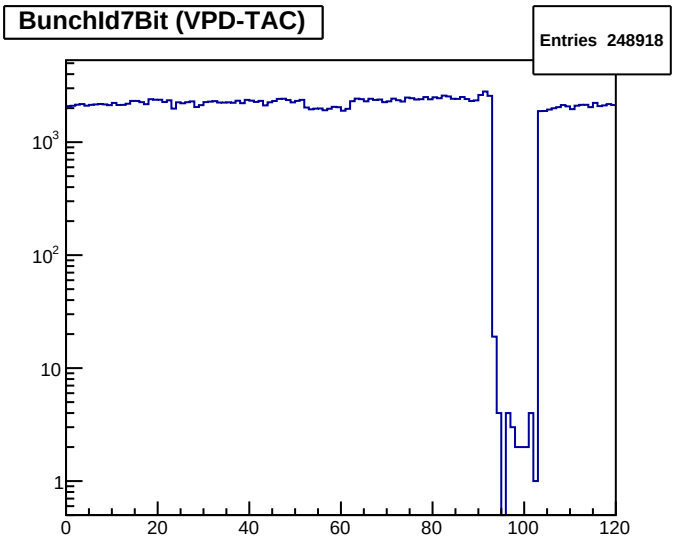
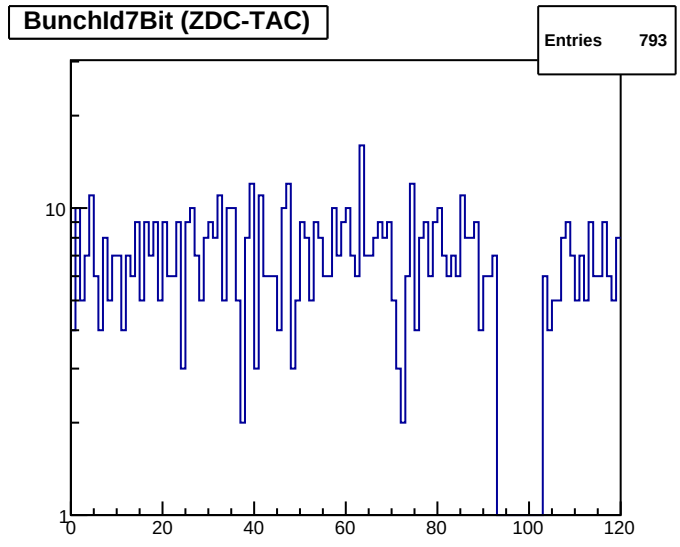
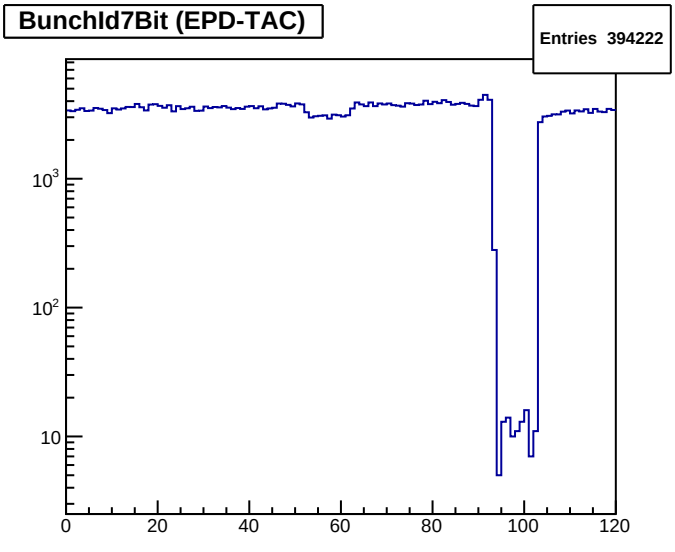
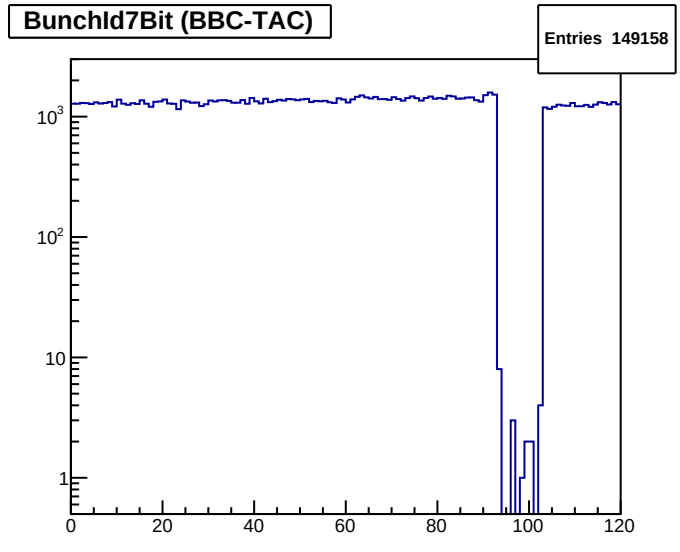
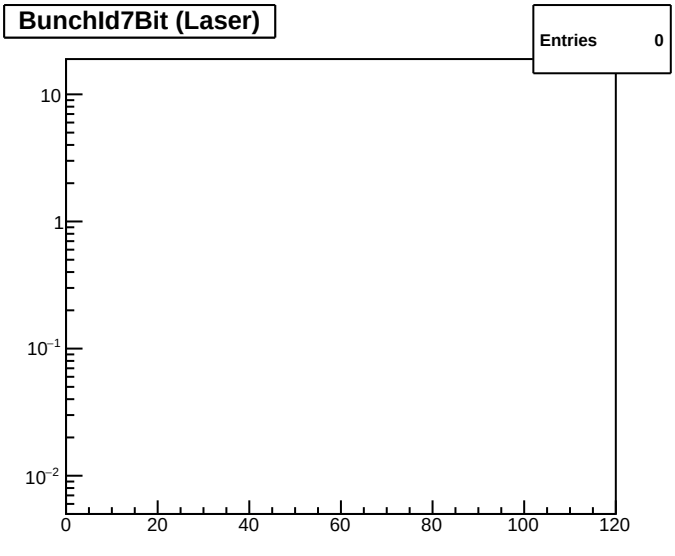
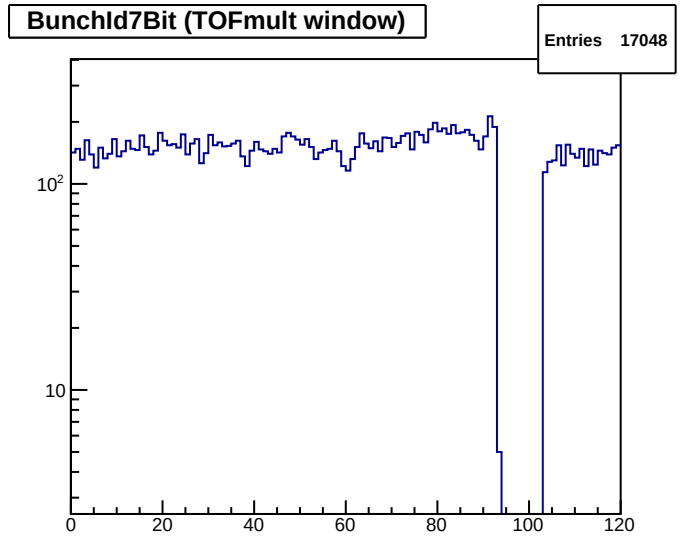

BunchId7Bit (VPD-TAC)
Entries 248918

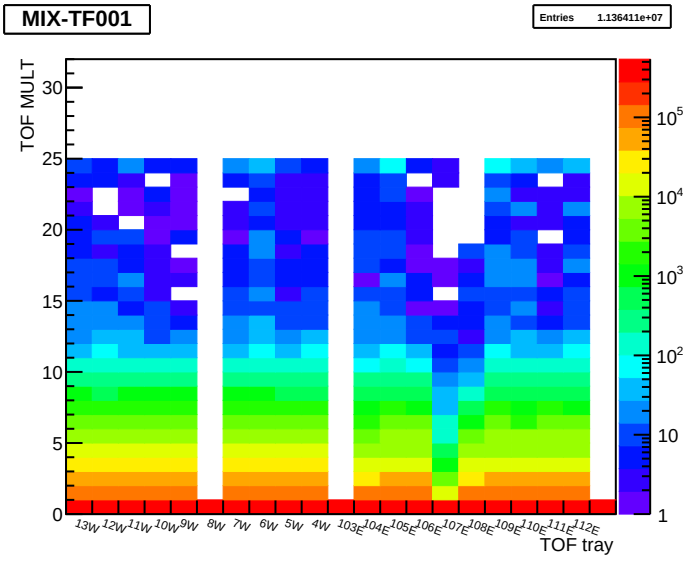

BunchId7Bit (ZDC-TAC)
Entries 793

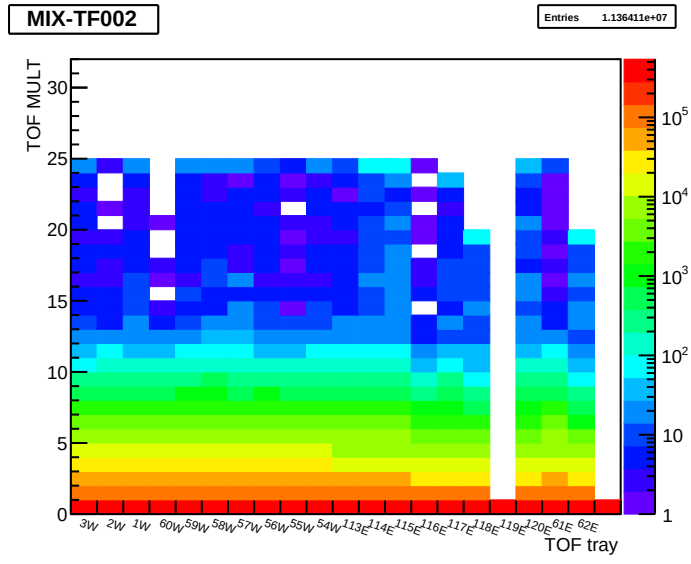

BunchId7Bit (EPD-TAC)
Entries 394222

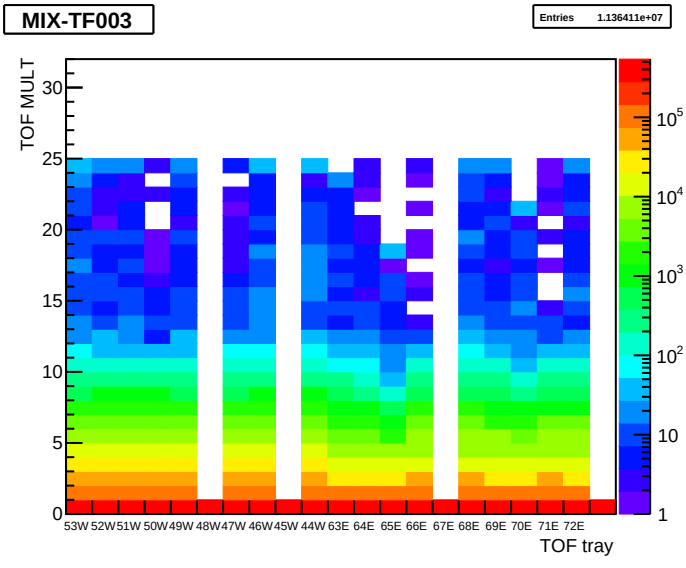

BunchId7Bit (BBC-TAC)
Entries 149158

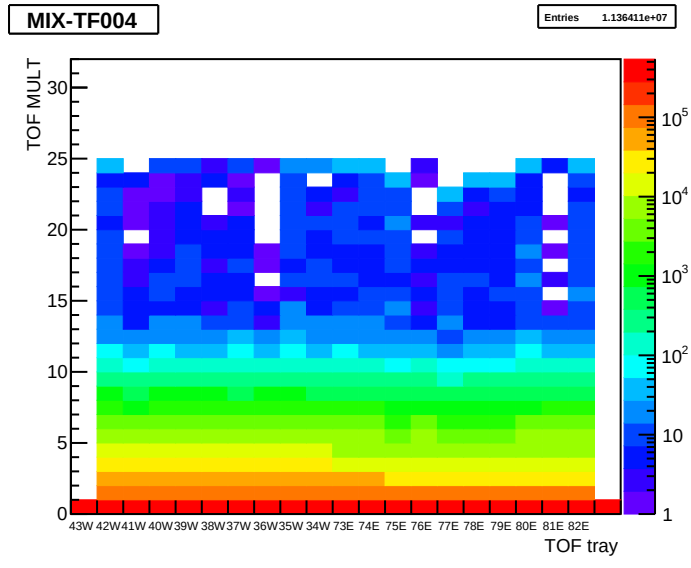

BunchId7Bit (Laser)
Entries 0

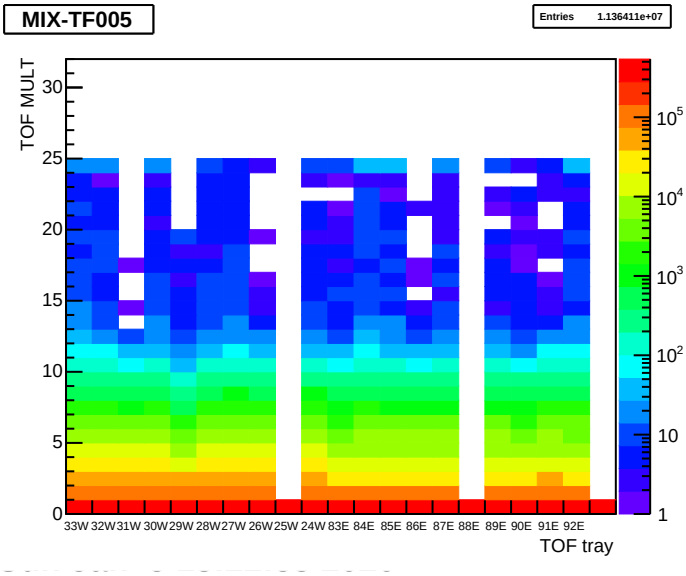

BunchId7Bit (TOFmult window)
Entries 17048

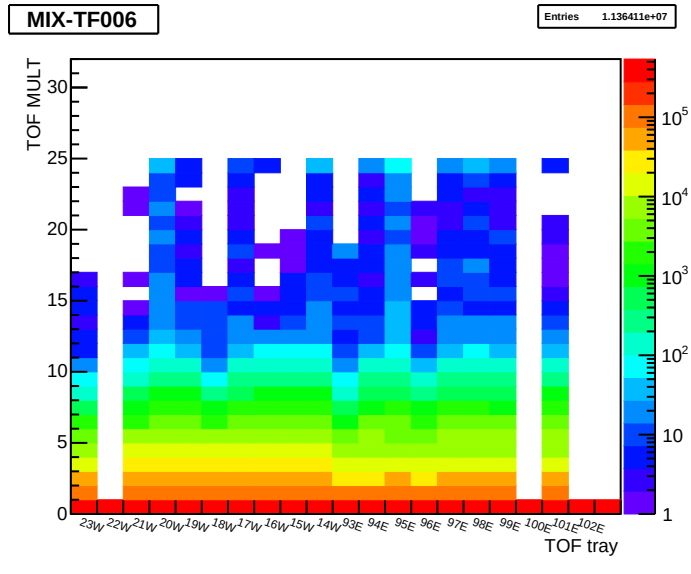

MIX-TF001
Entries 1.136411e+07
TOF MULT
TOF tray

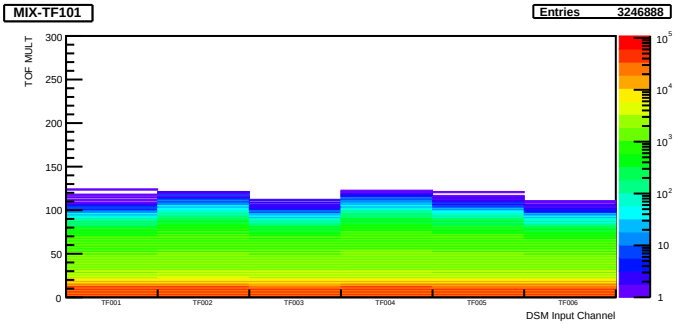

MIX-TF002
Entries 1.136411e+07
TOF MULT
TOF tray

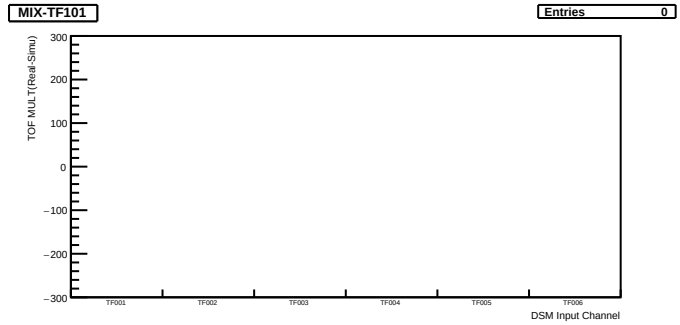

MIX-TF003
Entries 1.136411e+07
TOF MULT
TOF tray

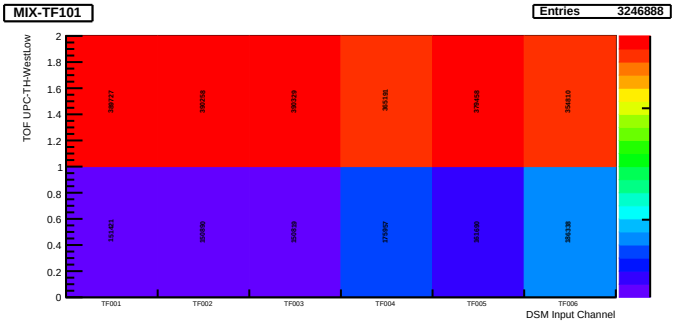

MIX-TF004
Entries 1.136411e+07
TOF MULT
TOF tray

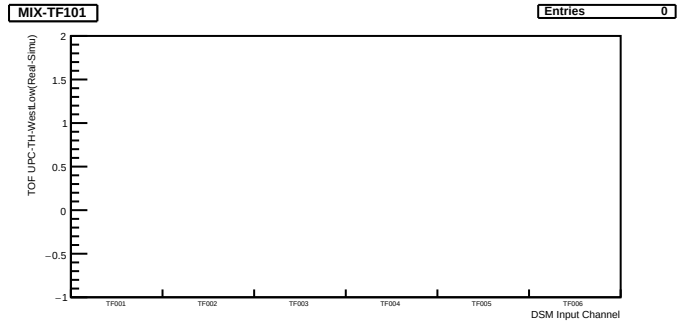

MIX-TF005
Entries 1.136411e+07
TOF MULT
TOF tray

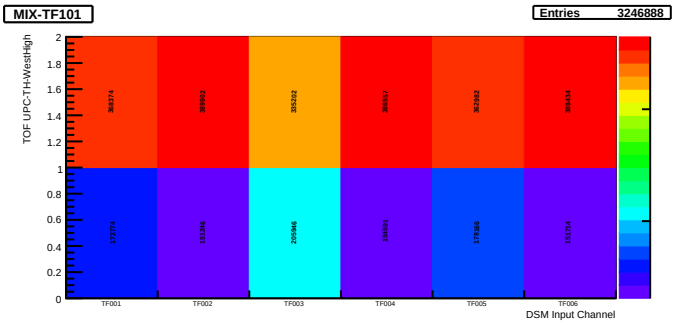

MIX-TF006
Entries 1.136411e+07
TOF MULT
TOF tray

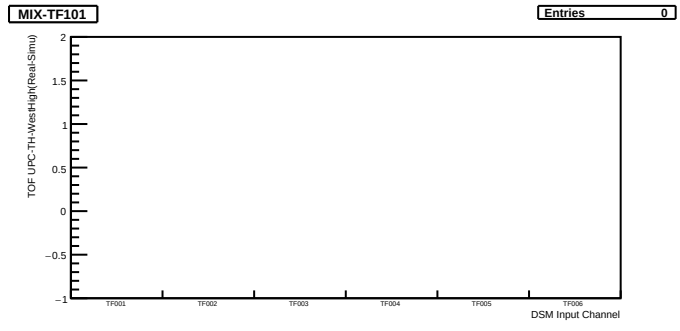

MIX-TF101
Entries 3246888
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

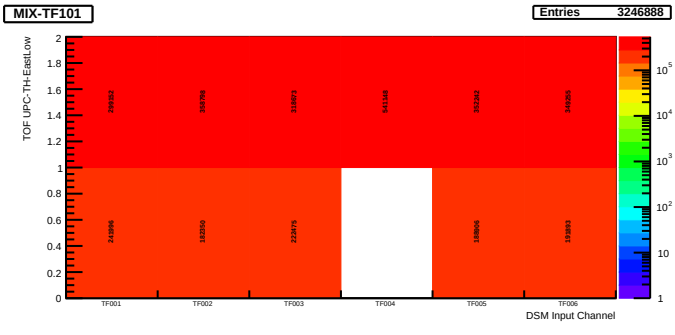

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

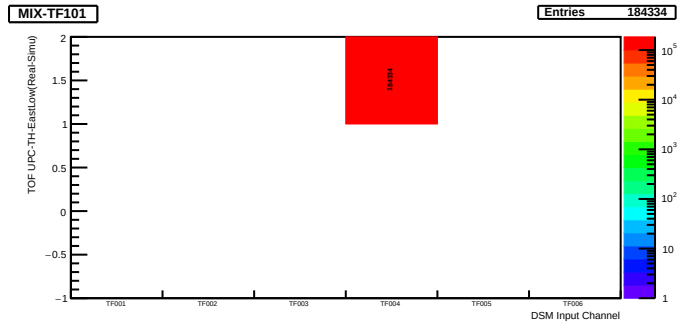

MIX-TF101
Entries 3246888
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

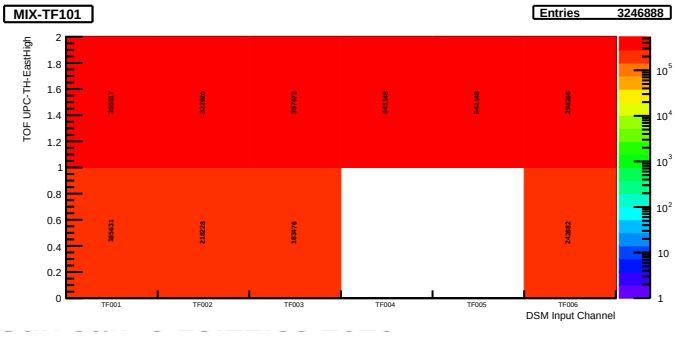

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

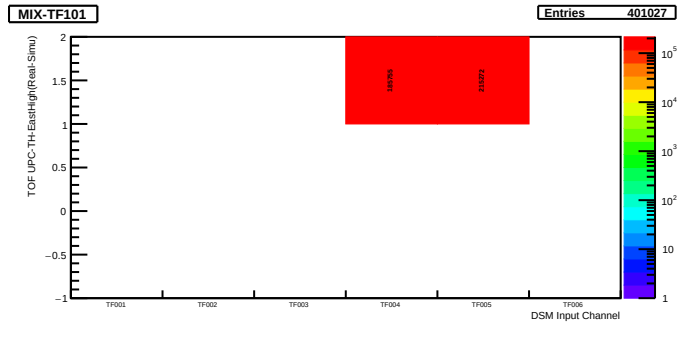

MIX-TF101
Entries 3246888
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

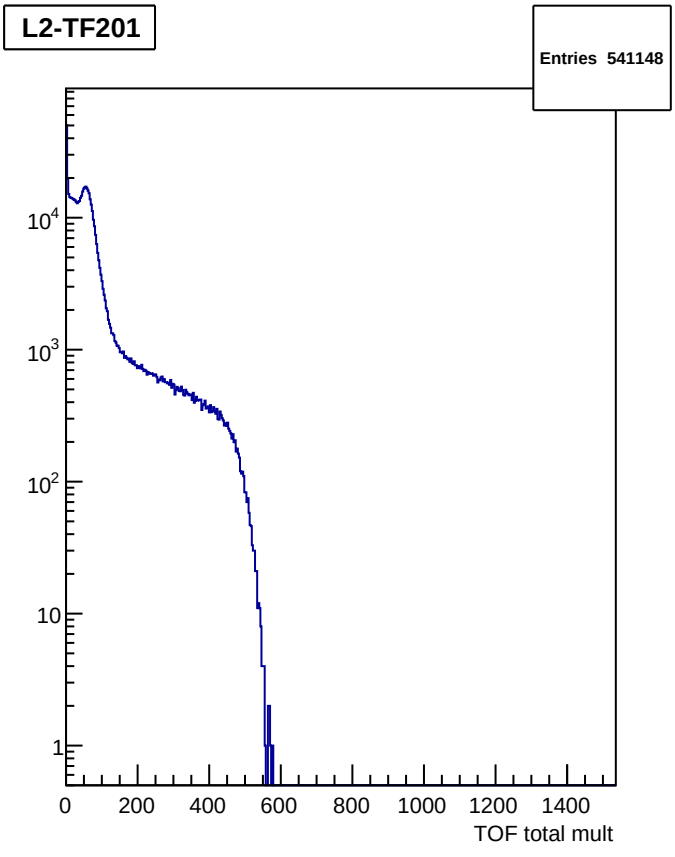

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

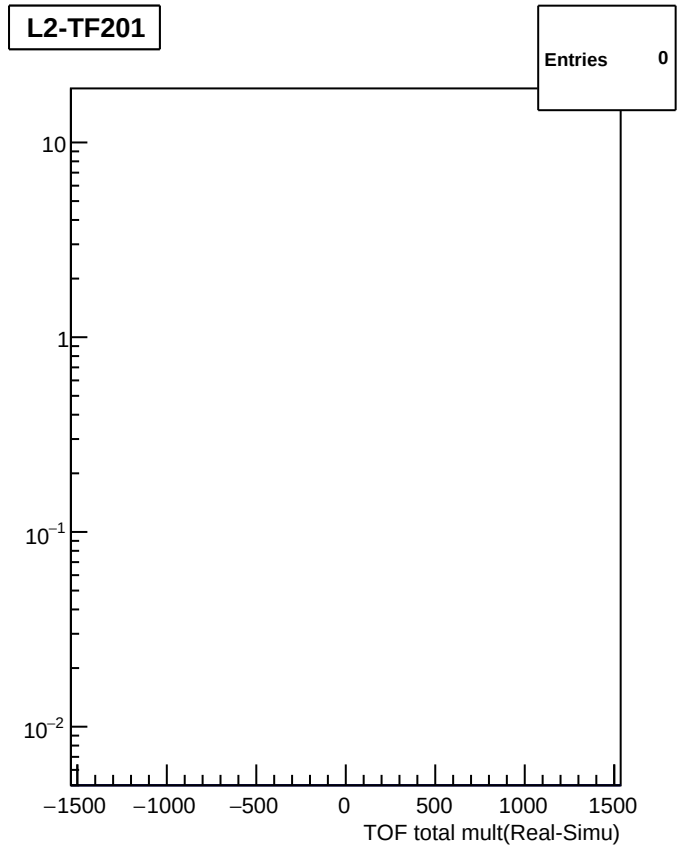

MIX-TF101
Entries 3246888
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

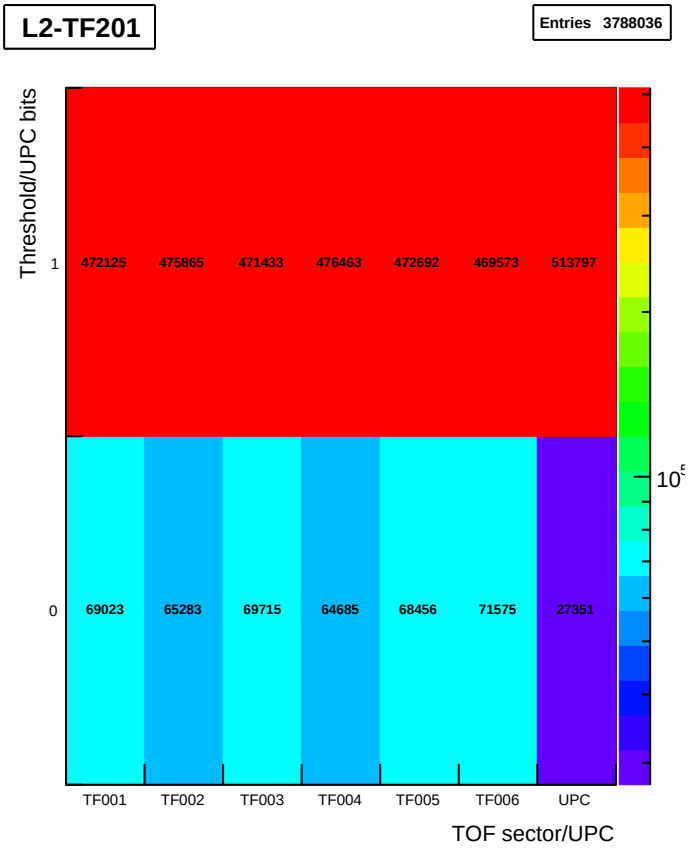

MIX-TF101
Entries 184334
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

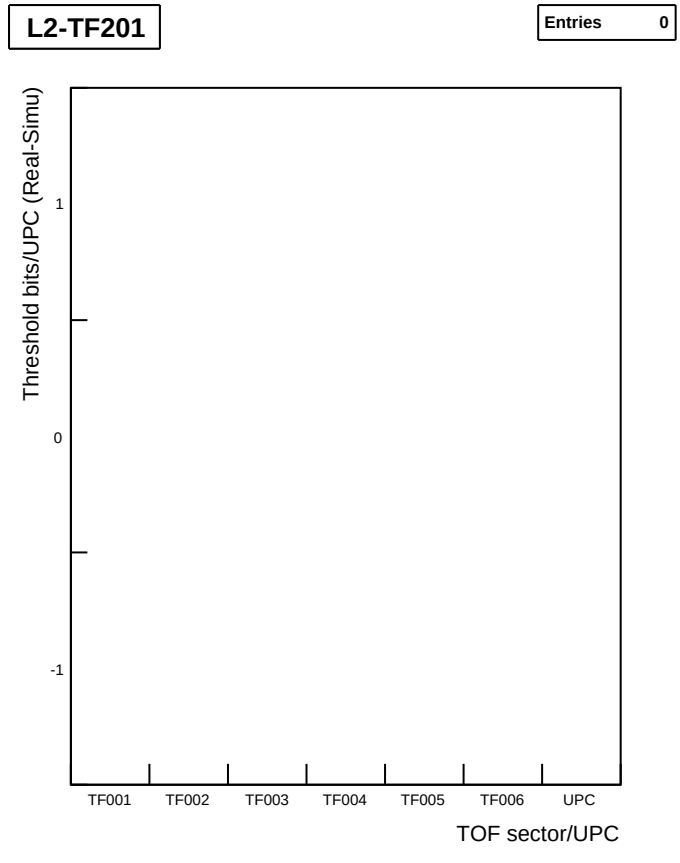

MIX-TF101
Entries 3246888
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

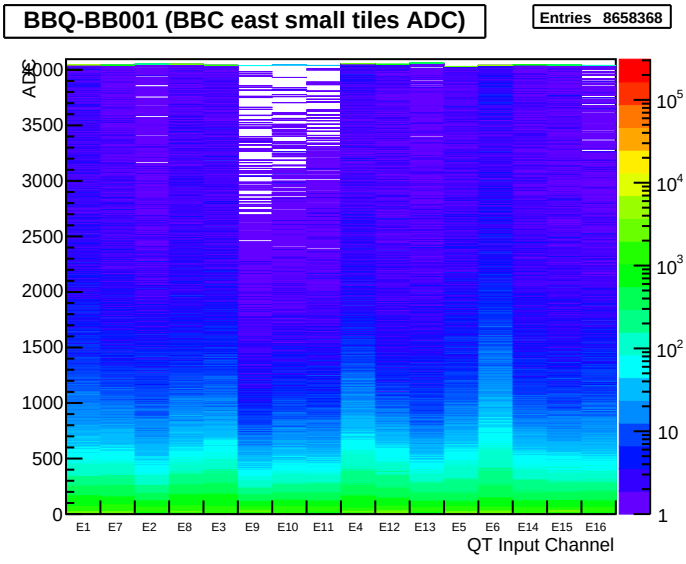

MIX-TF101
Entries 401027
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

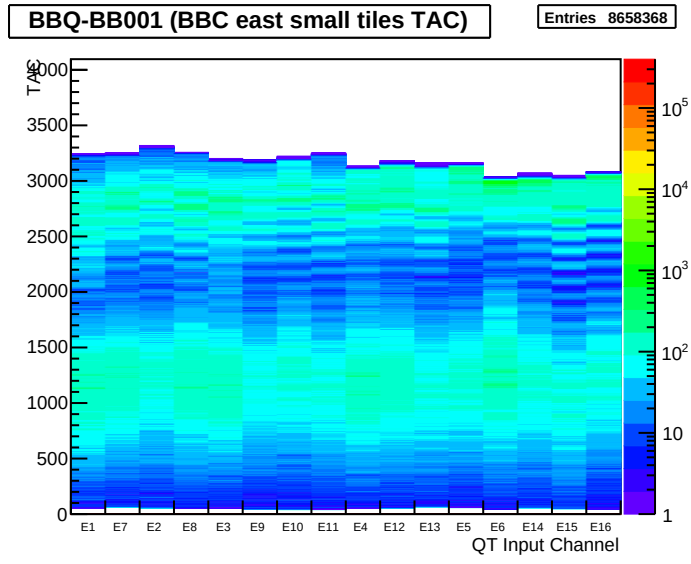

L2-TF201
Entries 541148
TOF total mult

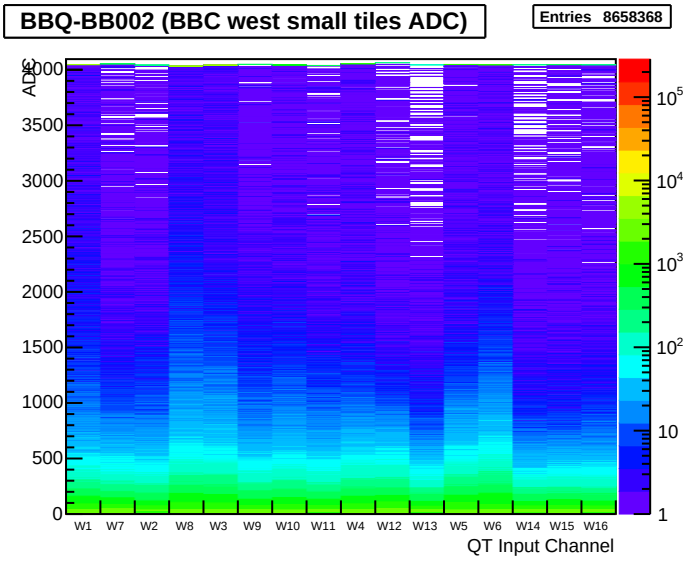

L2-TF201
Entries 0
TOF total mult(Real-Simu)

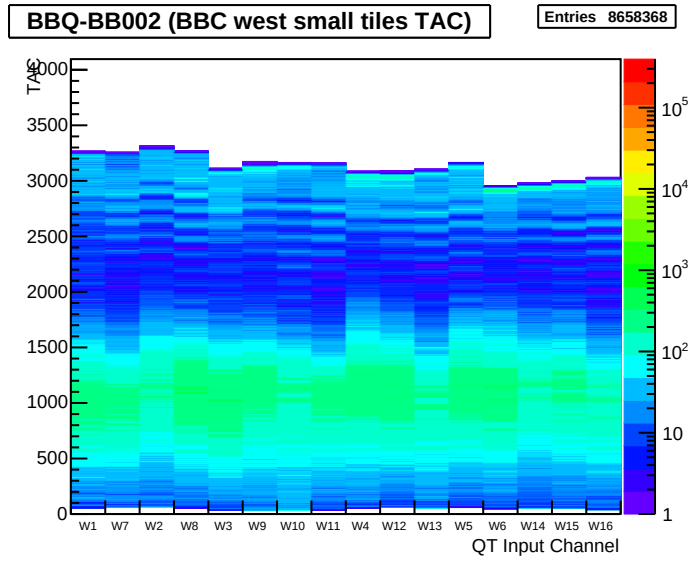

L2-TF201
Entries 3788036
Threshold/UPC bits
472125
475865
471433
476463
472692
469573
513797
69023
65283
69715
64685
68456
71575
27351
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

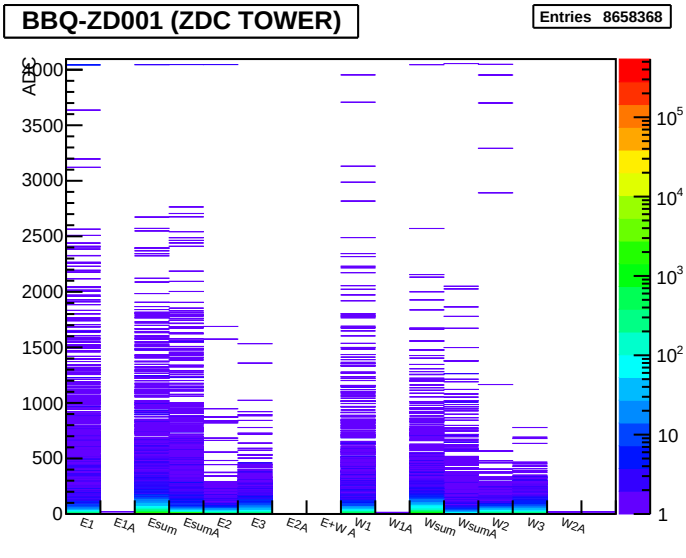

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

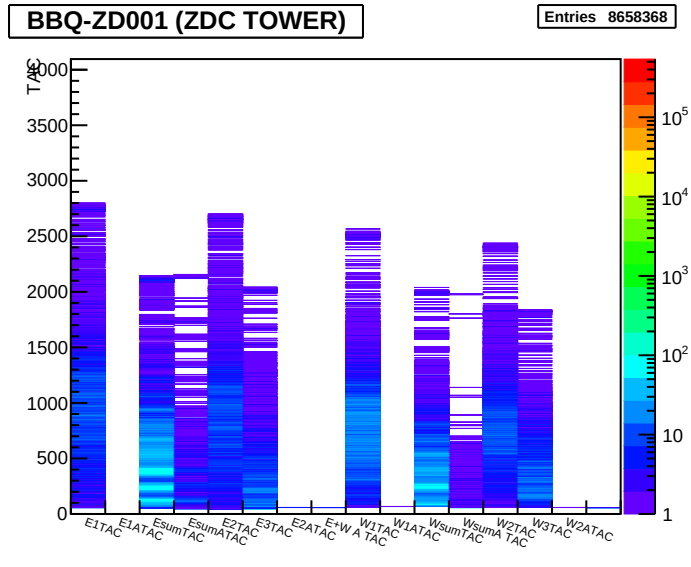

BBQ-BB001 (BBC east small tiles ADC)
Entries 8658368
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

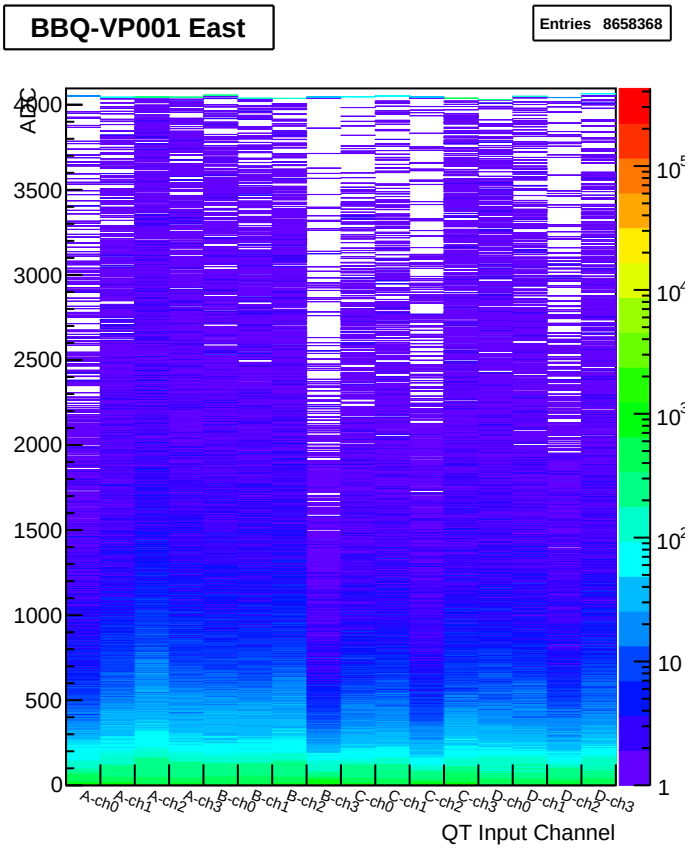

BBQ-BB001 (BBC east small tiles TAC)
Entries 8658368
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

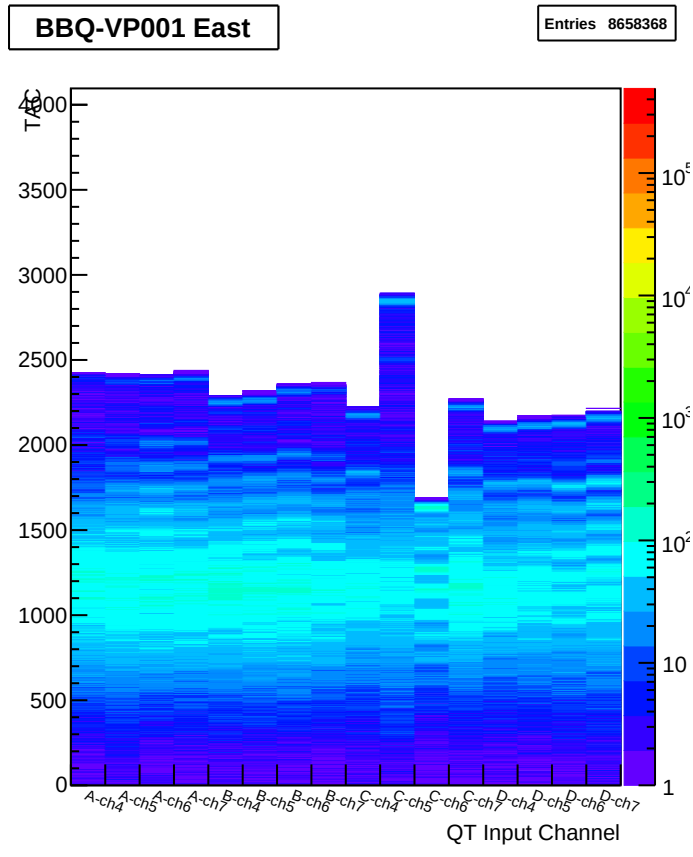

BBQ-BB002 (BBC west small tiles ADC)
Entries 8658368
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

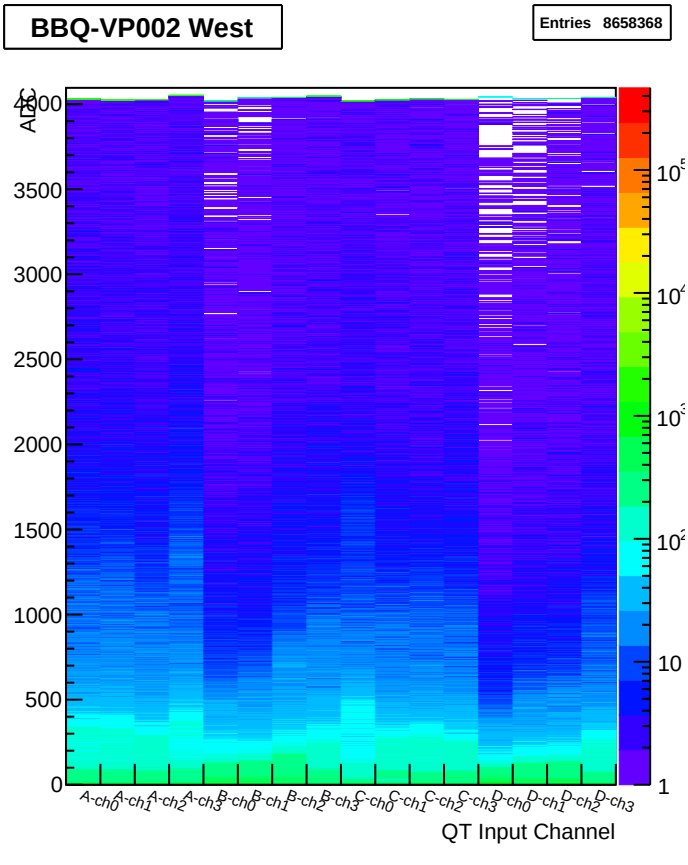

BBQ-BB002 (BBC west small tiles TAC)
Entries 8658368
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

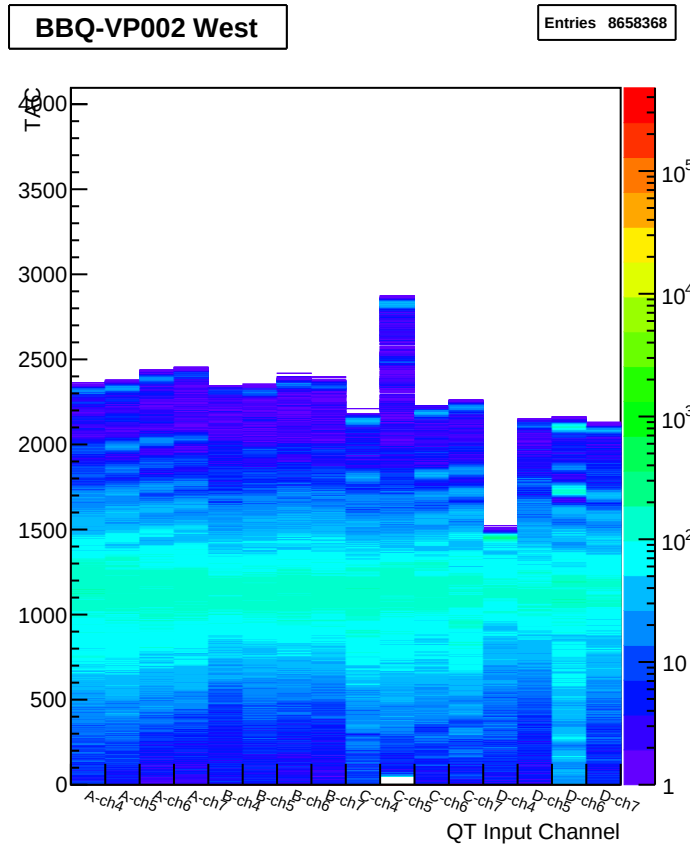

BBQ-ZD001 (ZDC TOWER)
Entries 8658368
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

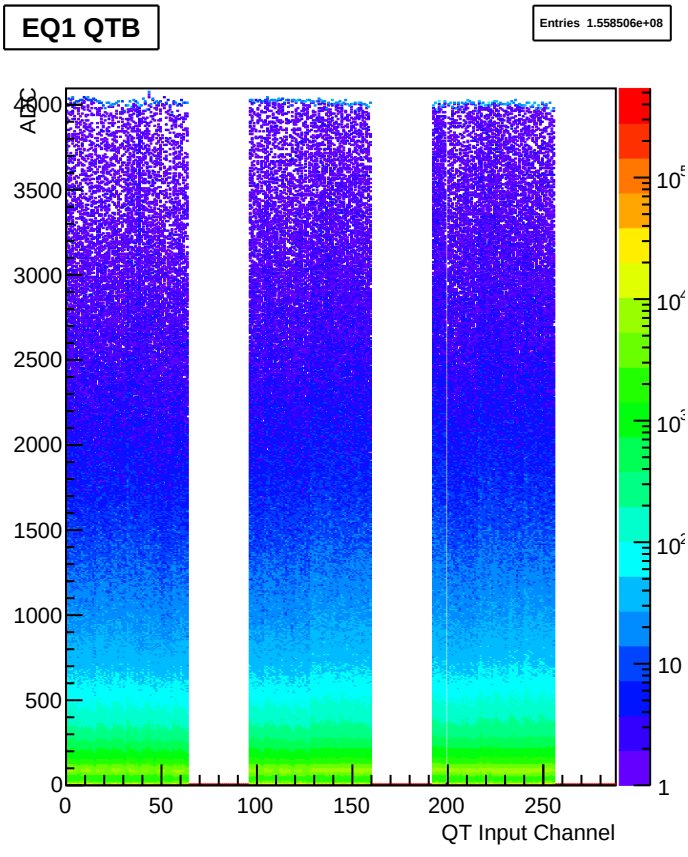

BBQ-ZD001 (ZDC TOWER)
Entries 8658368
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

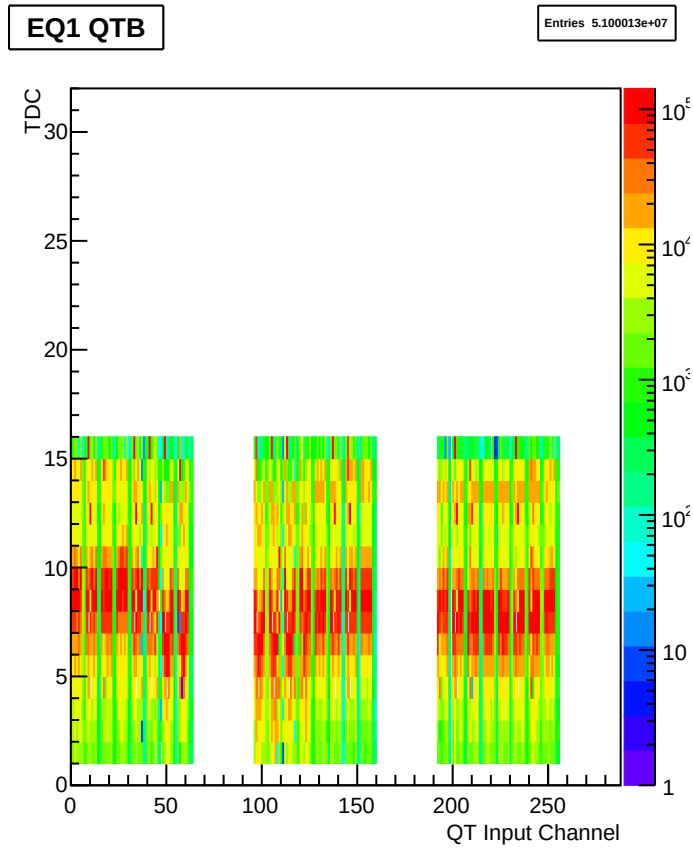

BBQ-VP001 East
Entries 8658368
ADC
QT Input Channel

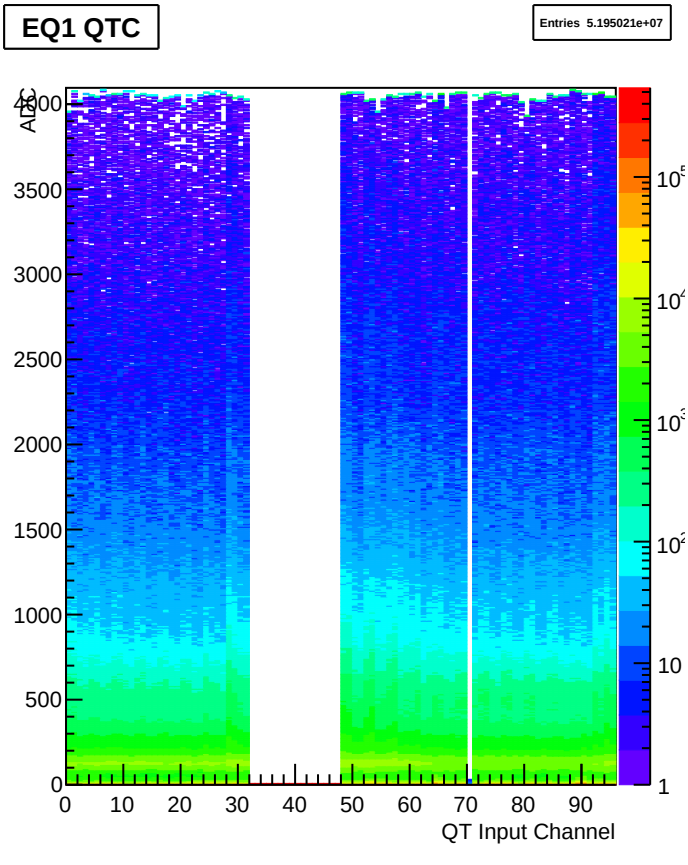

BBQ-VP001 East
Entries 8658368
TADC
QT Input Channel

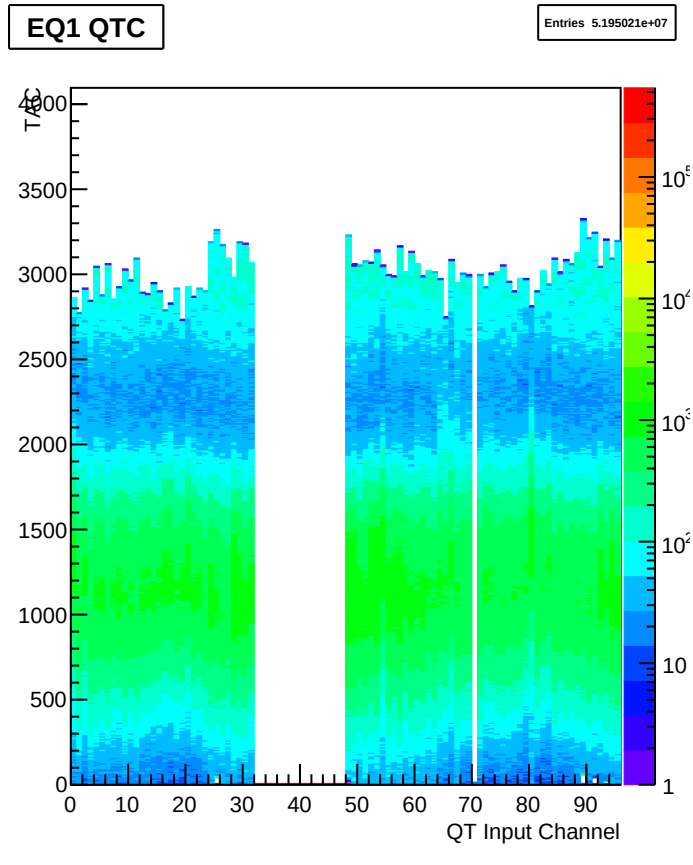

BBQ-VP002 West
Entries 8658368
ADC
QT Input Channel

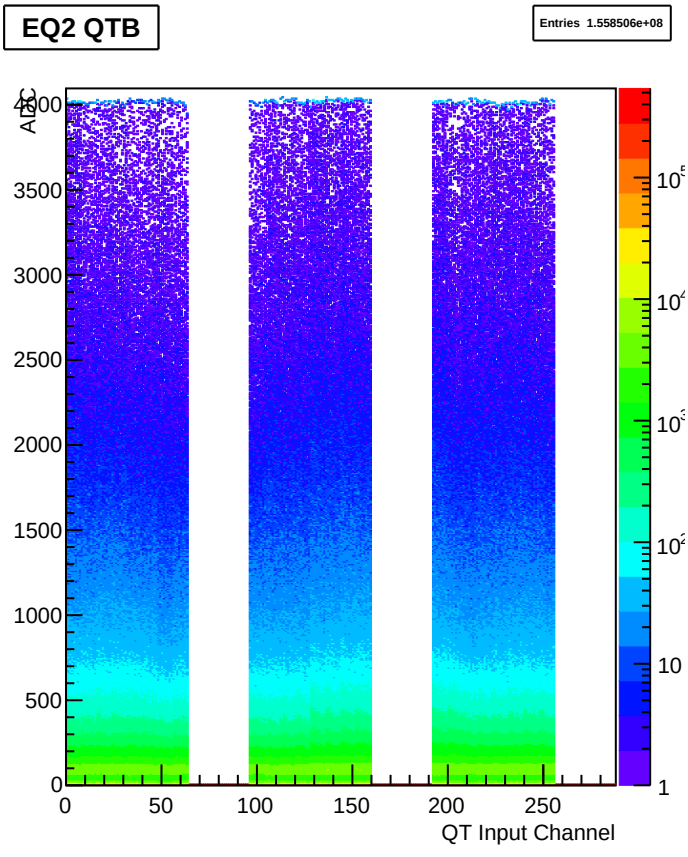

BBQ-VP002 West
Entries 8658368
TADC
QT Input Channel

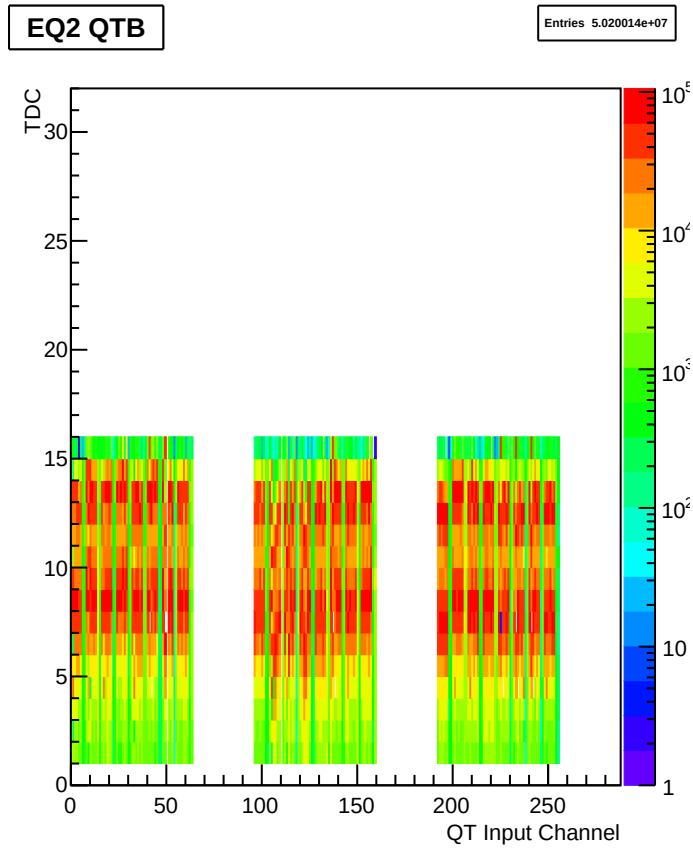

EQ1 QTB
Entries 1.558506e+08
ADC
QT Input Channel

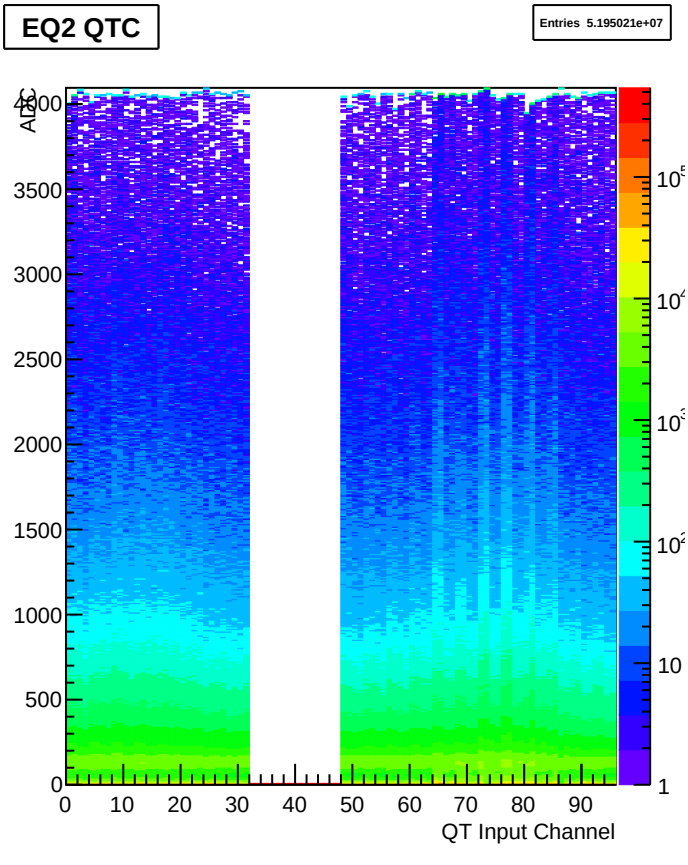

EQ1 QTB
Entries 5.100013e+07
TDC
QT Input Channel

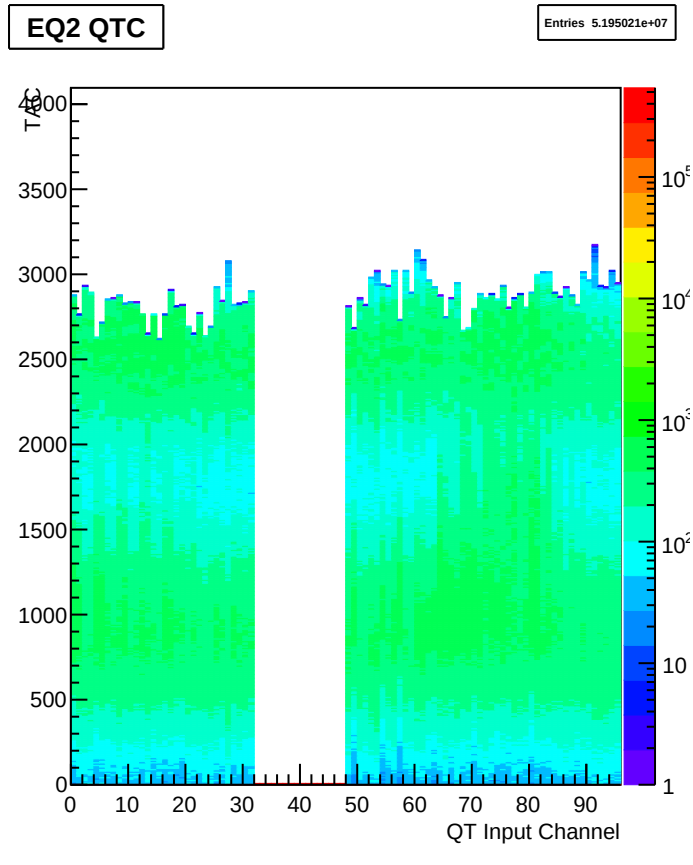

EQ1 QTC
Entries 5.195021e+07
ADC
QT Input Channel

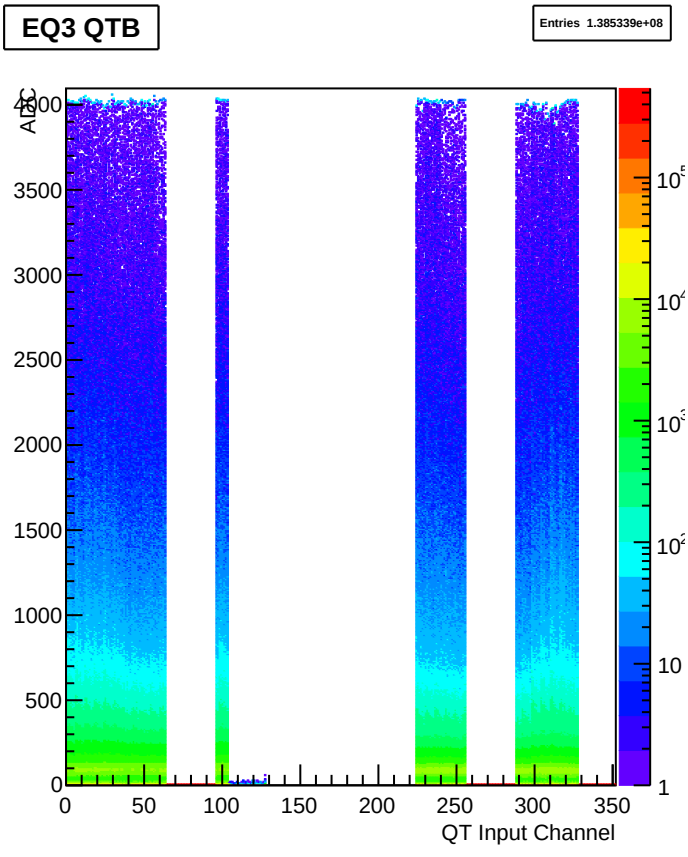

EQ1 QTC
Entries 5.195021e+07
TADC
QT Input Channel

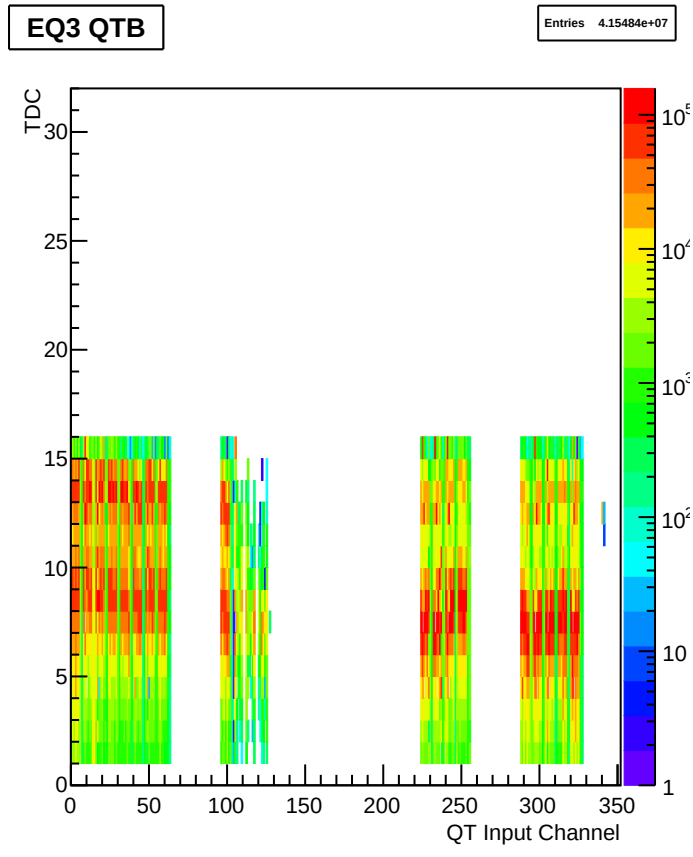

EQ2 QTB
Entries 1.558506e+08
ADC
QT Input Channel

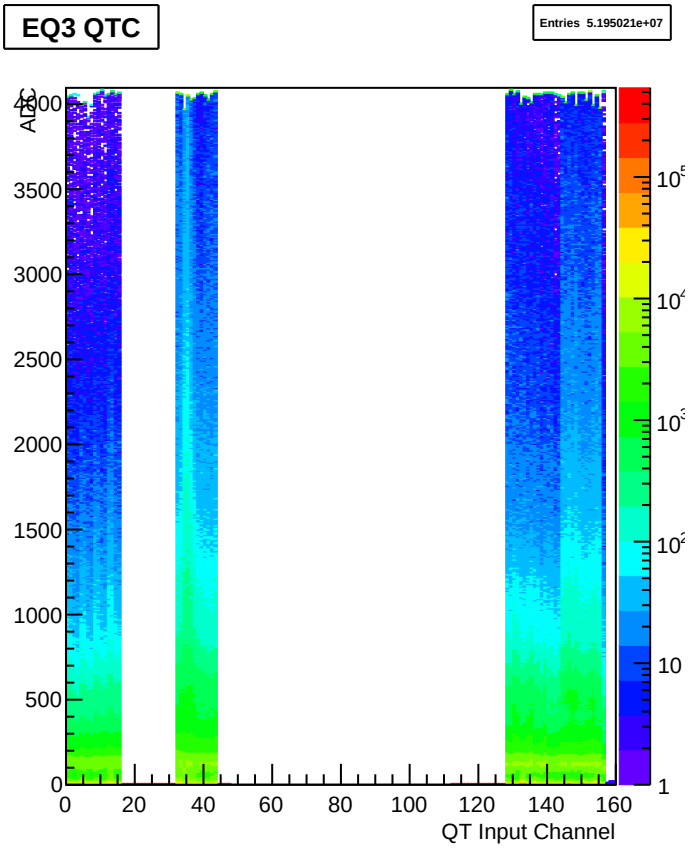

EQ2 QTB
Entries 5.020014e+07
TDC
QT Input Channel

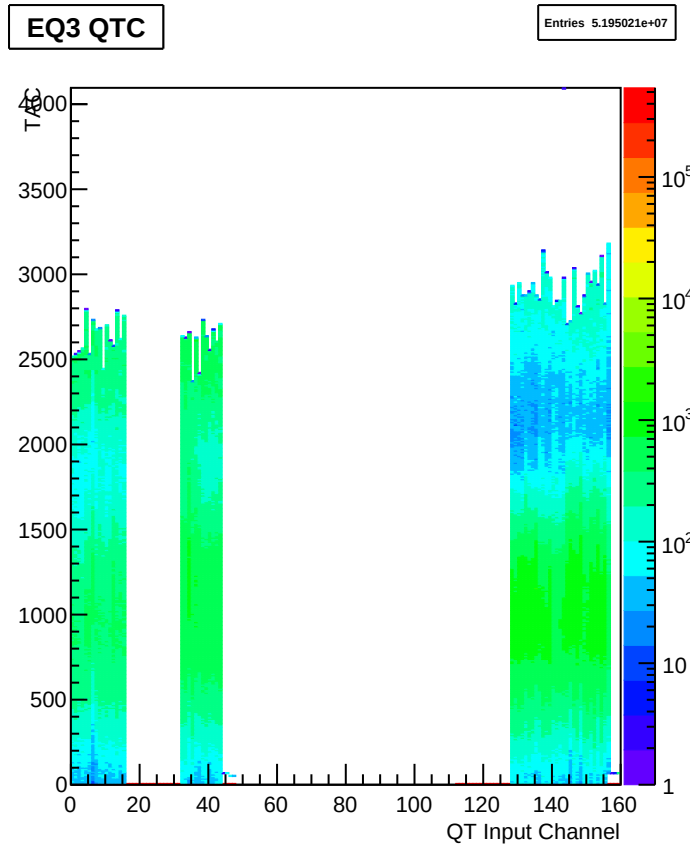

EQ2 QTC
Entries 5.195021e+07
ADC
QT Input Channel

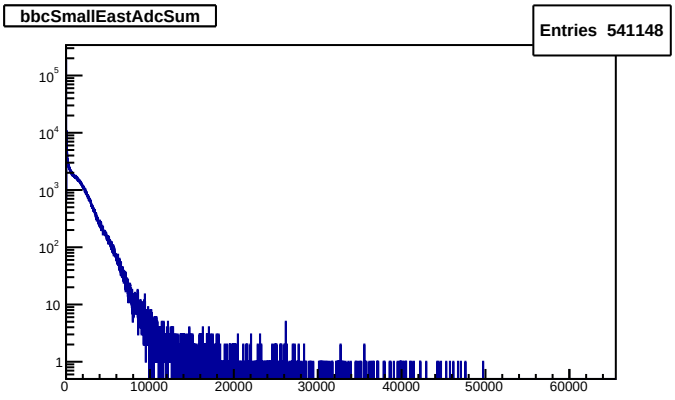

EQ2 QTC
Entries 5.195021e+07
TADC
QT Input Channel

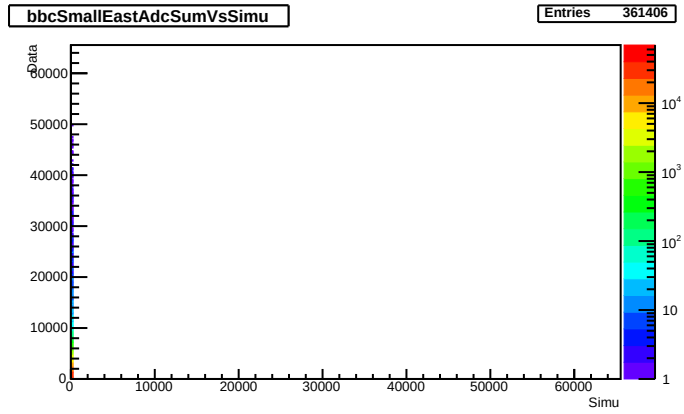

EQ3 QTB
Entries 1.385339e+08
ADC
QT Input Channel

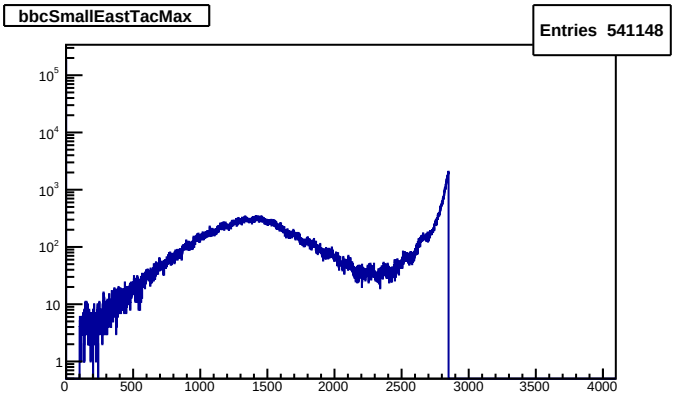

EQ3 QTB
Entries 4.15484e+07
TDC
QT Input Channel

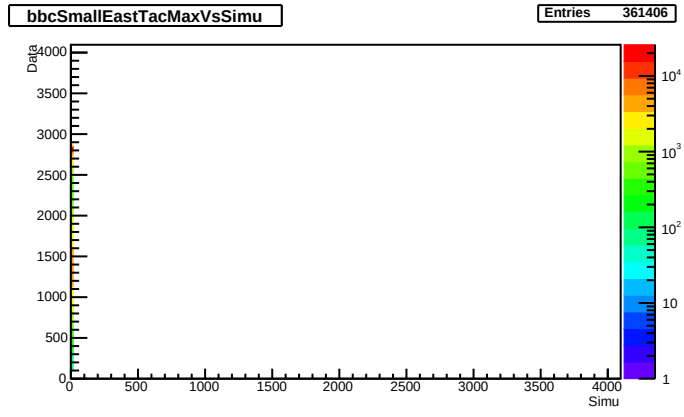

EQ3 QTC
Entries 5.195021e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.195021e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 541148


bbcSmallEastAdcSumVsSimu
Entries 361406
Data
Simu


bbcSmallEastTacMax
Entries 541148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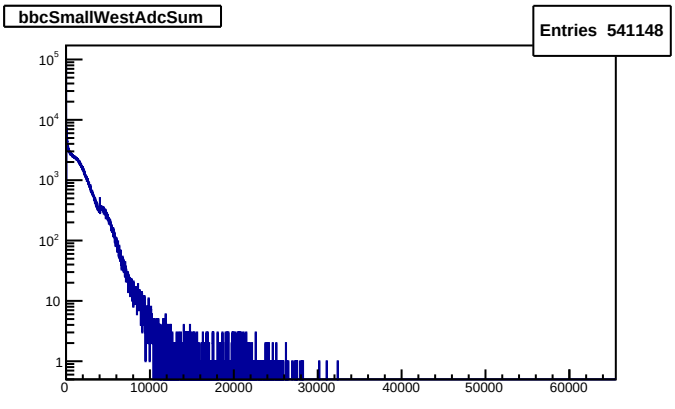
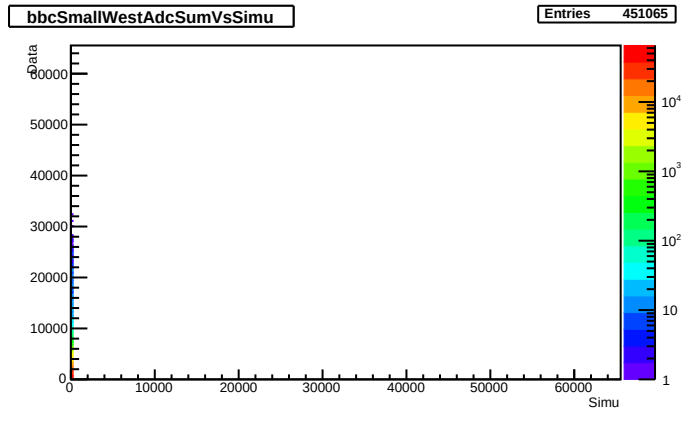
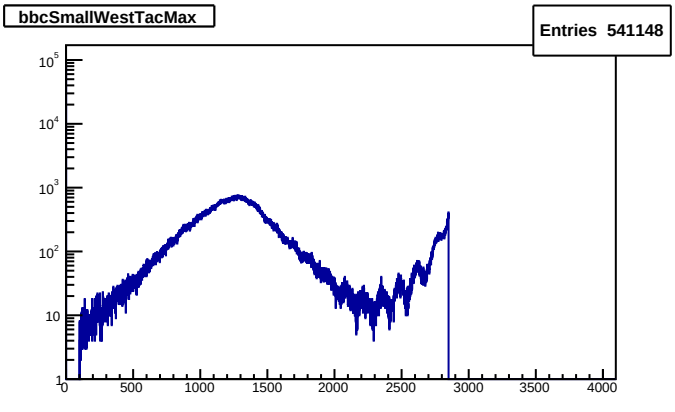
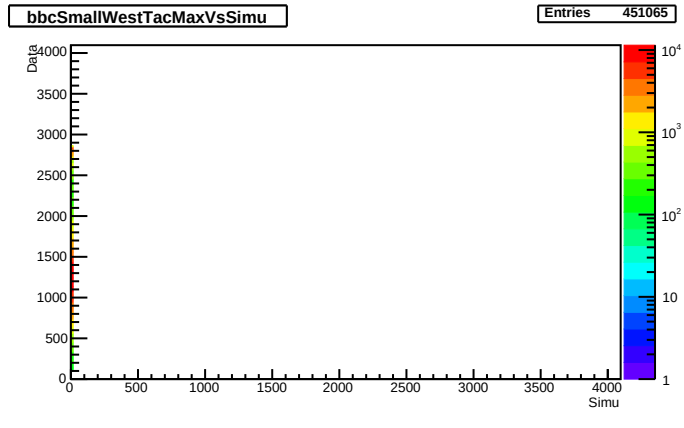
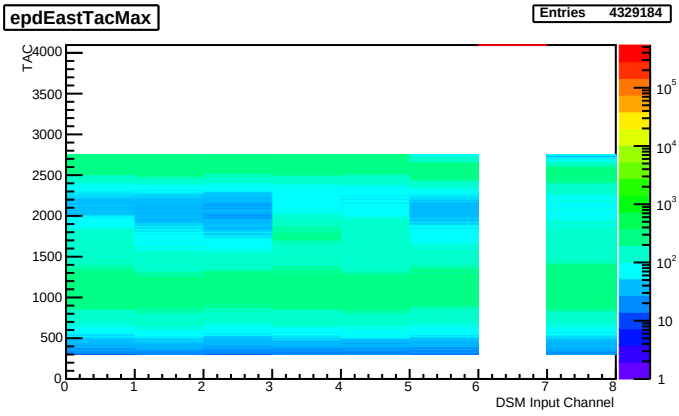
Entries 361406
Data
Simu

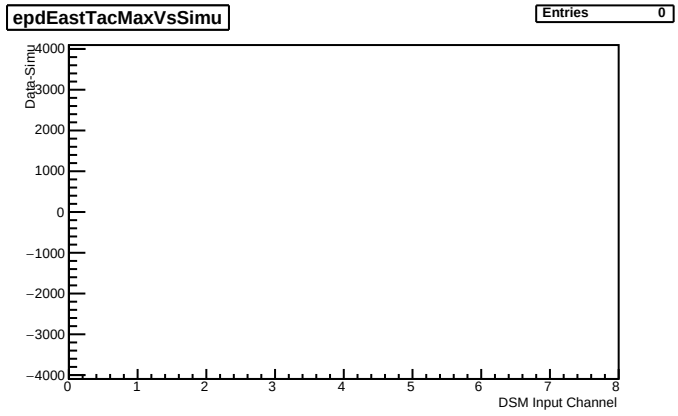

bbcSmallWestAdcSum
Entries 541148

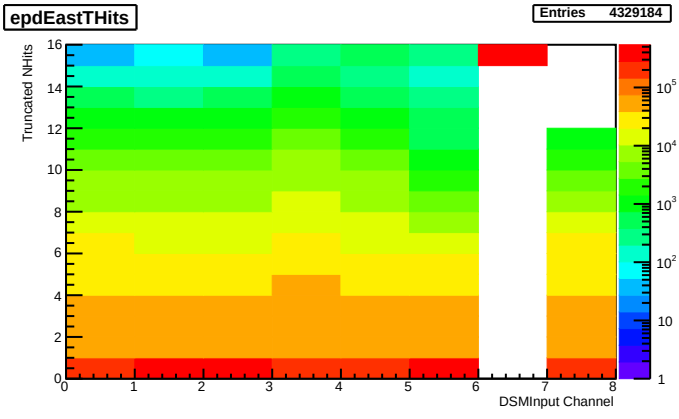

bbcSmallWestAdcSumVsSimu
Entries 451065
Data
Simu

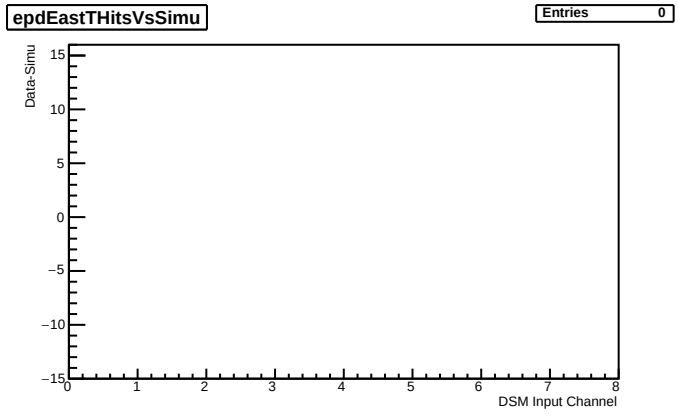

bbcSmallWestTacMax
Entries 541148


bbcSmallWestTacMaxVsSimu
Entries 451065
Data
Simu


epdEastTacMax
Entries 4329184
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4329184
Truncated NHits
DSMInput Channel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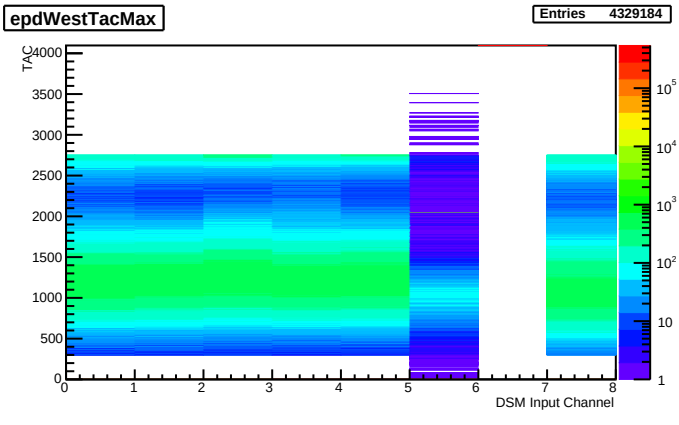
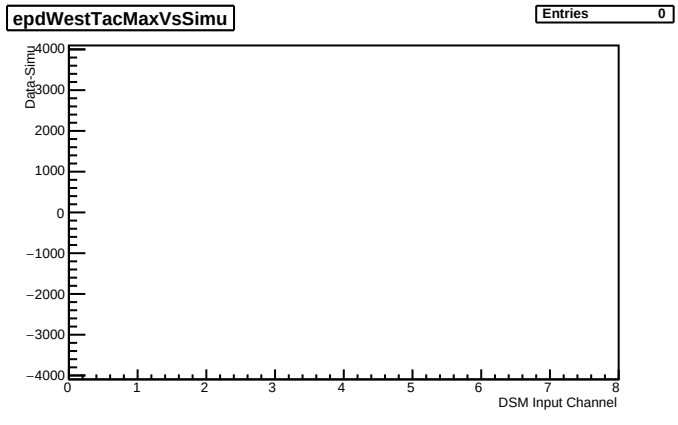
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4329184
TAC
DSM Input Channel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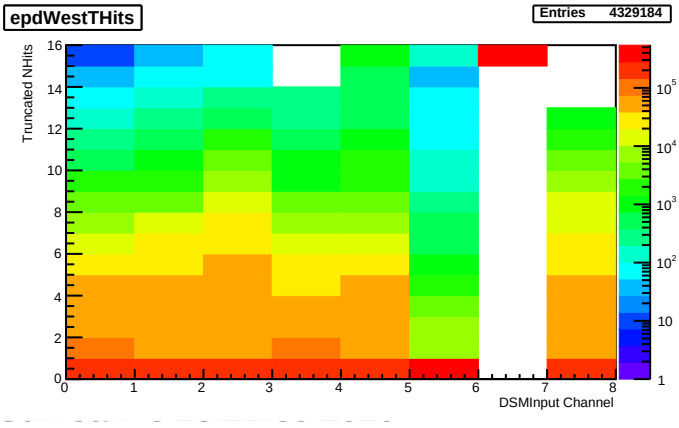
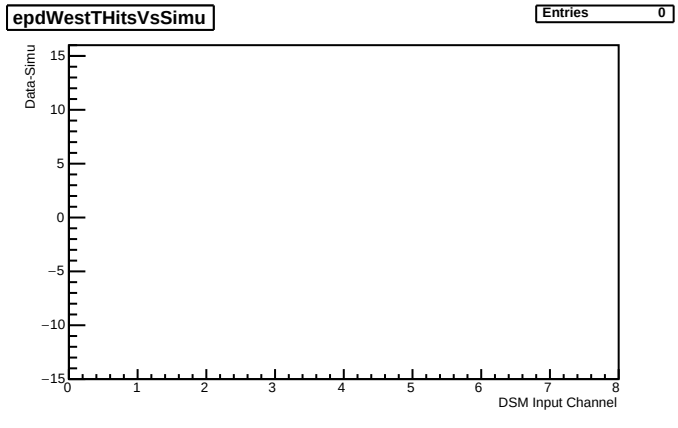
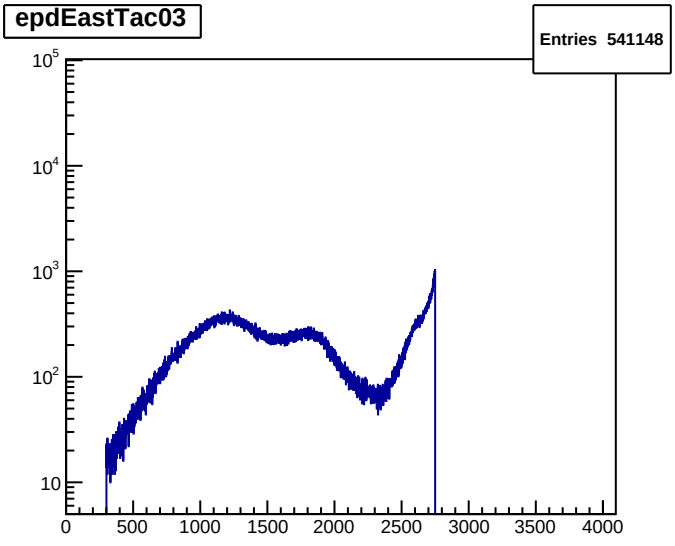
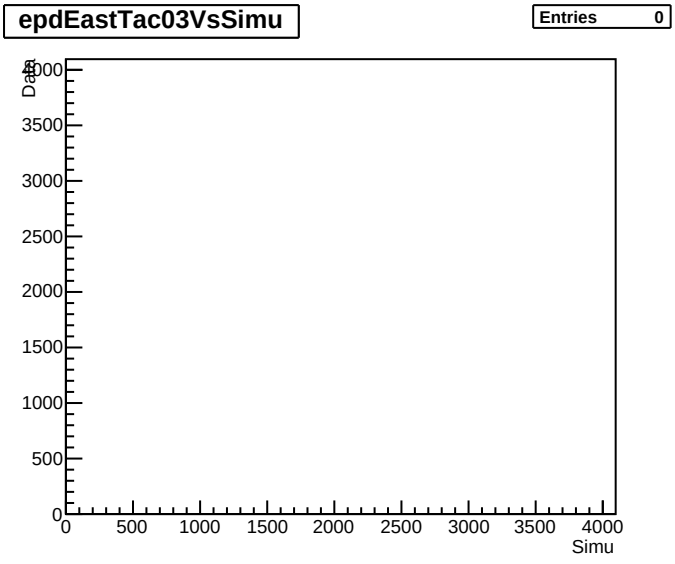
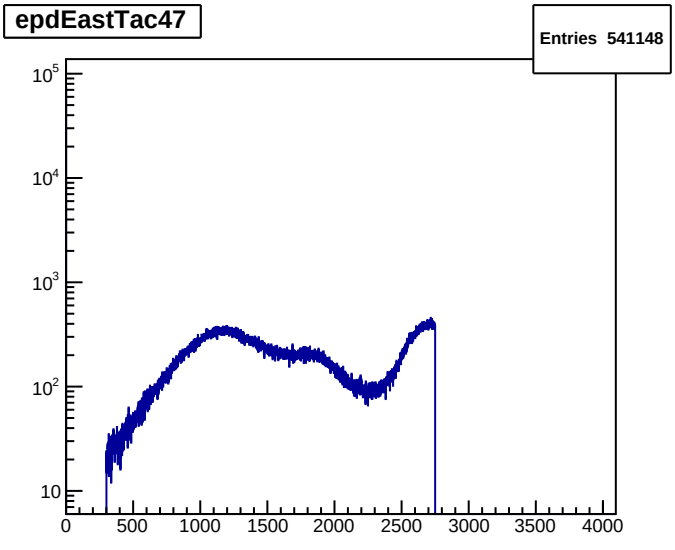
Entries 0
Data-Simu
DSM Input Channel

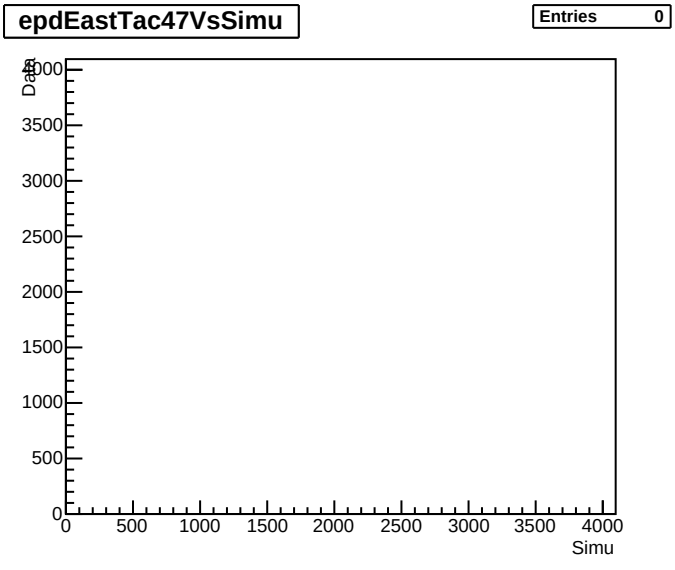

epdWestTHits
Entries 4329184
Truncated NHits
DSMInput Channel

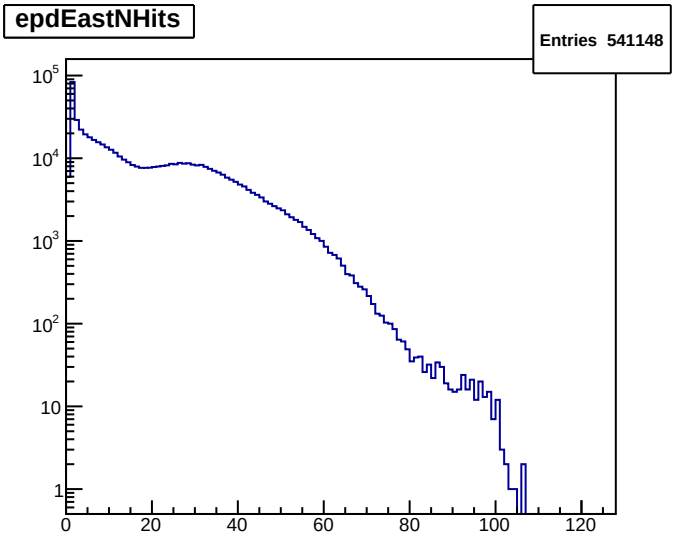

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

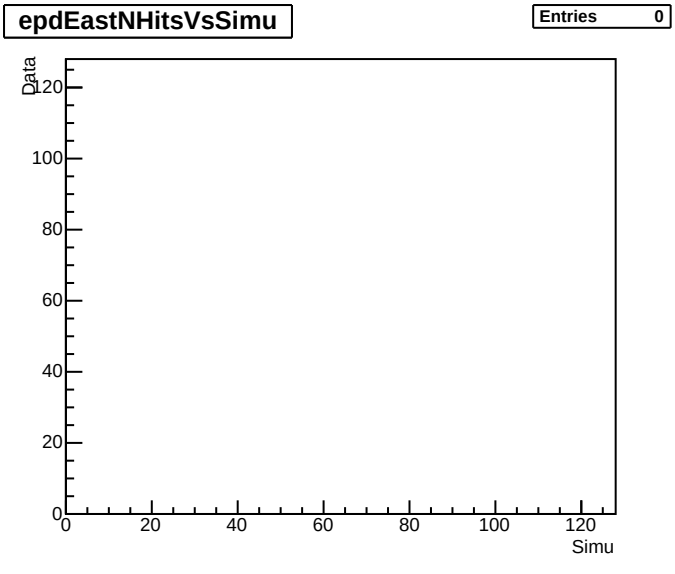

epdEastTac03
Entries 541148


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 541148


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 541148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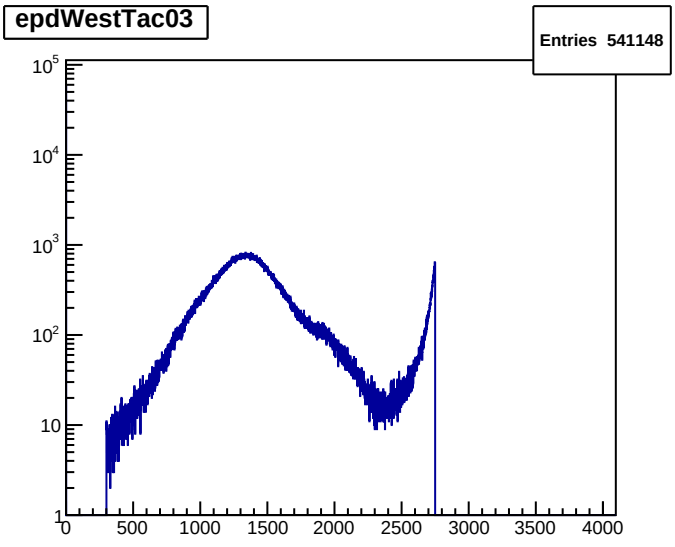
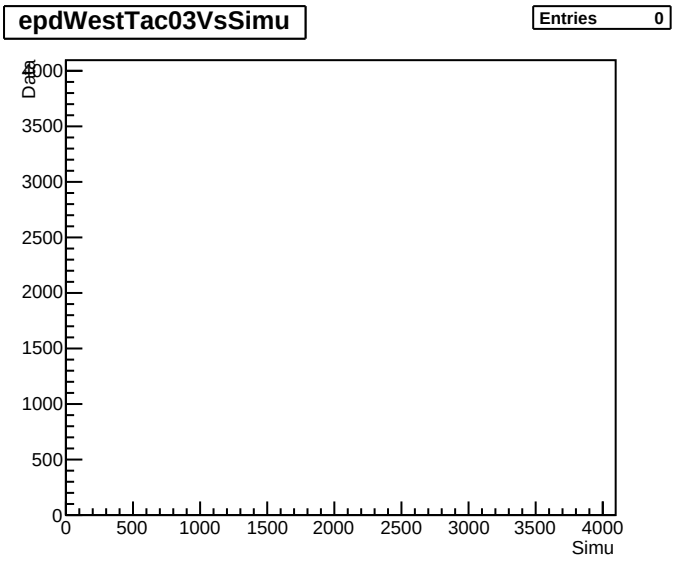
Entries 0
Data
Simu


epdWestTac03
Entries 541148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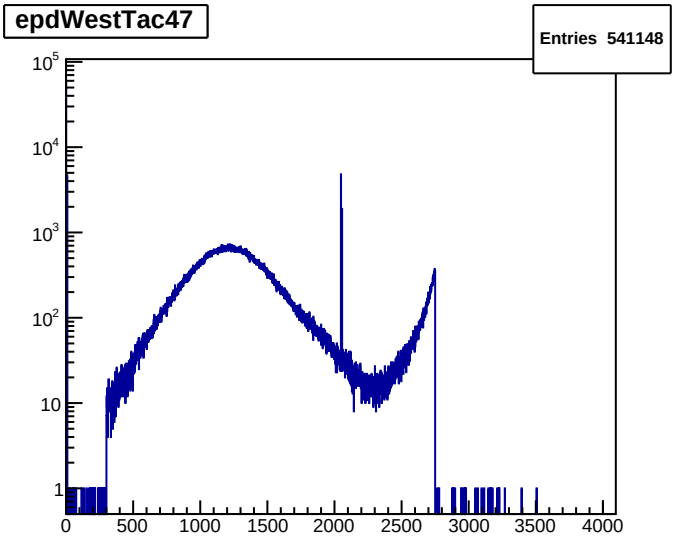
Entries 0
Data
Simu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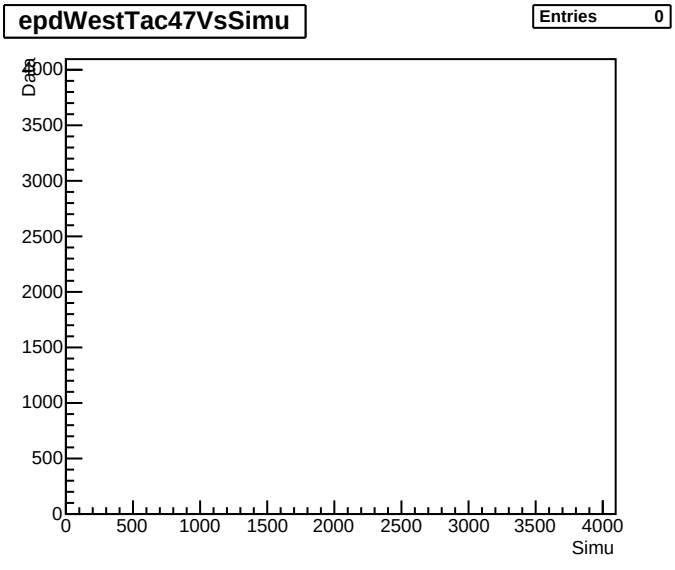
Entries 541148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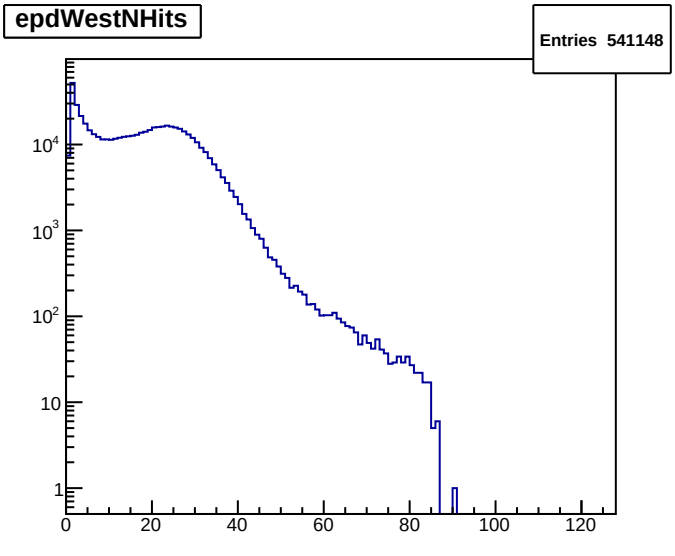
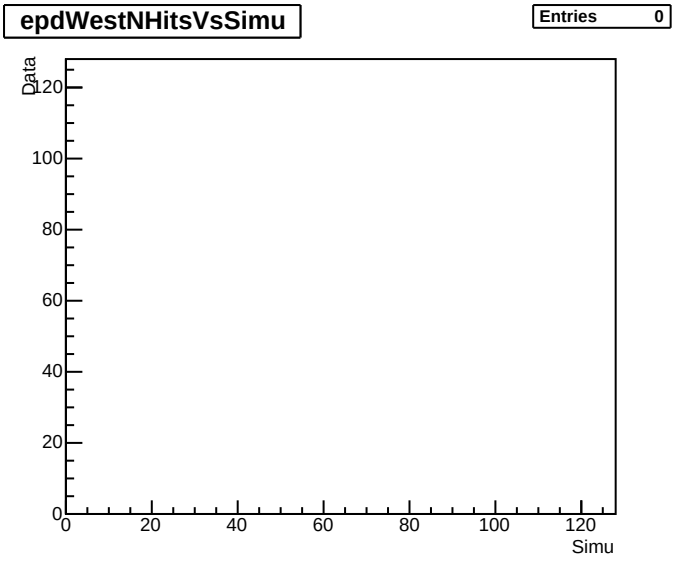
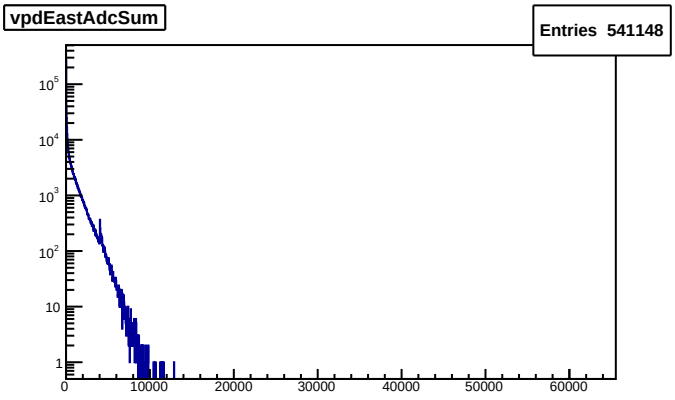
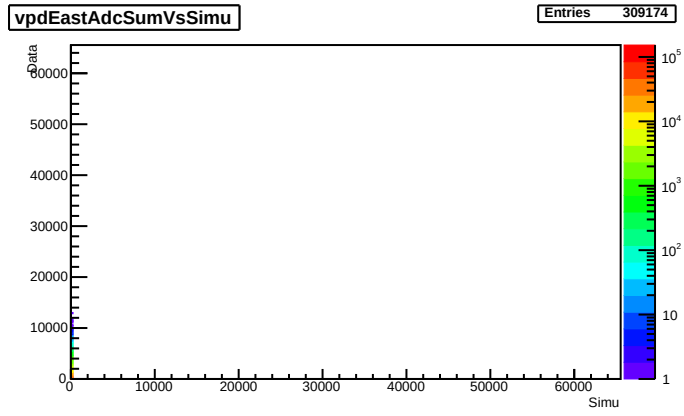
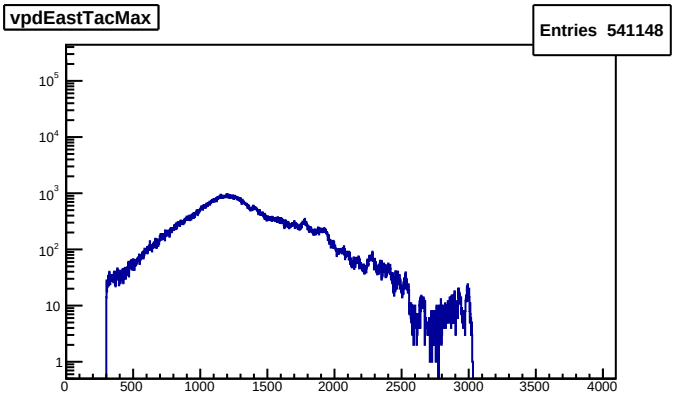
Entries 0
Data
Simu

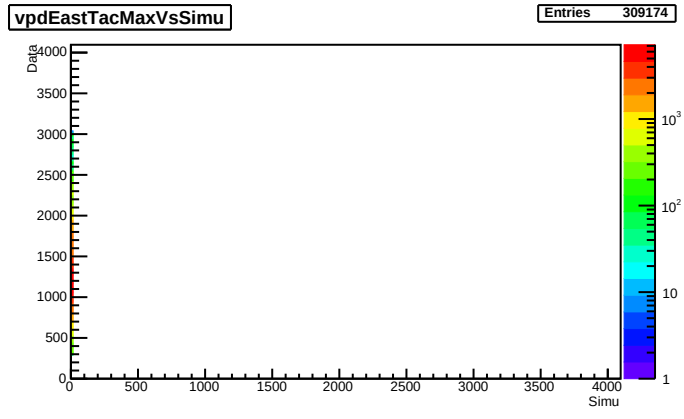

epdWestNHits
Entries 541148

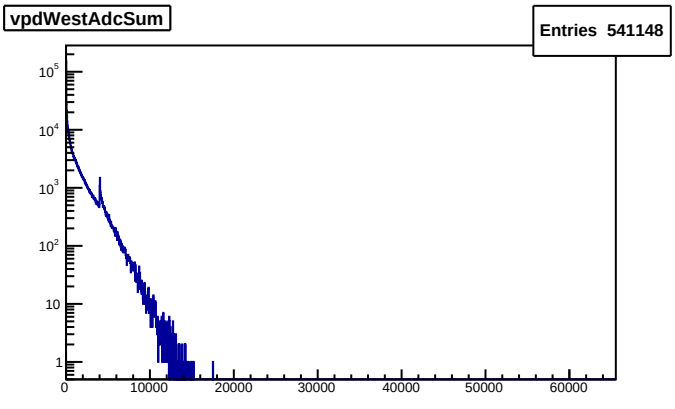

epdWestNHitsVsSimu
Entries 0
Data
Simu

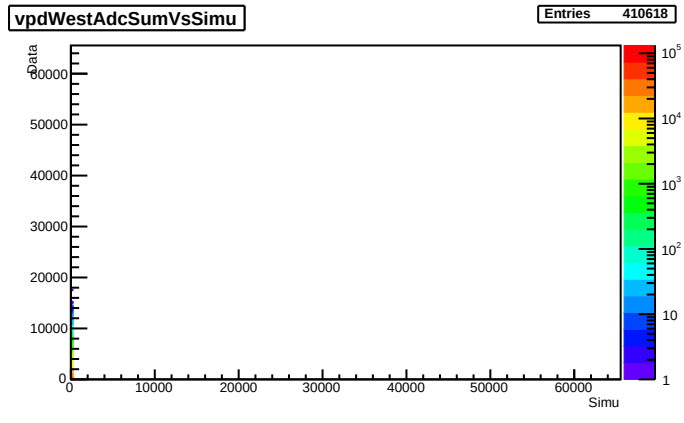

vpdEastAdcSum
Entries 541148

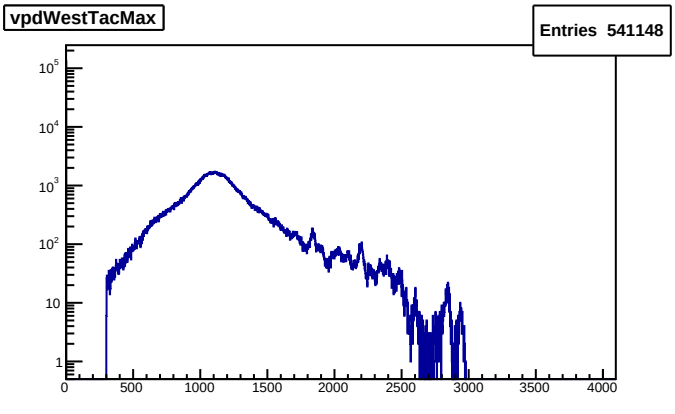

vpdEastAdcSumVsSimu
Entries 309174
Data
Simu

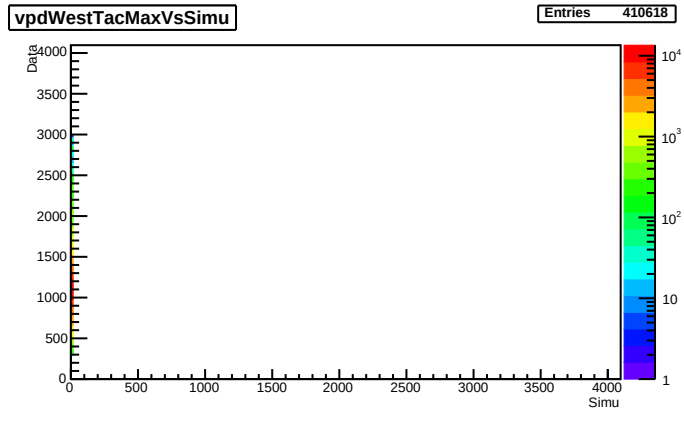

vpdEastTacMax
Entries 541148

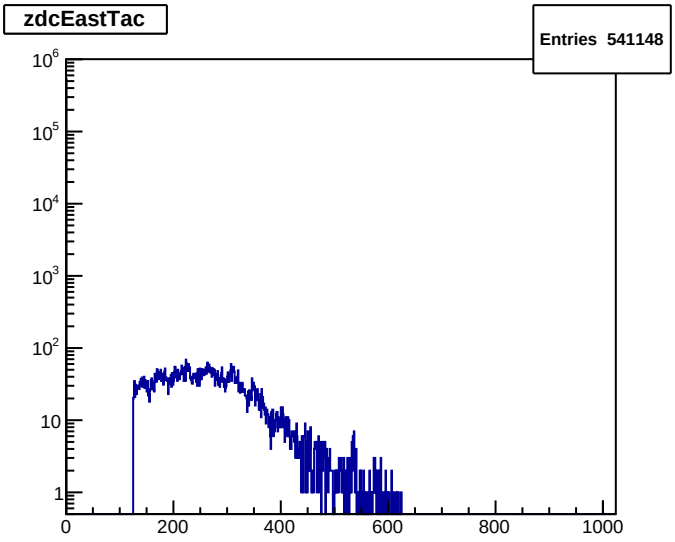

vpdEastTacMaxVsSimu
Entries 309174
Data
Simu

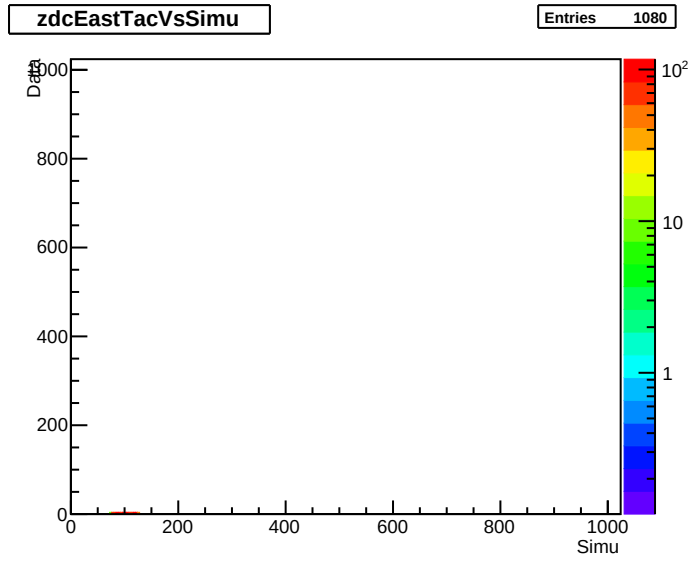

vpdWestAdcSum
Entries 541148

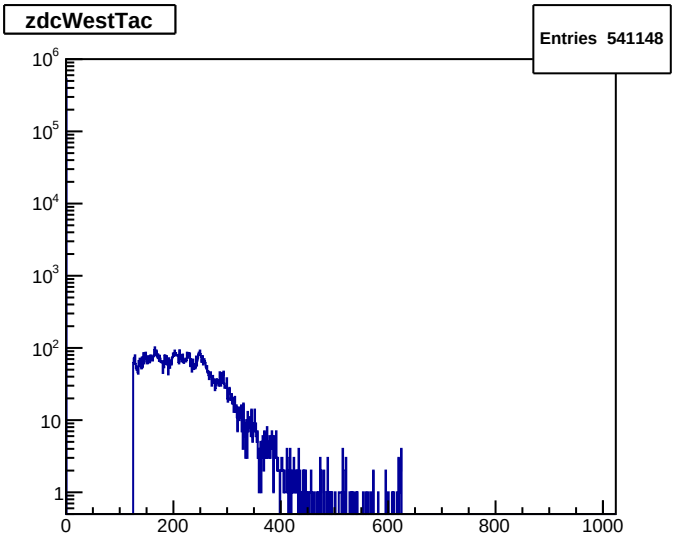

vpdWestAdcSumVsSimu
Entries 410618
Data
Simu

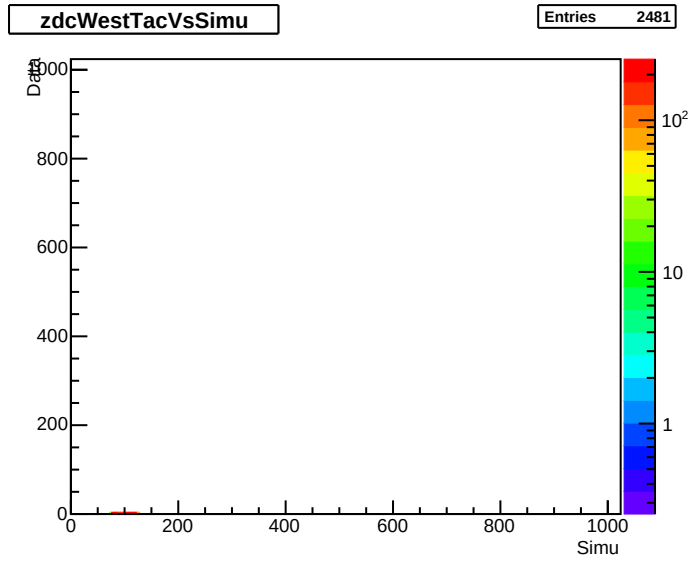

vpdWestTacMax
Entries 541148

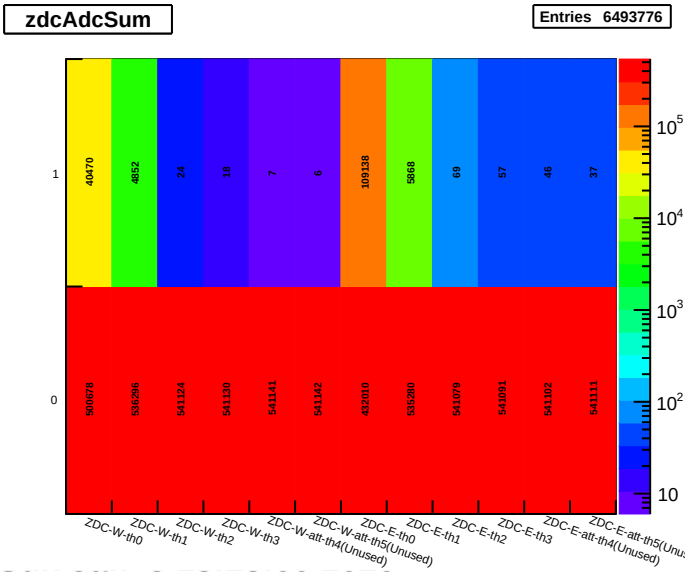

vpdWestTacMaxVsSimu
Entries 410618
Data
Simu

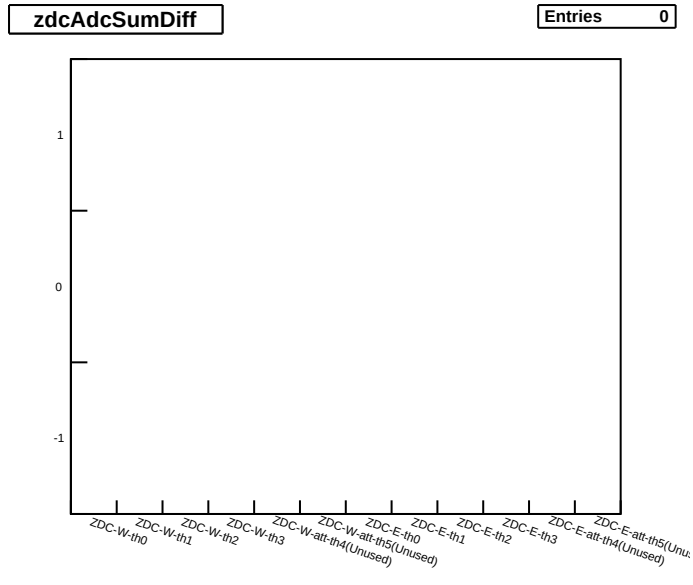

zdcEastTac
Entries 541148

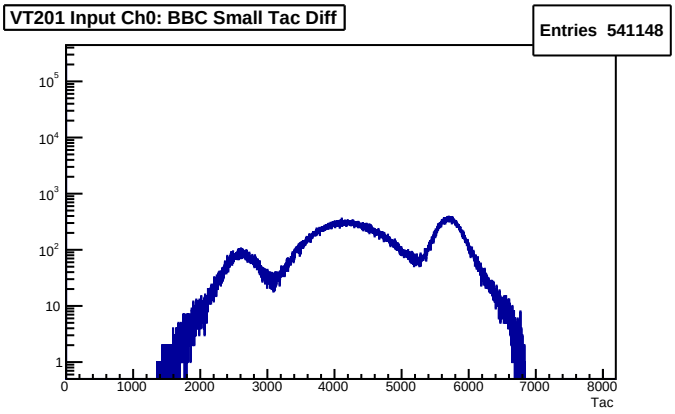

zdcEastTacVsSimu
Entries 1080
Data
Simu

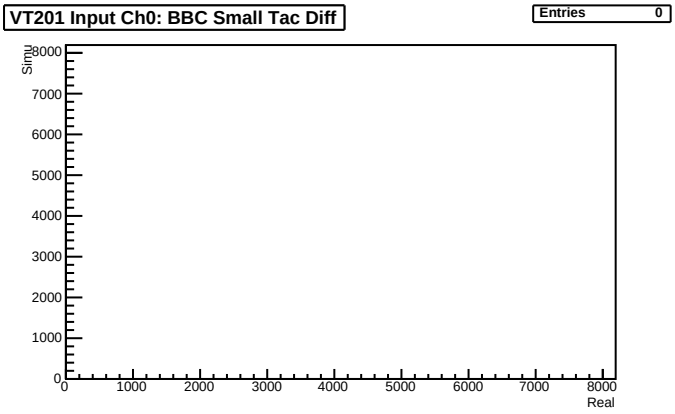

zdcWestTac
Entries 541148

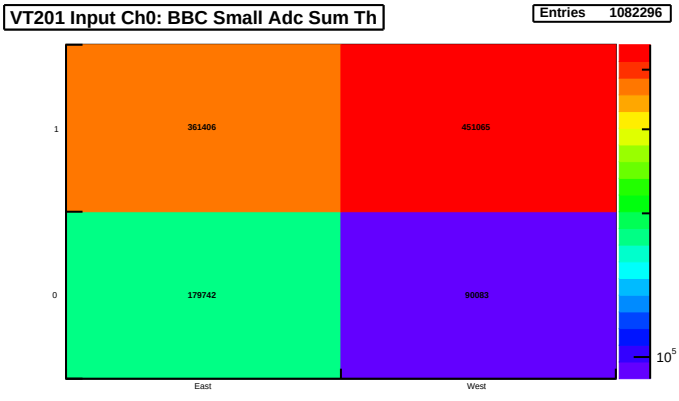

zdcWestTacVsSimu
Entries 2481
Data
Simu

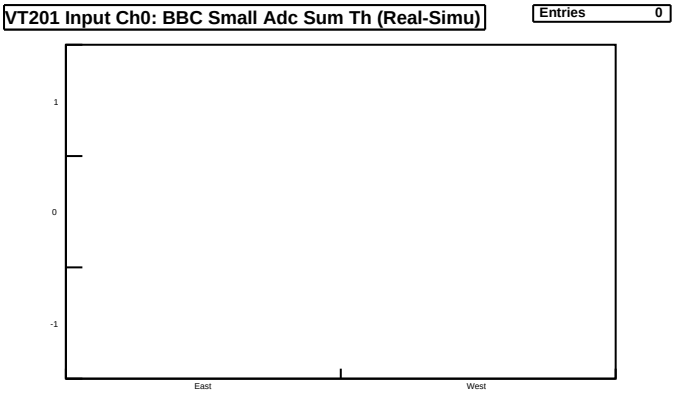

zdcAdcSum
Entries 6493776
40470
4852
24
18
7
6
109138
5868
69
57
46
37
500678
536296
541124
541130
541141
541142
432010
535280
541079
541091
541102
541111
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

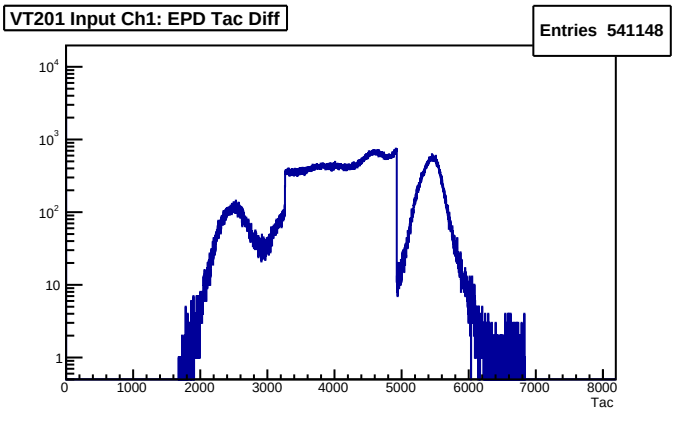

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

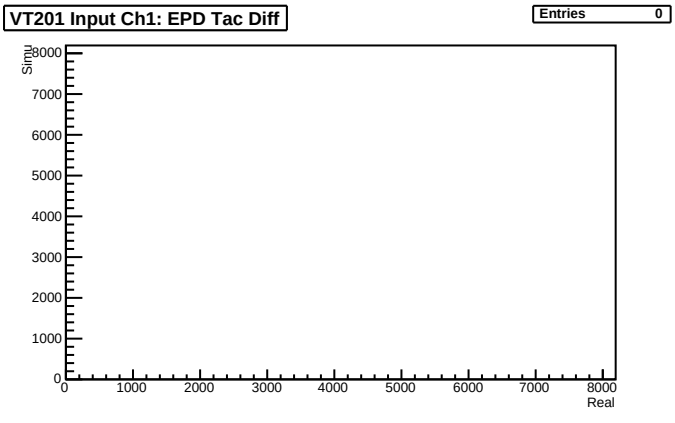

VT201 Input Ch0: BBC Small Tac Diff
Entries 541148
Tac

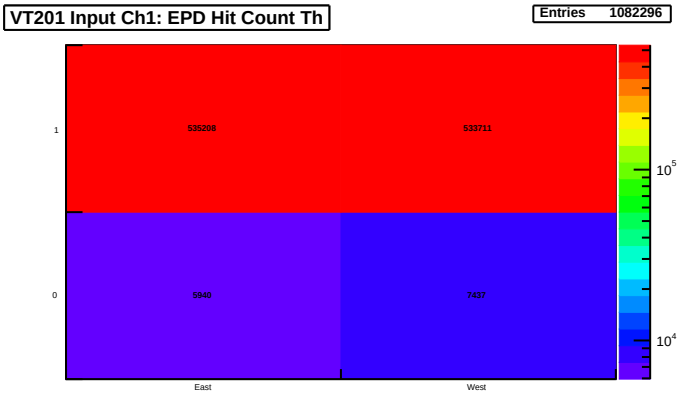

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

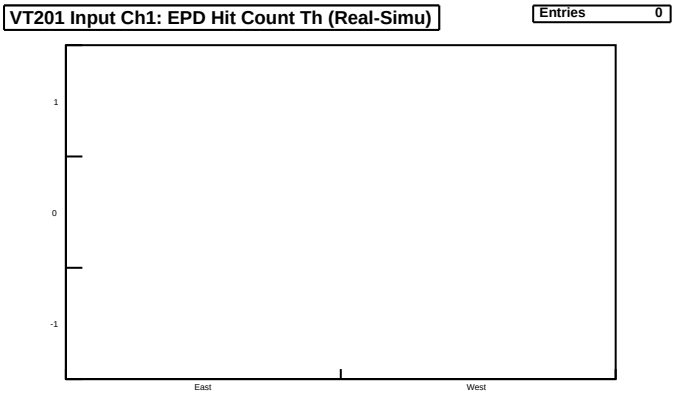

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1082296
361406
451065
179742
90083
East
West

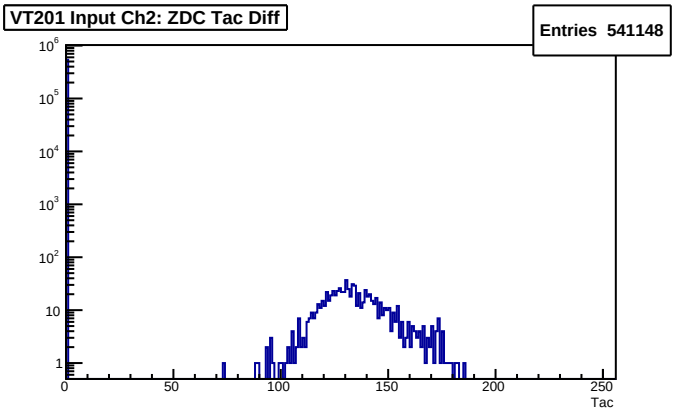

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

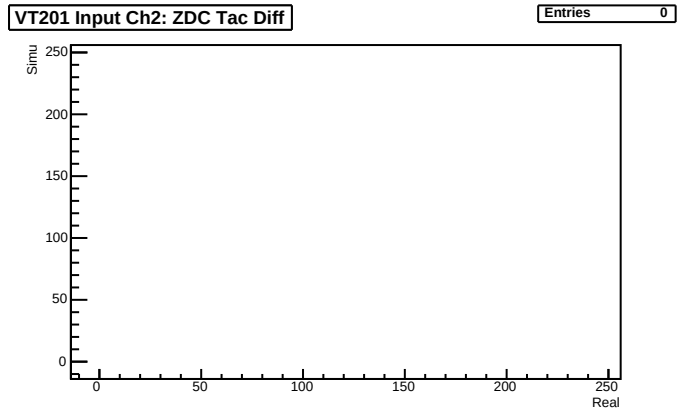

VT201 Input Ch1: EPD Tac Diff
Entries 541148
Tac

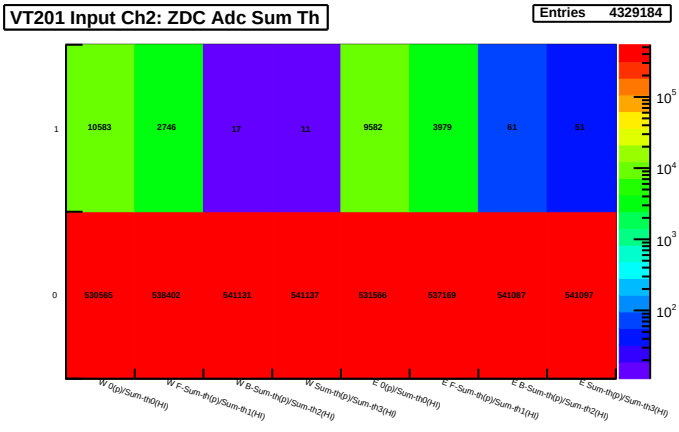

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

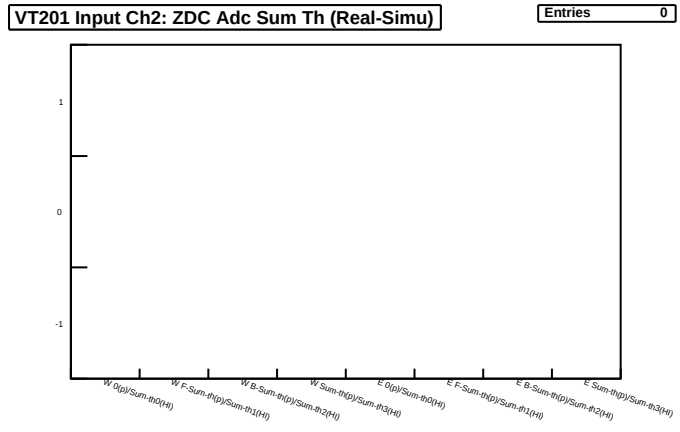

VT201 Input Ch1: EPD Hit Count Th
Entries 1082296
535208
533711
5940
7437
East
West

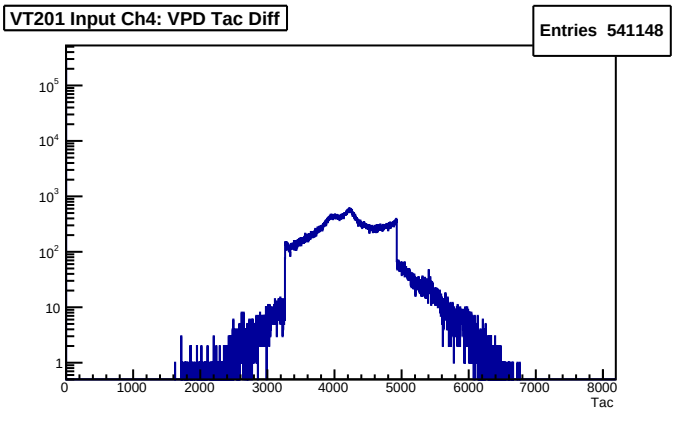

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

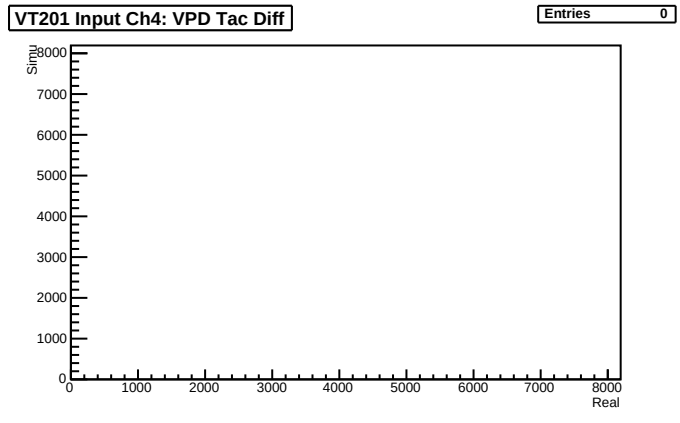

VT201 Input Ch2: ZDC Tac Diff
Entries 541148
Tac

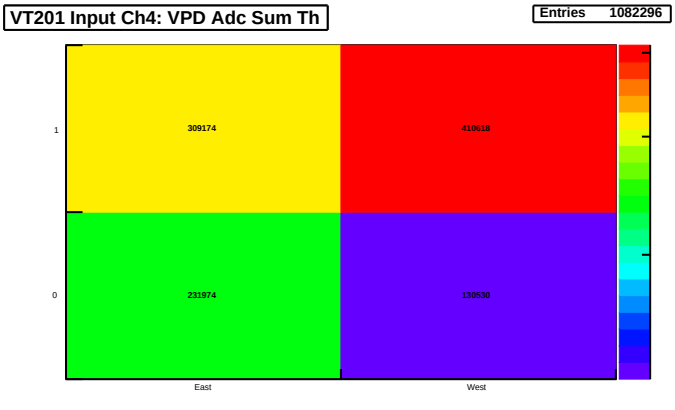

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

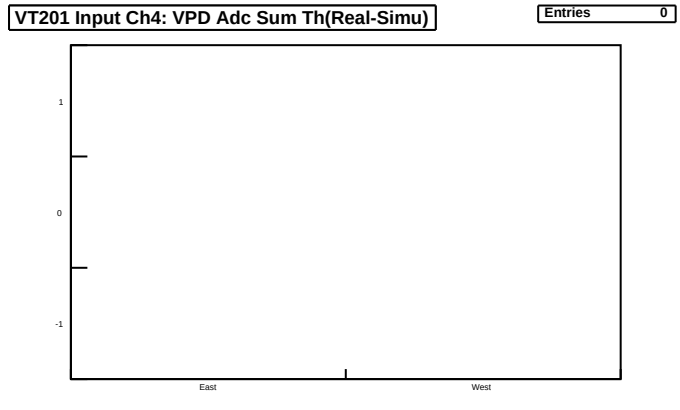

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4329184
10583
2746
17
11
9582
3979
61
51
530565
538402
541131
541137
531566
537169
541087
541097
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

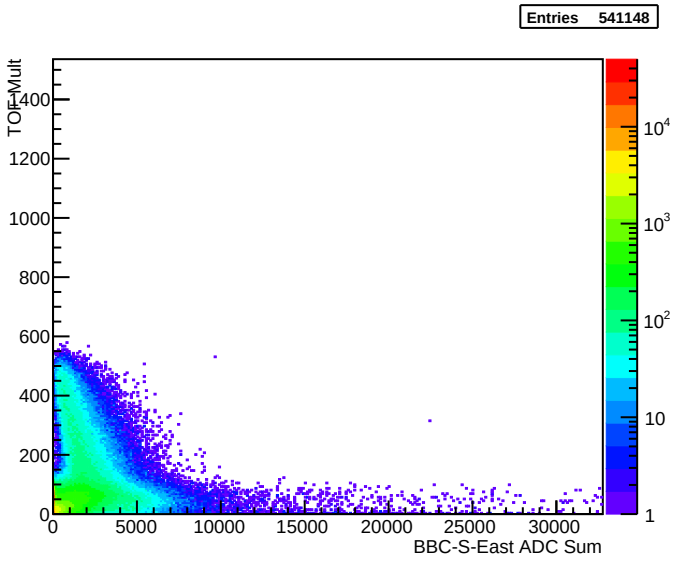

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

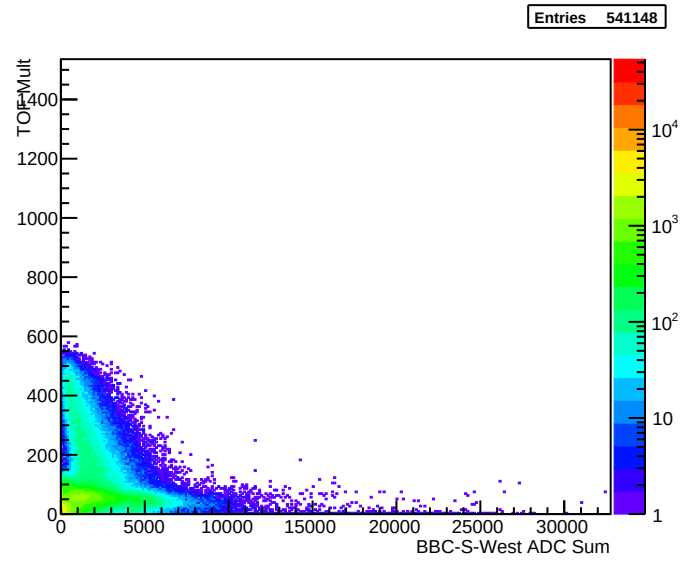

VT201 Input Ch4: VPD Tac Diff
Entries 541148
Tac

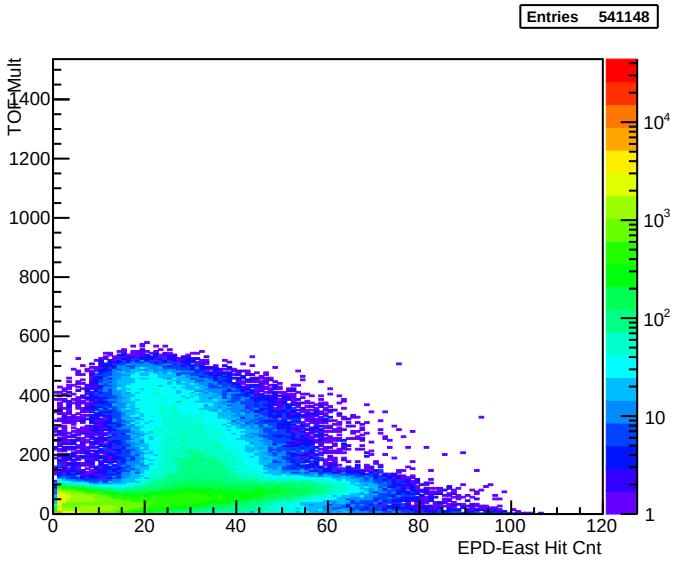

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

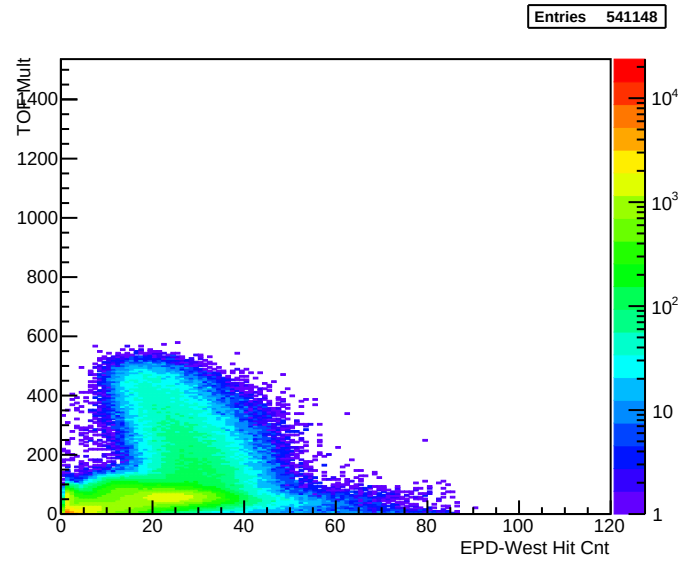

VT201 Input Ch4: VPD Adc Sum Th
Entries 1082296
309174
410618
231974
130530
East
West

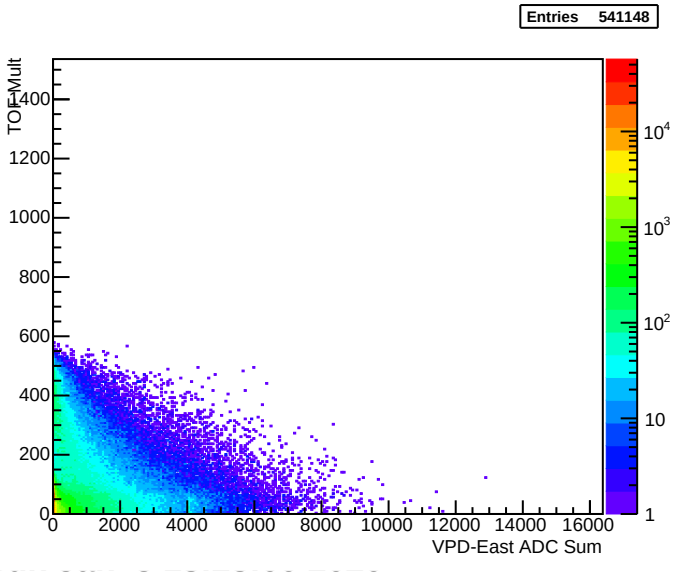

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

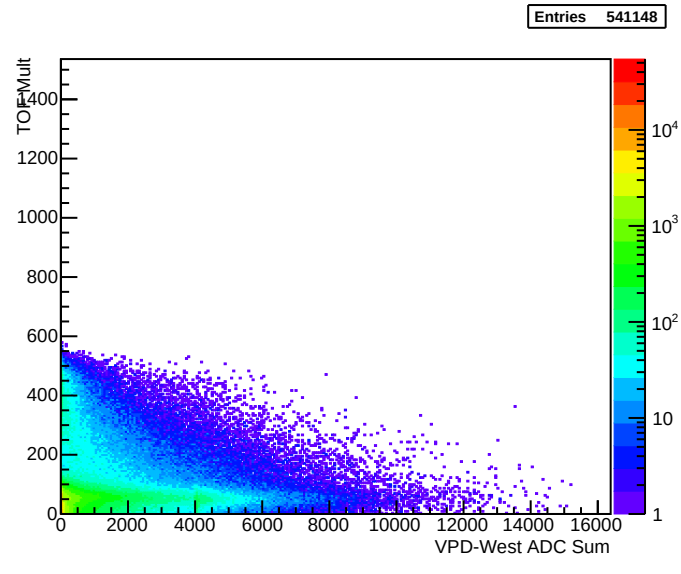

Entries 541148
TOF-Mult
BBC-S-East ADC Sum

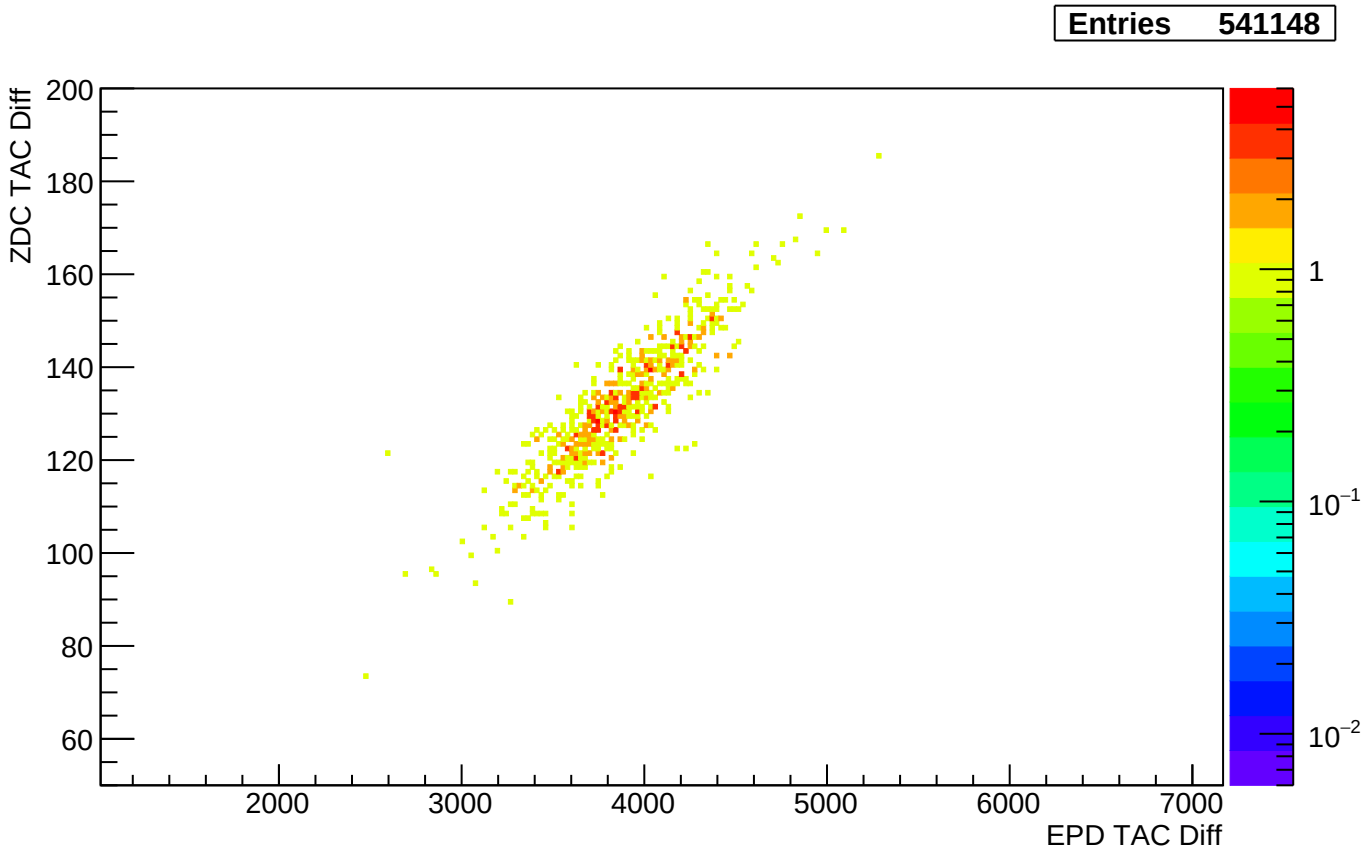

Entries 541148
TOF-Mult
BBC-S-West ADC Sum

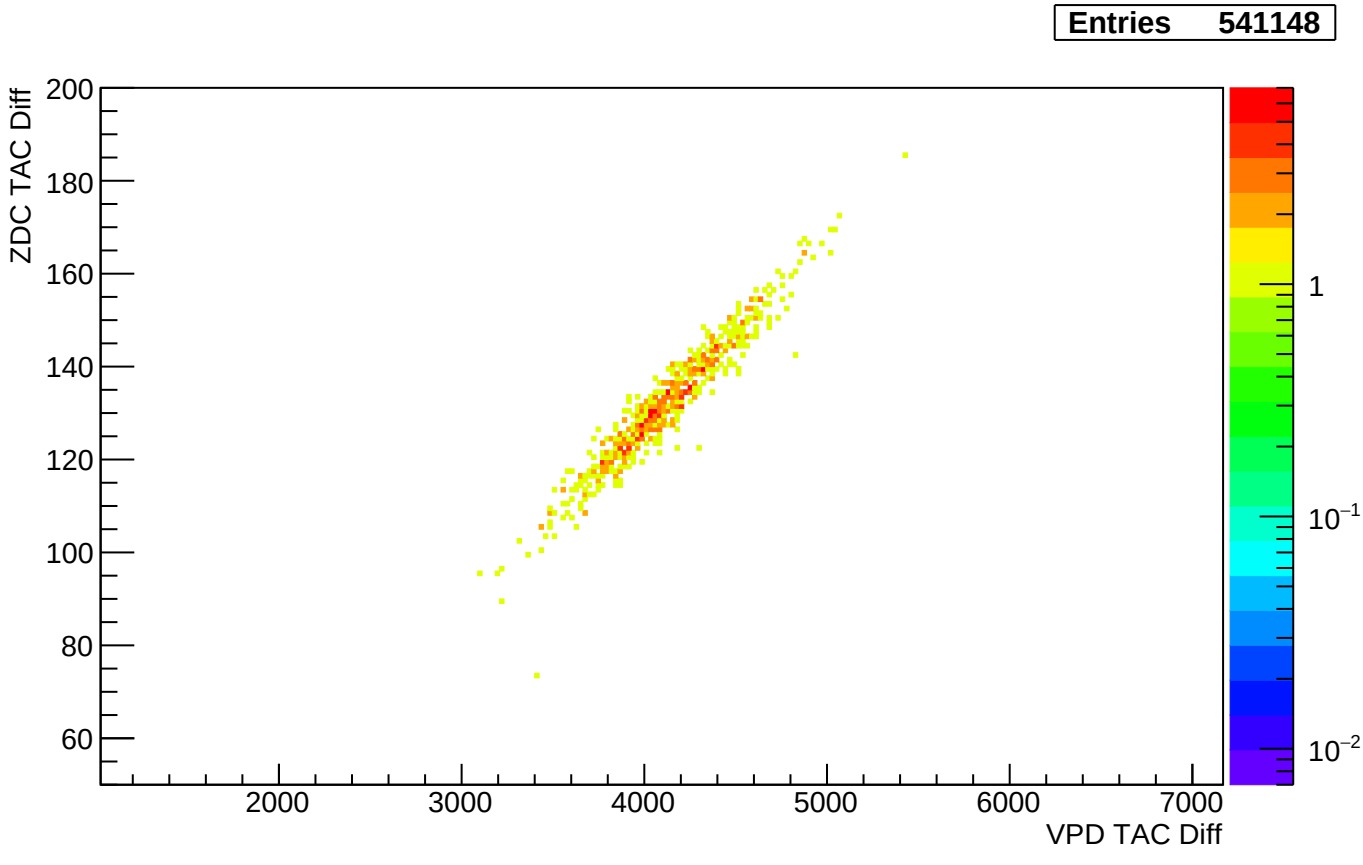

Entries 541148
TOF-Mult
EPD-East Hit Cnt

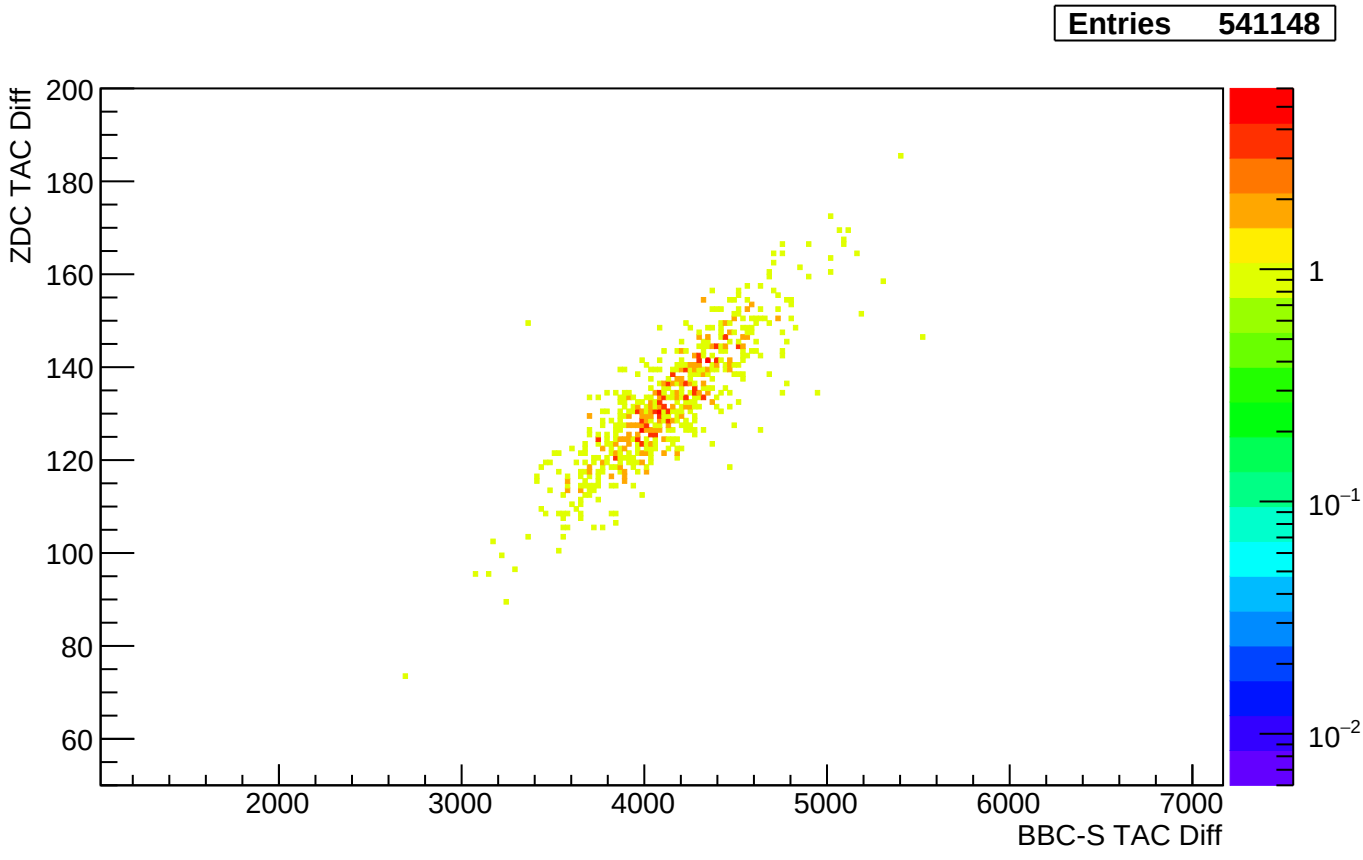

Entries 541148
TOF-Mult
EPD-West Hit Cnt

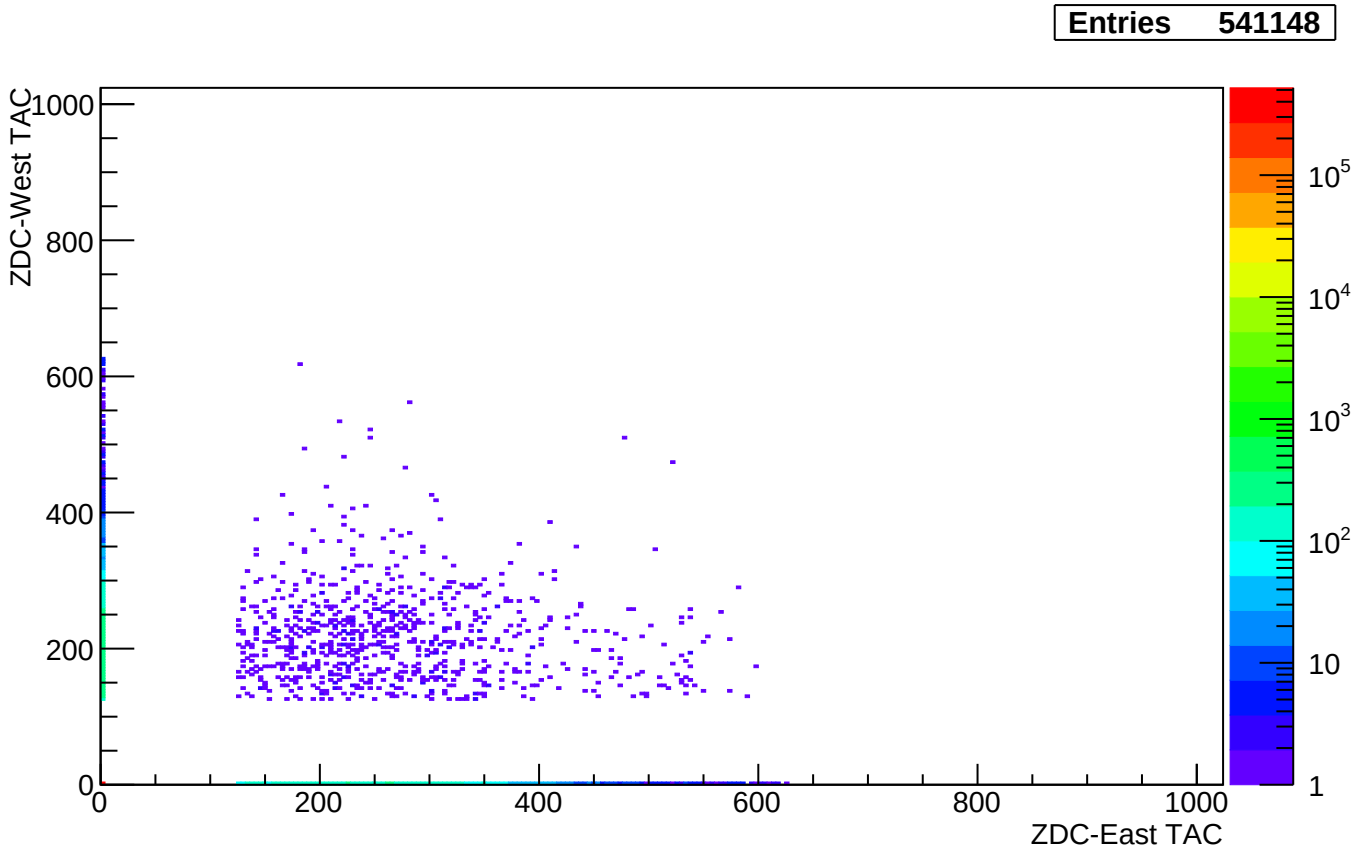

Entries 541148
TOF-Mult
VPD-East ADC Sum

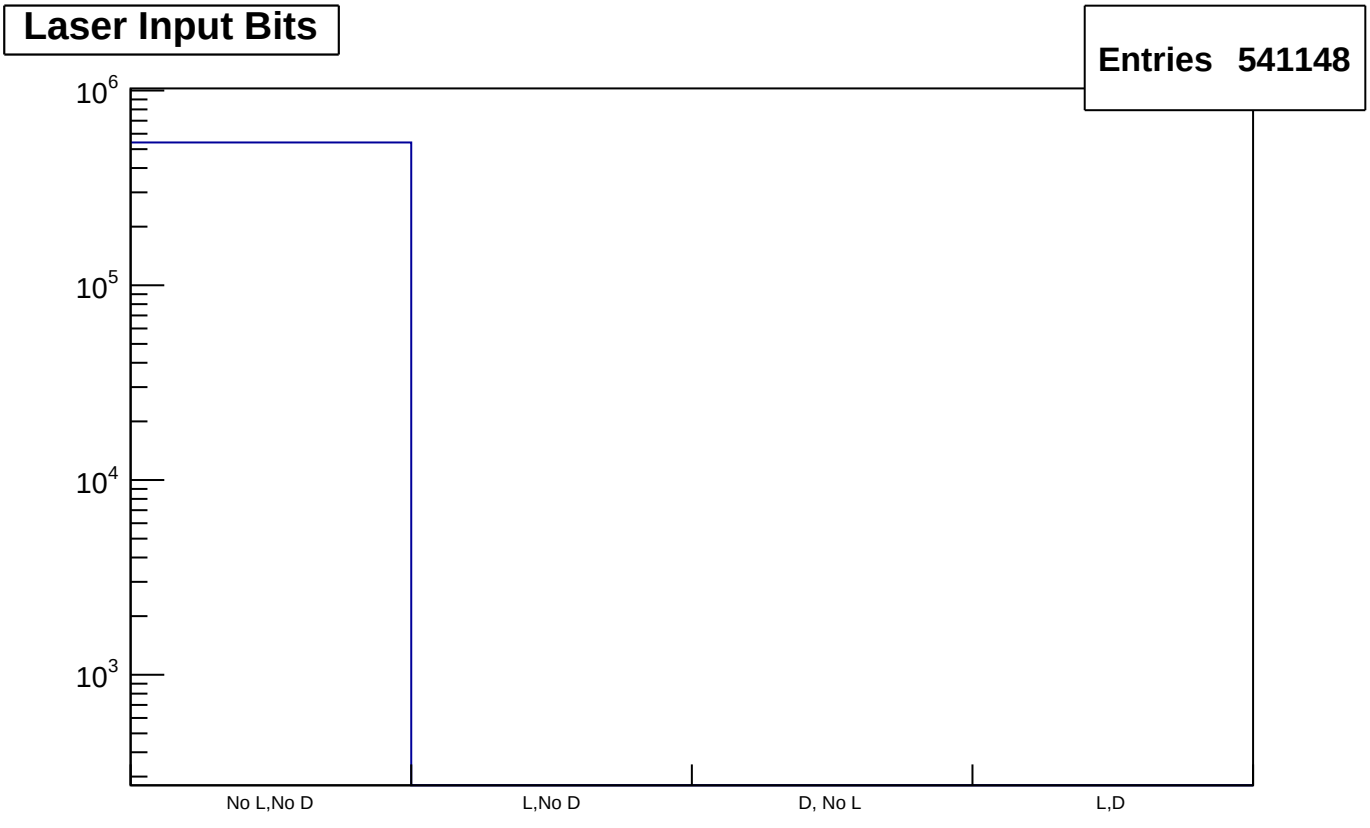

Entries 541148
TOF-Mult
VPD-West ADC Sum

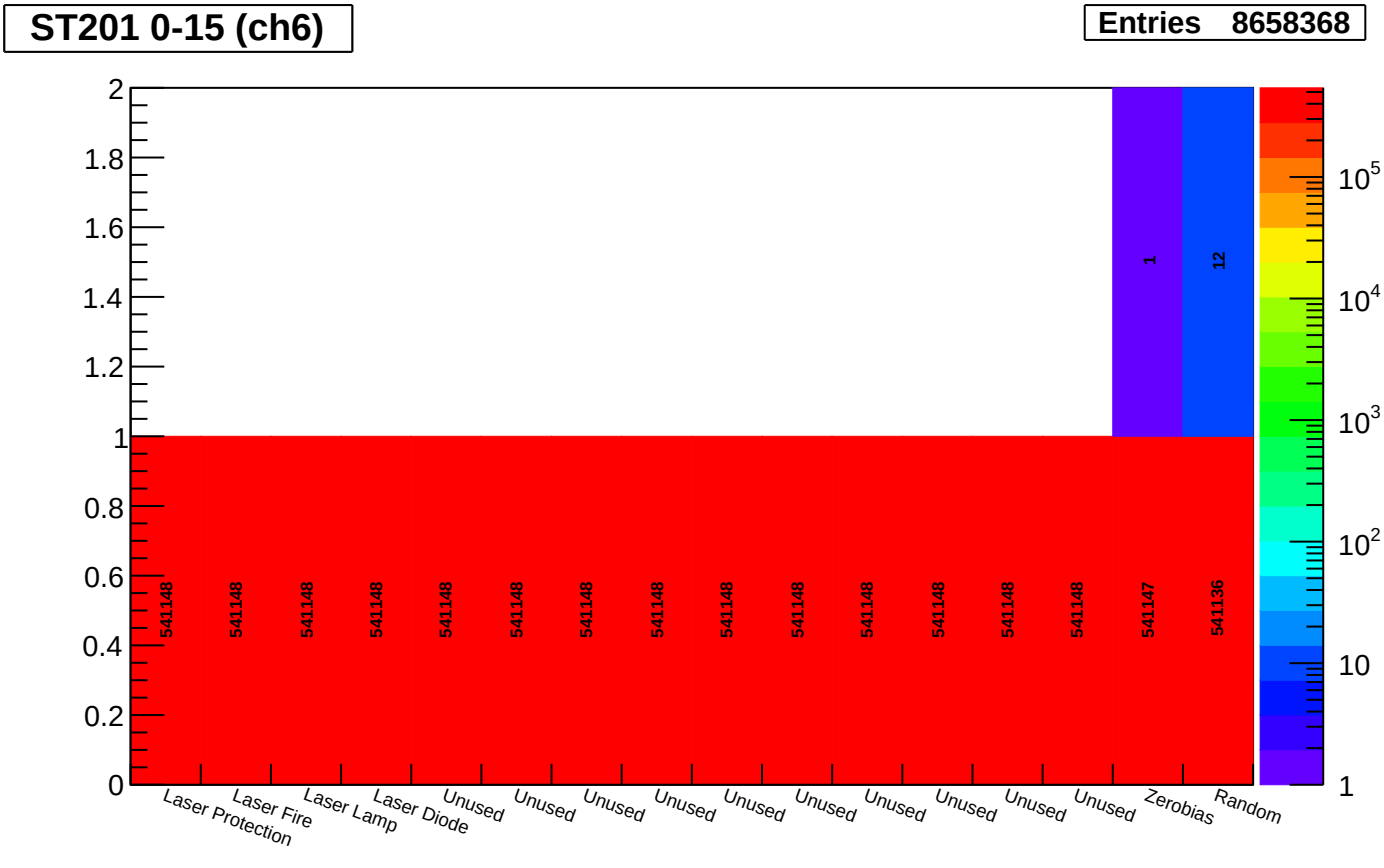

Entries 541148
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

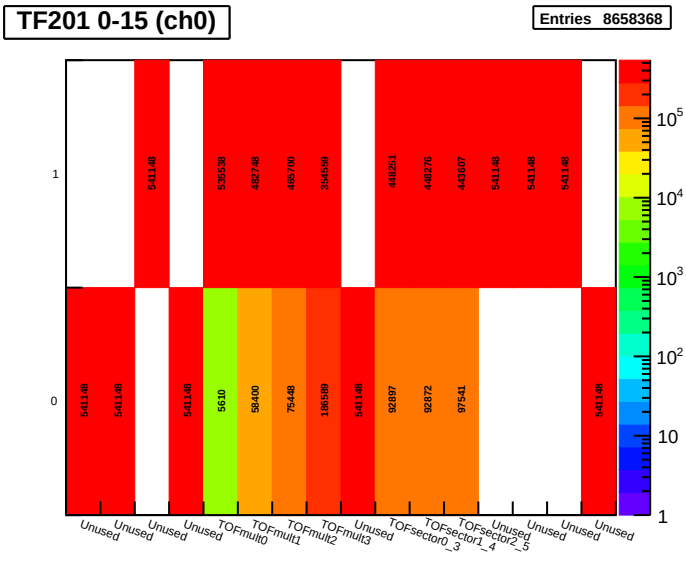

Entries 541148
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

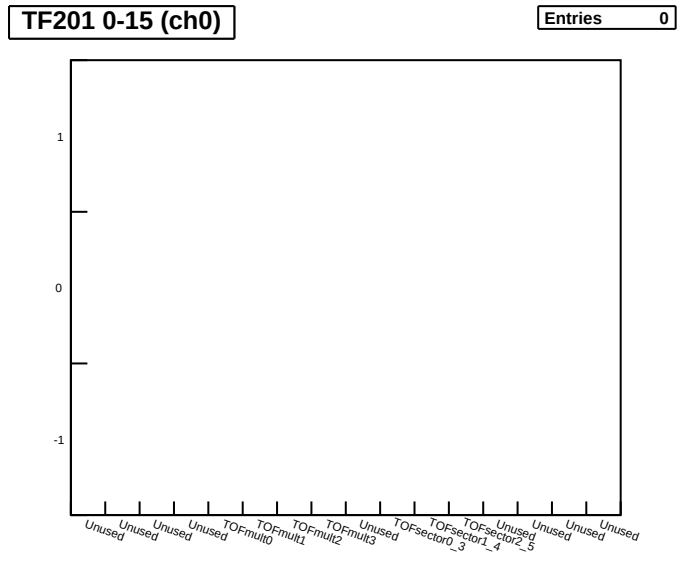

Entries 541148
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

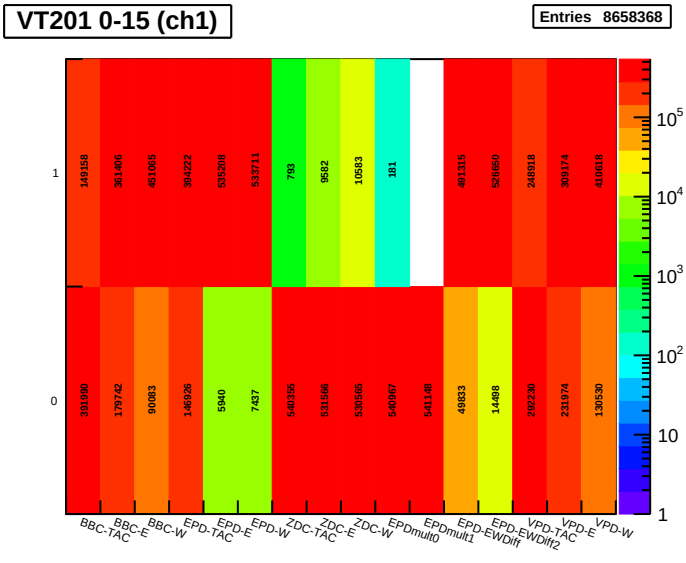

Entries 541148
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

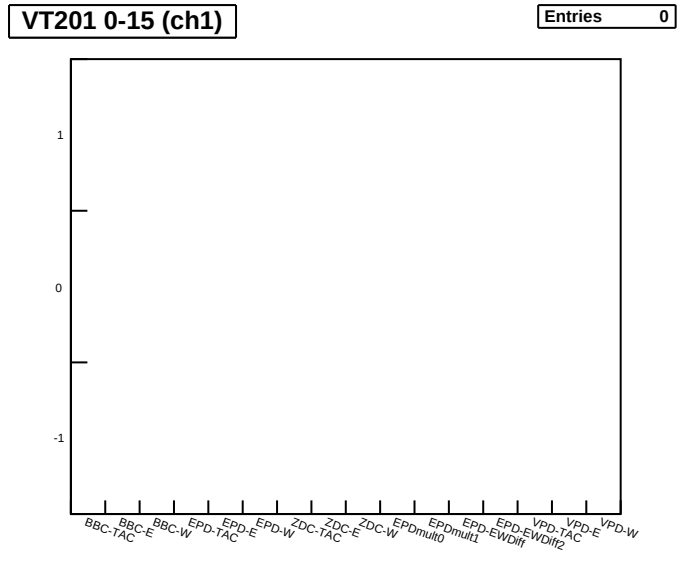

Laser Input Bits
Entries 541148
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

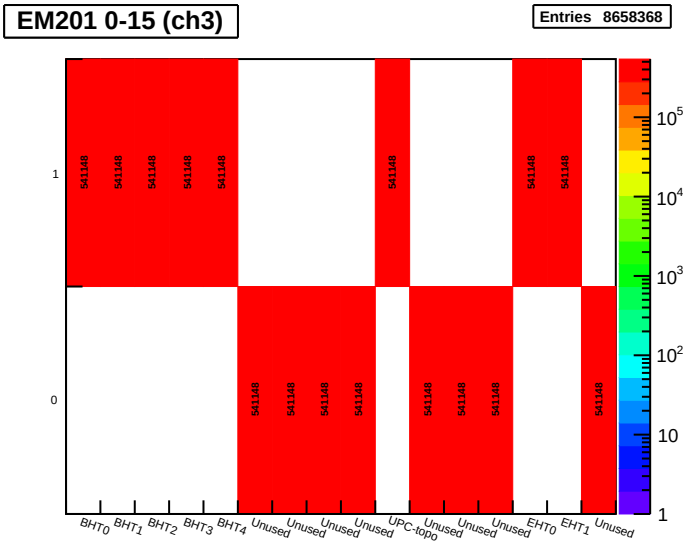

ST201 0-15 (ch6)
Entries 8658368
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
541148
541148
541148
541148
541148
541148
541148
541148
541148
541148
541148
541148
541148
541147
541136
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

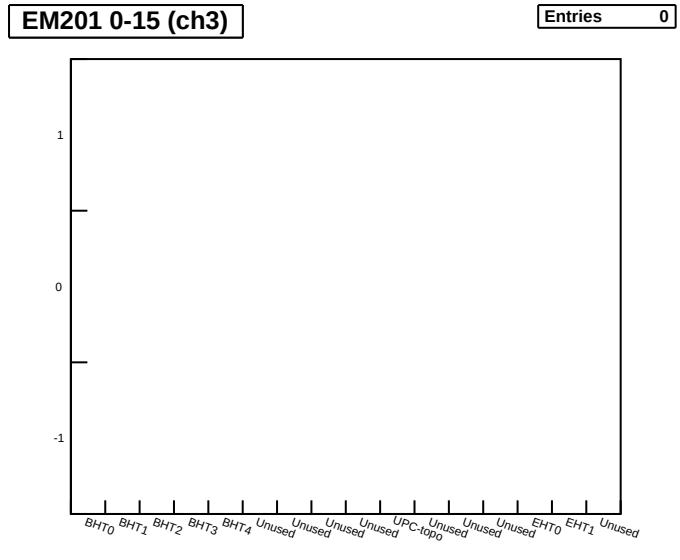

TF201 0-15 (ch0)
Entries 8658368
1
0
541148
535538
482748
465700
354959
448251
448276
443607
5610
58400
75448
186589
92897
92872
97541
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 8658368
1
0
149158
361466
451065
394222
535208
533711
793
9582
10563
181
491315
526650
248918
309174
410618
391990
179742
90083
146926
5940
7437
540355
531566
530565
540967
541148
49833
14498
292230
231974
130530
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
1
10
10^2
10^3
10^4
10^5


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 8658368
1
0
541148
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


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