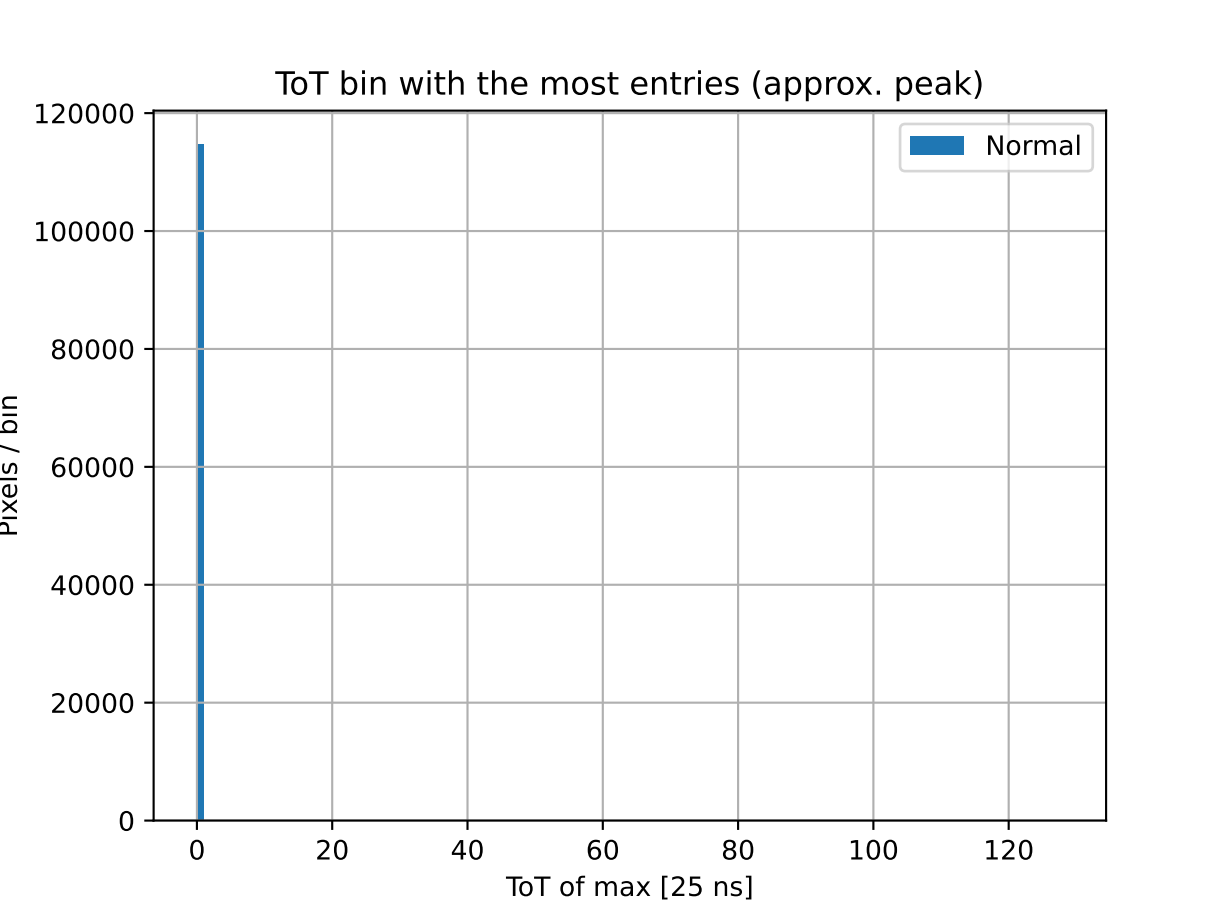
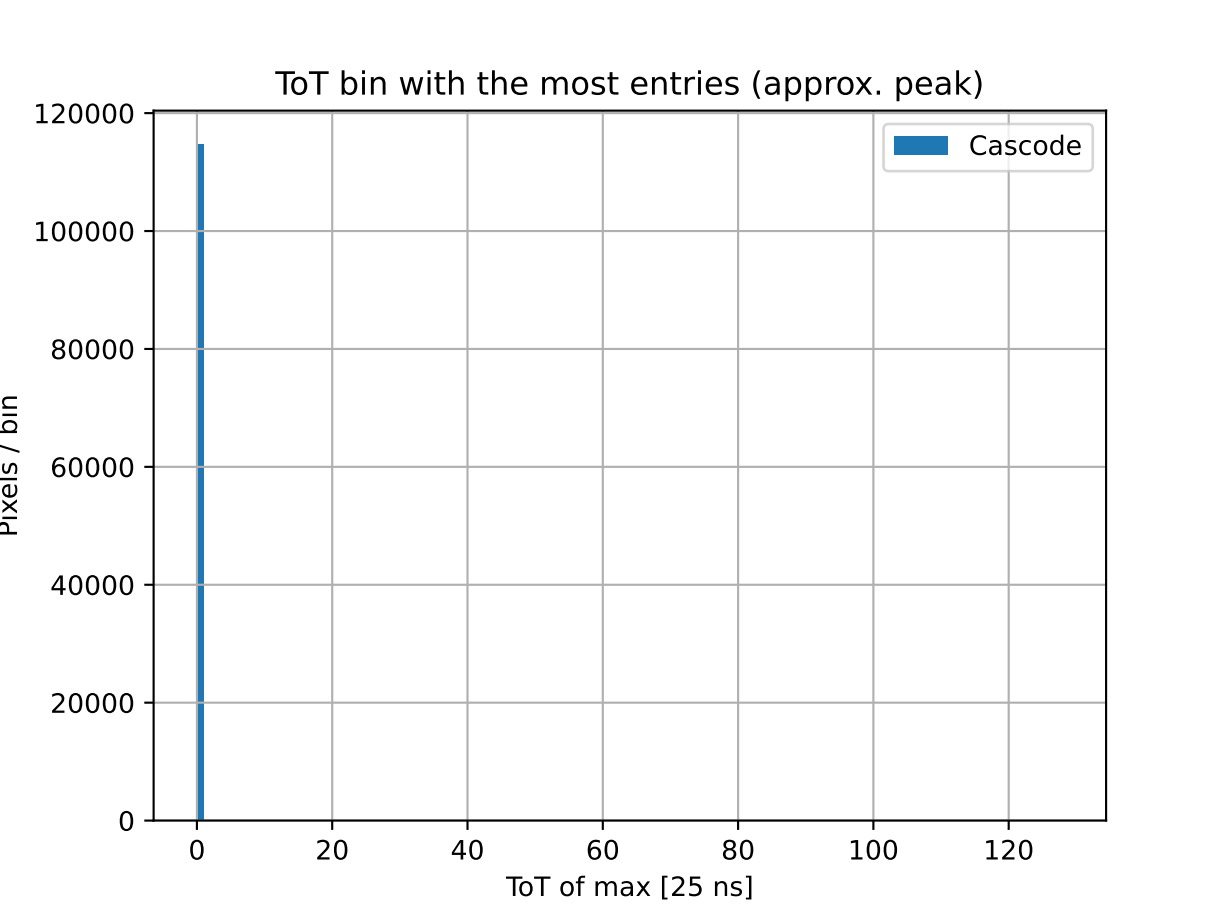
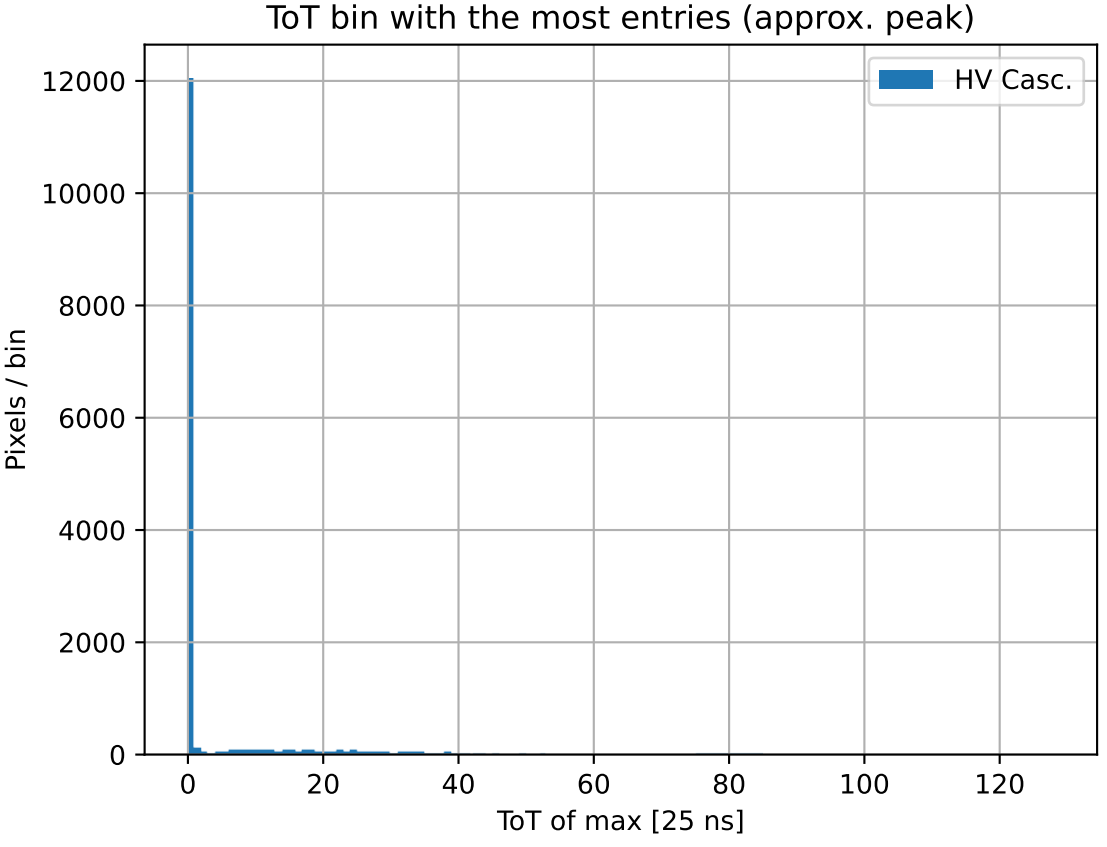
/mnt/c/Users/client/Desktop/tesi/tesi/Analysis/W14R12/source_analysis/Cd109/HV/proof_separated_Data/20221012_183014_source_scan_interpreted.h5
Chip = W14R12
Script version = d1220cd

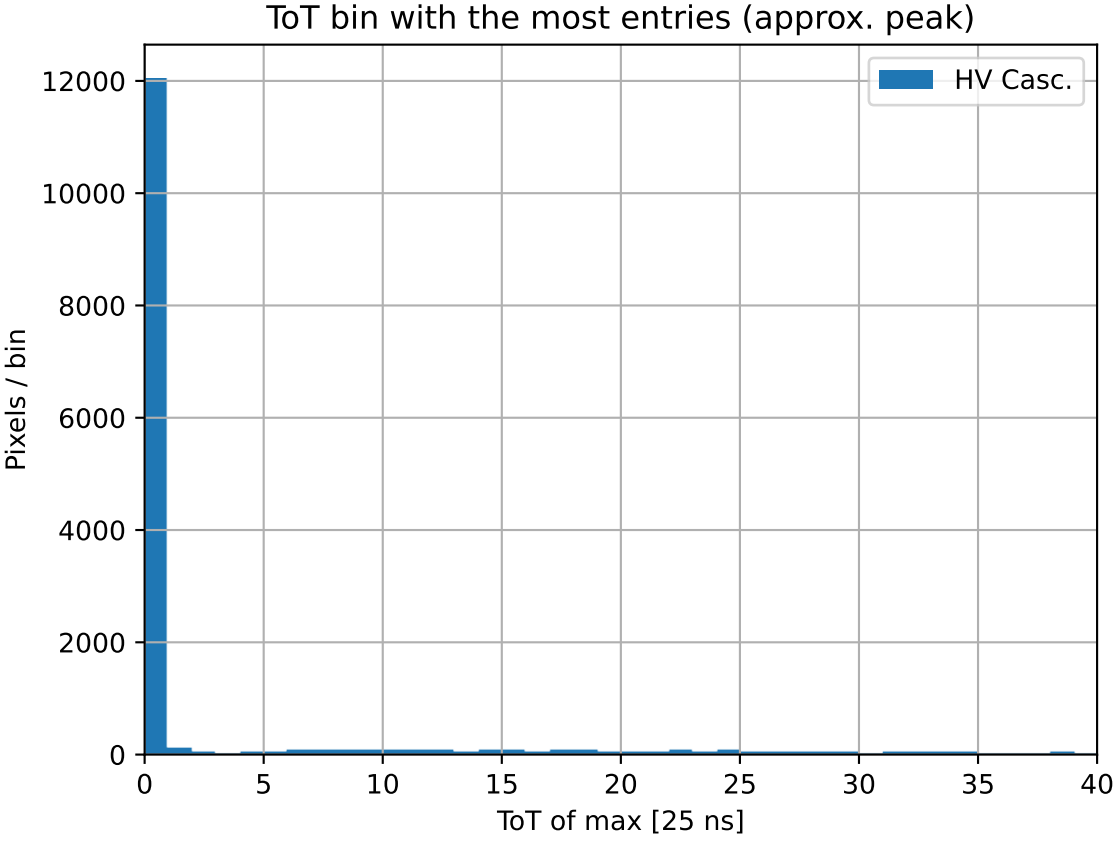
IBIAS = 60, ITHR = 30, ICASN = 8, IDB = 100, ITUNE = 53, VRESET = 100, VCASP = 40, VCASC = 228, VCLIP = 255, VL = 64, VH = 115, ICOMP = 80, IDEL = 88, IRAM = 50

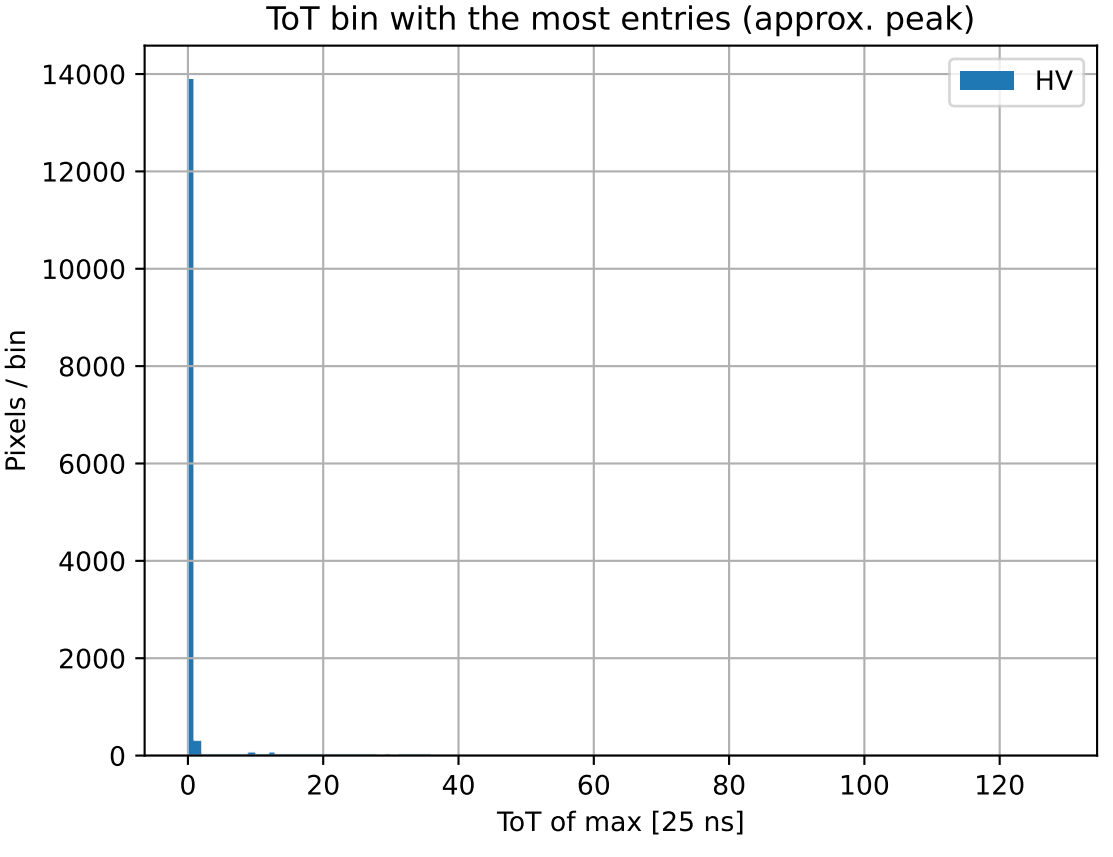
source_scan
start_column = 448, stop_column = 512, start_row = 0, stop_row = 512, scan_time = 1800

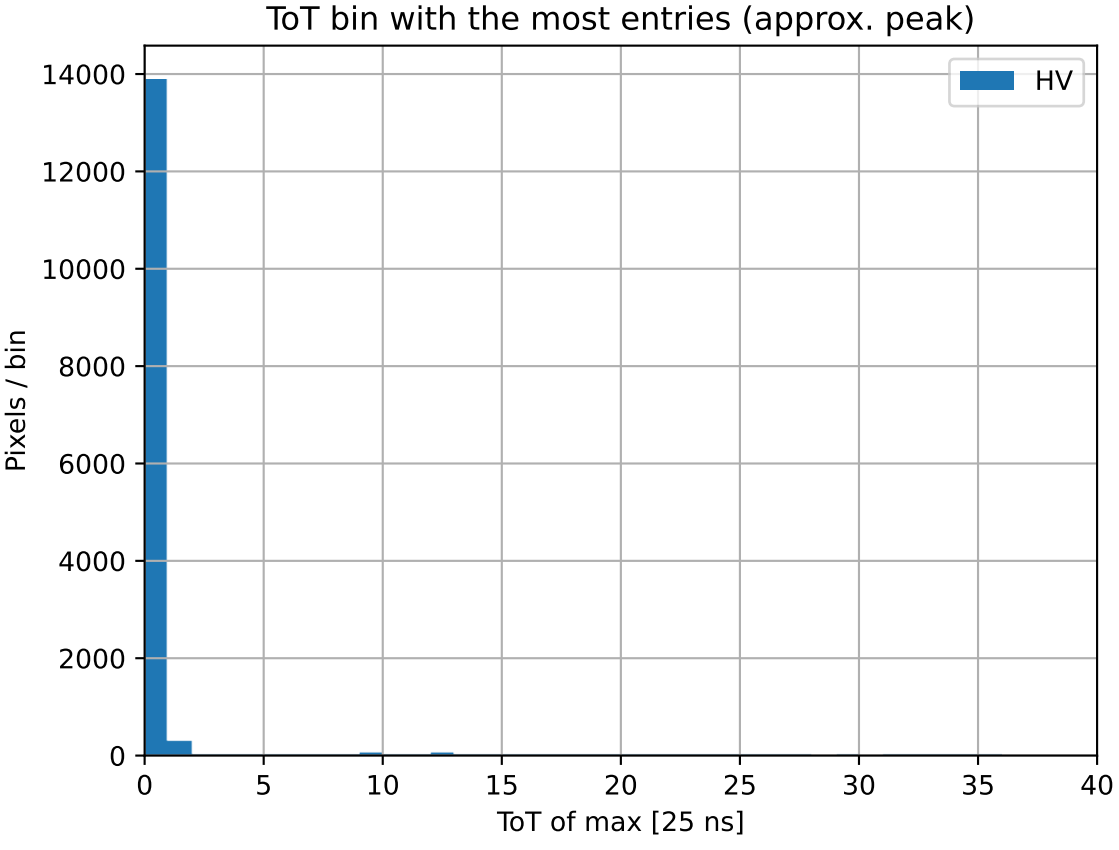

ToT bin with the most entries (approx. peak)
Normal
120000
100000
80000
60000
40000
20000
0
Pixels / bin
0
20
40
60
80
100
120
ToT of max [25 ns]

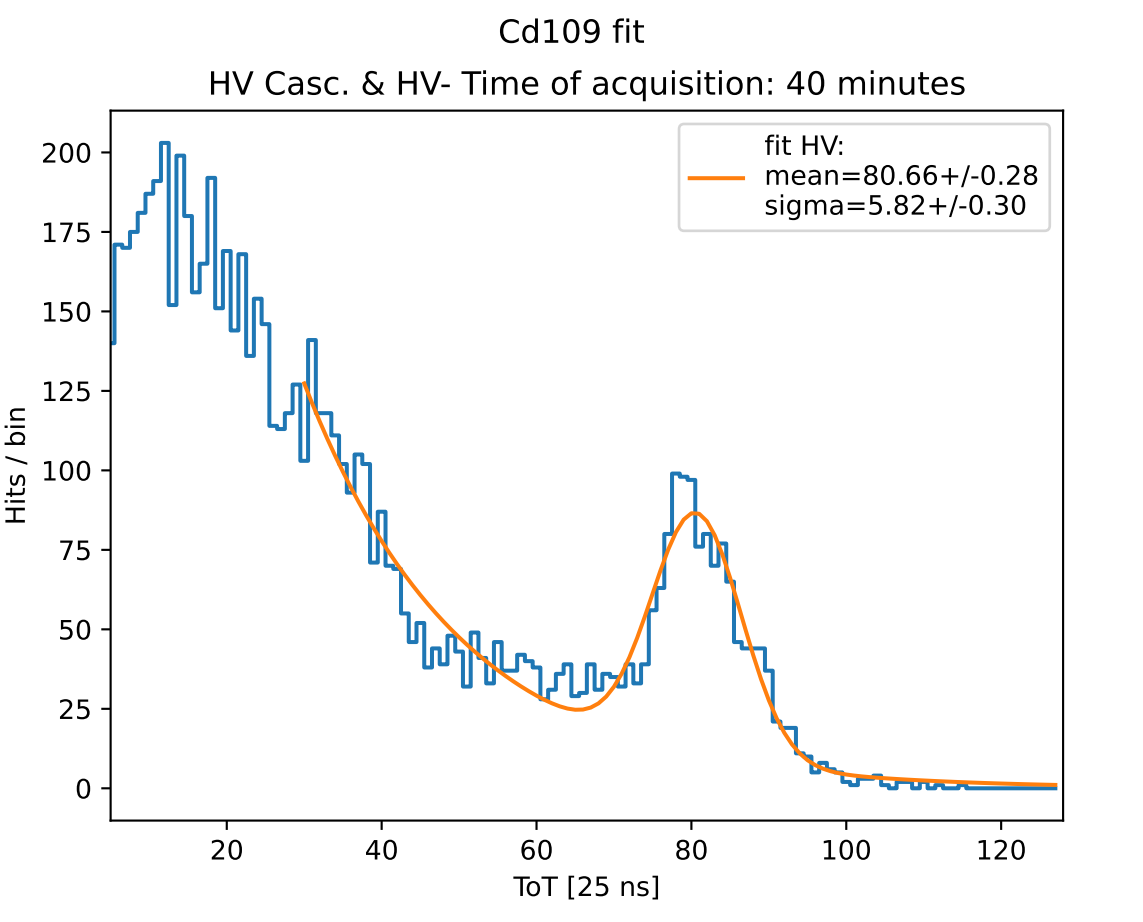

ToT bin with the most entries (approx. peak)
Cascode
Pixels / bin
ToT of max [25 ns]
0
20000
40000
60000
80000
100000
120000
0
20
40
60
80
100
120

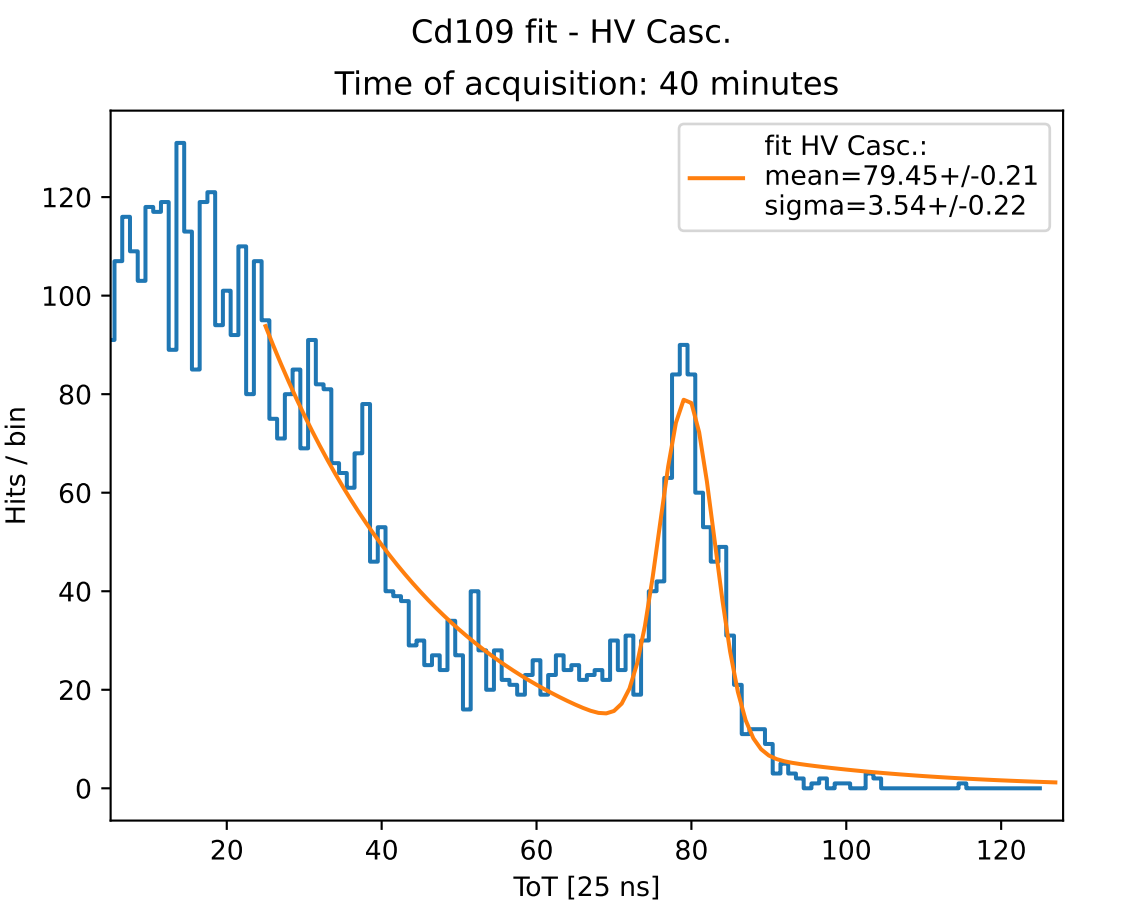

ToT bin with the most entries (approx. peak)
HV Casc.
Pixels / bin
0
2000
4000
6000
8000
10000
12000
0
20
40
60
80
100
120
ToT of max [25 ns]

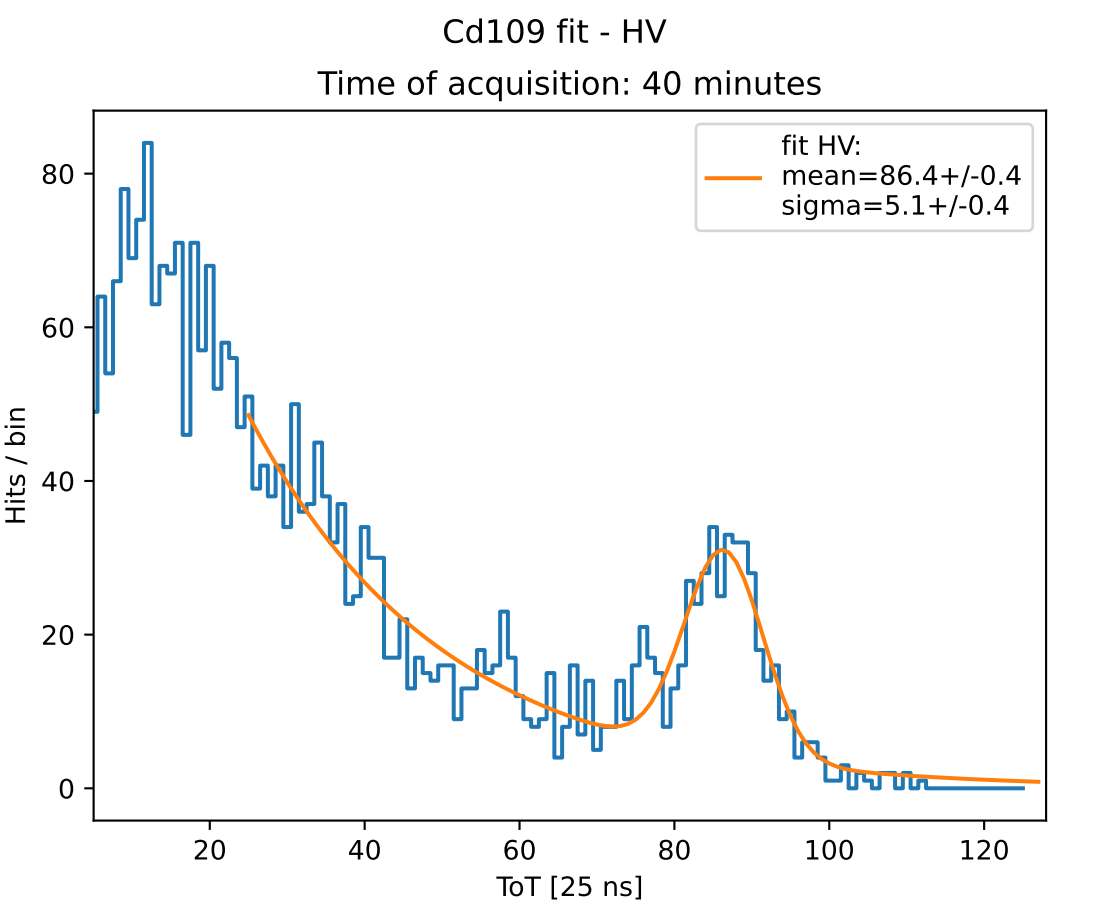

ToT bin with the most entries (approx. peak)
HV Casc.
Pixels / bin
ToT of max [25 ns]
0
2000
4000
6000
8000
10000
12000
0
5
10
15
20
25
30
35
40


ToT bin with the most entries (approx. peak)
HV
Pixels / bin
0
2000
4000
6000
8000
10000
12000
14000
0
20
40
60
80
100
120
ToT of max [25 ns]


ToT bin with the most entries (approx. peak)
HV
Pixels / bin
0
2000
4000
6000
8000
10000
12000
14000
0
5
10
15
20
25
30
35
40
ToT of max [25 ns]


Cd109 fit
HV Casc. & HV- Time of acquisition: 40 minutes
fit HV:
mean=80.66+/-0.28
sigma=5.82+/-0.30
Hits / bin
ToT [25 ns]
0
25
50
75
100
125
150
175
200
20
40
60
80
100
120


Cd109 fit - HV Casc.
Time of acquisition: 40 minutes
fit HV Casc.:
mean=79.45+/-0.21
sigma=3.54+/-0.22
Hits / bin
ToT [25 ns]
0
20
40
60
80
100
120


Cd109 fit - HV
Time of acquisition: 40 minutes
fit HV:
mean=86.4+/-0.4
sigma=5.1+/-0.4
Hits / bin
ToT [25 ns]
0
20
40
60
80
20
40
60
80
100
120