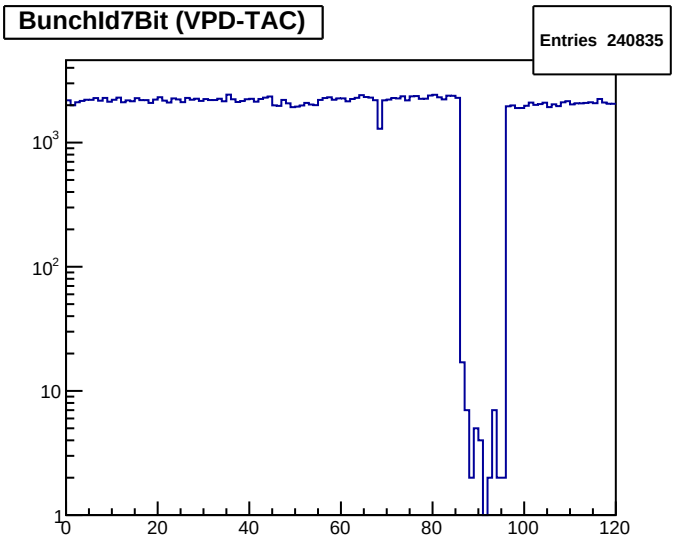
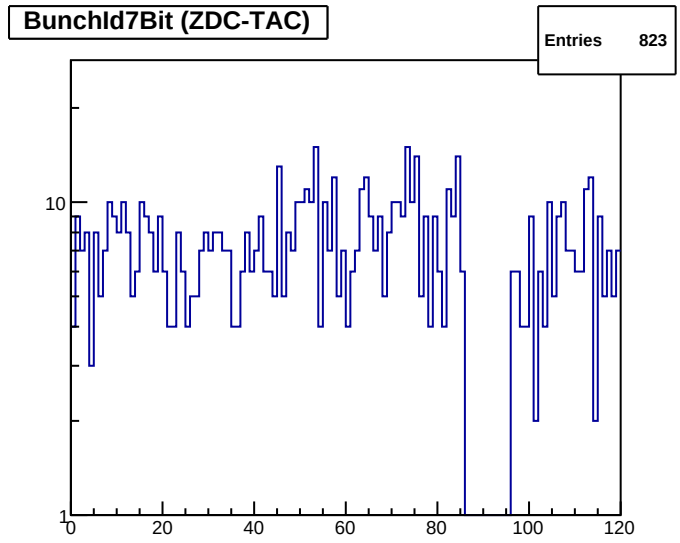
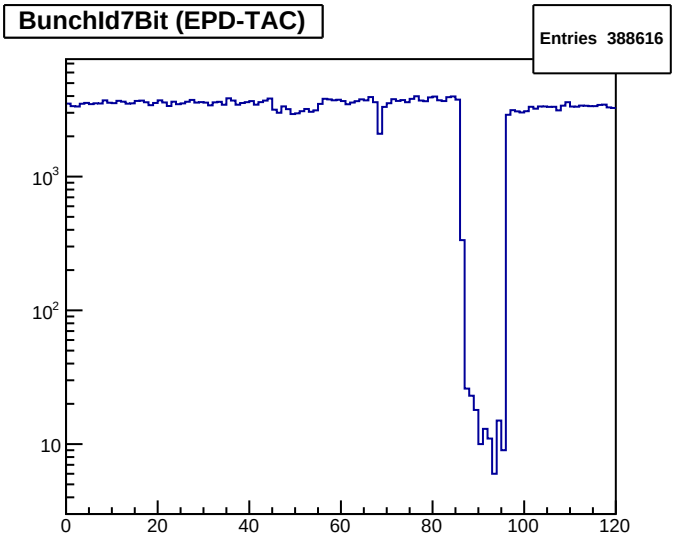
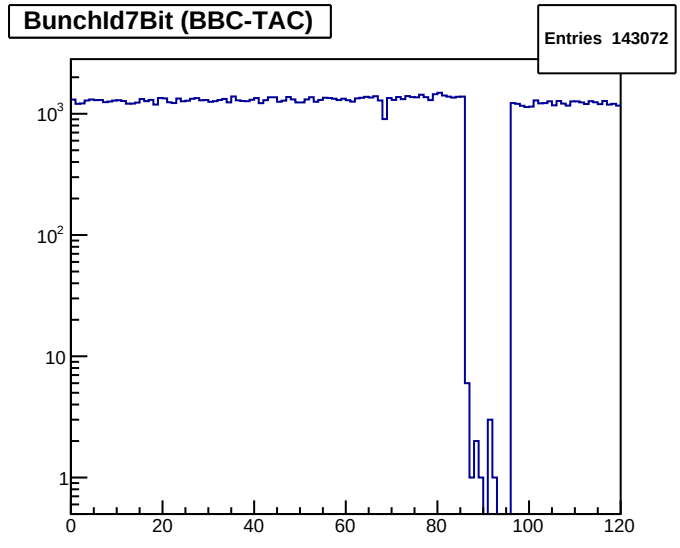
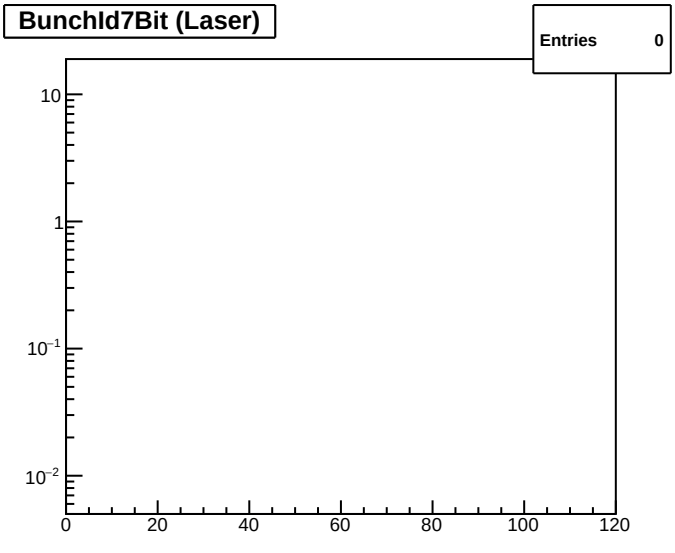
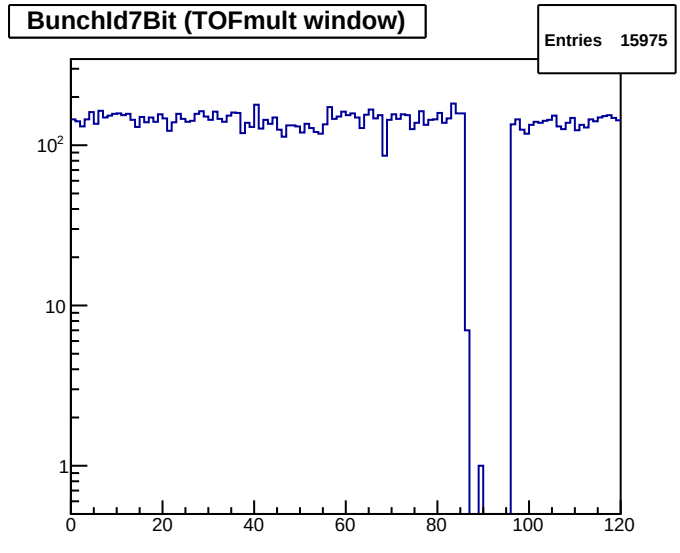

BunchId7Bit (VPD-TAC)
Entries 240835

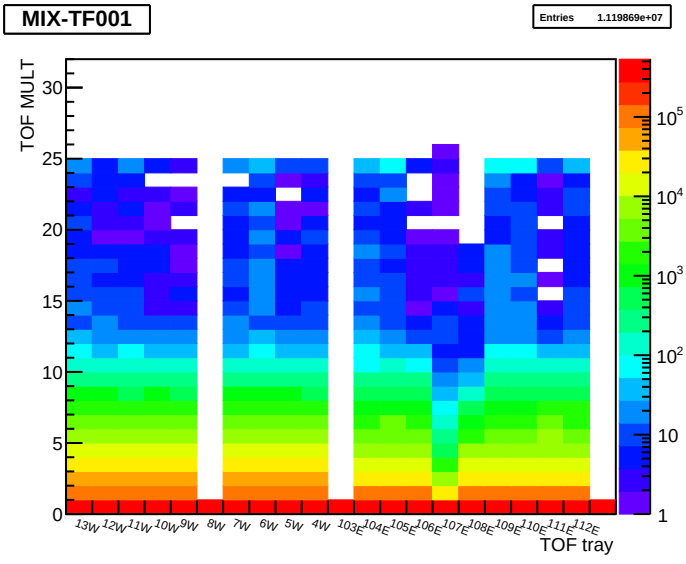

BunchId7Bit (ZDC-TAC)
Entries 823

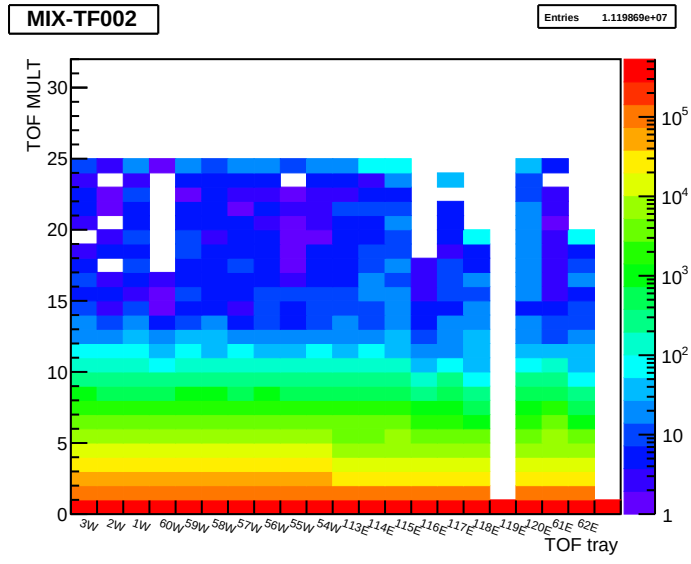

BunchId7Bit (EPD-TAC)
Entries 388616

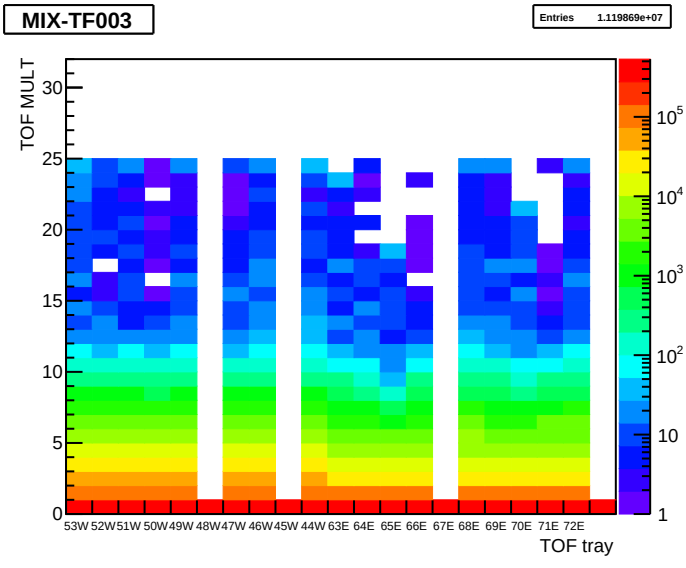

BunchId7Bit (BBC-TAC)
Entries 143072

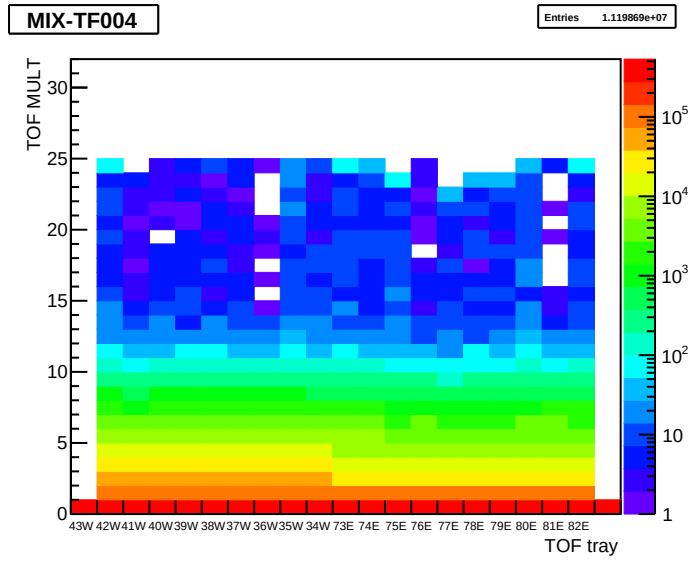

BunchId7Bit (Laser)
Entries 0

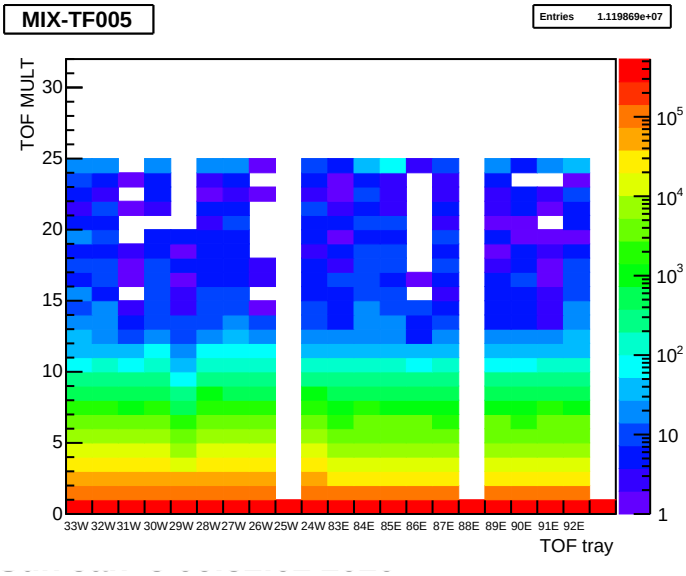

BunchId7Bit (TOFmult window)
Entries 15975

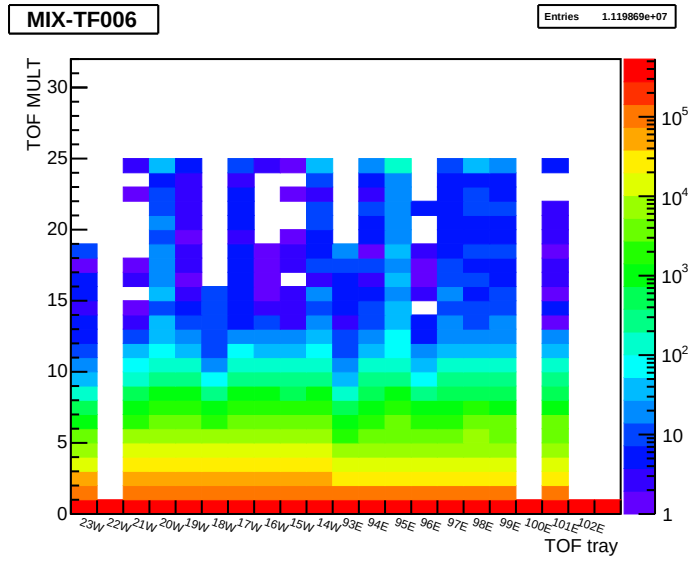

MIX-TF001
Entries 1.119869e+07
TOF MULT
TOF tray

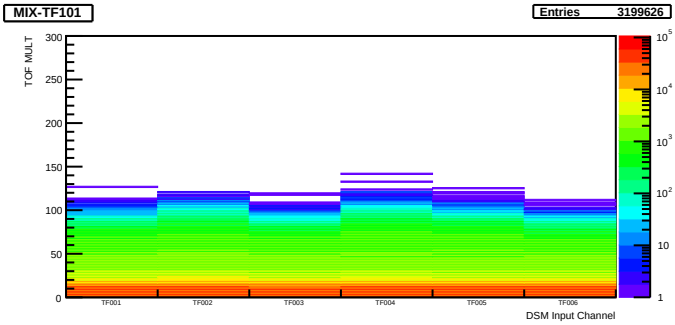

MIX-TF002
Entries 1.119869e+07
TOF MULT
TOF tray

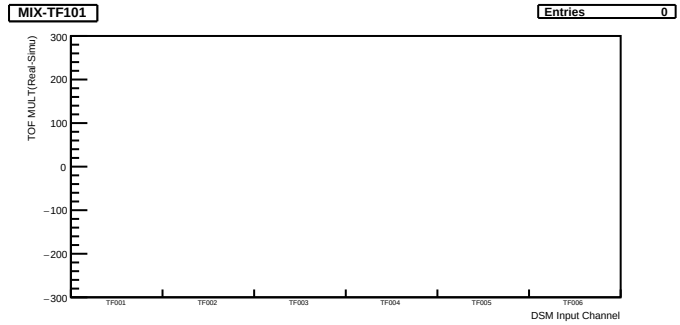

MIX-TF003
Entries 1.119869e+07
TOF MULT
TOF tray

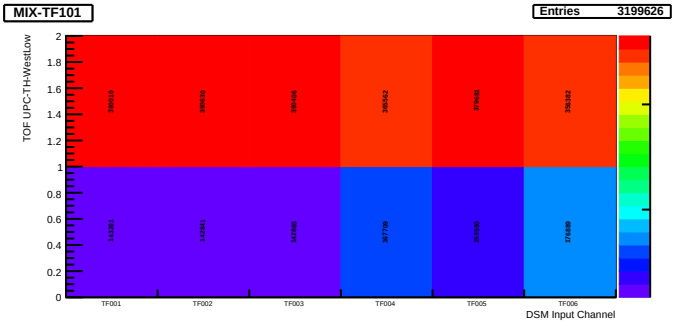

MIX-TF004
Entries 1.119869e+07
TOF MULT
TOF tray

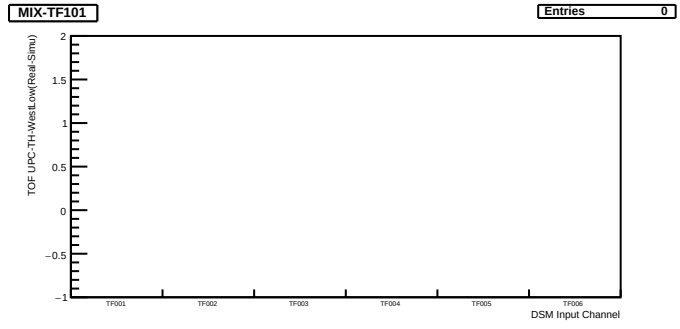

MIX-TF005
Entries 1.119869e+07
TOF MULT
TOF tray

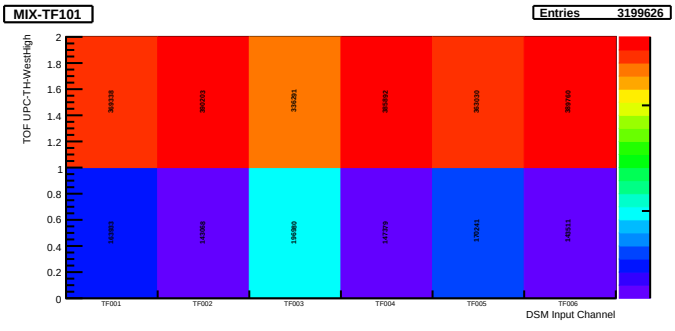

MIX-TF006
Entries 1.119869e+07
TOF MULT
TOF tray

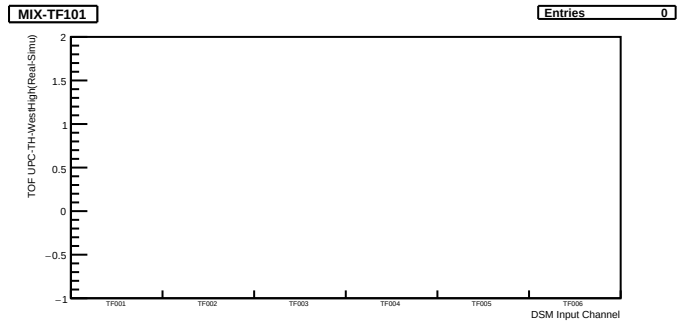

MIX-TF101
Entries 3199626
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

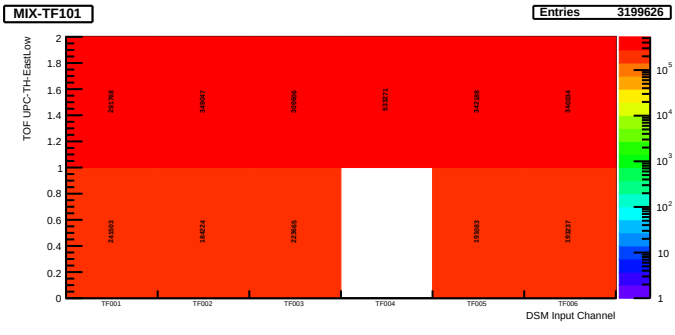

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

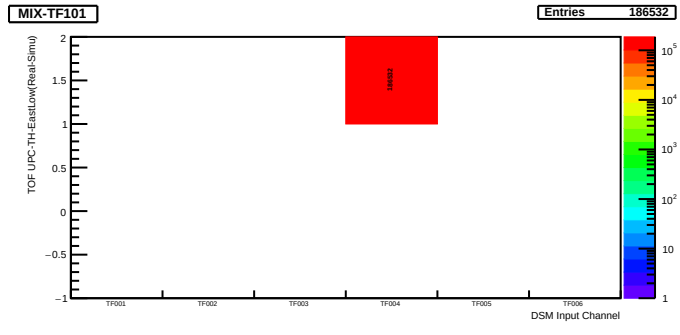

MIX-TF101
Entries 3199626
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

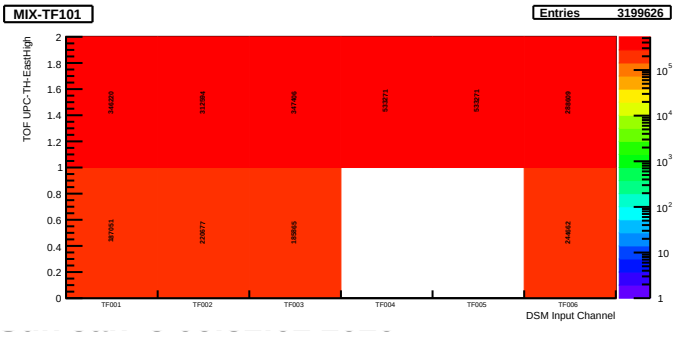

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

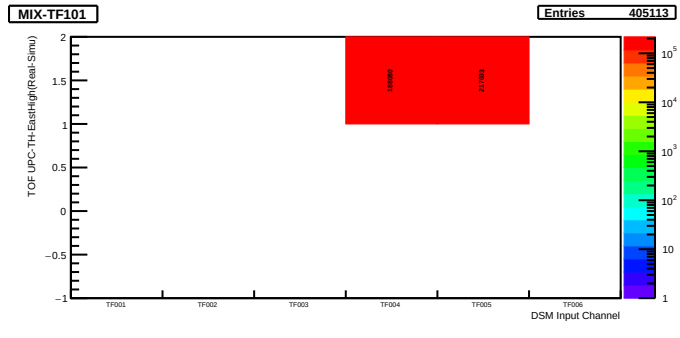

MIX-TF101
Entries 3199626
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

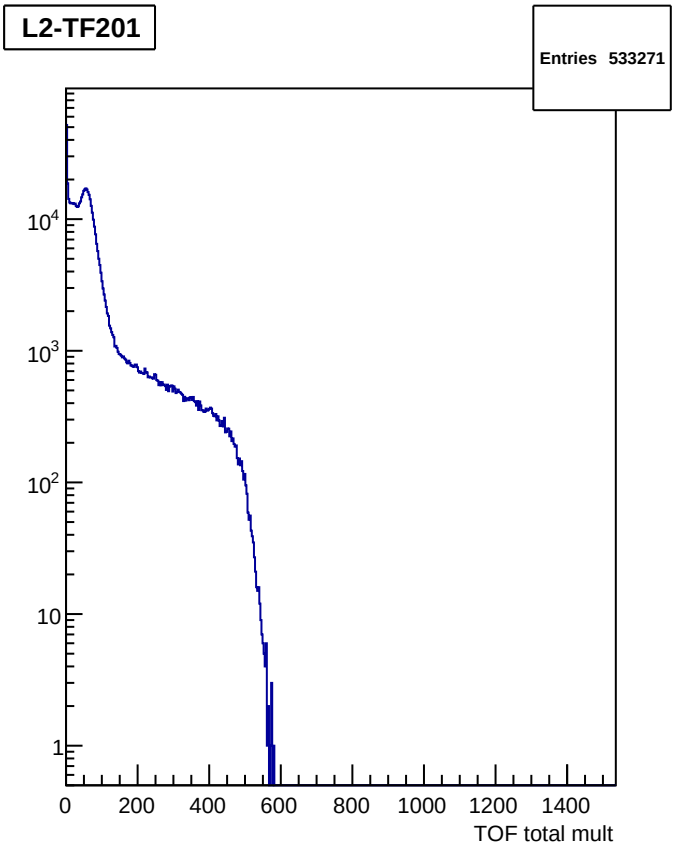

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

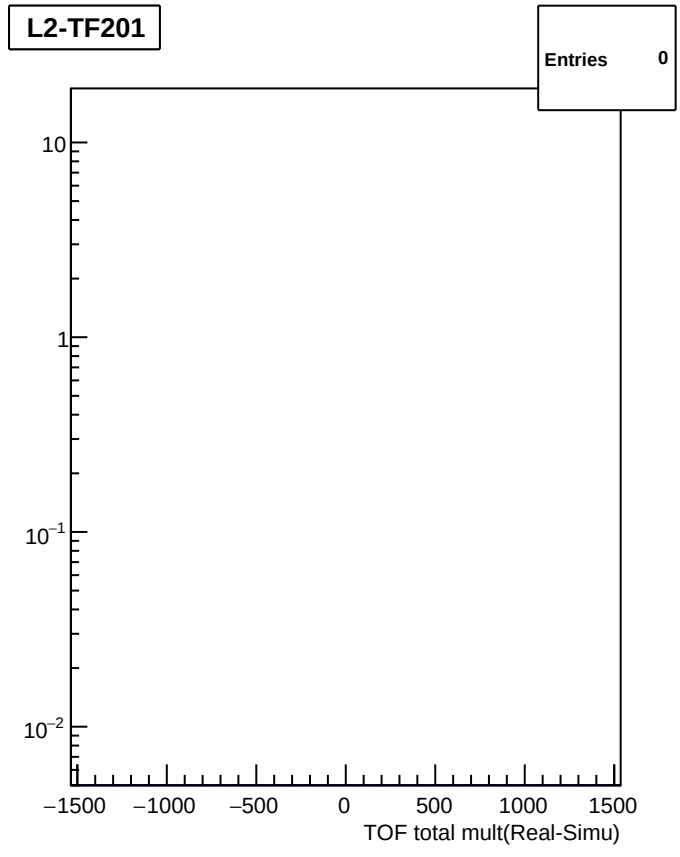

MIX-TF101
Entries 3199626
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

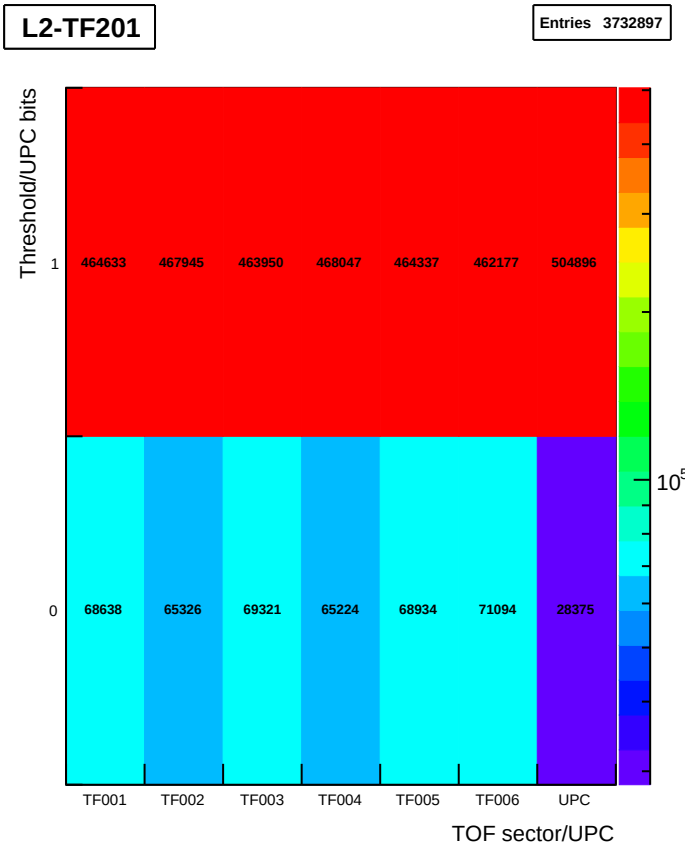

MIX-TF101
Entries 186532
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

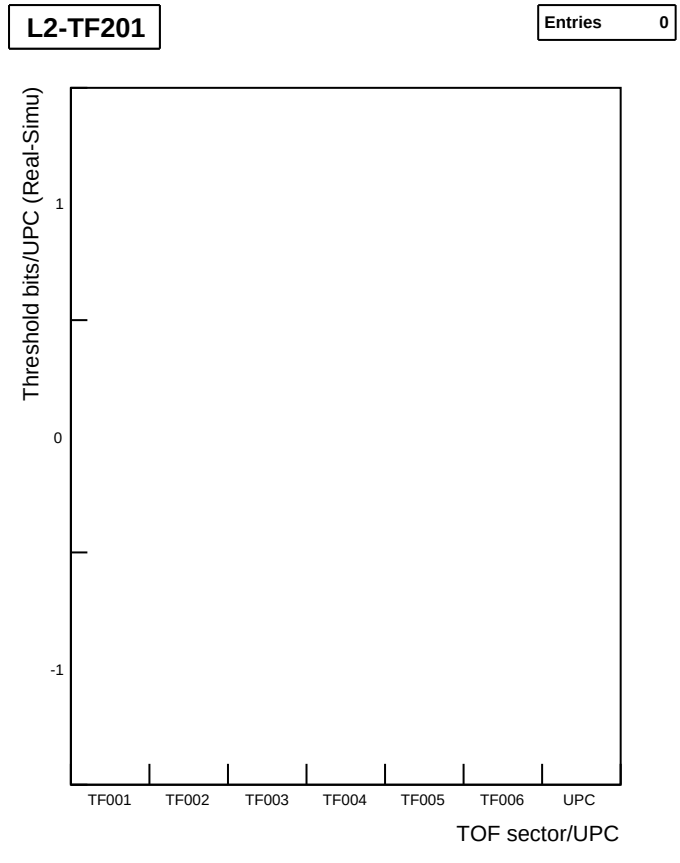

MIX-TF101
Entries 3199626
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

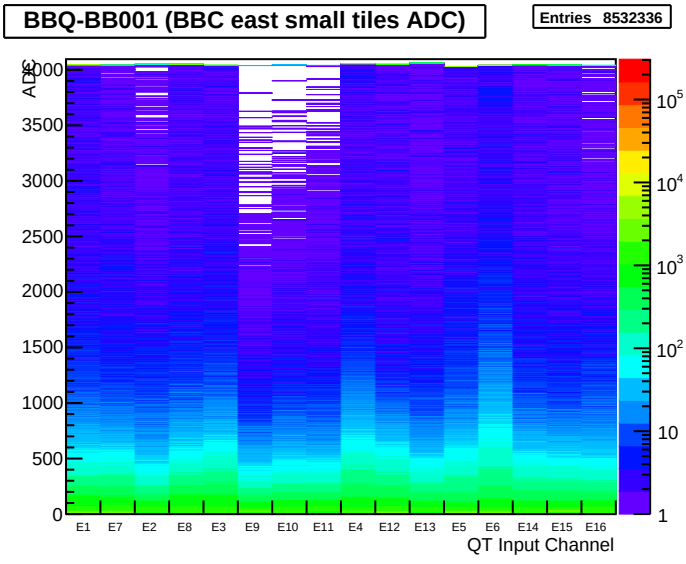

MIX-TF101
Entries 405113
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

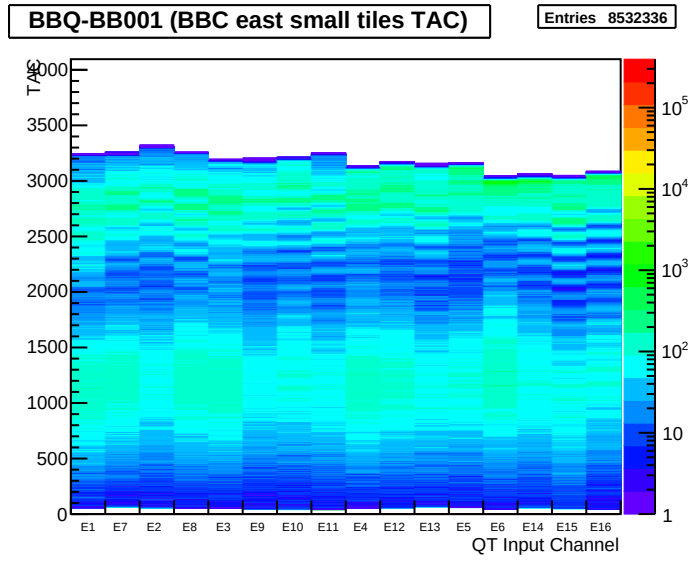

L2-TF201
Entries 533271
TOF total mult

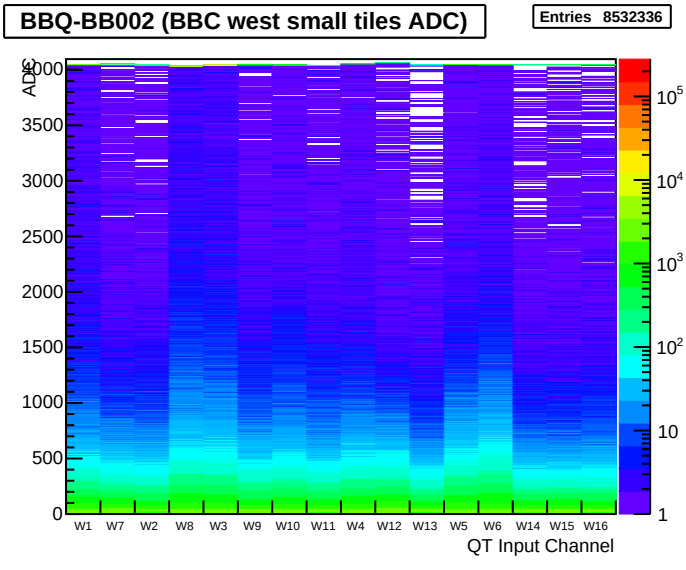

L2-TF201
Entries 0
TOF total mult(Real-Simu)

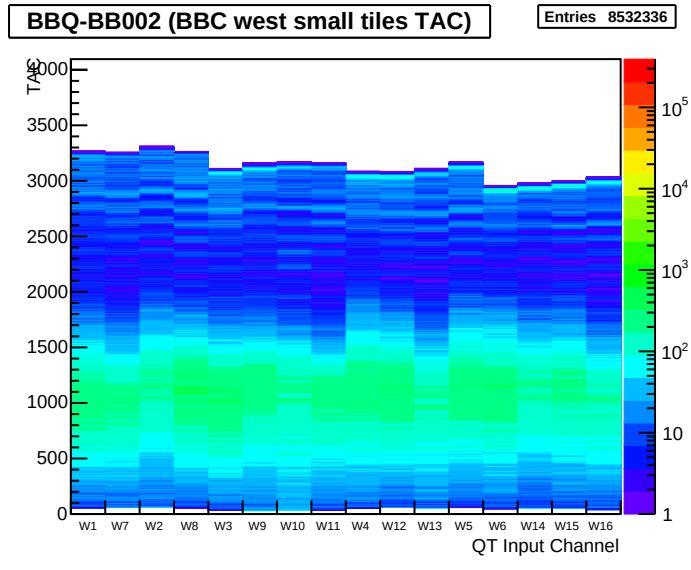

L2-TF201
Entries 3732897
Threshold/UPC bits
464633
467945
463950
468047
464337
462177
504896
68638
65326
69321
65224
68934
71094
28375
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

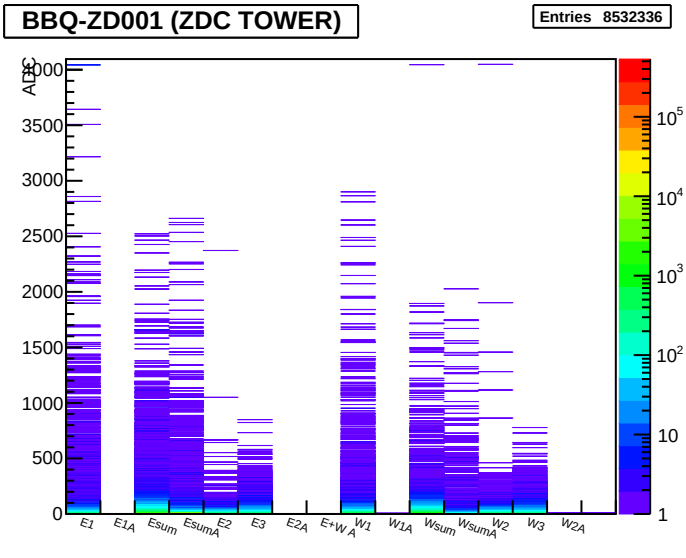

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

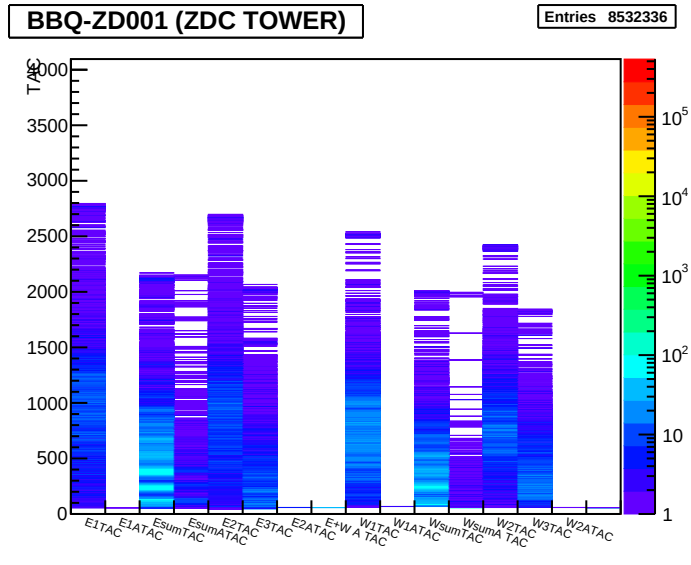

BBQ-BB001 (BBC east small tiles ADC)
Entries 8532336
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

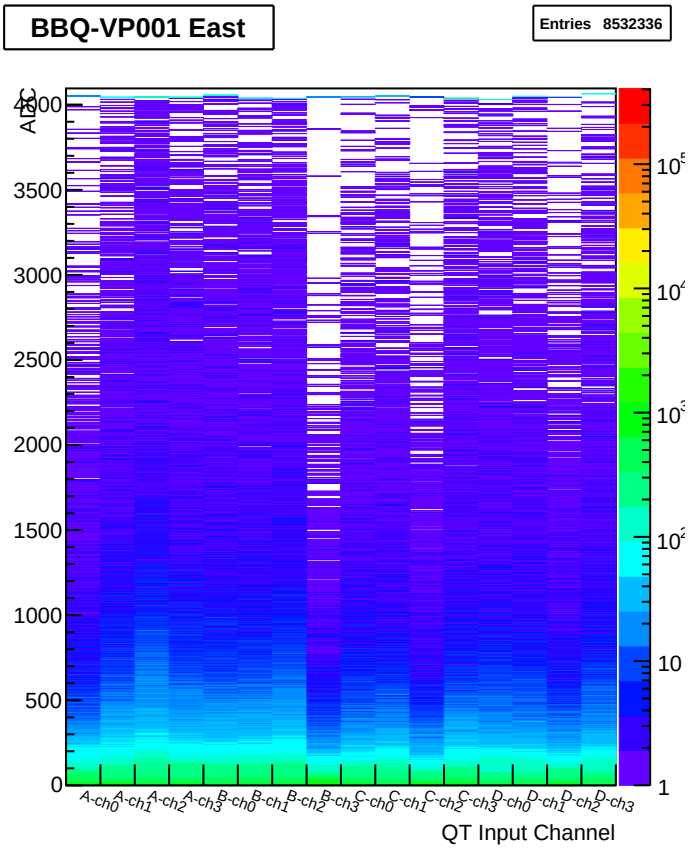

BBQ-BB001 (BBC east small tiles TAC)
Entries 8532336
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

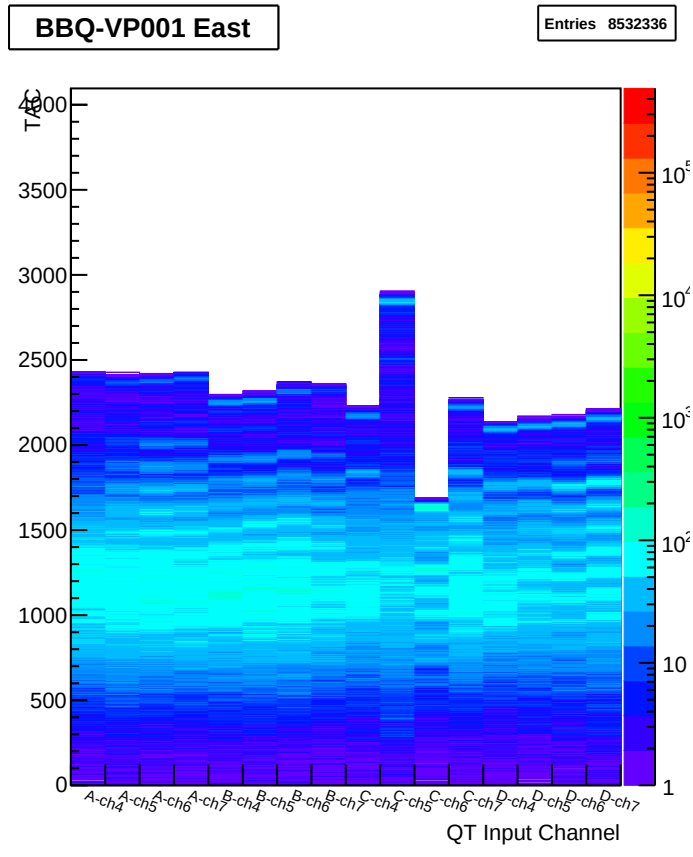

BBQ-BB002 (BBC west small tiles ADC)
Entries 8532336
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

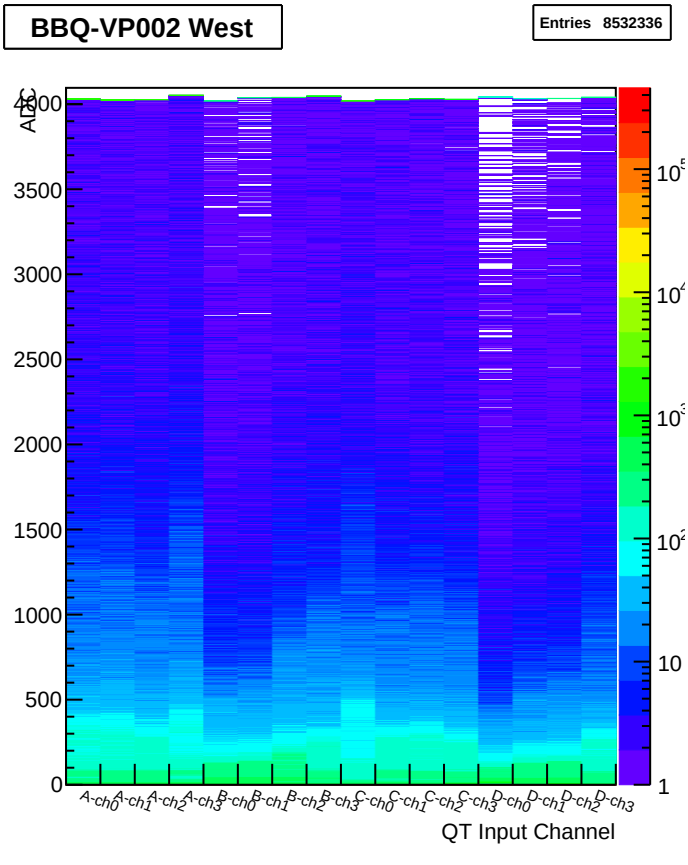

BBQ-BB002 (BBC west small tiles TAC)
Entries 8532336
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

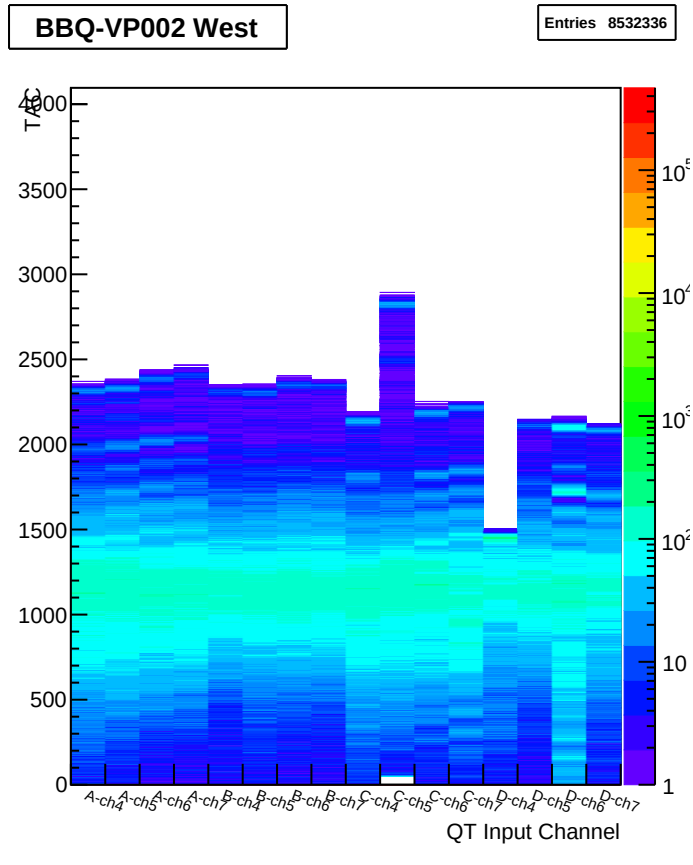

BBQ-ZD001 (ZDC TOWER)
Entries 8532336
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

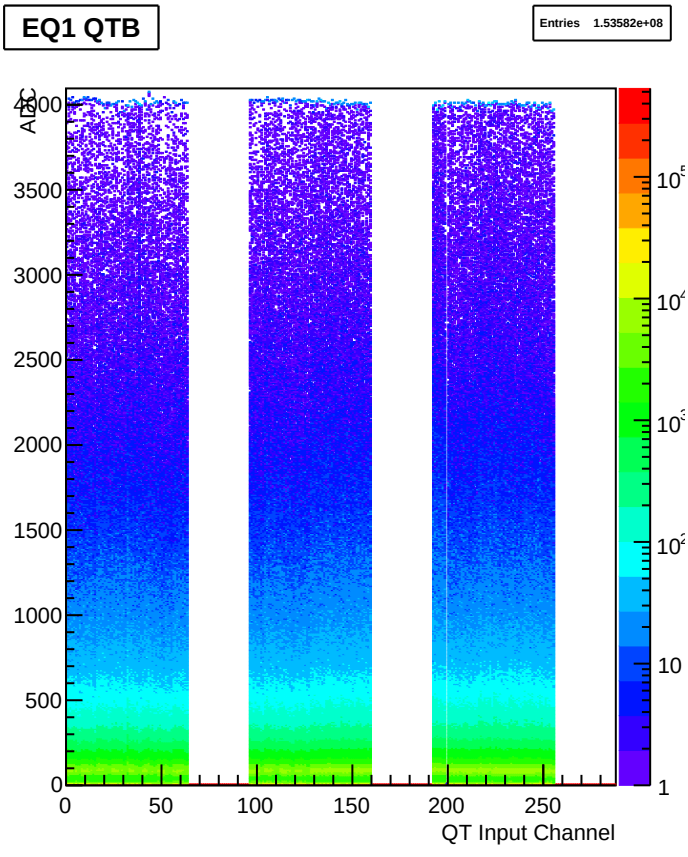

BBQ-ZD001 (ZDC TOWER)
Entries 8532336
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

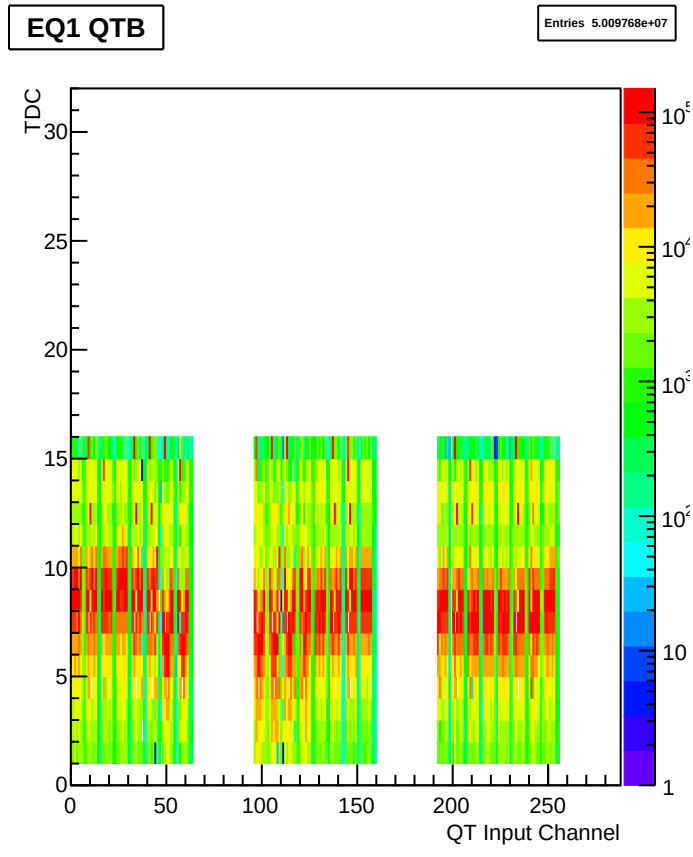

BBQ-VP001 East
Entries 8532336
ADC
QT Input Channel

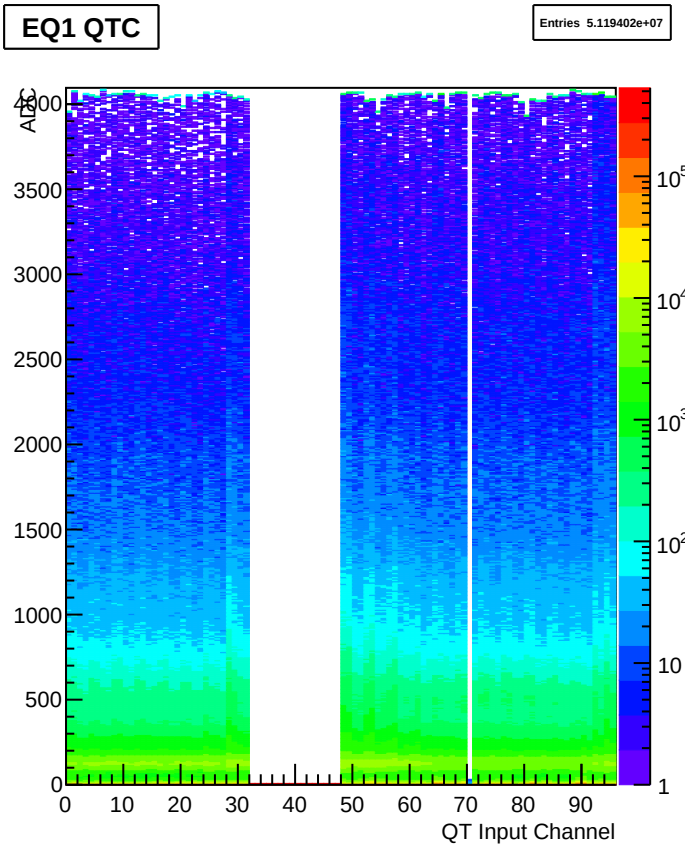

BBQ-VP001 East
Entries 8532336
TADC
QT Input Channel

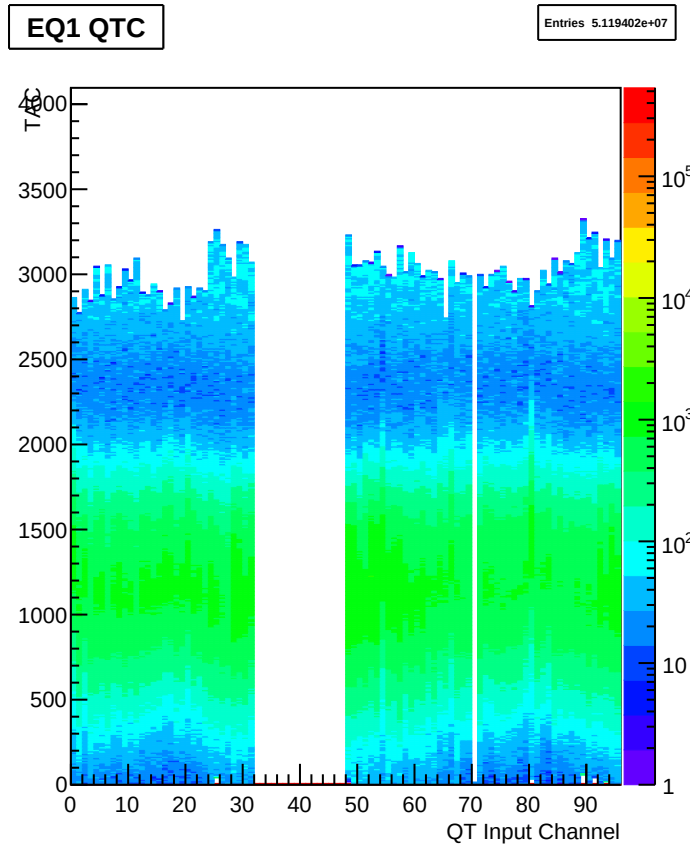

BBQ-VP002 West
Entries 8532336
ADC
QT Input Channel

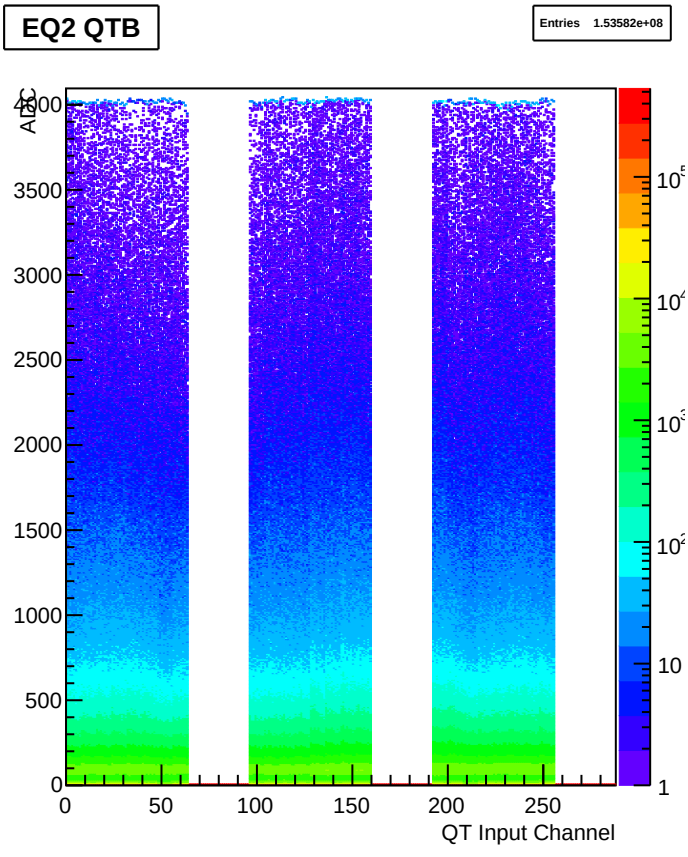

BBQ-VP002 West
Entries 8532336
TADC
QT Input Channel

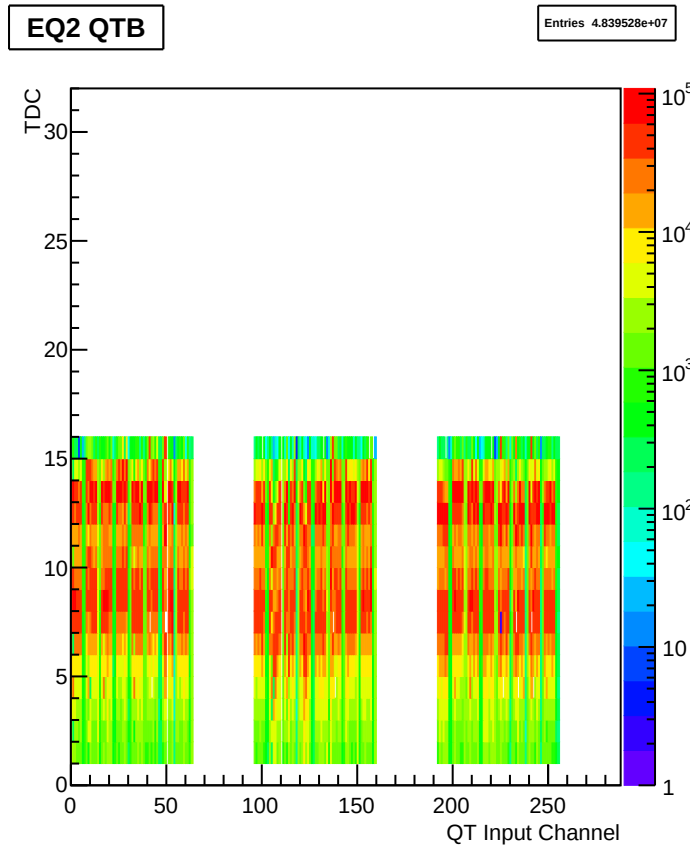

EQ1 QTB
Entries 1.53582e+08
ADC
QT Input Channel

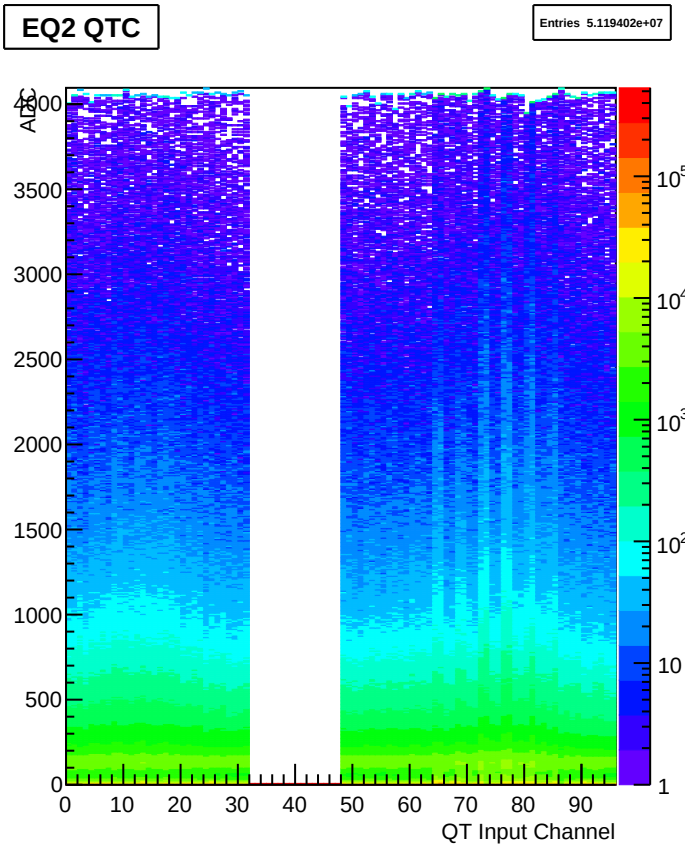

EQ1 QTB
Entries 5.009768e+07
TDC
QT Input Channel

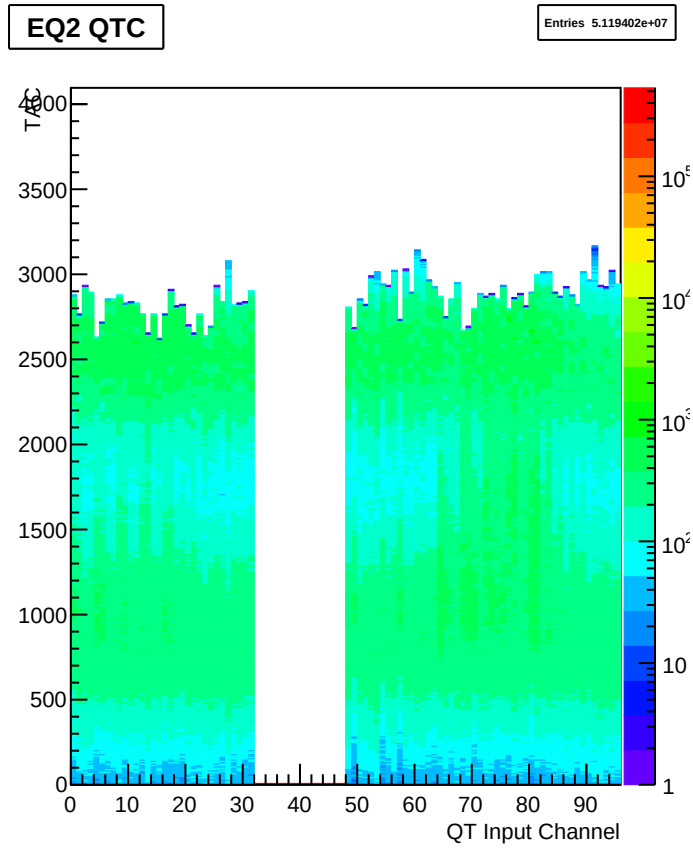

EQ1 QTC
Entries 5.119402e+07
ADC
QT Input Channel

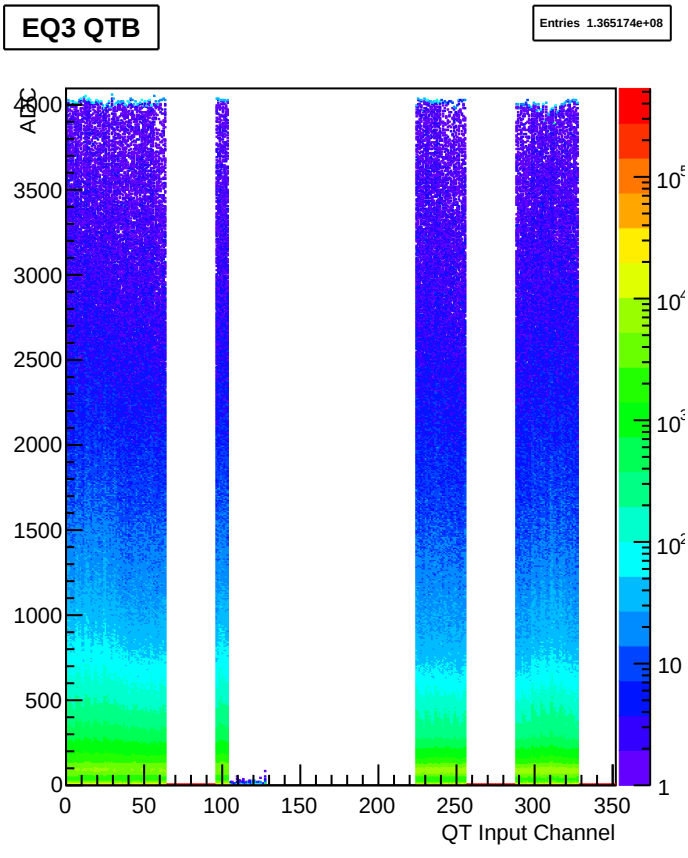

EQ1 QTC
Entries 5.119402e+07
TADC
QT Input Channel

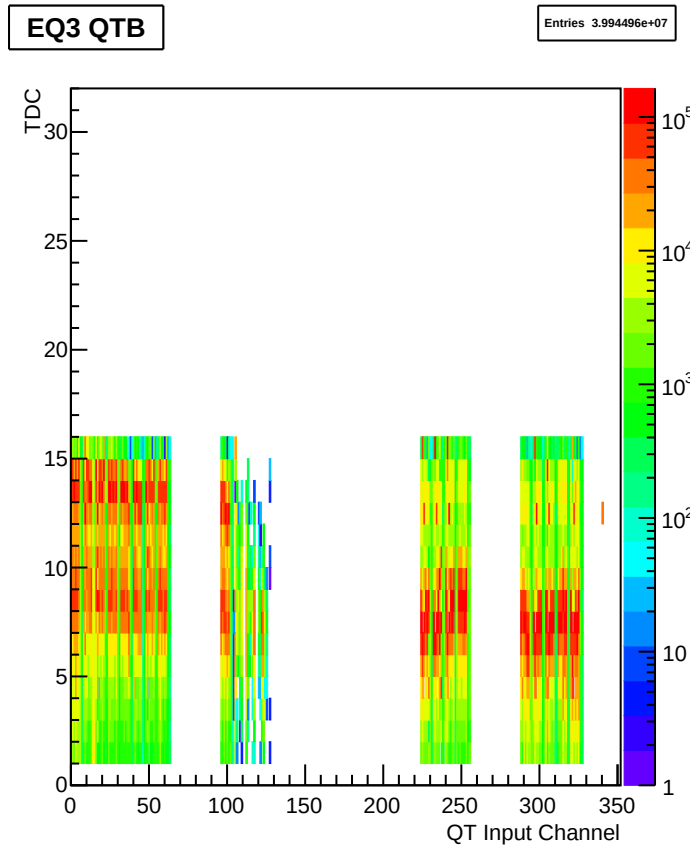

EQ2 QTB
Entries 1.53582e+08
ADC
QT Input Channel

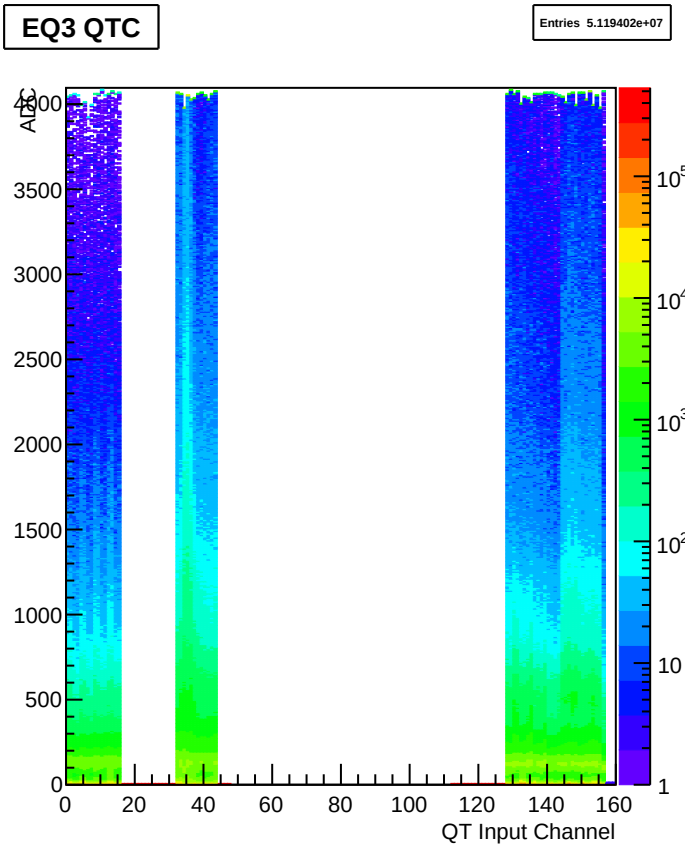

EQ2 QTB
Entries 4.839528e+07
TDC
QT Input Channel

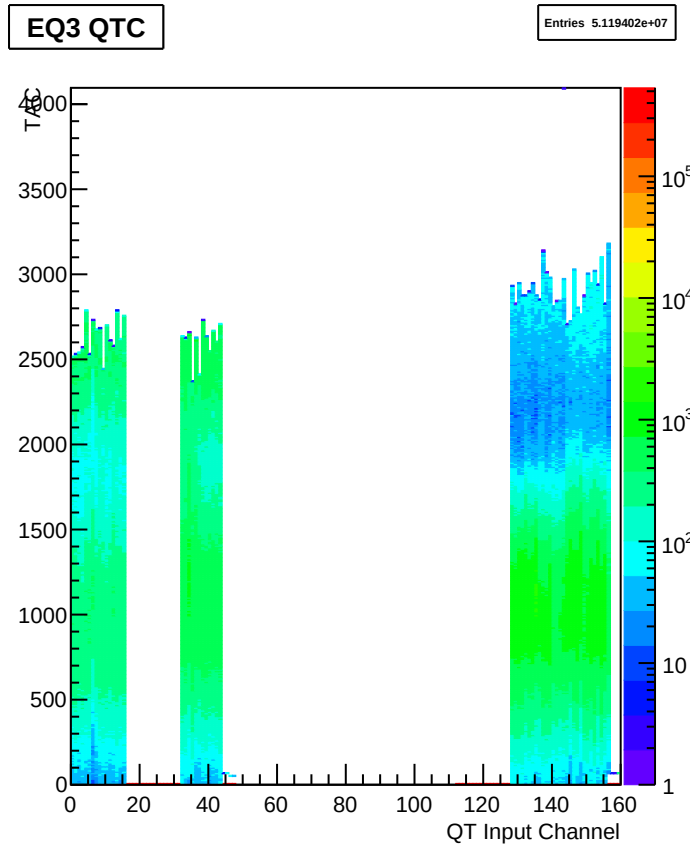

EQ2 QTC
Entries 5.119402e+07
ADC
QT Input Channel

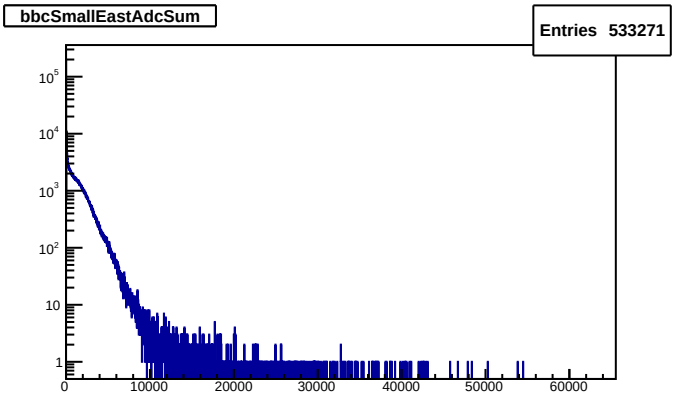

EQ2 QTC
Entries 5.119402e+07
TADC
QT Input Channel

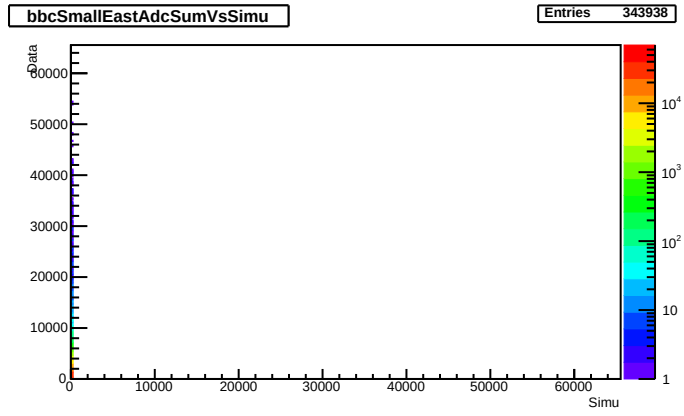

EQ3 QTB
Entries 1.365174e+08
ADC
QT Input Channel

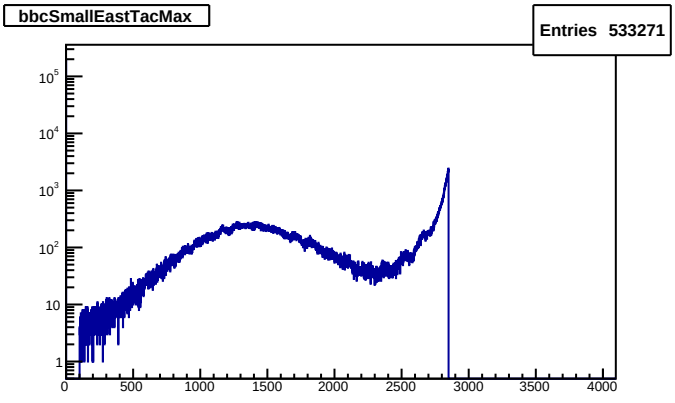

EQ3 QTB
Entries 3.994496e+07
TDC
QT Input Channel

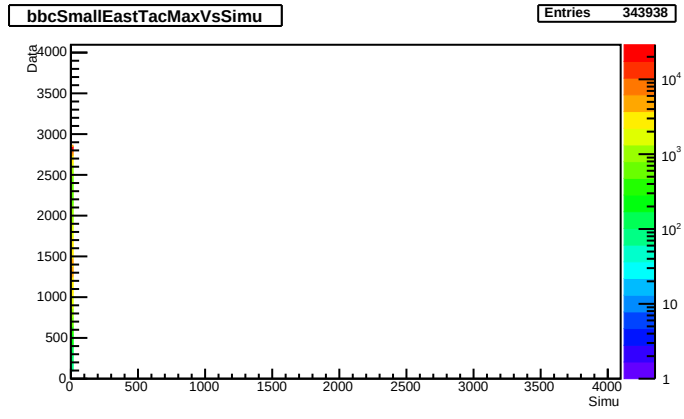

EQ3 QTC
Entries 5.119402e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.119402e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 533271


bbcSmallEastAdcSumVsSimu
Entries 343938
Data
Simu


bbcSmallEastTacMax
Entries 533271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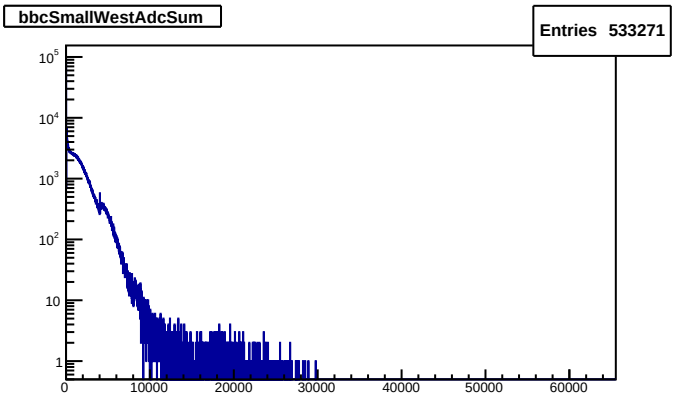
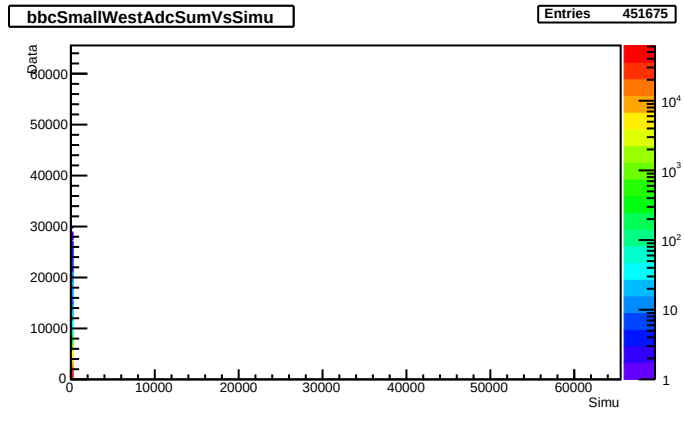
Entries 343938
Data
Simu


bbcSmallWestAdcSum
Entries 533271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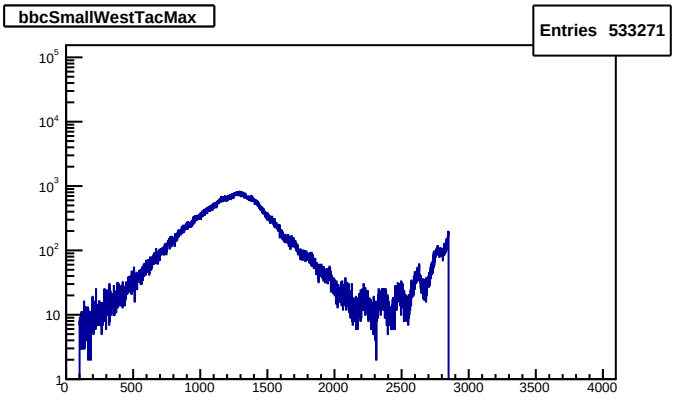
Entries 451675
Data
Simu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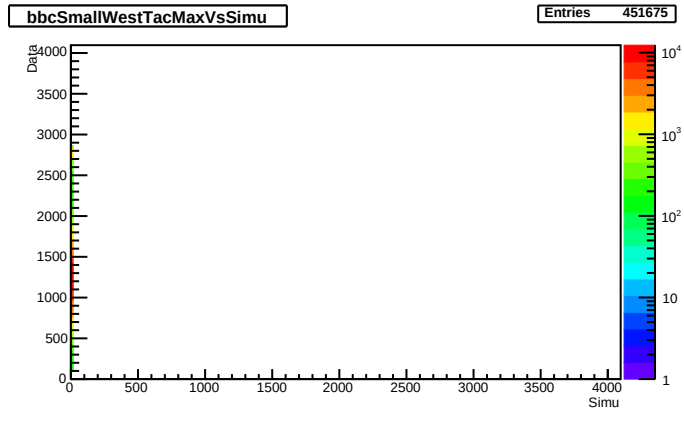
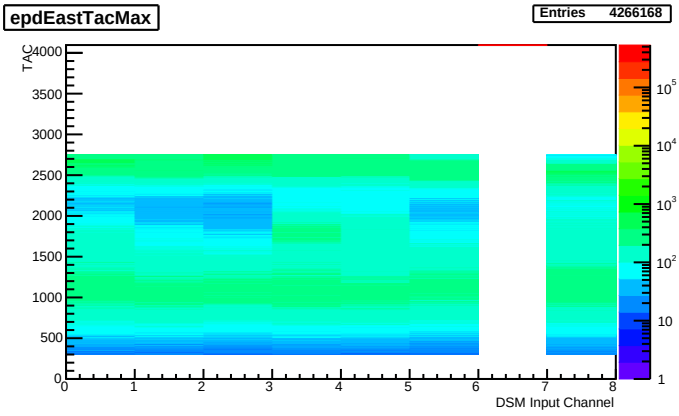
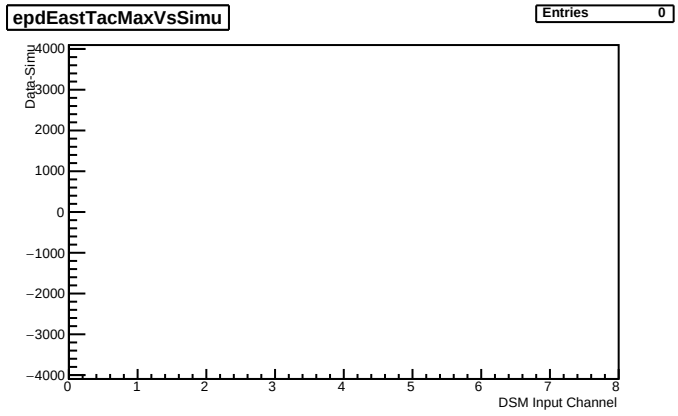
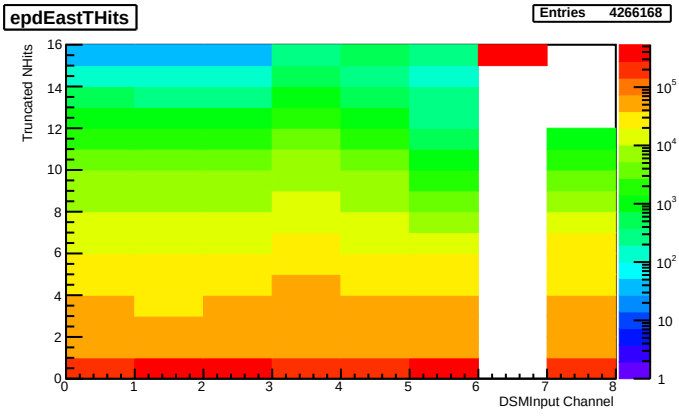
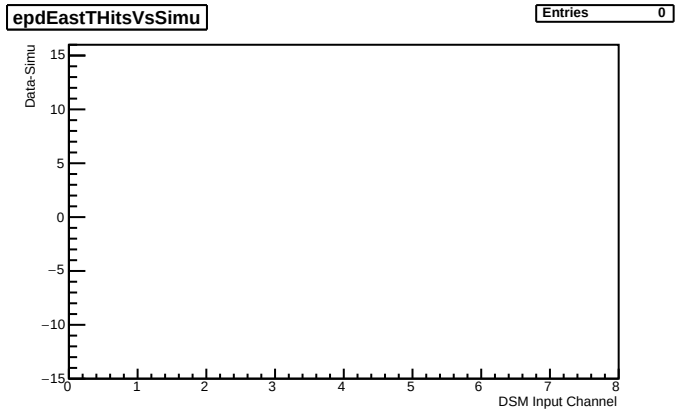
Entries 533271


bbcSmallWestTacMaxVsSimu
Entries 451675
Data
Simu


epdEastTacMax
Entries 4266168
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4266168
Truncated NHits
DSMInput Channel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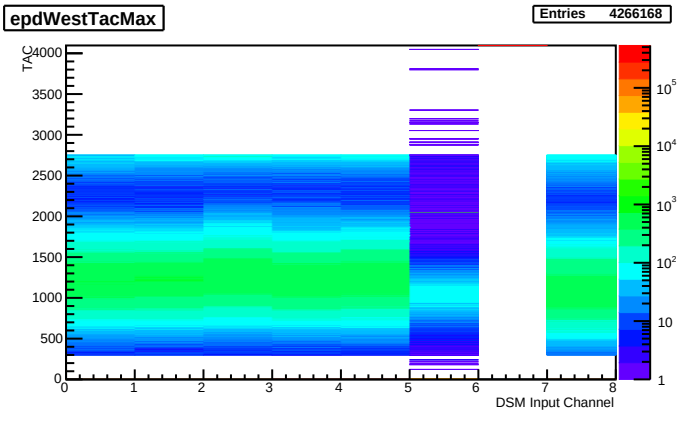
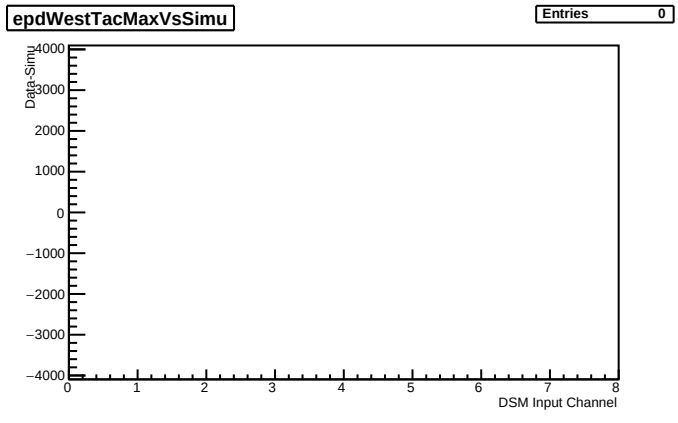
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4266168
TAC
DSM Input Channel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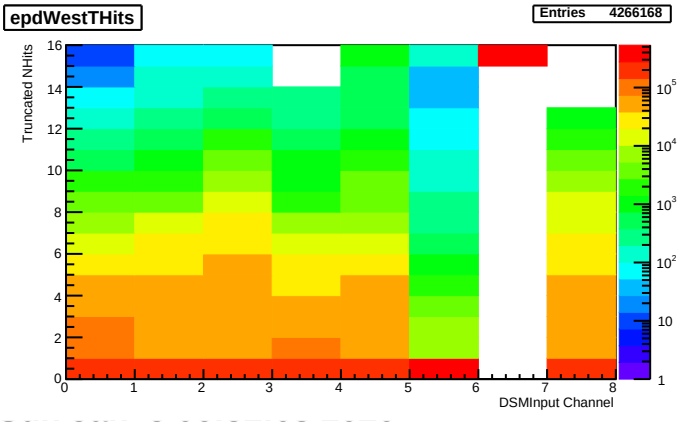
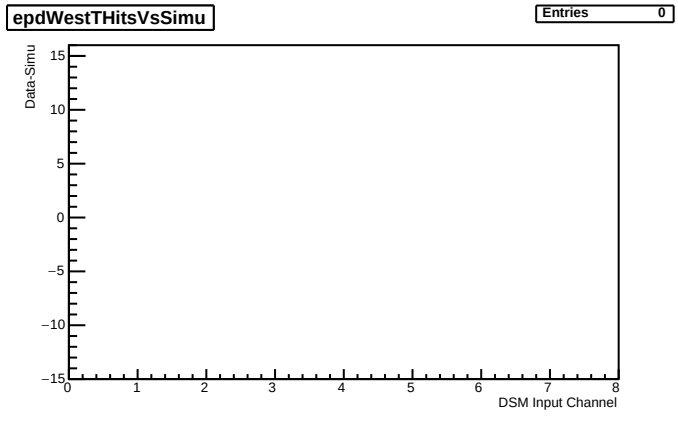
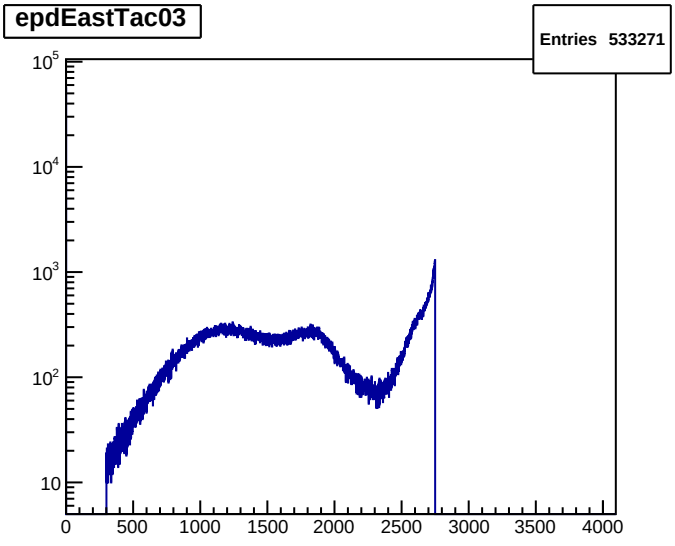
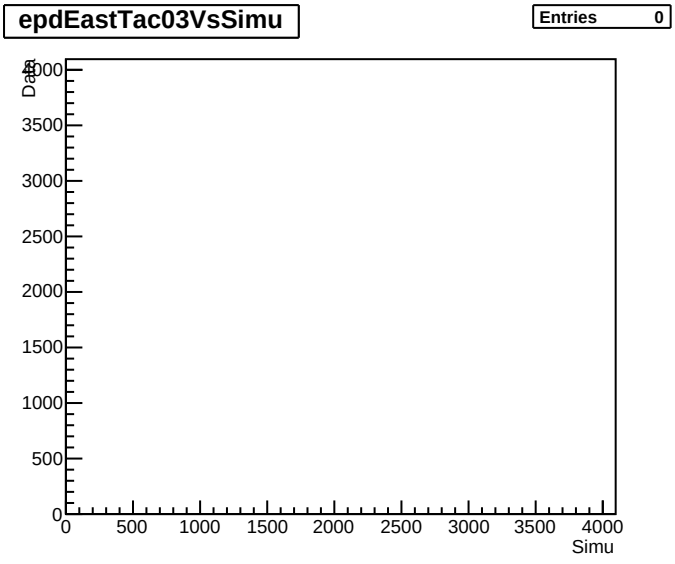
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4266168
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 533271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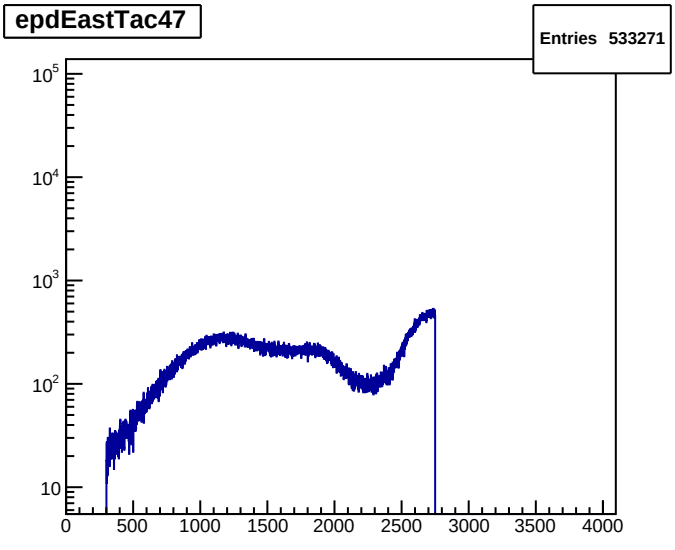
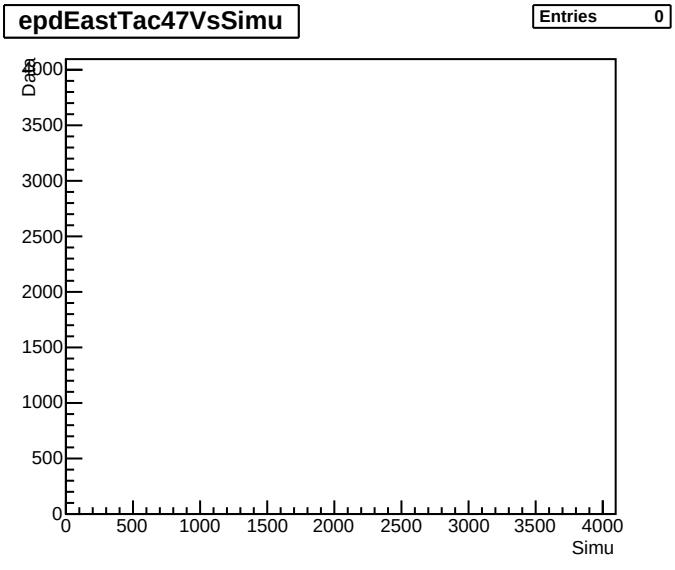
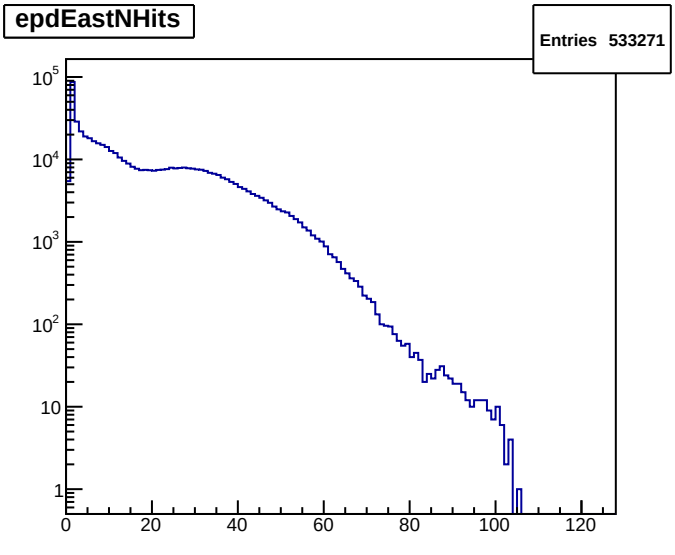
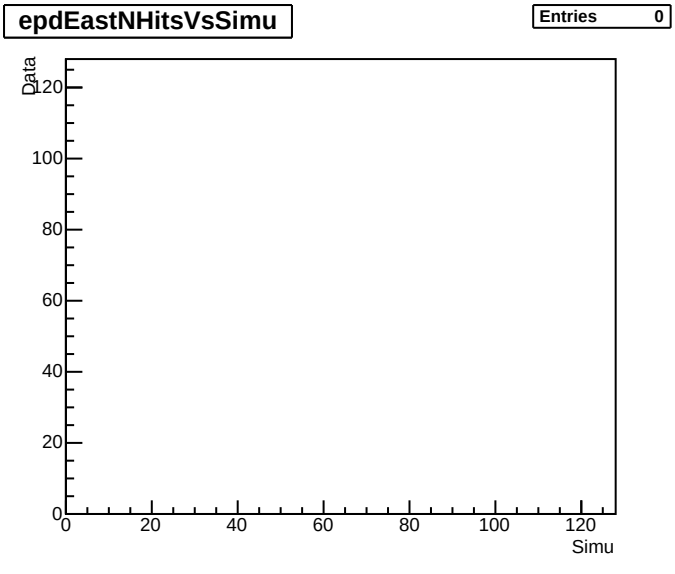
Entries 0
Data
Simu


epdEastTac47
Entries 533271


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 533271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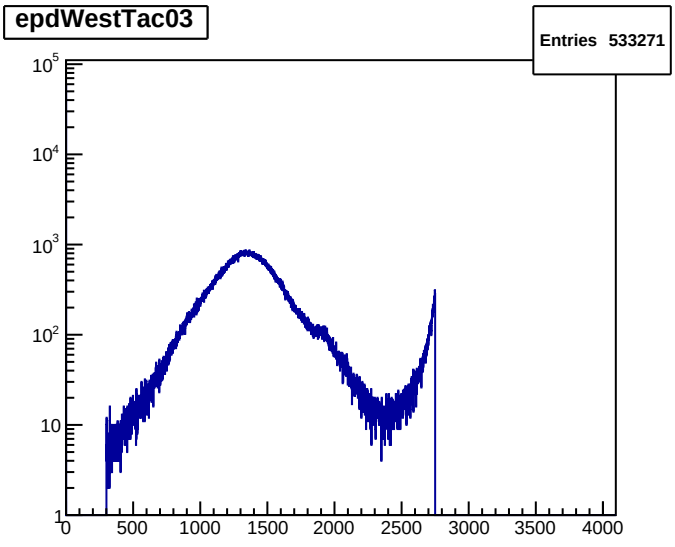
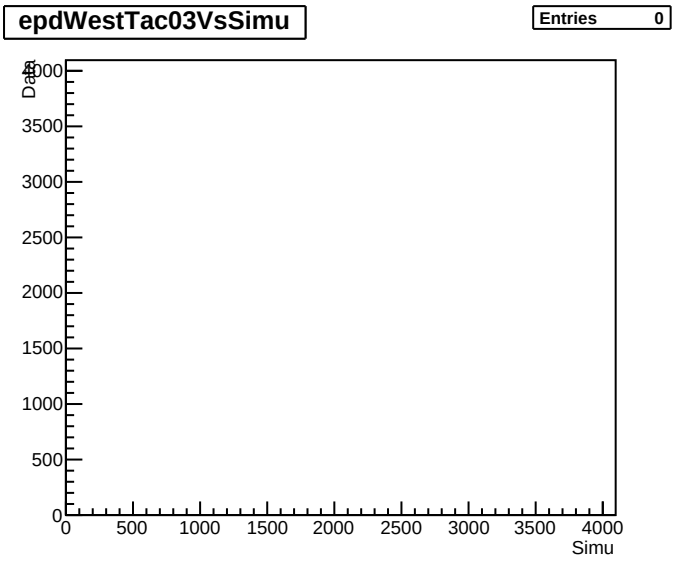
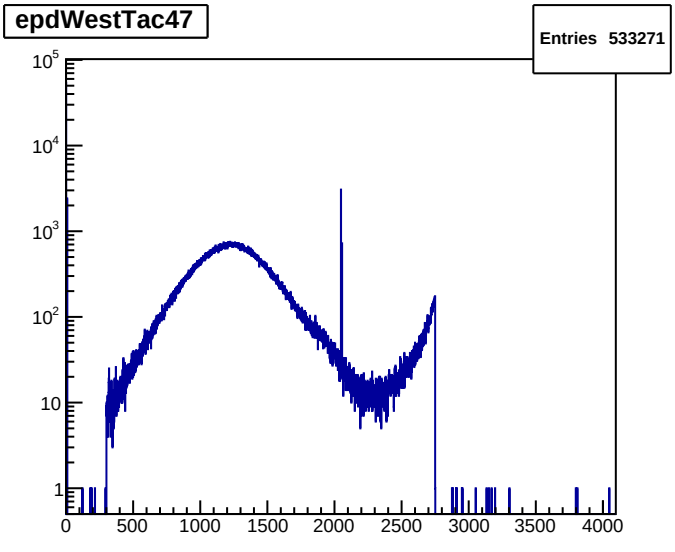
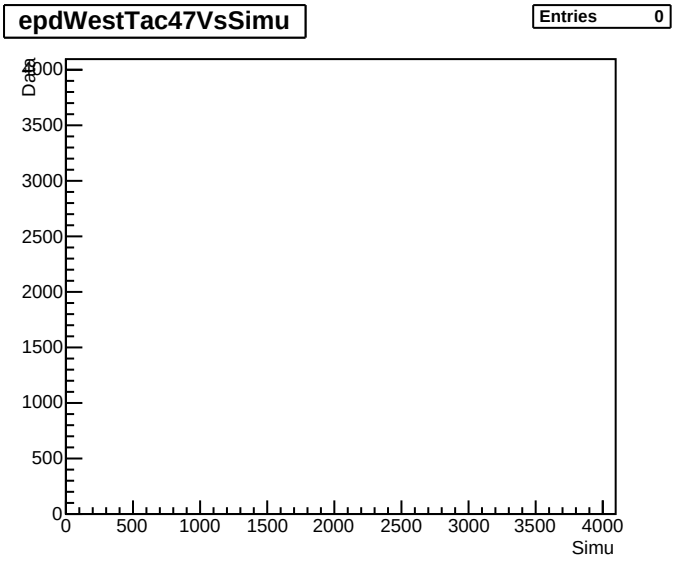
Entries 0
Data
Simu


epdWestTac03
Entries 533271


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 533271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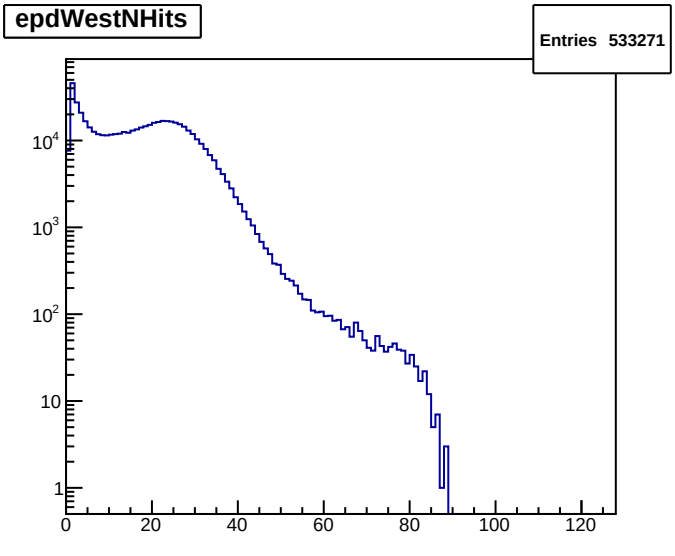
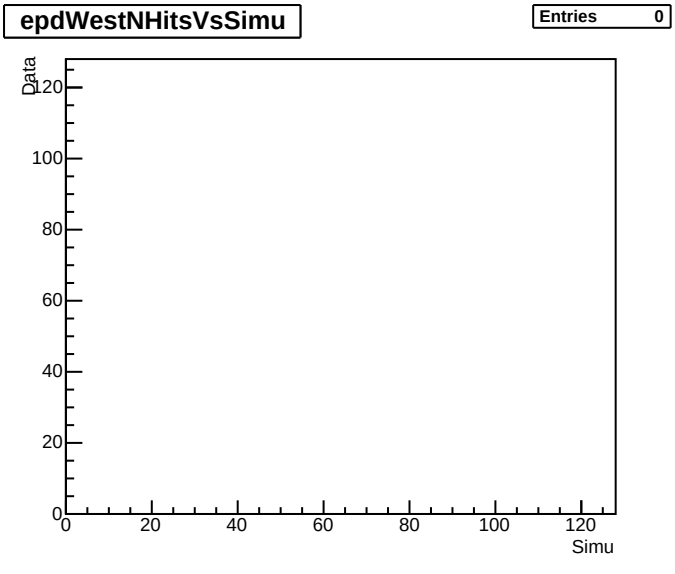
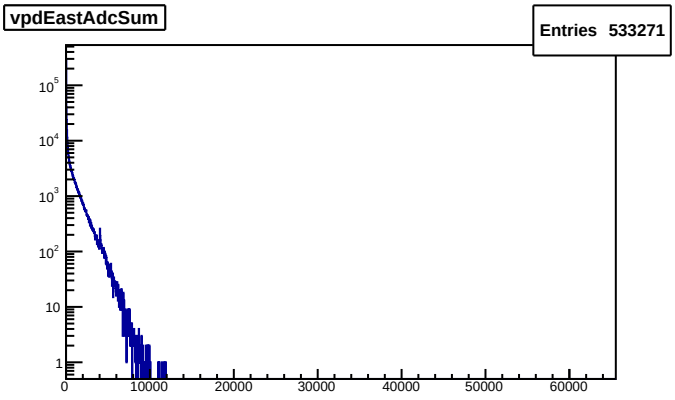
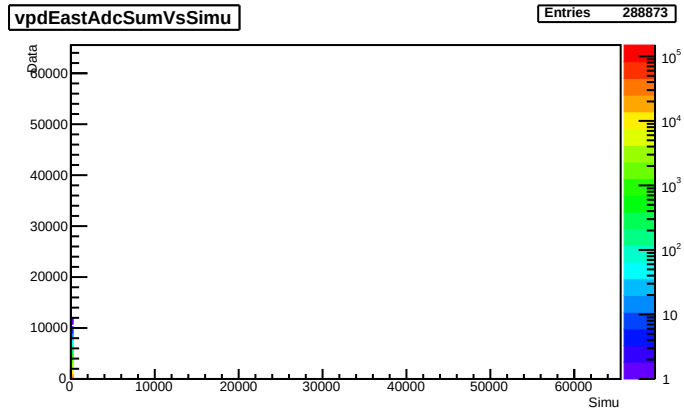
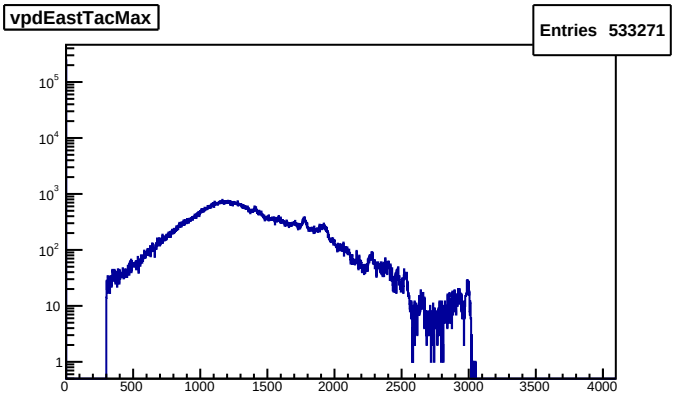
Entries 0
Data
Simu

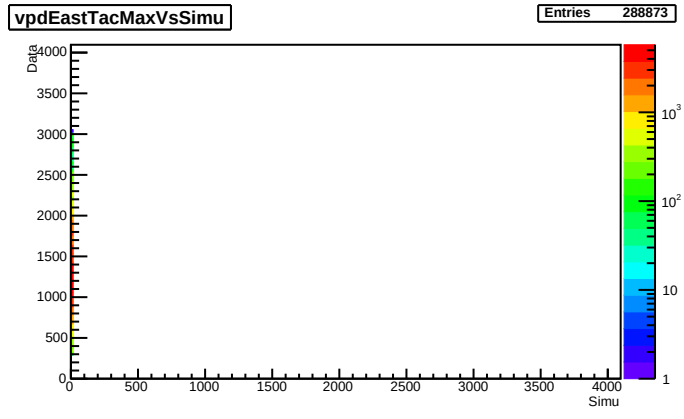

epdWestNHits
Entries 533271

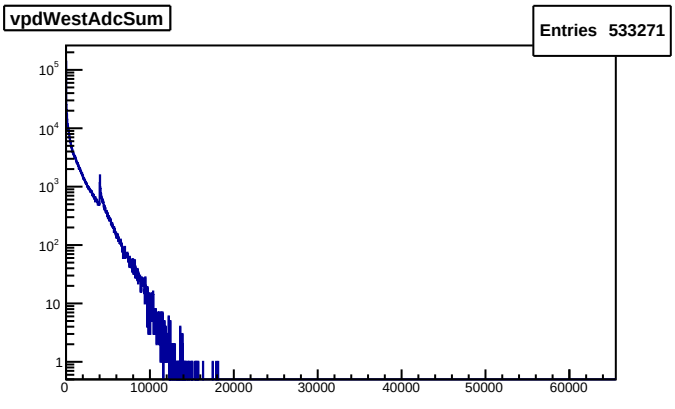

epdWestNHitsVsSimu
Entries 0
Data
Simu

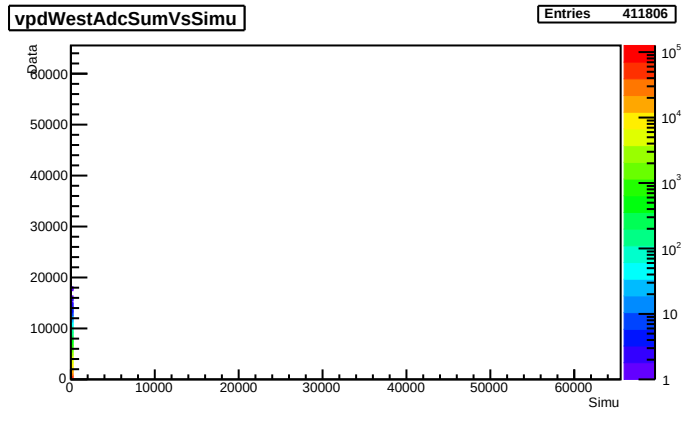

vpdEastAdcSum
Entries 533271

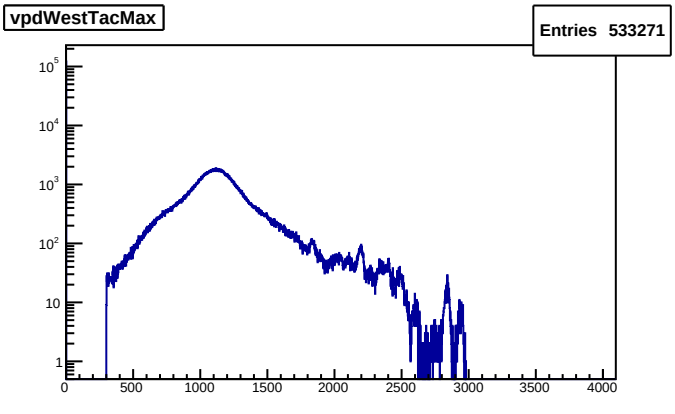

vpdEastAdcSumVsSimu
Entries 288873
Data
Simu

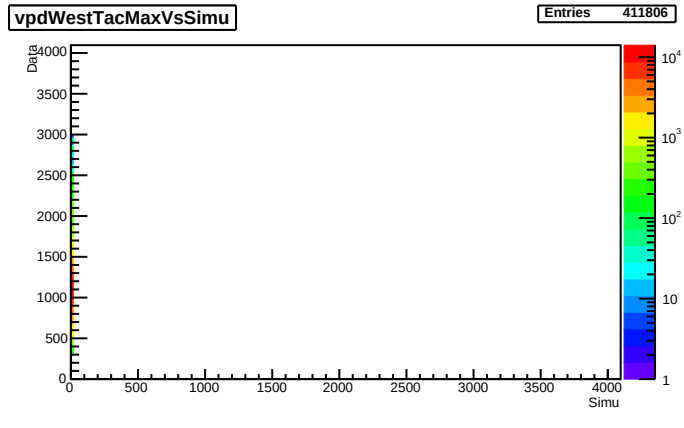

vpdEastTacMax
Entries 533271

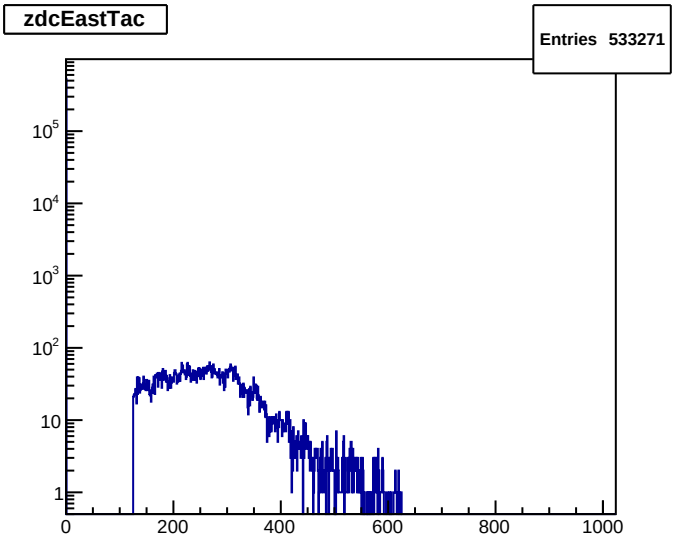

vpdEastTacMaxVsSimu
Entries 288873
Data
Simu

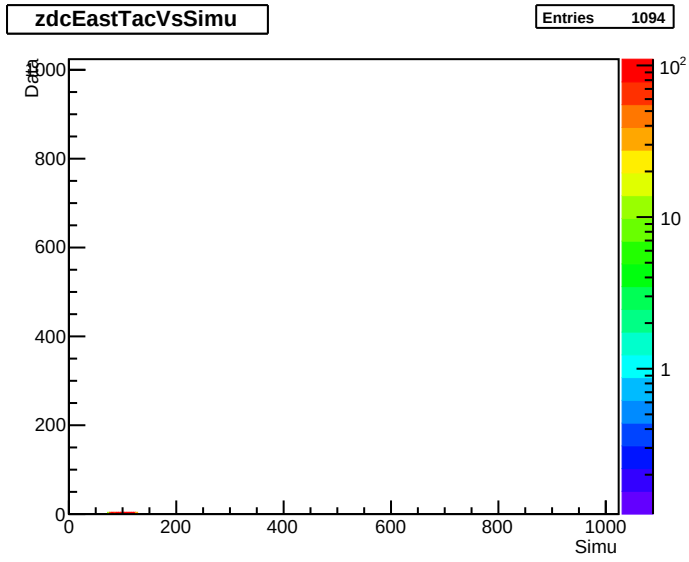

vpdWestAdcSum
Entries 533271

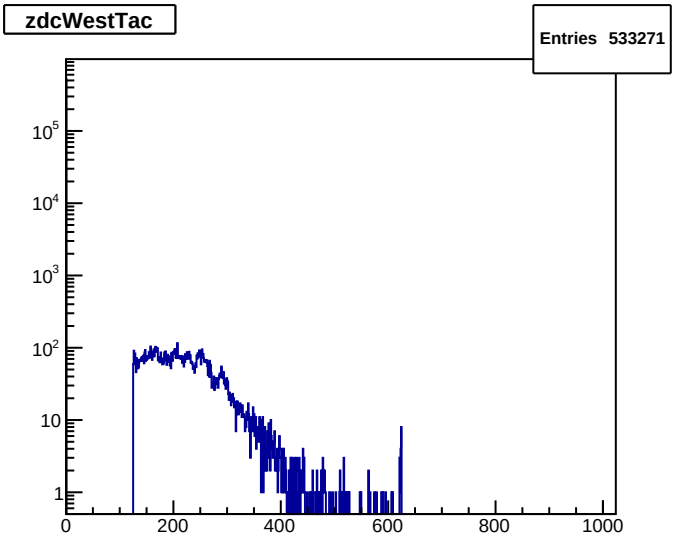

vpdWestAdcSumVsSimu
Entries 411806
Data
Simu

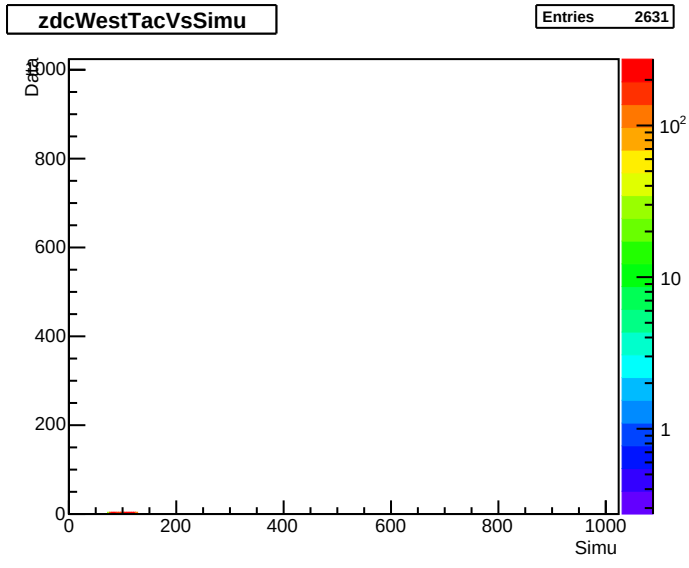

vpdWestTacMax
Entries 533271

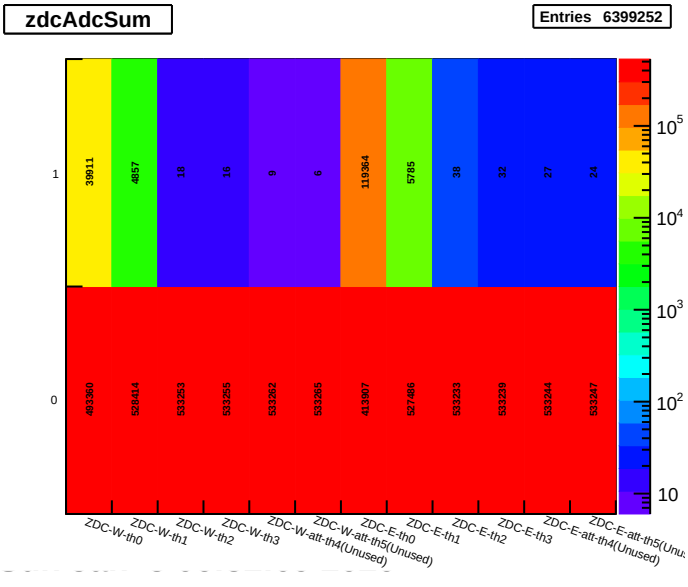

vpdWestTacMaxVsSimu
Entries 411806
Data
Simu

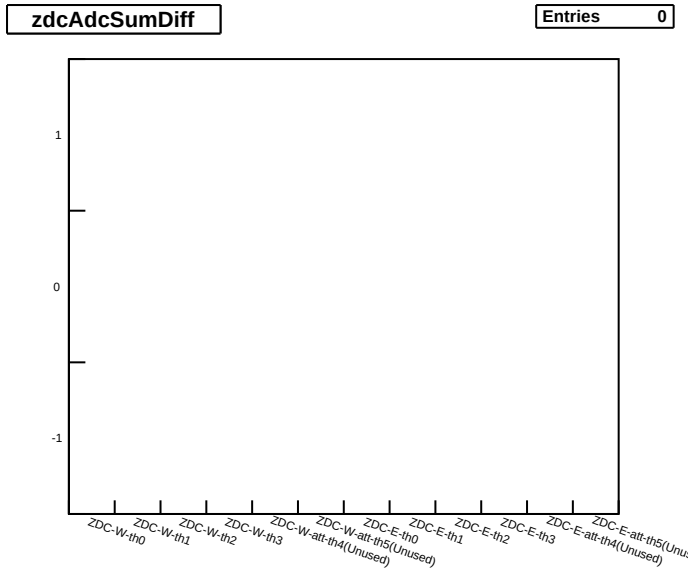

zdcEastTac
Entries 533271

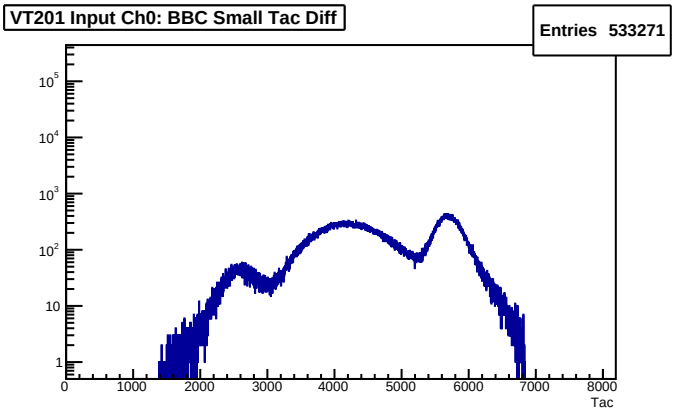

zdcEastTacVsSimu
Entries 1094
Data
Simu

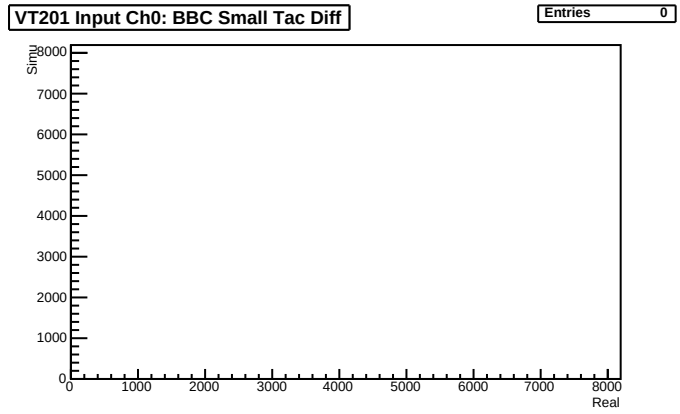

zdcWestTac
Entries 533271

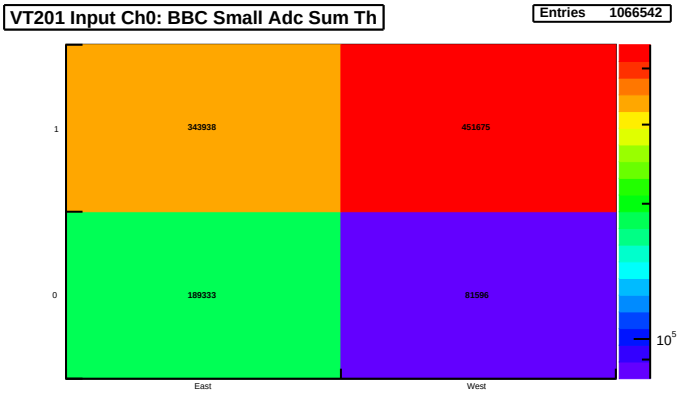

zdcWestTacVsSimu
Entries 2631
Data
Simu

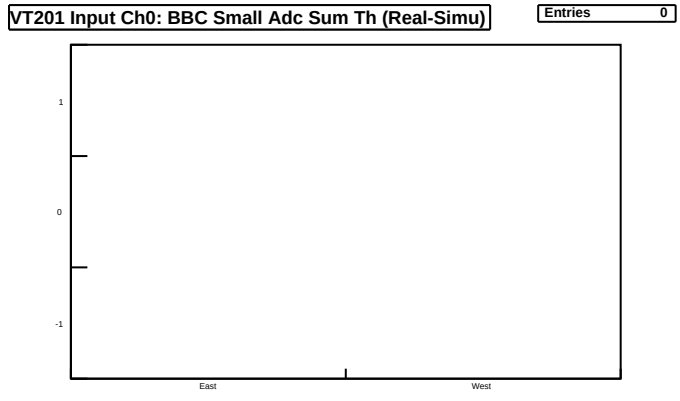

zdcAdcSum
Entries 6399252
39911
4857
18
16
9
6
119364
5785
38
32
27
24
493360
528414
533253
533255
533262
533265
413907
527486
533233
533239
533244
533247
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

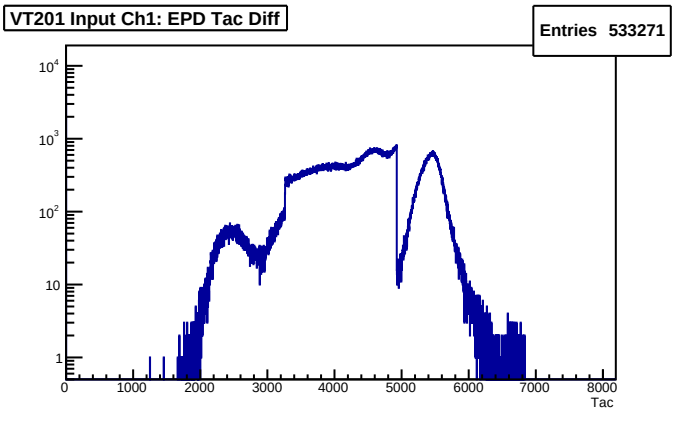

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

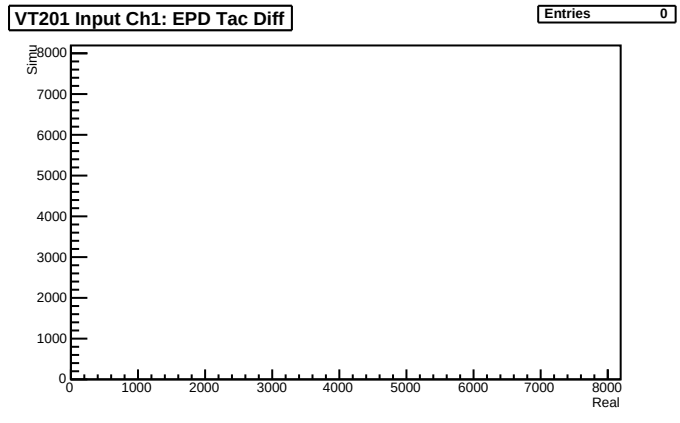

VT201 Input Ch0: BBC Small Tac Diff
Entries 533271
Tac

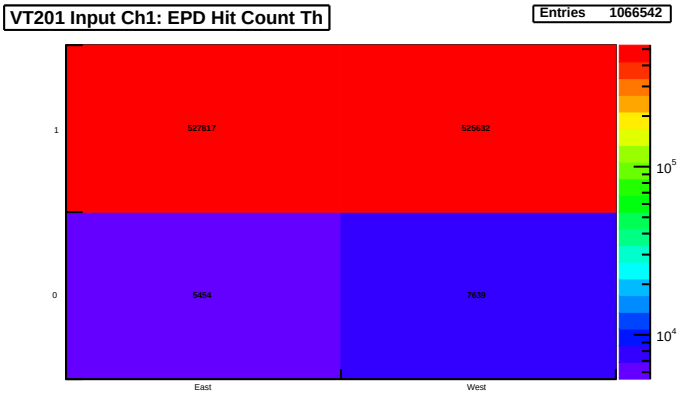

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

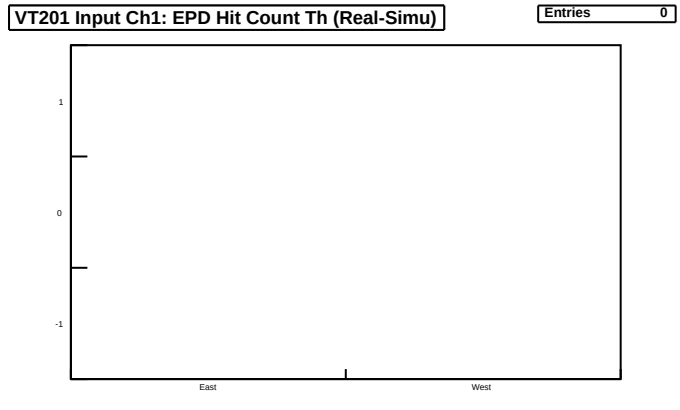

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1066542
343938
451675
189333
81596
East
West

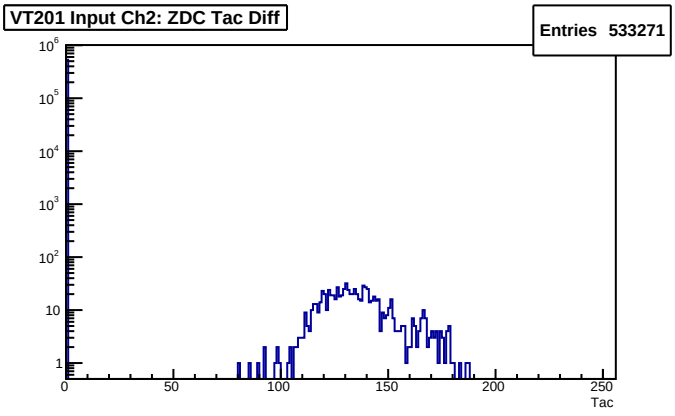

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

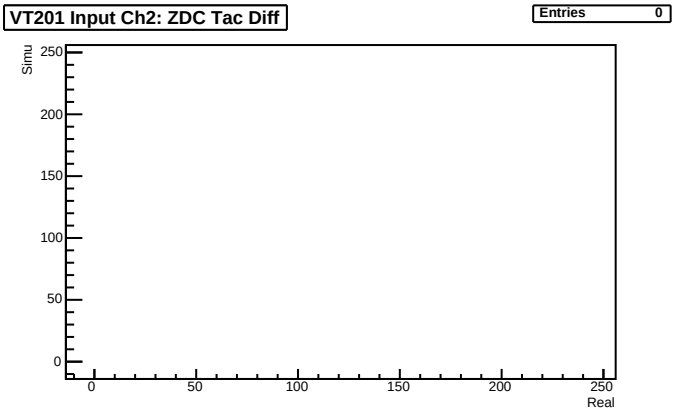

VT201 Input Ch1: EPD Tac Diff
Entries 533271
Tac

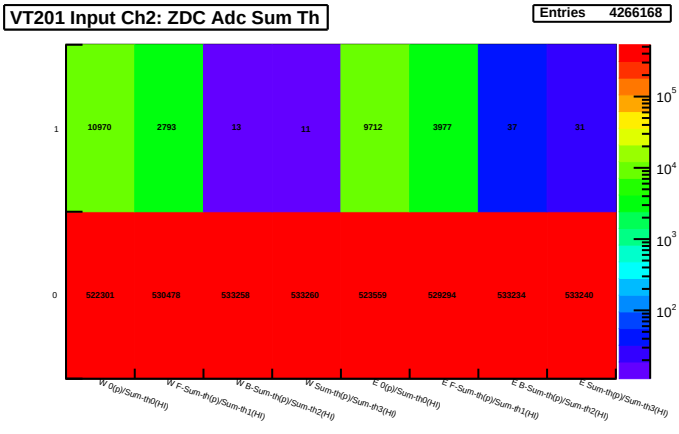

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

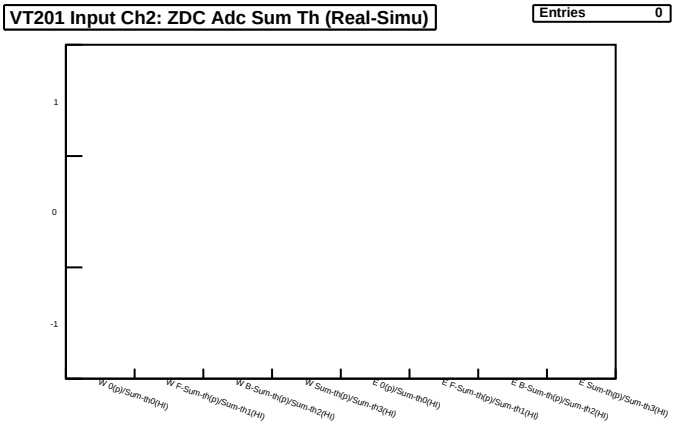

VT201 Input Ch1: EPD Hit Count Th
Entries 1066542
527817
525632
5454
7639
East
West

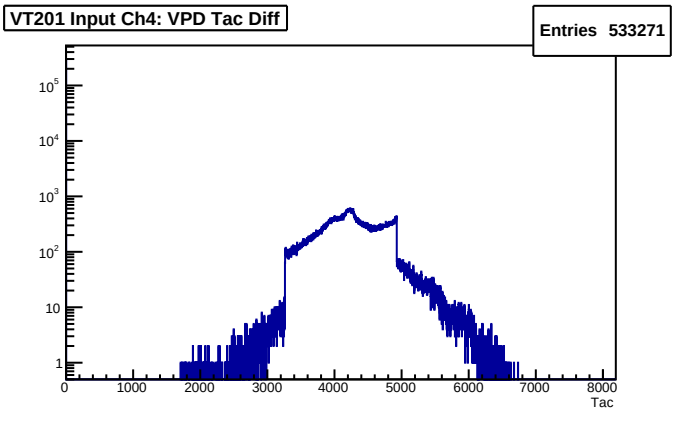

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

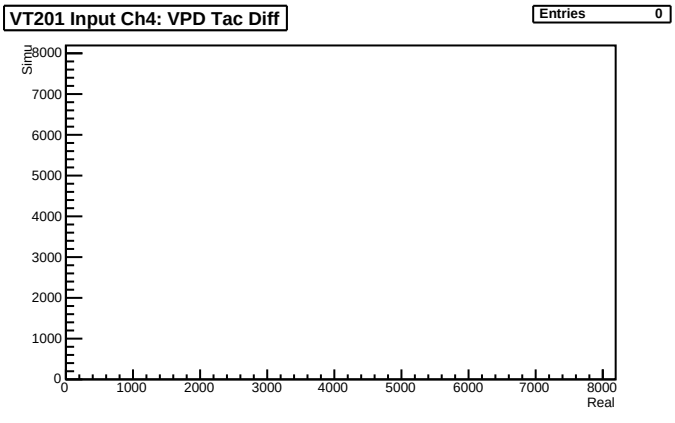

VT201 Input Ch2: ZDC Tac Diff
Entries 533271
Tac

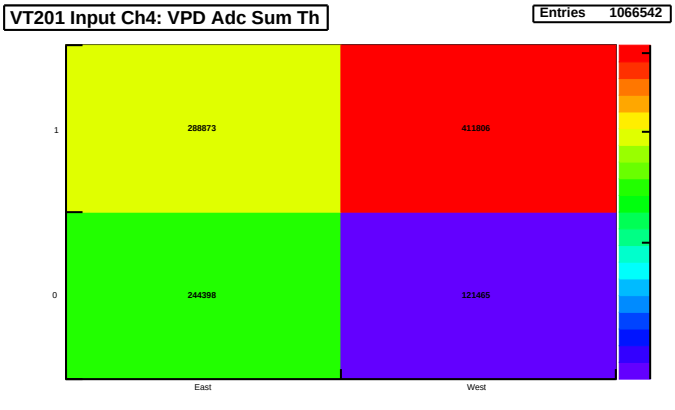

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

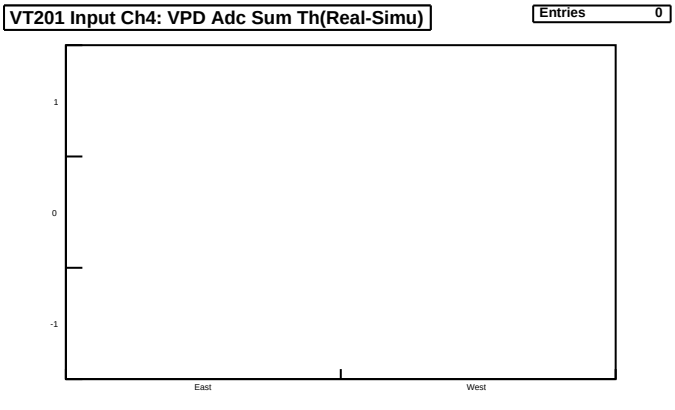

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4266168
10970
2793
13
11
9712
3977
37
31
522301
530478
533258
533260
523559
529294
533234
533240
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

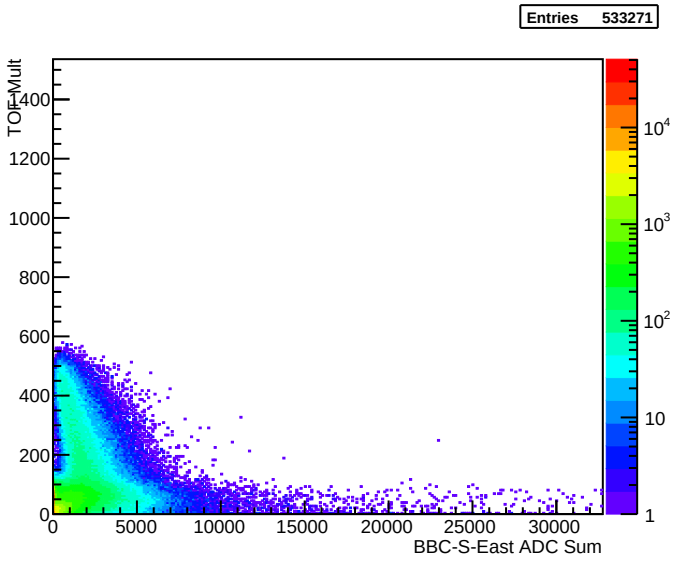

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

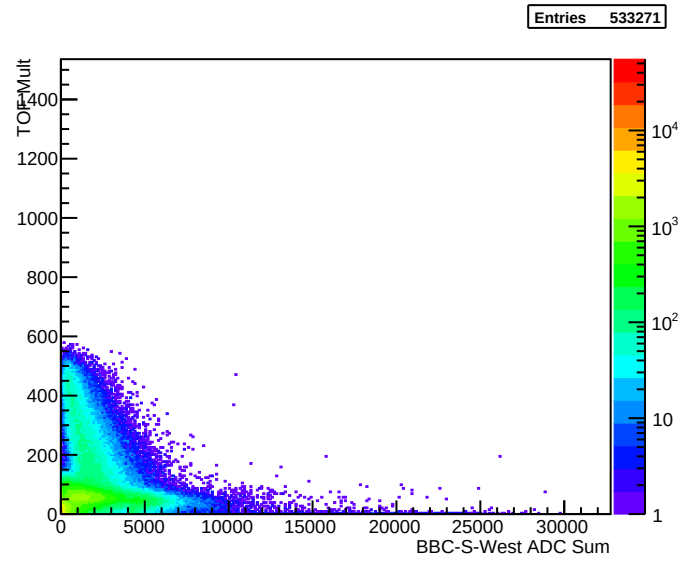

VT201 Input Ch4: VPD Tac Diff
Entries 533271
Tac

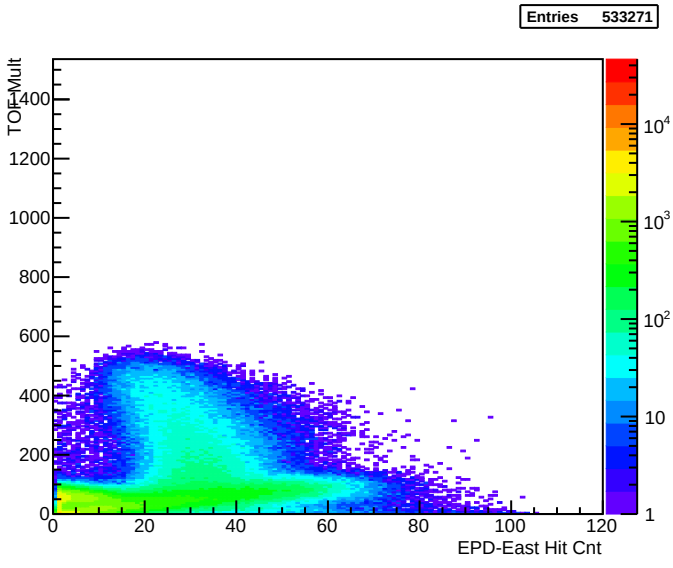

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

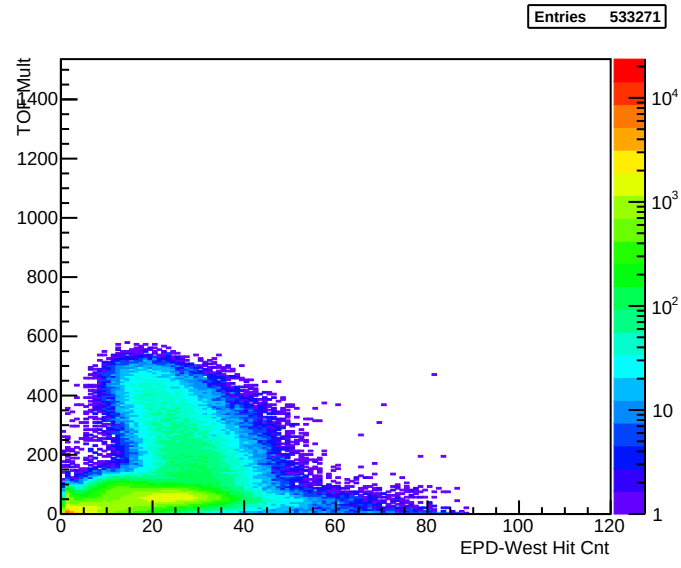

VT201 Input Ch4: VPD Adc Sum Th
Entries 1066542
288873
411806
244398
121465
East
West

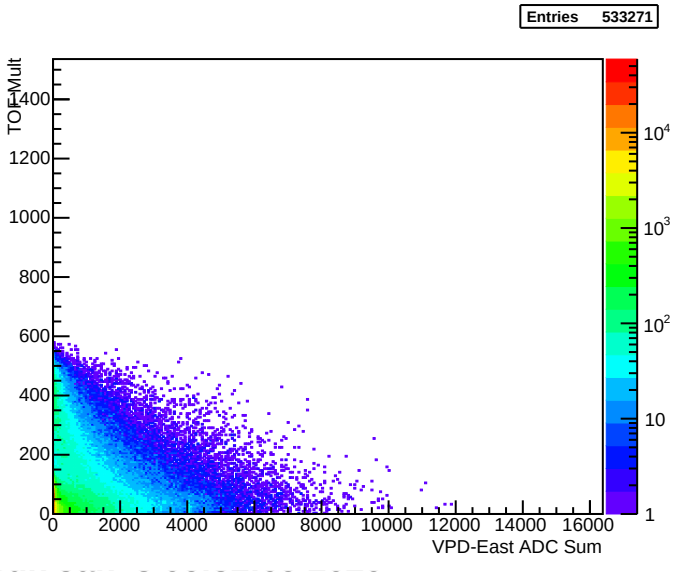

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

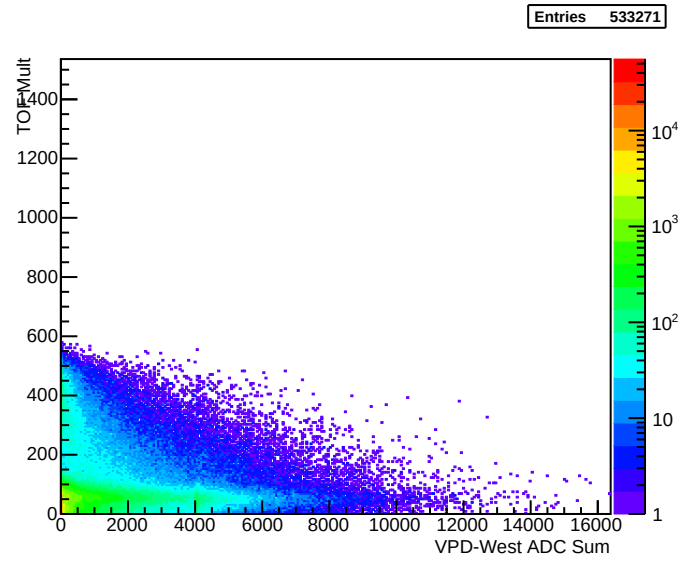

Entries 533271
TOF-Mult
BBC-S-East ADC Sum

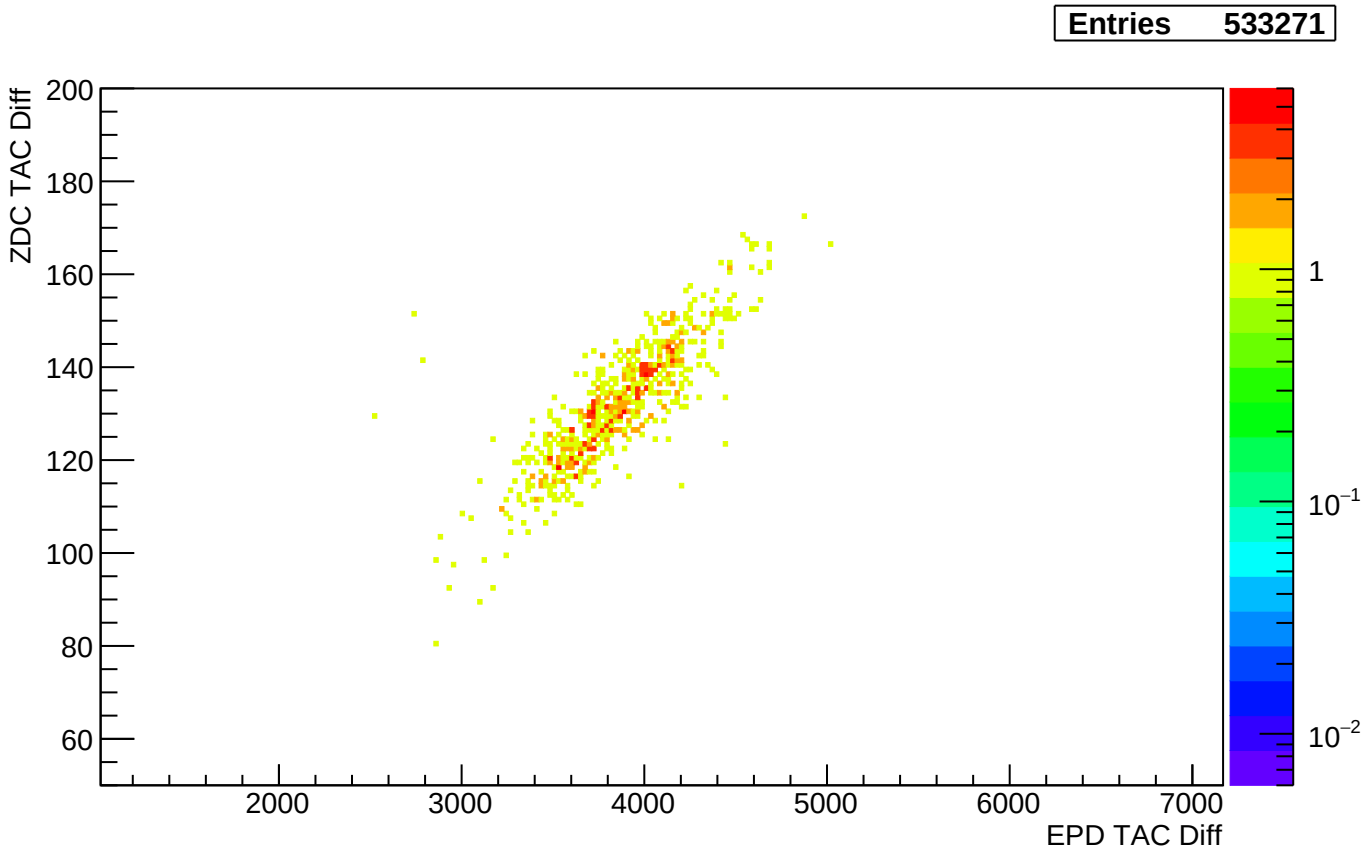

Entries 533271
TOF-Mult
BBC-S-West ADC Sum

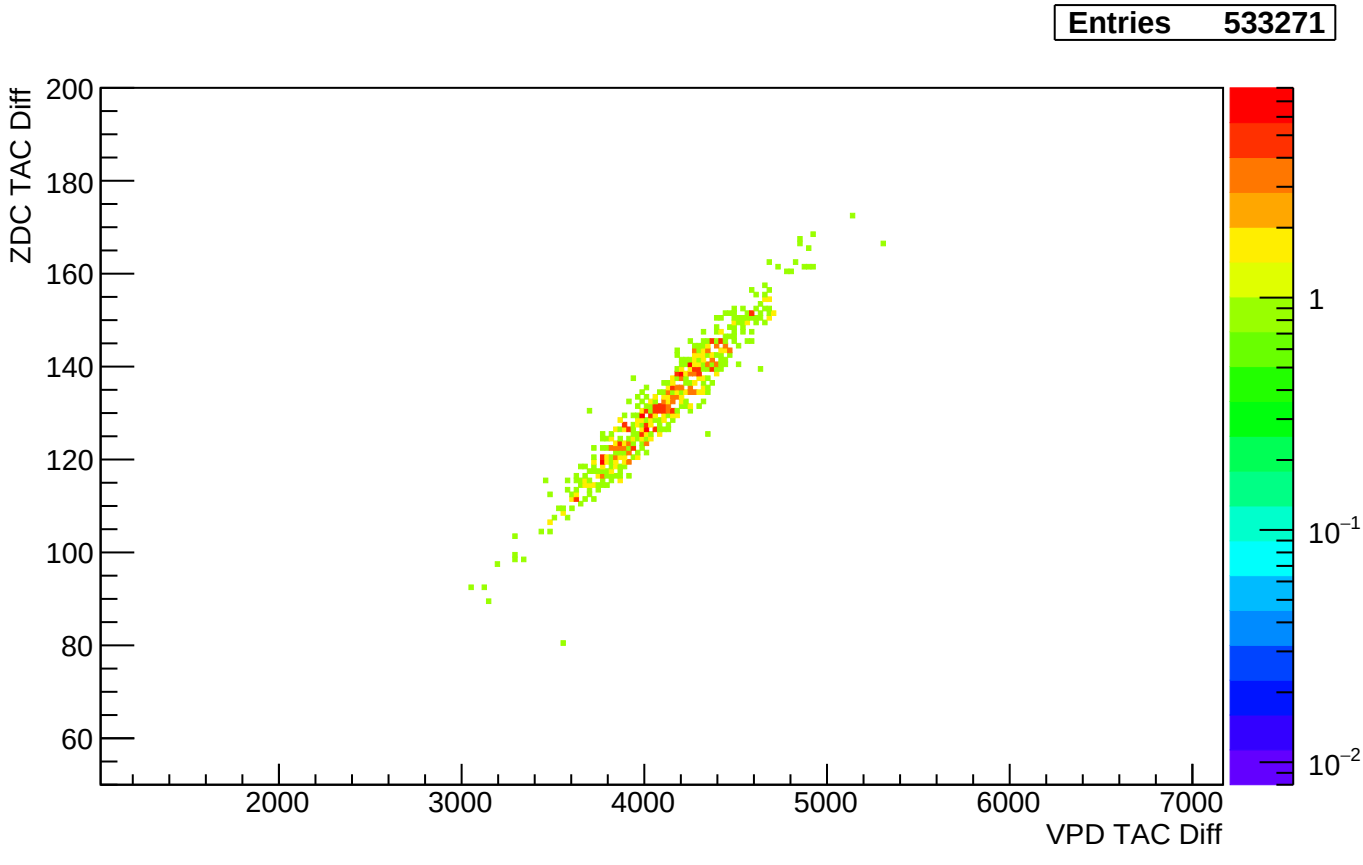

Entries 533271
TOF-Mult
EPD-East Hit Cnt

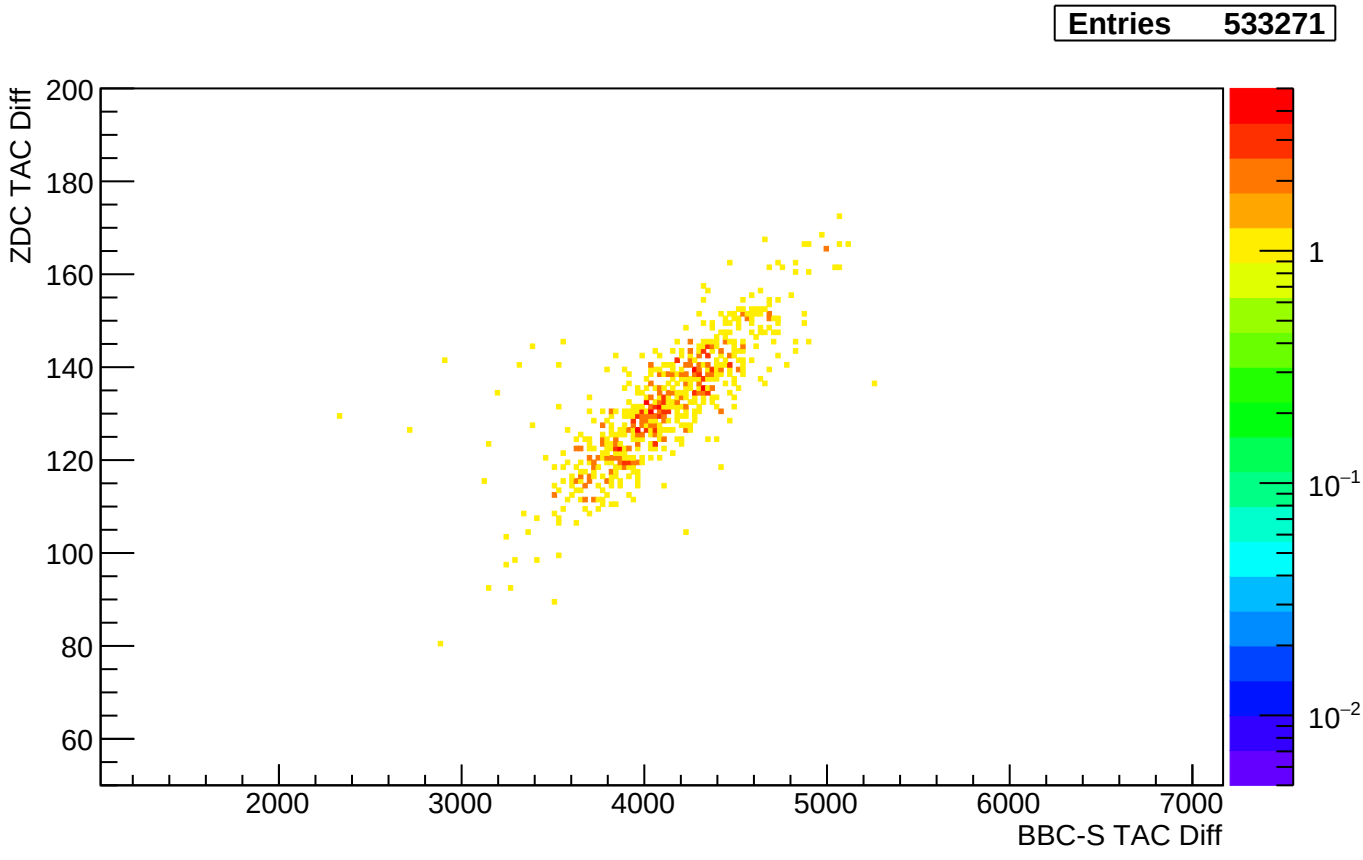

Entries 533271
TOF-Mult
EPD-West Hit Cnt

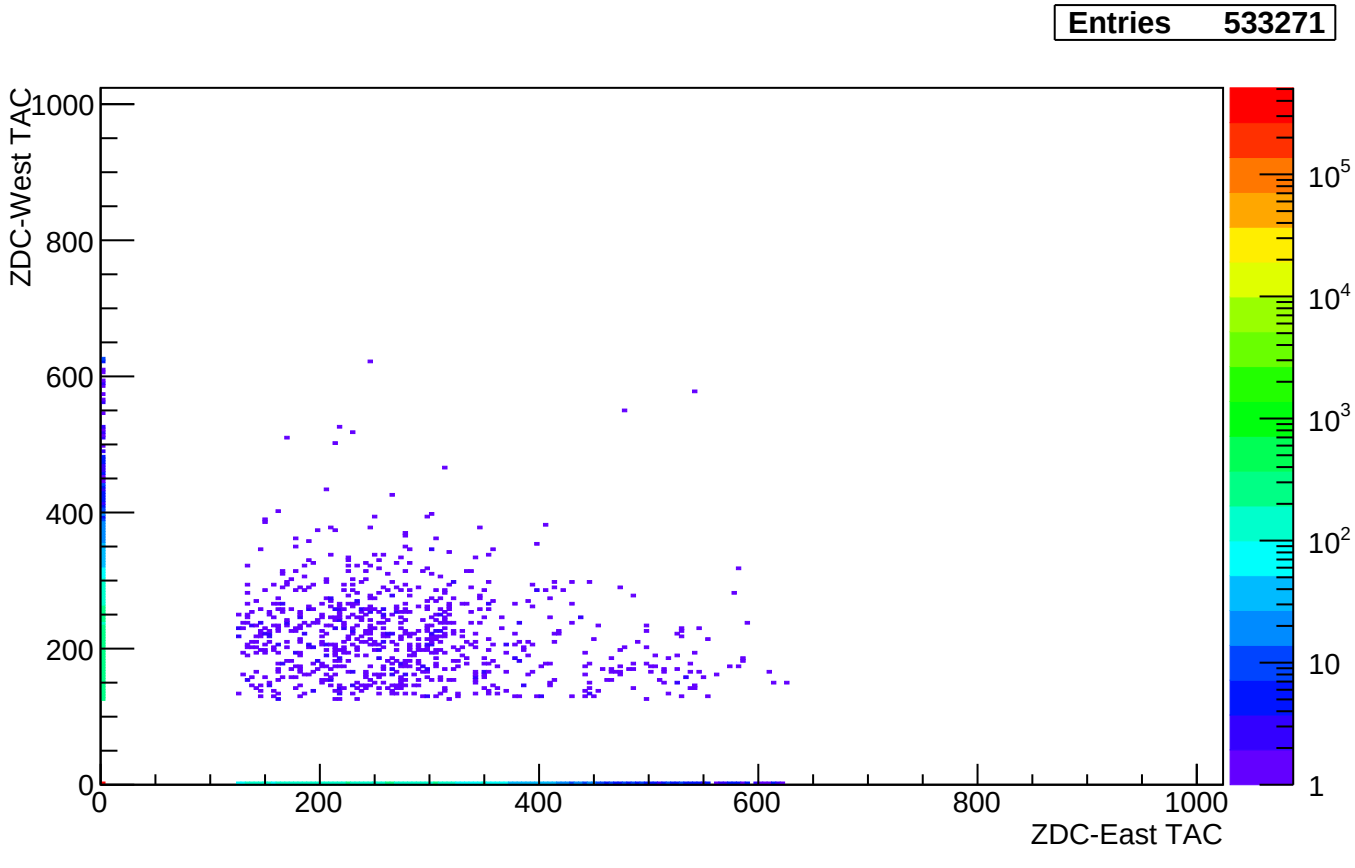

Entries 533271
TOF-Mult
VPD-East ADC Sum

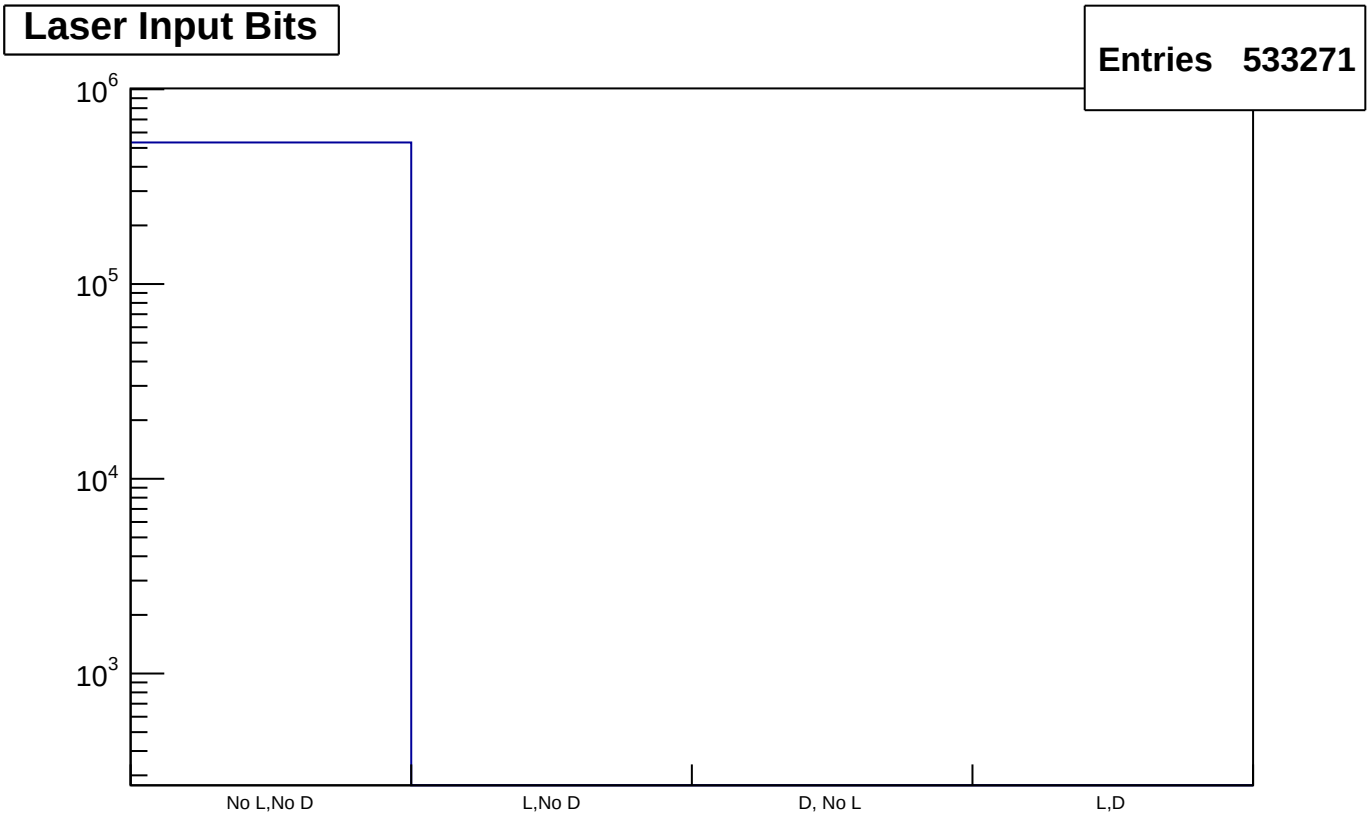

Entries 533271
TOF-Mult
VPD-West ADC Sum

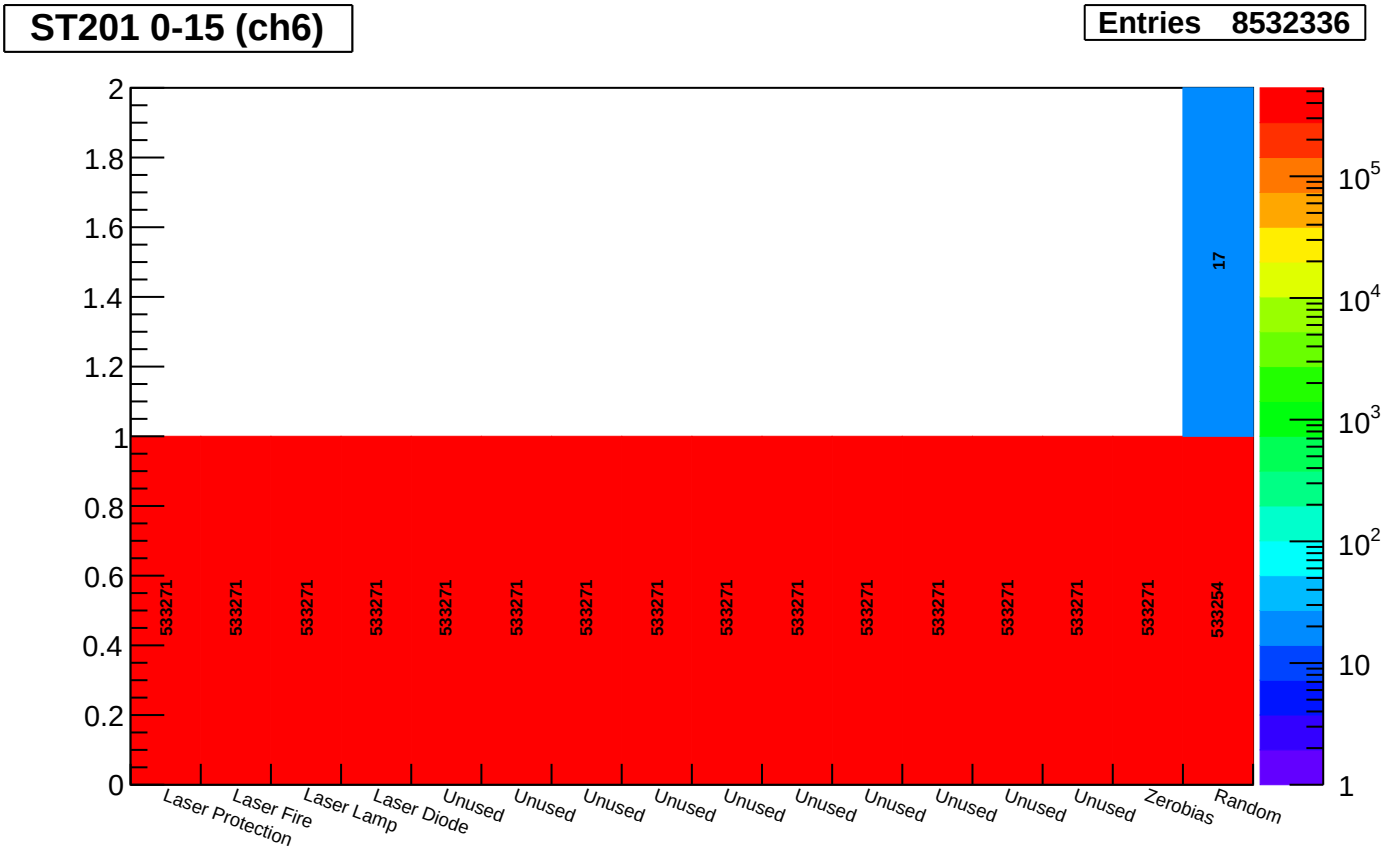

Entries 533271
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

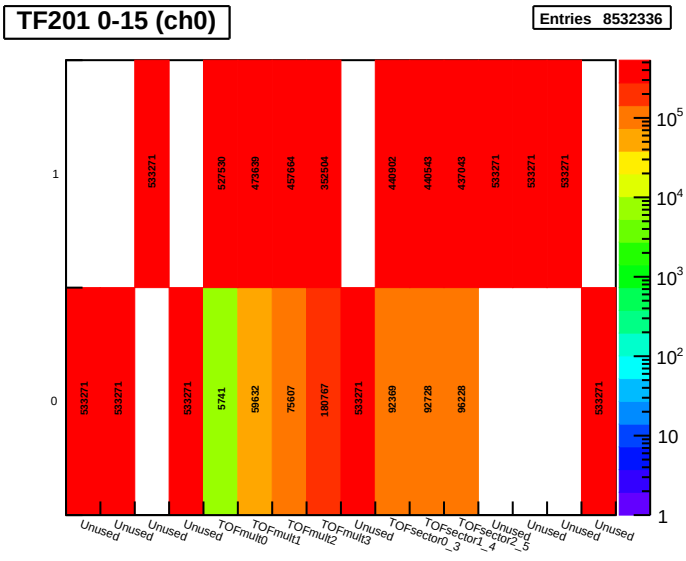

Entries 533271
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

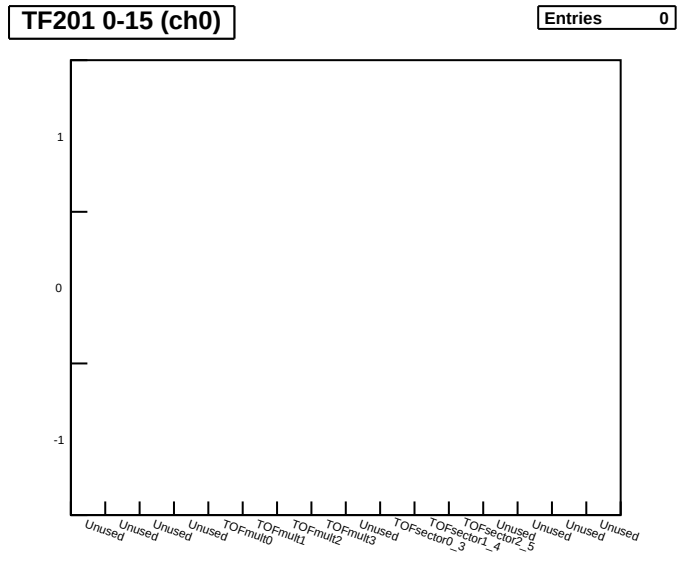

Entries 533271
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

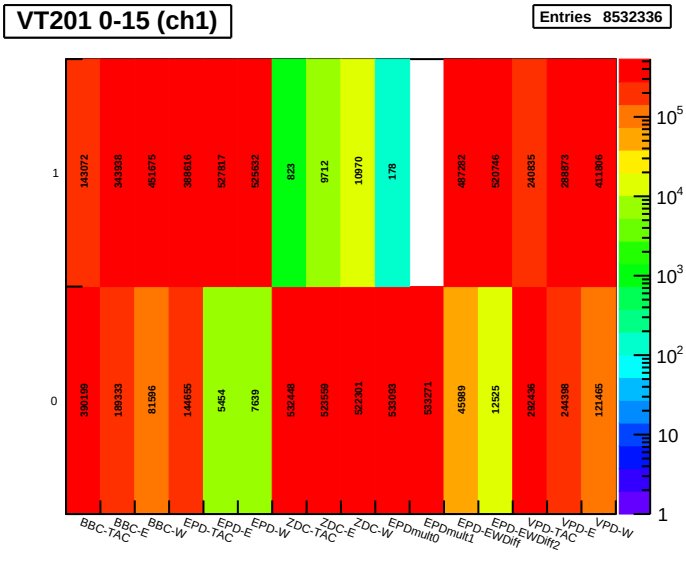

Entries 533271
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

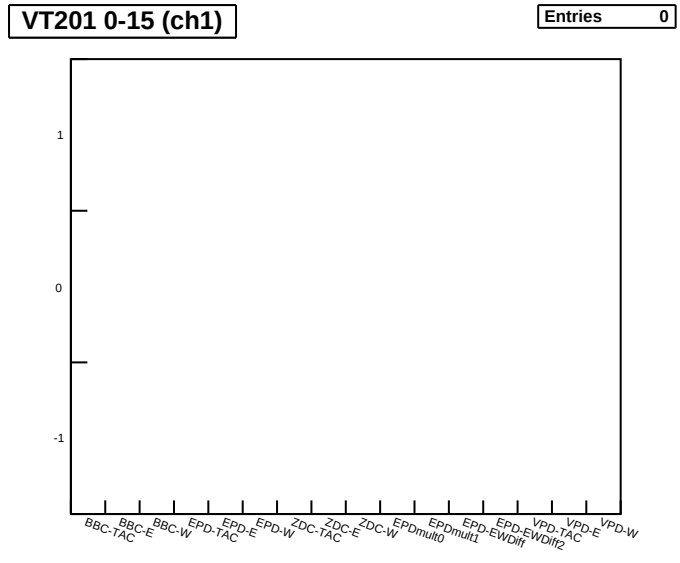

Laser Input Bits
Entries 533271
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

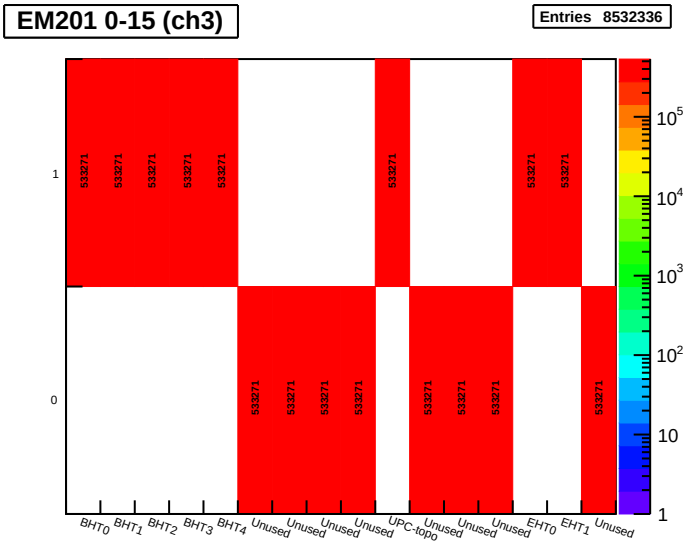

ST201 0-15 (ch6)
Entries 8532336
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
17
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533254
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

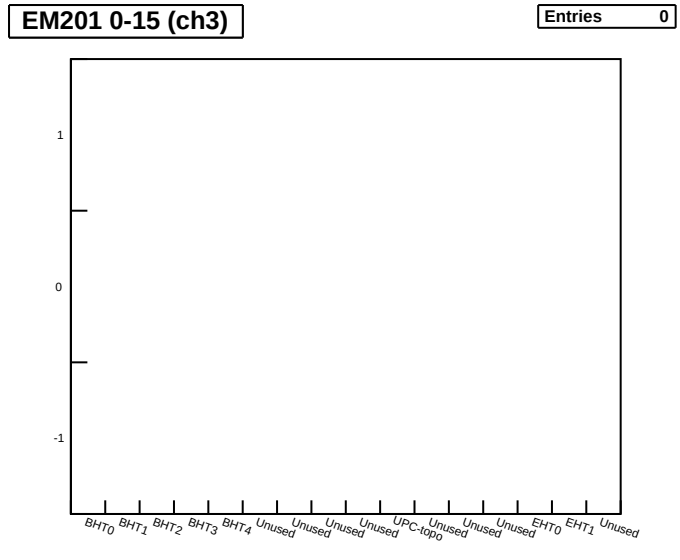

TF201 0-15 (ch0)
Entries 8532336
1
0
533271
527530
473639
457664
352904
440902
440543
437043
533271
533271
533271
533271
533271
533271
5741
59632
75607
180767
92369
92728
96228
533271
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8532336
1
0
143072
343938
451675
388616
527817
525632
823
9712
10970
178
487262
520746
240835
288873
411806
390199
188333
81596
144655
5464
7639
532448
523559
522301
533093
533271
45989
12525
292436
244398
121465
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 8532336
1
0
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
533271
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