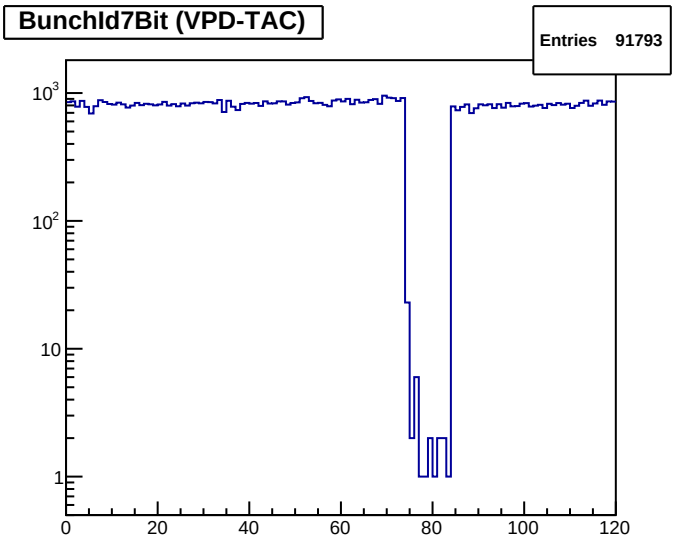
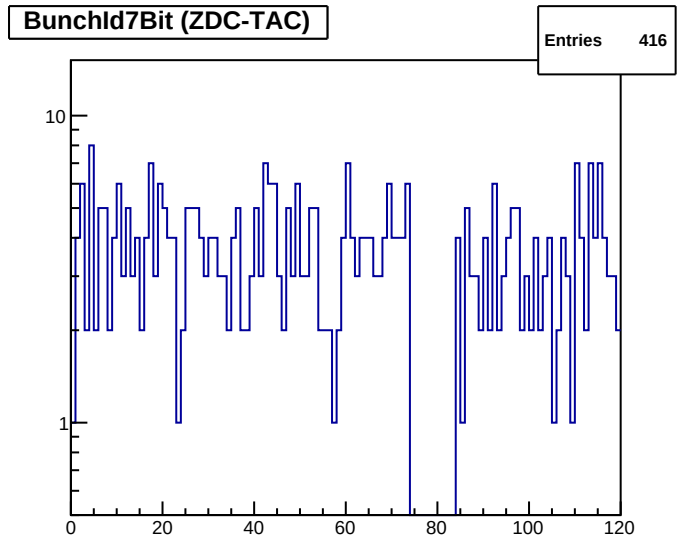
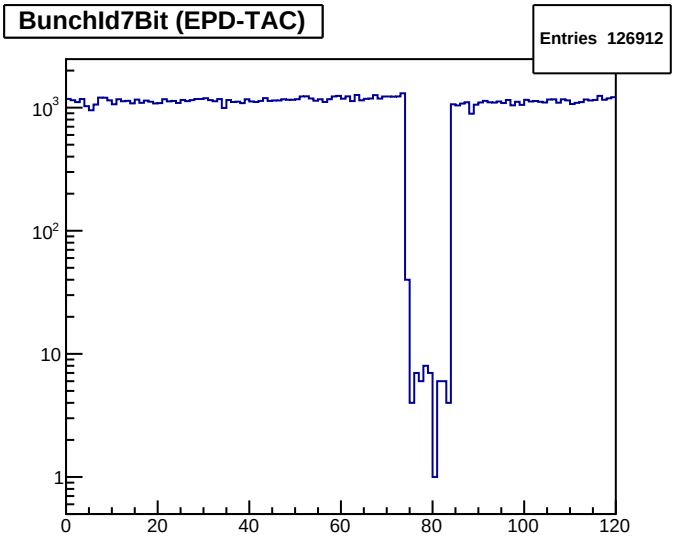
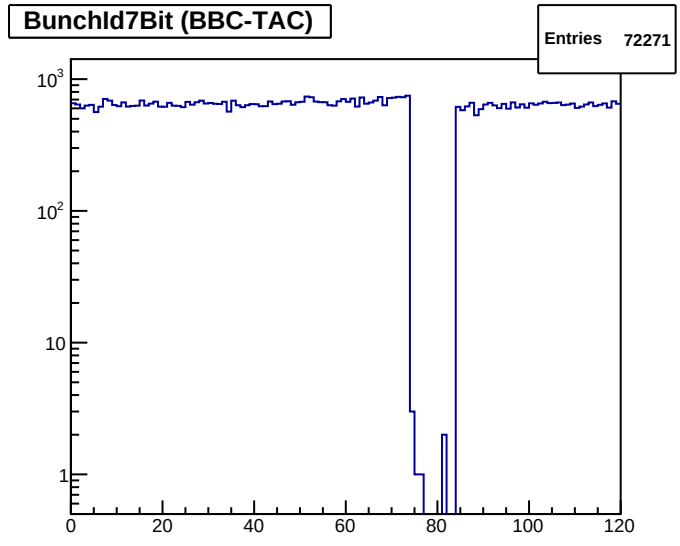
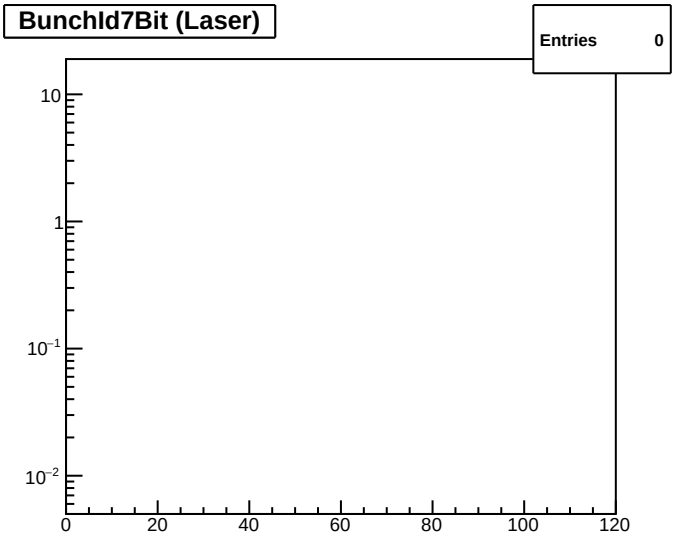
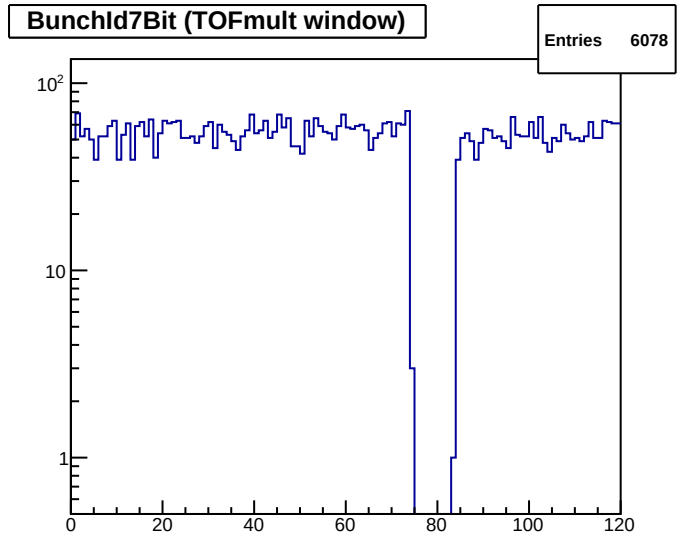

BunchId7Bit (VPD-TAC)
Entries 91793

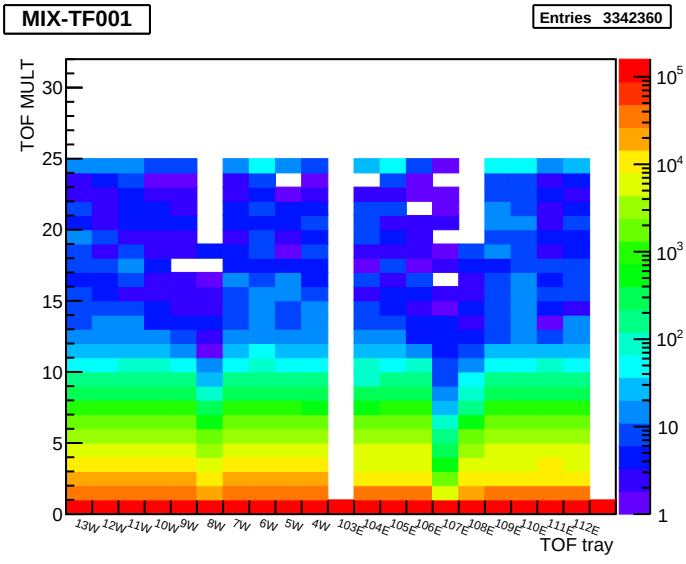

BunchId7Bit (ZDC-TAC)
Entries 416

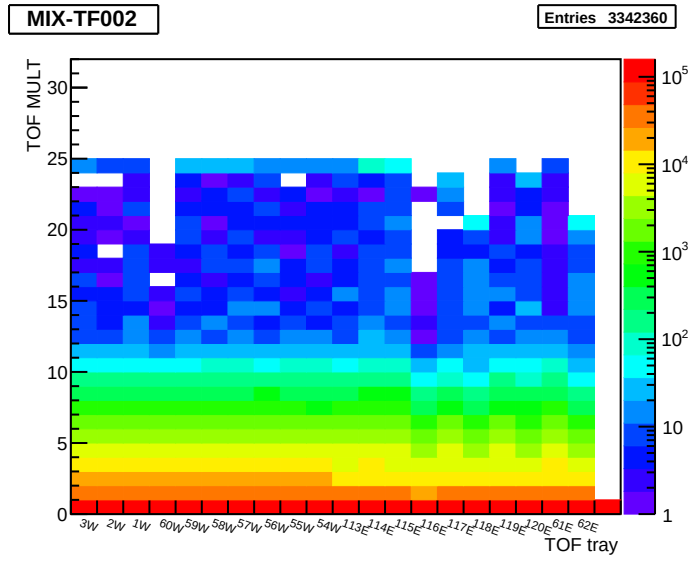

BunchId7Bit (EPD-TAC)
Entries 126912

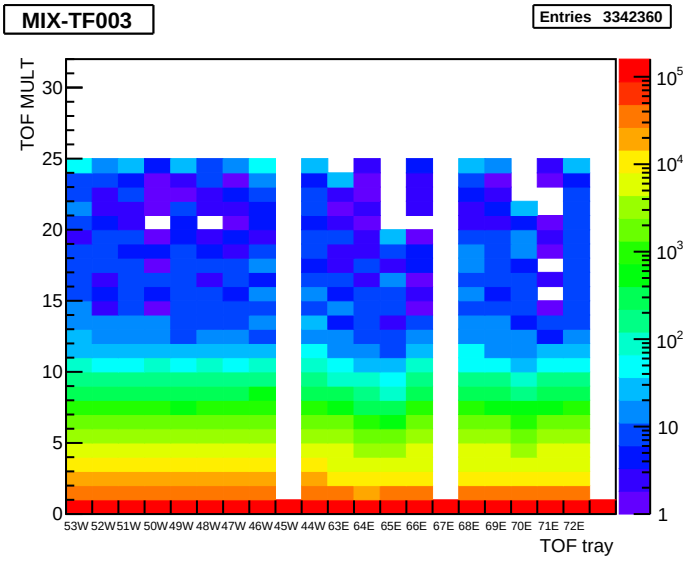

BunchId7Bit (BBC-TAC)
Entries 72271

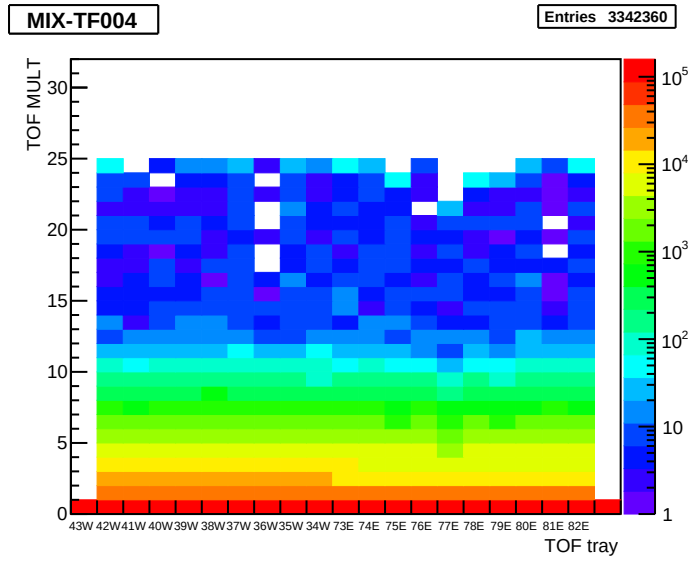

BunchId7Bit (Laser)
Entries 0

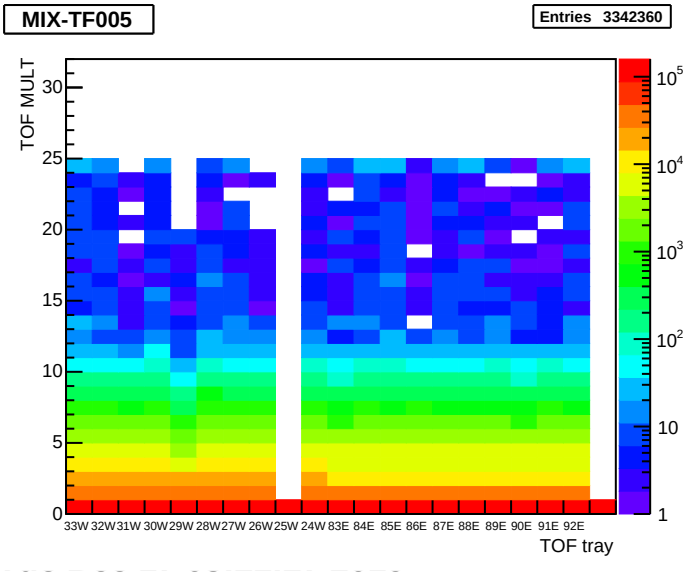

BunchId7Bit (TOFmult window)
Entries 6078

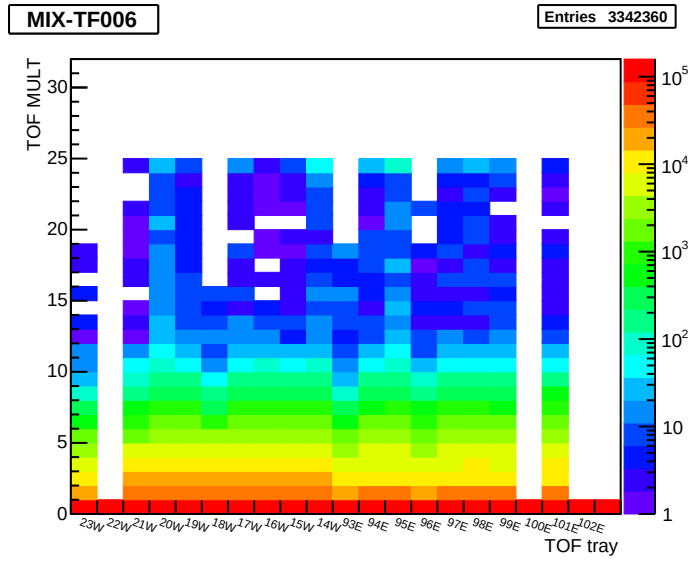

MIX-TF001
Entries 3342360
TOF MULT
TOF tray

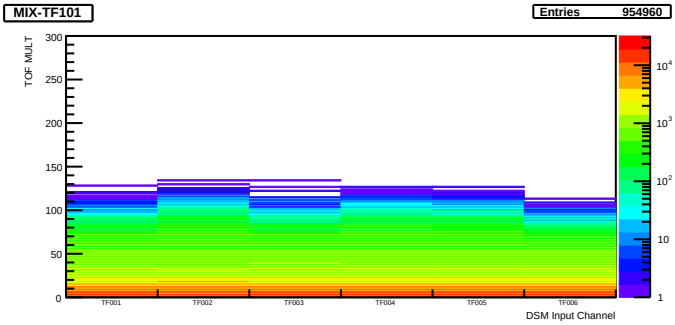

MIX-TF002
Entries 3342360
TOF MULT
TOF tray

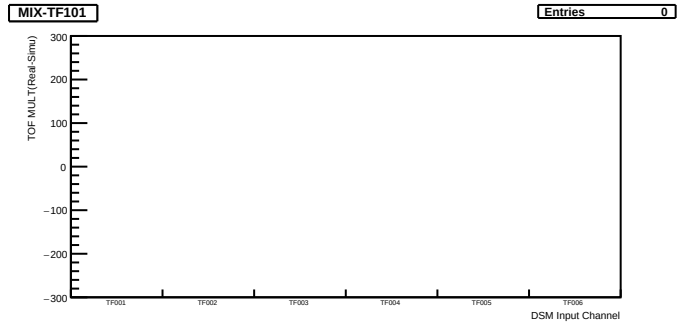

MIX-TF003
Entries 3342360
TOF MULT
TOF tray

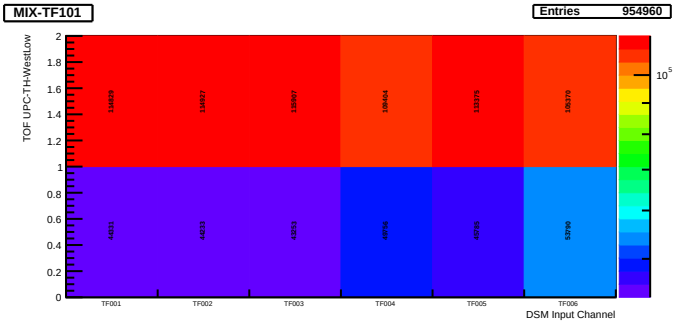

MIX-TF004
Entries 3342360
TOF MULT
TOF tray

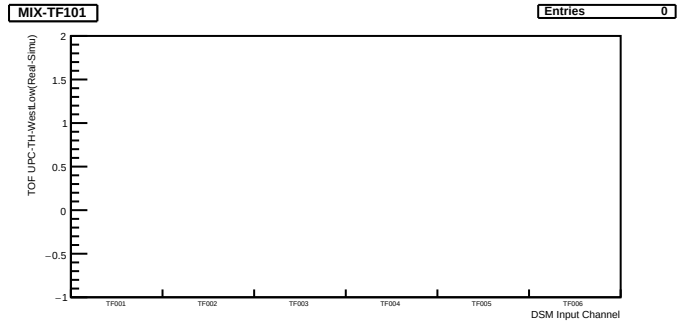

MIX-TF005
Entries 3342360
TOF MULT
TOF tray

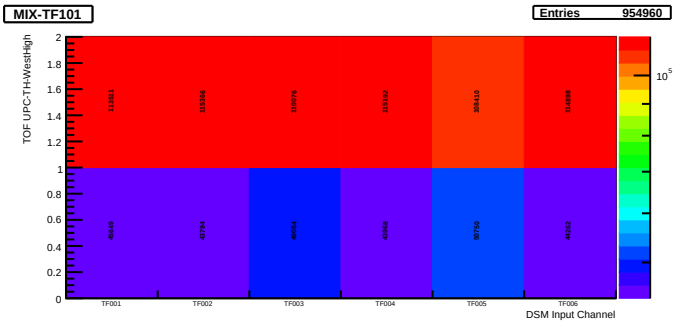

MIX-TF006
Entries 3342360
TOF MULT
TOF tray

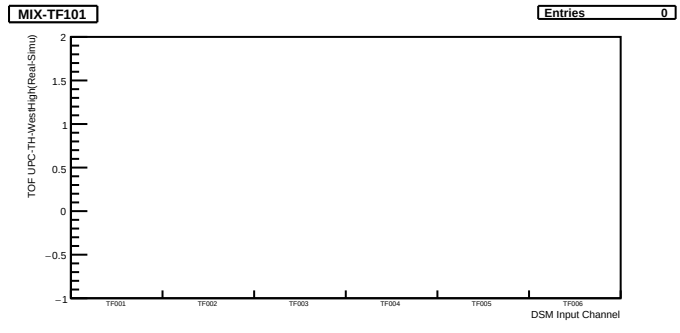

MIX-TF101
Entries 954960
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

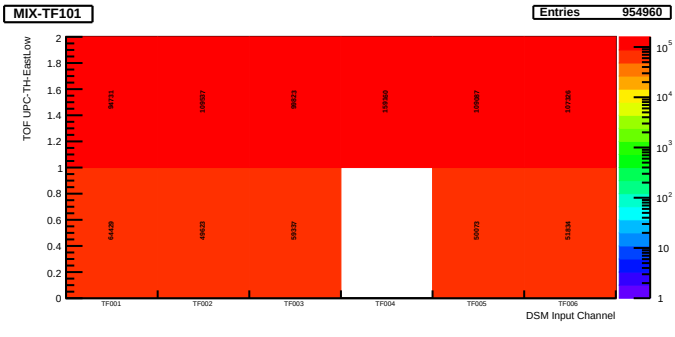

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

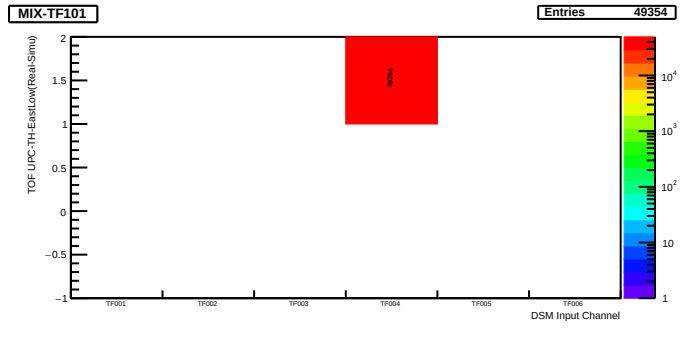

MIX-TF101
Entries 954960
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

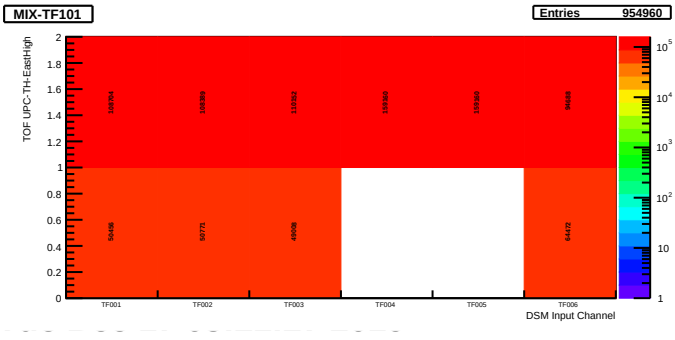

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

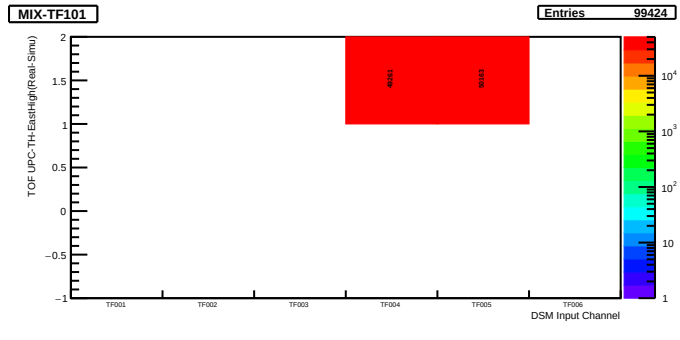

MIX-TF101
Entries 954960
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

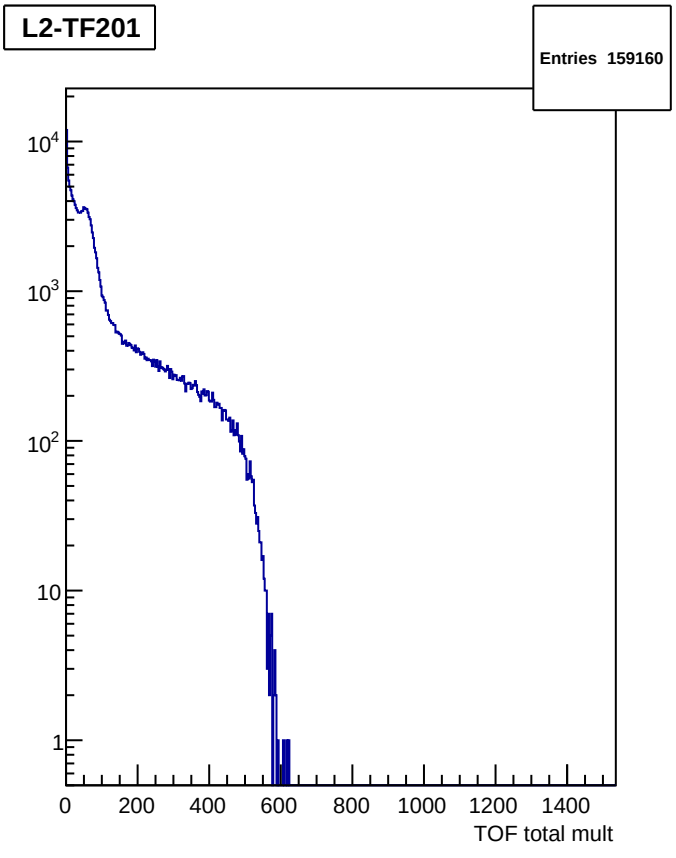

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

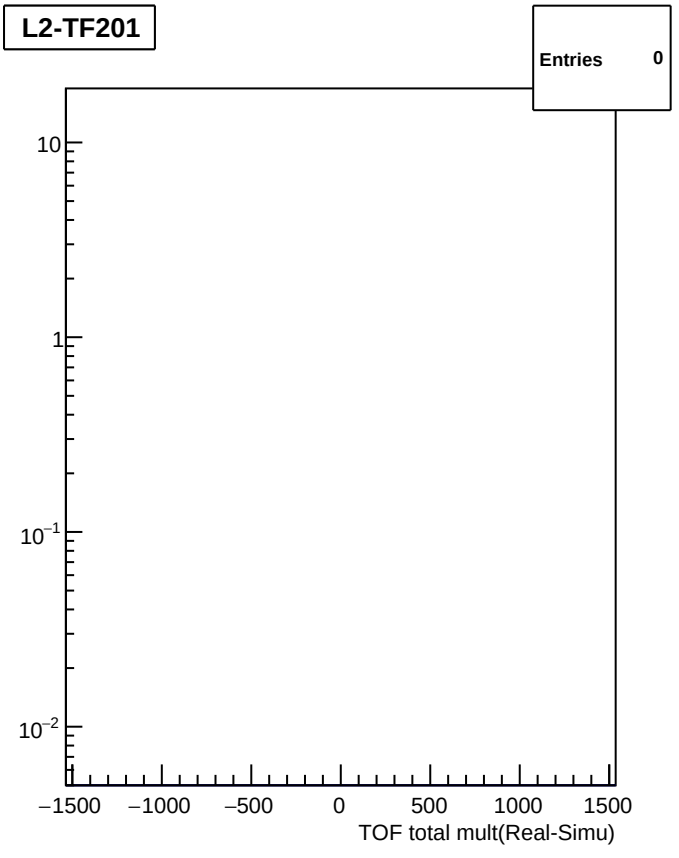

MIX-TF101
Entries 954960
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

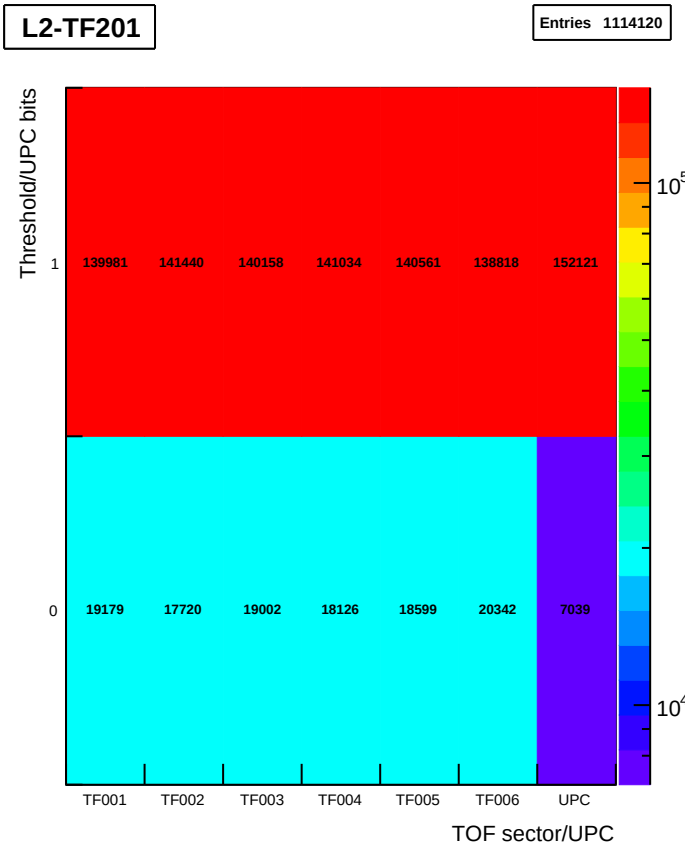

MIX-TF101
Entries 49354
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

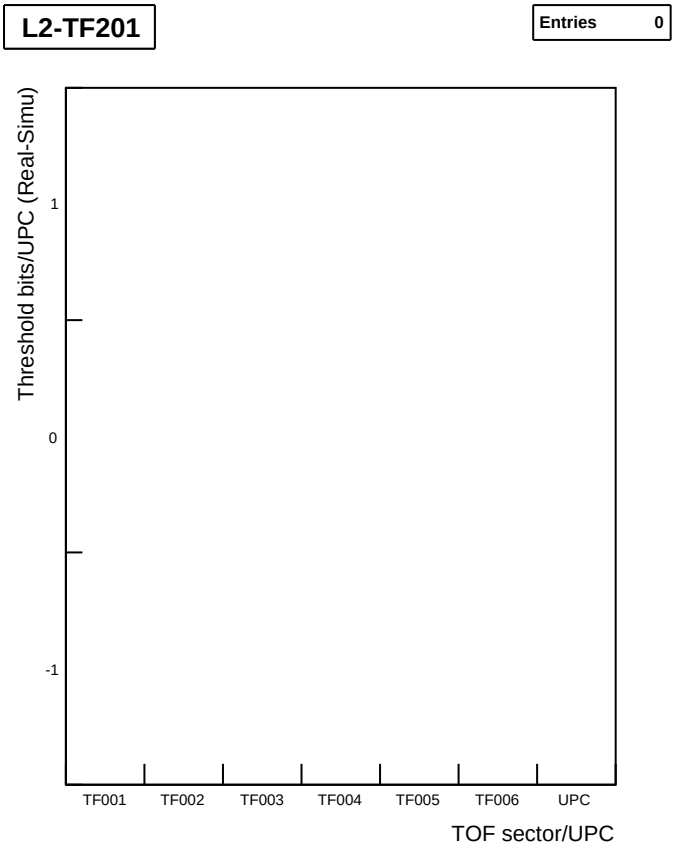

MIX-TF101
Entries 954960
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

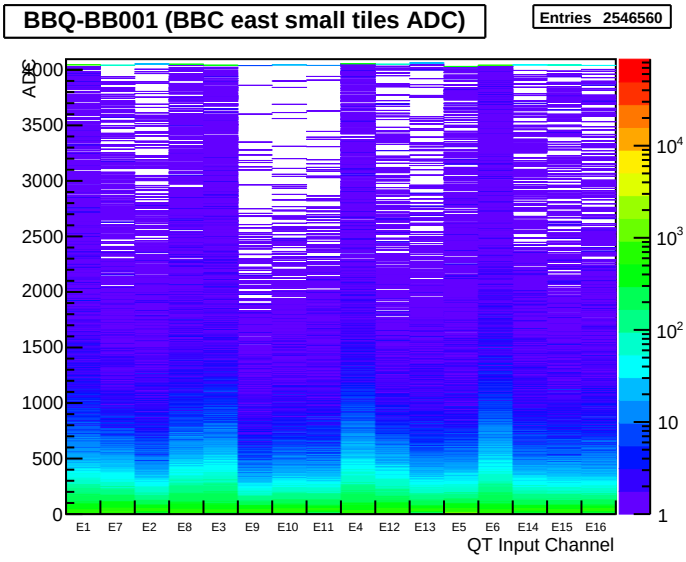

MIX-TF101
Entries 99424
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

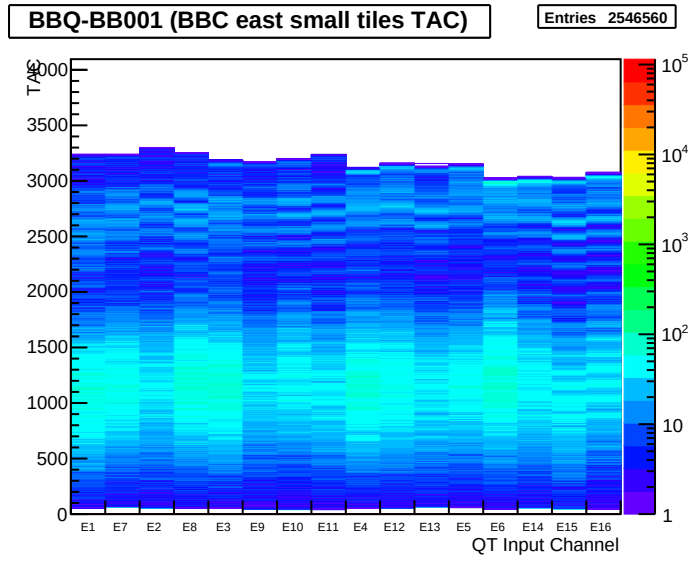

L2-TF201
Entries 159160
TOF total mult

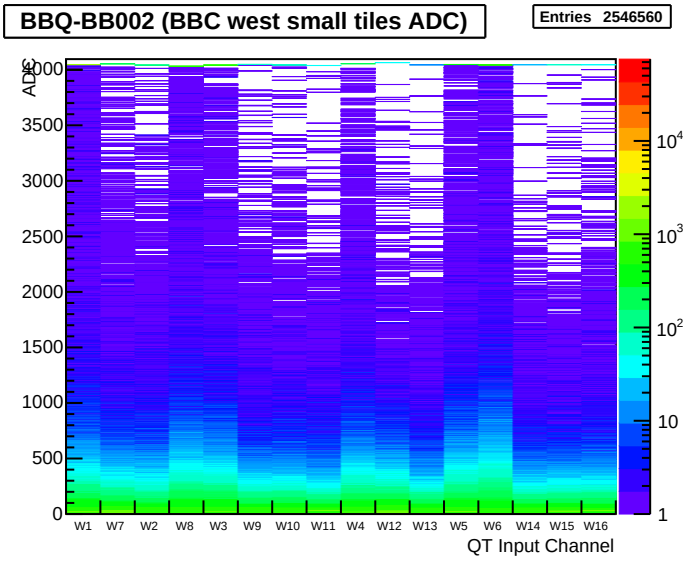

L2-TF201
Entries 0
TOF total mult(Real-Simu)

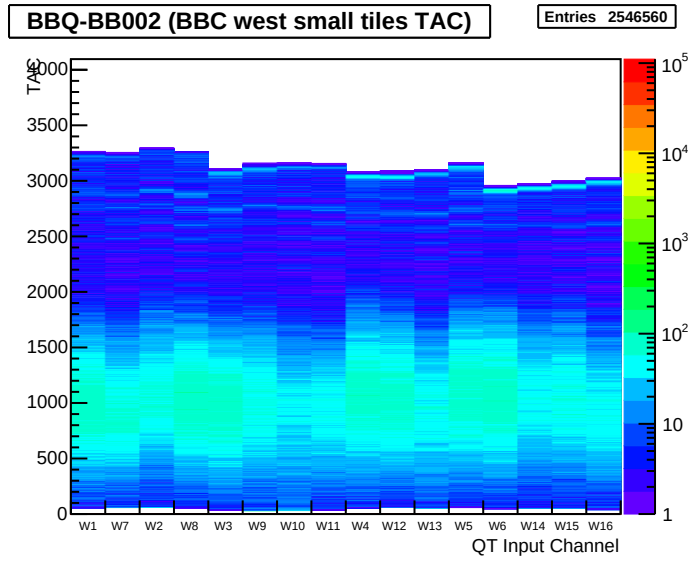

L2-TF201
Entries 1114120
Threshold/UPC bits
139981
141440
140158
141034
140561
138818
152121
19179
17720
19002
18126
18599
20342
7039
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

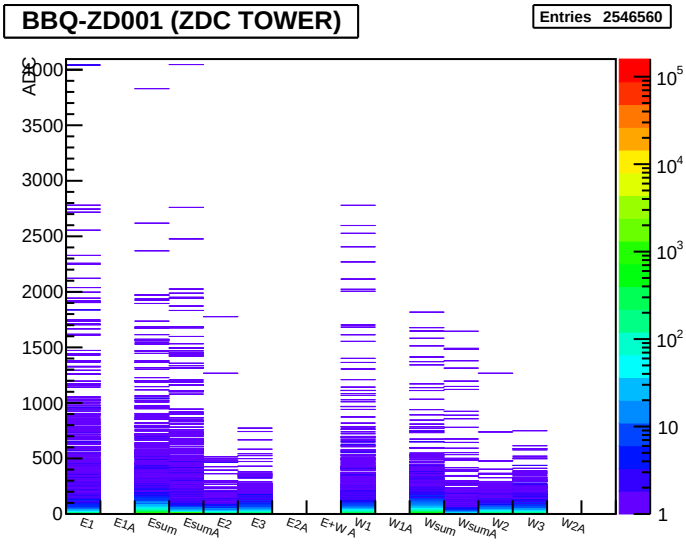

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

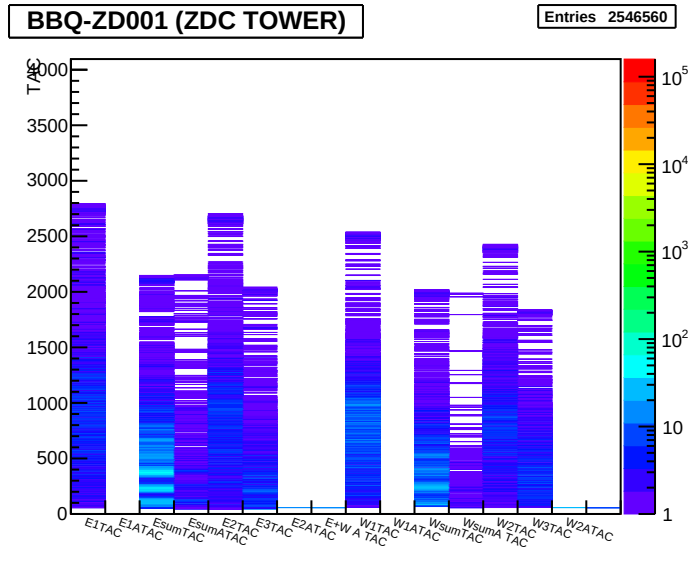

BBQ-BB001 (BBC east small tiles ADC)
Entries 2546560
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

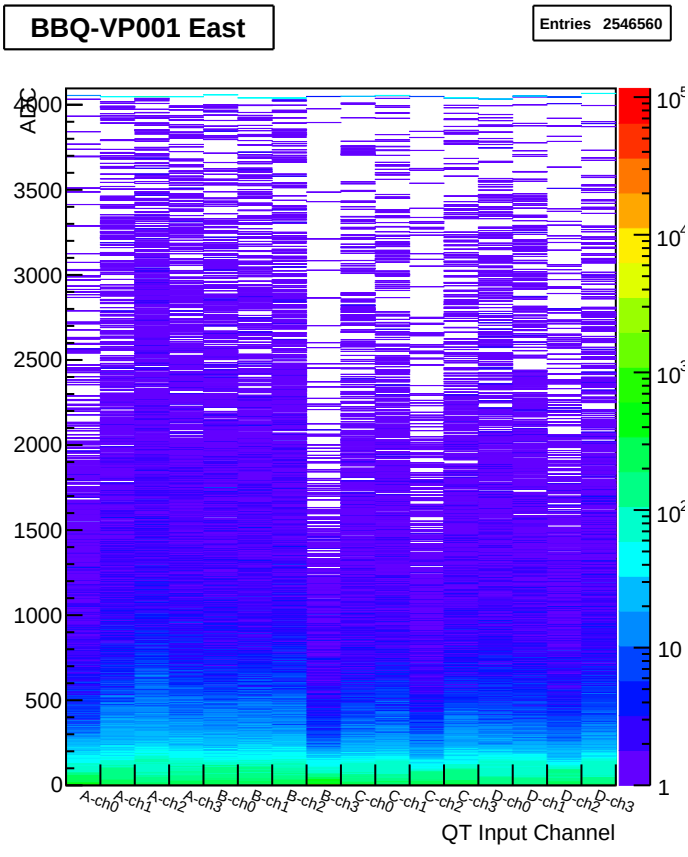

BBQ-BB001 (BBC east small tiles TAC)
Entries 2546560
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

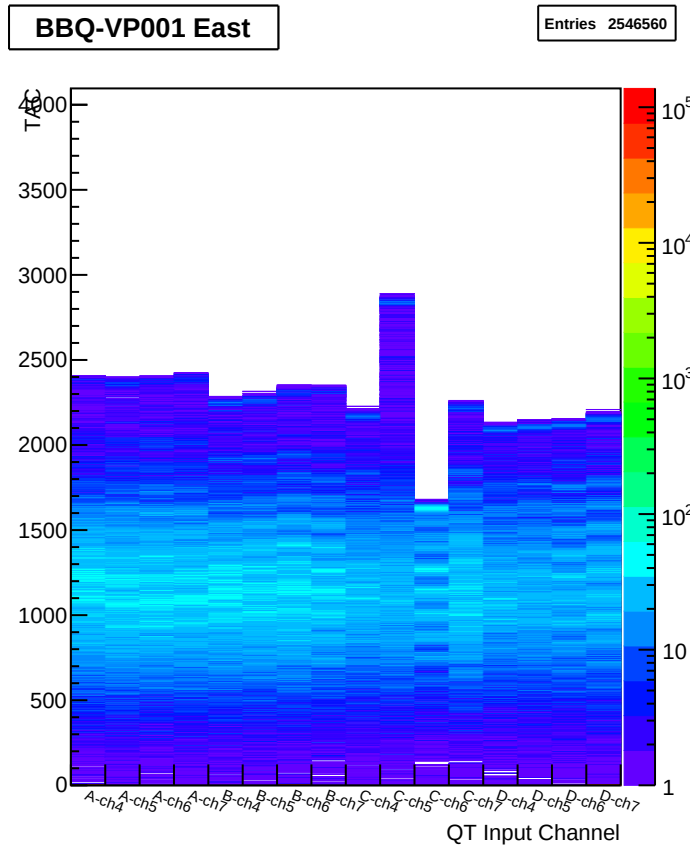

BBQ-BB002 (BBC west small tiles ADC)
Entries 2546560
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

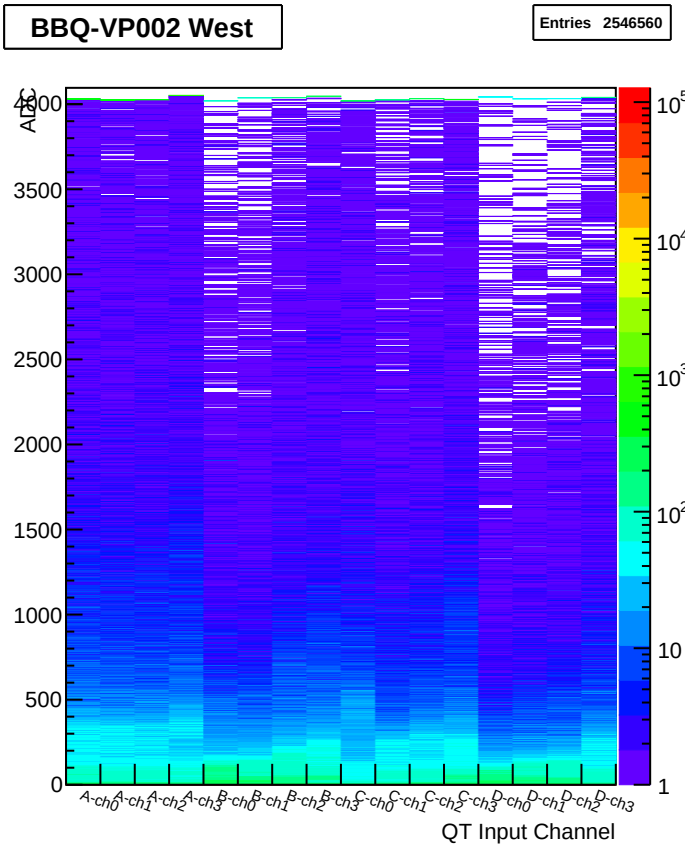

BBQ-BB002 (BBC west small tiles TAC)
Entries 2546560
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

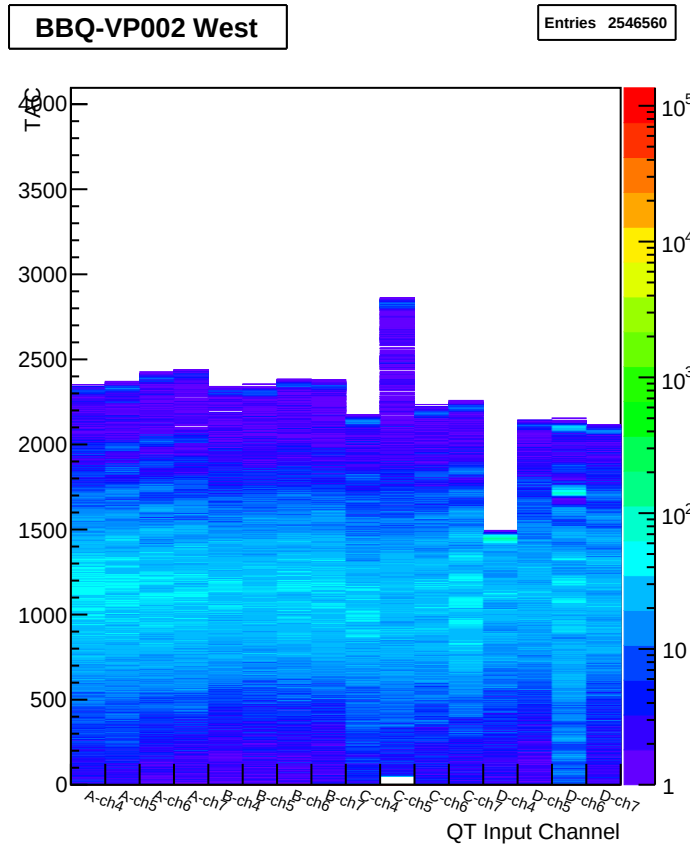

BBQ-ZD001 (ZDC TOWER)
Entries 2546560
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

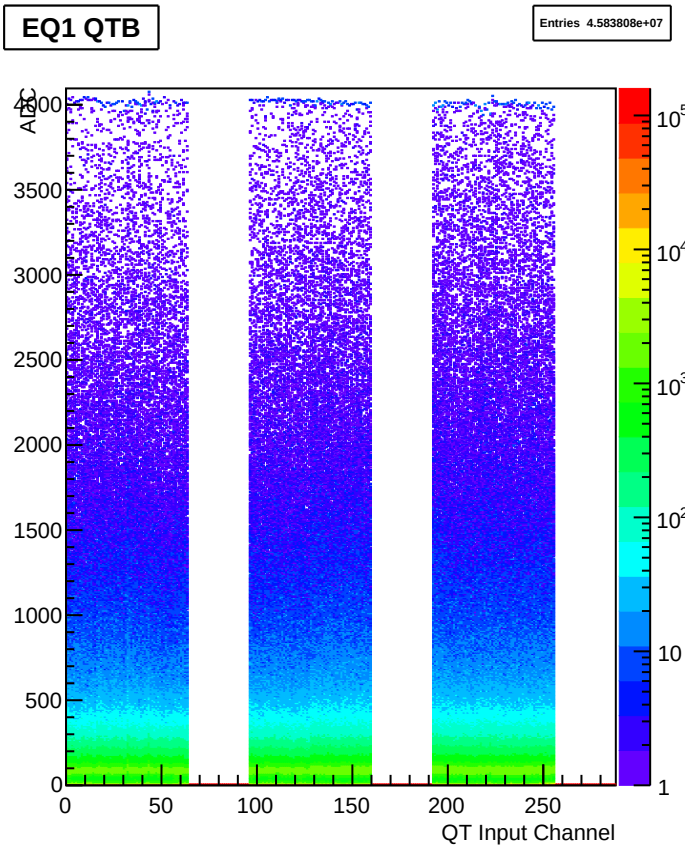

BBQ-ZD001 (ZDC TOWER)
Entries 2546560
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

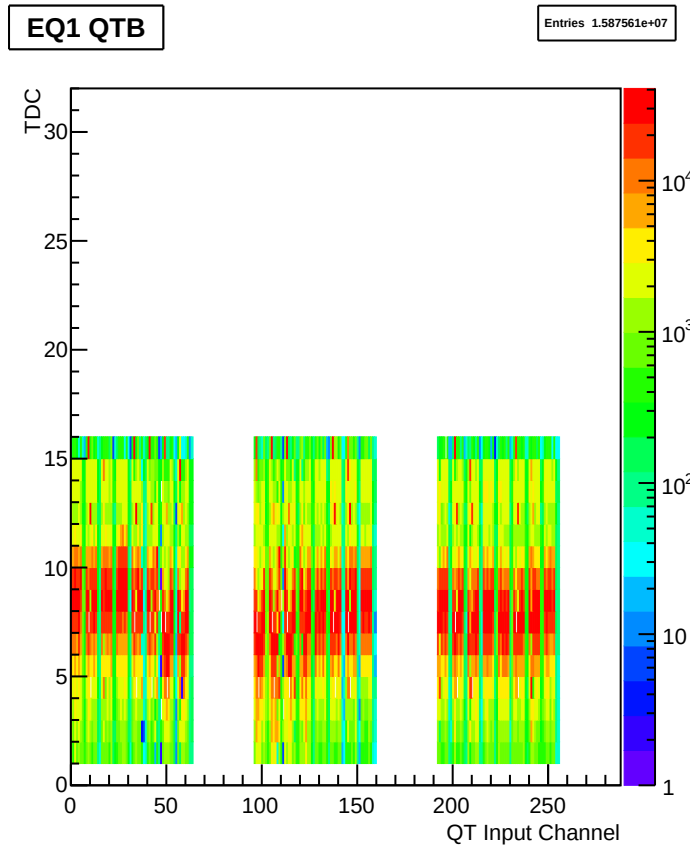

BBQ-VP001 East
Entries 2546560
ADC
QT Input Channel

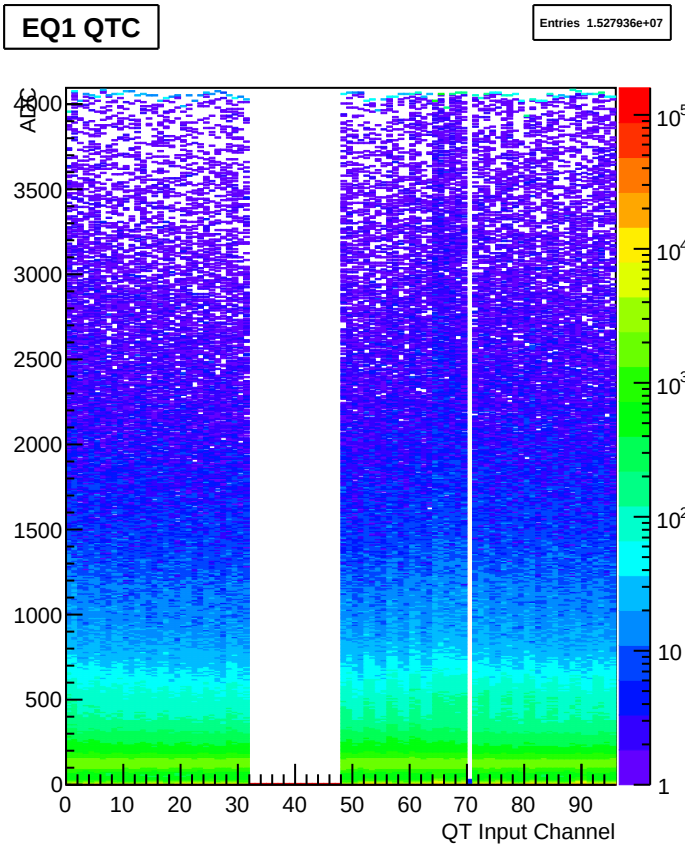

BBQ-VP001 East
Entries 2546560
TADC
QT Input Channel

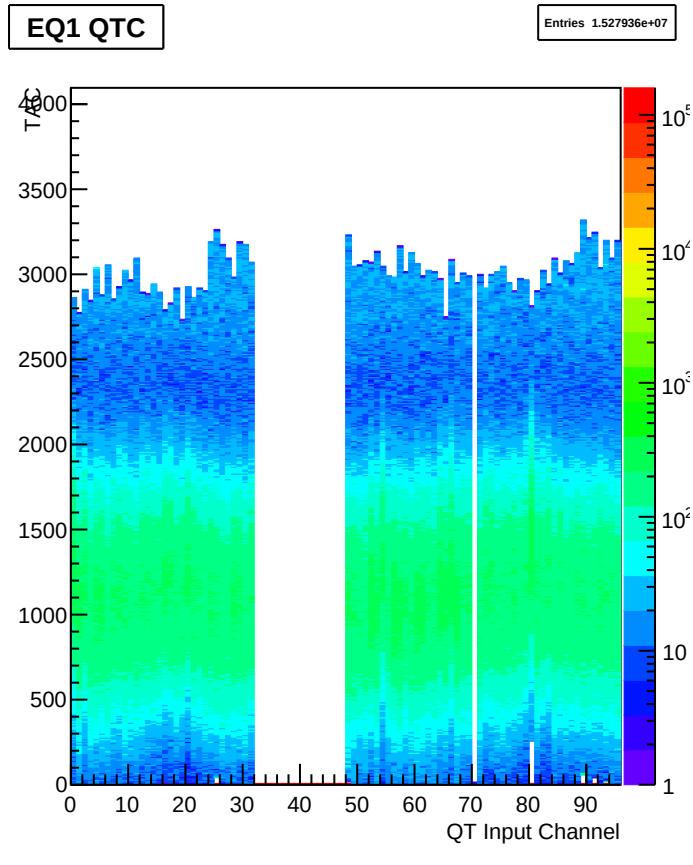

BBQ-VP002 West
Entries 2546560
ADC
QT Input Channel

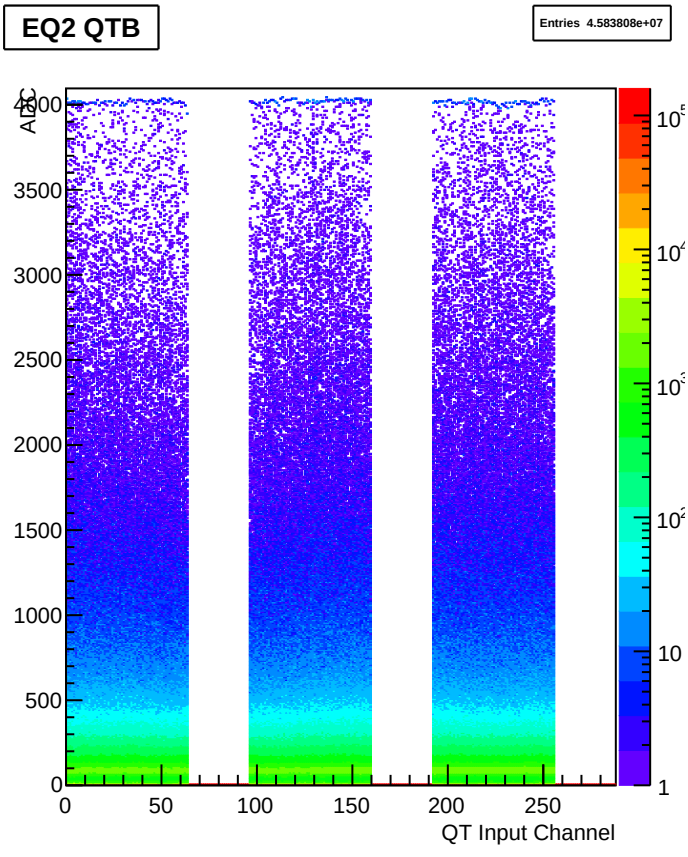

BBQ-VP002 West
Entries 2546560
TADC
QT Input Channel

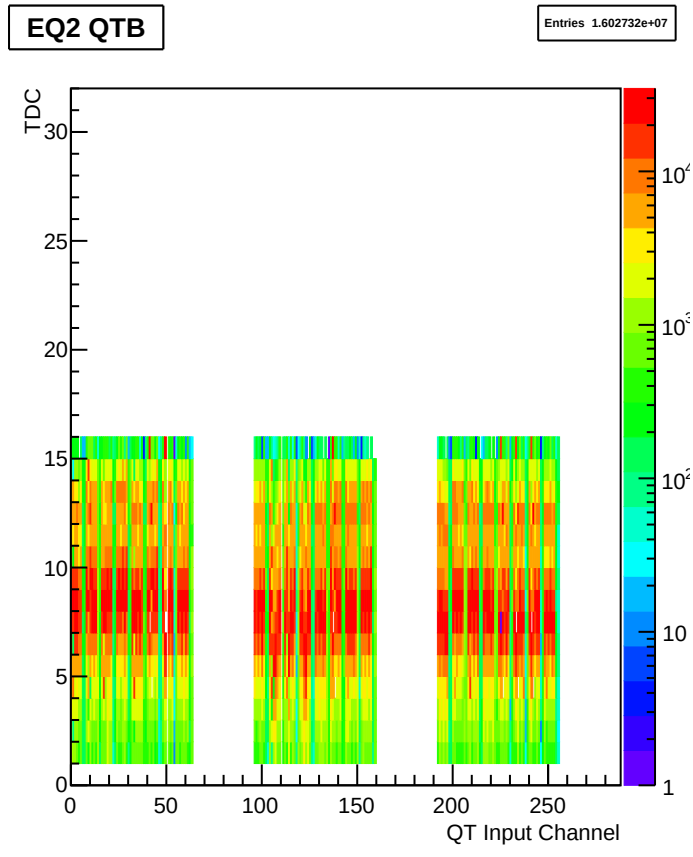

EQ1 QTB
Entries 4.583808e+07
ADC
QT Input Channel

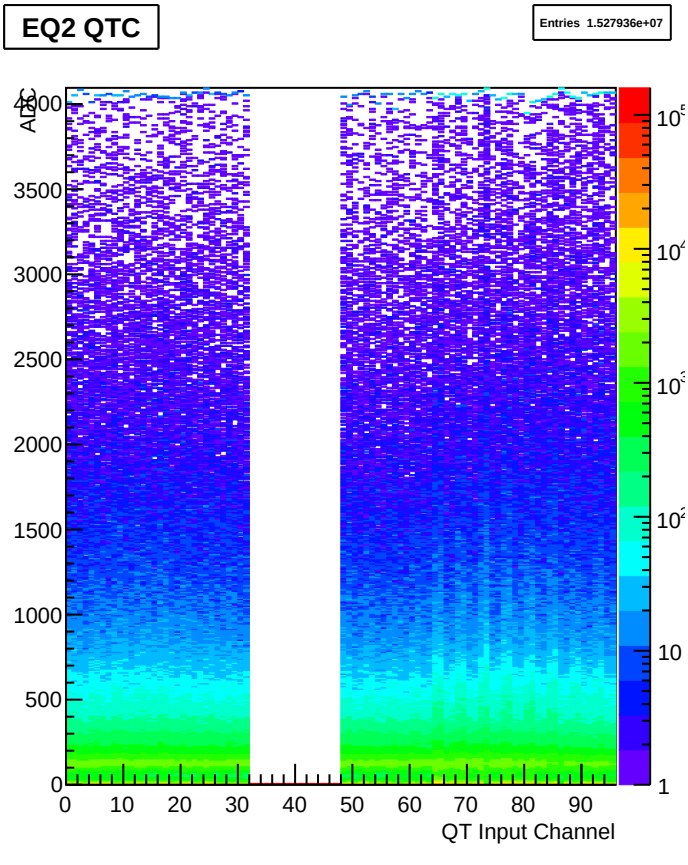

EQ1 QTB
Entries 1.587561e+07
TDC
QT Input Channel

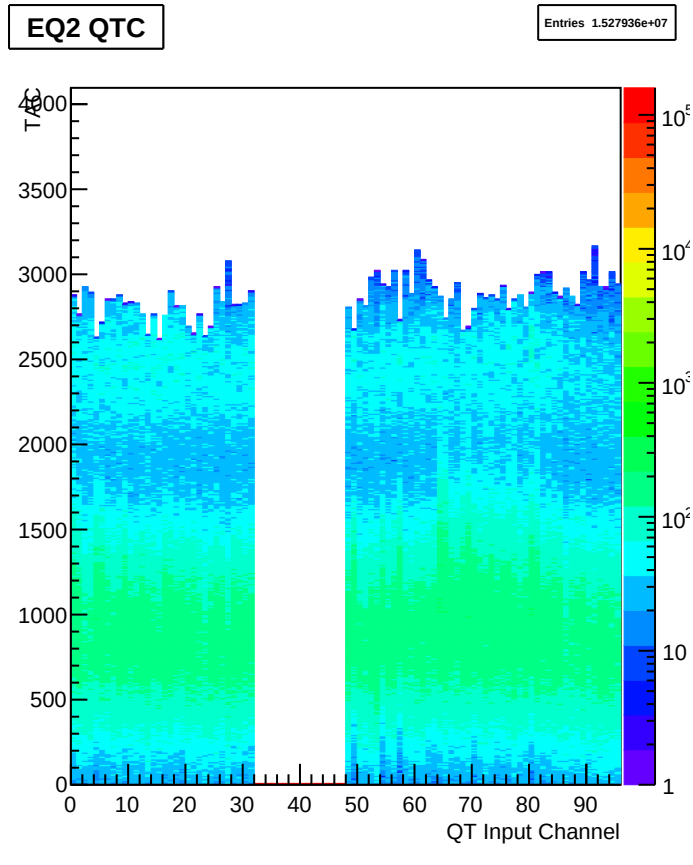

EQ1 QTC
Entries 1.527936e+07
ADC
QT Input Channel

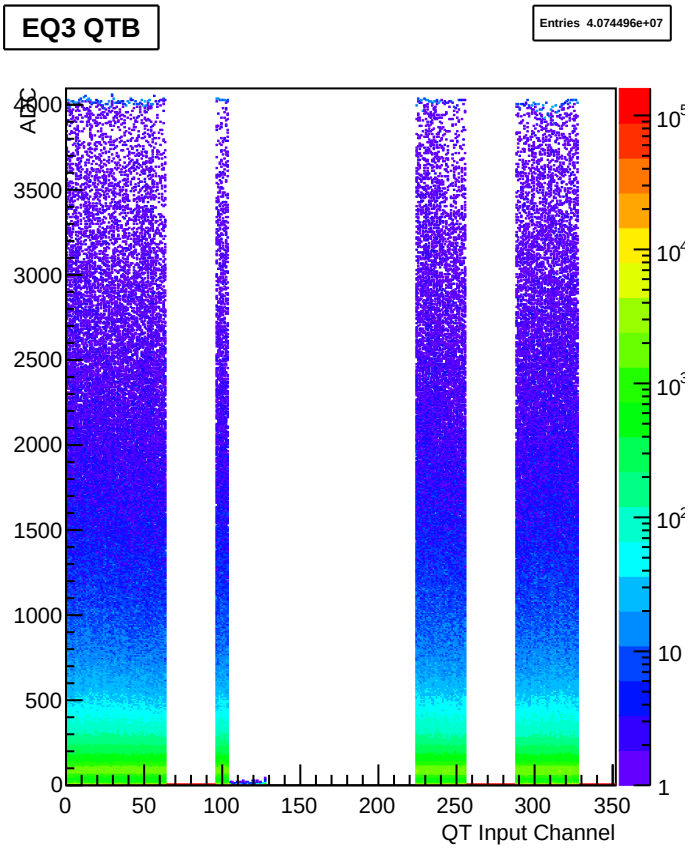

EQ1 QTC
Entries 1.527936e+07
TADC
QT Input Channel

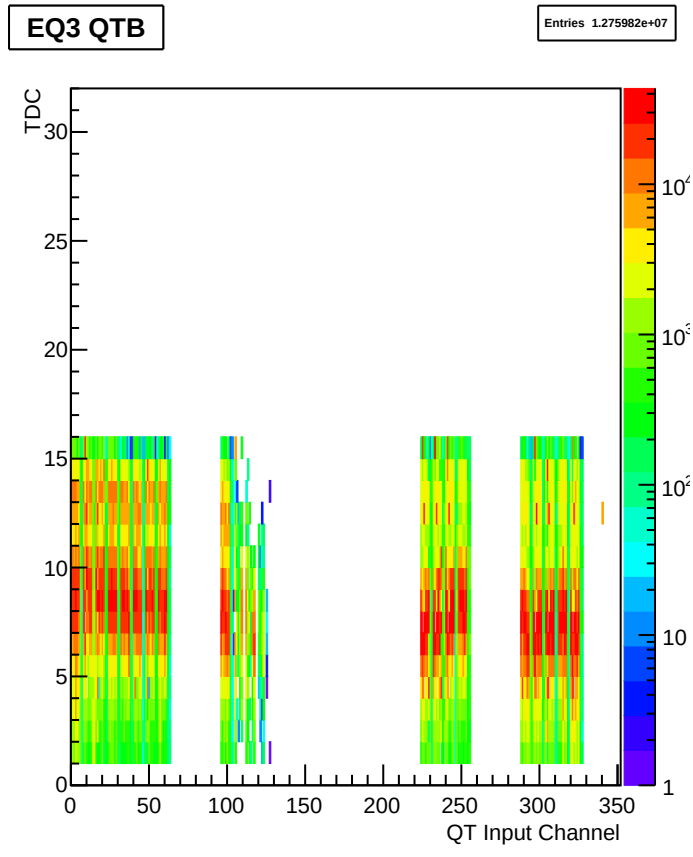

EQ2 QTB
Entries 4.583808e+07
ADC
QT Input Channel

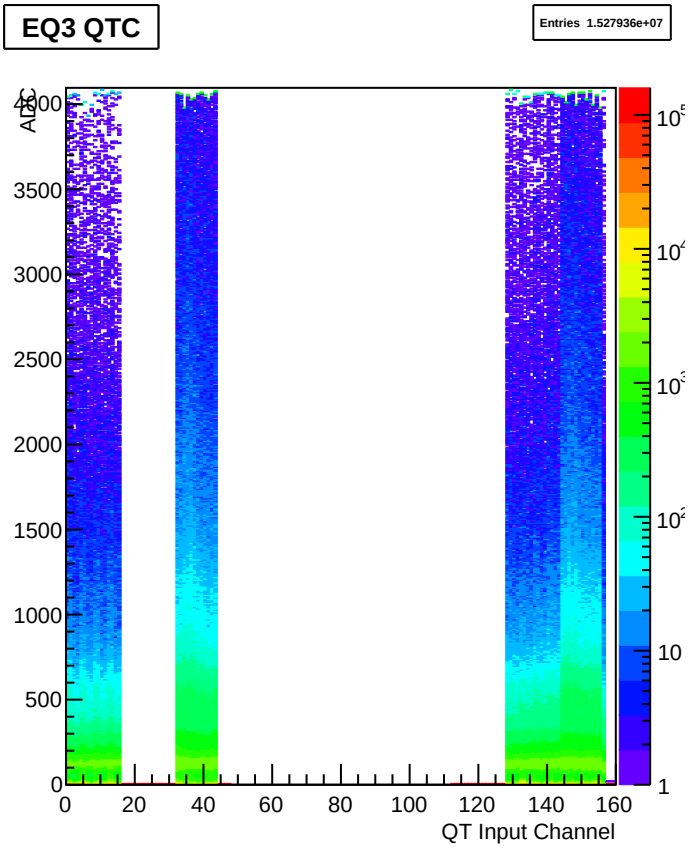

EQ2 QTB
Entries 1.602732e+07
TDC
QT Input Channel

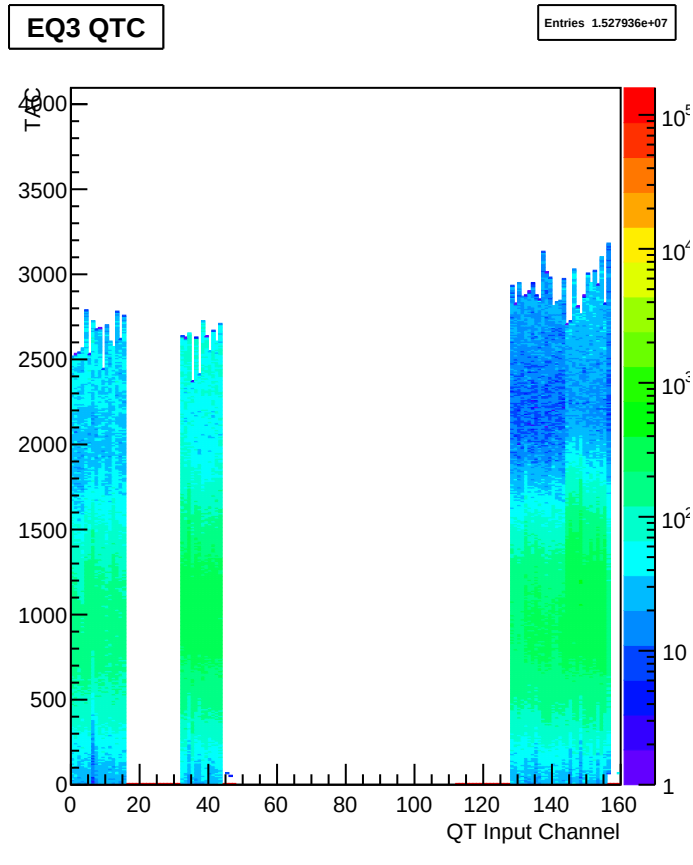

EQ2 QTC
Entries 1.527936e+07
ADC
QT Input Channel

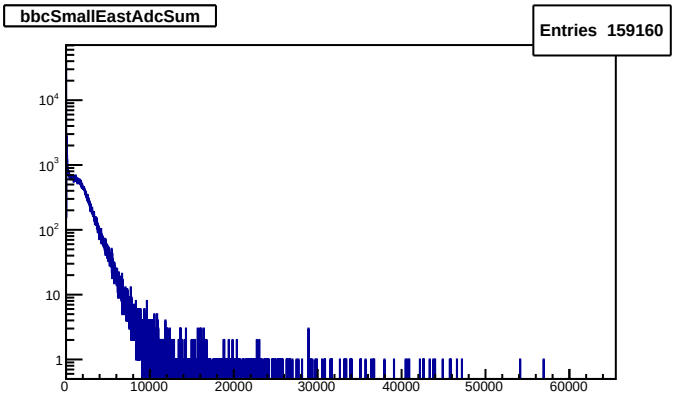

EQ2 QTC
Entries 1.527936e+07
TADC
QT Input Channel

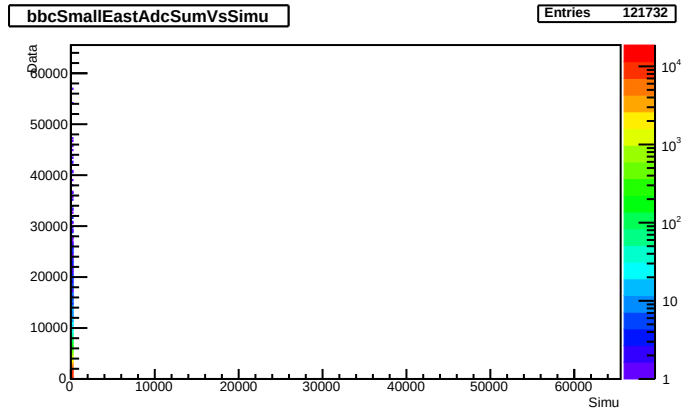

EQ3 QTB
Entries 4.074496e+07
ADC
QT Input Channel

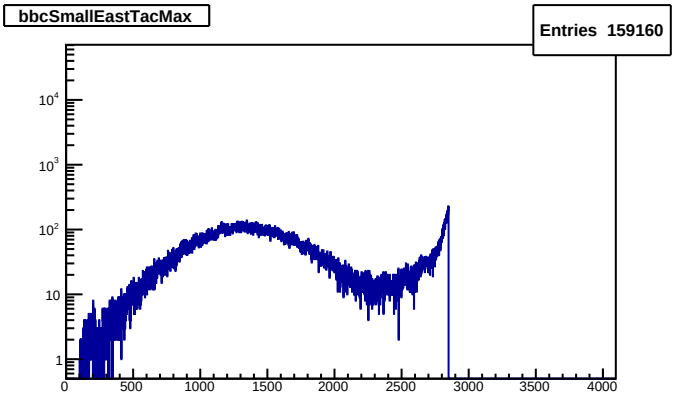

EQ3 QTB
Entries 1.275982e+07
TDC
QT Input Channel

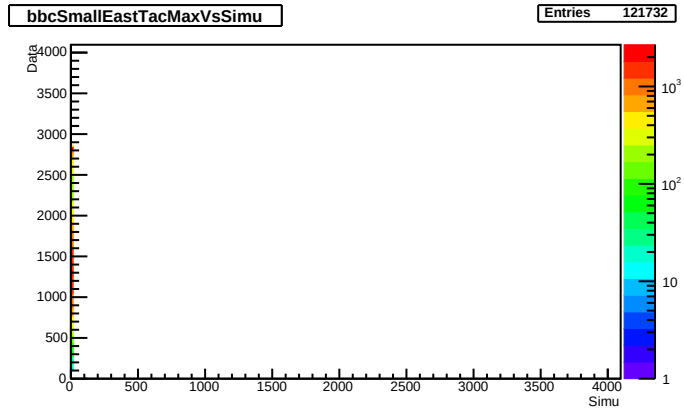

EQ3 QTC
Entries 1.527936e+07
ADC
QT Input Channel

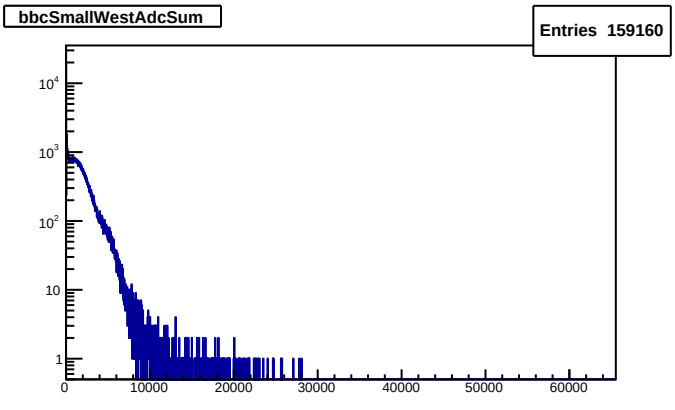

EQ3 QTC
Entries 1.527936e+07
TADC
QT Input Channel

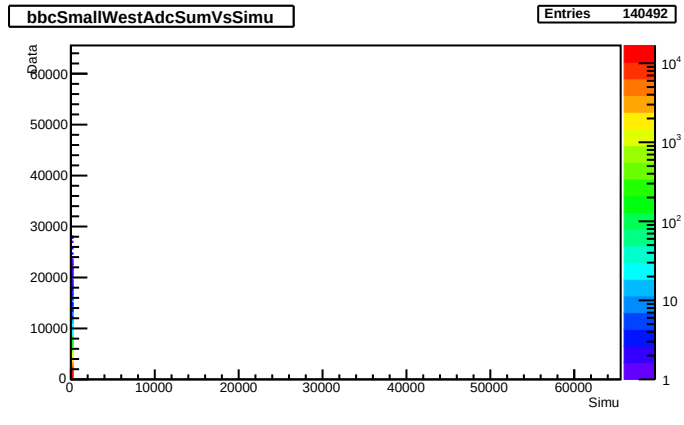

bbcSmallEastAdcSum
Entries 159160

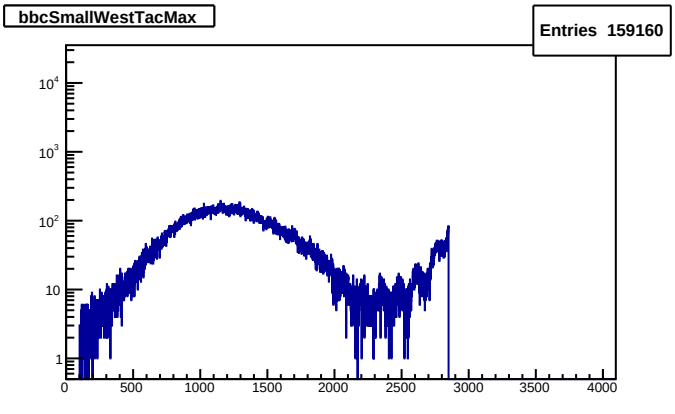

bbcSmallEastAdcSumVsSimu
Entries 121732
Data
Simu

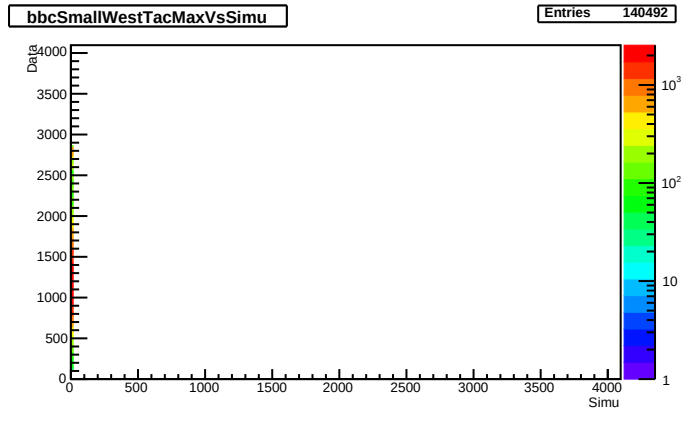

bbcSmallEastTacMax
Entries 159160

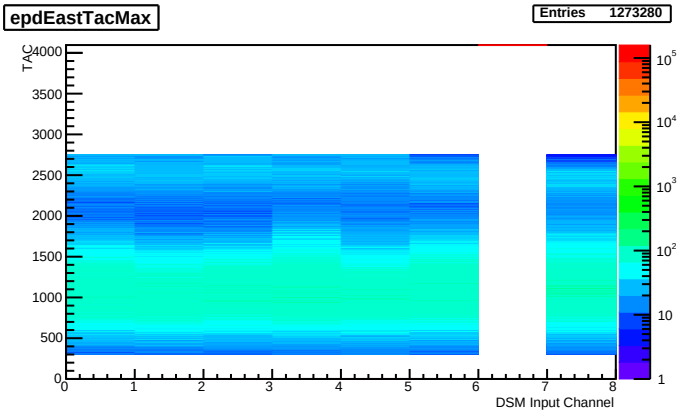

bbcSmallEastTacMaxVsSimu
Entries 121732
Data
Simu

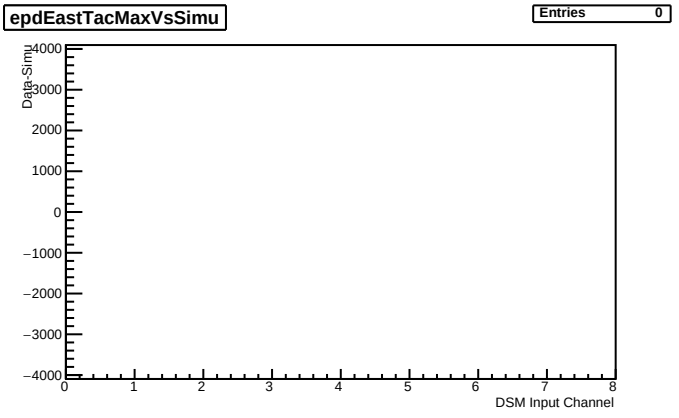

bbcSmallWestAdcSum
Entries 159160

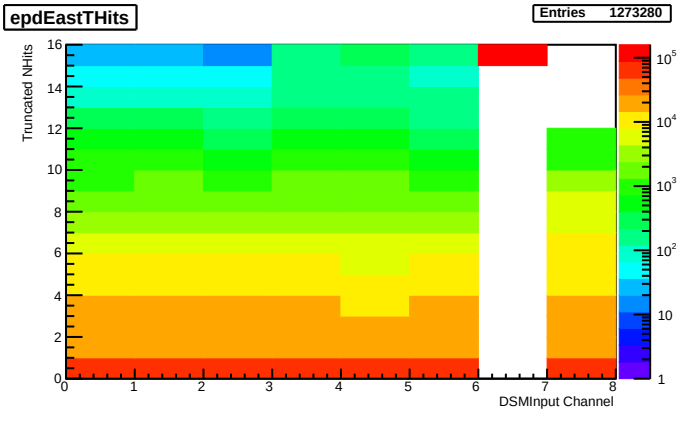

bbcSmallWestAdcSumVsSimu
Entries 140492
Data
Simu

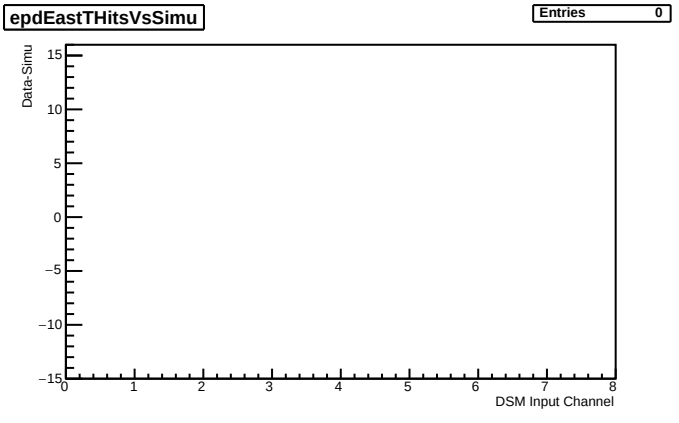

bbcSmallWestTacMax
Entries 159160

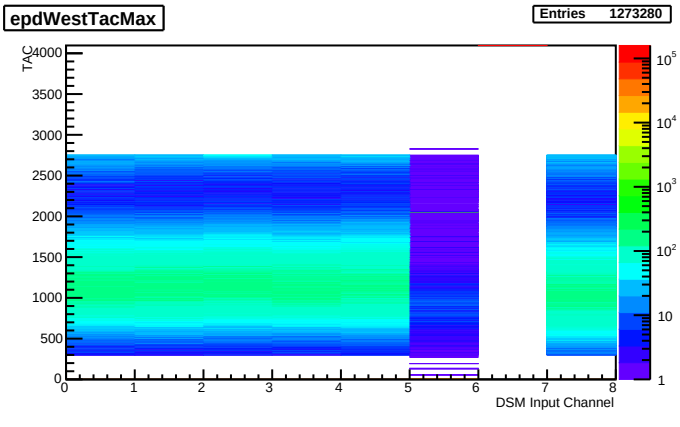

bbcSmallWestTacMaxVsSimu
Entries 140492
Data
Simu

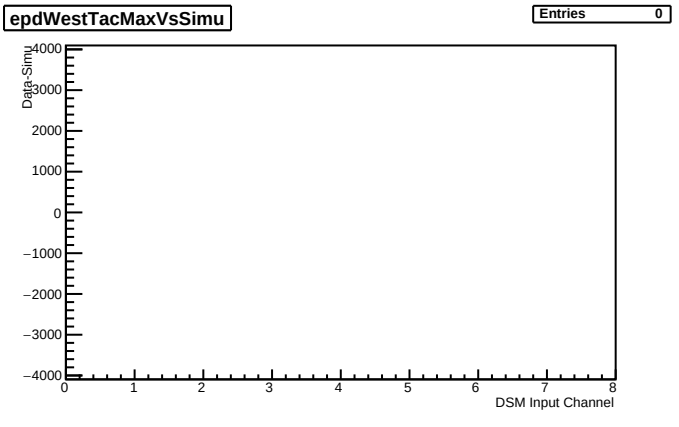

epdEastTacMax
Entries 1273280
TAC
DSM Input Channel

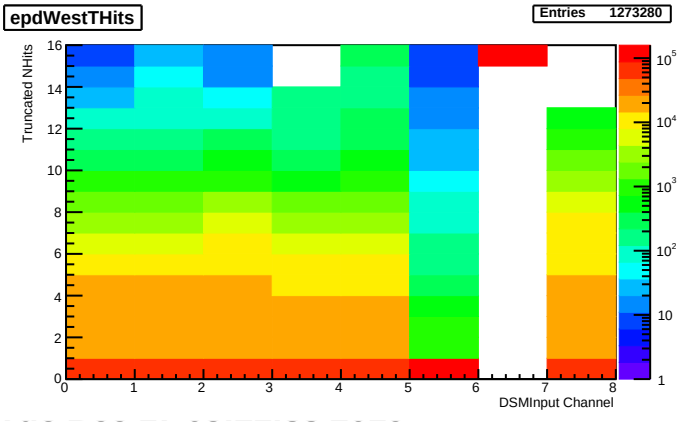

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

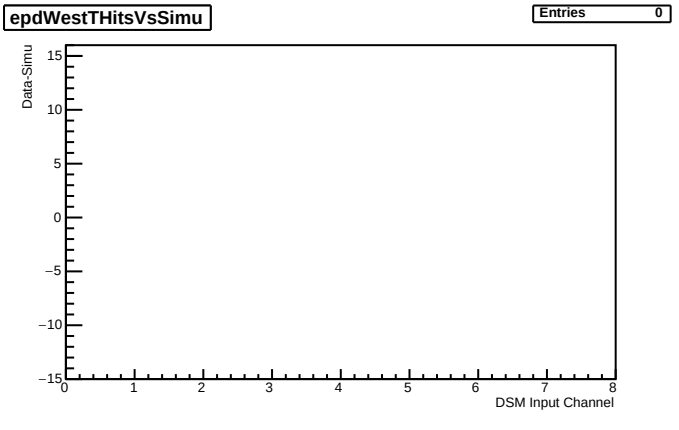

epdEastTHits
Entries 1273280
Truncated NHits
DSMInput Channel

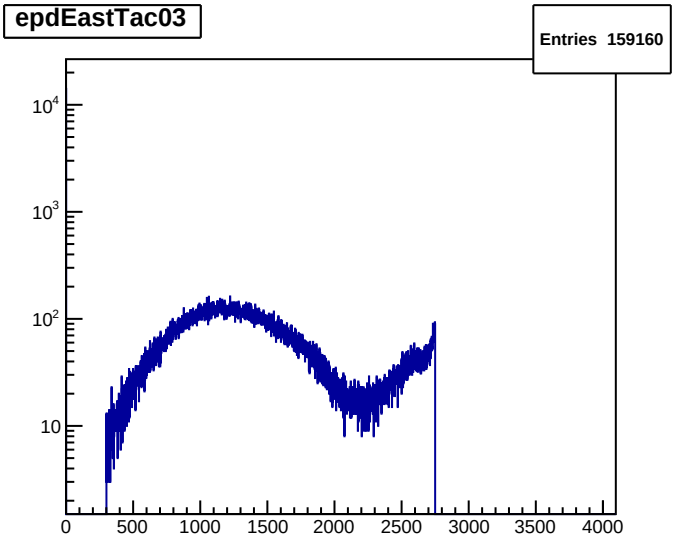

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

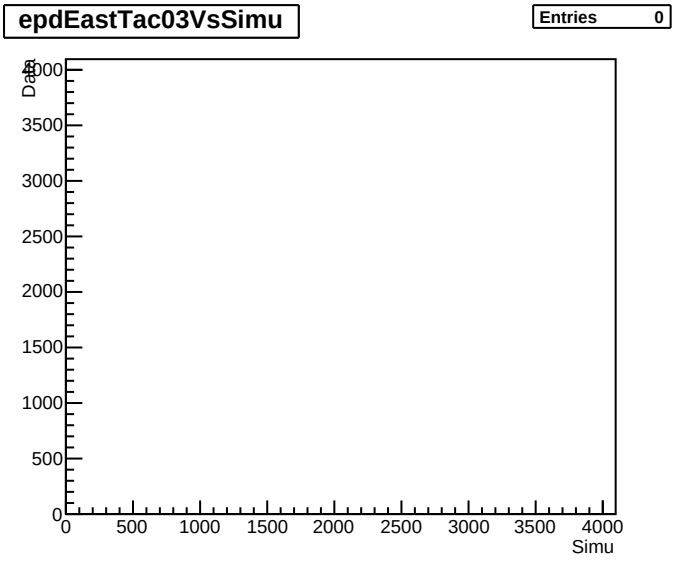

epdWestTacMax
Entries 1273280
TAC
DSM Input Channel

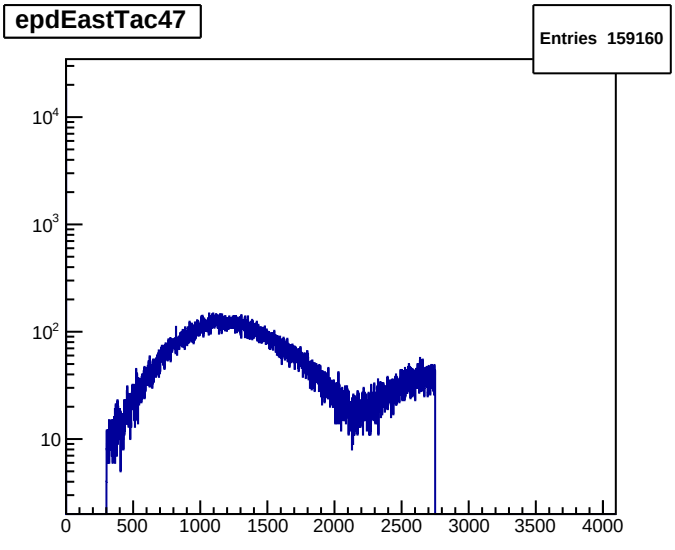

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

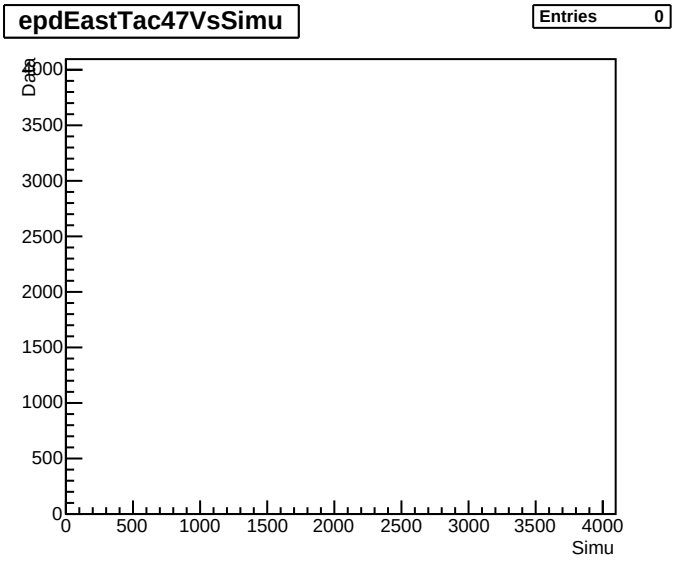

epdWestTHits
Entries 1273280
Truncated NHits
DSMInput Channel

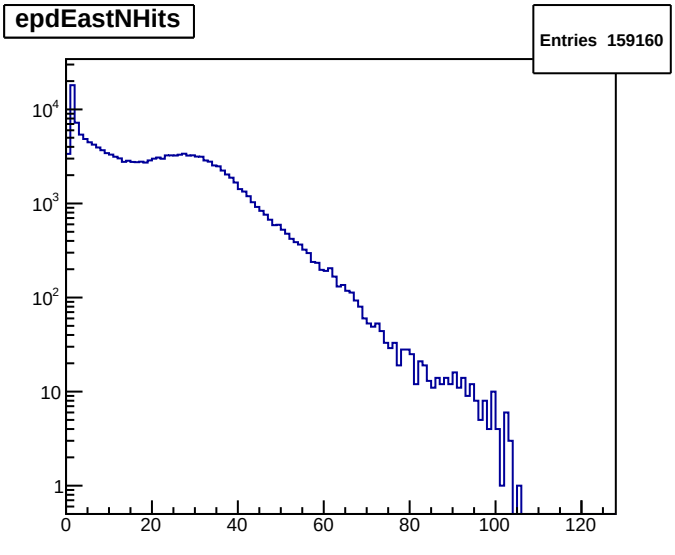

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

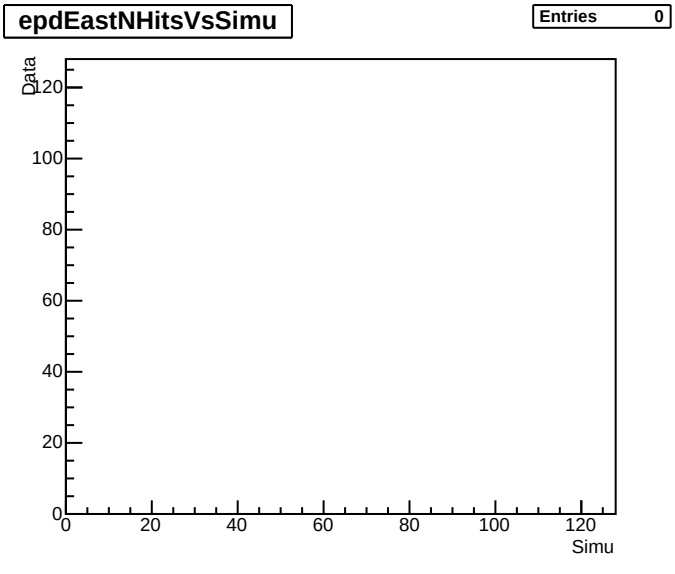

epdEastTac03
Entries 159160


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 159160


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 159160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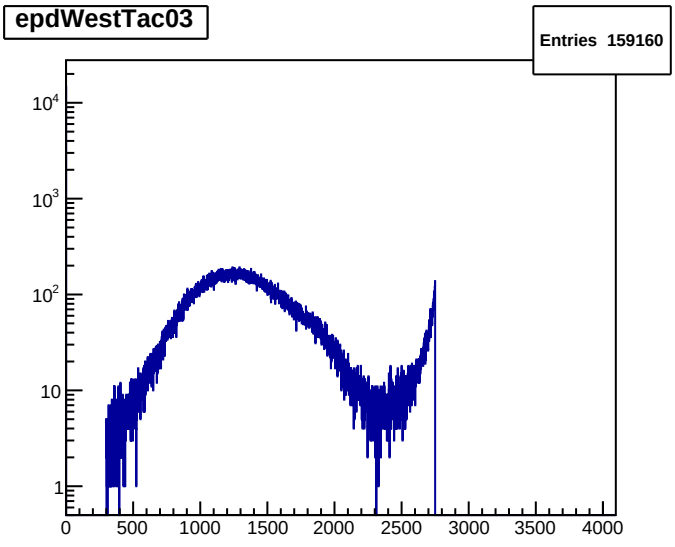
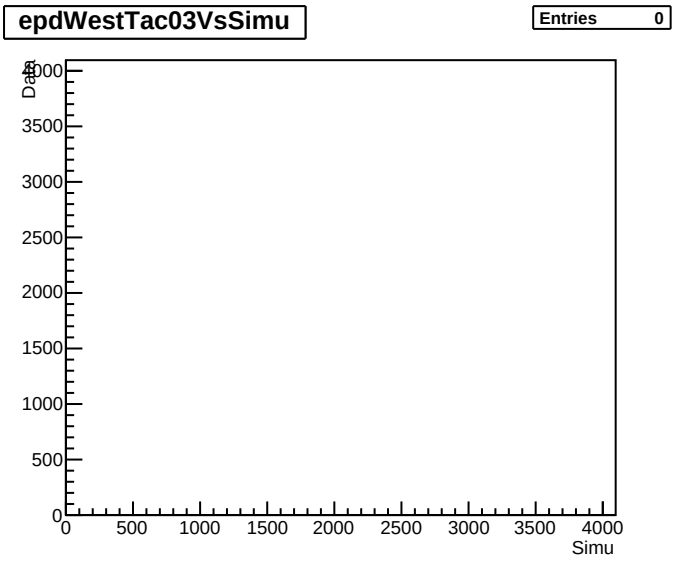
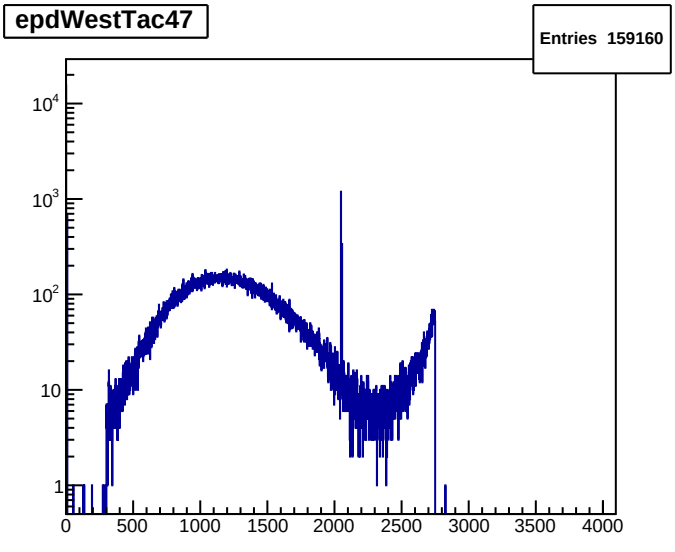
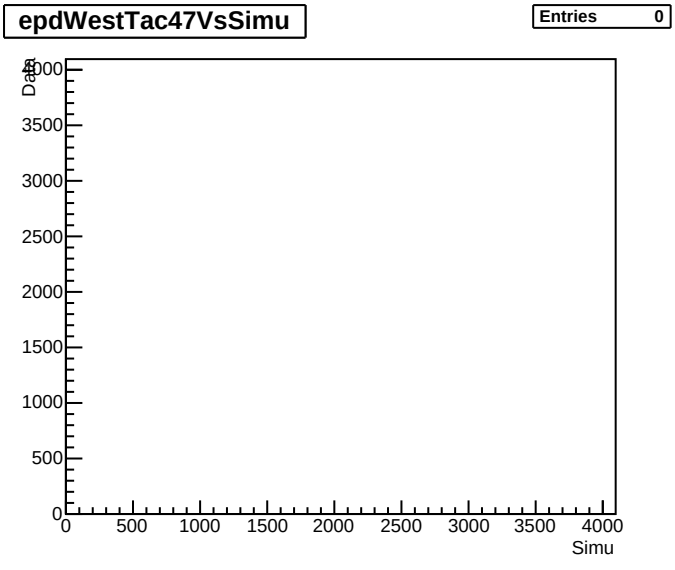
Entries 0
Data
Simu


epdWestTac03
Entries 159160


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 159160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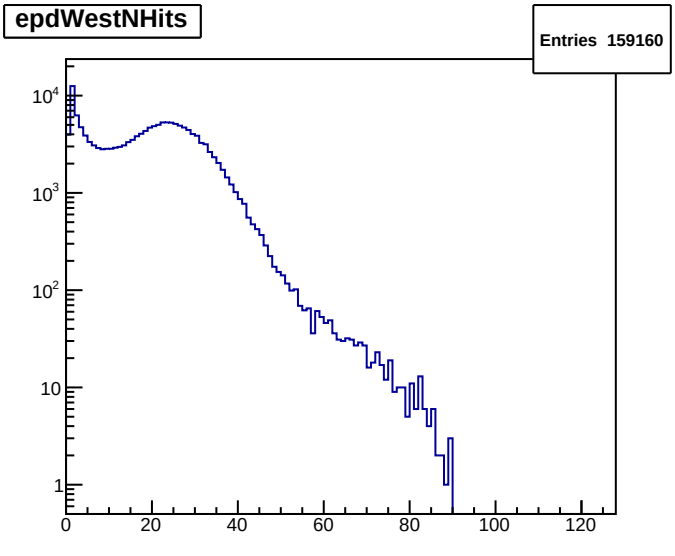
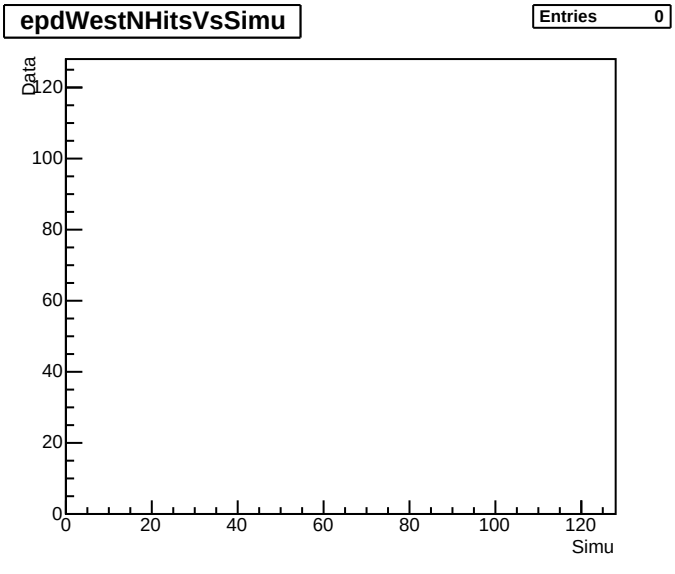
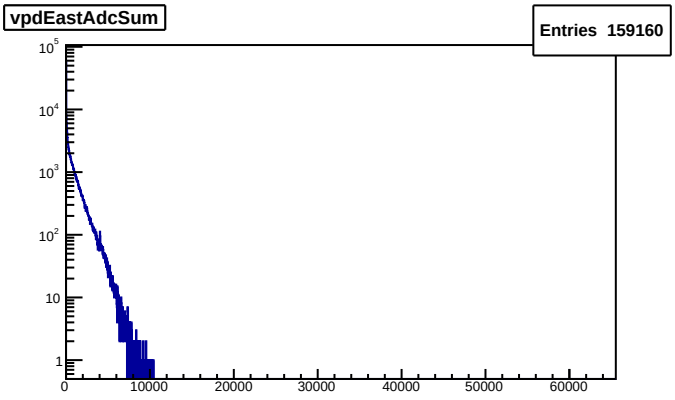
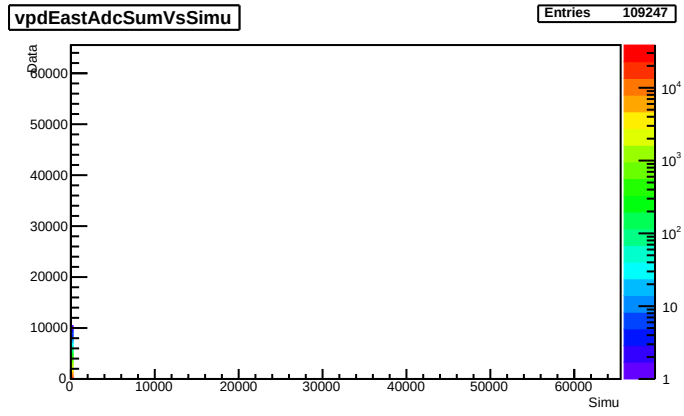
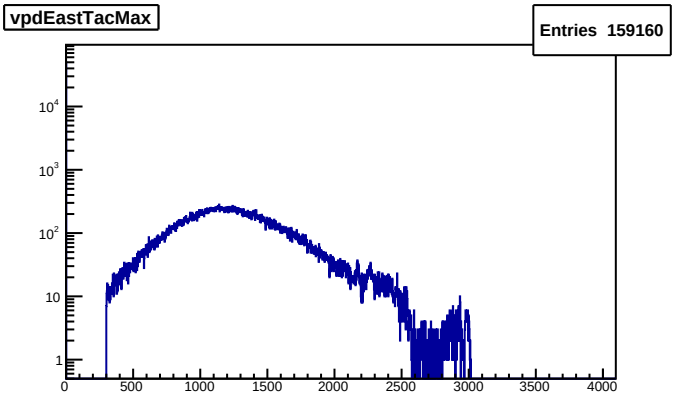
Entries 0
Data
Simu

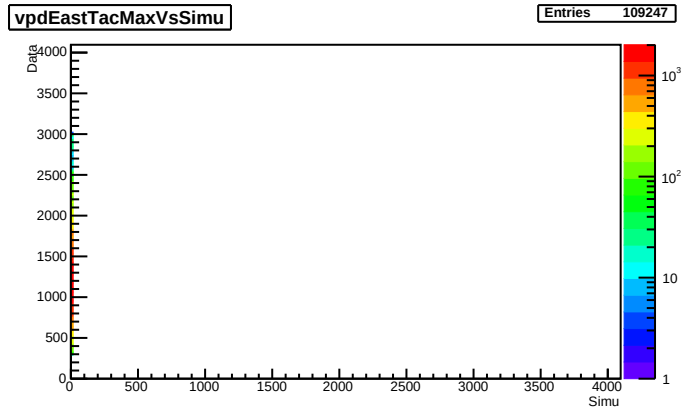

epdWestNHits
Entries 159160

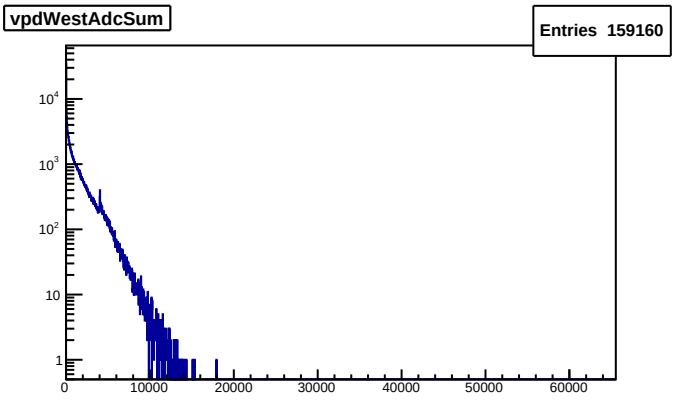

epdWestNHitsVsSimu
Entries 0
Data
Simu

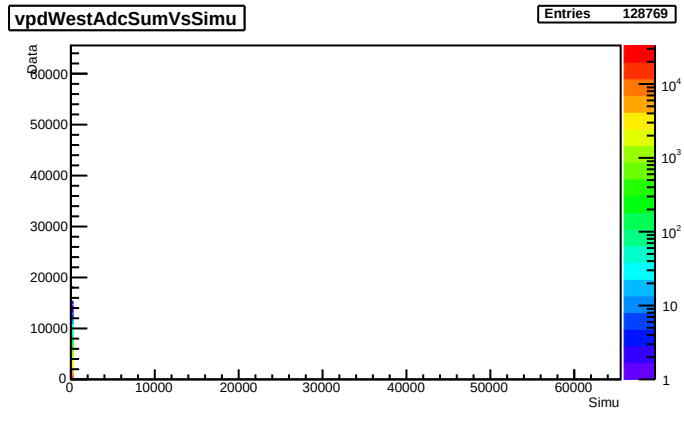

vpdEastAdcSum
Entries 159160

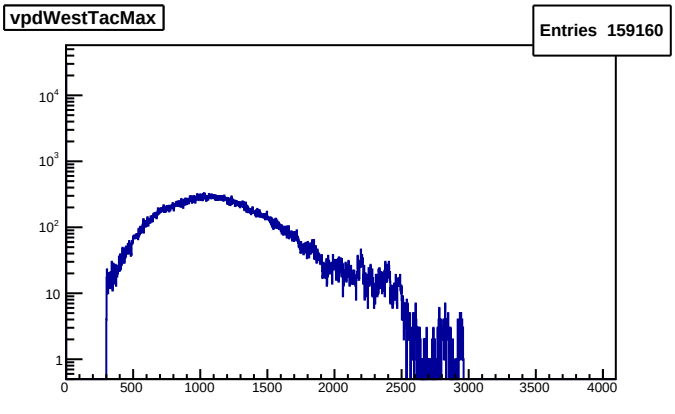

vpdEastAdcSumVsSimu
Entries 109247
Data
Simu

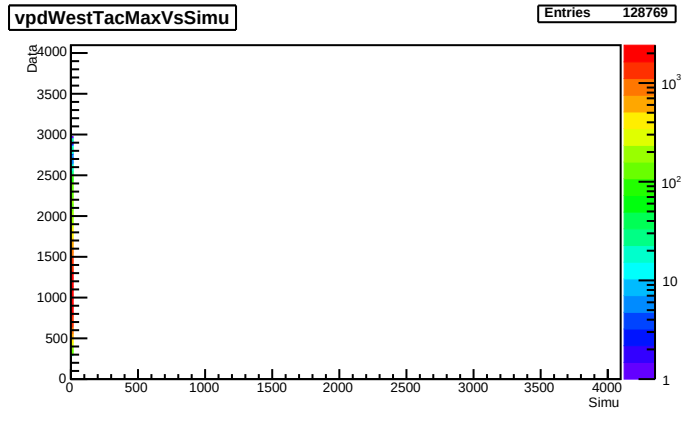

vpdEastTacMax
Entries 159160

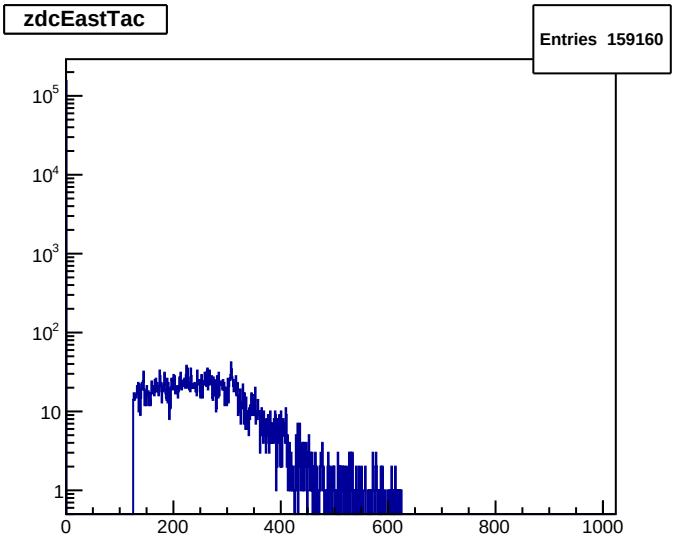

vpdEastTacMaxVsSimu
Entries 109247
Data
Simu

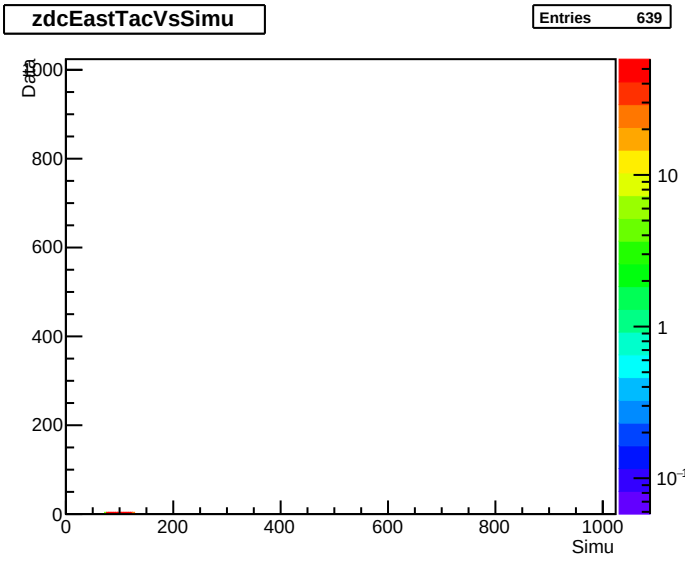

vpdWestAdcSum
Entries 159160

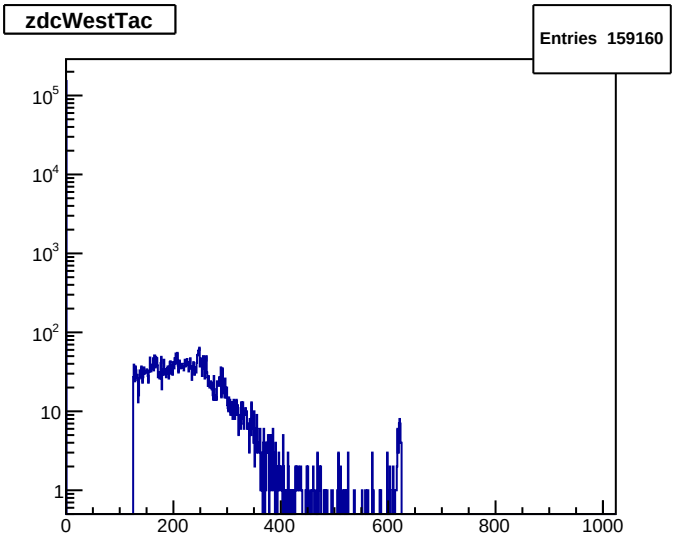

vpdWestAdcSumVsSimu
Entries 128769
Data
Simu

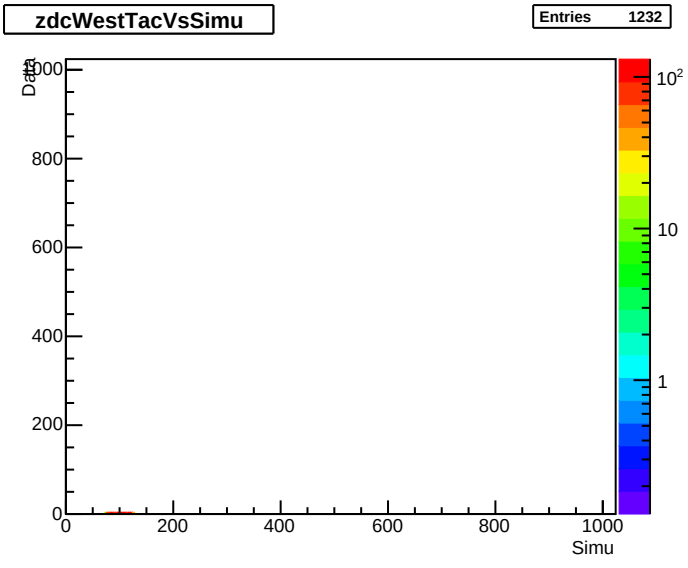

vpdWestTacMax
Entries 159160

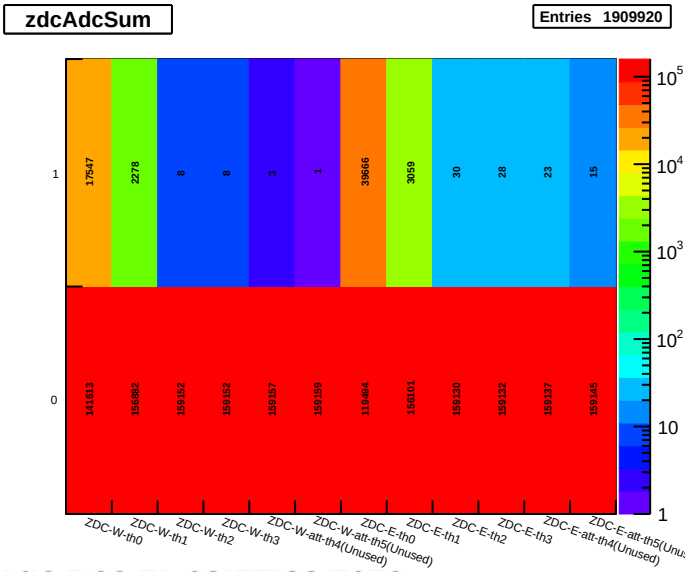

vpdWestTacMaxVsSimu
Entries 128769
Data
Simu

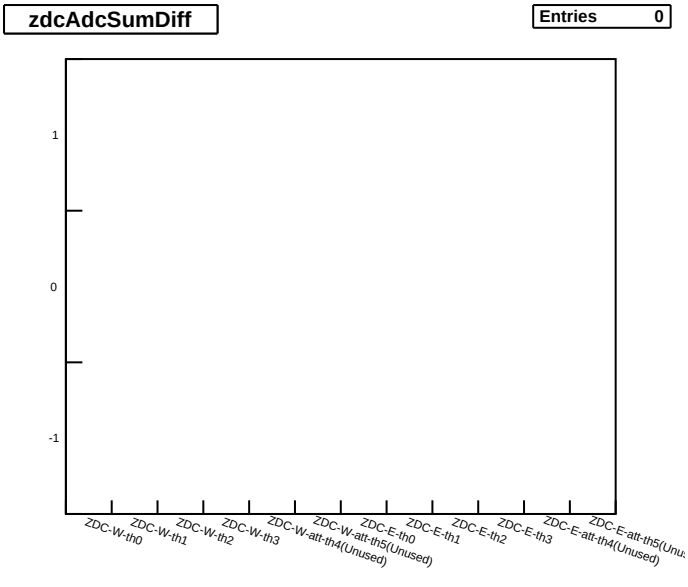

zdcEastTac
Entries 159160

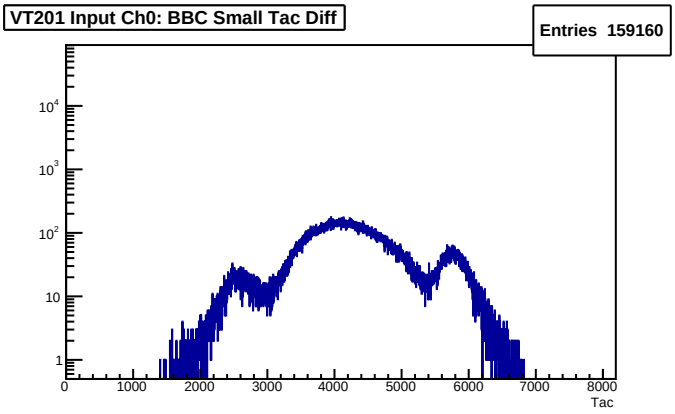

zdcEastTacVsSimu
Entries 639
Data
Simu

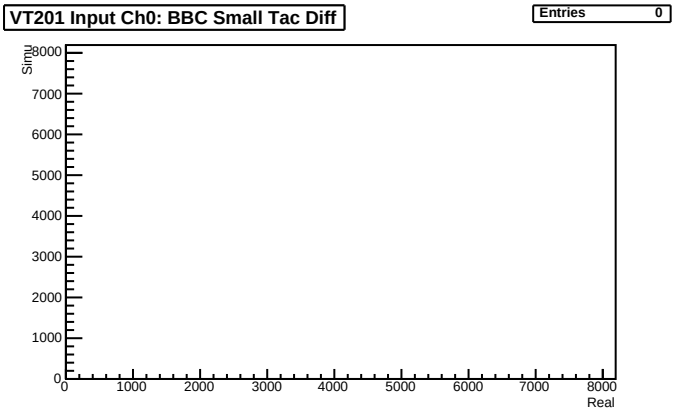

zdcWestTac
Entries 159160

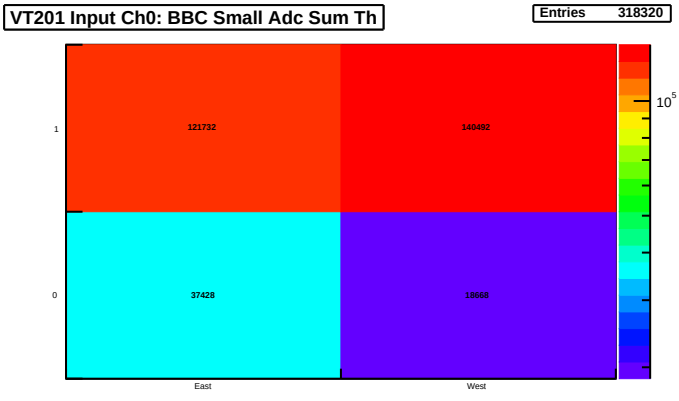

zdcWestTacVsSimu
Entries 1232
Data
Simu

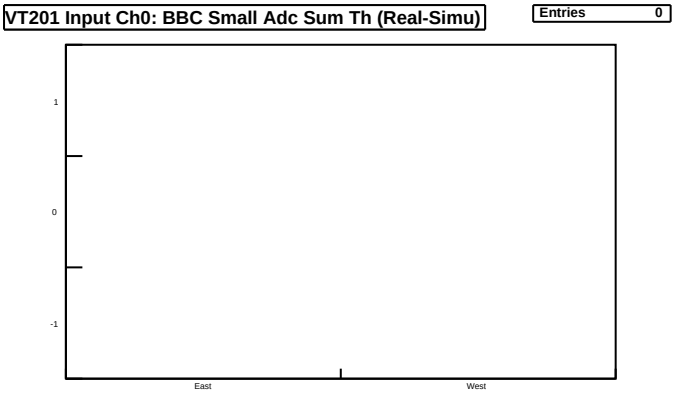

zdcAdcSum
Entries 1909920
17547
2278
8
8
3
1
39666
3059
30
28
23
15
141613
156882
159152
159152
159157
159159
119494
156101
159130
159132
159137
159145
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

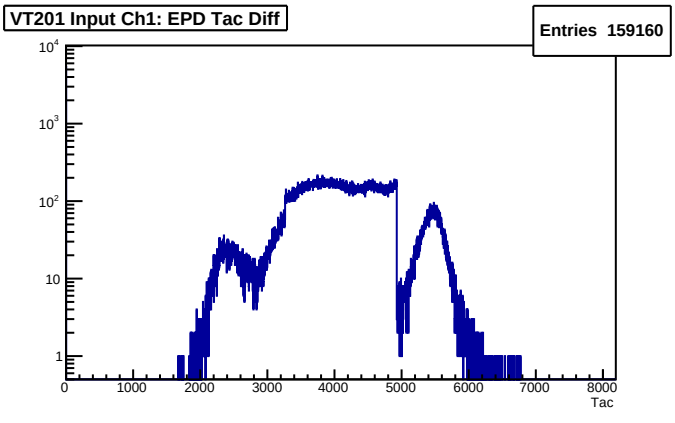

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

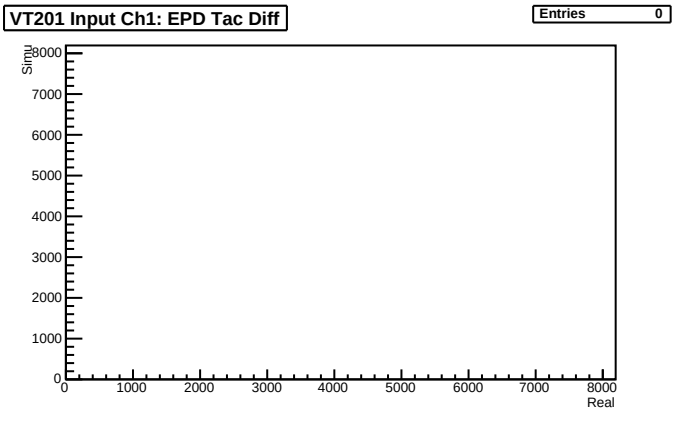

VT201 Input Ch0: BBC Small Tac Diff
Entries 159160
Tac

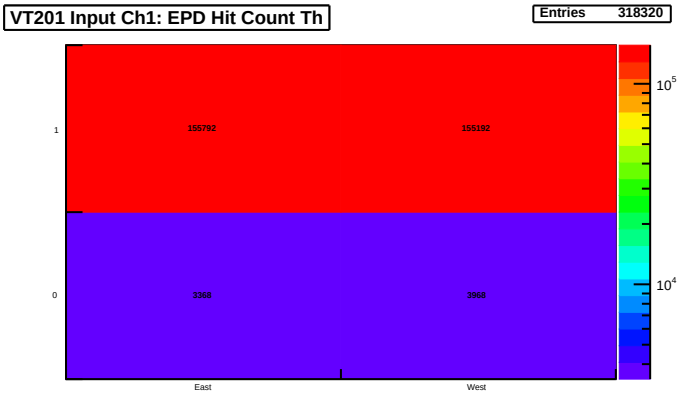

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

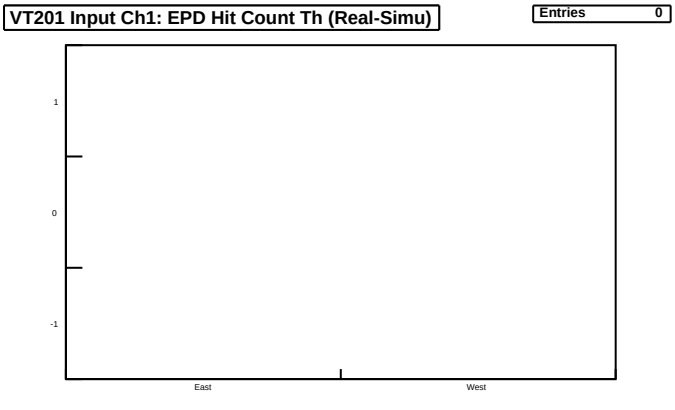

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 318320
121732
140492
37428
18668
East
West

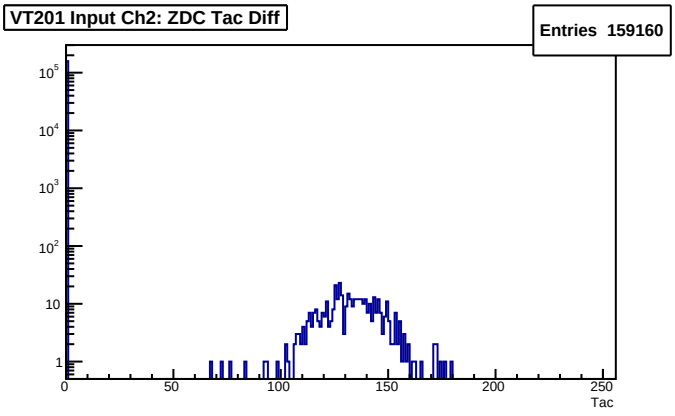

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

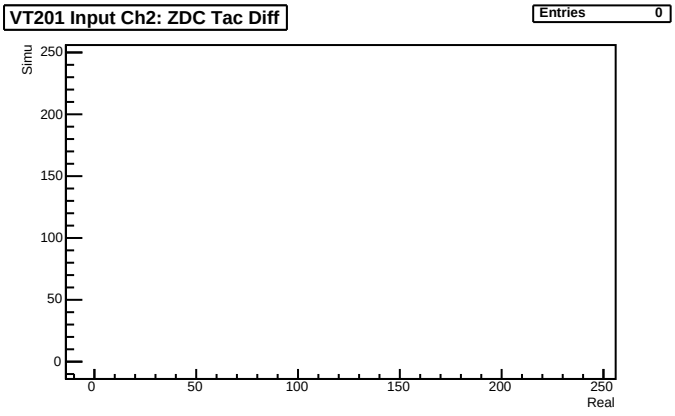

VT201 Input Ch1: EPD Tac Diff
Entries 159160
Tac

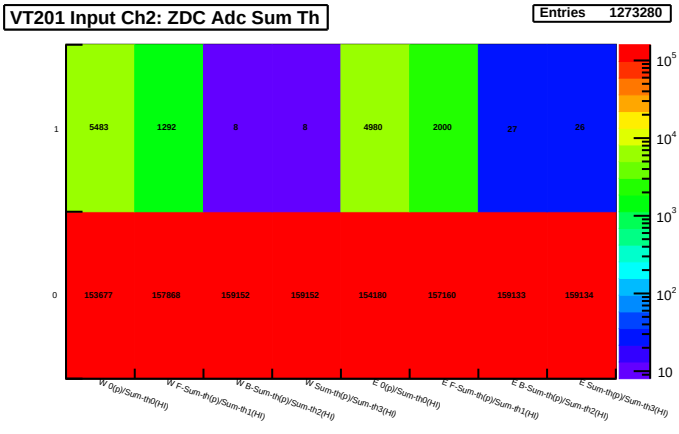

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

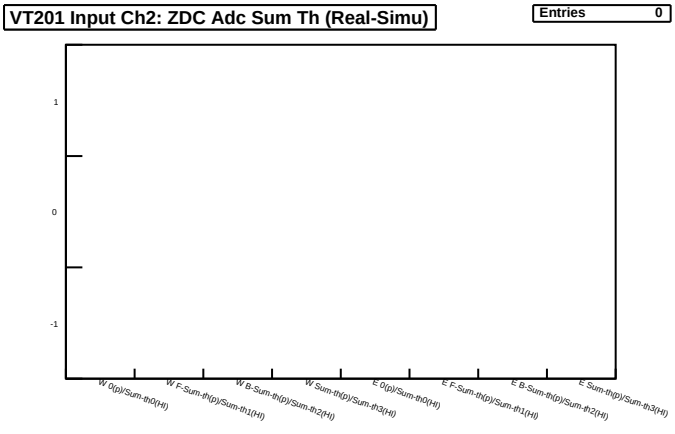

VT201 Input Ch1: EPD Hit Count Th
Entries 318320
155792
155192
3368
3968
East
West

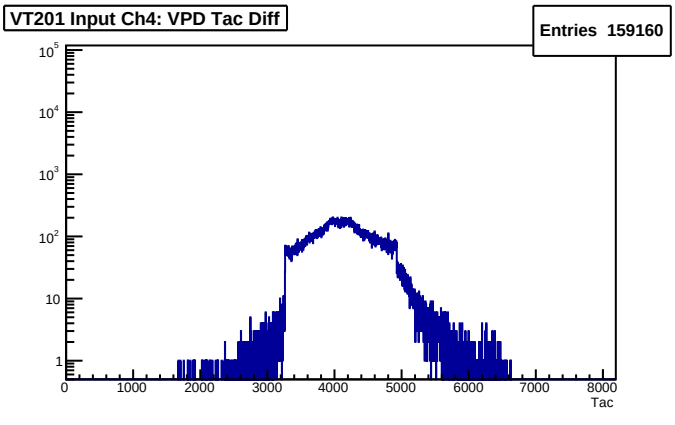

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

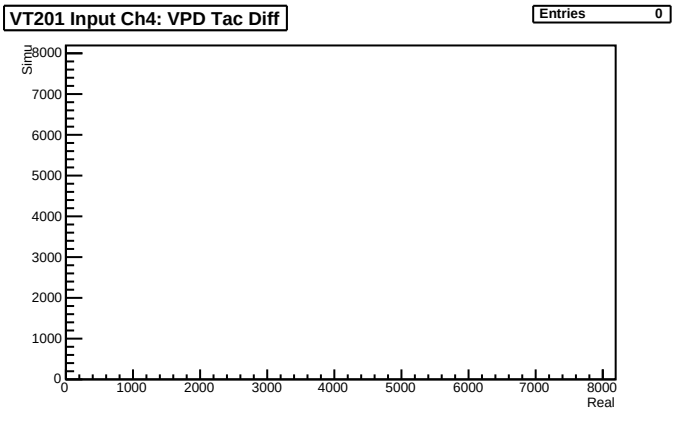

VT201 Input Ch2: ZDC Tac Diff
Entries 159160
Tac

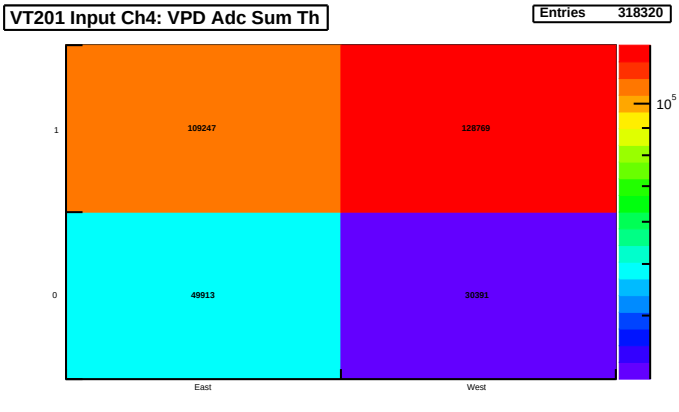

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

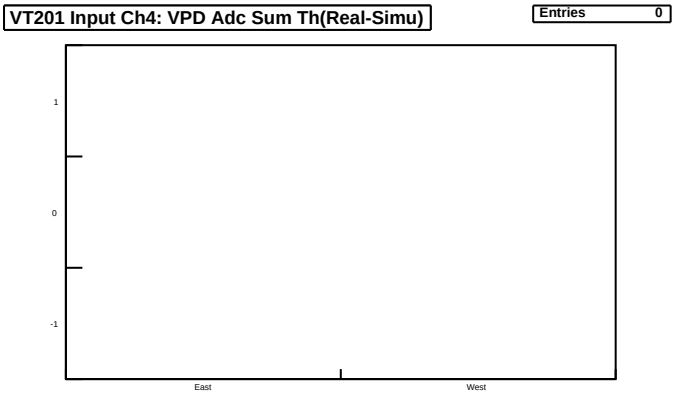

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1273280
5483
1292
8
8
4980
2000
27
26
153677
157868
159152
159152
154180
157160
159133
159134
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

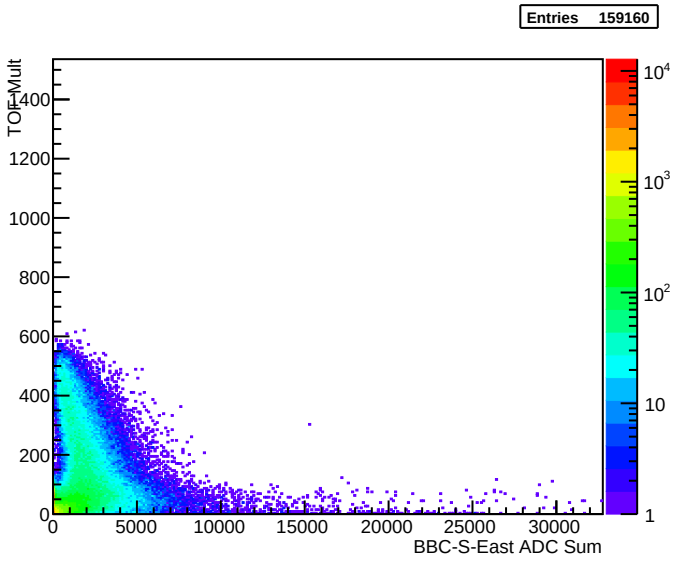

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

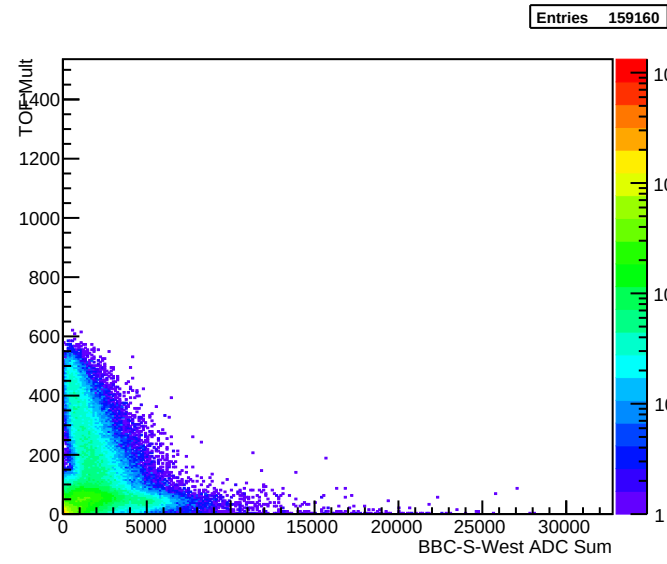

VT201 Input Ch4: VPD Tac Diff
Entries 159160
Tac

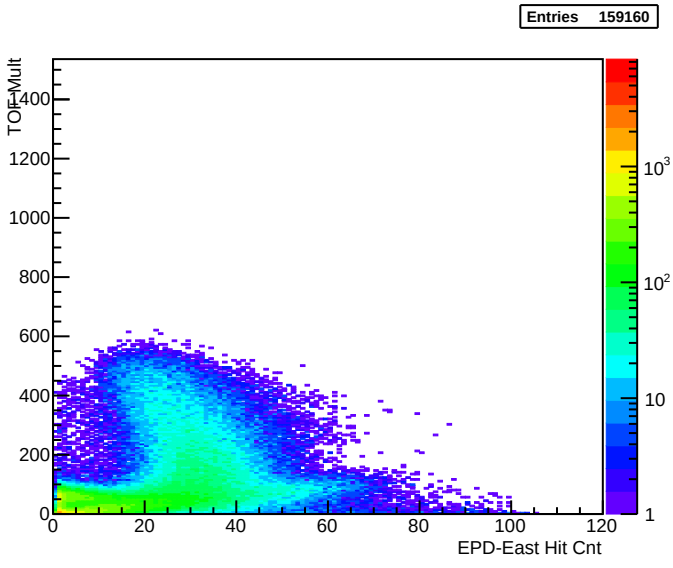

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

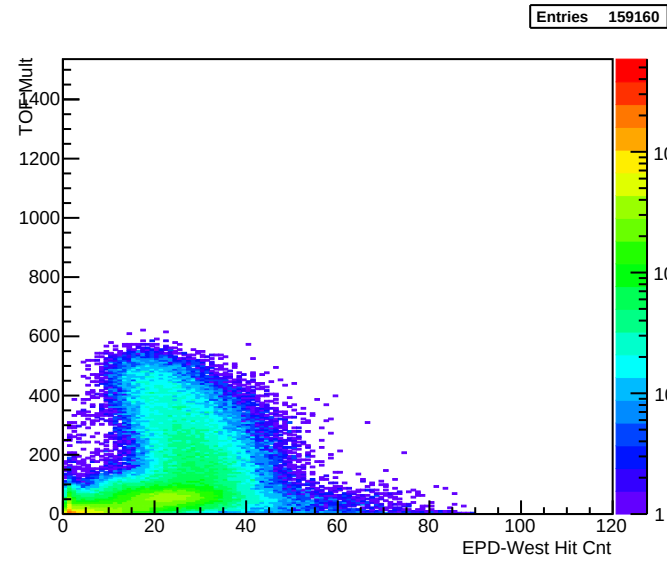

VT201 Input Ch4: VPD Adc Sum Th
Entries 318320
109247
128769
49913
30391
East
West

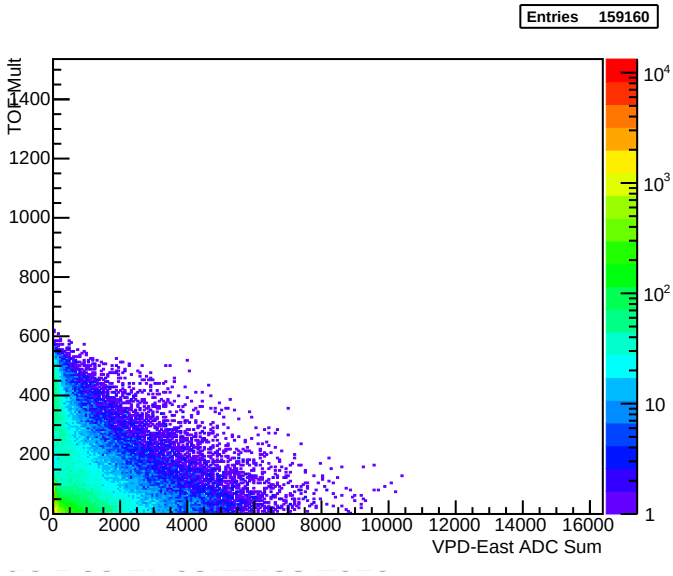

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

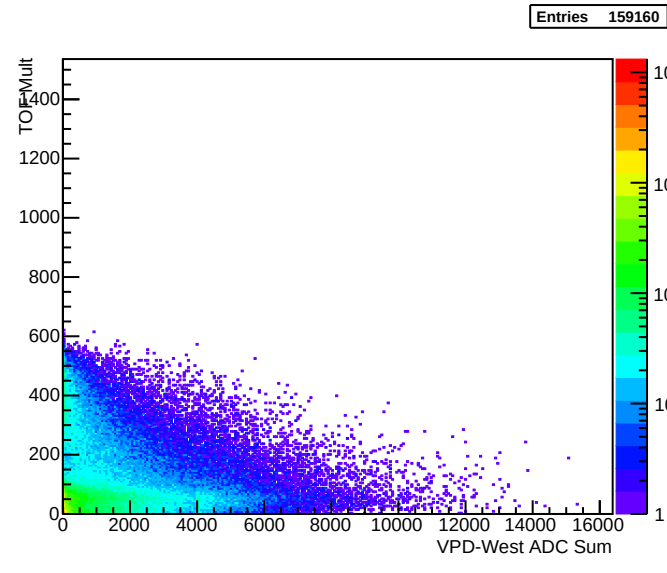

Entries 159160
TOF-Mult
BBC-S-East ADC Sum

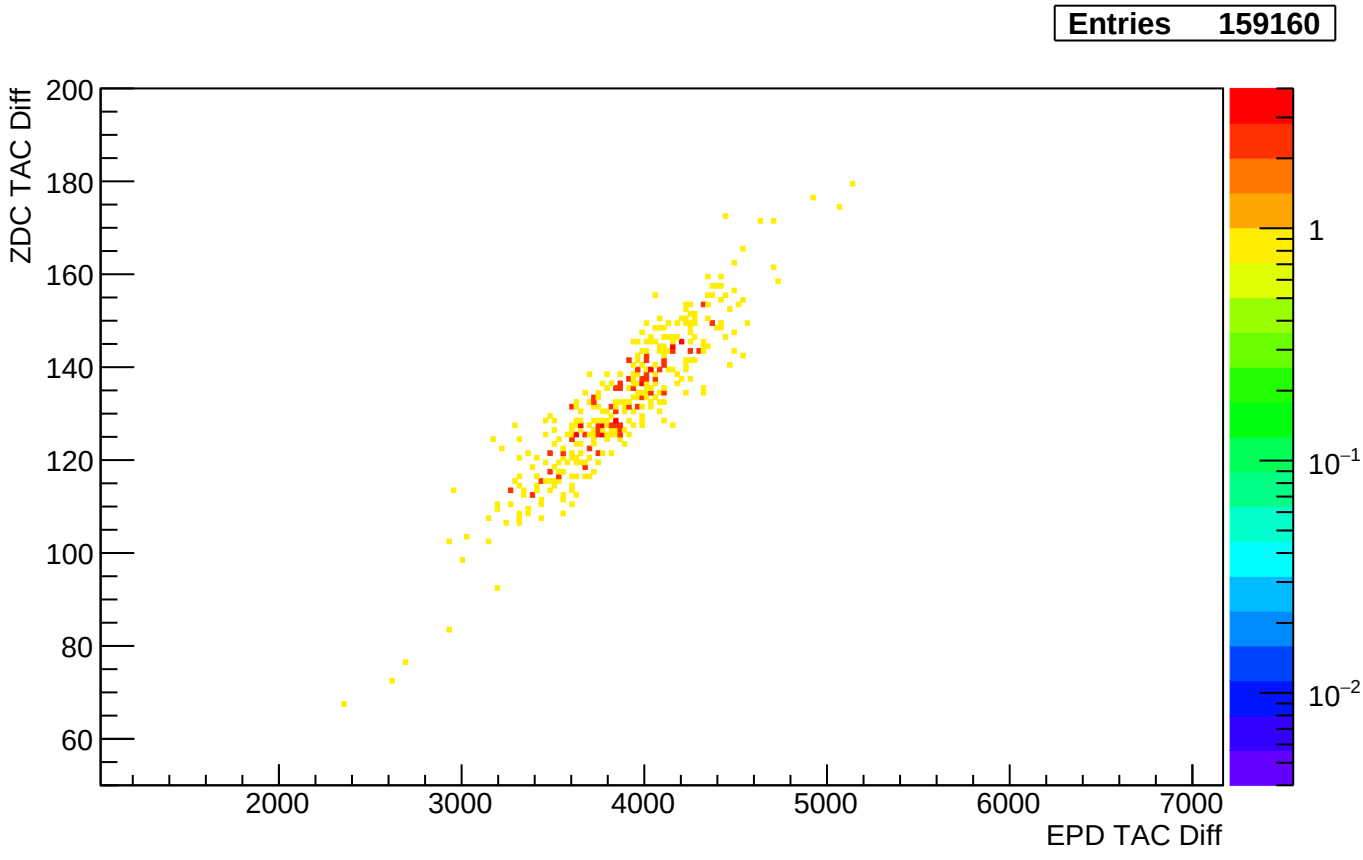

Entries 159160
TOF-Mult
BBC-S-West ADC Sum

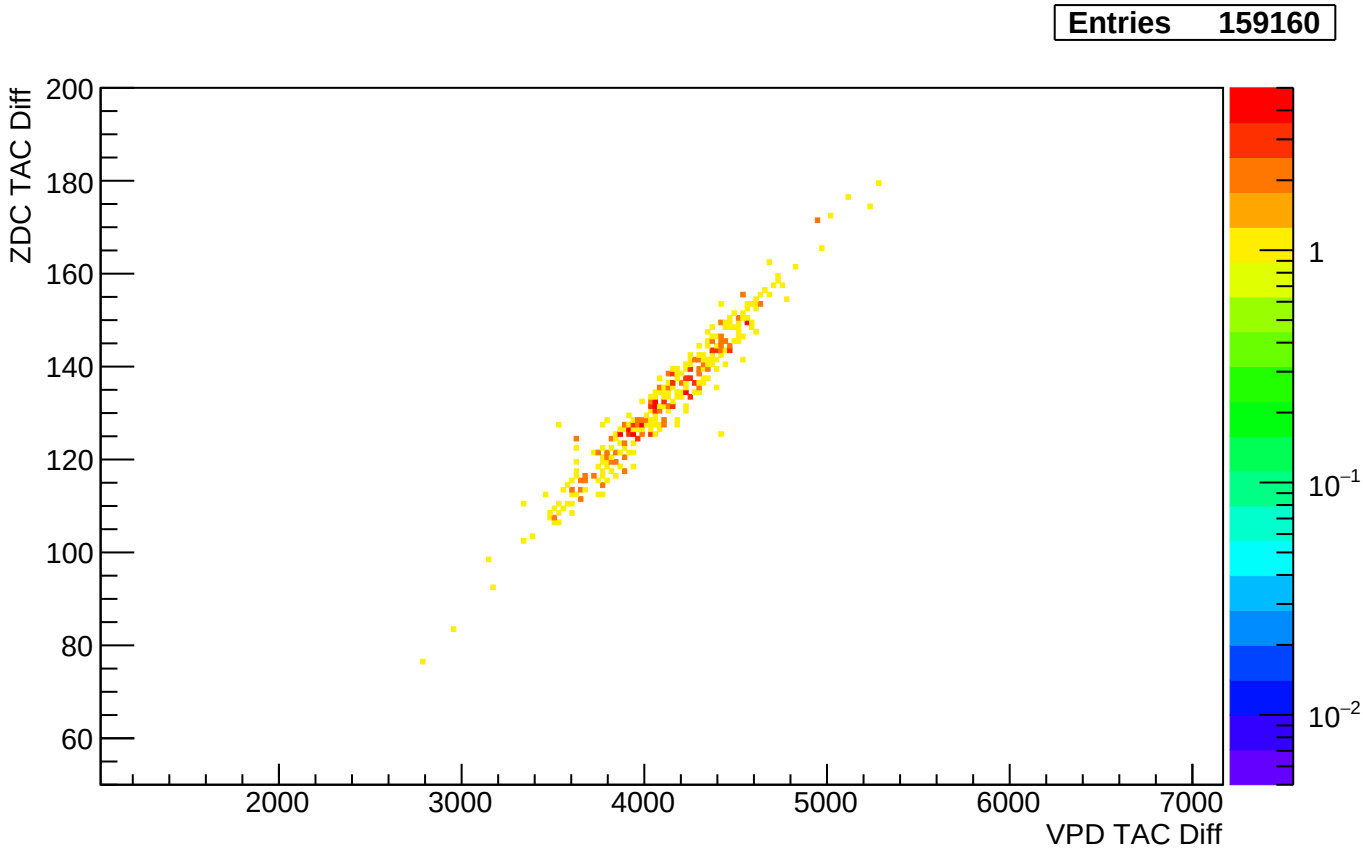

Entries 159160
TOF-Mult
EPD-East Hit Cnt

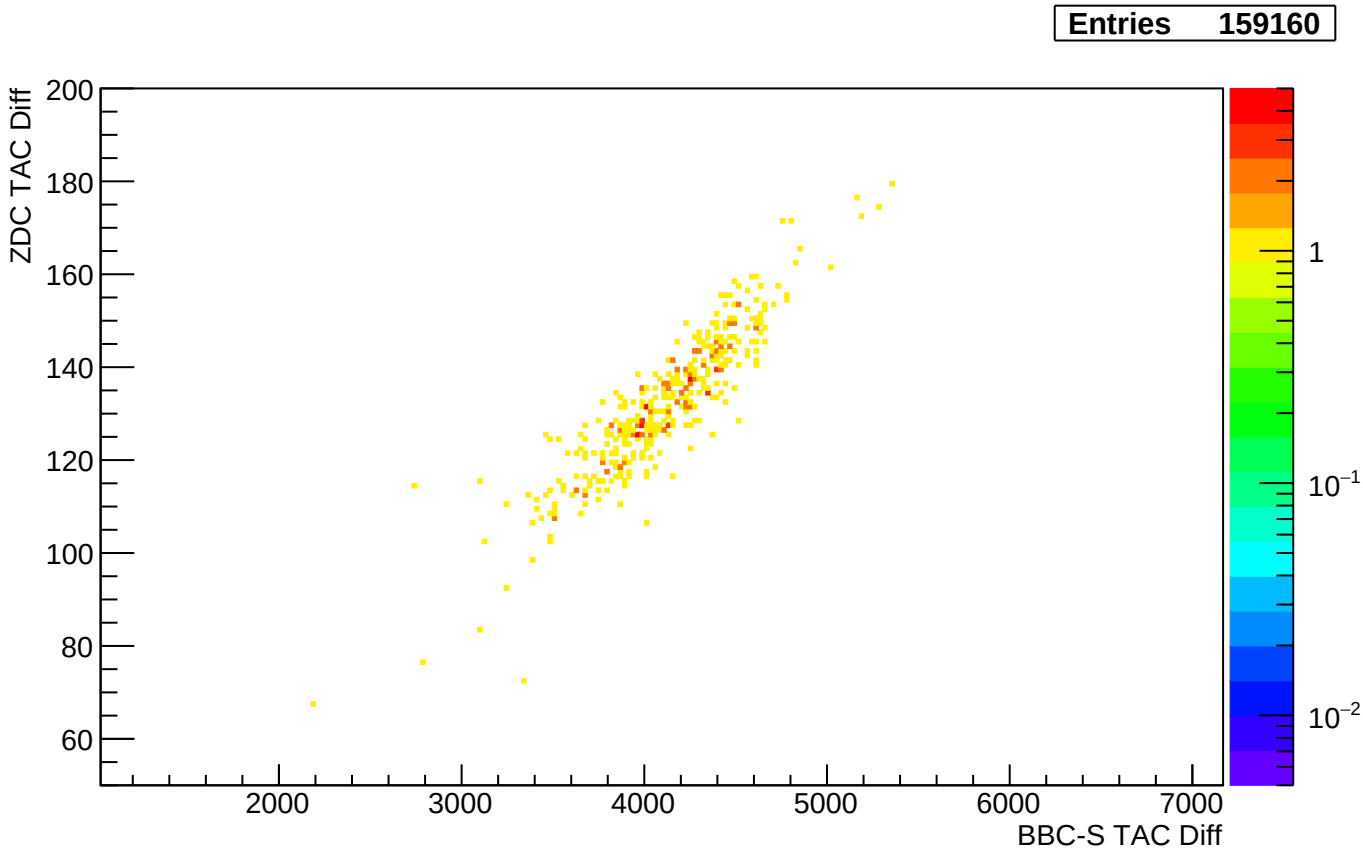

Entries 159160
TOF-Mult
EPD-West Hit Cnt

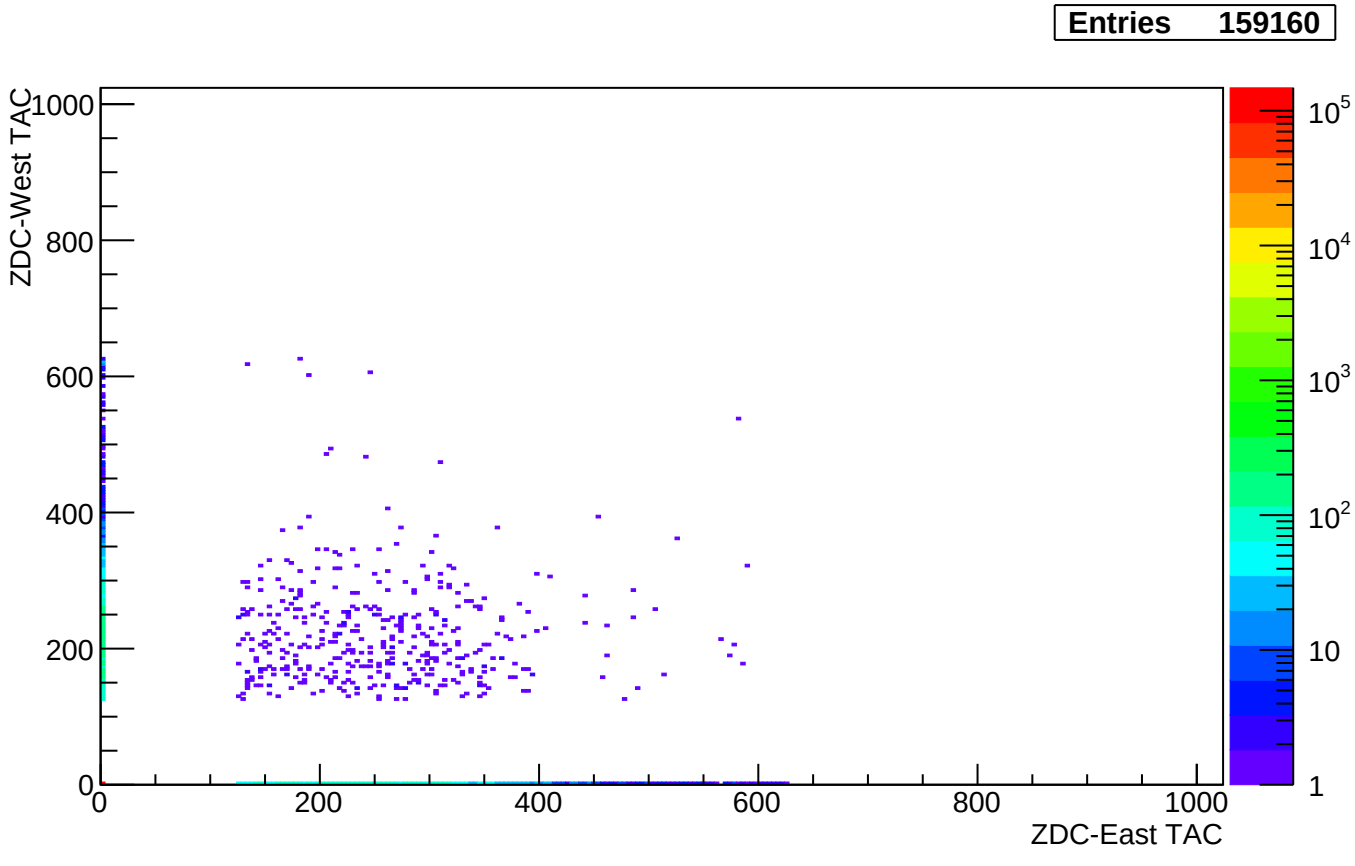

Entries 159160
TOF-Mult
VPD-East ADC Sum

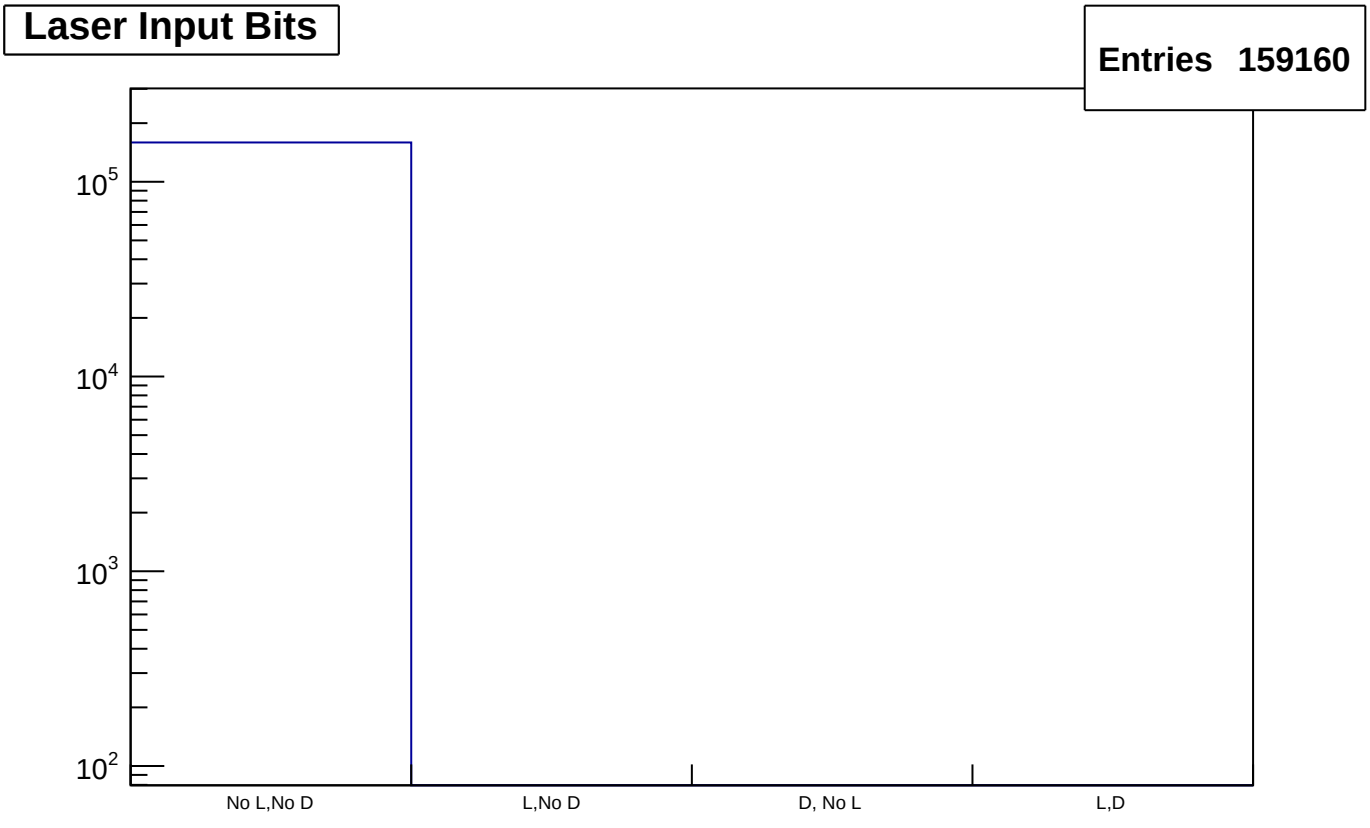

Entries 159160
TOF-Mult
VPD-West ADC Sum

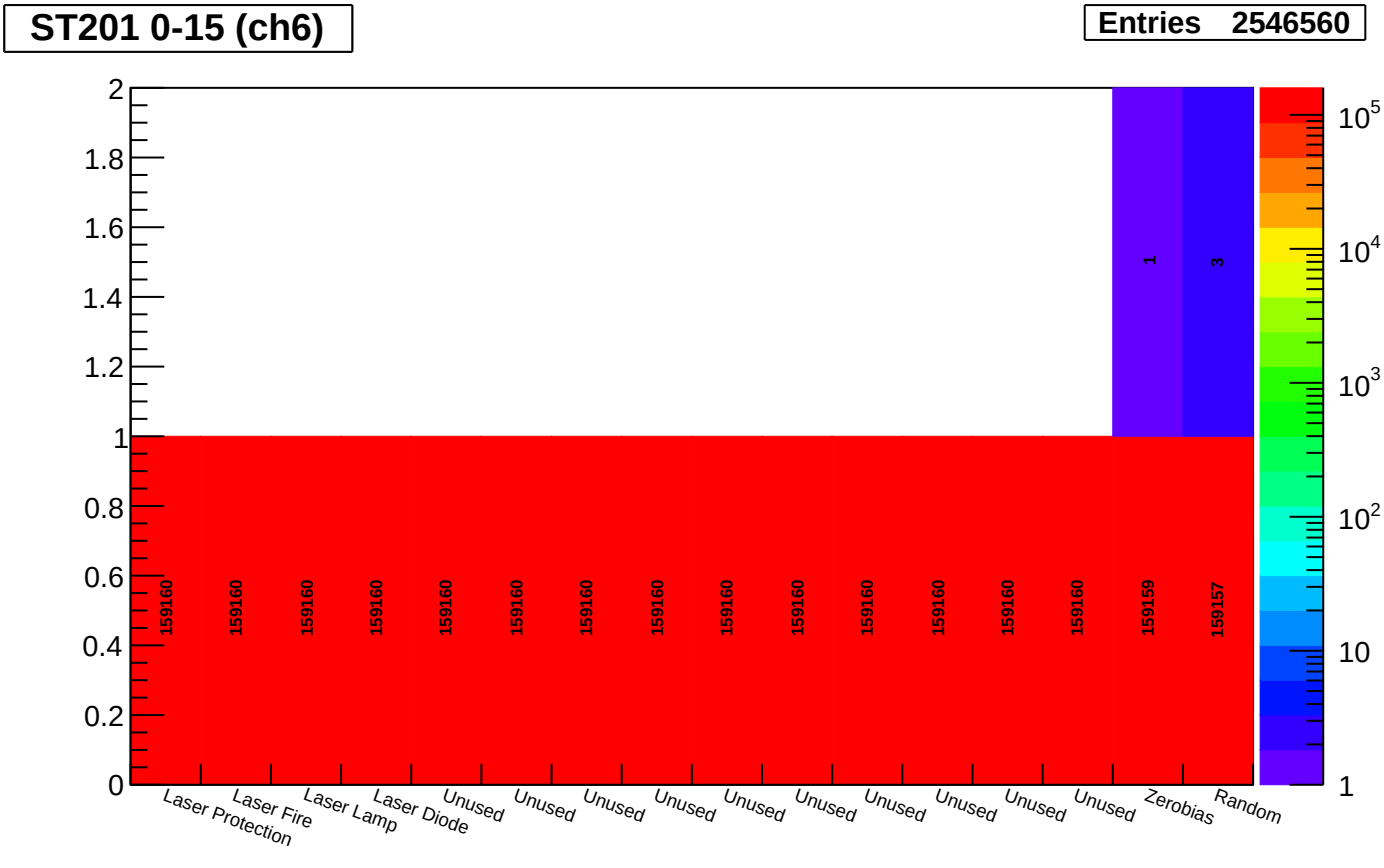

Entries 159160
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

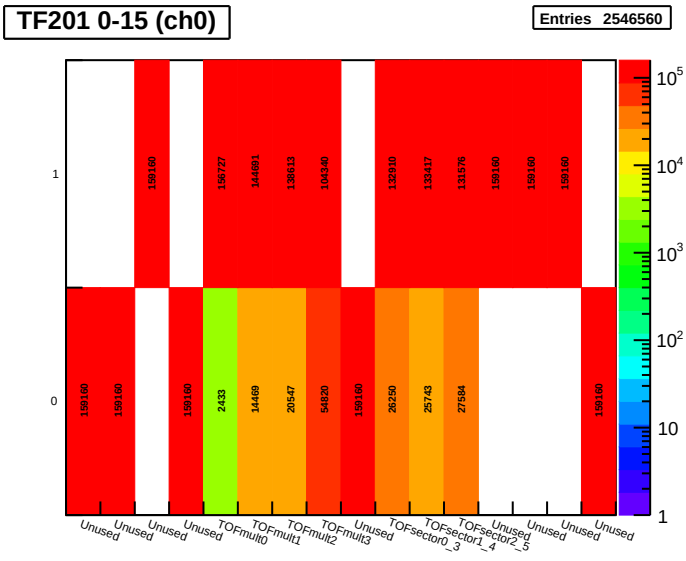

Entries 159160
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

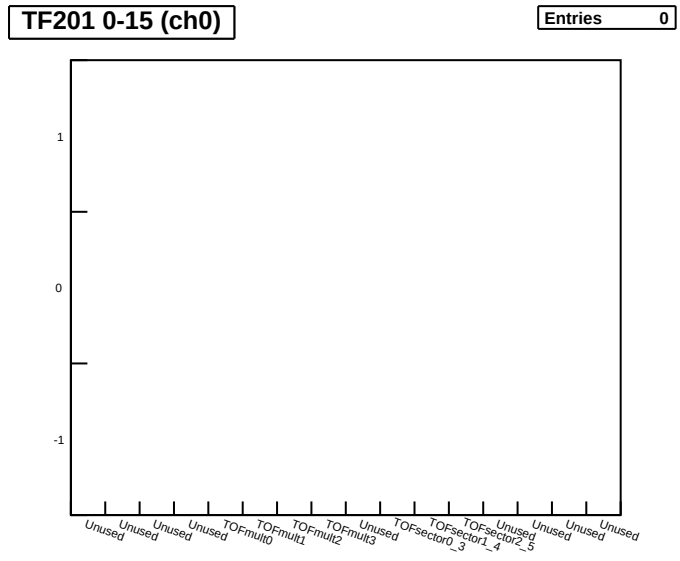

Entries 159160
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

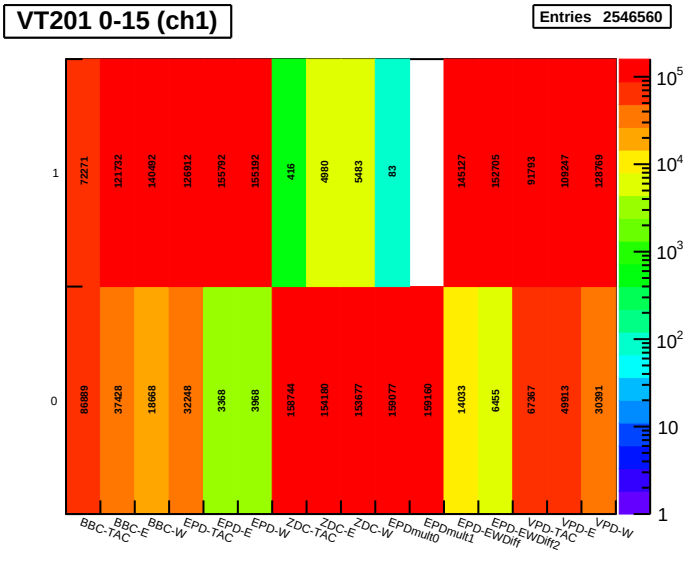

Entries 159160
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

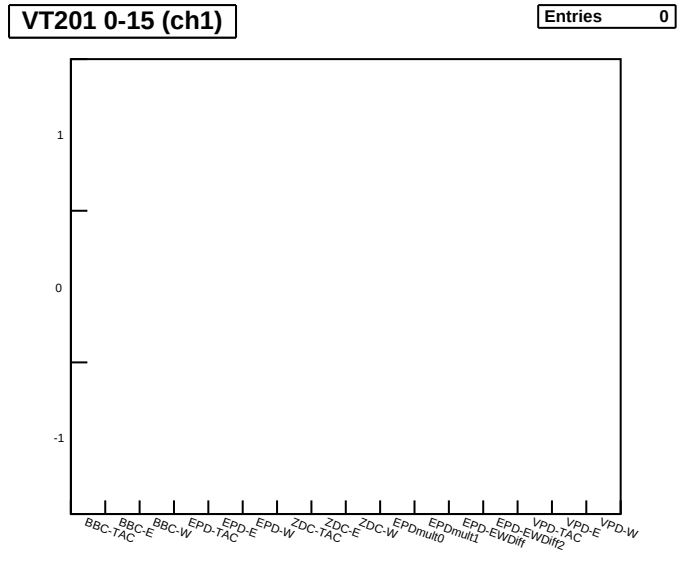

Laser Input Bits
Entries 159160
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

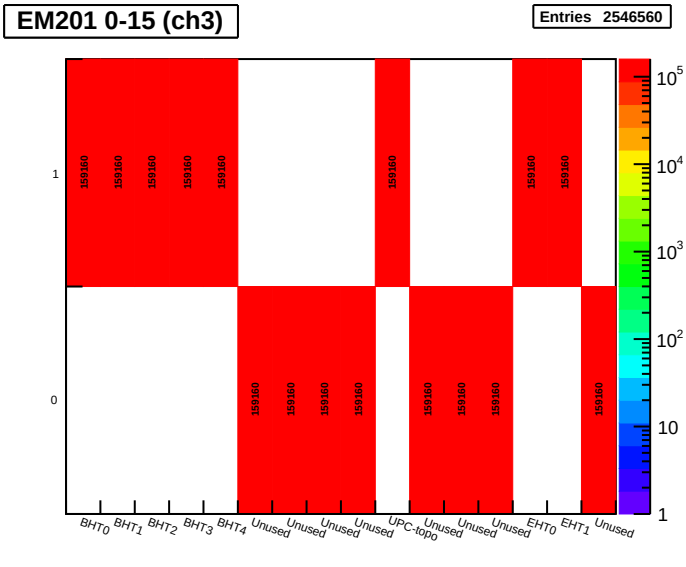

ST201 0-15 (ch6)
Entries 2546560
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
159160
159160
159160
159160
159160
159160
159160
159160
159160
159160
159160
159160
159160
159160
159159
159157
1
3
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

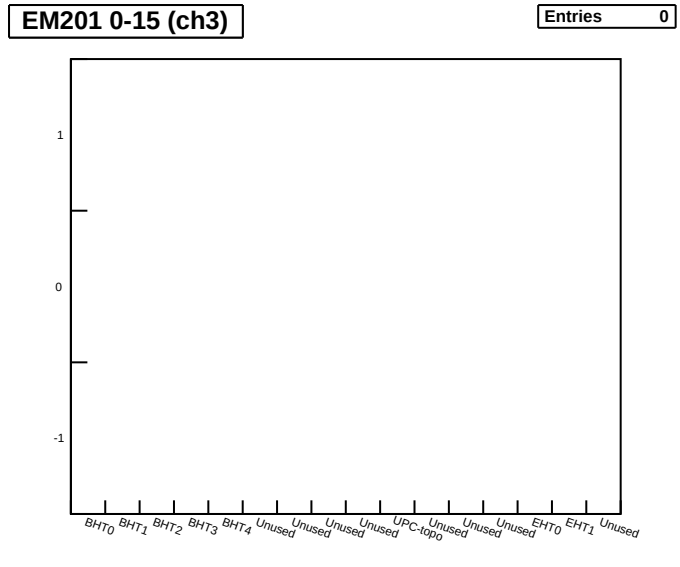

TF201 0-15 (ch0)
Entries 2546560
1
0
159160 159160 159160 2433 14469 20547 54820 159160 26250 25743 27584 159160
159160 156727 144691 138613 104340 132910 133417 131576 159160 159160 159160
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 2546560
1
0
72271 121732 140492 126912 155792 155192 416 4980 5483 83 145127 152705 91793 109247 128769
86889 37428 18668 32248 3368 3968 158744 154180 153677 159077 159160 14033 6455 67367 49913 30391
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


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


EM201 0-15 (ch3)
Entries 2546560
1
0
159160 159160 159160 159160 159160 159160 159160 159160 159160
159160 159160 159160 159160 159160 159160 159160 159160
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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