/mnt/c/Users/client/Desktop/tesi/tesi/Analysis/W14R12/threshold_scan/all_norm/
140/20221006_134455_threshold_scan_interpreted.h5
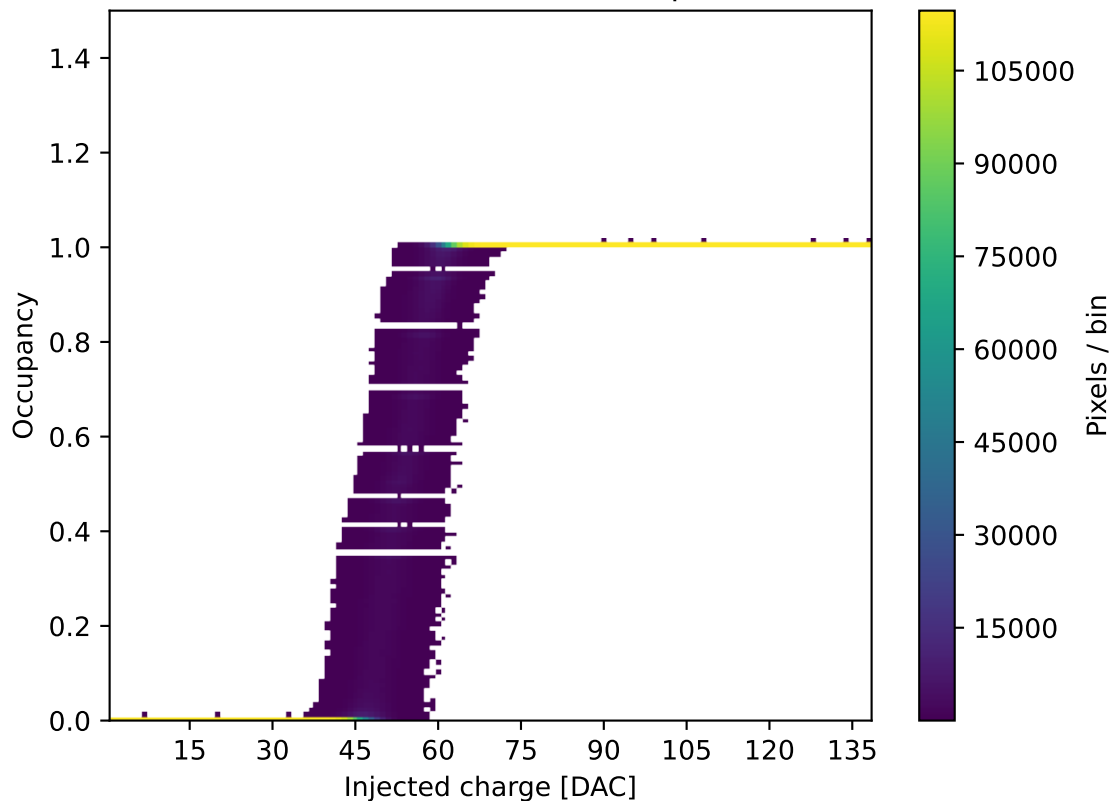Chip = W14R12
Script version = 38702f2

IBIAS = 50, ITHR = 64, ICASN = 0, IDB = 100, ITUNE = 53, VRESET = 143, VCASP =
93, VCASC = 228, VCLIP = 255, VL = 2, VH = 140, ICOMP = 80, IDEL = 88, IRAM = 50

threshold_scan
start_column = 0, stop_column = 224, start_row = 0, stop_row = 512, n_injections
= 100, VCAL_HIGH = 140, VCAL_LOW_start = 139, VCAL_LOW_stop = 1, VCAL_LOW_step =
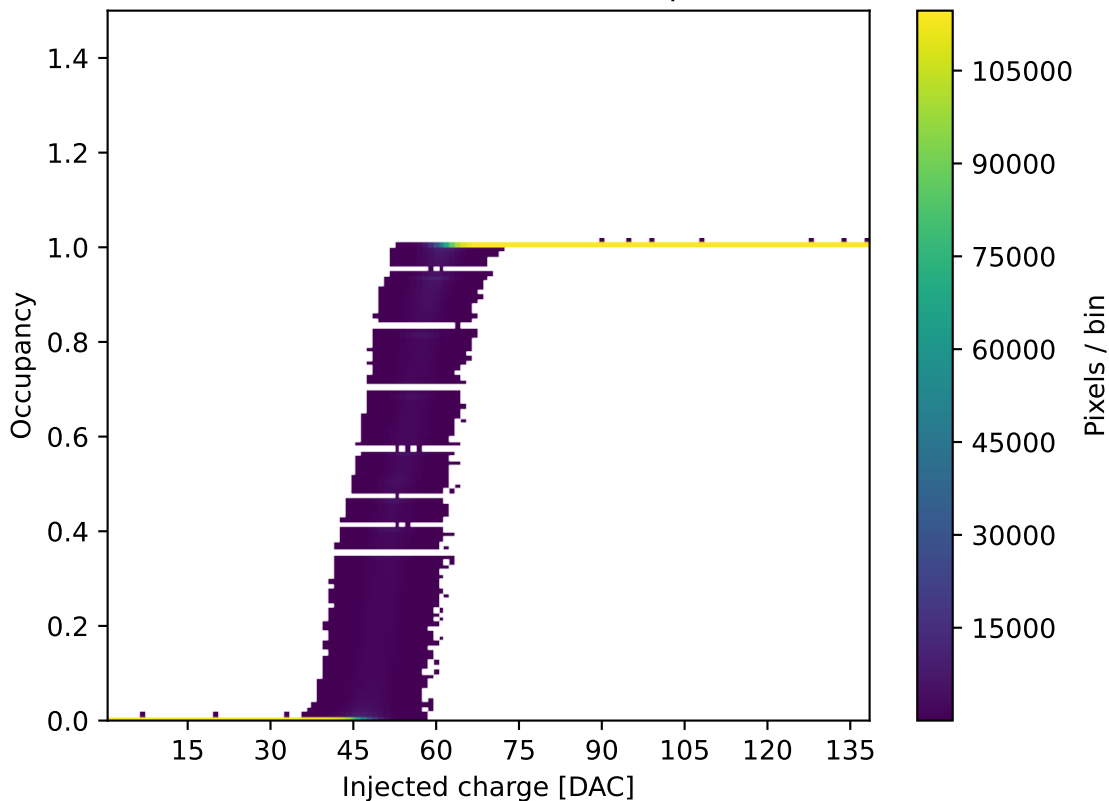-1

No noisy pixel found.

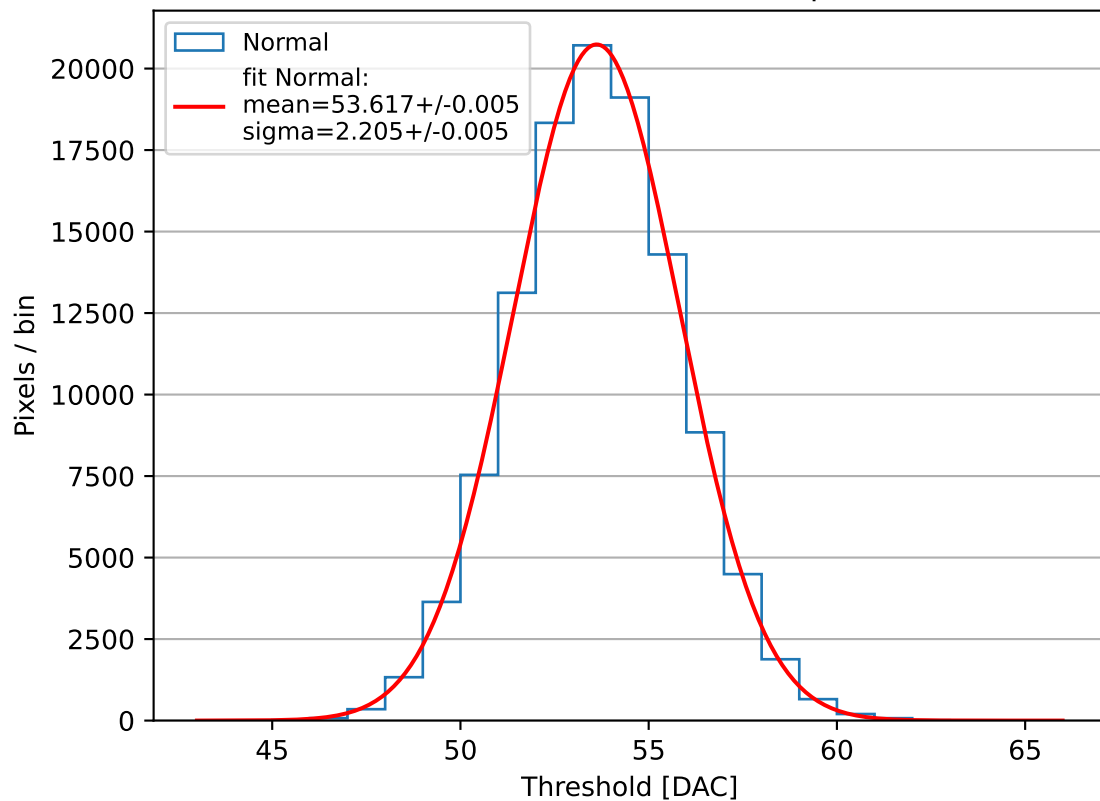S-Curve (All FEs)

VH = 140, VL = 139..1 (step -1)
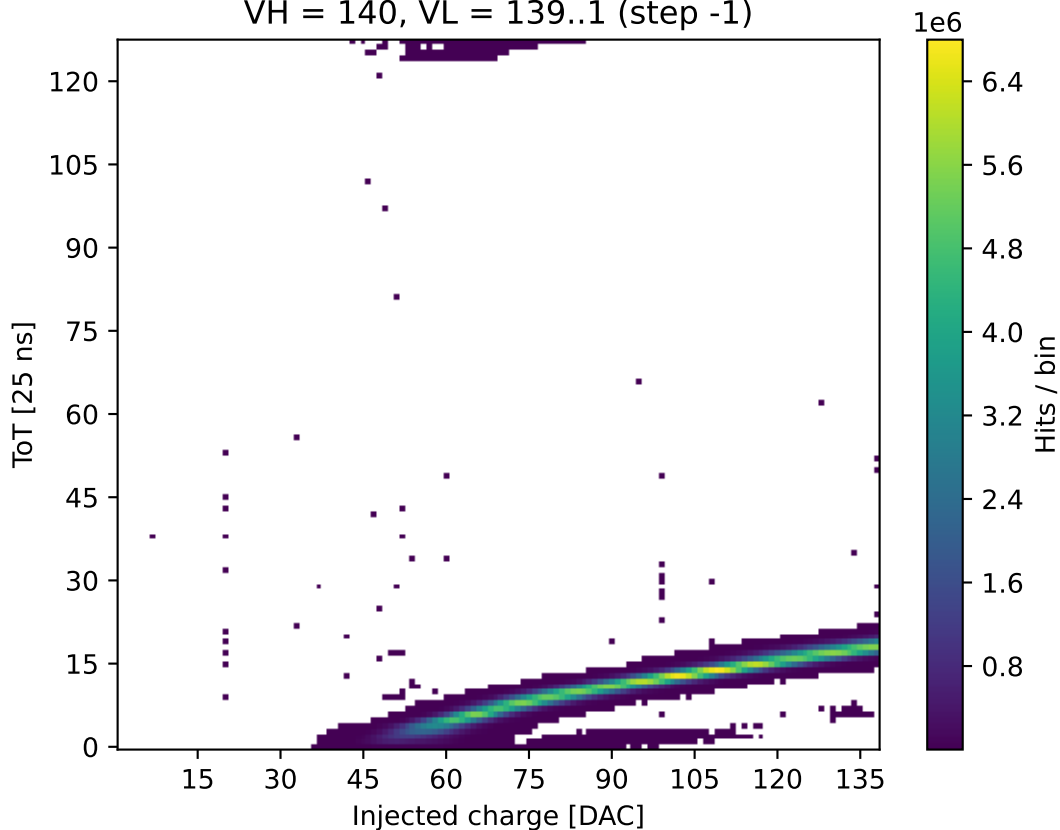
S-Curve (Normal)

VH = 140, VL = 139..1 (step -1)

Threshold distribution
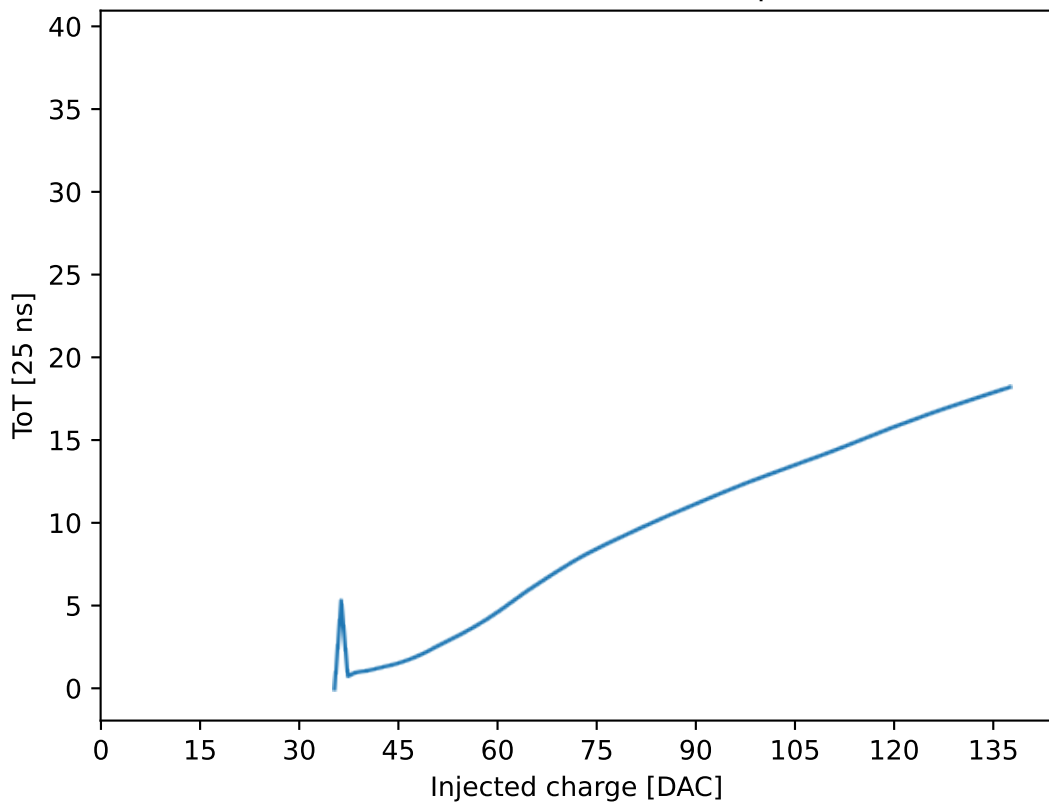
VH = 140, VL = 139..1 (step -1)

Normal

fit Normal:
mean=53.617+/-0.005
sigma=2.205+/-0.005

ToT curve (All FEs)

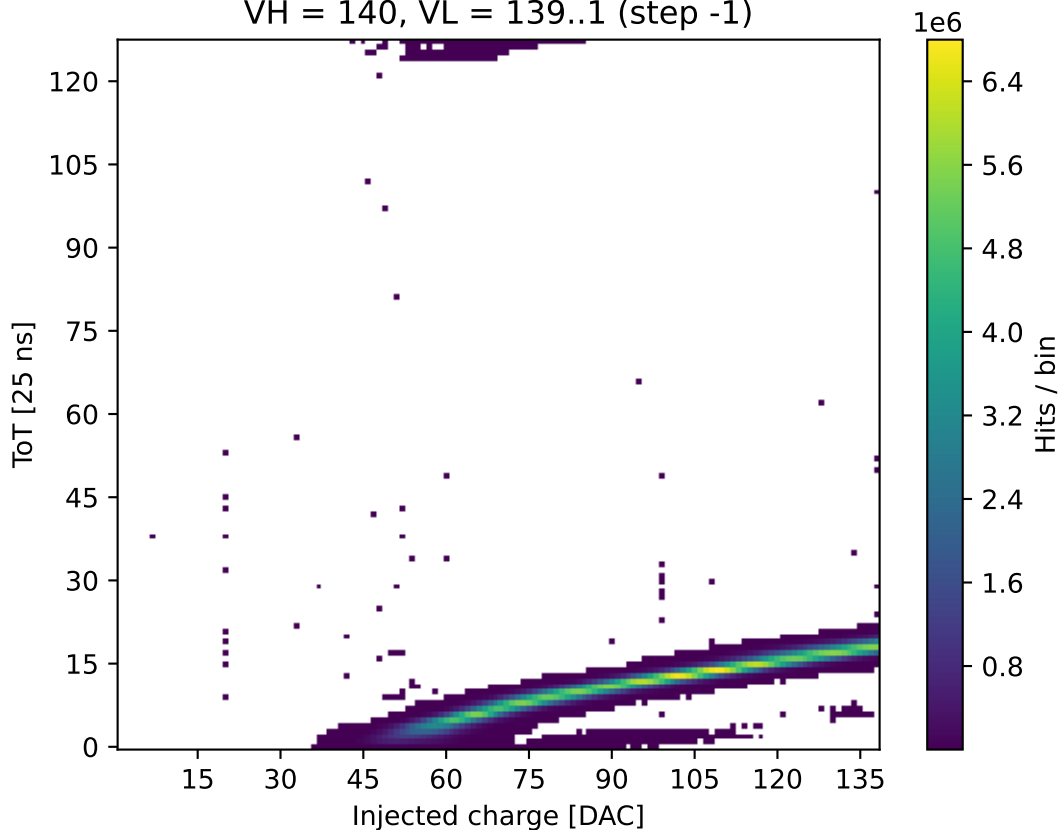VH = 140, VL = 139..1 (step -1)

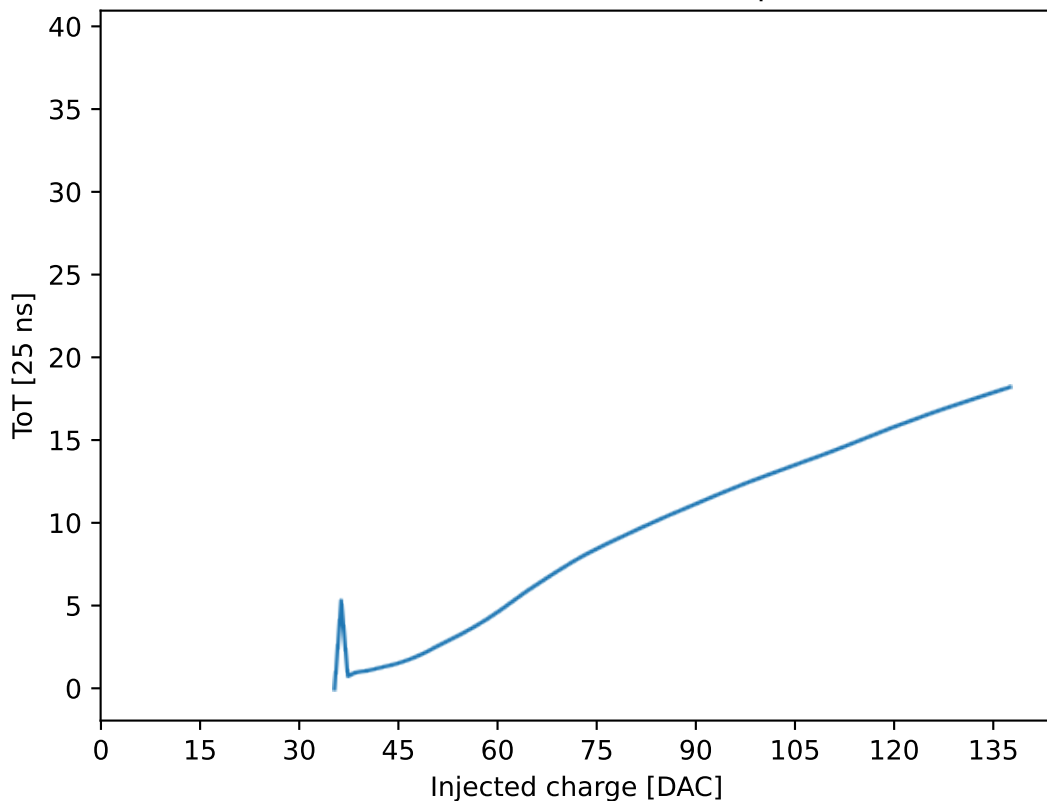**ToT curve (All FEs)**

VH = 140, VL = 139..1 (step -1)

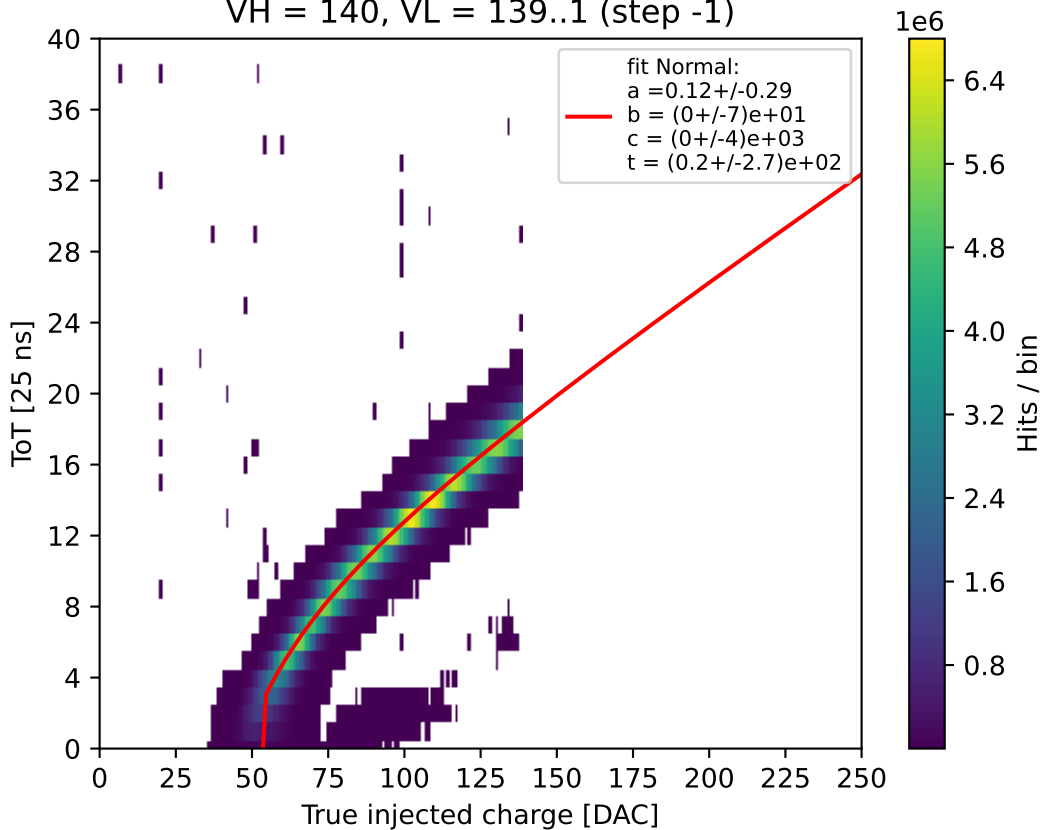ToT curve (Normal)

VH = 140, VL = 139..1 (step -1)

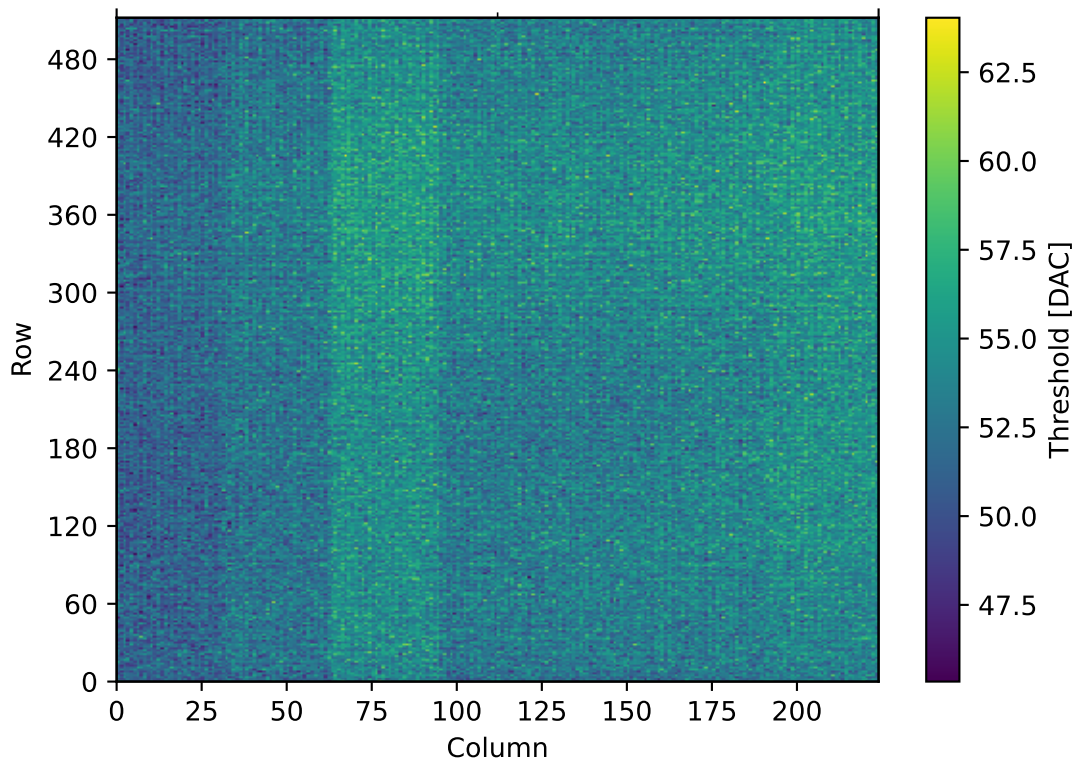ToT curve (Normal)

VH = 140, VL = 139..1 (step -1)

ToT curve fit

VH = 140, VL = 139..1 (step -1)

fit Normal:
a = 0.12 +/- 0.29
b = (0 +/- 7)e+01
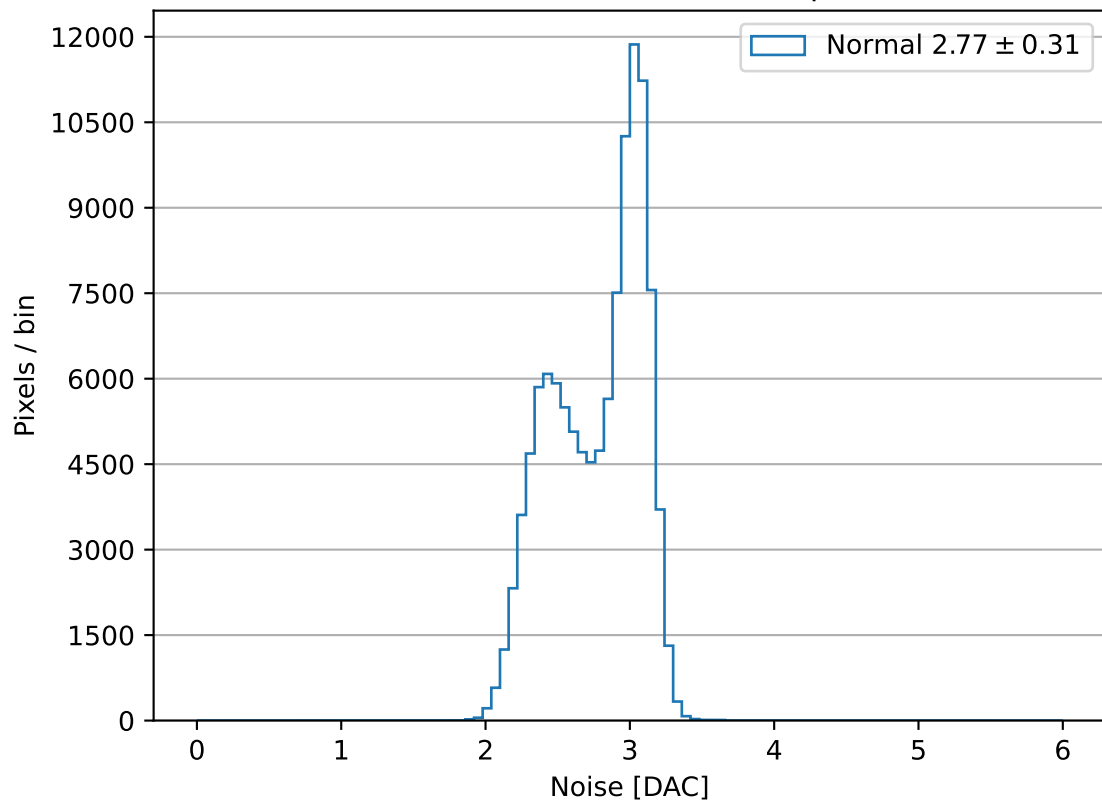c = (0 +/- 4)e+03
t = (0.2 +/- 2.7)e+02
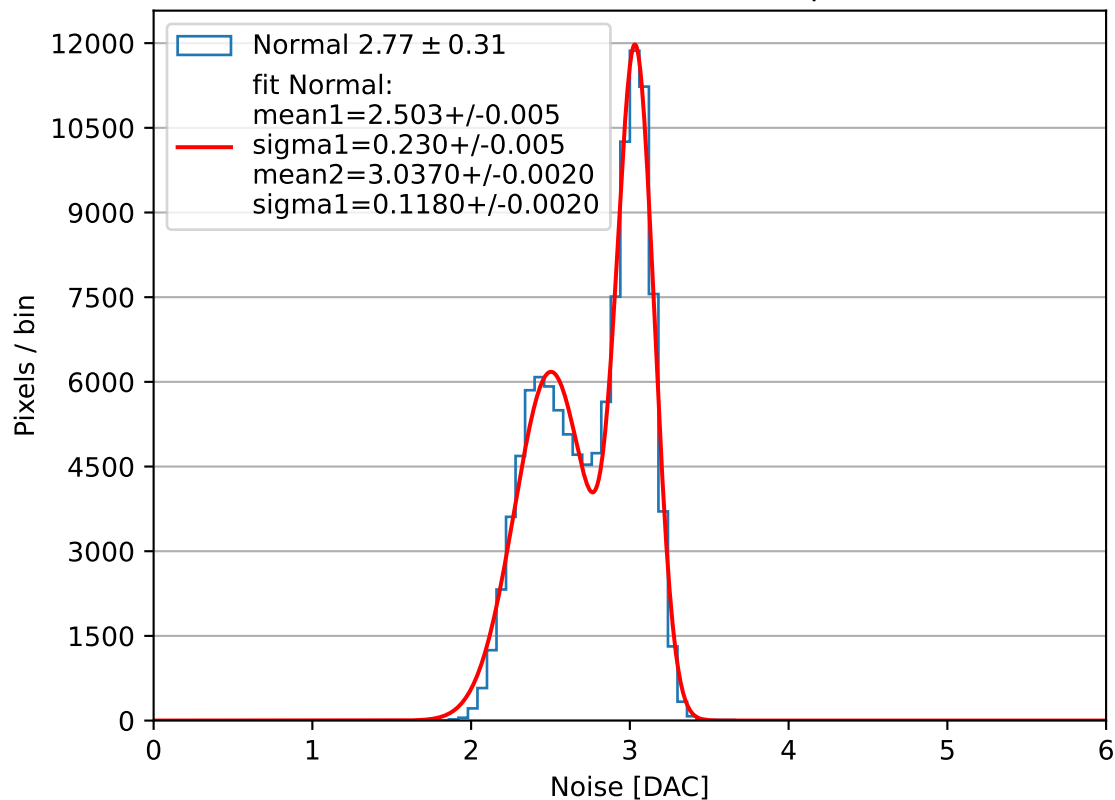
Threshold map

VH = 140, VL = 139..1 (step -1)

Noise (width of s-curve slope) distribution

VH = 140, VL = 139..1 (step -1)

Noise (width of s-curve slope) distribution

VH = 140, VL = 139..1 (step -1)

Legend:
- Normal 2.77 ± 0.31
- fit Normal:
  mean1=2.503+/-0.005
  sigma1=0.230+/-0.005
  mean2=3.0370+/-0.0020
  sigma1=0.1180+/-0.0020

Y-axis: Pixels / bin
X-axis: Noise [DAC]

Noise (width of s-curve slope) map

VH = 140, VL = 139..1 (step -1)

Normal