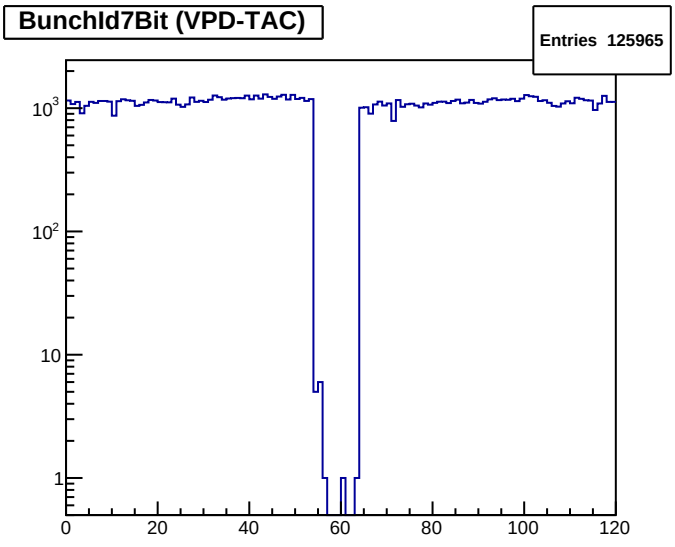
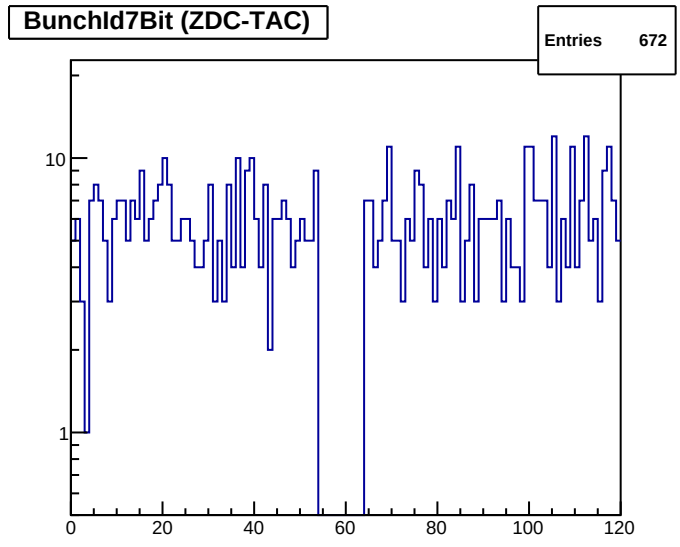
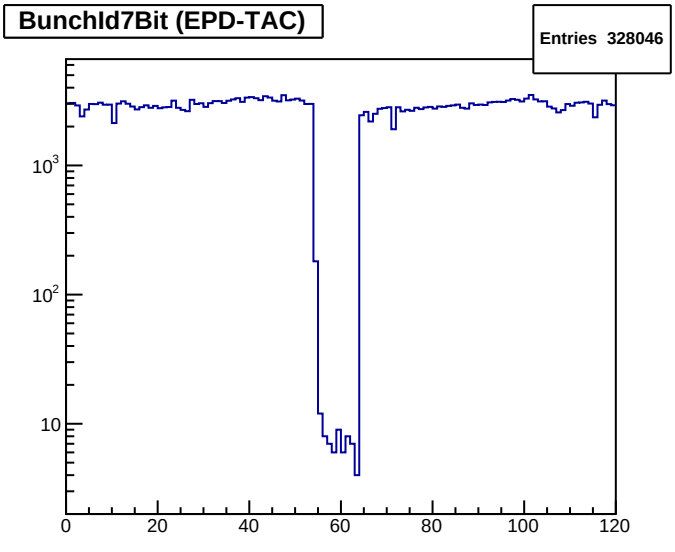
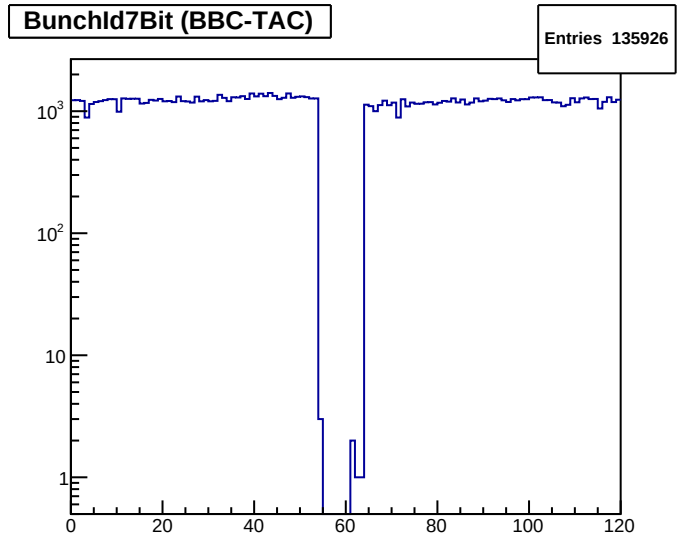
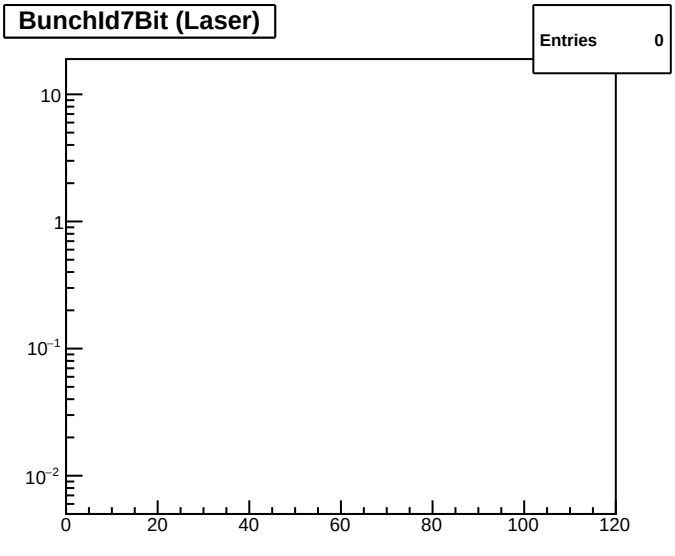
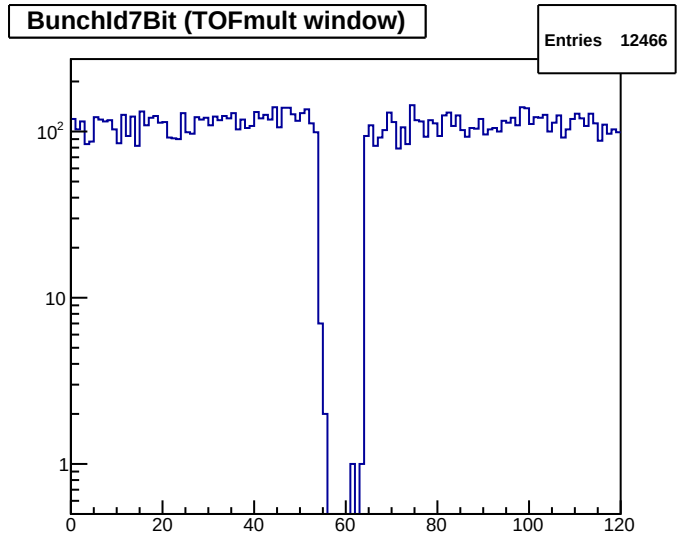

BunchId7Bit (VPD-TAC)
Entries 125965

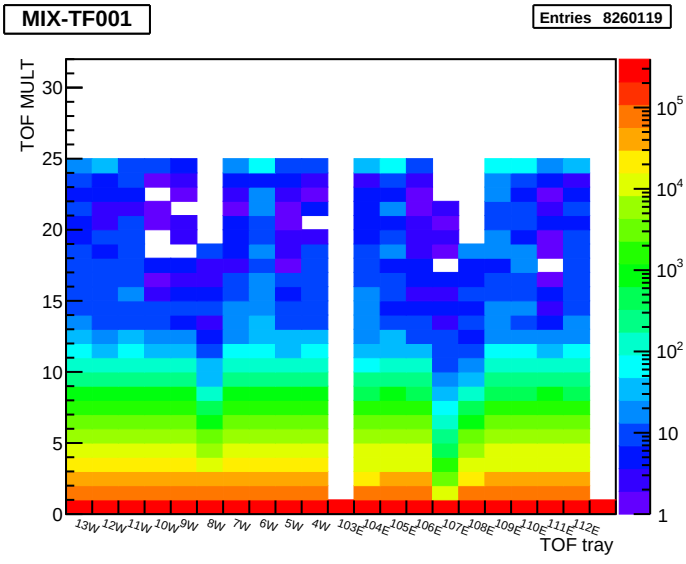

BunchId7Bit (ZDC-TAC)
Entries 672

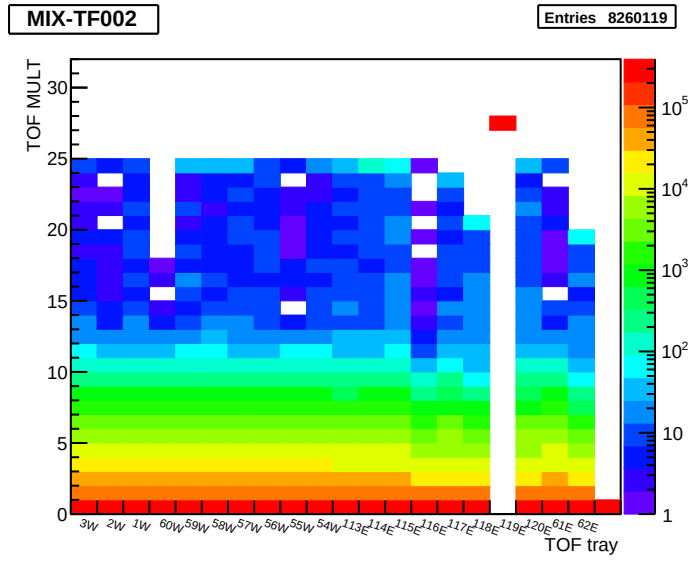

BunchId7Bit (EPD-TAC)
Entries 328046

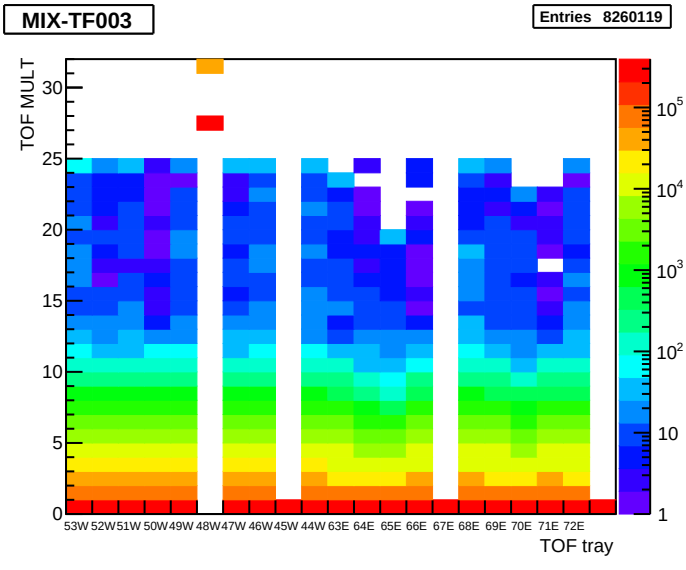

BunchId7Bit (BBC-TAC)
Entries 135926

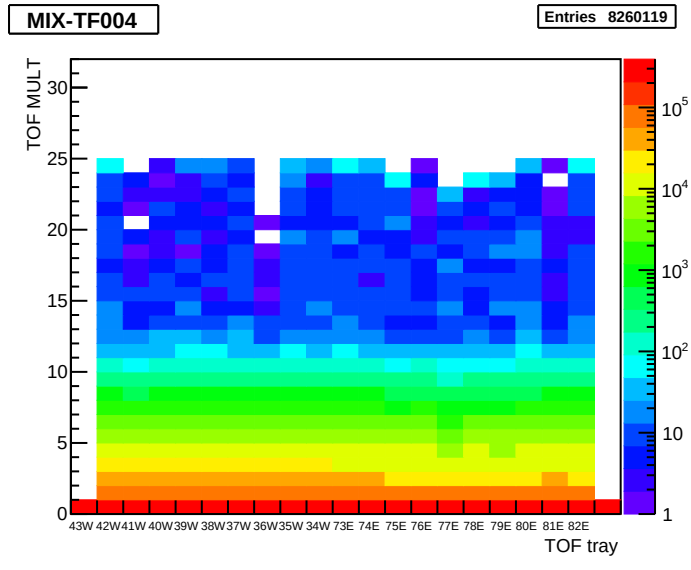

BunchId7Bit (Laser)
Entries 0

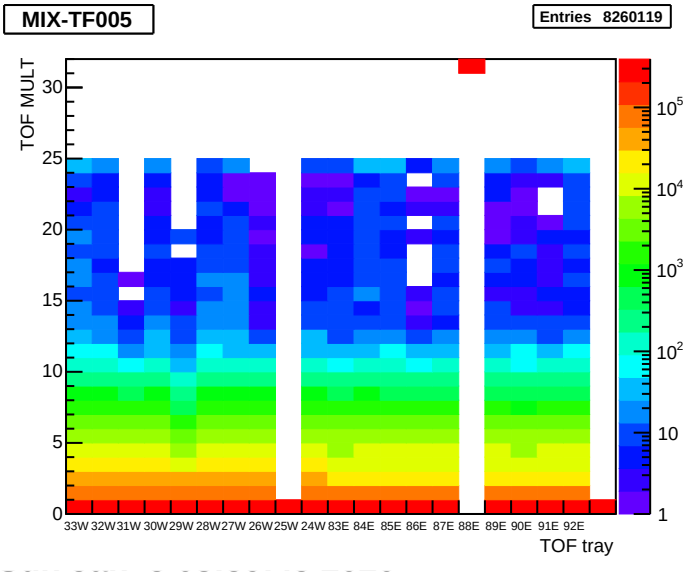

BunchId7Bit (TOFmult window)
Entries 12466

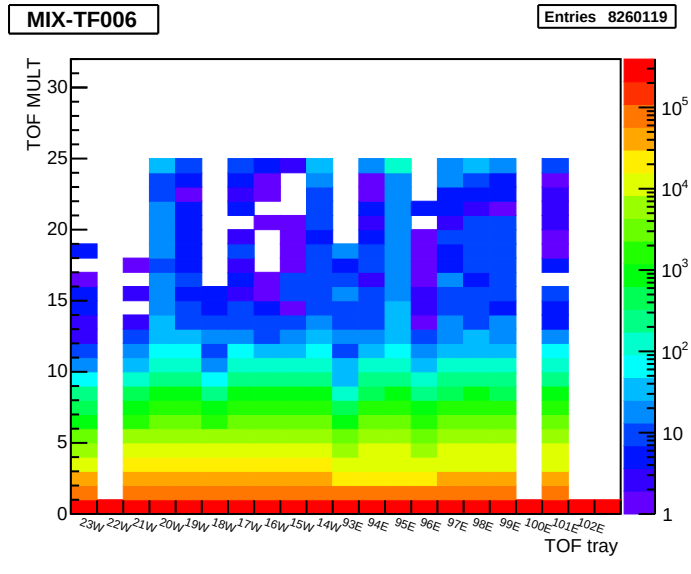

MIX-TF001
Entries 8260119
TOF MULT
TOF tray

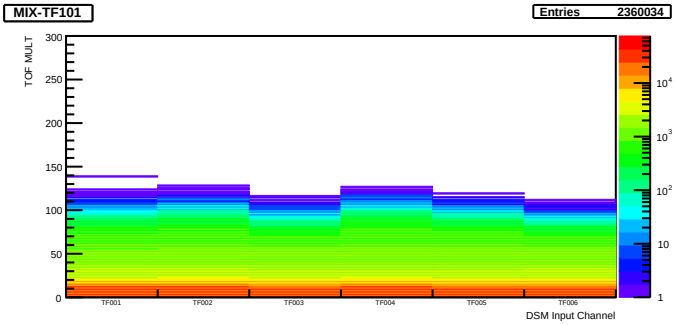

MIX-TF002
Entries 8260119
TOF MULT
TOF tray

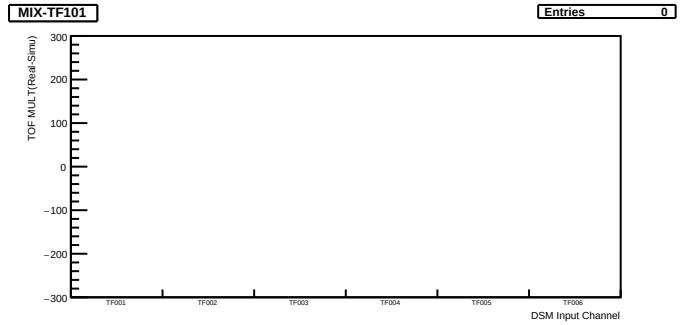

MIX-TF003
Entries 8260119
TOF MULT
TOF tray

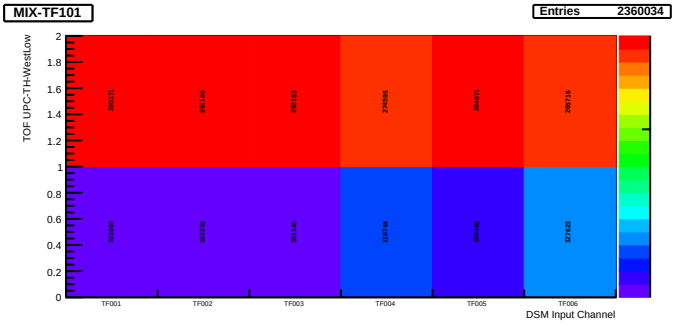

MIX-TF004
Entries 8260119
TOF MULT
TOF tray

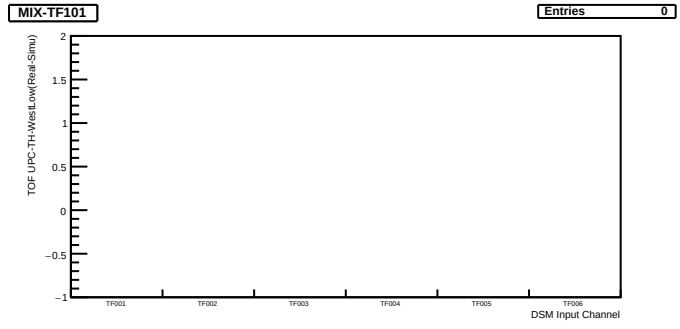

MIX-TF005
Entries 8260119
TOF MULT
TOF tray

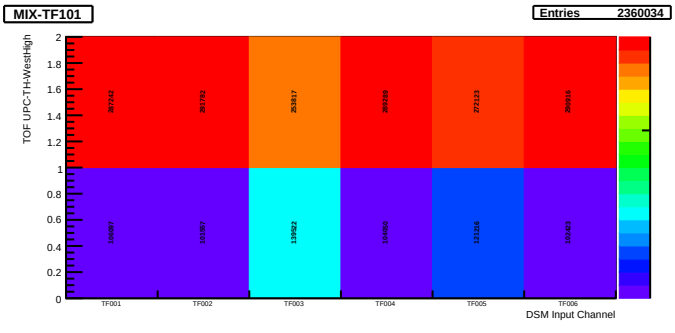

MIX-TF006
Entries 8260119
TOF MULT
TOF tray

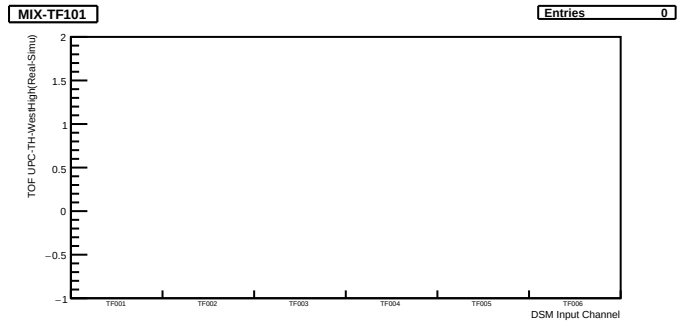

MIX-TF101
Entries 2360034
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

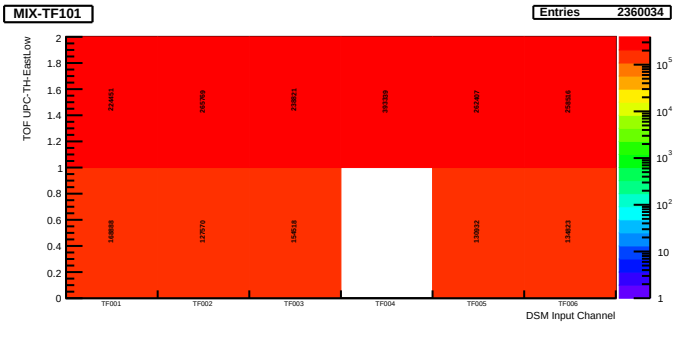

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

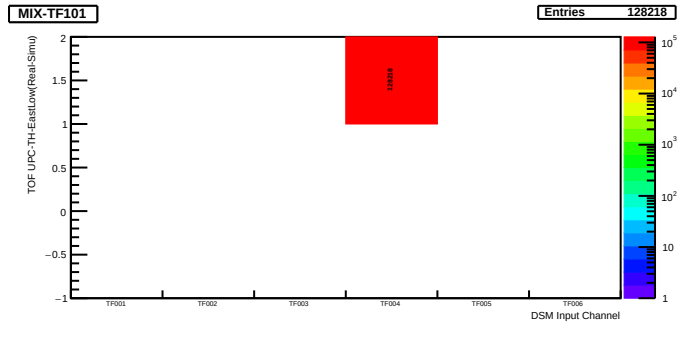

MIX-TF101
Entries 2360034
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

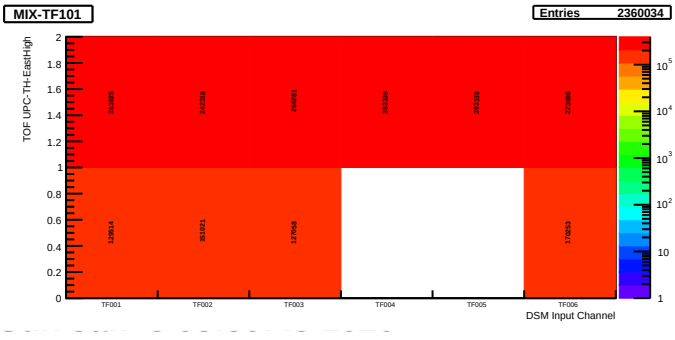

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

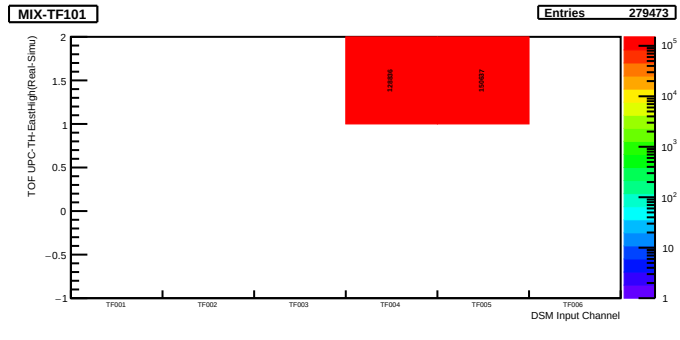

MIX-TF101
Entries 2360034
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

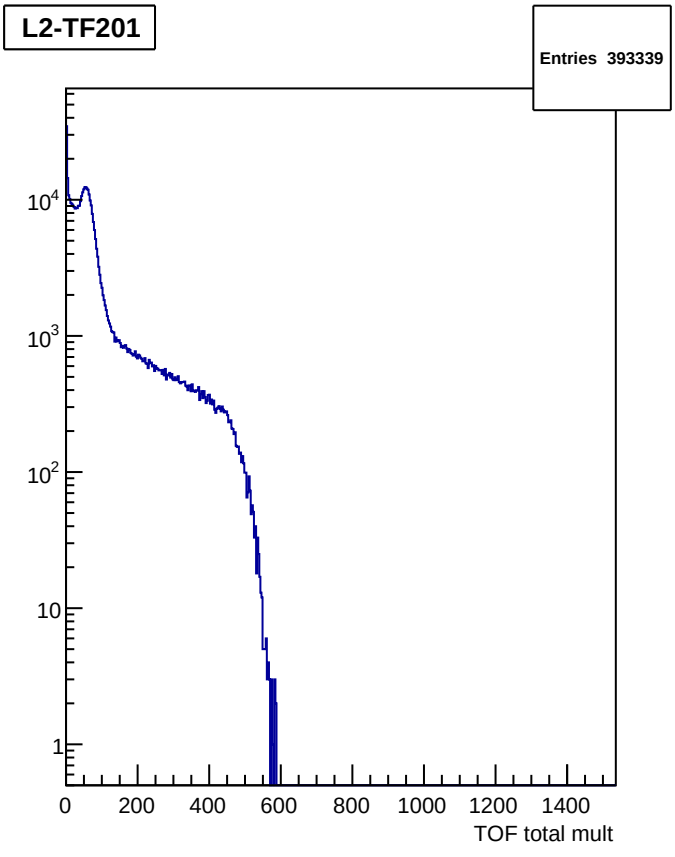

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

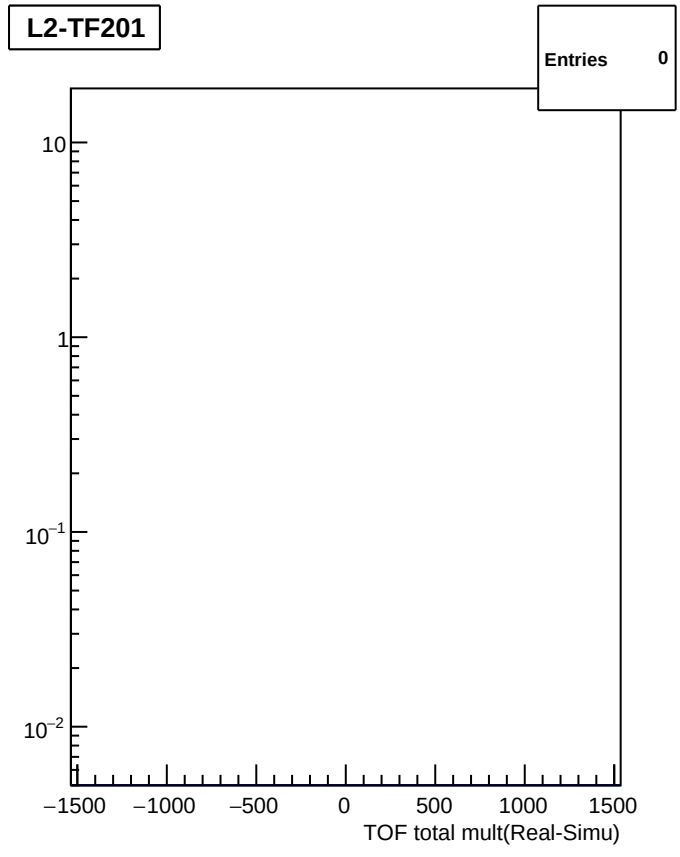

MIX-TF101
Entries 2360034
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

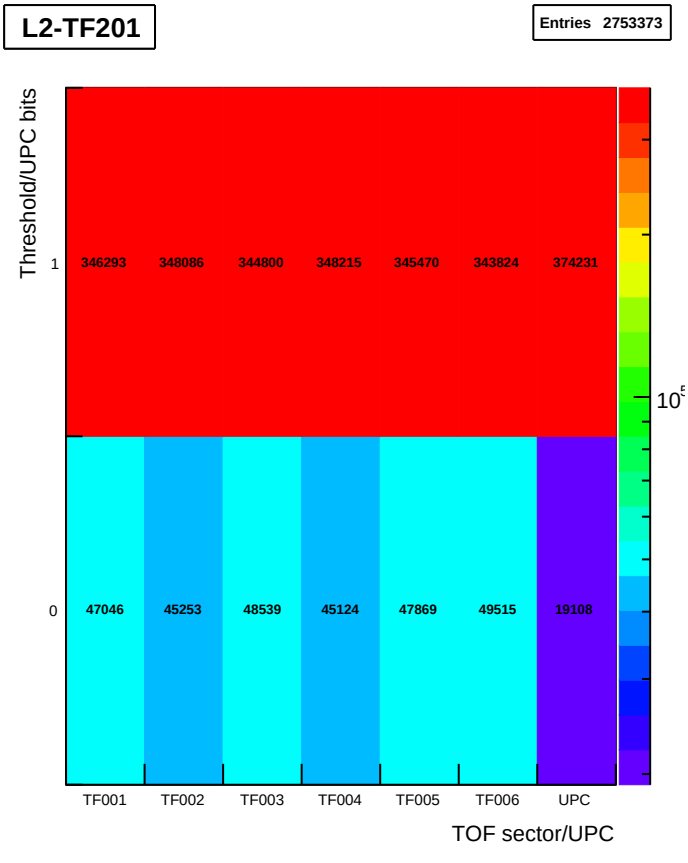

MIX-TF101
Entries 128218
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

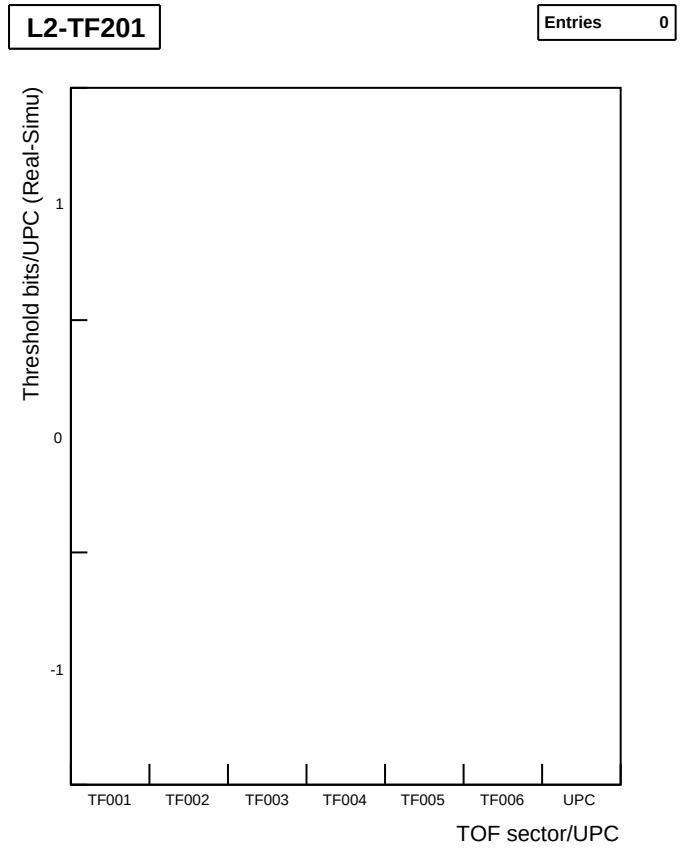

MIX-TF101
Entries 2360034
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

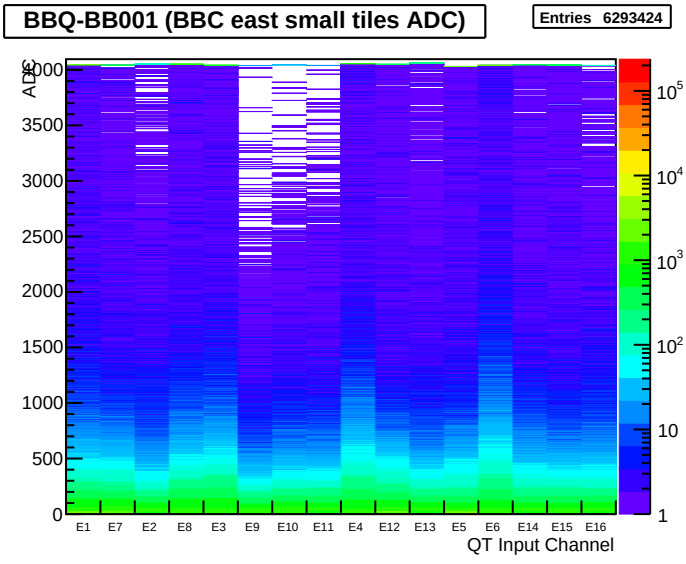

MIX-TF101
Entries 279473
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

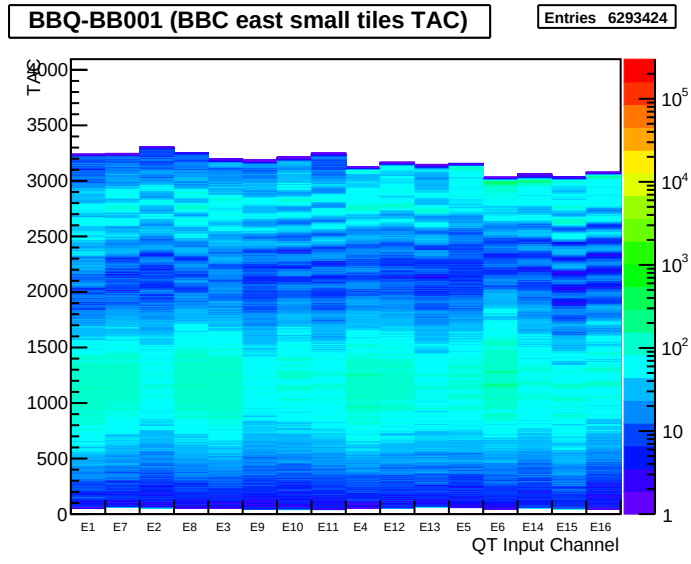

L2-TF201
Entries 393339
TOF total mult

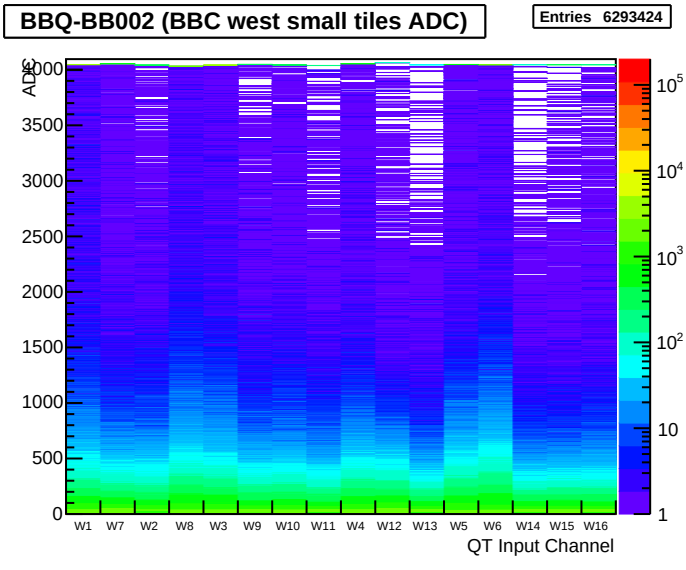

L2-TF201
Entries 0
TOF total mult(Real-Simu)

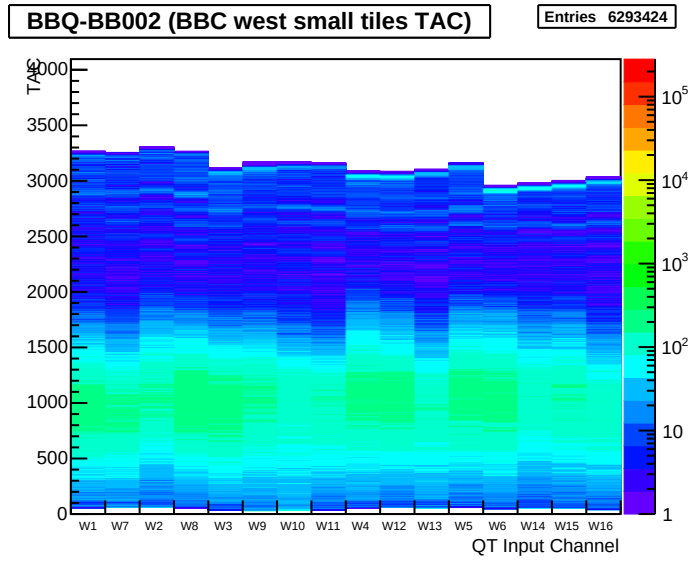

L2-TF201
Entries 2753373
Threshold/UPC bits
346293
348086
344800
348215
345470
343824
374231
47046
45253
48539
45124
47869
49515
19108
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

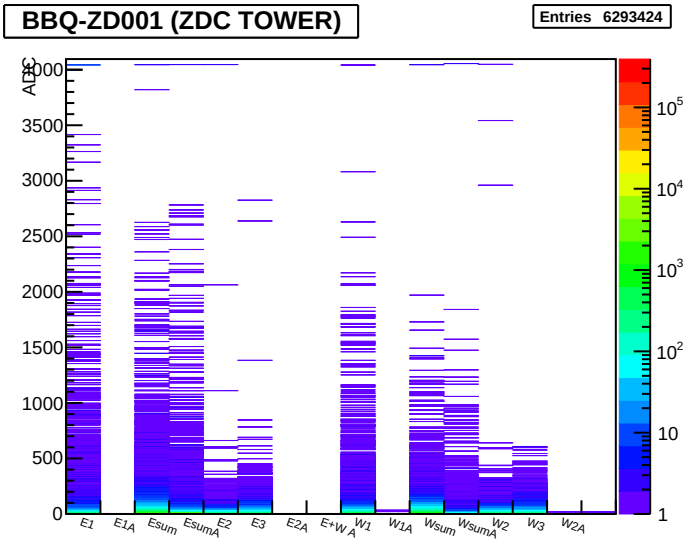

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

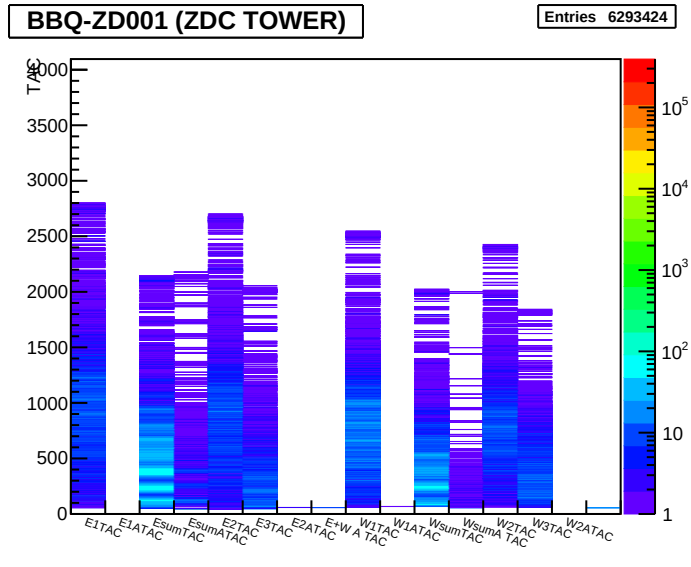

BBQ-BB001 (BBC east small tiles ADC)
Entries 6293424
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

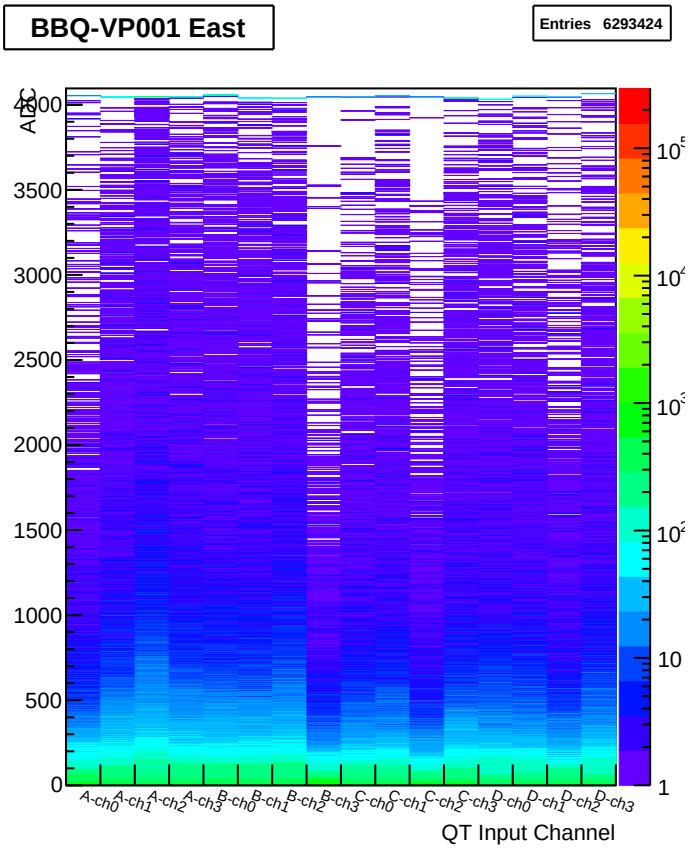

BBQ-BB001 (BBC east small tiles TAC)
Entries 6293424
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

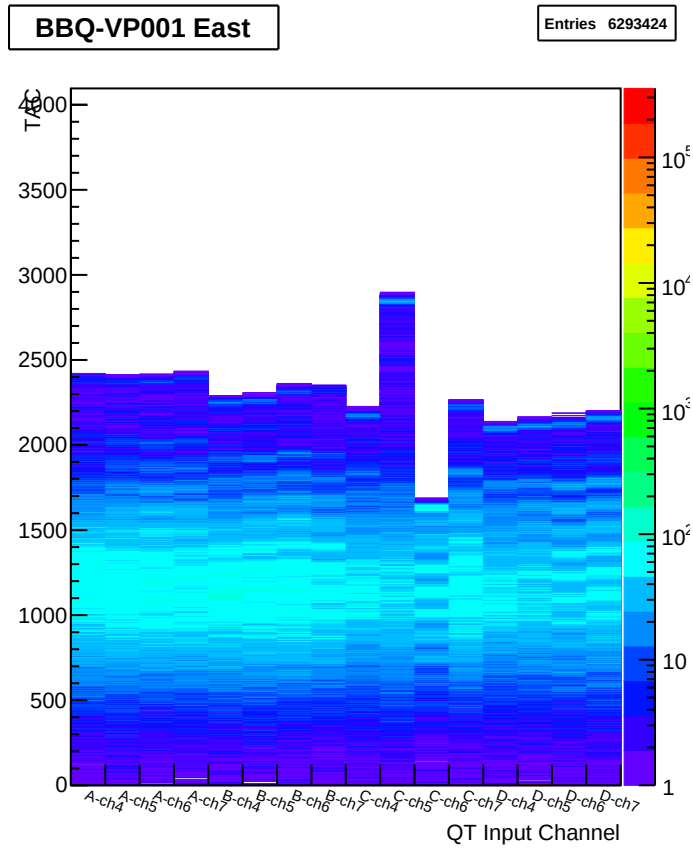

BBQ-BB002 (BBC west small tiles ADC)
Entries 6293424
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

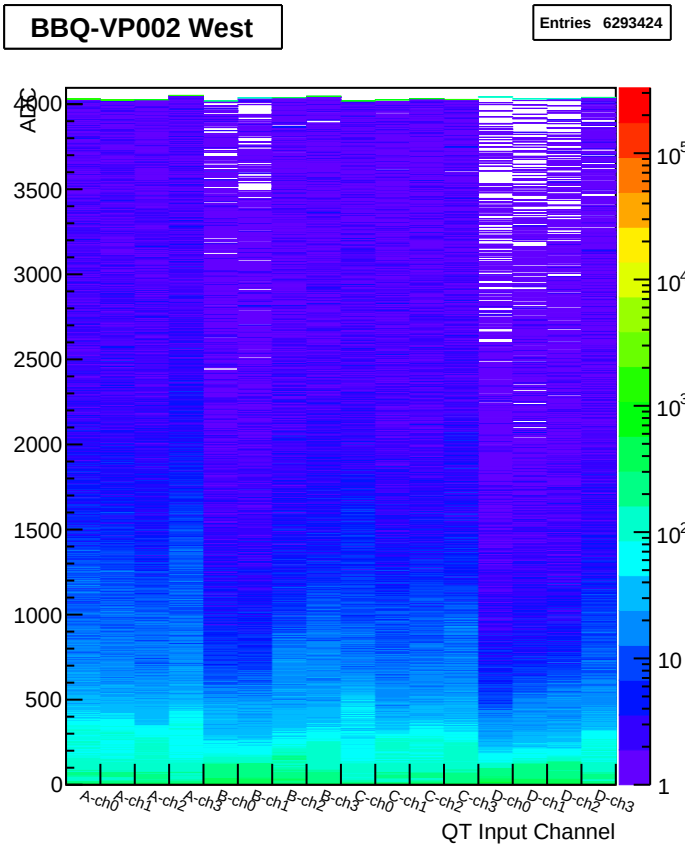

BBQ-BB002 (BBC west small tiles TAC)
Entries 6293424
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

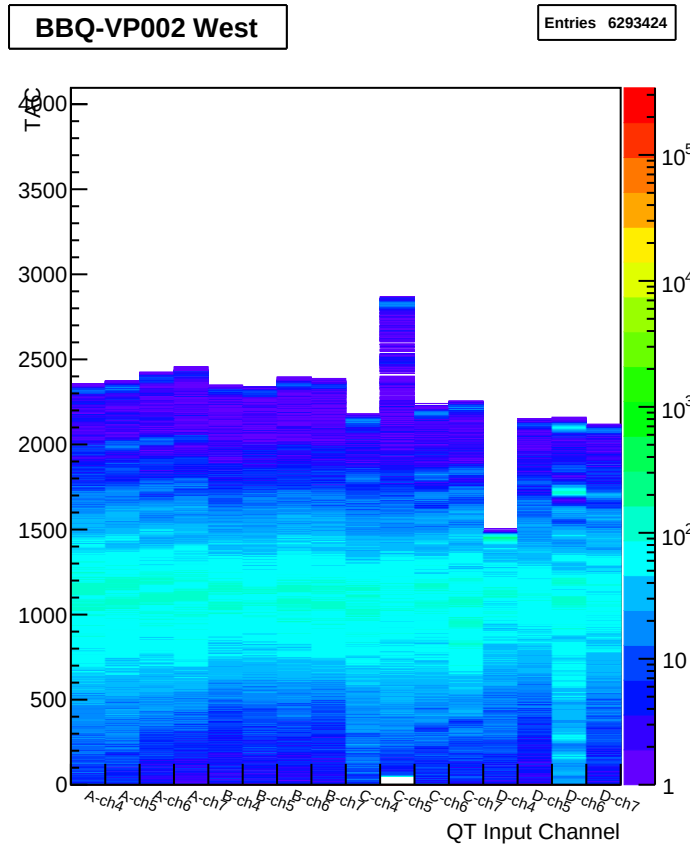

BBQ-ZD001 (ZDC TOWER)
Entries 6293424
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

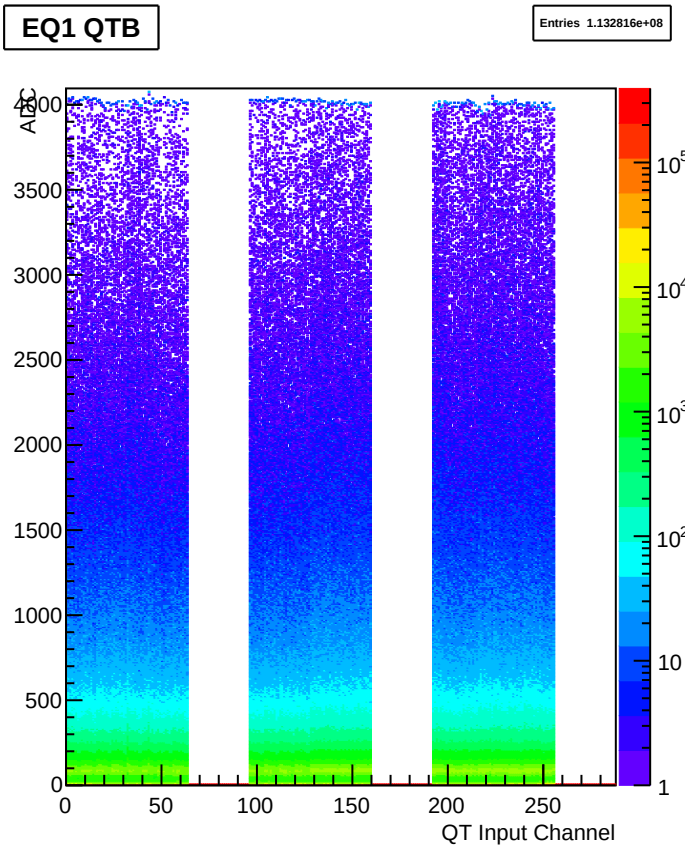

BBQ-ZD001 (ZDC TOWER)
Entries 6293424
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

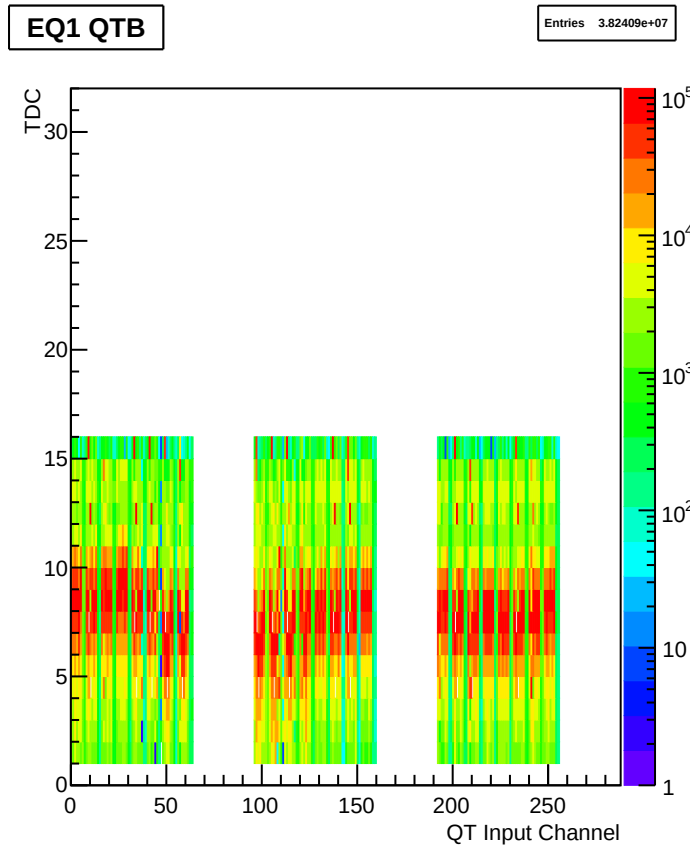

BBQ-VP001 East
Entries 6293424
ADC
QT Input Channel

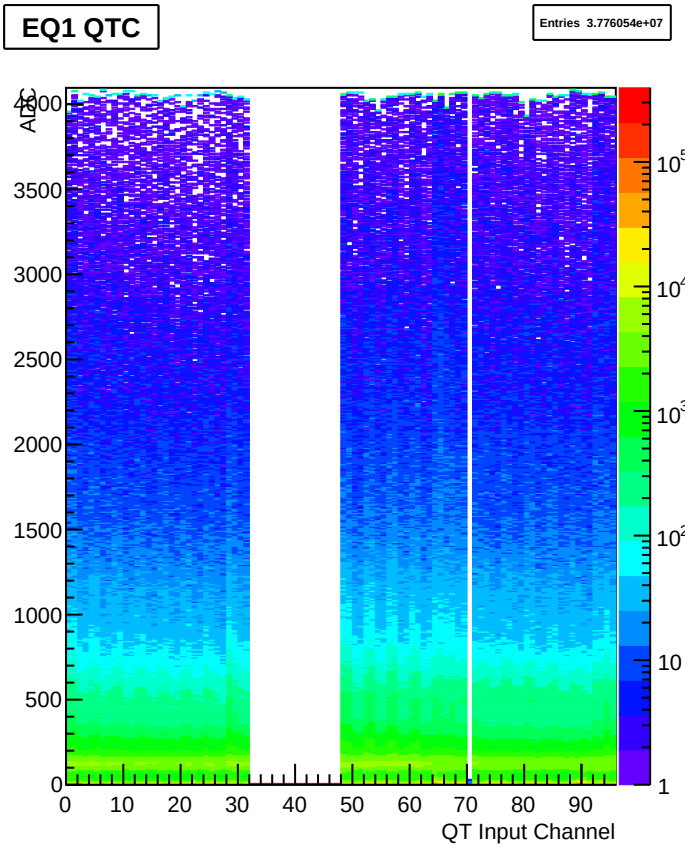

BBQ-VP001 East
Entries 6293424
ADC
QT Input Channel

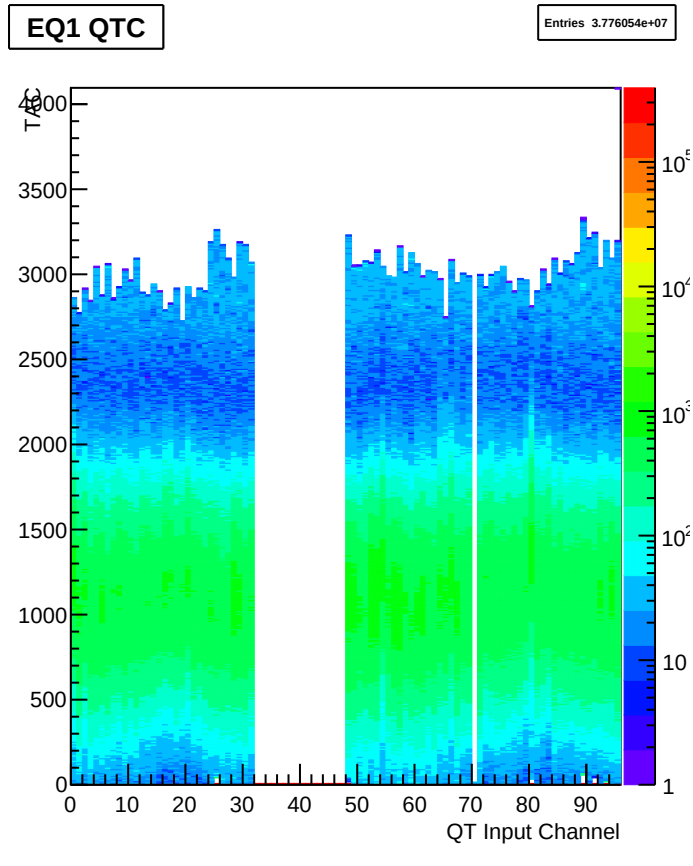

BBQ-VP002 West
Entries 6293424
ADC
QT Input Channel

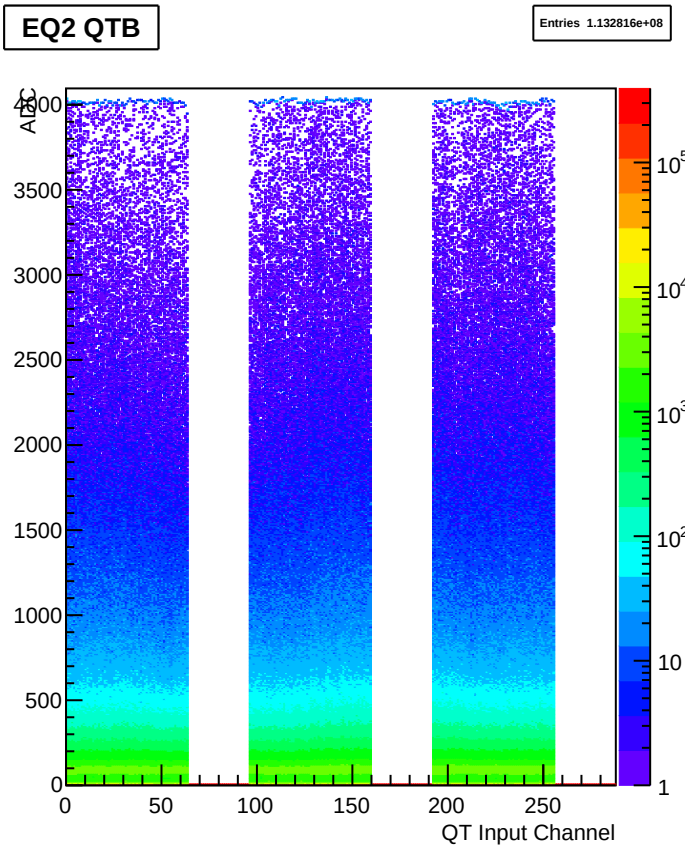

BBQ-VP002 West
Entries 6293424
ADC
QT Input Channel

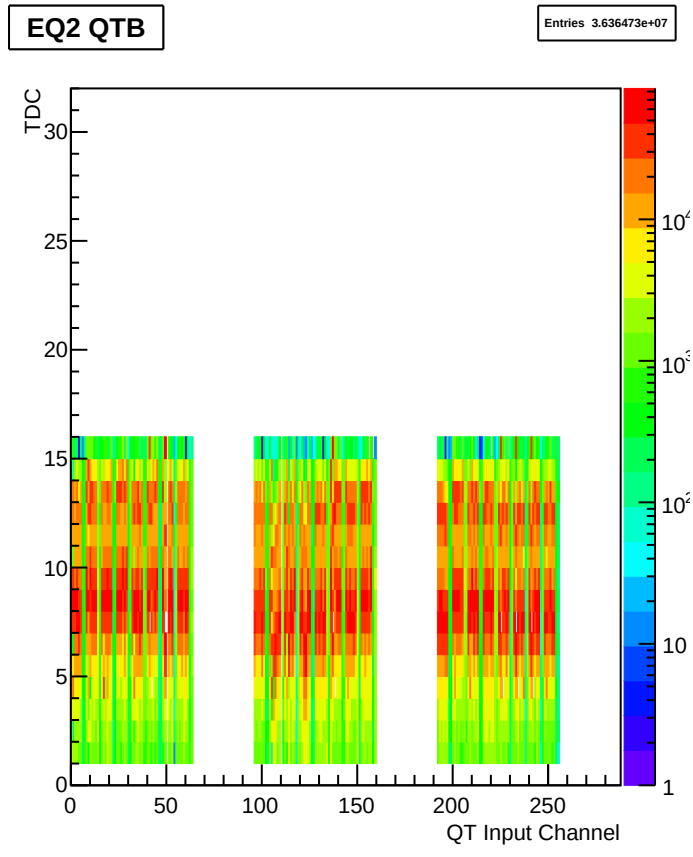

EQ1 QTB
Entries 1.132816e+08
ADC
QT Input Channel

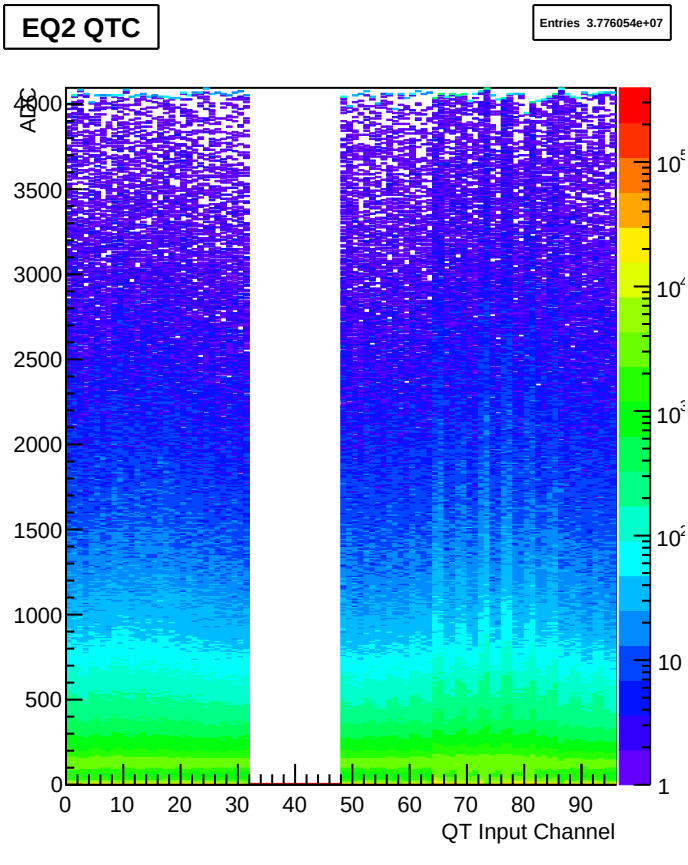

EQ1 QTB
Entries 3.82409e+07
TDC
QT Input Channel

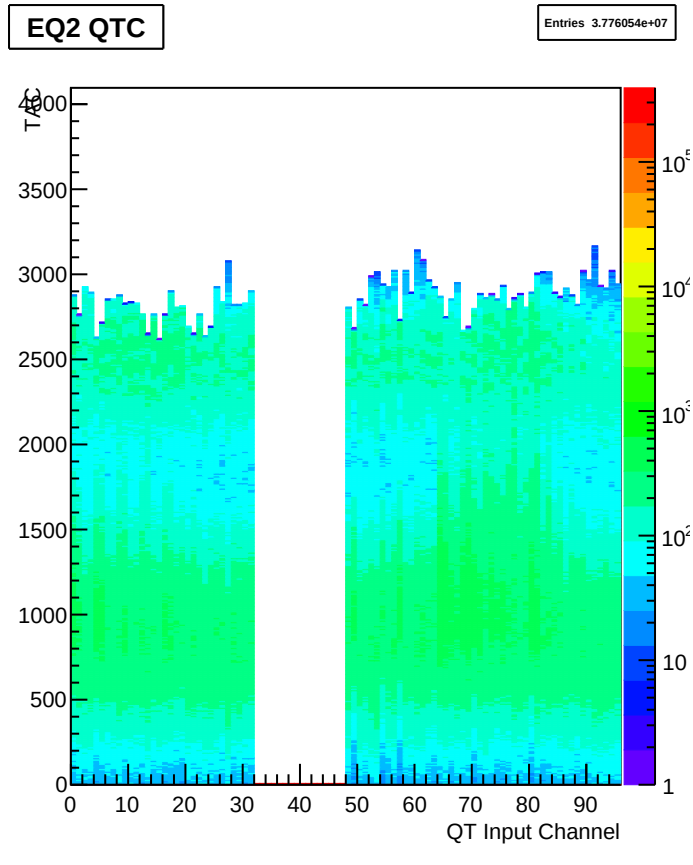

EQ1 QTC
Entries 3.776054e+07
ADC
QT Input Channel

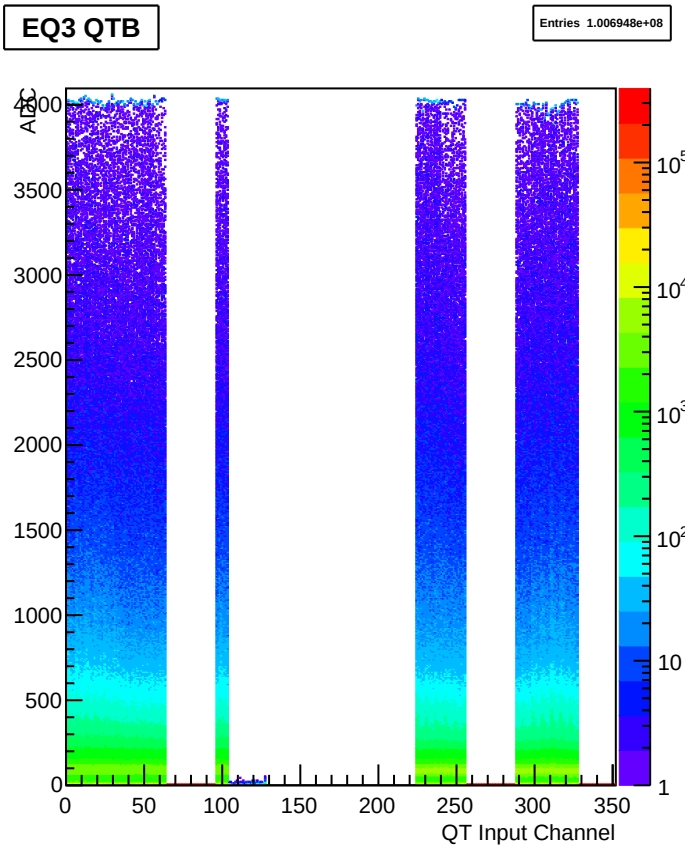

EQ1 QTC
Entries 3.776054e+07
TADC
QT Input Channel

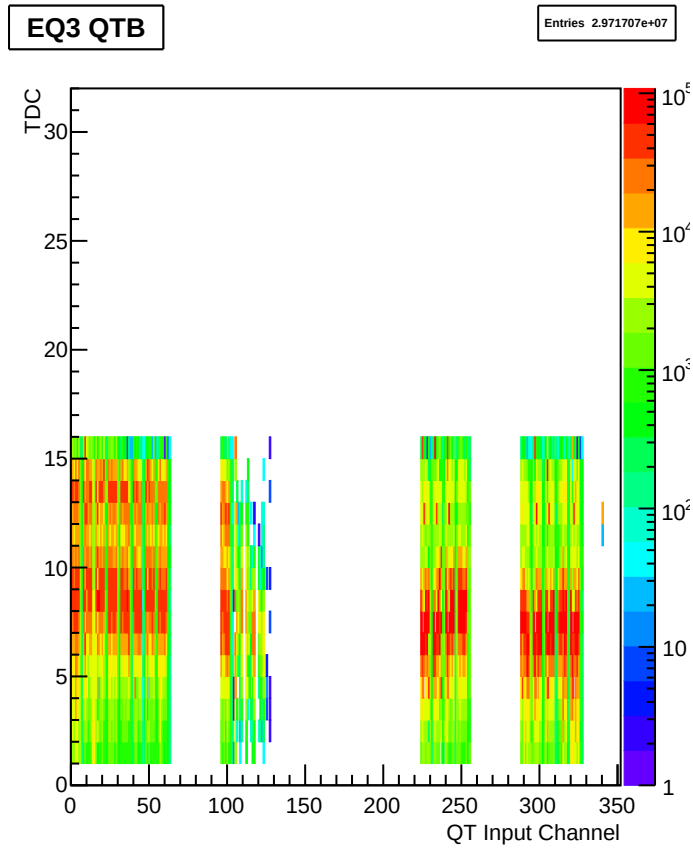

EQ2 QTB
Entries 1.132816e+08
ADC
QT Input Channel

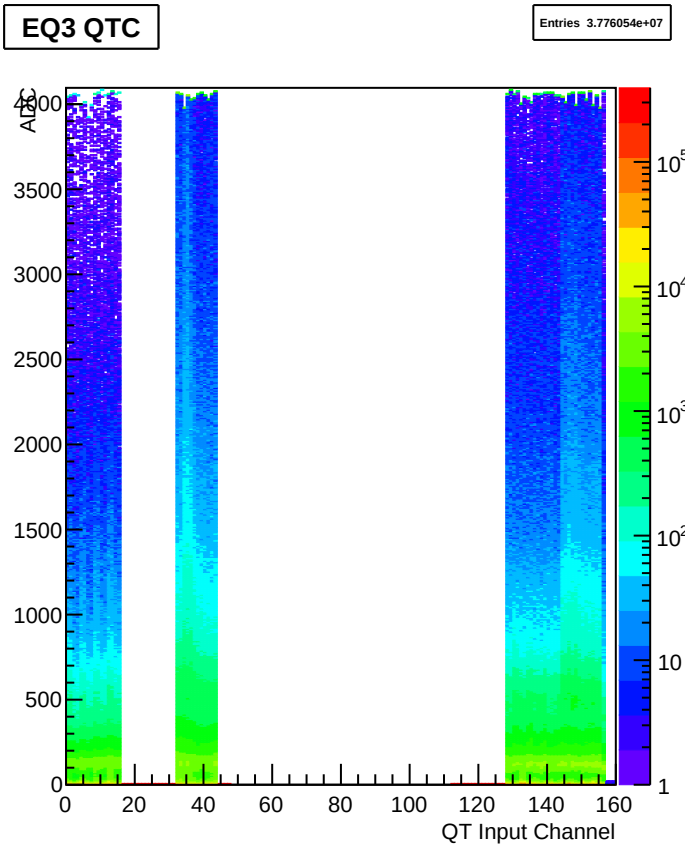

EQ2 QTB
Entries 3.636473e+07
TDC
QT Input Channel

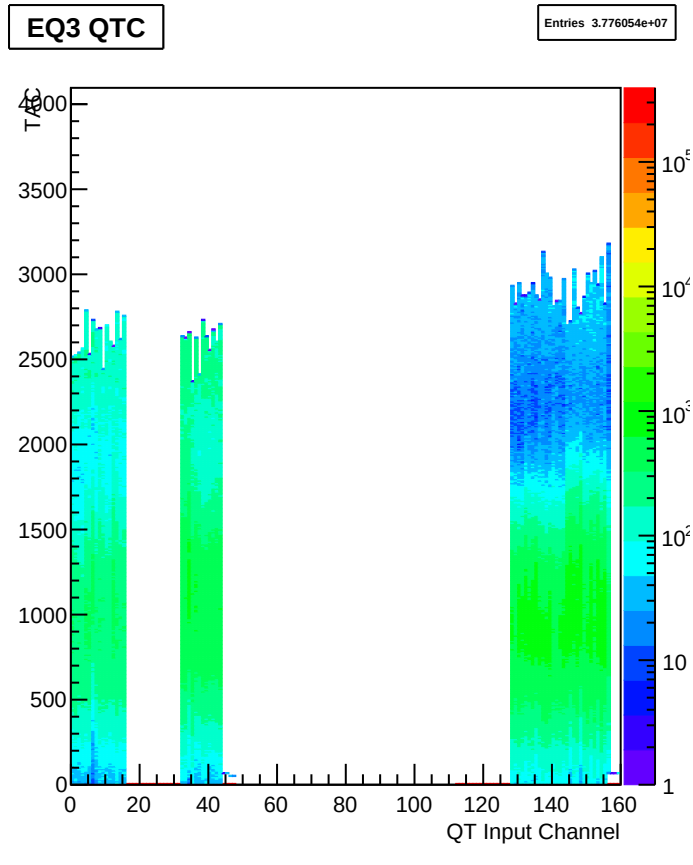

EQ2 QTC
Entries 3.776054e+07
ADC
QT Input Channel

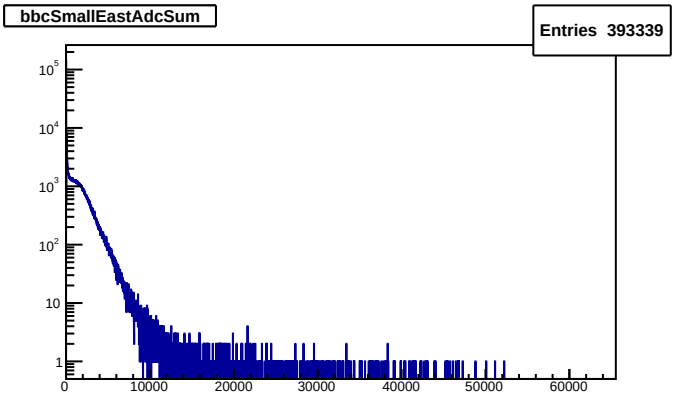

EQ2 QTC
Entries 3.776054e+07
TADC
QT Input Channel

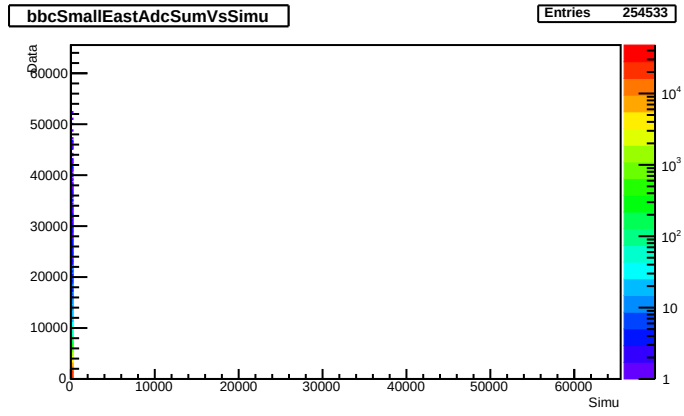

EQ3 QTB
Entries 1.006948e+08
ADC
QT Input Channel

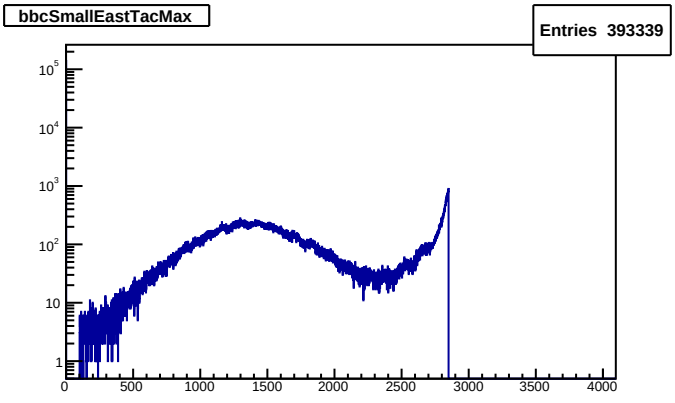

EQ3 QTB
Entries 2.971707e+07
TDC
QT Input Channel

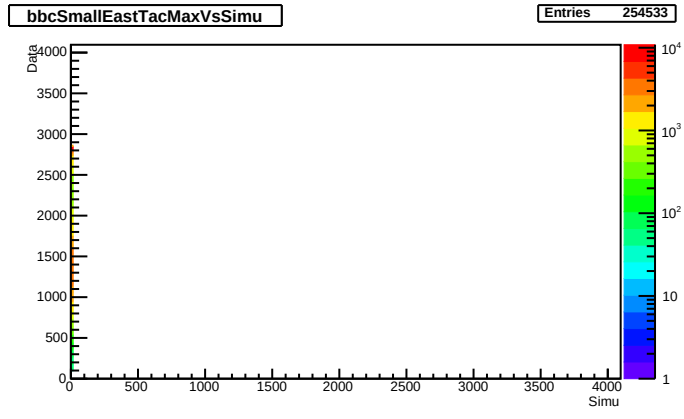

EQ3 QTC
Entries 3.776054e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.776054e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 393339


bbcSmallEastAdcSumVsSimu
Entries 254533
Data
Simu


bbcSmallEastTacMax
Entries 393339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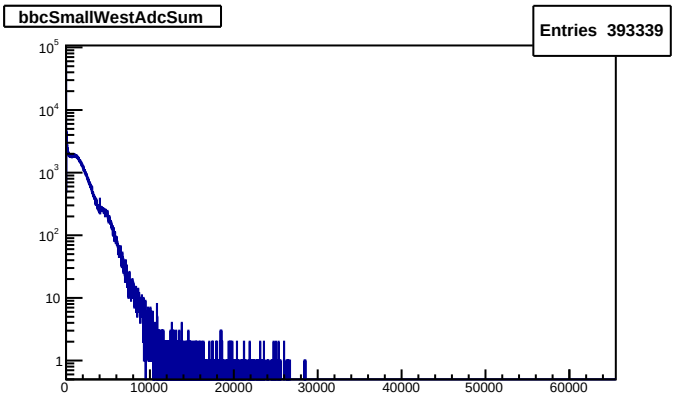
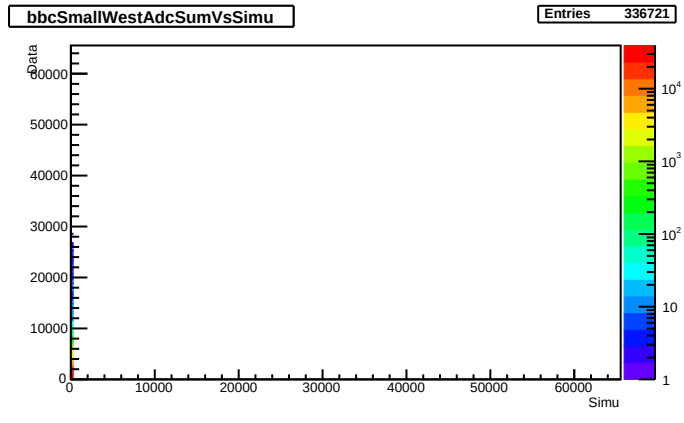
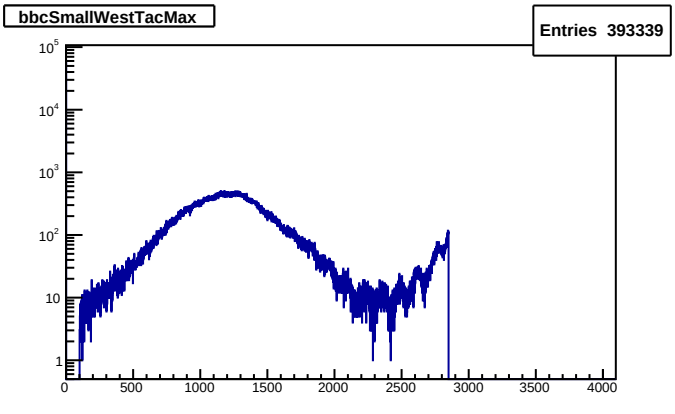
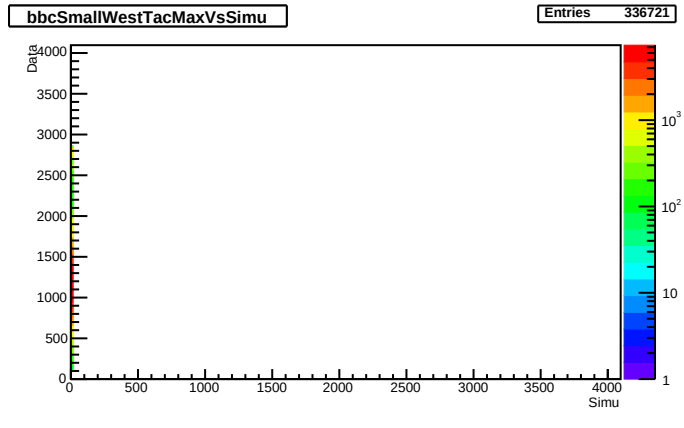
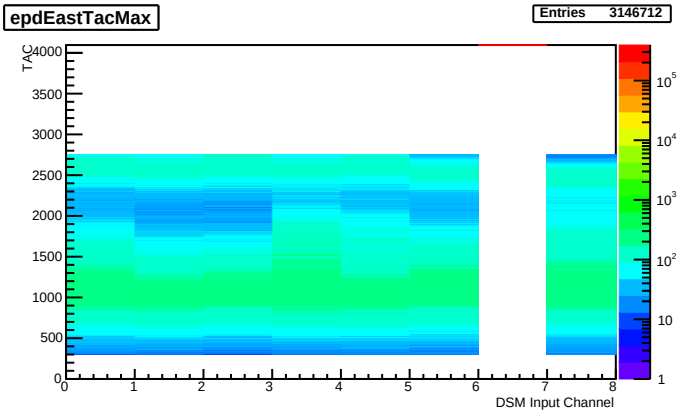
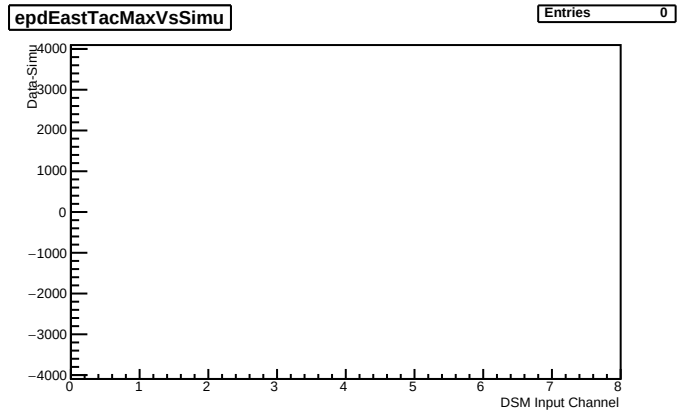

bbcSmallWestAdcSum
Entries 393339


bbcSmallWestAdcSumVsSimu
Entries 336721
Data
Simu


bbcSmallWestTacMax
Entries 393339


bbcSmallWestTacMaxVsSimu
Entries 336721
Data
Simu


epdEastTacMax
Entries 3146712
TAC
DSM Input Channel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Entries 0
Data-Simu
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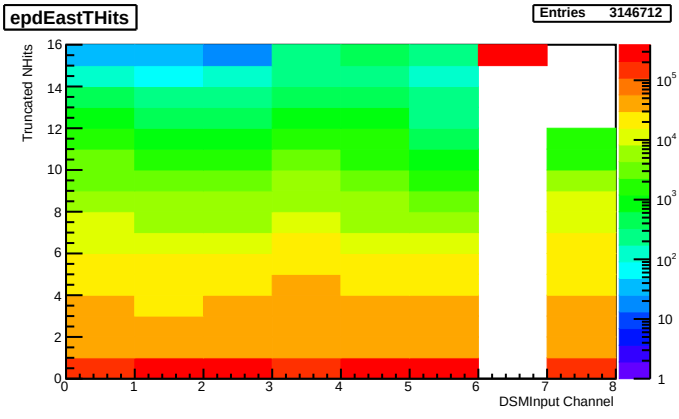
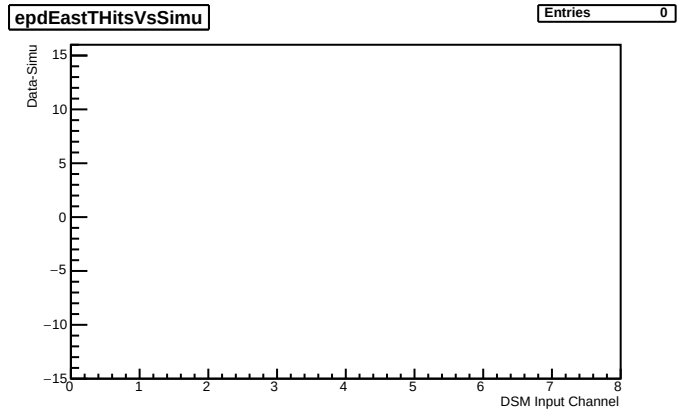

epdEastTHits
Entries 3146712
Truncated NHits
DSMInput Channel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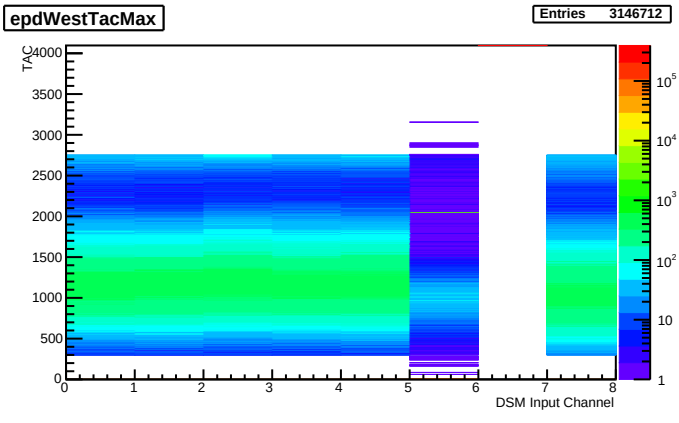
Entries 0
Data-Simu
DSM Input Channel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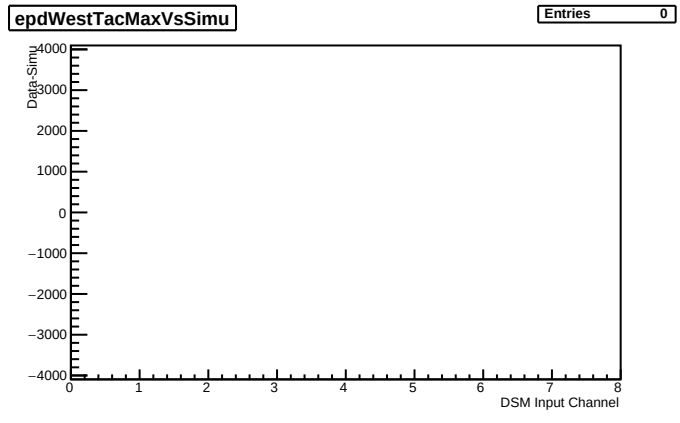
Entries 3146712
TAC
DSM Input Channel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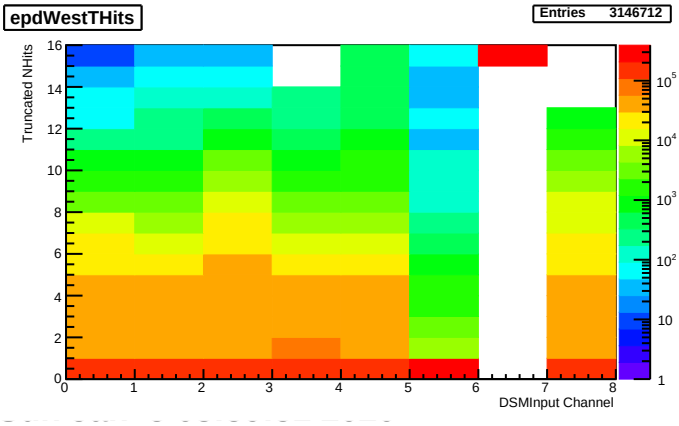
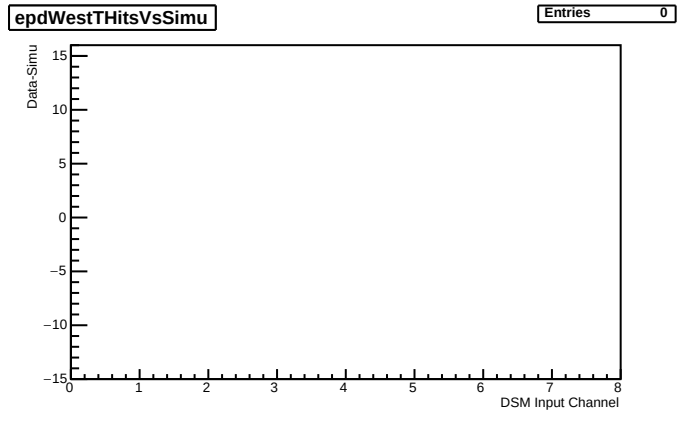
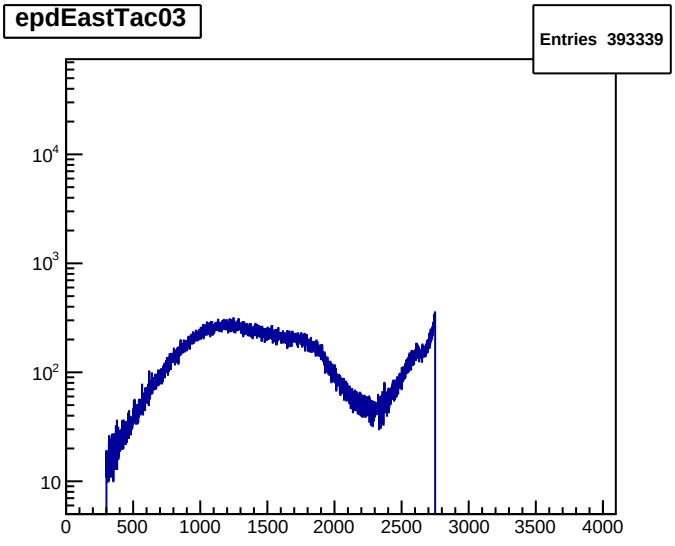
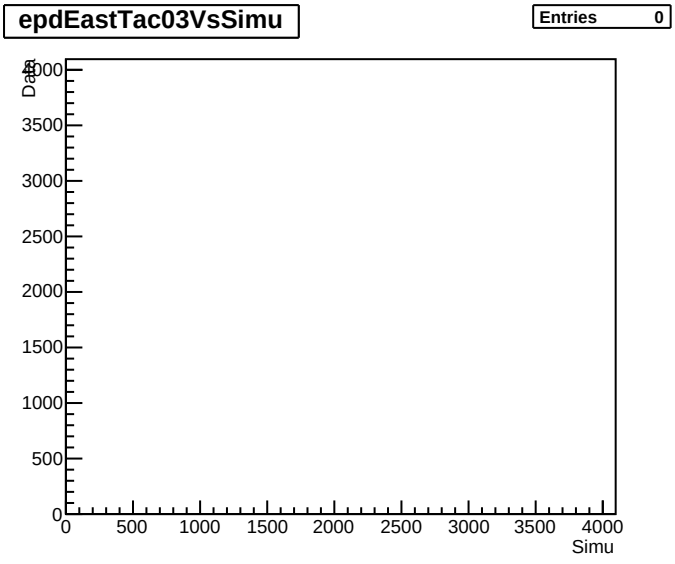
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3146712
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 393339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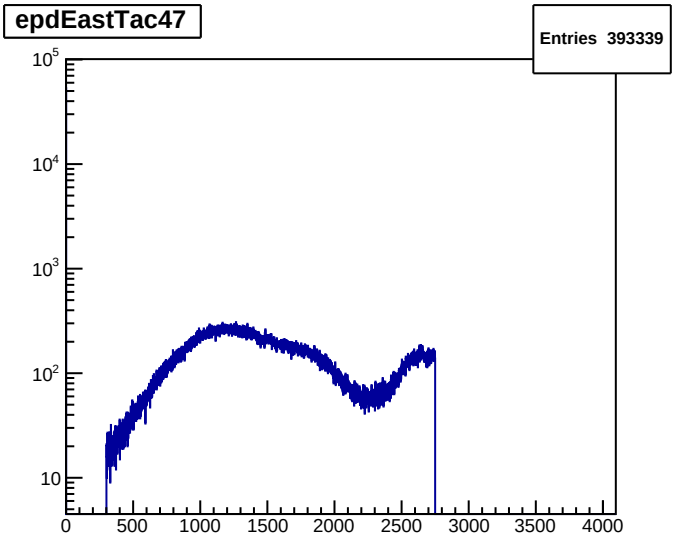
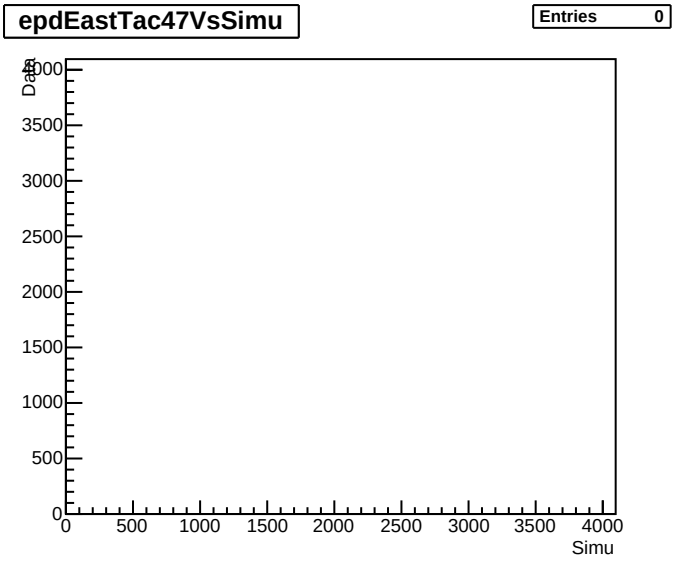
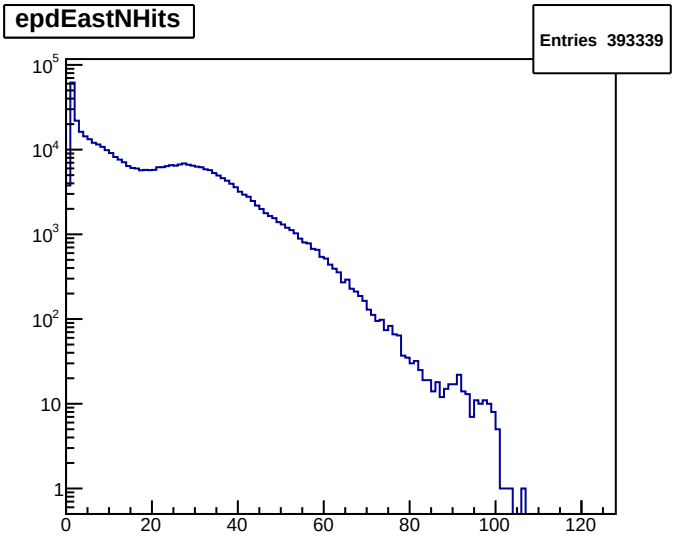
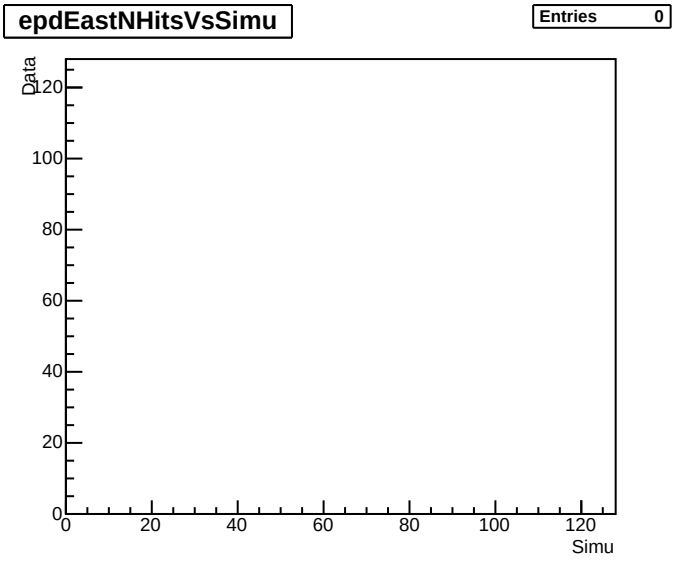
Entries 0
Data
Simu


epdEastTac47
Entries 393339


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 393339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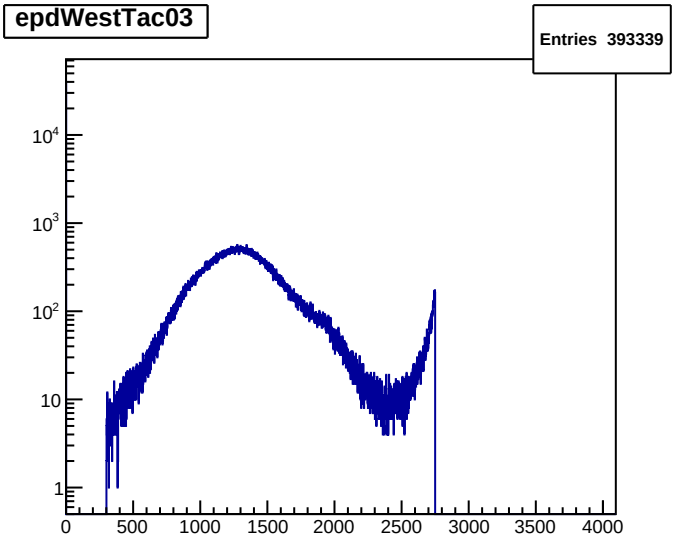
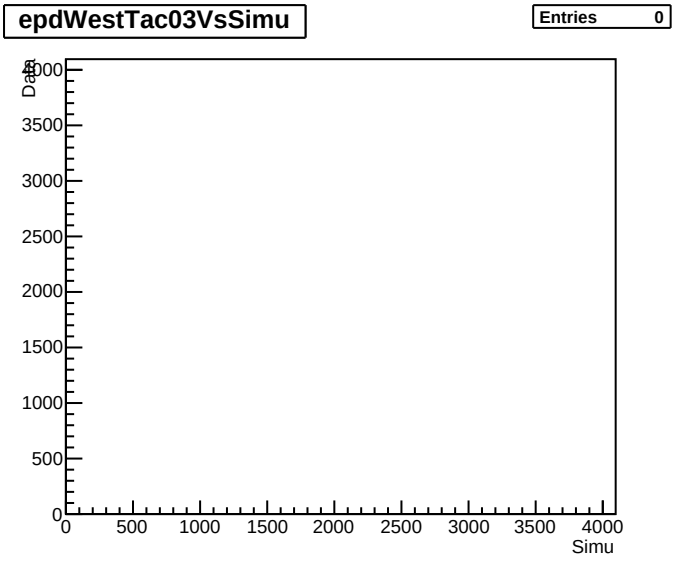
Entries 0
Data
Simu


epdWestTac03
Entries 393339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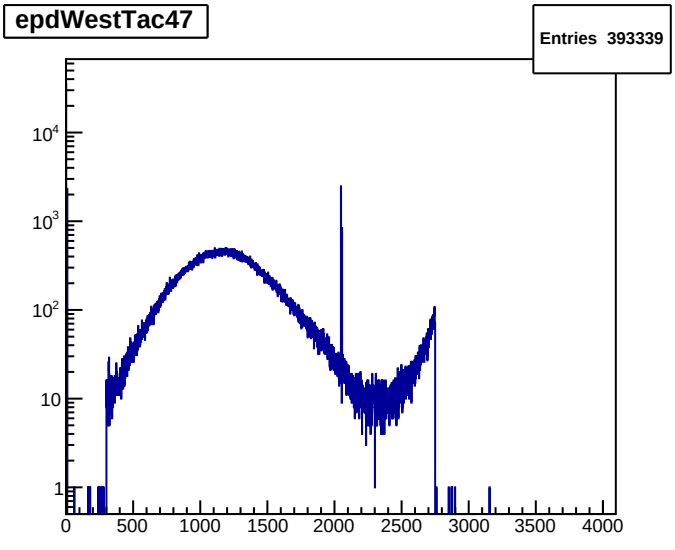
Entries 0
Data
Simu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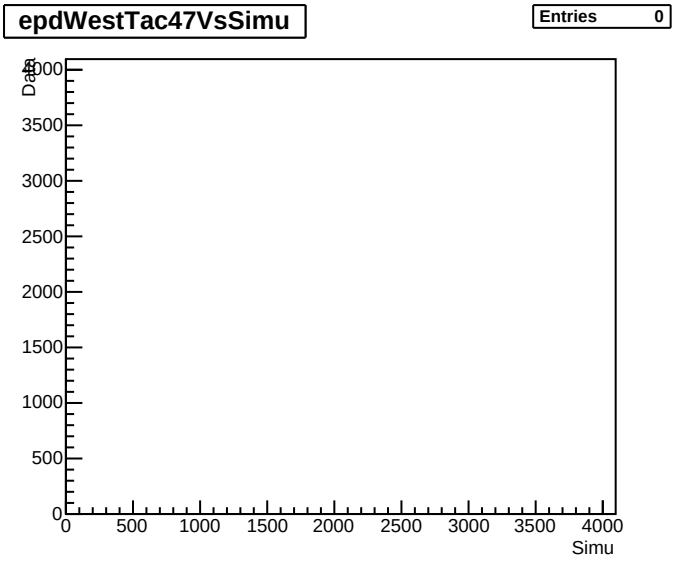
Entries 393339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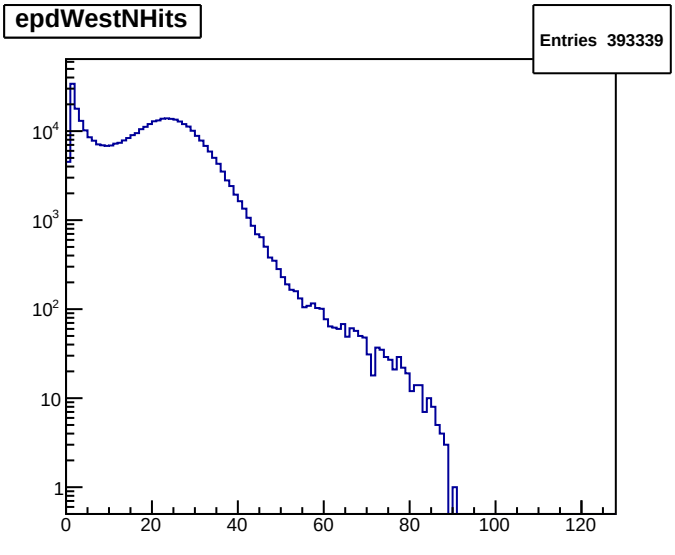
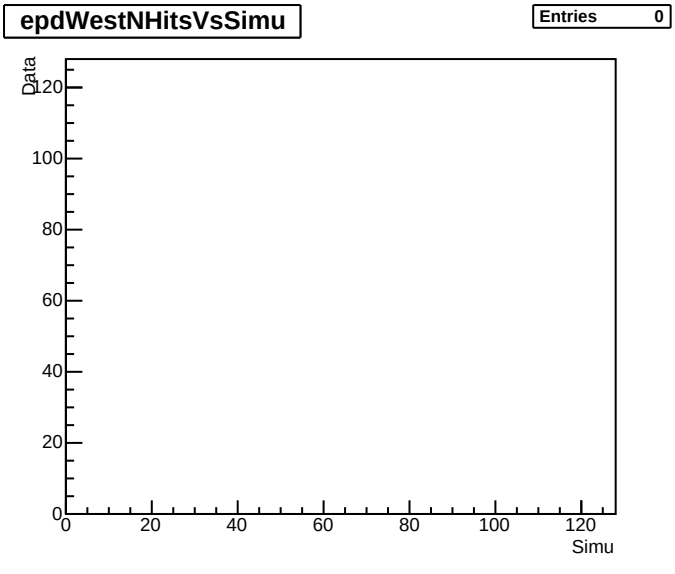
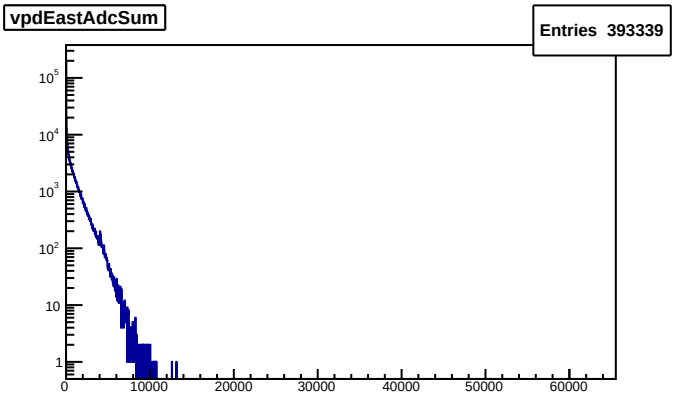
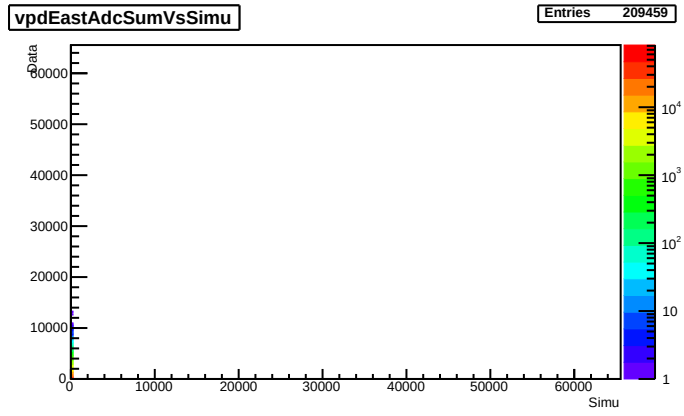
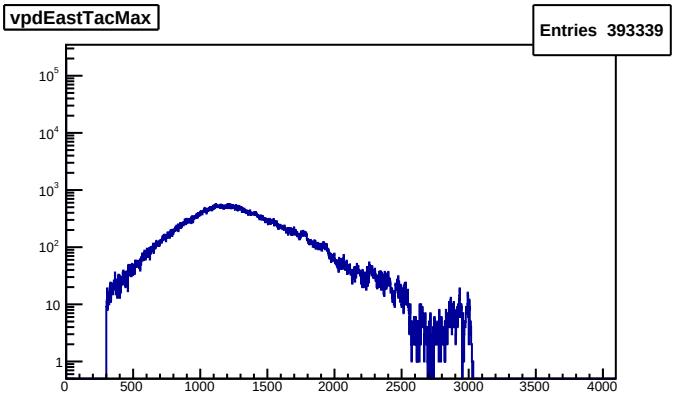
Entries 0
Data
Simu

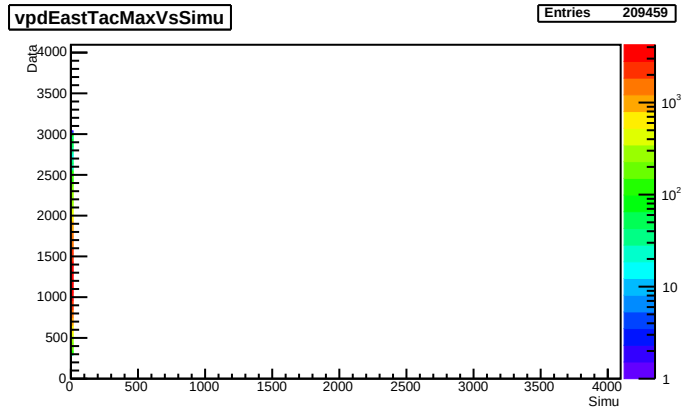

epdWestNHits
Entries 393339

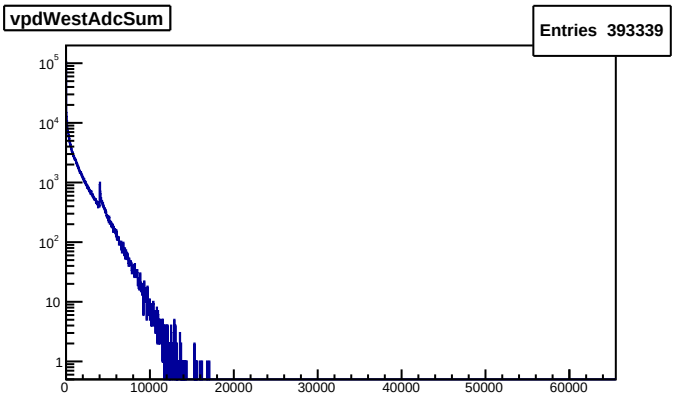

epdWestNHitsVsSimu
Entries 0
Data
Simu

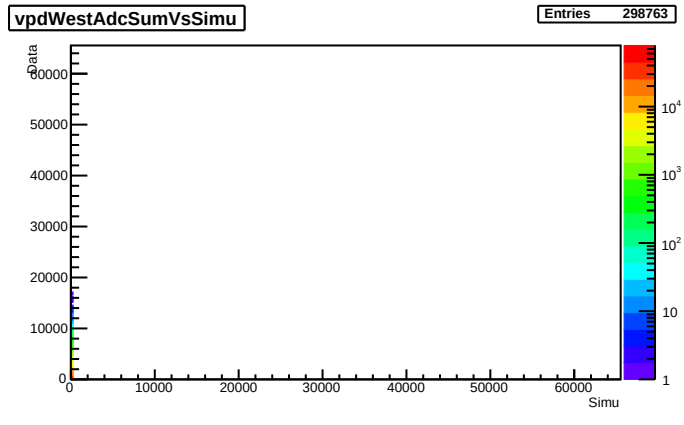

vpdEastAdcSum
Entries 393339

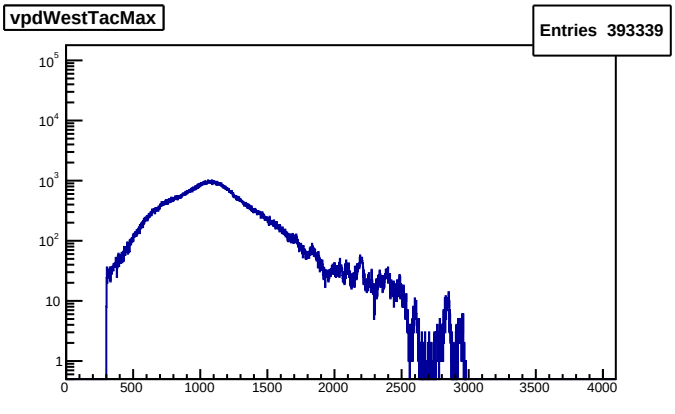

vpdEastAdcSumVsSimu
Entries 209459
Data
Simu

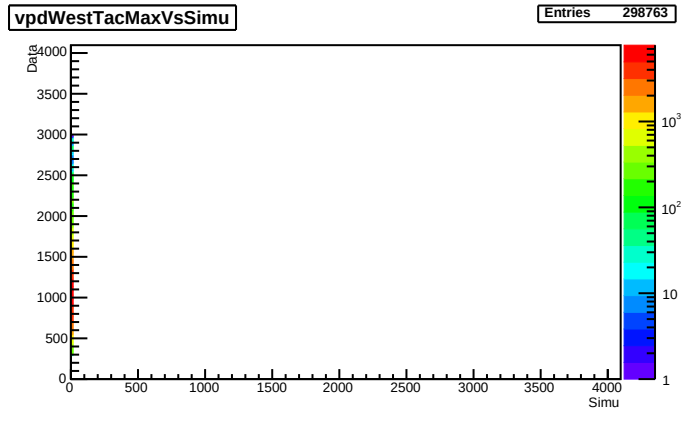

vpdEastTacMax
Entries 393339

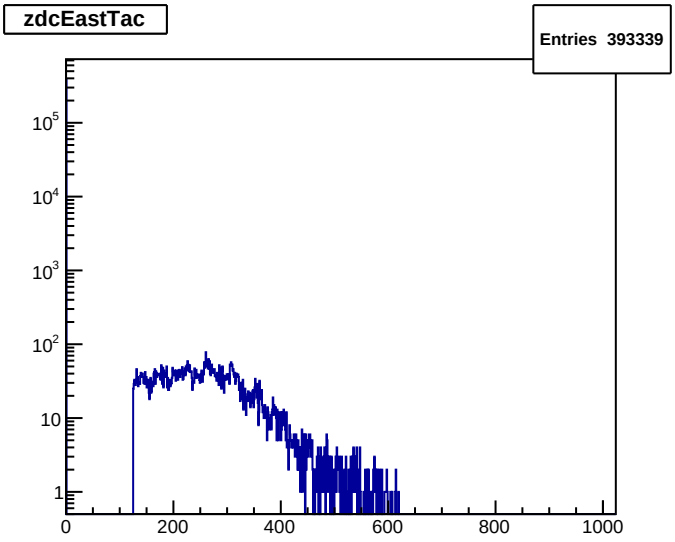

vpdEastTacMaxVsSimu
Entries 209459
Data
Simu

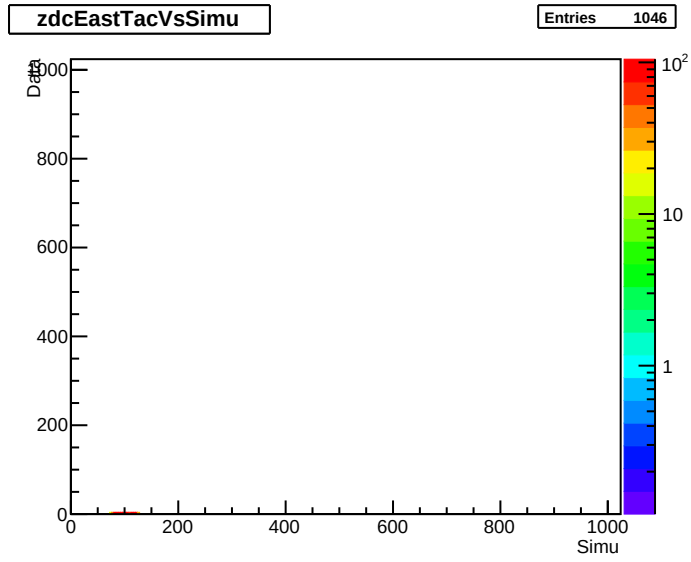

vpdWestAdcSum
Entries 393339

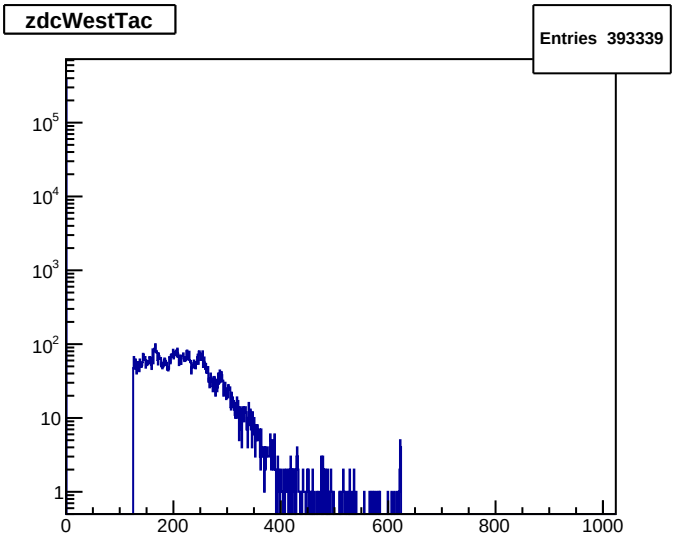

vpdWestAdcSumVsSimu
Entries 298763
Data
Simu

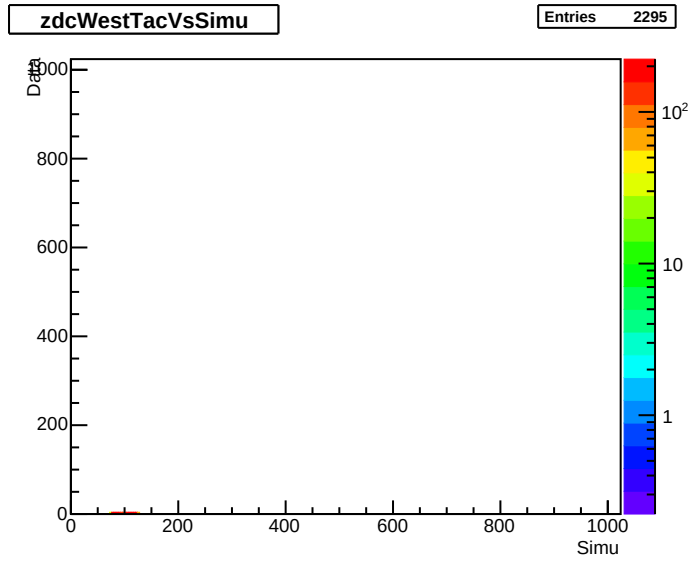

vpdWestTacMax
Entries 393339

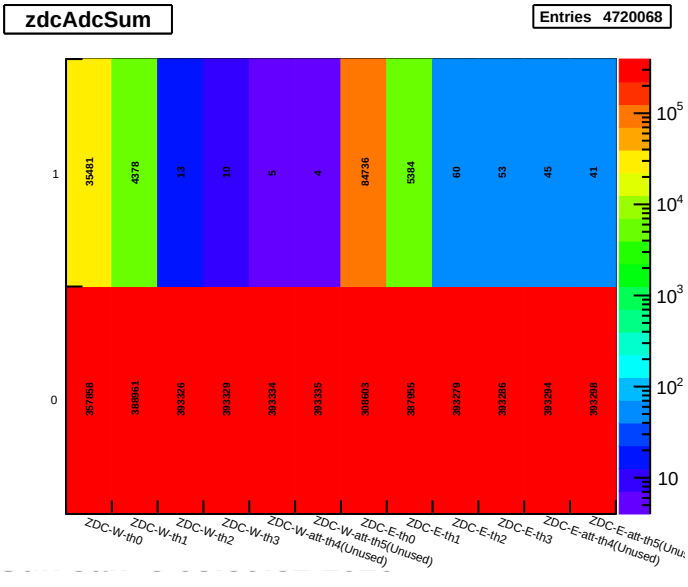

vpdWestTacMaxVsSimu
Entries 298763
Data
Simu

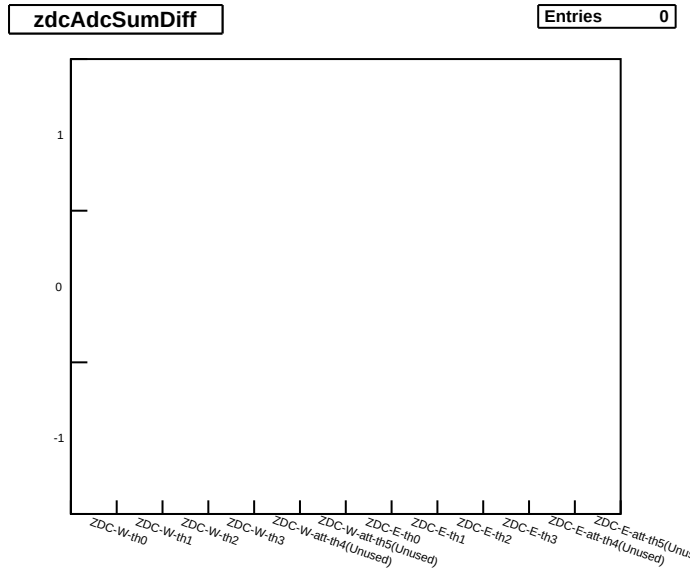

zdcEastTac
Entries 393339

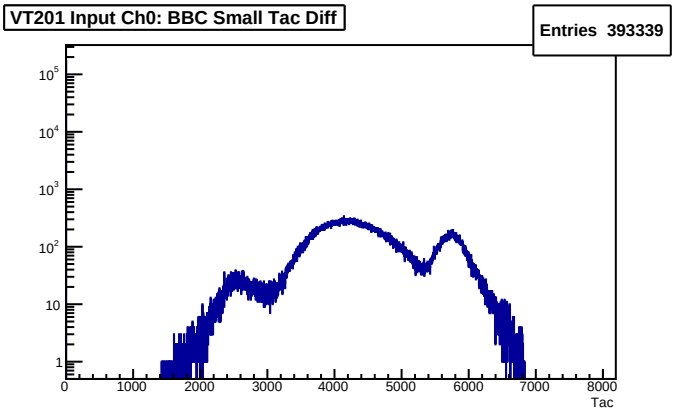

zdcEastTacVsSimu
Entries 1046
Data
Simu

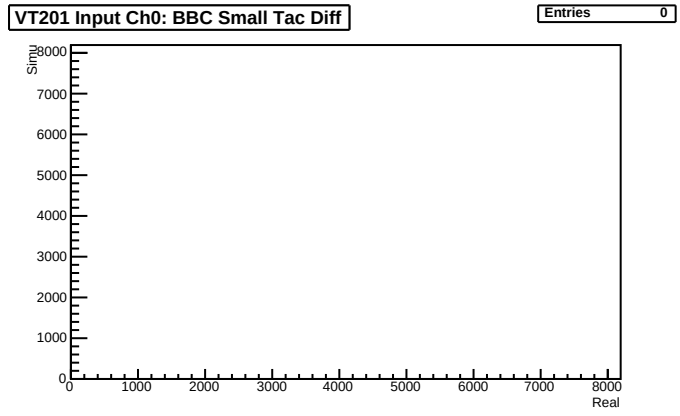

zdcWestTac
Entries 393339

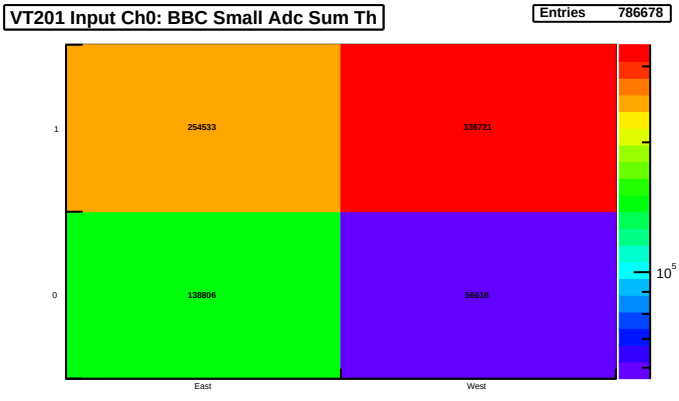

zdcWestTacVsSimu
Entries 2295
Data
Simu

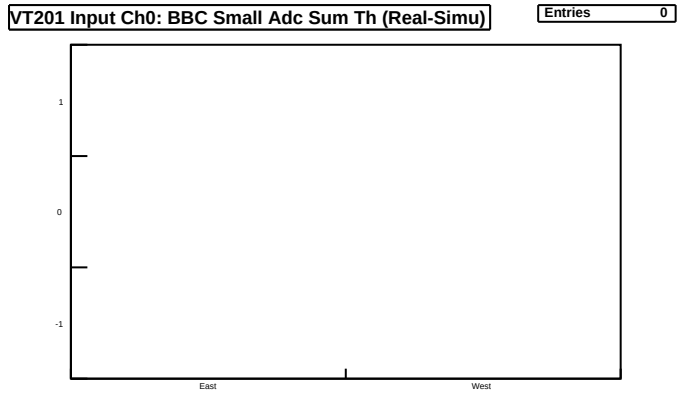

zdcAdcSum
Entries 4720068
35481
4378
13
10
5
4
84736
5384
60
53
45
41
357858
388861
393326
393329
393334
393335
308603
387855
393279
393286
393294
393298
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

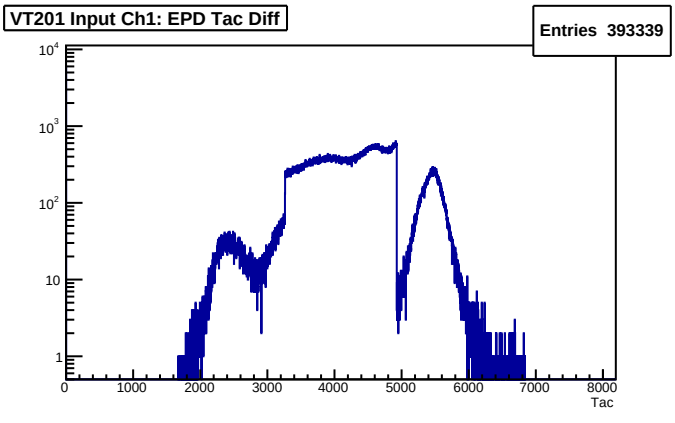

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

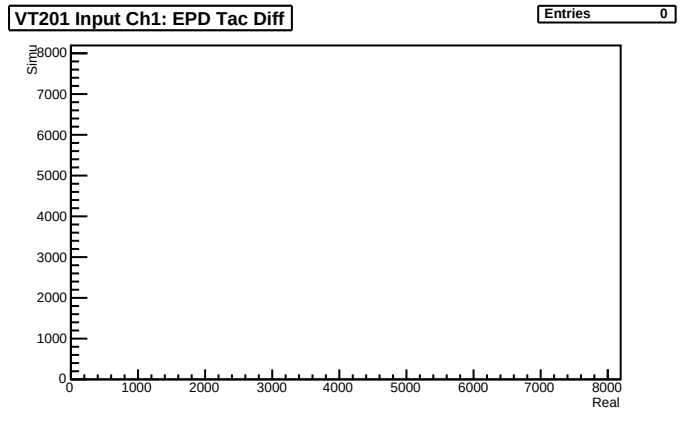

VT201 Input Ch0: BBC Small Tac Diff
Entries 393339
Tac

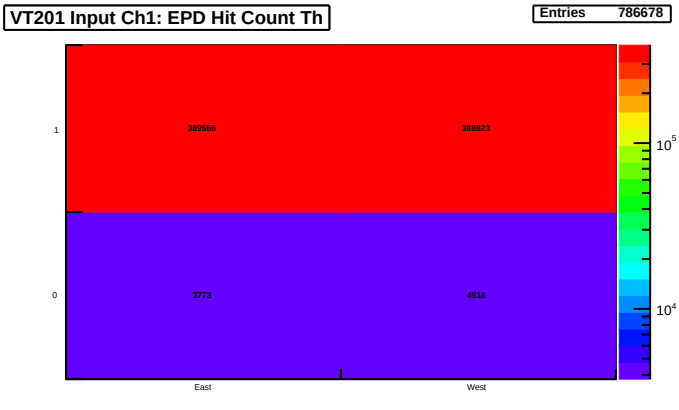

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

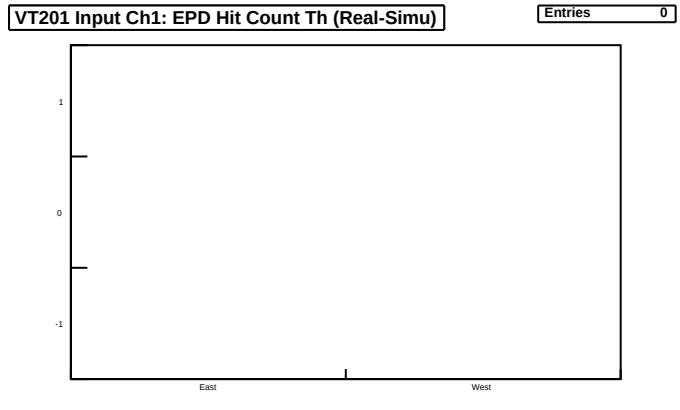

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 786678
254533
336721
138806
56618
East
West

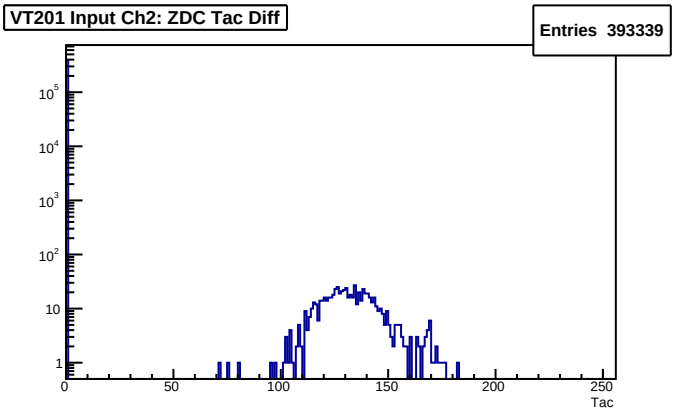

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

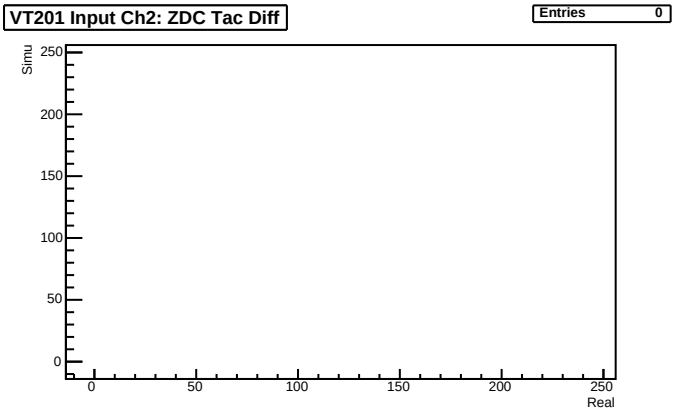

VT201 Input Ch1: EPD Tac Diff
Entries 393339
Tac

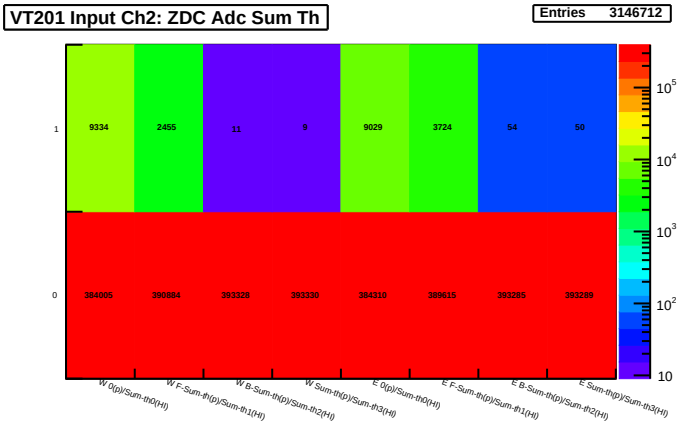

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

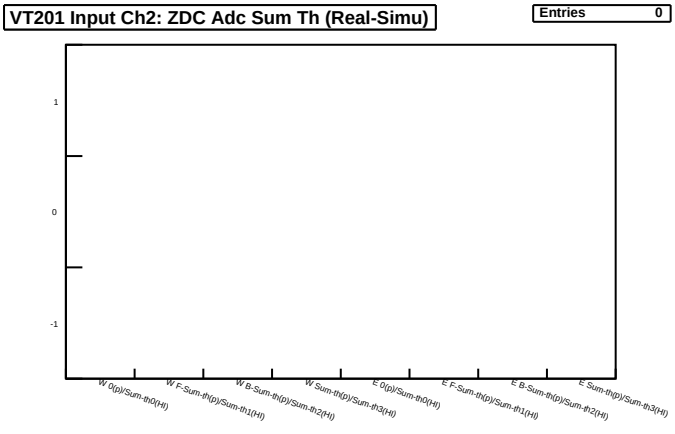

VT201 Input Ch1: EPD Hit Count Th
Entries 786678
389566
388823
3773
4516
East
West

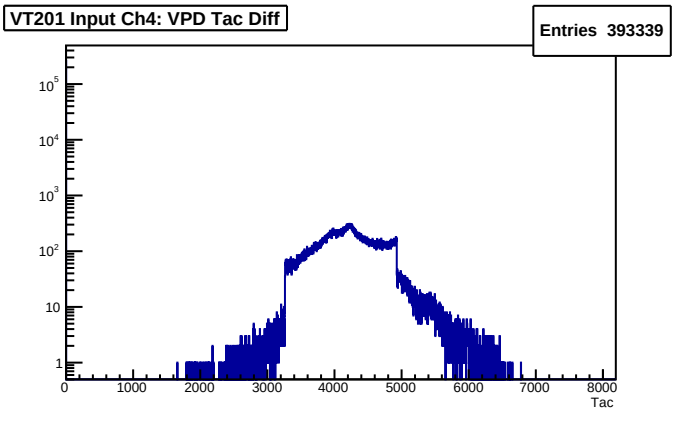

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

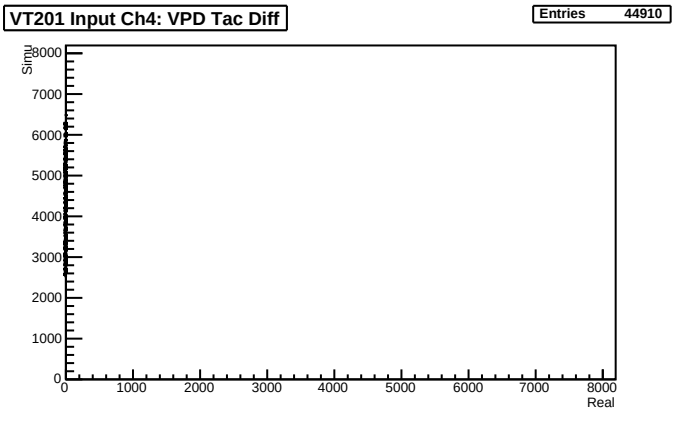

VT201 Input Ch2: ZDC Tac Diff
Entries 393339
Tac

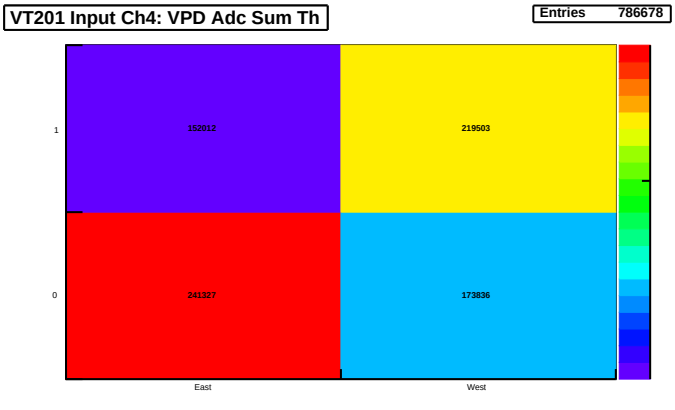

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

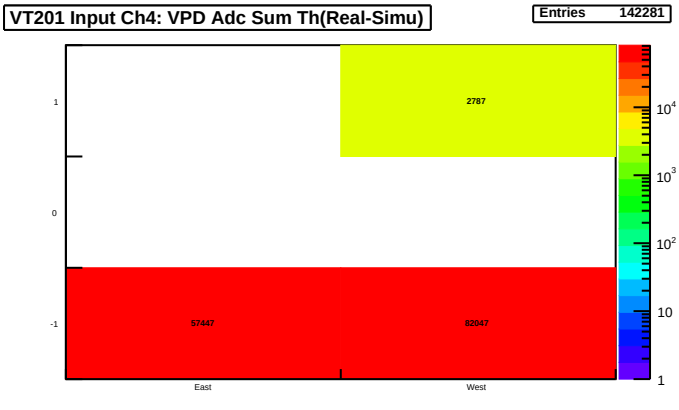

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3146712
9334
2455
11
9
9029
3724
54
50
384005
390884
393328
393330
384310
389615
393285
393289
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

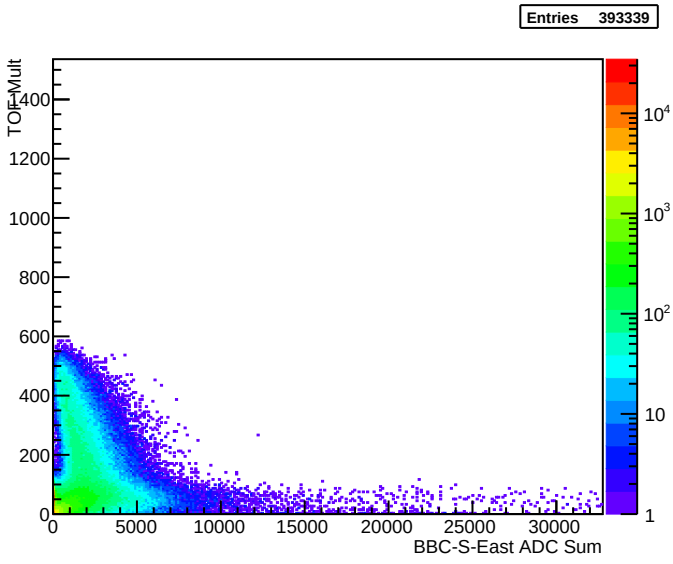

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

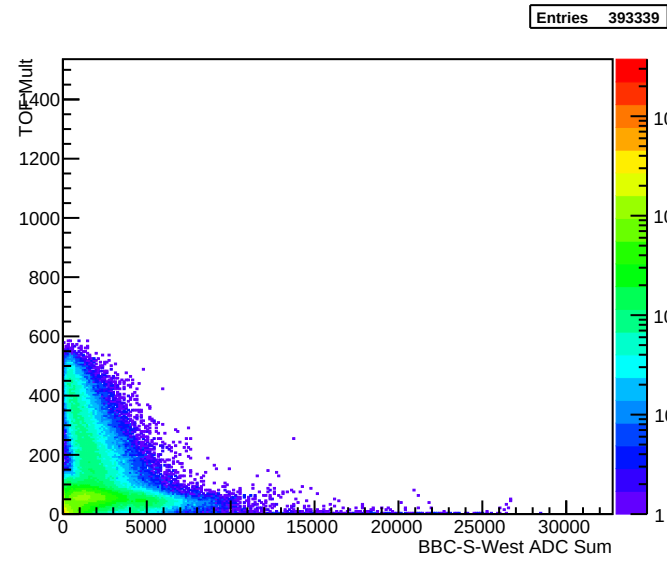

VT201 Input Ch4: VPD Tac Diff
Entries 393339
Tac

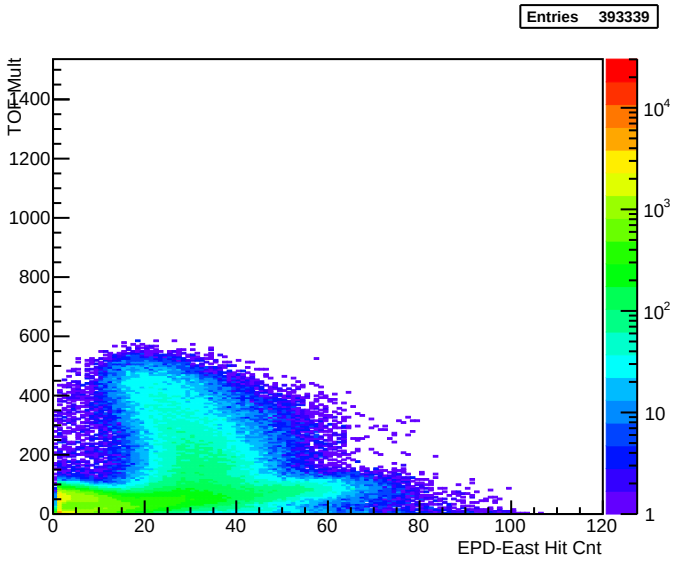

VT201 Input Ch4: VPD Tac Diff
Entries 44910
Simu
Real

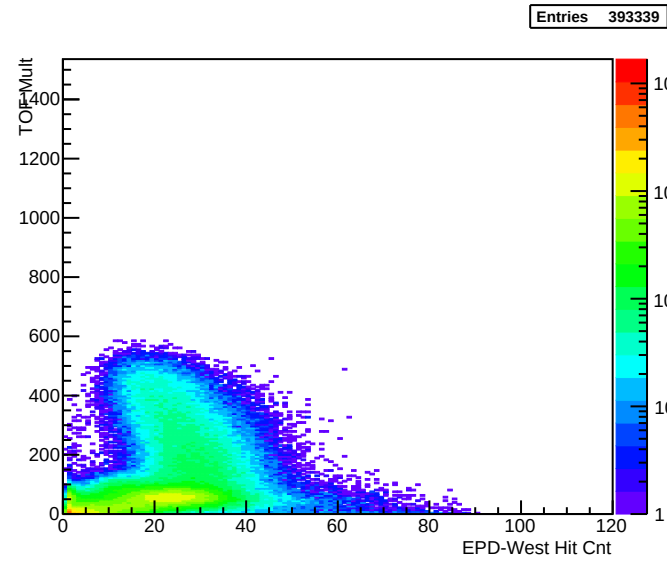

VT201 Input Ch4: VPD Adc Sum Th
Entries 786678
152012
219503
241327
173836
East
West

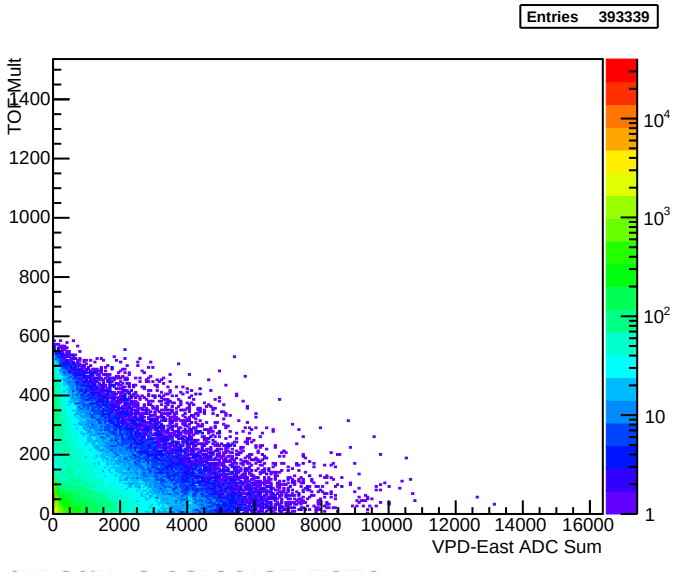

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 142281
2787
57447
82047
East
West

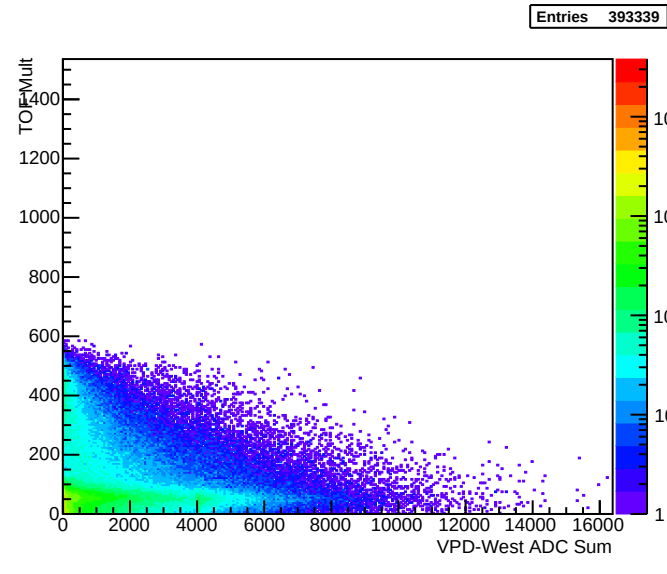

Entries 393339
TOF-Mult
BBC-S-East ADC Sum

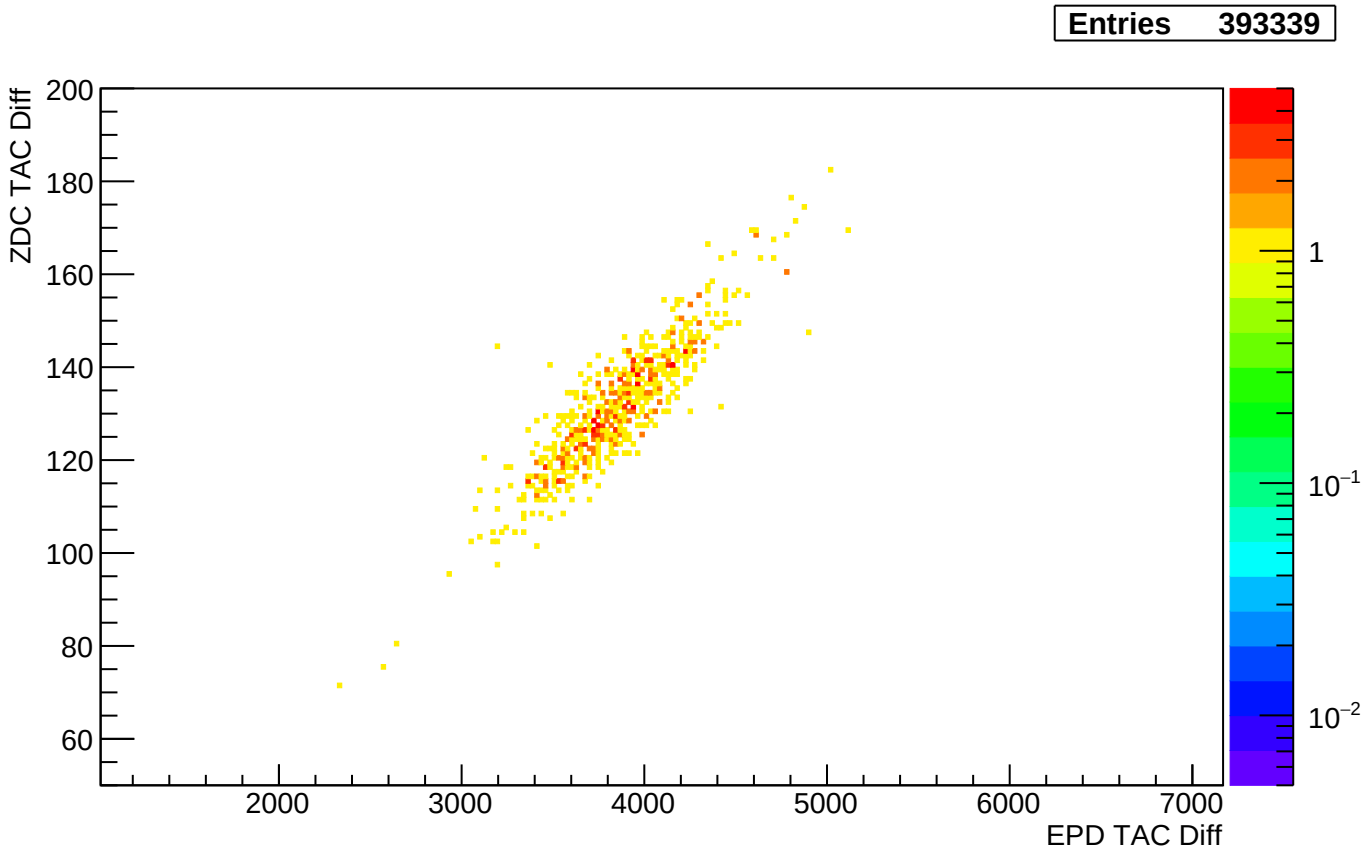

Entries 393339
TOF-Mult
BBC-S-West ADC Sum

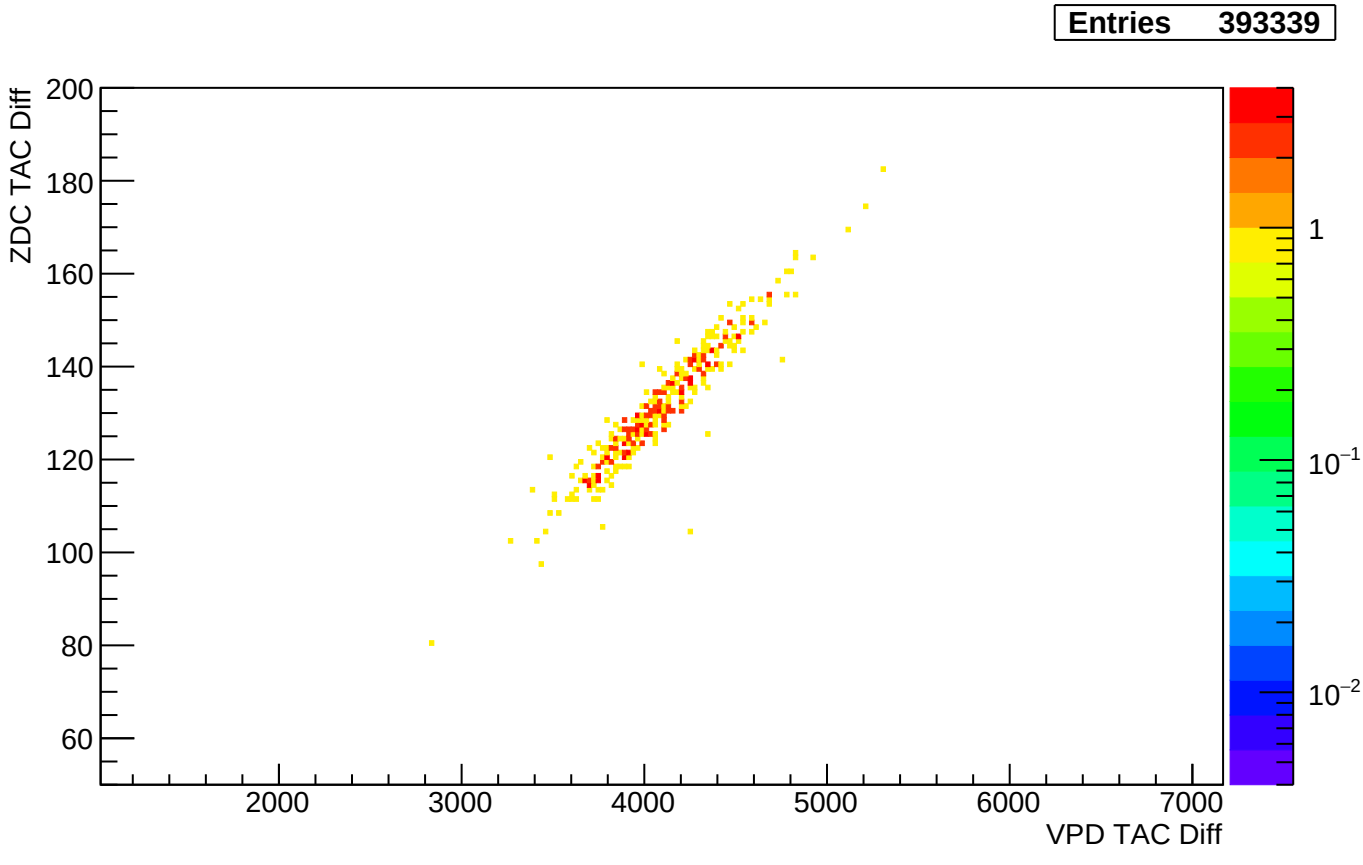

Entries 393339
TOF-Mult
EPD-East Hit Cnt

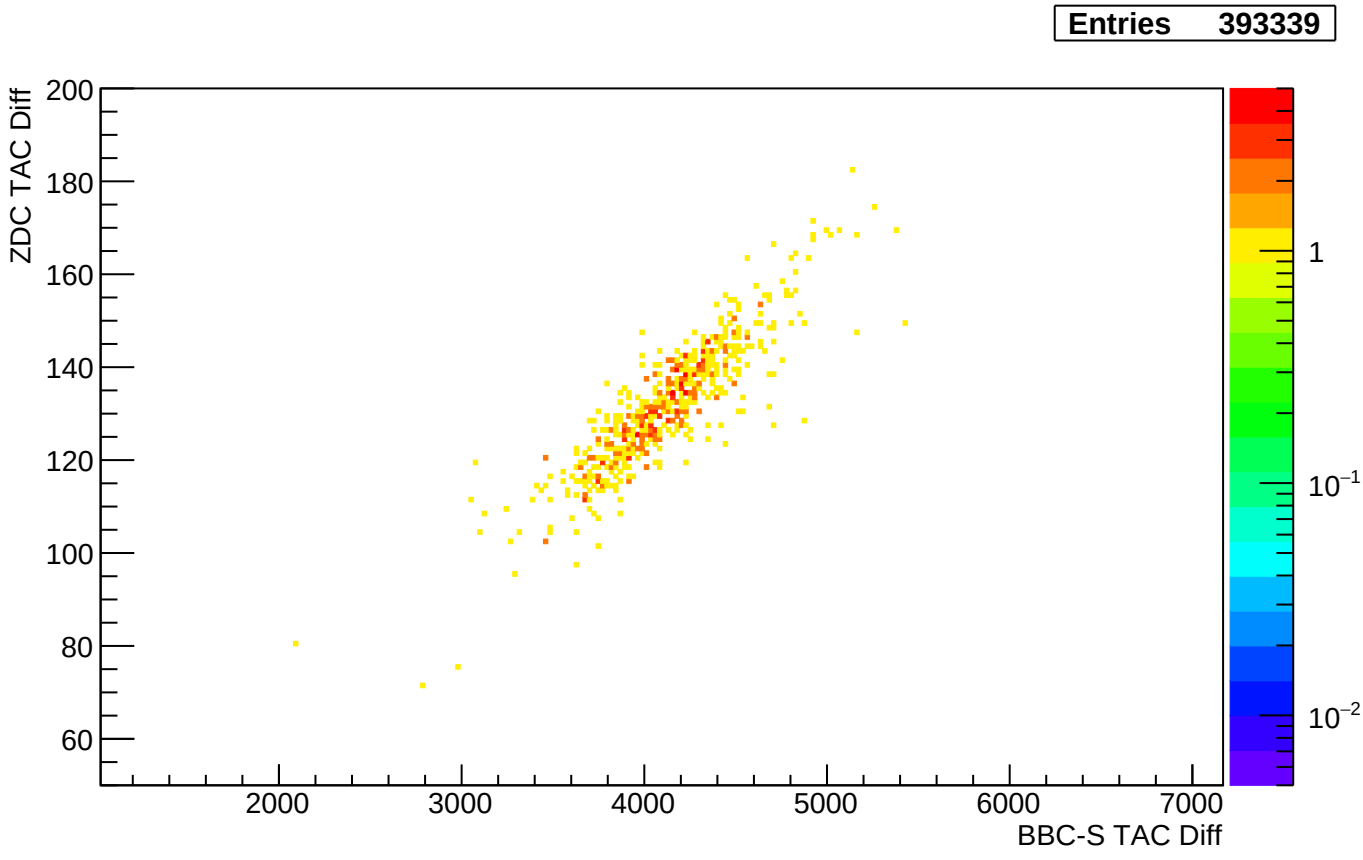

Entries 393339
TOF-Mult
EPD-West Hit Cnt

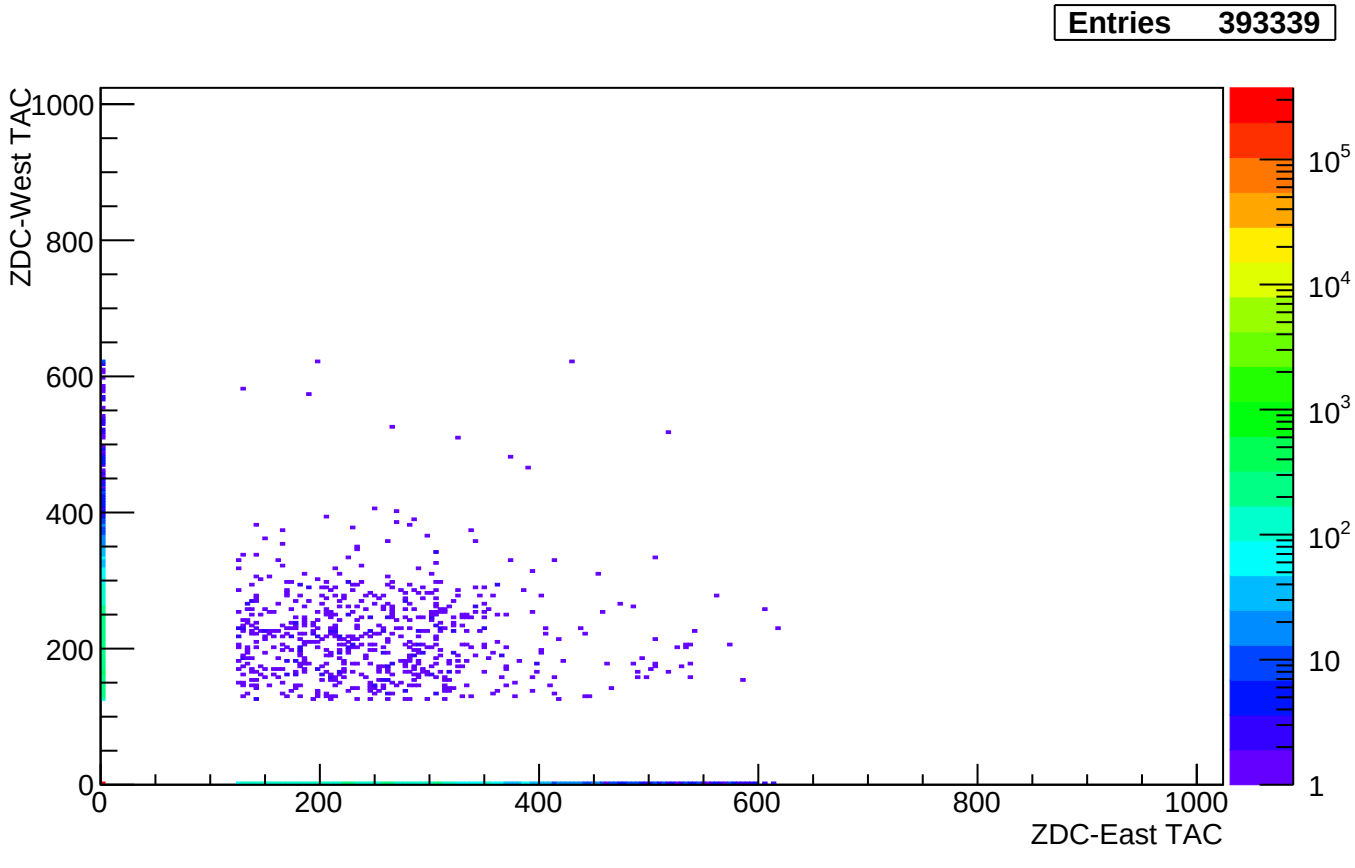

Entries 393339
TOF-Mult
VPD-East ADC Sum

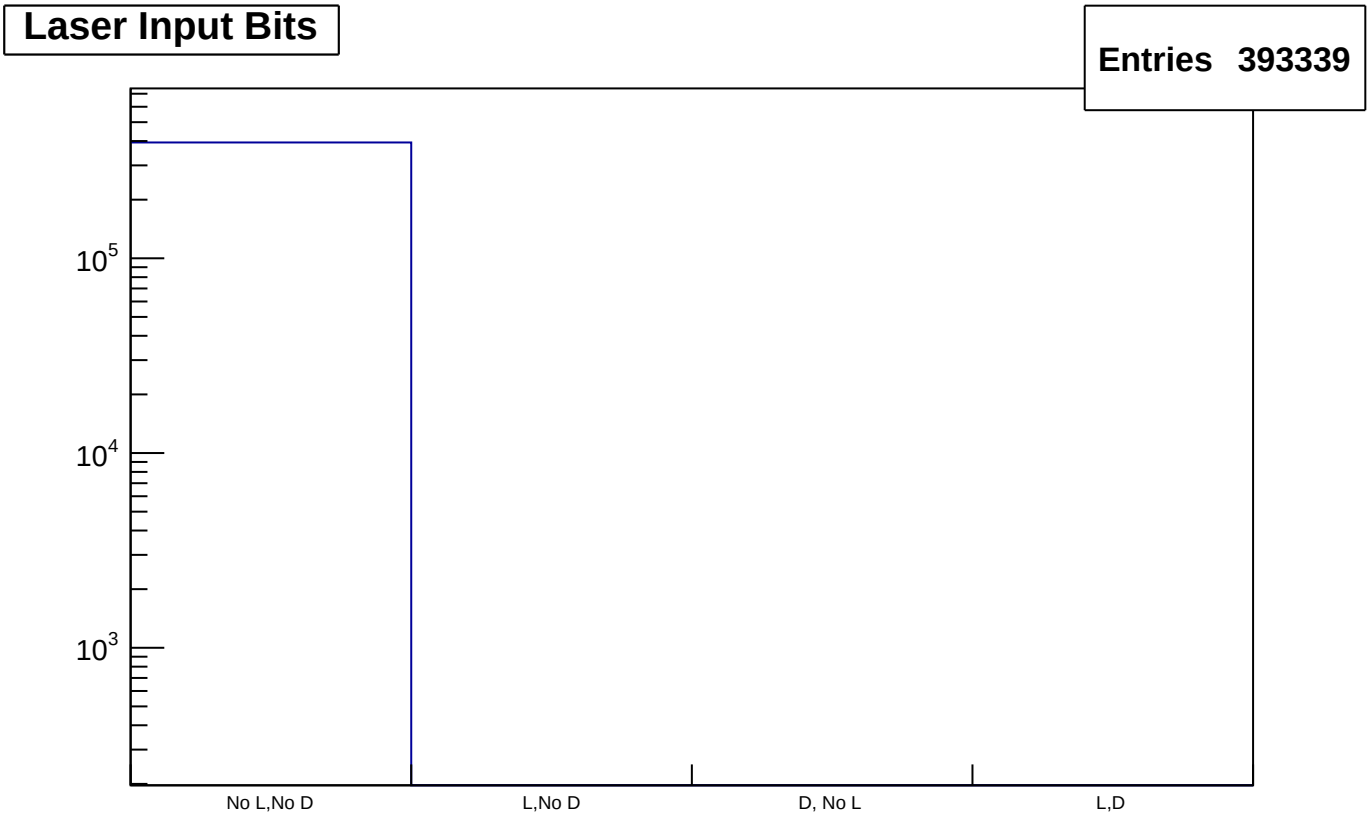

Entries 393339
TOF-Mult
VPD-West ADC Sum

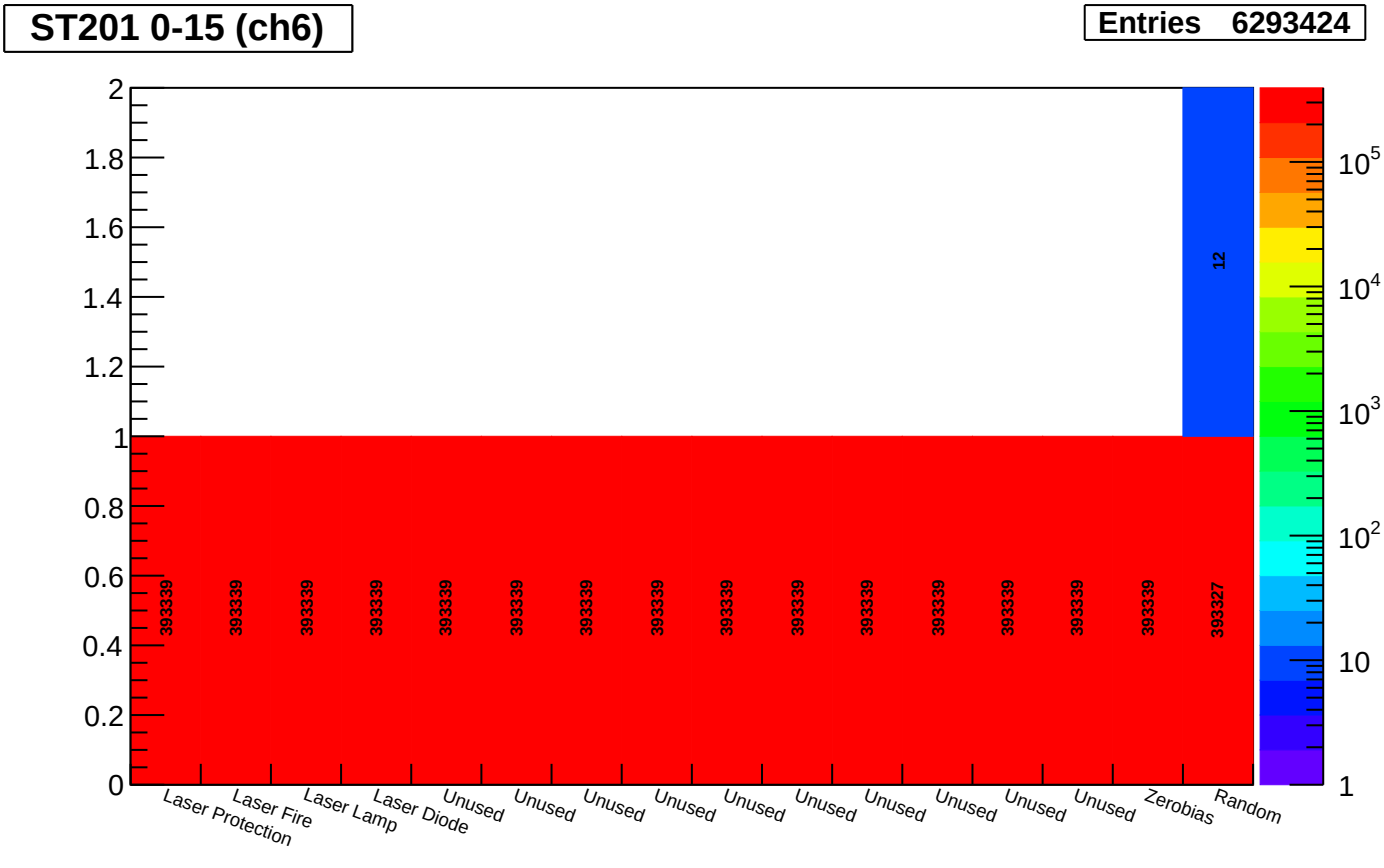

Entries 393339
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

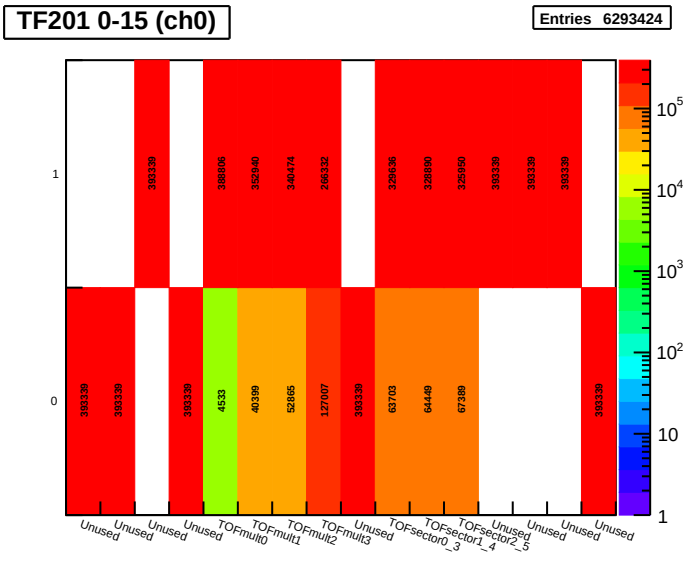

Entries 393339
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

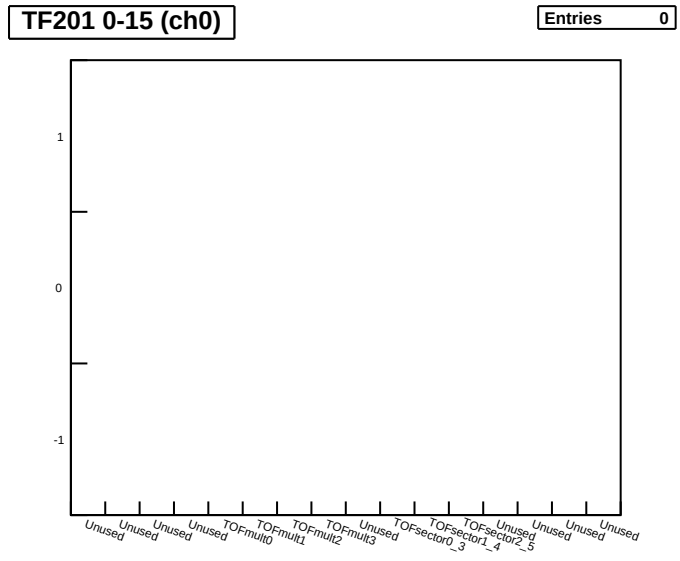

Entries 393339
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

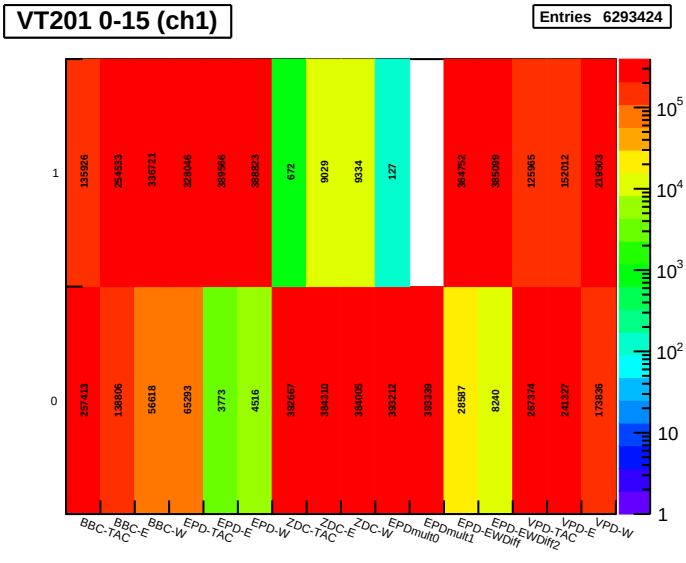

Entries 393339
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

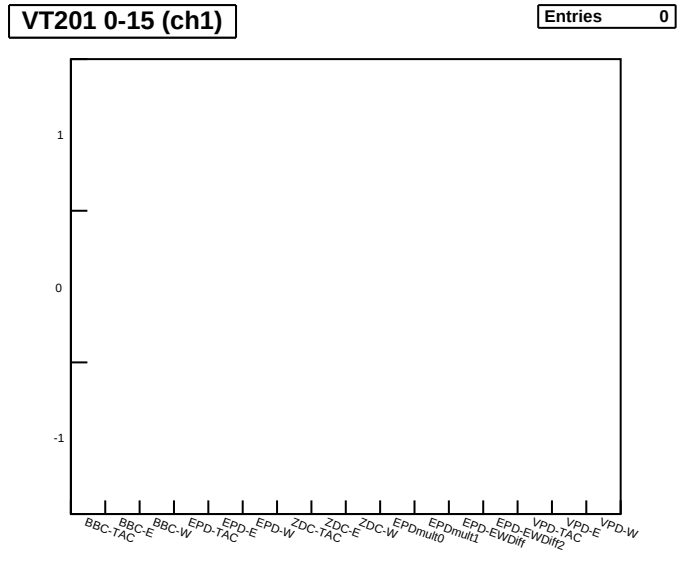

Laser Input Bits
Entries 393339
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

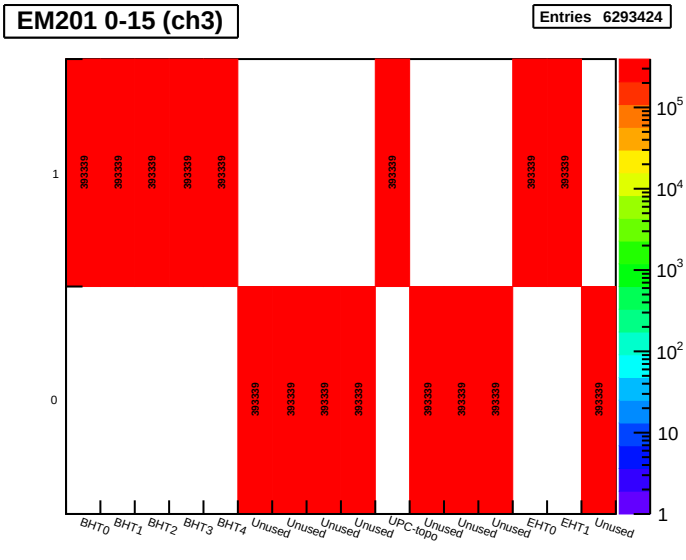

ST201 0-15 (ch6)
Entries 6293424
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
393339
393327
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

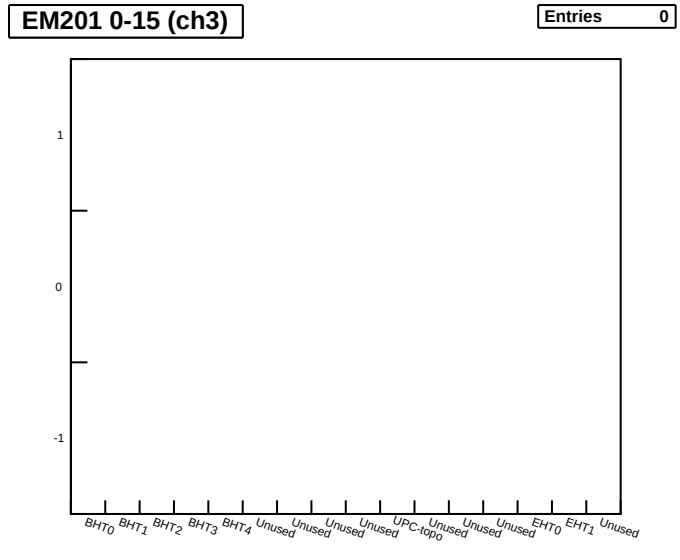

TF201 0-15 (ch0)
Entries 6293424
1
0
393339
388806
352940
340474
266332
329636
328890
325950
393339
393339
393339
393339
393339
4533
40399
52865
127007
393339
63703
64449
67389
393339
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 6293424
1
0
135926
254533
336721
328046
369566
388823
672
9029
9334
127
364752
385099
125965
152012
219503
257413
138806
56618
65293
3773
4516
392667
384310
384005
393212
393339
28587
8240
267374
241327
173836
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 6293424
1
0
393339
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1