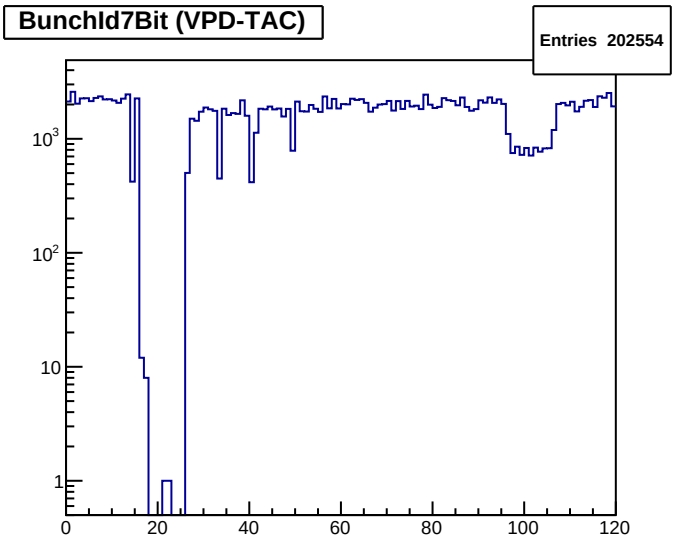
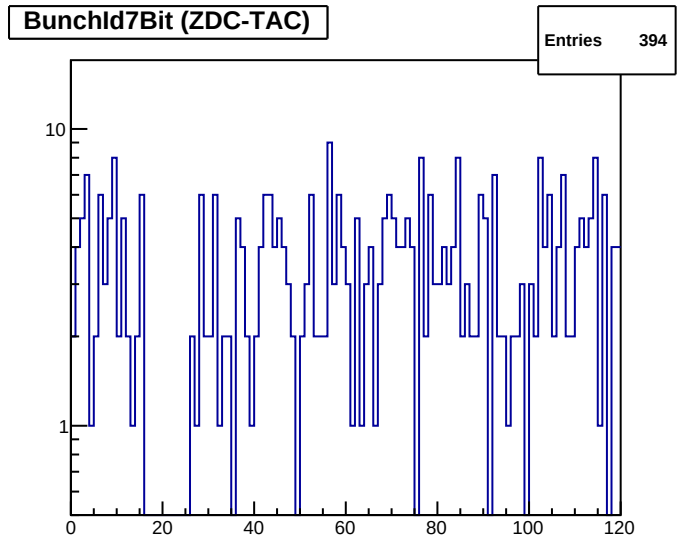
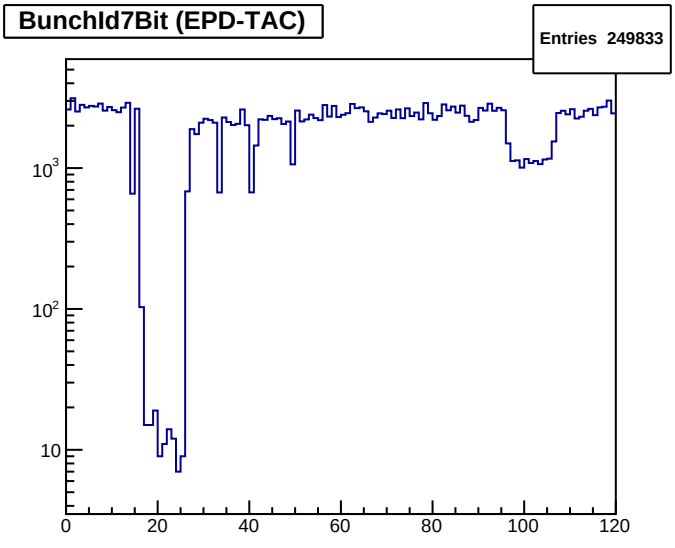
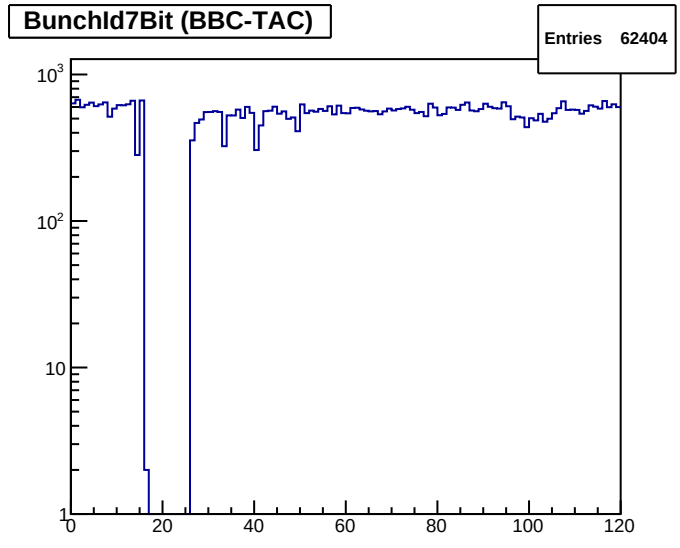
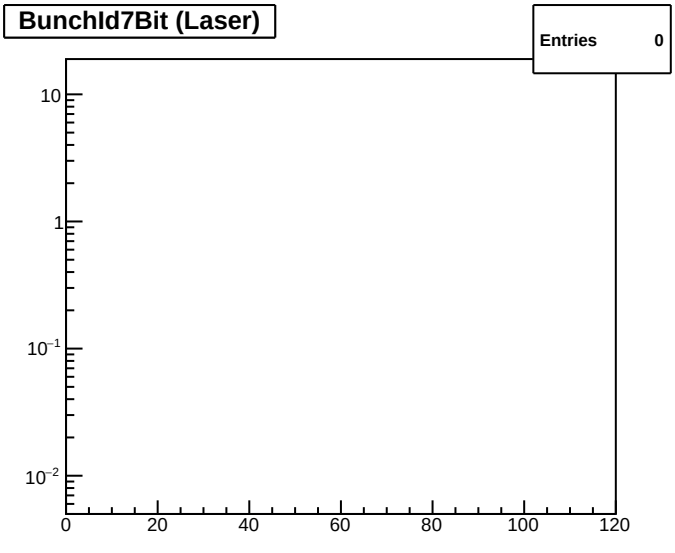
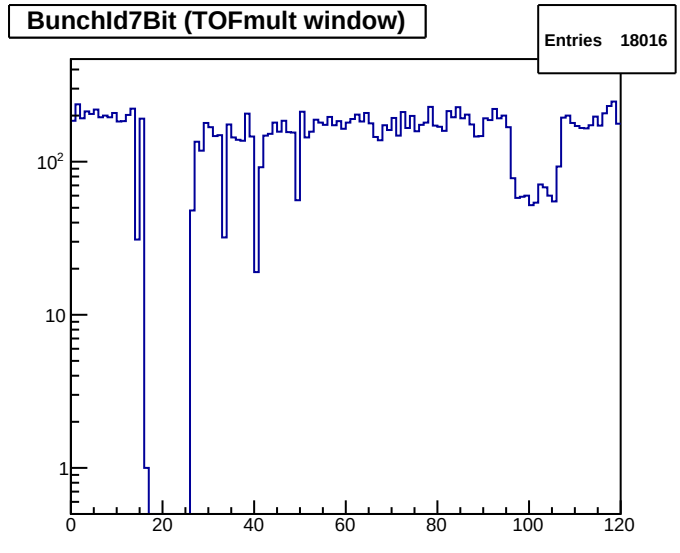

BunchId7Bit (VPD-TAC)
Entries 202554

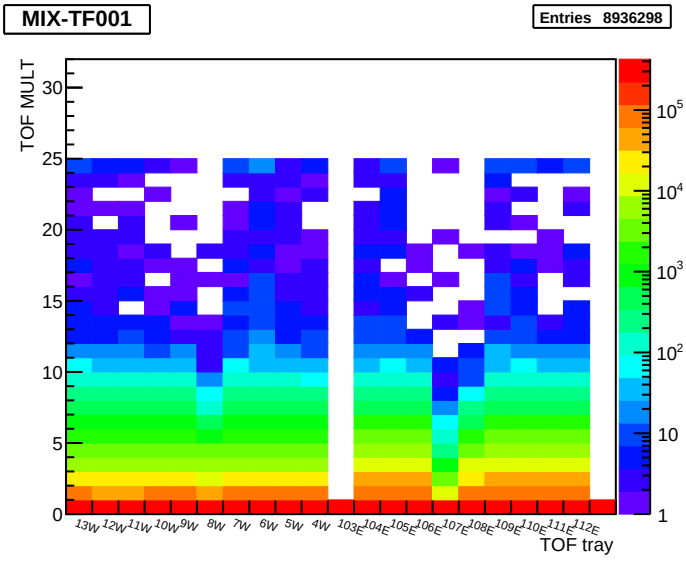

BunchId7Bit (ZDC-TAC)
Entries 394

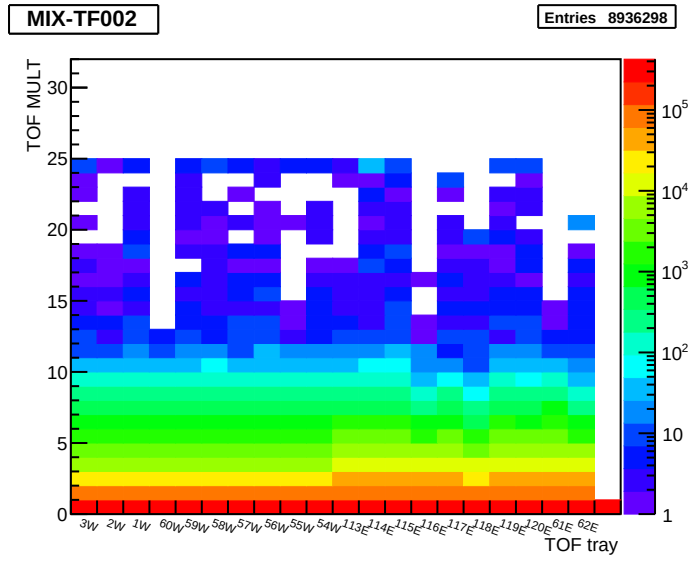

BunchId7Bit (EPD-TAC)
Entries 249833

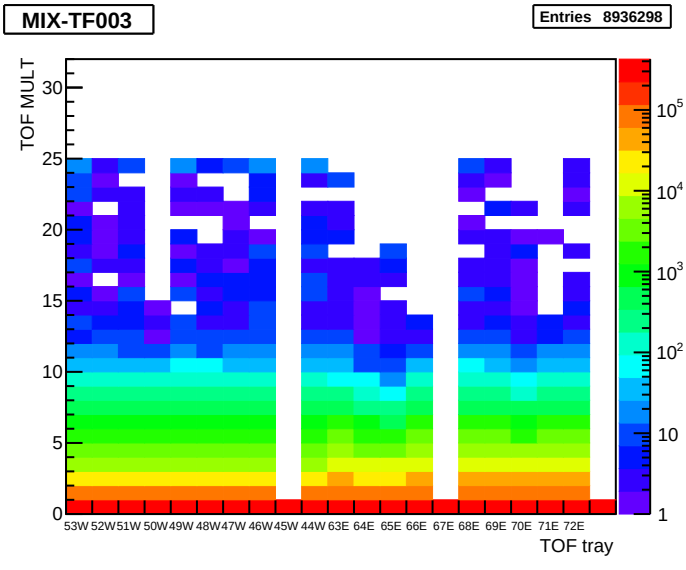

BunchId7Bit (BBC-TAC)
Entries 62404

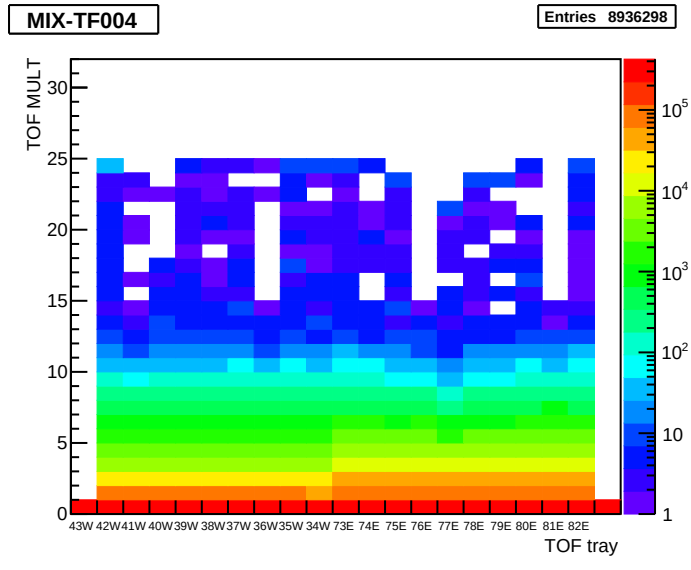

BunchId7Bit (Laser)
Entries 0

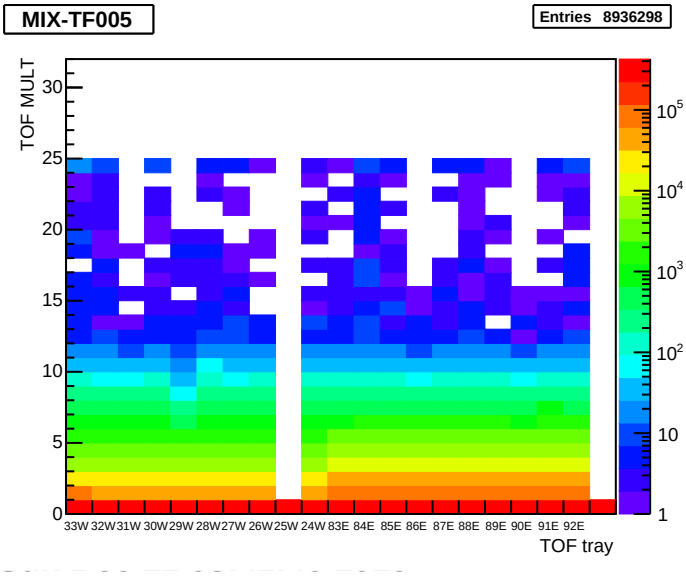

BunchId7Bit (TOFmult window)
Entries 18016

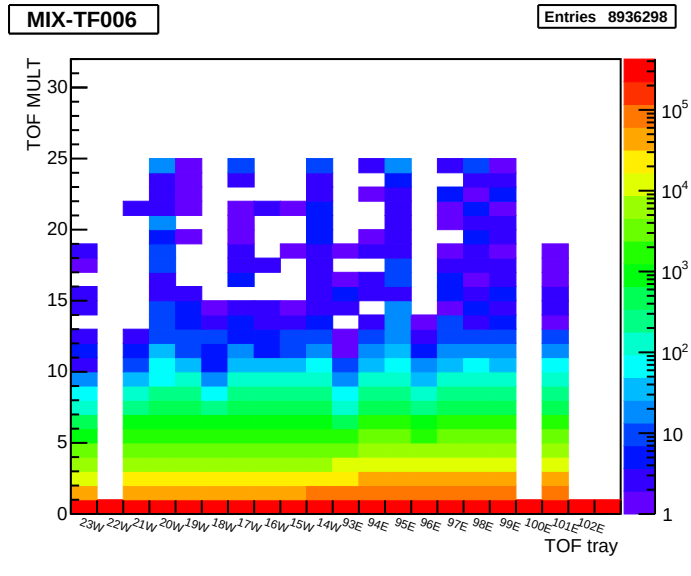

MIX-TF001
Entries 8936298
TOF MULT
TOF tray

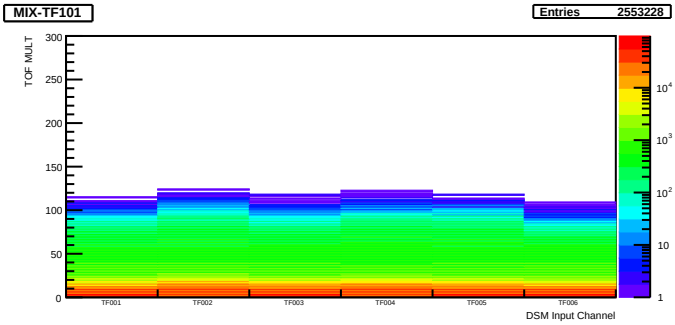

MIX-TF002
Entries 8936298
TOF MULT
TOF tray

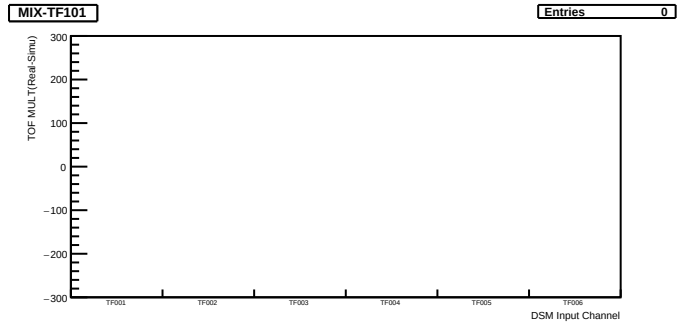

MIX-TF003
Entries 8936298
TOF MULT
TOF tray

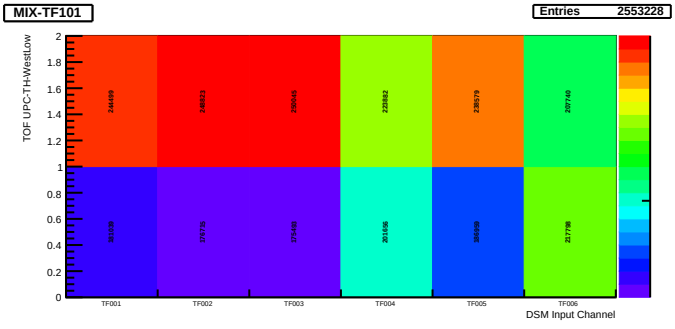

MIX-TF004
Entries 8936298
TOF MULT
TOF tray

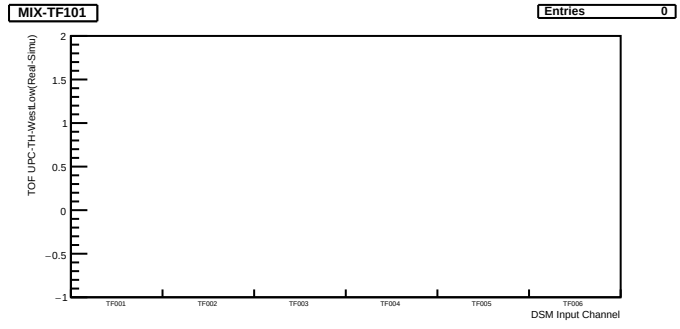

MIX-TF005
Entries 8936298
TOF MULT
TOF tray

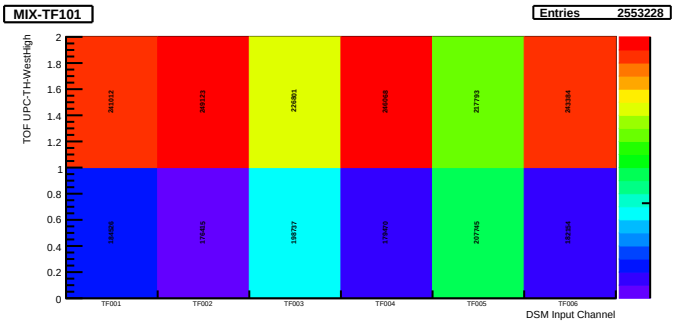

MIX-TF006
Entries 8936298
TOF MULT
TOF tray

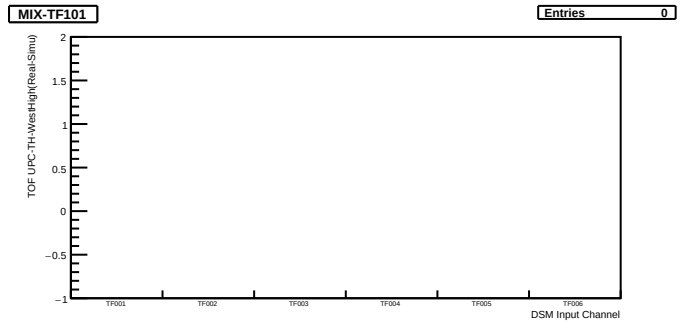

MIX-TF101
Entries 2553228
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

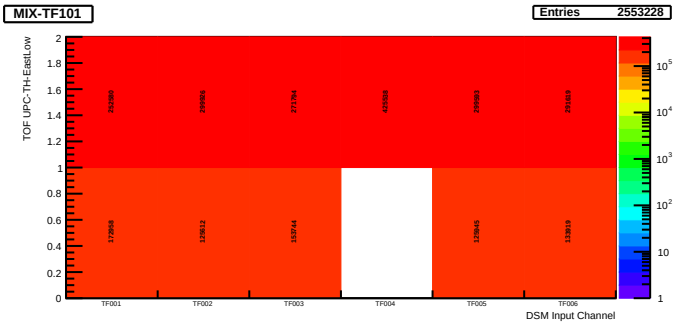

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

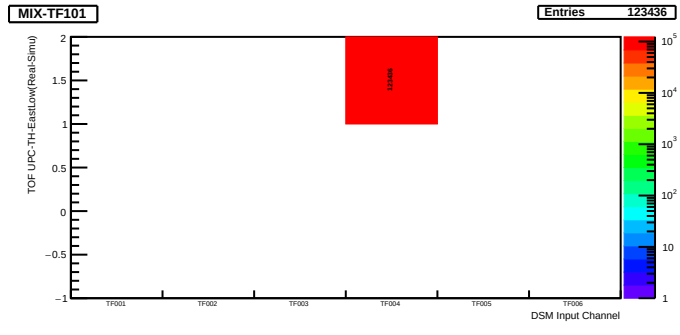

MIX-TF101
Entries 2553228
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

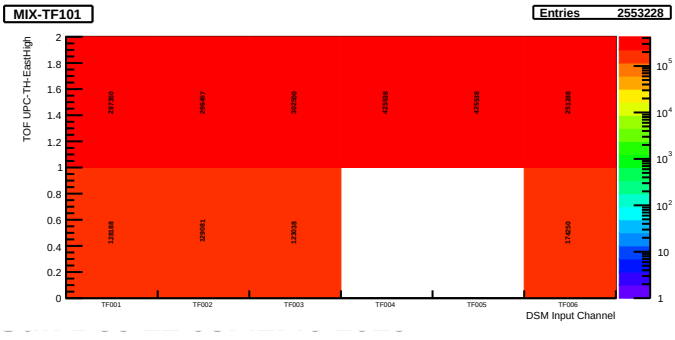

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

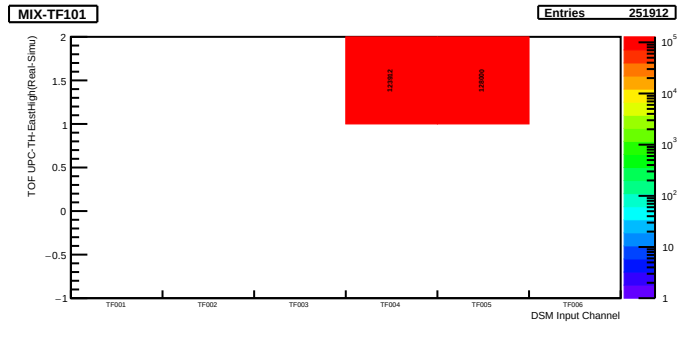

MIX-TF101
Entries 2553228
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

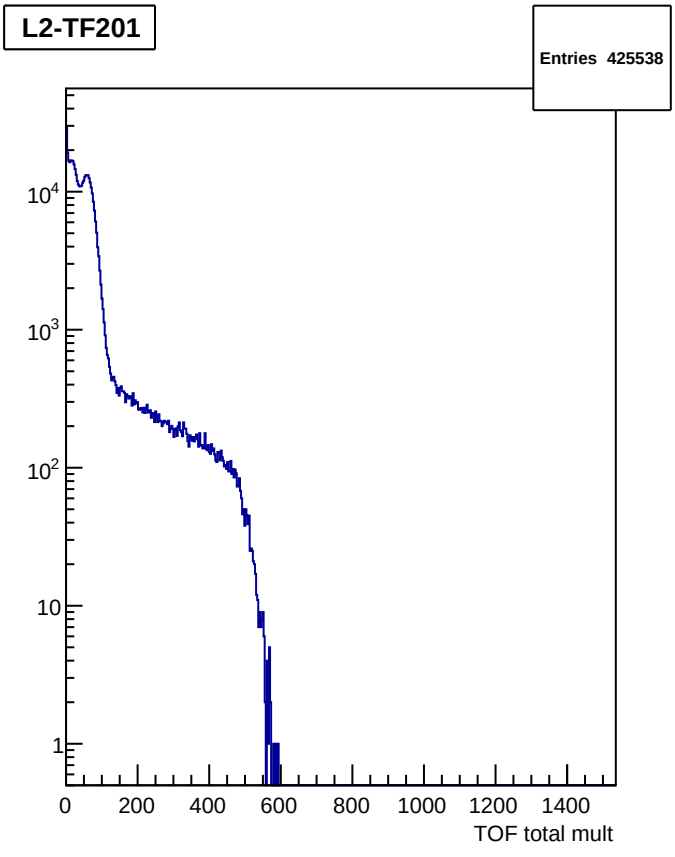

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

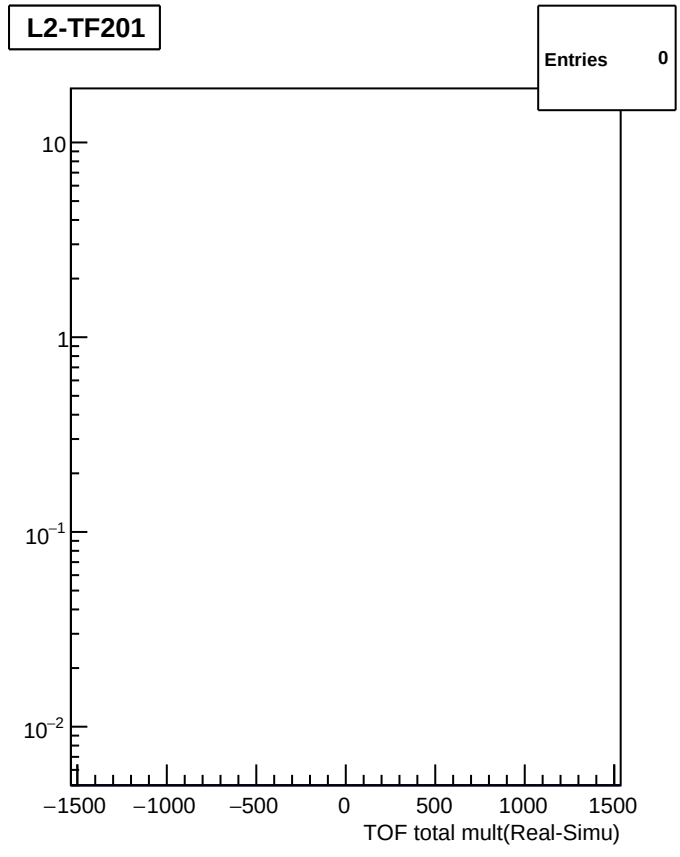

MIX-TF101
Entries 2553228
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

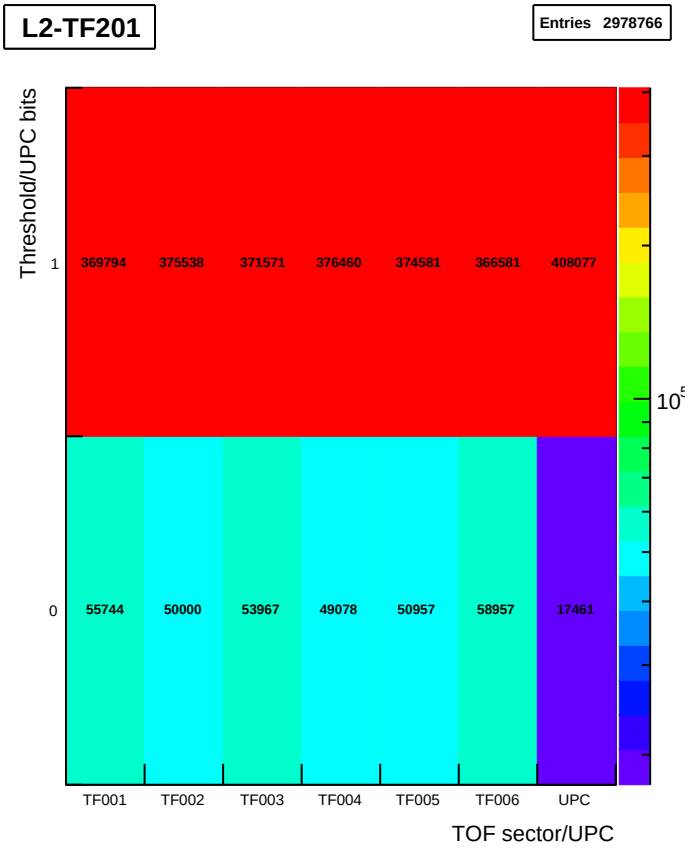

MIX-TF101
Entries 123436
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

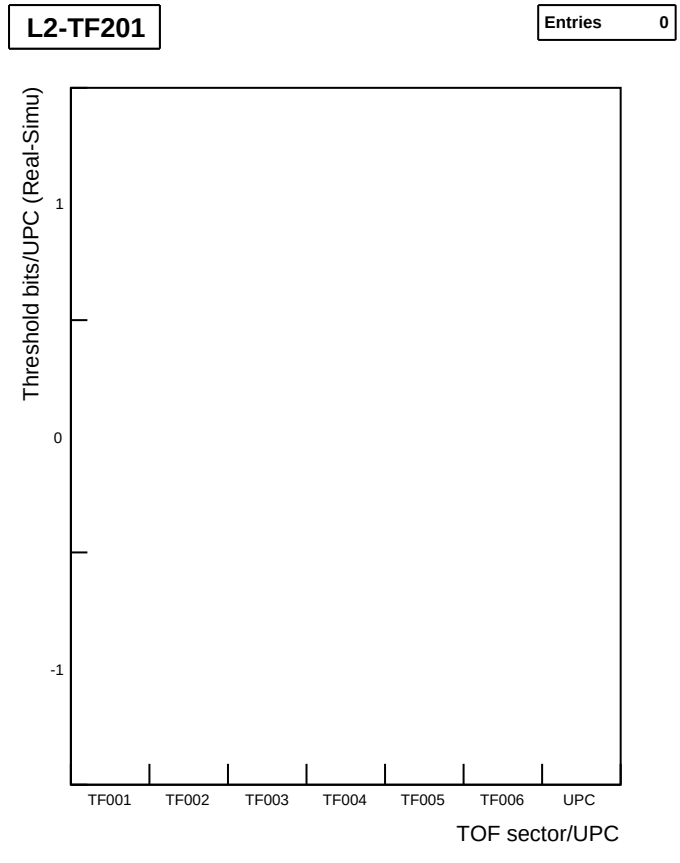

MIX-TF101
Entries 2553228
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

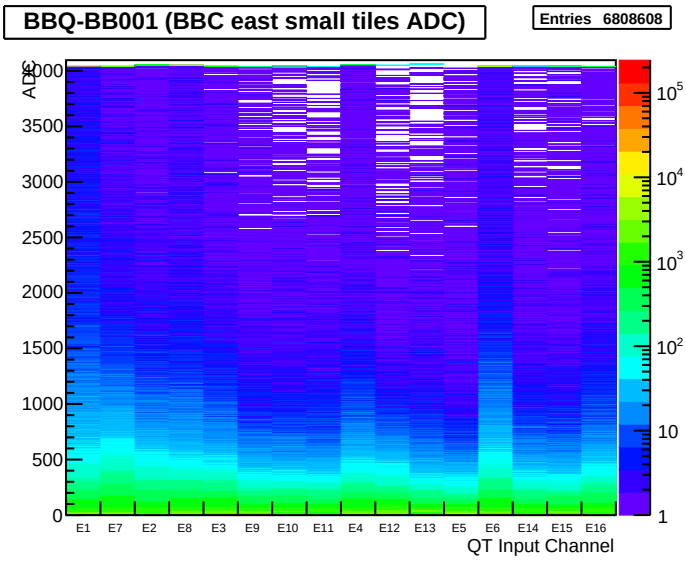

MIX-TF101
Entries 251912
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

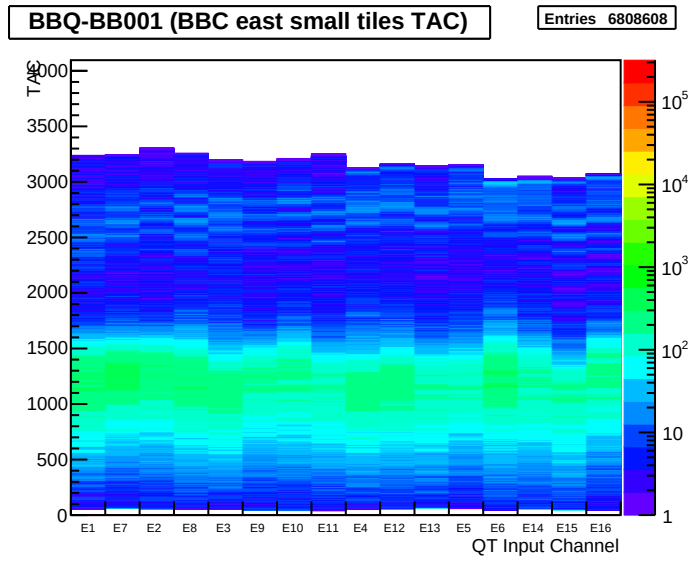

L2-TF201
Entries 425538
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

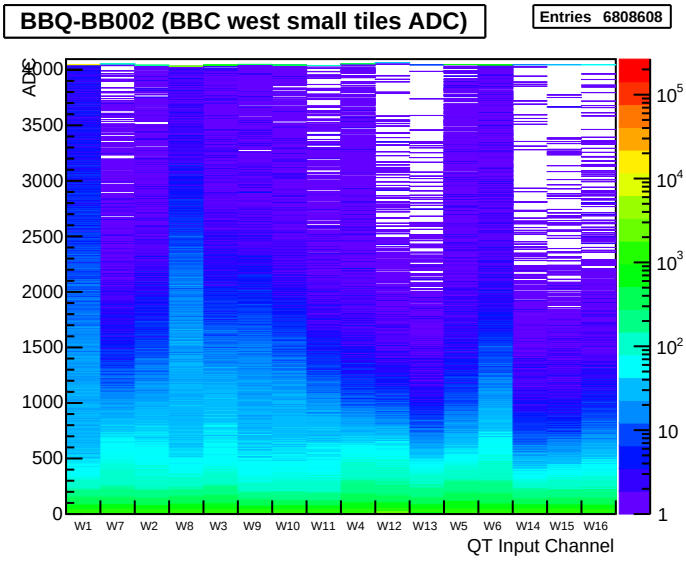

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

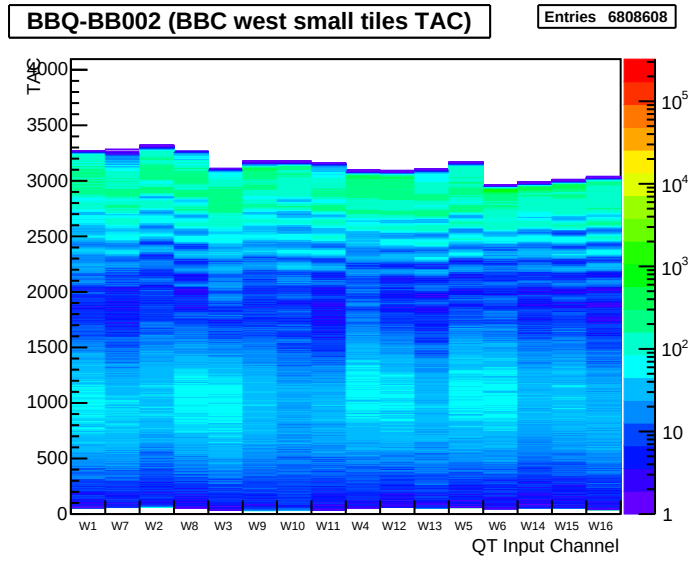

L2-TF201
Entries 2978766
Threshold/UPC bits
1
0
369794
375538
371571
376460
374581
366581
408077
55744
50000
53967
49078
50957
58957
17461
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

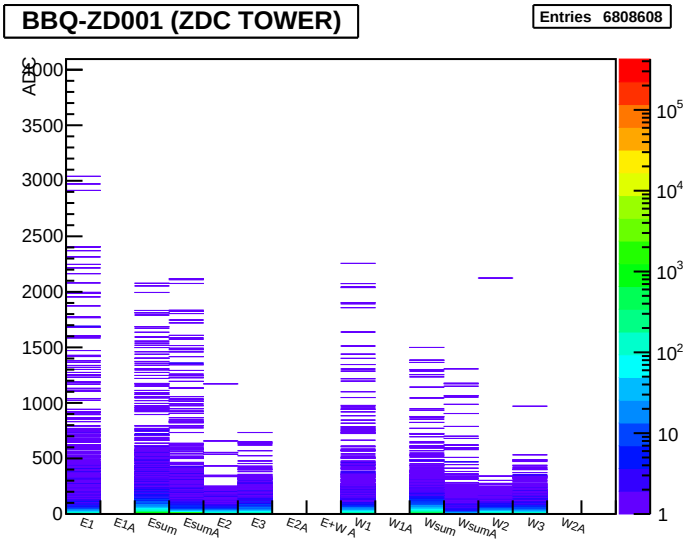

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

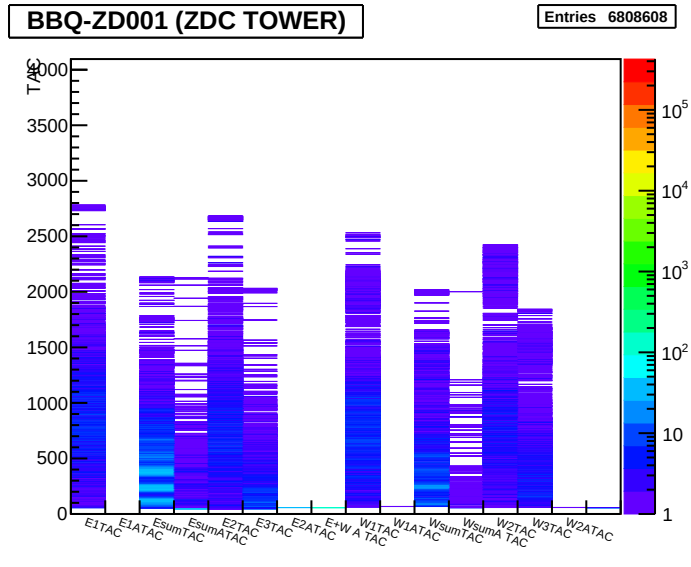

BBQ-BB001 (BBC east small tiles ADC)
Entries 6808608
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

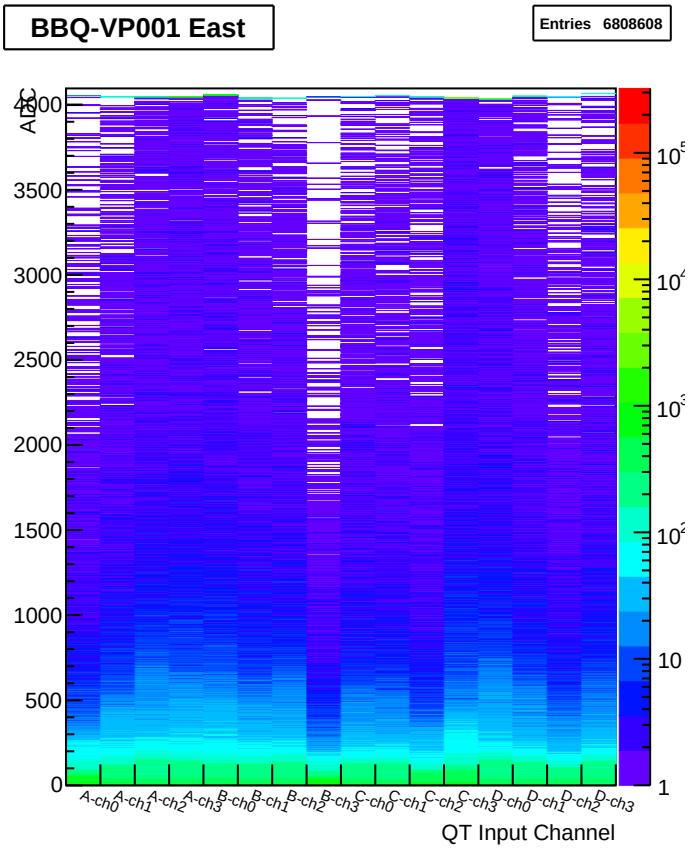

BBQ-BB001 (BBC east small tiles TAC)
Entries 6808608
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

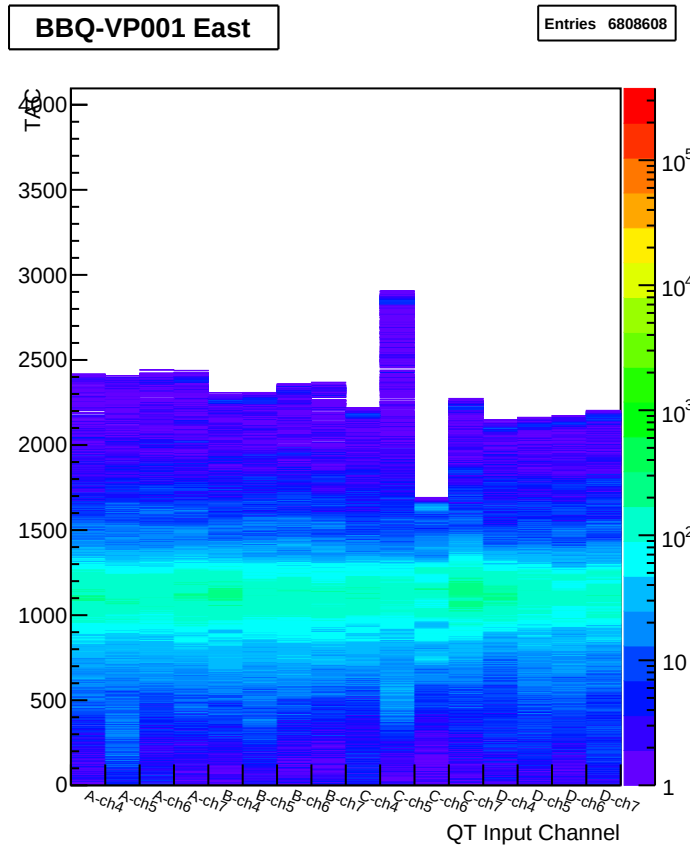

BBQ-BB002 (BBC west small tiles ADC)
Entries 6808608
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

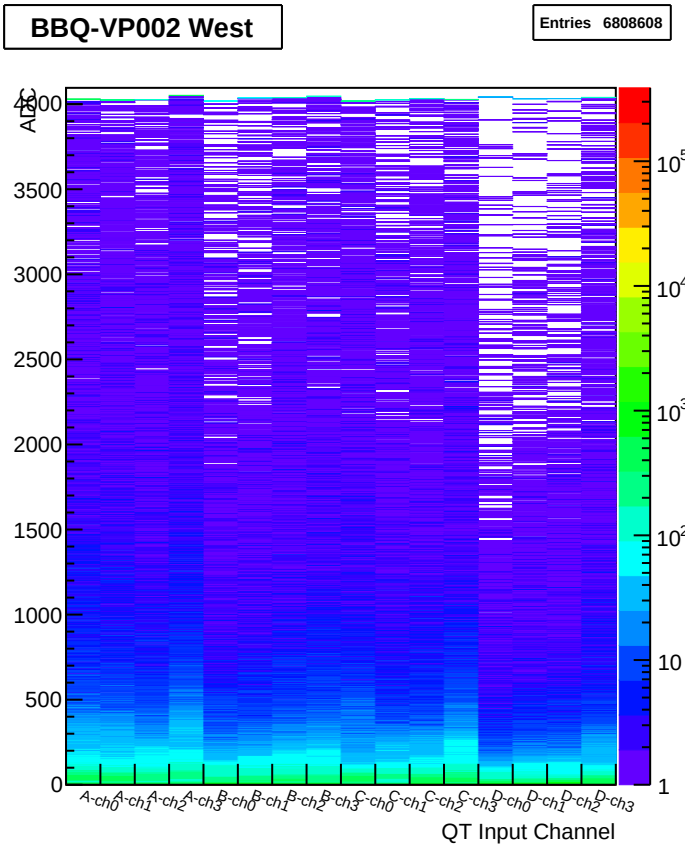

BBQ-BB002 (BBC west small tiles TAC)
Entries 6808608
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

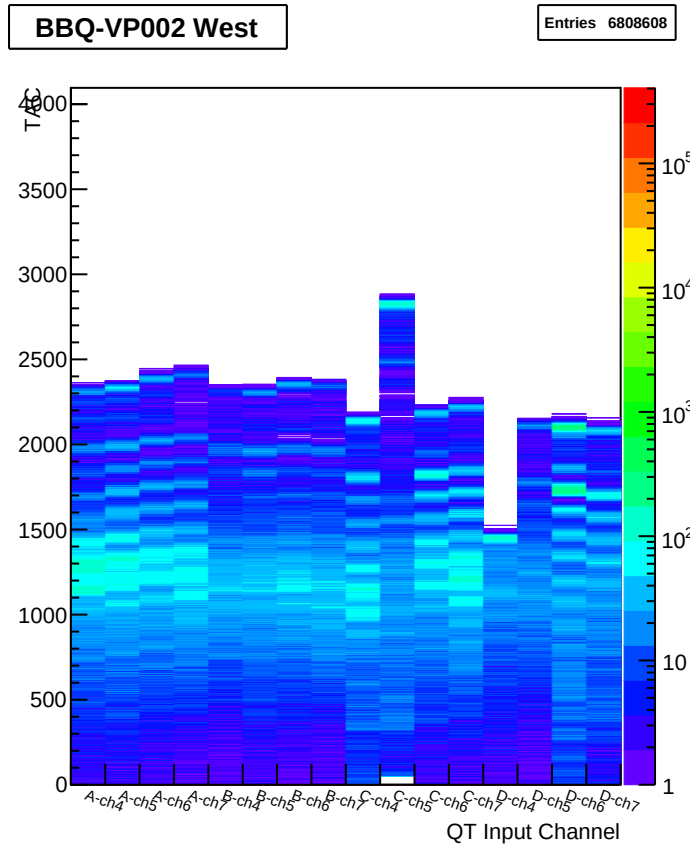

BBQ-ZD001 (ZDC TOWER)
Entries 6808608
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

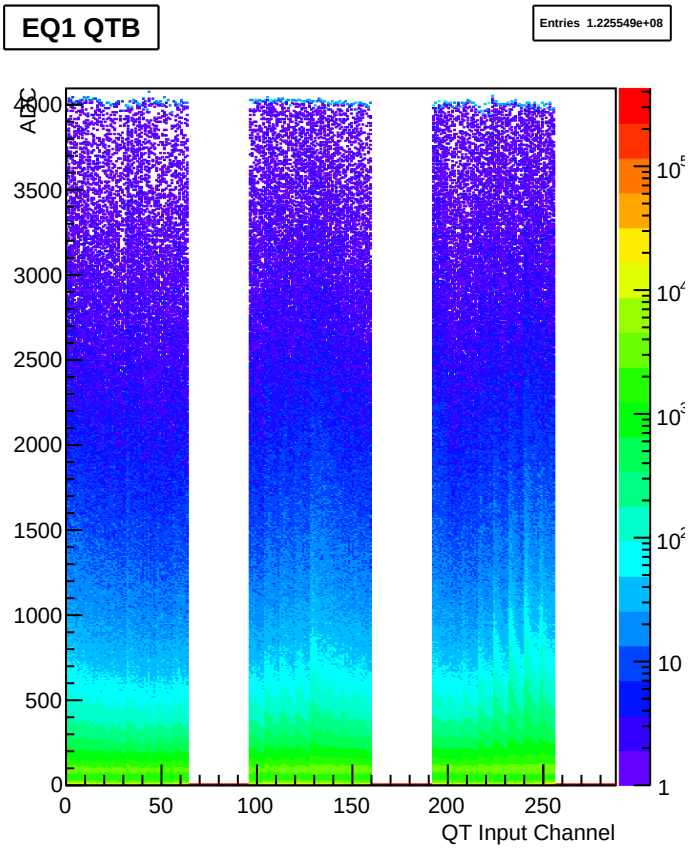

BBQ-ZD001 (ZDC TOWER)
Entries 6808608
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

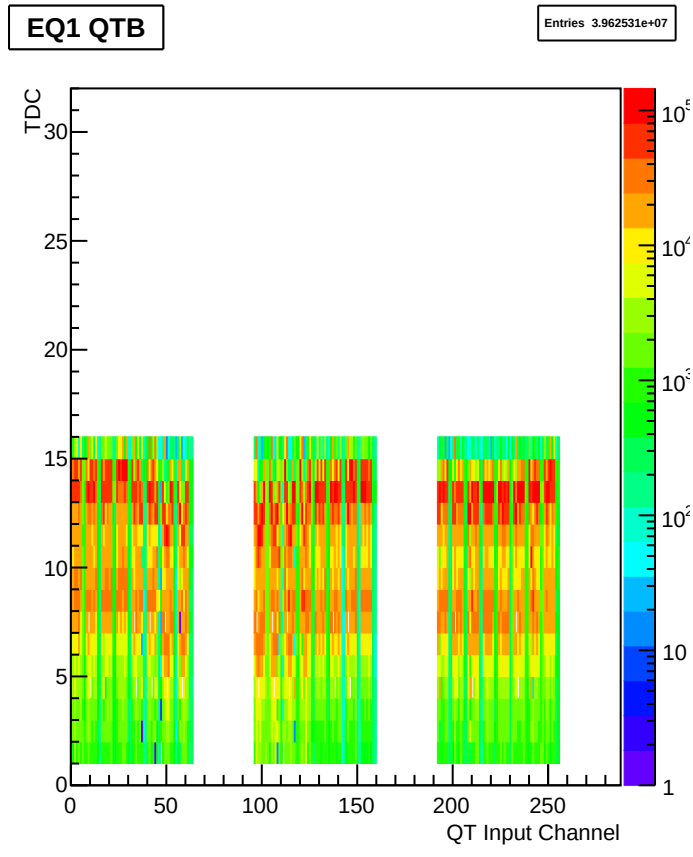

BBQ-VP001 East
Entries 6808608
ADC
QT Input Channel

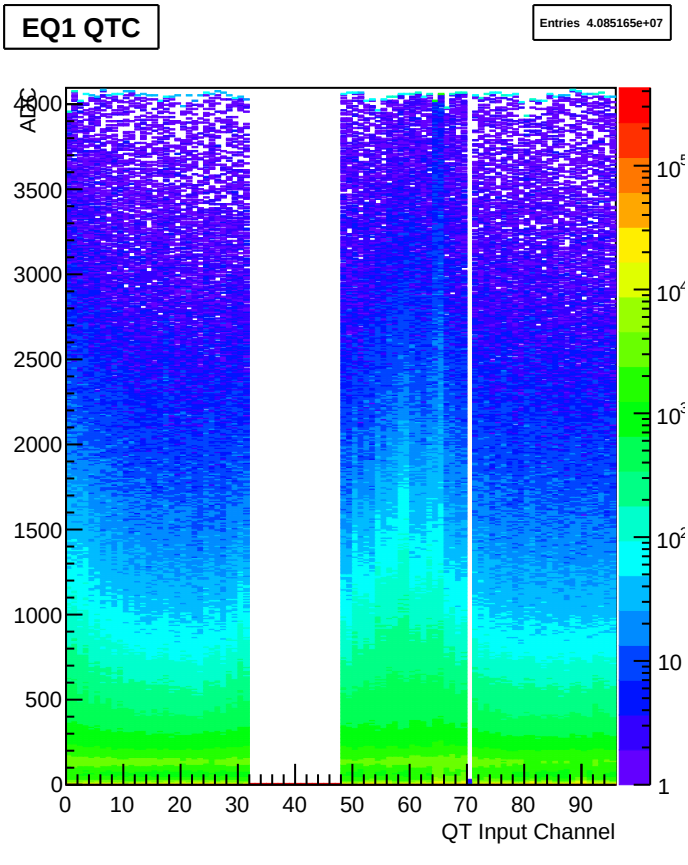

BBQ-VP001 East
Entries 6808608
TADC
QT Input Channel

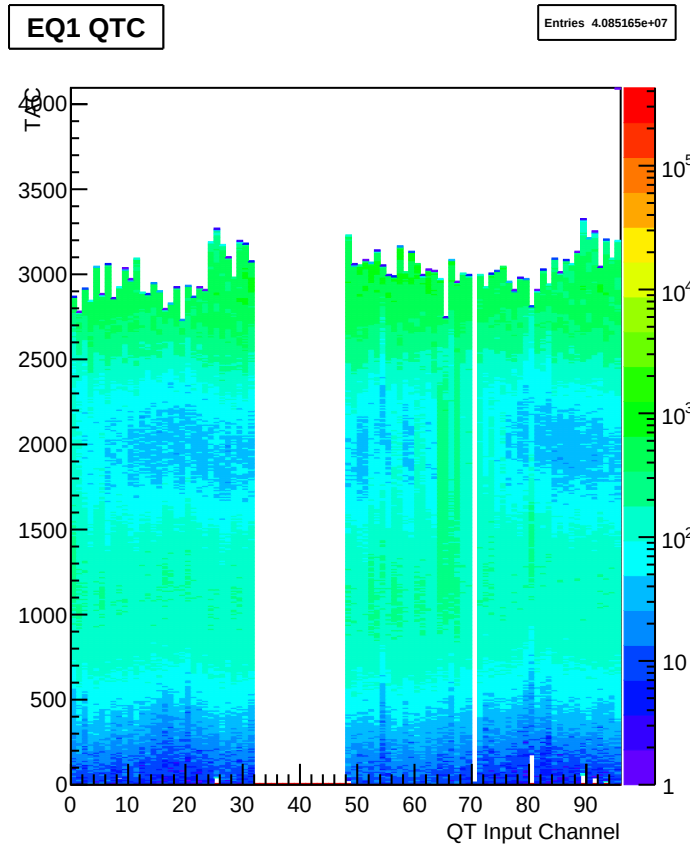

BBQ-VP002 West
Entries 6808608
ADC
QT Input Channel

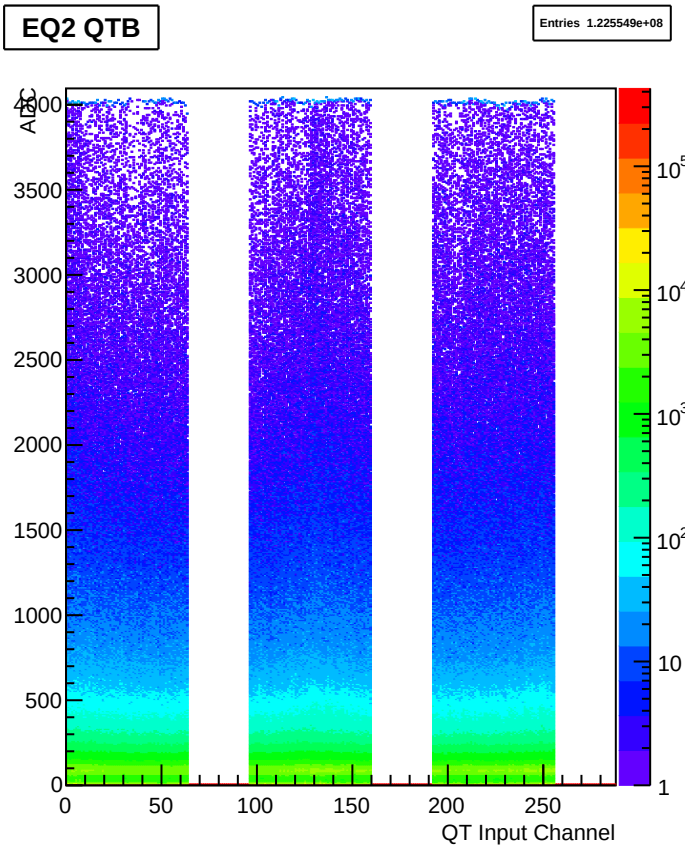

BBQ-VP002 West
Entries 6808608
TADC
QT Input Channel

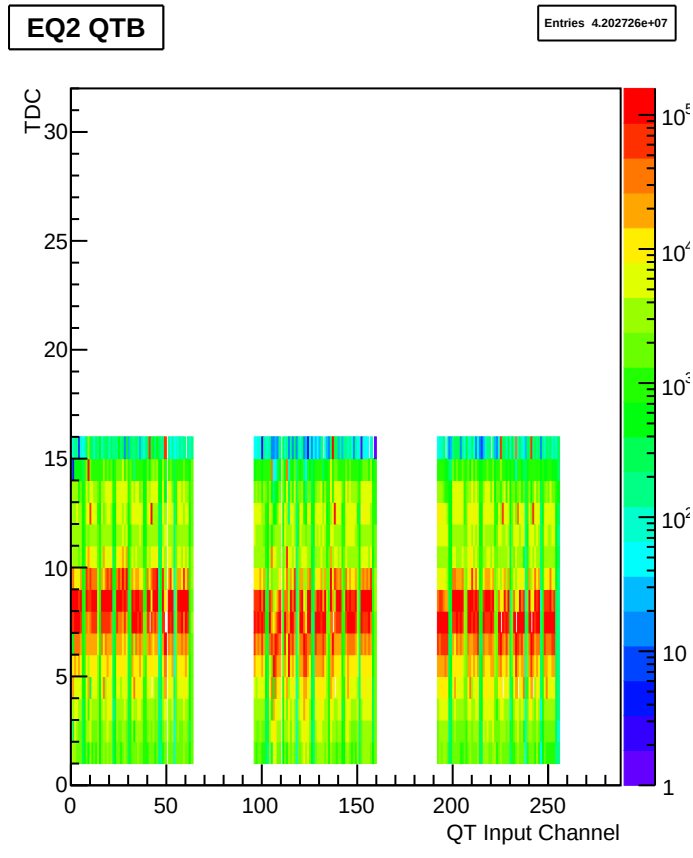

EQ1 QTB
Entries 1.225549e+08
ADC
QT Input Channel

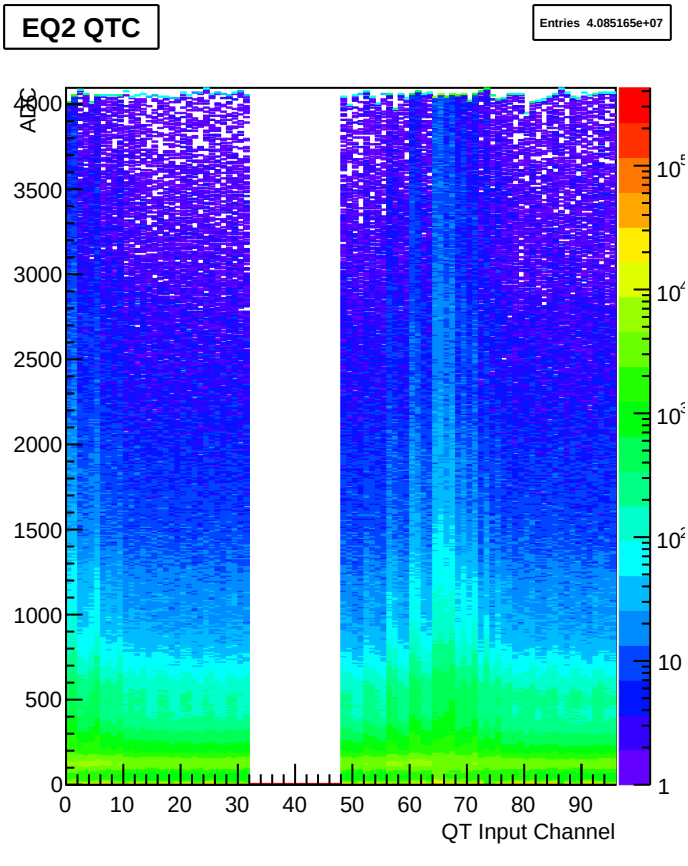

EQ1 QTB
Entries 3.962531e+07
TDC
QT Input Channel

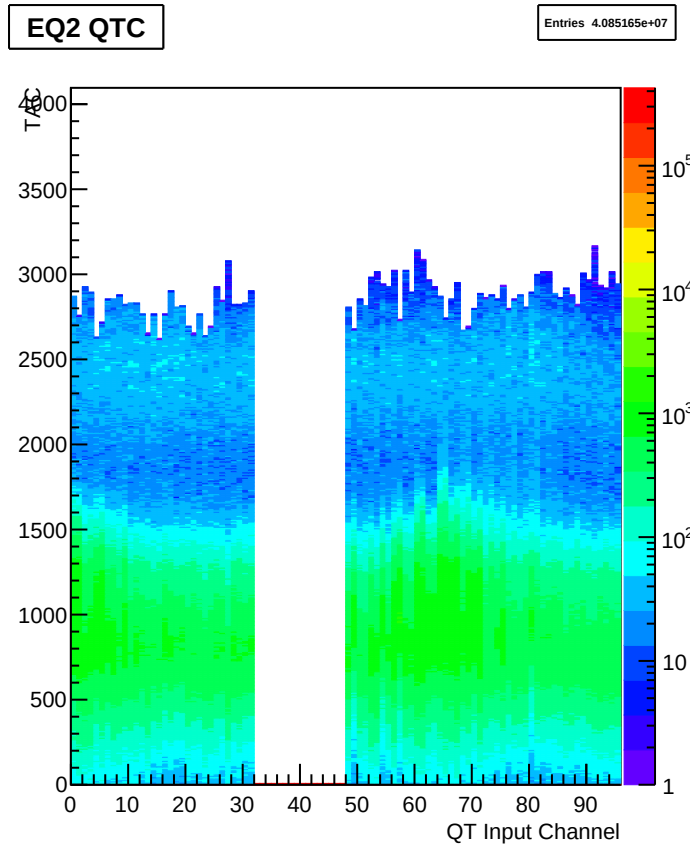

EQ1 QTC
Entries 4.085165e+07
ADC
QT Input Channel

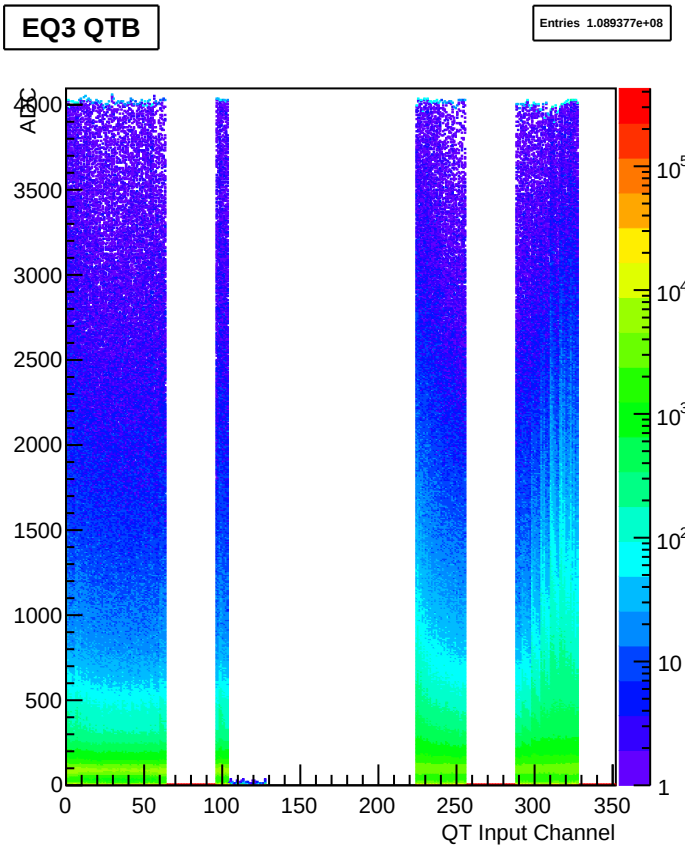

EQ1 QTC
Entries 4.085165e+07
TADC
QT Input Channel

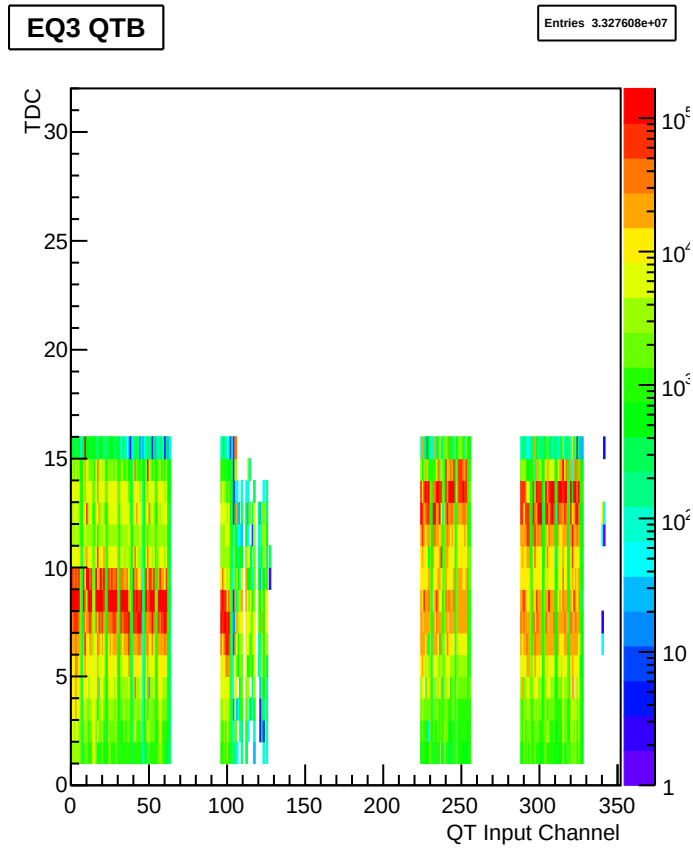

EQ2 QTB
Entries 1.225549e+08
ADC
QT Input Channel

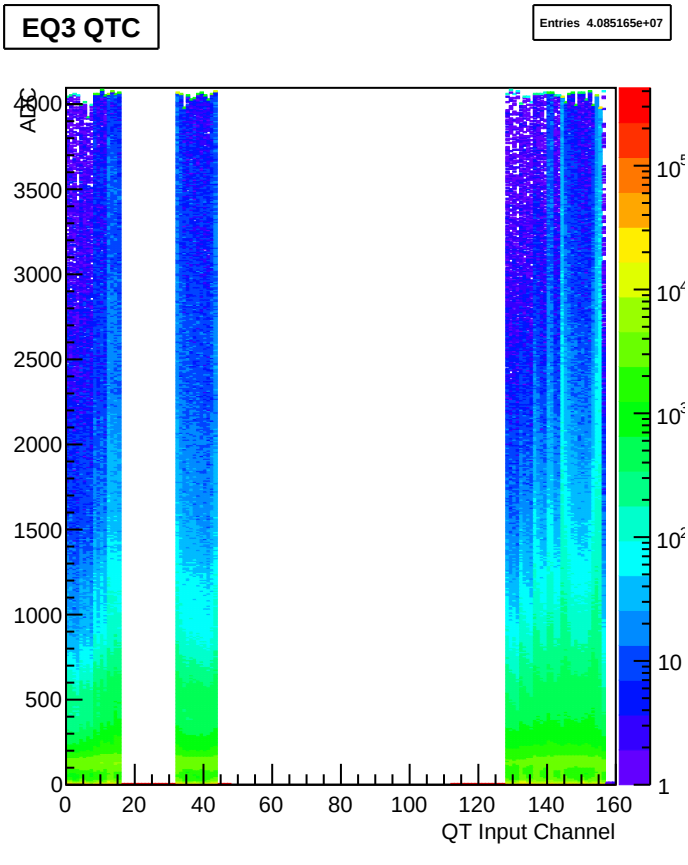

EQ2 QTB
Entries 4.202726e+07
TDC
QT Input Channel

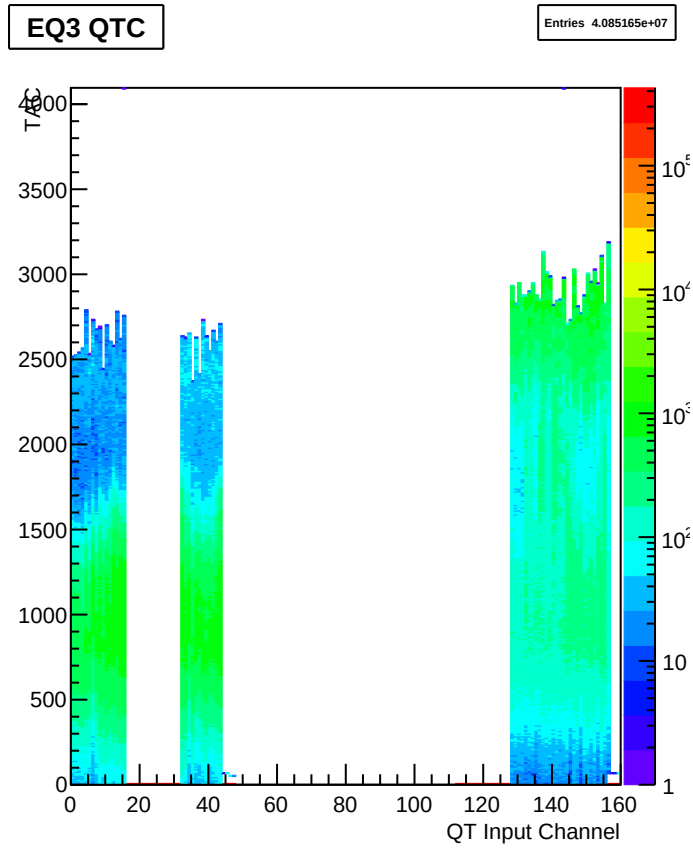

EQ2 QTC
Entries 4.085165e+07
ADC
QT Input Channel

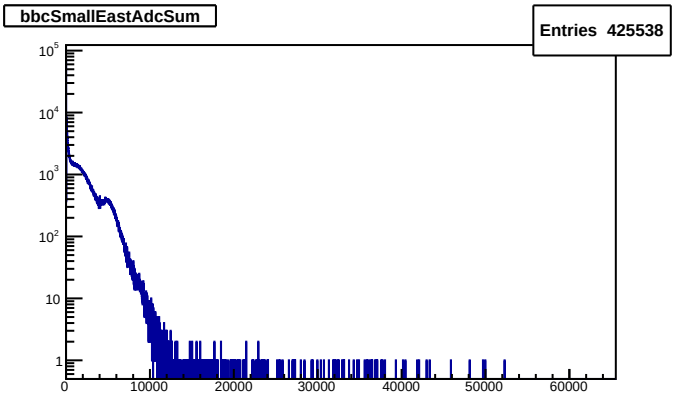

EQ2 QTC
Entries 4.085165e+07
TADC
QT Input Channel

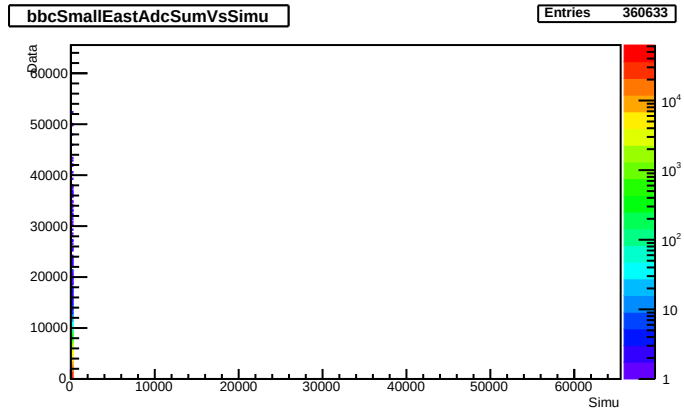

EQ3 QTB
Entries 1.089377e+08
ADC
QT Input Channel

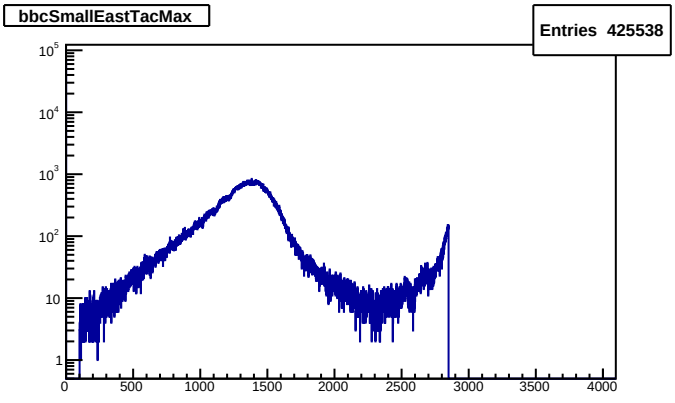

EQ3 QTB
Entries 3.327608e+07
TDC
QT Input Channel

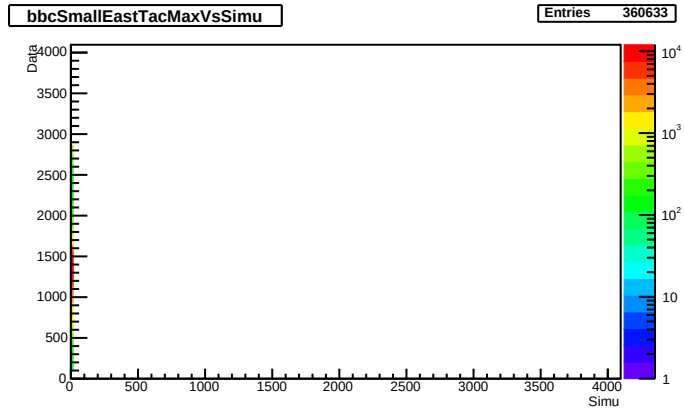

EQ3 QTC
Entries 4.085165e+07
ADC
QT Input Channel

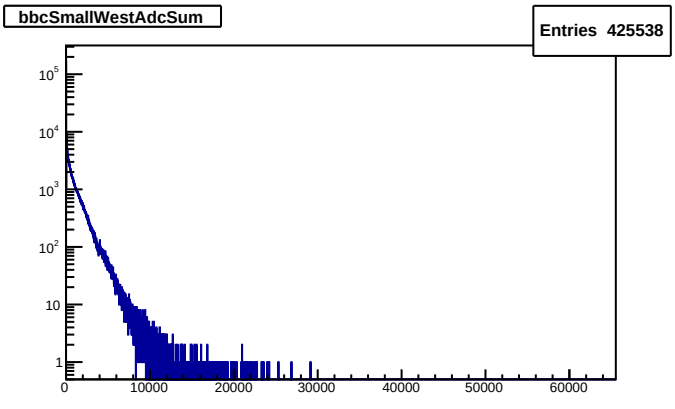

EQ3 QTC
Entries 4.085165e+07
TADC
QT Input Channel

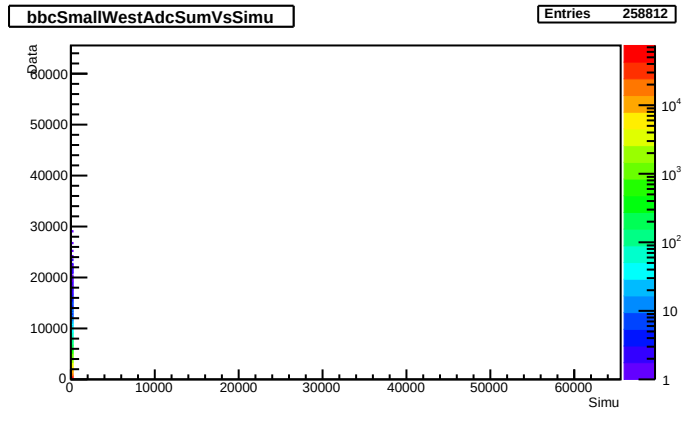

bbcSmallEastAdcSum
Entries 425538

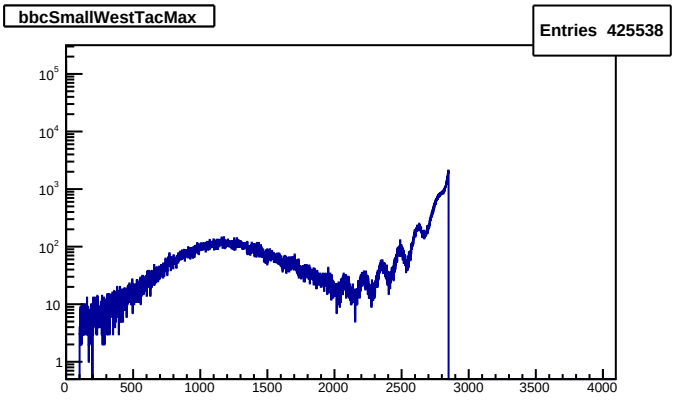

bbcSmallEastAdcSumVsSimu
Entries 360633
Data
Simu

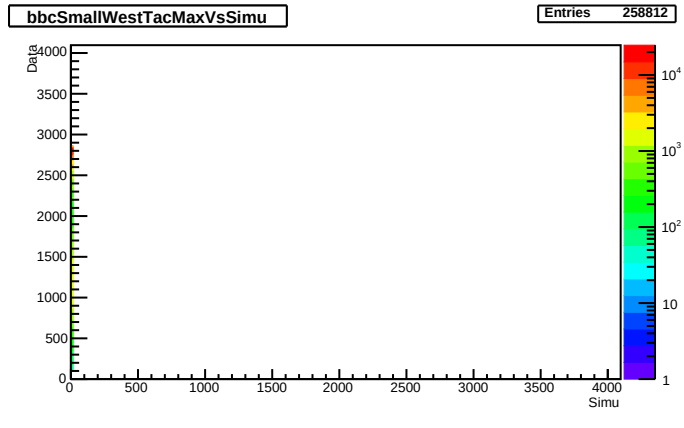

bbcSmallEastTacMax
Entries 425538

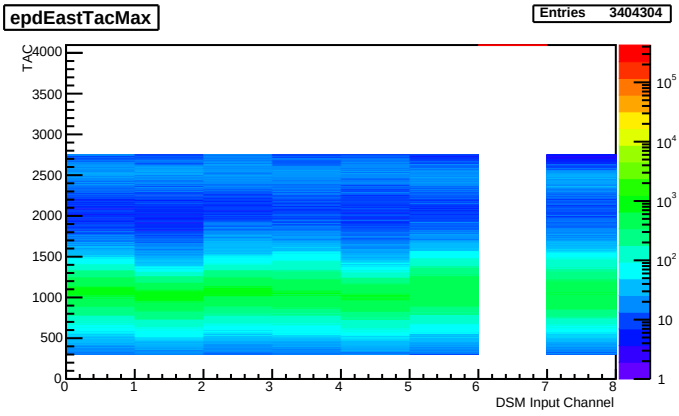

bbcSmallEastTacMaxVsSimu
Entries 360633
Data
Simu

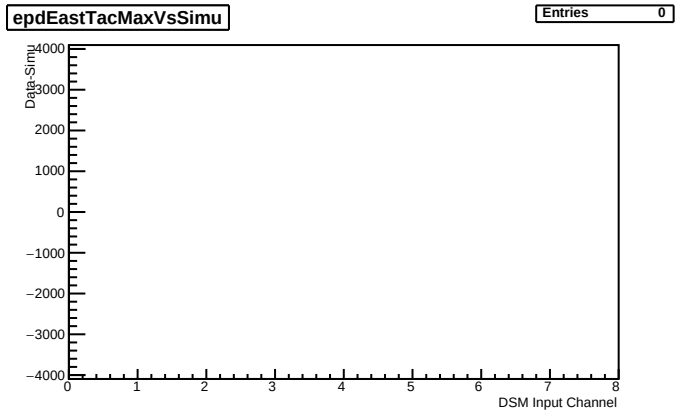

bbcSmallWestAdcSum
Entries 425538

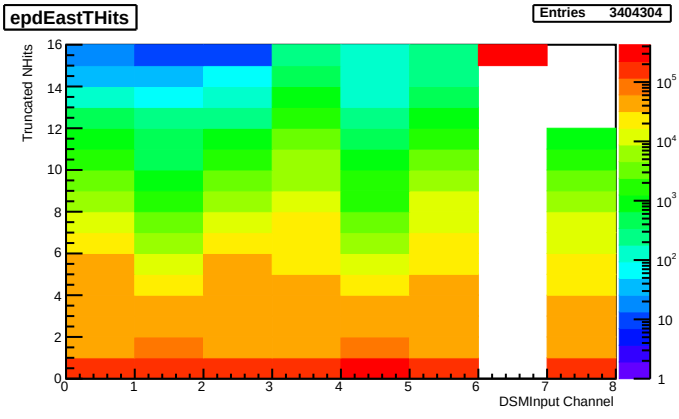

bbcSmallWestAdcSumVsSimu
Entries 258812
Data
Simu

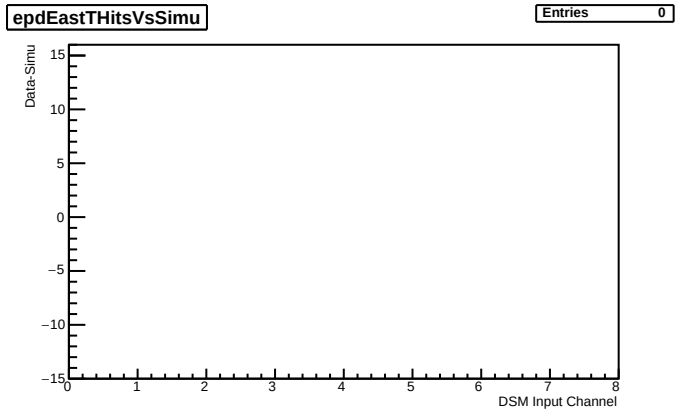

bbcSmallWestTacMax
Entries 425538


bbcSmallWestTacMaxVsSimu
Entries 258812
Data
Simu


epdEastTacMax
Entries 3404304
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3404304
Truncated NHits
DSMInput Channel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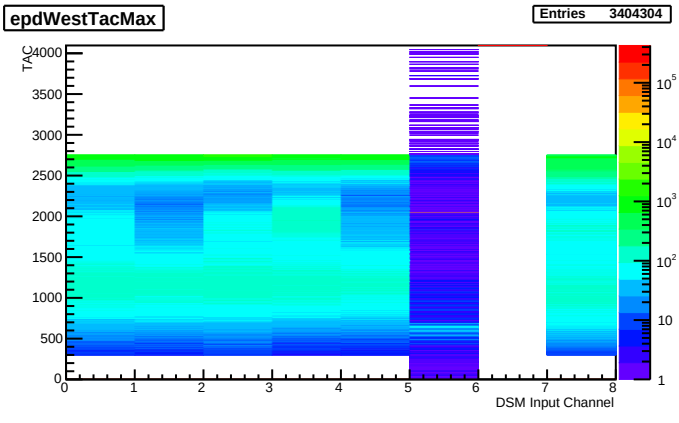
Data-Simu
DSM Input Channel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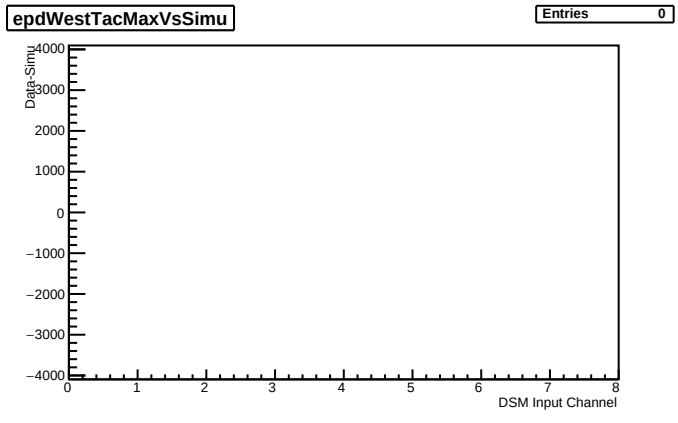
Entries 3404304
TAC
DSM Input Channel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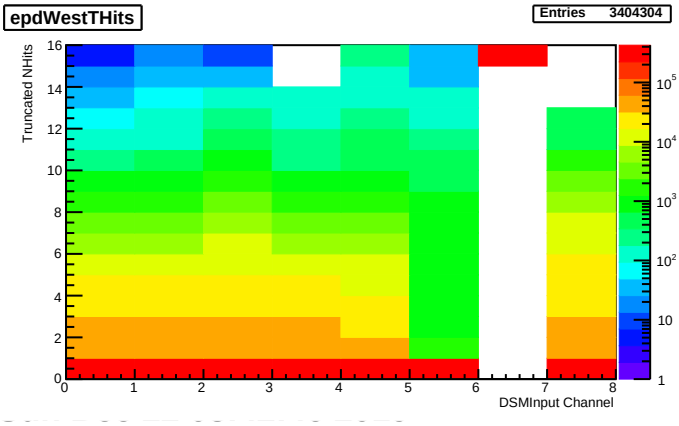
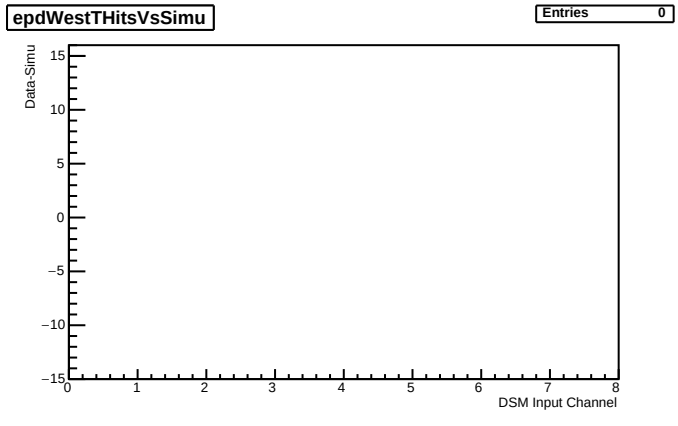
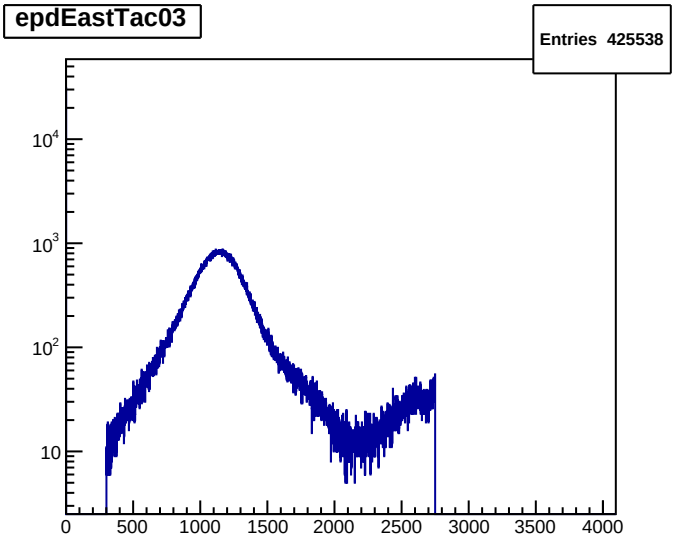
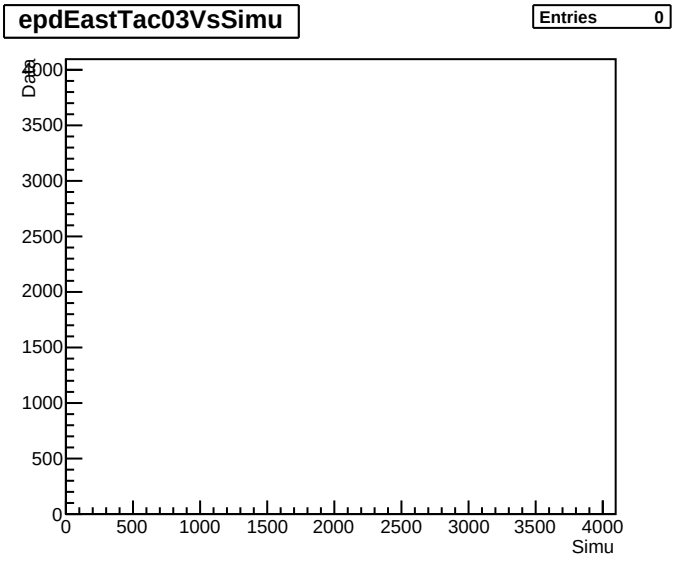
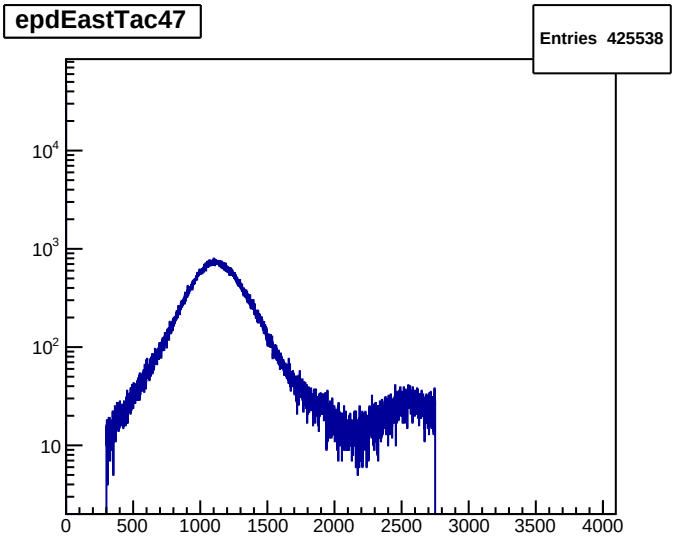
Entries 0
Data-Simu
DSM Input Channel

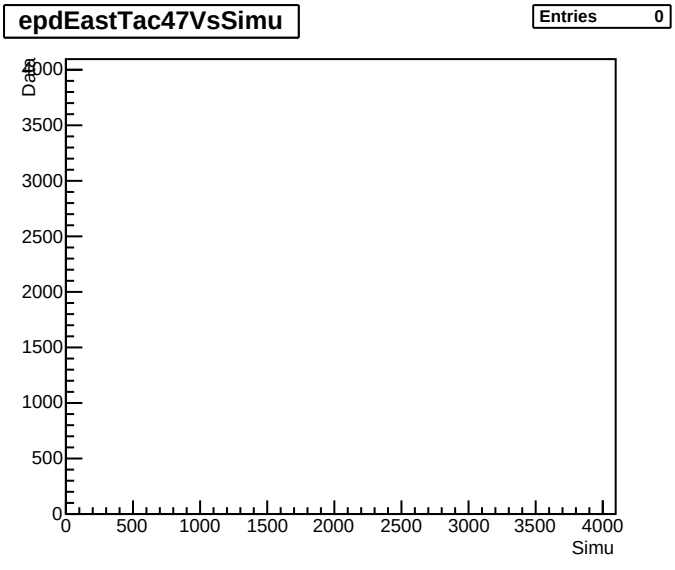

epdWestTHits
Entries 3404304
Truncated NHits
DSMInput Channel

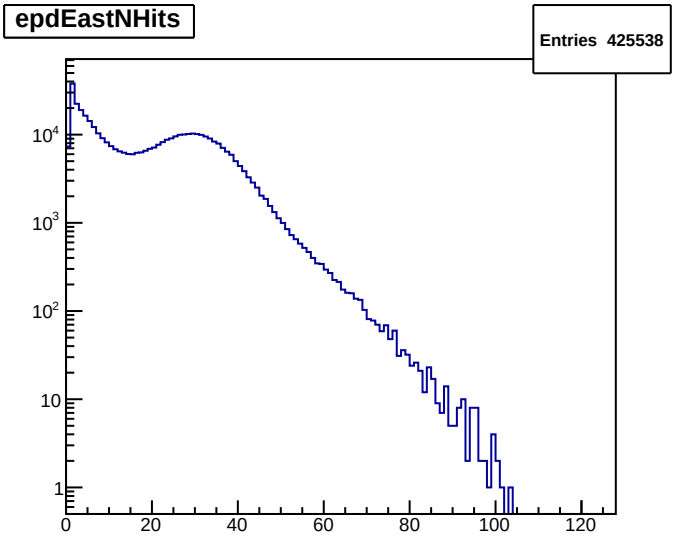

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

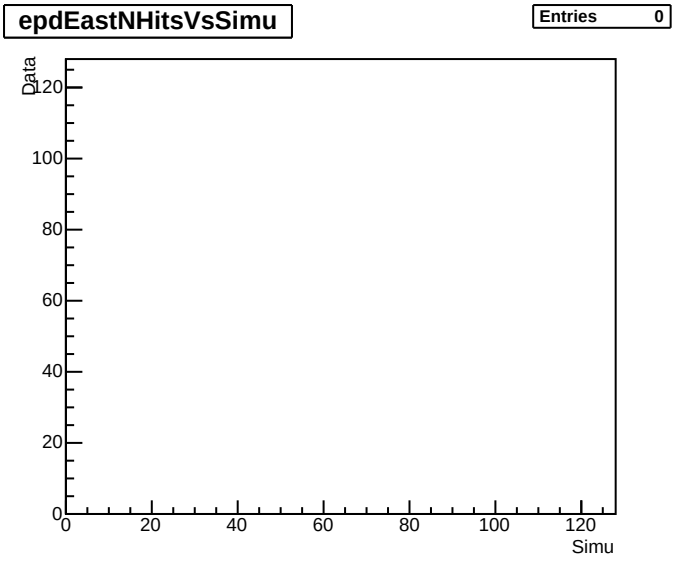

epdEastTac03
Entries 425538


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 425538


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 425538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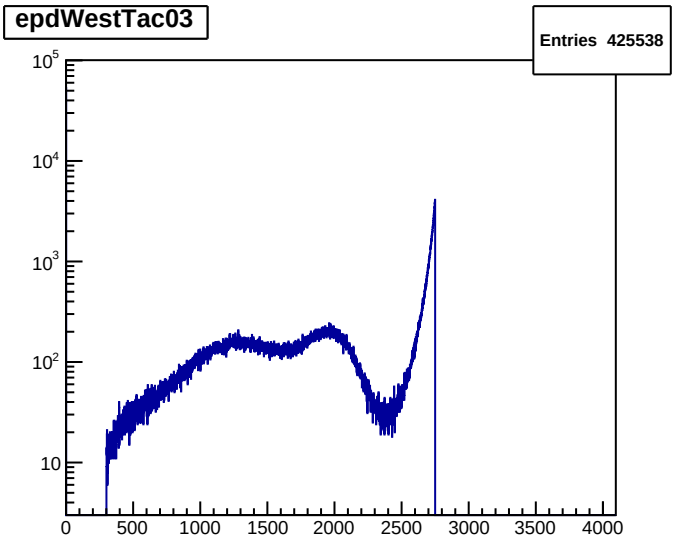
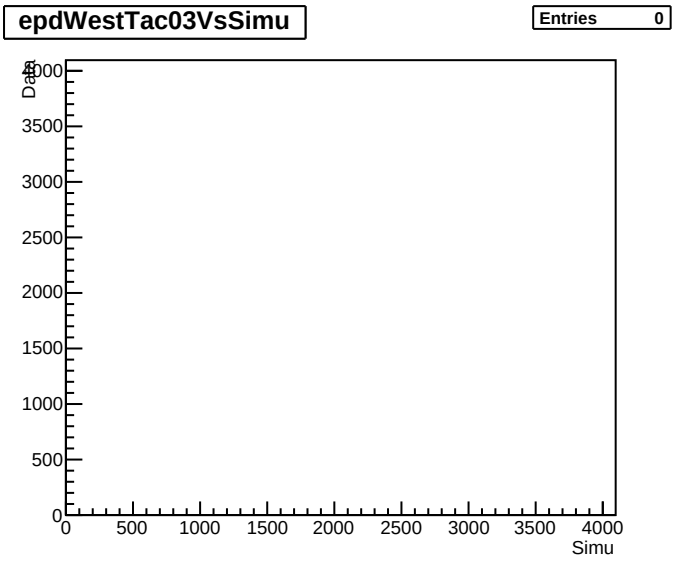
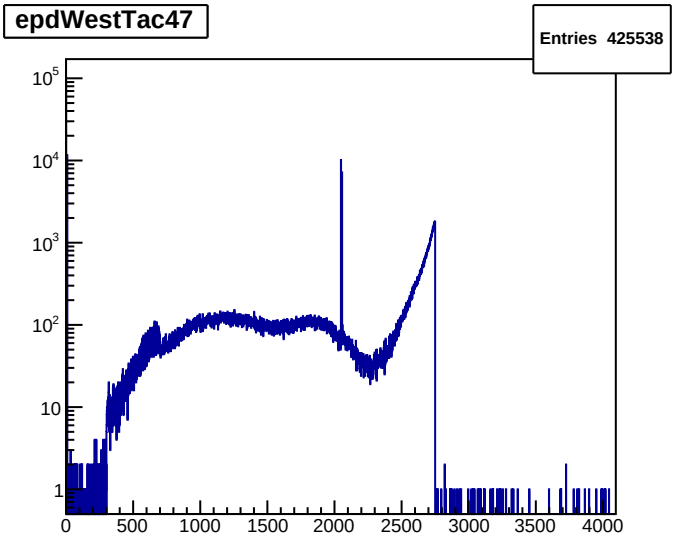
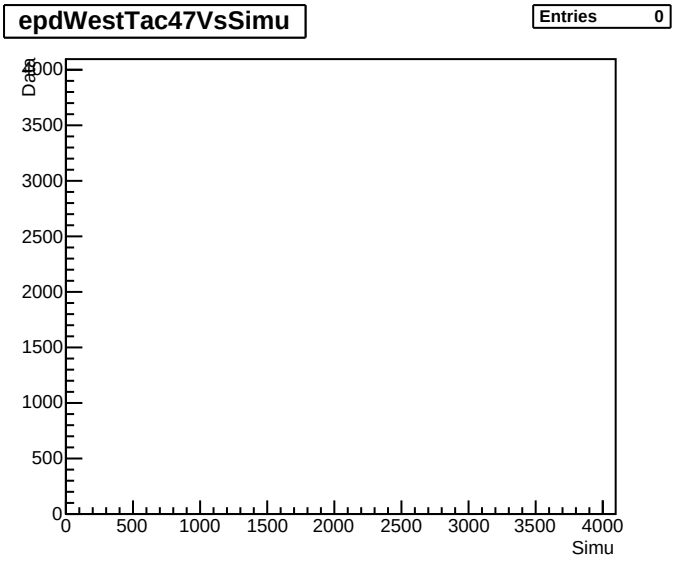
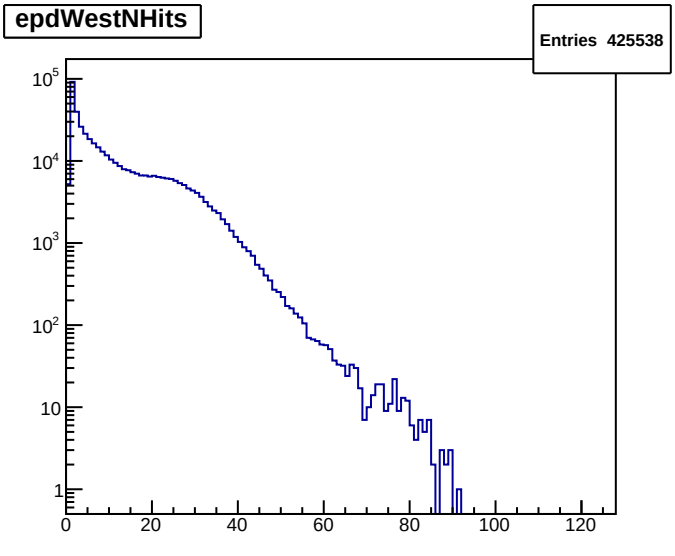
Entries 0
Data
Simu

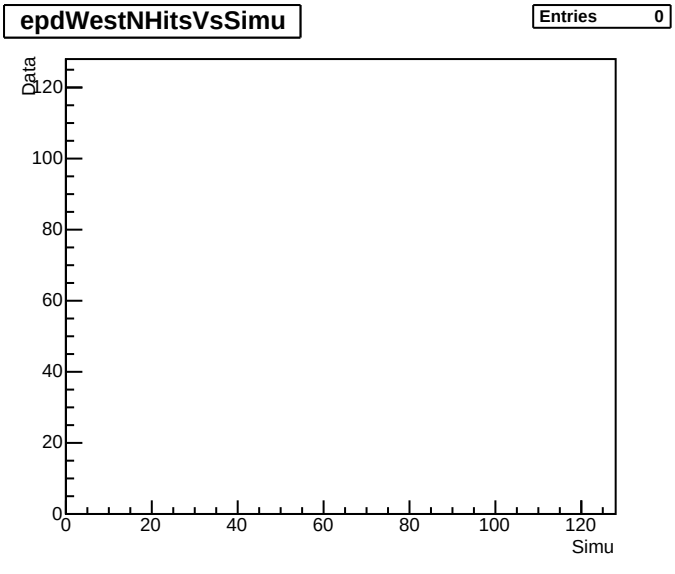

epdWestTac03
Entries 425538

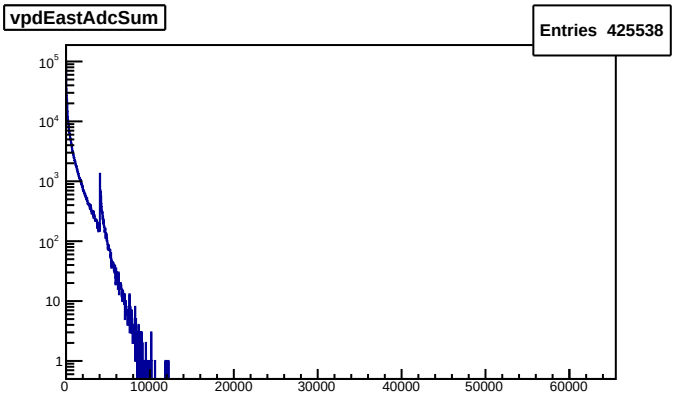

epdWestTac03VsSimu
Entries 0
Data
Simu

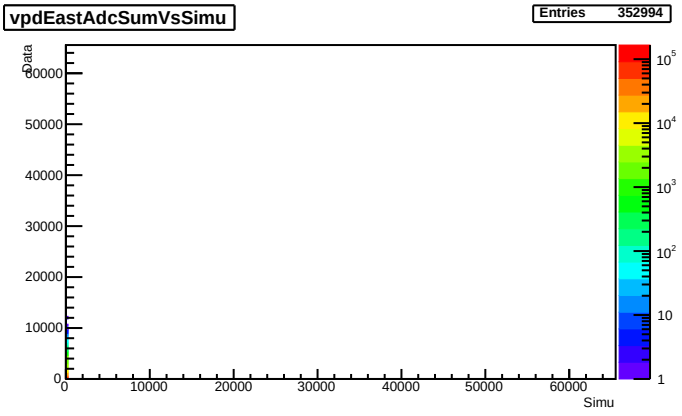

epdWestTac47
Entries 425538

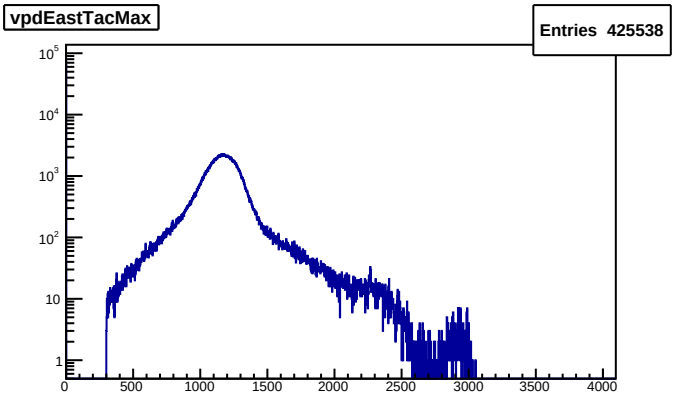

epdWestTac47VsSimu
Entries 0
Data
Simu

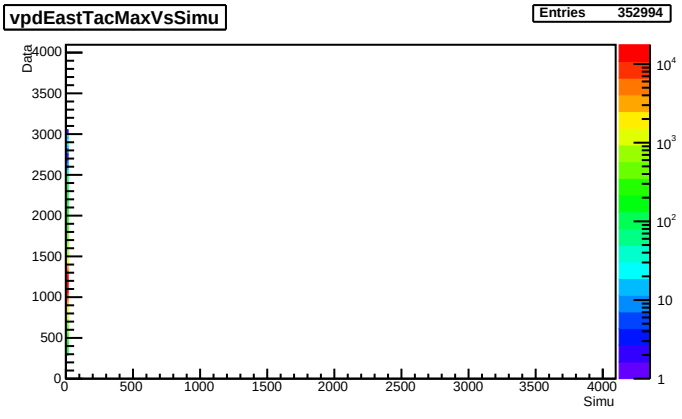

epdWestNHits
Entries 425538

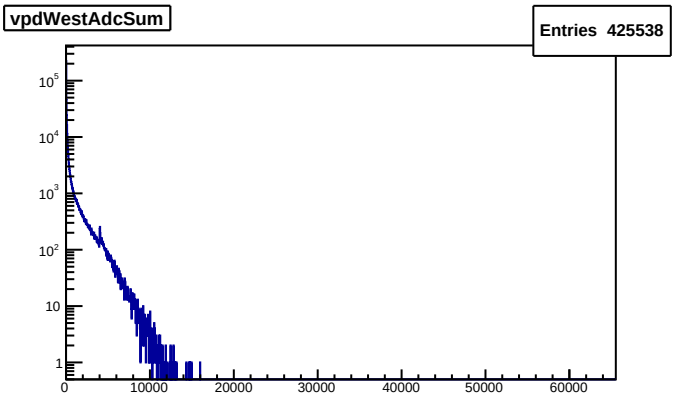

epdWestNHitsVsSimu
Entries 0
Data
Simu

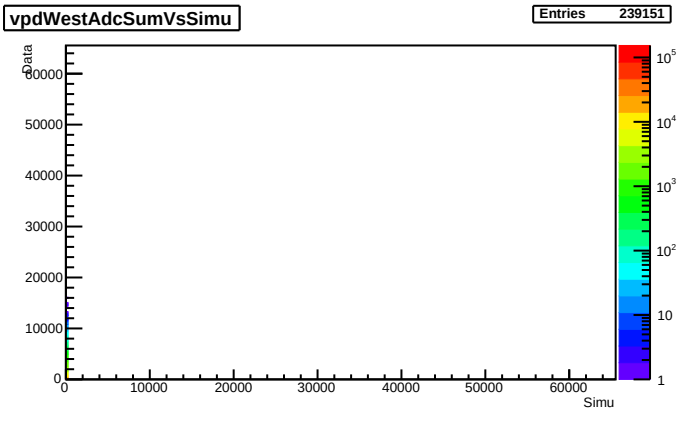

vpdEastAdcSum
Entries 425538

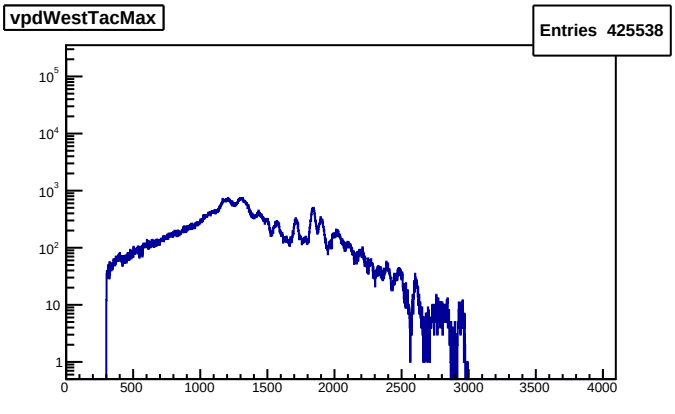

vpdEastAdcSumVsSimu
Entries 352994
Data
Simu

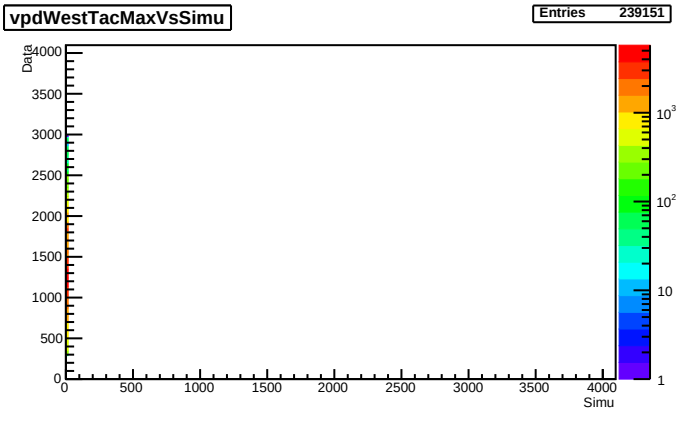

vpdEastTacMax
Entries 425538

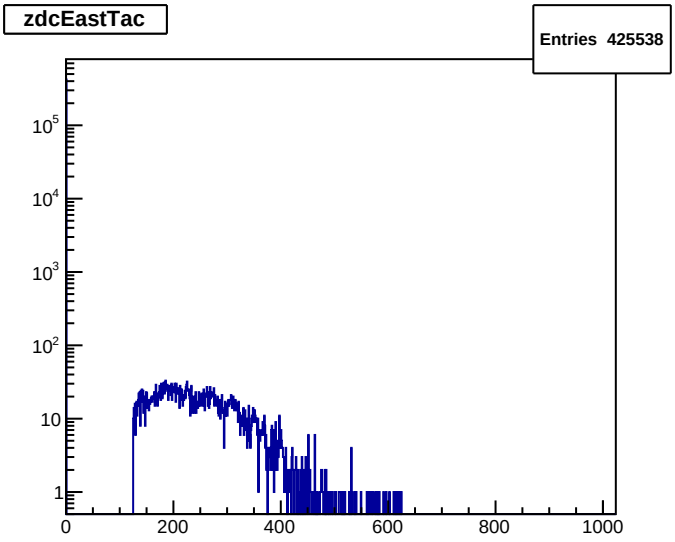

vpdEastTacMaxVsSimu
Entries 352994
Data
Simu

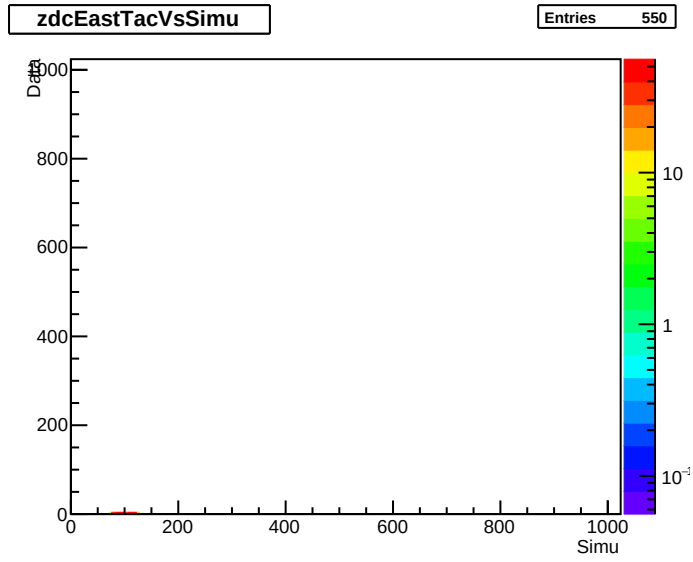

vpdWestAdcSum
Entries 425538

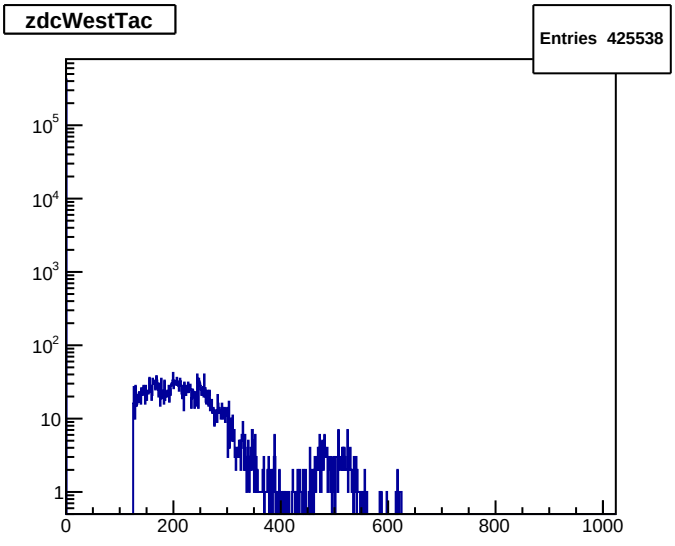

vpdWestAdcSumVsSimu
Entries 239151
Data
Simu

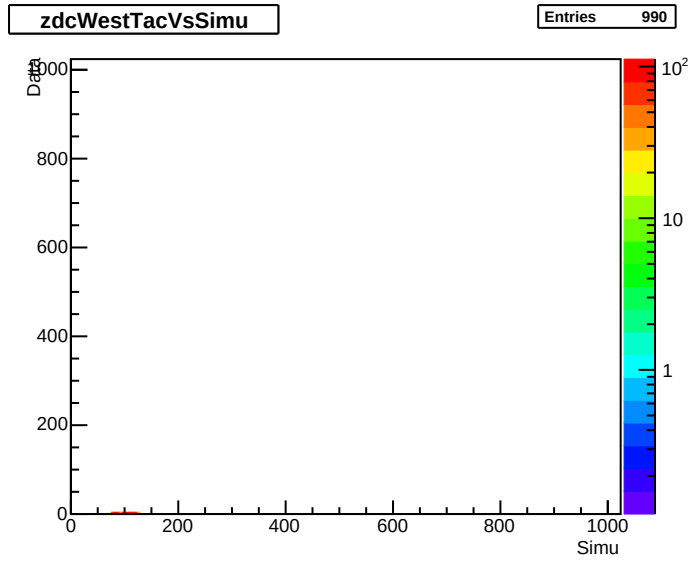

vpdWestTacMax
Entries 425538

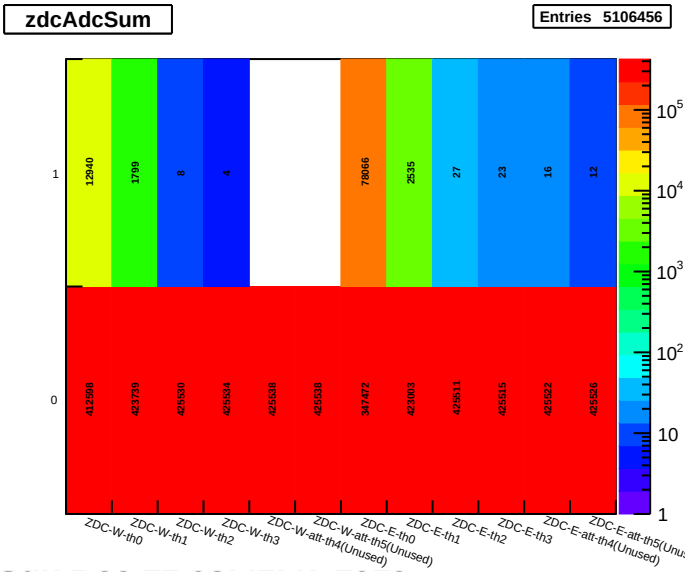

vpdWestTacMaxVsSimu
Entries 239151
Data
Simu

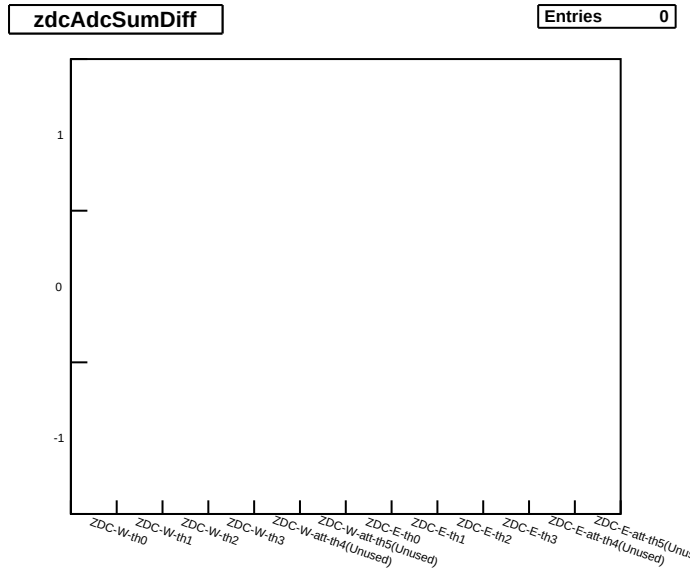

zdcEastTac
Entries 425538

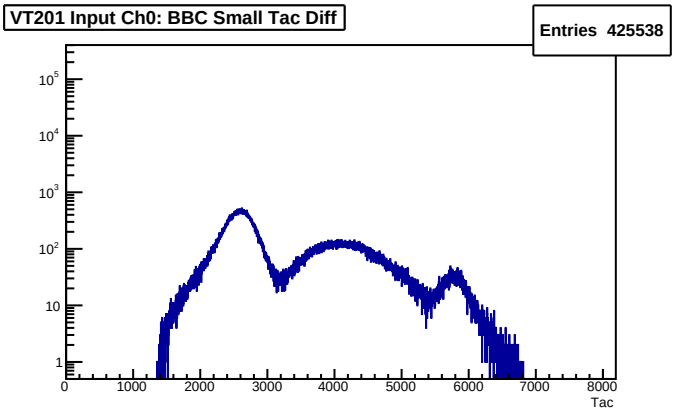

zdcEastTacVsSimu
Entries 550
Data
Simu

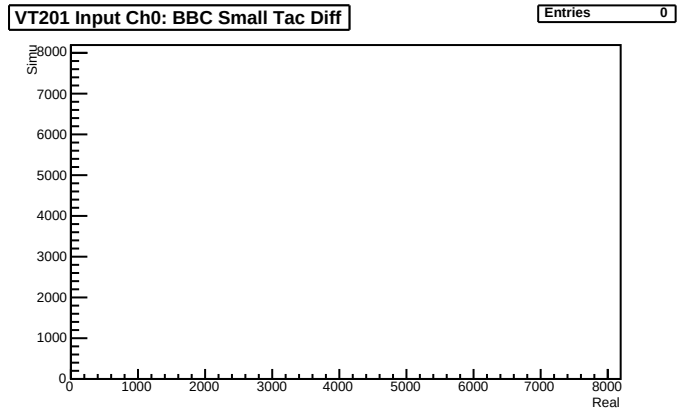

zdcWestTac
Entries 425538

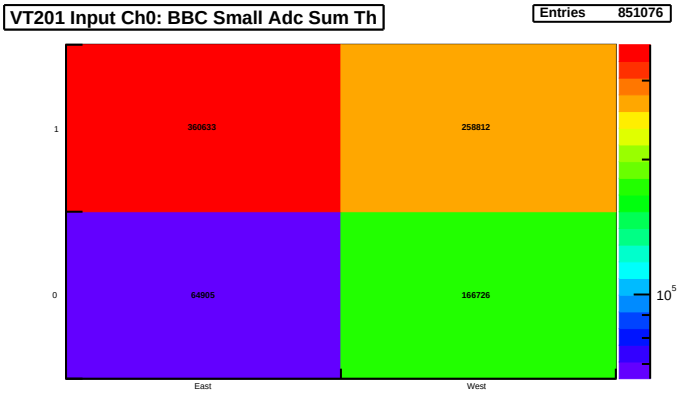

zdcWestTacVsSimu
Entries 990
Data
Simu

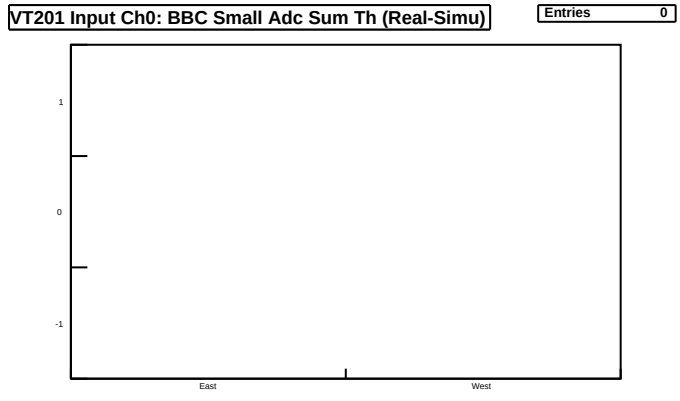

zdcAdcSum
Entries 5106456
12940
1799
8
4
78066
2535
27
23
16
12
412598
423739
425530
425534
425538
425538
347472
423003
425511
425515
425522
425526
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

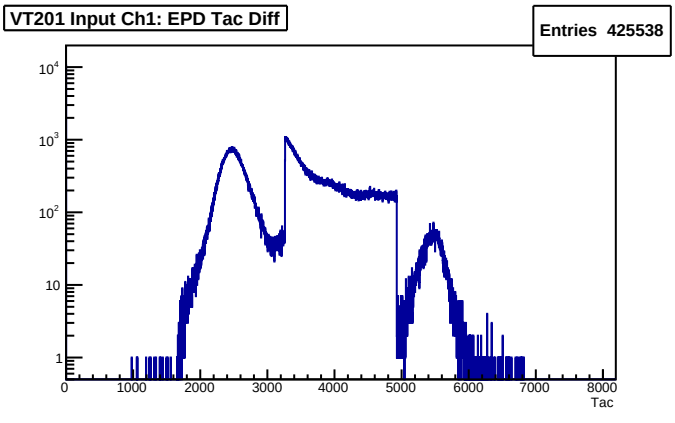

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

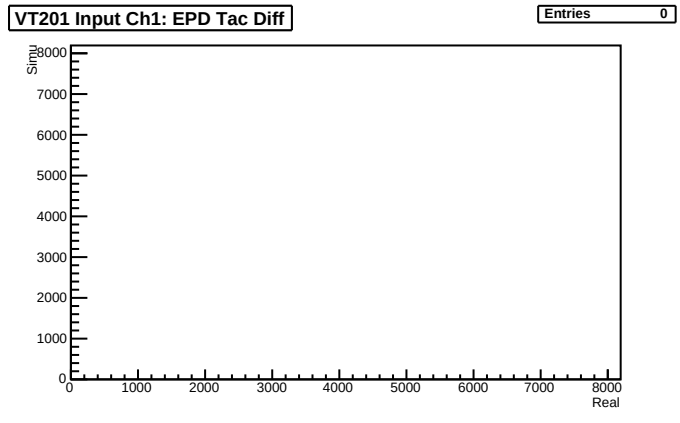

VT201 Input Ch0: BBC Small Tac Diff
Entries 425538
Tac

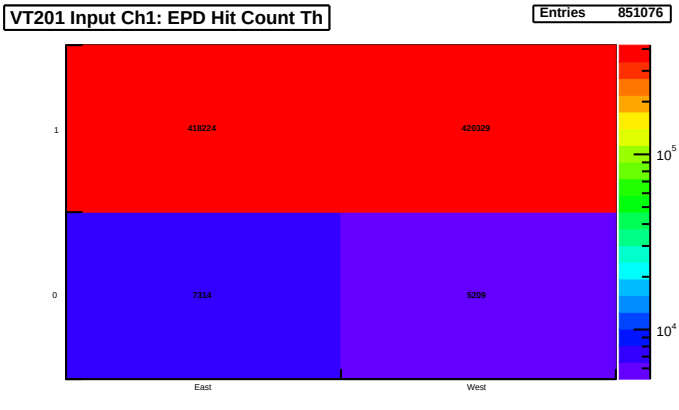

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

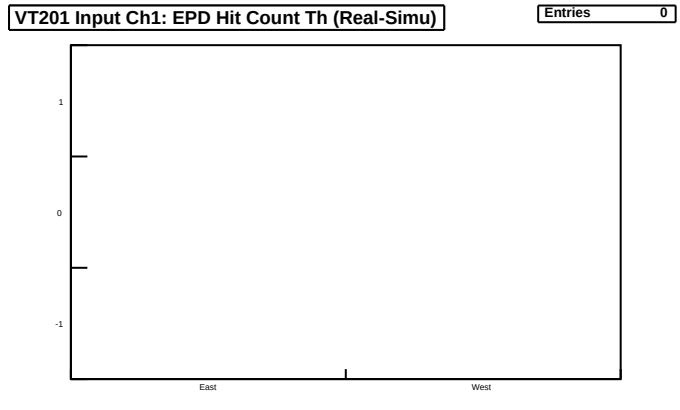

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 851076
360633
258812
64905
166726
East
West

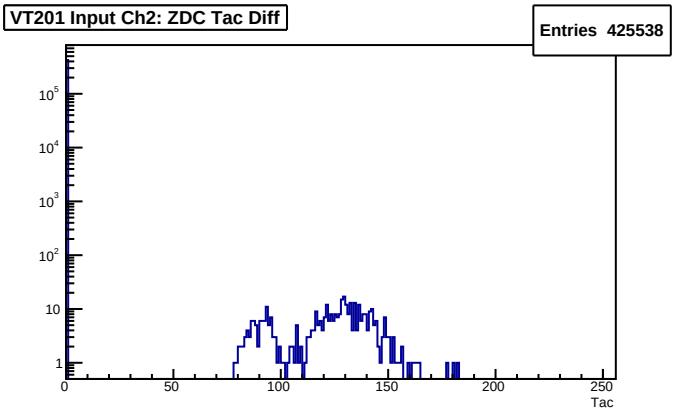

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

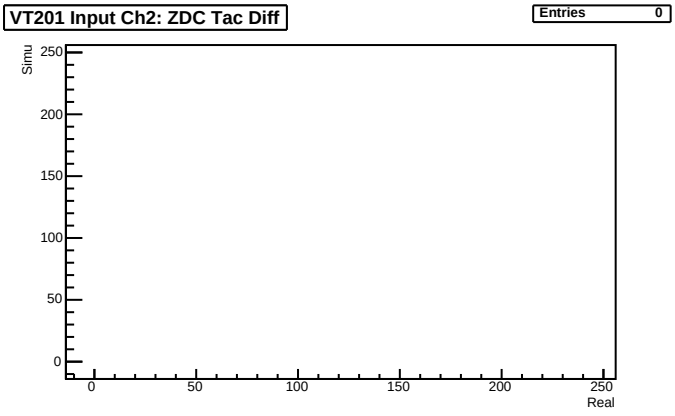

VT201 Input Ch1: EPD Tac Diff
Entries 425538
Tac

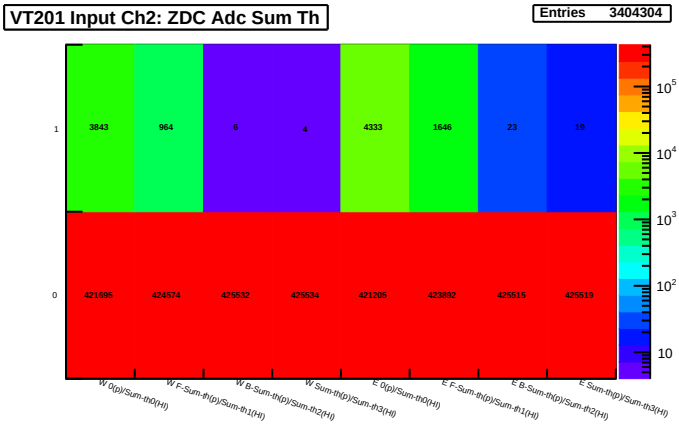

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

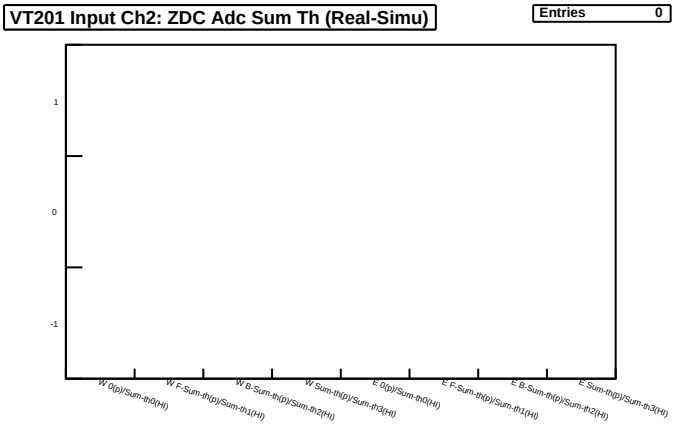

VT201 Input Ch1: EPD Hit Count Th
Entries 851076
418224
420329
7314
5209
East
West

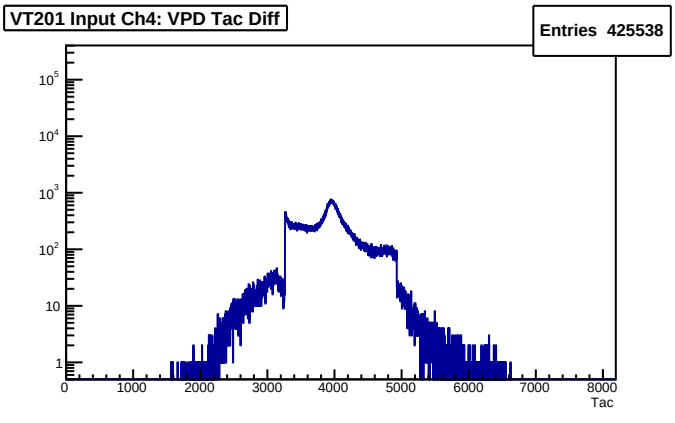

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

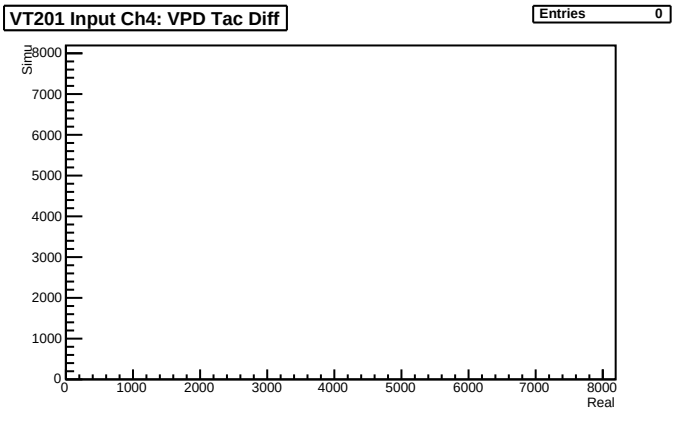

VT201 Input Ch2: ZDC Tac Diff
Entries 425538
Tac

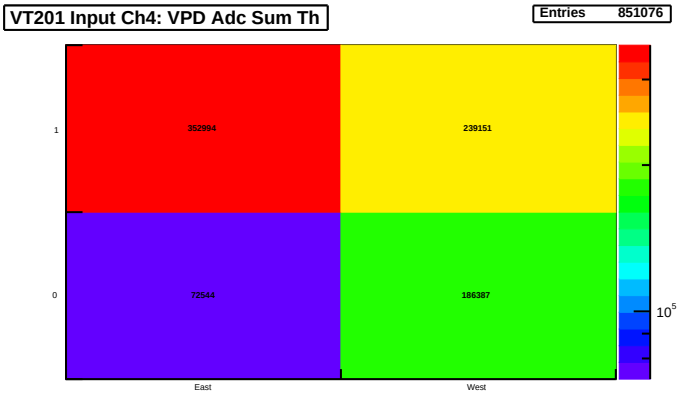

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

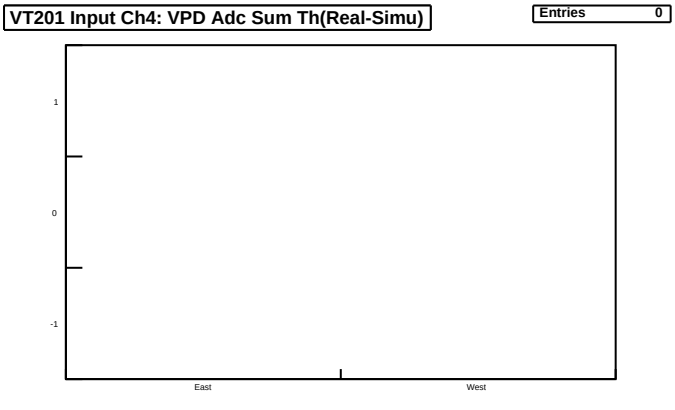

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3404304
3843
964
6
4
4333
1646
23
19
421695
424574
425532
425534
421205
423892
425515
425519
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

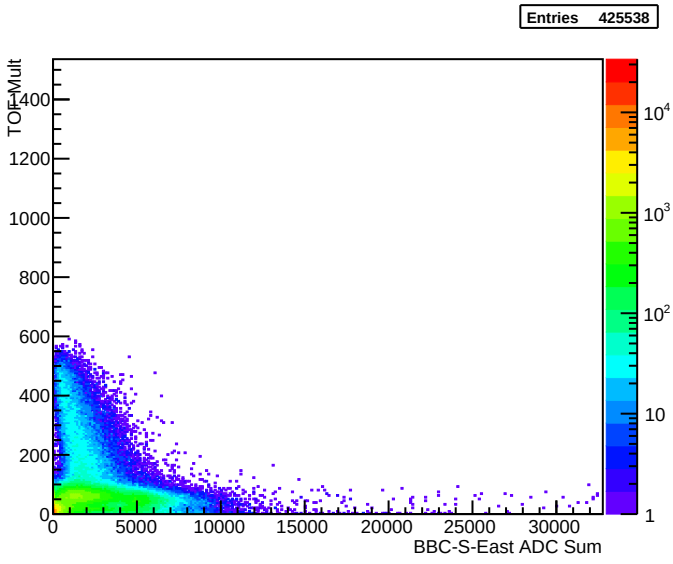

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

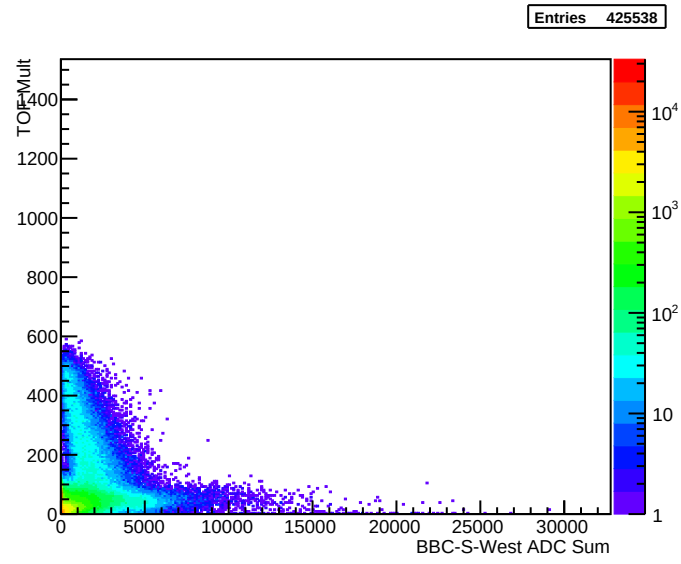

VT201 Input Ch4: VPD Tac Diff
Entries 425538
Tac

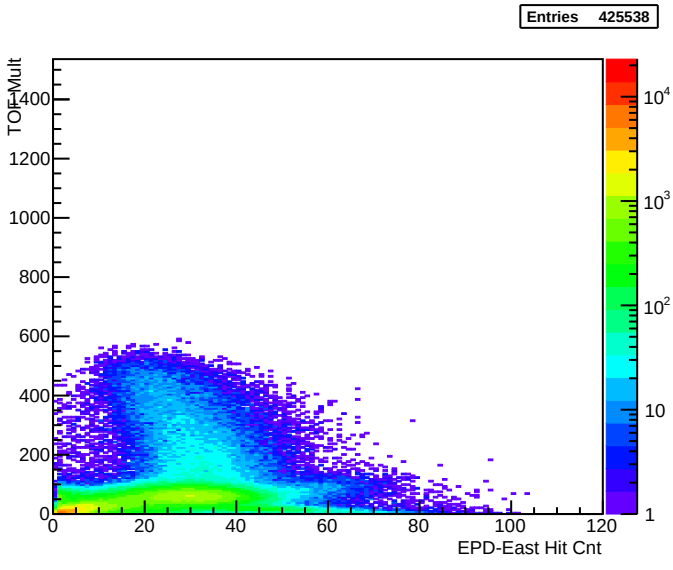

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

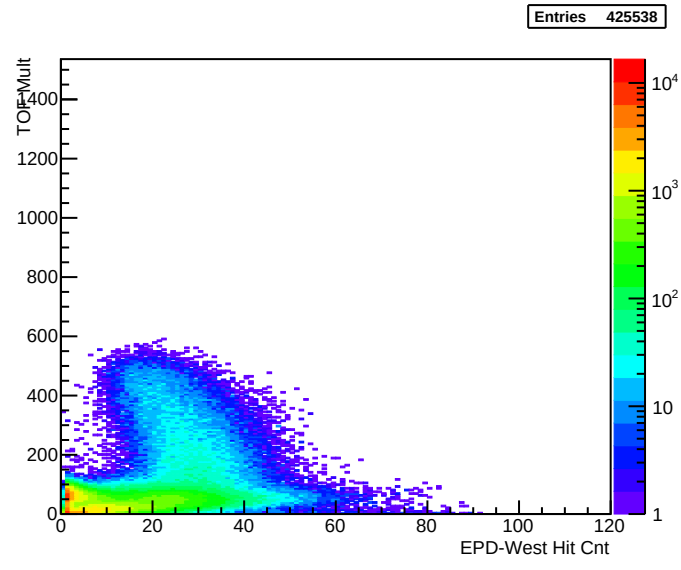

VT201 Input Ch4: VPD Adc Sum Th
Entries 851076
352994
239151
72544
186387
East
West

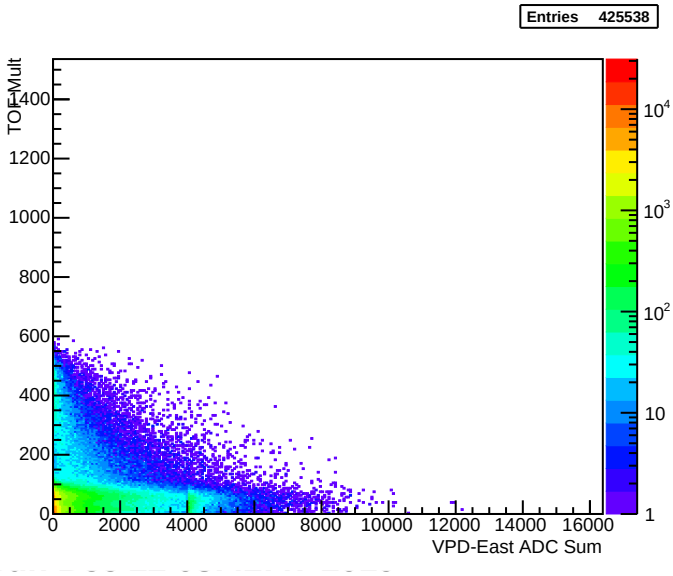

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

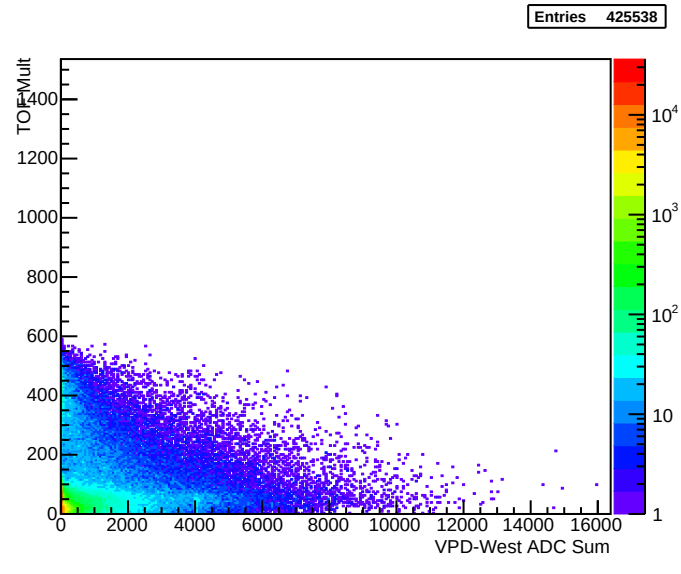

Entries 425538
TOF-Mult
BBC-S-East ADC Sum

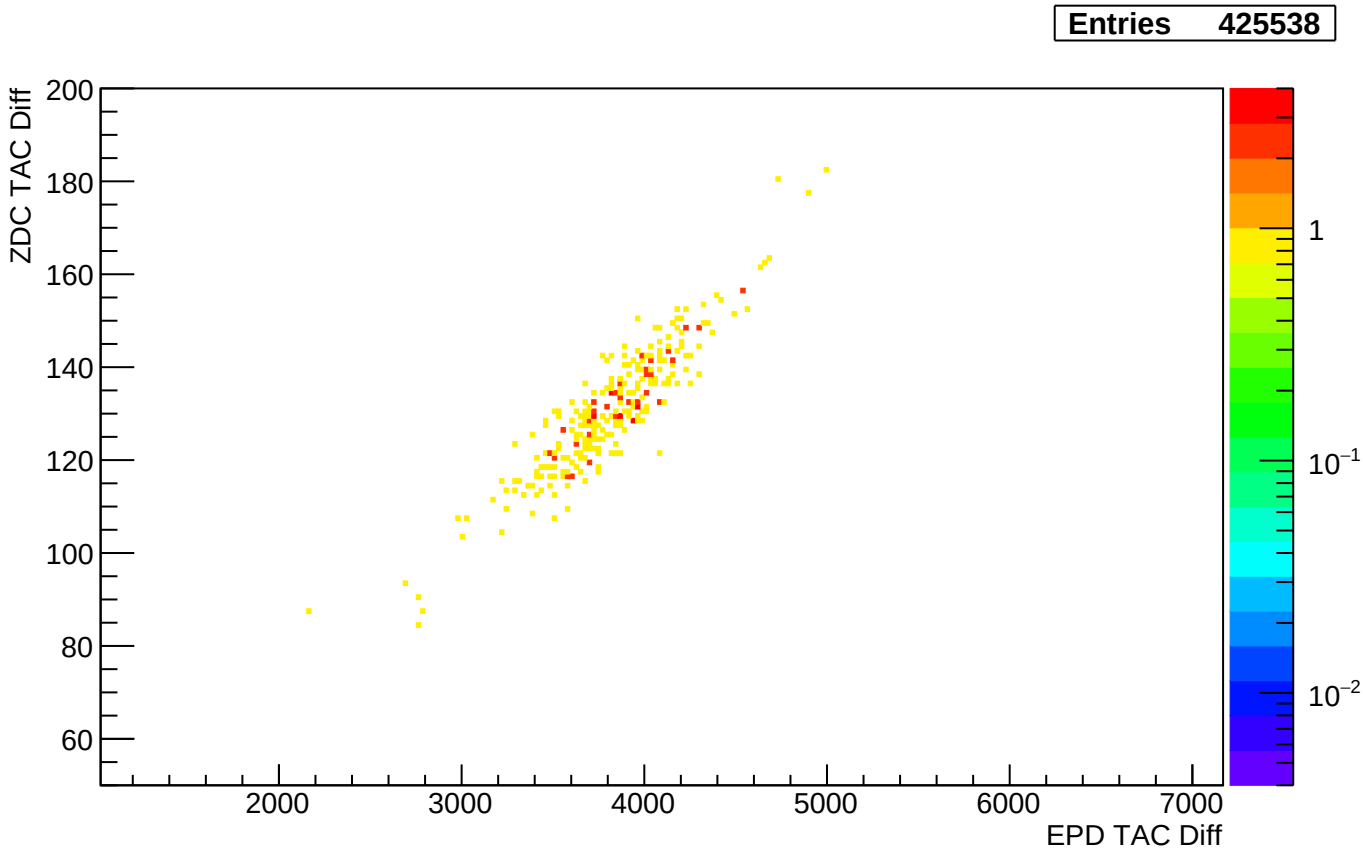

Entries 425538
TOF-Mult
BBC-S-West ADC Sum

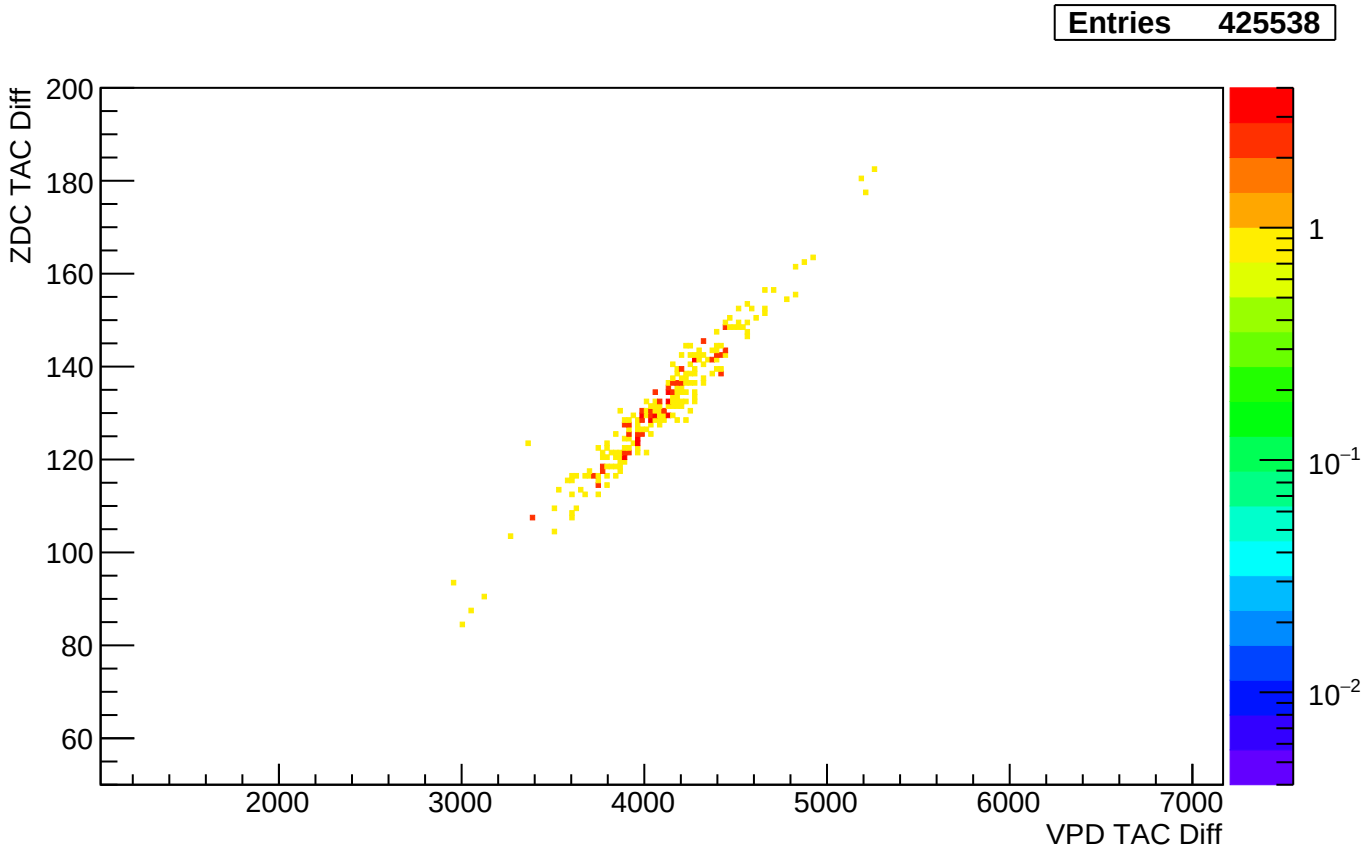

Entries 425538
TOF-Mult
EPD-East Hit Cnt

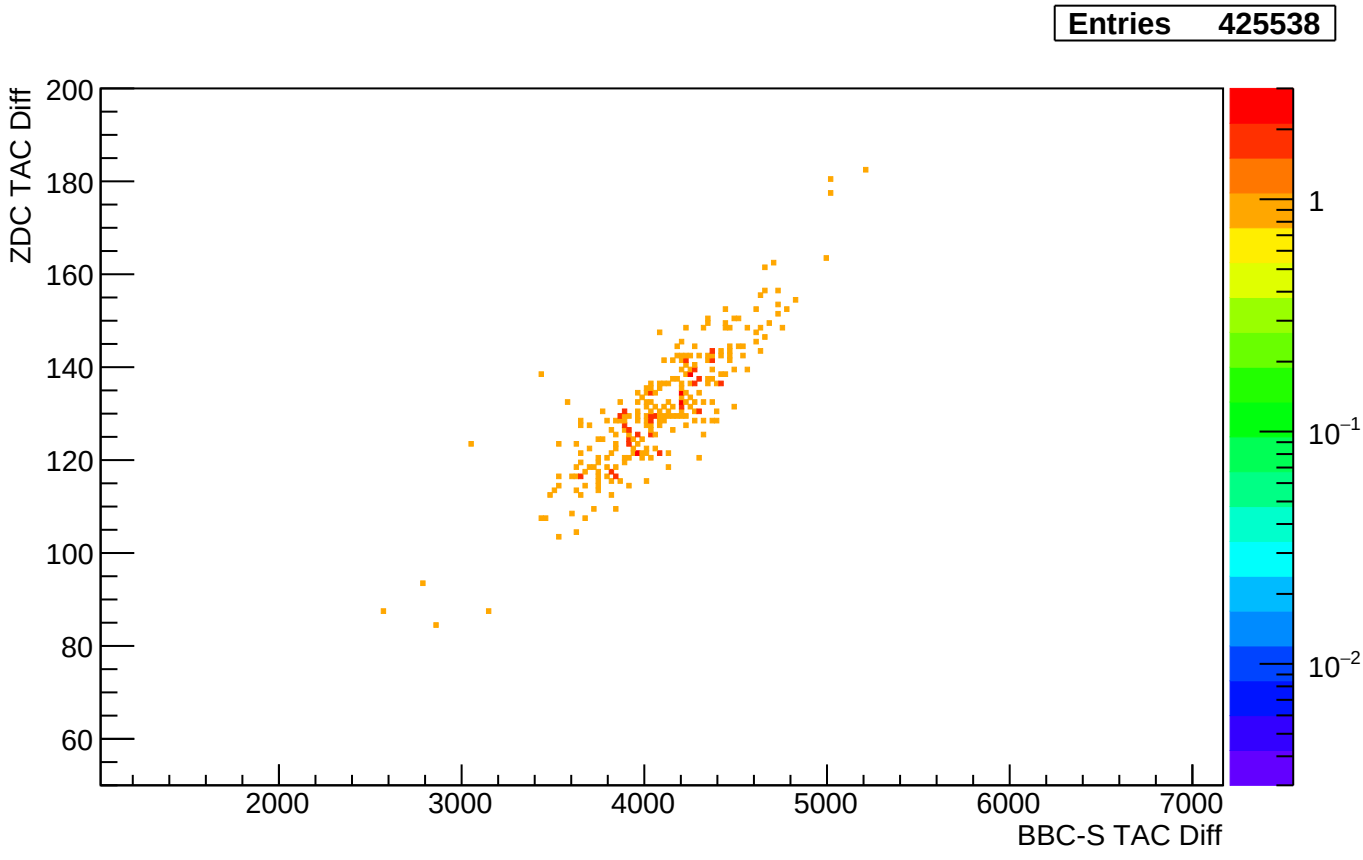

Entries 425538
TOF-Mult
EPD-West Hit Cnt

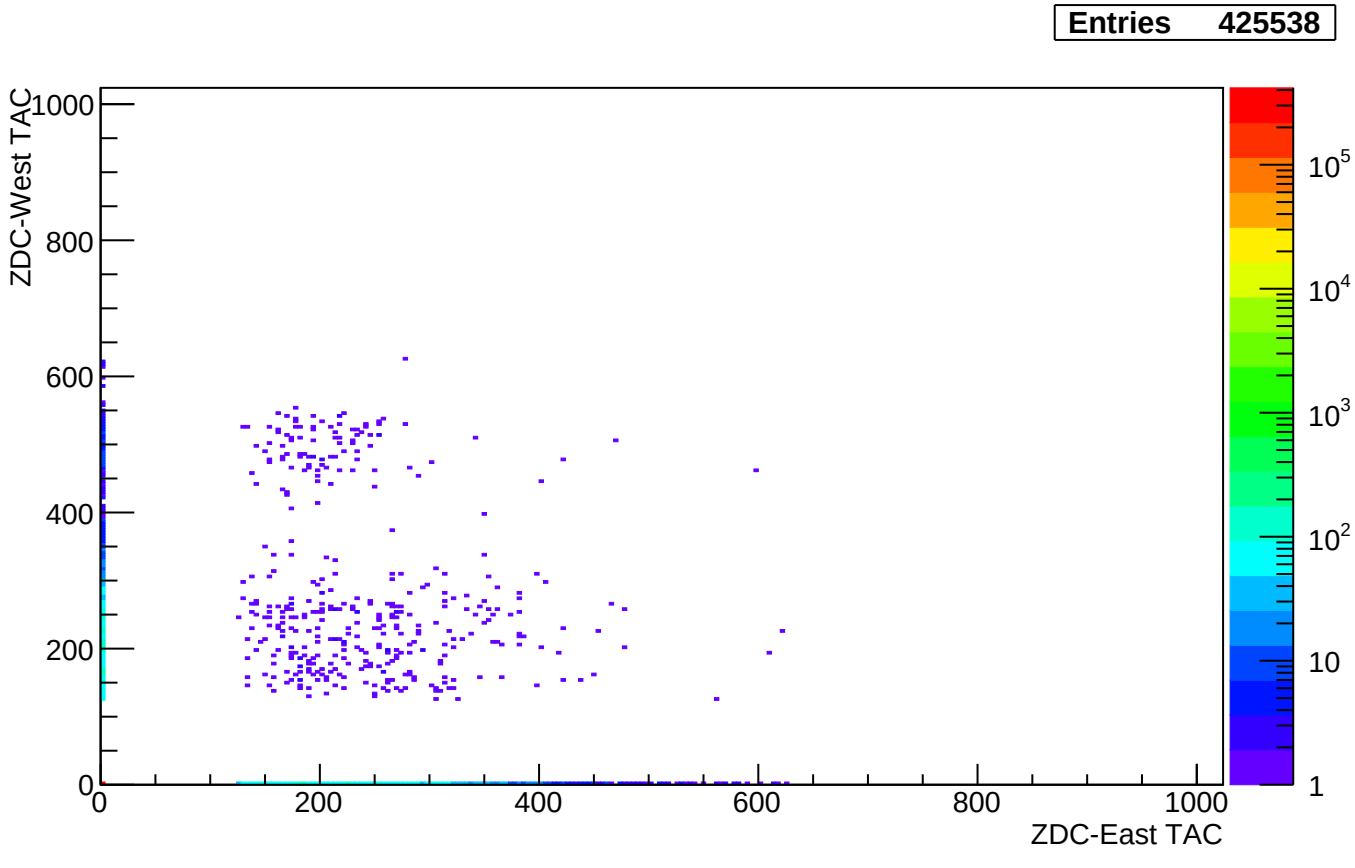

Entries 425538
TOF-Mult
VPD-East ADC Sum

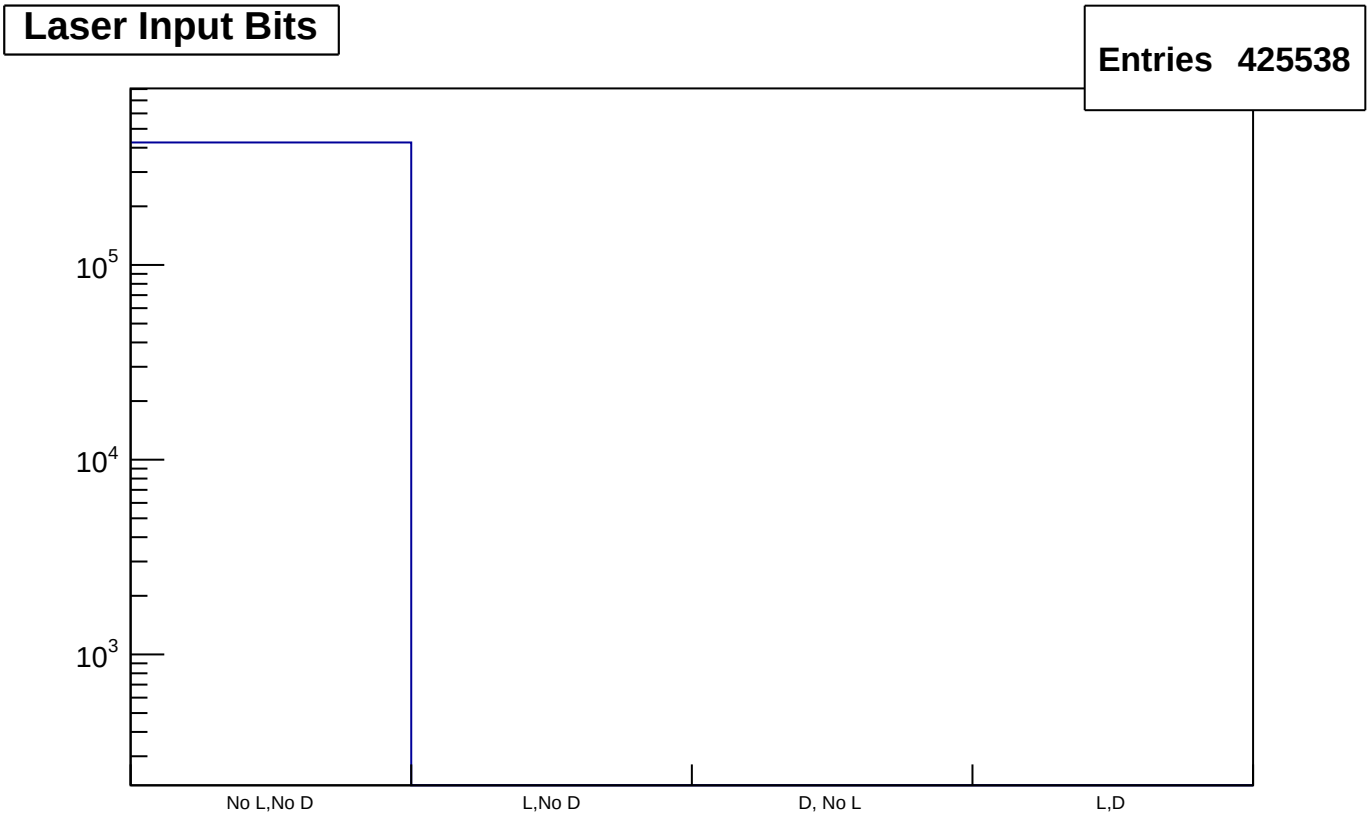

Entries 425538
TOF-Mult
VPD-West ADC Sum

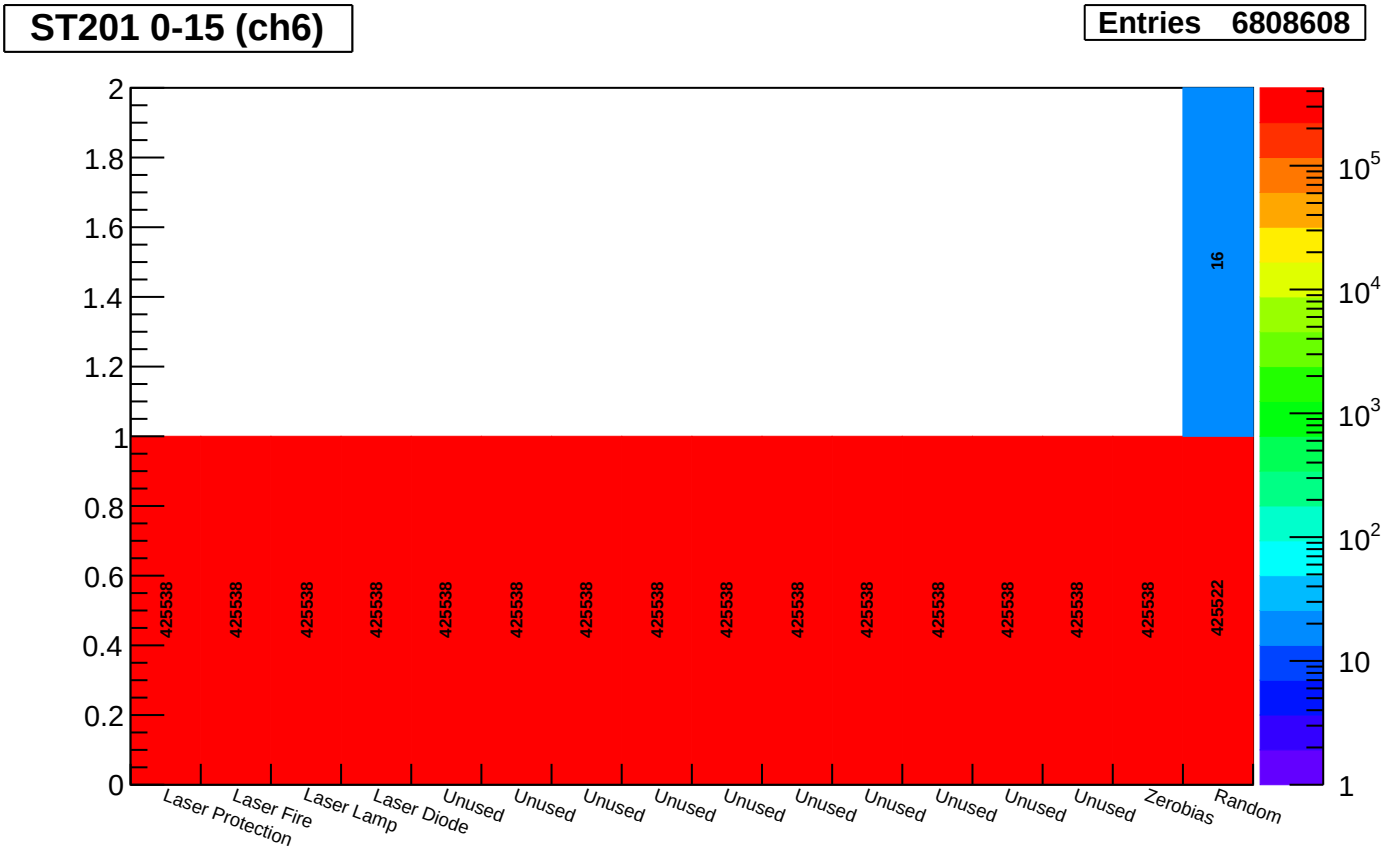

Entries 425538
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

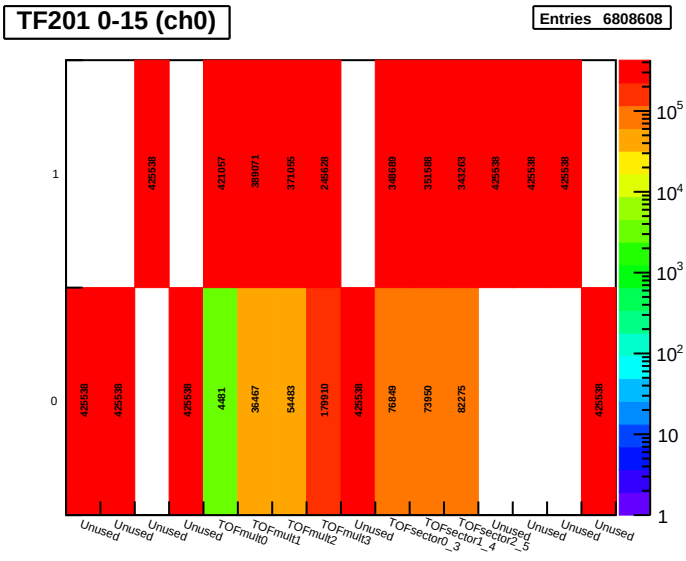

Entries 425538
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

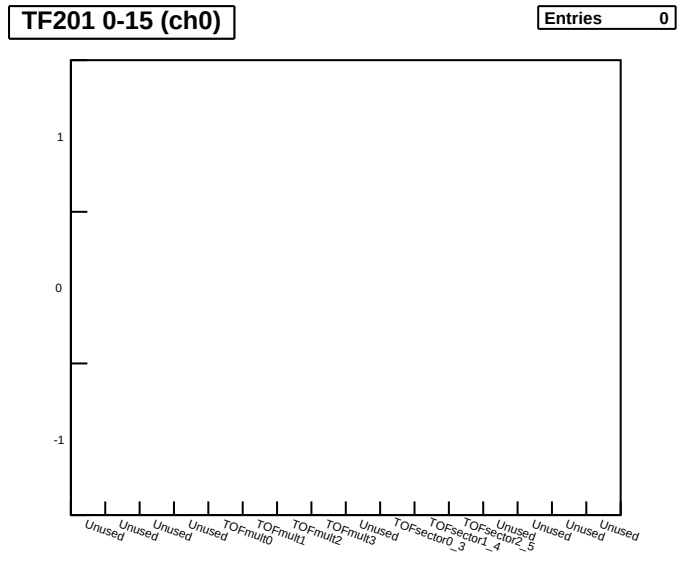

Entries 425538
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

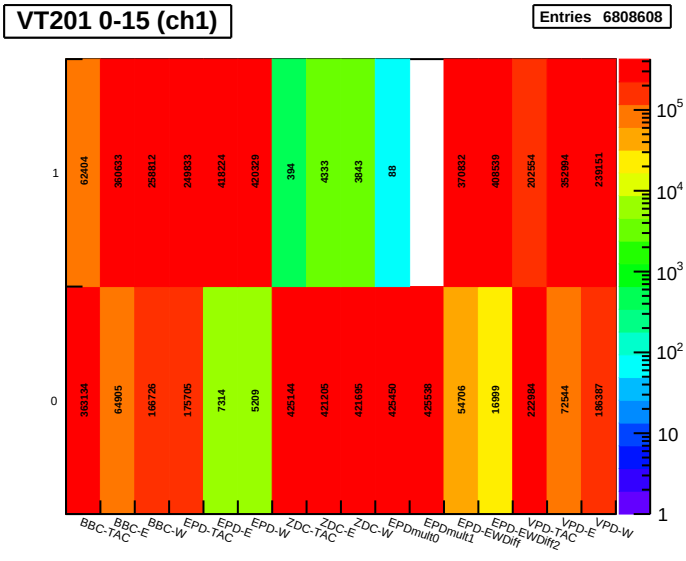

Entries 425538
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

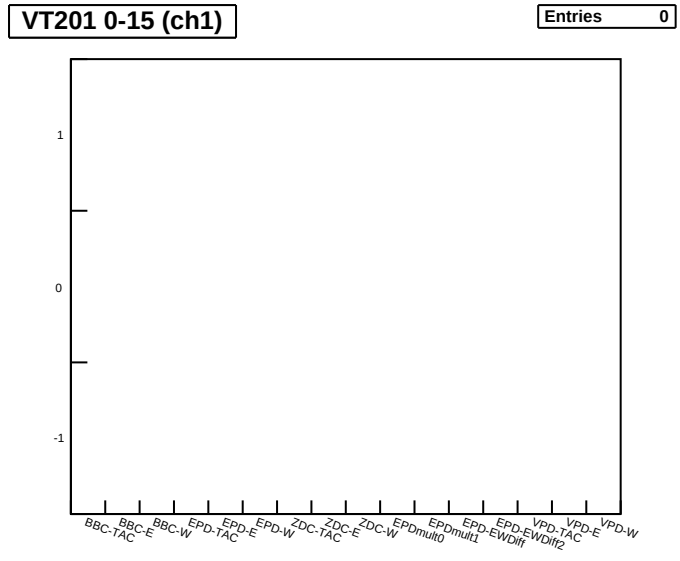

Laser Input Bits
Entries 425538
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

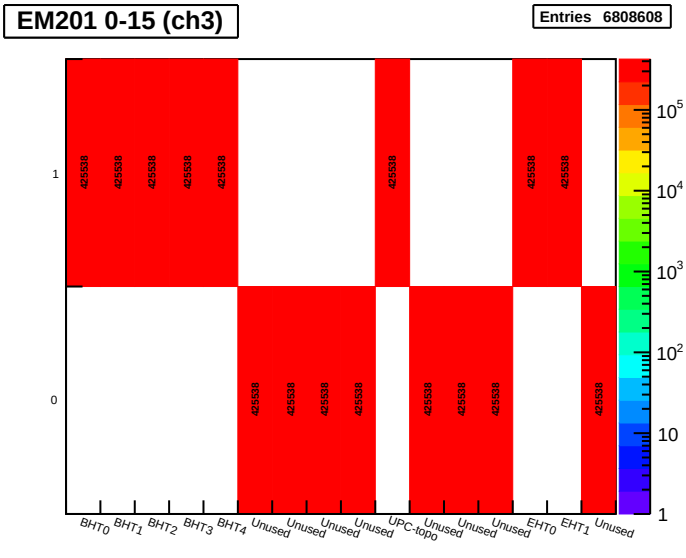

ST201 0-15 (ch6)
Entries 6808608
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425522
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

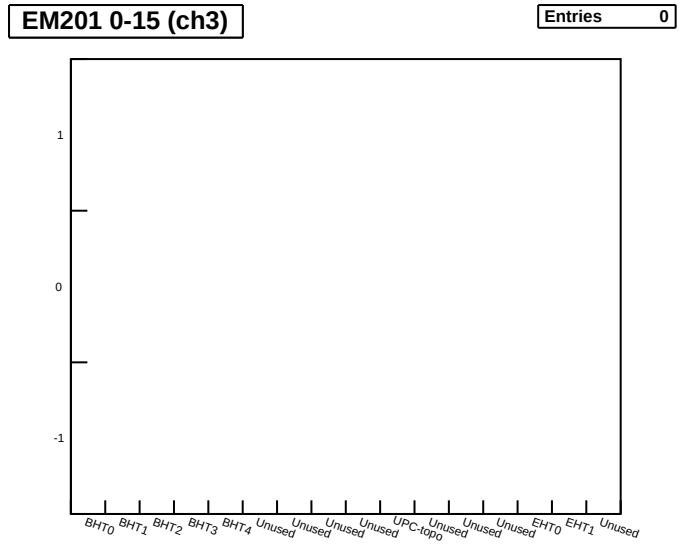

TF201 0-15 (ch0)
Entries 6808608
1
0
425538
421057
389071
371055
245628
348689
351588
343263
425538
425538
425538
425538
425538
425538
4481
36467
54483
179910
425538
76849
73950
82275
425538
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6808608
1
0
62404
360633
258812
249833
418224
420329
394
4333
3843
88
370832
408539
202554
352994
239151
383134
64905
166726
175705
7314
5209
425144
421205
421695
425450
425538
54706
16999
222984
72544
186387
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 6808608
1
0
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
425538
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1