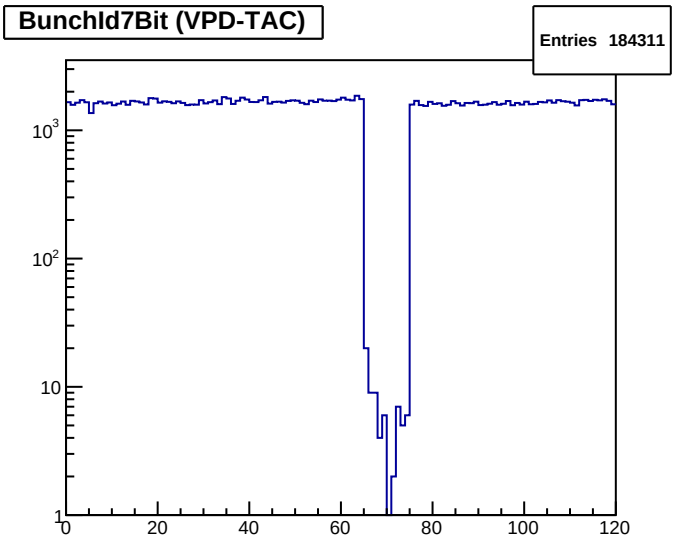
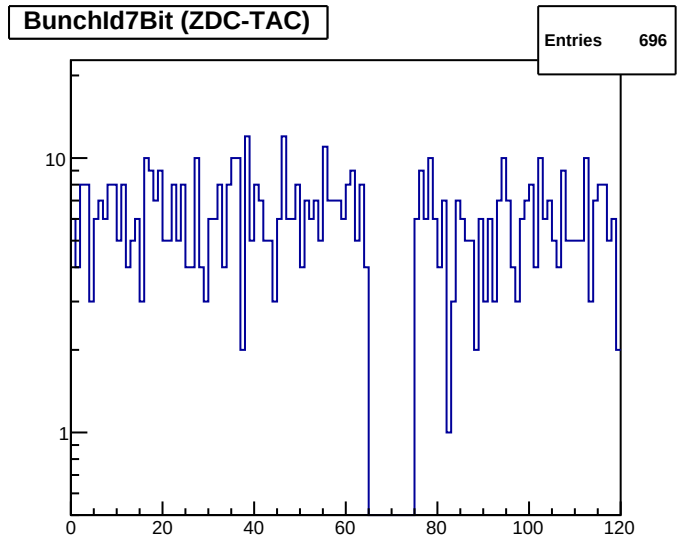
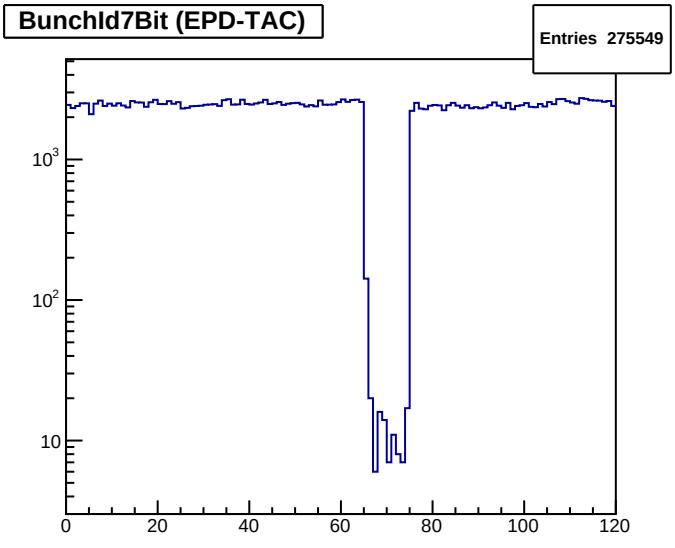
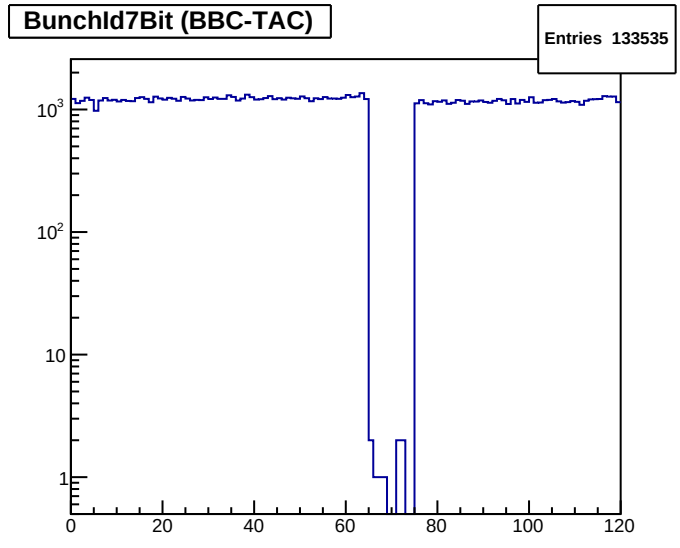
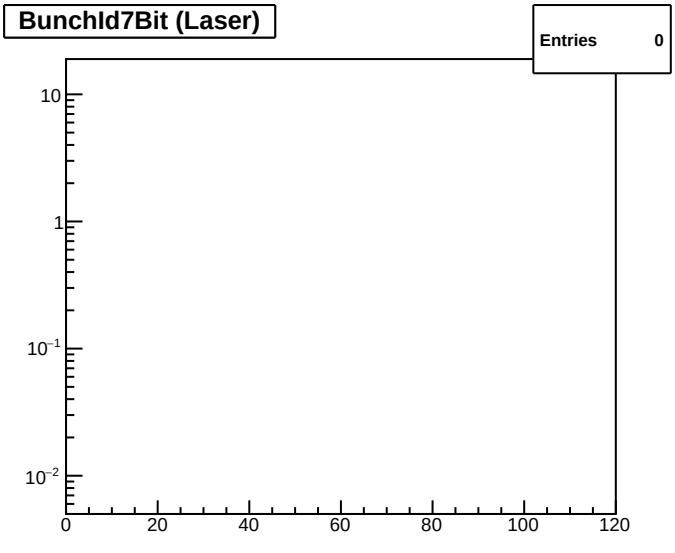
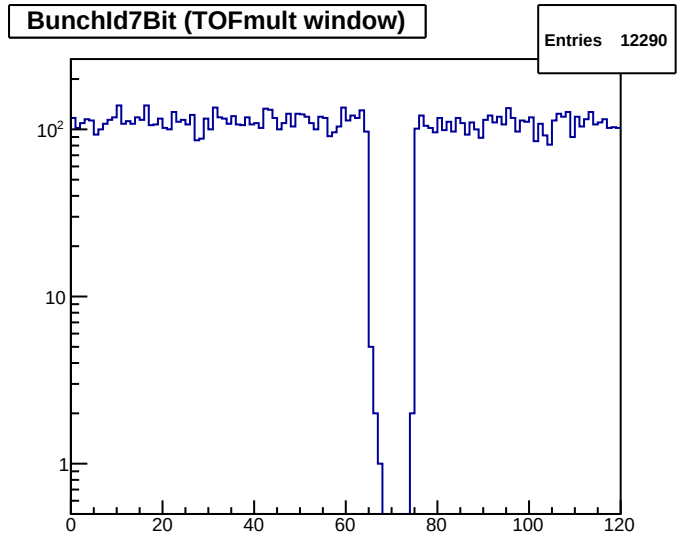

BunchId7Bit (VPD-TAC)
Entries 184311

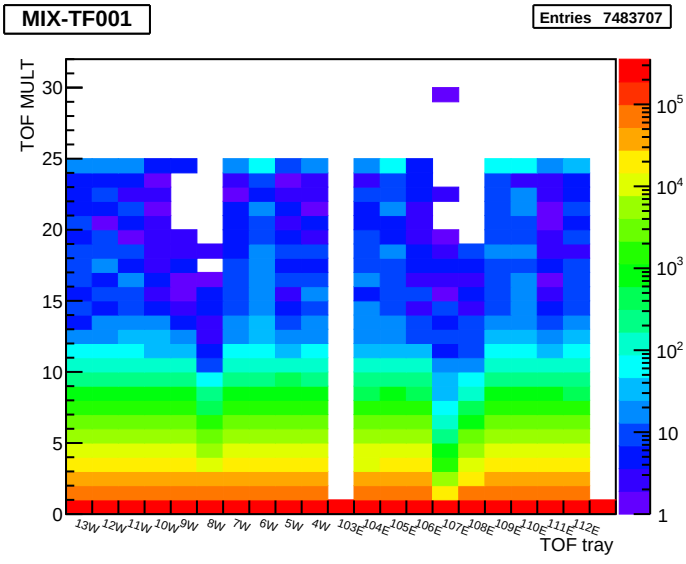

BunchId7Bit (ZDC-TAC)
Entries 696

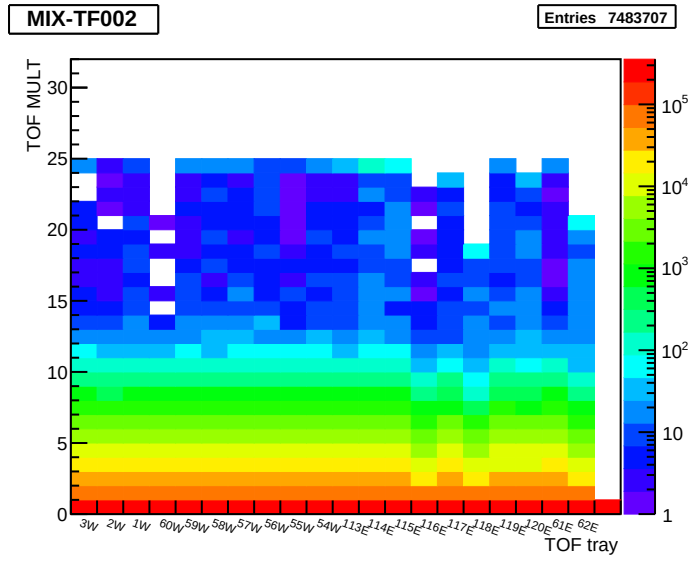

BunchId7Bit (EPD-TAC)
Entries 275549

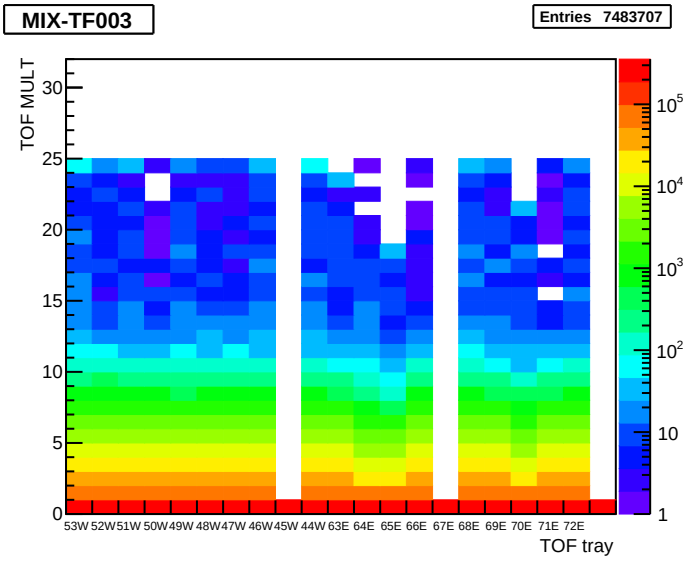

BunchId7Bit (BBC-TAC)
Entries 133535

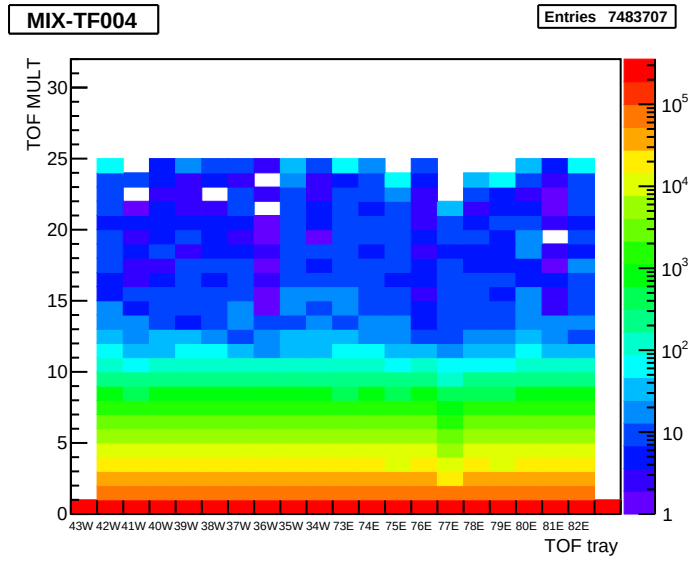

BunchId7Bit (Laser)
Entries 0

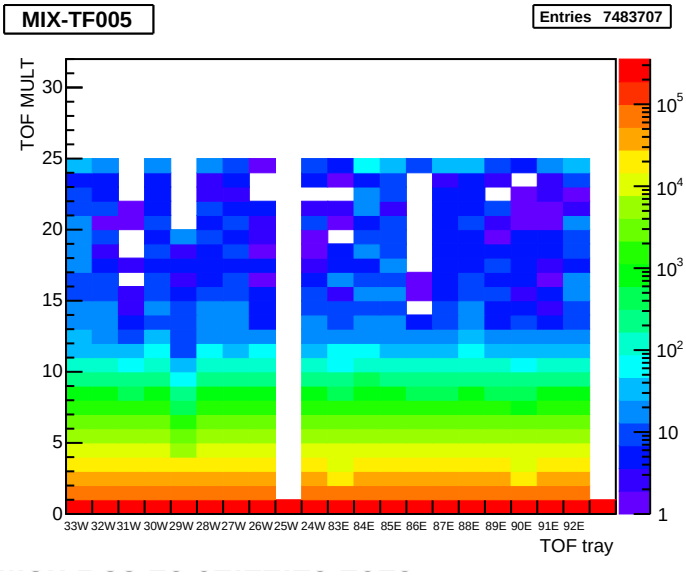

BunchId7Bit (TOFmult window)
Entries 12290

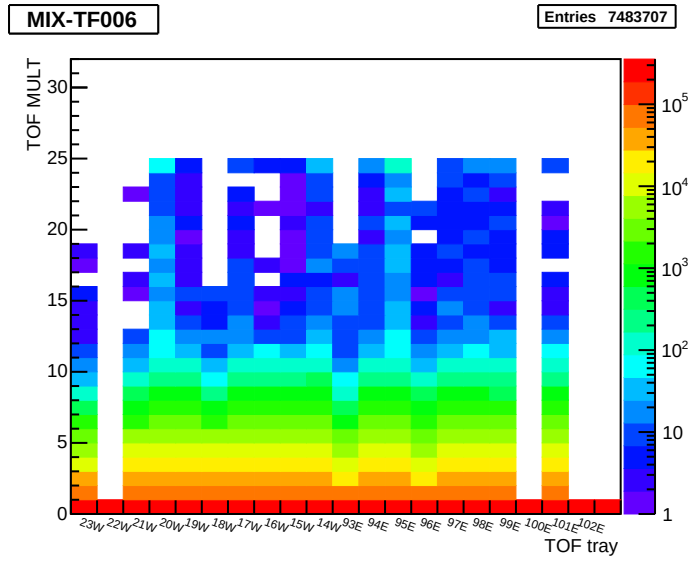

MIX-TF001
Entries 7483707
TOF MULT
TOF tray

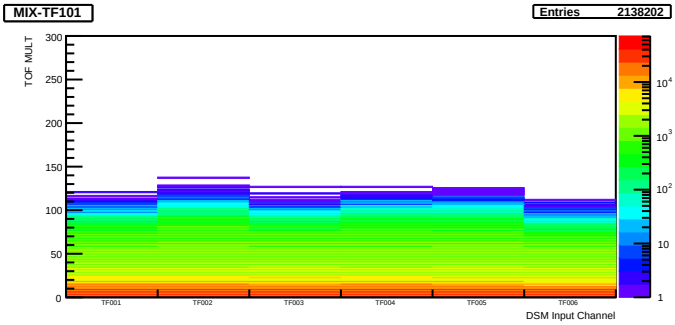

MIX-TF002
Entries 7483707
TOF MULT
TOF tray

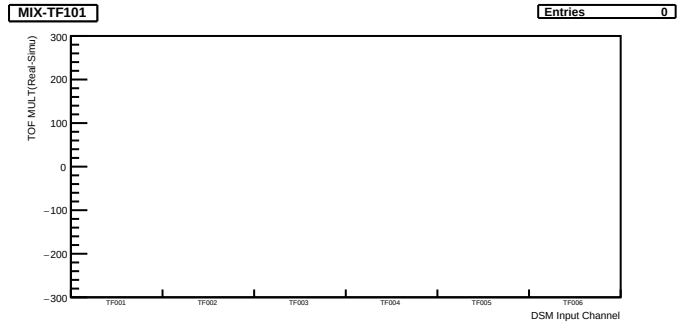

MIX-TF003
Entries 7483707
TOF MULT
TOF tray

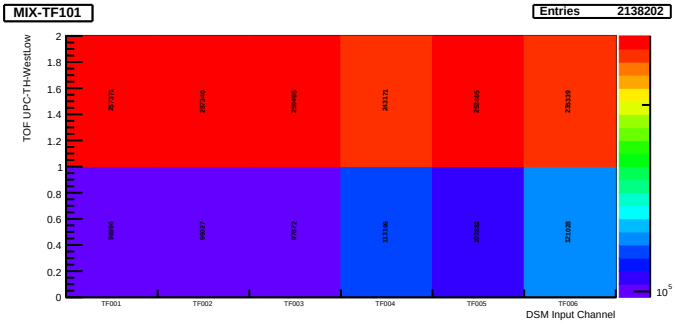

MIX-TF004
Entries 7483707
TOF MULT
TOF tray

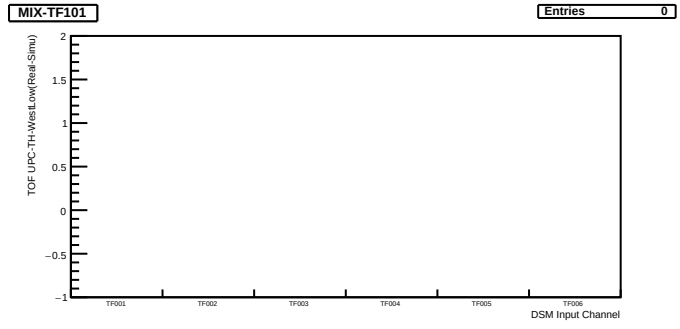

MIX-TF005
Entries 7483707
TOF MULT
TOF tray

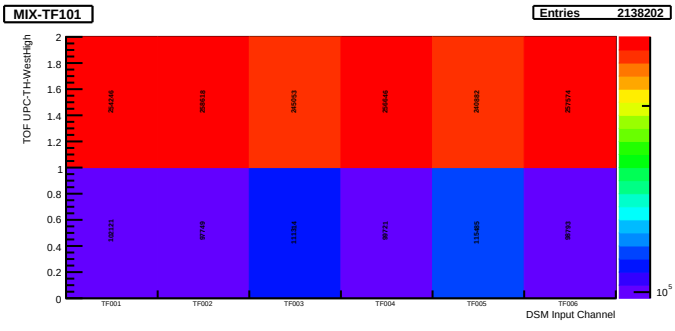

MIX-TF006
Entries 7483707
TOF MULT
TOF tray

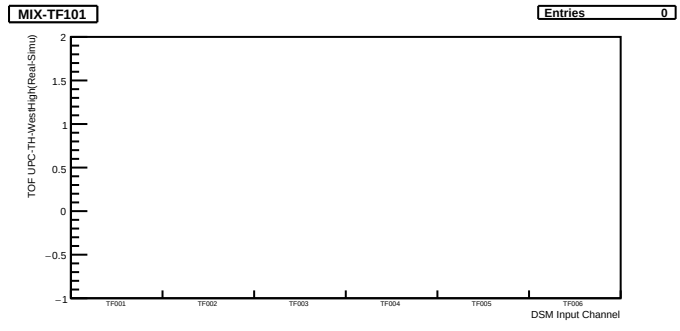

MIX-TF101
Entries 2138202
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

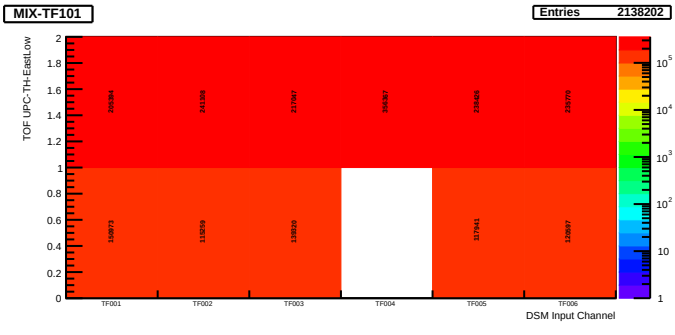

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

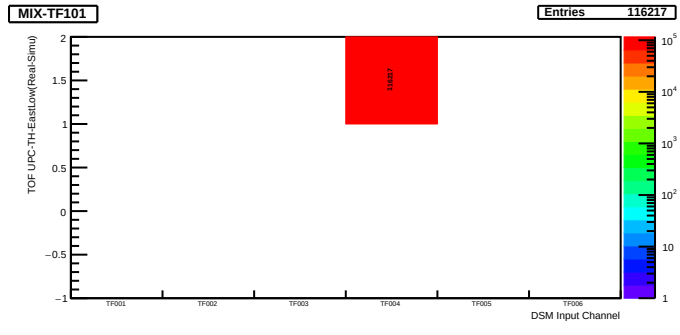

MIX-TF101
Entries 2138202
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

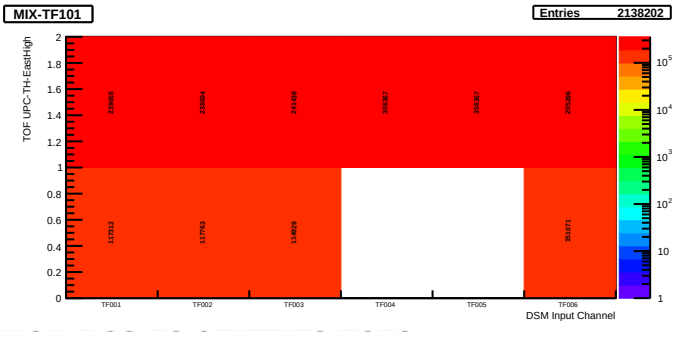

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

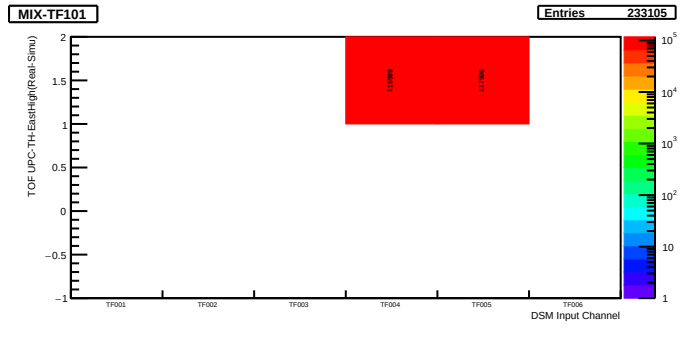

MIX-TF101
Entries 2138202
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

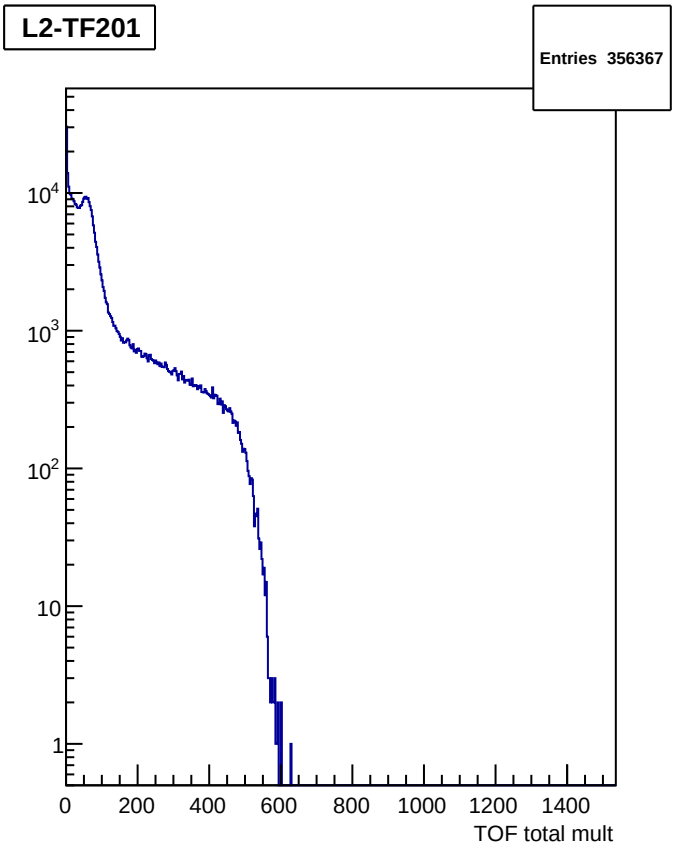

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

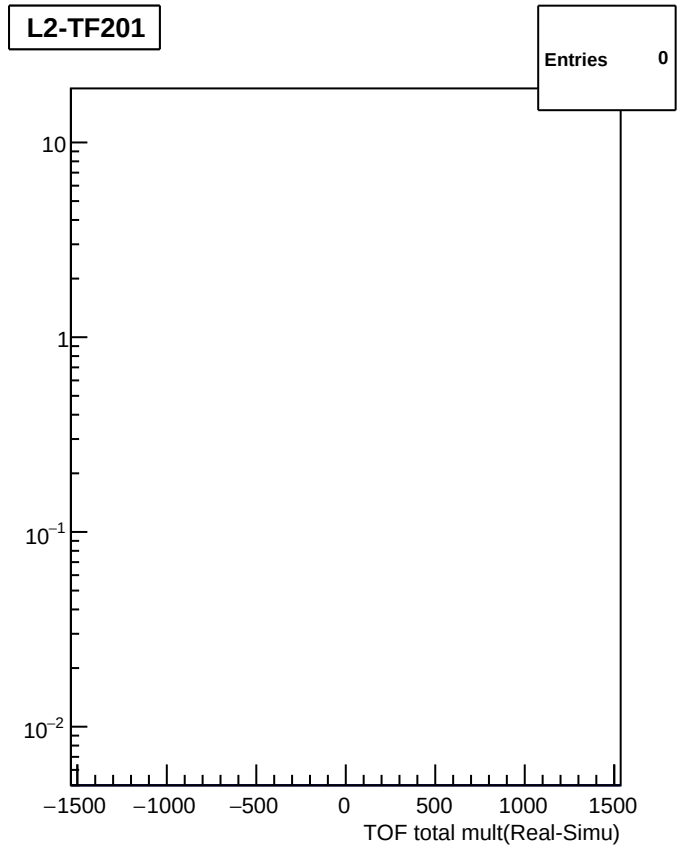

MIX-TF101
Entries 2138202
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

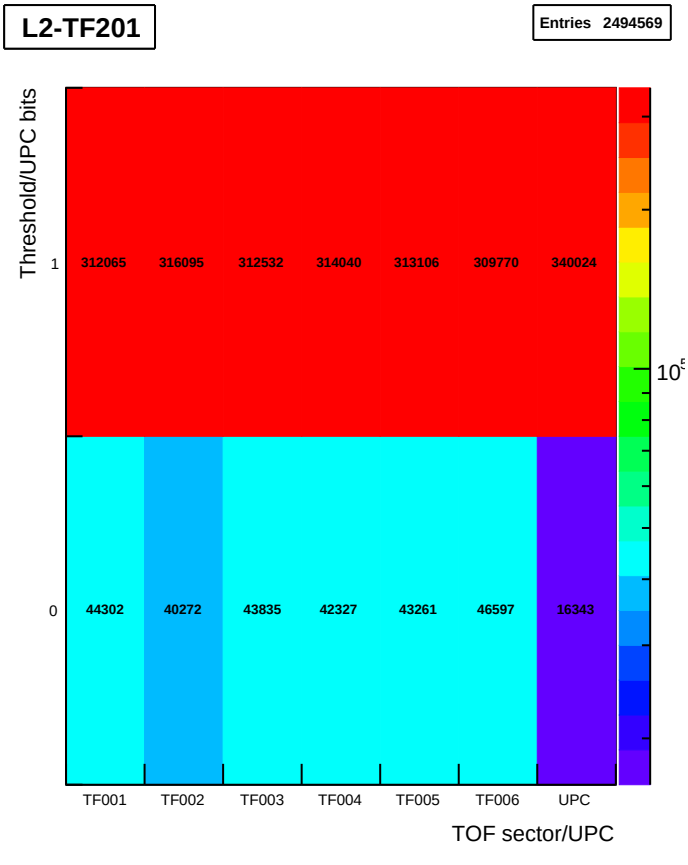

MIX-TF101
Entries 116217
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

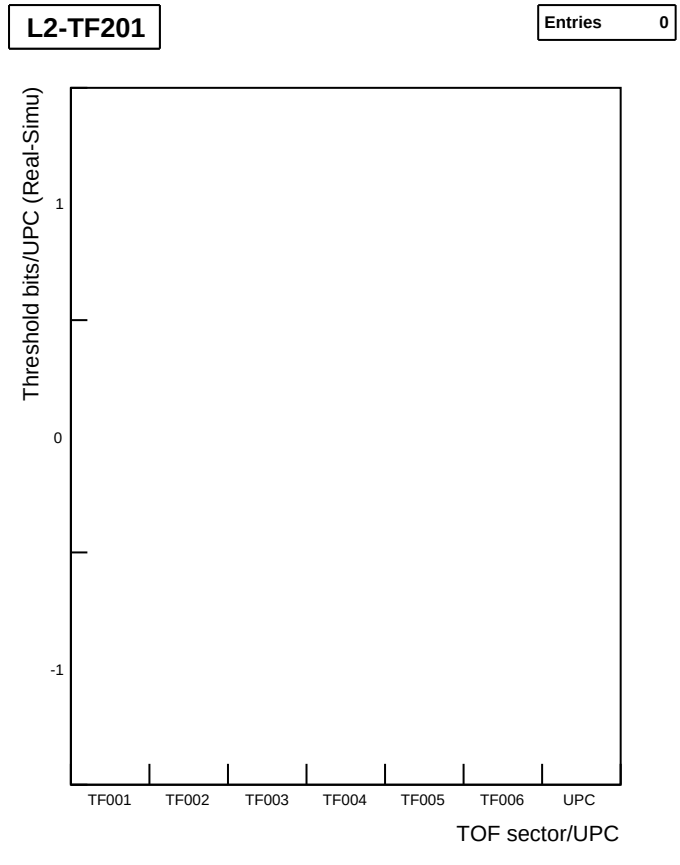

MIX-TF101
Entries 2138202
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

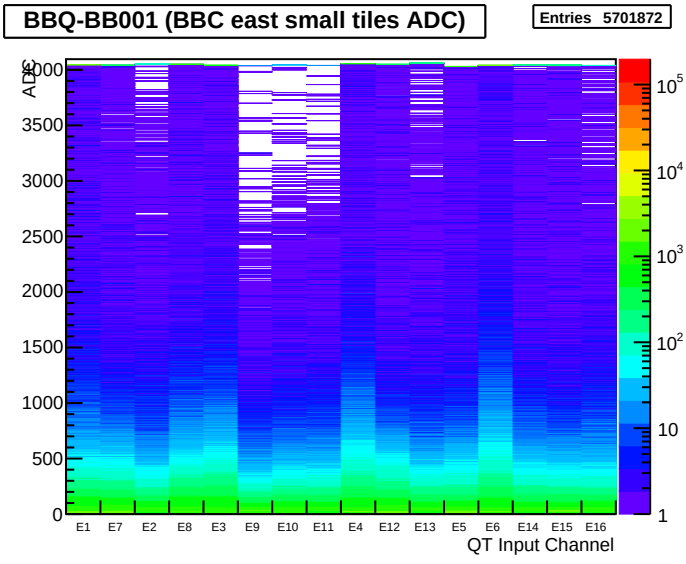

MIX-TF101
Entries 233105
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

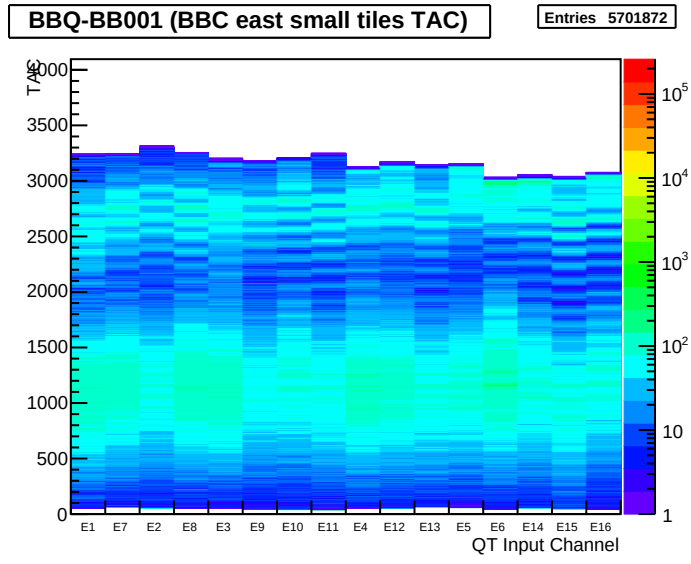

L2-TF201
Entries 356367
TOF total mult

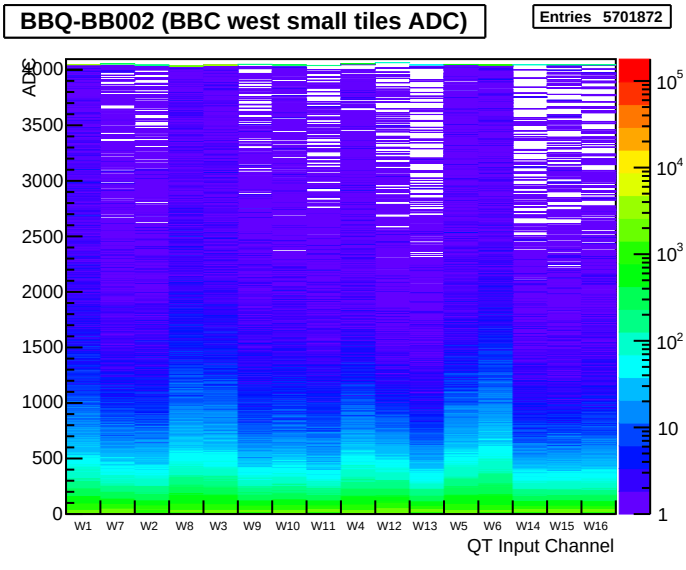

L2-TF201
Entries 0
TOF total mult(Real-Simu)

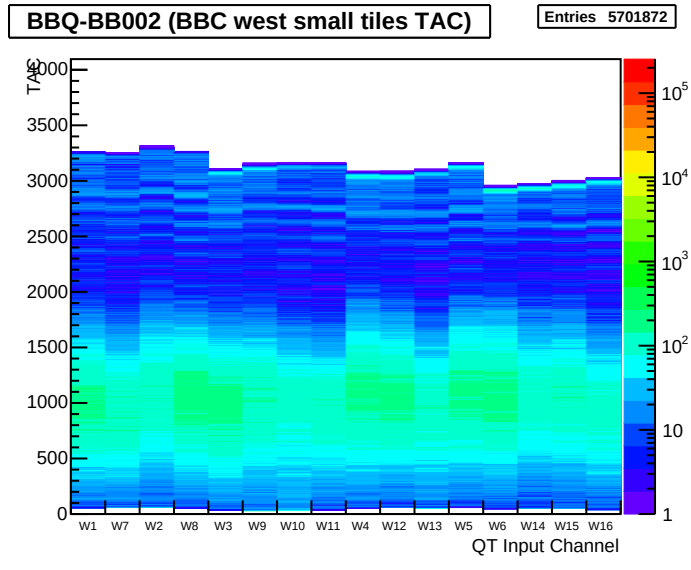

L2-TF201
Entries 2494569
Threshold/UPC bits
312065
316095
312532
314040
313106
309770
340024
44302
40272
43835
42327
43261
46597
16343
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

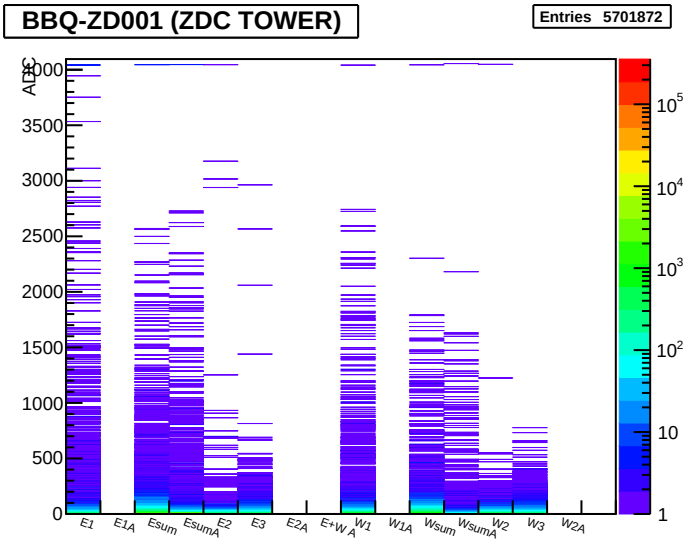

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

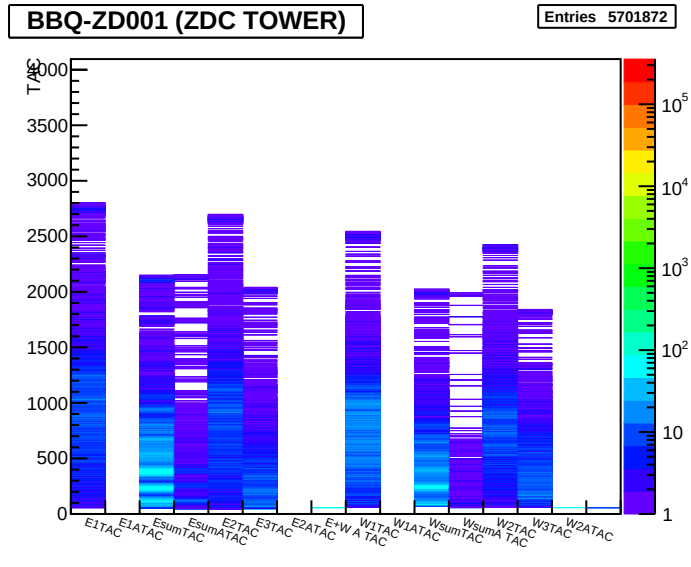

BBQ-BB001 (BBC east small tiles ADC)
Entries 5701872
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

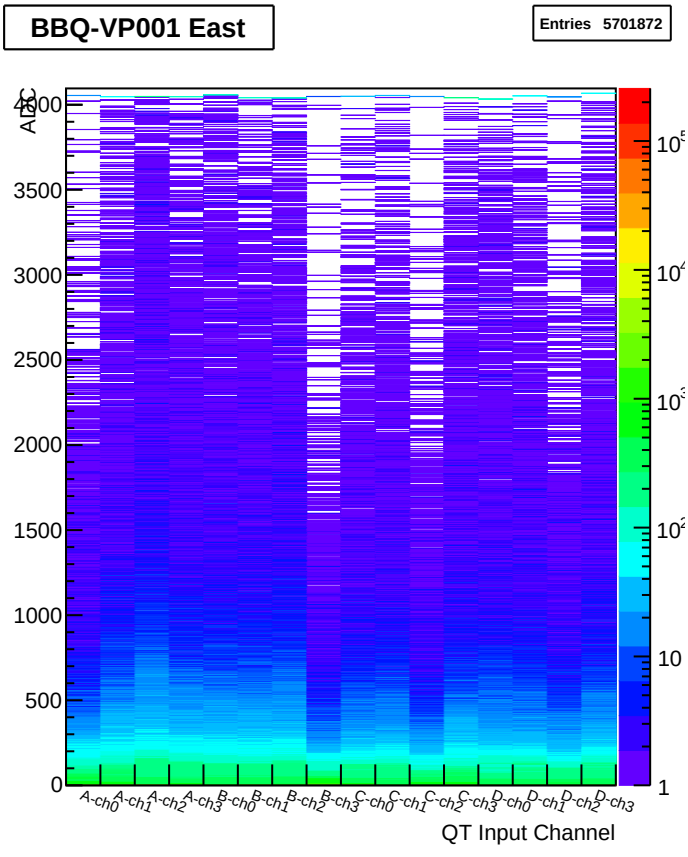

BBQ-BB001 (BBC east small tiles TAC)
Entries 5701872
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

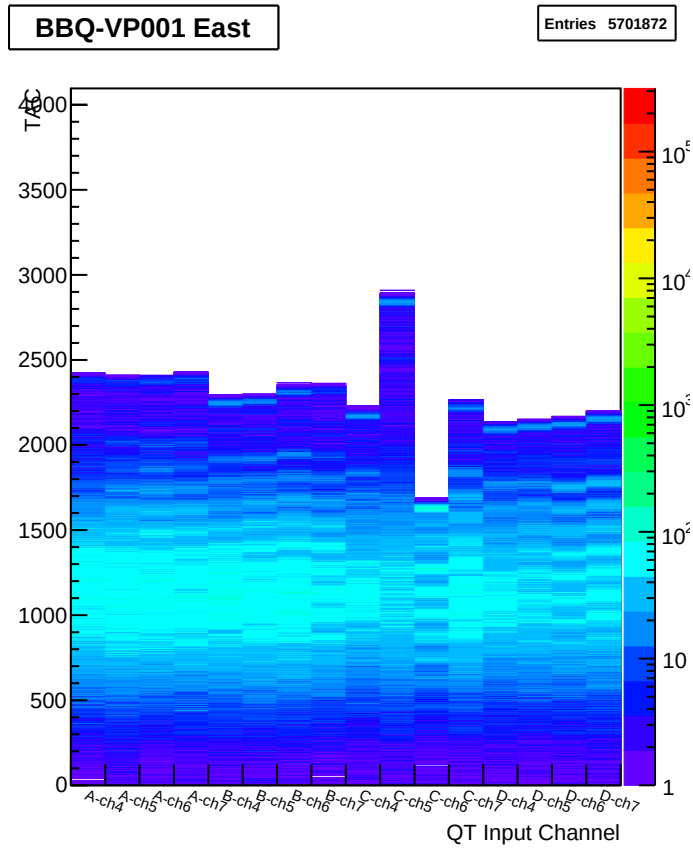

BBQ-BB002 (BBC west small tiles ADC)
Entries 5701872
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

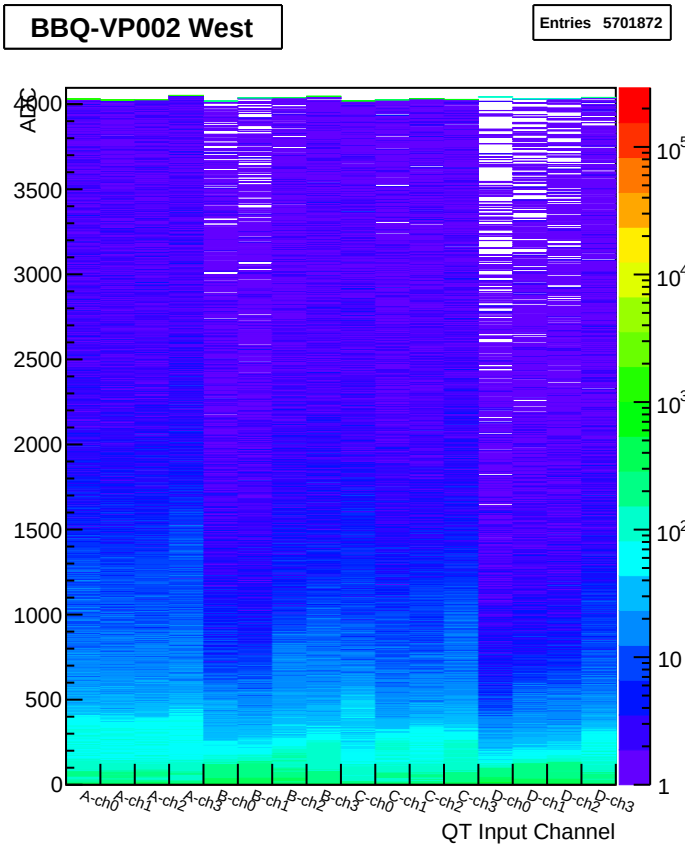

BBQ-BB002 (BBC west small tiles TAC)
Entries 5701872
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

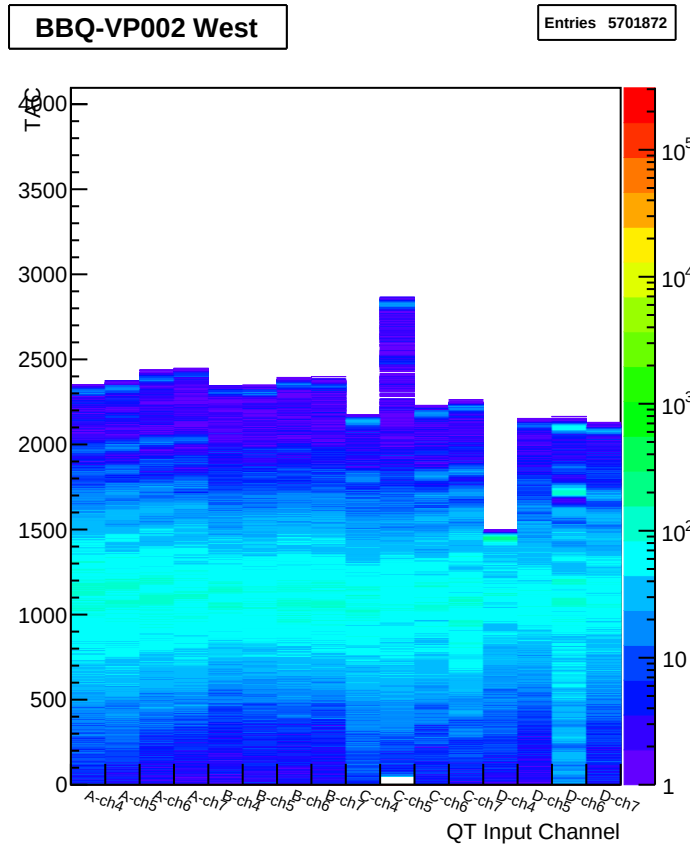

BBQ-ZD001 (ZDC TOWER)
Entries 5701872
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

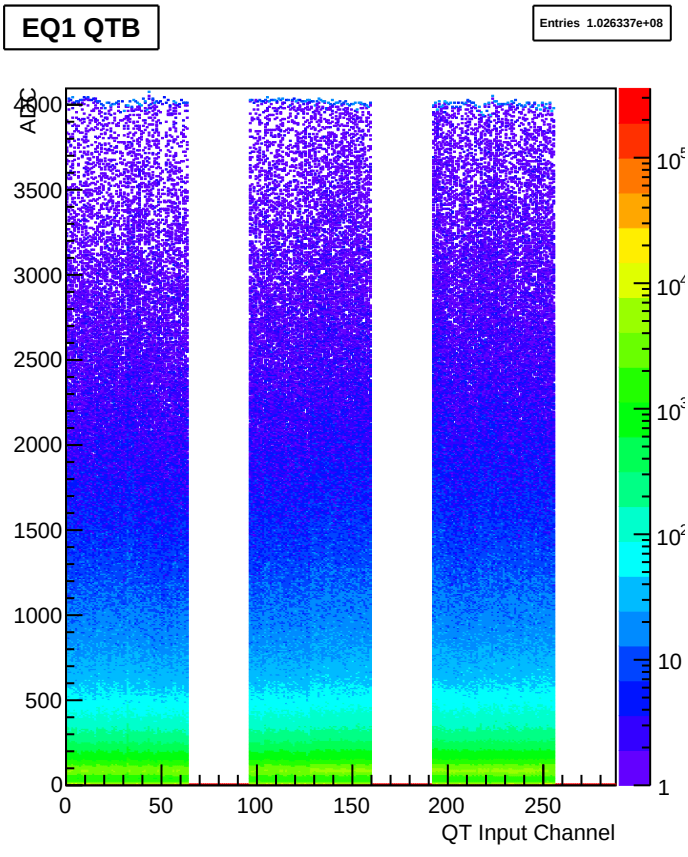

BBQ-ZD001 (ZDC TOWER)
Entries 5701872
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

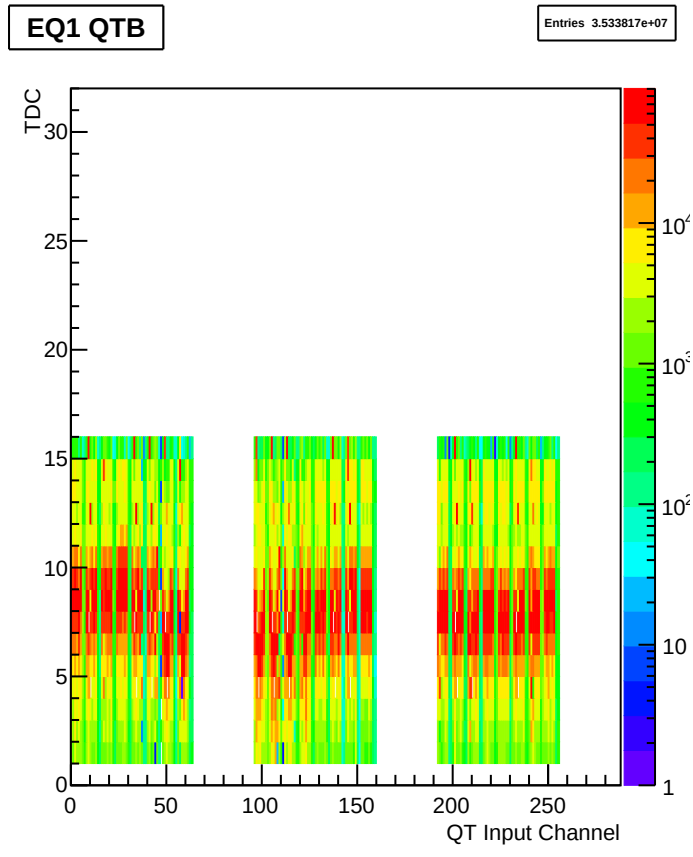

BBQ-VP001 East
Entries 5701872
ADC
QT Input Channel

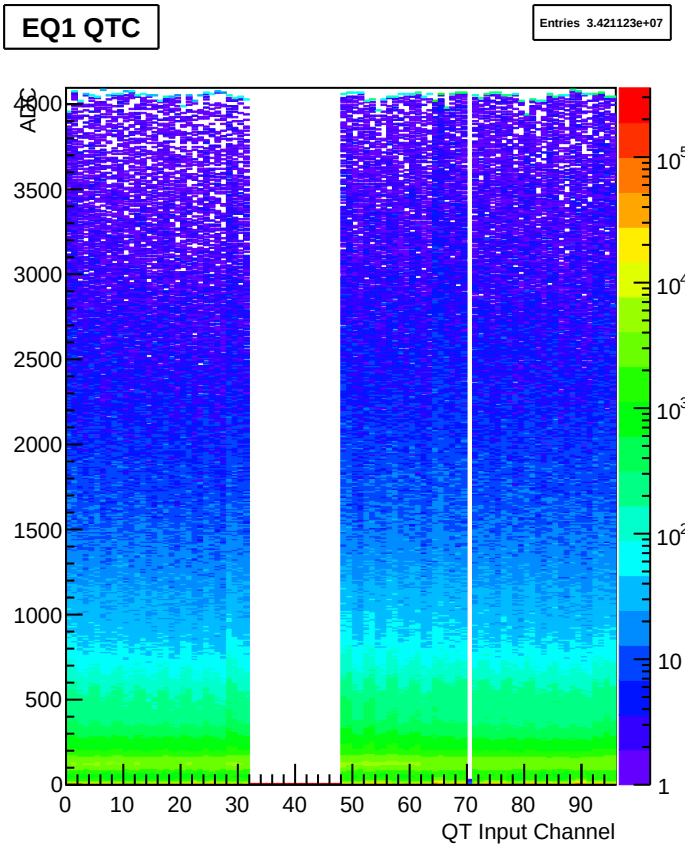

BBQ-VP001 East
Entries 5701872
TADC
QT Input Channel

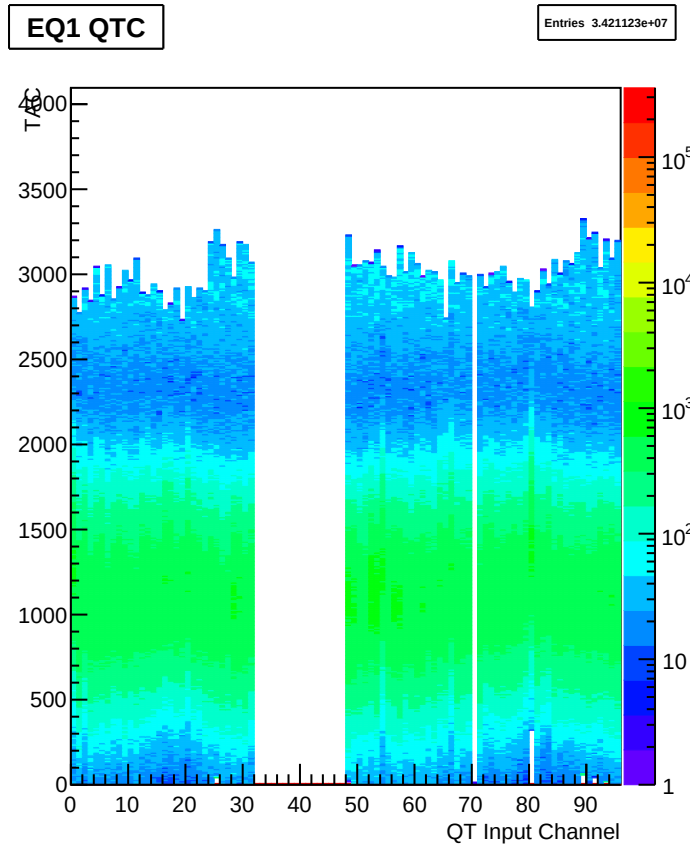

BBQ-VP002 West
Entries 5701872
ADC
QT Input Channel

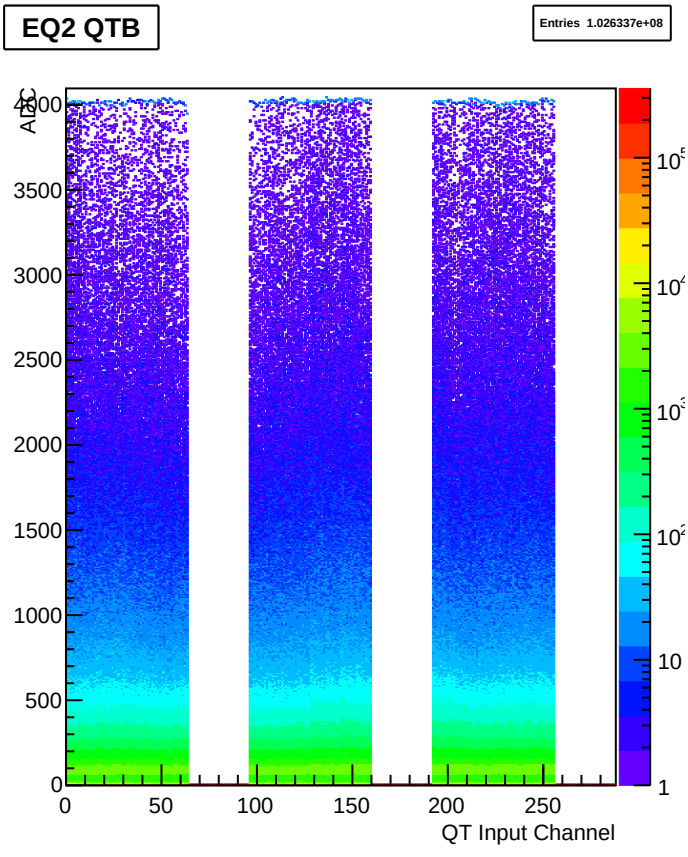

BBQ-VP002 West
Entries 5701872
TADC
QT Input Channel

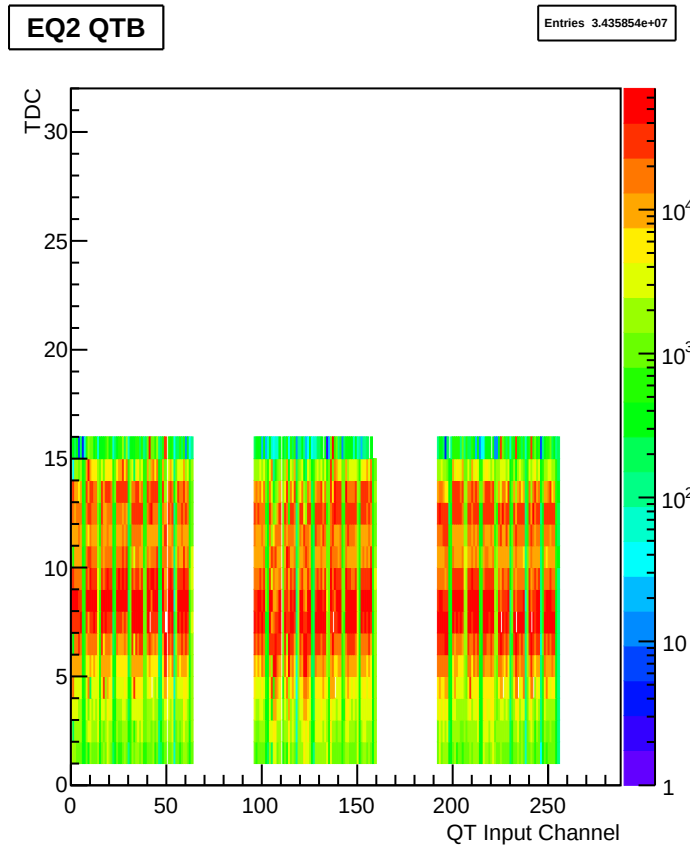

EQ1 QTB
Entries 1.026337e+08
ADC
QT Input Channel

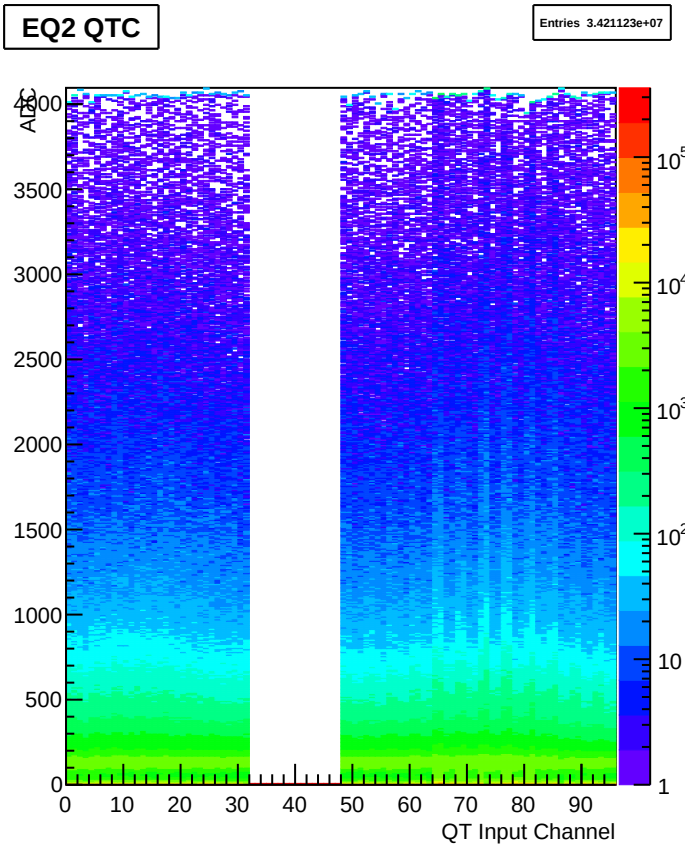

EQ1 QTB
Entries 3.533817e+07
TDC
QT Input Channel

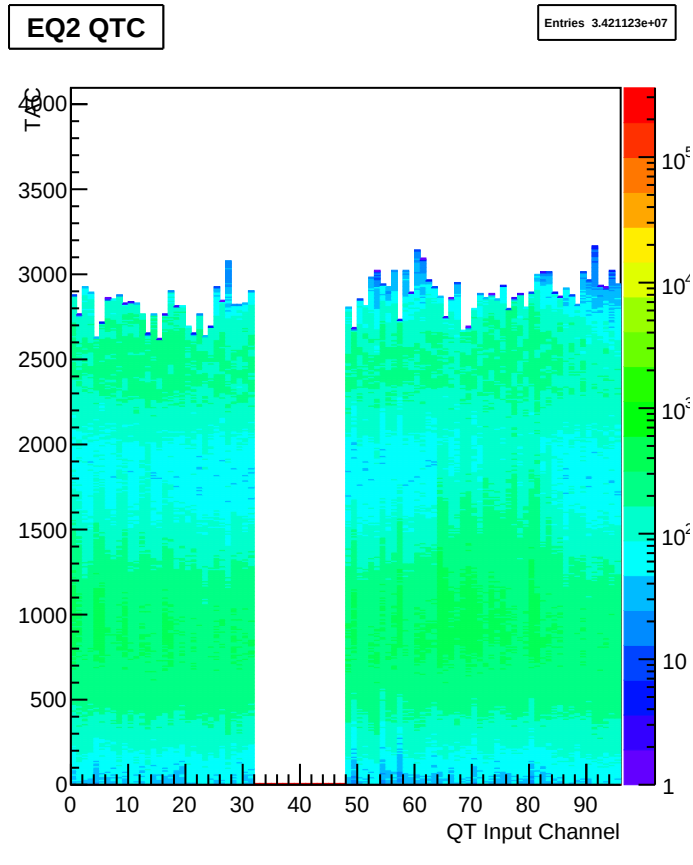

EQ1 QTC
Entries 3.421123e+07
ADC
QT Input Channel

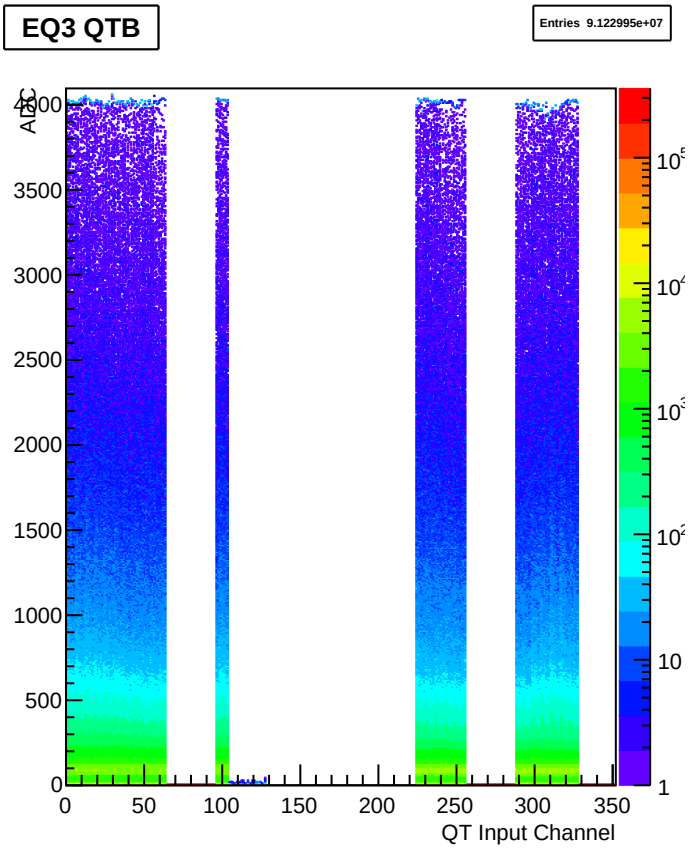

EQ1 QTC
Entries 3.421123e+07
TADC
QT Input Channel

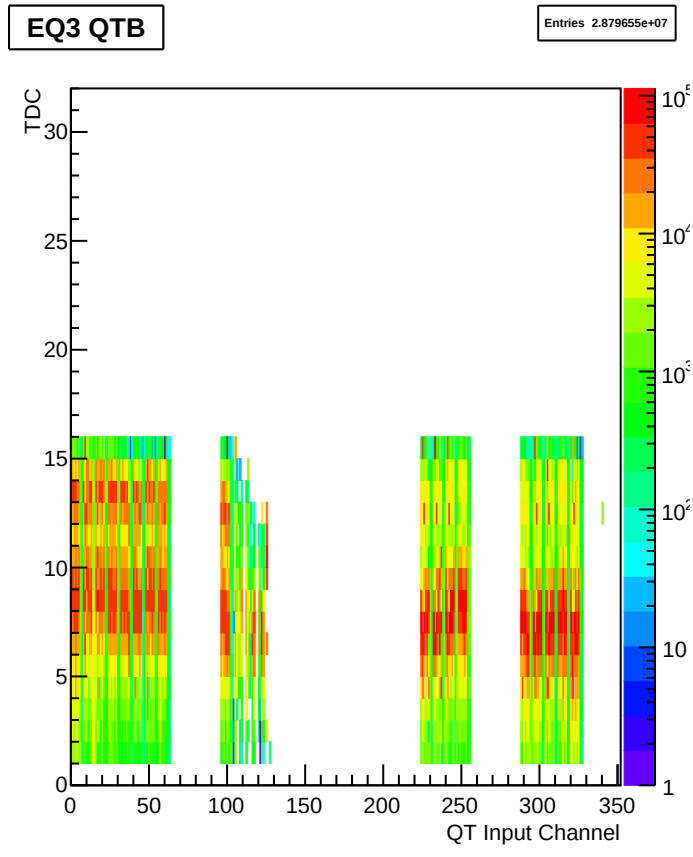

EQ2 QTB
Entries 1.026337e+08
ADC
QT Input Channel

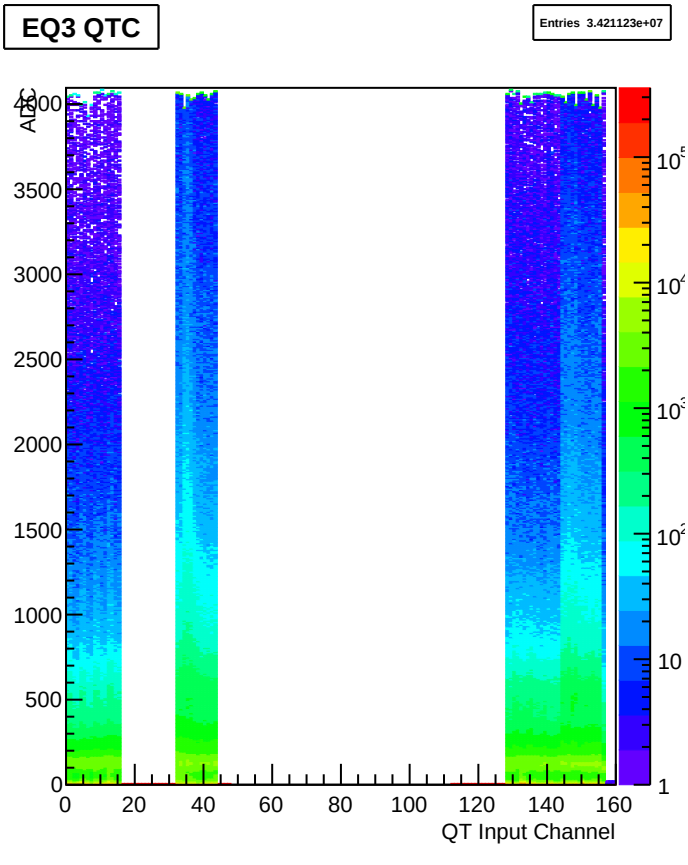

EQ2 QTB
Entries 3.435854e+07
TDC
QT Input Channel

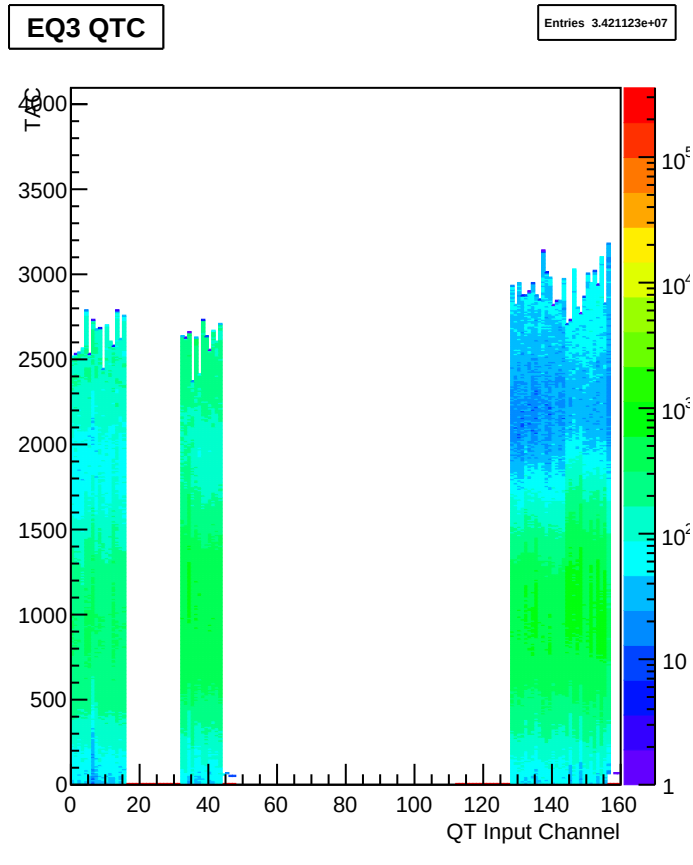

EQ2 QTC
Entries 3.421123e+07
ADC
QT Input Channel

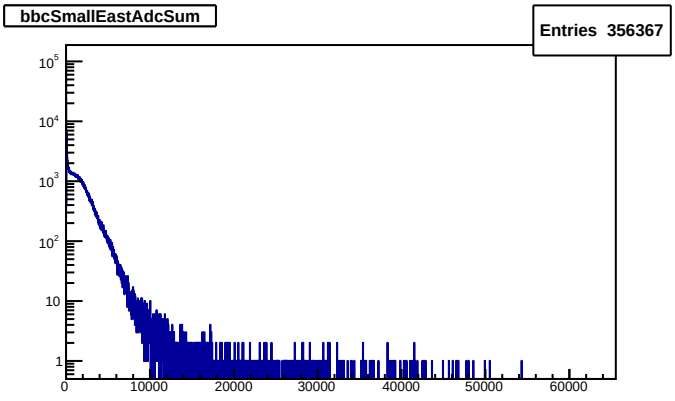

EQ2 QTC
Entries 3.421123e+07
TADC
QT Input Channel

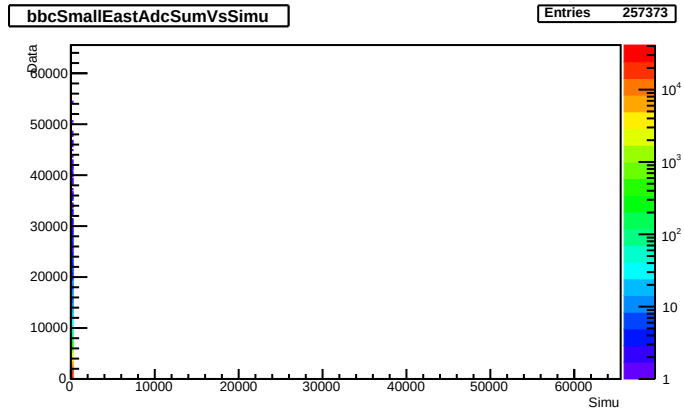

EQ3 QTB
Entries 9.122995e+07
ADC
QT Input Channel

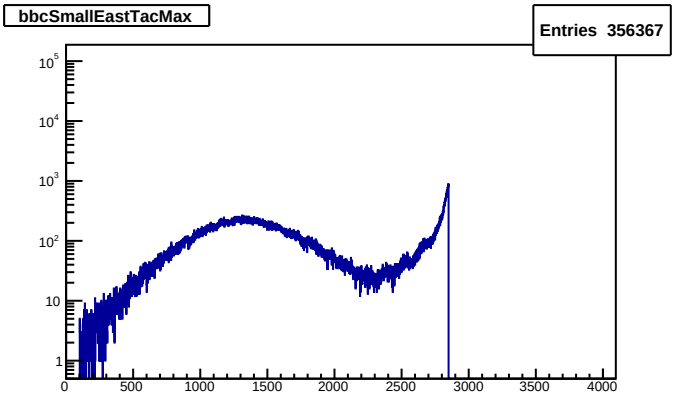

EQ3 QTB
Entries 2.879655e+07
TDC
QT Input Channel

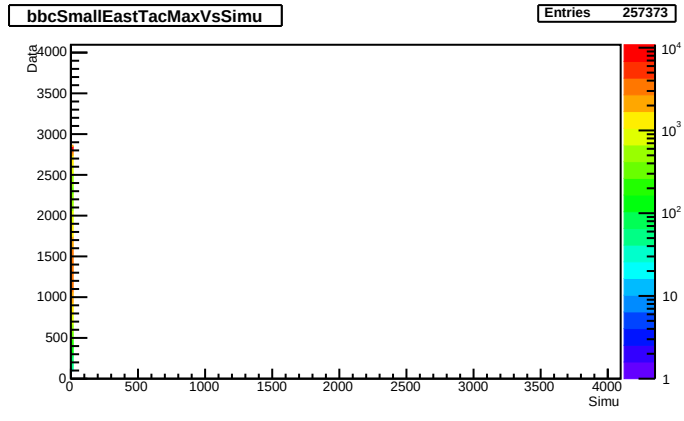

EQ3 QTC
Entries 3.421123e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.421123e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 356367


bbcSmallEastAdcSumVsSimu
Entries 257373
Data
Simu


bbcSmallEastTacMax
Entries 356367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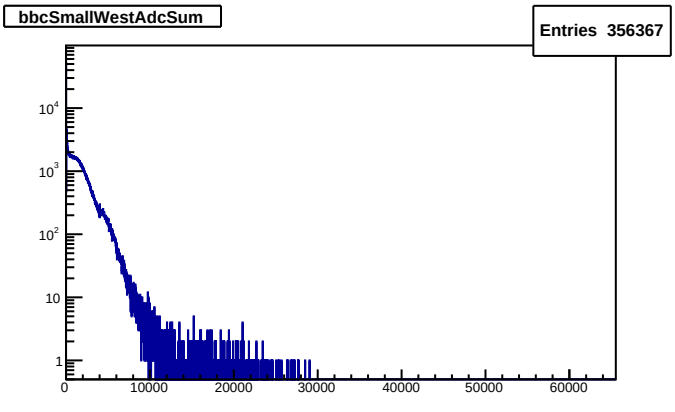
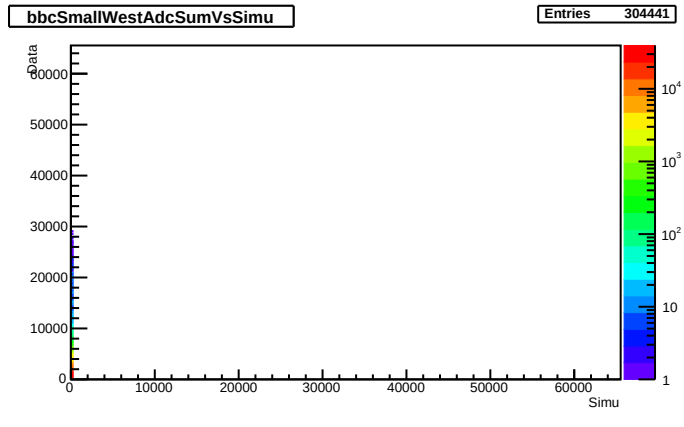
Entries 257373
Data
Simu


bbcSmallWestAdcSum
Entries 356367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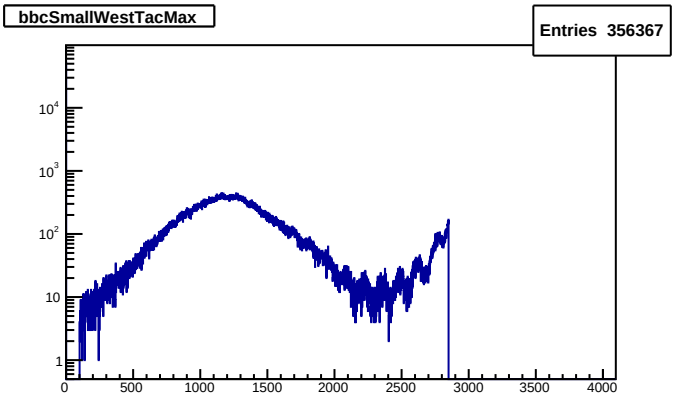
Entries 304441
Data
Simu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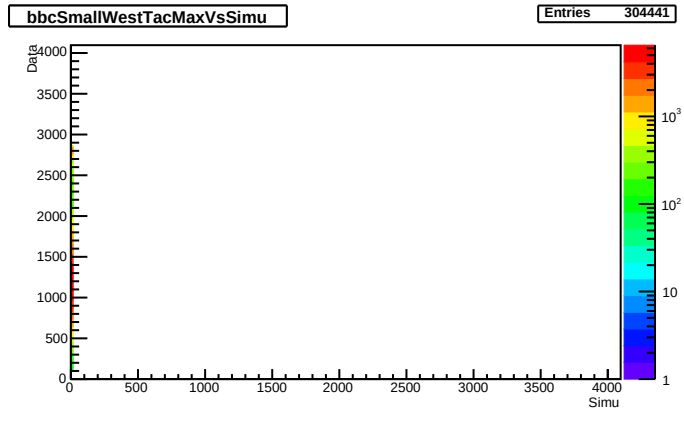
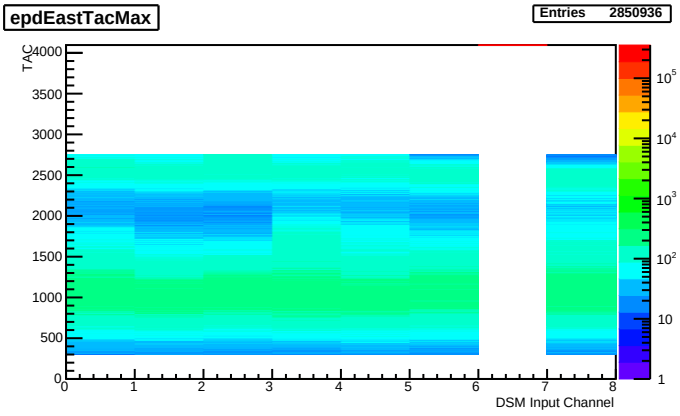
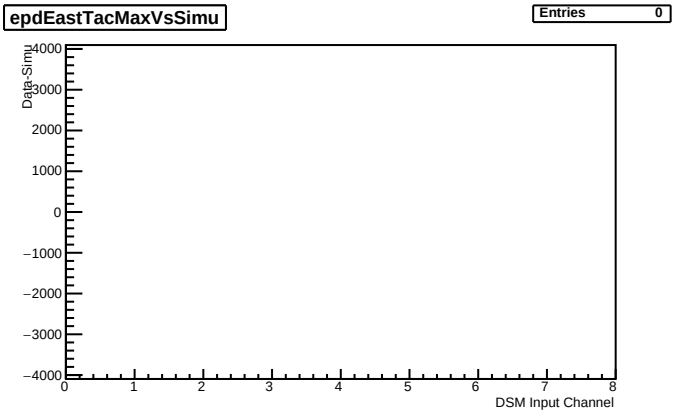
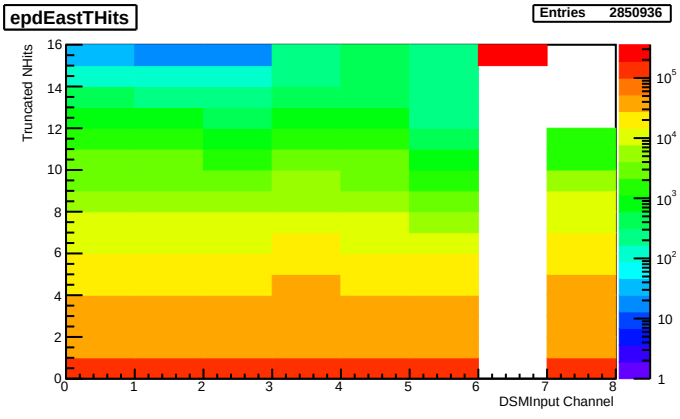
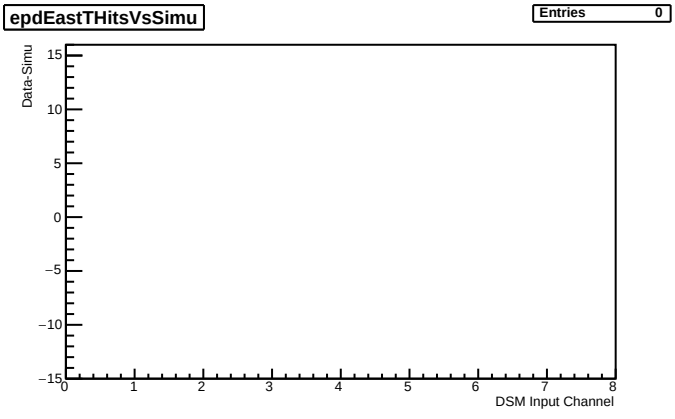
Entries 356367


bbcSmallWestTacMaxVsSimu
Entries 304441
Data
Simu


epdEastTacMax
Entries 2850936
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2850936
Truncated NHits
DSMInput Channel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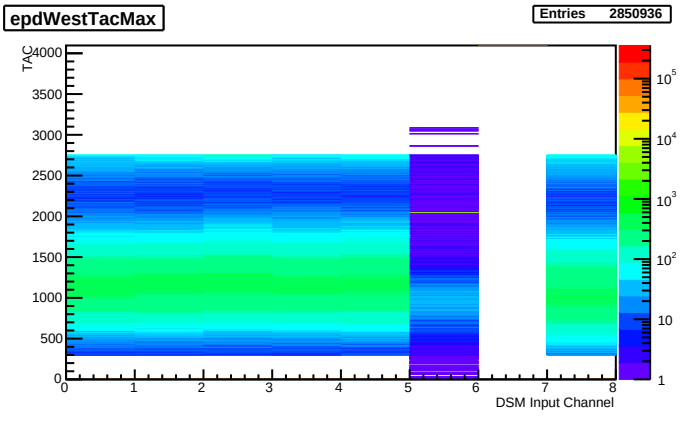
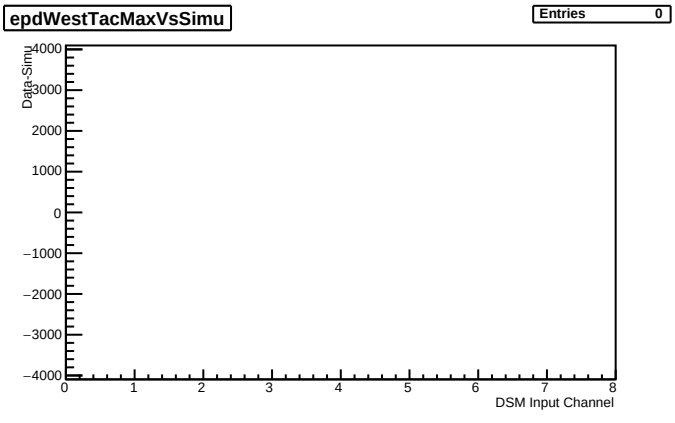
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2850936
TAC
DSM Input Channel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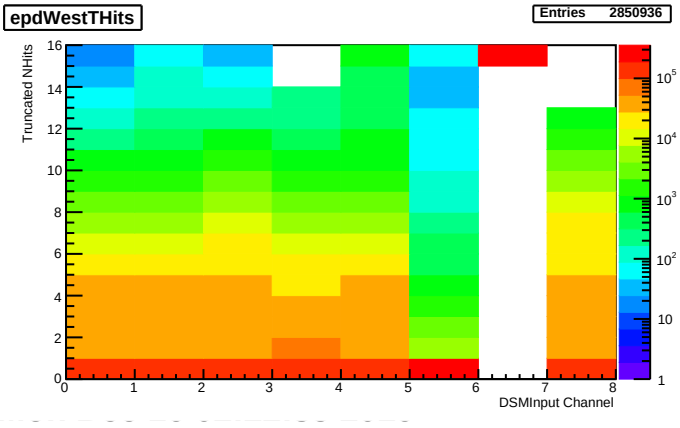
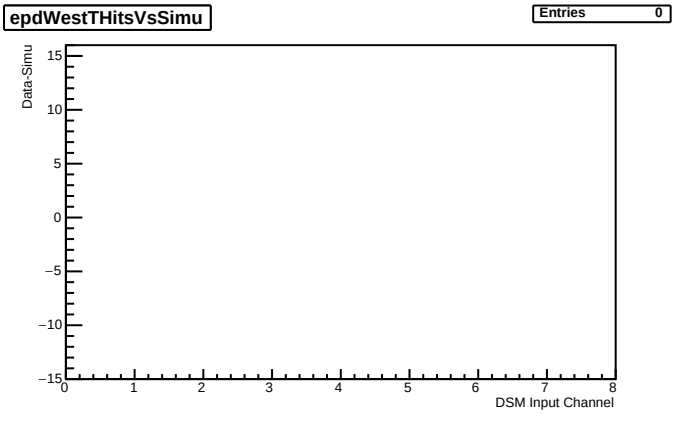
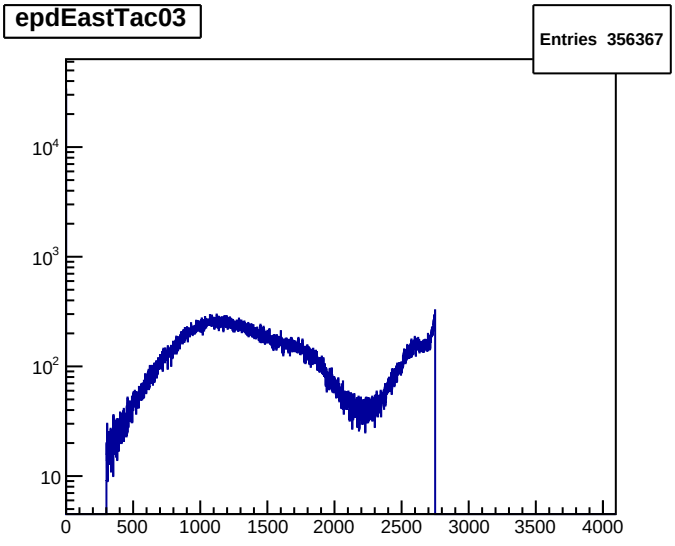
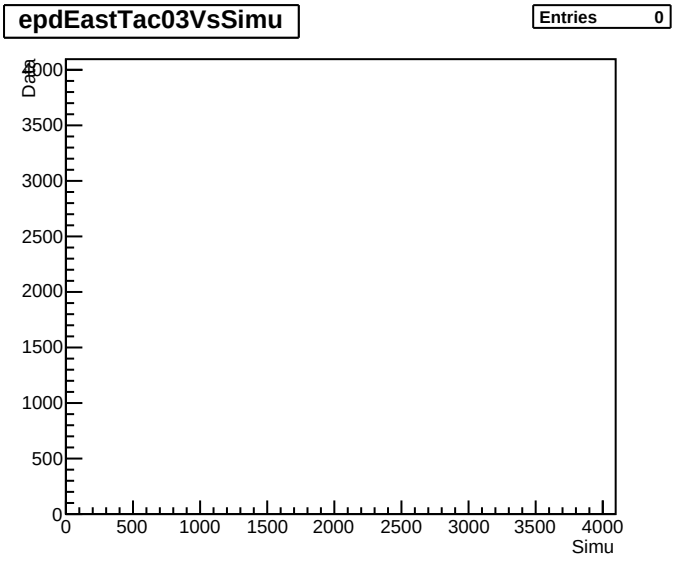
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2850936
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 356367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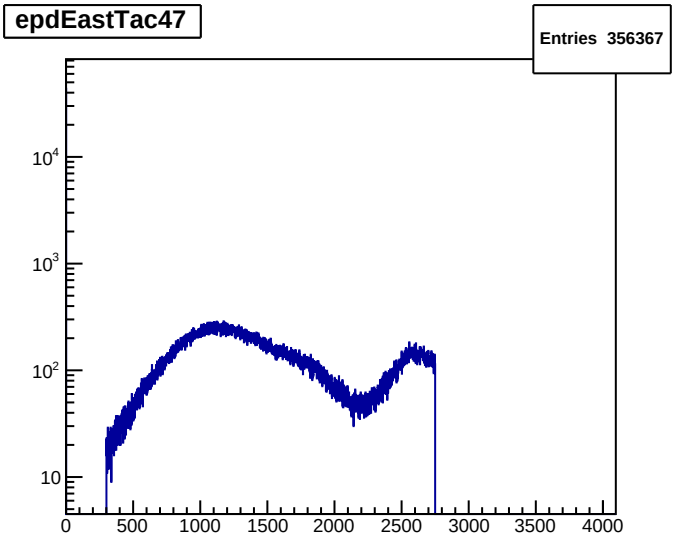
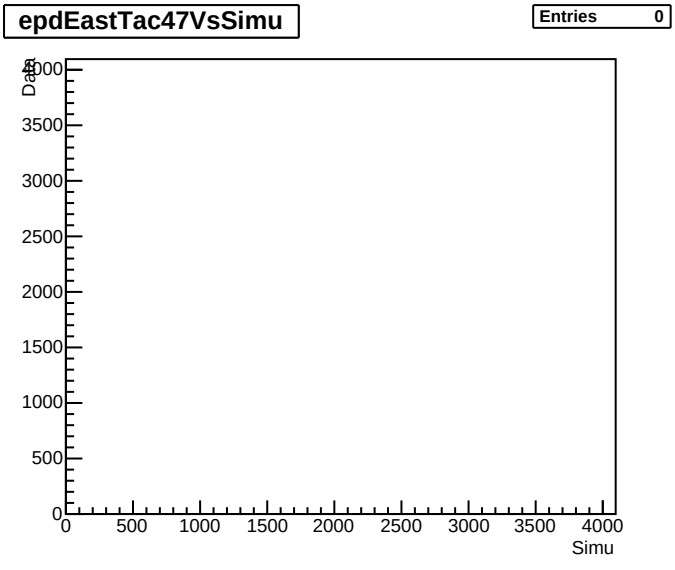
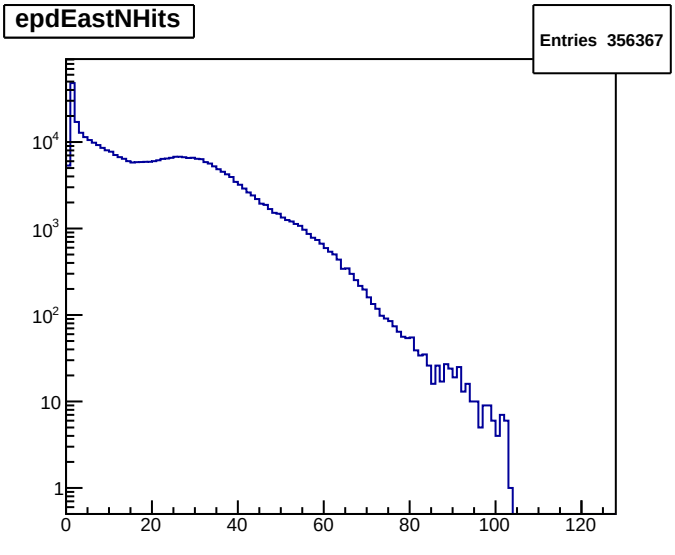
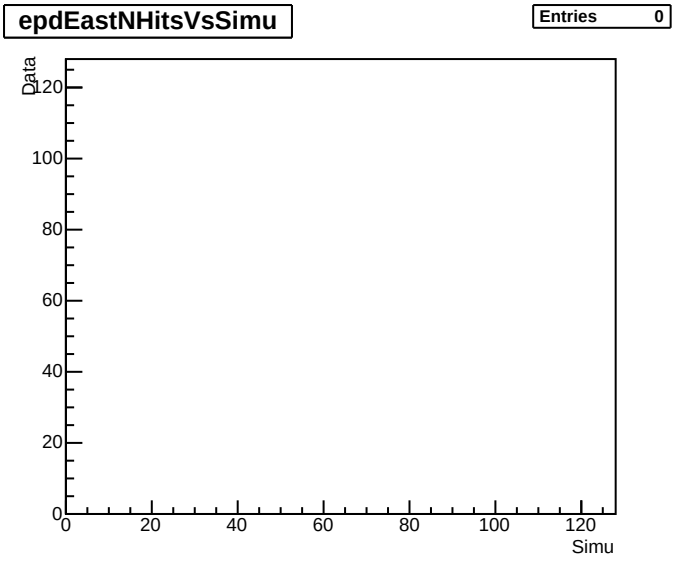
Entries 0
Data
Simu


epdEastTac47
Entries 356367


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 356367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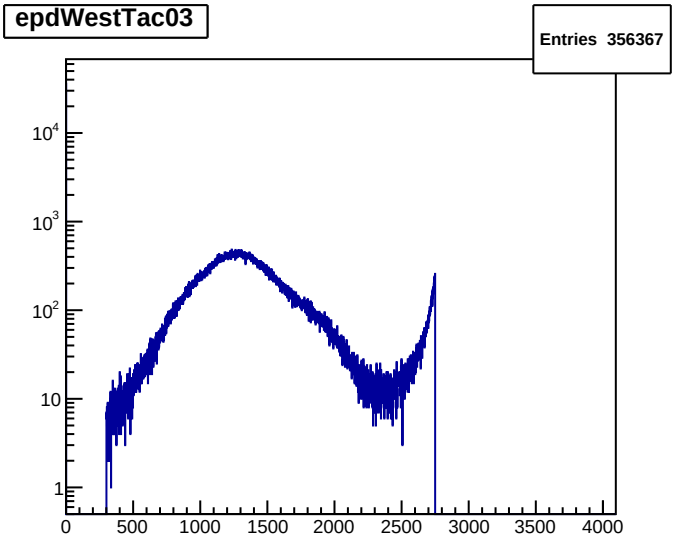
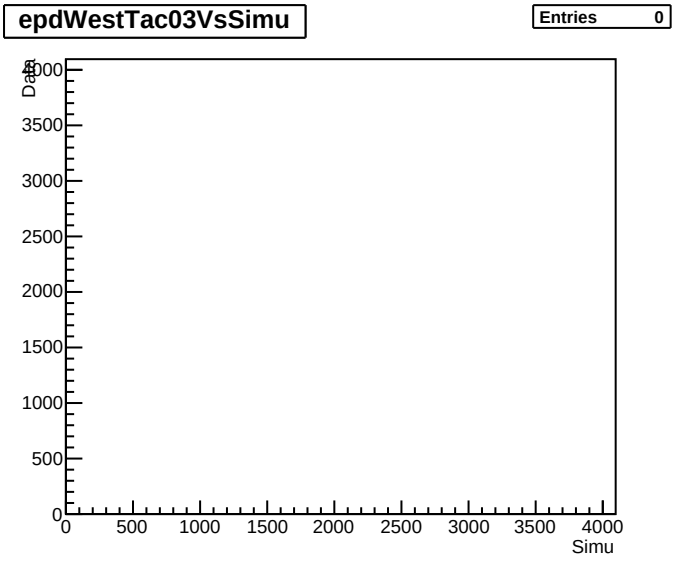
Entries 0
Data
Simu


epdWestTac03
Entries 356367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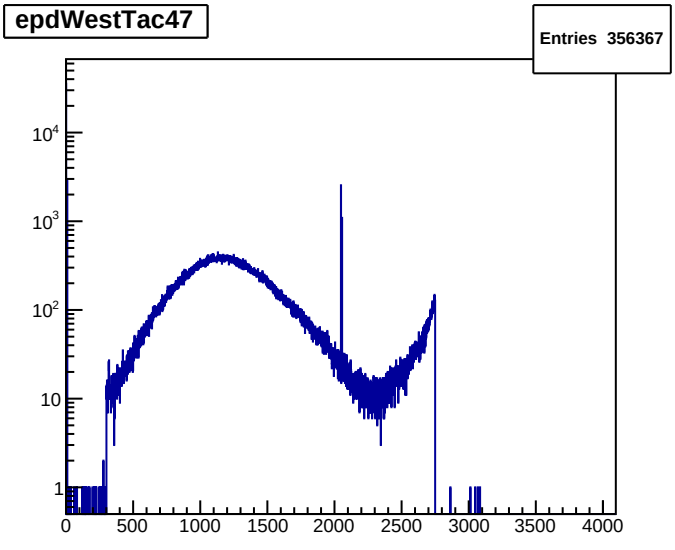
Entries 0
Data
Simu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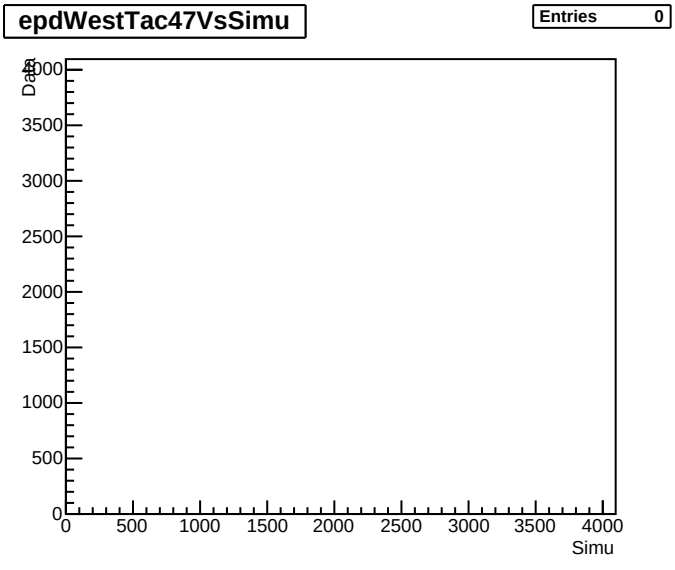
Entries 356367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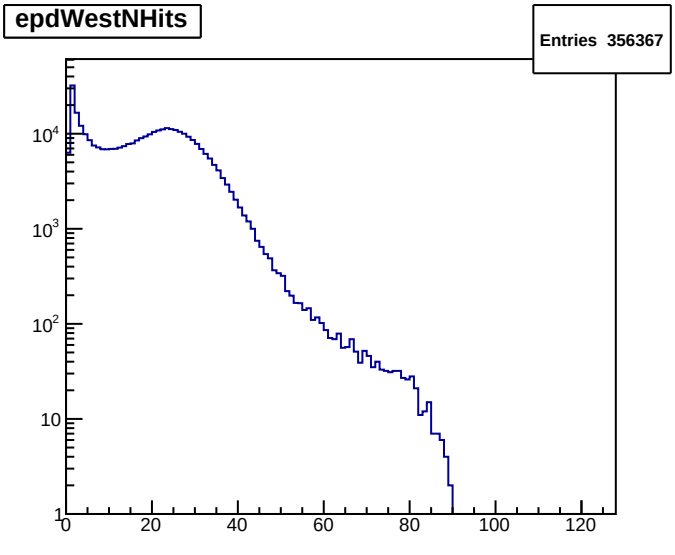
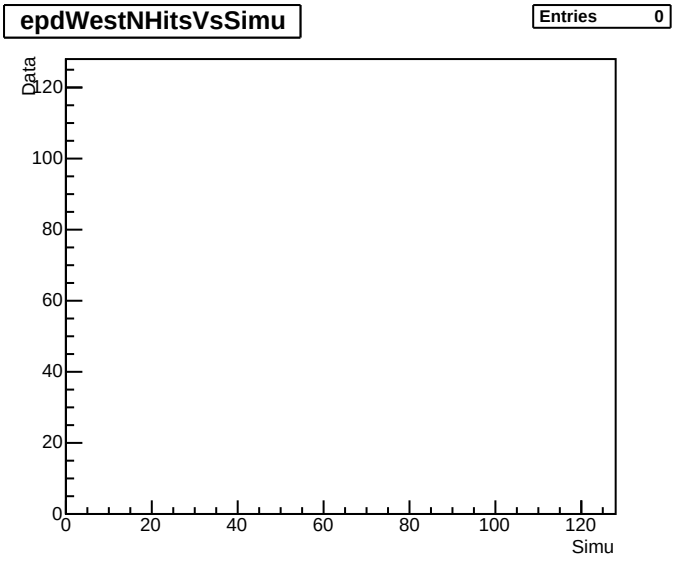
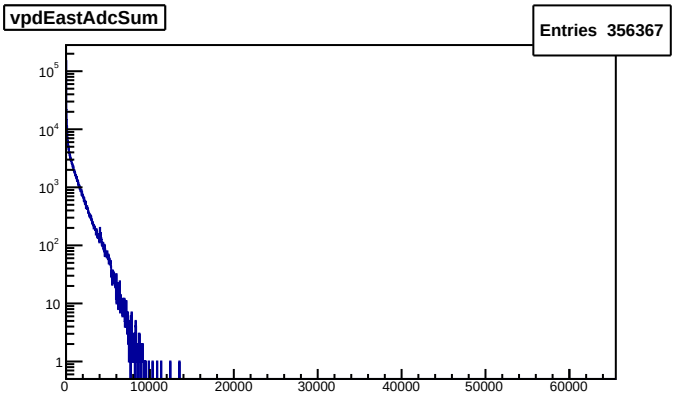
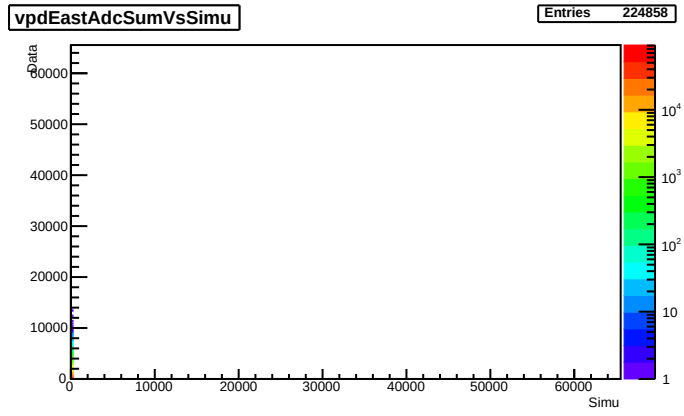
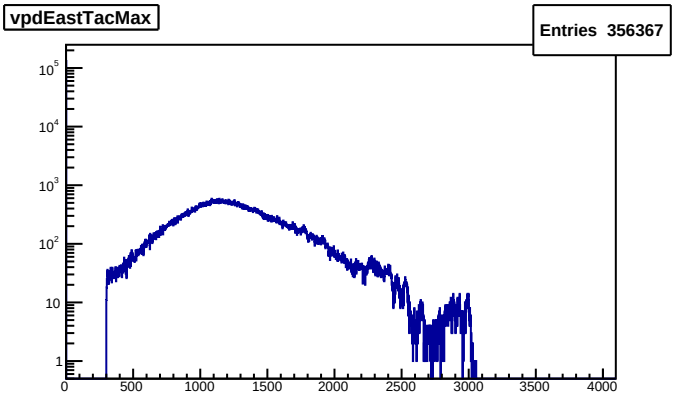
Entries 0
Data
Simu

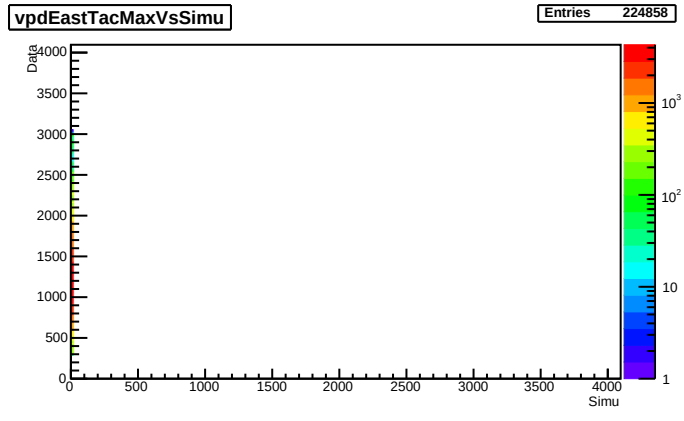

epdWestNHits
Entries 356367

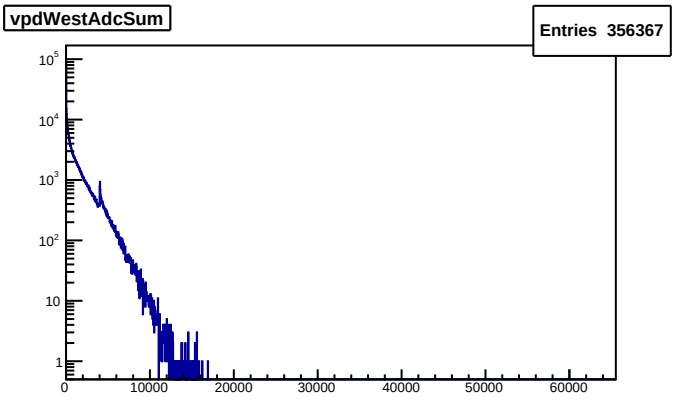

epdWestNHitsVsSimu
Entries 0
Data
Simu

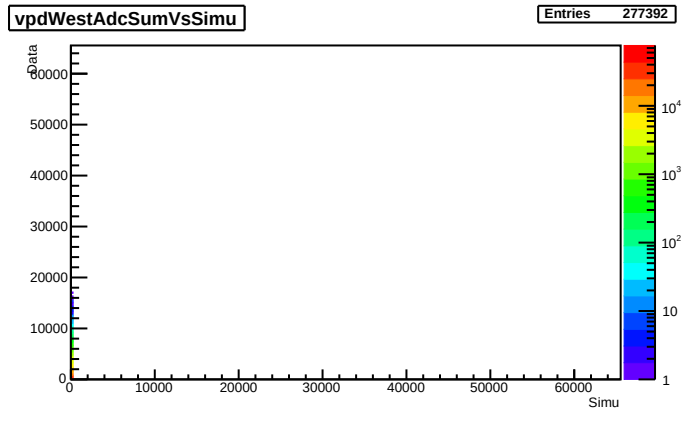

vpdEastAdcSum
Entries 356367

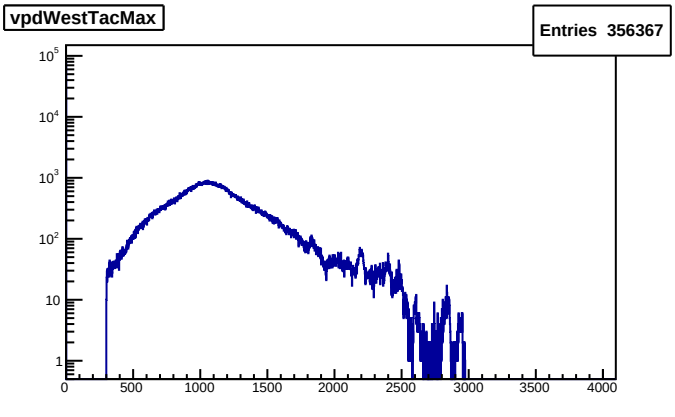

vpdEastAdcSumVsSimu
Entries 224858
Data
Simu

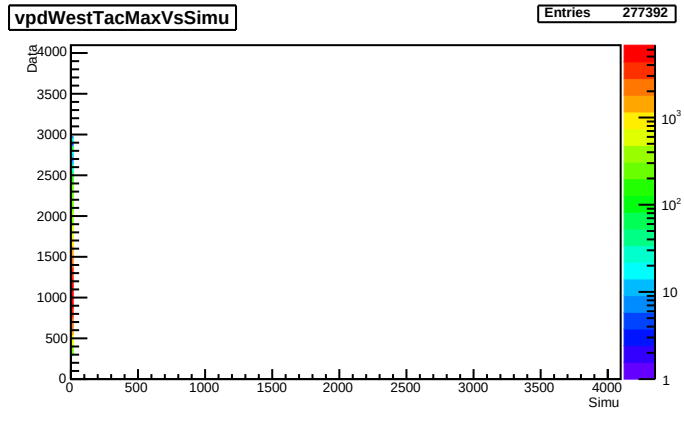

vpdEastTacMax
Entries 356367

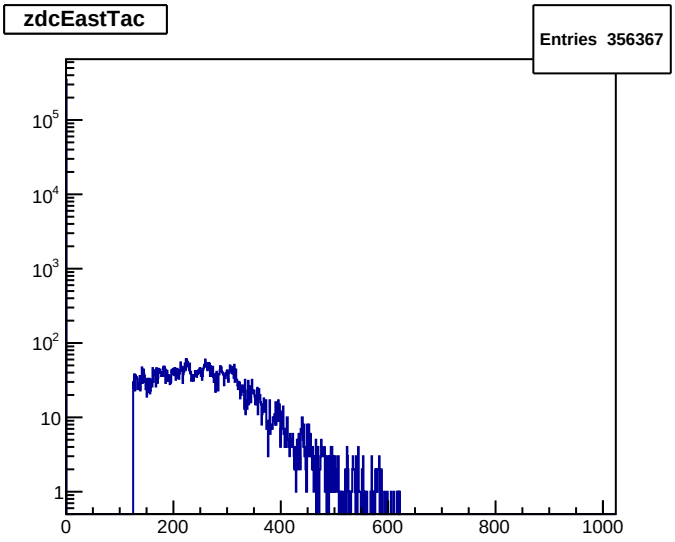

vpdEastTacMaxVsSimu
Entries 224858
Data
Simu

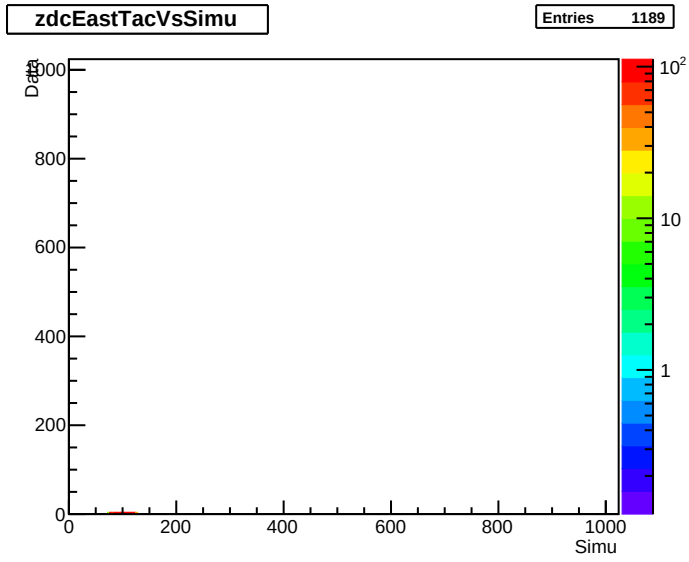

vpdWestAdcSum
Entries 356367

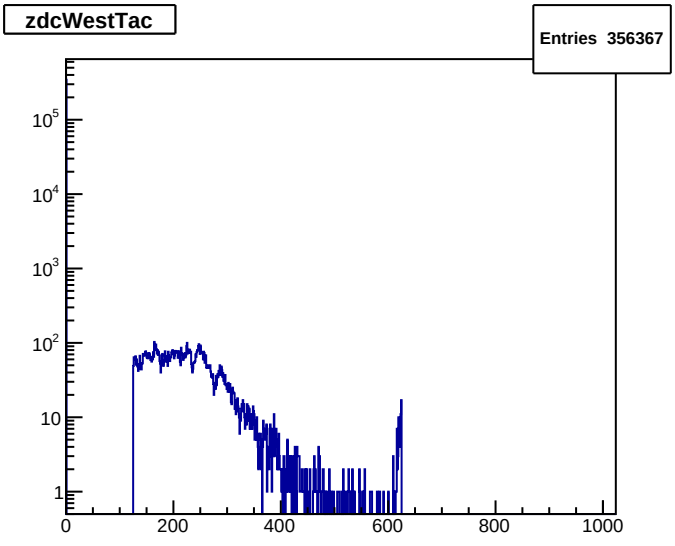

vpdWestAdcSumVsSimu
Entries 277392
Data
Simu

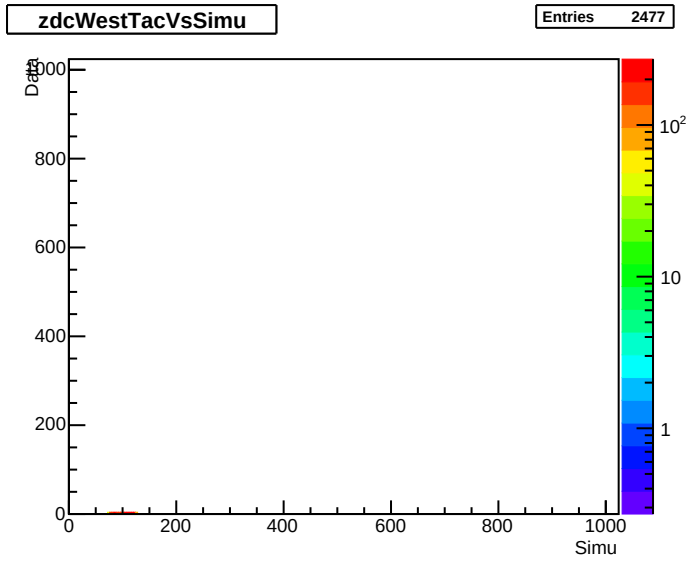

vpdWestTacMax
Entries 356367

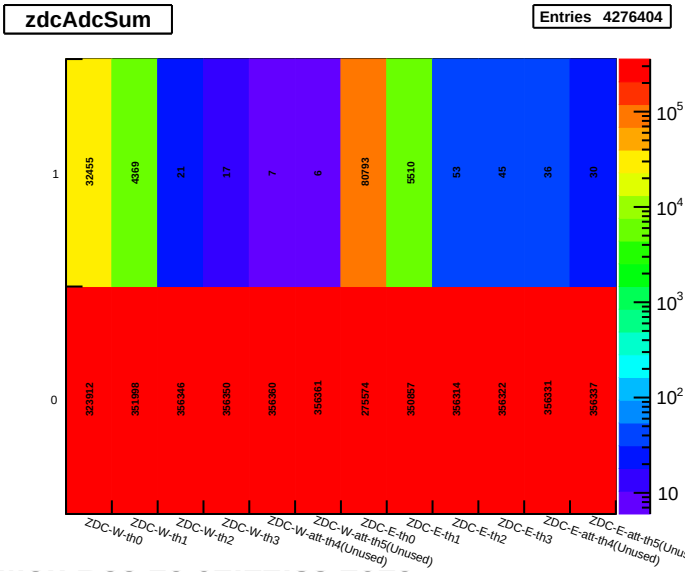

vpdWestTacMaxVsSimu
Entries 277392
Data
Simu

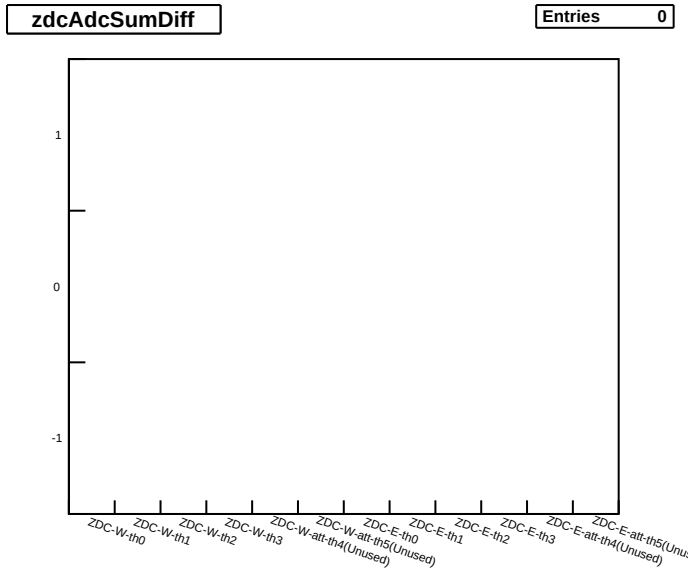

zdcEastTac
Entries 356367

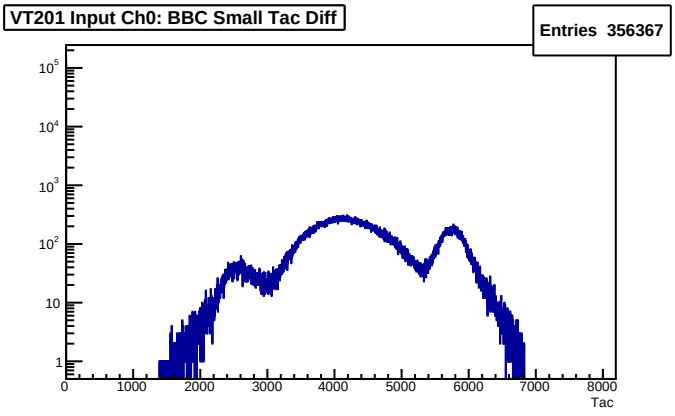

zdcEastTacVsSimu
Entries 1189
Data
Simu

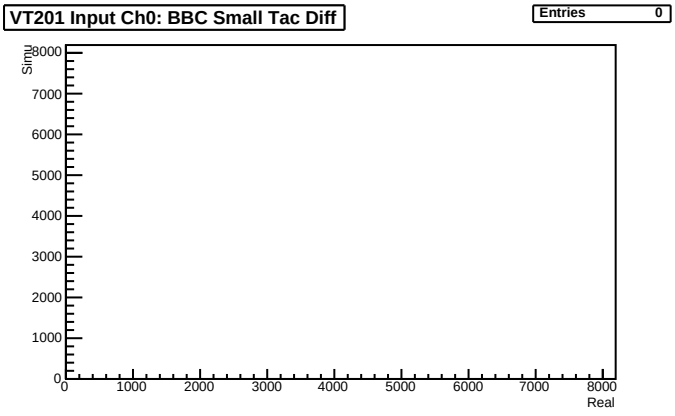

zdcWestTac
Entries 356367

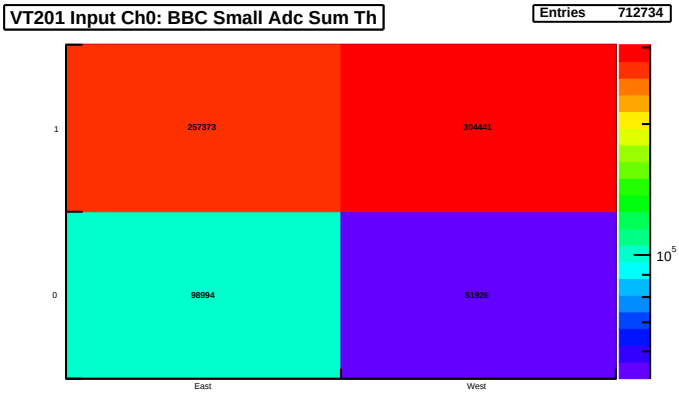

zdcWestTacVsSimu
Entries 2477
Data
Simu

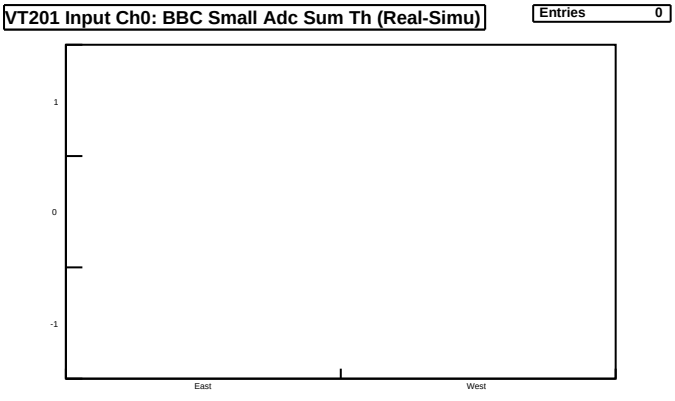

zdcAdcSum
Entries 4276404
32455
4369
21
17
7
6
80793
5510
53
45
36
30
323912
351898
356346
356350
356380
356361
275574
350857
356314
356322
356331
356337
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

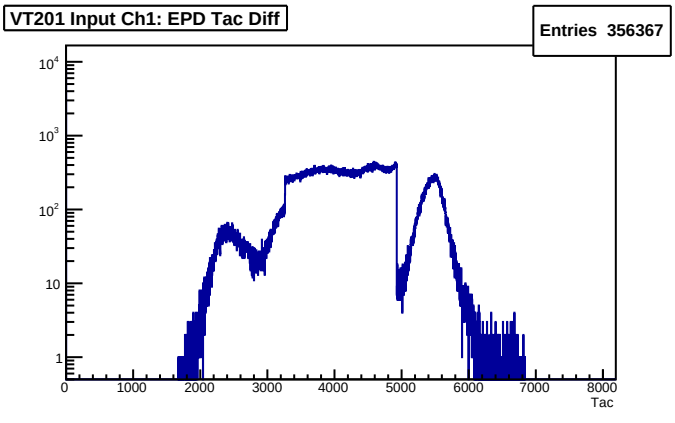

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

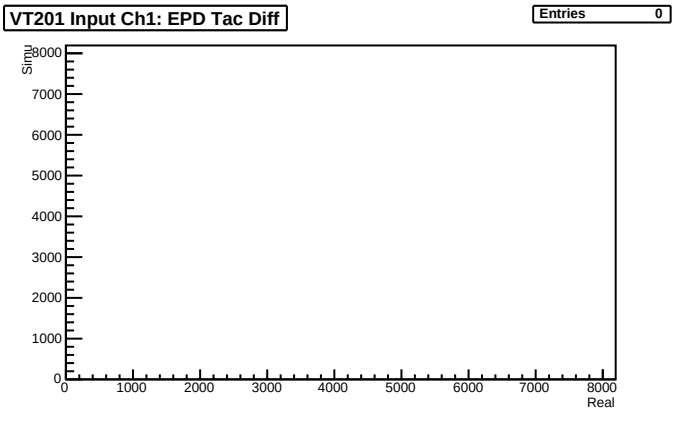

VT201 Input Ch0: BBC Small Tac Diff
Entries 356367
Tac

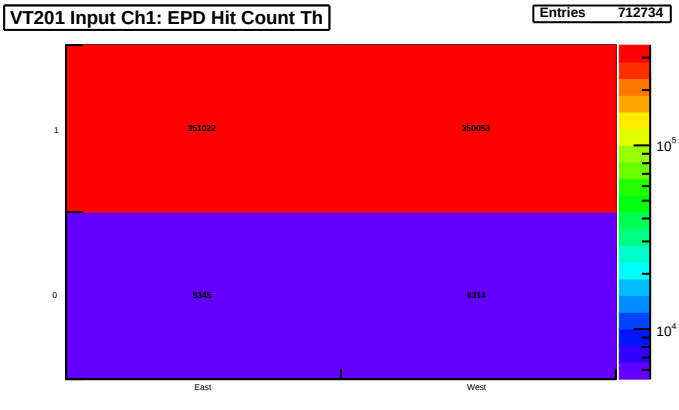

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

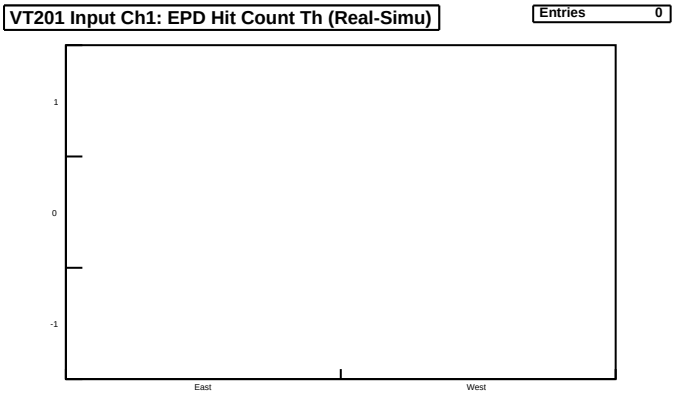

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 712734
257373
304441
98994
51926
East
West

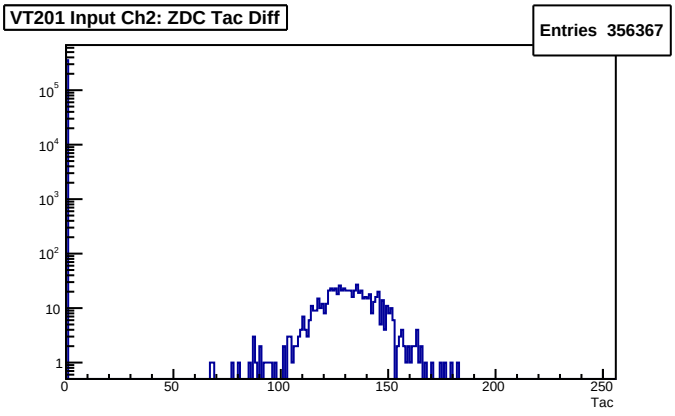

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

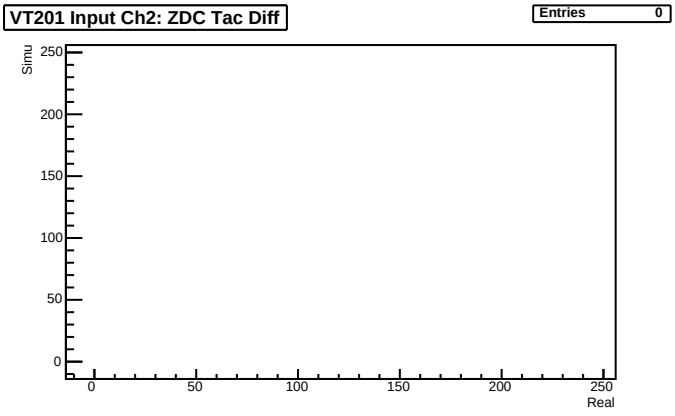

VT201 Input Ch1: EPD Tac Diff
Entries 356367
Tac

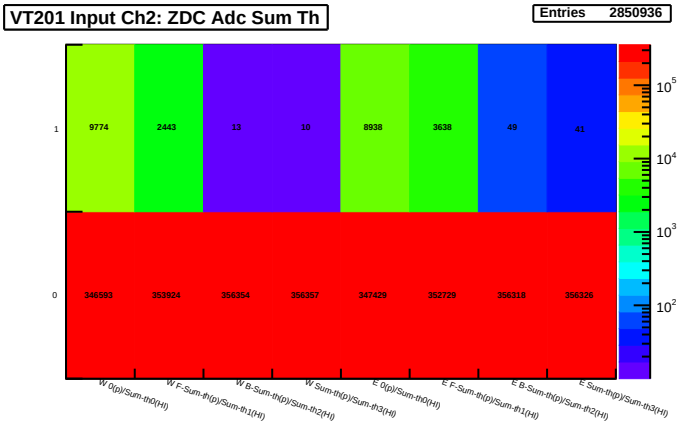

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

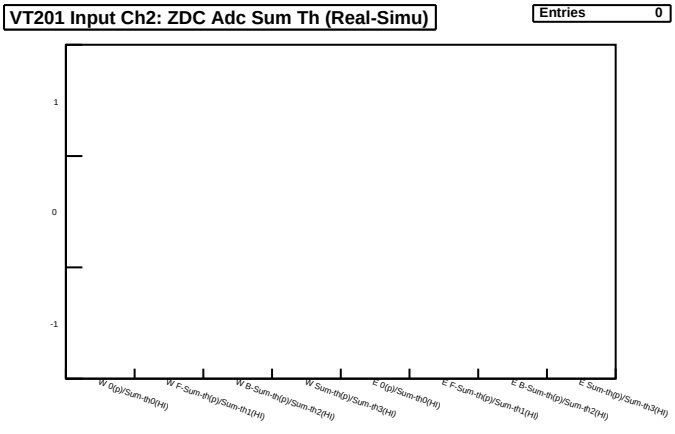

VT201 Input Ch1: EPD Hit Count Th
Entries 712734
351022
350063
5345
6314
East
West

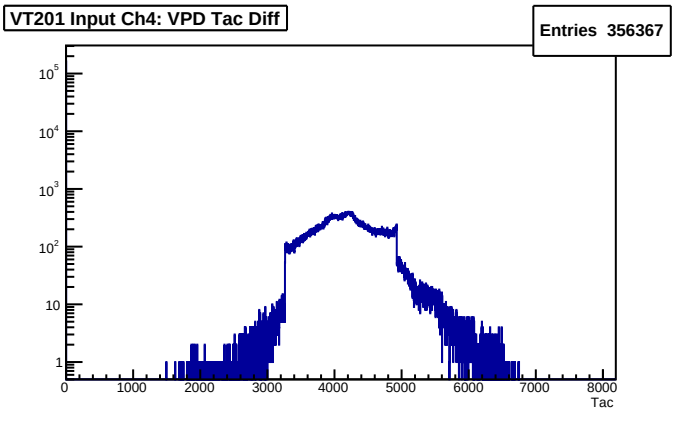

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

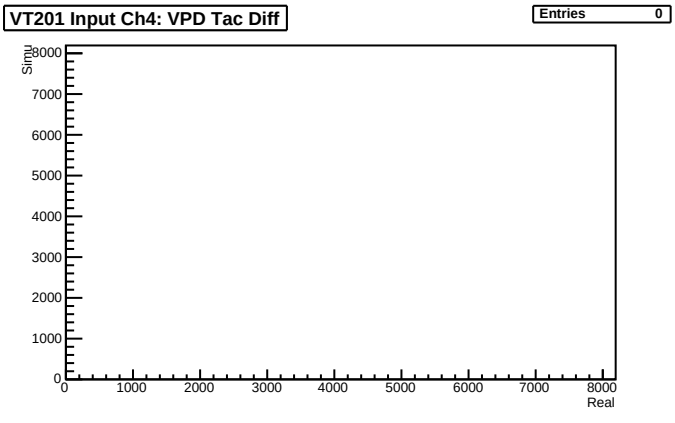

VT201 Input Ch2: ZDC Tac Diff
Entries 356367
Tac

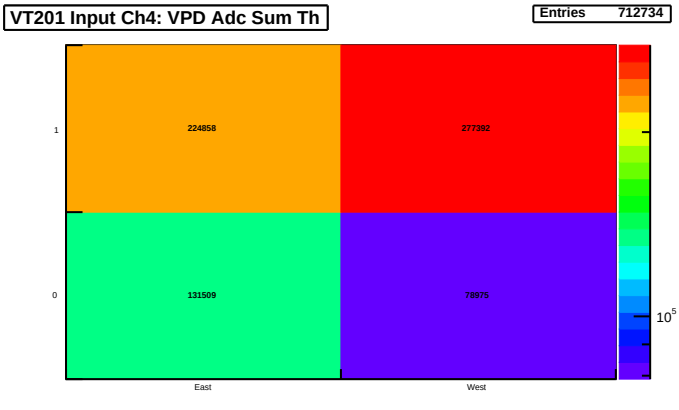

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

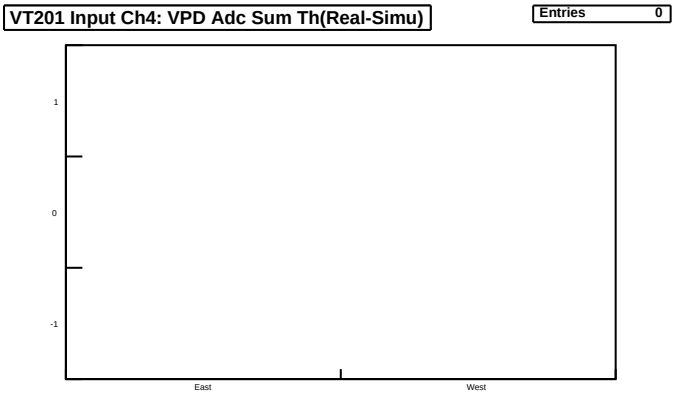

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2850936
9774
2443
13
10
8938
3638
49
41
346593
353924
356354
356357
347429
352729
356318
356326
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

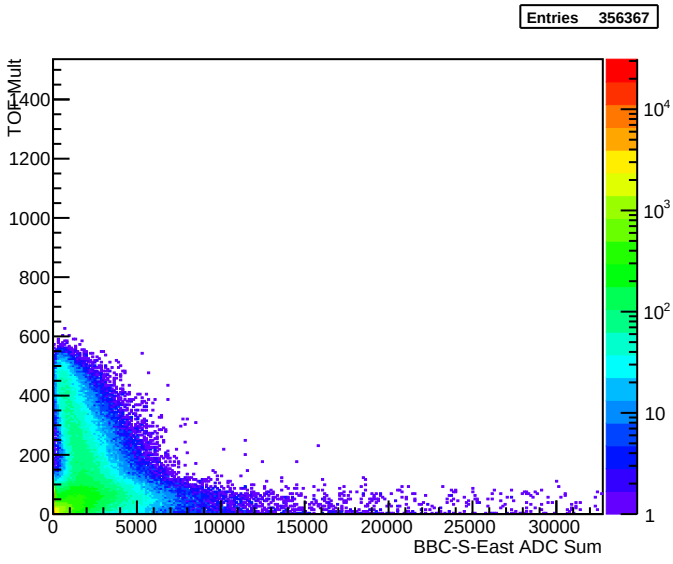

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

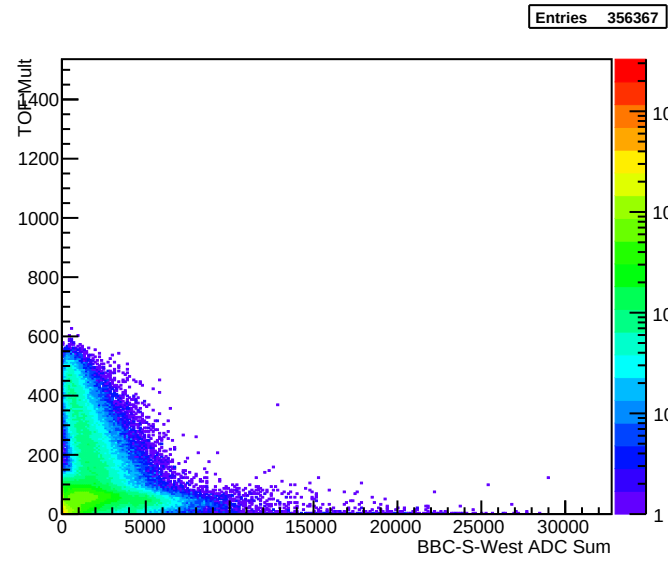

VT201 Input Ch4: VPD Tac Diff
Entries 356367
Tac

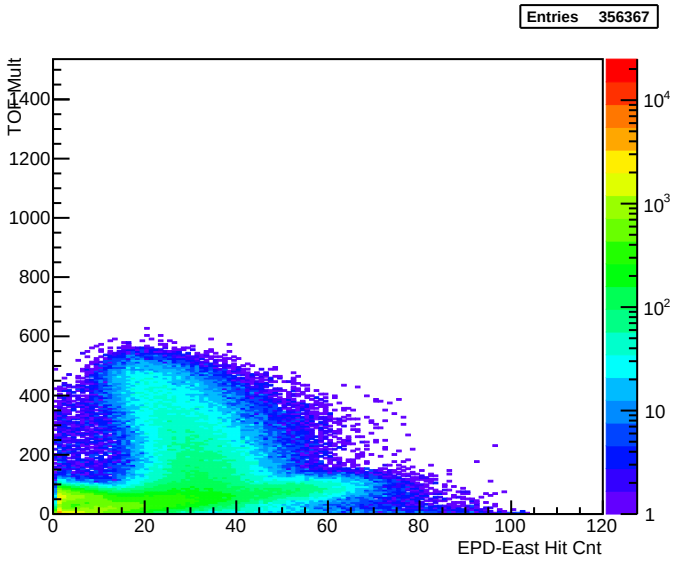

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

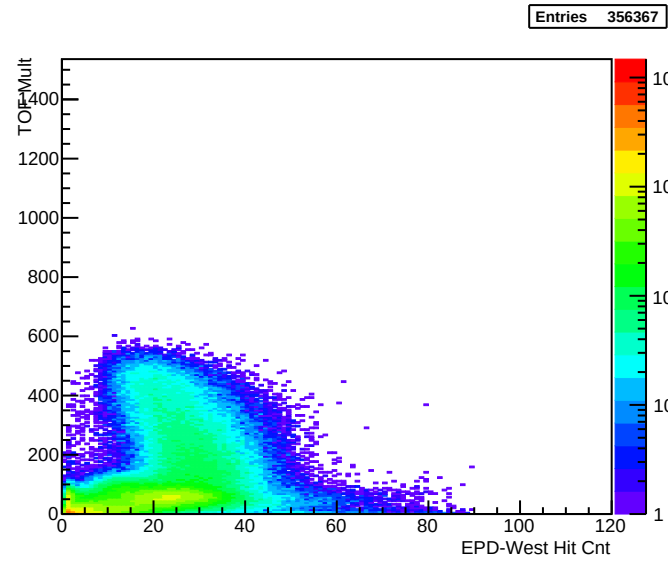

VT201 Input Ch4: VPD Adc Sum Th
Entries 712734
224858
277392
131509
78975
East
West

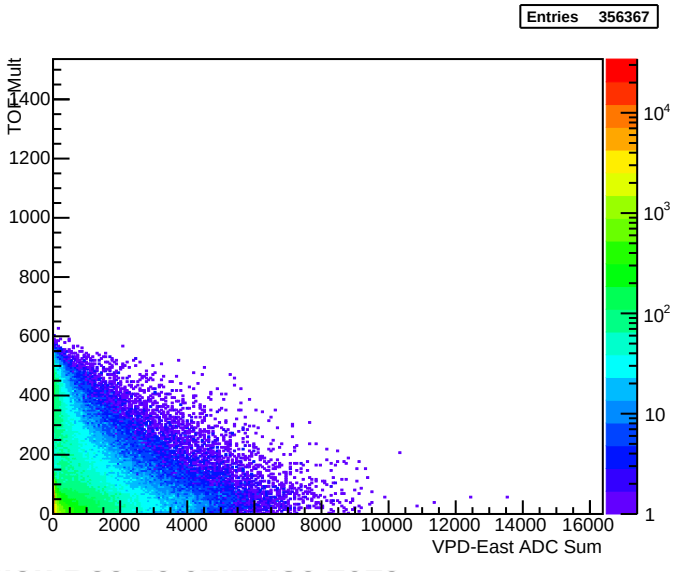

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

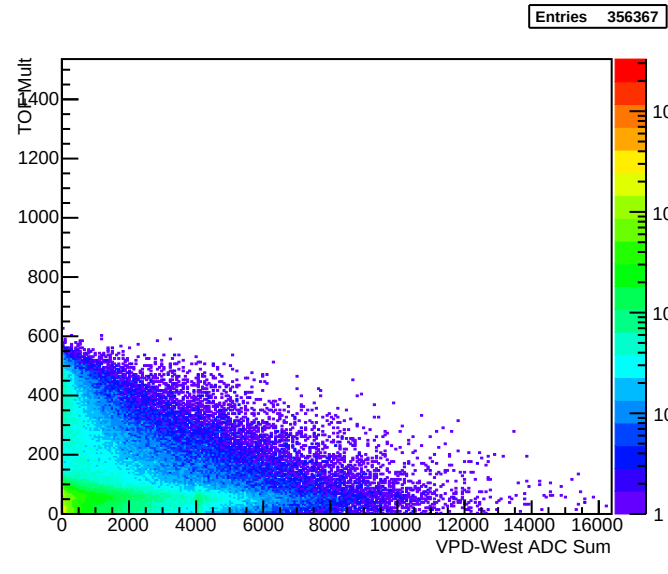

Entries 356367
TOF-Mult
BBC-S-East ADC Sum

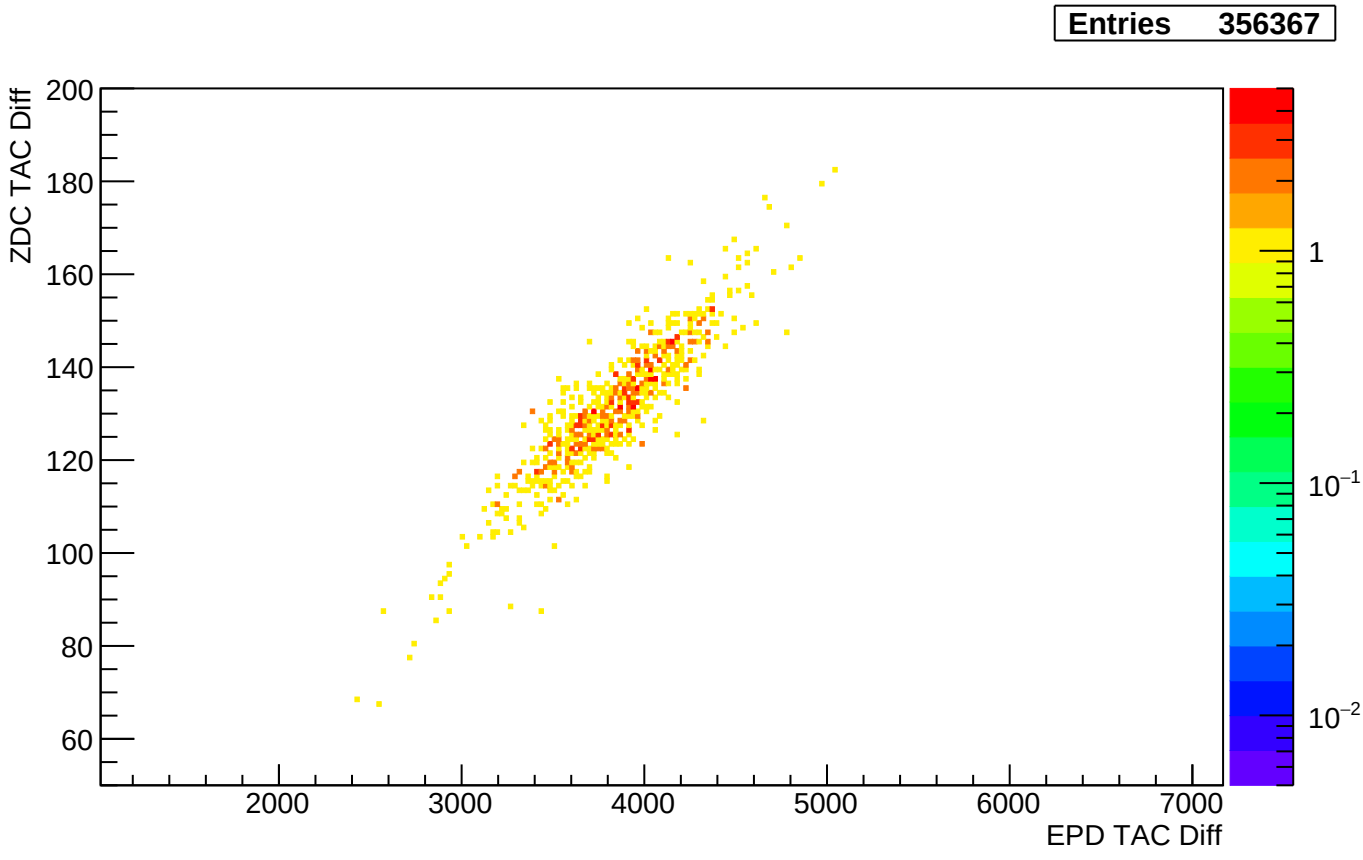

Entries 356367
TOF-Mult
BBC-S-West ADC Sum

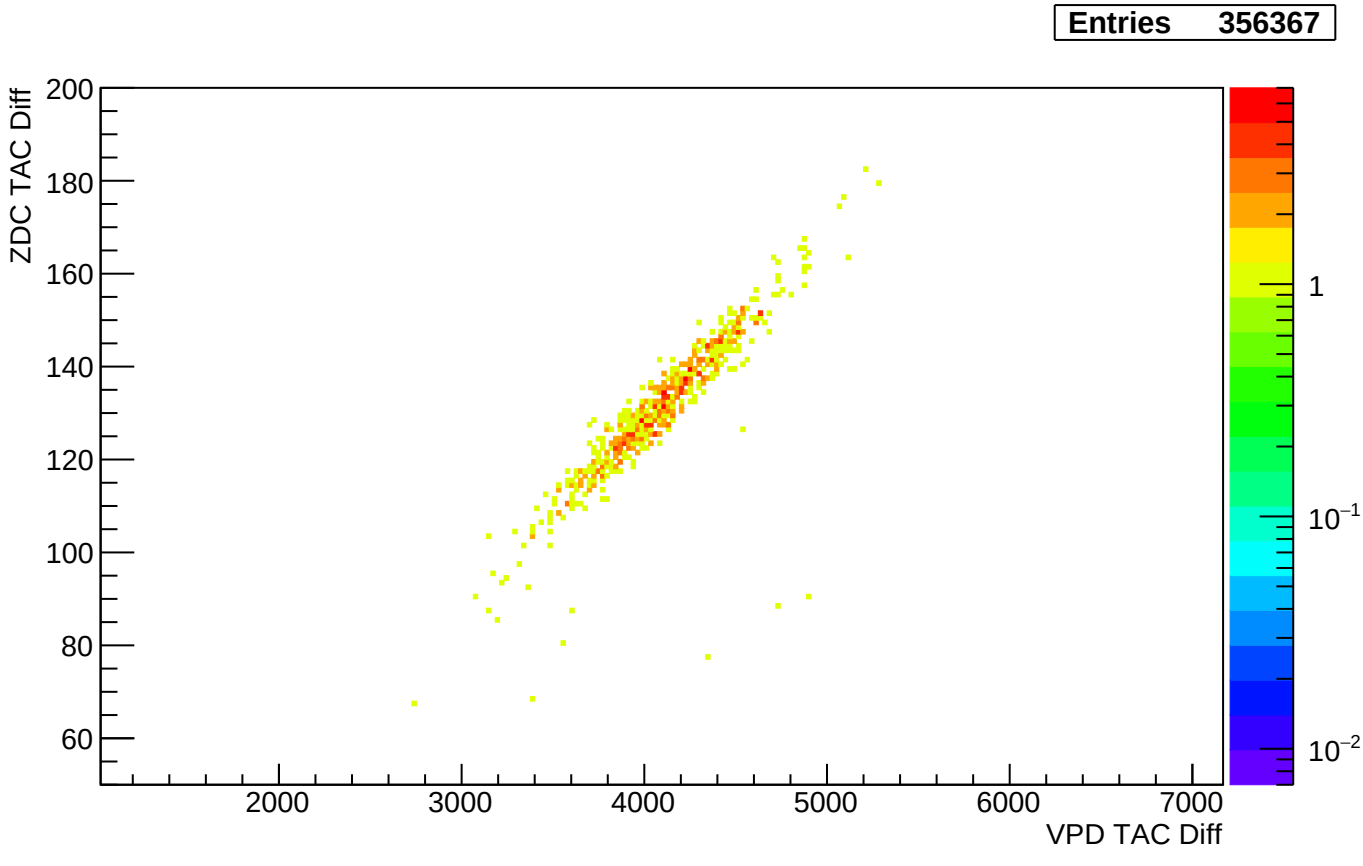

Entries 356367
TOF-Mult
EPD-East Hit Cnt

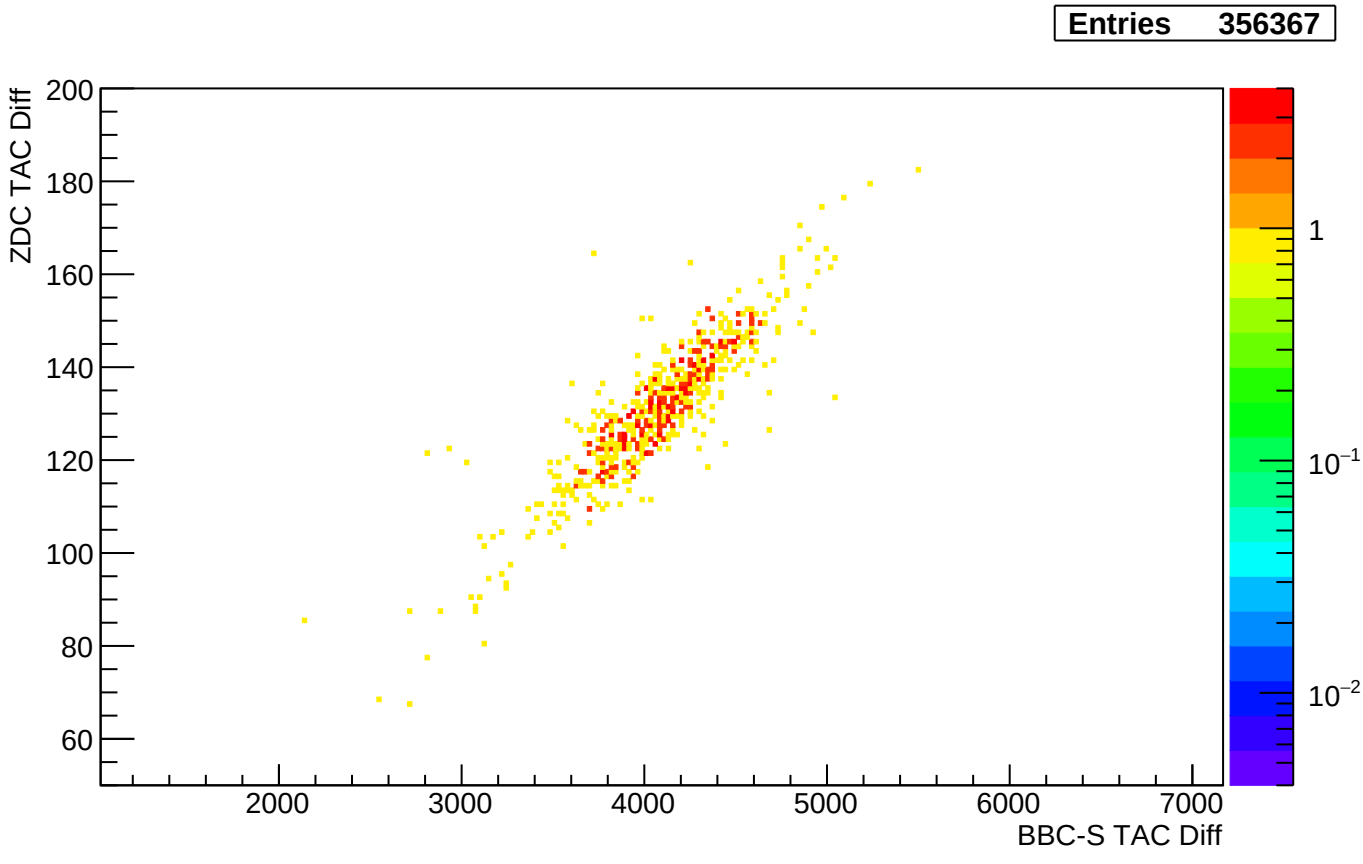

Entries 356367
TOF-Mult
EPD-West Hit Cnt

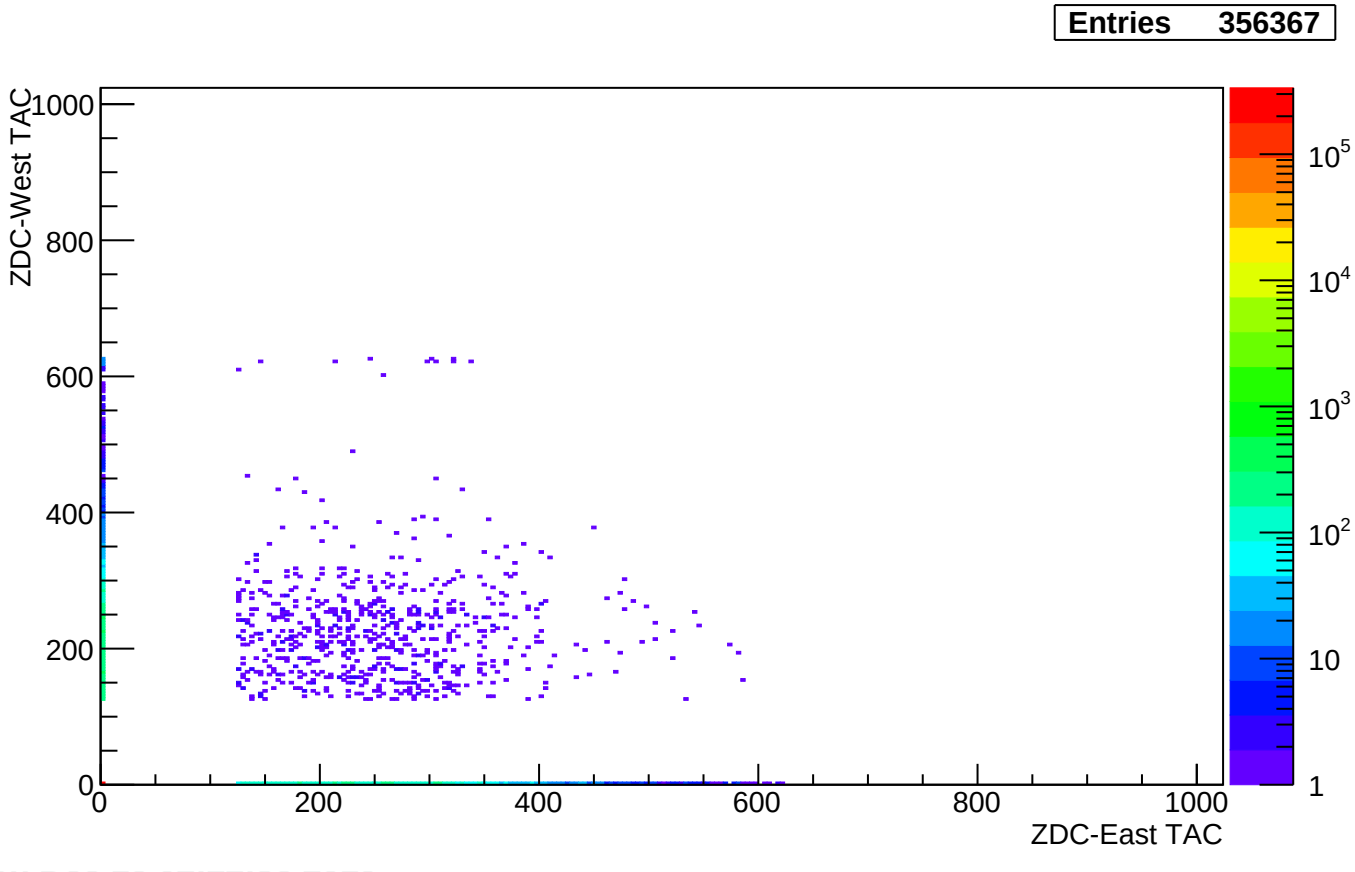

Entries 356367
TOF-Mult
VPD-East ADC Sum

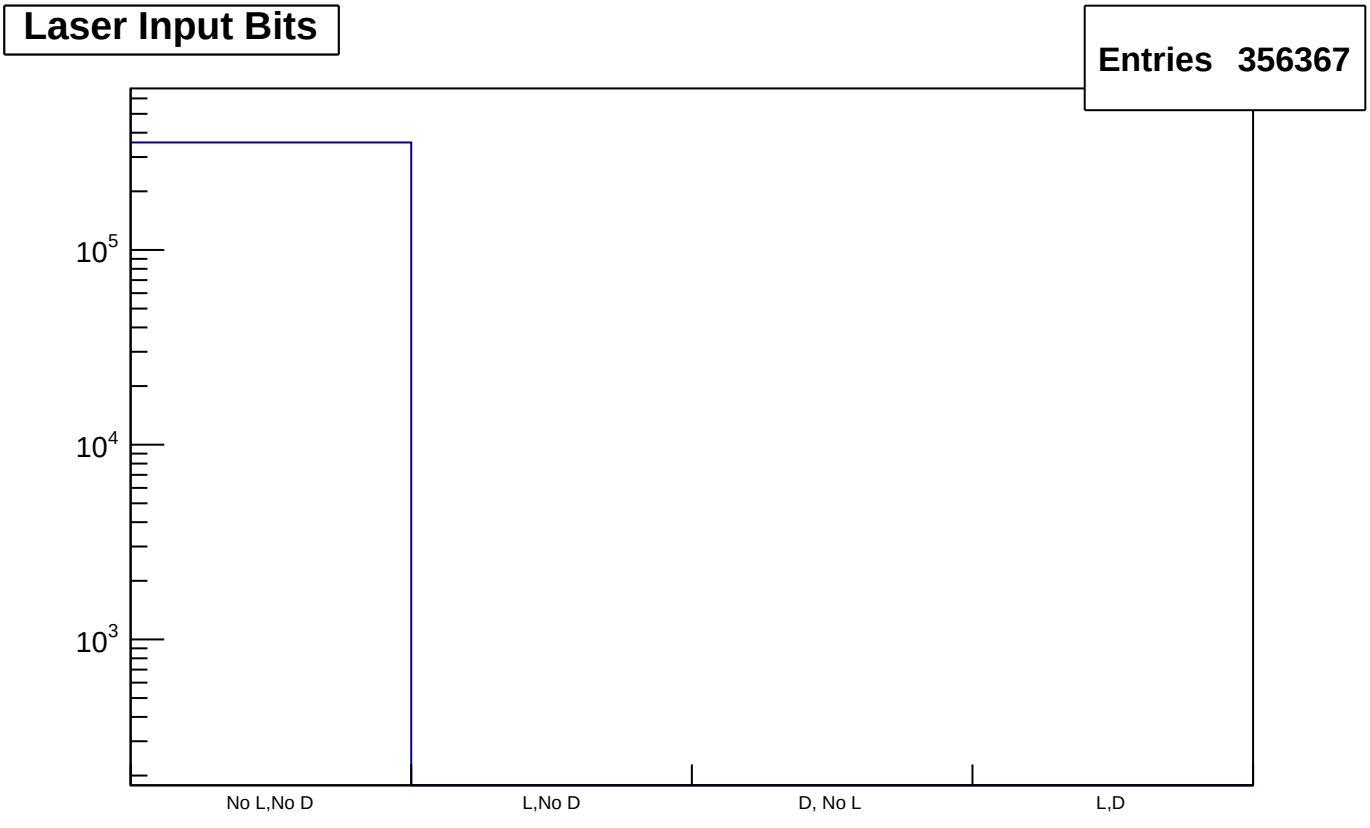

Entries 356367
TOF-Mult
VPD-West ADC Sum

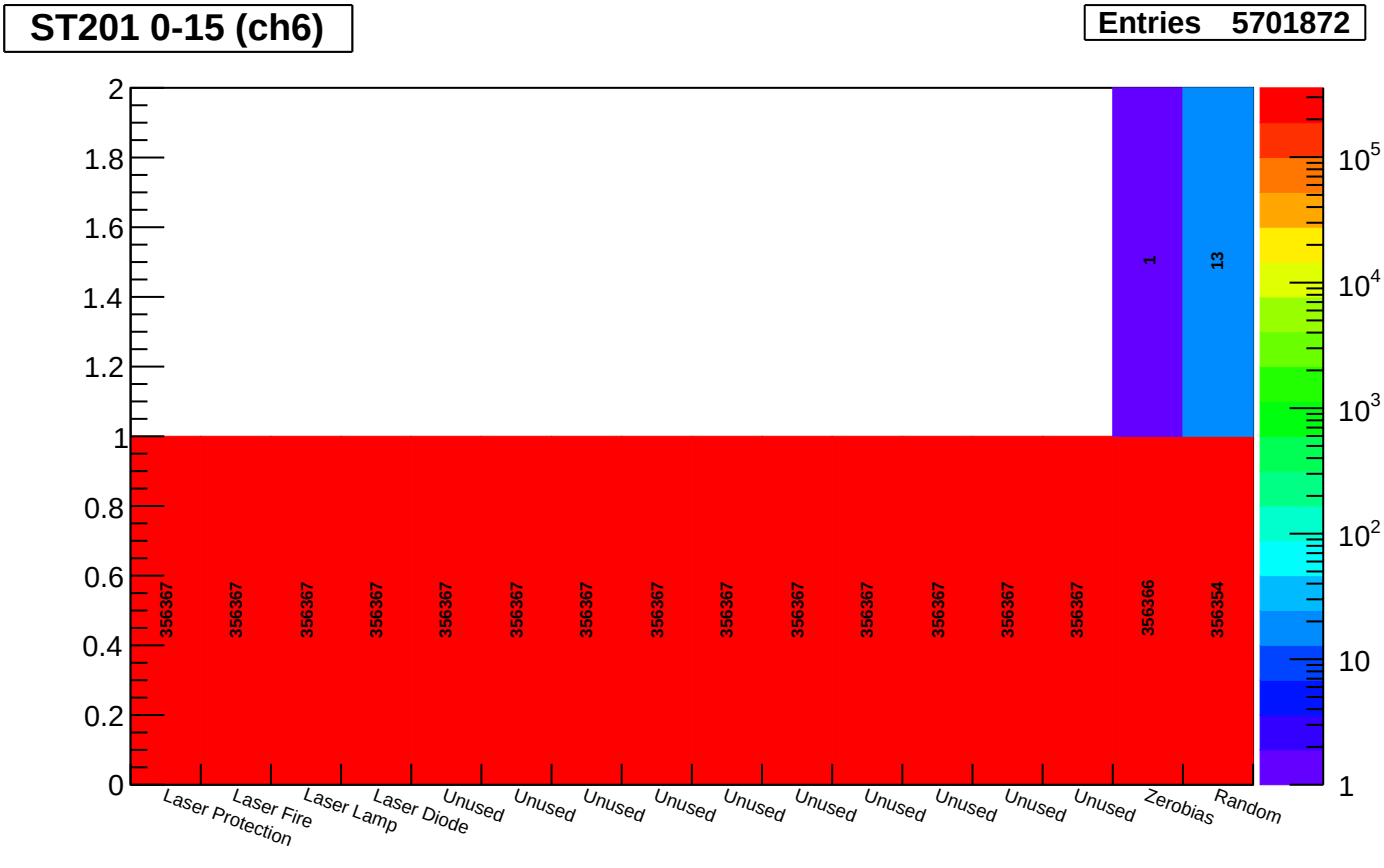

Entries 356367
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

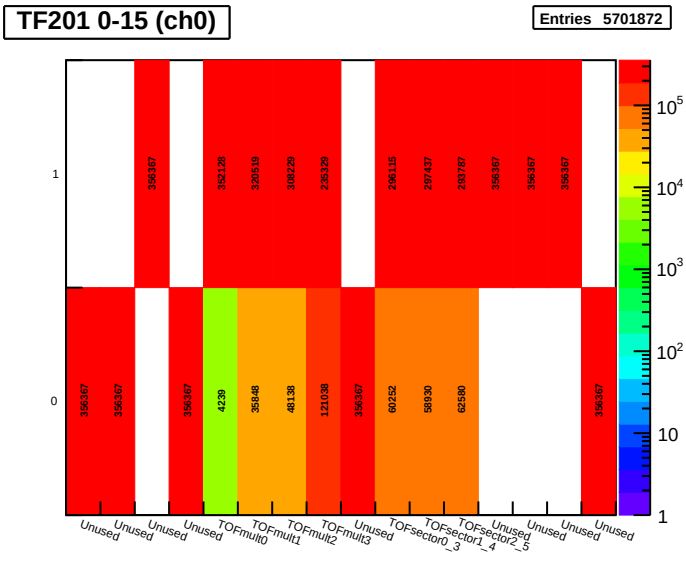

Entries 356367
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

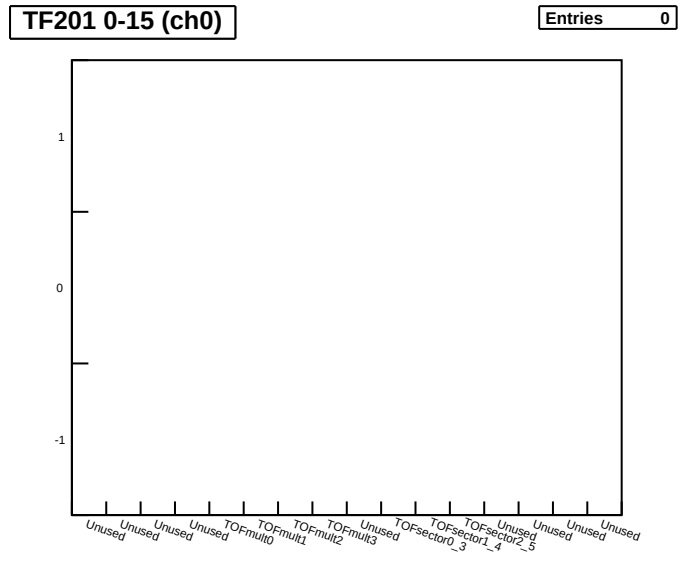

Entries 356367
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

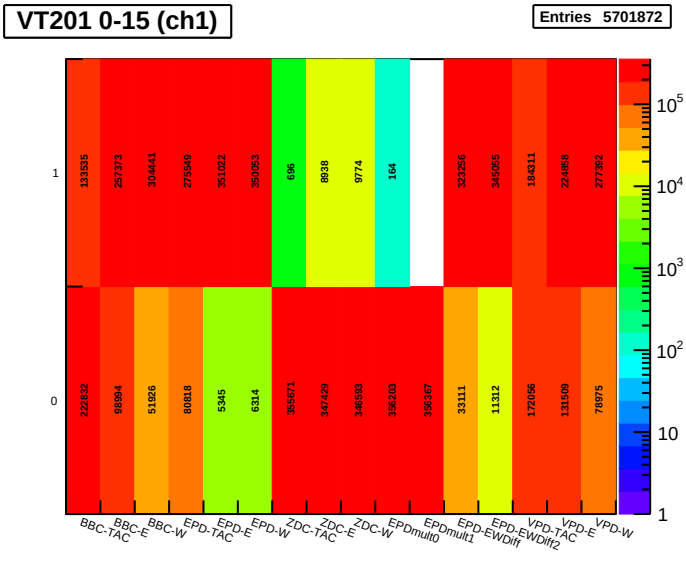

Entries 356367
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

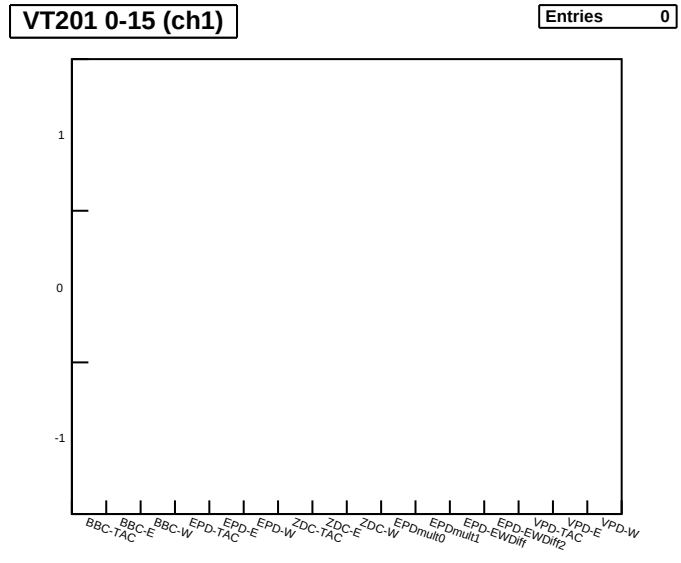

Laser Input Bits
Entries 356367
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

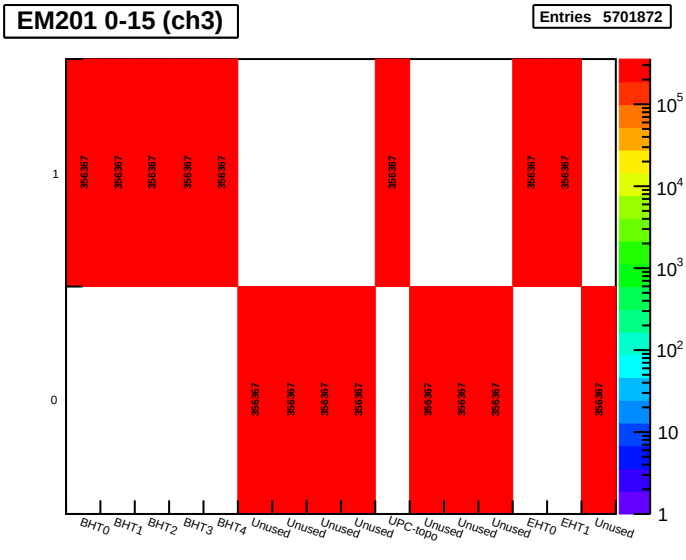

ST201 0-15 (ch6)
Entries 5701872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356366
356354
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

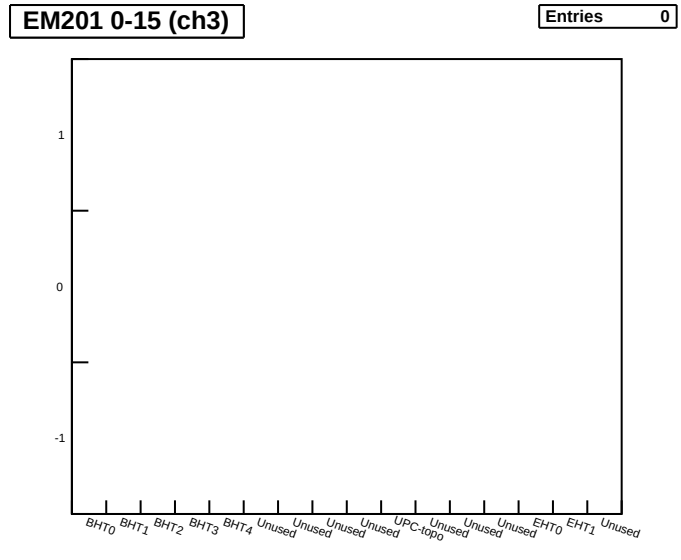

TF201 0-15 (ch0)
Entries 5701872
1
0
356367
356367
356367
356367
4239
35848
48138
121038
356367
60252
58930
62580
356367
352128
320519
308229
235329
256115
237437
233787
356367
359367
356367
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5701872
1
0
133535
257373
304441
275549
351022
350053
696
8938
9774
164
323256
345055
184311
224858
277392
222832
98994
51926
80818
5345
6314
355671
347429
346593
356203
356367
33111
11312
172056
131509
78975
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 5701872
1
0
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
356367
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
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
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused