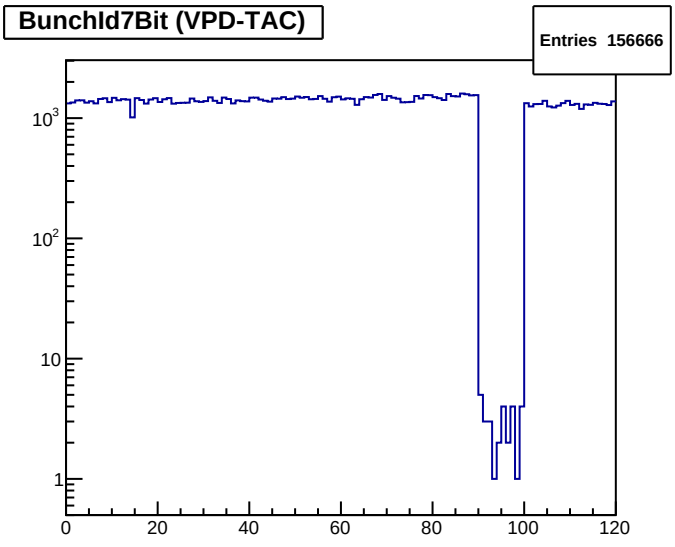
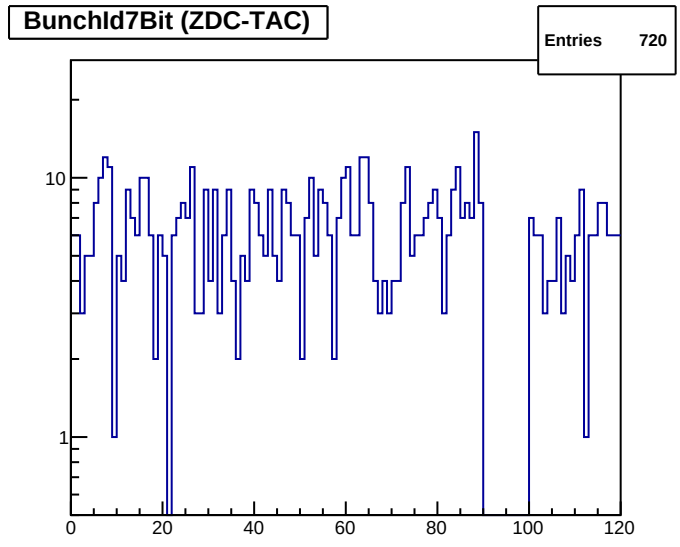
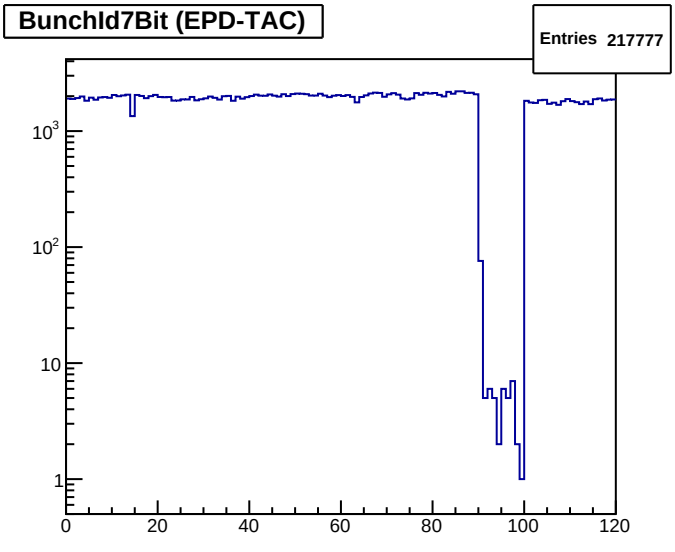
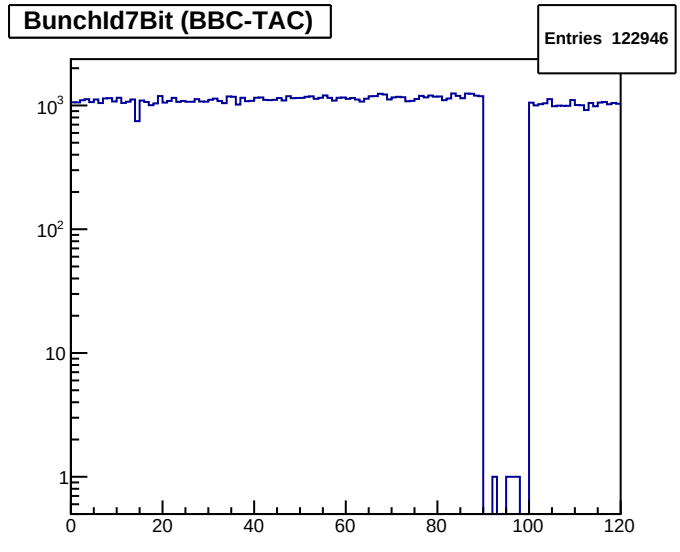
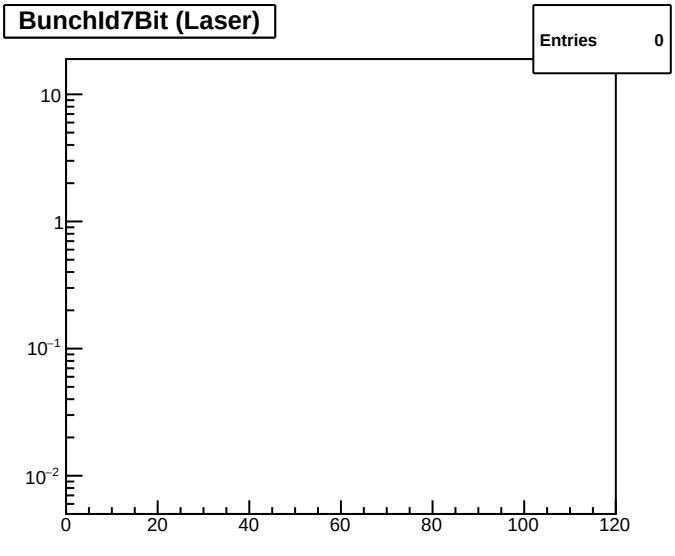
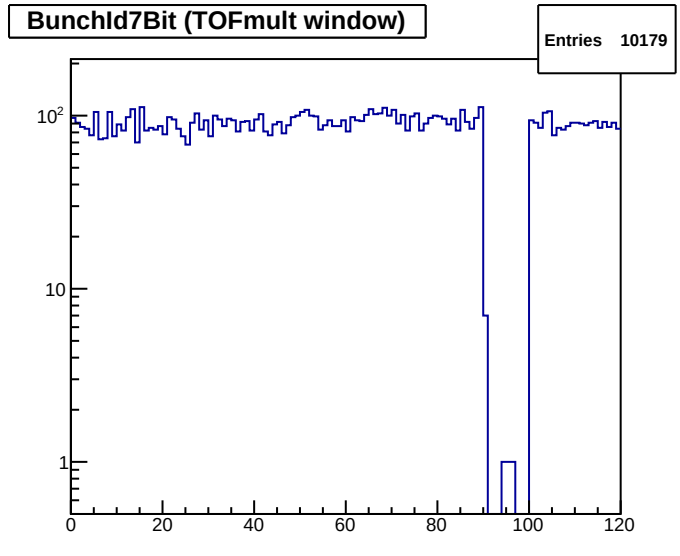

BunchId7Bit (VPD-TAC)
Entries 156666

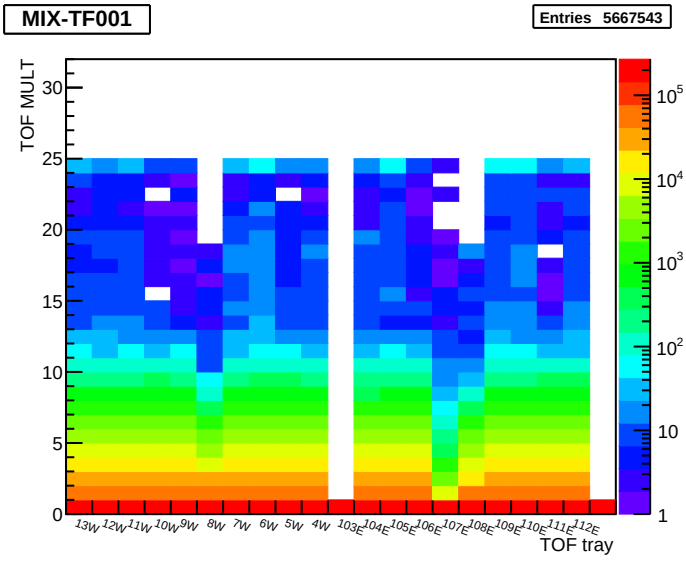

BunchId7Bit (ZDC-TAC)
Entries 720

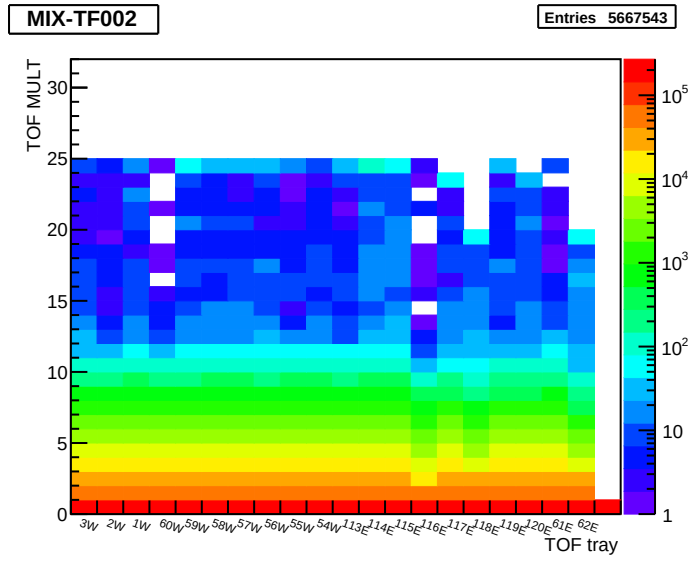

BunchId7Bit (EPD-TAC)
Entries 217777

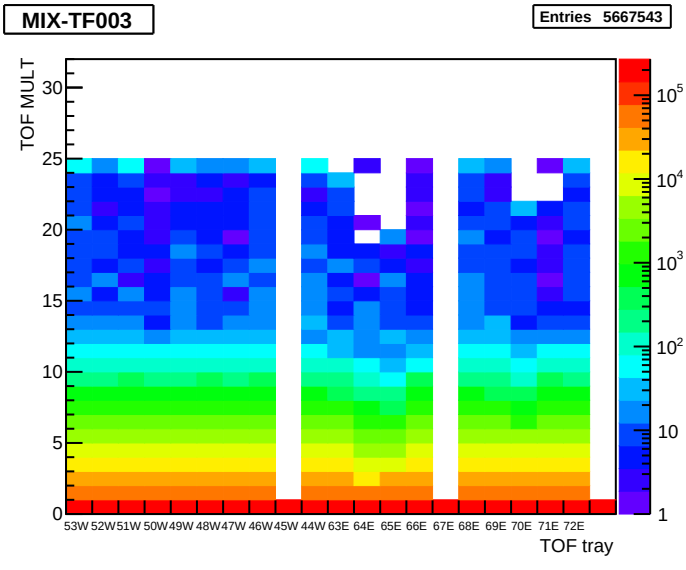

BunchId7Bit (BBC-TAC)
Entries 122946

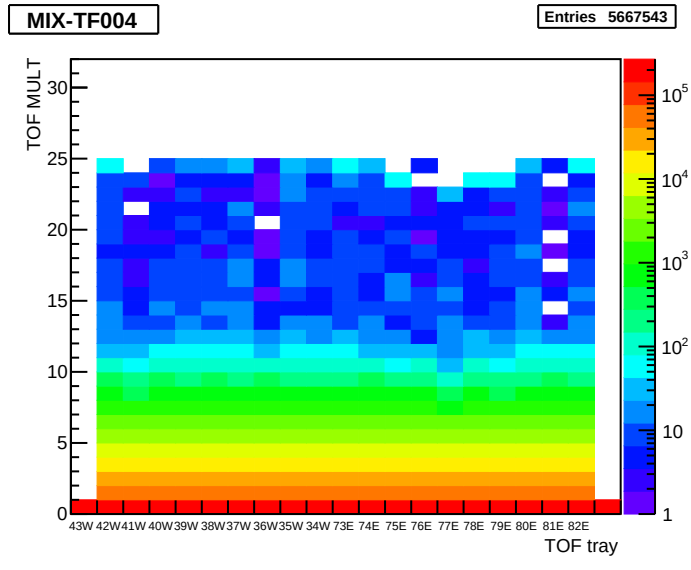

BunchId7Bit (Laser)
Entries 0

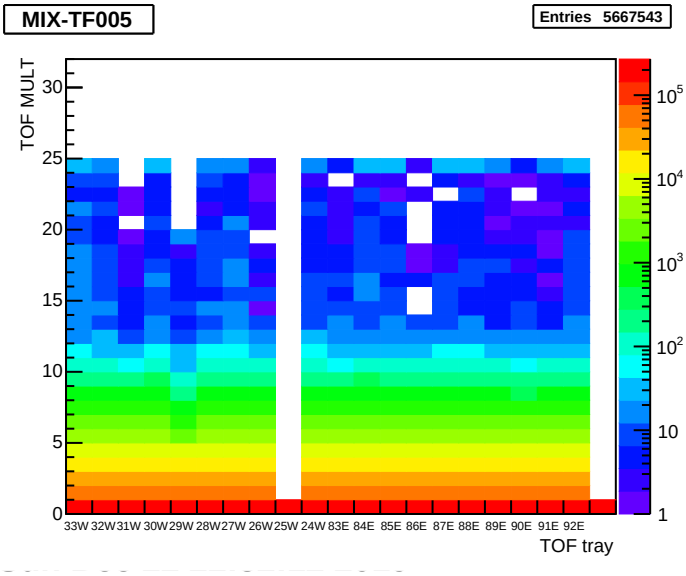

BunchId7Bit (TOFmult window)
Entries 10179

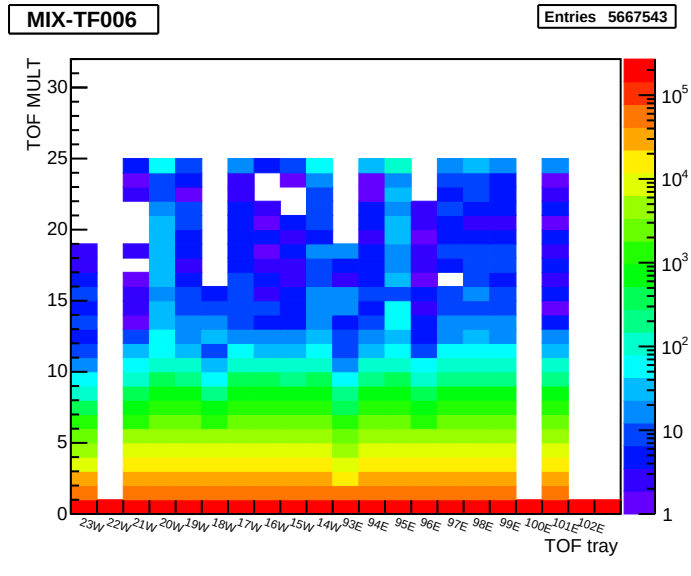

MIX-TF001
Entries 5667543
TOF MULT
TOF tray

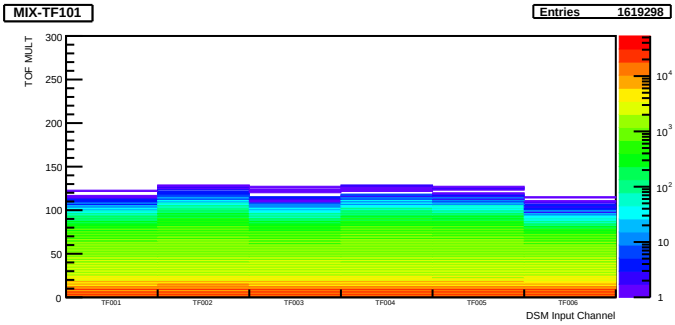

MIX-TF002
Entries 5667543
TOF MULT
TOF tray

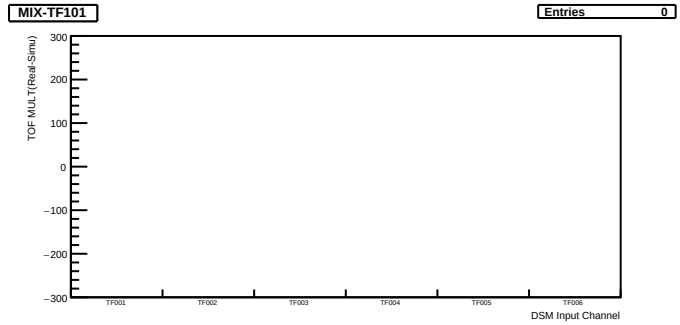

MIX-TF003
Entries 5667543
TOF MULT
TOF tray

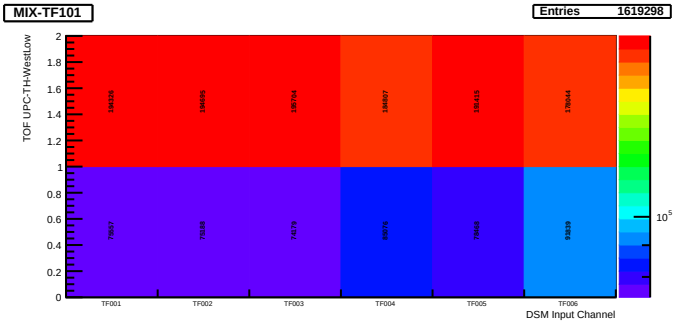

MIX-TF004
Entries 5667543
TOF MULT
TOF tray

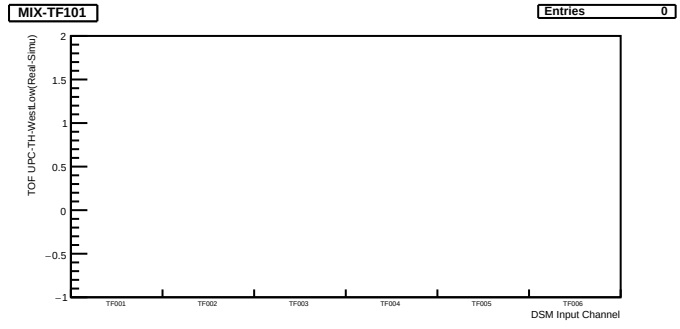

MIX-TF005
Entries 5667543
TOF MULT
TOF tray

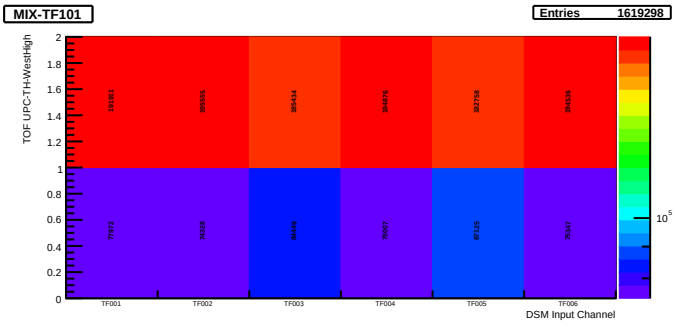

MIX-TF006
Entries 5667543
TOF MULT
TOF tray

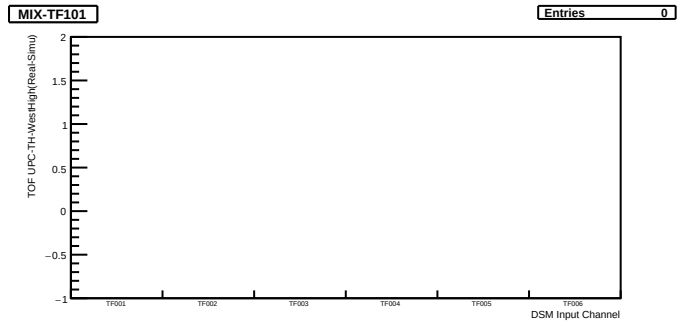

MIX-TF101
Entries 1619298
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

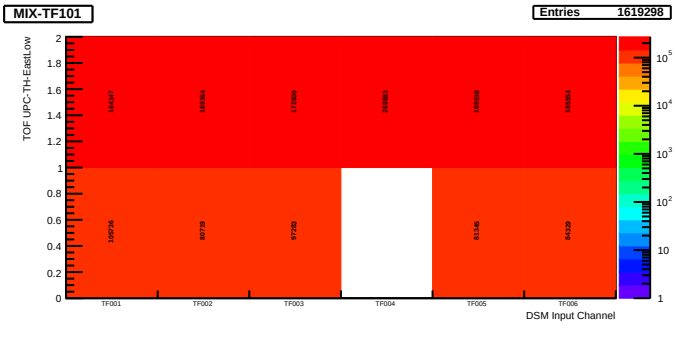

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

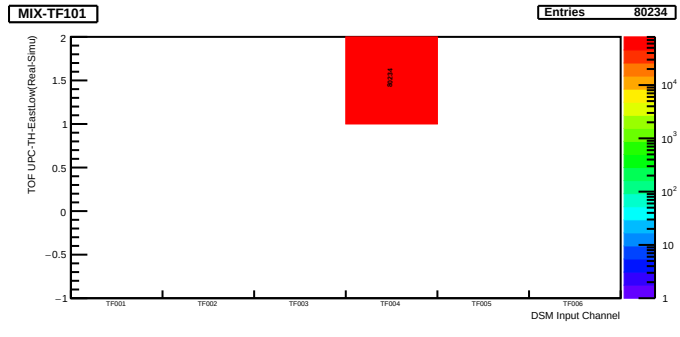

MIX-TF101
Entries 1619298
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

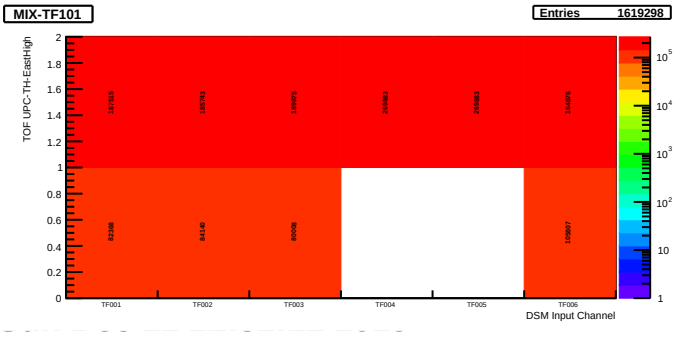

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

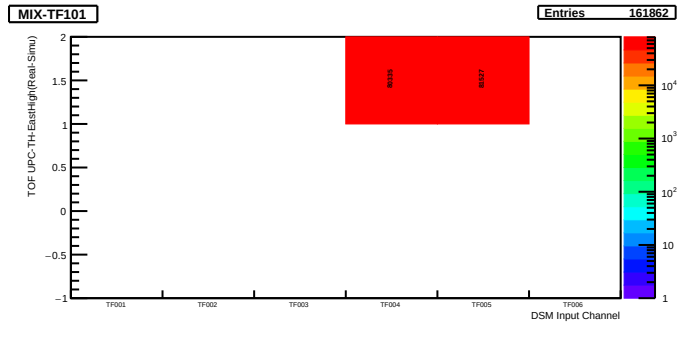

MIX-TF101
Entries 1619298
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

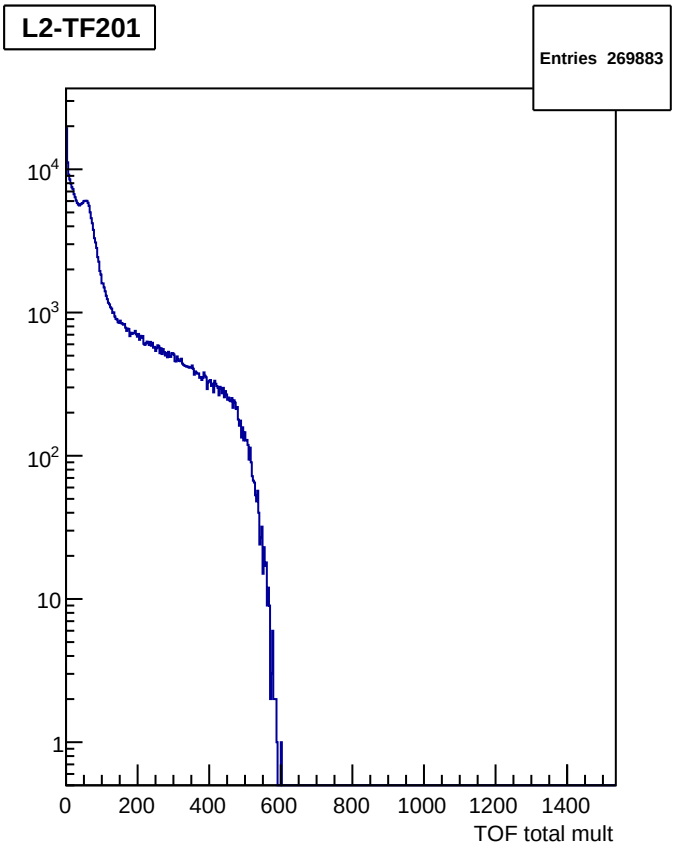

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

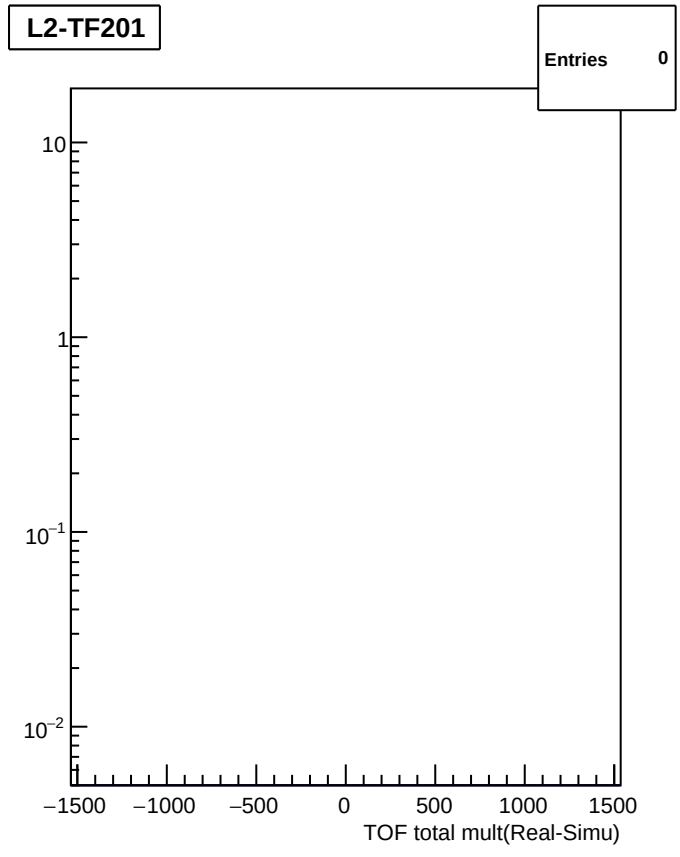

MIX-TF101
Entries 1619298
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

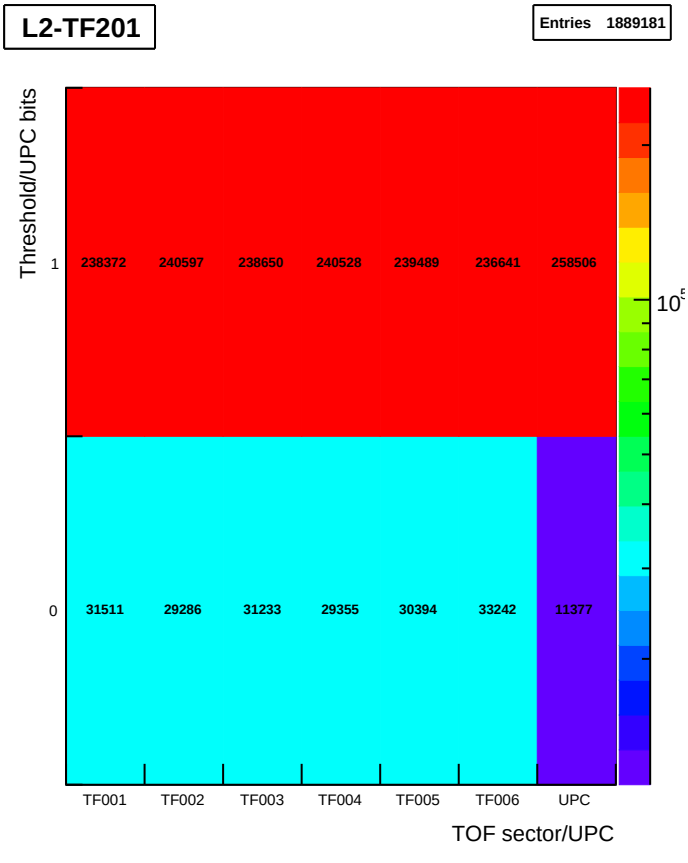

MIX-TF101
Entries 80234
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

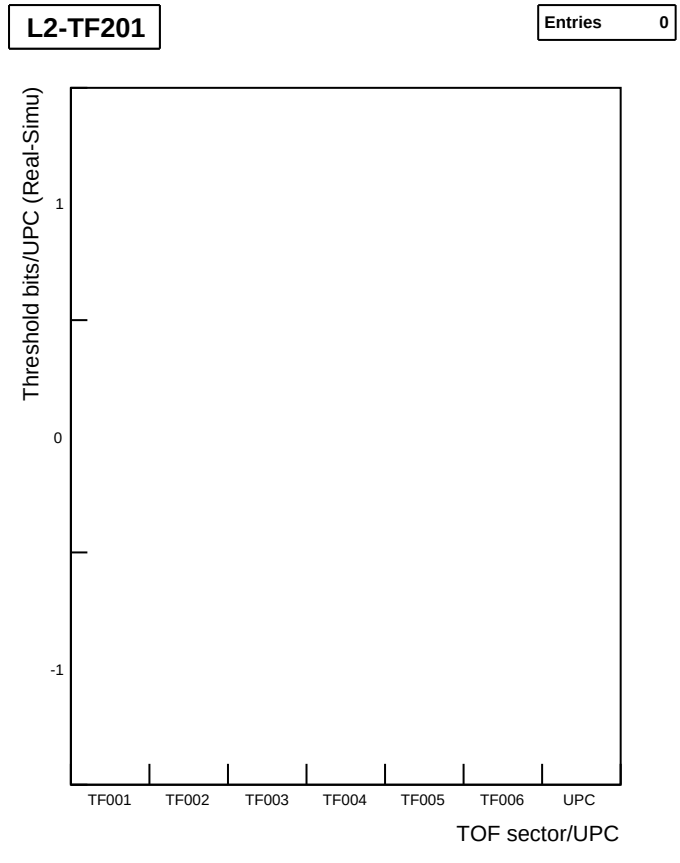

MIX-TF101
Entries 1619298
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

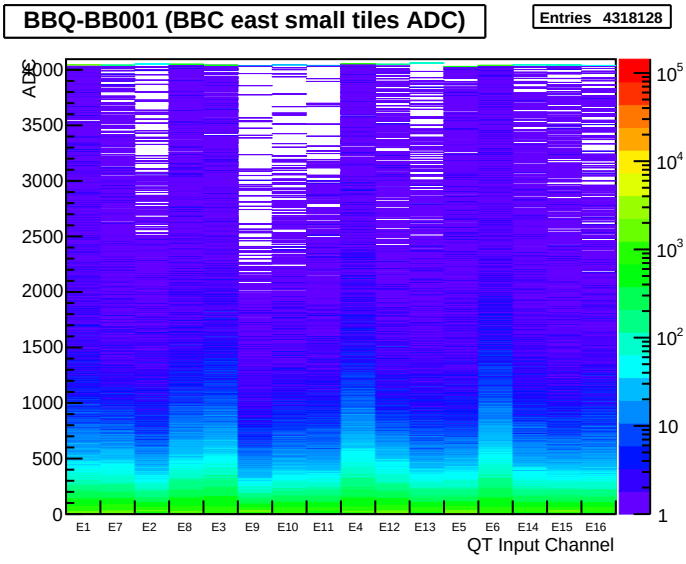

MIX-TF101
Entries 161862
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

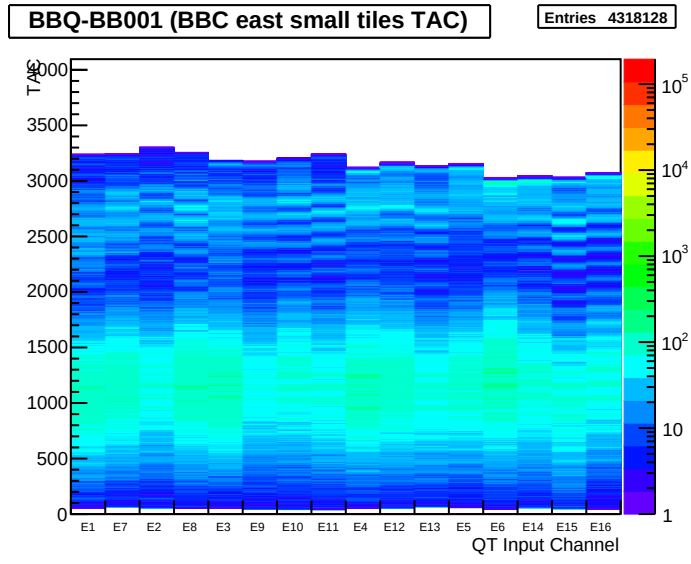

L2-TF201
Entries 269883
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

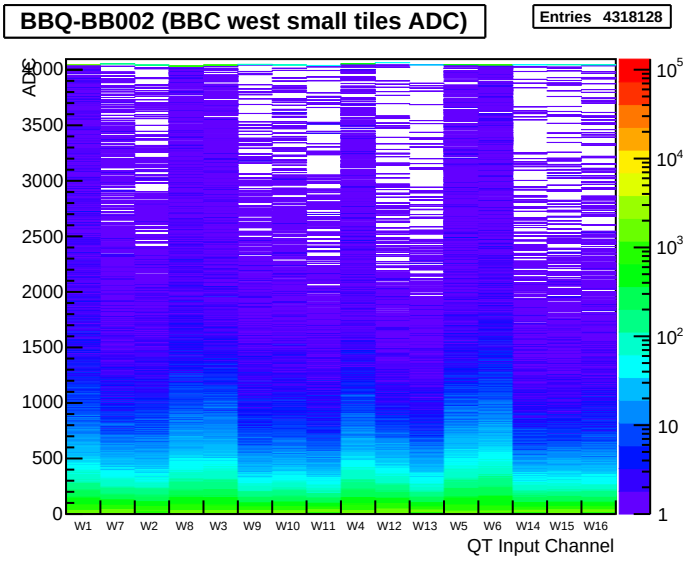

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

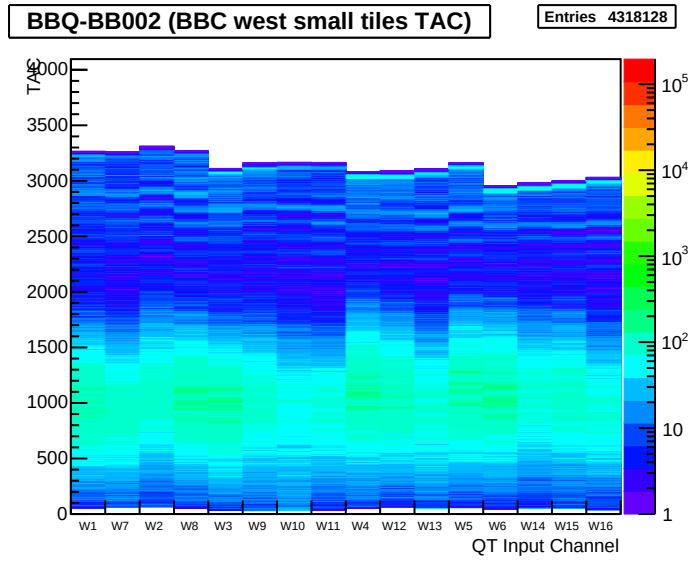

L2-TF201
Entries 1889181
Threshold/UPC bits
1
0
238372
240597
238650
240528
239489
236641
258506
31511
29286
31233
29355
30394
33242
11377
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

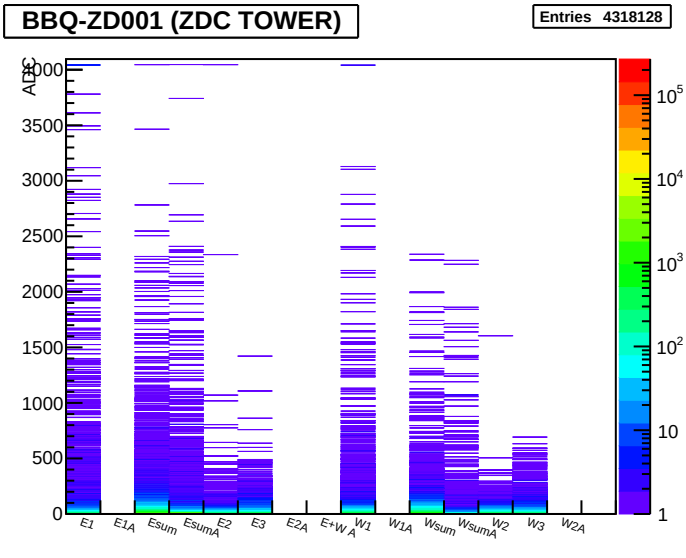

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

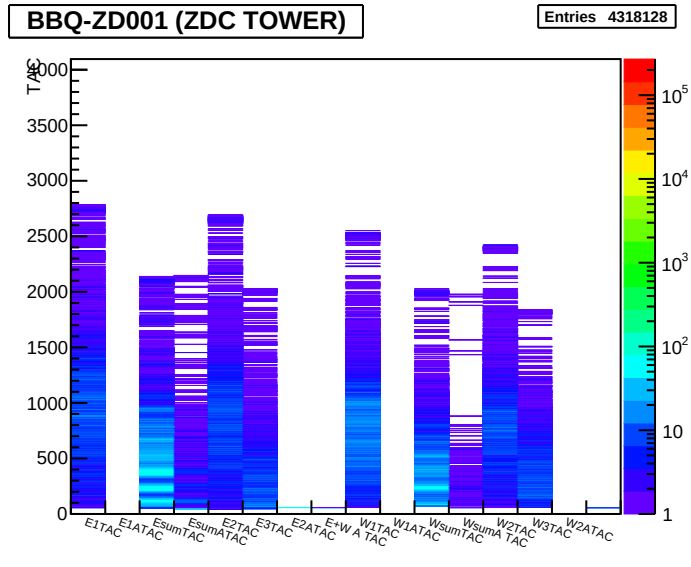

BBQ-BB001 (BBC east small tiles ADC)
Entries 4318128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

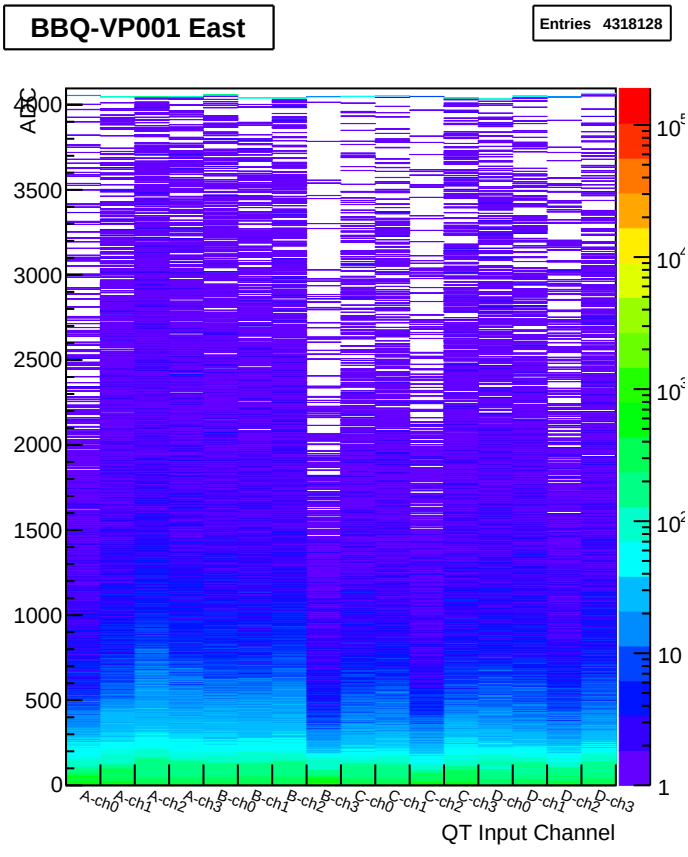

BBQ-BB001 (BBC east small tiles TAC)
Entries 4318128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

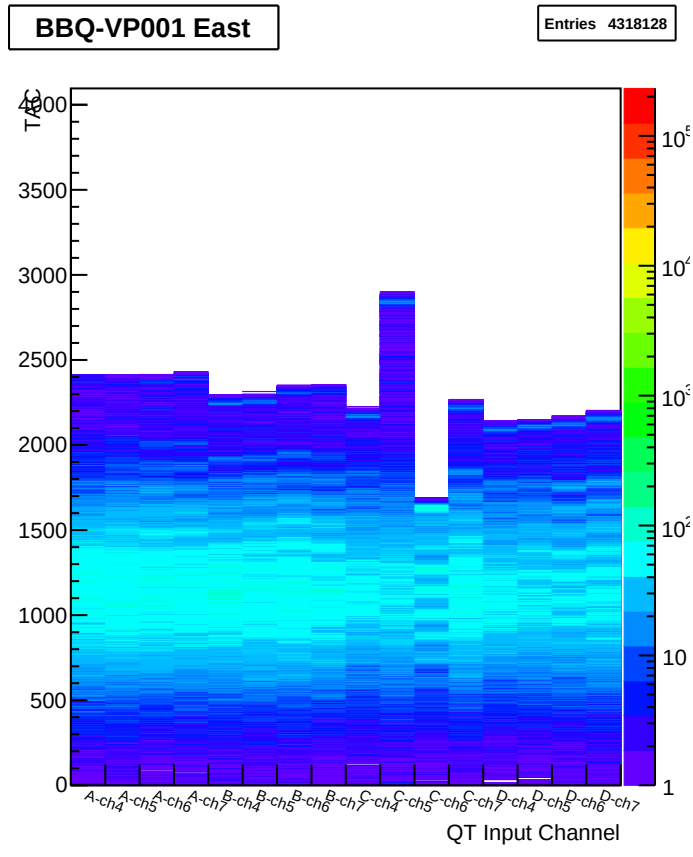

BBQ-BB002 (BBC west small tiles ADC)
Entries 4318128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

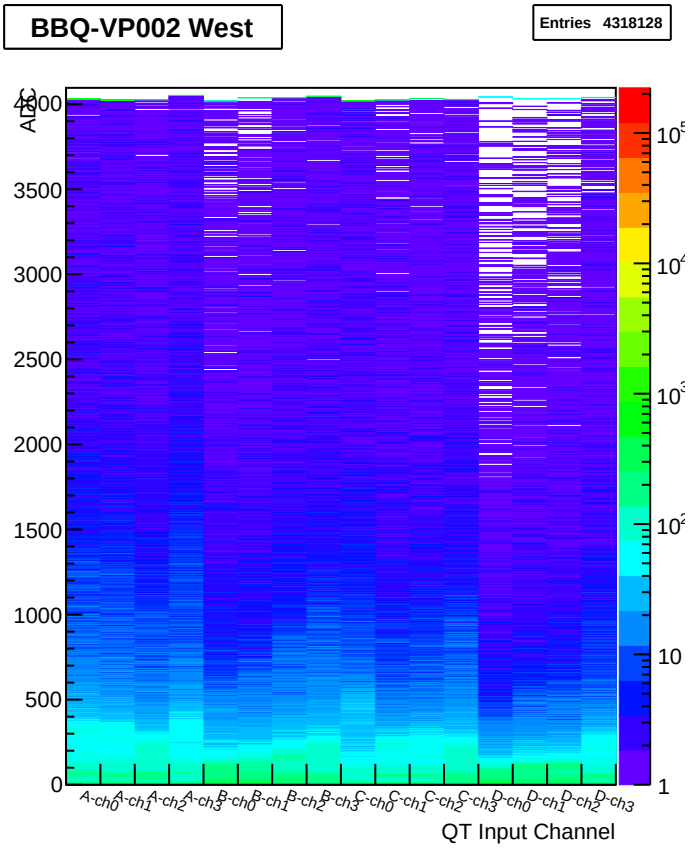

BBQ-BB002 (BBC west small tiles TAC)
Entries 4318128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

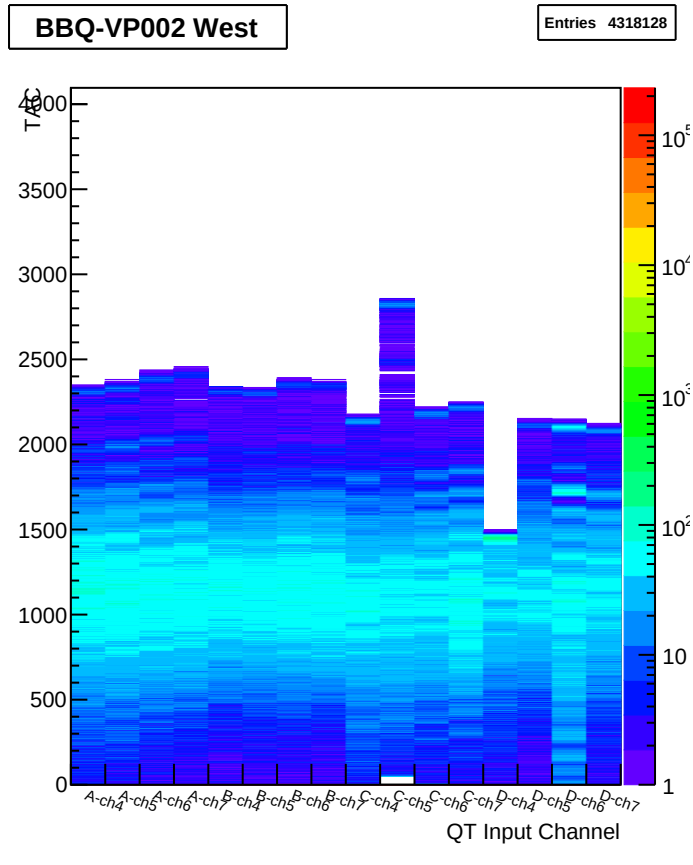

BBQ-ZD001 (ZDC TOWER)
Entries 4318128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

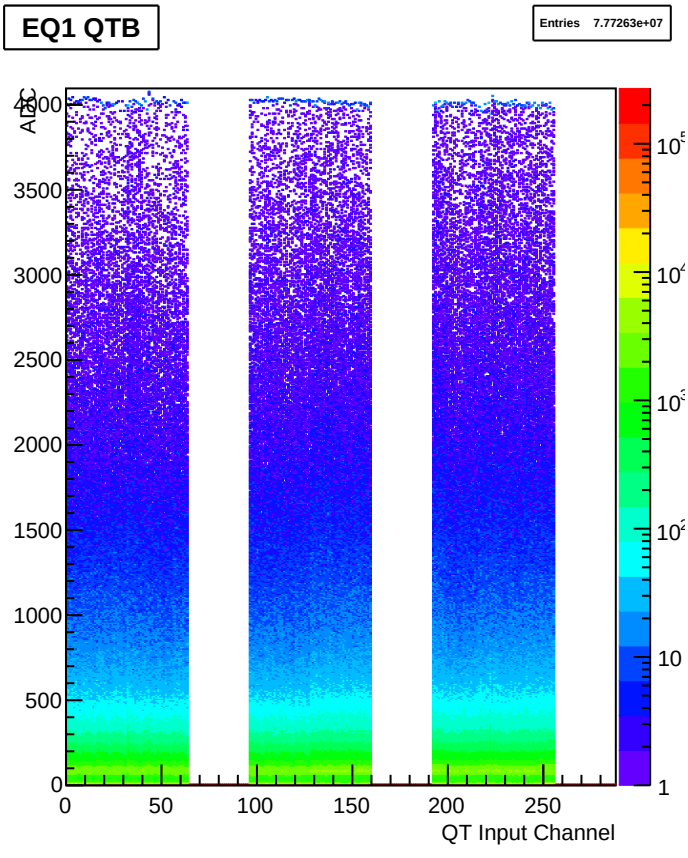

BBQ-ZD001 (ZDC TOWER)
Entries 4318128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

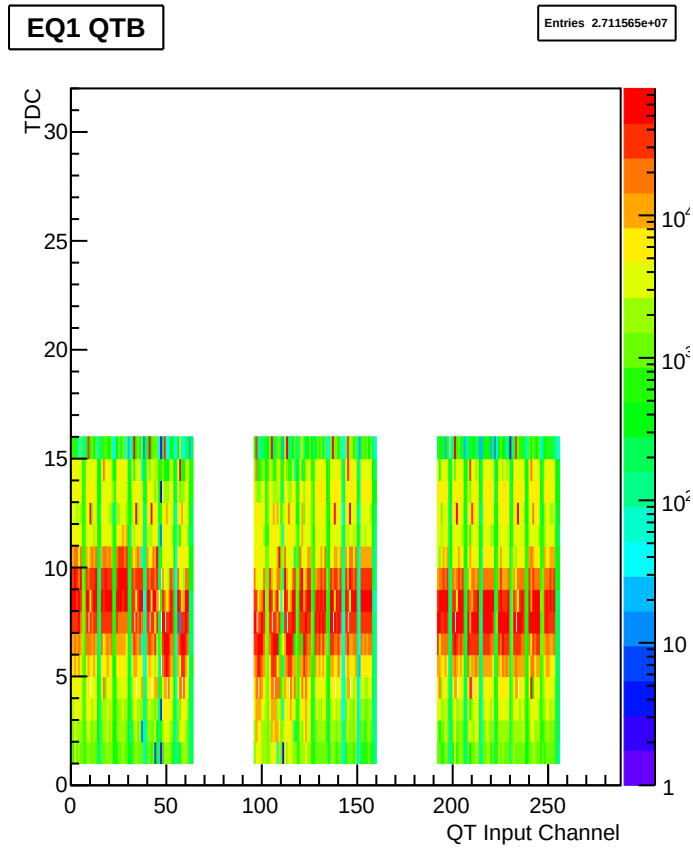

BBQ-VP001 East
Entries 4318128
ADC
QT Input Channel

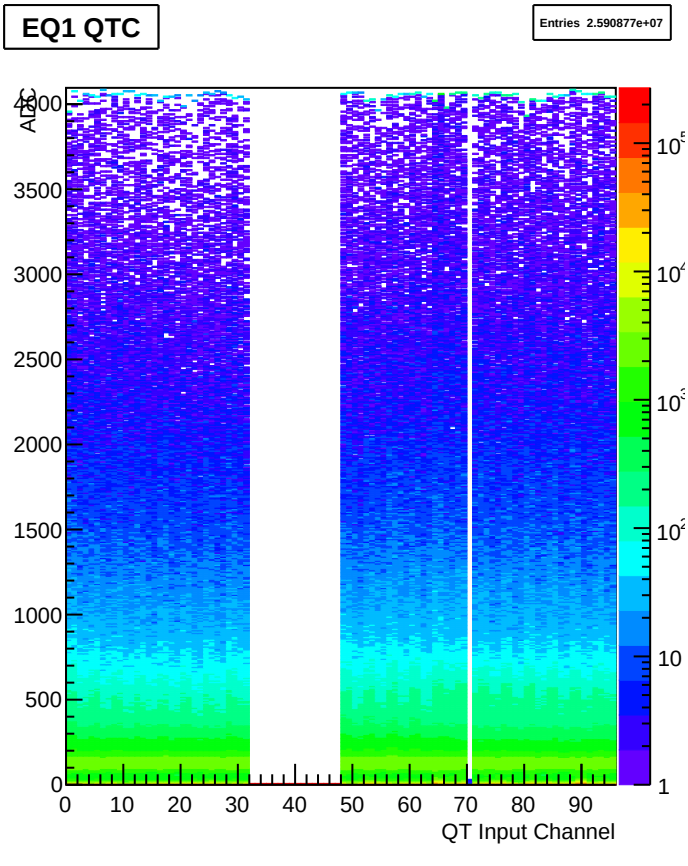

BBQ-VP001 East
Entries 4318128
ADC
QT Input Channel

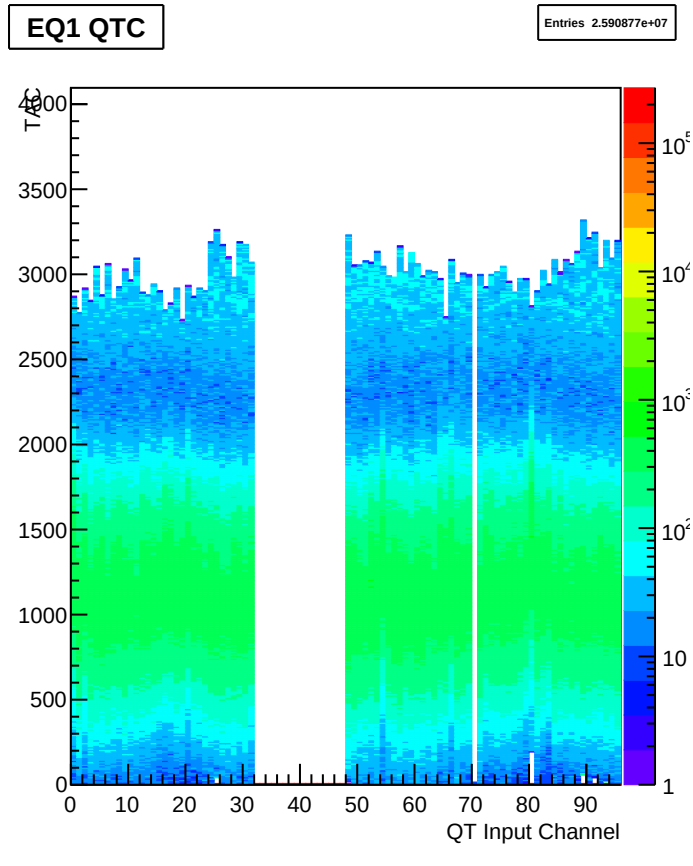

BBQ-VP002 West
Entries 4318128
ADC
QT Input Channel

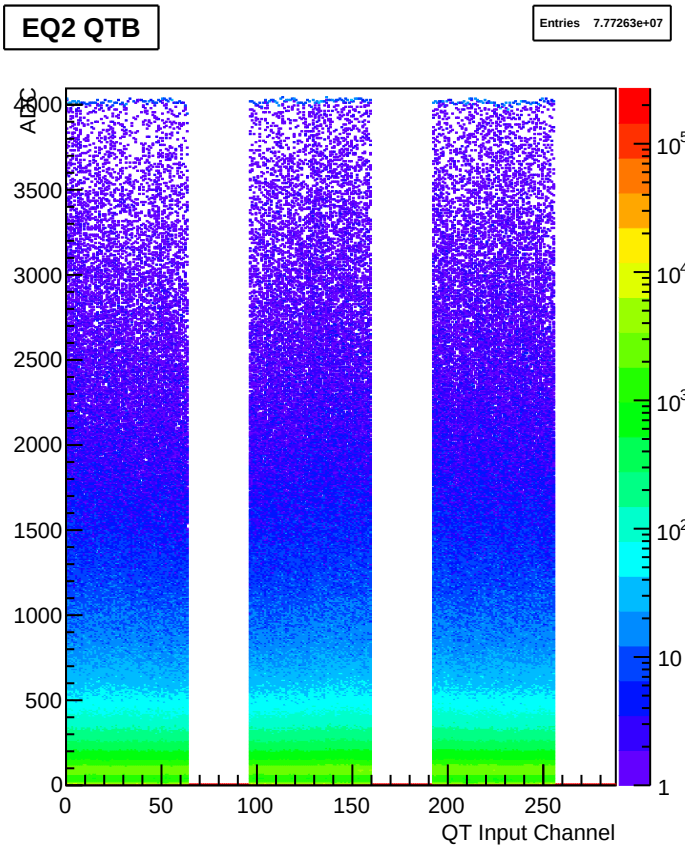

BBQ-VP002 West
Entries 4318128
ADC
QT Input Channel

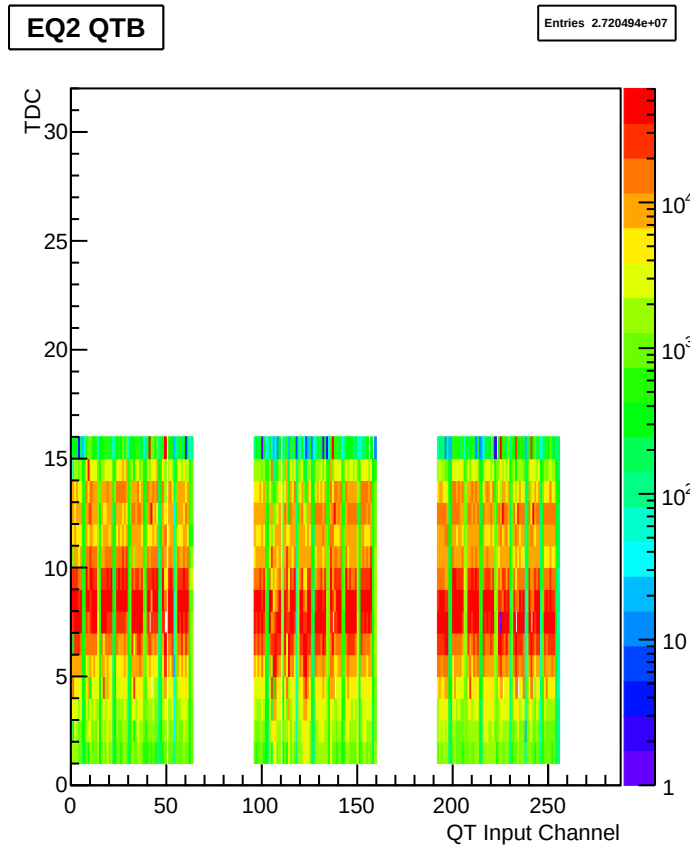

EQ1 QTB
Entries 7.77263e+07
ADC
QT Input Channel

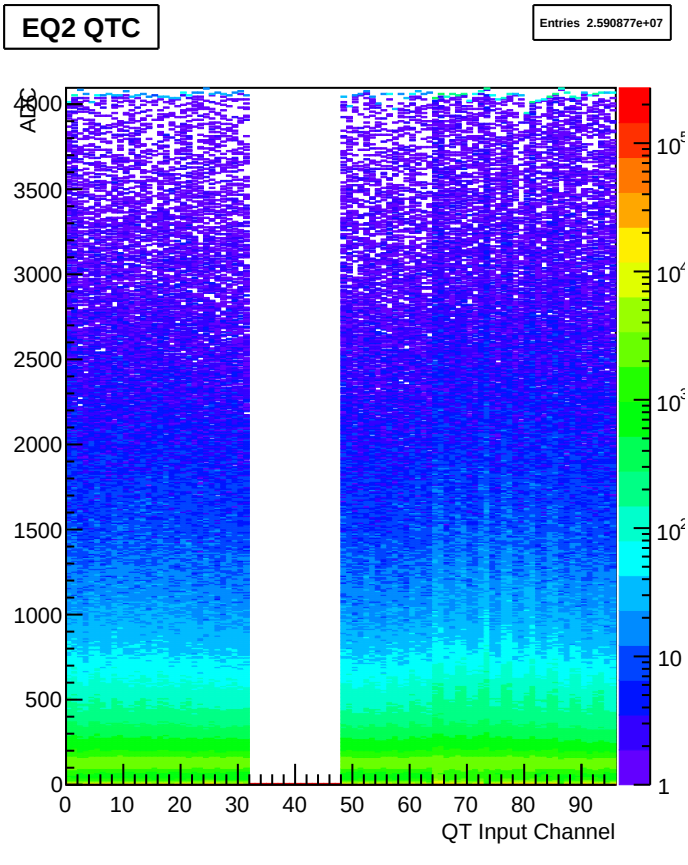

EQ1 QTB
Entries 2.711565e+07
TDC
QT Input Channel

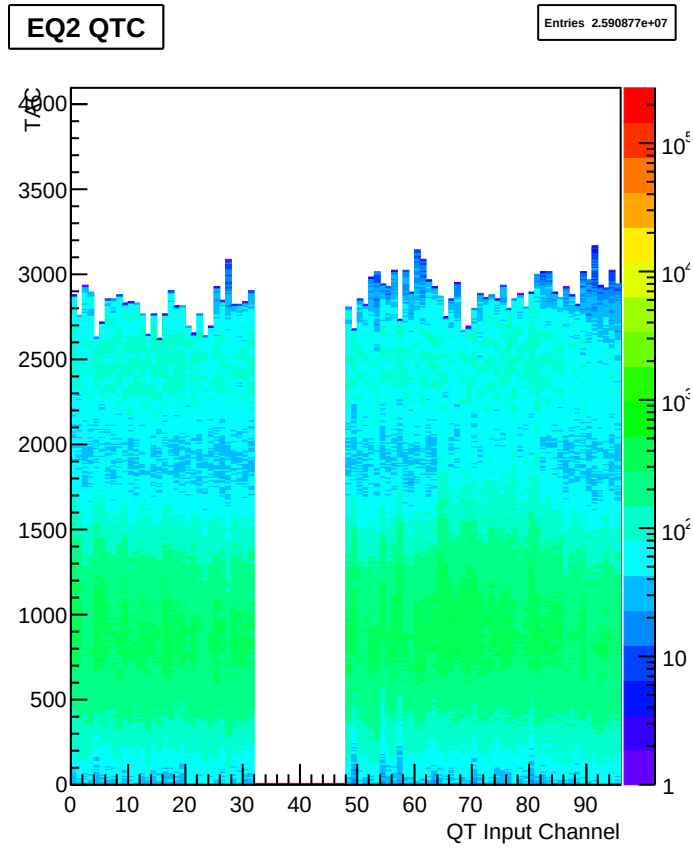

EQ1 QTC
Entries 2.590877e+07
ADC
QT Input Channel

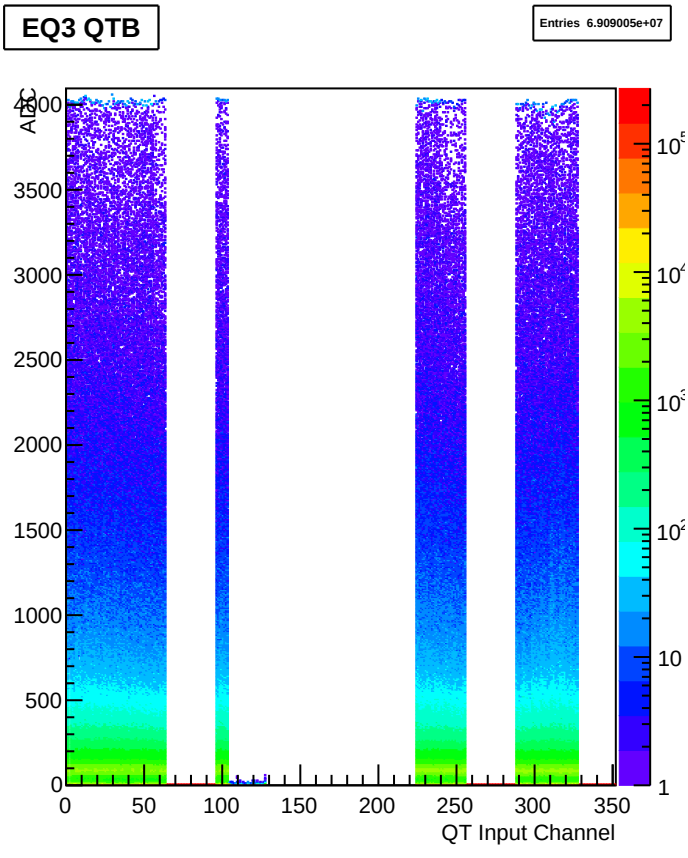

EQ1 QTC
Entries 2.590877e+07
TADC
QT Input Channel

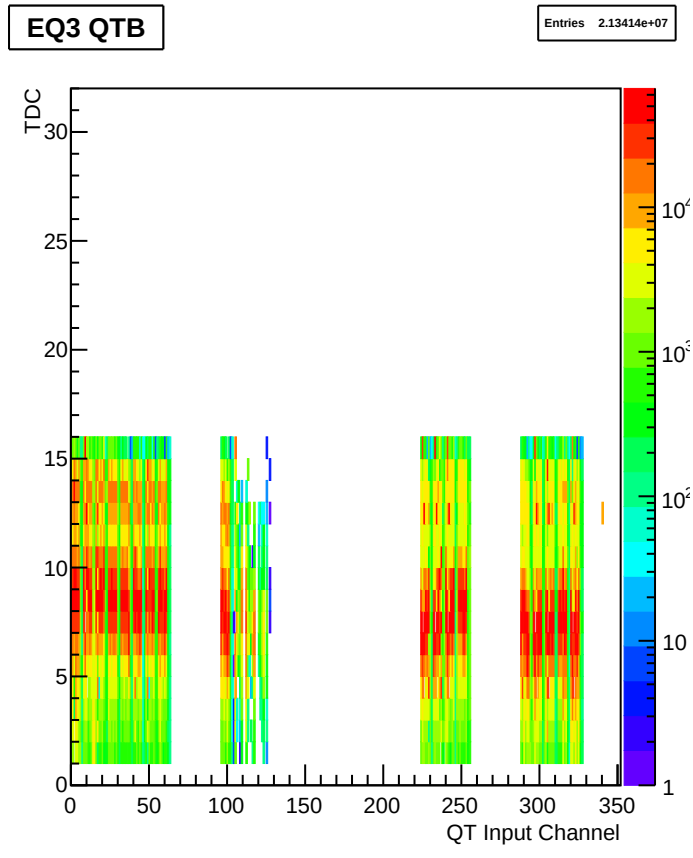

EQ2 QTB
Entries 7.77263e+07
ADC
QT Input Channel

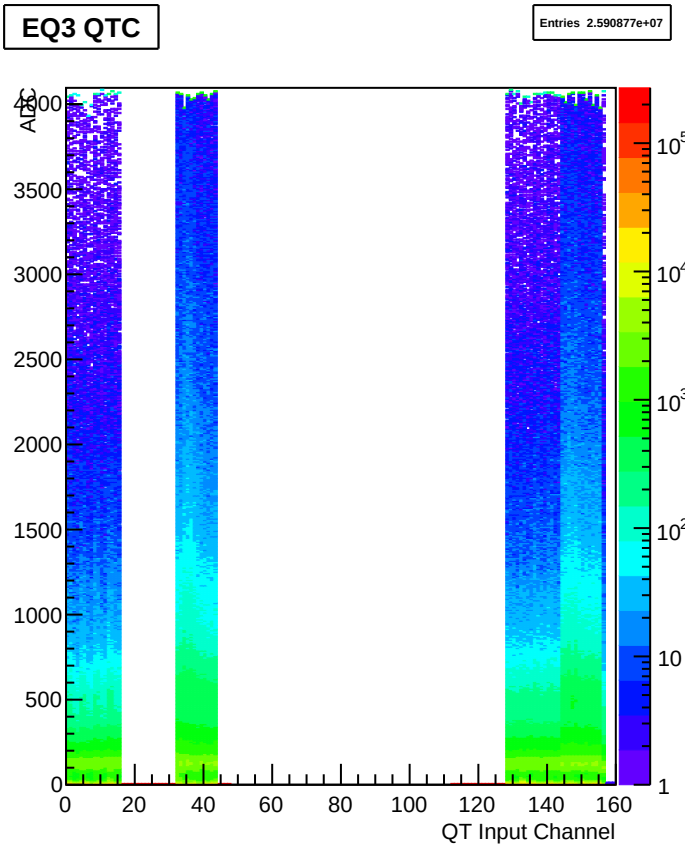

EQ2 QTB
Entries 2.720494e+07
TDC
QT Input Channel

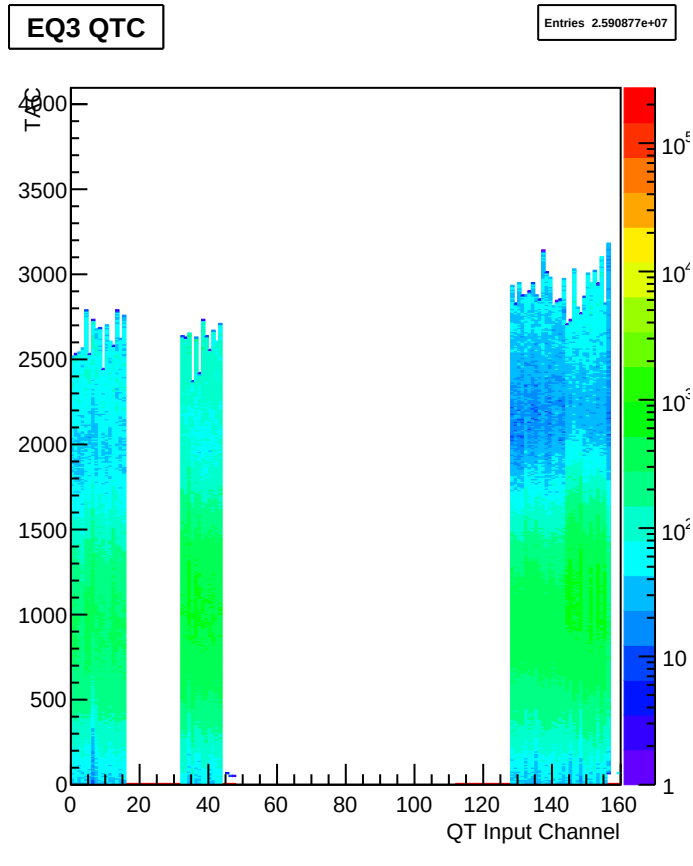

EQ2 QTC
Entries 2.590877e+07
ADC
QT Input Channel

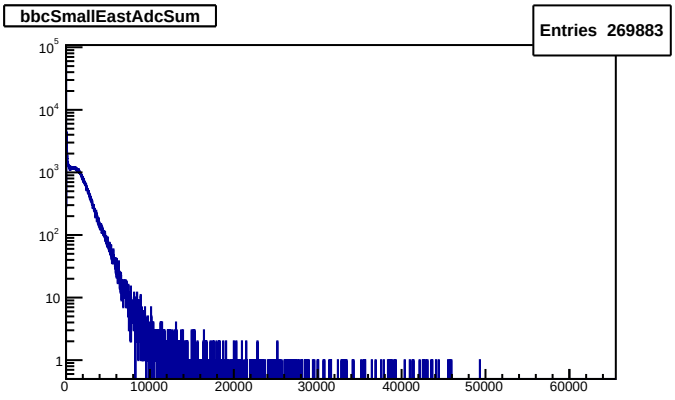

EQ2 QTC
Entries 2.590877e+07
TADC
QT Input Channel

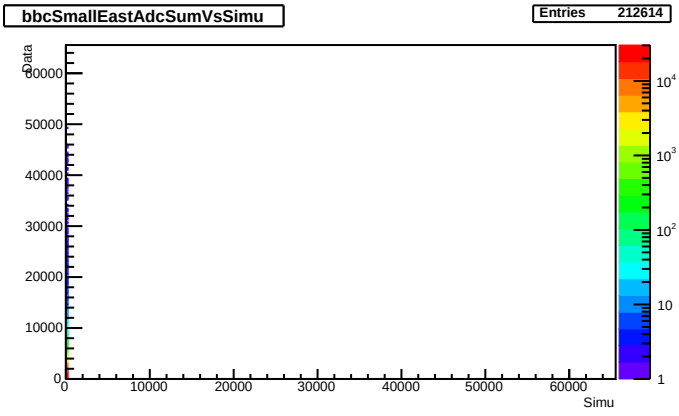

EQ3 QTB
Entries 6.909005e+07
ADC
QT Input Channel

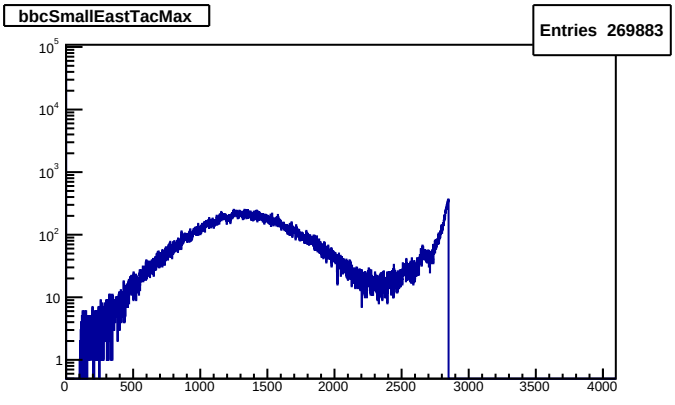

EQ3 QTB
Entries 2.13414e+07
TDC
QT Input Channel

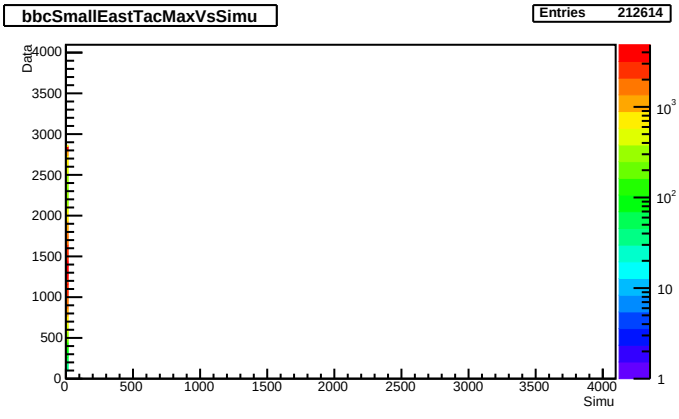

EQ3 QTC
Entries 2.590877e+07
ADC
QT Input Channel

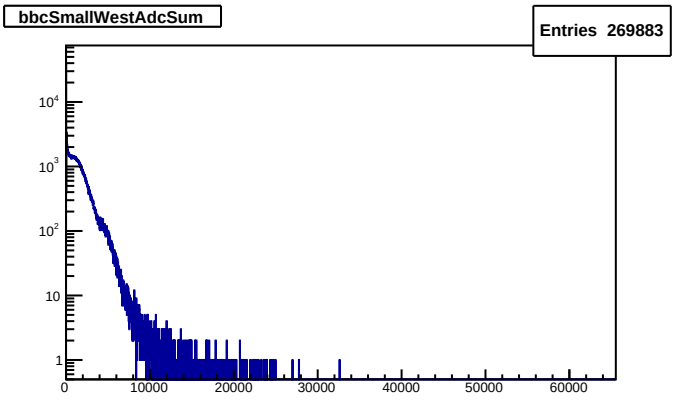

EQ3 QTC
Entries 2.590877e+07
TADC
QT Input Channel

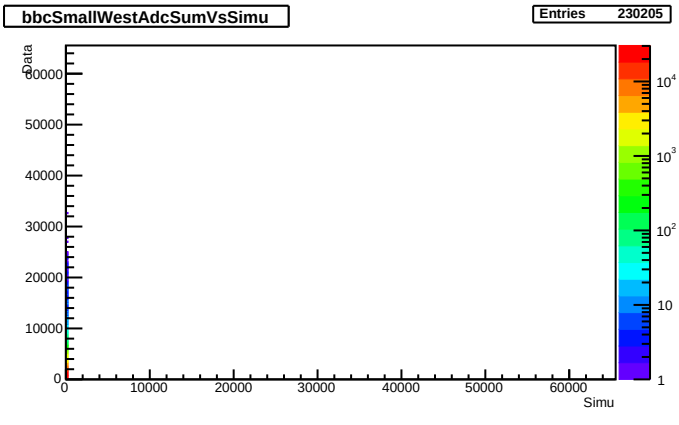

bbcSmallEastAdcSum
Entries 269883


bbcSmallEastAdcSumVsSimu
Entries 212614
Data
Simu


bbcSmallEastTacMax
Entries 269883


bbcSmallEastTacMaxVsSimu
Entries 212614
Data
Simu


bbcSmallWestAdcSum
Entries 269883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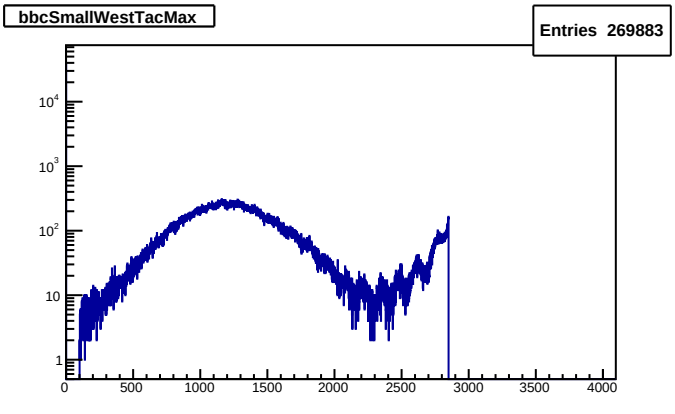
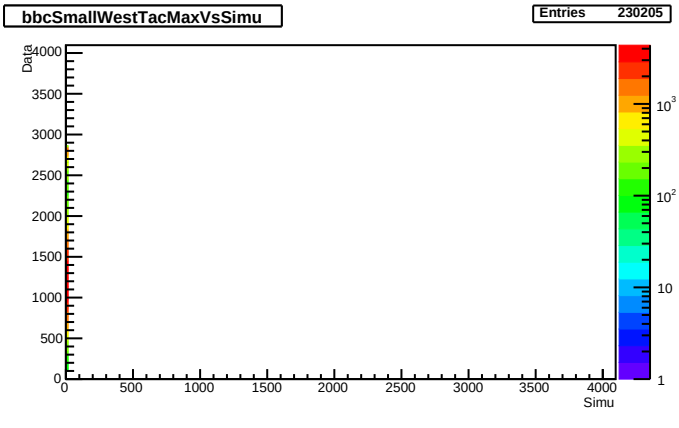
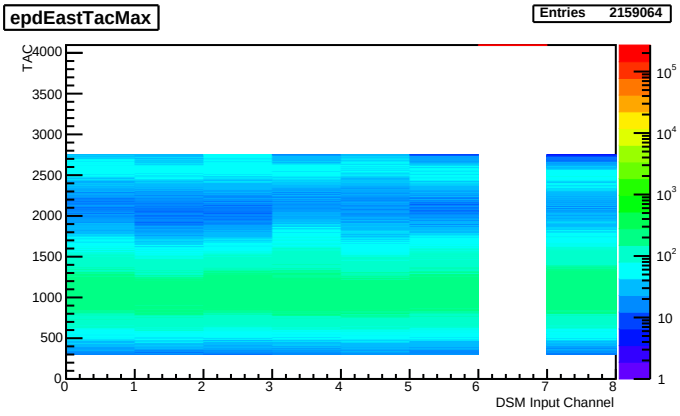
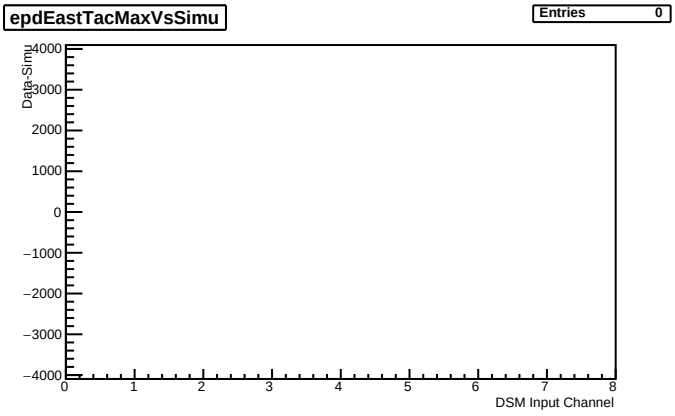
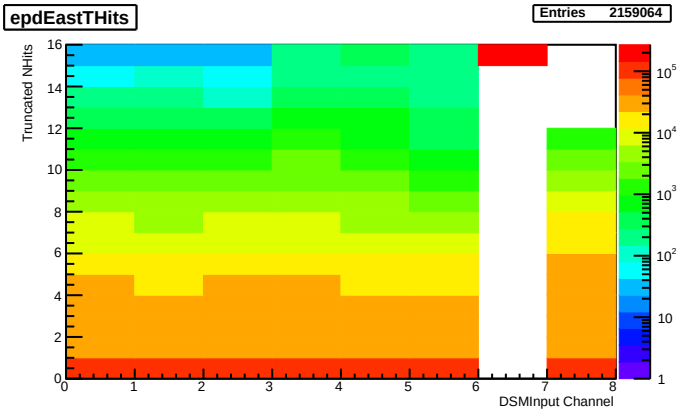
Entries 230205
Data
Simu

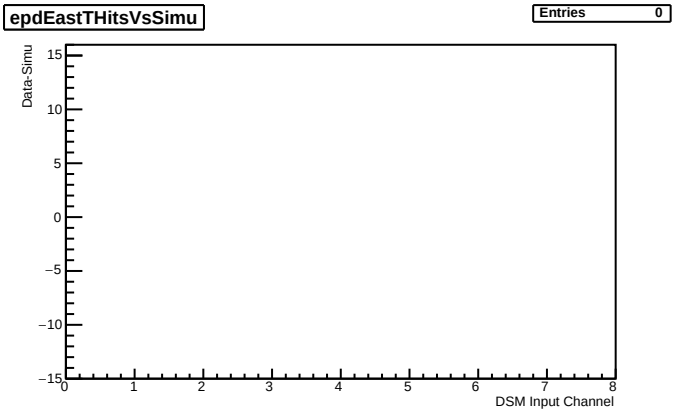

bbcSmallWestTacMax
Entries 269883


bbcSmallWestTacMaxVsSimu
Entries 230205
Data
Simu


epdEastTacMax
Entries 2159064
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2159064
Truncated NHits
DSMInput Channel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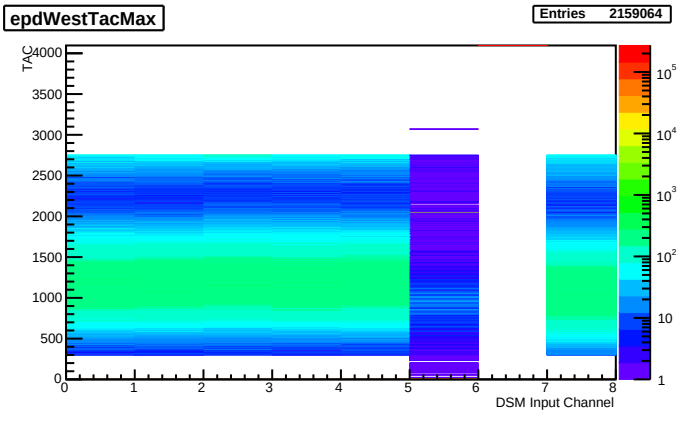
Data-Simu
DSM Input Channel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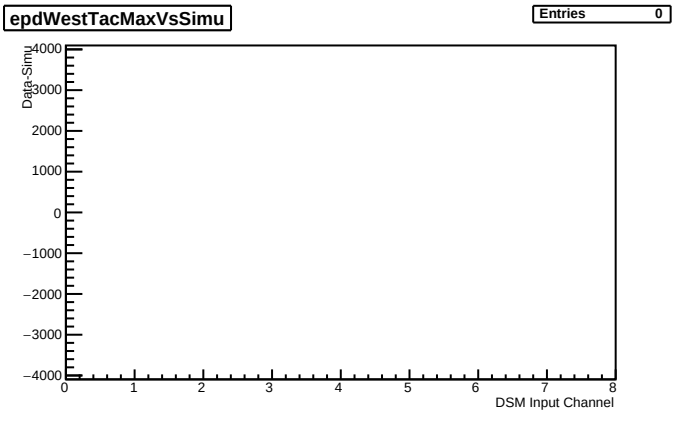
Entries 2159064
TAC
DSM Input Channel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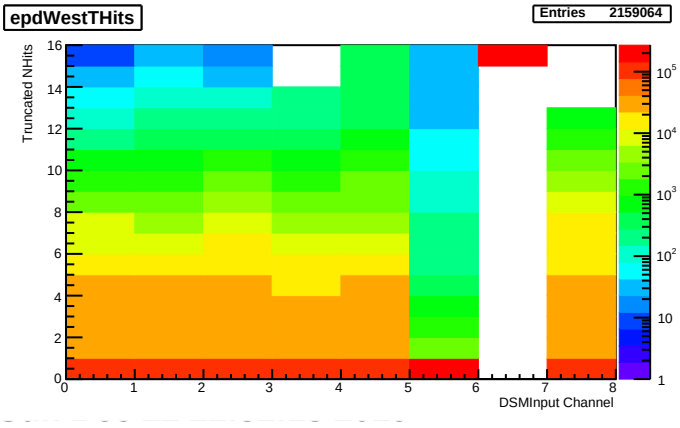
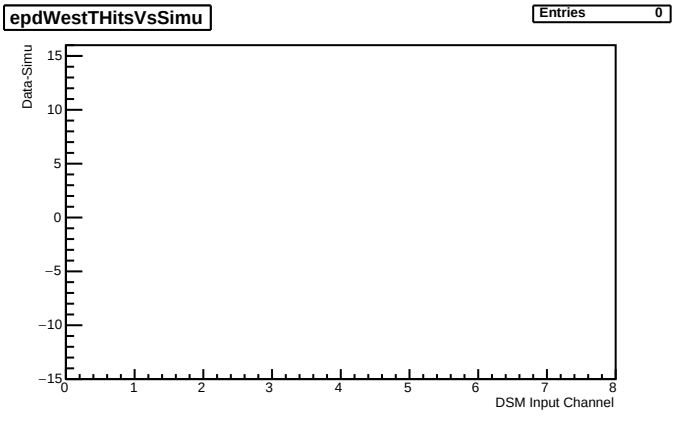
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2159064
Truncated NHits
DSMInput Channel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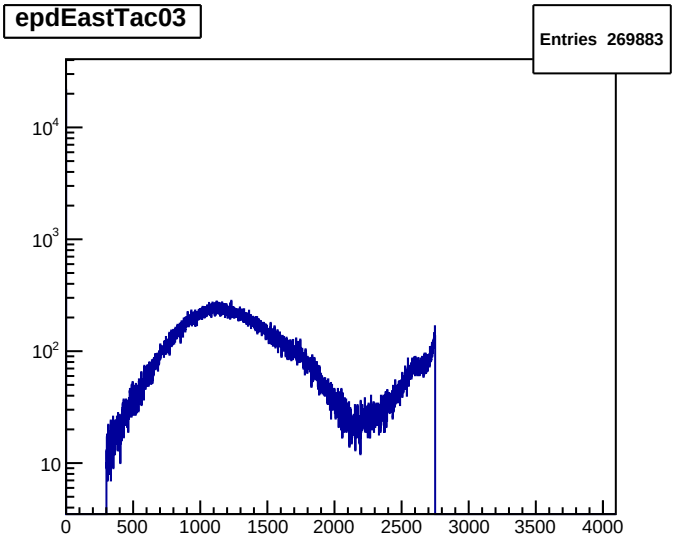
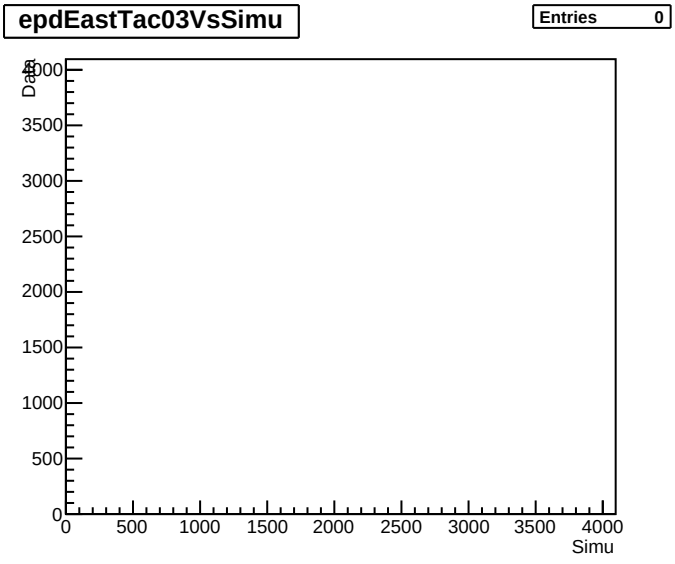
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 269883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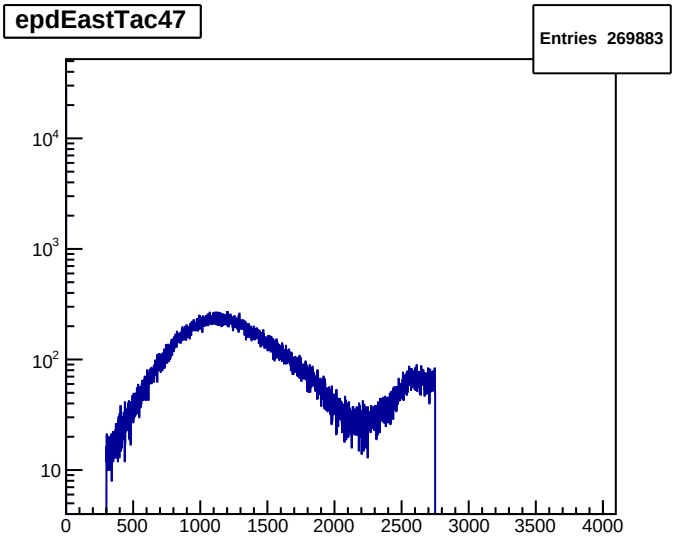
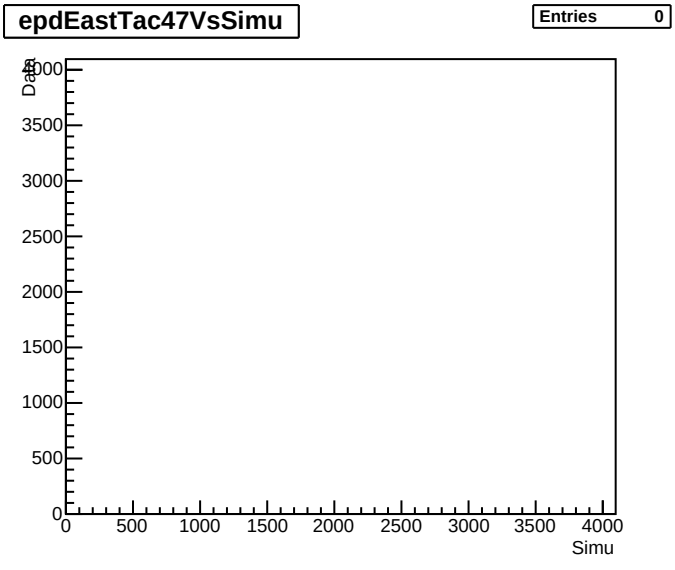
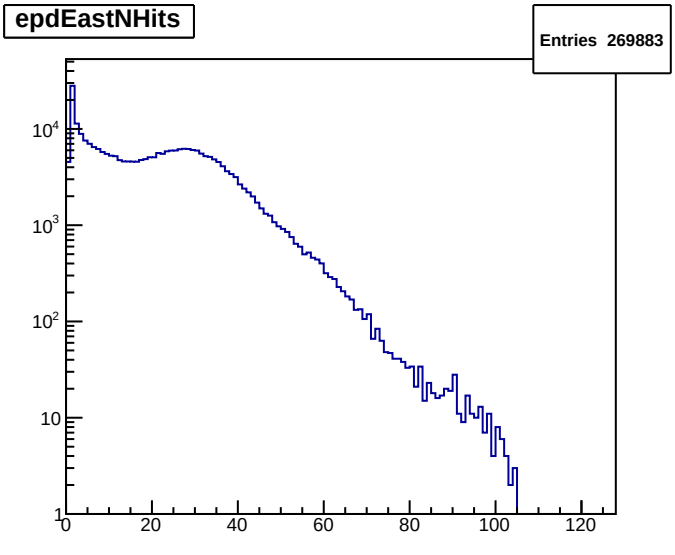
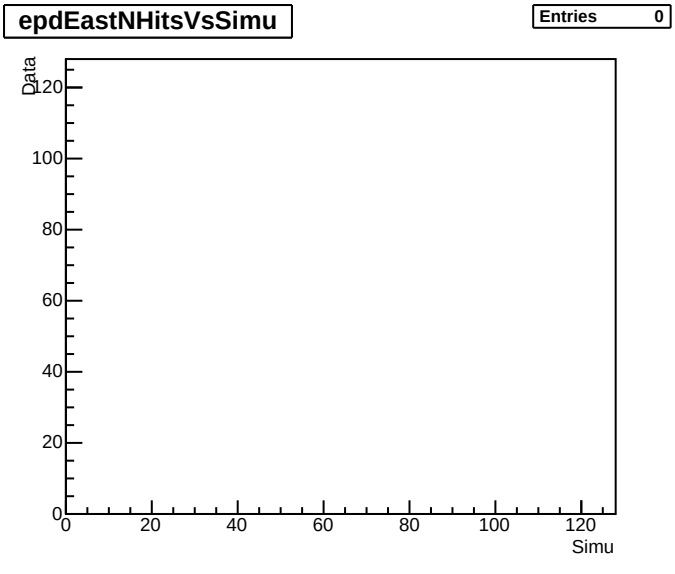
Entries 0
Data
Simu


epdEastTac47
Entries 269883


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 269883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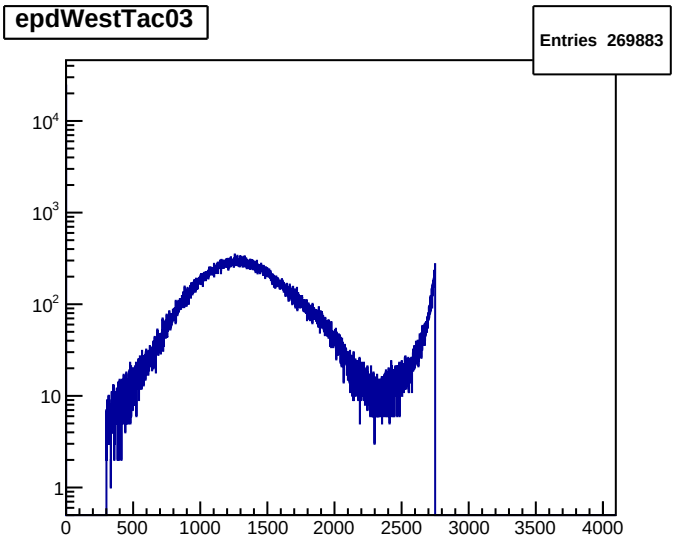
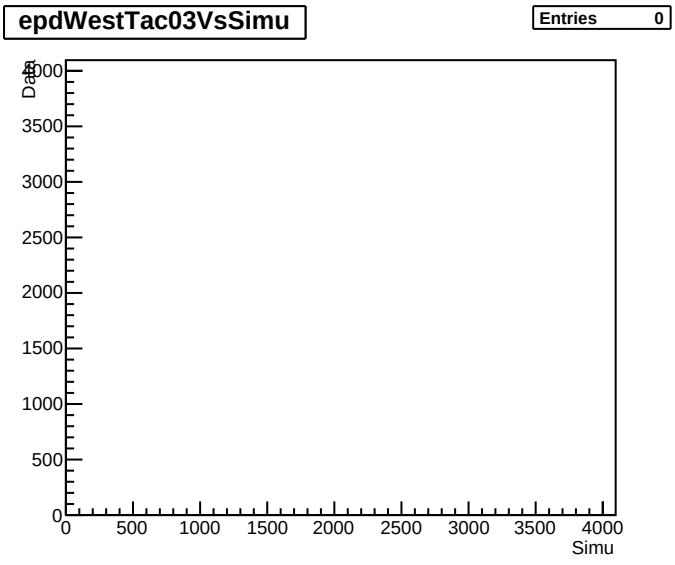
Entries 0
Data
Simu


epdWestTac03
Entries 269883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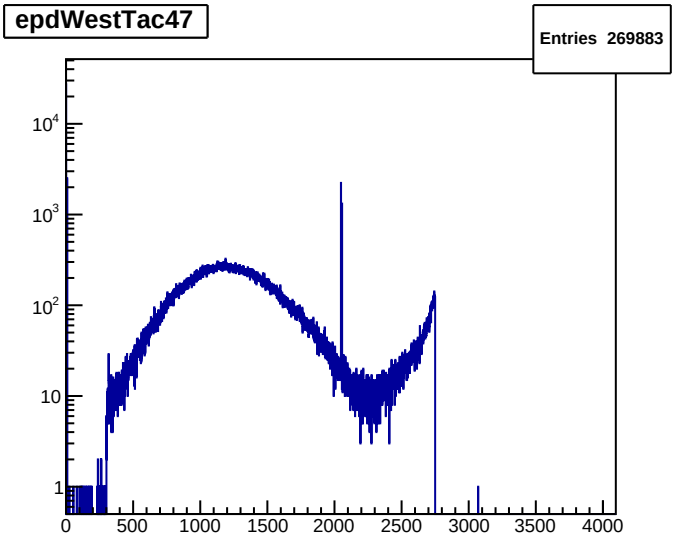
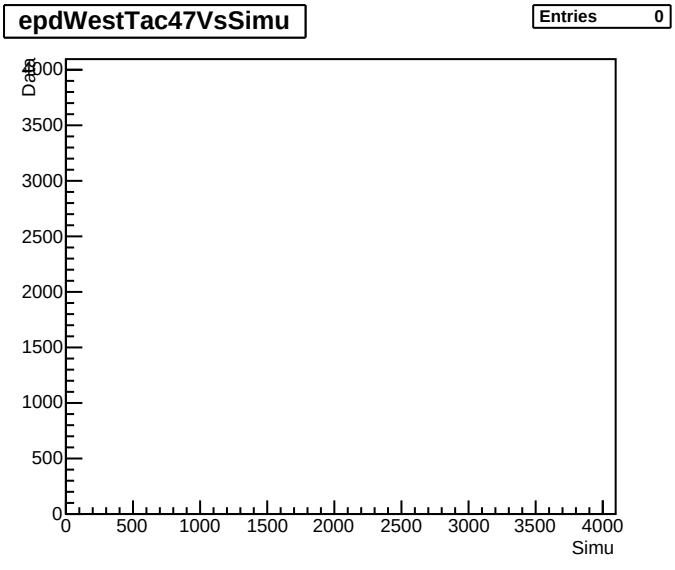
Entries 0
Data
Simu


epdWestTac47
Entries 269883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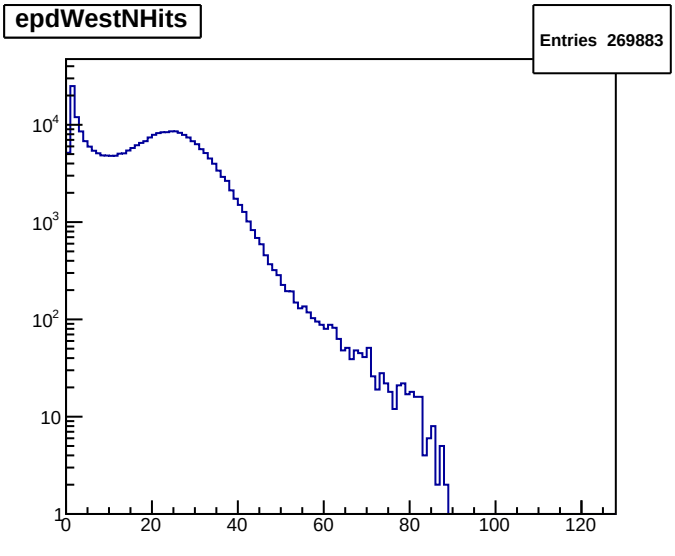
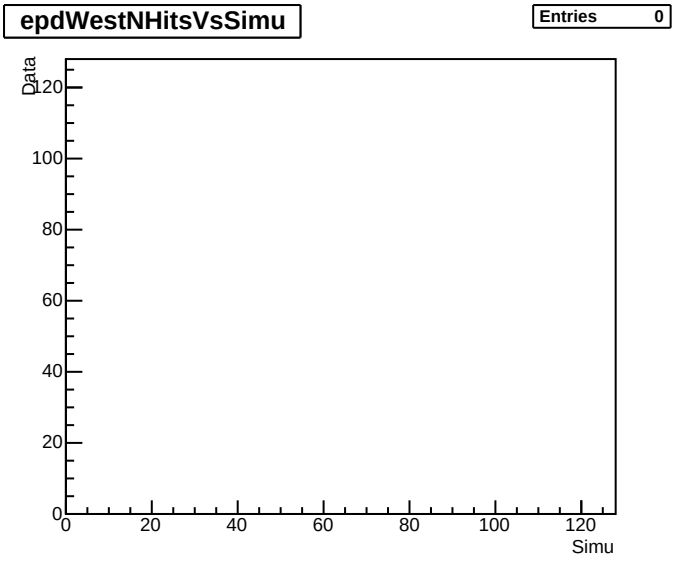
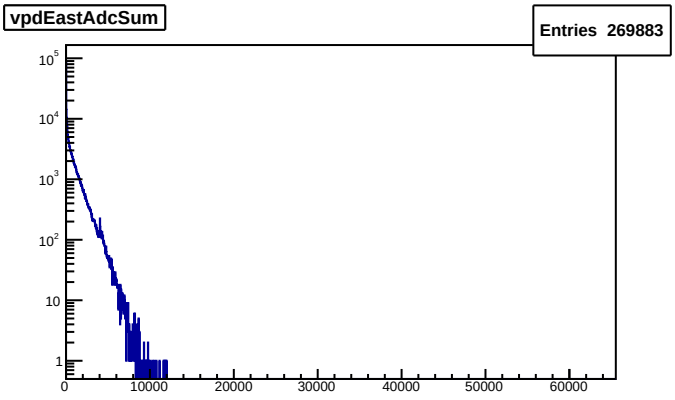
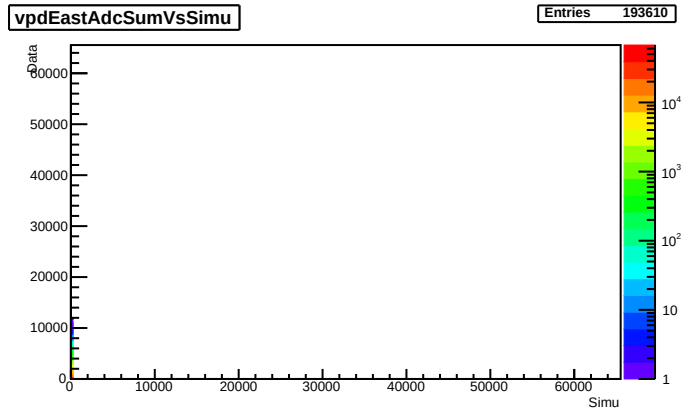
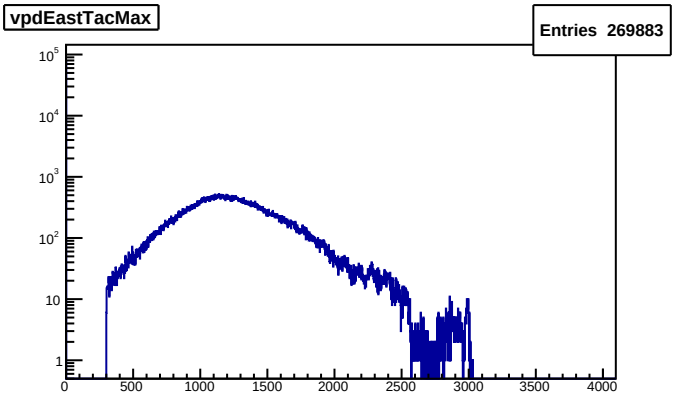
Entries 0
Data
Simu

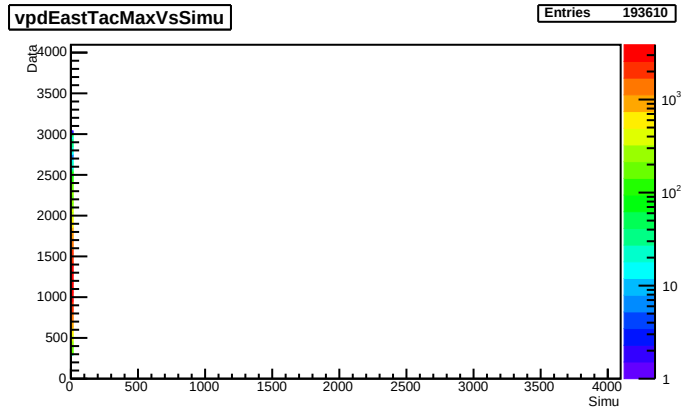

epdWestNHits
Entries 269883

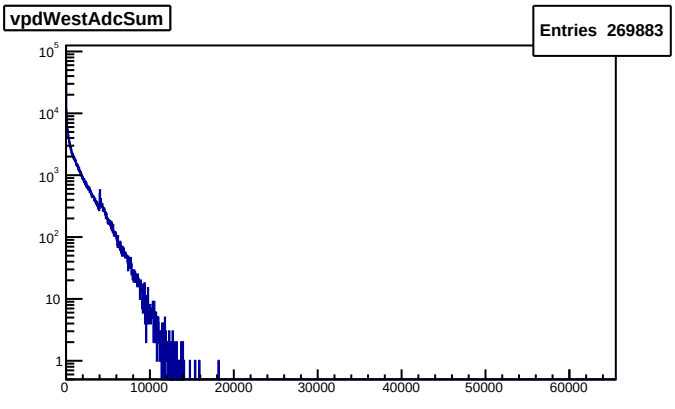

epdWestNHitsVsSimu
Entries 0
Data
Simu

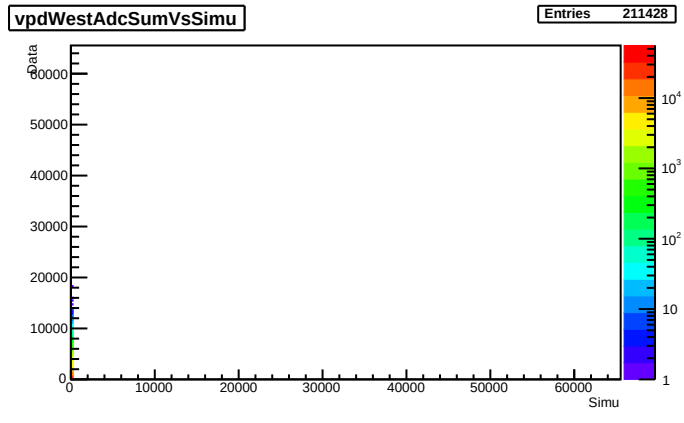

vpdEastAdcSum
Entries 269883

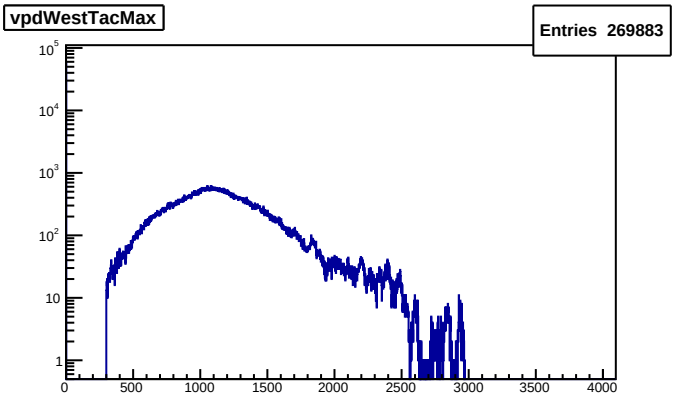

vpdEastAdcSumVsSimu
Entries 193610
Data
Simu

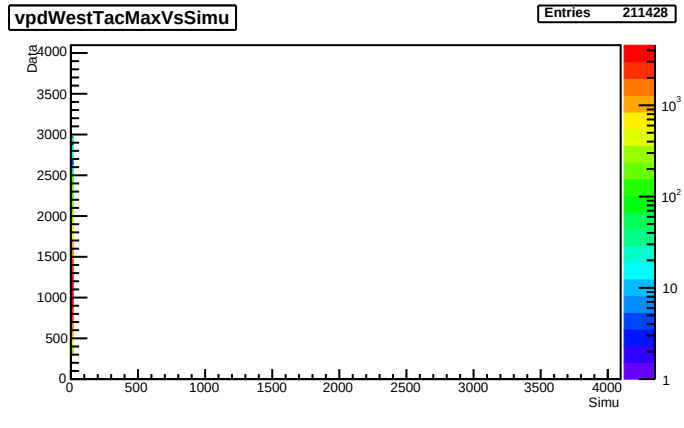

vpdEastTacMax
Entries 269883

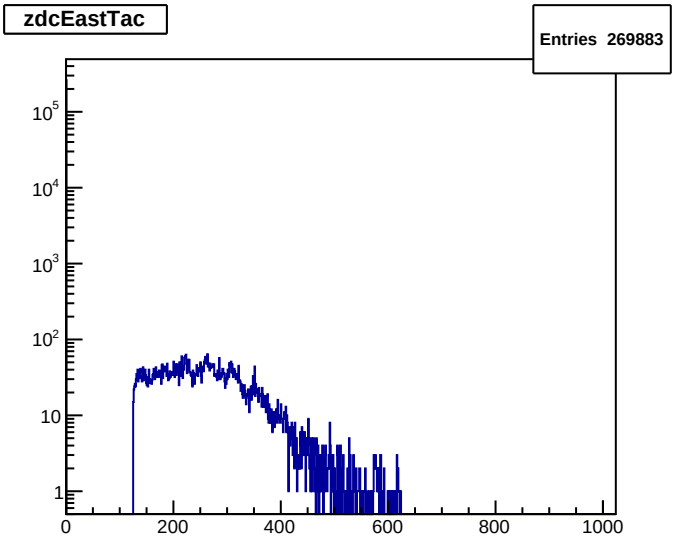

vpdEastTacMaxVsSimu
Entries 193610
Data
Simu

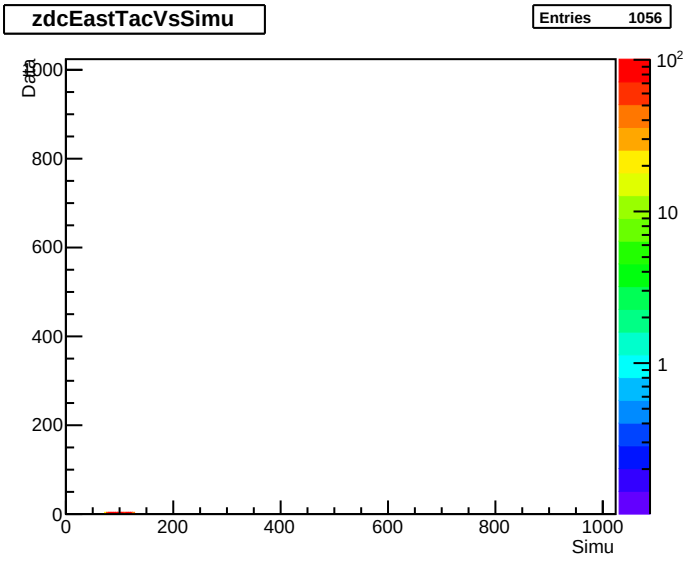

vpdWestAdcSum
Entries 269883

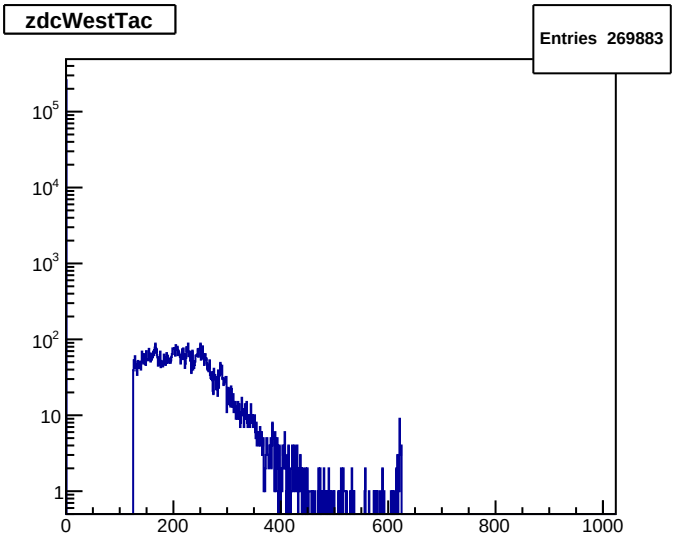

vpdWestAdcSumVsSimu
Entries 211428
Data
Simu

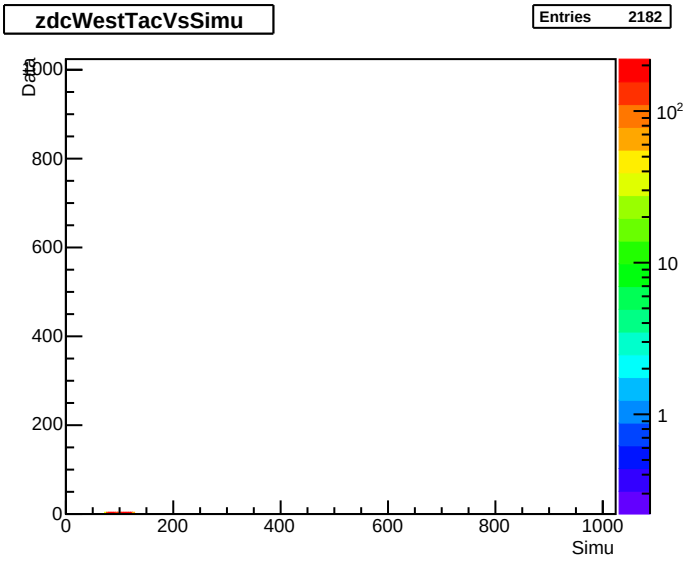

vpdWestTacMax
Entries 269883

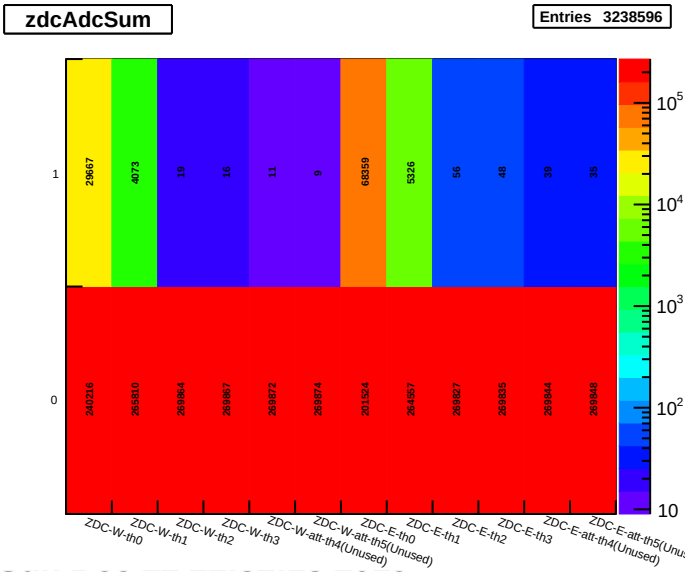

vpdWestTacMaxVsSimu
Entries 211428
Data
Simu

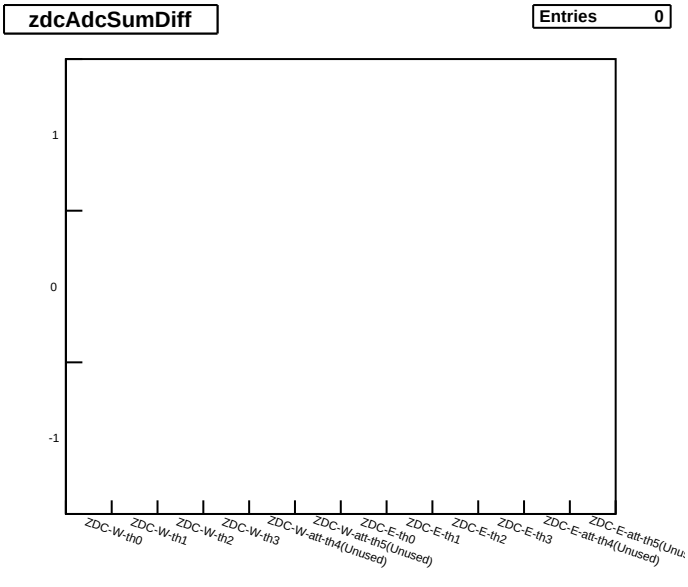

zdcEastTac
Entries 269883

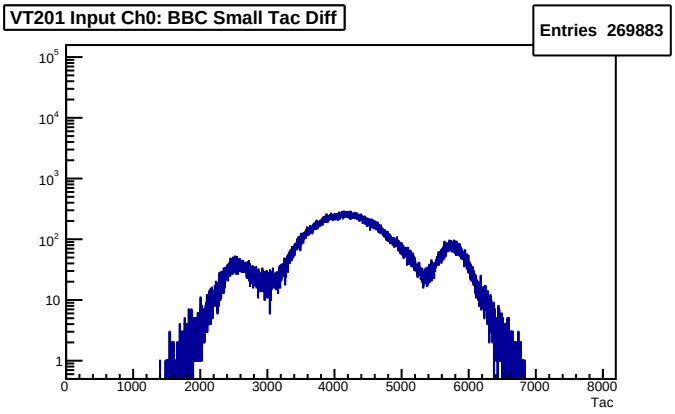

zdcEastTacVsSimu
Entries 1056
Data
Simu

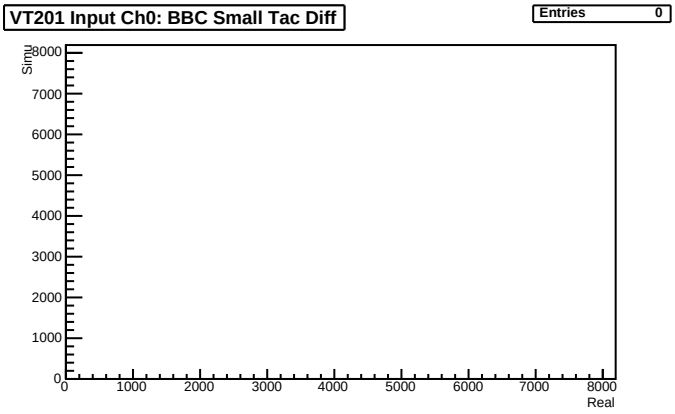

zdcWestTac
Entries 269883

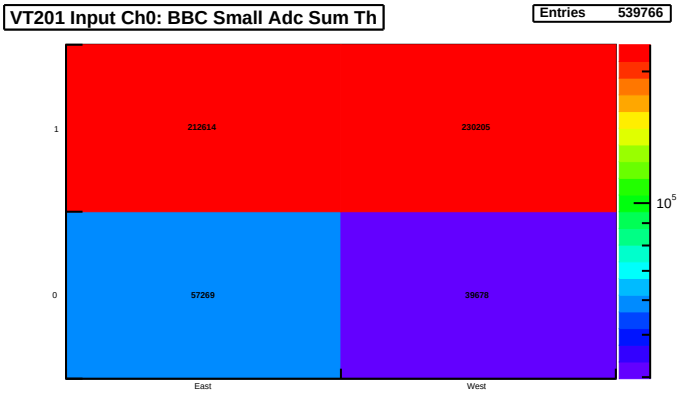

zdcWestTacVsSimu
Entries 2182
Data
Simu

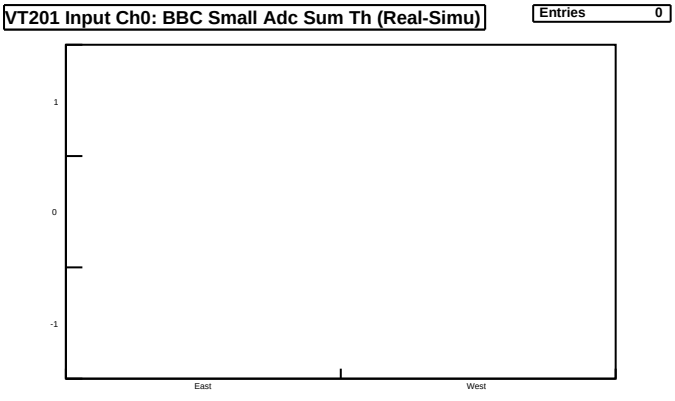

zdcAdcSum
Entries 3238596
29667
4073
19
16
11
9
68359
5326
56
48
39
35
240216
265810
269864
269867
269872
269874
201524
264557
269827
269835
269844
269848
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

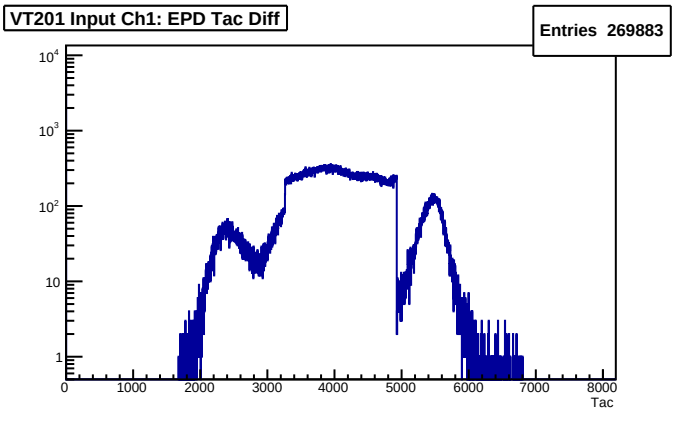

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

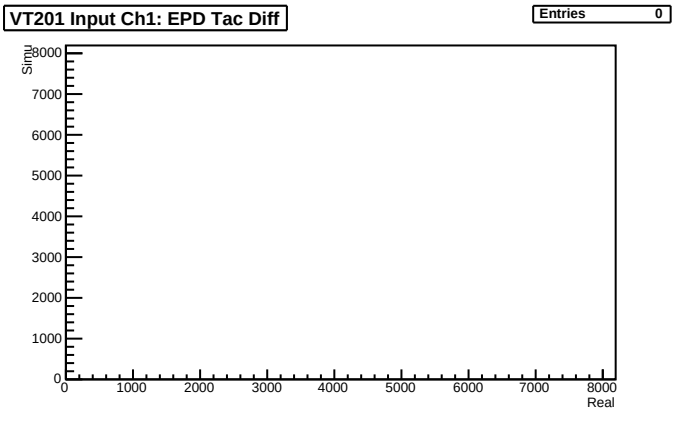

VT201 Input Ch0: BBC Small Tac Diff
Entries 269883
Tac

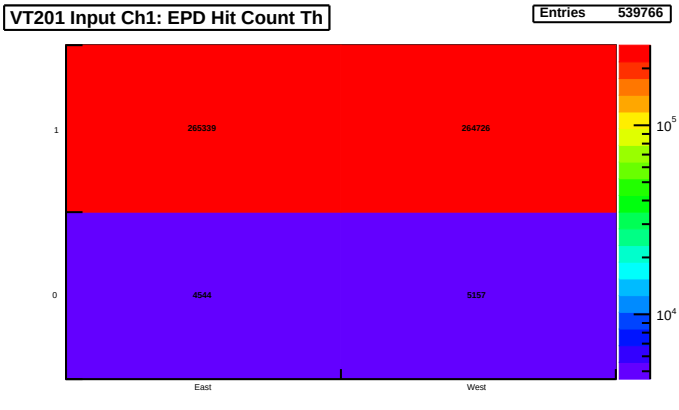

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

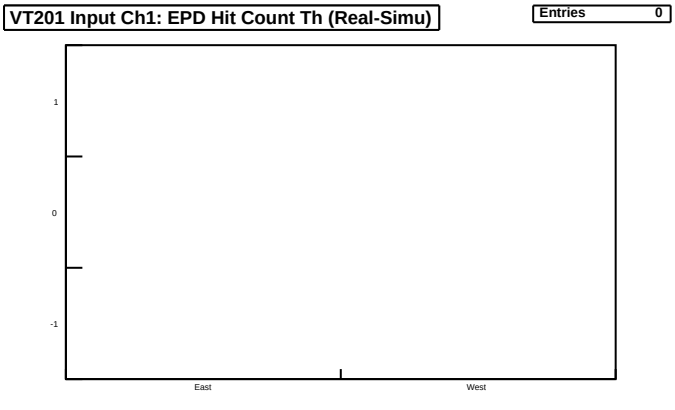

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 539766
212614
230205
57269
39678
East
West

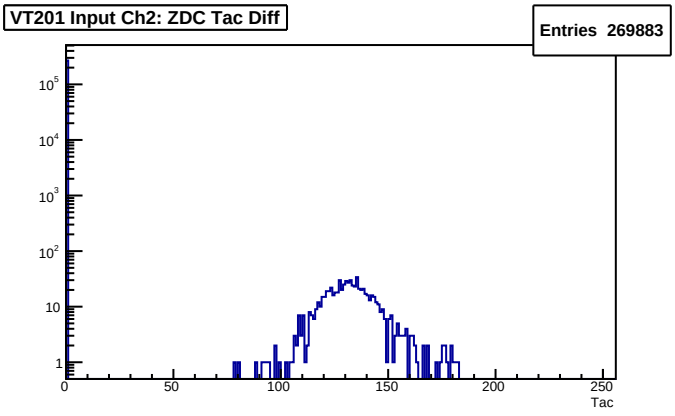

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

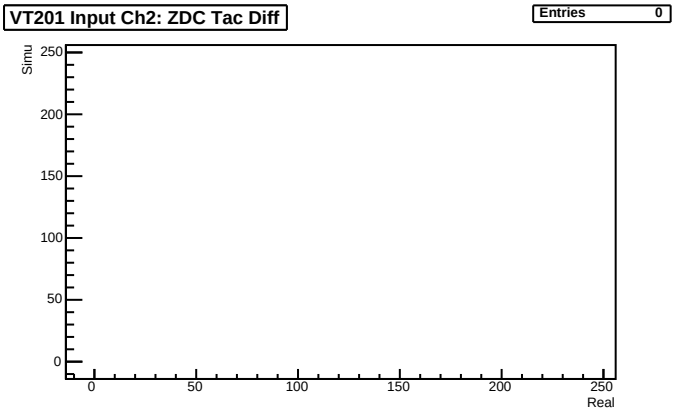

VT201 Input Ch1: EPD Tac Diff
Entries 269883
Tac

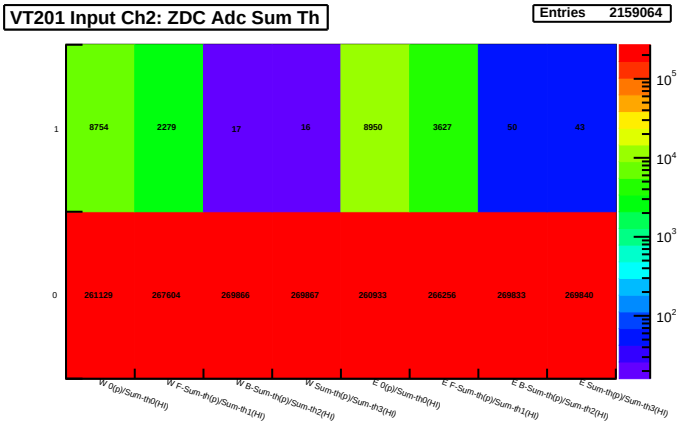

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

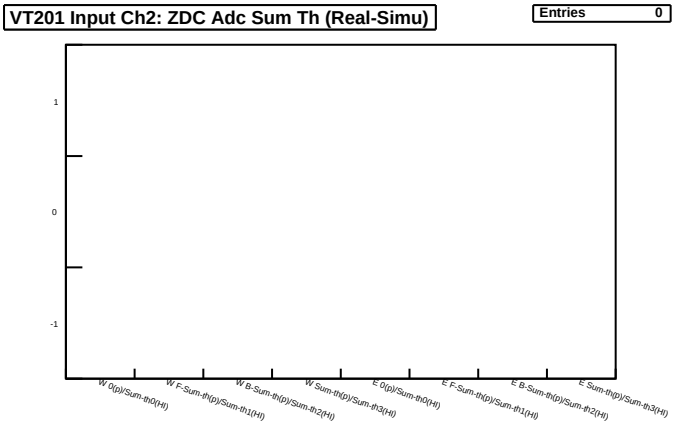

VT201 Input Ch1: EPD Hit Count Th
Entries 539766
265339
264726
4544
5157
East
West

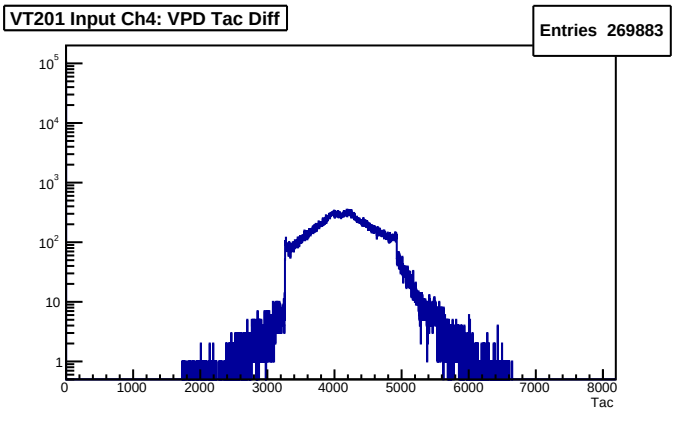

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

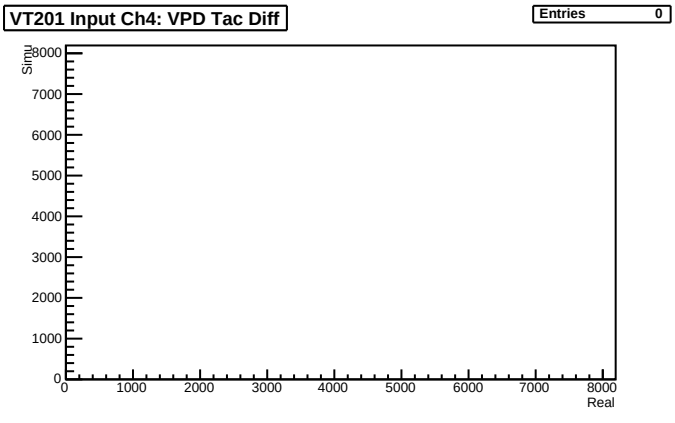

VT201 Input Ch2: ZDC Tac Diff
Entries 269883
Tac

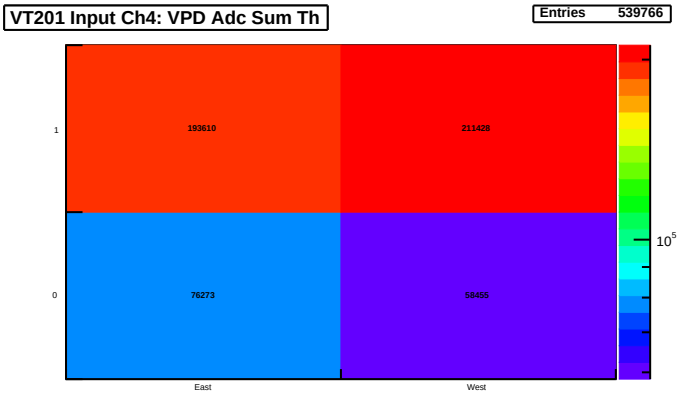

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

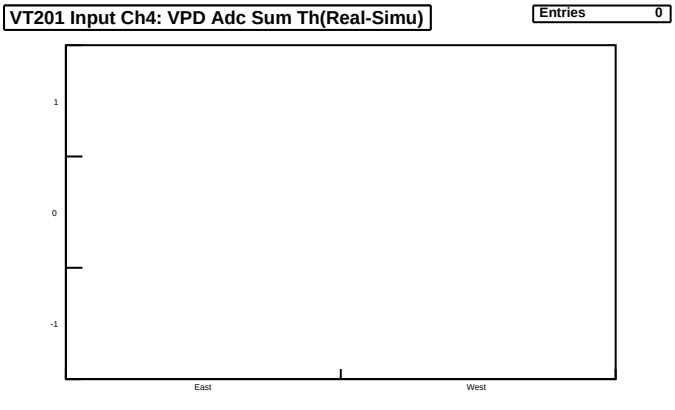

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2159064
8754
2279
17
16
8950
3627
50
43
261129
267604
269866
269867
260933
266256
269833
269840
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

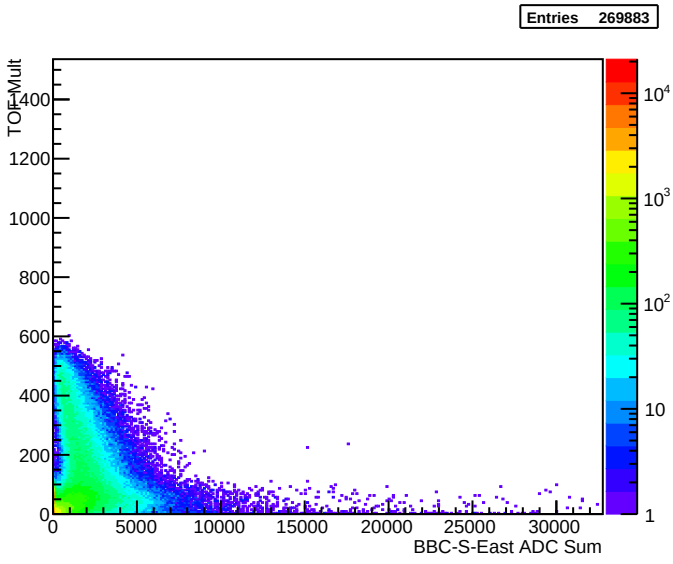

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

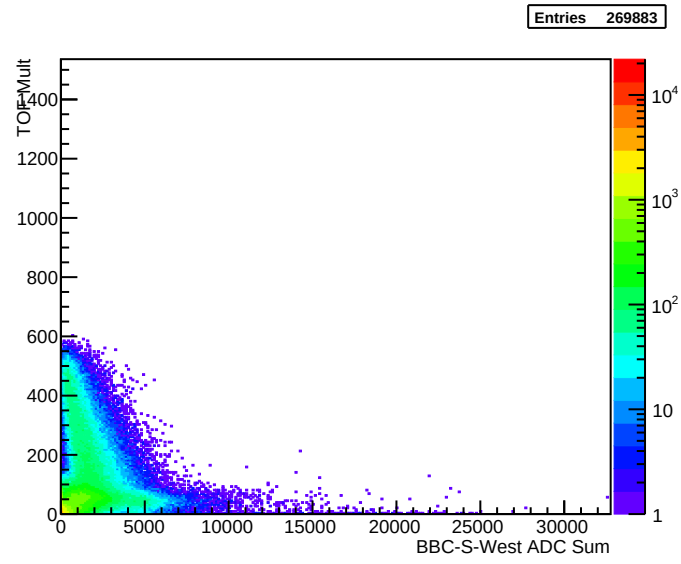

VT201 Input Ch4: VPD Tac Diff
Entries 269883
Tac

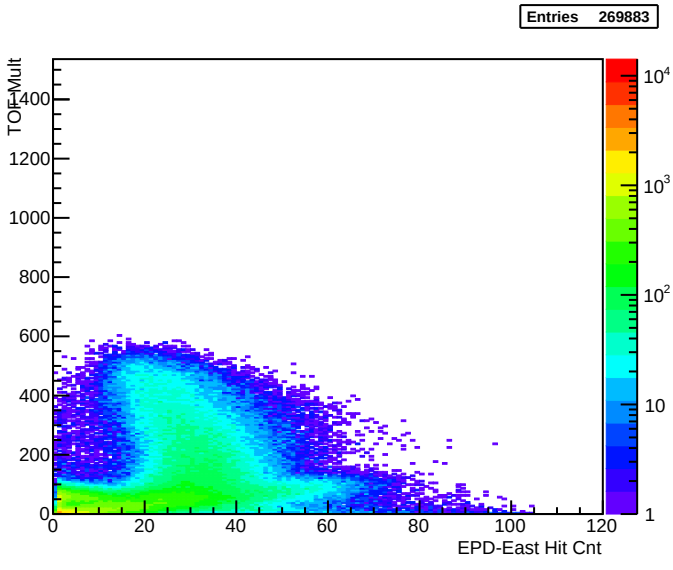

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

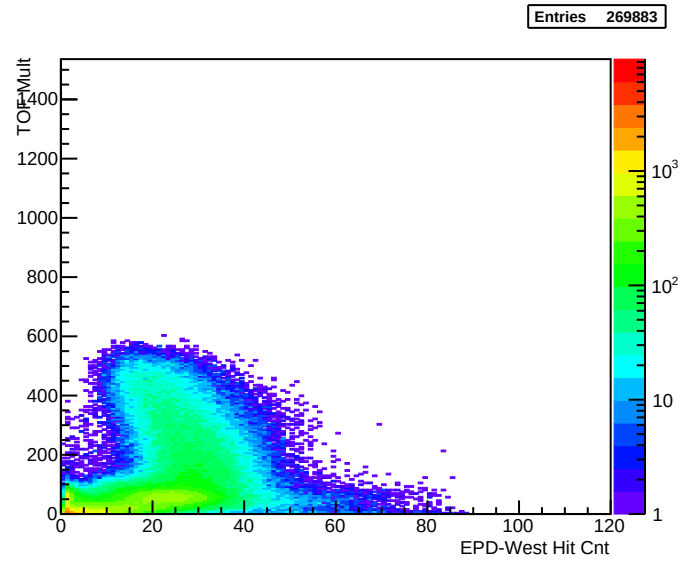

VT201 Input Ch4: VPD Adc Sum Th
Entries 539766
193610
211428
76273
58455
East
West

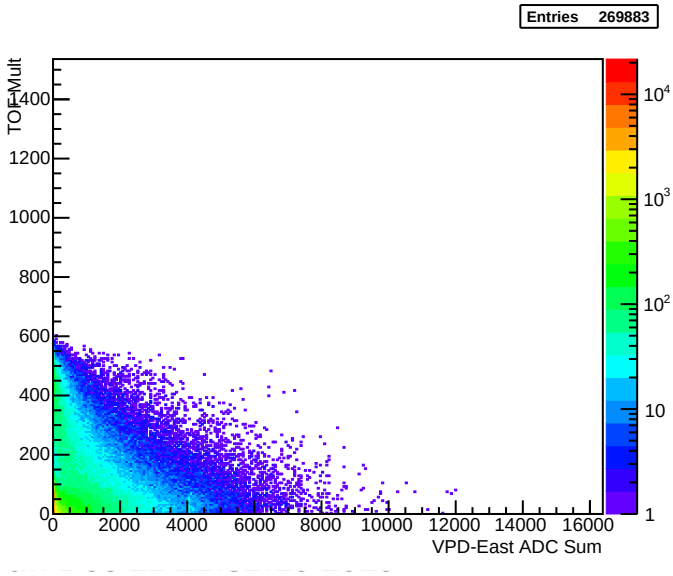

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

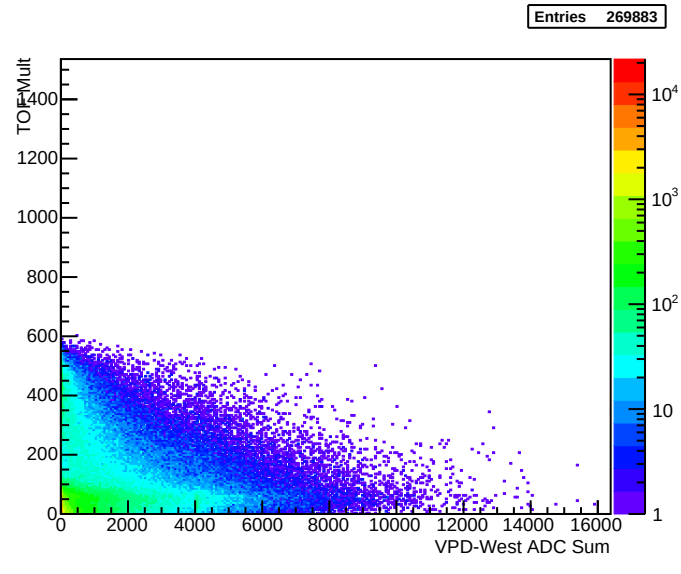

Entries 269883
TOF-Mult
BBC-S-East ADC Sum

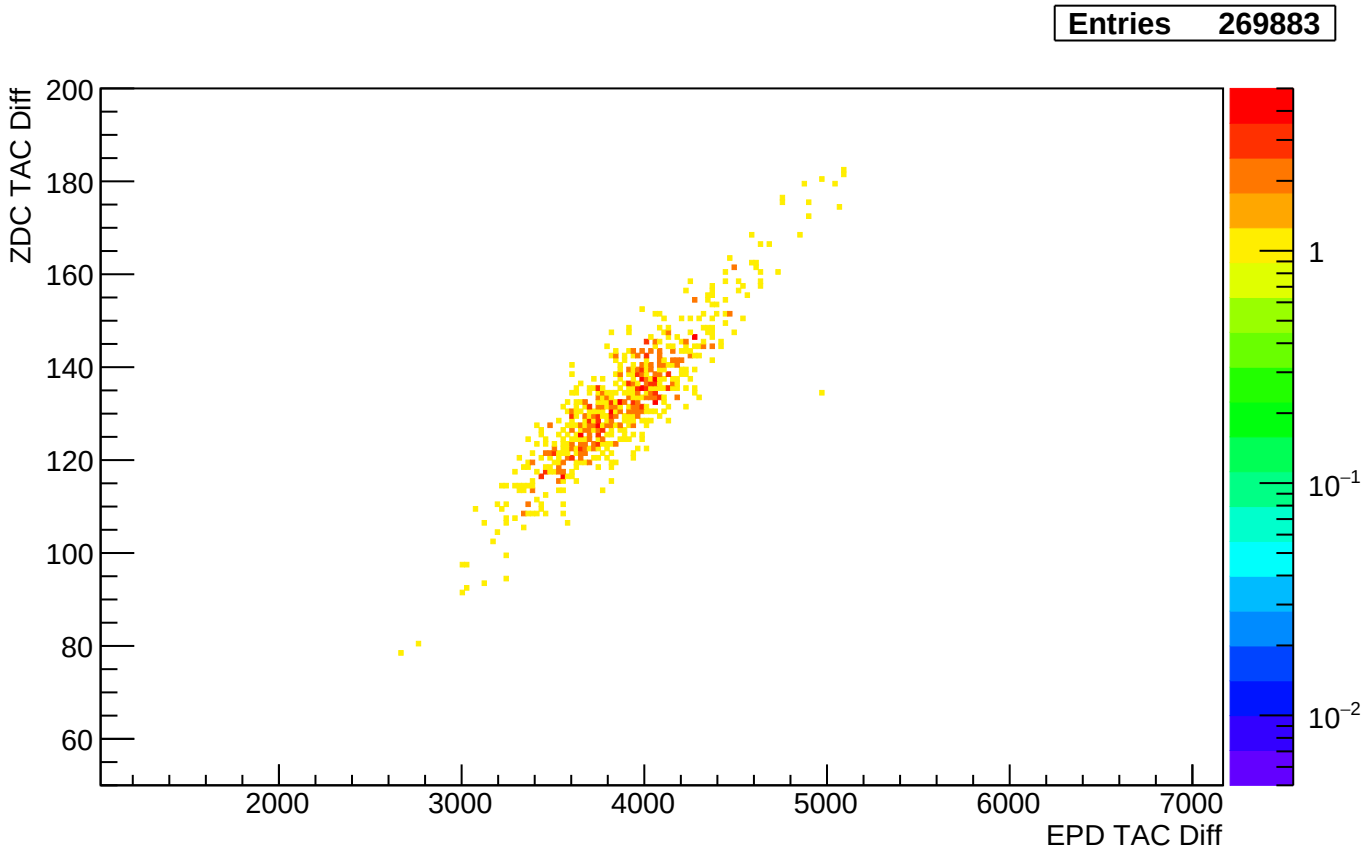

Entries 269883
TOF-Mult
BBC-S-West ADC Sum

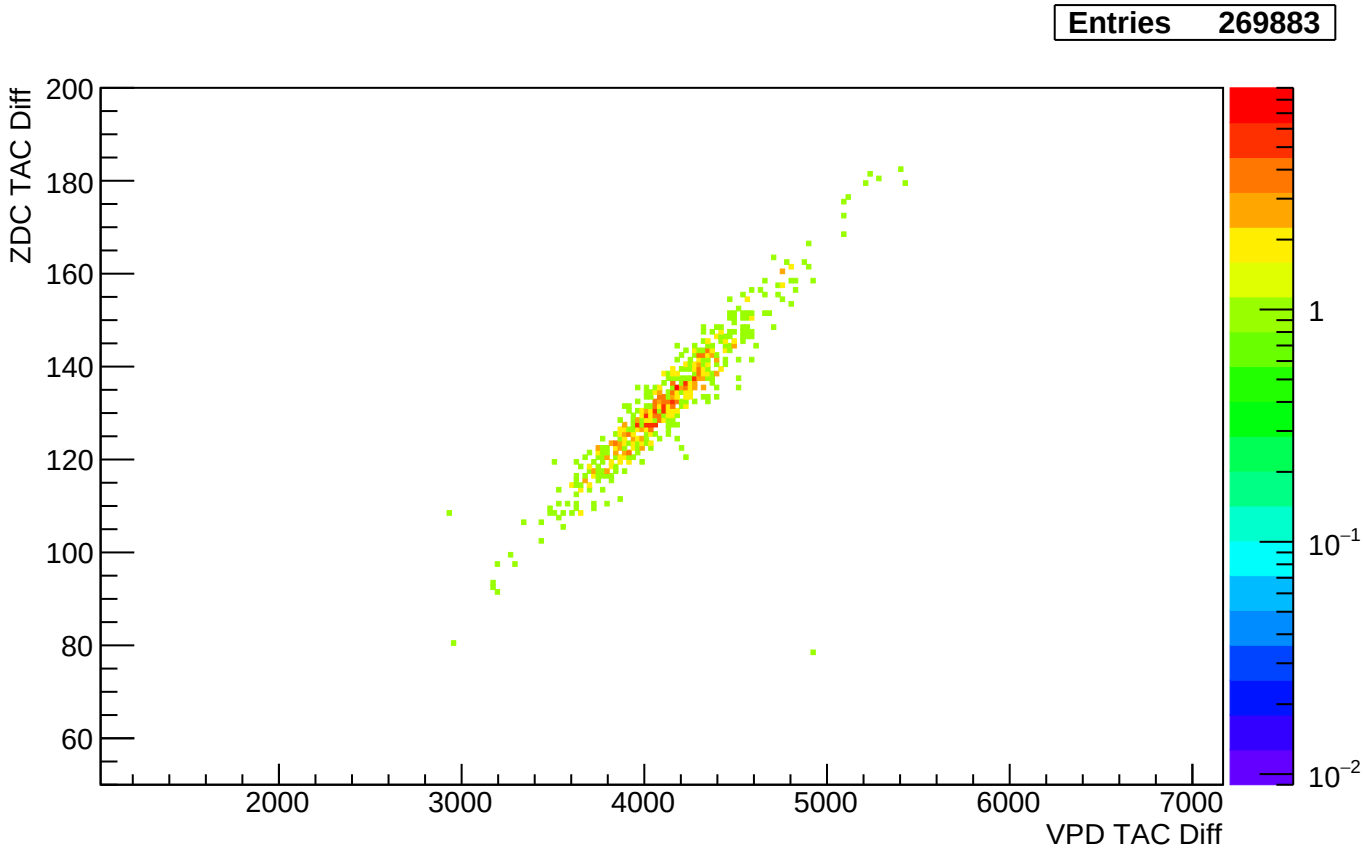

Entries 269883
TOF-Mult
EPD-East Hit Cnt

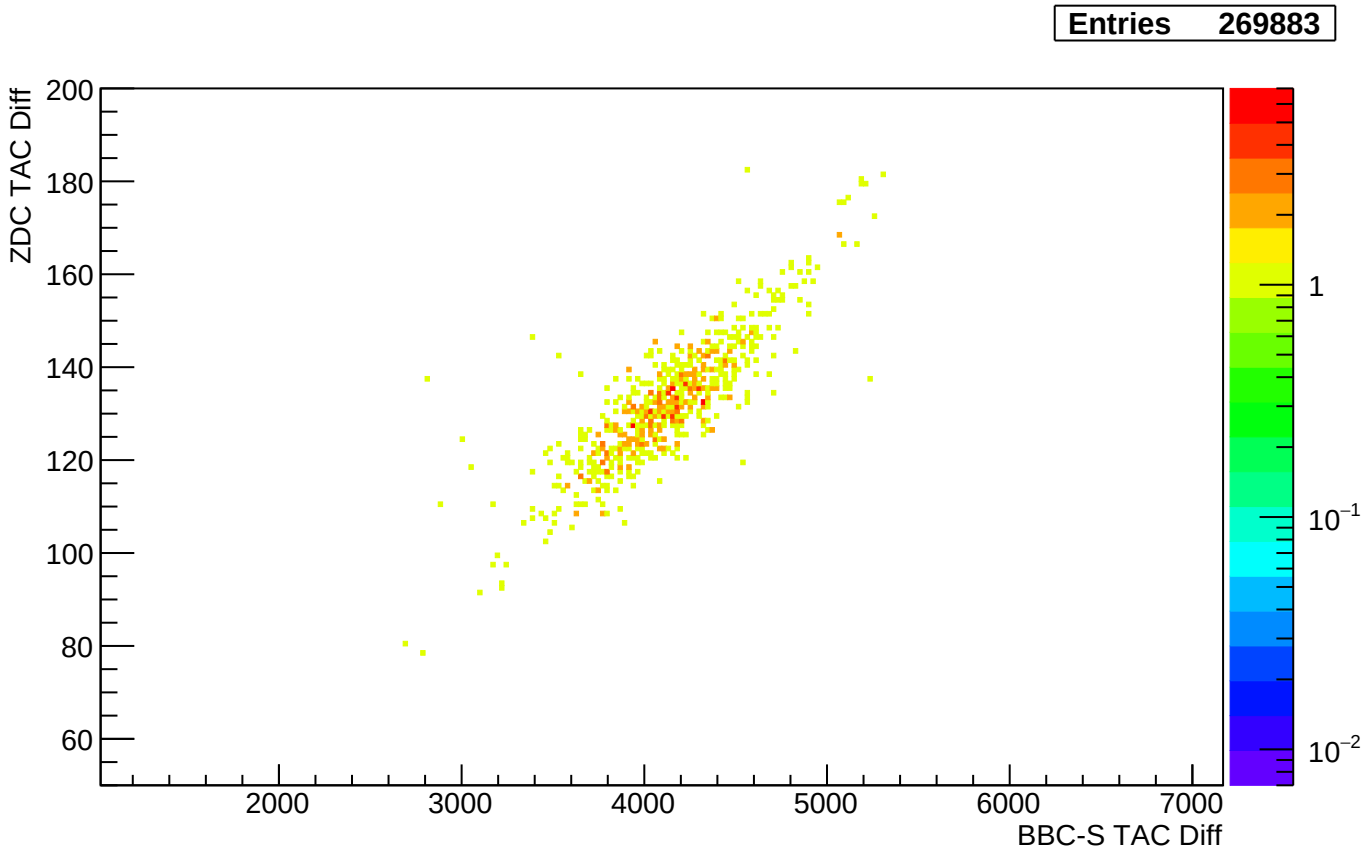

Entries 269883
TOF-Mult
EPD-West Hit Cnt

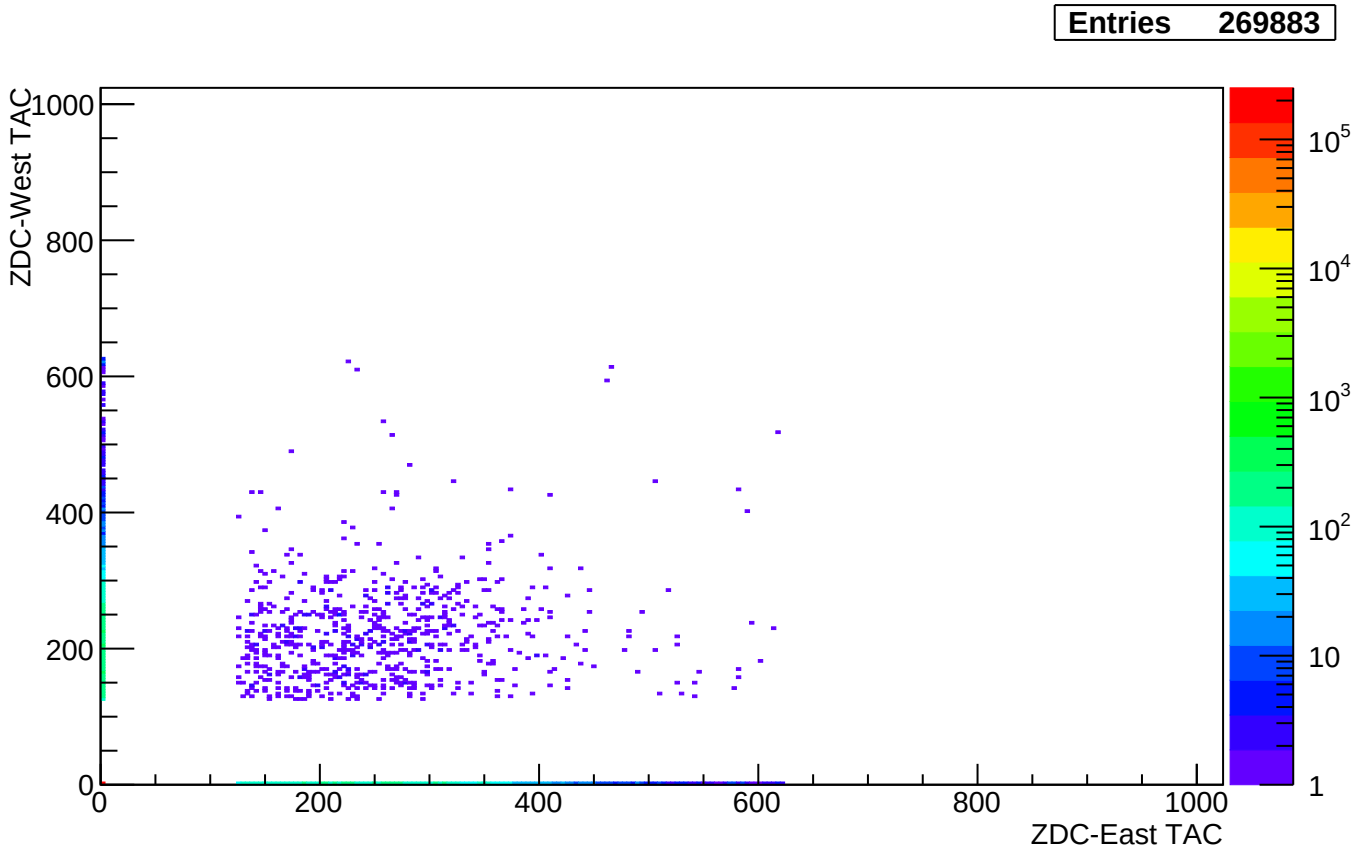

Entries 269883
TOF-Mult
VPD-East ADC Sum

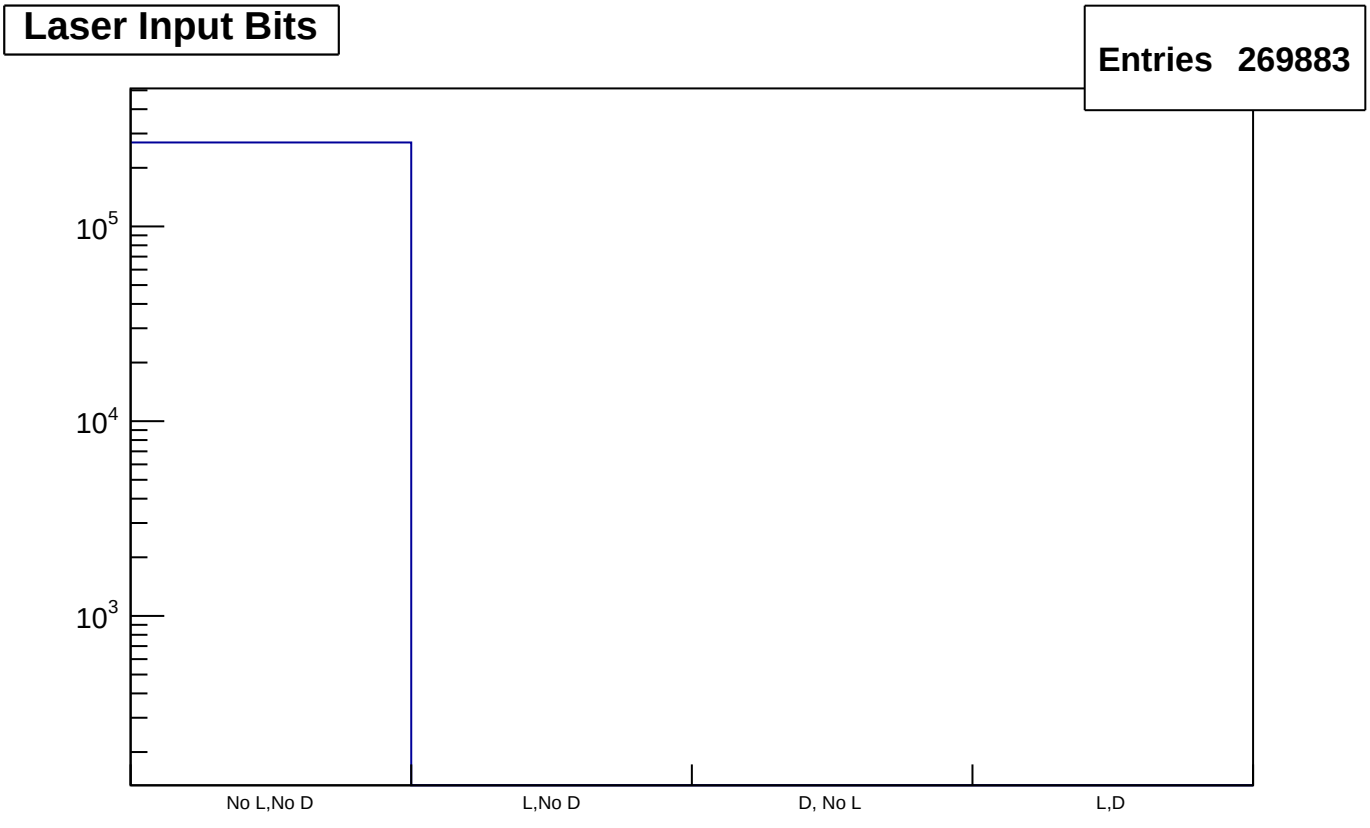

Entries 269883
TOF-Mult
VPD-West ADC Sum

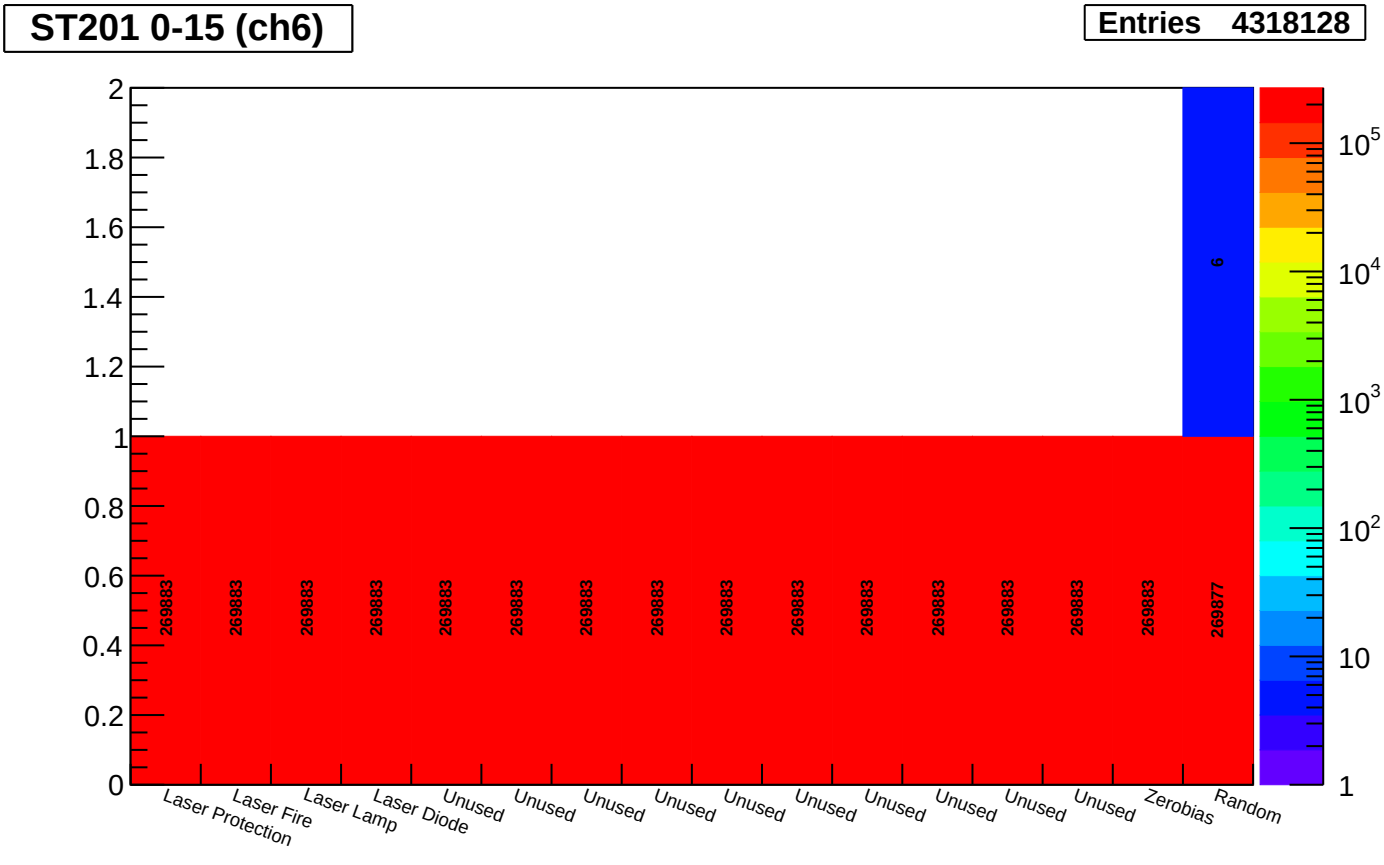

Entries 269883
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

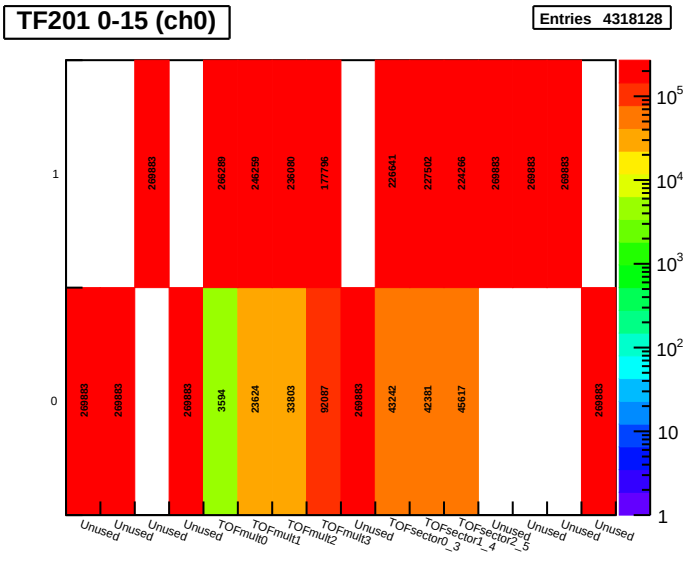

Entries 269883
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

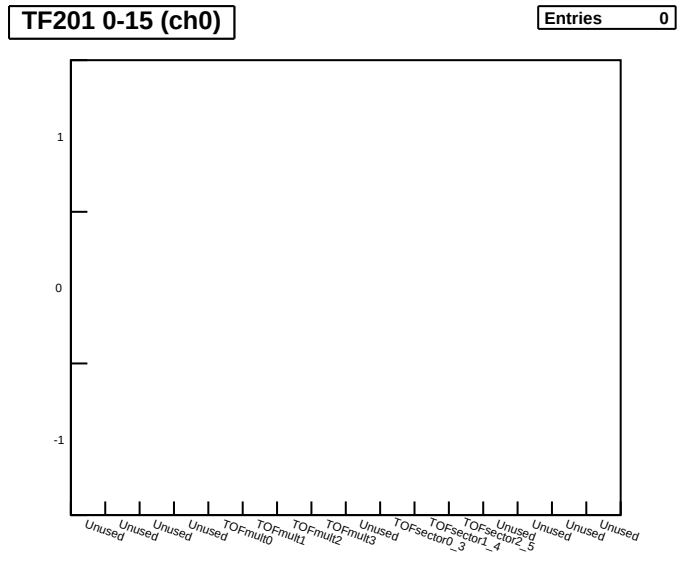

Entries 269883
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

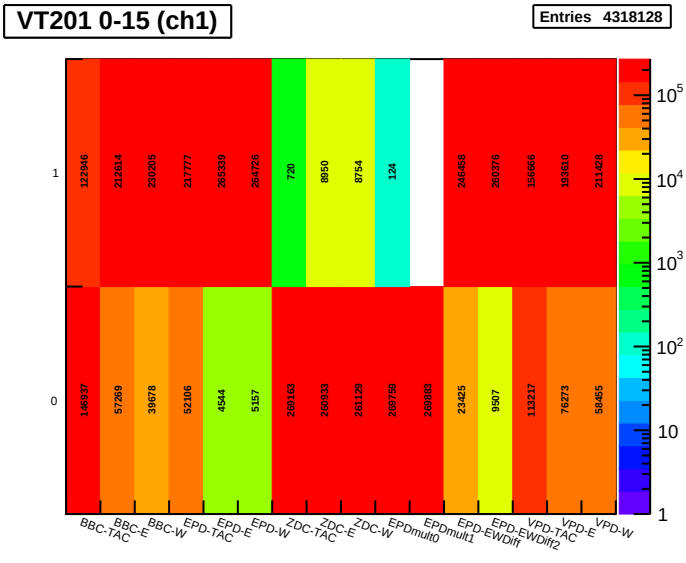

Entries 269883
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

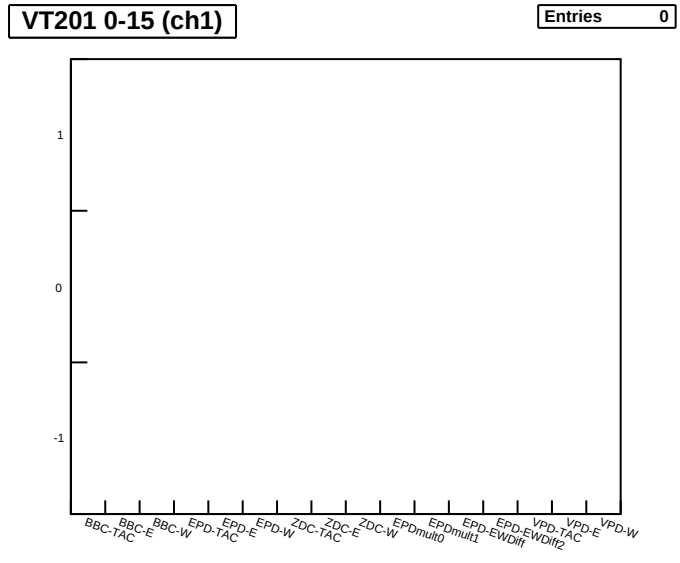

Laser Input Bits
Entries 269883
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

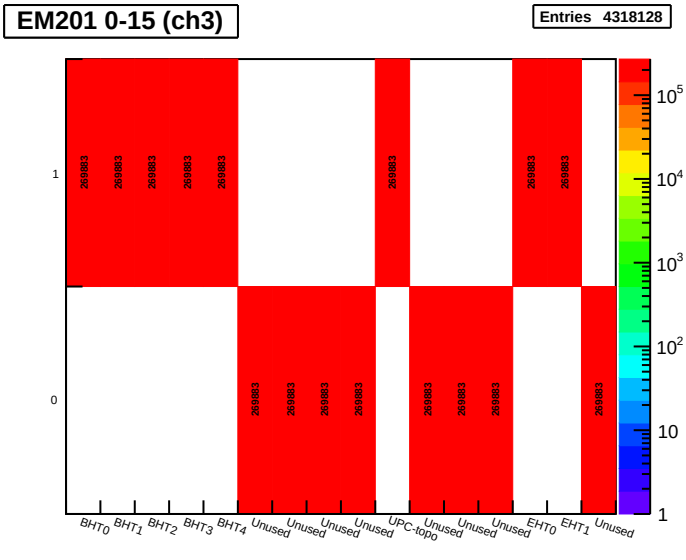

ST201 0-15 (ch6)
Entries 4318128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
269883
269877
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

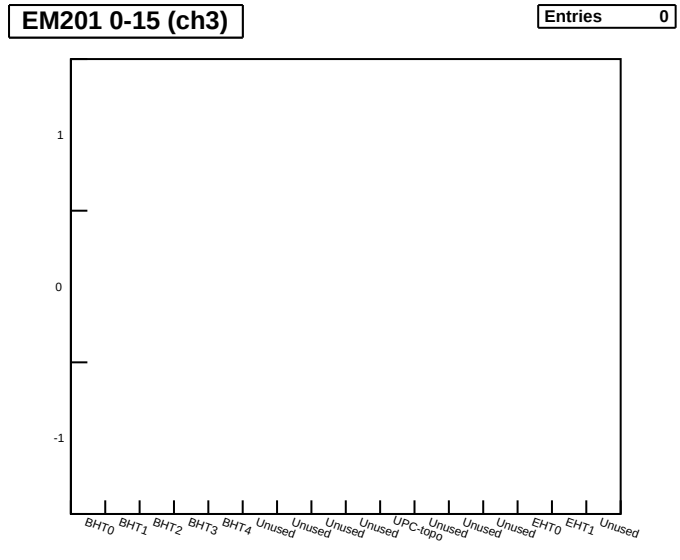

TF201 0-15 (ch0)
Entries 4318128
1
0
269883 266289 246259 236080 177796 226641 227502 224266 269883 269883 269883
269883 269883 269883 3594 23624 33803 92087 269883 43242 42381 45617 269883
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 4318128
1
0
122946 212614 230205 217777 265339 264726 720 8950 8754 124 246458 260376 156666 193610 211428
146937 57269 39678 52106 4544 5157 269163 260933 261129 269759 269883 23425 9507 113217 76273 58455
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 4318128
1
0
269883 269883 269883 269883 269883 269883 269883 269883
269883 269883 269883 269883 269883 269883 269883 269883
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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