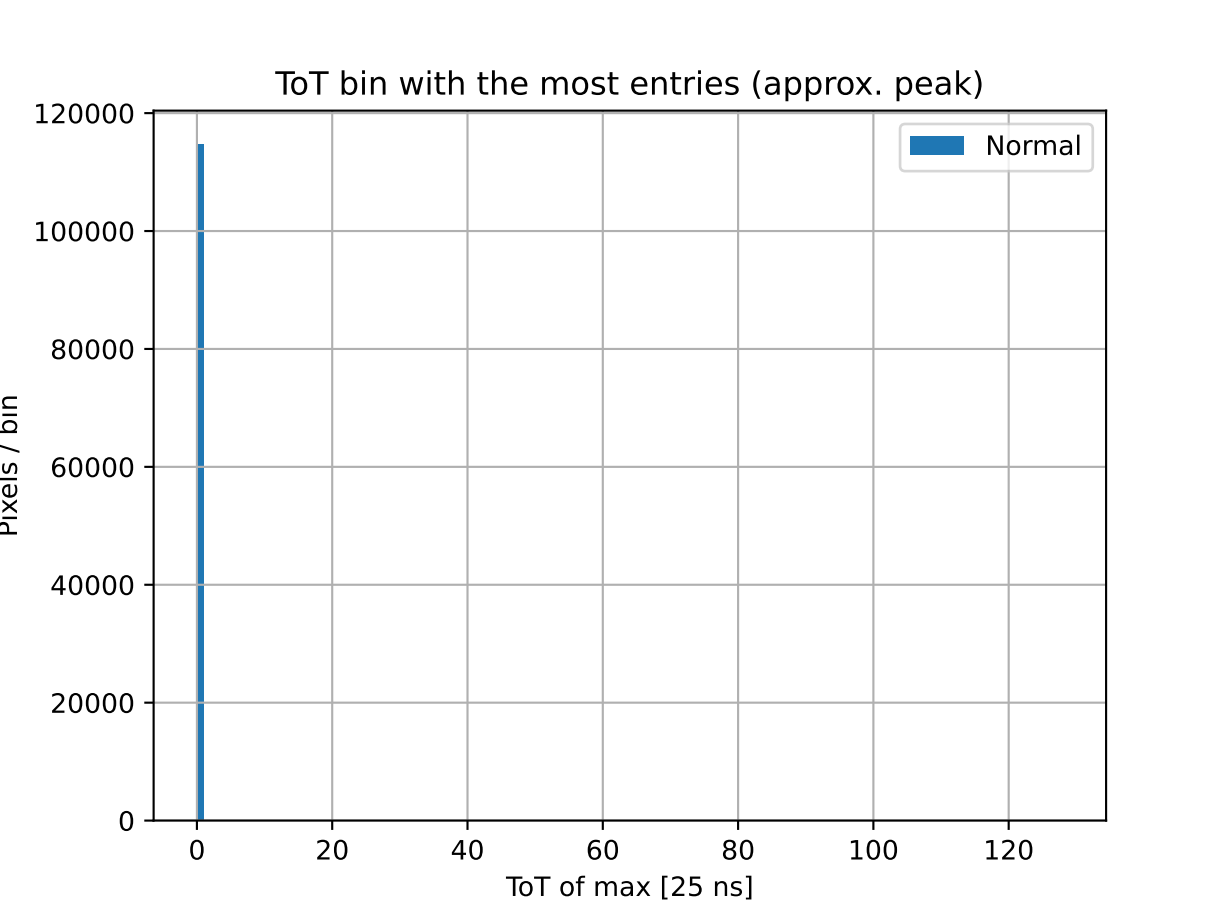
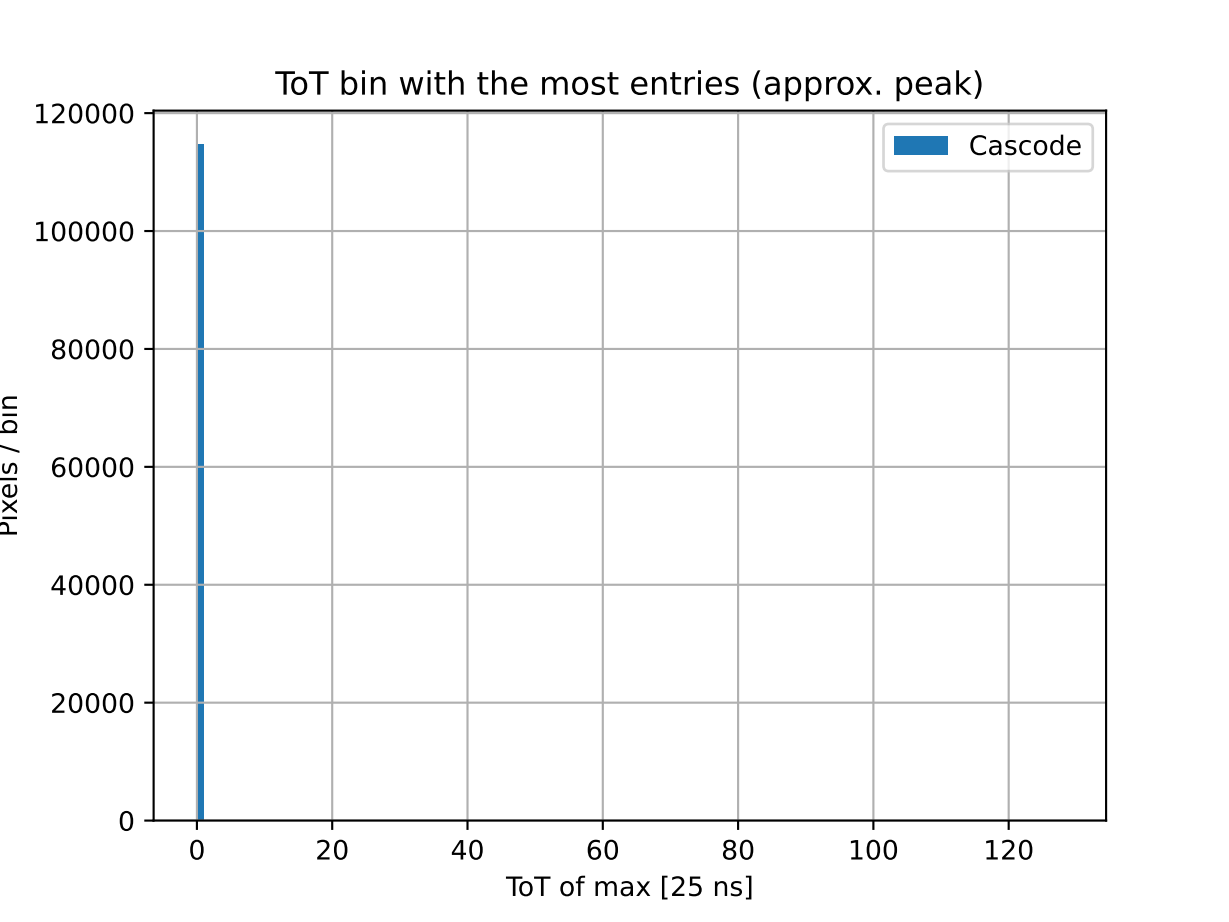
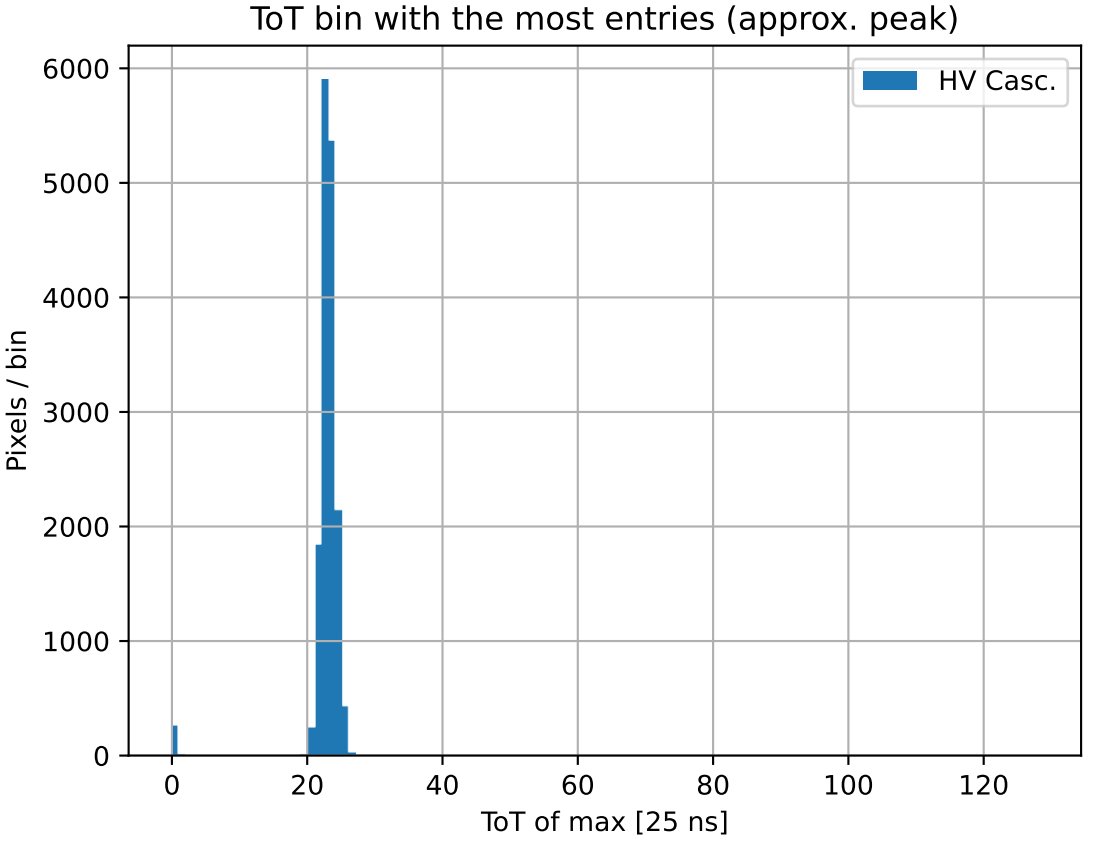
/mnt/c/Users/client/Desktop/tesi/tesi/Analysis/W14R12/source_analysis/Fe55/HVs/proof_separated_peak/20221011_113405_source_scan_interpreted.h5
Chip = W14R12
Script version = d1220cd

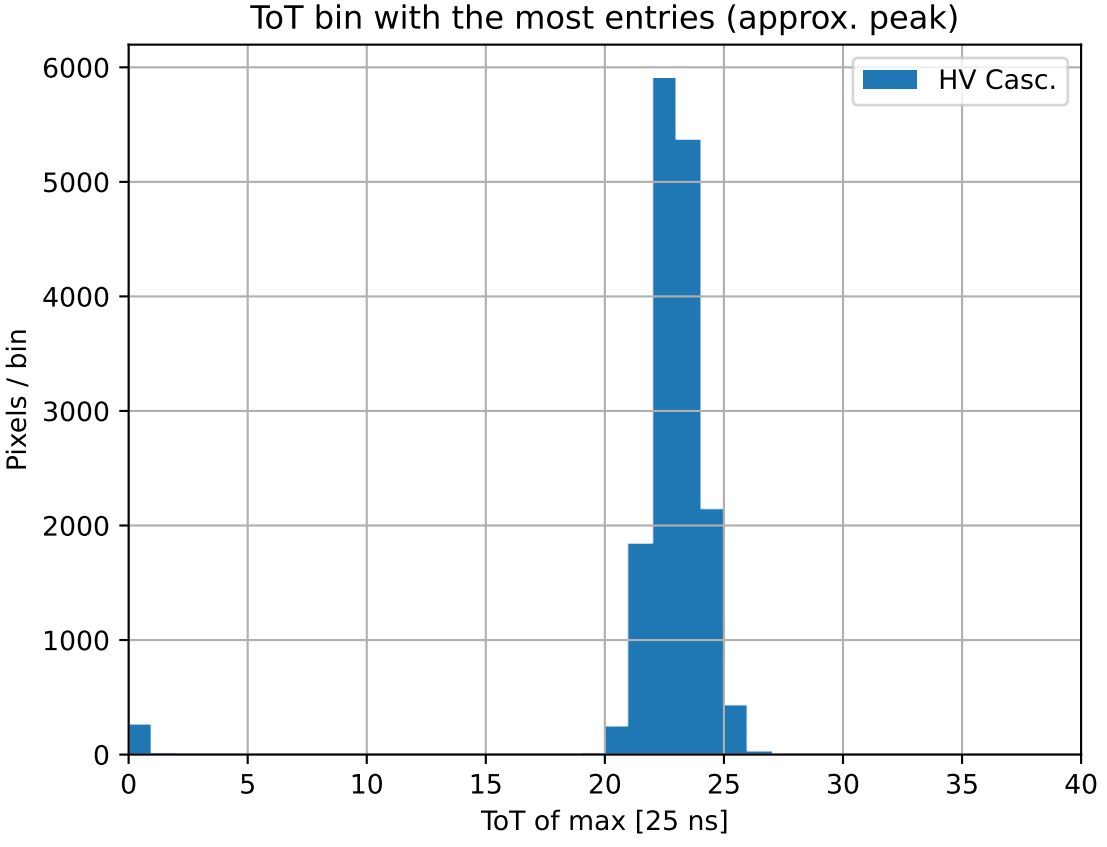
IBIAS = 60, ITHR = 30, ICASN = 8, IDB = 100, ITUNE = 53, VRESET = 100, VCASP = 40, VCASC = 228, VCLIP = 255, VL = 64, VH = 115, ICOMP = 80, IDEL = 88, IRAM = 50

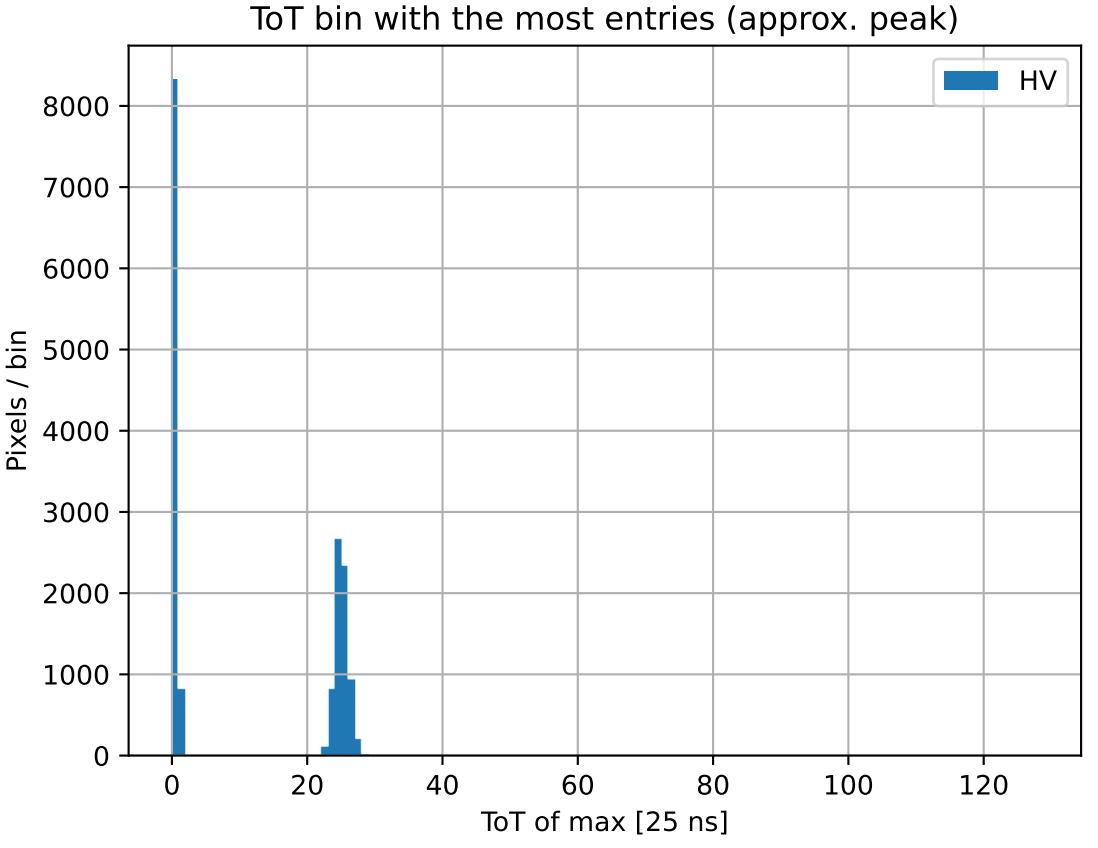
source_scan
start_column = 448, stop_column = 512, start_row = 0, stop_row = 512, scan_time = 600

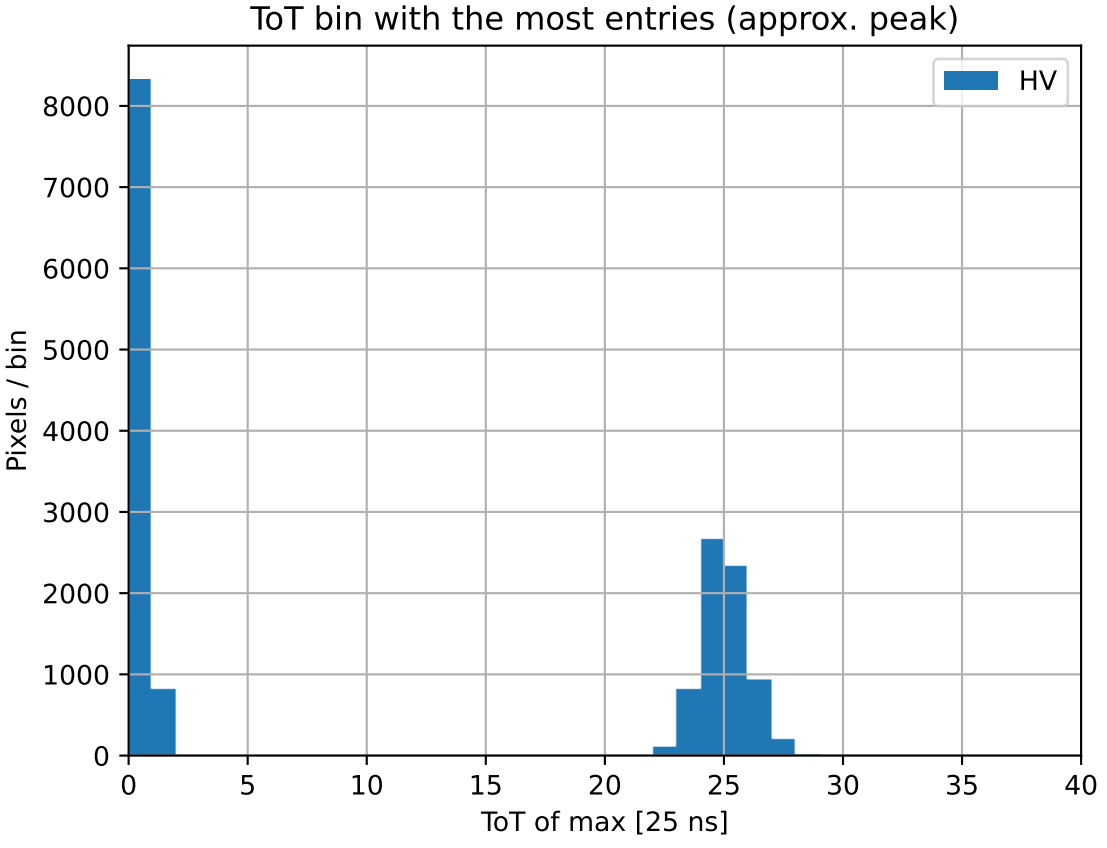

ToT bin with the most entries (approx. peak)
Normal
120000
100000
80000
60000
40000
20000
0
Pixels / bin
0
20
40
60
80
100
120
ToT of max [25 ns]

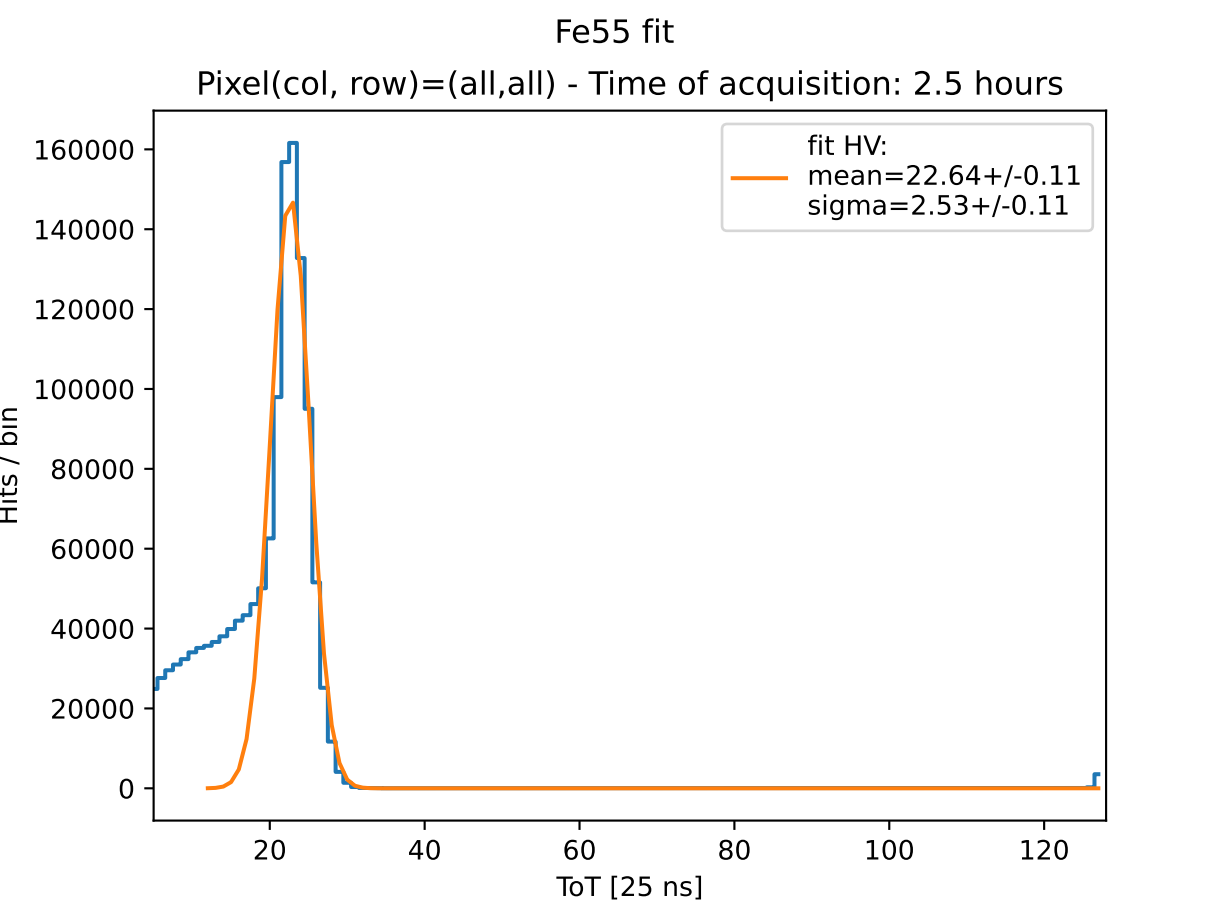

ToT bin with the most entries (approx. peak)
Cascode
Pixels / bin
ToT of max [25 ns]
0
20000
40000
60000
80000
100000
120000
0
20
40
60
80
100
120

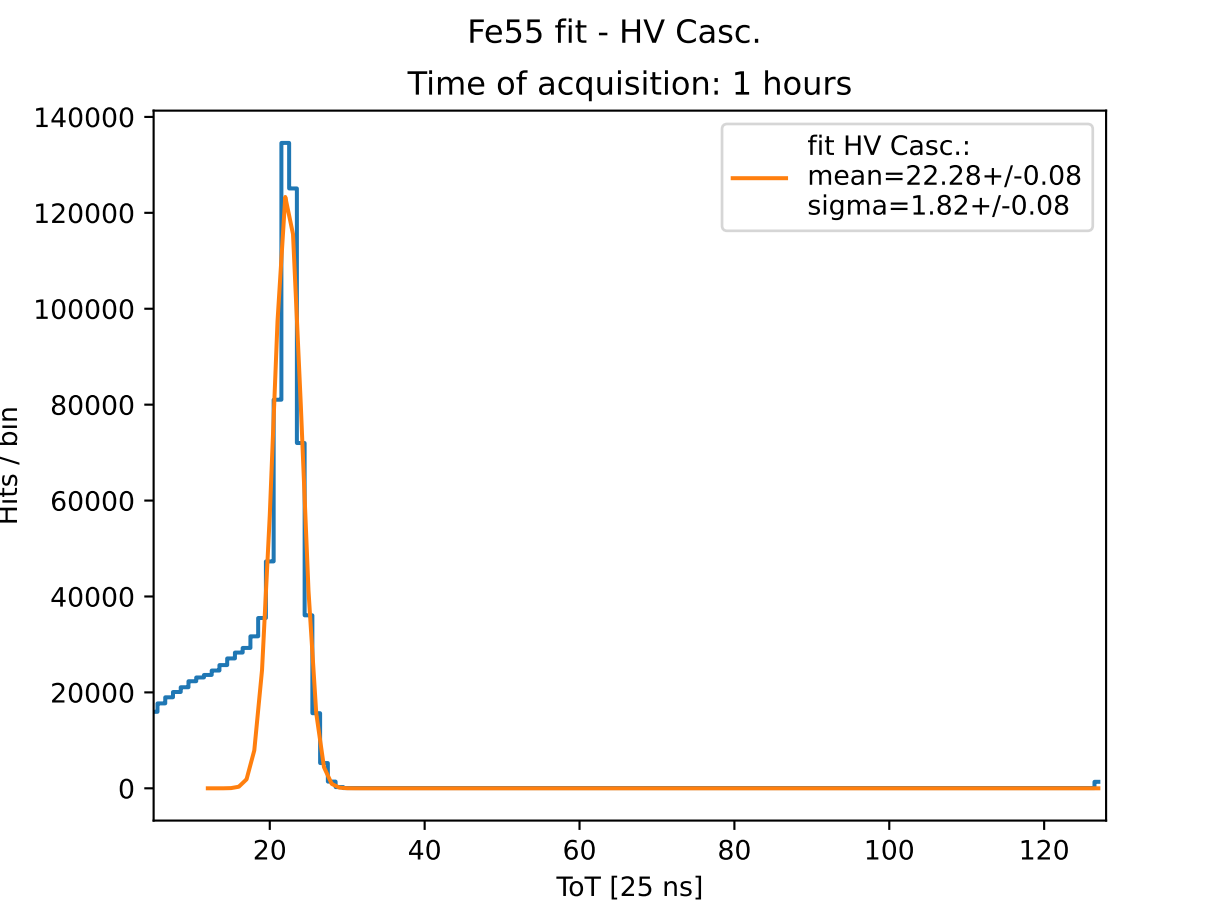

ToT bin with the most entries (approx. peak)
HV Casc.
Pixels / bin
0
1000
2000
3000
4000
5000
6000
0
20
40
60
80
100
120
ToT of max [25 ns]

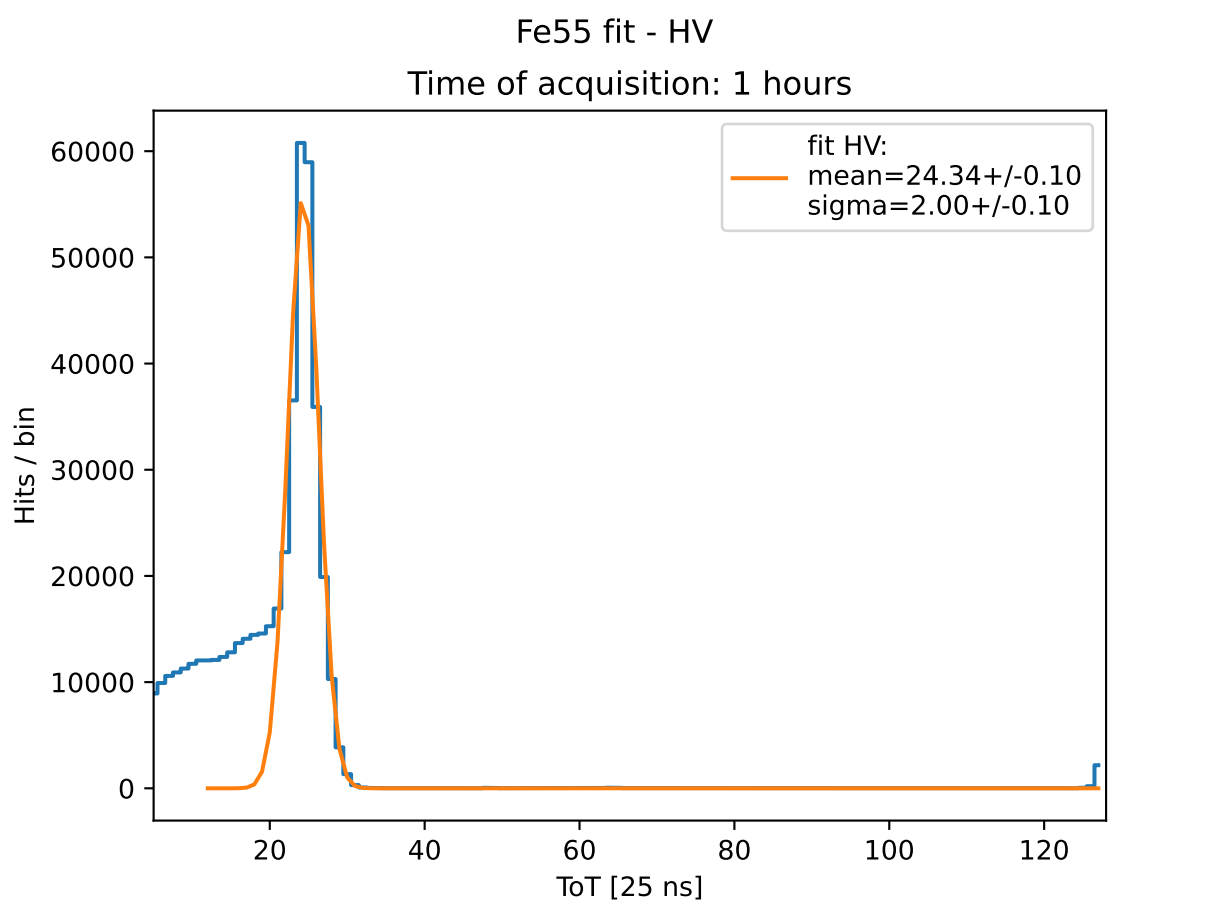

ToT bin with the most entries (approx. peak)
HV Casc.
Pixels / bin
0
1000
2000
3000
4000
5000
6000
0
5
10
15
20
25
30
35
40
ToT of max [25 ns]


ToT bin with the most entries (approx. peak)
HV
Pixels / bin
0
1000
2000
3000
4000
5000
6000
7000
8000
0
20
40
60
80
100
120
ToT of max [25 ns]


ToT bin with the most entries (approx. peak)
HV
Pixels / bin
0
1000
2000
3000
4000
5000
6000
7000
8000
0
5
10
15
20
25
30
35
40
ToT of max [25 ns]


Fe55 fit
Pixel(col, row)=(all,all) - Time of acquisition: 2.5 hours
fit HV:
mean=22.64+/-0.11
sigma=2.53+/-0.11
Hits / bin
ToT [25 ns]
160000
140000
120000
100000
80000
60000
40000
20000
0
20
40
60
80
100
120


Fe55 fit - HV Casc.
Time of acquisition: 1 hours
fit HV Casc.:
mean=22.28+/-0.08
sigma=1.82+/-0.08
Hits / bin
ToT [25 ns]
0
20000
40000
60000
80000
100000
120000
140000
20
40
60
80
100
120


Fe55 fit - HV
Time of acquisition: 1 hours
fit HV:
mean=24.34+/-0.10
sigma=2.00+/-0.10
Hits / bin
ToT [25 ns]
0
10000
20000
30000
40000
50000
60000
20
40
60
80
100
120