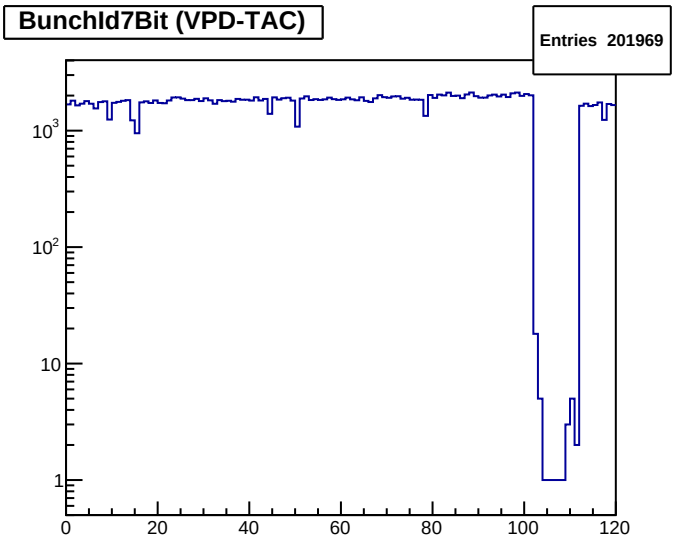
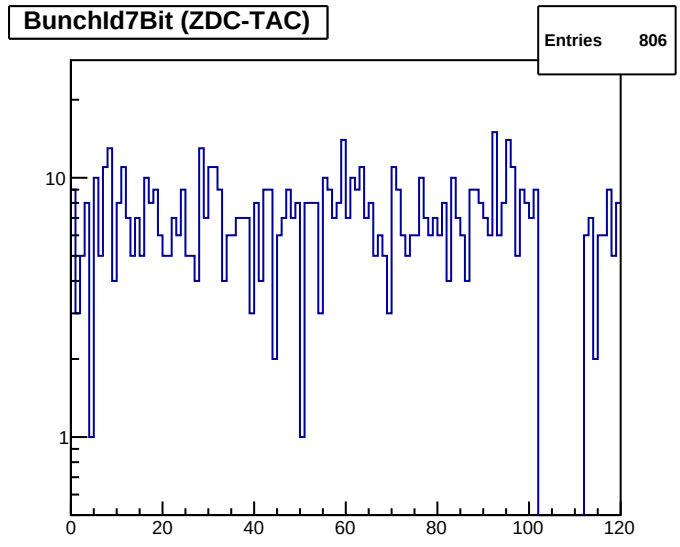
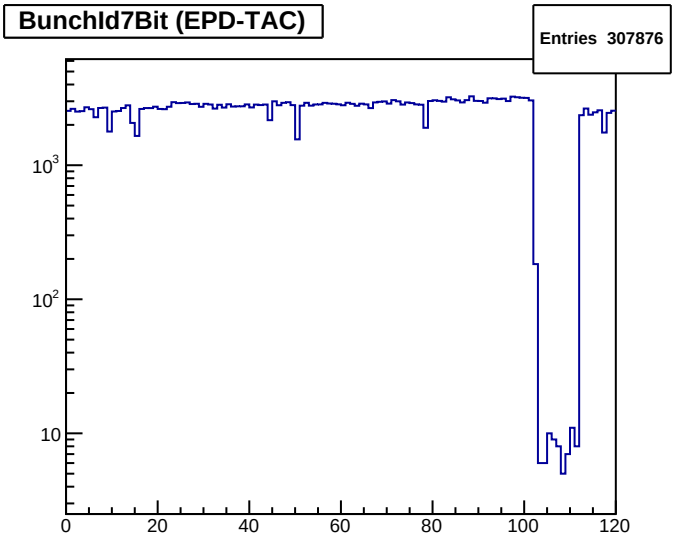
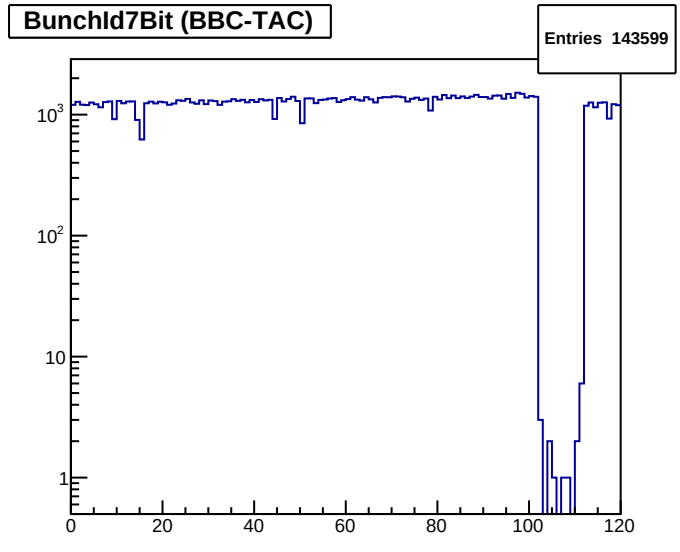
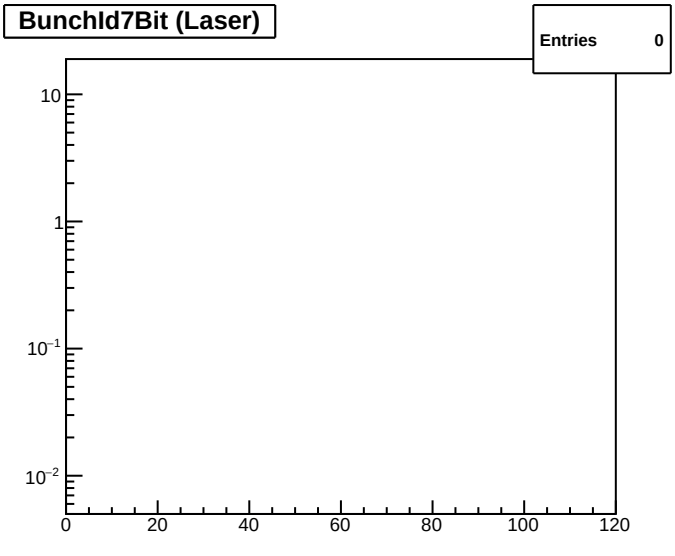
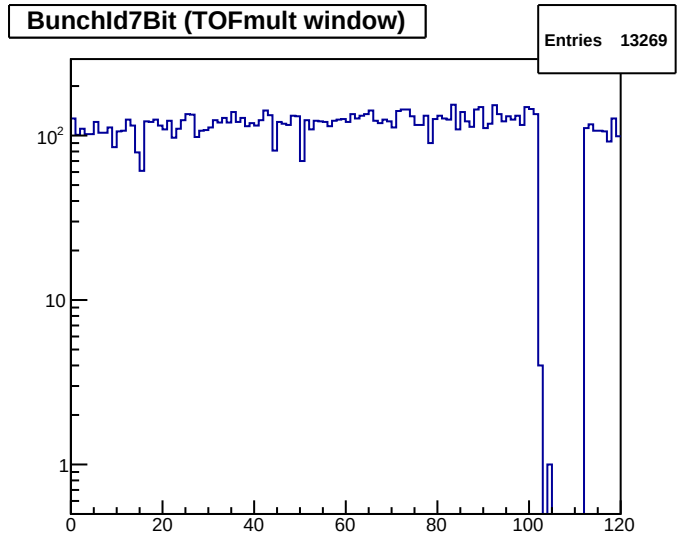

BunchId7Bit (VPD-TAC)
Entries 201969

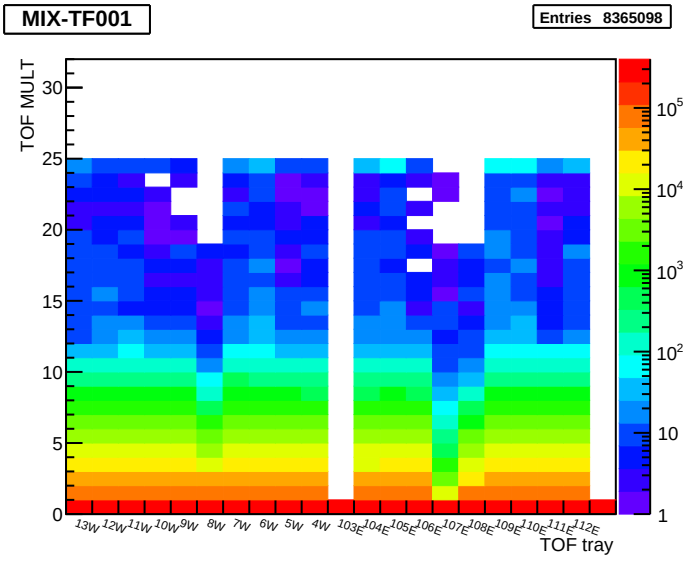

BunchId7Bit (ZDC-TAC)
Entries 806

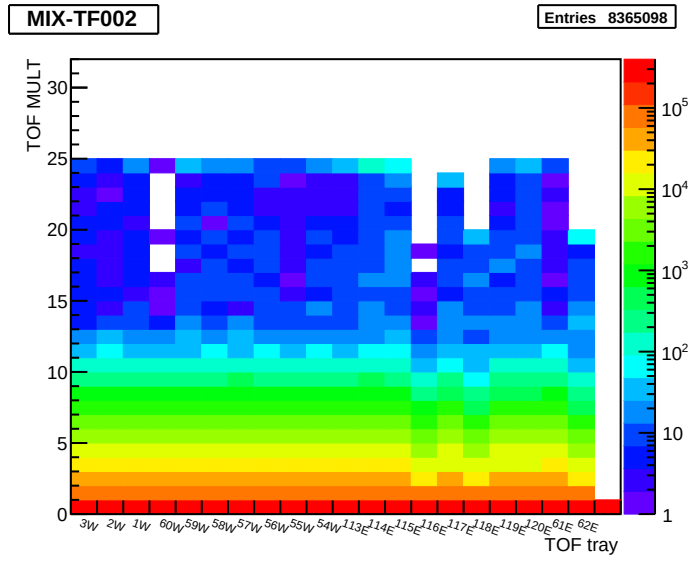

BunchId7Bit (EPD-TAC)
Entries 307876

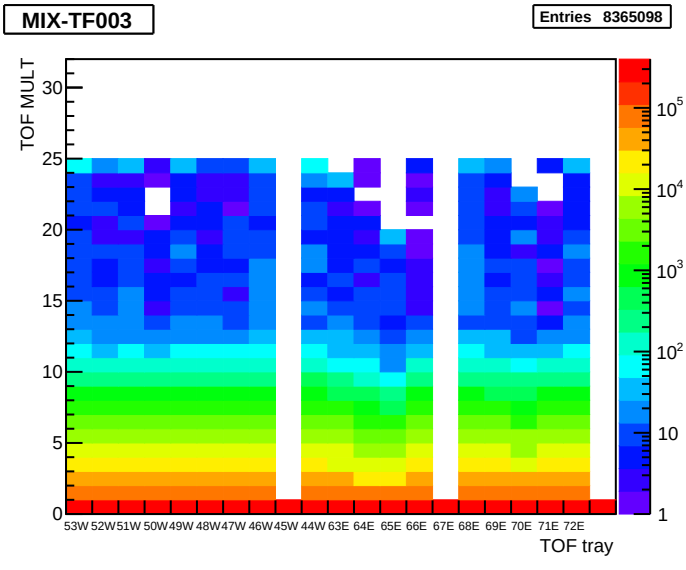

BunchId7Bit (BBC-TAC)
Entries 143599

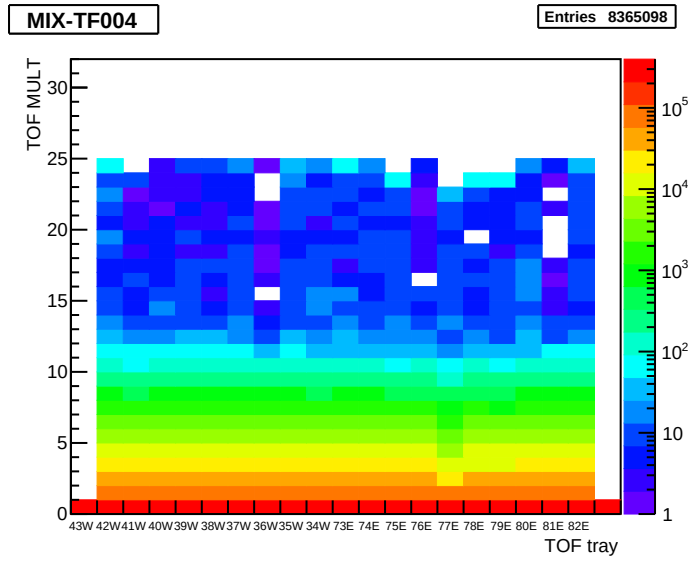

BunchId7Bit (Laser)
Entries 0

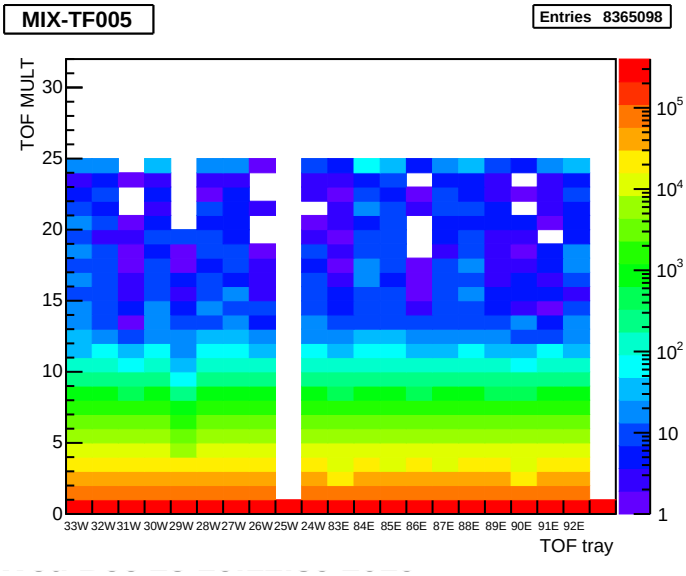

BunchId7Bit (TOFmult window)
Entries 13269

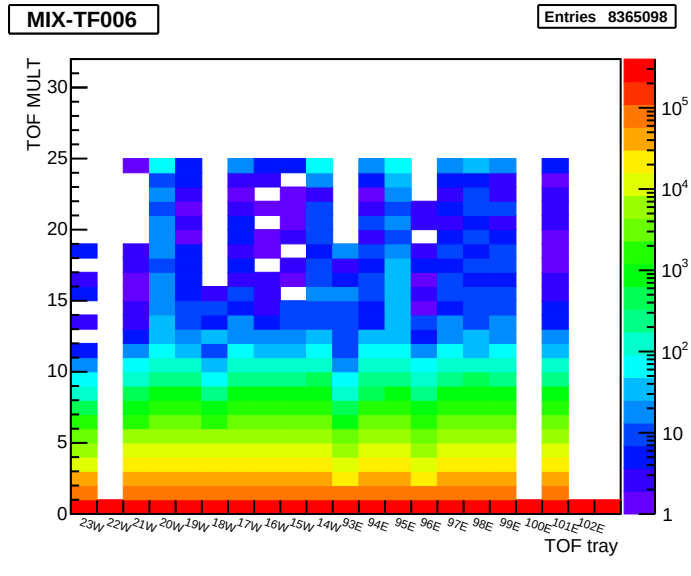

MIX-TF001
Entries 8365098
TOF MULT
TOF tray

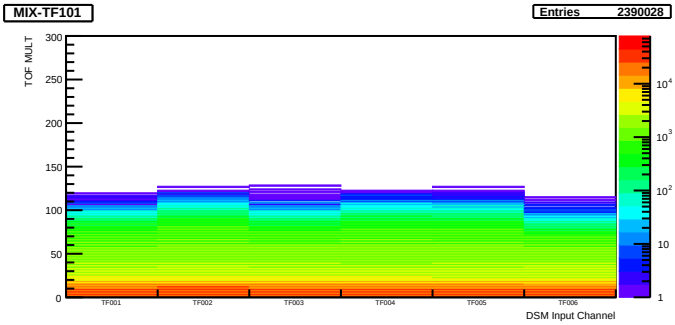

MIX-TF002
Entries 8365098
TOF MULT
TOF tray

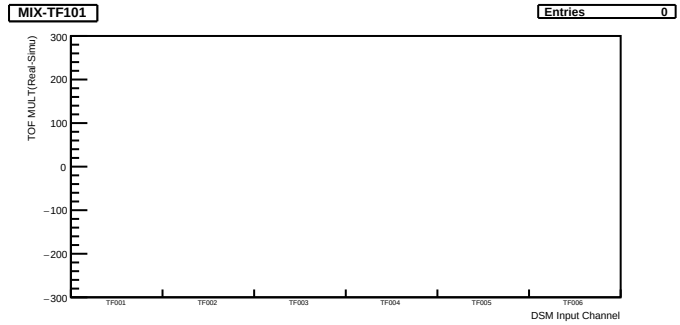

MIX-TF003
Entries 8365098
TOF MULT
TOF tray

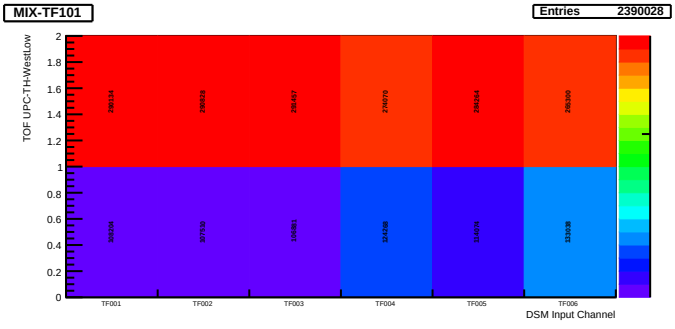

MIX-TF004
Entries 8365098
TOF MULT
TOF tray

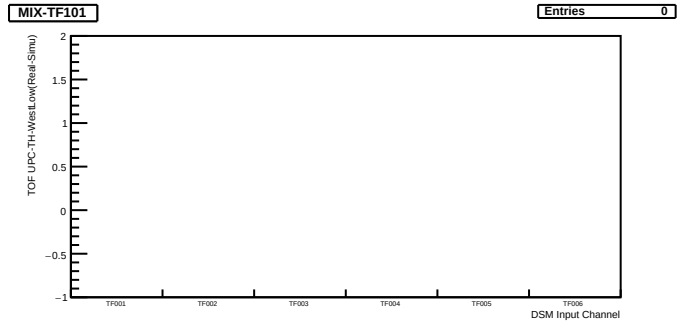

MIX-TF005
Entries 8365098
TOF MULT
TOF tray

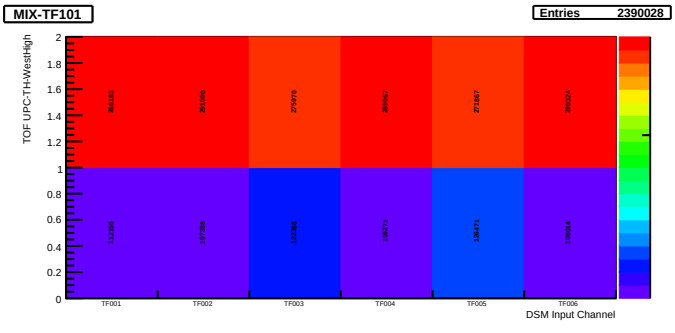

MIX-TF006
Entries 8365098
TOF MULT
TOF tray

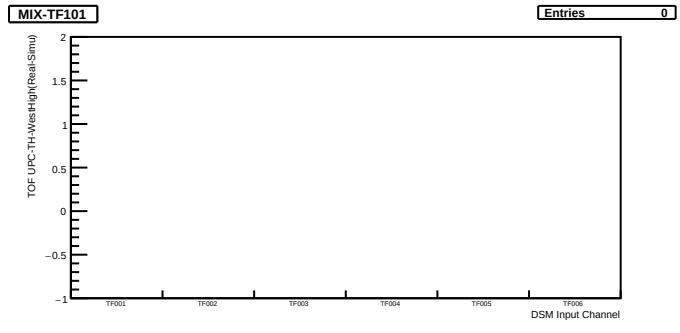

MIX-TF101
Entries 2390028
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

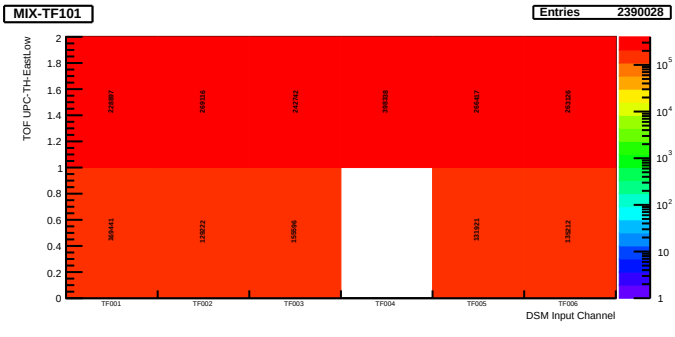

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

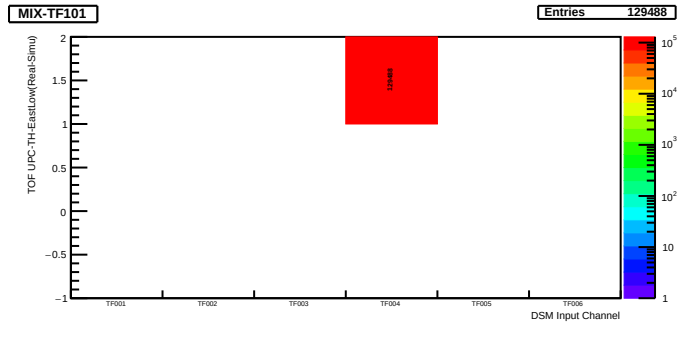

MIX-TF101
Entries 2390028
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

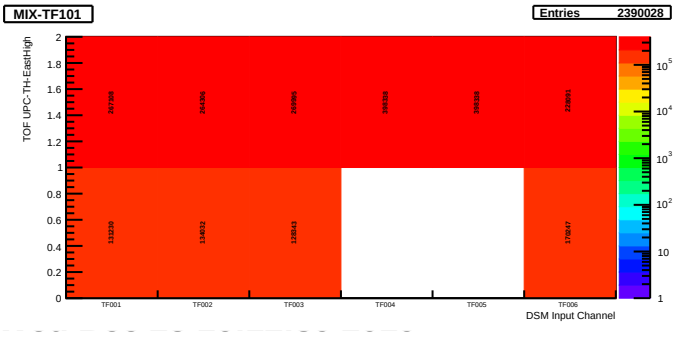

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

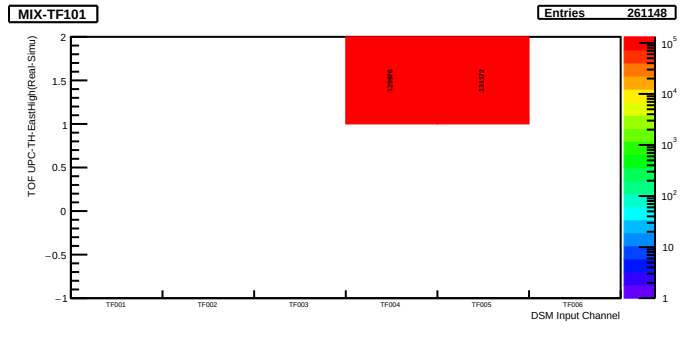

MIX-TF101
Entries 2390028
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

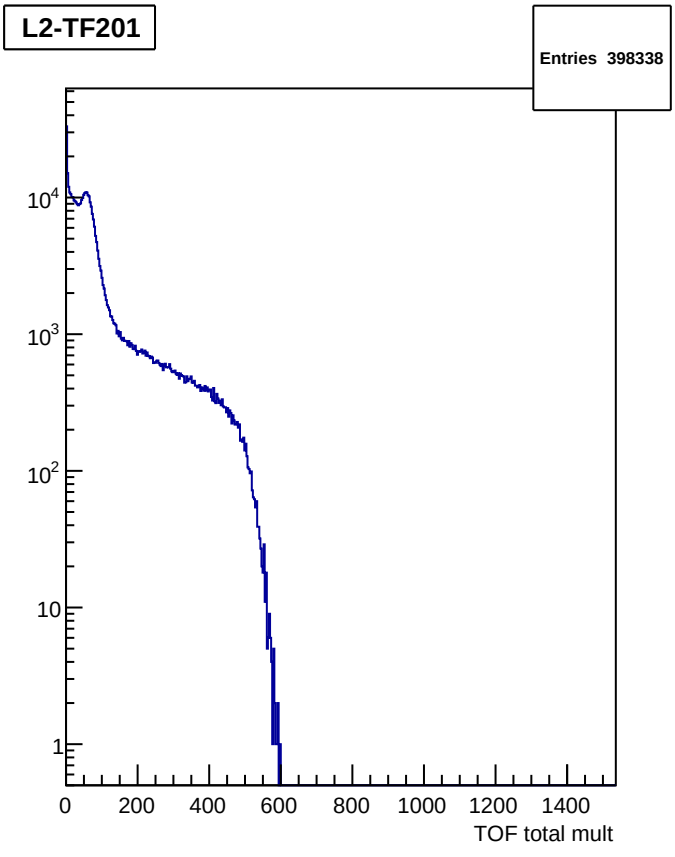

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

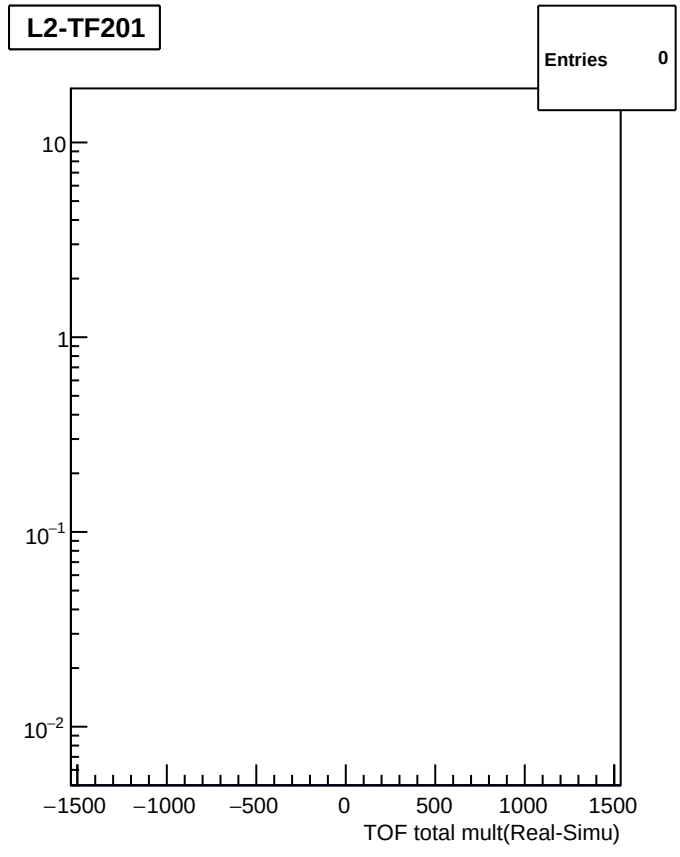

MIX-TF101
Entries 2390028
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

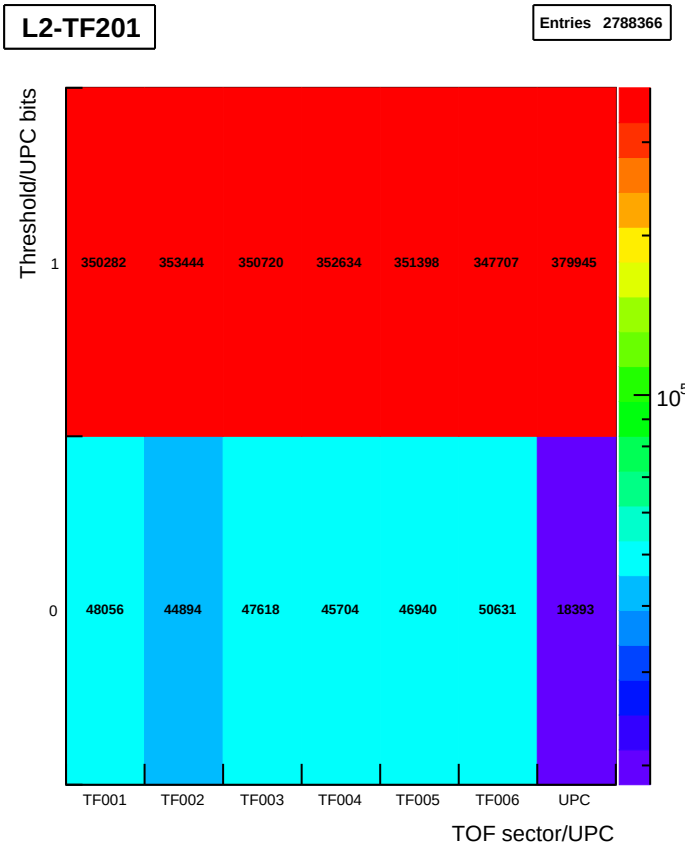

MIX-TF101
Entries 129488
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

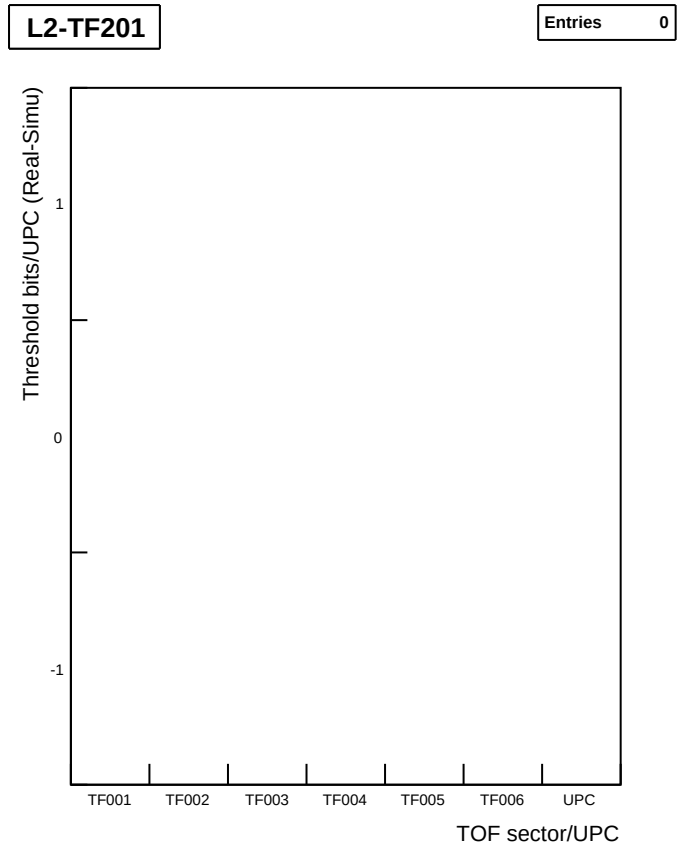

MIX-TF101
Entries 2390028
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

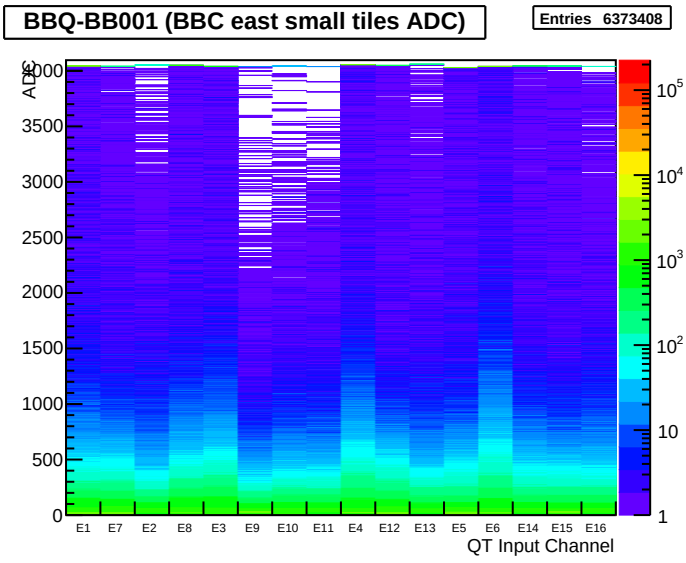

MIX-TF101
Entries 261148
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

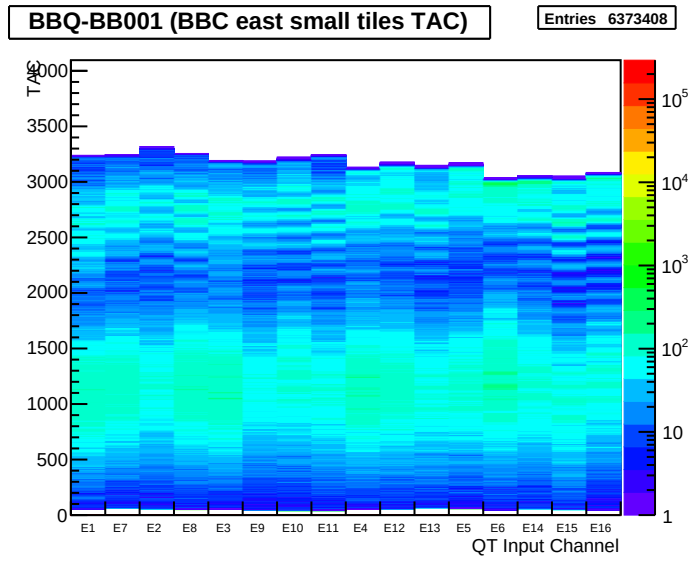

L2-TF201
Entries 398338
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

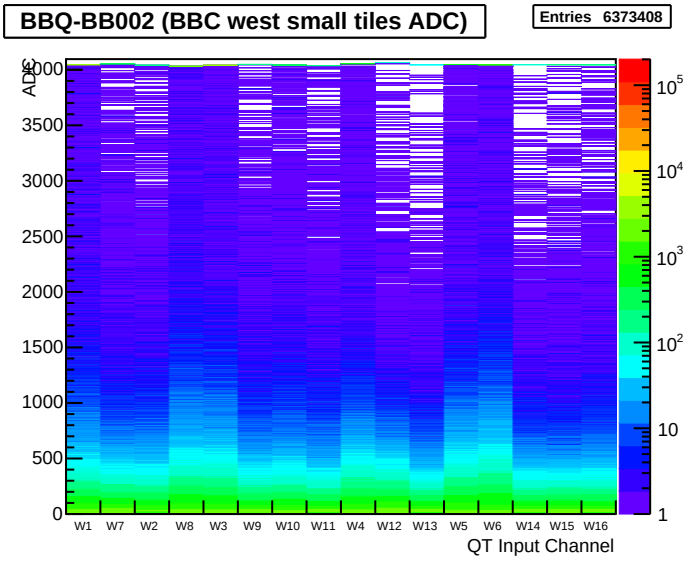

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

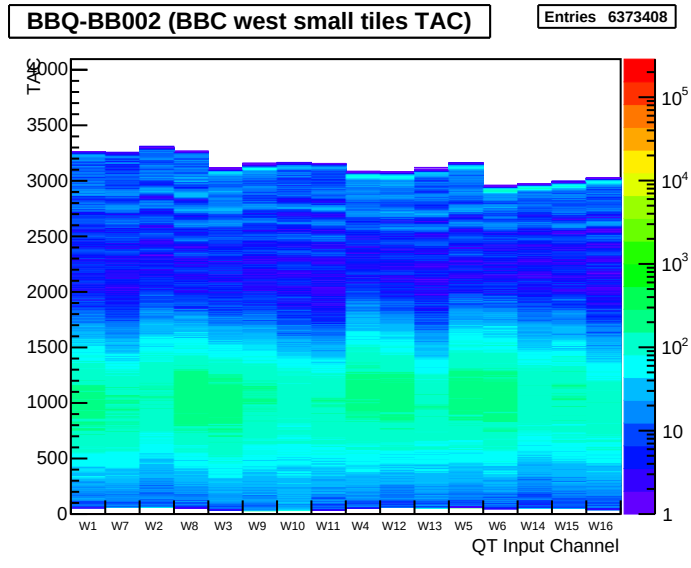

L2-TF201
Entries 2788366
Threshold/UPC bits
1
0
350282
353444
350720
352634
351398
347707
379945
48056
44894
47618
45704
46940
50631
18393
10^5
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

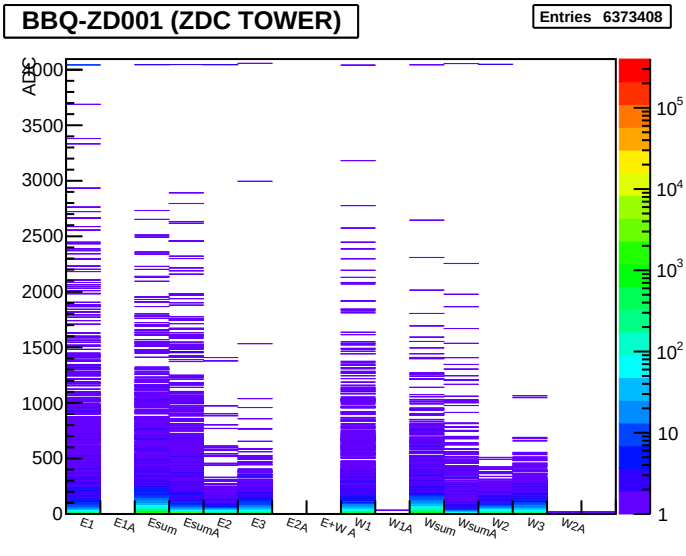

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

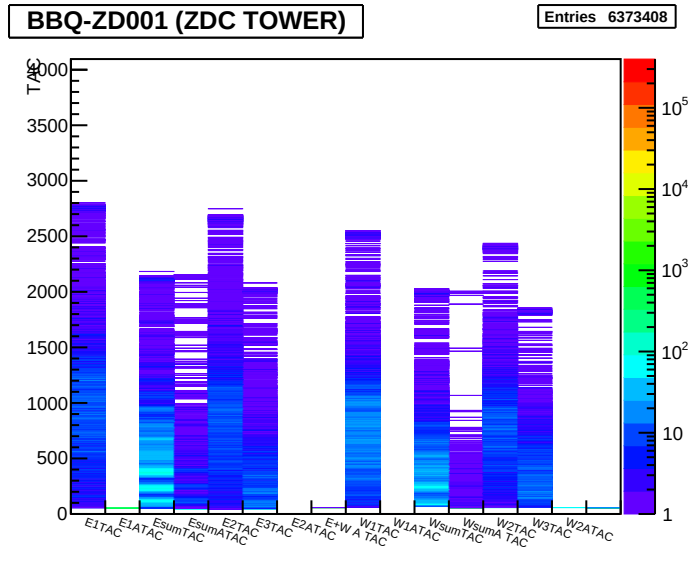

BBQ-BB001 (BBC east small tiles ADC)
Entries 6373408
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

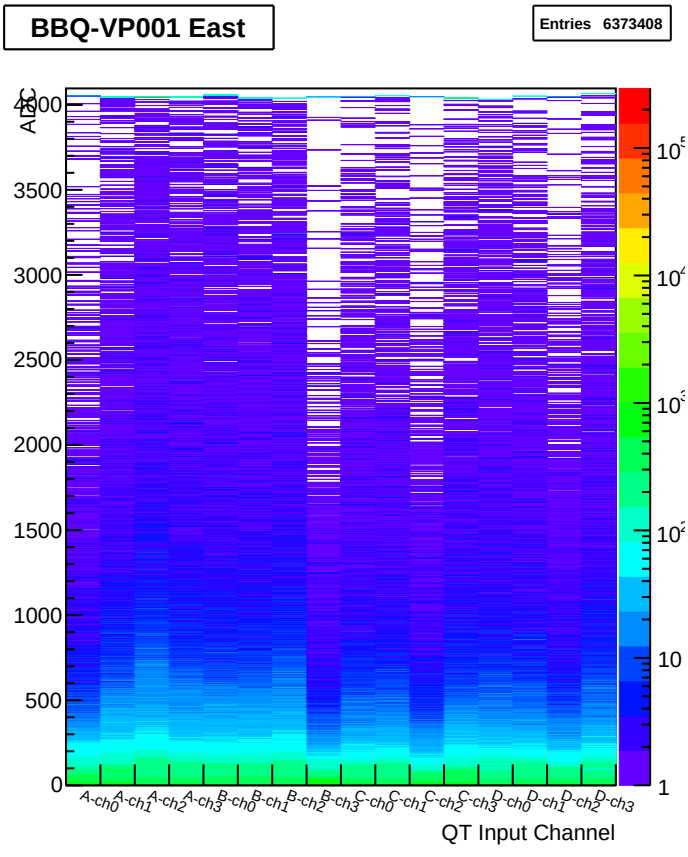

BBQ-BB001 (BBC east small tiles TAC)
Entries 6373408
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

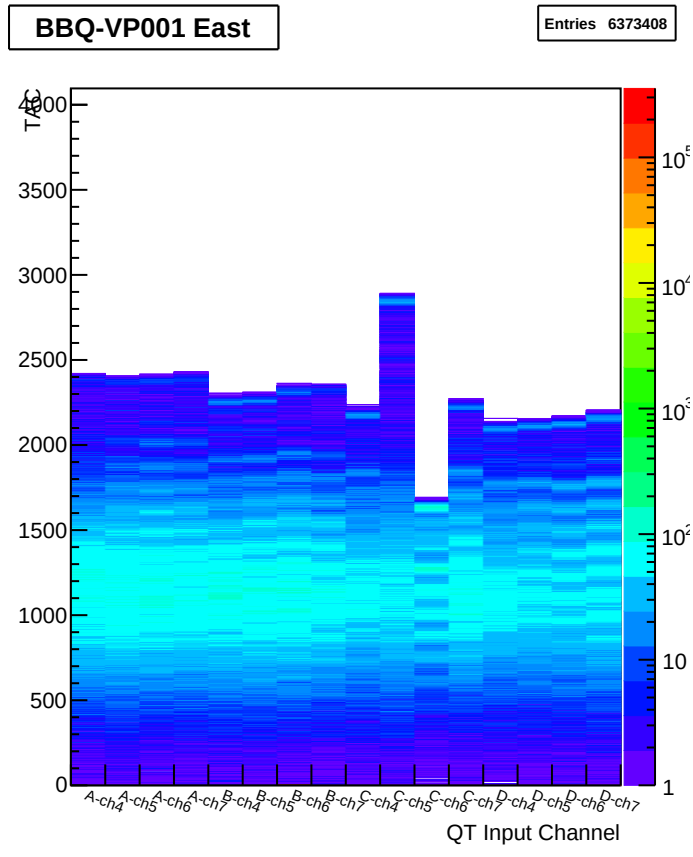

BBQ-BB002 (BBC west small tiles ADC)
Entries 6373408
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

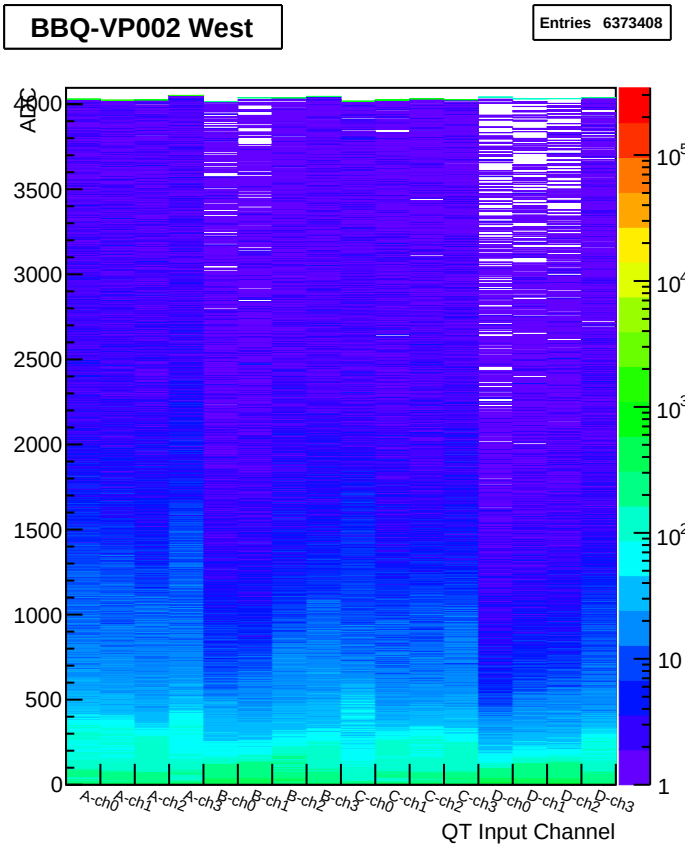

BBQ-BB002 (BBC west small tiles TAC)
Entries 6373408
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

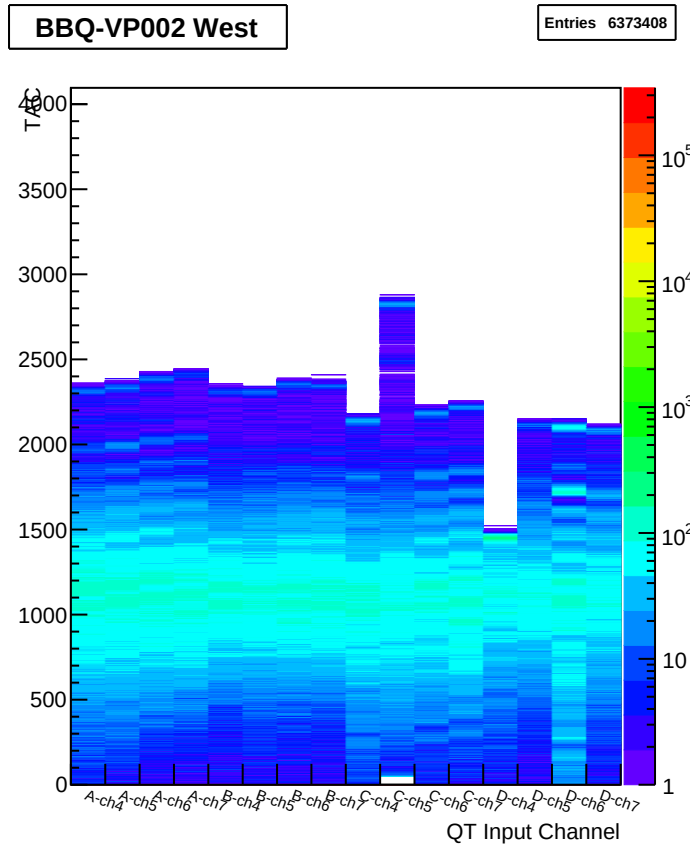

BBQ-ZD001 (ZDC TOWER)
Entries 6373408
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

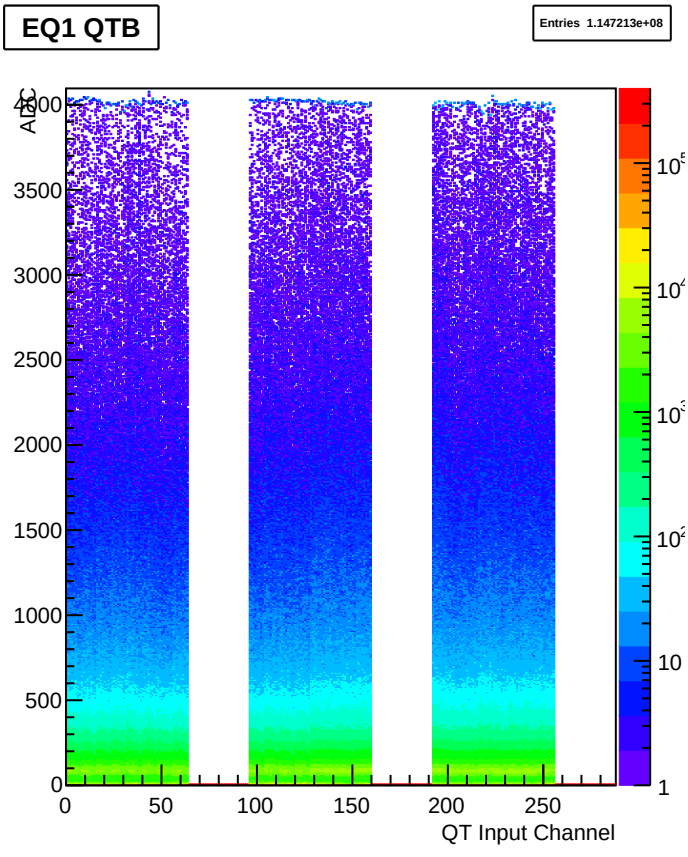

BBQ-ZD001 (ZDC TOWER)
Entries 6373408
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

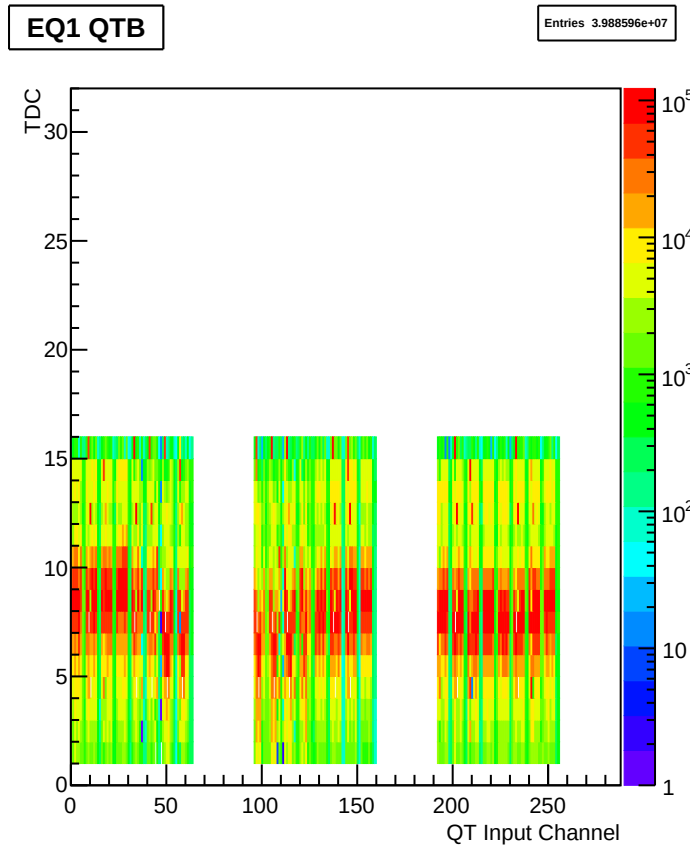

BBQ-VP001 East
Entries 6373408
ADC
QT Input Channel

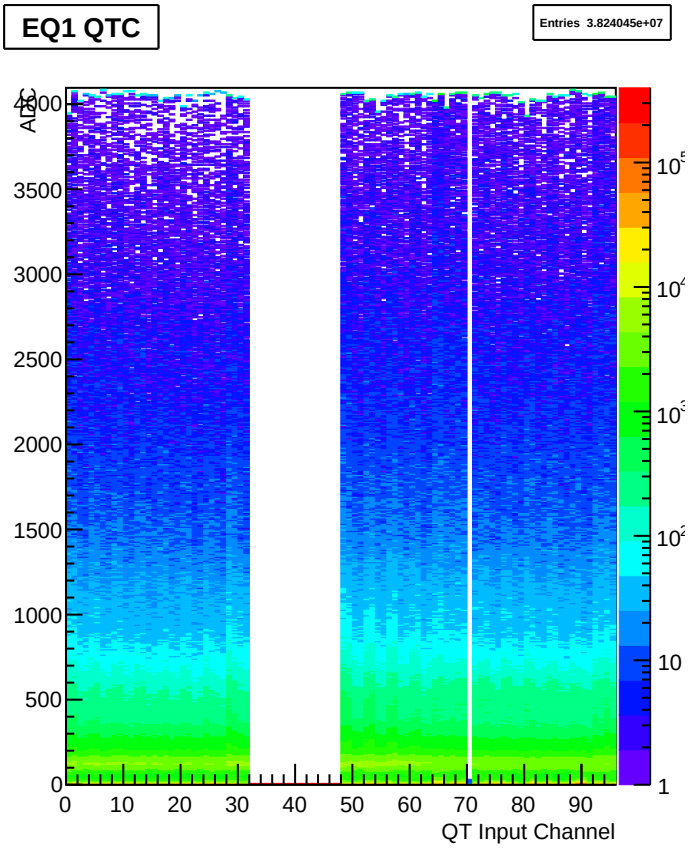

BBQ-VP001 East
Entries 6373408
TADC
QT Input Channel

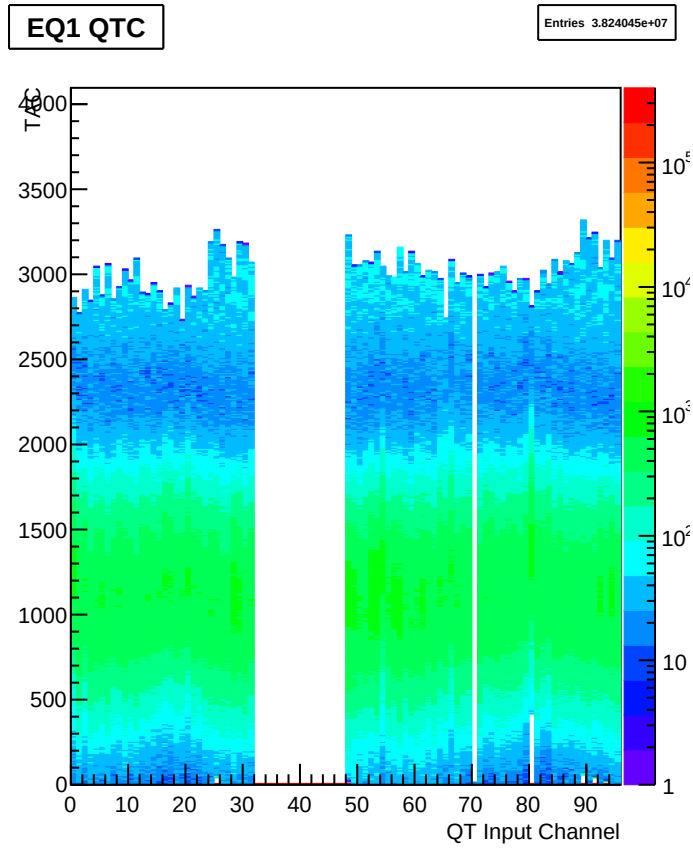

BBQ-VP002 West
Entries 6373408
ADC
QT Input Channel

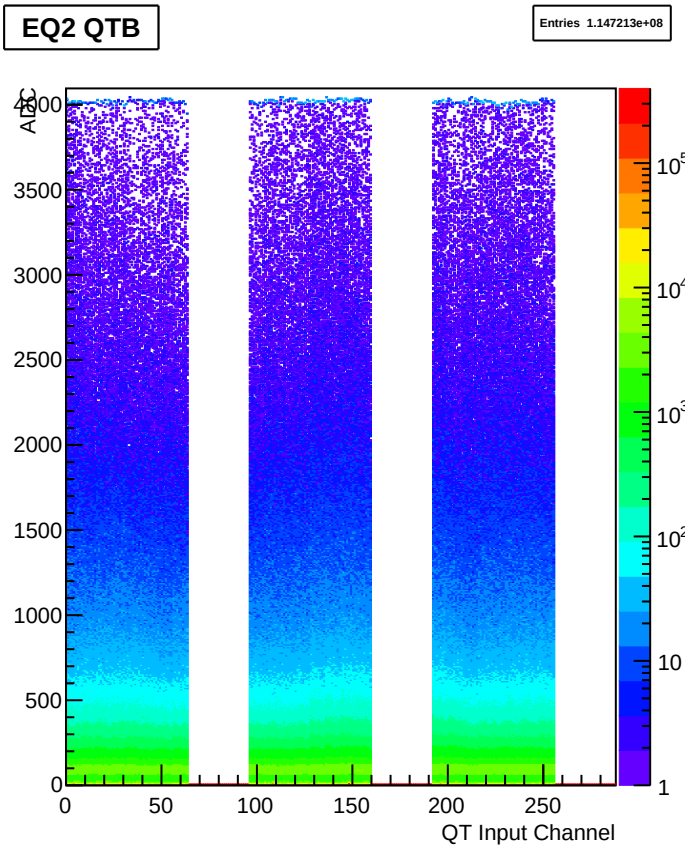

BBQ-VP002 West
Entries 6373408
TADC
QT Input Channel

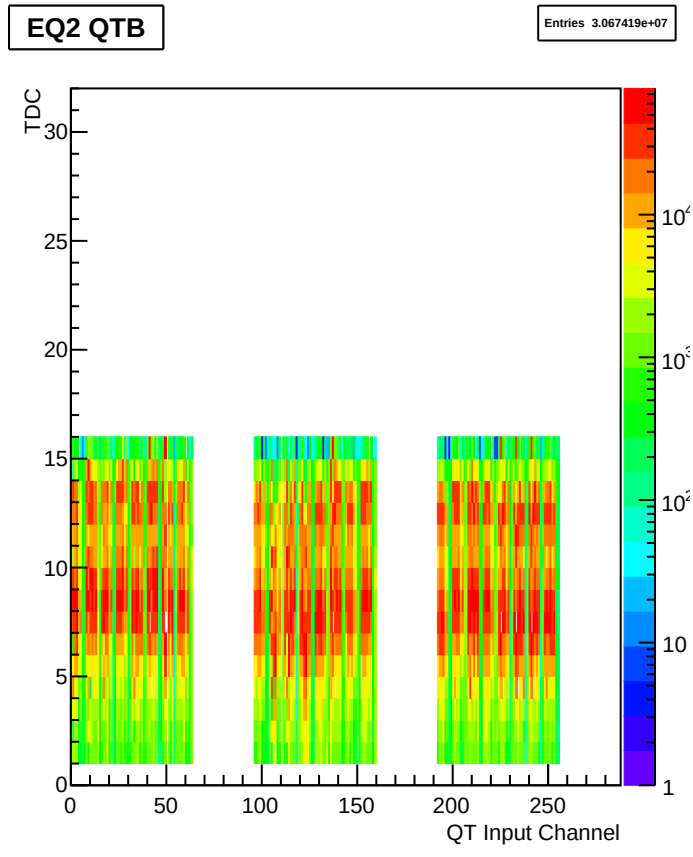

EQ1 QTB
Entries 1.147213e+08
ADC
QT Input Channel

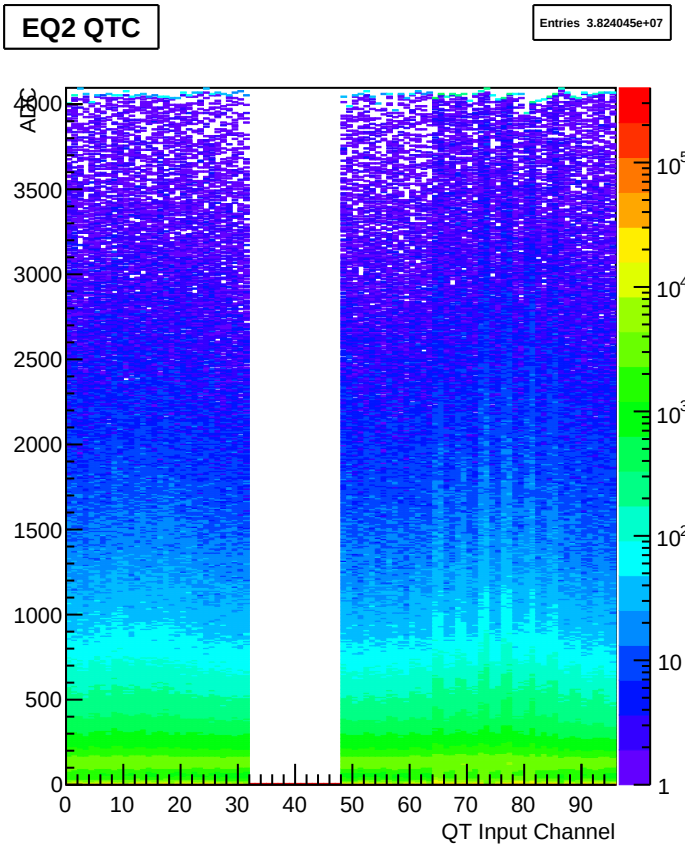

EQ1 QTB
Entries 3.988596e+07
TDC
QT Input Channel

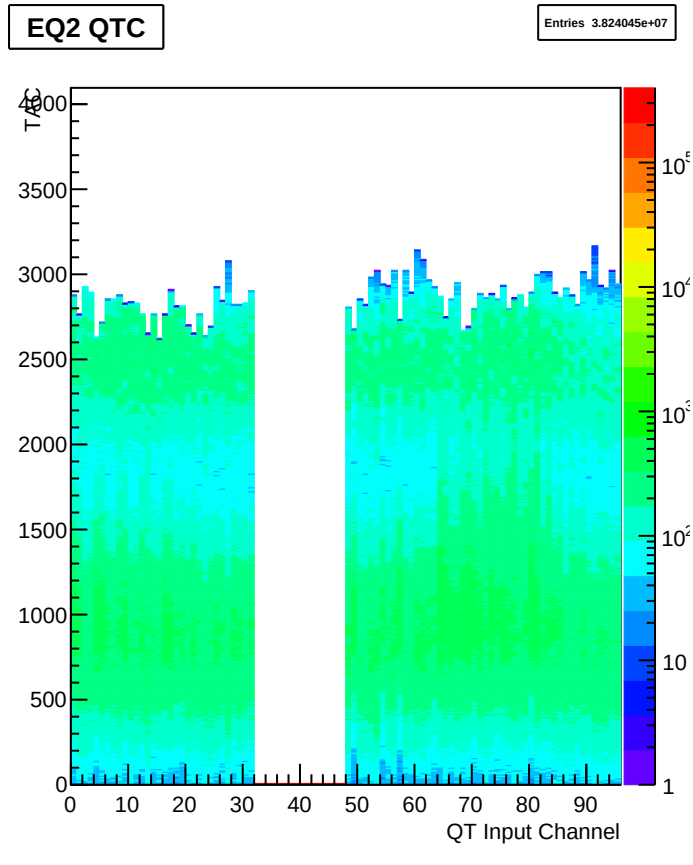

EQ1 QTC
Entries 3.824045e+07
ADC
QT Input Channel

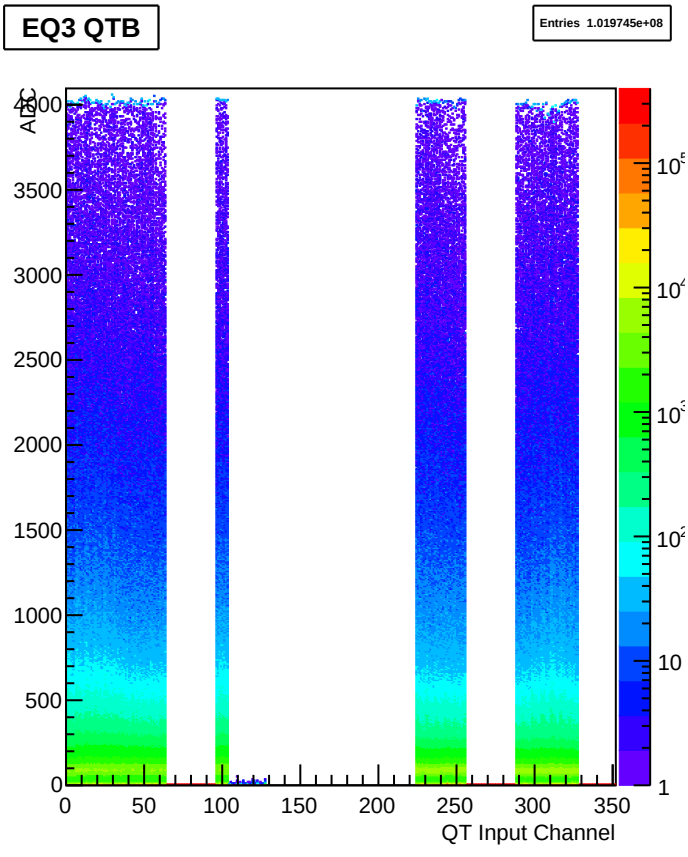

EQ1 QTC
Entries 3.824045e+07
TADC
QT Input Channel

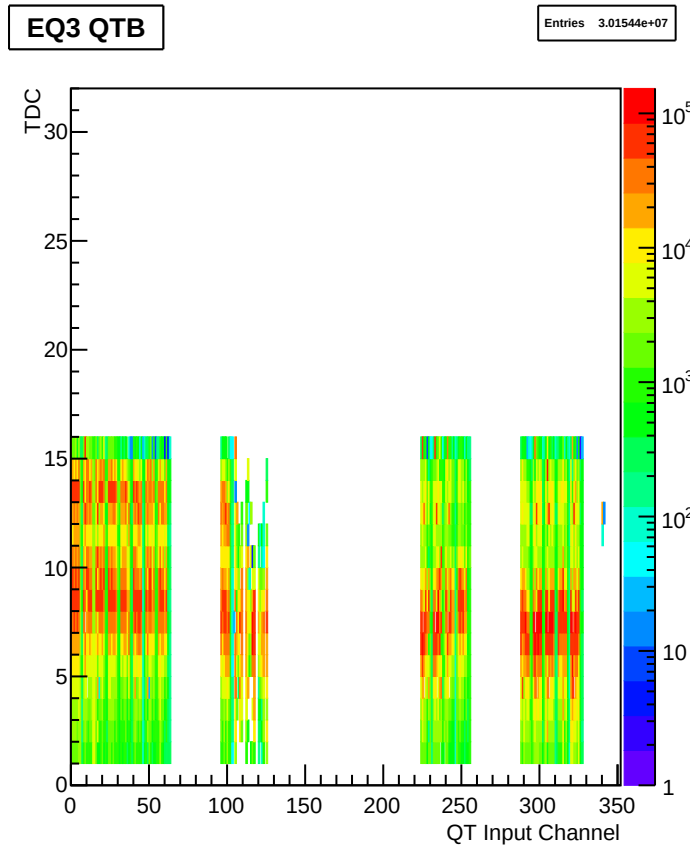

EQ2 QTB
Entries 1.147213e+08
ADC
QT Input Channel

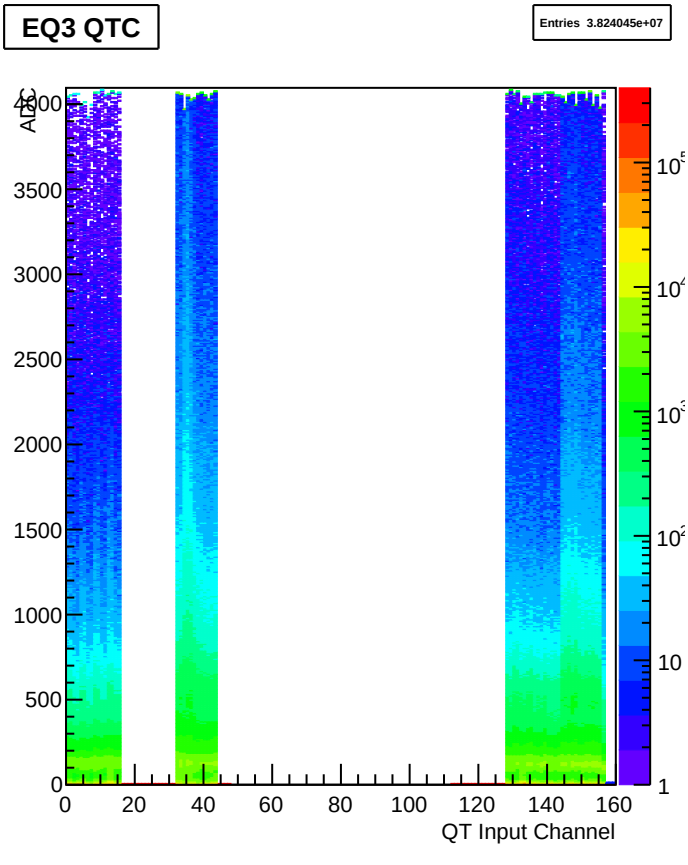

EQ2 QTB
Entries 3.067419e+07
TDC
QT Input Channel

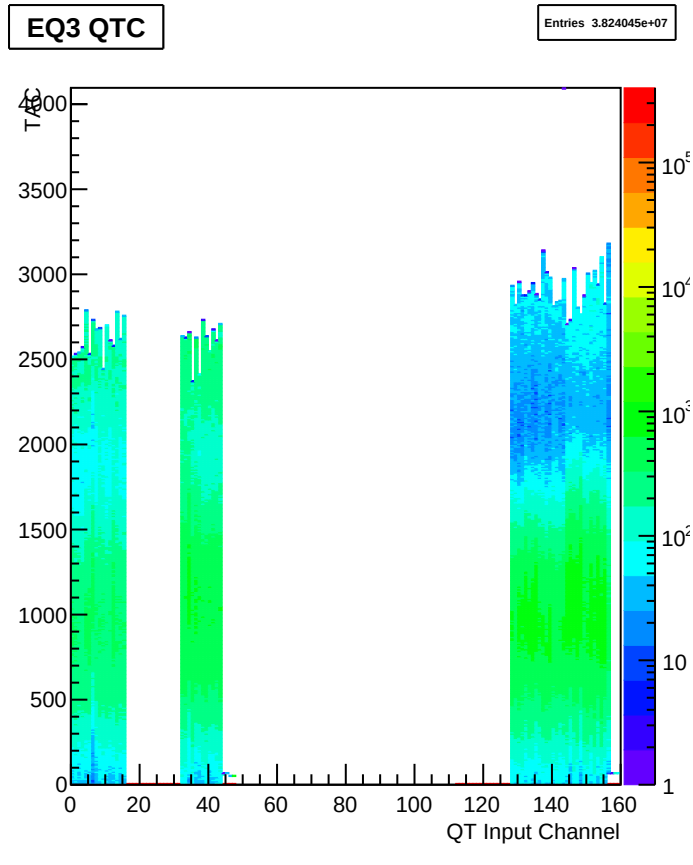

EQ2 QTC
Entries 3.824045e+07
ADC
QT Input Channel

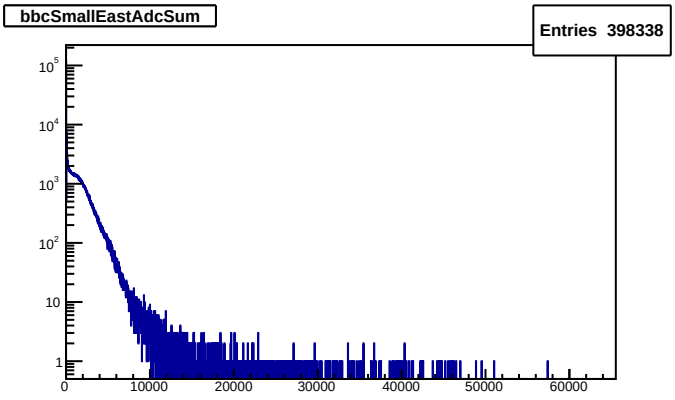

EQ2 QTC
Entries 3.824045e+07
TADC
QT Input Channel

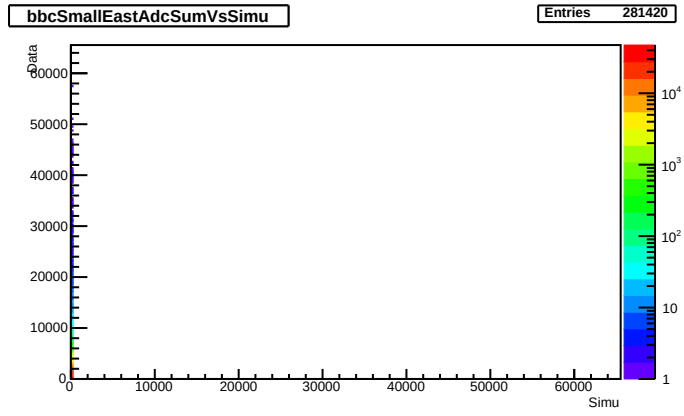

EQ3 QTB
Entries 1.019745e+08
ADC
QT Input Channel

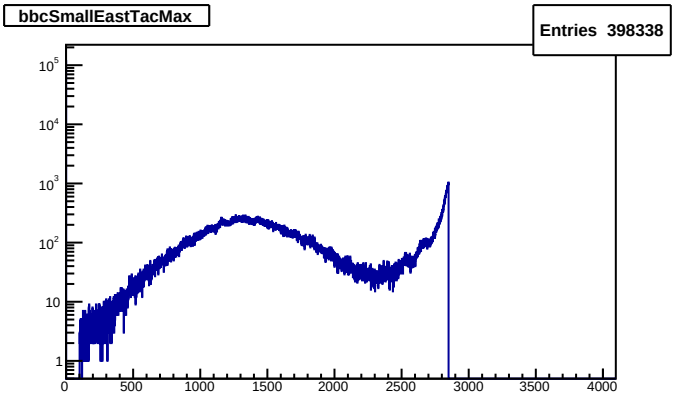

EQ3 QTB
Entries 3.01544e+07
TDC
QT Input Channel

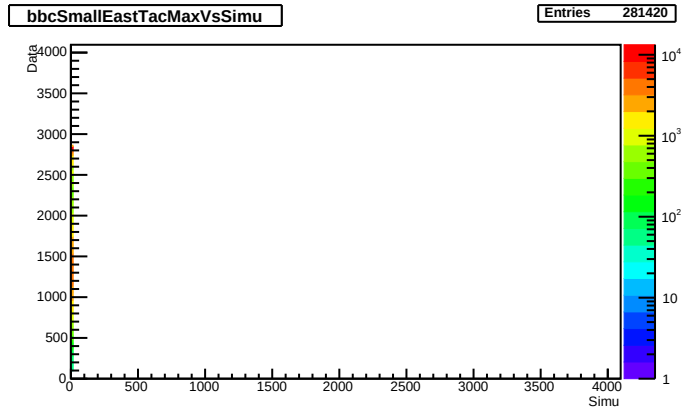

EQ3 QTC
Entries 3.824045e+07
ADC
QT Input Channel

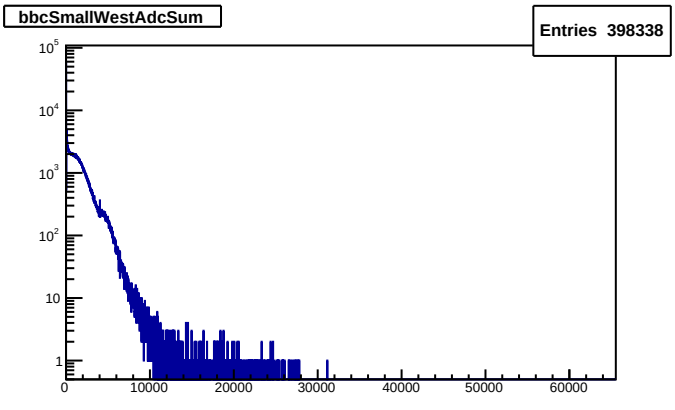

EQ3 QTC
Entries 3.824045e+07
TADC
QT Input Channel

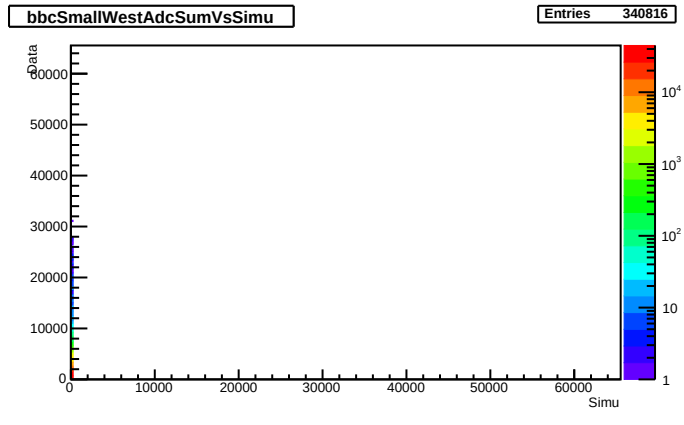

bbcSmallEastAdcSum
Entries 398338


bbcSmallEastAdcSumVsSimu
Entries 281420
Data
Simu


bbcSmallEastTacMax
Entries 398338


bbcSmallEastTacMaxVsSimu
Entries 281420
Data
Simu


bbcSmallWestAdcSum
Entries 398338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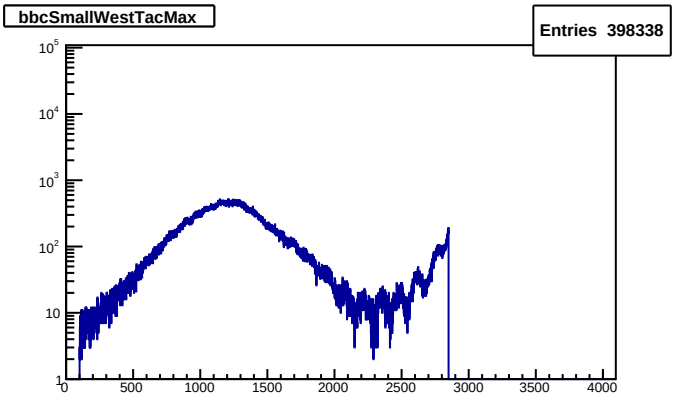
Entries 340816
Data
Simu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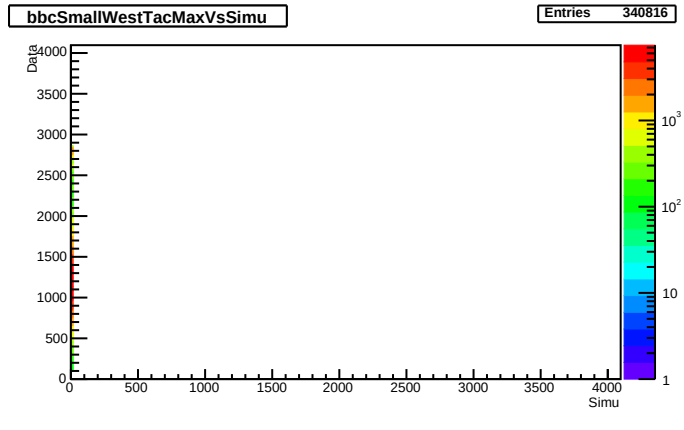
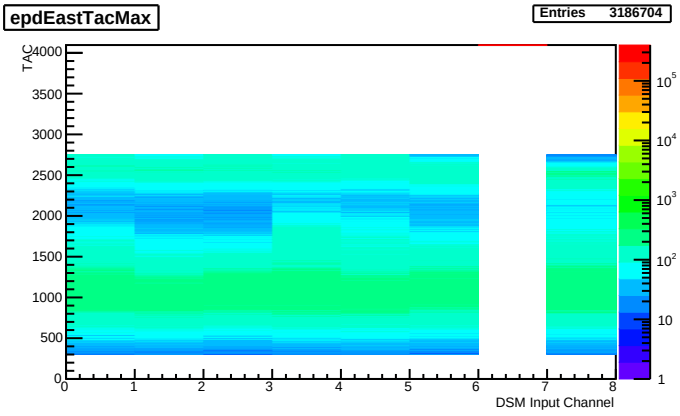
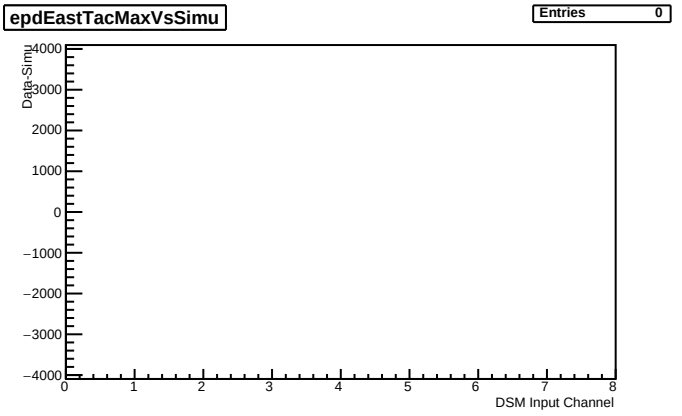
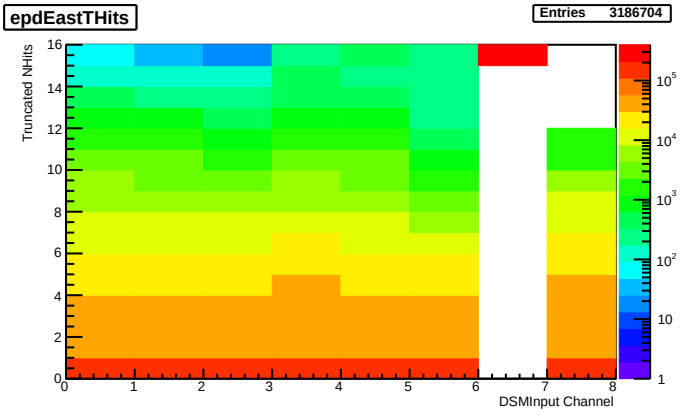
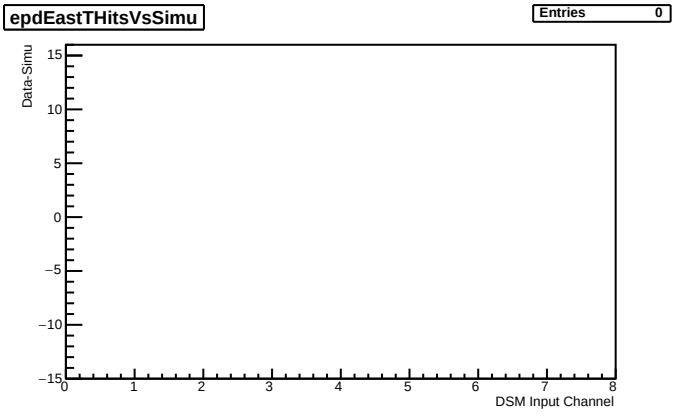
Entries 398338


bbcSmallWestTacMaxVsSimu
Entries 340816
Data
Simu


epdEastTacMax
Entries 3186704
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3186704
Truncated NHits
DSMInput Channel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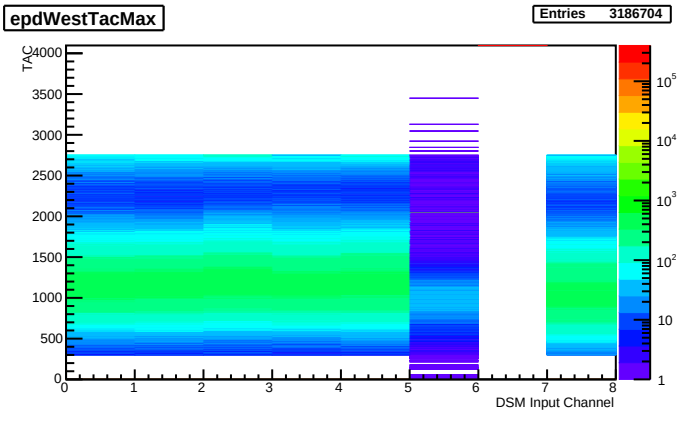
Data-Simu
DSM Input Channel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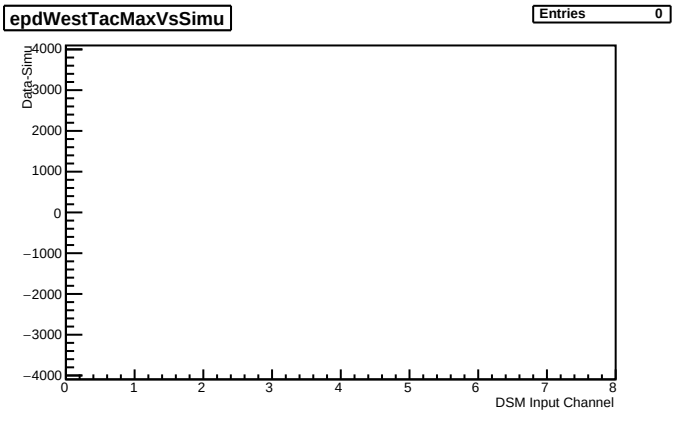
Entries 3186704
TAC
DSM Input Channel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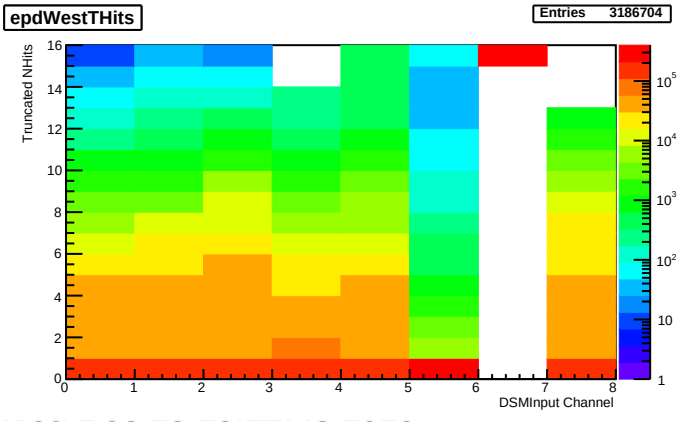
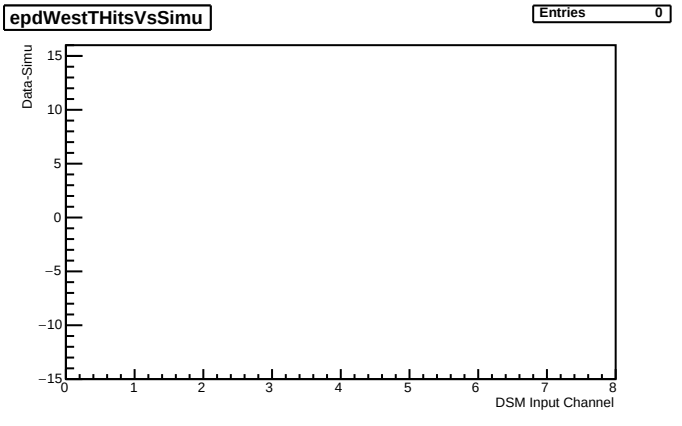
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3186704
Truncated NHits
DSMInput Channel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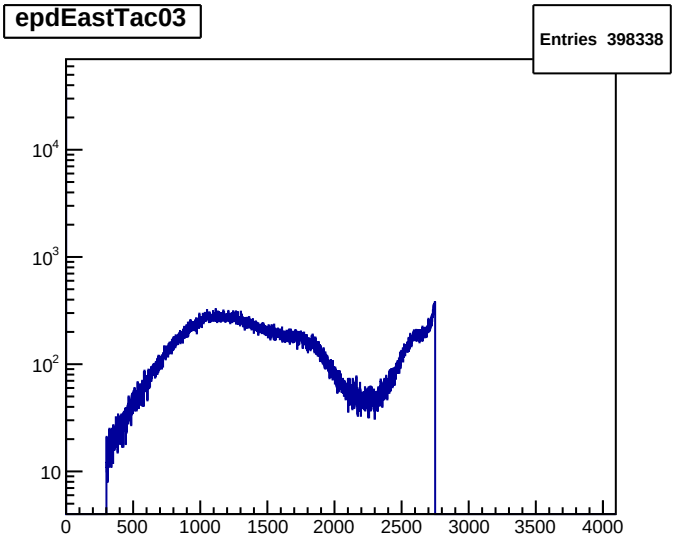
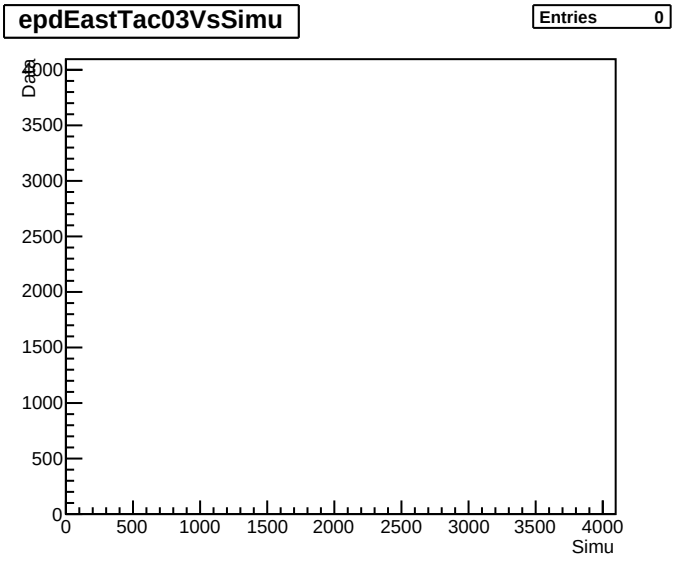
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 398338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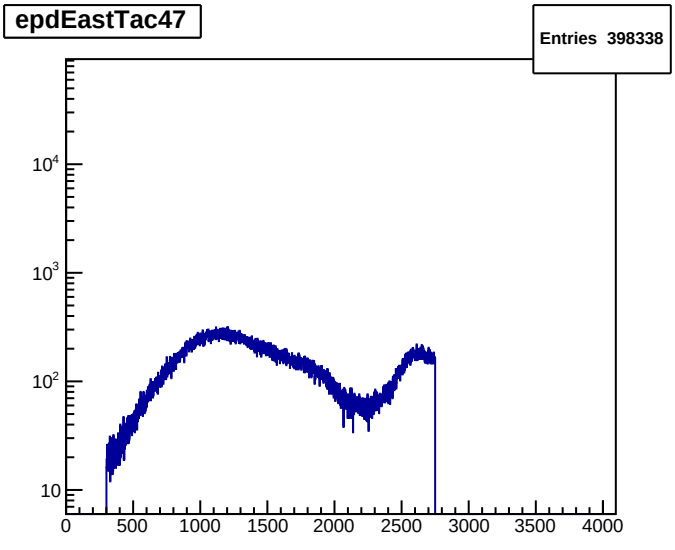
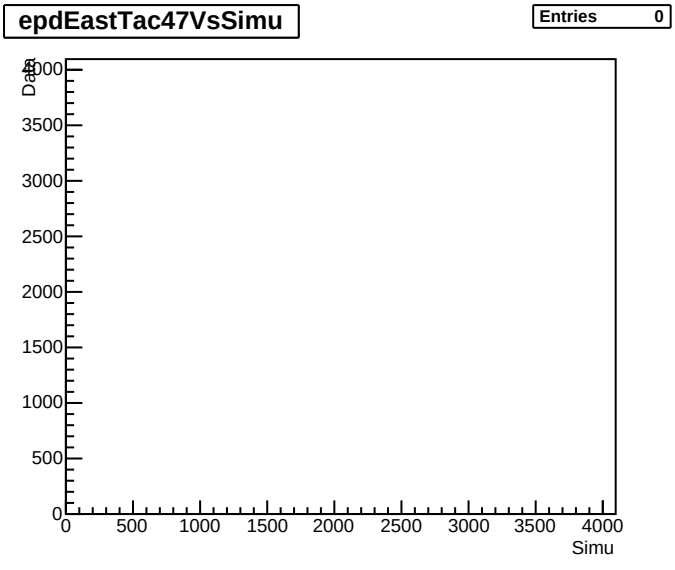
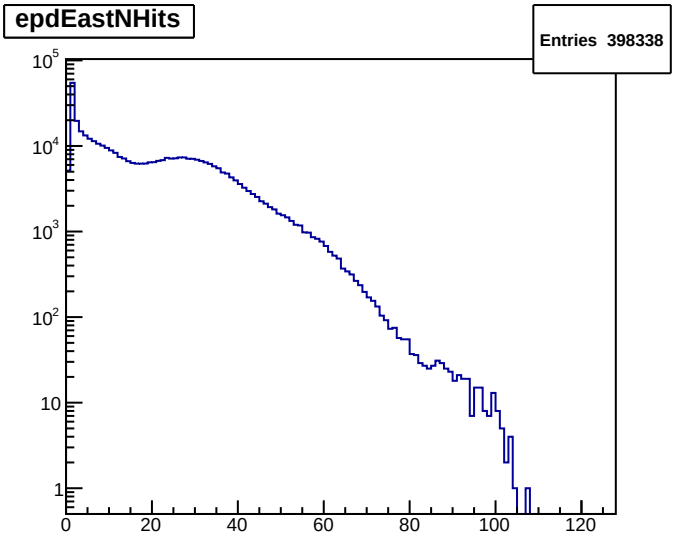
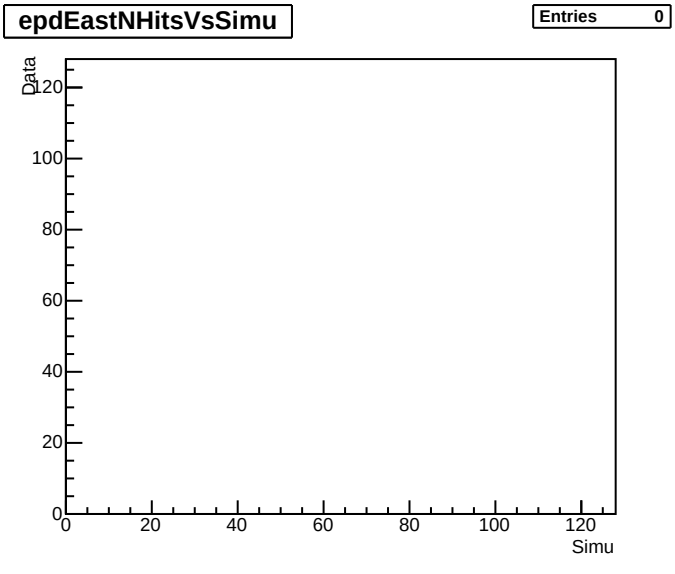
Entries 0
Data
Simu


epdEastTac47
Entries 398338


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 398338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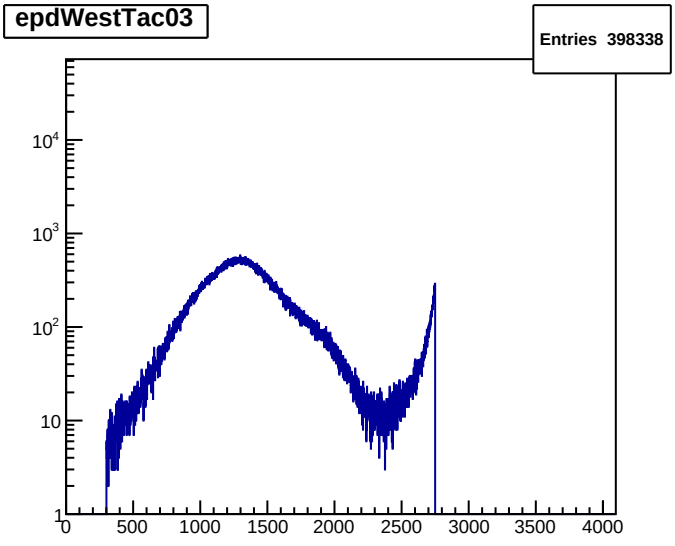
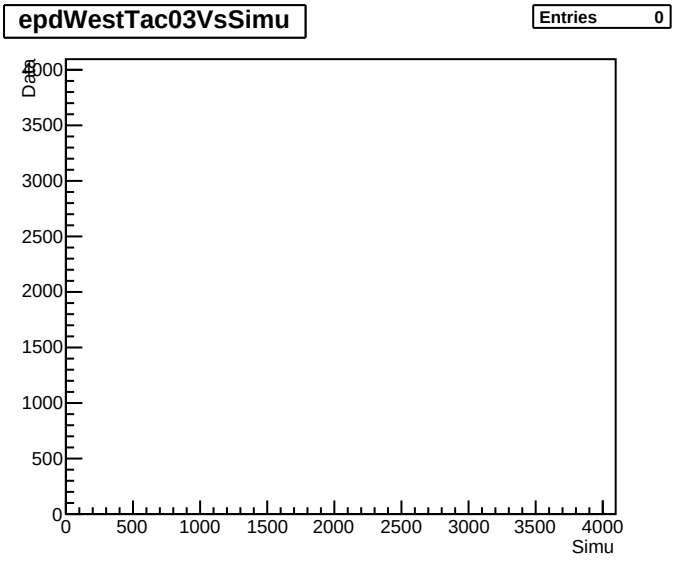
Entries 0
Data
Simu


epdWestTac03
Entries 398338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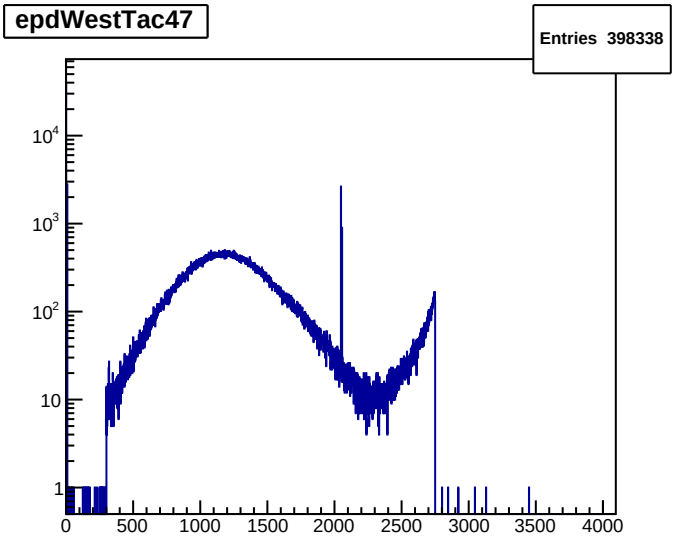
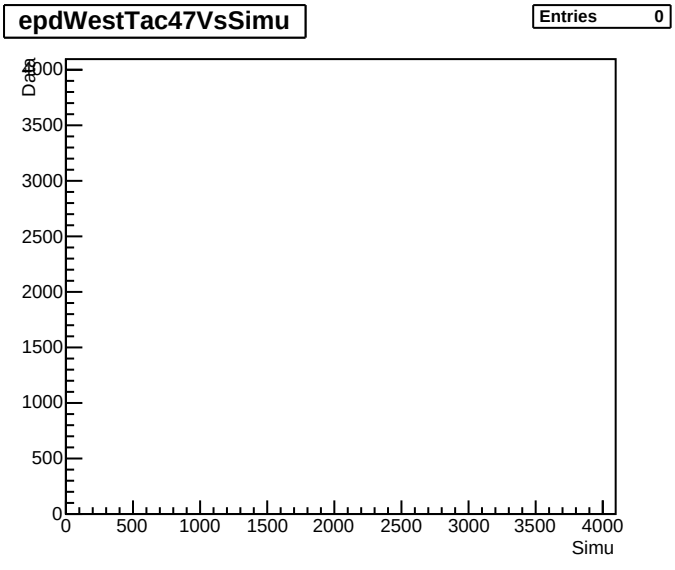
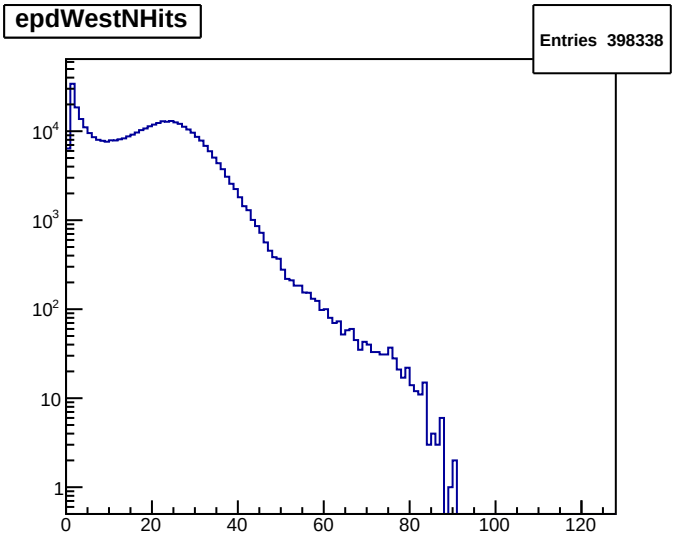
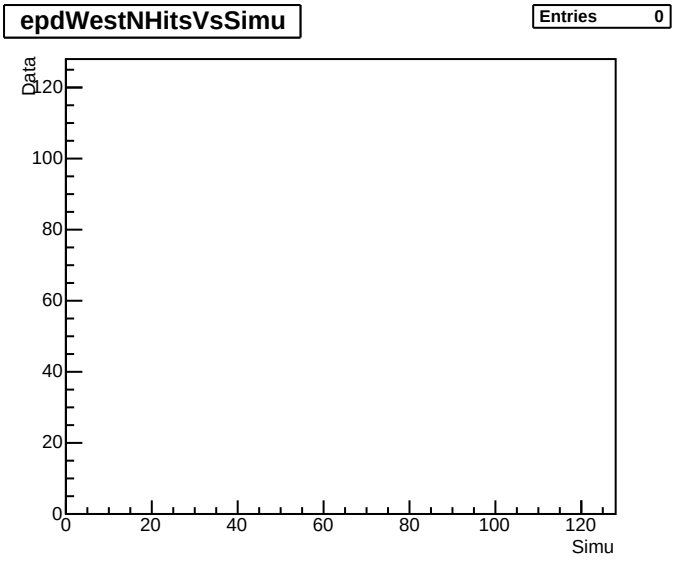
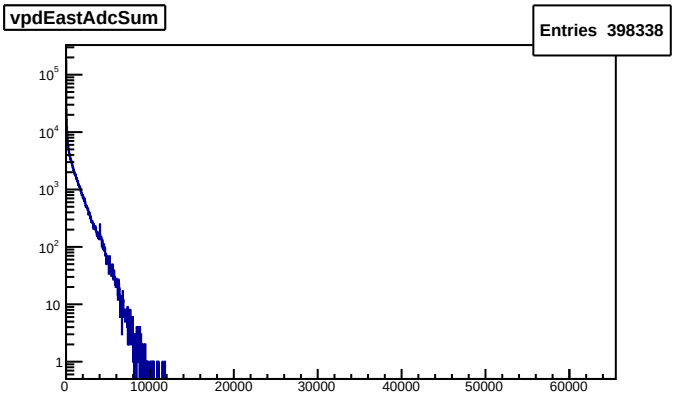
Entries 0
Data
Simu

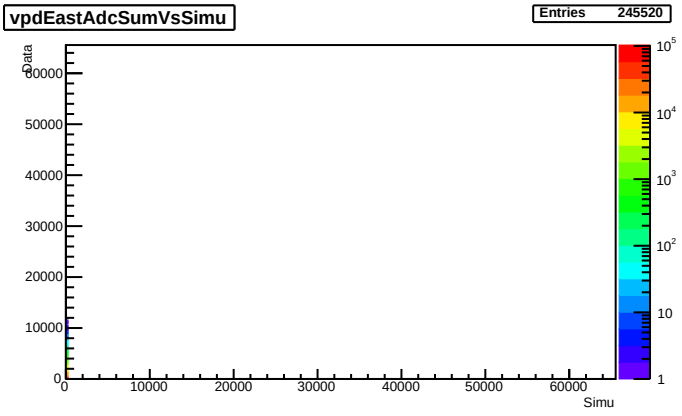

epdWestTac47
Entries 398338

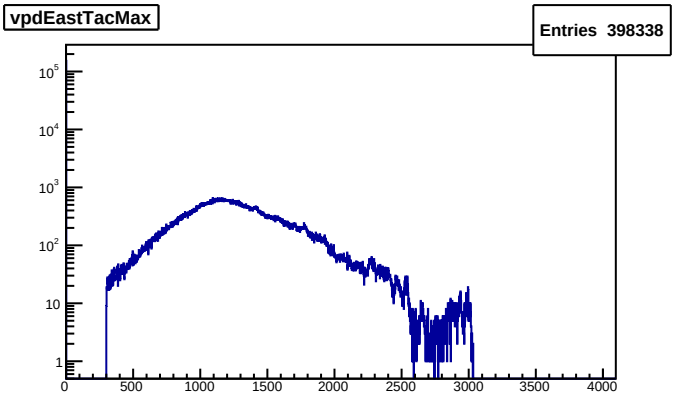

epdWestTac47VsSimu
Entries 0
Data
Simu

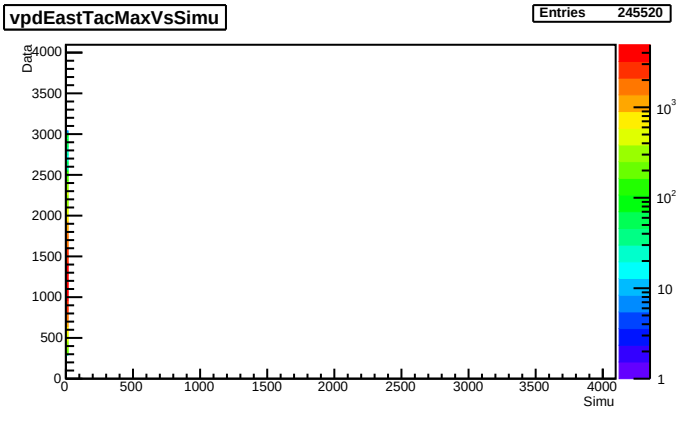

epdWestNHits
Entries 398338

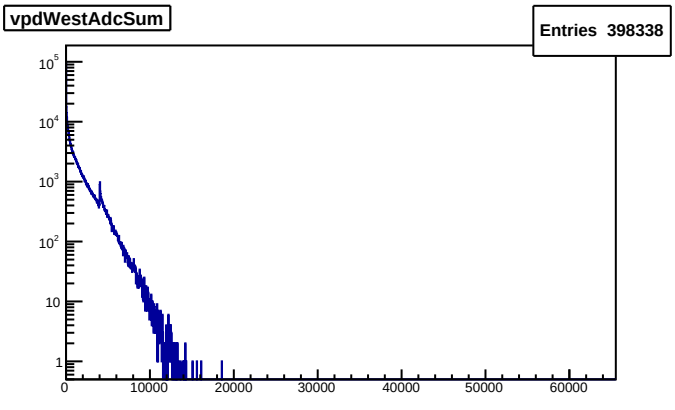

epdWestNHitsVsSimu
Entries 0
Data
Simu

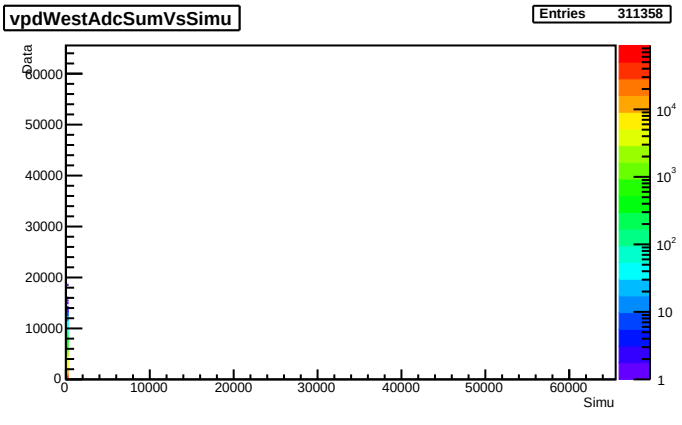

vpdEastAdcSum
Entries 398338

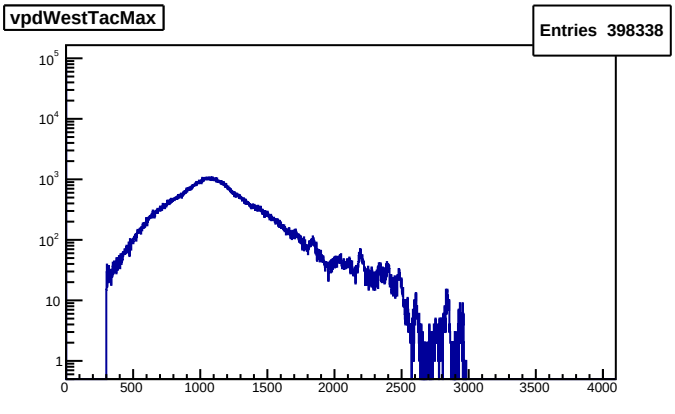

vpdEastAdcSumVsSimu
Entries 245520
Data
Simu

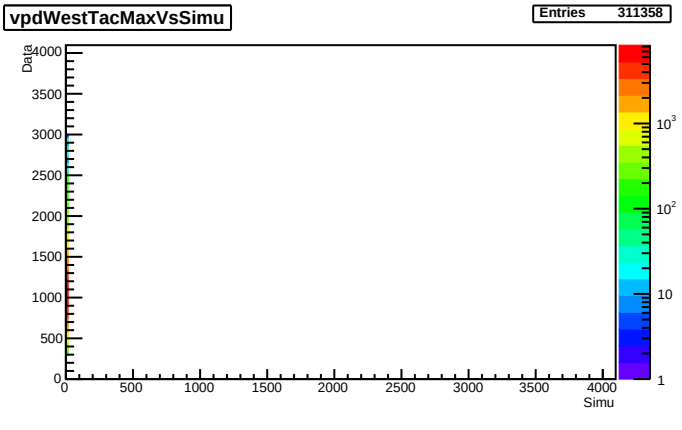

vpdEastTacMax
Entries 398338

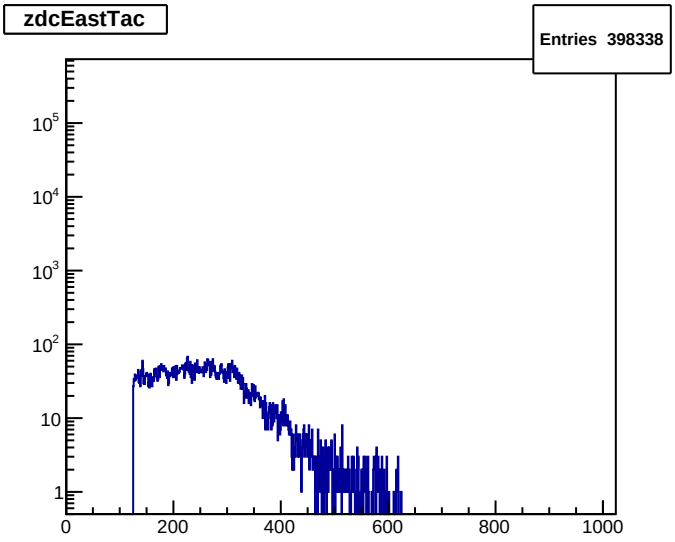

vpdEastTacMaxVsSimu
Entries 245520
Data
Simu

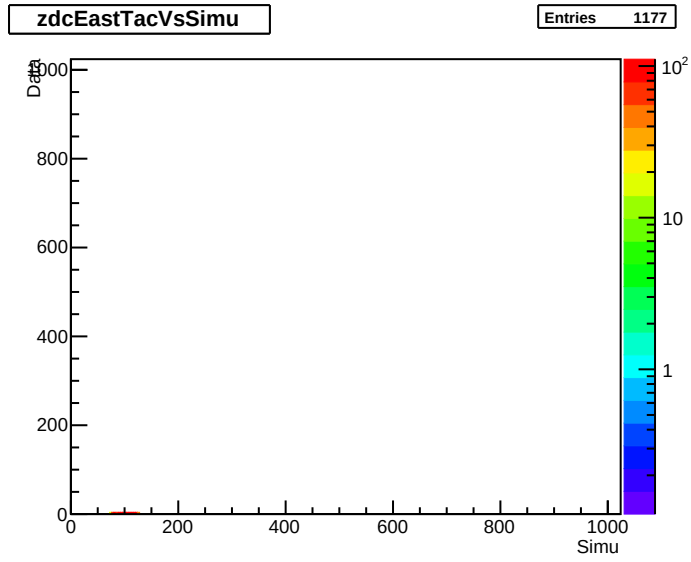

vpdWestAdcSum
Entries 398338

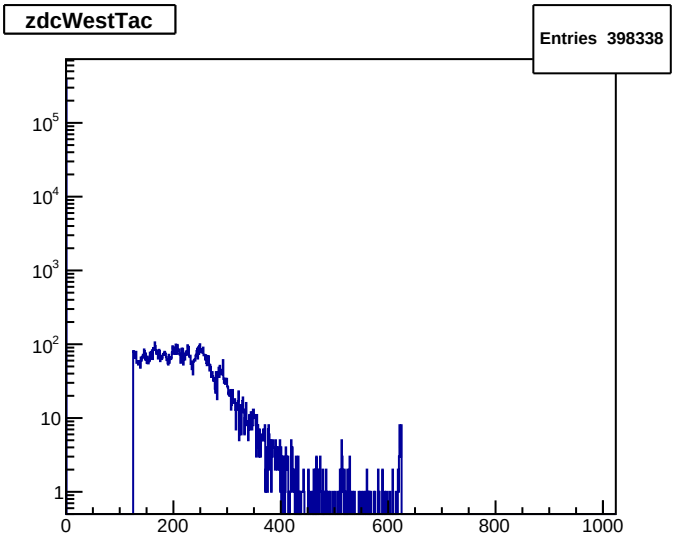

vpdWestAdcSumVsSimu
Entries 311358
Data
Simu

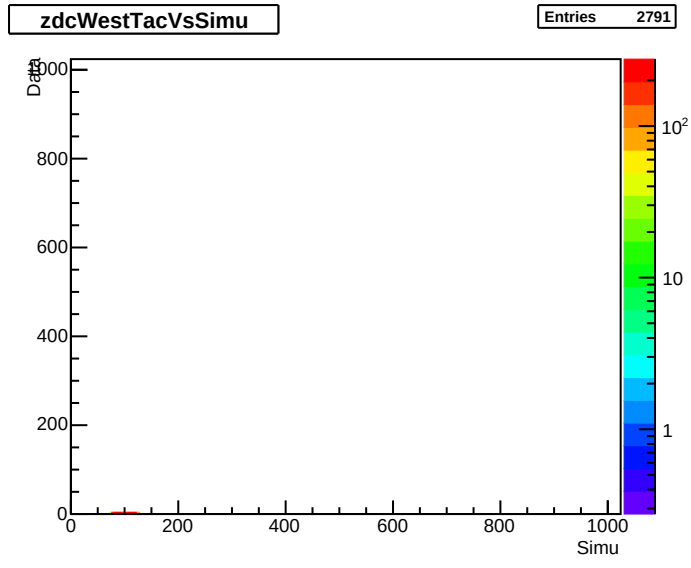

vpdWestTacMax
Entries 398338

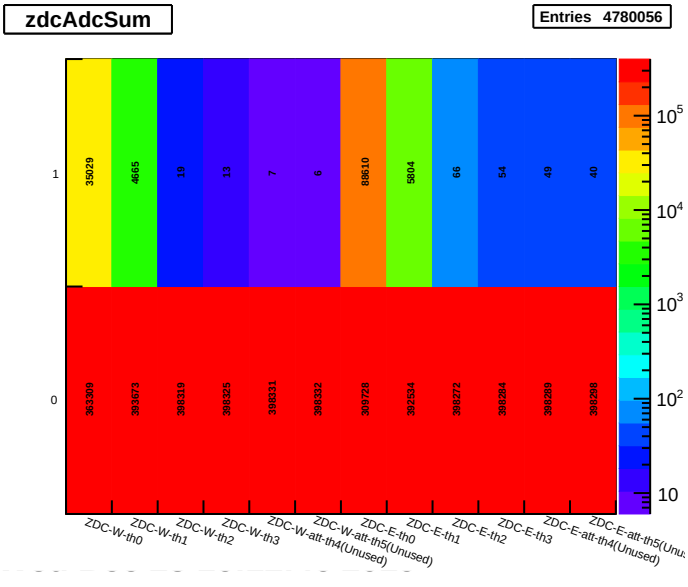

vpdWestTacMaxVsSimu
Entries 311358
Data
Simu

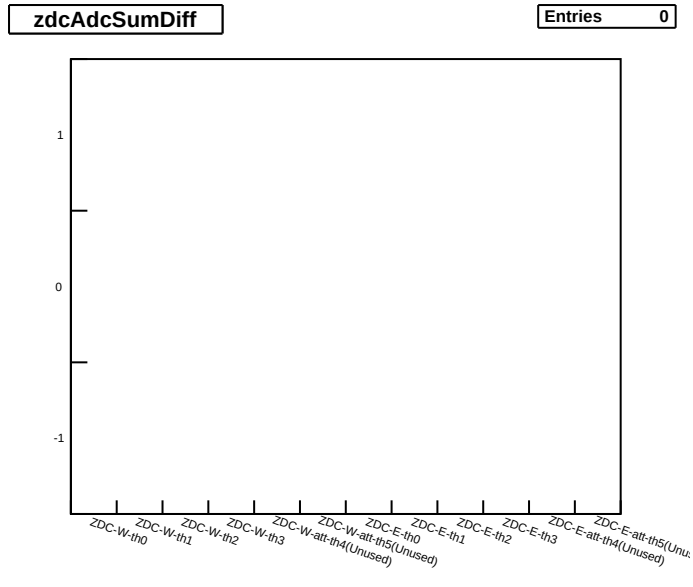

zdcEastTac
Entries 398338

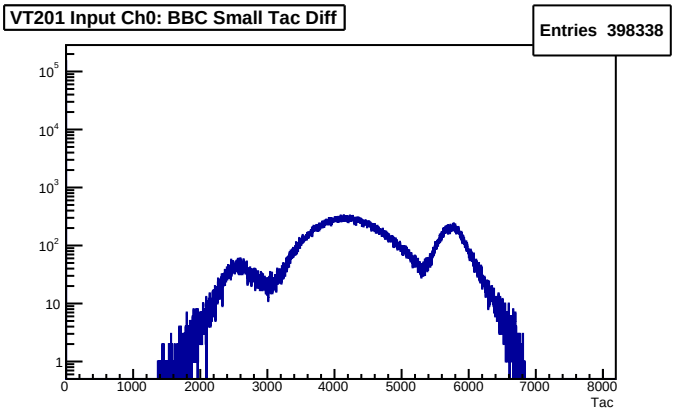

zdcEastTacVsSimu
Entries 1177
Data
Simu

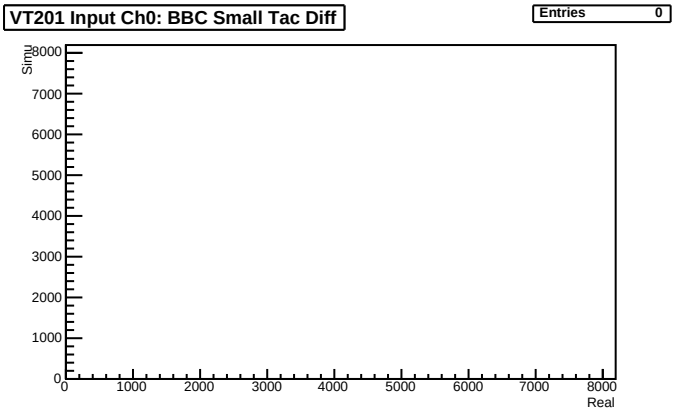

zdcWestTac
Entries 398338

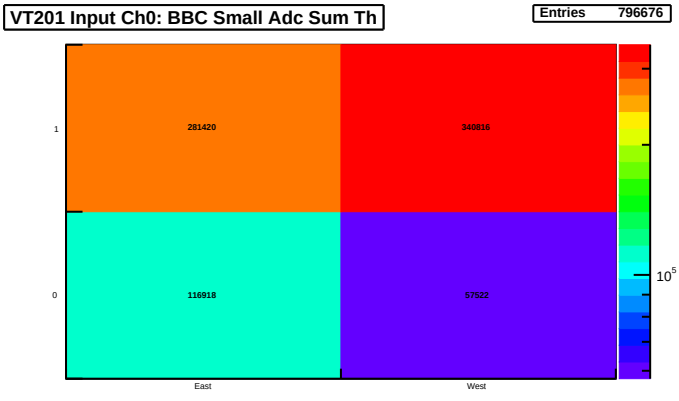

zdcWestTacVsSimu
Entries 2791
Data
Simu

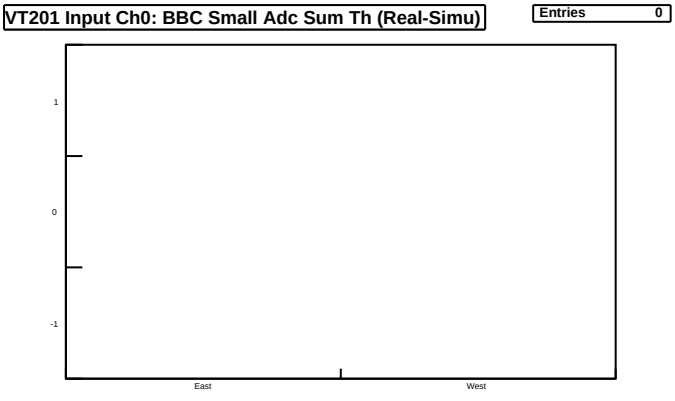

zdcAdcSum
Entries 4780056
35029
4665
19
13
7
6
88610
5804
66
54
49
40
363309
393673
398319
398325
398331
398332
309728
392534
398272
398284
398289
398298
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

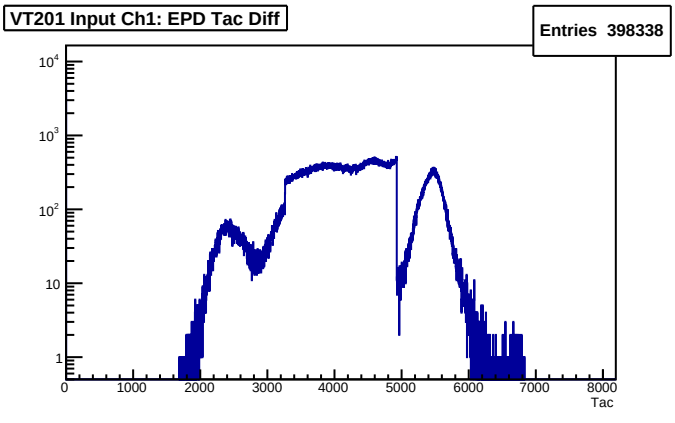

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

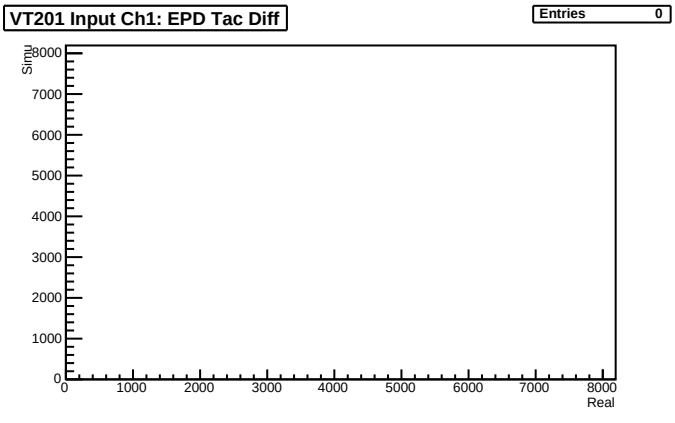

VT201 Input Ch0: BBC Small Tac Diff
Entries 398338
Tac

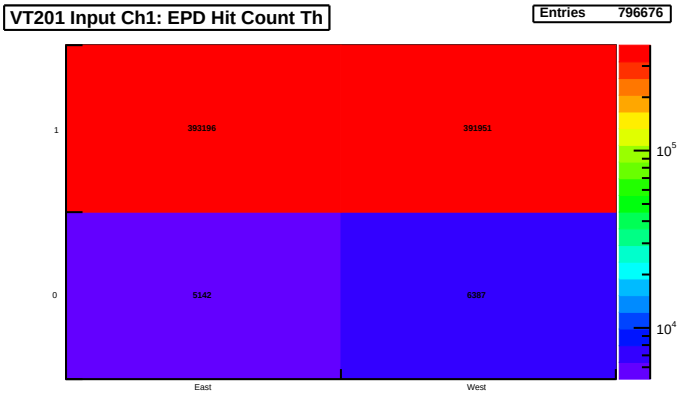

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

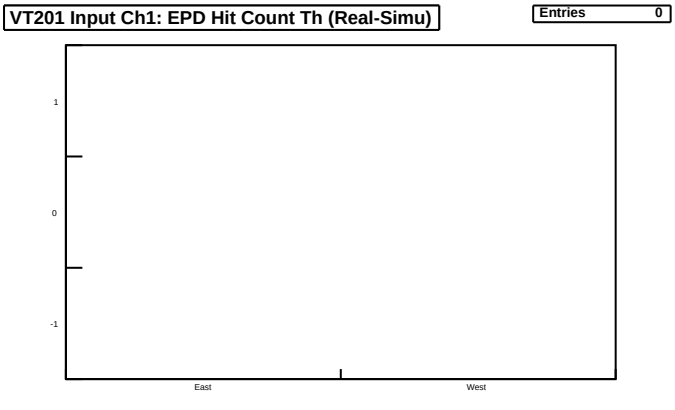

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 796676
281420
340816
116918
57522
East
West

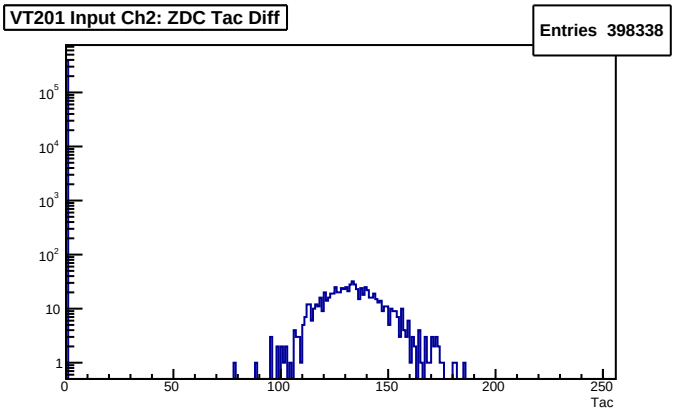

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

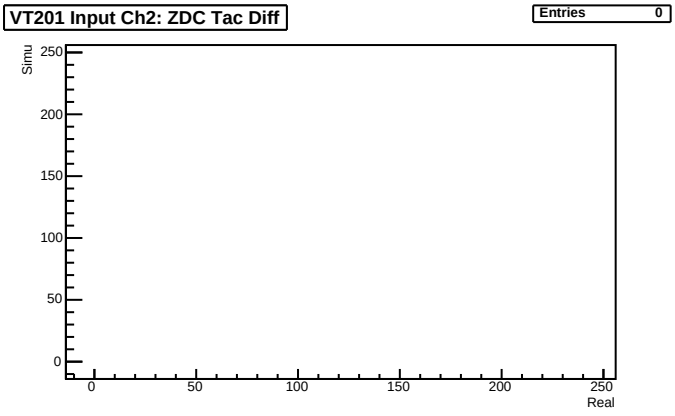

VT201 Input Ch1: EPD Tac Diff
Entries 398338
Tac

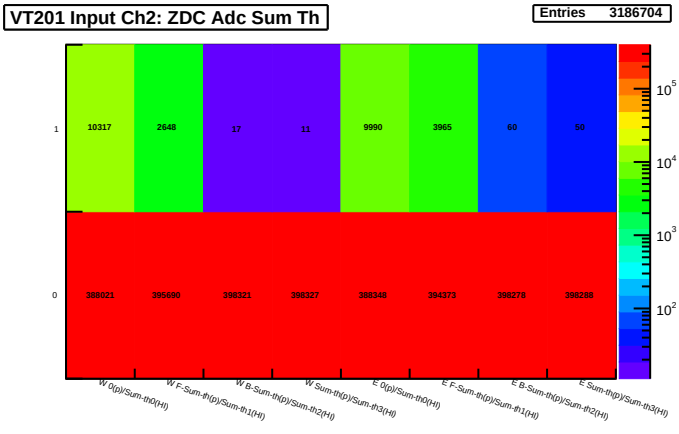

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

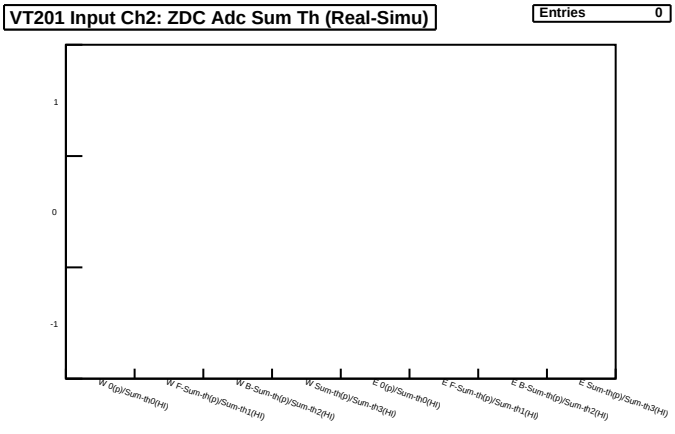

VT201 Input Ch1: EPD Hit Count Th
Entries 796676
393196
391951
5142
6387
East
West

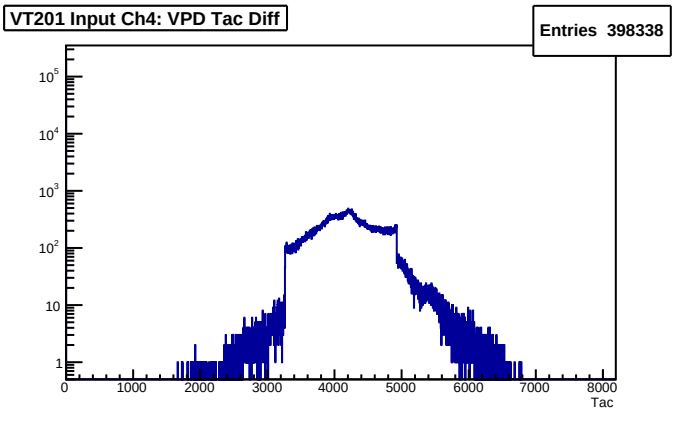

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

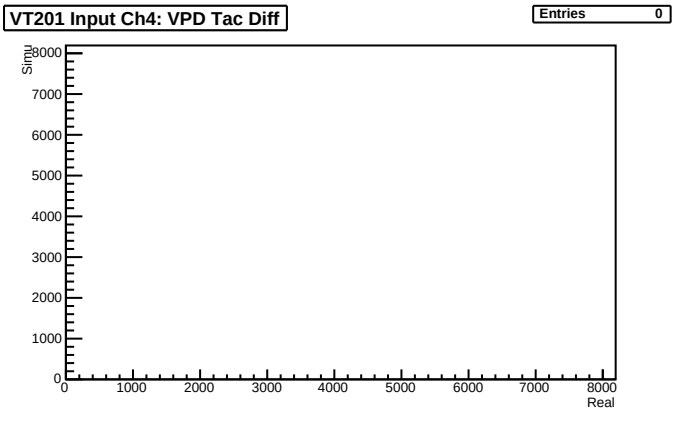

VT201 Input Ch2: ZDC Tac Diff
Entries 398338
Tac

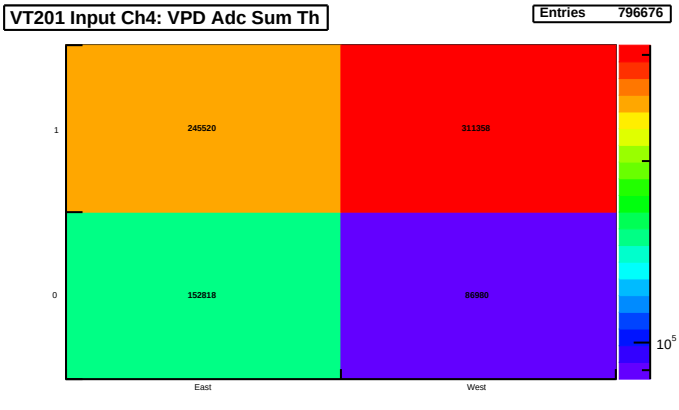

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

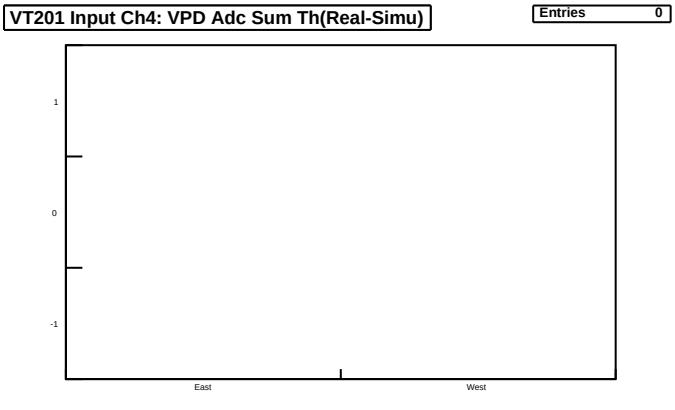

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3186704
10317
2648
17
11
9990
3965
60
50
388021
395690
398321
398327
388348
394373
398278
398288
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

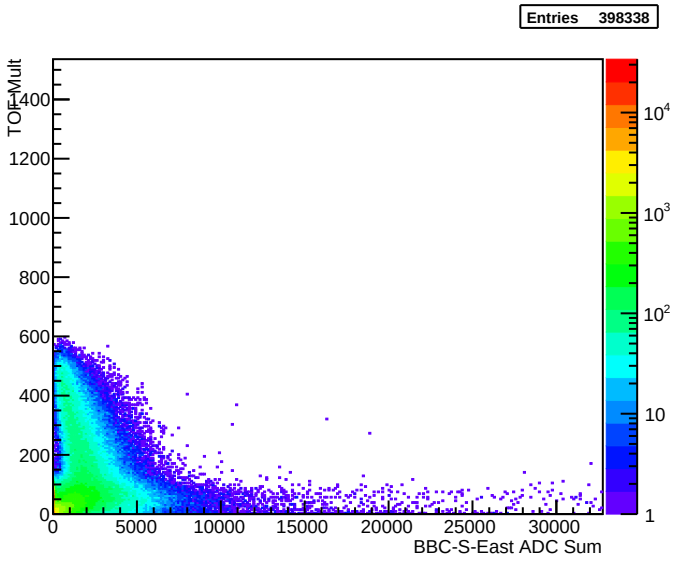

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

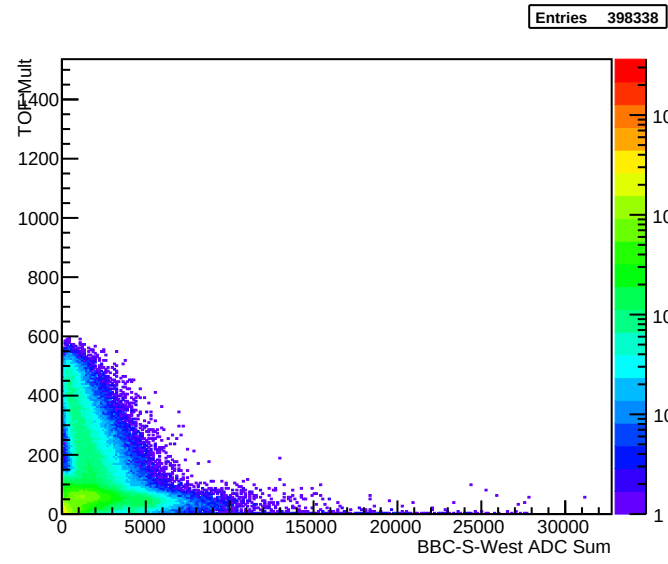

VT201 Input Ch4: VPD Tac Diff
Entries 398338
Tac

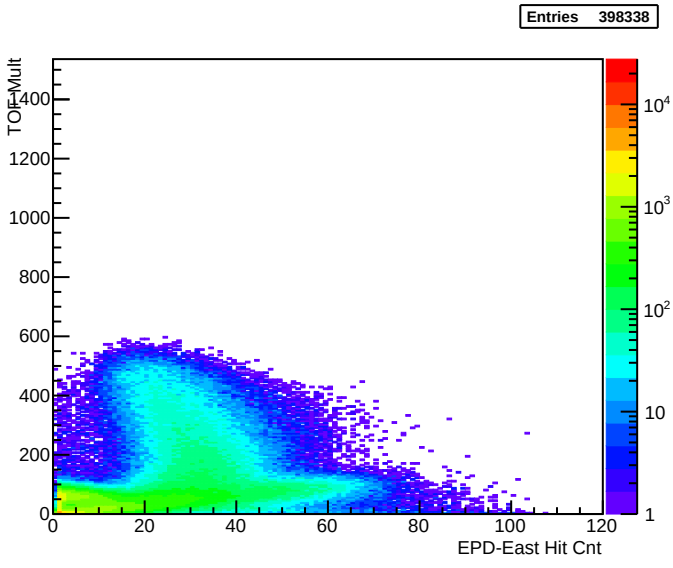

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

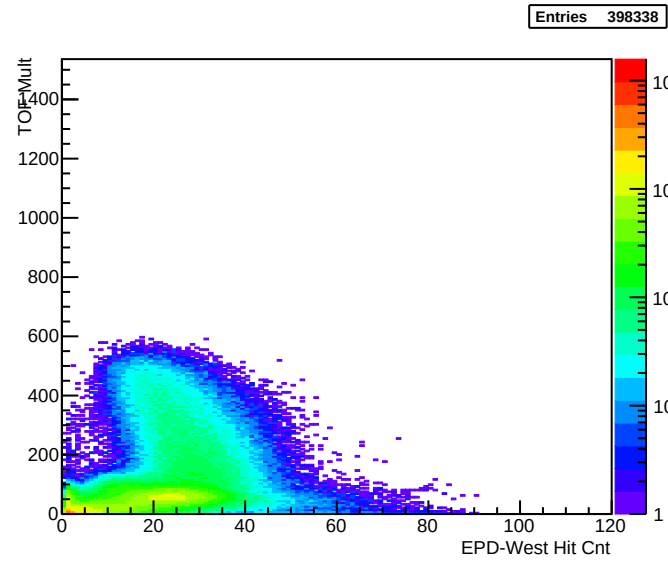

VT201 Input Ch4: VPD Adc Sum Th
Entries 796676
245520
311358
152818
86980
East
West

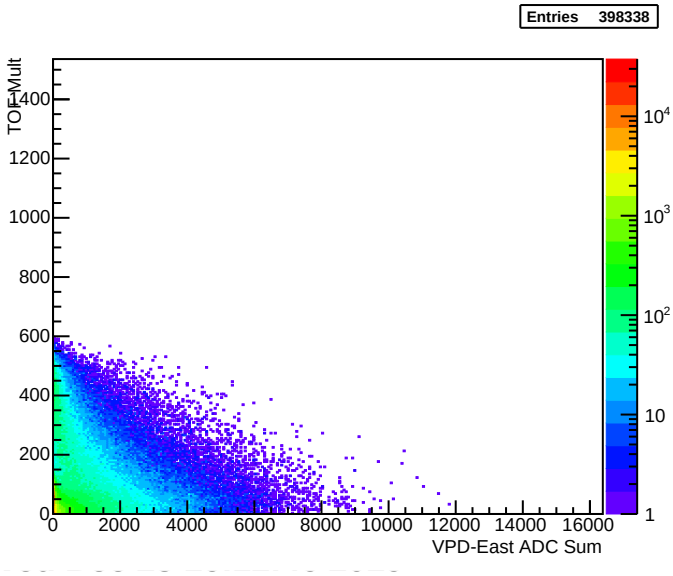

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

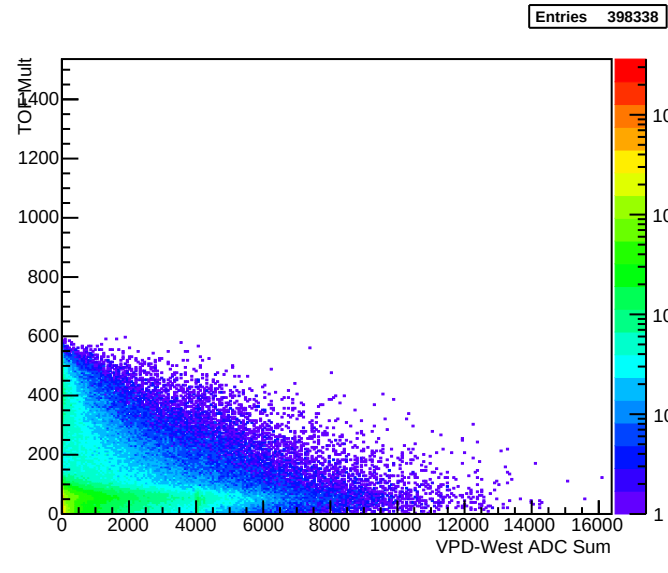

Entries 398338
TOF-Mult
BBC-S-East ADC Sum

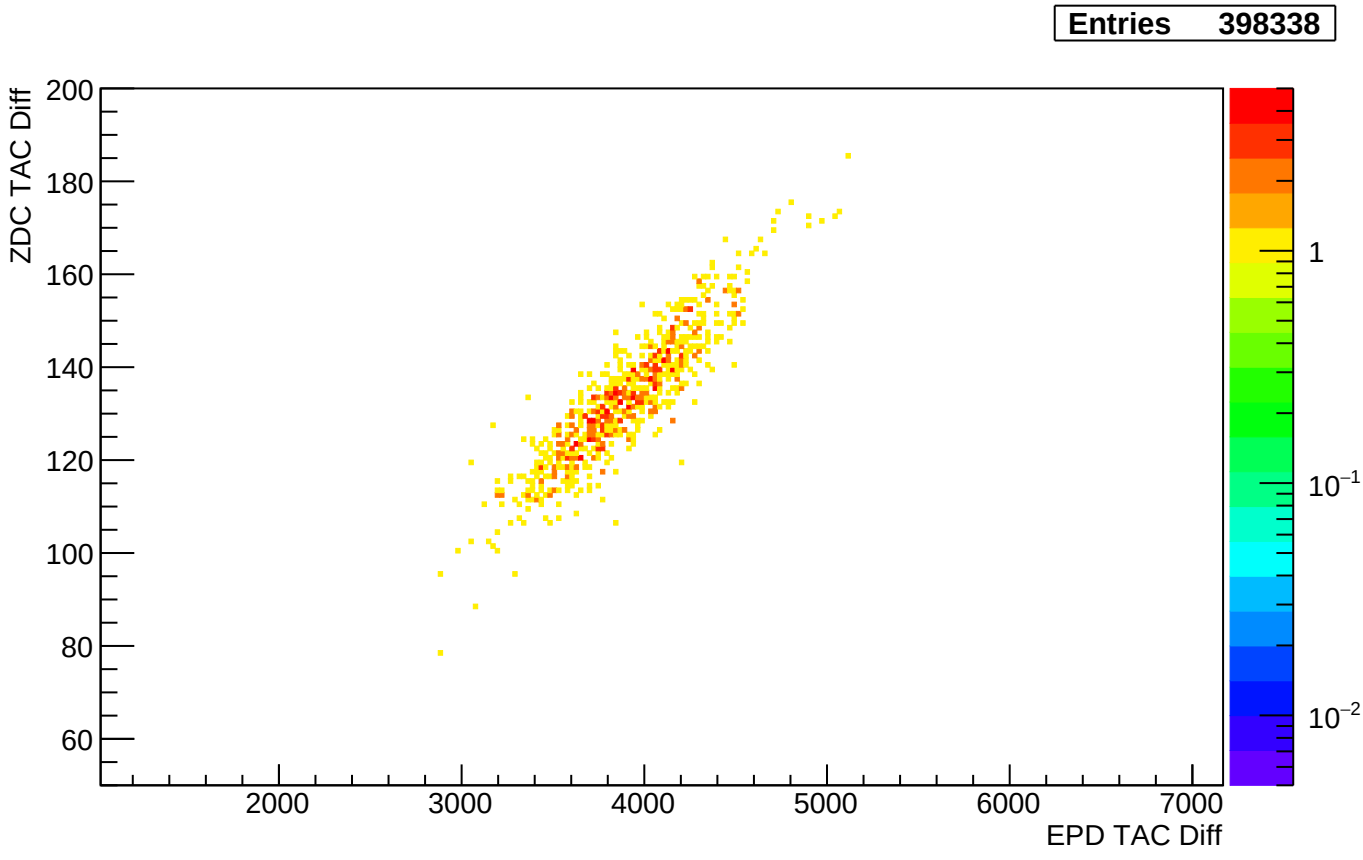

Entries 398338
TOF-Mult
BBC-S-West ADC Sum

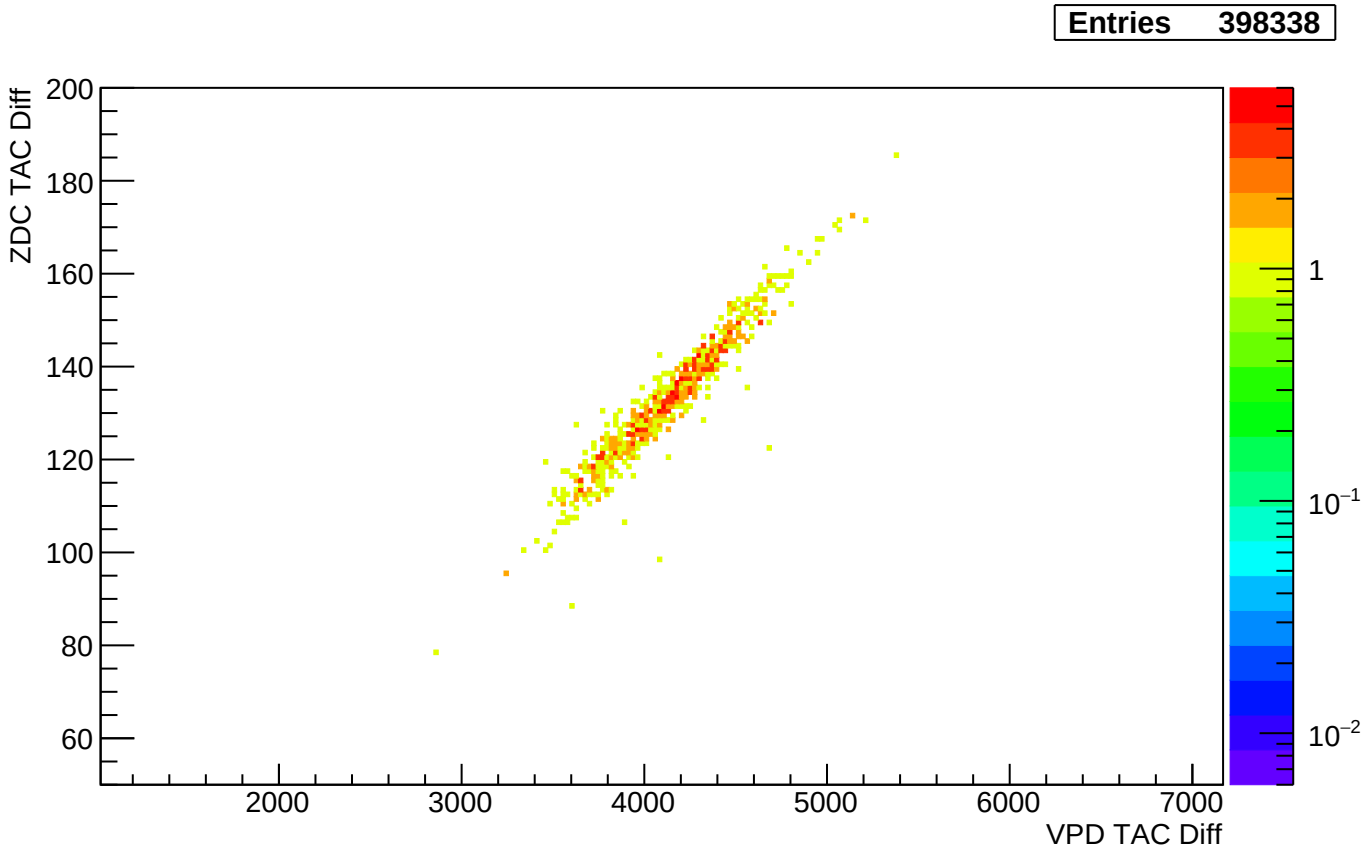

Entries 398338
TOF-Mult
EPD-East Hit Cnt

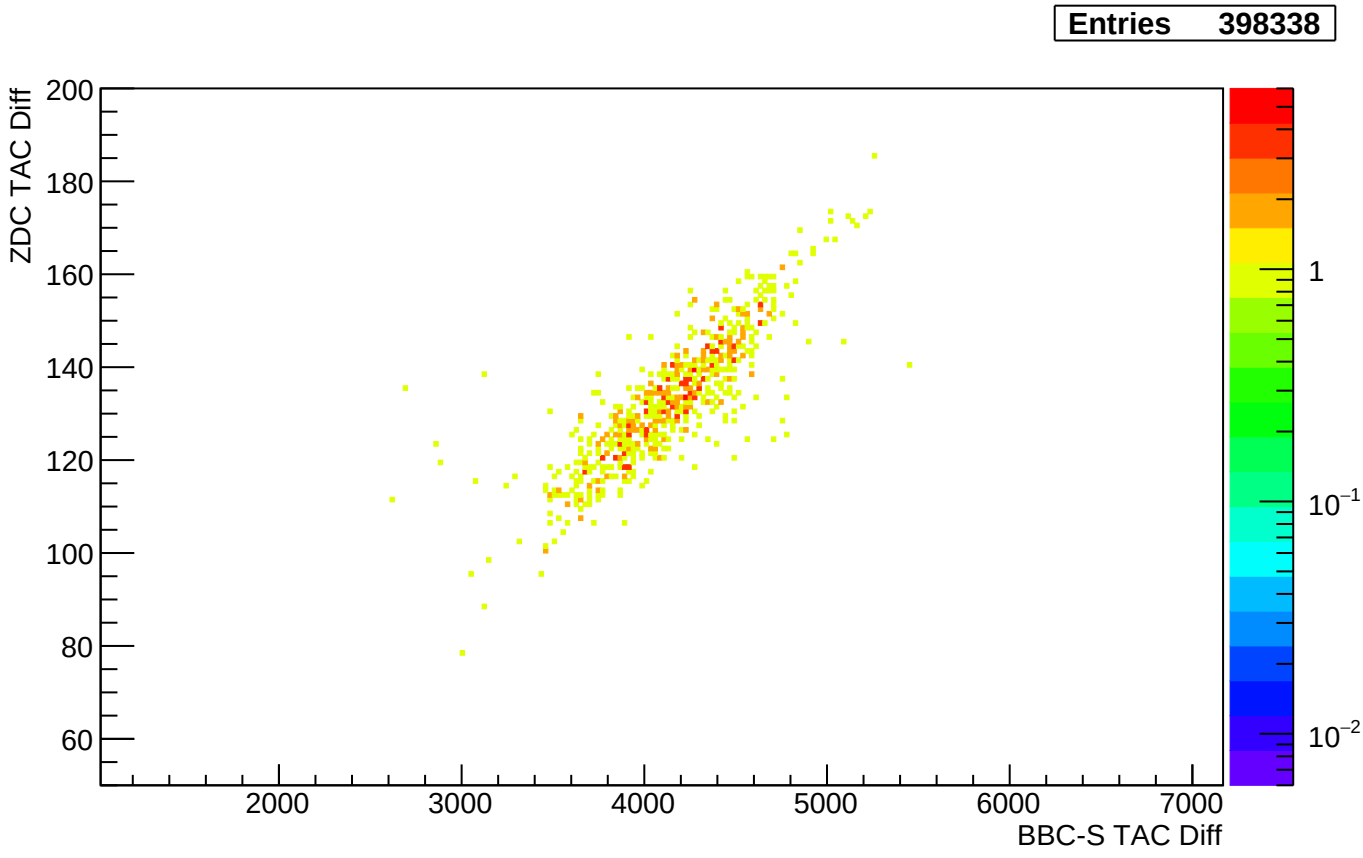

Entries 398338
TOF-Mult
EPD-West Hit Cnt

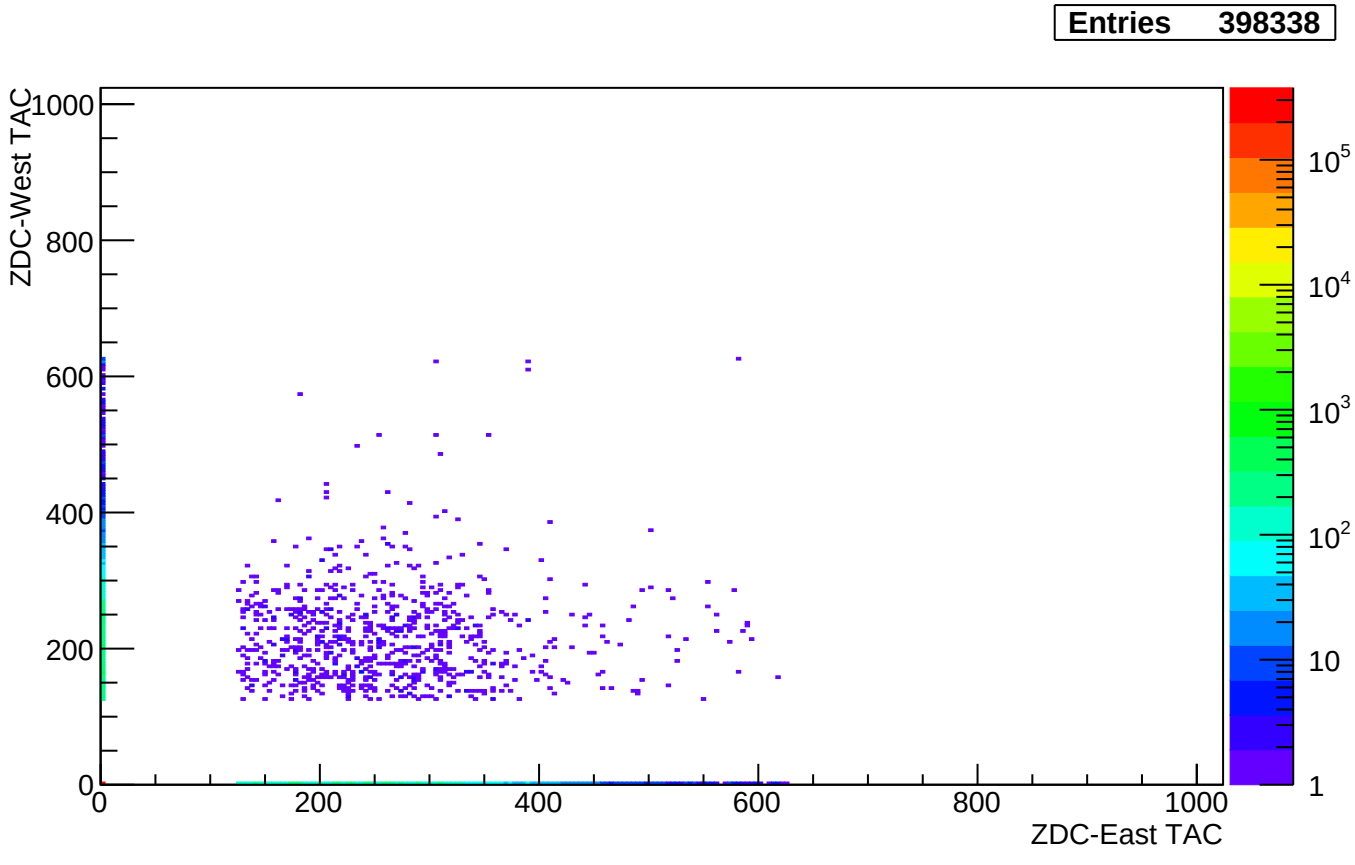

Entries 398338
TOF-Mult
VPD-East ADC Sum

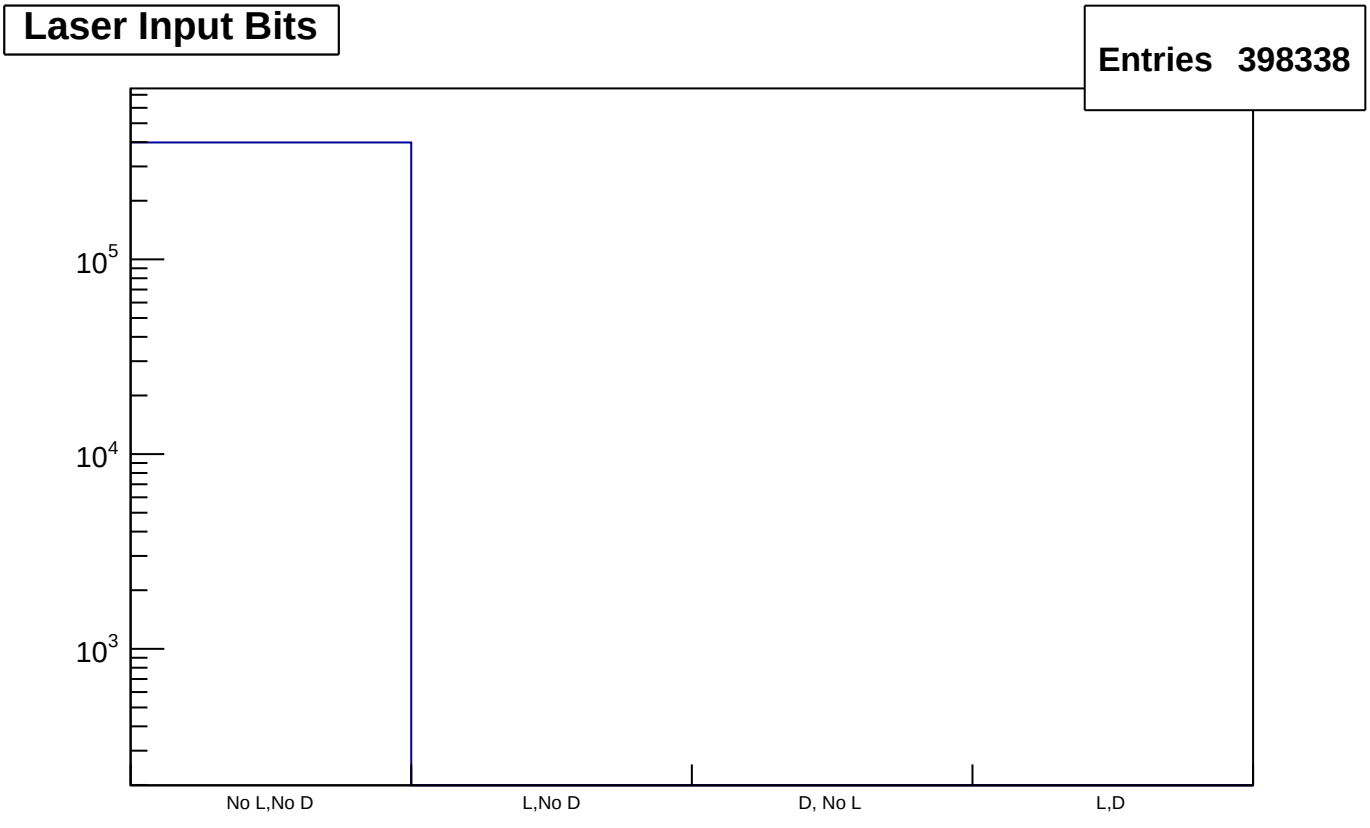

Entries 398338
TOF-Mult
VPD-West ADC Sum

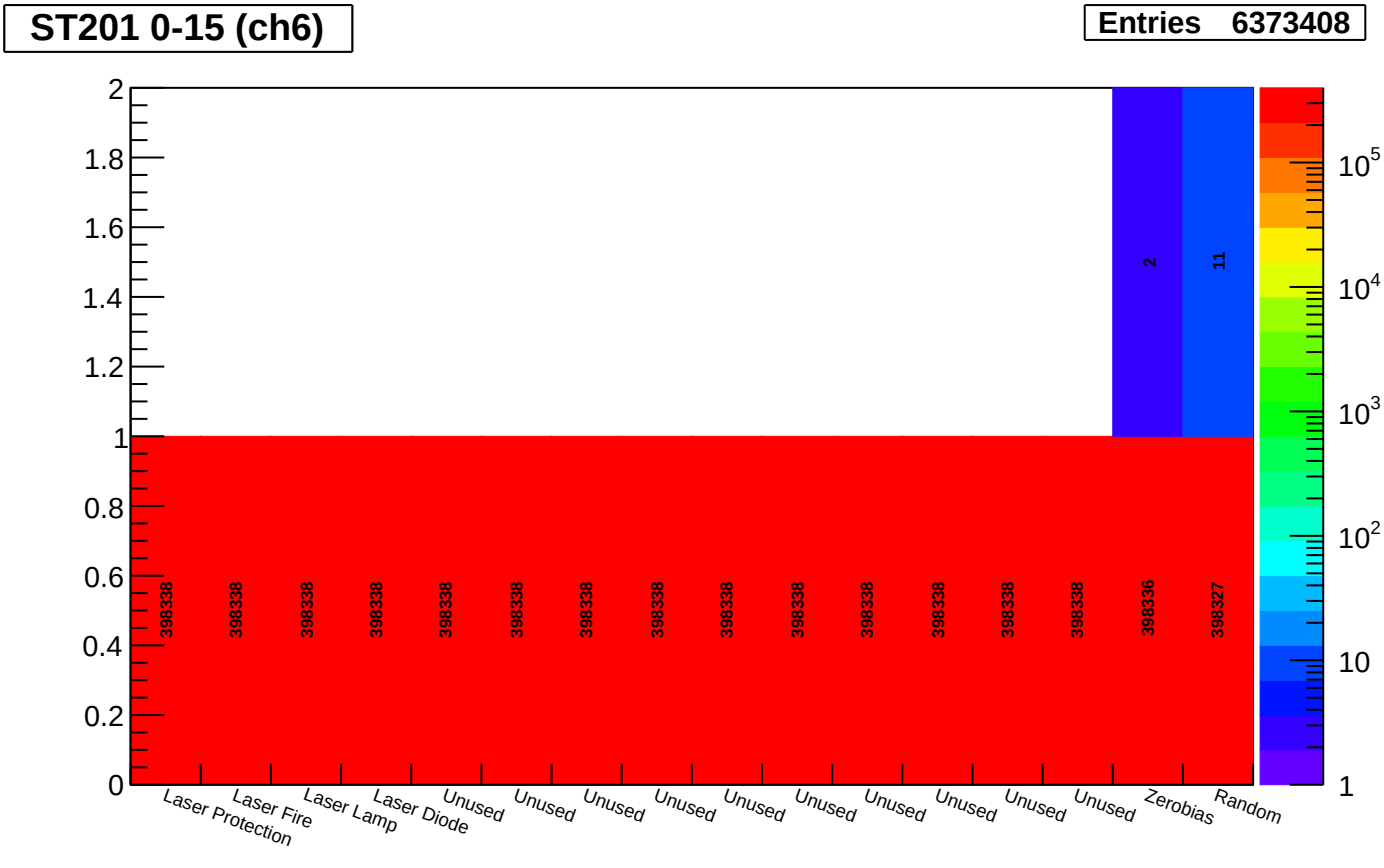

Entries 398338
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

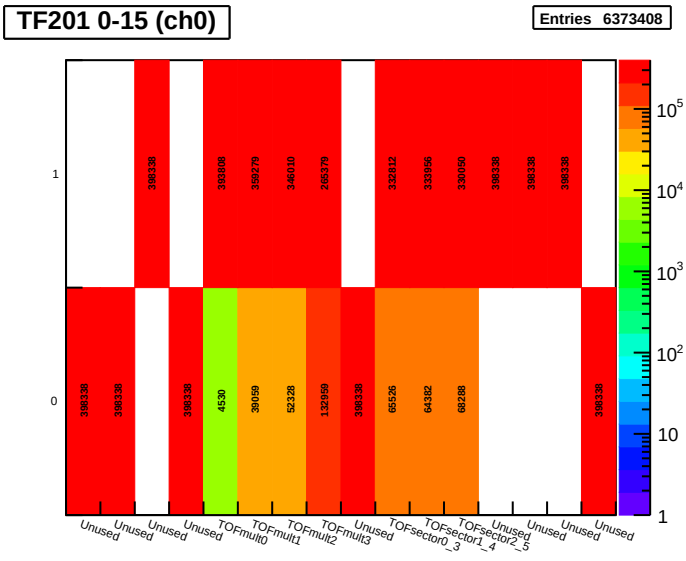

Entries 398338
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

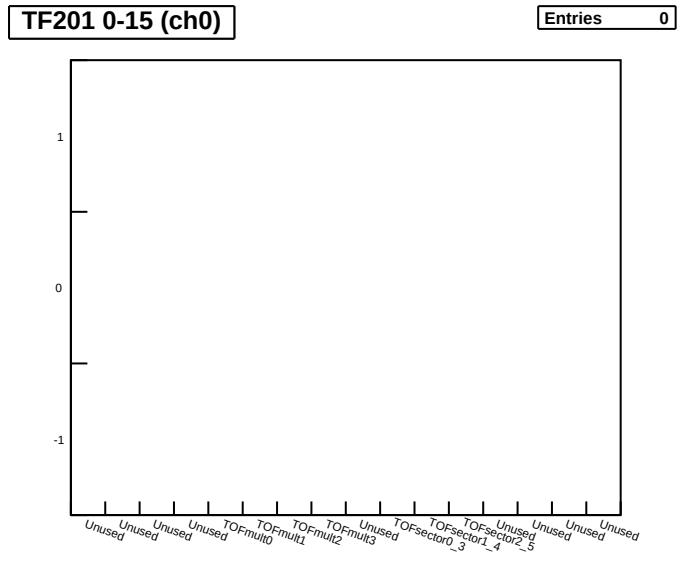

Entries 398338
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

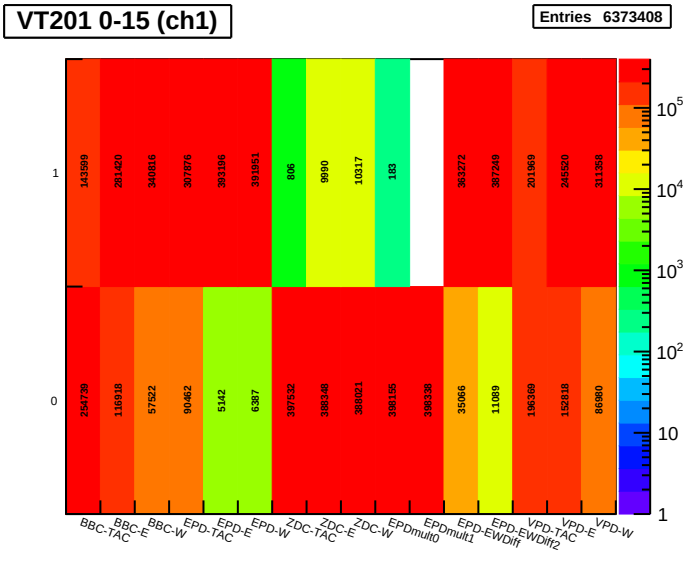

Entries 398338
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

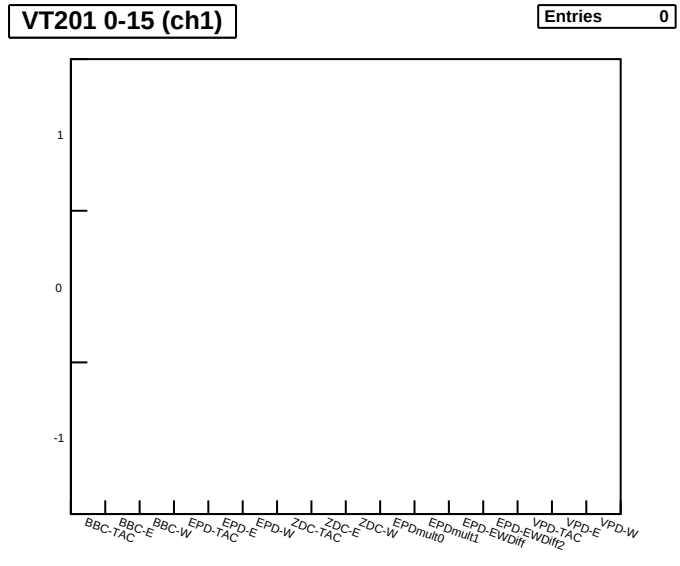

Laser Input Bits
Entries 398338
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

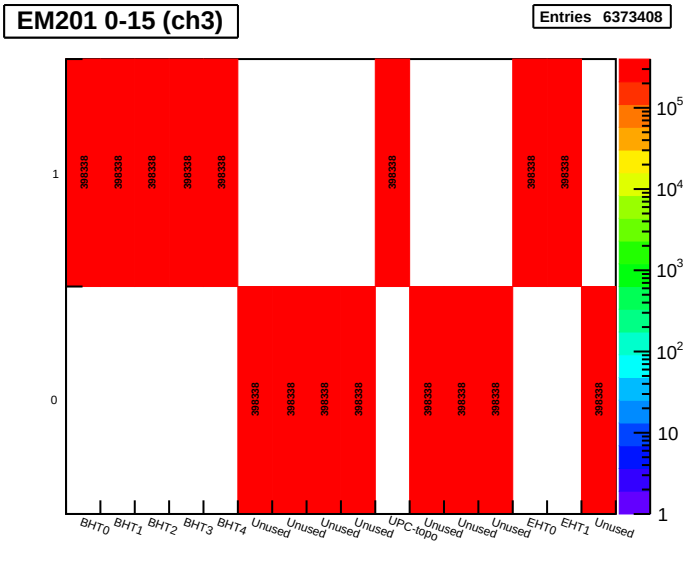

ST201 0-15 (ch6)
Entries 6373408
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398336
398327
2
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

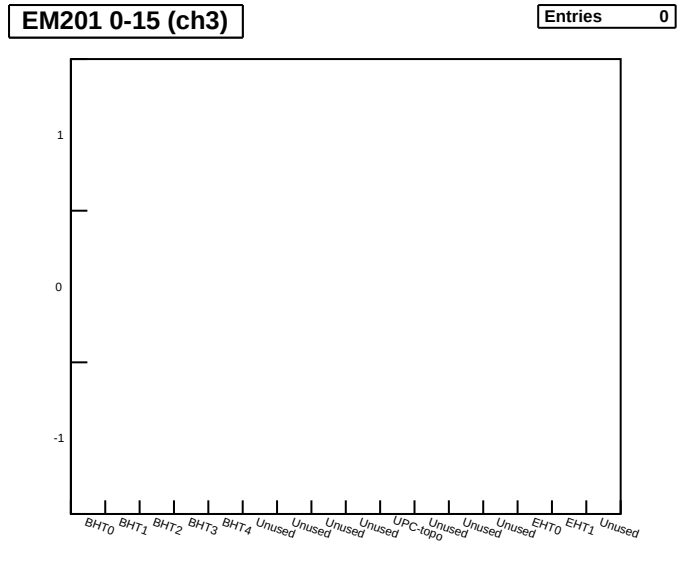

TF201 0-15 (ch0)
Entries 6373408
1
0
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
4530
39059
52328
132959
65526
64382
68288
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6373408
1
0
143599
281420
340816
307876
393196
391951
806
9990
10317
183
363272
387249
201969
245520
311358
254739
116918
57522
90462
5142
6387
397532
388348
389021
398155
398338
35066
11089
196369
152818
86980
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 6373408
1
0
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
398338
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