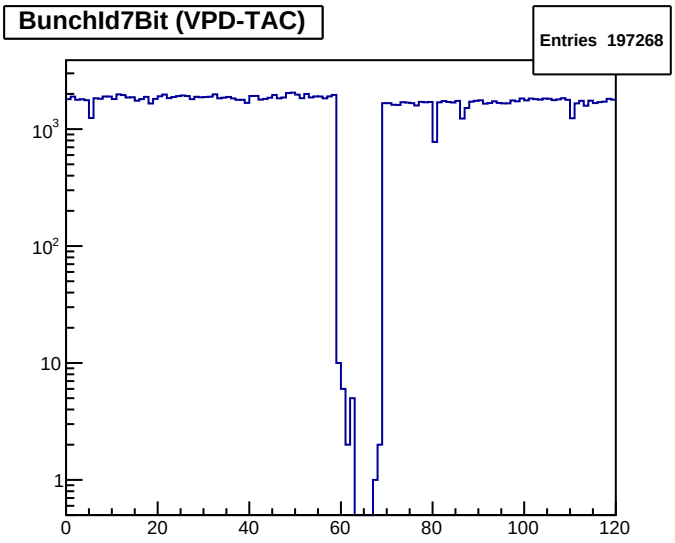
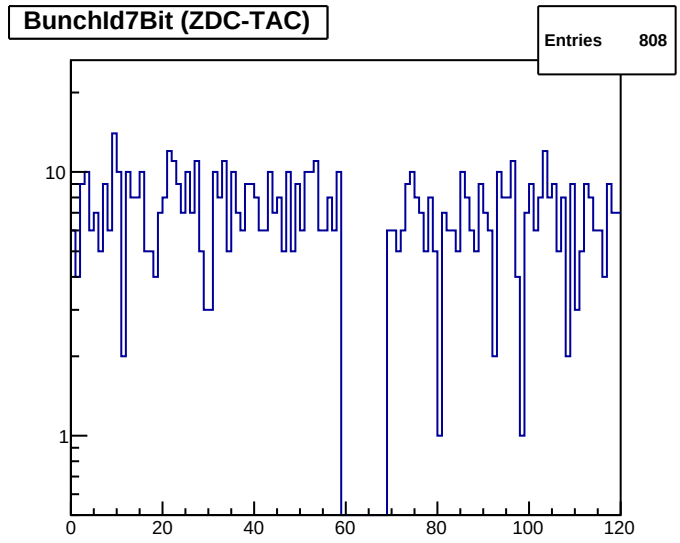
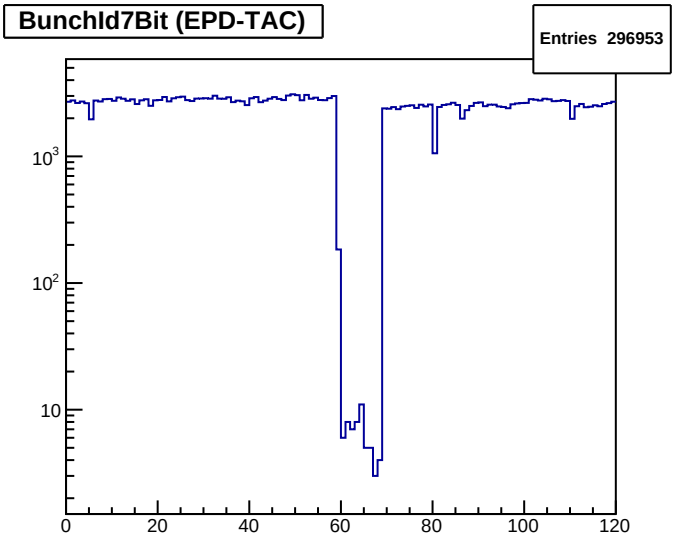
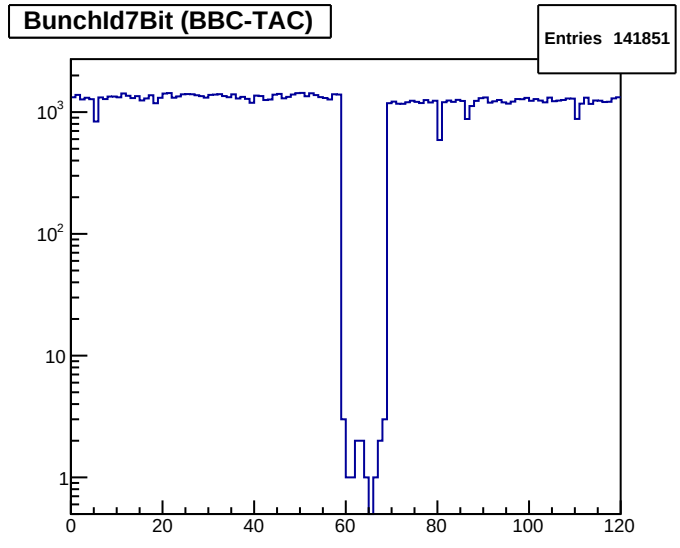
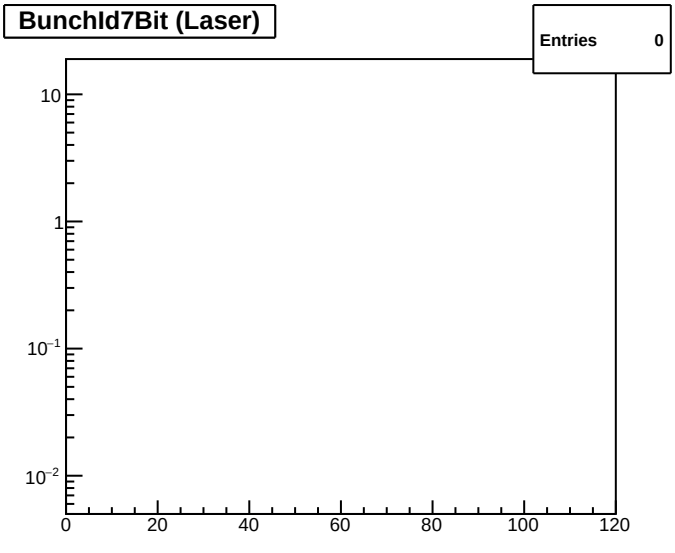
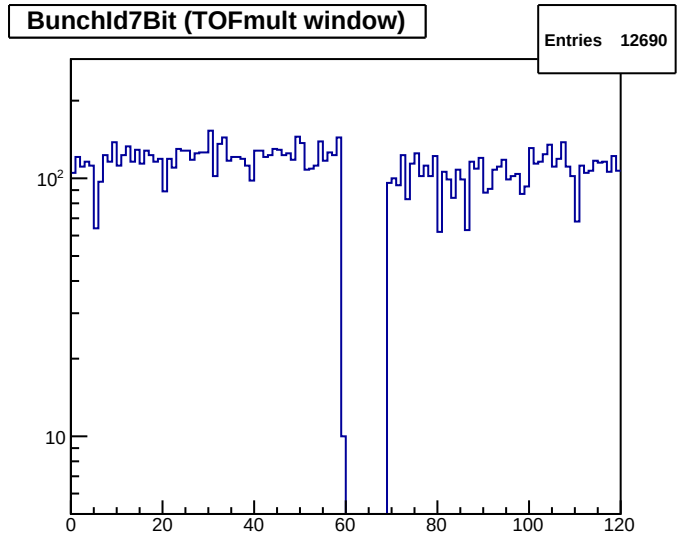

BunchId7Bit (VPD-TAC)
Entries 197268

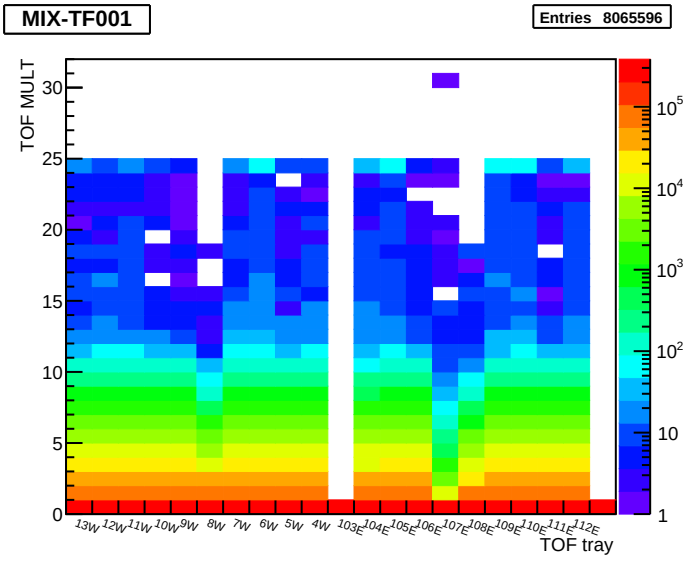

BunchId7Bit (ZDC-TAC)
Entries 808

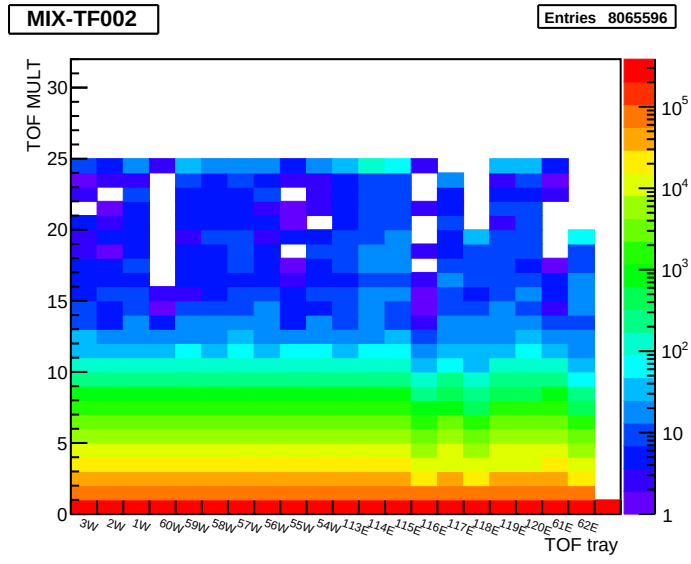

BunchId7Bit (EPD-TAC)
Entries 296953

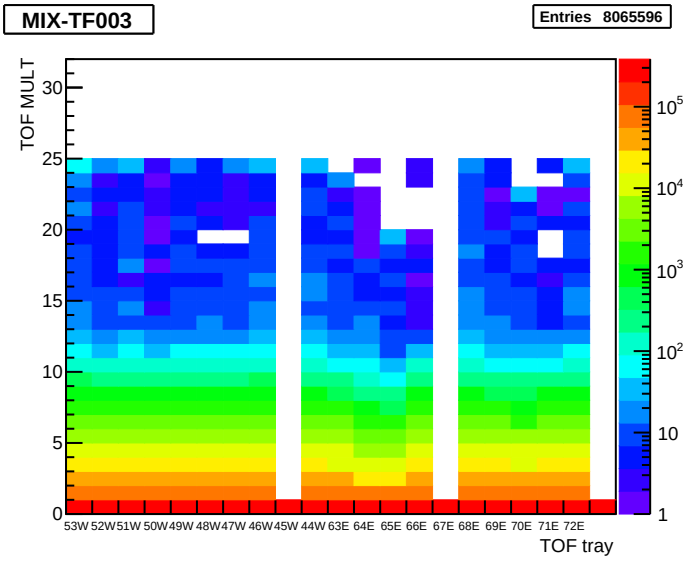

BunchId7Bit (BBC-TAC)
Entries 141851

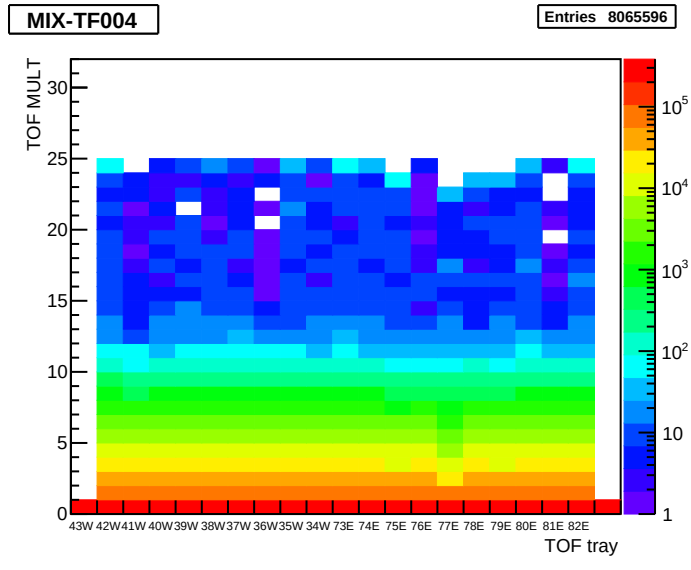

BunchId7Bit (Laser)
Entries 0

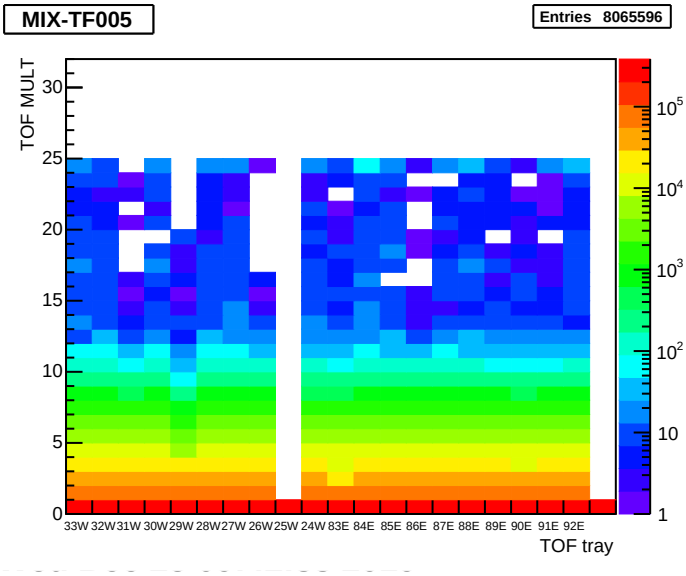

BunchId7Bit (TOFmult window)
Entries 12690

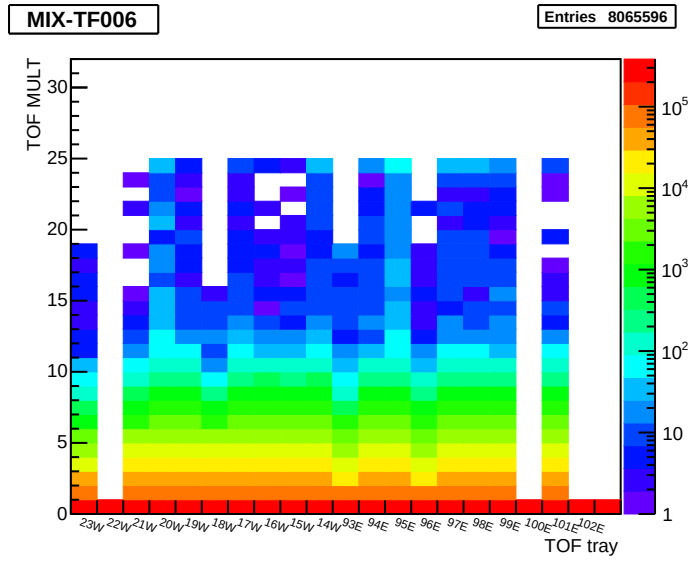

MIX-TF001
Entries 8065596
TOF MULT
TOF tray

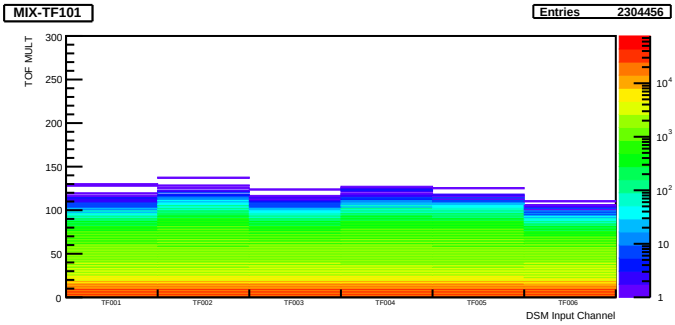

MIX-TF002
Entries 8065596
TOF MULT
TOF tray

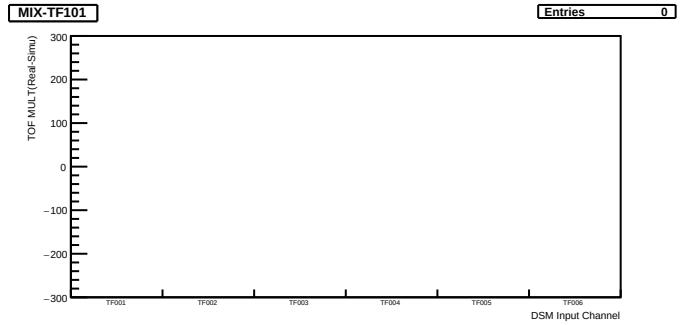

MIX-TF003
Entries 8065596
TOF MULT
TOF tray

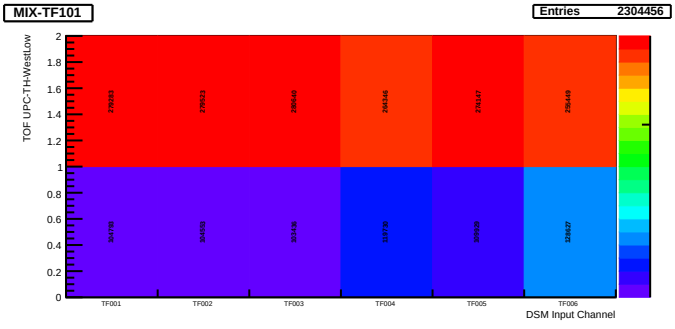

MIX-TF004
Entries 8065596
TOF MULT
TOF tray

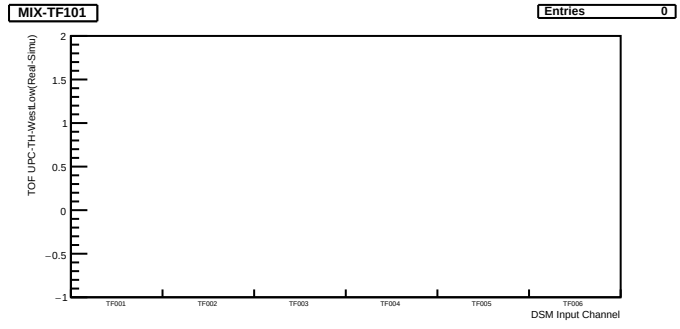

MIX-TF005
Entries 8065596
TOF MULT
TOF tray

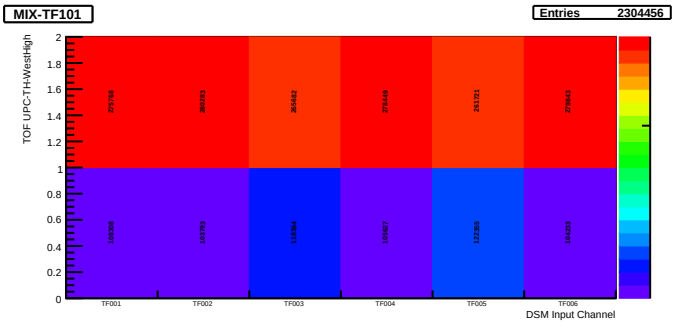

MIX-TF006
Entries 8065596
TOF MULT
TOF tray

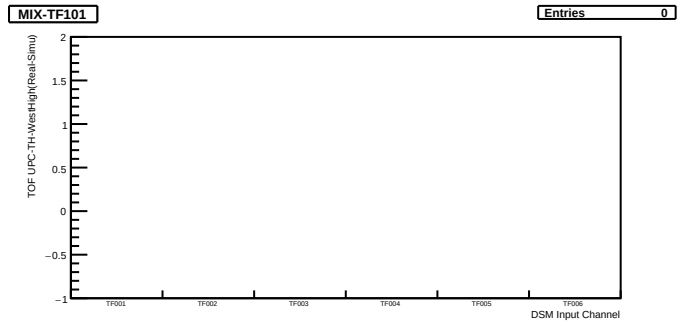

MIX-TF101
Entries 2304456
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

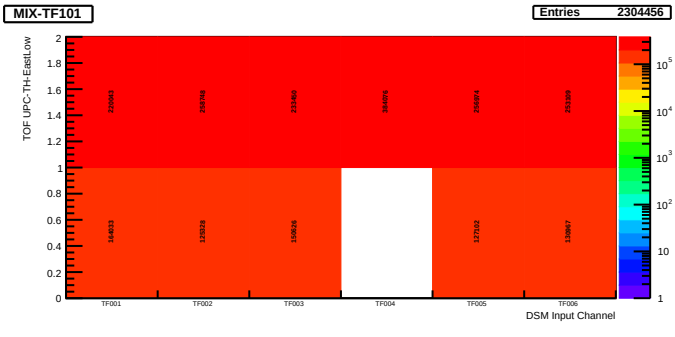

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

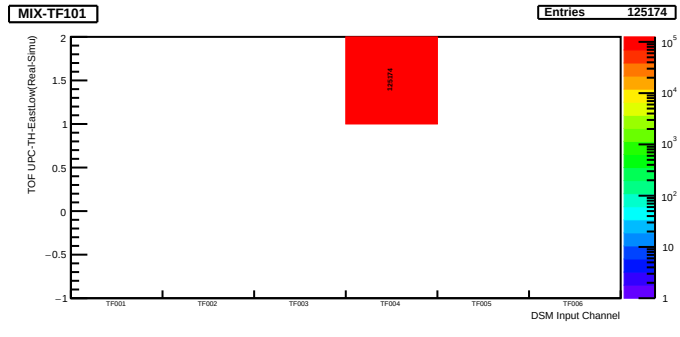

MIX-TF101
Entries 2304456
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

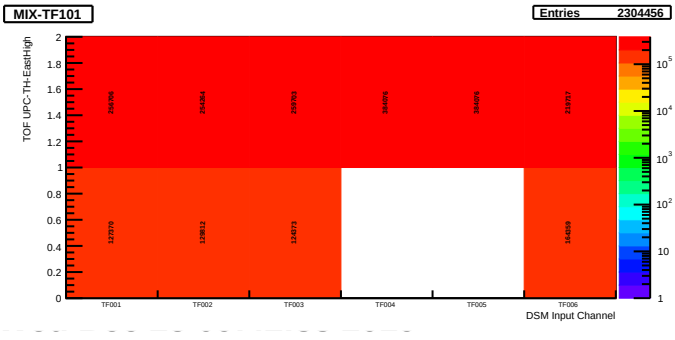

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

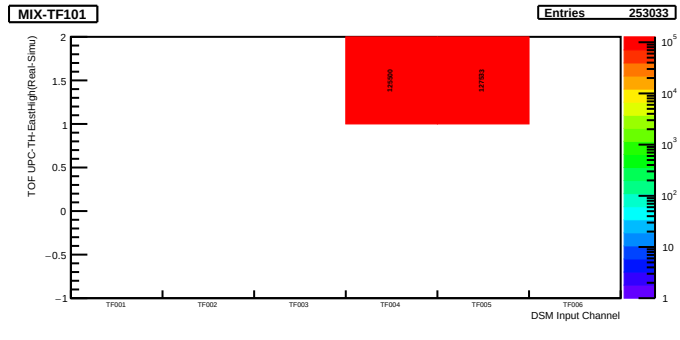

MIX-TF101
Entries 2304456
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

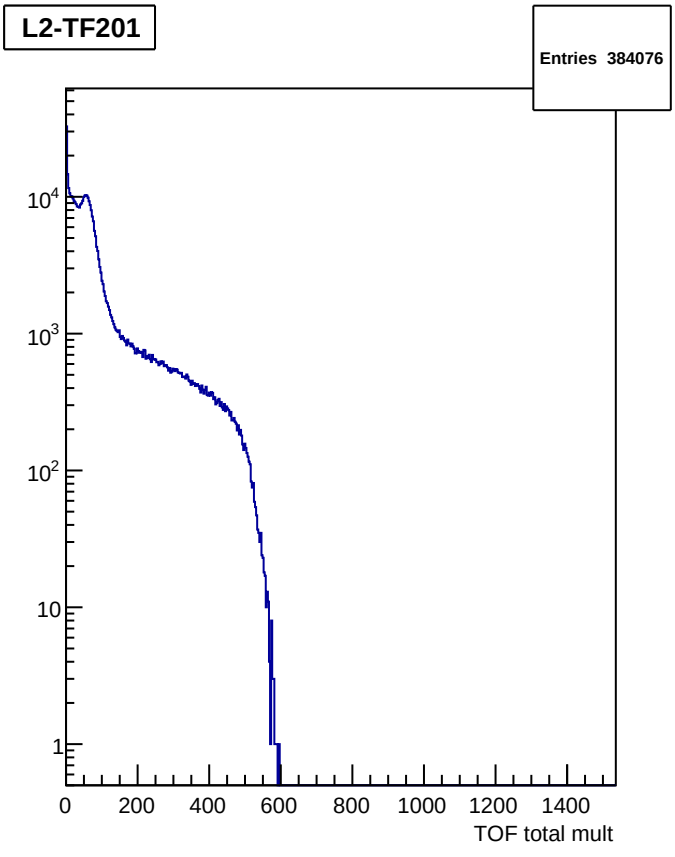

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

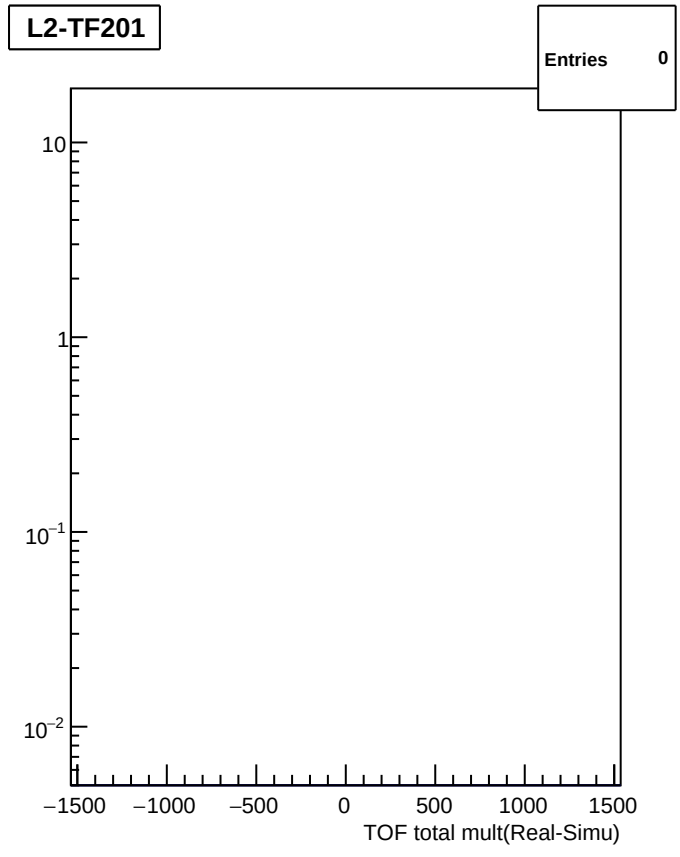

MIX-TF101
Entries 2304456
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

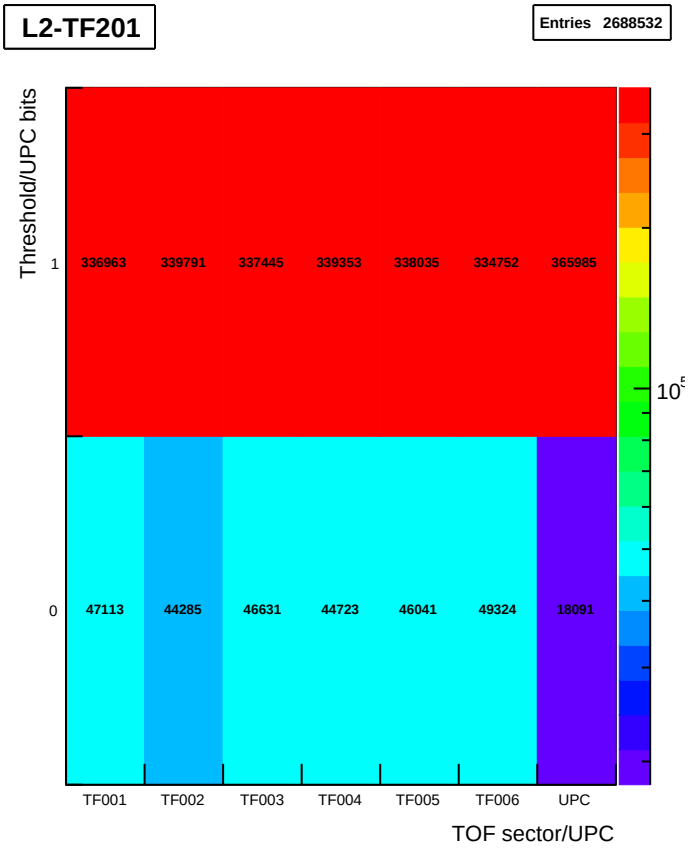

MIX-TF101
Entries 125174
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

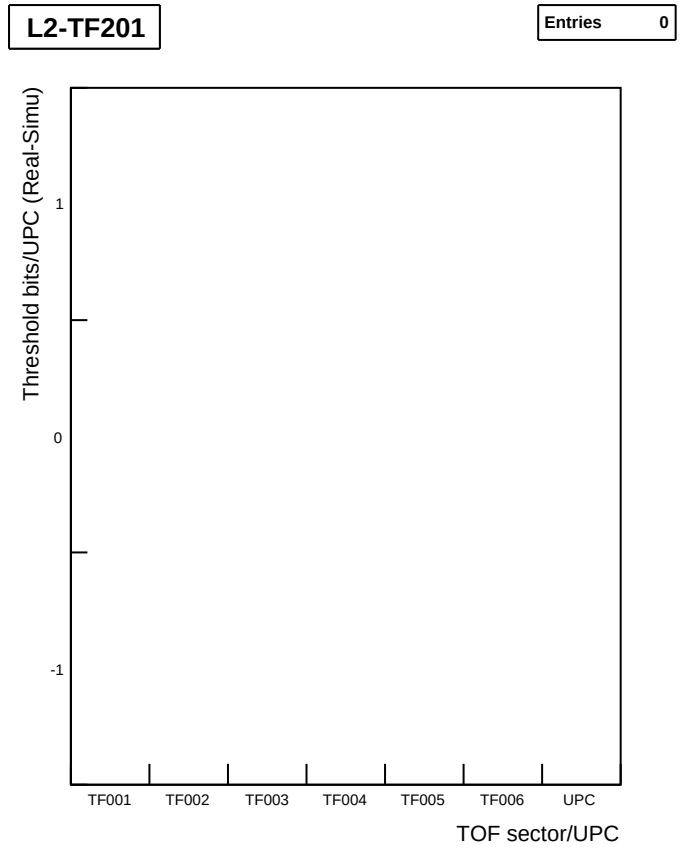

MIX-TF101
Entries 2304456
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

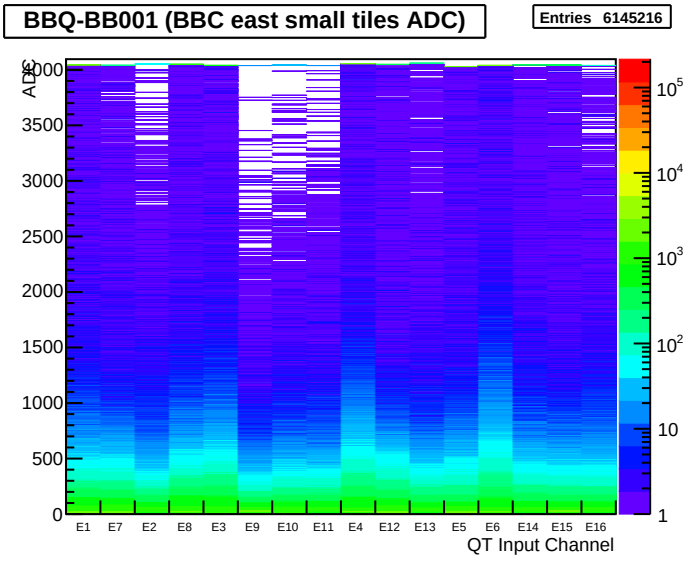

MIX-TF101
Entries 253033
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

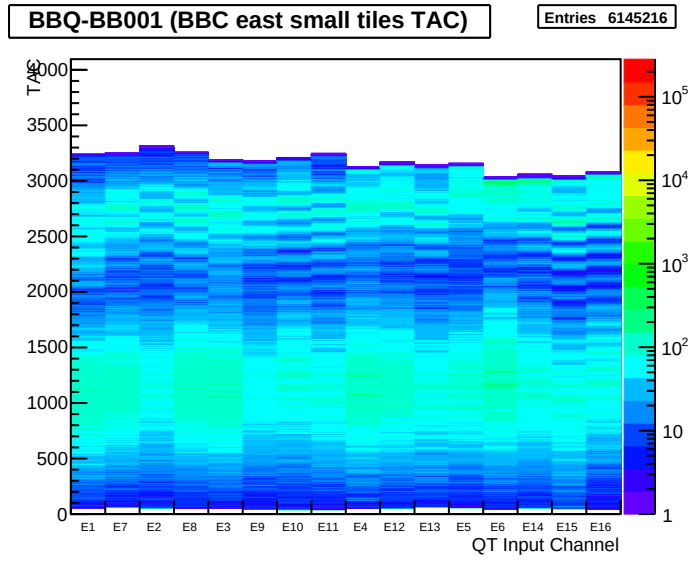

L2-TF201
Entries 384076
TOF total mult

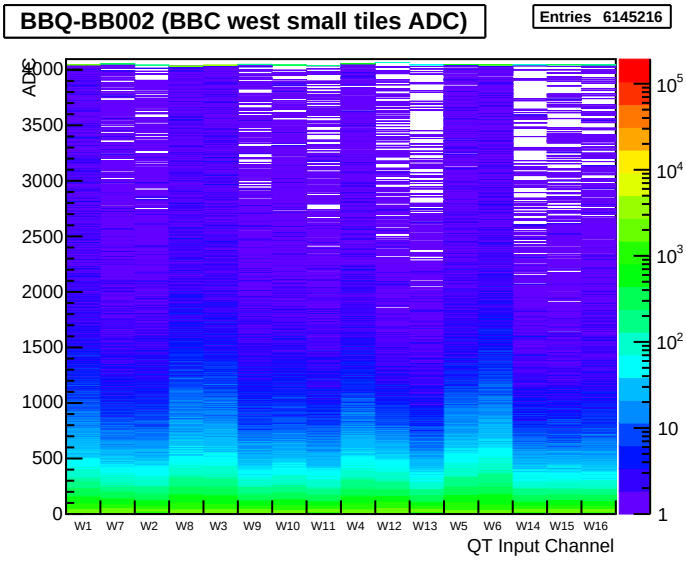

L2-TF201
Entries 0
TOF total mult(Real-Simu)

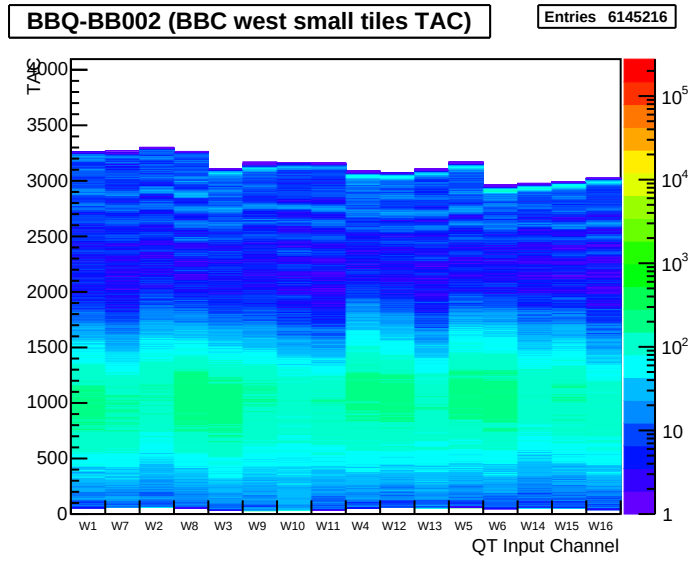

L2-TF201
Entries 2688532
Threshold/UPC bits
336963
339791
337445
339353
338035
334752
365985
47113
44285
46631
44723
46041
49324
18091
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

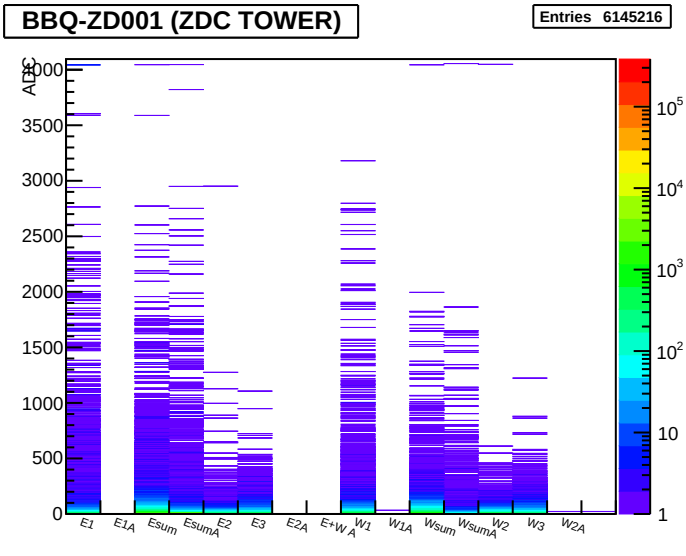

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

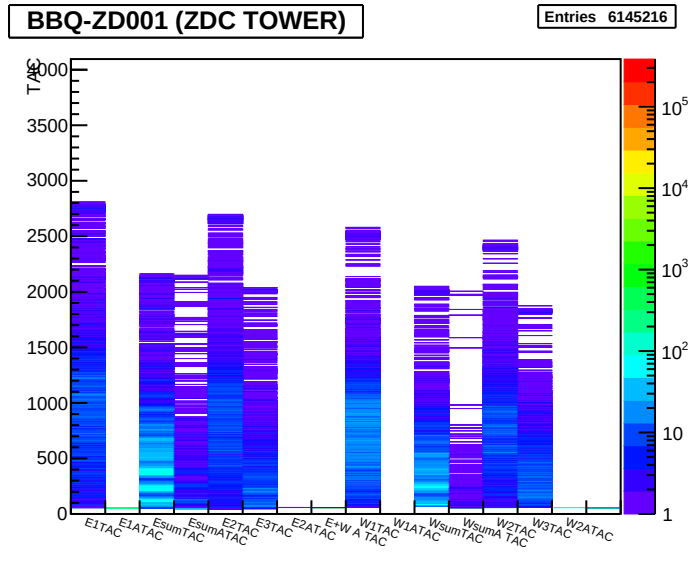

BBQ-BB001 (BBC east small tiles ADC)
Entries 6145216
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

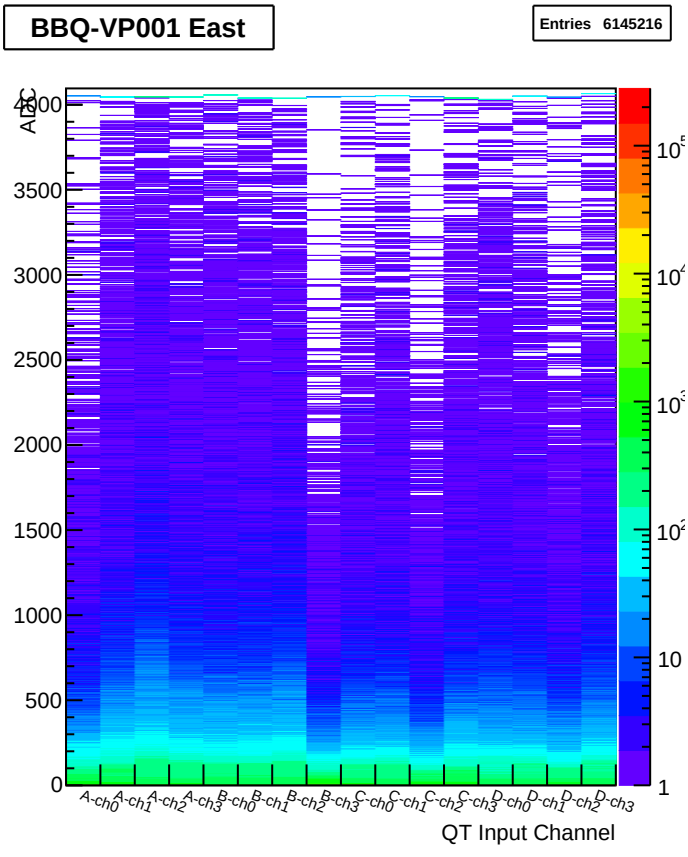

BBQ-BB001 (BBC east small tiles TAC)
Entries 6145216
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

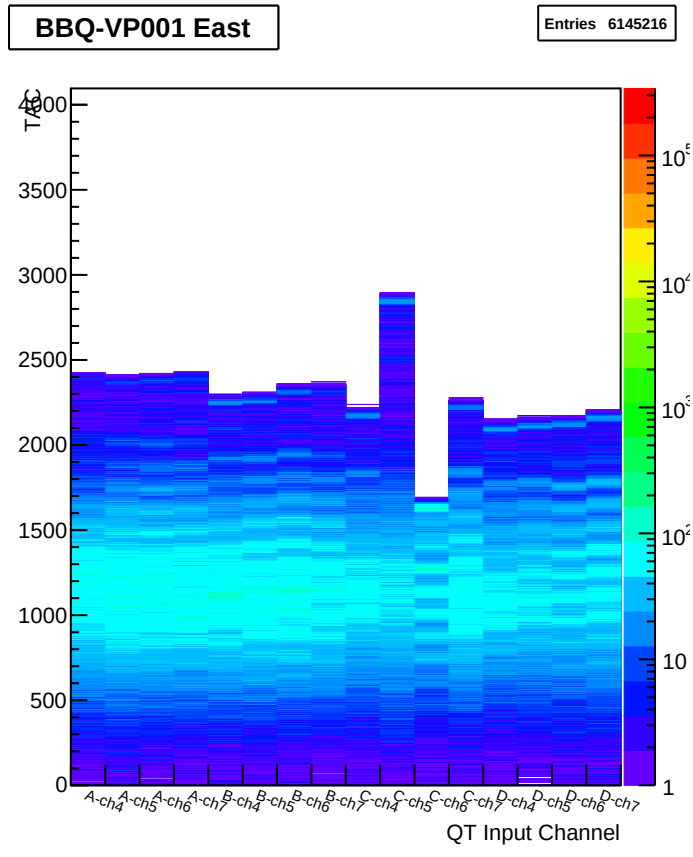

BBQ-BB002 (BBC west small tiles ADC)
Entries 6145216
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

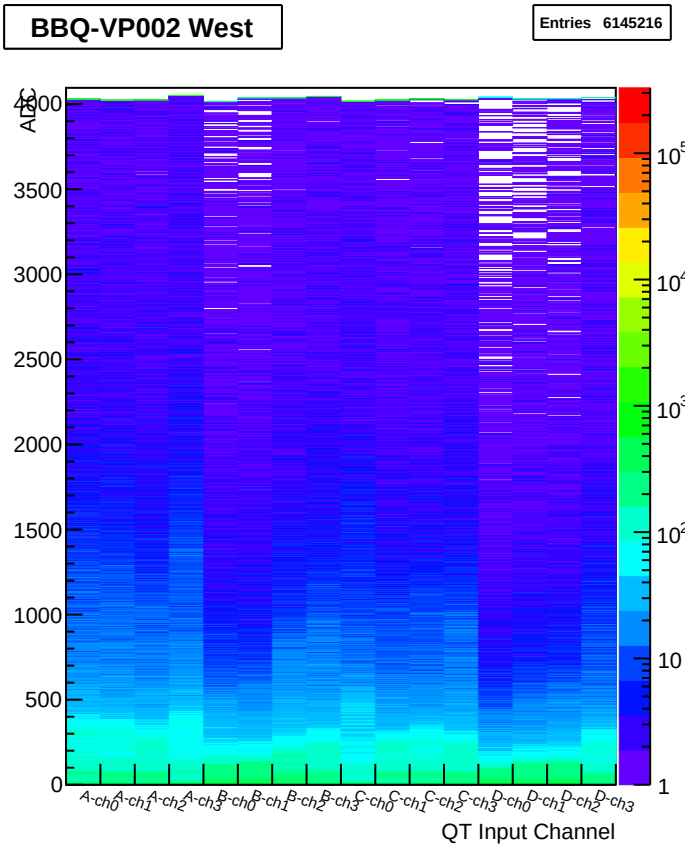

BBQ-BB002 (BBC west small tiles TAC)
Entries 6145216
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

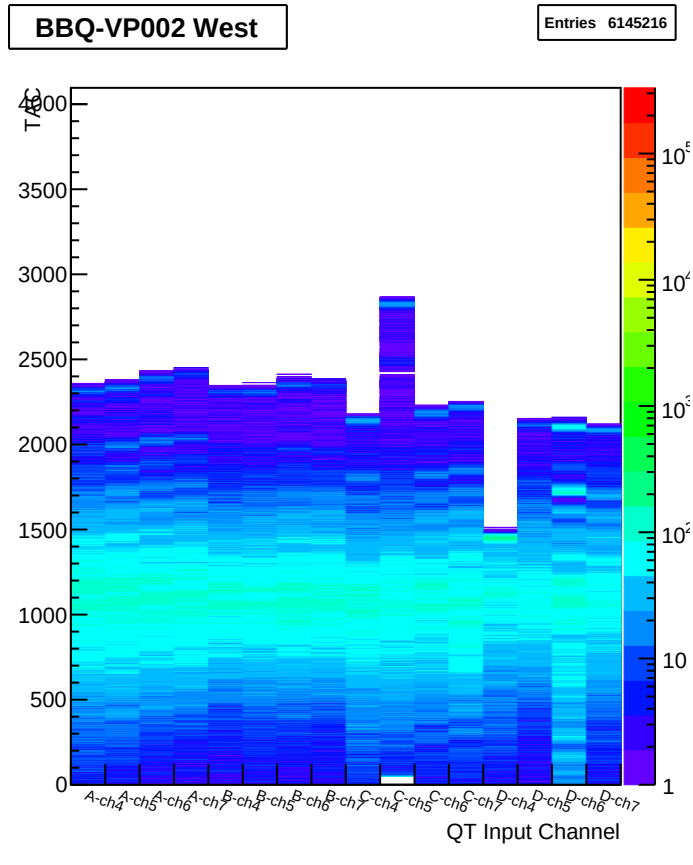

BBQ-ZD001 (ZDC TOWER)
Entries 6145216
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

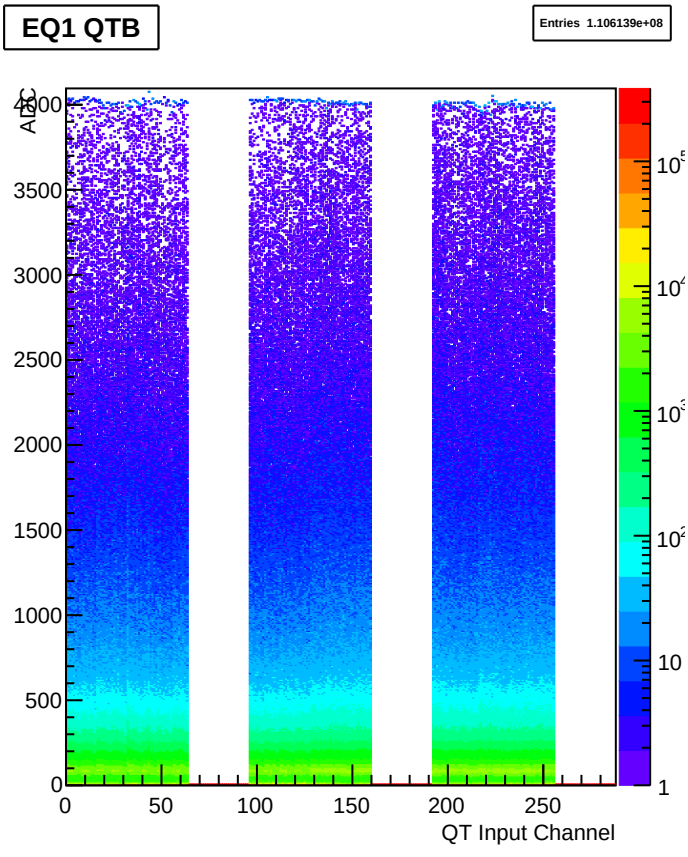

BBQ-ZD001 (ZDC TOWER)
Entries 6145216
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

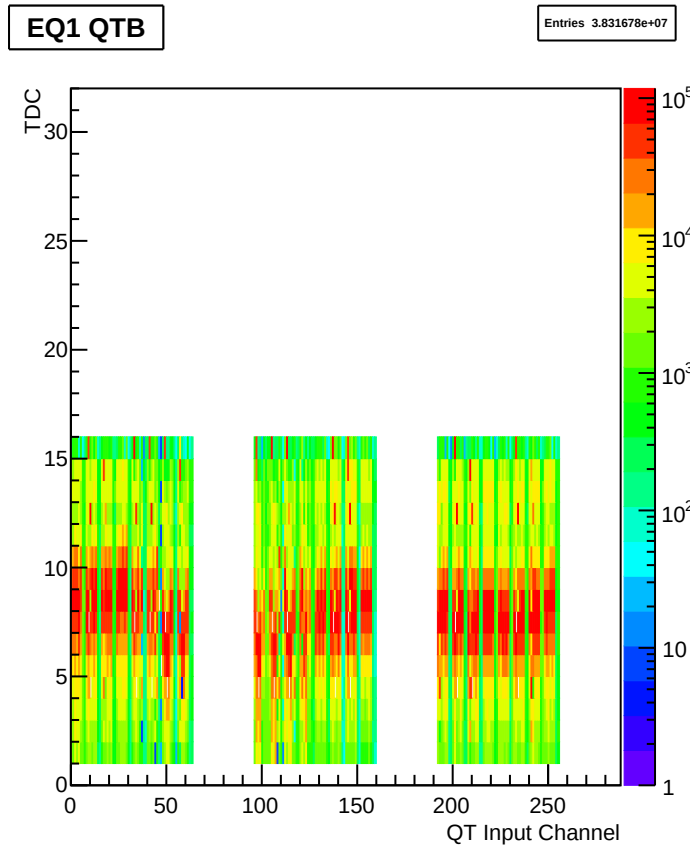

BBQ-VP001 East
Entries 6145216
ADC
QT Input Channel

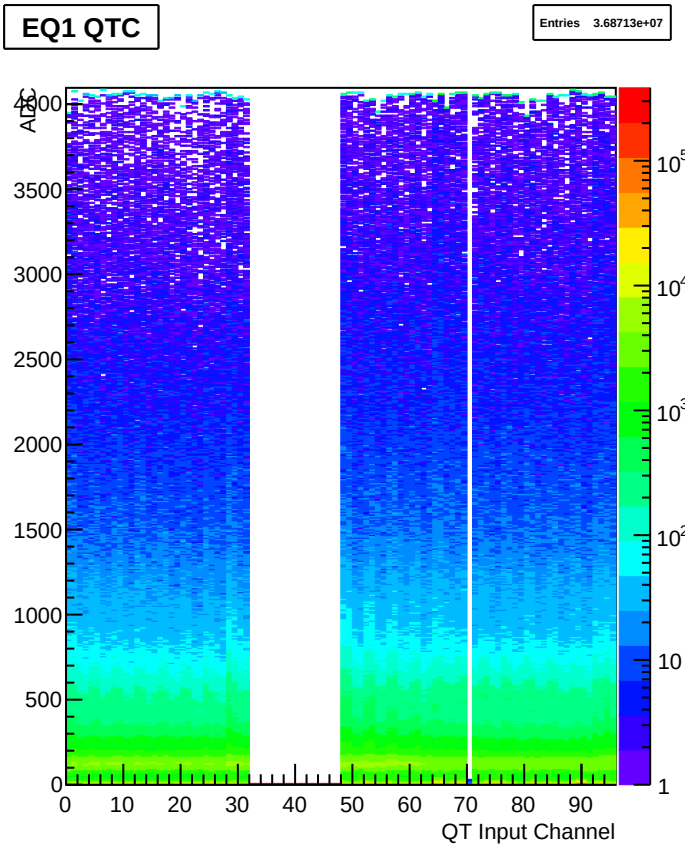

BBQ-VP001 East
Entries 6145216
ADC
QT Input Channel

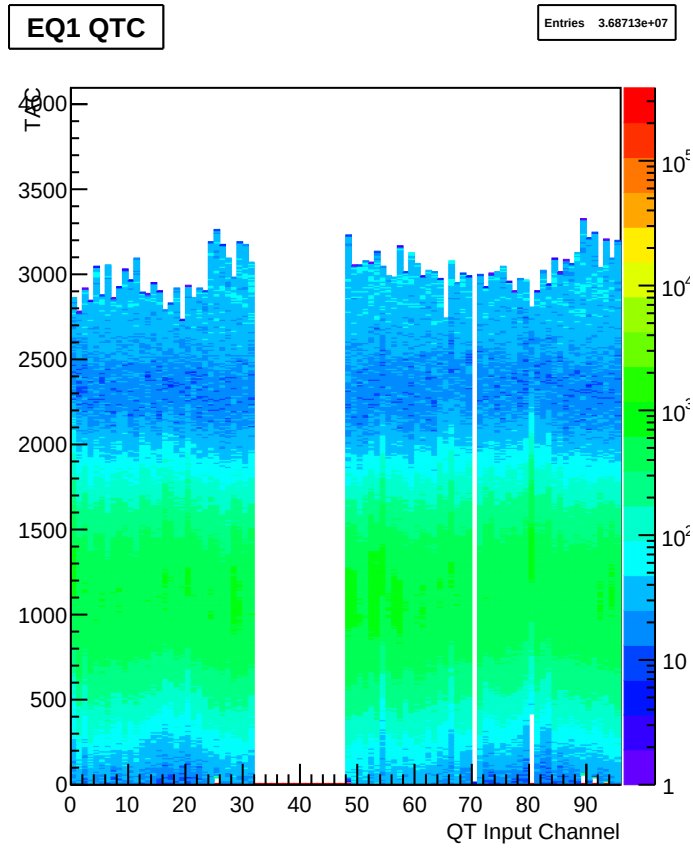

BBQ-VP002 West
Entries 6145216
ADC
QT Input Channel

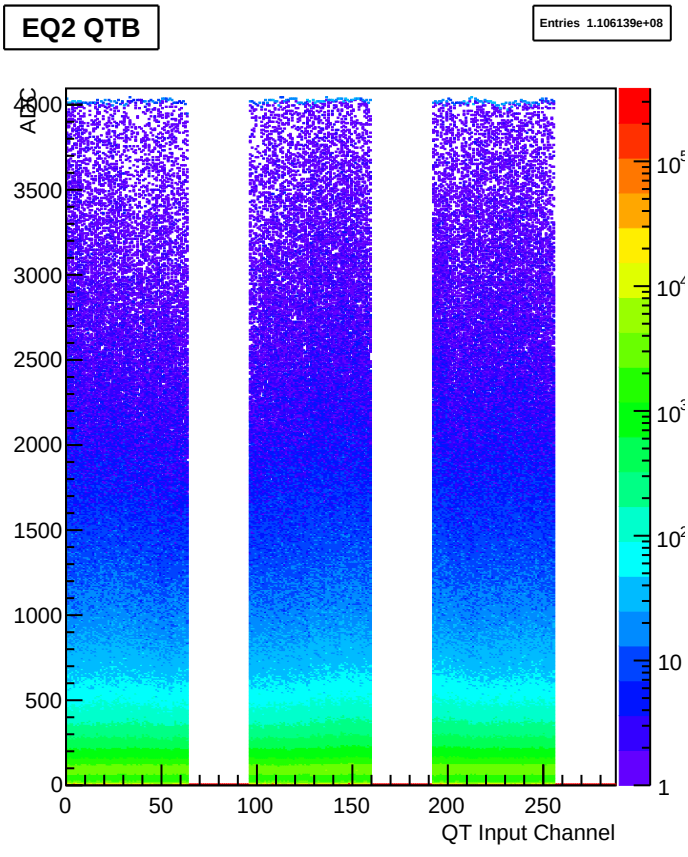

BBQ-VP002 West
Entries 6145216
ADC
QT Input Channel

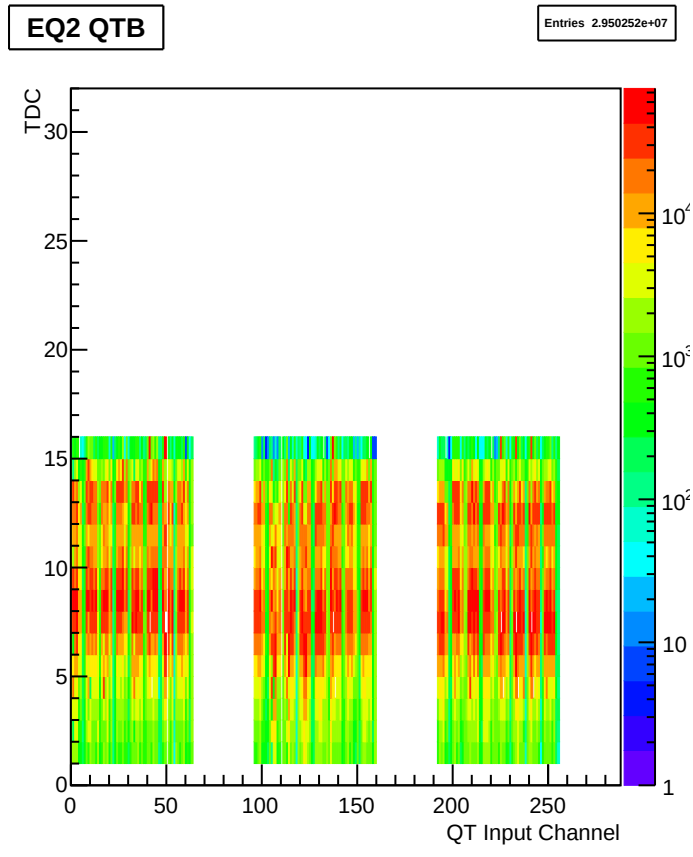

EQ1 QTB
Entries 1.106139e+08
ADC
QT Input Channel

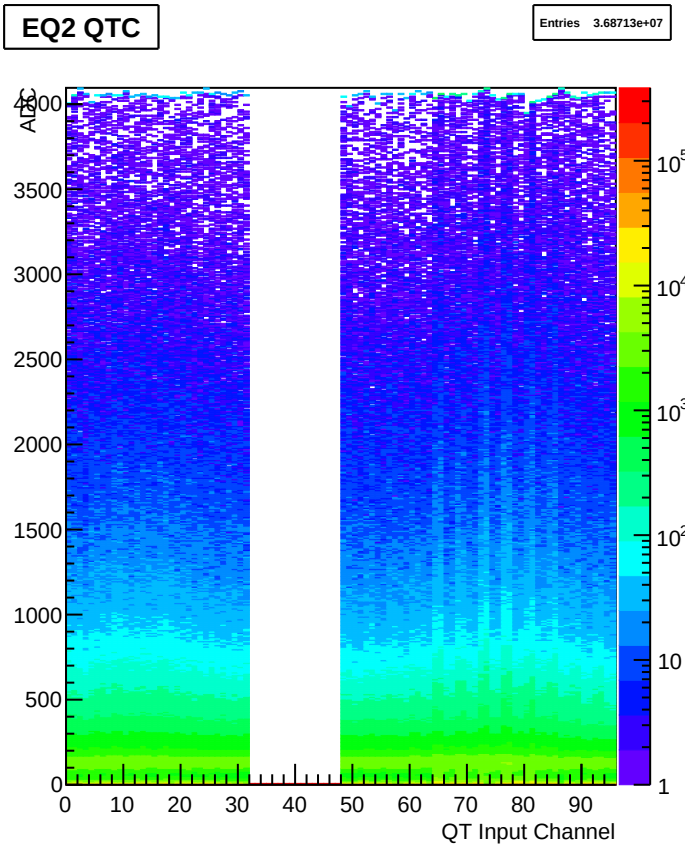

EQ1 QTB
Entries 3.831678e+07
TDC
QT Input Channel

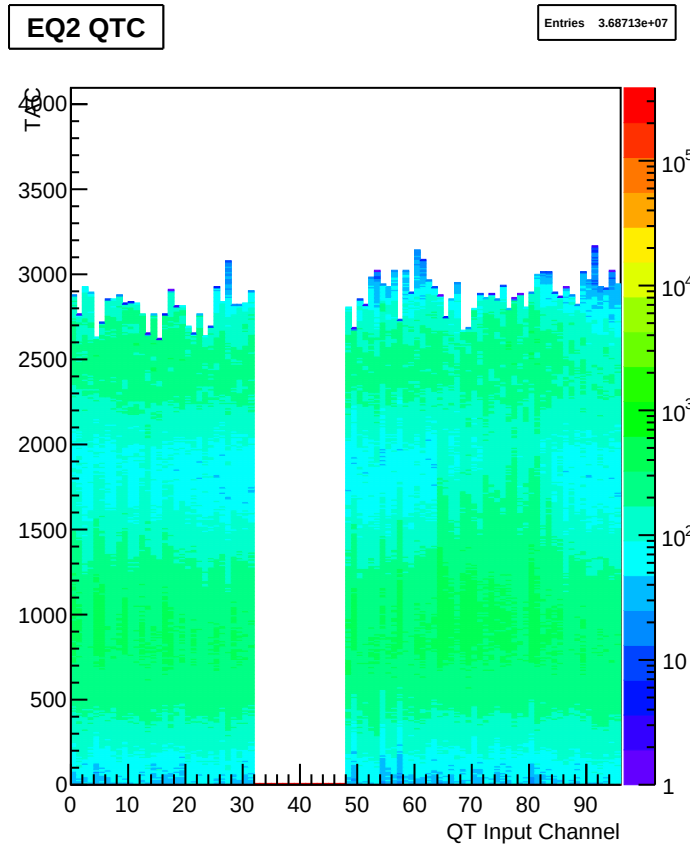

EQ1 QTC
Entries 3.68713e+07
ADC
QT Input Channel

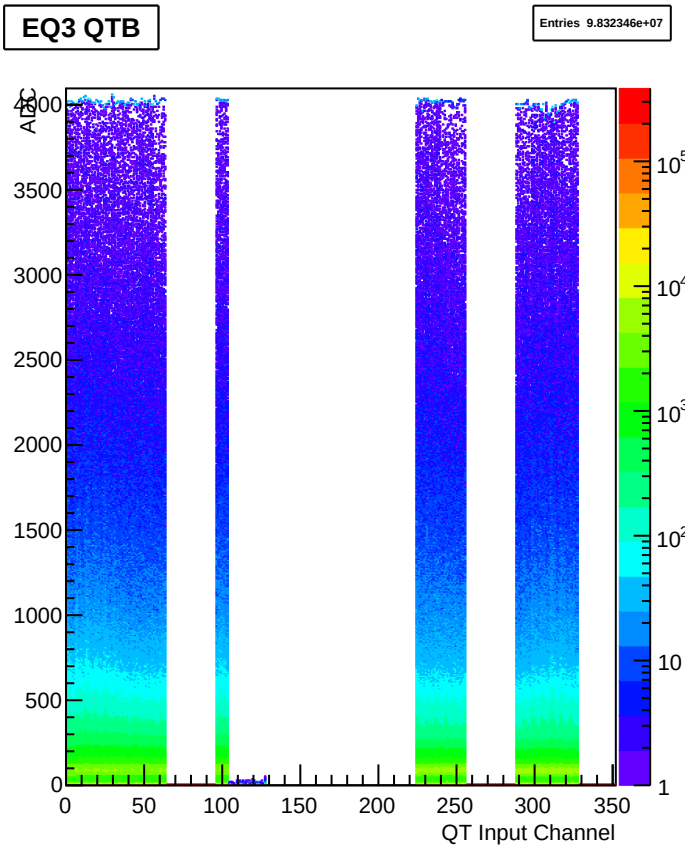

EQ1 QTC
Entries 3.68713e+07
TADC
QT Input Channel

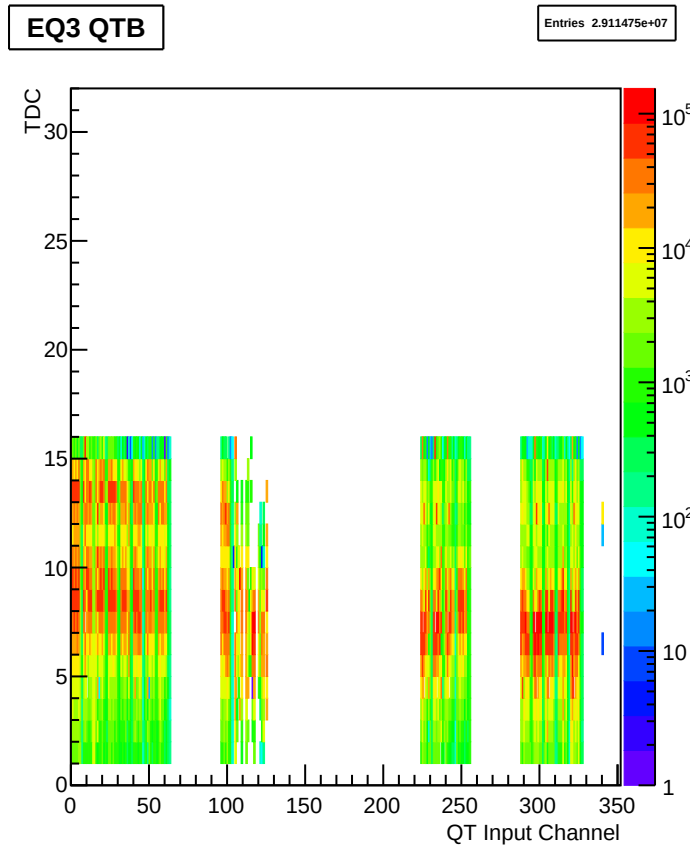

EQ2 QTB
Entries 1.106139e+08
ADC
QT Input Channel

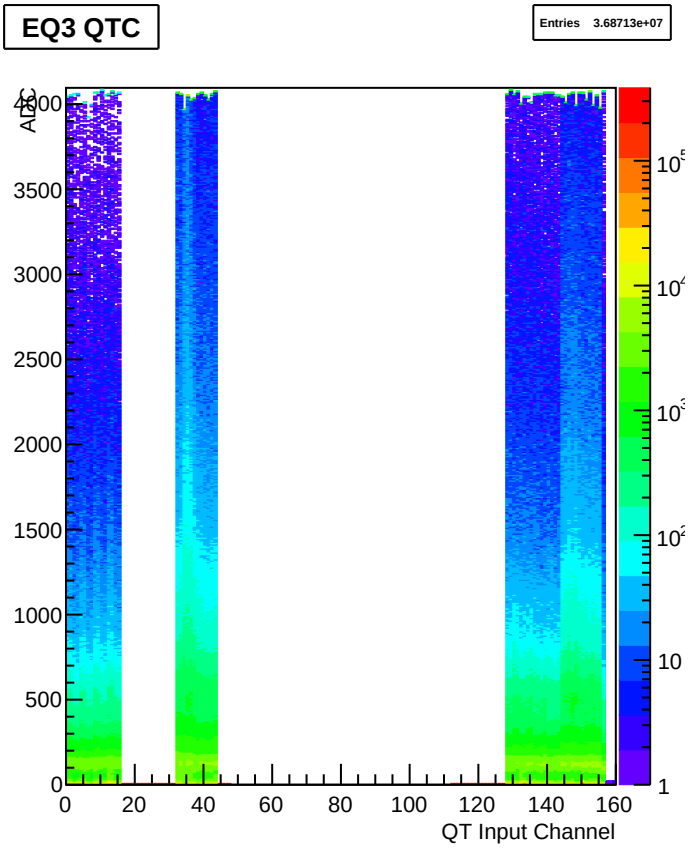

EQ2 QTB
Entries 2.950252e+07
TDC
QT Input Channel

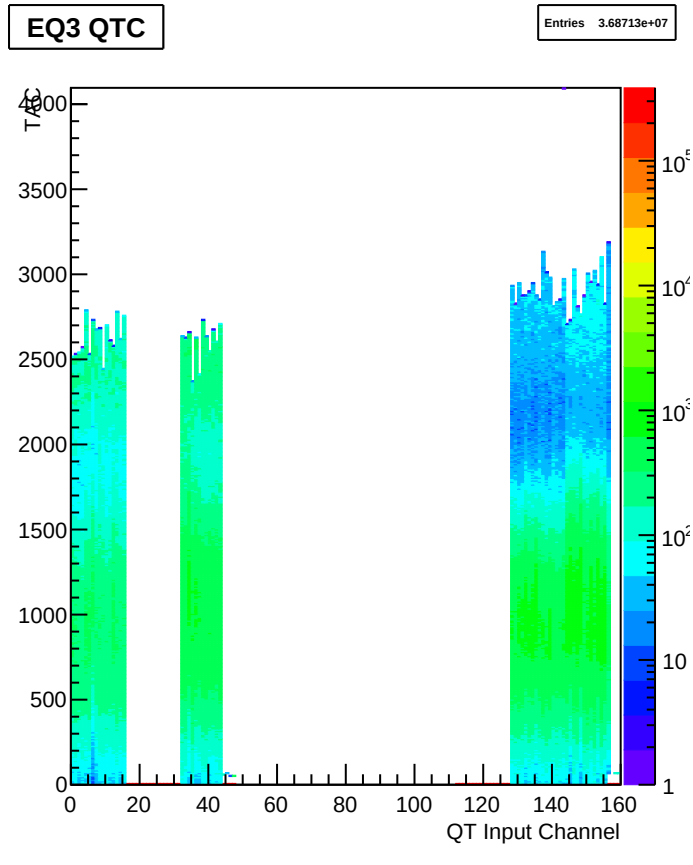

EQ2 QTC
Entries 3.68713e+07
ADC
QT Input Channel

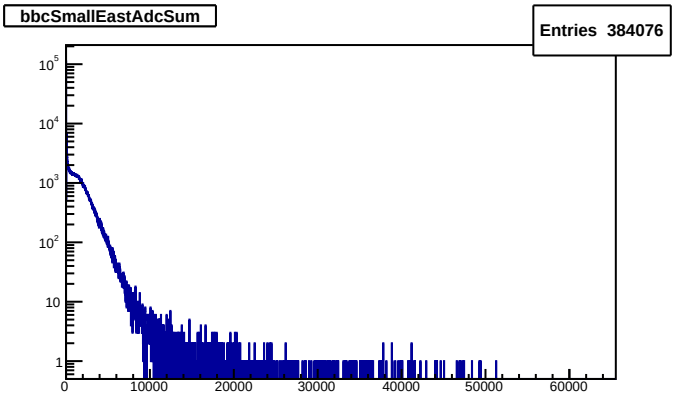

EQ2 QTC
Entries 3.68713e+07
TADC
QT Input Channel

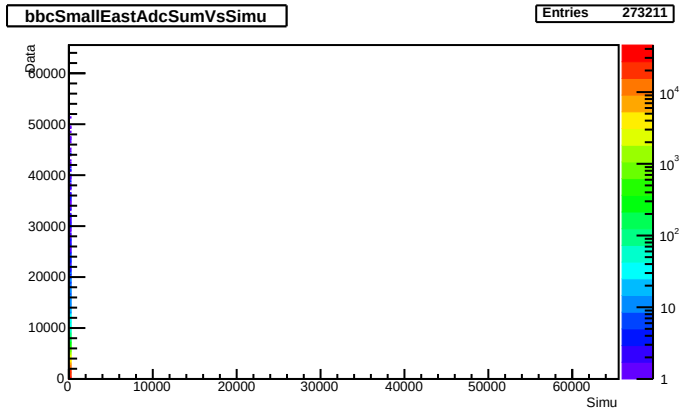

EQ3 QTB
Entries 9.832346e+07
ADC
QT Input Channel

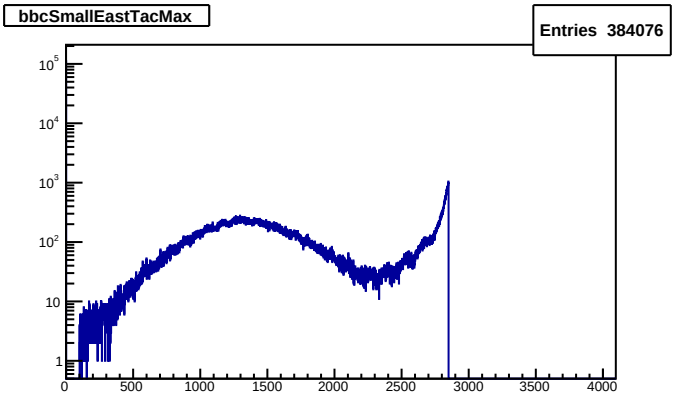

EQ3 QTB
Entries 2.911475e+07
TDC
QT Input Channel

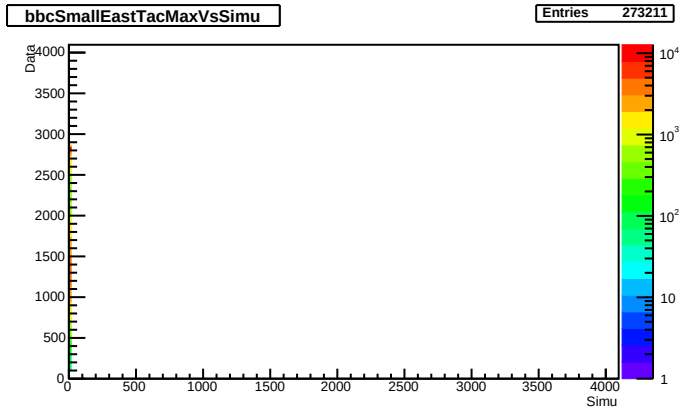

EQ3 QTC
Entries 3.68713e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.68713e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 384076


bbcSmallEastAdcSumVsSimu
Entries 273211
Data
Simu


bbcSmallEastTacMax
Entries 384076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Entries 273211
Data
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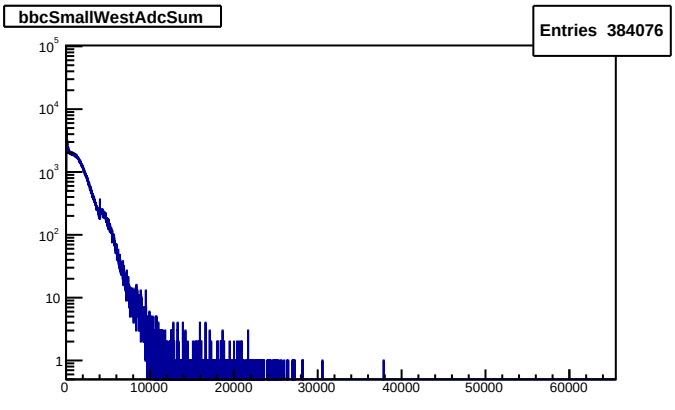
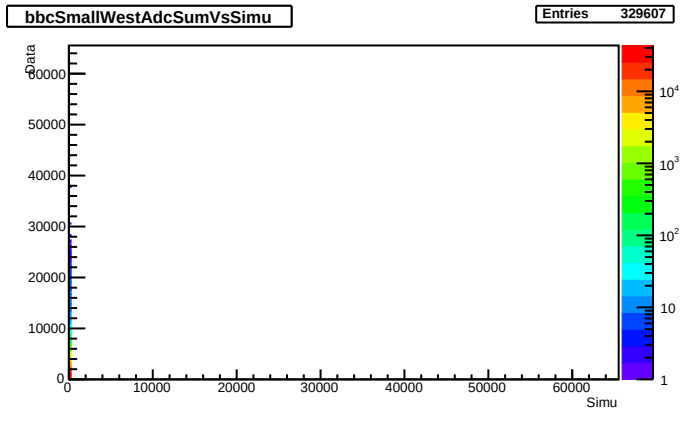
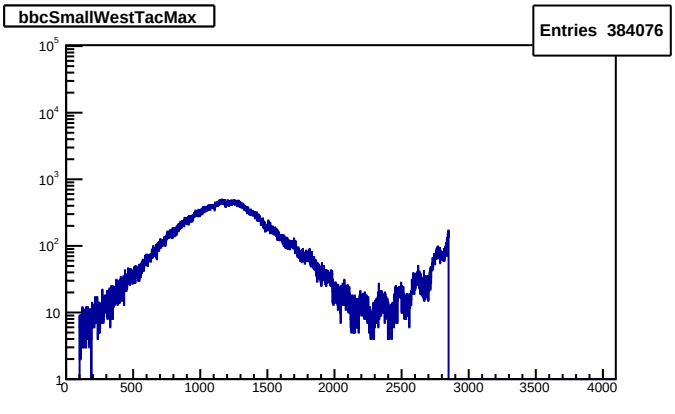

bbcSmallWestAdcSum
Entries 384076


bbcSmallWestAdcSumVsSimu
Entries 329607
Data
Simu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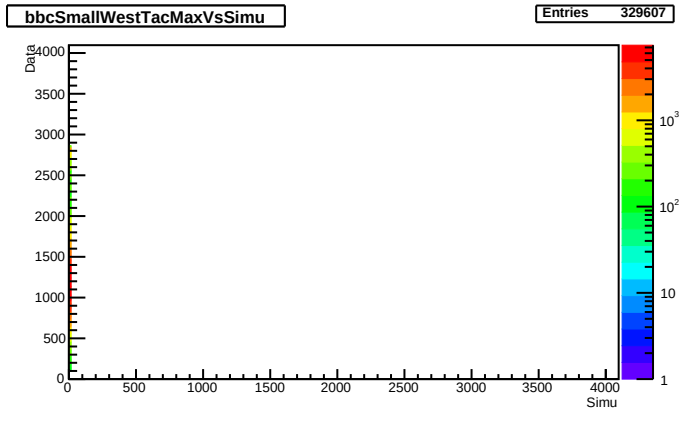
Entries 384076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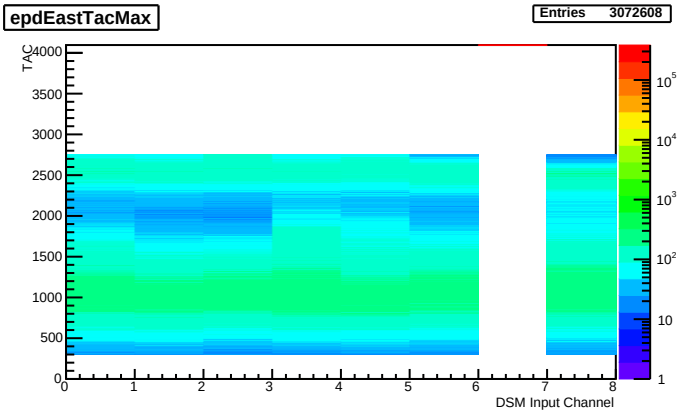
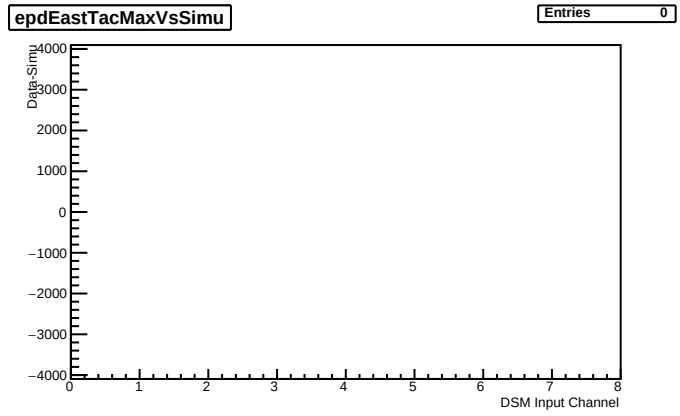
Entries 329607
Data
Simu


epdEastTacMax
Entries 3072608
TAC
DSM Input Channel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Entries 0
Data-Simu
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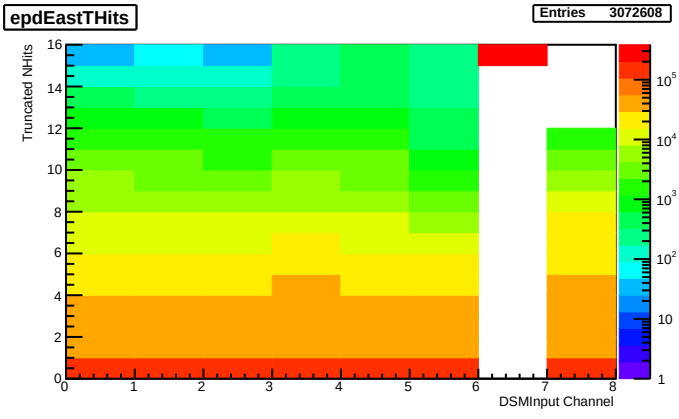
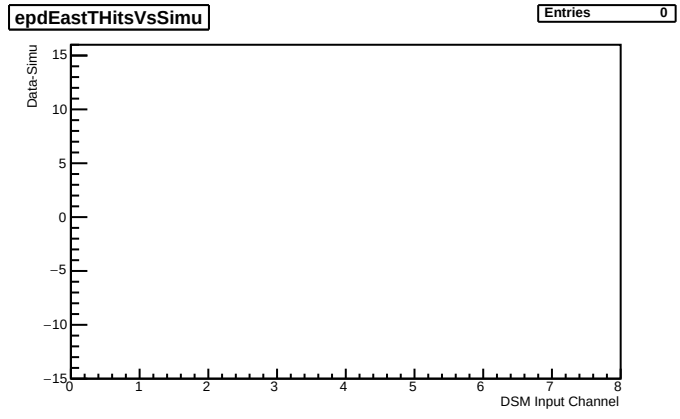

epdEastTHits
Entries 3072608
Truncated NHits
DSMInput Channel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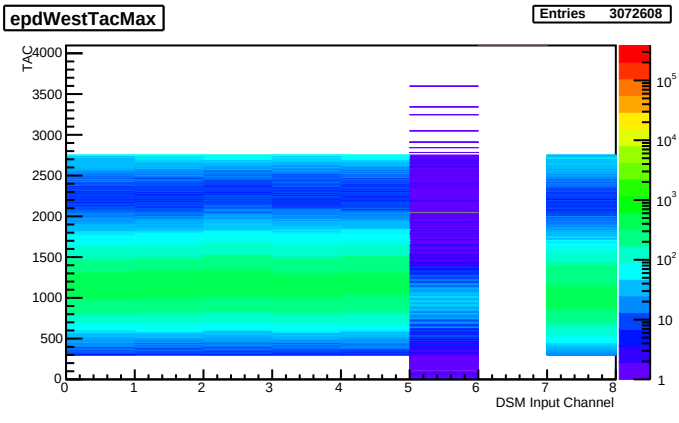
Data-Simu
DSM Input Channel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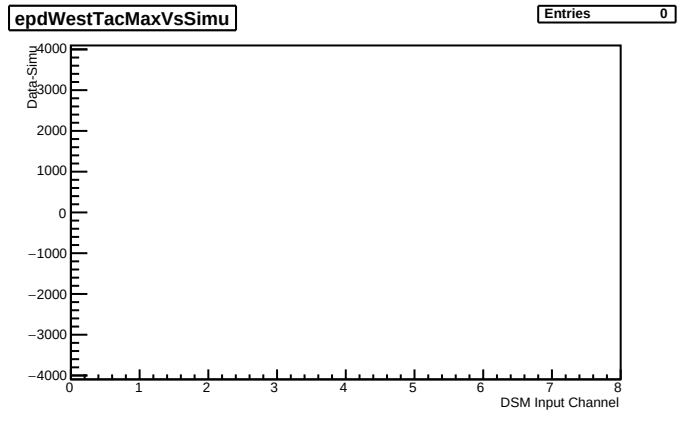
Entries 3072608
TAC
DSM Input Channel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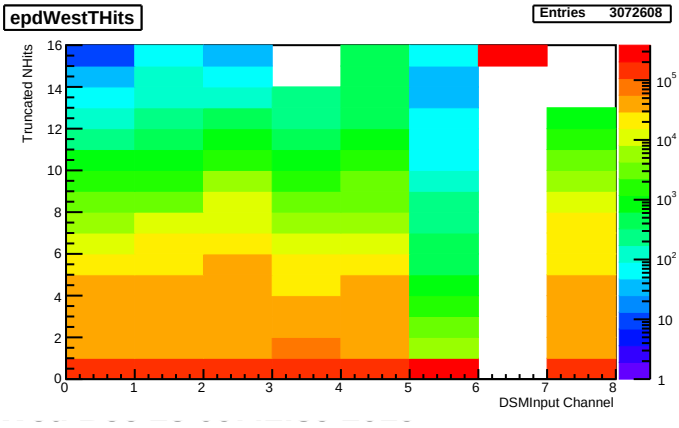
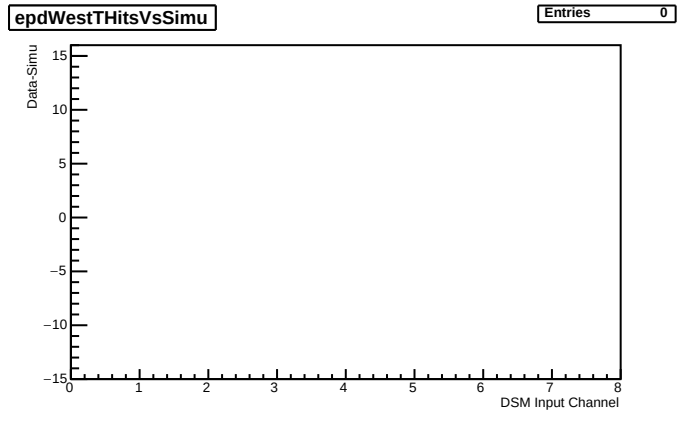
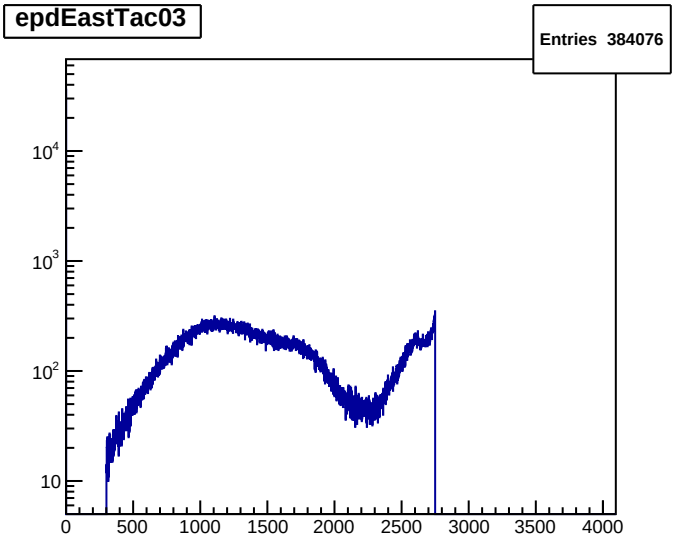
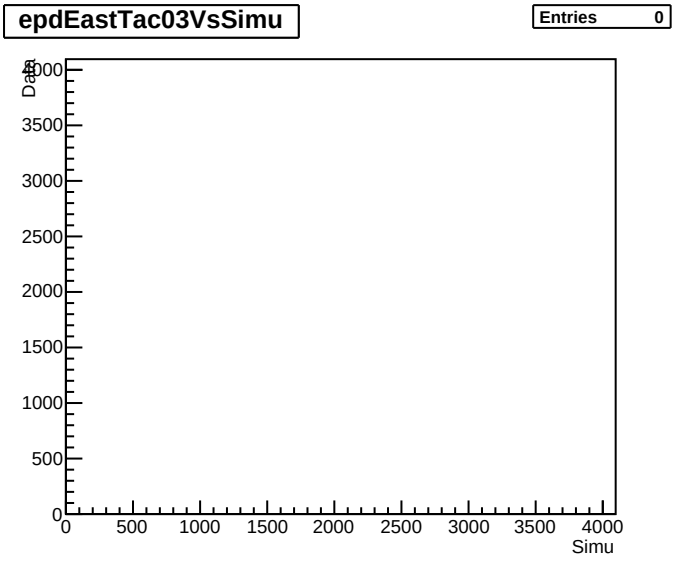
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3072608
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 384076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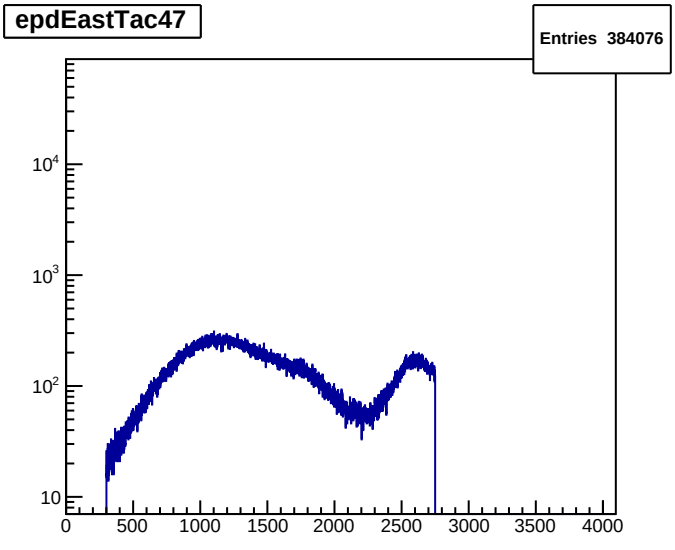
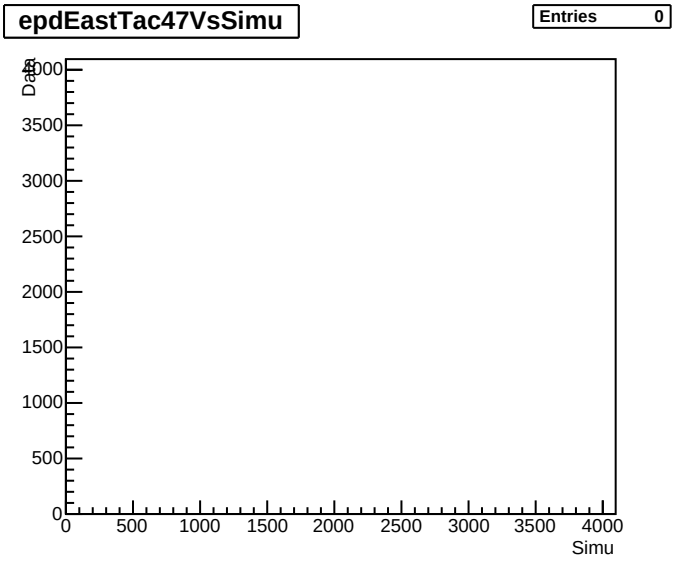
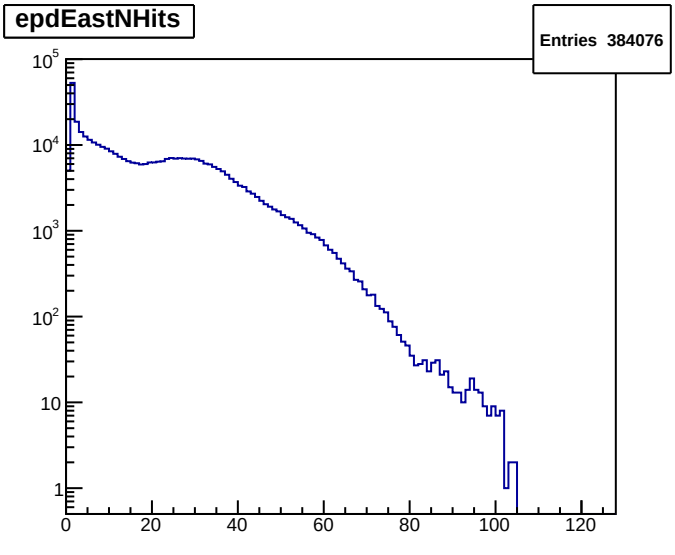
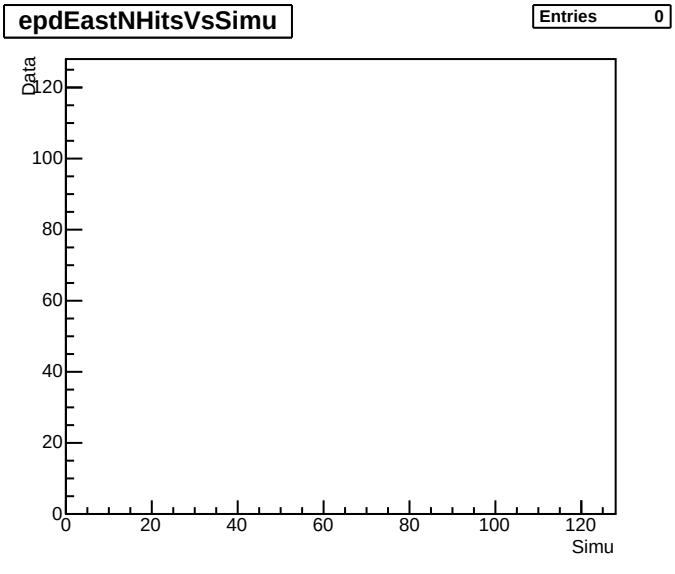
Entries 0
Data
Simu


epdEastTac47
Entries 384076


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 384076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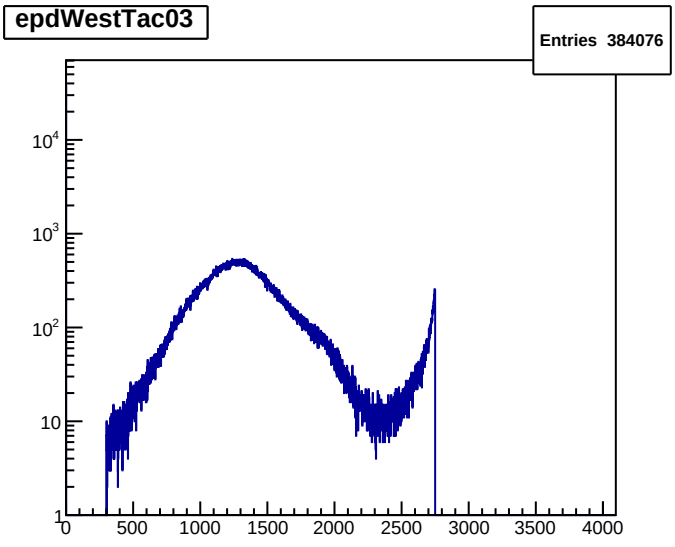
Entries 0
Data
Simu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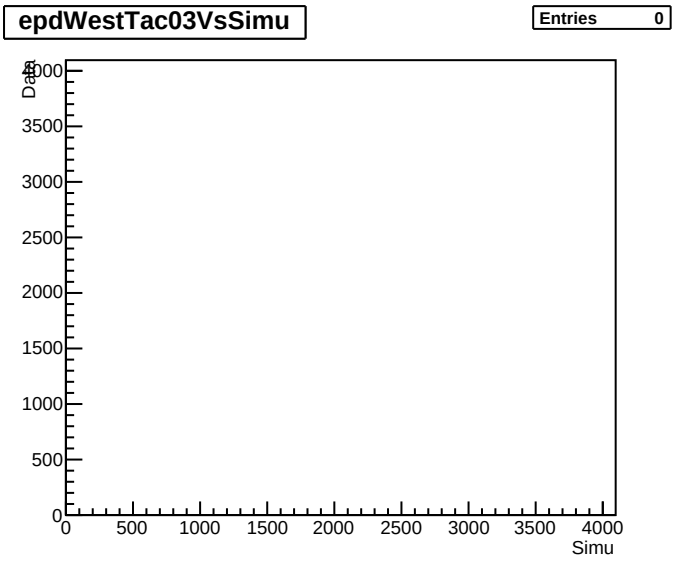
Entries 384076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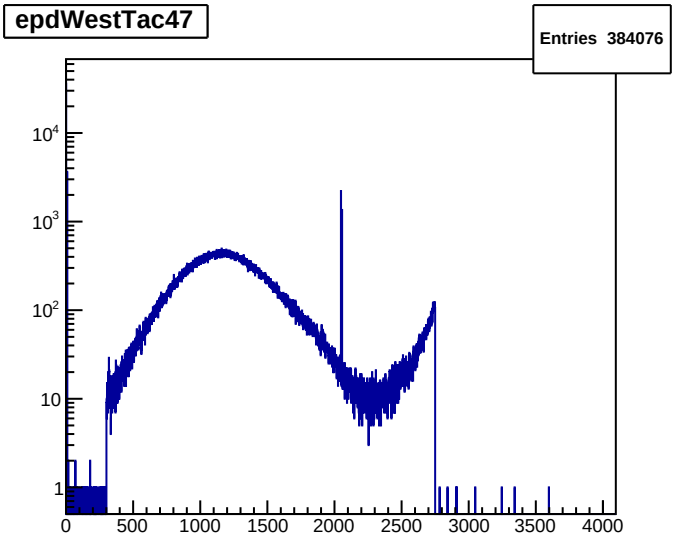
Entries 0
Data
Simu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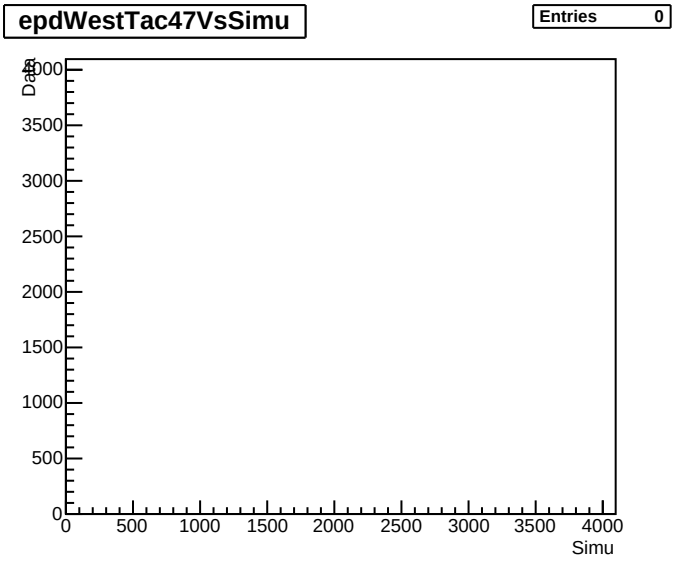
Entries 384076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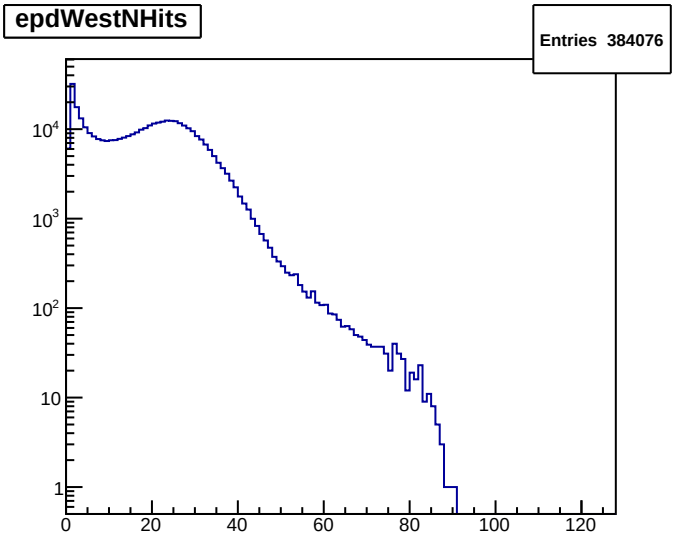
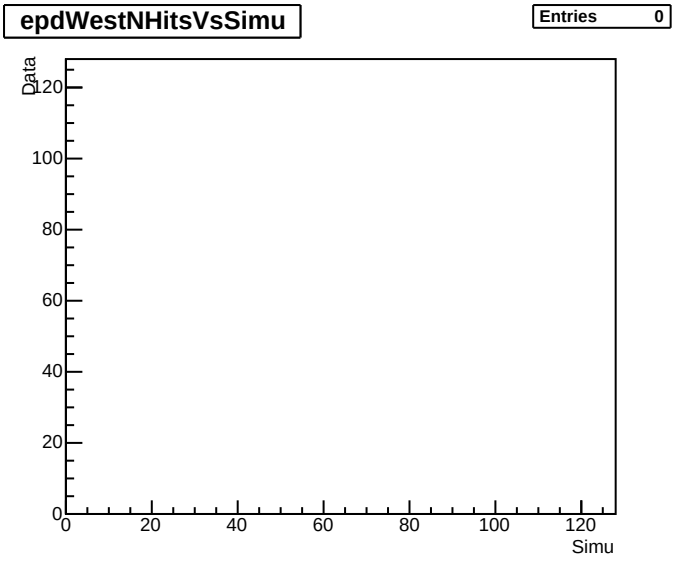
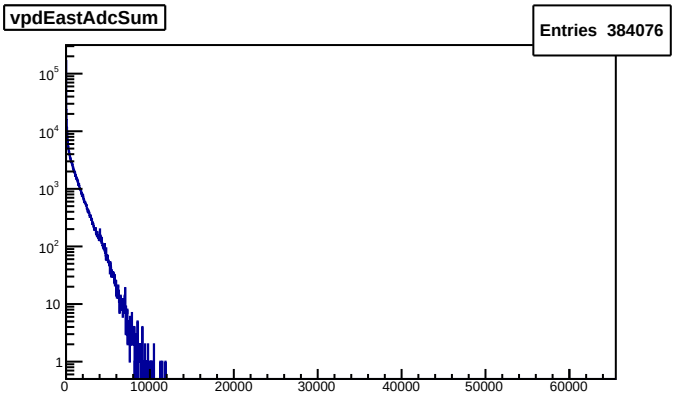
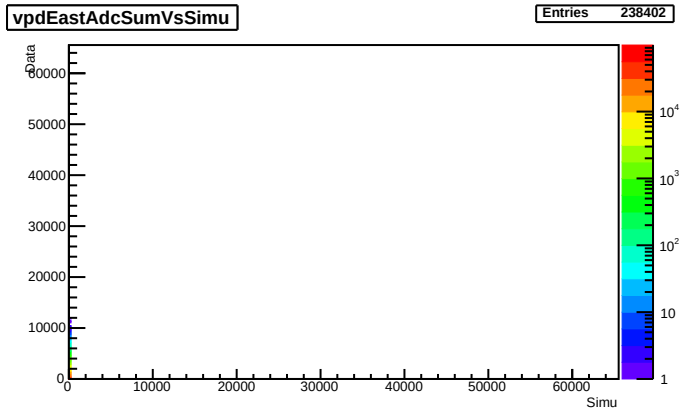
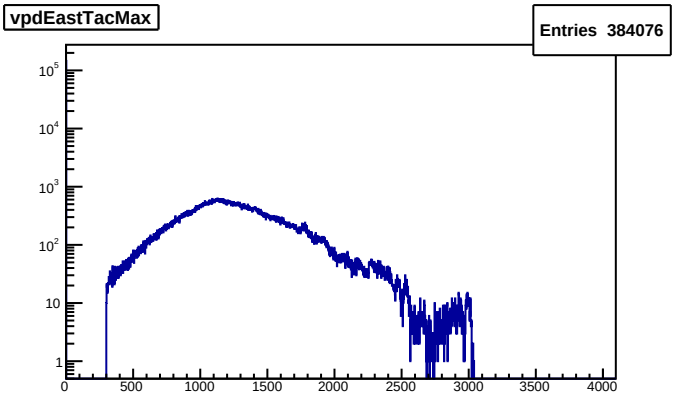
Entries 0
Data
Simu

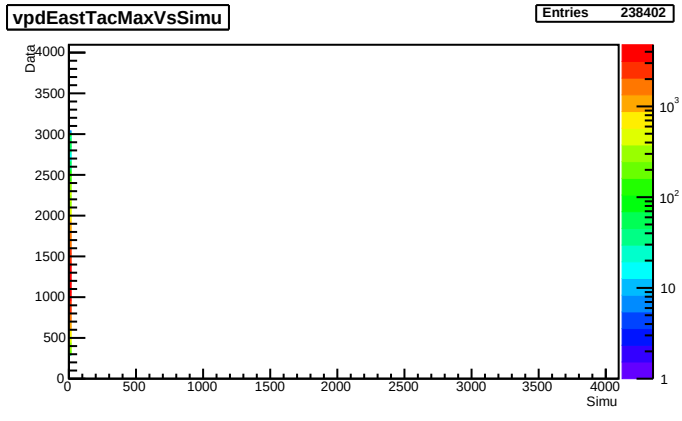

epdWestNHits
Entries 384076

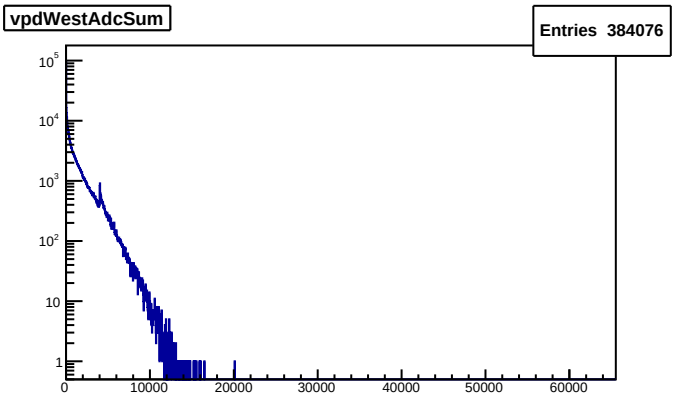

epdWestNHitsVsSimu
Entries 0
Data
Simu

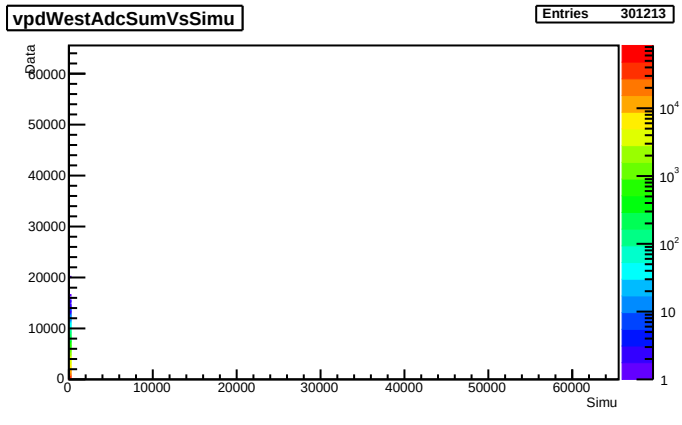

vpdEastAdcSum
Entries 384076

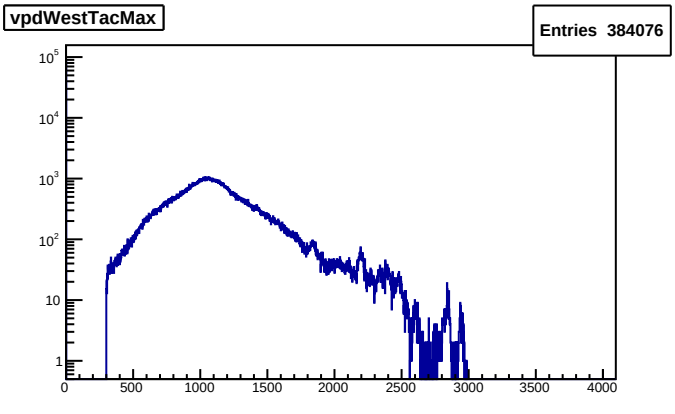

vpdEastAdcSumVsSimu
Entries 238402
Data
Simu

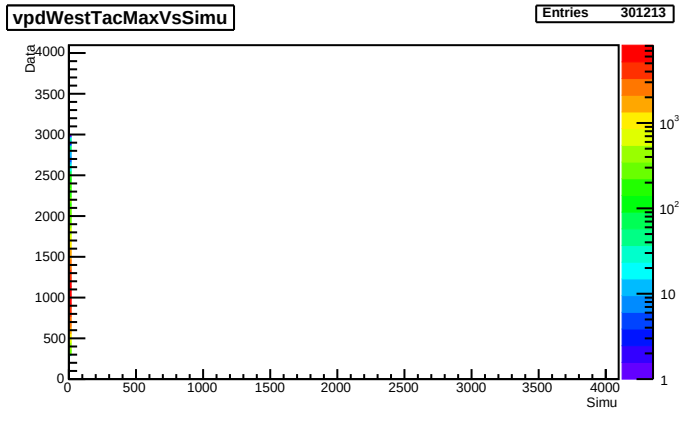

vpdEastTacMax
Entries 384076

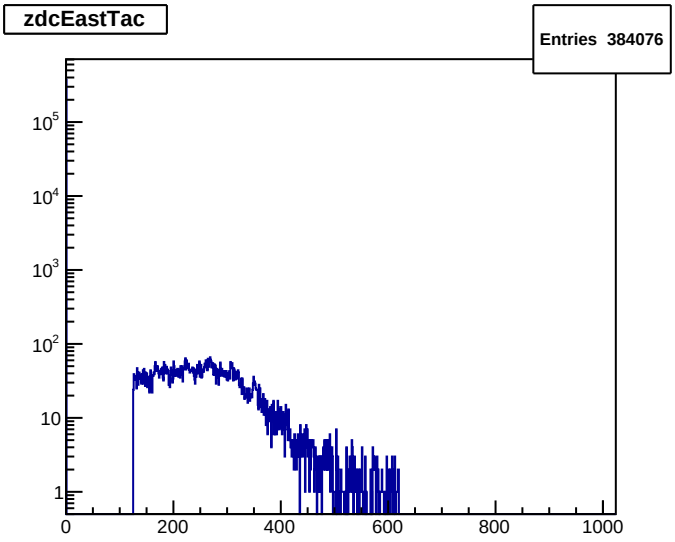

vpdEastTacMaxVsSimu
Entries 238402
Data
Simu

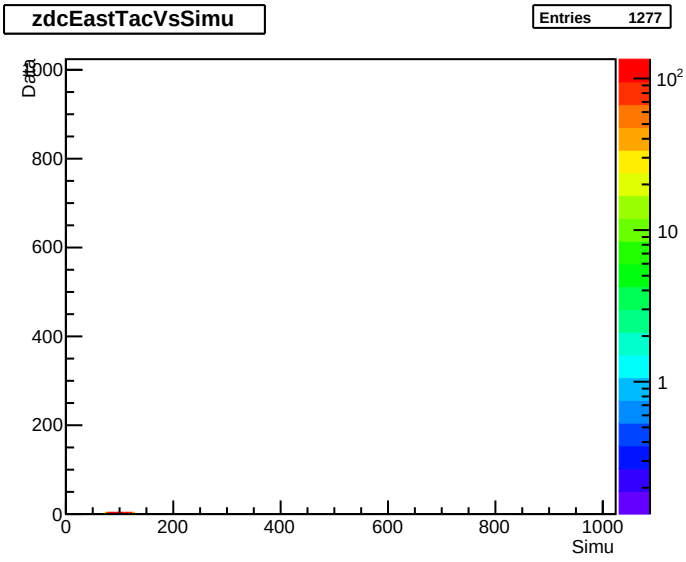

vpdWestAdcSum
Entries 384076

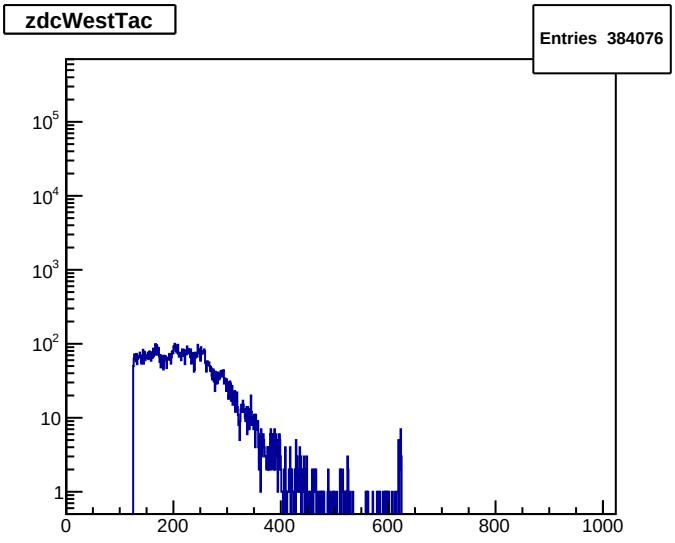

vpdWestAdcSumVsSimu
Entries 301213
Data
Simu

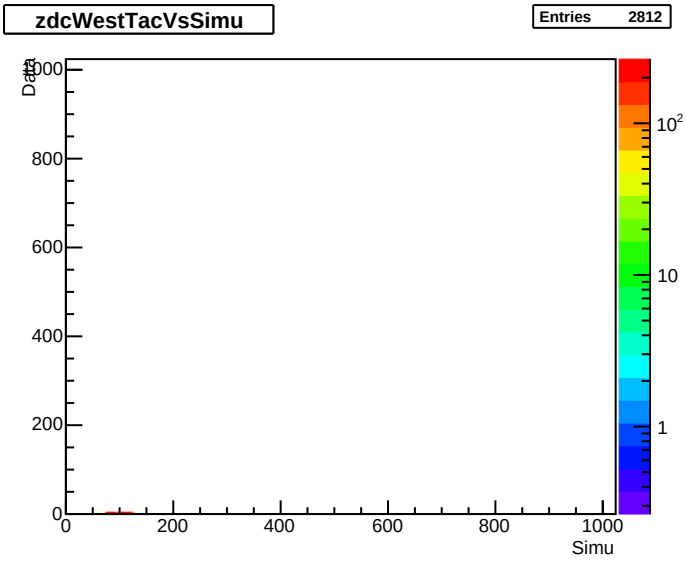

vpdWestTacMax
Entries 384076

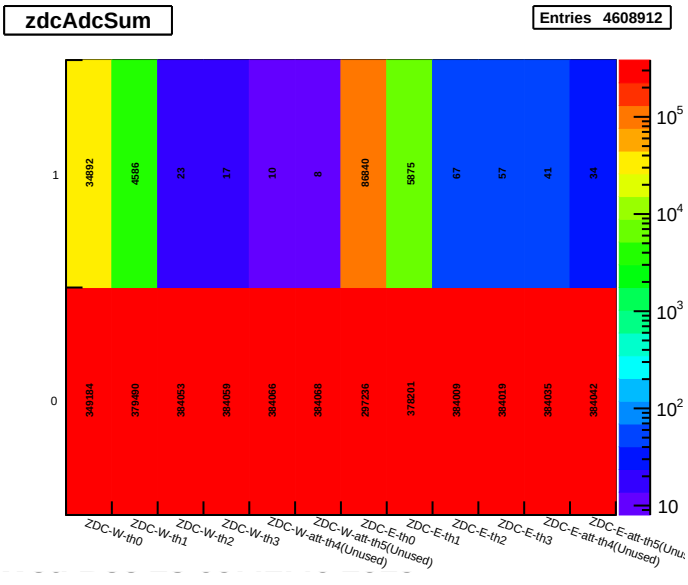

vpdWestTacMaxVsSimu
Entries 301213
Data
Simu

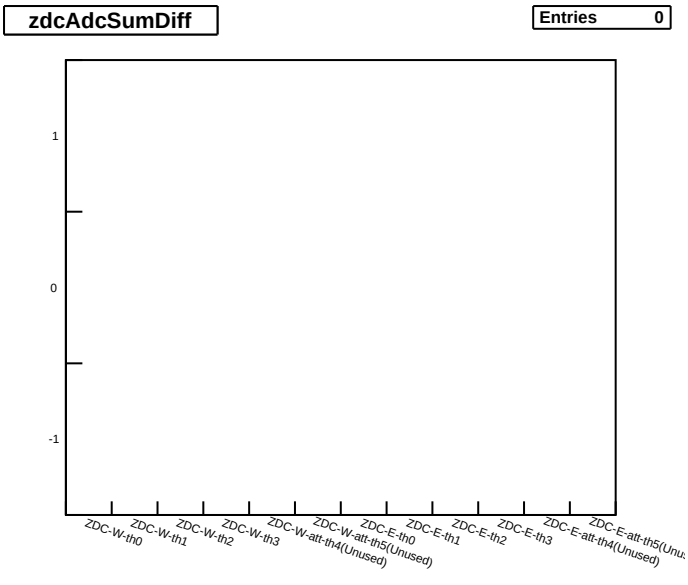

zdcEastTac
Entries 384076

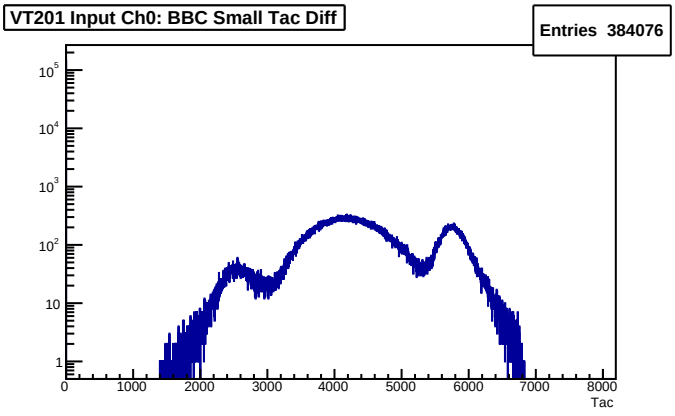

zdcEastTacVsSimu
Entries 1277
Data
Simu

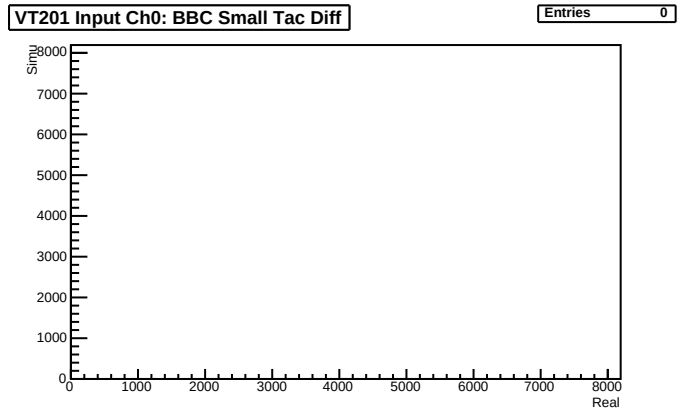

zdcWestTac
Entries 384076

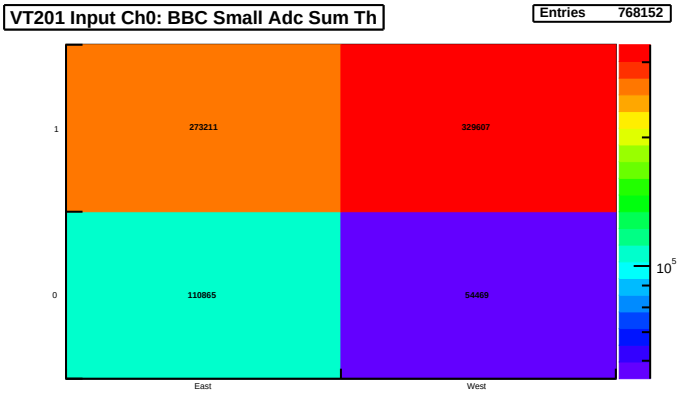

zdcWestTacVsSimu
Entries 2812
Data
Simu

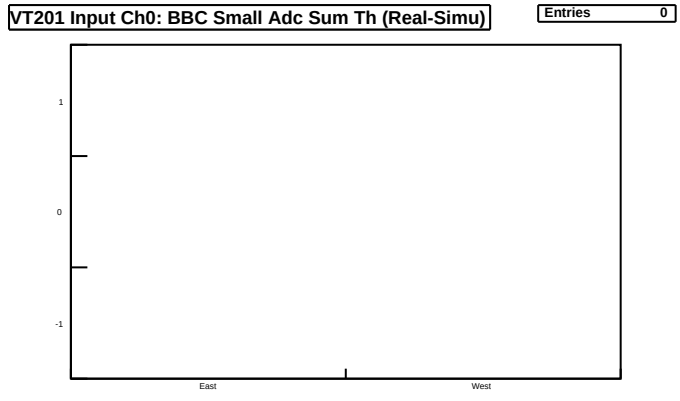

zdcAdcSum
Entries 4608912
34892
4586
23
17
10
8
86840
5875
67
57
41
34
349184
379490
384053
384059
384066
384068
297236
378201
384009
384019
384035
384042
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

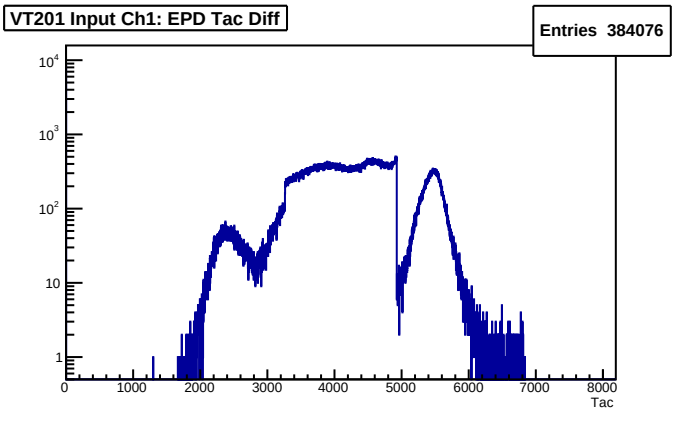

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

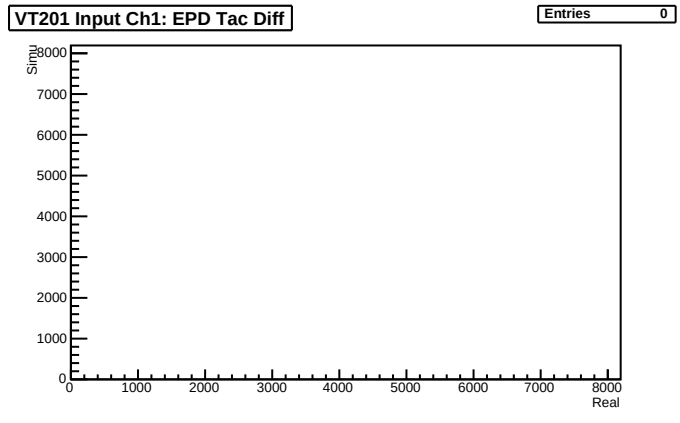

VT201 Input Ch0: BBC Small Tac Diff
Entries 384076
Tac

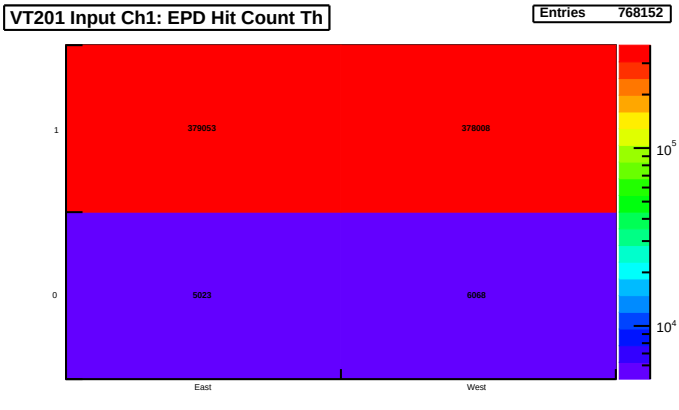

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

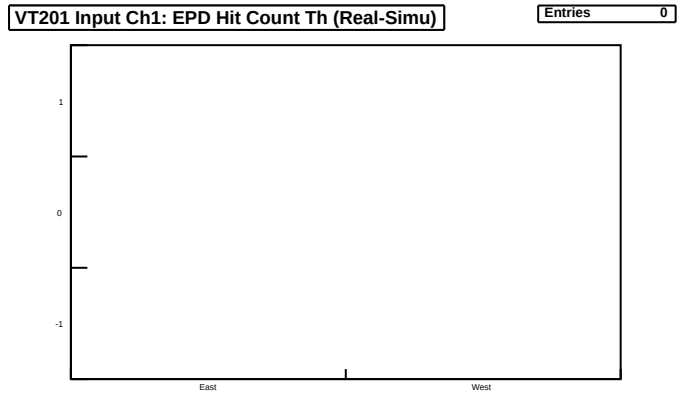

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 768152
273211
329607
110865
54469
East
West

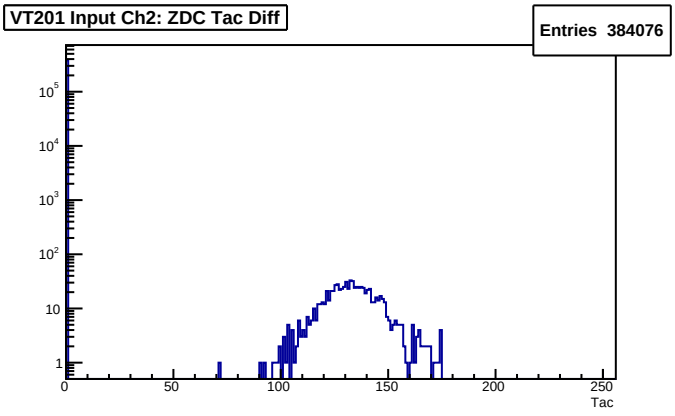

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

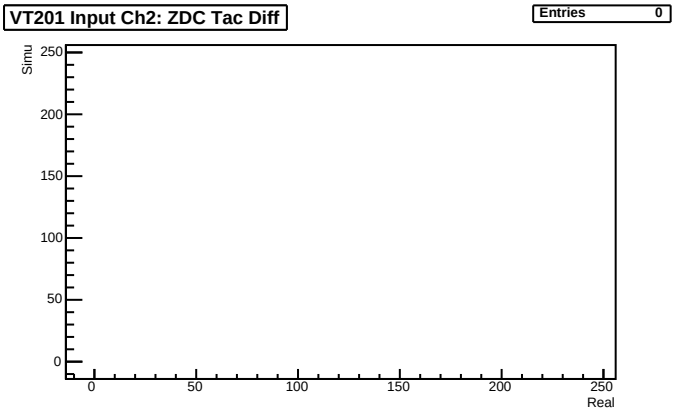

VT201 Input Ch1: EPD Tac Diff
Entries 384076
Tac

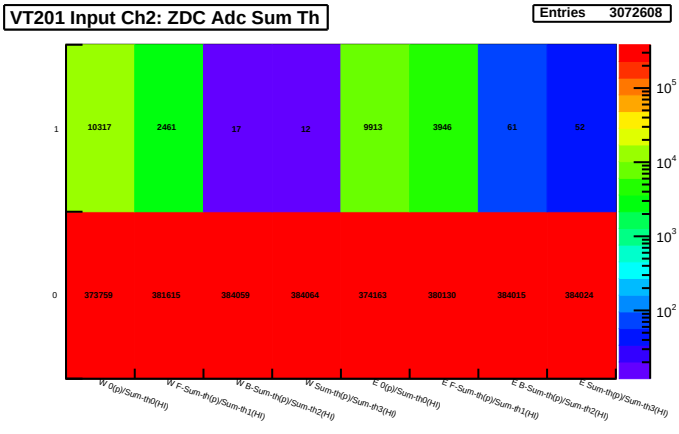

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

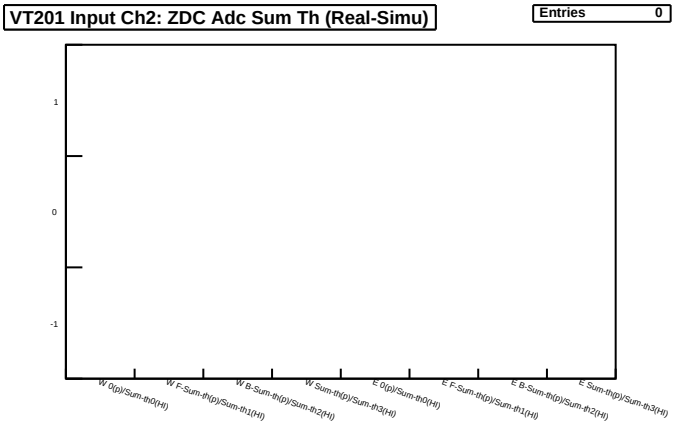

VT201 Input Ch1: EPD Hit Count Th
Entries 768152
379053
379008
5023
6068
East
West

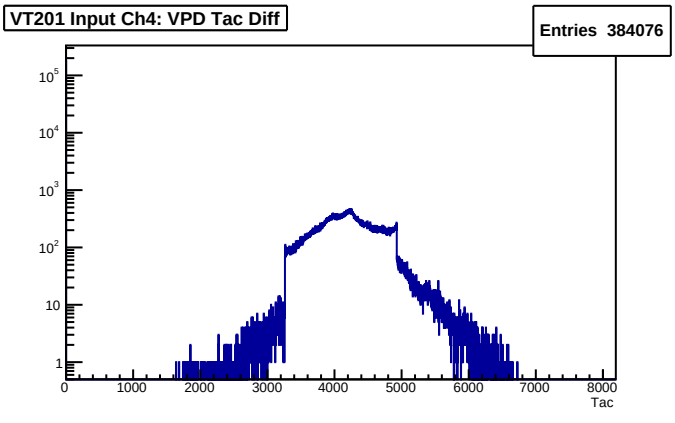

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

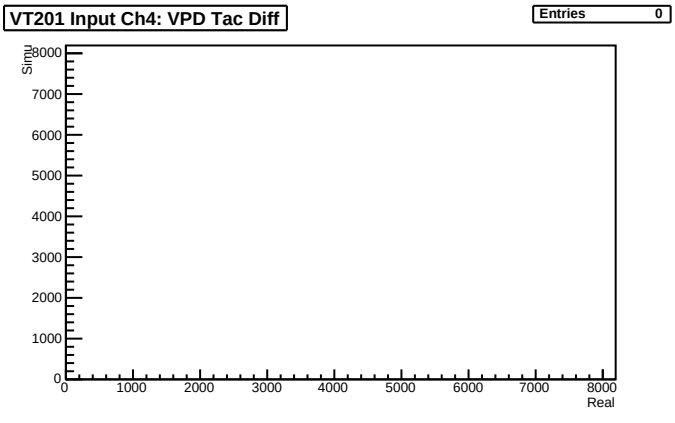

VT201 Input Ch2: ZDC Tac Diff
Entries 384076
Tac

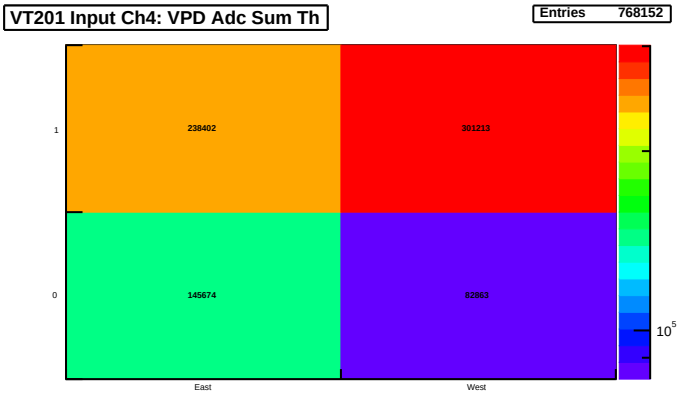

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

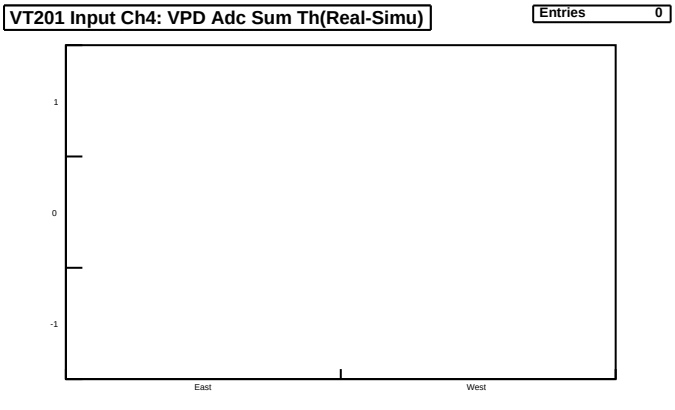

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3072608
10317
2461
17
12
9913
3946
61
52
373759
381615
384059
384064
374163
380130
384015
384024
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

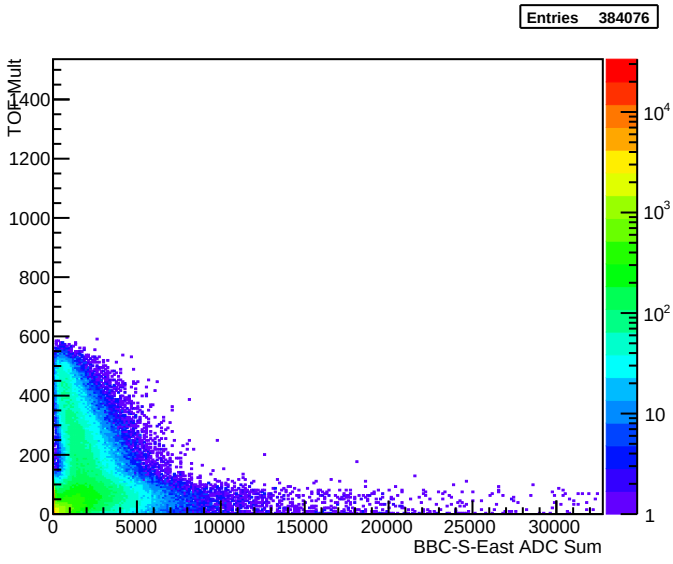

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

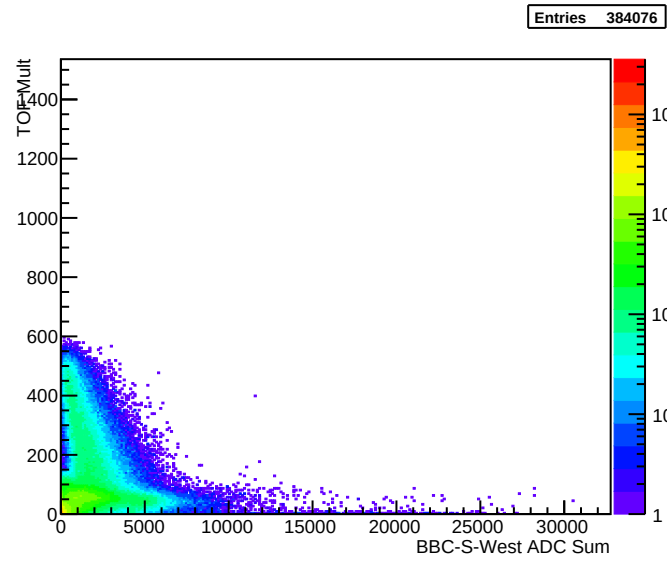

VT201 Input Ch4: VPD Tac Diff
Entries 384076
Tac

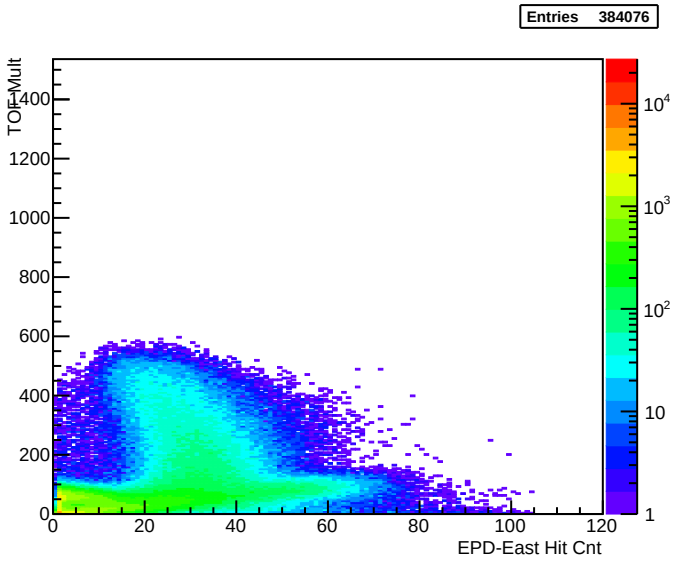

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

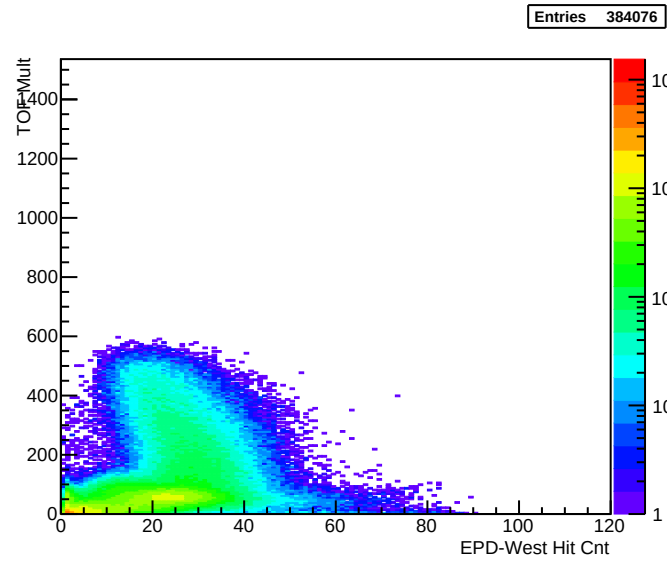

VT201 Input Ch4: VPD Adc Sum Th
Entries 768152
238402
301213
145674
82863
East
West

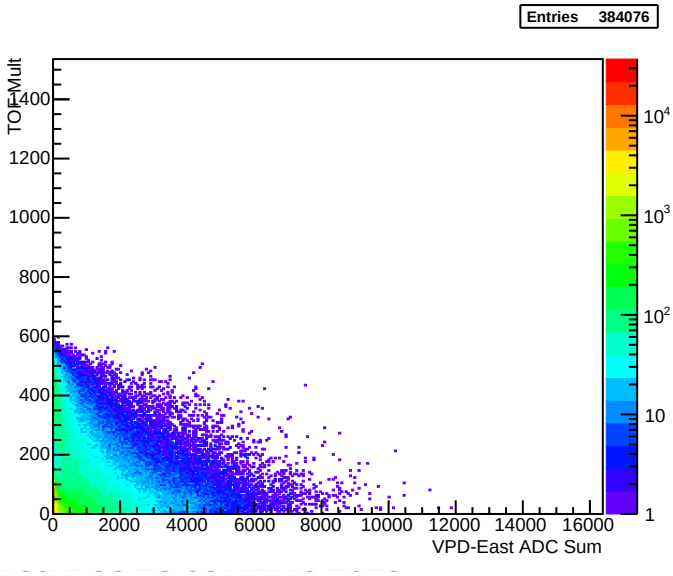

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

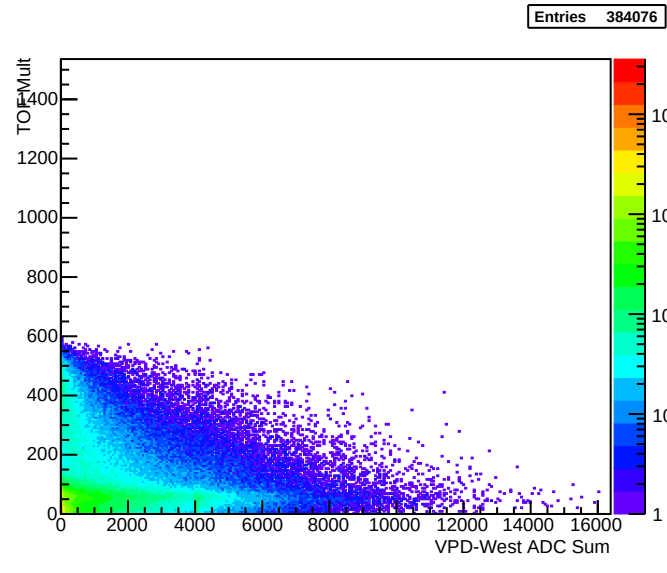

Entries 384076
TOF-Mult
BBC-S-East ADC Sum

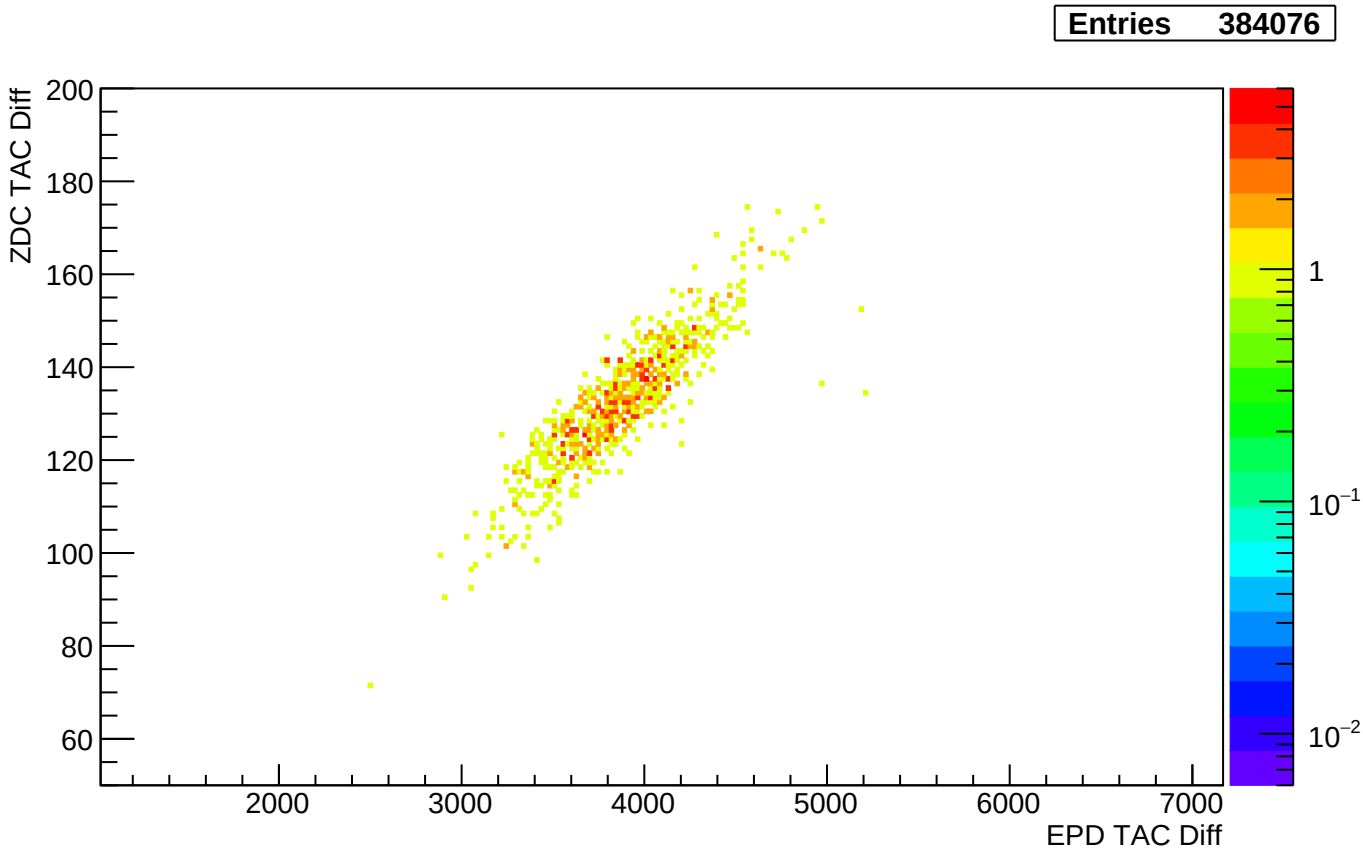

Entries 384076
TOF-Mult
BBC-S-West ADC Sum

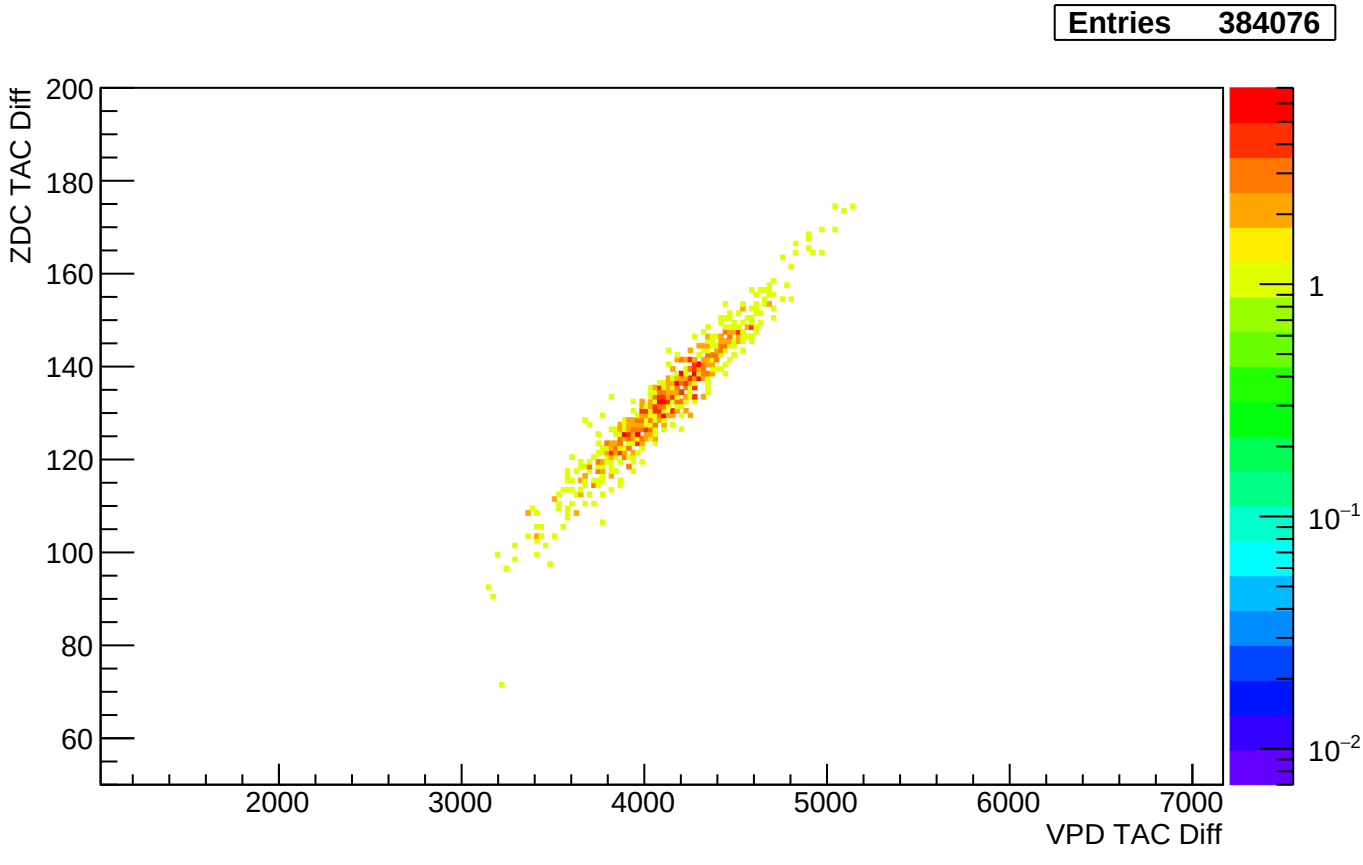

Entries 384076
TOF-Mult
EPD-East Hit Cnt

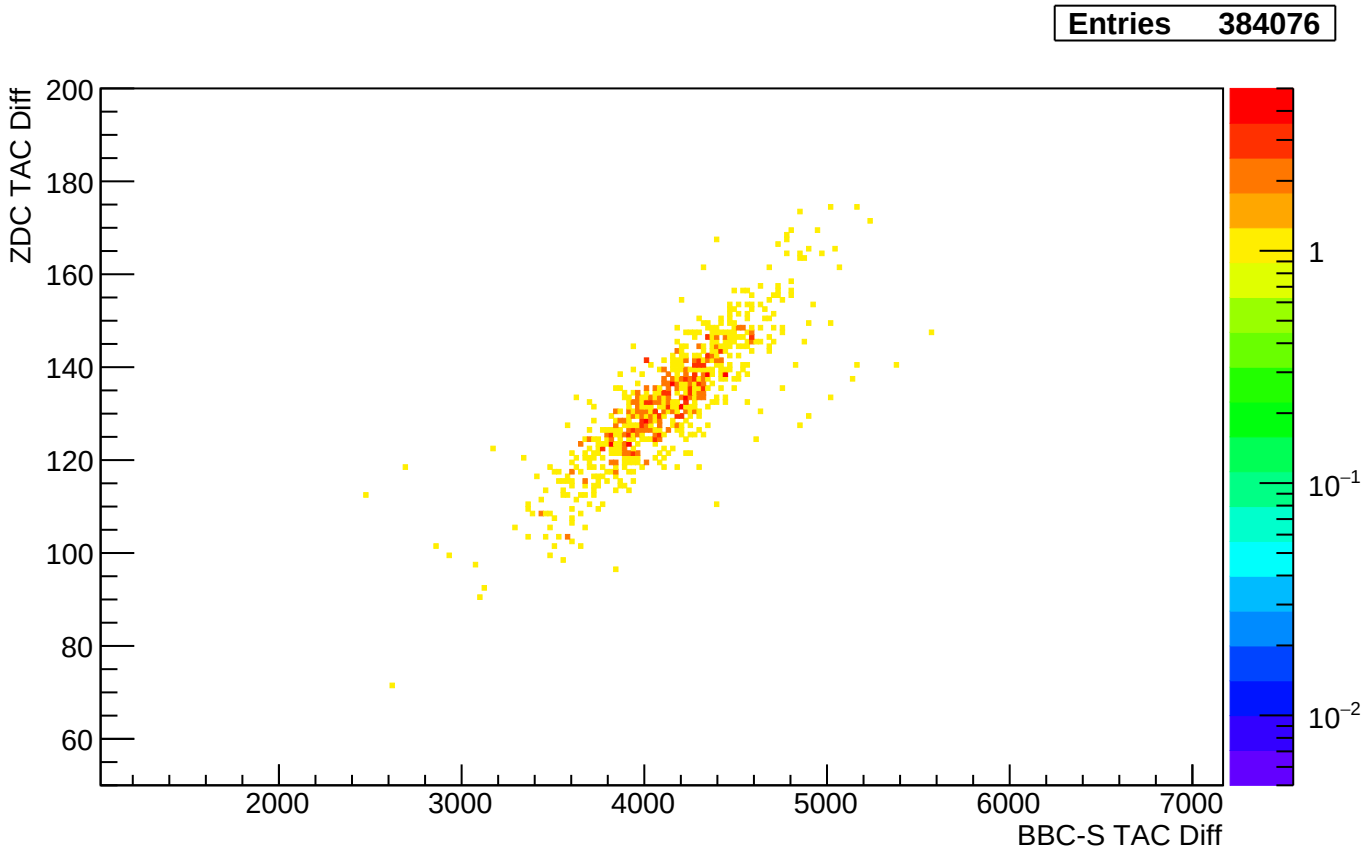

Entries 384076
TOF-Mult
EPD-West Hit Cnt

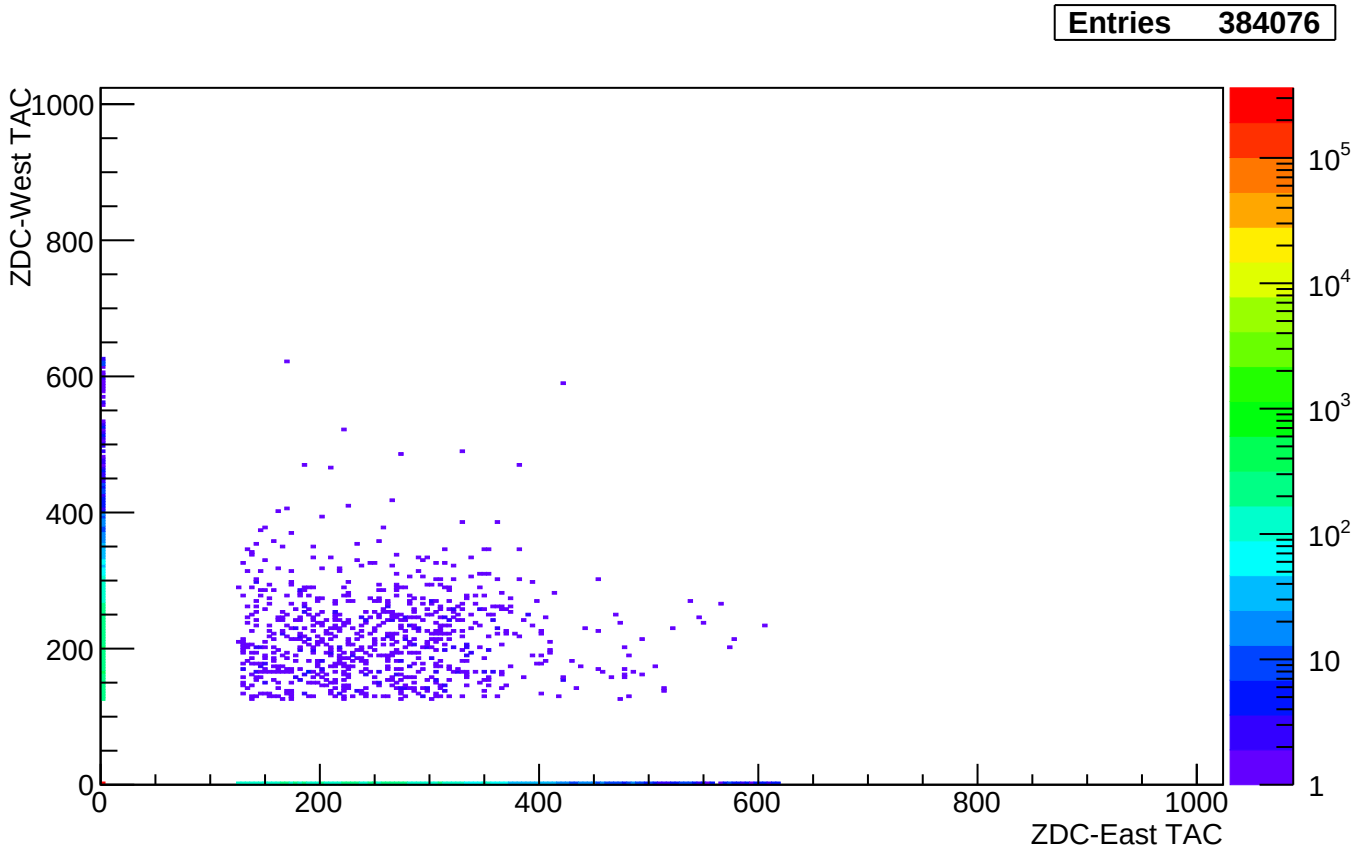

Entries 384076
TOF-Mult
VPD-East ADC Sum

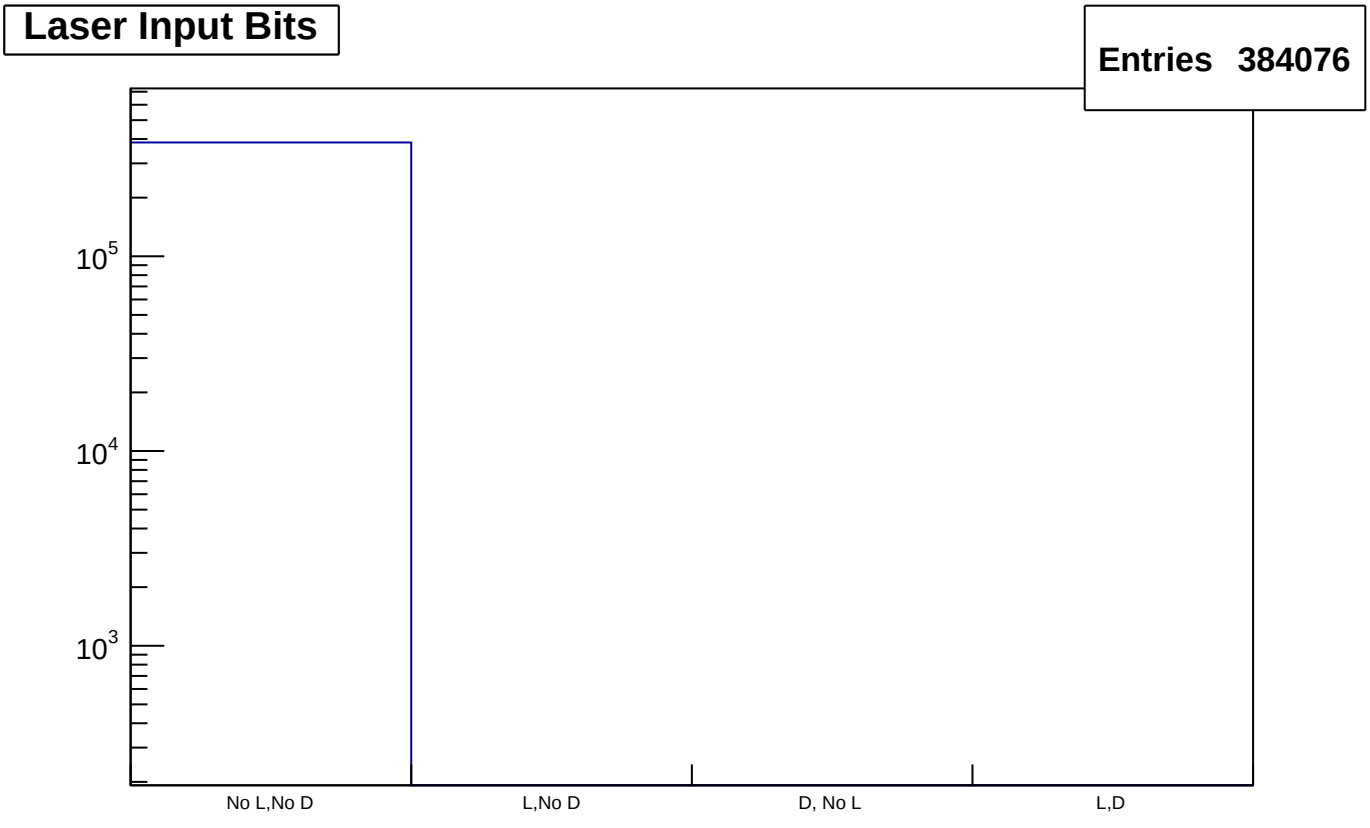

Entries 384076
TOF-Mult
VPD-West ADC Sum

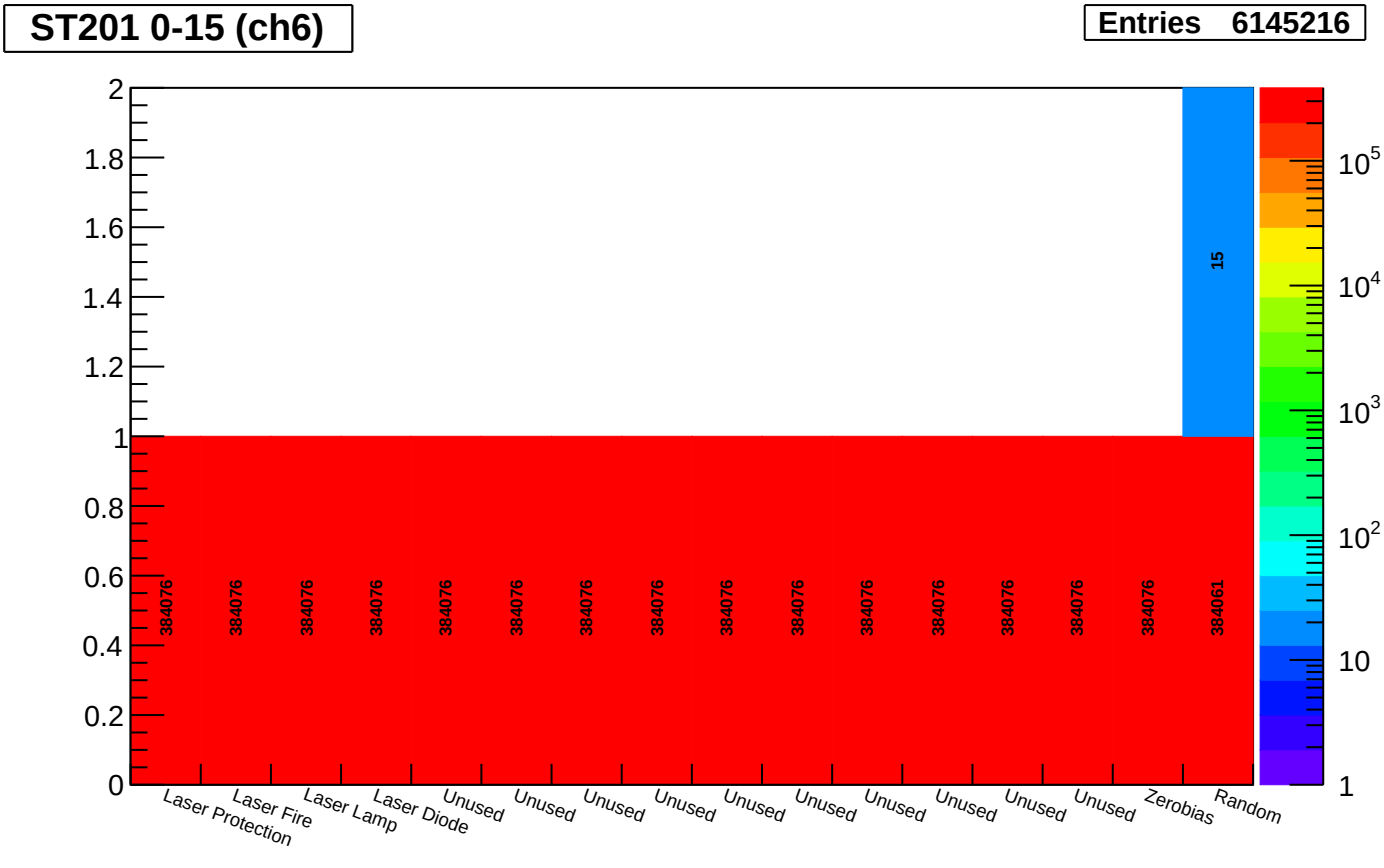

Entries 384076
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

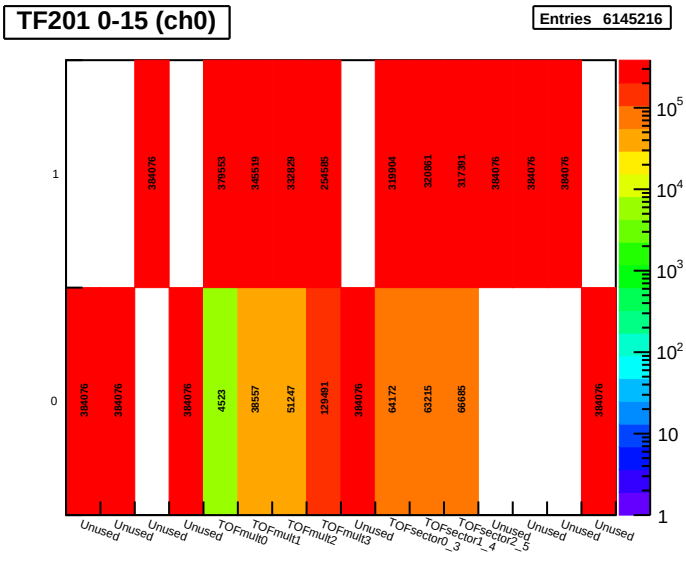

Entries 384076
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

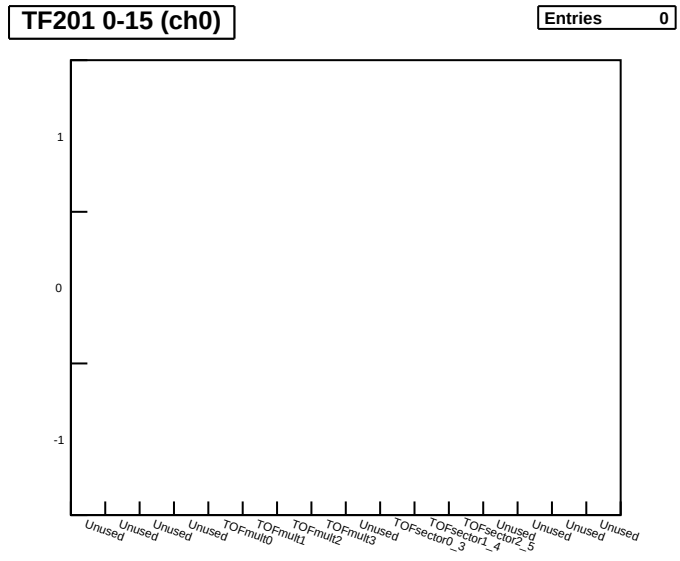

Entries 384076
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

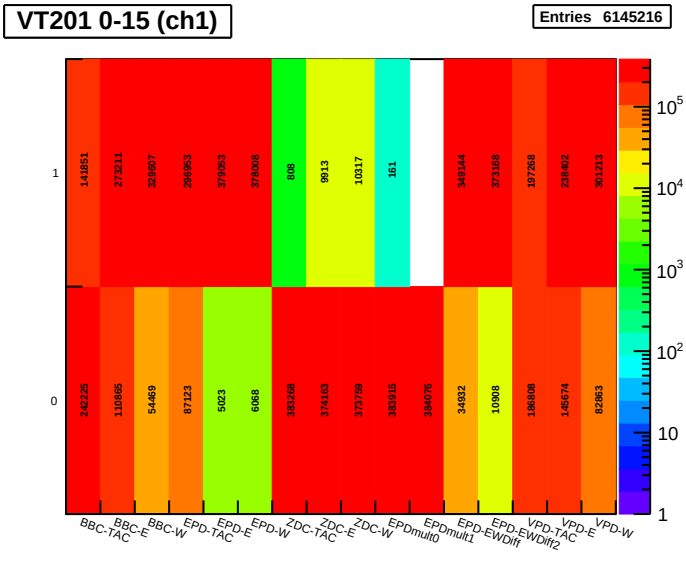

Entries 384076
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

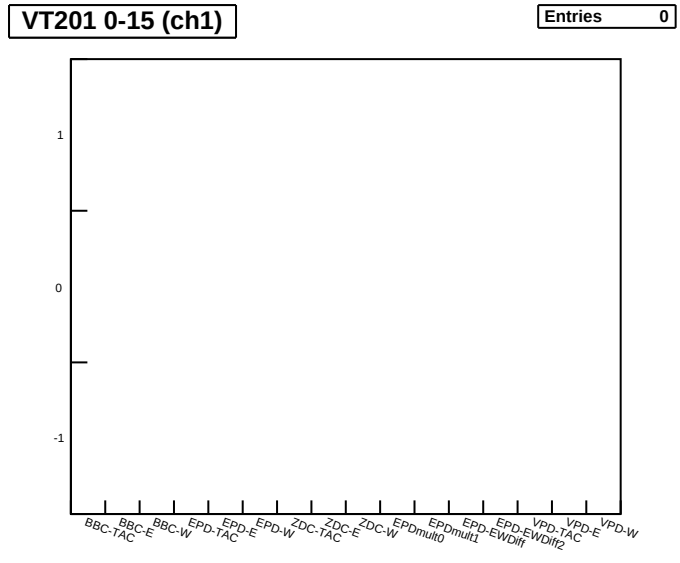

Laser Input Bits
Entries 384076
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

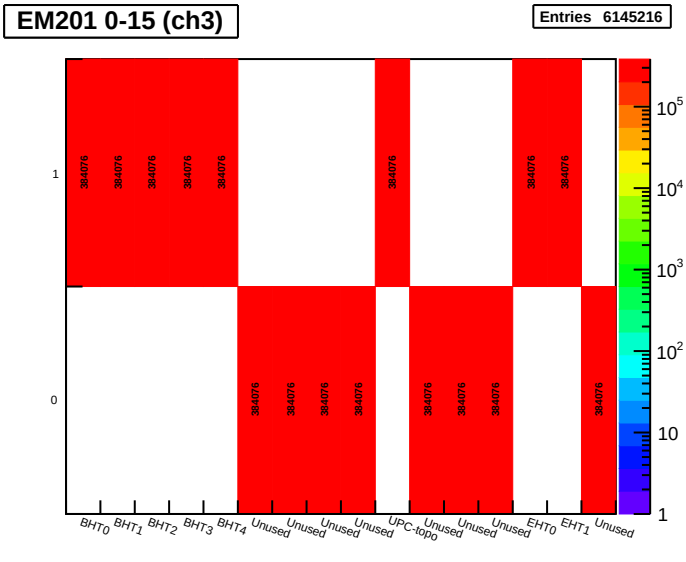

ST201 0-15 (ch6)
Entries 6145216
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
384076
384076
384076
384076
384076
384076
384076
384076
384076
384076
384076
384076
384076
384076
384076
384061
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

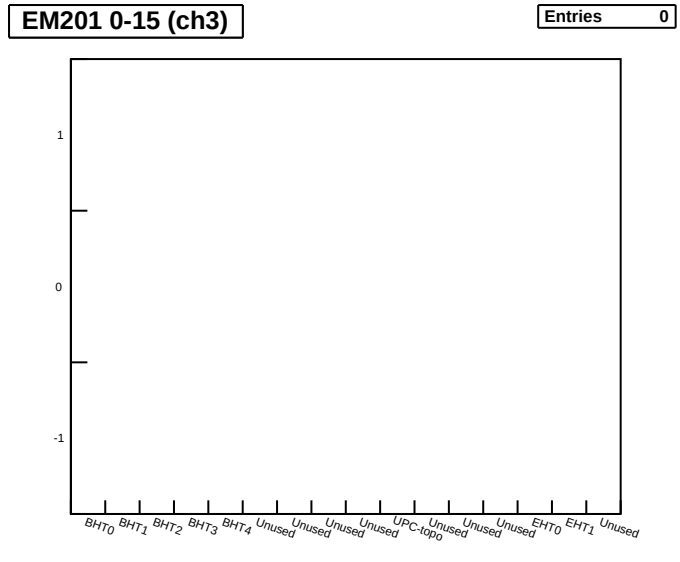

TF201 0-15 (ch0)
Entries 6145216
1
0
384076 379553 345519 323829 294585 319904 320861 317391 384076 384076 384076
384076 384076 384076 4523 38557 51247 129491 384076 64172 63215 66685 384076
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6145216
1
0
141851 273211 329607 296953 379053 378008 808 9913 10317 161 349144 373168 197268 238402 301213
242225 110865 54469 87123 5023 6068 383268 374163 373759 383915 384076 34932 10908 186808 145674 82863
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 6145216
1
0
384076 384076 384076 384076 384076 384076 384076 384076
384076 384076 384076 384076 384076 384076 384076 384076
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