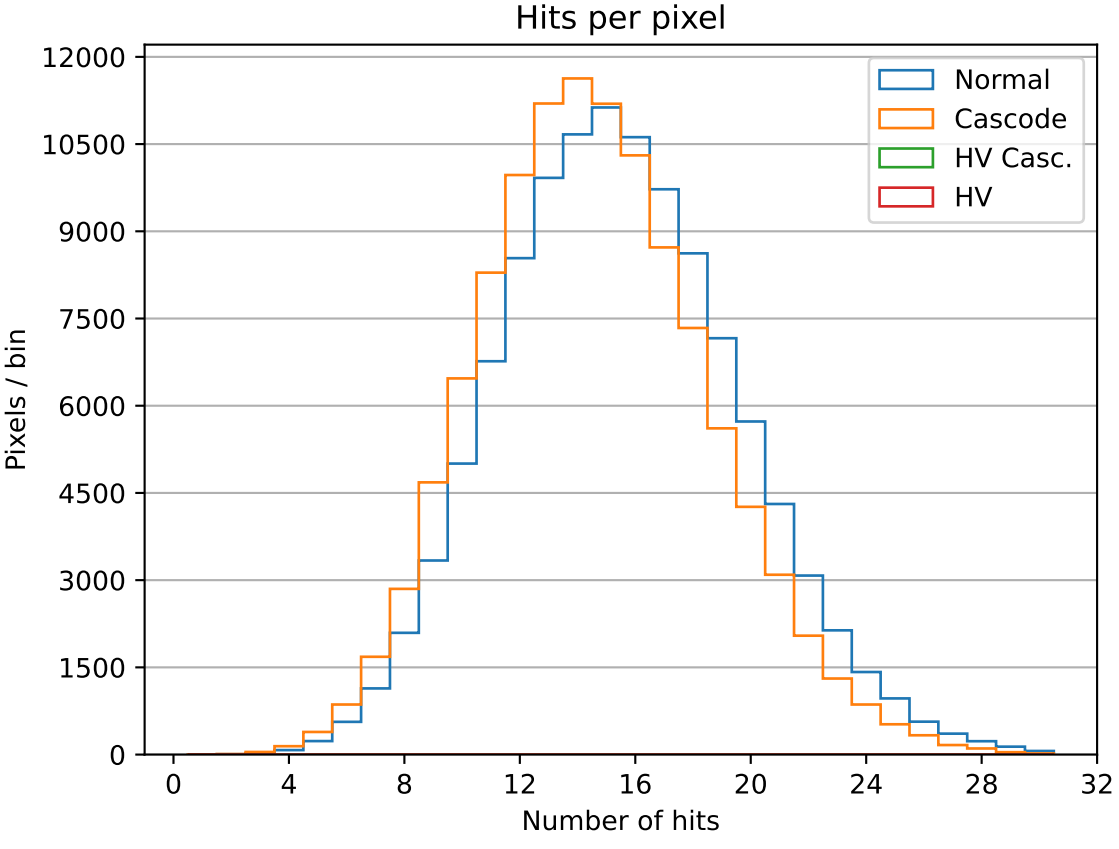
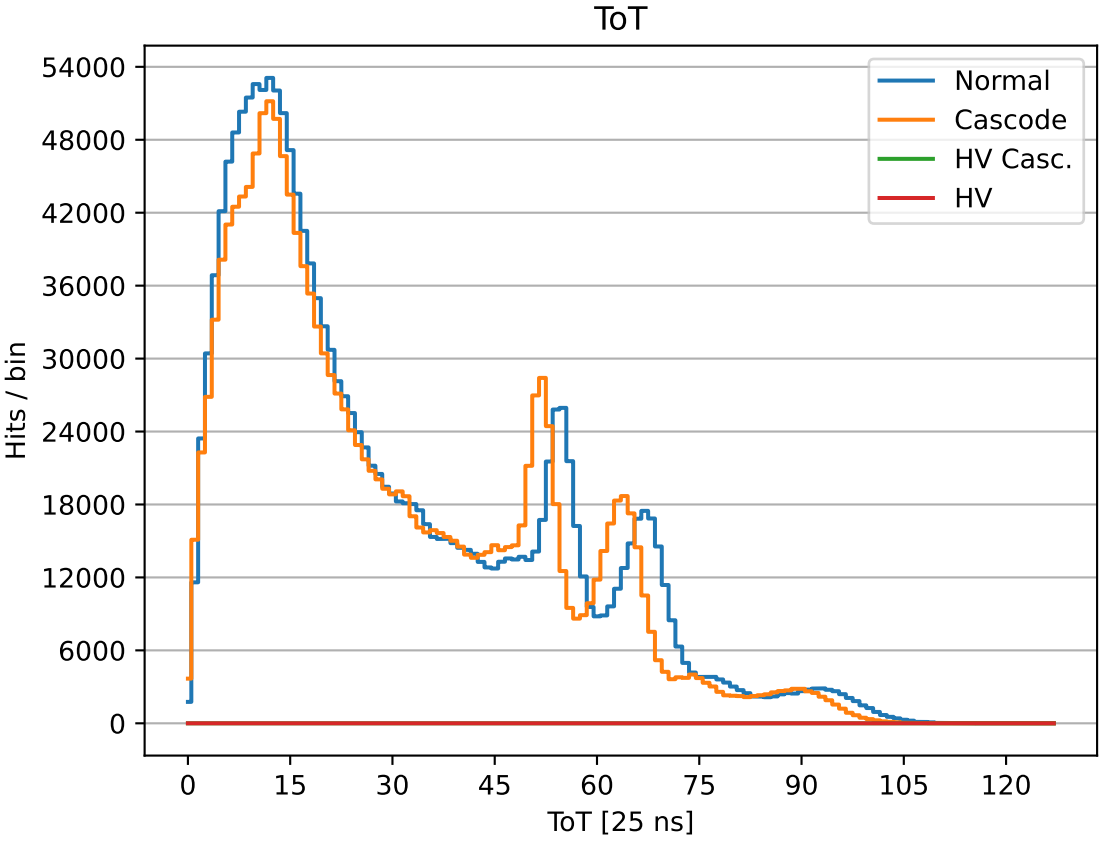
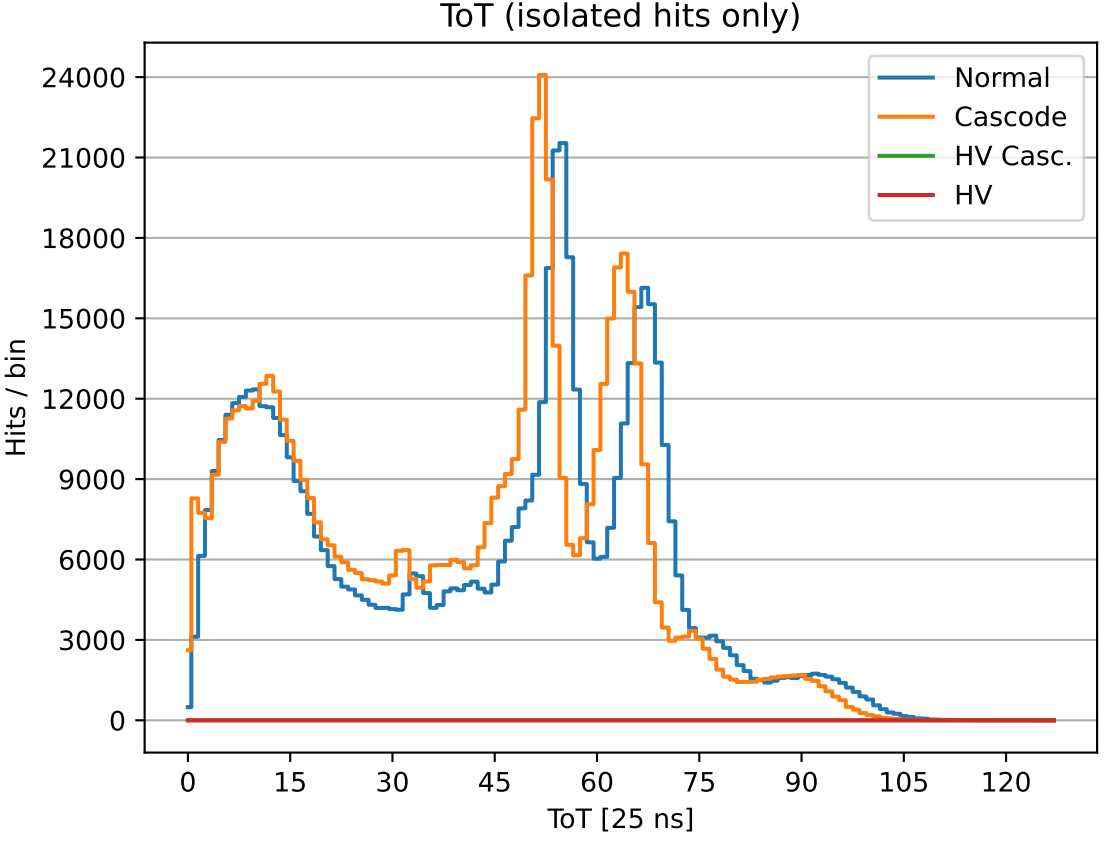
/mnt/c/Users/client/Desktop/tesi/tesi/Analysis/W14R12/source_analysis/Am241/normal_cascode/20221006_111203_source_scan_interpreted.h5
Chip = W14R12
Script version = 04adadf

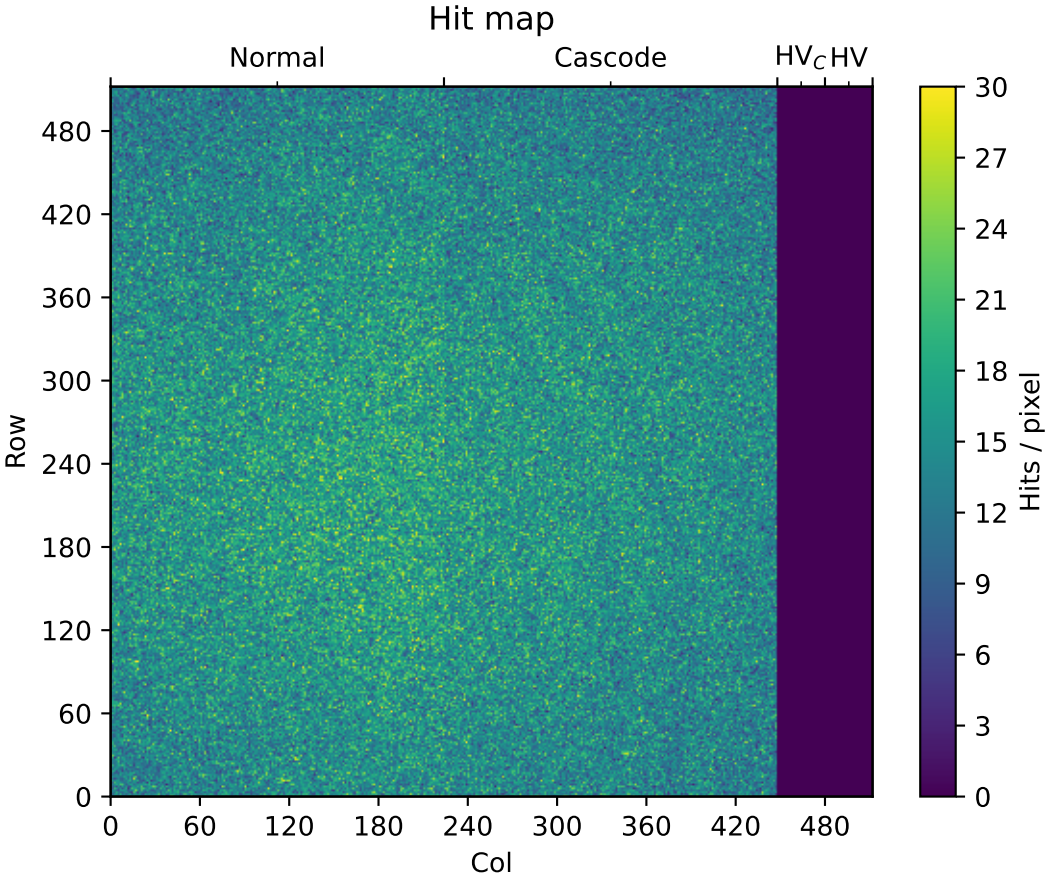
IBIAS = 50, ITHR = 64, ICASN = 0, IDB = 100, ITUNE = 53, VRESET = 143, VCASP = 93, VCASC = 228, VCLIP = 255, VL = 64, VH = 115, ICOMP = 80, IDEL = 88, IRAM = 50

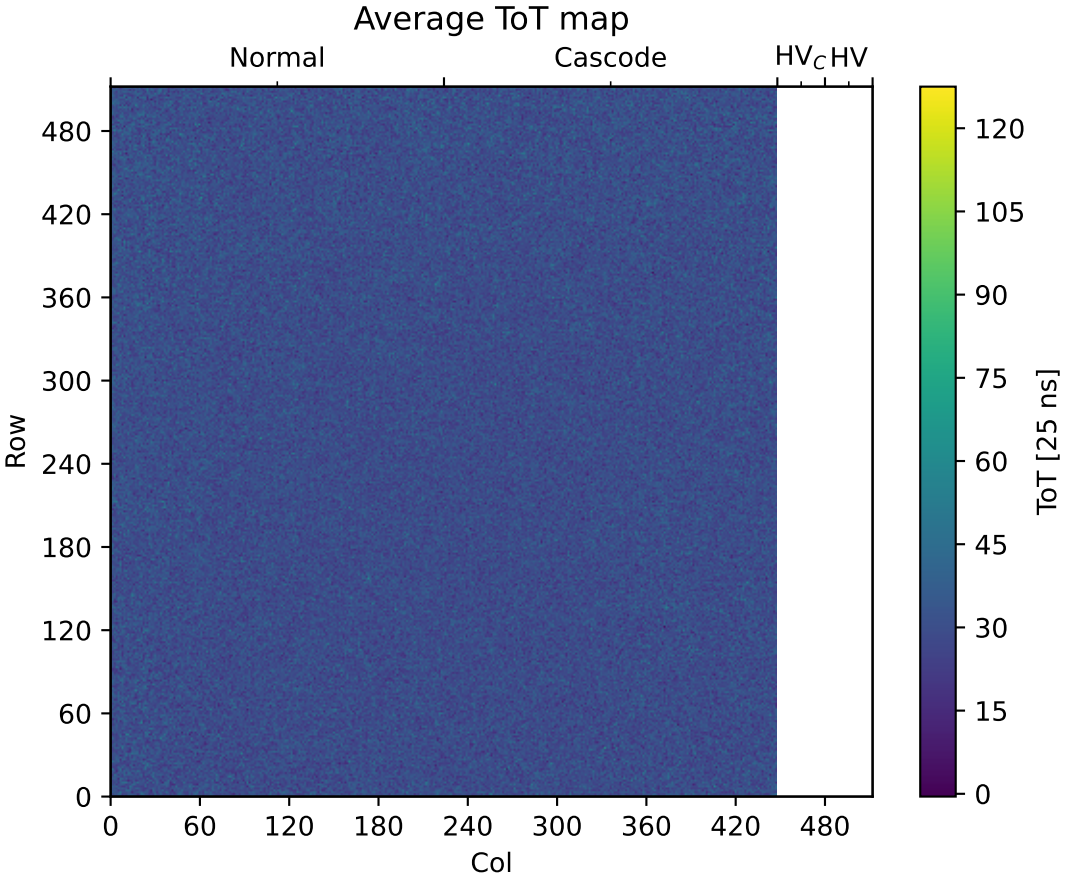
source_scan
start_column = 0, stop_column = 448, start_row = 0, stop_row = 512, scan_time = 900

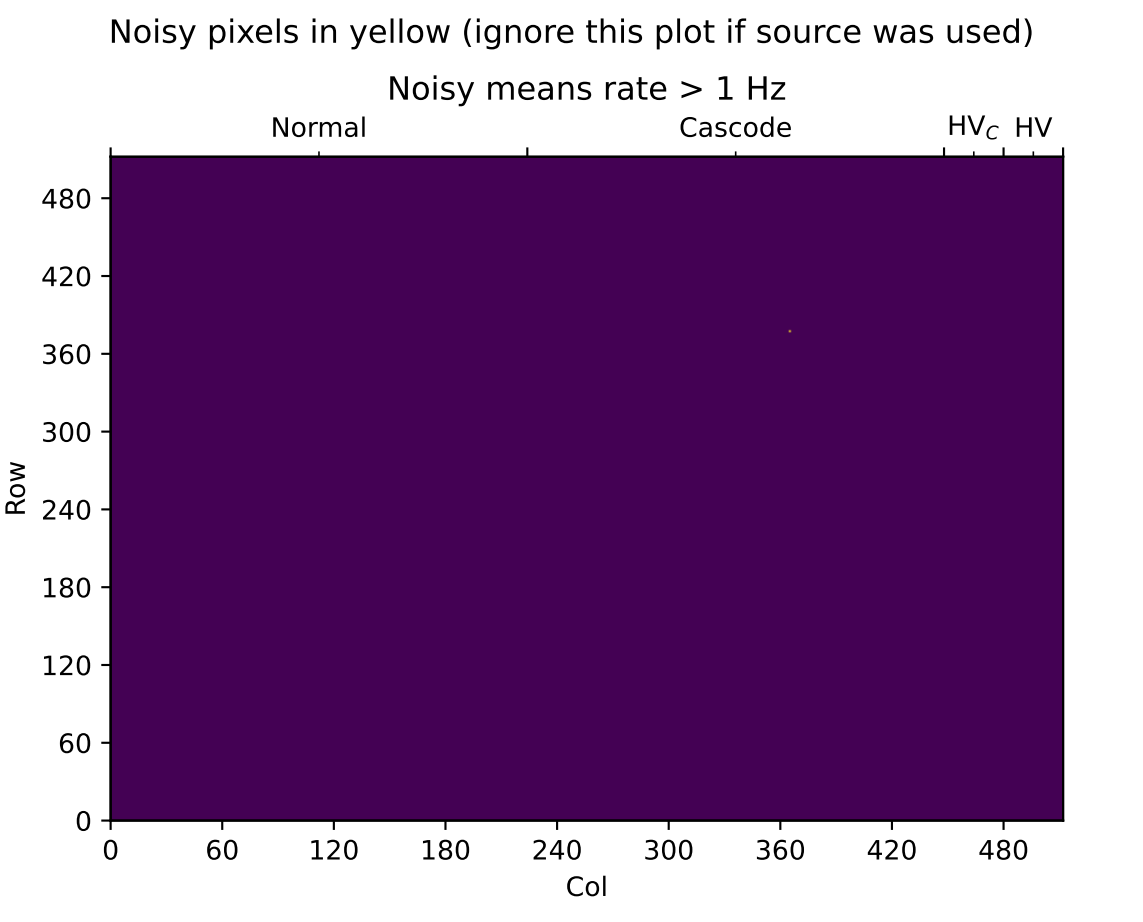

Hits per pixel
Normal
Cascode
HV Casc.
HV
Pixels / bin
Number of hits
0
1500
3000
4500
6000
7500
9000
10500
12000
0
4
8
12
16
20
24
28
32

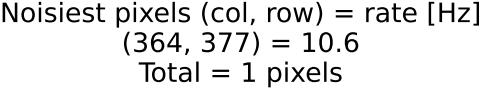

ToT
Normal
Cascode
HV Casc.
HV
Hits / bin
54000
48000
42000
36000
30000
24000
18000
12000
6000
0
0
15
30
45
60
75
90
105
120
ToT [25 ns]

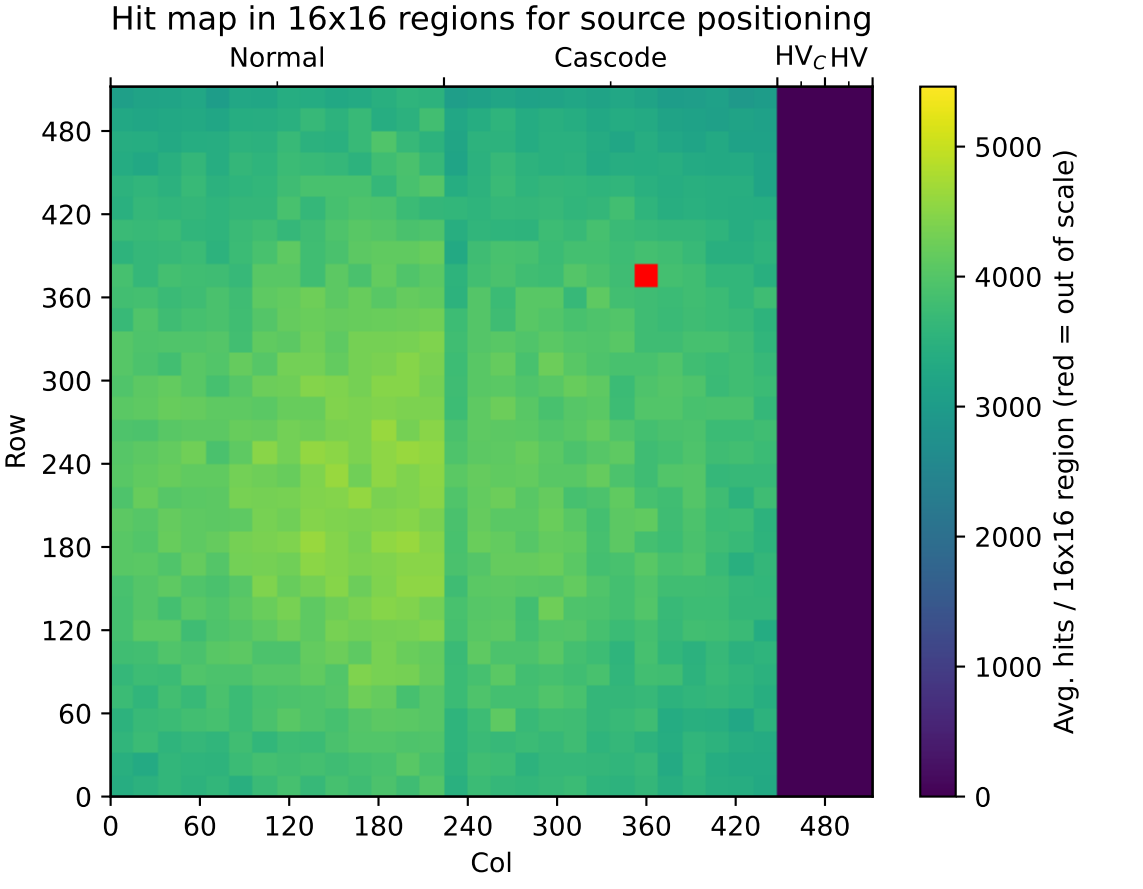

ToT (isolated hits only)
Normal
Cascode
HV Casc.
HV
Hits / bin
24000
21000
18000
15000
12000
9000
6000
3000
0
0
15
30
45
60
75
90
105
120
ToT [25 ns]


Hit map
Normal
Cascode
HV
HV_C
Row
Col
Hits / pixel
0
60
120
180
240
300
360
420
480
0
3
6
9
12
15
18
21
24
27
30


Average ToT map
Normal
Cascode
HV
HV_C
Row
Col
ToT [25 ns]
0
60
120
180
240
300
360
420
480
0
15
30
45
60
75
90
105
120


Noisy pixels in yellow (ignore this plot if source was used)
Noisy means rate > 1 Hz
Normal
Cascode
HV$_C$
HV
Row
Col
0
60
120
180
240
300
360
420
480


Noisiest pixels (col, row) = rate [Hz]
(364, 377) = 10.6
Total = 1 pixels


Hit map in 16x16 regions for source positioning
Normal
Cascode
HV$_C$
HV
Row
Col
0
60
120
180
240
300
360
420
480
Avg. hits / 16x16 region (red = out of scale)
0
1000
2000
3000
4000
5000