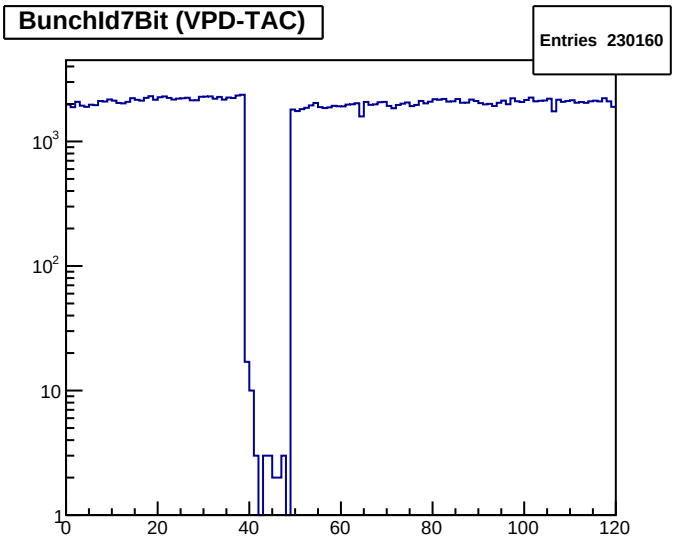
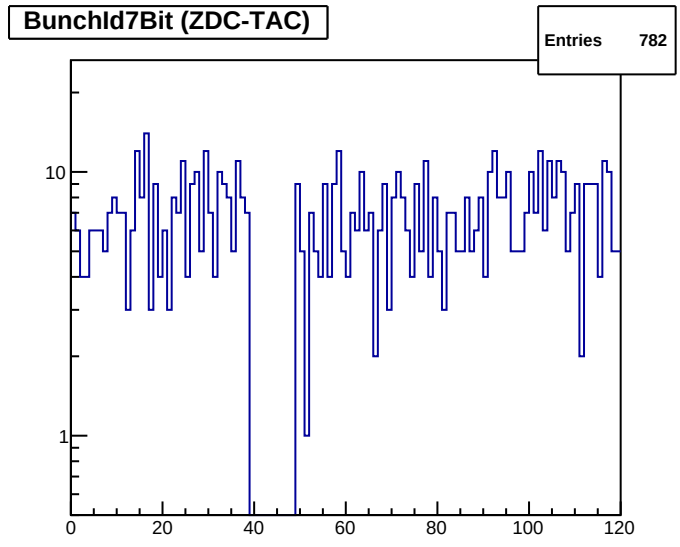
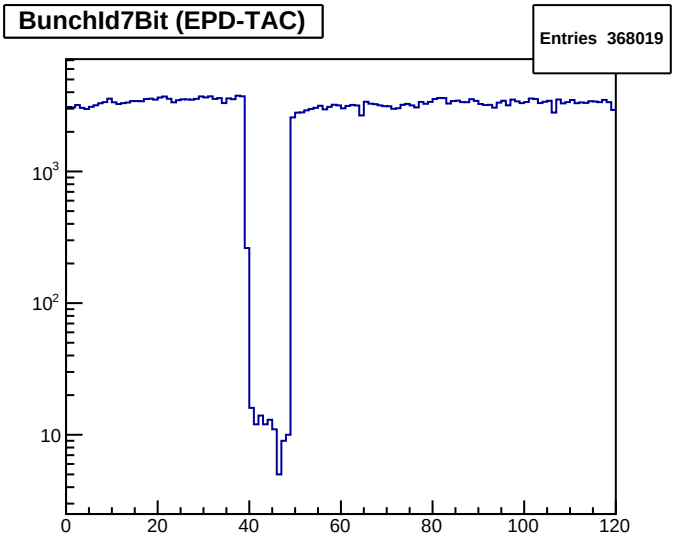
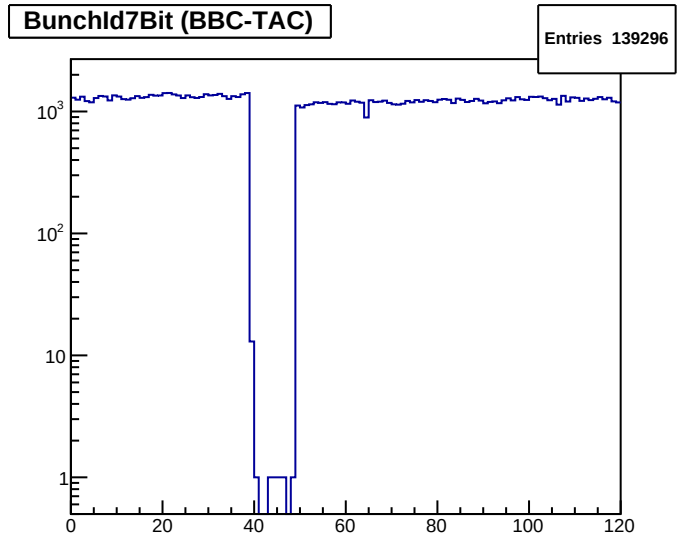
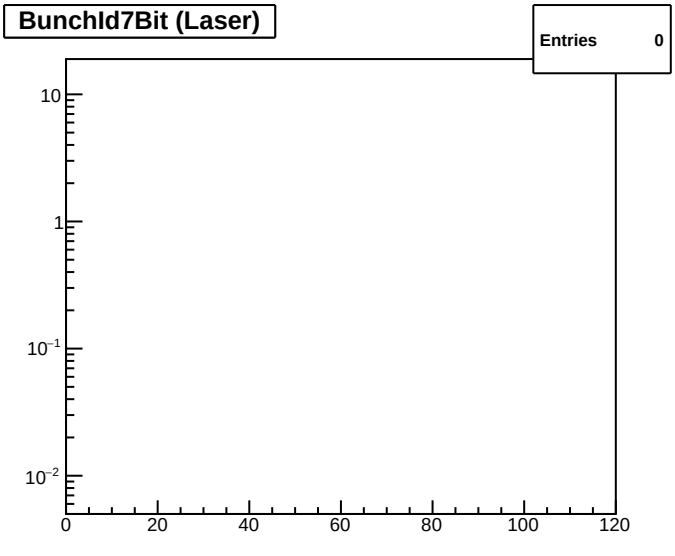
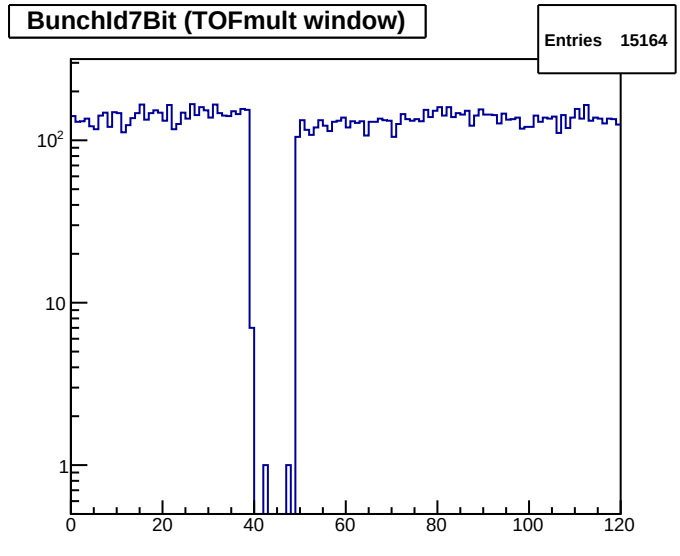

BunchId7Bit (VPD-TAC)
Entries 230160

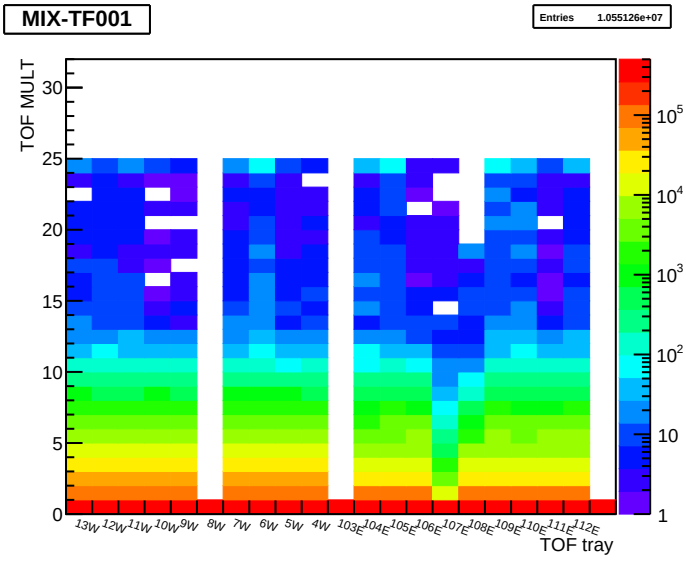

BunchId7Bit (ZDC-TAC)
Entries 782

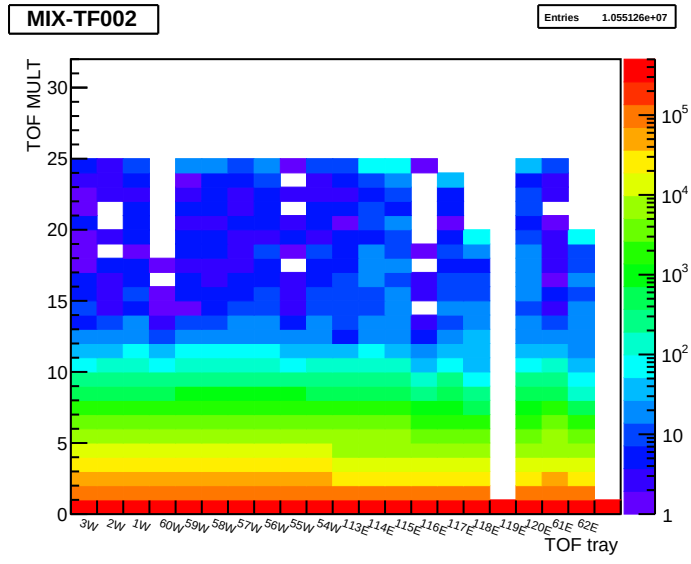

BunchId7Bit (EPD-TAC)
Entries 368019

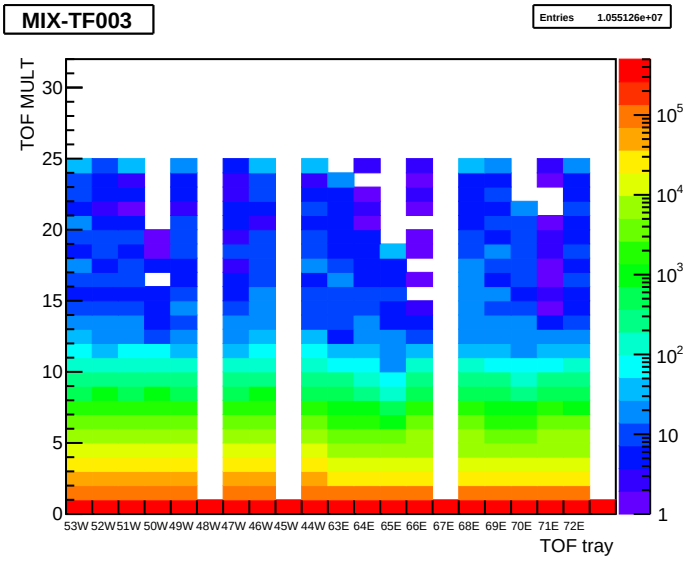

BunchId7Bit (BBC-TAC)
Entries 139296

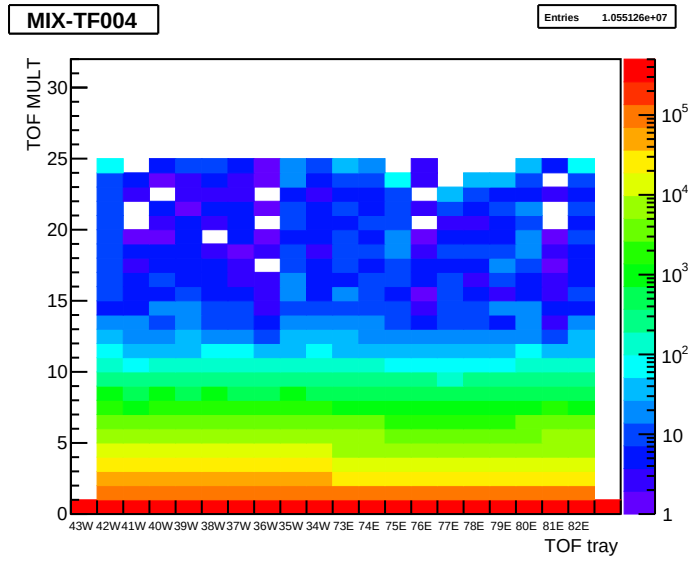

BunchId7Bit (Laser)
Entries 0

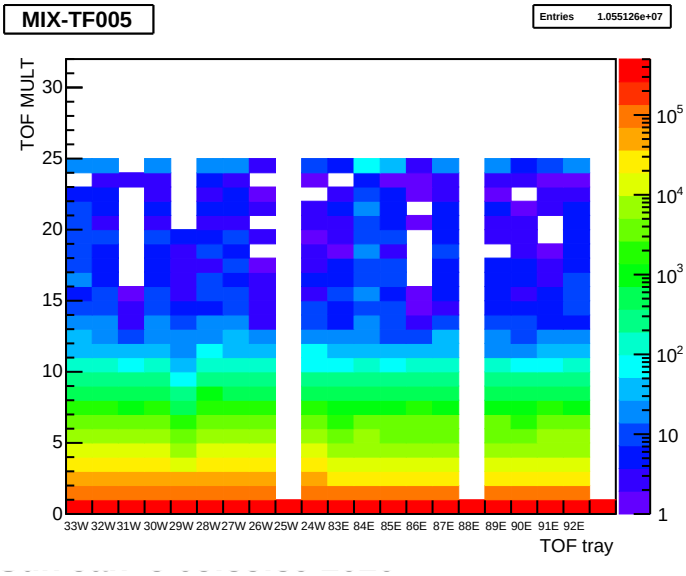

BunchId7Bit (TOFmult window)
Entries 15164

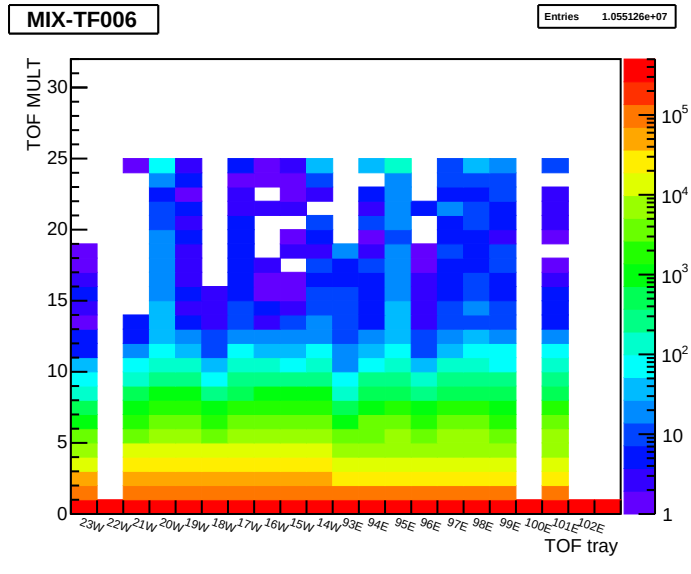

MIX-TF001
Entries 1.055126e+07
TOF MULT
TOF tray

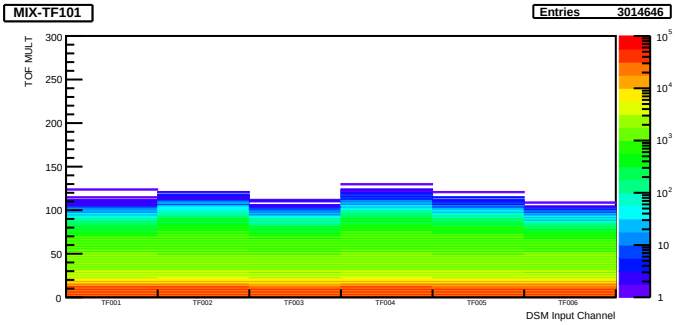

MIX-TF002
Entries 1.055126e+07
TOF MULT
TOF tray

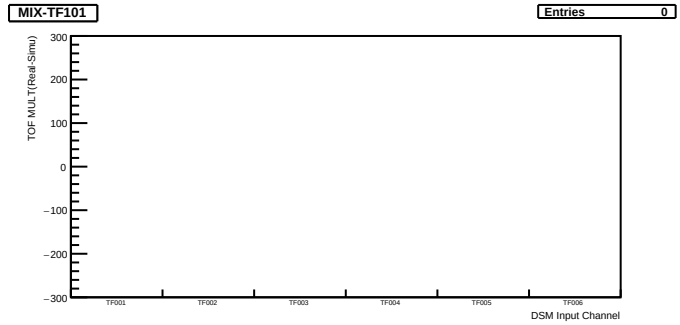

MIX-TF003
Entries 1.055126e+07
TOF MULT
TOF tray

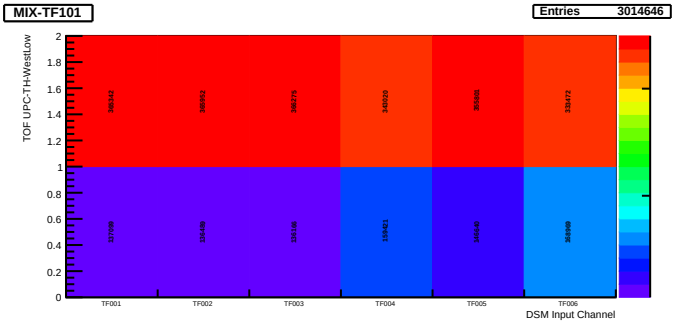

MIX-TF004
Entries 1.055126e+07
TOF MULT
TOF tray

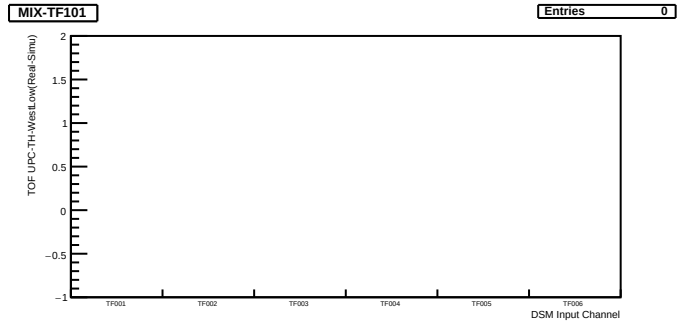

MIX-TF005
Entries 1.055126e+07
TOF MULT
TOF tray

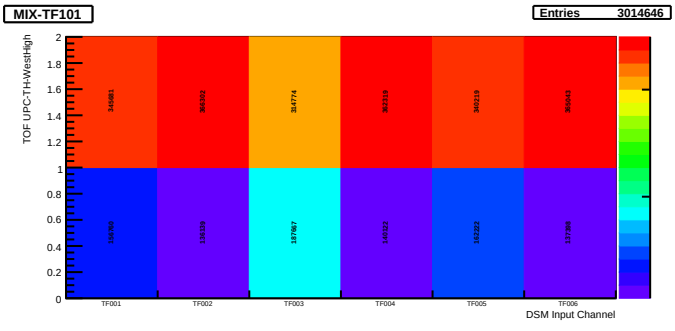

MIX-TF006
Entries 1.055126e+07
TOF MULT
TOF tray

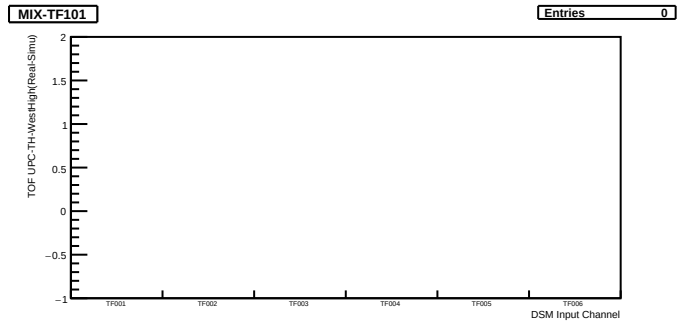

MIX-TF101
Entries 3014646
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

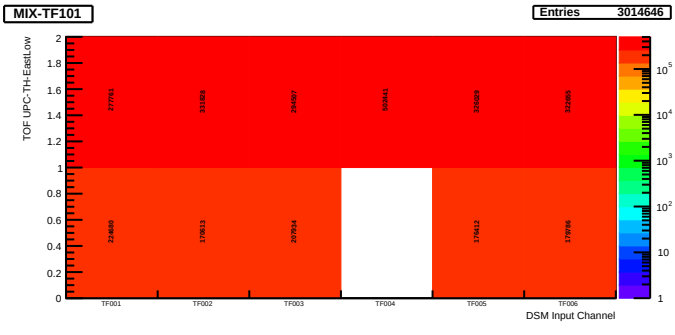

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

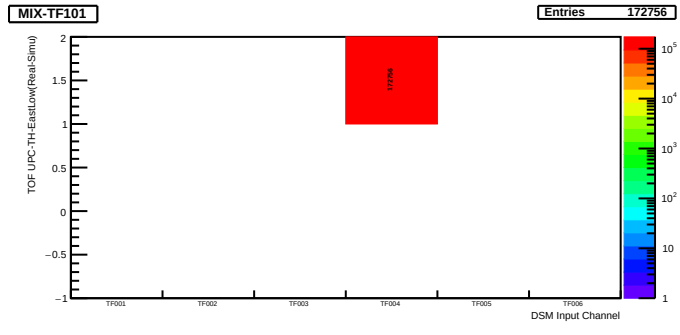

MIX-TF101
Entries 3014646
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

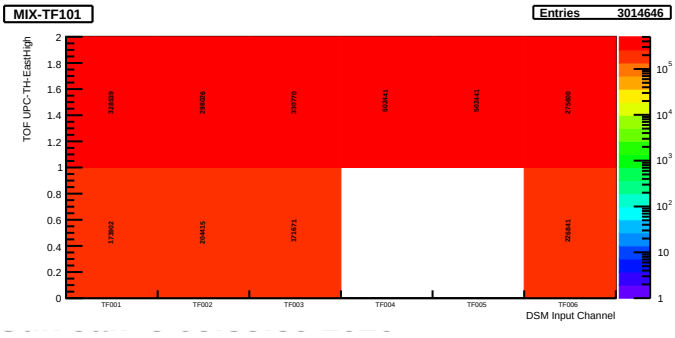

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

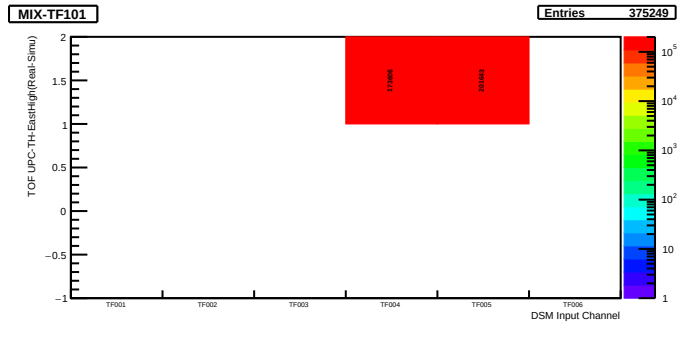

MIX-TF101
Entries 3014646
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

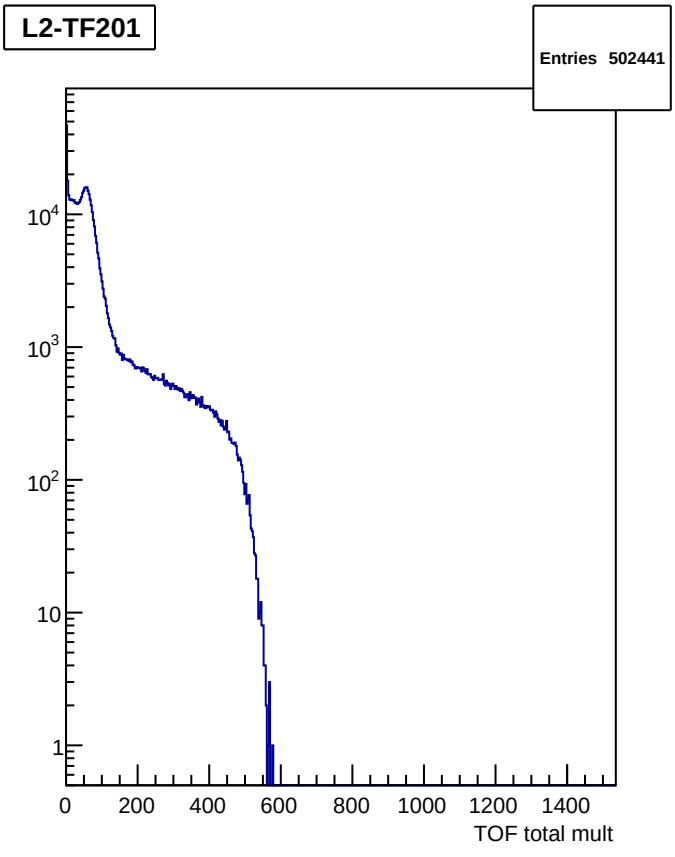

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

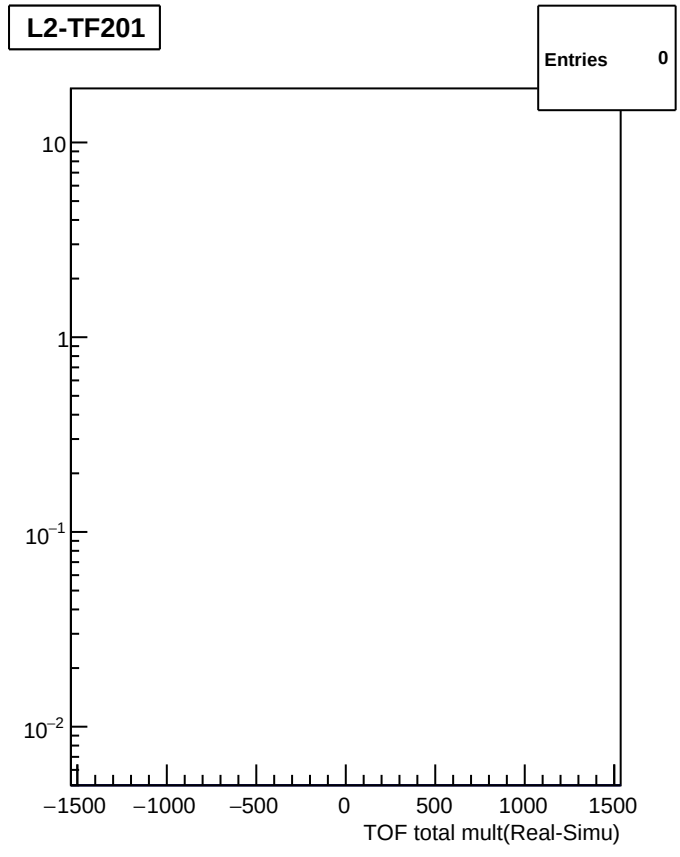

MIX-TF101
Entries 3014646
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

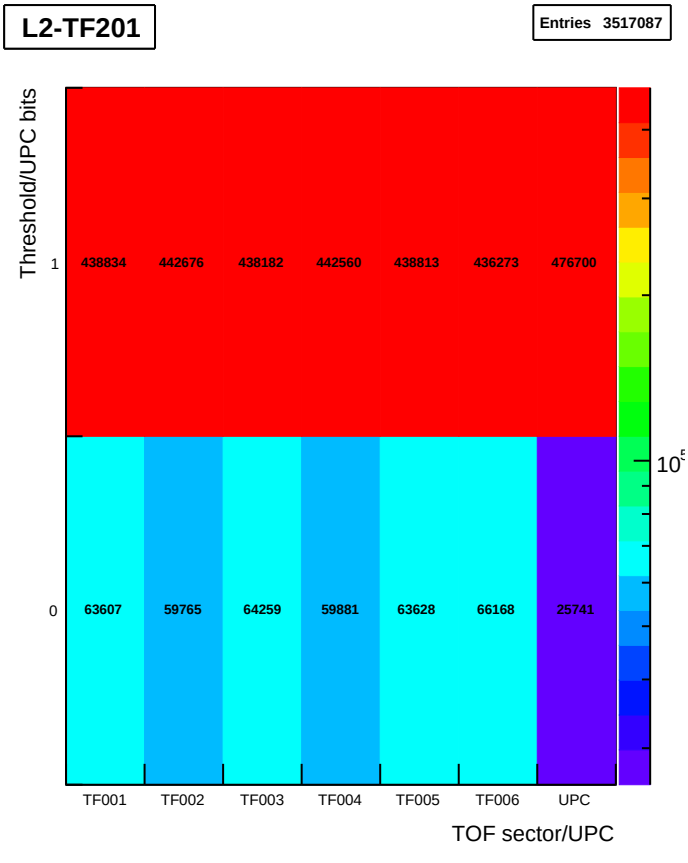

MIX-TF101
Entries 172756
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

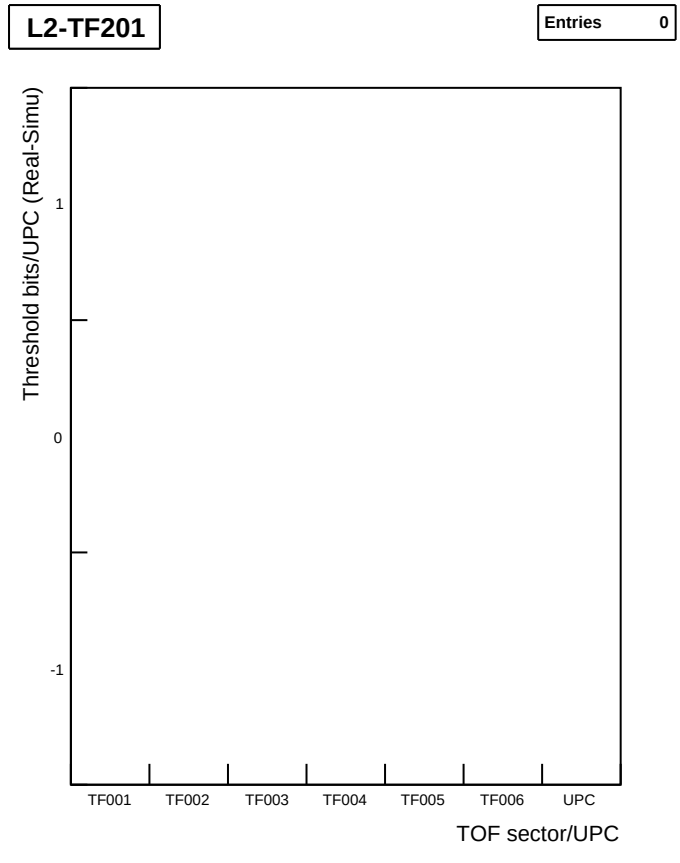

MIX-TF101
Entries 3014646
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

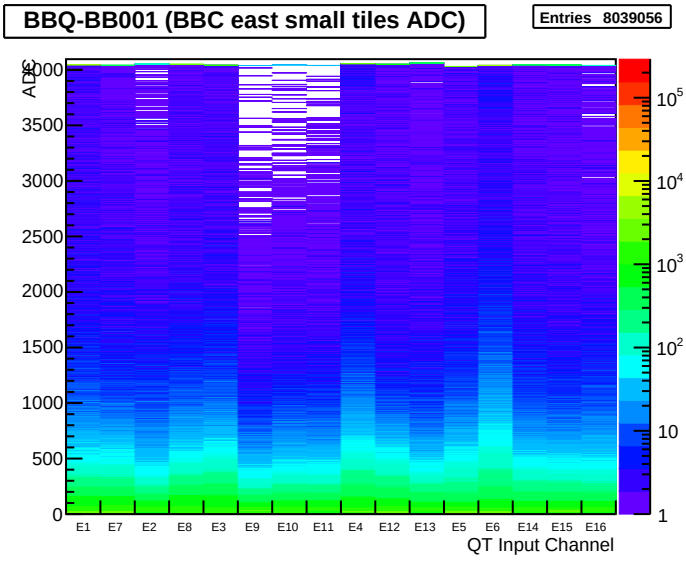

MIX-TF101
Entries 375249
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

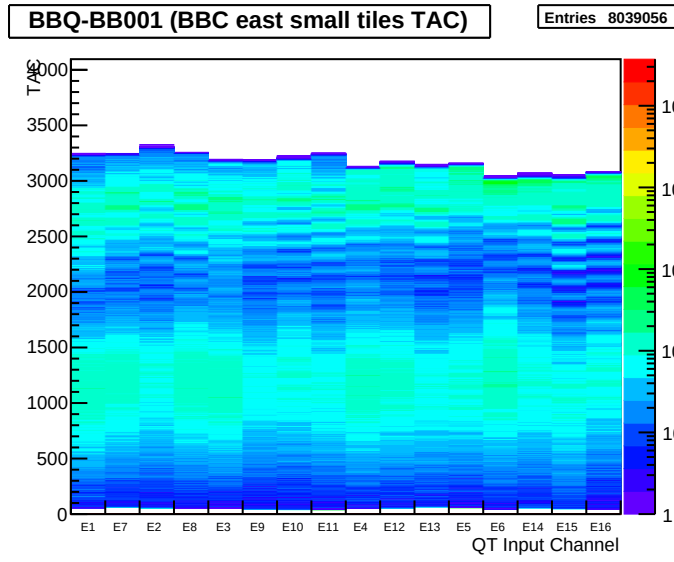

L2-TF201
Entries 502441
TOF total mult

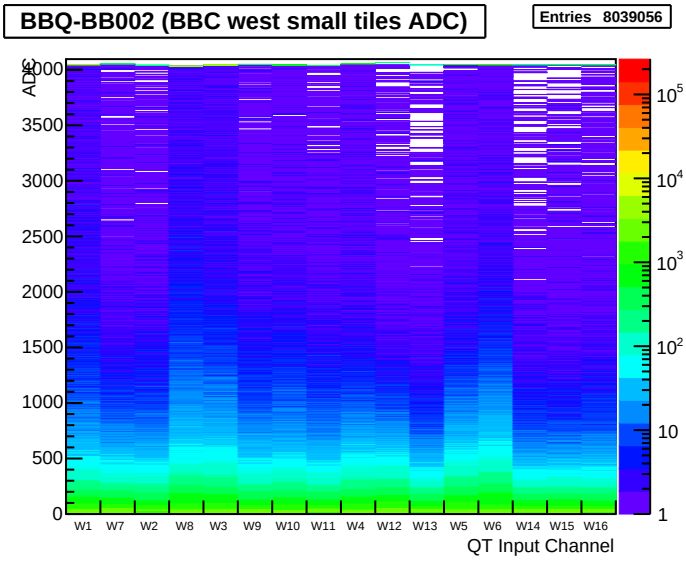

L2-TF201
Entries 0
TOF total mult(Real-Simu)

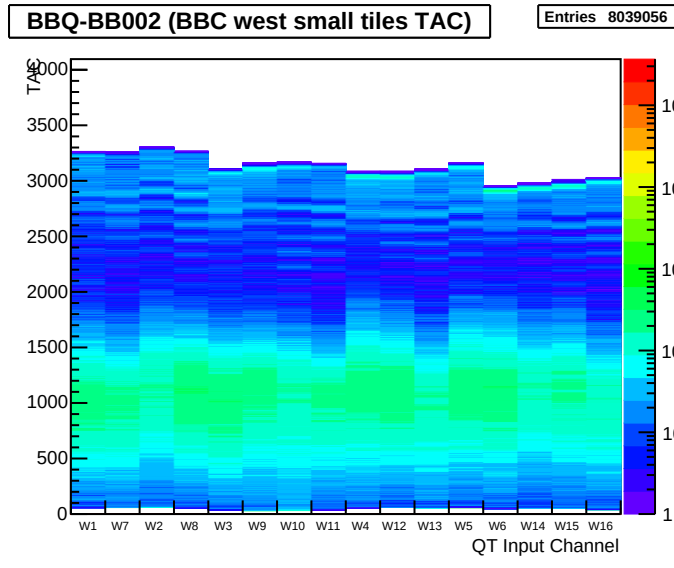

L2-TF201
Entries 3517087
Threshold/UPC bits
438834
442676
438182
442560
438813
436273
476700
63607
59765
64259
59881
63628
66168
25741
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

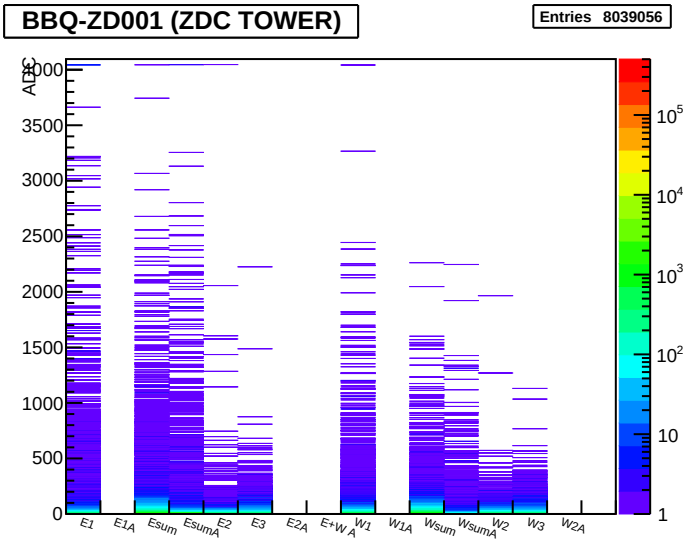

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

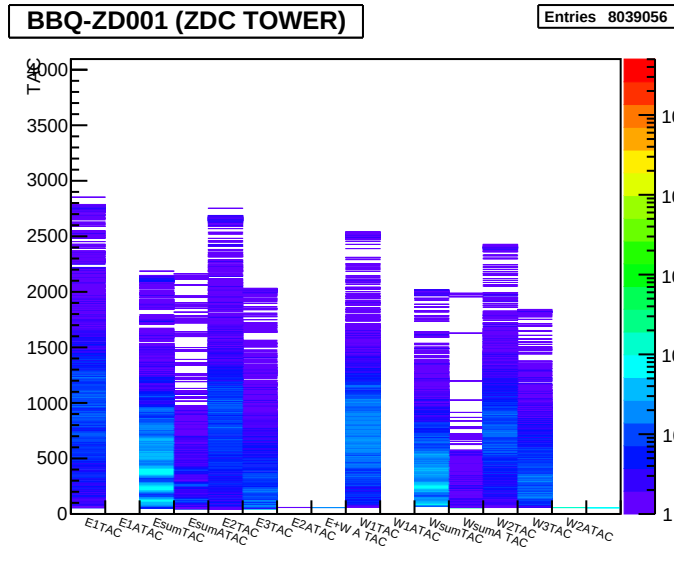

BBQ-BB001 (BBC east small tiles ADC)
Entries 8039056
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

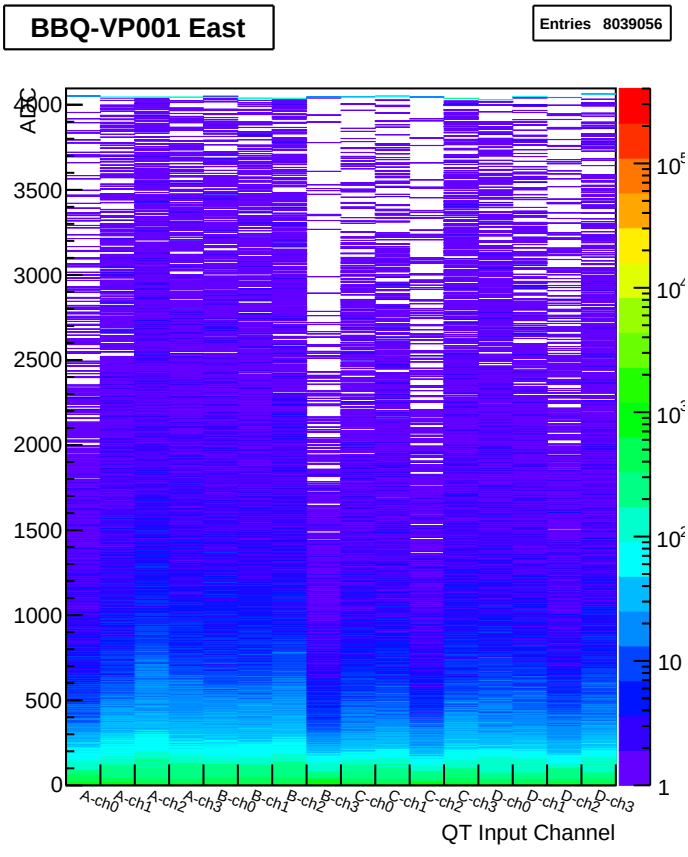

BBQ-BB001 (BBC east small tiles TAC)
Entries 8039056
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

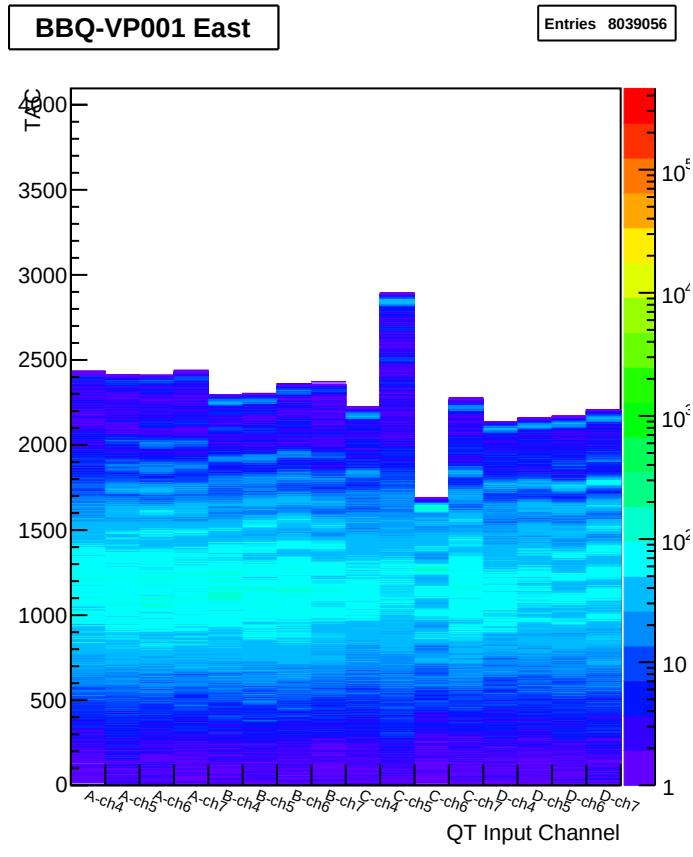

BBQ-BB002 (BBC west small tiles ADC)
Entries 8039056
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

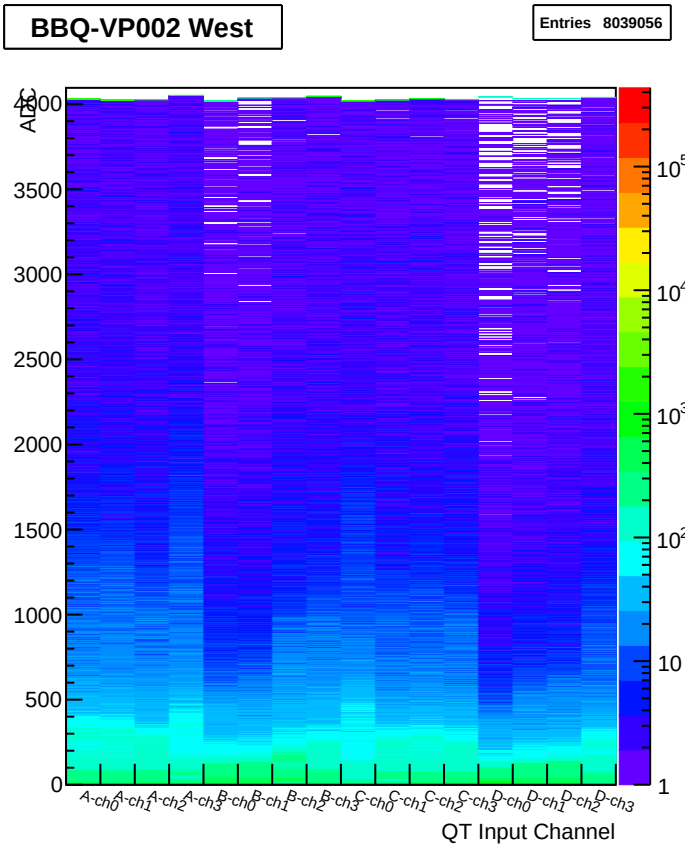

BBQ-BB002 (BBC west small tiles TAC)
Entries 8039056
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

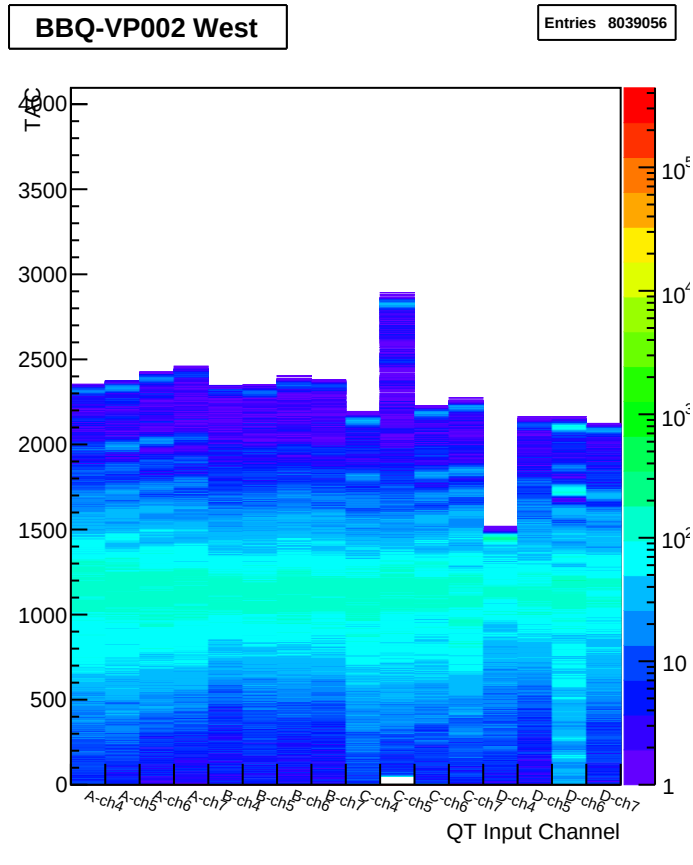

BBQ-ZD001 (ZDC TOWER)
Entries 8039056
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

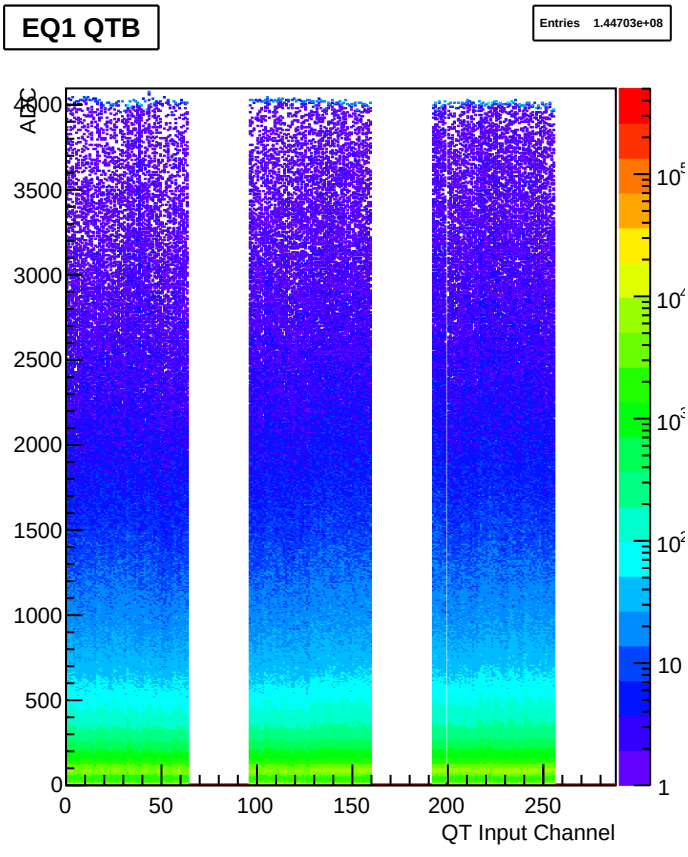

BBQ-ZD001 (ZDC TOWER)
Entries 8039056
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

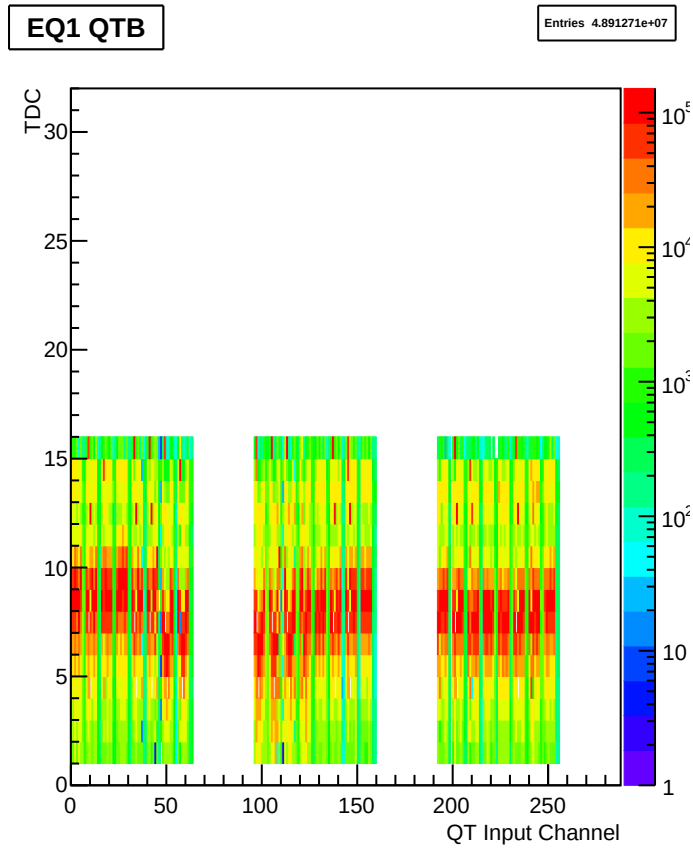

BBQ-VP001 East
Entries 8039056
ADC
QT Input Channel

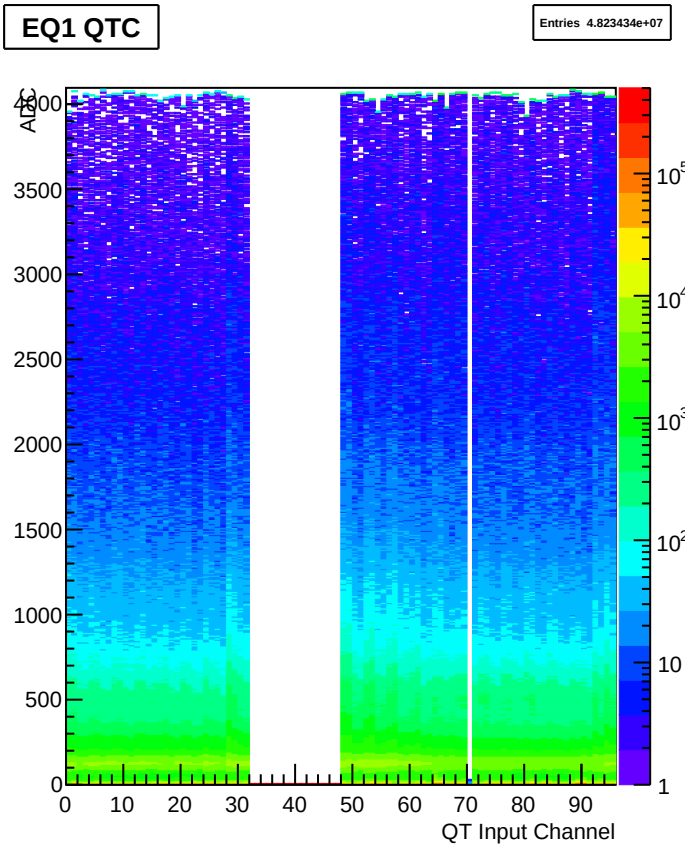

BBQ-VP001 East
Entries 8039056
ADC
QT Input Channel

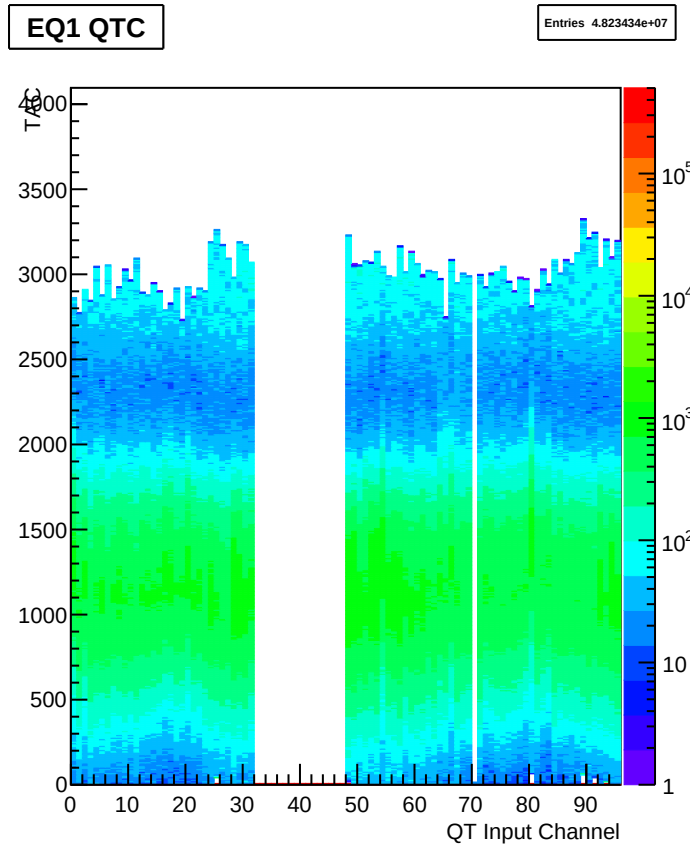

BBQ-VP002 West
Entries 8039056
ADC
QT Input Channel

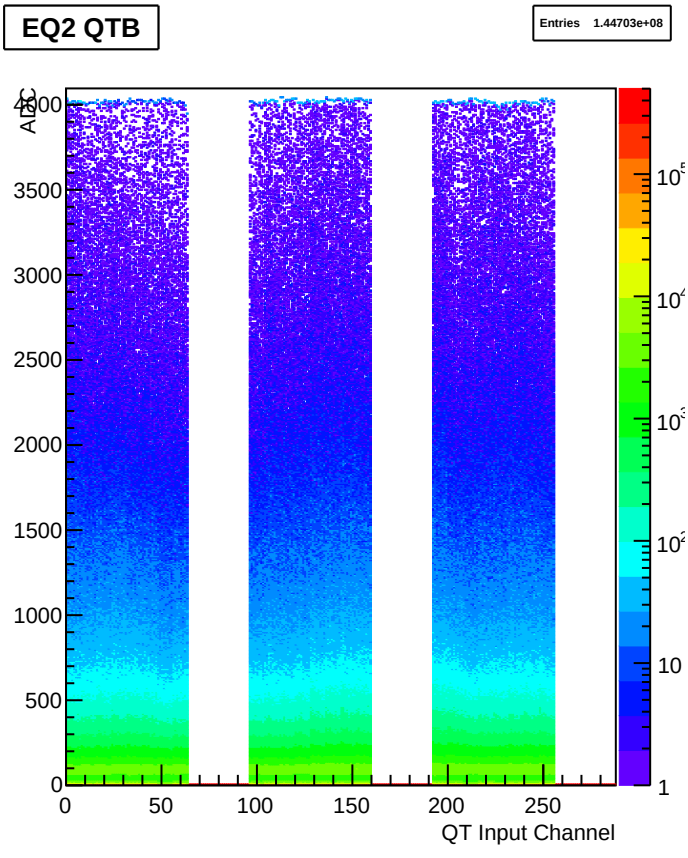

BBQ-VP002 West
Entries 8039056
ADC
QT Input Channel

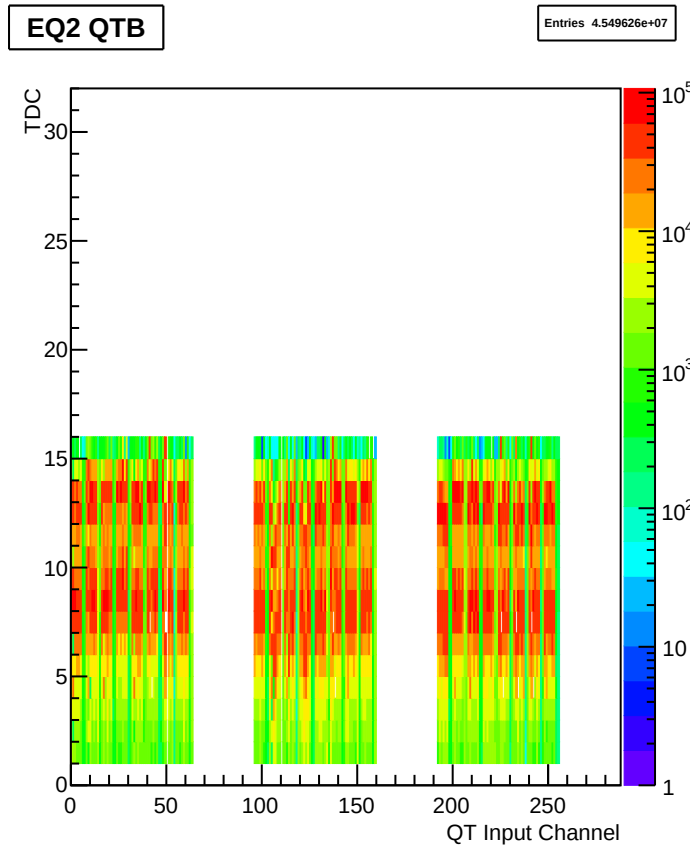

EQ1 QTB
Entries 1.44703e+08
ADC
QT Input Channel

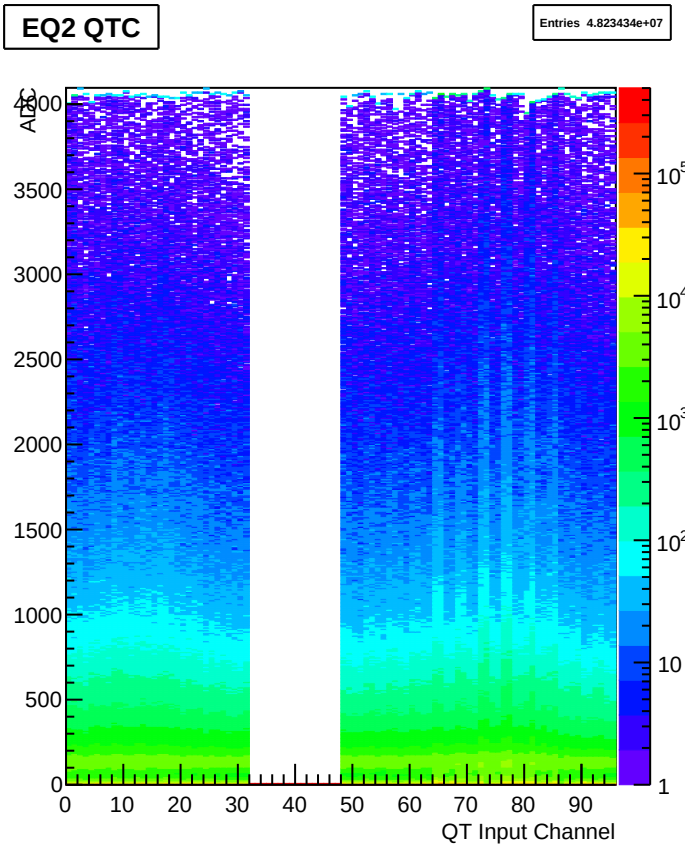

EQ1 QTB
Entries 4.891271e+07
TDC
QT Input Channel

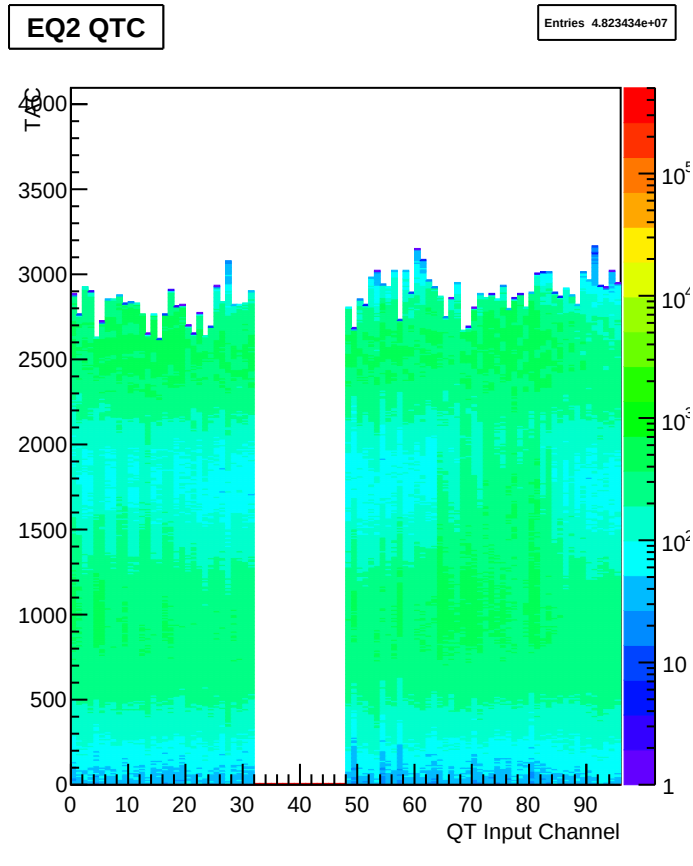

EQ1 QTC
Entries 4.823434e+07
ADC
QT Input Channel

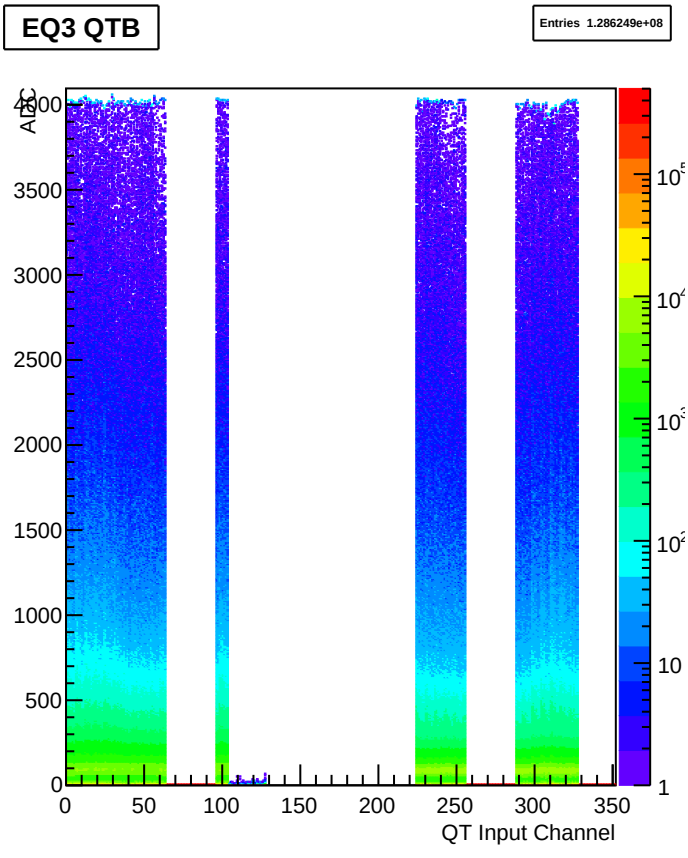

EQ1 QTC
Entries 4.823434e+07
TADC
QT Input Channel

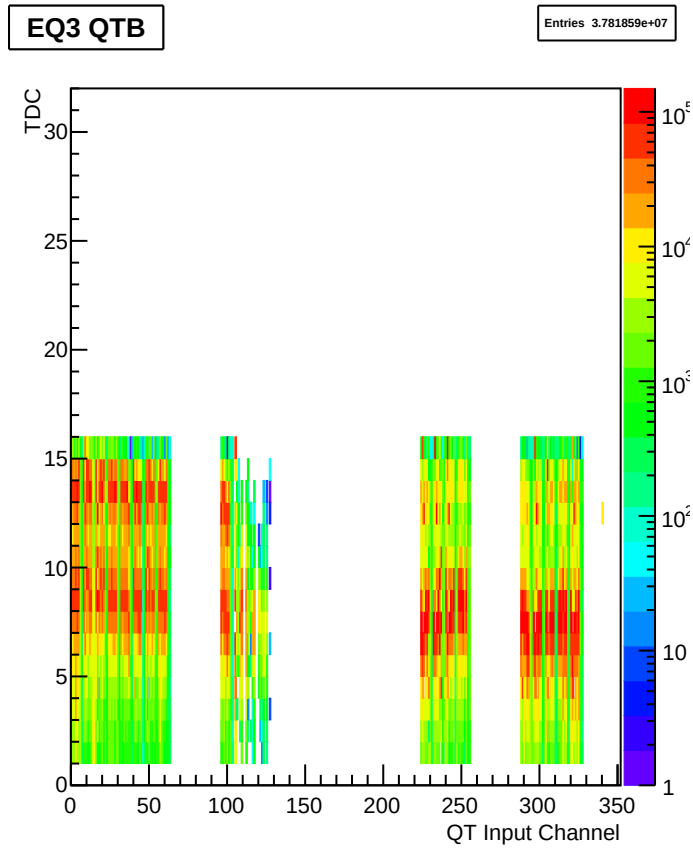

EQ2 QTB
Entries 1.44703e+08
ADC
QT Input Channel

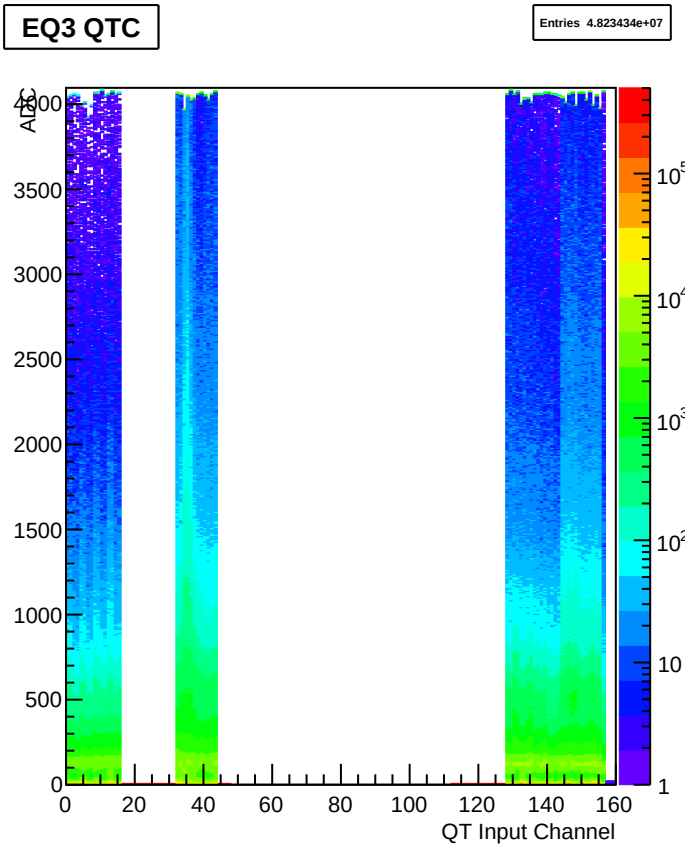

EQ2 QTB
Entries 4.549626e+07
TDC
QT Input Channel

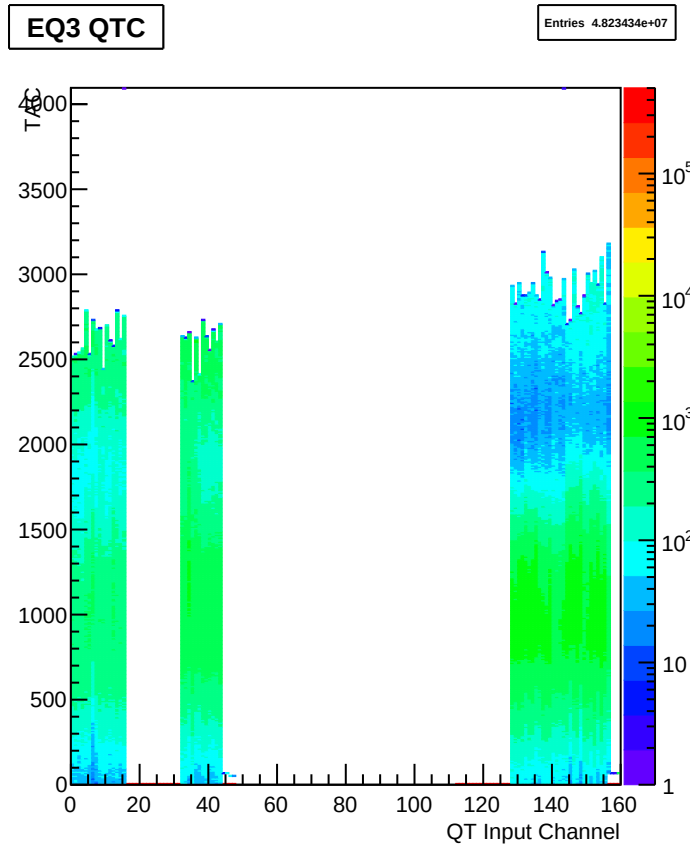

EQ2 QTC
Entries 4.823434e+07
ADC
QT Input Channel

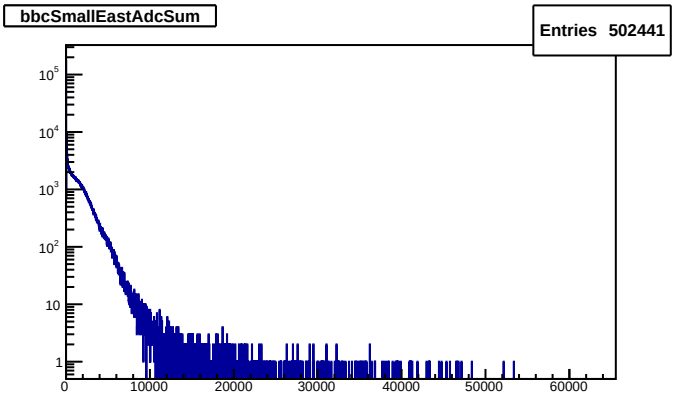

EQ2 QTC
Entries 4.823434e+07
TADC
QT Input Channel

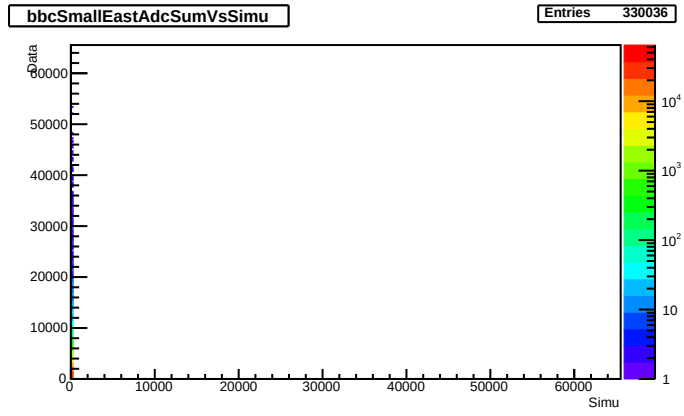

EQ3 QTB
Entries 1.286249e+08
ADC
QT Input Channel

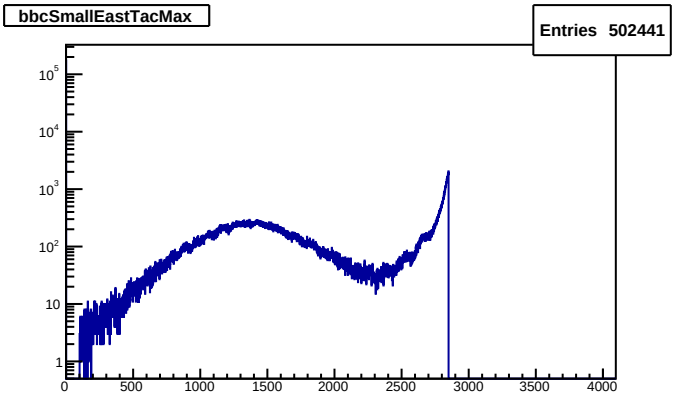

EQ3 QTB
Entries 3.781859e+07
TDC
QT Input Channel

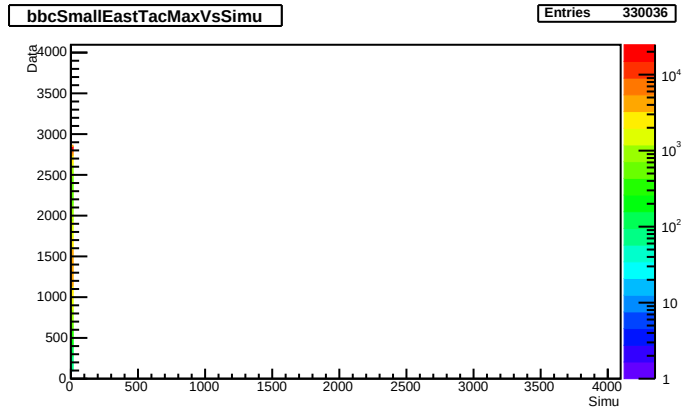

EQ3 QTC
Entries 4.823434e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.823434e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 502441


bbcSmallEastAdcSumVsSimu
Entries 330036
Data
Simu


bbcSmallEastTacMax
Entries 502441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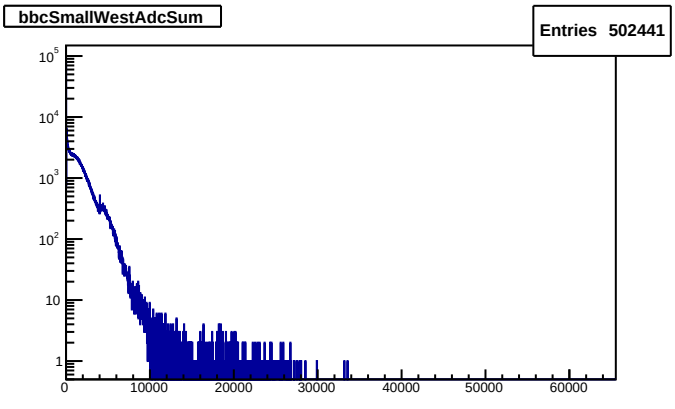
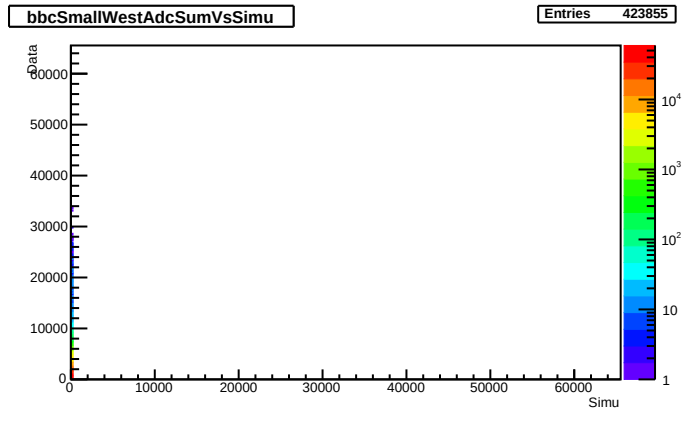
Entries 330036
Data
Simu


bbcSmallWestAdcSum
Entries 502441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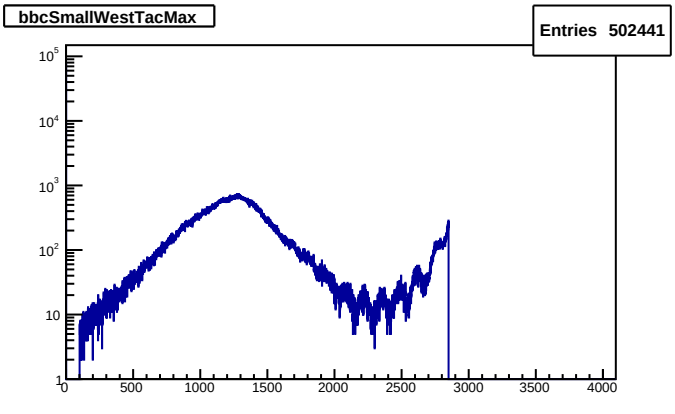
Entries 423855
Data
Simu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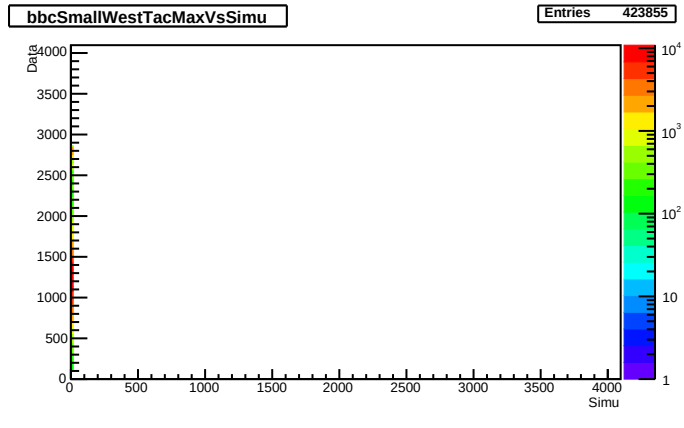
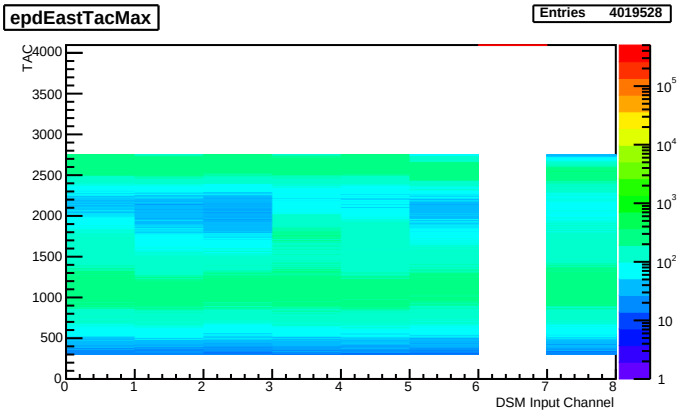
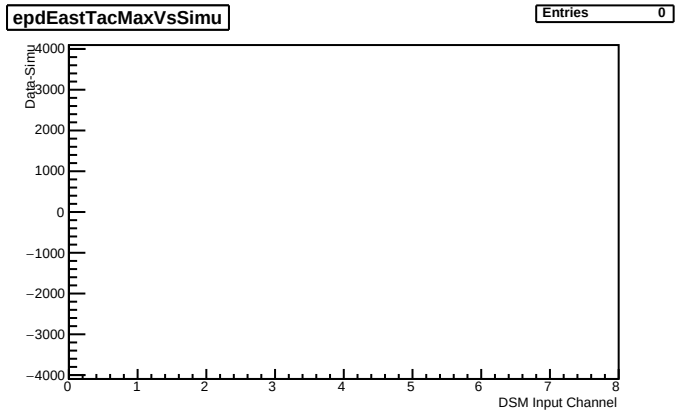
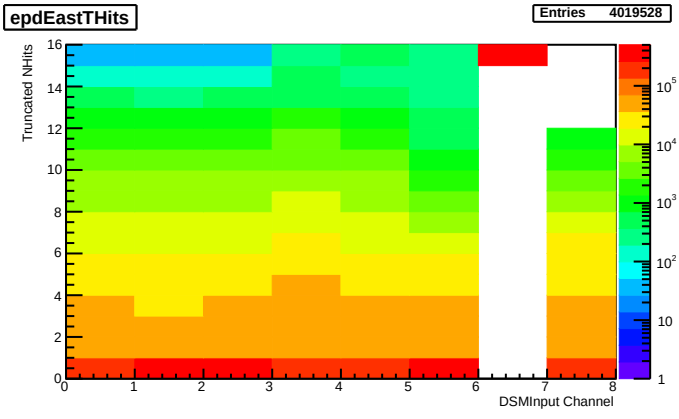
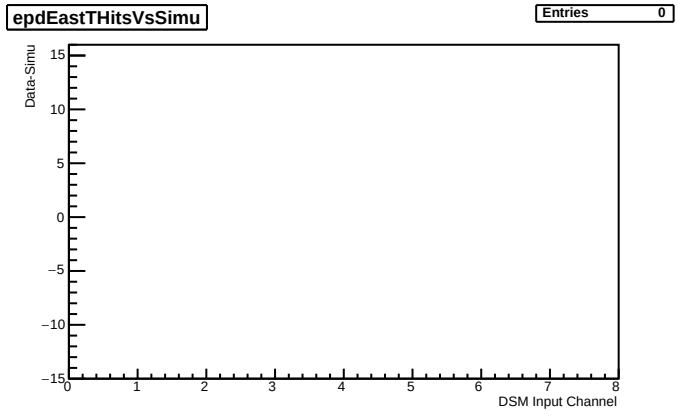
Entries 502441


bbcSmallWestTacMaxVsSimu
Entries 423855
Data
Simu


epdEastTacMax
Entries 4019528
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4019528
Truncated NHits
DSMInput Channel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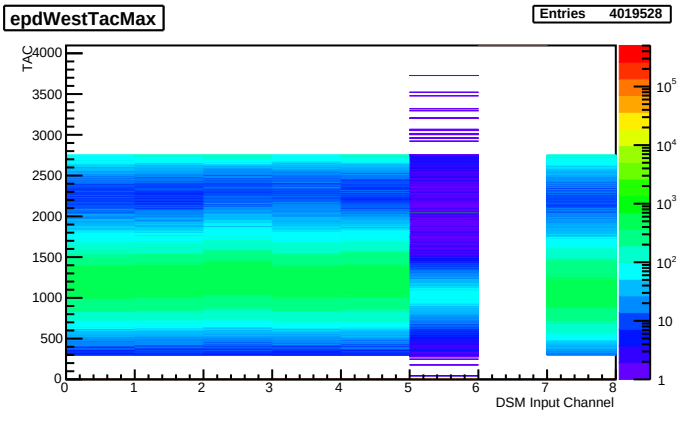
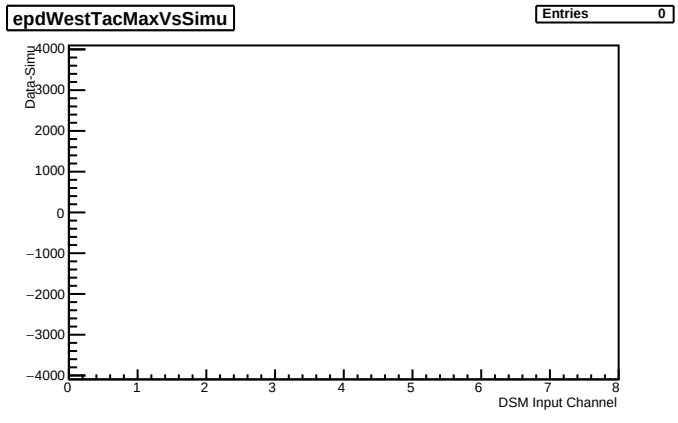
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4019528
TAC
DSM Input Channel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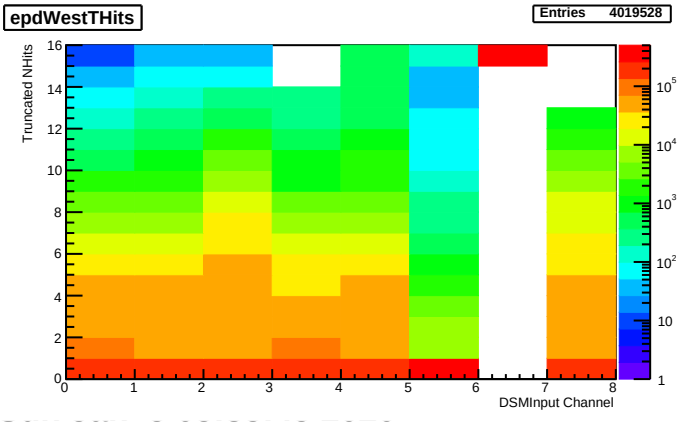
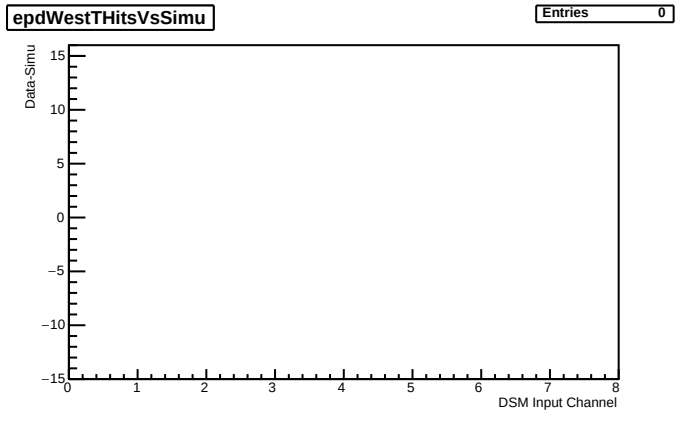
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4019528
Truncated NHits
DSMInput Channel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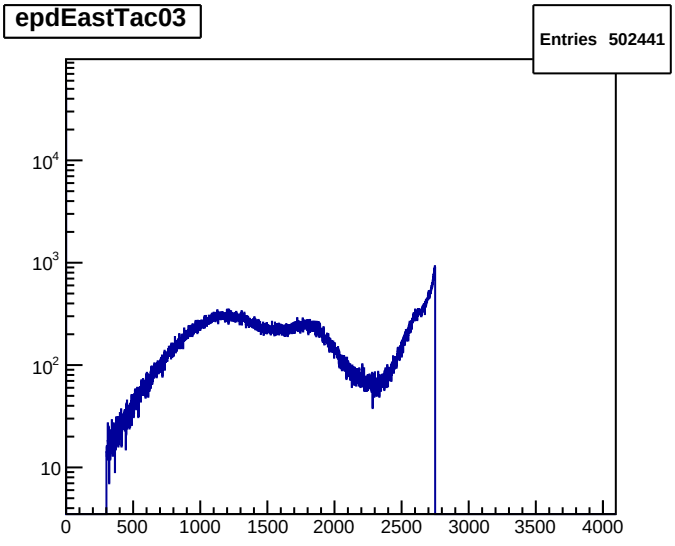
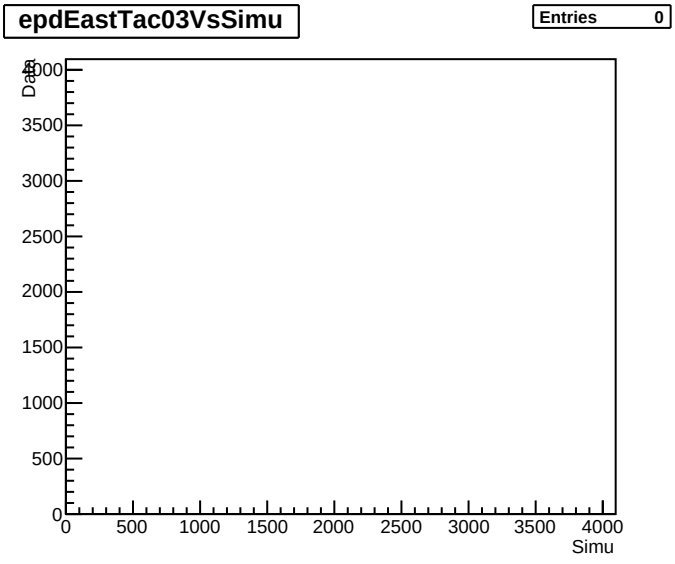
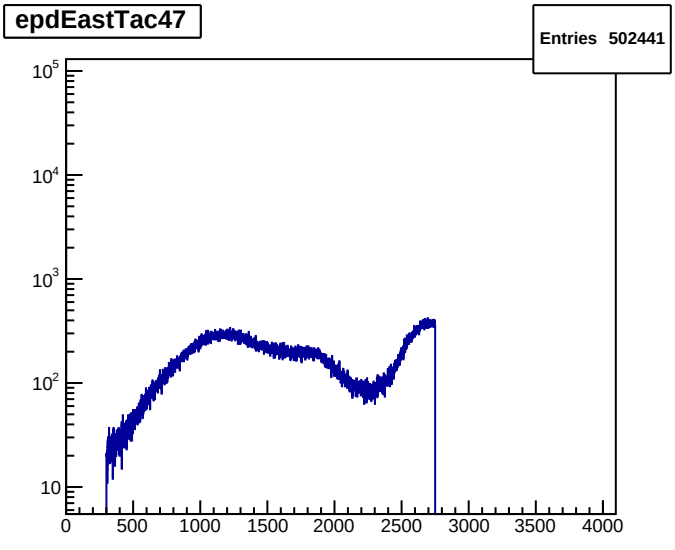
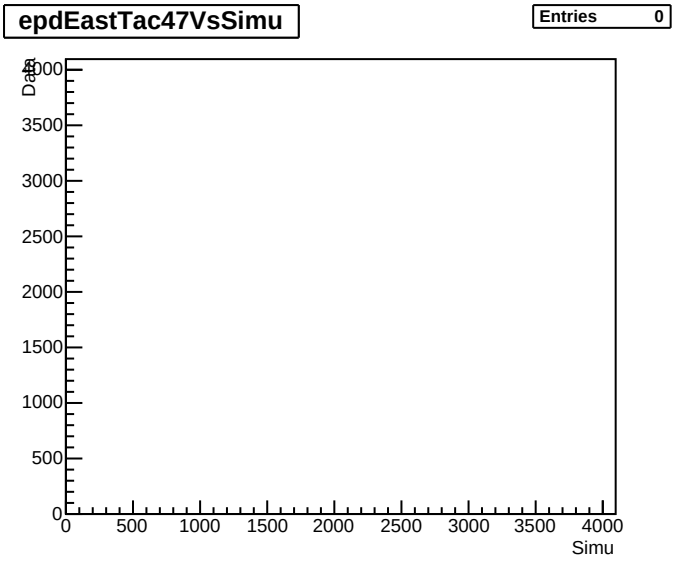
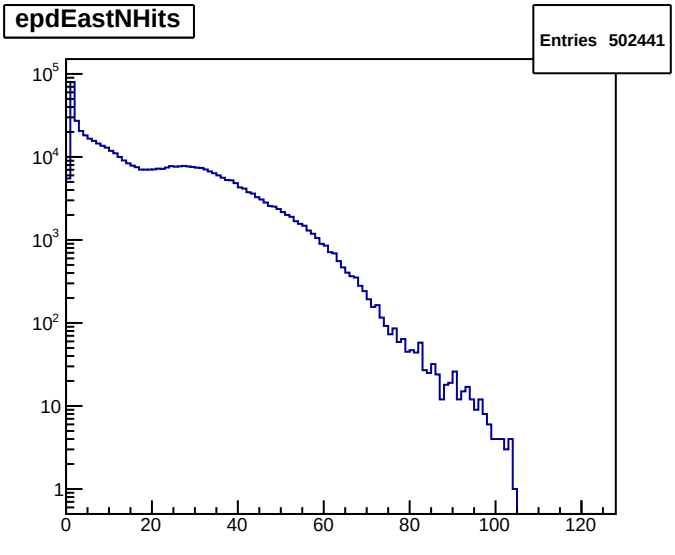
Entries 0
Data-Simu
DSM Input Channel

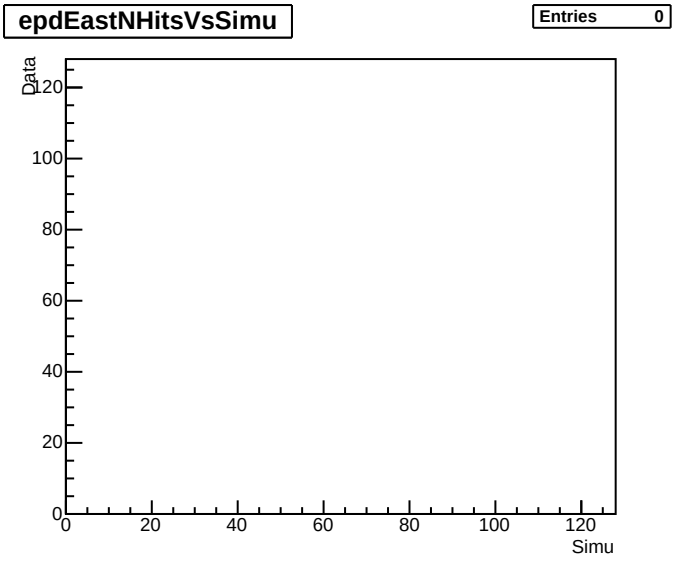

epdEastTac03
Entries 502441

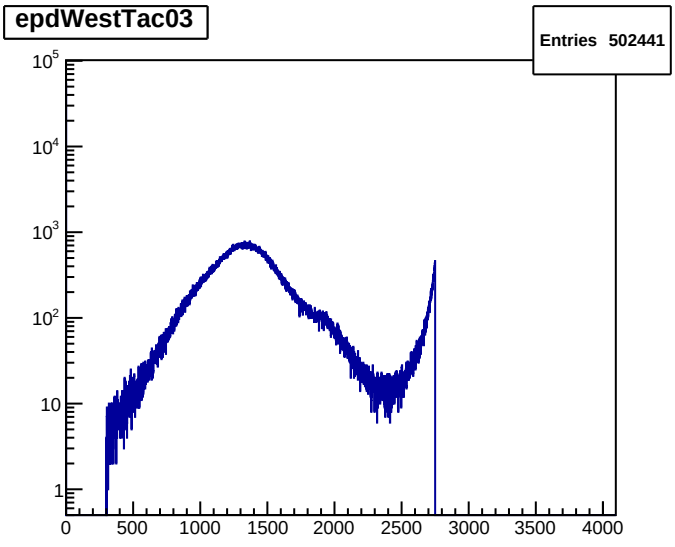

epdEastTac03VsSimu
Entries 0
Data
Simu

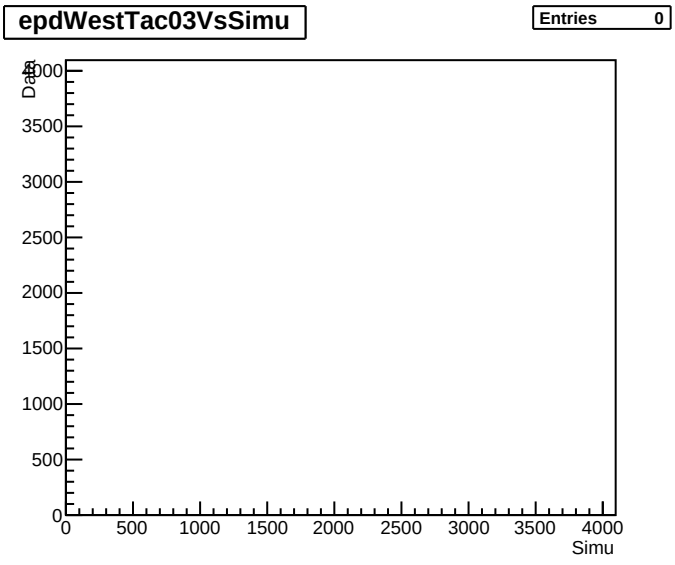

epdEastTac47
Entries 502441


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 502441


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 502441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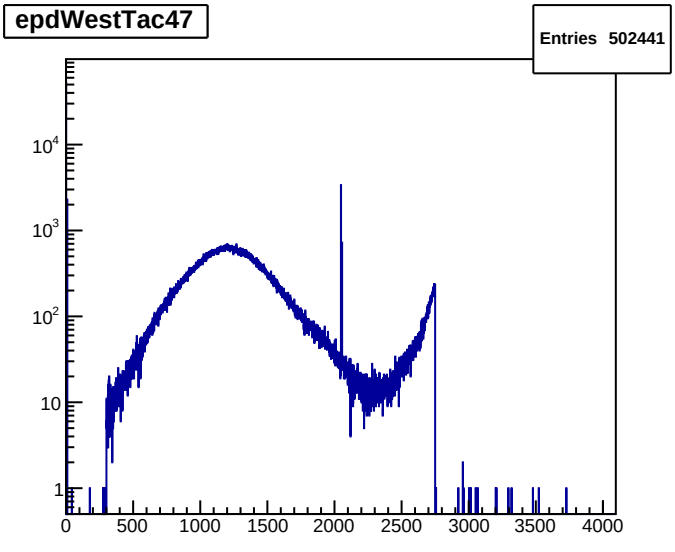
Entries 0
Data
Simu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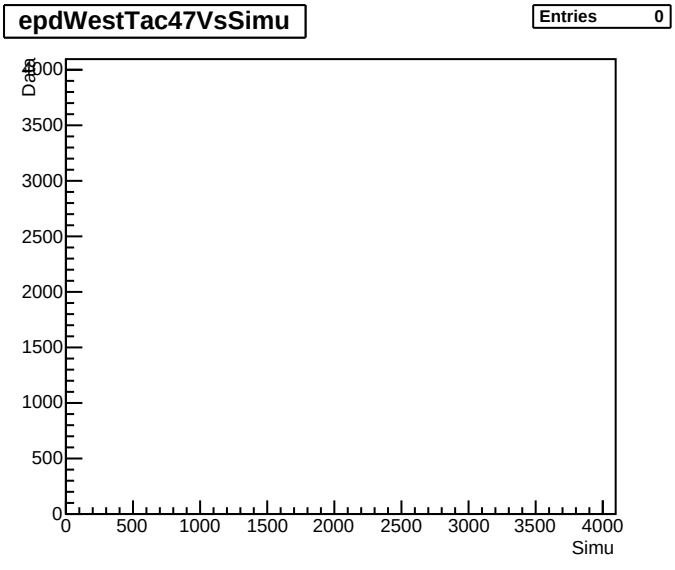
Entries 502441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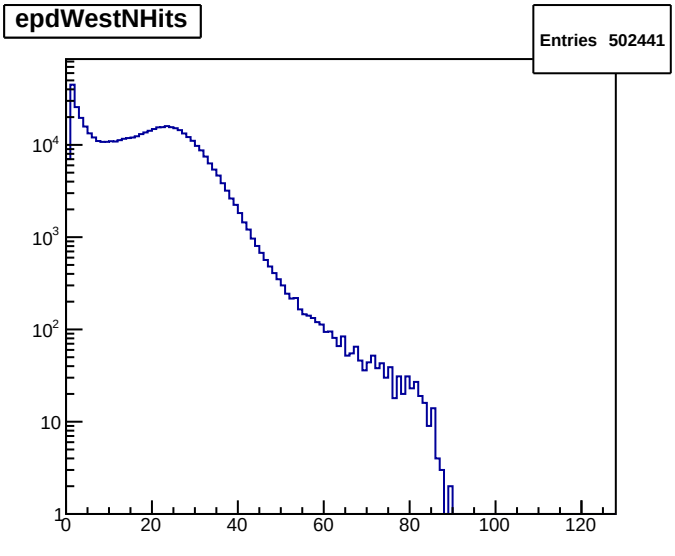
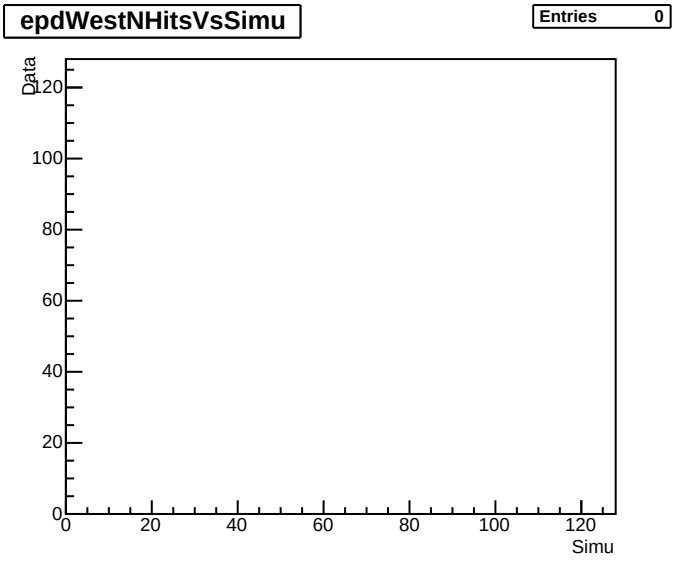
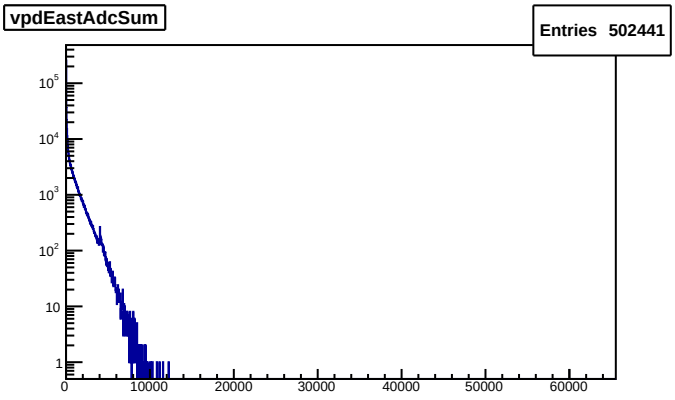
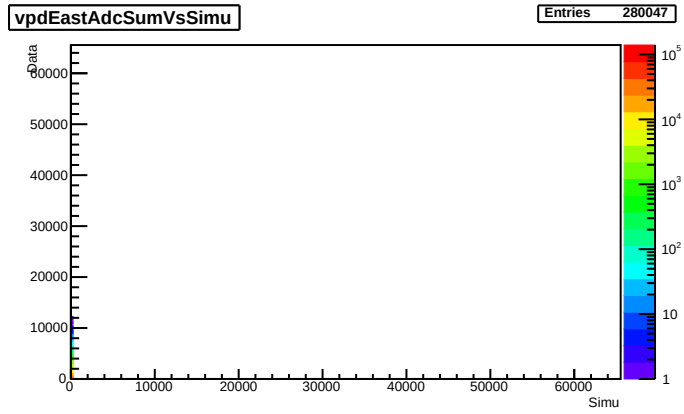
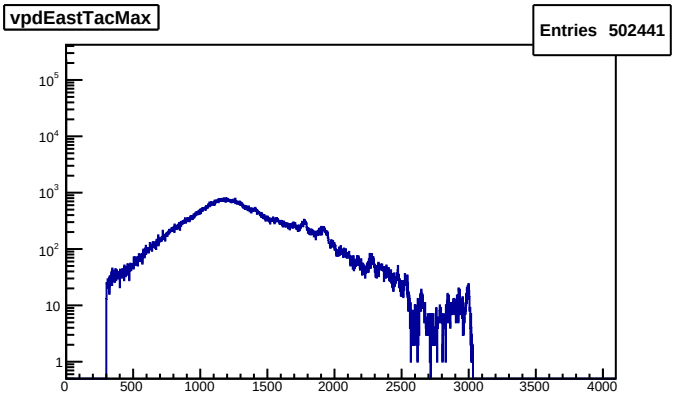
Entries 0
Data
Simu

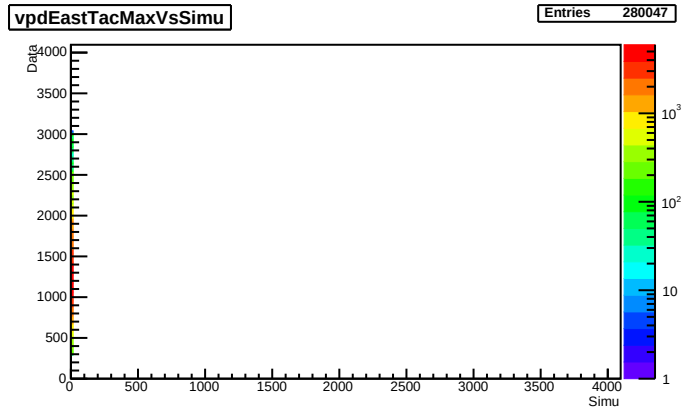

epdWestNHits
Entries 502441

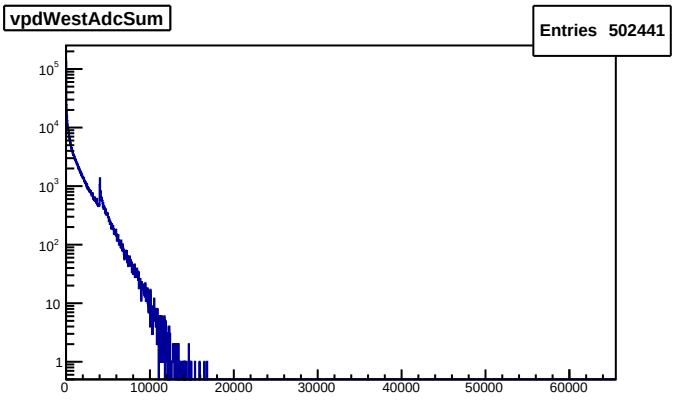

epdWestNHitsVsSimu
Entries 0
Data
Simu

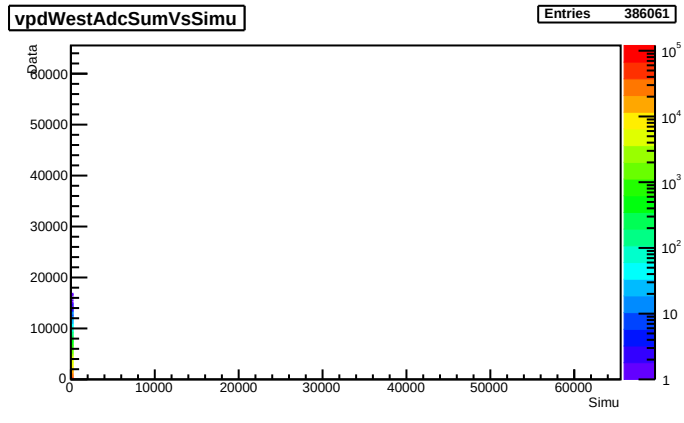

vpdEastAdcSum
Entries 502441

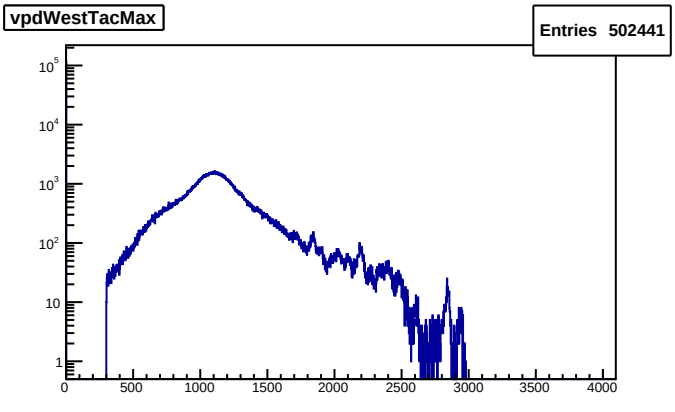

vpdEastAdcSumVsSimu
Entries 280047
Data
Simu

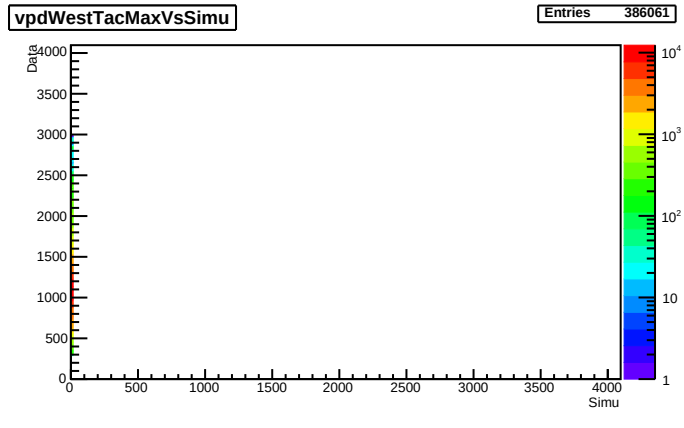

vpdEastTacMax
Entries 502441

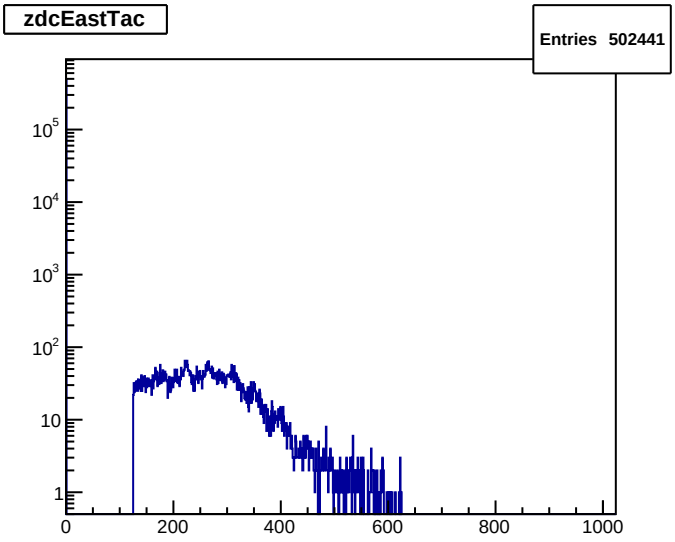

vpdEastTacMaxVsSimu
Entries 280047
Data
Simu

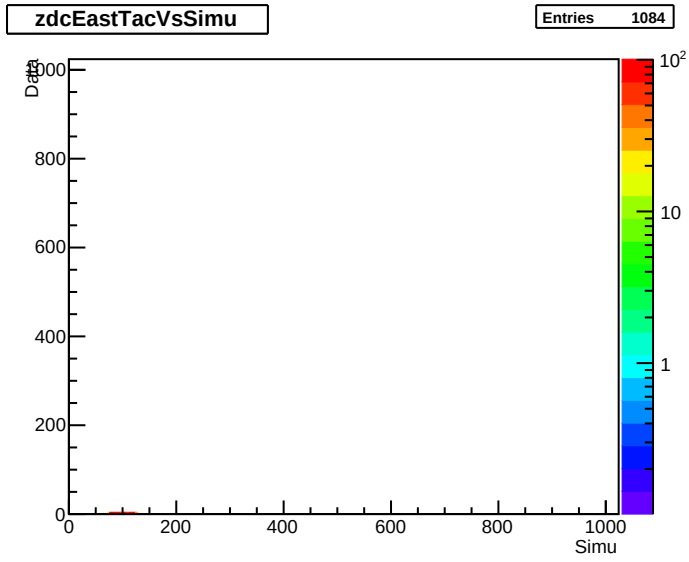

vpdWestAdcSum
Entries 502441

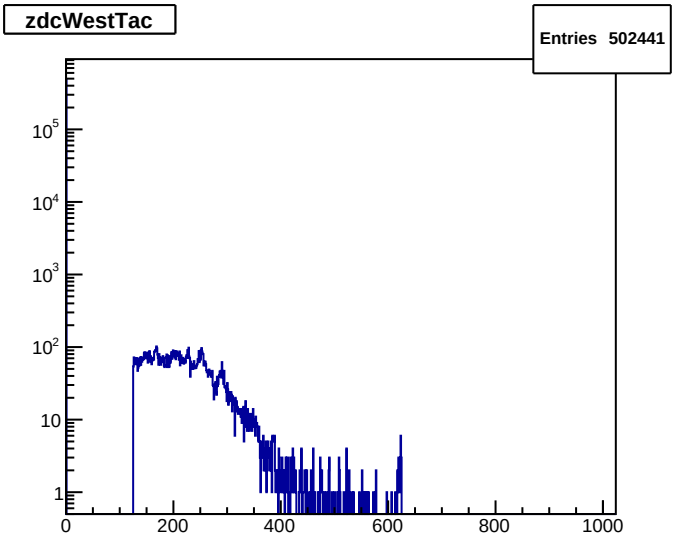

vpdWestAdcSumVsSimu
Entries 386061
Data
Simu

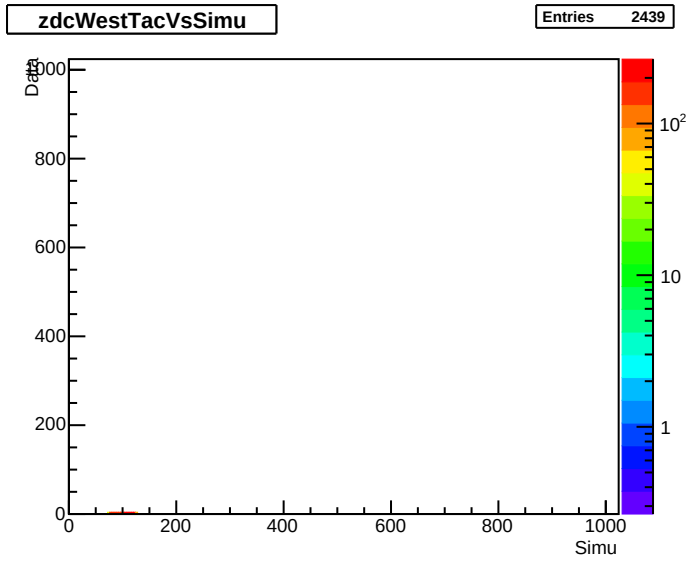

vpdWestTacMax
Entries 502441

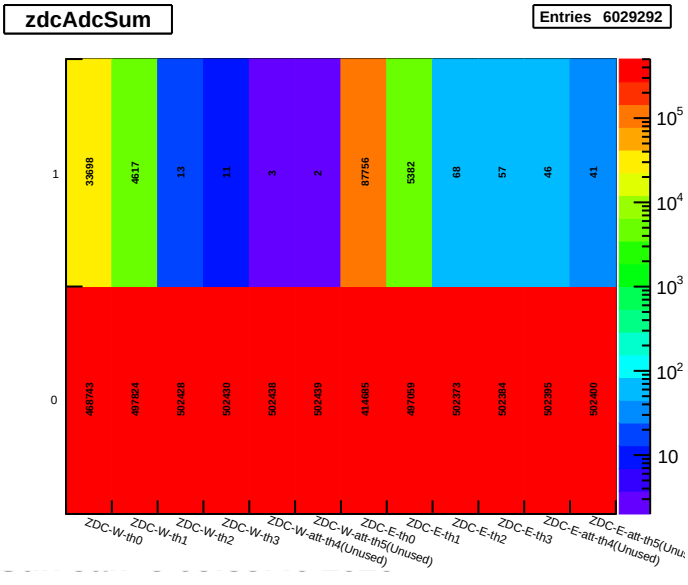

vpdWestTacMaxVsSimu
Entries 386061
Data
Simu

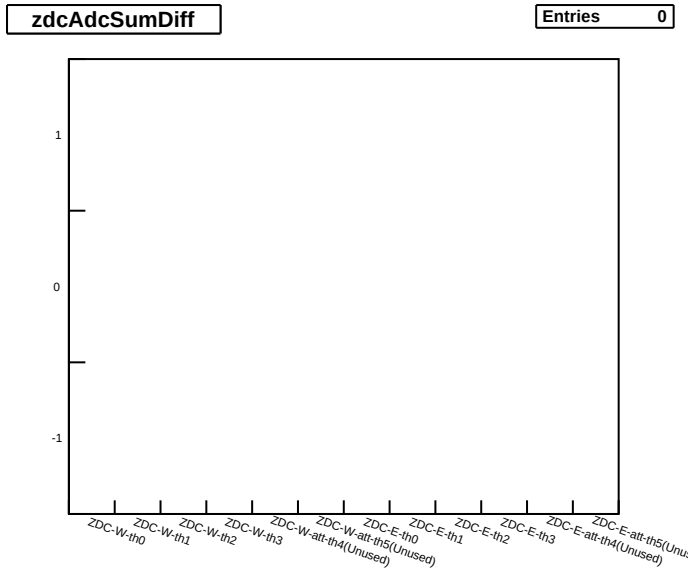

zdcEastTac
Entries 502441

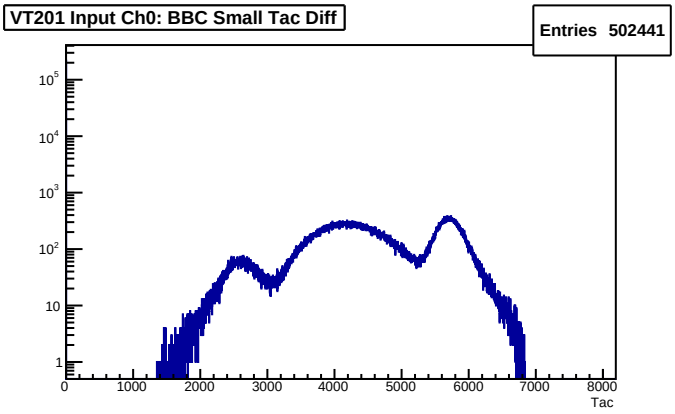

zdcEastTacVsSimu
Entries 1084
Data
Simu

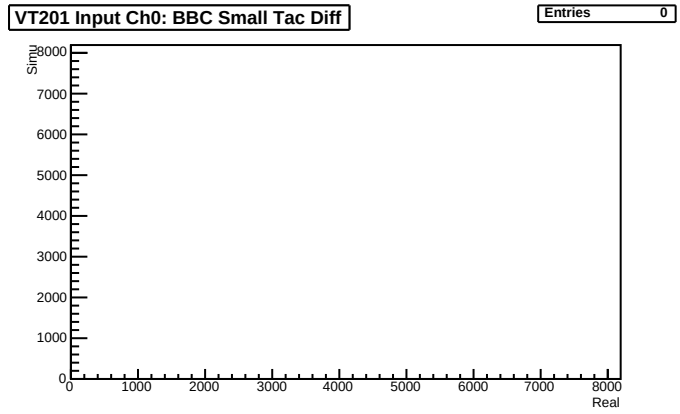

zdcWestTac
Entries 502441

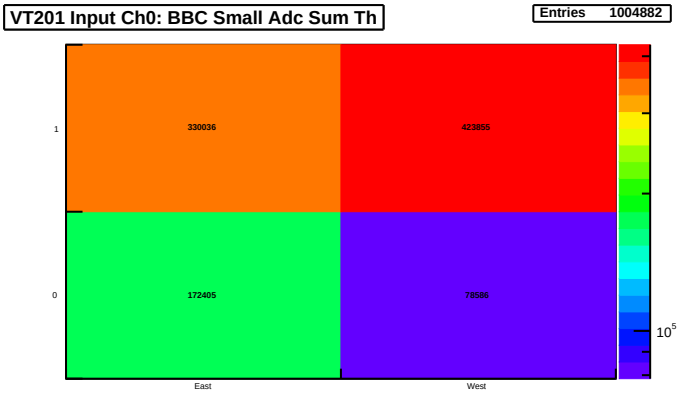

zdcWestTacVsSimu
Entries 2439
Data
Simu

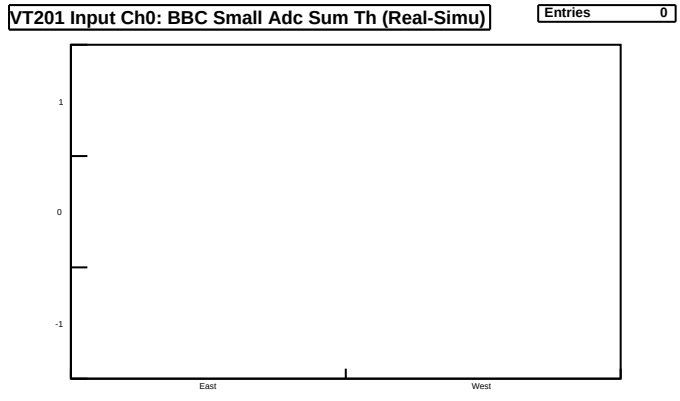

zdcAdcSum
Entries 6029292
33698
4617
13
11
3
2
87756
5382
68
57
46
41
468743
497824
502428
502430
502438
502439
414685
497669
502373
502384
502395
502400
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

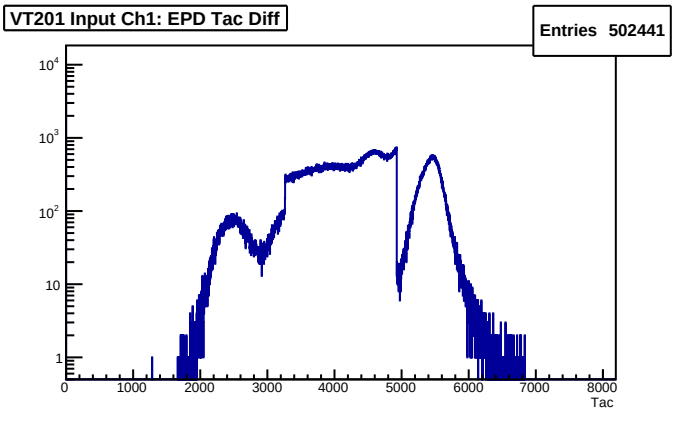

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

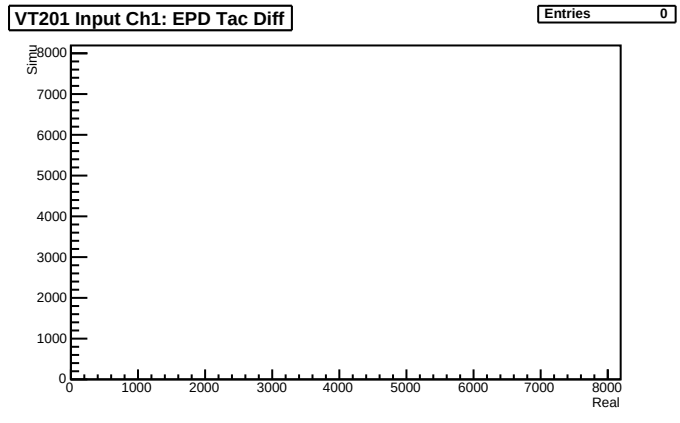

VT201 Input Ch0: BBC Small Tac Diff
Entries 502441
Tac

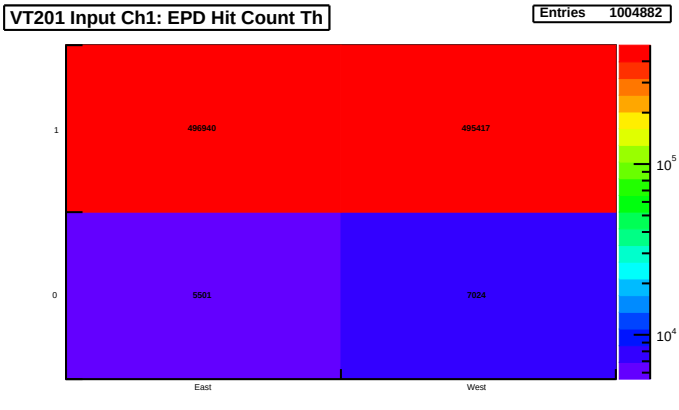

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

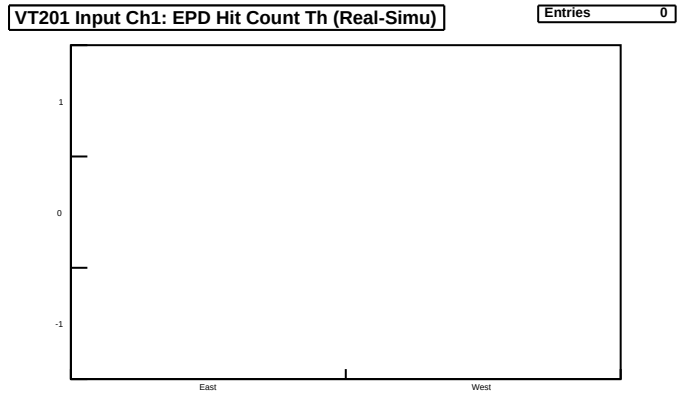

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1004882
330036
423855
172405
78586
East
West

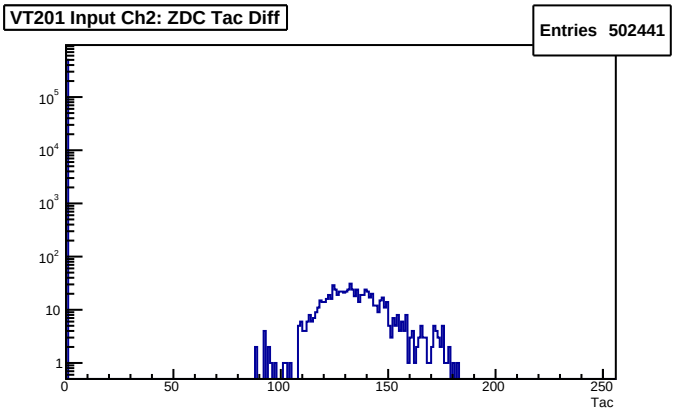

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

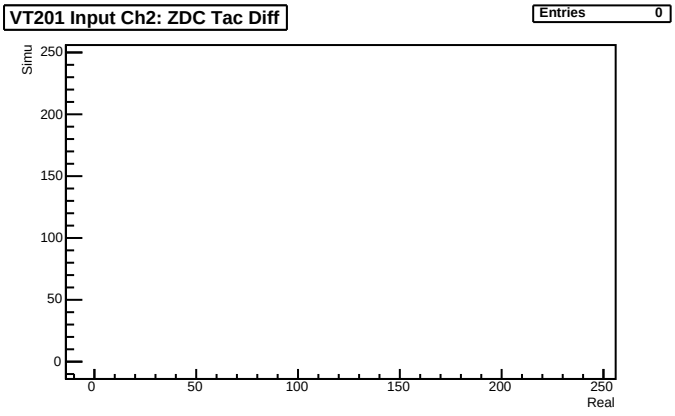

VT201 Input Ch1: EPD Tac Diff
Entries 502441
Tac

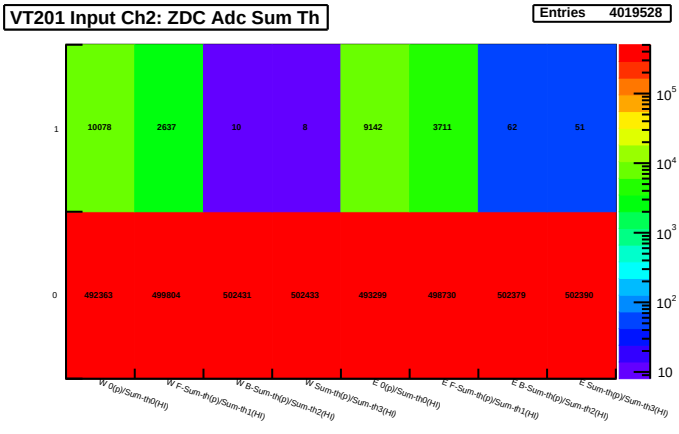

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

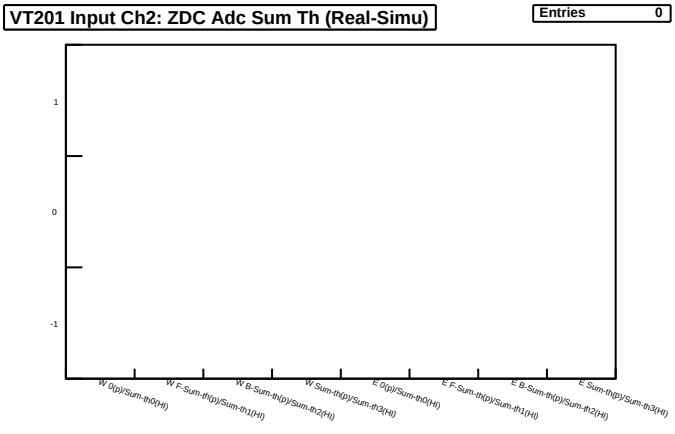

VT201 Input Ch1: EPD Hit Count Th
Entries 1004882
496940
495417
5501
7024
East
West

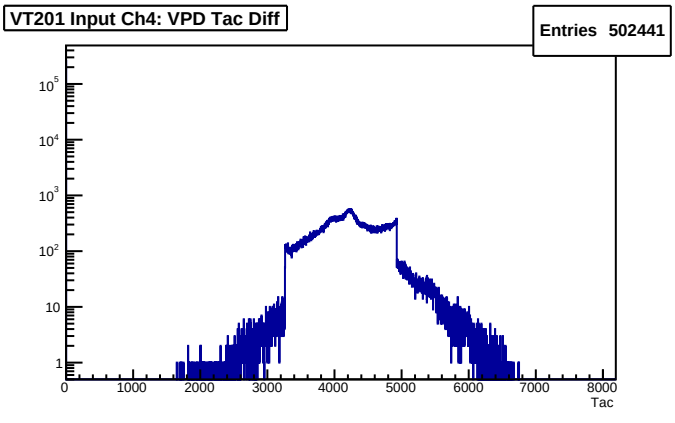

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

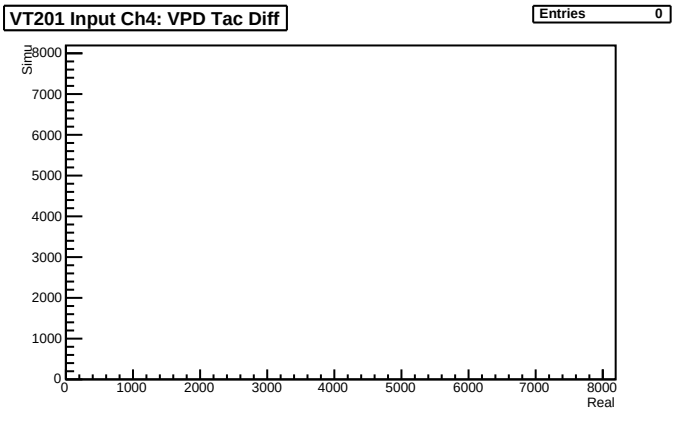

VT201 Input Ch2: ZDC Tac Diff
Entries 502441
Tac

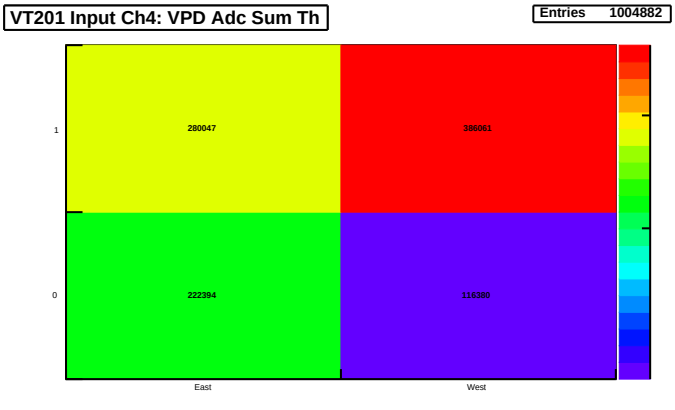

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

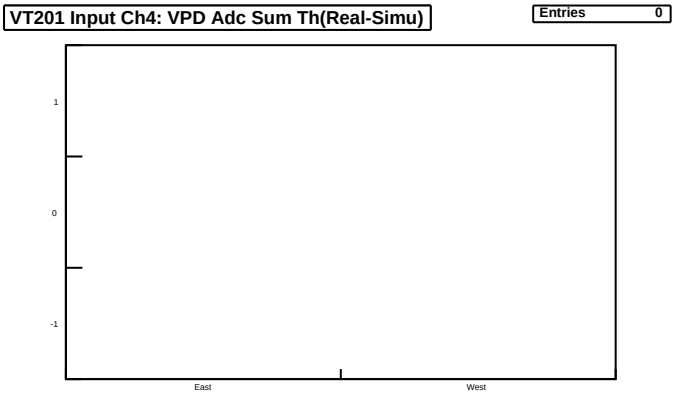

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4019528
10078
2637
10
8
9142
3711
62
51
492363
499804
502431
502433
493299
498730
502379
502390
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

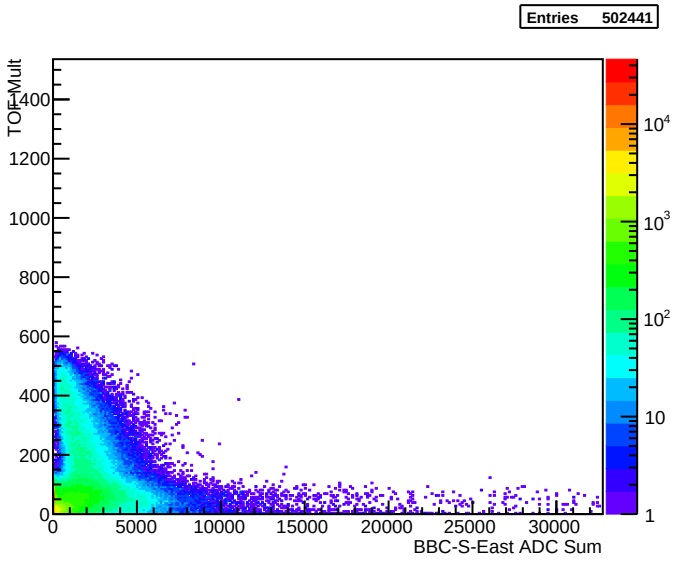

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

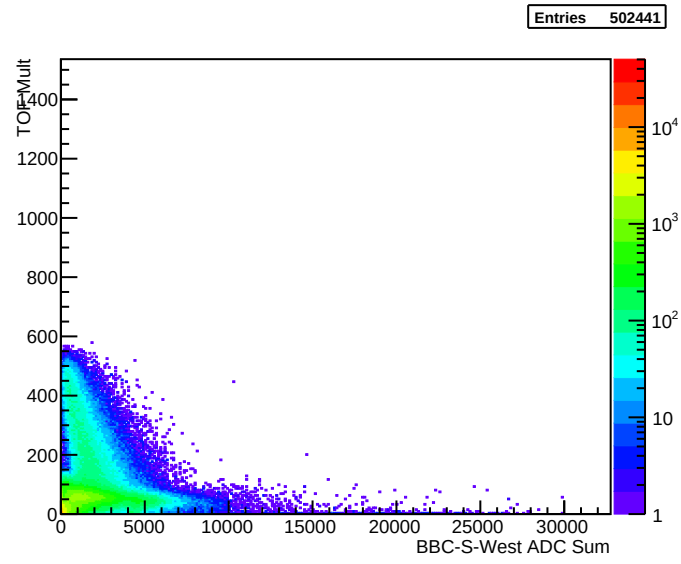

VT201 Input Ch4: VPD Tac Diff
Entries 502441
Tac

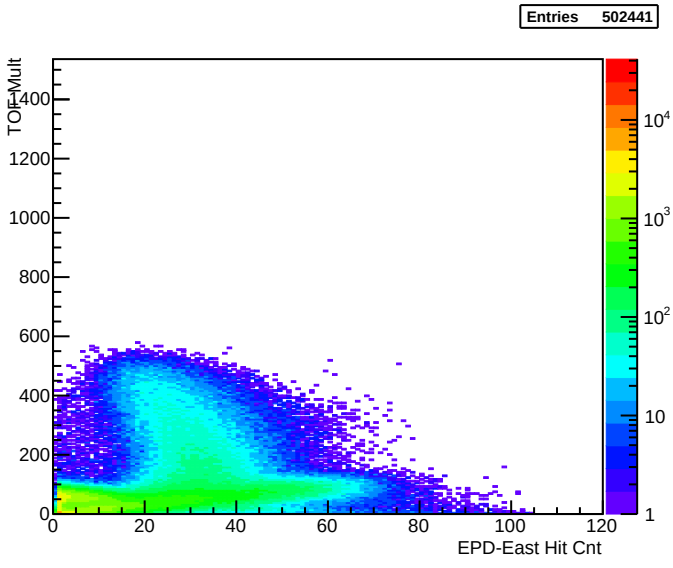

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

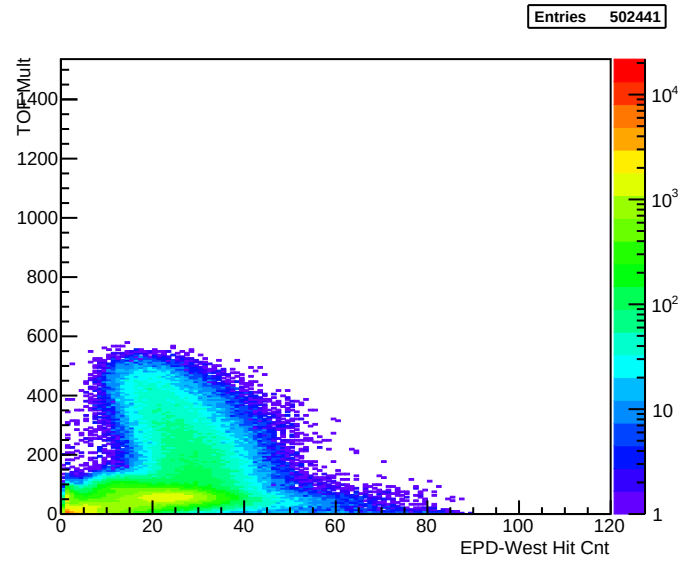

VT201 Input Ch4: VPD Adc Sum Th
Entries 1004882
280047
386061
222394
116380
East
West

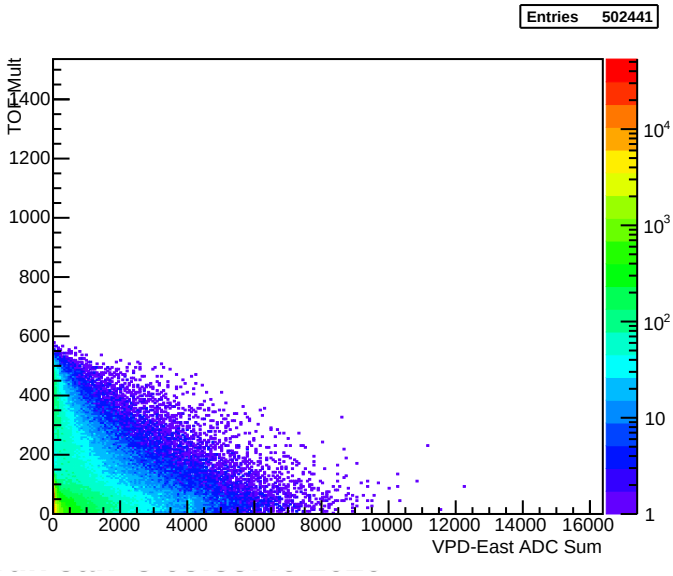

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

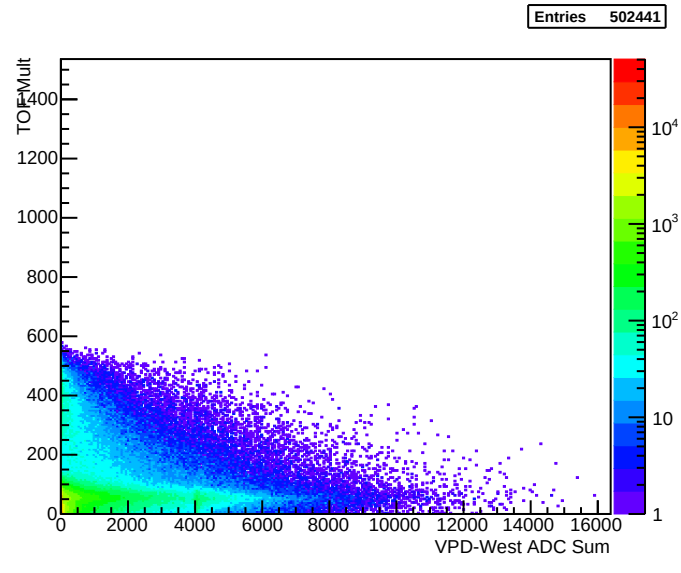

Entries 502441
TOF-Mult
BBC-S-East ADC Sum

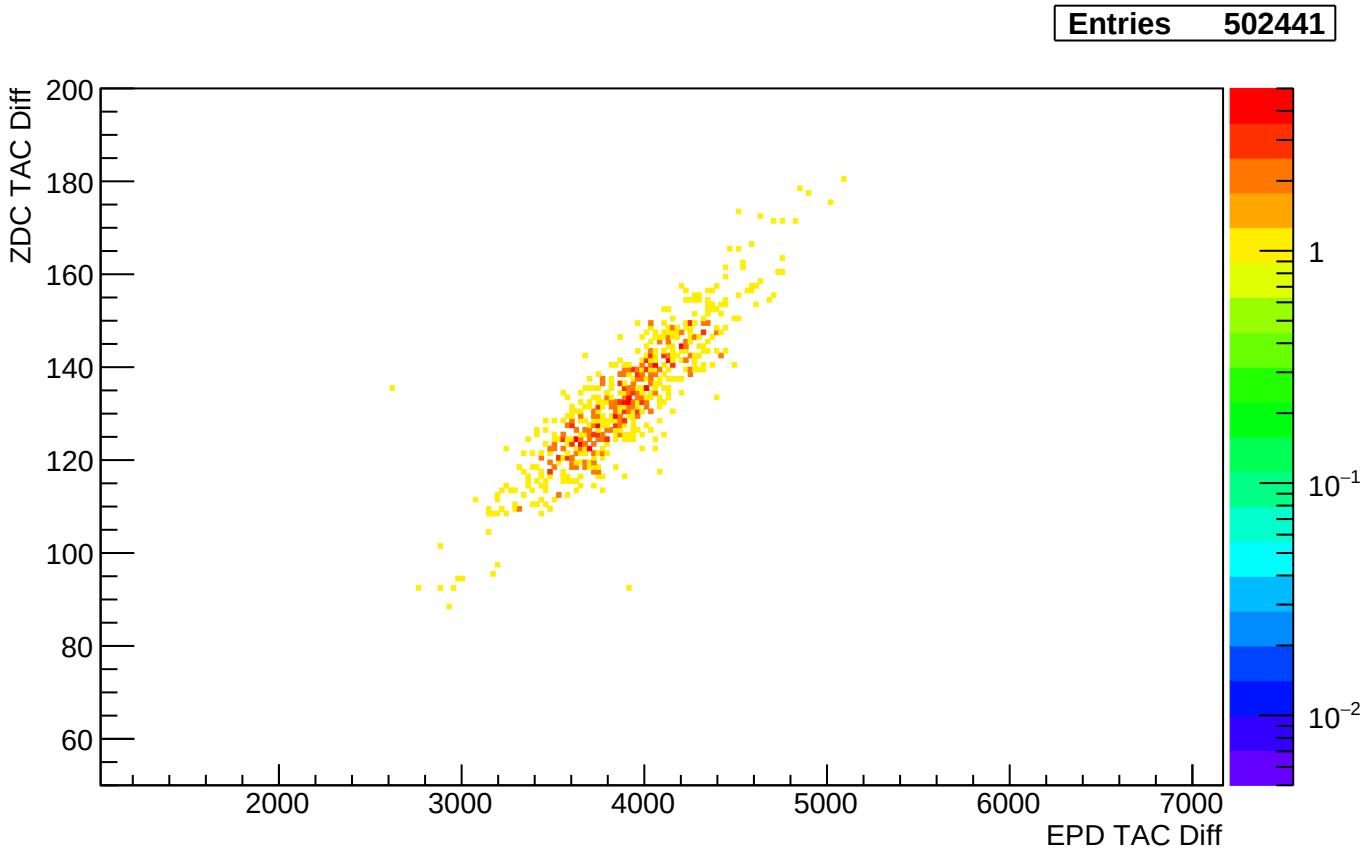

Entries 502441
TOF-Mult
BBC-S-West ADC Sum

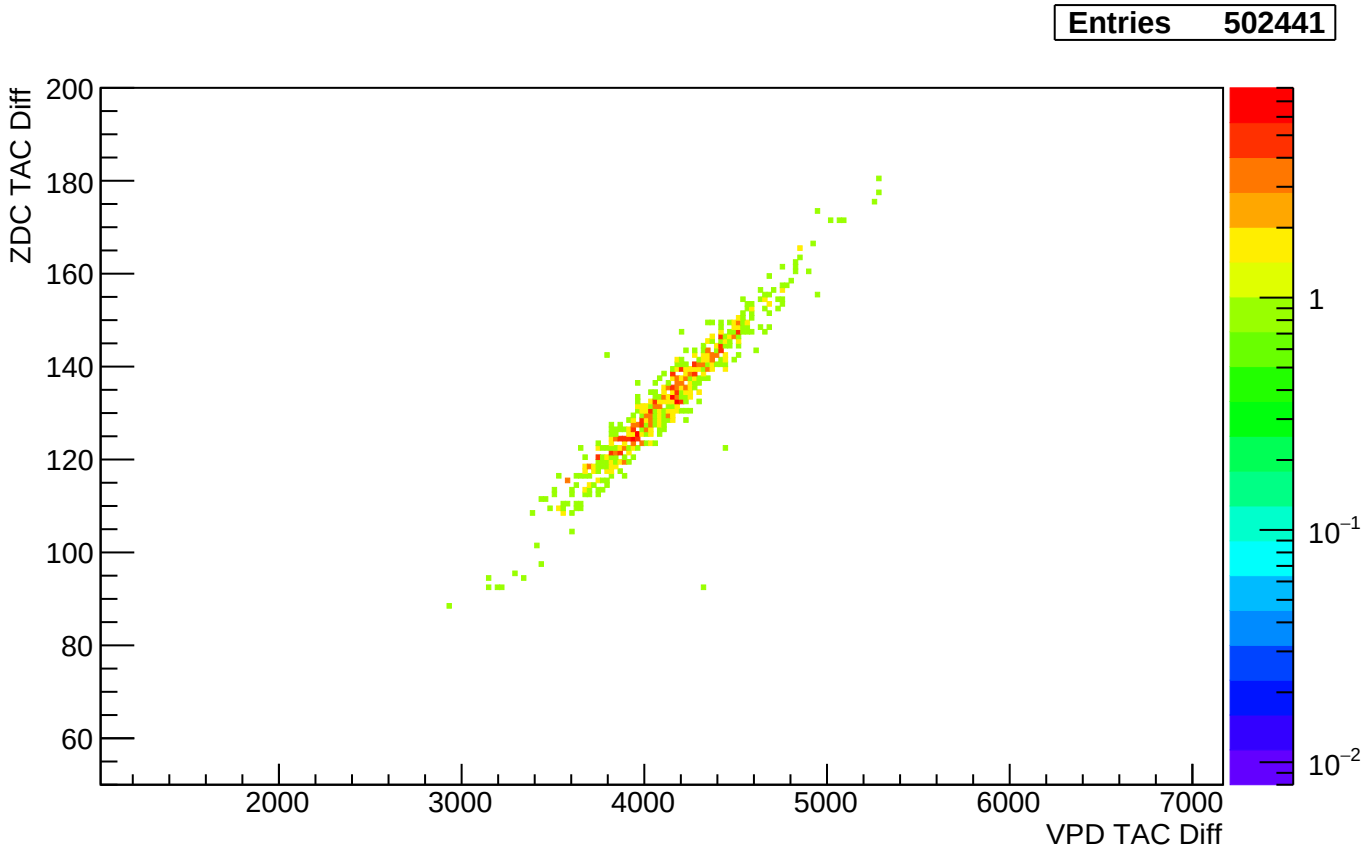

Entries 502441
TOF-Mult
EPD-East Hit Cnt

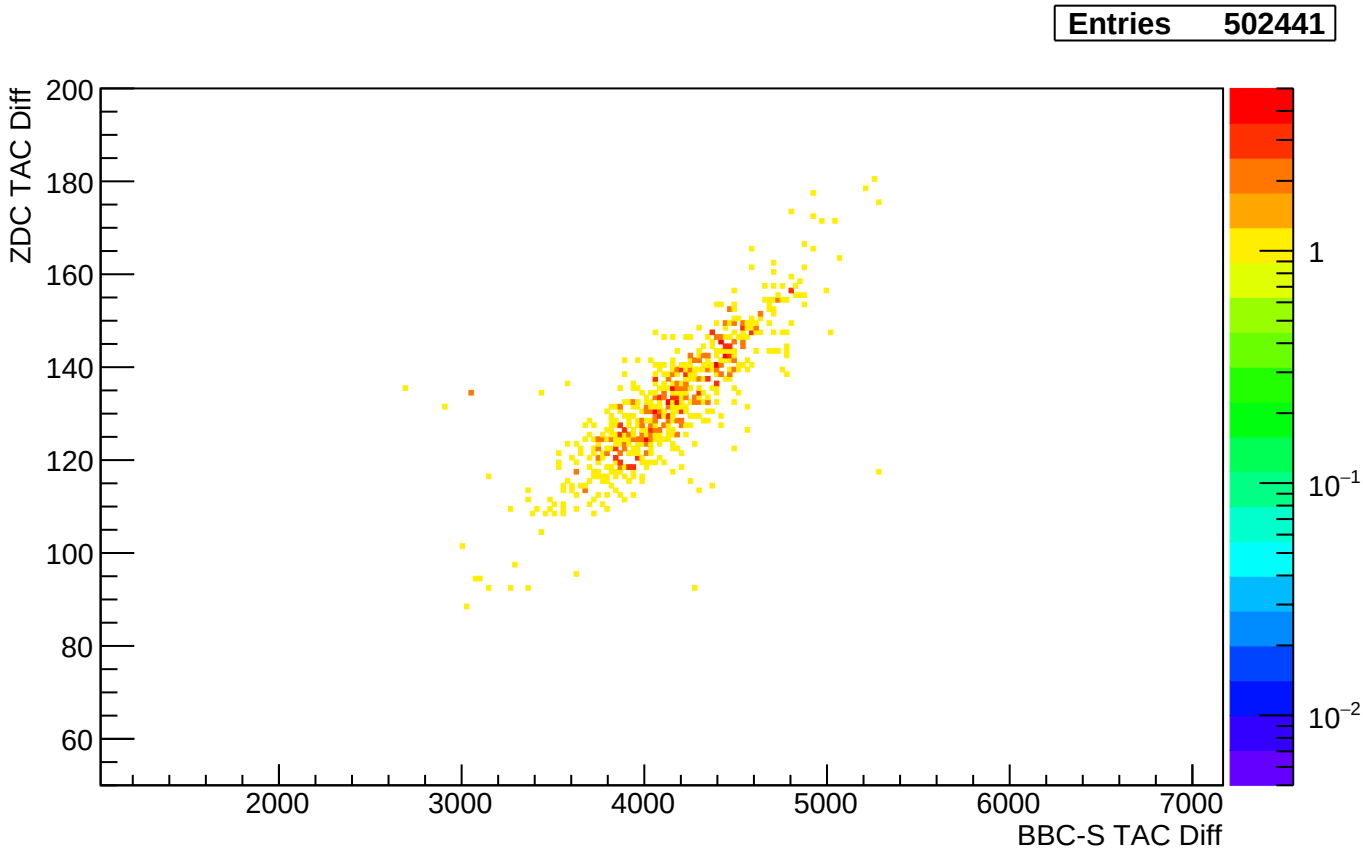

Entries 502441
TOF-Mult
EPD-West Hit Cnt

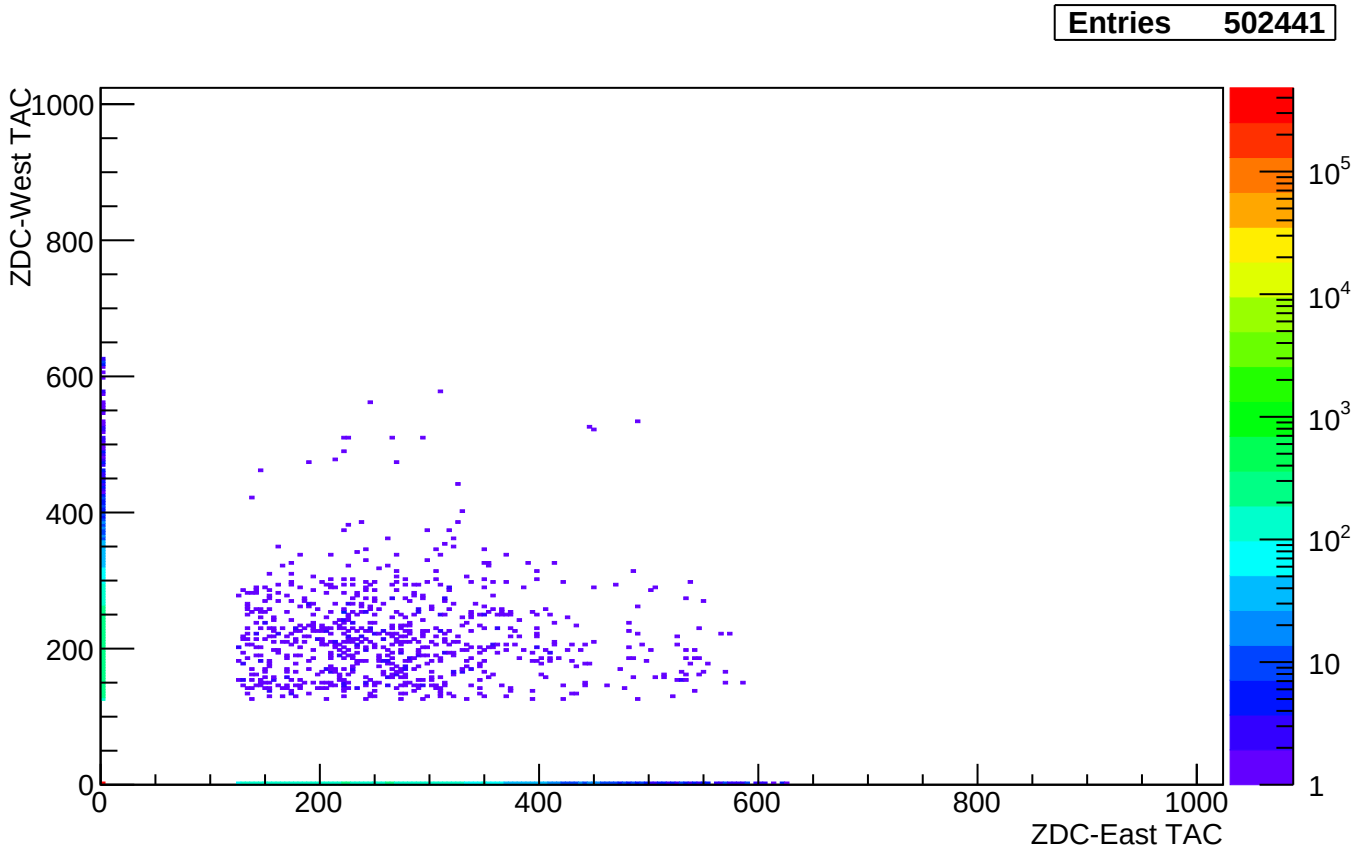

Entries 502441
TOF-Mult
VPD-East ADC Sum

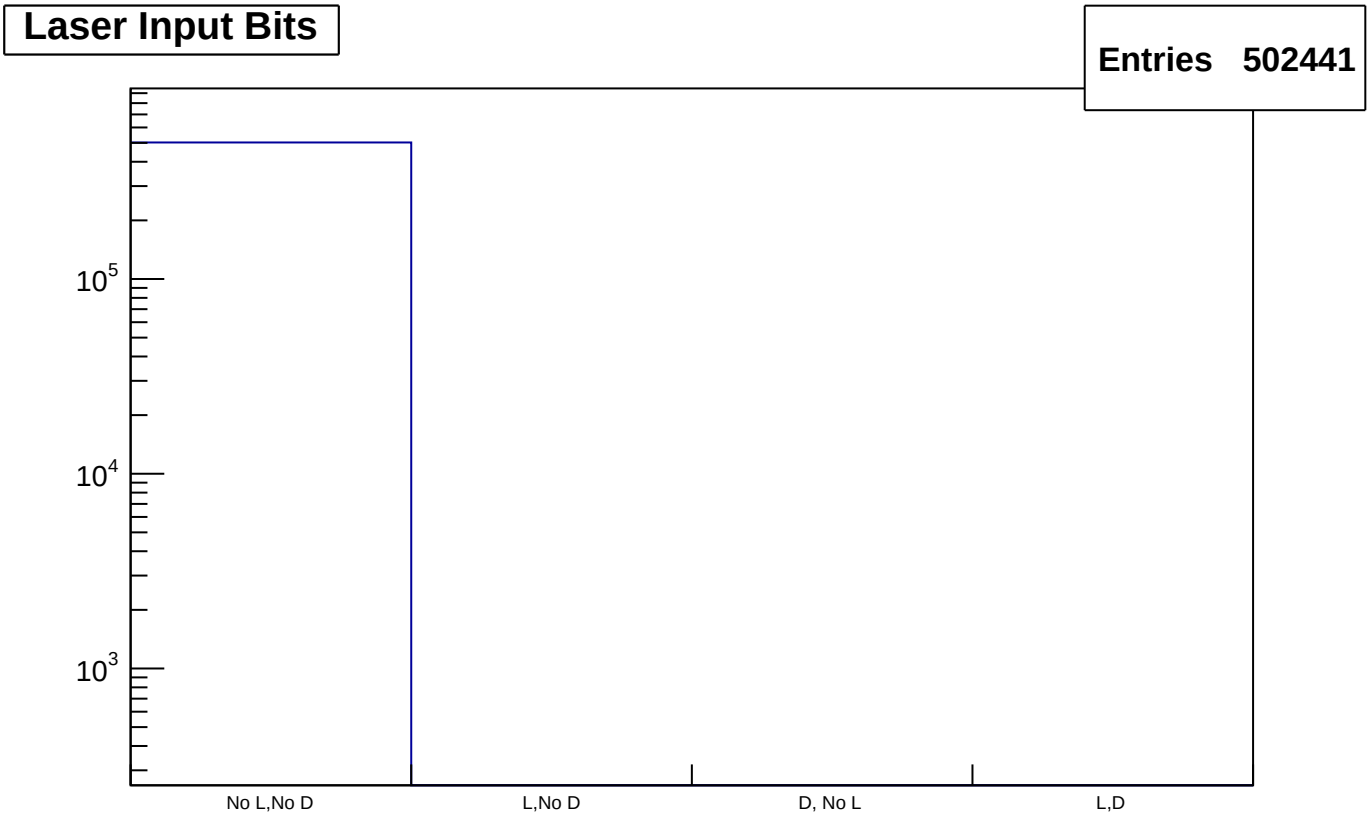

Entries 502441
TOF-Mult
VPD-West ADC Sum

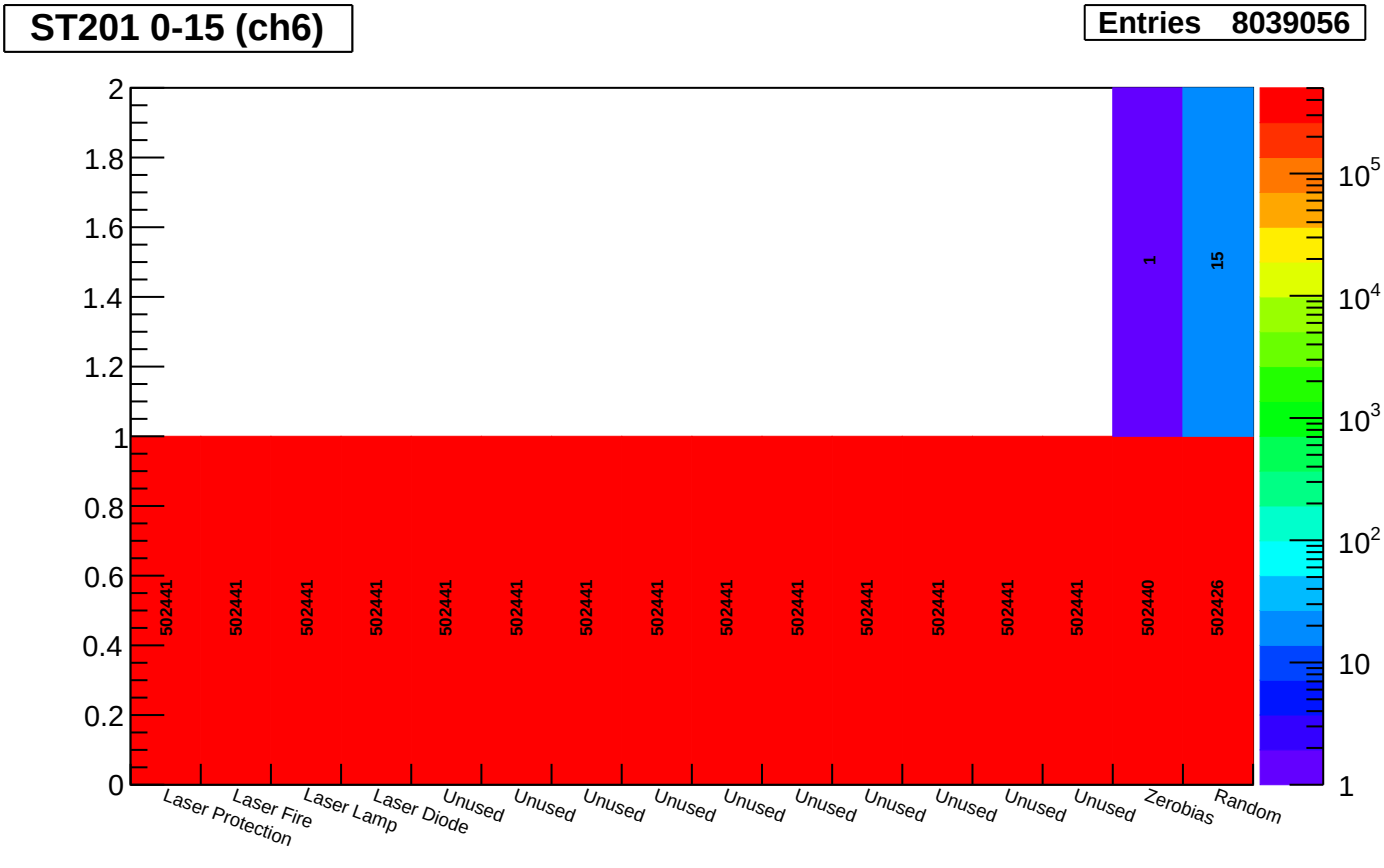

Entries 502441
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

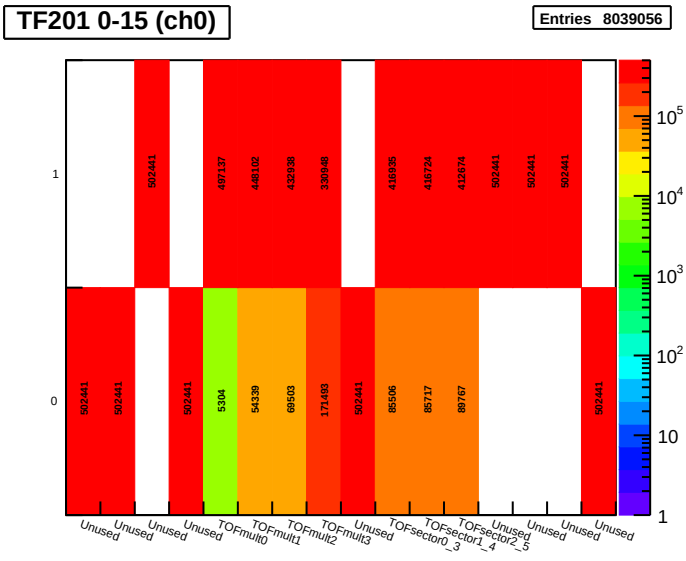

Entries 502441
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

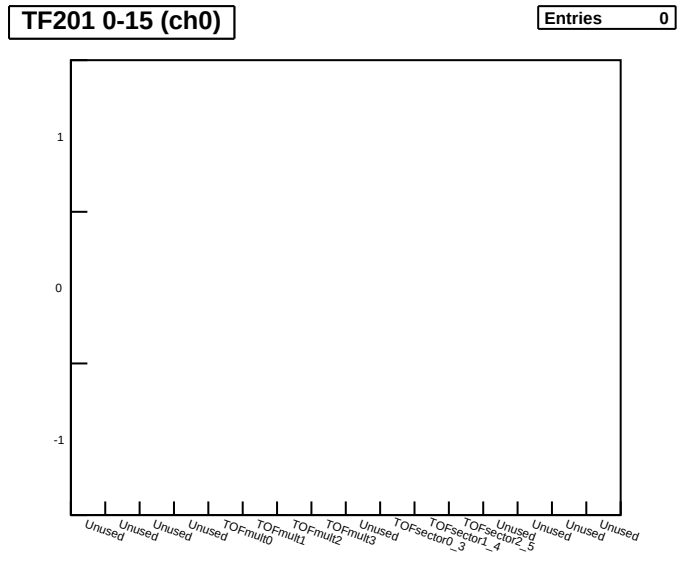

Entries 502441
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

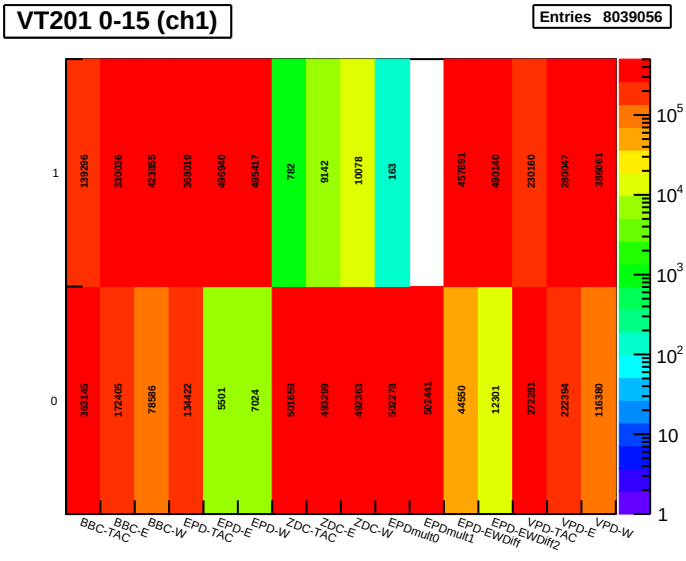

Entries 502441
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

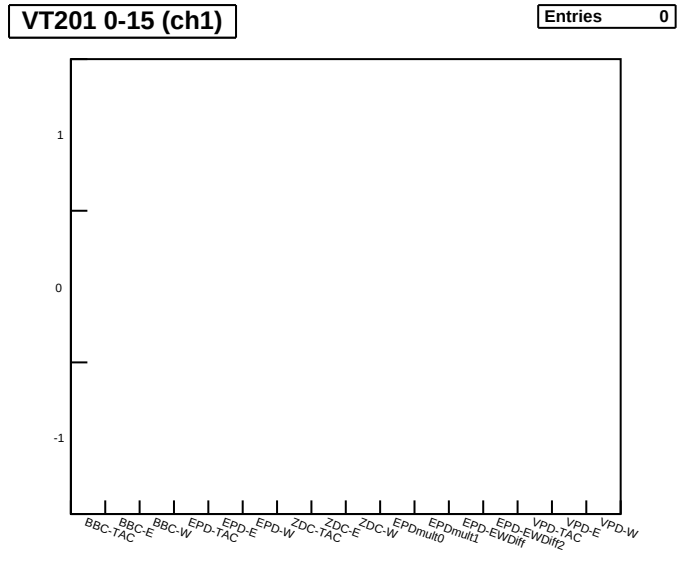

Laser Input Bits
Entries 502441
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

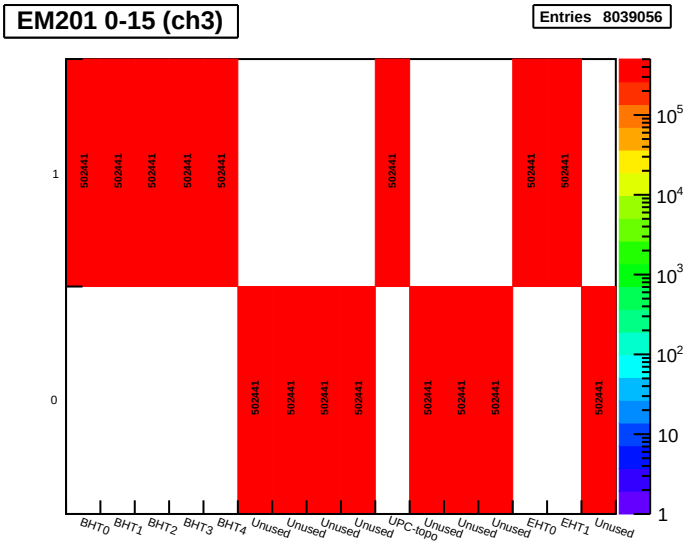

ST201 0-15 (ch6)
Entries 8039056
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502440
502426
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

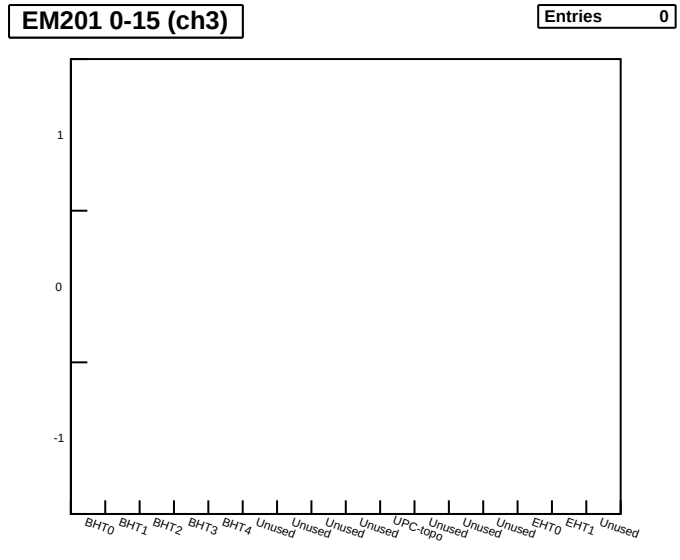

TF201 0-15 (ch0)
Entries 8039056
1
0
502441
497137
448102
422938
330948
416935
416724
412674
502441
502441
502441
502441
502441
502441
5304
54339
69503
171493
502441
85506
85717
89767
502441
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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
Unused


VT201 0-15 (ch1)
Entries 8039056
1
0
139256
330036
423855
368019
496940
495417
752
9142
10078
163
457891
490140
230160
280047
386061
383145
172405
78586
134422
5501
7024
501659
493299
492363
502278
502441
44550
12301
272261
222394
116380
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 8039056
1
0
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
502441
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