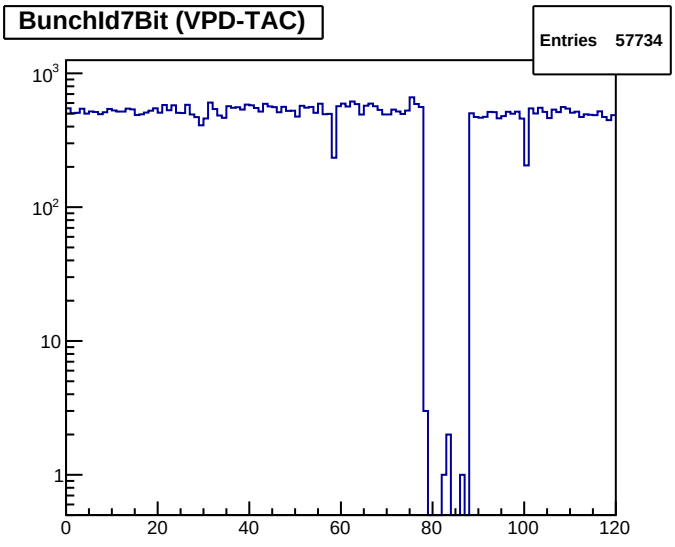
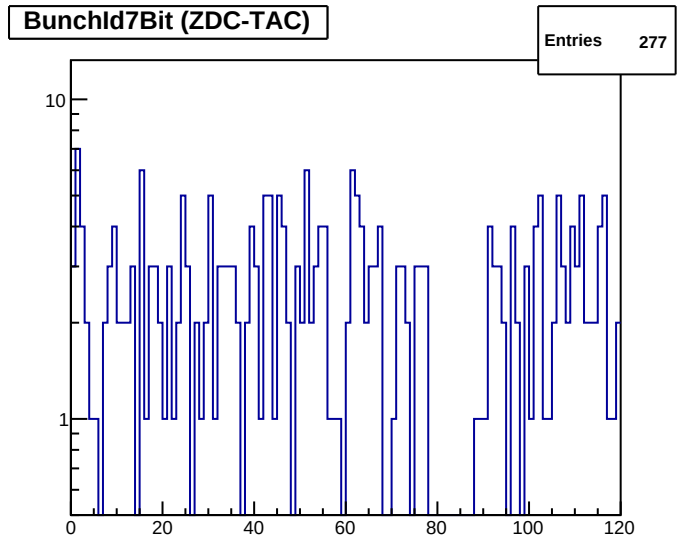
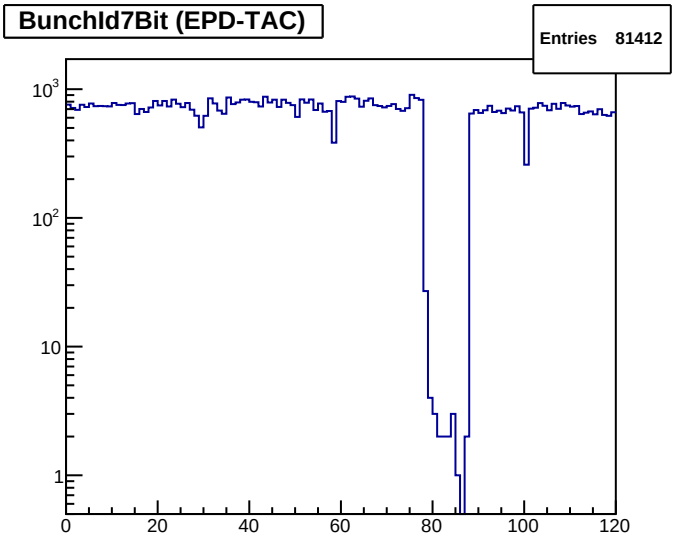
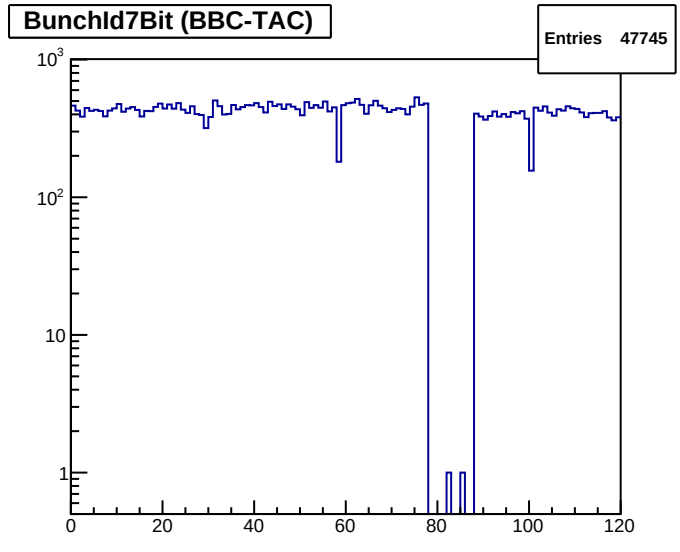
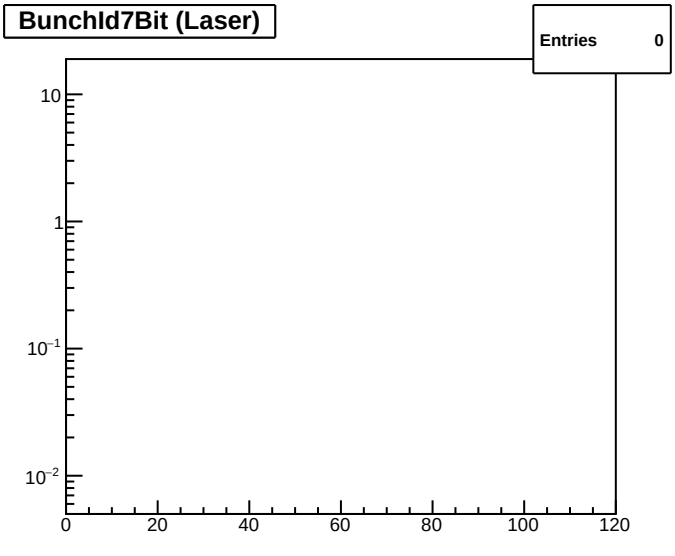
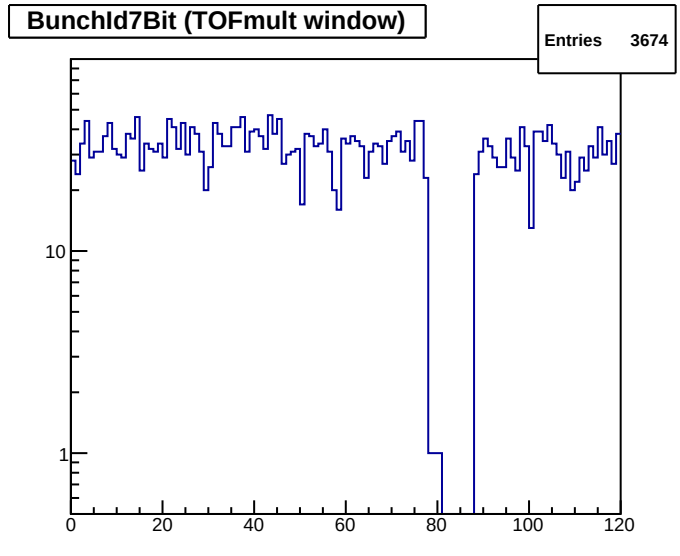

BunchId7Bit (VPD-TAC)
Entries 57734

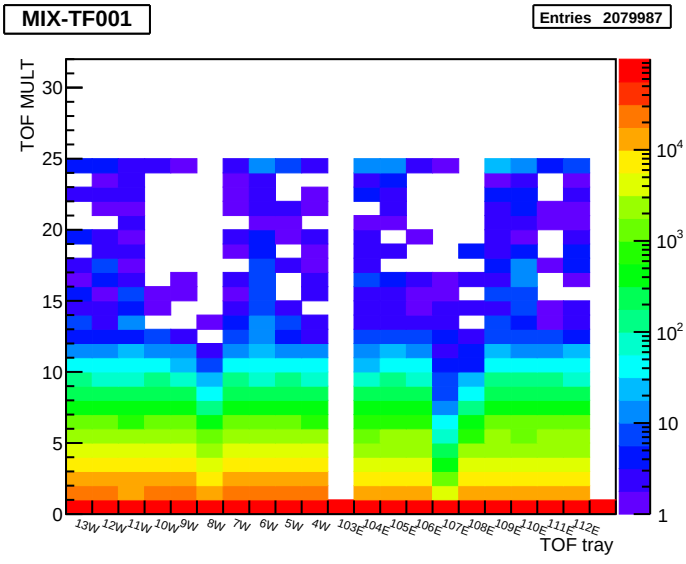

BunchId7Bit (ZDC-TAC)
Entries 277

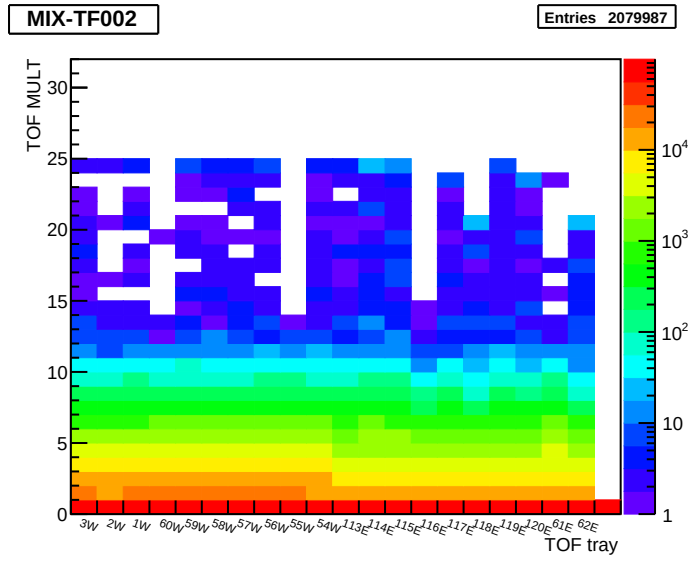

BunchId7Bit (EPD-TAC)
Entries 81412

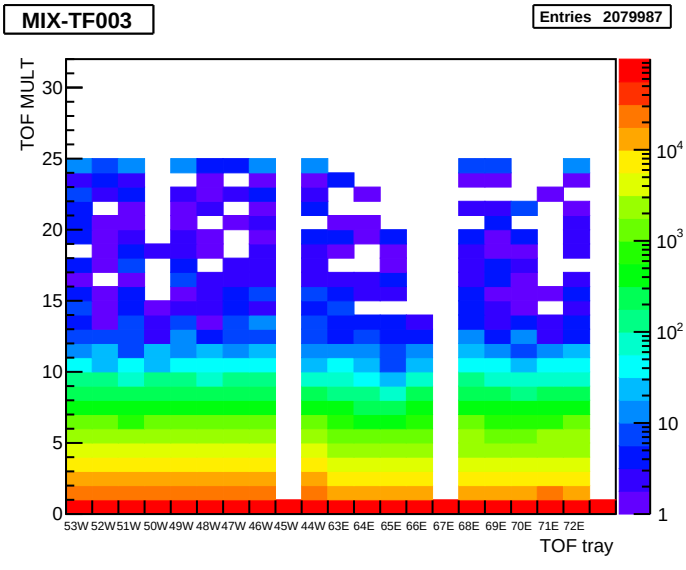

BunchId7Bit (BBC-TAC)
Entries 47745

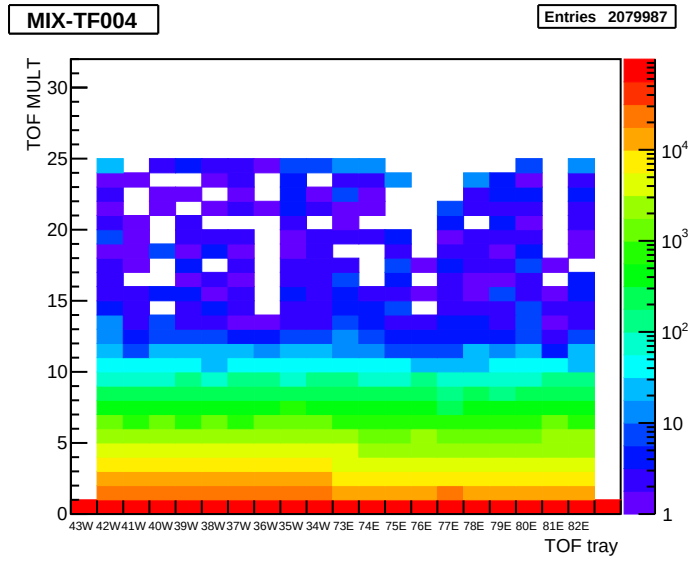

BunchId7Bit (Laser)
Entries 0

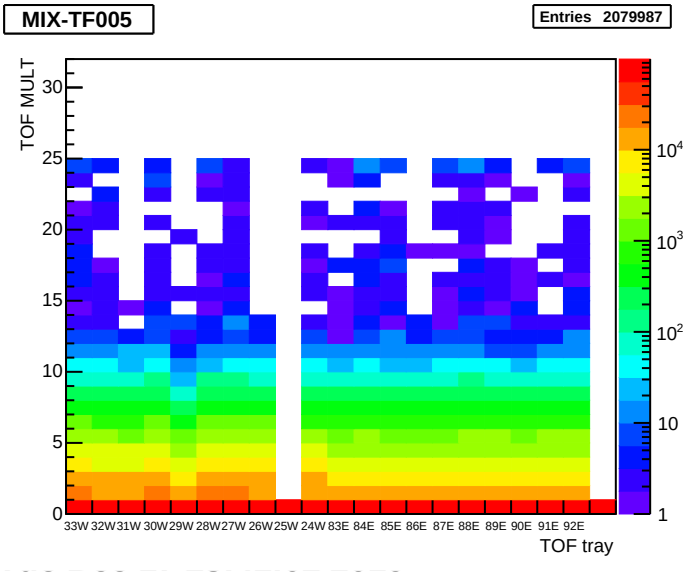

BunchId7Bit (TOFmult window)
Entries 3674

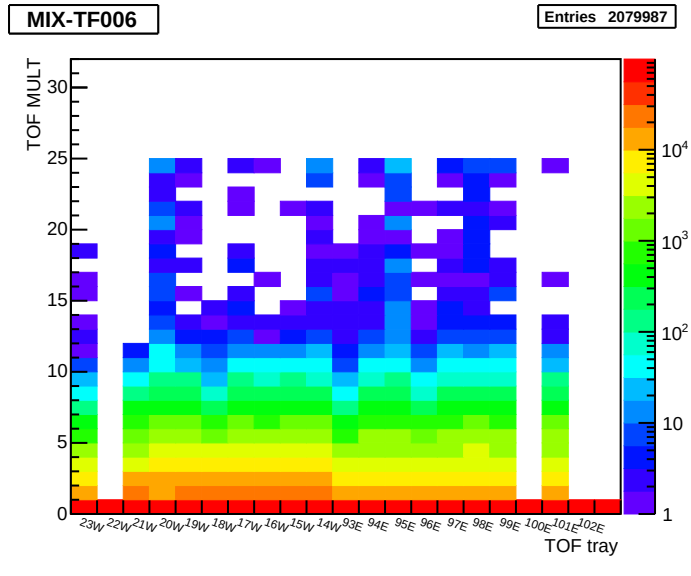

MIX-TF001
Entries 2079987
TOF MULT
TOF tray

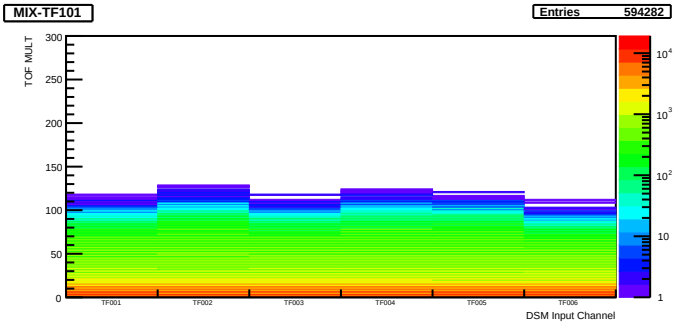

MIX-TF002
Entries 2079987
TOF MULT
TOF tray

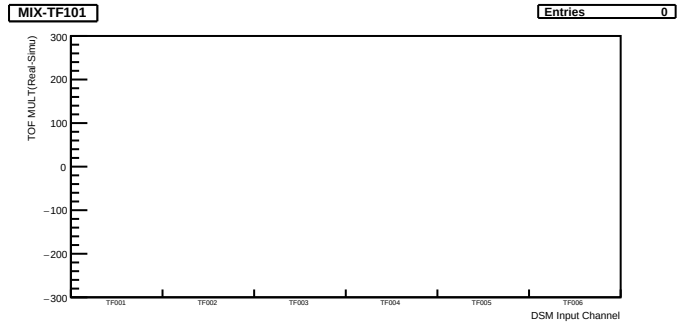

MIX-TF003
Entries 2079987
TOF MULT
TOF tray

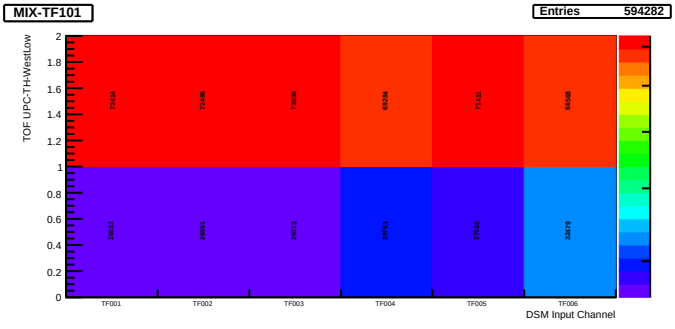

MIX-TF004
Entries 2079987
TOF MULT
TOF tray

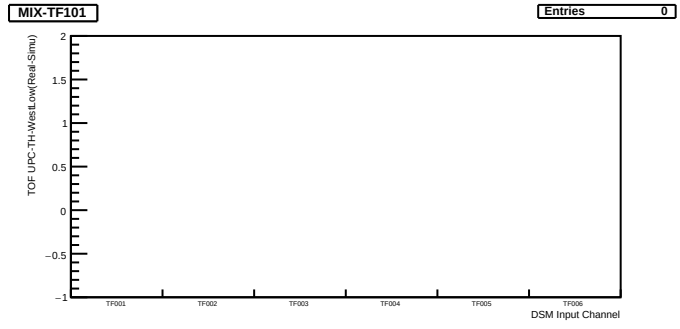

MIX-TF005
Entries 2079987
TOF MULT
TOF tray

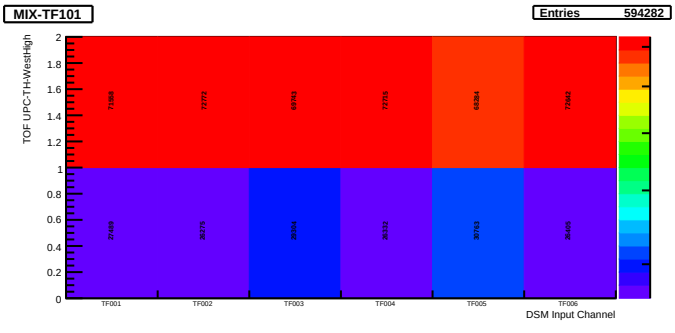

MIX-TF006
Entries 2079987
TOF MULT
TOF tray

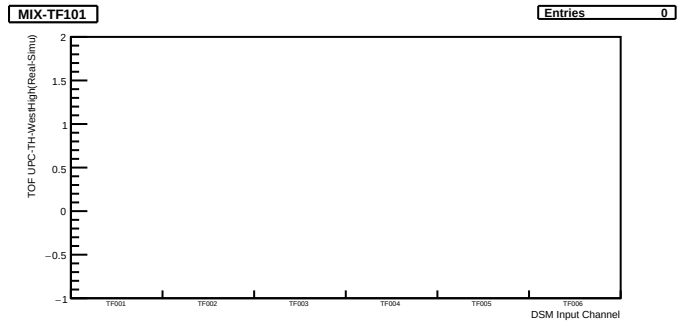

MIX-TF101
Entries 594282
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

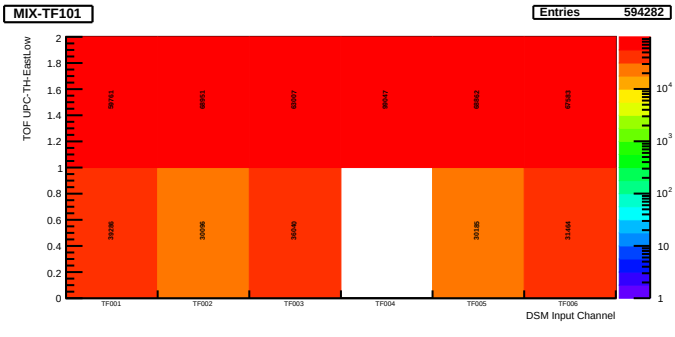

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

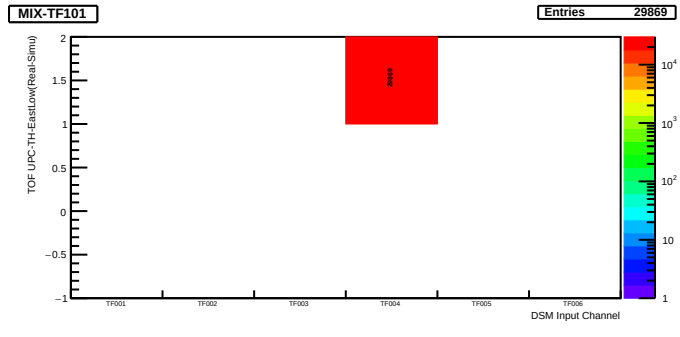

MIX-TF101
Entries 594282
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

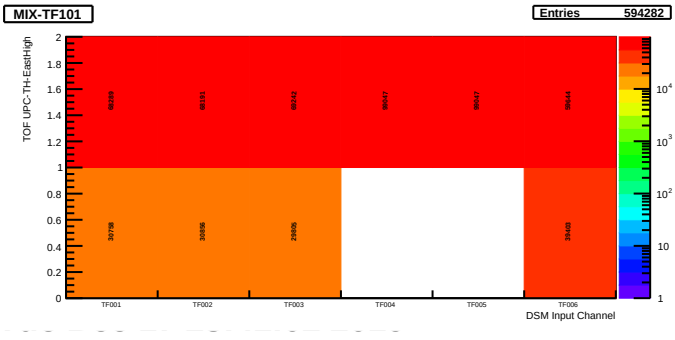

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

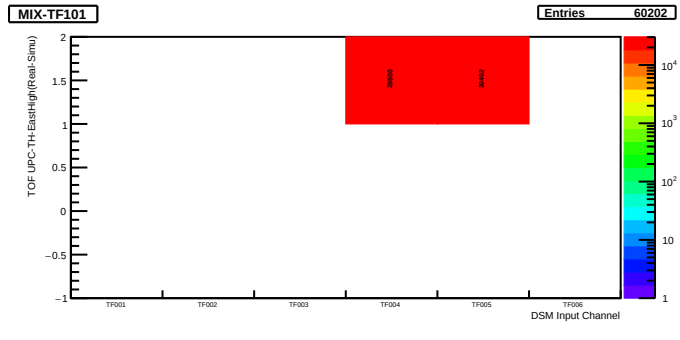

MIX-TF101
Entries 594282
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

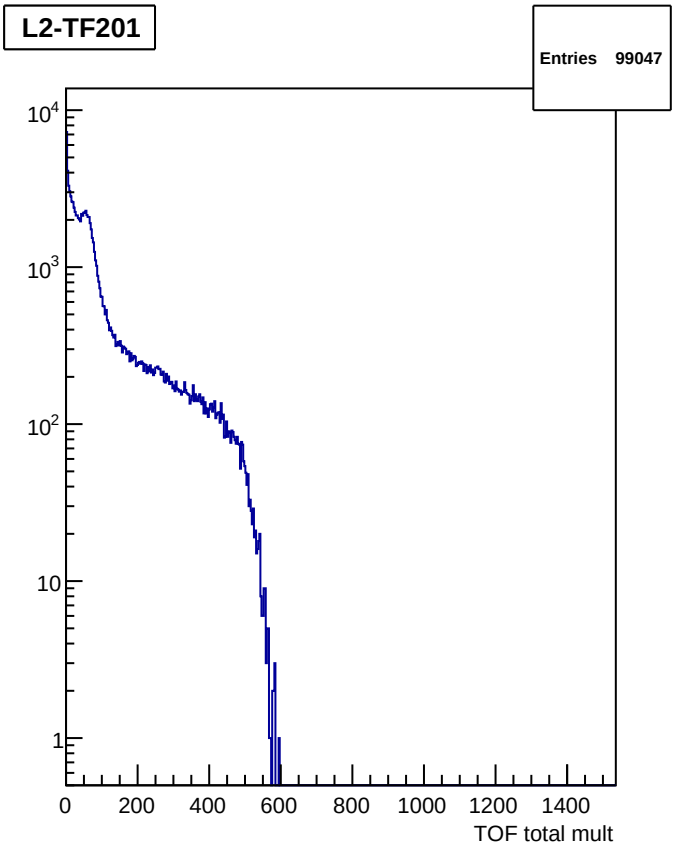

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

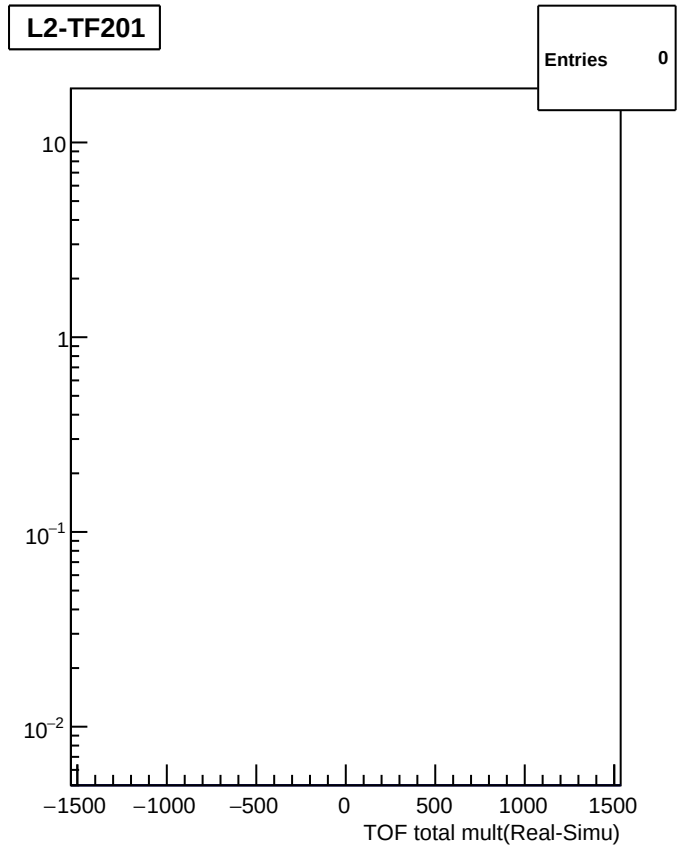

MIX-TF101
Entries 594282
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

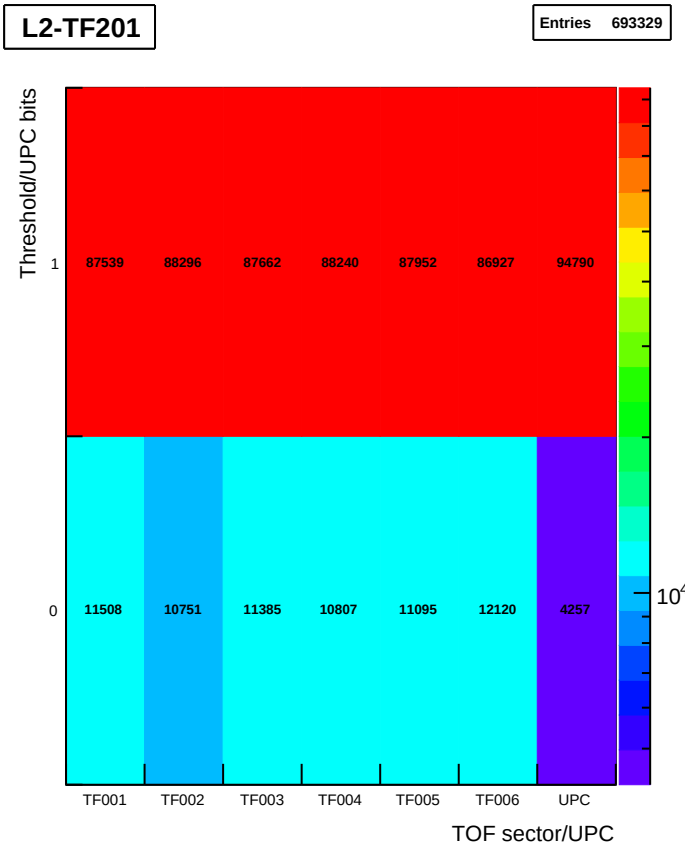

MIX-TF101
Entries 29869
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

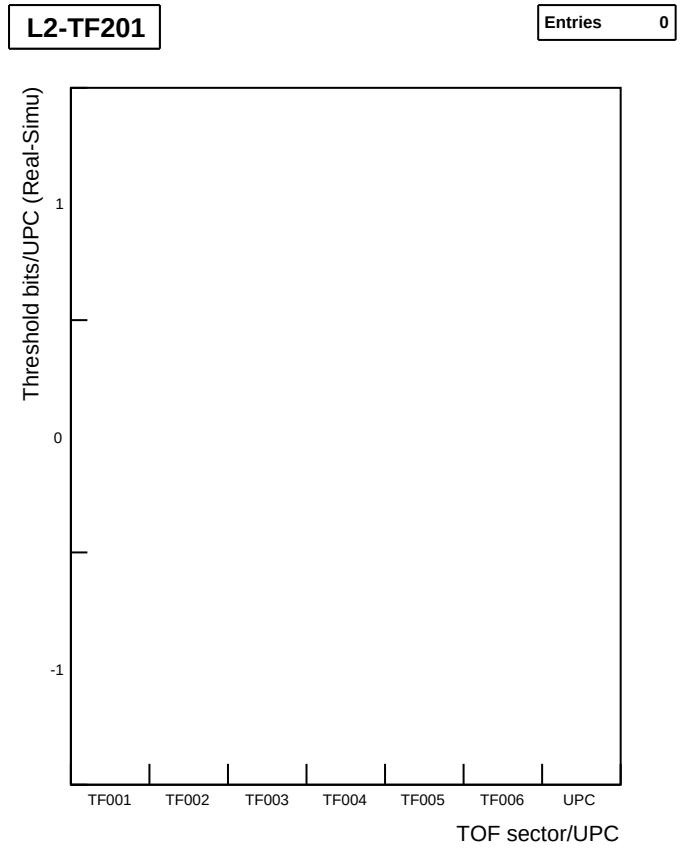

MIX-TF101
Entries 594282
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

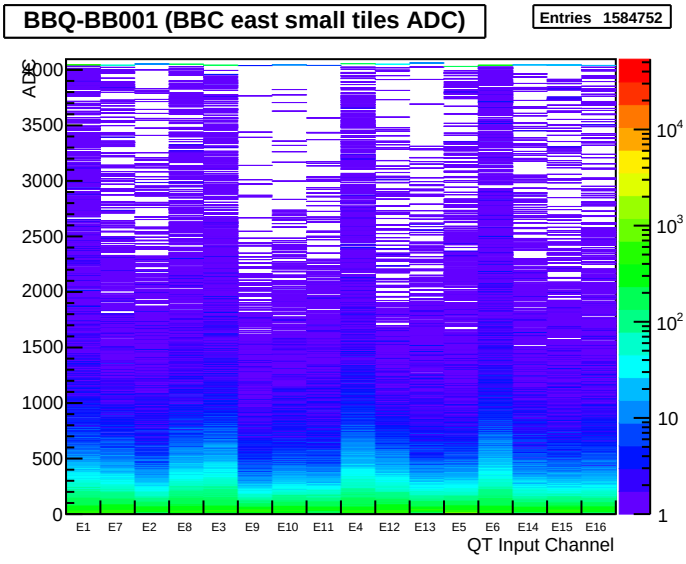

MIX-TF101
Entries 60202
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

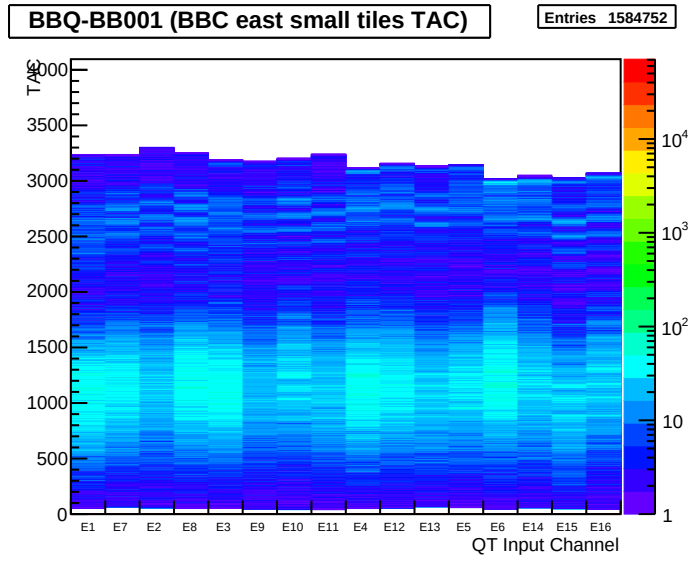

L2-TF201
Entries 99047
TOF total mult

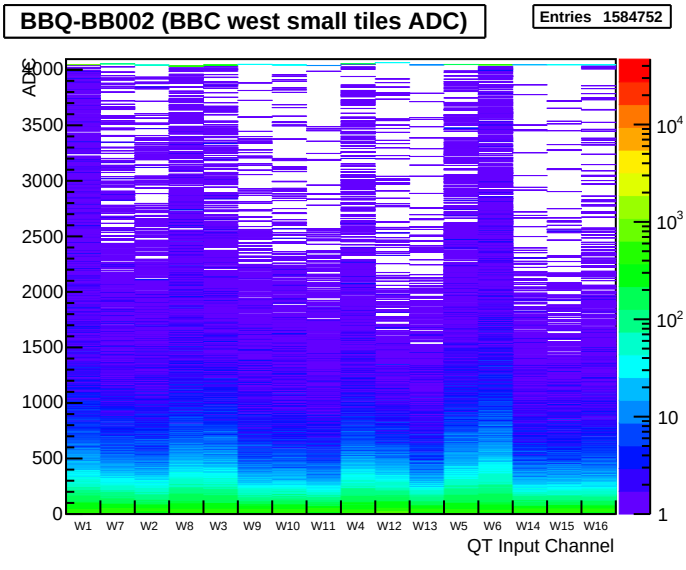

L2-TF201
Entries 0
TOF total mult(Real-Simu)

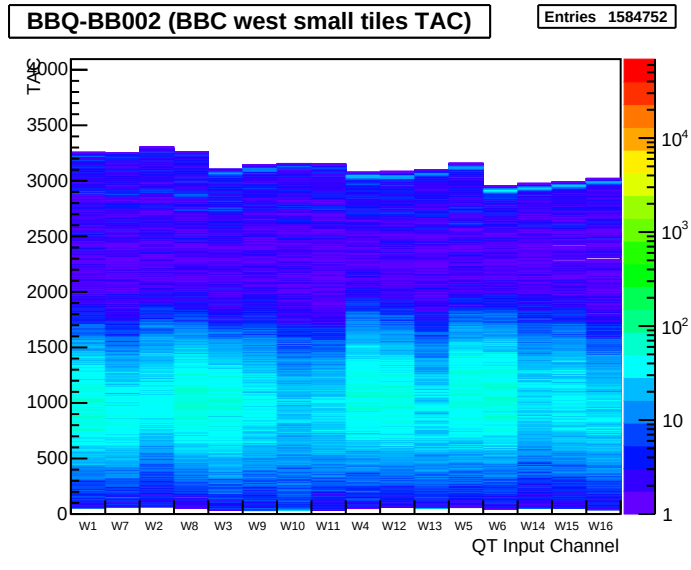

L2-TF201
Entries 693329
Threshold/UPC bits
87539
88296
87662
88240
87952
86927
94790
11508
10751
11385
10807
11095
12120
4257
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

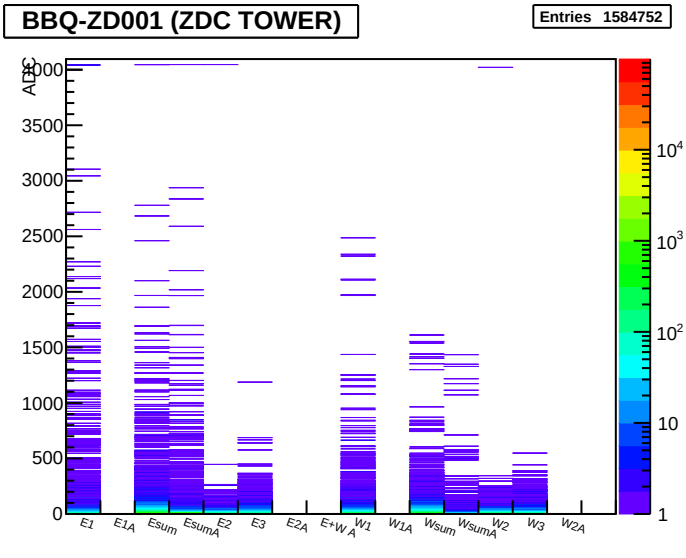

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

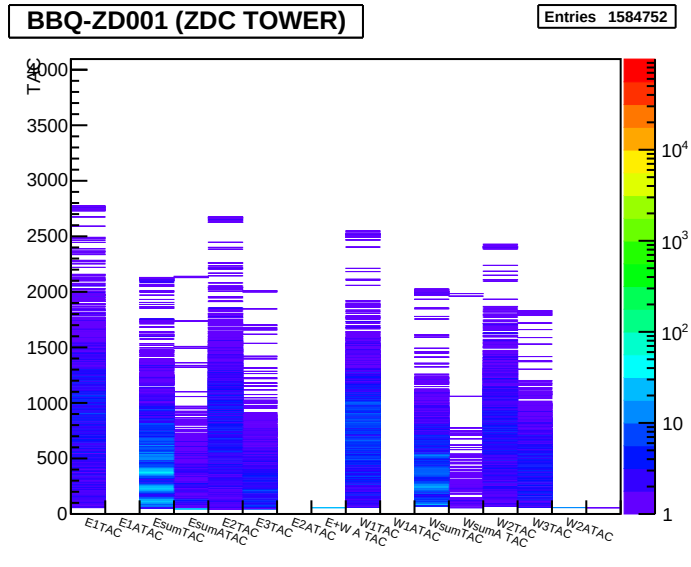

BBQ-BB001 (BBC east small tiles ADC)
Entries 1584752
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

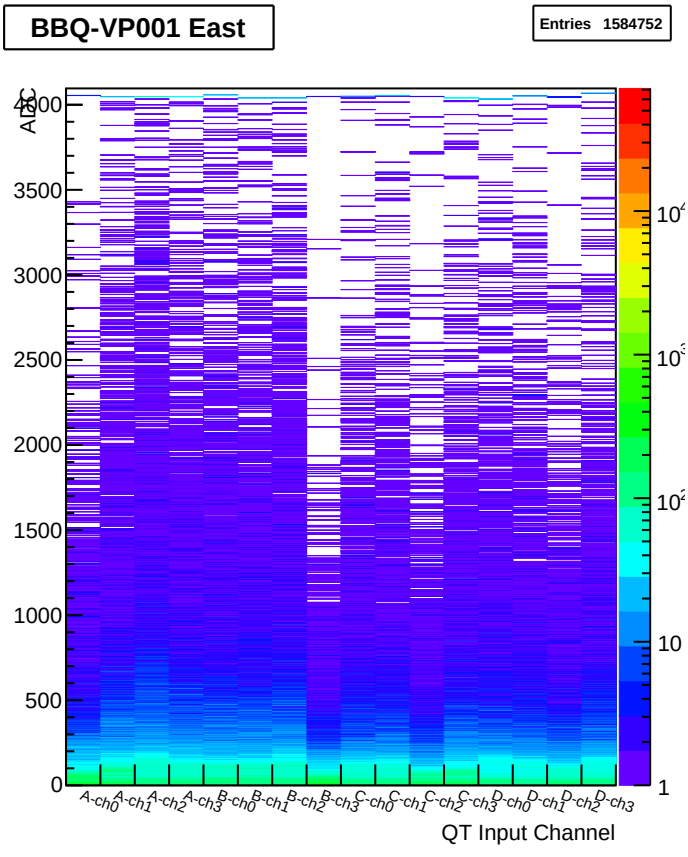

BBQ-BB001 (BBC east small tiles TAC)
Entries 1584752
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

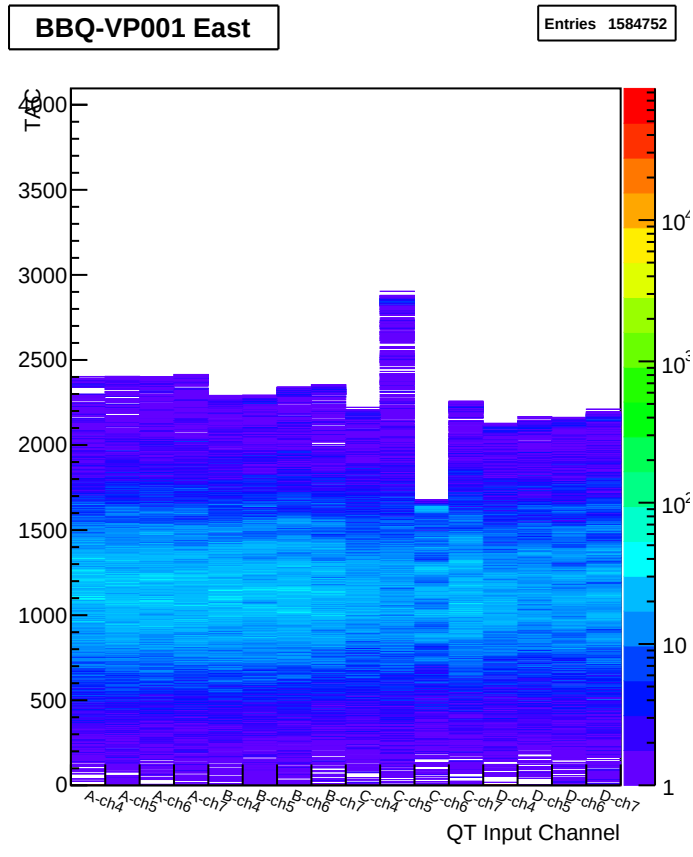

BBQ-BB002 (BBC west small tiles ADC)
Entries 1584752
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

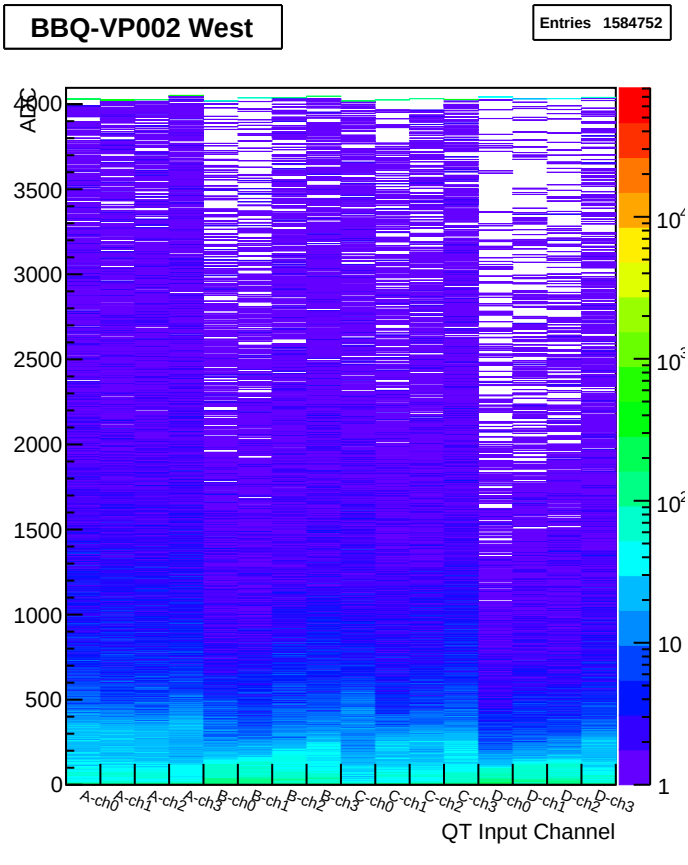

BBQ-BB002 (BBC west small tiles TAC)
Entries 1584752
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

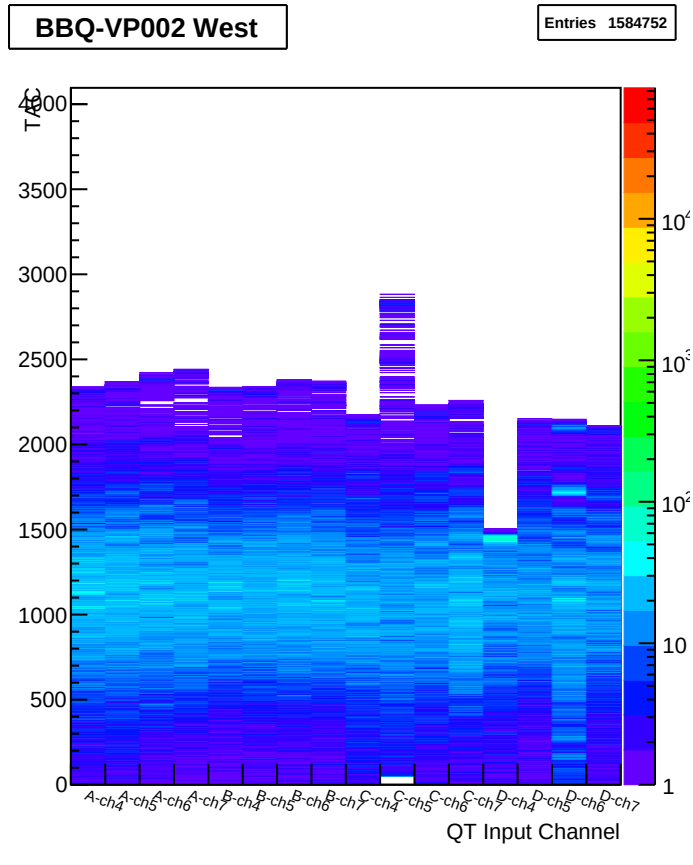

BBQ-ZD001 (ZDC TOWER)
Entries 1584752
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

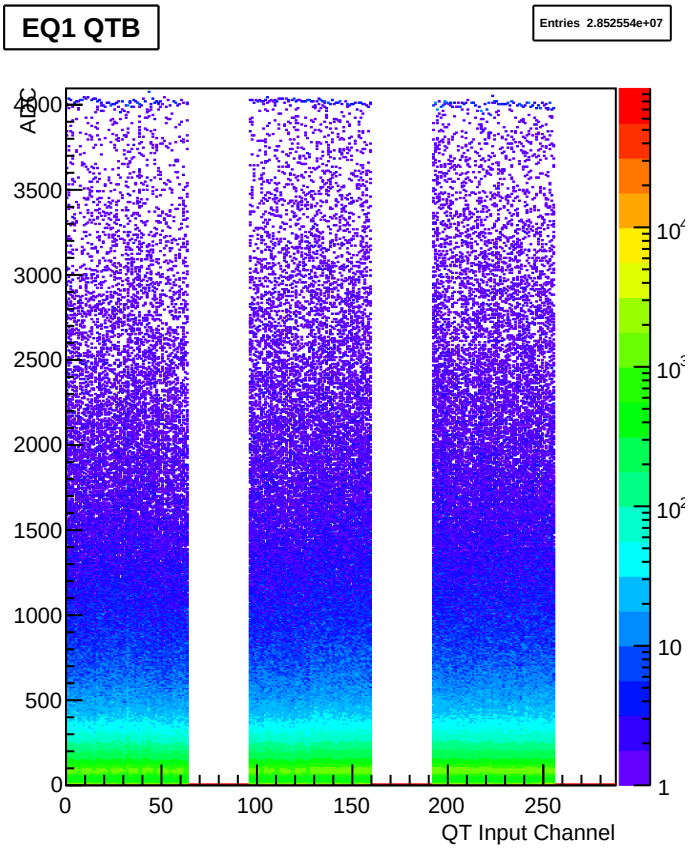

BBQ-ZD001 (ZDC TOWER)
Entries 1584752
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

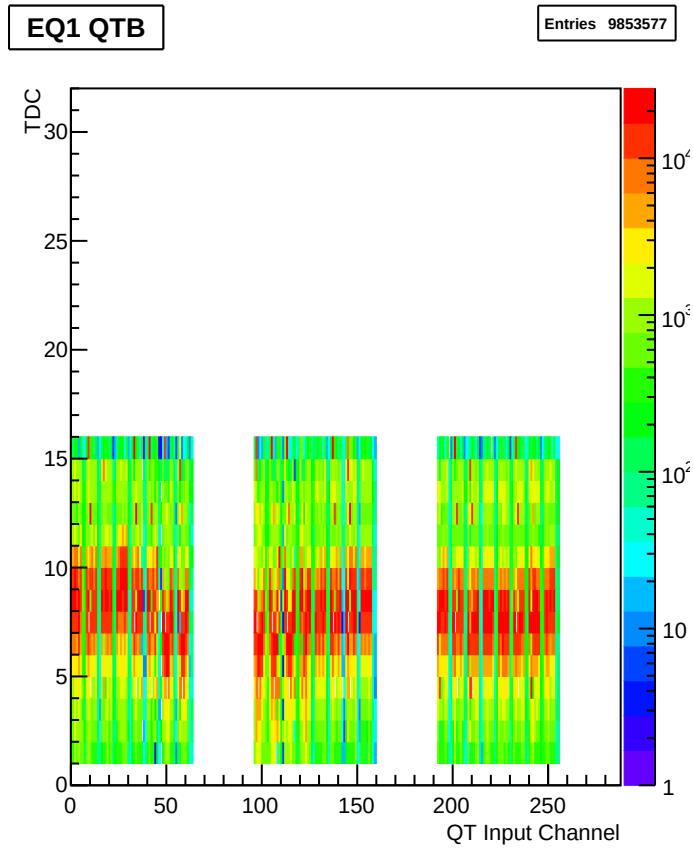

BBQ-VP001 East
Entries 1584752
ADC
QT Input Channel

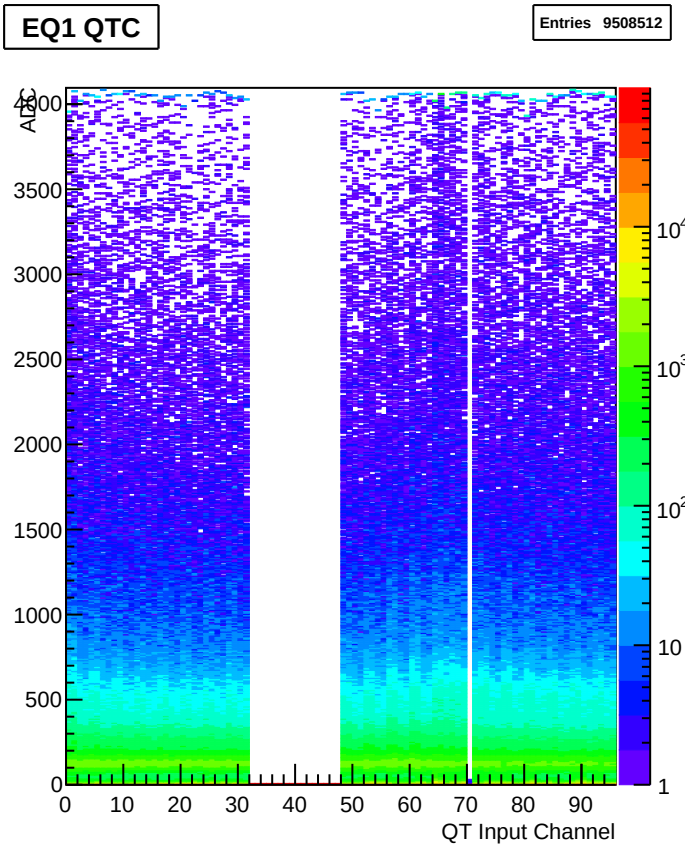

BBQ-VP001 East
Entries 1584752
TADC
QT Input Channel

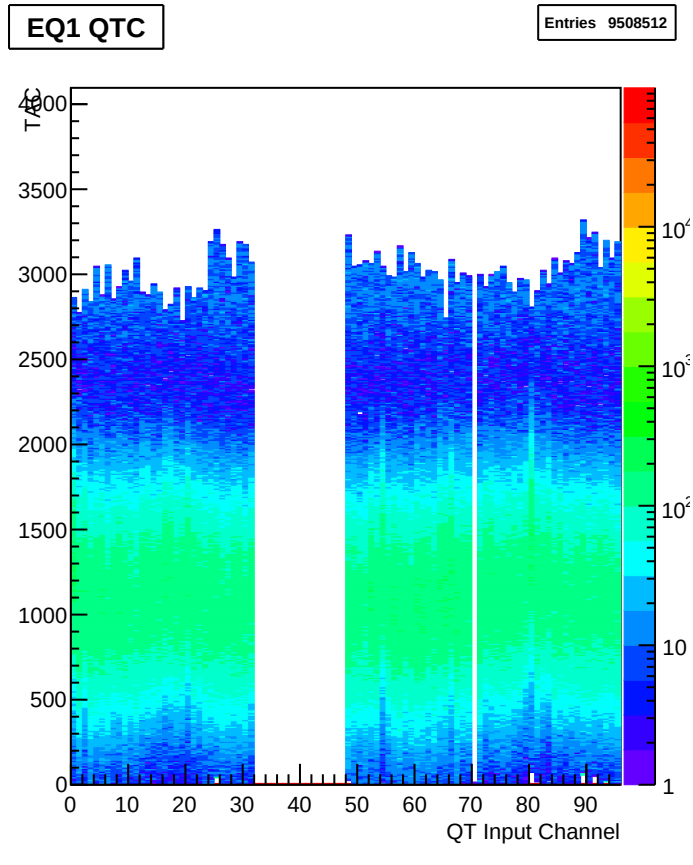

BBQ-VP002 West
Entries 1584752
ADC
QT Input Channel

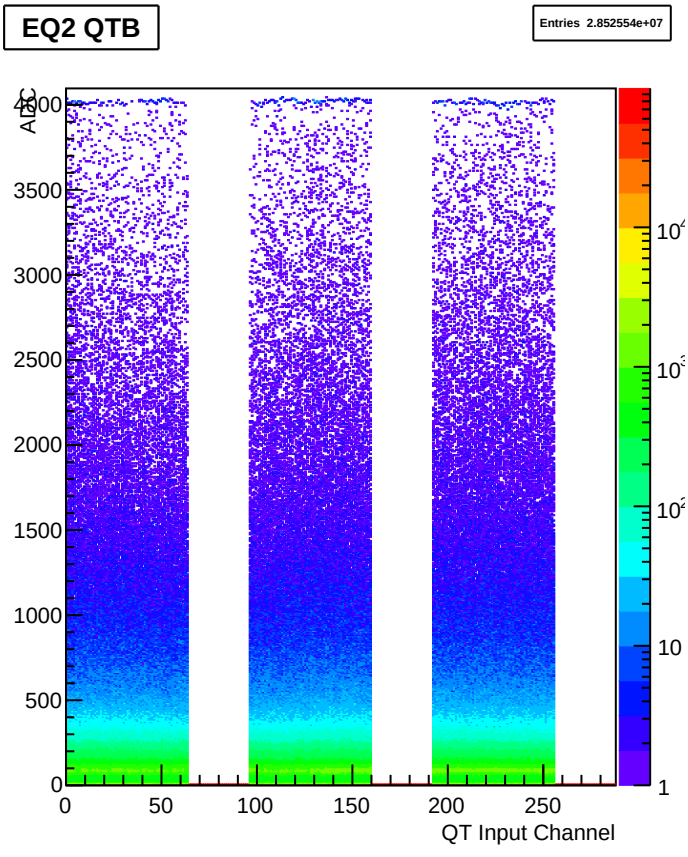

BBQ-VP002 West
Entries 1584752
TADC
QT Input Channel

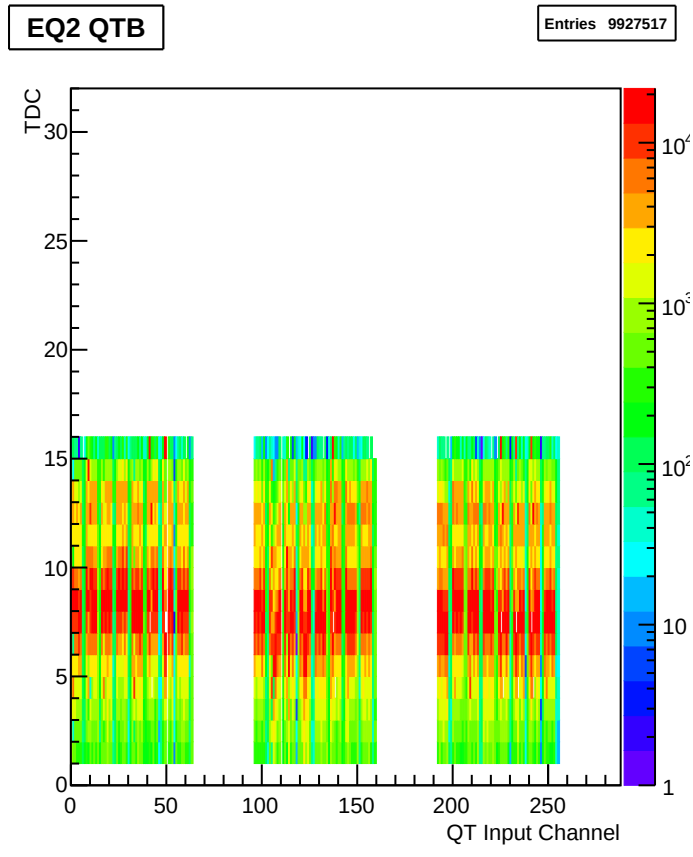

EQ1 QTB
Entries 2.852554e+07
ADC
QT Input Channel

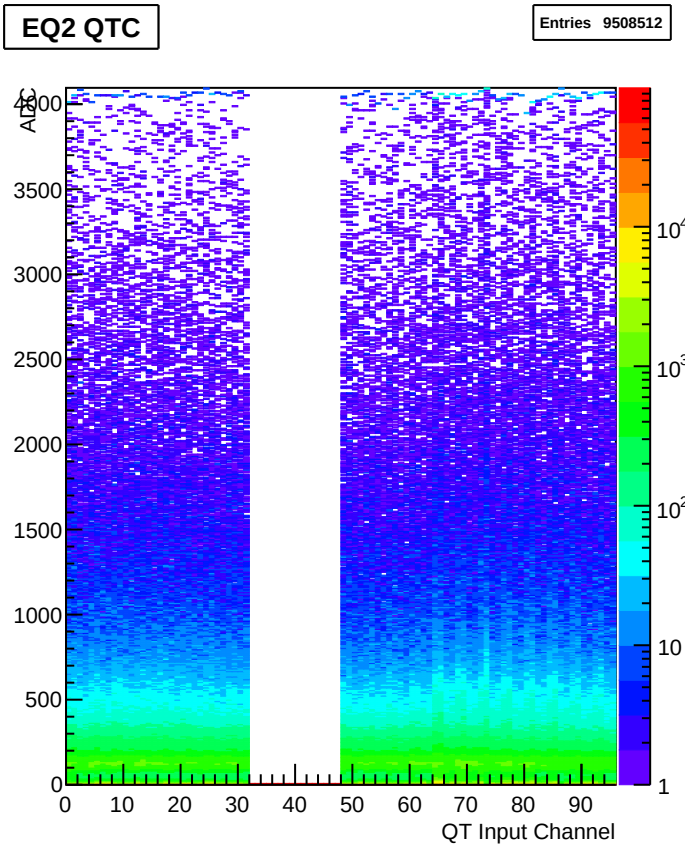

EQ1 QTB
Entries 9853577
TDC
QT Input Channel

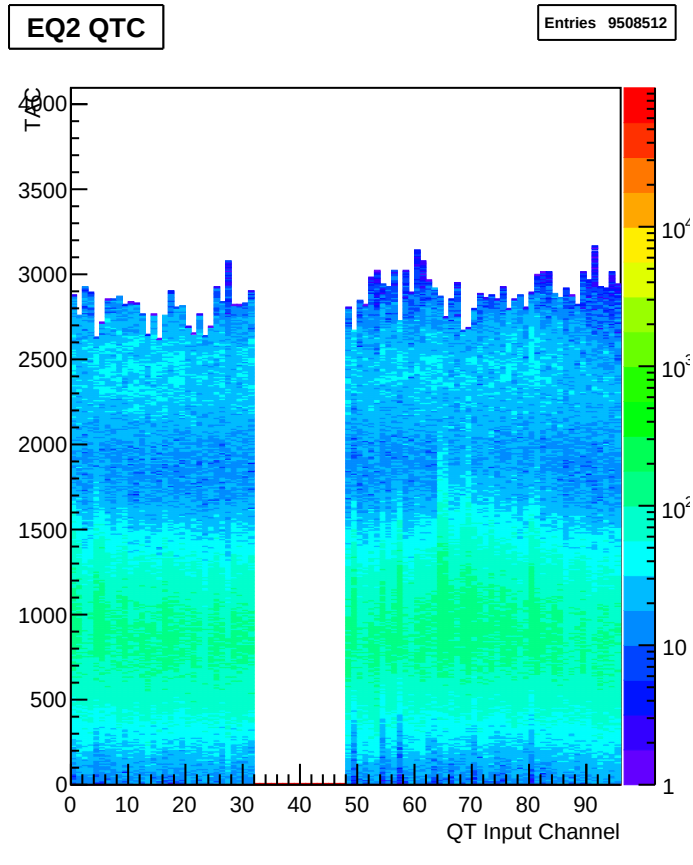

EQ1 QTC
Entries 9508512
ADC
QT Input Channel

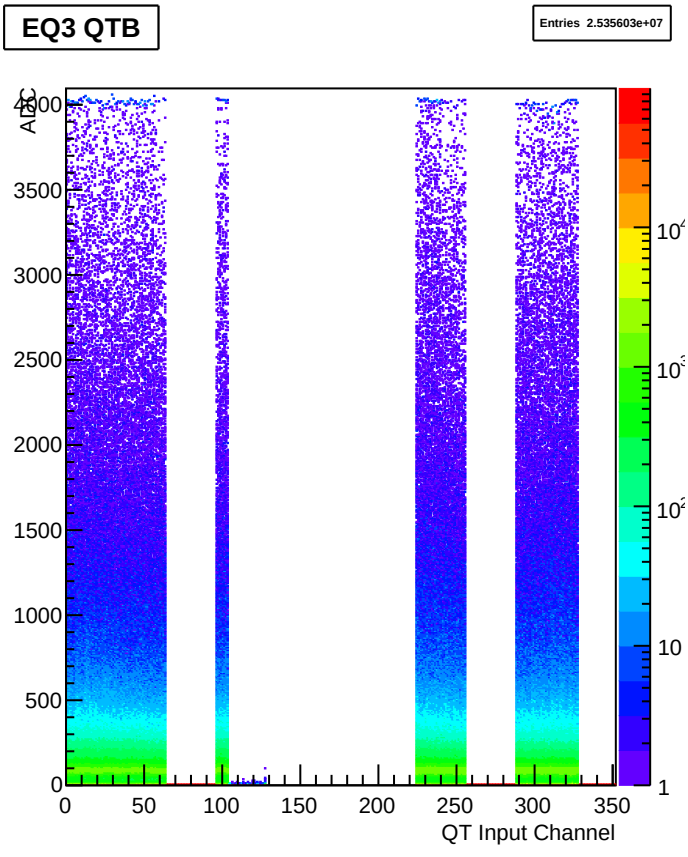

EQ1 QTC
Entries 9508512
TADC
QT Input Channel

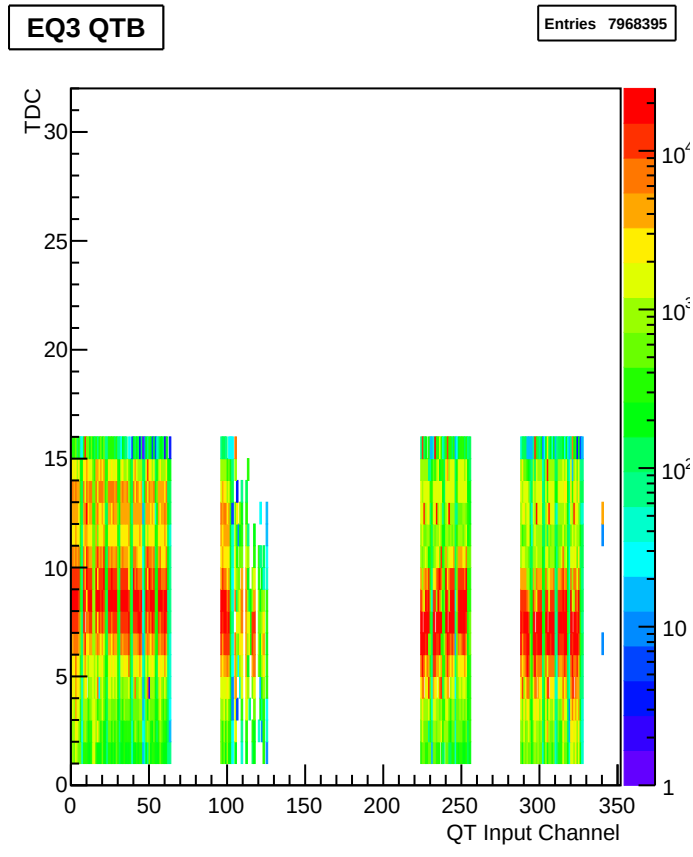

EQ2 QTB
Entries 2.852554e+07
ADC
QT Input Channel

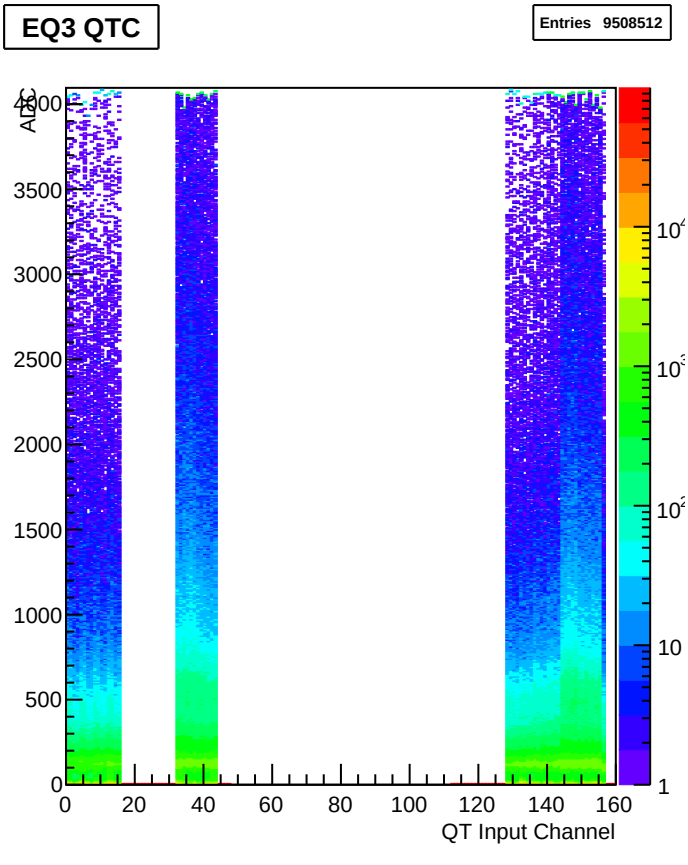

EQ2 QTB
Entries 9927517
TDC
QT Input Channel

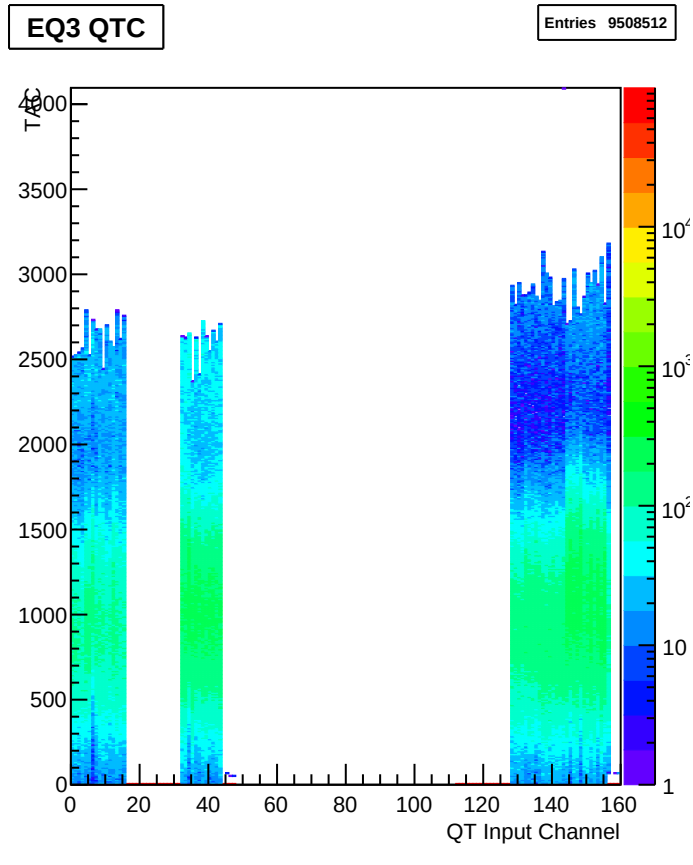

EQ2 QTC
Entries 9508512
ADC
QT Input Channel

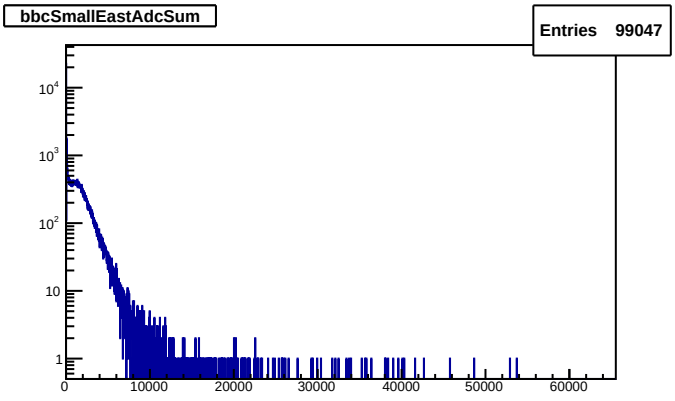

EQ2 QTC
Entries 9508512
TADC
QT Input Channel

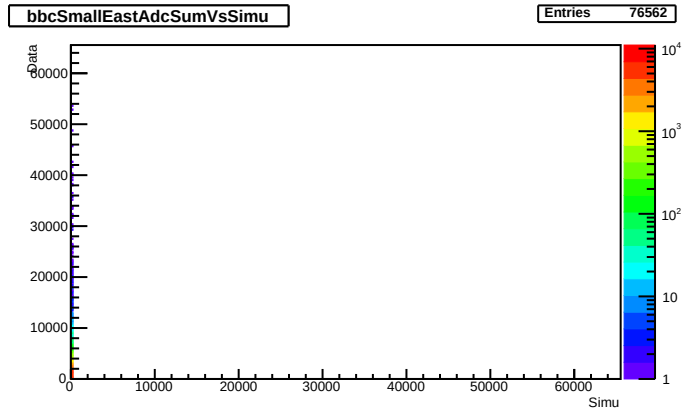

EQ3 QTB
Entries 2.535603e+07
ADC
QT Input Channel

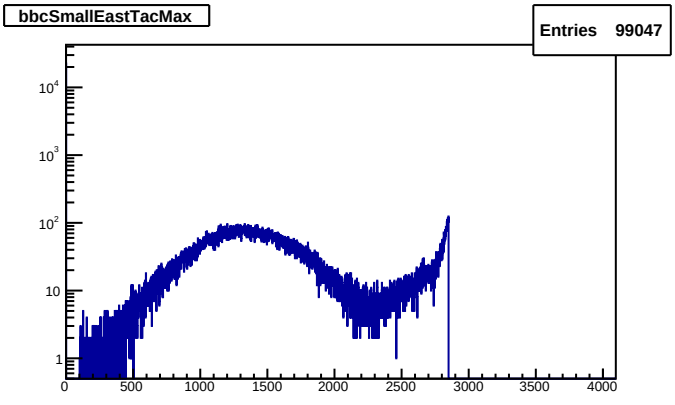

EQ3 QTB
Entries 7968395
TDC
QT Input Channel

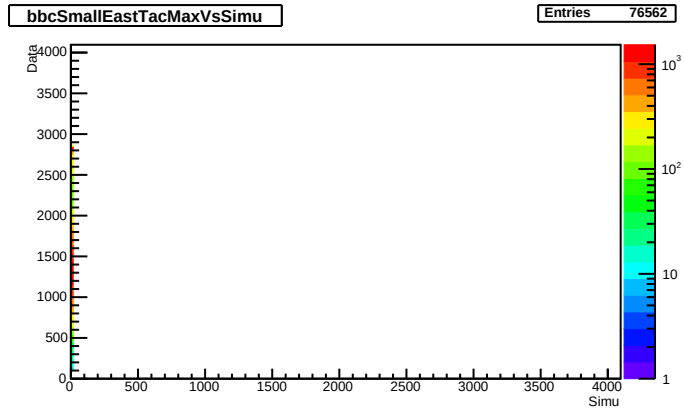

EQ3 QTC
Entries 9508512
ADC
QT Input Channel

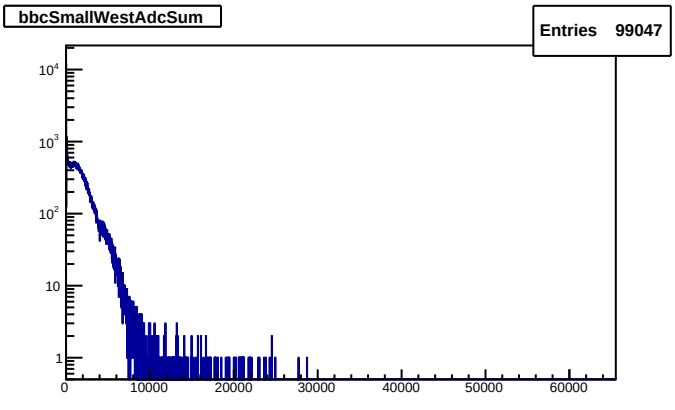

EQ3 QTC
Entries 9508512
TADC
QT Input Channel

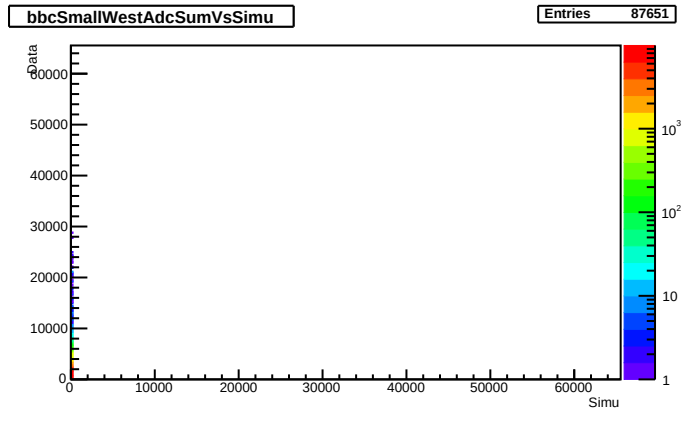

bbcSmallEastAdcSum
Entries 99047

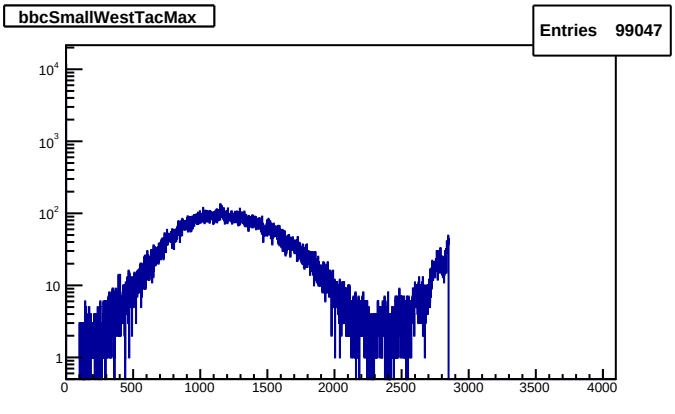

bbcSmallEastAdcSumVsSimu
Entries 76562
Data
Simu

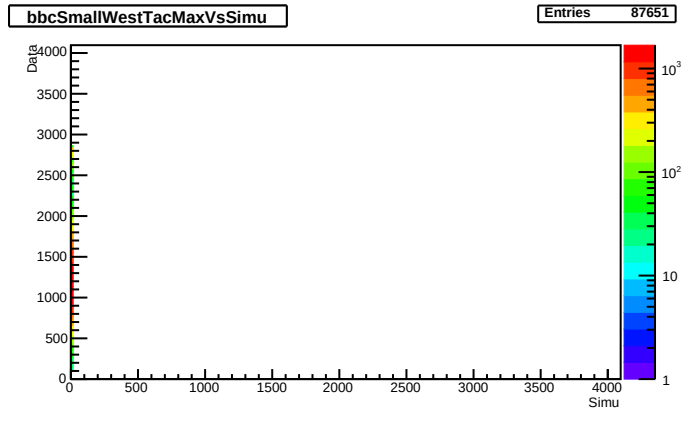

bbcSmallEastTacMax
Entries 99047

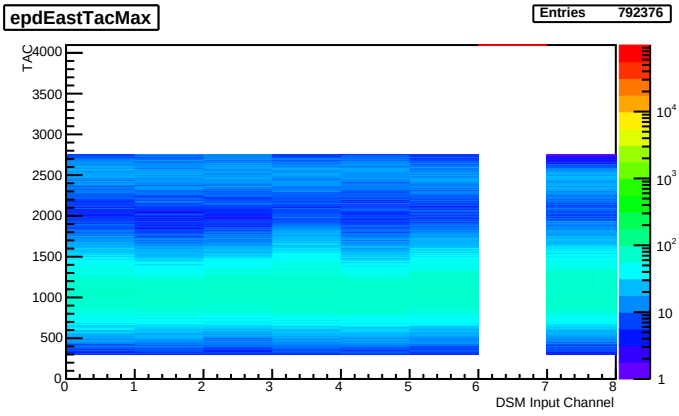

bbcSmallEastTacMaxVsSimu
Entries 76562
Data
Simu

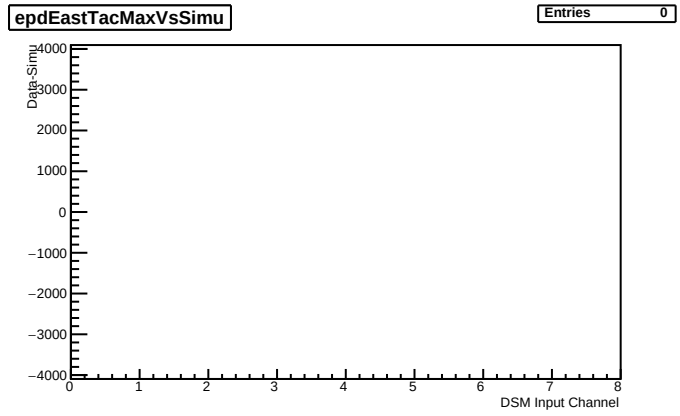

bbcSmallWestAdcSum
Entries 99047


bbcSmallWestAdcSumVsSimu
Entries 87651
Data
Simu


bbcSmallWestTacMax
Entries 99047


bbcSmallWestTacMaxVsSimu
Entries 87651
Data
Simu


epdEastTacMax
Entries 792376
TAC
DSM Input Channel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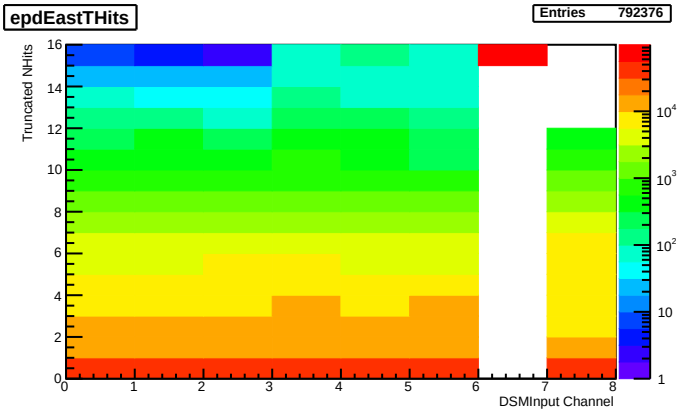
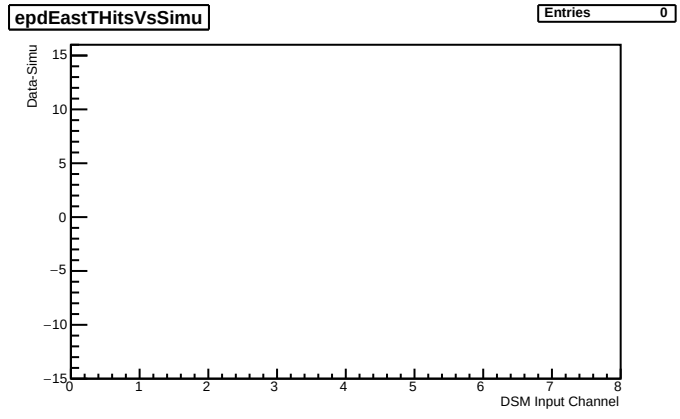
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 792376
Truncated NHits
DSMInput Channel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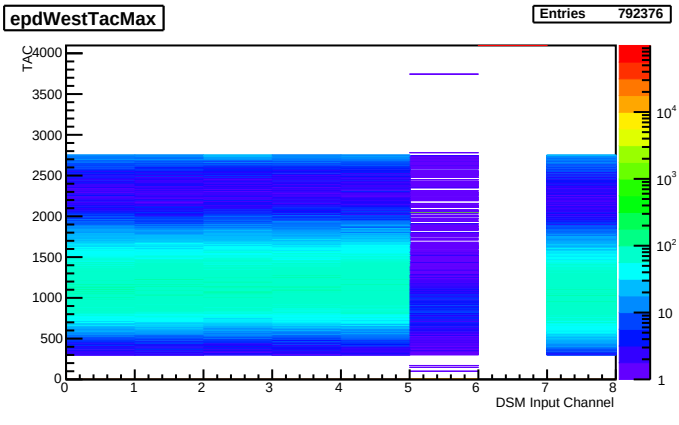
Entries 0
Data-Simu
DSM Input Channel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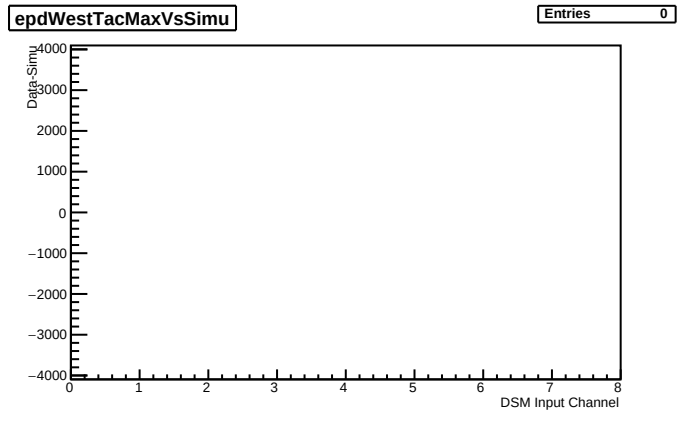
Entries 792376
TAC
DSM Input Channel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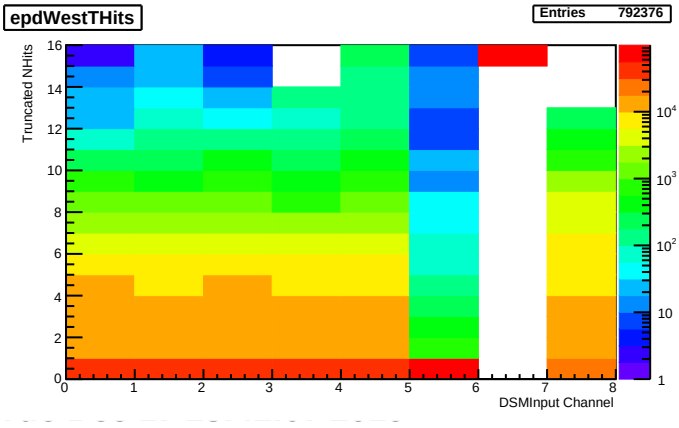
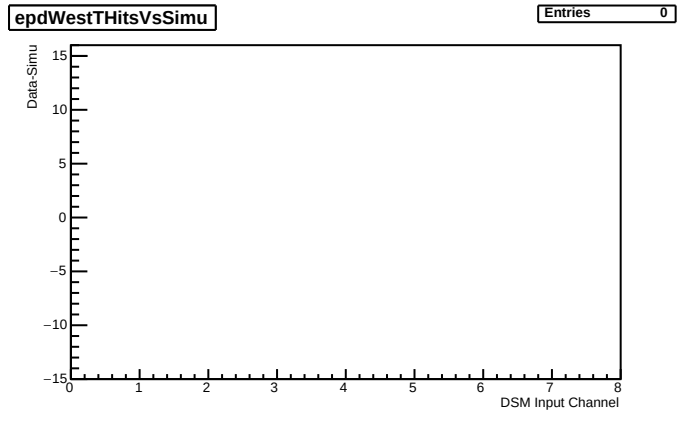
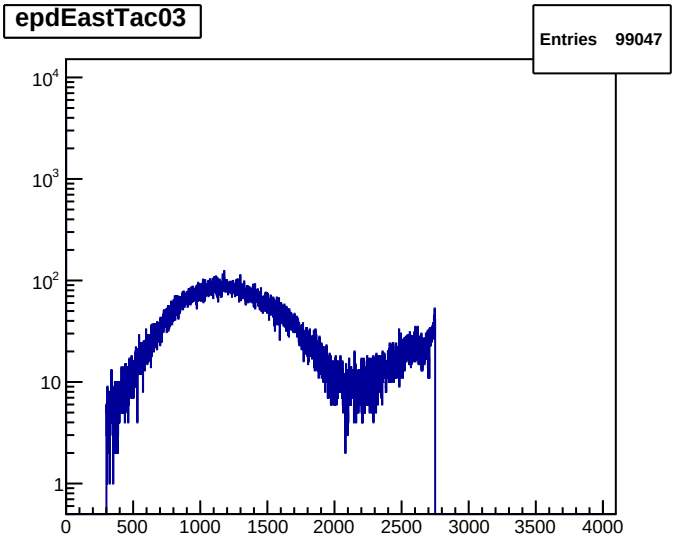
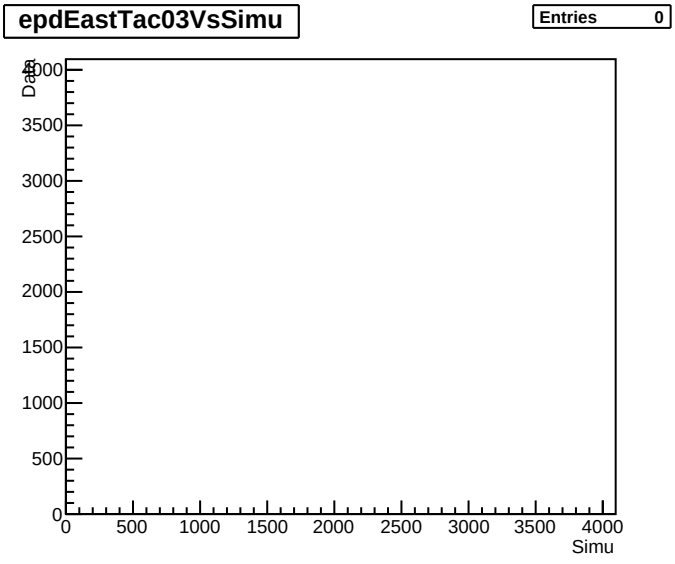
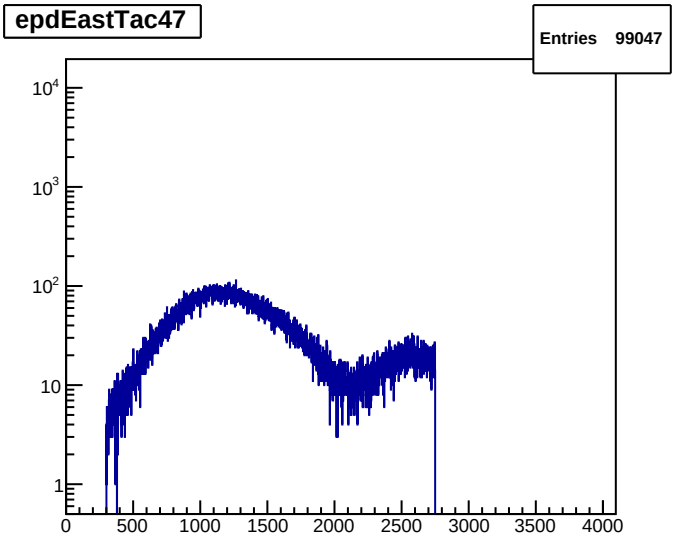
Entries 0
Data-Simu
DSM Input Channel

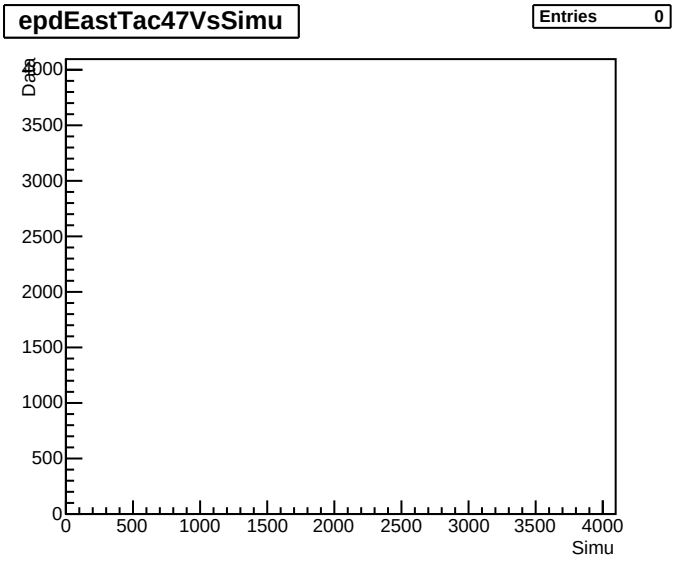

epdWestTHits
Entries 792376
Truncated NHits
DSMInput Channel

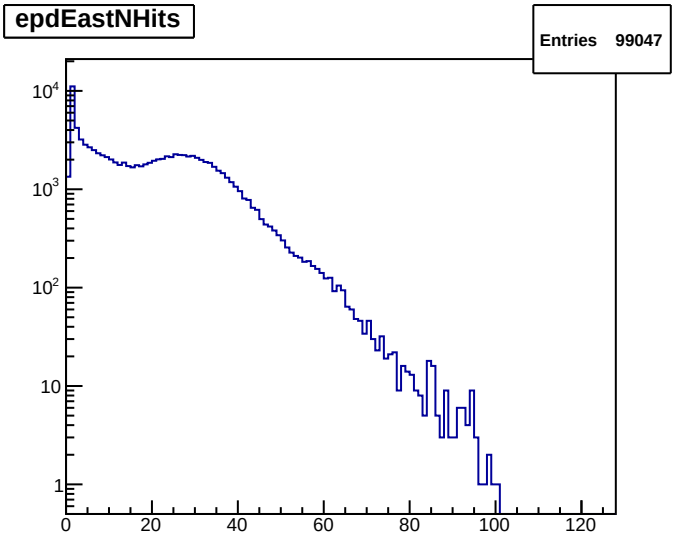

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

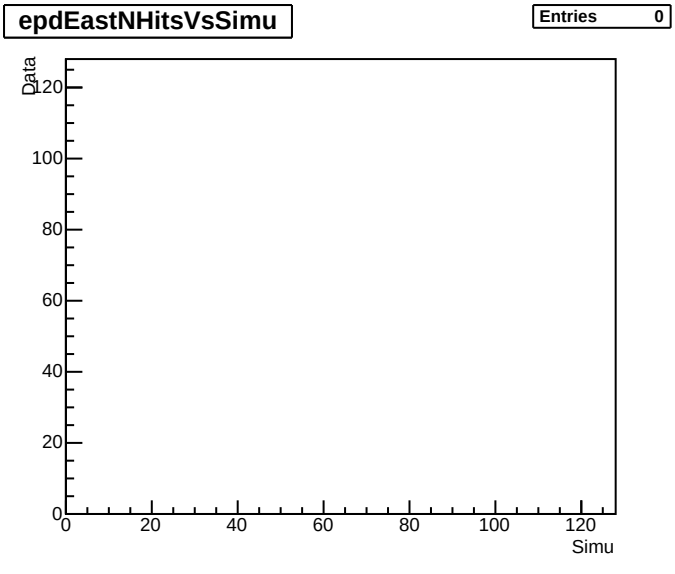

epdEastTac03
Entries 99047


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 99047


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 99047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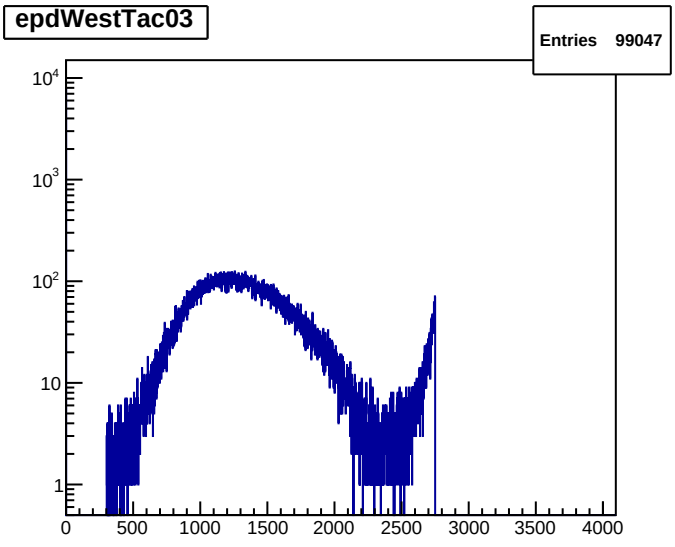
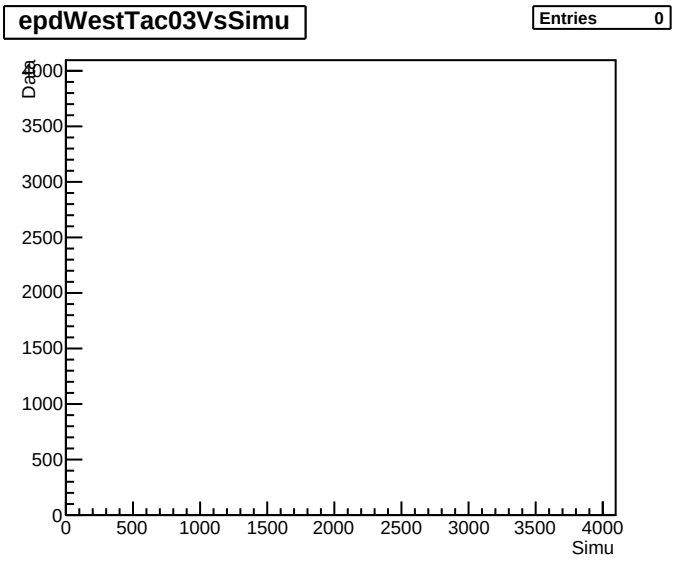
Entries 0
Data
Simu


epdWestTac03
Entries 99047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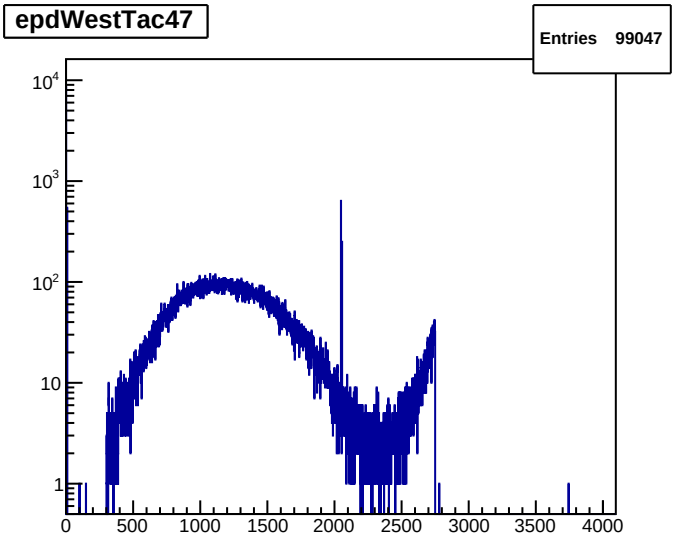
Entries 0
Data
Simu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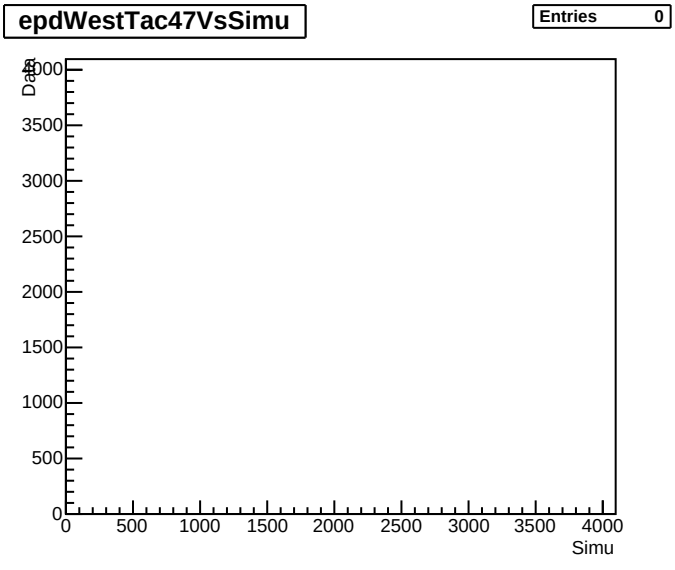
Entries 99047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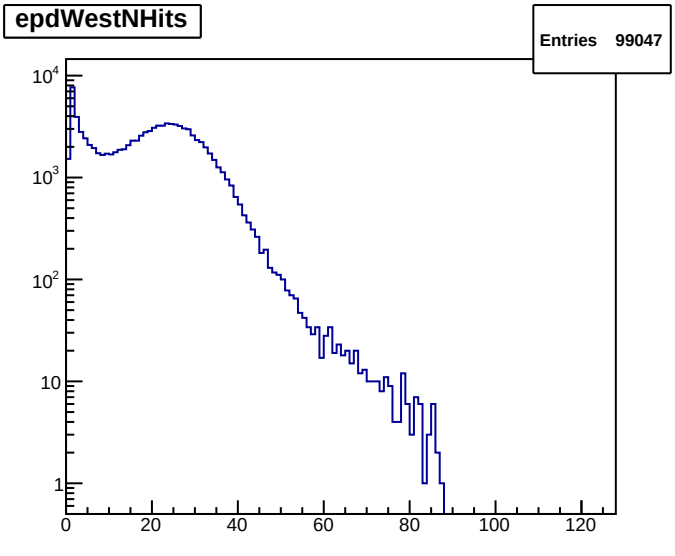
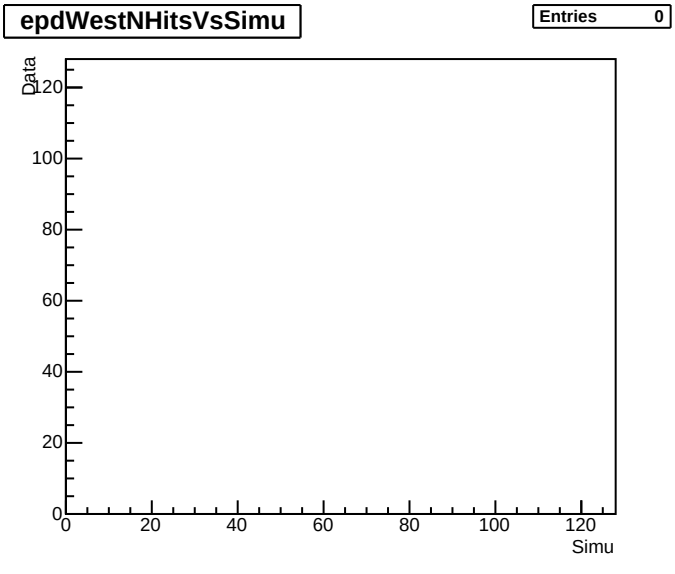
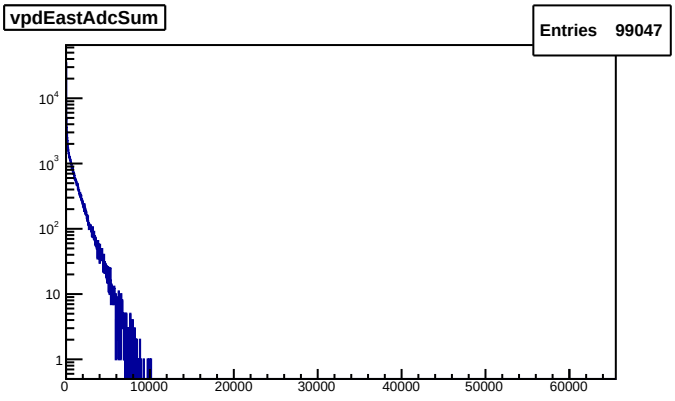
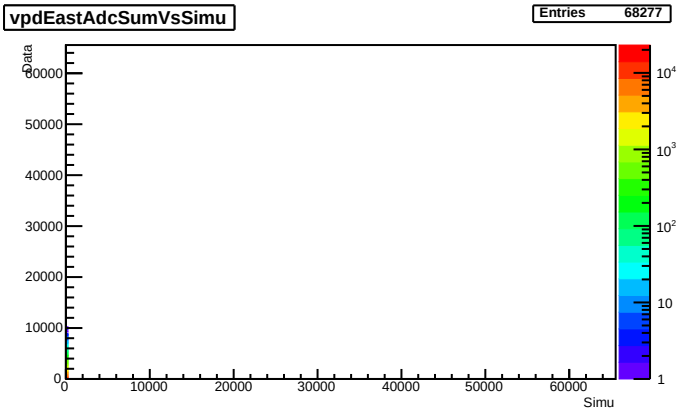
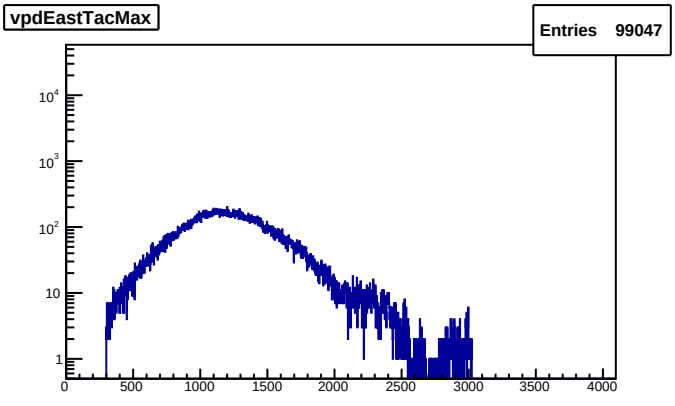
Entries 0
Data
Simu

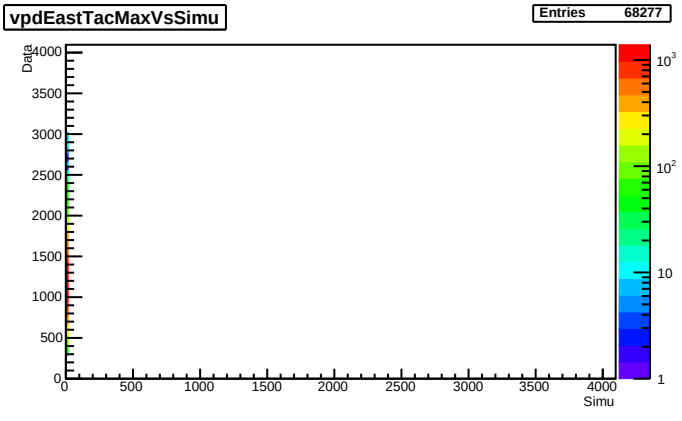

epdWestNHits
Entries 99047

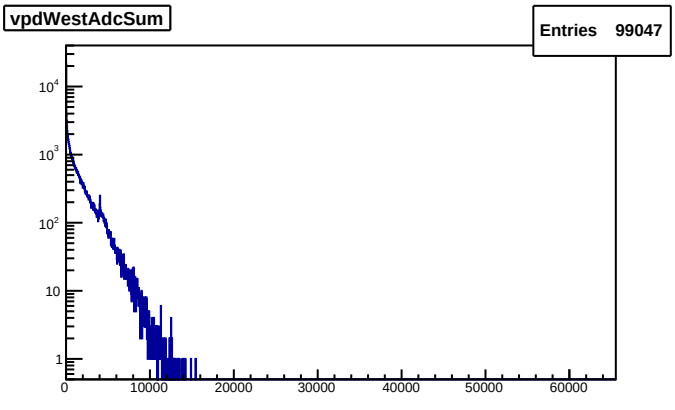

epdWestNHitsVsSimu
Entries 0
Data
Simu

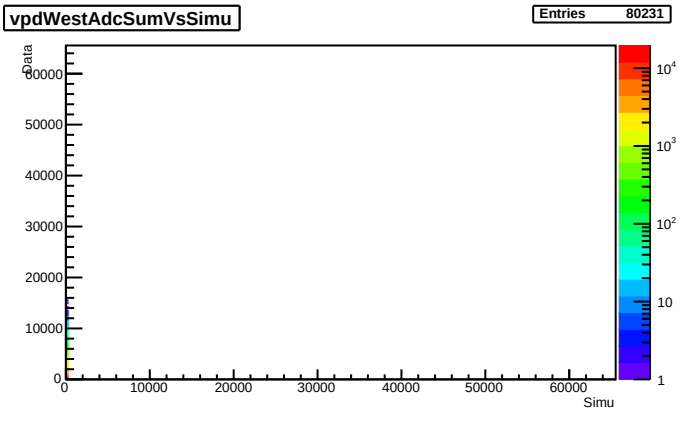

vpdEastAdcSum
Entries 99047

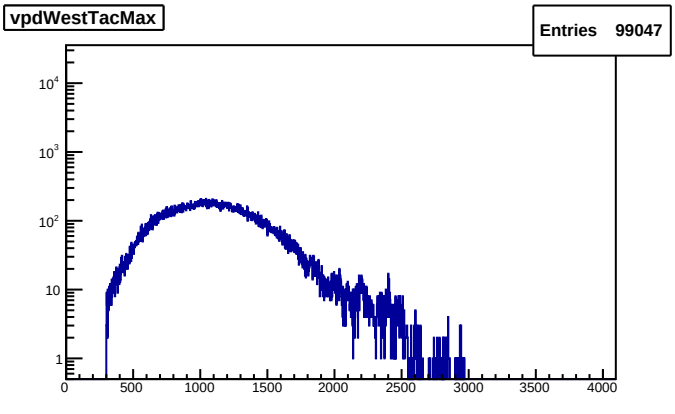

vpdEastAdcSumVsSimu
Entries 68277
Data
Simu

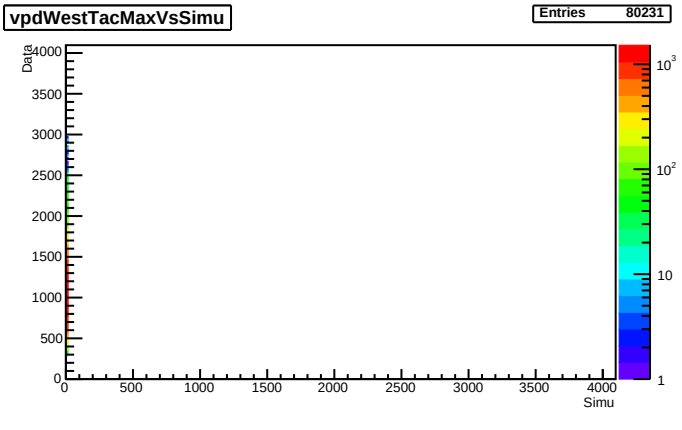

vpdEastTacMax
Entries 99047

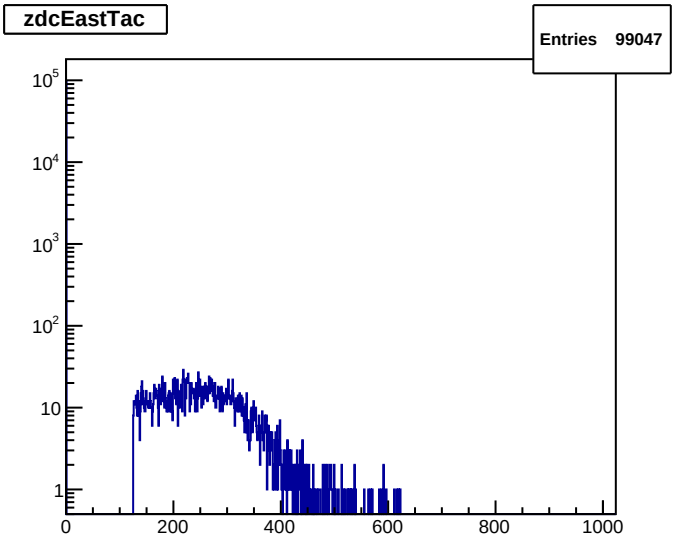

vpdEastTacMaxVsSimu
Entries 68277
Data
Simu

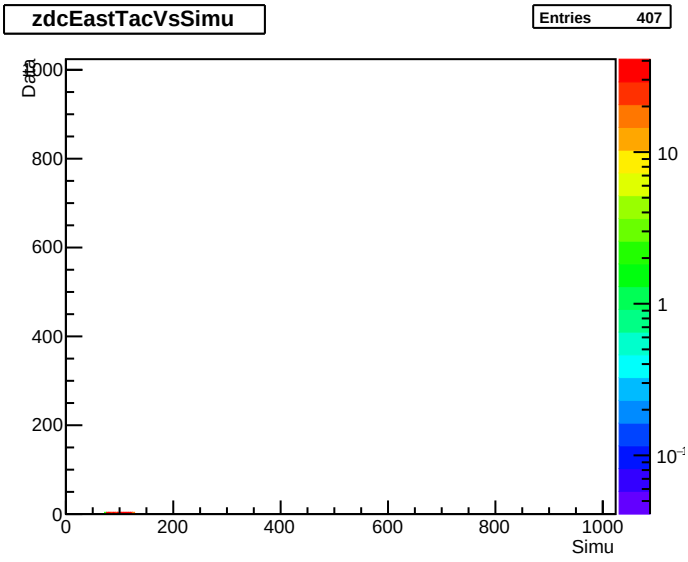

vpdWestAdcSum
Entries 99047

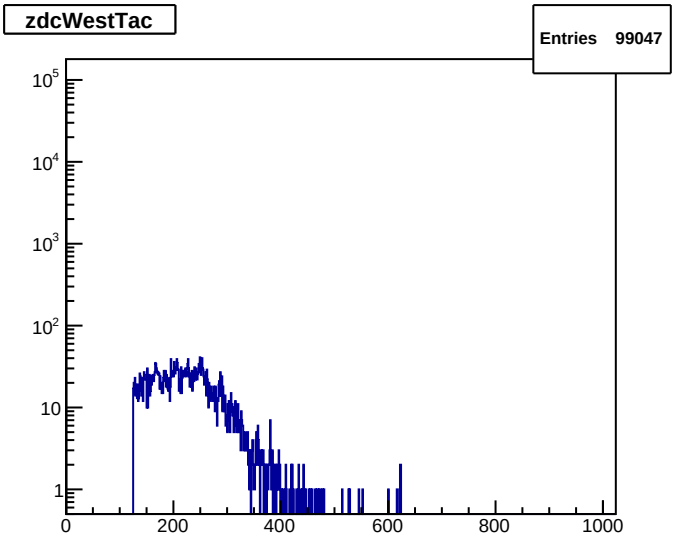

vpdWestAdcSumVsSimu
Entries 80231
Data
Simu

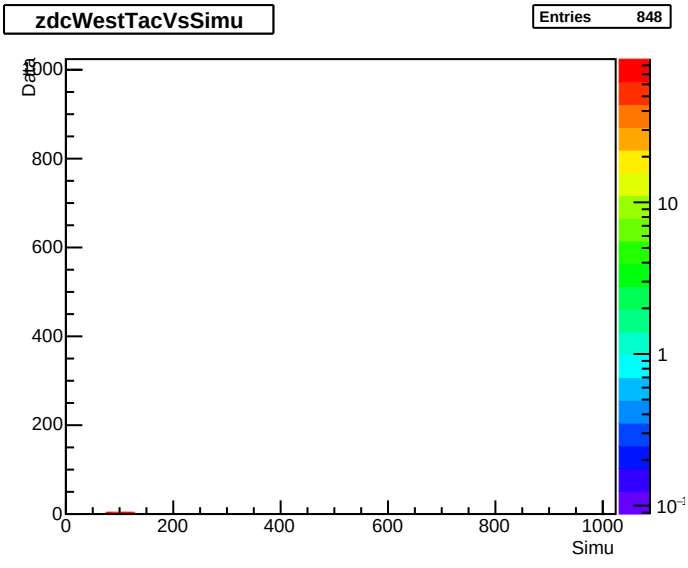

vpdWestTacMax
Entries 99047

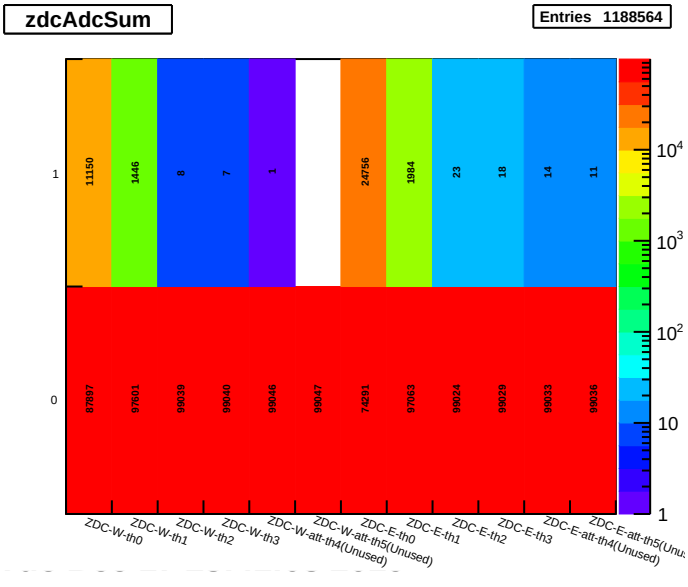

vpdWestTacMaxVsSimu
Entries 80231
Data
Simu

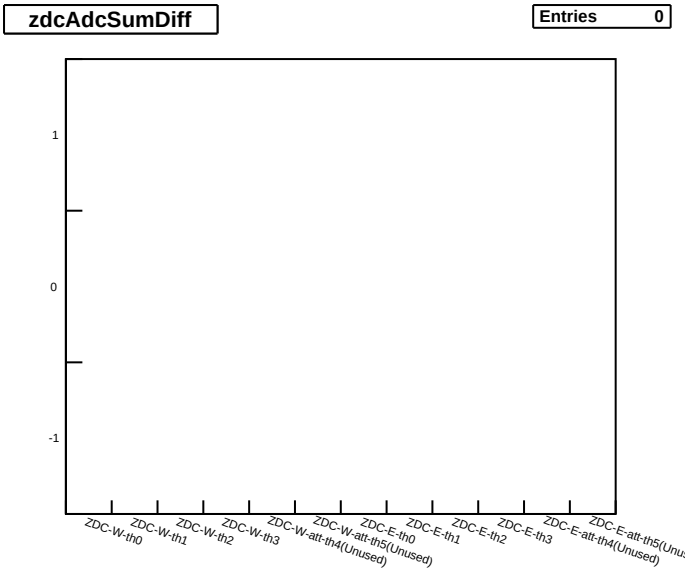

zdcEastTac
Entries 99047

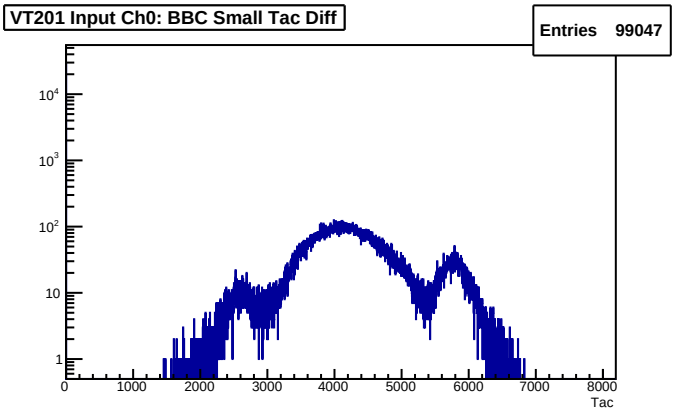

zdcEastTacVsSimu
Entries 407
Data
Simu

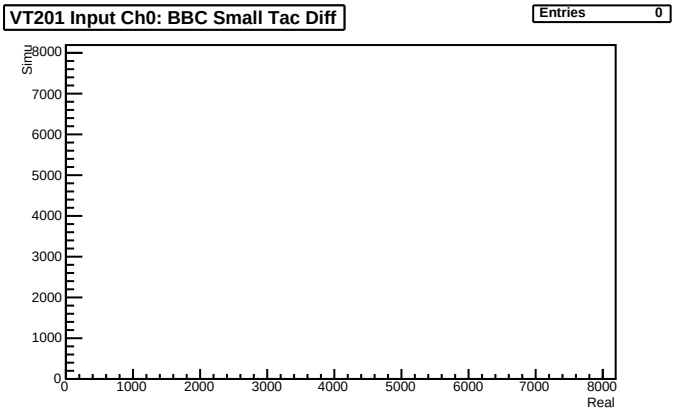

zdcWestTac
Entries 99047

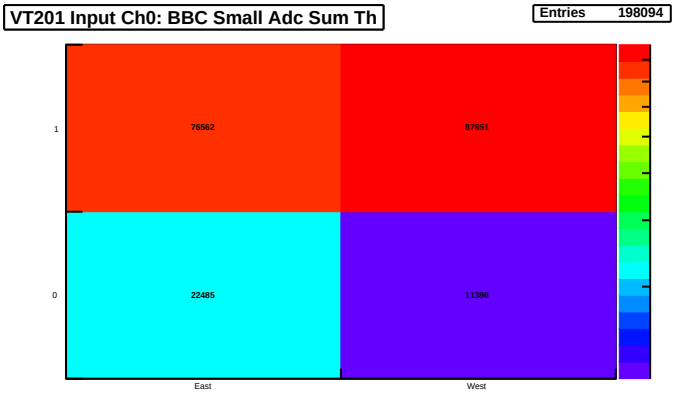

zdcWestTacVsSimu
Entries 848
Data
Simu

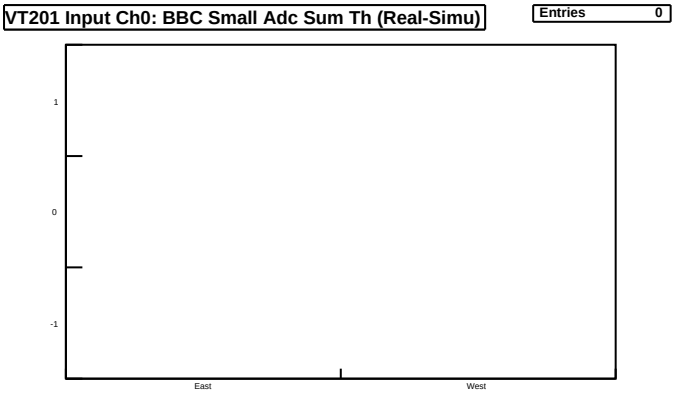

zdcAdcSum
Entries 1188564
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

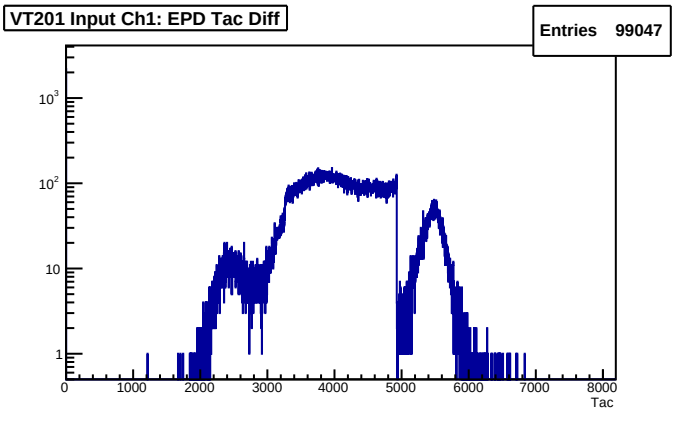

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

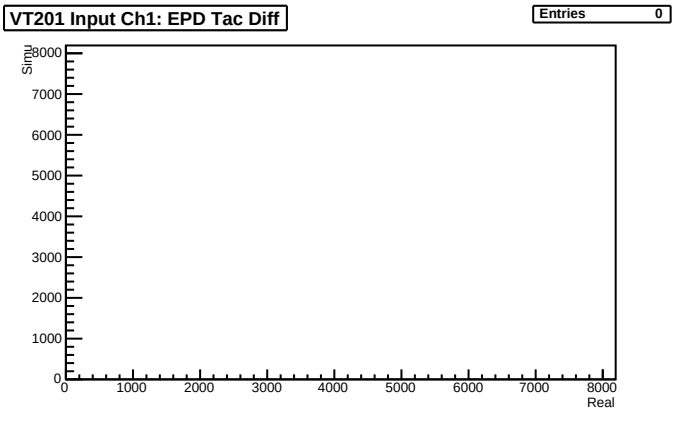

VT201 Input Ch0: BBC Small Tac Diff
Entries 99047
Tac

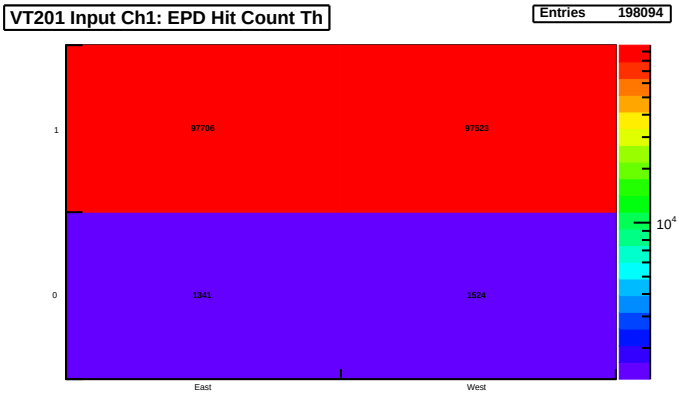

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

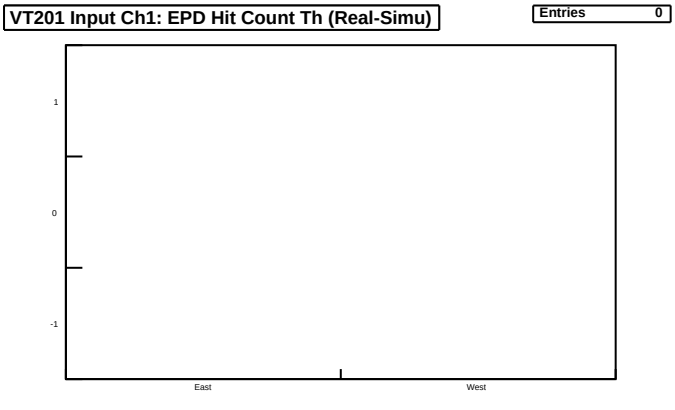

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 198094
76562
87651
22485
11396
East
West

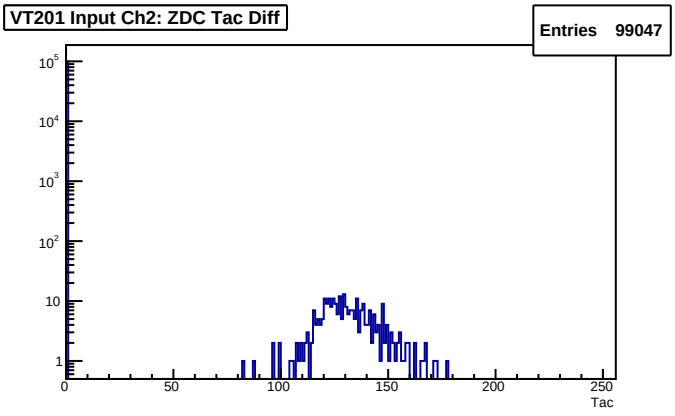

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

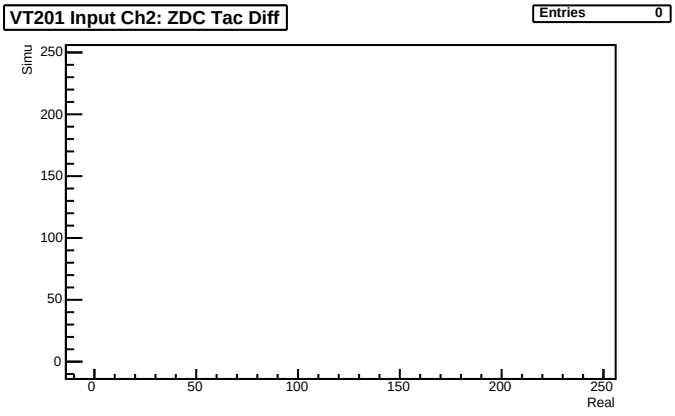

VT201 Input Ch1: EPD Tac Diff
Entries 99047
Tac

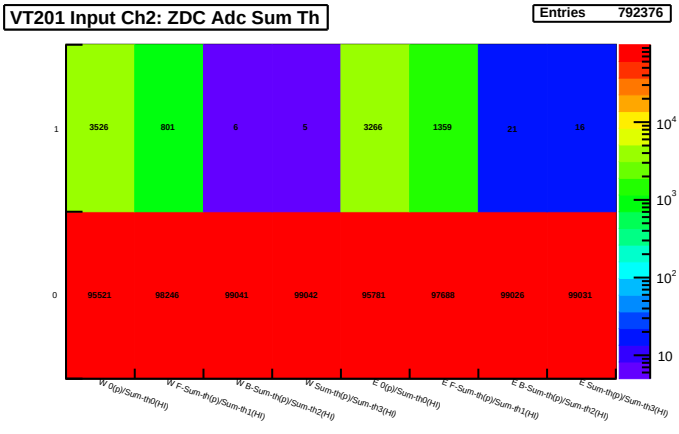

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

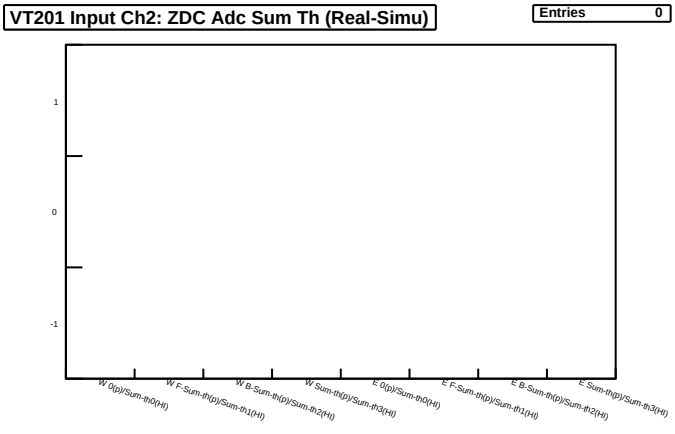

VT201 Input Ch1: EPD Hit Count Th
Entries 198094
97706
97523
1341
1524
East
West

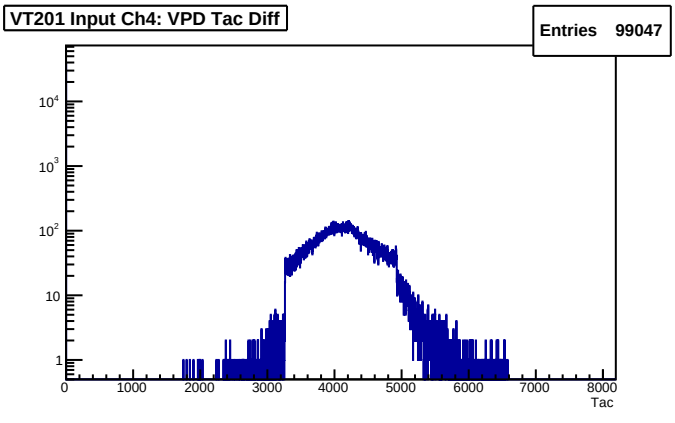

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

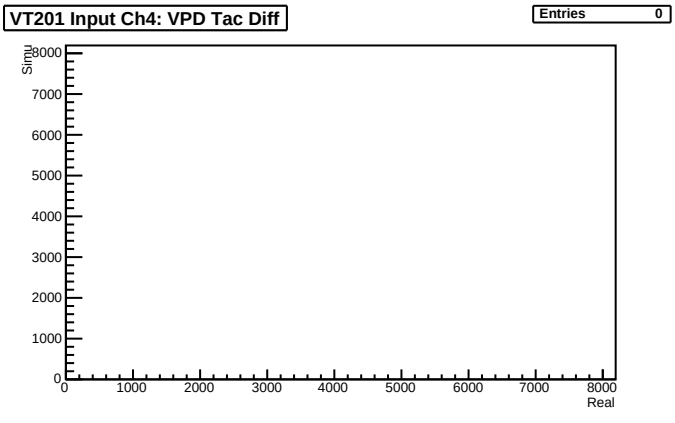

VT201 Input Ch2: ZDC Tac Diff
Entries 99047
Tac

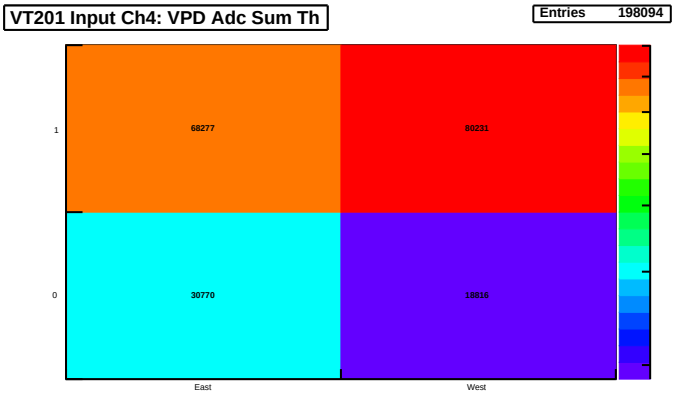

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

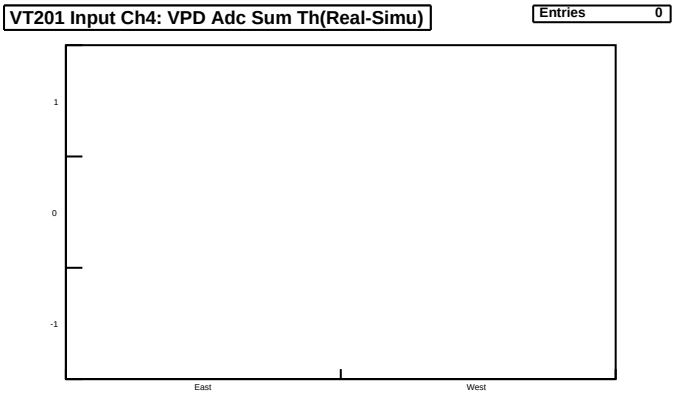

VT201 Input Ch2: ZDC Adc Sum Th
Entries 792376
3526
801
6
5
3266
1359
21
16
95521
98246
99041
99042
95781
97688
99026
99031
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

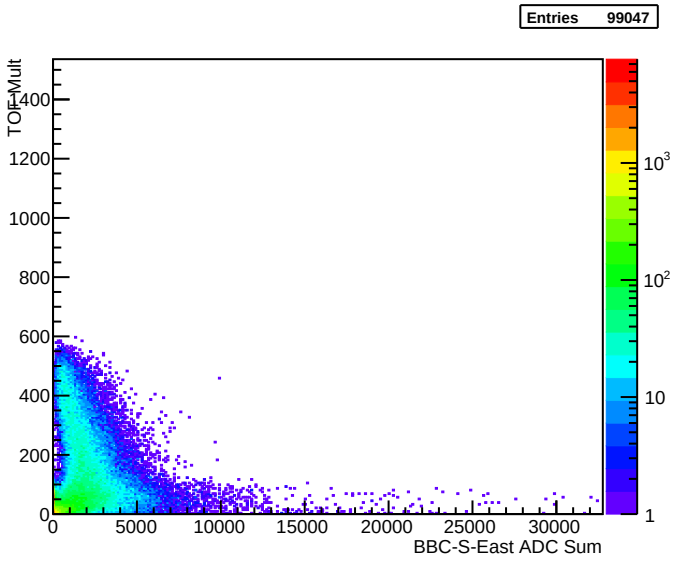

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

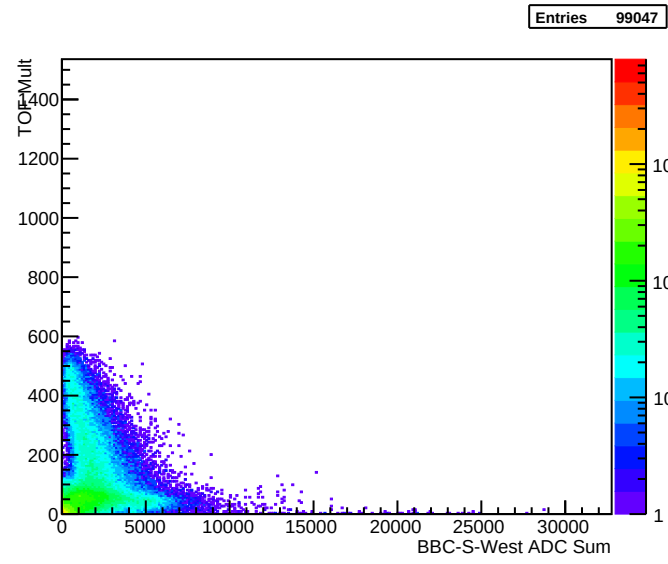

VT201 Input Ch4: VPD Tac Diff
Entries 99047
Tac

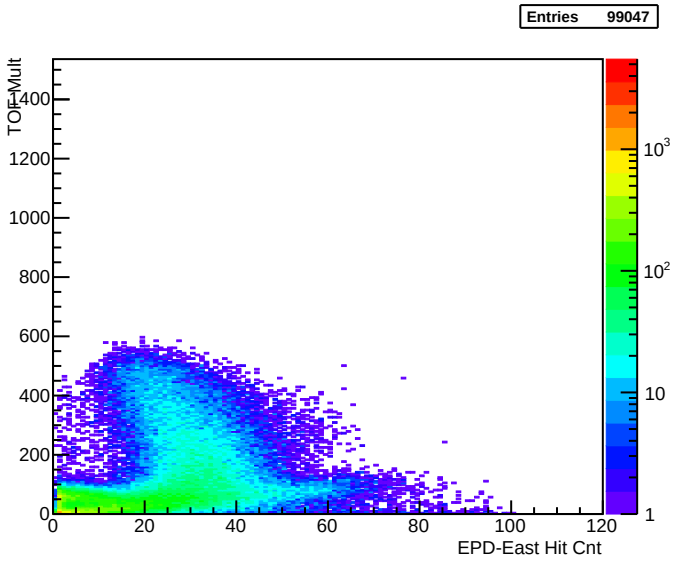

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

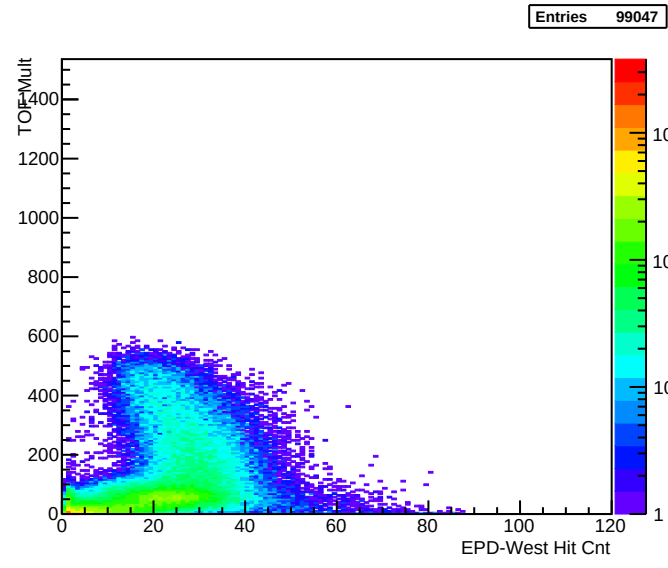

VT201 Input Ch4: VPD Adc Sum Th
Entries 198094
68277
80231
30770
18816
East
West

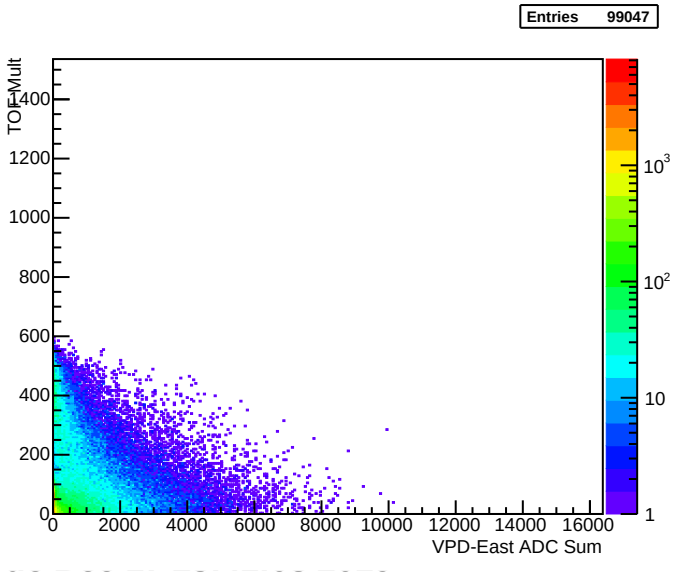

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

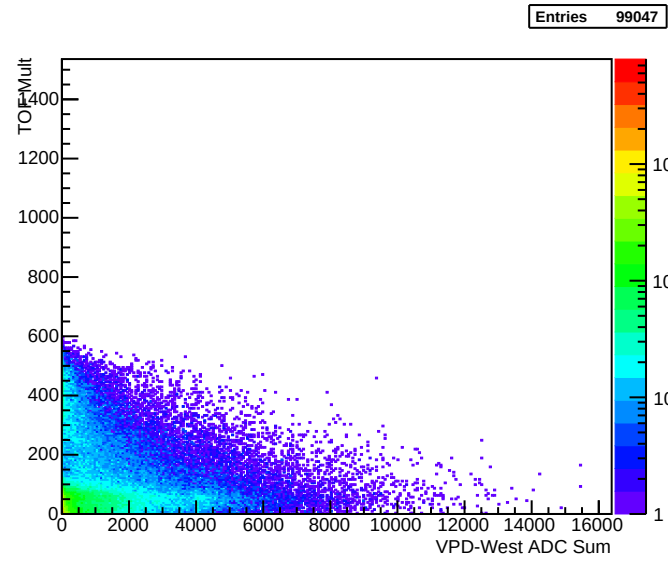

Entries 99047
TOF-Mult
BBC-S-East ADC Sum

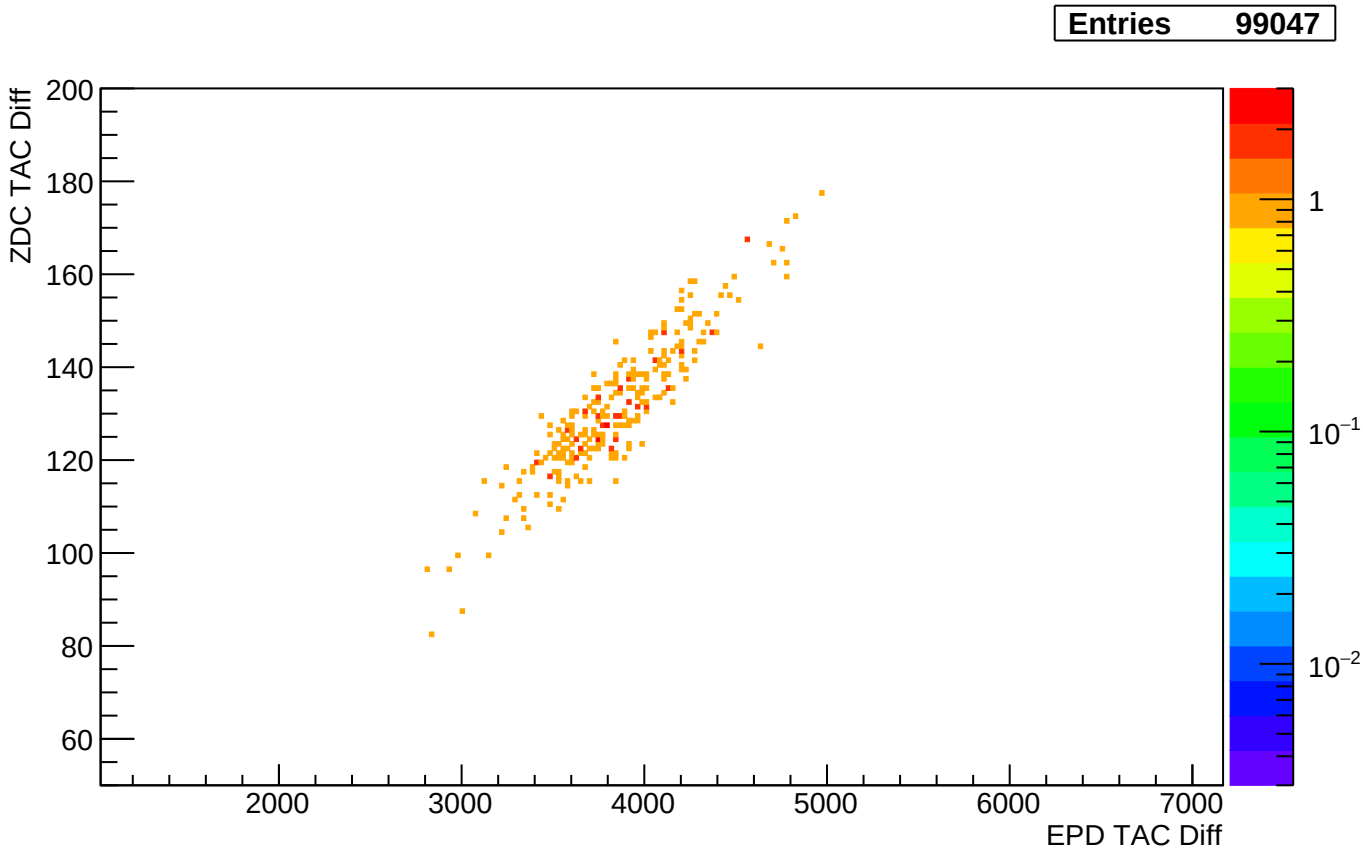

Entries 99047
TOF-Mult
BBC-S-West ADC Sum

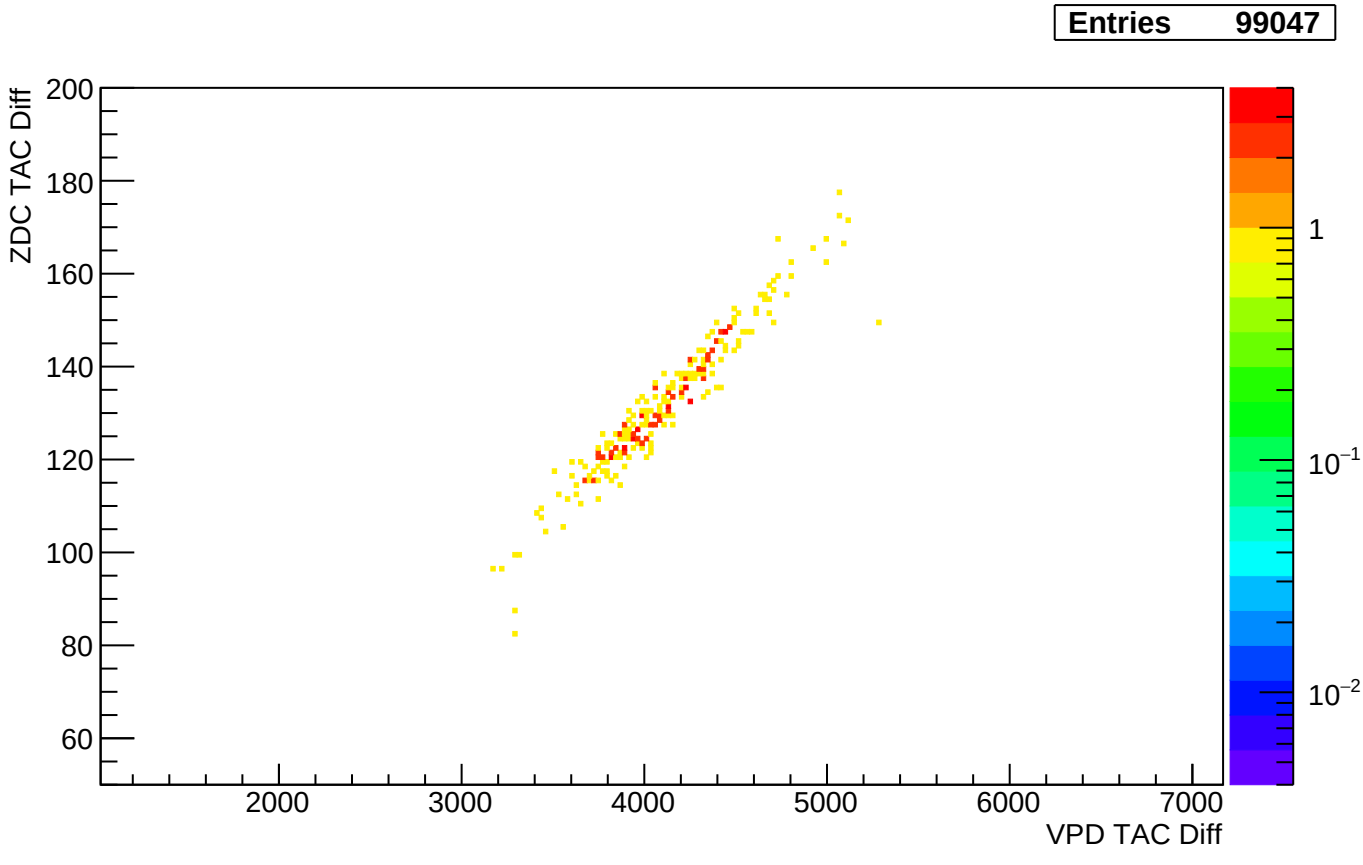

Entries 99047
TOF-Mult
EPD-East Hit Cnt

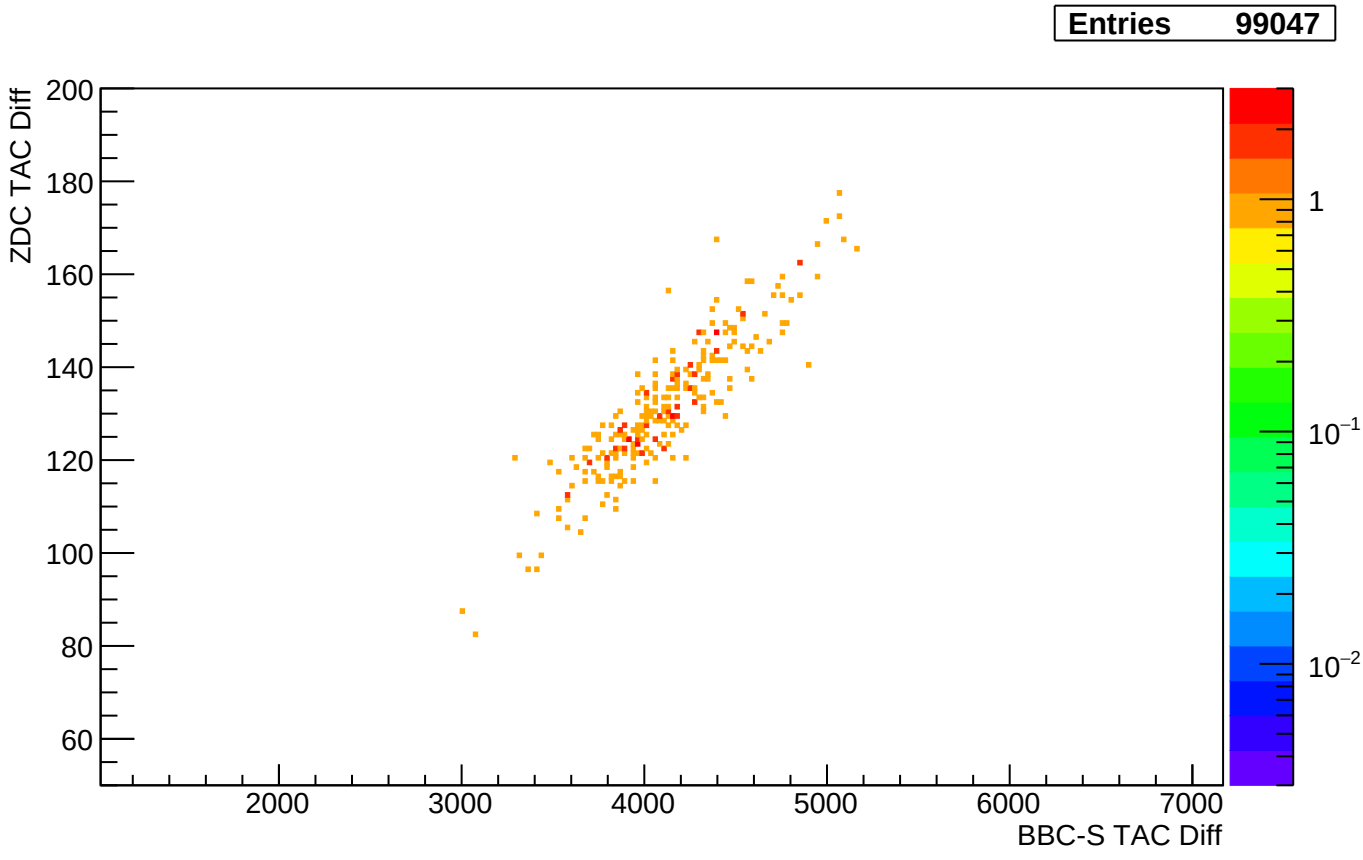

Entries 99047
TOF-Mult
EPD-West Hit Cnt

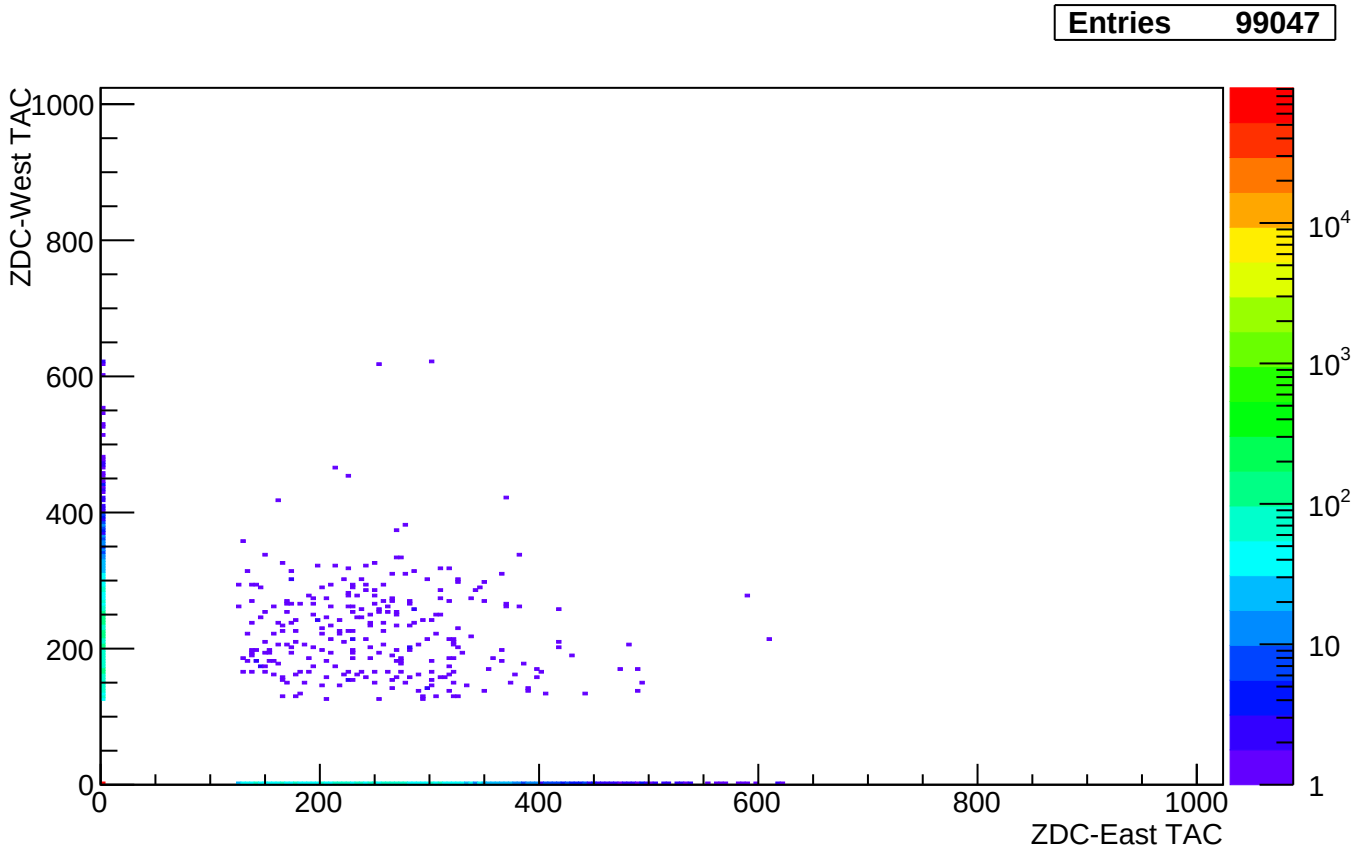

Entries 99047
TOF-Mult
VPD-East ADC Sum

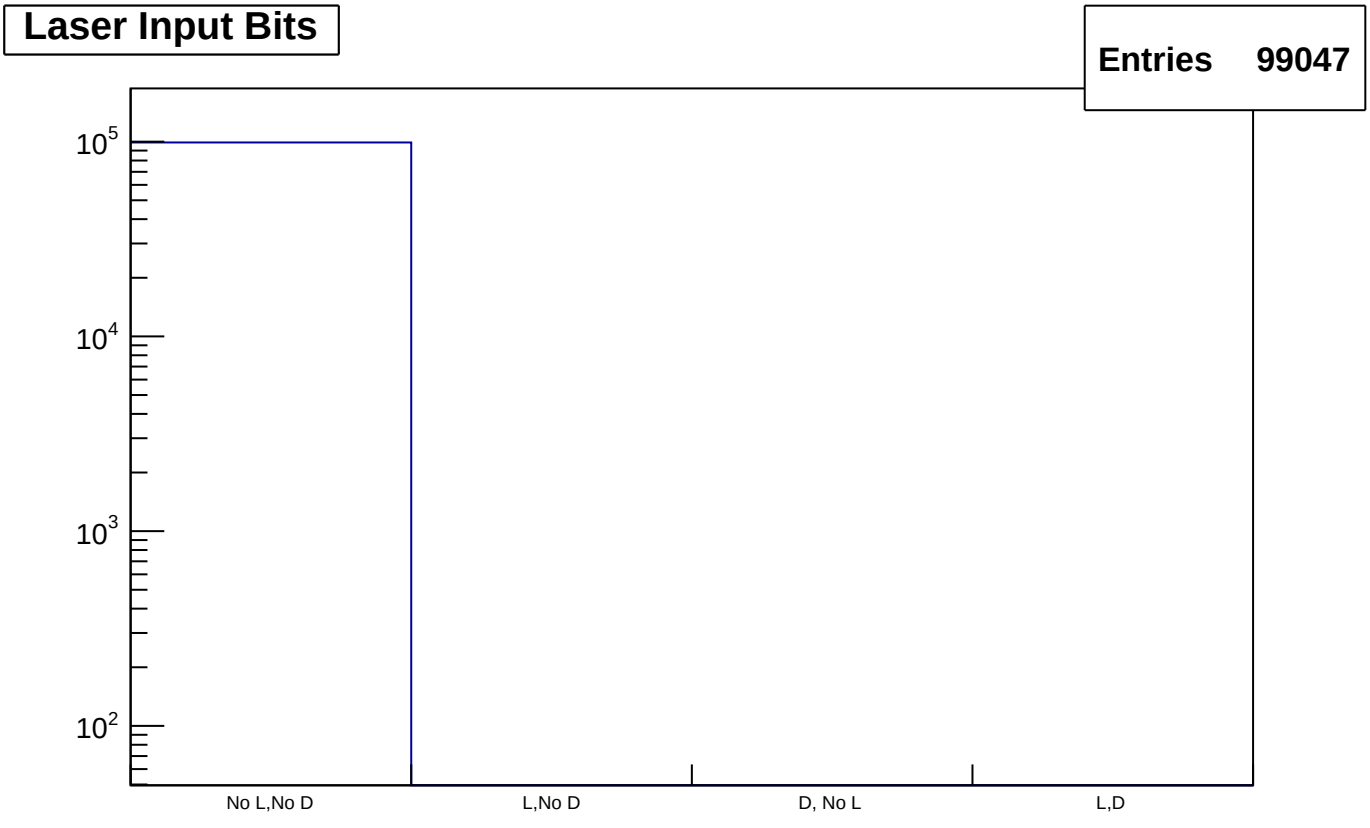

Entries 99047
TOF-Mult
VPD-West ADC Sum

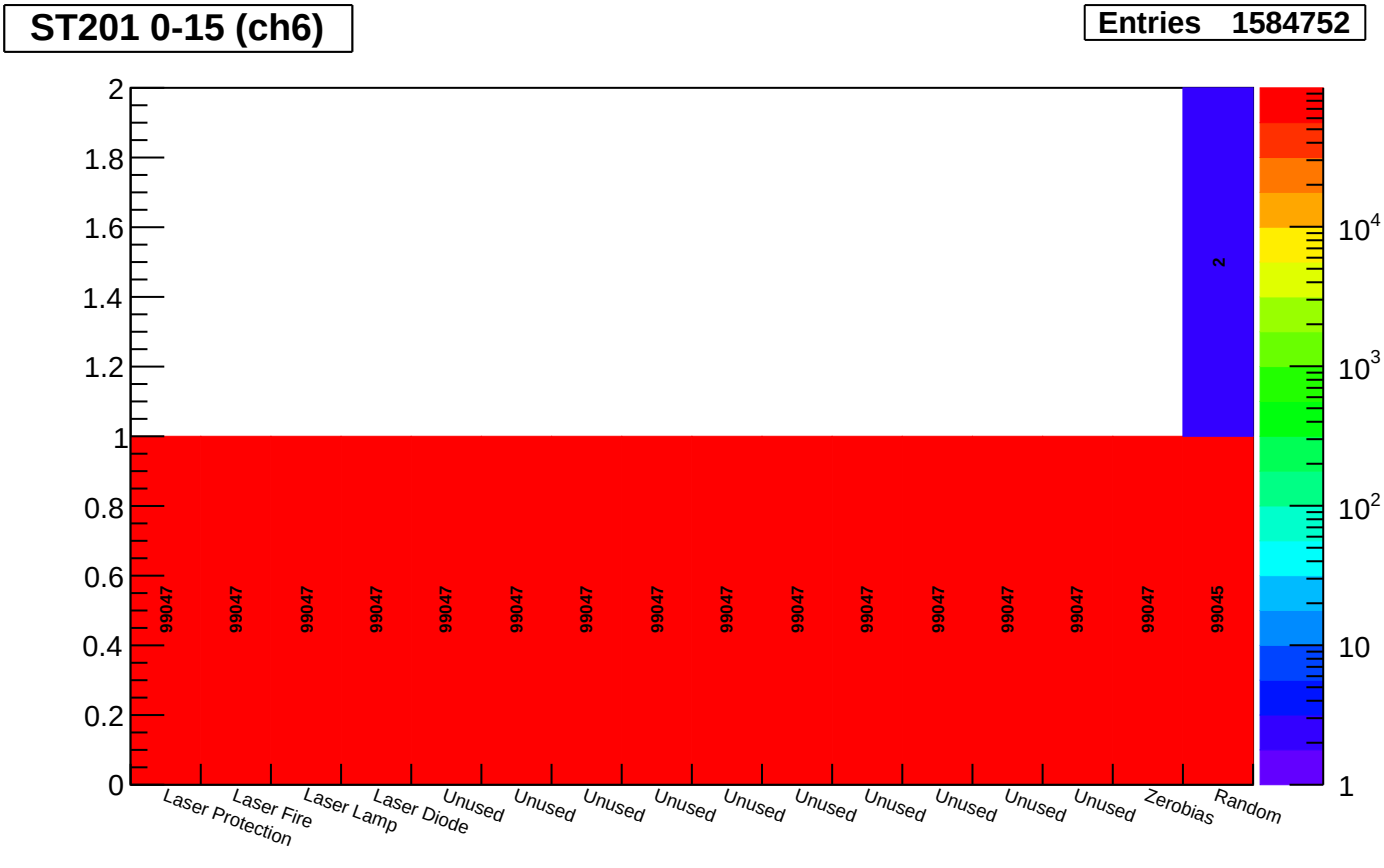

Entries 99047
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

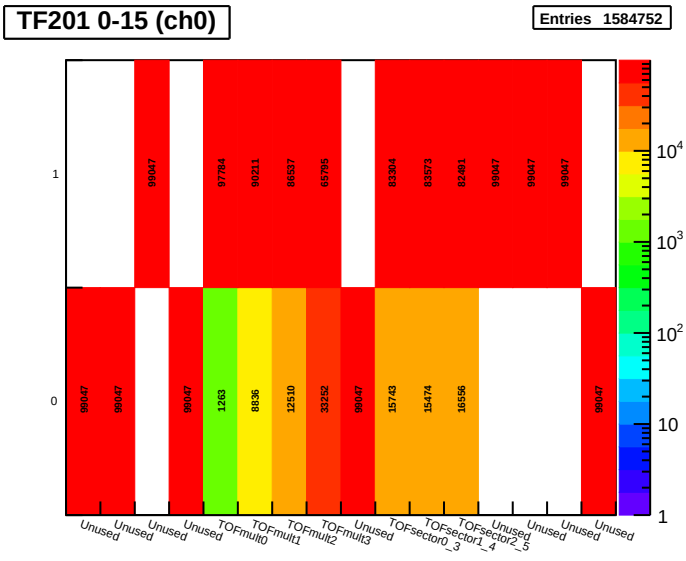

Entries 99047
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

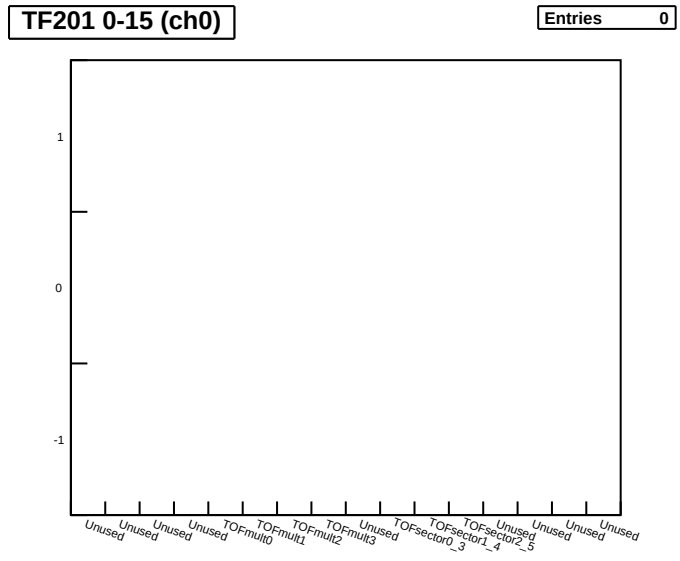

Entries 99047
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

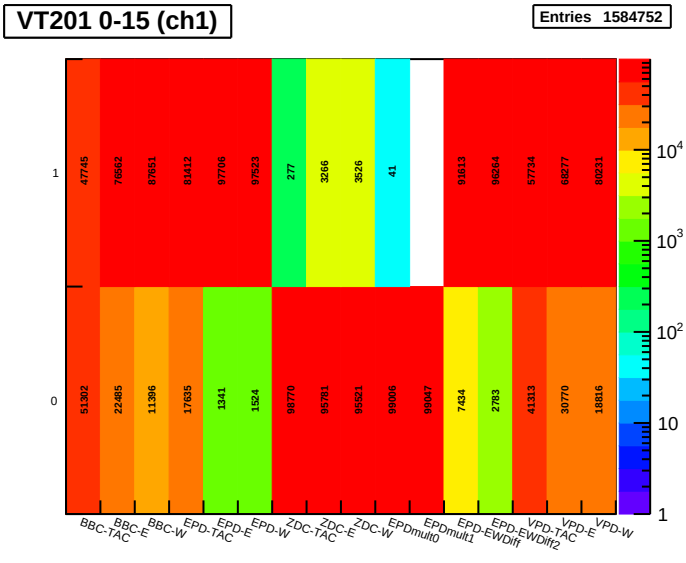

Entries 99047
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

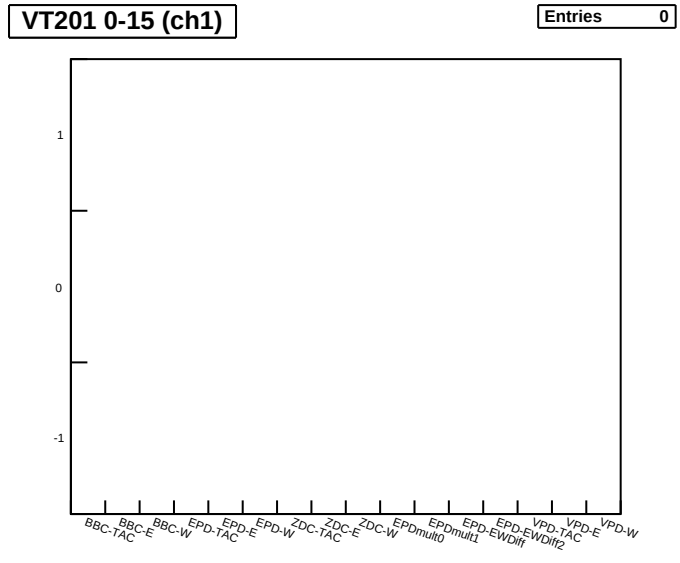

Laser Input Bits
Entries 99047
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

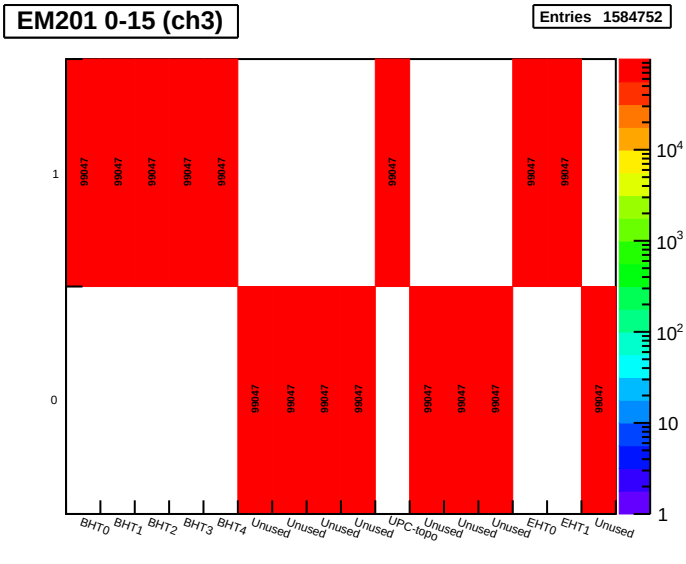

ST201 0-15 (ch6)
Entries 1584752
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
99047
99045
2
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

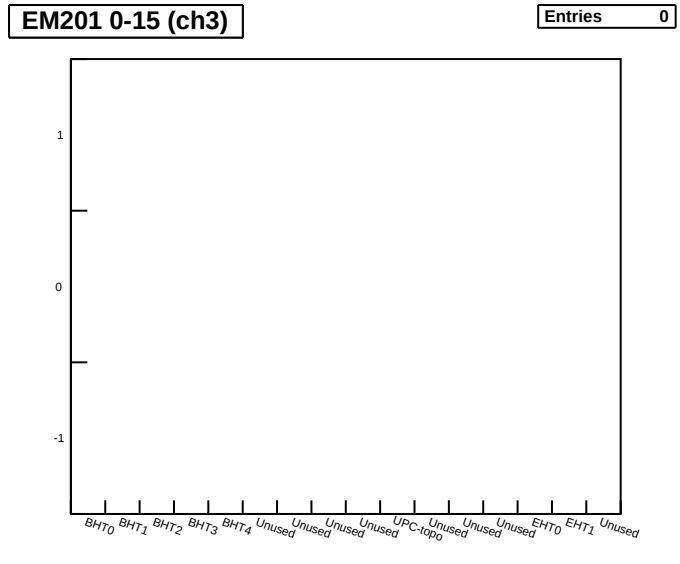

TF201 0-15 (ch0)
Entries 1584752
99047
97784
90211
86537
65795
83304
83573
82491
99047
99047
99047
99047
99047
99047
1263
8836
12510
33252
99047
15743
15474
16556
99047
1
0
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^4
10^3
10^2
10
1


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 1584752
47745
76562
87651
81412
97706
97523
277
3266
3526
41
91613
95264
57734
63277
80231
51302
22485
11396
17635
1341
1524
98770
95781
95521
99006
99047
7434
2783
41313
30770
18816
1
0
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 1584752
99047
99047
99047
99047
99047
99047
99047
99047
99047
99047
99047
99047
99047
99047
99047
99047
1
0
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