/mnt/c/Users/client/Desktop/tesi/tesi/Analysis/W14R12/source_analysis/Am241/
normal_cascode/20221006_172029_source_scan_interpreted.h5
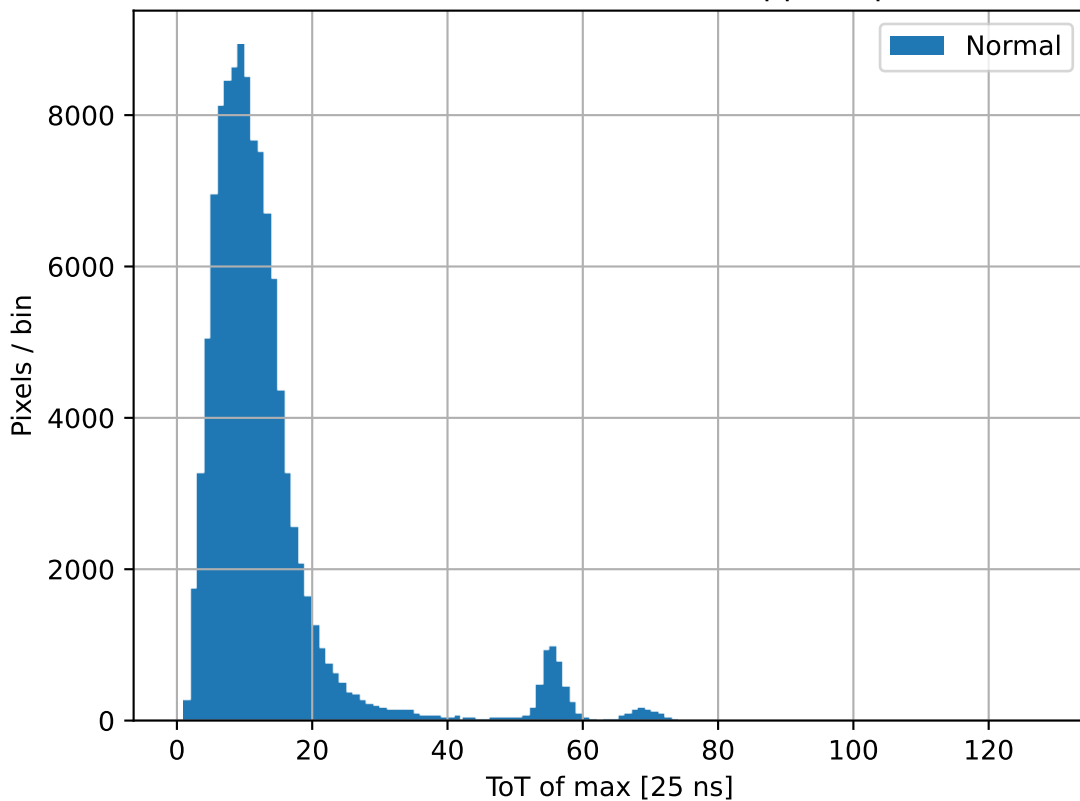Chip = W14R12
Script version = 13041b5

IBIAS = 50, ITHR = 64, ICASN = 0, IDB = 100, ITUNE = 53, VRESET = 143, VCASP = 93, VCASC = 228, VCLIP = 255, VL = 64, VH = 115, ICOMP = 80, IDEL = 88, IRAM = 50
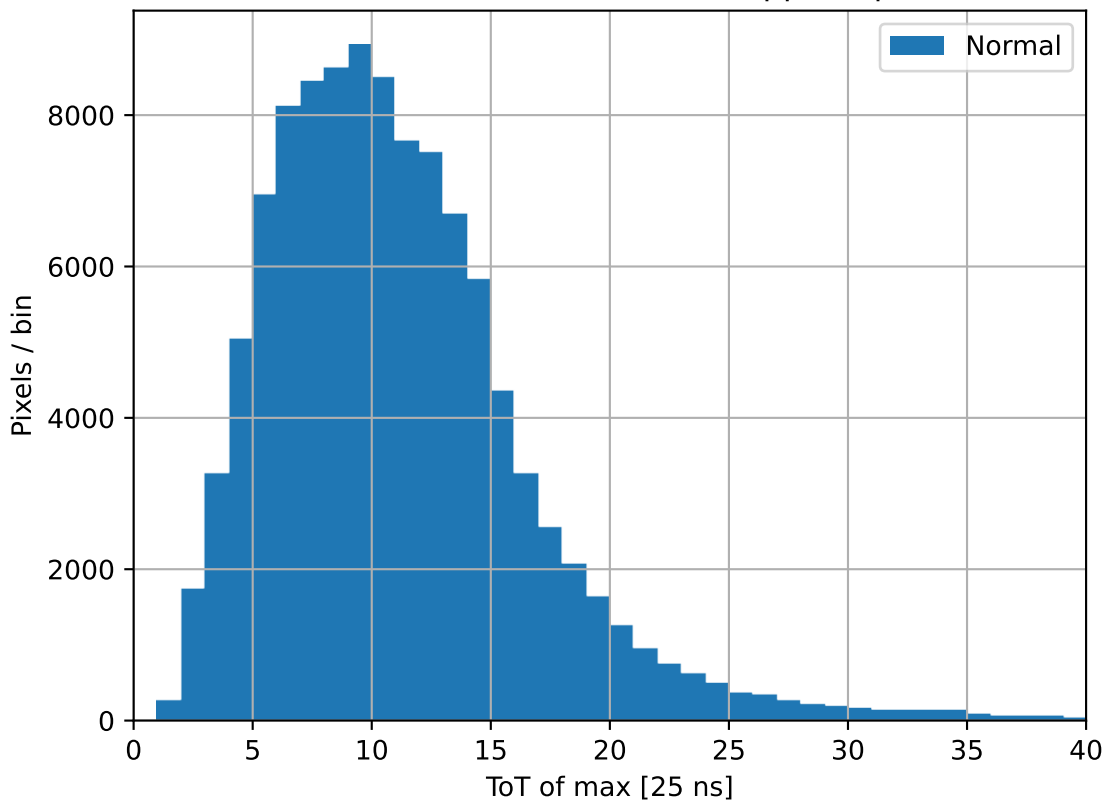
source_scan
start_column = 0, stop_column = 448, start_row = 0, stop_row = 512, scan_time = 2400
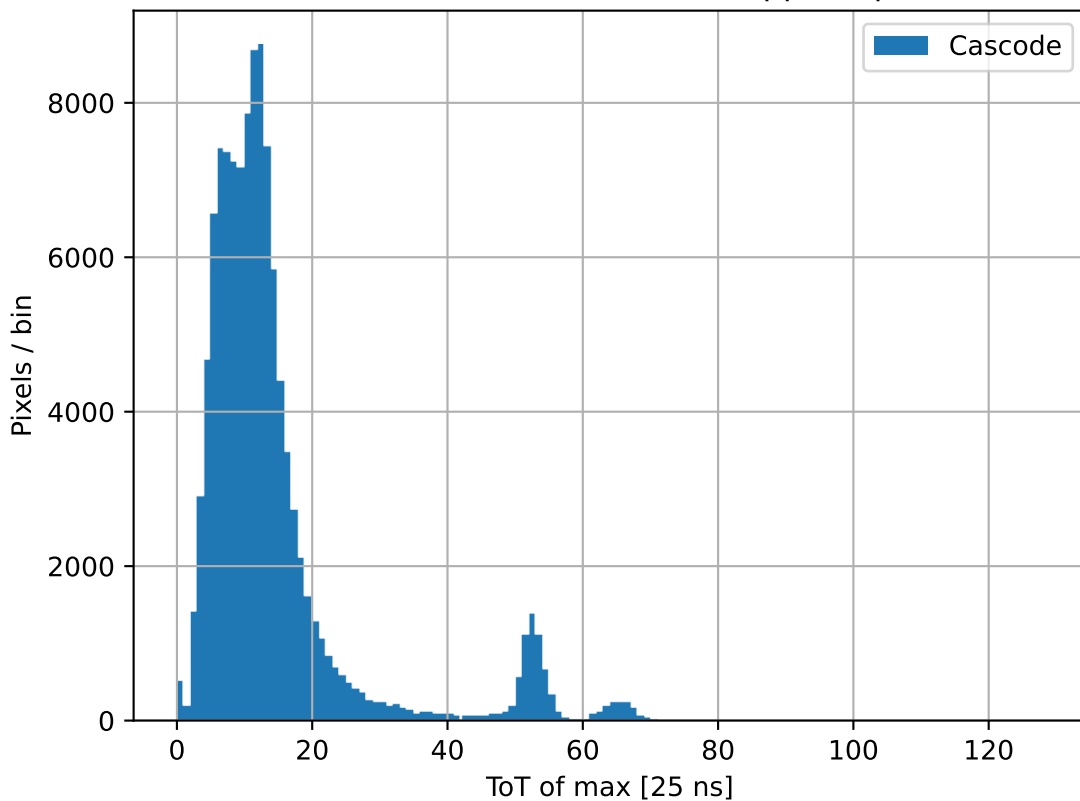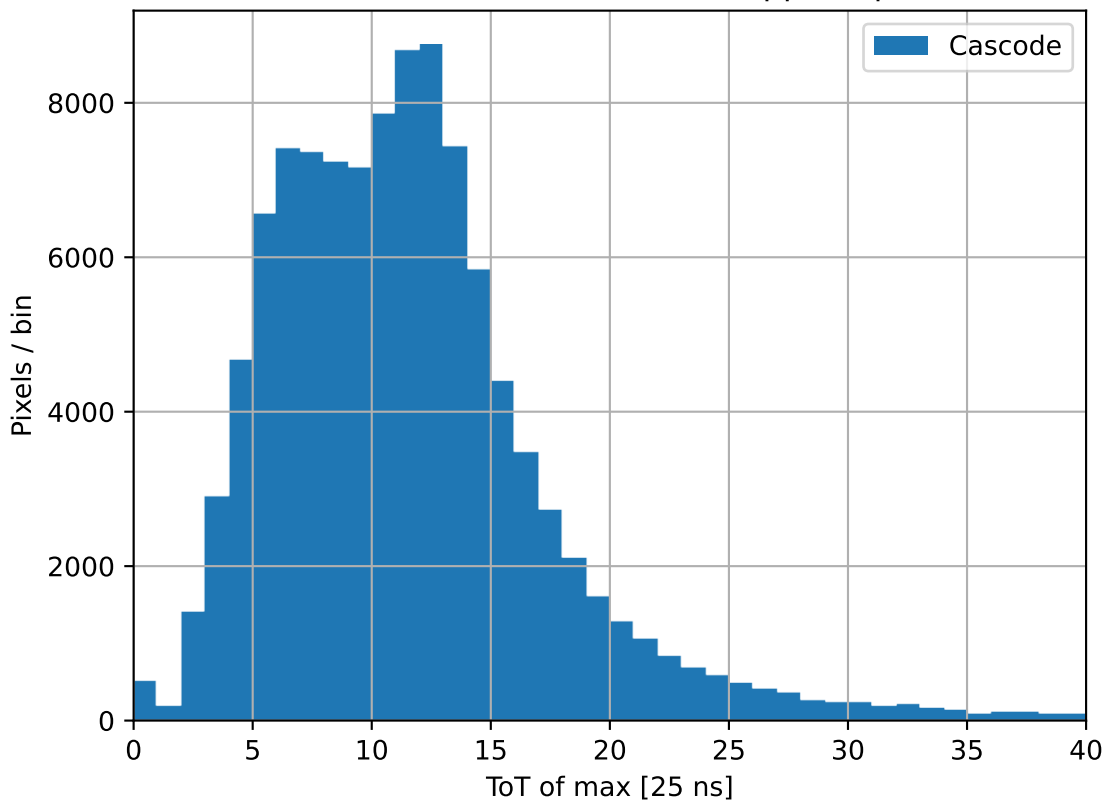
ToT bin with the most entries (approx. peak)

ToT bin with the most entries (approx. peak)

ToT bin with the most entries (approx. peak)

ToT bin with the most entries (approx. peak)

ToT bin with the most entries (approx. peak)

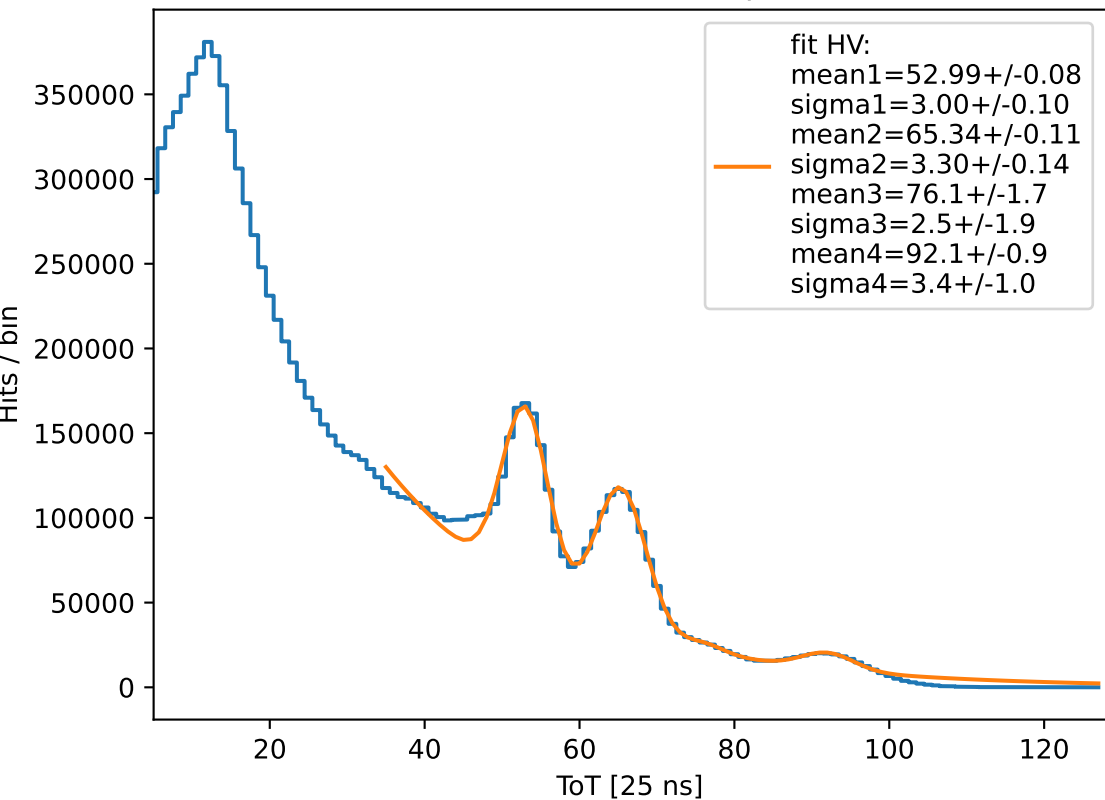ToT bin with the most entries (approx. peak)

Am241 fit

Normal & Cascode FE - Time of acquisition: 55 minutes

fit HV:
mean1=52.99+/-0.08
sigma1=3.00+/-0.10
mean2=65.34+/-0.11
sigma2=3.30+/-0.14
mean3=76.1+/-1.7
sigma3=2.5+/-1.9
mean4=92.1+/-0.9
sigma4=3.4+/-1.0

Am241 fit - Normal

Time of acquisition: 55 minutes

fit Normal:
mean1=54.65+/-0.08
sigma1=2.24+/-0.09
mean2=67.10+/-0.12
sigma2=2.89+/-0.14
mean3=78.0+/-2.0
sigma3=1.2+/-2.2
mean4=94.1+/-1.2
sigma4=2.8+/-1.3
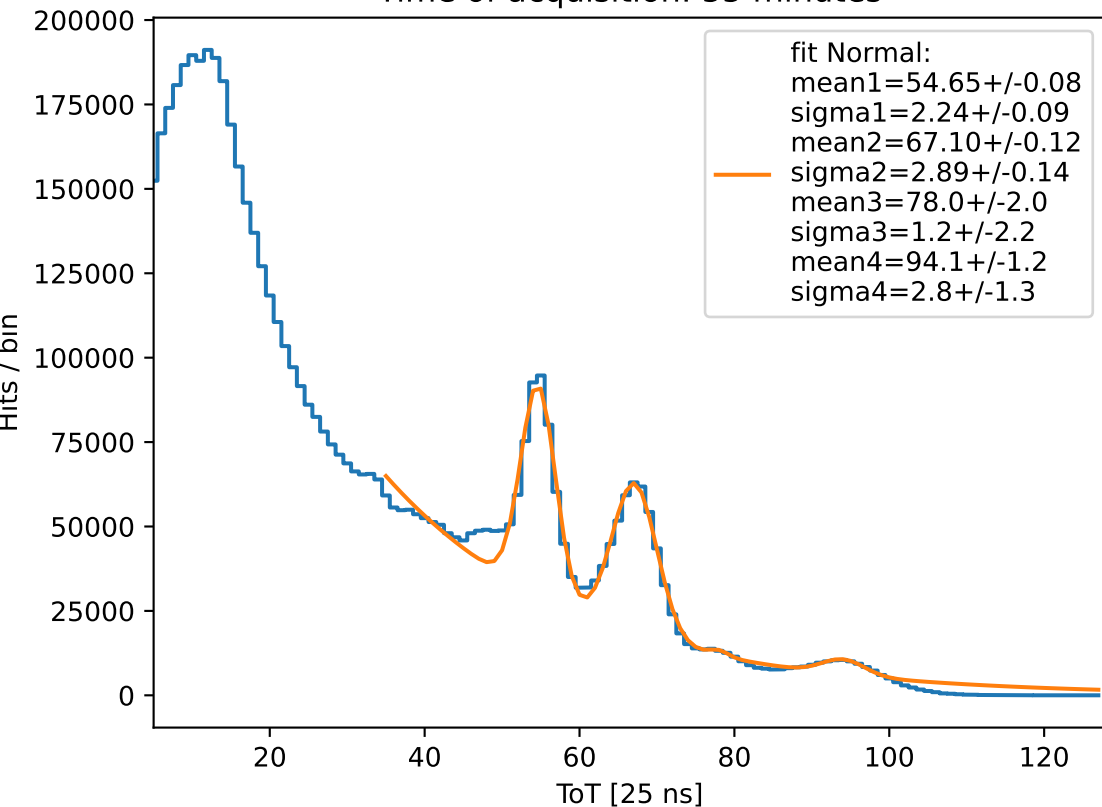
Am241 fit - Cascode

Time of acquisition: 55 minutes

fit Cascode:
mean1=51.89+/-0.07
sigma1=2.02+/-0.07
mean2=66.4+/-1.7
sigma2=3.62+/-0.31
mean3=67.9+/-0.9
sigma3=2.9+/-0.8
mean4=90.8+/-1.1
sigma4=2.7+/-1.2
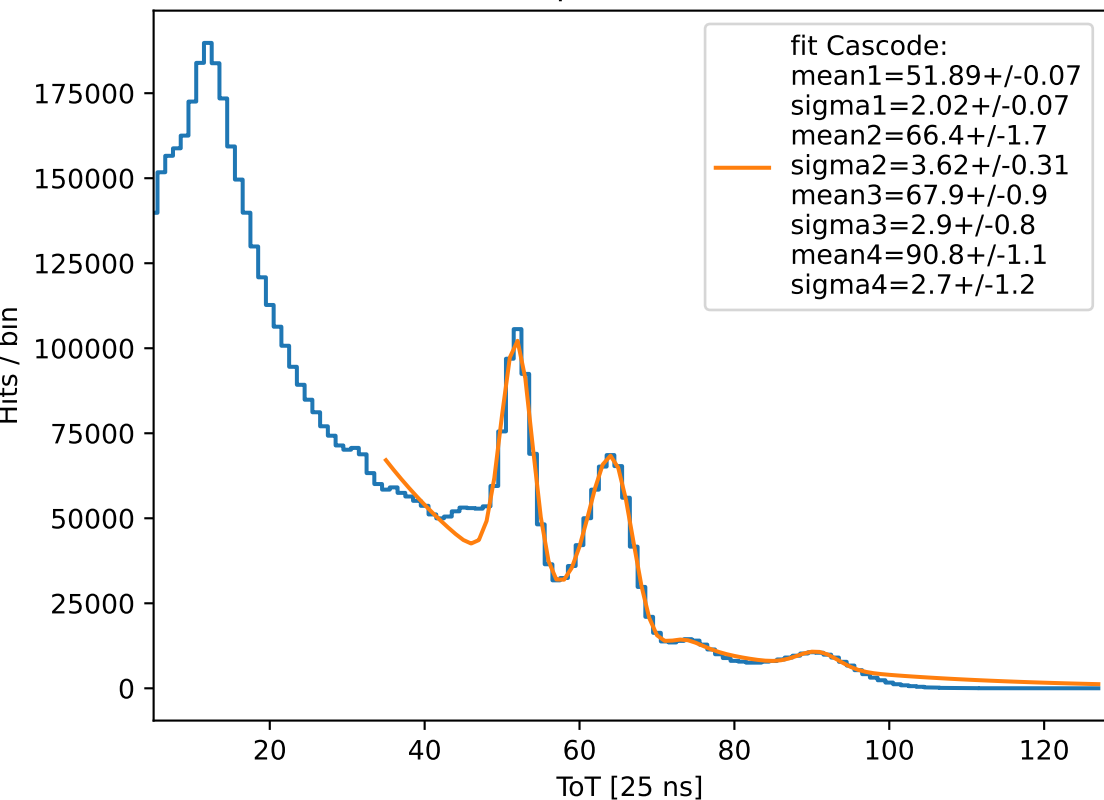
Am241 - Normal ((23, 316))

Time of acquisition: 55 minutes

fit Normal:
mean1=43.5+/-1.8
sigma1=2.9+/-3.4
mean2=(0.5+/-1.2)e+02
sigma2=(2+/-4)e+01
mean3=(7+/-6)e+01
sigma3=(1+/-5)e+01
mean4=(1.0+/-0.4)e+02
sigma4=(0+/-9)e+01
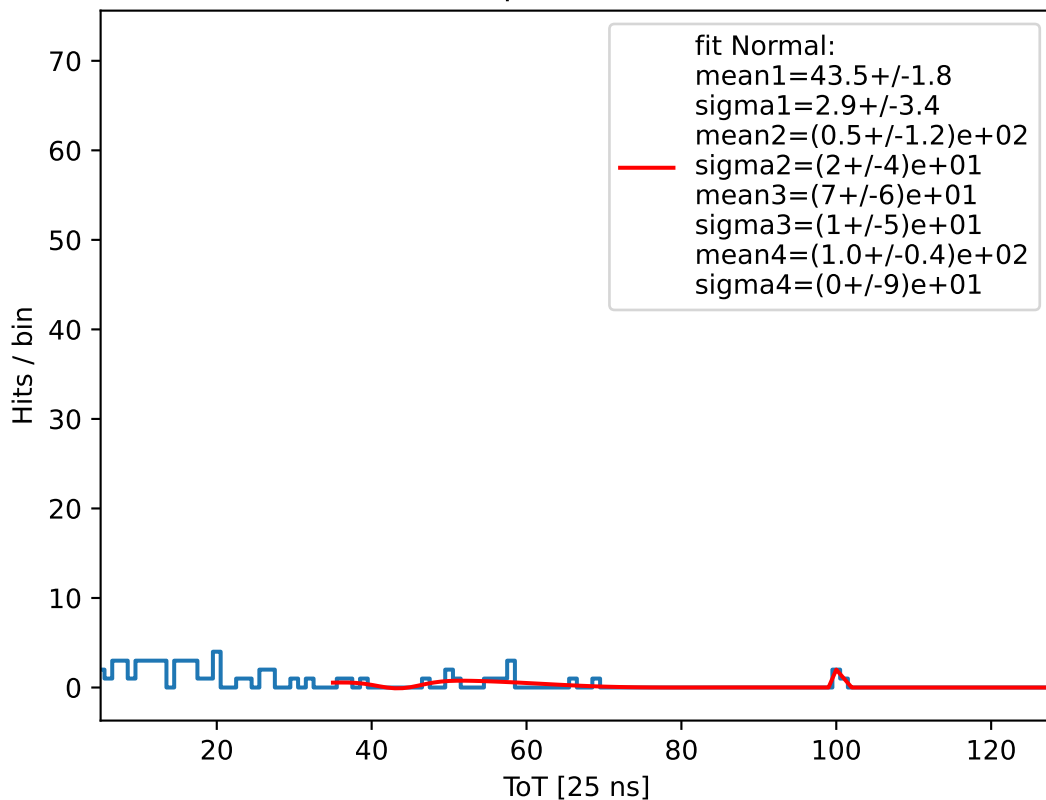
Am241 - Cascode ((251, 64))

Time of acquisition: 55 minutes

fit Cascode:
mean1=47.494+/-nan
sigma1=0.21+/-nan
mean2=52.78+/-0.34
sigma2=2.85+/-nan
mean3=(0+/-9)e+06
sigma3=(0.0+/-1.5)e+06
mean4=90.5+/-0.9
sigma4=3.3+/-0.9
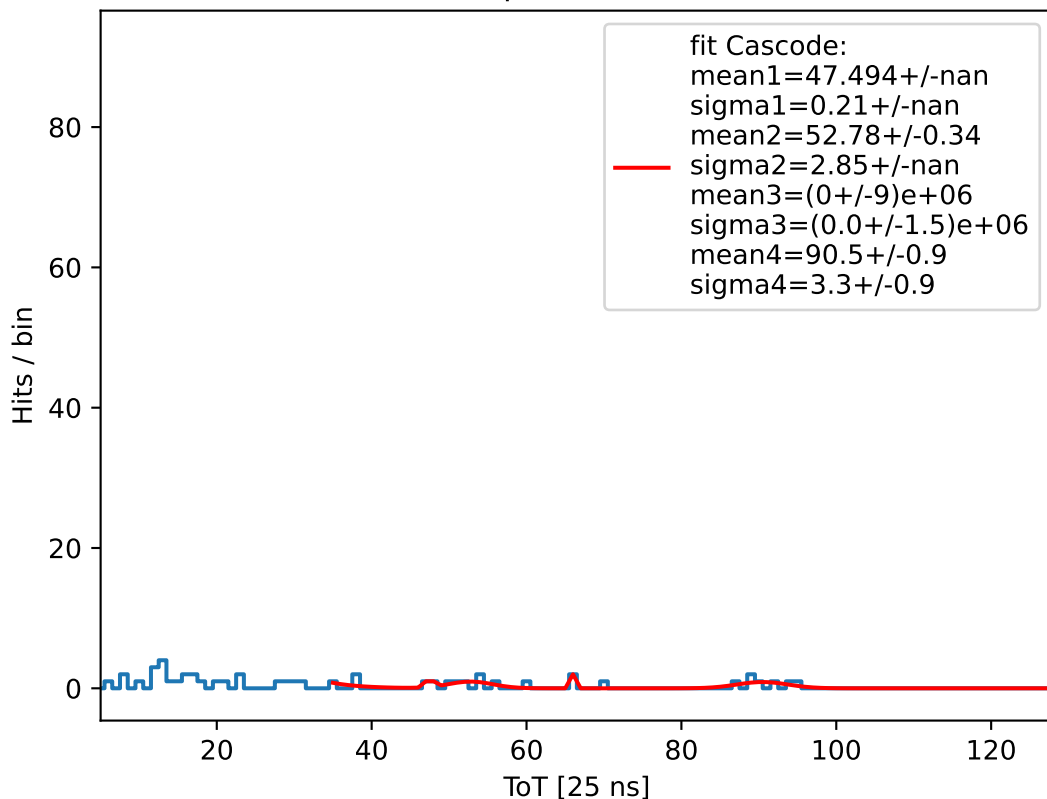
Am241 - Cascode ((260, 62))

Time of acquisition: 55 minutes

fit Cascode:
mean1=53.7+/-0.4
sigma1=2.4+/-0.5
mean2=62.2+/-0.8
sigma2=2.1+/-0.9
mean3=79+/-7
sigma3=8+/-8
mean4=(0.0+/-1.3)e+07
sigma4=(0.0+/-1.8)e+06
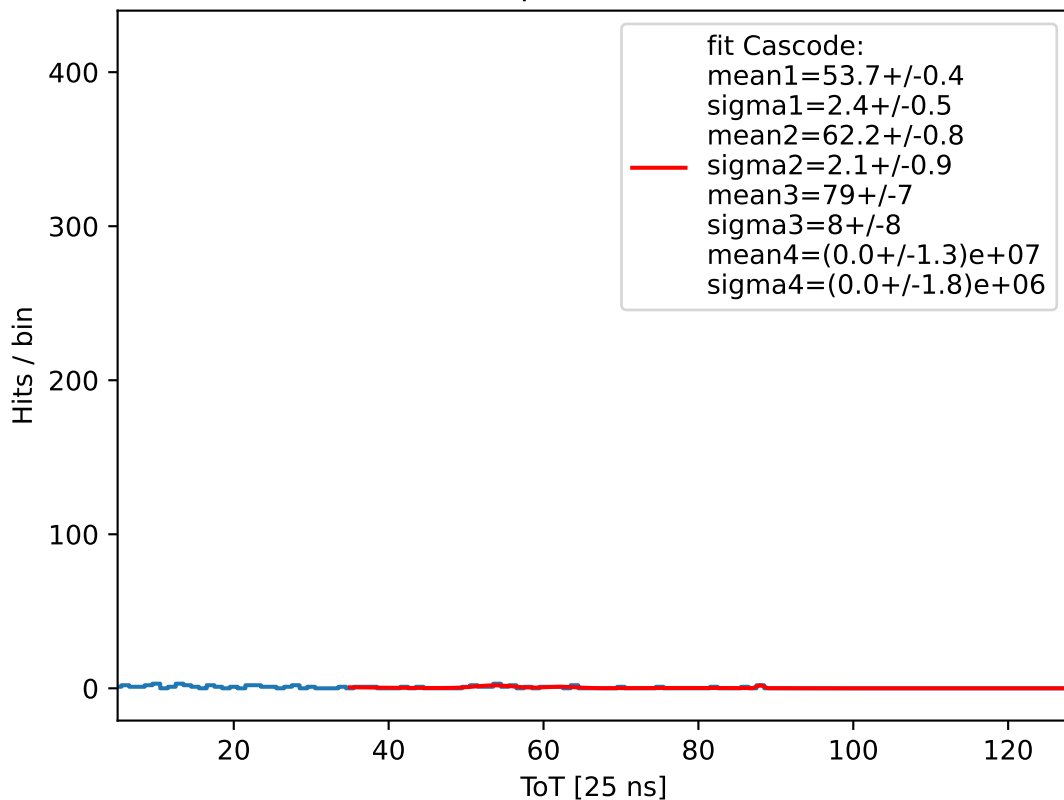
Am241 - Cascode ((260, 172))

Time of acquisition: 55 minutes

fit Cascode:
mean1=47.86+/-0.30
sigma1=2.0+/-0.5
mean2=(0.6+/-2.3)e+02
sigma2=(0.1+/-1.8)e+02
mean3=76.9+/-1.8
sigma3=0.4+/-0.8
mean4=(0.6+/-2.4)e+02
sigma4=(0.1+/-1.8)e+02
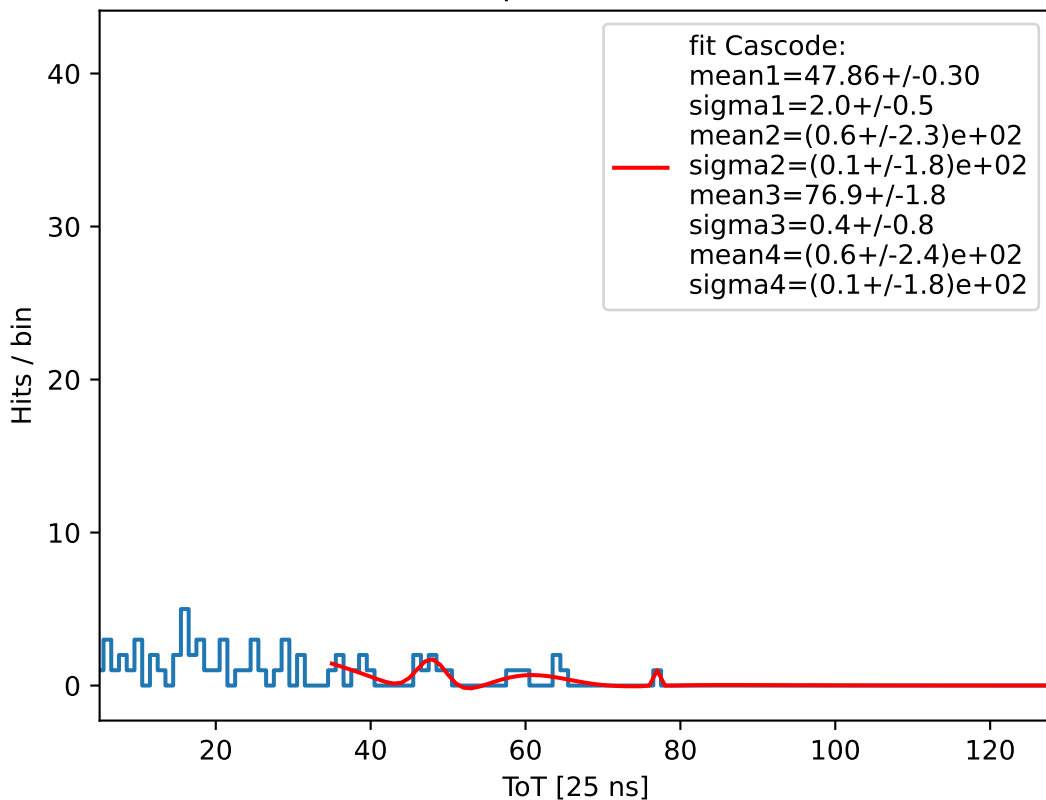
Am241 - Cascode ((269, 143))

Time of acquisition: 55 minutes

fit Cascode:
mean1=51+/-25
sigma1=(0+/-9)e+01
mean2=61.34+/-0.26
sigma2=1.76+/-0.23
mean3=60.91+/-0.14
sigma3=1.19+/-0.23
mean4=51+/-26
sigma4=(0+/-9)e+01
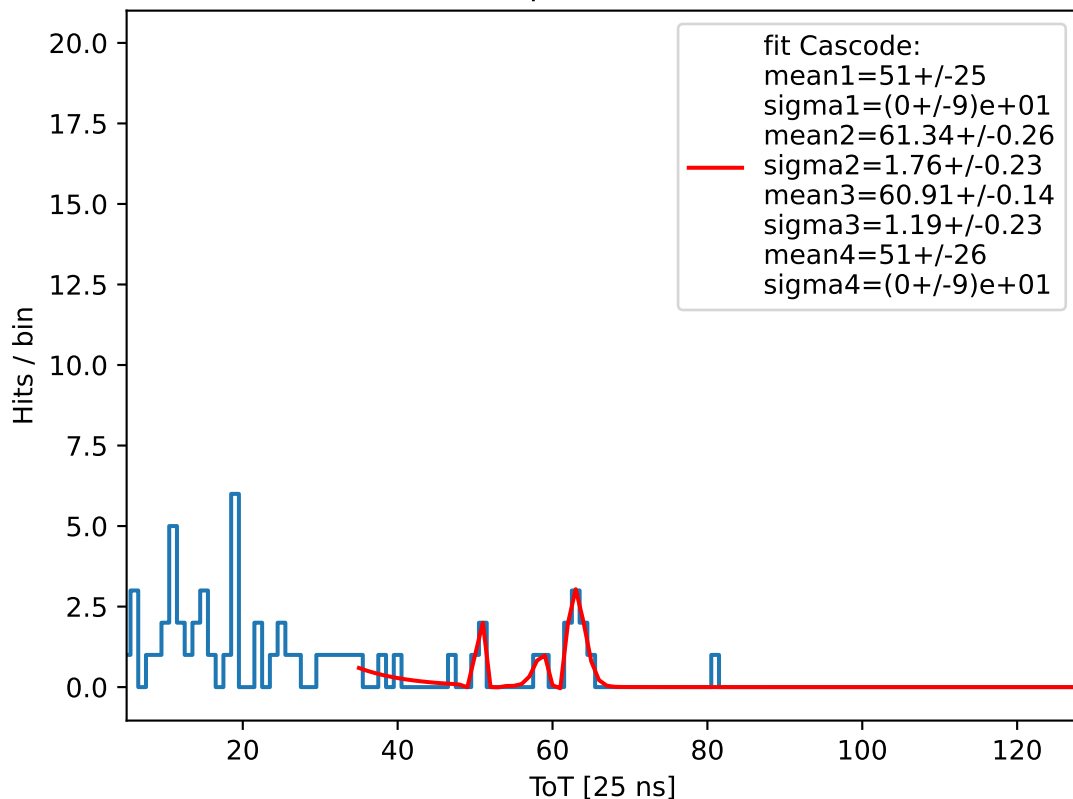
Am241 - Cascode ((288, 310))

Time of acquisition: 55 minutes

fit Cascode:
mean1=47.6+/-1.7
sigma1=4.8+/-2.6
mean2=(0.1+/-2.7)e+03
sigma2=(0+/-8)e+02
mean3=61+/-4
sigma3=3+/-4
mean4=84.5+/-2.0
sigma4=2.1+/-2.0
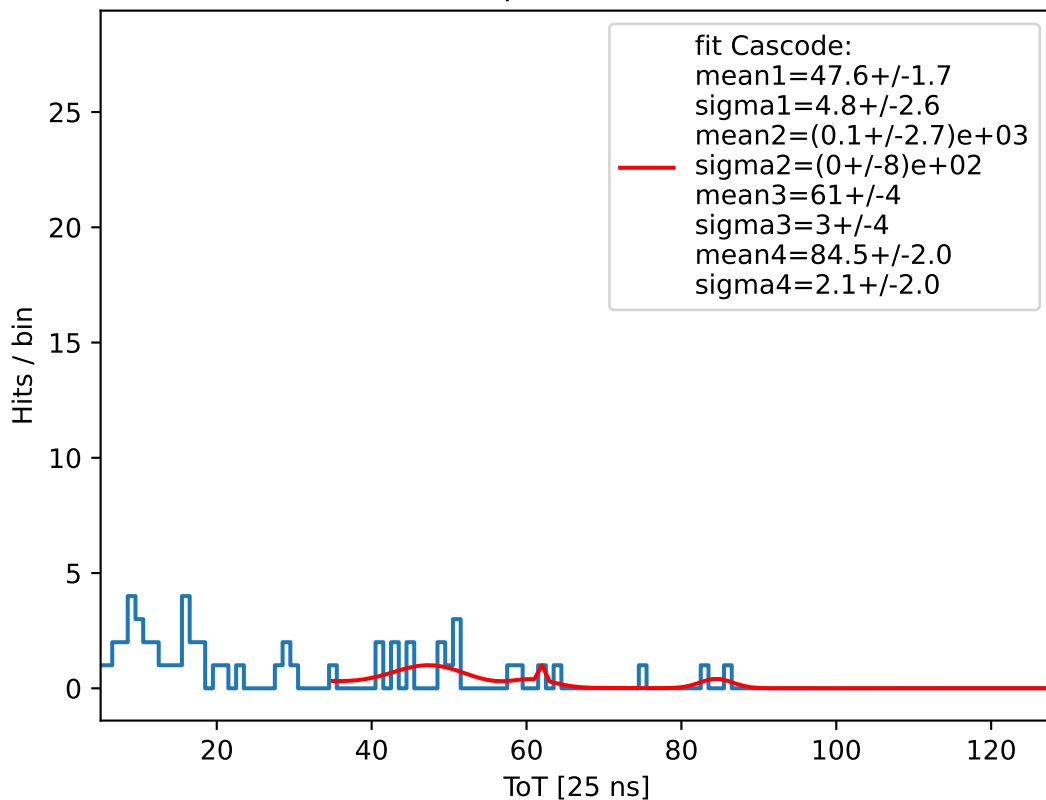
Am241 - Cascode ((396, 152))

Time of acquisition: 55 minutes

fit Cascode:
mean1=49.4+/-2.5
sigma1=7.3+/-3.5
mean2=64.4+/-0.8
sigma2=1.8+/-0.8
mean3=72.179+/-nan
sigma3=0.097+/-nan
mean4=85.0+/-1.1
sigma4=1.4+/-1.1