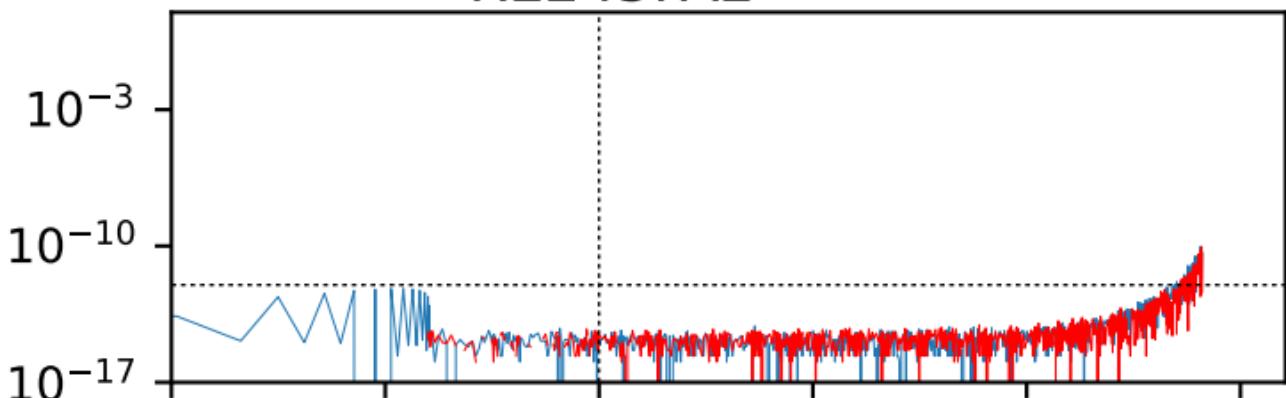


$r_\mu$

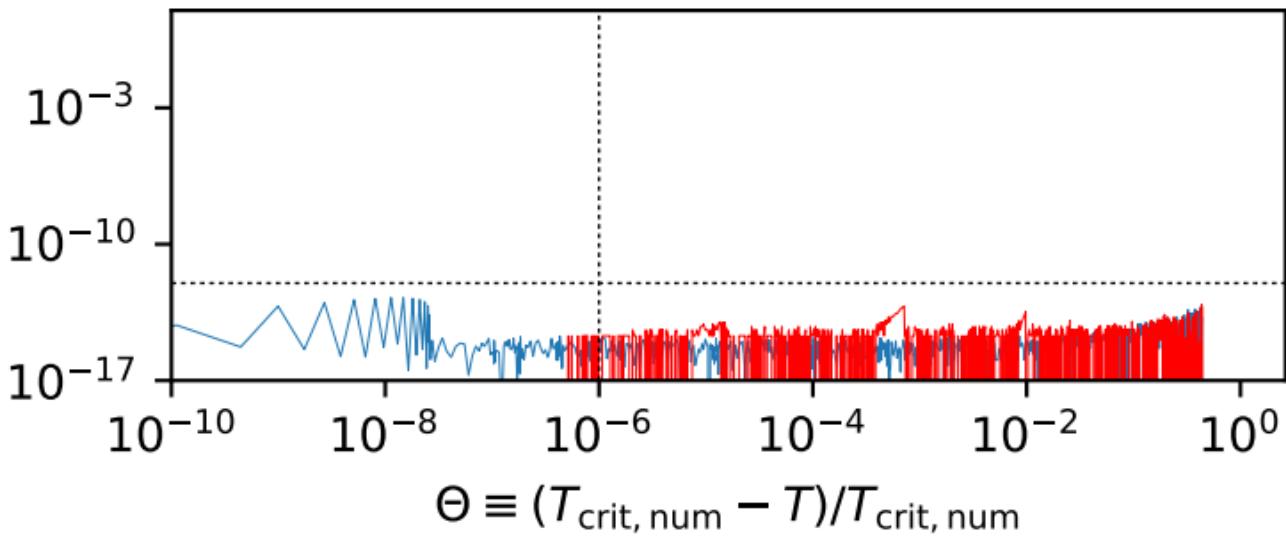


# RE245FA2

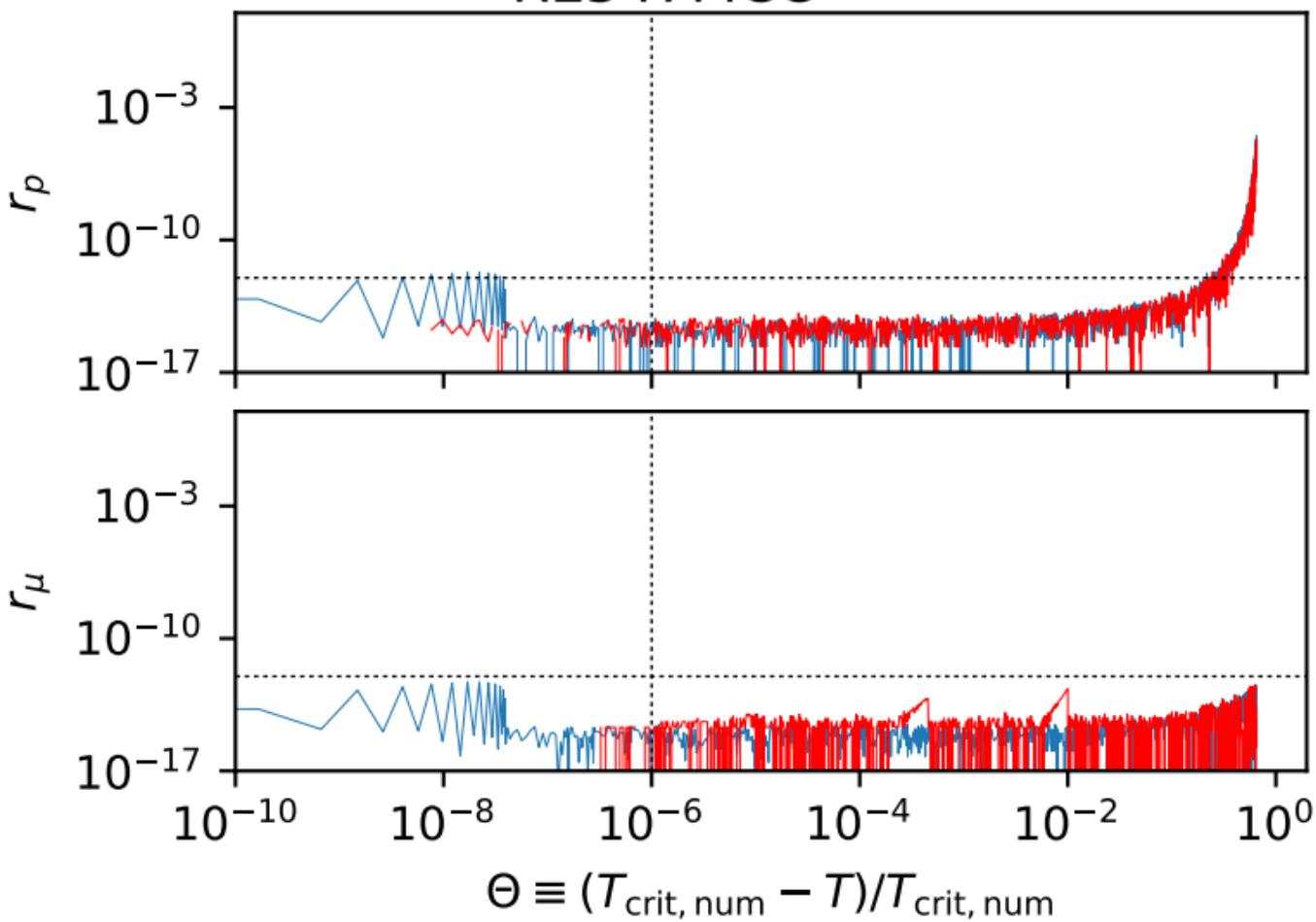
$r_p$



$r_\mu$

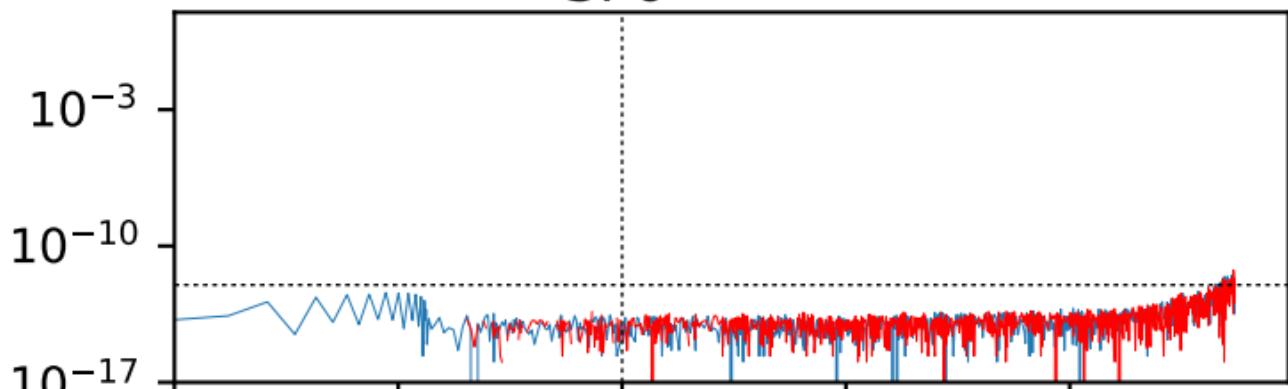


# RE347MCC

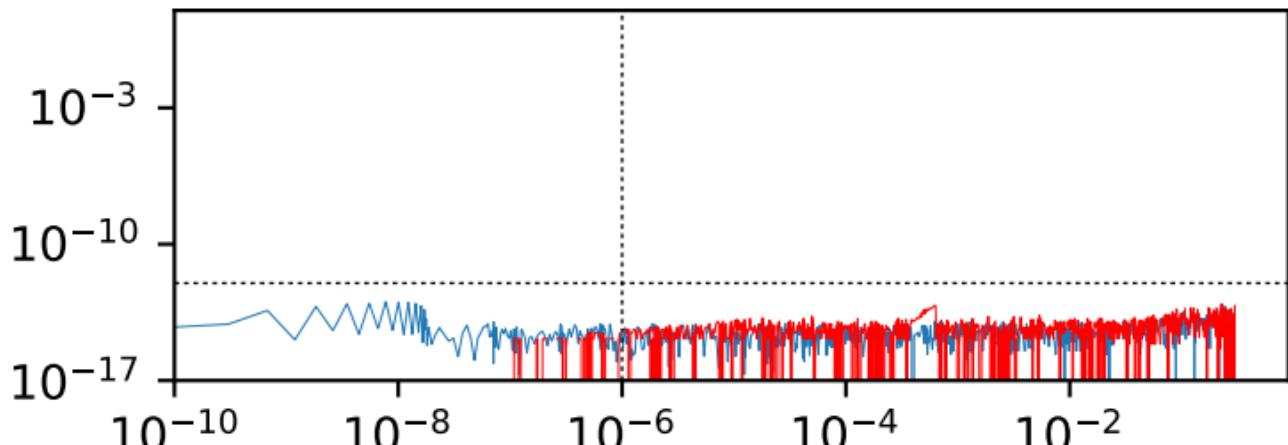


SF6

$r_p$



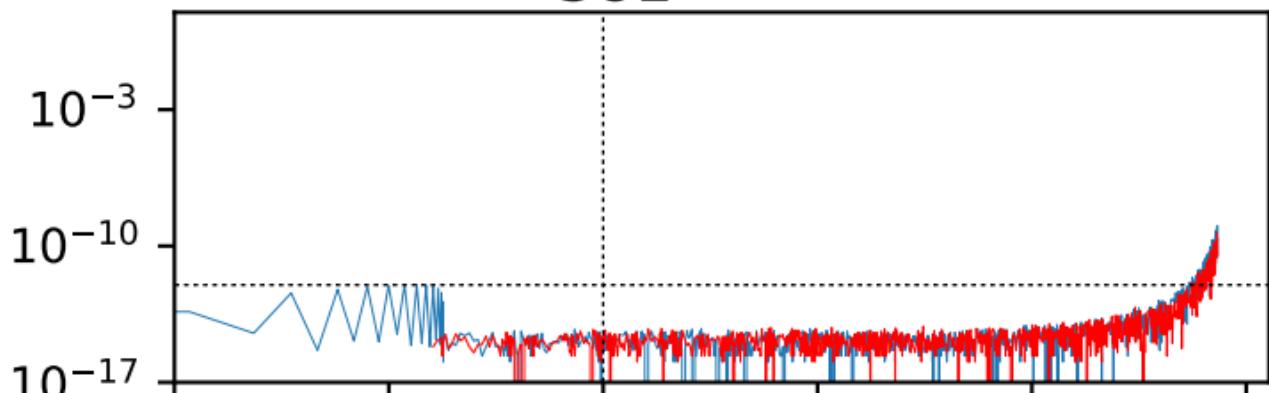
$r_\mu$



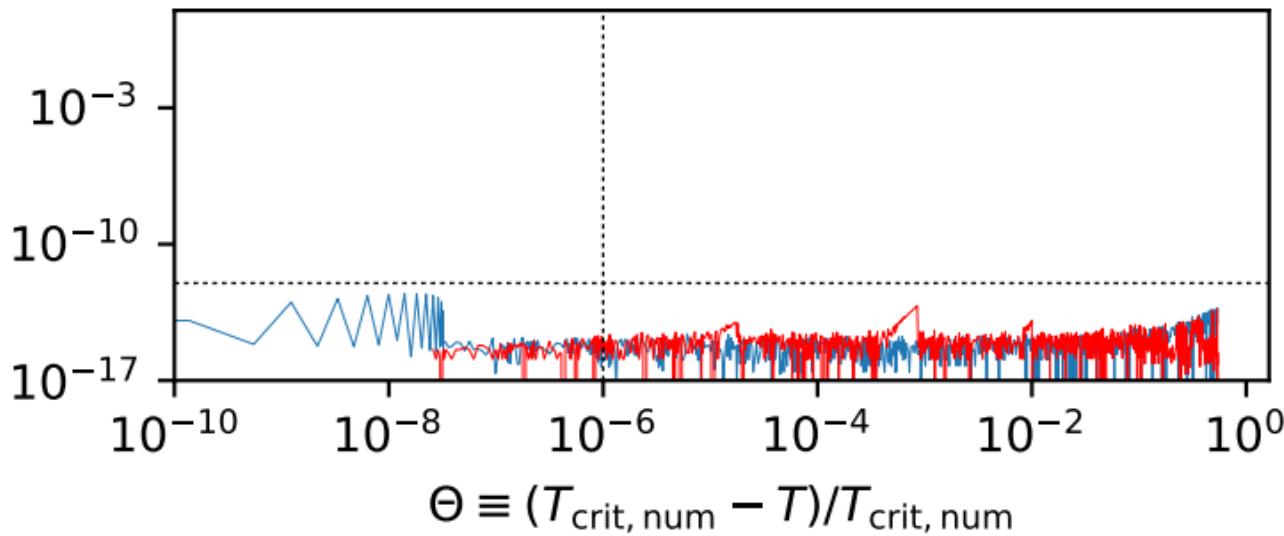
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

SO<sub>2</sub>

$r_p$

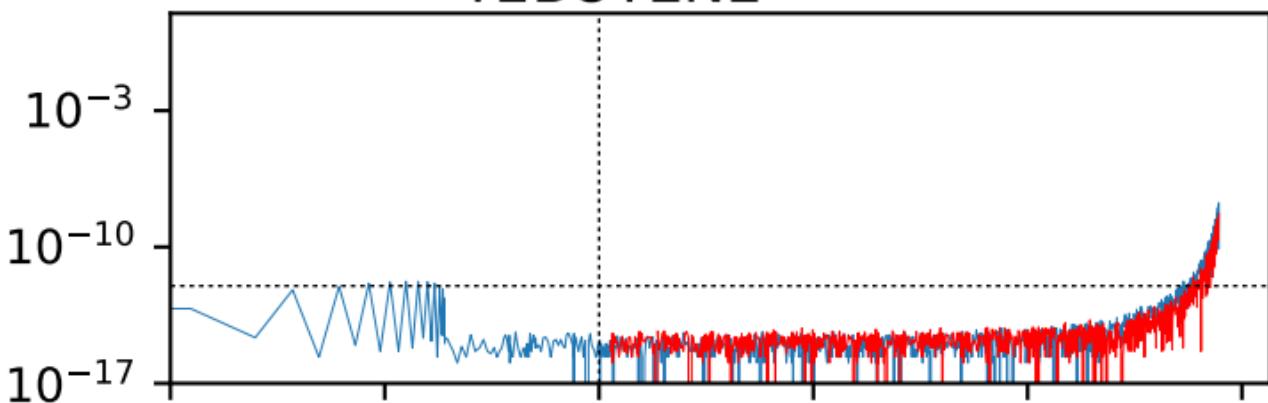


$r_\mu$

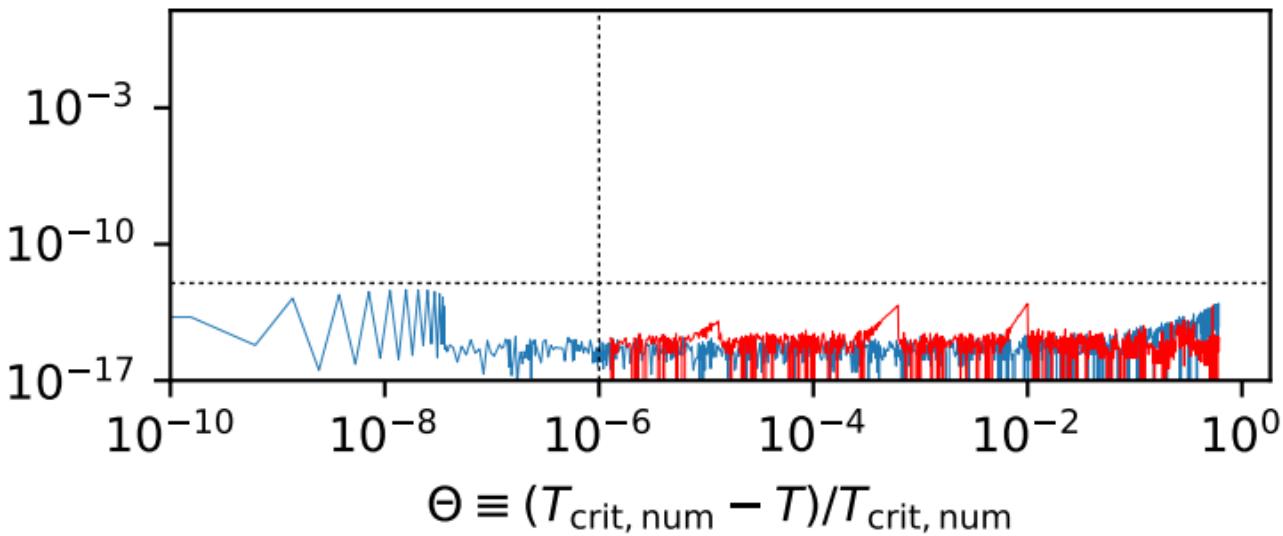


# T2BUTENE

$r_p$

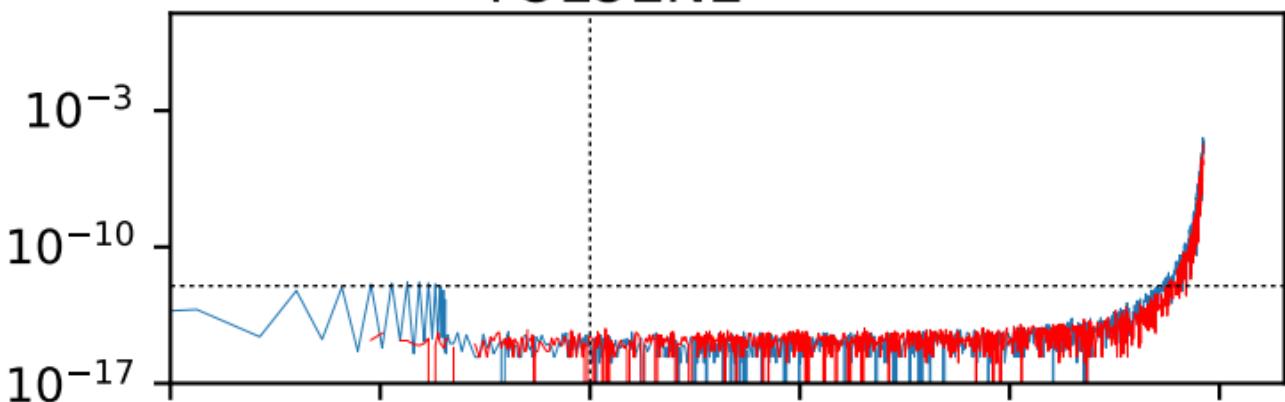


$r_\mu$

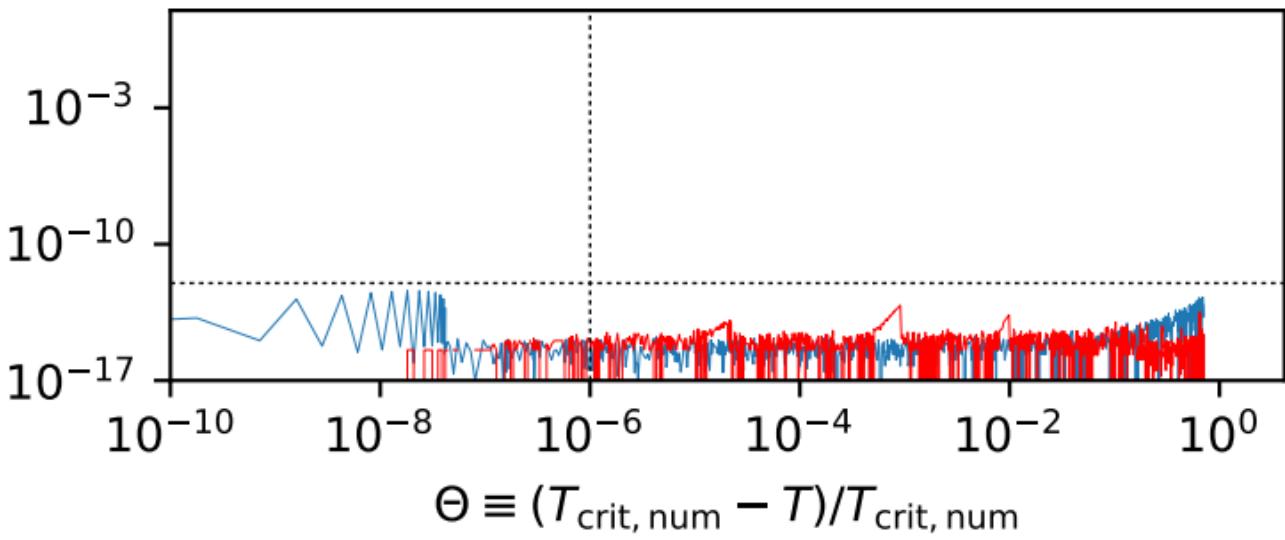


# TOLUENE

$r_p$

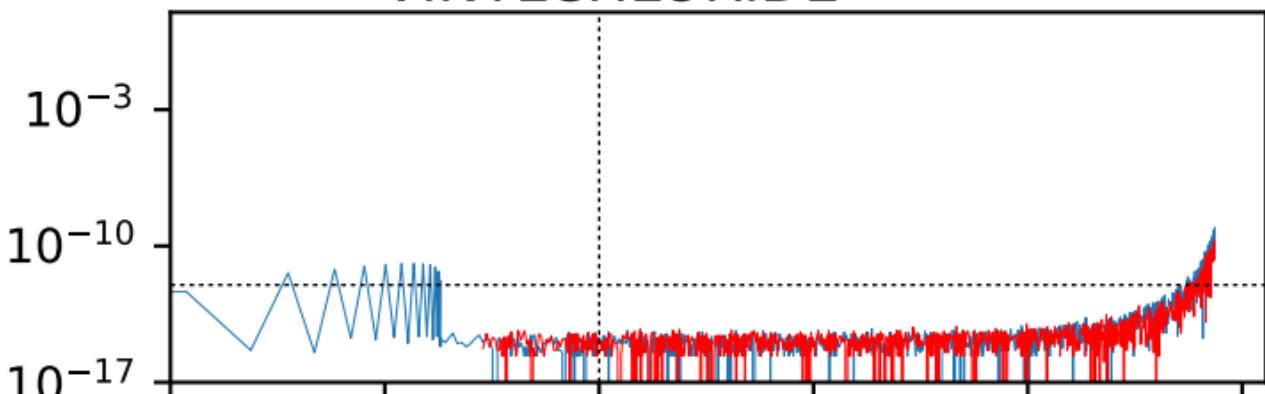


$r_\mu$

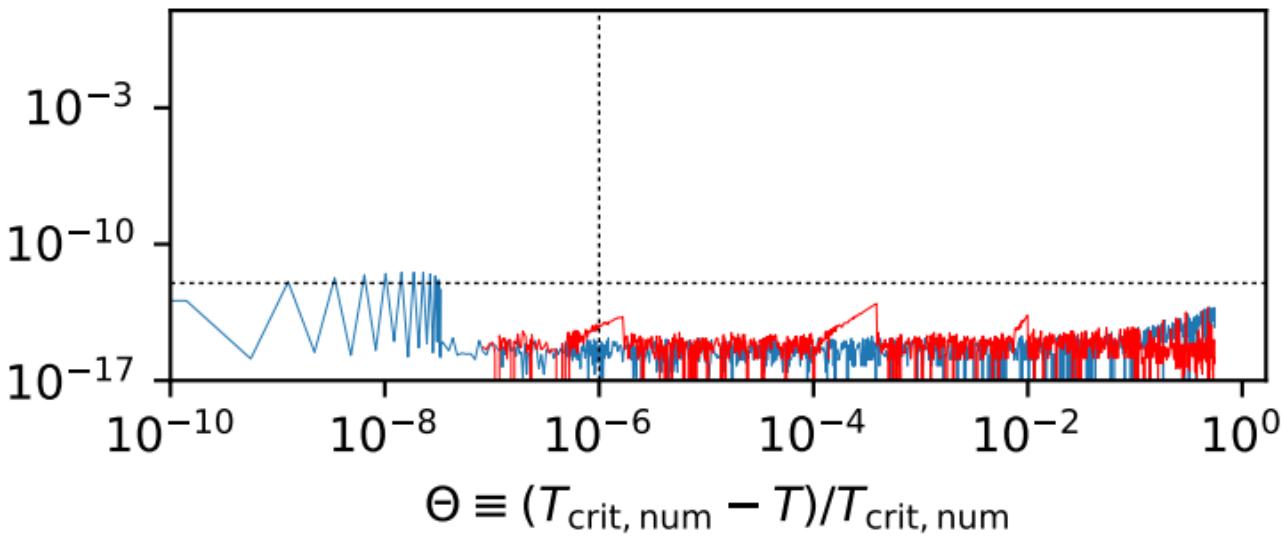


# VINYLCHLORIDE

$r_p$



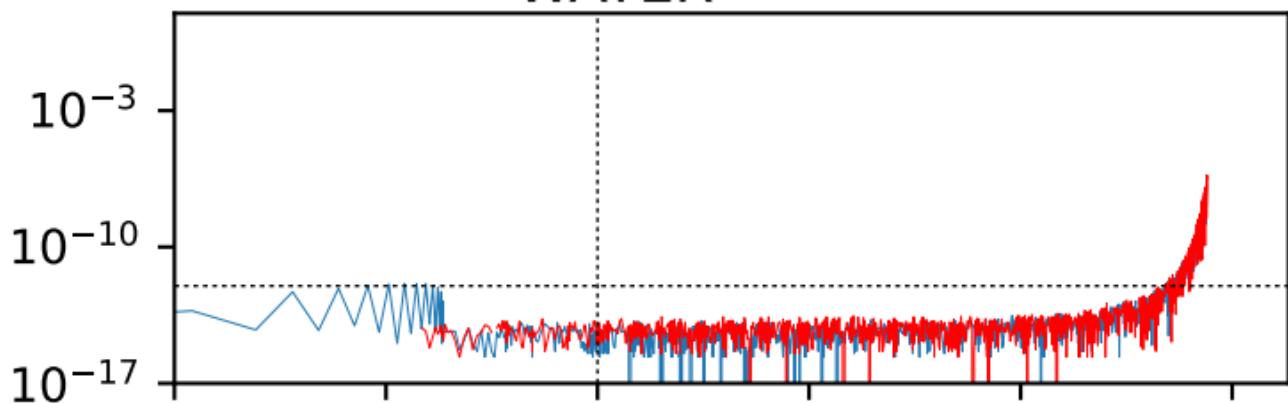
$r_\mu$



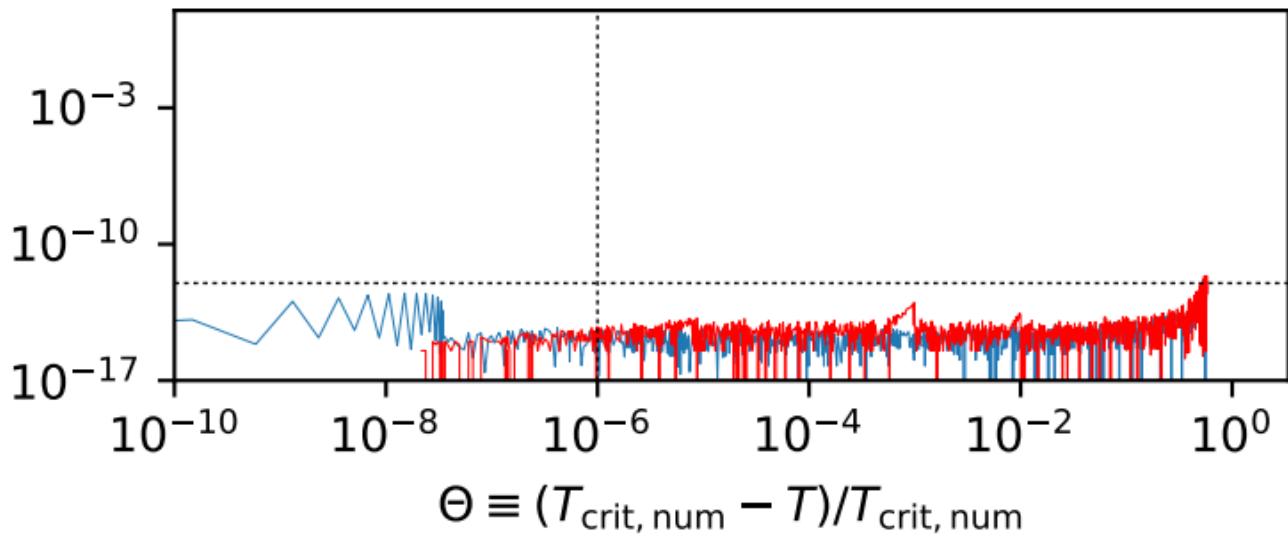
$$\Theta \equiv (T_{\text{crit, num}} - T)/T_{\text{crit, num}}$$

# WATER

$r_p$

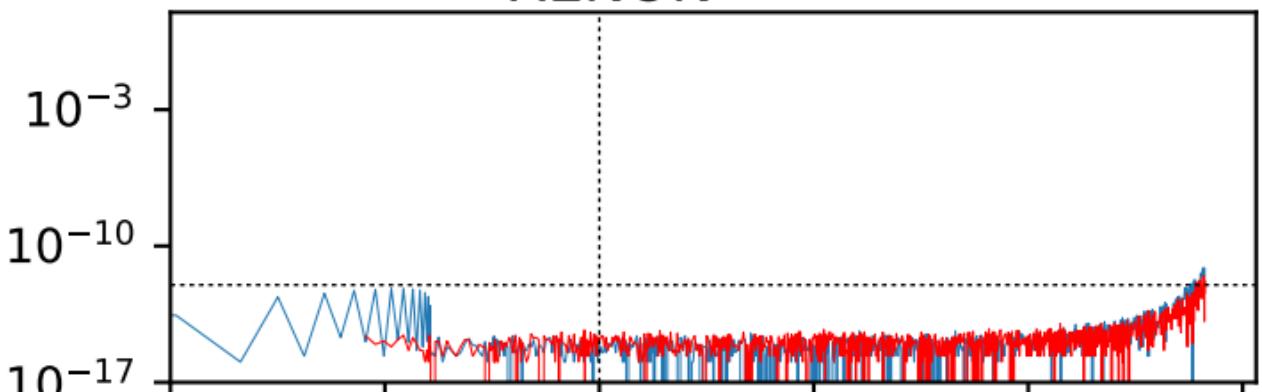


$r_\mu$



# XENON

$r_p$



$r_\mu$

