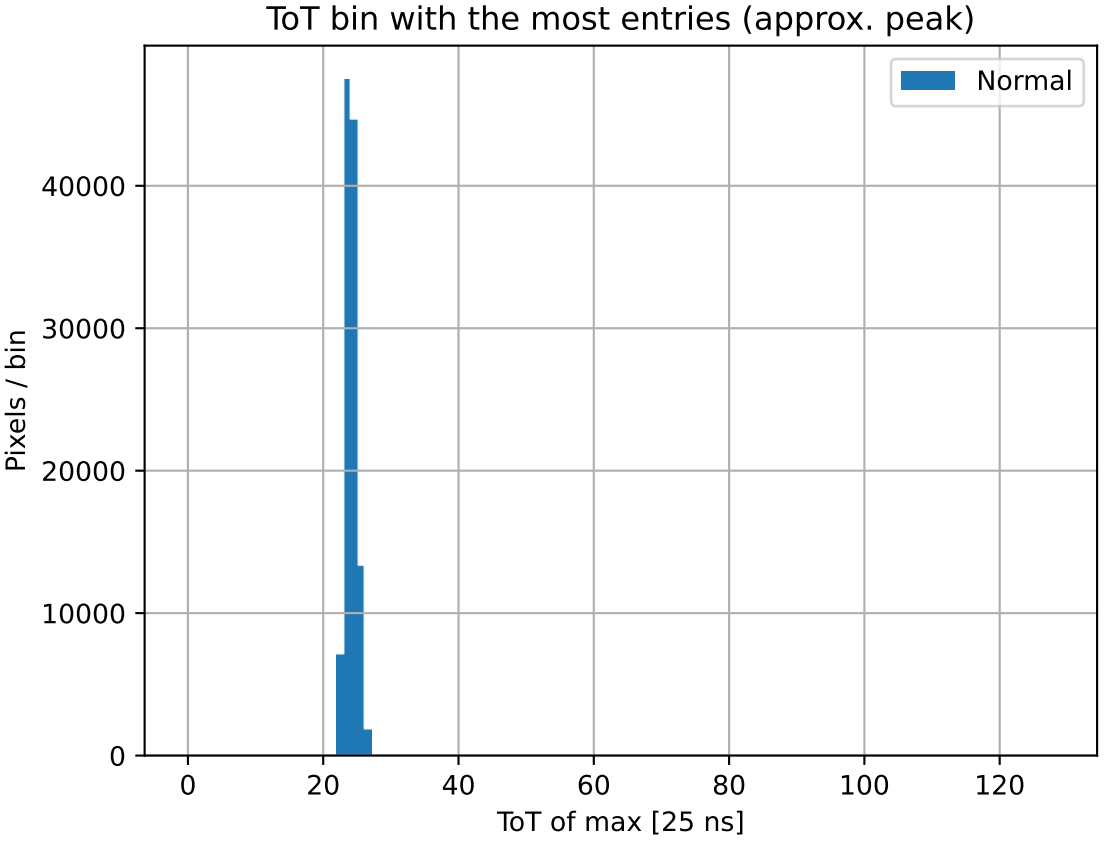
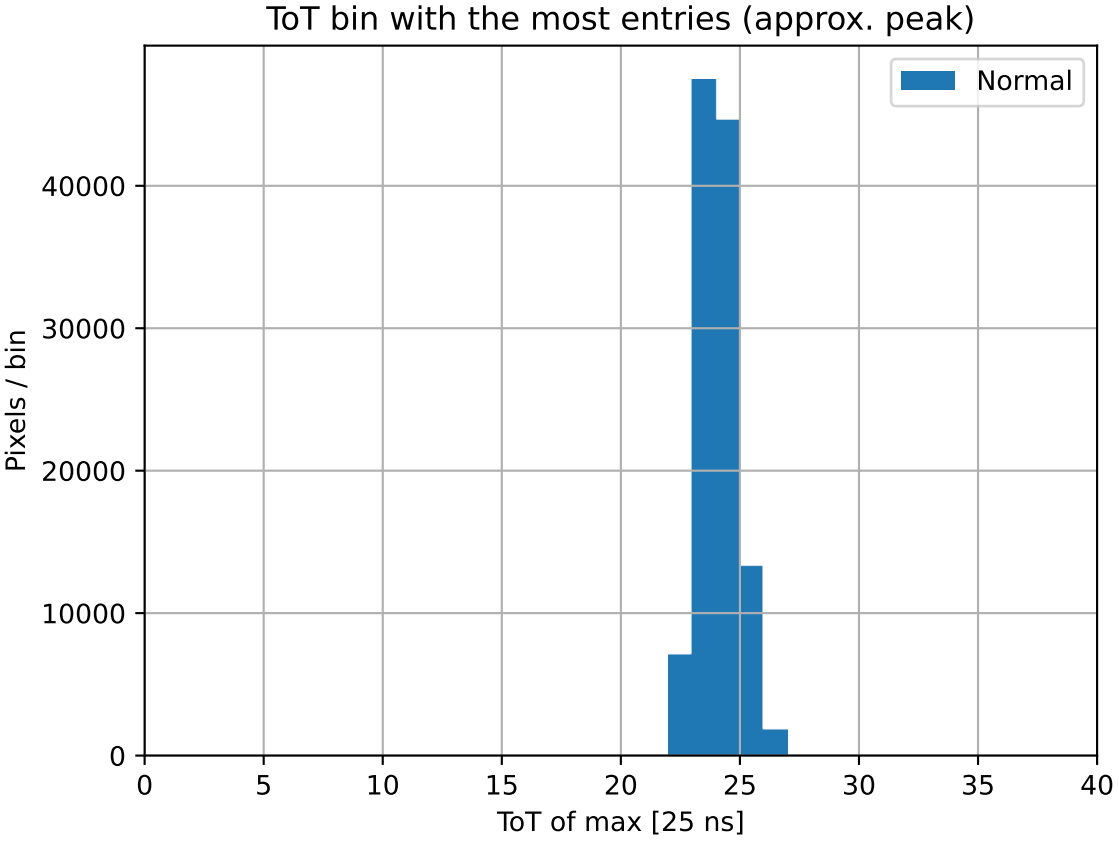
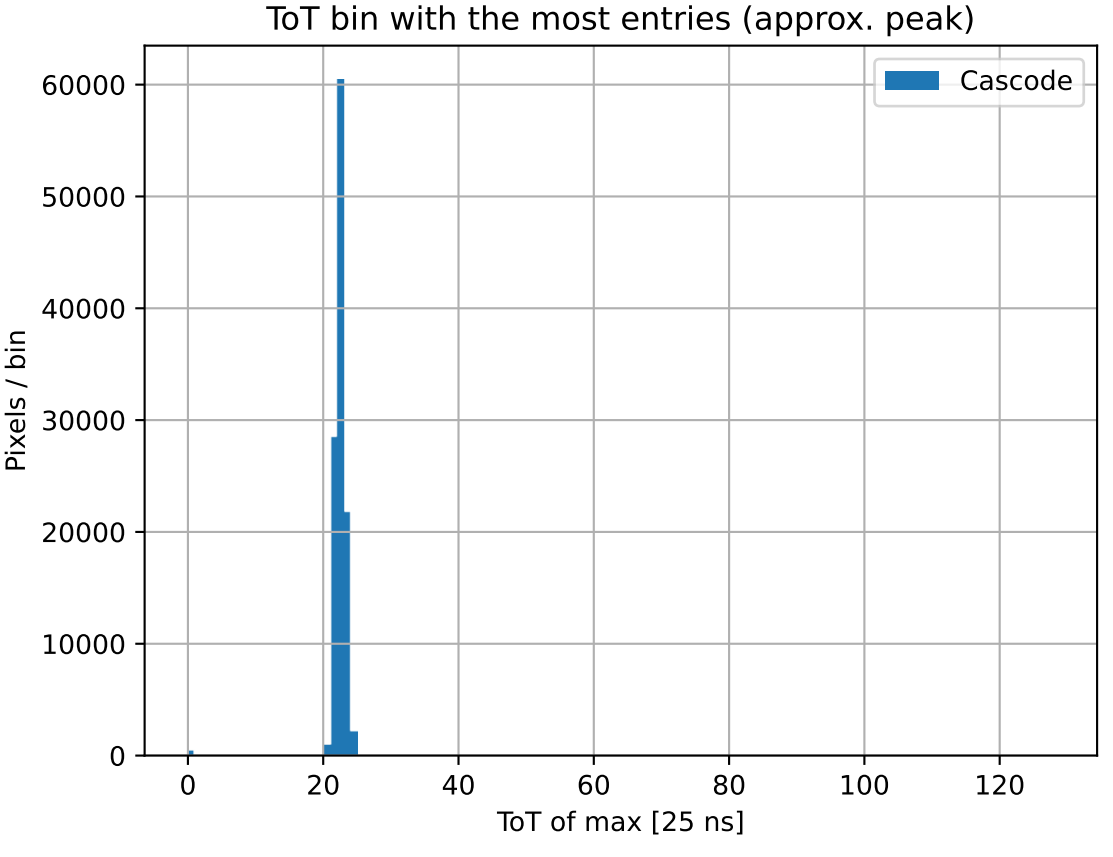
/mnt/c/Users/client/Desktop/tesi/TESI/Analysis/W14R12/source_analysis/Fe55/20221005_095404_source_scan_interpreted.h5
Chip = W14R12
Script version = 6f0536d

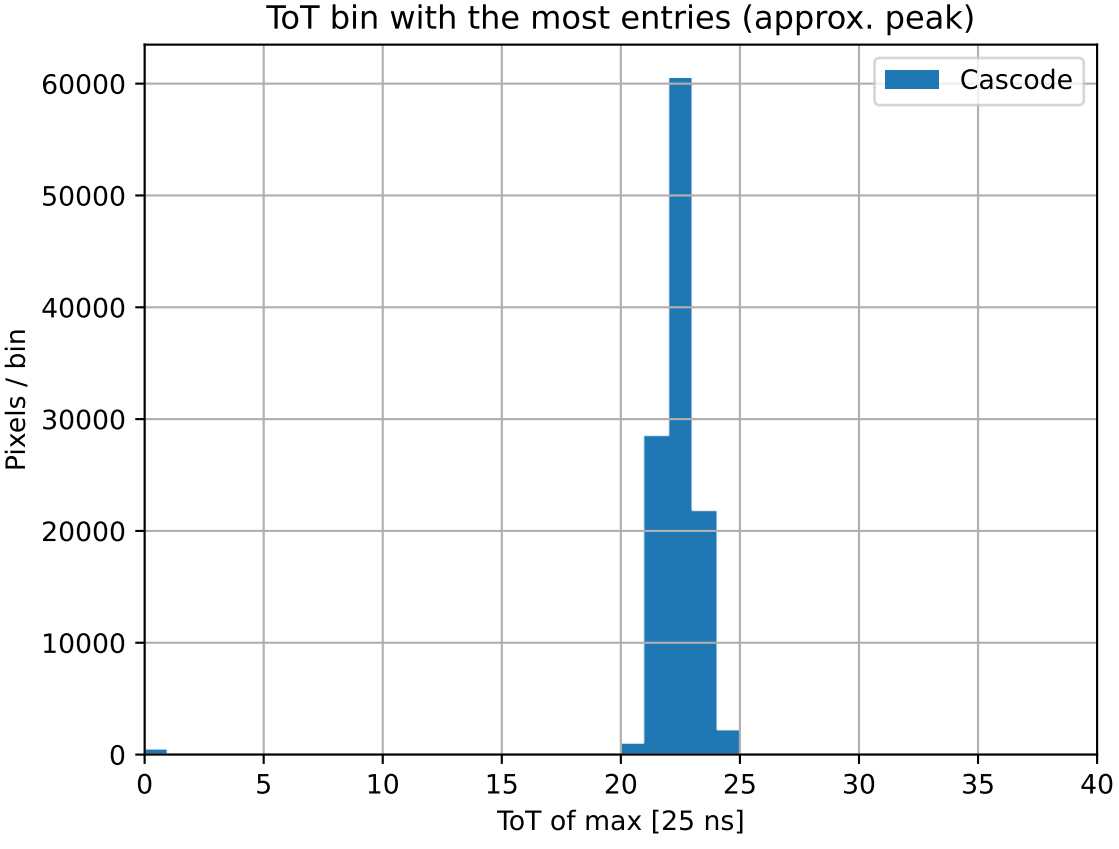
IBIAS = 50, ITHR = 64, ICASN = 0, IDB = 100, ITUNE = 53, VRESET = 143, VCASP = 93, VCASC = 228, VCLIP = 255, VL = 64, VH = 115, ICOMP = 80, IDEL = 88, IRAM = 50

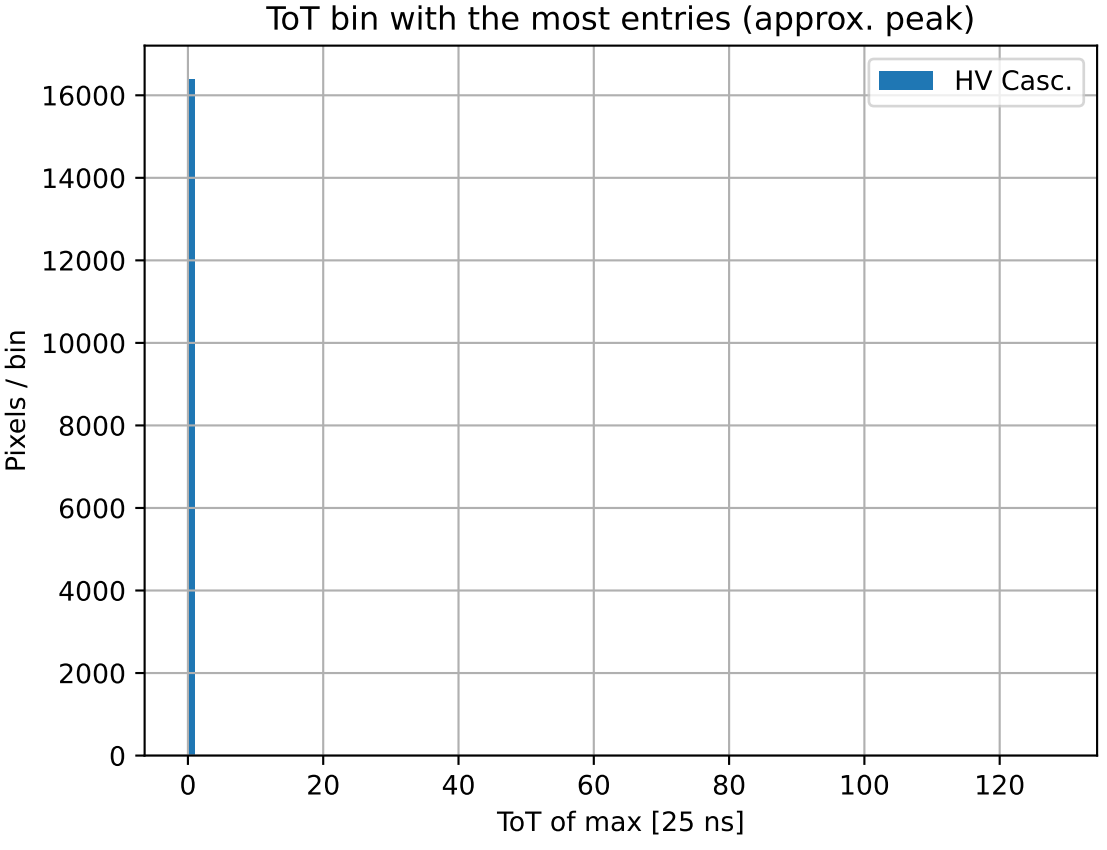
source_scan
start_column = 0, stop_column = 448, start_row = 0, stop_row = 512, scan_time = 9000

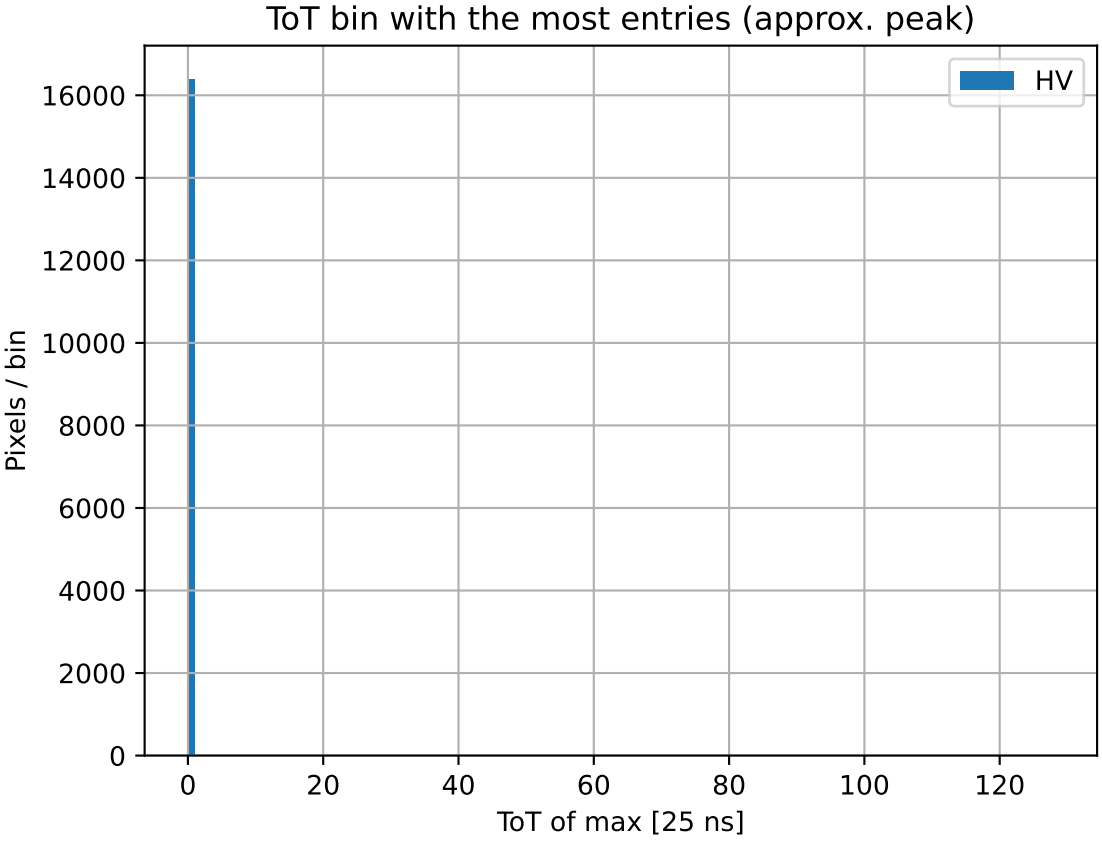

ToT bin with the most entries (approx. peak)
Normal
Pixels / bin
0
10000
20000
30000
40000
0
20
40
60
80
100
120
ToT of max [25 ns]

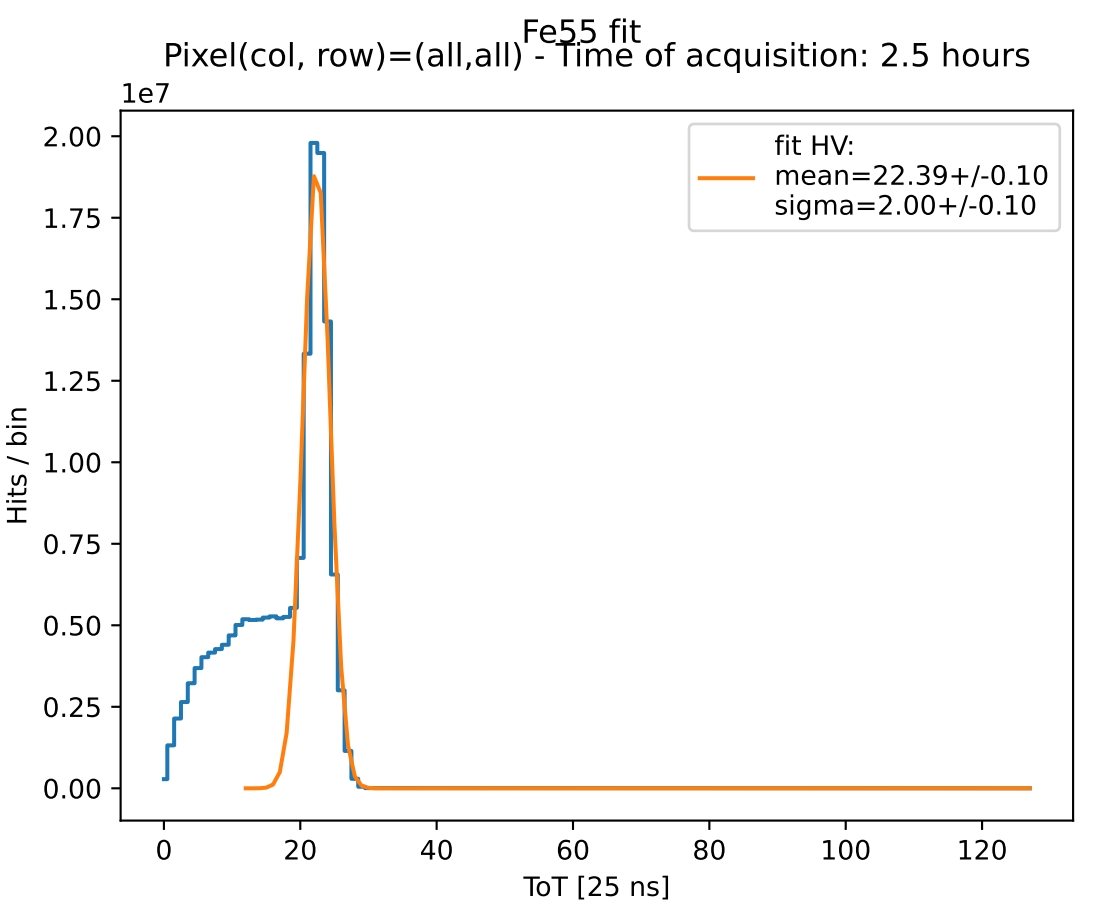

ToT bin with the most entries (approx. peak)
Normal
Pixels / bin
0
10000
20000
30000
40000
0
5
10
15
20
25
30
35
40
ToT of max [25 ns]

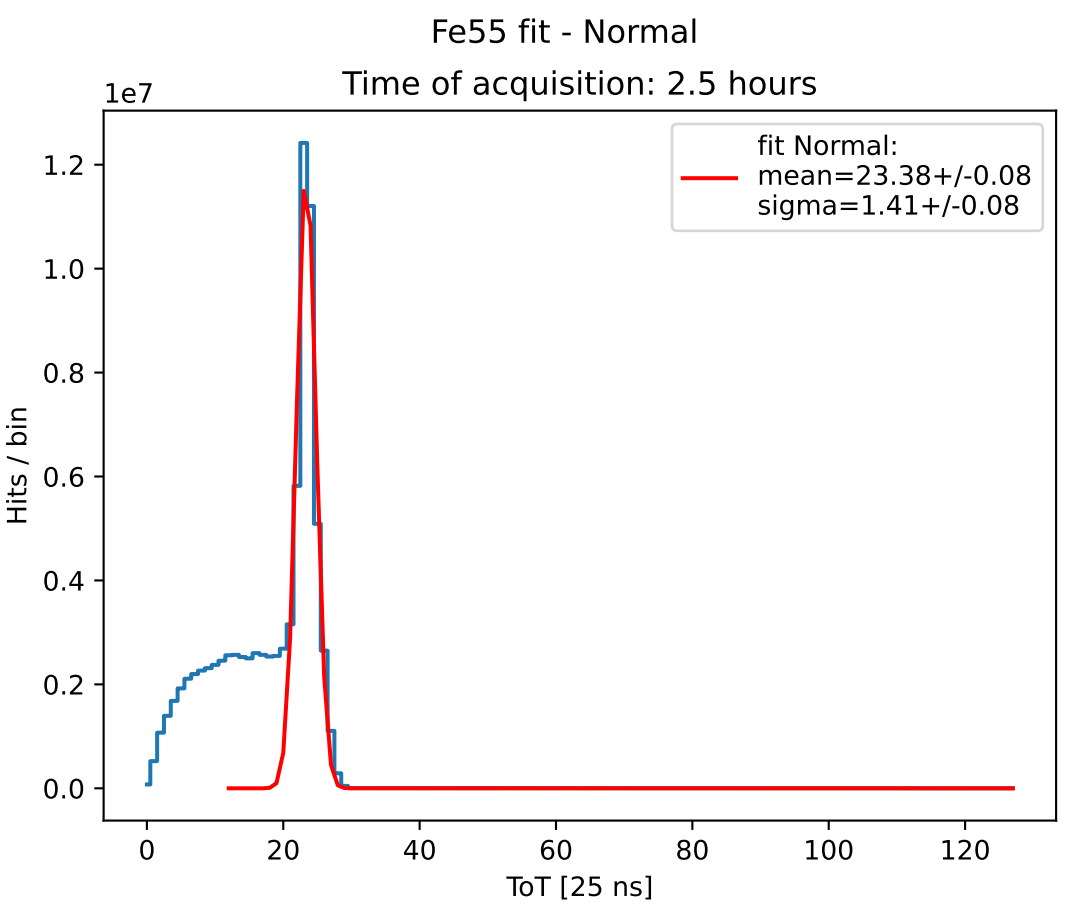

ToT bin with the most entries (approx. peak)
Cascode
Pixels / bin
0
10000
20000
30000
40000
50000
60000
0
20
40
60
80
100
120
ToT of max [25 ns]

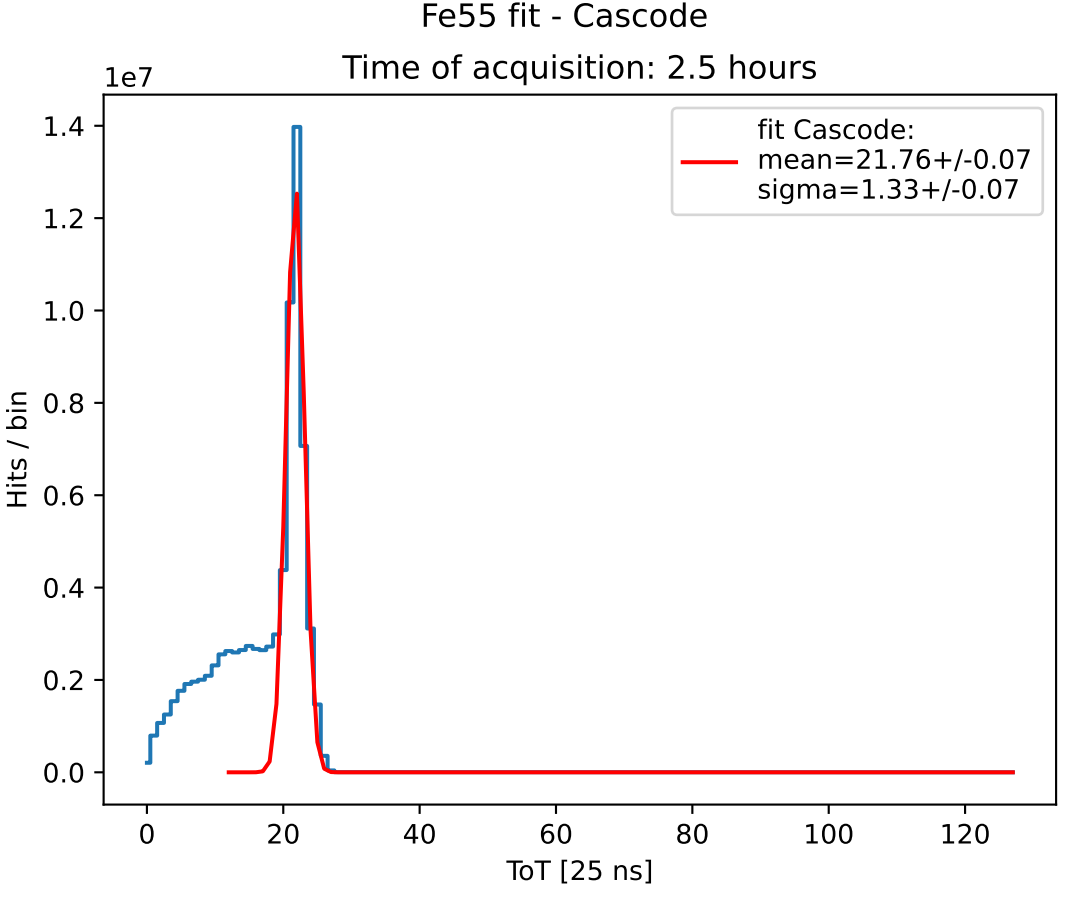

ToT bin with the most entries (approx. peak)
Cascode
Pixels / bin
0
10000
20000
30000
40000
50000
60000
0
5
10
15
20
25
30
35
40
ToT of max [25 ns]


ToT bin with the most entries (approx. peak)
HV Casc.
Pixels / bin
0
2000
4000
6000
8000
10000
12000
14000
16000
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
16000
0
20
40
60
80
100
120
ToT of max [25 ns]


Fe55 fit
Pixel(col, row)=(all,all) - Time of acquisition: 2.5 hours
1e7
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
Hits / bin
0
20
40
60
80
100
120
ToT [25 ns]
fit HV:
mean=22.39+/-0.10
sigma=2.00+/-0.10


Fe55 fit - Normal
Time of acquisition: 2.5 hours
1e7
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Hits / bin
fit Normal:
mean=23.38+/-0.08
sigma=1.41+/-0.08
0
20
40
60
80
100
120
ToT [25 ns]


Fe55 fit - Cascode
Time of acquisition: 2.5 hours
1e7
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Hits / bin
0
20
40
60
80
100
120
ToT [25 ns]
fit Cascode:
mean=21.76+/-0.07
sigma=1.33+/-0.07