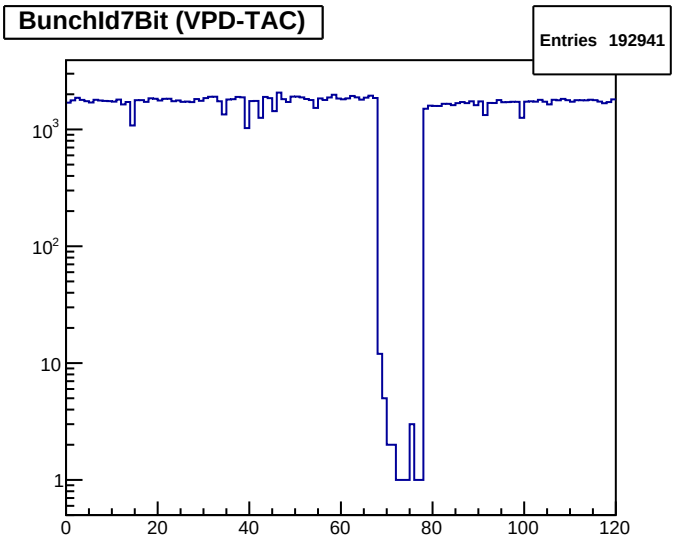
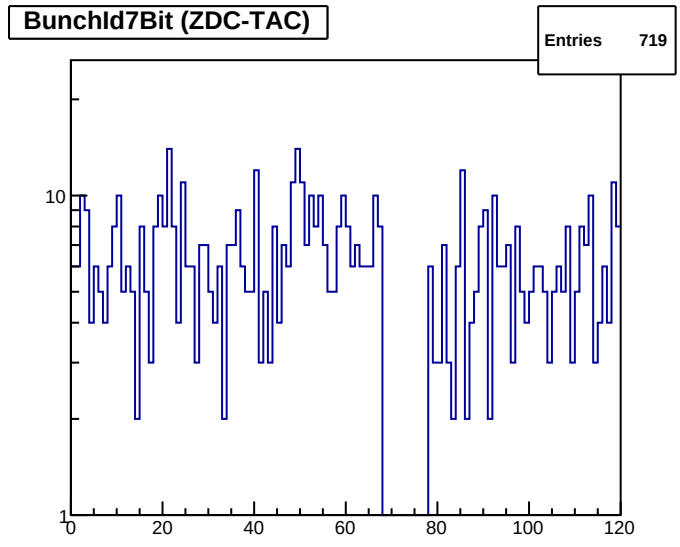
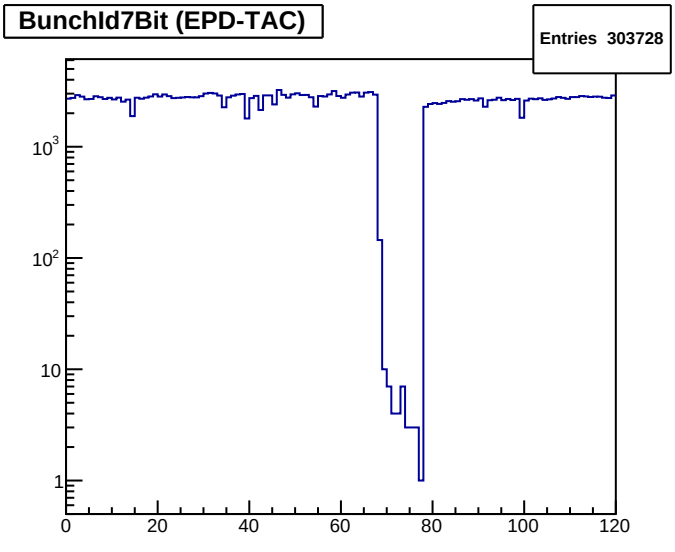
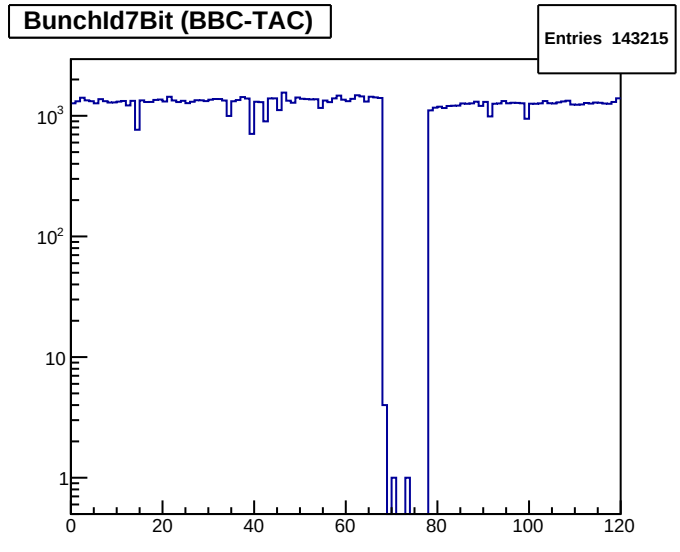
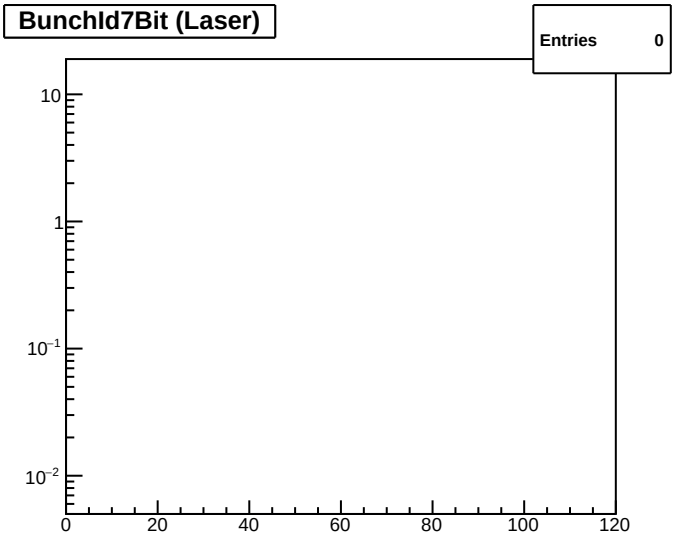
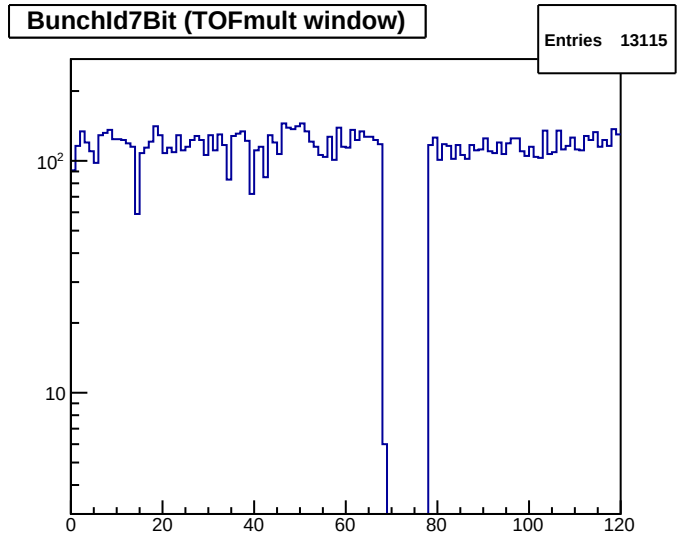

BunchId7Bit (VPD-TAC)
Entries 192941

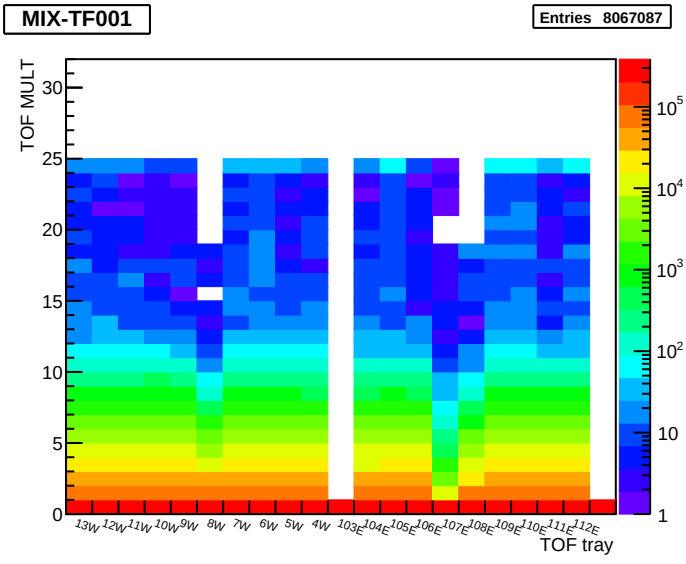

BunchId7Bit (ZDC-TAC)
Entries 719

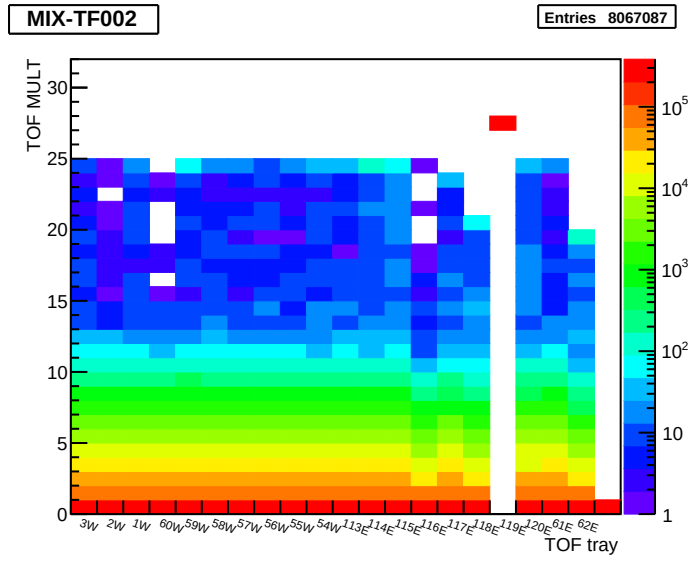

BunchId7Bit (EPD-TAC)
Entries 303728

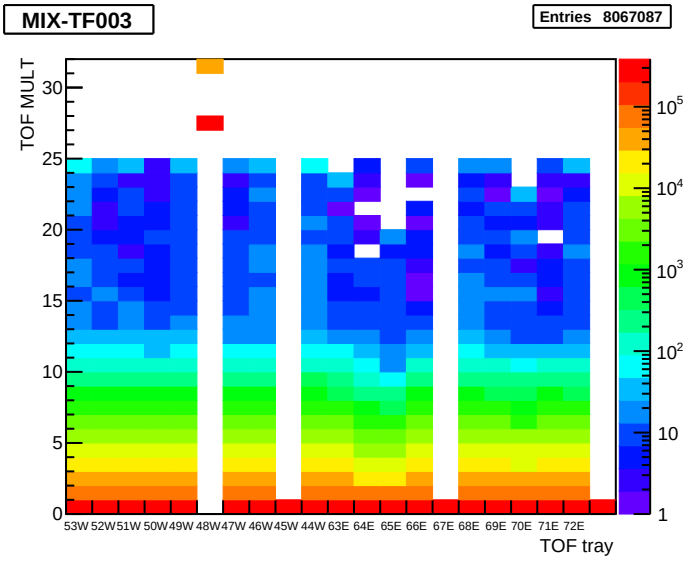

BunchId7Bit (BBC-TAC)
Entries 143215

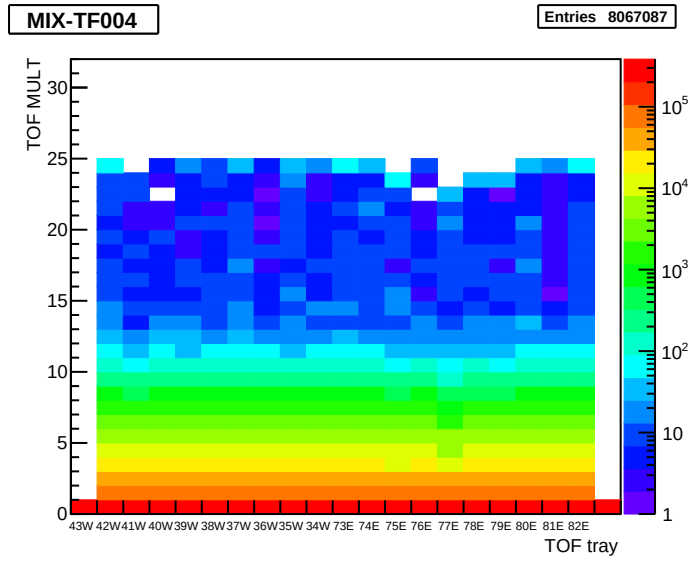

BunchId7Bit (Laser)
Entries 0

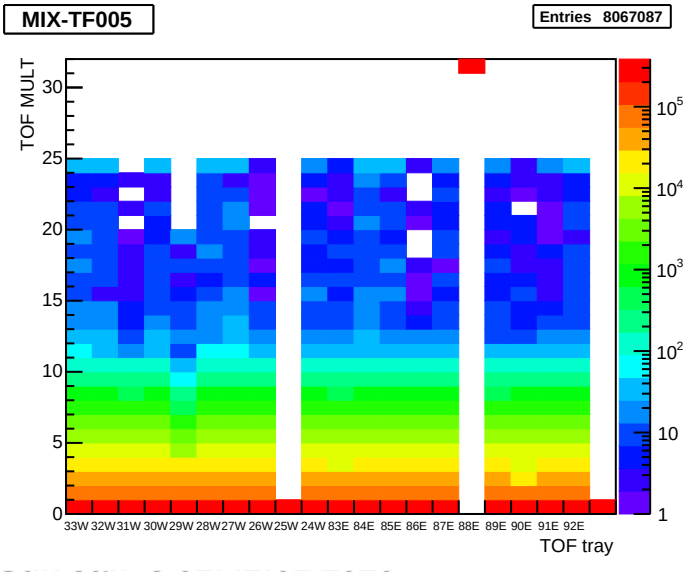

BunchId7Bit (TOFmult window)
Entries 13115

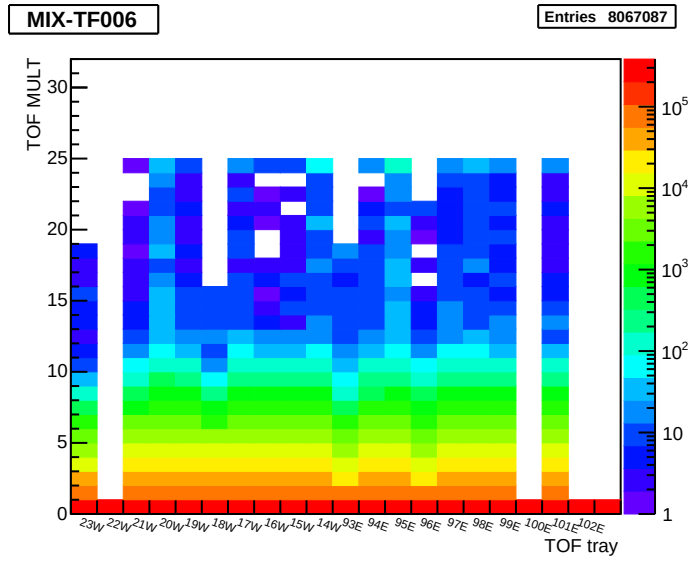

MIX-TF001
Entries 8067087
TOF MULT
TOF tray

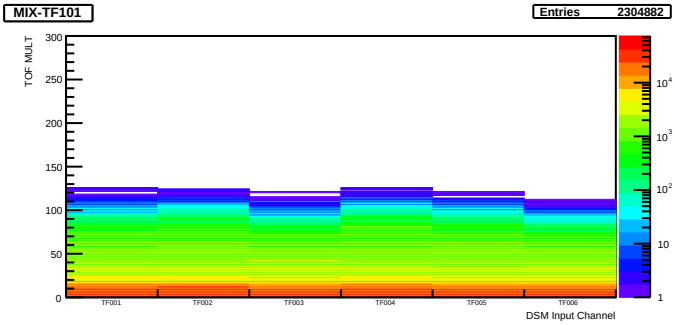

MIX-TF002
Entries 8067087
TOF MULT
TOF tray

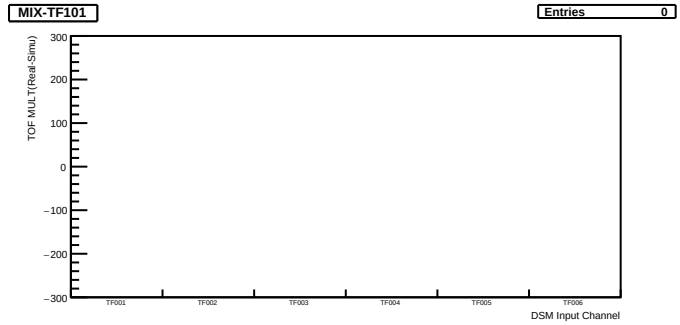

MIX-TF003
Entries 8067087
TOF MULT
TOF tray

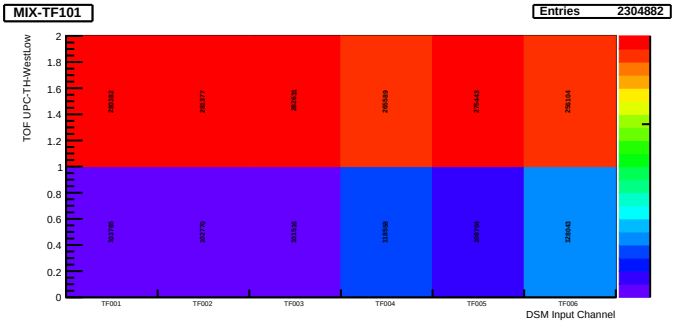

MIX-TF004
Entries 8067087
TOF MULT
TOF tray

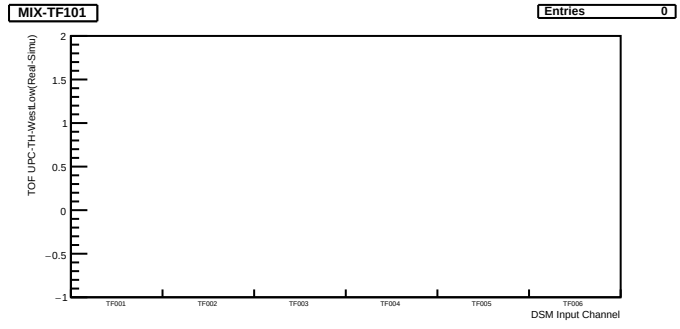

MIX-TF005
Entries 8067087
TOF MULT
TOF tray

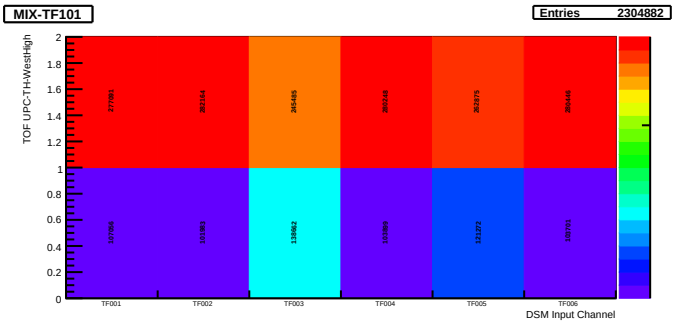

MIX-TF006
Entries 8067087
TOF MULT
TOF tray

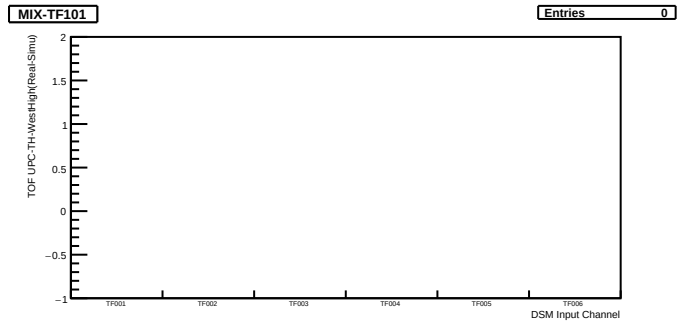

MIX-TF101
Entries 2304882
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

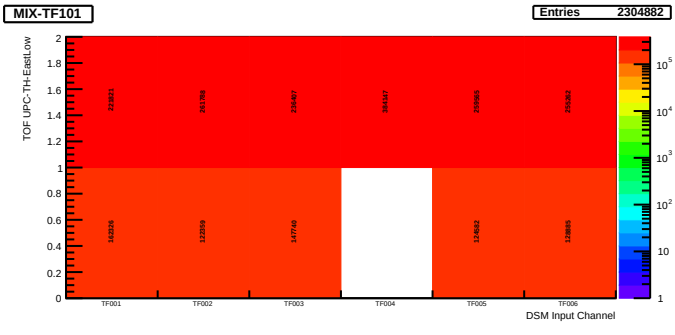

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

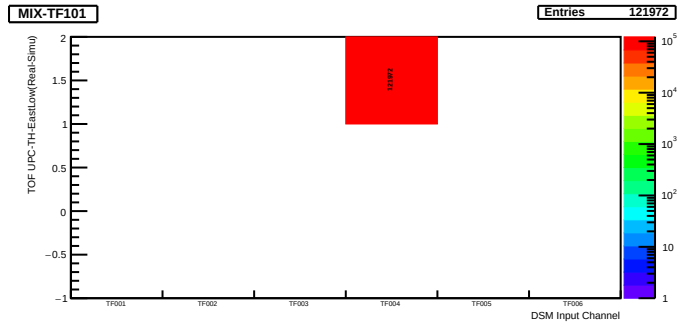

MIX-TF101
Entries 2304882
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

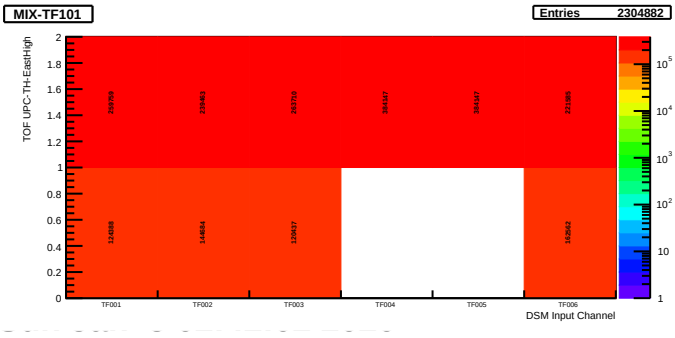

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

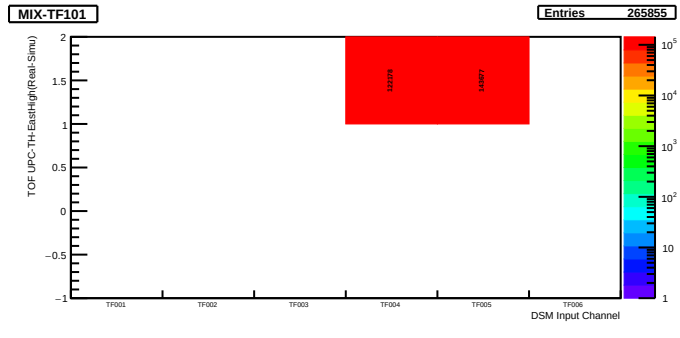

MIX-TF101
Entries 2304882
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

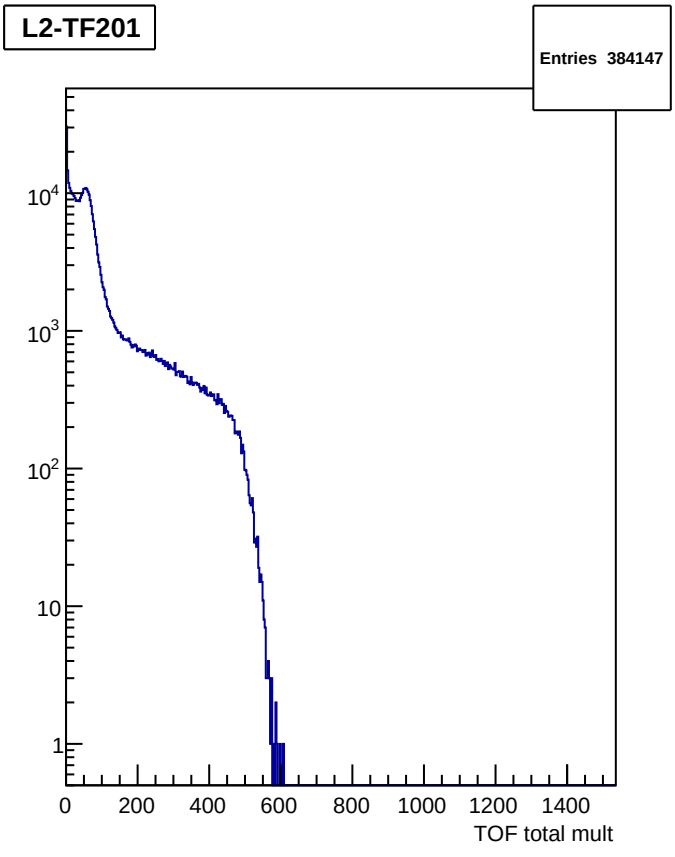

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

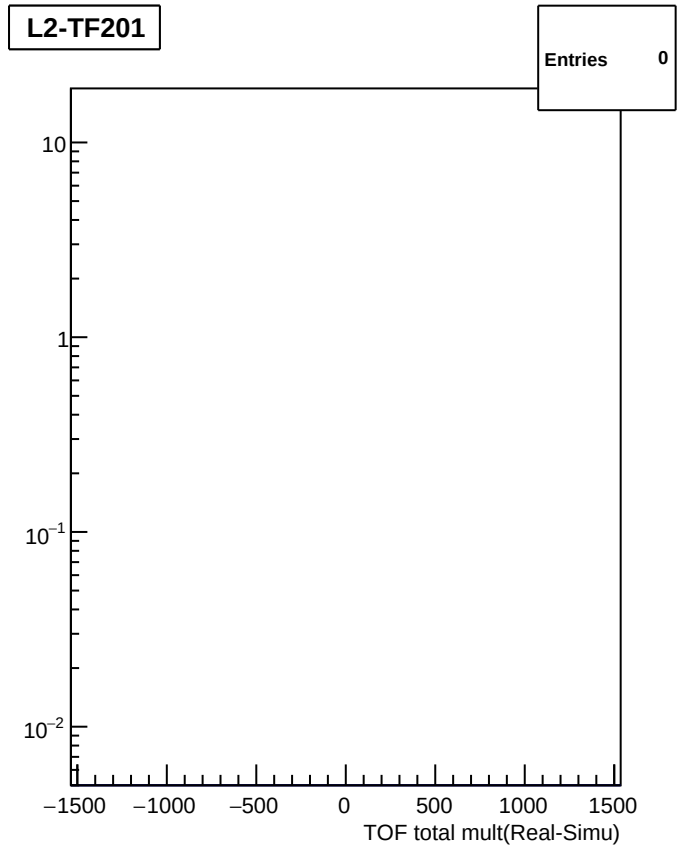

MIX-TF101
Entries 2304882
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

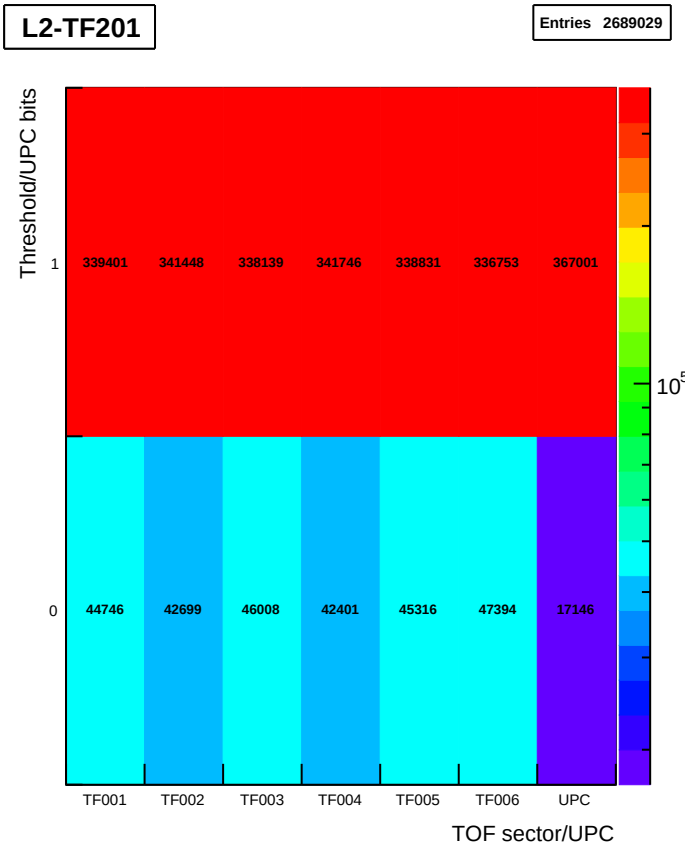

MIX-TF101
Entries 121972
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

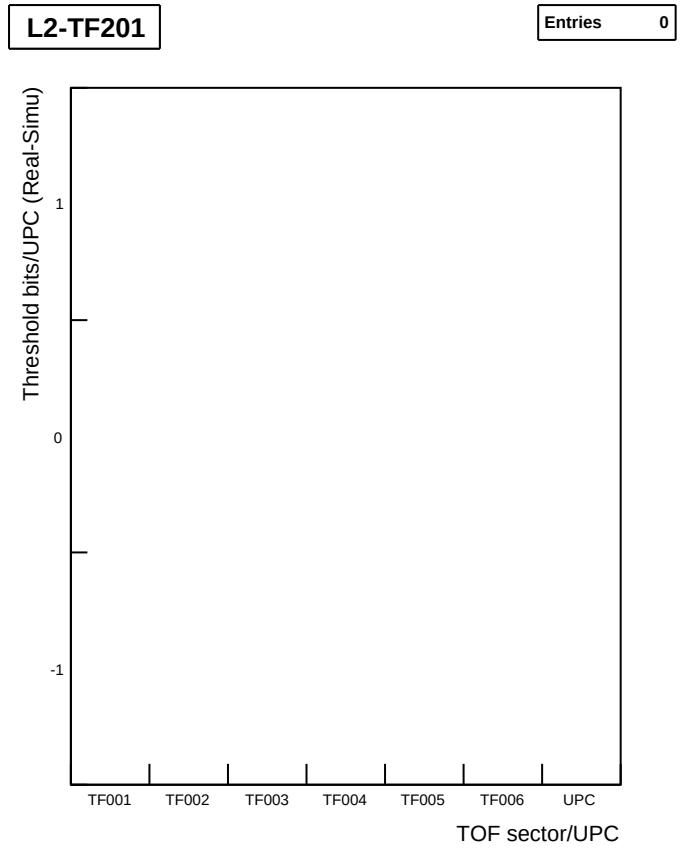

MIX-TF101
Entries 2304882
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

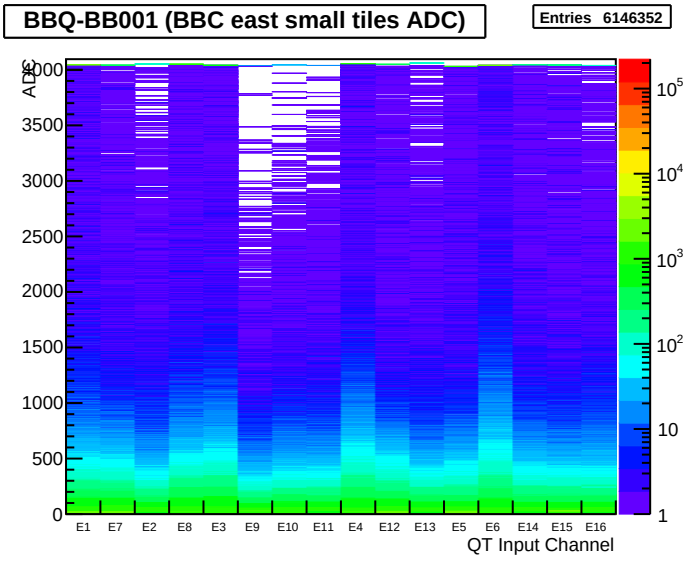

MIX-TF101
Entries 265855
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

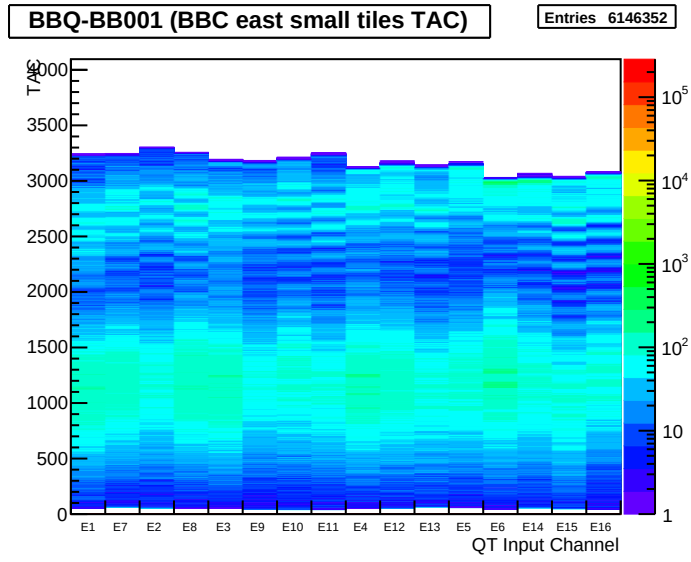

L2-TF201
Entries 384147
TOF total mult

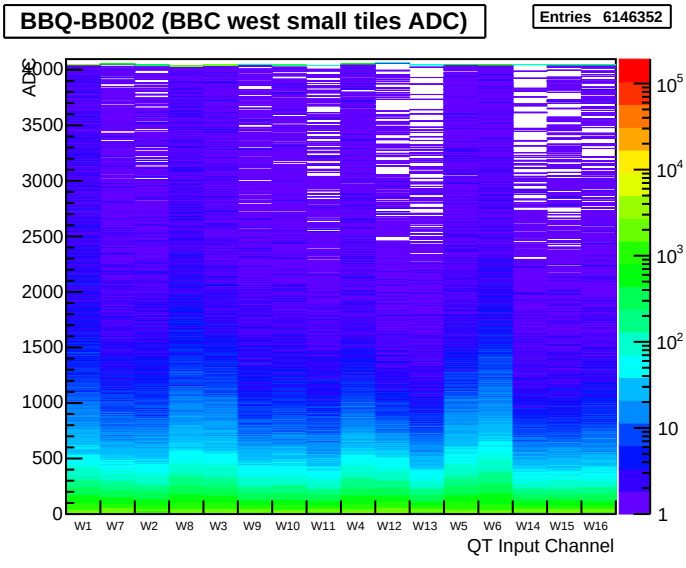

L2-TF201
Entries 0
TOF total mult(Real-Simu)

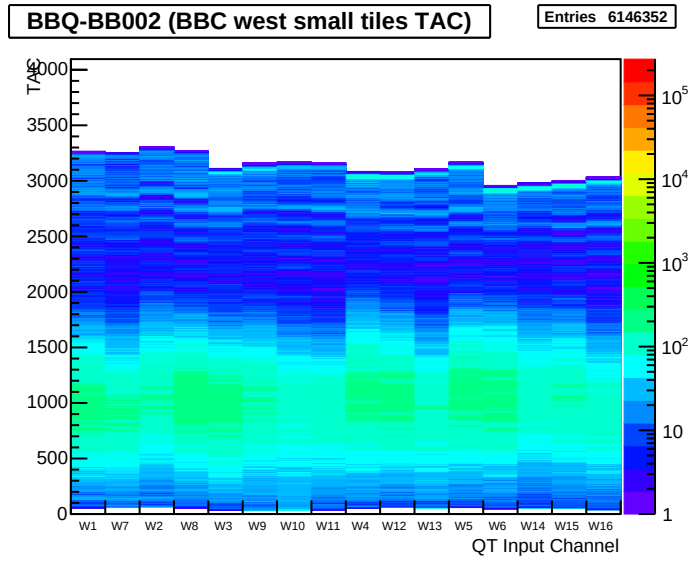

L2-TF201
Entries 2689029
Threshold/UPC bits
339401
341448
338139
341746
338831
336753
367001
44746
42699
46008
42401
45316
47394
17146
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

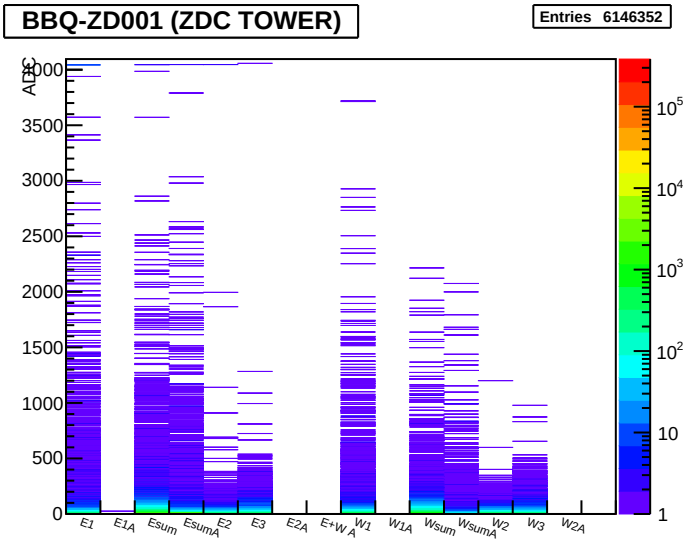

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

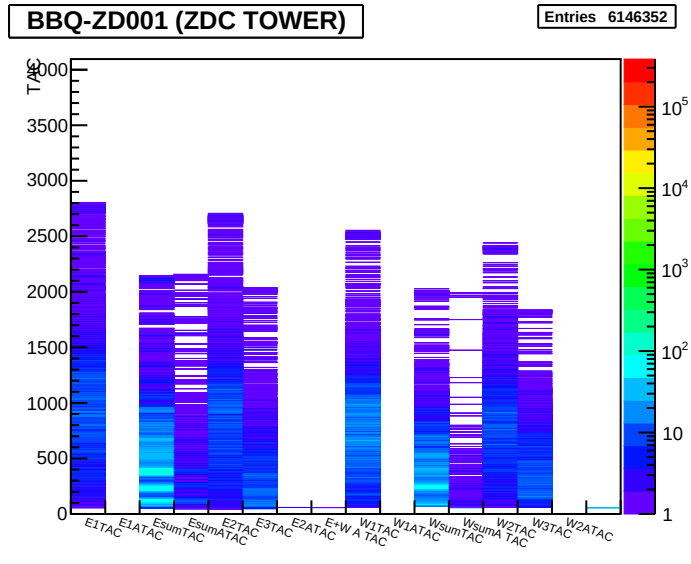

BBQ-BB001 (BBC east small tiles ADC)
Entries 6146352
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

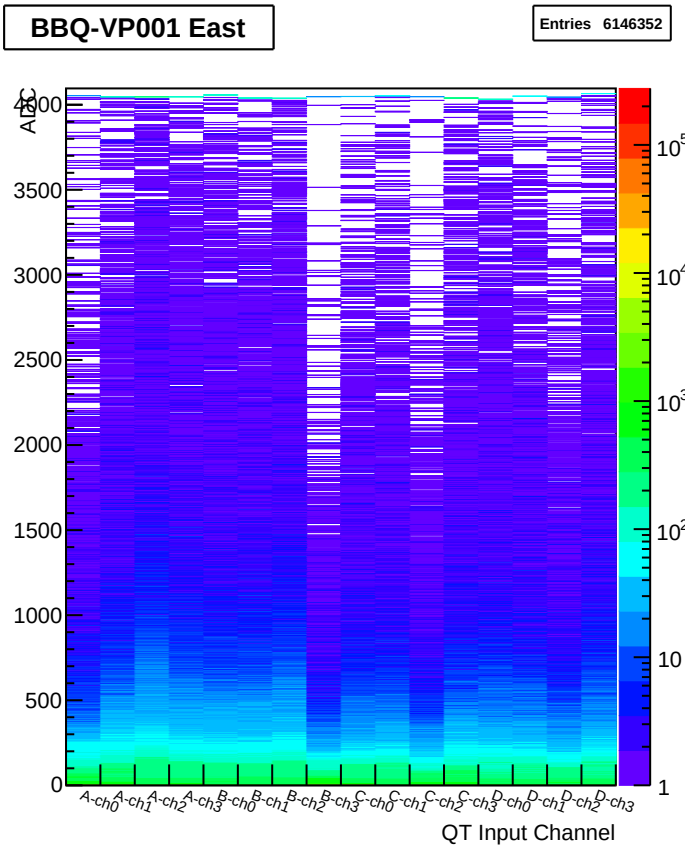

BBQ-BB001 (BBC east small tiles TAC)
Entries 6146352
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

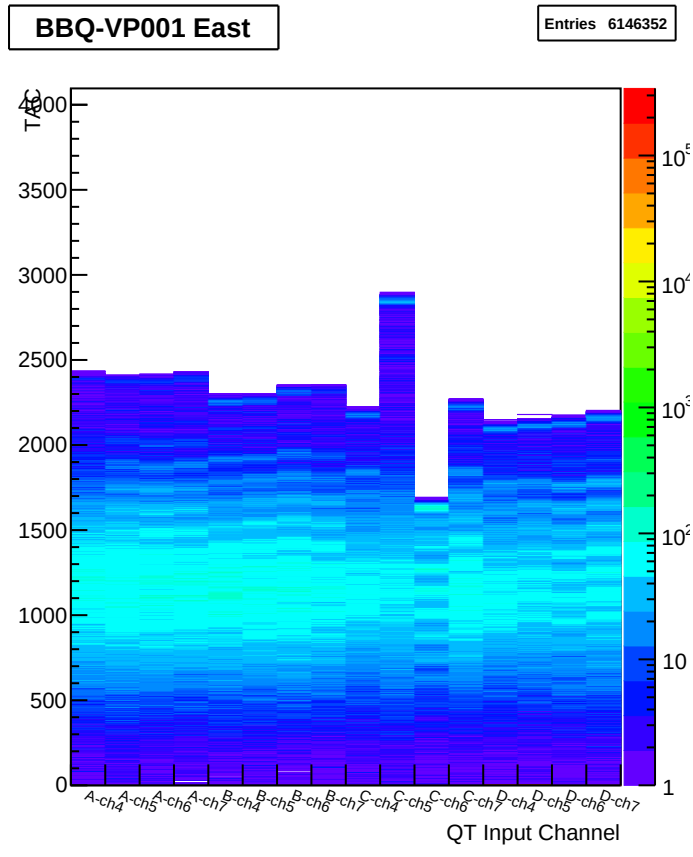

BBQ-BB002 (BBC west small tiles ADC)
Entries 6146352
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

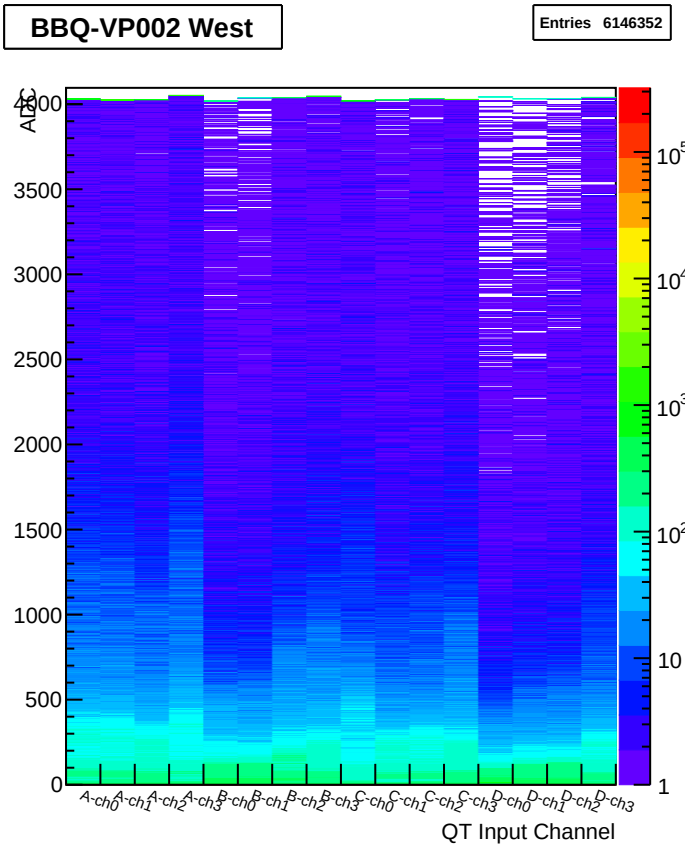

BBQ-BB002 (BBC west small tiles TAC)
Entries 6146352
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

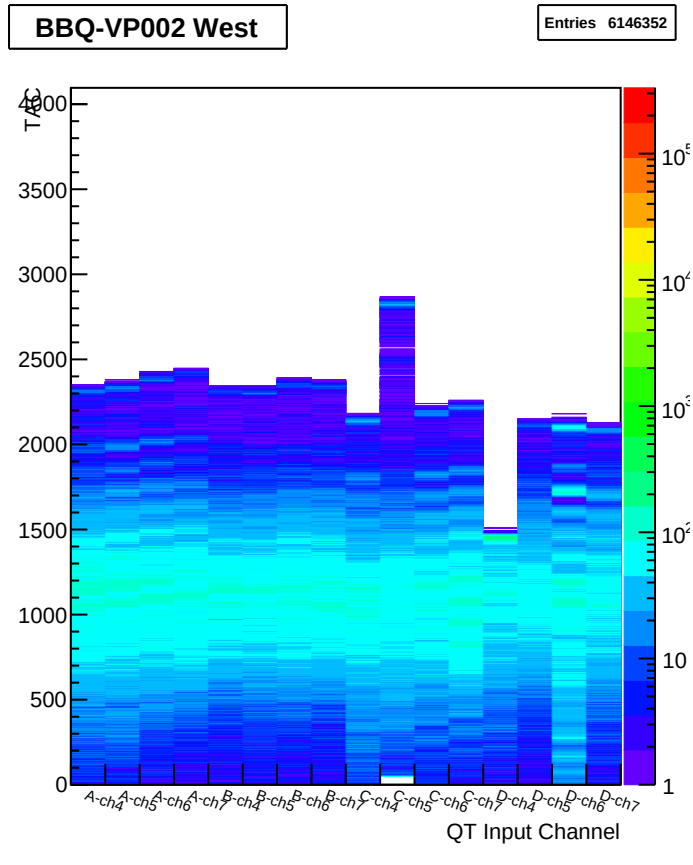

BBQ-ZD001 (ZDC TOWER)
Entries 6146352
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

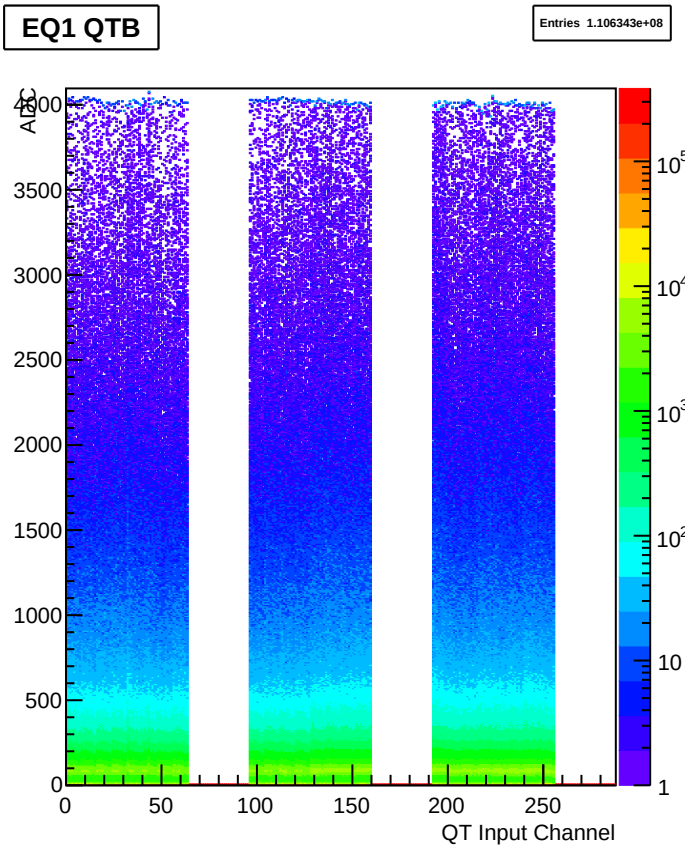

BBQ-ZD001 (ZDC TOWER)
Entries 6146352
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

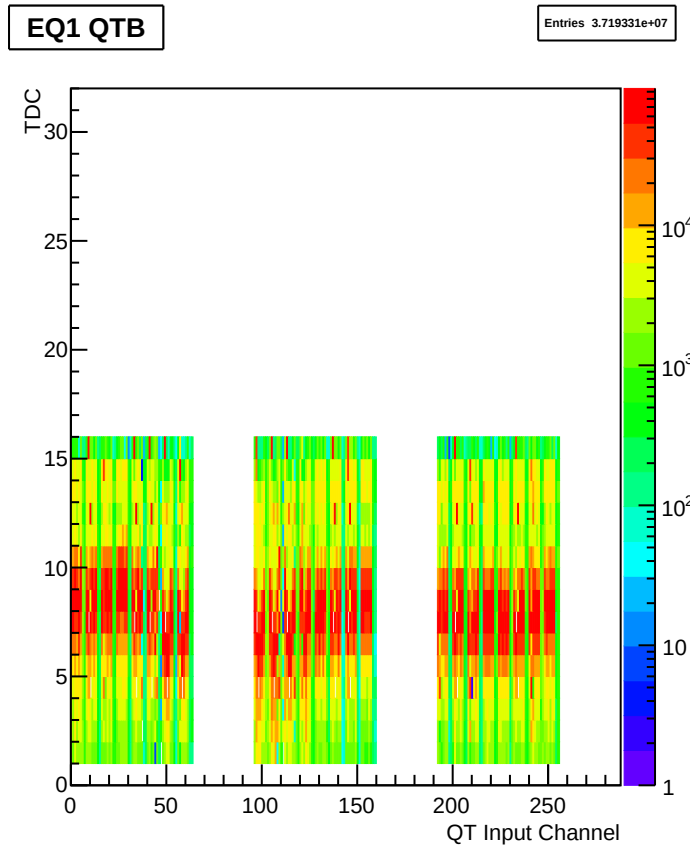

BBQ-VP001 East
Entries 6146352
ADC
QT Input Channel

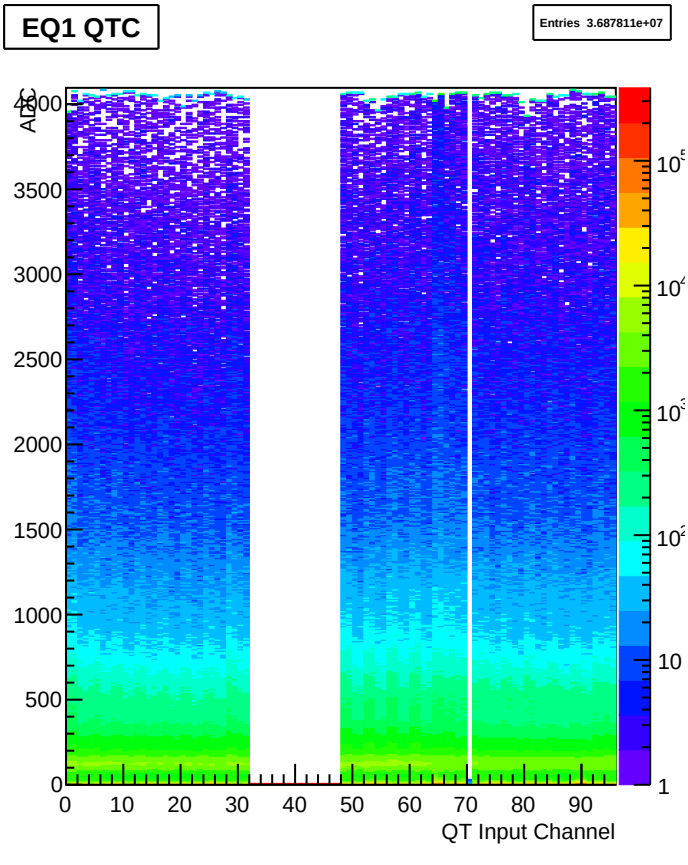

BBQ-VP001 East
Entries 6146352
ADC
QT Input Channel

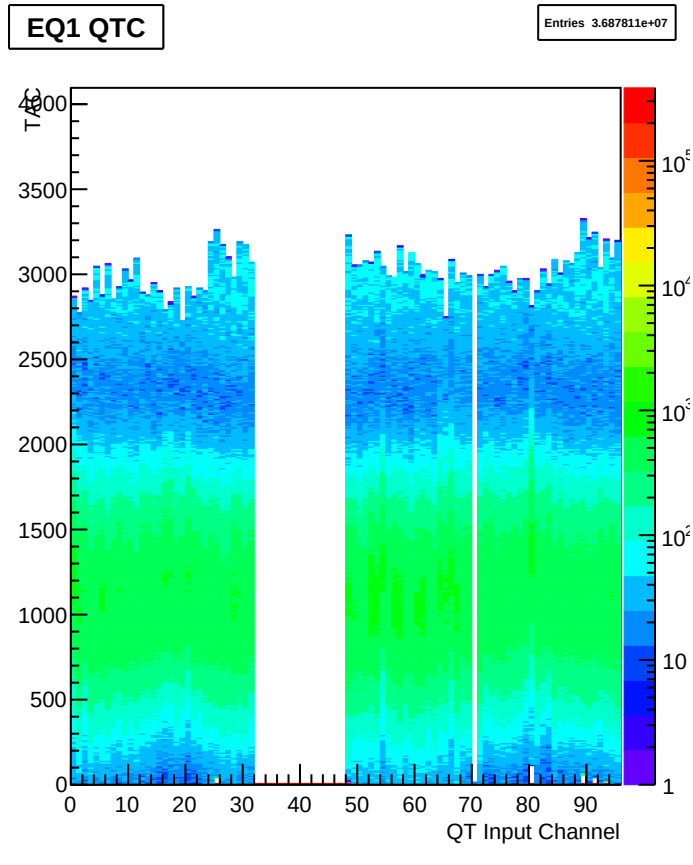

BBQ-VP002 West
Entries 6146352
ADC
QT Input Channel

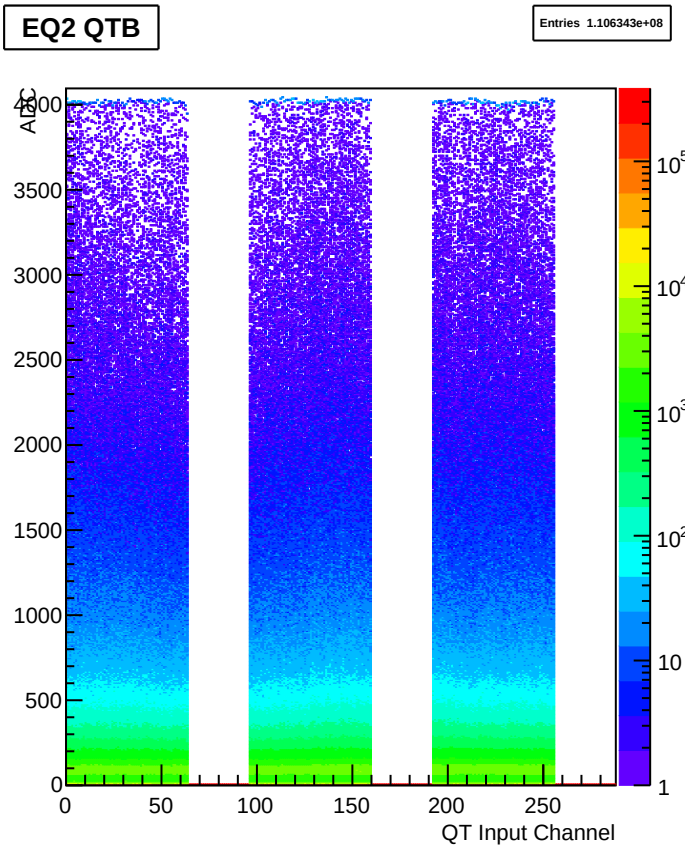

BBQ-VP002 West
Entries 6146352
ADC
QT Input Channel

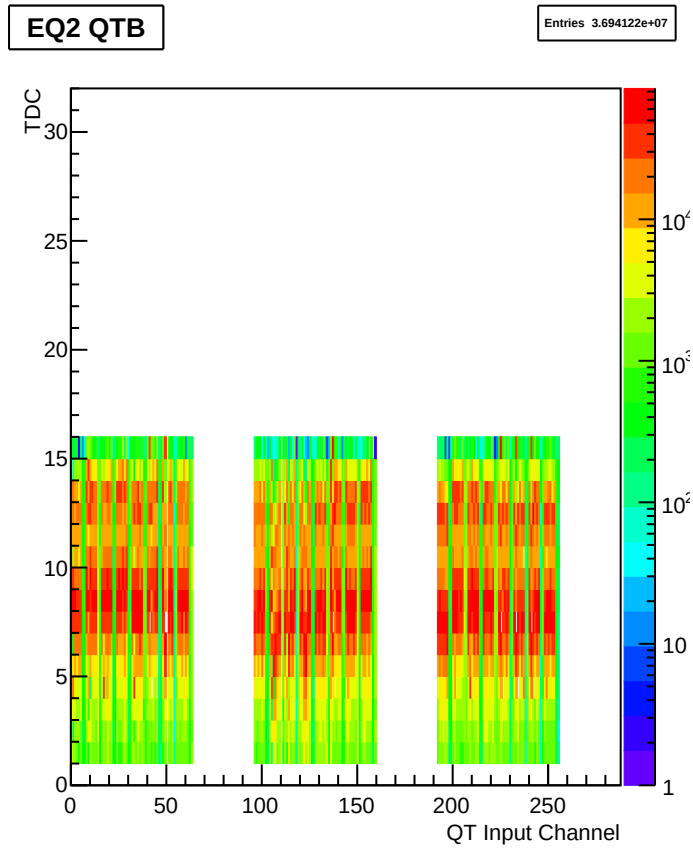

EQ1 QTB
Entries 1.106343e+08
ADC
QT Input Channel

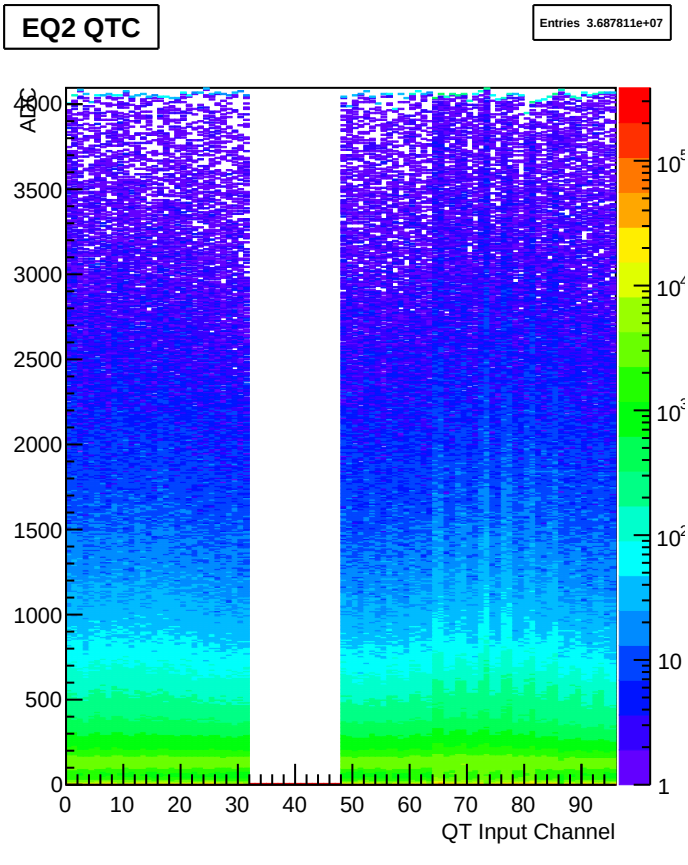

EQ1 QTB
Entries 3.719331e+07
TDC
QT Input Channel

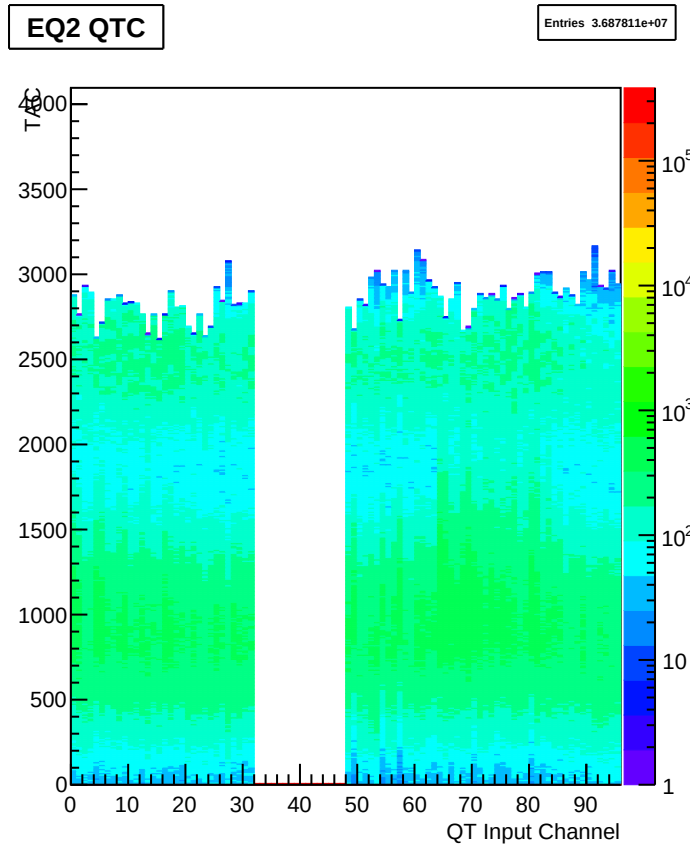

EQ1 QTC
Entries 3.687811e+07
ADC
QT Input Channel

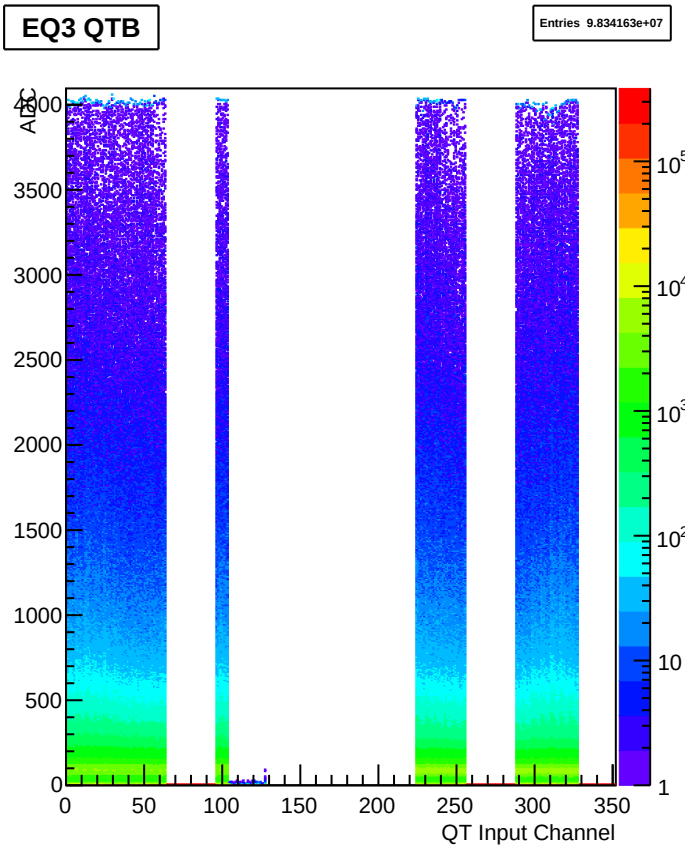

EQ1 QTC
Entries 3.687811e+07
TADC
QT Input Channel

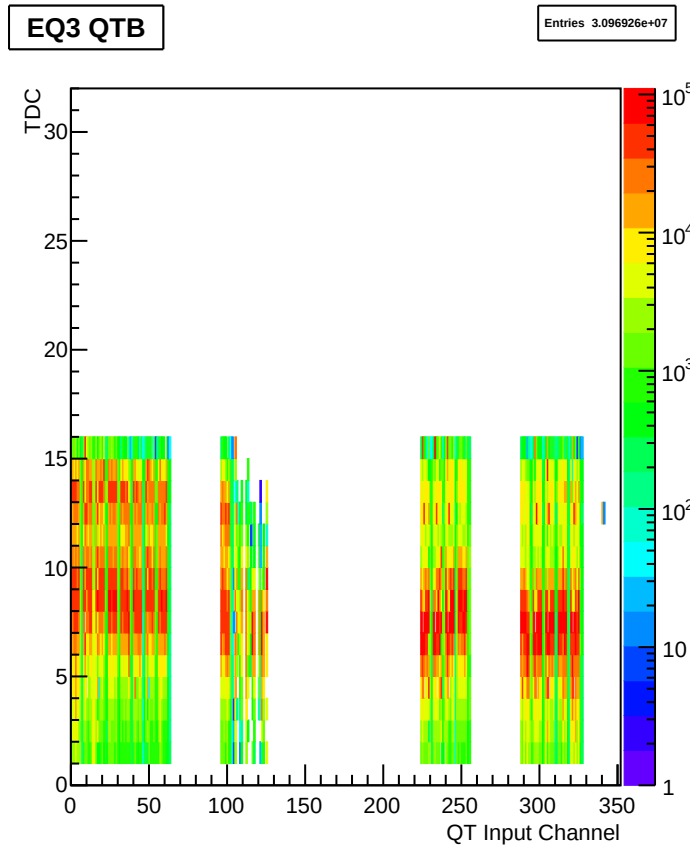

EQ2 QTB
Entries 1.106343e+08
ADC
QT Input Channel

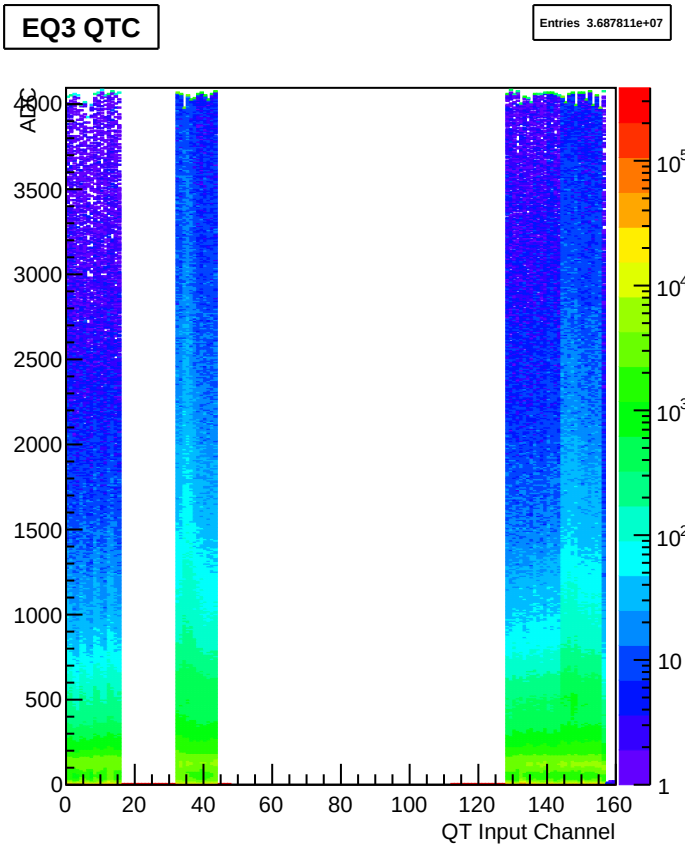

EQ2 QTB
Entries 3.694122e+07
TDC
QT Input Channel

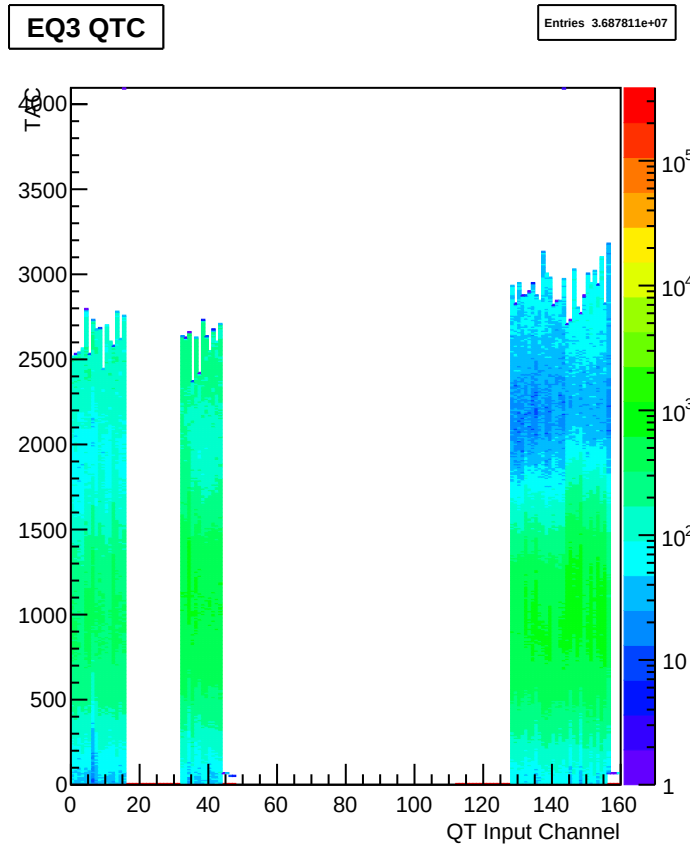

EQ2 QTC
Entries 3.687811e+07
ADC
QT Input Channel

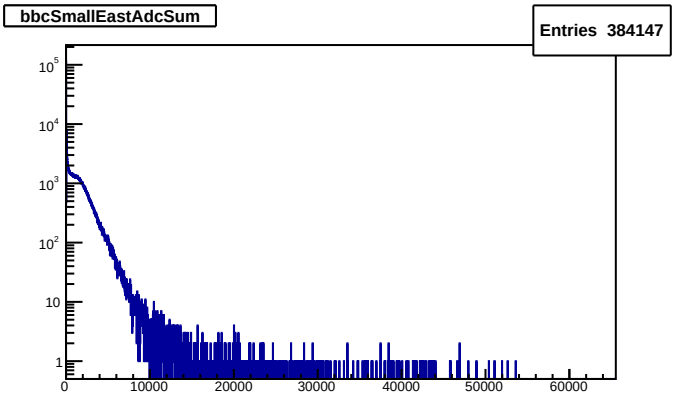

EQ2 QTC
Entries 3.687811e+07
TADC
QT Input Channel

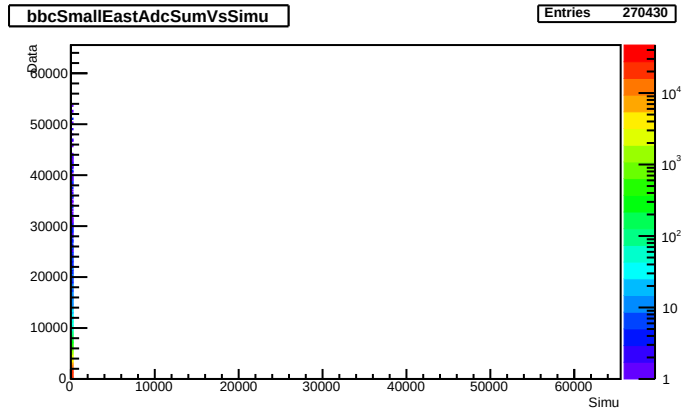

EQ3 QTB
Entries 9.834163e+07
ADC
QT Input Channel

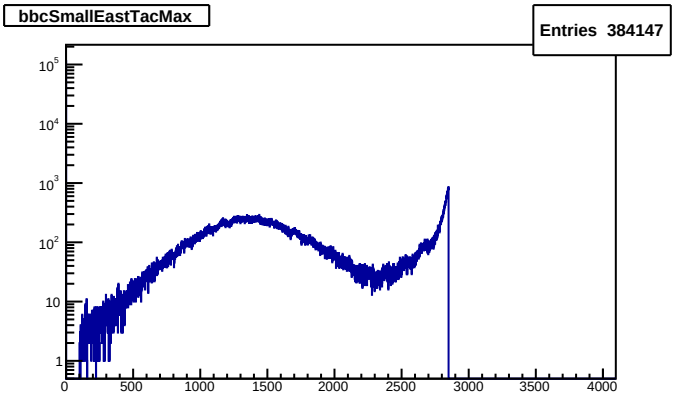

EQ3 QTB
Entries 3.096926e+07
TDC
QT Input Channel

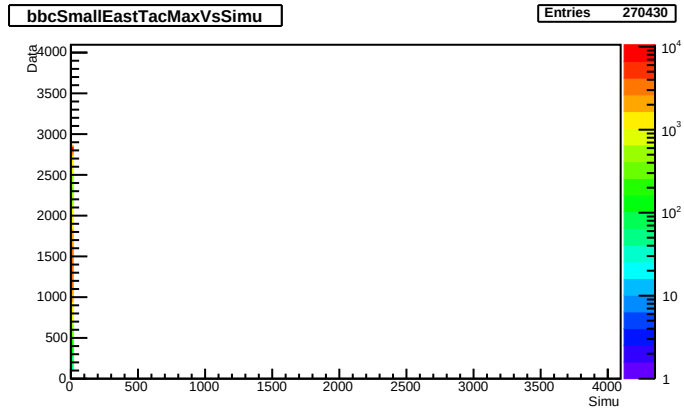

EQ3 QTC
Entries 3.687811e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.687811e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 384147


bbcSmallEastAdcSumVsSimu
Entries 270430
Data
Simu


bbcSmallEastTacMax
Entries 384147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Entries 270430
Data
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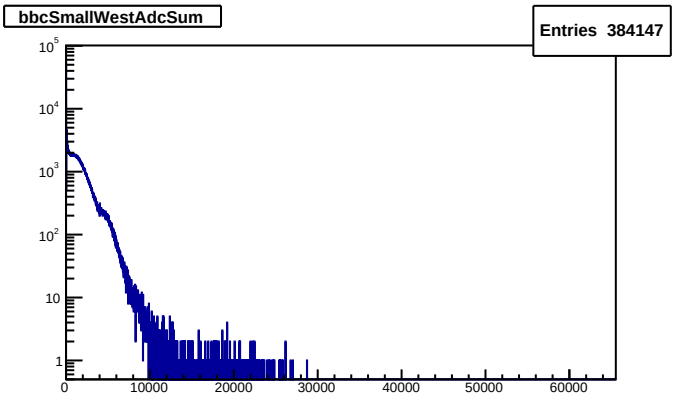
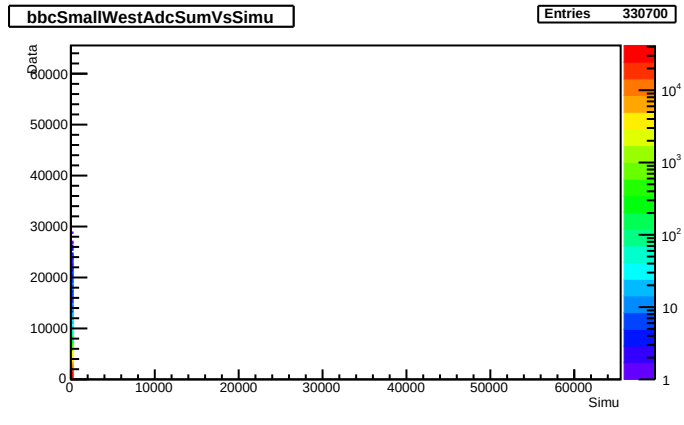

bbcSmallWestAdcSum
Entries 384147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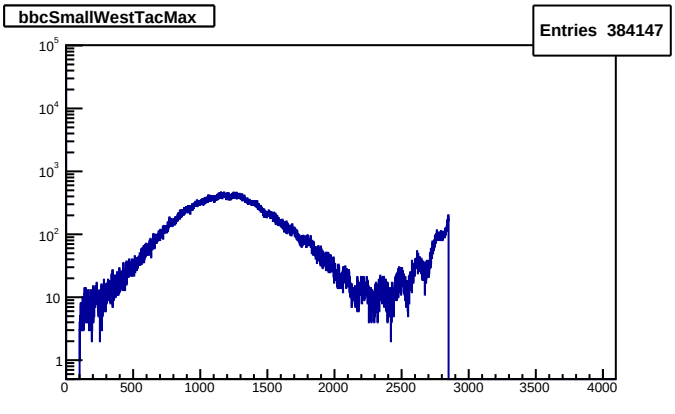
Entries 330700
Data
Simu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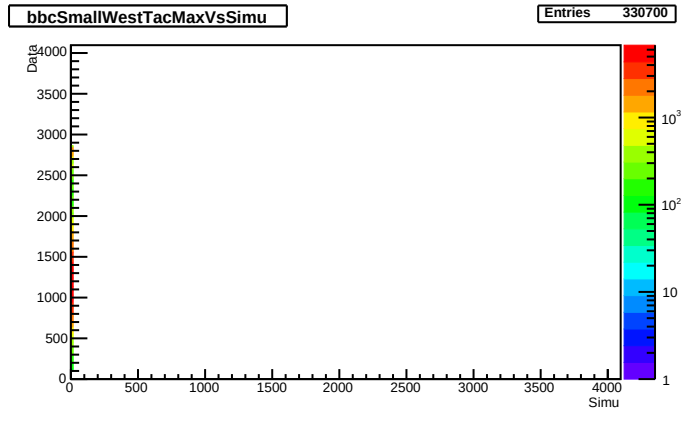
Entries 384147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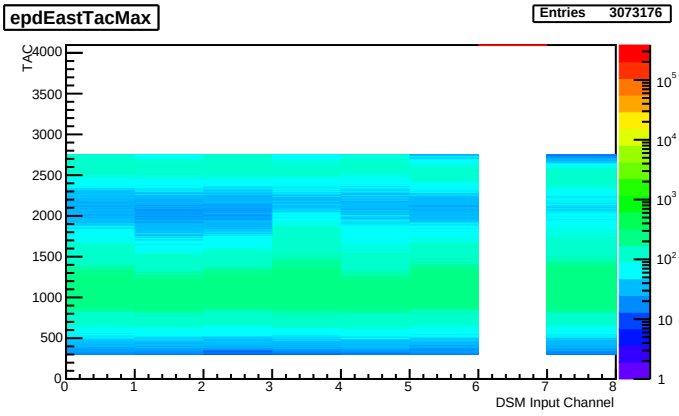
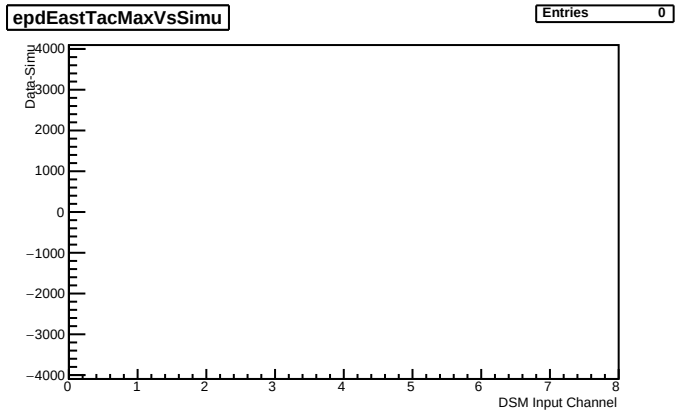
Entries 330700
Data
Simu


epdEastTacMax
Entries 3073176
TAC
DSM Input Channel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Data-Simu
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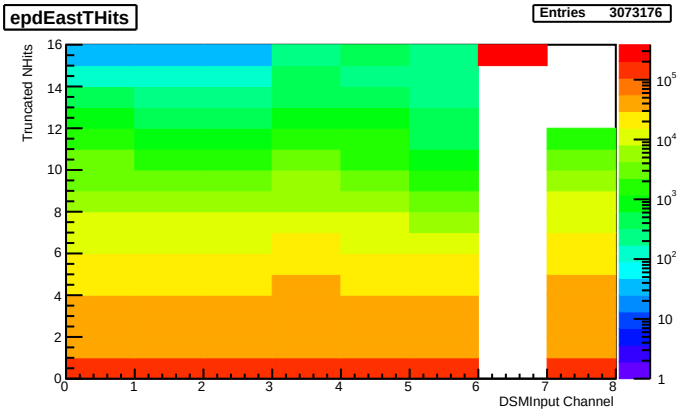
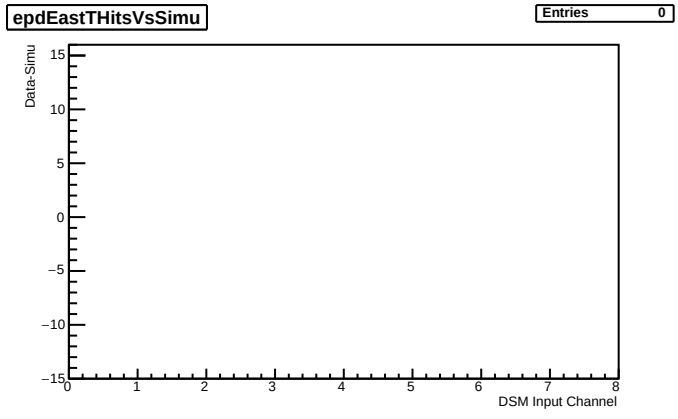

epdEastTHits
Entries 3073176
Truncated NHits
DSMInput Channel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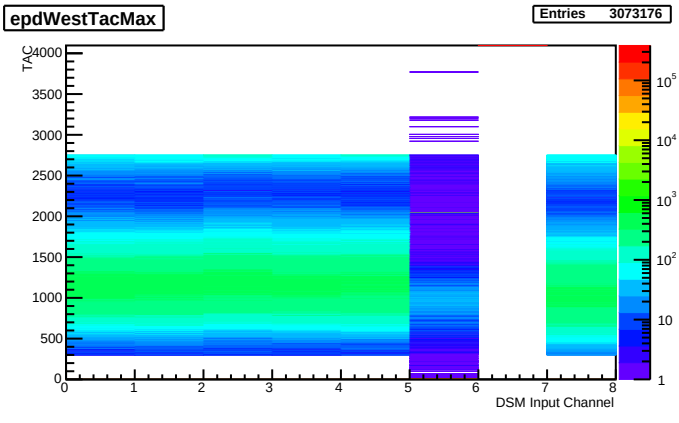
Data-Simu
DSM Input Channel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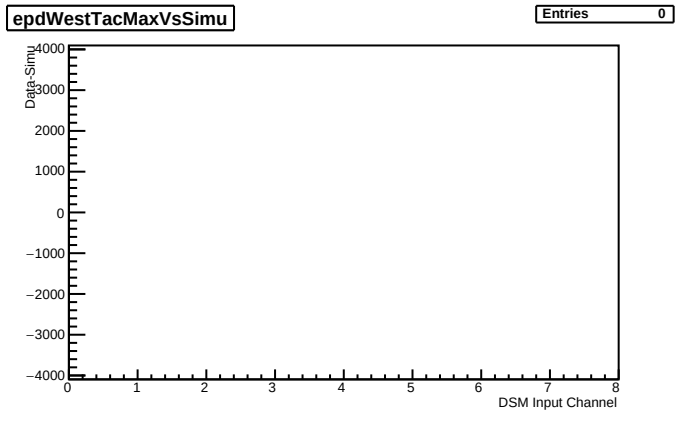
Entries 3073176
TAC
DSM Input Channel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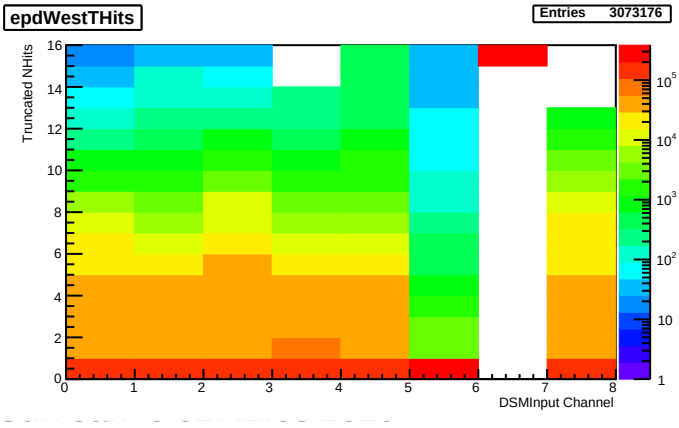
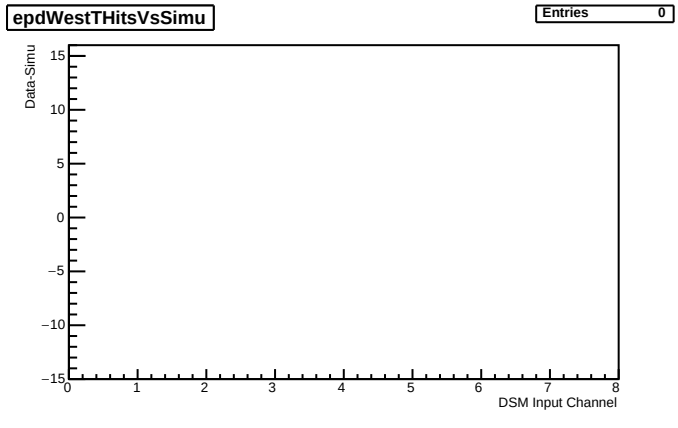
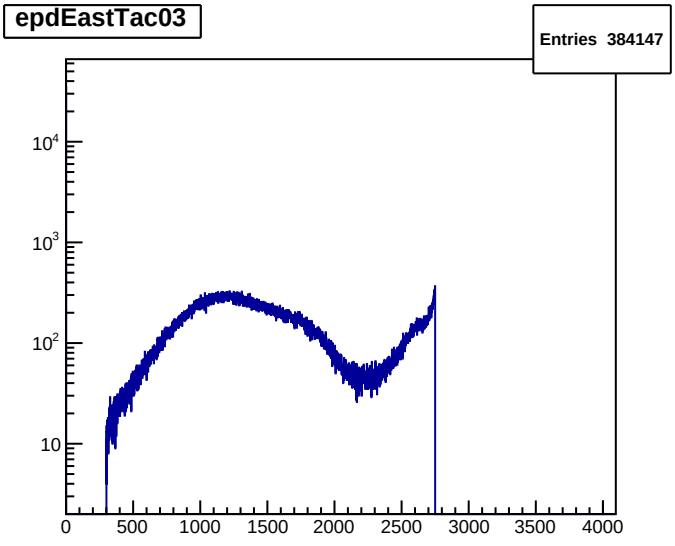
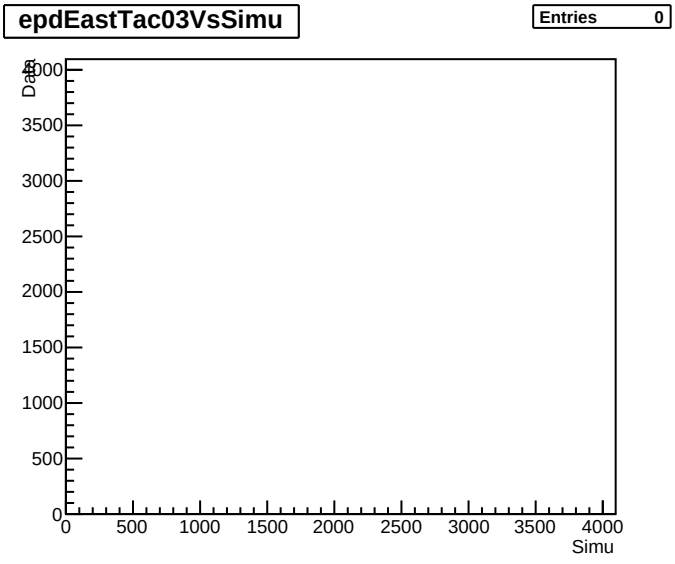
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3073176
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 384147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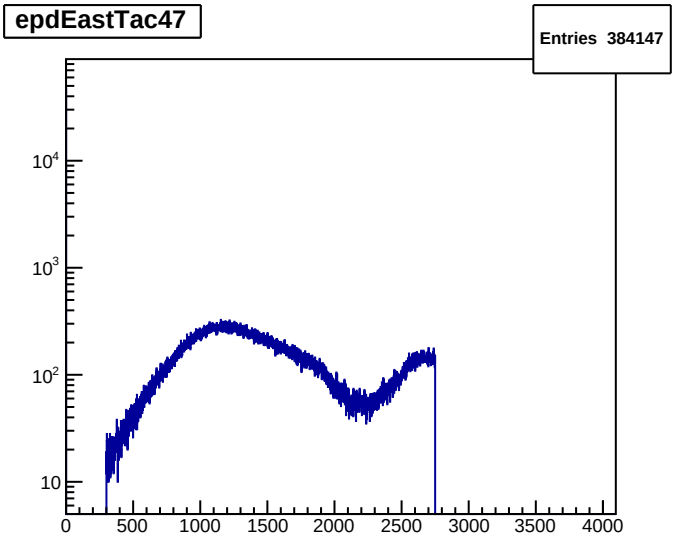
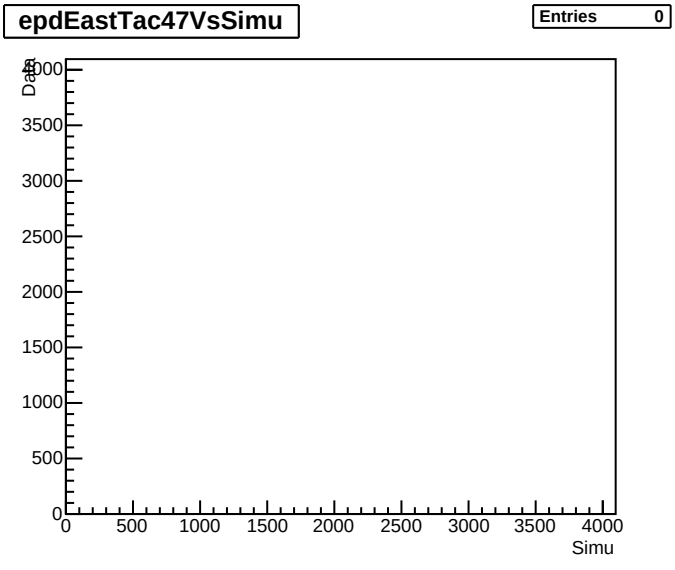
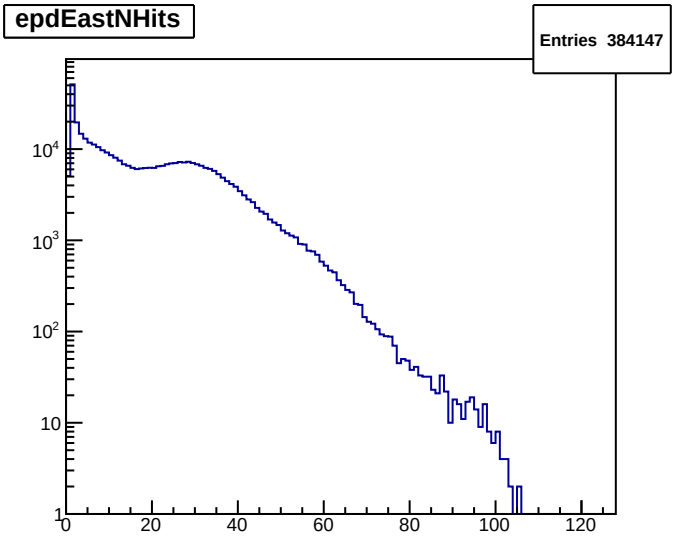
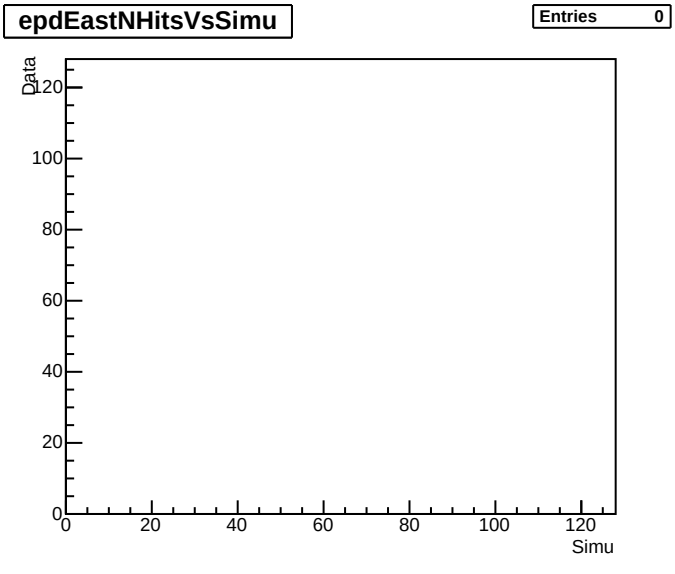
Entries 0
Data
Simu


epdEastTac47
Entries 384147


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 384147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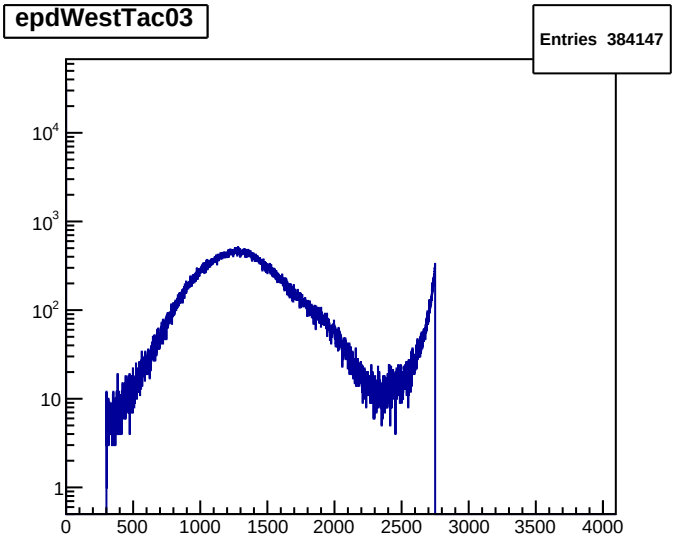
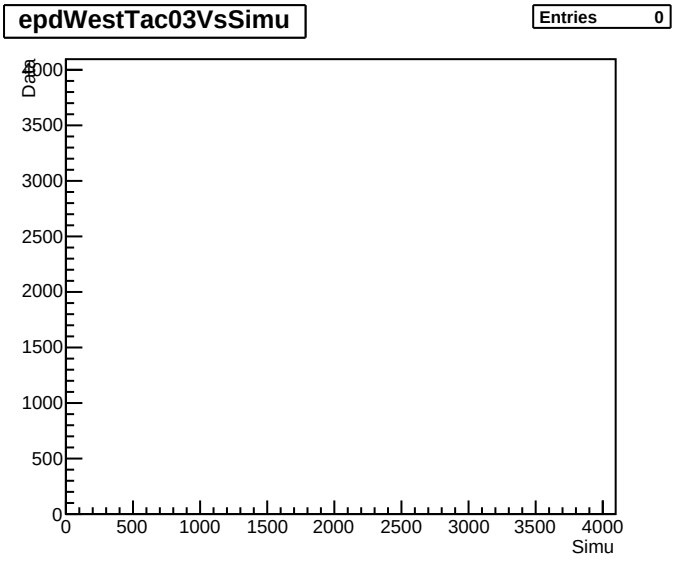
Entries 0
Data
Simu


epdWestTac03
Entries 384147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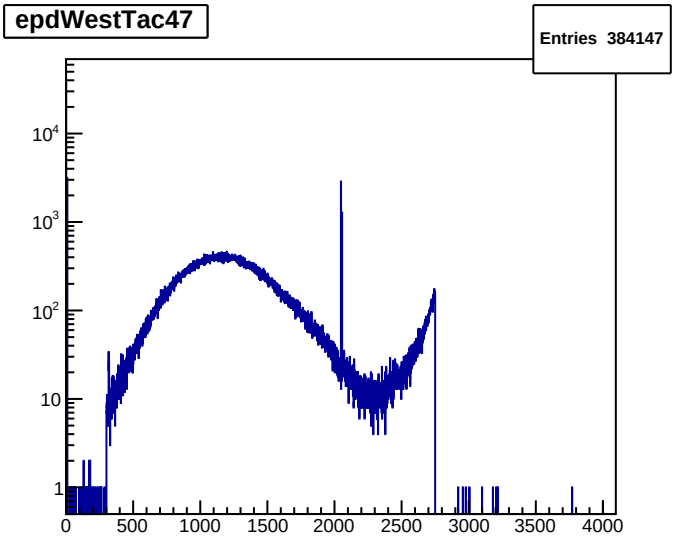
Entries 0
Data
Simu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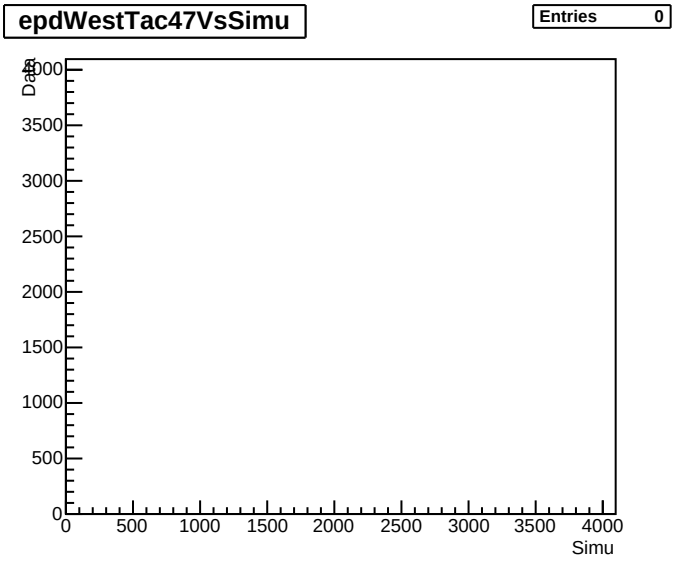
Entries 384147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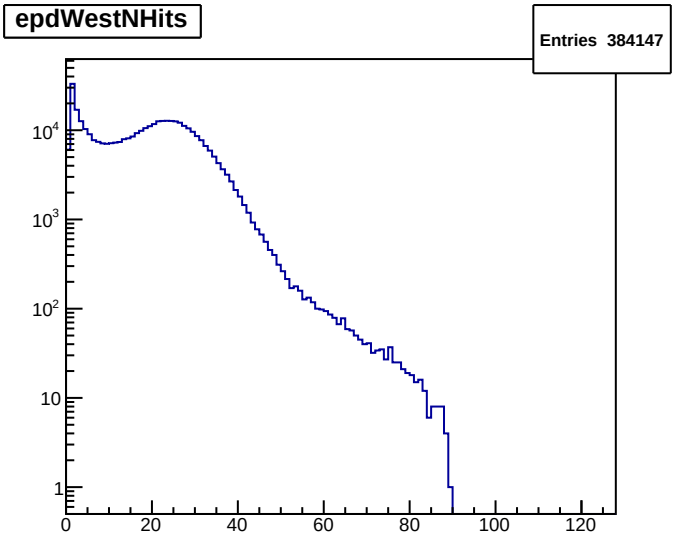
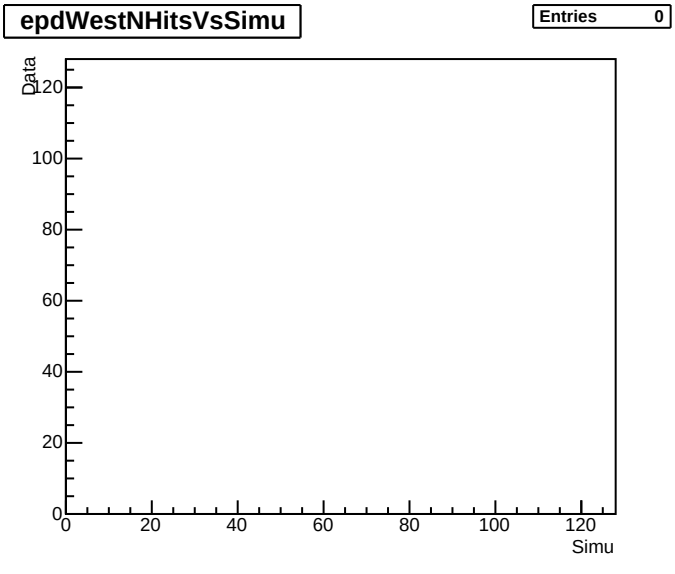
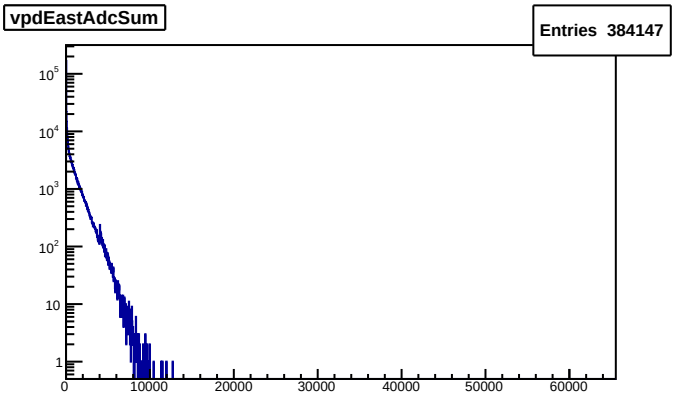
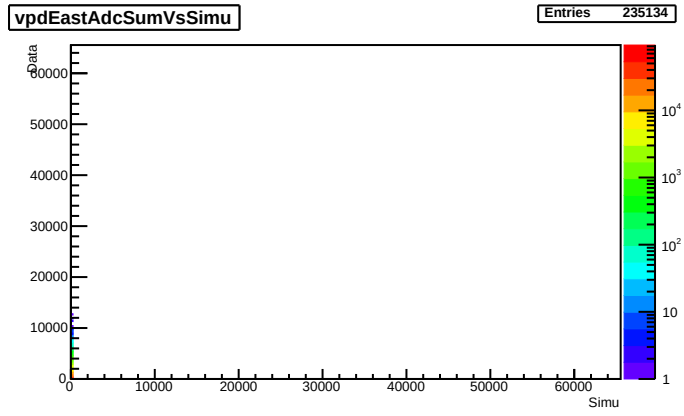
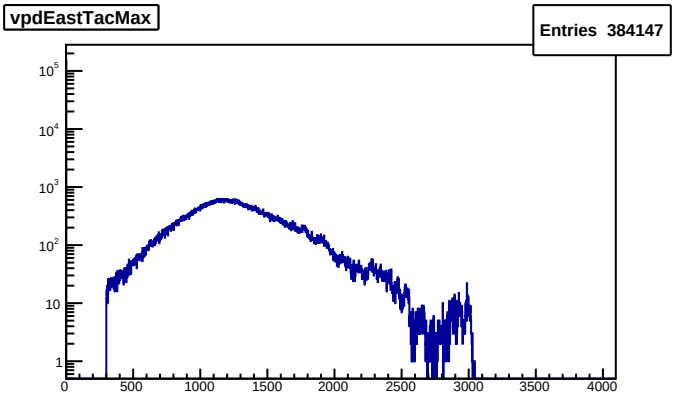
Entries 0
Data
Simu

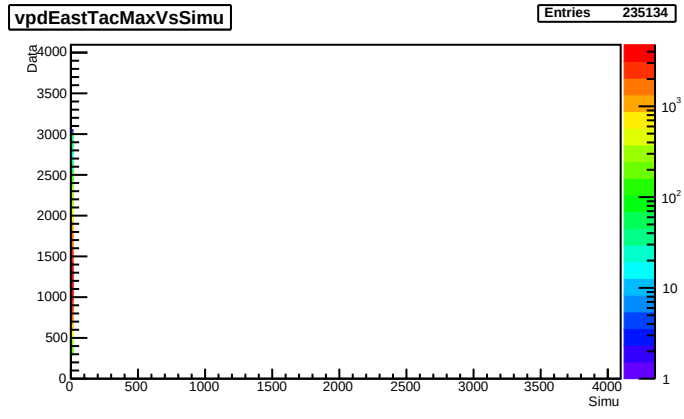

epdWestNHits
Entries 384147

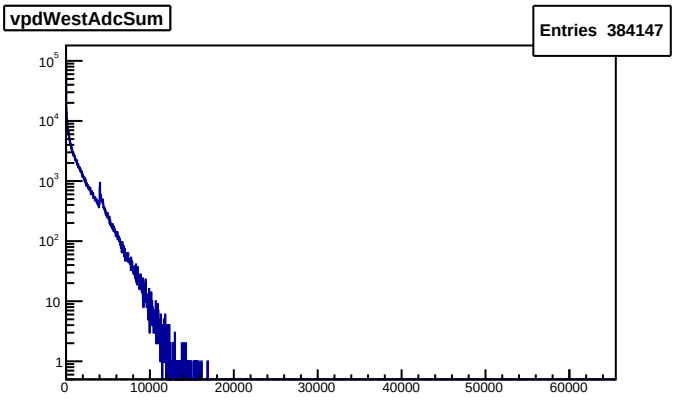

epdWestNHitsVsSimu
Entries 0
Data
Simu

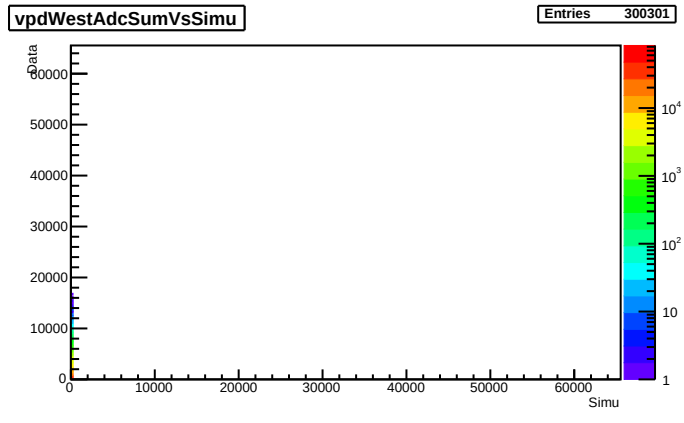

vpdEastAdcSum
Entries 384147

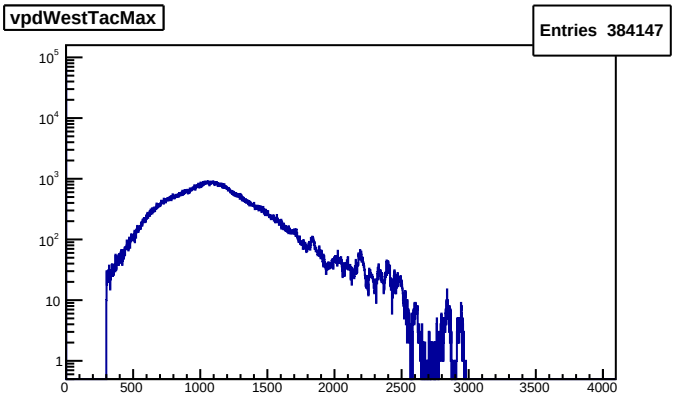

vpdEastAdcSumVsSimu
Entries 235134
Data
Simu

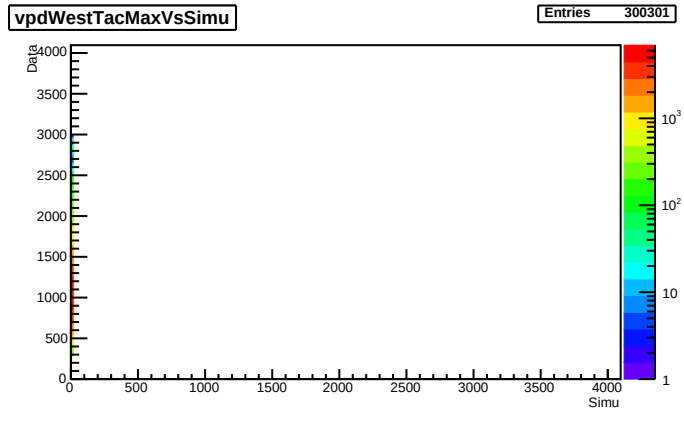

vpdEastTacMax
Entries 384147

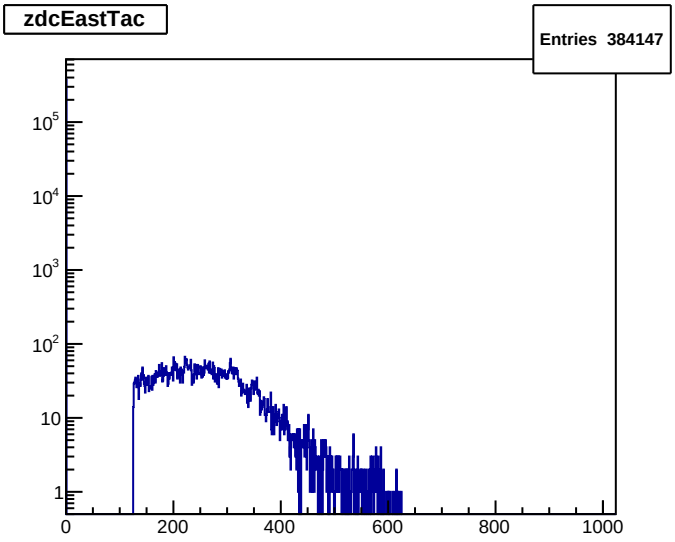

vpdEastTacMaxVsSimu
Entries 235134
Data
Simu

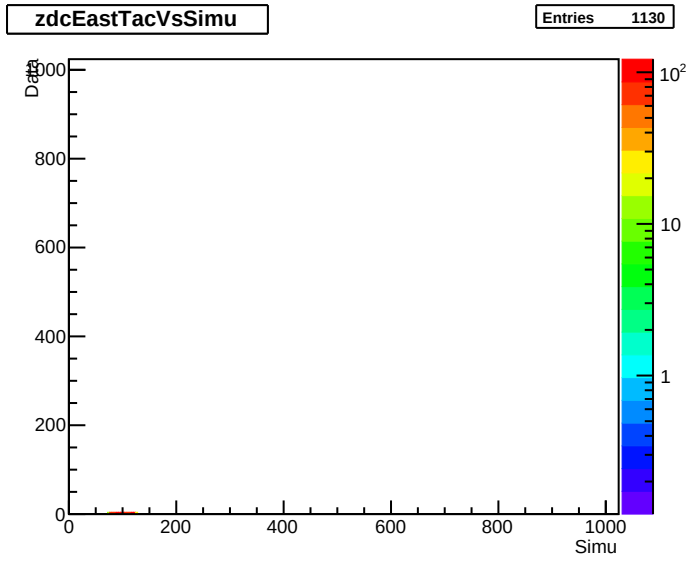

vpdWestAdcSum
Entries 384147

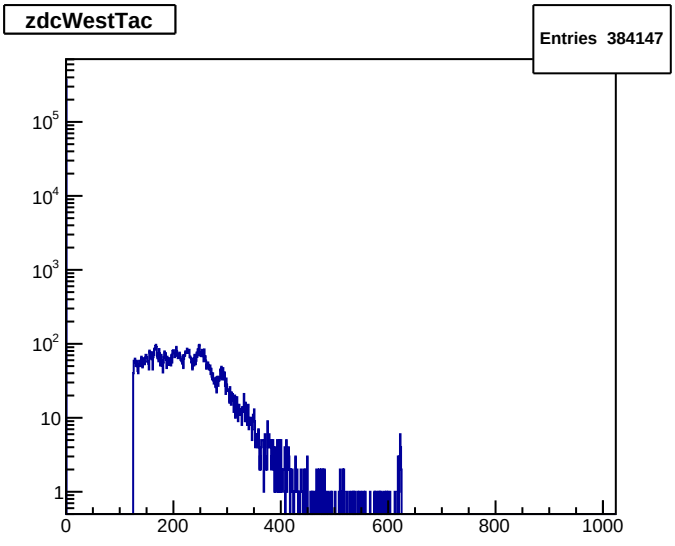

vpdWestAdcSumVsSimu
Entries 300301
Data
Simu

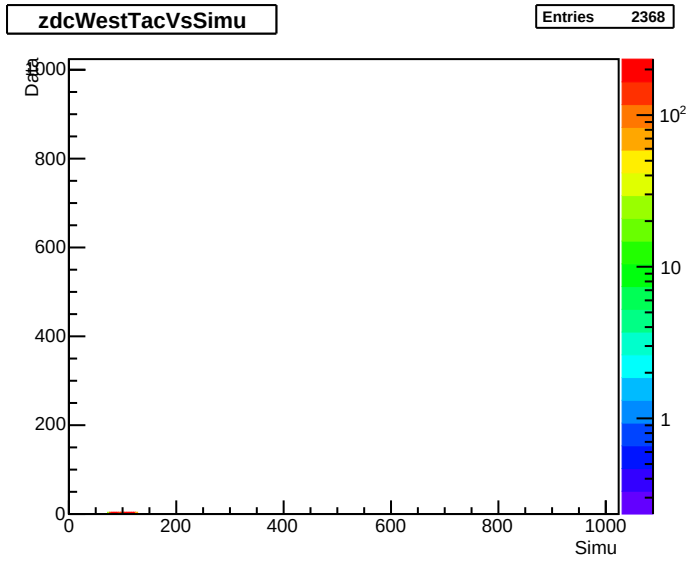

vpdWestTacMax
Entries 384147

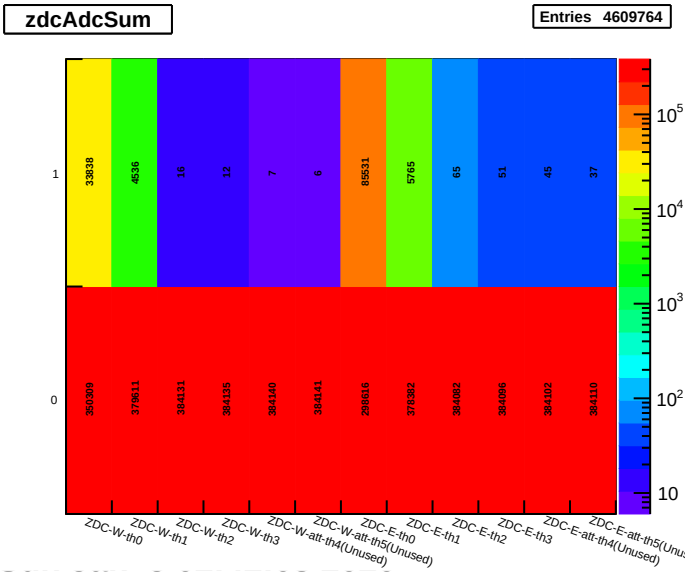

vpdWestTacMaxVsSimu
Entries 300301
Data
Simu

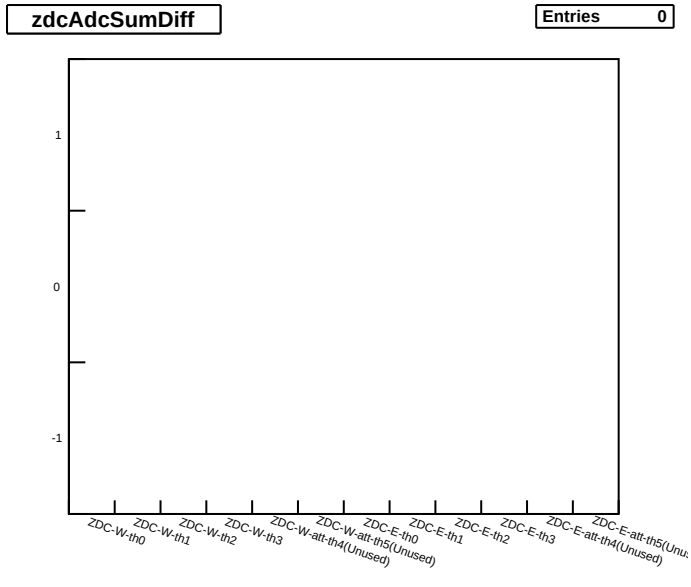

zdcEastTac
Entries 384147

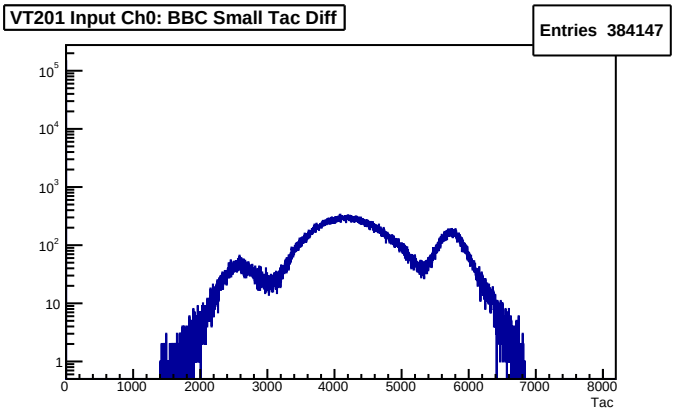

zdcEastTacVsSimu
Entries 1130
Data
Simu

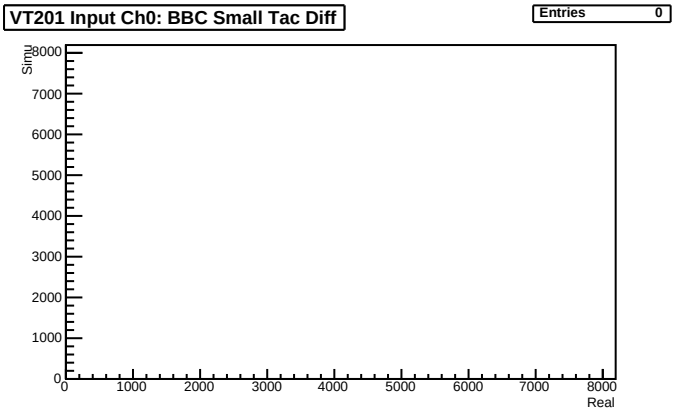

zdcWestTac
Entries 384147

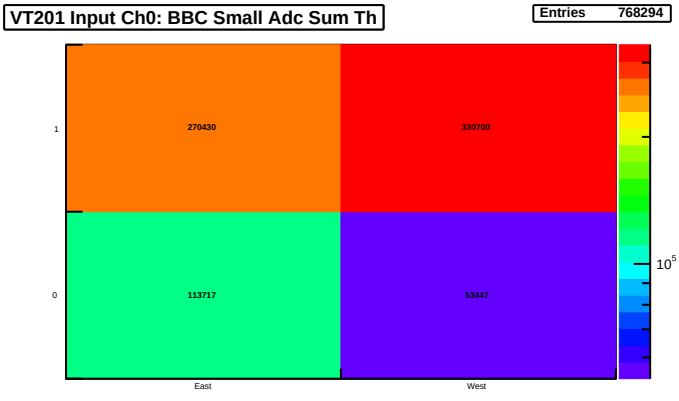

zdcWestTacVsSimu
Entries 2368
Data
Simu

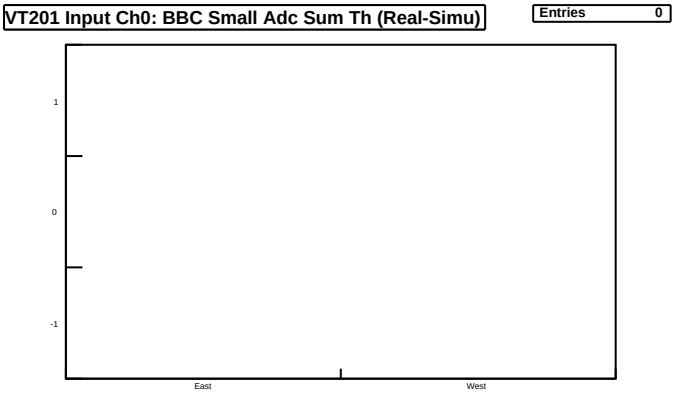

zdcAdcSum
Entries 4609764
33838
4536
16
12
7
6
85531
5765
65
51
45
37
350309
379611
384131
384135
384140
384141
298616
378382
384082
384096
384102
384110
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

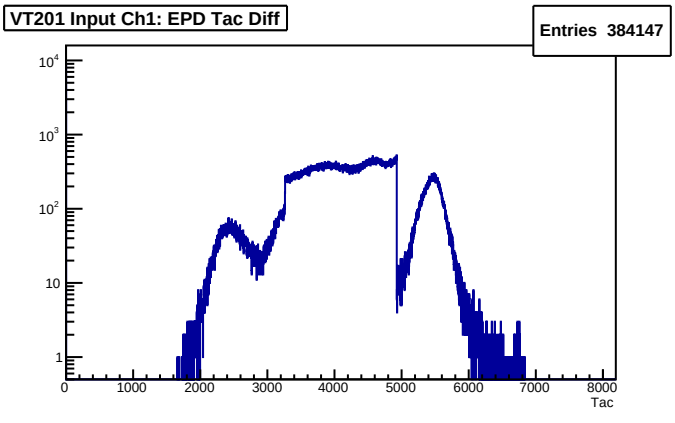

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

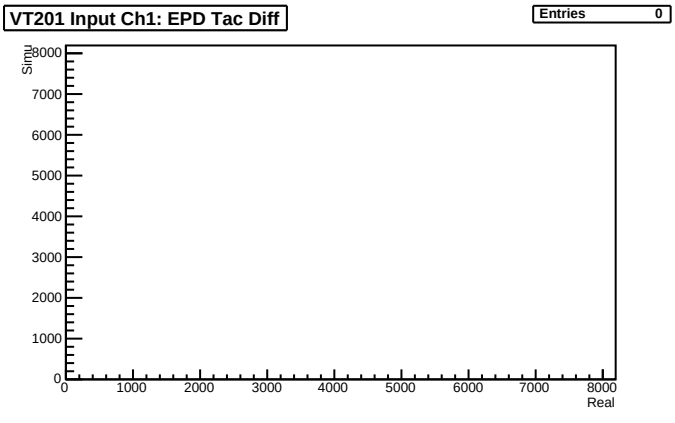

VT201 Input Ch0: BBC Small Tac Diff
Entries 384147
Tac

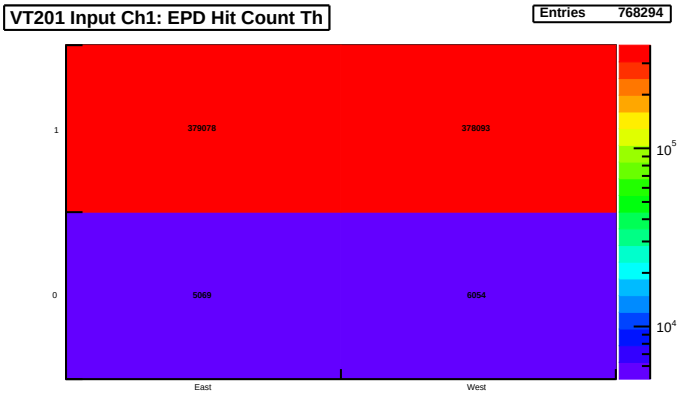

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

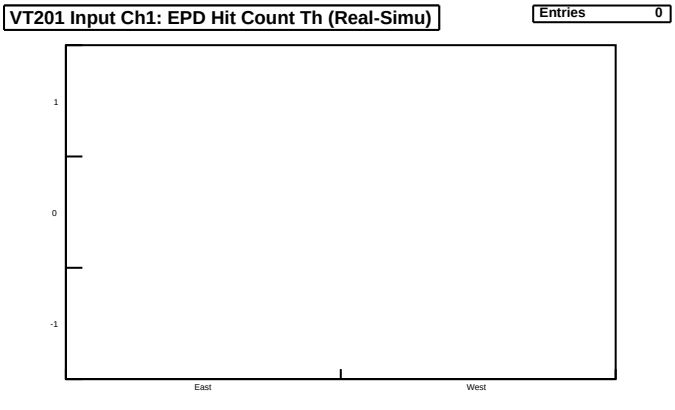

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 768294
270430
330700
113717
53447
East
West

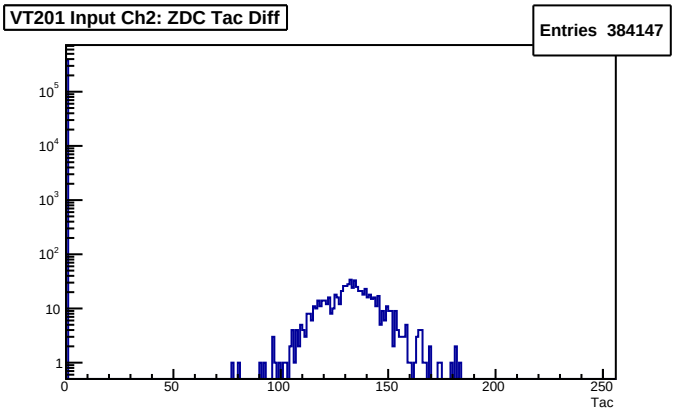

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

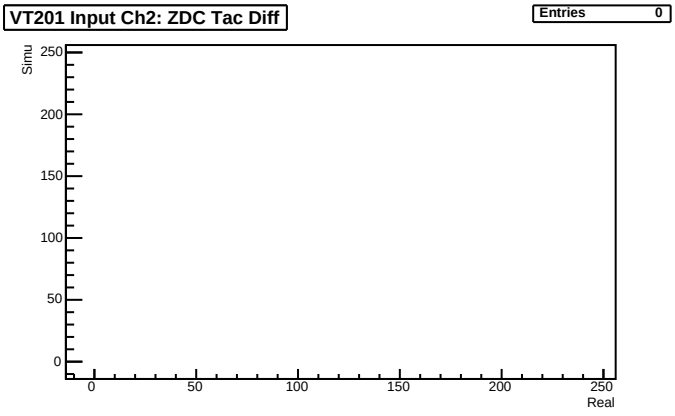

VT201 Input Ch1: EPD Tac Diff
Entries 384147
Tac

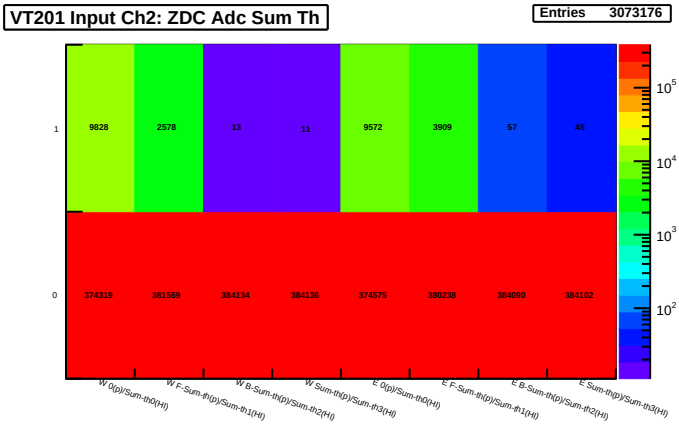

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

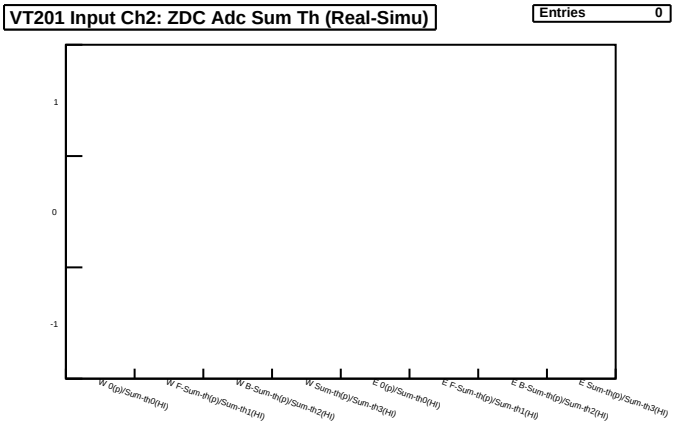

VT201 Input Ch1: EPD Hit Count Th
Entries 768294
379078
378093
5069
6054
East
West

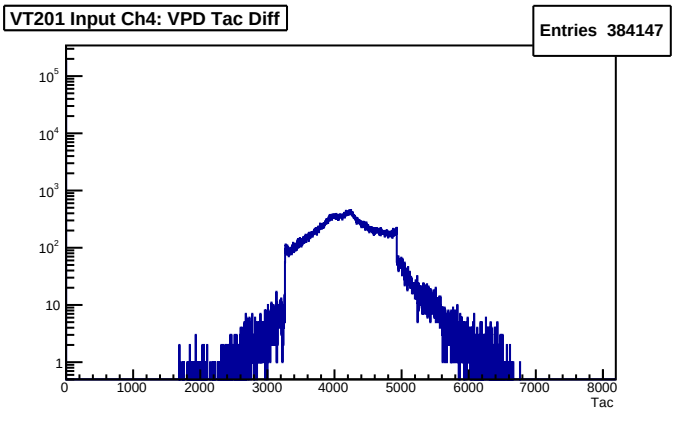

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

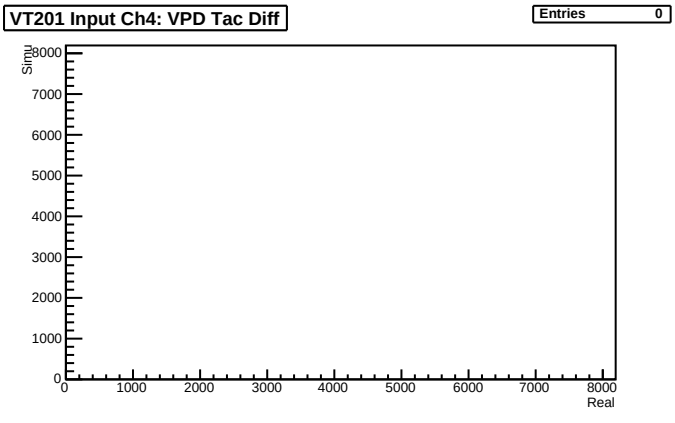

VT201 Input Ch2: ZDC Tac Diff
Entries 384147
Tac

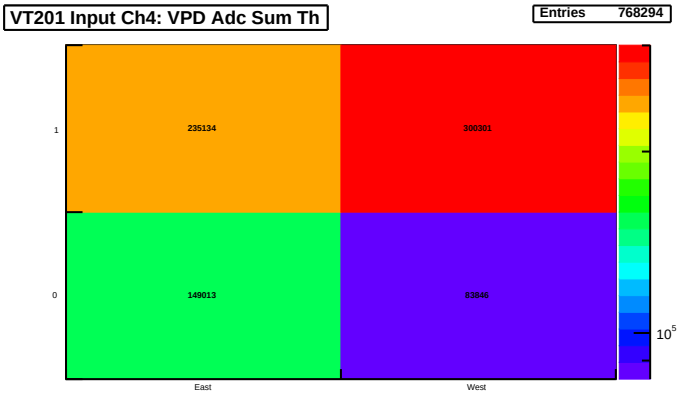

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

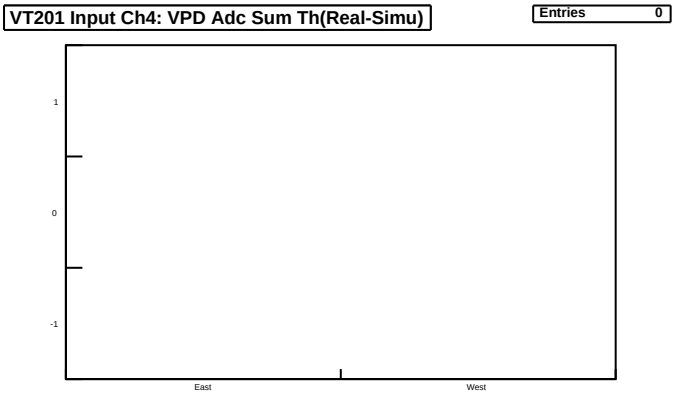

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3073176
9828
2578
13
11
9572
3909
57
45
374319
381569
384134
384136
374575
380238
384090
384102
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

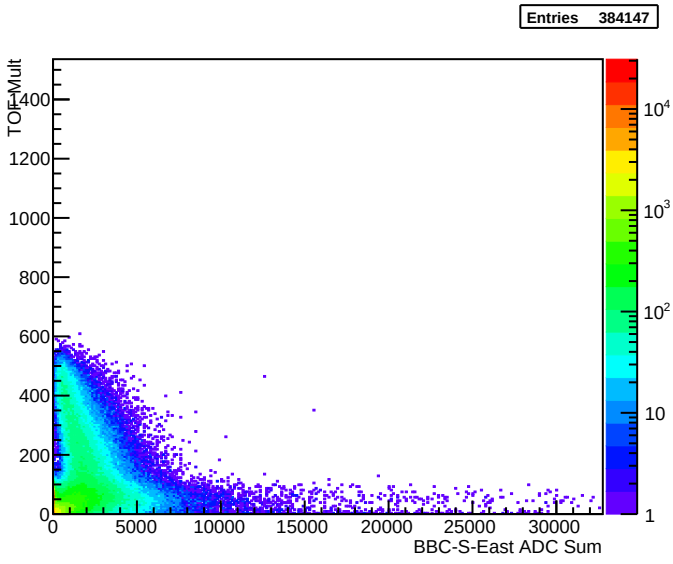

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

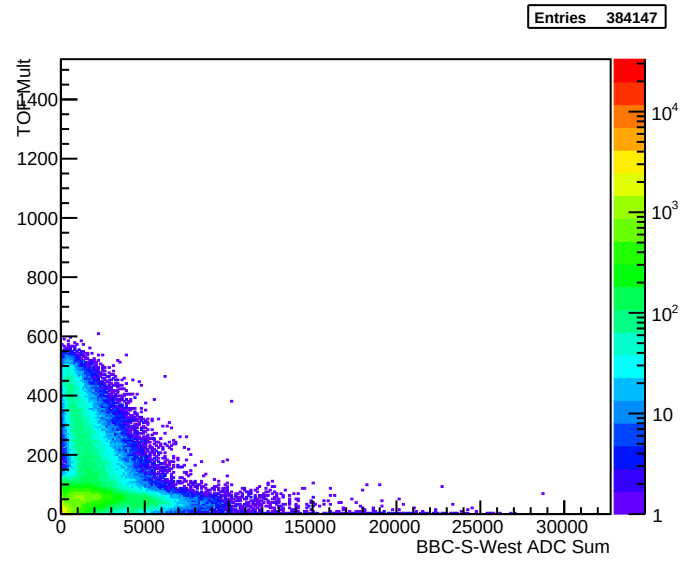

VT201 Input Ch4: VPD Tac Diff
Entries 384147
Tac

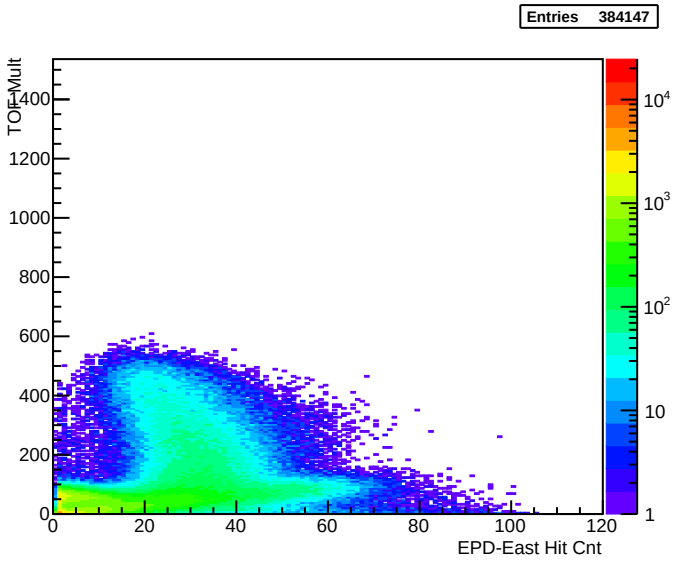

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

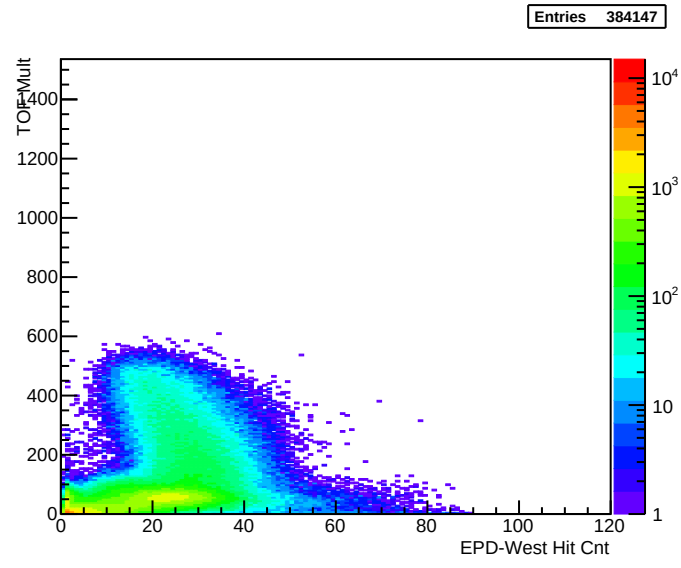

VT201 Input Ch4: VPD Adc Sum Th
Entries 768294
235134
300301
149013
83846
East
West

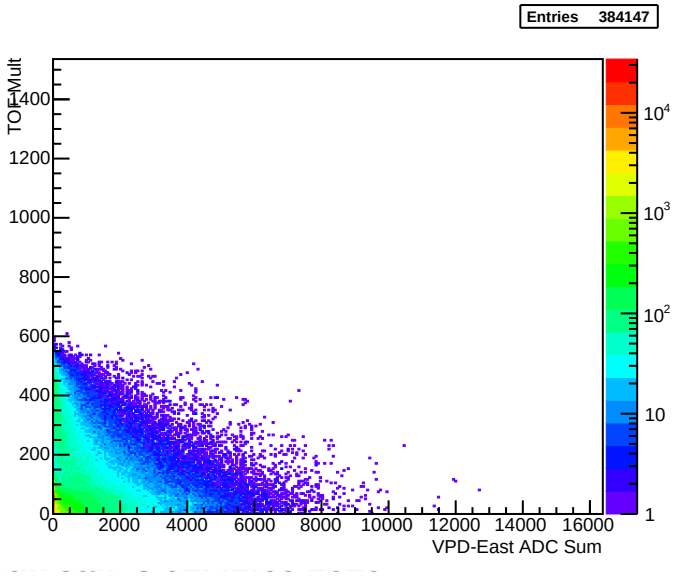

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

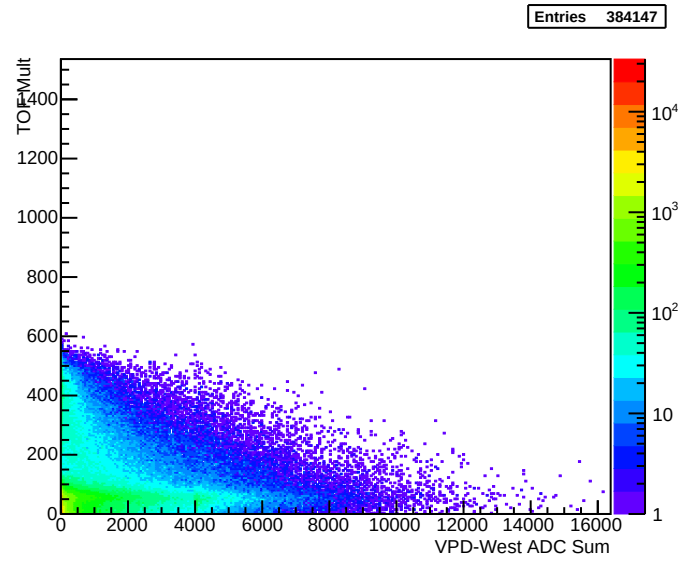

Entries 384147
TOF-Mult
BBC-S-East ADC Sum

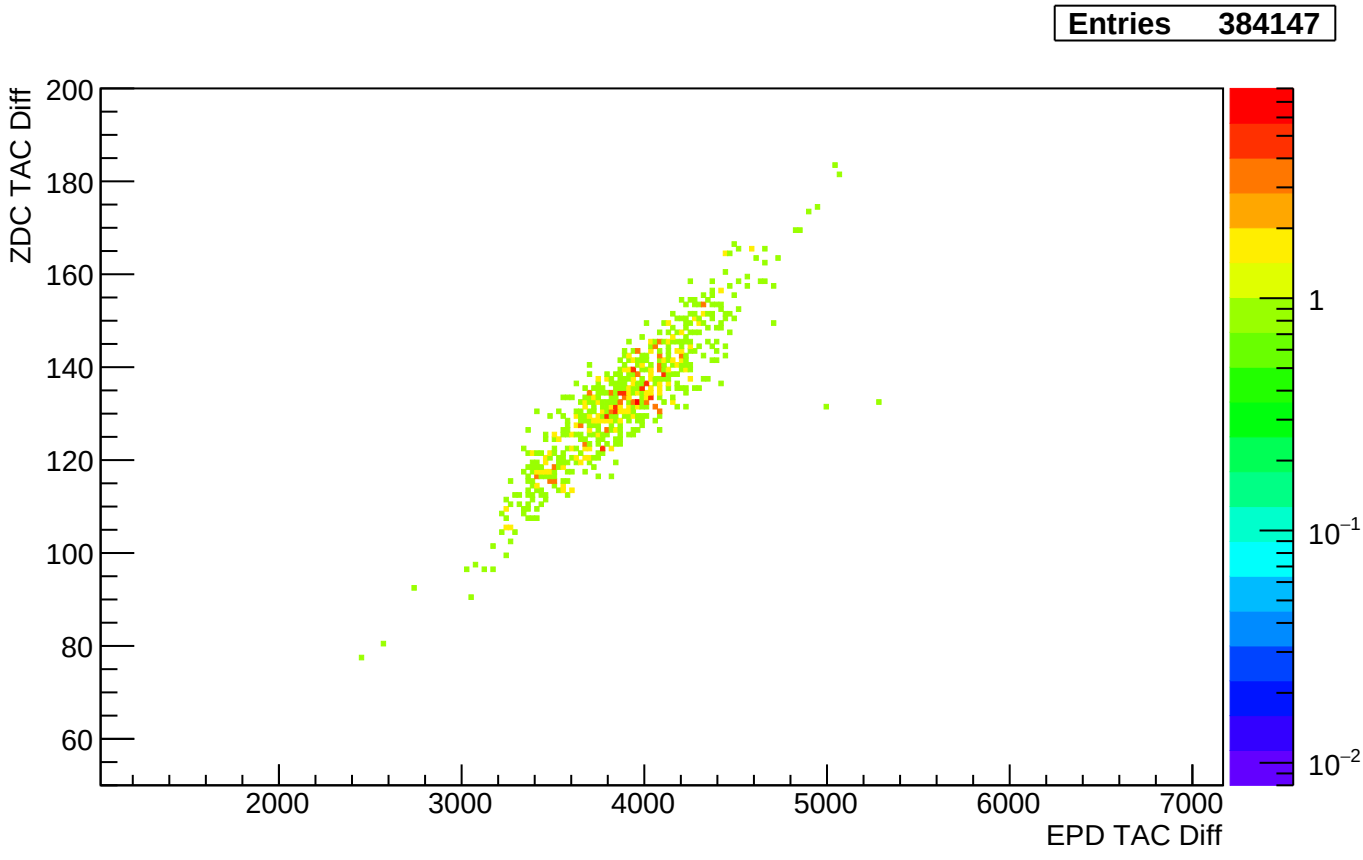

Entries 384147
TOF-Mult
BBC-S-West ADC Sum

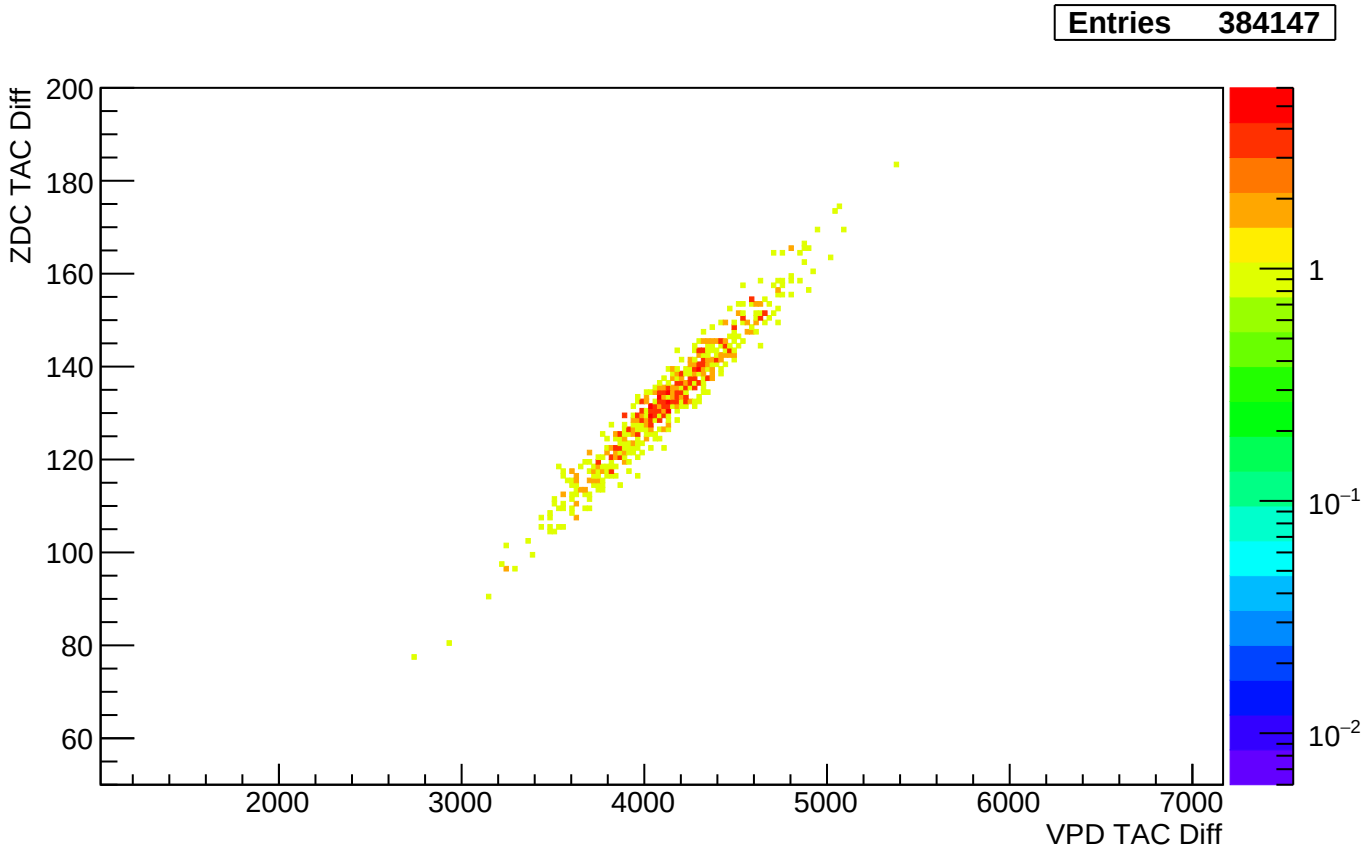

Entries 384147
TOF-Mult
EPD-East Hit Cnt

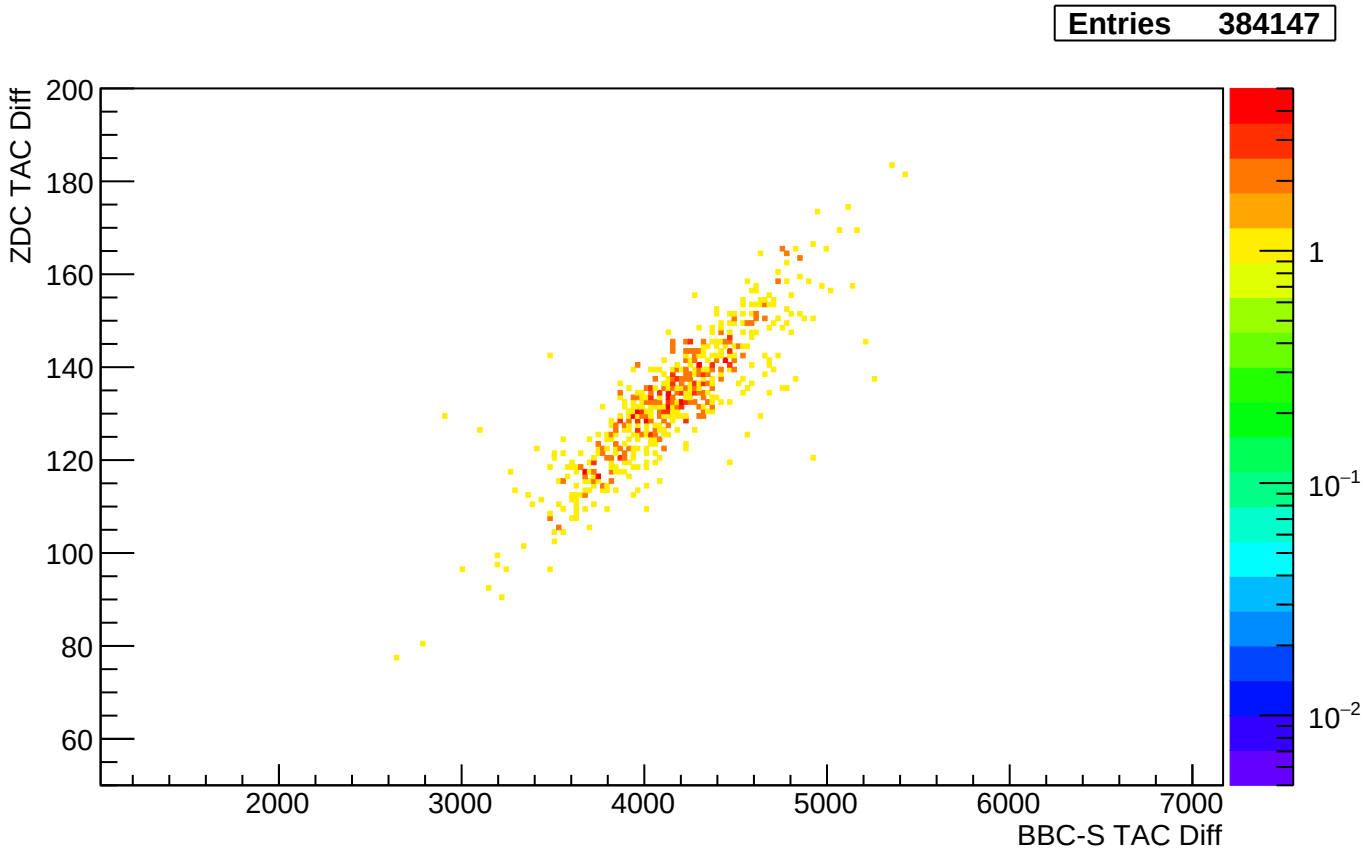

Entries 384147
TOF-Mult
EPD-West Hit Cnt

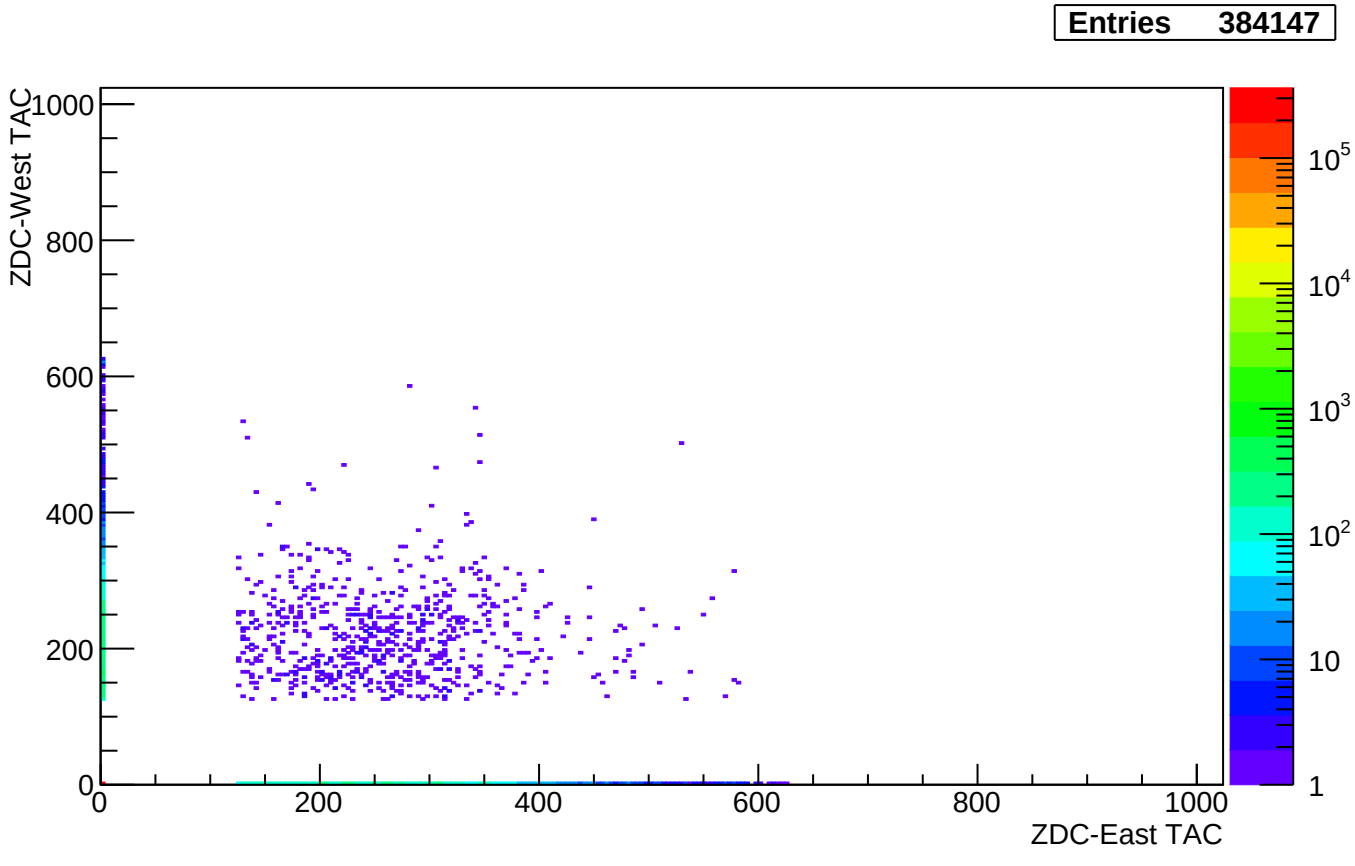

Entries 384147
TOF-Mult
VPD-East ADC Sum

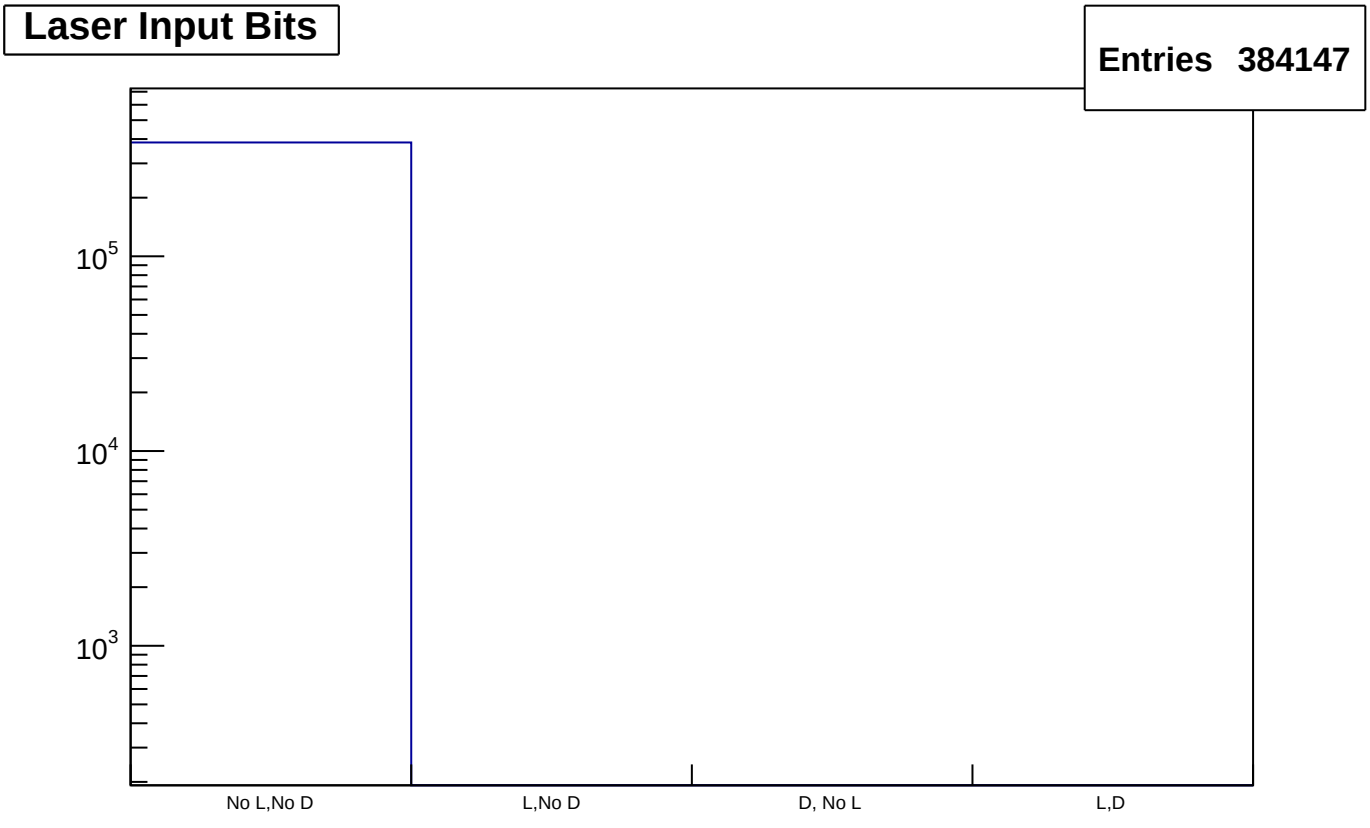

Entries 384147
TOF-Mult
VPD-West ADC Sum

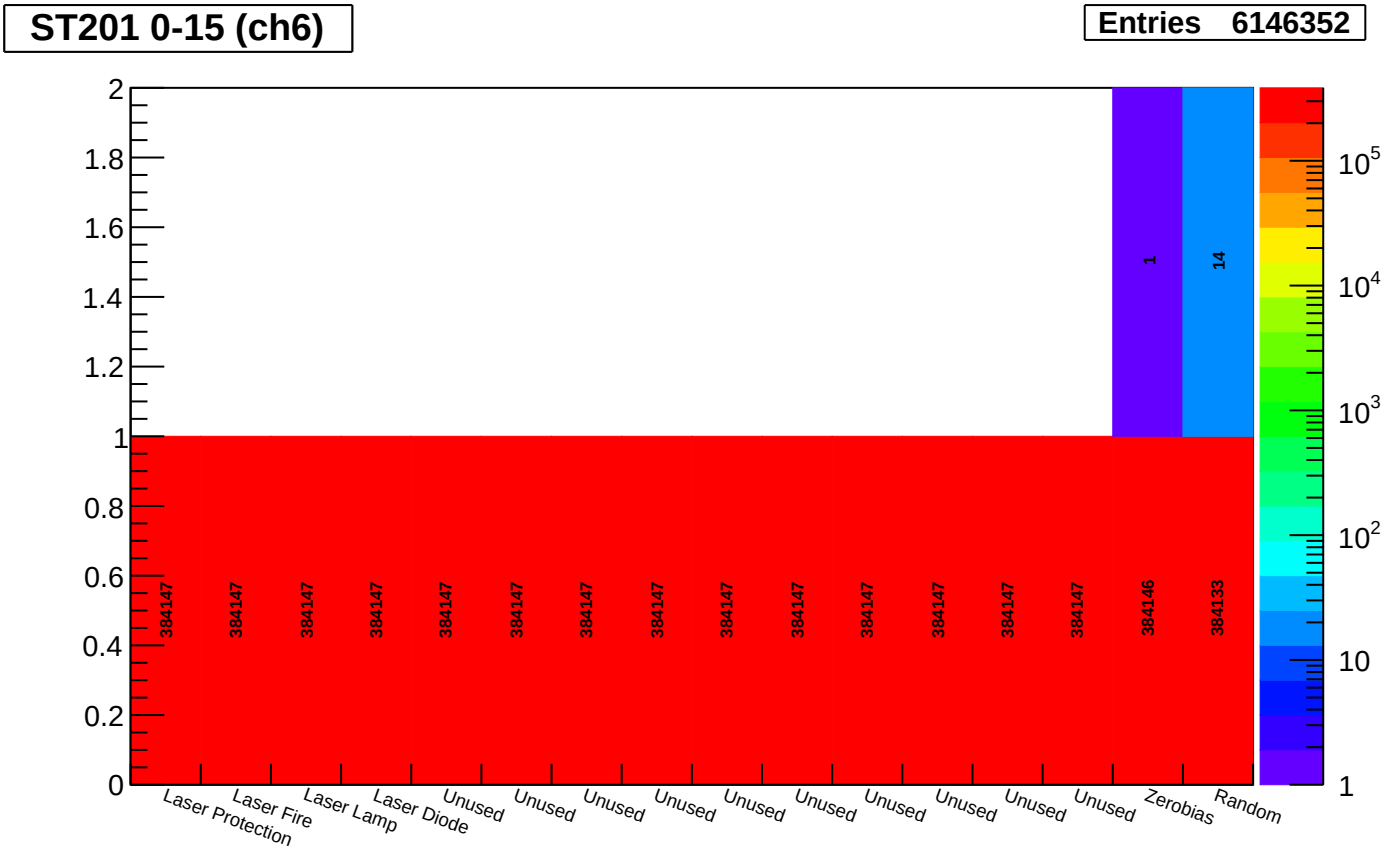

Entries 384147
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

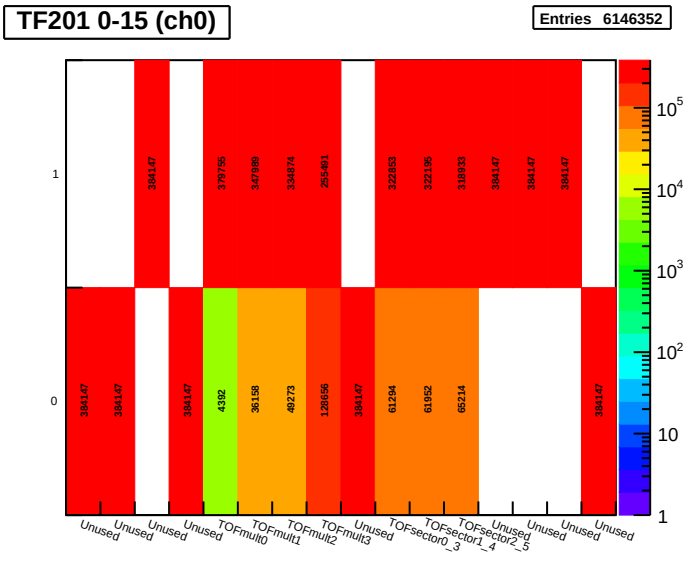

Entries 384147
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

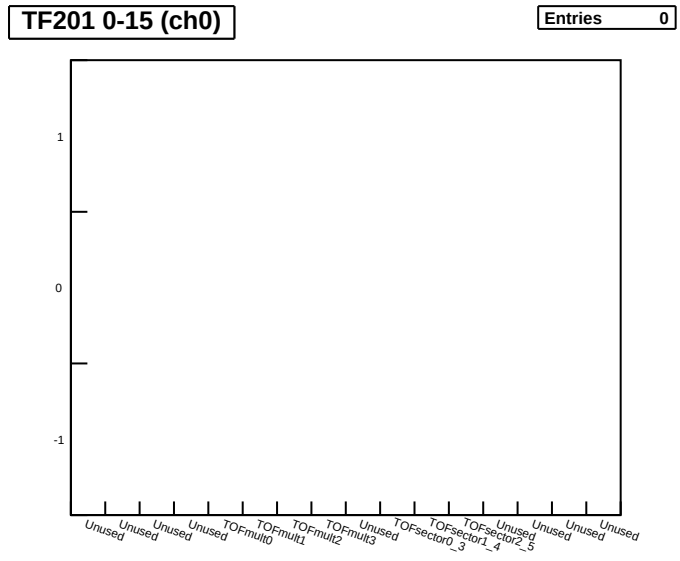

Entries 384147
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

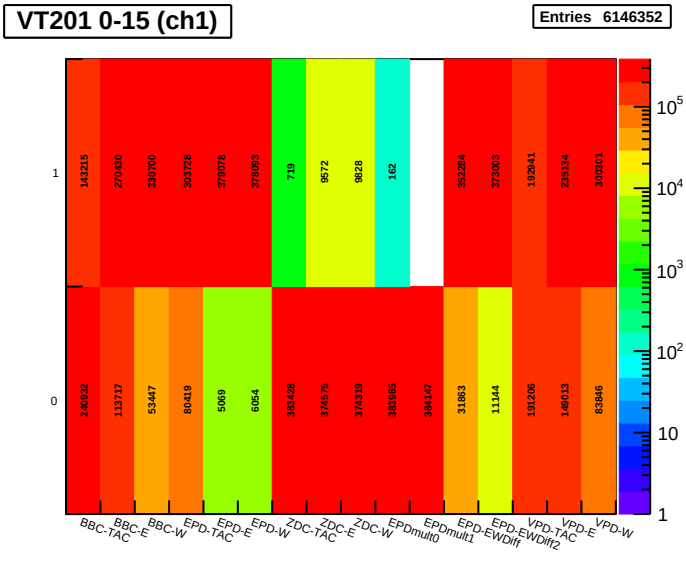

Entries 384147
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

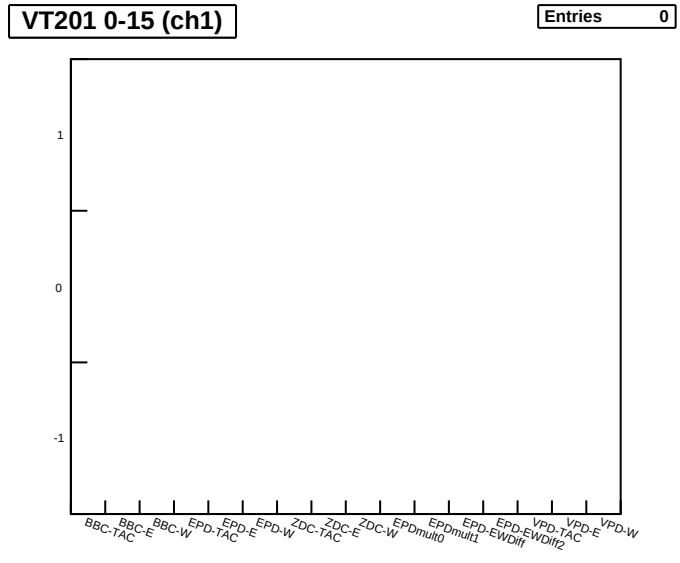

Laser Input Bits
Entries 384147
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

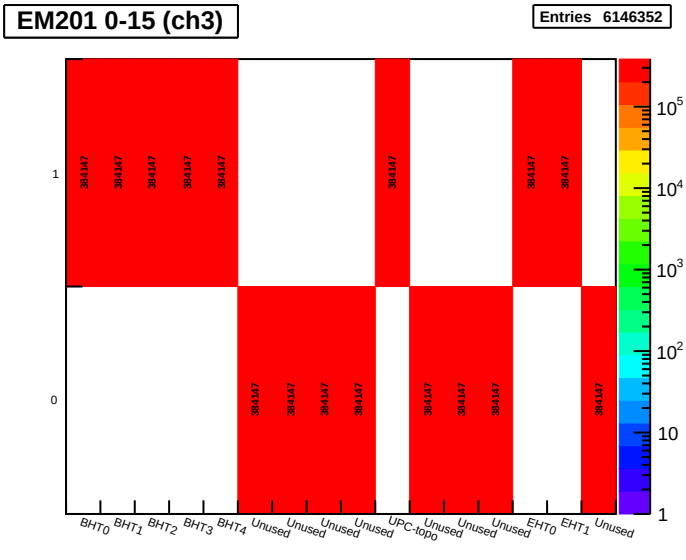

ST201 0-15 (ch6)
Entries 6146352
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
384147
384147
384147
384147
384147
384147
384147
384147
384147
384147
384147
384147
384147
384147
384146
384133
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

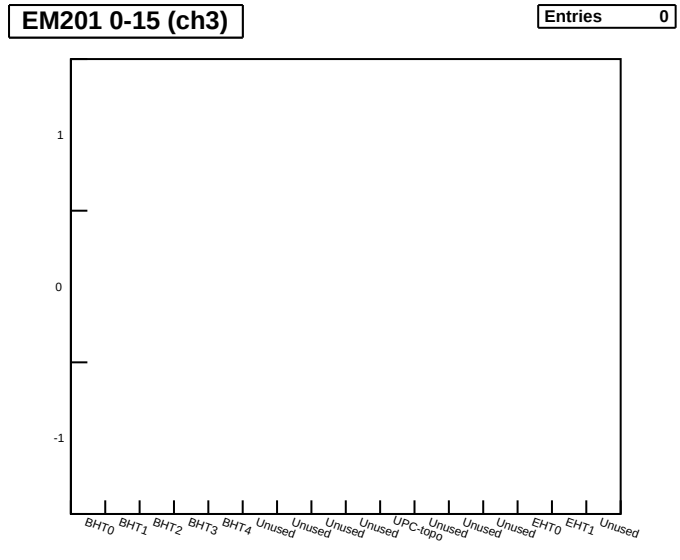

TF201 0-15 (ch0)
Entries 6146352
1
0
384147 384147 384147 384147 379755 347989 334874 255491 322853 322195 318933 384147 384147 384147
384147 384147 384147 4392 36158 49273 128656 384147 61294 61952 65214 384147
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 6146352
1
0
143215 270430 330700 303728 379078 378093 719 9572 9828 162 352284 373003 192941 235134 300301
240932 113717 53447 80419 5069 6054 383428 374575 374319 383985 384147 31863 11144 191206 149013 83846
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 6146352
1
0
384147 384147 384147 384147 384147 384147 384147 384147 384147
384147 384147 384147 384147 384147 384147 384147 384147
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