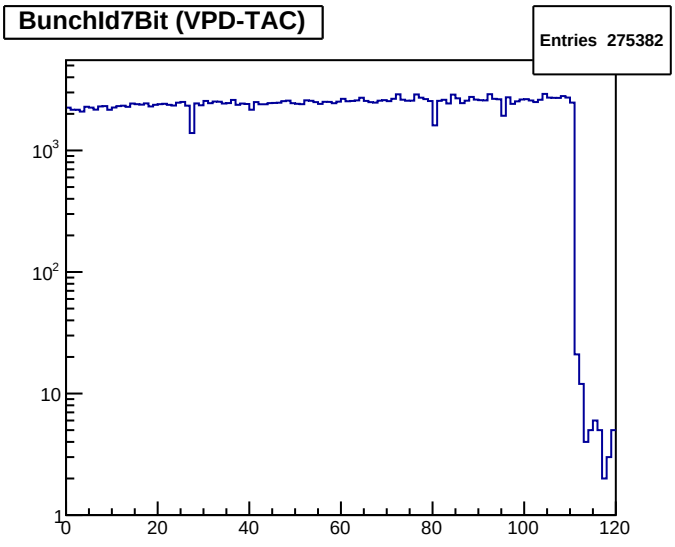
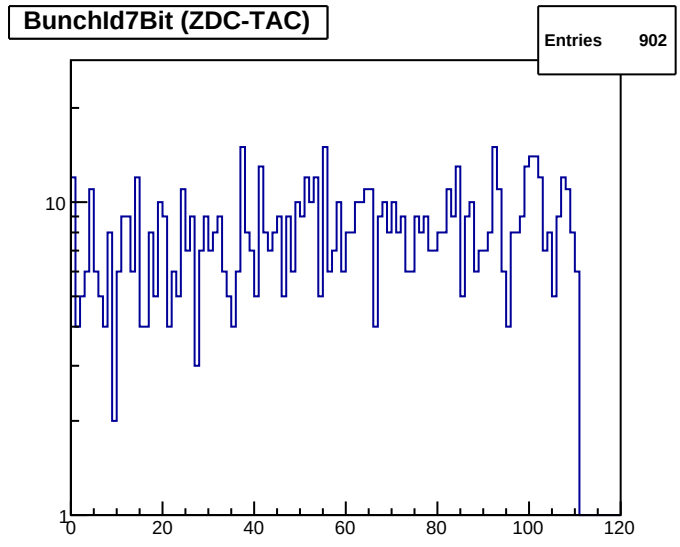
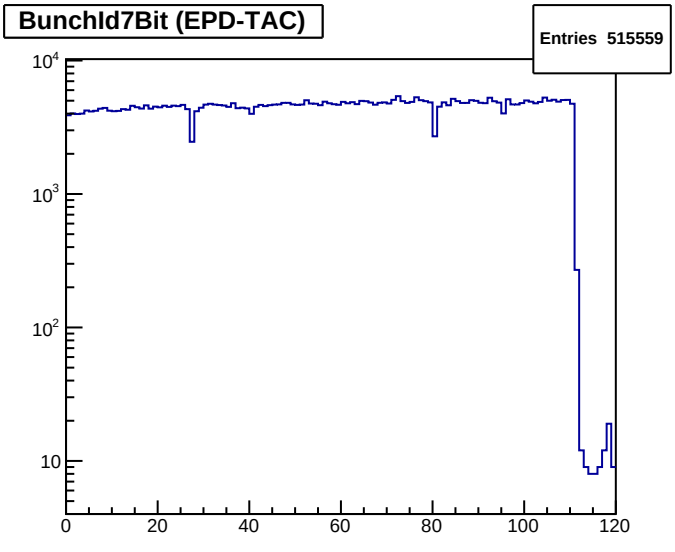
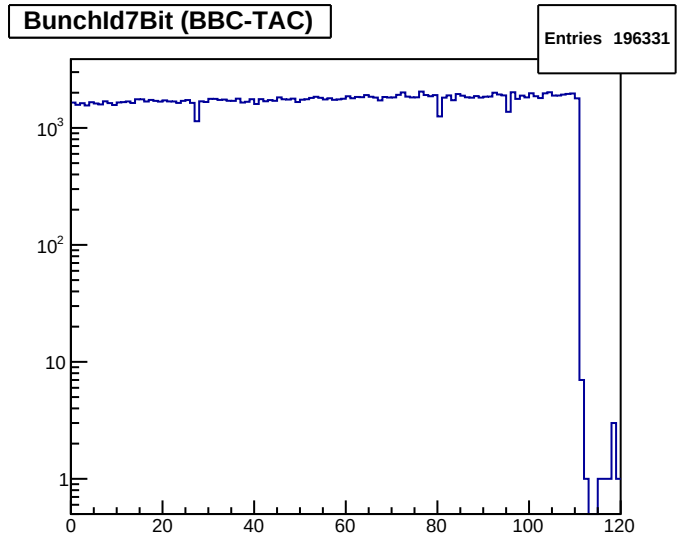
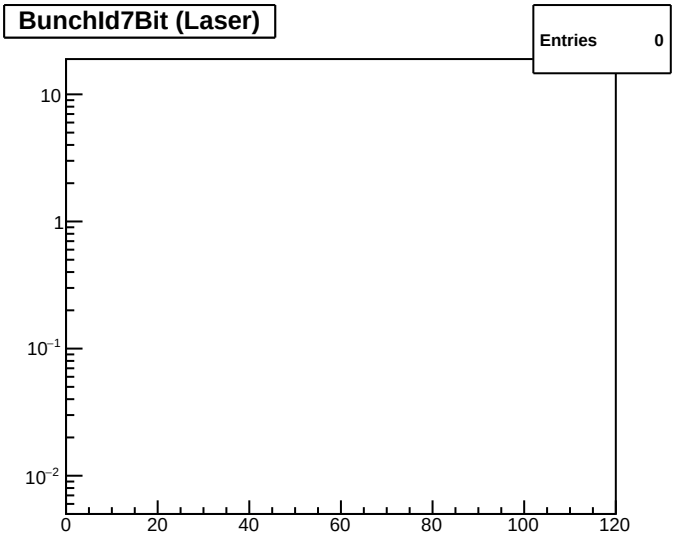
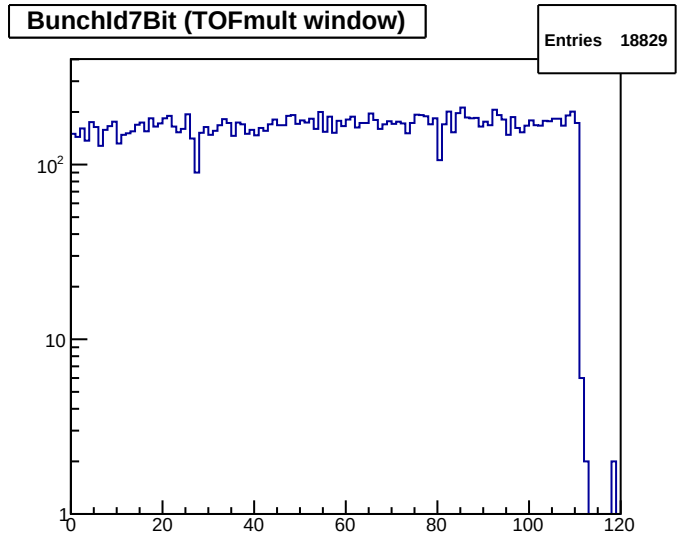

BunchId7Bit (VPD-TAC)
Entries 275382

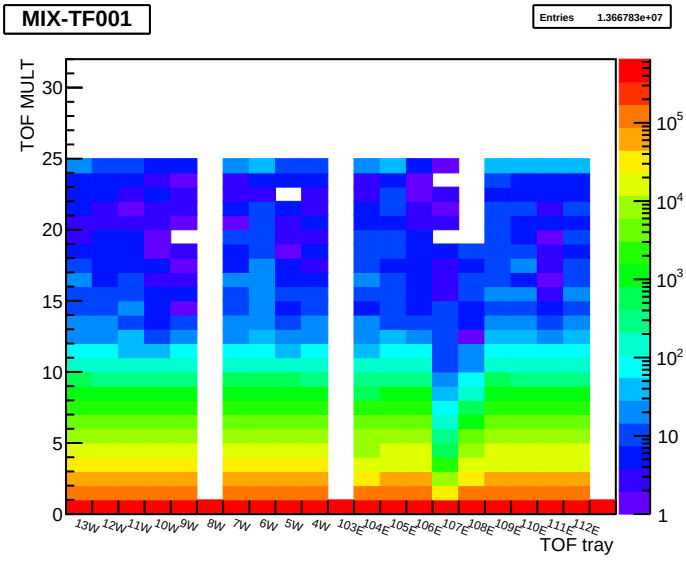

BunchId7Bit (ZDC-TAC)
Entries 902

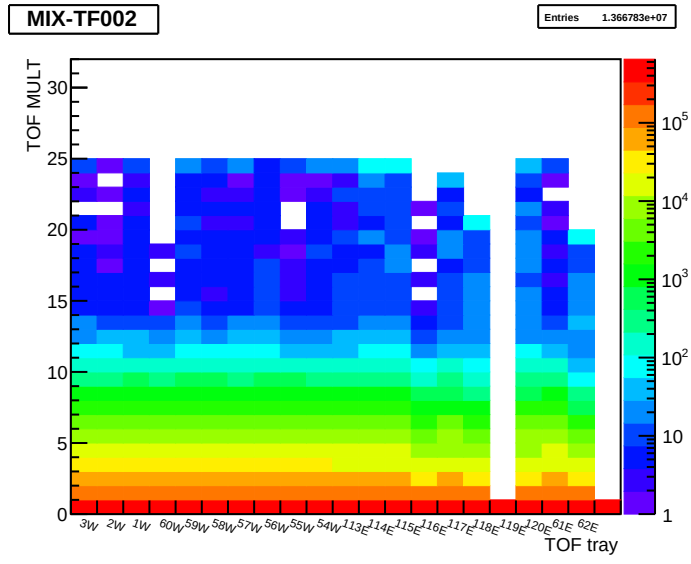

BunchId7Bit (EPD-TAC)
Entries 515559

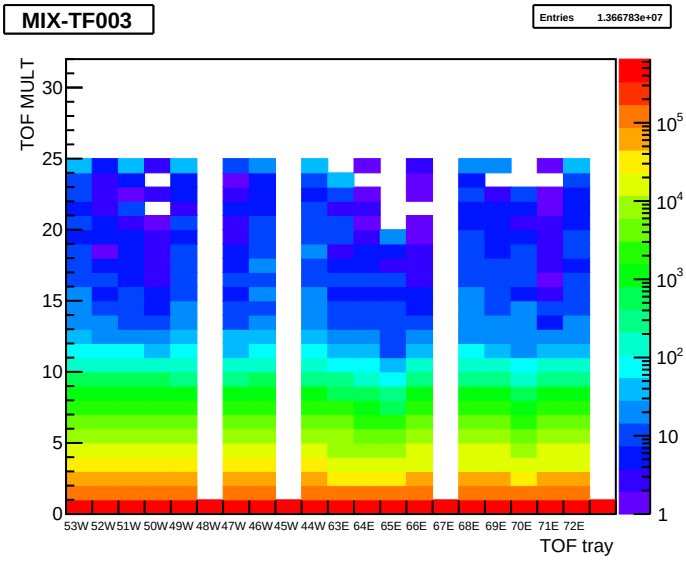

BunchId7Bit (BBC-TAC)
Entries 196331

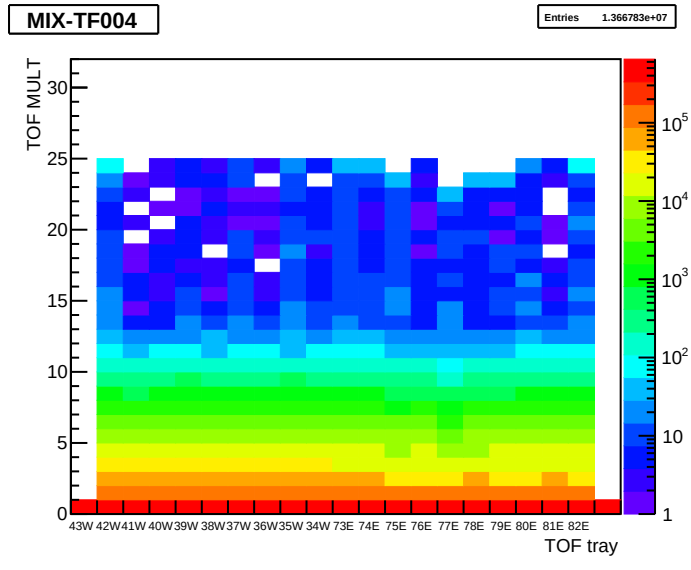

BunchId7Bit (Laser)
Entries 0

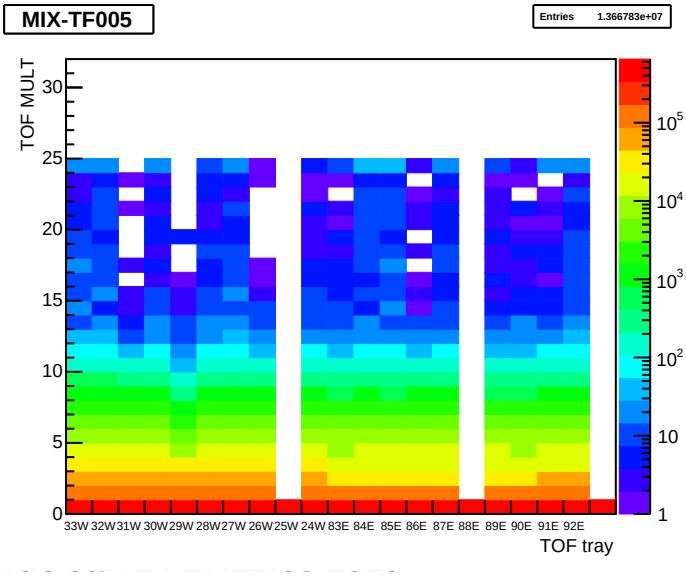

BunchId7Bit (TOFmult window)
Entries 18829

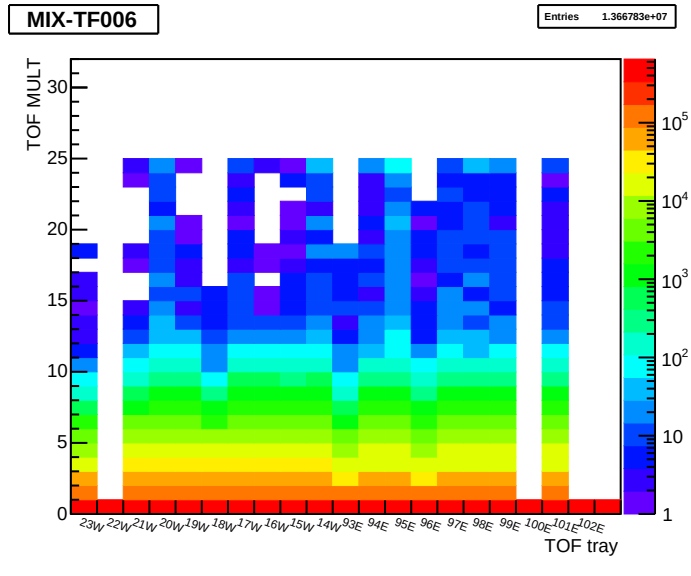

MIX-TF001
Entries 1.366783e+07
TOF MULT
TOF tray

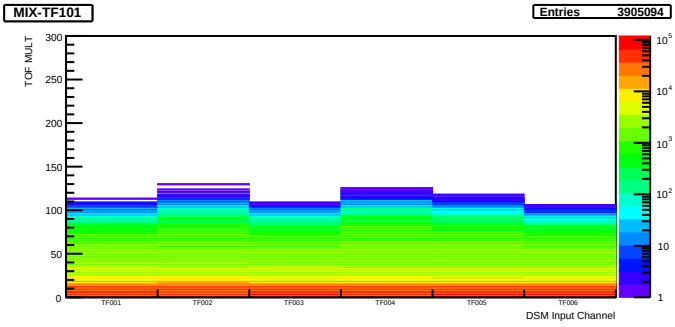

MIX-TF002
Entries 1.366783e+07
TOF MULT
TOF tray

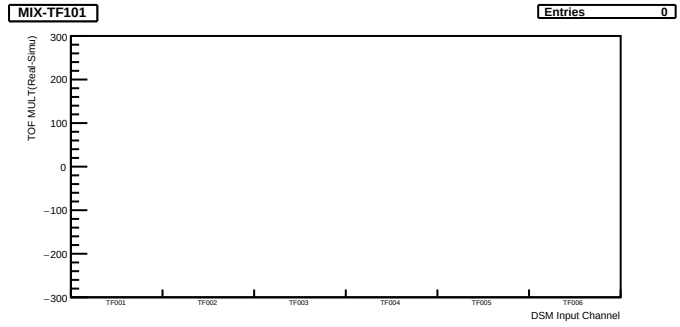

MIX-TF003
Entries 1.366783e+07
TOF MULT
TOF tray

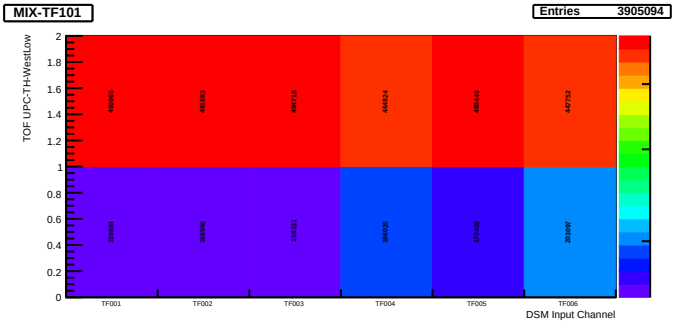

MIX-TF004
Entries 1.366783e+07
TOF MULT
TOF tray

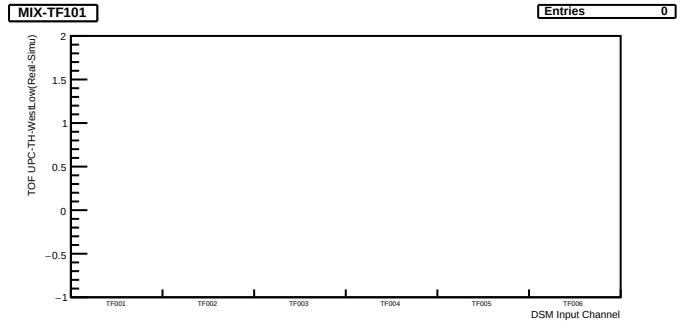

MIX-TF005
Entries 1.366783e+07
TOF MULT
TOF tray

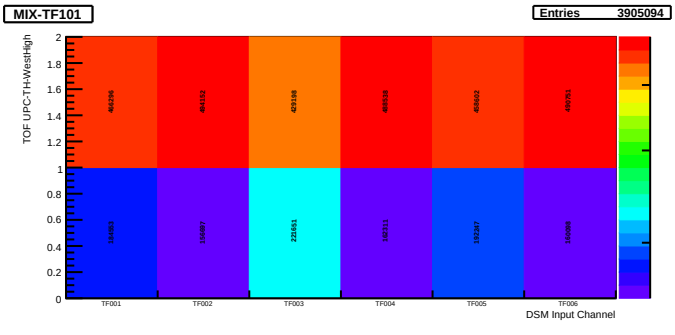

MIX-TF006
Entries 1.366783e+07
TOF MULT
TOF tray

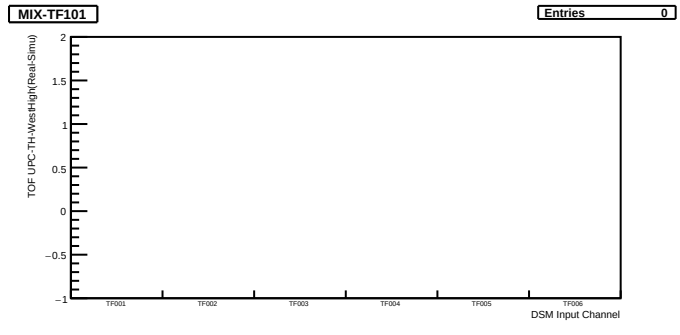

MIX-TF101
Entries 3905094
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

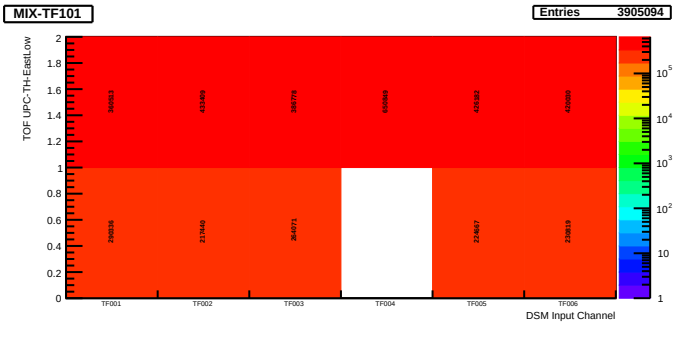

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

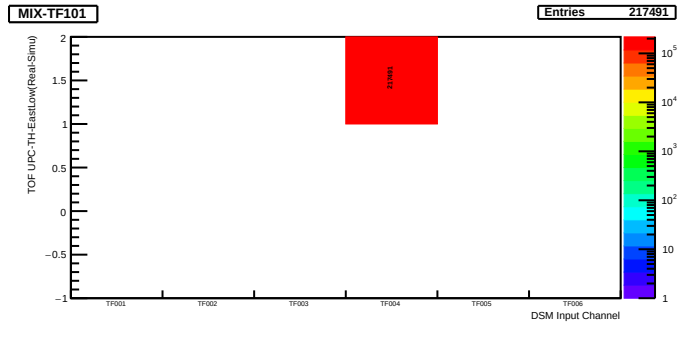

MIX-TF101
Entries 3905094
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

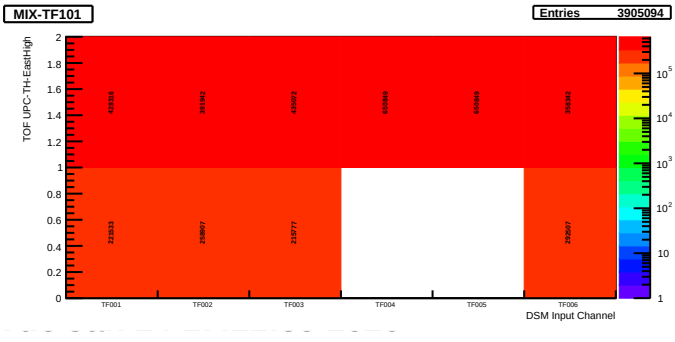

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

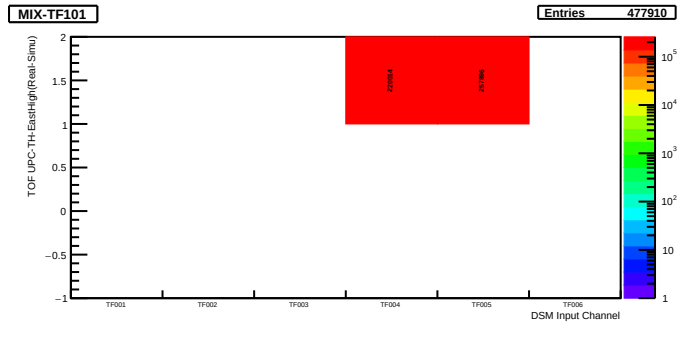

MIX-TF101
Entries 3905094
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

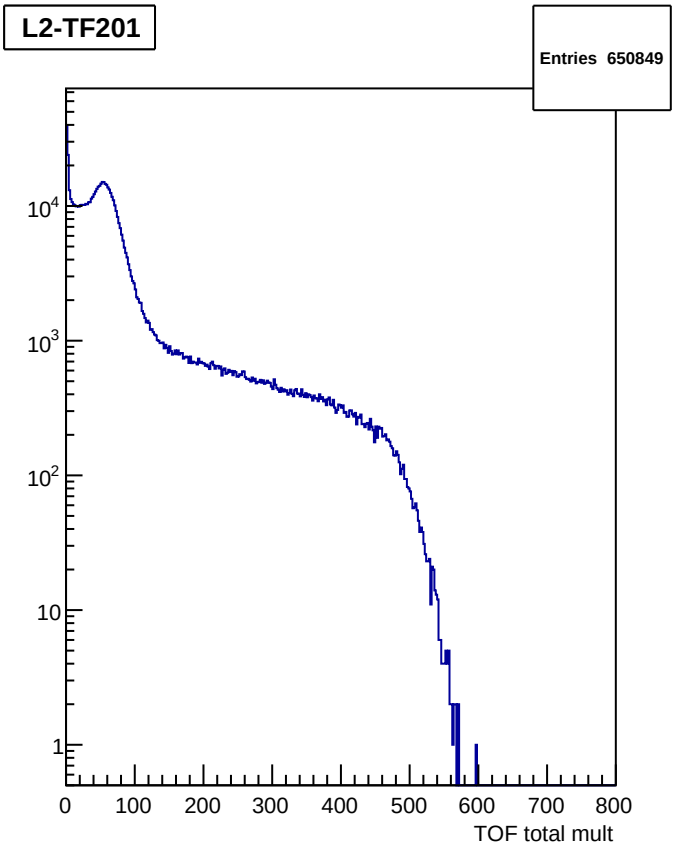

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

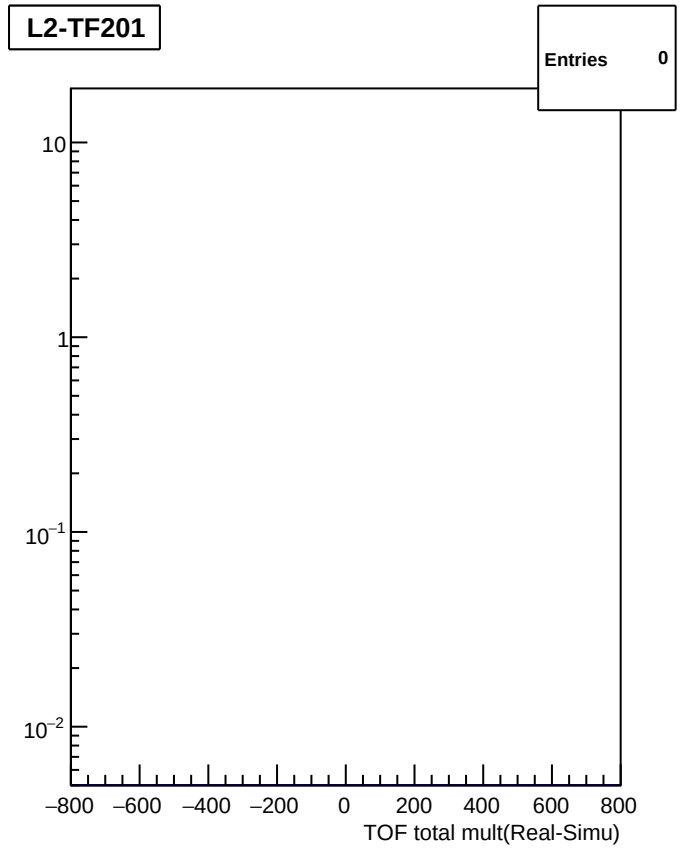

MIX-TF101
Entries 3905094
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

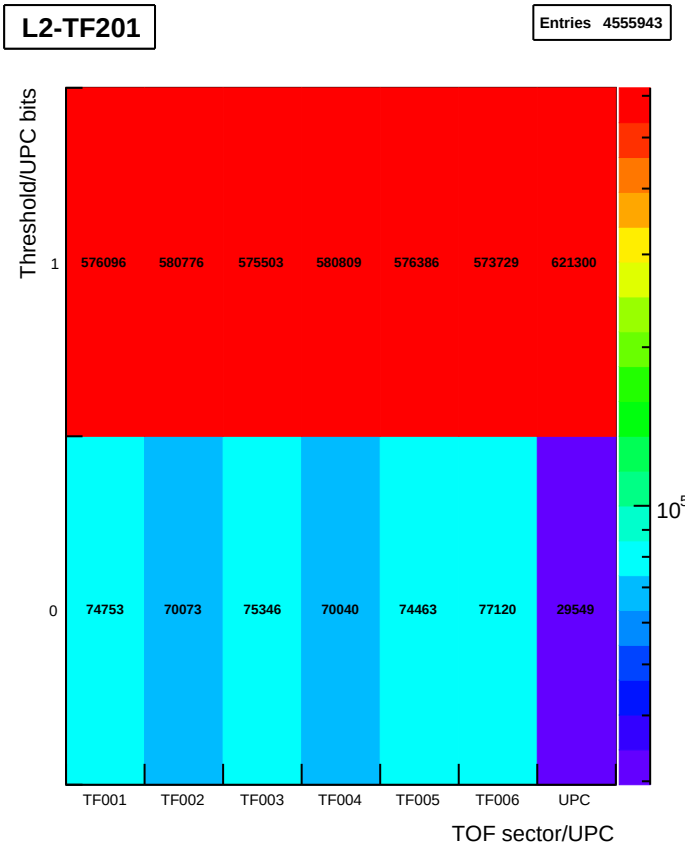

MIX-TF101
Entries 217491
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

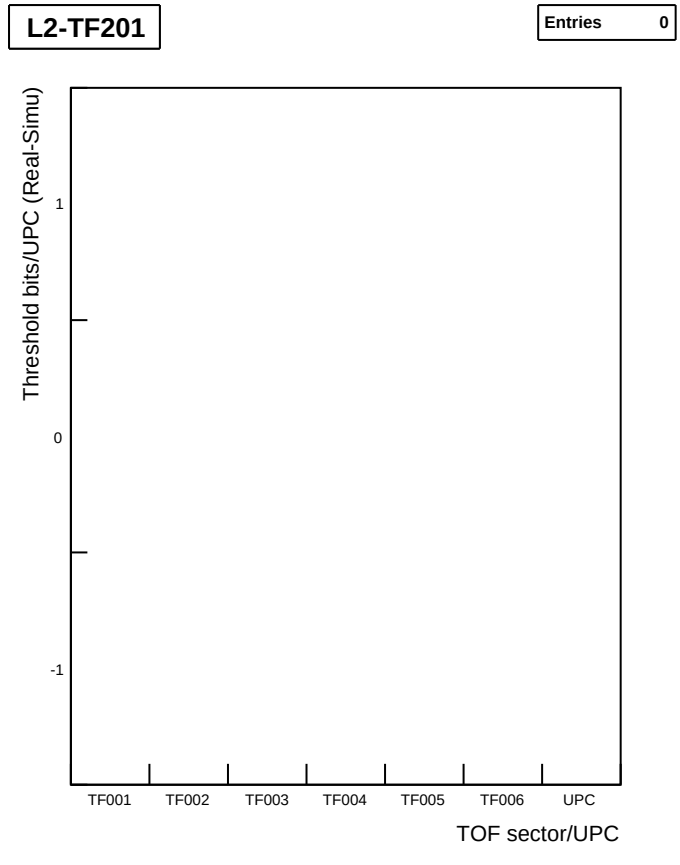

MIX-TF101
Entries 3905094
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

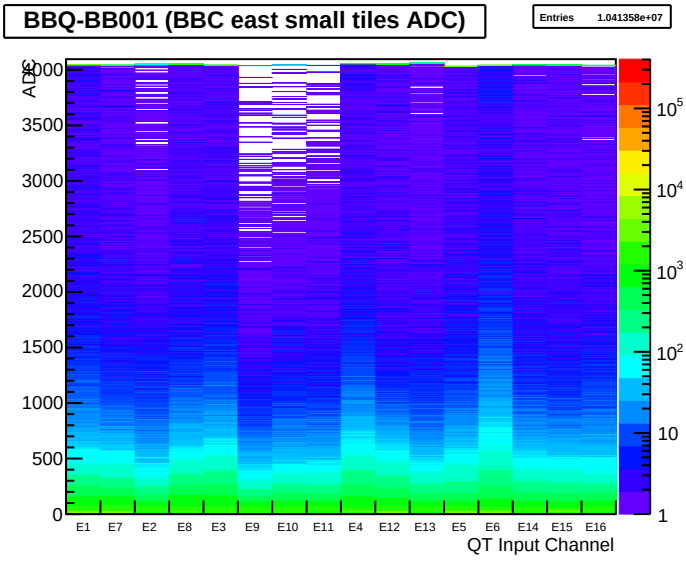

MIX-TF101
Entries 477910
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

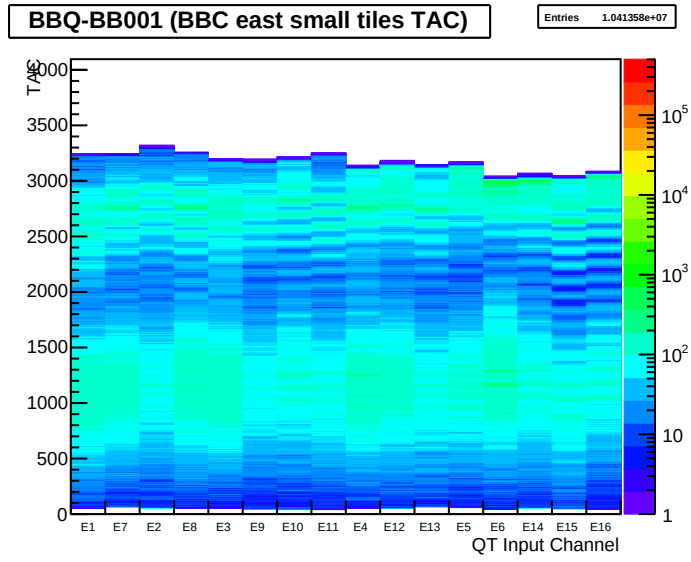

L2-TF201
Entries 650849
TOF total mult

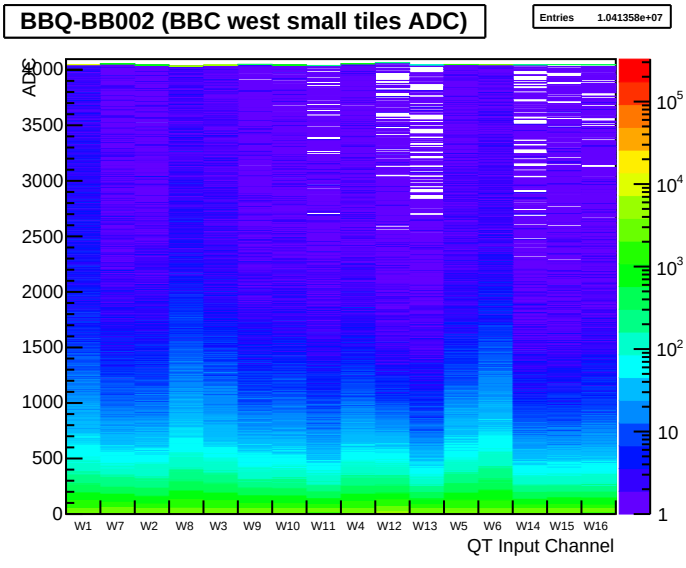

L2-TF201
Entries 0
TOF total mult(Real-Simu)

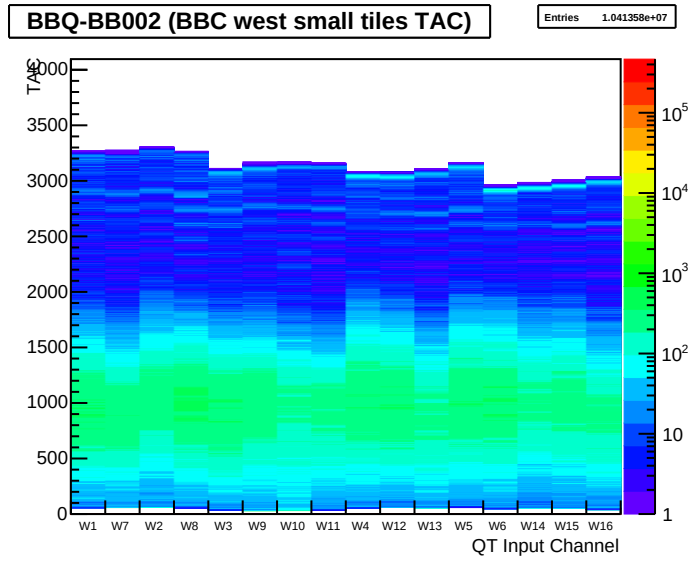

L2-TF201
Entries 4555943
Threshold/UPC bits
576096
580776
575503
580809
576386
573729
621300
74753
70073
75346
70040
74463
77120
29549
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

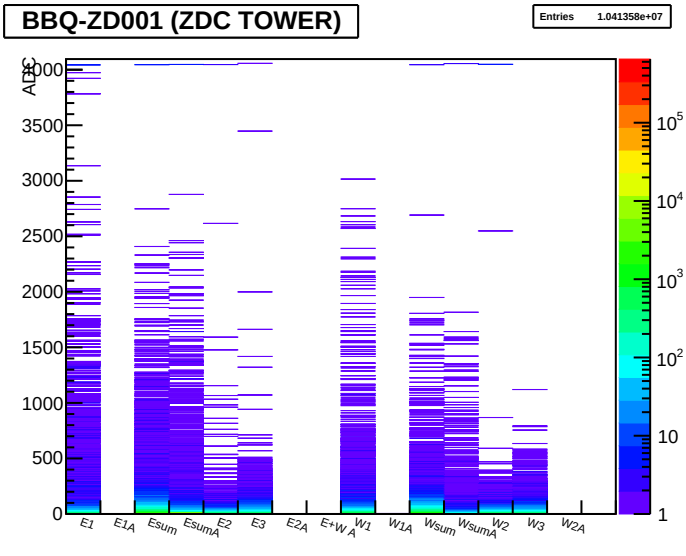

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

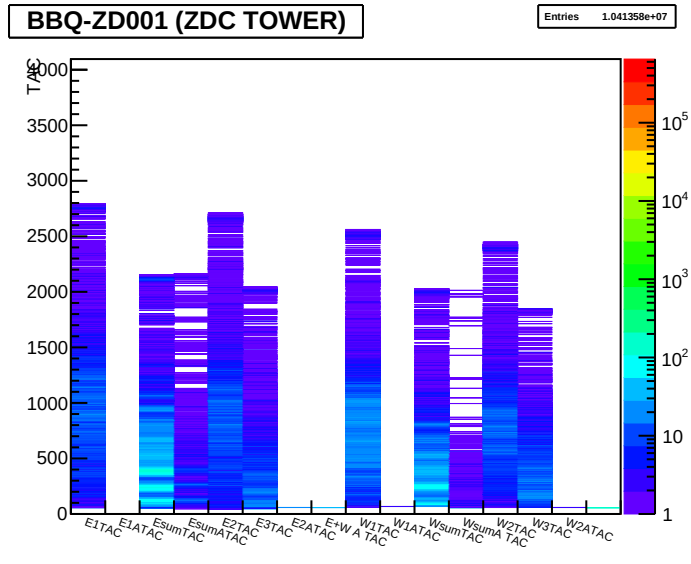

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.041358e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

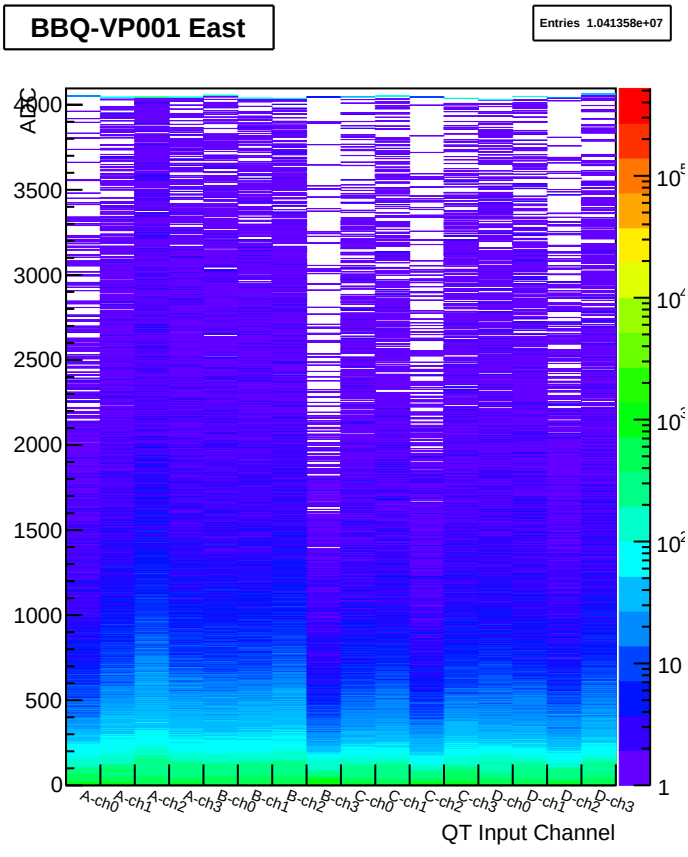

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.041358e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

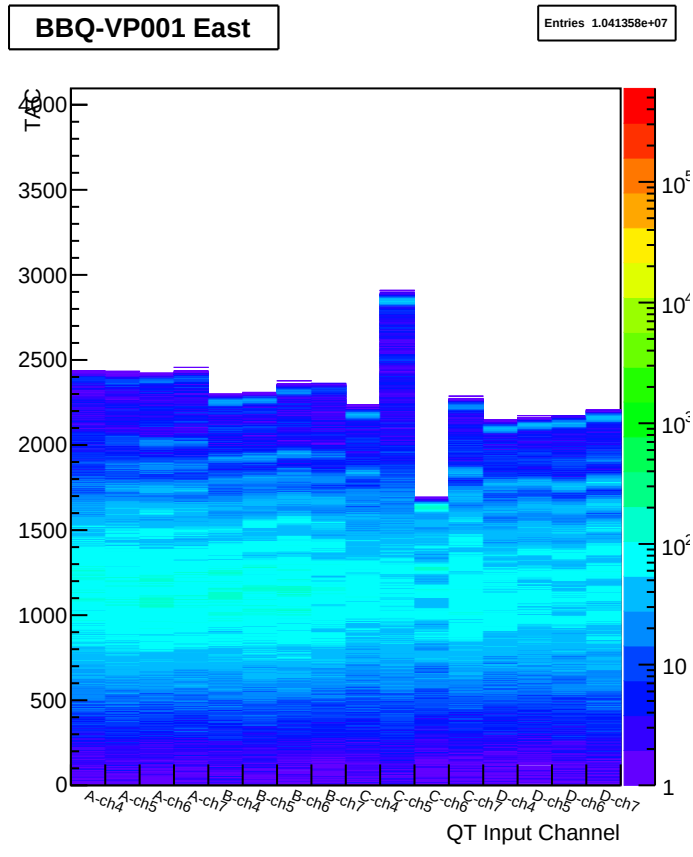

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.041358e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

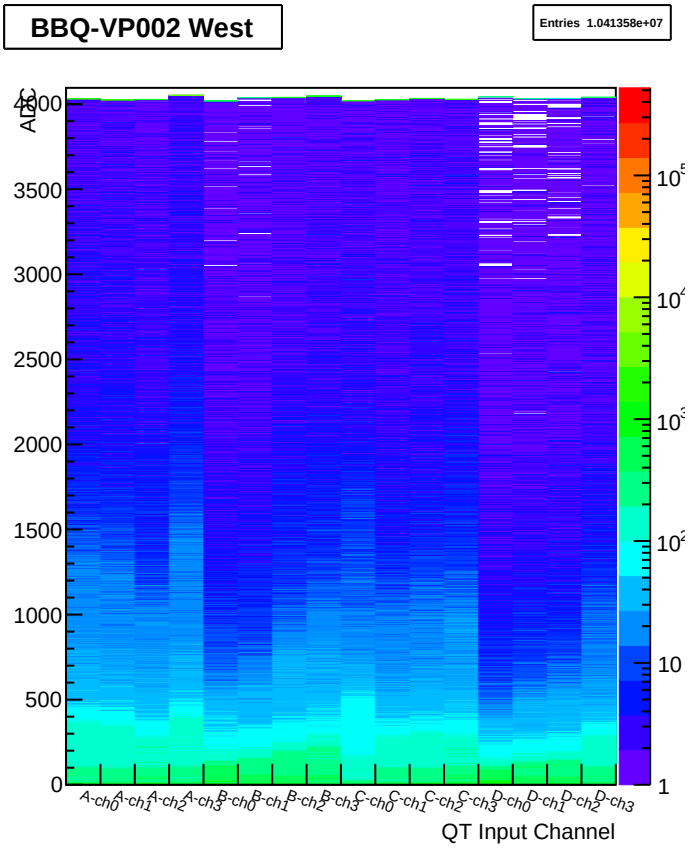

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.041358e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

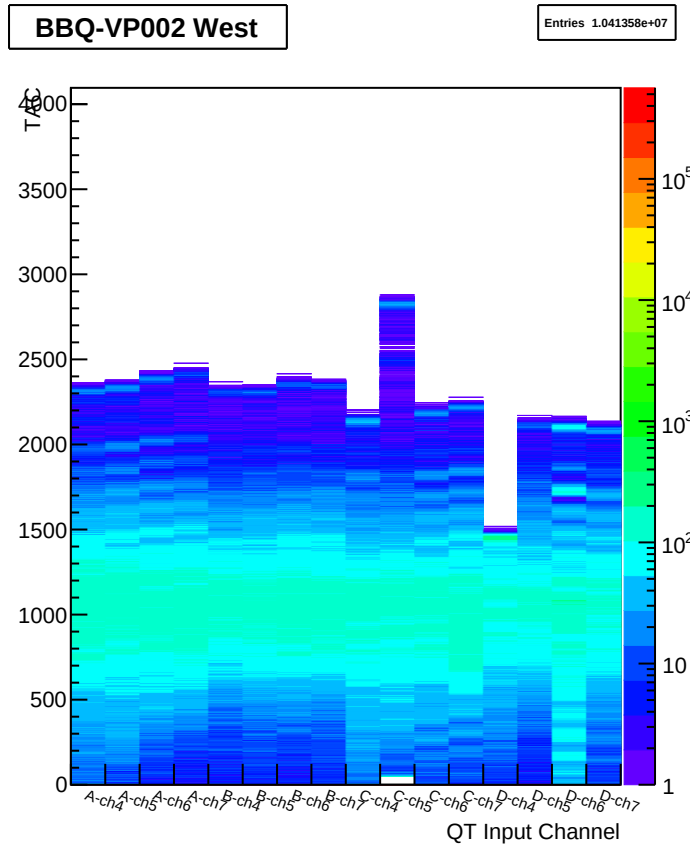

BBQ-ZD001 (ZDC TOWER)
Entries 1.041358e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

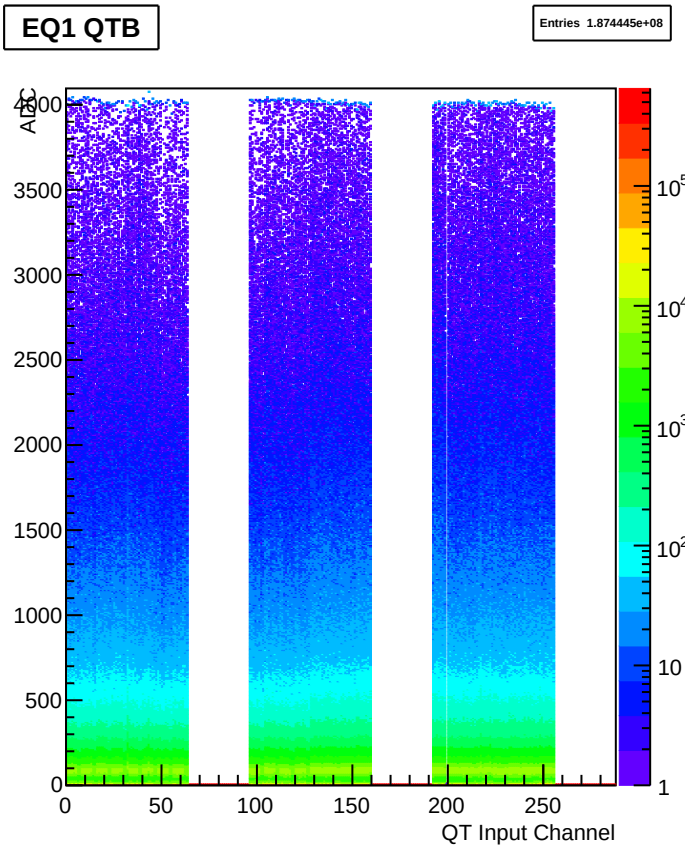

BBQ-ZD001 (ZDC TOWER)
Entries 1.041358e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

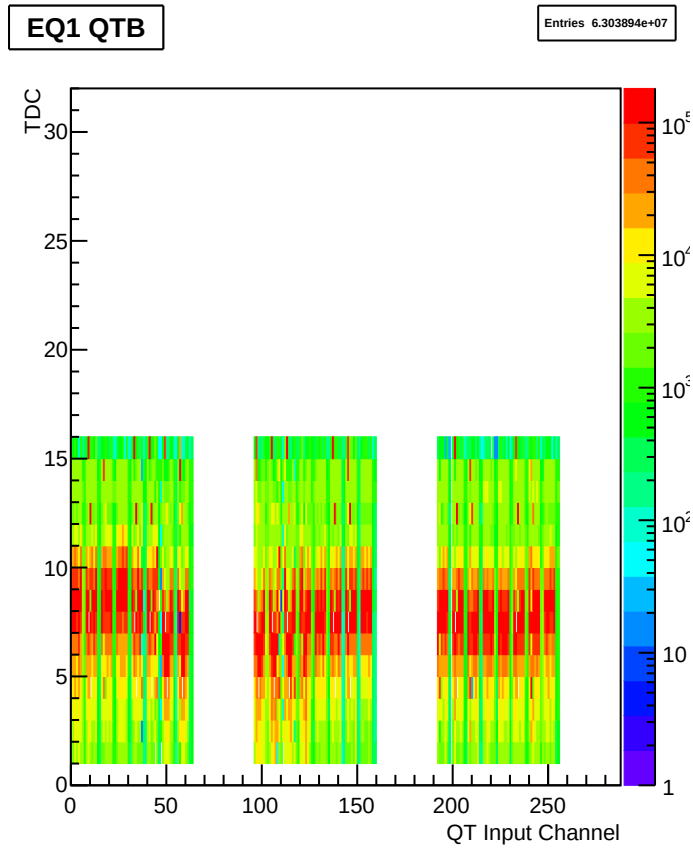

BBQ-VP001 East
Entries 1.041358e+07
ADC
QT Input Channel

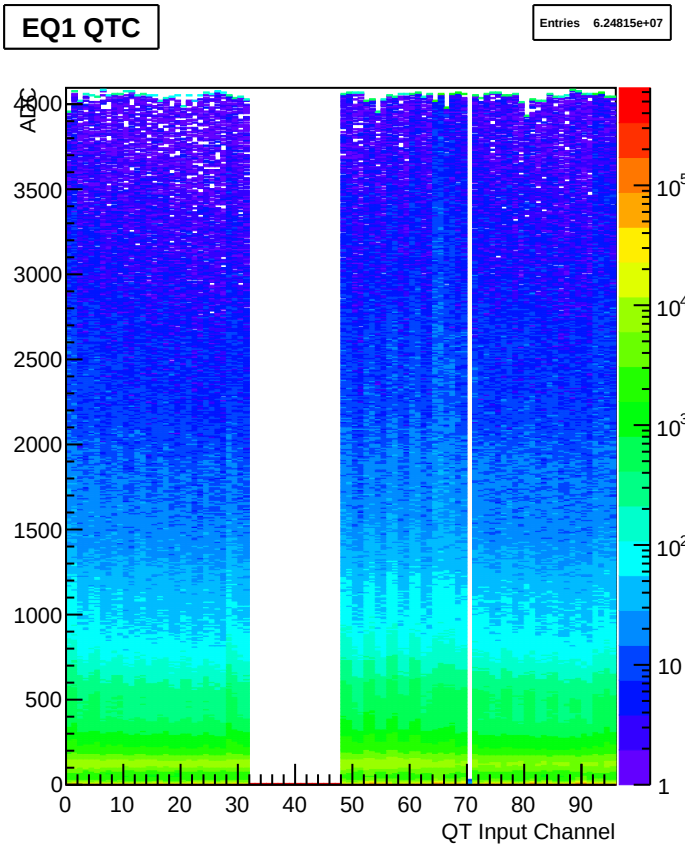

BBQ-VP001 East
Entries 1.041358e+07
TADC
QT Input Channel

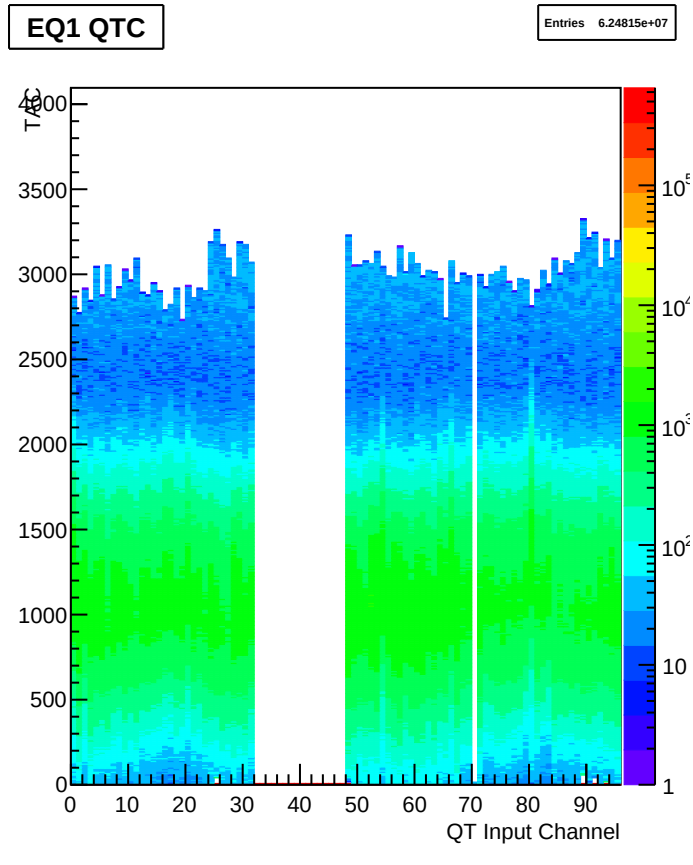

BBQ-VP002 West
Entries 1.041358e+07
ADC
QT Input Channel

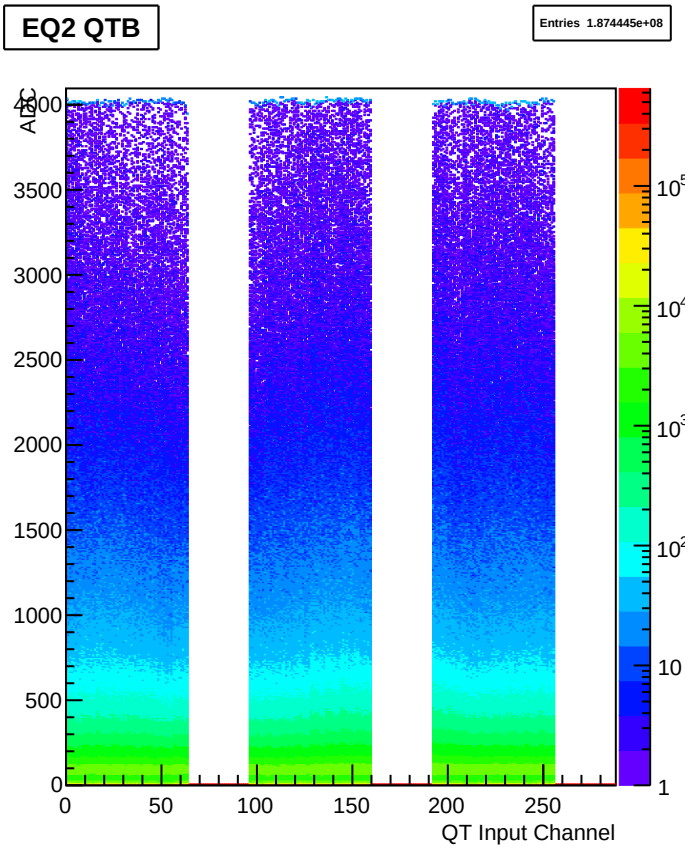

BBQ-VP002 West
Entries 1.041358e+07
TADC
QT Input Channel

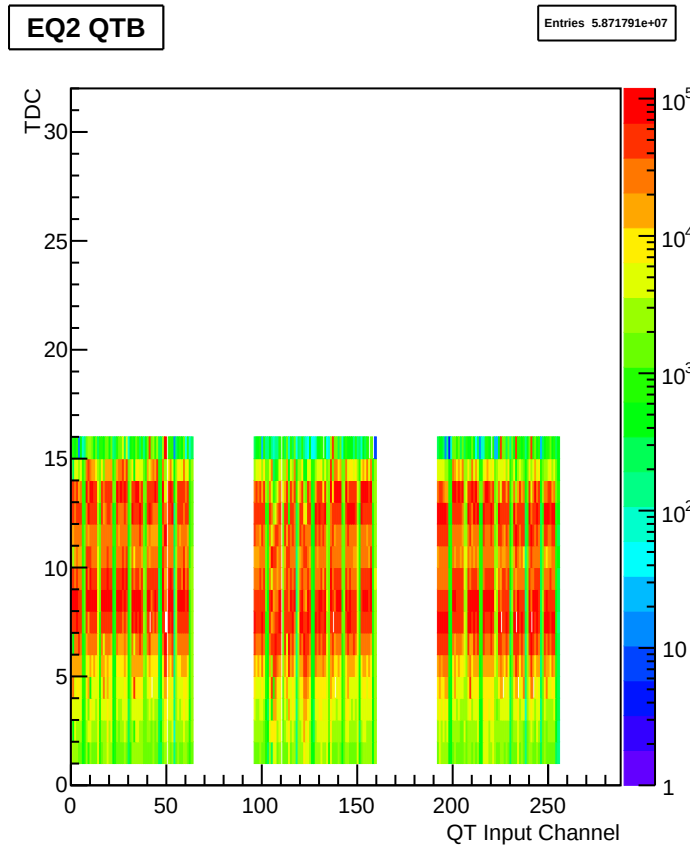

EQ1 QTB
Entries 1.874445e+08
ADC
QT Input Channel

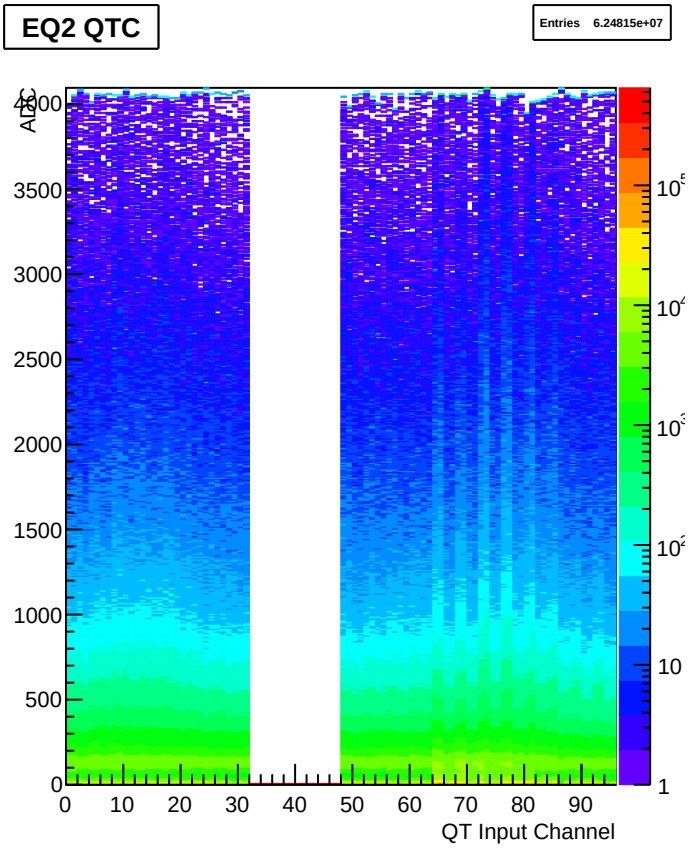

EQ1 QTB
Entries 6.303894e+07
TDC
QT Input Channel

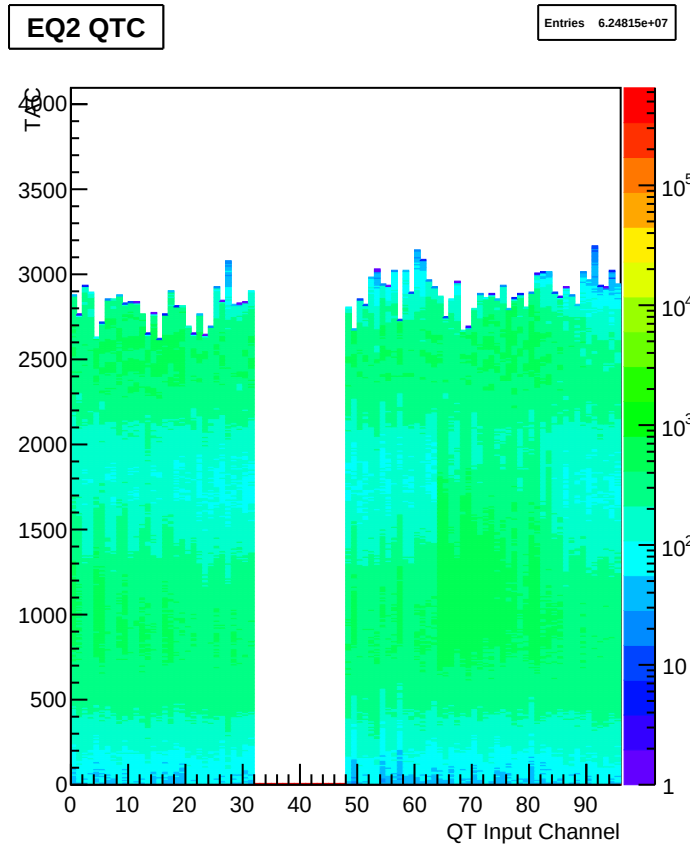

EQ1 QTC
Entries 6.24815e+07
ADC
QT Input Channel

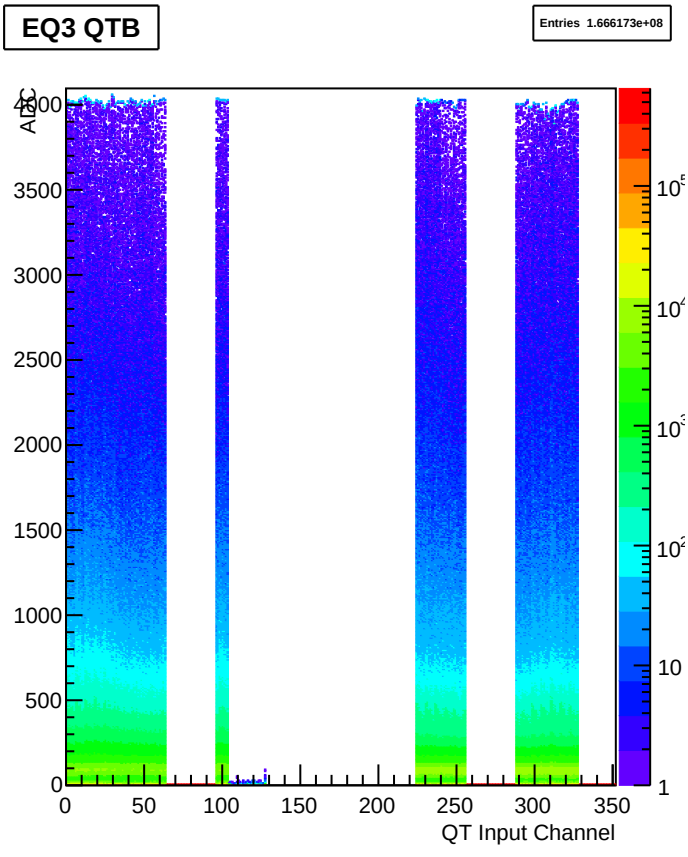

EQ1 QTC
Entries 6.24815e+07
TADC
QT Input Channel

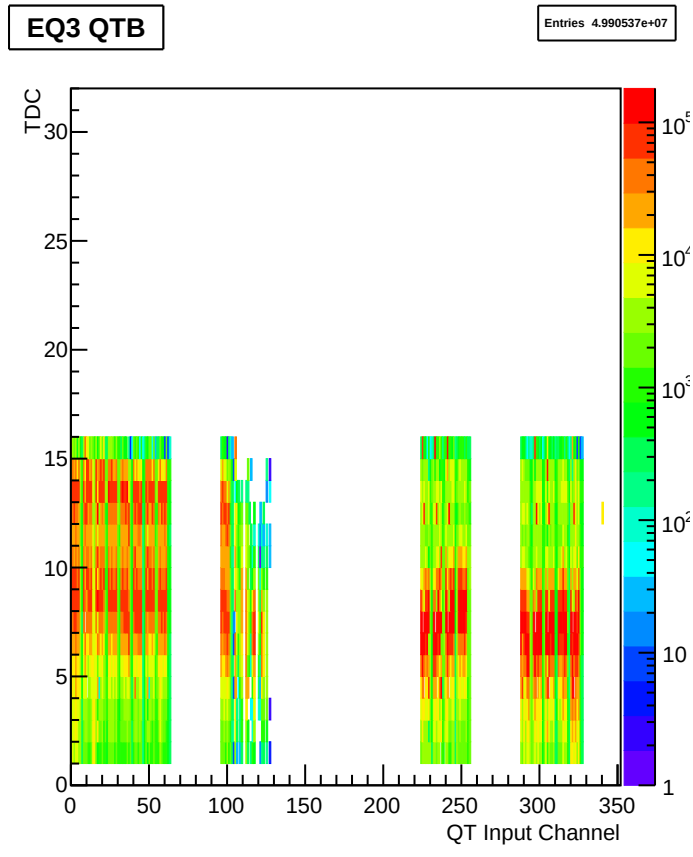

EQ2 QTB
Entries 1.874445e+08
ADC
QT Input Channel

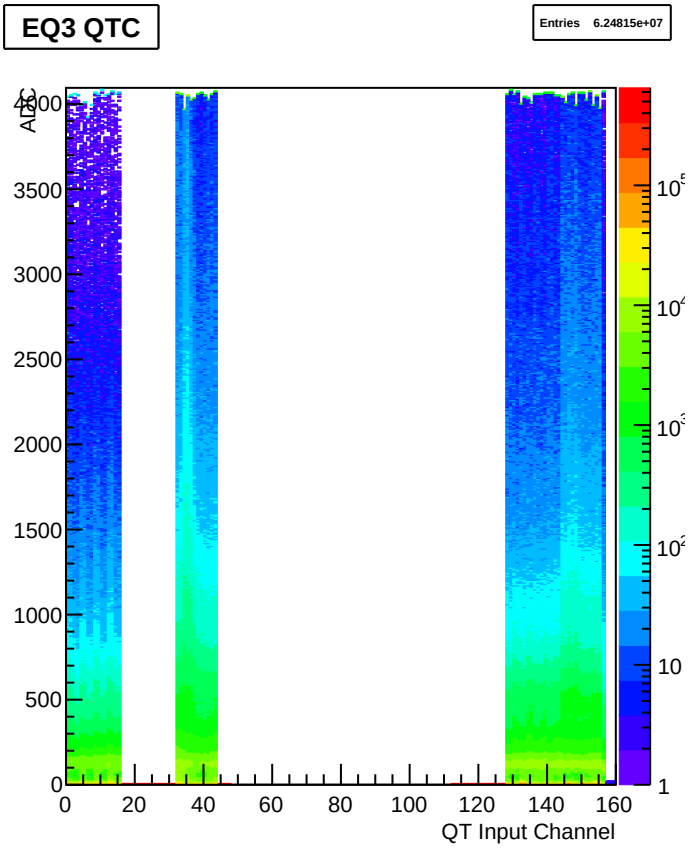

EQ2 QTB
Entries 5.871791e+07
TDC
QT Input Channel

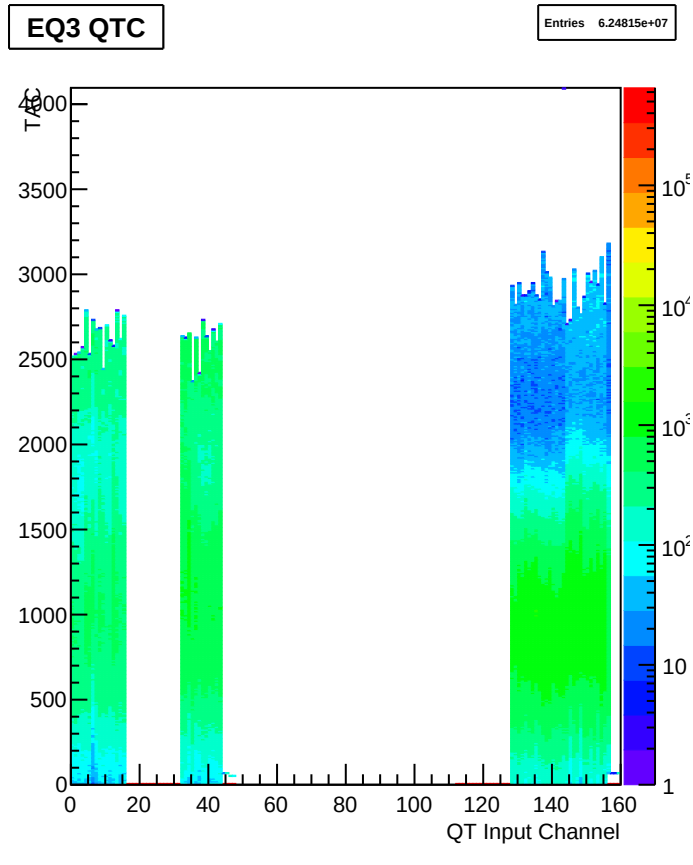

EQ2 QTC
Entries 6.24815e+07
ADC
QT Input Channel

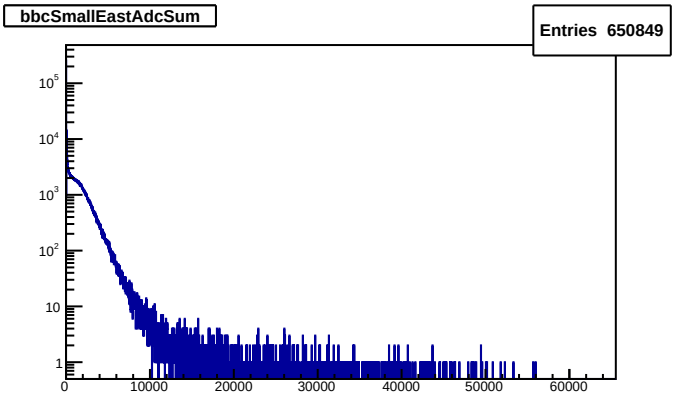

EQ2 QTC
Entries 6.24815e+07
TADC
QT Input Channel

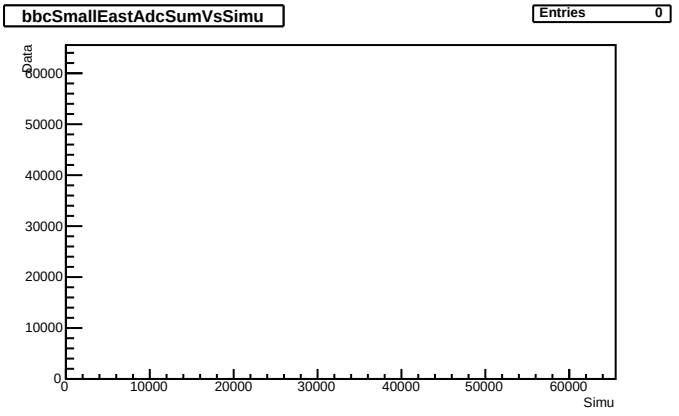

EQ3 QTB
Entries 1.666173e+08
ADC
QT Input Channel

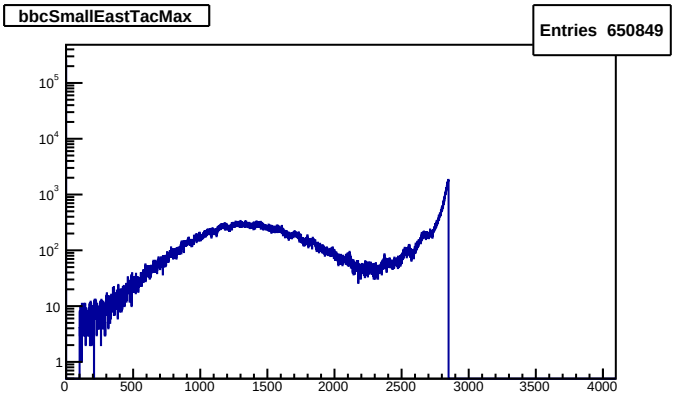

EQ3 QTB
Entries 4.990537e+07
TDC
QT Input Channel

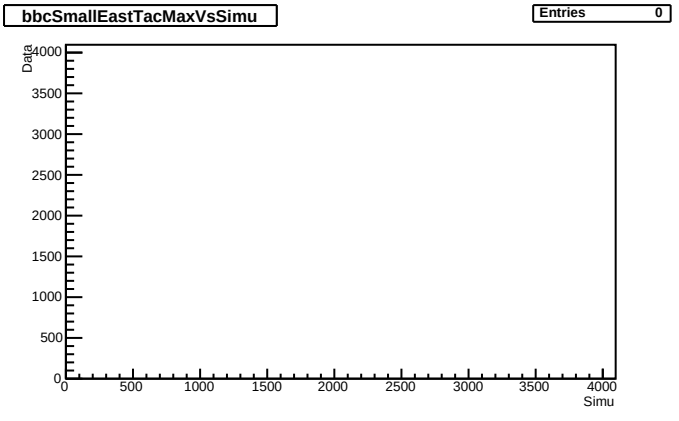

EQ3 QTC
Entries 6.24815e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.24815e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 650849


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 650849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Entries 0
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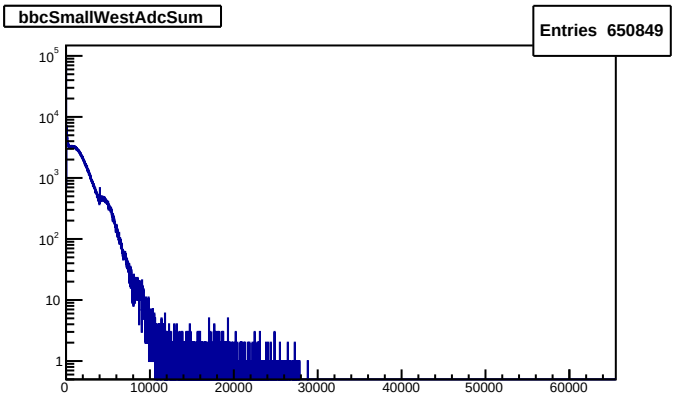
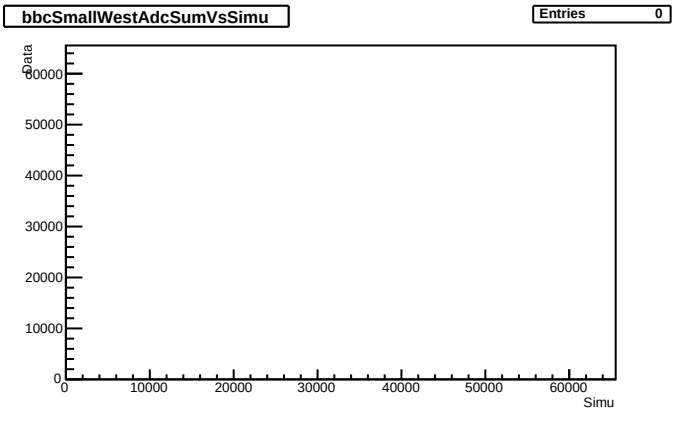
Simu


bbcSmallWestAdcSum
Entries 650849


bbcSmallWestAdcSumVsSimu
Entries 0
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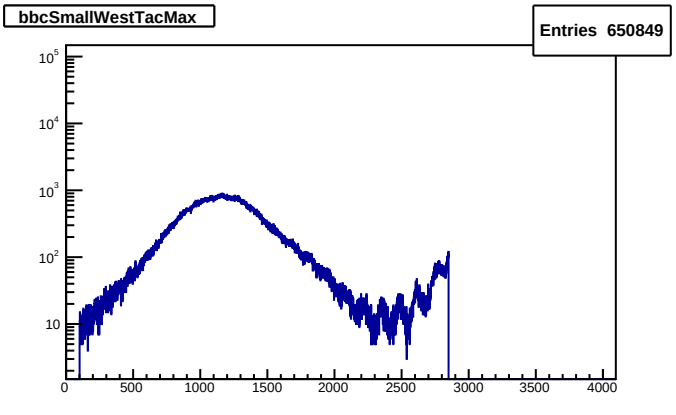
Simu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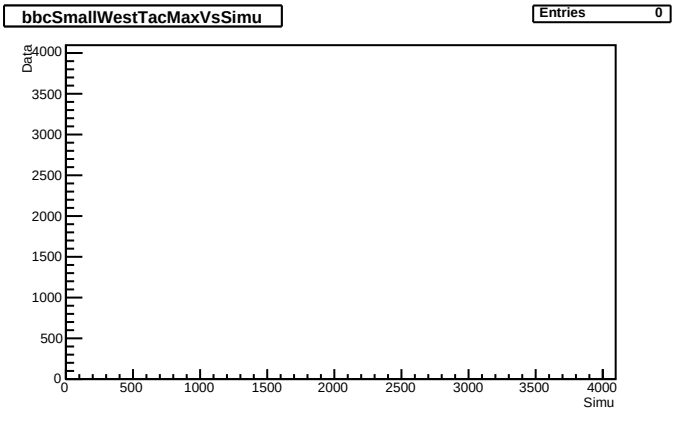
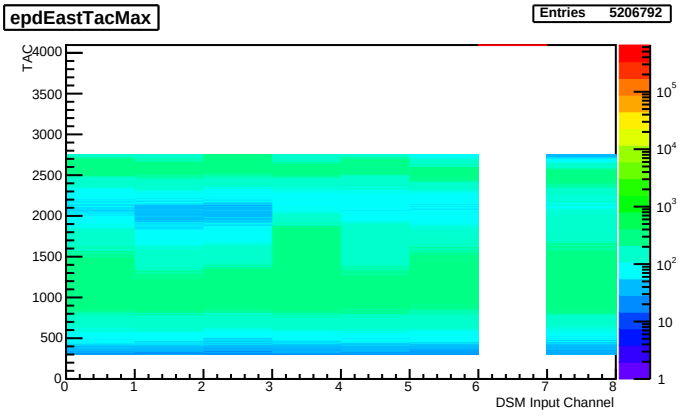
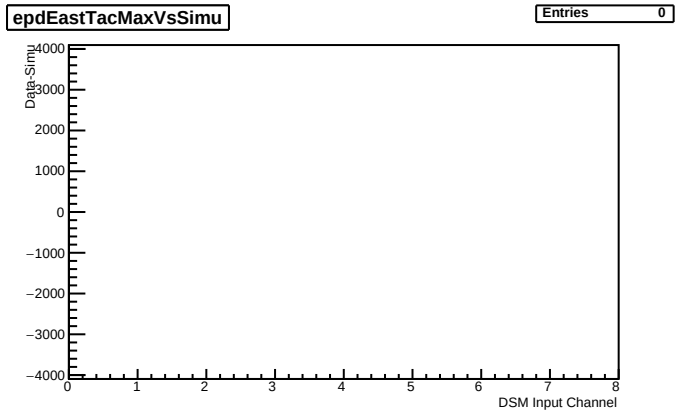
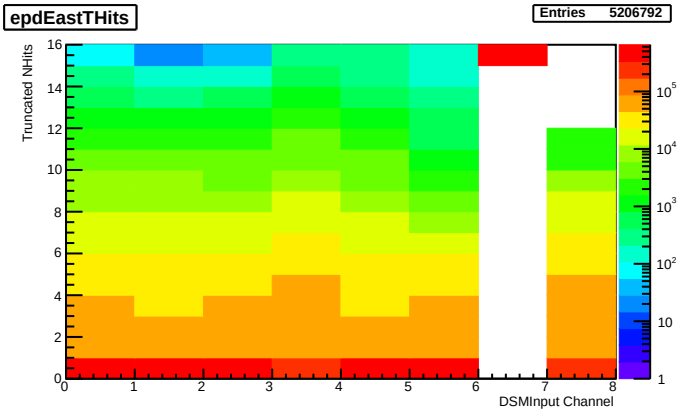
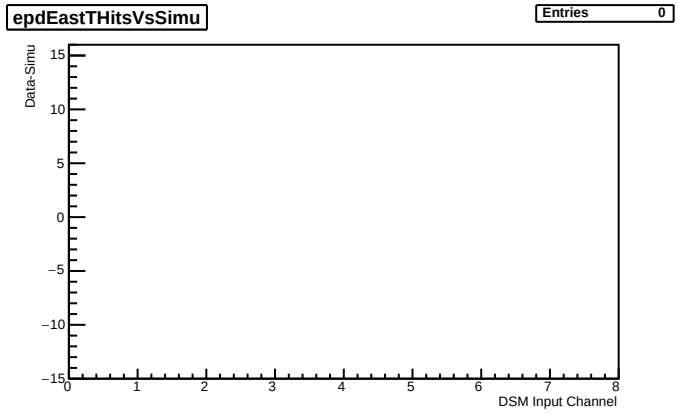
Entries 650849


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5206792
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5206792
Truncated NHits
DSMInput Channel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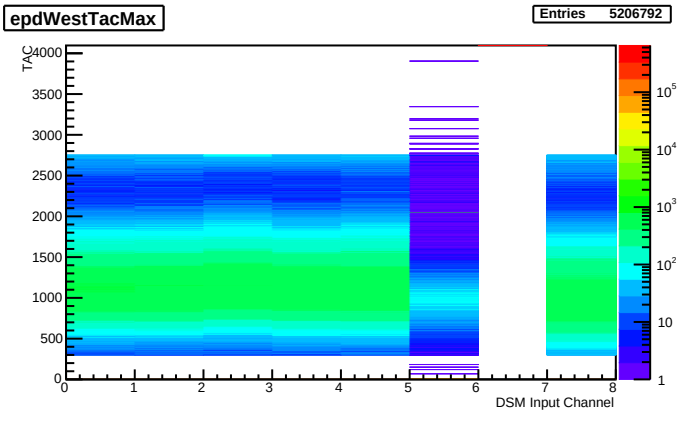
Entries 0
Data-Simu
DSM Input Channel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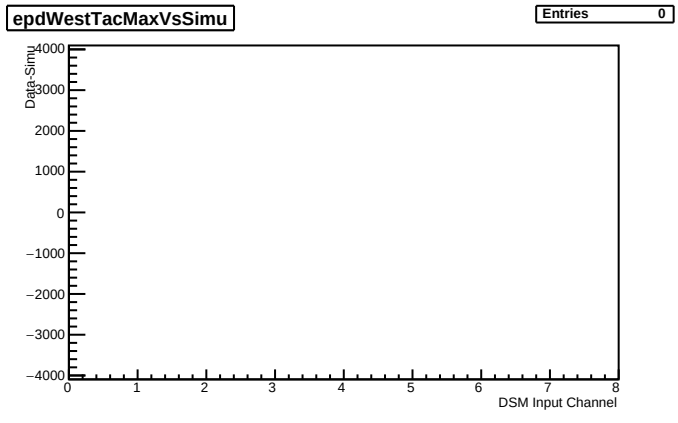
Entries 5206792
TAC
DSM Input Channel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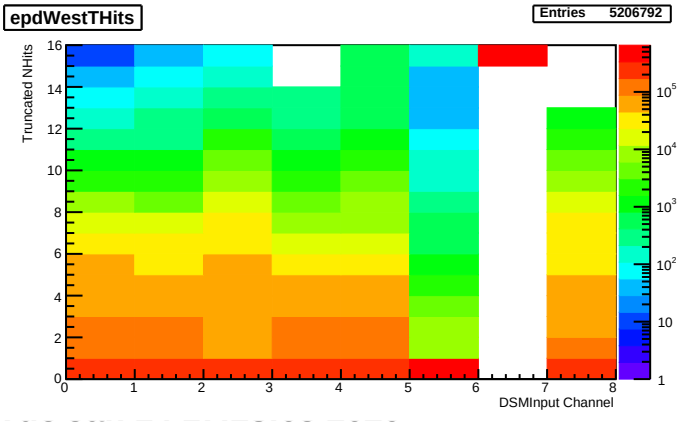
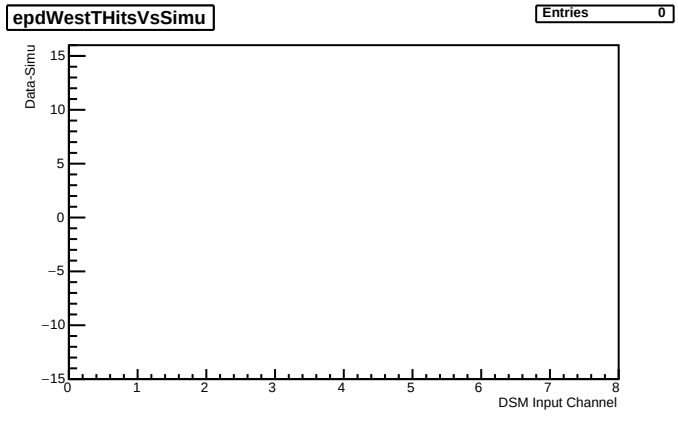
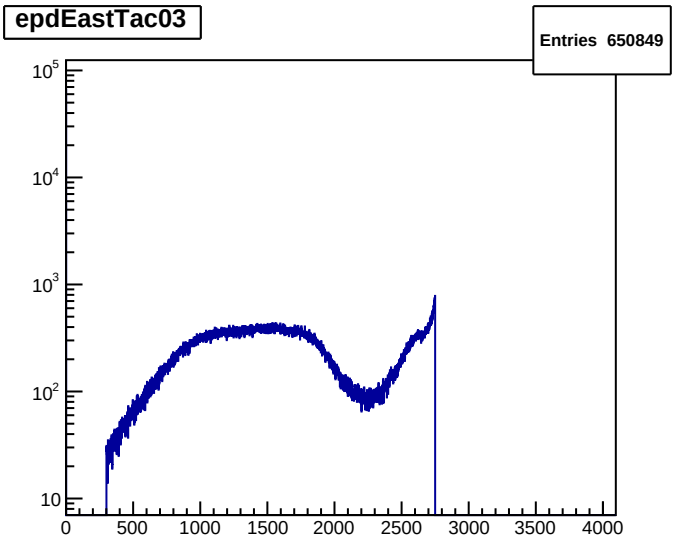
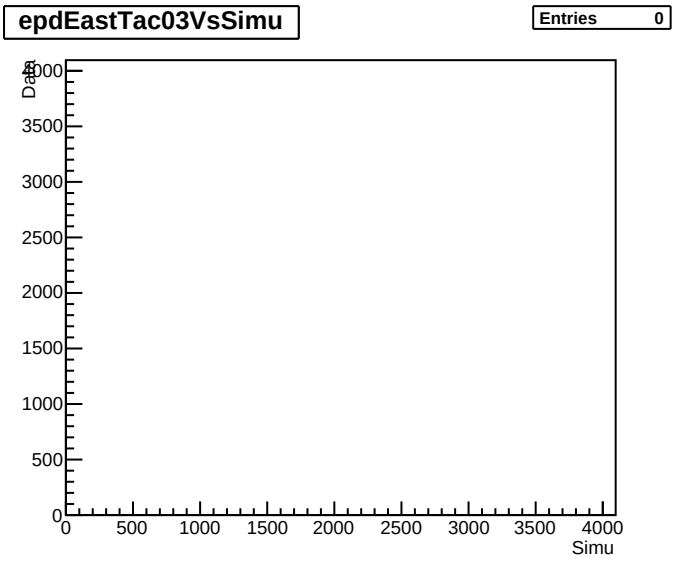
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5206792
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 650849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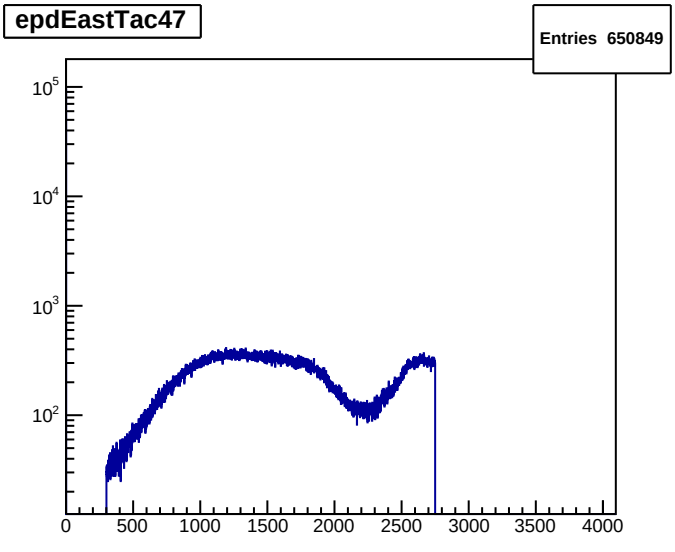
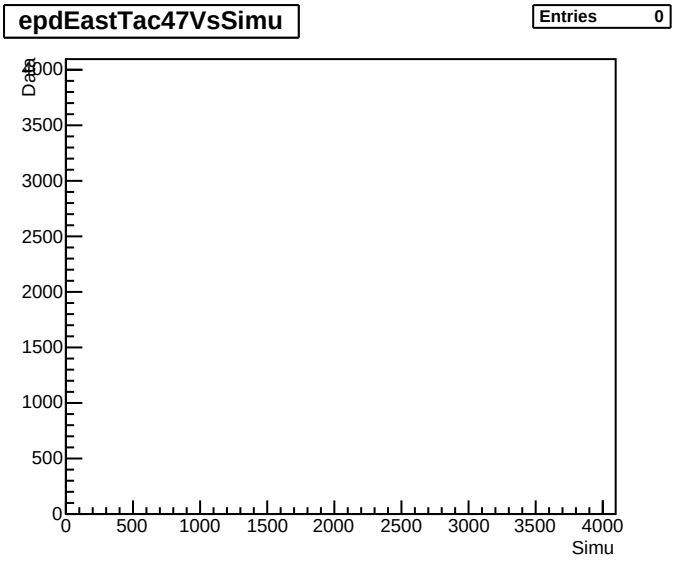
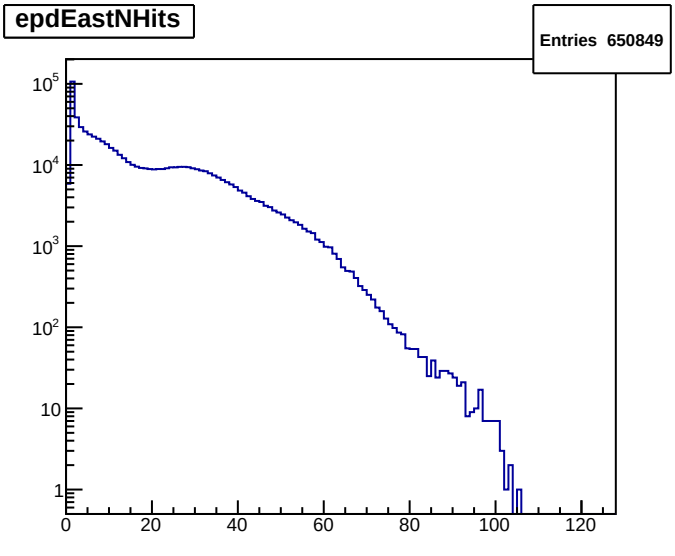
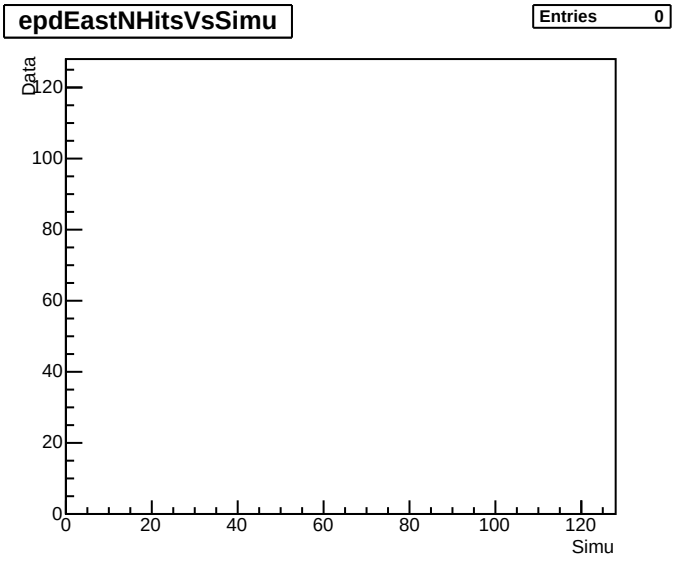
Entries 0
Data
Simu


epdEastTac47
Entries 650849


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 650849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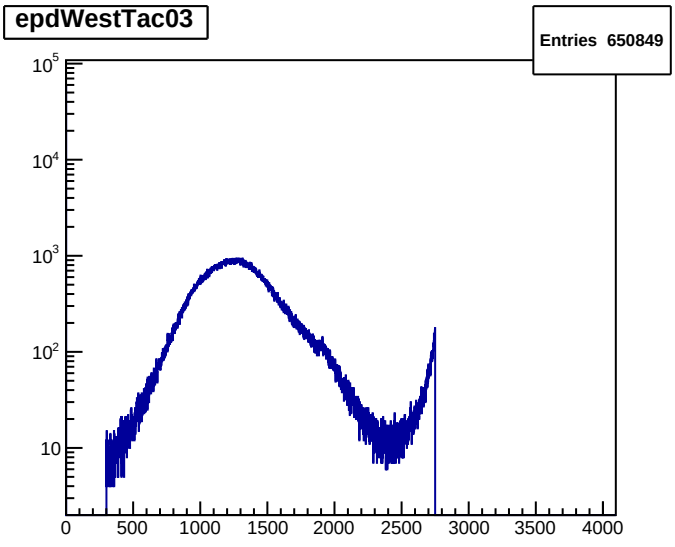
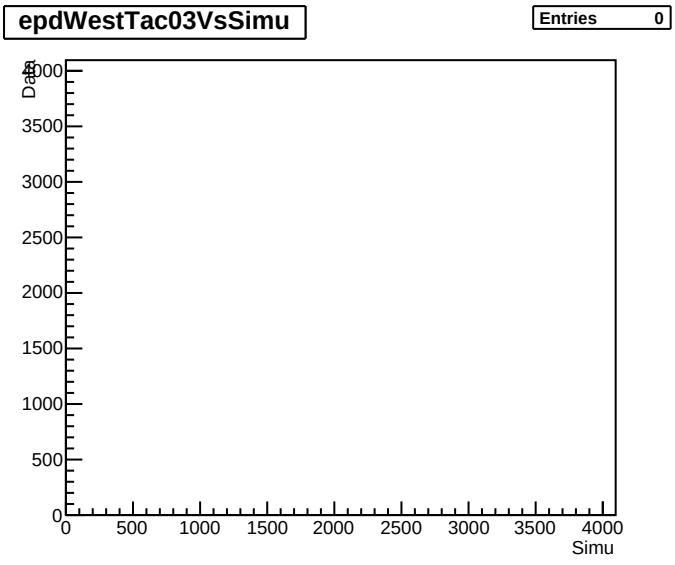
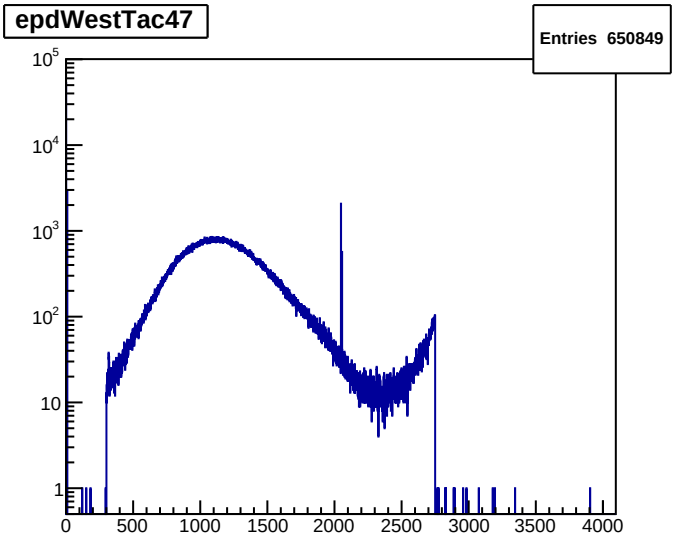
Entries 0
Data
Simu


epdWestTac03
Entries 650849


epdWestTac03VsSimu
Entries 0
Data
Simu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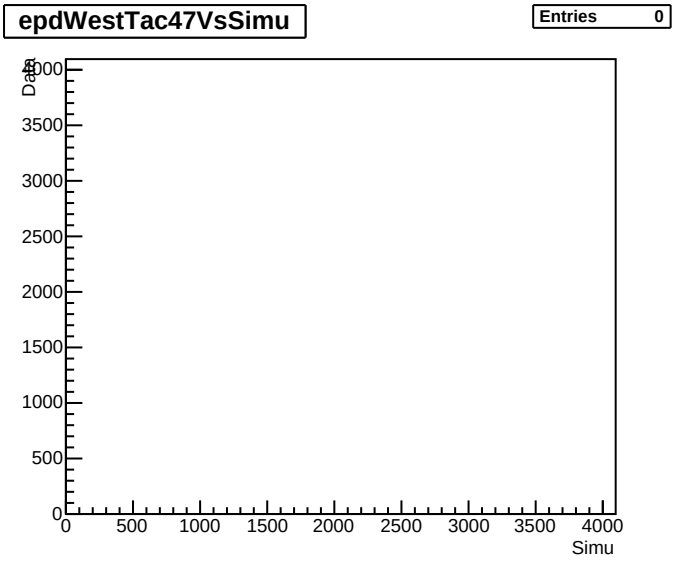
Entries 650849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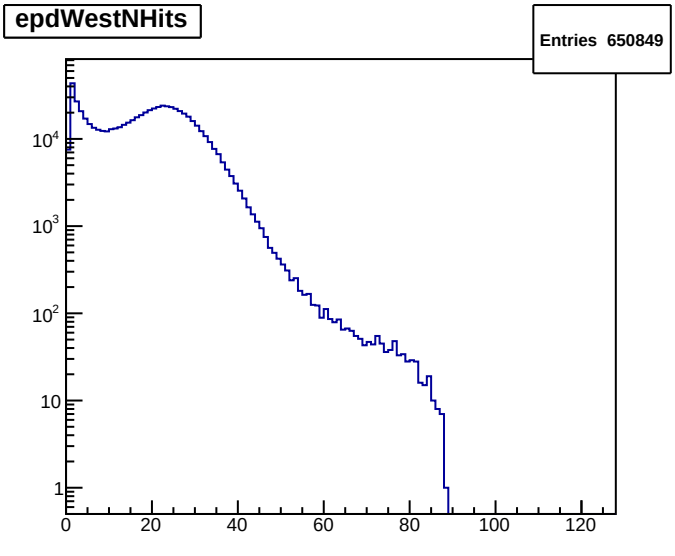
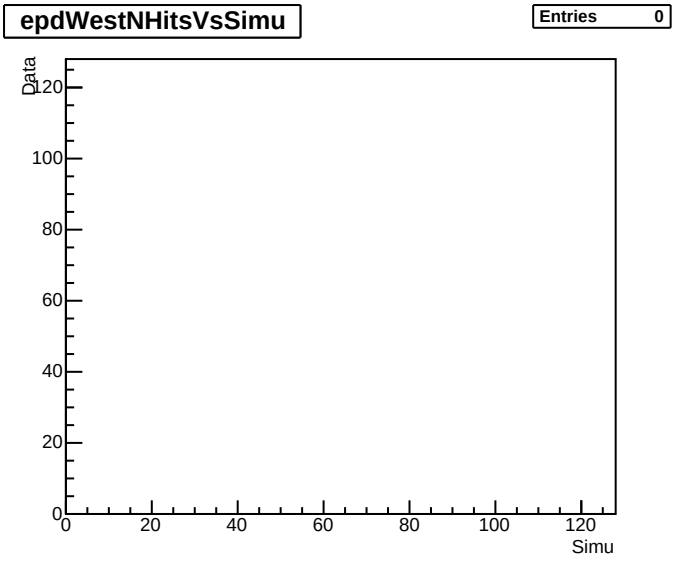
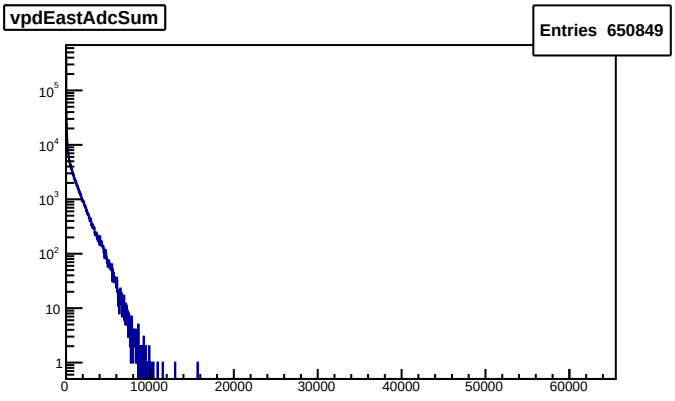
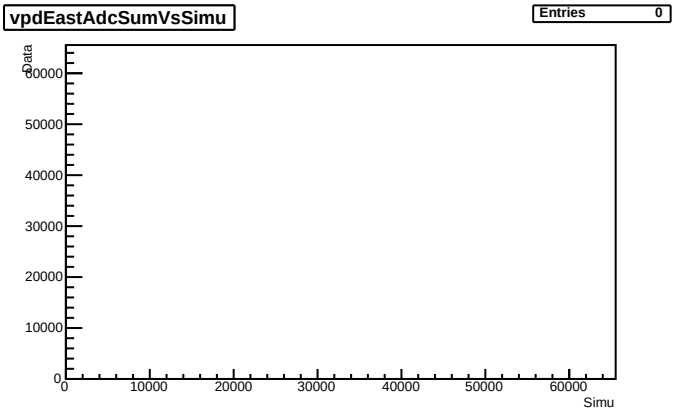
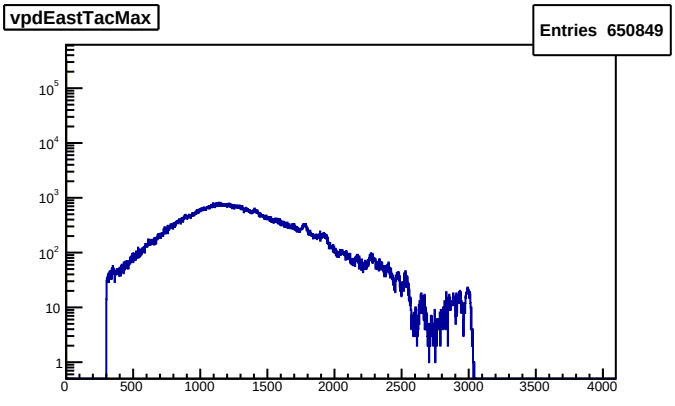
Entries 0
Data
Simu

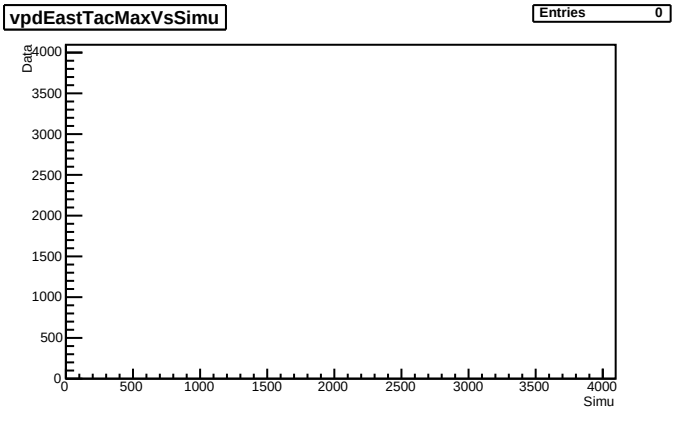

epdWestNHits
Entries 650849


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 650849


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 650849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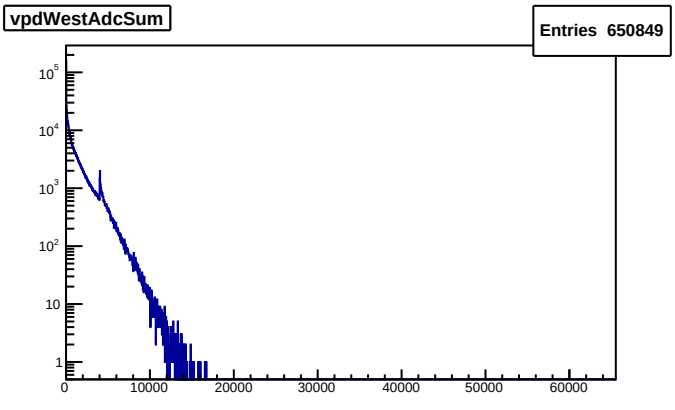
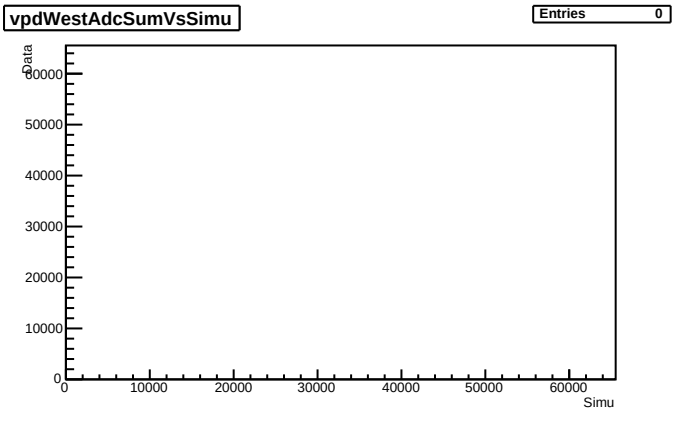
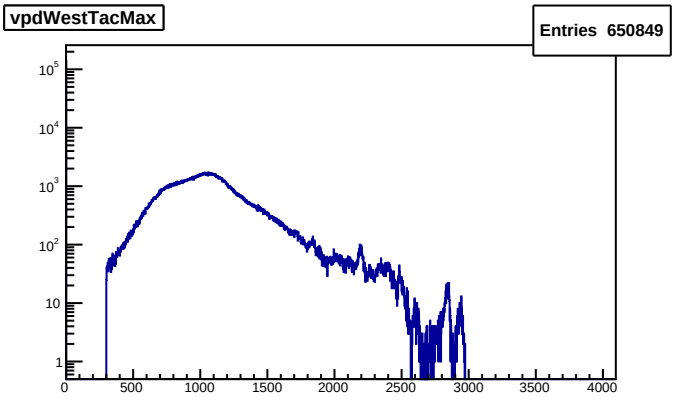
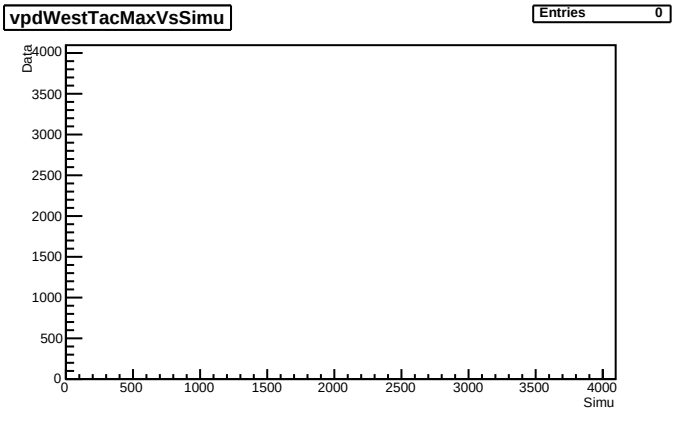
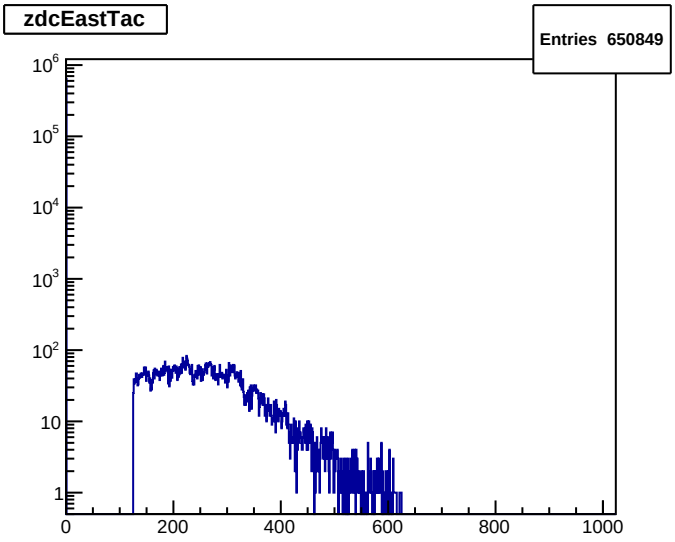
Entries 0
Data
Simu

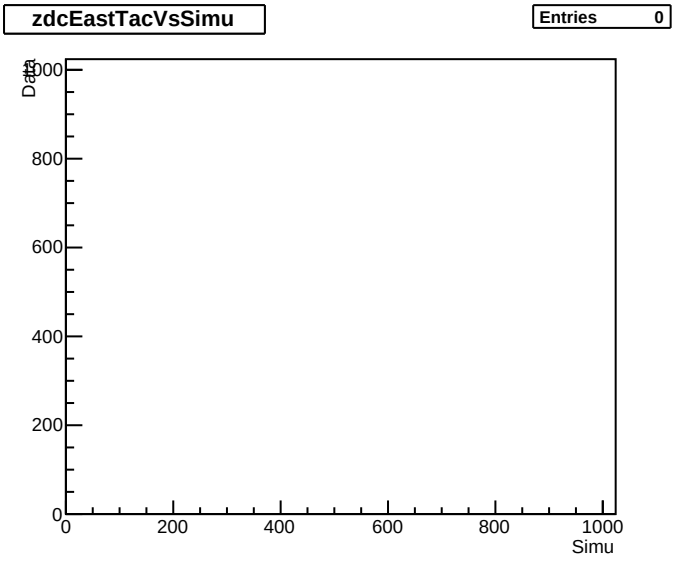

vpdWestAdcSum
Entries 650849

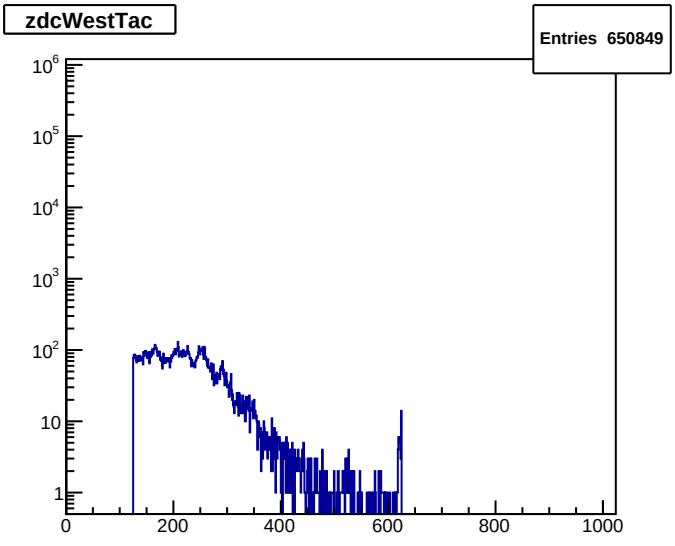

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

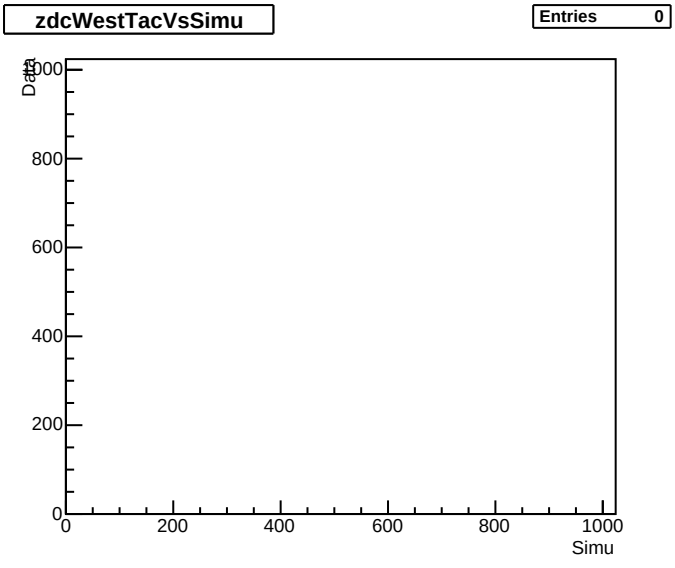

vpdWestTacMax
Entries 650849

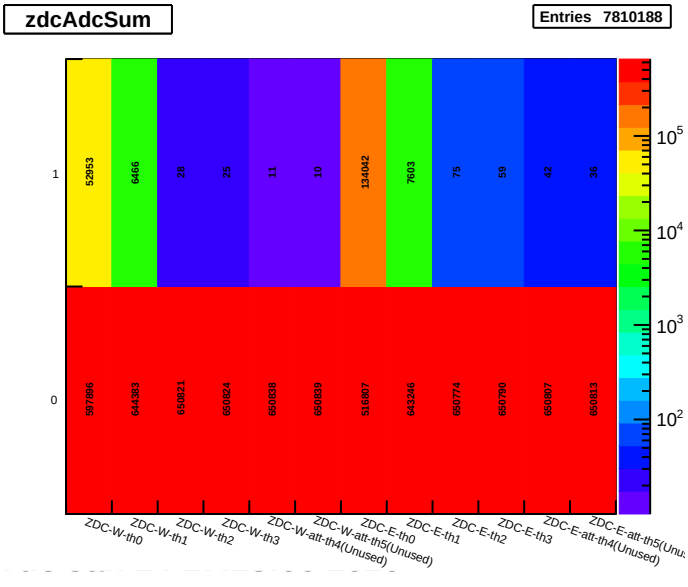

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

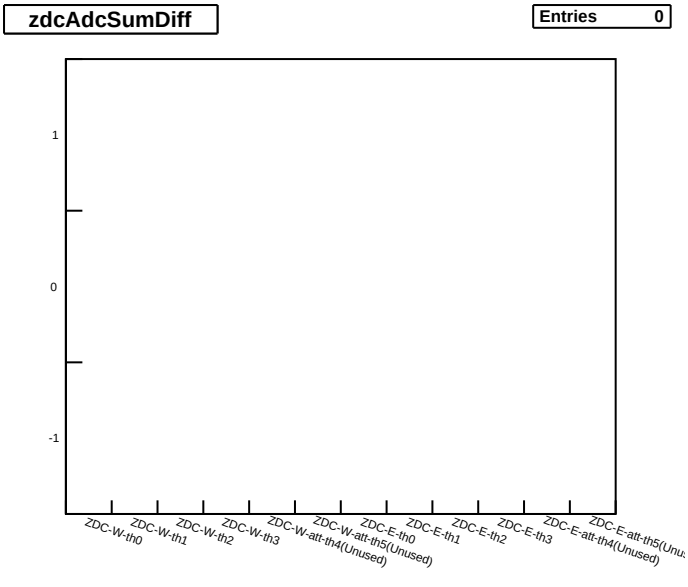

zdcEastTac
Entries 650849

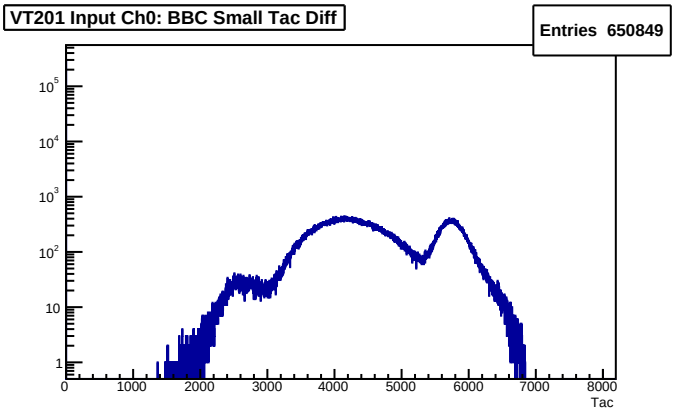

zdcEastTacVsSimu
Entries 0
Data
Simu

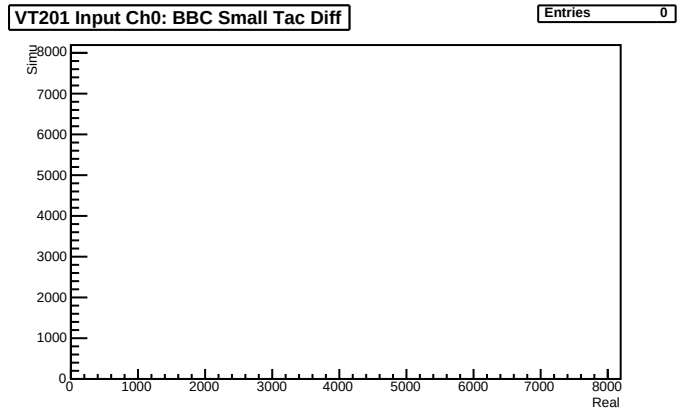

zdcWestTac
Entries 650849

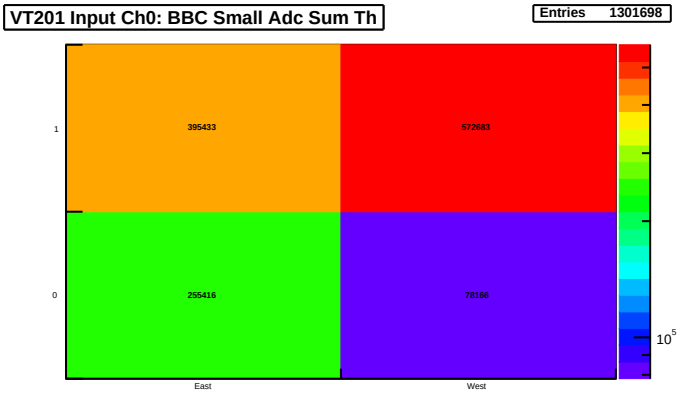

zdcWestTacVsSimu
Entries 0
Data
Simu

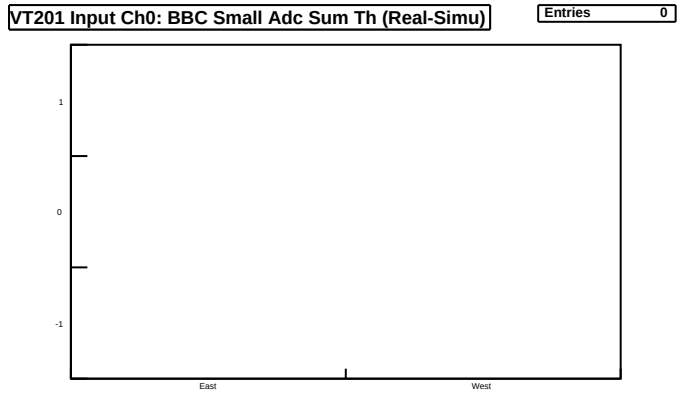

zdcAdcSum
Entries 7810188
52953
6466
28
25
11
10
134042
7603
75
59
42
36
597886
644383
650821
650824
650838
650839
516807
643246
650774
650790
650807
650813
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

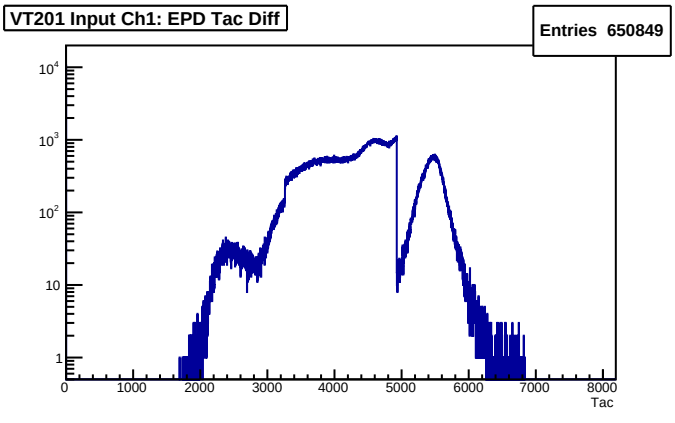

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

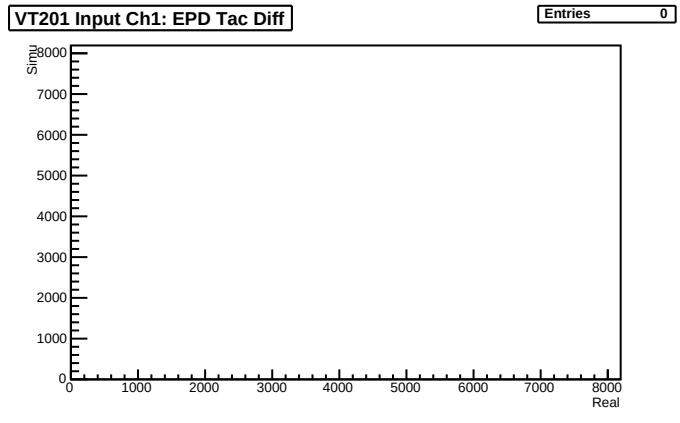

VT201 Input Ch0: BBC Small Tac Diff
Entries 650849
Tac

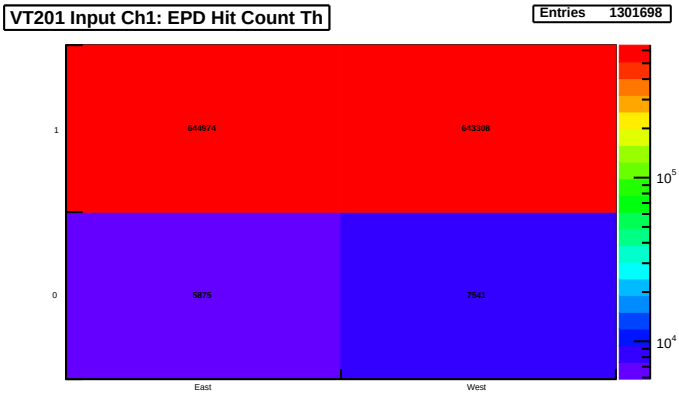

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

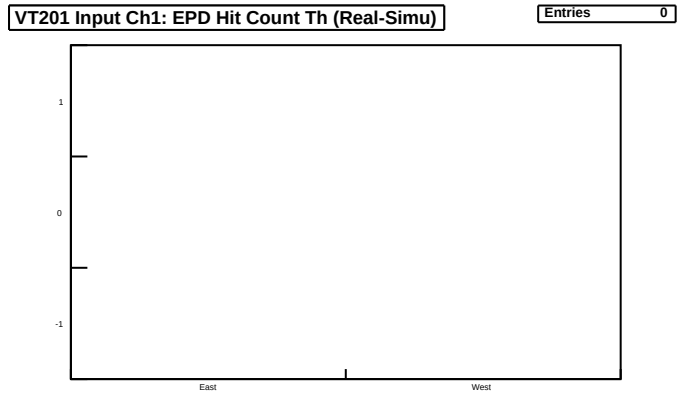

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1301698
395433
572683
255416
78166
East
West

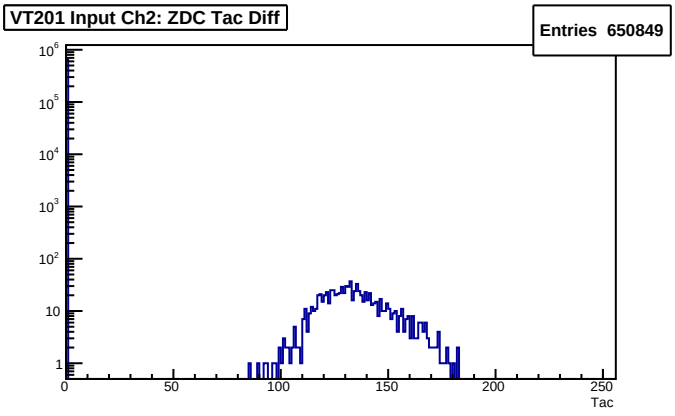

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

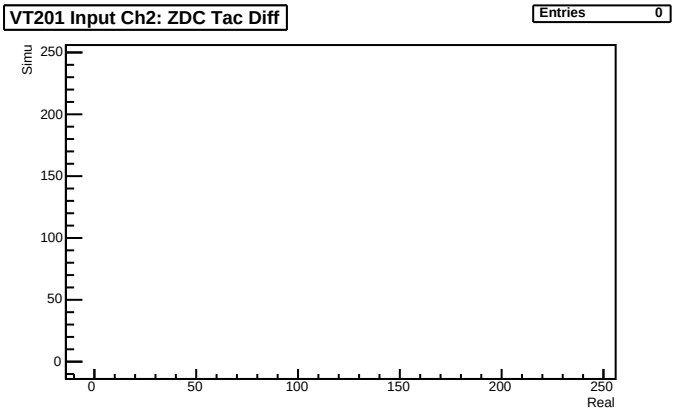

VT201 Input Ch1: EPD Tac Diff
Entries 650849
Tac

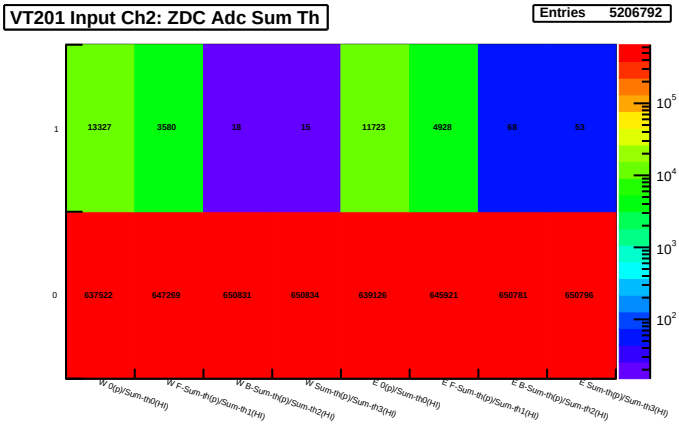

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

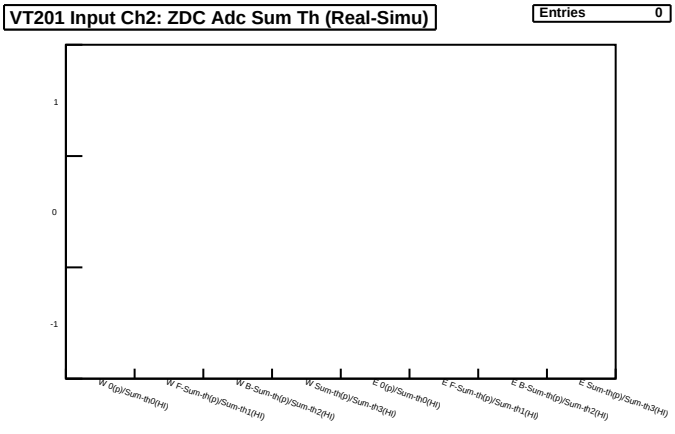

VT201 Input Ch1: EPD Hit Count Th
Entries 1301698
644974
643308
5875
7541
East
West

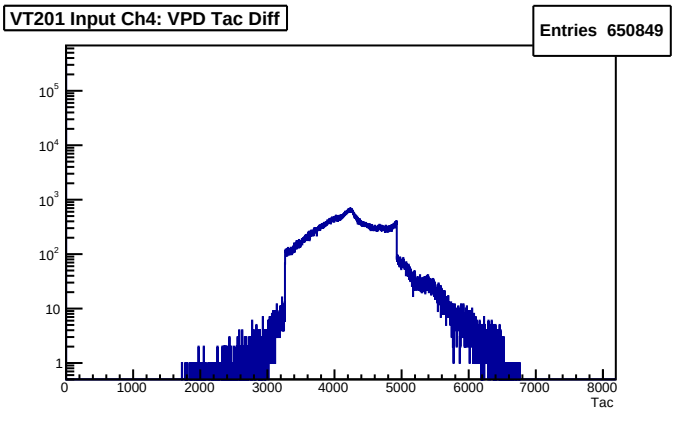

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

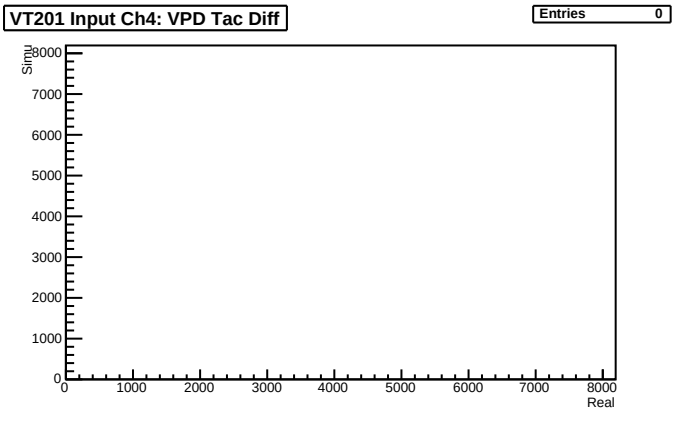

VT201 Input Ch2: ZDC Tac Diff
Entries 650849
Tac

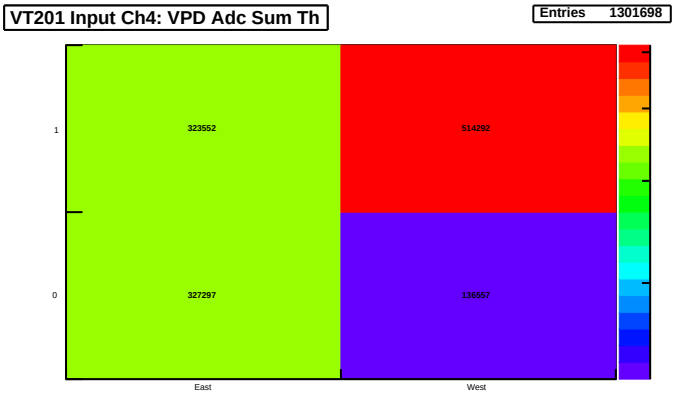

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

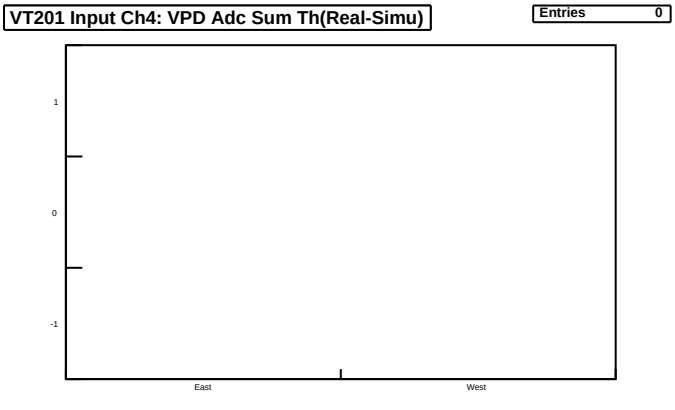

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5206792
13327
3580
18
15
11723
4928
68
53
637522
647269
650831
650834
639126
645921
650781
650796
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

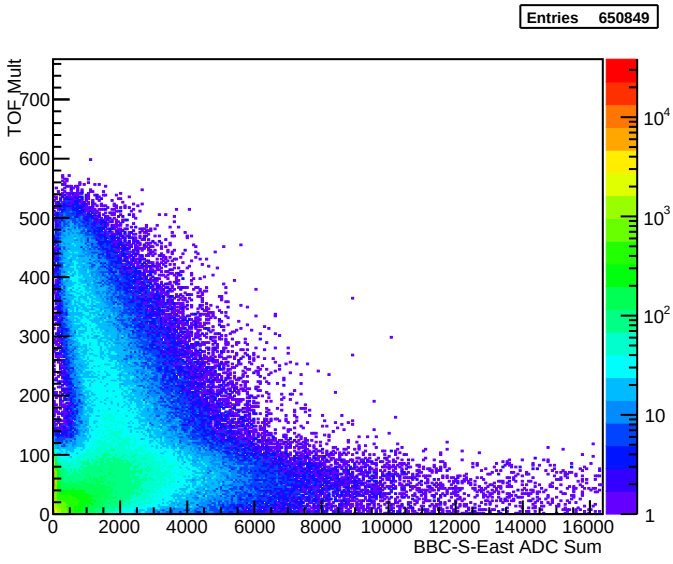

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

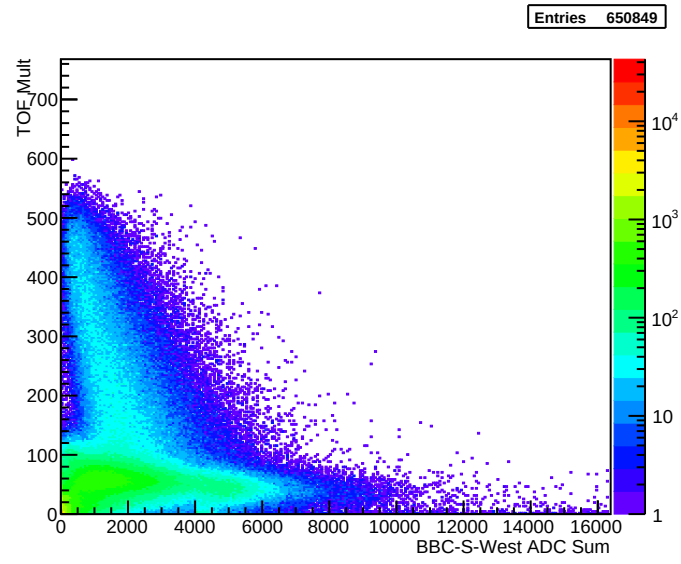

VT201 Input Ch4: VPD Tac Diff
Entries 650849
Tac

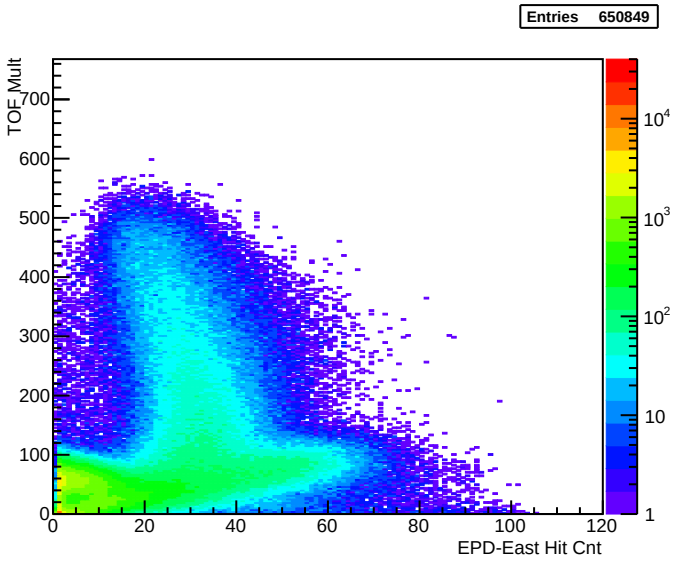

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

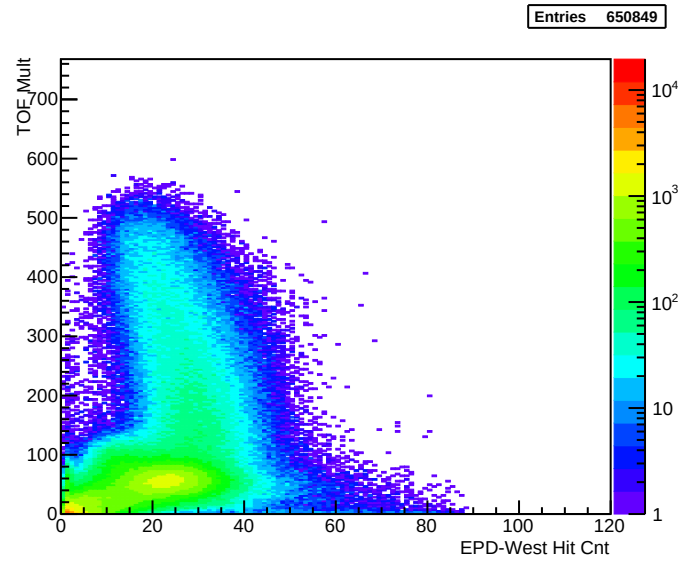

VT201 Input Ch4: VPD Adc Sum Th
Entries 1301698
323552
514292
327297
136557
East
West

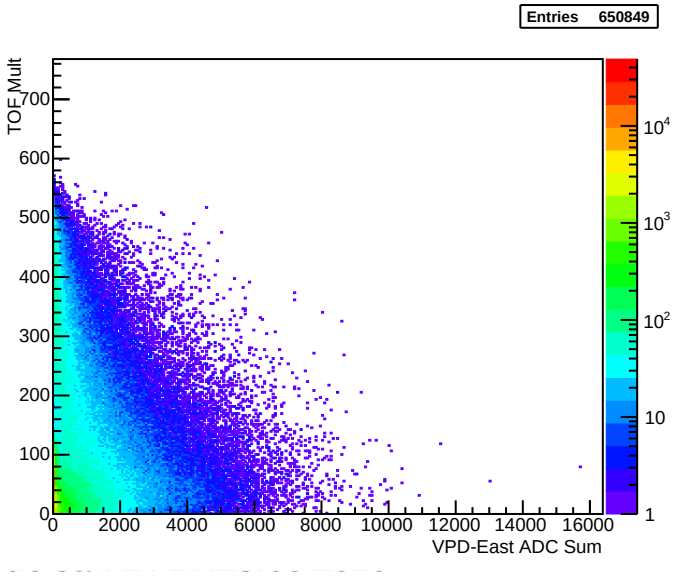

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

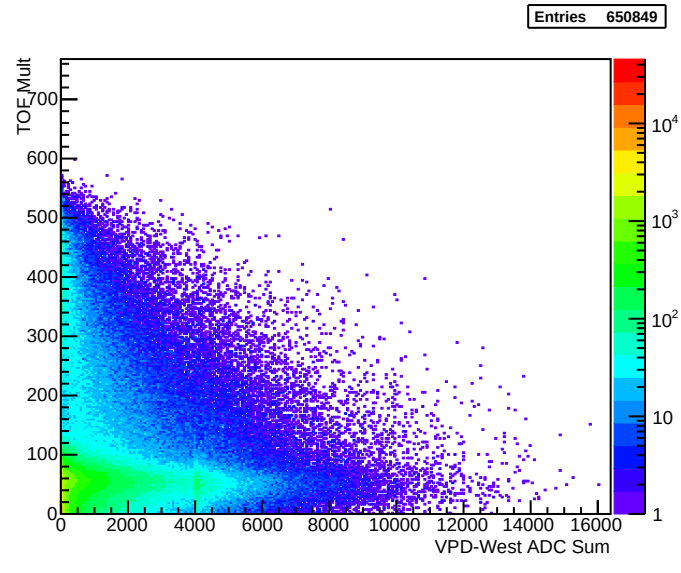

Entries 650849
TOF_Mult
BBC-S-East ADC Sum

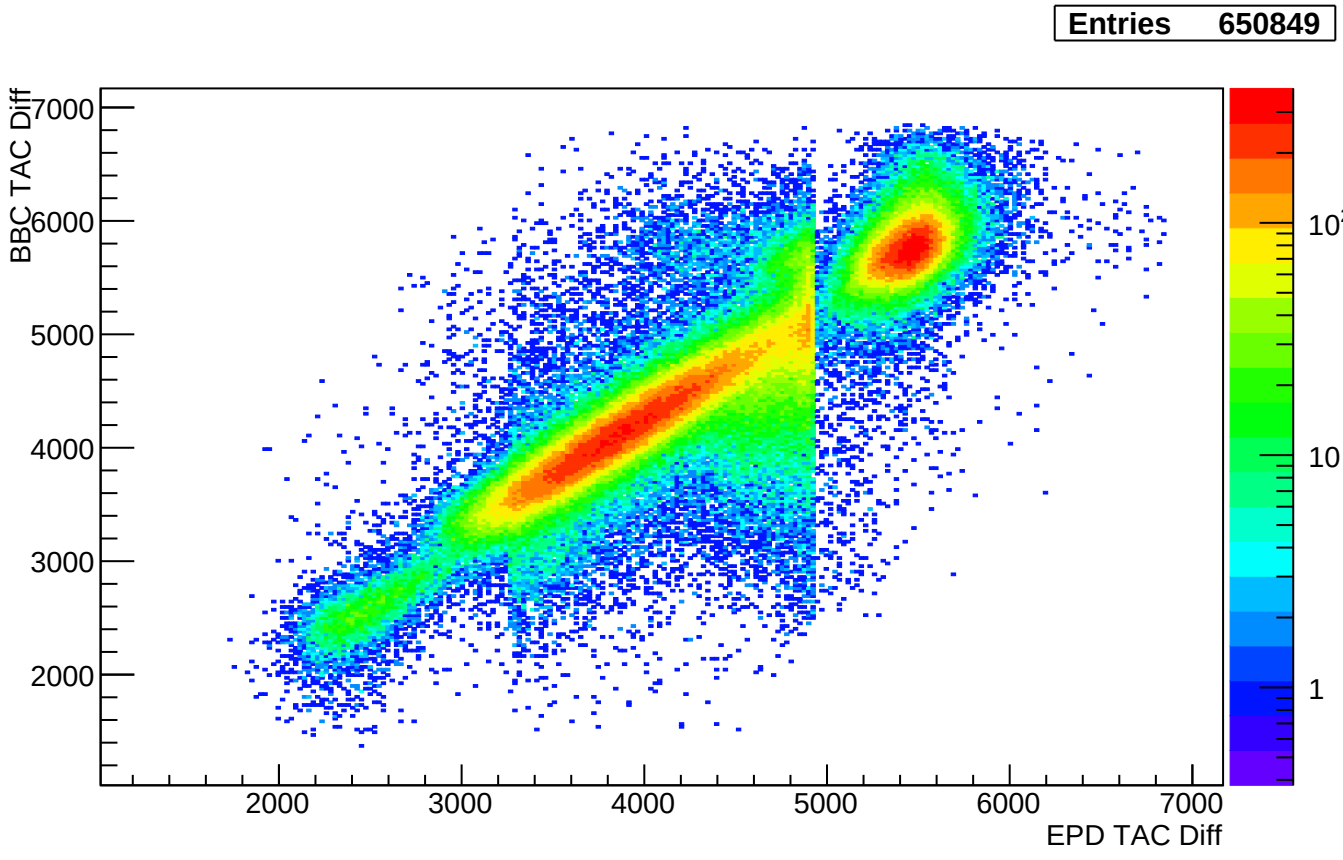

Entries 650849
TOF_Mult
BBC-S-West ADC Sum

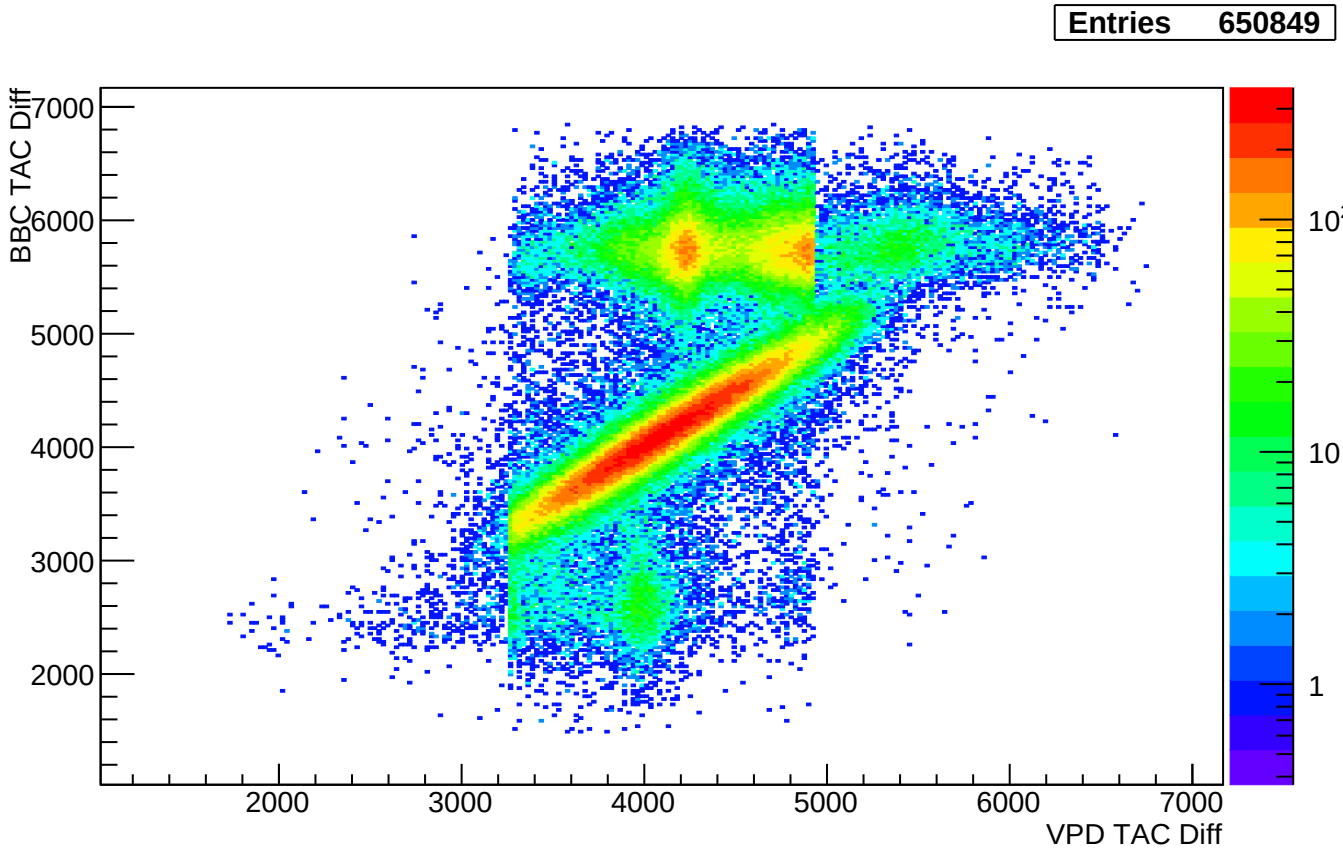

Entries 650849
TOF_Mult
EPD-East Hit Cnt

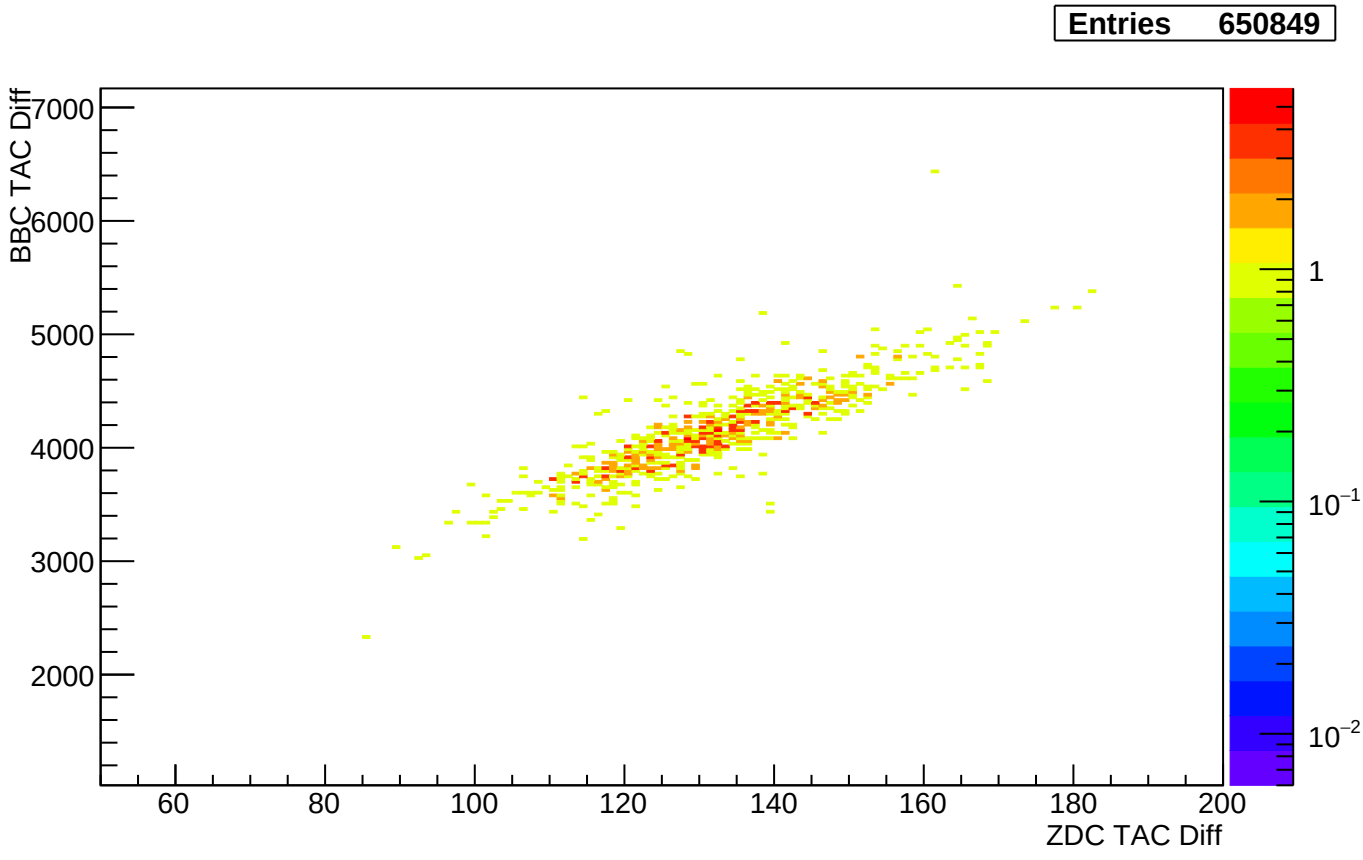

Entries 650849
TOF_Mult
EPD-West Hit Cnt

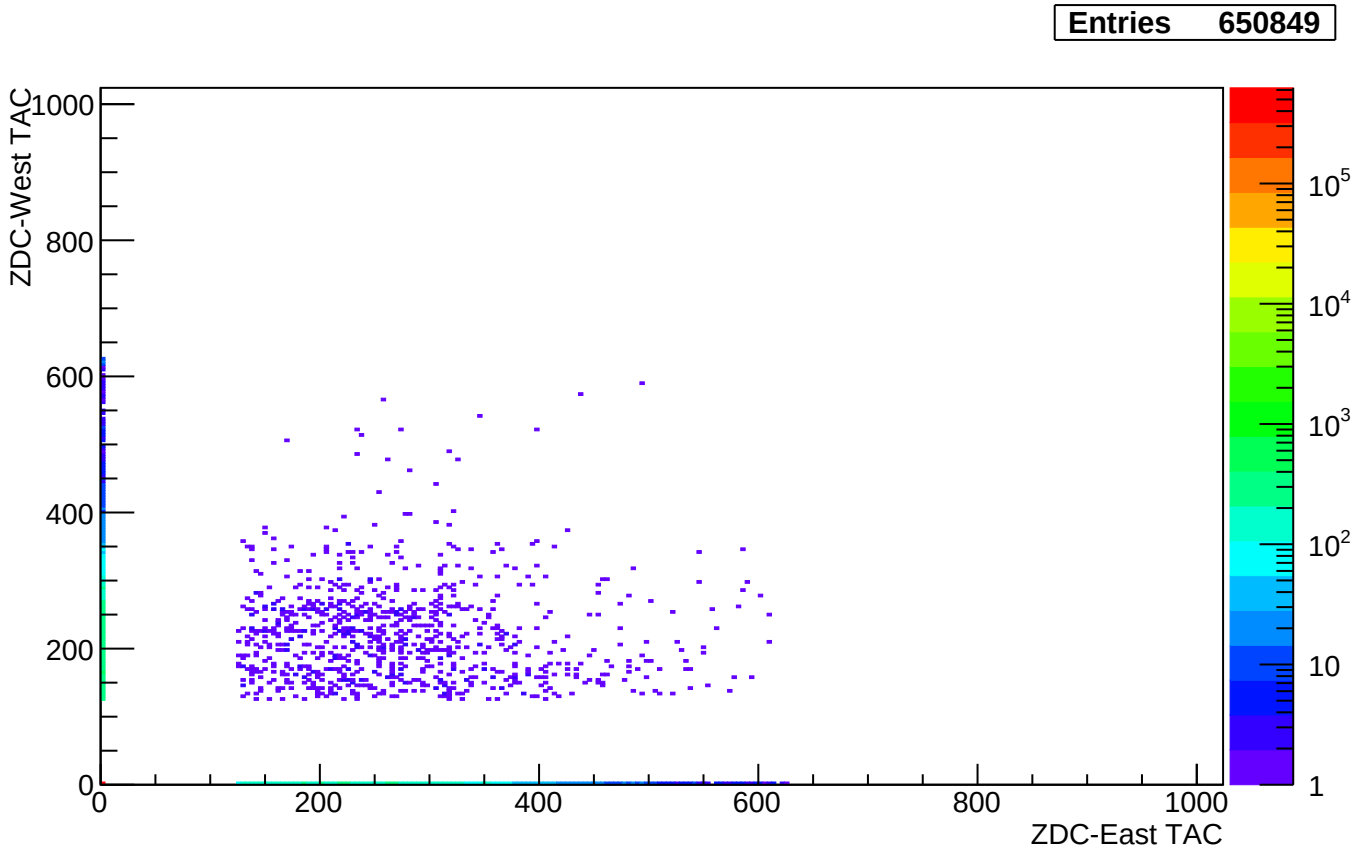

Entries 650849
TOF_Mult
VPD-East ADC Sum

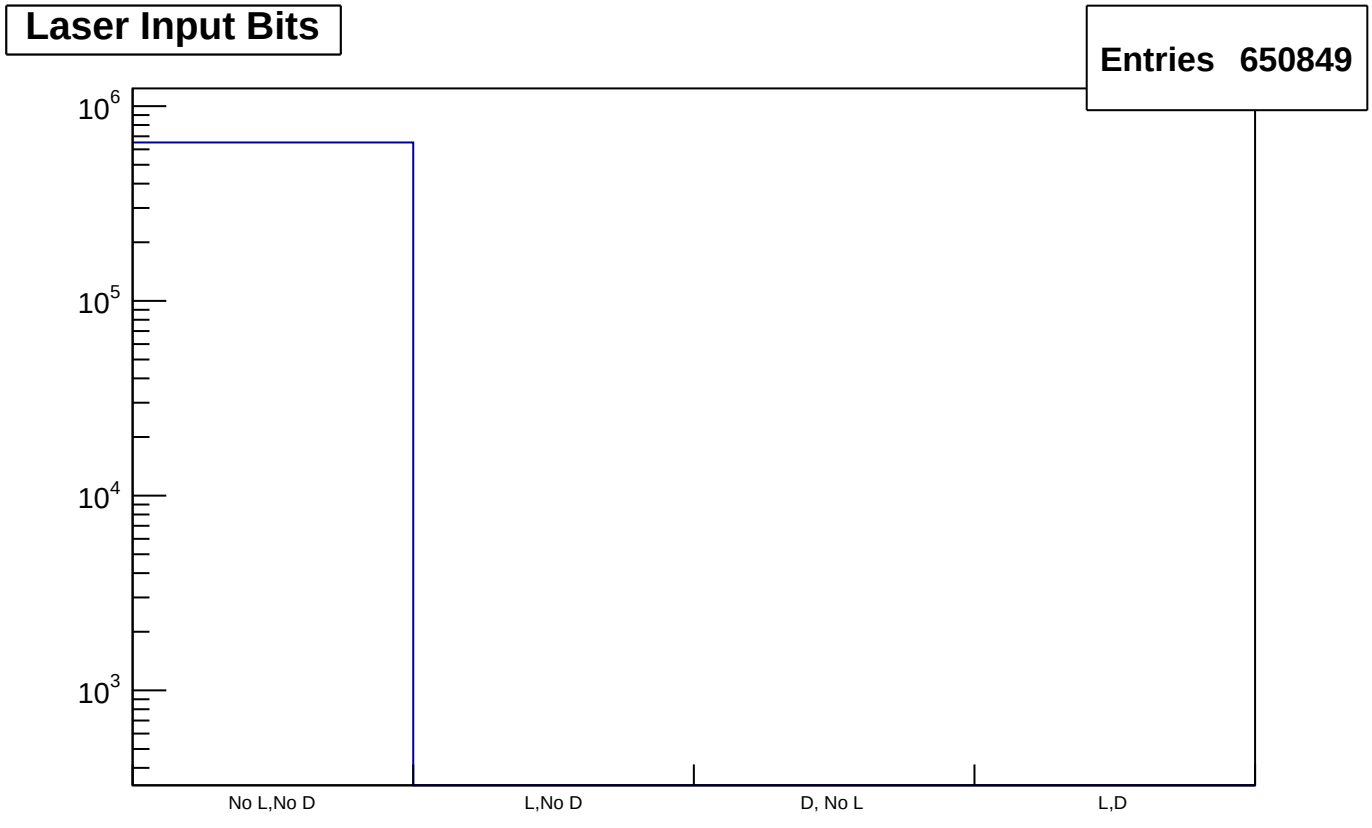

Entries 650849
TOF_Mult
VPD-West ADC Sum

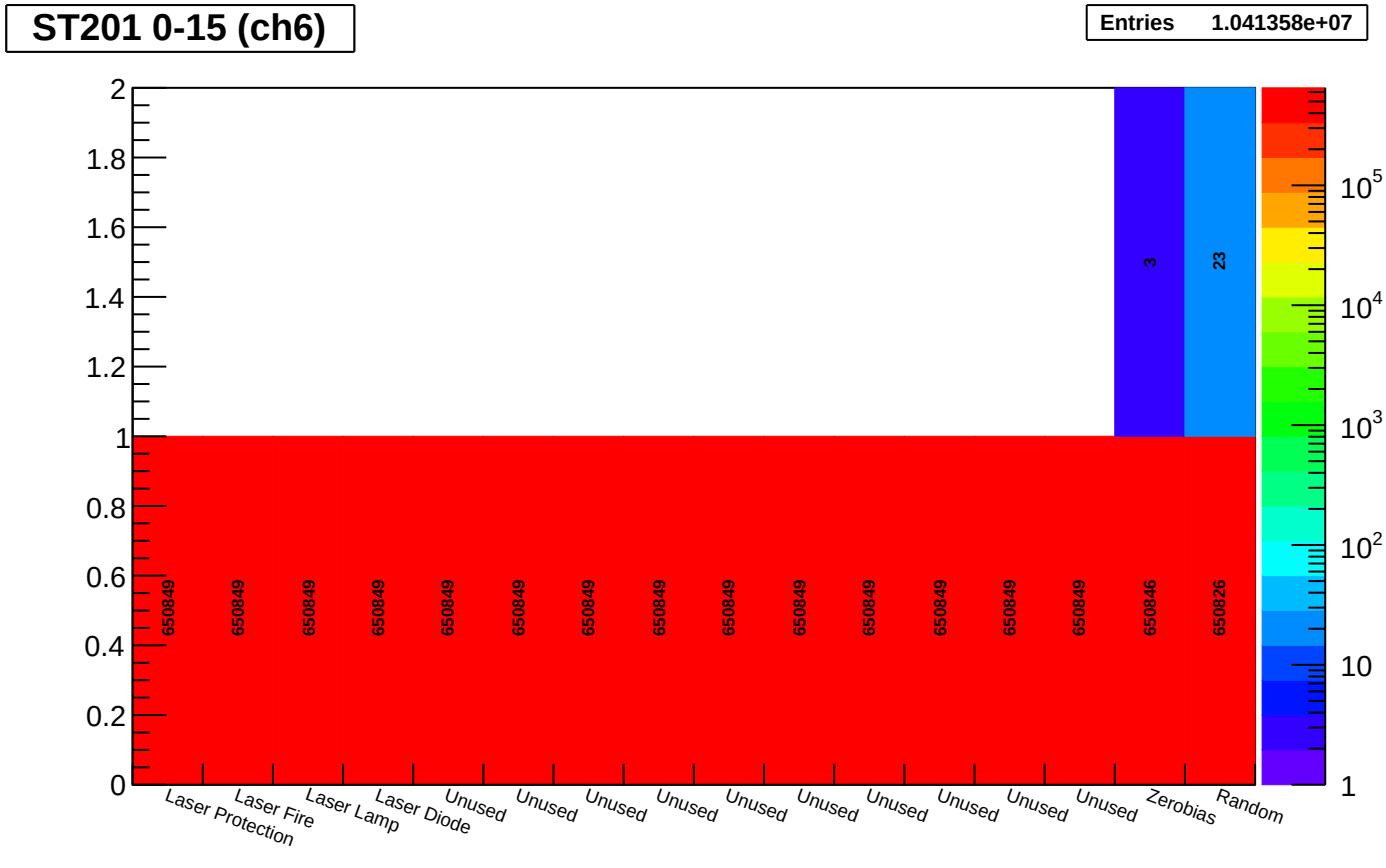

Entries 650849
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

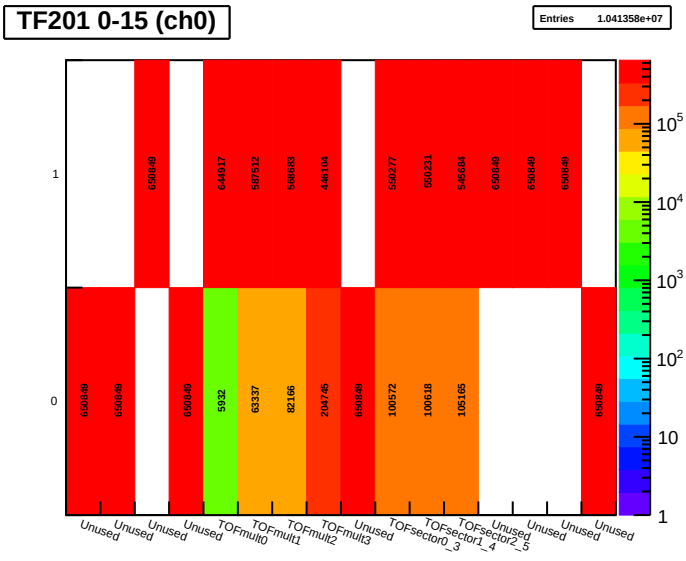

Entries 650849
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

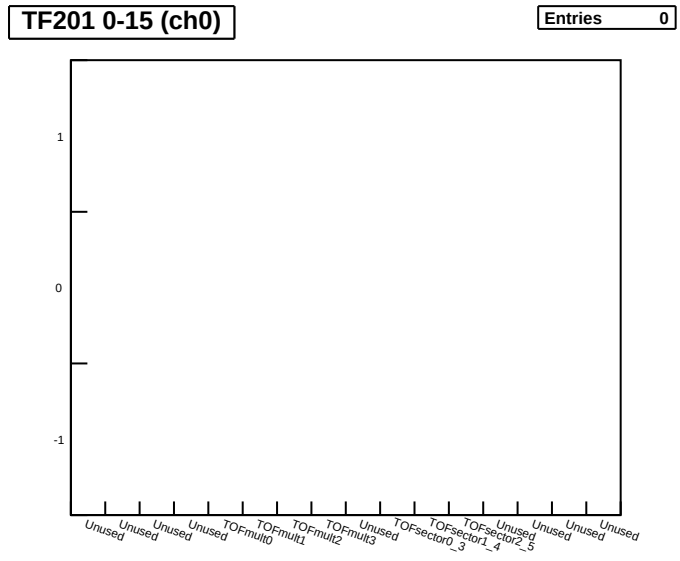

Entries 650849
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

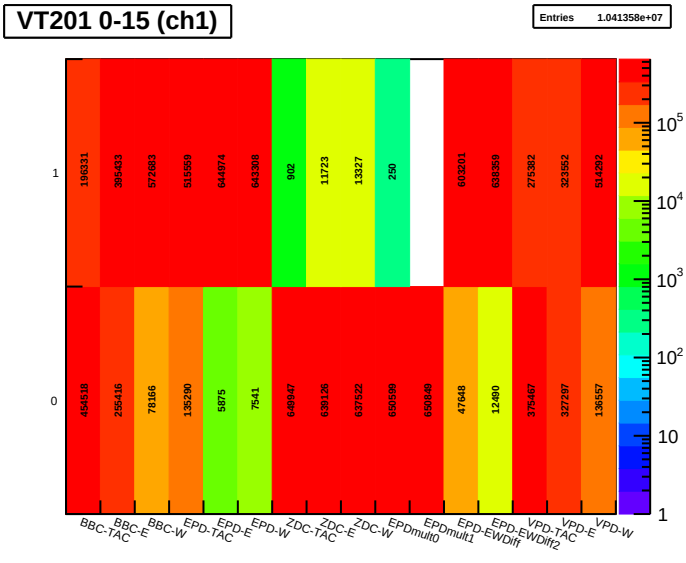

Entries 650849
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

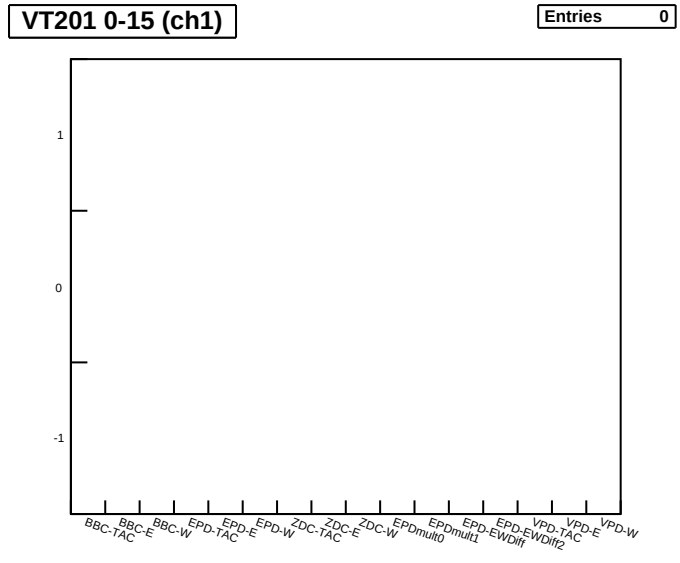

Laser Input Bits
Entries 650849
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

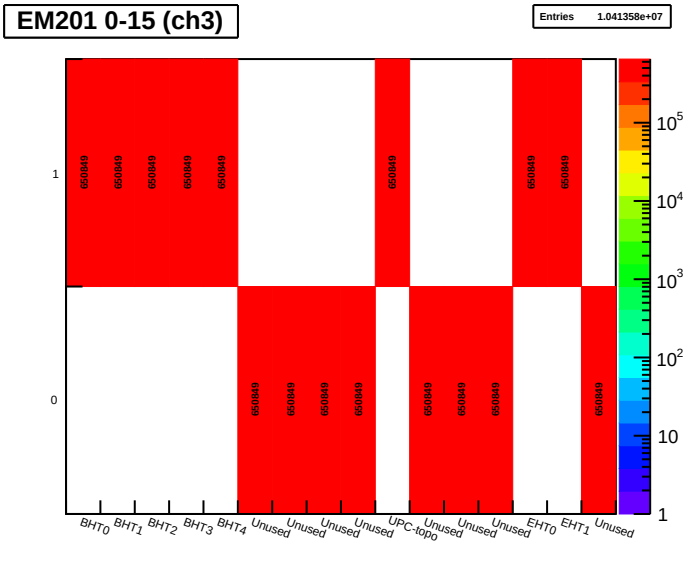

ST201 0-15 (ch6)
Entries 1.041358e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650846
650826
3
23
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

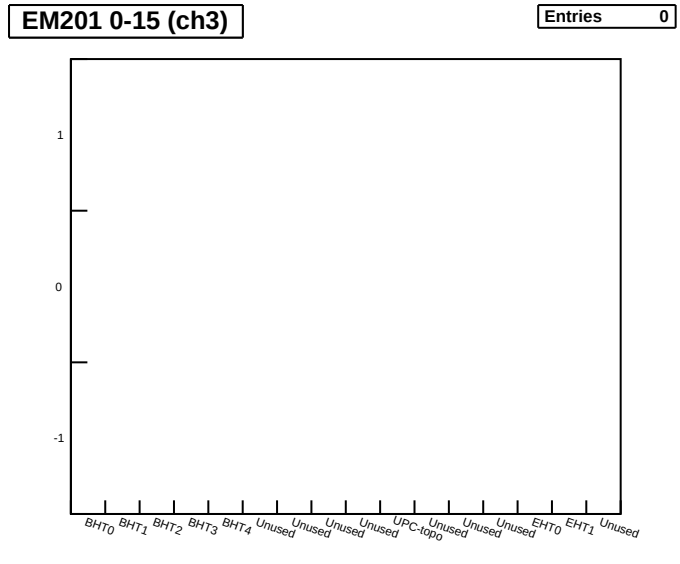

TF201 0-15 (ch0)
Entries 1.041358e+07
1
0
650849
644917
597512
586683
446104
550277
550231
545684
650849
650849
650849
650849
650849
650849
650849
5932
63337
82166
204745
650849
100572
100618
105165
650849
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 1.041358e+07
1
0
196331
395433
572683
515559
644974
643308
902
11723
13327
250
603201
638359
275382
323552
514282
454518
255416
78166
135290
5875
7541
649947
639126
637522
650599
650849
47648
12400
375467
327297
136557
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 1.041358e+07
1
0
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
650849
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