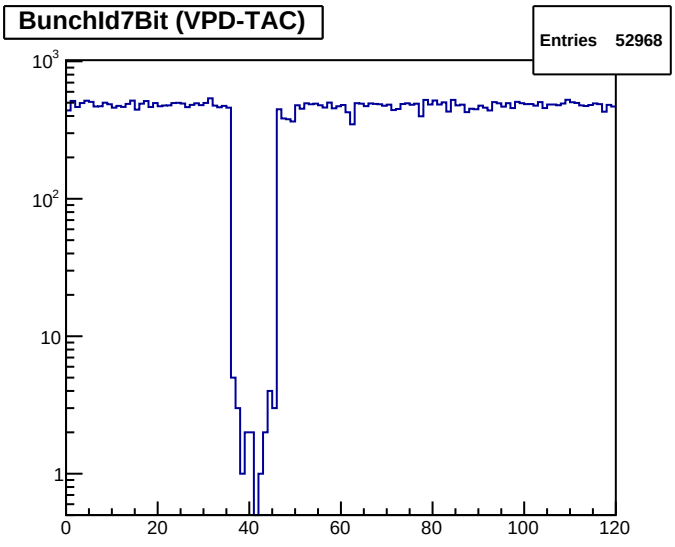
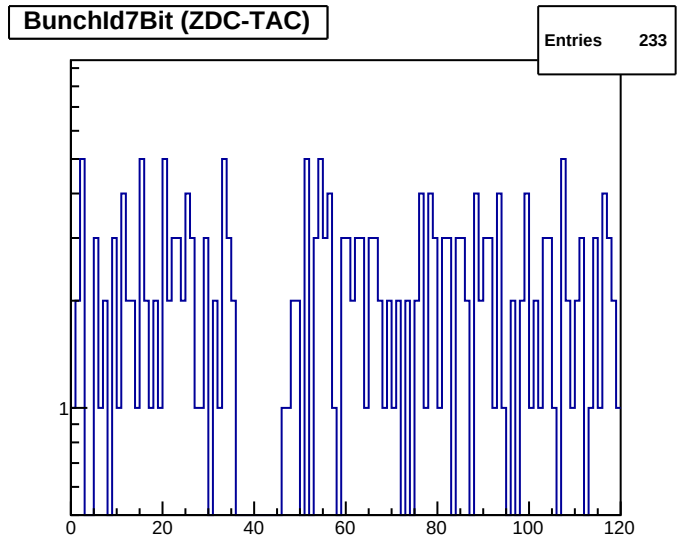
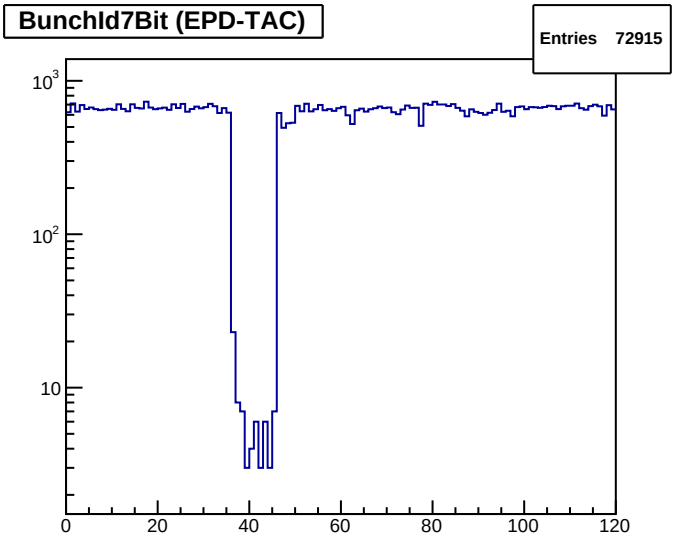
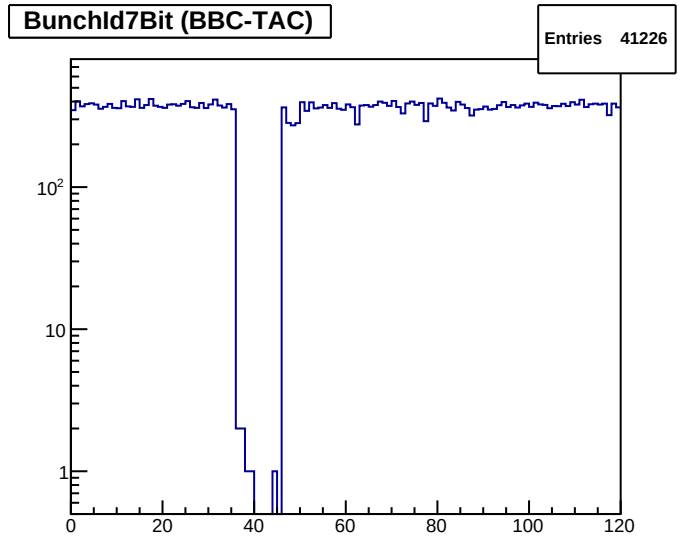
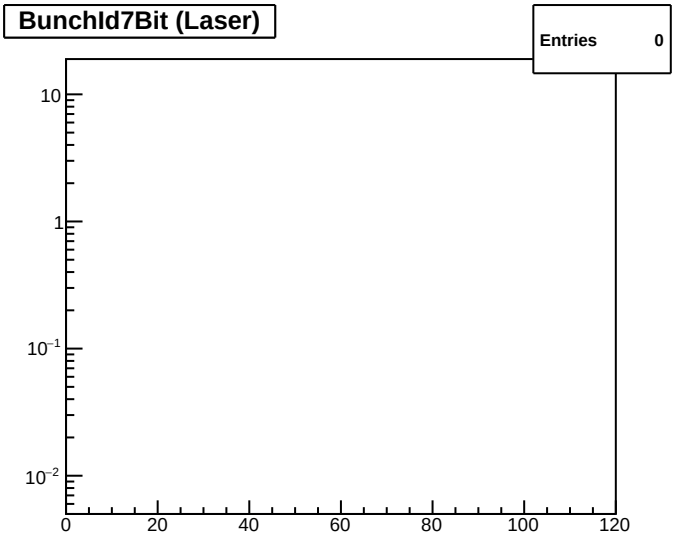
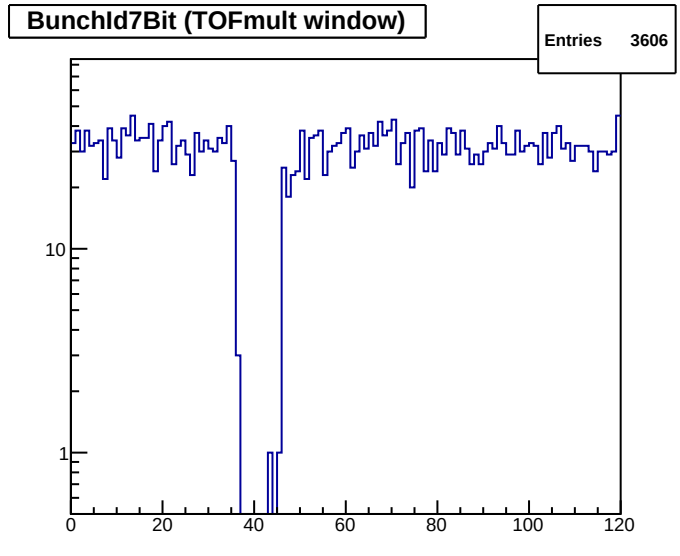

BunchId7Bit (VPD-TAC)
Entries 52968

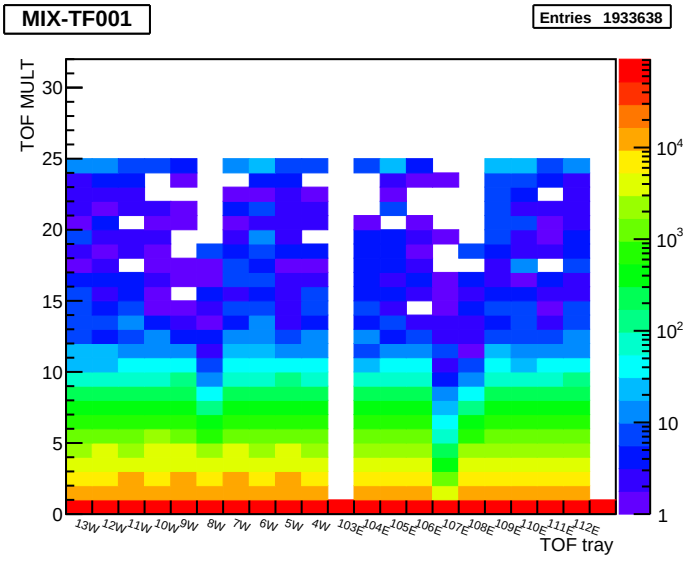

BunchId7Bit (ZDC-TAC)
Entries 233

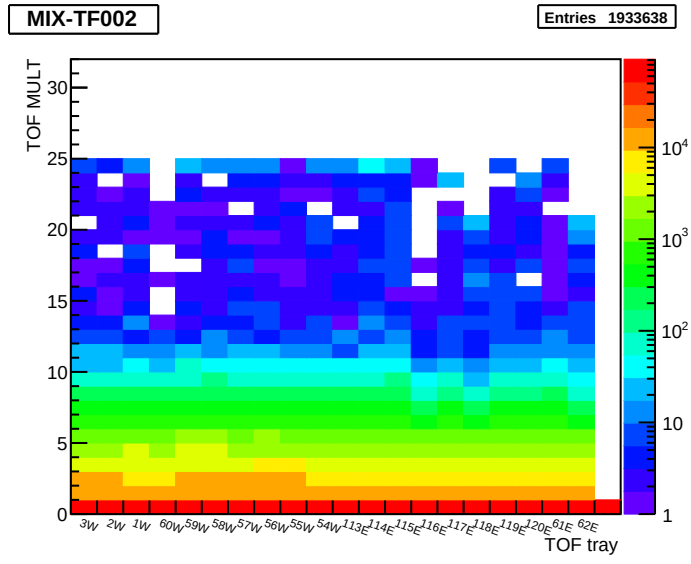

BunchId7Bit (EPD-TAC)
Entries 72915

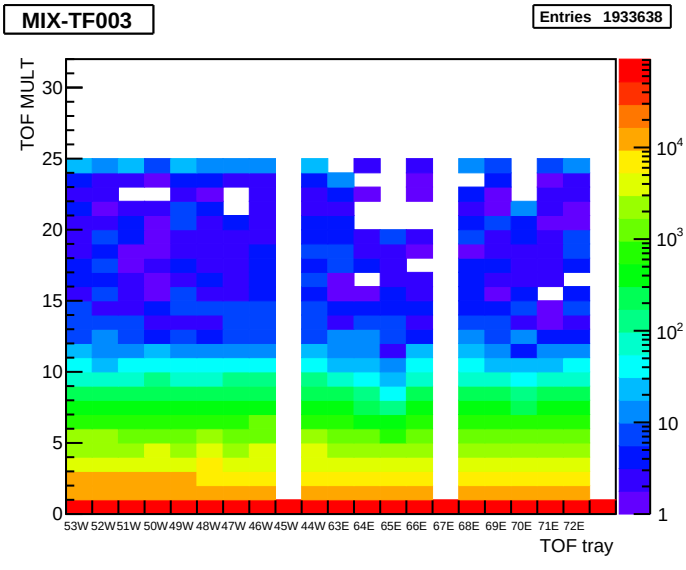

BunchId7Bit (BBC-TAC)
Entries 41226

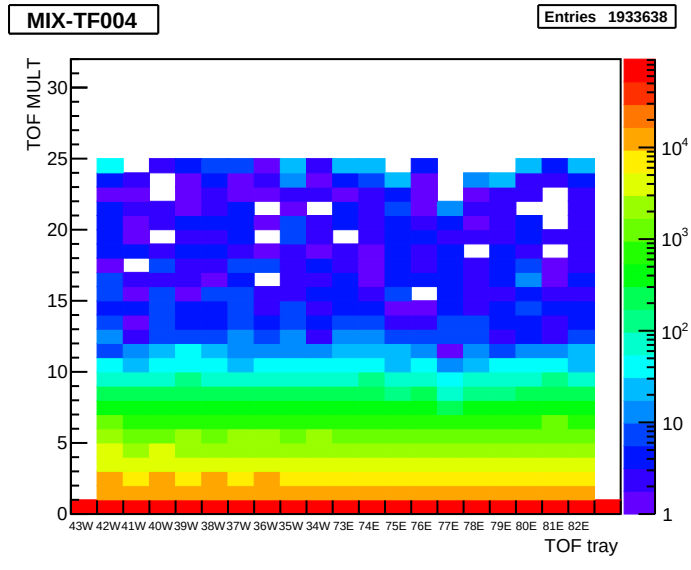

BunchId7Bit (Laser)
Entries 0

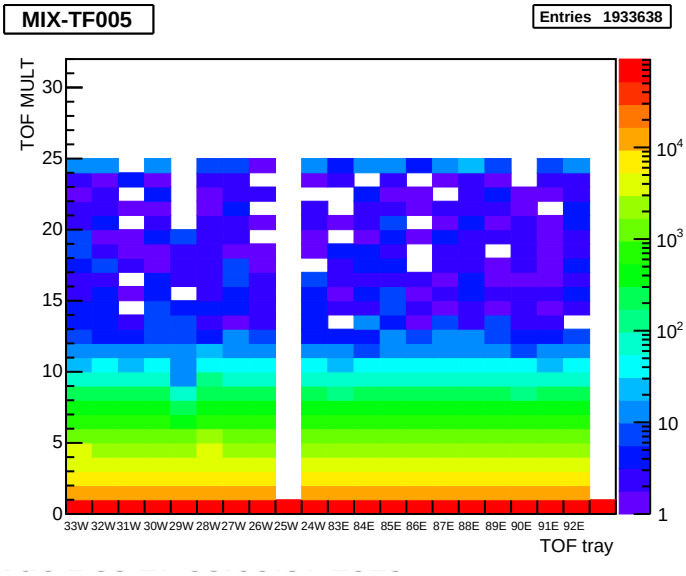

BunchId7Bit (TOFmult window)
Entries 3606

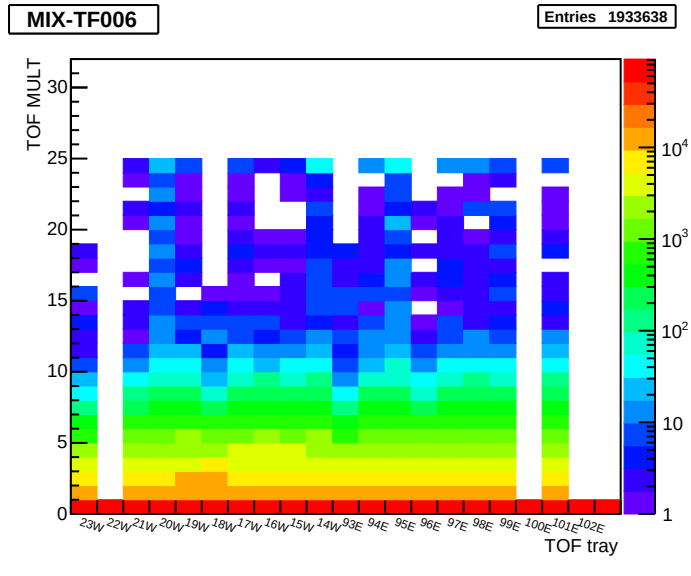

MIX-TF001
Entries 1933638
TOF MULT
TOF tray

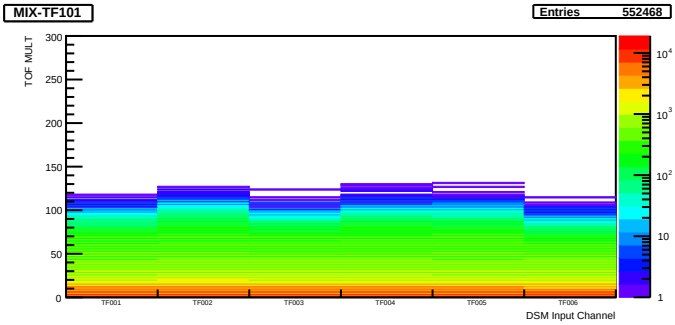

MIX-TF002
Entries 1933638
TOF MULT
TOF tray

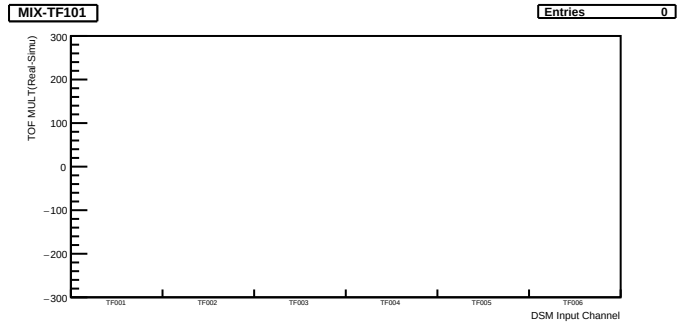

MIX-TF003
Entries 1933638
TOF MULT
TOF tray

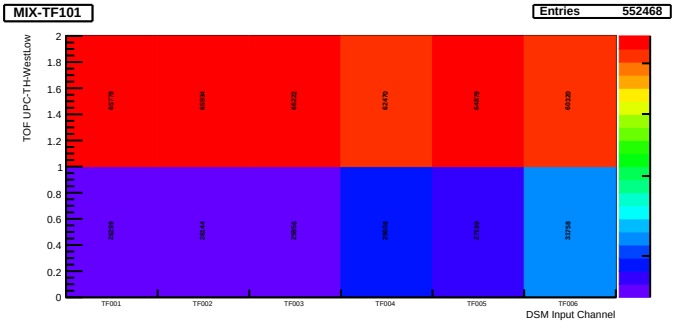

MIX-TF004
Entries 1933638
TOF MULT
TOF tray

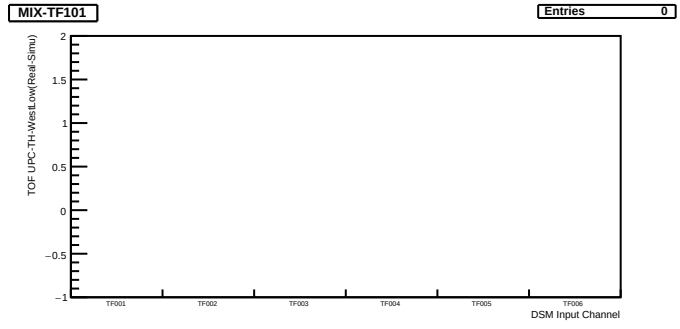

MIX-TF005
Entries 1933638
TOF MULT
TOF tray

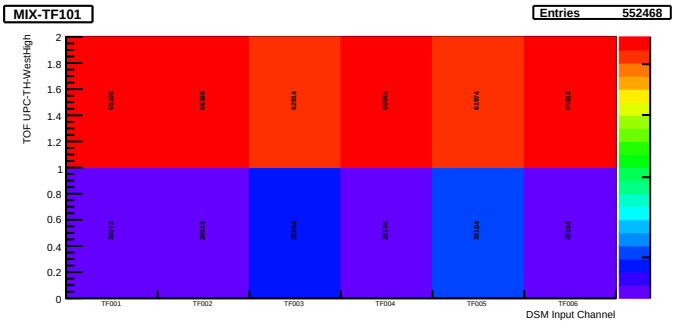

MIX-TF006
Entries 1933638
TOF MULT
TOF tray

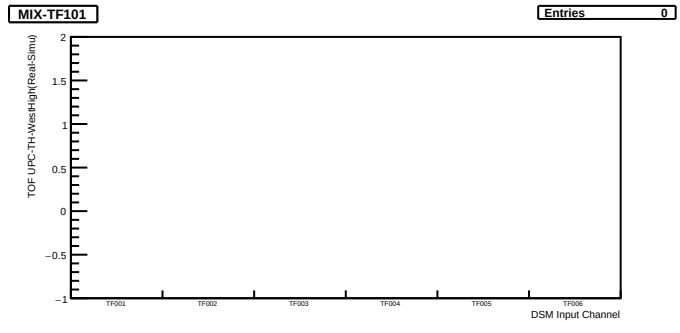

MIX-TF101
Entries 552468
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

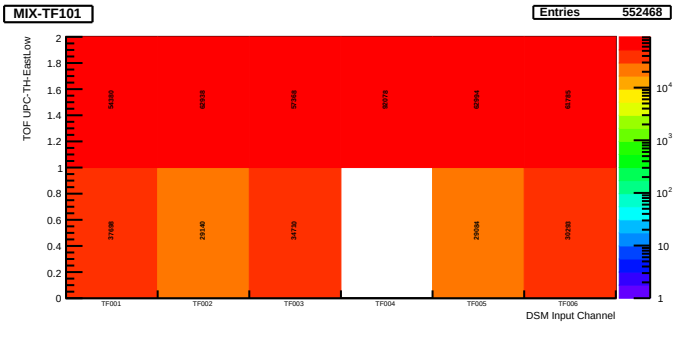

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

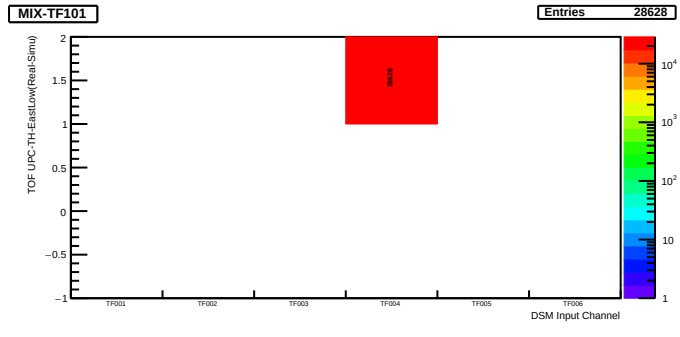

MIX-TF101
Entries 552468
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

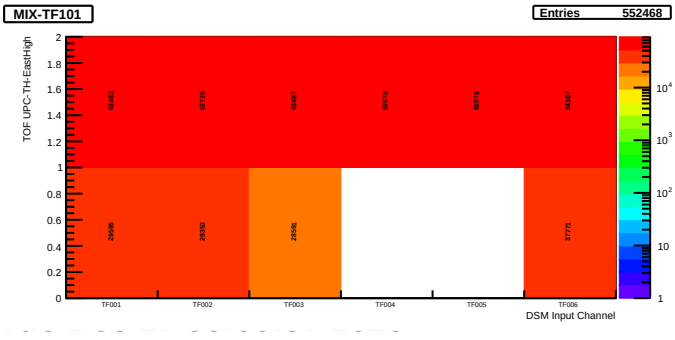

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

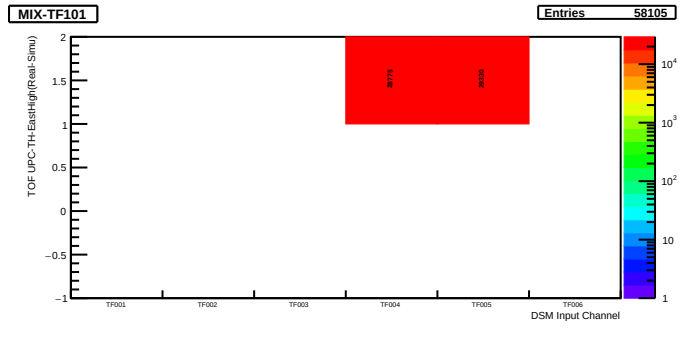

MIX-TF101
Entries 552468
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

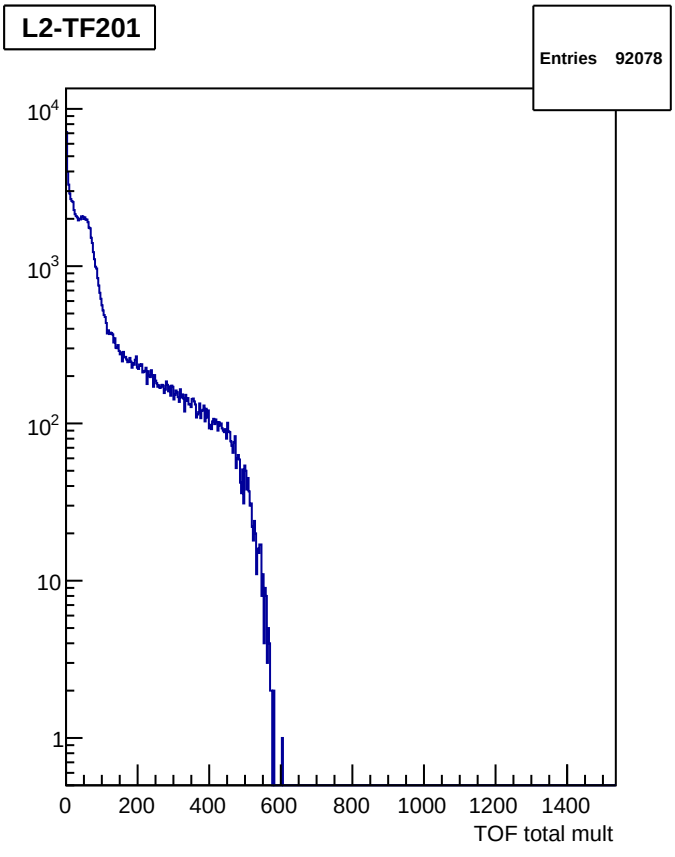

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

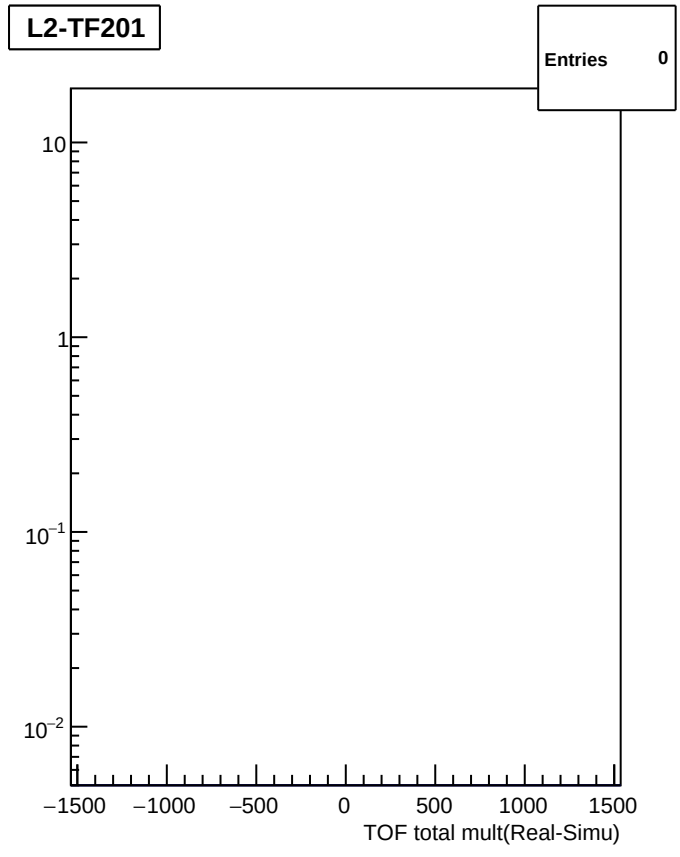

MIX-TF101
Entries 552468
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

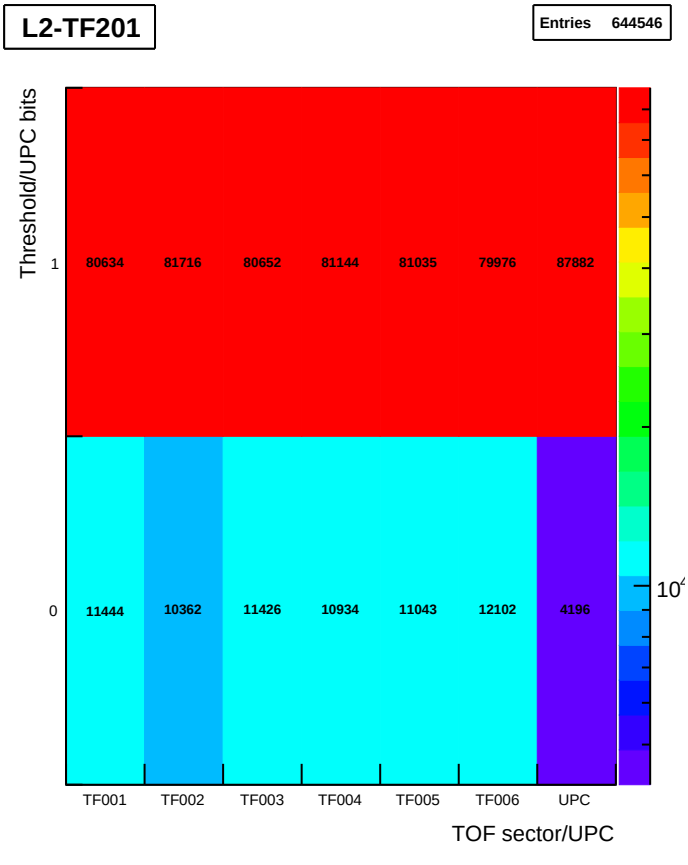

MIX-TF101
Entries 28628
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

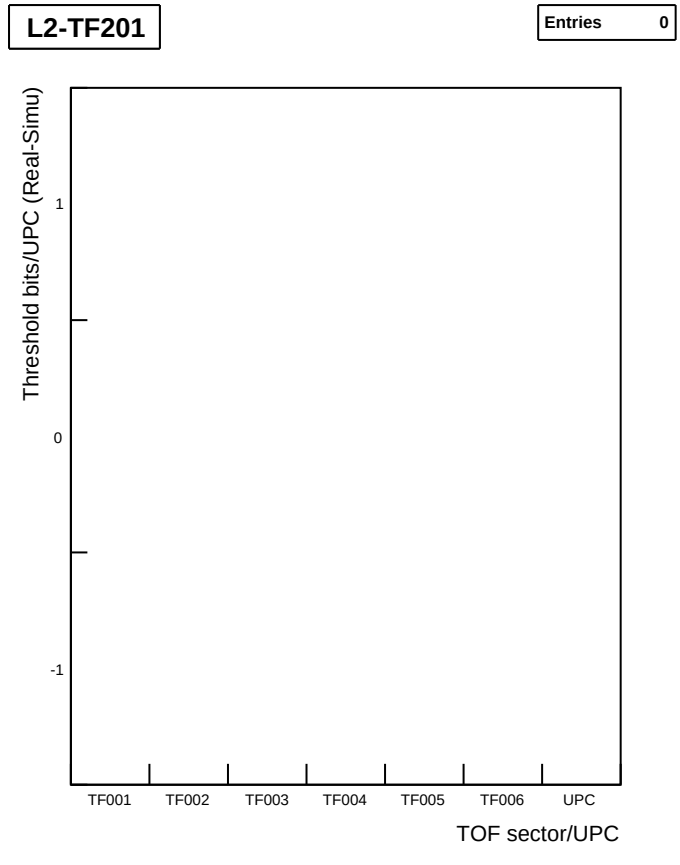

MIX-TF101
Entries 552468
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

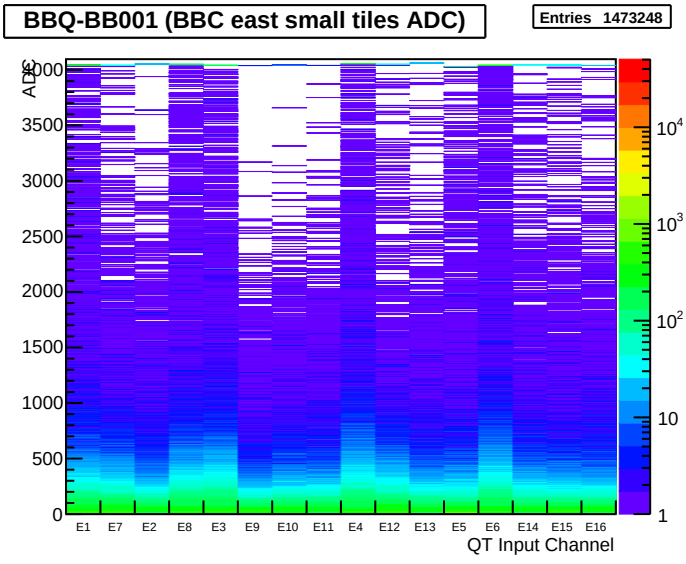

MIX-TF101
Entries 58105
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

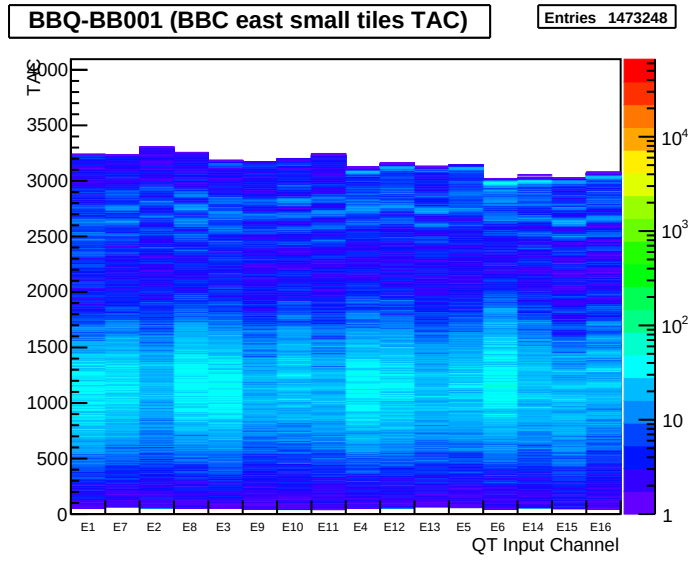

L2-TF201
Entries 92078
TOF total mult

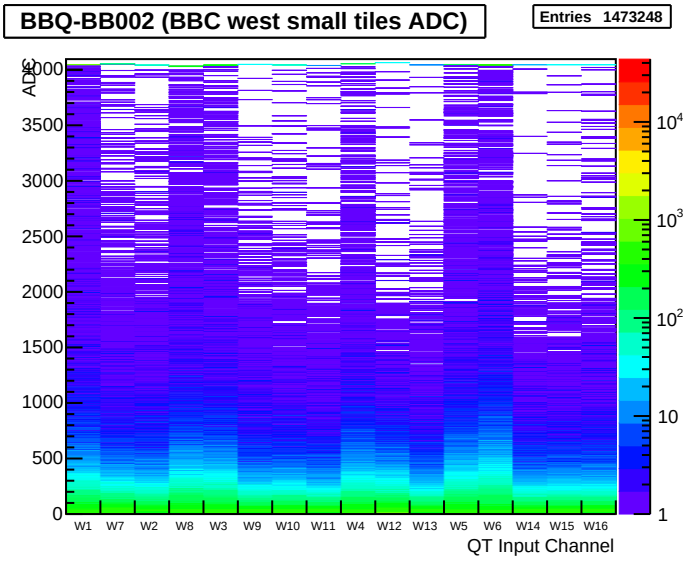

L2-TF201
Entries 0
TOF total mult(Real-Simu)

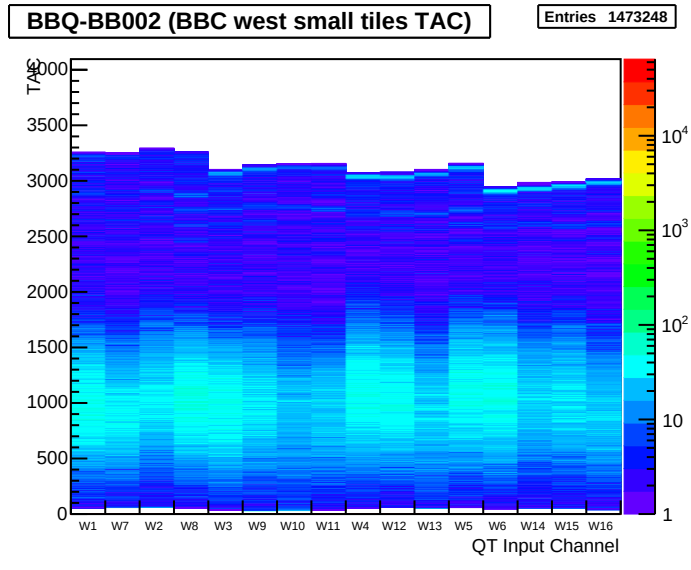

L2-TF201
Entries 644546
Threshold/UPC bits
80634
81716
80652
81144
81035
79976
87882
11444
10362
11426
10934
11043
12102
4196
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

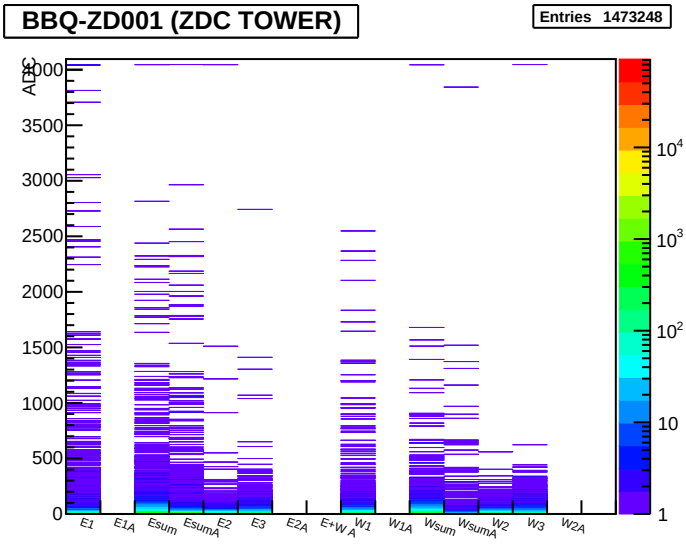

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

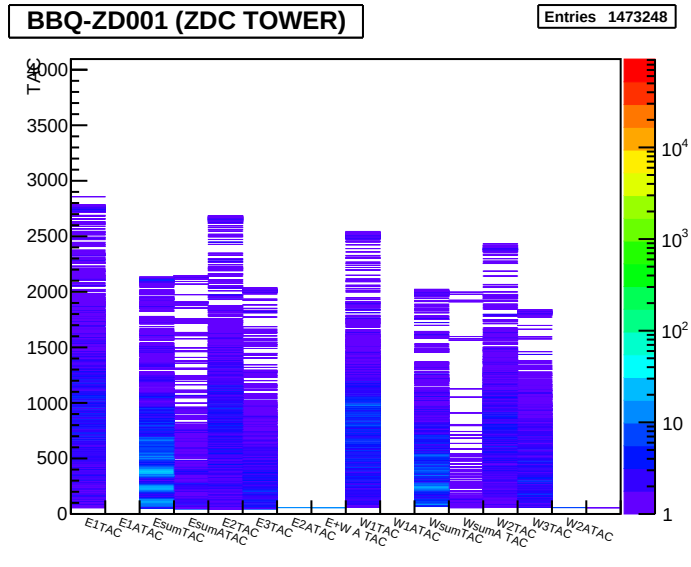

BBQ-BB001 (BBC east small tiles ADC)
Entries 1473248
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

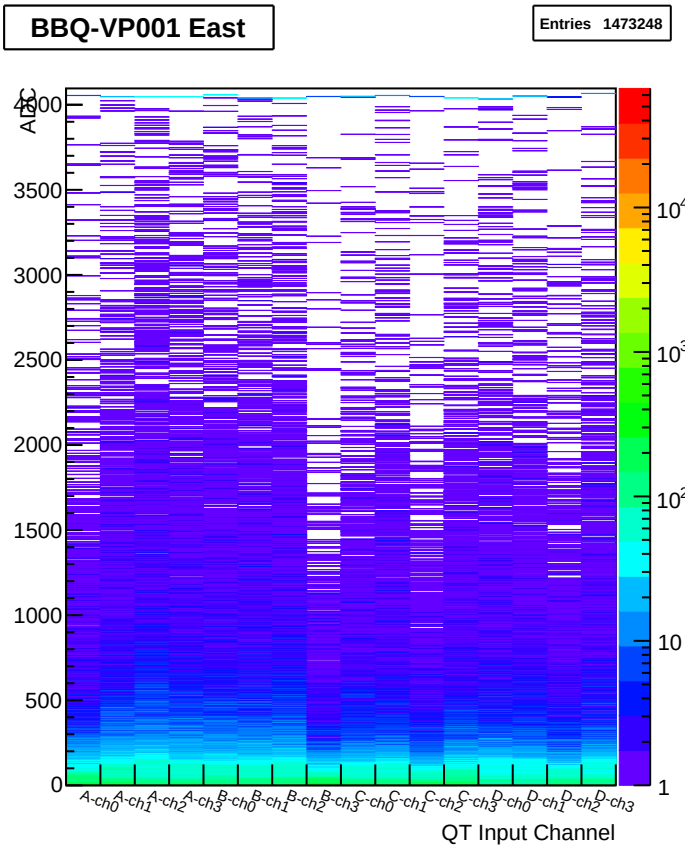

BBQ-BB001 (BBC east small tiles TAC)
Entries 1473248
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

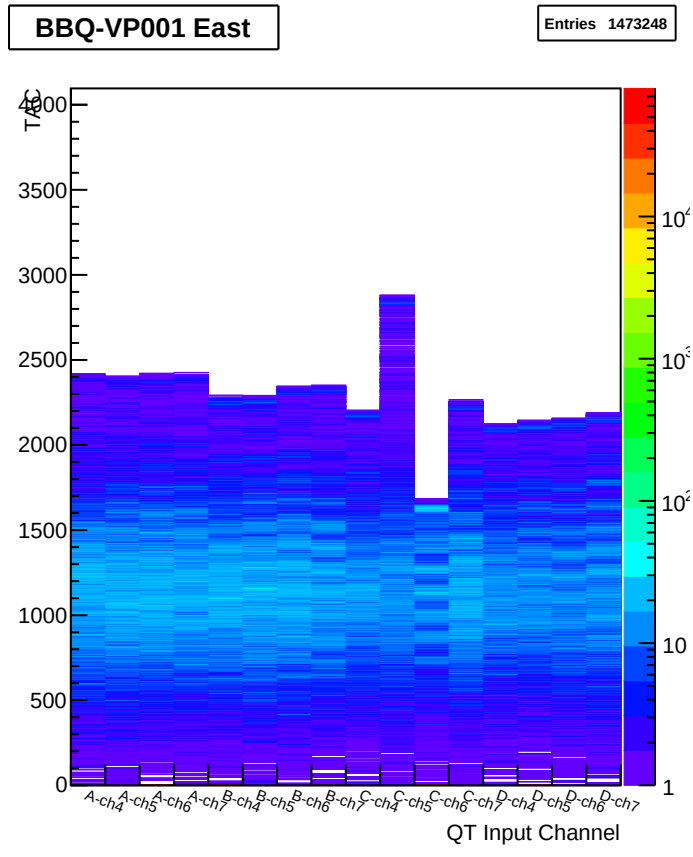

BBQ-BB002 (BBC west small tiles ADC)
Entries 1473248
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

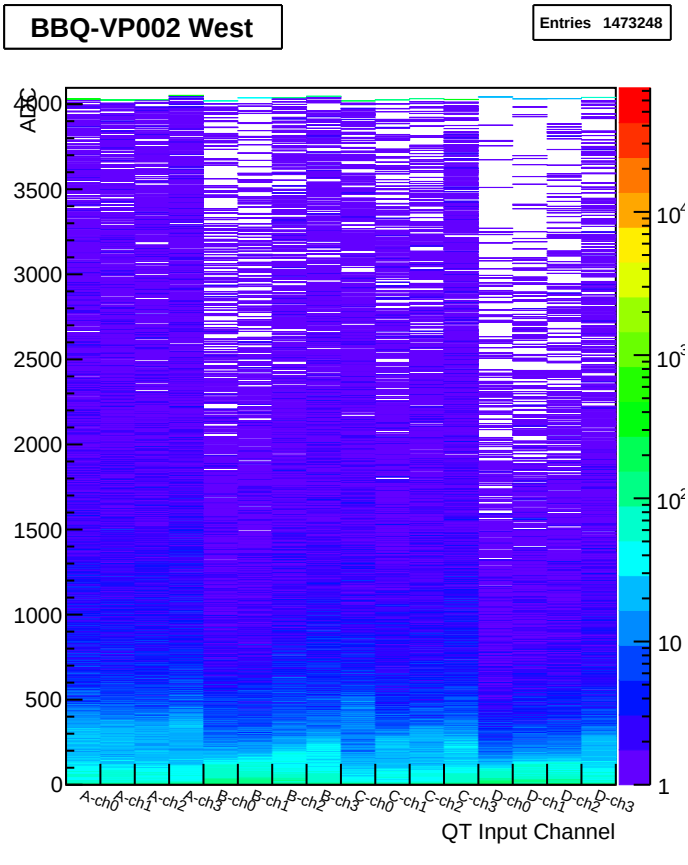

BBQ-BB002 (BBC west small tiles TAC)
Entries 1473248
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

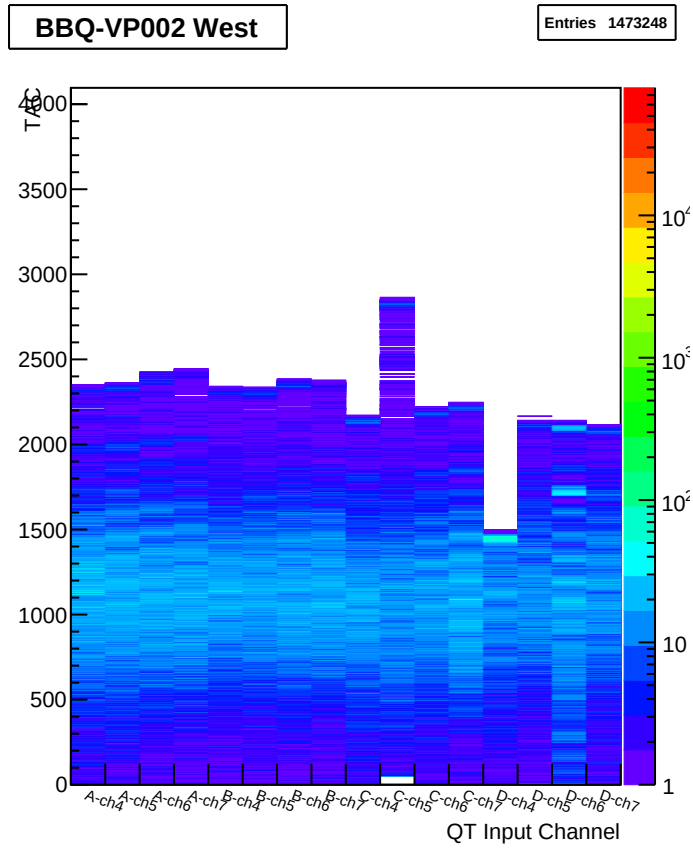

BBQ-ZD001 (ZDC TOWER)
Entries 1473248
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

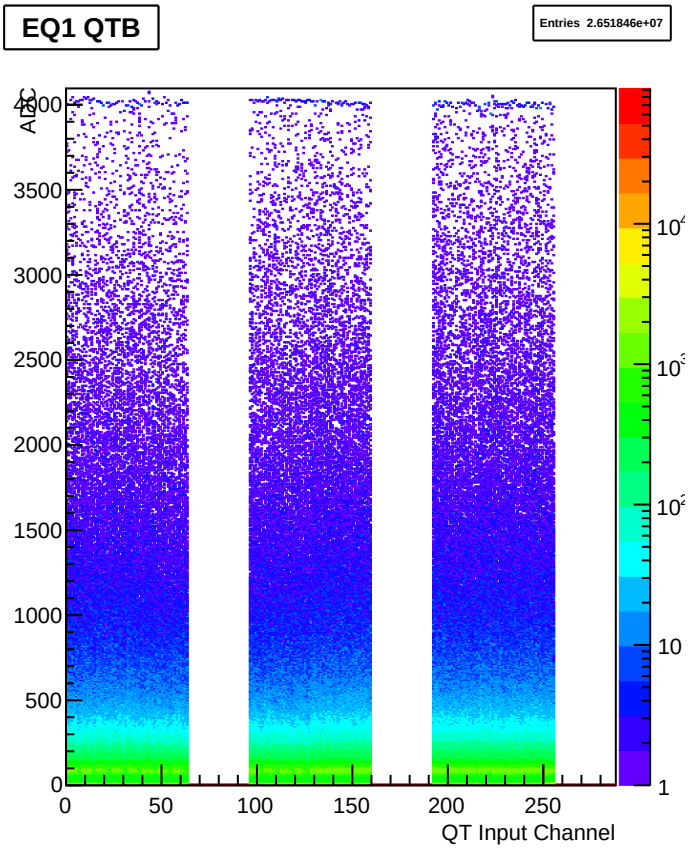

BBQ-ZD001 (ZDC TOWER)
Entries 1473248
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

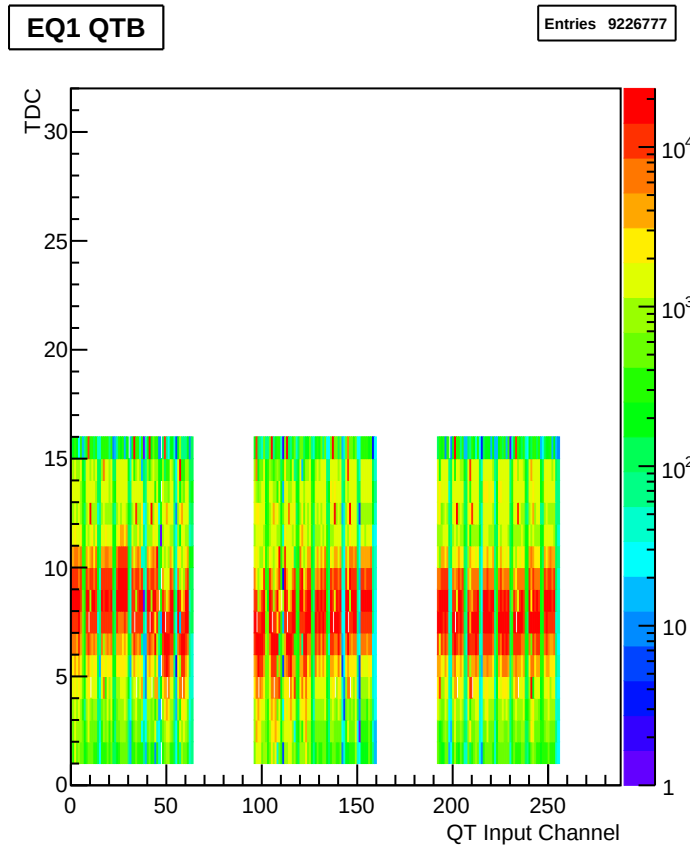

BBQ-VP001 East
Entries 1473248
ADC
QT Input Channel

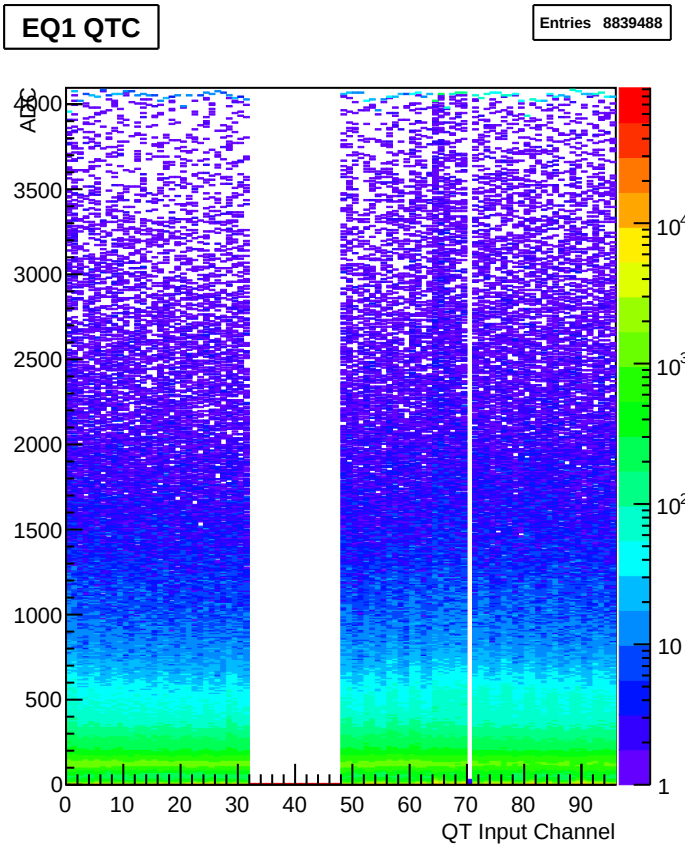

BBQ-VP001 East
Entries 1473248
TADC
QT Input Channel

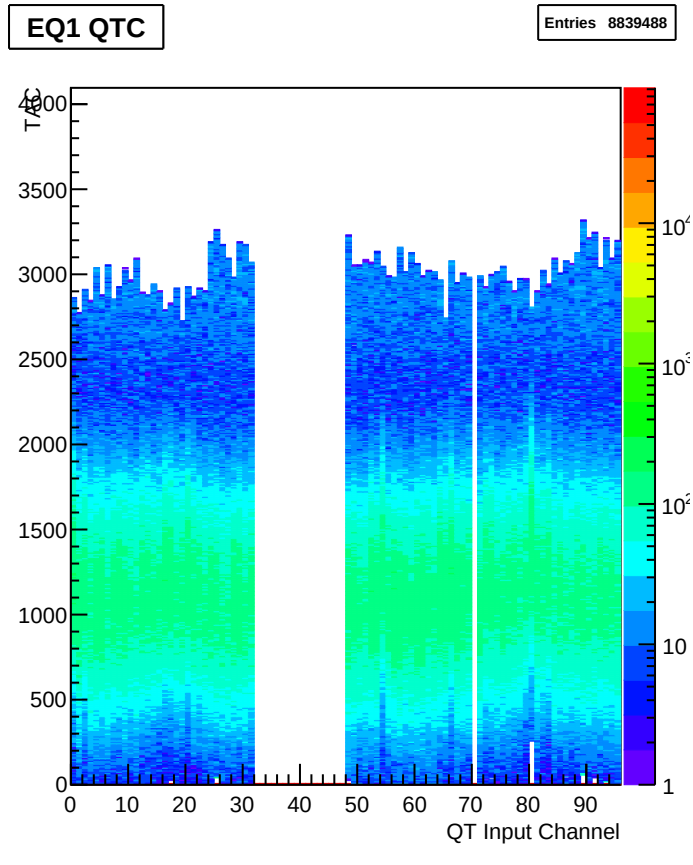

BBQ-VP002 West
Entries 1473248
ADC
QT Input Channel

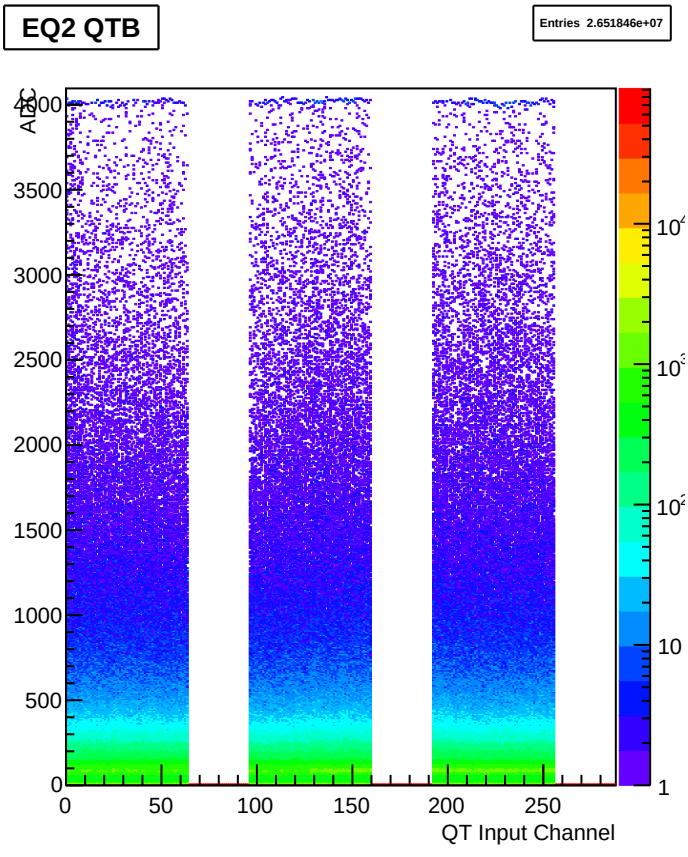

BBQ-VP002 West
Entries 1473248
TADC
QT Input Channel

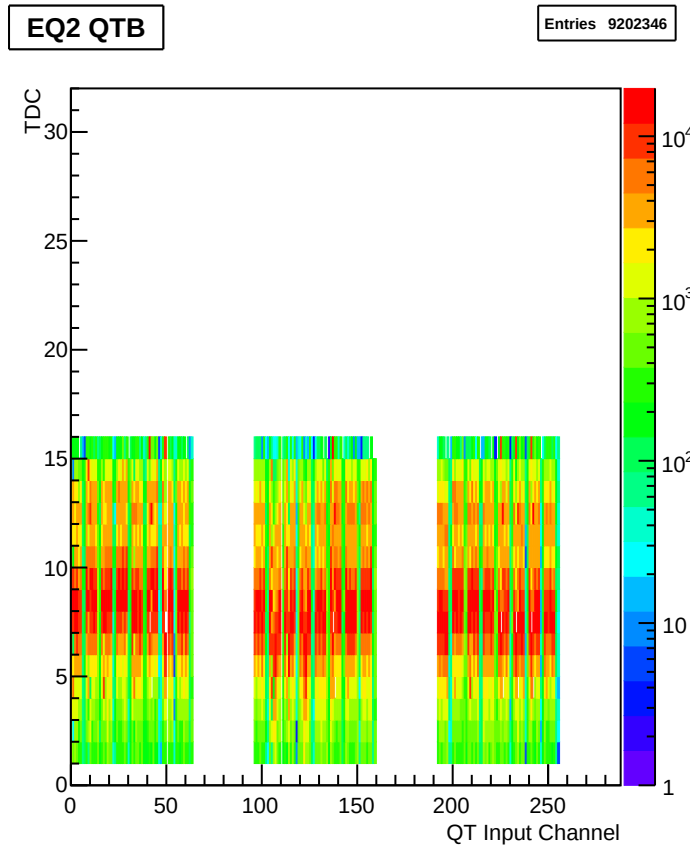

EQ1 QTB
Entries 2.651846e+07
ADC
QT Input Channel

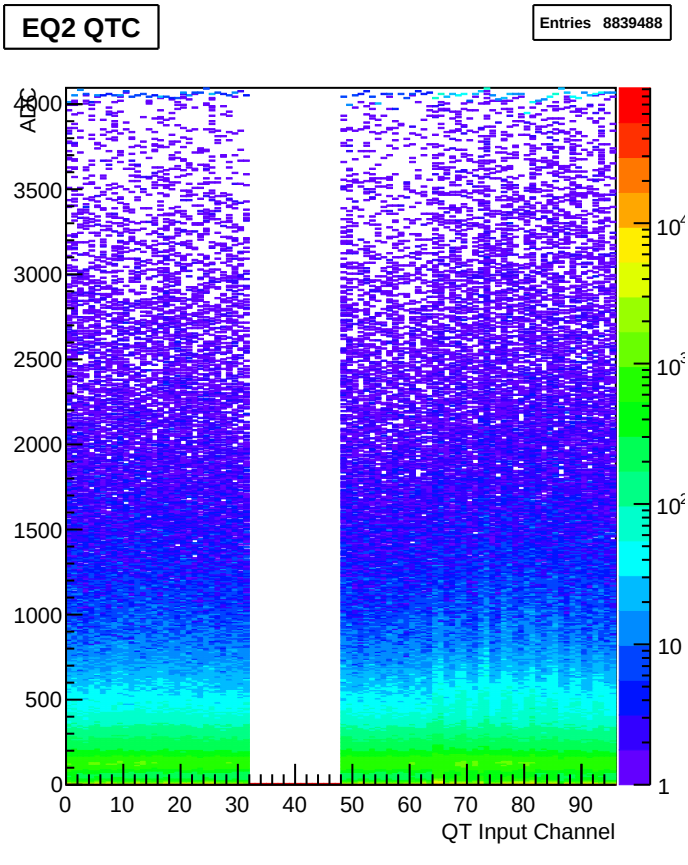

EQ1 QTB
Entries 9226777
TDC
QT Input Channel

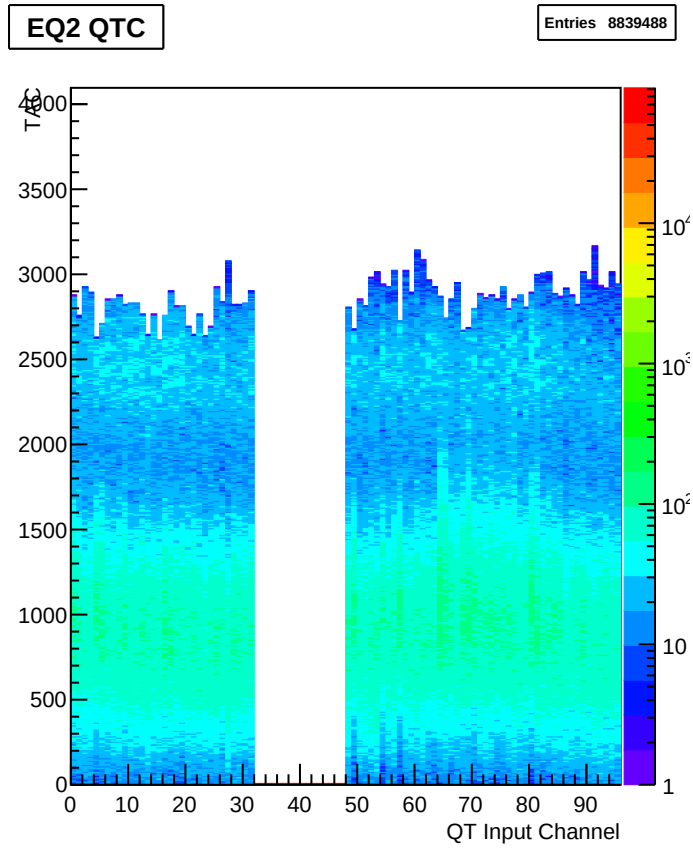

EQ1 QTC
Entries 8839488
ADC
QT Input Channel

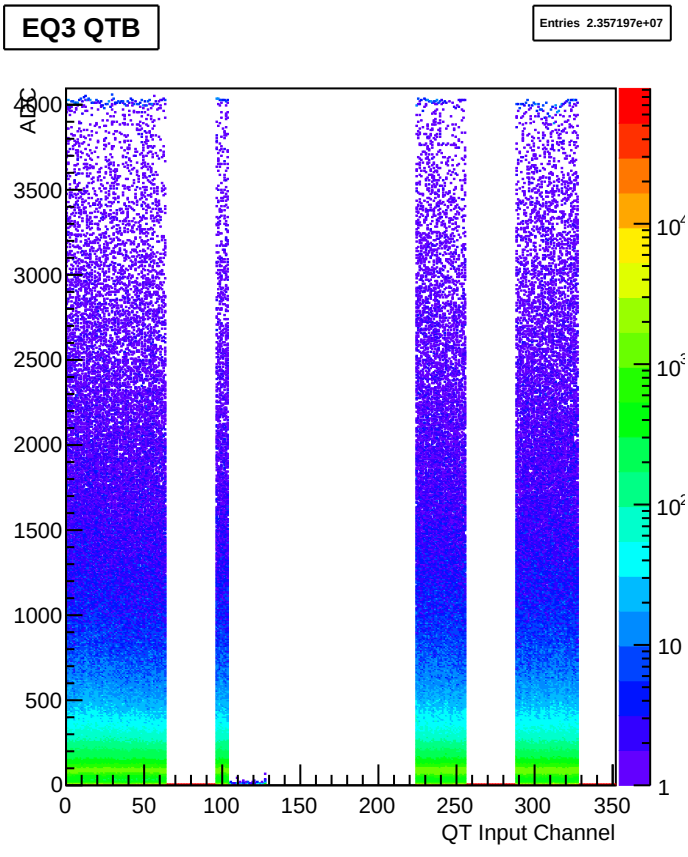

EQ1 QTC
Entries 8839488
TADC
QT Input Channel

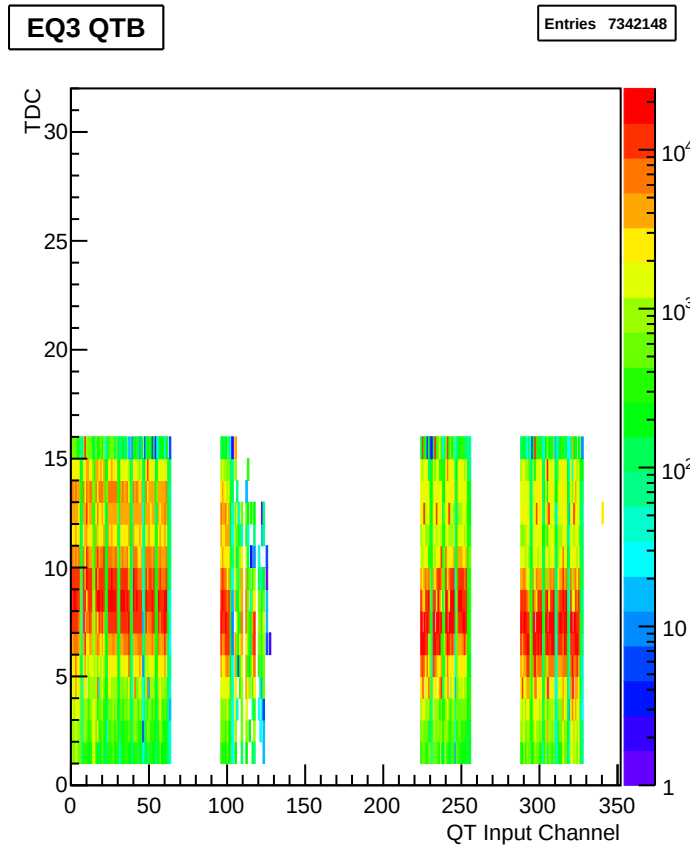

EQ2 QTB
Entries 2.651846e+07
ADC
QT Input Channel

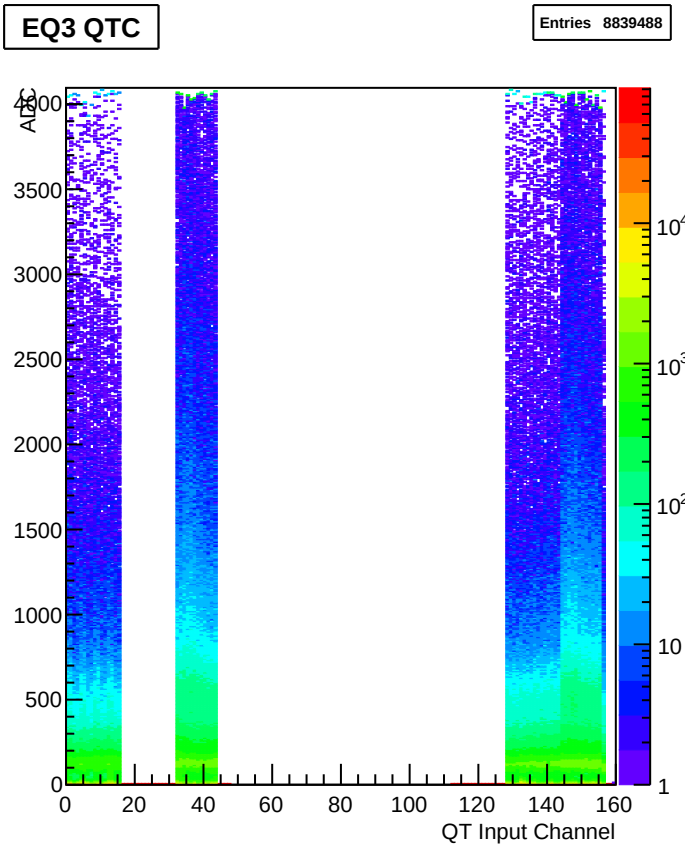

EQ2 QTB
Entries 9202346
TDC
QT Input Channel

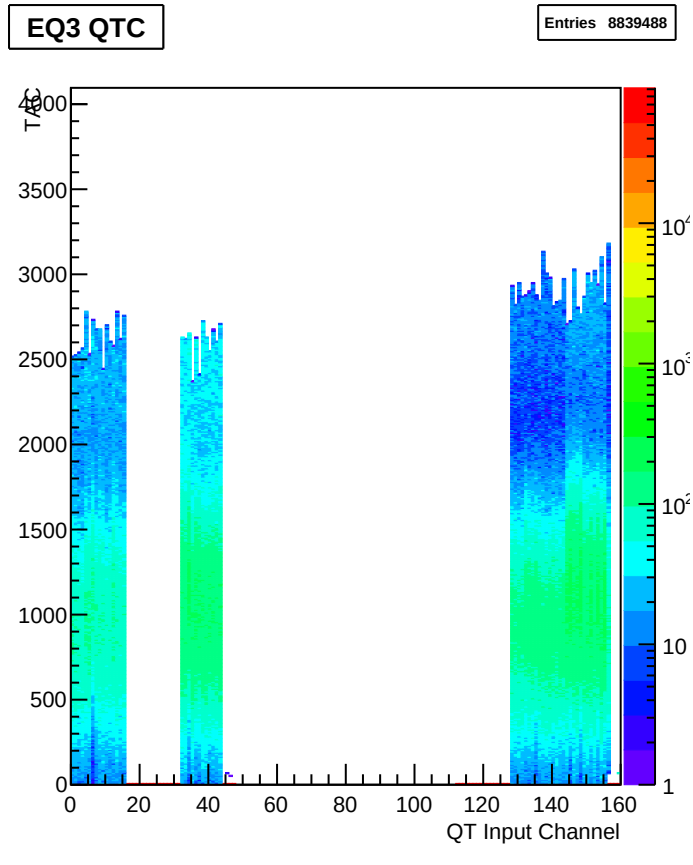

EQ2 QTC
Entries 8839488
ADC
QT Input Channel

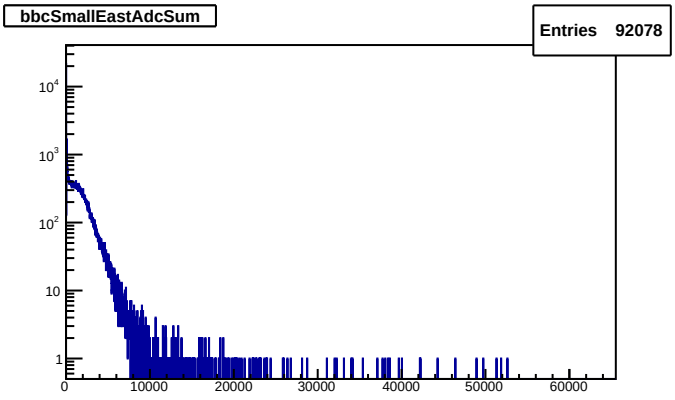

EQ2 QTC
Entries 8839488
TADC
QT Input Channel

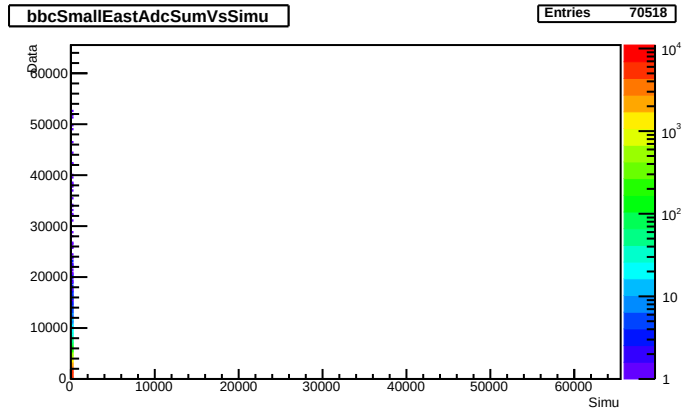

EQ3 QTB
Entries 2.357197e+07
ADC
QT Input Channel

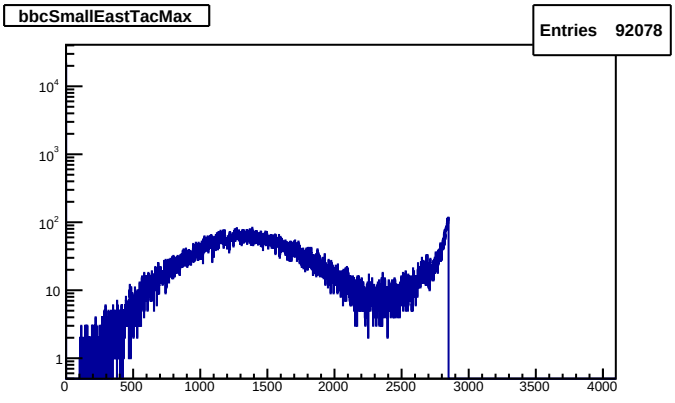

EQ3 QTB
Entries 7342148
TDC
QT Input Channel

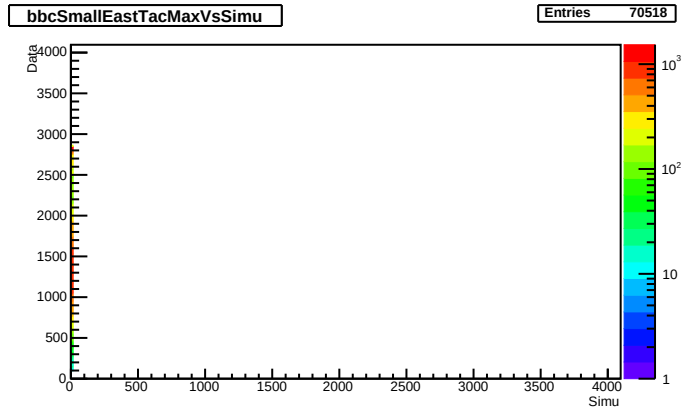

EQ3 QTC
Entries 8839488
ADC
QT Input Channel

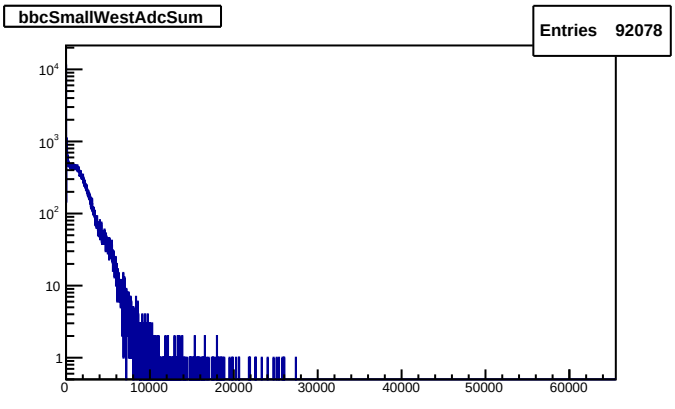

EQ3 QTC
Entries 8839488
TADC
QT Input Channel

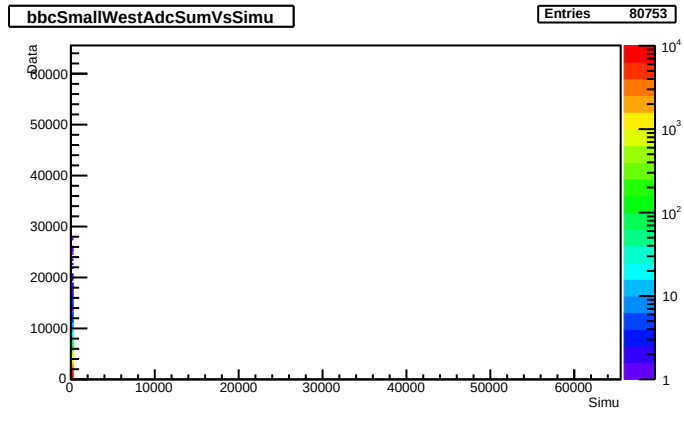

bbcSmallEastAdcSum
Entries 92078

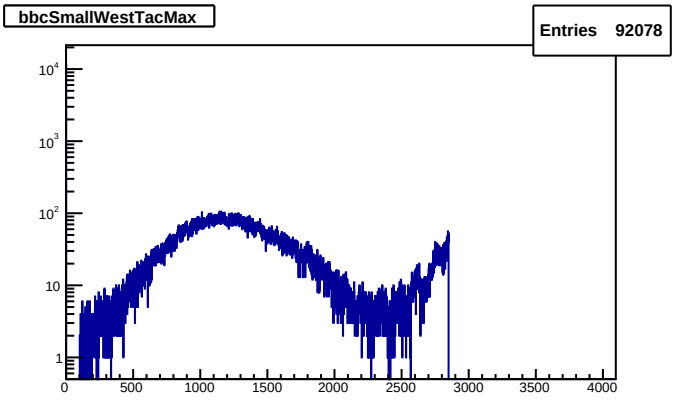

bbcSmallEastAdcSumVsSimu
Entries 70518
Data
Simu

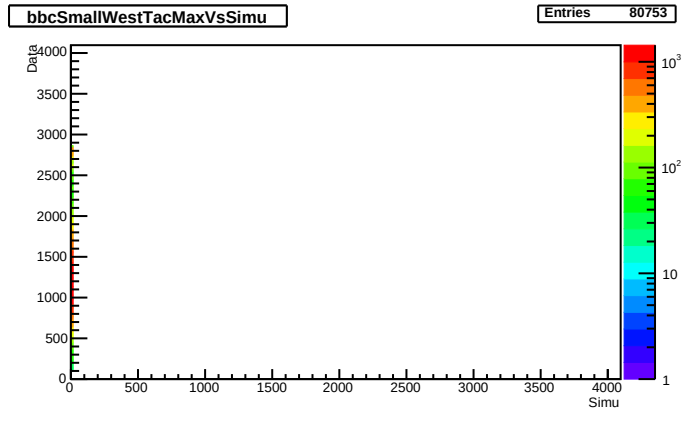

bbcSmallEastTacMax
Entries 92078

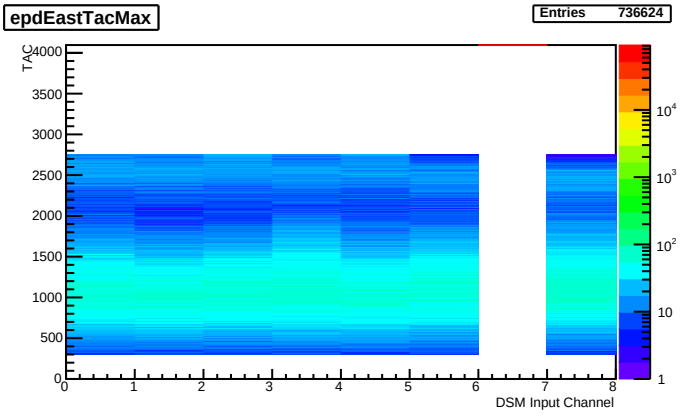

bbcSmallEastTacMaxVsSimu
Entries 70518
Data
Simu

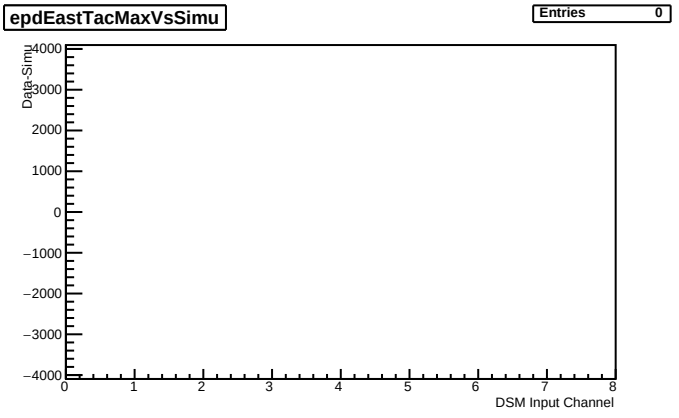

bbcSmallWestAdcSum
Entries 92078

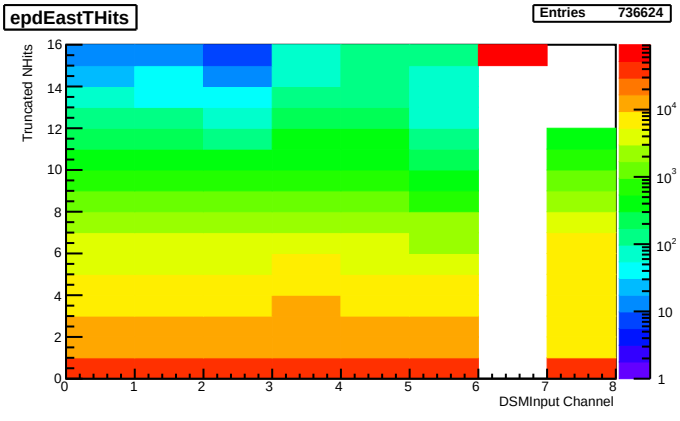

bbcSmallWestAdcSumVsSimu
Entries 80753
Data
Simu

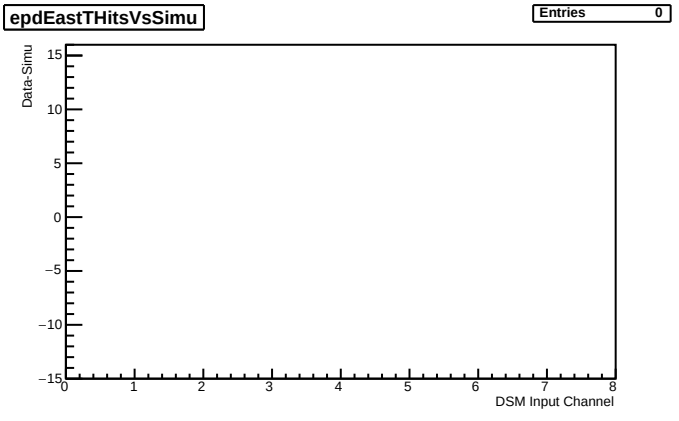

bbcSmallWestTacMax
Entries 92078

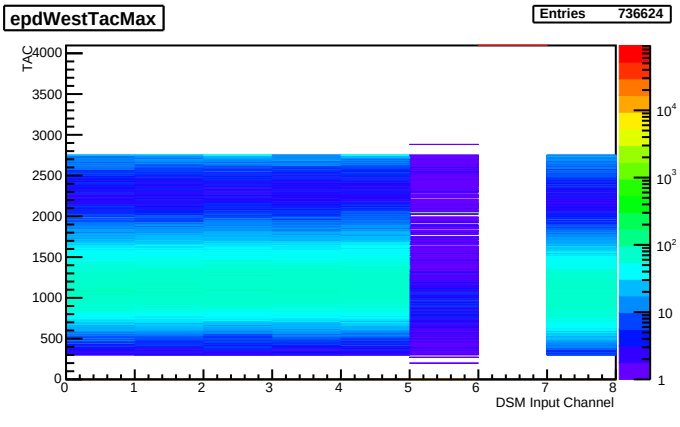

bbcSmallWestTacMaxVsSimu
Entries 80753
Data
Simu

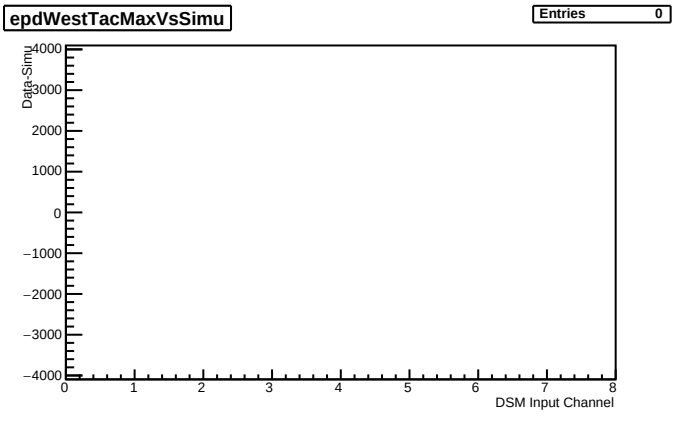

epdEastTacMax
Entries 736624
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 736624
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 736624
TAC
DSM Input Channel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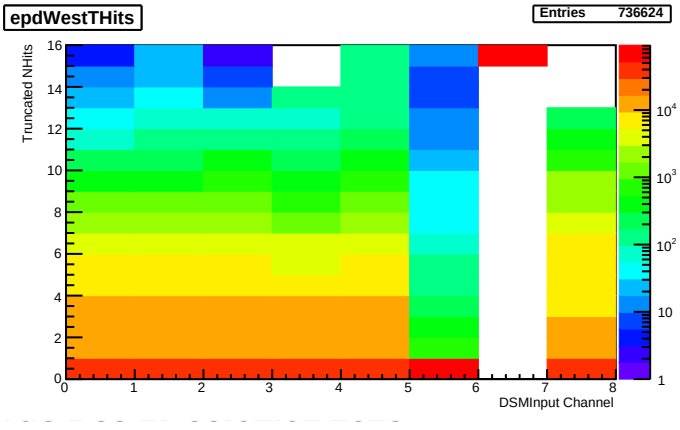
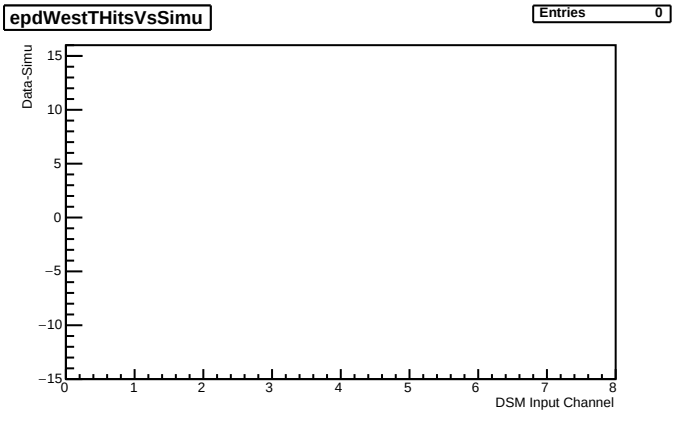
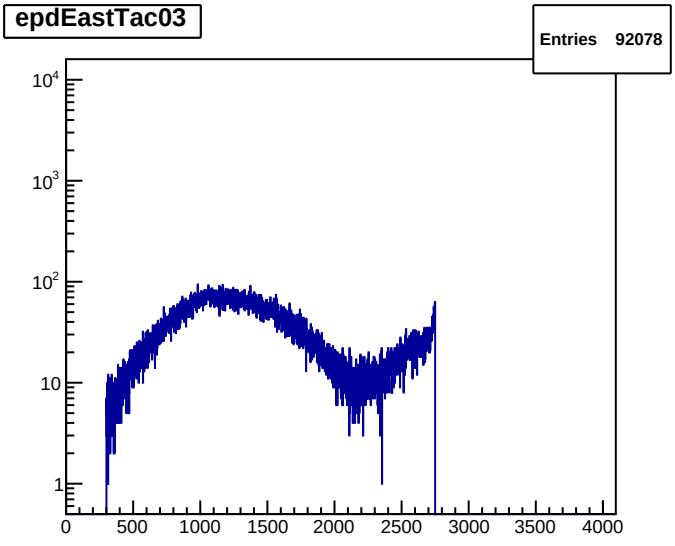
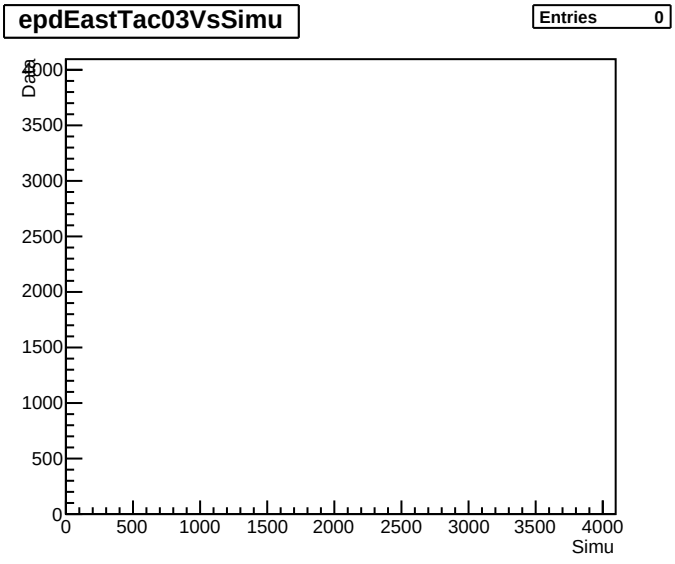
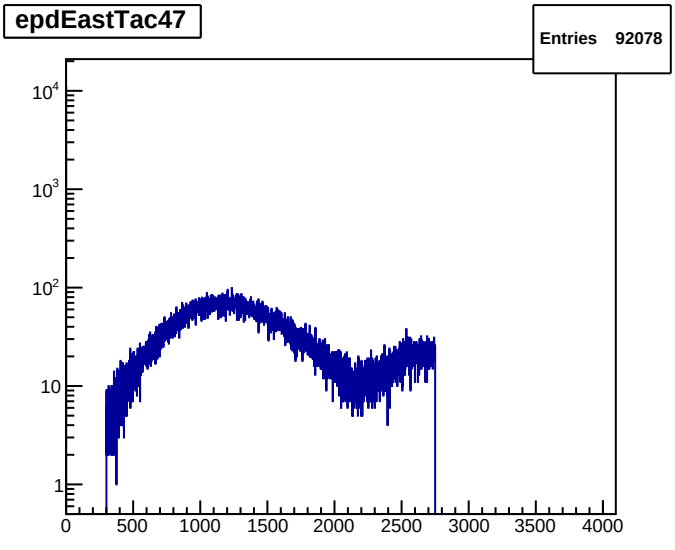
Entries 0
Data-Simu
DSM Input Channel

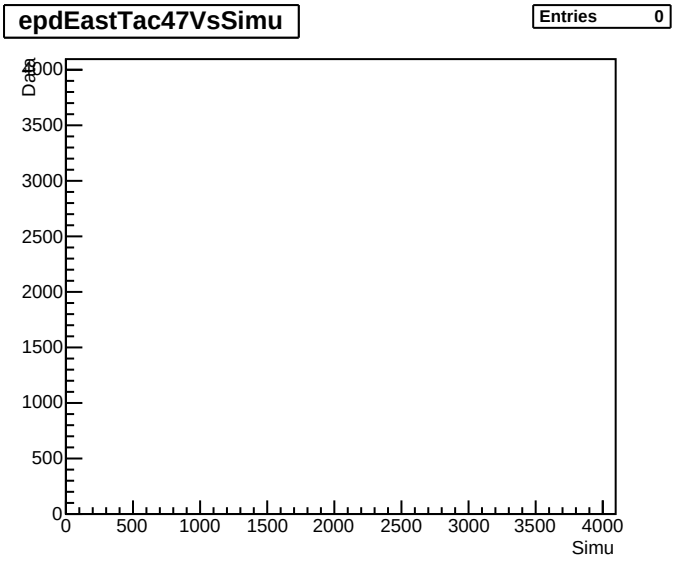

epdWestTHits
Entries 736624
Truncated NHits
DSMInput Channel

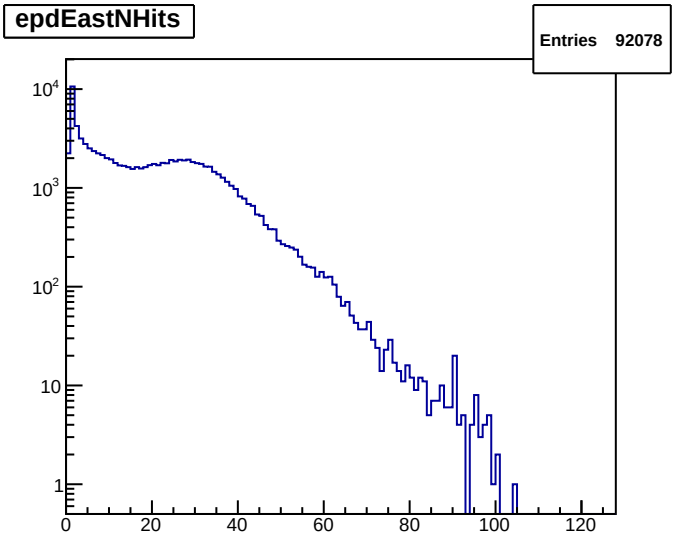

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

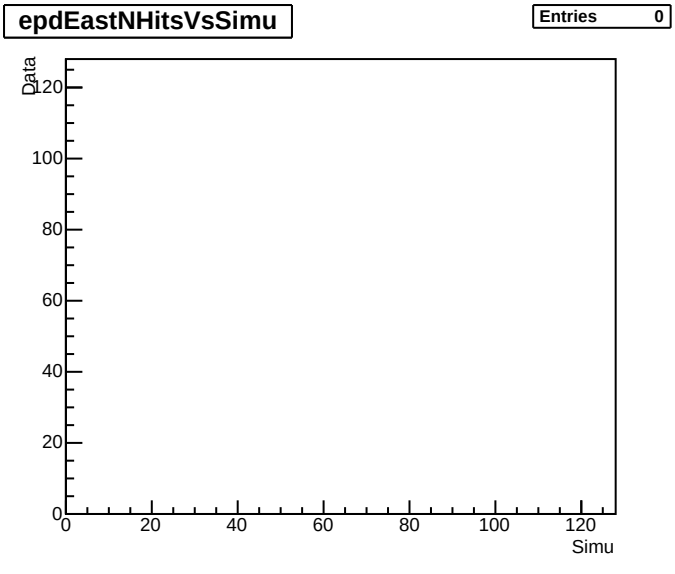

epdEastTac03
Entries 92078


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 92078


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 92078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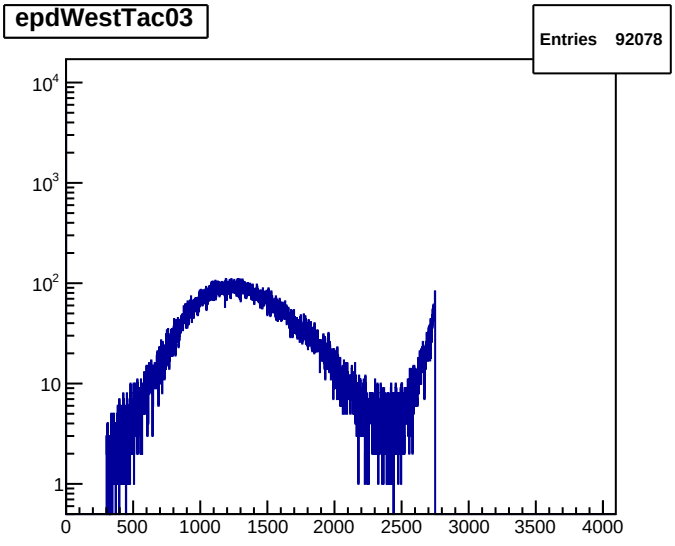
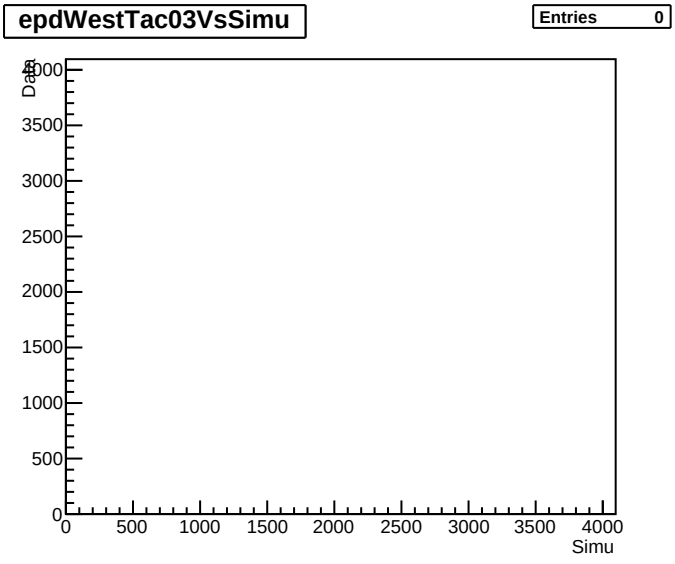
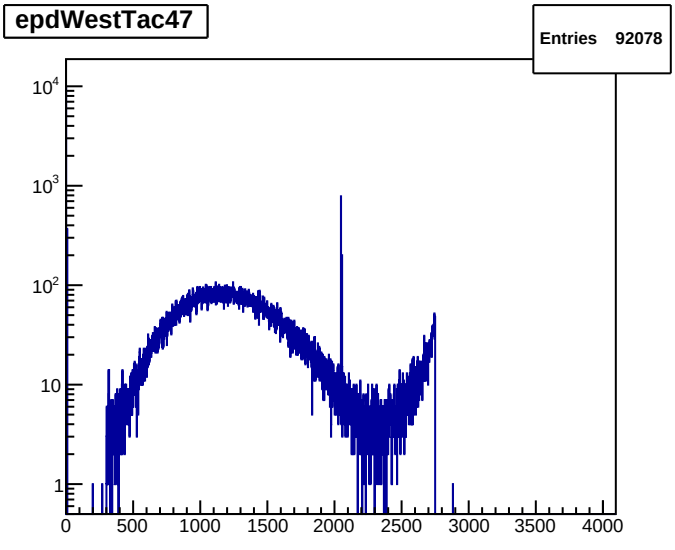
Entries 0
Data
Simu


epdWestTac03
Entries 92078


epdWestTac03VsSimu
Entries 0
Data
Simu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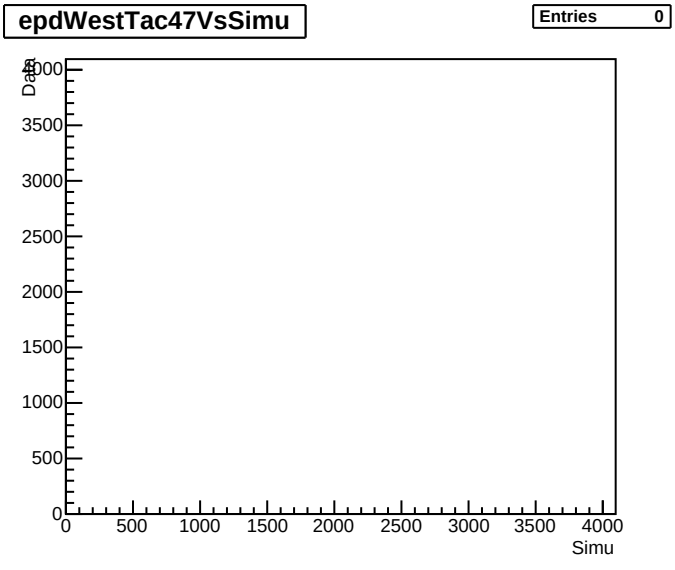
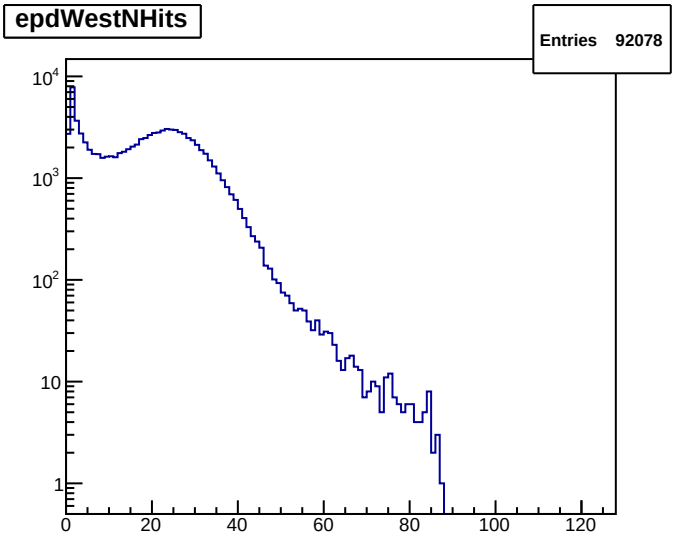
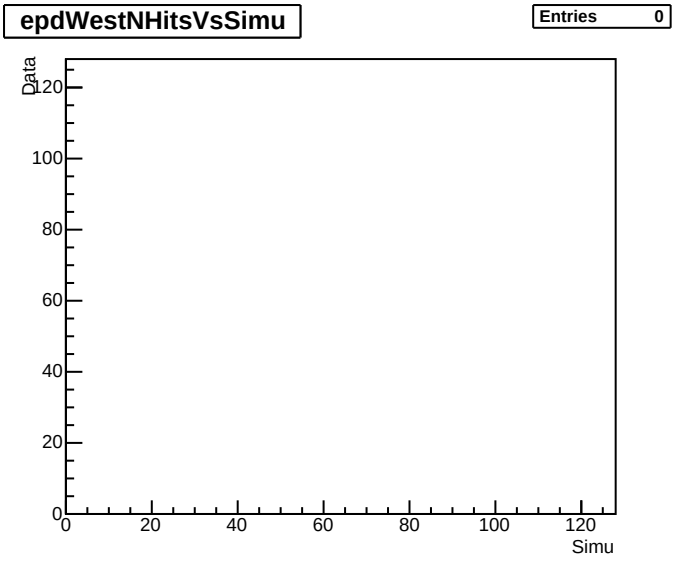
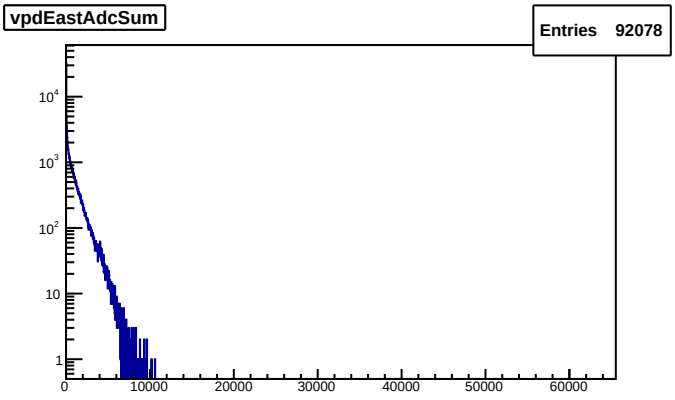
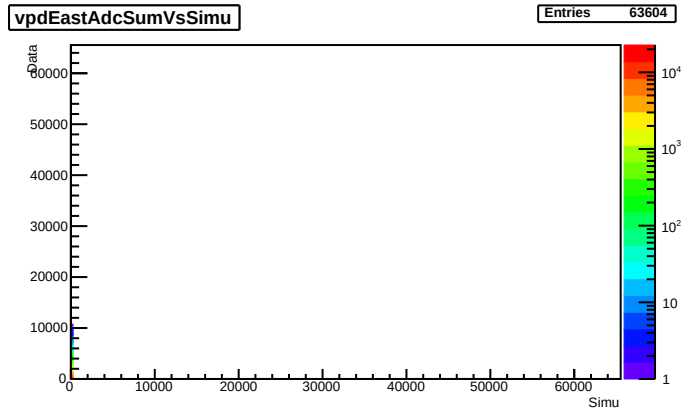
Entries 92078

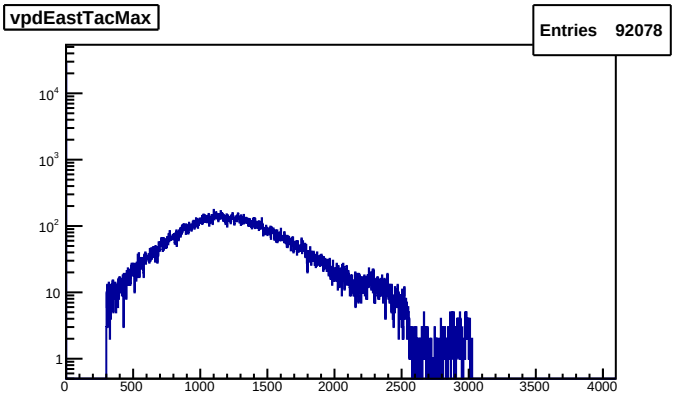

epdWestTac47VsSimu
Entries 0
Data
Simu

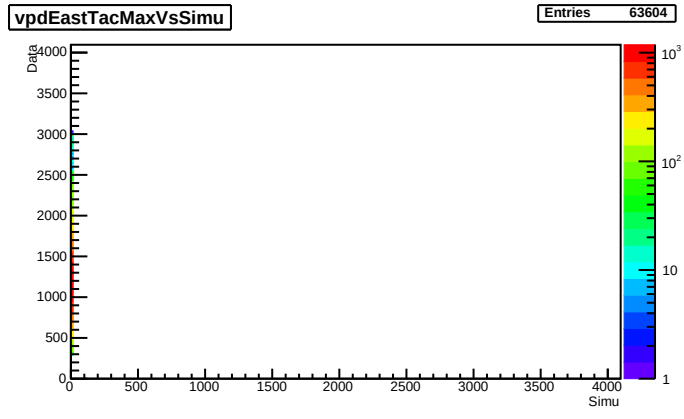

epdWestNHits
Entries 92078

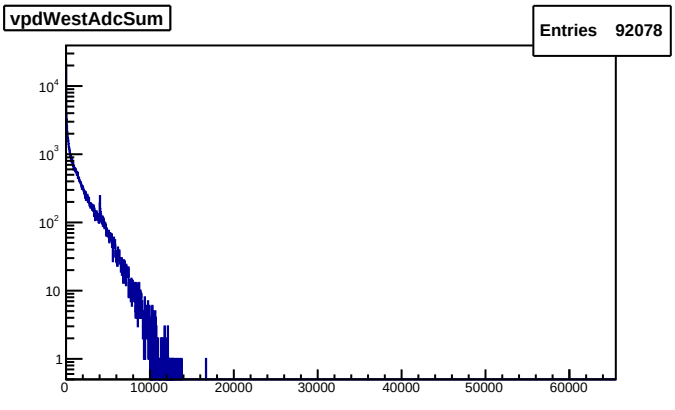

epdWestNHitsVsSimu
Entries 0
Data
Simu

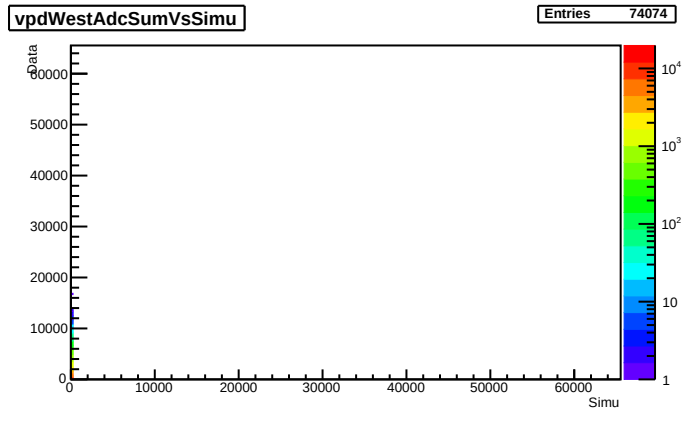

vpdEastAdcSum
Entries 92078

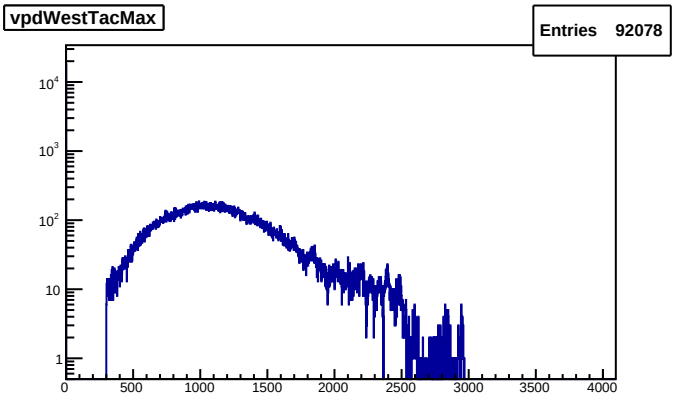

vpdEastAdcSumVsSimu
Entries 63604
Data
Simu

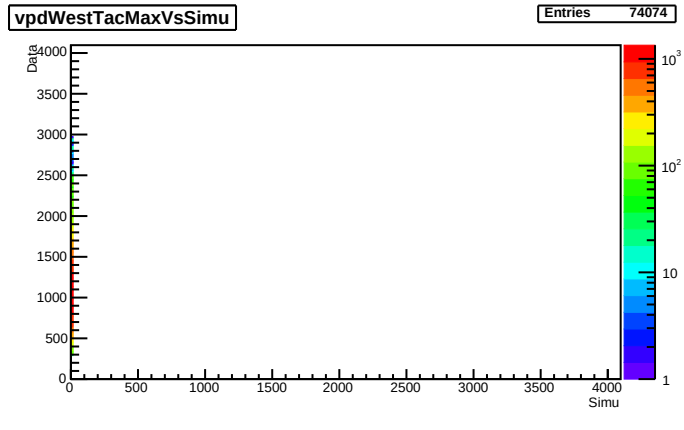

vpdEastTacMax
Entries 92078

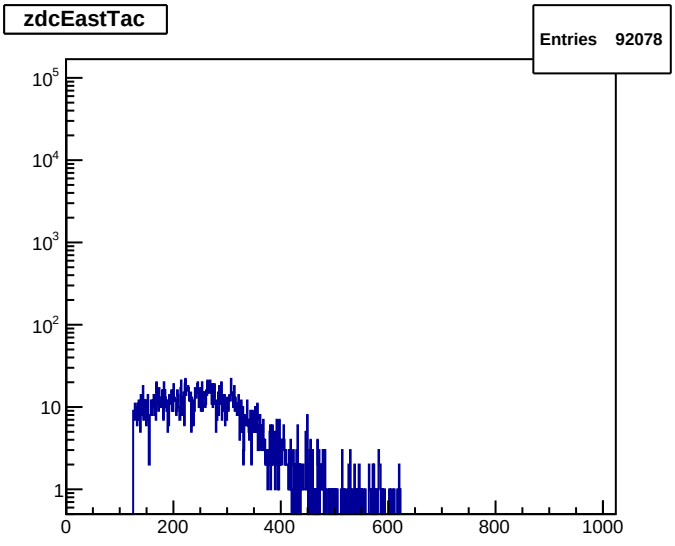

vpdEastTacMaxVsSimu
Entries 63604
Data
Simu

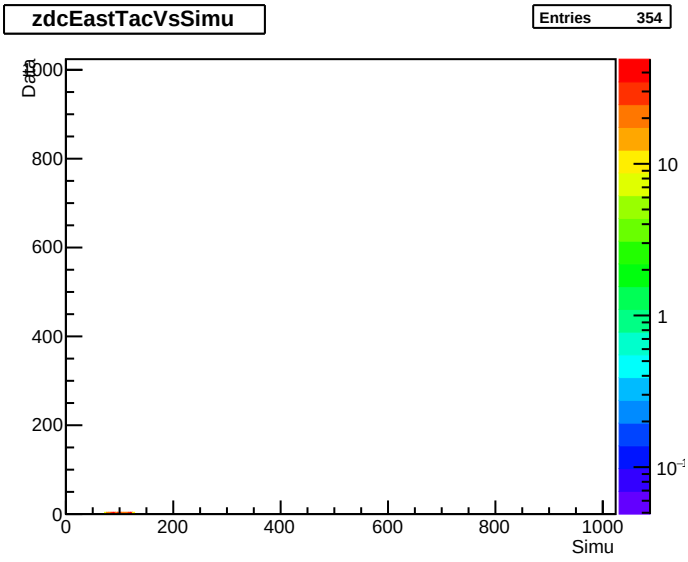

vpdWestAdcSum
Entries 92078

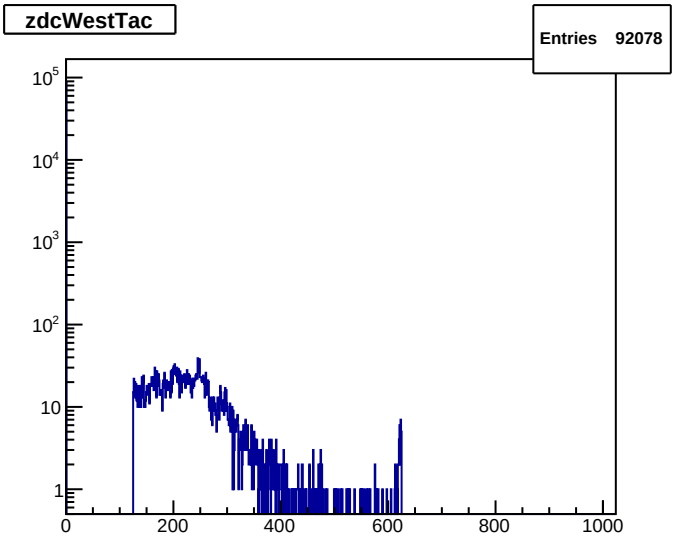

vpdWestAdcSumVsSimu
Entries 74074
Data
Simu

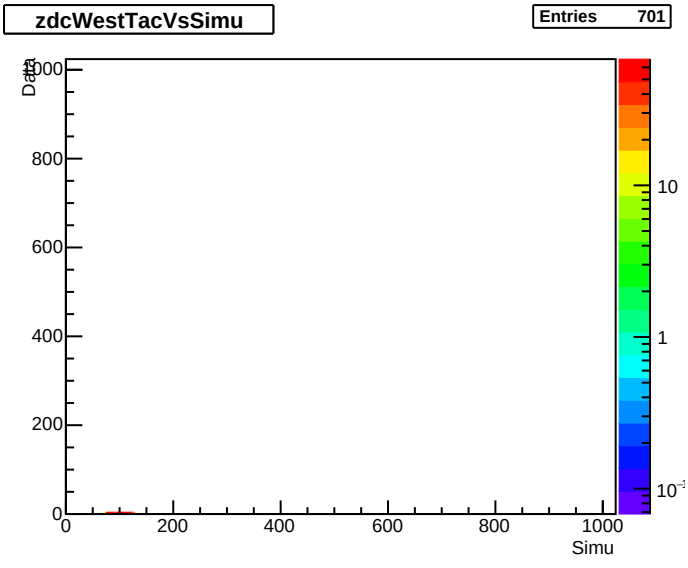

vpdWestTacMax
Entries 92078

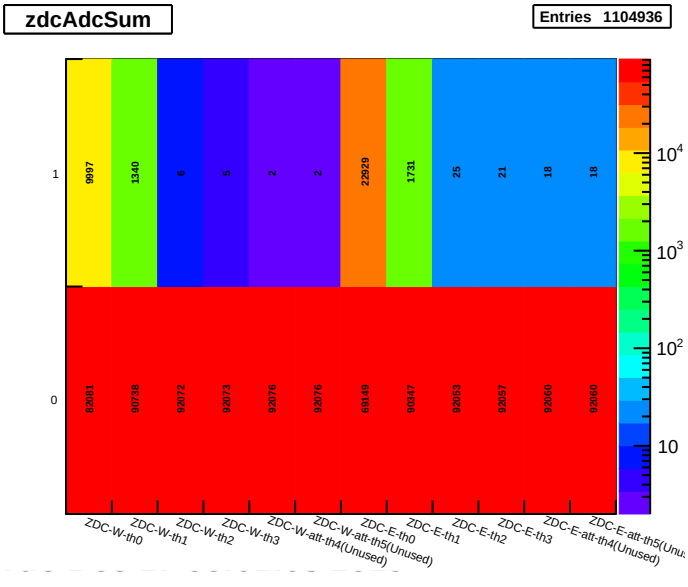

vpdWestTacMaxVsSimu
Entries 74074
Data
Simu

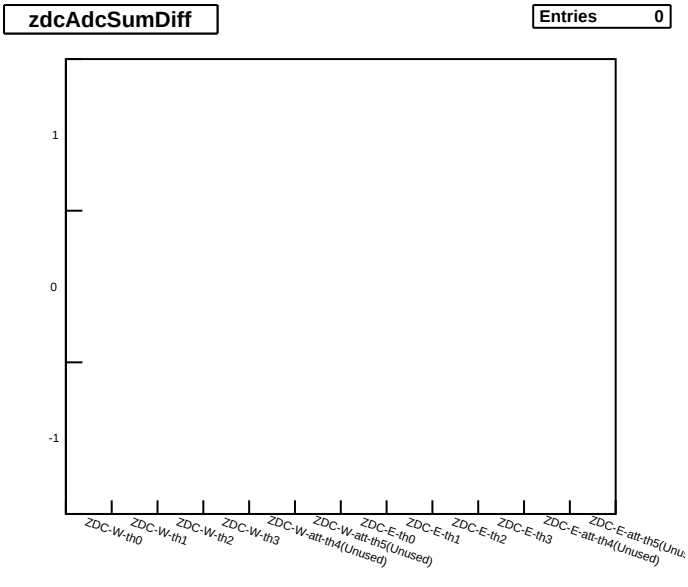

zdcEastTac
Entries 92078

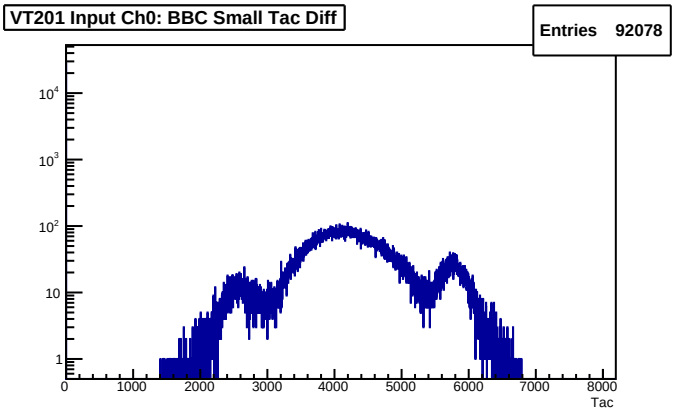

zdcEastTacVsSimu
Entries 354
Data
Simu

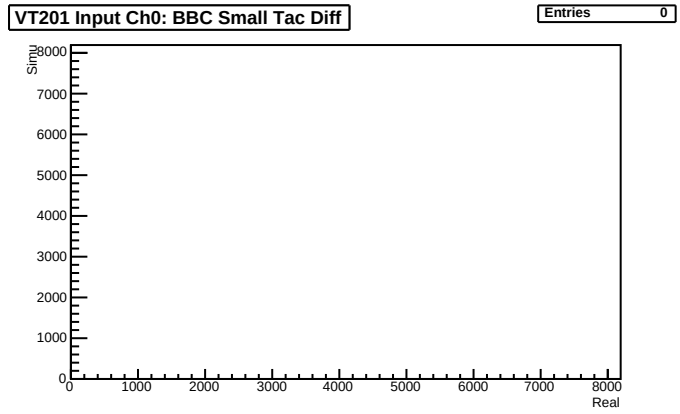

zdcWestTac
Entries 92078

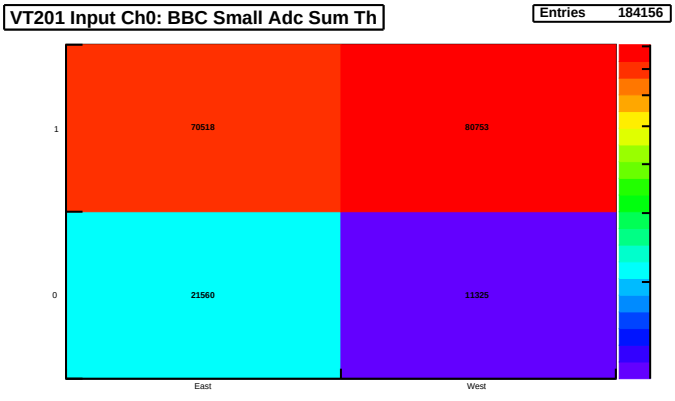

zdcWestTacVsSimu
Entries 701
Data
Simu

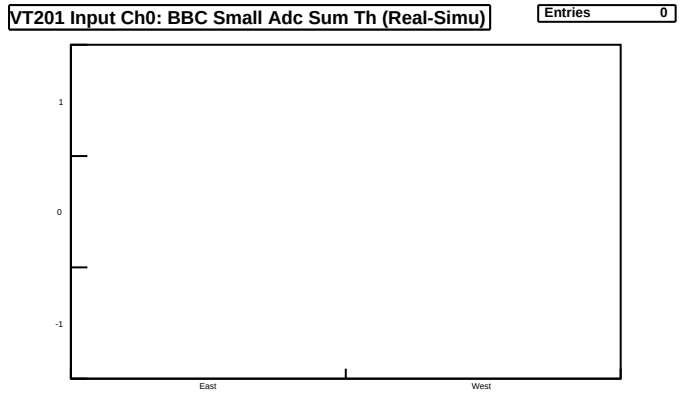

zdcAdcSum
Entries 1104936
9997
1340
6
5
2
2
22929
1731
25
21
18
18
92081
90738
92072
92073
92076
92076
69149
90347
92053
92057
92060
92060
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

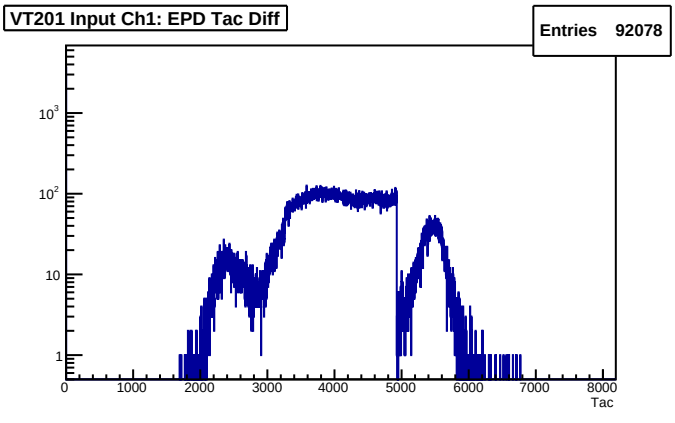

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

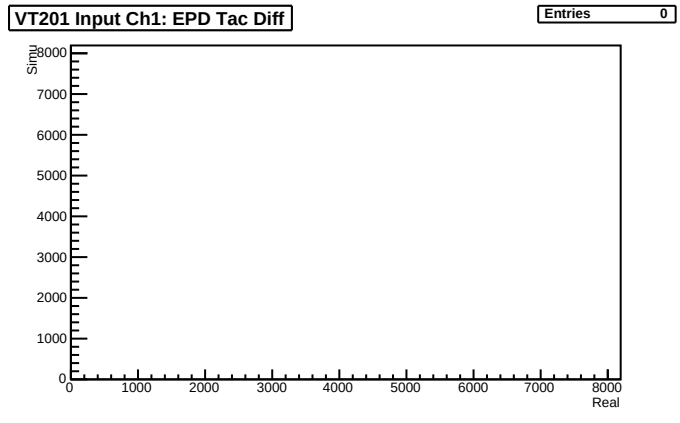

VT201 Input Ch0: BBC Small Tac Diff
Entries 92078
Tac

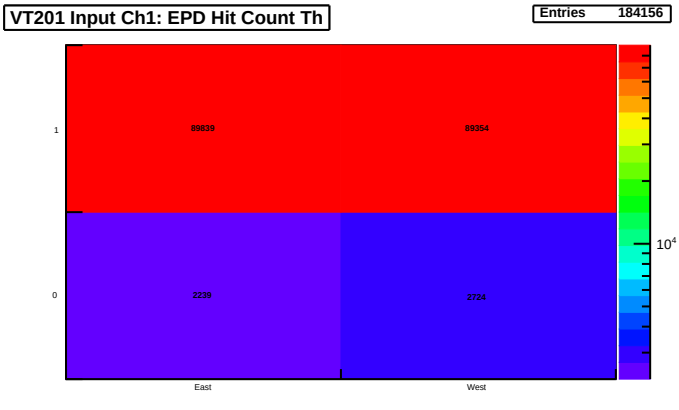

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

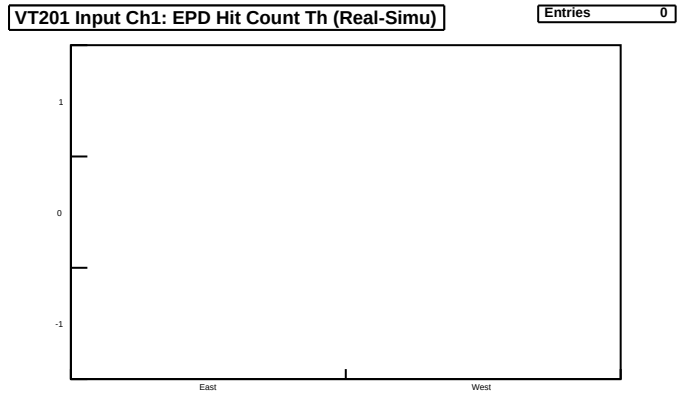

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 184156
70518
80753
21560
11325
East
West

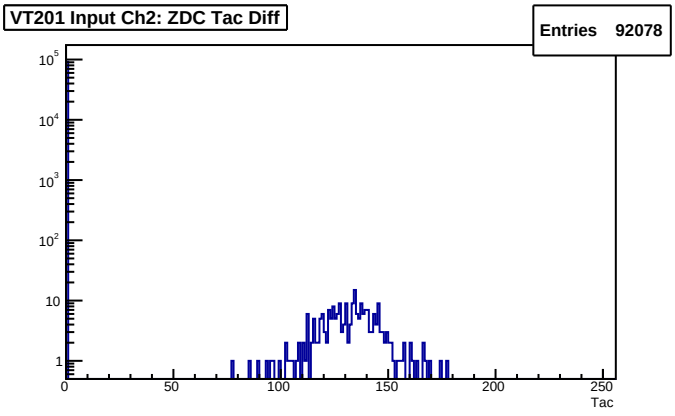

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

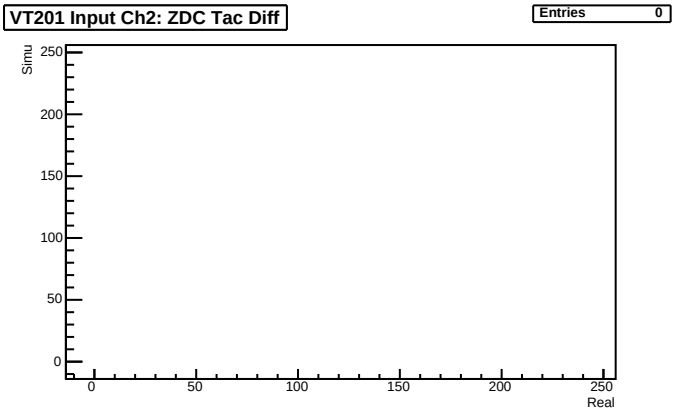

VT201 Input Ch1: EPD Tac Diff
Entries 92078
Tac

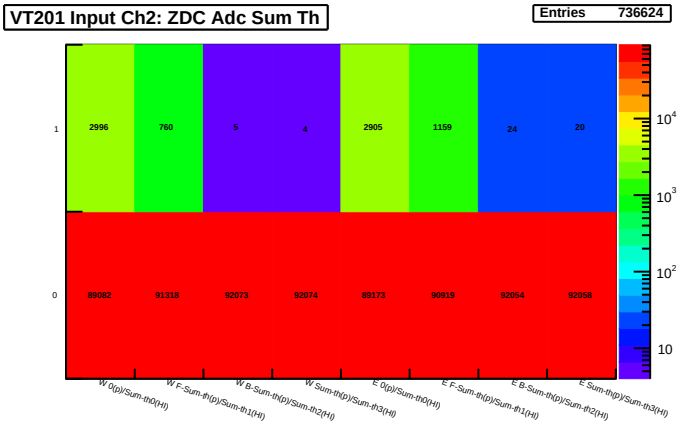

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

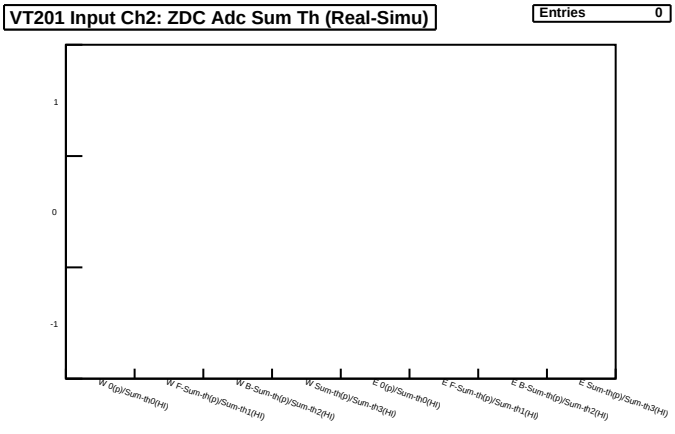

VT201 Input Ch1: EPD Hit Count Th
Entries 184156
89839
89354
2239
2724
East
West

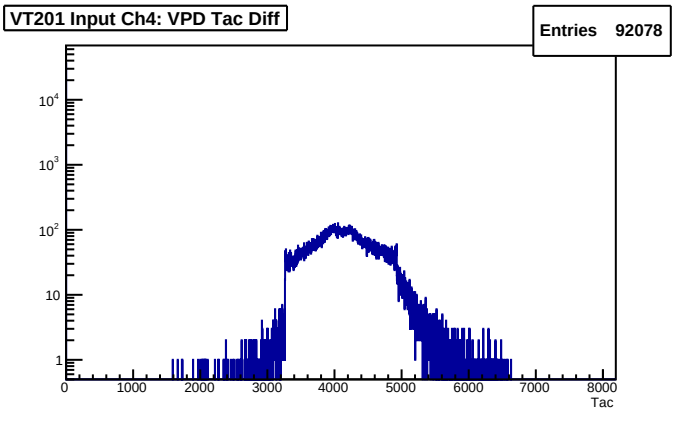

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

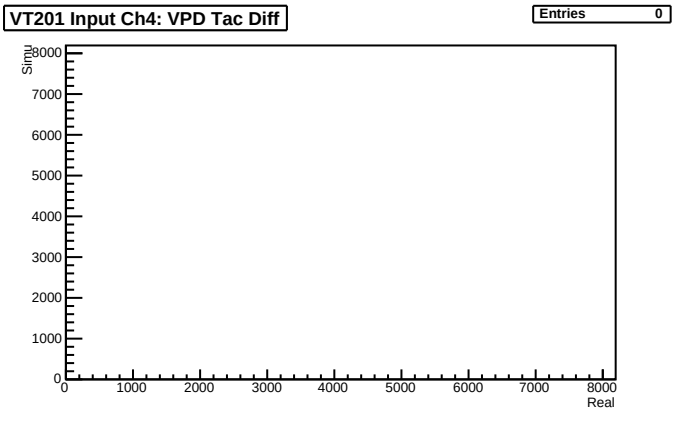

VT201 Input Ch2: ZDC Tac Diff
Entries 92078
Tac

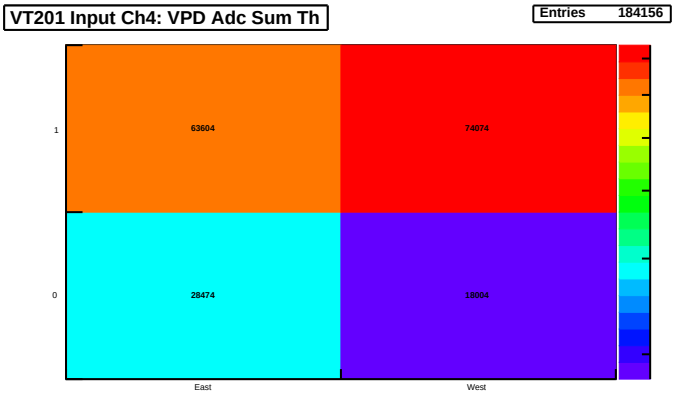

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

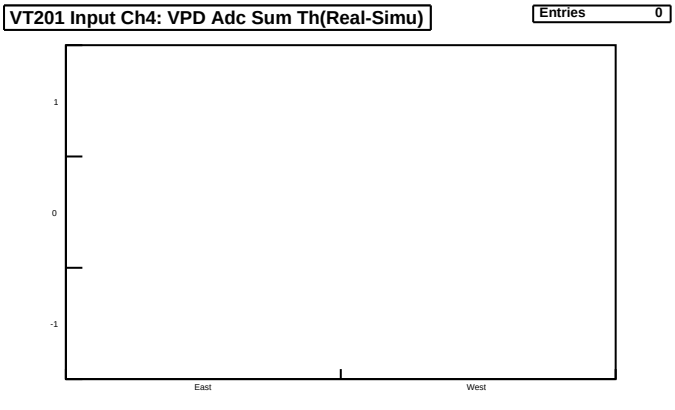

VT201 Input Ch2: ZDC Adc Sum Th
Entries 736624
2996
760
5
4
2905
1159
24
20
89082
91318
92073
92074
89173
90919
92054
92058
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

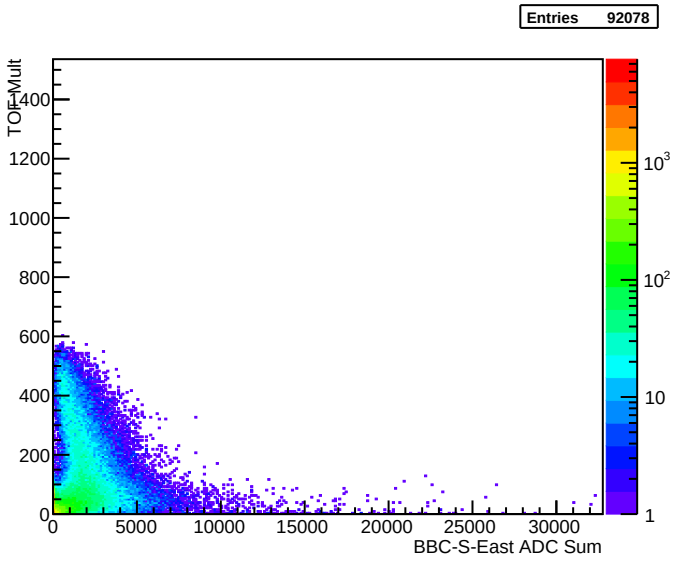

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

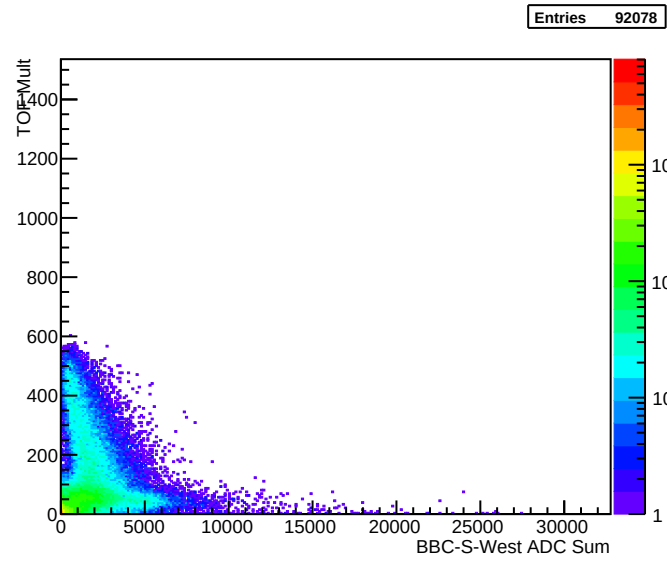

VT201 Input Ch4: VPD Tac Diff
Entries 92078
Tac

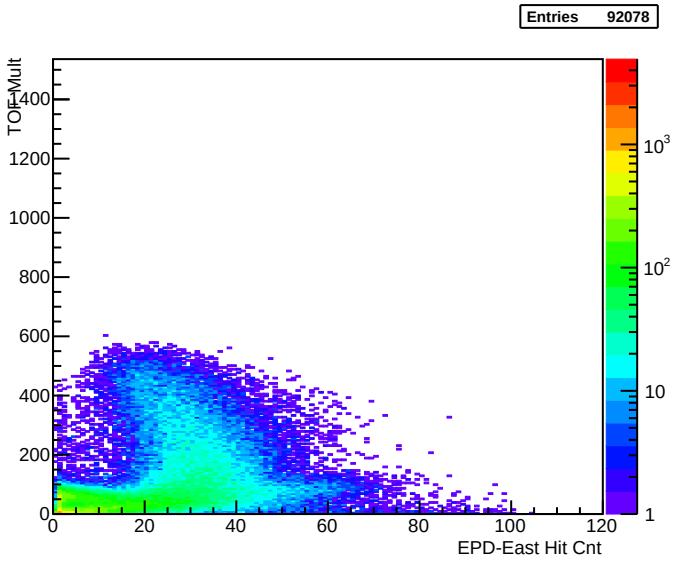

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

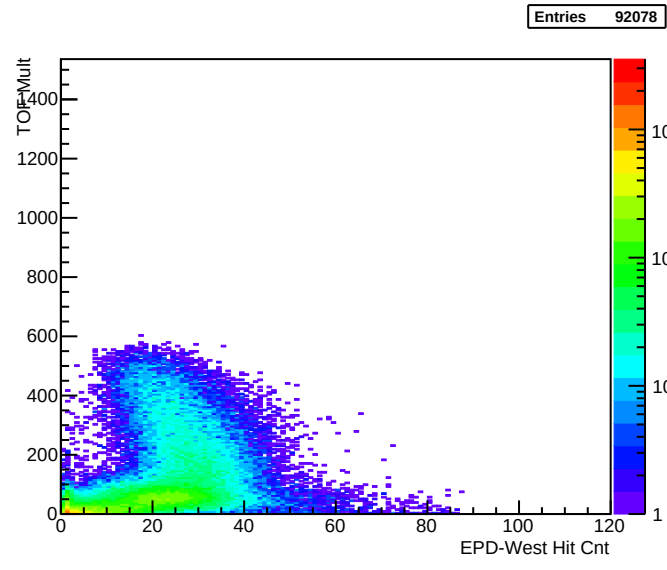

VT201 Input Ch4: VPD Adc Sum Th
Entries 184156
63604
74074
28474
18004
East
West

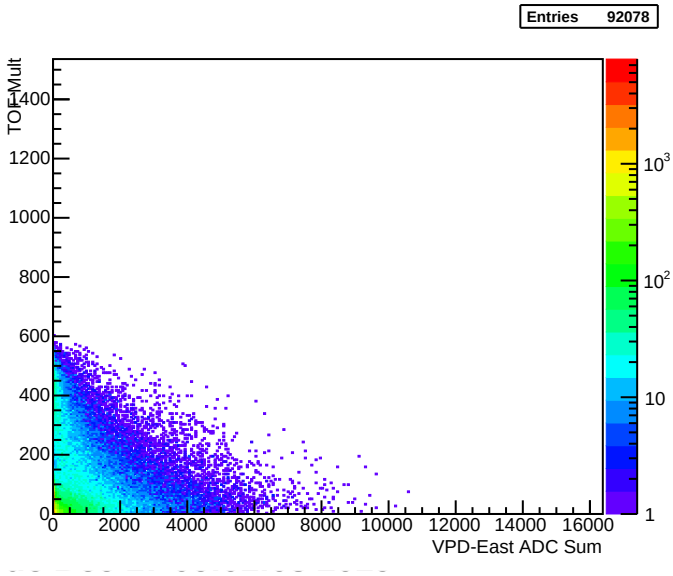

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

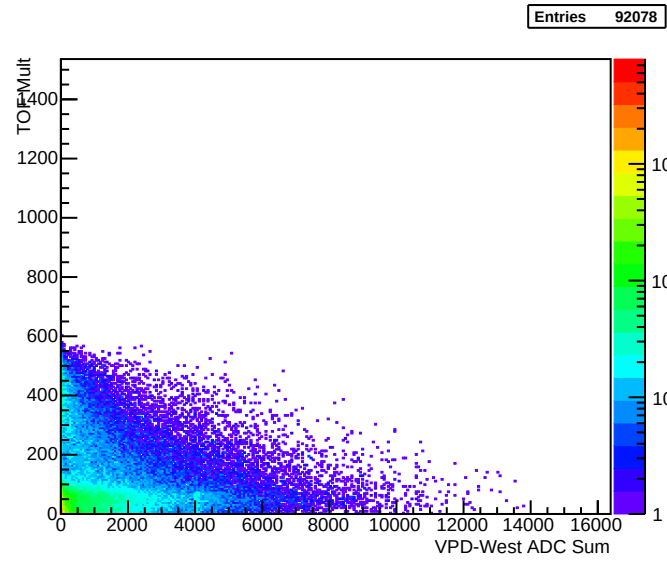

Entries 92078
TOF-Mult
BBC-S-East ADC Sum

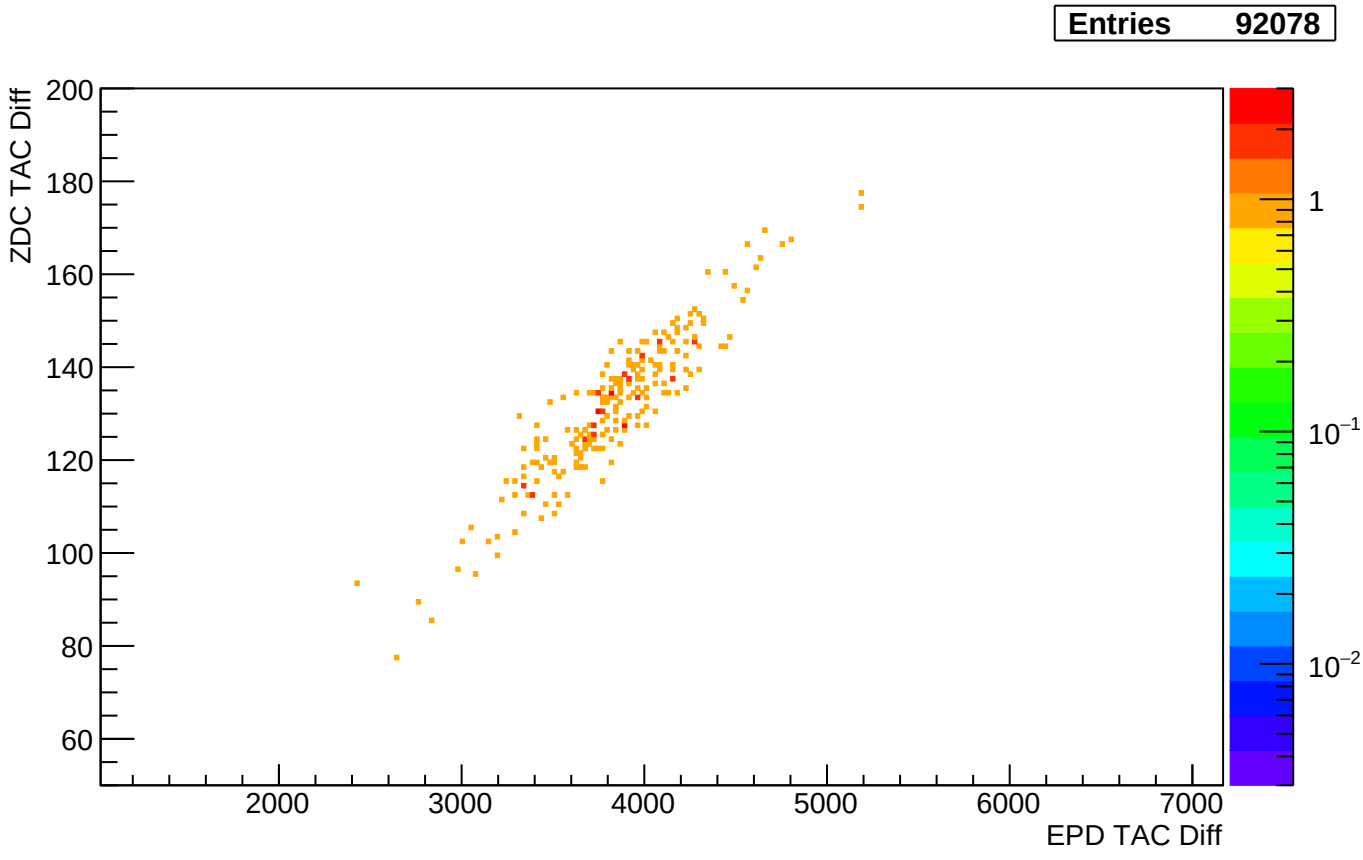

Entries 92078
TOF-Mult
BBC-S-West ADC Sum

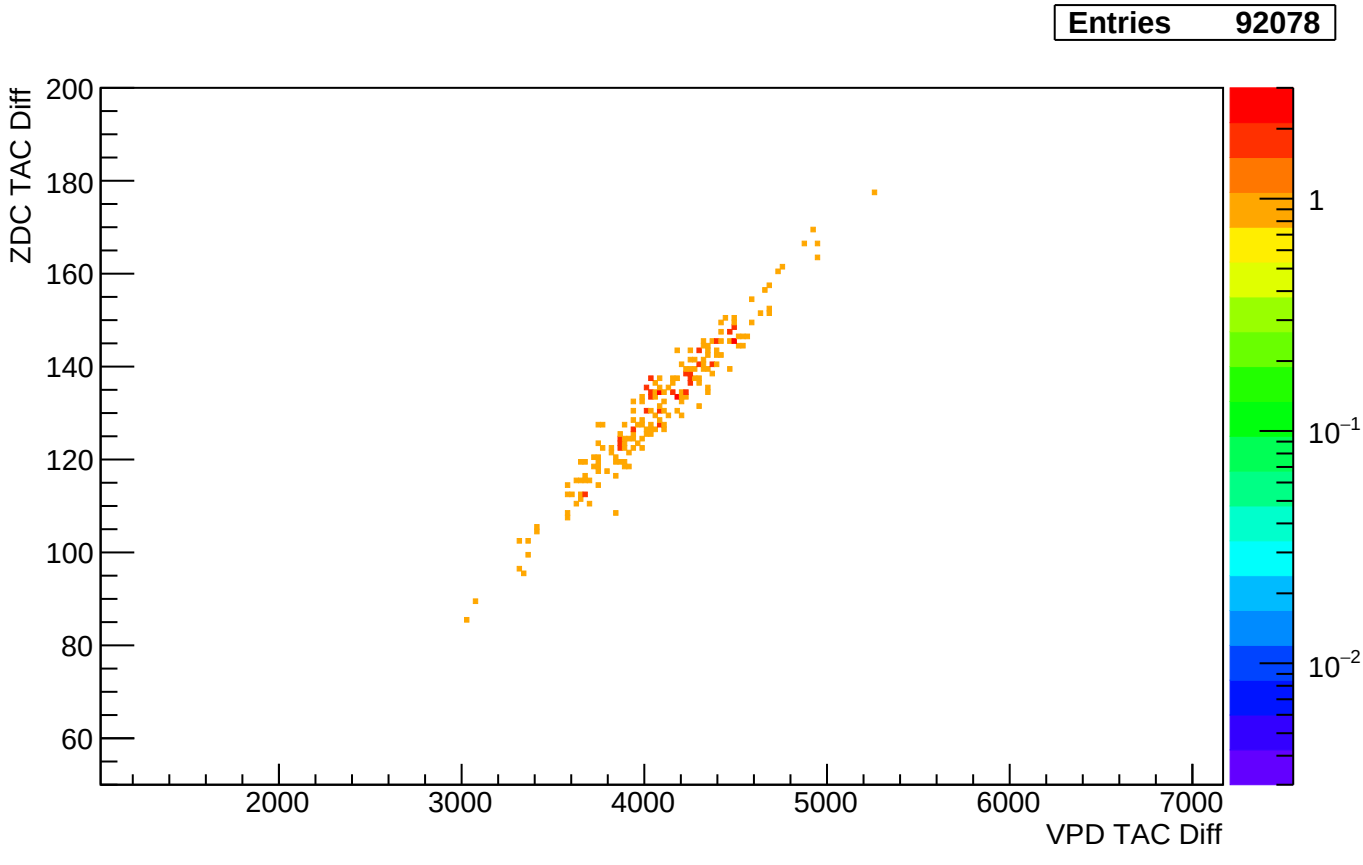

Entries 92078
TOF-Mult
EPD-East Hit Cnt

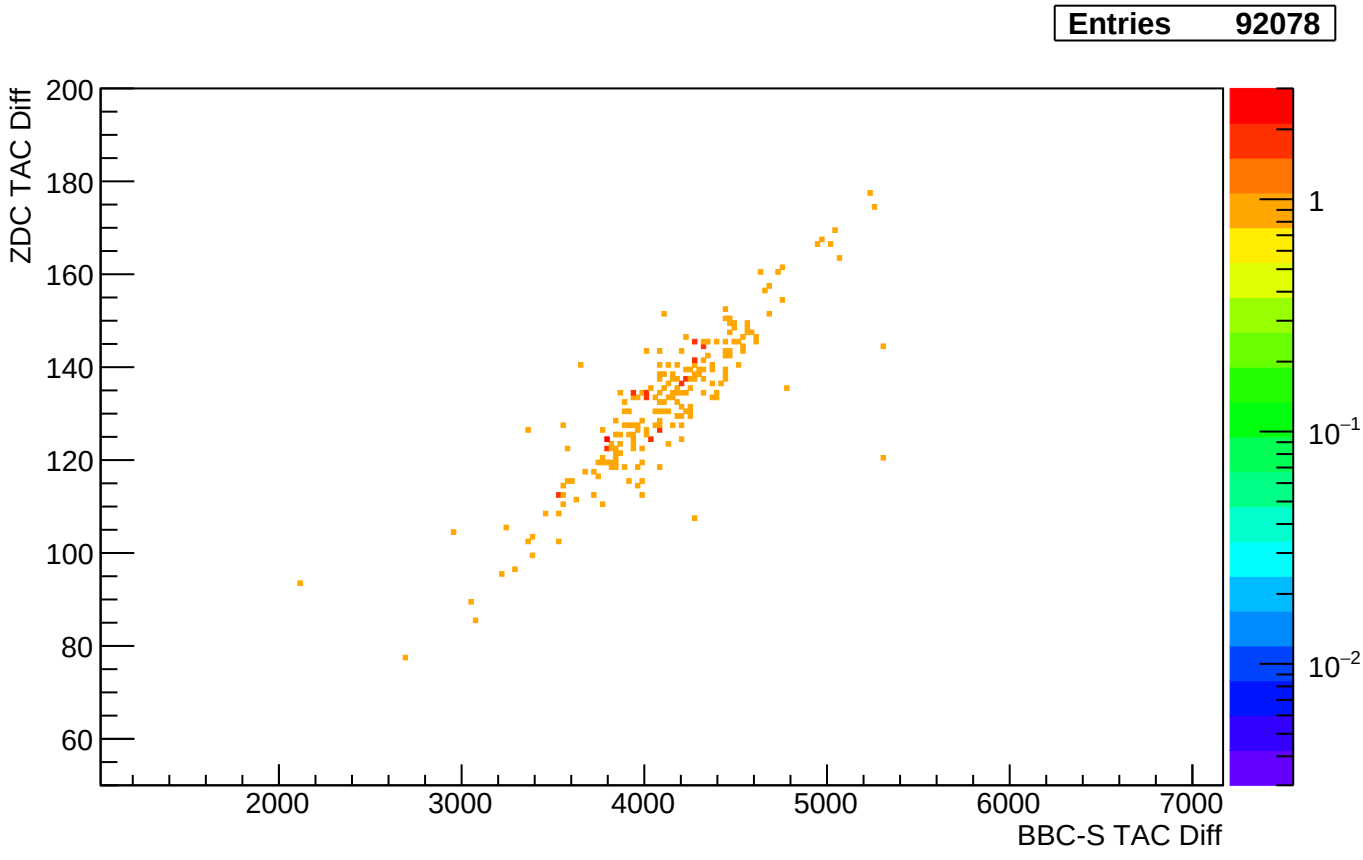

Entries 92078
TOF-Mult
EPD-West Hit Cnt

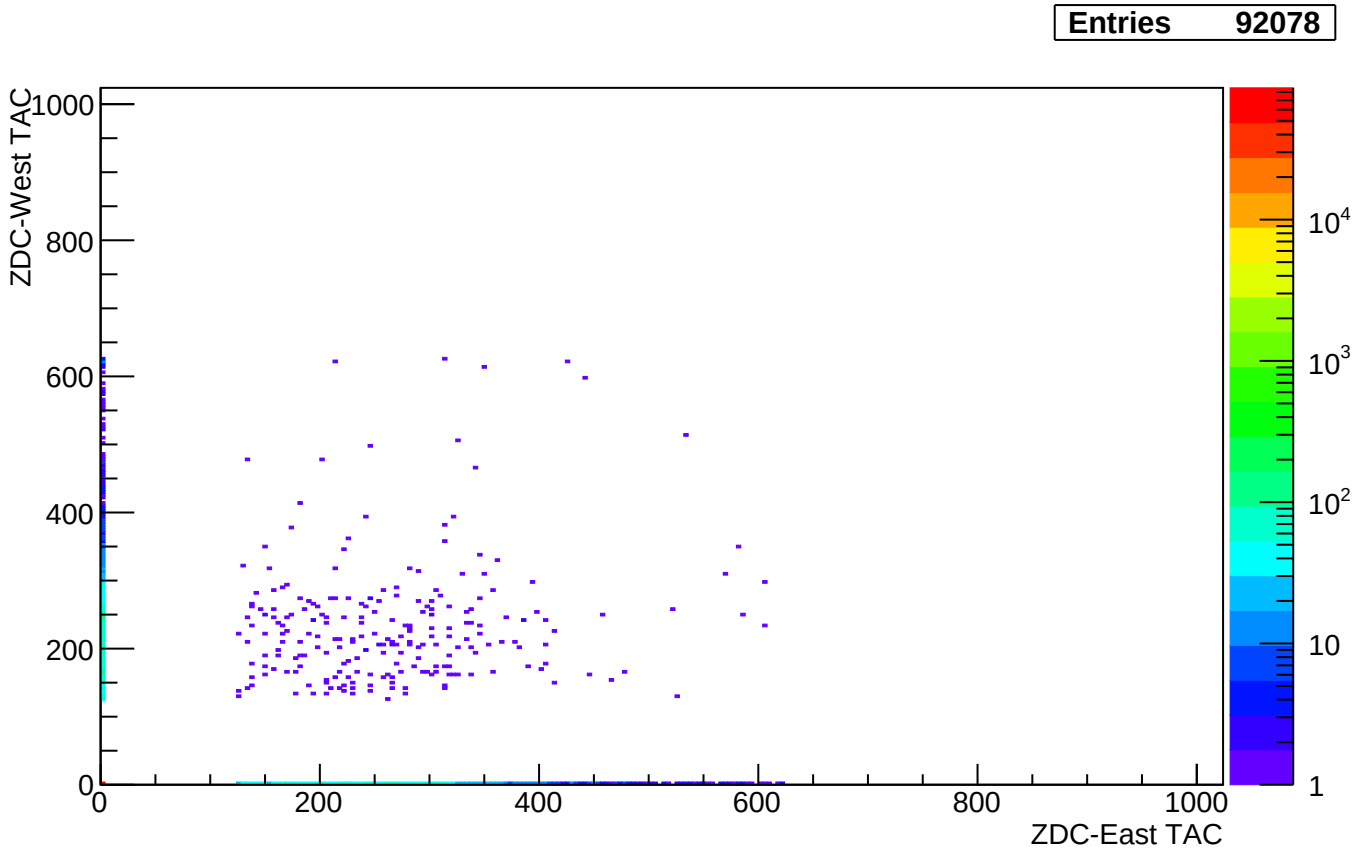

Entries 92078
TOF-Mult
VPD-East ADC Sum

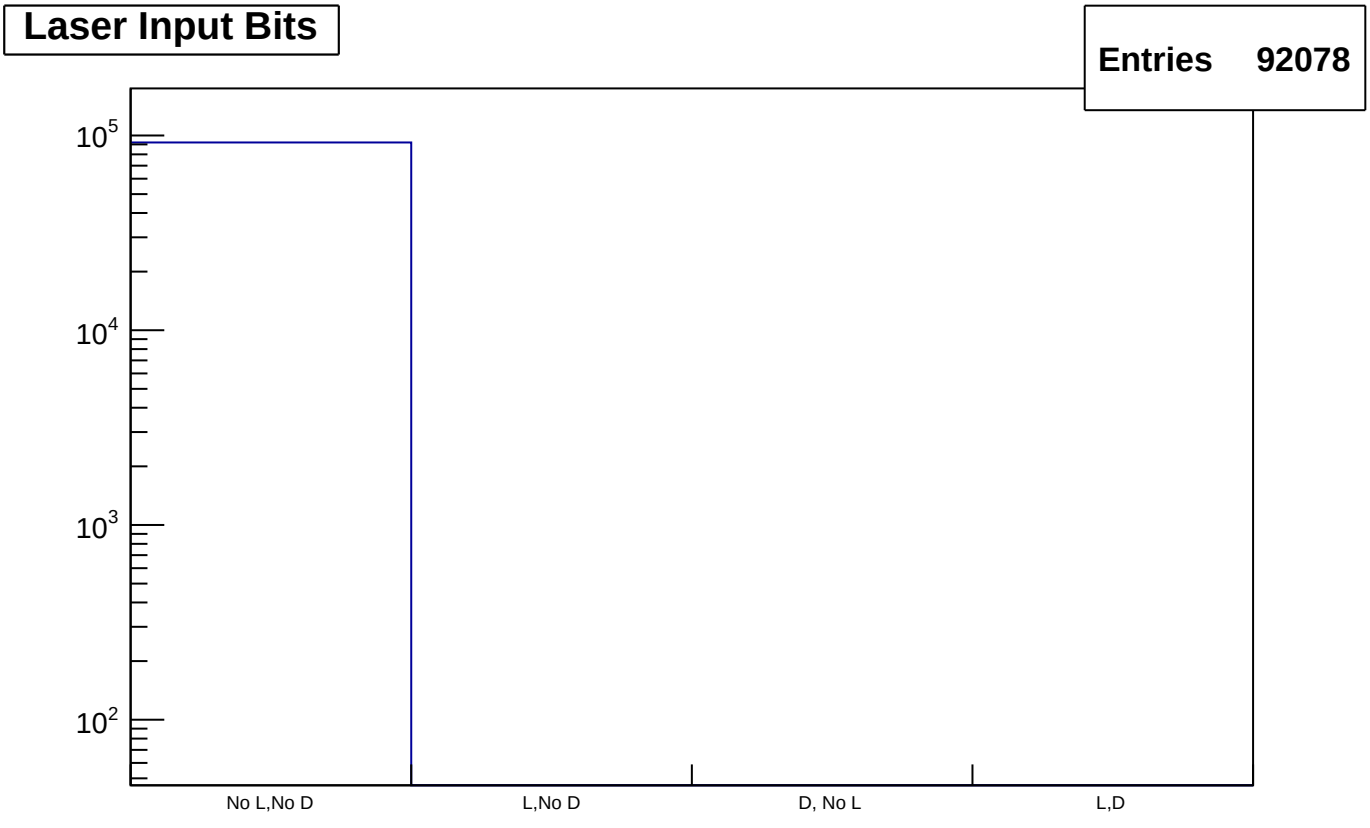

Entries 92078
TOF-Mult
VPD-West ADC Sum

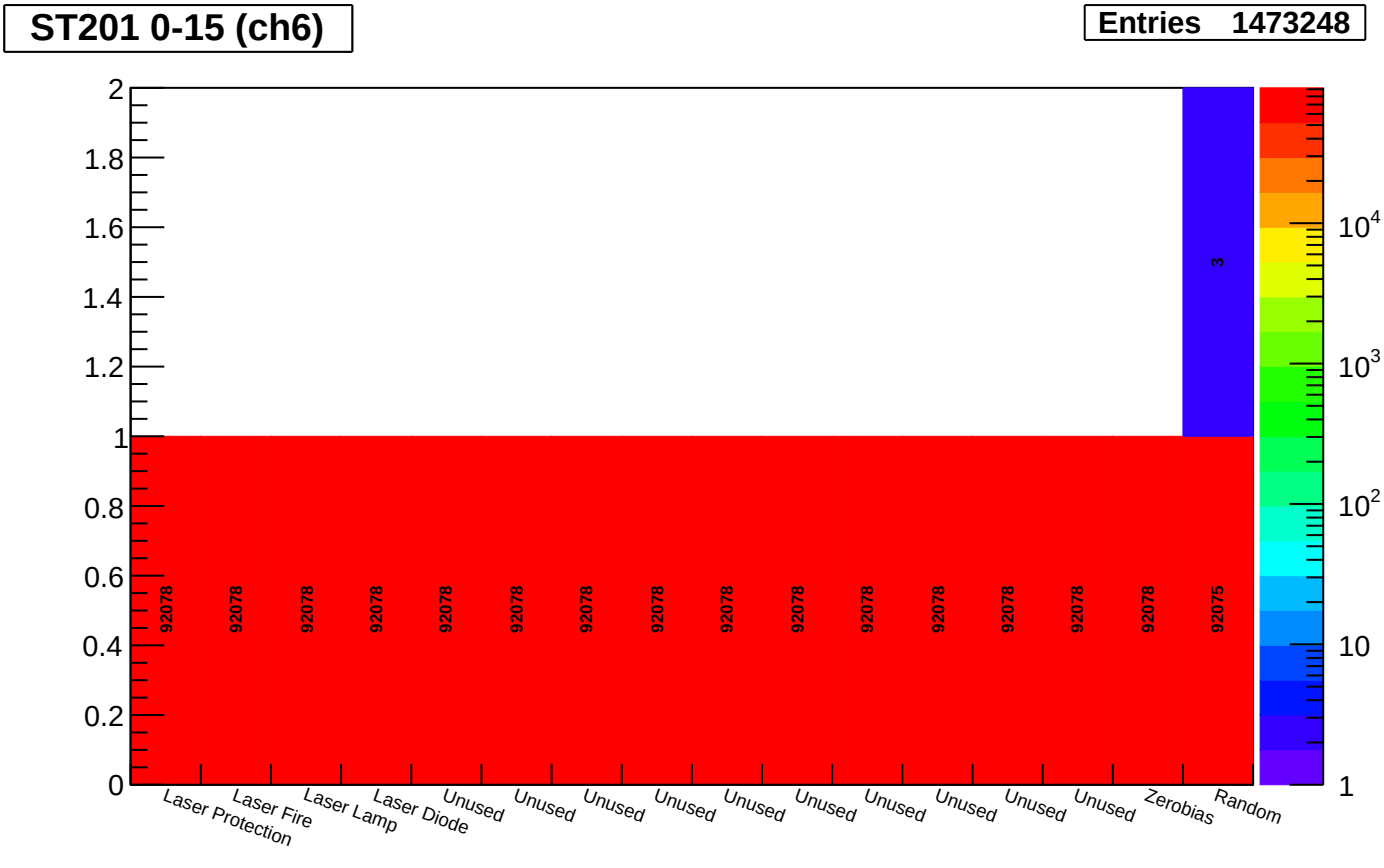

Entries 92078
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

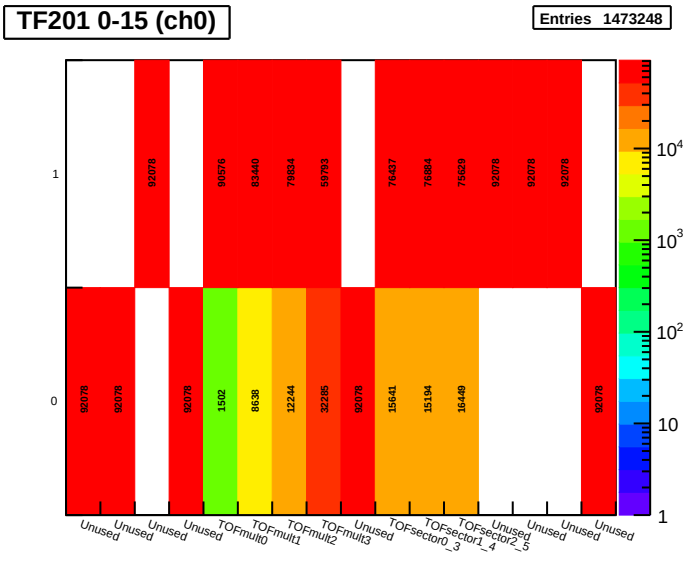

Entries 92078
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

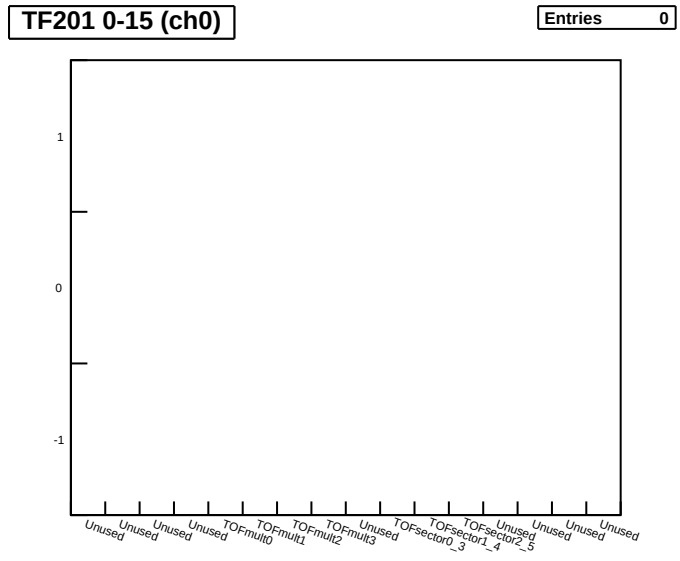

Entries 92078
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

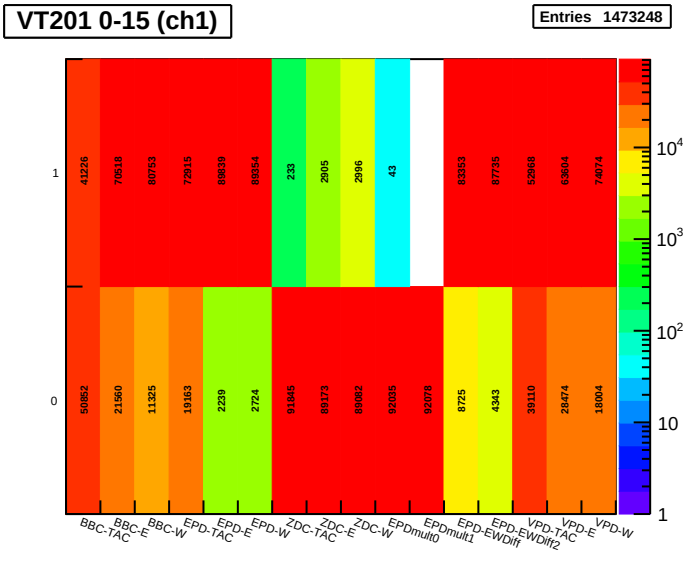

Entries 92078
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

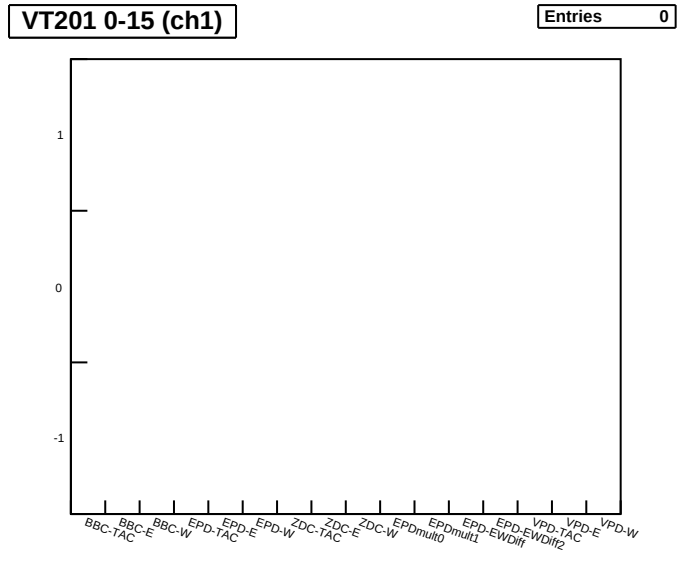

Laser Input Bits
Entries 92078
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

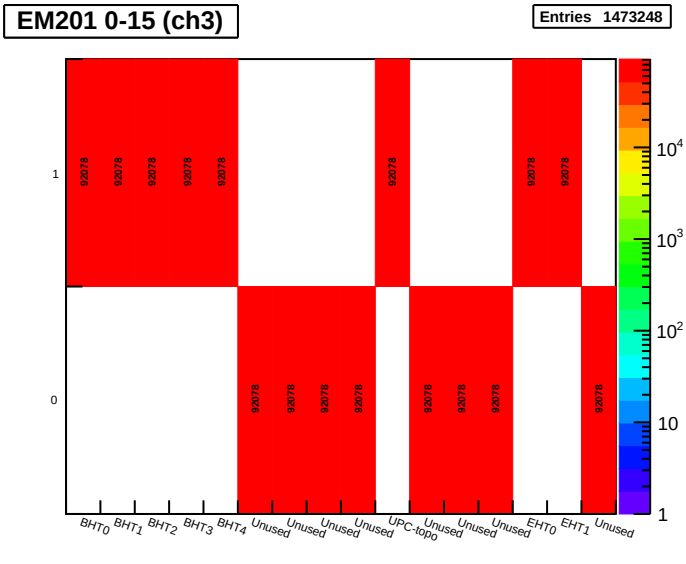

ST201 0-15 (ch6)
Entries 1473248
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3
92078
92075
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

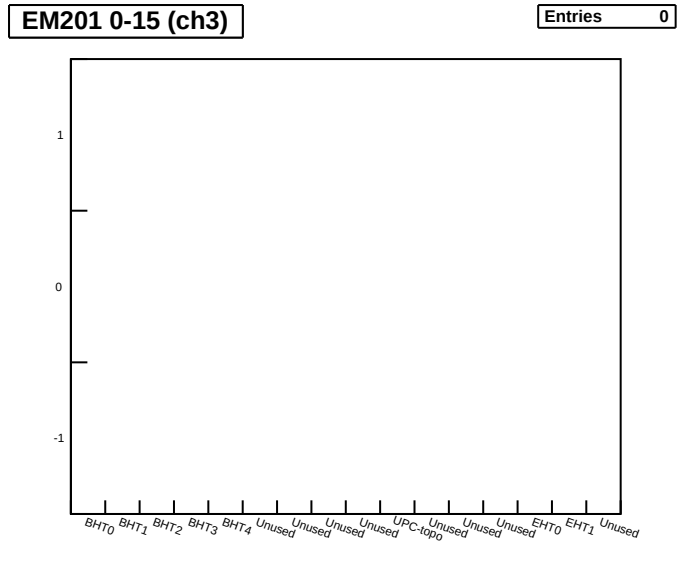

TF201 0-15 (ch0)
Entries 1473248
1
0
92078
90576
83440
79834
59793
76437
76884
75629
92078
92078
92078
92078
92078
1502
8638
12244
32285
92078
15641
15194
16449
92078
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 1473248
1
0
41226
70518
80753
72915
88639
83954
233
2905
2996
43
83353
87735
52968
63604
74074
50852
21560
11325
19163
2239
2724
91845
89173
89082
92035
92078
8725
4343
39110
28474
18004
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
10^4
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 1473248
1
0
92078
92078
92078
92078
92078
92078
92078
92078
92078
92078
92078
92078
92078
92078
92078
92078
92078
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1