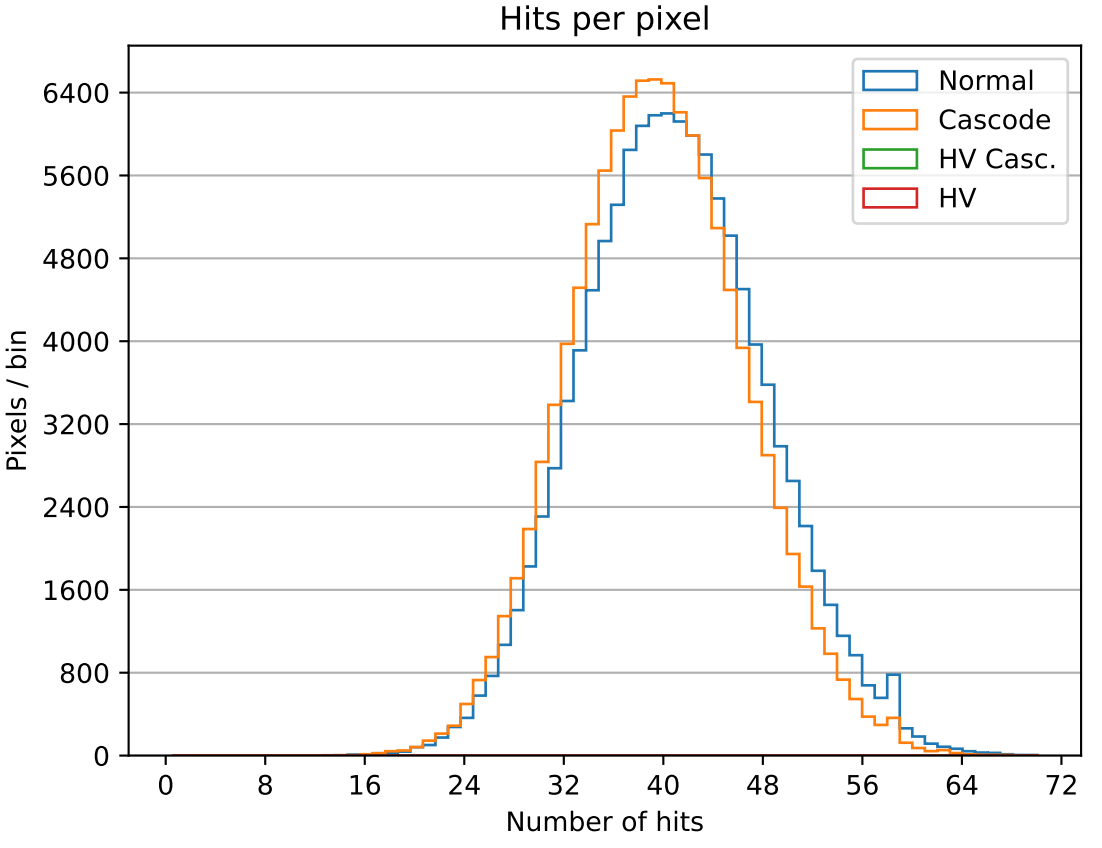
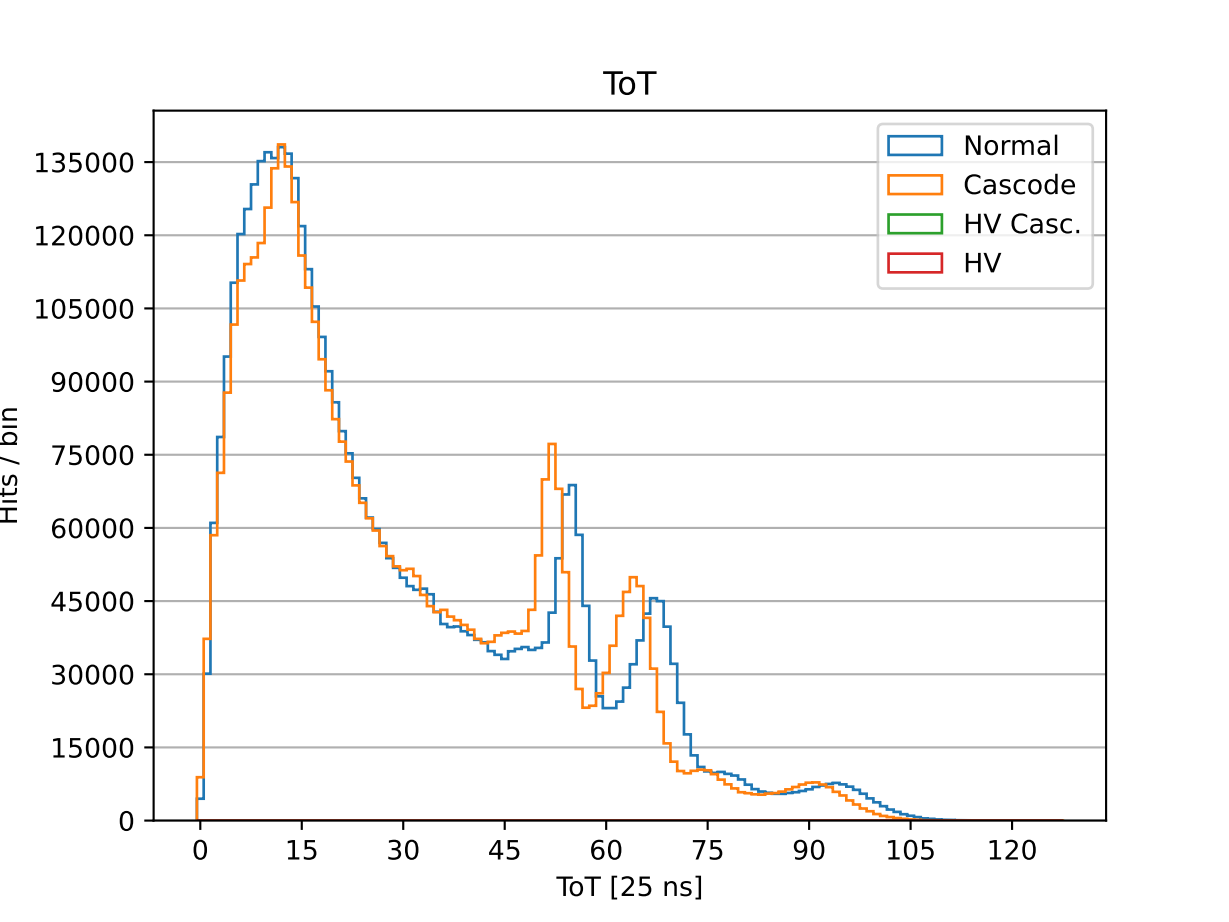
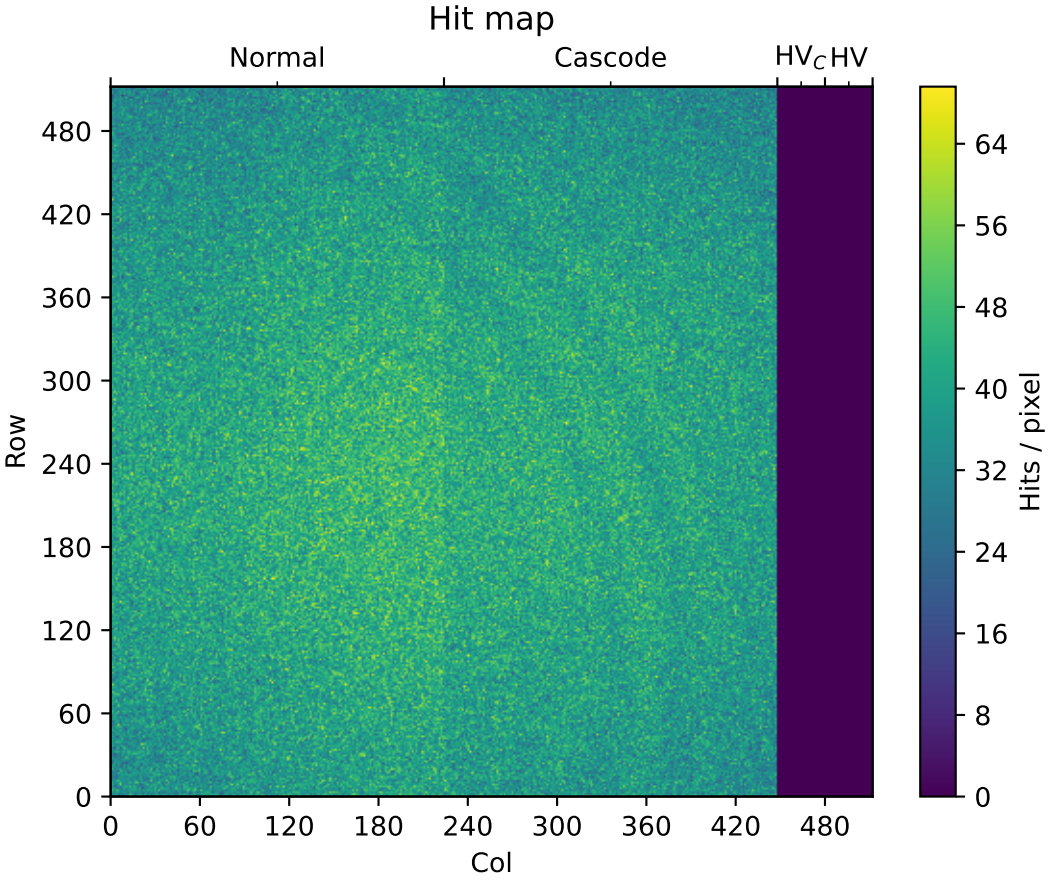
/home/labb2/tj-monopix2-daq/tjmonopix2/scans/output_data/module_0/chip_0/20221006_172029_source_scan_interpreted.h5
Chip = W14R12
Script version = db4fec6

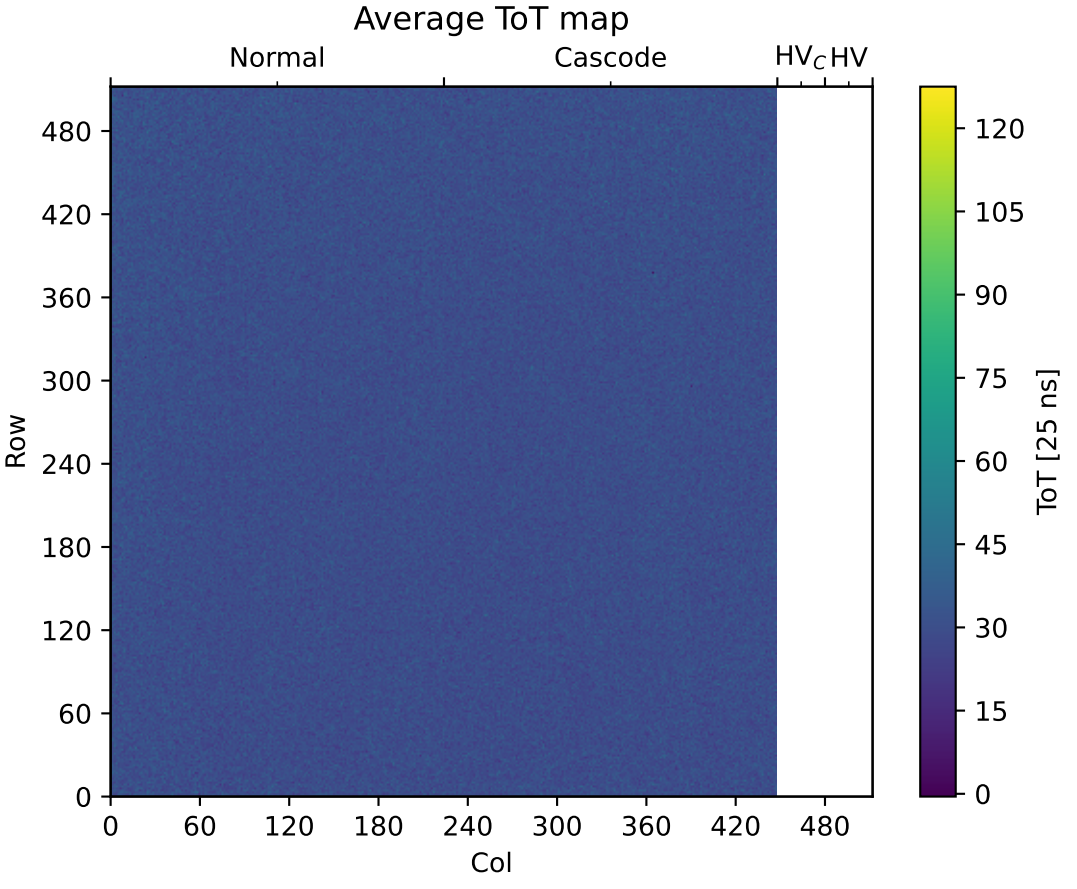
IBIAS = 50, ITHR = 64, ICASN = 0, IDB = 100, ITUNE = 53, VRESET = 143, VCASP = 93, VCASC = 228, VCLIP = 255, VL = 64, VH = 115, ICOMP = 80, IDEL = 88, IRAM = 50

source_scan
start_column = 0, stop_column = 448, start_row = 0, stop_row = 512, scan_time = 2400

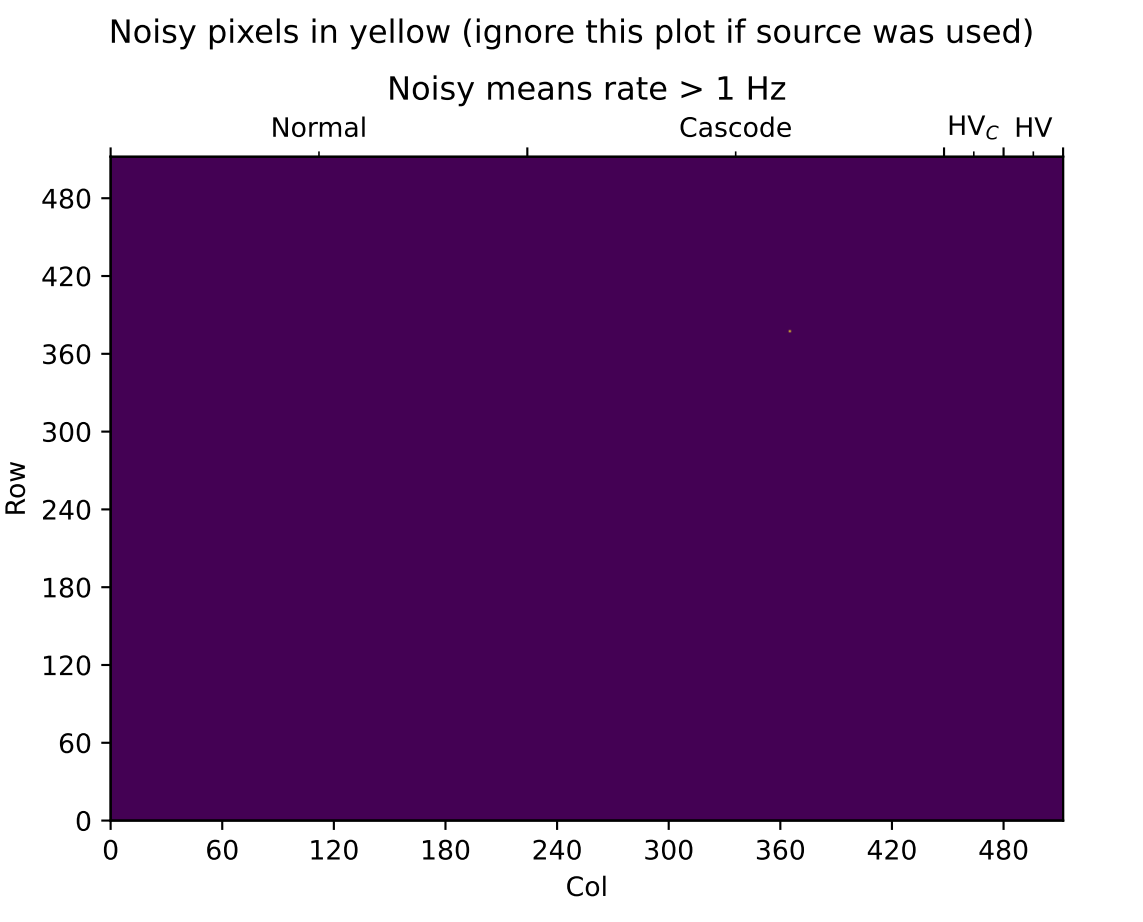

Hits per pixel
Normal
Cascode
HV Casc.
HV
Pixels / bin
0
800
1600
2400
3200
4000
4800
5600
6400
0
8
16
24
32
40
48
56
64
72
Number of hits

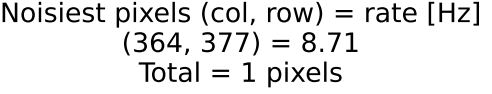

ToT
Normal
Cascode
HV Casc.
HV
Hits / bin
0
15000
30000
45000
60000
75000
90000
105000
120000
135000
0
15
30
45
60
75
90
105
120
ToT [25 ns]

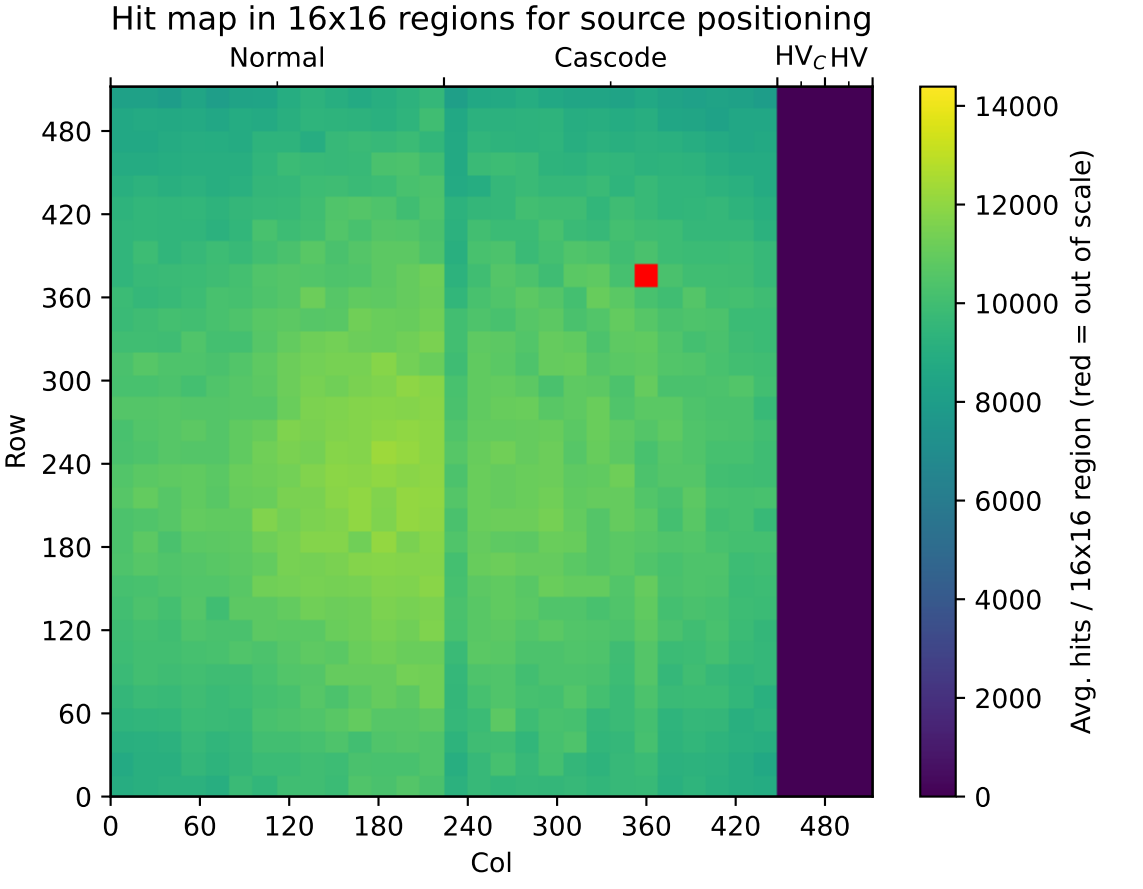

Hit map
Normal
Cascode
HV$_C$
HV
Row
Col
Hits / pixel
0
60
120
180
240
300
360
420
480
0
8
16
24
32
40
48
56
64



Average ToT map
Normal
Cascode
HV$_C$
HV
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) = 8.71
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
14000
12000
10000
8000
6000
4000
2000
Avg. hits / 16x16 region (red = out of scale)