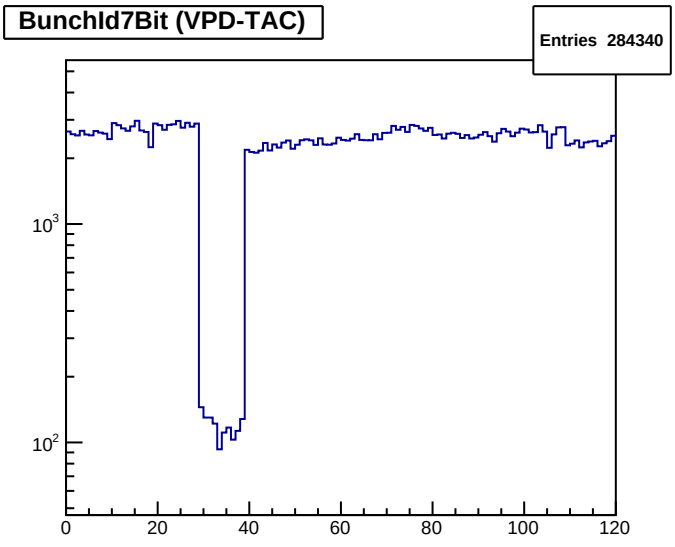
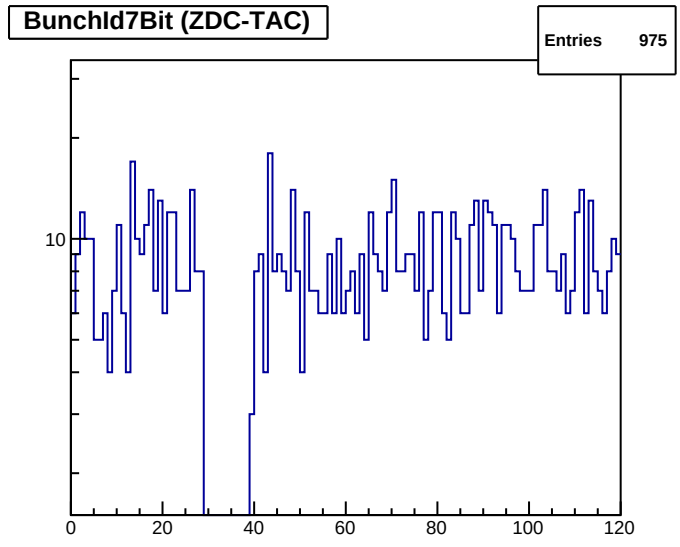
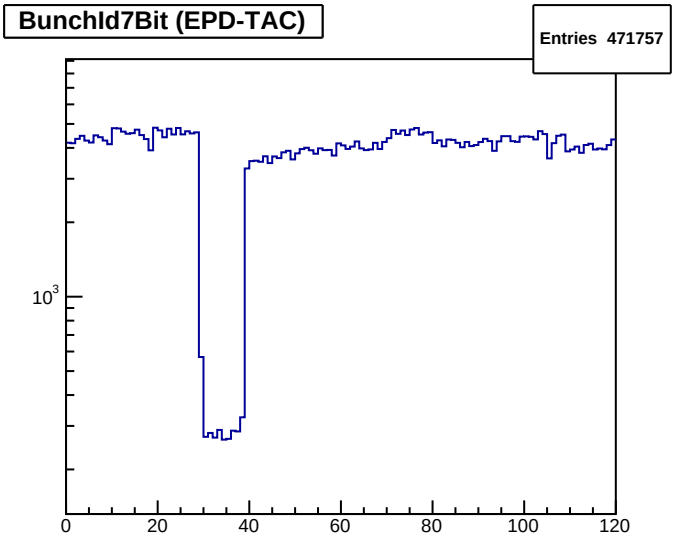
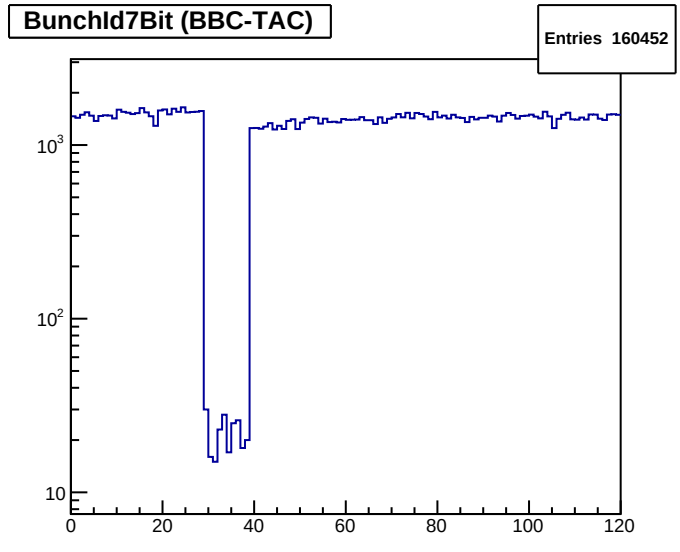
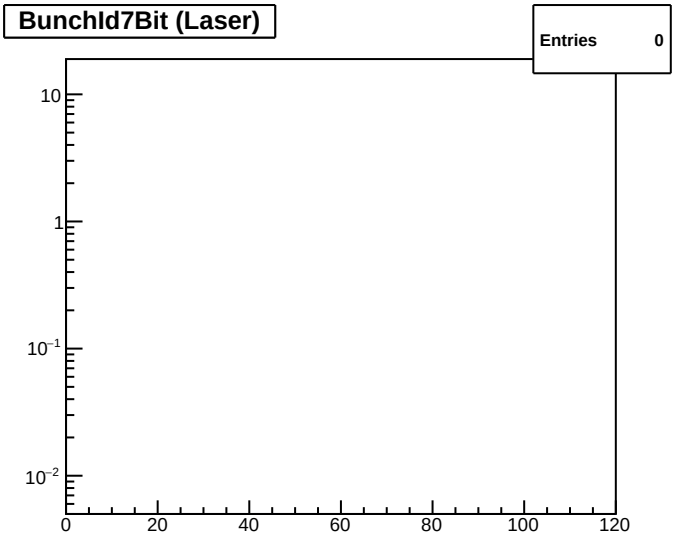
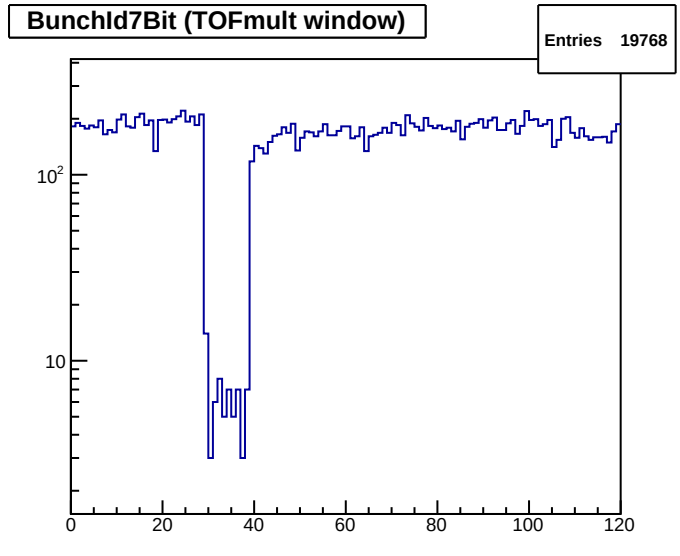

BunchId7Bit (VPD-TAC)
Entries 284340
10^3
10^2
0 20 40 60 80 100 120

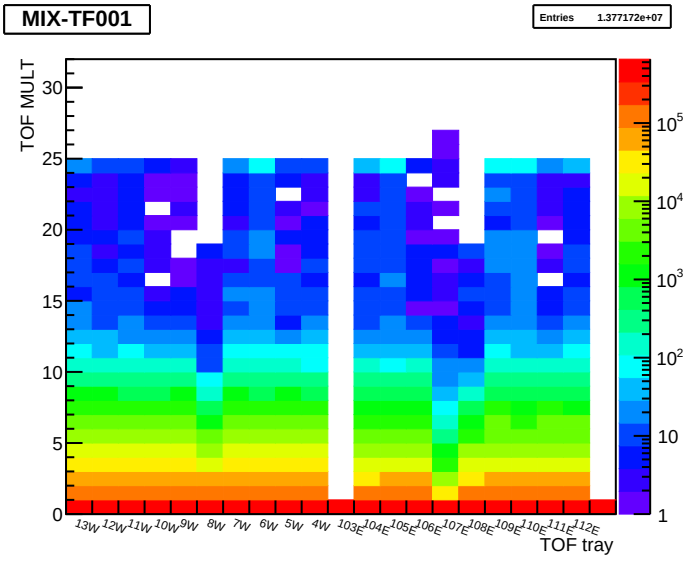

BunchId7Bit (ZDC-TAC)
Entries 975
10
0 20 40 60 80 100 120

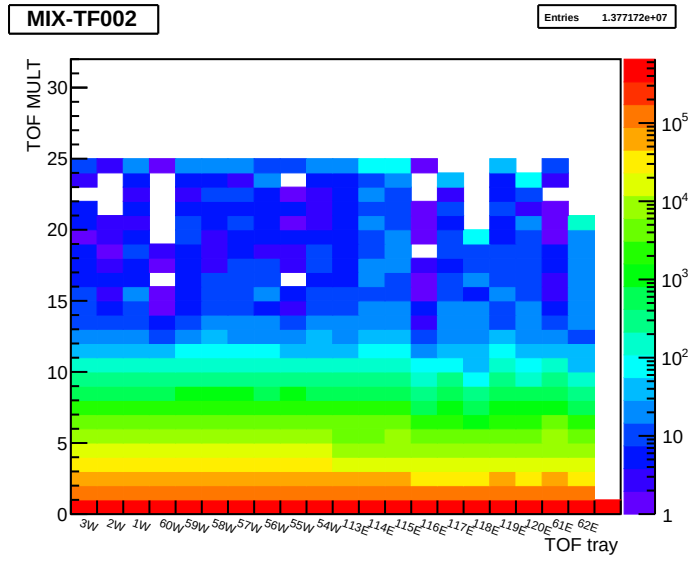

BunchId7Bit (EPD-TAC)
Entries 471757
10^3
0 20 40 60 80 100 120

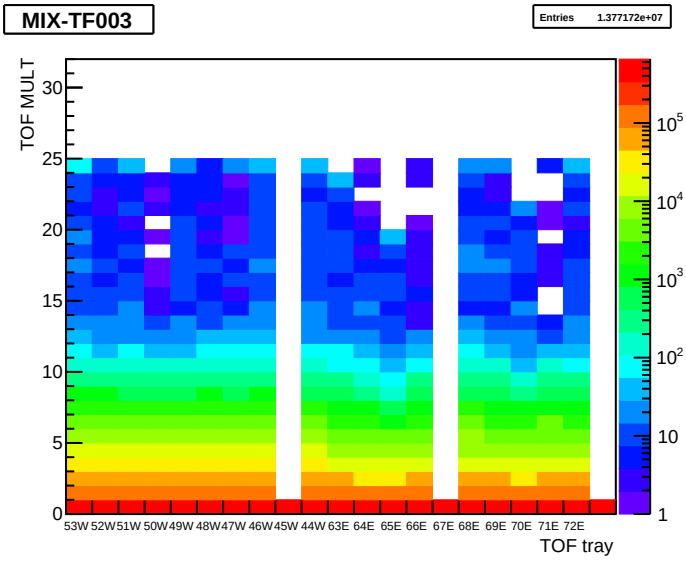

BunchId7Bit (BBC-TAC)
Entries 160452
10^3
10^2
10
0 20 40 60 80 100 120

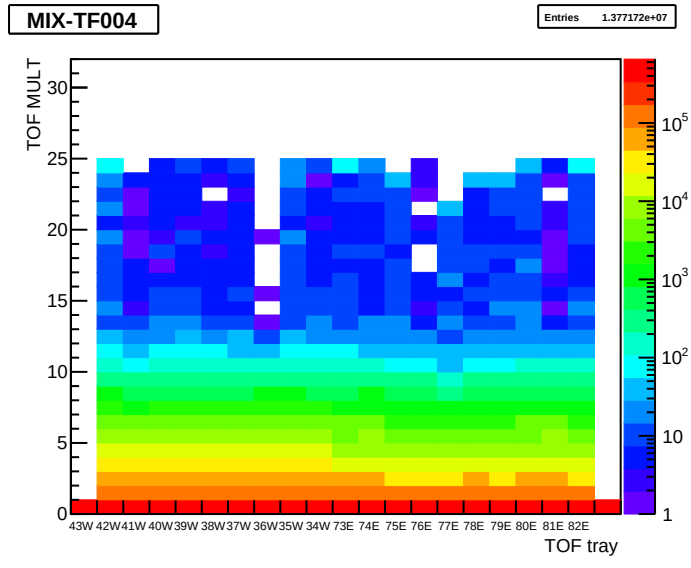

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

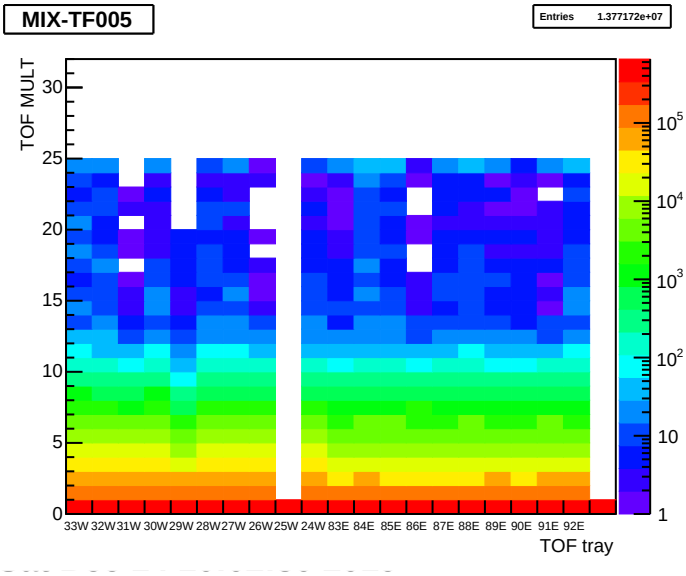

BunchId7Bit (TOFmult window)
Entries 19768
10^2
10
0 20 40 60 80 100 120

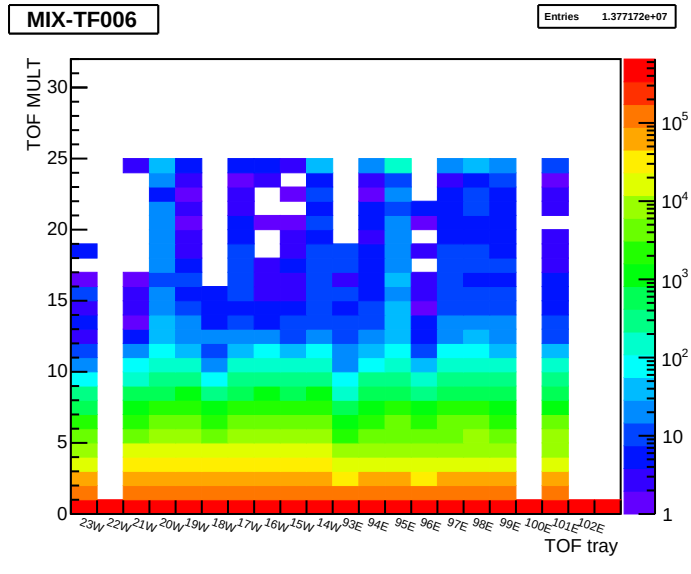

MIX-TF001
Entries 1.377172e+07
TOF MULT
TOF tray

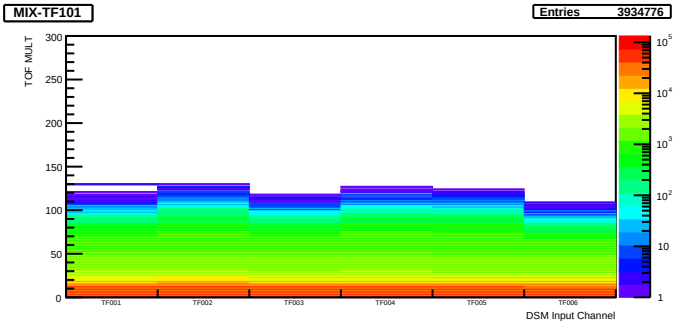

MIX-TF002
Entries 1.377172e+07
TOF MULT
TOF tray

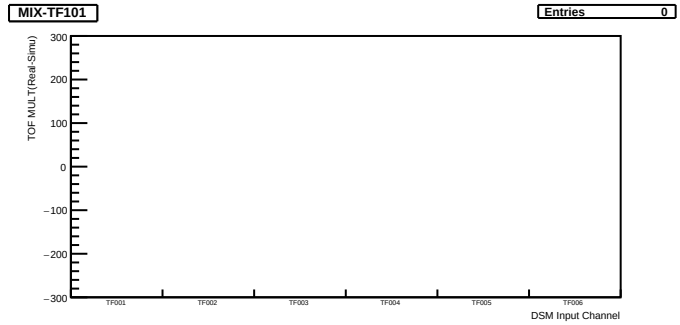

MIX-TF003
Entries 1.377172e+07
TOF MULT
TOF tray

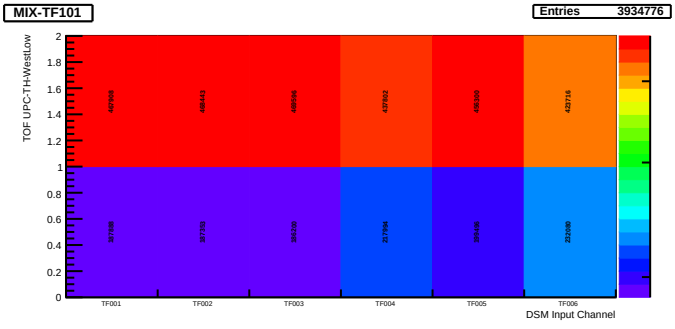

MIX-TF004
Entries 1.377172e+07
TOF MULT
TOF tray

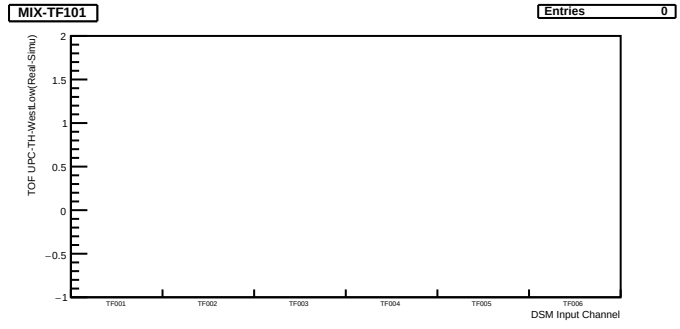

MIX-TF005
Entries 1.377172e+07
TOF MULT
TOF tray

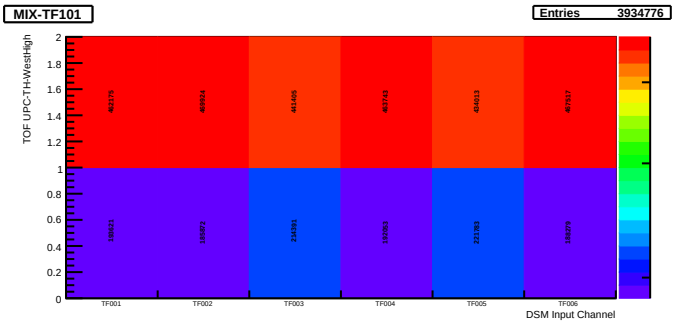

MIX-TF006
Entries 1.377172e+07
TOF MULT
TOF tray

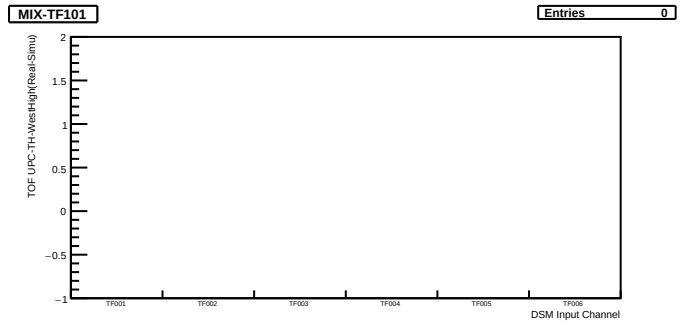

MIX-TF101
Entries 3934776
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

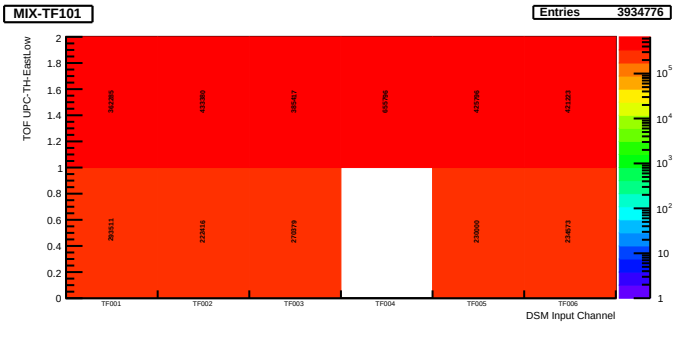

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

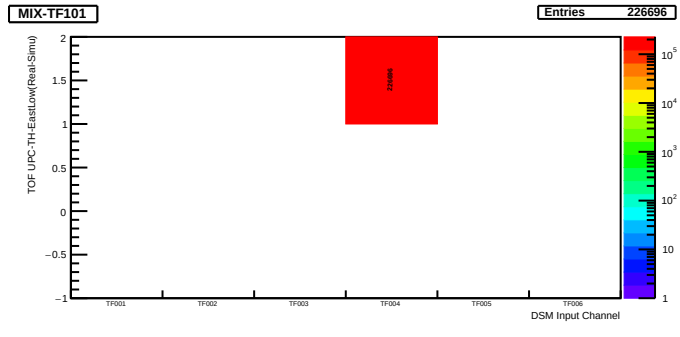

MIX-TF101
Entries 3934776
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

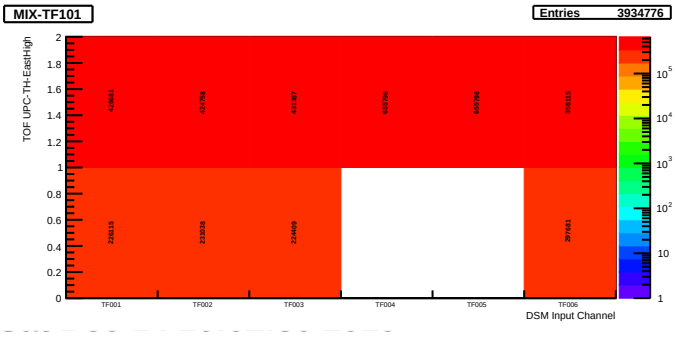

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

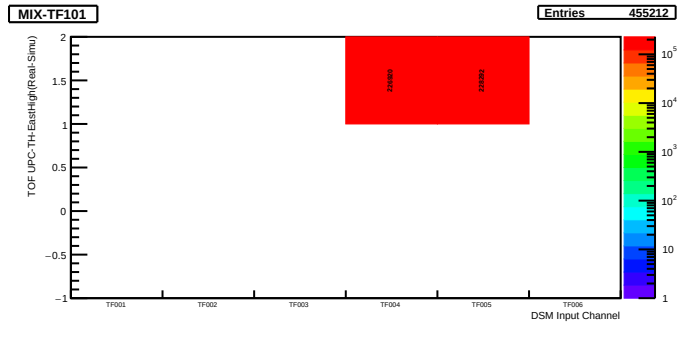

MIX-TF101
Entries 3934776
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

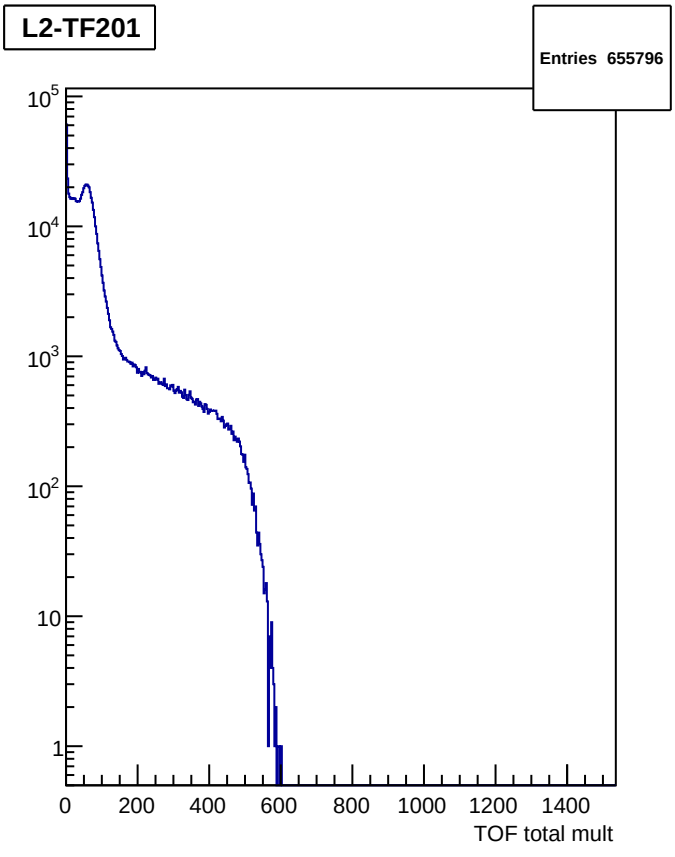

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

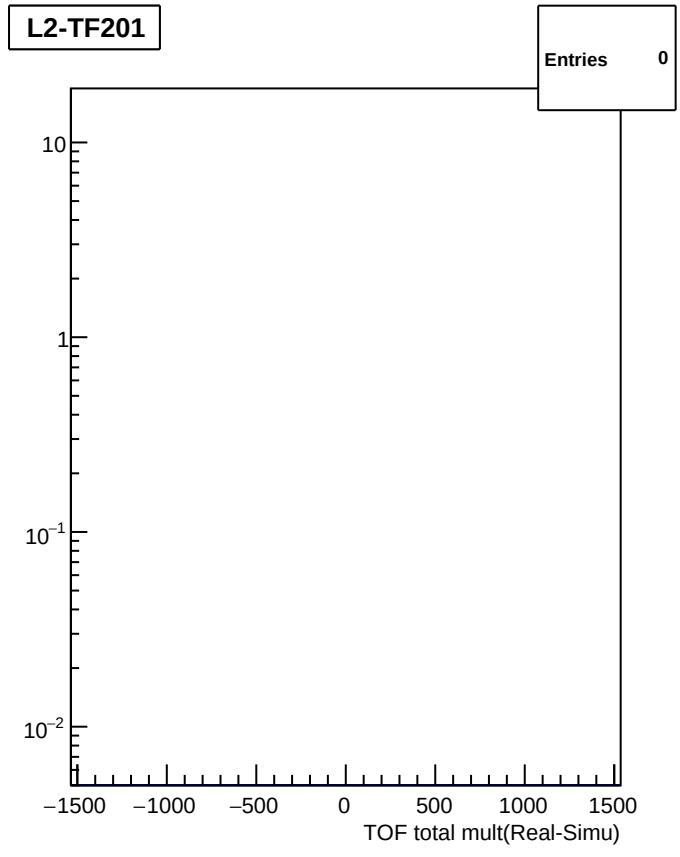

MIX-TF101
Entries 3934776
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

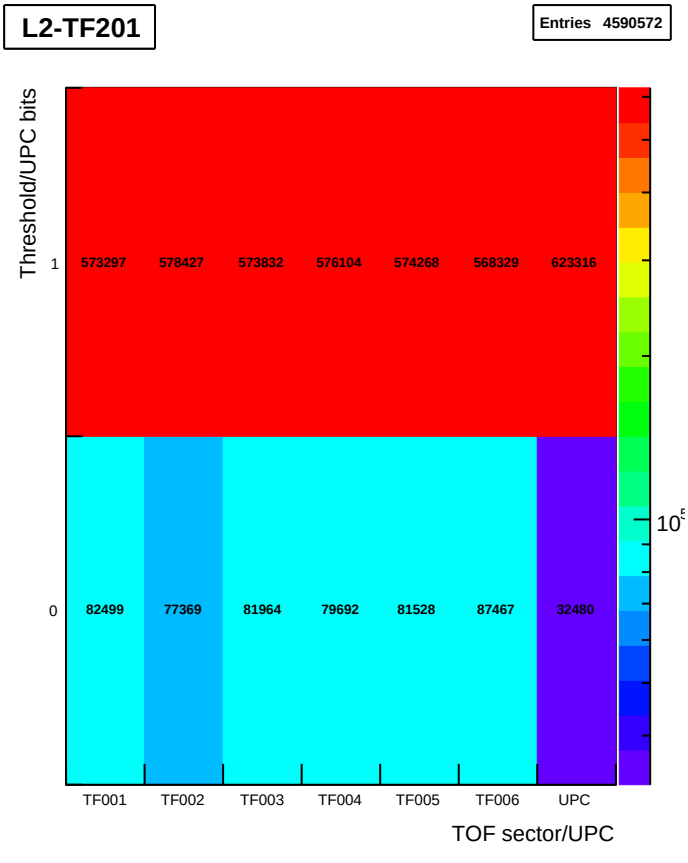

MIX-TF101
Entries 226696
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

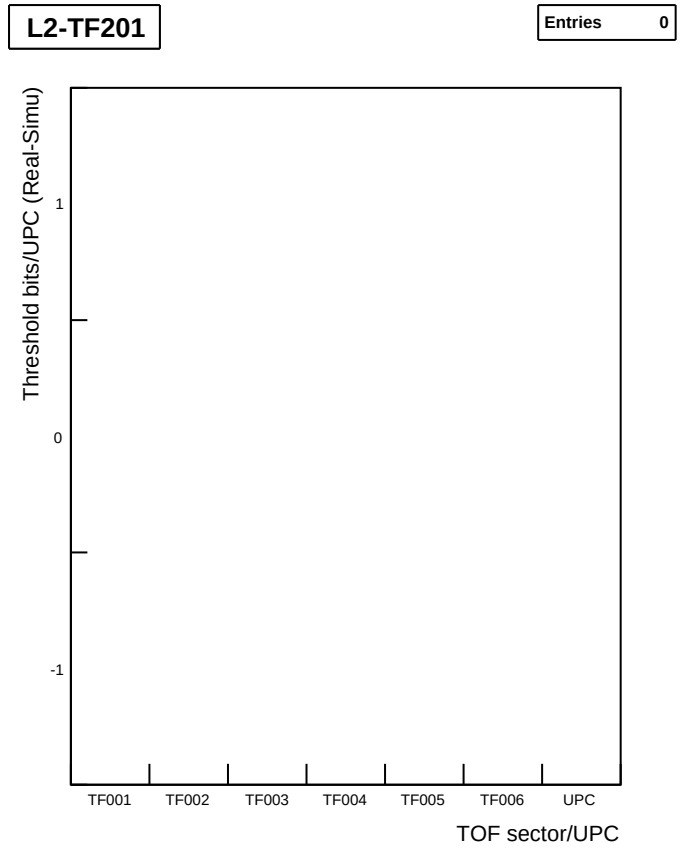

MIX-TF101
Entries 3934776
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

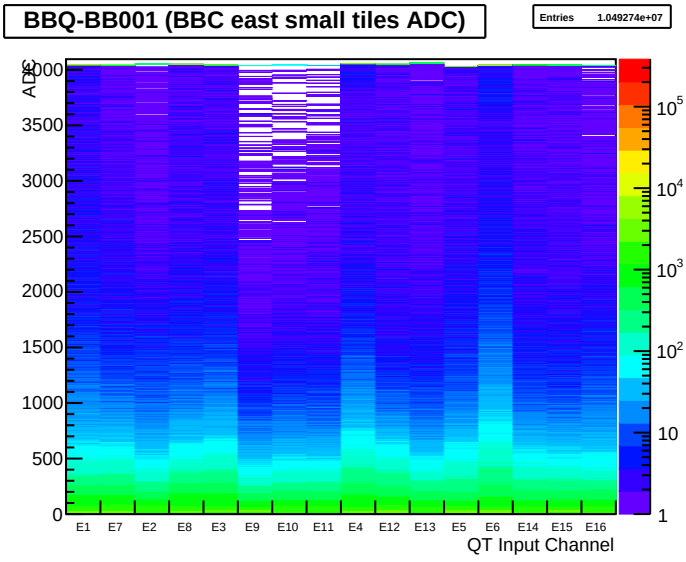

MIX-TF101
Entries 455212
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

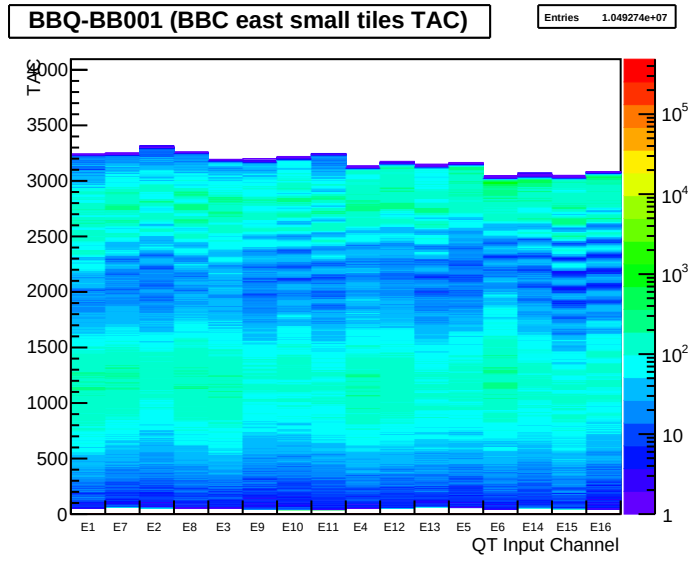

L2-TF201
Entries 655796
TOF total mult

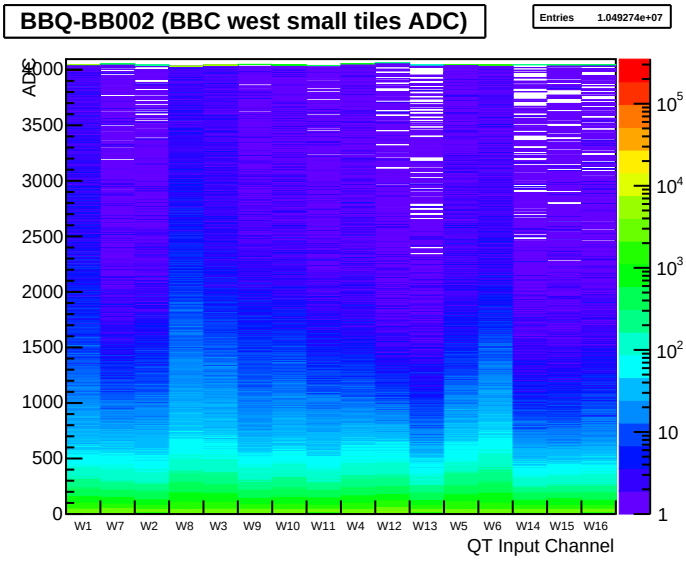

L2-TF201
Entries 0
TOF total mult(Real-Simu)

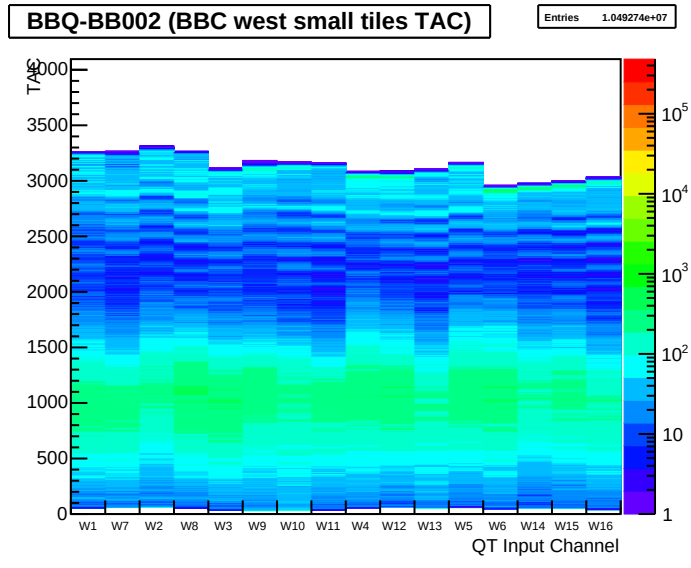

L2-TF201
Entries 4590572
Threshold/UPC bits
573297
578427
573832
576104
574268
568329
623316
82499
77369
81964
79692
81528
87467
32480
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

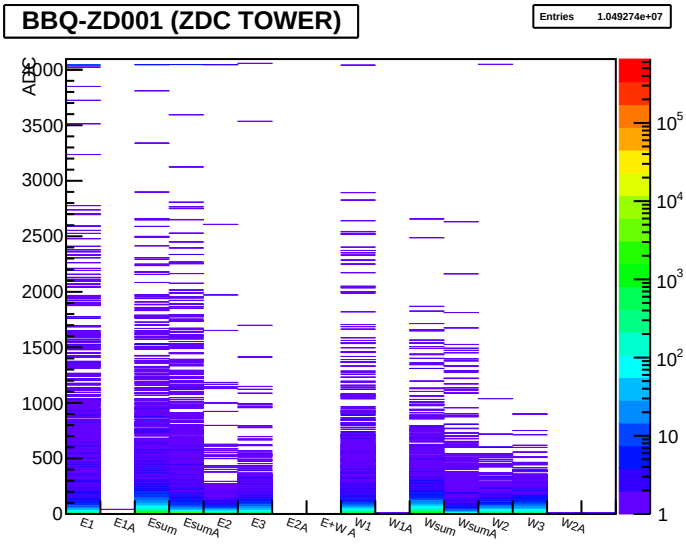

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

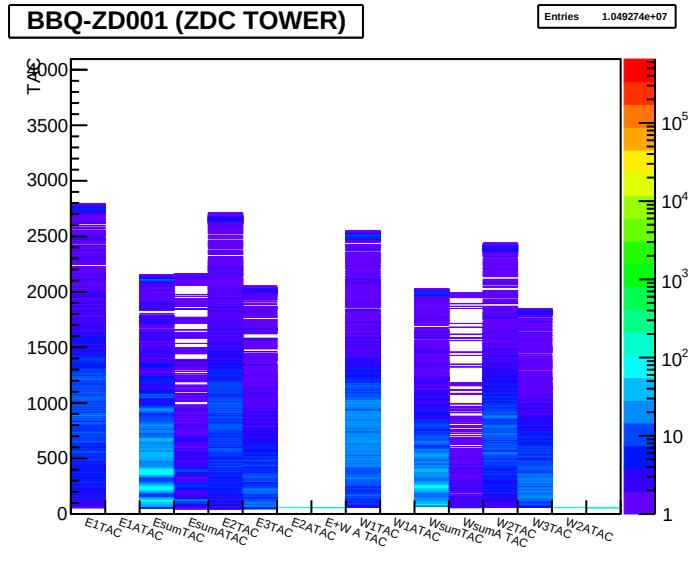

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.049274e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

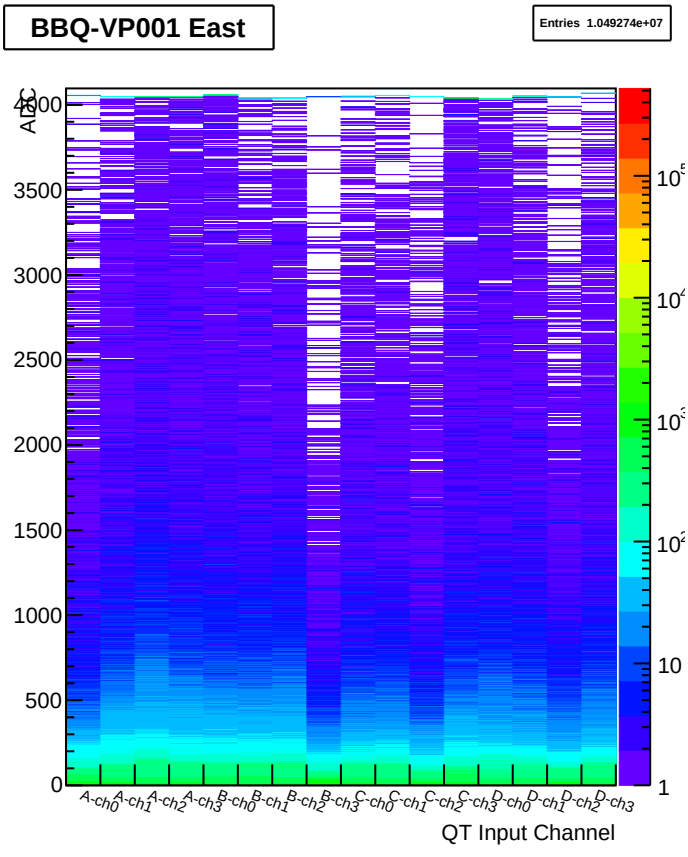

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.049274e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

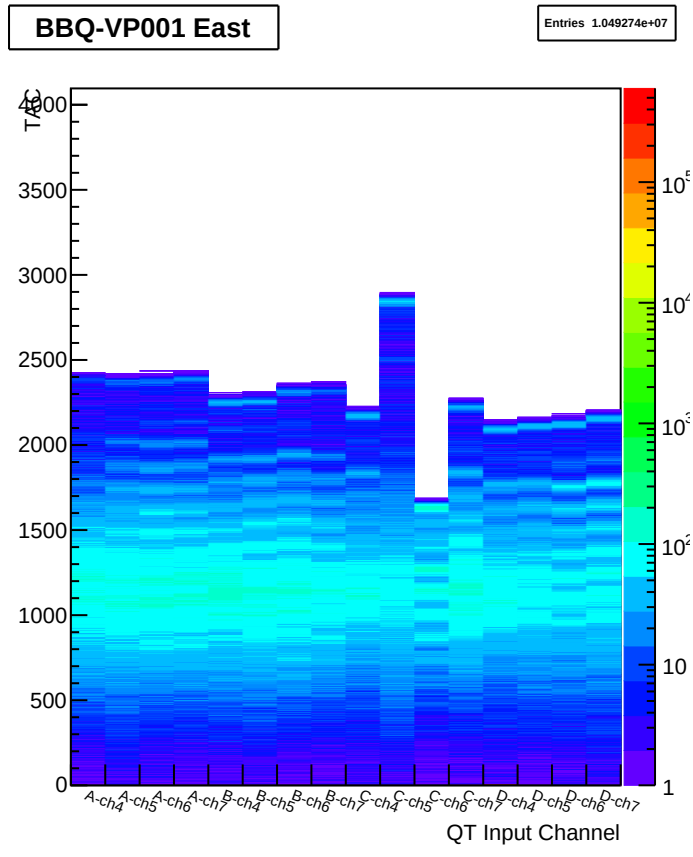

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.049274e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

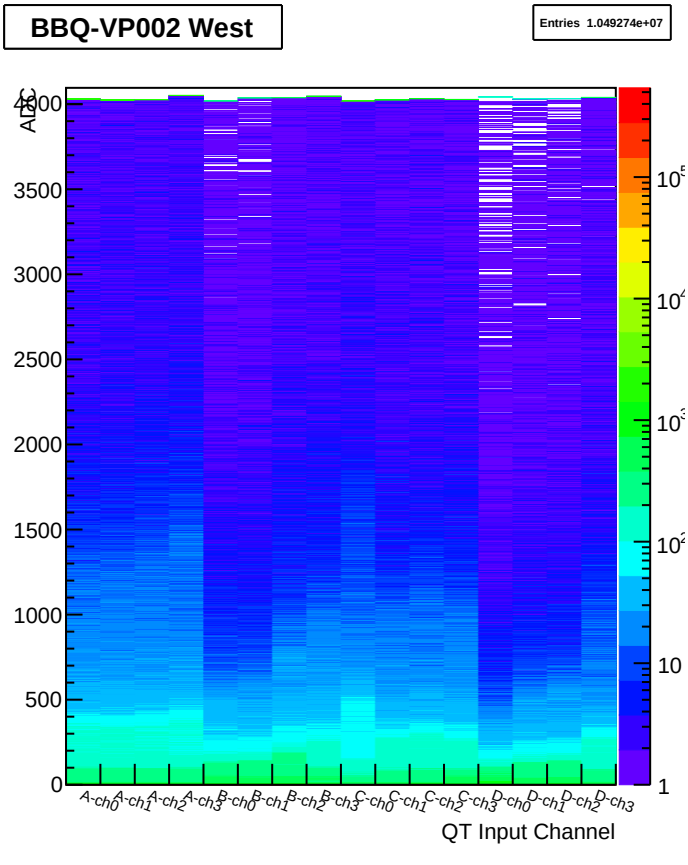

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.049274e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

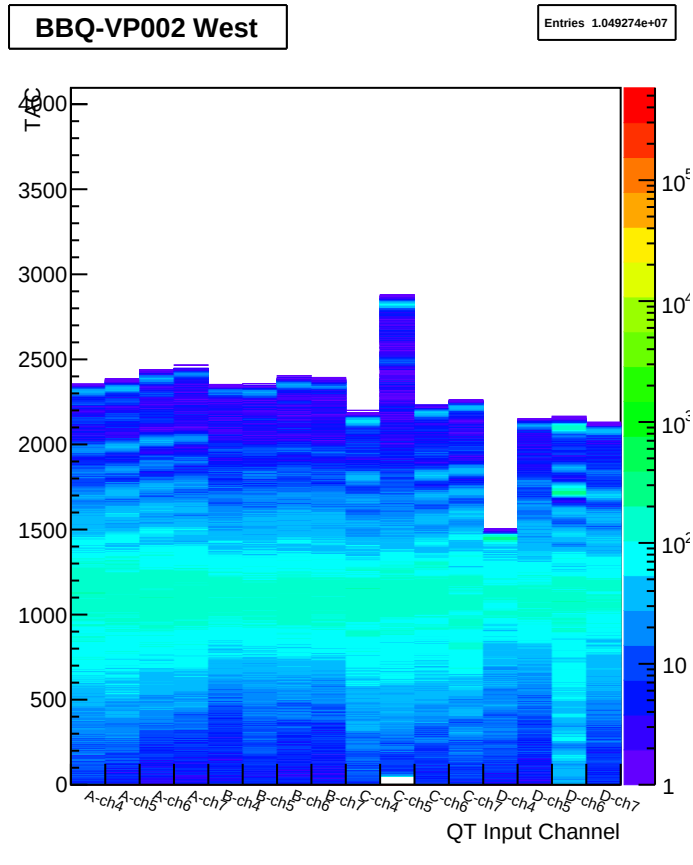

BBQ-ZD001 (ZDC TOWER)
Entries 1.049274e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

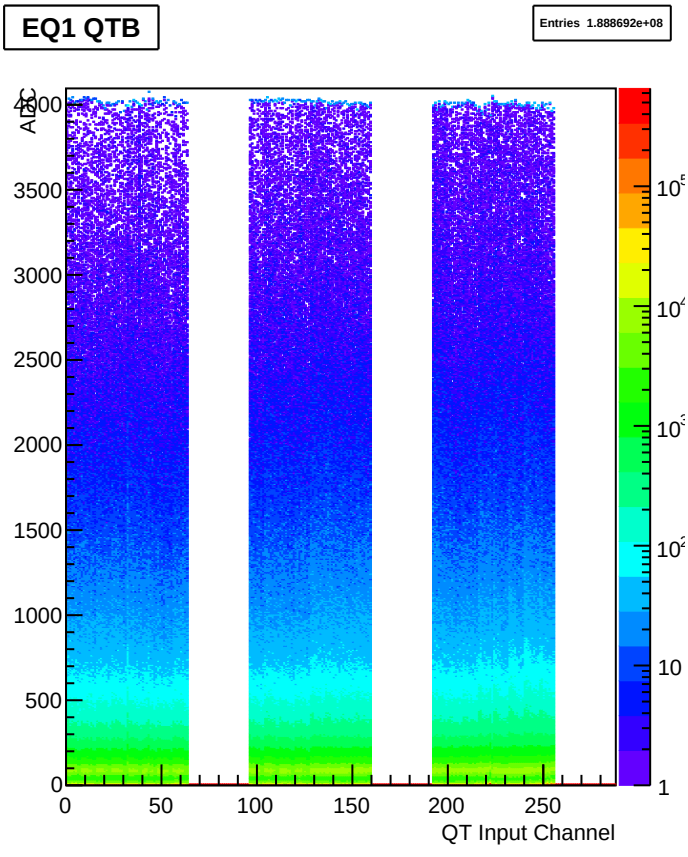

BBQ-ZD001 (ZDC TOWER)
Entries 1.049274e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

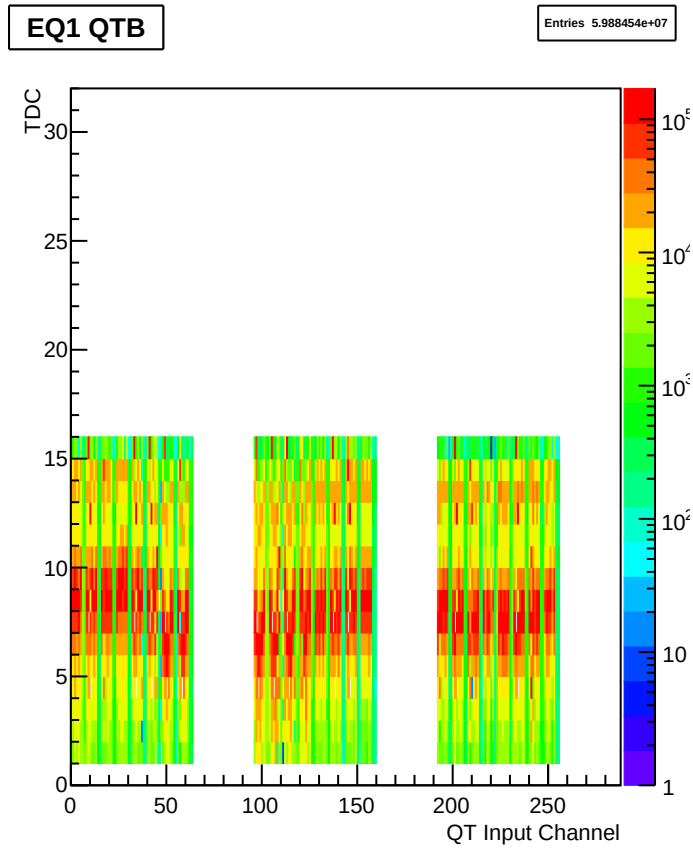

BBQ-VP001 East
Entries 1.049274e+07
ADC
QT Input Channel

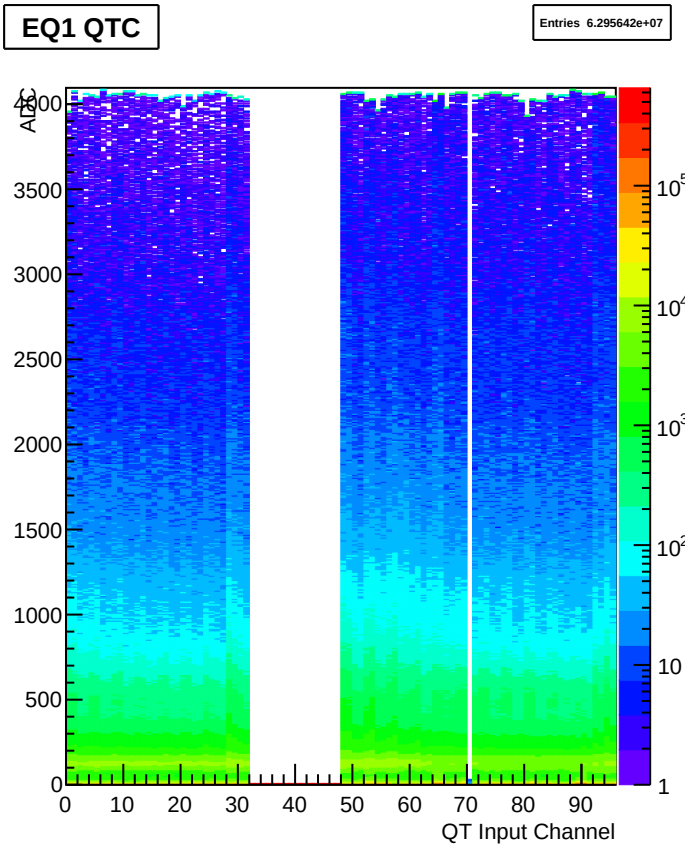

BBQ-VP001 East
Entries 1.049274e+07
TAC
QT Input Channel

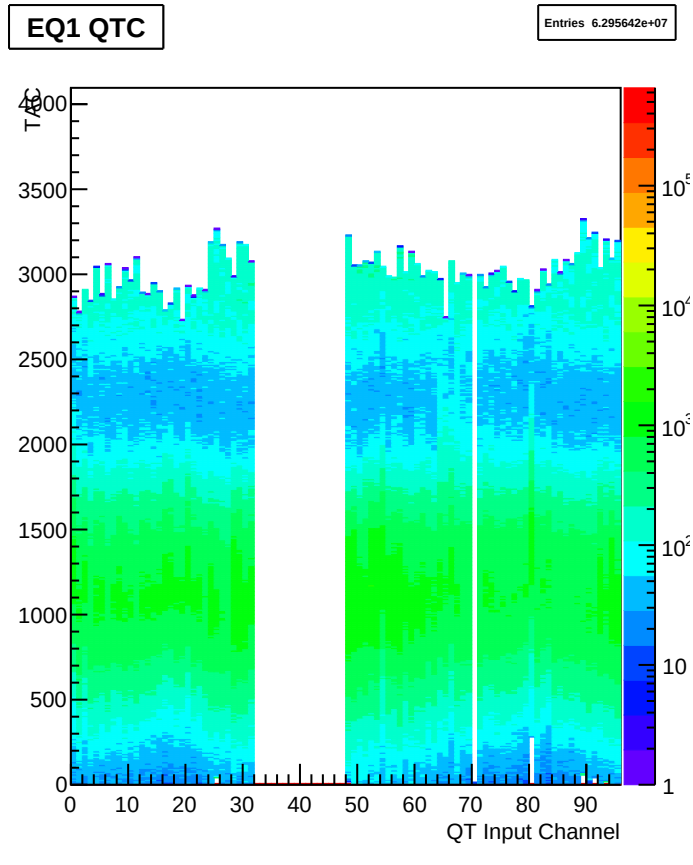

BBQ-VP002 West
Entries 1.049274e+07
ADC
QT Input Channel

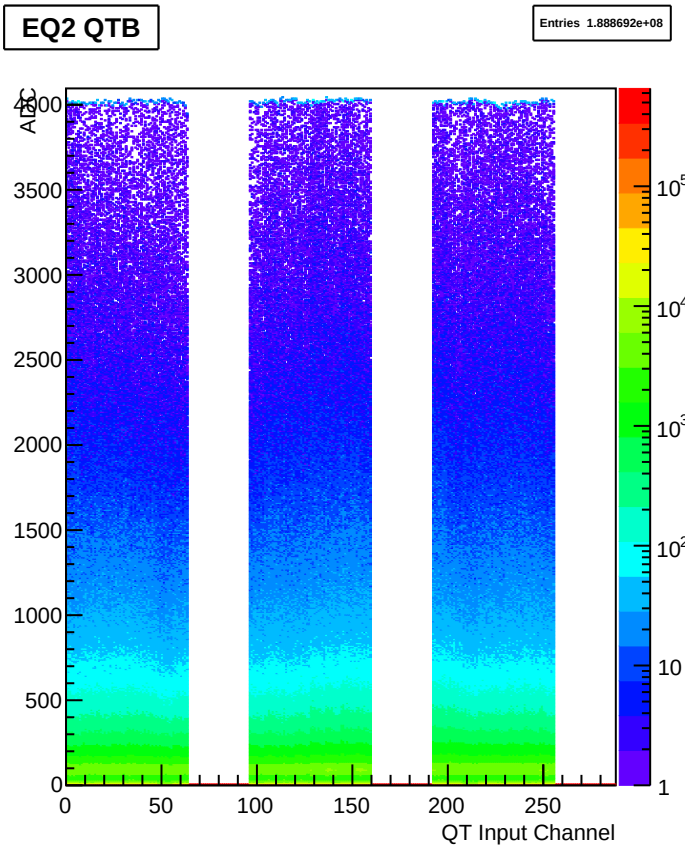

BBQ-VP002 West
Entries 1.049274e+07
TAC
QT Input Channel

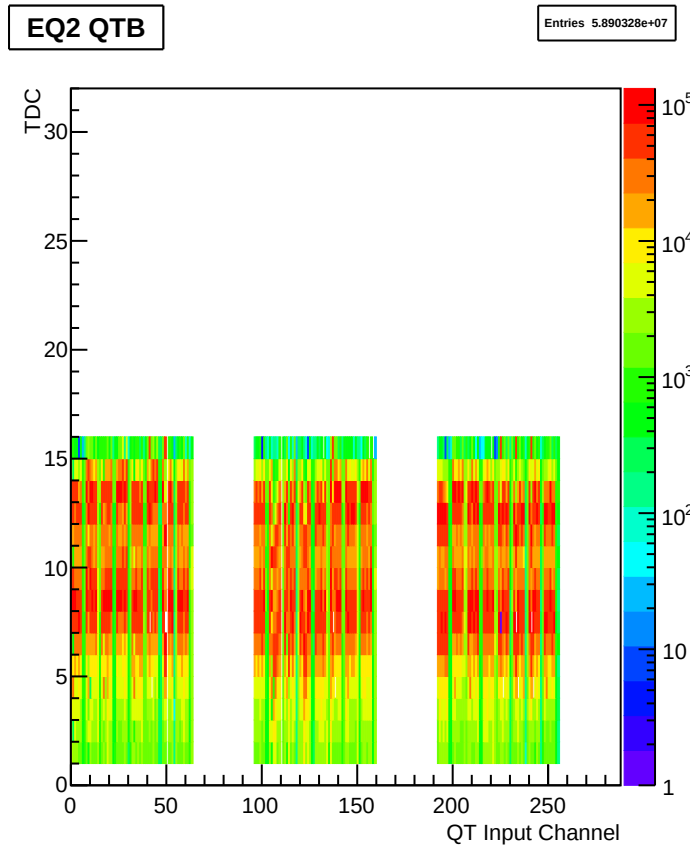

EQ1 QTB
Entries 1.888692e+08
ADC
QT Input Channel

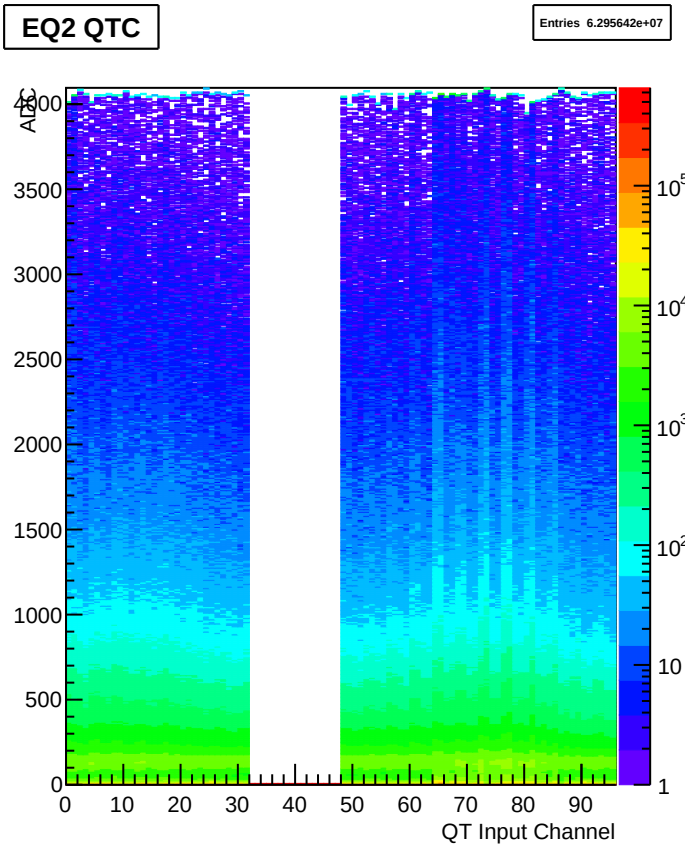

EQ1 QTB
Entries 5.988454e+07
TDC
QT Input Channel

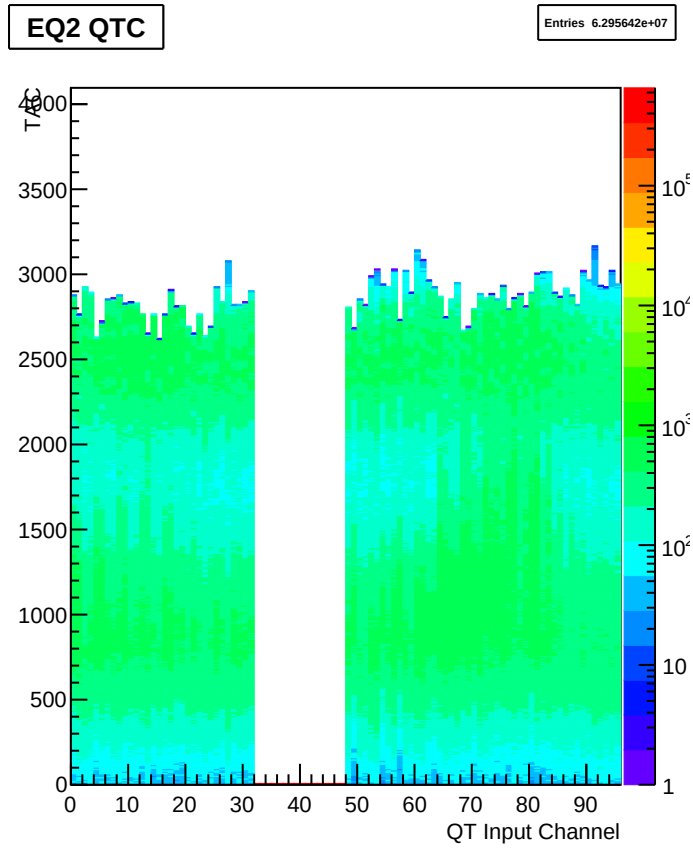

EQ1 QTC
Entries 6.295642e+07
ADC
QT Input Channel

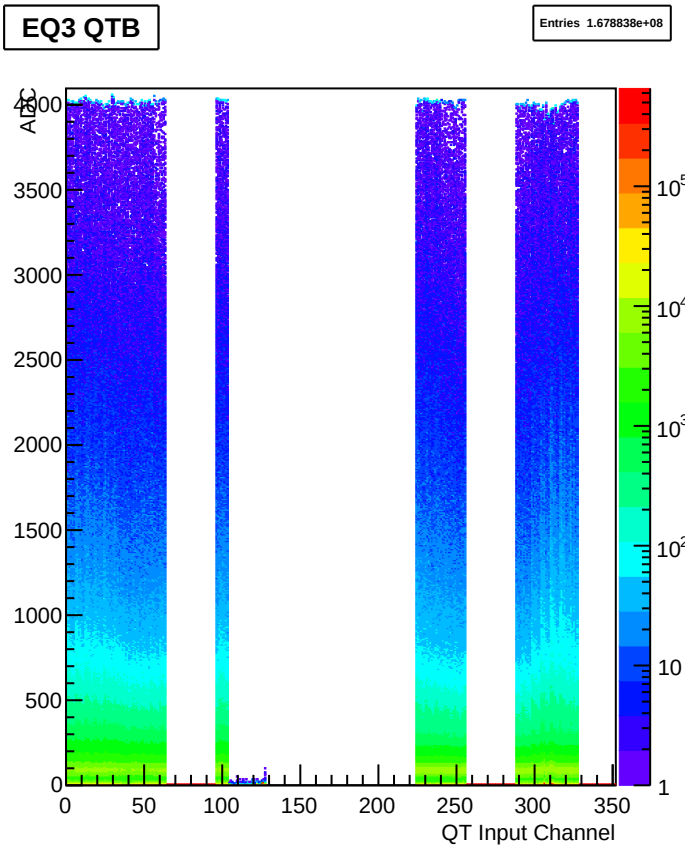

EQ1 QTC
Entries 6.295642e+07
TADC
QT Input Channel

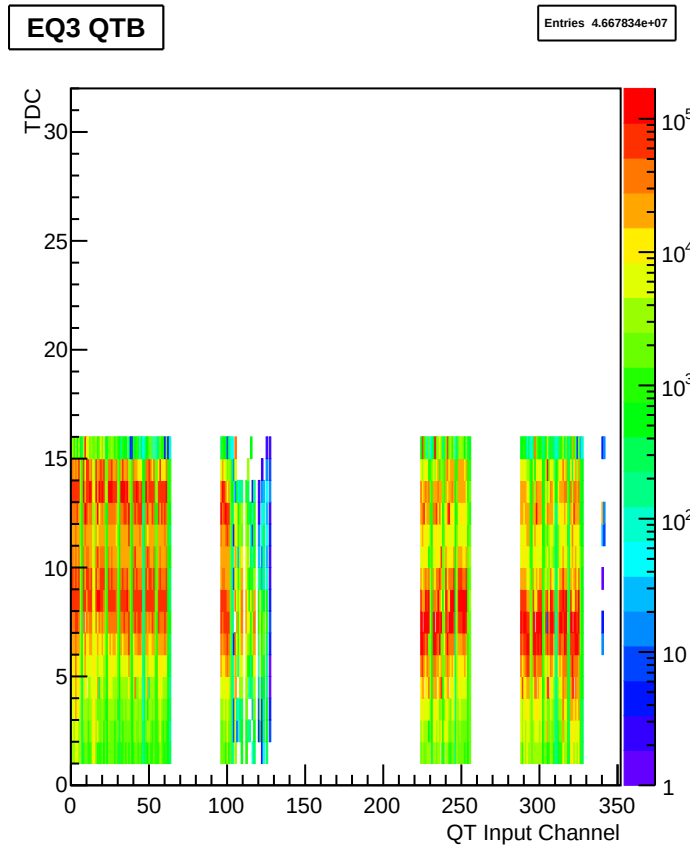

EQ2 QTB
Entries 1.888692e+08
ADC
QT Input Channel

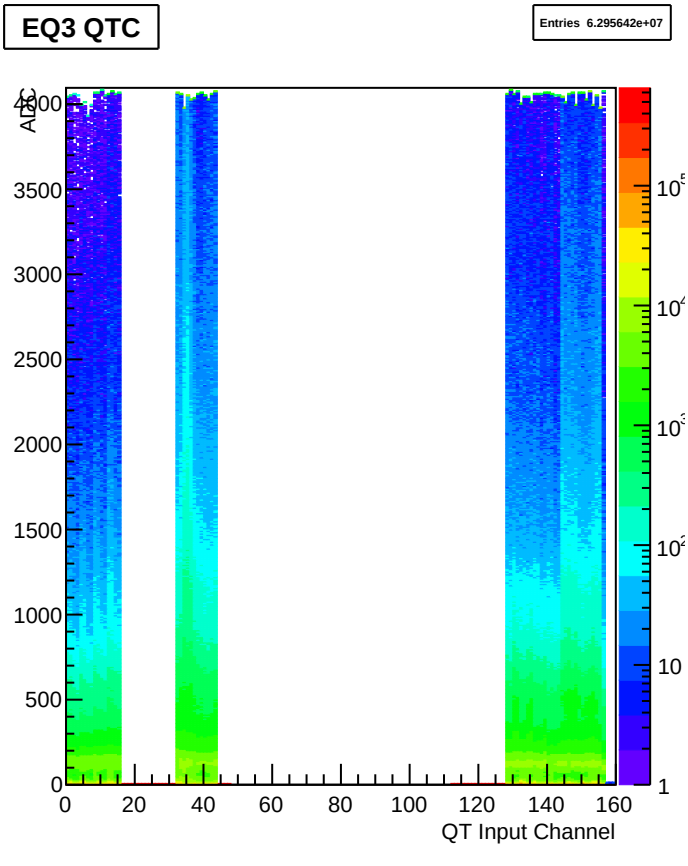

EQ2 QTB
Entries 5.890328e+07
TDC
QT Input Channel

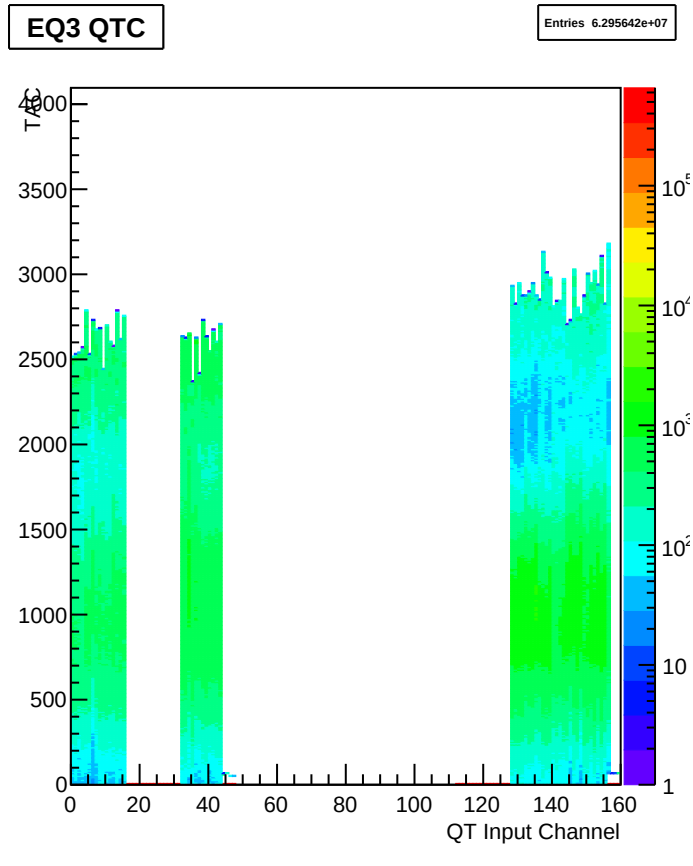

EQ2 QTC
Entries 6.295642e+07
ADC
QT Input Channel

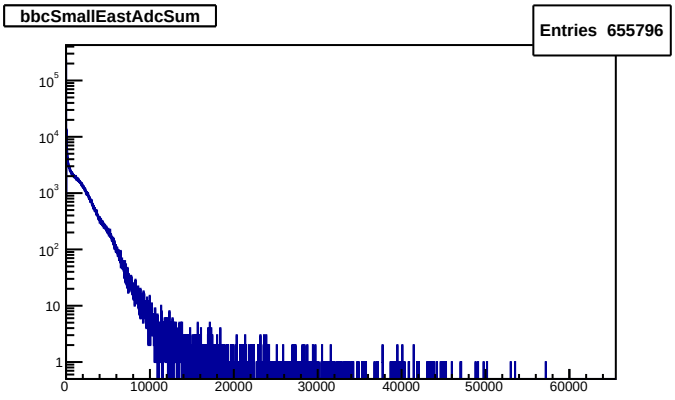

EQ2 QTC
Entries 6.295642e+07
TADC
QT Input Channel

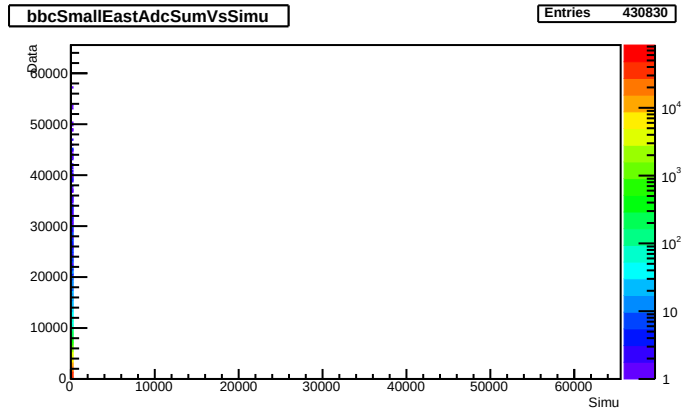

EQ3 QTB
Entries 1.678838e+08
ADC
QT Input Channel

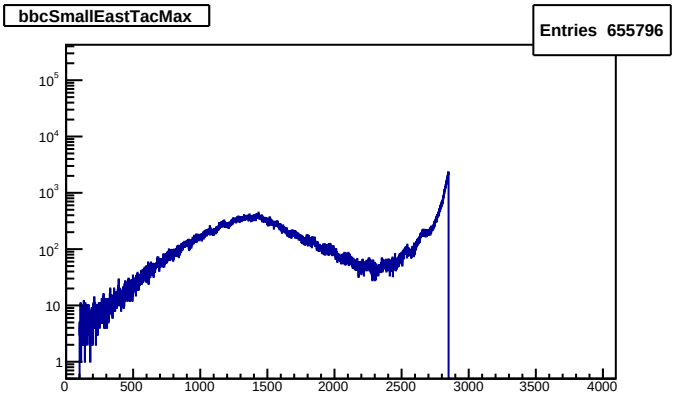

EQ3 QTB
Entries 4.667834e+07
TDC
QT Input Channel

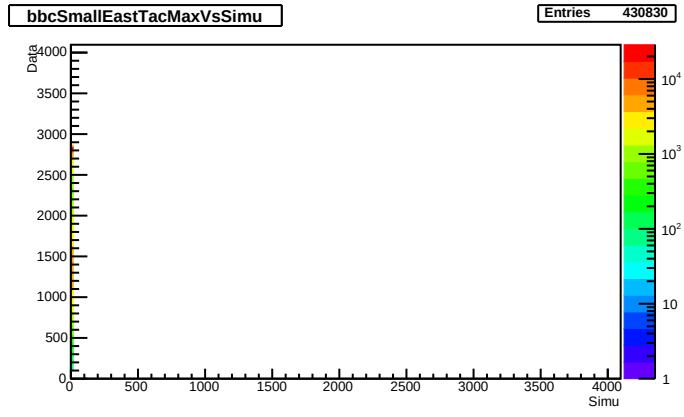

EQ3 QTC
Entries 6.295642e+07
ADC
QT Input Channel

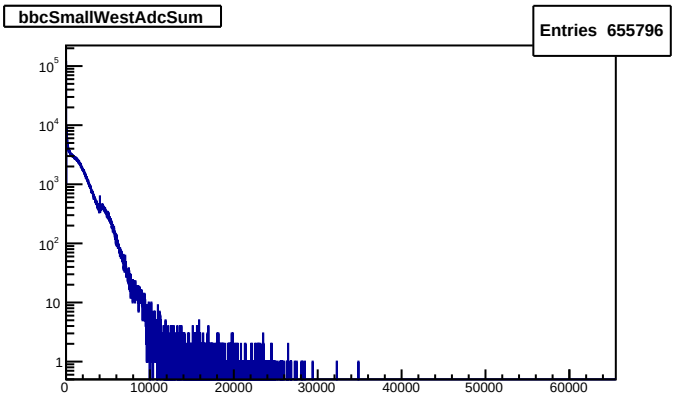

EQ3 QTC
Entries 6.295642e+07
TADC
QT Input Channel

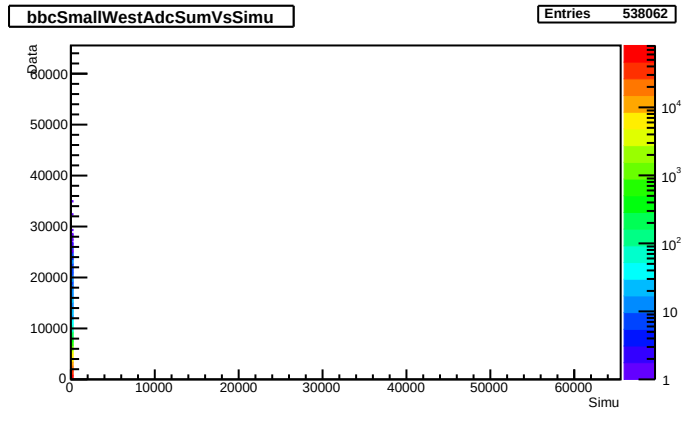

bbcSmallEastAdcSum
Entries 655796


bbcSmallEastAdcSumVsSimu
Entries 430830
Data
Simu


bbcSmallEastTacMax
Entries 655796


bbcSmallEastTacMaxVsSimu
Entries 430830
Data
Simu


bbcSmallWestAdcSum
Entries 655796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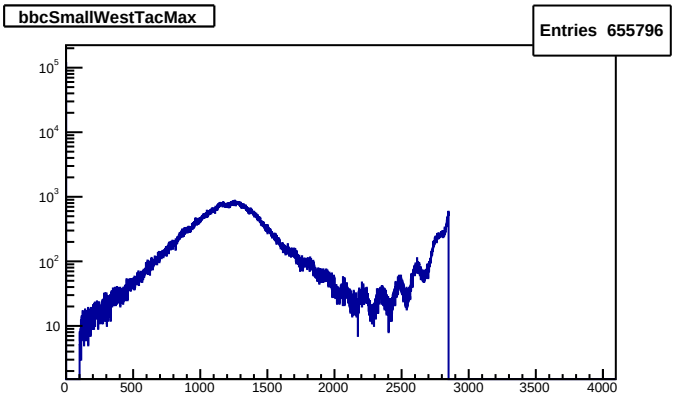
Entries 538062
Data
Simu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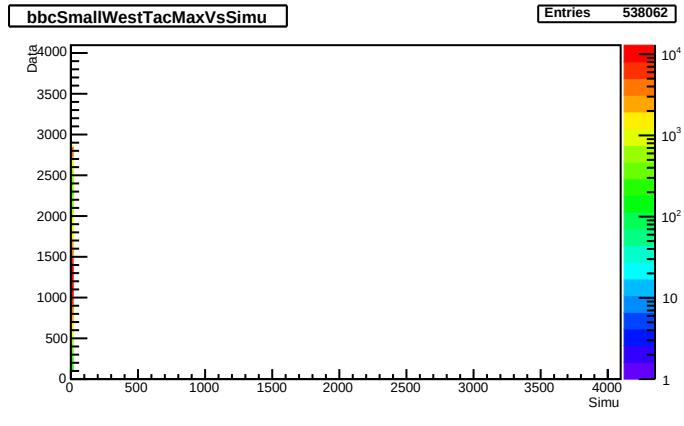
Entries 655796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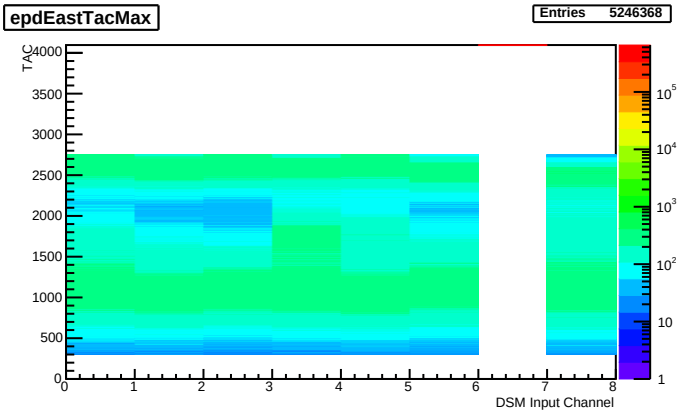
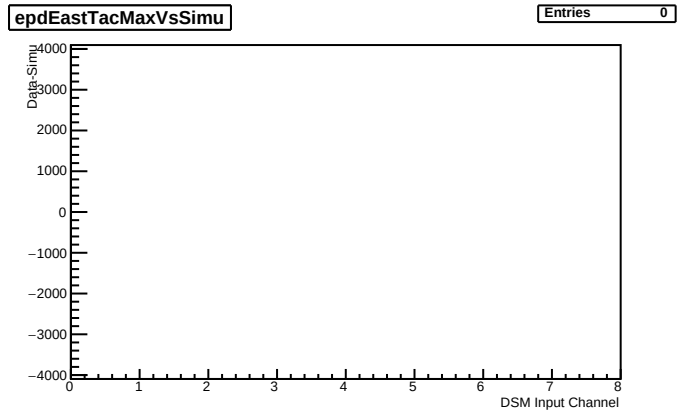
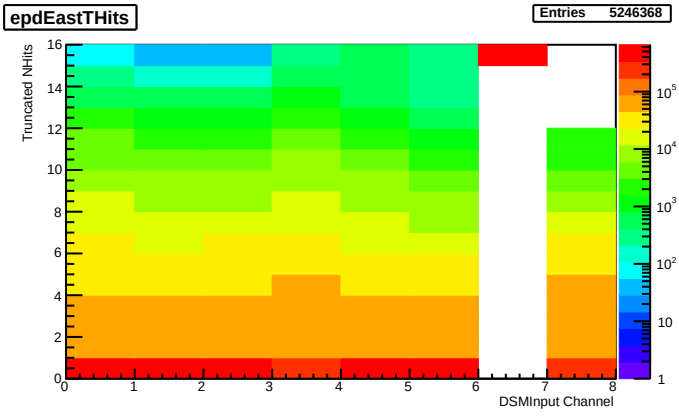
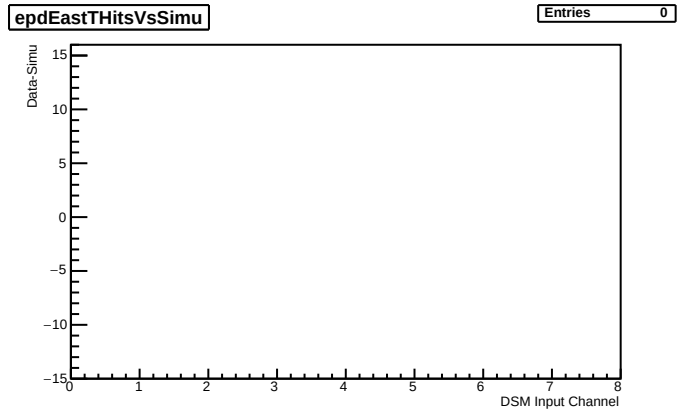
Entries 538062
Data
Simu


epdEastTacMax
Entries 5246368
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5246368
Truncated NHits
DSMInput Channel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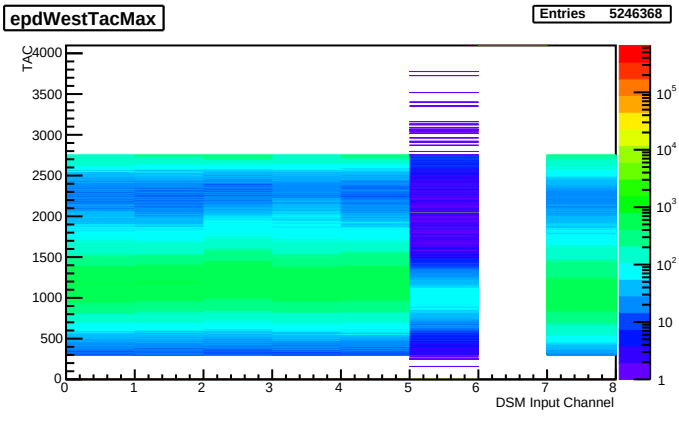
DSM Input Channel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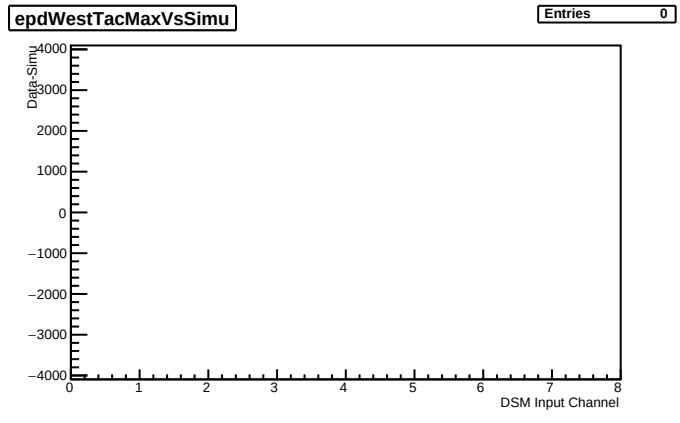
Entries 5246368
TAC
DSM Input Channel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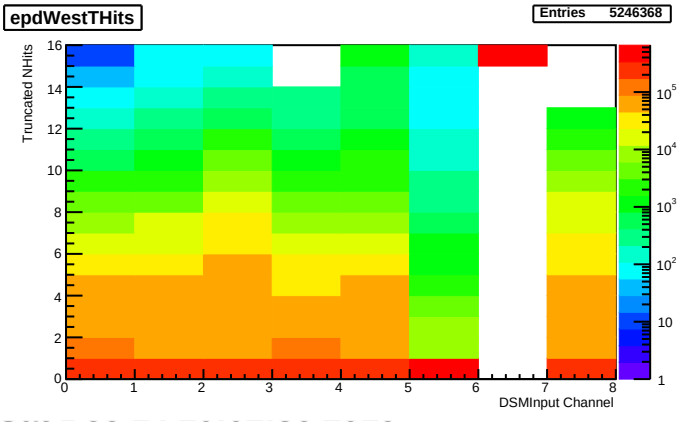
DSM Input Channel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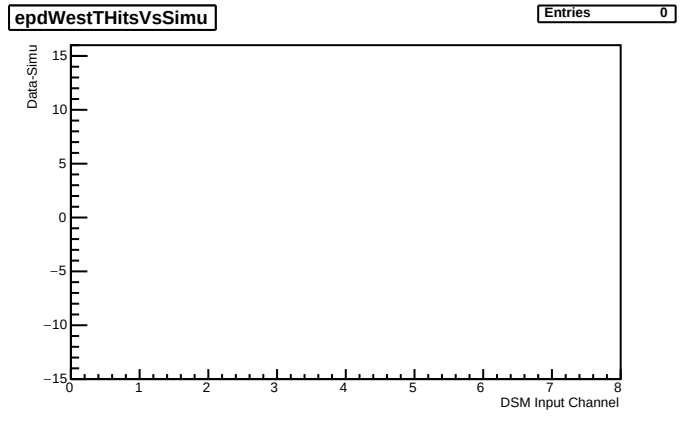
Entries 5246368
Truncated NHits
DSMInput Channel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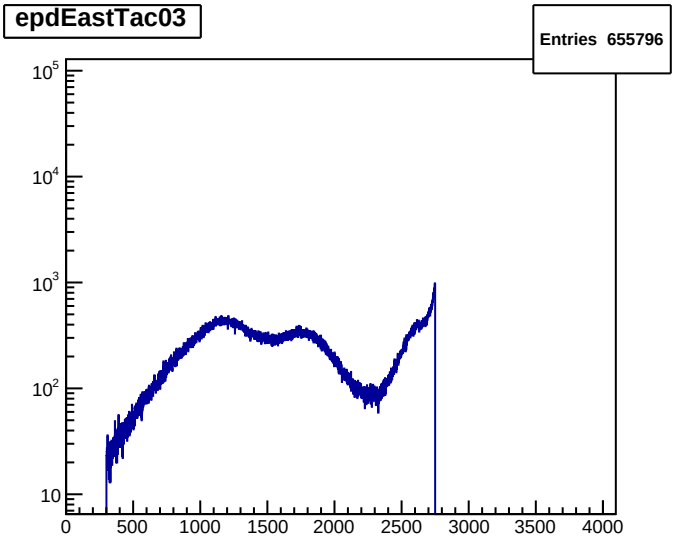
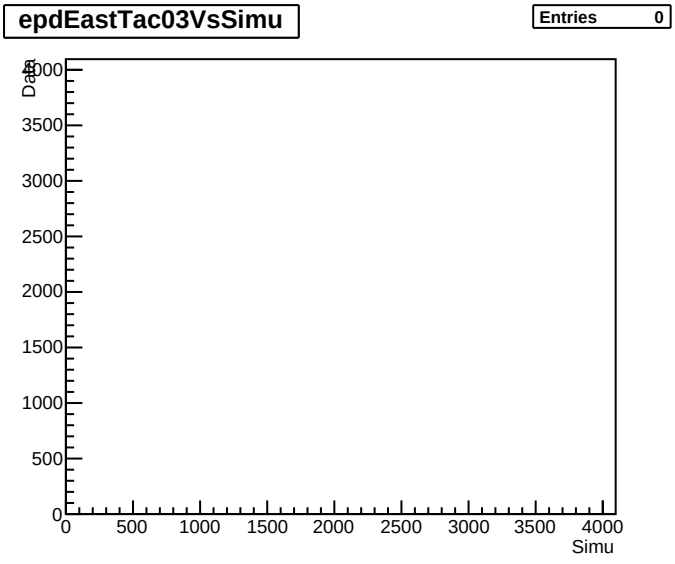
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 655796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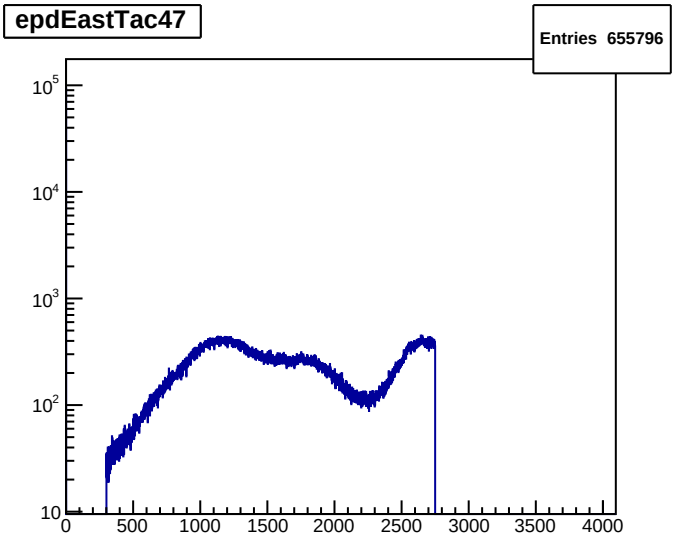
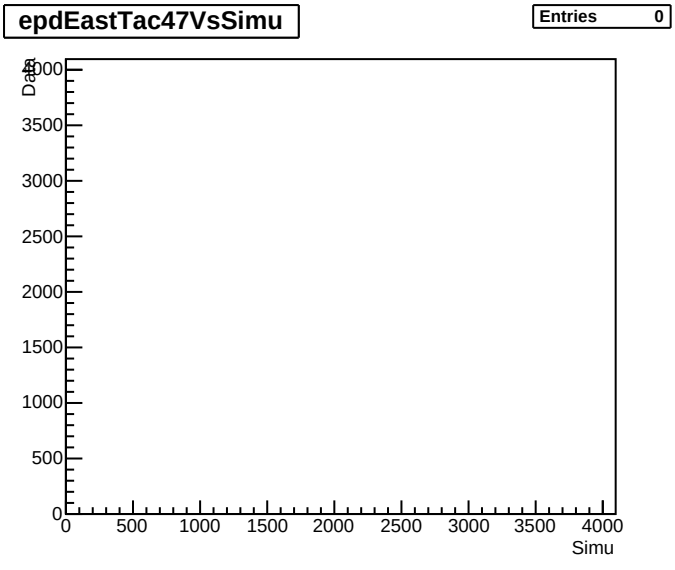
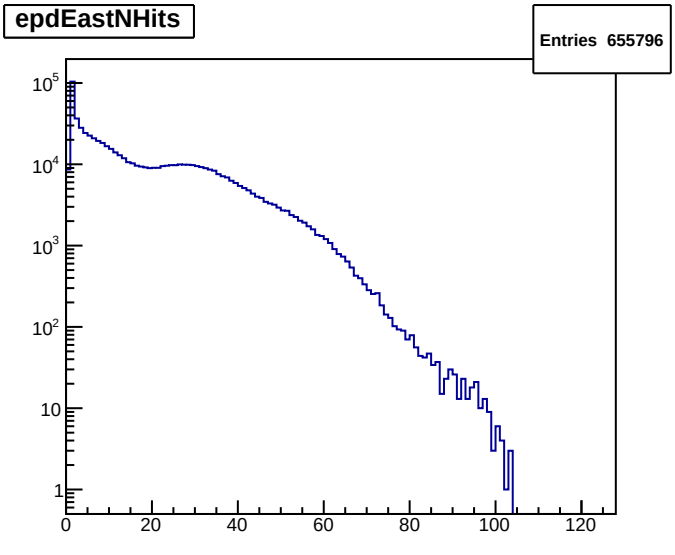
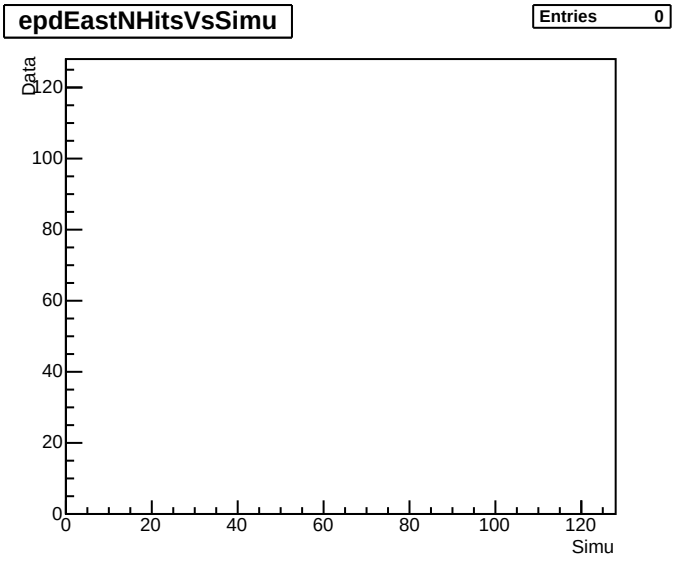
Entries 0
Data
Simu


epdEastTac47
Entries 655796


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 655796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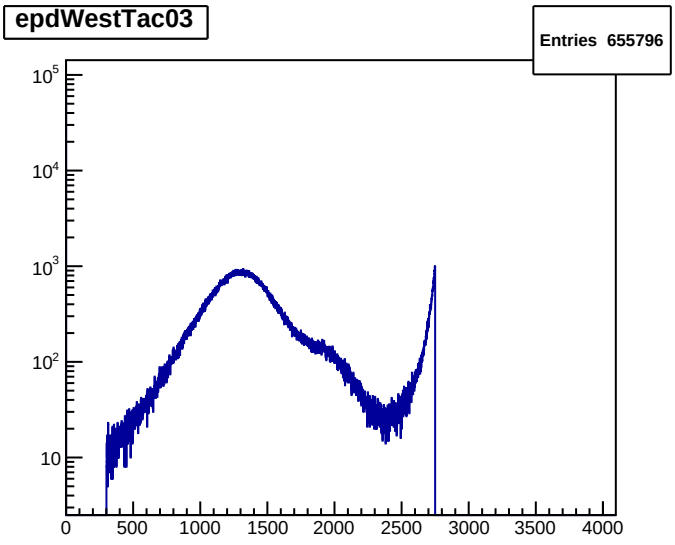
Data
Simu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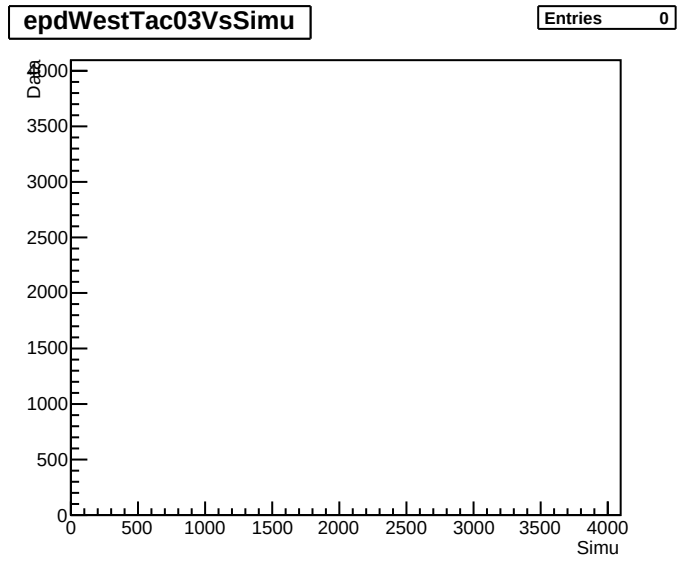
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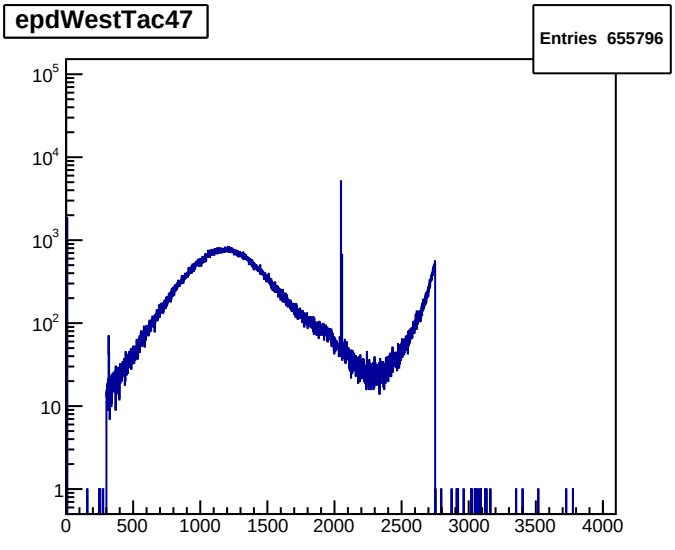
Entries 0
Data
Simu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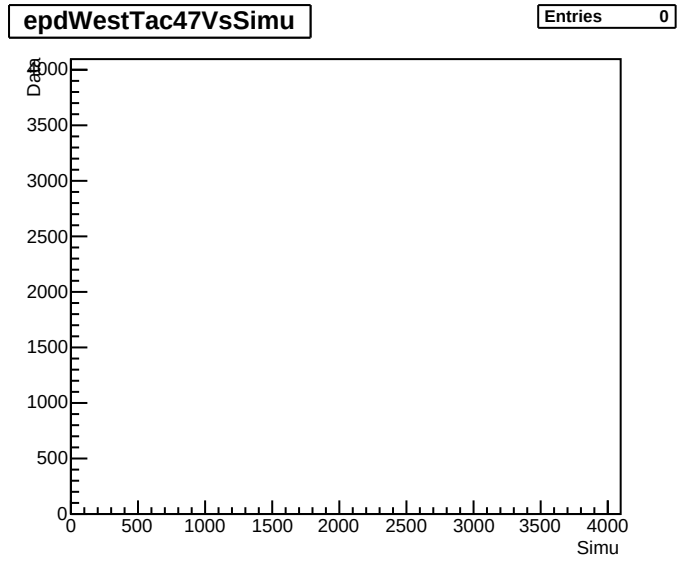
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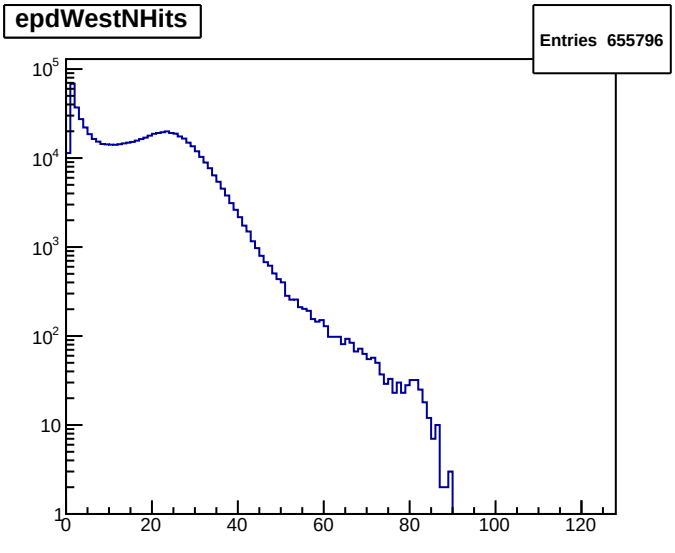
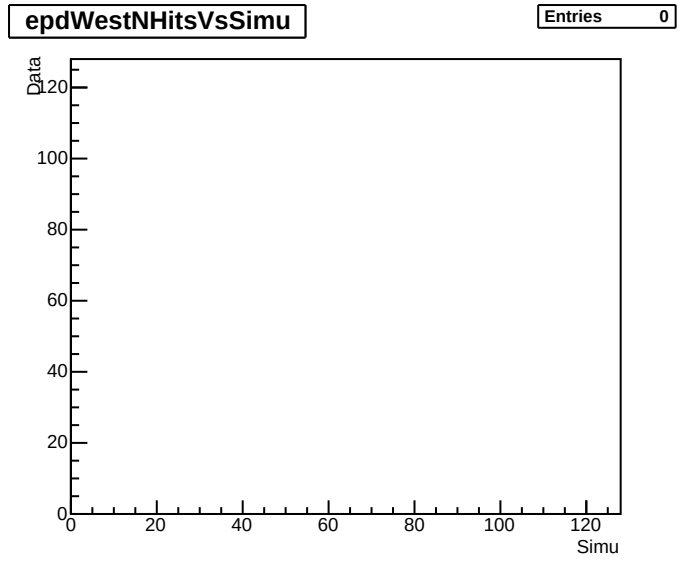
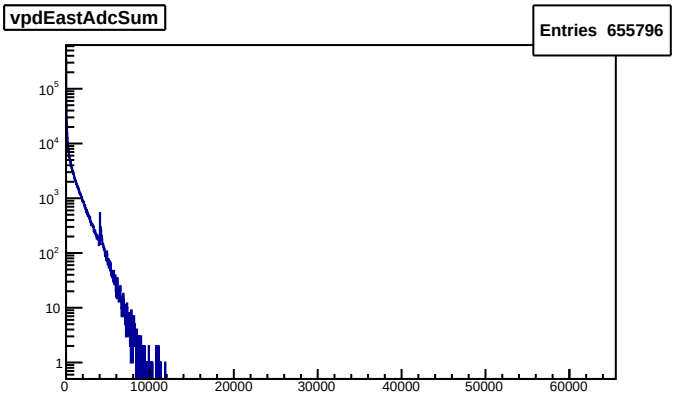
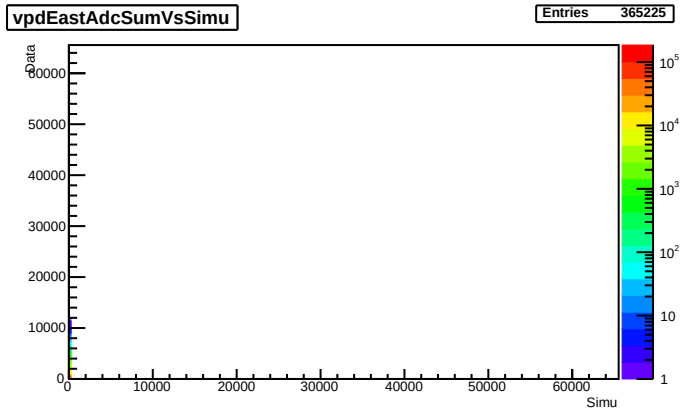
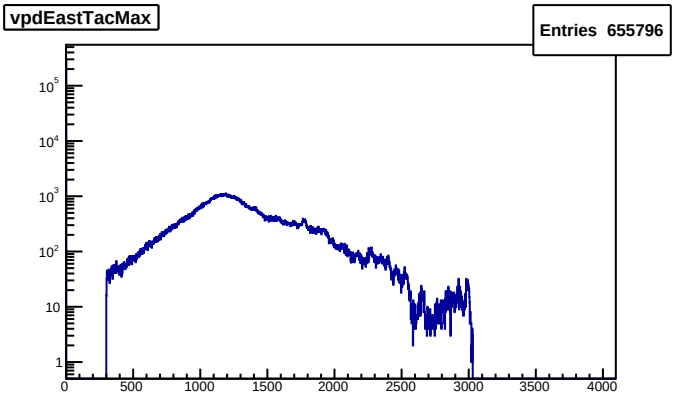
Entries 0
Data
Simu

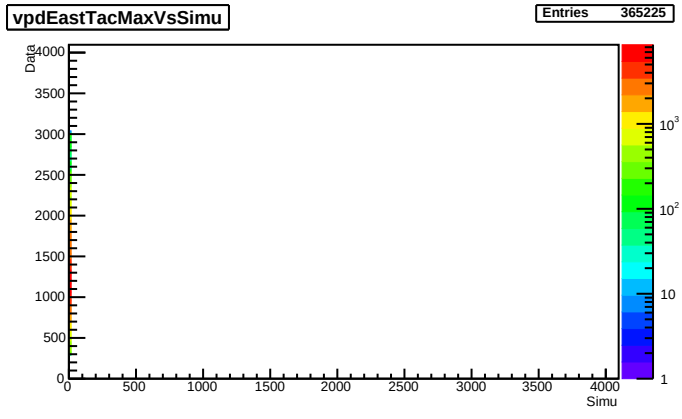

epdWestNHits
Entries 655796

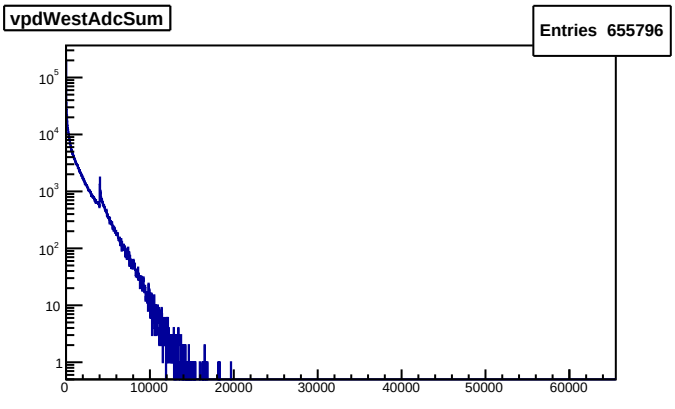

epdWestNHitsVsSimu
Entries 0
Data
Simu

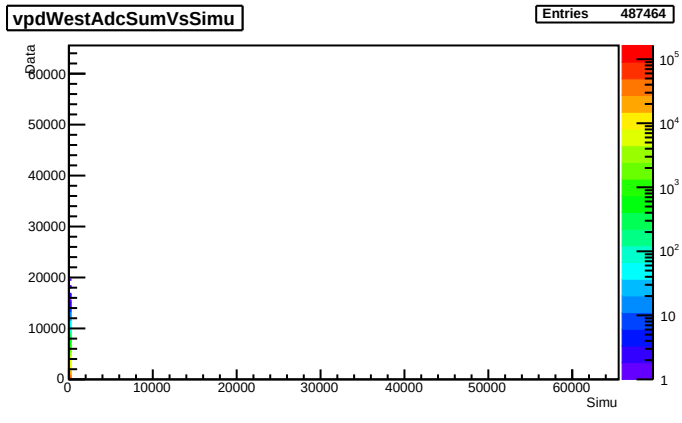

vpdEastAdcSum
Entries 655796

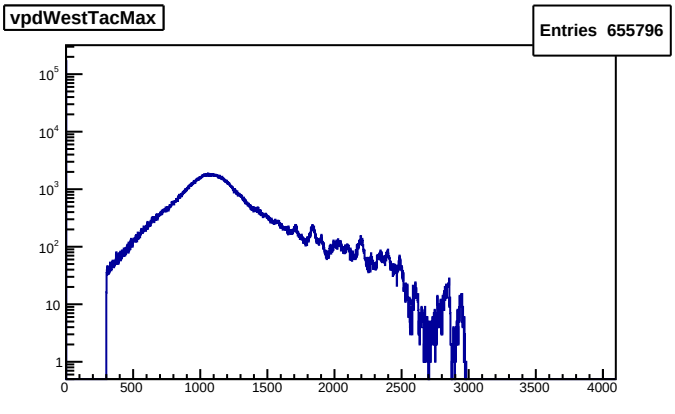

vpdEastAdcSumVsSimu
Entries 365225
Data
Simu

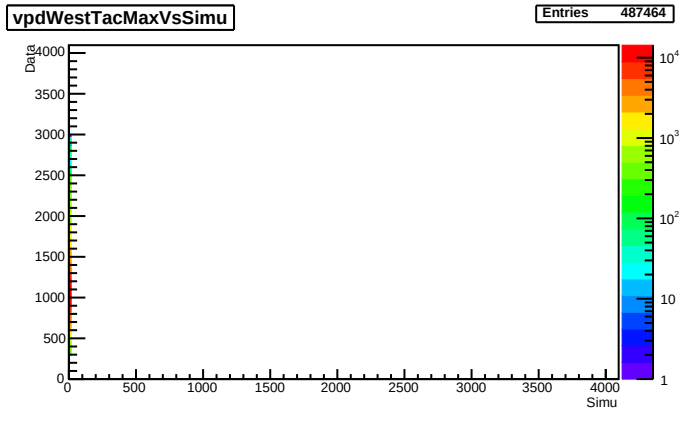

vpdEastTacMax
Entries 655796

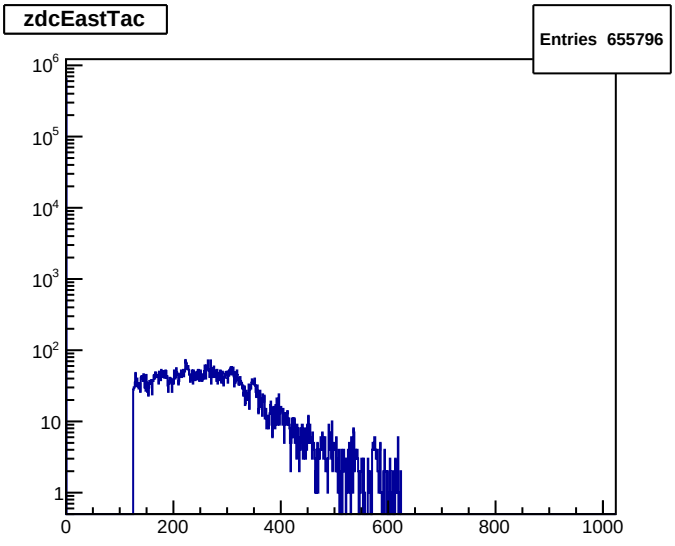

vpdEastTacMaxVsSimu
Entries 365225
Data
Simu

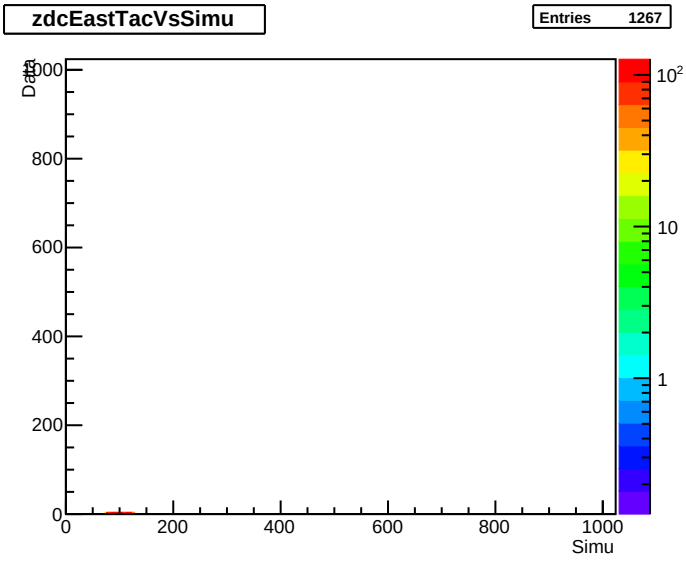

vpdWestAdcSum
Entries 655796

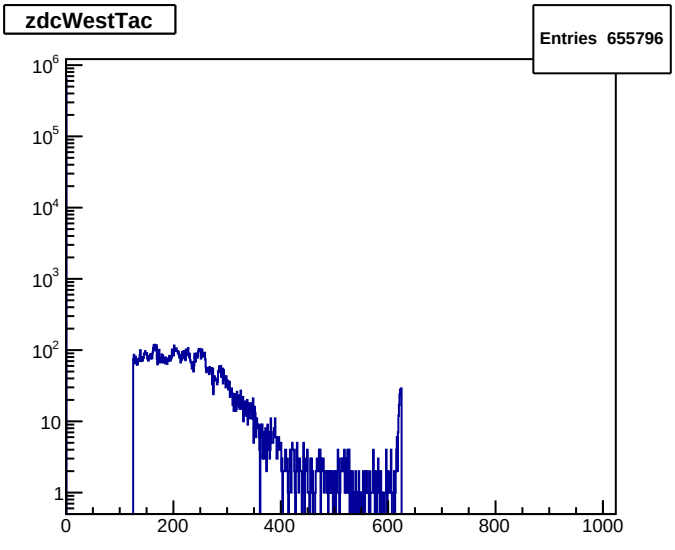

vpdWestAdcSumVsSimu
Entries 487464
Data
Simu

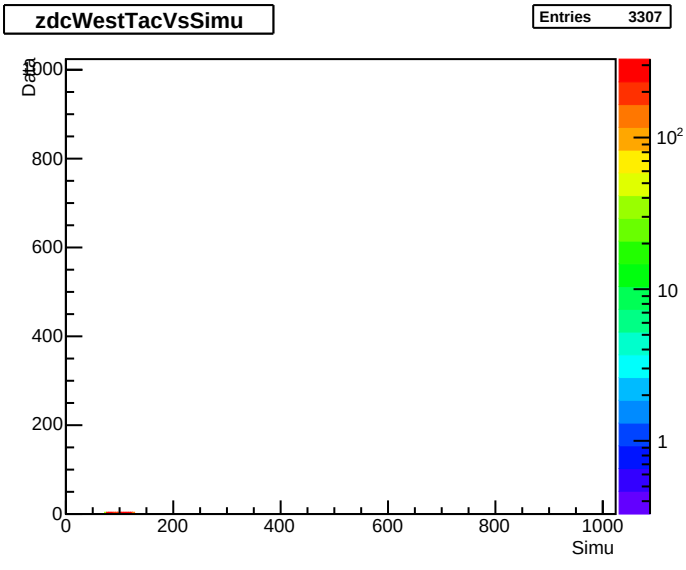

vpdWestTacMax
Entries 655796

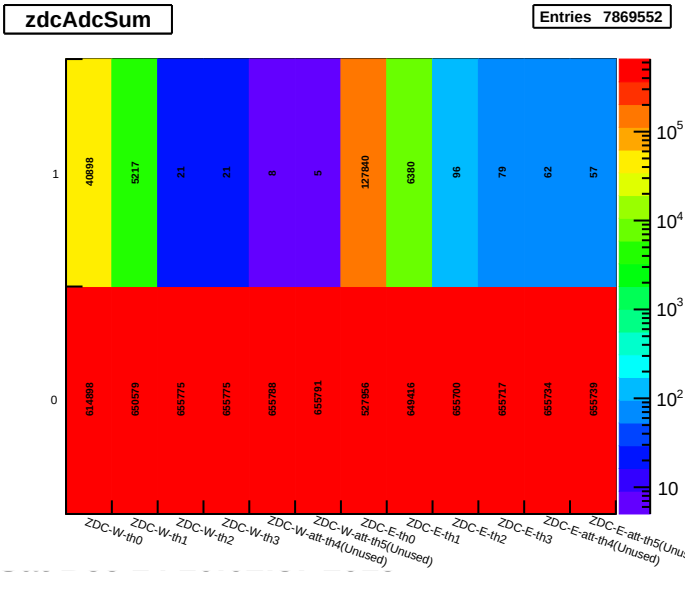

vpdWestTacMaxVsSimu
Entries 487464
Data
Simu

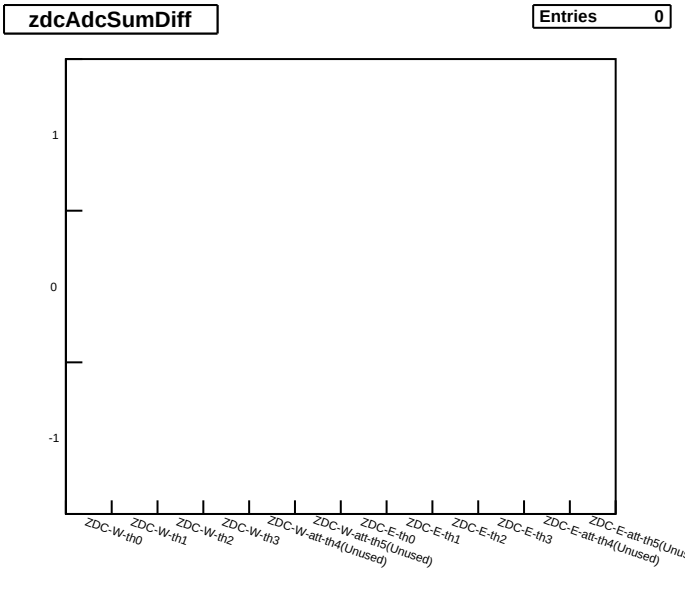

zdcEastTac
Entries 655796

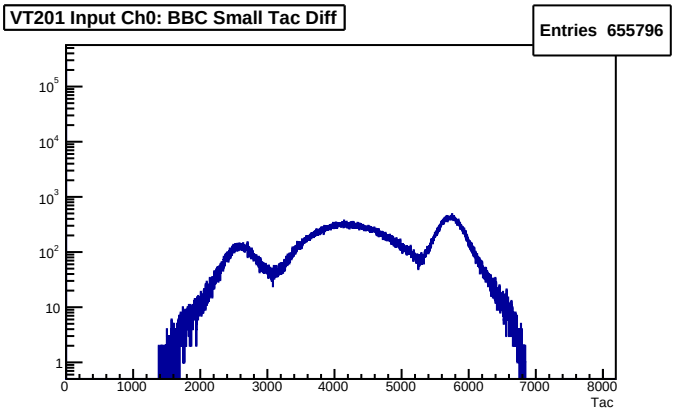

zdcEastTacVsSimu
Entries 1267
Data
Simu

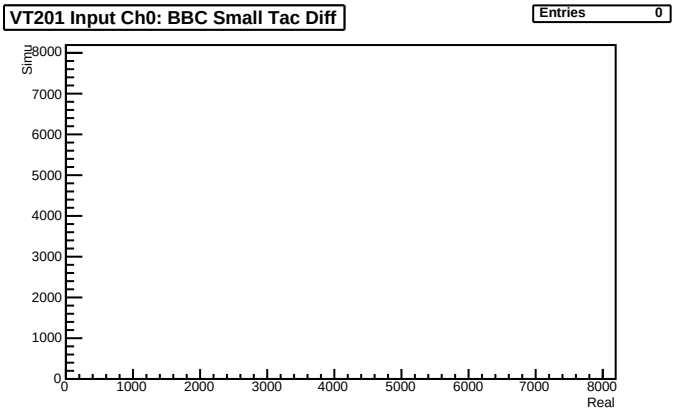

zdcWestTac
Entries 655796

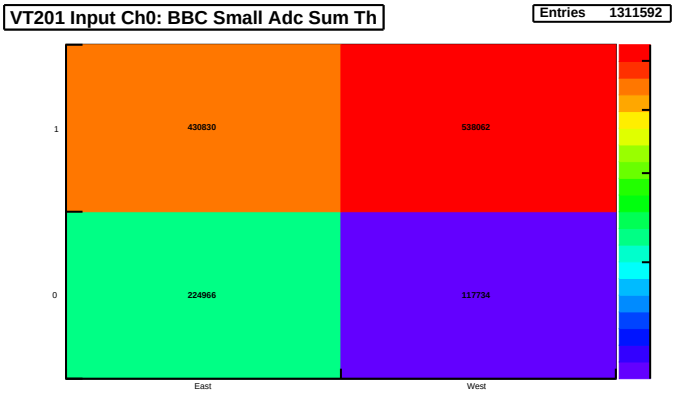

zdcWestTacVsSimu
Entries 3307
Data
Simu

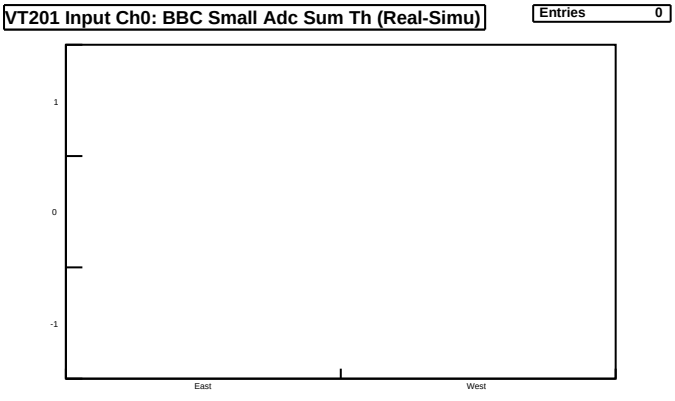

zdcAdcSum
Entries 7869552
40898
5217
21
21
8
5
127840
6380
96
79
62
57
614888
650579
655775
655775
655788
655791
527566
649416
655700
655717
655734
655739
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

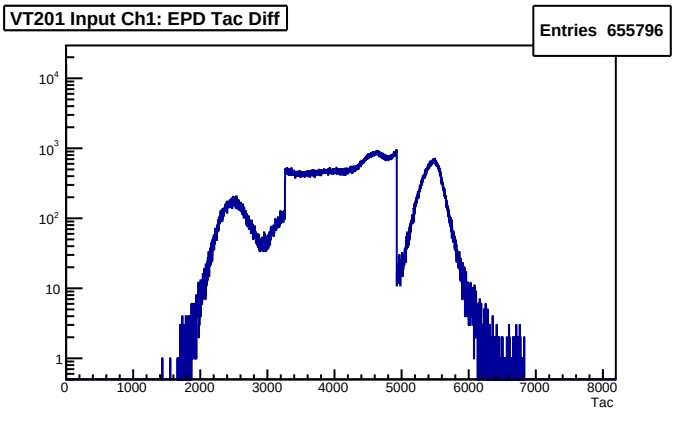

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

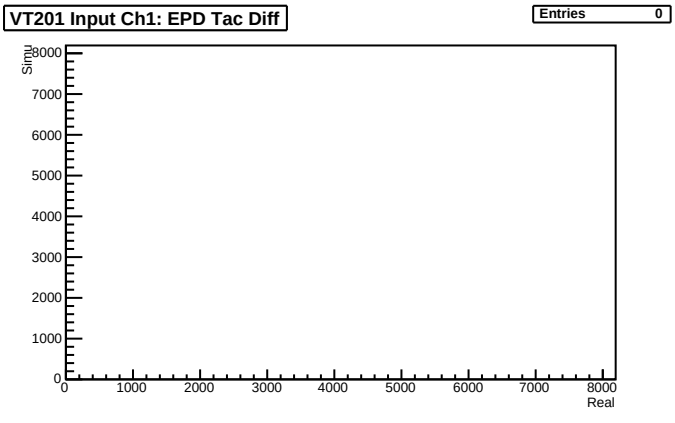

VT201 Input Ch0: BBC Small Tac Diff
Entries 655796
Tac

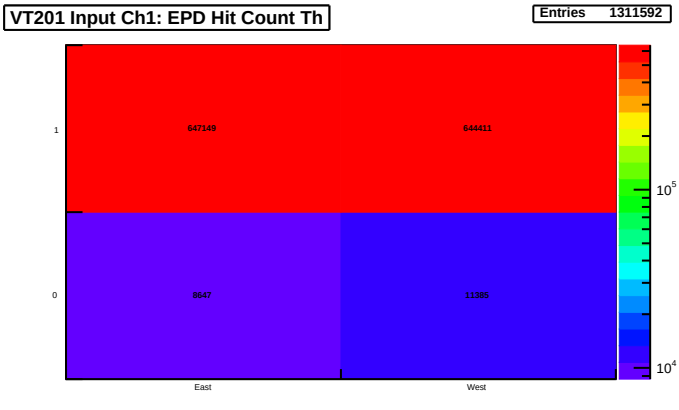

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

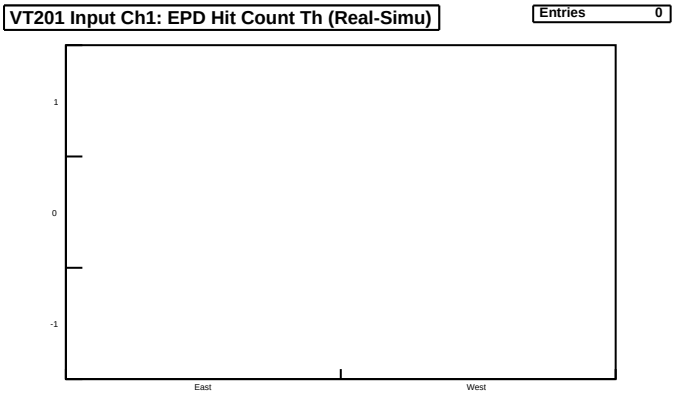

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1311592
430830
538062
224966
117734
East
West

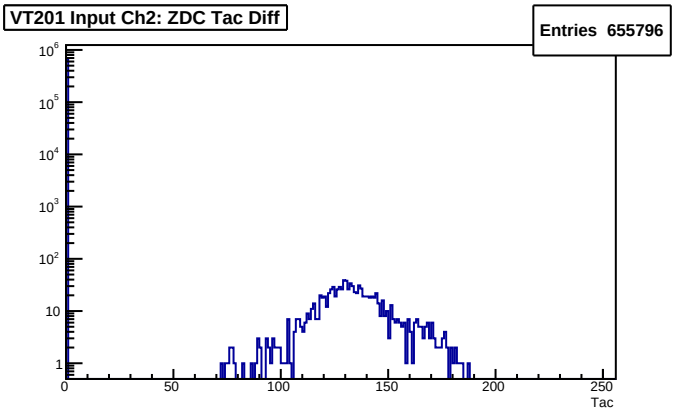

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

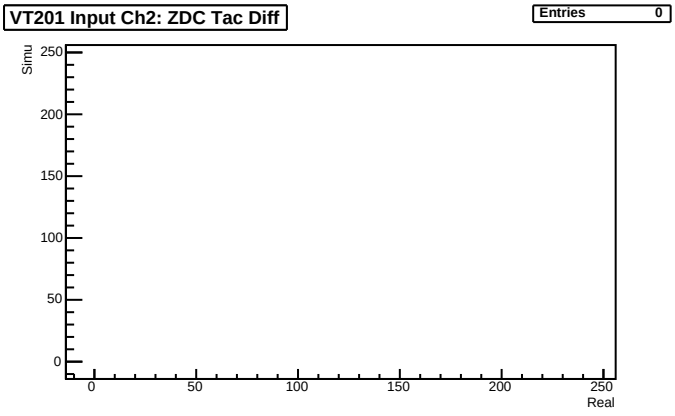

VT201 Input Ch1: EPD Tac Diff
Entries 655796
Tac

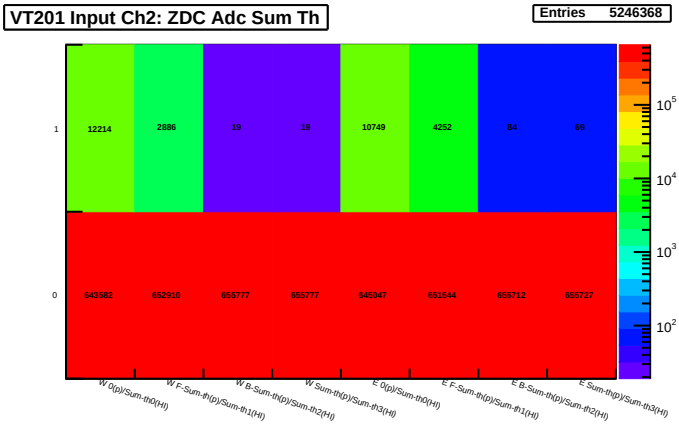

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

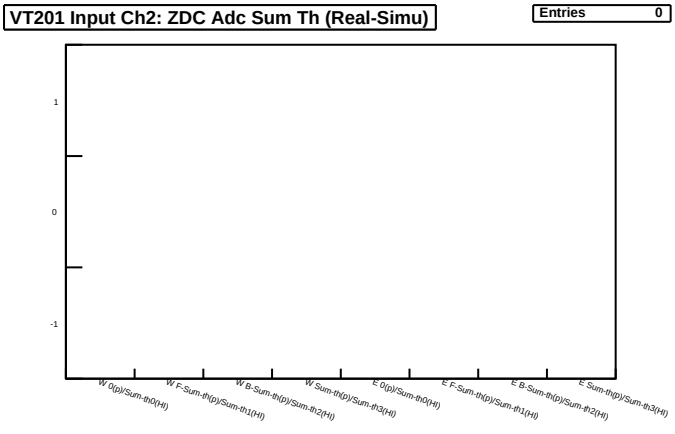

VT201 Input Ch1: EPD Hit Count Th
Entries 1311592
647149
644411
8647
11385
East
West

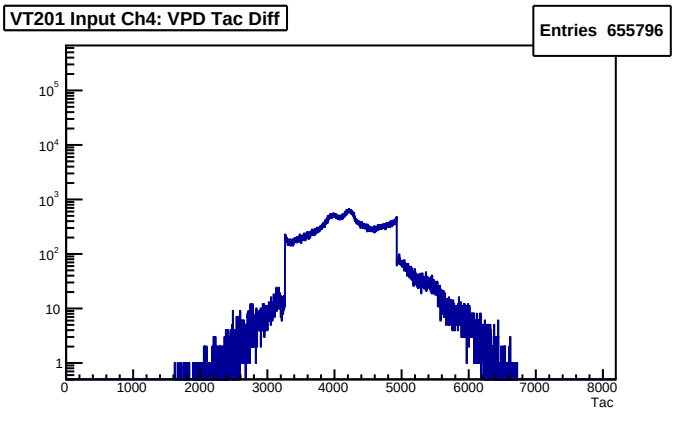

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

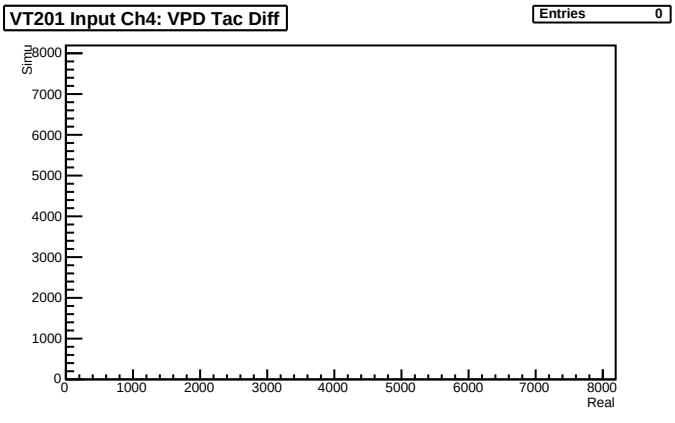

VT201 Input Ch2: ZDC Tac Diff
Entries 655796
Tac

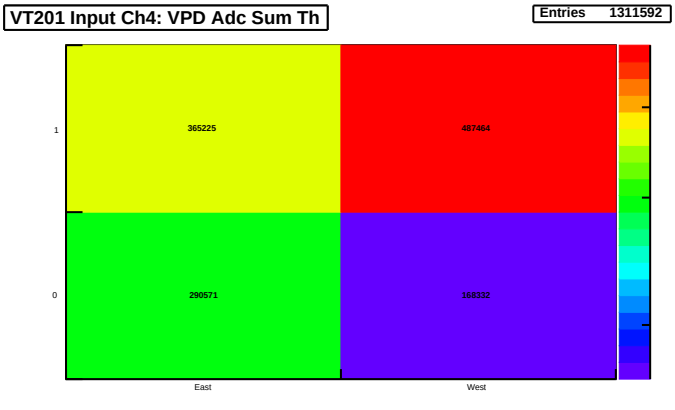

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

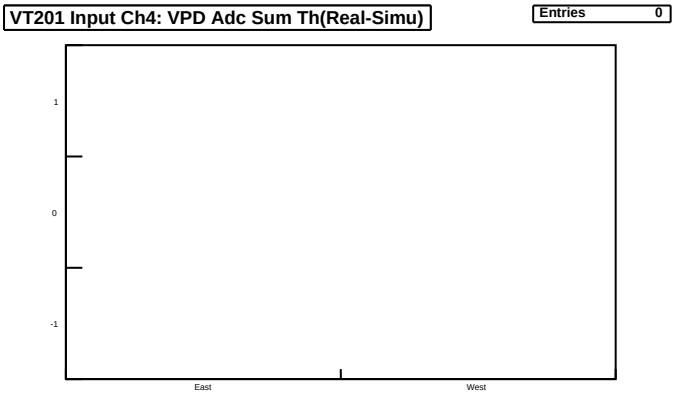

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5246368
12214
2886
19
19
10749
4252
84
69
643582
652910
655777
655777
645047
651544
655712
655727
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

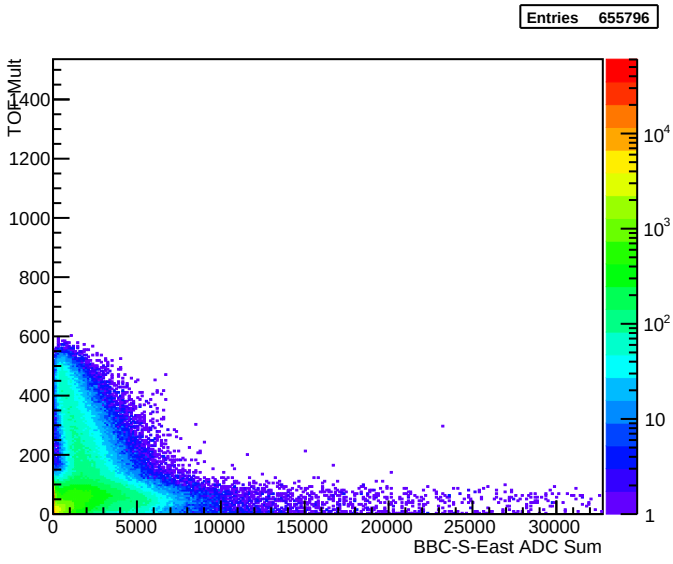

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

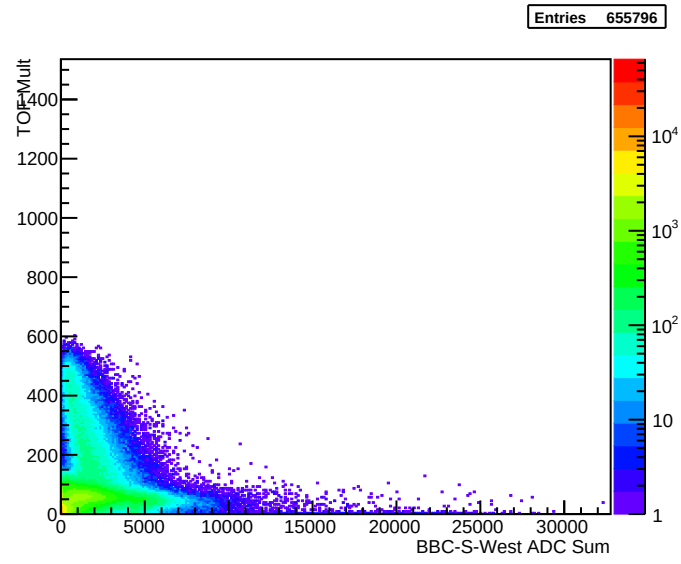

VT201 Input Ch4: VPD Tac Diff
Entries 655796
Tac

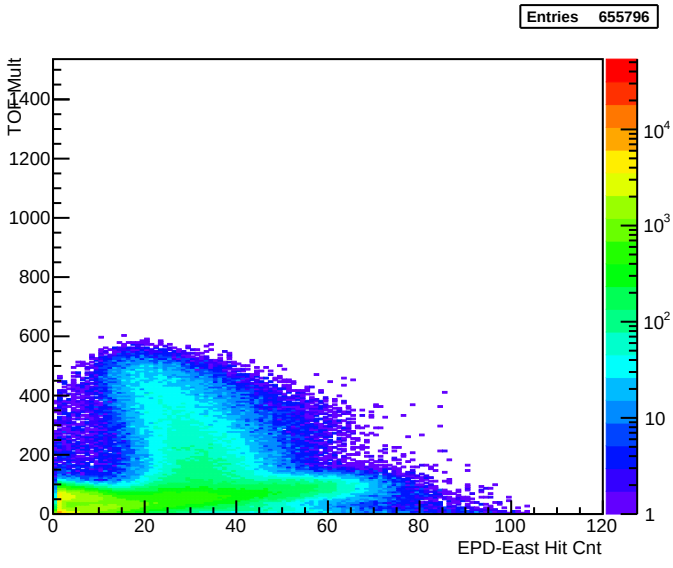

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

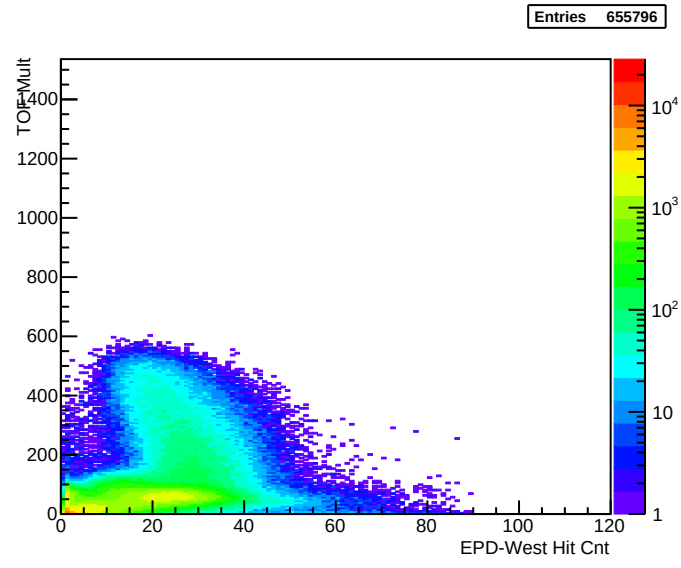

VT201 Input Ch4: VPD Adc Sum Th
Entries 1311592
365225
487464
290571
168332
East
West

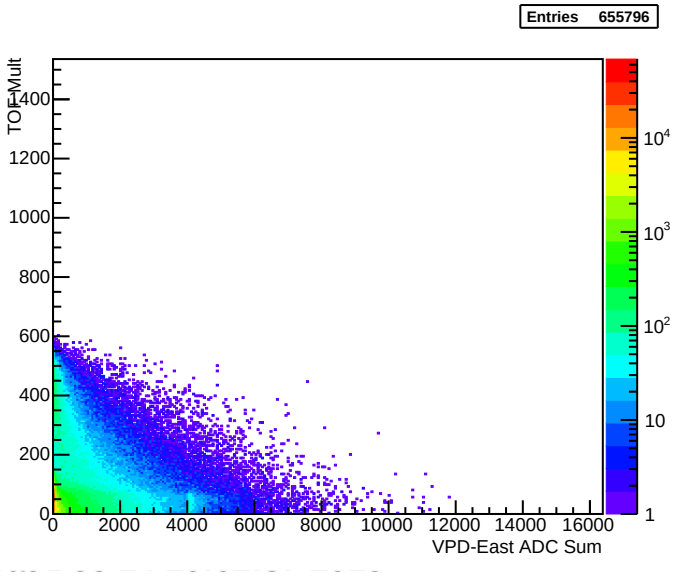

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

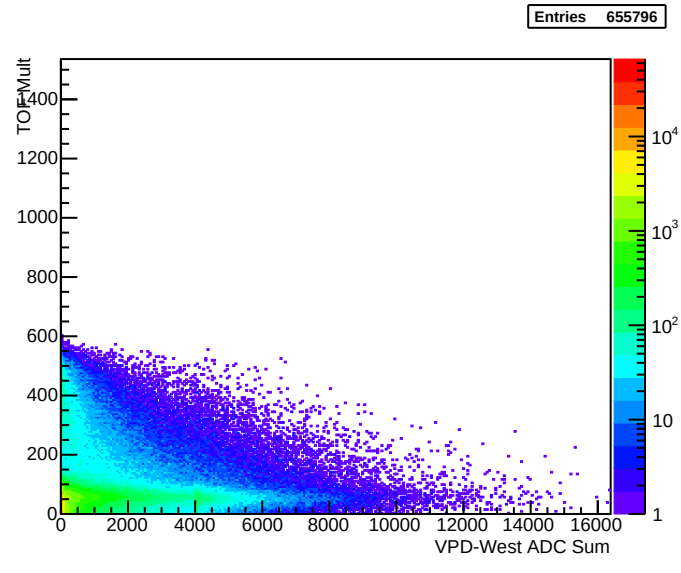

Entries 655796
TOF-Mult
BBC-S-East ADC Sum

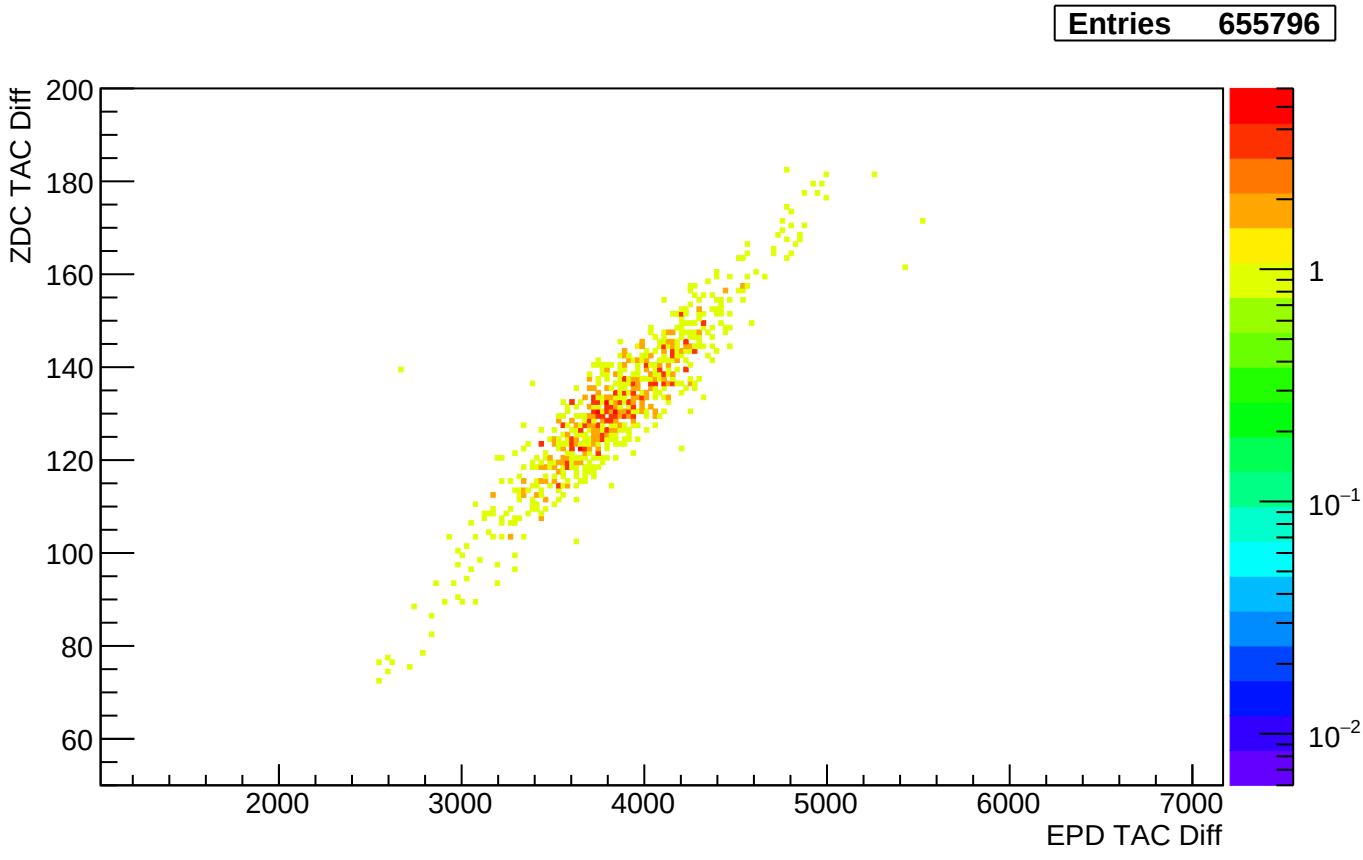

Entries 655796
TOF-Mult
BBC-S-West ADC Sum

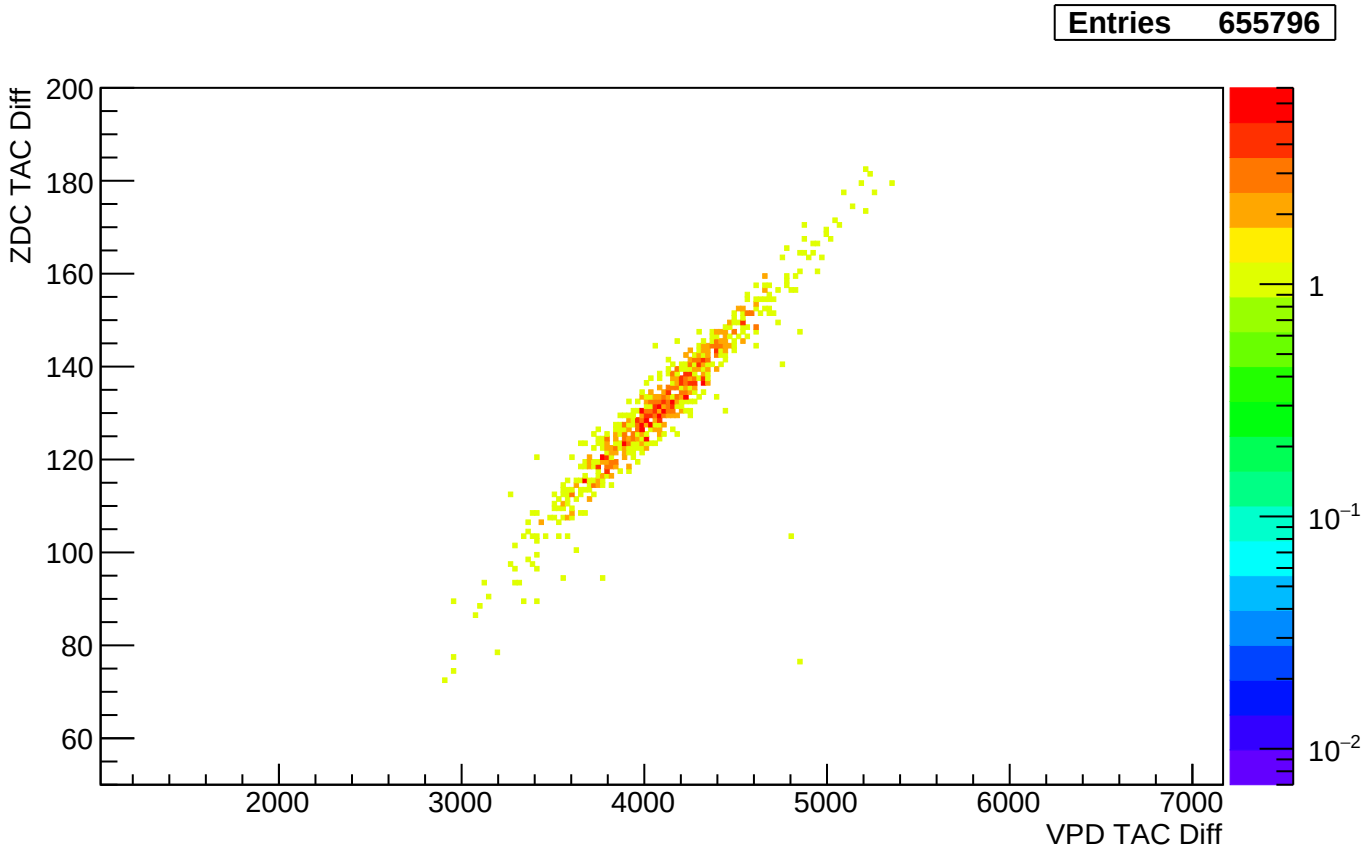

Entries 655796
TOF-Mult
EPD-East Hit Cnt

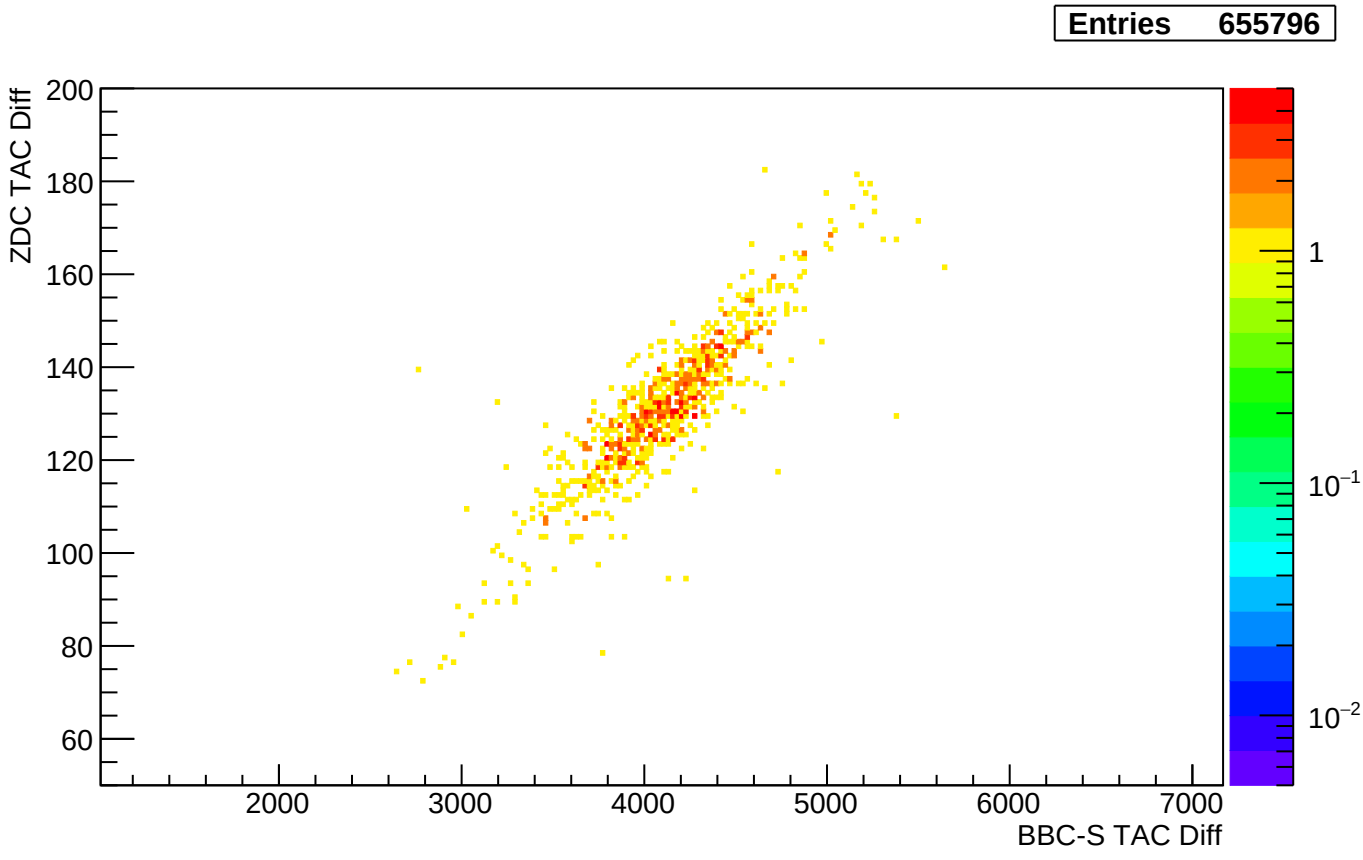

Entries 655796
TOF-Mult
EPD-West Hit Cnt

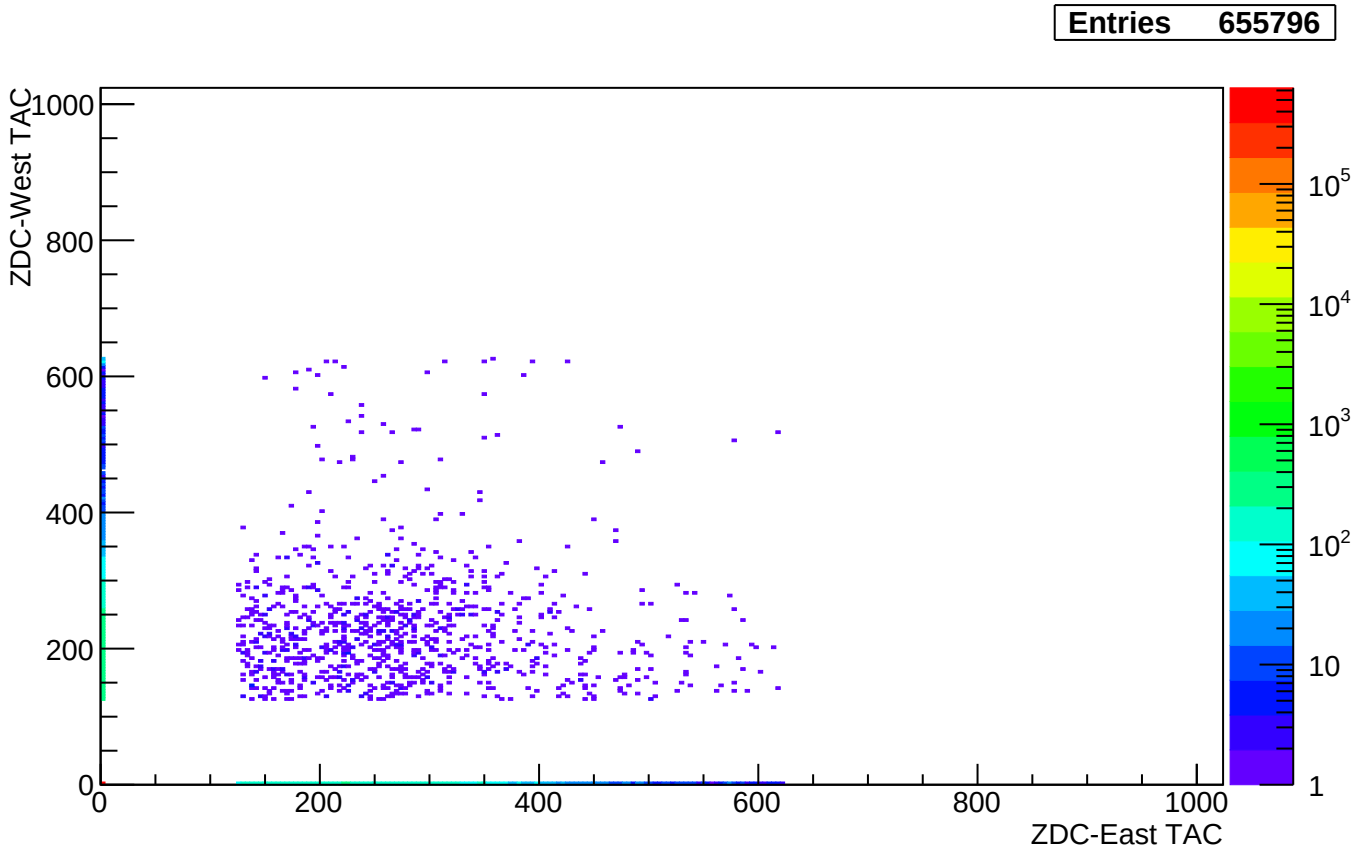

Entries 655796
TOF-Mult
VPD-East ADC Sum

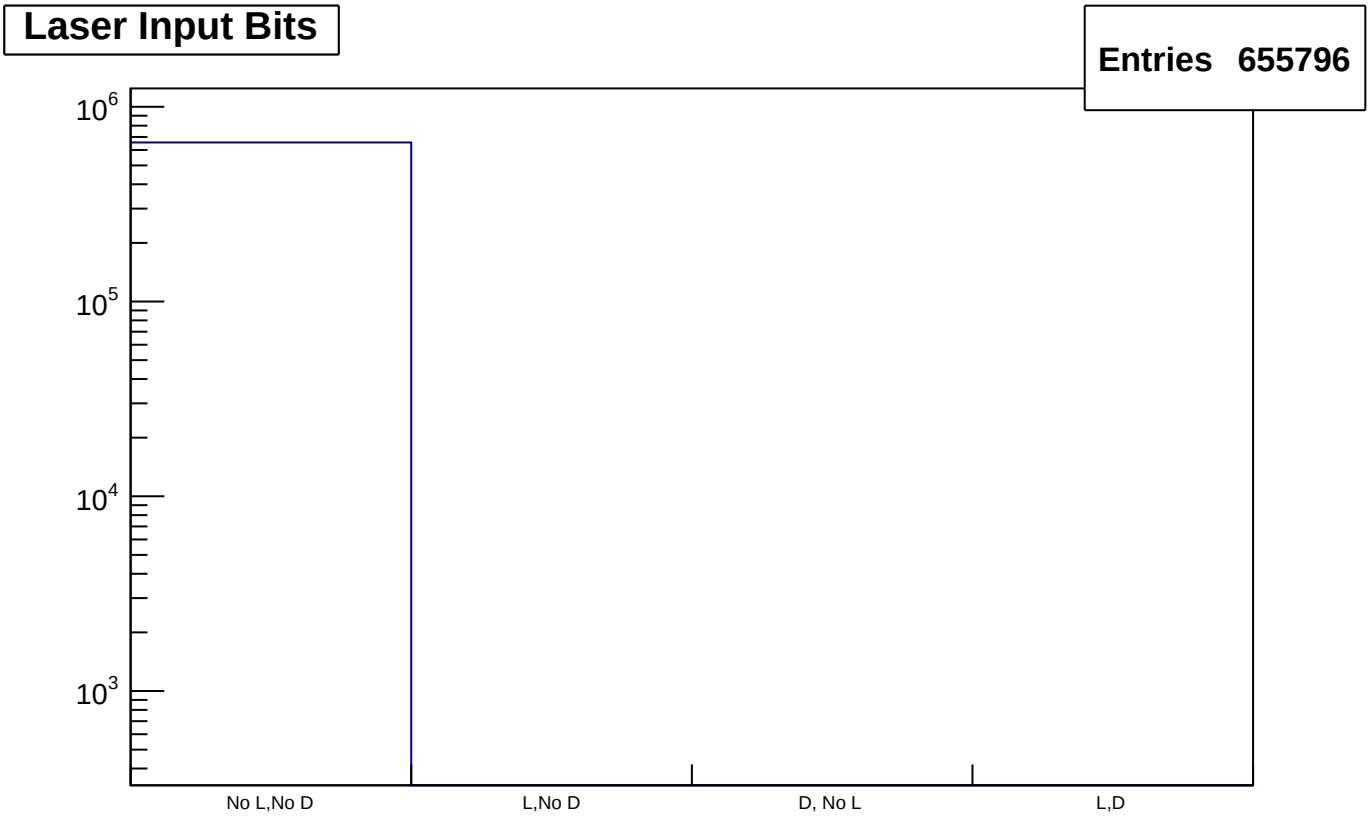

Entries 655796
TOF-Mult
VPD-West ADC Sum

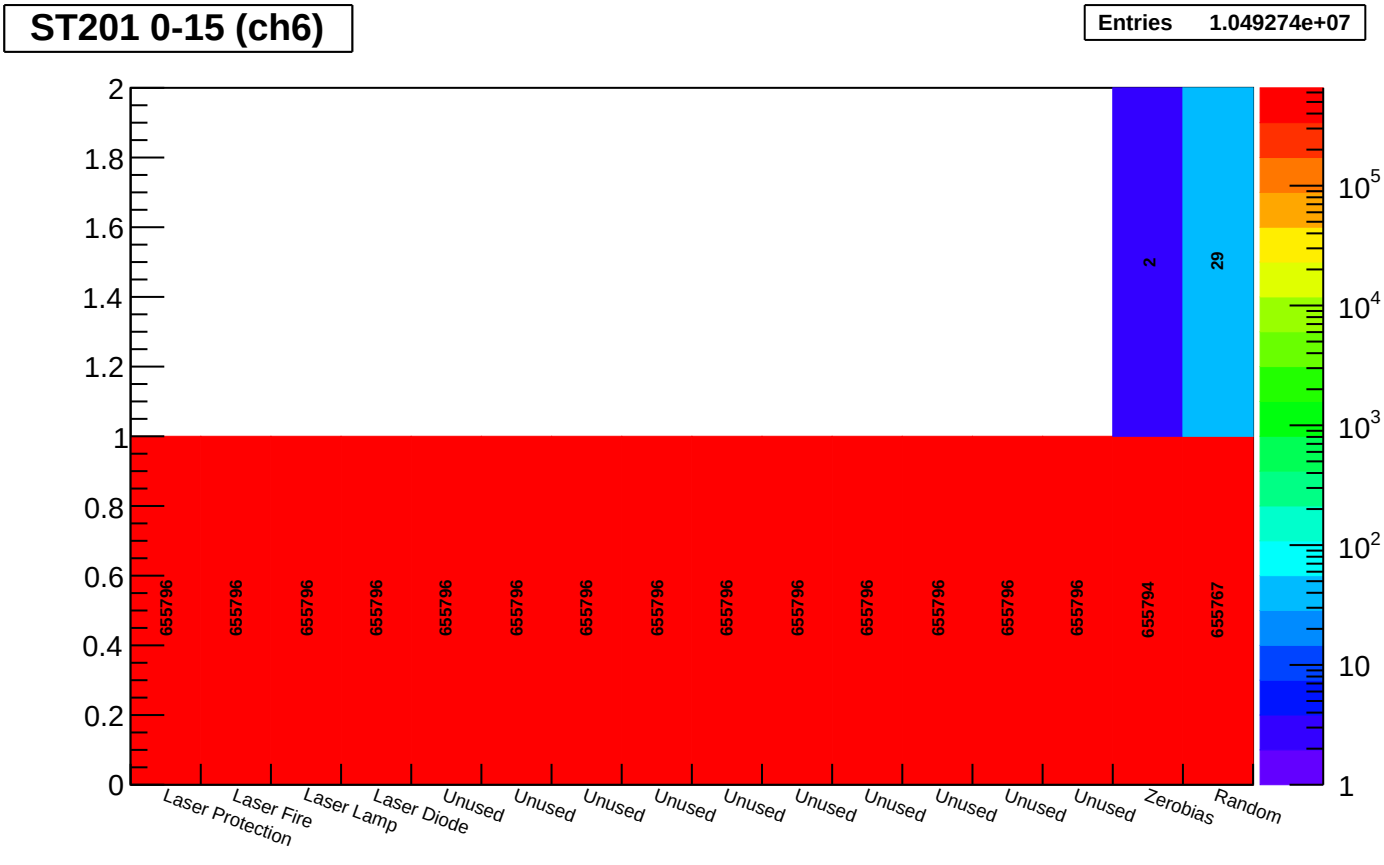

Entries 655796
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 655796
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}

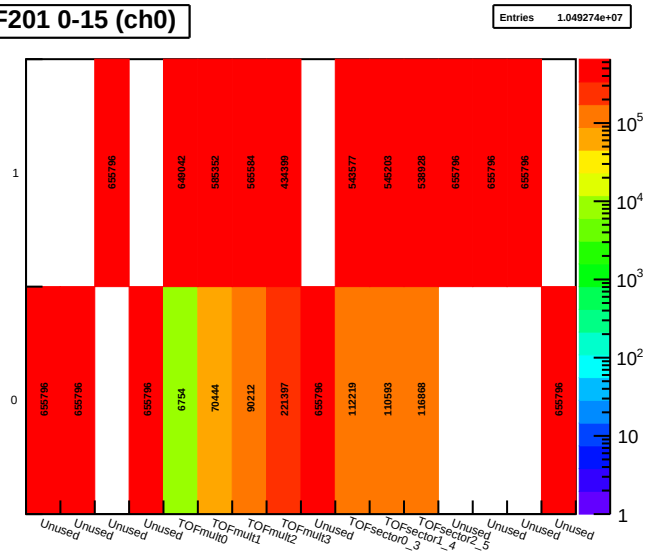

Entries 655796
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}


Entries 655796
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

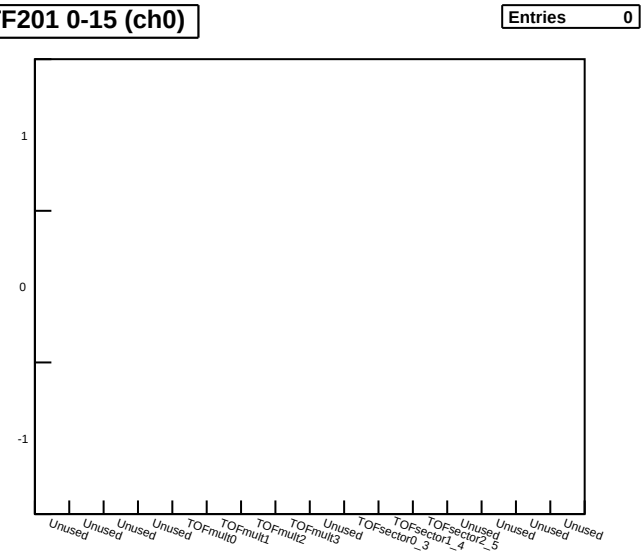

Laser Input Bits
Entries 655796
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.049274e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
655796
655796
655796
655796
655796
655796
655796
655796
655796
655796
655796
655796
655796
655796
655794
655767
2
29
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

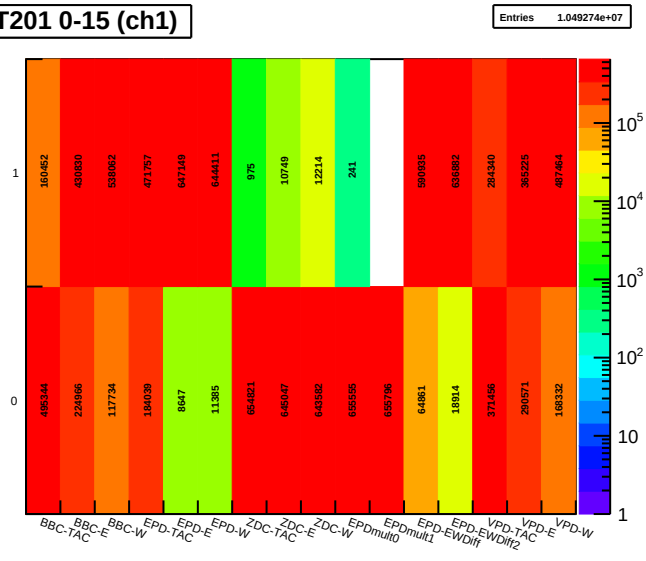
TF201 0-15 (ch0)



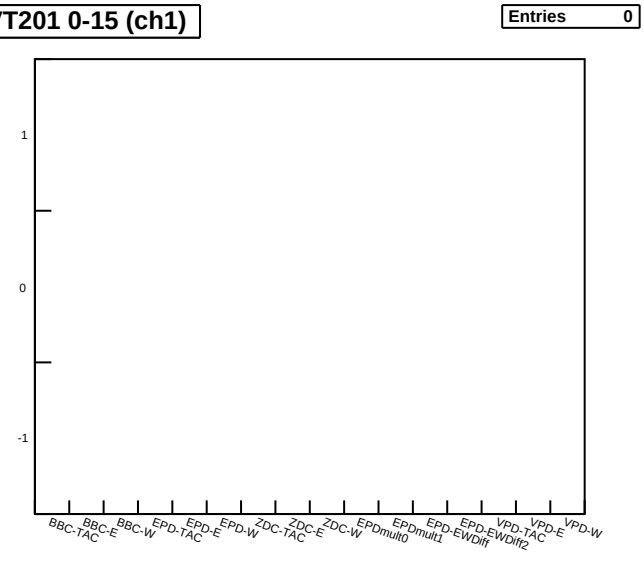
TF201 0-15 (ch0)



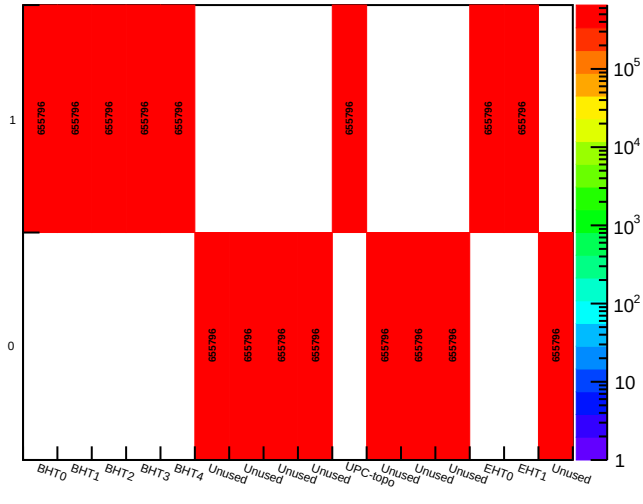
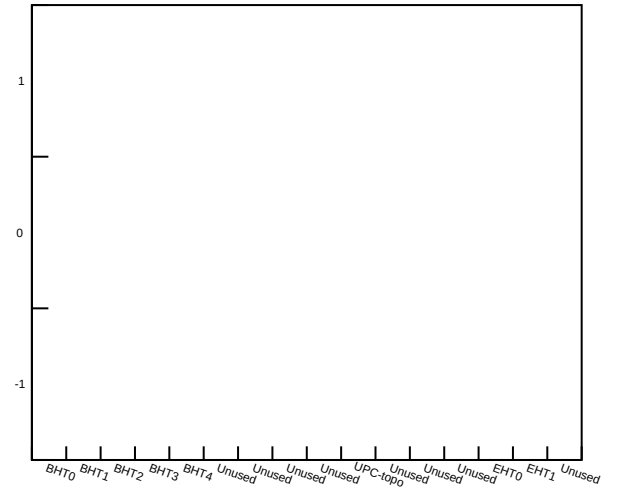
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)