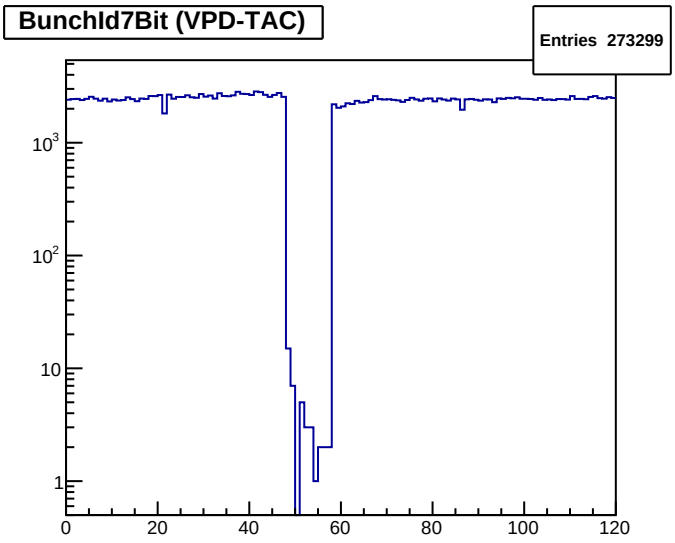
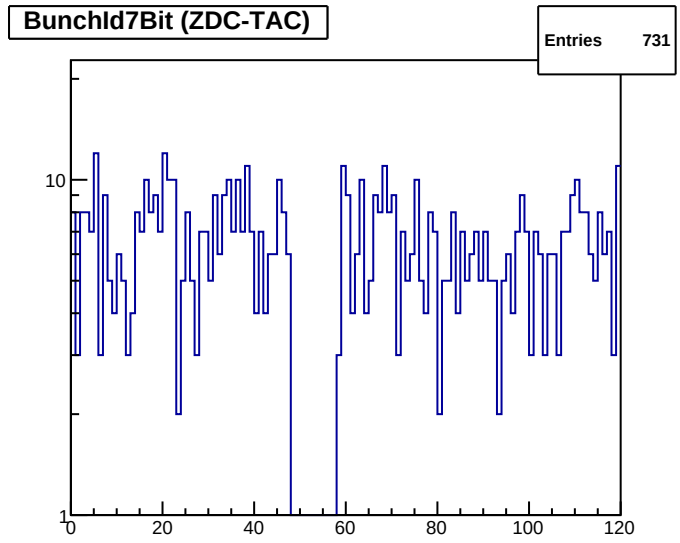
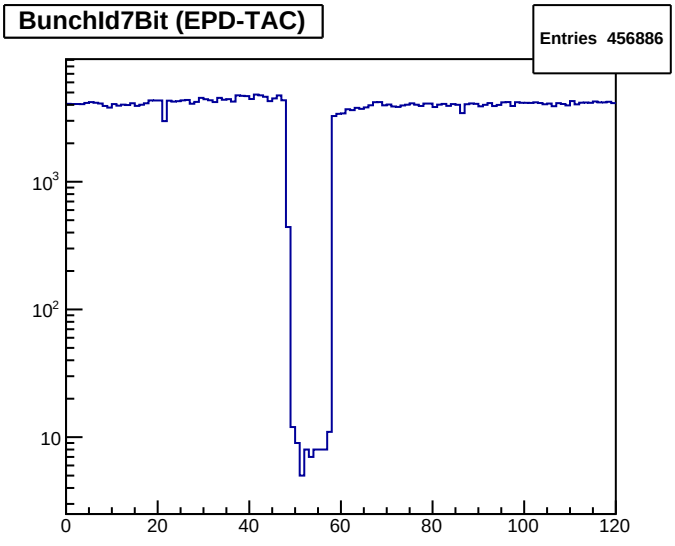
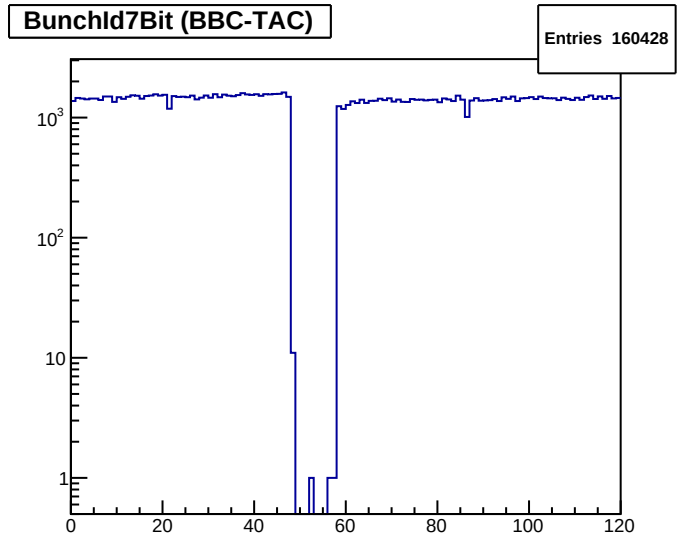
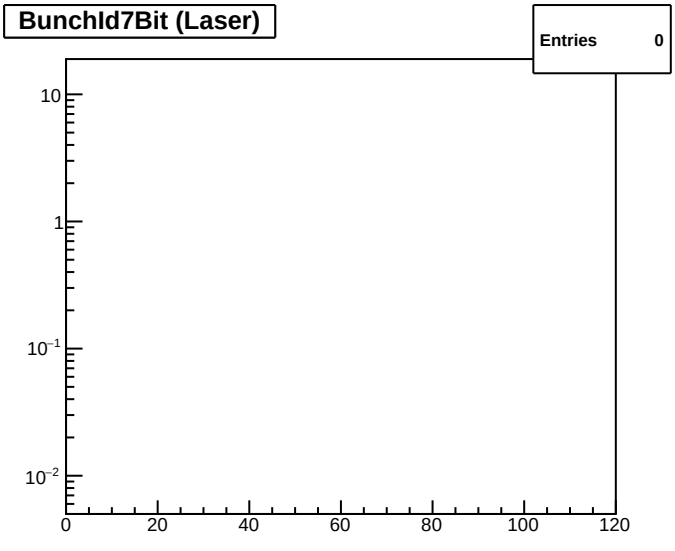
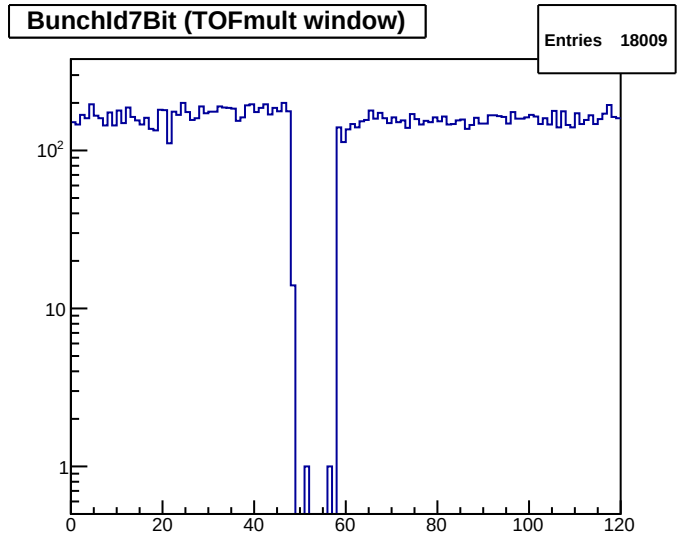

BunchId7Bit (VPD-TAC)
Entries 273299

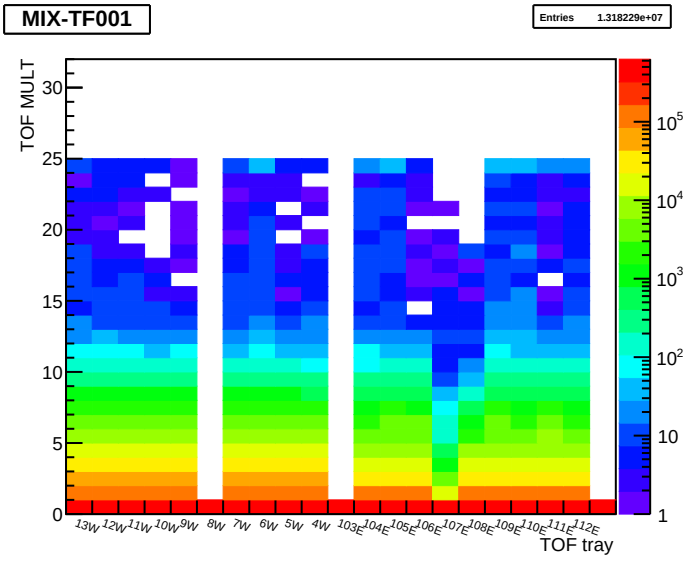

BunchId7Bit (ZDC-TAC)
Entries 731

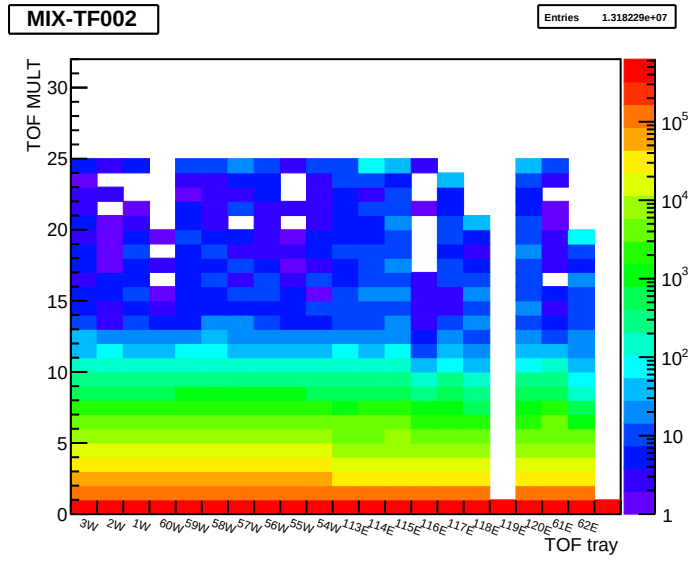

BunchId7Bit (EPD-TAC)
Entries 456886

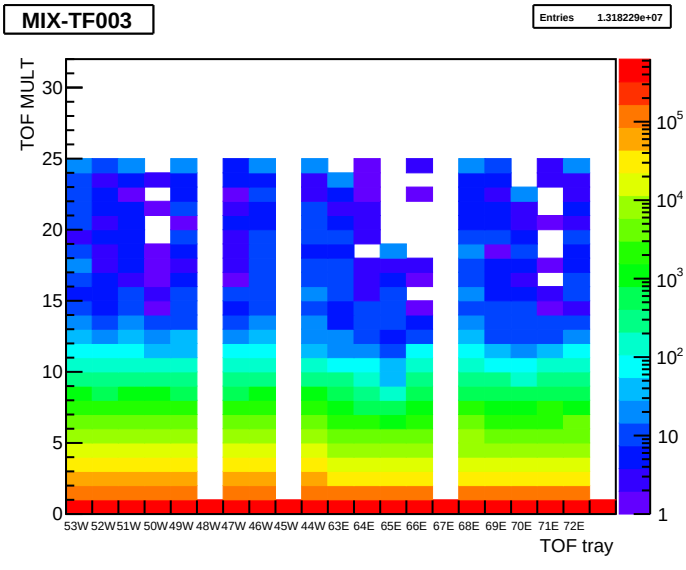

BunchId7Bit (BBC-TAC)
Entries 160428

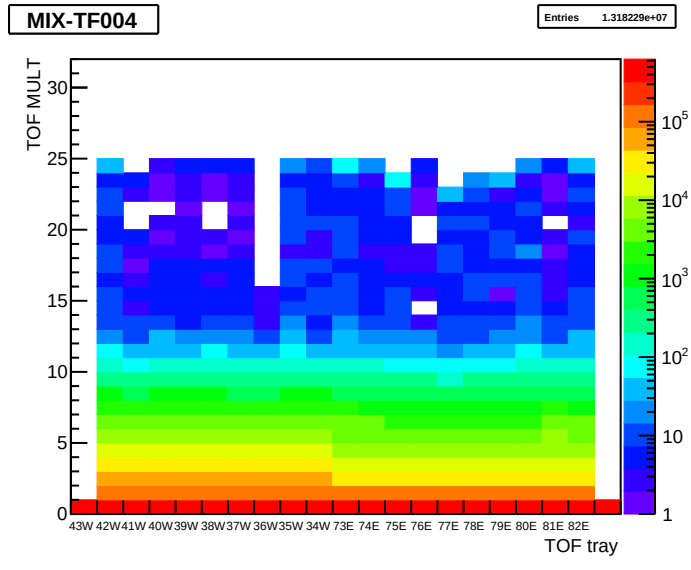

BunchId7Bit (Laser)
Entries 0

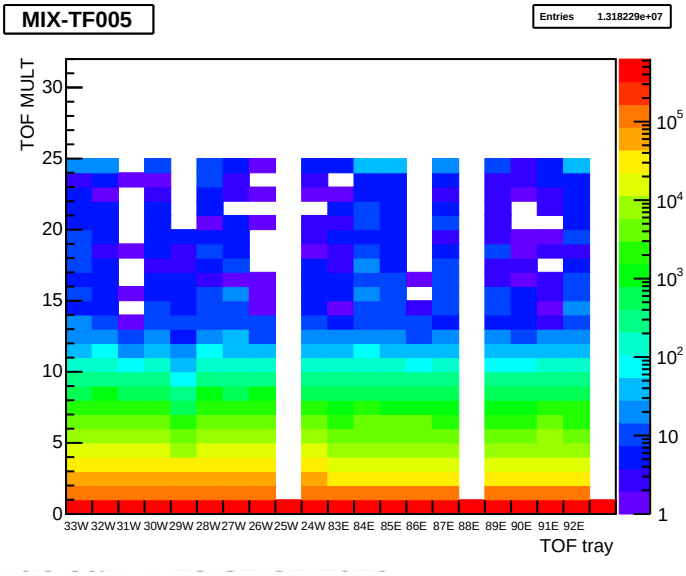

BunchId7Bit (TOFmult window)
Entries 18009

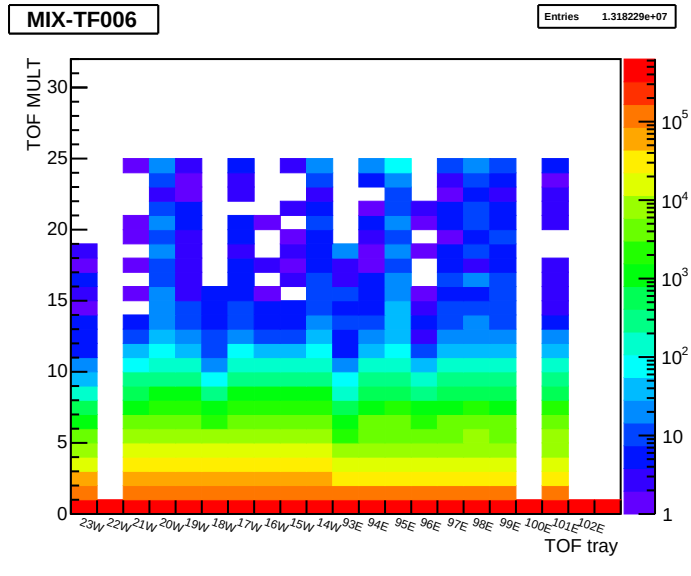

MIX-TF001
Entries 1.318229e+07
TOF MULT
TOF tray

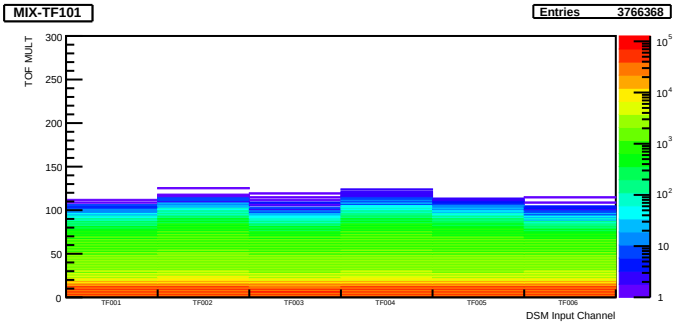

MIX-TF002
Entries 1.318229e+07
TOF MULT
TOF tray

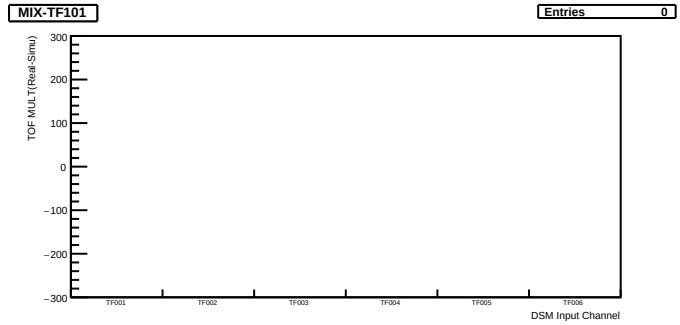

MIX-TF003
Entries 1.318229e+07
TOF MULT
TOF tray

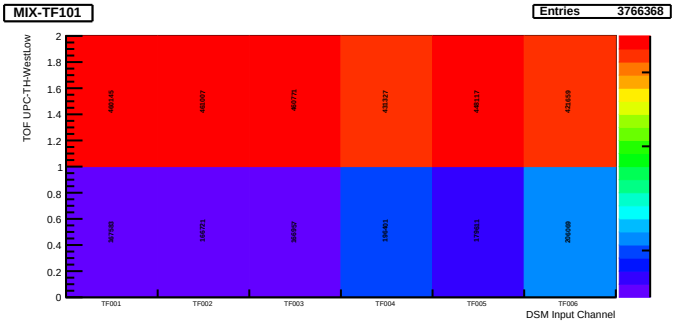

MIX-TF004
Entries 1.318229e+07
TOF MULT
TOF tray

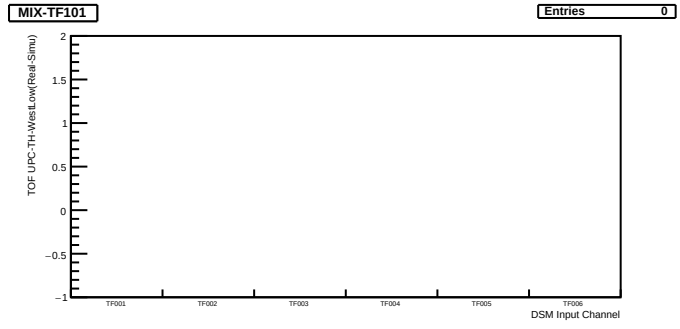

MIX-TF005
Entries 1.318229e+07
TOF MULT
TOF tray

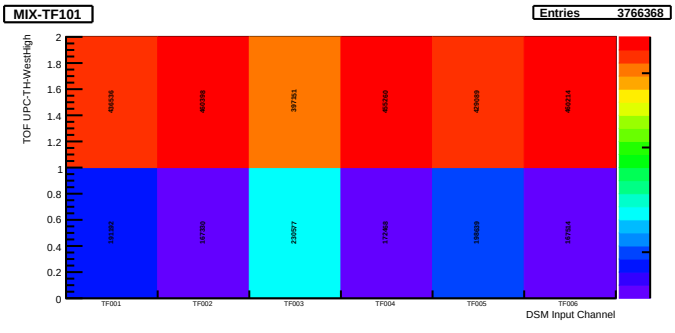

MIX-TF006
Entries 1.318229e+07
TOF MULT
TOF tray

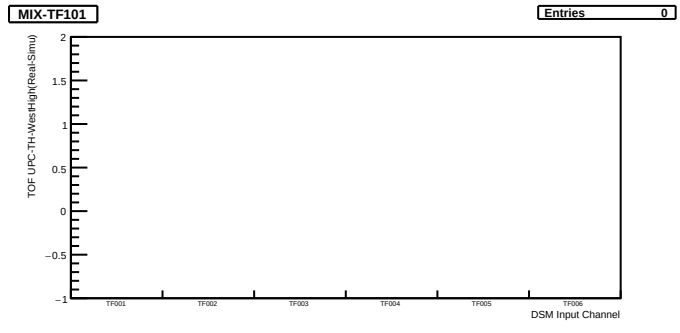

MIX-TF101
Entries 3766368
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

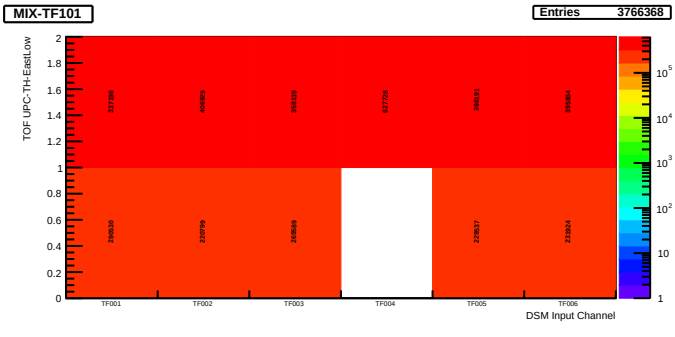

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

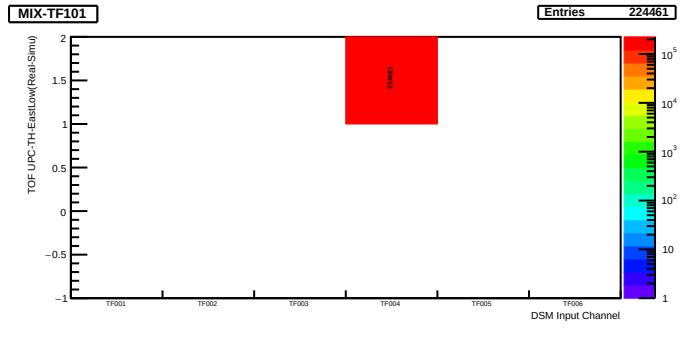

MIX-TF101
Entries 3766368
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

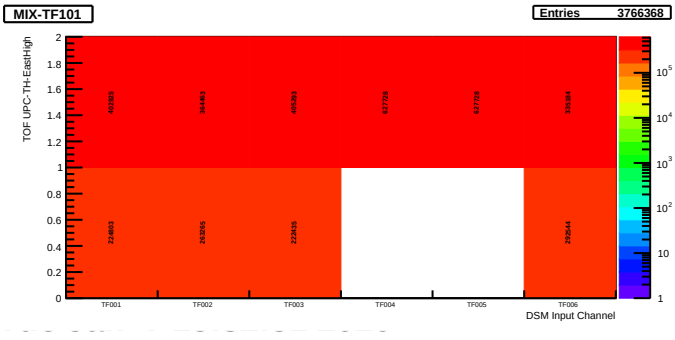

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

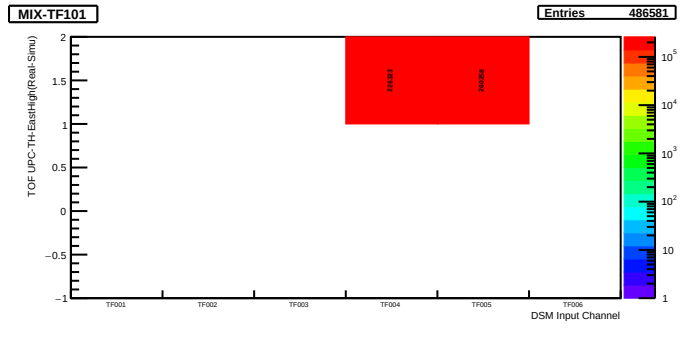

MIX-TF101
Entries 3766368
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

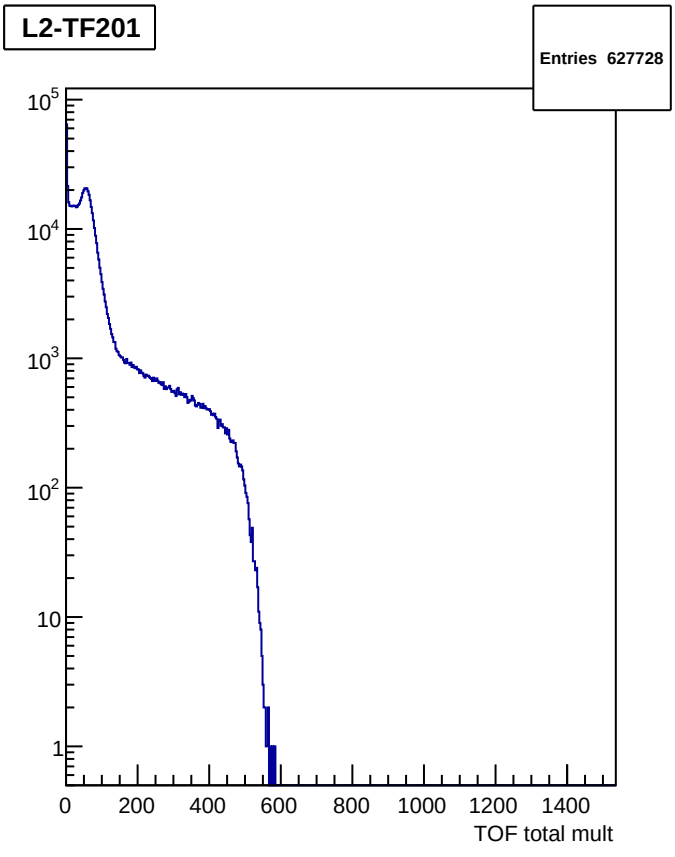

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

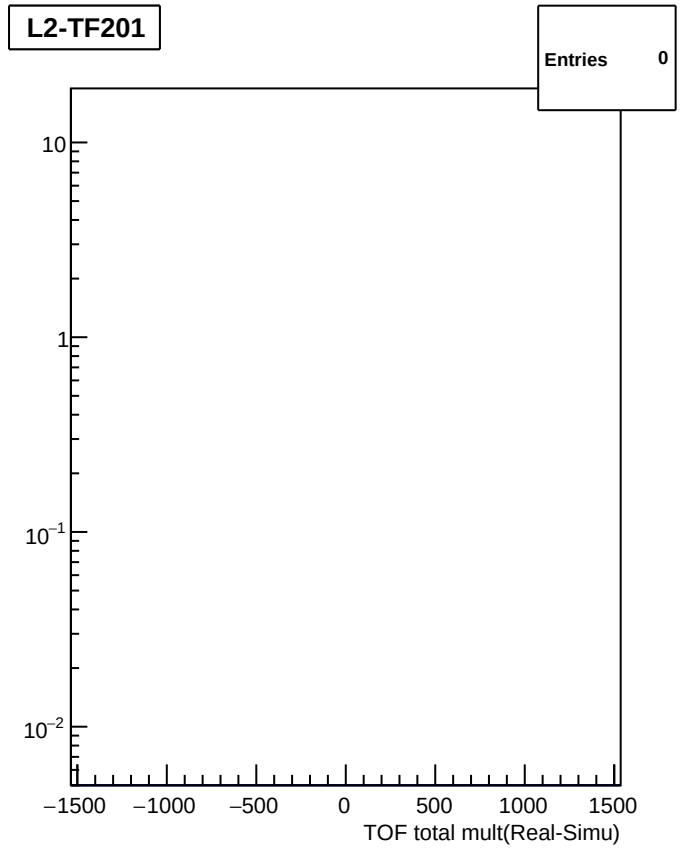

MIX-TF101
Entries 3766368
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

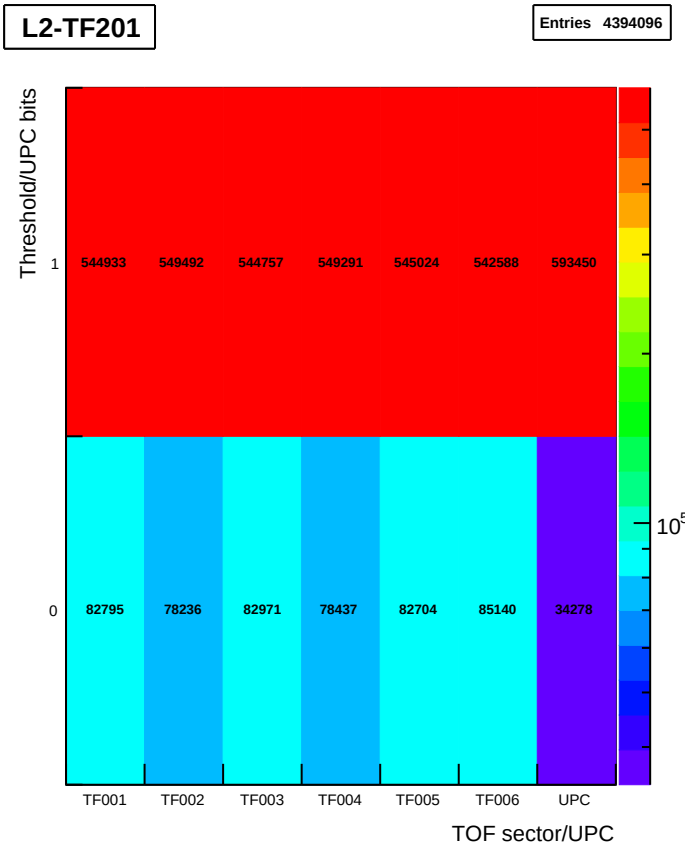

MIX-TF101
Entries 224461
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

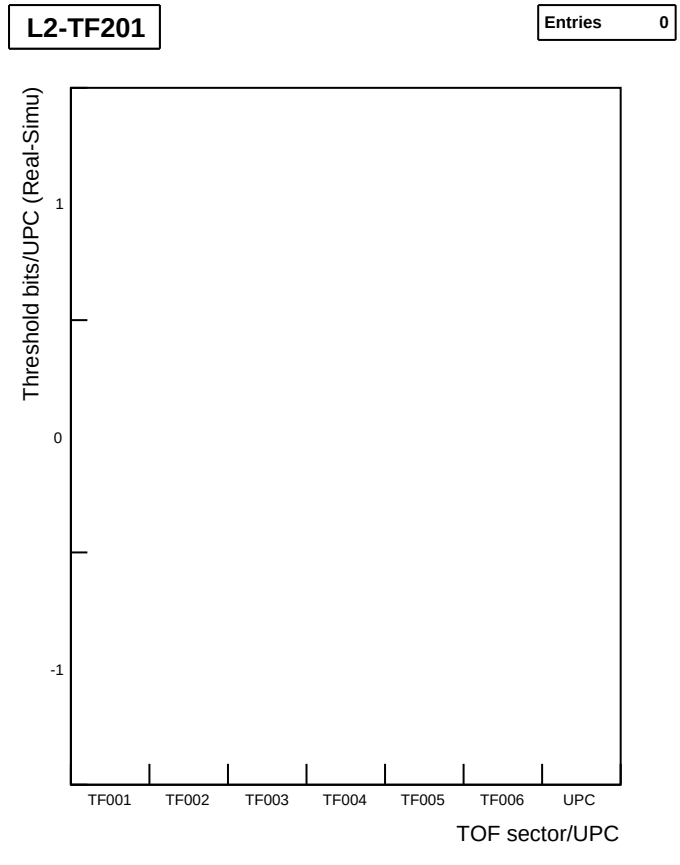

MIX-TF101
Entries 3766368
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

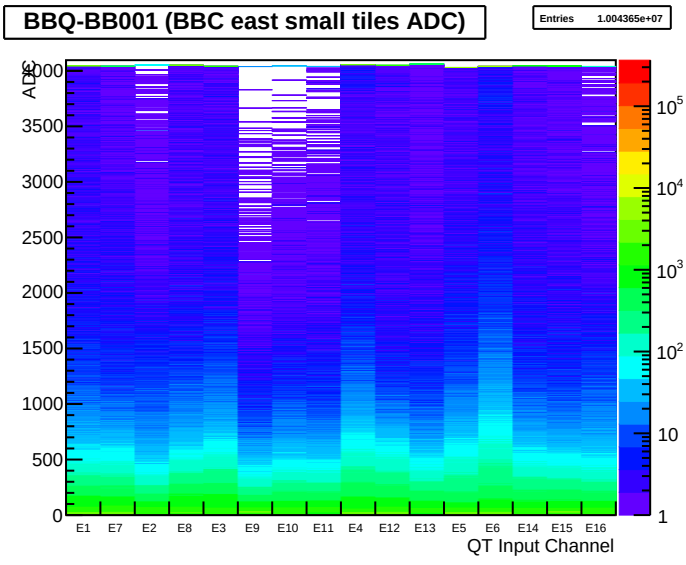

MIX-TF101
Entries 486581
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

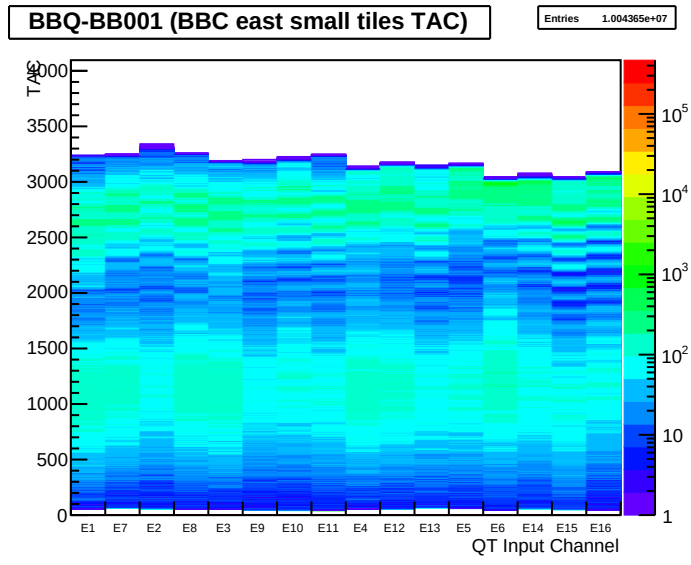

L2-TF201
Entries 627728
TOF total mult

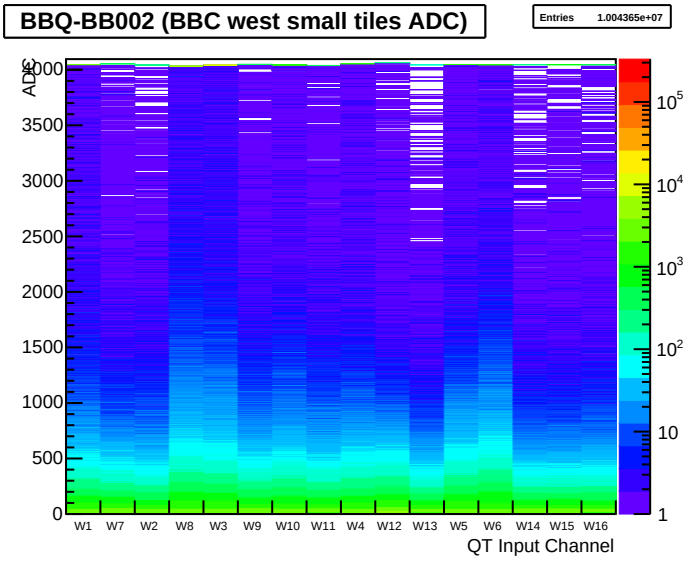

L2-TF201
Entries 0
TOF total mult(Real-Simu)

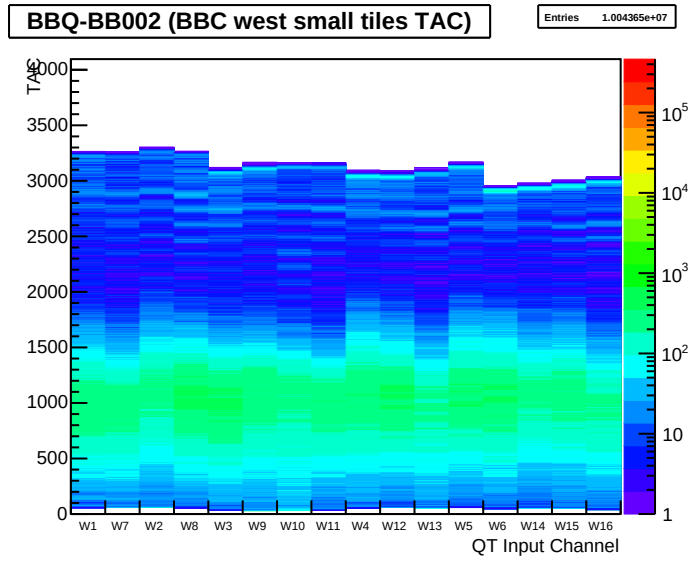

L2-TF201
Entries 4394096
Threshold/UPC bits
544933
549492
544757
549291
545024
542588
593450
82795
78236
82971
78437
82704
85140
34278
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

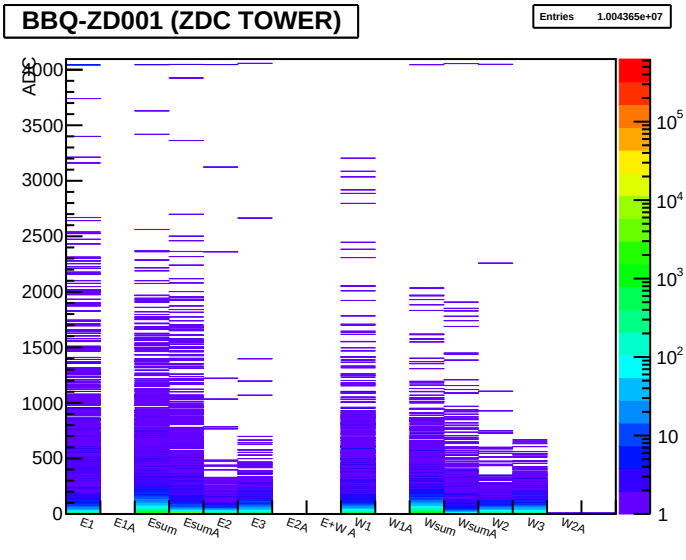

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

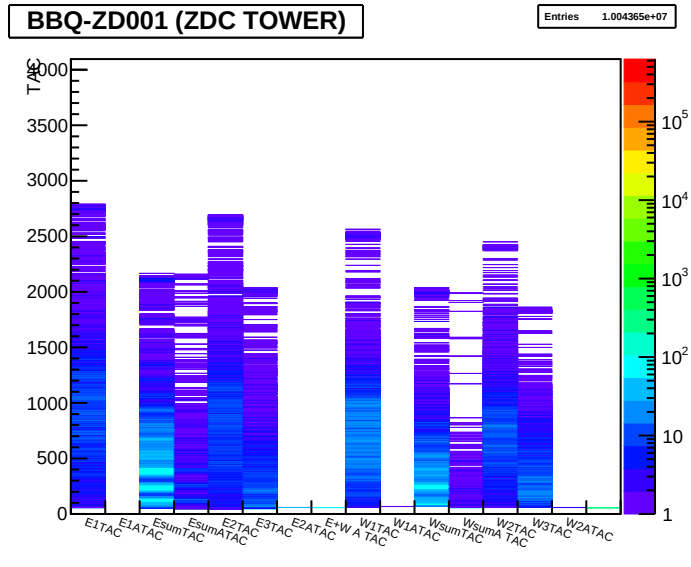

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.004365e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

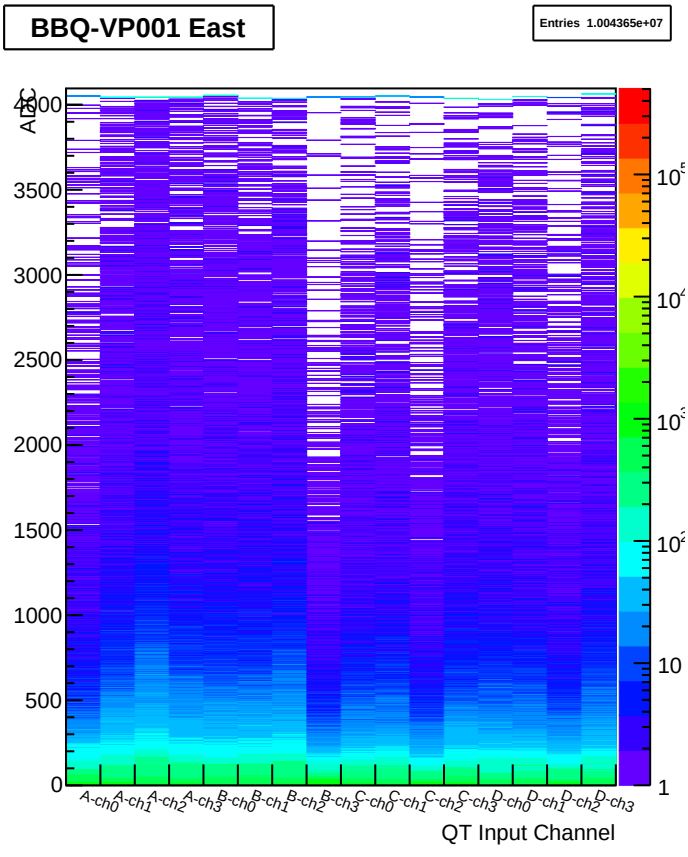

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.004365e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

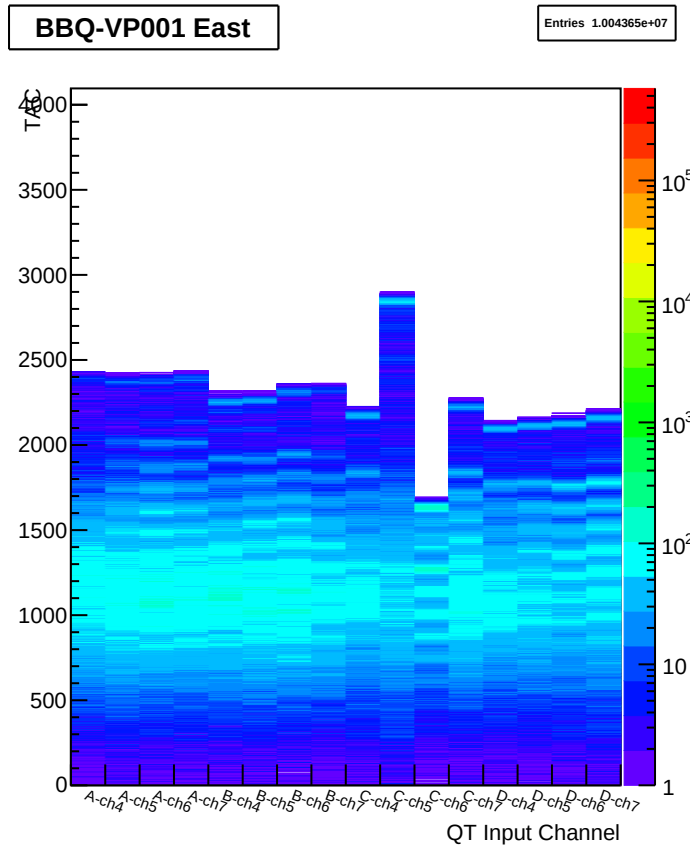

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.004365e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

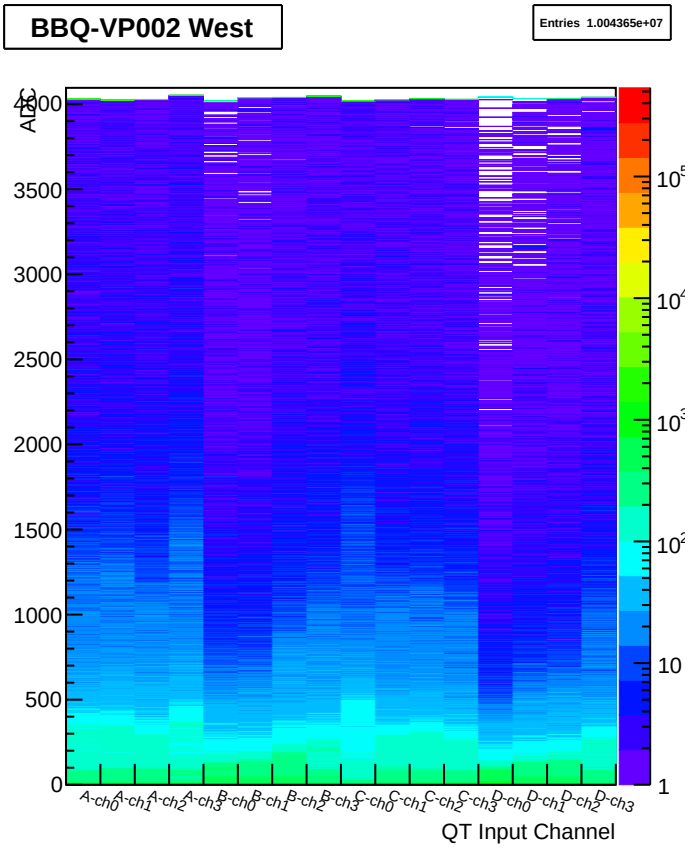

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.004365e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

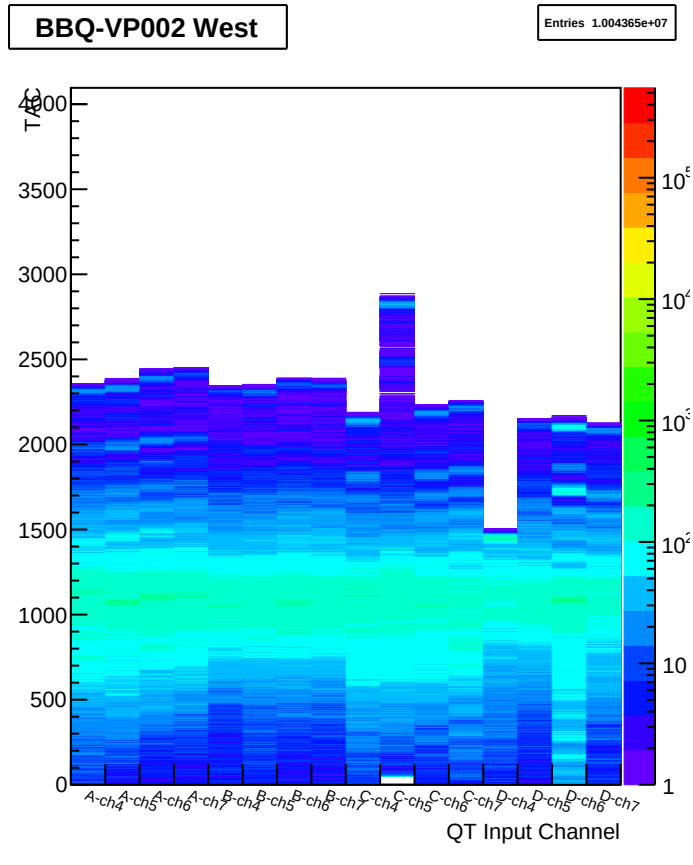

BBQ-ZD001 (ZDC TOWER)
Entries 1.004365e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

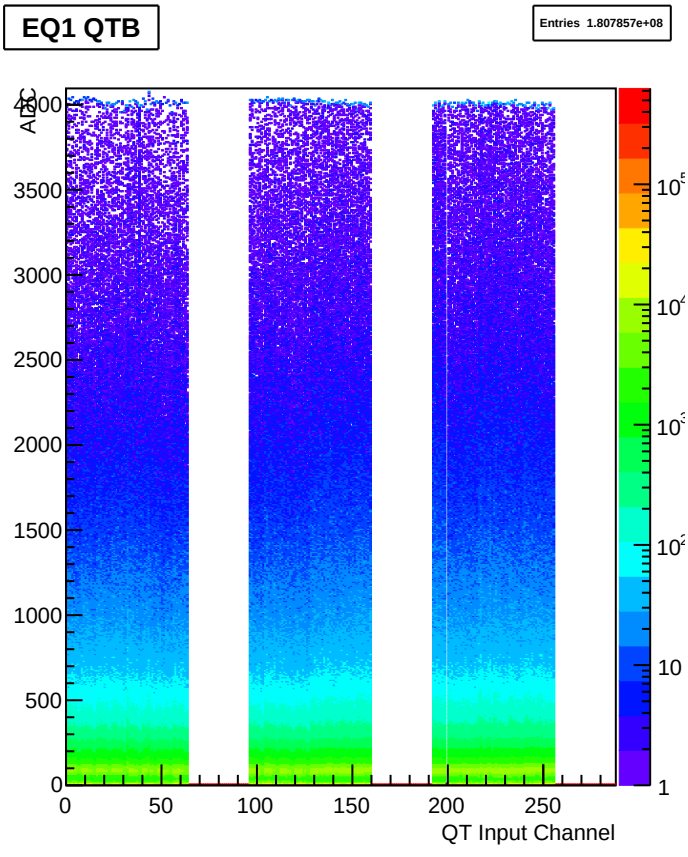

BBQ-ZD001 (ZDC TOWER)
Entries 1.004365e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

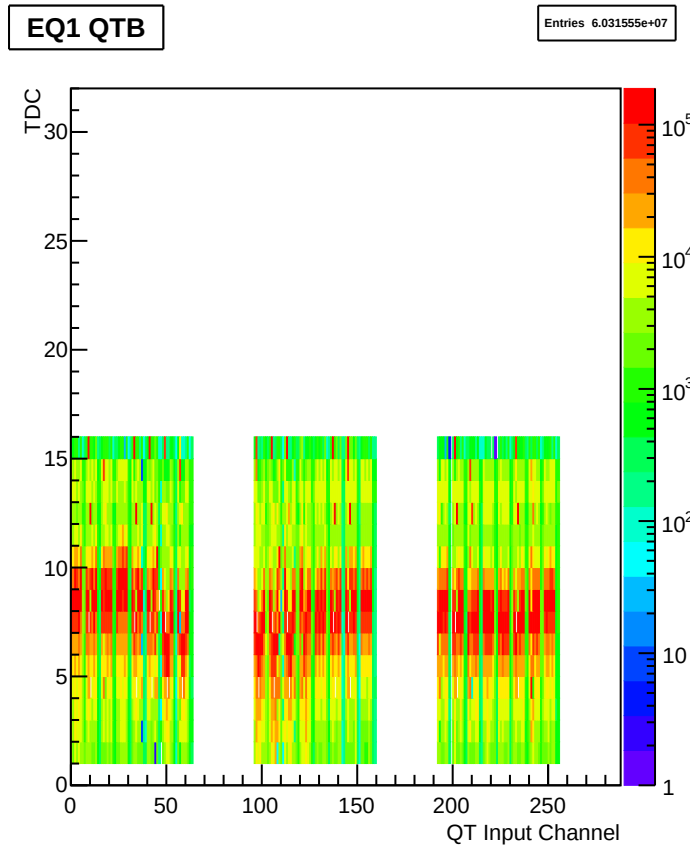

BBQ-VP001 East
Entries 1.004365e+07
ADC
QT Input Channel

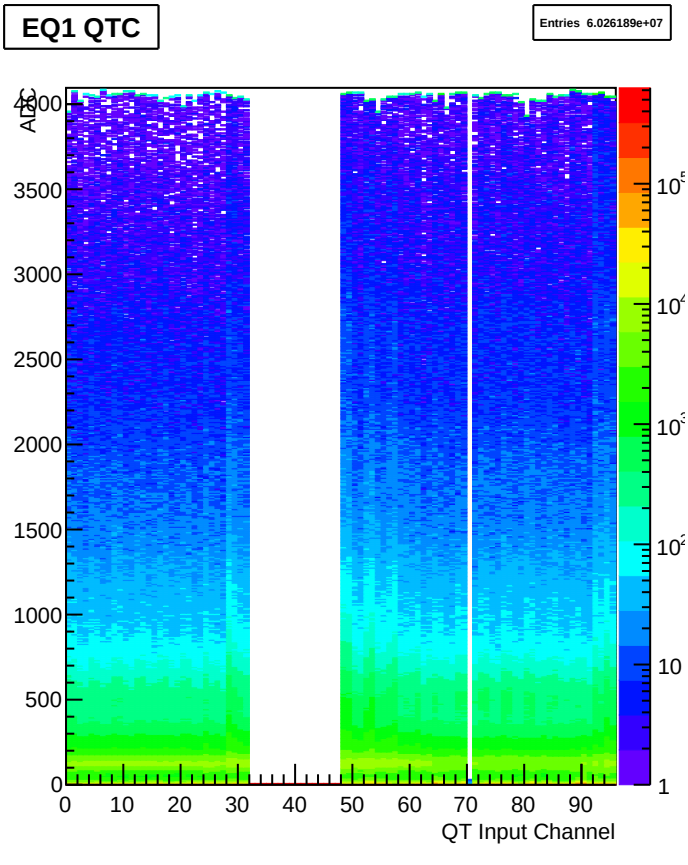

BBQ-VP001 East
Entries 1.004365e+07
TADC
QT Input Channel

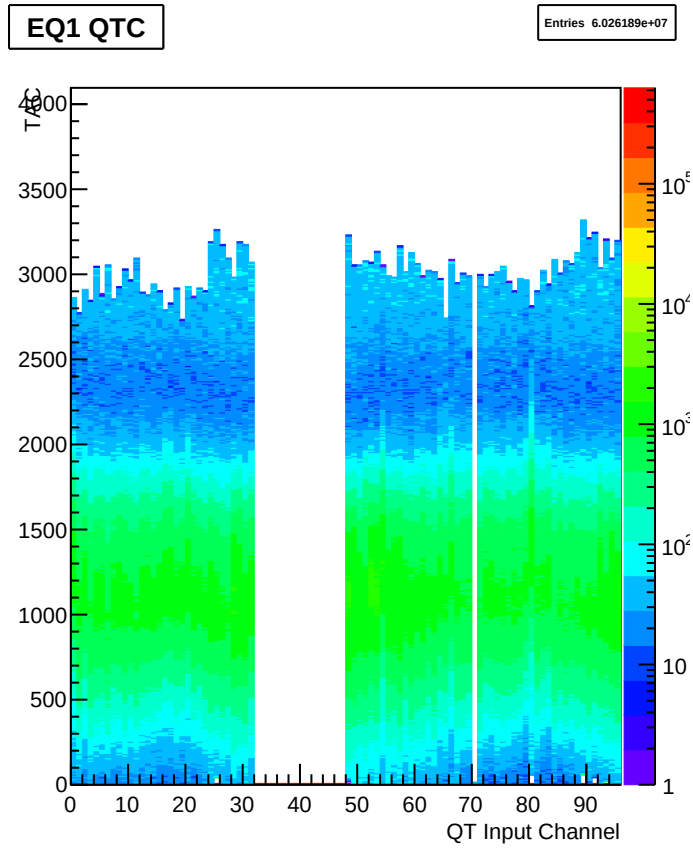

BBQ-VP002 West
Entries 1.004365e+07
ADC
QT Input Channel

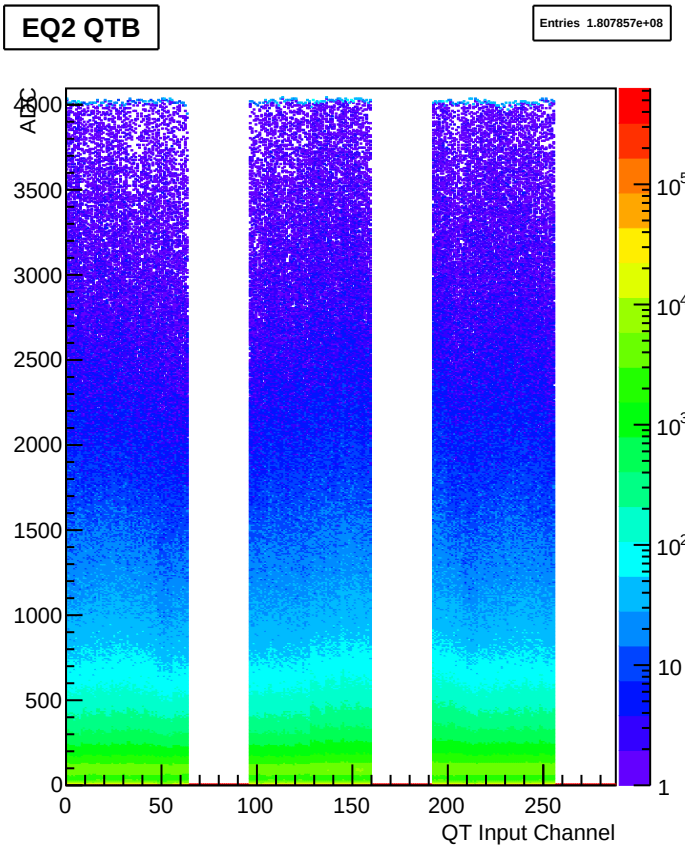

BBQ-VP002 West
Entries 1.004365e+07
TADC
QT Input Channel

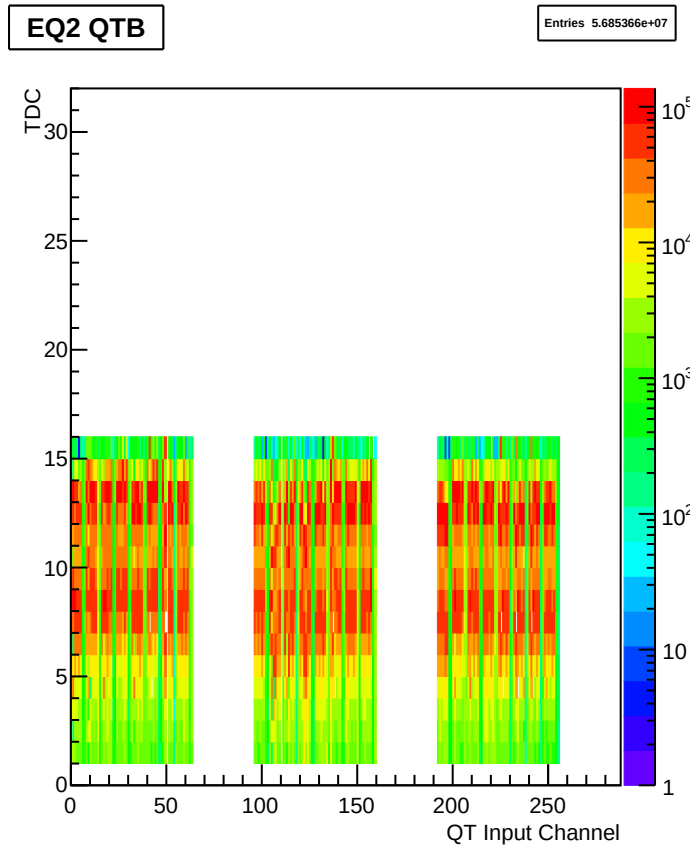

EQ1 QTB
Entries 1.807857e+08
ADC
QT Input Channel

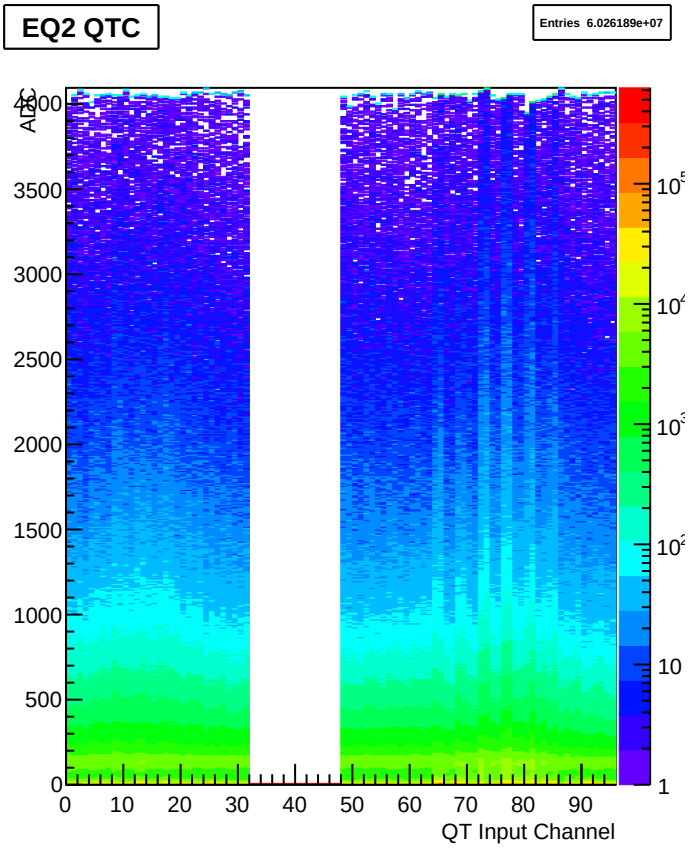

EQ1 QTB
Entries 6.031555e+07
TDC
QT Input Channel

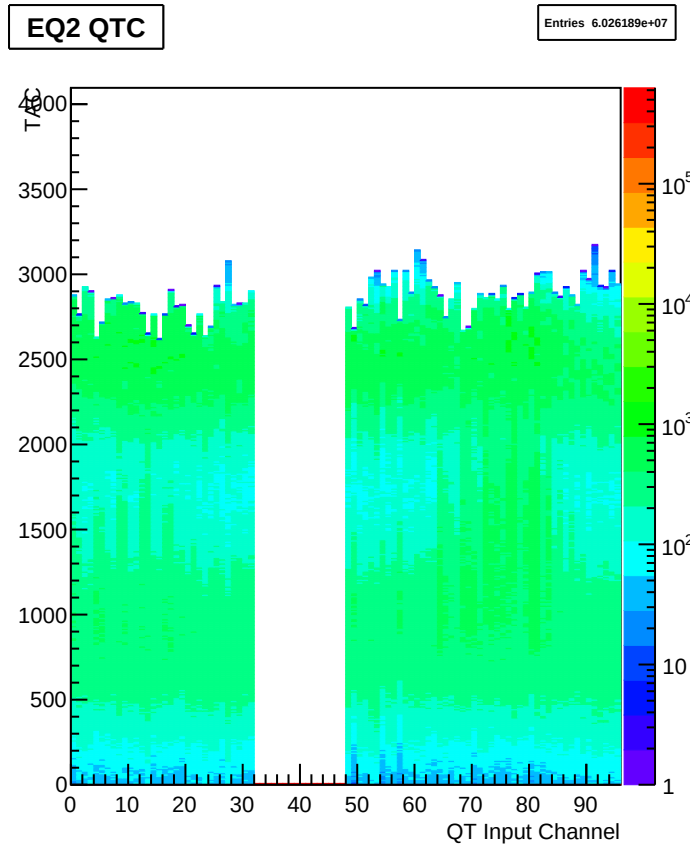

EQ1 QTC
Entries 6.026189e+07
ADC
QT Input Channel

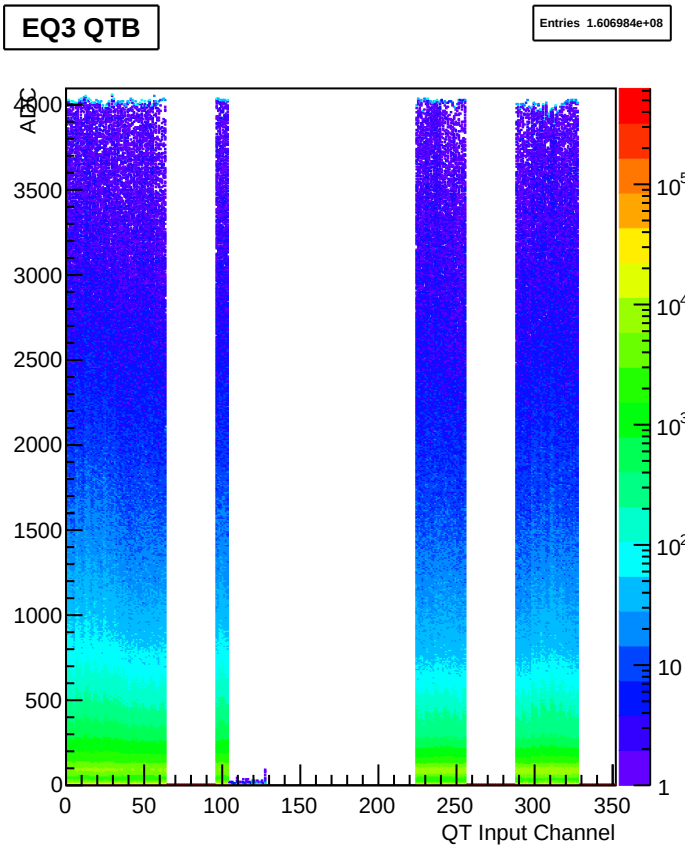

EQ1 QTC
Entries 6.026189e+07
TADC
QT Input Channel

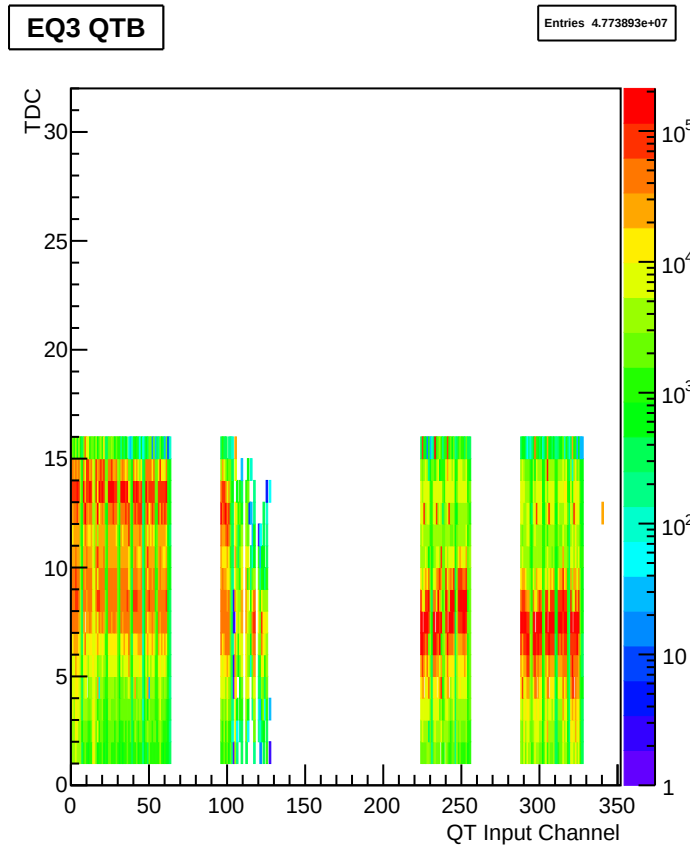

EQ2 QTB
Entries 1.807857e+08
ADC
QT Input Channel

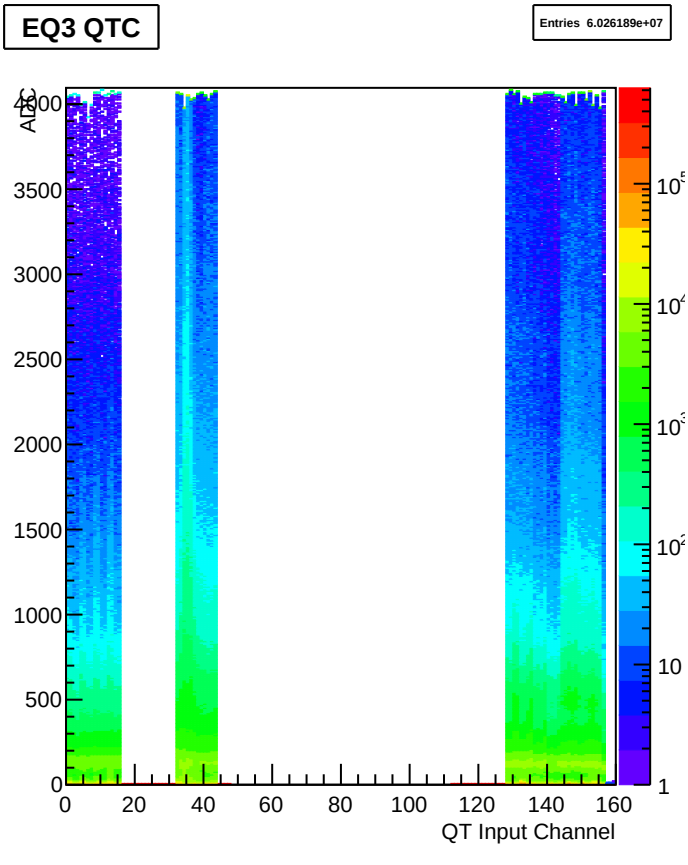

EQ2 QTB
Entries 5.685366e+07
TDC
QT Input Channel

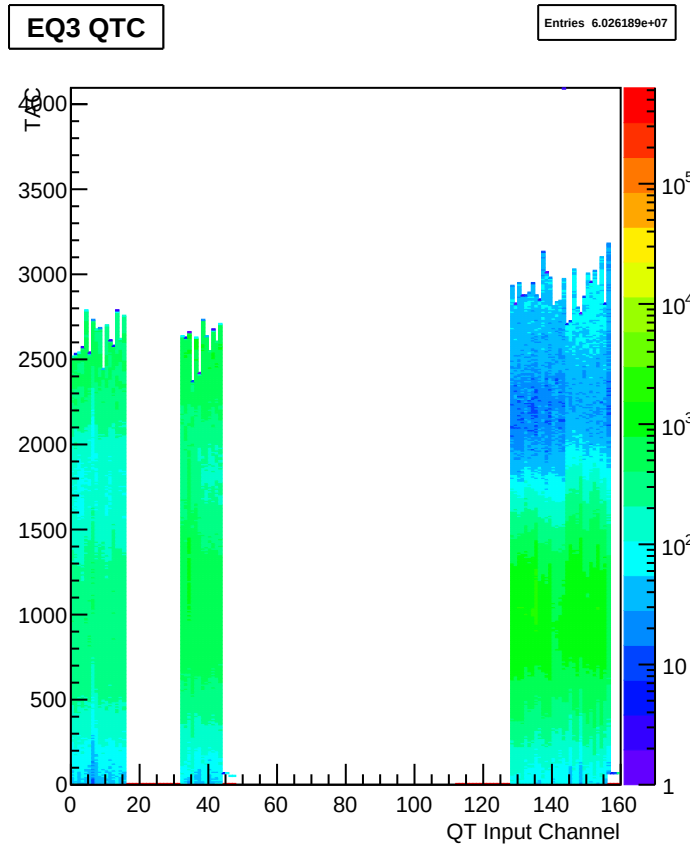

EQ2 QTC
Entries 6.026189e+07
ADC
QT Input Channel

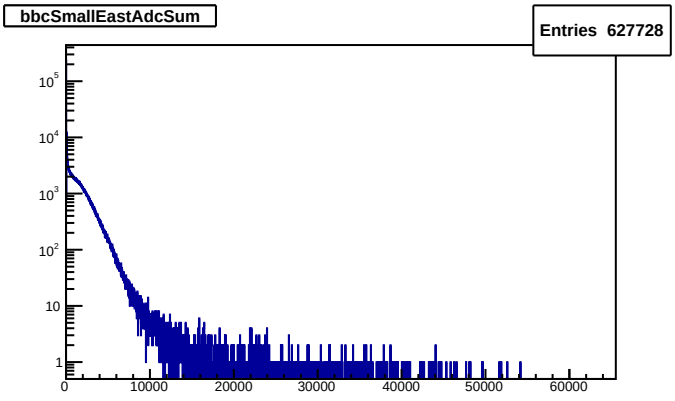

EQ2 QTC
Entries 6.026189e+07
TADC
QT Input Channel

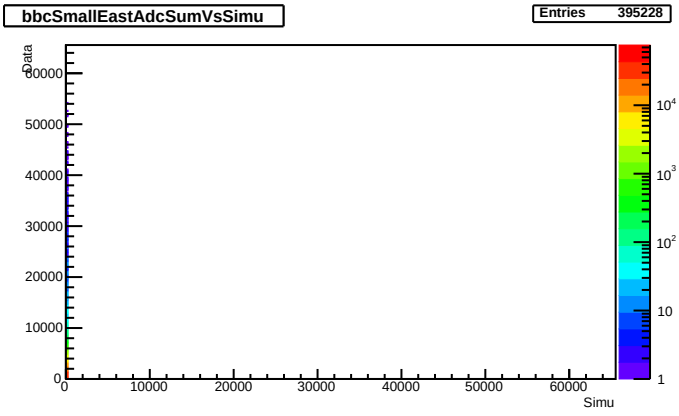

EQ3 QTB
Entries 1.606984e+08
ADC
QT Input Channel

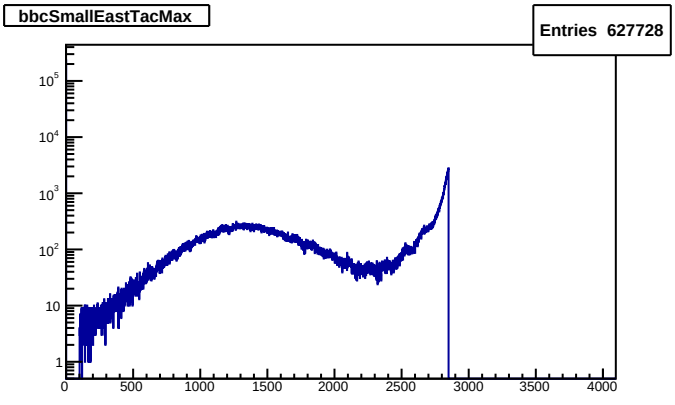

EQ3 QTB
Entries 4.773893e+07
TDC
QT Input Channel

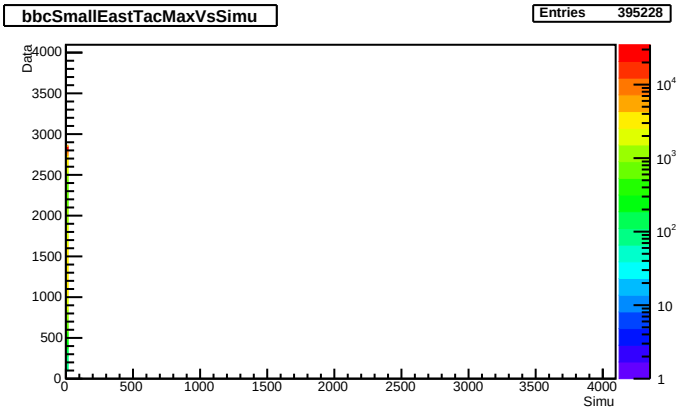

EQ3 QTC
Entries 6.026189e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.026189e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 627728


bbcSmallEastAdcSumVsSimu
Entries 395228
Data
Simu


bbcSmallEastTacMax
Entries 627728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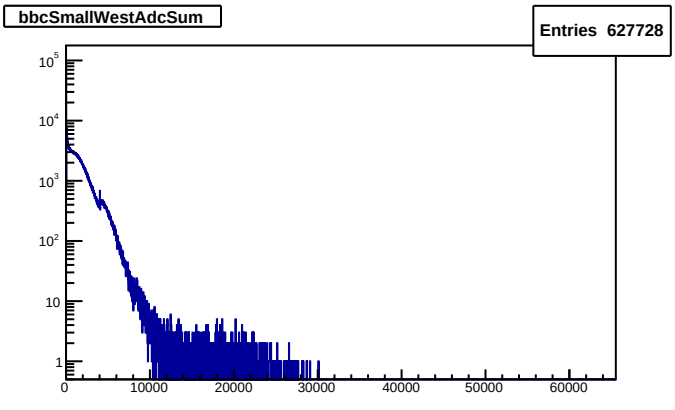
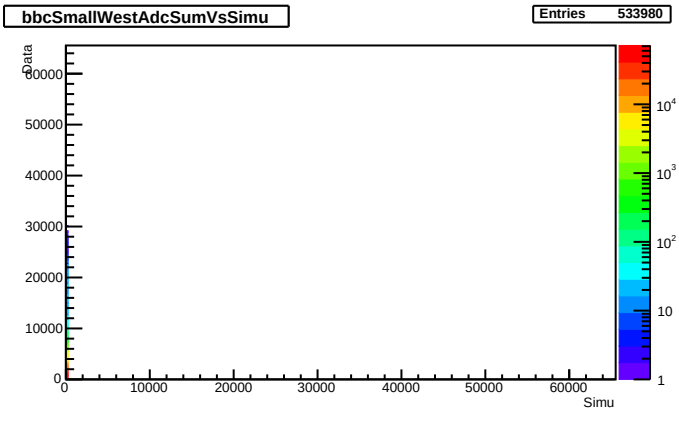
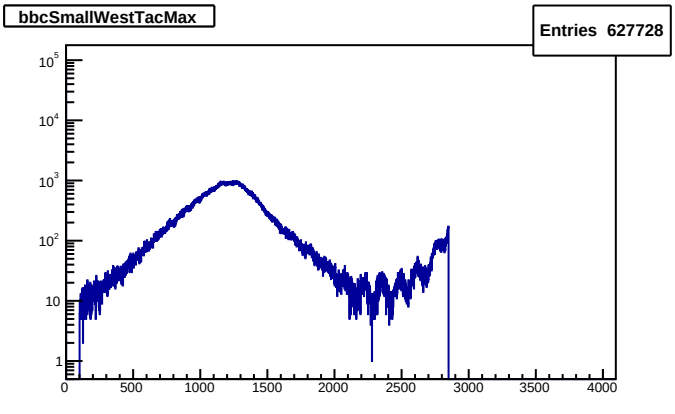
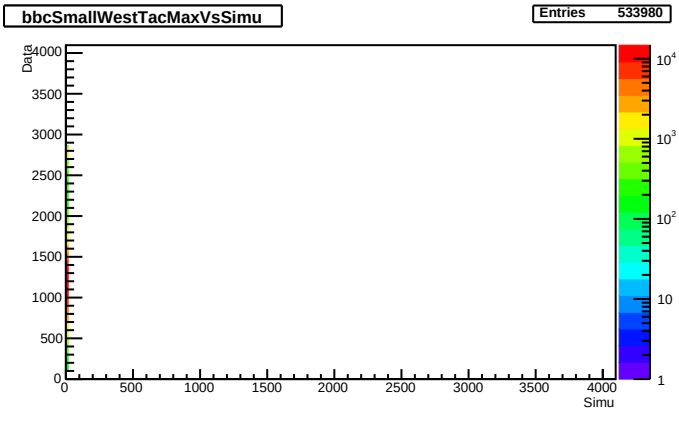
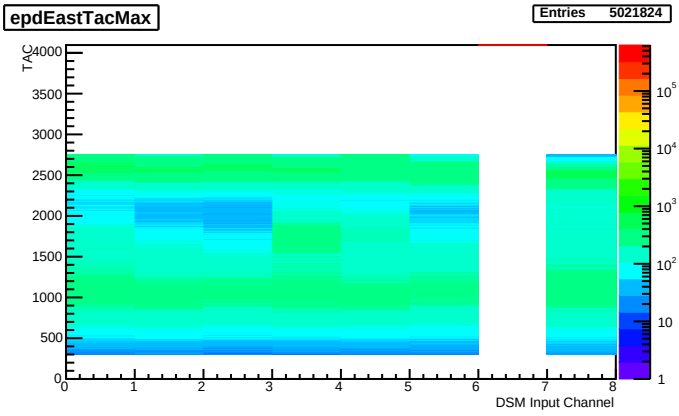
Entries 395228
Data
Simu

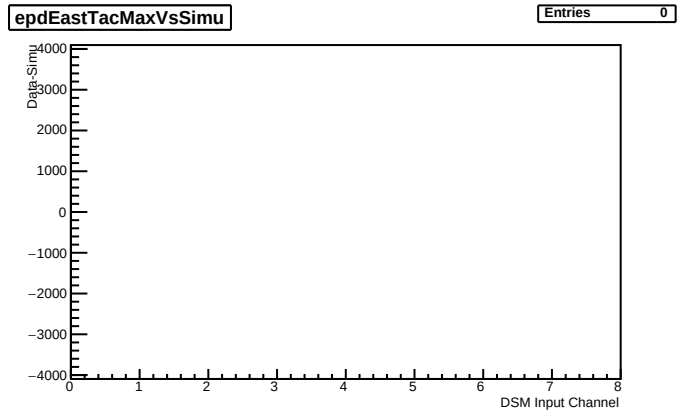

bbcSmallWestAdcSum
Entries 627728

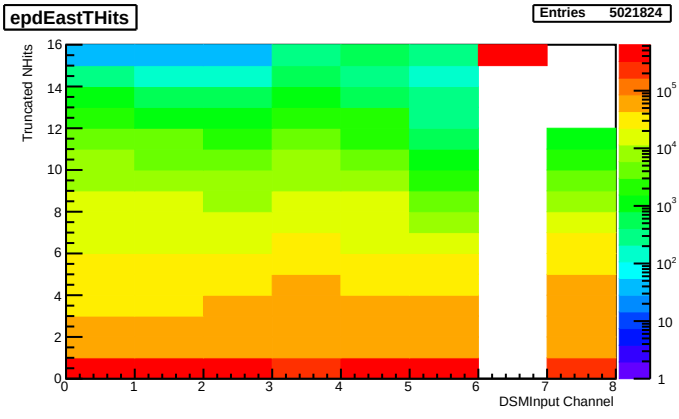

bbcSmallWestAdcSumVsSimu
Entries 533980
Data
Simu

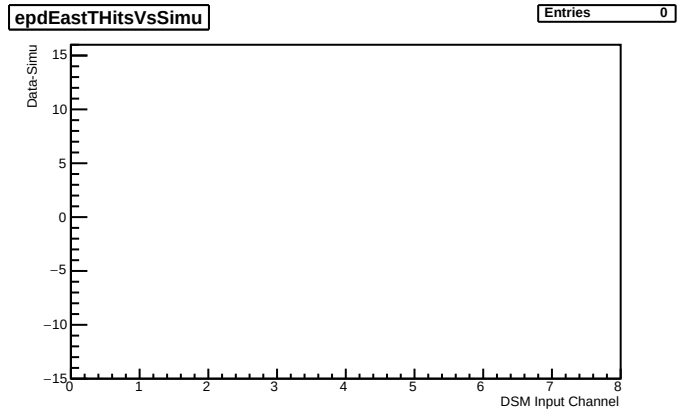

bbcSmallWestTacMax
Entries 627728


bbcSmallWestTacMaxVsSimu
Entries 533980
Data
Simu


epdEastTacMax
Entries 5021824
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5021824
Truncated NHits
DSMInput Channel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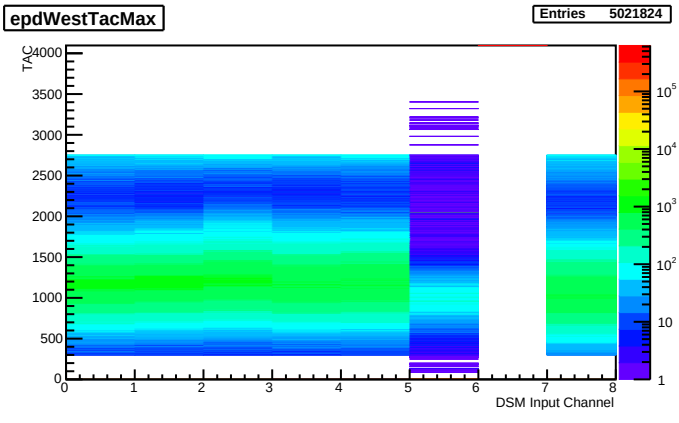
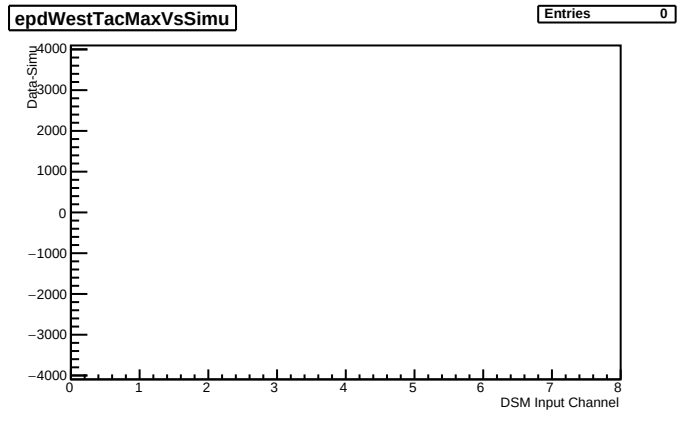
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 5021824
TAC
DSM Input Channel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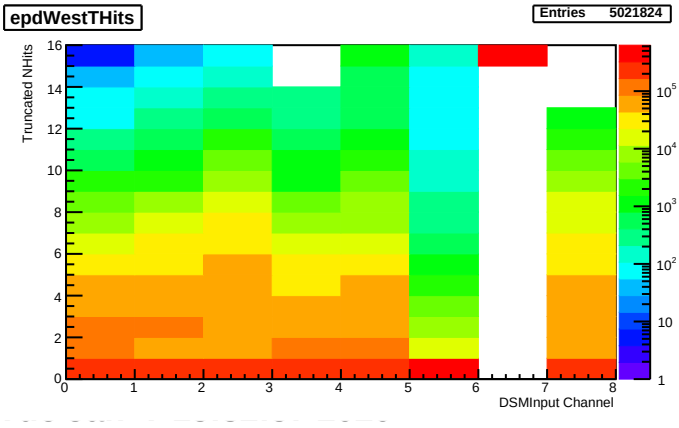
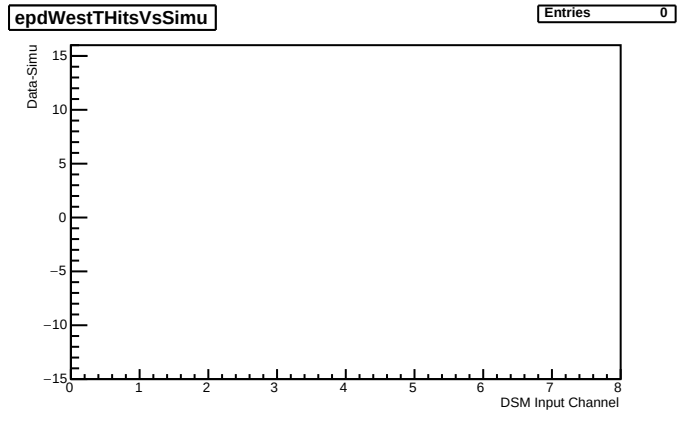
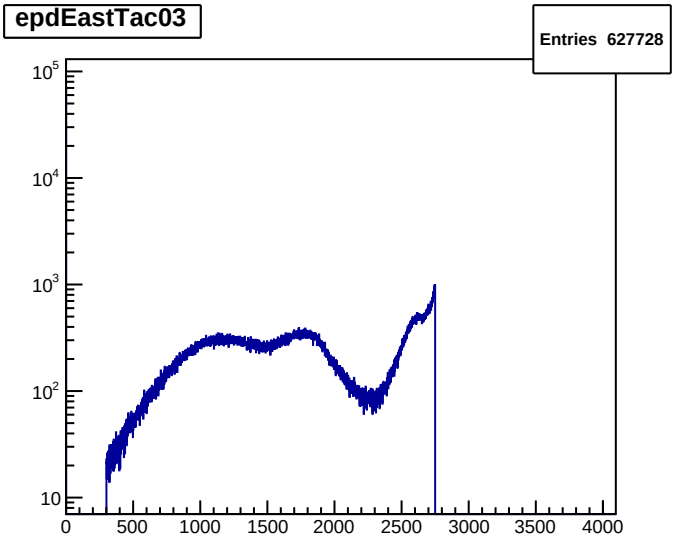
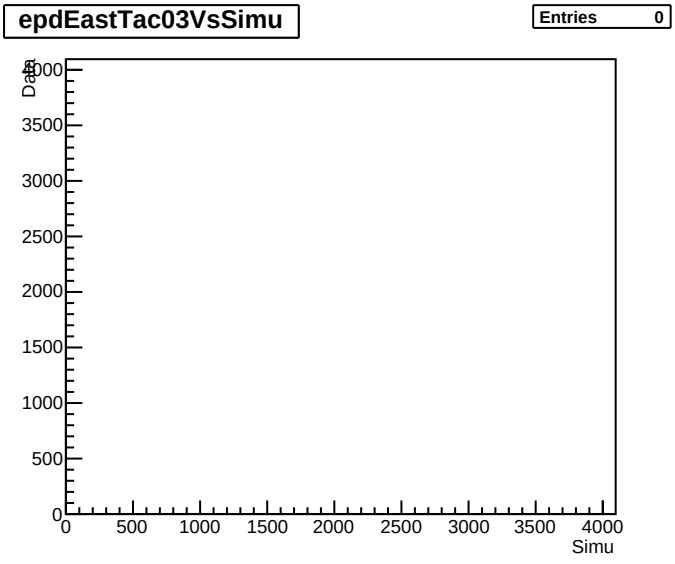
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5021824
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 627728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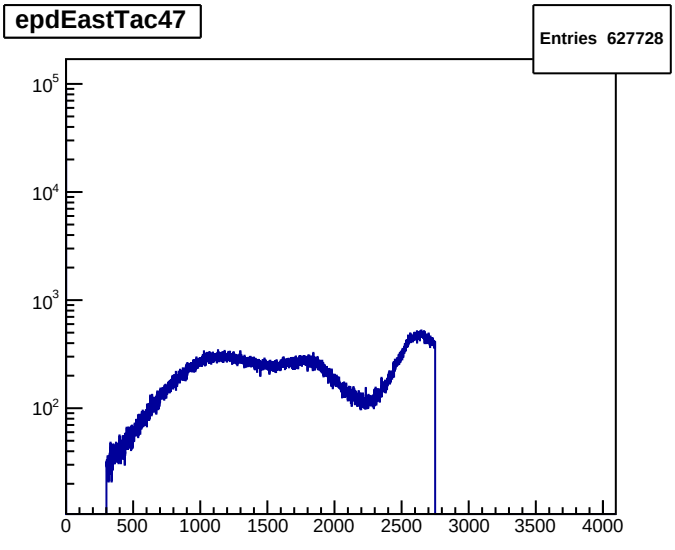
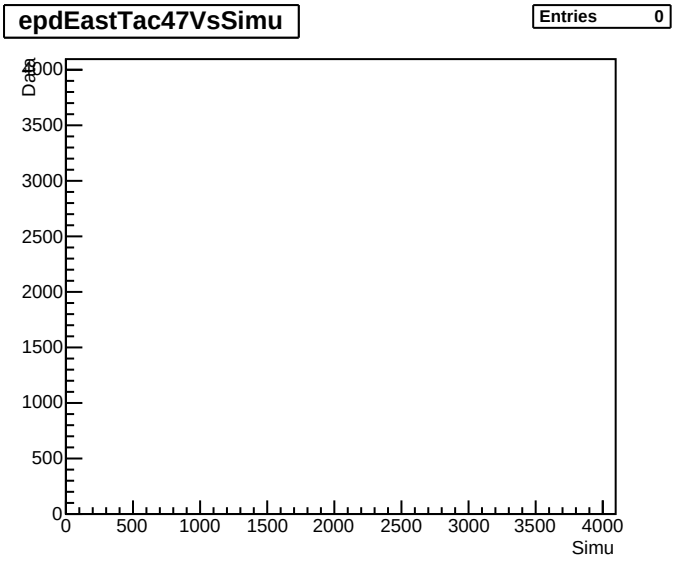
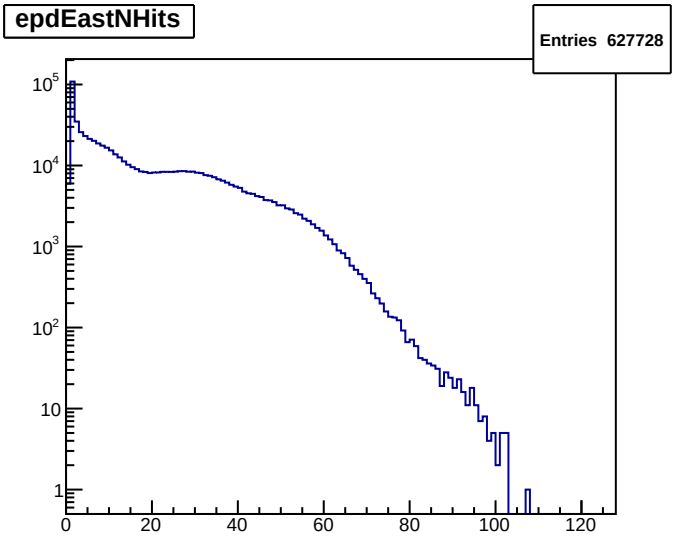
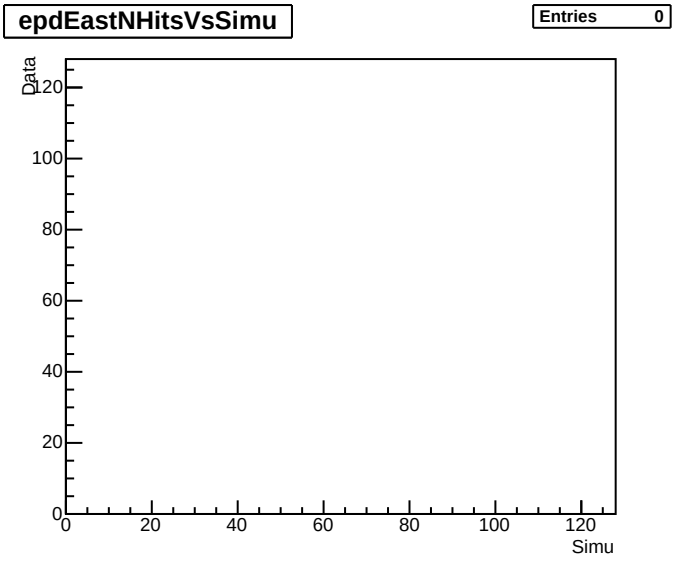
Entries 0
Data
Simu


epdEastTac47
Entries 627728


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 627728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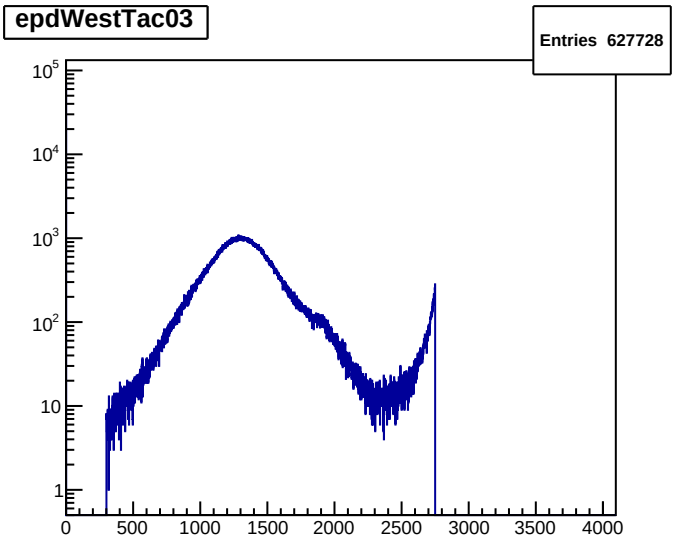
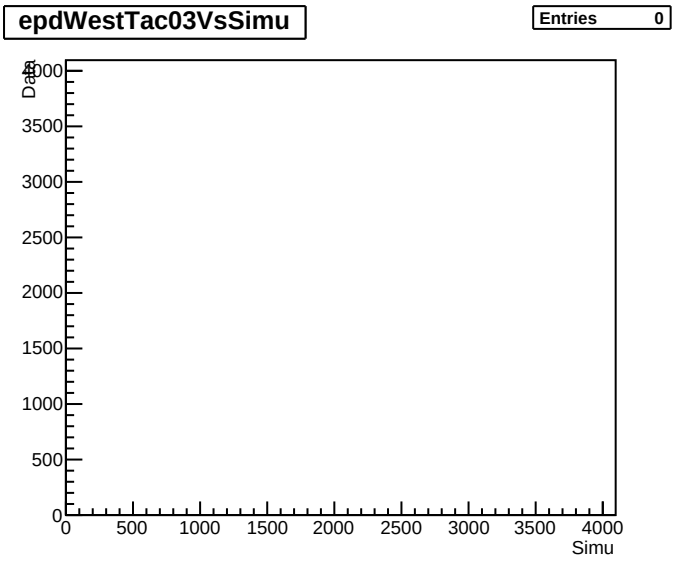
Entries 0
Data
Simu


epdWestTac03
Entries 627728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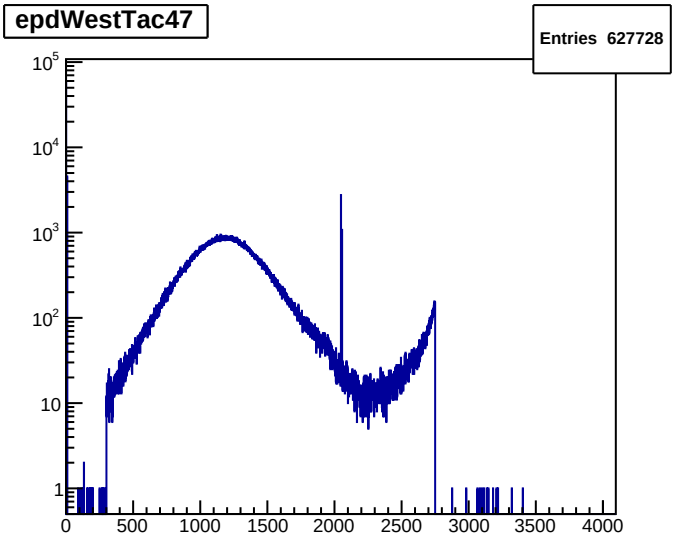
Entries 0
Data
Simu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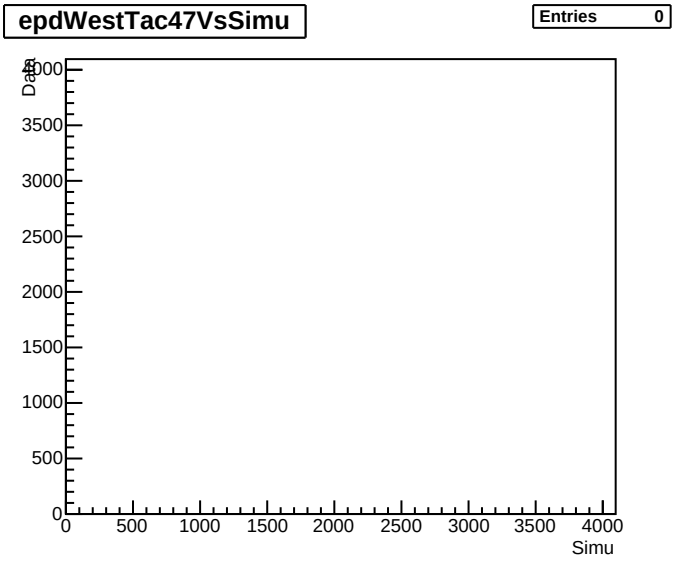
Entries 627728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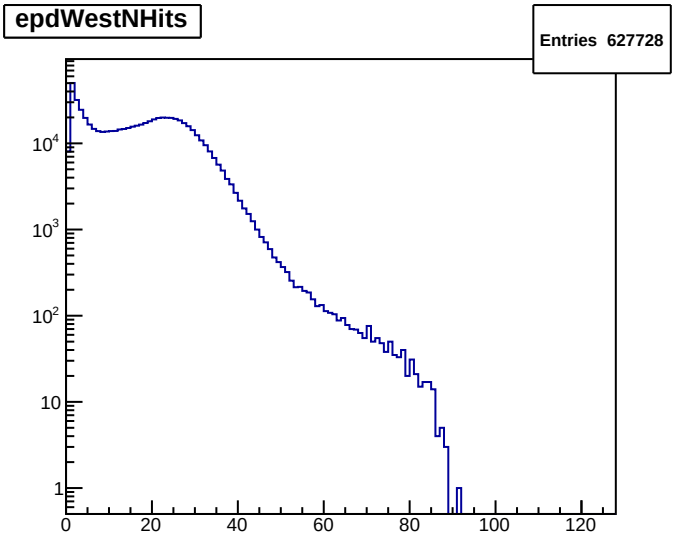
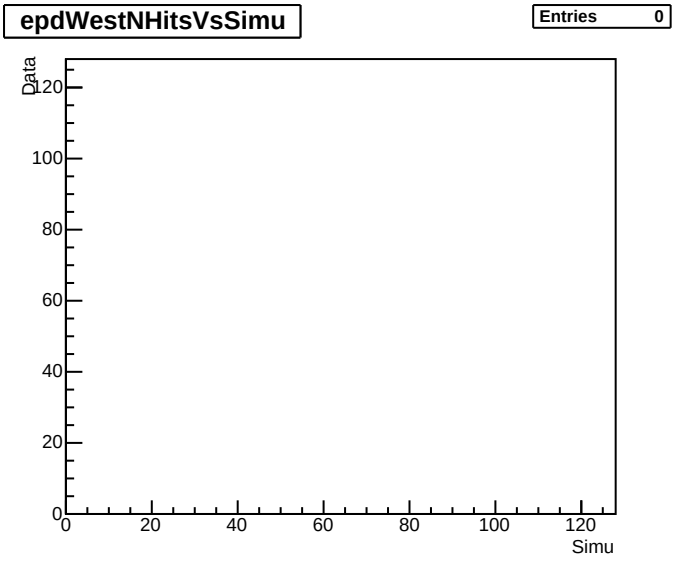
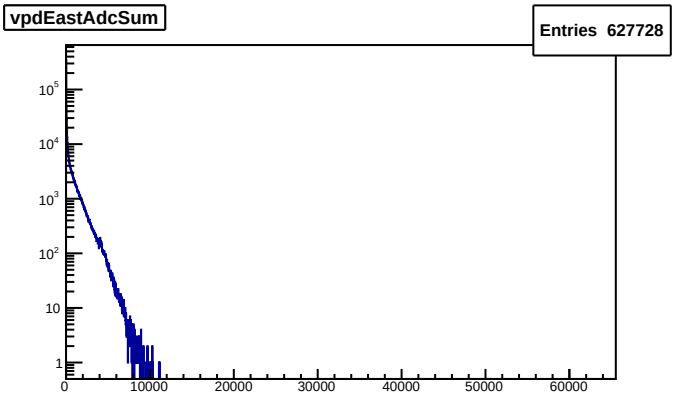
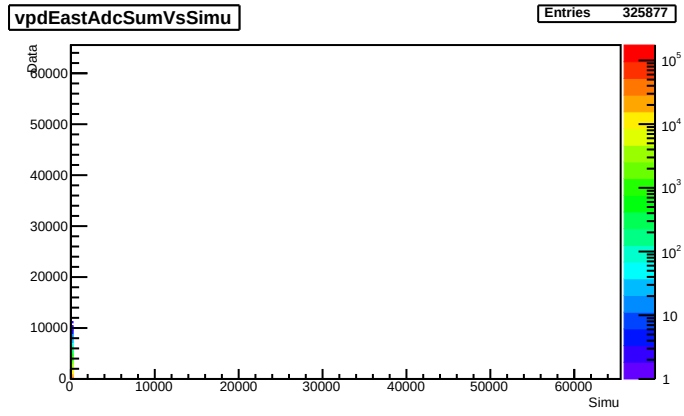
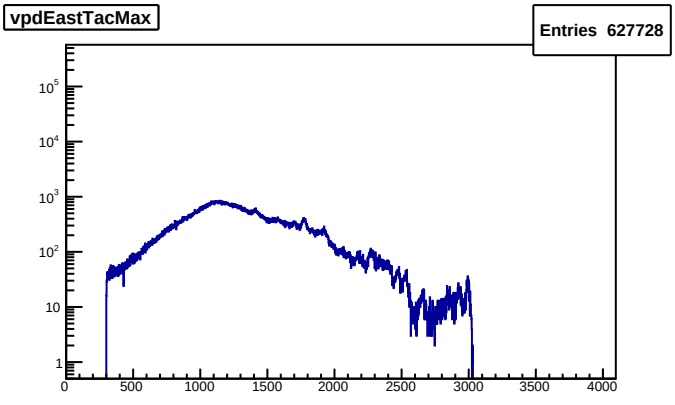
Entries 0
Data
Simu

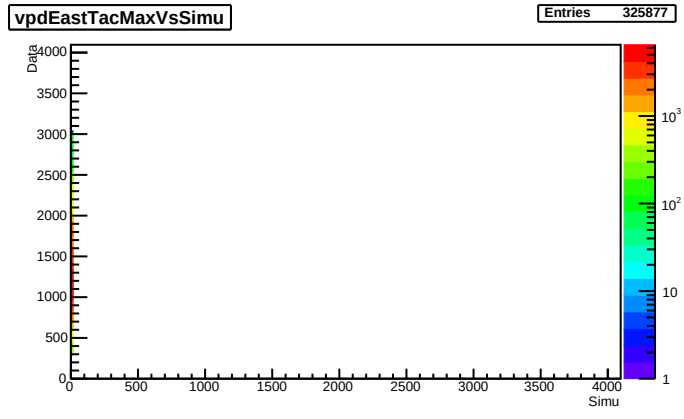

epdWestNHits
Entries 627728


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 627728


vpdEastAdcSumVsSimu
Entries 325877
Data
Simu


vpdEastTacMax
Entries 627728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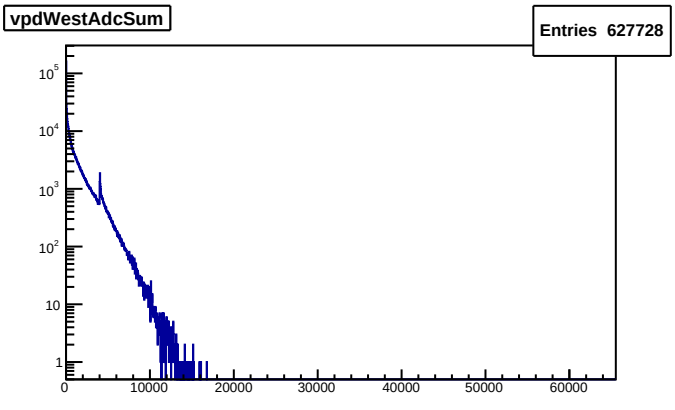
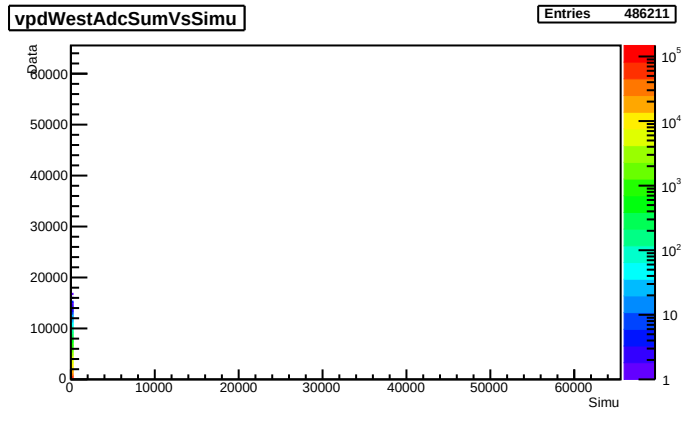
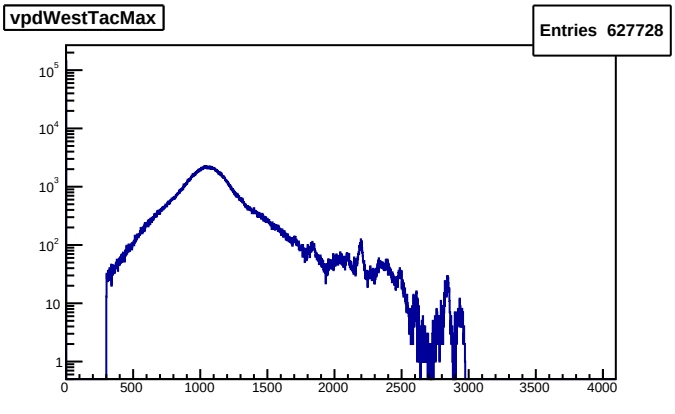
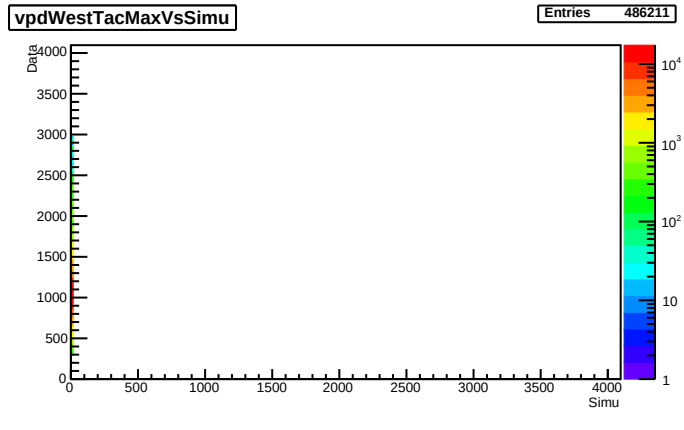
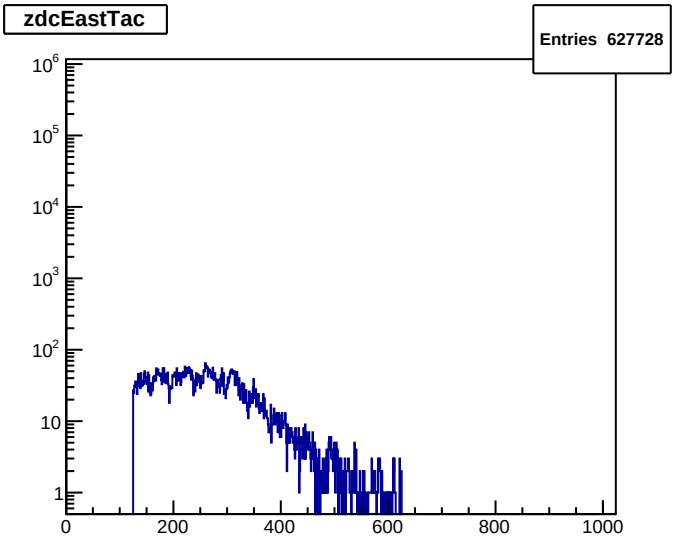
Entries 325877
Data
Simu

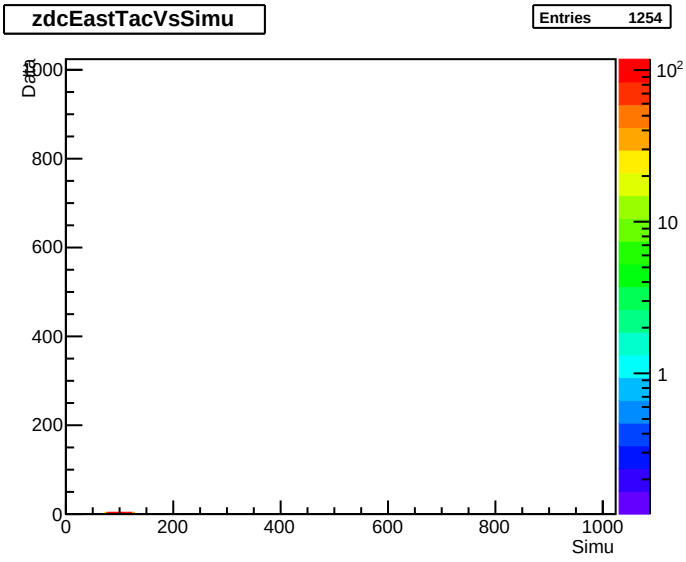

vpdWestAdcSum
Entries 627728

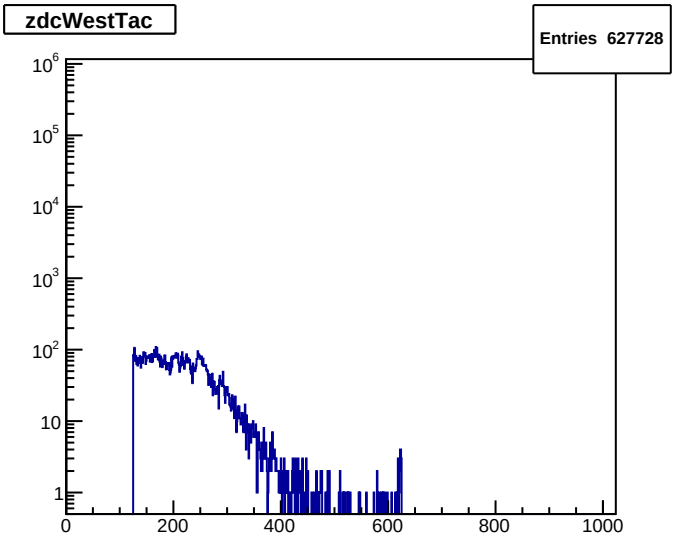

vpdWestAdcSumVsSimu
Entries 486211
Data
Simu

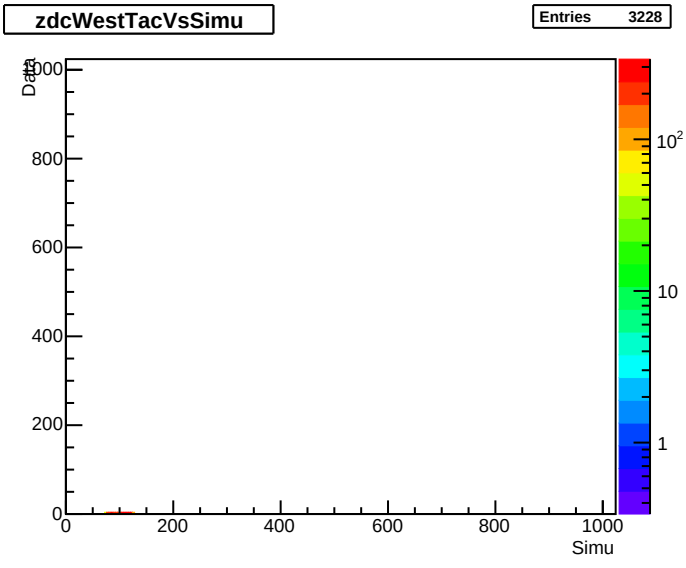

vpdWestTacMax
Entries 627728

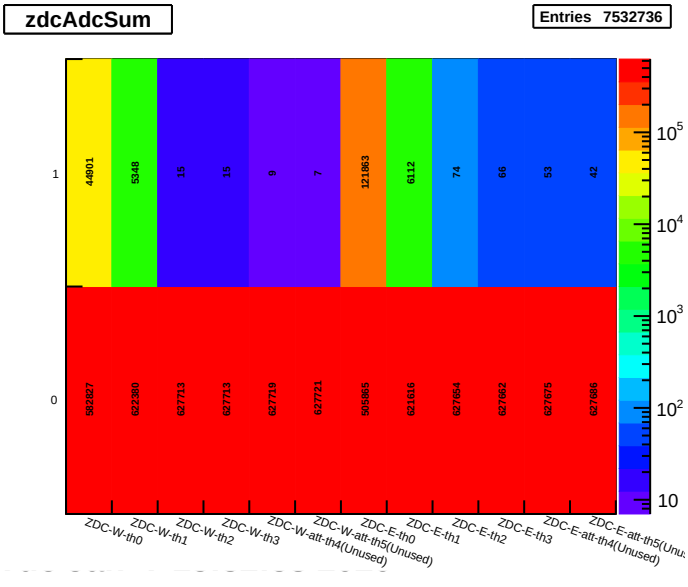

vpdWestTacMaxVsSimu
Entries 486211
Data
Simu

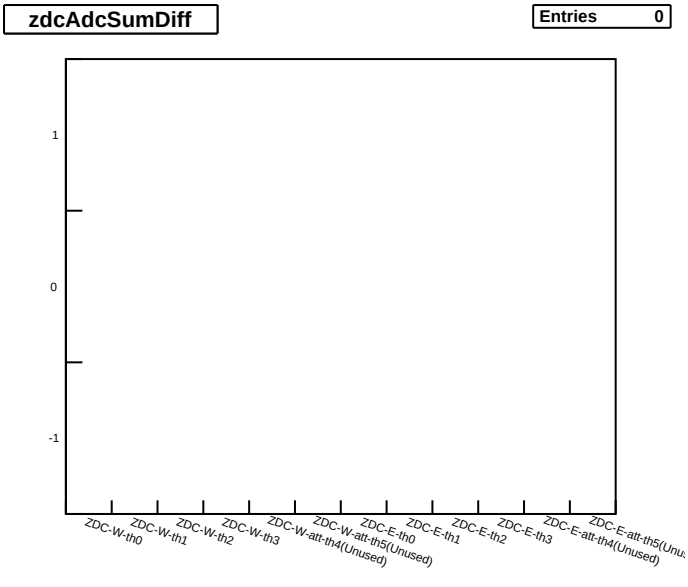

zdcEastTac
Entries 627728

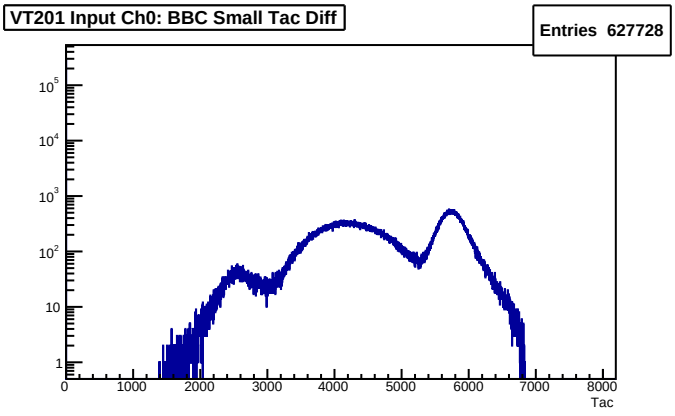

zdcEastTacVsSimu
Entries 1254
Data
Simu

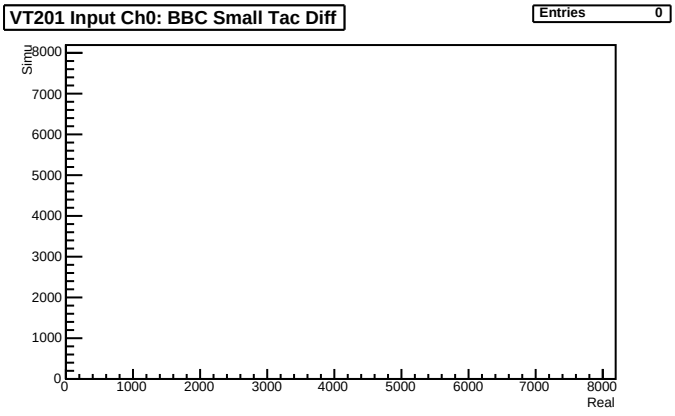

zdcWestTac
Entries 627728

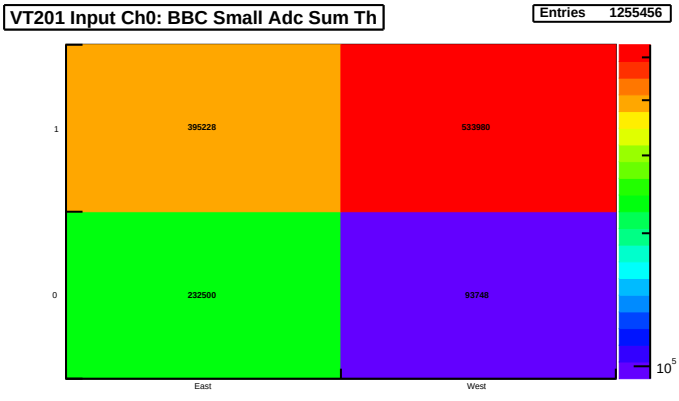

zdcWestTacVsSimu
Entries 3228
Data
Simu

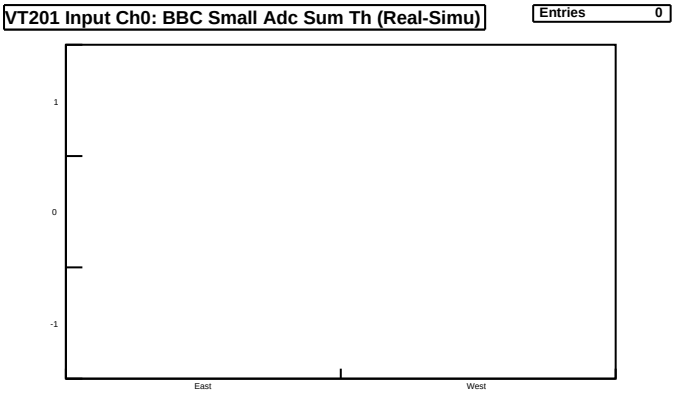

zdcAdcSum
Entries 7532736
44901
5348
15
15
9
7
121863
6112
74
66
53
42
582827
622380
627713
627713
627719
627721
505865
621616
627654
627662
627675
627686
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

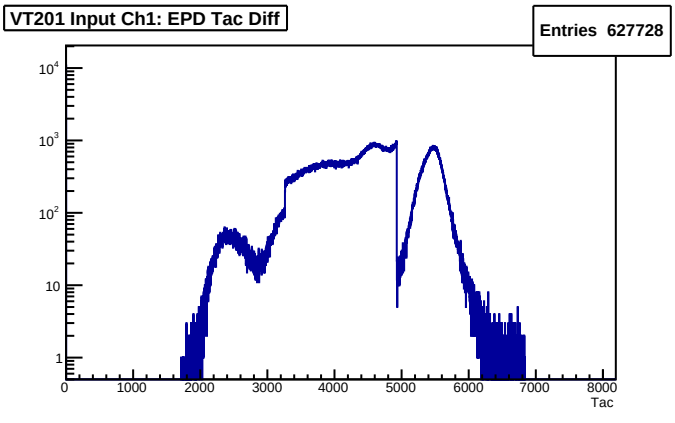

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

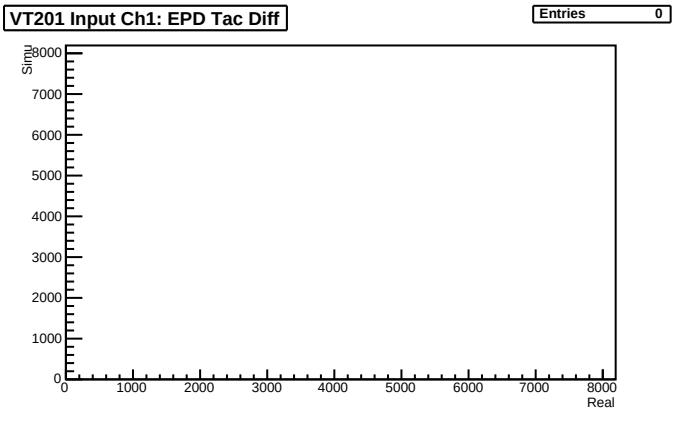

VT201 Input Ch0: BBC Small Tac Diff
Entries 627728
Tac

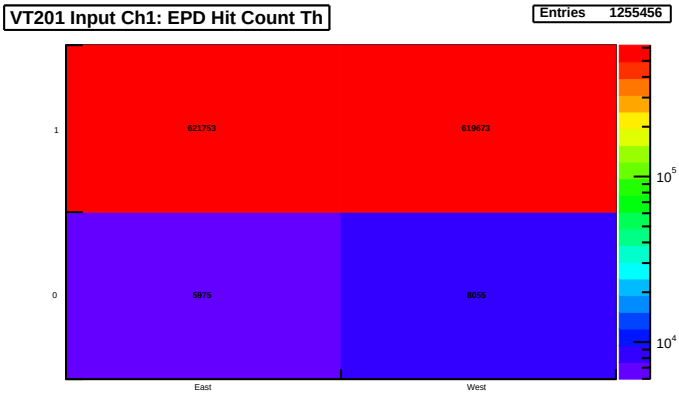

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

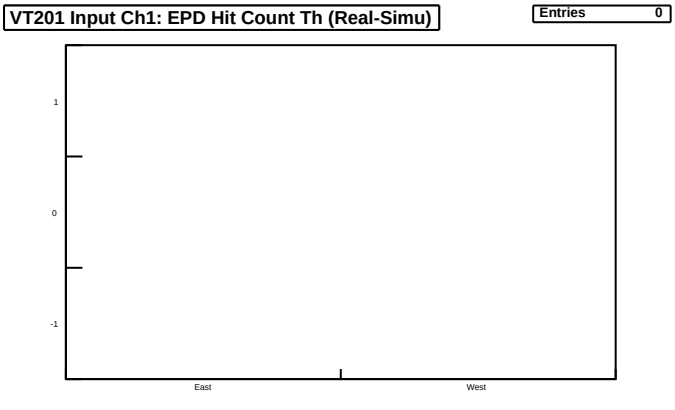

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1255456
395228
533980
232500
93748
East
West

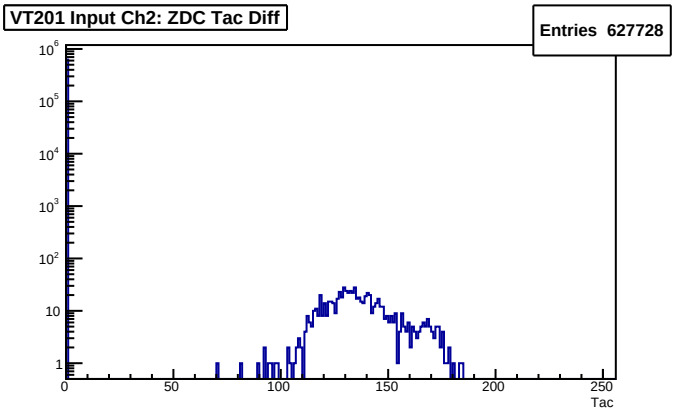

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

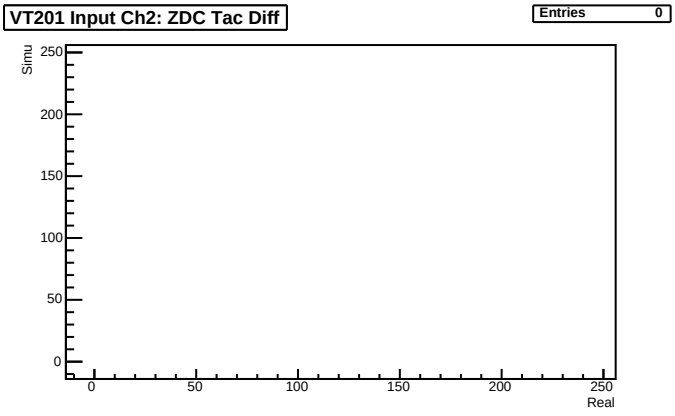

VT201 Input Ch1: EPD Tac Diff
Entries 627728
Tac

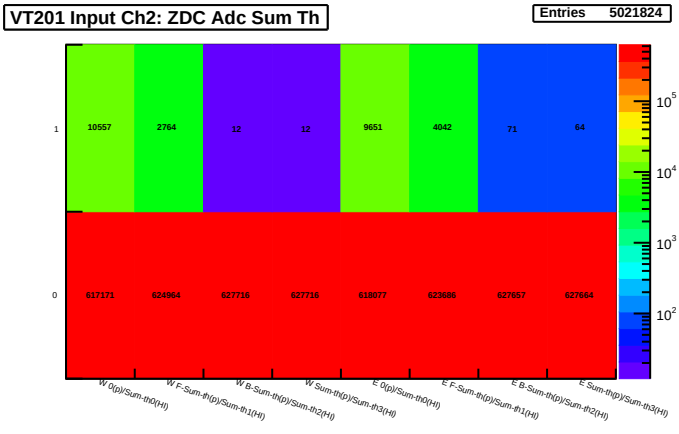

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

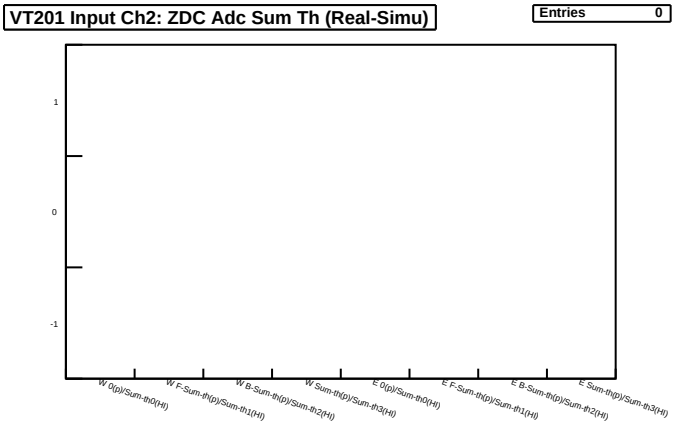

VT201 Input Ch1: EPD Hit Count Th
Entries 1255456
621753
619673
5975
8055
East
West

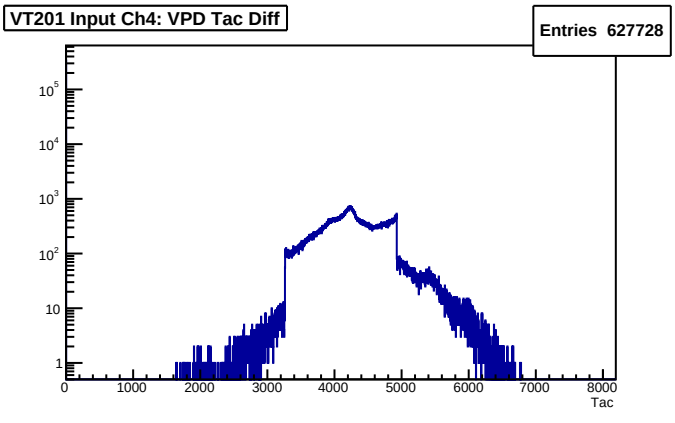

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

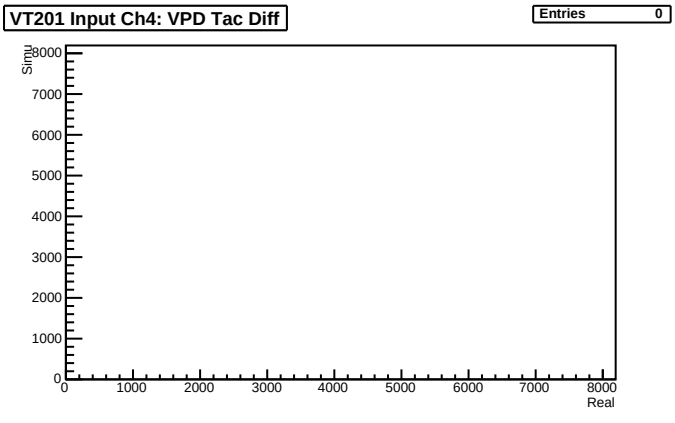

VT201 Input Ch2: ZDC Tac Diff
Entries 627728
Tac

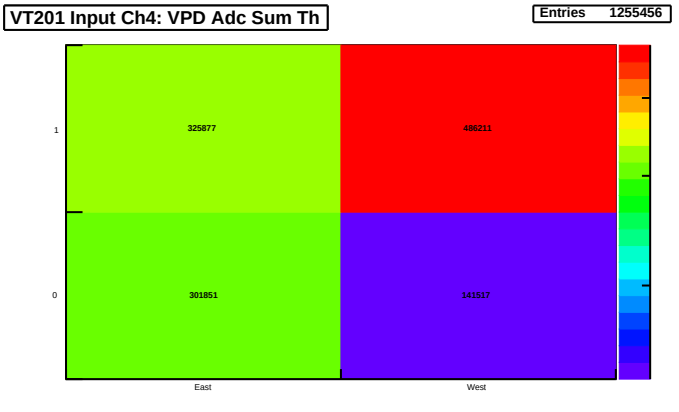

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

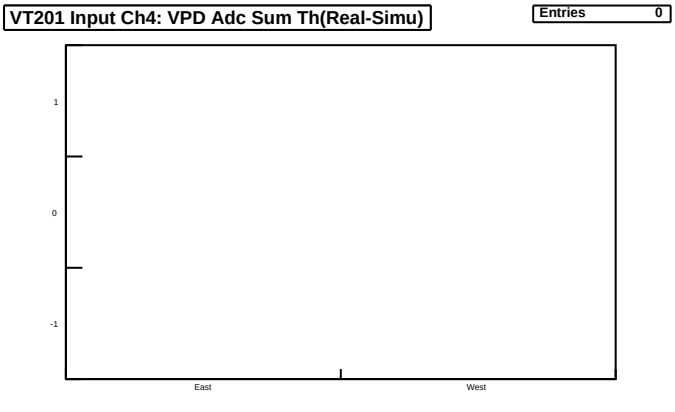

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5021824
10557
2764
12
12
9651
4042
71
64
617171
624964
627716
627716
618077
623686
627657
627664
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

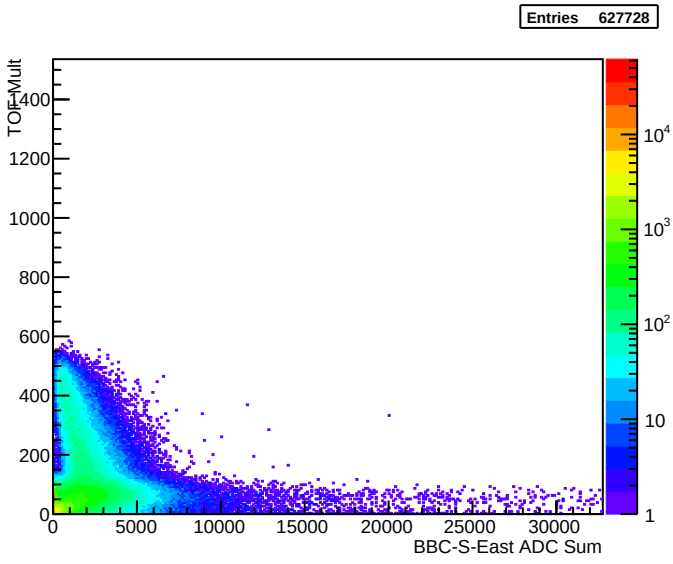

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

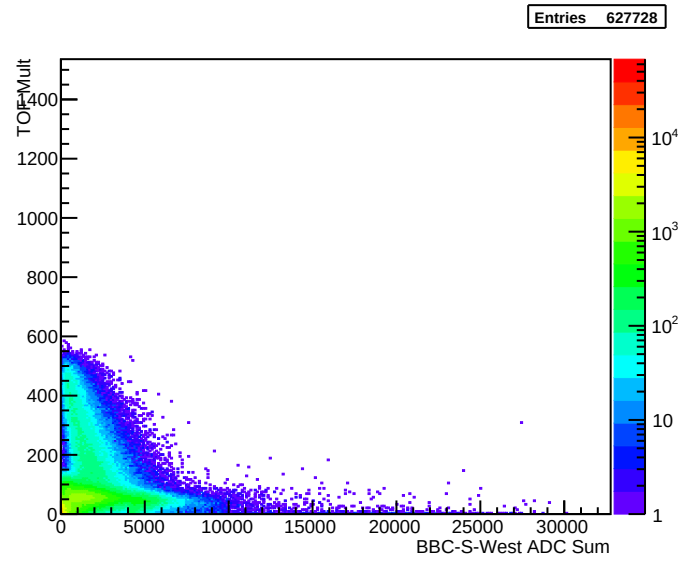

VT201 Input Ch4: VPD Tac Diff
Entries 627728
Tac

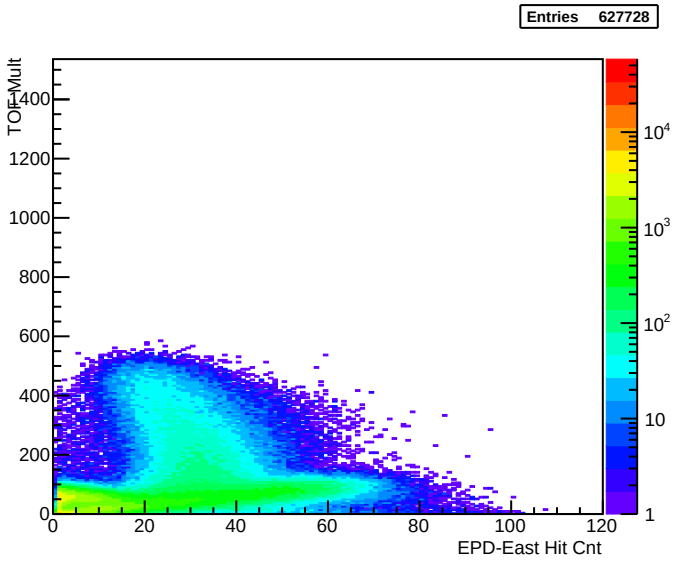

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

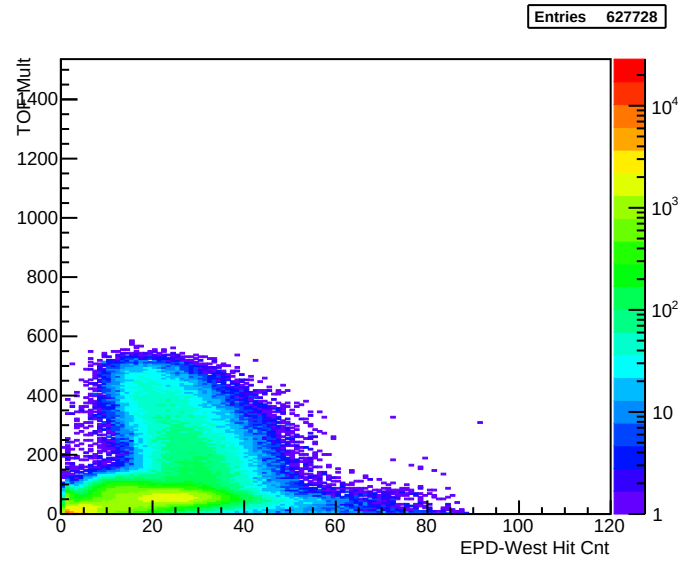

VT201 Input Ch4: VPD Adc Sum Th
Entries 1255456
325877
486211
301851
141517
East
West

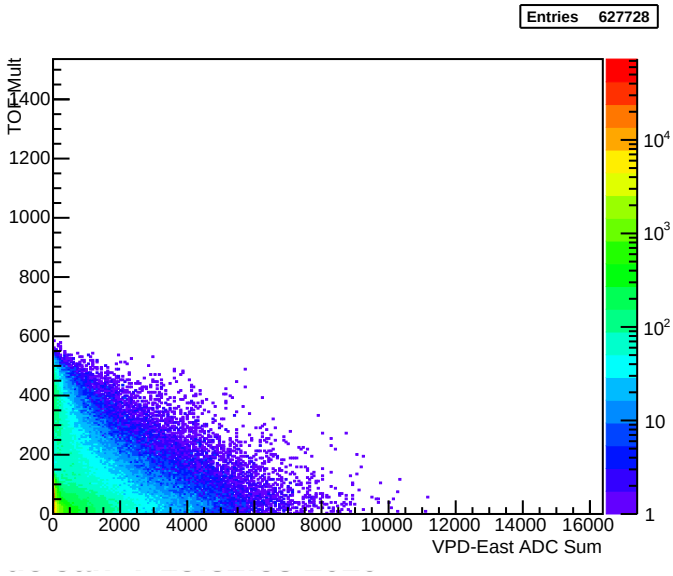

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

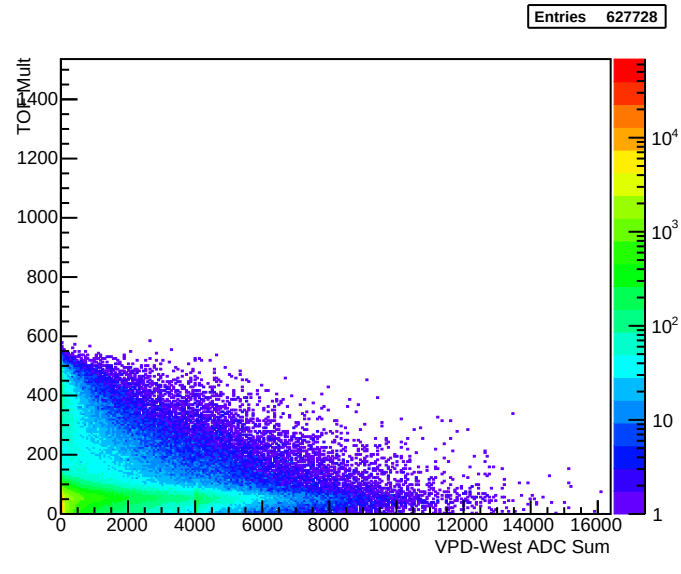

Entries 627728
TOF-Mult
BBC-S-East ADC Sum

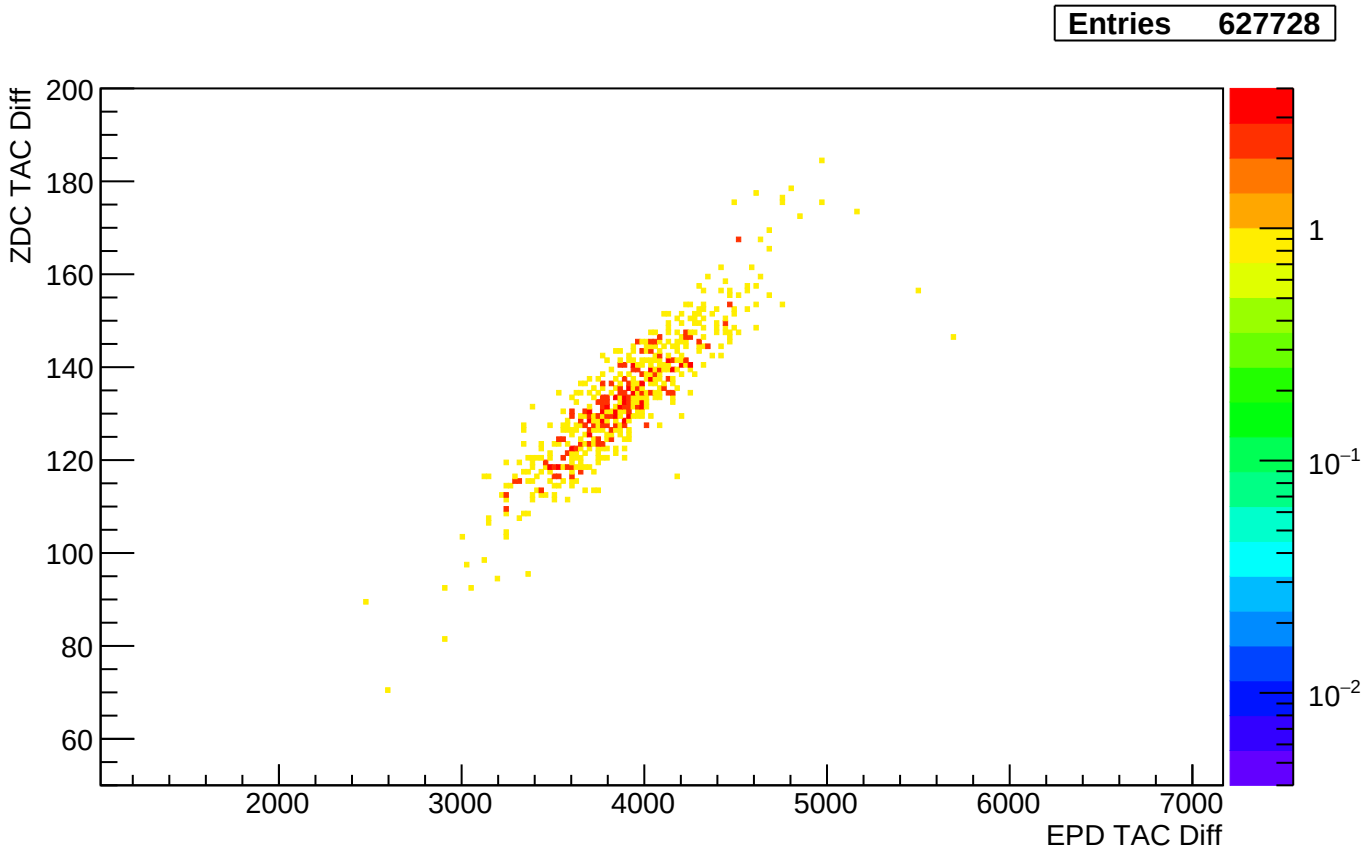

Entries 627728
TOF-Mult
BBC-S-West ADC Sum

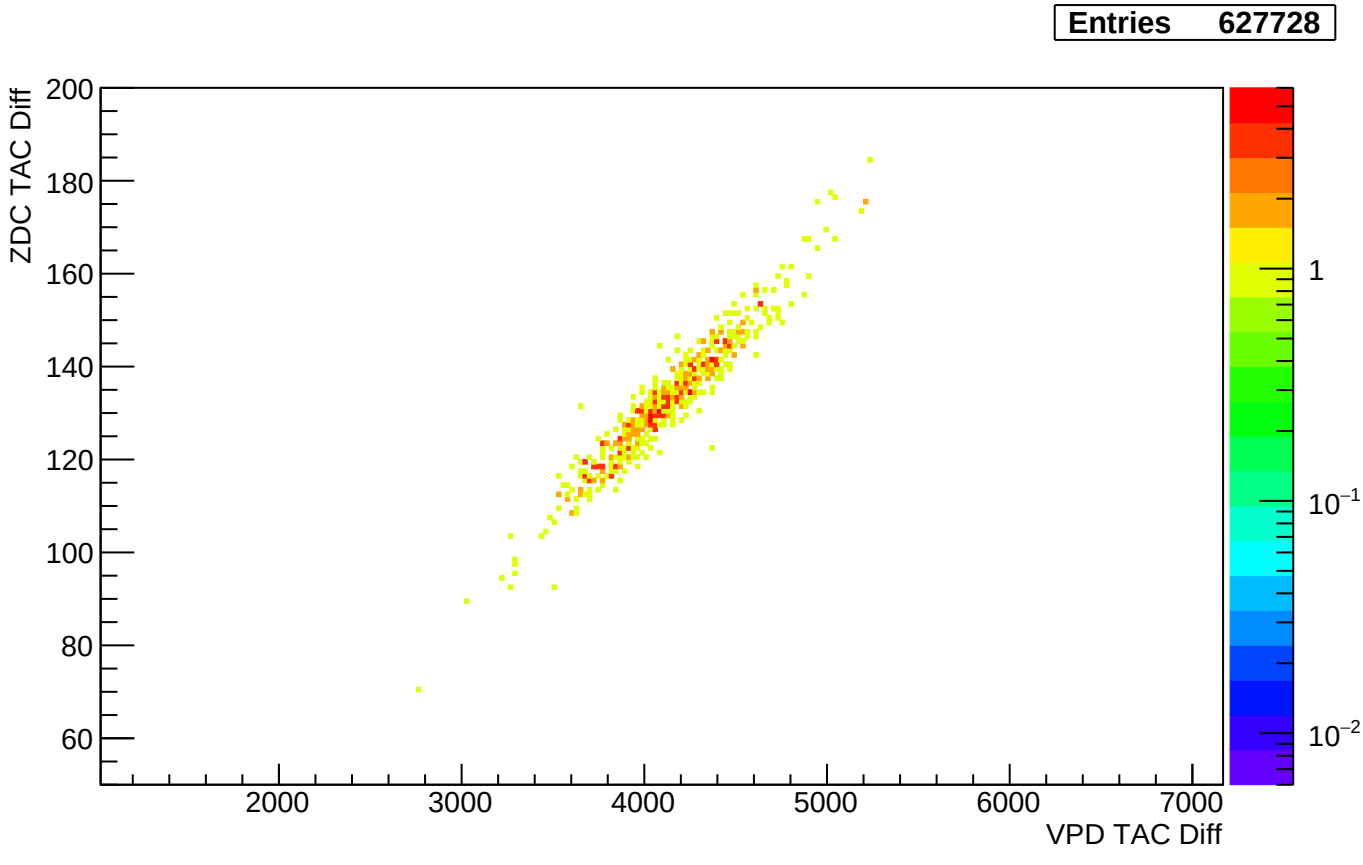

Entries 627728
TOF-Mult
EPD-East Hit Cnt

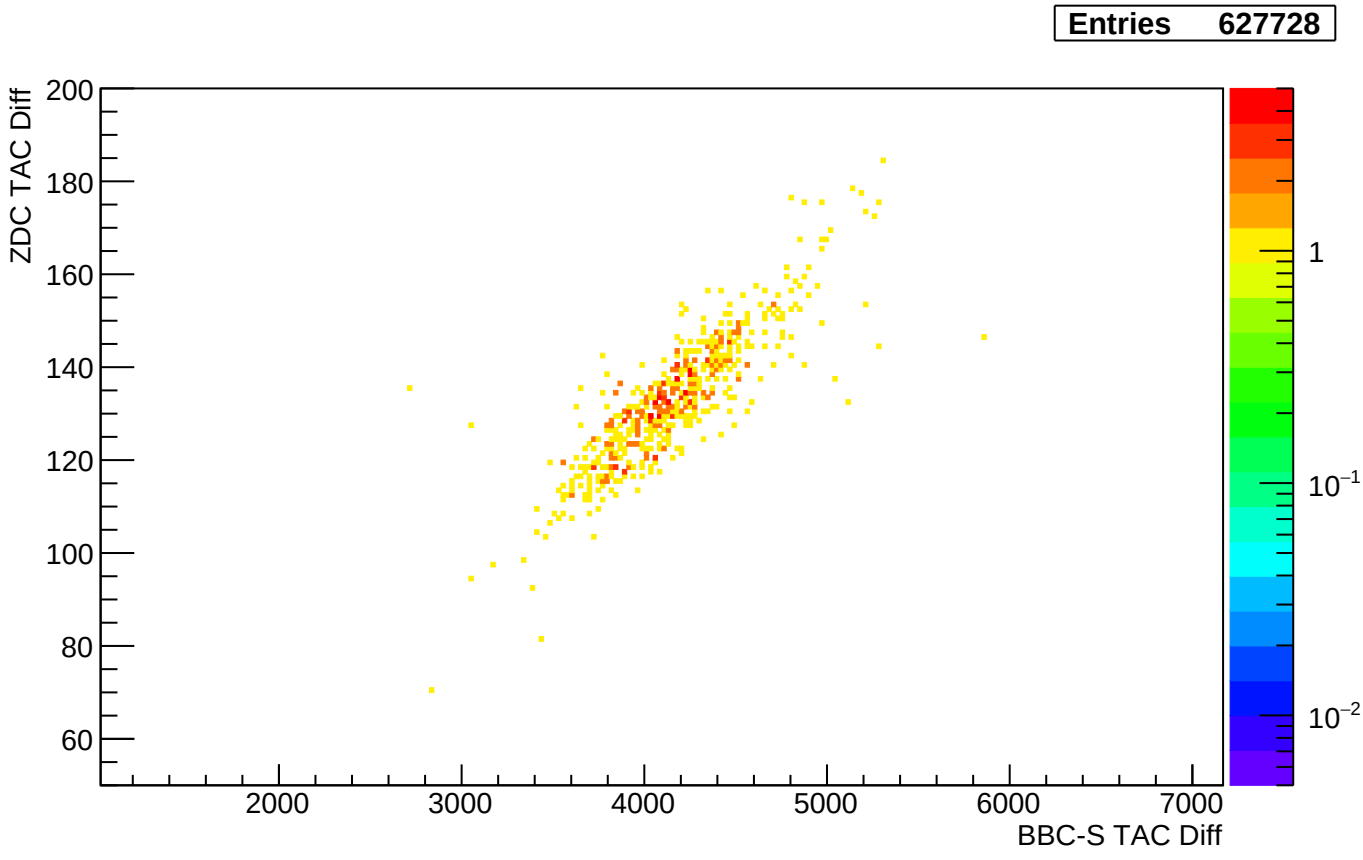

Entries 627728
TOF-Mult
EPD-West Hit Cnt

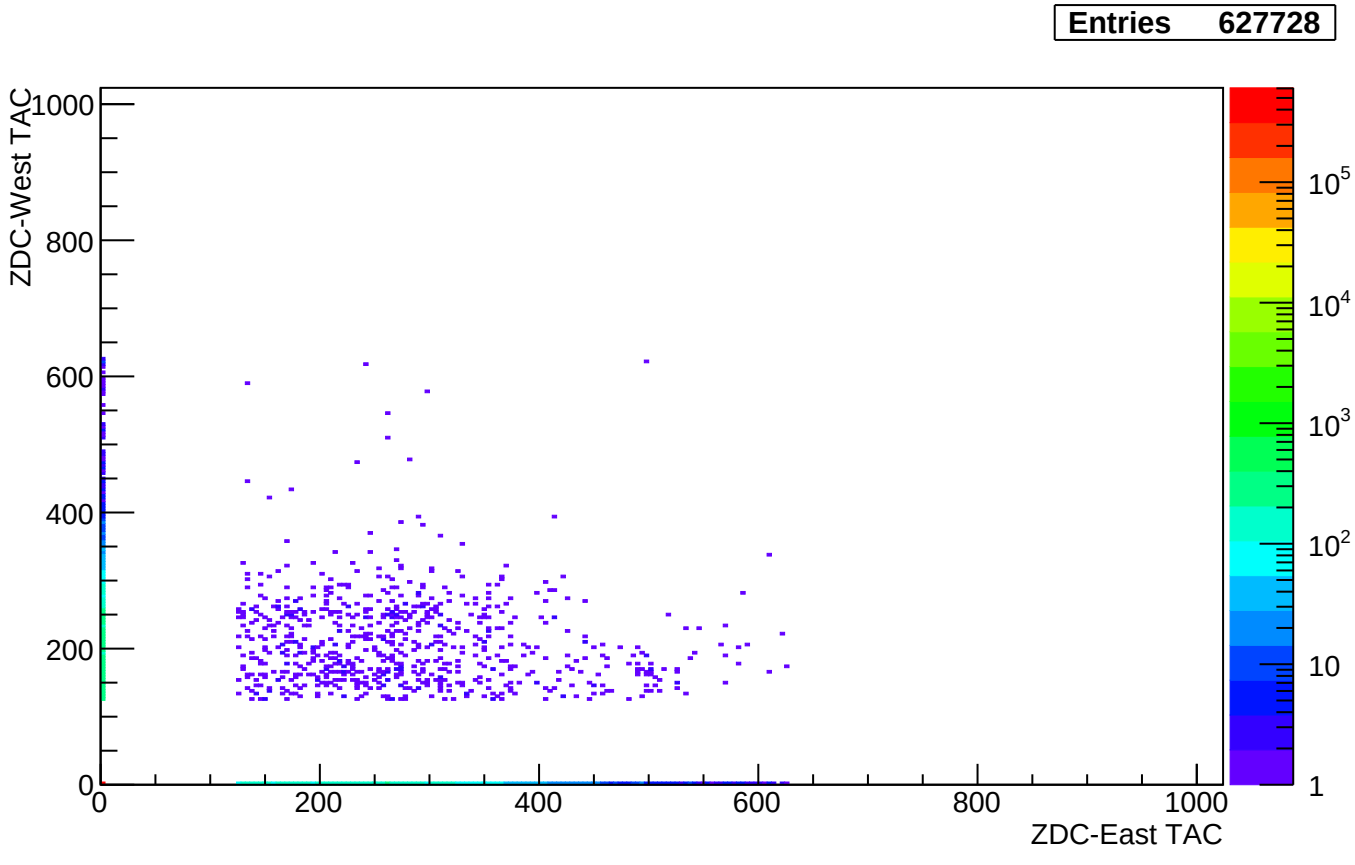

Entries 627728
TOF-Mult
VPD-East ADC Sum

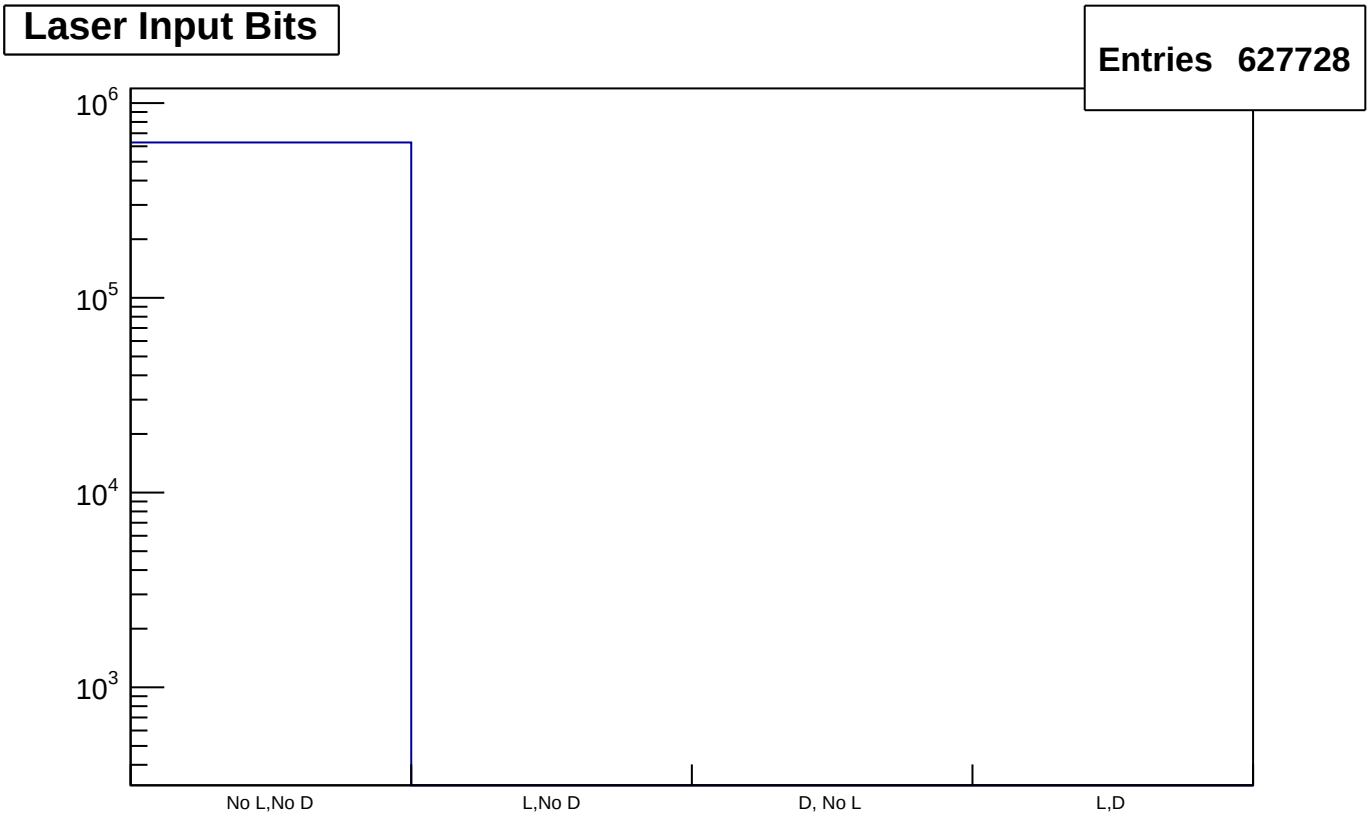

Entries 627728
TOF-Mult
VPD-West ADC Sum

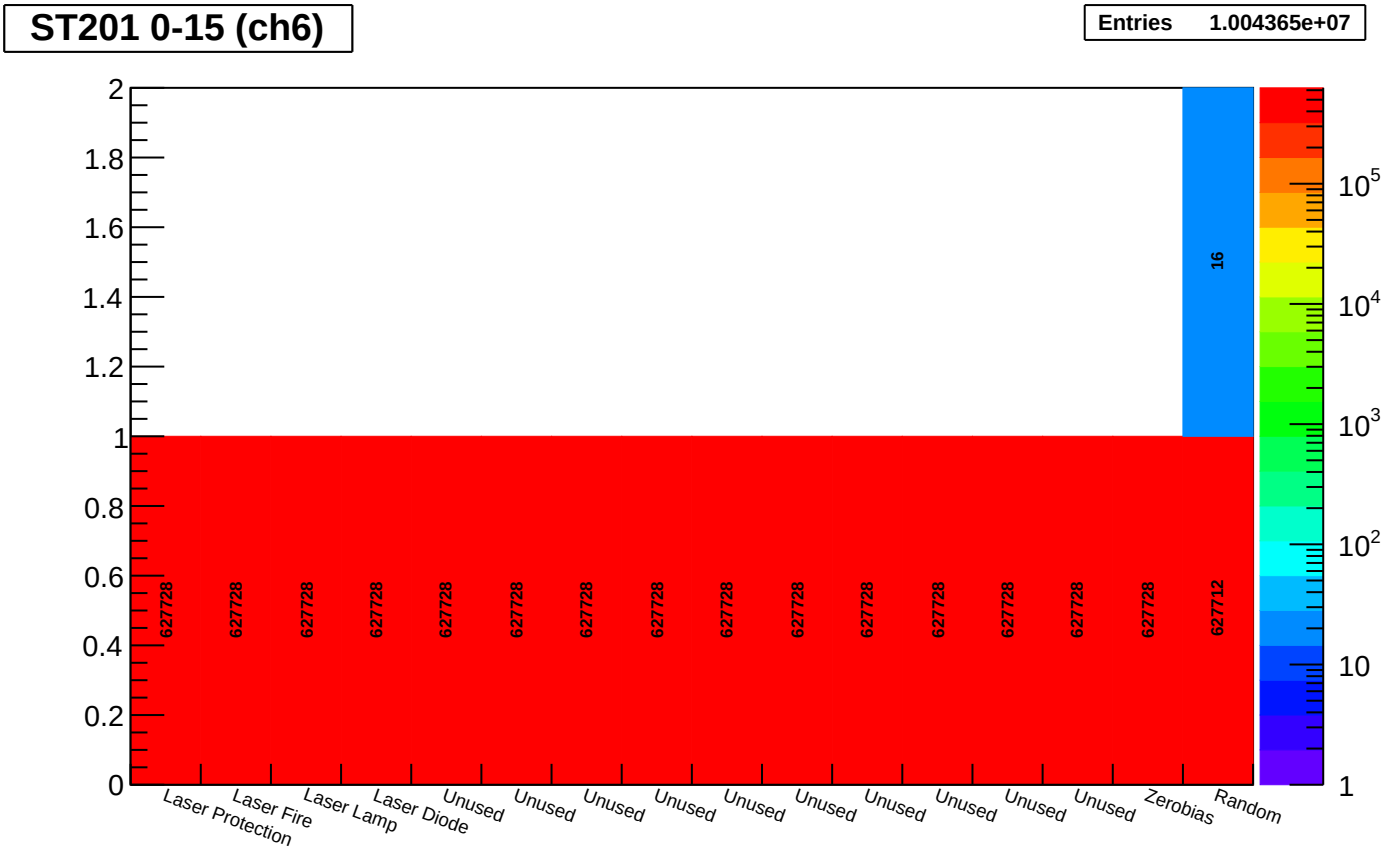

Entries 627728
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

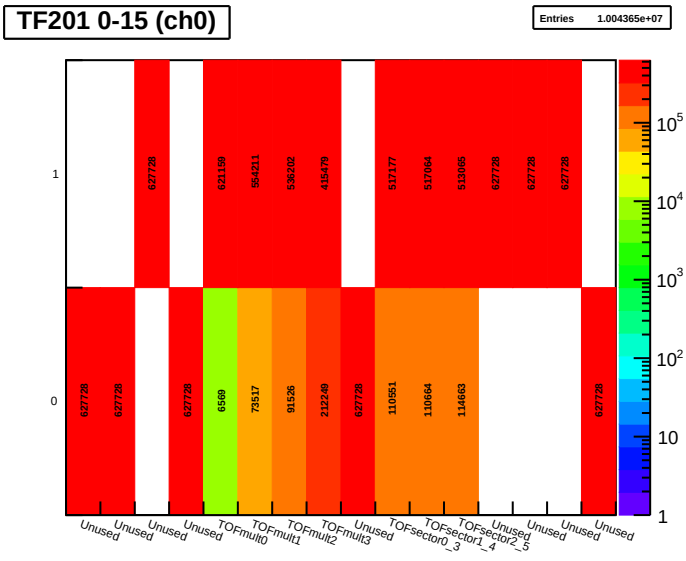

Entries 627728
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

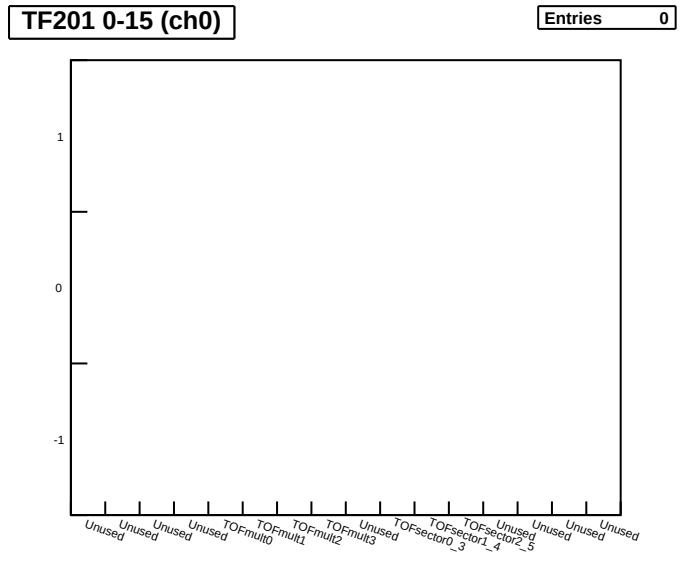

Entries 627728
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

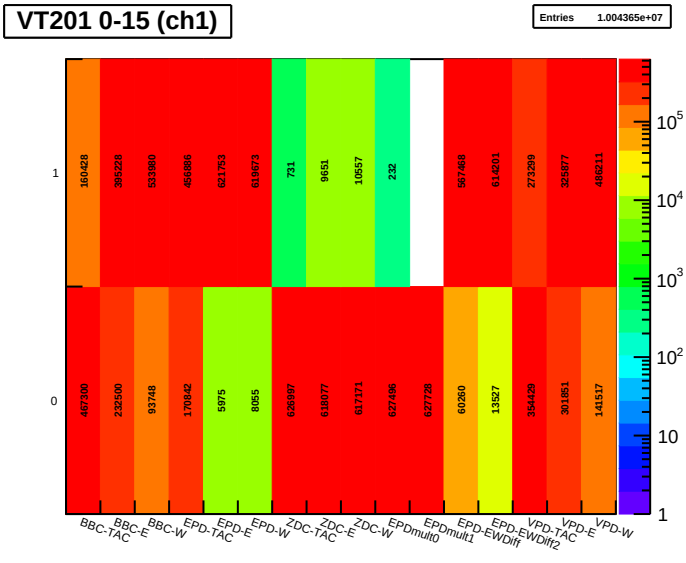

Entries 627728
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

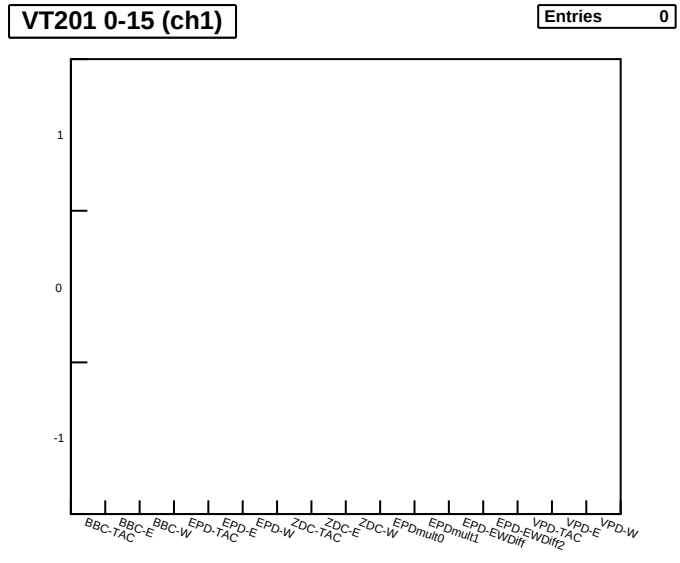

Laser Input Bits
Entries 627728
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

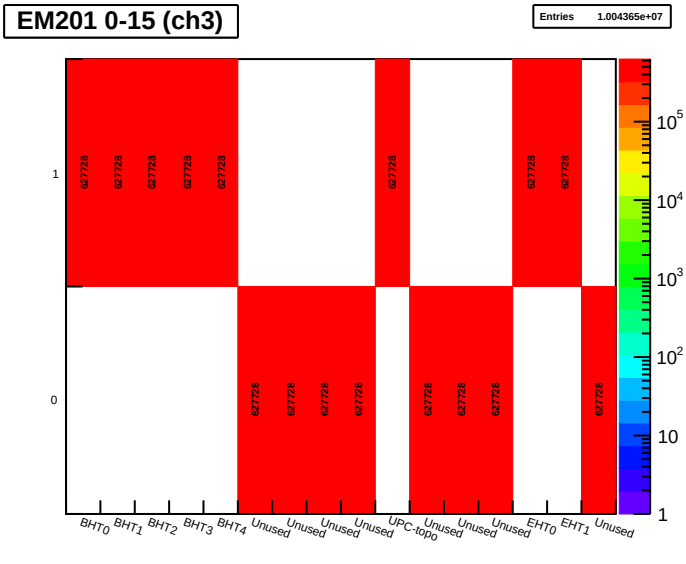

ST201 0-15 (ch6)
Entries 1.004365e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
627728
627712
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random


TF201 0-15 (ch0)
Entries 1.004365e+07
1
0
627728
621159
554211
536202
415479
517177
517064
513065
627728
627728
627728
627728
627728
627728
6569
73517
91526
212249
627728
110551
110664
114663
627728
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 1.004365e+07
1
0
160428
395228
533980
456886
621753
619673
731
9651
10557
232
567468
614201
273299
325877
486211
467300
232500
93748
170842
5975
8055
626997
618077
617171
627496
627728
60260
13527
354429
301851
141517
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 1.004365e+07
1
0
627728
627728
627728
627728
627728
627728
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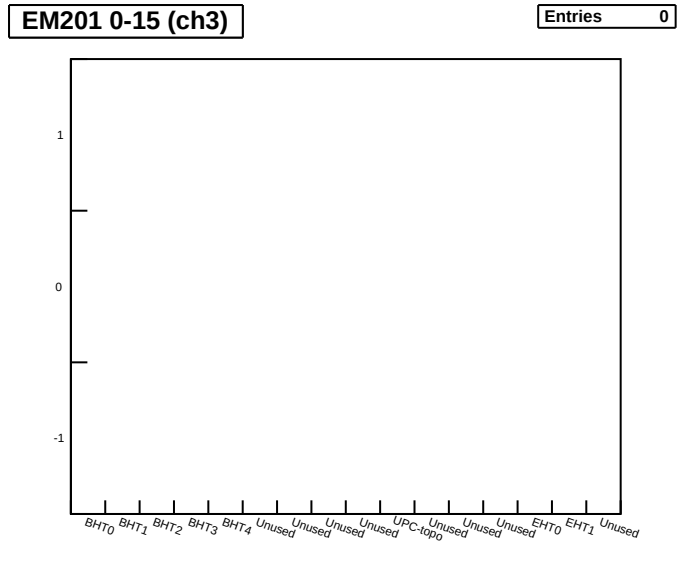
627728
627728
627728
627728
627728
627728
627728
627728
627728
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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