

/mnt/c/Users/client/Desktop/all\_HV/20221007\_100832\_threshold\_scan\_interpreted.h5

Chip = W14R12

Script version = fatal: not a git repository (or any parent up to mount point  
/mnt)

Stopping at filesystem boundary (GIT\_DISCOVERY\_ACROSS\_FILESYSTEM not set).

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

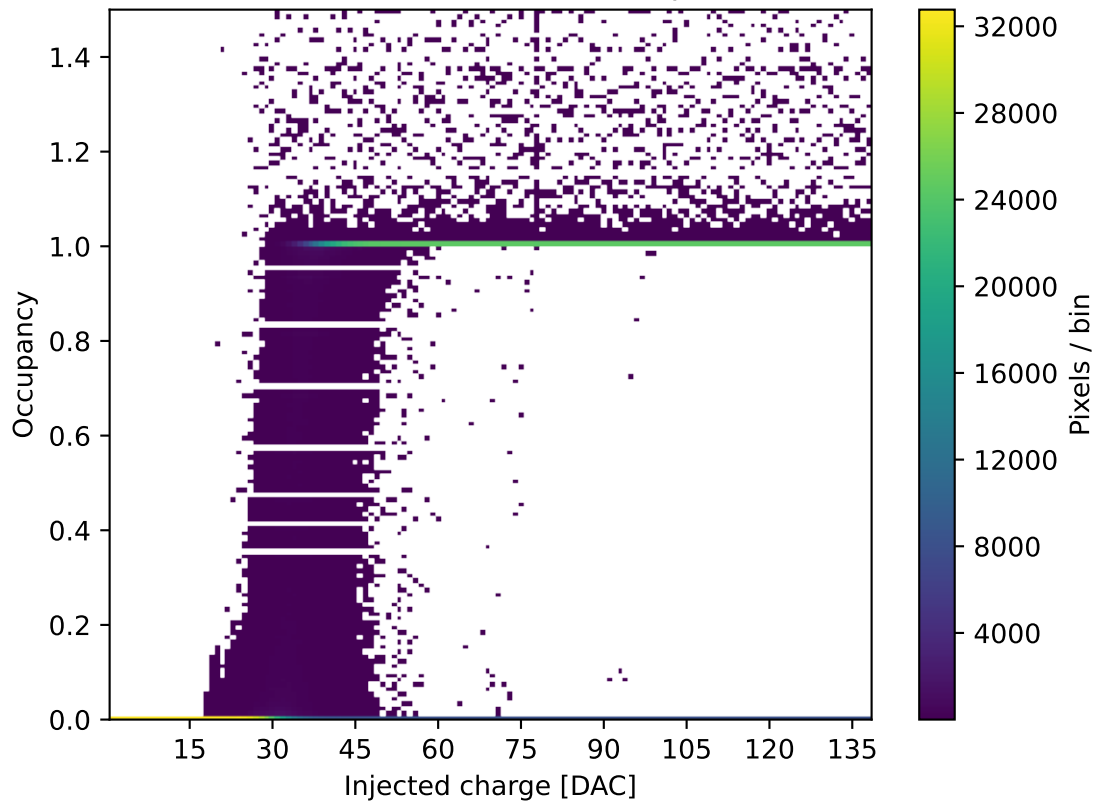
threshold\_scan

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

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

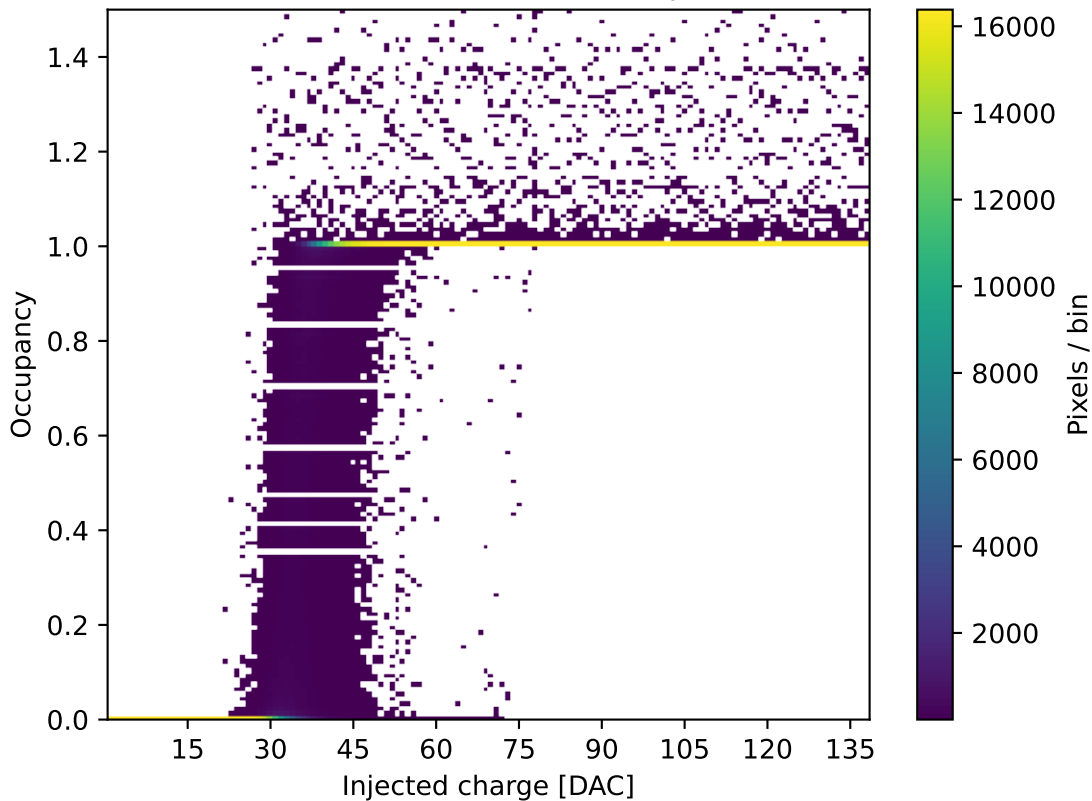
# S-Curve (All FEs)

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



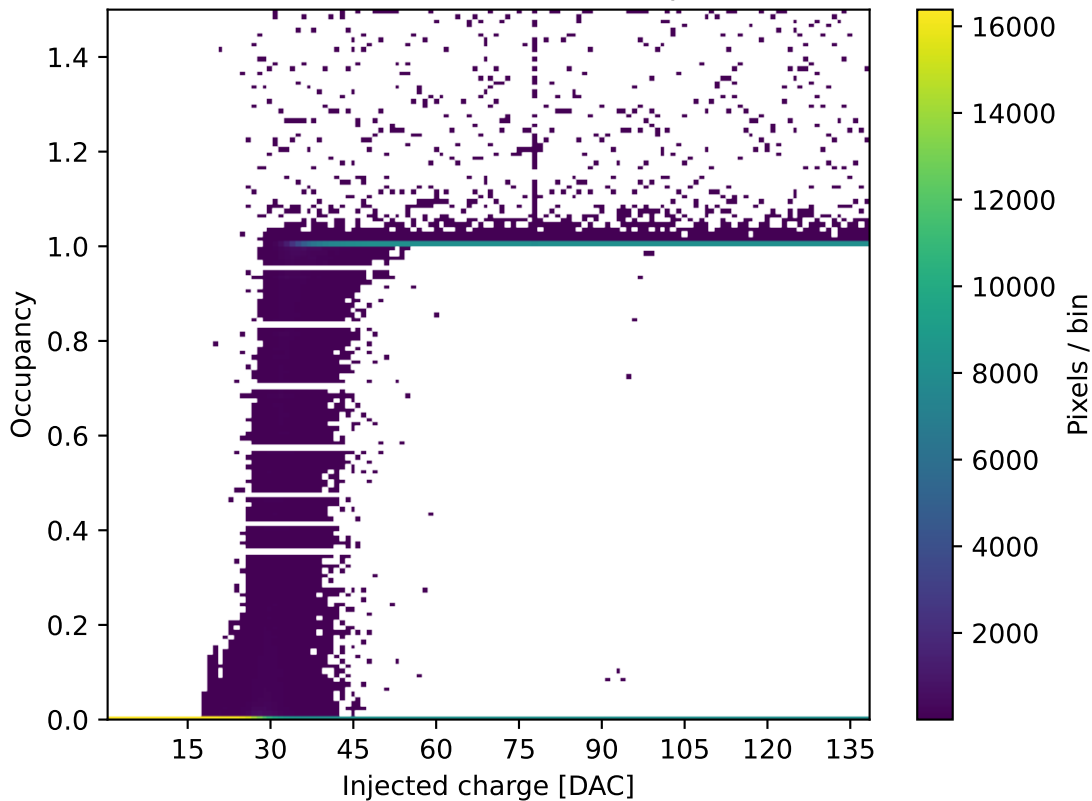
# S-Curve (HV Casc.)

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



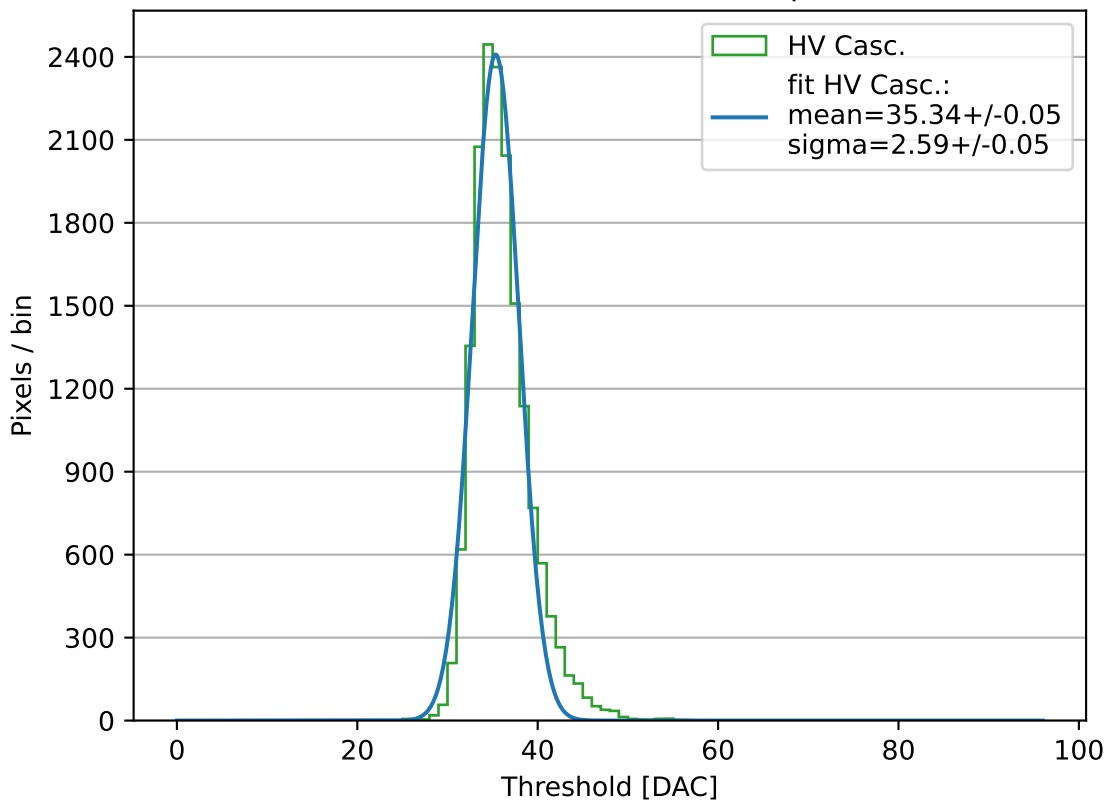
# S-Curve (HV)

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



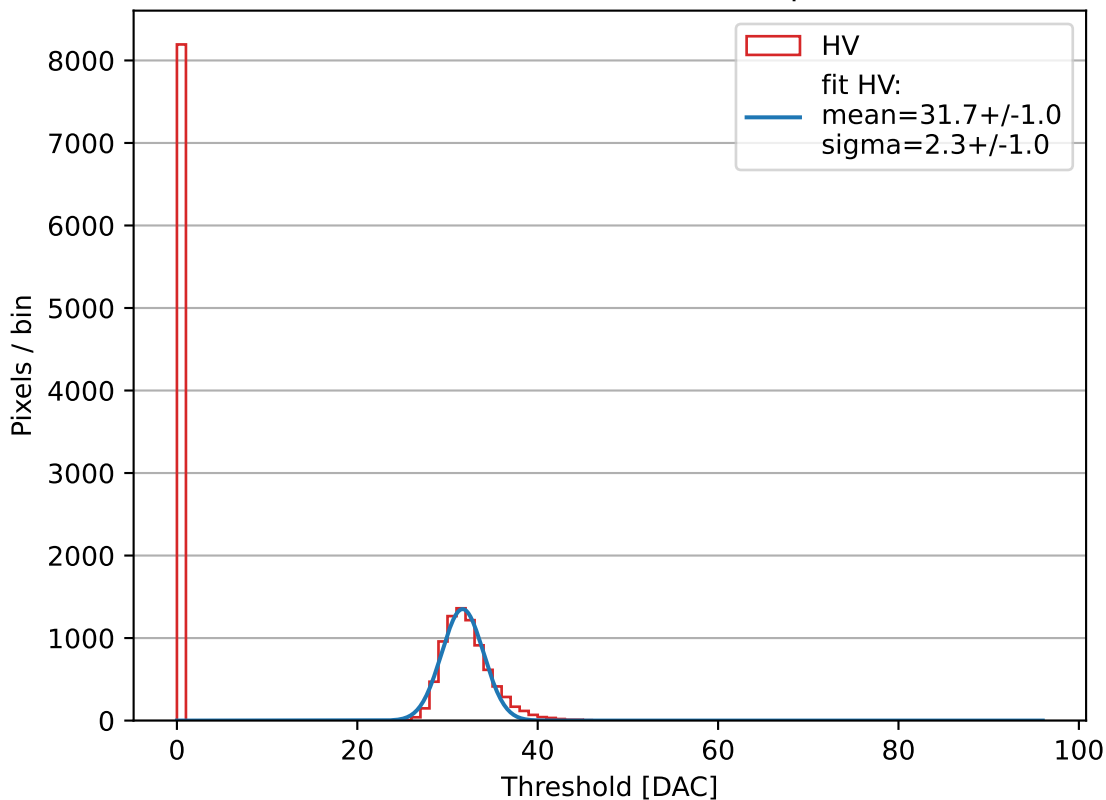
# Threshold distribution (HV Casc.)

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



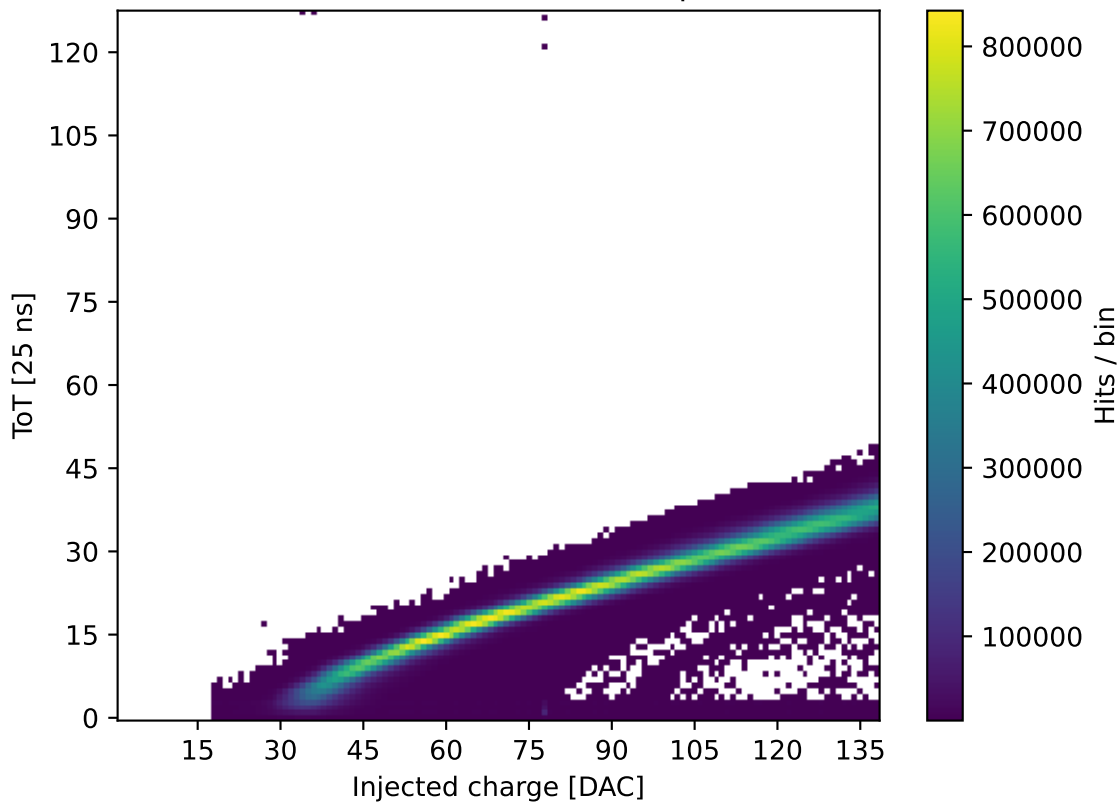
# Threshold distribution (HV)

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



# ToT curve (All FEs)

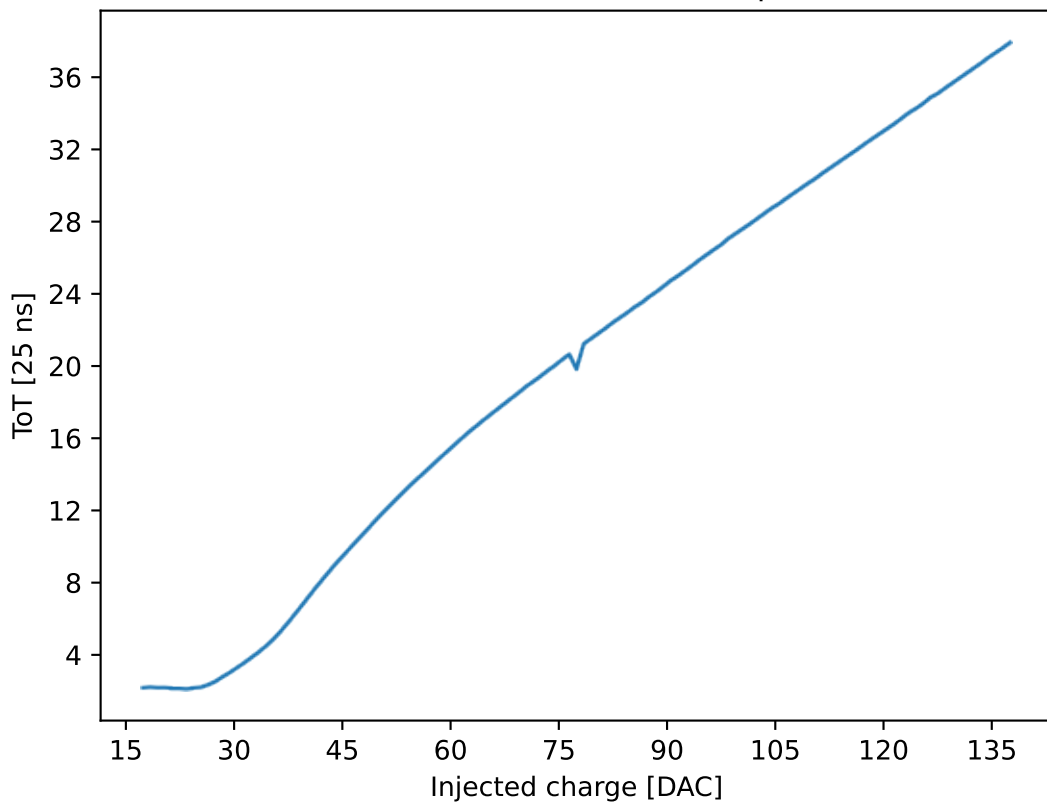
VH = 140, VL = 139..1 (step -1)





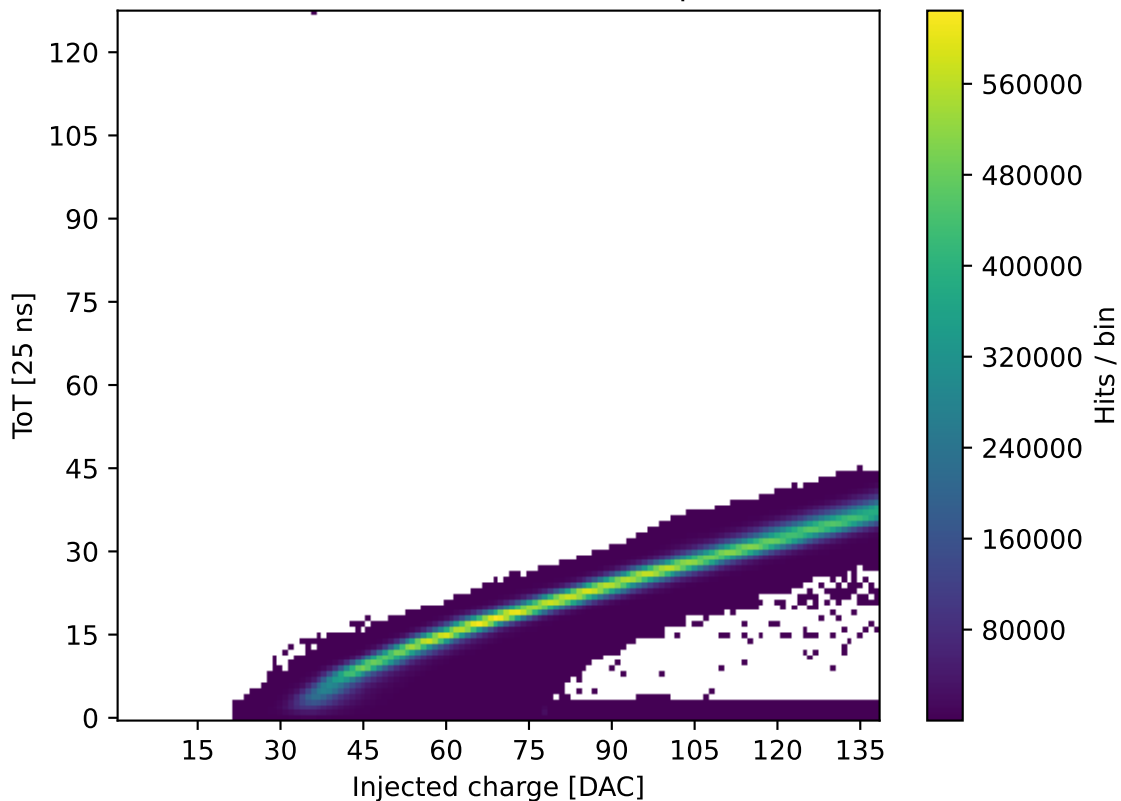
# ToT curve (All FEs)

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



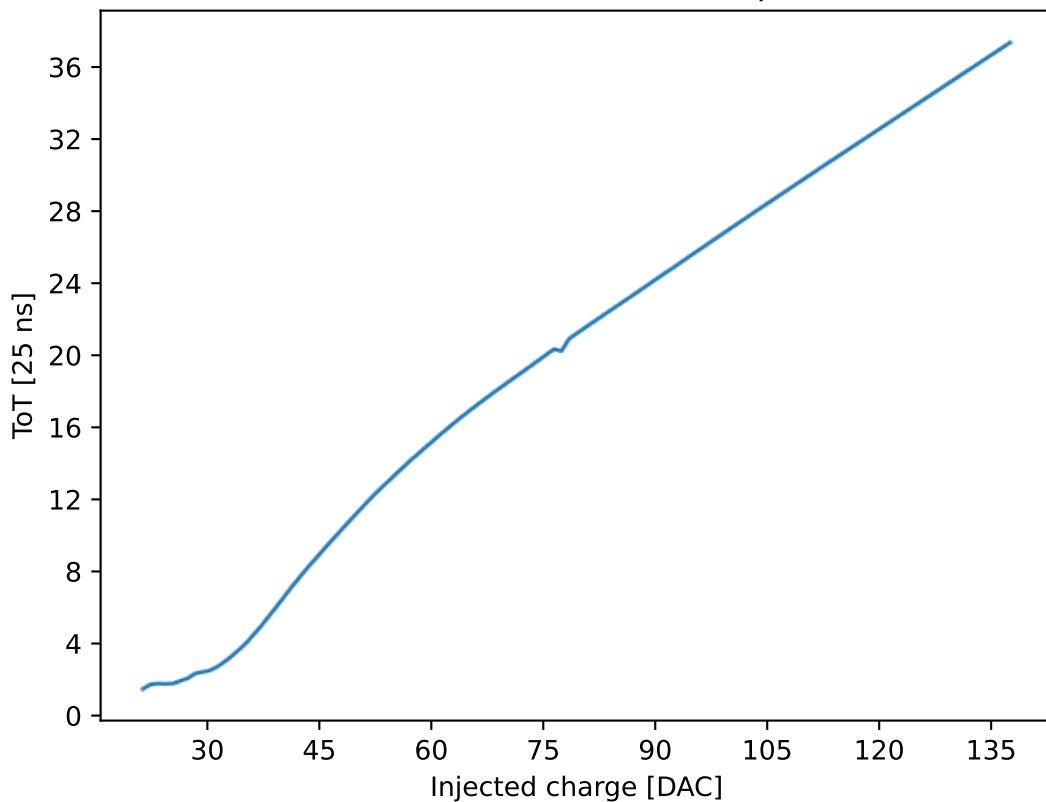
# ToT curve (HV Casc.)

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



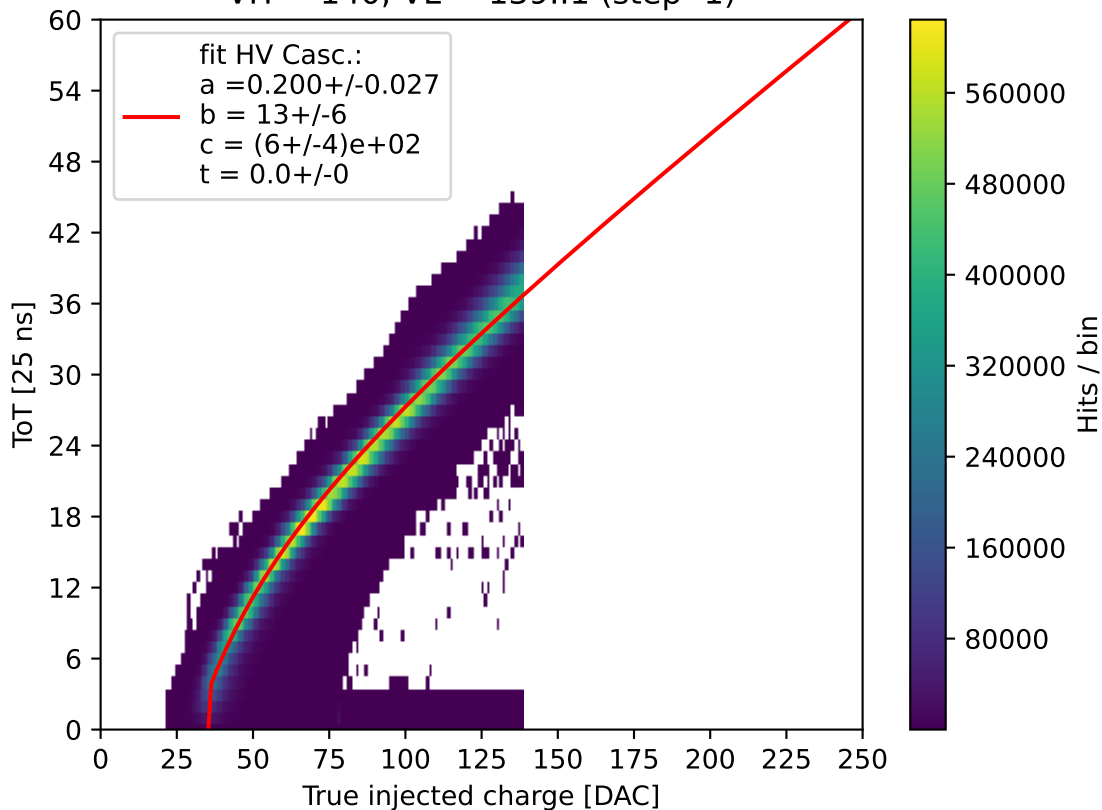
# ToT curve (HV Casc.)

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



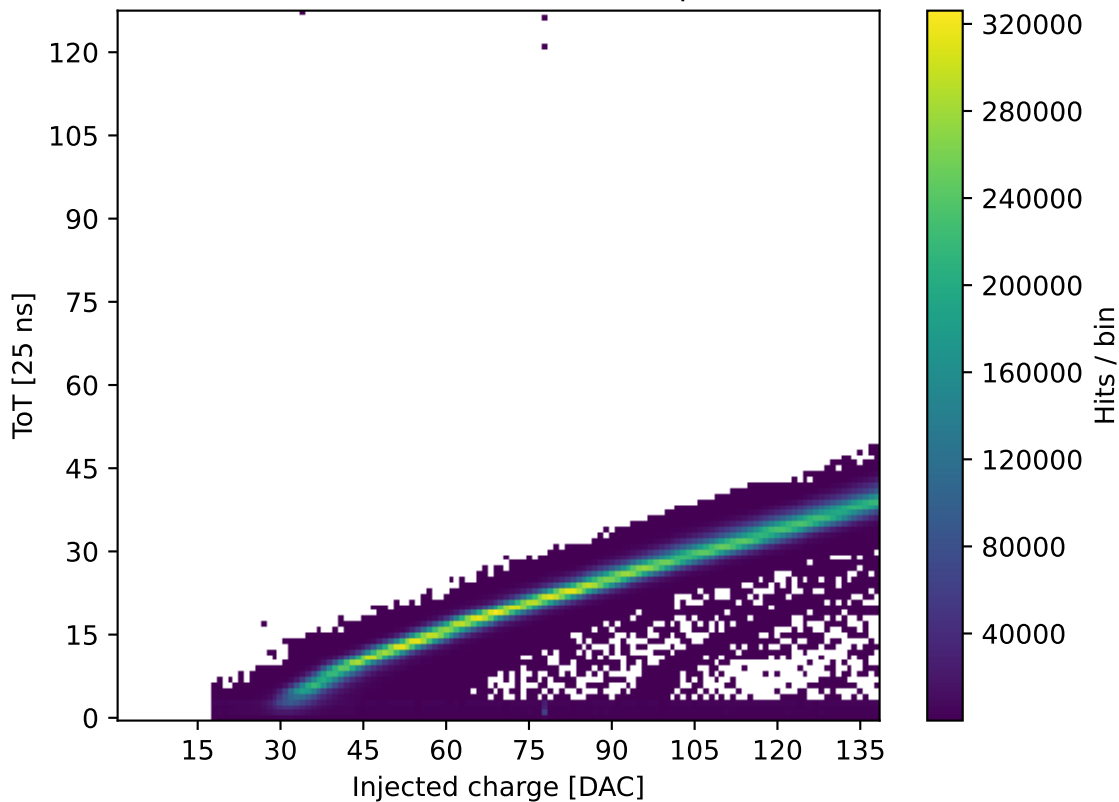
# ToT curve fit (HV Casc.)

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



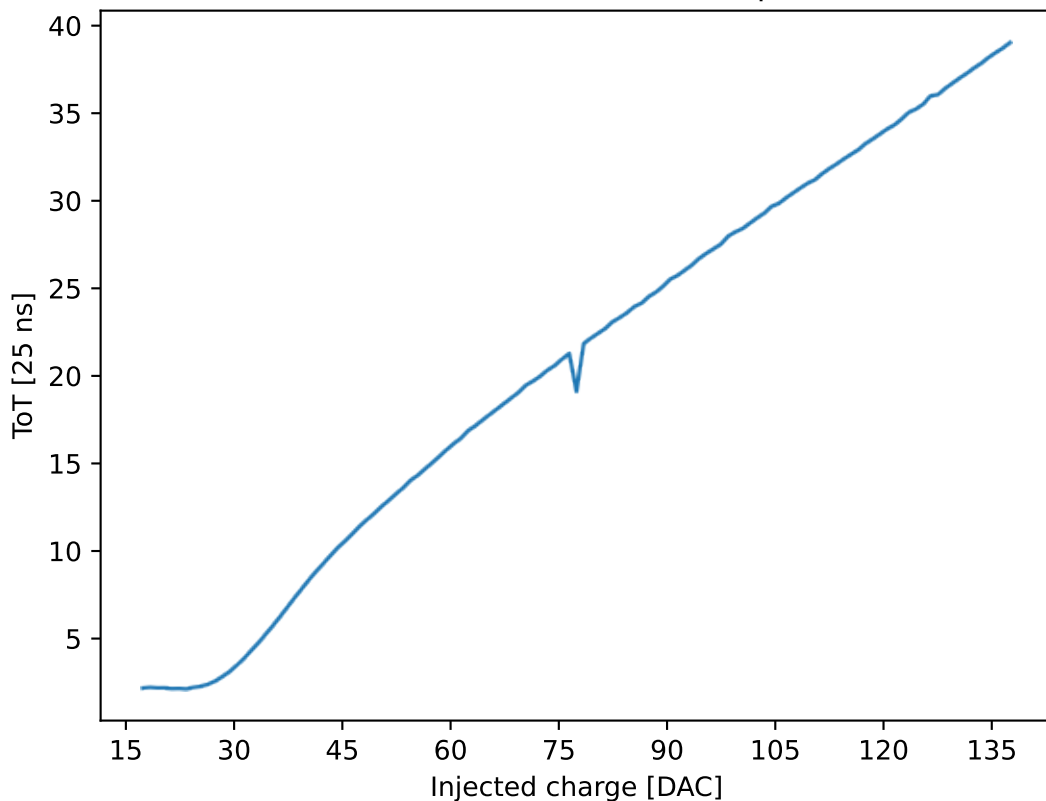
# ToT curve (HV)

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)

