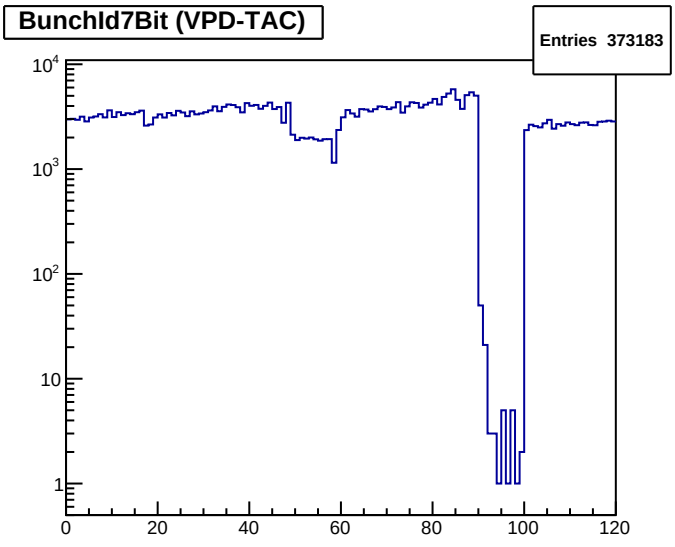
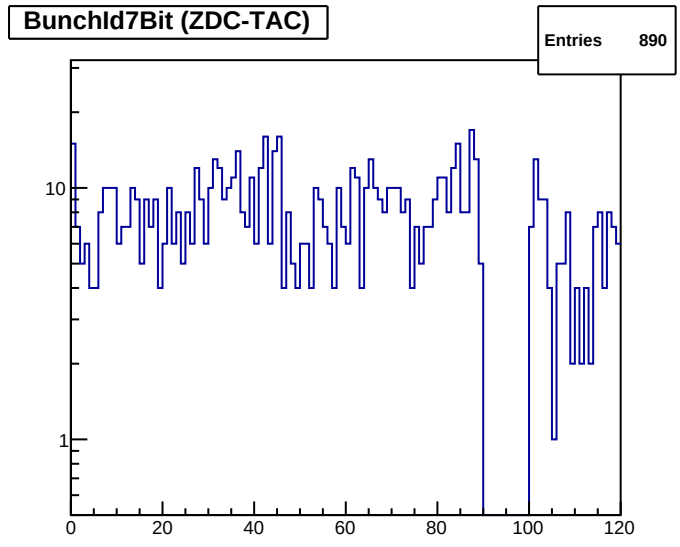
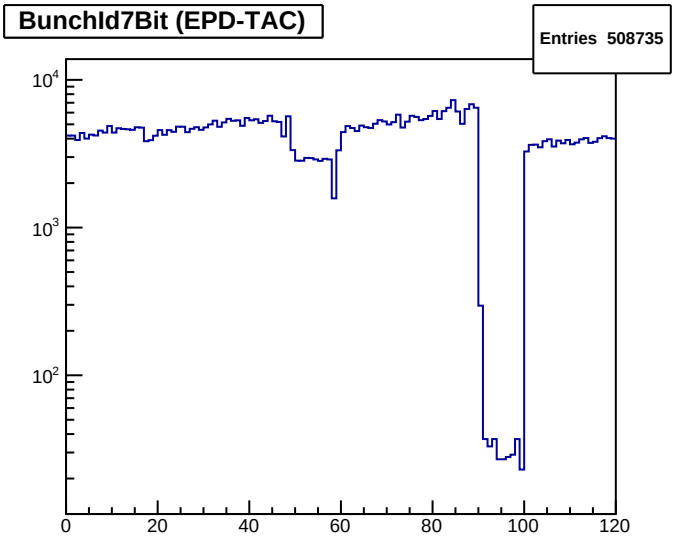
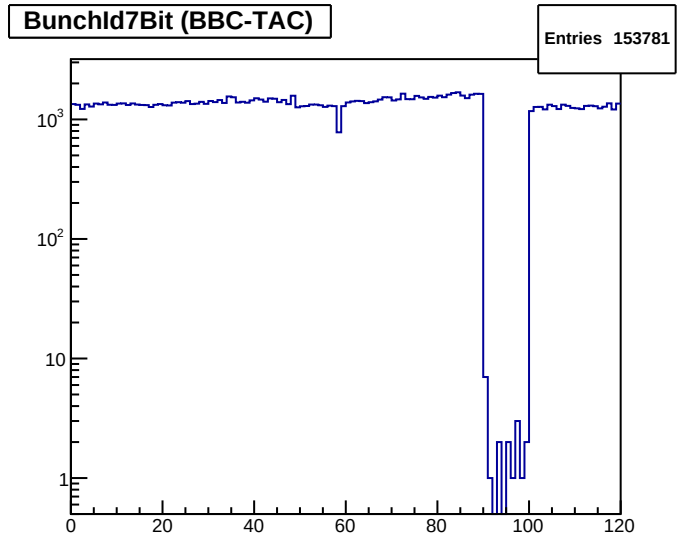
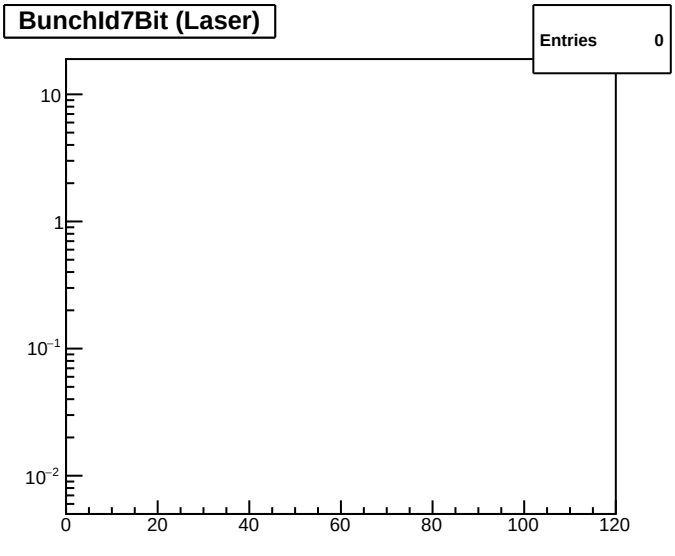
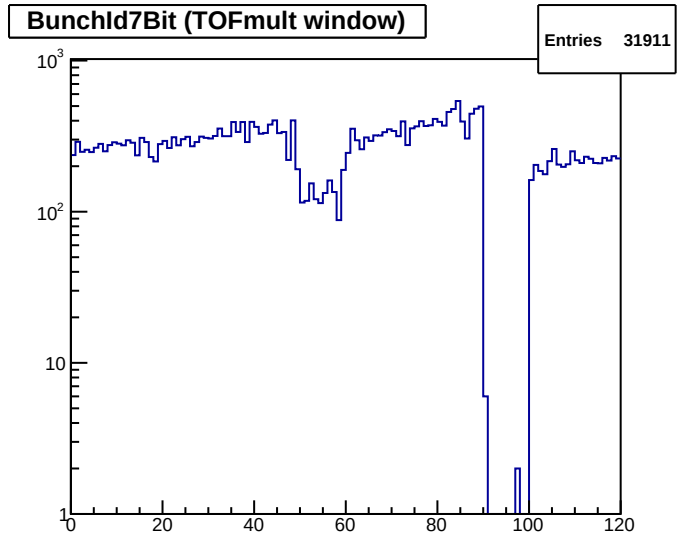

BunchId7Bit (VPD-TAC)
Entries 373183

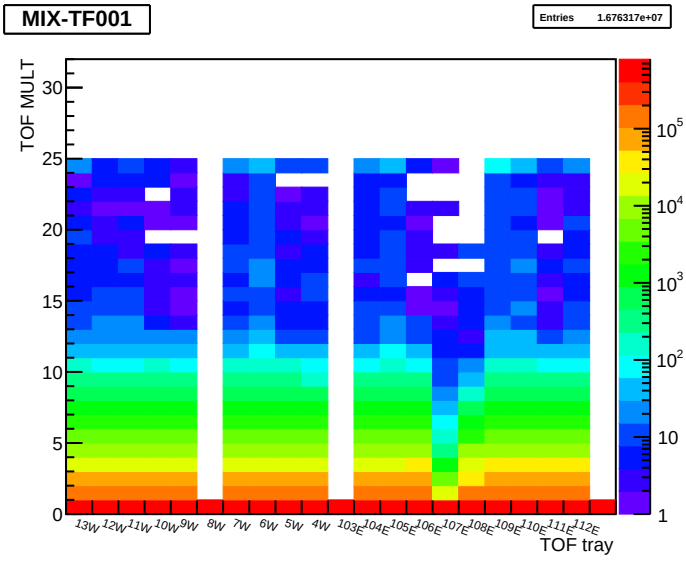

BunchId7Bit (ZDC-TAC)
Entries 890

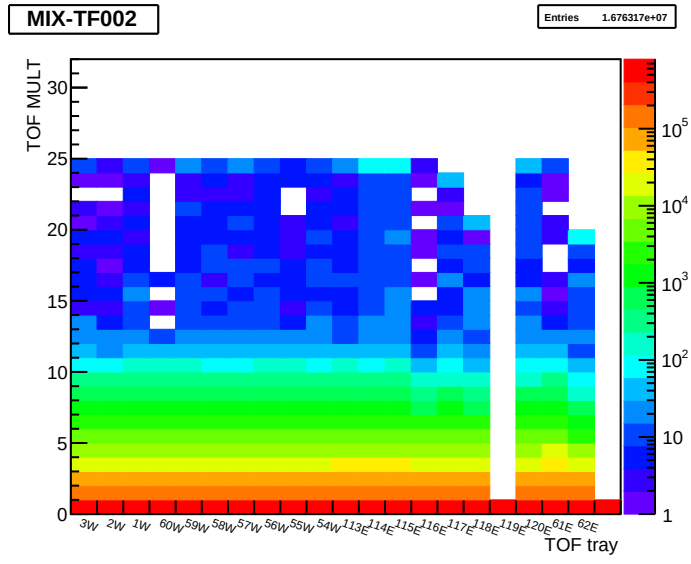

BunchId7Bit (EPD-TAC)
Entries 508735

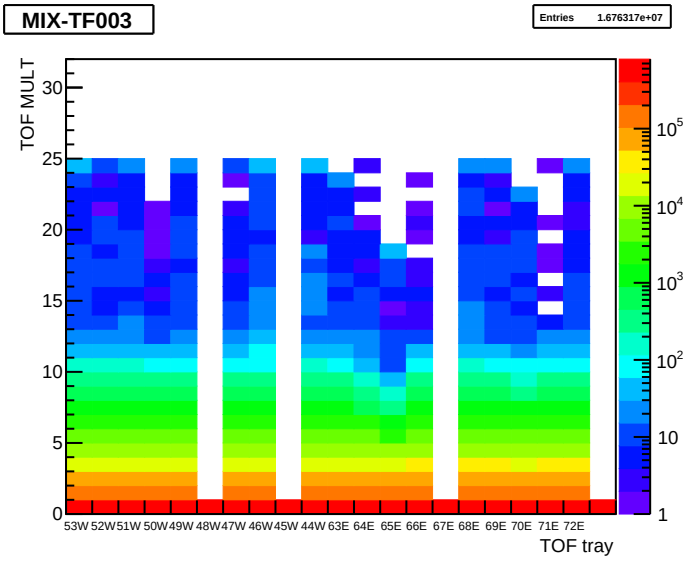

BunchId7Bit (BBC-TAC)
Entries 153781

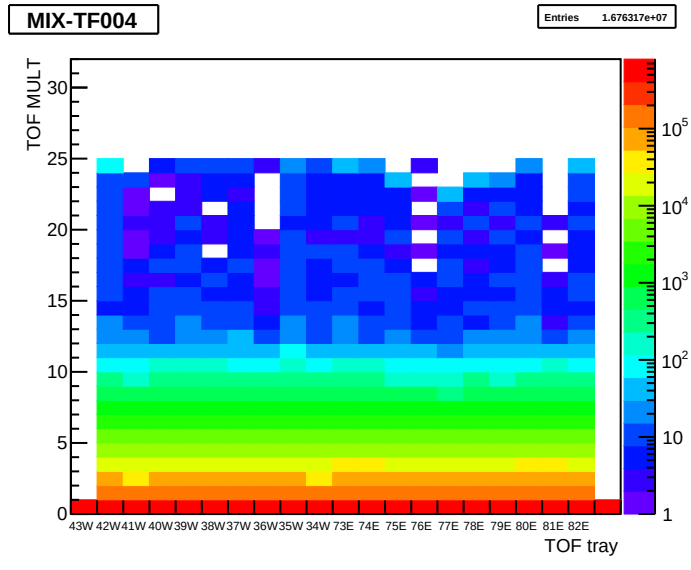

BunchId7Bit (Laser)
Entries 0

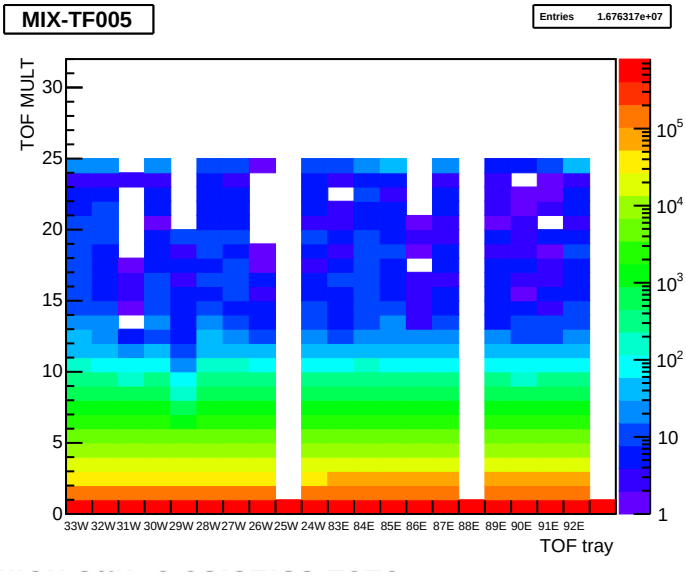

BunchId7Bit (TOFmult window)
Entries 31911

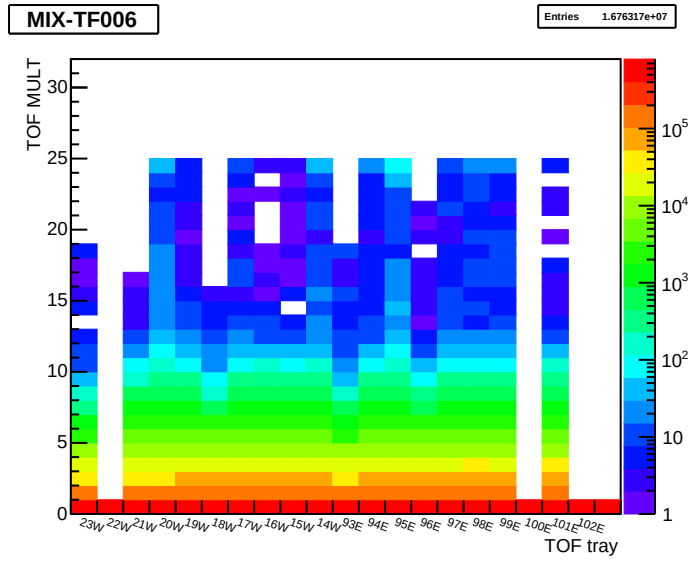

MIX-TF001
Entries 1.676317e+07
TOF MULT
TOF tray

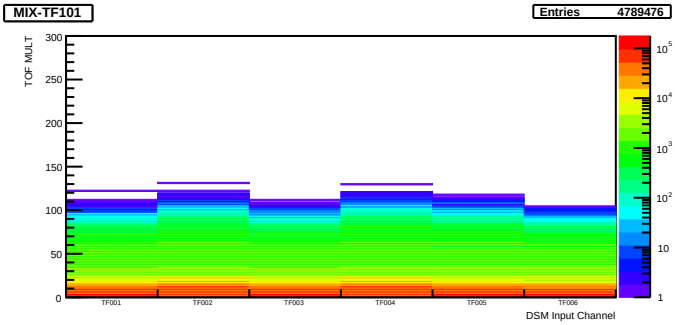

MIX-TF002
Entries 1.676317e+07
TOF MULT
TOF tray

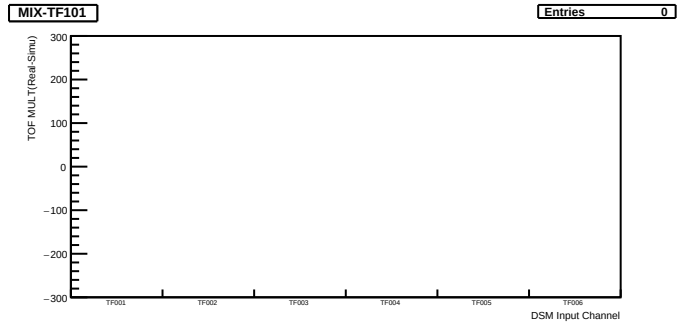

MIX-TF003
Entries 1.676317e+07
TOF MULT
TOF tray

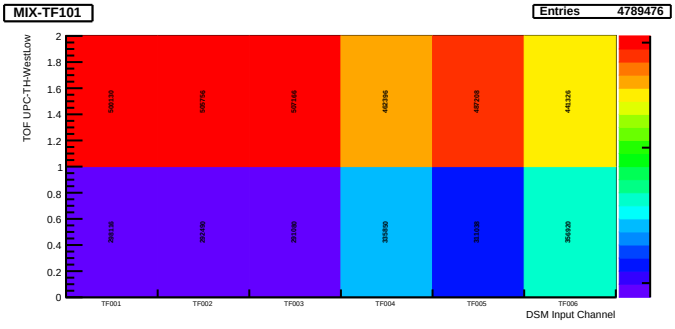

MIX-TF004
Entries 1.676317e+07
TOF MULT
TOF tray

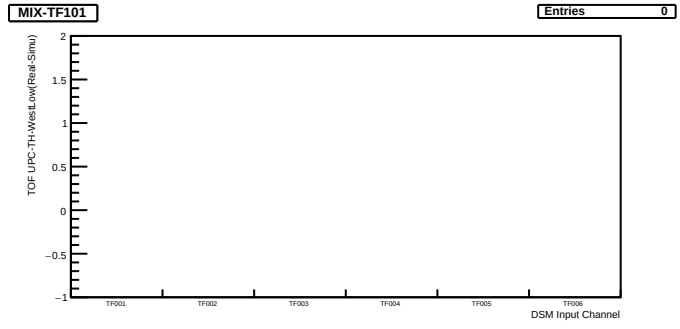

MIX-TF005
Entries 1.676317e+07
TOF MULT
TOF tray

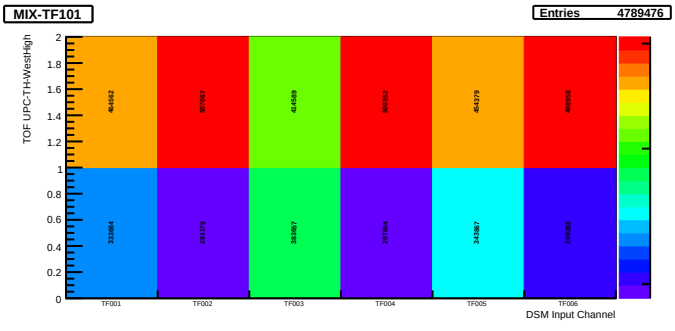

MIX-TF006
Entries 1.676317e+07
TOF MULT
TOF tray

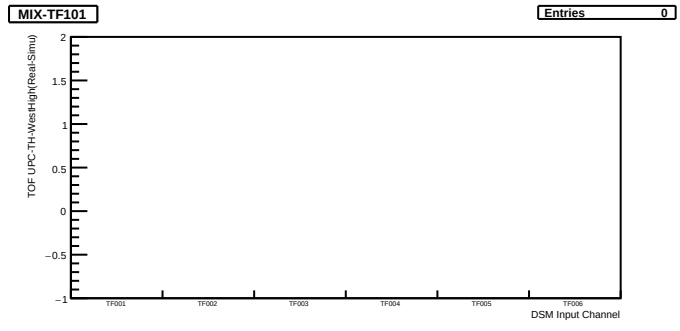

MIX-TF101
Entries 4789476
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

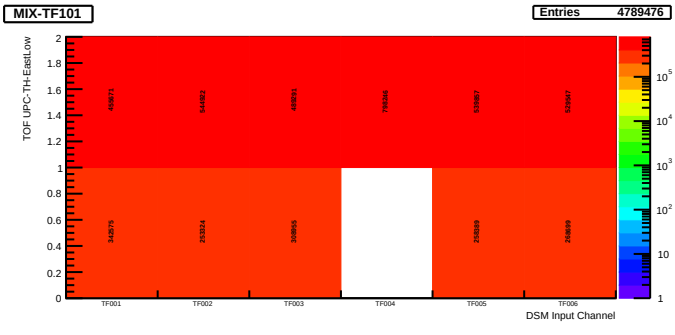

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

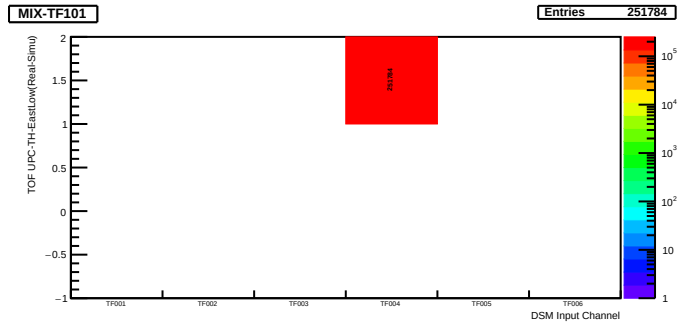

MIX-TF101
Entries 4789476
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

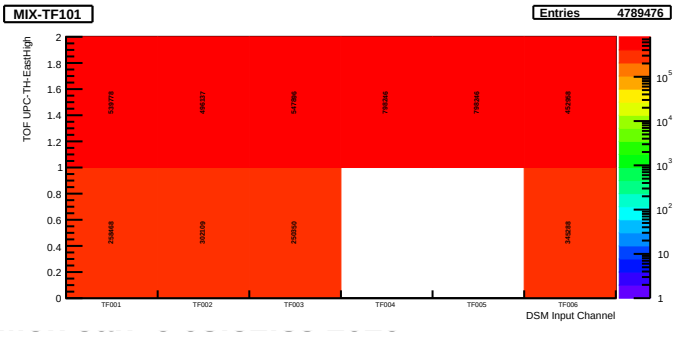

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

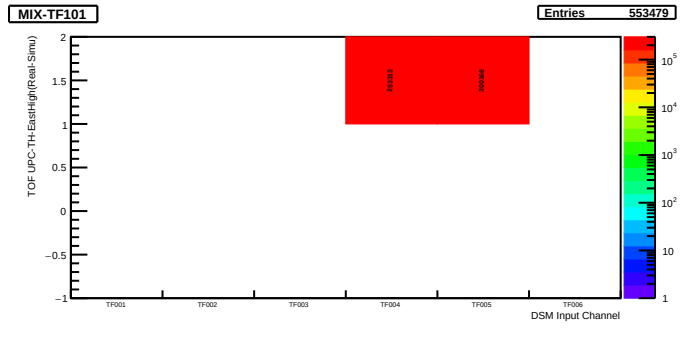

MIX-TF101
Entries 4789476
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

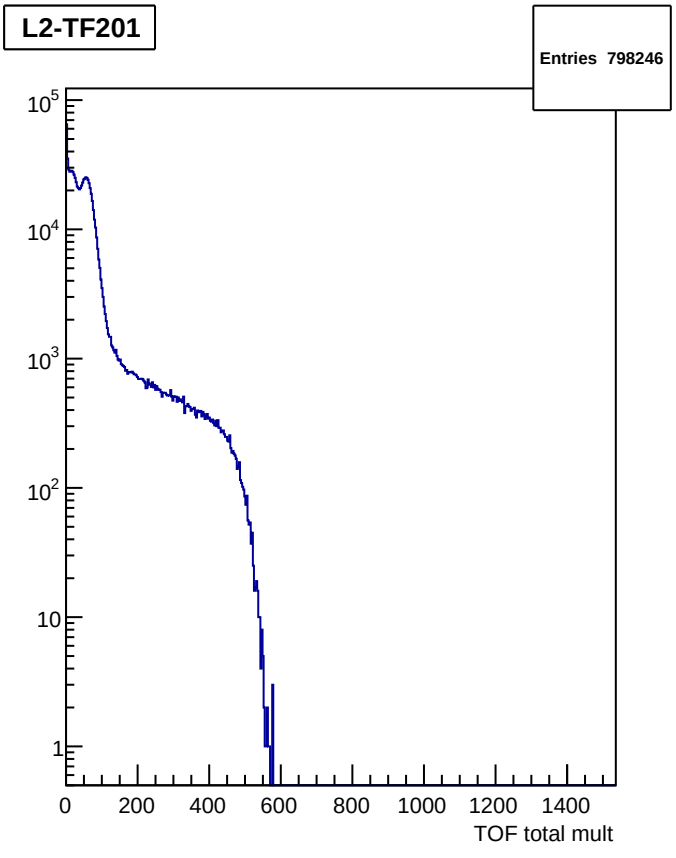

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

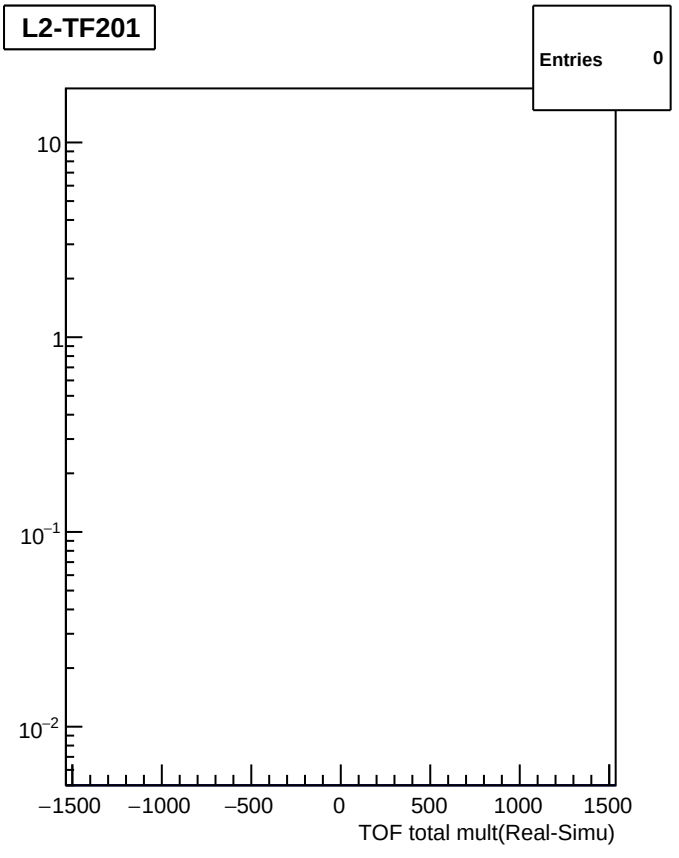

MIX-TF101
Entries 4789476
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

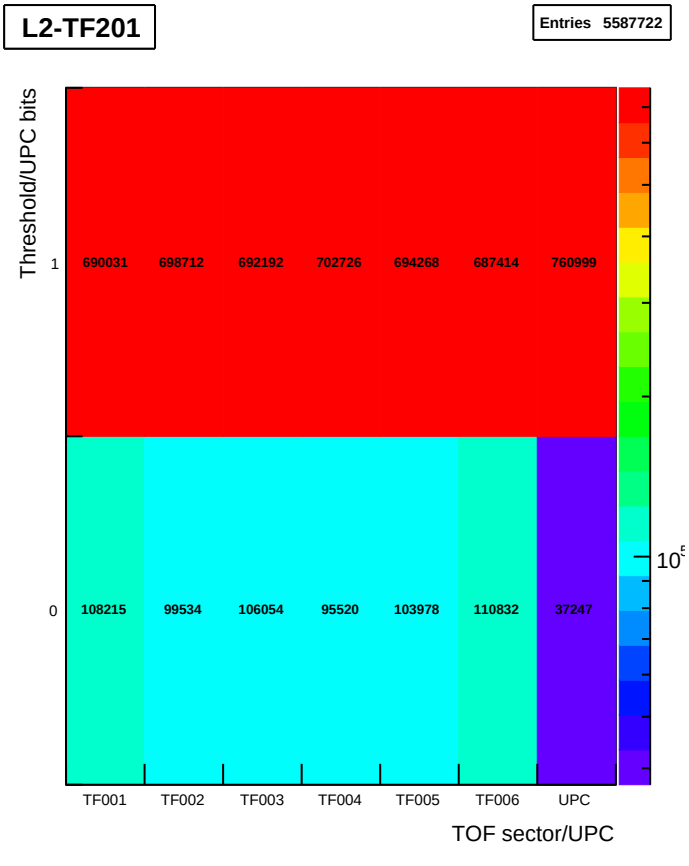

MIX-TF101
Entries 251784
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

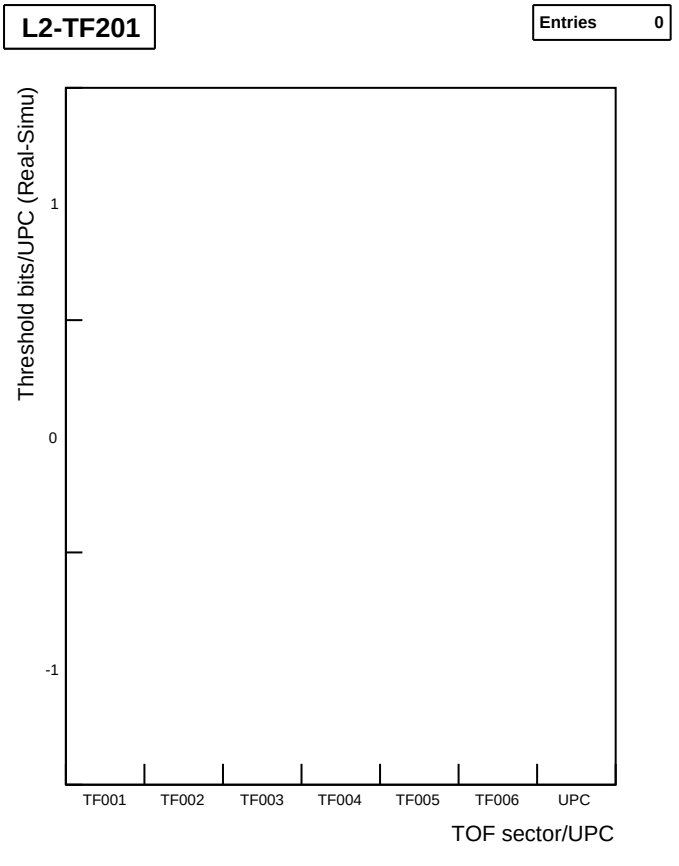

MIX-TF101
Entries 4789476
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

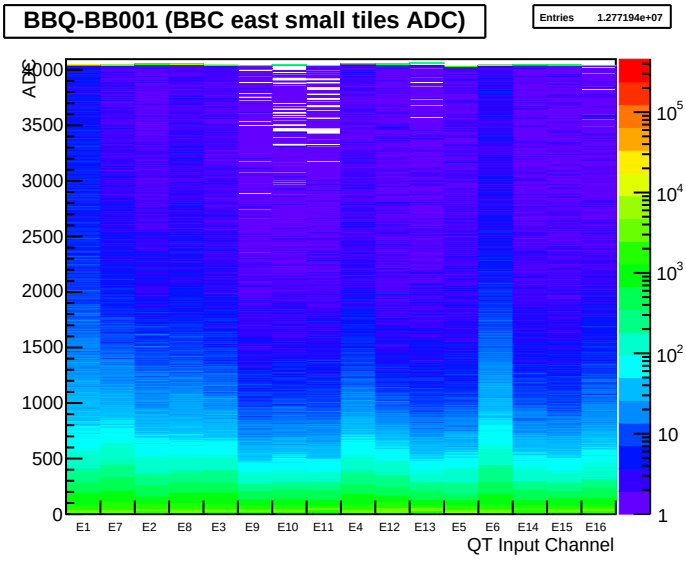

MIX-TF101
Entries 553479
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

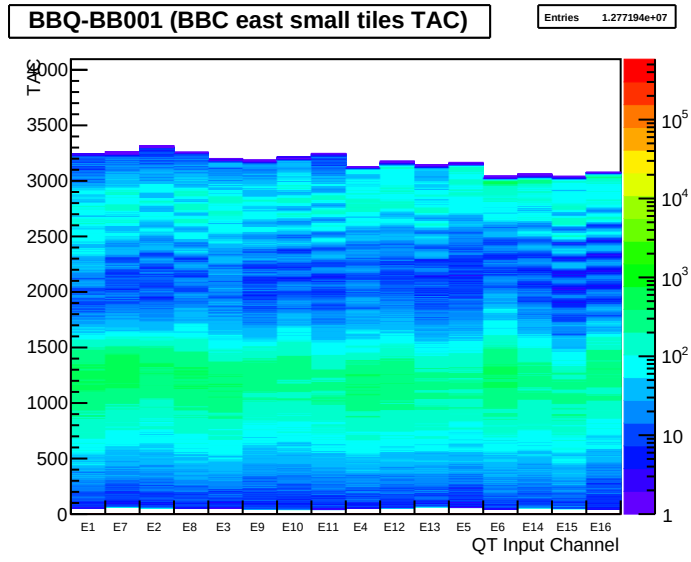

L2-TF201
Entries 798246
TOF total mult

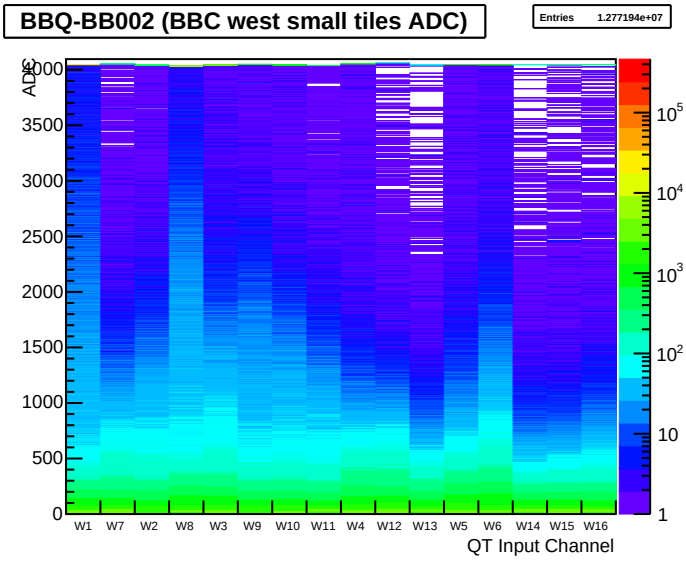

L2-TF201
Entries 0
TOF total mult(Real-Simu)

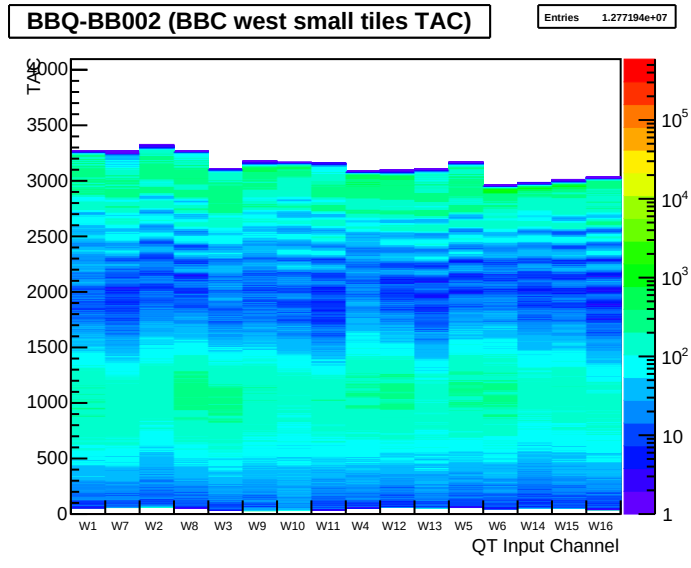

L2-TF201
Entries 5587722
Threshold/UPC bits
690031
698712
692192
702726
694268
687414
760999
108215
99534
106054
95520
103978
110832
37247
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

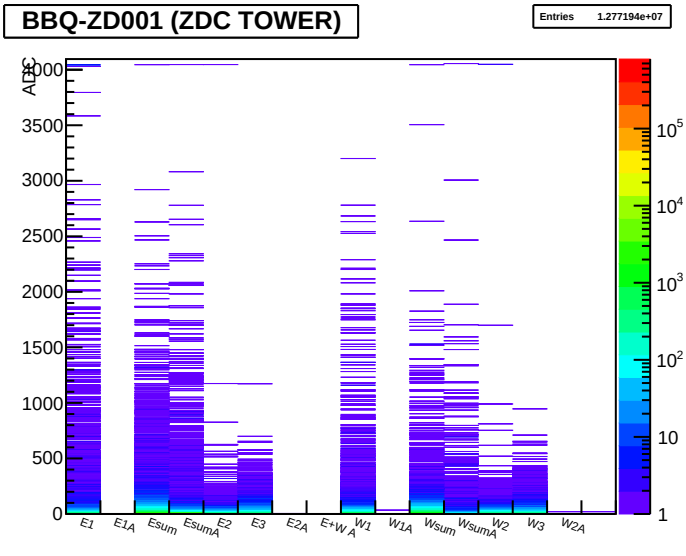

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

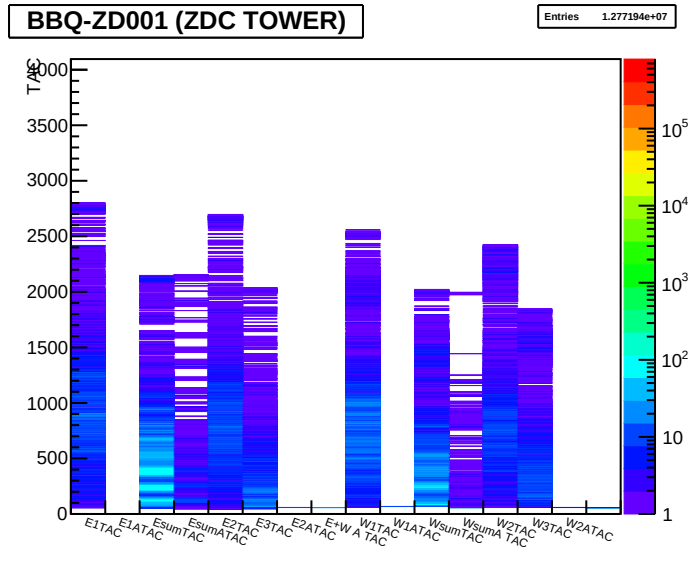

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.277194e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

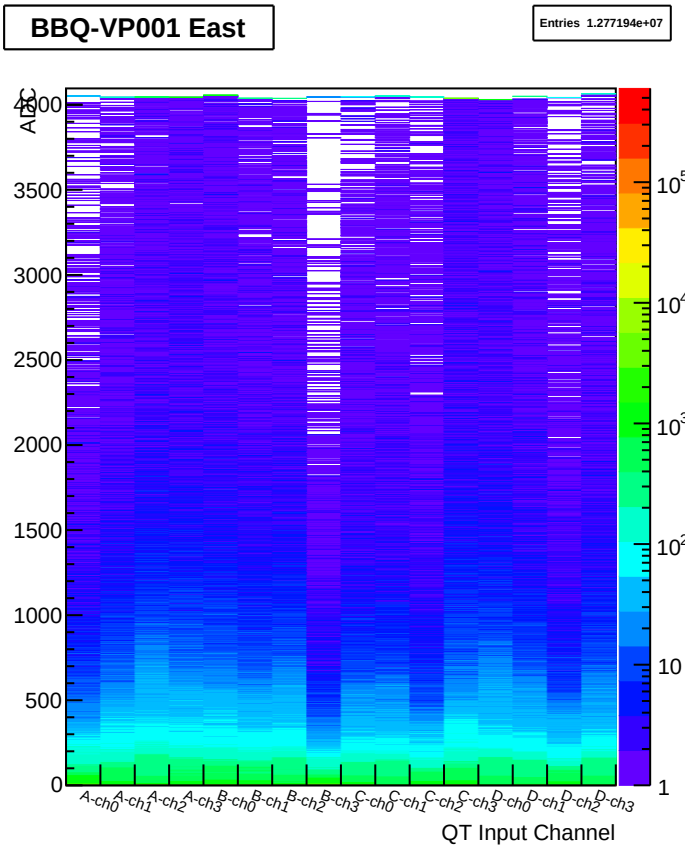

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.277194e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

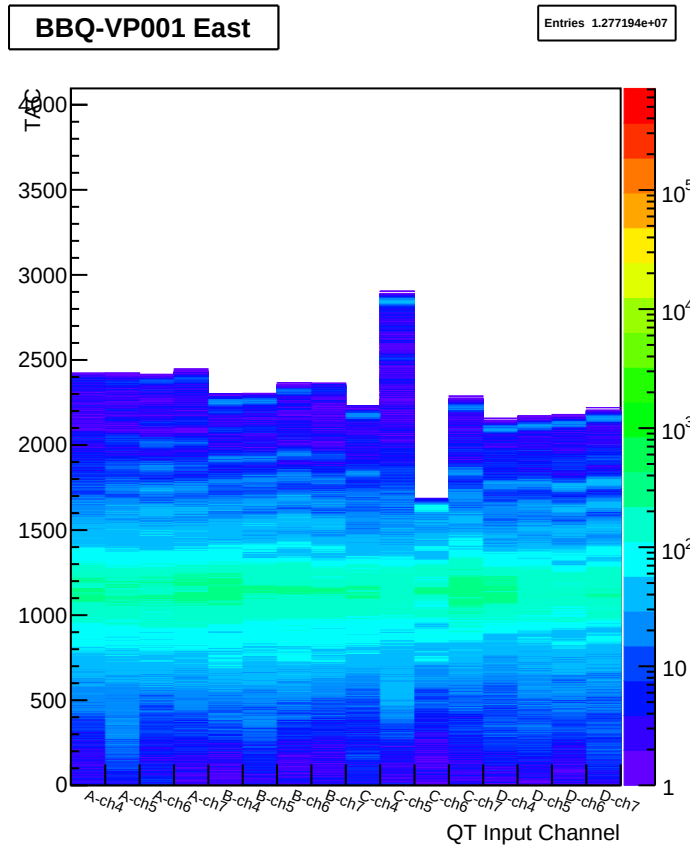

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.277194e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

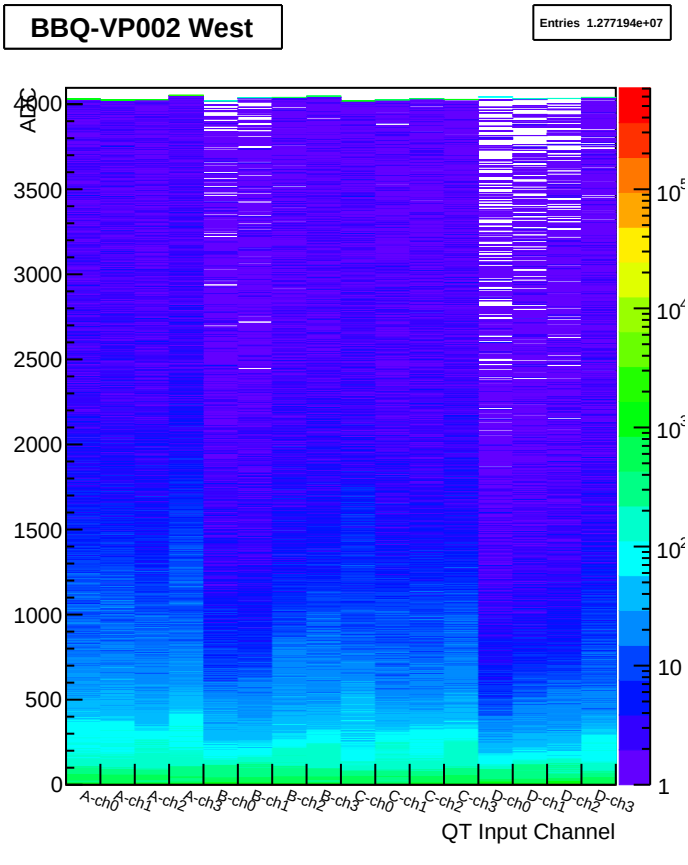

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.277194e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

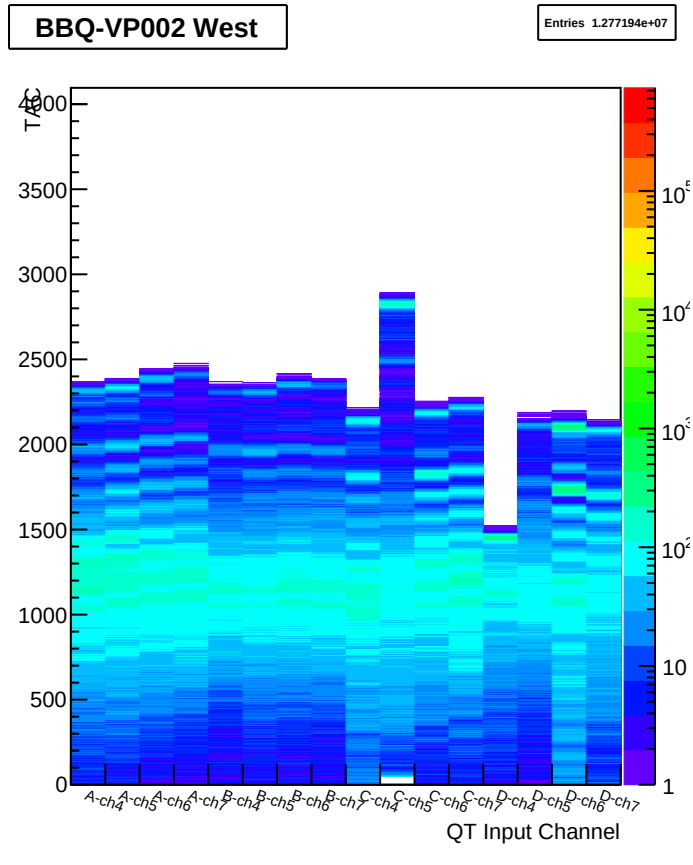

BBQ-ZD001 (ZDC TOWER)
Entries 1.277194e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

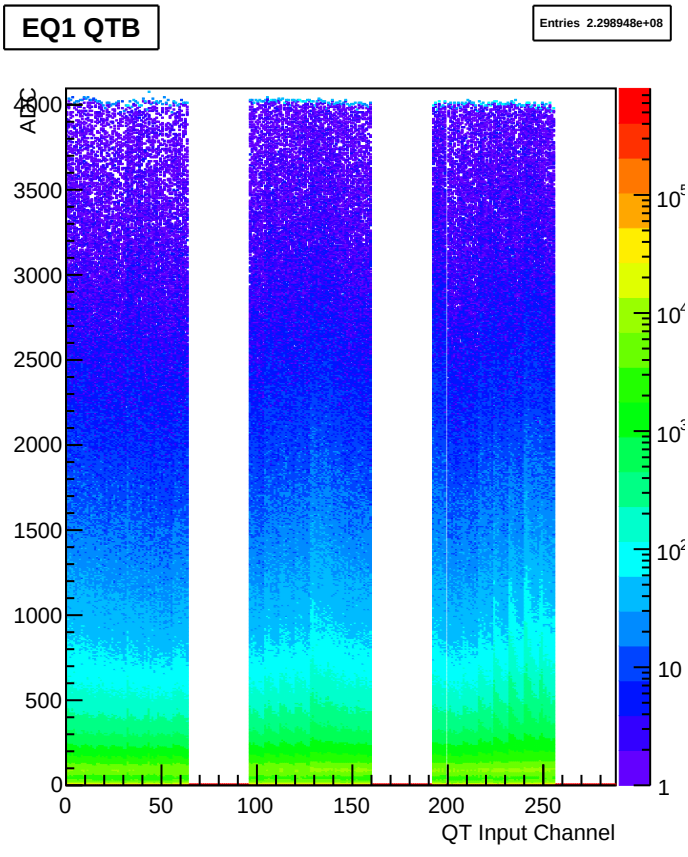

BBQ-ZD001 (ZDC TOWER)
Entries 1.277194e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

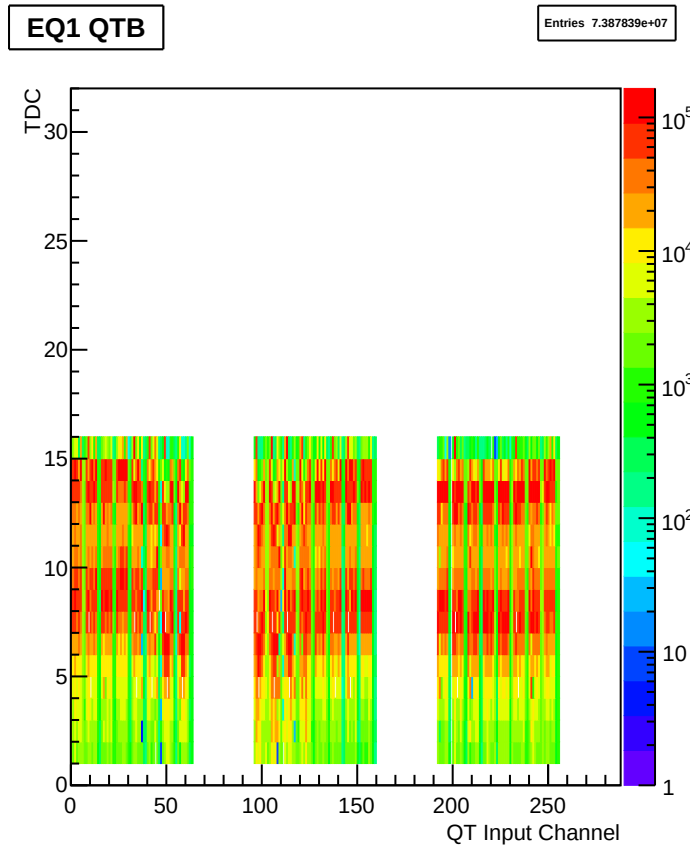

BBQ-VP001 East
Entries 1.277194e+07
ADC
QT Input Channel

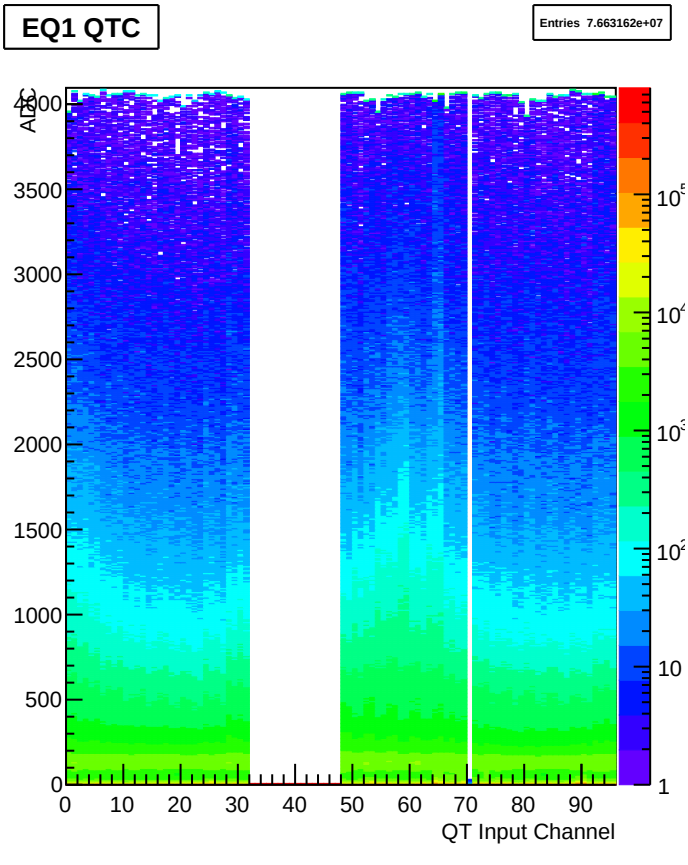

BBQ-VP001 East
Entries 1.277194e+07
TADC
QT Input Channel

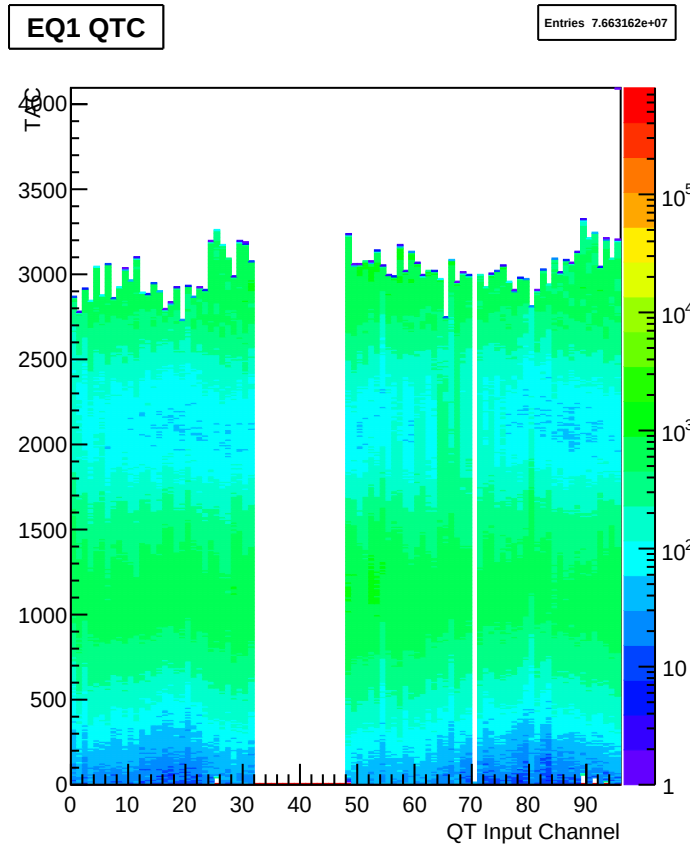

BBQ-VP002 West
Entries 1.277194e+07
ADC
QT Input Channel

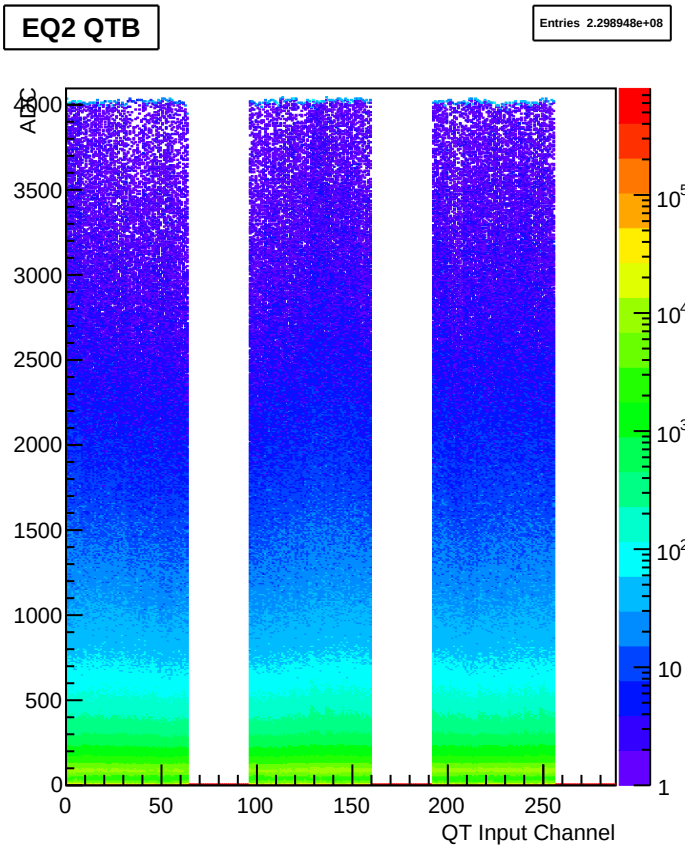

BBQ-VP002 West
Entries 1.277194e+07
TADC
QT Input Channel

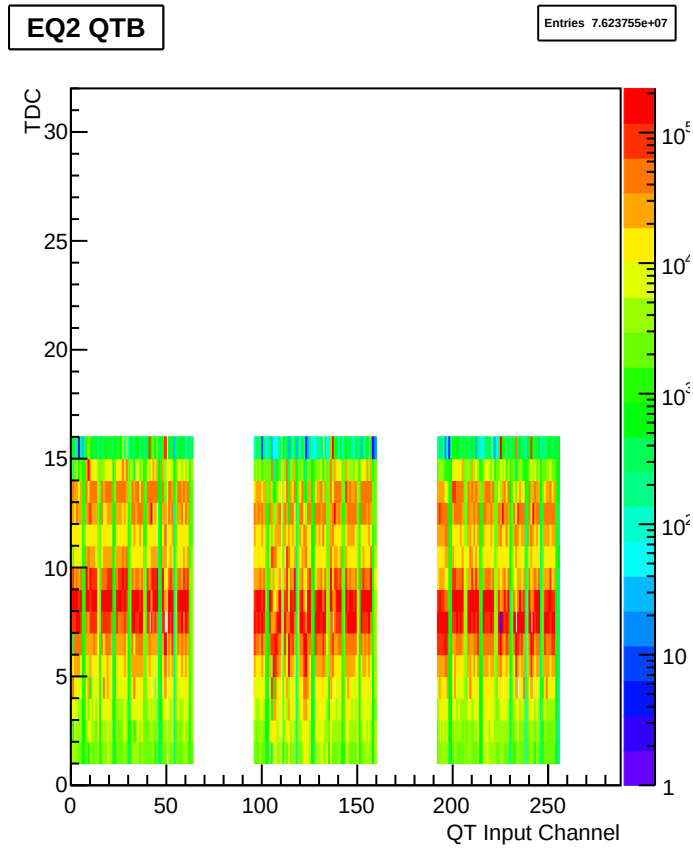

EQ1 QTB
Entries 2.298948e+08
ADC
QT Input Channel

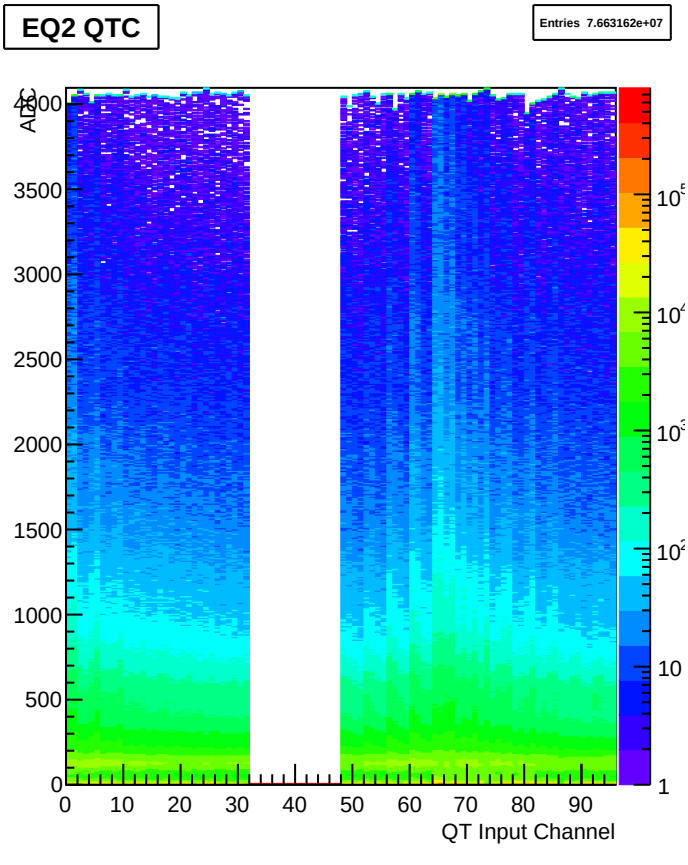

EQ1 QTB
Entries 7.387839e+07
TDC
QT Input Channel

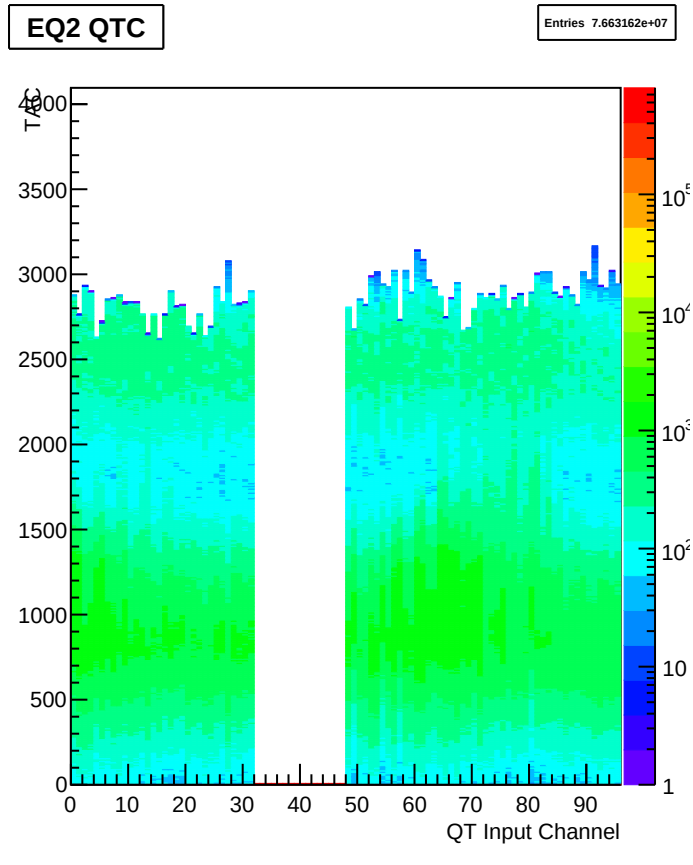

EQ1 QTC
Entries 7.663162e+07
ADC
QT Input Channel

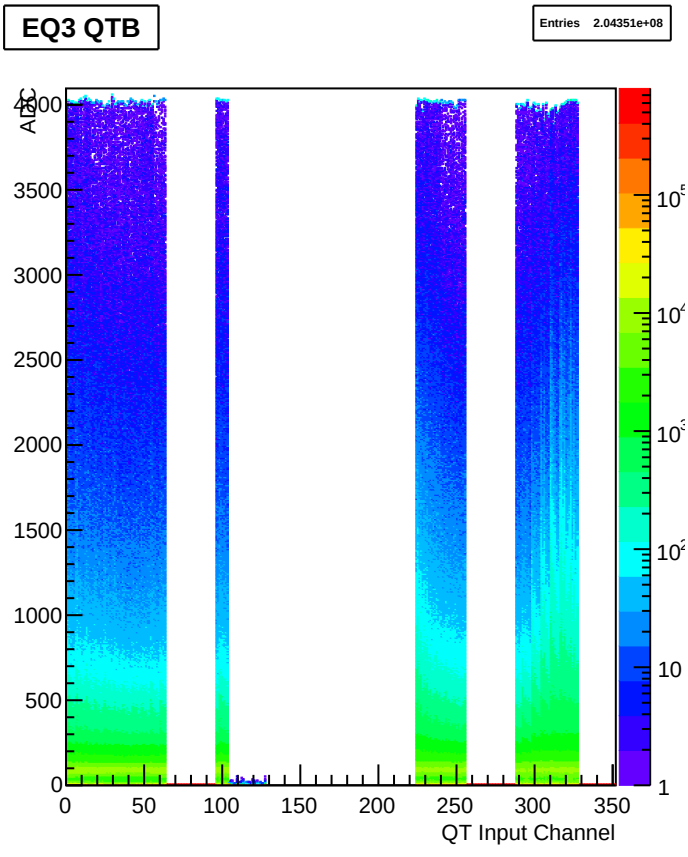

EQ1 QTC
Entries 7.663162e+07
TADC
QT Input Channel

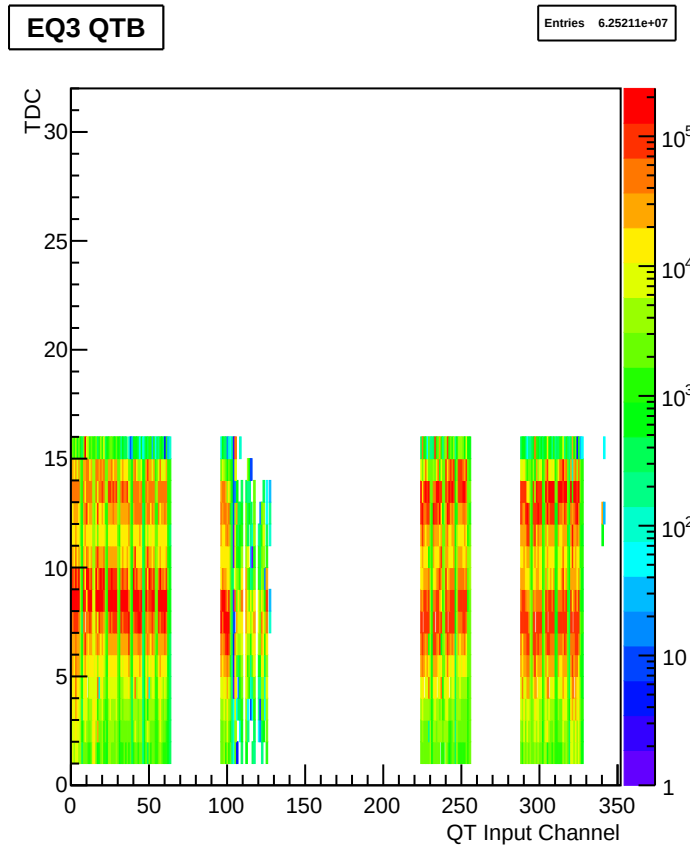

EQ2 QTB
Entries 2.298948e+08
ADC
QT Input Channel

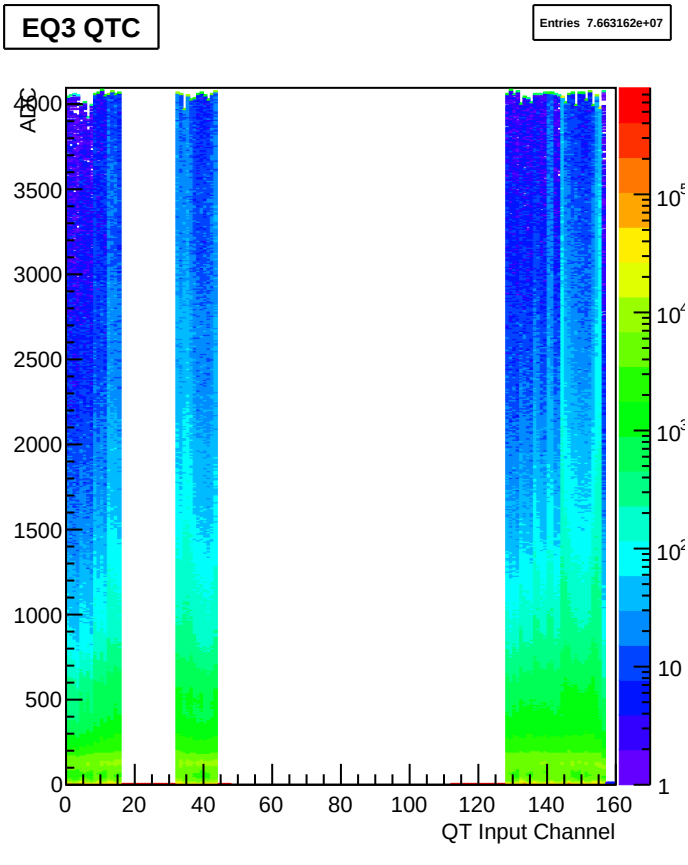

EQ2 QTB
Entries 7.623755e+07
TDC
QT Input Channel

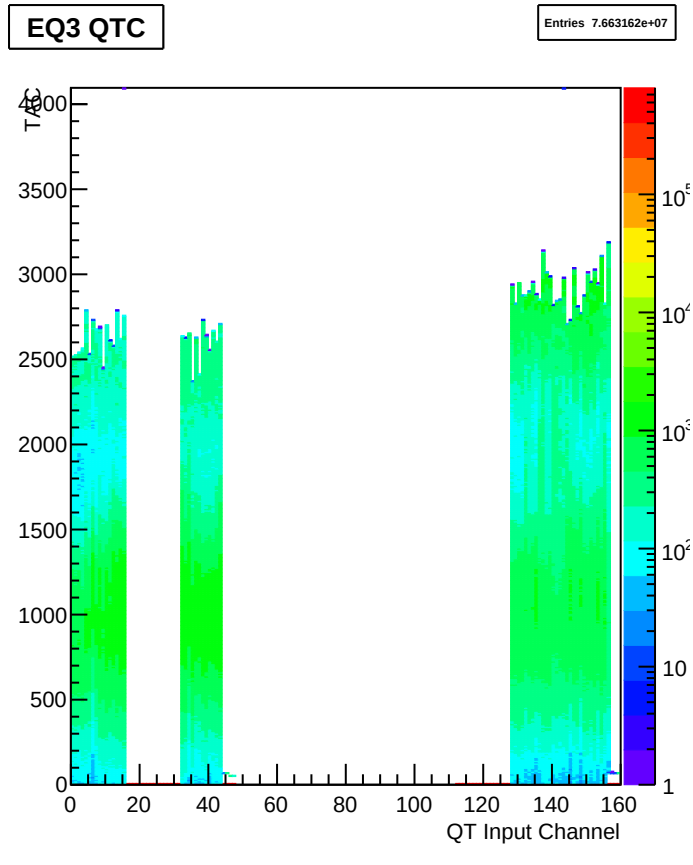

EQ2 QTC
Entries 7.663162e+07
ADC
QT Input Channel

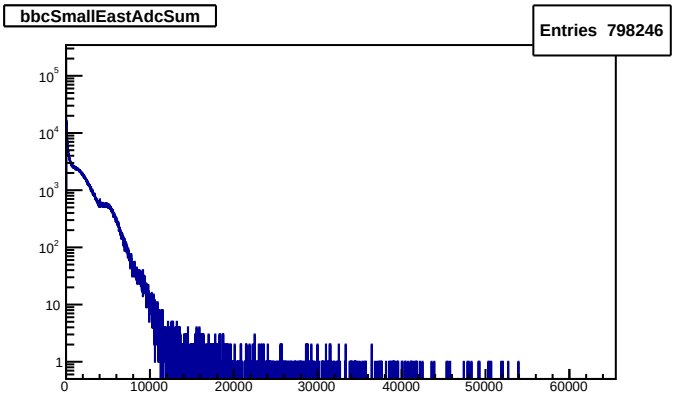

EQ2 QTC
Entries 7.663162e+07
TADC
QT Input Channel

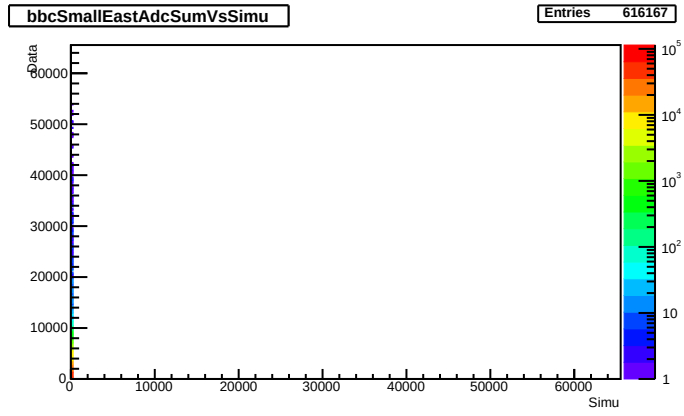

EQ3 QTB
Entries 2.04351e+08
ADC
QT Input Channel

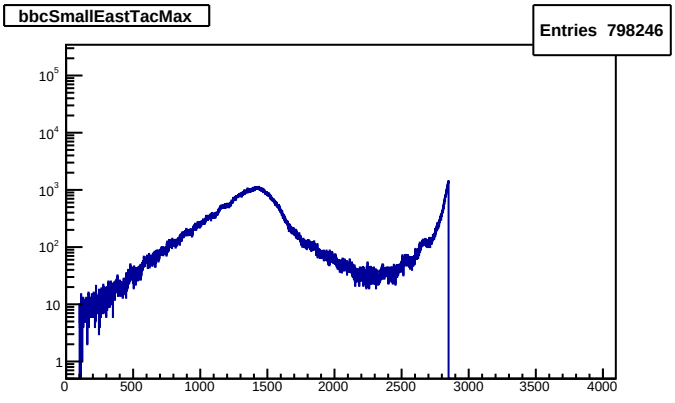

EQ3 QTB
Entries 6.25211e+07
TDC
QT Input Channel

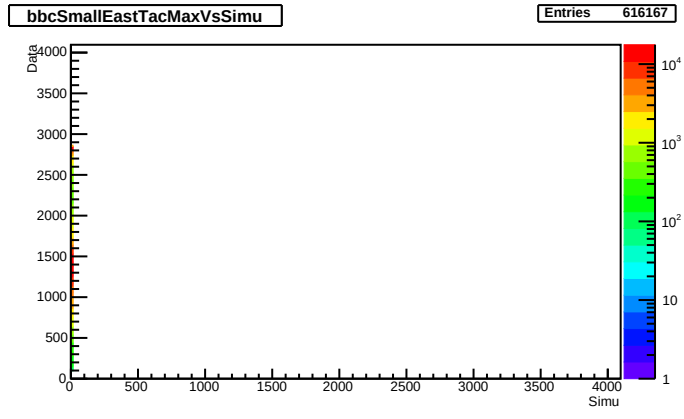

EQ3 QTC
Entries 7.663162e+07
ADC
QT Input Channel


EQ3 QTC
Entries 7.663162e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 798246


bbcSmallEastAdcSumVsSimu
Entries 616167
Data
Simu


bbcSmallEastTacMax
Entries 798246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Entries 616167
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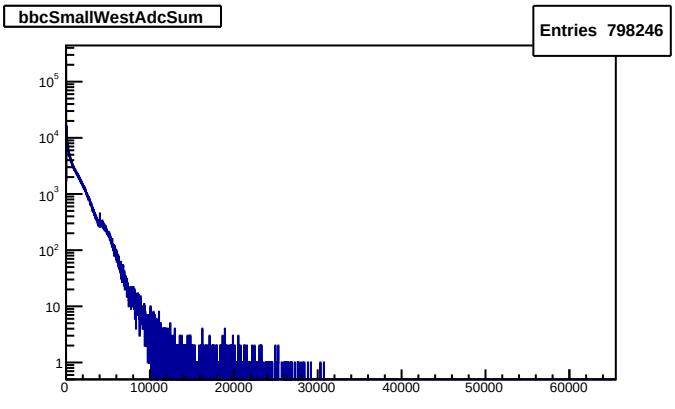
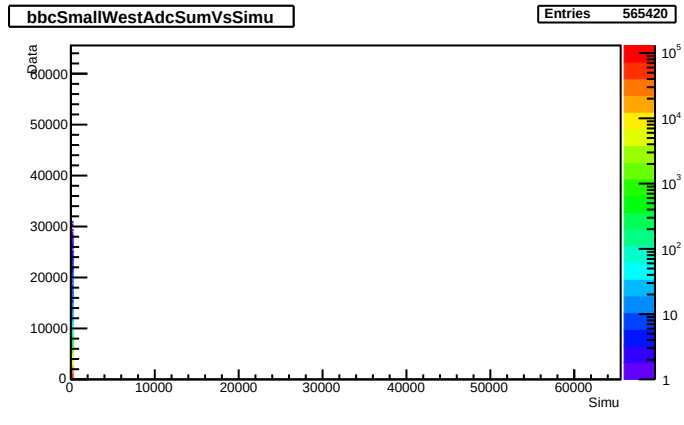
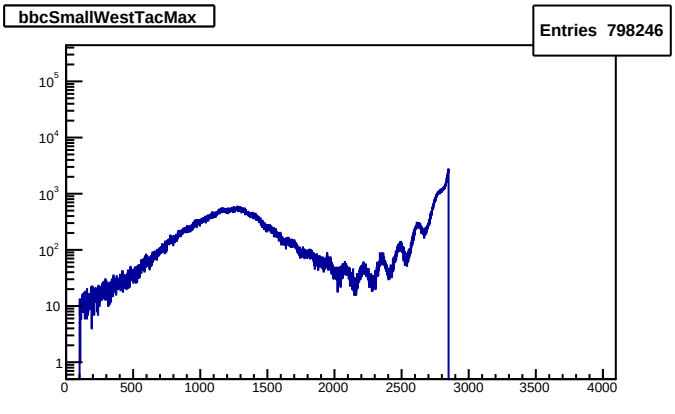
Simu


bbcSmallWestAdcSum
Entries 798246


bbcSmallWestAdcSumVsSimu
Entries 565420
Data
Simu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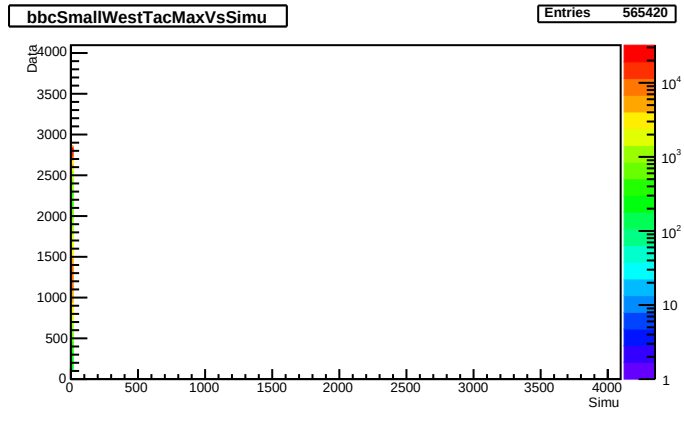
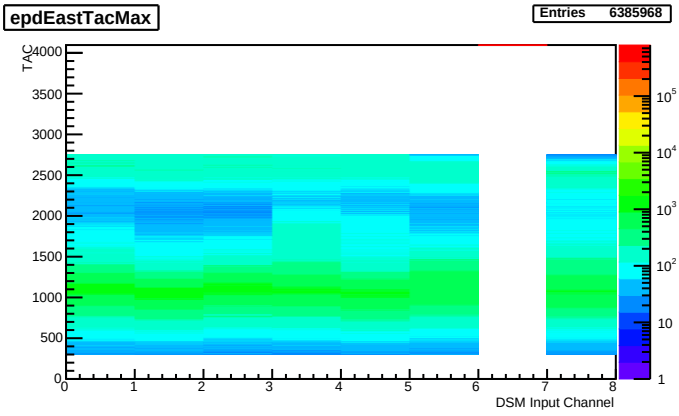
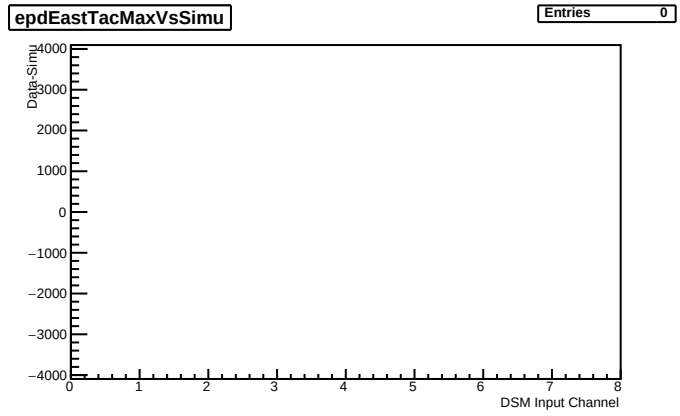
Entries 798246


bbcSmallWestTacMaxVsSimu
Entries 565420
Data
Simu


epdEastTacMax
Entries 6385968
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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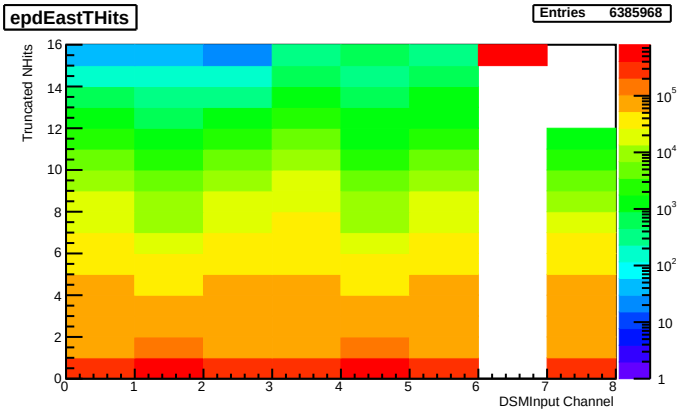
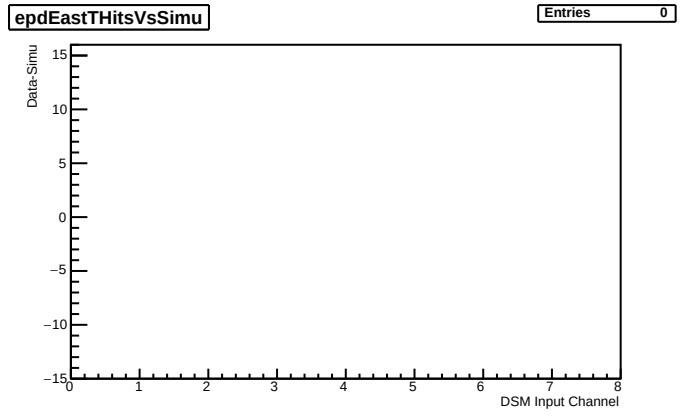

epdEastTHits
Entries 6385968
Truncated NHits
DSMInput Channel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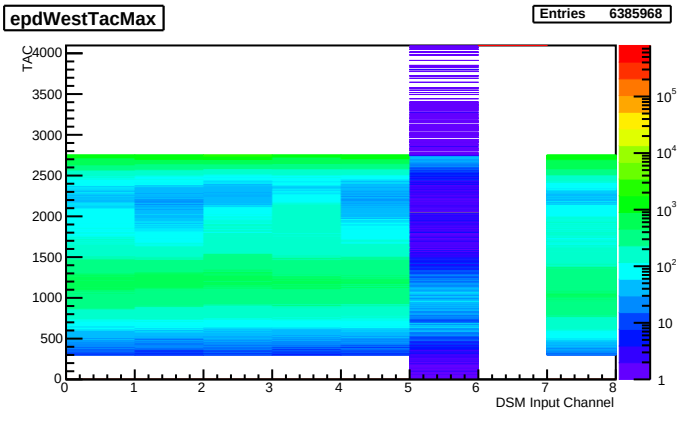
Entries 0
Data-Simu
DSM Input Channel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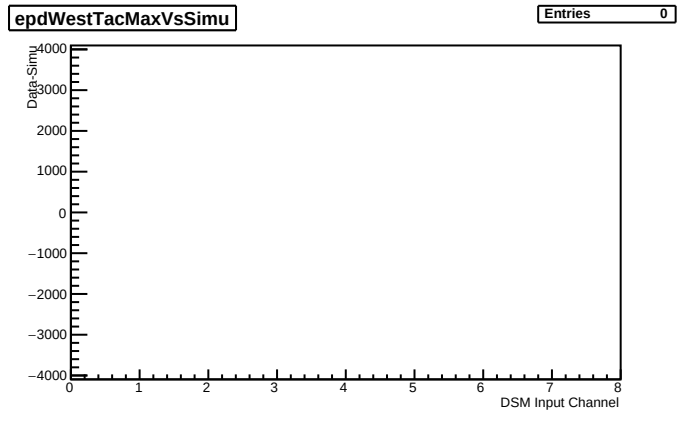
Entries 6385968
TAC
DSM Input Channel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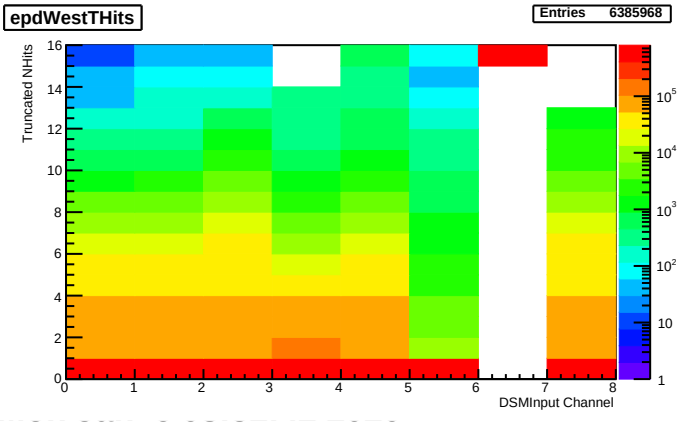
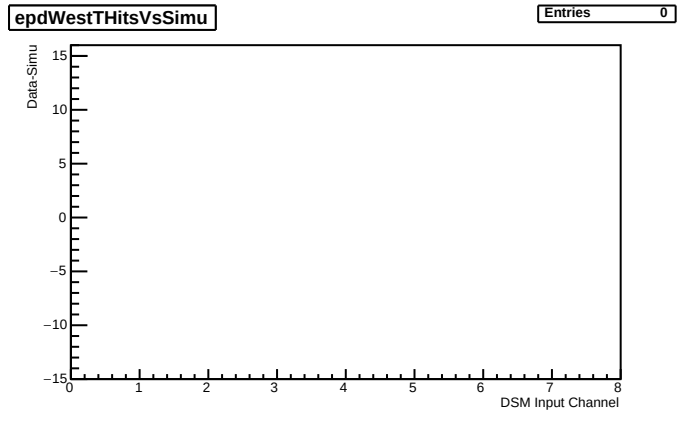
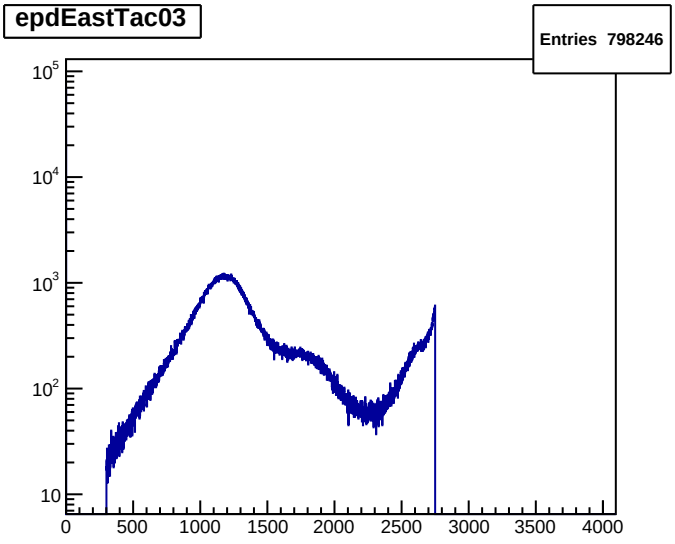
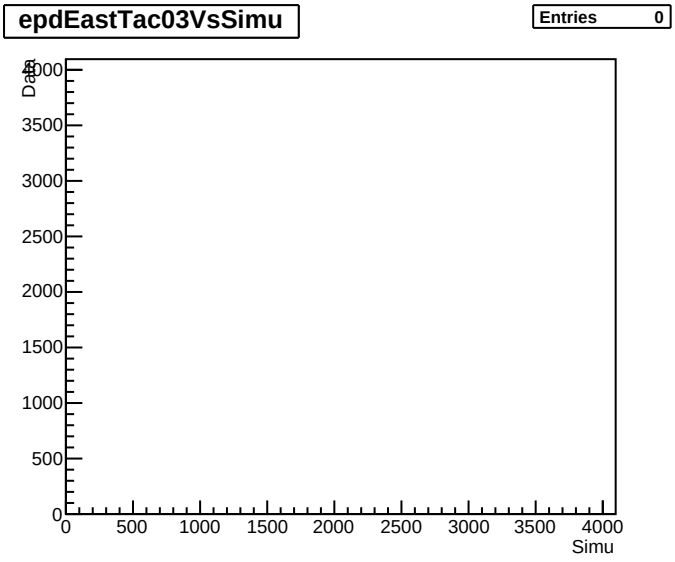
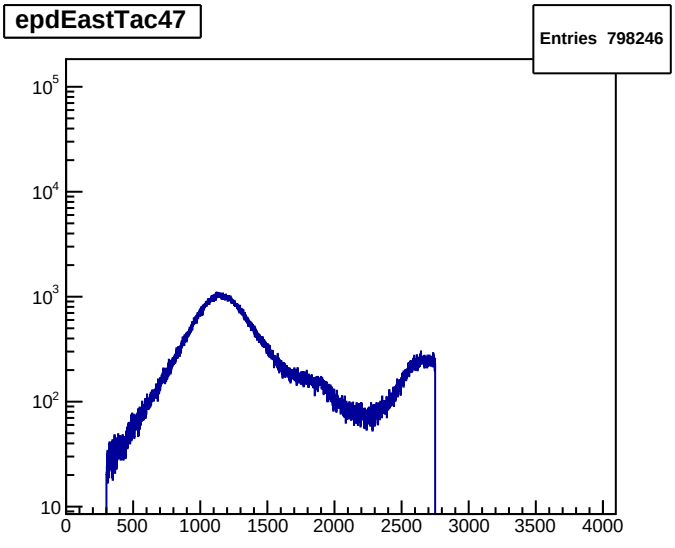
Entries 0
Data-Simu
DSM Input Channel

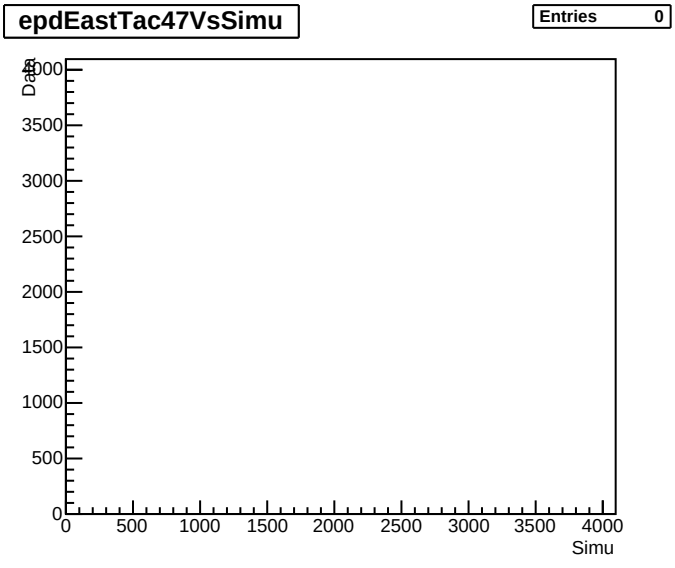

epdWestTHits
Entries 6385968
Truncated NHits
DSMInput Channel

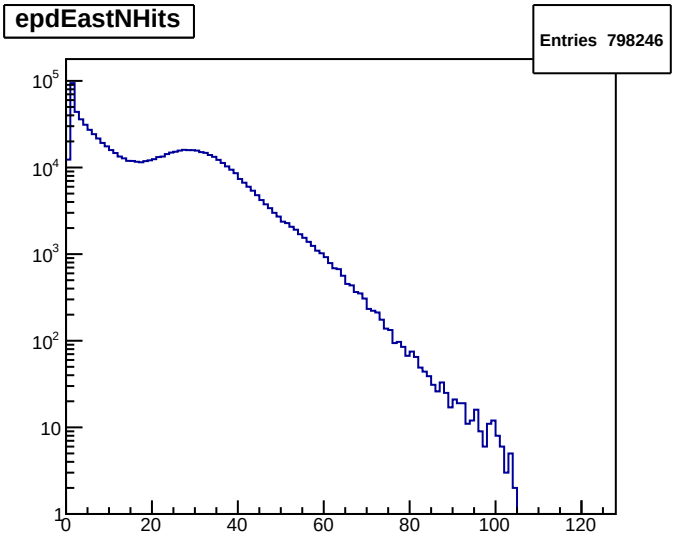

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

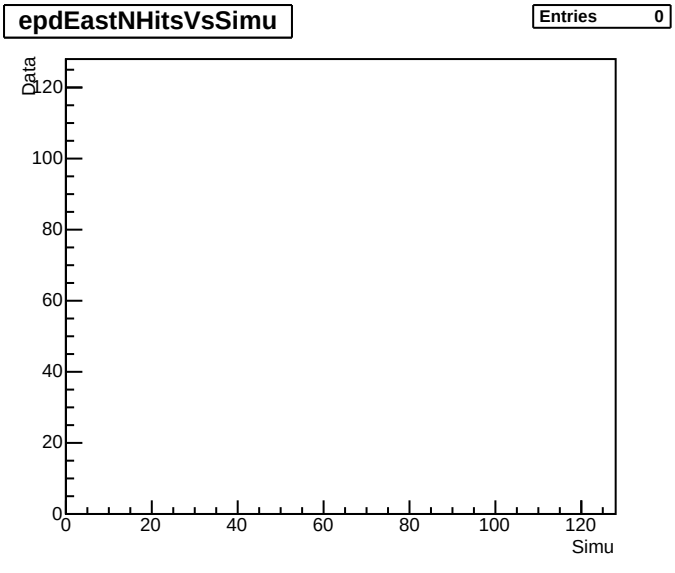

epdEastTac03
Entries 798246


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 798246


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 798246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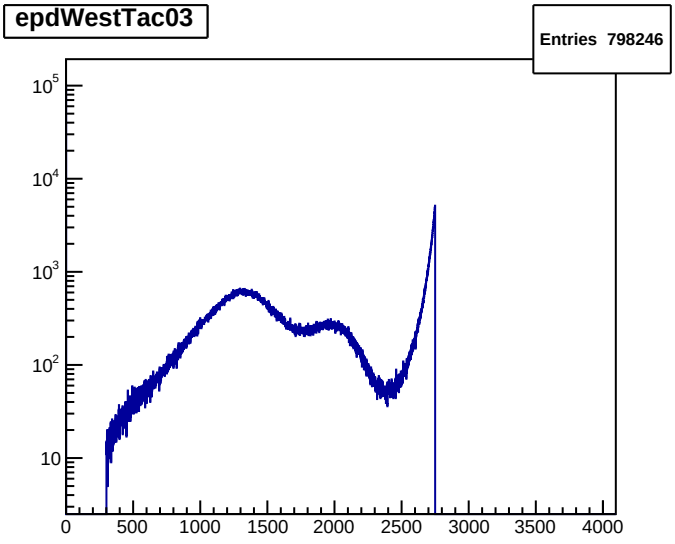
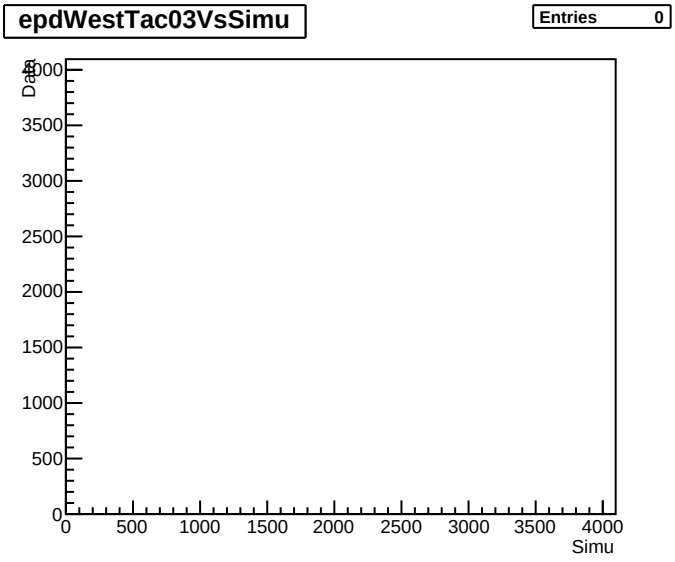
Entries 0
Data
Simu


epdWestTac03
Entries 798246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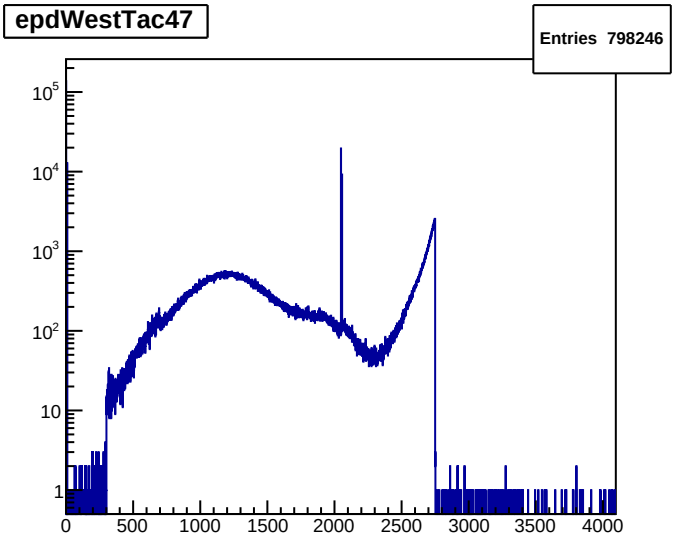
Entries 0
Data
Simu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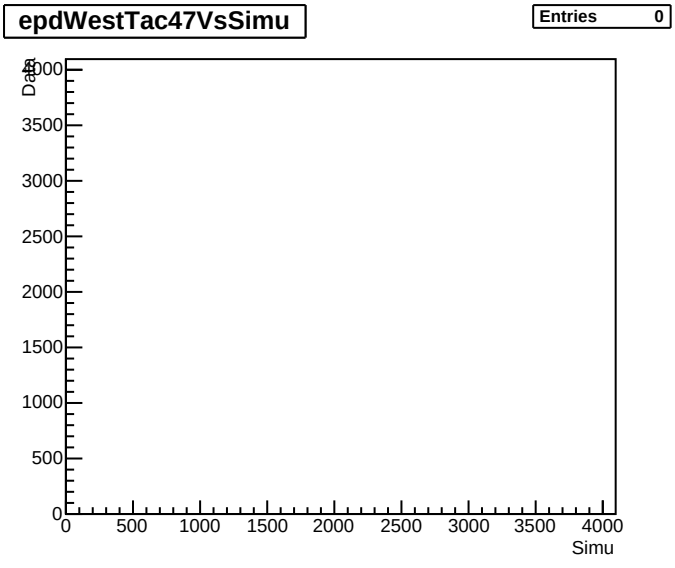
Entries 798246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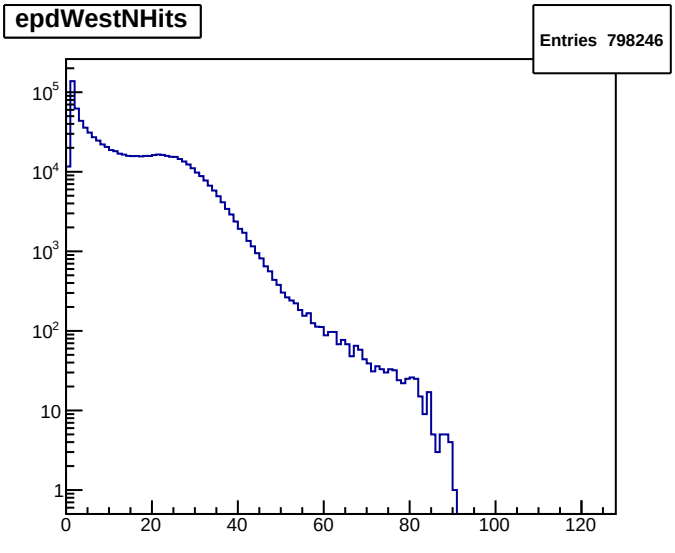
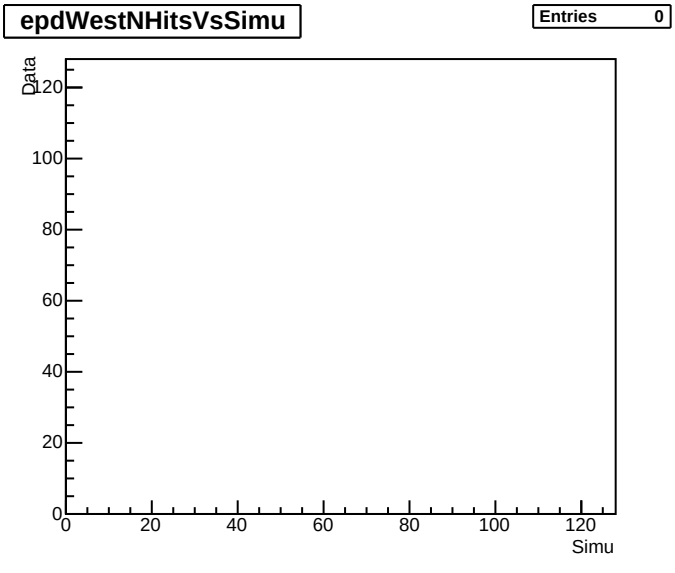
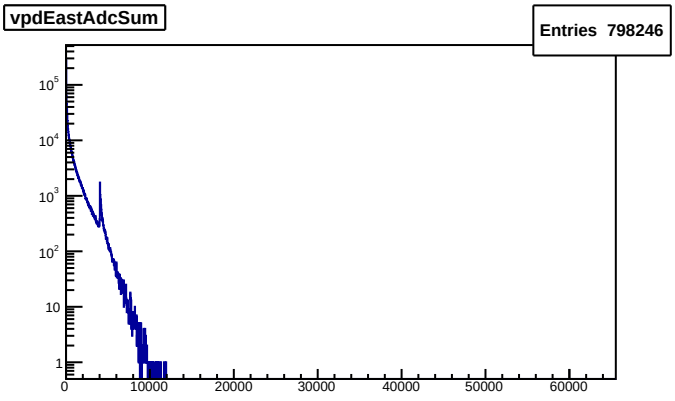
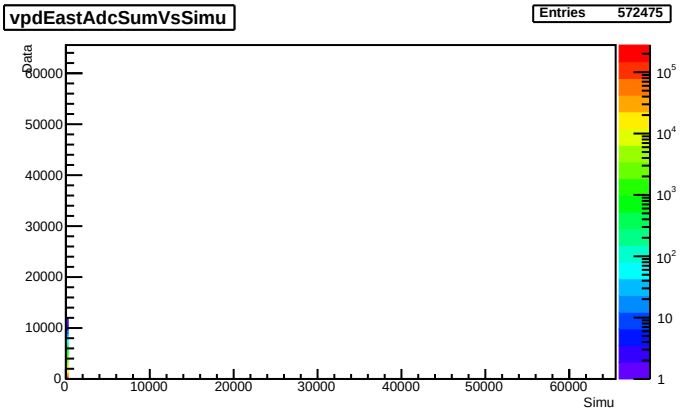
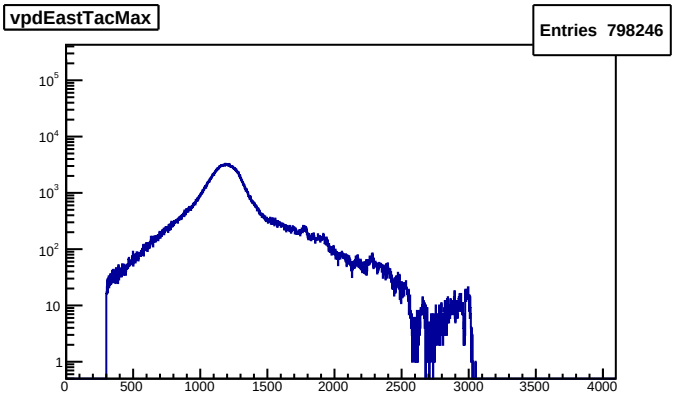
Entries 0
Data
Simu

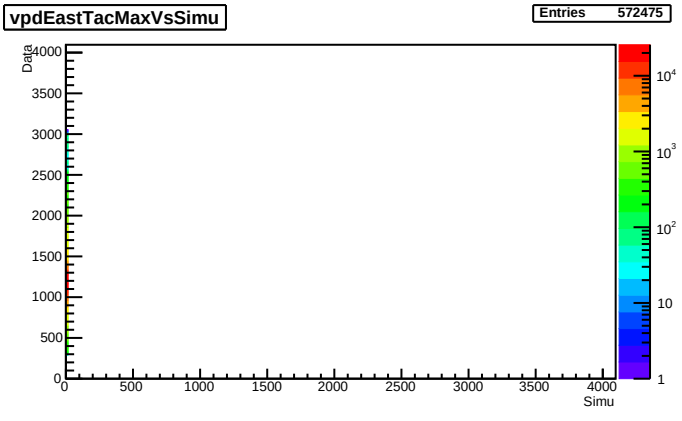

epdWestNHits
Entries 798246

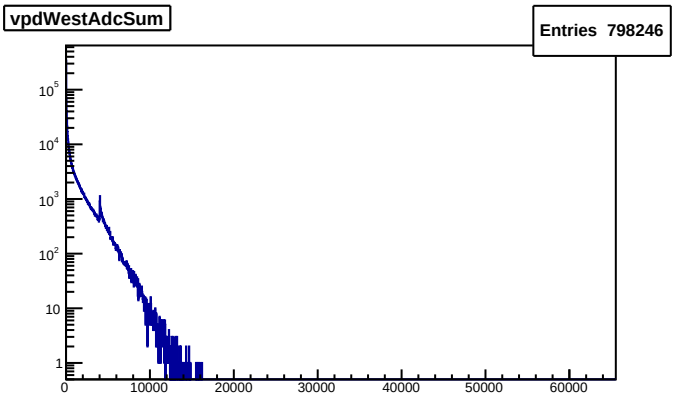

epdWestNHitsVsSimu
Entries 0
Data
Simu

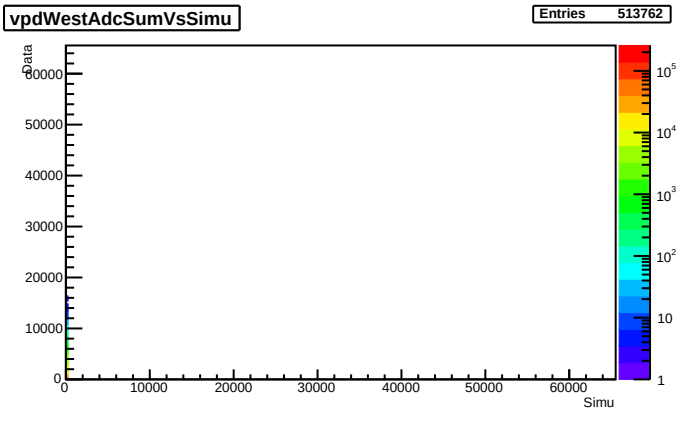

vpdEastAdcSum
Entries 798246

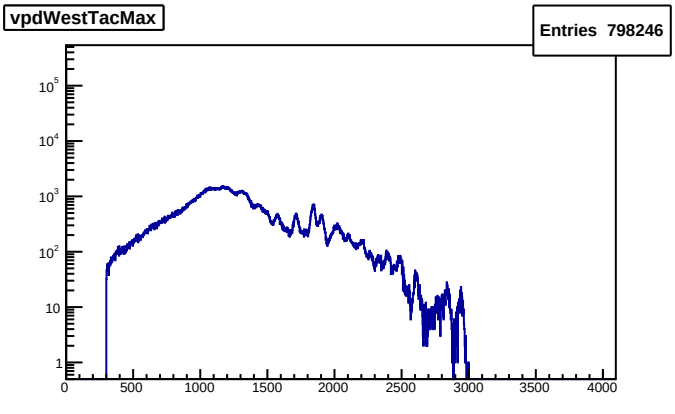

vpdEastAdcSumVsSimu
Entries 572475
Data
Simu

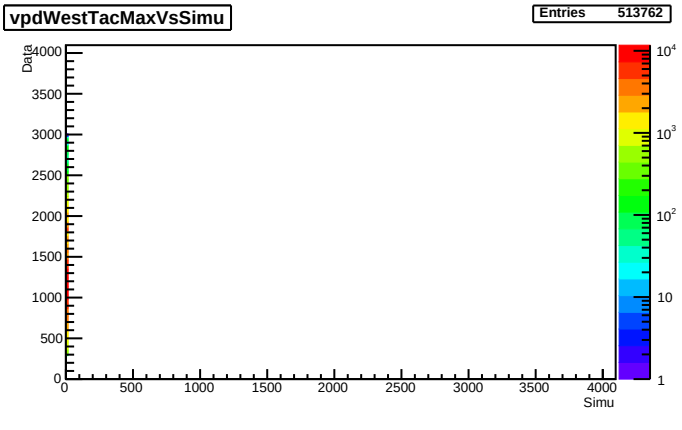

vpdEastTacMax
Entries 798246

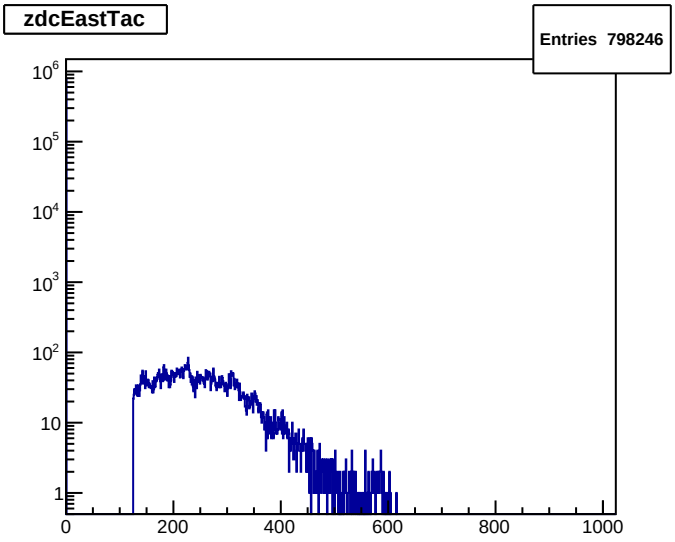

vpdEastTacMaxVsSimu
Entries 572475
Data
Simu

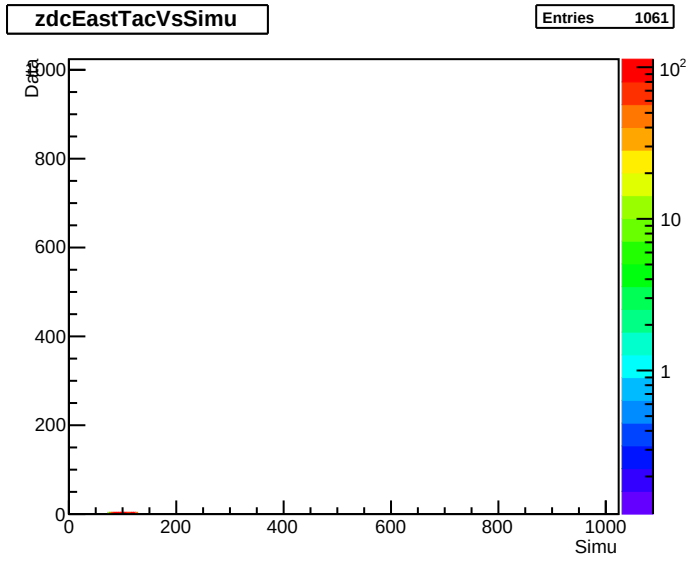

vpdWestAdcSum
Entries 798246

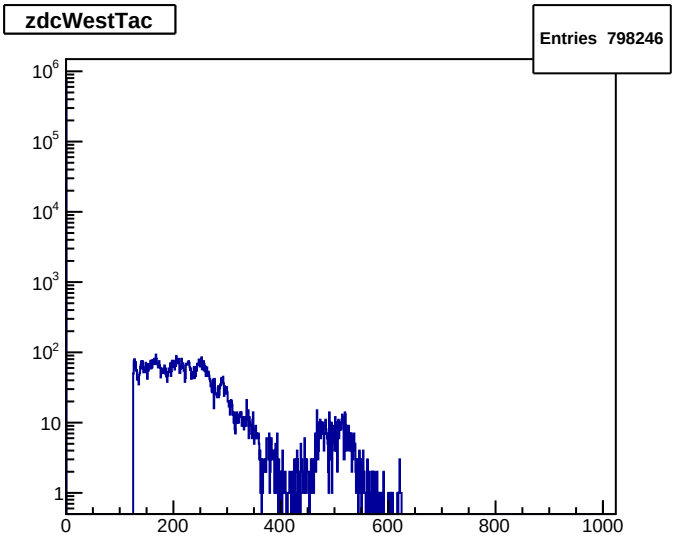

vpdWestAdcSumVsSimu
Entries 513762
Data
Simu

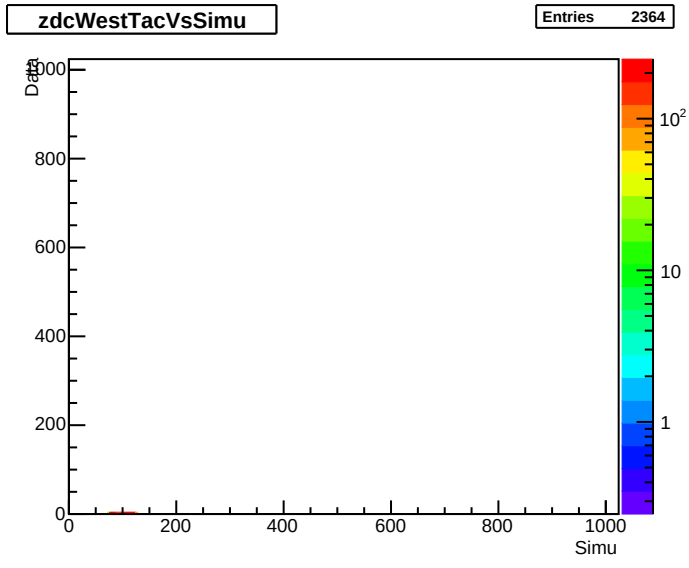

vpdWestTacMax
Entries 798246

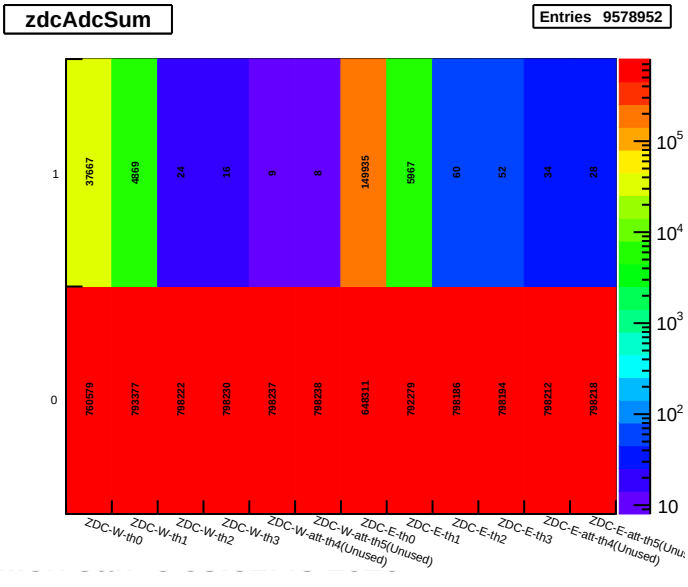

vpdWestTacMaxVsSimu
Entries 513762
Data
Simu

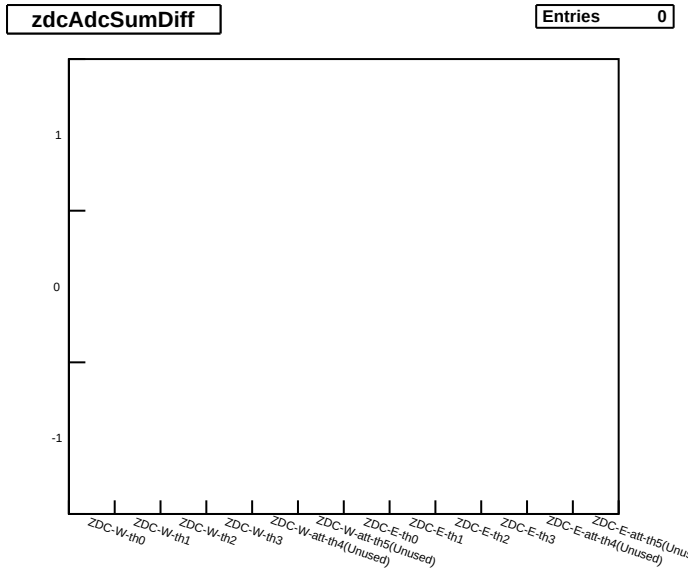

zdcEastTac
Entries 798246

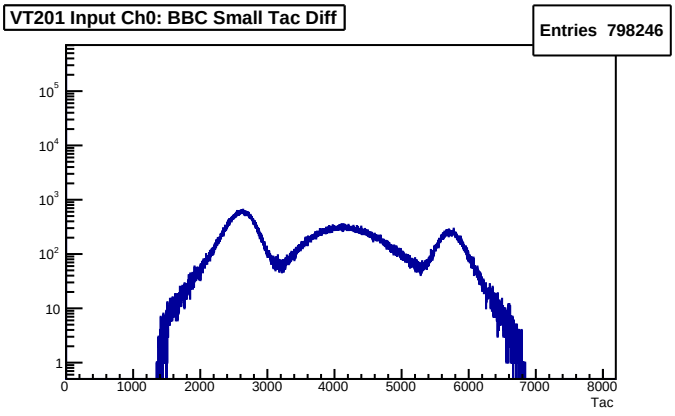

zdcEastTacVsSimu
Entries 1061
Data
Simu

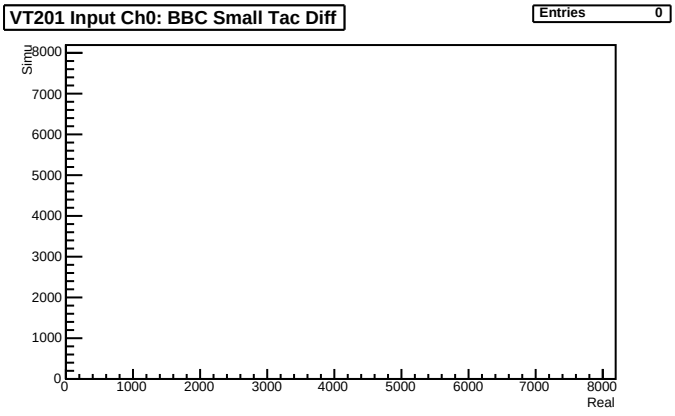

zdcWestTac
Entries 798246

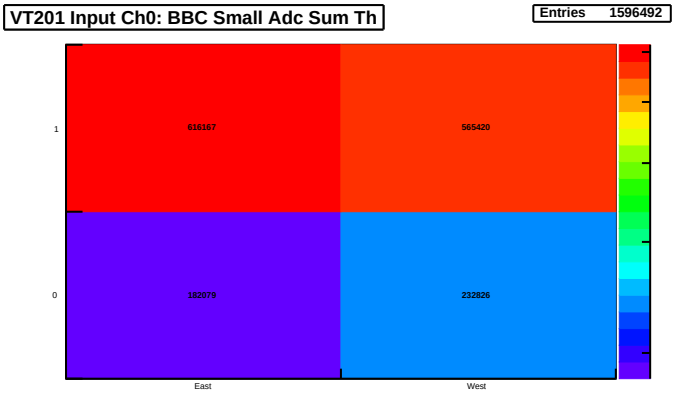

zdcWestTacVsSimu
Entries 2364
Data
Simu

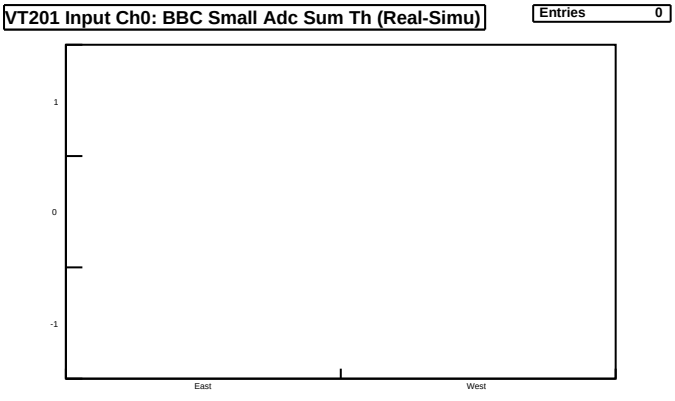

zdcAdcSum
Entries 9578952
37667
4869
24
16
9
8
149935
5967
60
52
34
28
760579
793377
798222
798230
798237
798238
645311
792279
798186
798194
798212
798218
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

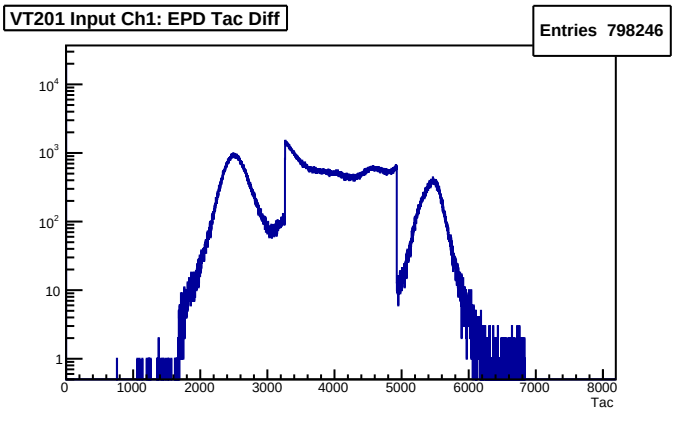

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

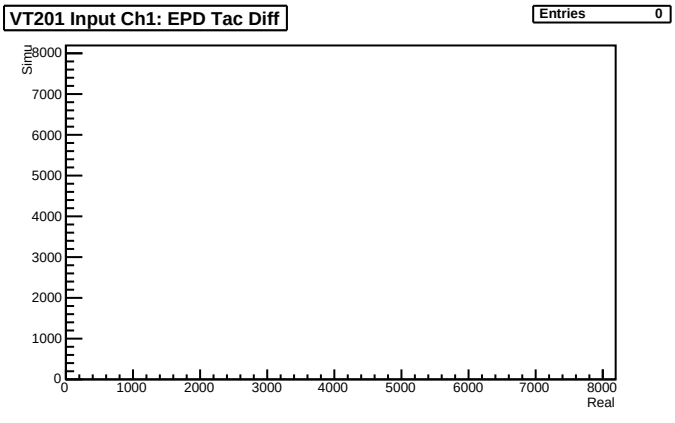

VT201 Input Ch0: BBC Small Tac Diff
Entries 798246
Tac

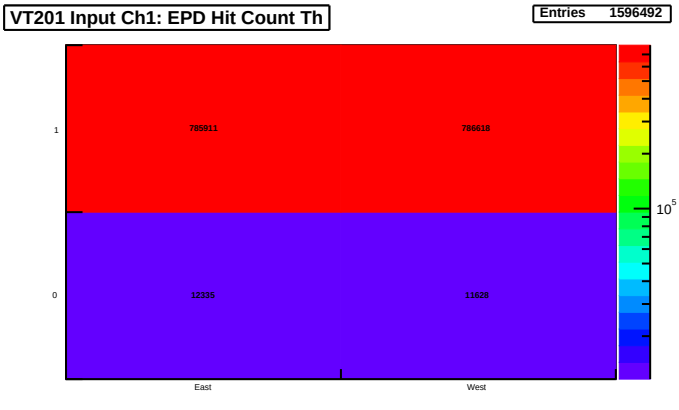

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

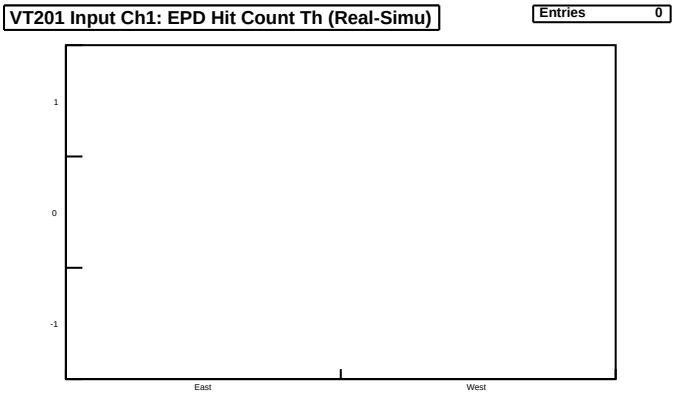

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1596492
616167
565420
182079
232826
East
West

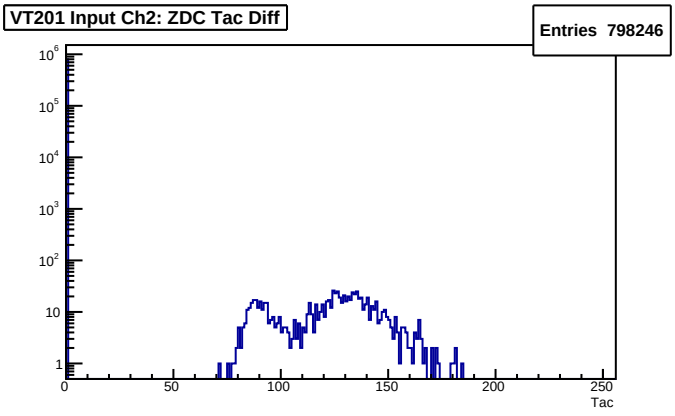

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

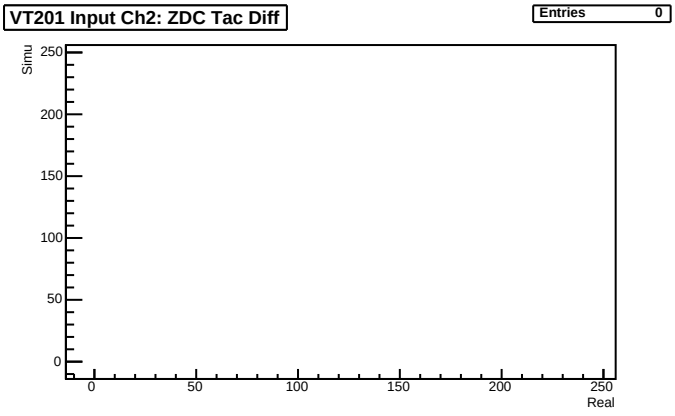

VT201 Input Ch1: EPD Tac Diff
Entries 798246
Tac

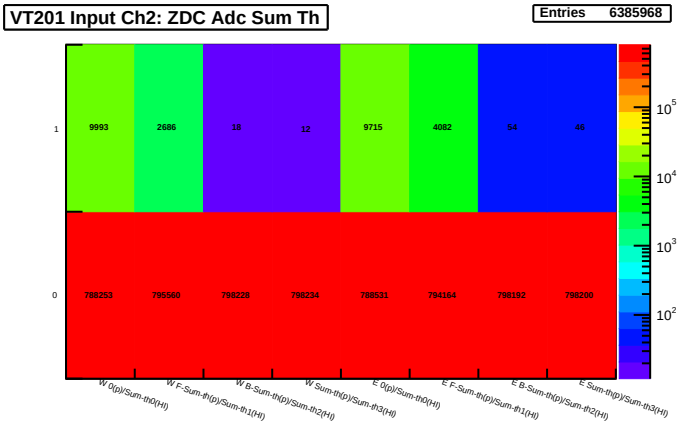

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

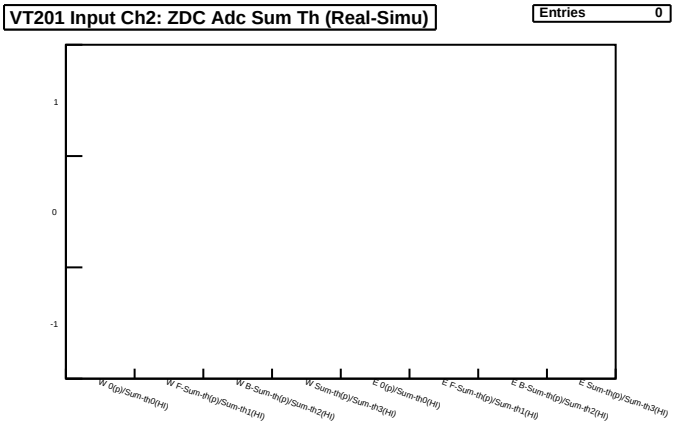

VT201 Input Ch1: EPD Hit Count Th
Entries 1596492
785911
786618
12335
11628
East
West

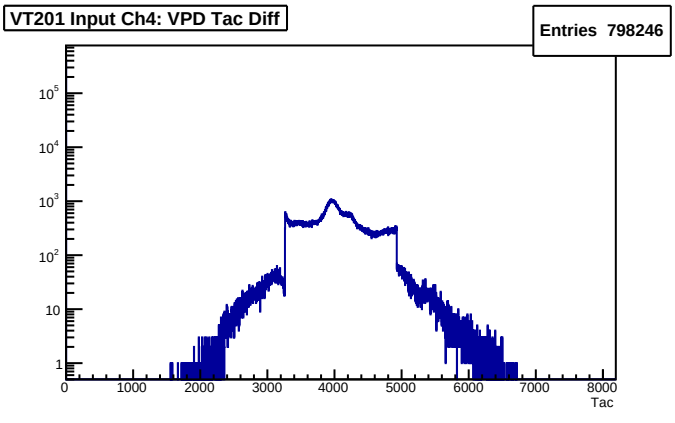

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

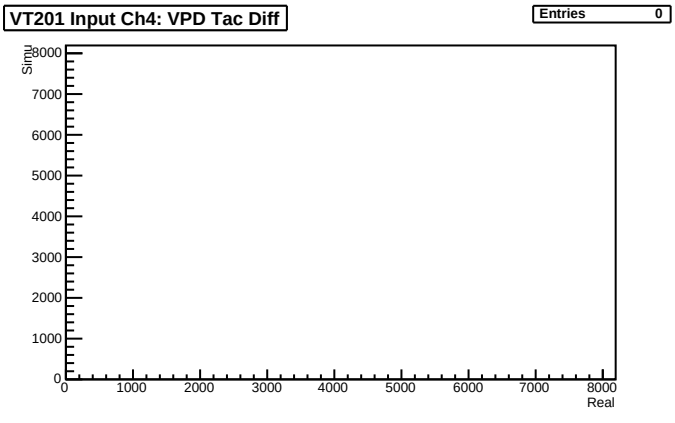

VT201 Input Ch2: ZDC Tac Diff
Entries 798246
Tac

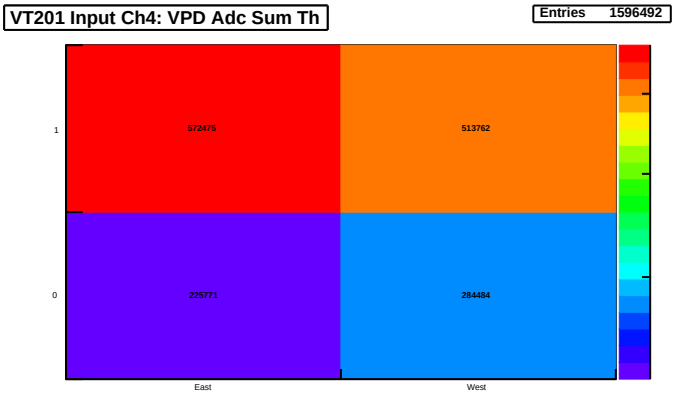

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

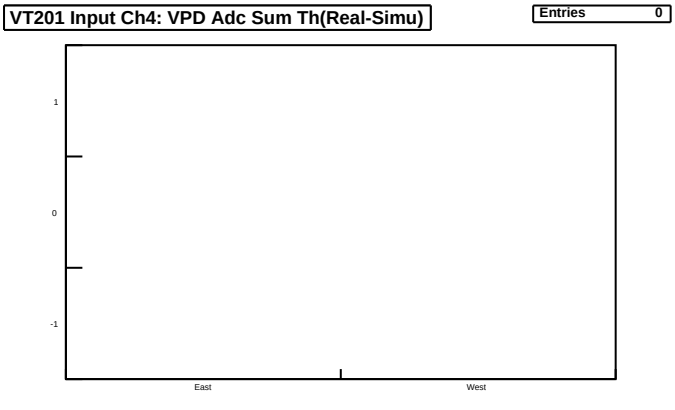

VT201 Input Ch2: ZDC Adc Sum Th
Entries 6385968
9993
2686
18
12
9715
4082
54
46
788253
795560
798228
798234
788531
794164
798192
798200
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

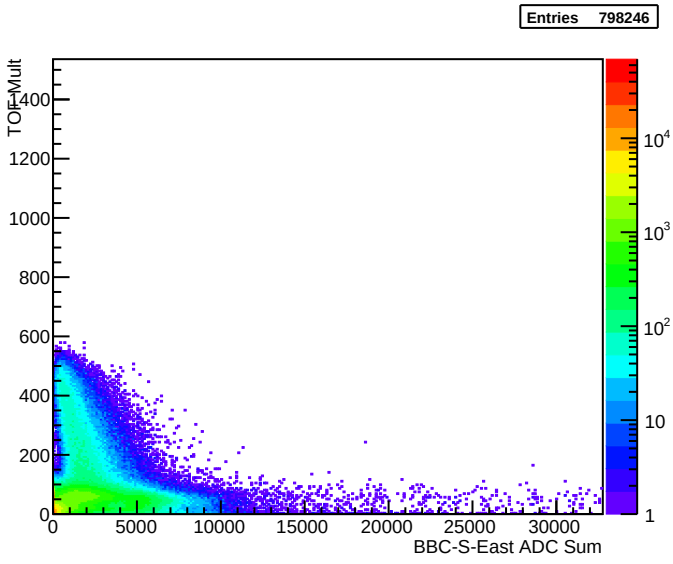

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

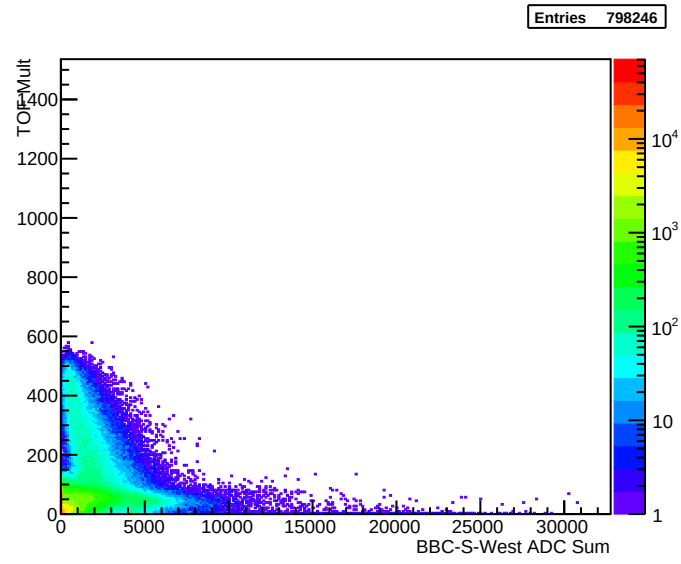

VT201 Input Ch4: VPD Tac Diff
Entries 798246
Tac

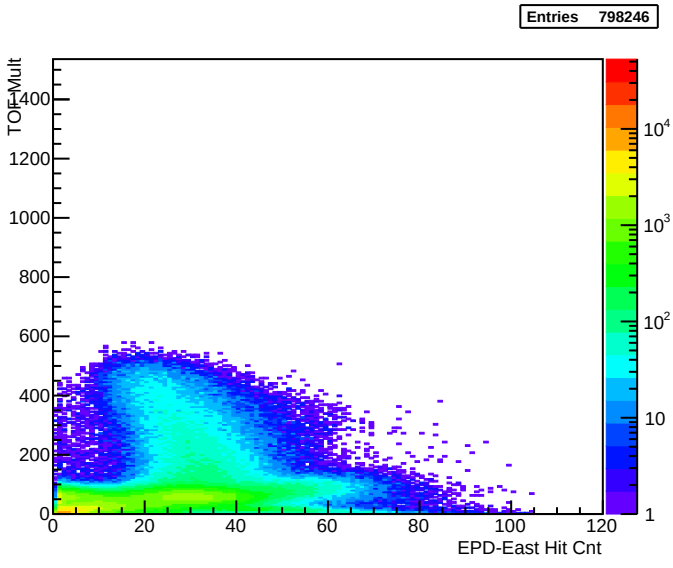

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

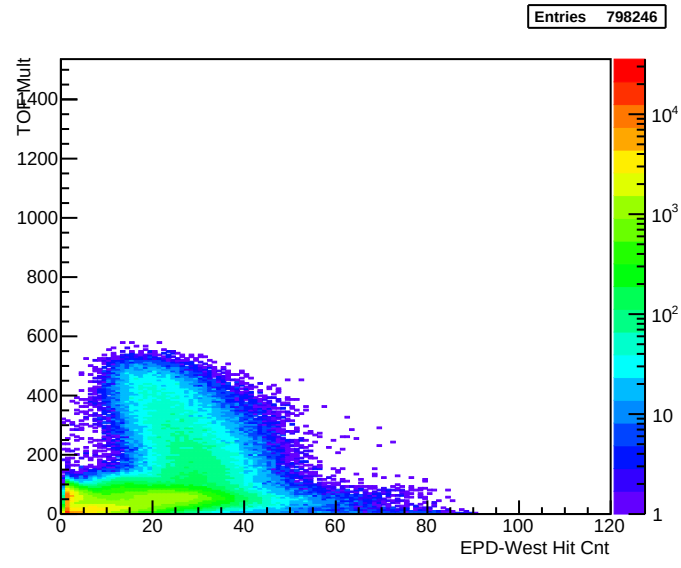

VT201 Input Ch4: VPD Adc Sum Th
Entries 1596492
572475
513762
225771
284484
East
West

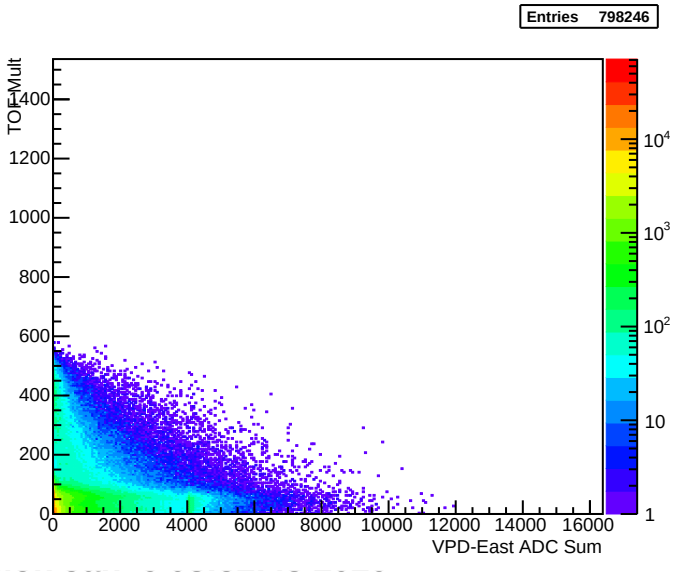

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

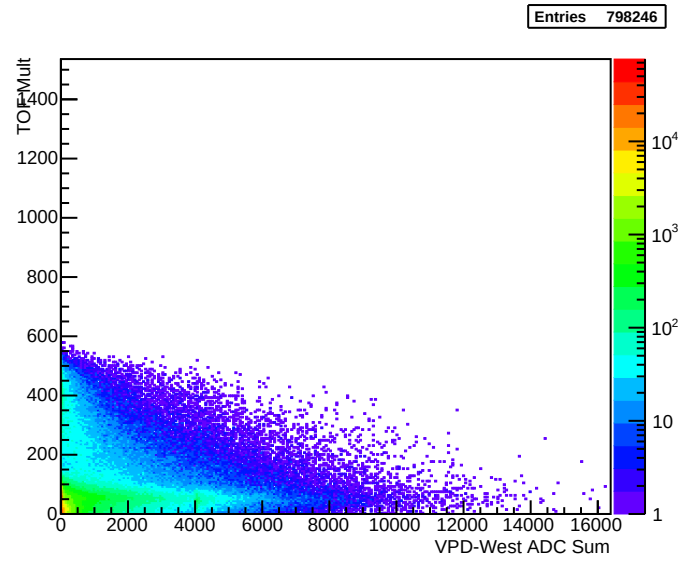

Entries 798246
TOF-Mult
BBC-S-East ADC Sum

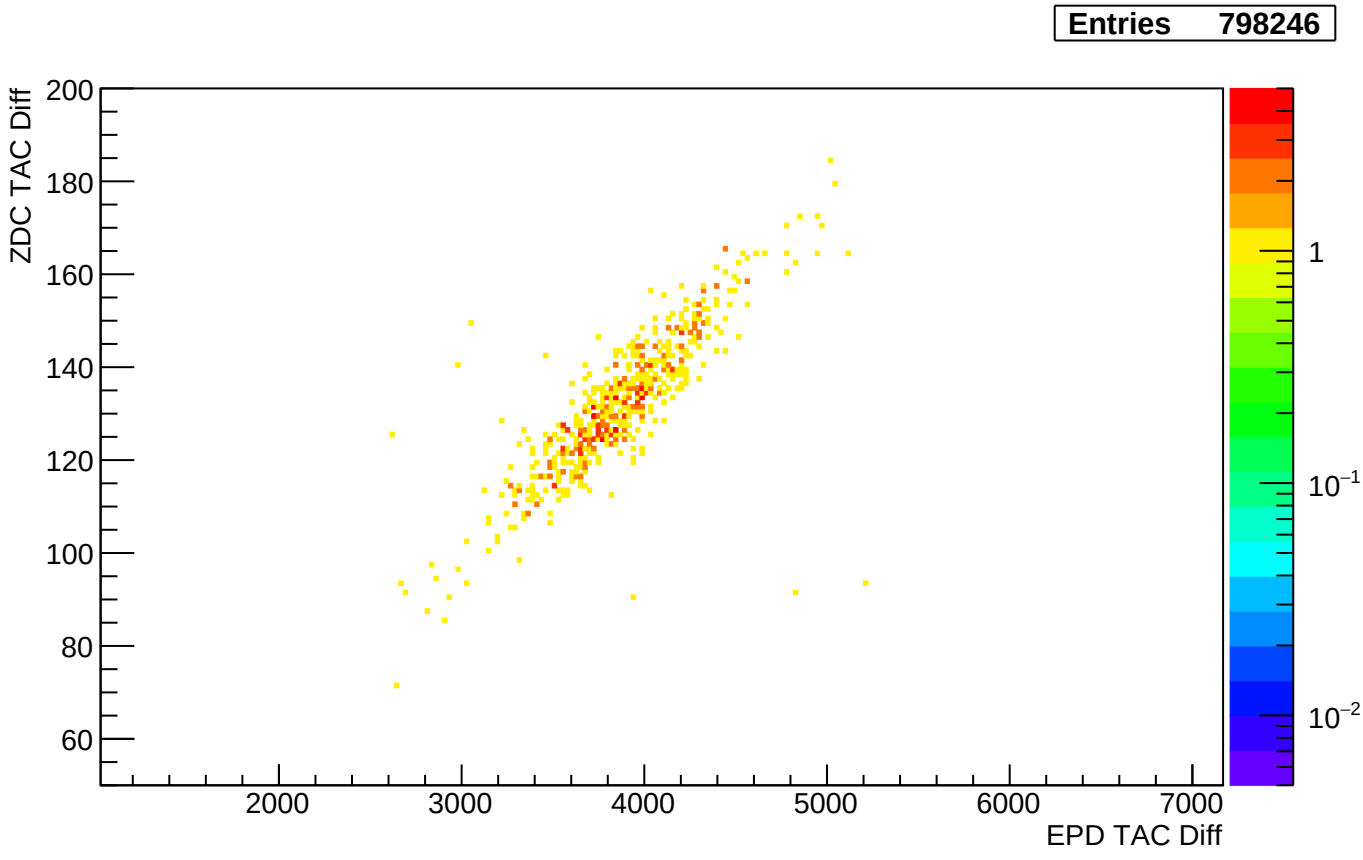

Entries 798246
TOF-Mult
BBC-S-West ADC Sum

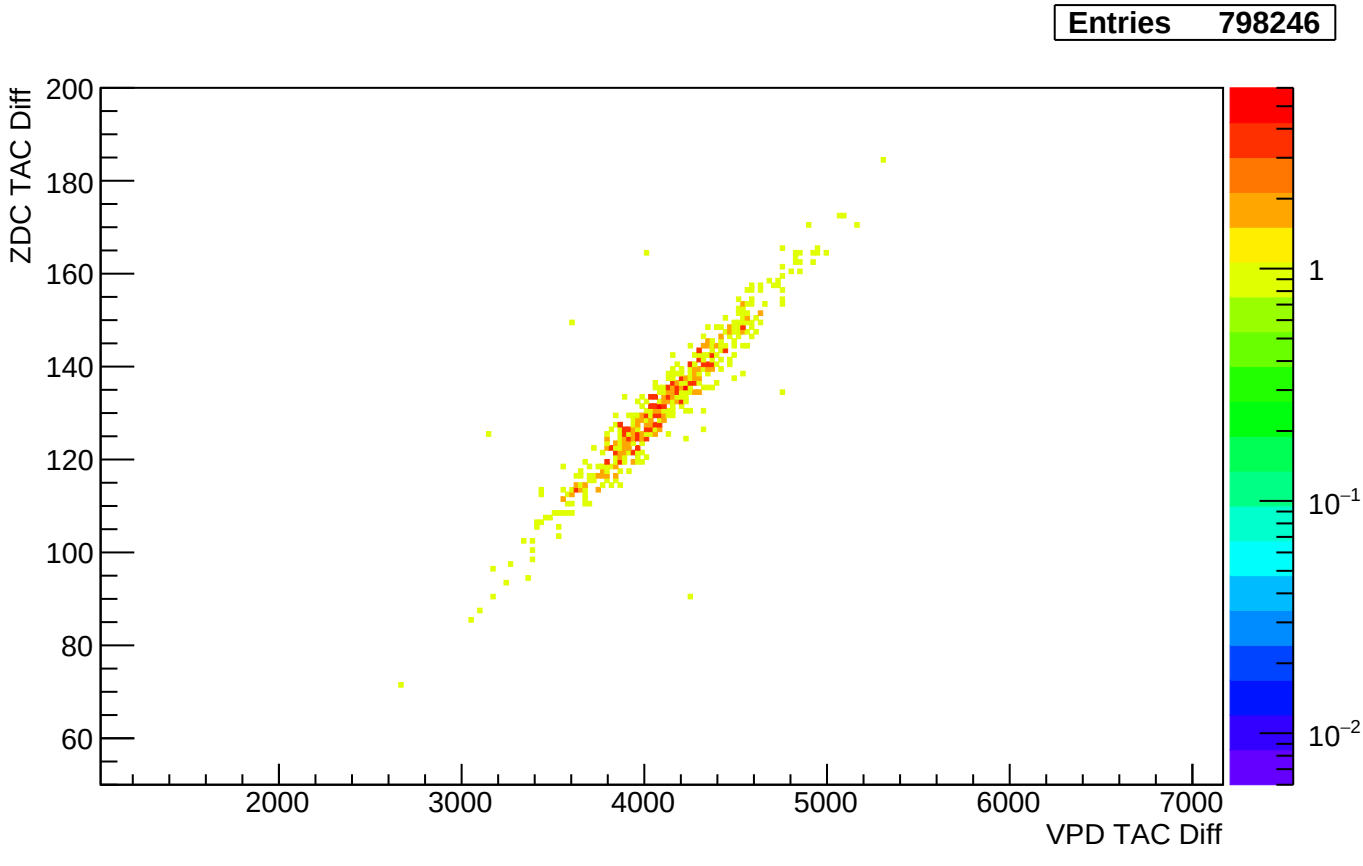

Entries 798246
TOF-Mult
EPD-East Hit Cnt

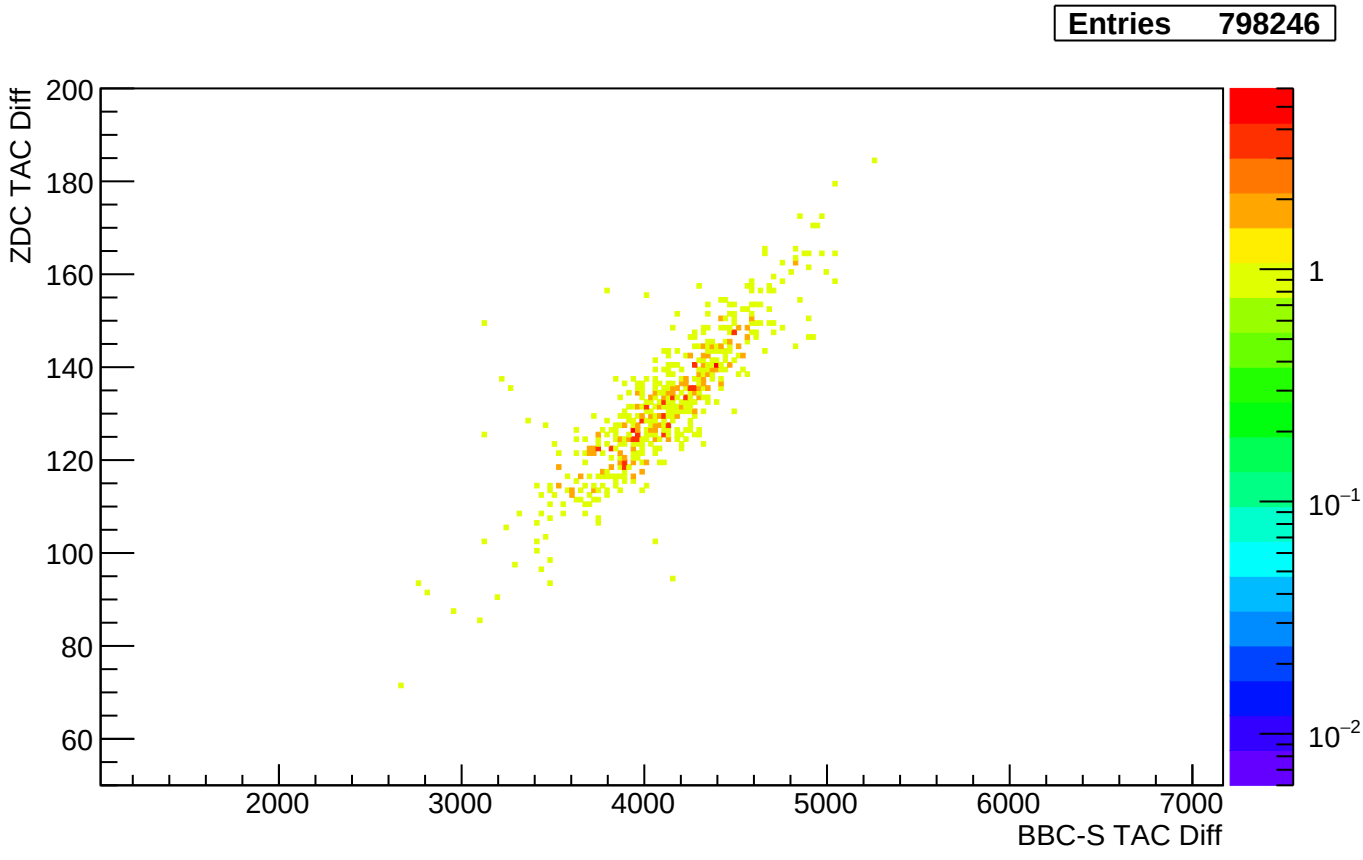

Entries 798246
TOF-Mult
EPD-West Hit Cnt

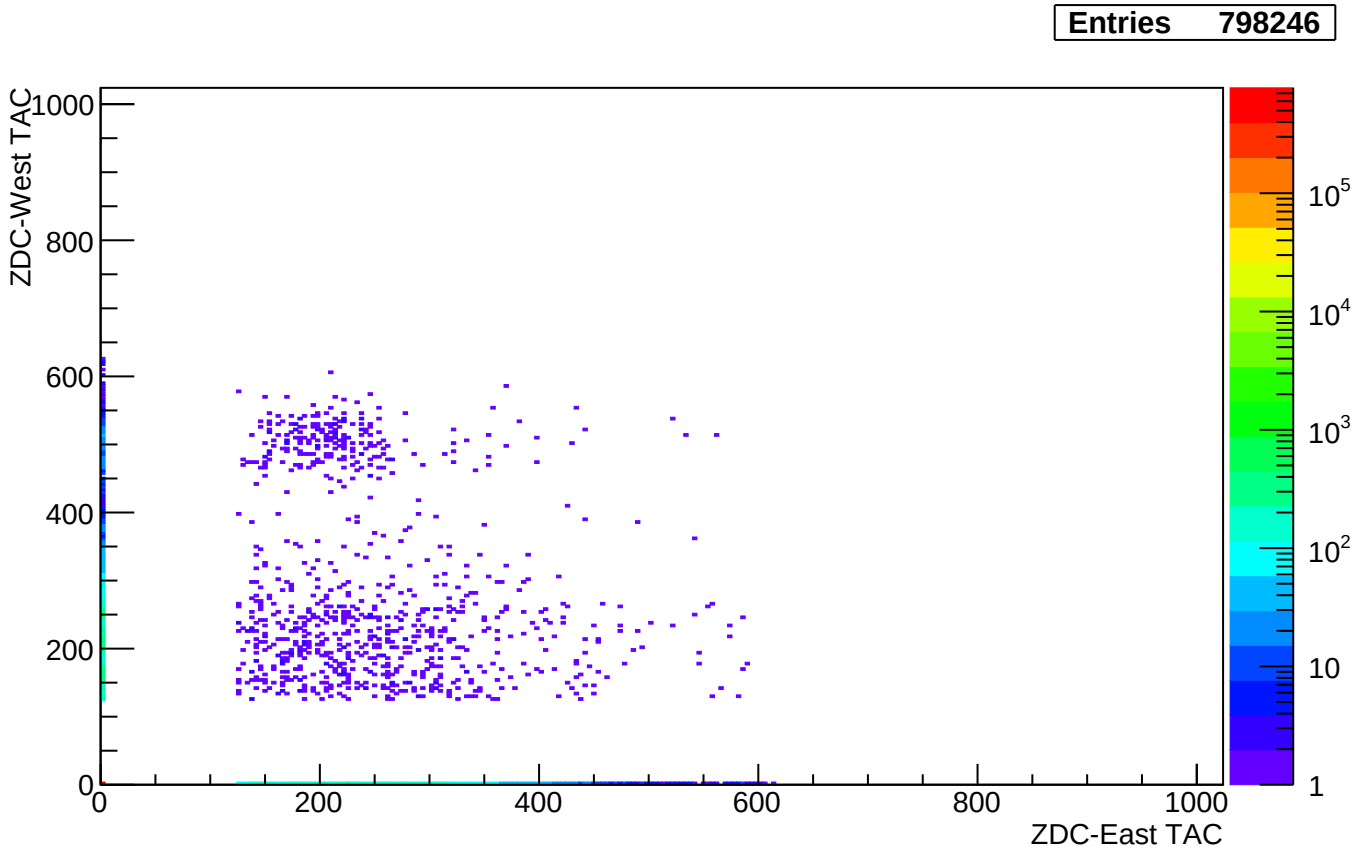

Entries 798246
TOF-Mult
VPD-East ADC Sum

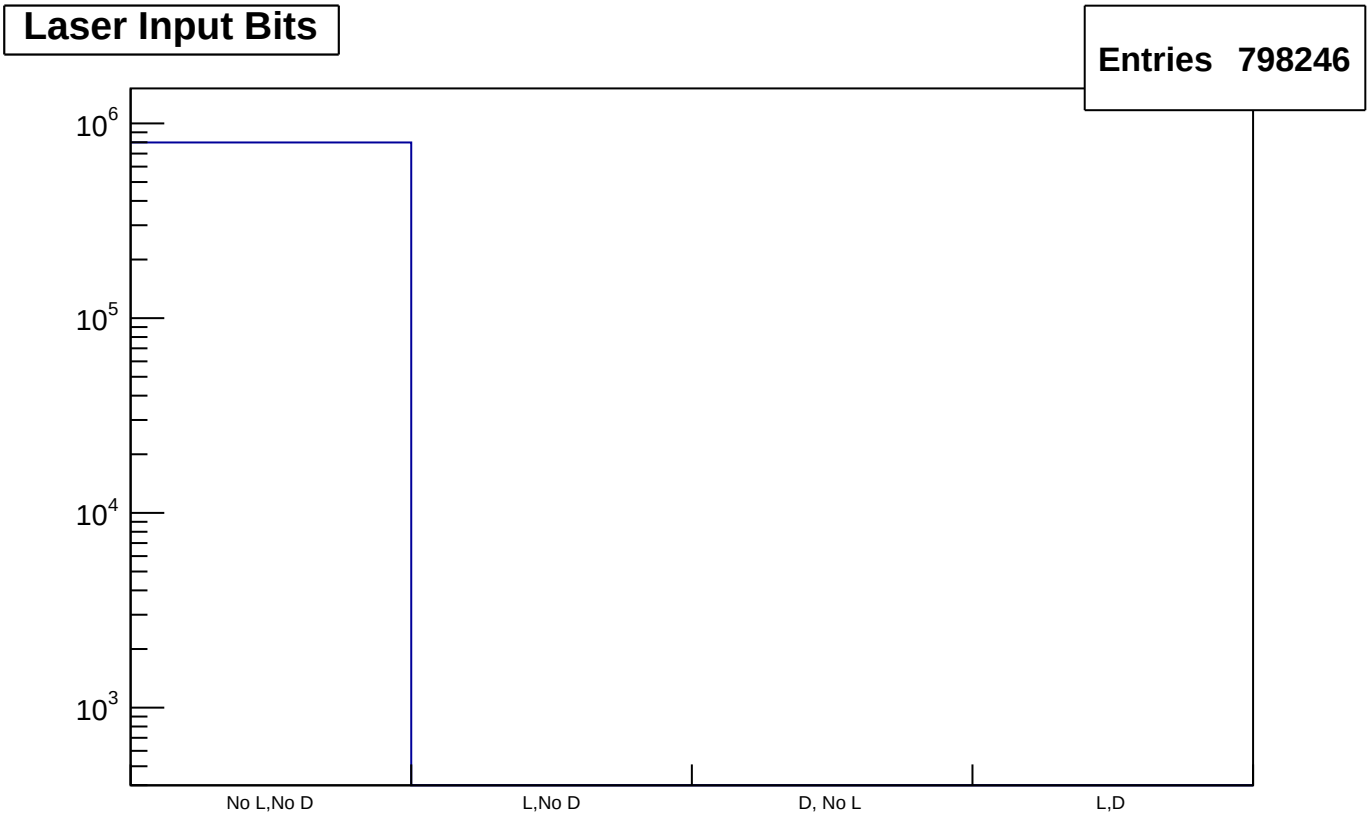

Entries 798246
TOF-Mult
VPD-West ADC Sum

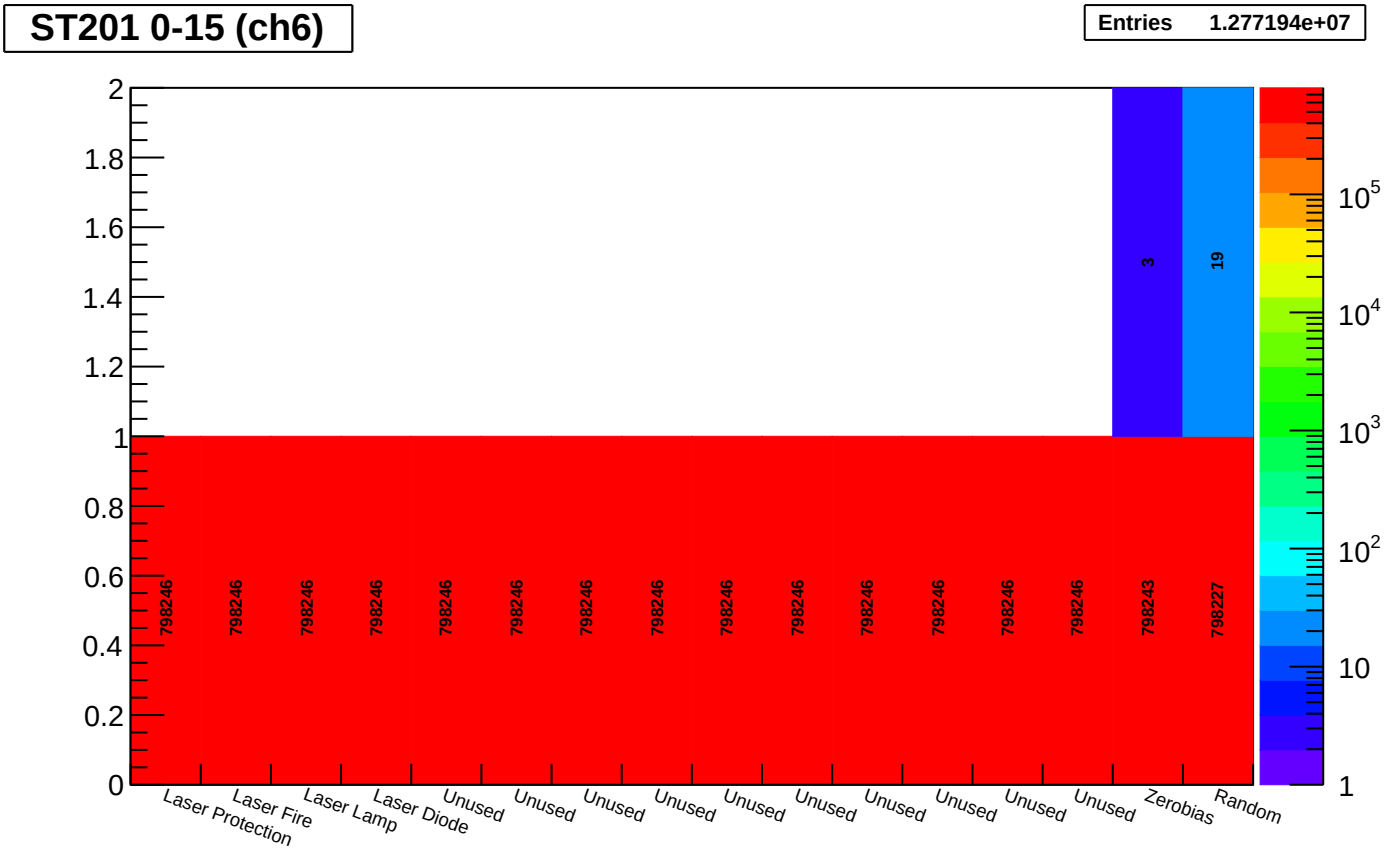

Entries 798246
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 798246
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}

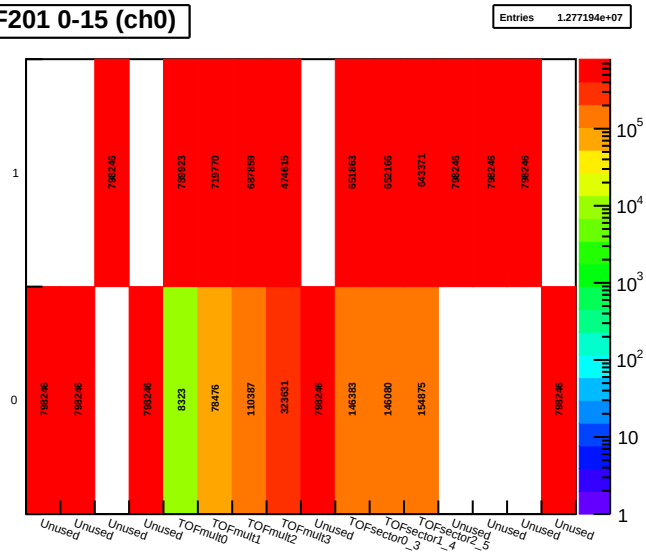

Entries 798246
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}


Entries 798246
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

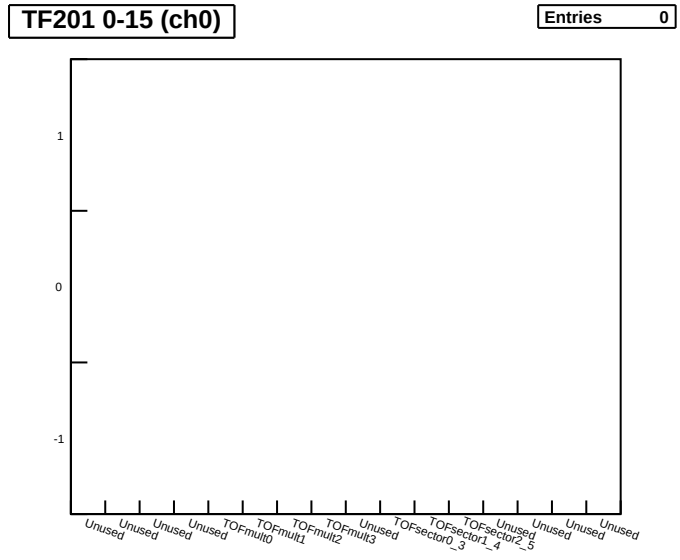

Laser Input Bits
Entries 798246
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.277194e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
798246
798246
798246
798246
798246
798246
798246
798246
798246
798246
798246
798246
798246
798246
798243
798227
3
19
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

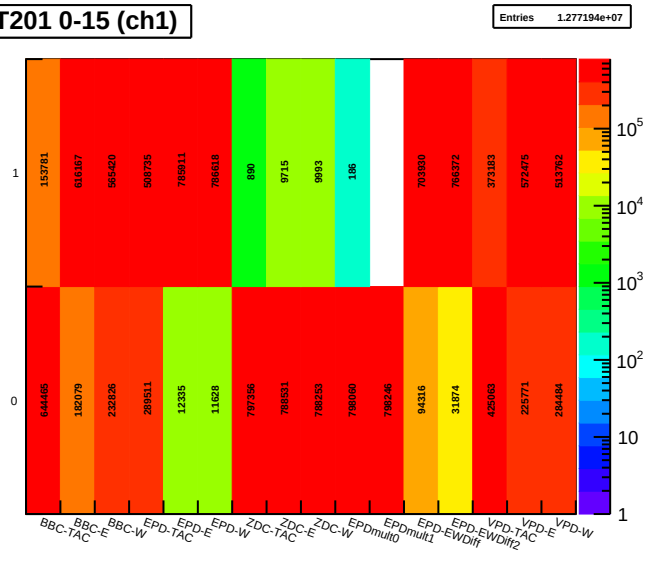
TF201 0-15 (ch0)



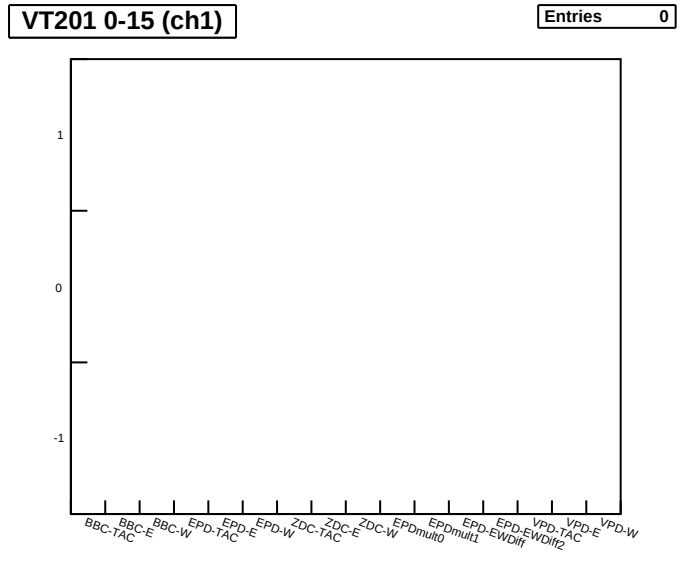
TF201 0-15 (ch0)



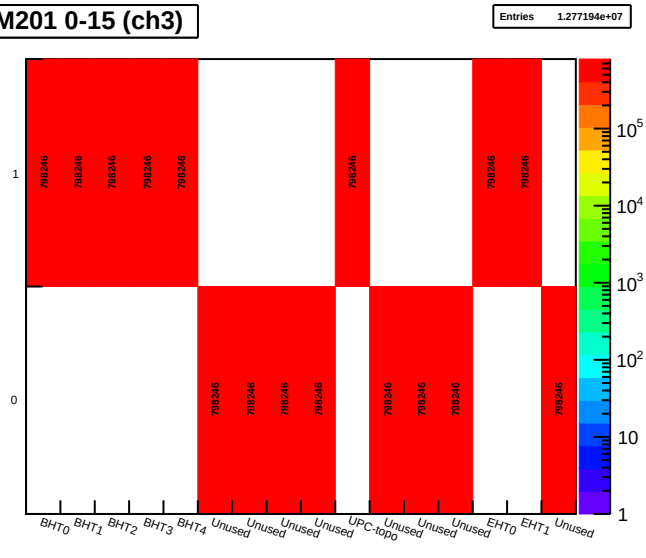
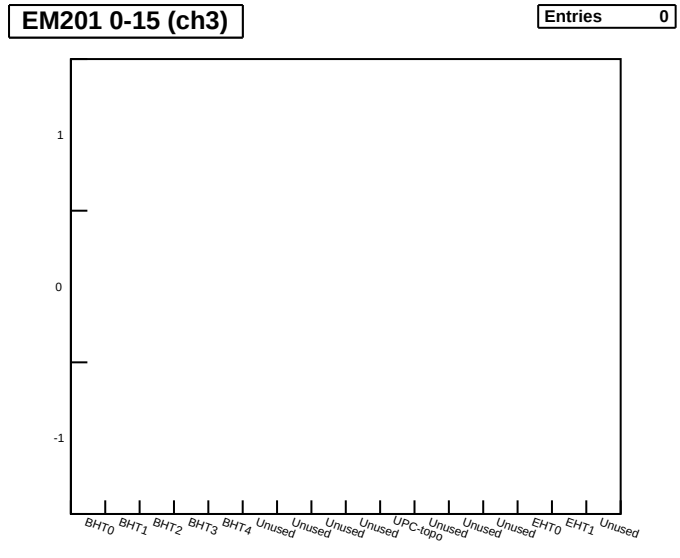
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)