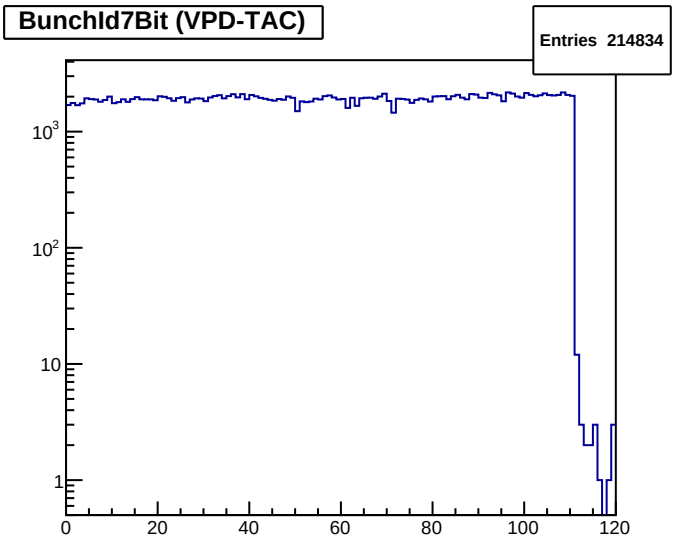
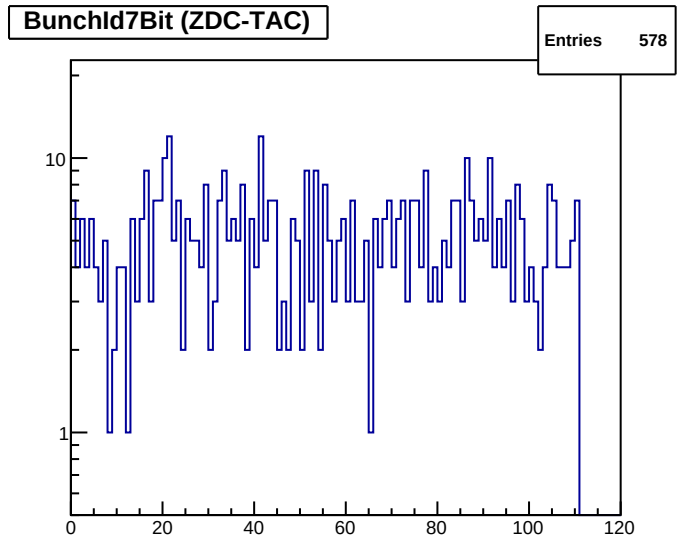
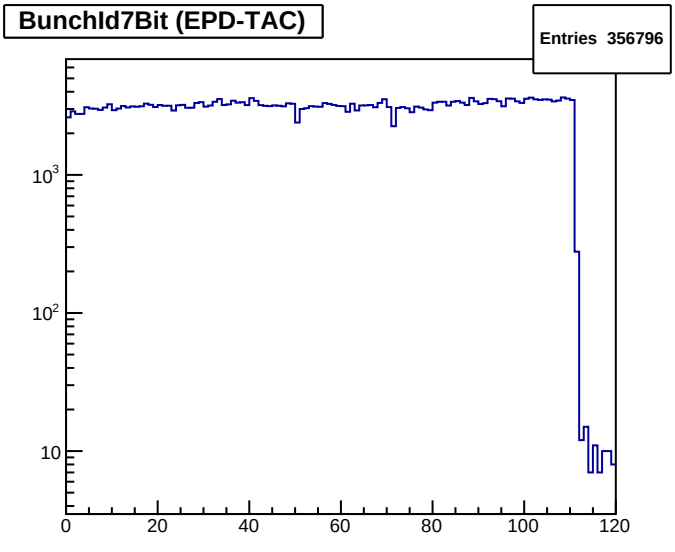
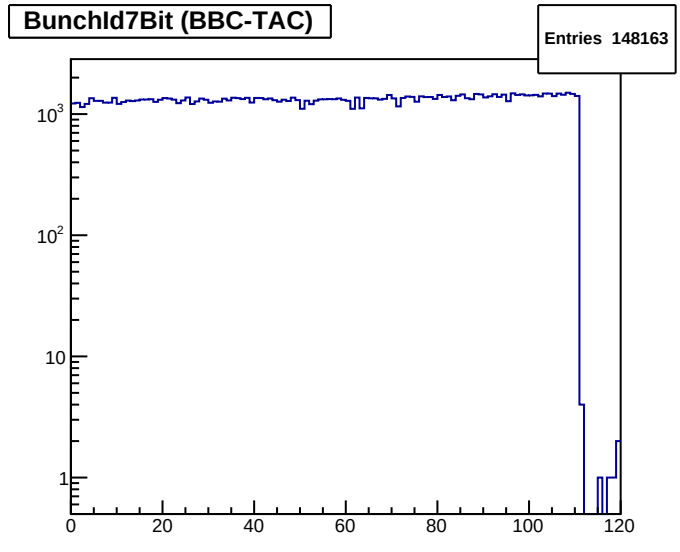
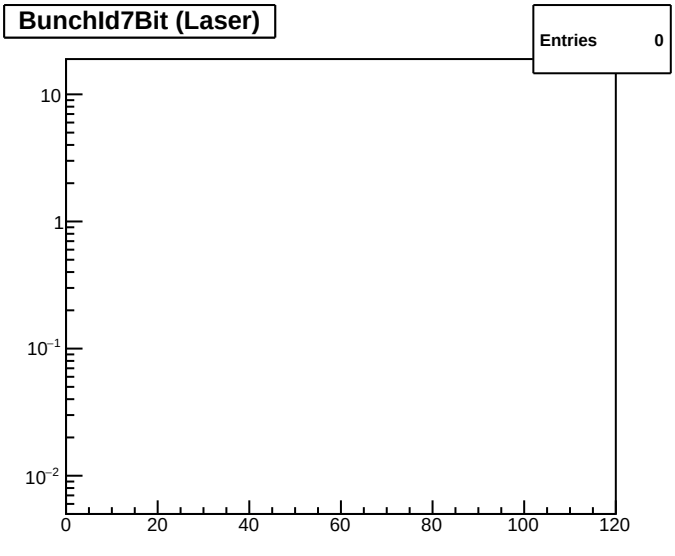
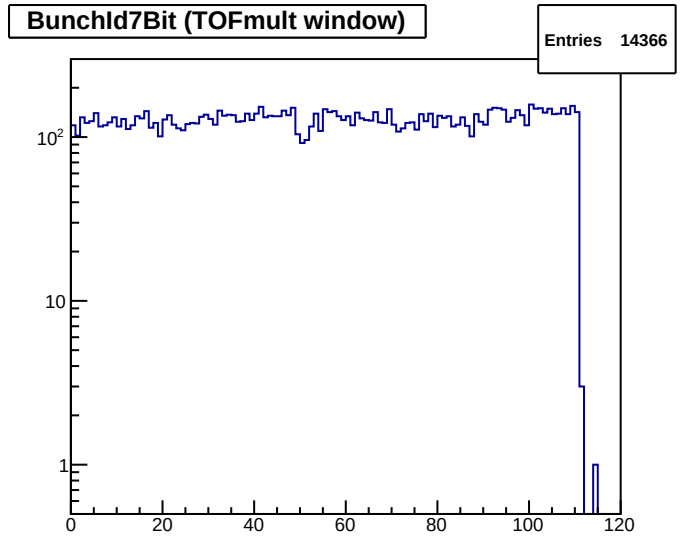

BunchId7Bit (VPD-TAC)
Entries 214834

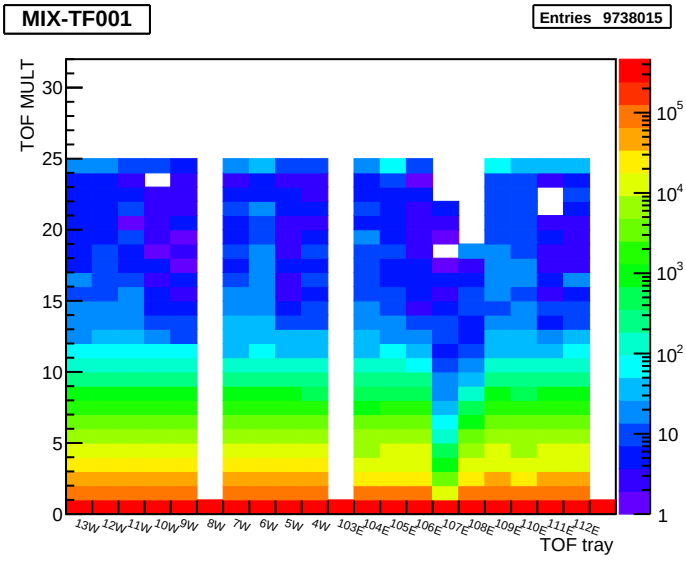

BunchId7Bit (ZDC-TAC)
Entries 578

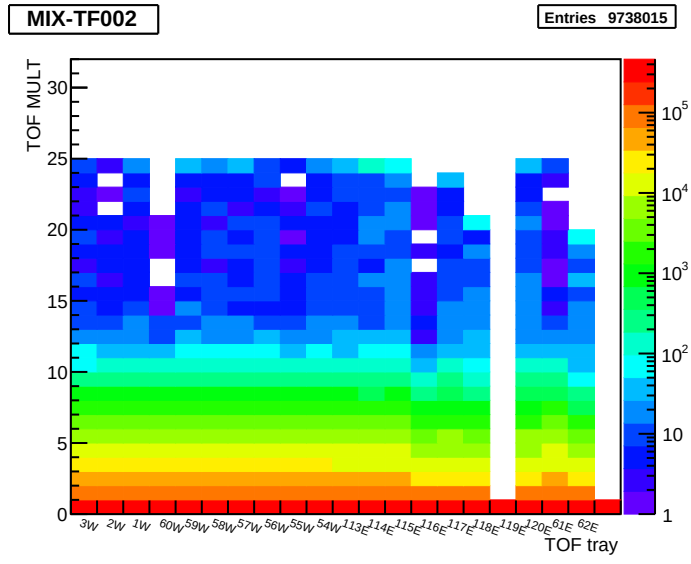

BunchId7Bit (EPD-TAC)
Entries 356796

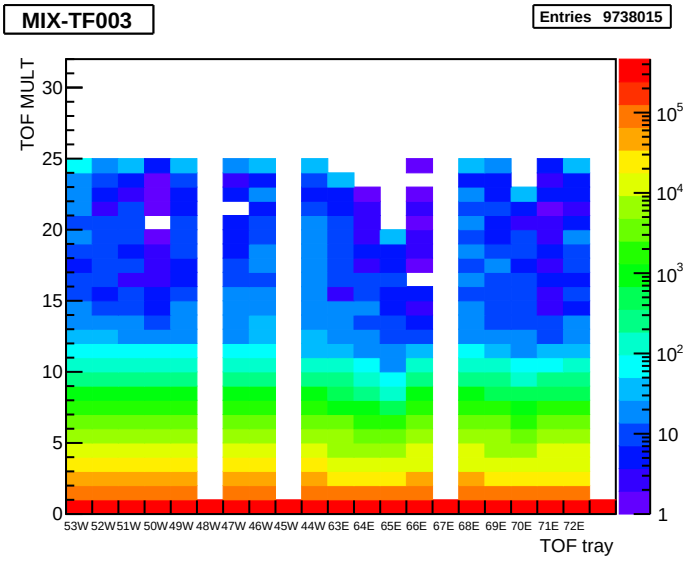

BunchId7Bit (BBC-TAC)
Entries 148163

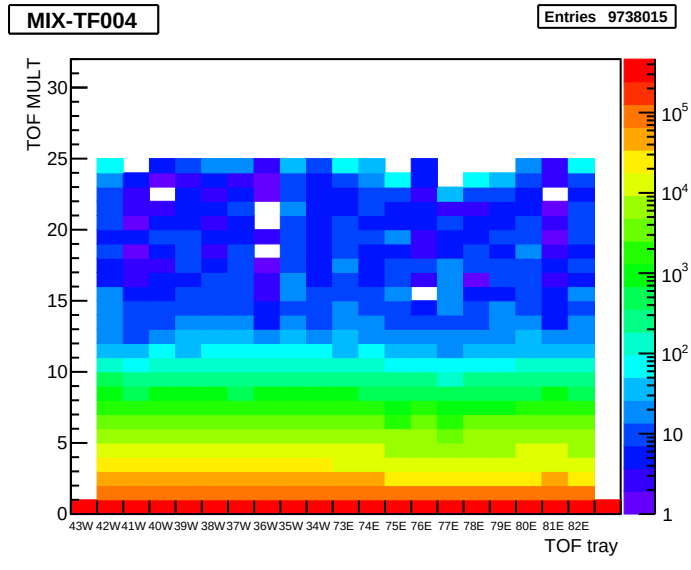

BunchId7Bit (Laser)
Entries 0

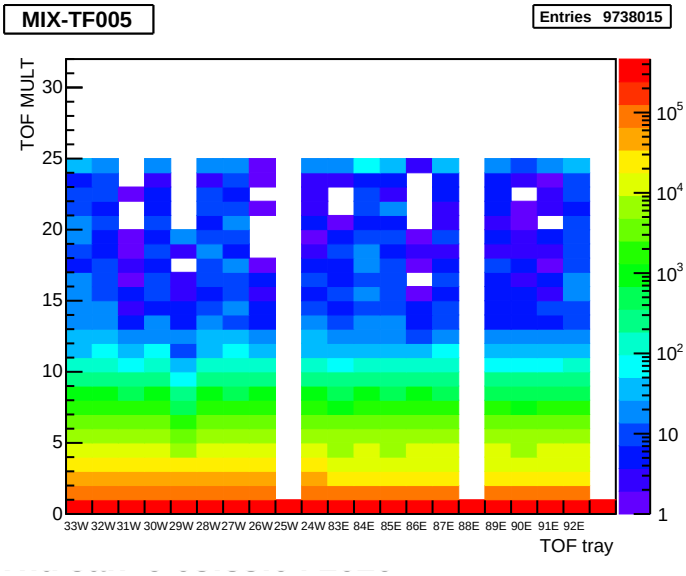

BunchId7Bit (TOFmult window)
Entries 14366

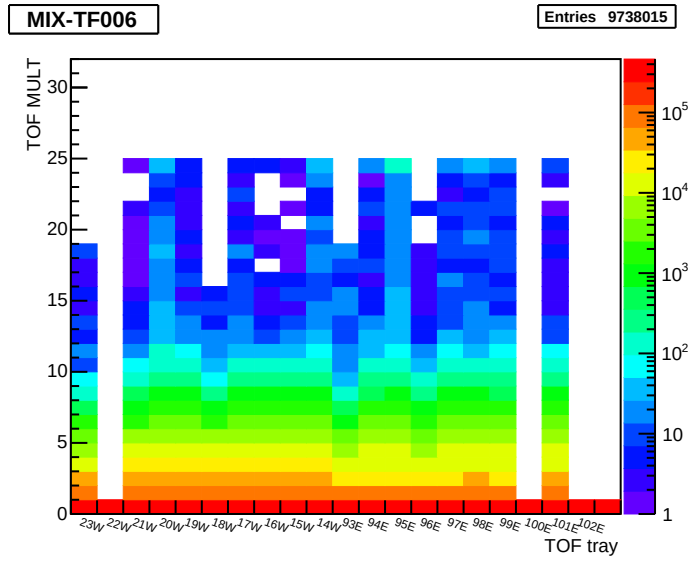

MIX-TF001
Entries 9738015
TOF MULT
TOF tray

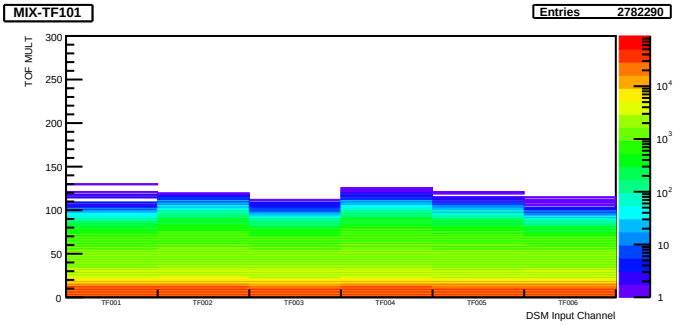

MIX-TF002
Entries 9738015
TOF MULT
TOF tray

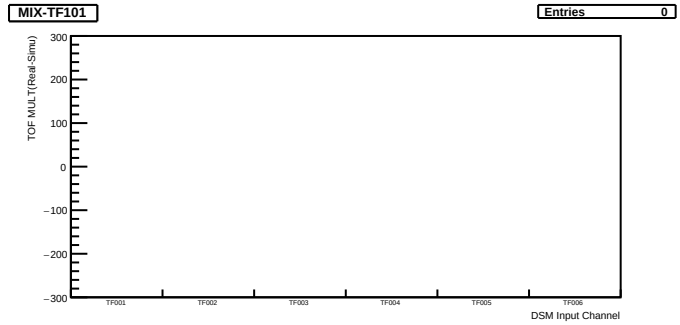

MIX-TF003
Entries 9738015
TOF MULT
TOF tray

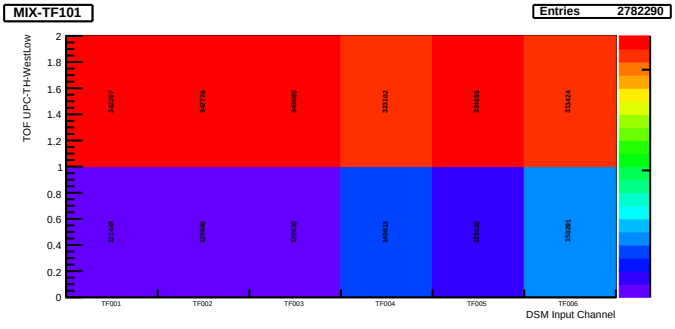

MIX-TF004
Entries 9738015
TOF MULT
TOF tray

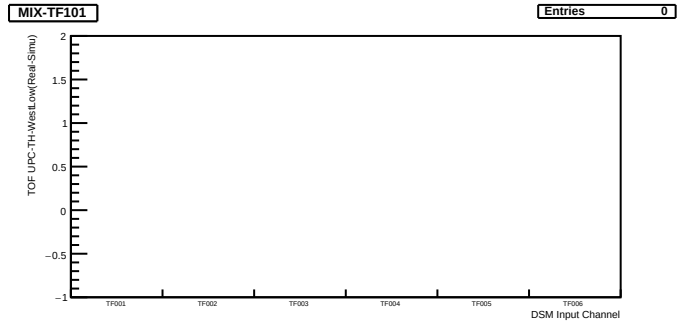

MIX-TF005
Entries 9738015
TOF MULT
TOF tray

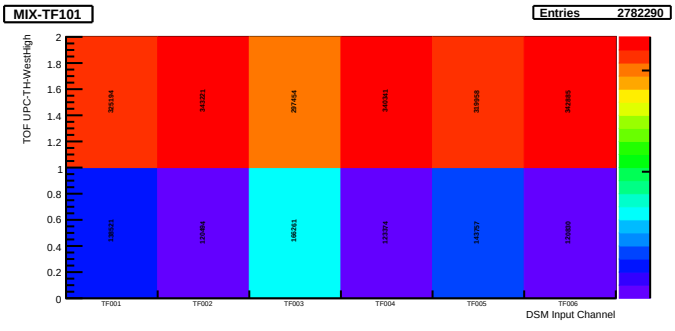

MIX-TF006
Entries 9738015
TOF MULT
TOF tray

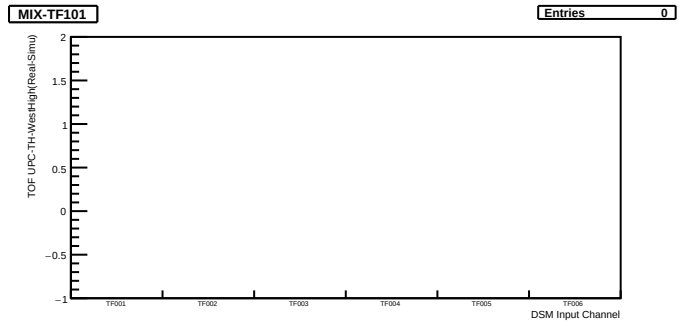

MIX-TF101
Entries 2782290
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

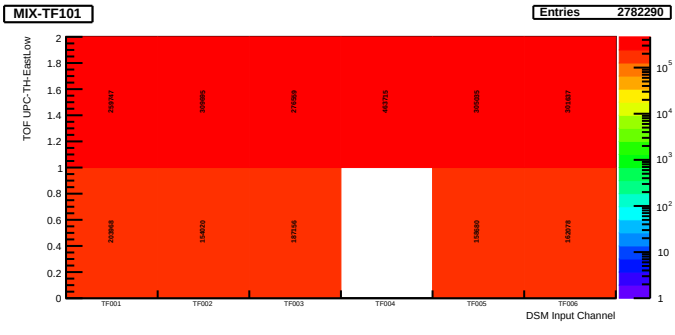

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

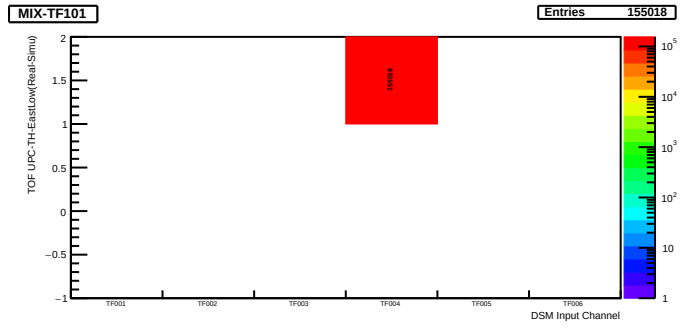

MIX-TF101
Entries 2782290
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

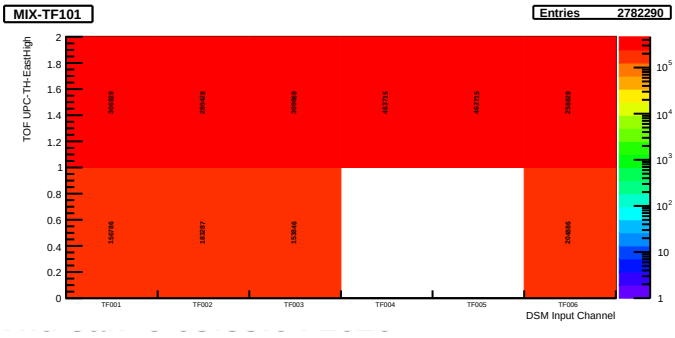

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

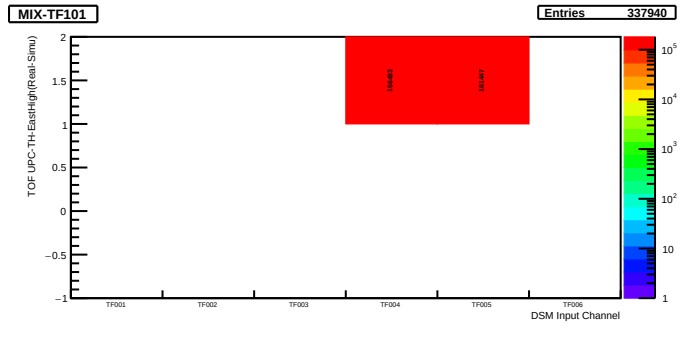

MIX-TF101
Entries 2782290
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

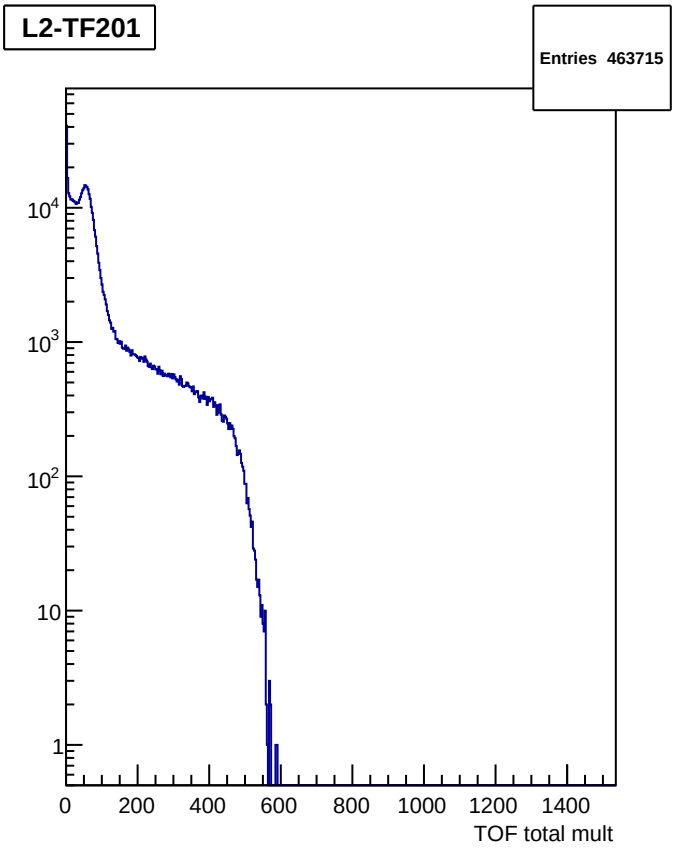

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

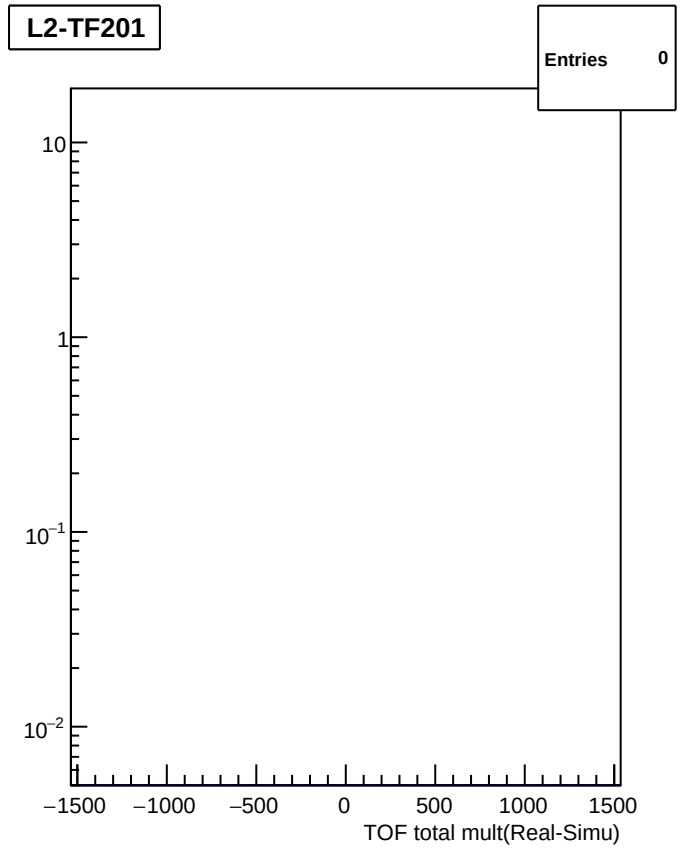

MIX-TF101
Entries 2782290
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

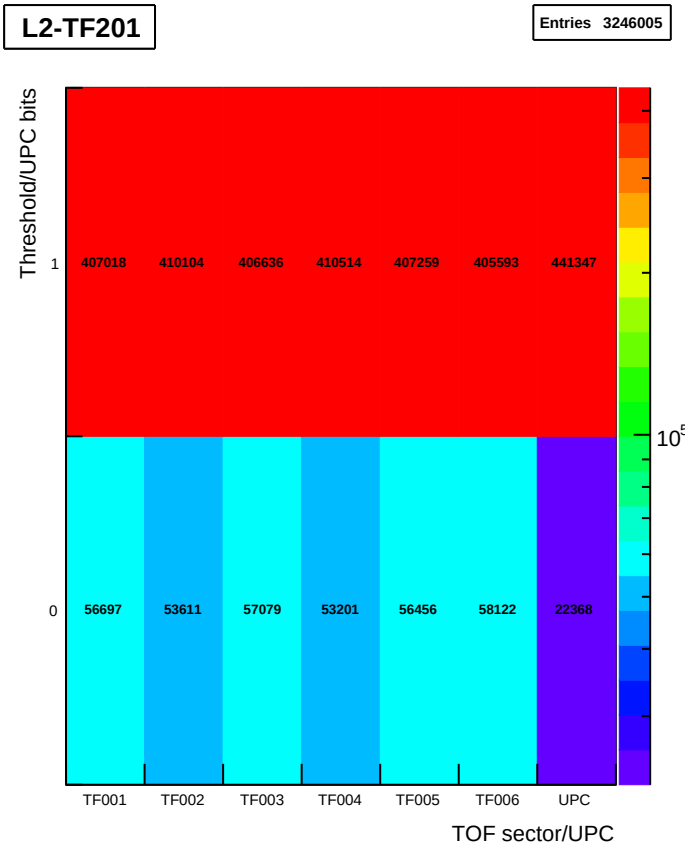

MIX-TF101
Entries 155018
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

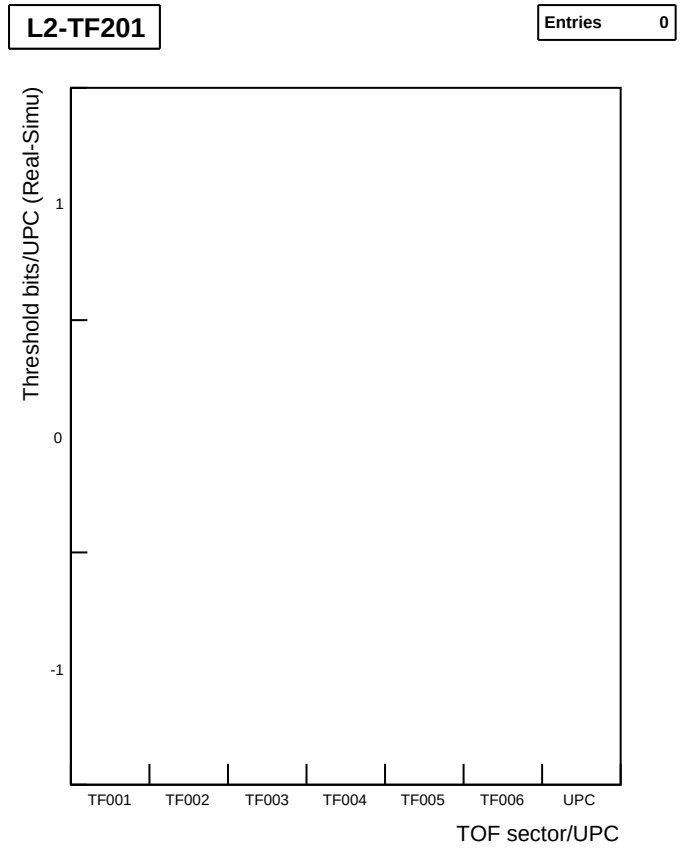

MIX-TF101
Entries 2782290
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

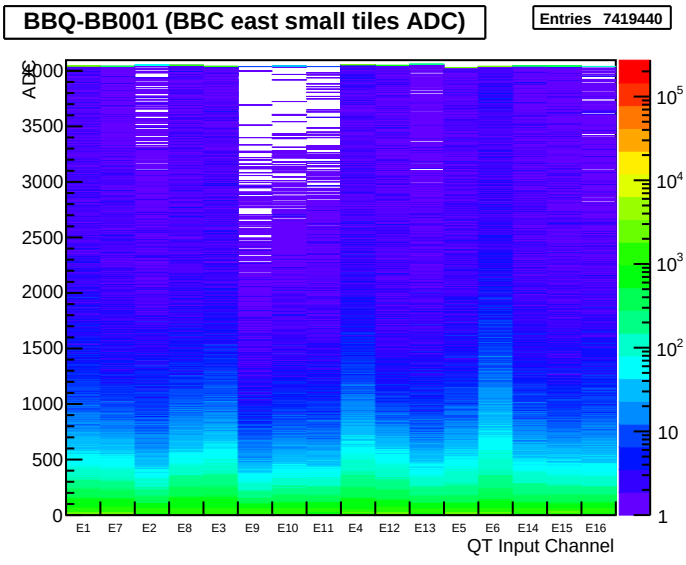

MIX-TF101
Entries 337940
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

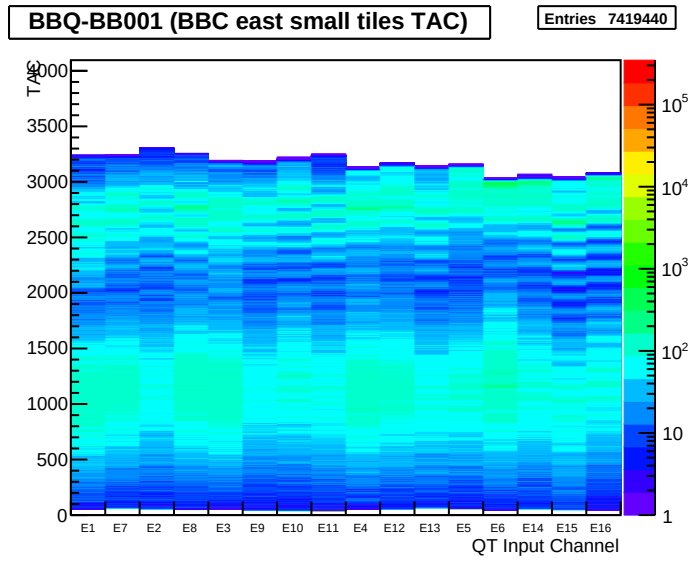

L2-TF201
Entries 463715
TOF total mult

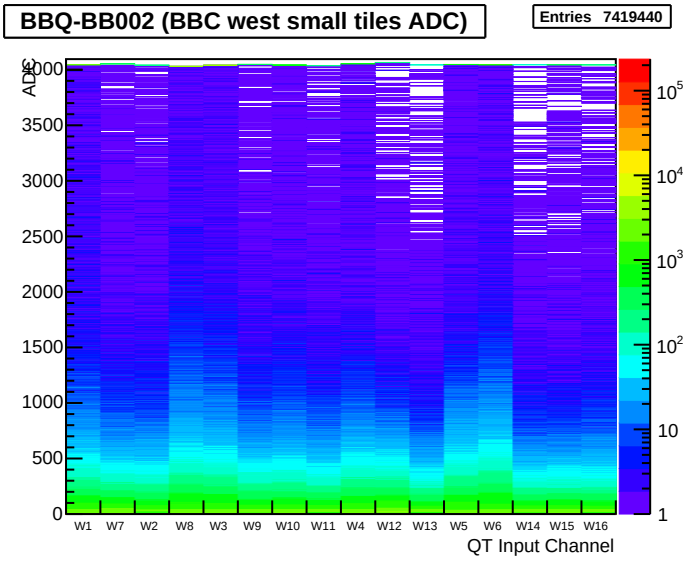

L2-TF201
Entries 0
TOF total mult(Real-Simu)

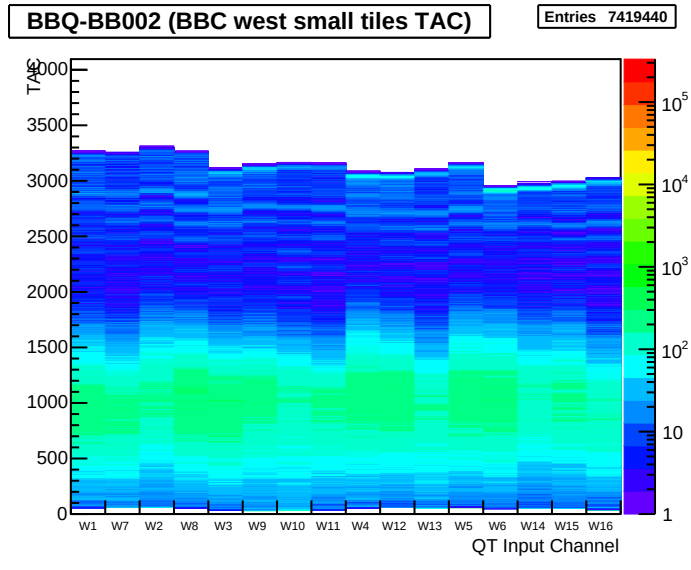

L2-TF201
Entries 3246005
Threshold/UPC bits
407018
410104
406636
410514
407259
405593
441347
56697
53611
57079
53201
56456
58122
22368
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

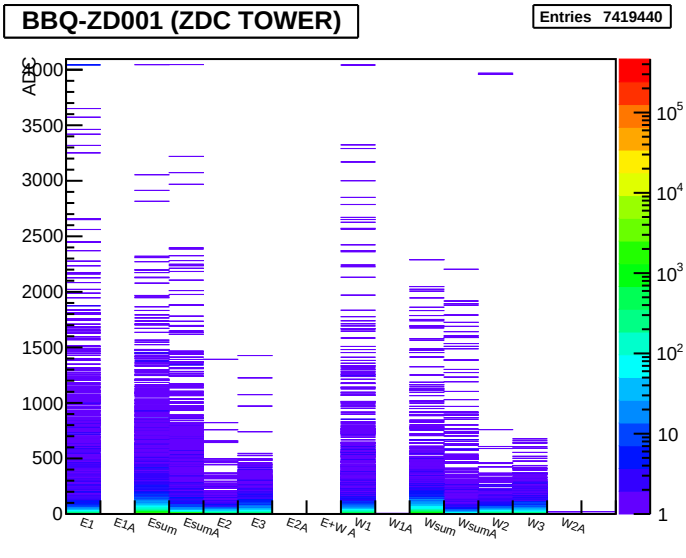

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

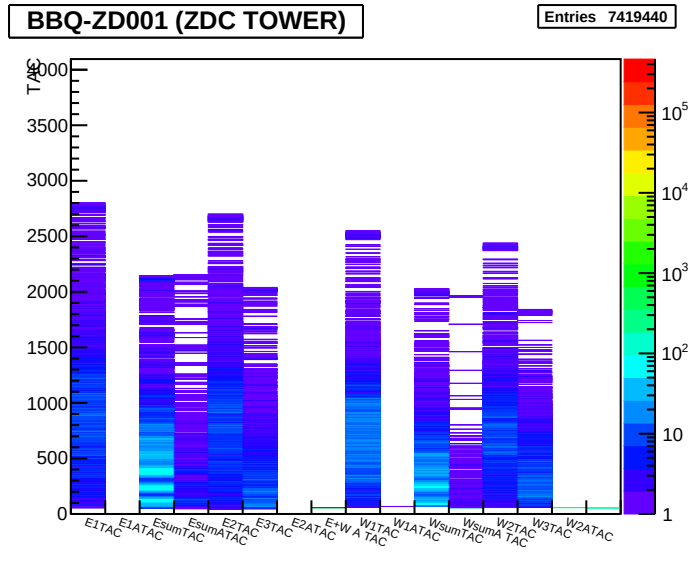

BBQ-BB001 (BBC east small tiles ADC)
Entries 7419440
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

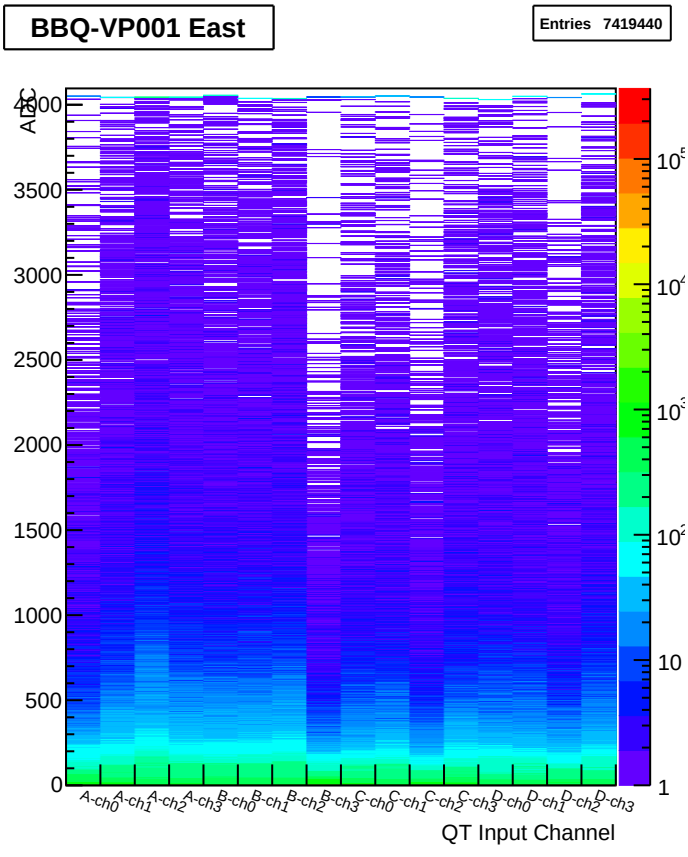

BBQ-BB001 (BBC east small tiles TAC)
Entries 7419440
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

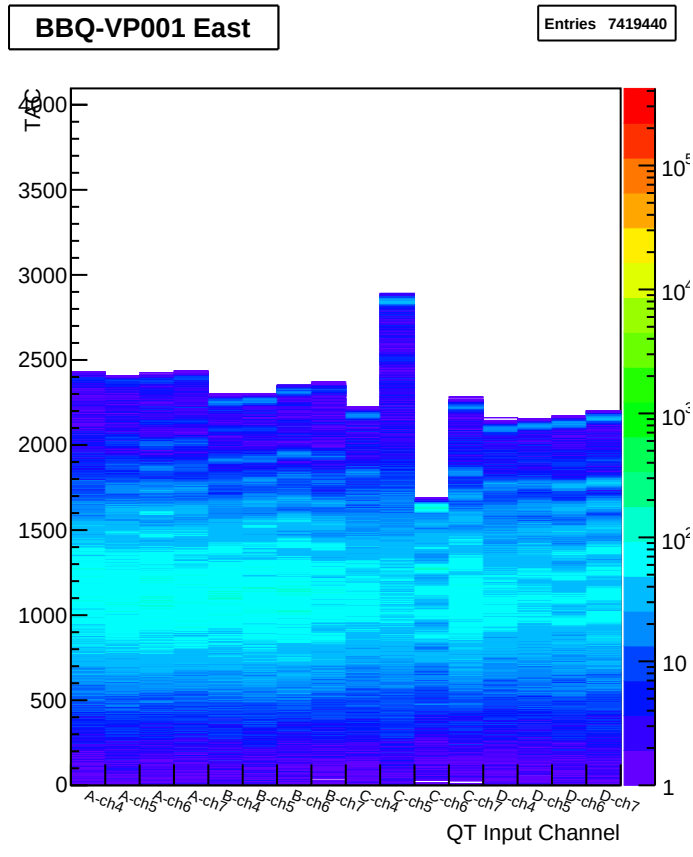

BBQ-BB002 (BBC west small tiles ADC)
Entries 7419440
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

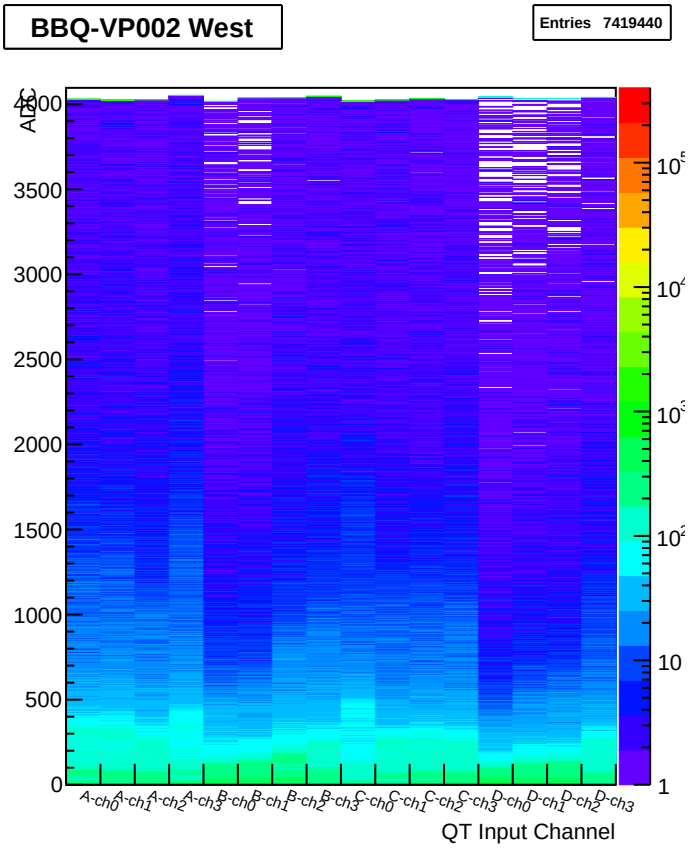

BBQ-BB002 (BBC west small tiles TAC)
Entries 7419440
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

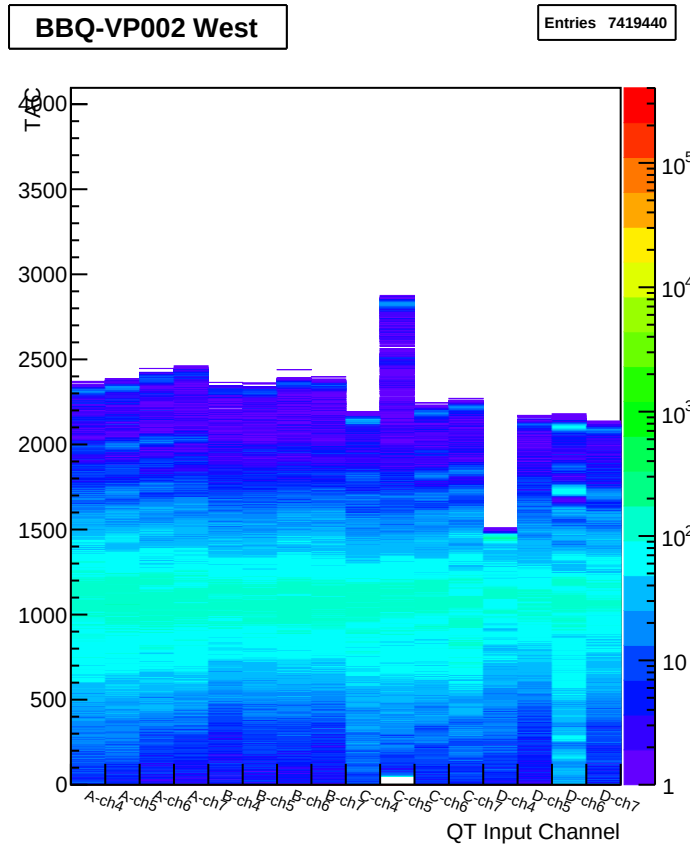

BBQ-ZD001 (ZDC TOWER)
Entries 7419440
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

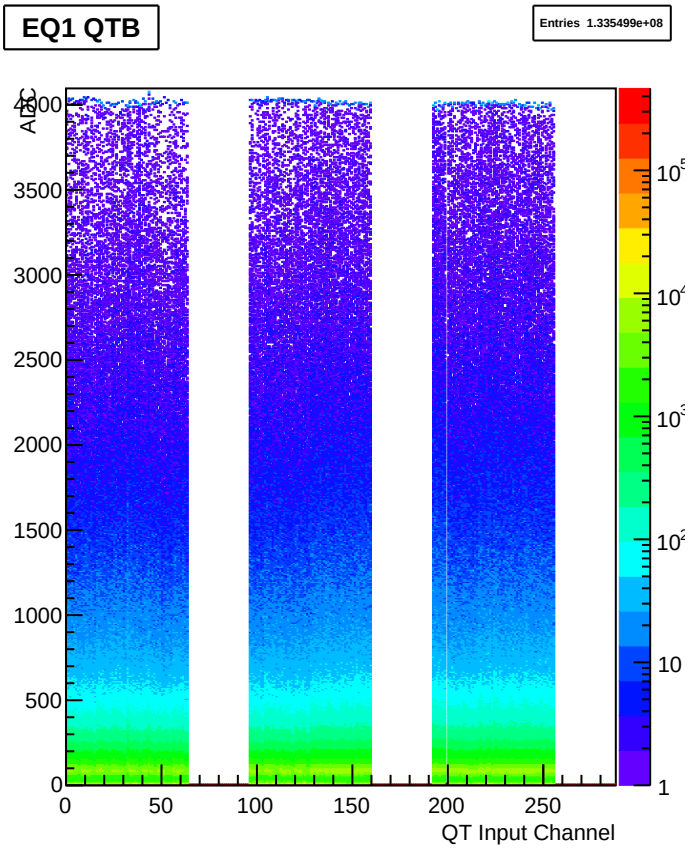

BBQ-ZD001 (ZDC TOWER)
Entries 7419440
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

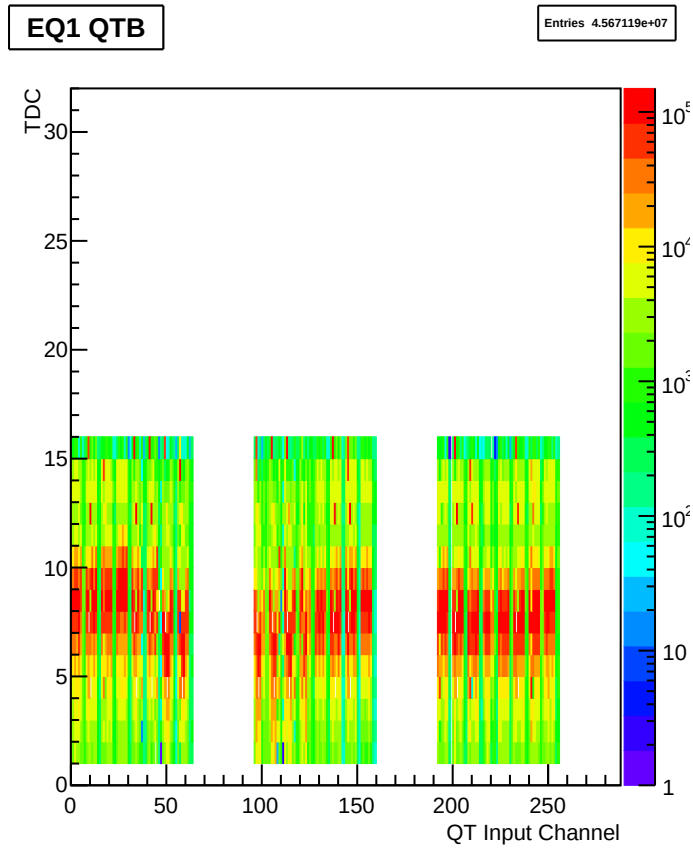

BBQ-VP001 East
Entries 7419440
ADC
QT Input Channel

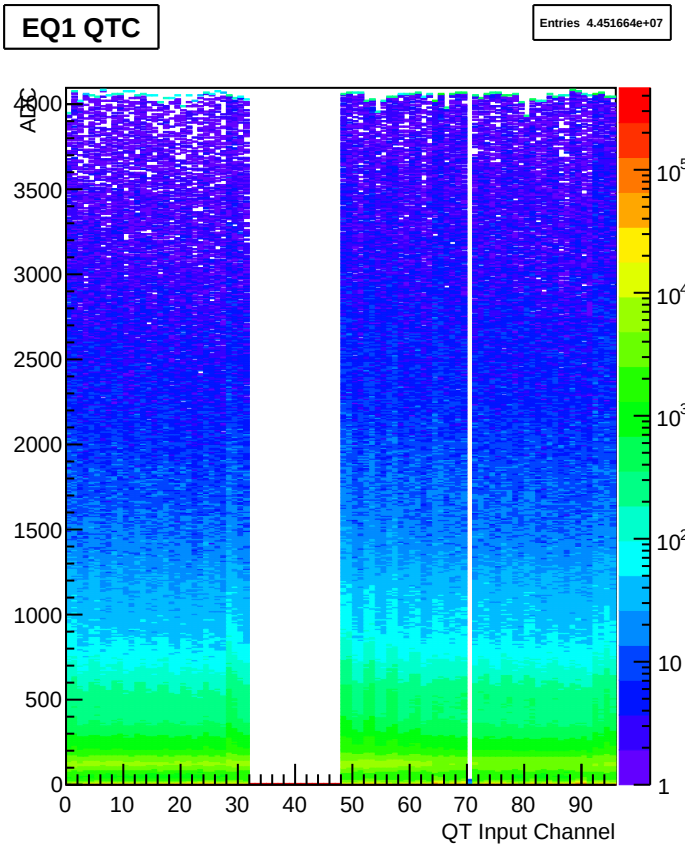

BBQ-VP001 East
Entries 7419440
TADC
QT Input Channel

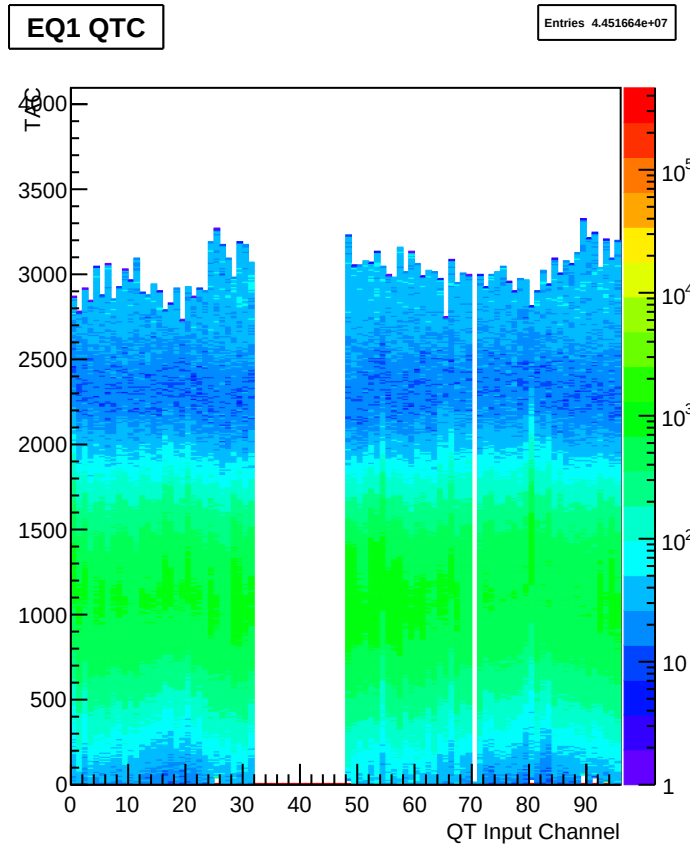

BBQ-VP002 West
Entries 7419440
ADC
QT Input Channel

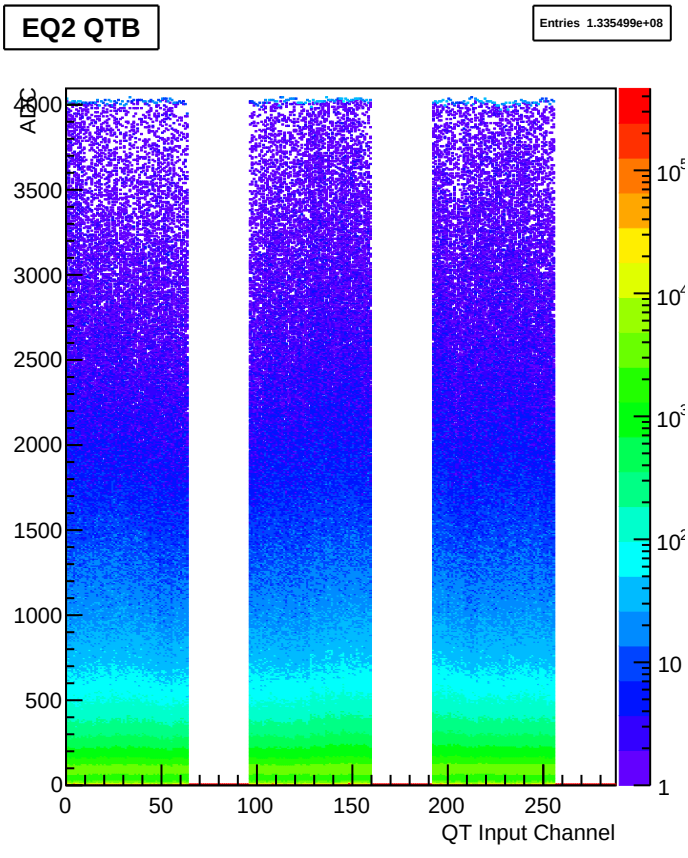

BBQ-VP002 West
Entries 7419440
TADC
QT Input Channel

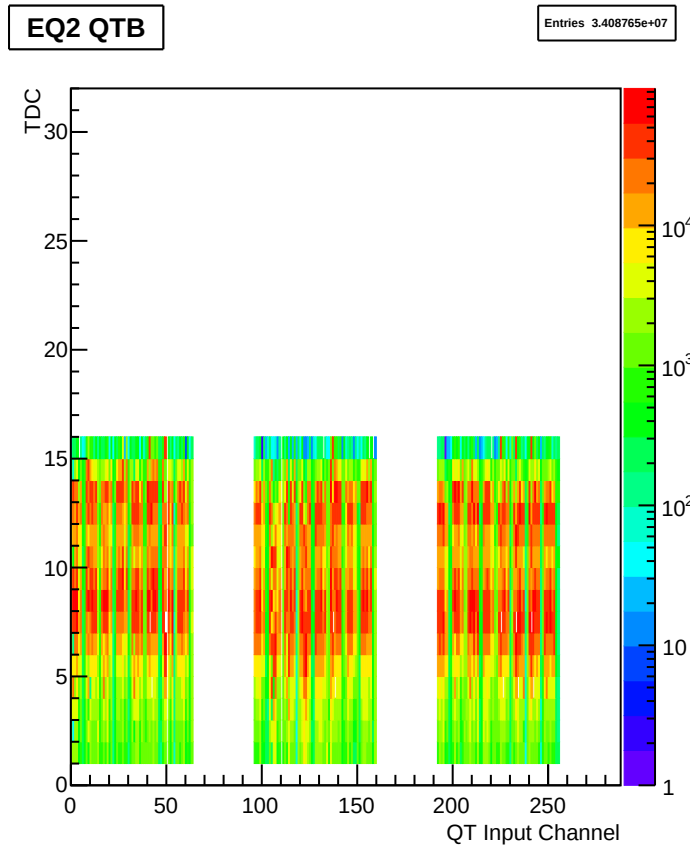

EQ1 QTB
Entries 1.335499e+08
ADC
QT Input Channel

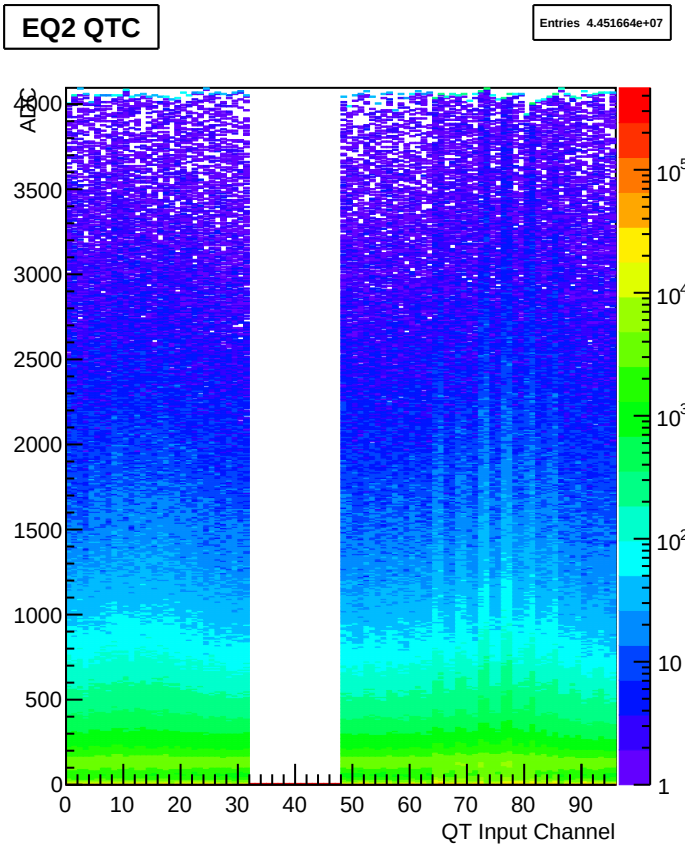

EQ1 QTB
Entries 4.567119e+07
TDC
QT Input Channel

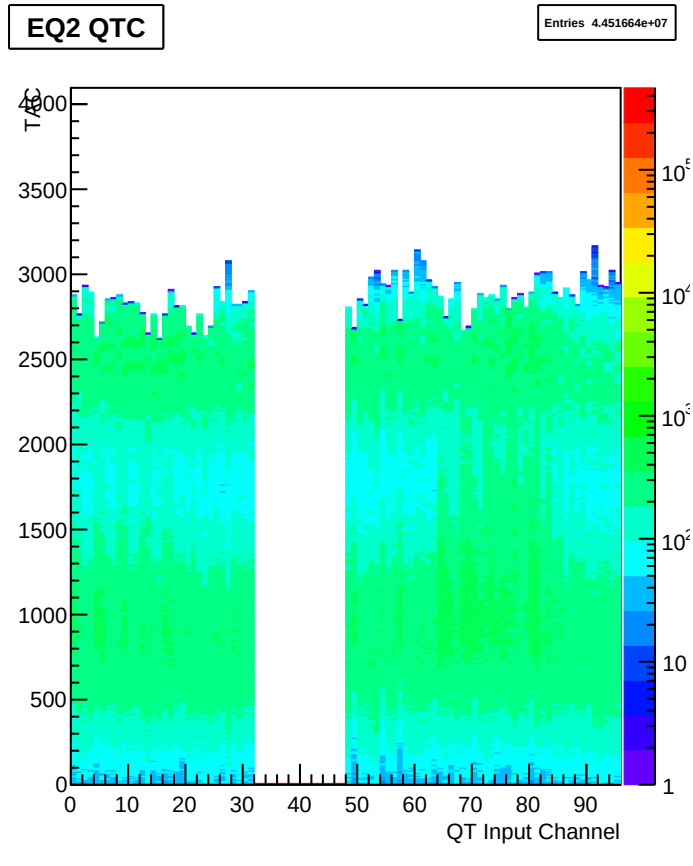

EQ1 QTC
Entries 4.451664e+07
ADC
QT Input Channel

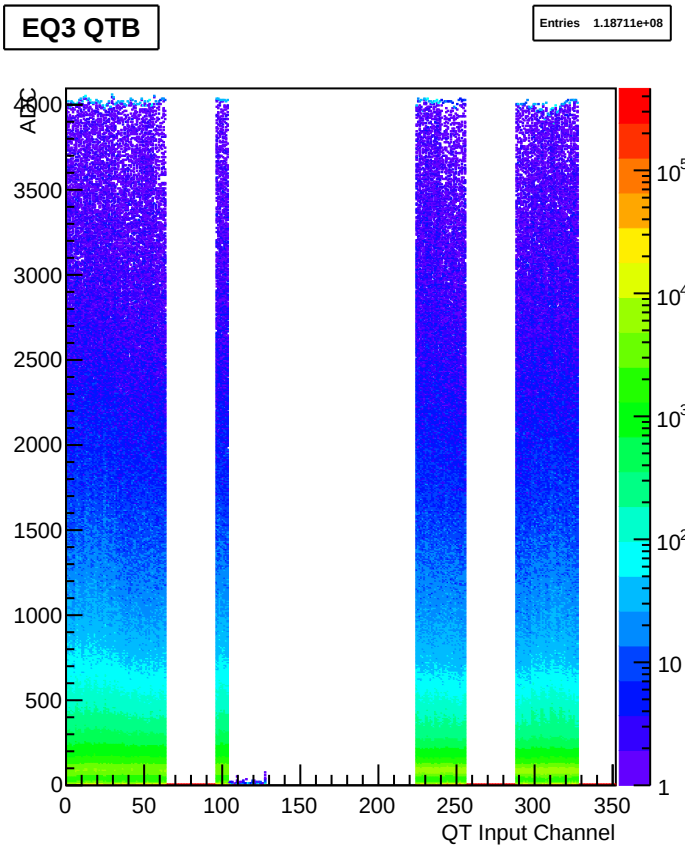

EQ1 QTC
Entries 4.451664e+07
TADC
QT Input Channel

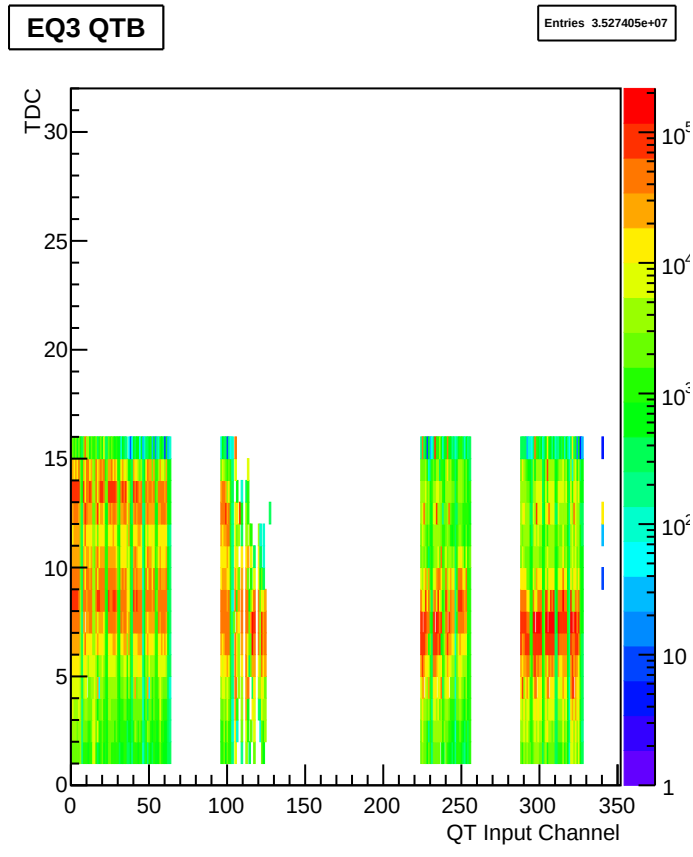

EQ2 QTB
Entries 1.335499e+08
ADC
QT Input Channel

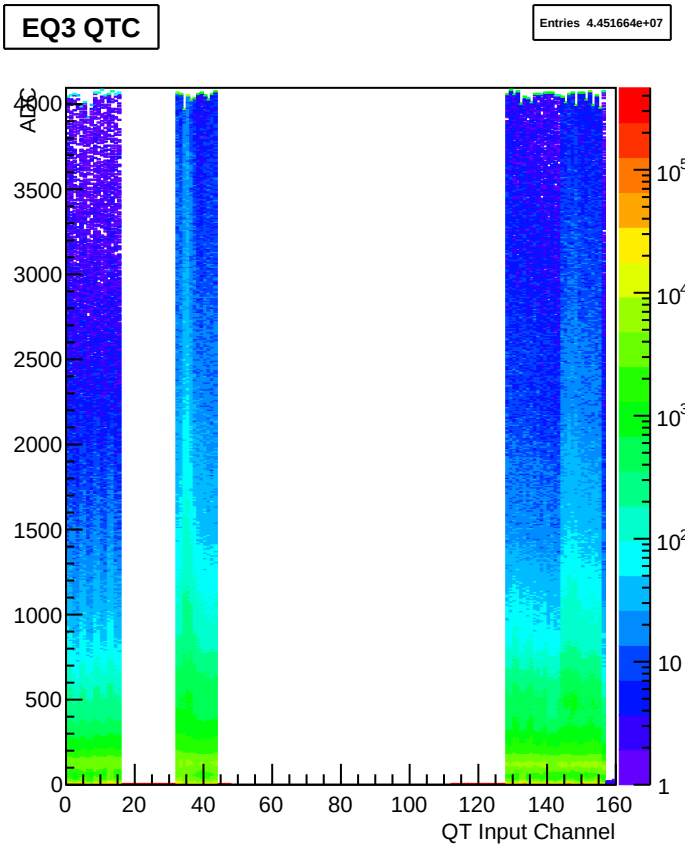

EQ2 QTB
Entries 3.408765e+07
TDC
QT Input Channel

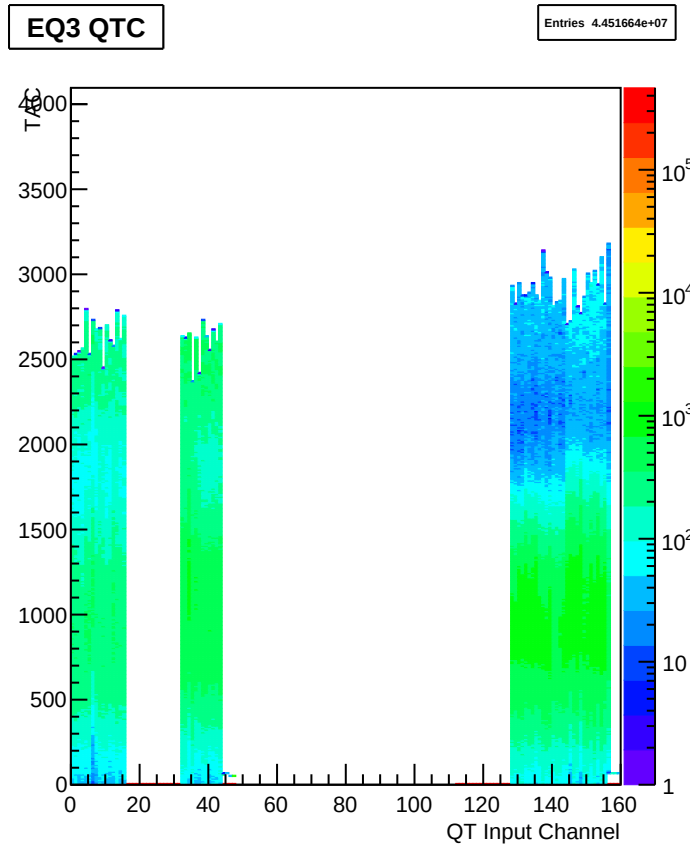

EQ2 QTC
Entries 4.451664e+07
ADC
QT Input Channel

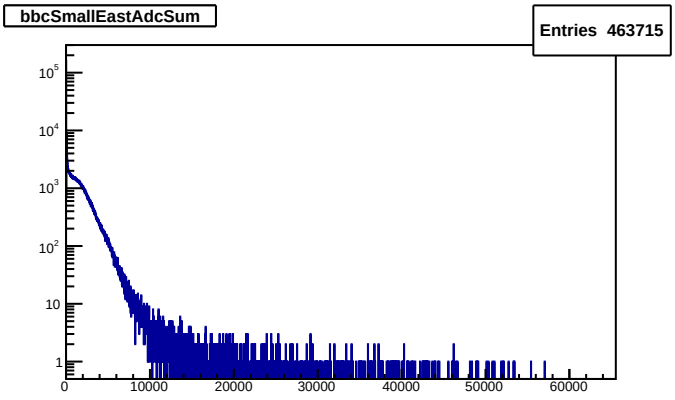

EQ2 QTC
Entries 4.451664e+07
TADC
QT Input Channel

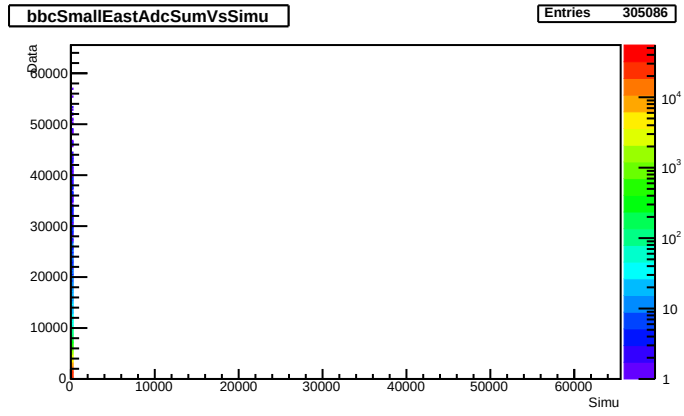

EQ3 QTB
Entries 1.18711e+08
ADC
QT Input Channel

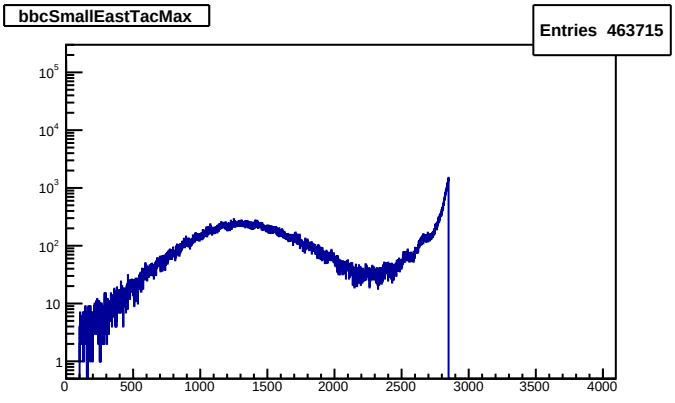

EQ3 QTB
Entries 3.527405e+07
TDC
QT Input Channel

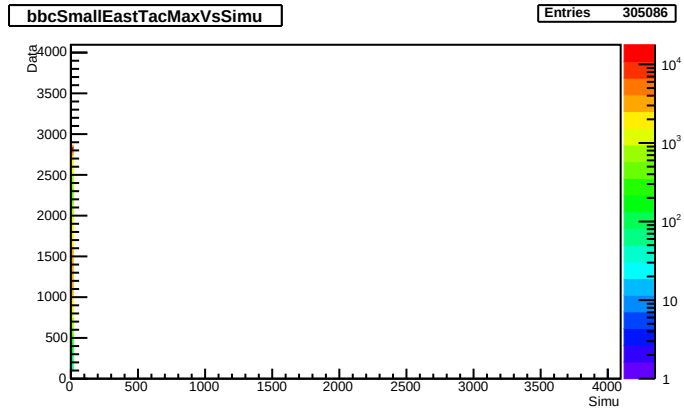

EQ3 QTC
Entries 4.451664e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.451664e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 463715


bbcSmallEastAdcSumVsSimu
Entries 305086
Data
Simu


bbcSmallEastTacMax
Entries 463715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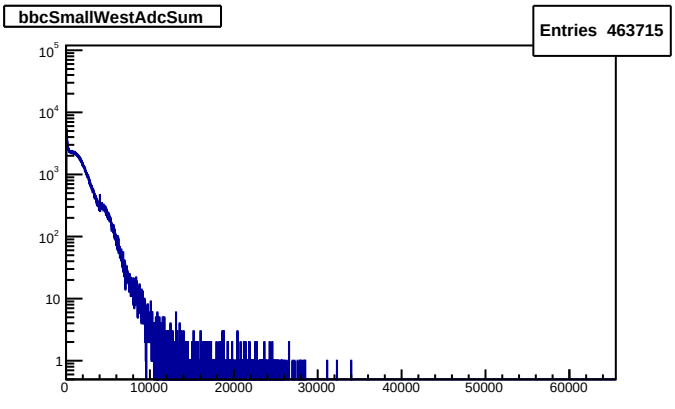
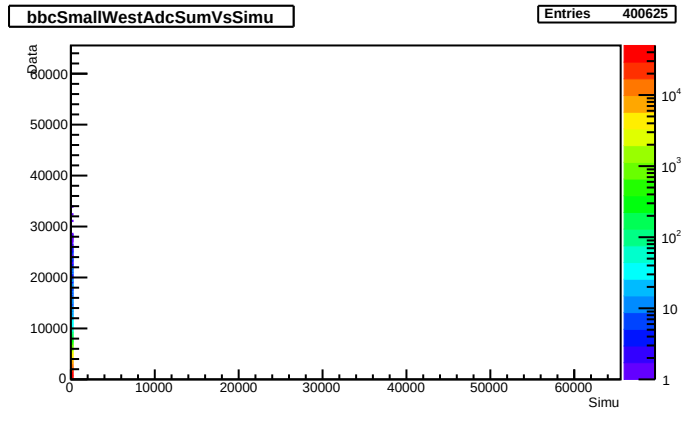
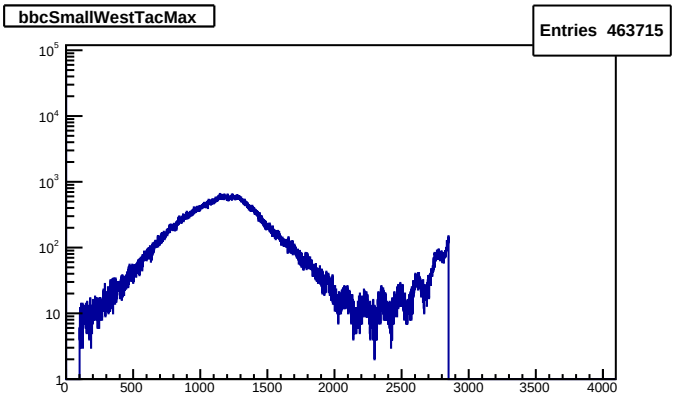
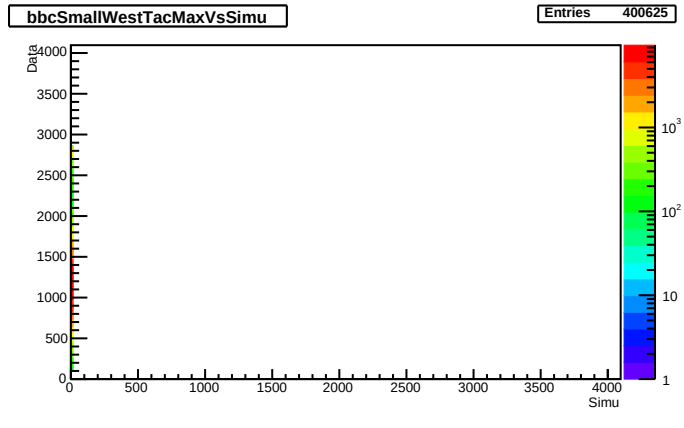
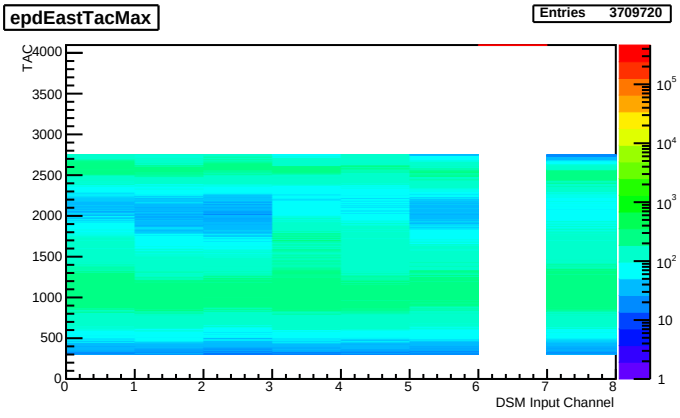
Entries 305086
Data
Simu

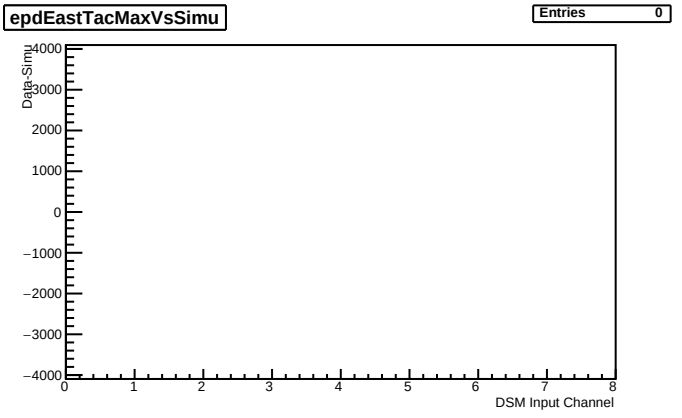

bbcSmallWestAdcSum
Entries 463715


bbcSmallWestAdcSumVsSimu
Entries 400625
Data
Simu


bbcSmallWestTacMax
Entries 463715


bbcSmallWestTacMaxVsSimu
Entries 400625
Data
Simu


epdEastTacMax
Entries 3709720
TAC
DSM Input Channel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Entries 0
Data-Simu
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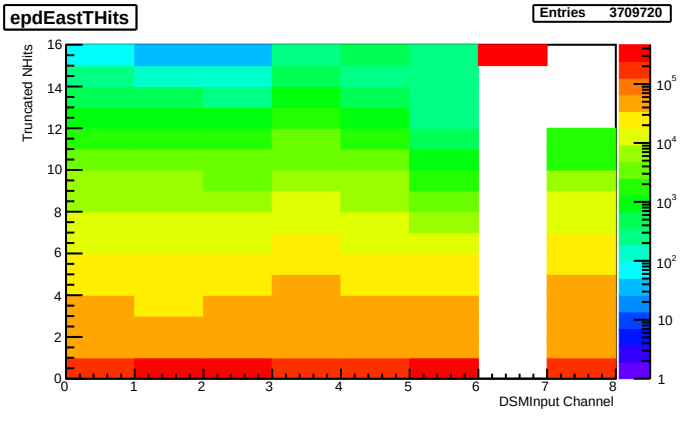
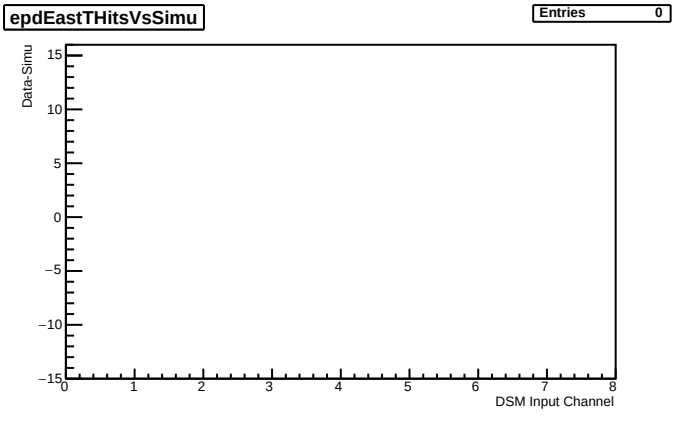

epdEastTHits
Entries 3709720
Truncated NHits
DSMInput Channel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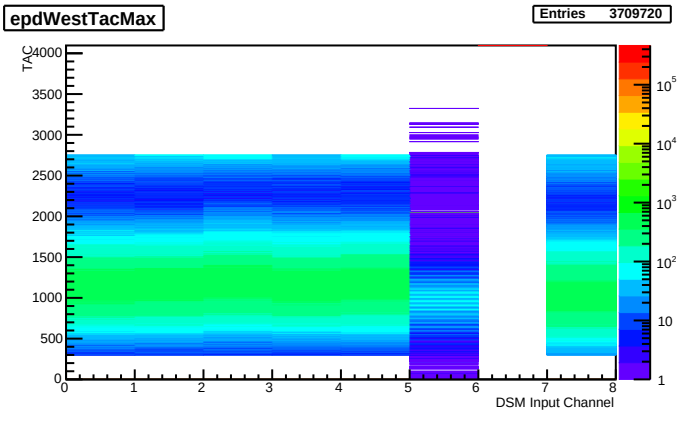
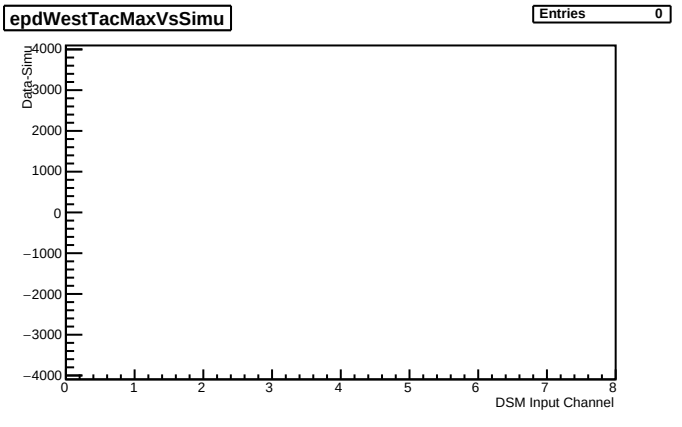
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3709720
TAC
DSM Input Channel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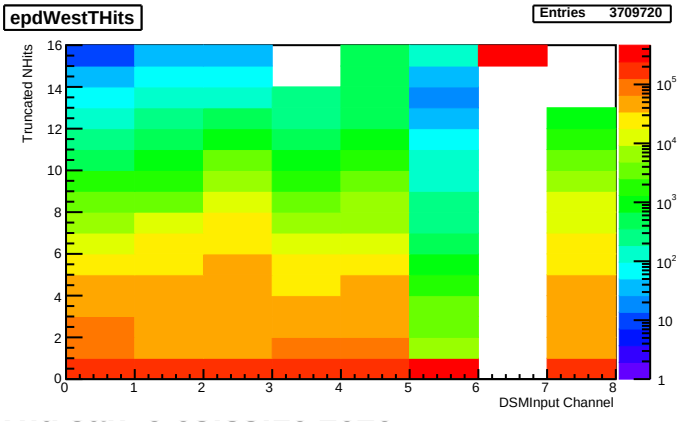
Data-Simu
DSM Input Channel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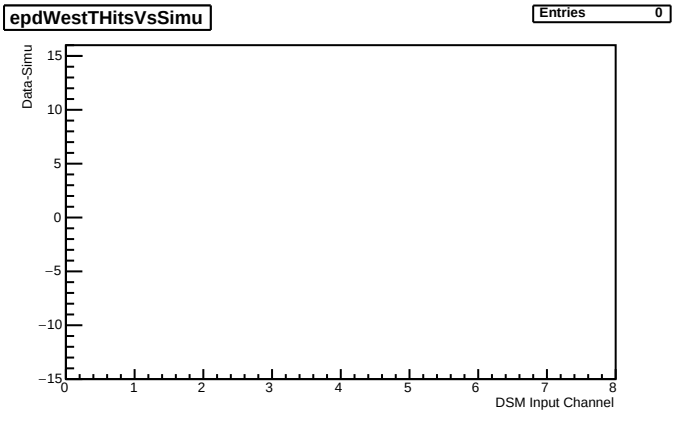
Entries 3709720
Truncated NHits
DSMInput Channel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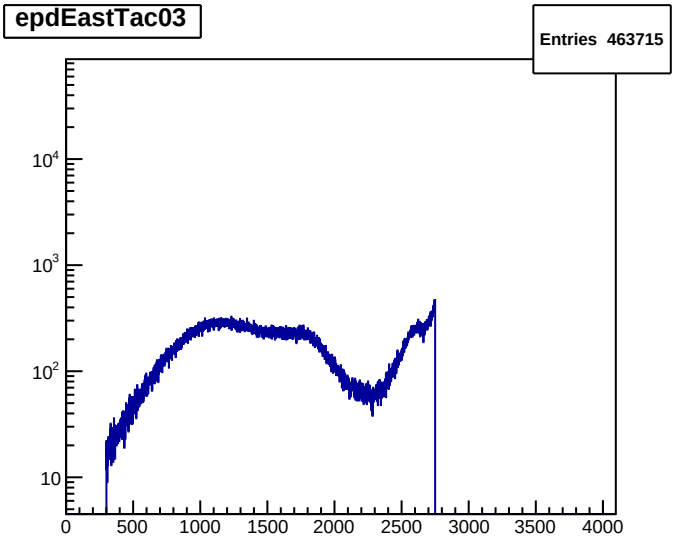
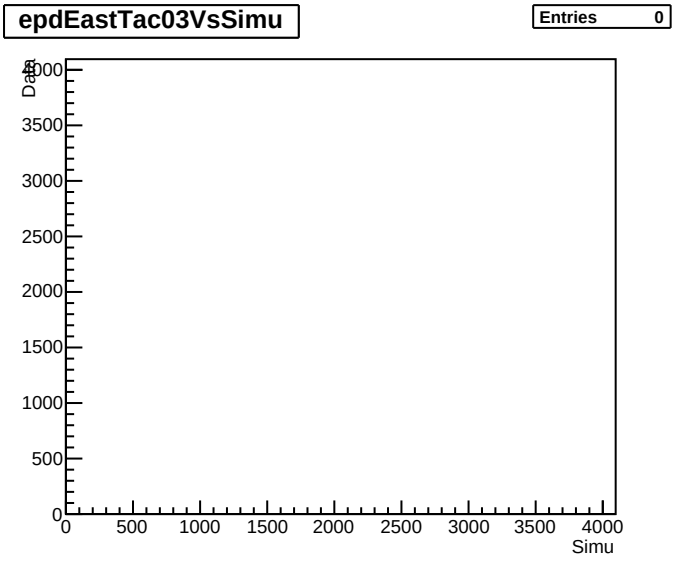
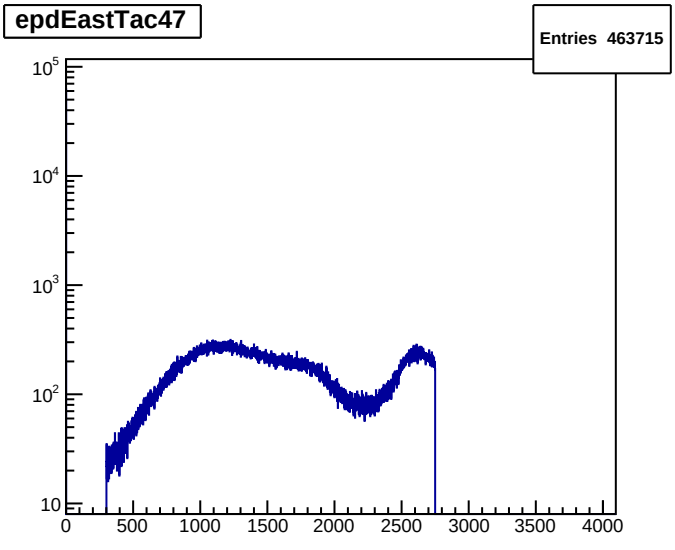
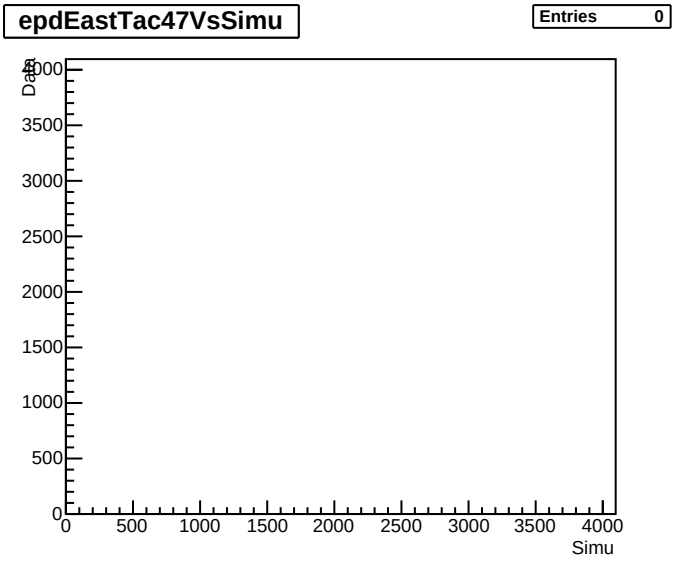
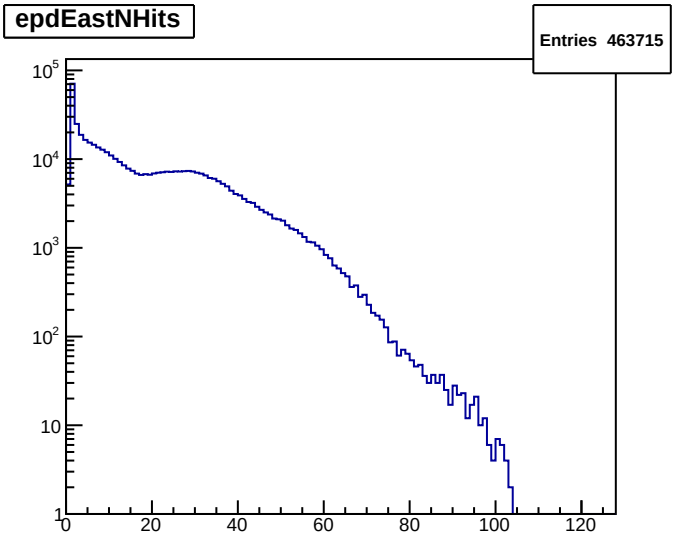
Entries 0
Data-Simu
DSM Input Channel

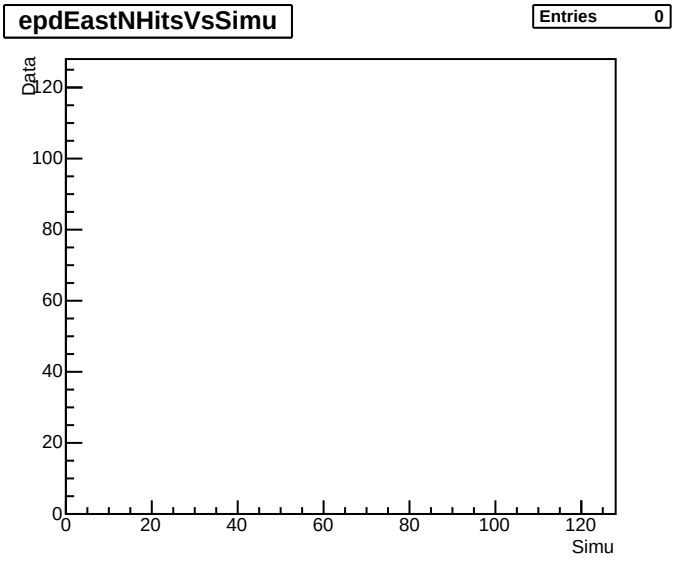

epdEastTac03
Entries 463715


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 463715


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 463715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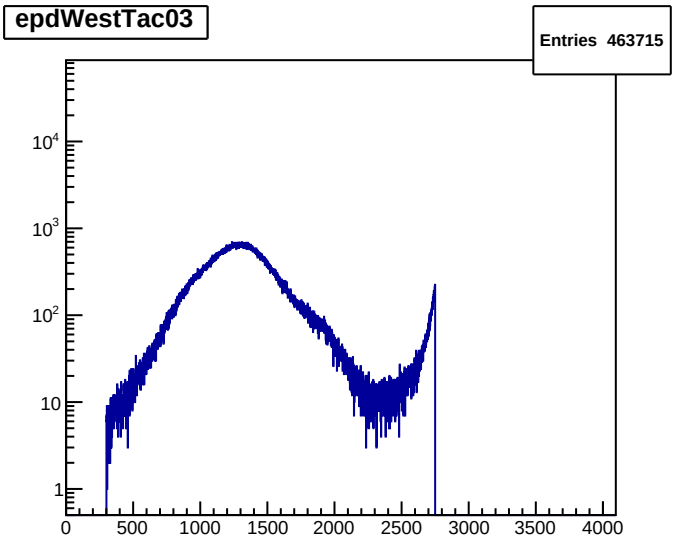
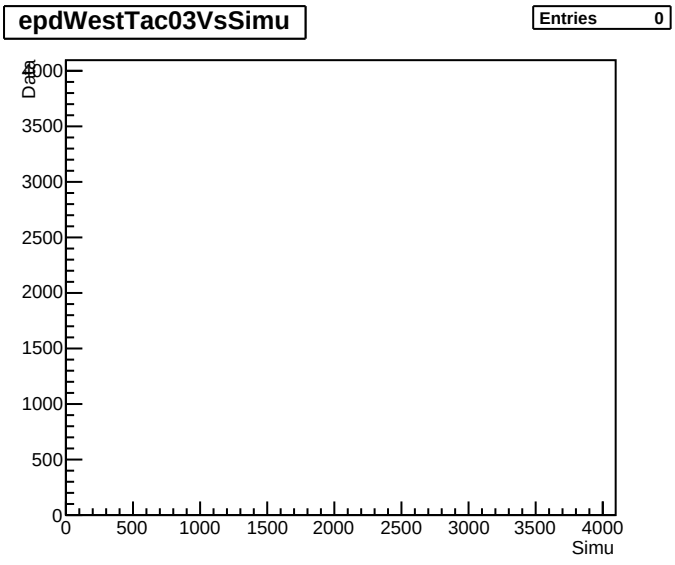
Entries 0
Data
Simu


epdWestTac03
Entries 463715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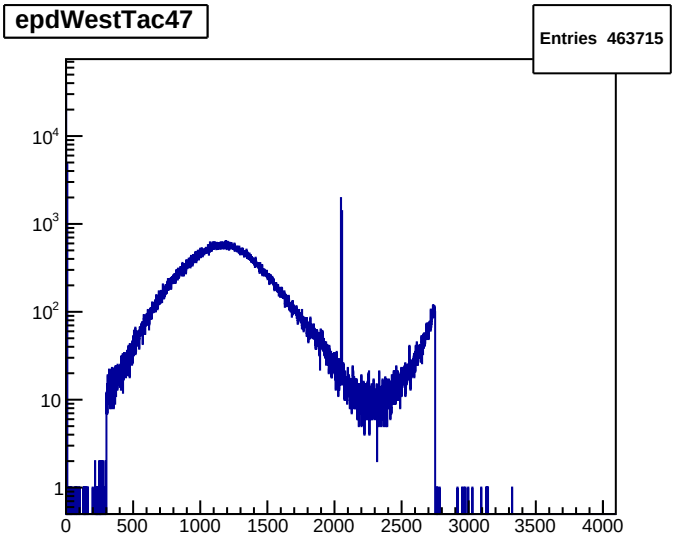
Entries 0
Data
Simu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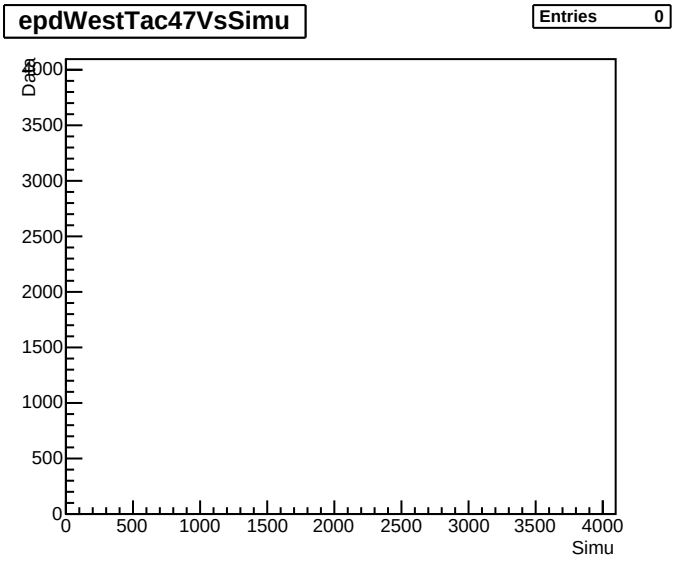
Entries 463715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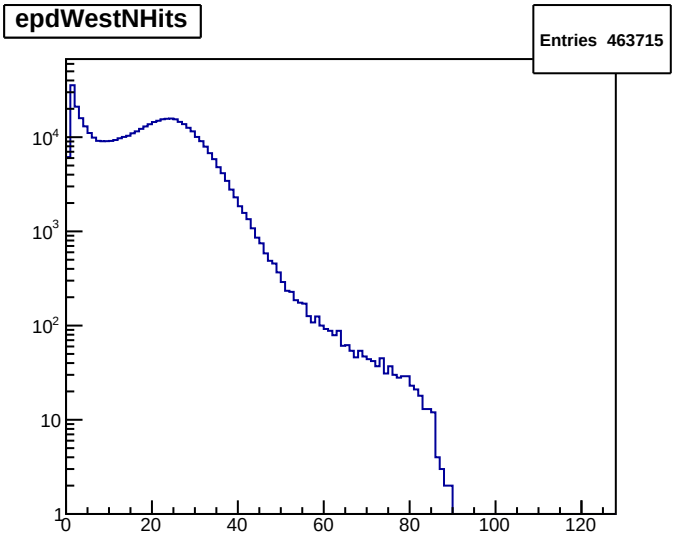
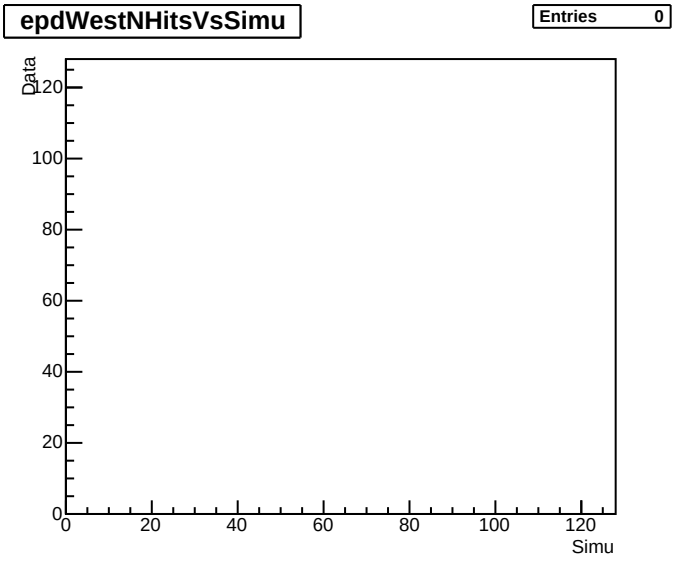
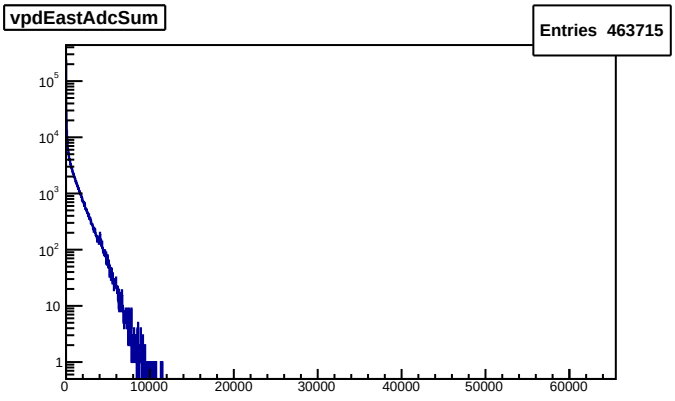
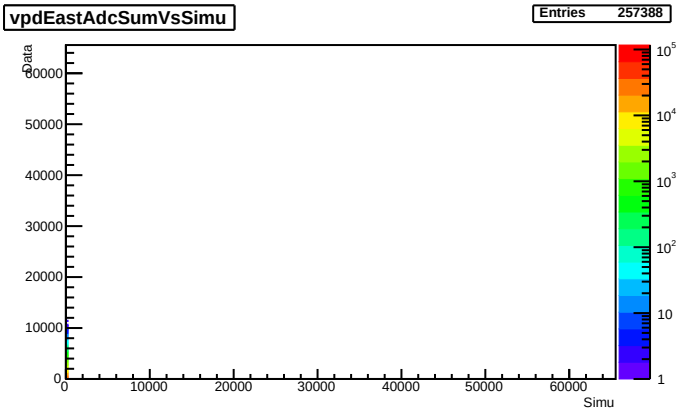
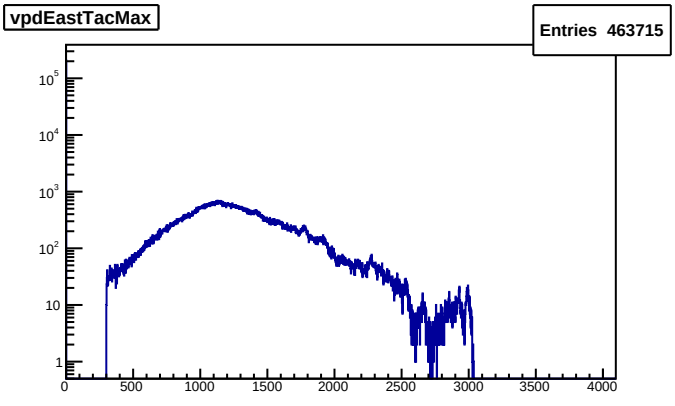
Entries 0
Data
Simu

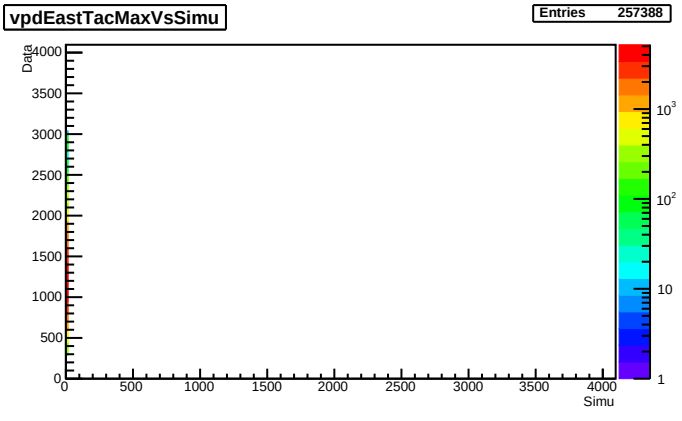

epdWestNHits
Entries 463715

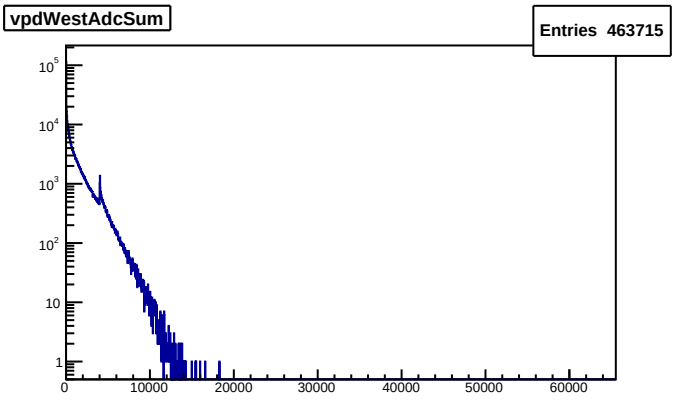

epdWestNHitsVsSimu
Entries 0
Data
Simu

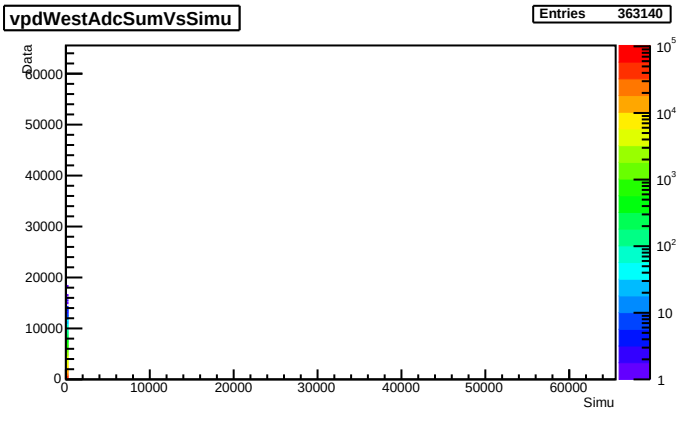

vpdEastAdcSum
Entries 463715

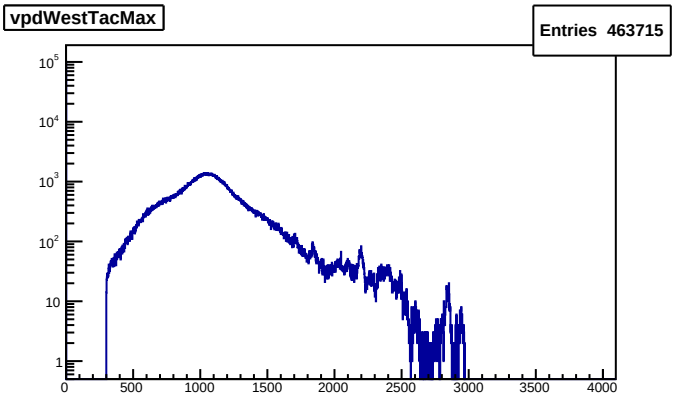

vpdEastAdcSumVsSimu
Entries 257388
Data
Simu

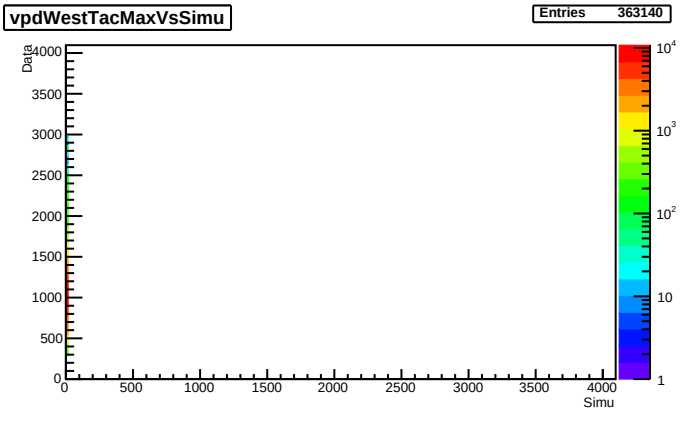

vpdEastTacMax
Entries 463715

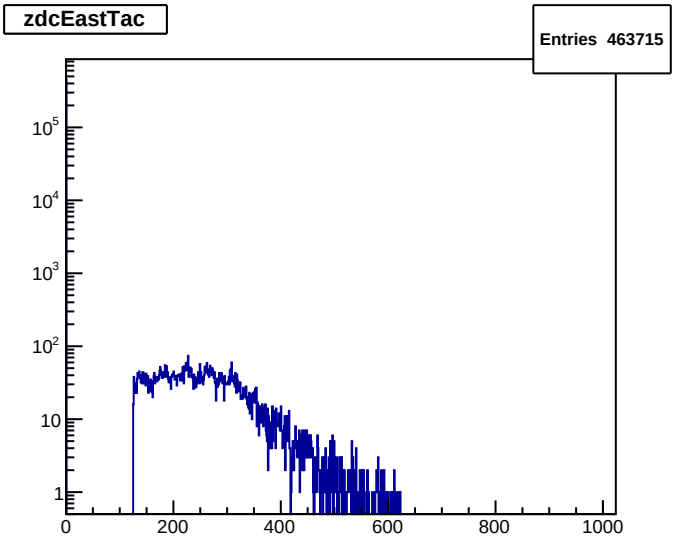

vpdEastTacMaxVsSimu
Entries 257388
Data
Simu

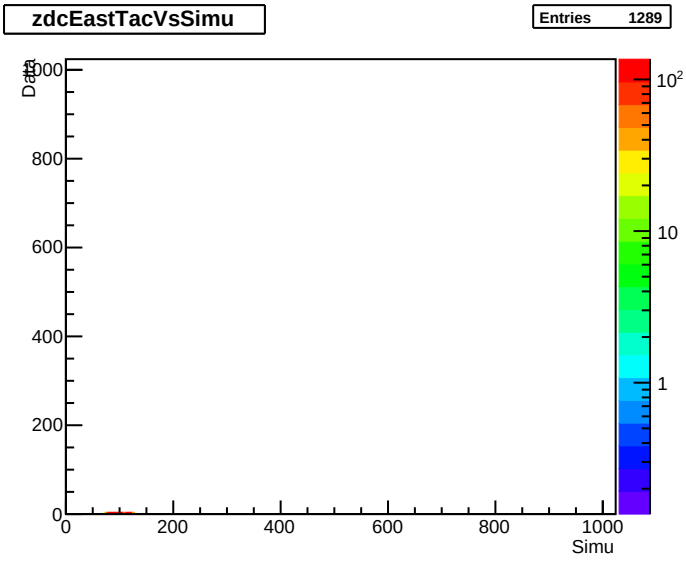

vpdWestAdcSum
Entries 463715

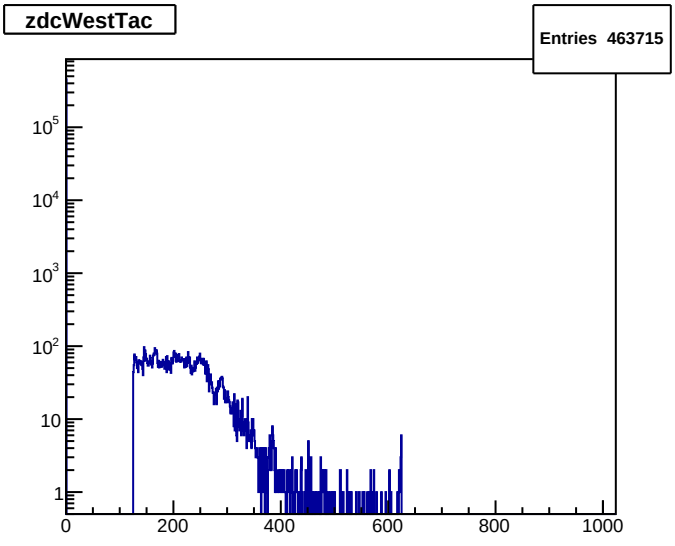

vpdWestAdcSumVsSimu
Entries 363140
Data
Simu

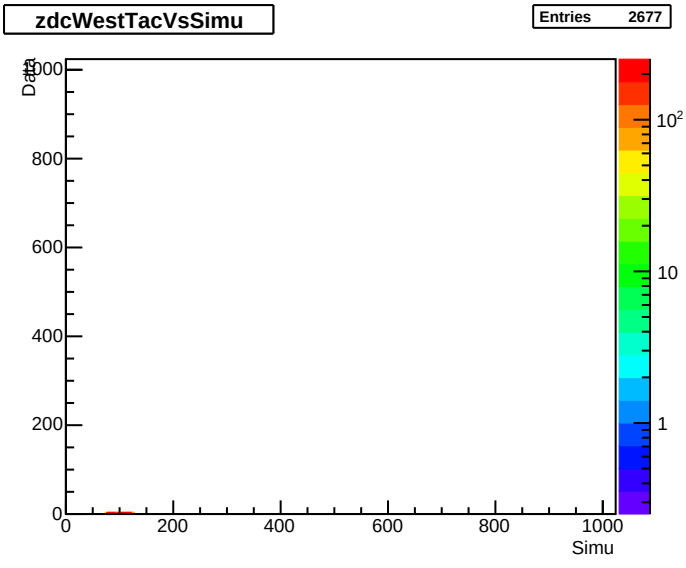

vpdWestTacMax
Entries 463715

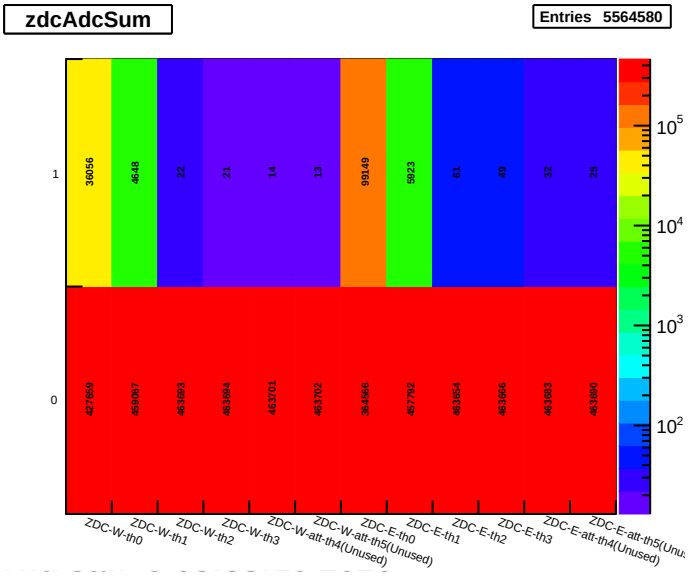

vpdWestTacMaxVsSimu
Entries 363140
Data
Simu

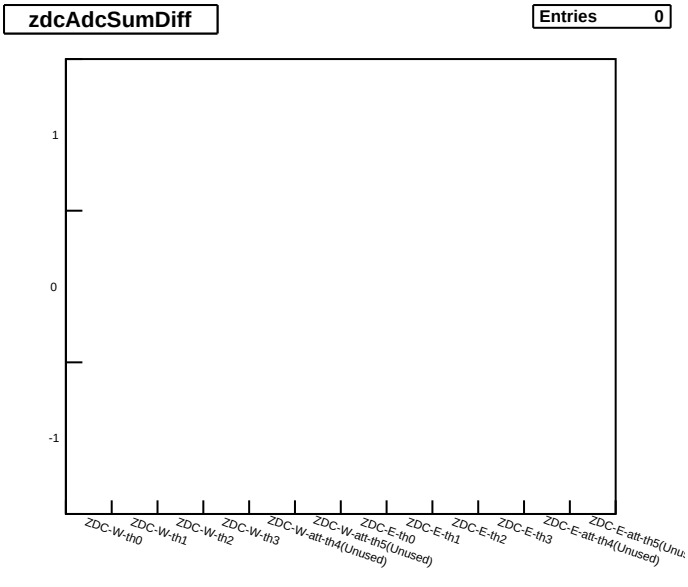

zdcEastTac
Entries 463715

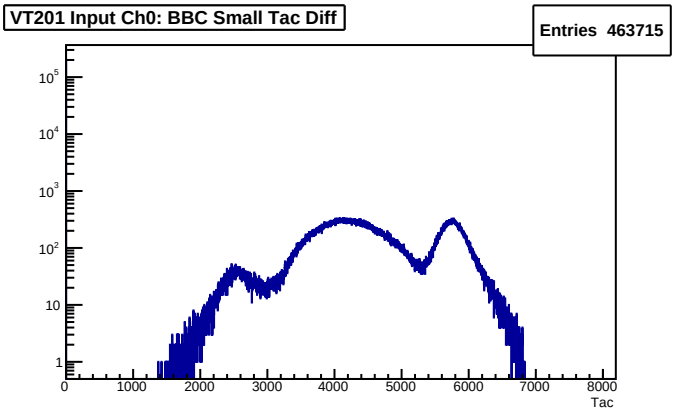

zdcEastTacVsSimu
Entries 1289
Data
Simu

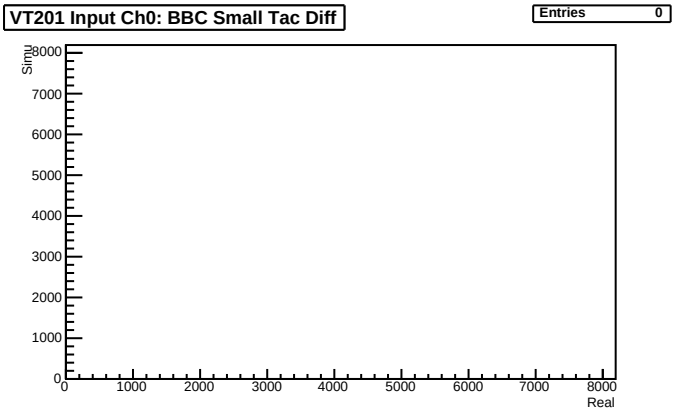

zdcWestTac
Entries 463715

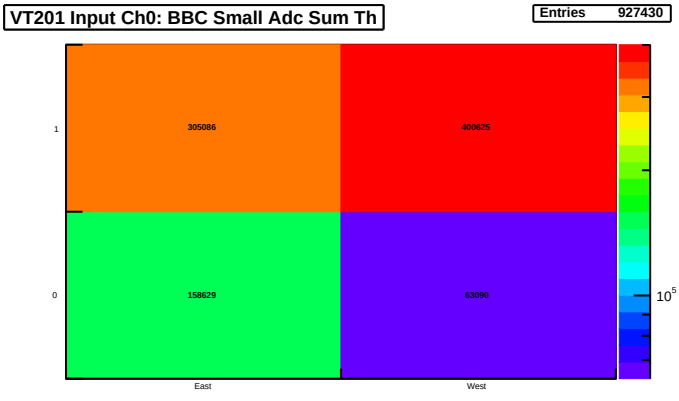

zdcWestTacVsSimu
Entries 2677
Data
Simu

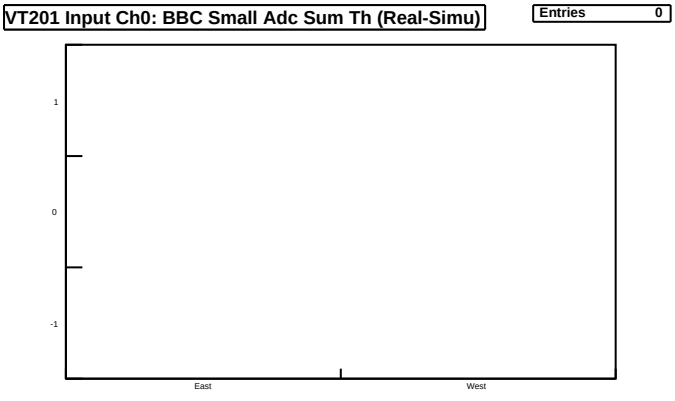

zdcAdcSum
Entries 5564580
36056
4648
22
21
14
13
99149
5923
61
49
32
25
427659
459067
463693
463694
463701
463702
364566
457792
463654
463666
463683
463680
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

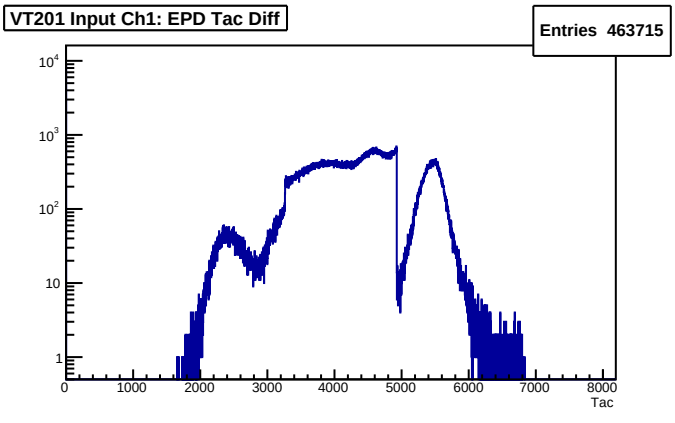

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

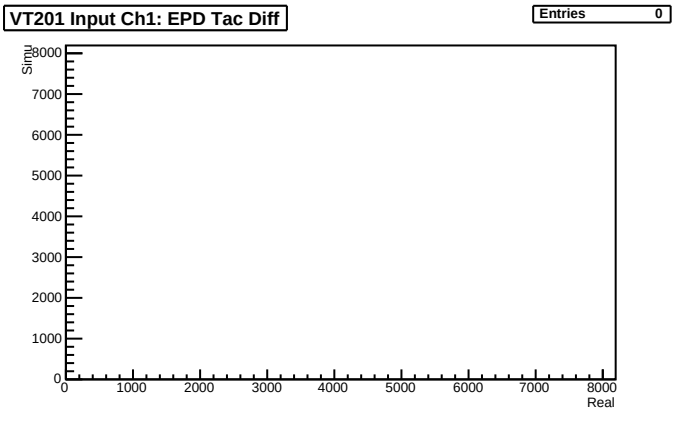

VT201 Input Ch0: BBC Small Tac Diff
Entries 463715
Tac

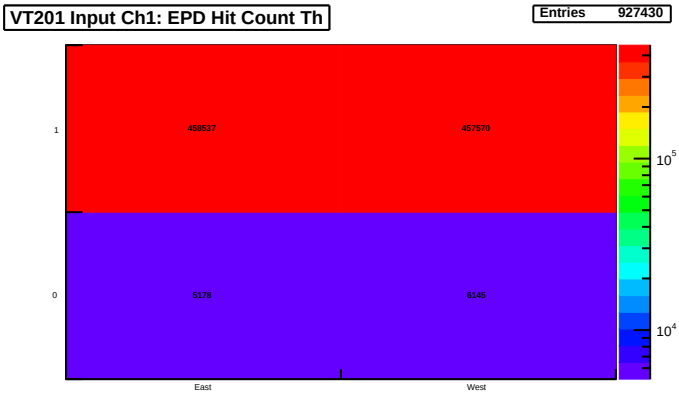

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

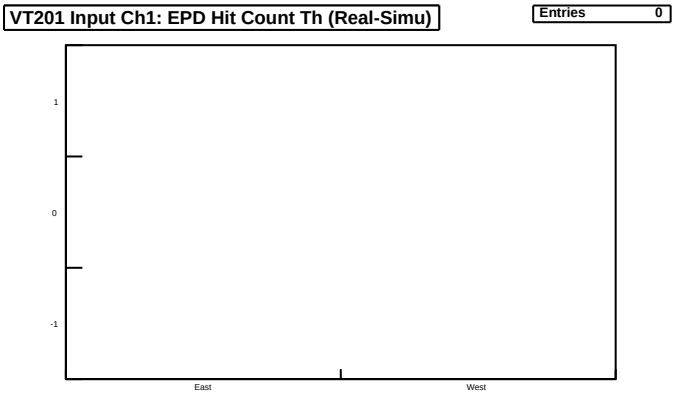

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 927430
305086
400625
158629
63090
East
West

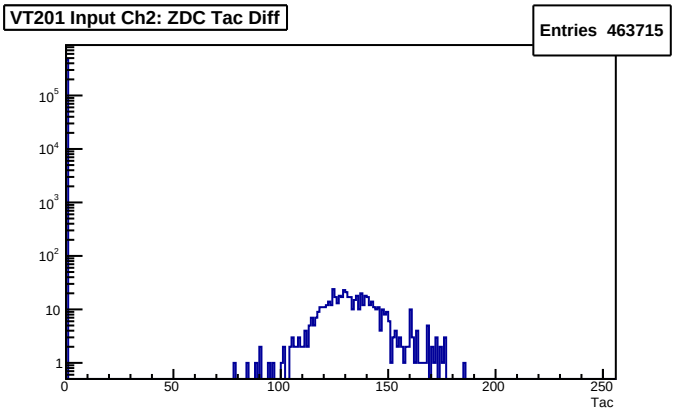

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

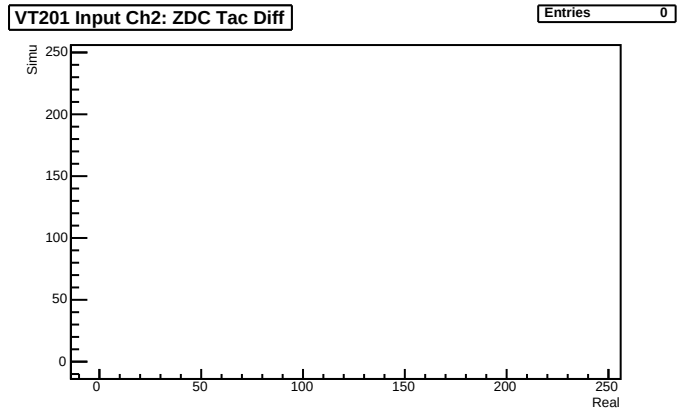

VT201 Input Ch1: EPD Tac Diff
Entries 463715
Tac

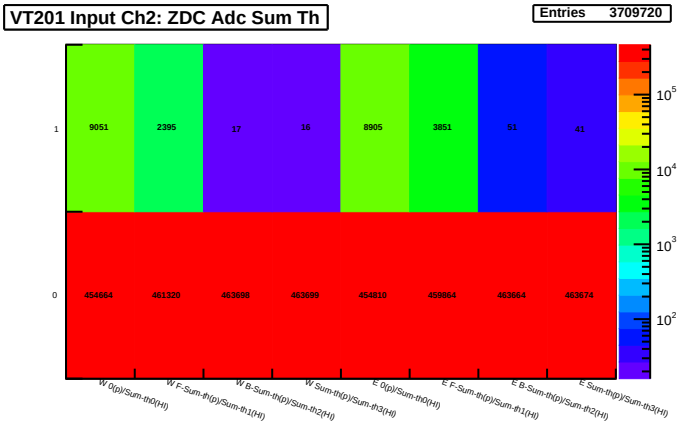

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

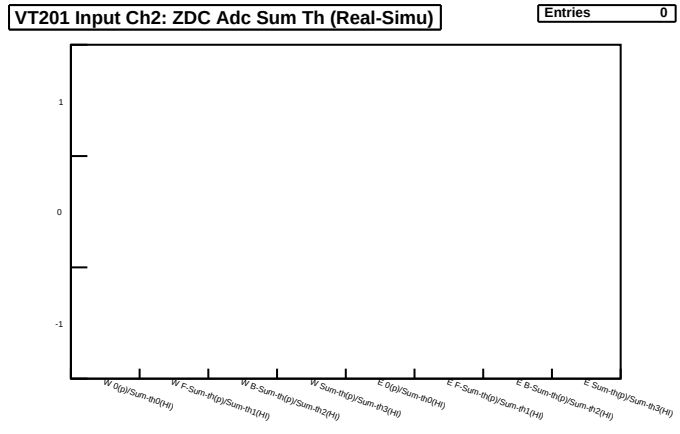

VT201 Input Ch1: EPD Hit Count Th
Entries 927430
458537
457570
5178
6145
East
West

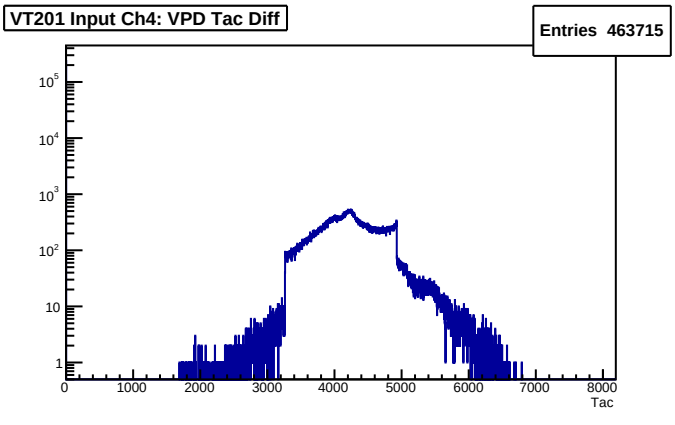

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

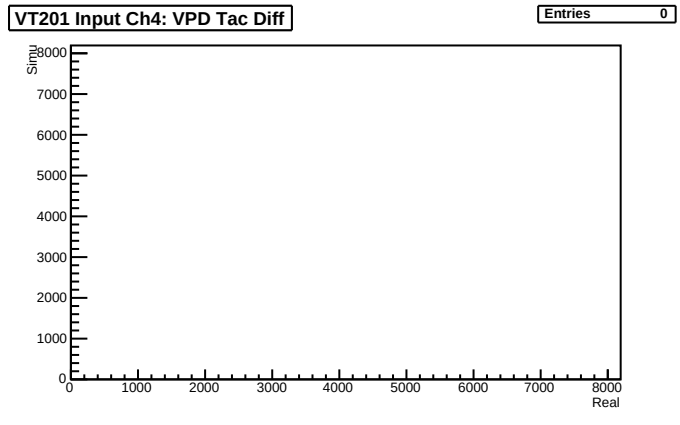

VT201 Input Ch2: ZDC Tac Diff
Entries 463715
Tac

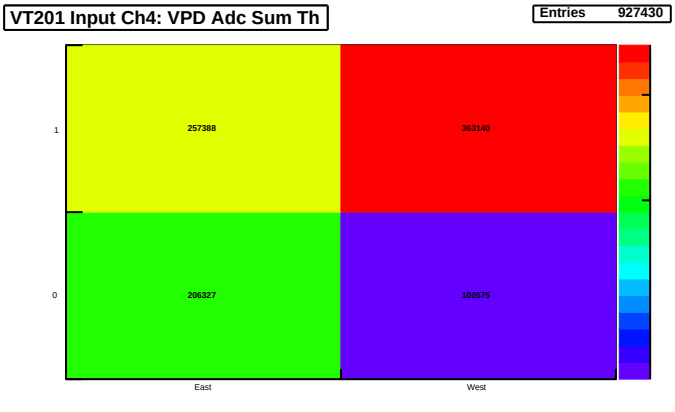

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

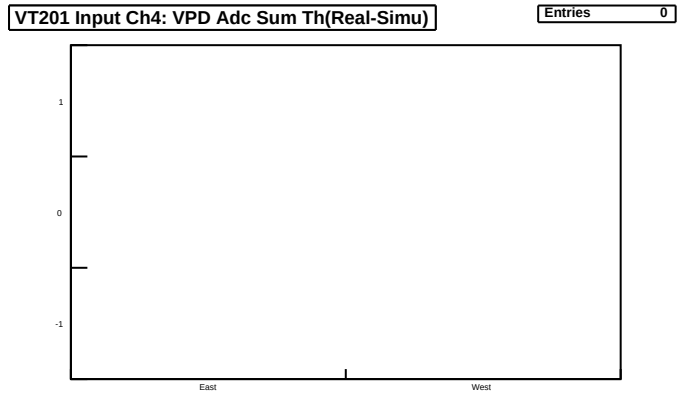

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3709720
9051
2395
17
16
8905
3851
51
41
454664
461320
463698
463699
454810
459864
463664
463674
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

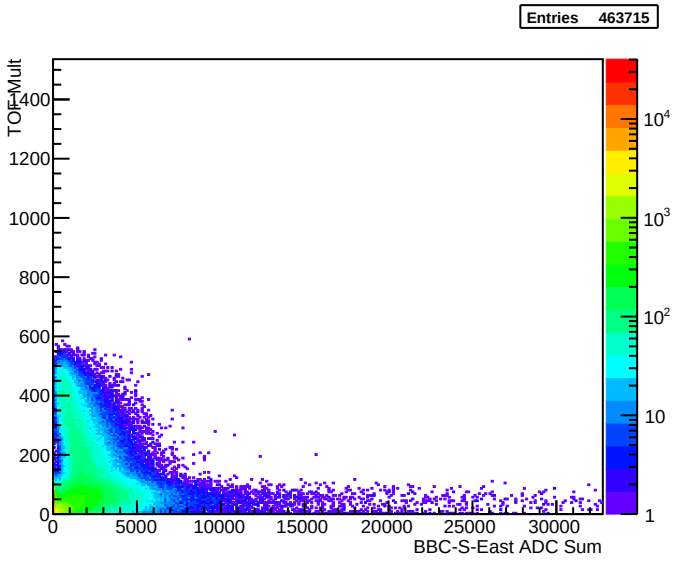

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

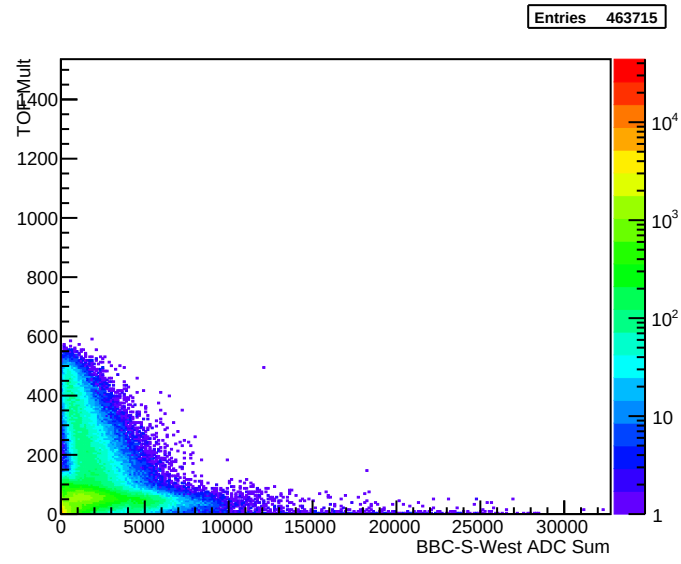

VT201 Input Ch4: VPD Tac Diff
Entries 463715
Tac

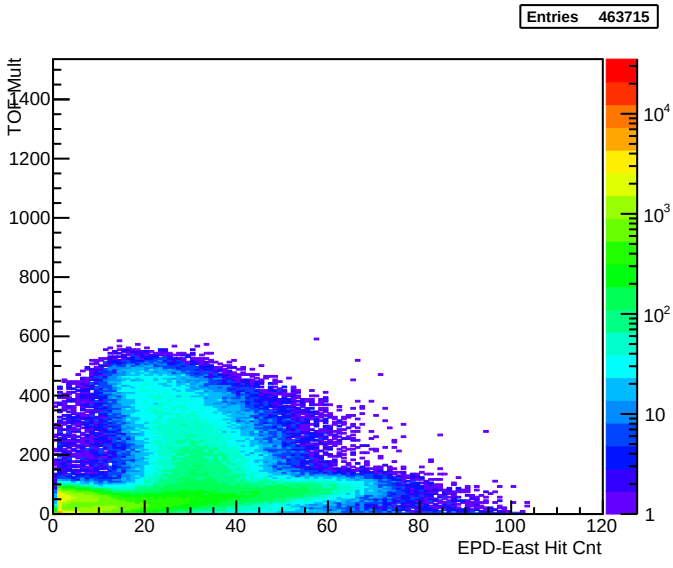

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

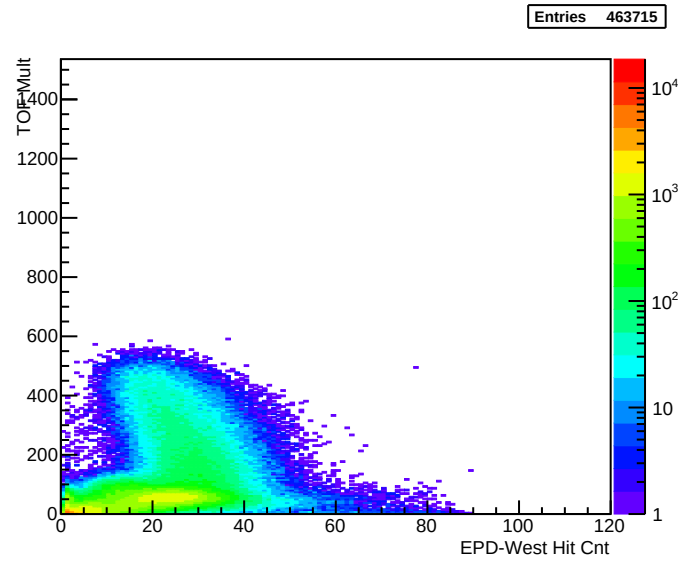

VT201 Input Ch4: VPD Adc Sum Th
Entries 927430
257388
363140
206327
100575
East
West

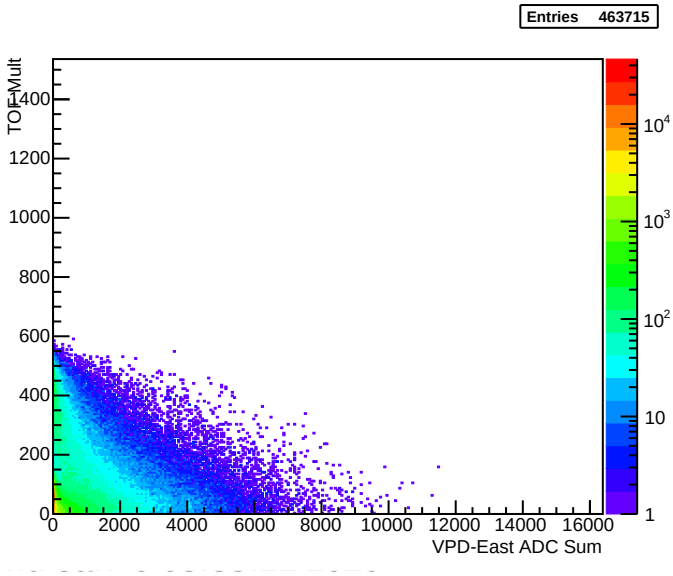

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

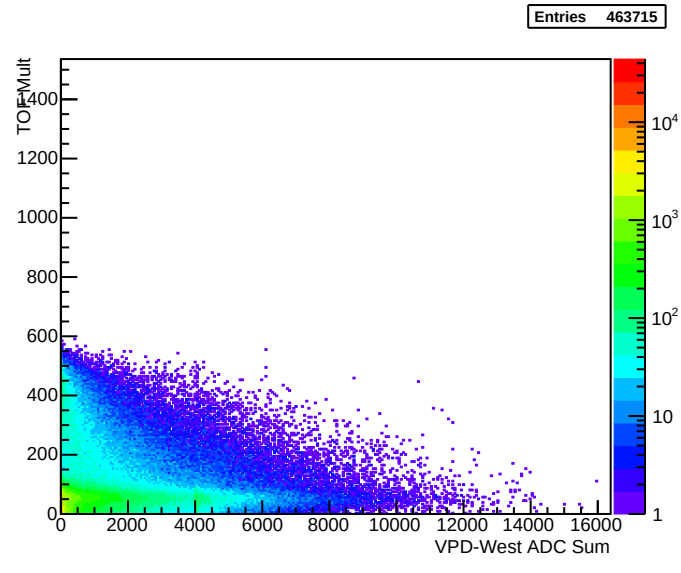

Entries 463715
TOF-Mult
BBC-S-East ADC Sum

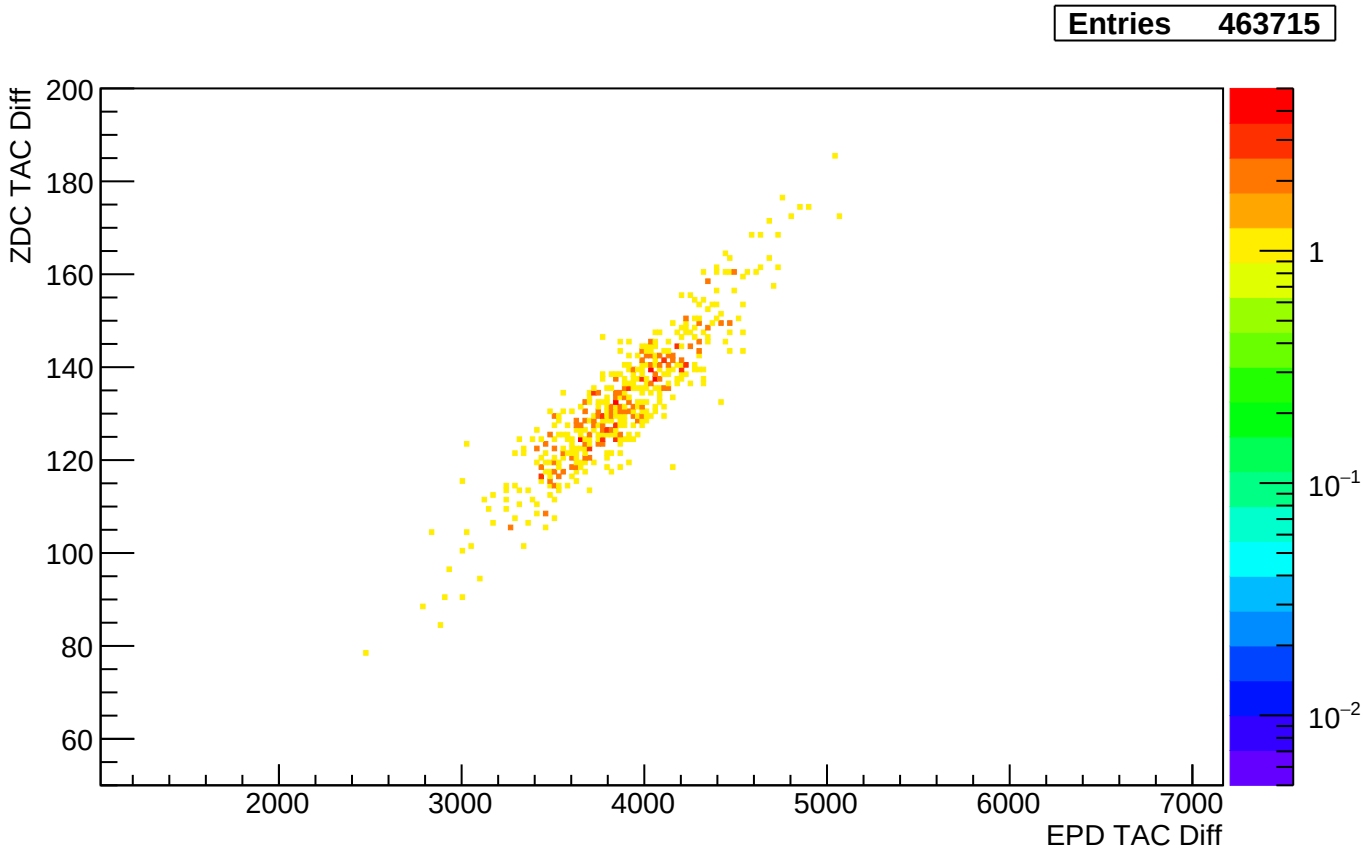

Entries 463715
TOF-Mult
BBC-S-West ADC Sum

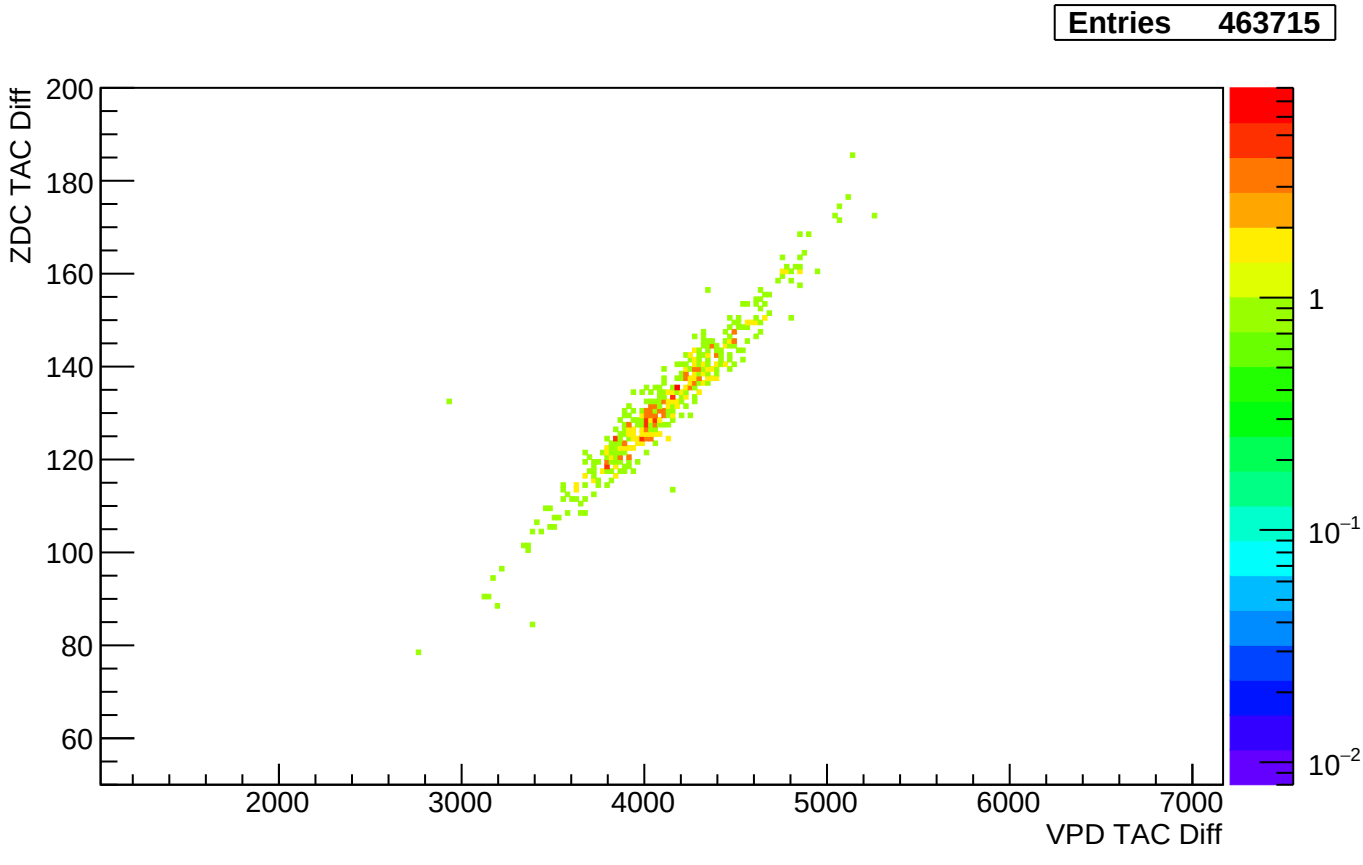

Entries 463715
TOF-Mult
EPD-East Hit Cnt

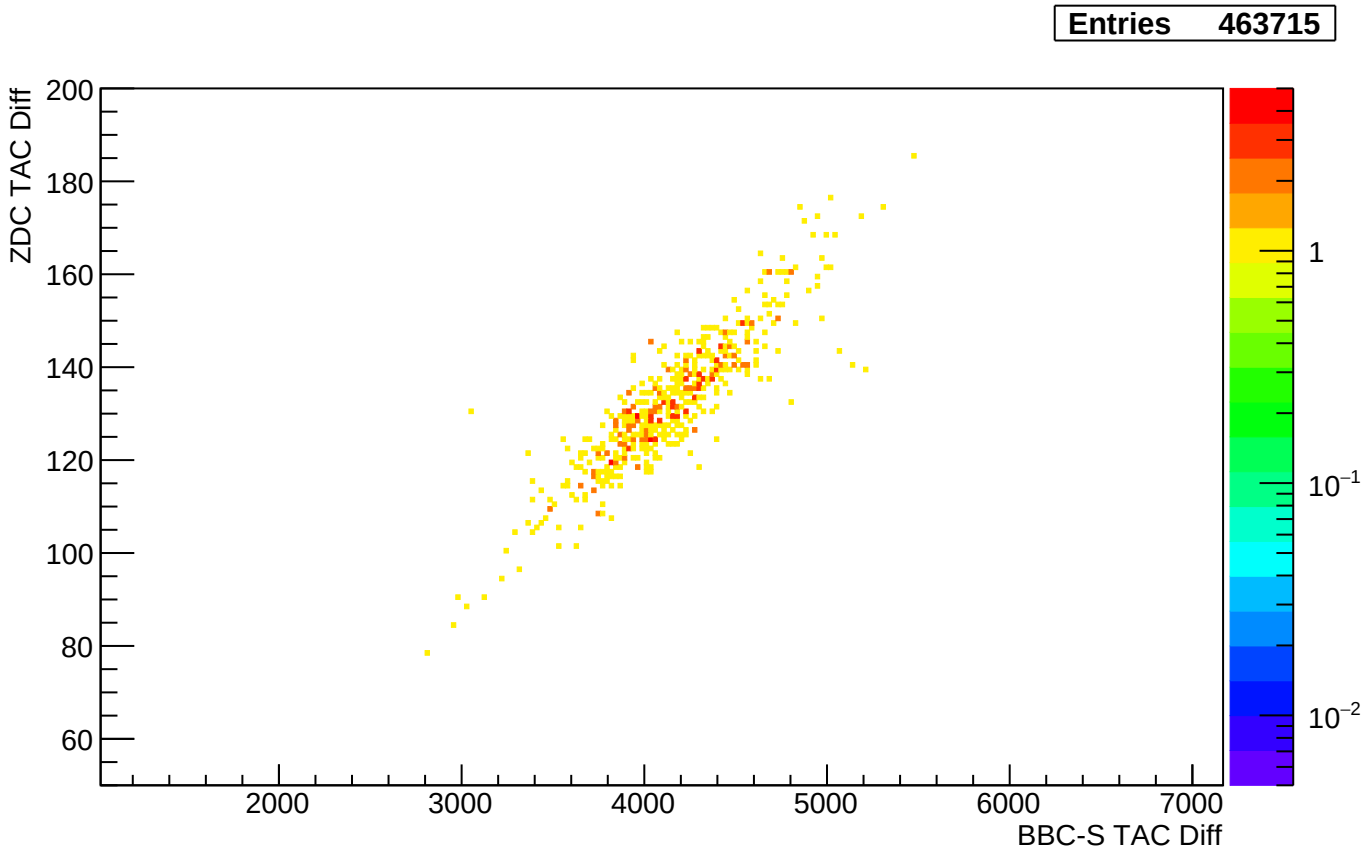

Entries 463715
TOF-Mult
EPD-West Hit Cnt

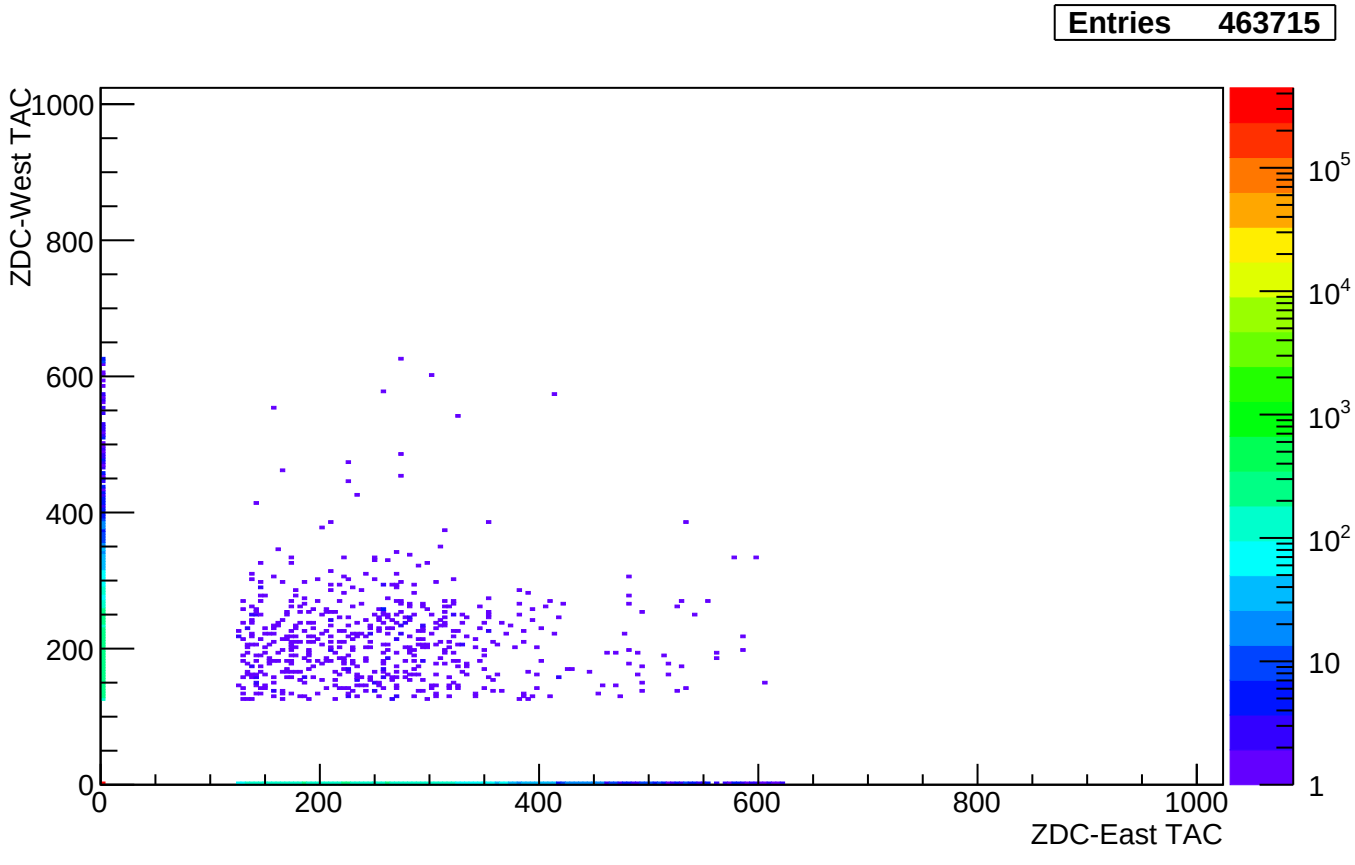

Entries 463715
TOF-Mult
VPD-East ADC Sum

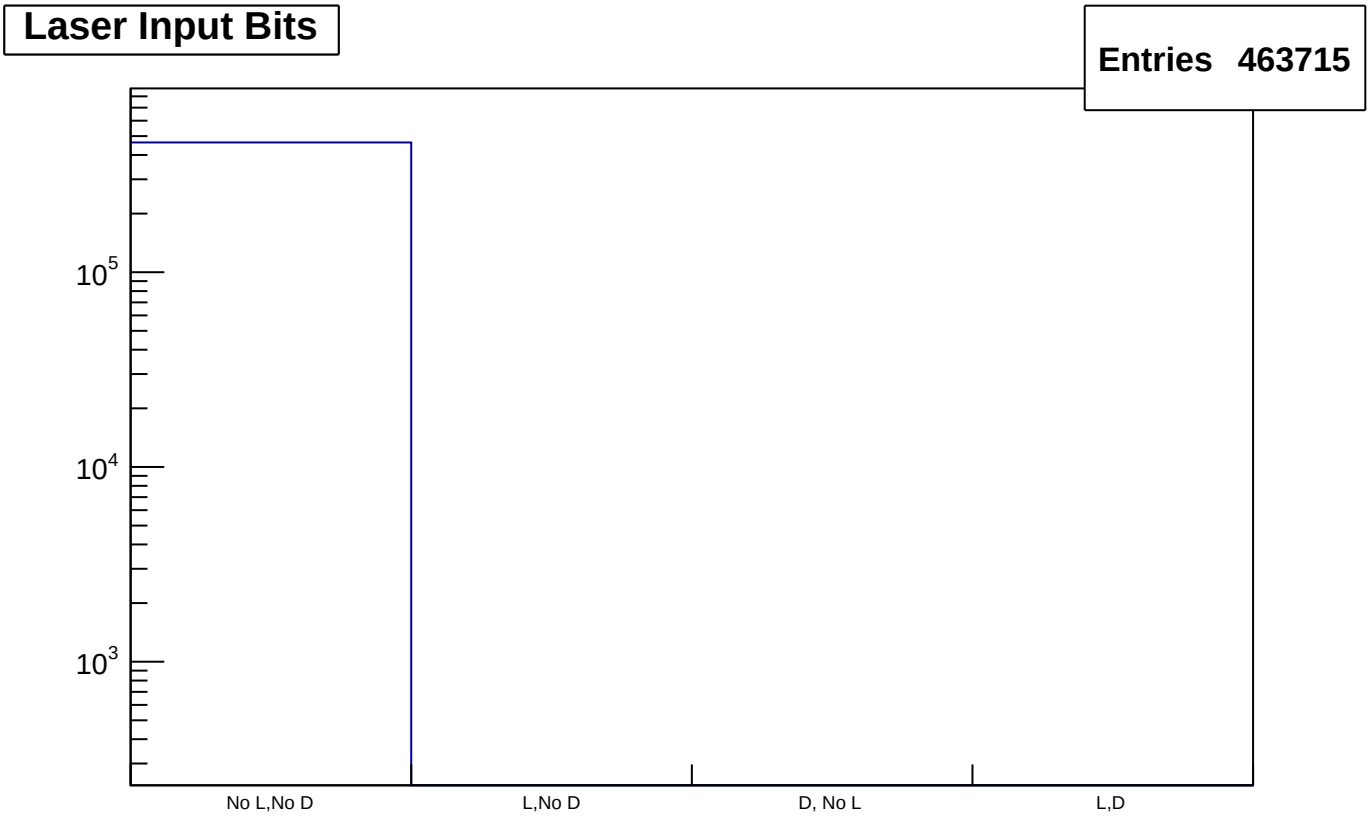

Entries 463715
TOF-Mult
VPD-West ADC Sum

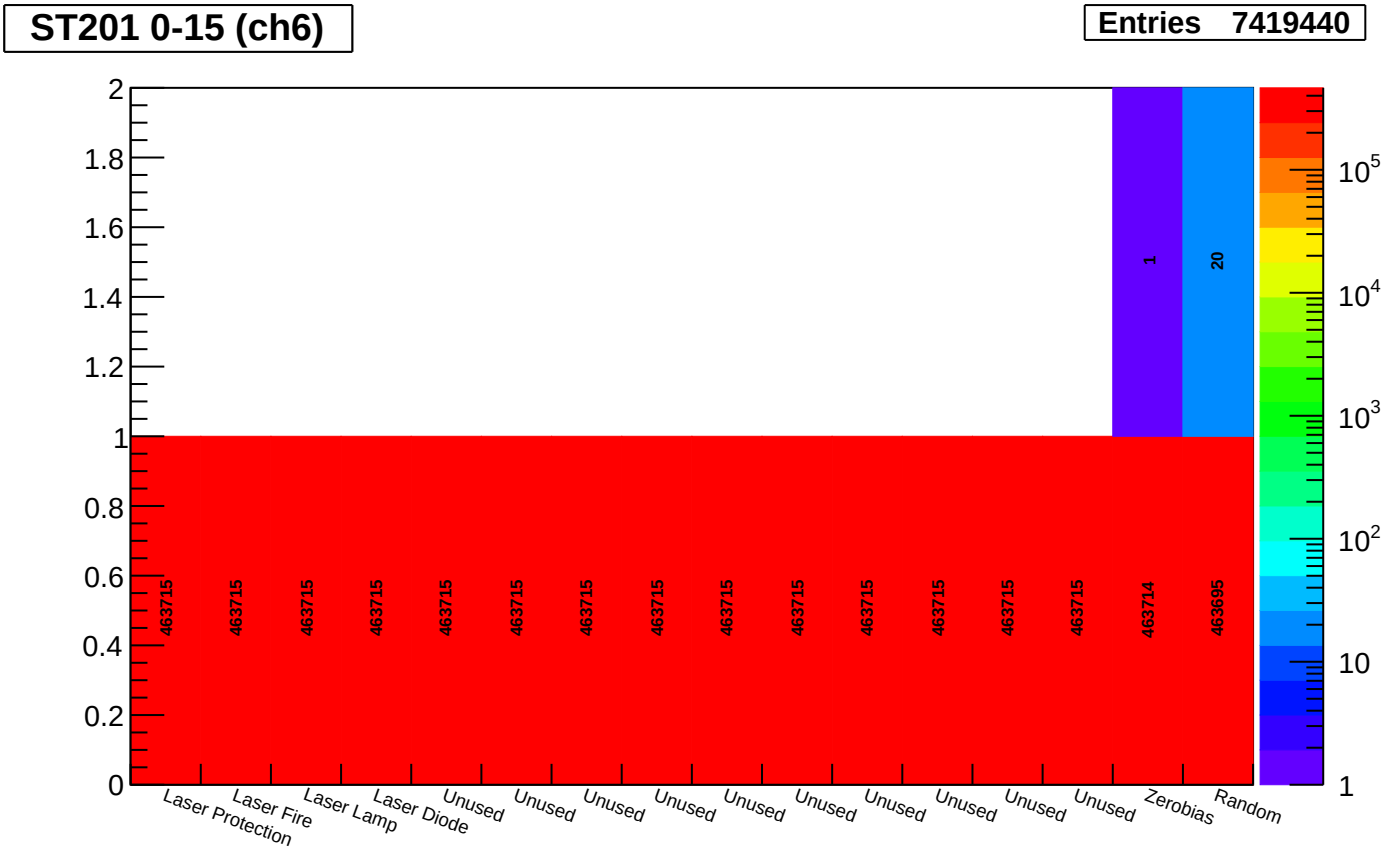

Entries 463715
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

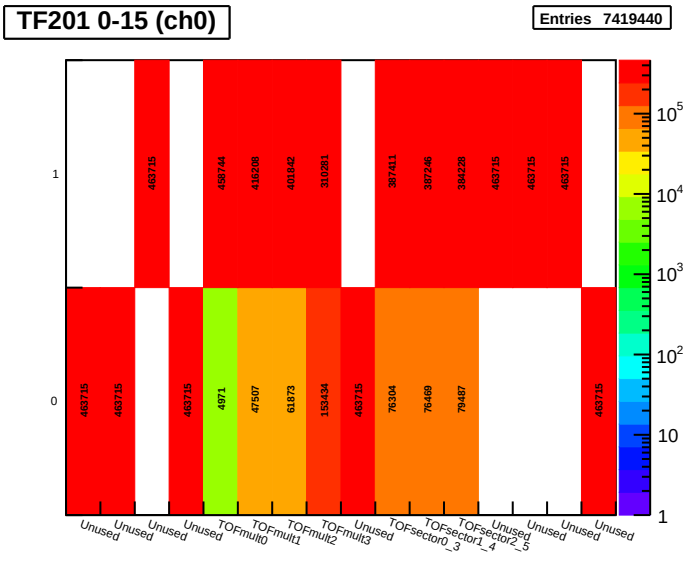

Entries 463715
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

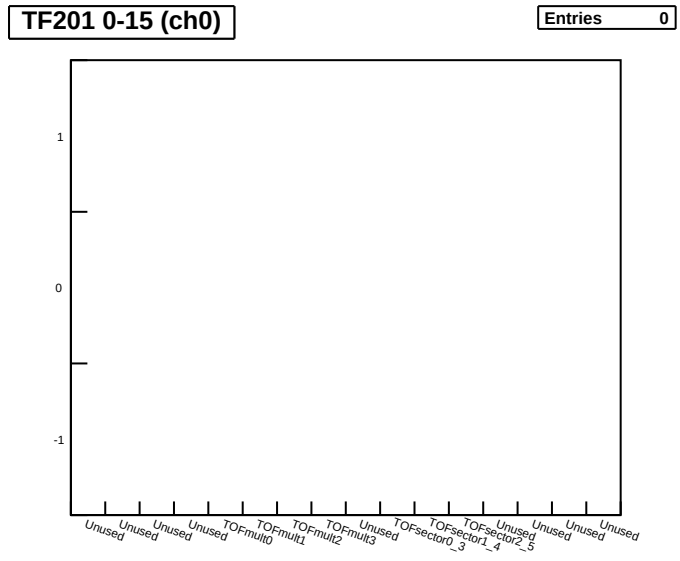

Entries 463715
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

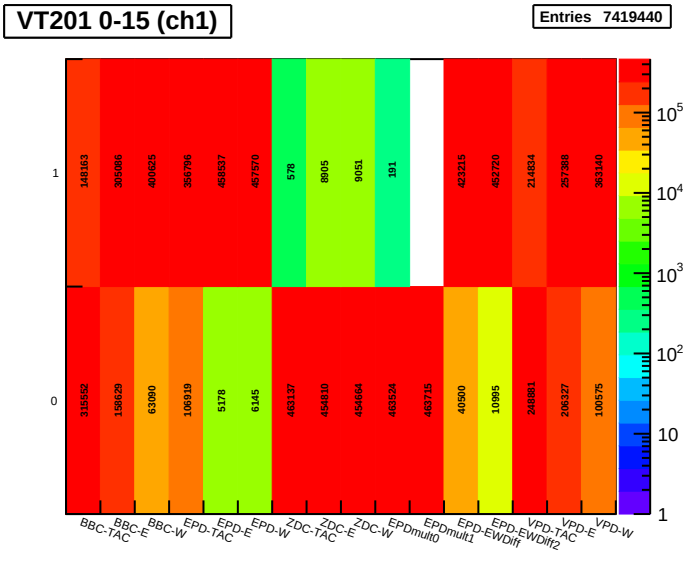

Entries 463715
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

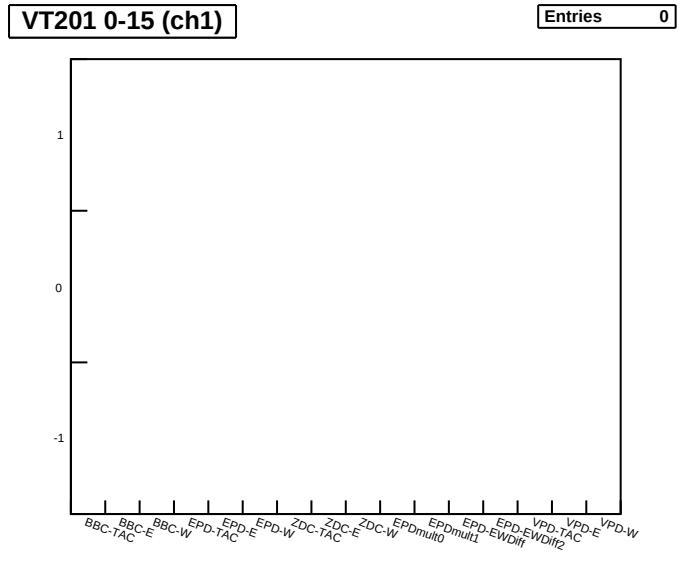

Laser Input Bits
Entries 463715
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

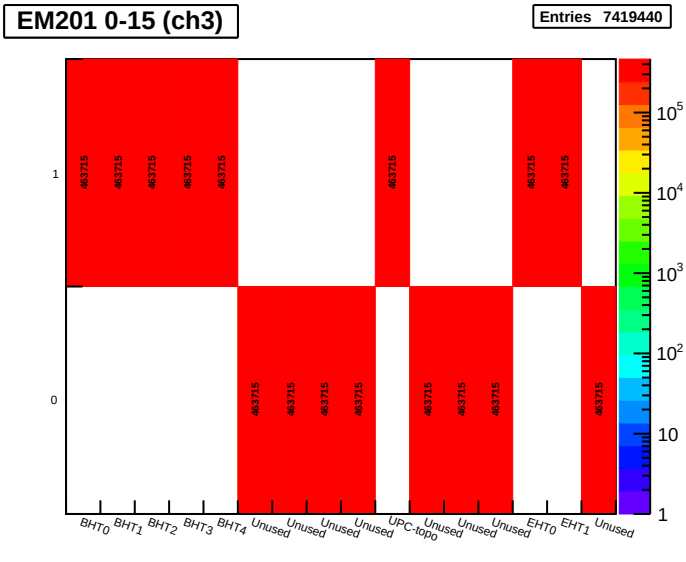

ST201 0-15 (ch6)
Entries 7419440
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463714
463695
1
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

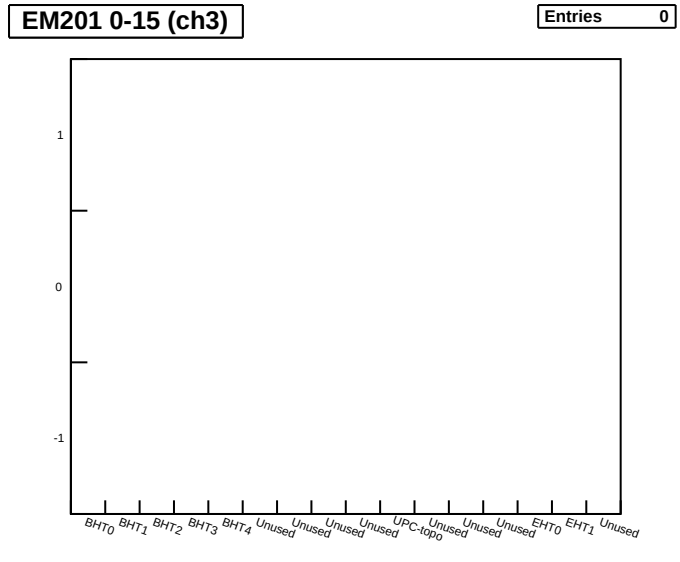

TF201 0-15 (ch0)
Entries 7419440
1
0
463715
458744
416208
401842
310281
397411
397246
394228
463715
463715
463715
463715
463715
4971
47507
61873
153434
463715
76304
76469
79487
463715
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7419440
1
0
148163
305086
400625
356796
458537
457570
578
8905
9051
191
423215
452720
214834
257388
363140
315552
158629
63090
106919
5178
6145
463137
454810
454664
463524
463715
40500
10995
248881
206327
100575
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 7419440
1
0
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
463715
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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