

/mnt/c/Users/client/Desktop/tesi/tesi/Analysis/W14R12/threshold_scan/all_HV/140/
20221007_100832_threshold_scan_interpreted.h5

Chip = W14R12

Script version = 9f88adb

IBIAS = 60, ITHR = 30, ICASN = 8, IDB = 100, ITUNE = 53, VRESET = 100, VCASP =
40, VCASC = 228, VCLIP = 255, VL = 2, VH = 140, ICOMP = 80, IDEL = 88, IRAM = 50

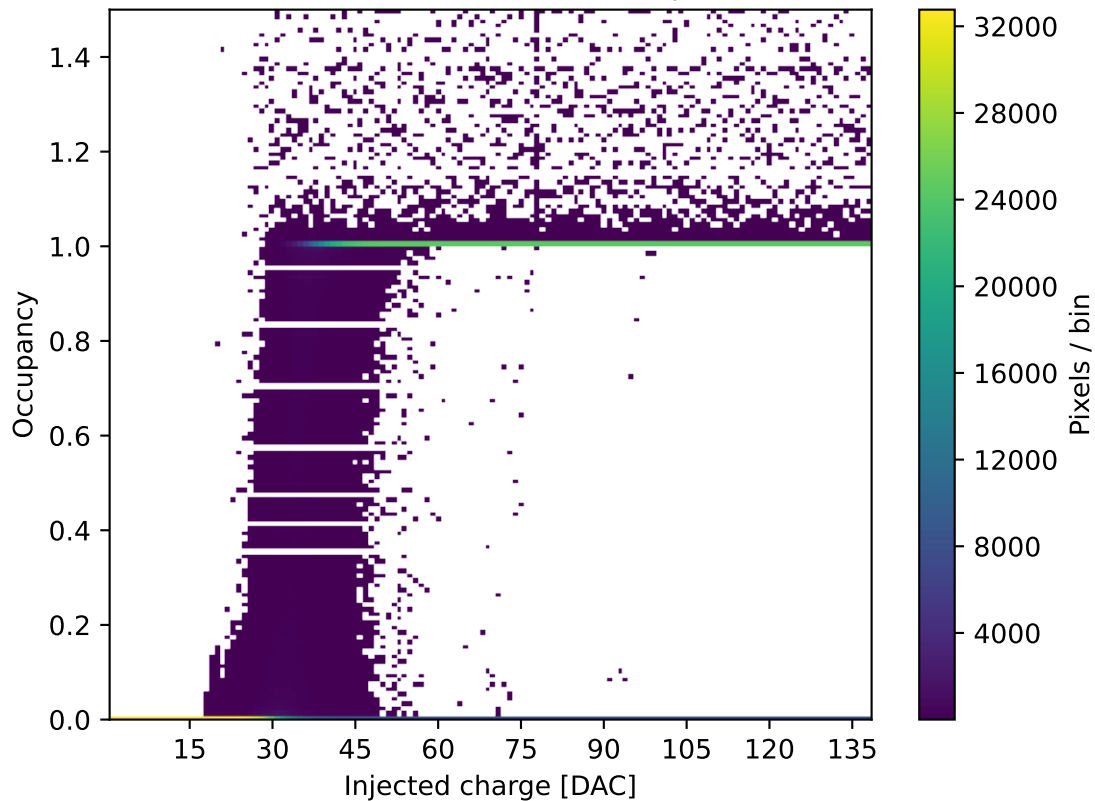
threshold_scan

start_column = 448, stop_column = 512, start_row = 0, stop_row = 512,
n_injections = 100, VCAL_HIGH = 140, VCAL_LOW_start = 139, VCAL_LOW_stop = 1,
VCAL_LOW_step = -1

$(483, 379) = 141.5$, $(485, 352) = 106.1$, $(483, 283) = 104.8$, $(486, 498) = 104.3$
 $(480, 317) = 95.6$, $(494, 463) = 91.6$, $(493, 242) = 84.3$, $(491, 19) = 71.8$
 $(476, 24) = 59.4$, $(483, 340) = 58.2$, $(494, 442) = 57.7$, $(483, 2) = 49.9$
 $(479, 183) = 47.4$, $(474, 53) = 41.3$, $(481, 257) = 37.6$, $(476, 211) = 34.9$
 $(494, 482) = 33.6$, $(461, 126) = 29.3$, $(469, 372) = 25.4$, $(465, 302) = 23.8$
 $(484, 461) = 23.1$, $(467, 155) = 21.3$, $(468, 101) = 18.8$, $(467, 91) = 18.7$
 $(493, 332) = 15.9$, $(487, 16) = 14.2$, $(495, 466) = 10.0$, $(487, 452) = 9.8$
 $(465, 223) = 9.8$, $(480, 83) = 9.0$, $(492, 63) = 9.0$, $(471, 54) = 7.6$
 $(489, 510) = 7.2$, $(493, 327) = 7.1$, $(491, 240) = 7.1$, $(452, 248) = 6.9$
 $(473, 17) = 6.8$, $(464, 61) = 6.3$, $(495, 318) = 6.1$, $(481, 394) = 5.8$
 $(487, 395) = 5.8$, $(471, 370) = 5.8$, $(483, 480) = 5.4$, $(481, 118) = 5.0$
 $(493, 117) = 4.7$, $(459, 79) = 4.5$, $(456, 363) = 4.4$, $(495, 93) = 4.4$
 $(493, 105) = 4.2$, $(491, 450) = 4.0$, $(483, 402) = 3.6$, $(477, 378) = 3.4$
 $(485, 491) = 3.3$, $(493, 106) = 3.0$, $(483, 160) = 3.0$, $(495, 279) = 2.9$
 $(491, 342) = 2.9$, $(494, 183) = 2.8$, $(489, 302) = 2.7$, $(481, 98) = 2.5$
 $(487, 292) = 2.5$, $(487, 78) = 2.4$, $(485, 221) = 2.1$, $(483, 223) = 2.0$
 $(483, 330) = 2.0$, $(481, 200) = 2.0$, $(477, 175) = 2.0$, $(491, 414) = 1.9$
 $(495, 340) = 1.9$, $(489, 396) = 1.9$, $(480, 307) = 1.9$, $(493, 470) = 1.9$
 $(491, 437) = 1.8$, $(483, 82) = 1.8$, $(473, 448) = 1.8$, $(495, 46) = 1.8$
 $(491, 120) = 1.7$, $(493, 402) = 1.7$, $(491, 328) = 1.7$, $(495, 322) = 1.7$
 $(489, 308) = 1.7$, $(485, 440) = 1.6$, $(489, 334) = 1.6$, $(492, 171) = 1.6$
 $(494, 467) = 1.6$, $(449, 474) = 1.6$, $(486, 309) = 1.5$, $(487, 377) = 1.5$
 $(467, 359) = 1.5$, $(481, 332) = 1.5$, $(479, 228) = 1.5$, $(481, 108) = 1.5$
 $(487, 312) = 1.5$, $(479, 434) = 1.4$, $(475, 501) = 1.4$, $(480, 424) = 1.4$
 $(494, 14) = 1.4$, $(483, 30) = 1.4$, $(487, 84) = 1.4$, $(489, 501) = 1.4$,

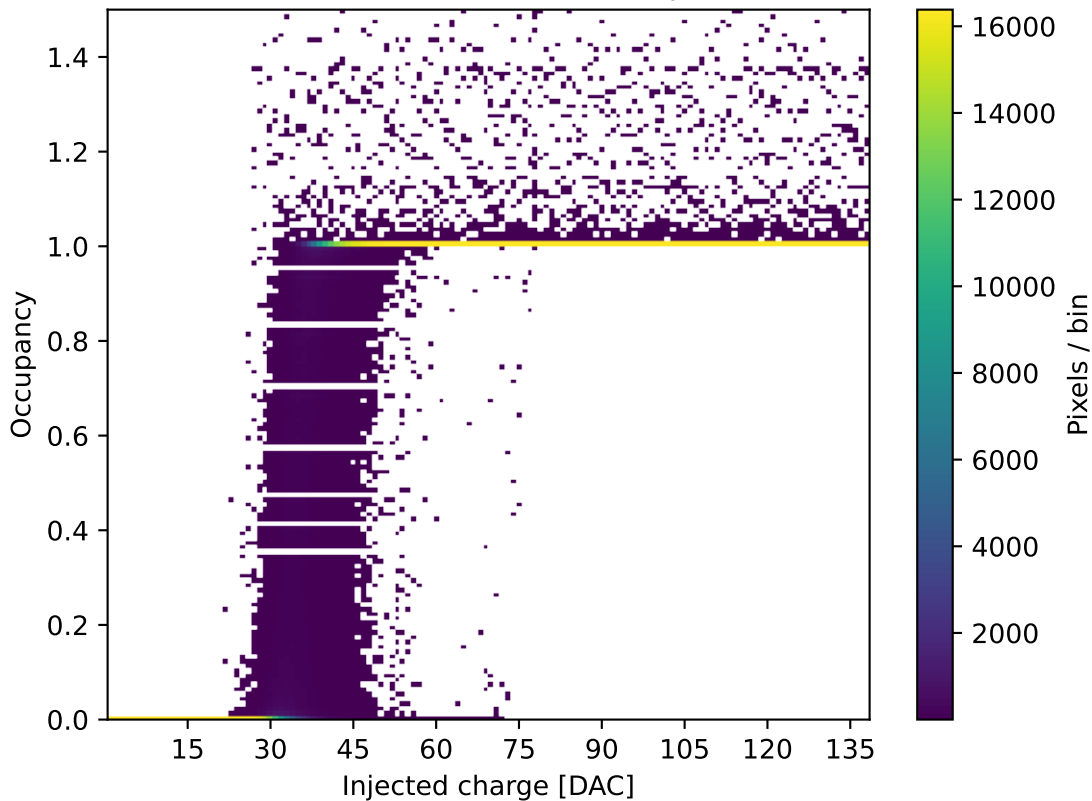
S-Curve (All FEs)

VH = 140, VL = 139..1 (step -1)



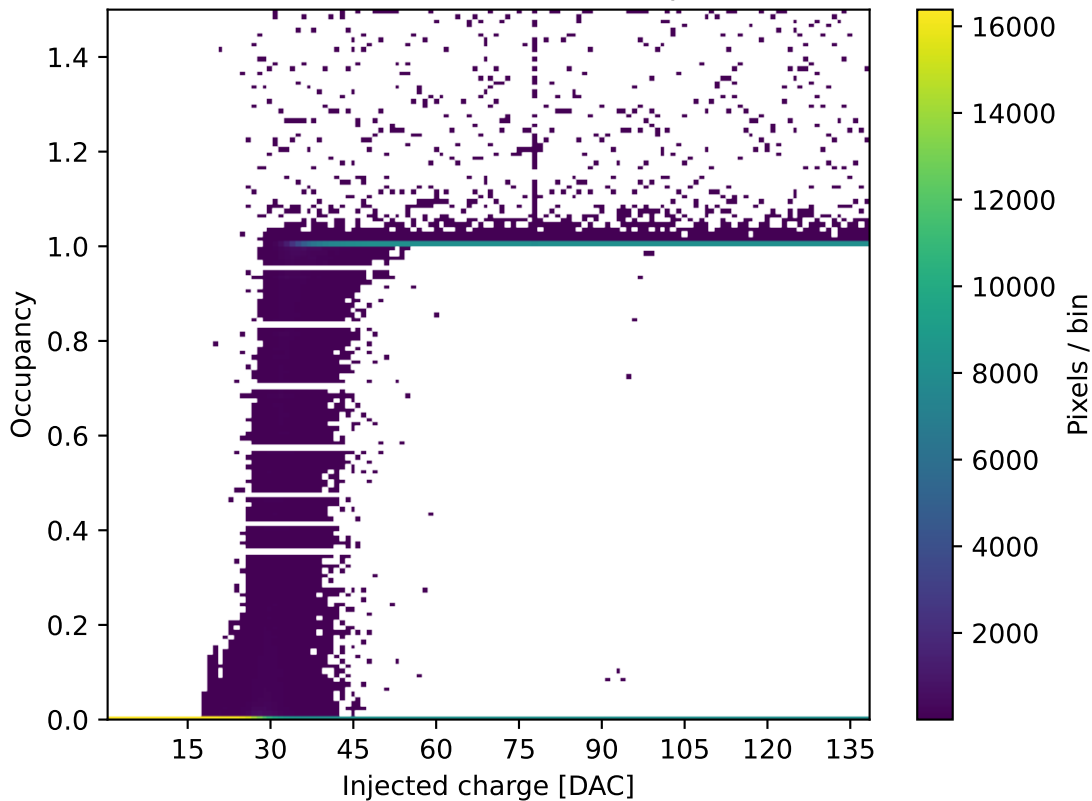
S-Curve (HV Casc.)

VH = 140, VL = 139..1 (step -1)



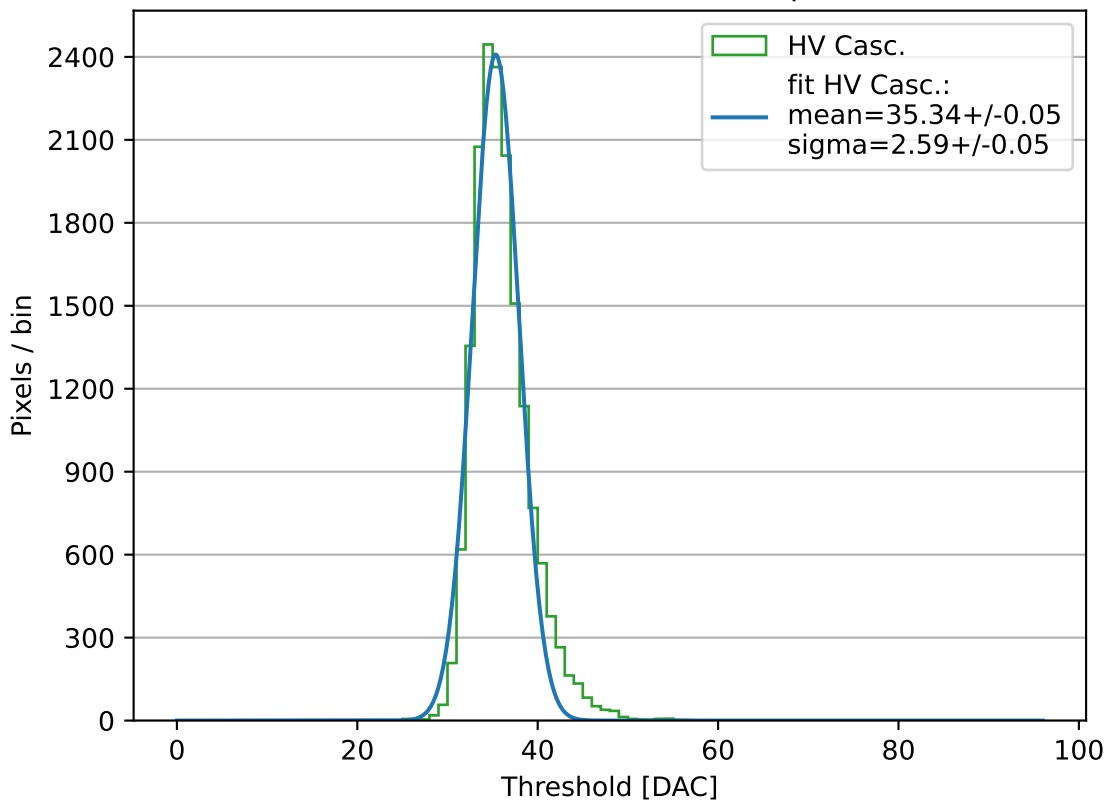
S-Curve (HV)

VH = 140, VL = 139..1 (step -1)



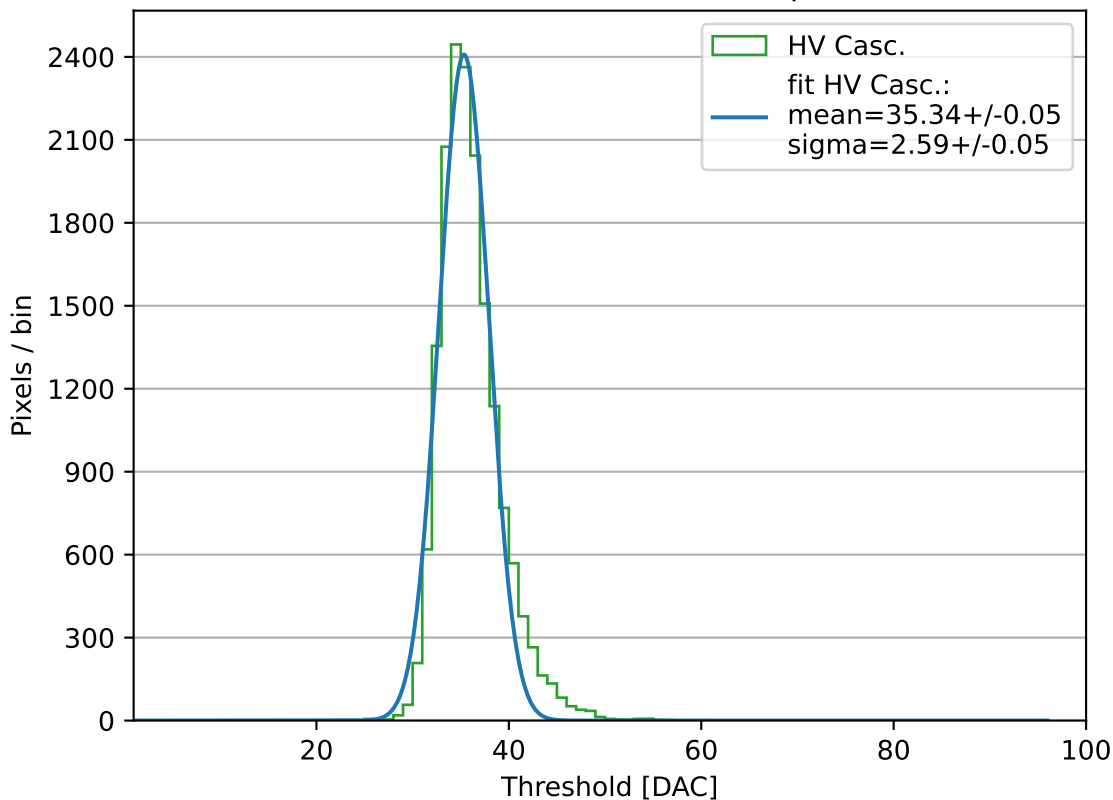
Threshold distribution (HV Casc.)

VH = 140, VL = 139..1 (step -1)



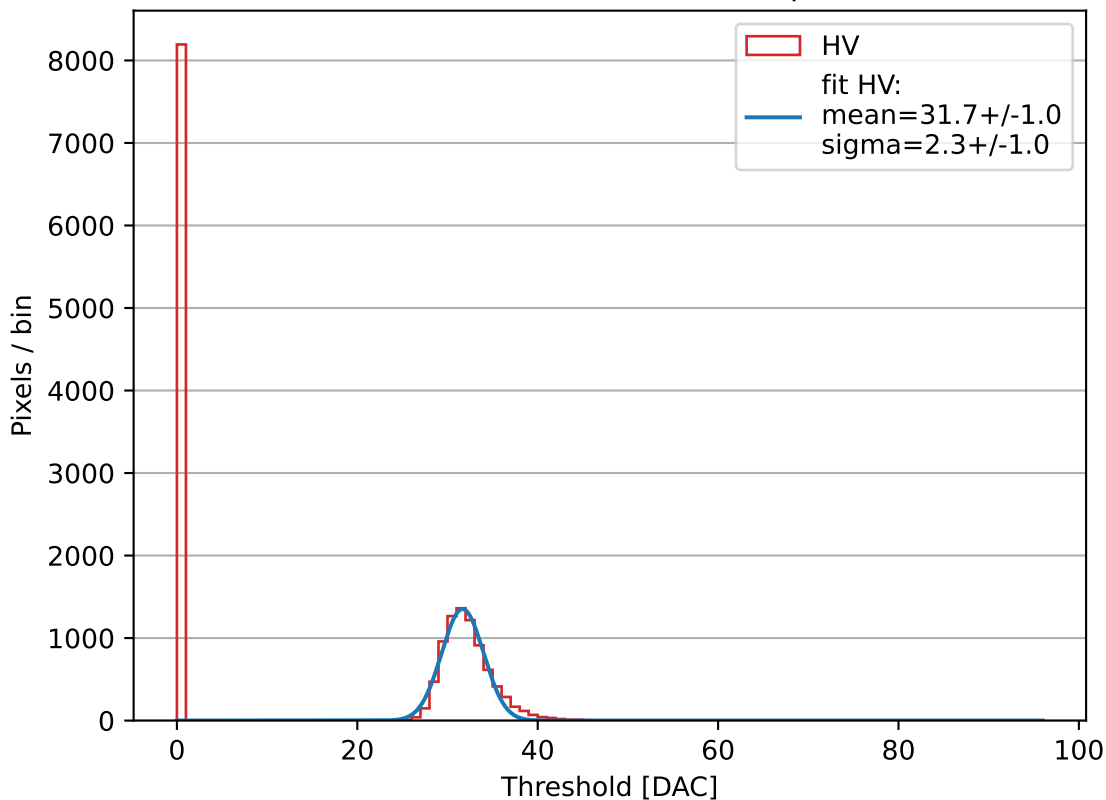
Threshold distribution (HV Casc.)

VH = 140, VL = 139..1 (step -1)



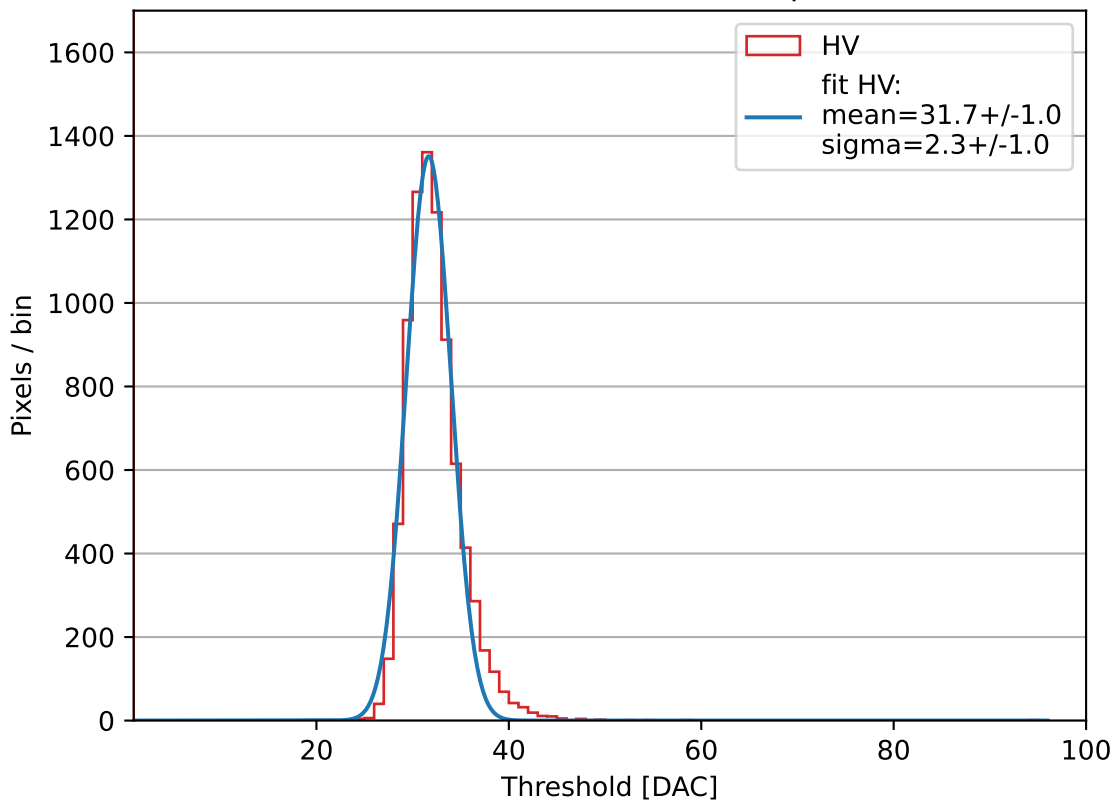
Threshold distribution (HV)

VH = 140, VL = 139..1 (step -1)



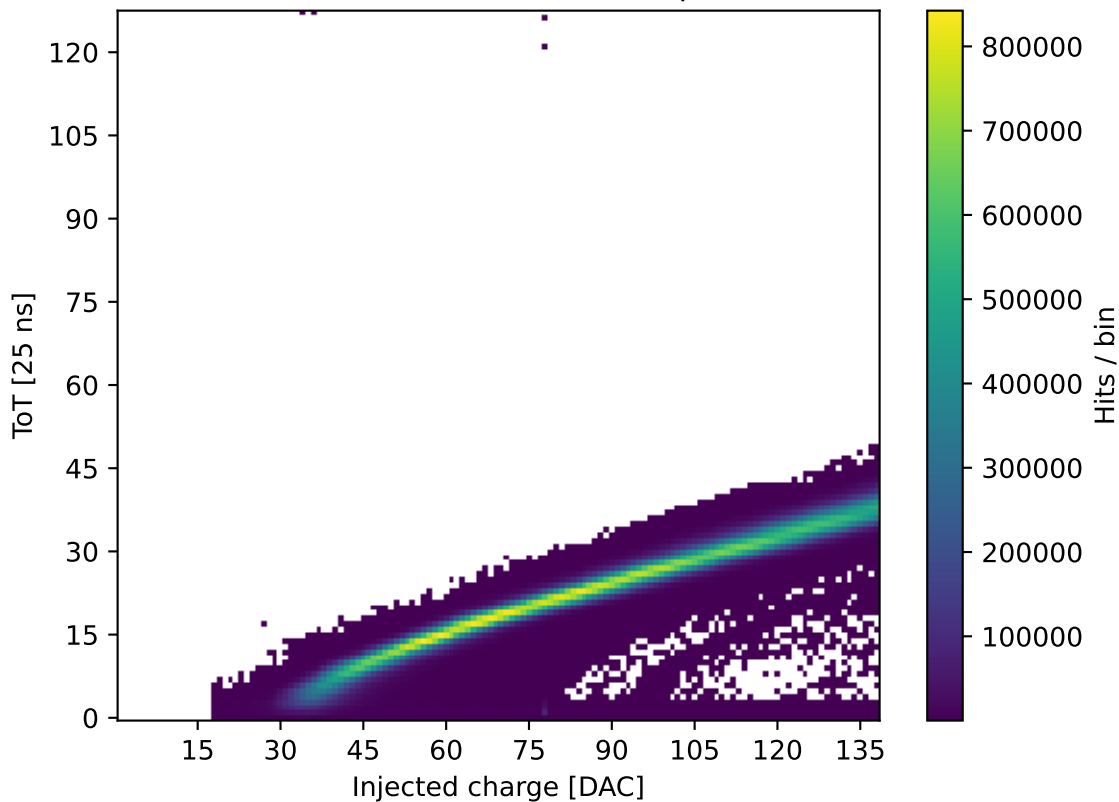
Threshold distribution (HV)

VH = 140, VL = 139..1 (step -1)



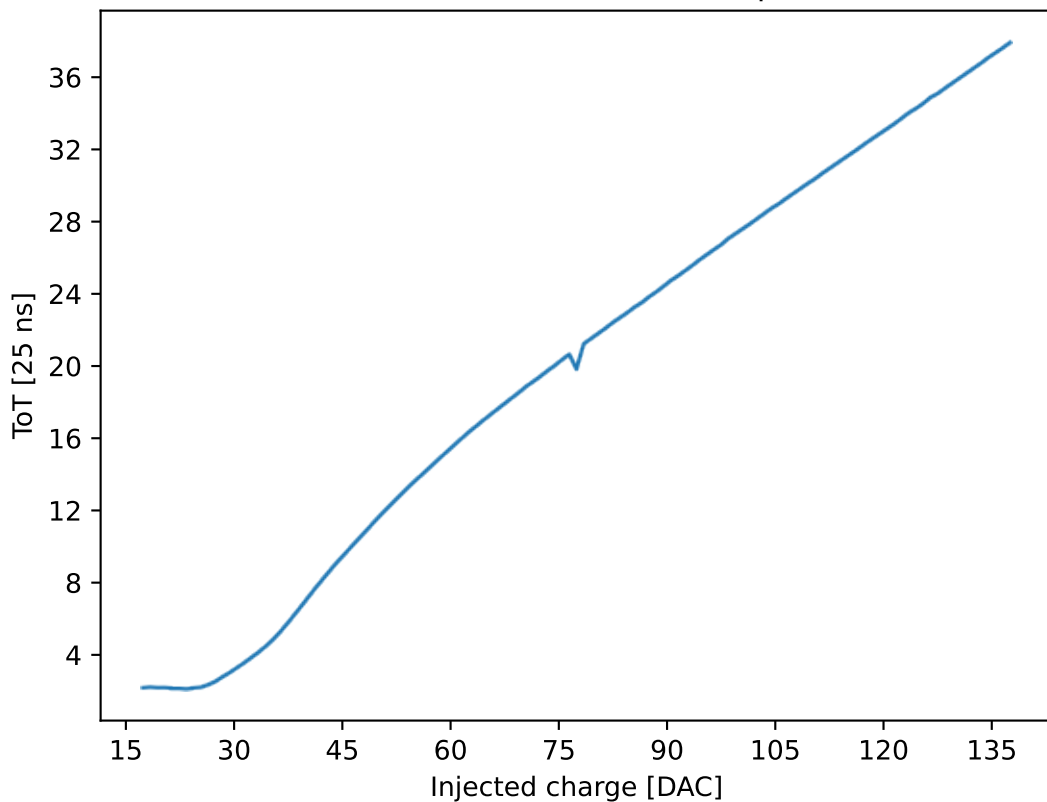
ToT curve (All FEs)

VH = 140, VL = 139..1 (step -1)



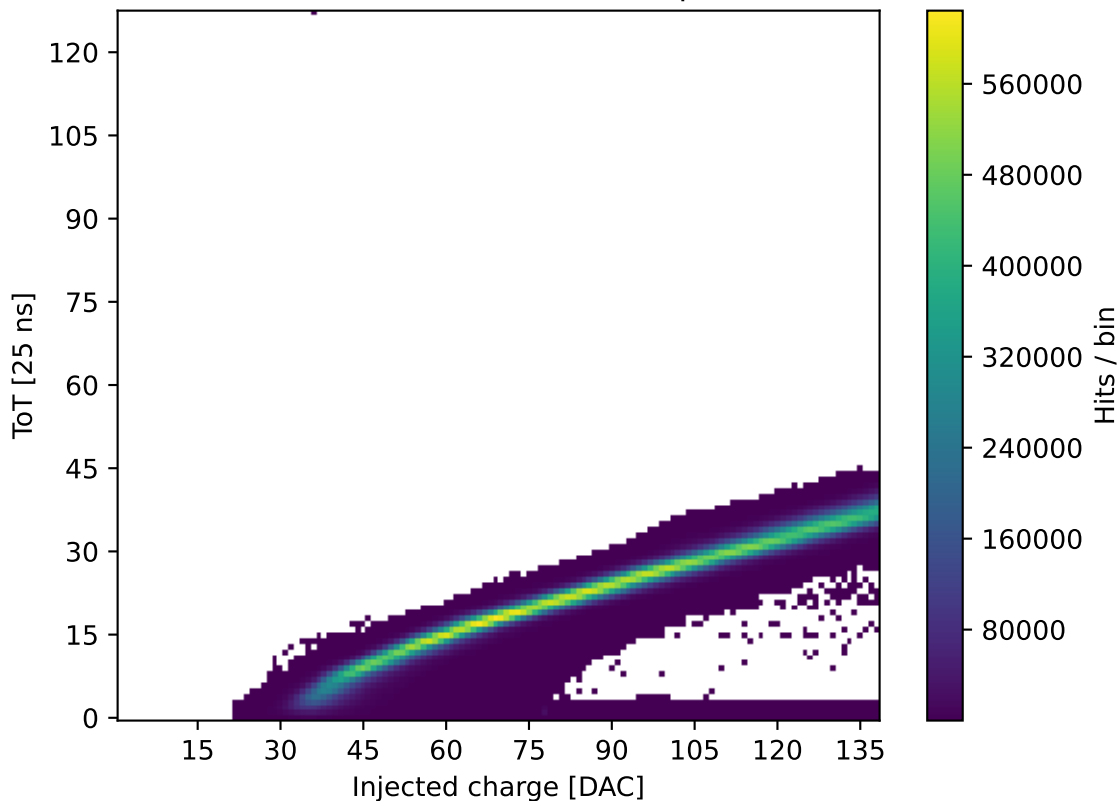
ToT curve (All FEs)

VH = 140, VL = 139..1 (step -1)



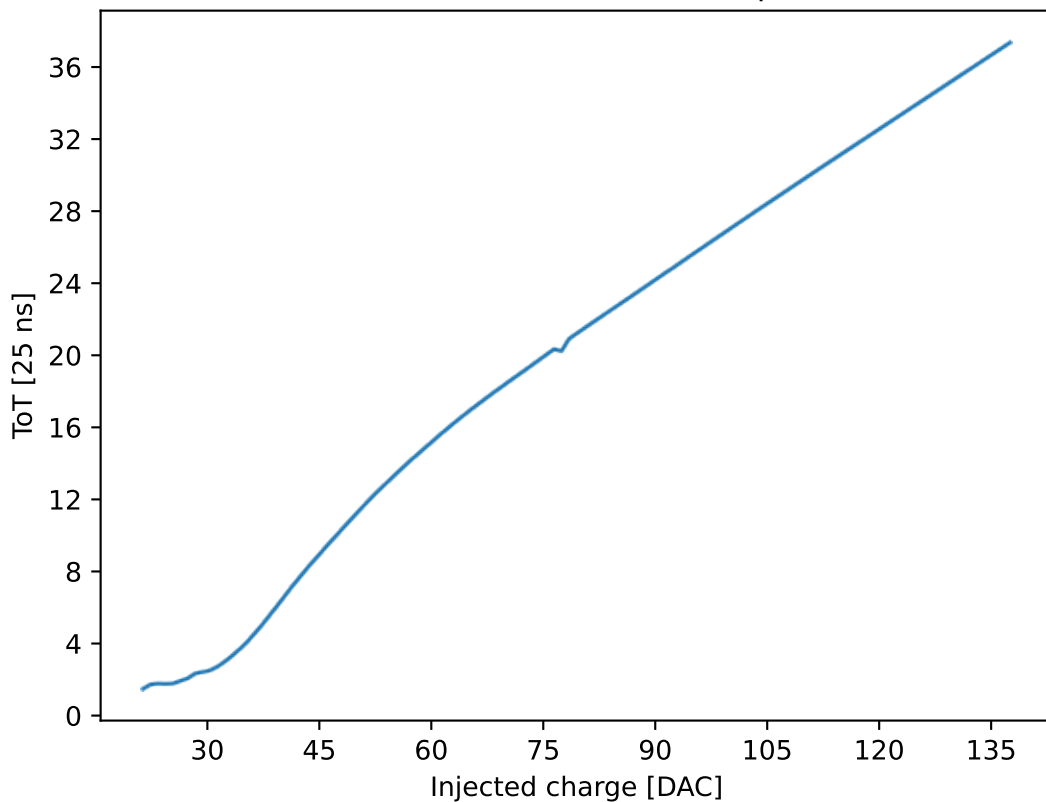
ToT curve (HV Casc.)

VH = 140, VL = 139..1 (step -1)



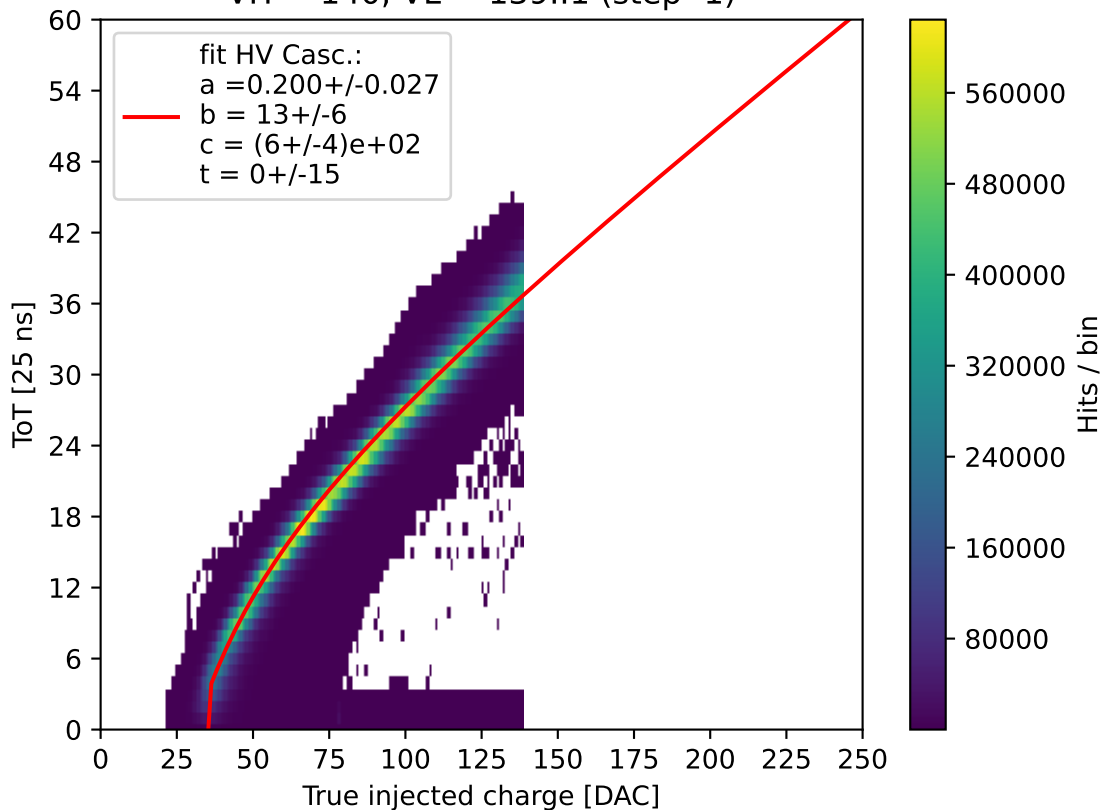
ToT curve (HV Casc.)

VH = 140, VL = 139..1 (step -1)



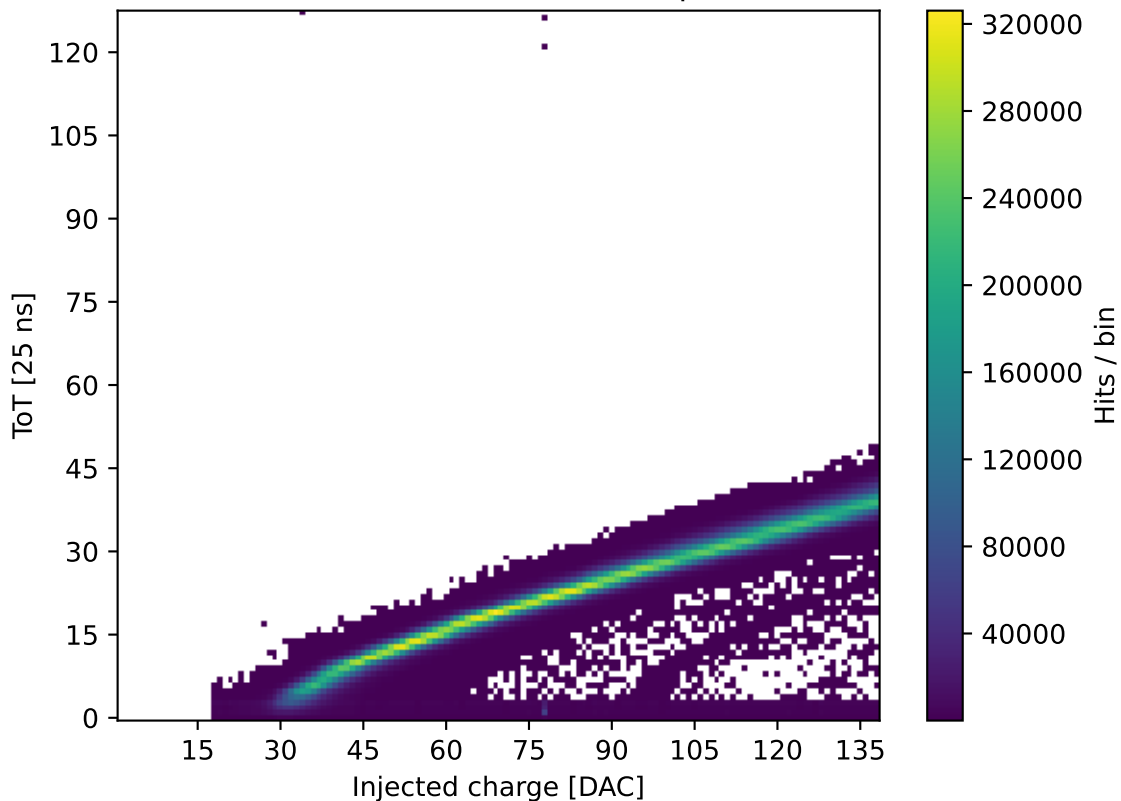
ToT curve fit (HV Casc.)

VH = 140, VL = 139..1 (step -1)



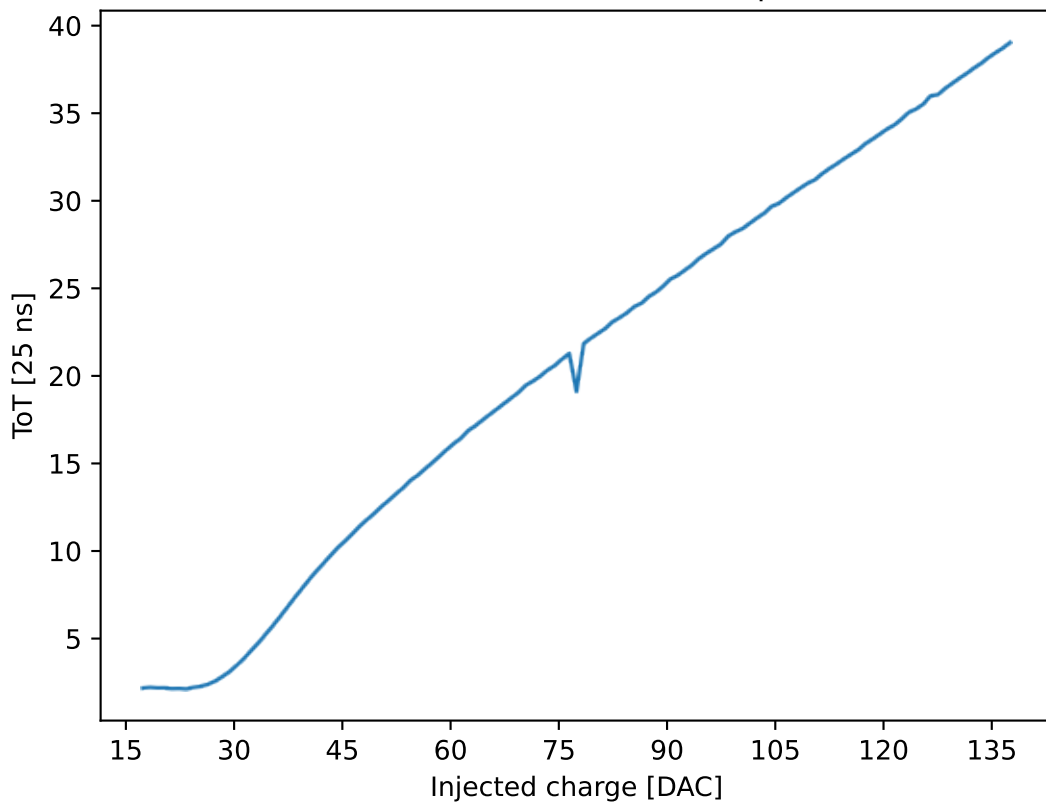
ToT curve (HV)

VH = 140, VL = 139..1 (step -1)



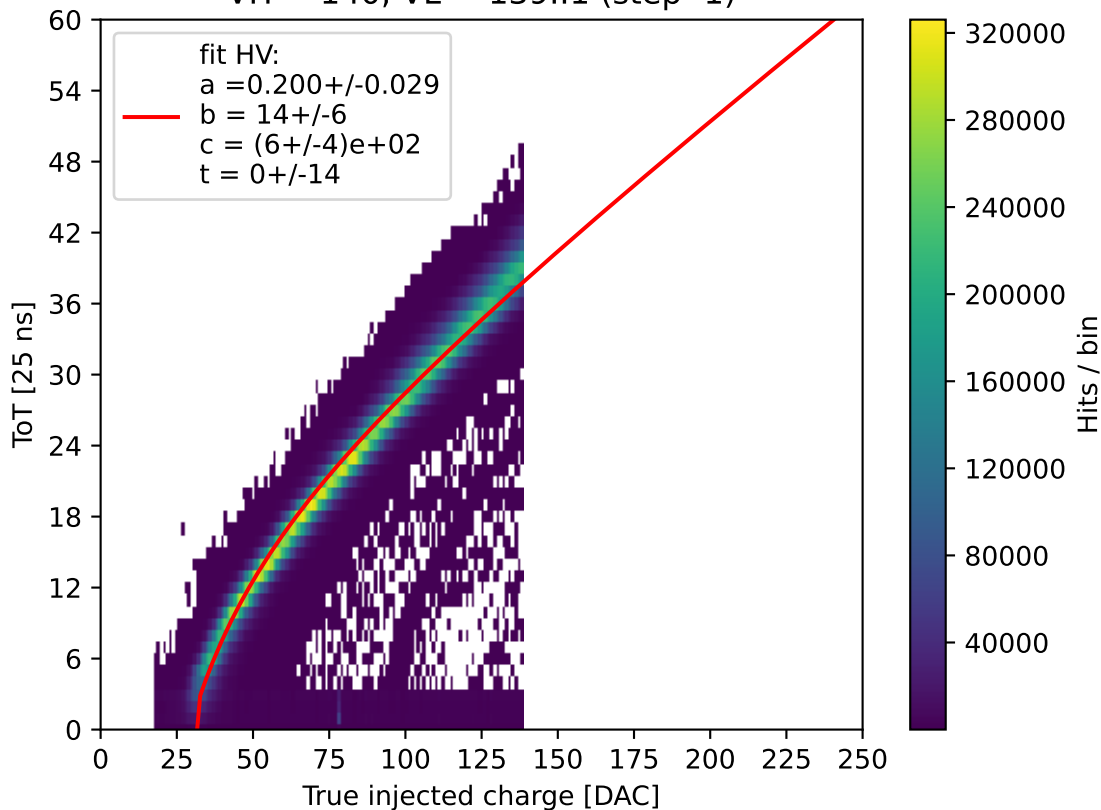
ToT curve (HV)

VH = 140, VL = 139..1 (step -1)



ToT curve fit (HV)

VH = 140, VL = 139..1 (step -1)

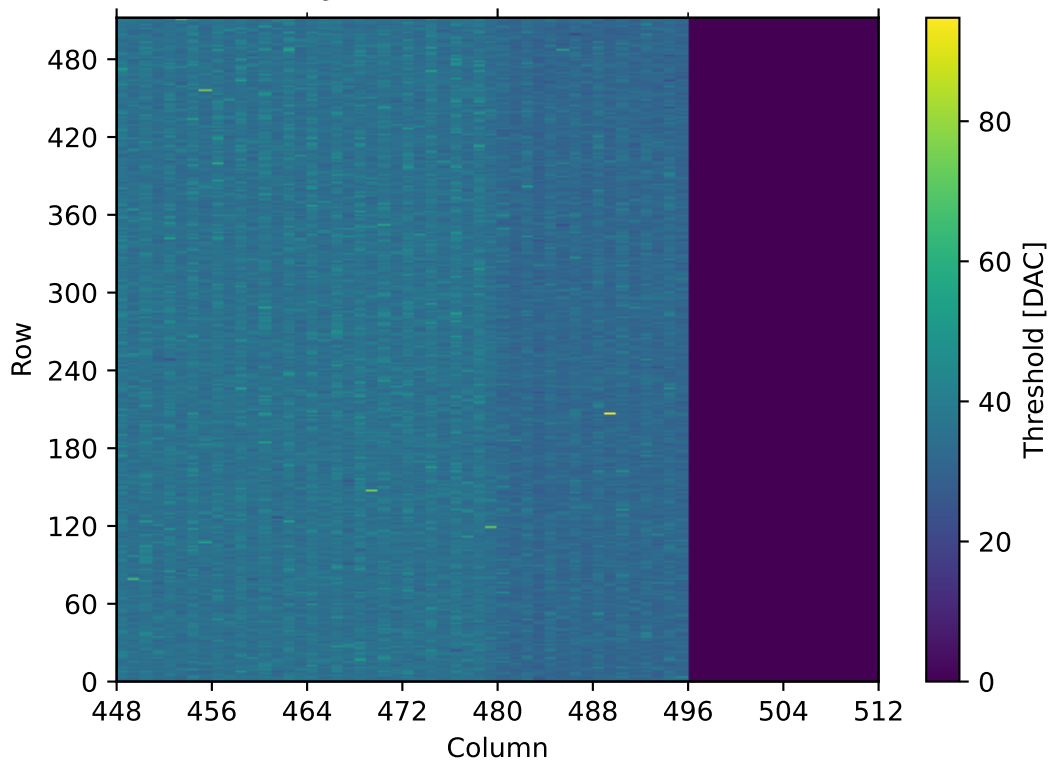


Threshold map

VH = 140, VL = 139..1 (step -1)

HV_C

HV

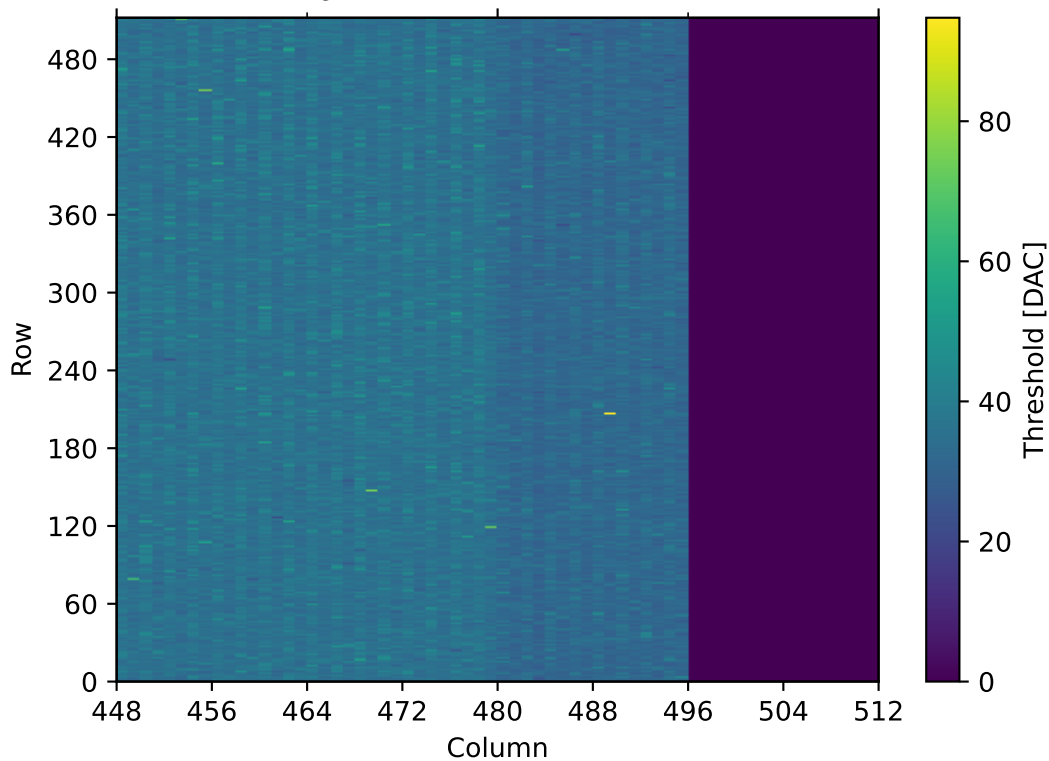


Threshold map

VH = 140, VL = 139..1 (step -1)

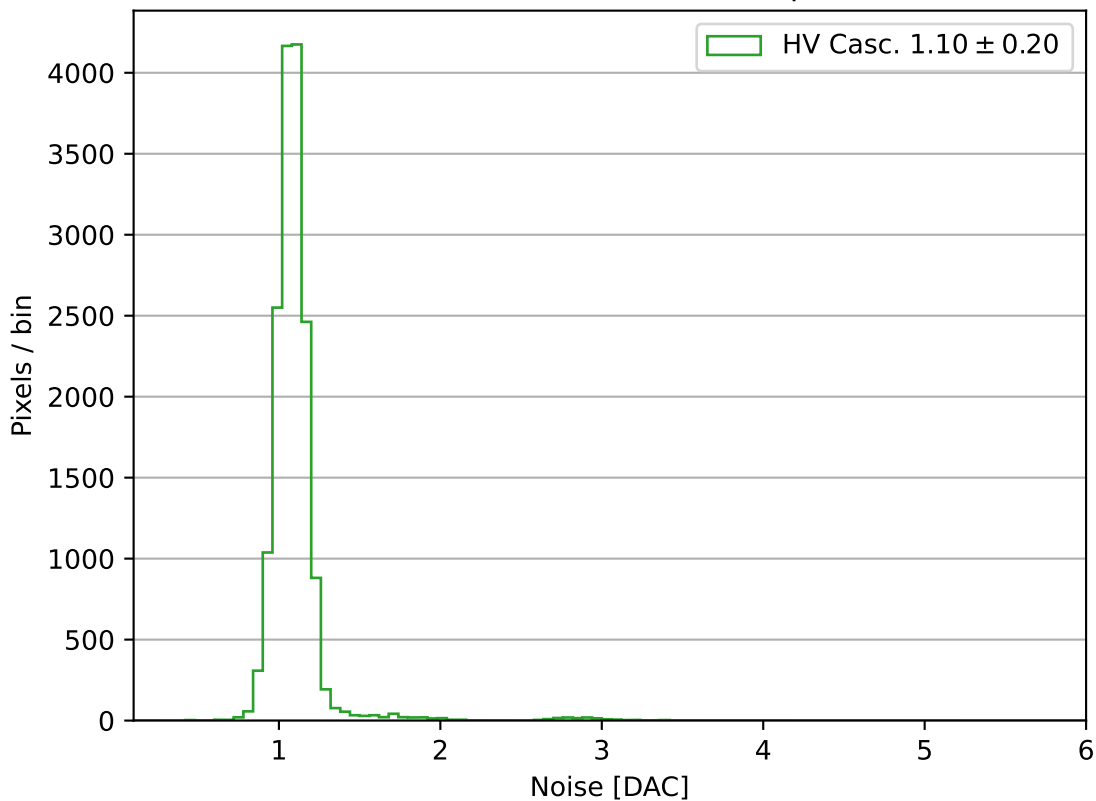
HV_C

HV



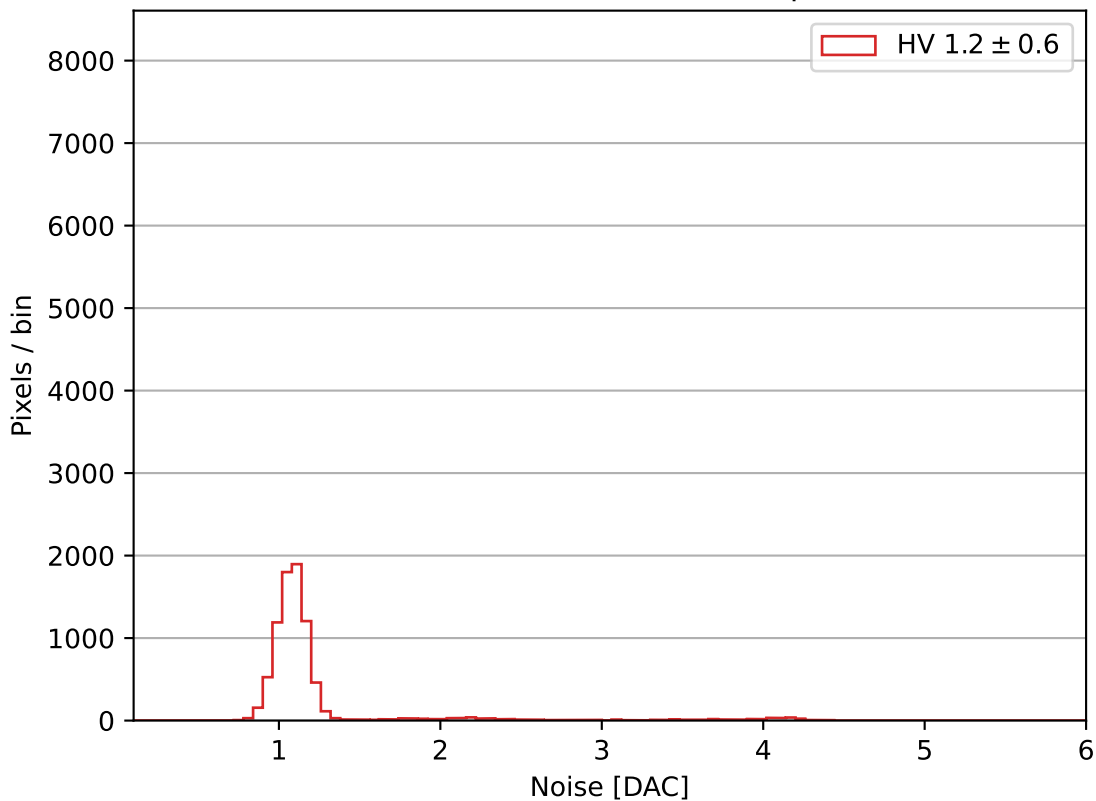
Noise distribution

VH = 140, VL = 139..1 (step -1)



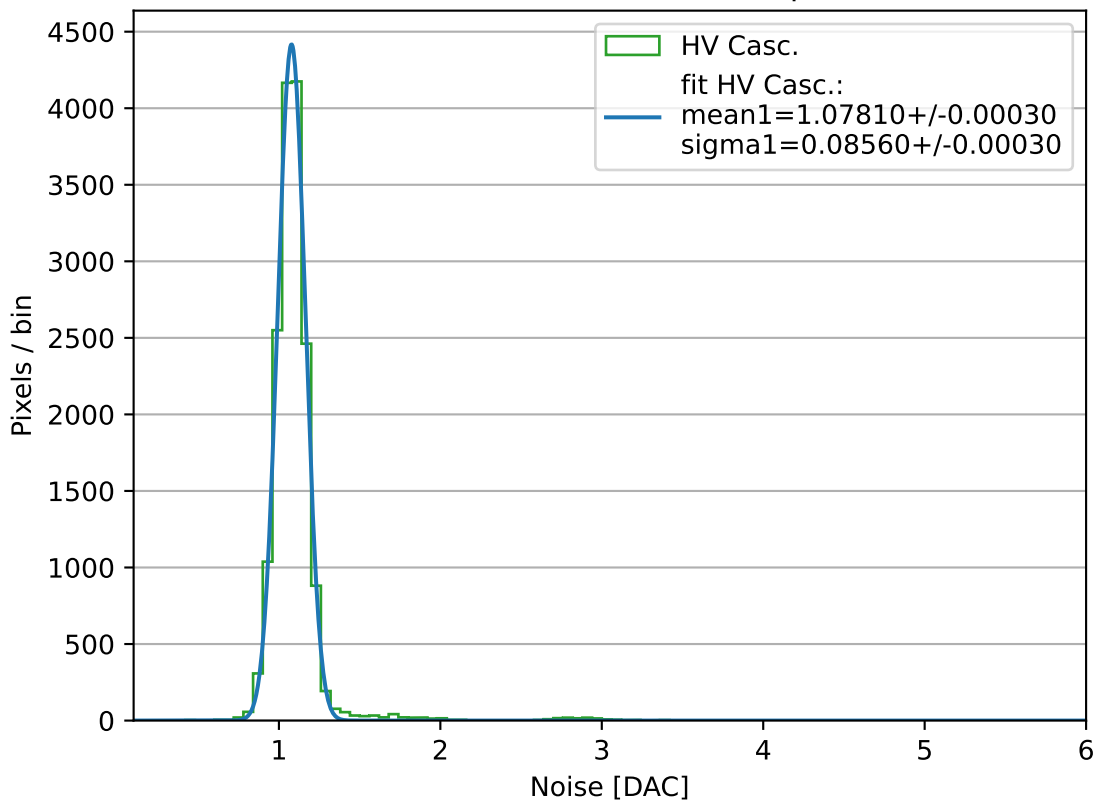
Noise distribution

VH = 140, VL = 139..1 (step -1)



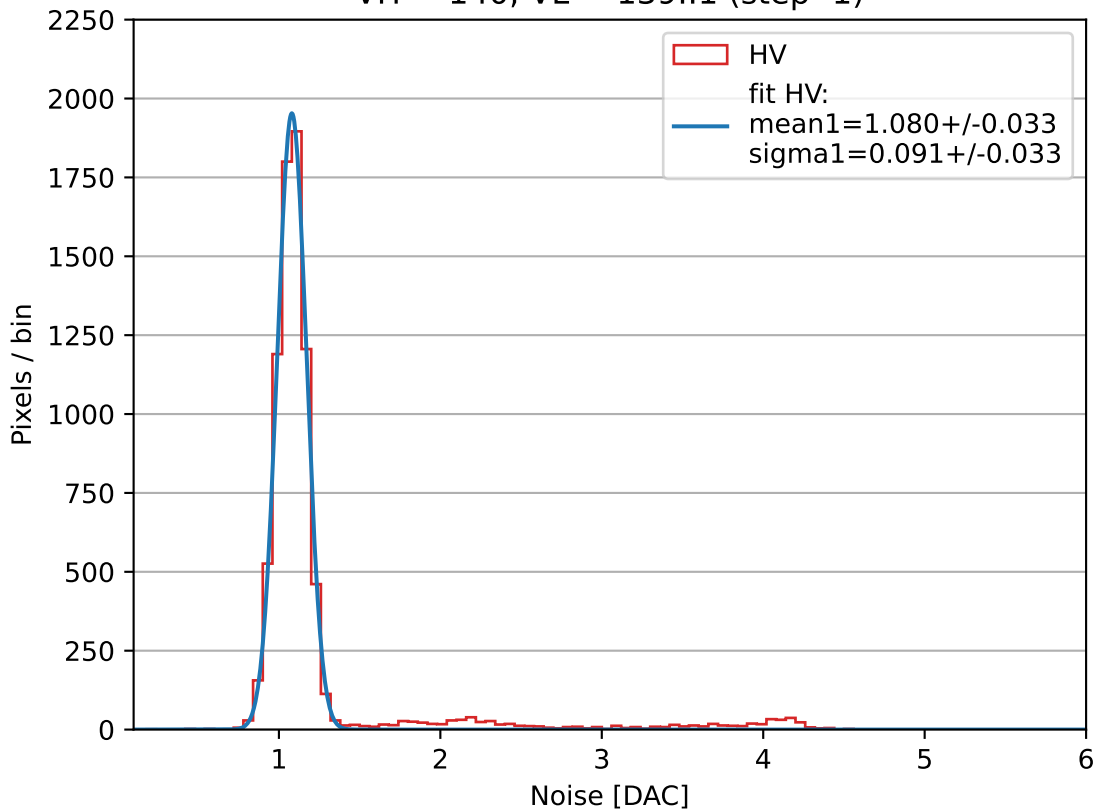
Noise distribution

VH = 140, VL = 139..1 (step -1)



Noise distribution

VH = 140, VL = 139..1 (step -1)

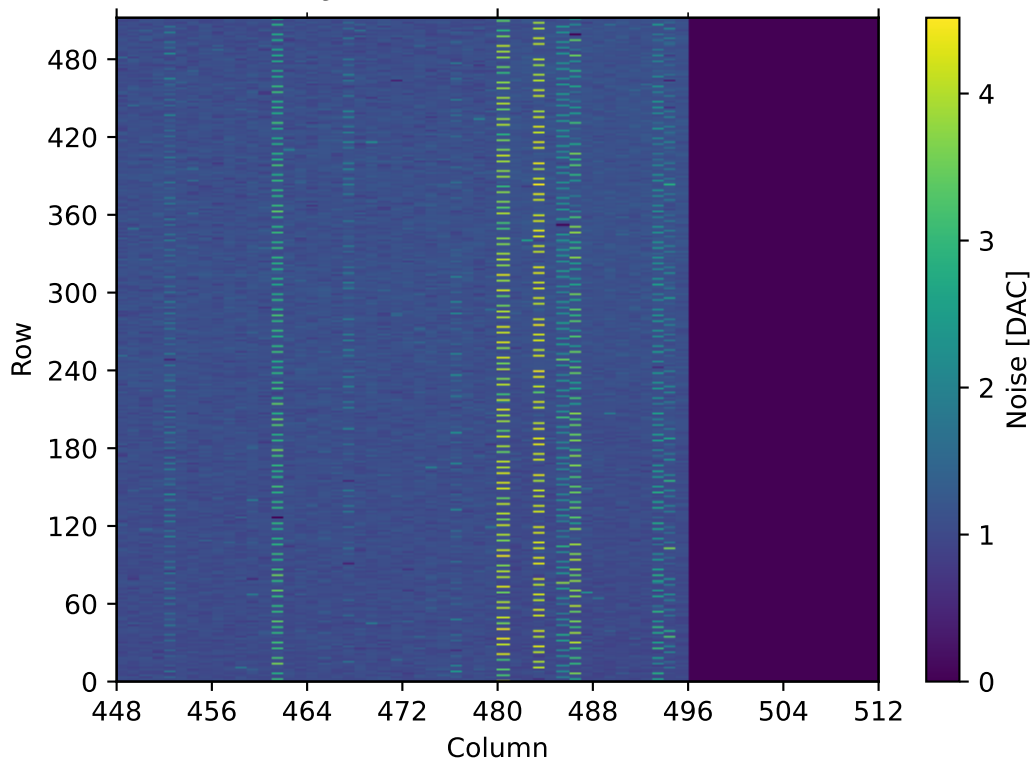


Noise map

VH = 140, VL = 139..1 (step -1)

HV_C

HV

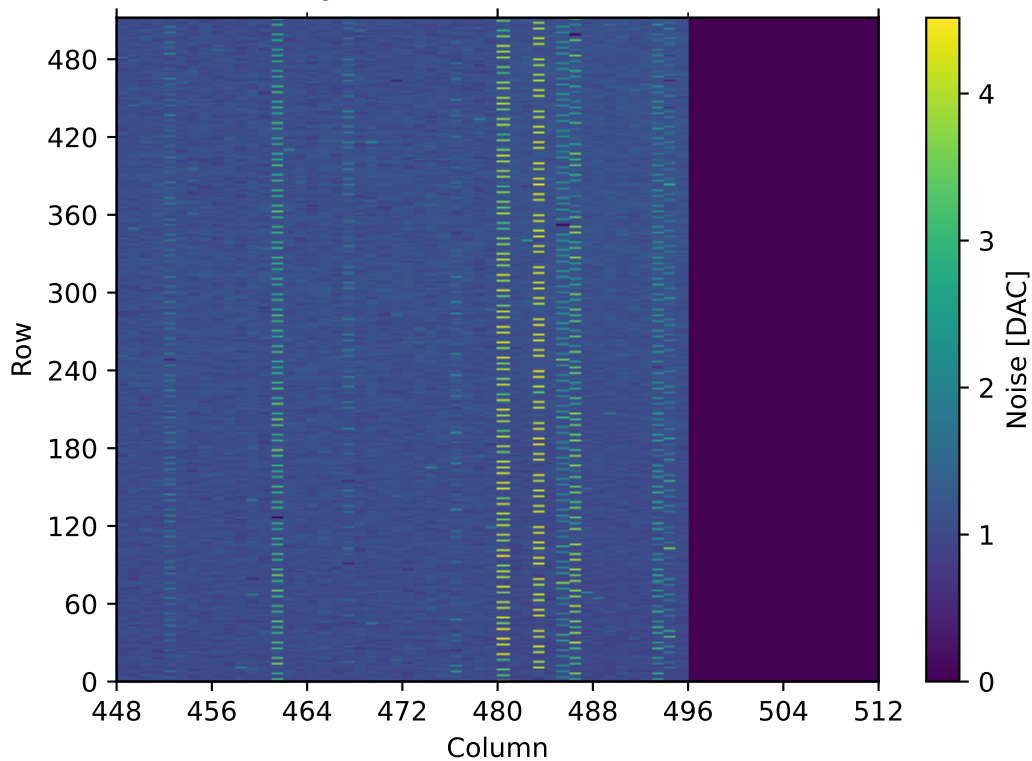


Noise map

VH = 140, VL = 139..1 (step -1)

HV_C

HV

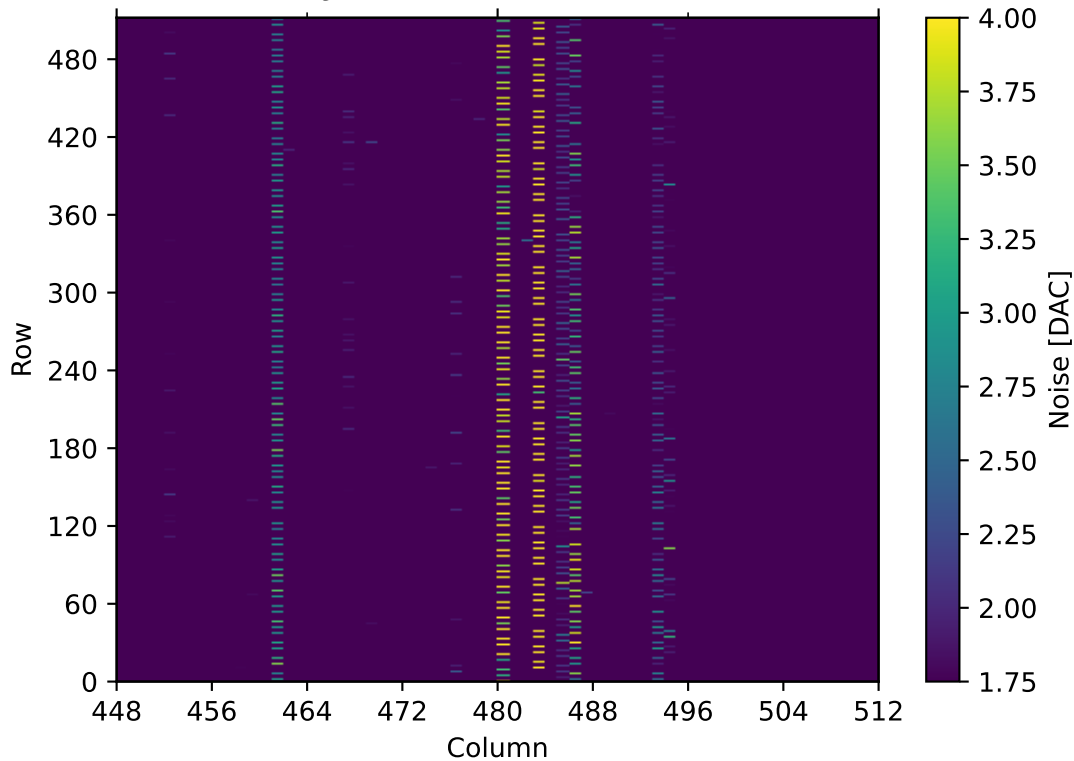


Noise map

VH = 140, VL = 139.1 (step -1)

HV_C

HV



Noise map

VH = 140, VL = 139..1 (step -1)

HV_C

HV

