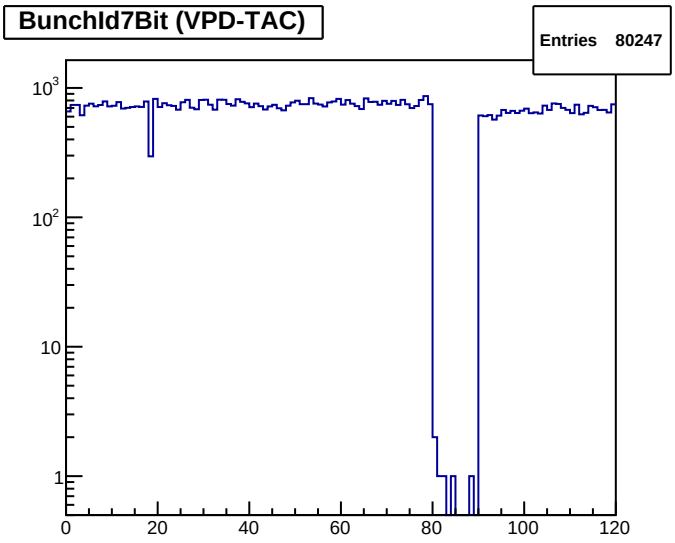
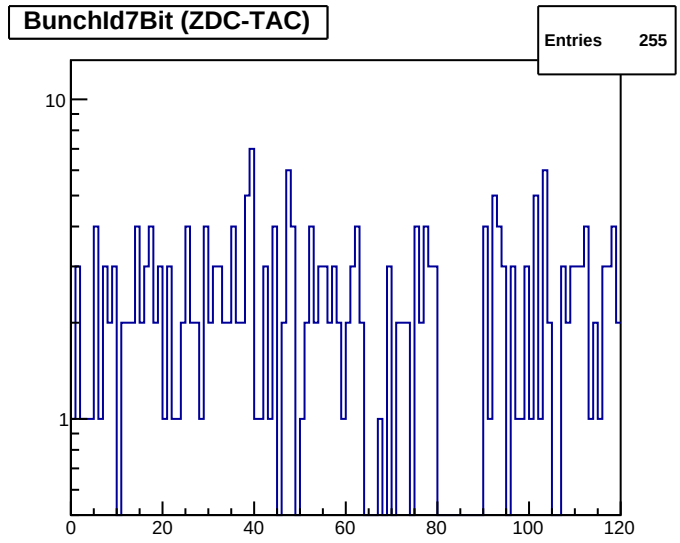
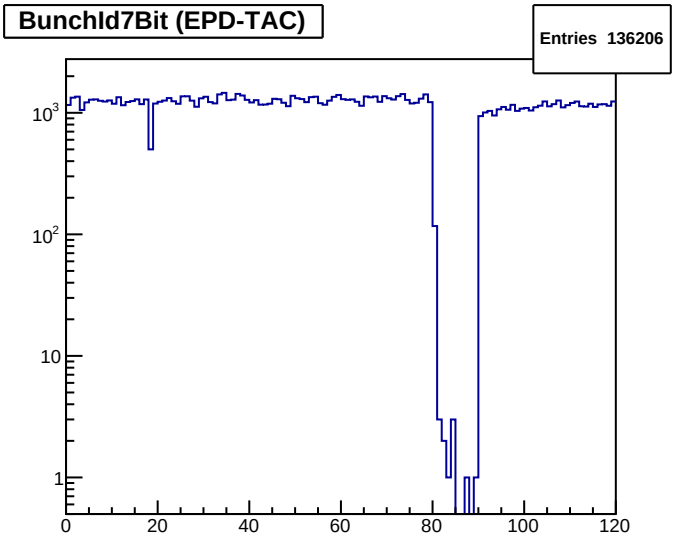
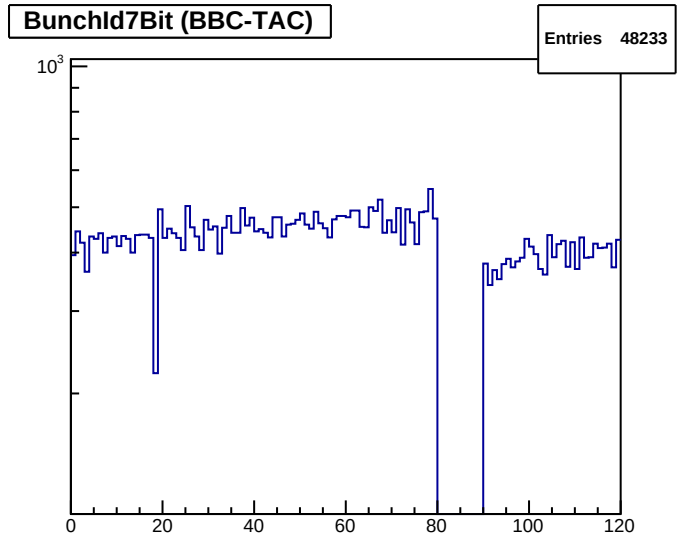
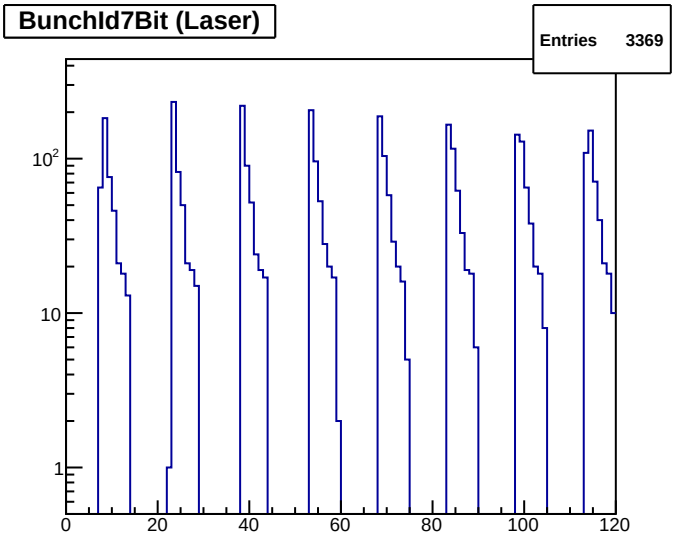
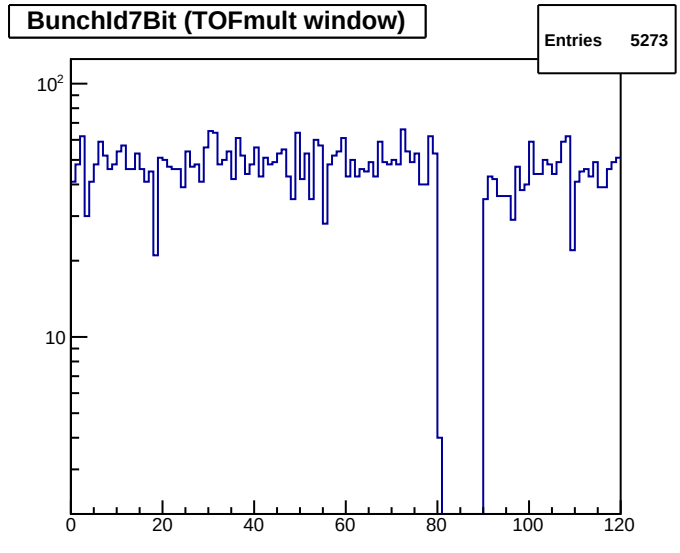

BunchId7Bit (VPD-TAC)
Entries 80247

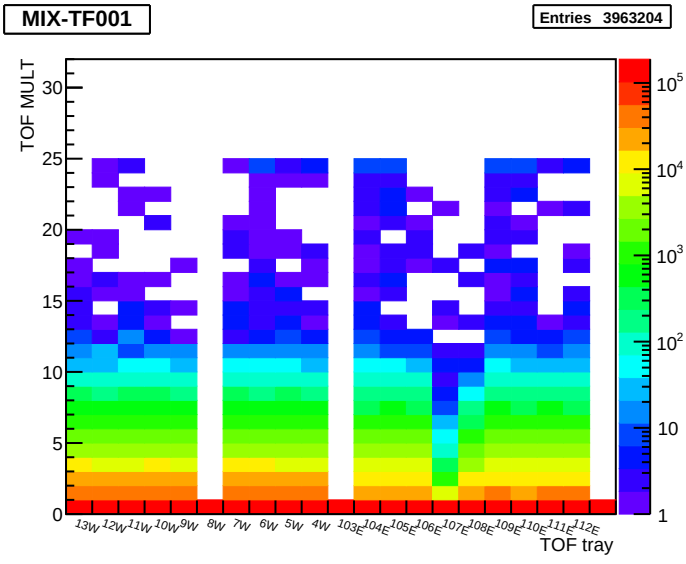

BunchId7Bit (ZDC-TAC)
Entries 255

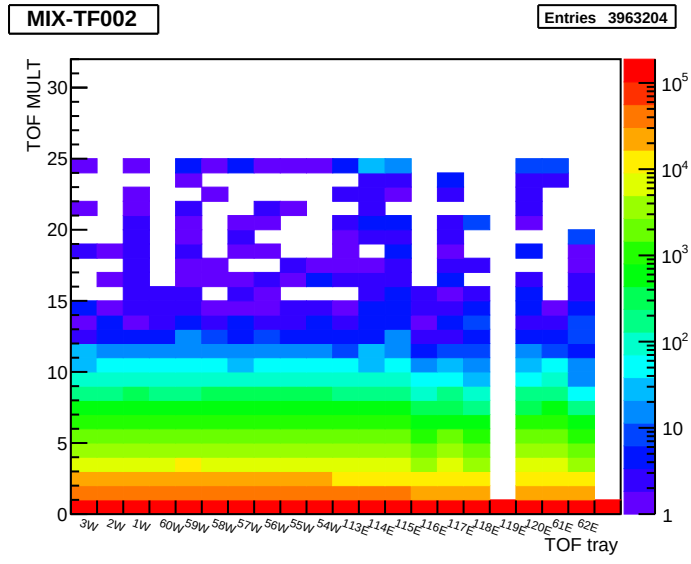

BunchId7Bit (EPD-TAC)
Entries 136206

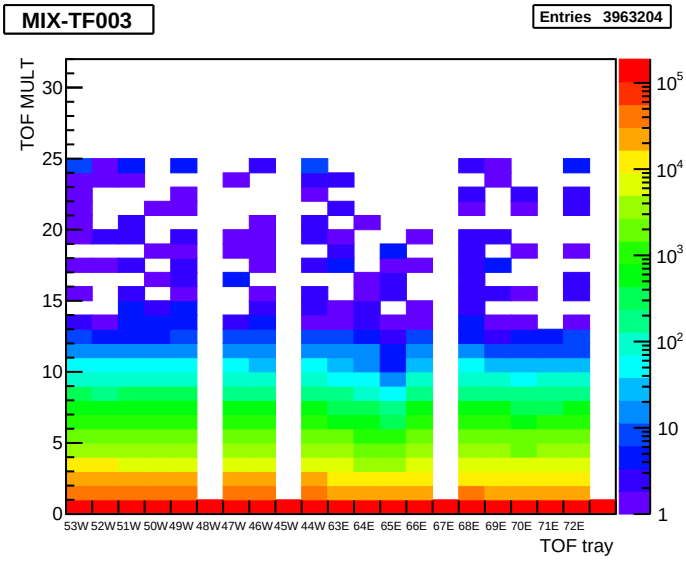

BunchId7Bit (BBC-TAC)
Entries 48233

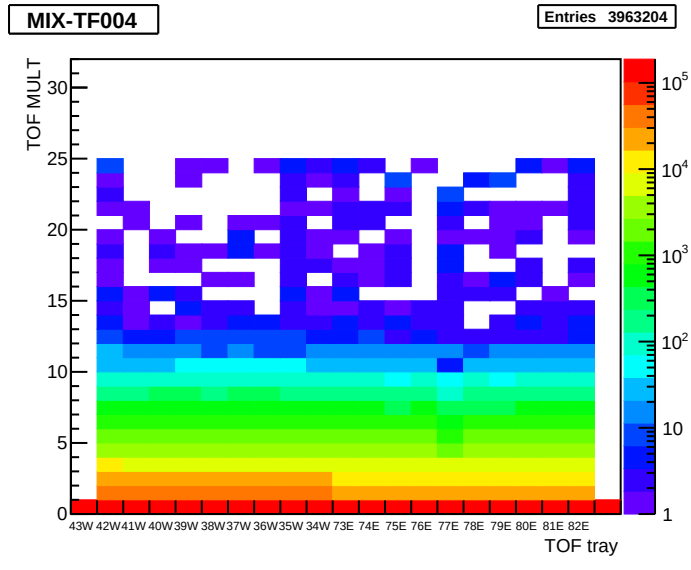

BunchId7Bit (Laser)
Entries 3369

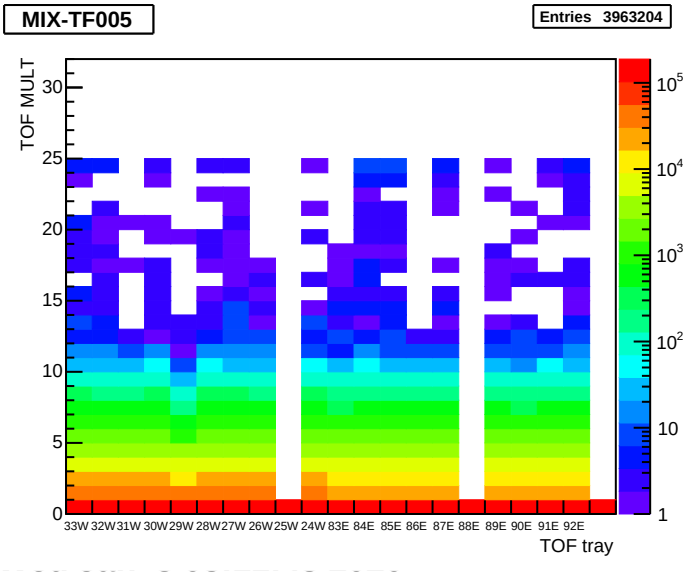

BunchId7Bit (TOFmult window)
Entries 5273

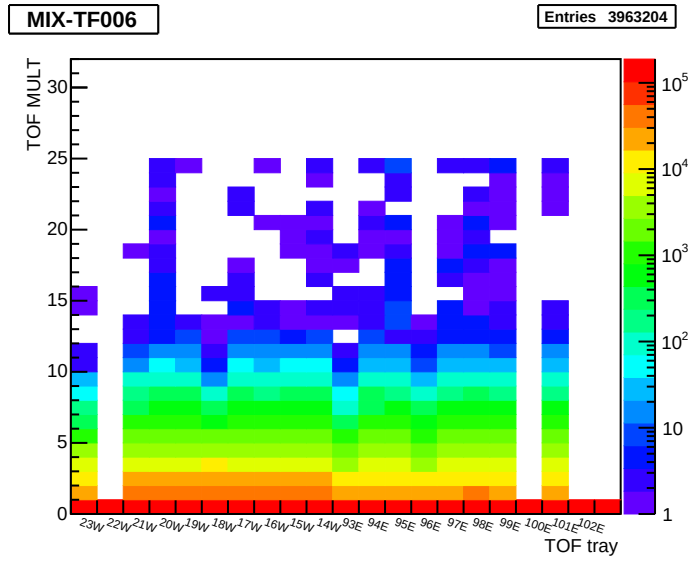

MIX-TF001
Entries 3963204
TOF MULT
TOF tray

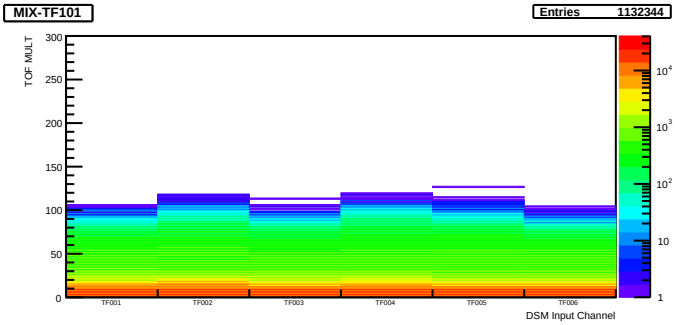

MIX-TF002
Entries 3963204
TOF MULT
TOF tray

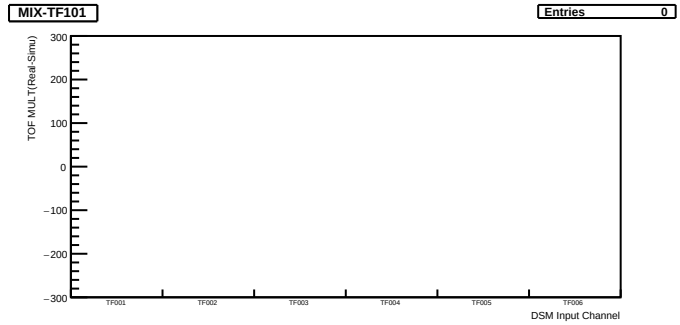

MIX-TF003
Entries 3963204
TOF MULT
TOF tray

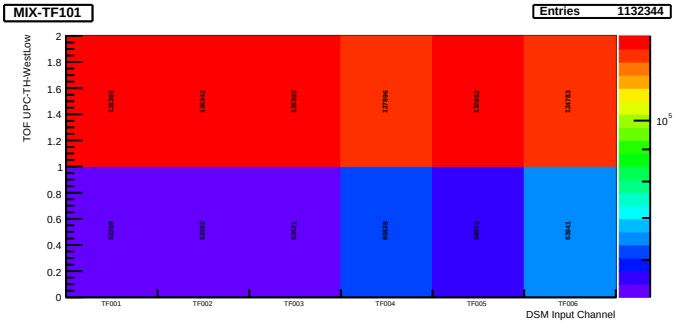

MIX-TF004
Entries 3963204
TOF MULT
TOF tray

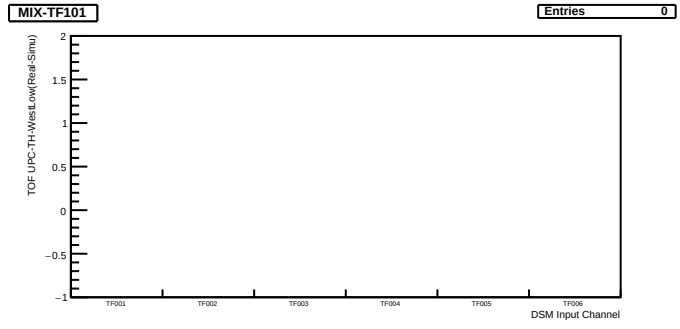

MIX-TF005
Entries 3963204
TOF MULT
TOF tray

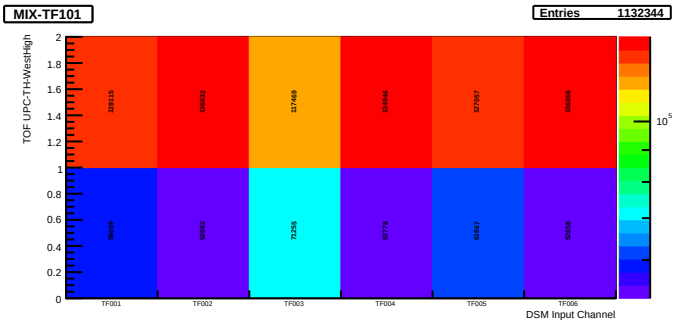

MIX-TF006
Entries 3963204
TOF MULT
TOF tray

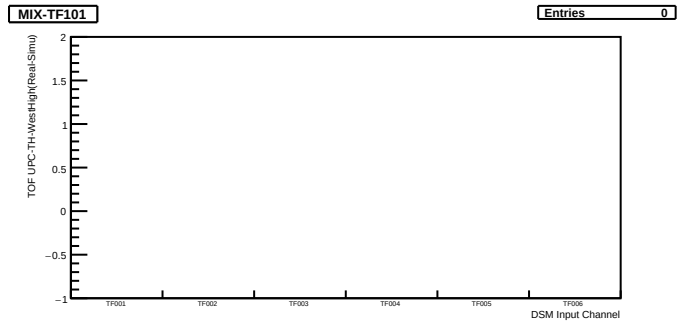

MIX-TF101
Entries 1132344
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

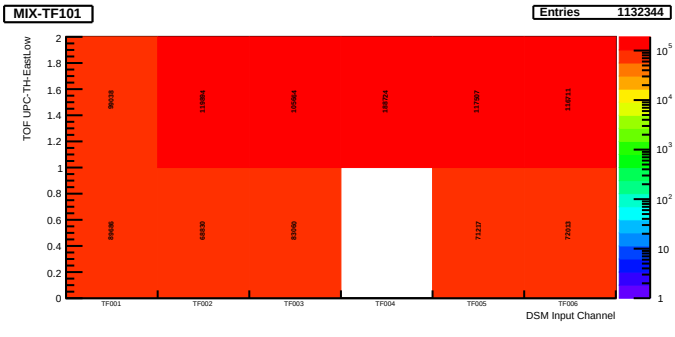

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

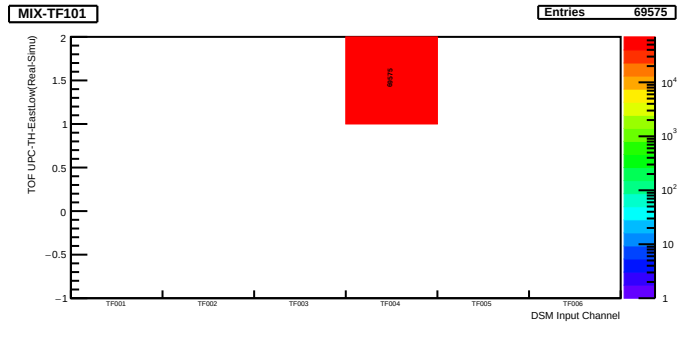

MIX-TF101
Entries 1132344
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

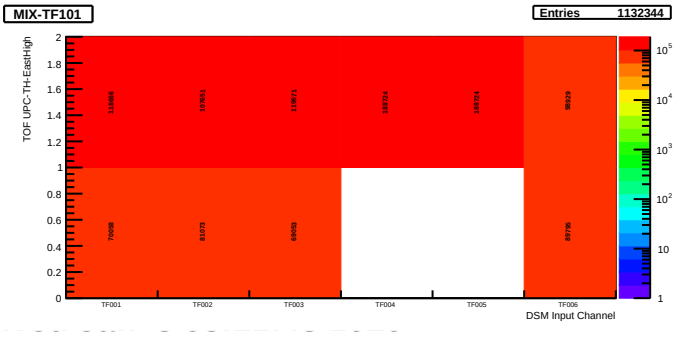

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

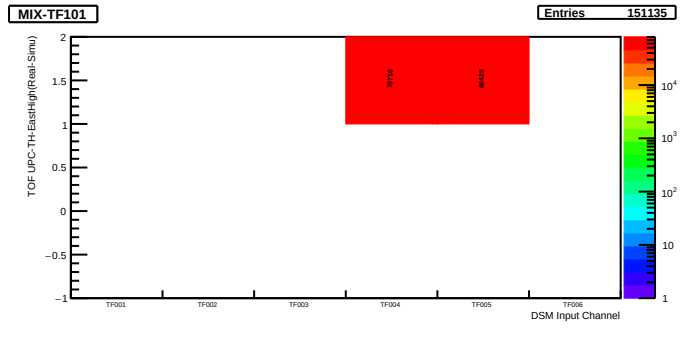

MIX-TF101
Entries 1132344
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

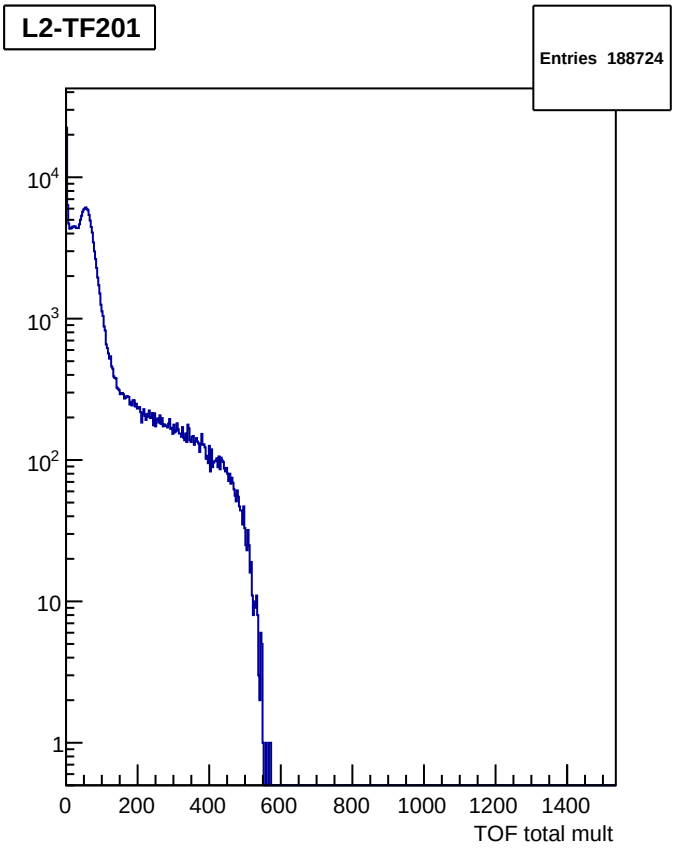

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

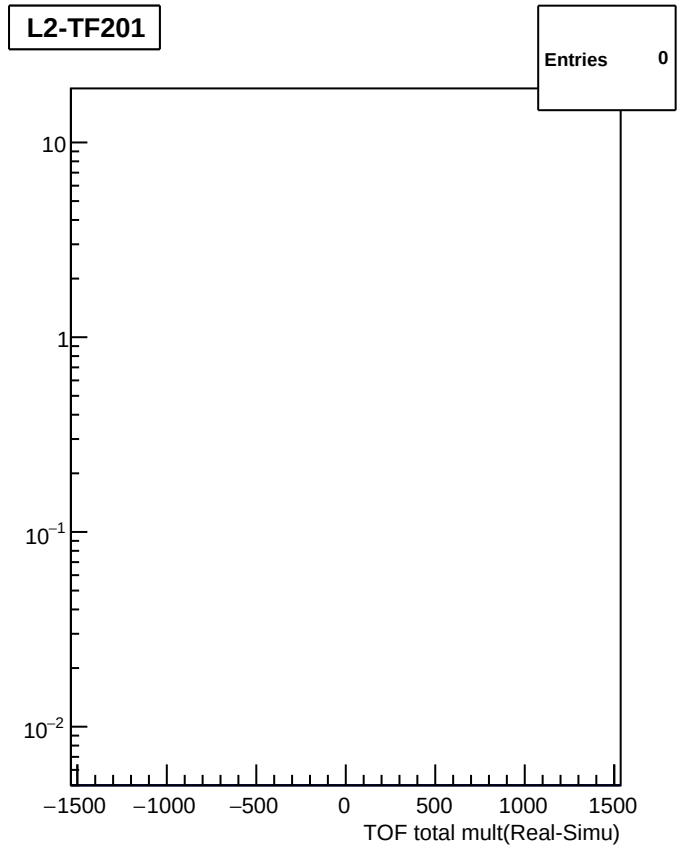

MIX-TF101
Entries 1132344
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

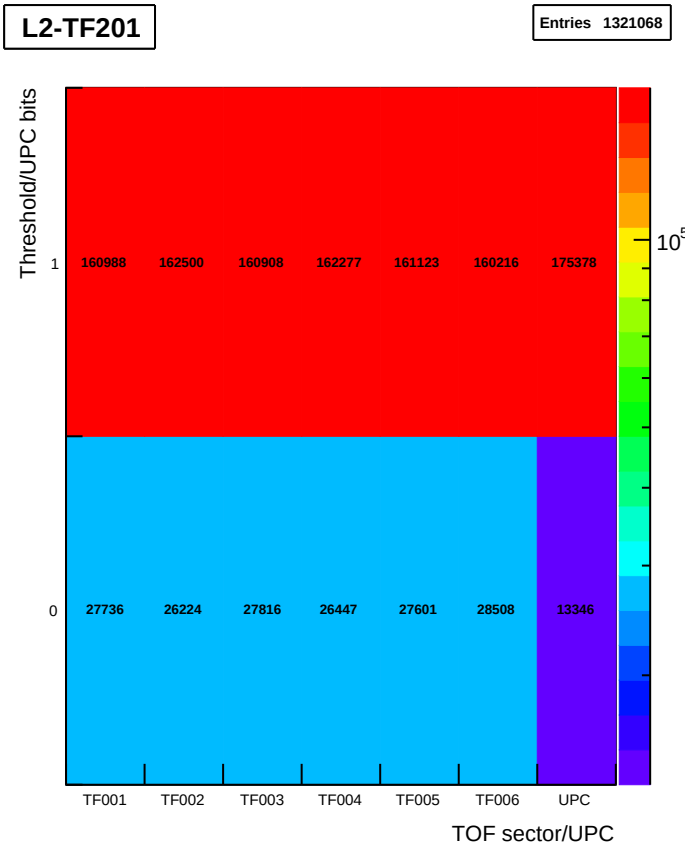

MIX-TF101
Entries 69575
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

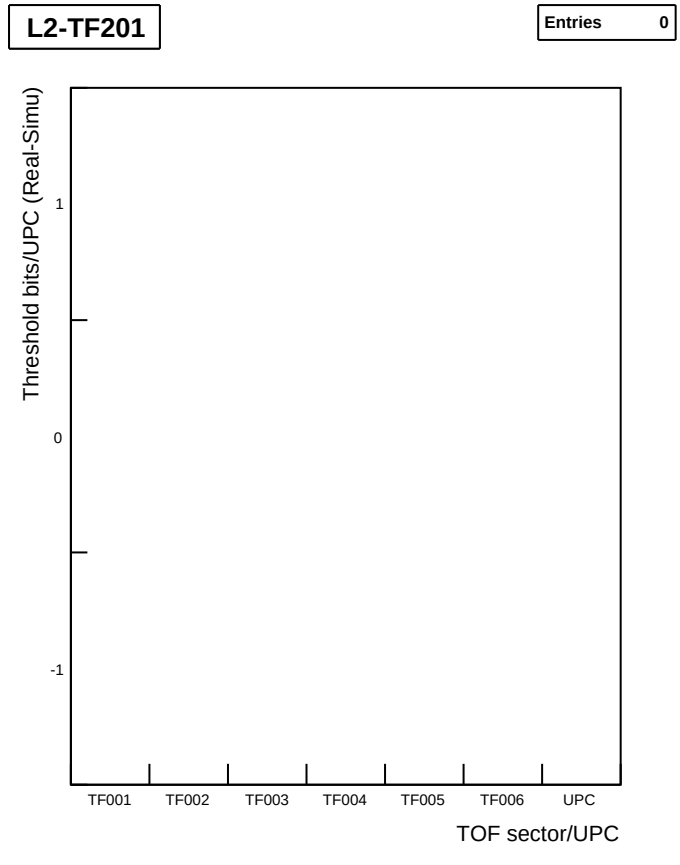

MIX-TF101
Entries 1132344
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

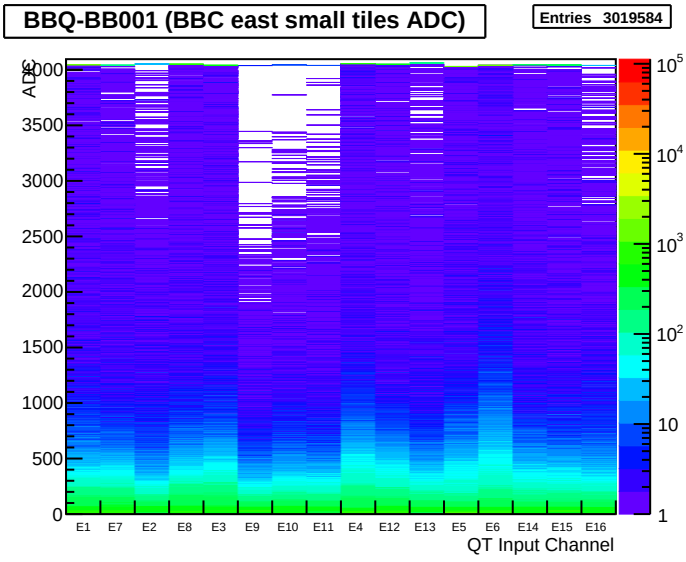

MIX-TF101
Entries 151135
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

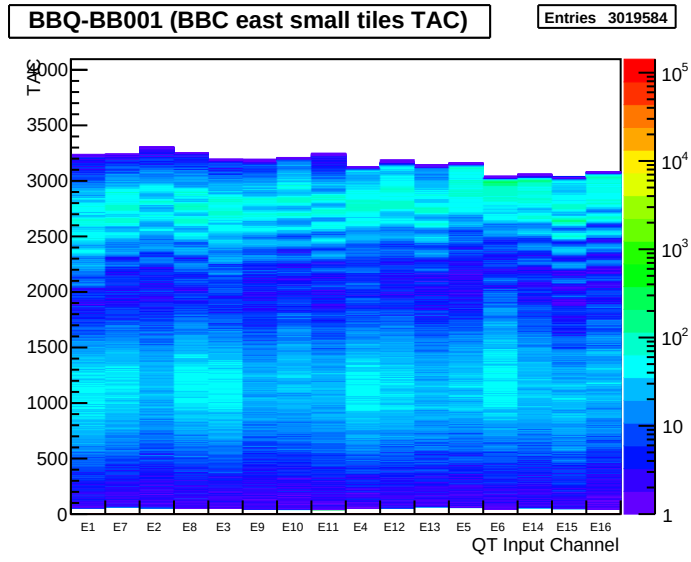

L2-TF201
Entries 188724
TOF total mult

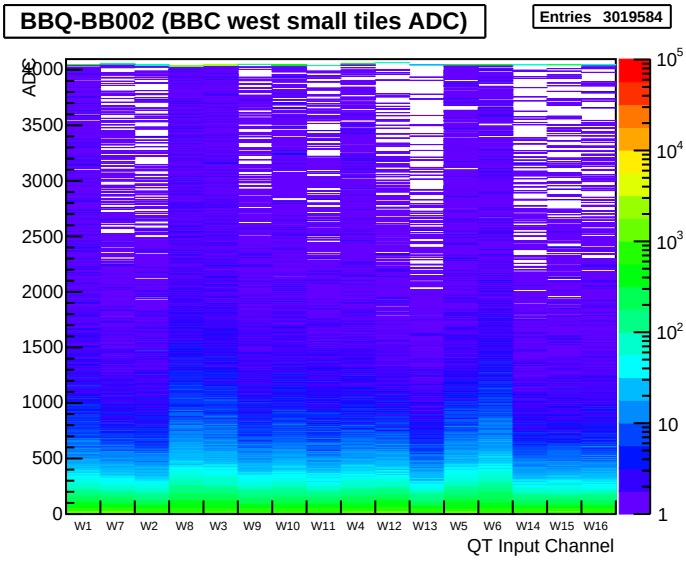

L2-TF201
Entries 0
TOF total mult(Real-Simu)

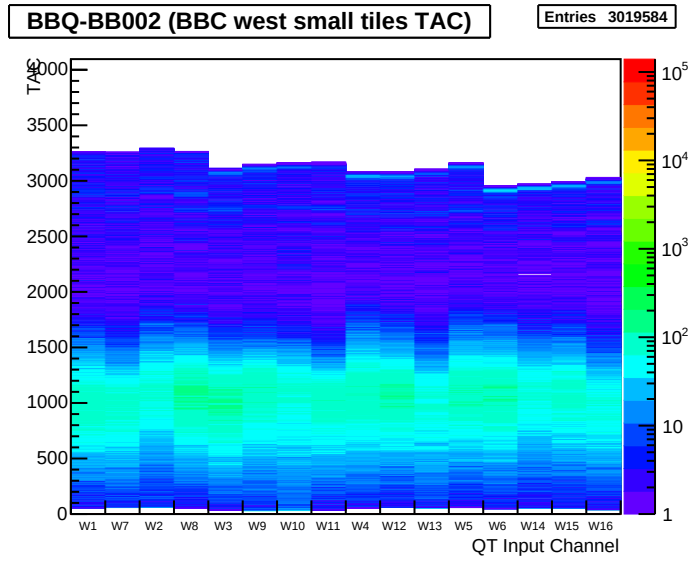

L2-TF201
Entries 1321068
Threshold/UPC bits
160988
162500
160908
162277
161123
160216
175378
27736
26224
27816
26447
27601
28508
13346
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

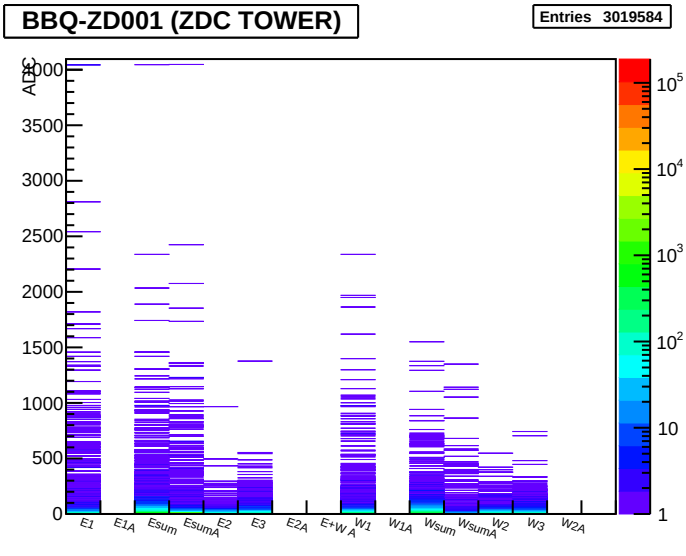

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

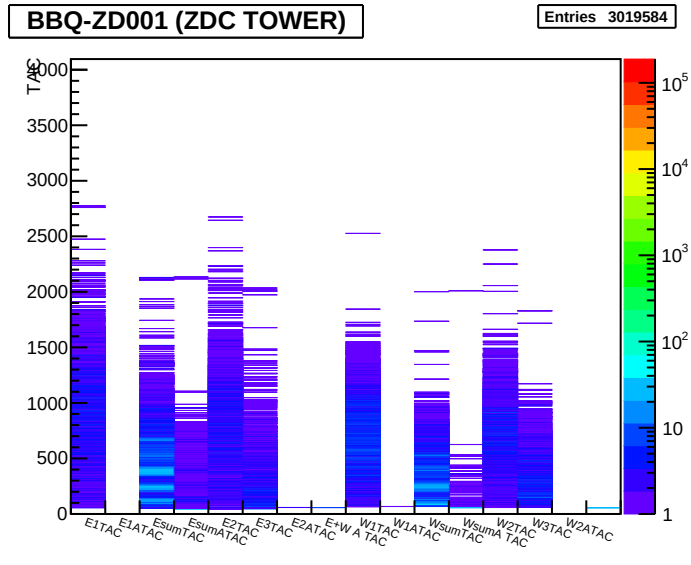

BBQ-BB001 (BBC east small tiles ADC)
Entries 3019584
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

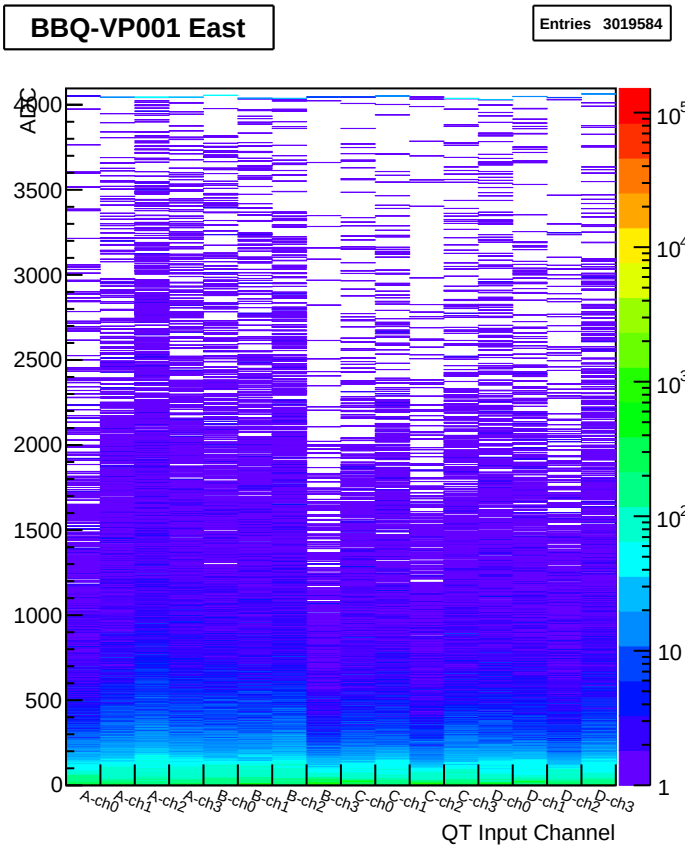

BBQ-BB001 (BBC east small tiles TAC)
Entries 3019584
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

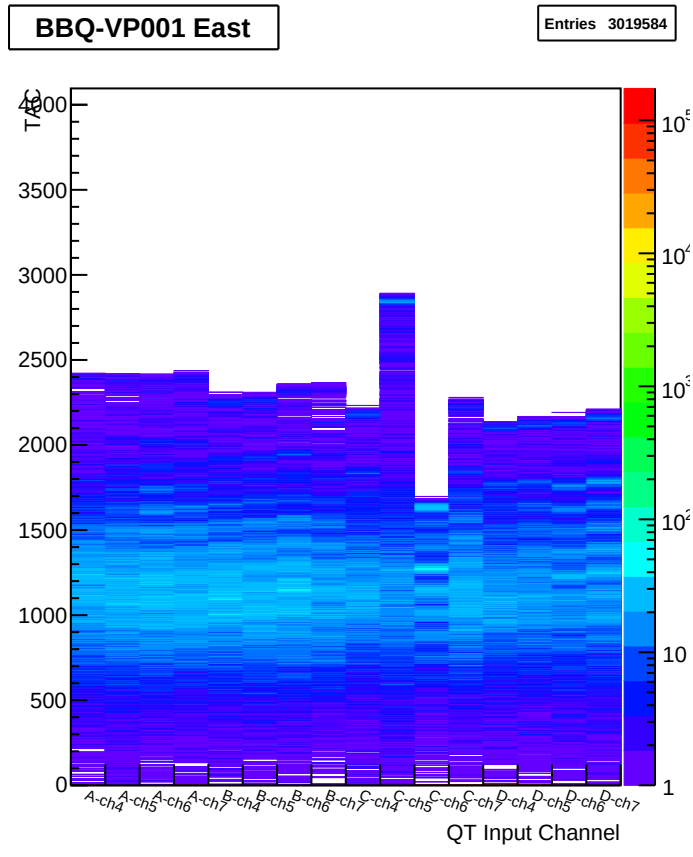

BBQ-BB002 (BBC west small tiles ADC)
Entries 3019584
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

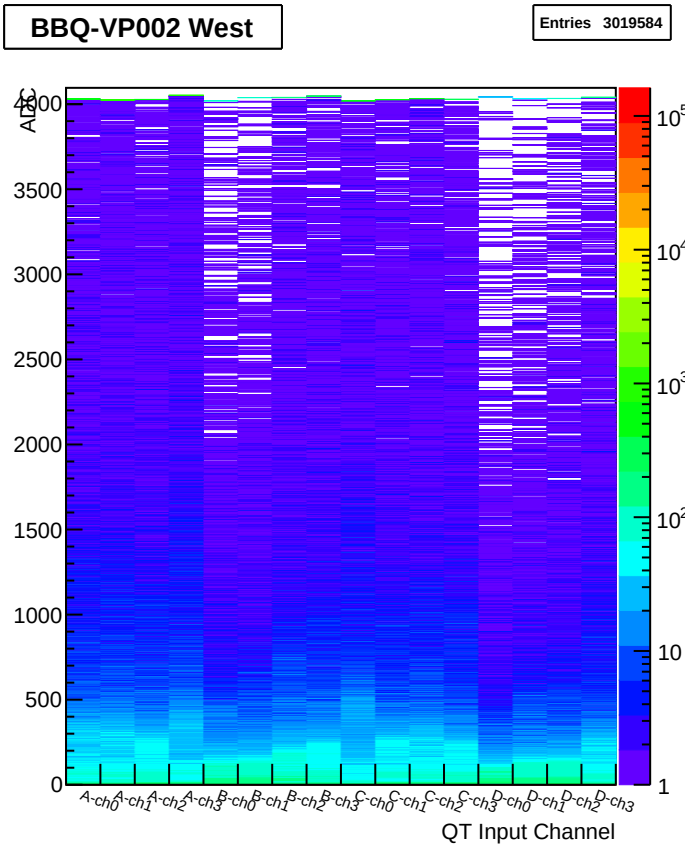

BBQ-BB002 (BBC west small tiles TAC)
Entries 3019584
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

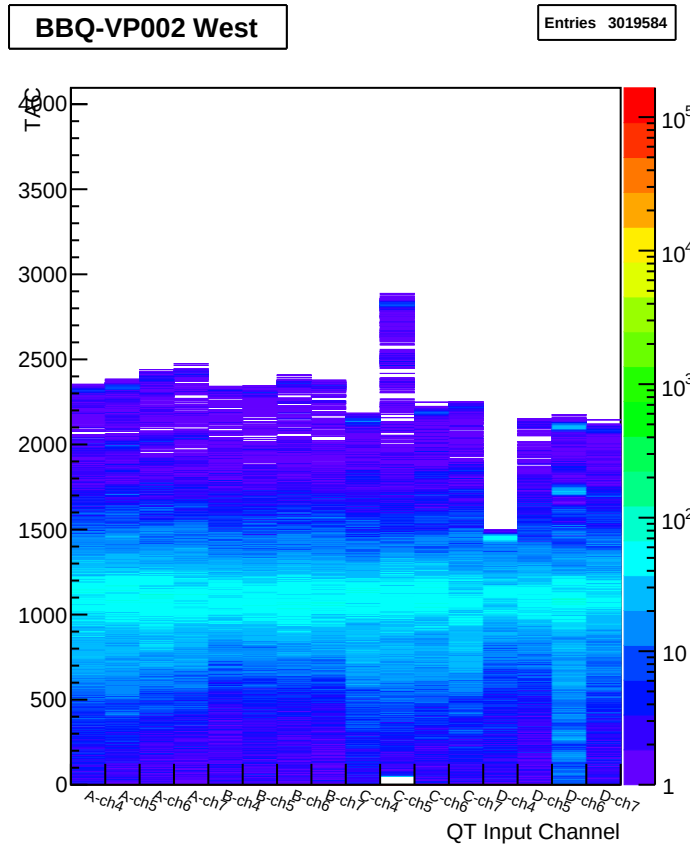

BBQ-ZD001 (ZDC TOWER)
Entries 3019584
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

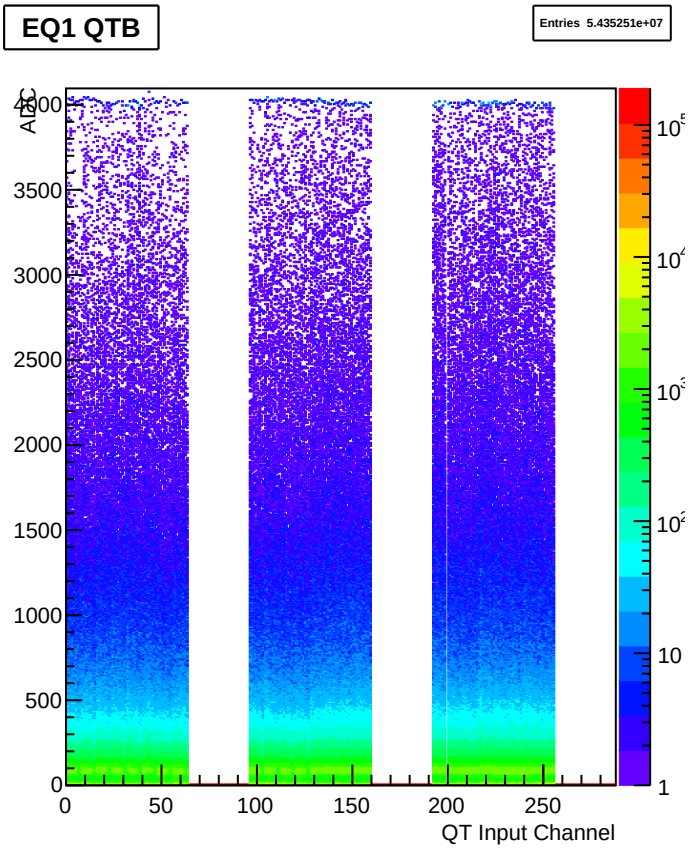

BBQ-ZD001 (ZDC TOWER)
Entries 3019584
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

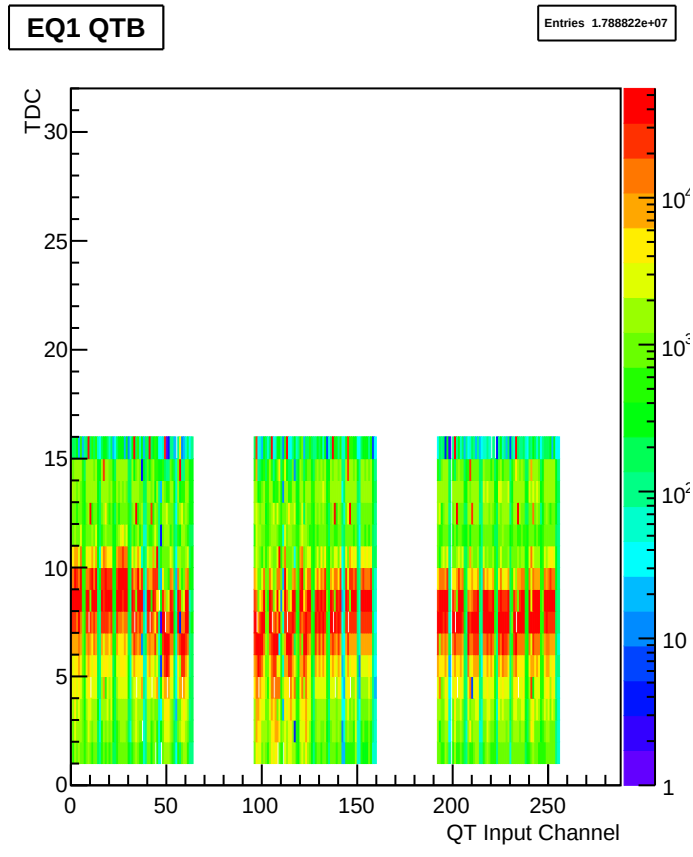

BBQ-VP001 East
Entries 3019584
ADC
QT Input Channel

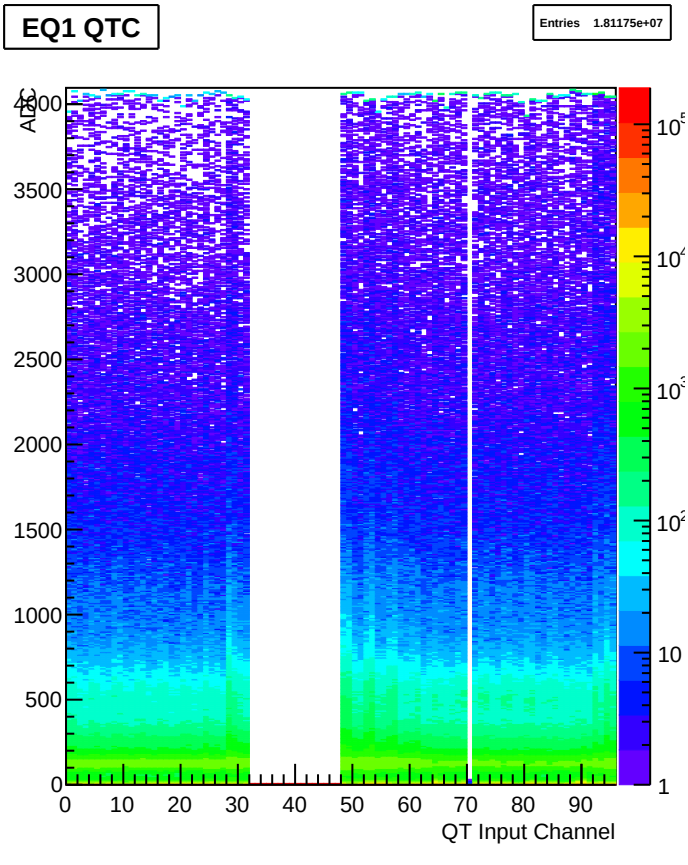

BBQ-VP001 East
Entries 3019584
ADC
QT Input Channel

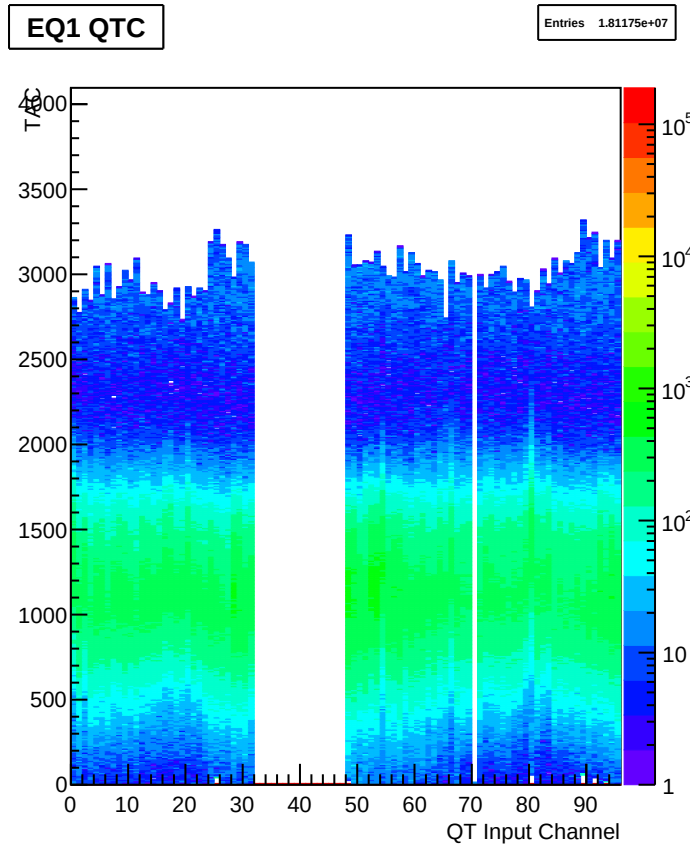

BBQ-VP002 West
Entries 3019584
ADC
QT Input Channel

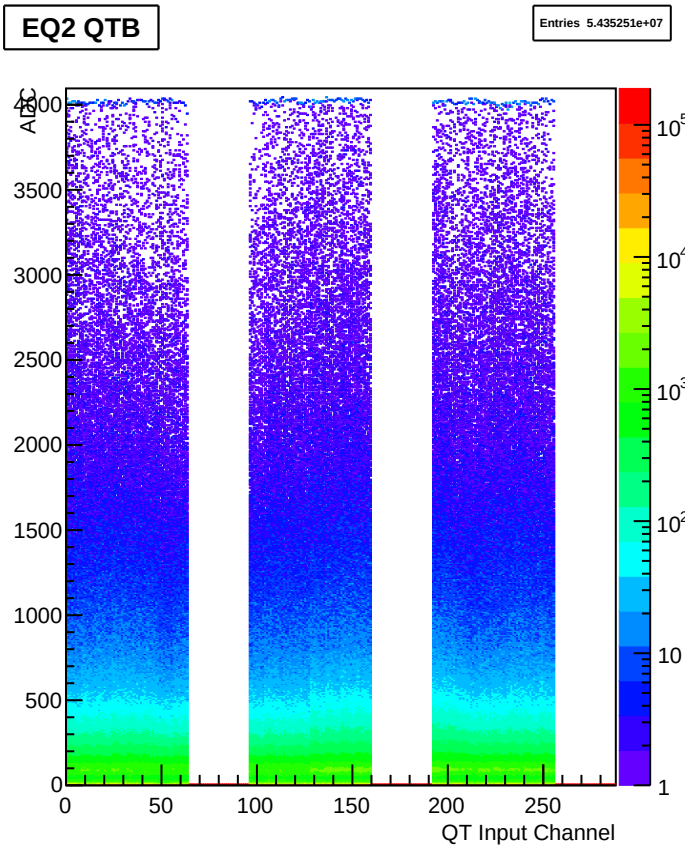

BBQ-VP002 West
Entries 3019584
ADC
QT Input Channel

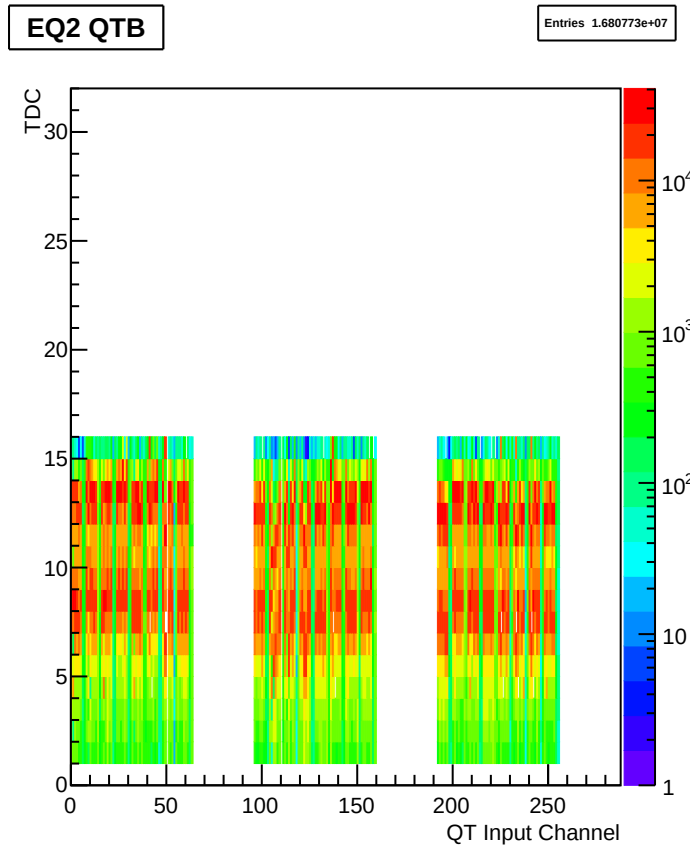

EQ1 QTB
Entries 5.435251e+07
ADC
QT Input Channel

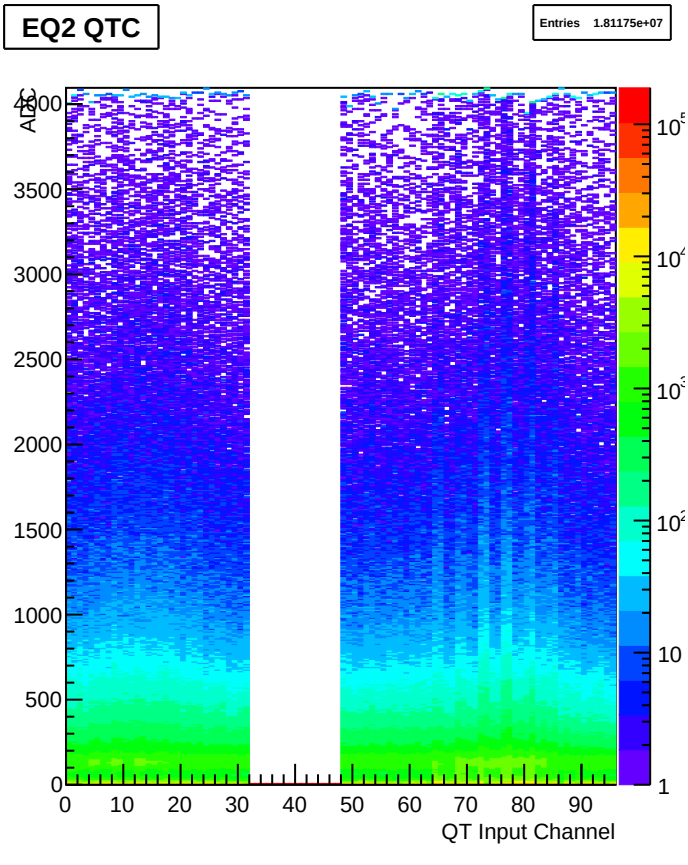

EQ1 QTB
Entries 1.788822e+07
TDC
QT Input Channel

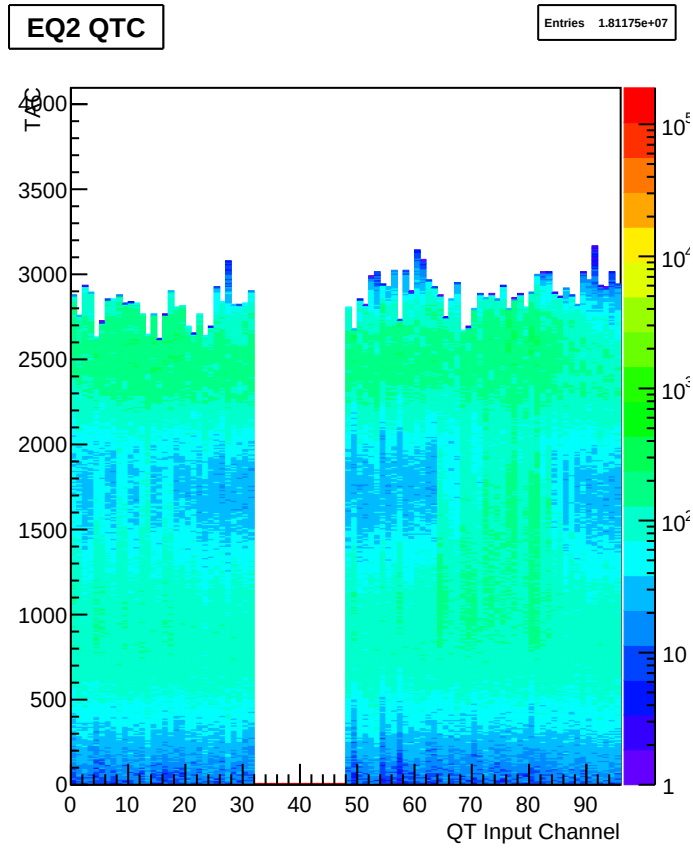

EQ1 QTC
Entries 1.81175e+07
ADC
QT Input Channel

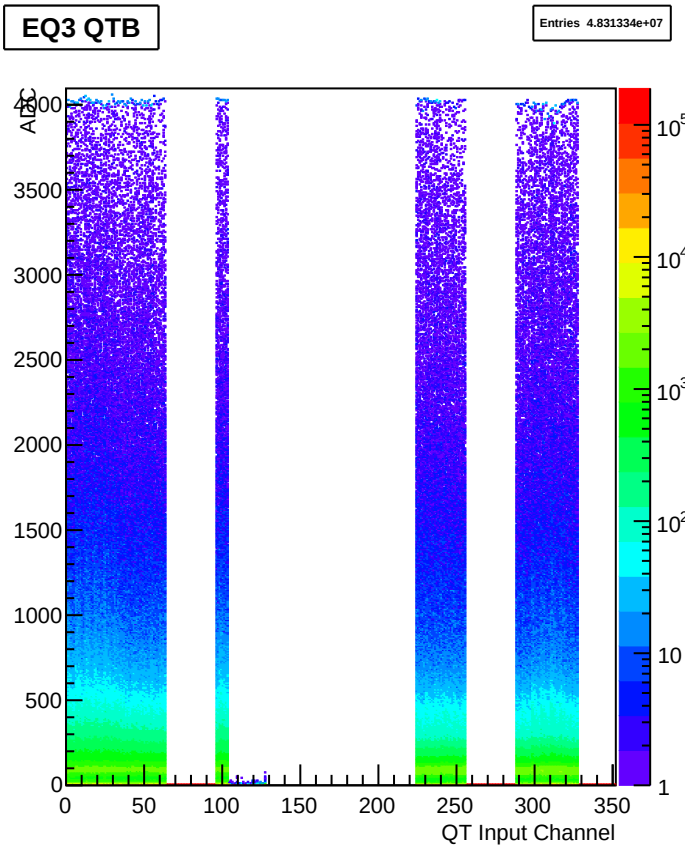

EQ1 QTC
Entries 1.81175e+07
TADC
QT Input Channel

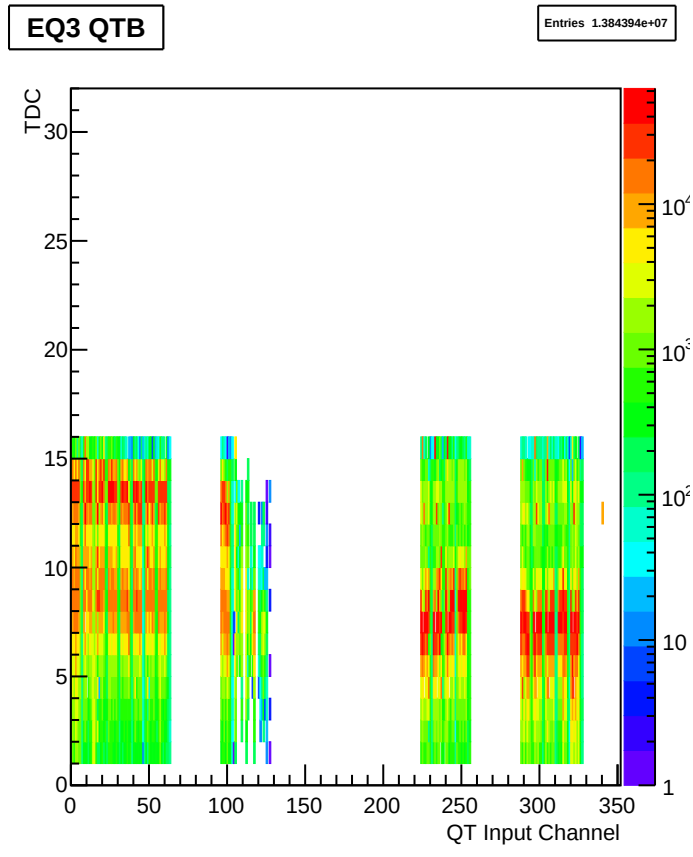

EQ2 QTB
Entries 5.435251e+07
ADC
QT Input Channel

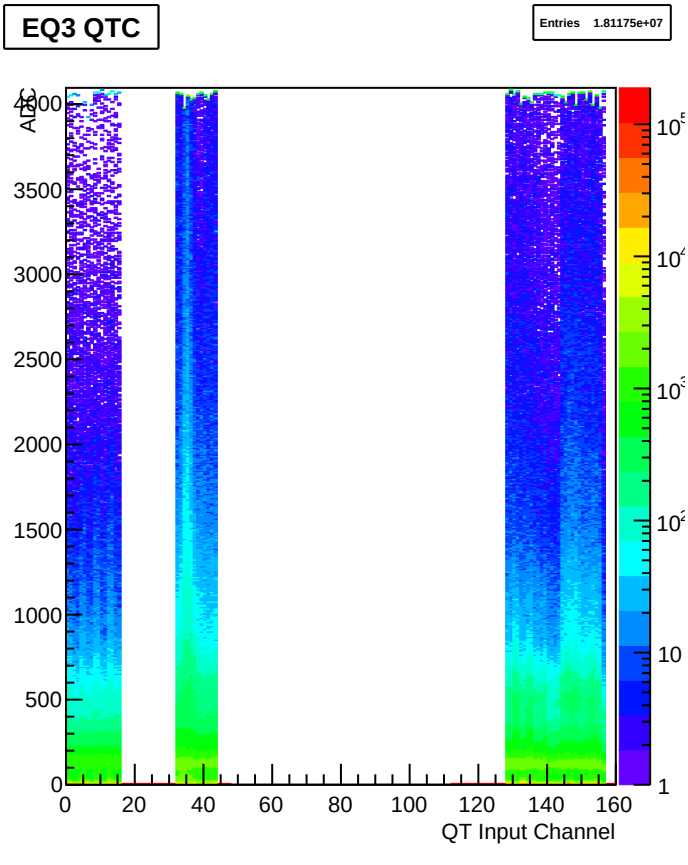

EQ2 QTB
Entries 1.680773e+07
TDC
QT Input Channel

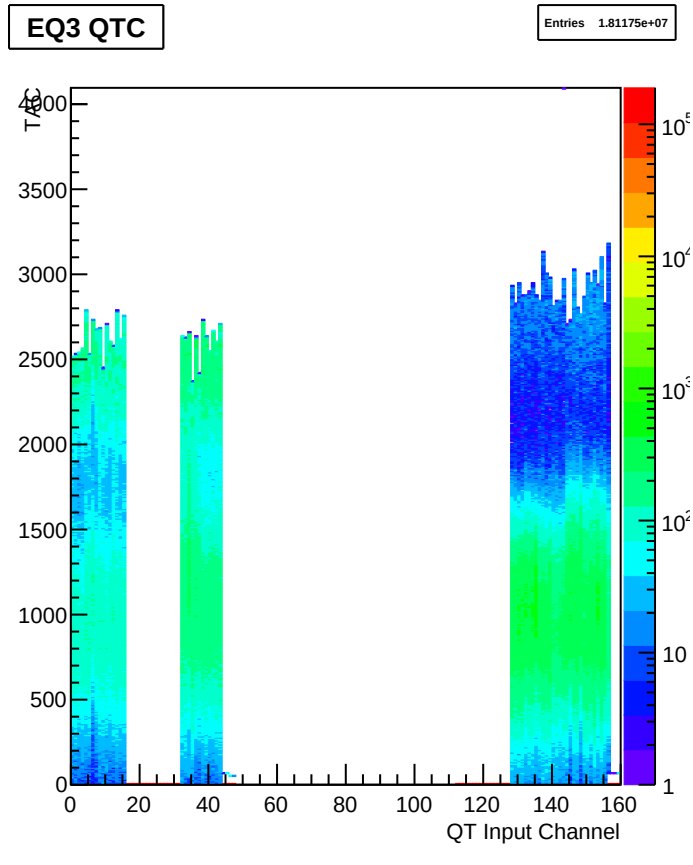

EQ2 QTC
Entries 1.81175e+07
ADC
QT Input Channel

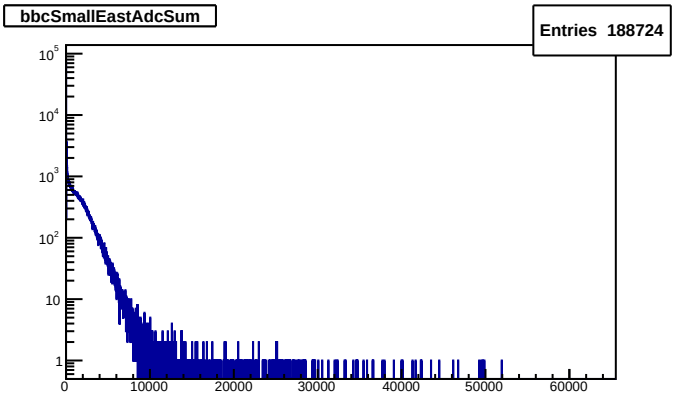

EQ2 QTC
Entries 1.81175e+07
TADC
QT Input Channel

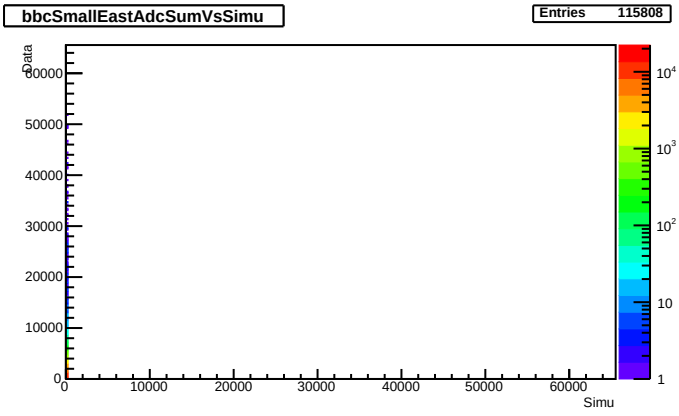

EQ3 QTB
Entries 4.831334e+07
ADC
QT Input Channel

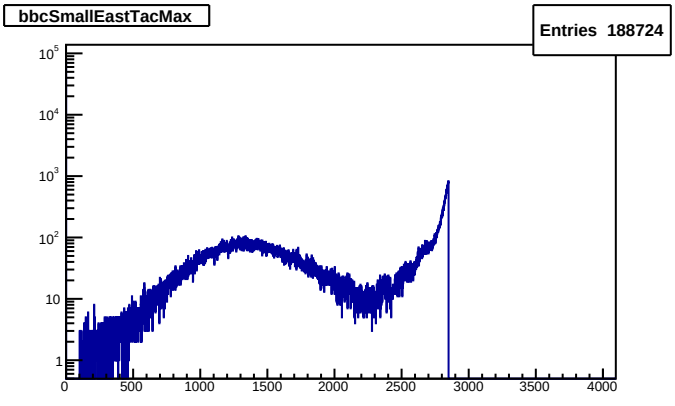

EQ3 QTB
Entries 1.384394e+07
TDC
QT Input Channel

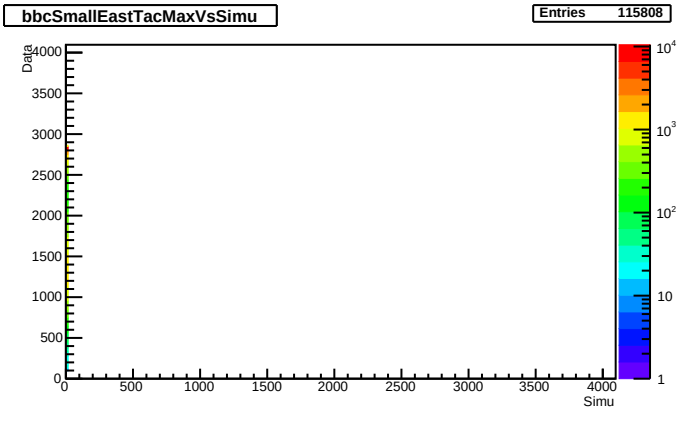

EQ3 QTC
Entries 1.81175e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.81175e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 188724


bbcSmallEastAdcSumVsSimu
Entries 115808
Data
Simu


bbcSmallEastTacMax
Entries 188724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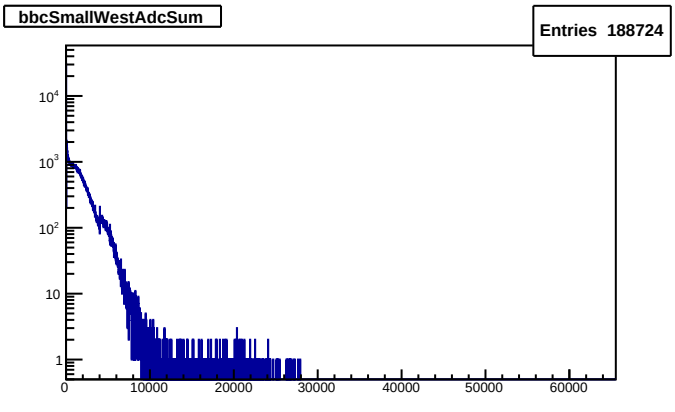
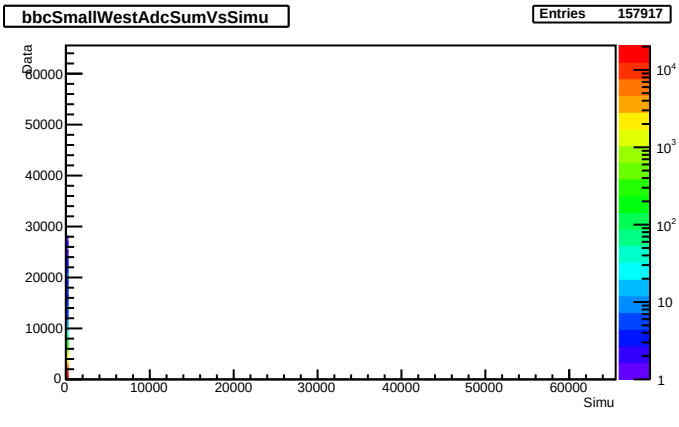
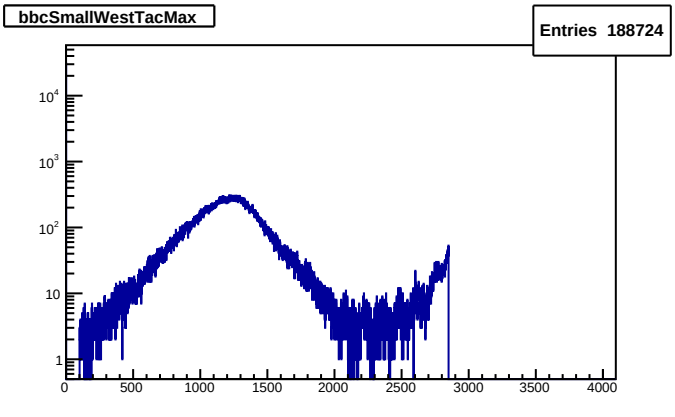
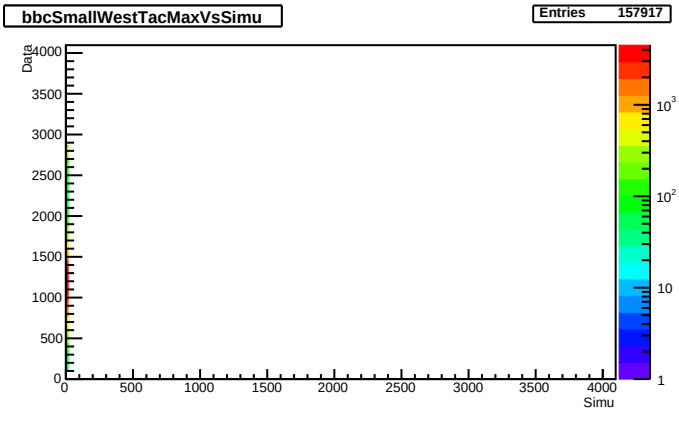
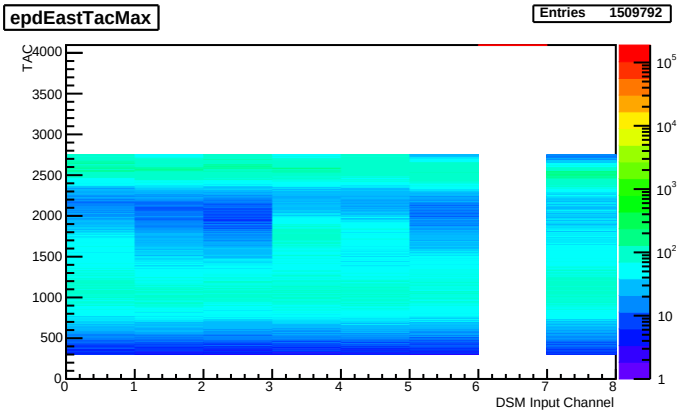
Entries 115808
Data
Simu

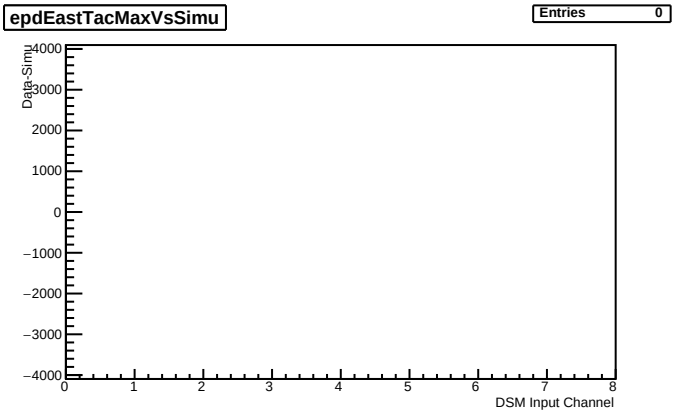

bbcSmallWestAdcSum
Entries 188724


bbcSmallWestAdcSumVsSimu
Entries 157917
Data
Simu


bbcSmallWestTacMax
Entries 188724


bbcSmallWestTacMaxVsSimu
Entries 157917
Data
Simu


epdEastTacMax
Entries 1509792
TAC
DSM Input Channel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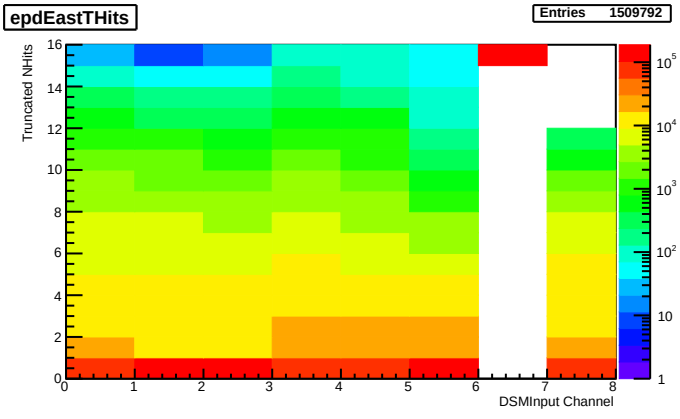
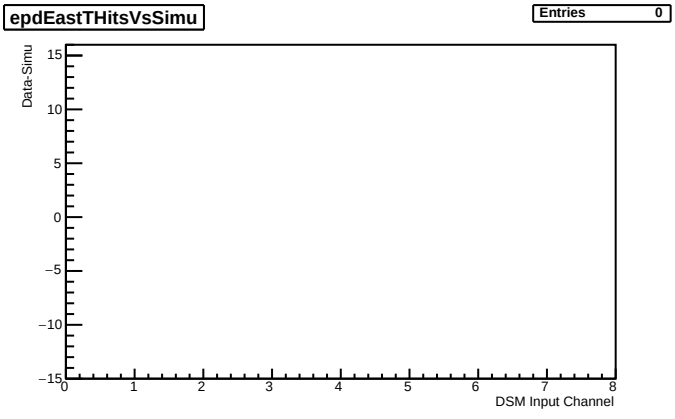
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1509792
Truncated NHits
DSMInput Channel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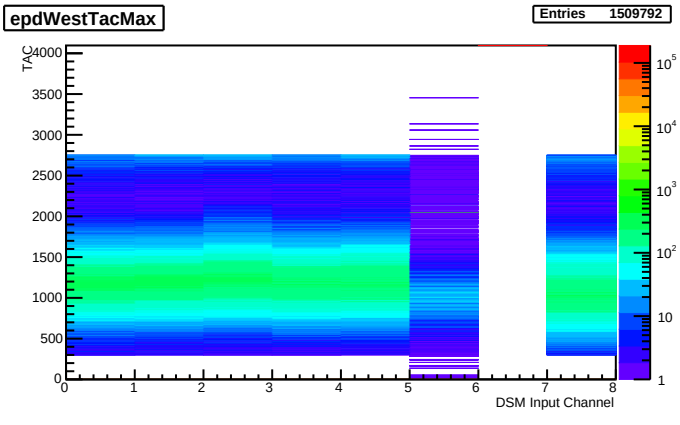
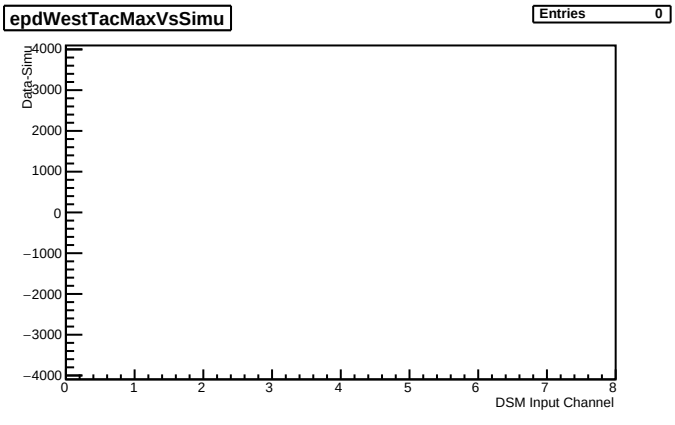
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1509792
TAC
DSM Input Channel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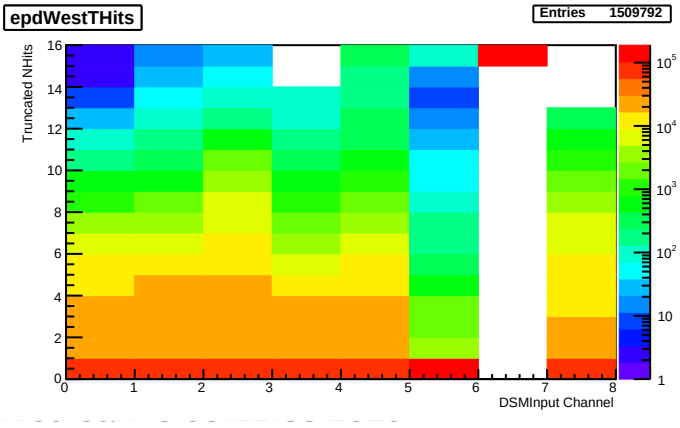
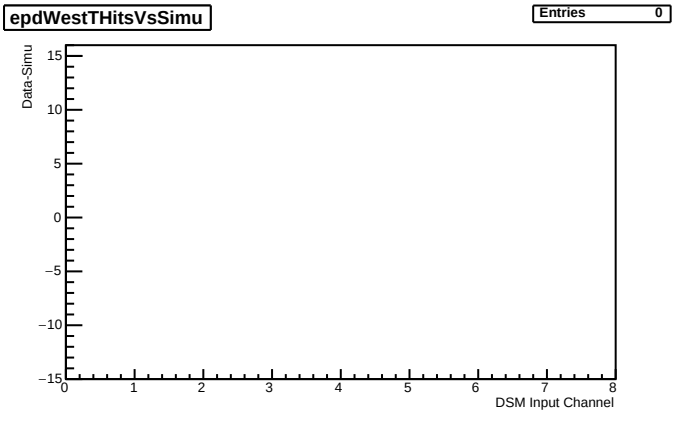
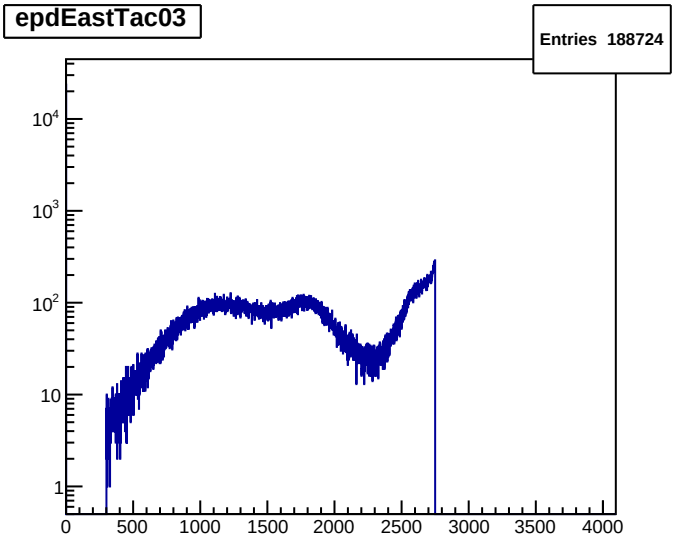
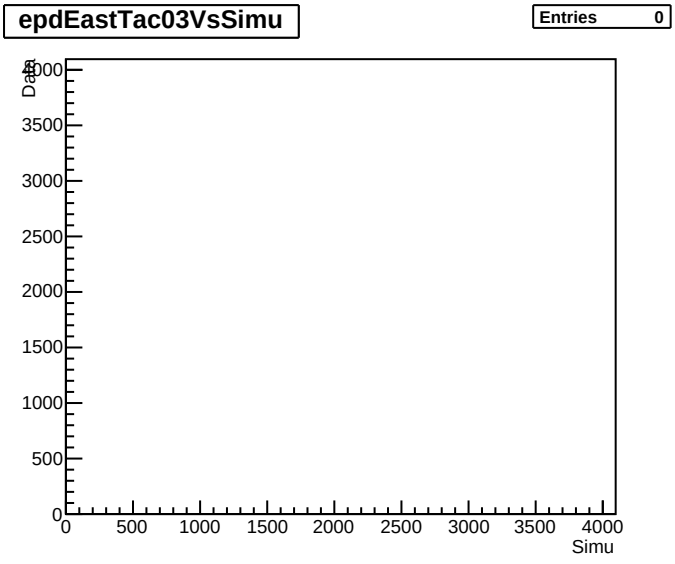
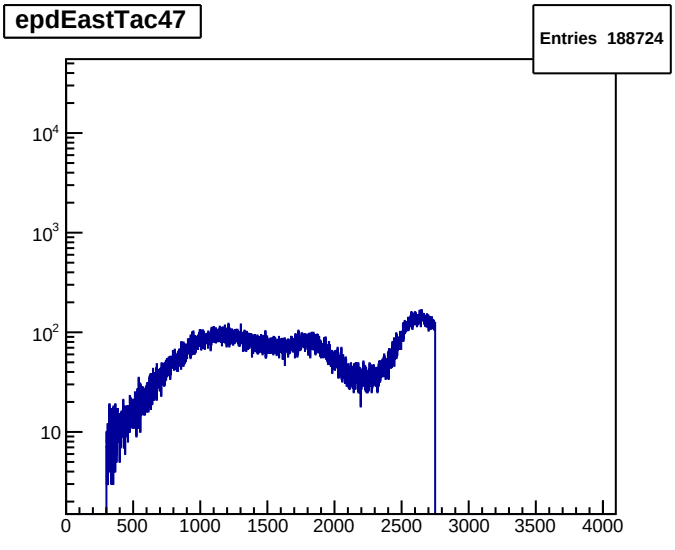
Entries 0
Data-Simu
DSM Input Channel

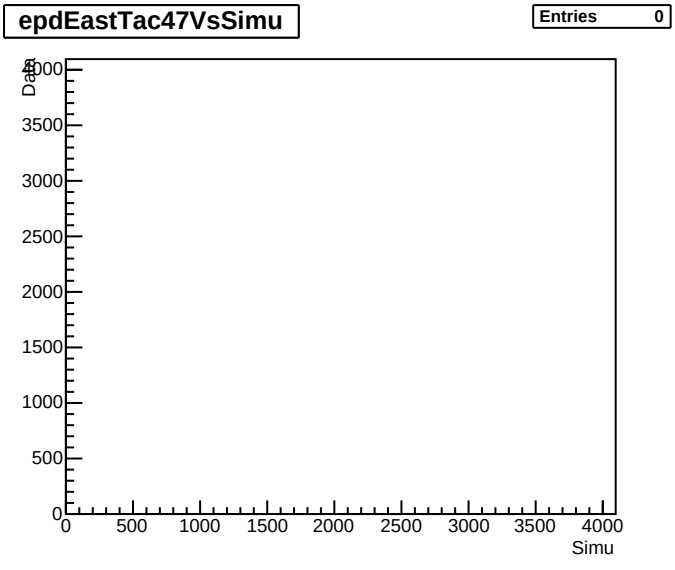

epdWestTHits
Entries 1509792
Truncated NHits
DSMInput Channel

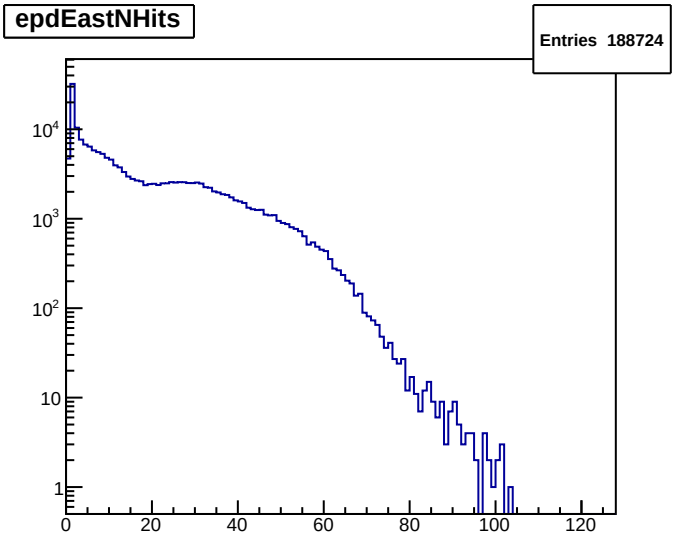

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

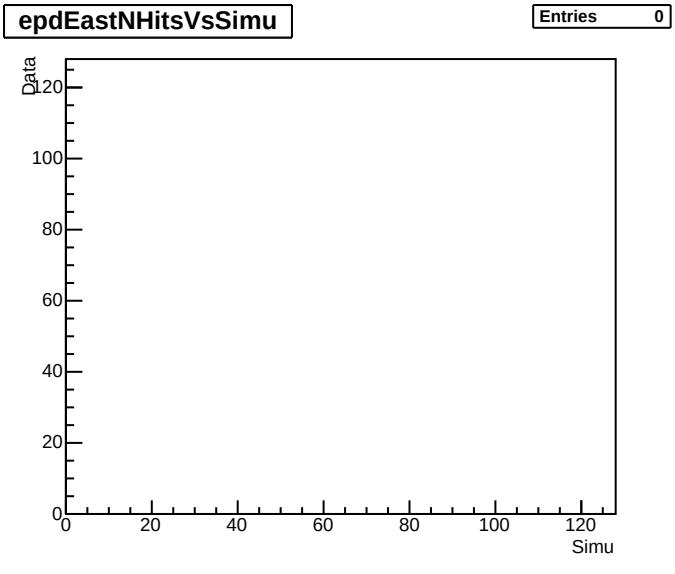

epdEastTac03
Entries 188724


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 188724


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 188724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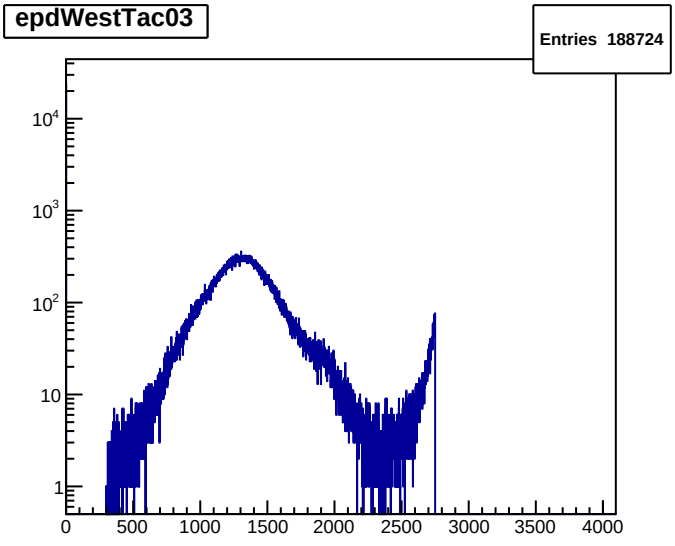
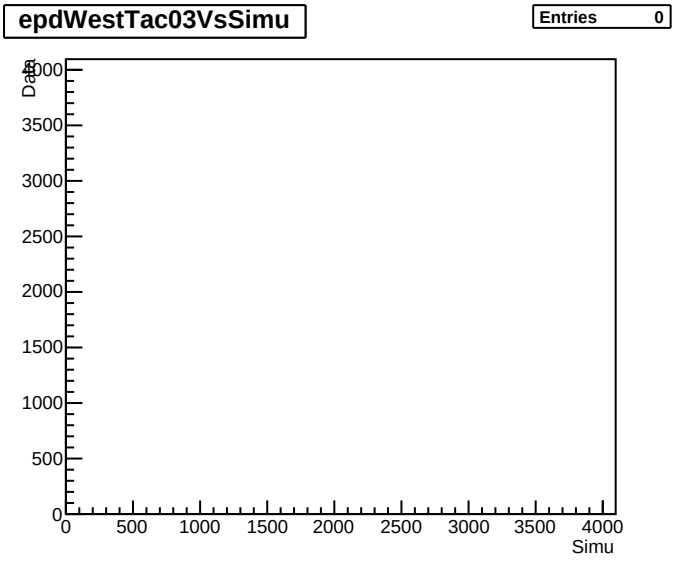
Entries 0
Data
Simu


epdWestTac03
Entries 188724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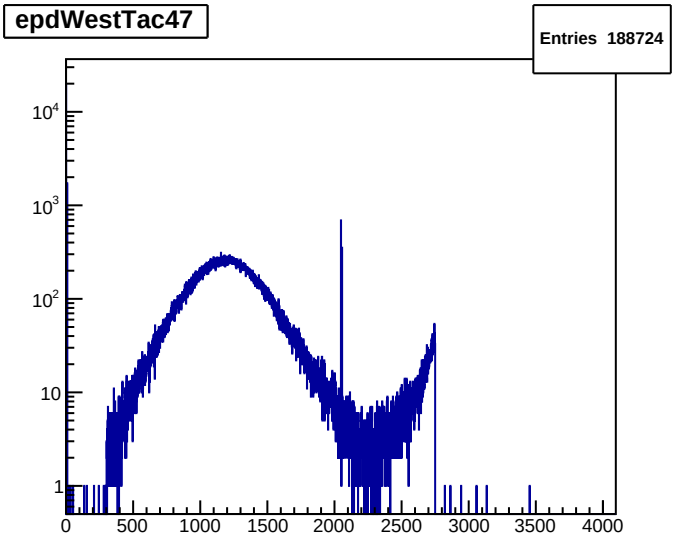
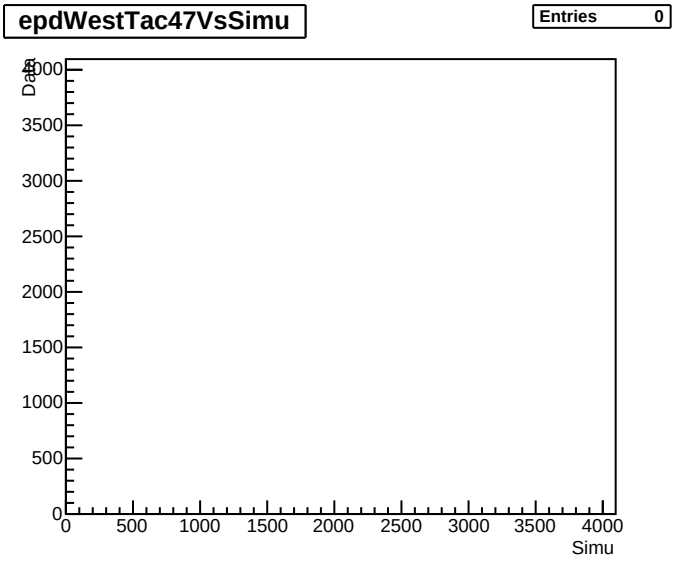
Entries 0
Data
Simu


epdWestTac47
Entries 188724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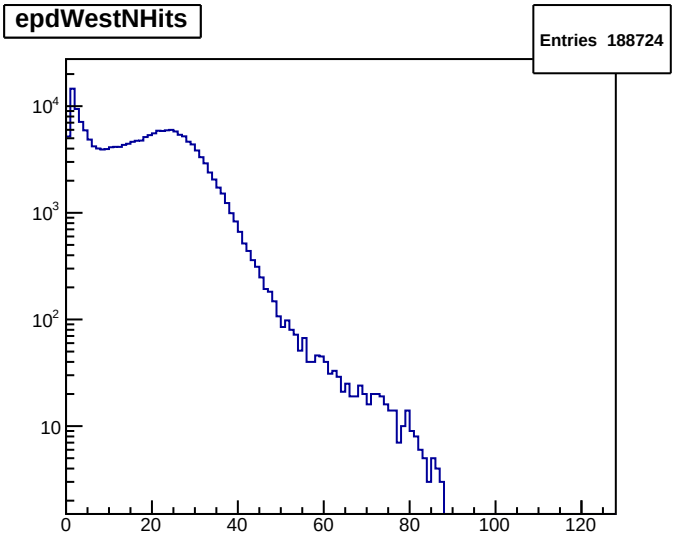
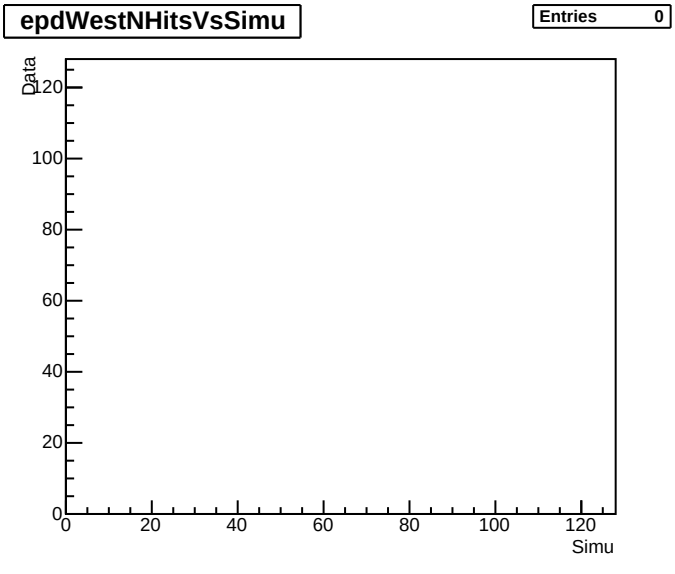
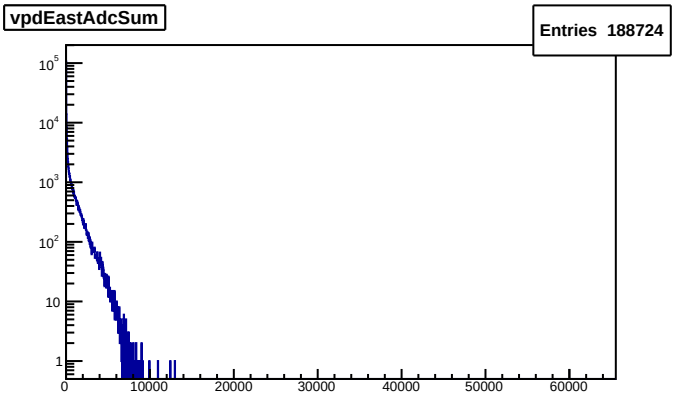
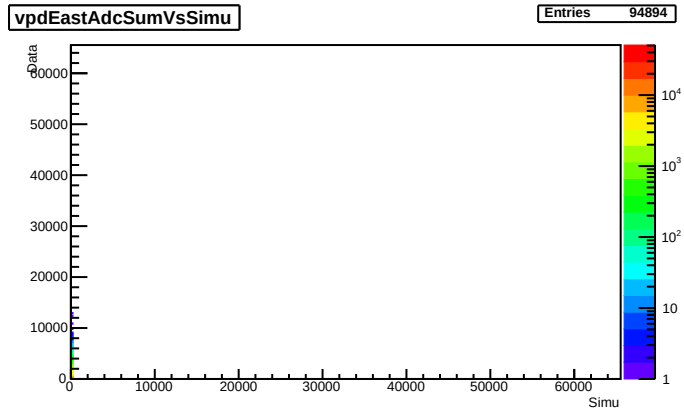
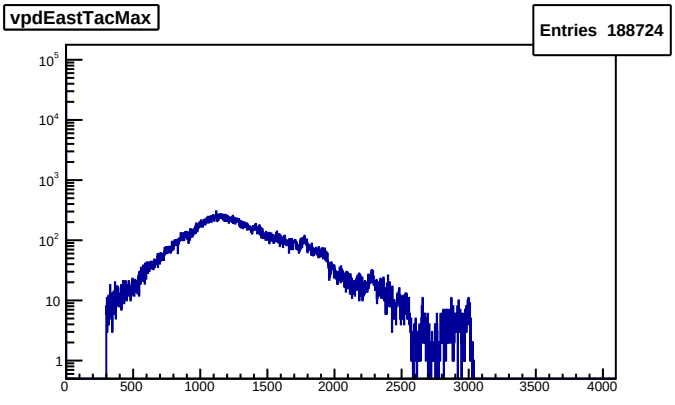
Entries 0
Data
Simu

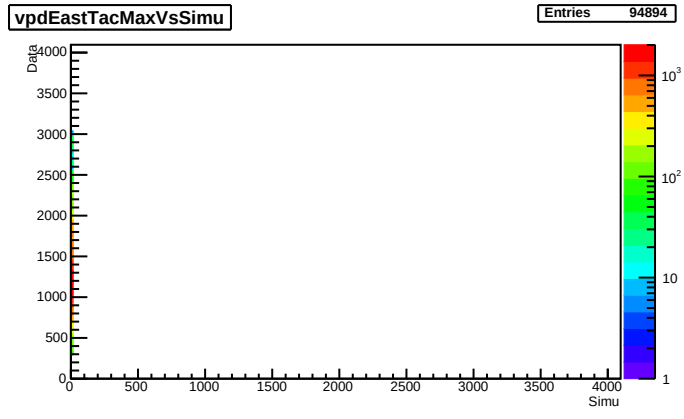

epdWestNHits
Entries 188724

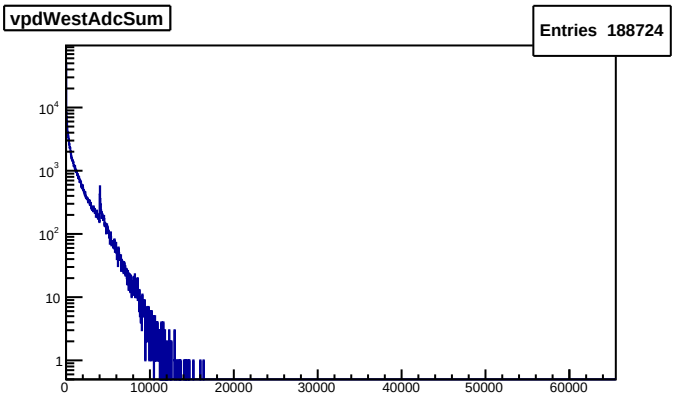

epdWestNHitsVsSimu
Entries 0
Data
Simu

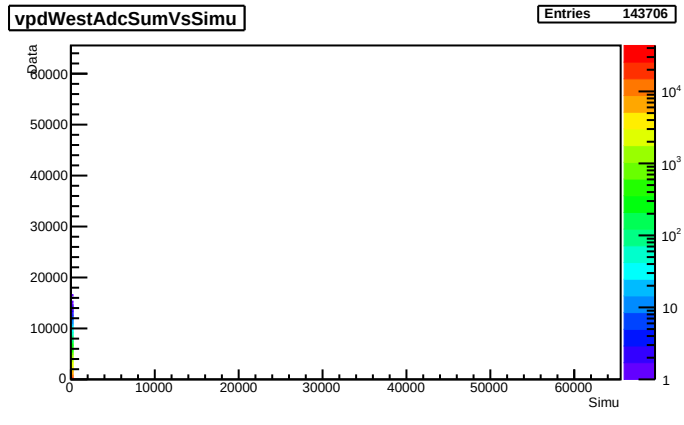

vpdEastAdcSum
Entries 188724

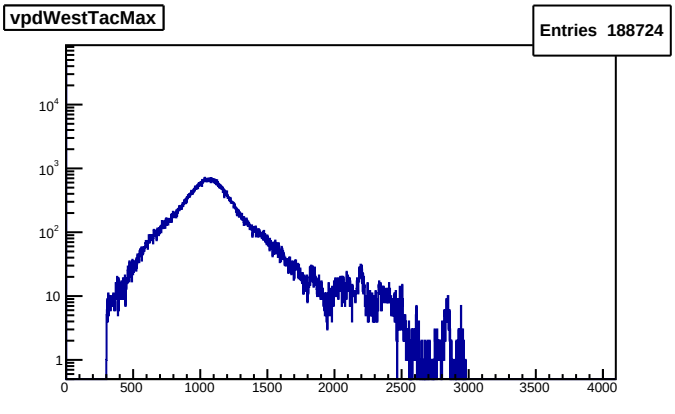

vpdEastAdcSumVsSimu
Entries 94894
Data
Simu

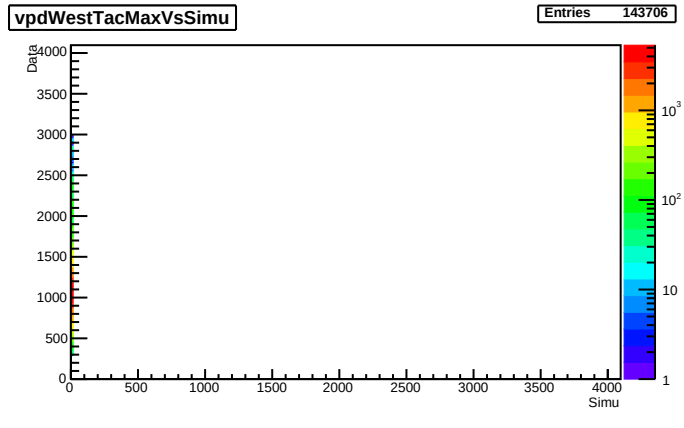

vpdEastTacMax
Entries 188724

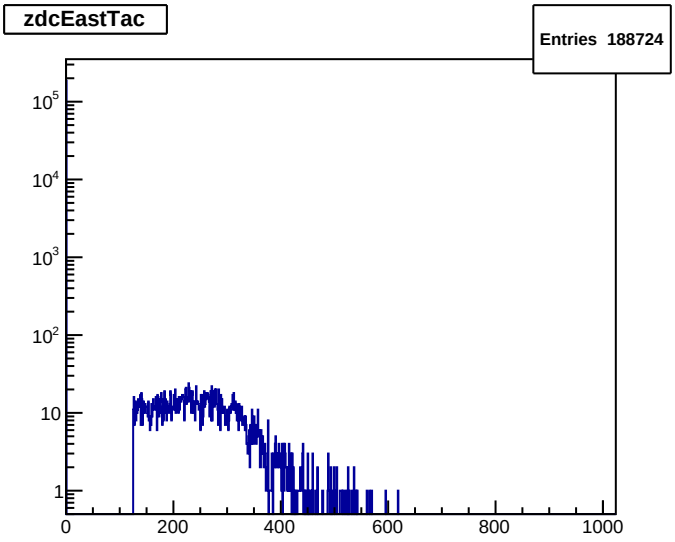

vpdEastTacMaxVsSimu
Entries 94894
Data
Simu

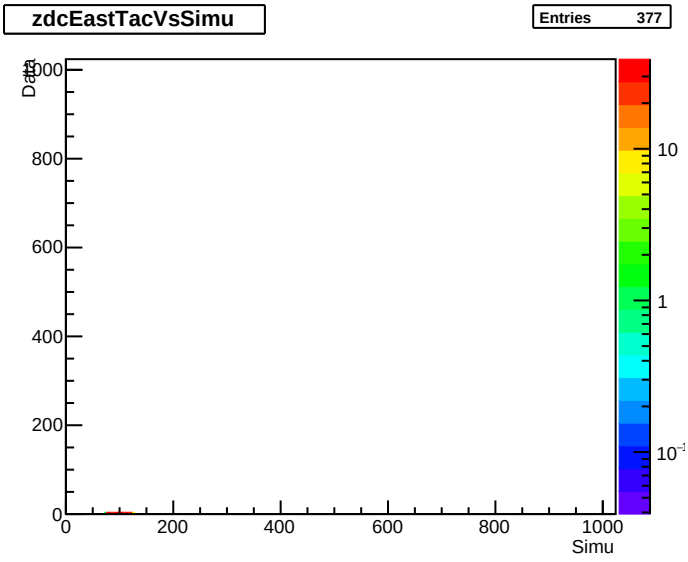

vpdWestAdcSum
Entries 188724

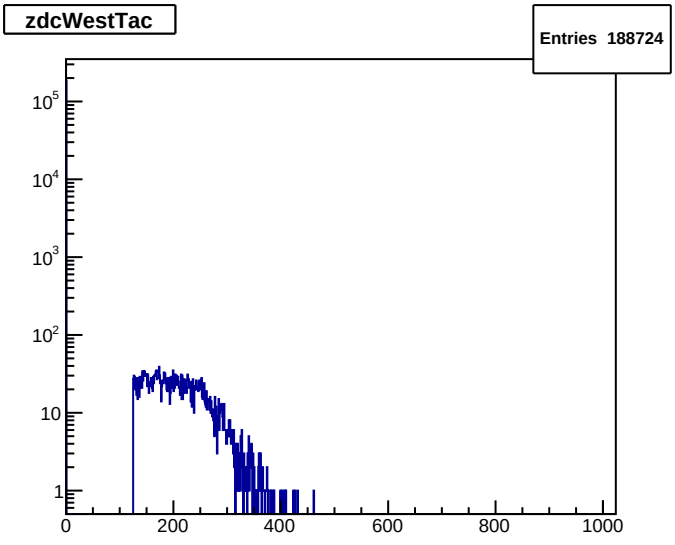

vpdWestAdcSumVsSimu
Entries 143706
Data
Simu

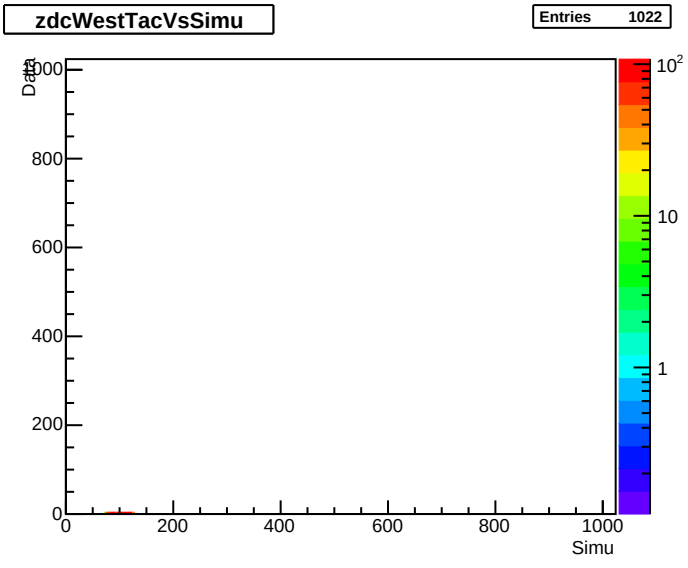

vpdWestTacMax
Entries 188724

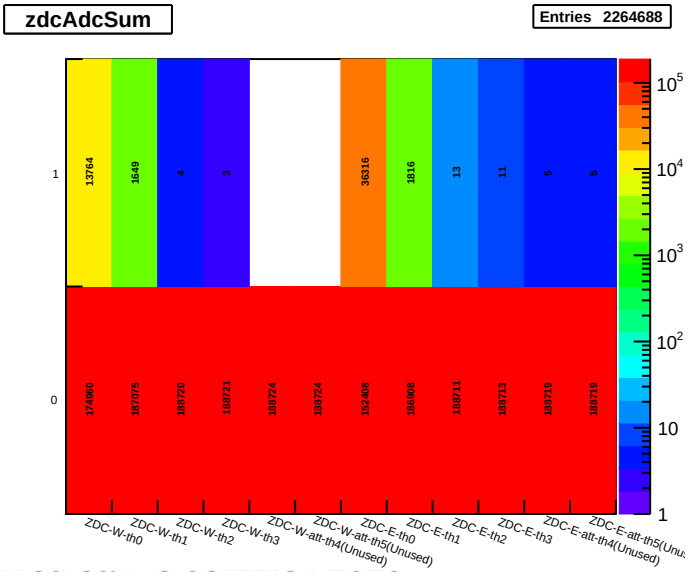

vpdWestTacMaxVsSimu
Entries 143706
Data
Simu

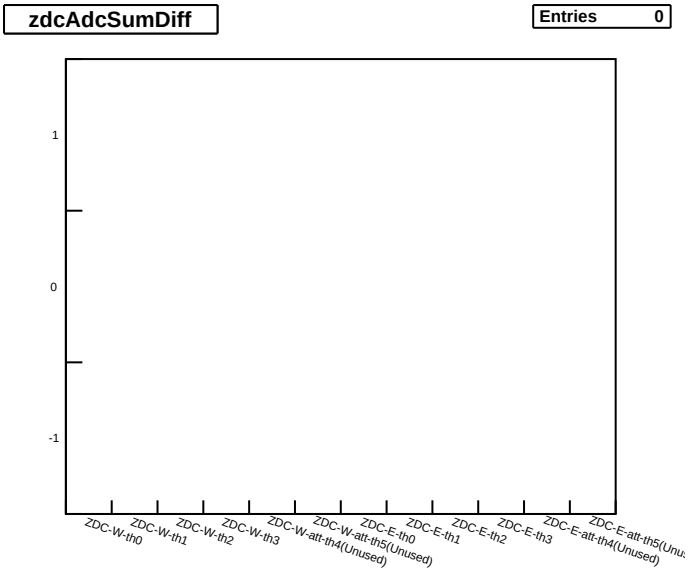

zdcEastTac
Entries 188724

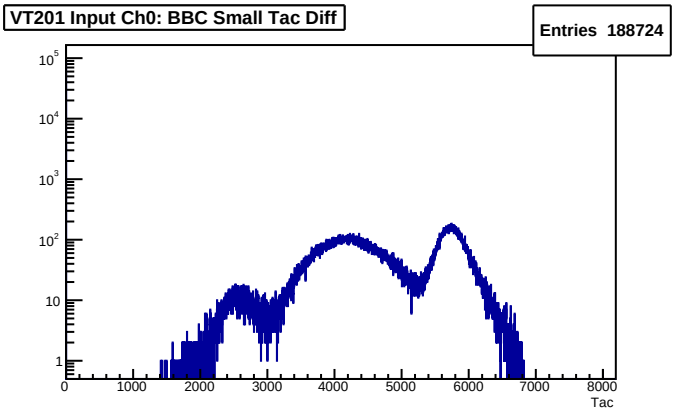

zdcEastTacVsSimu
Entries 377
Data
Simu

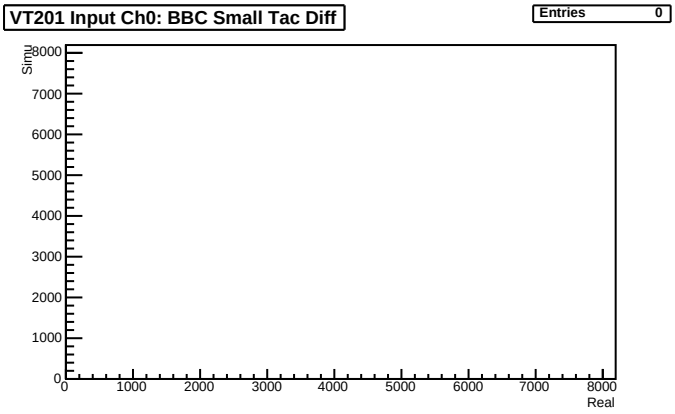

zdcWestTac
Entries 188724

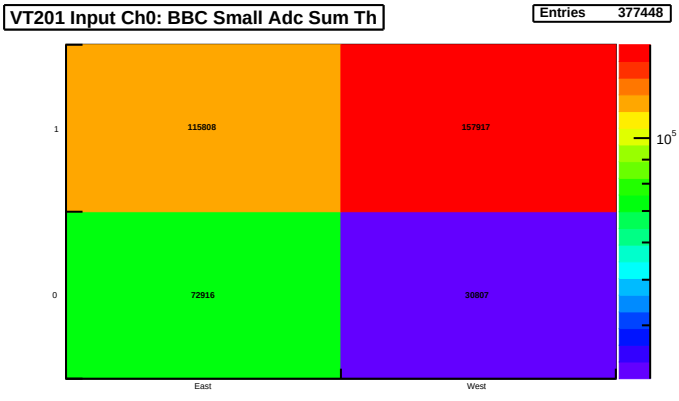

zdcWestTacVsSimu
Entries 1022
Data
Simu

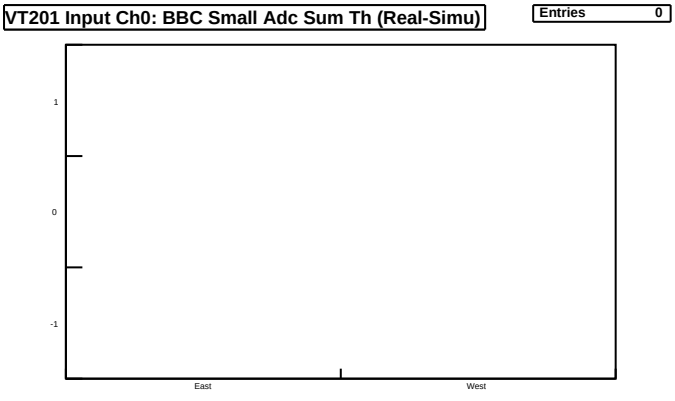

zdcAdcSum
Entries 2264688
13764
1649
4
3
36316
1816
13
11
5
5
174860
187075
188720
188721
188724
188724
152408
186908
188711
188713
188719
188719
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

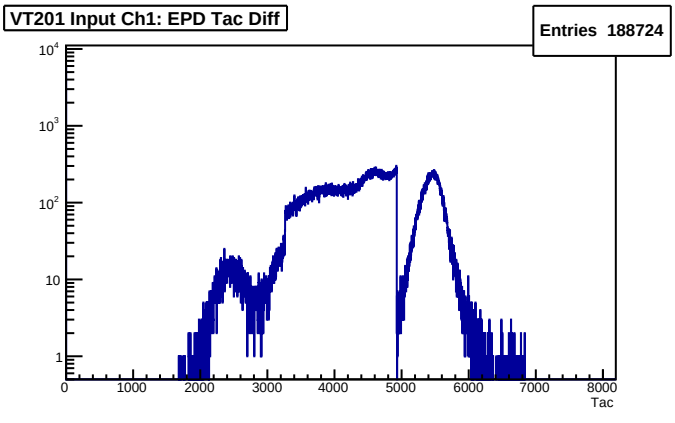

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

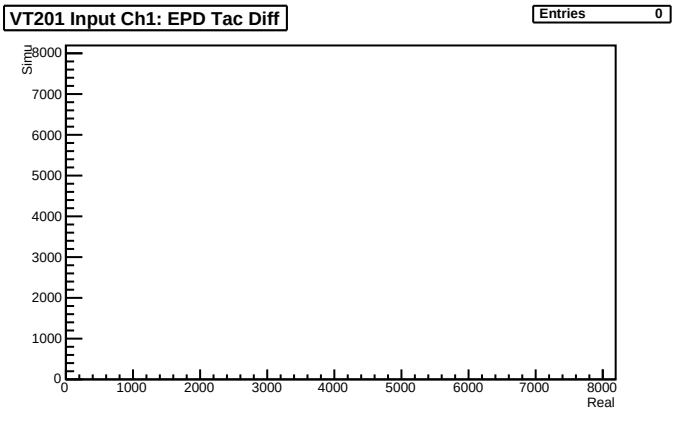

VT201 Input Ch0: BBC Small Tac Diff
Entries 188724
Tac

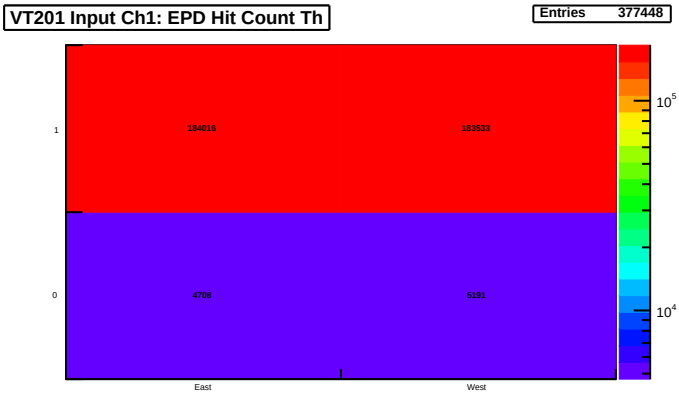

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

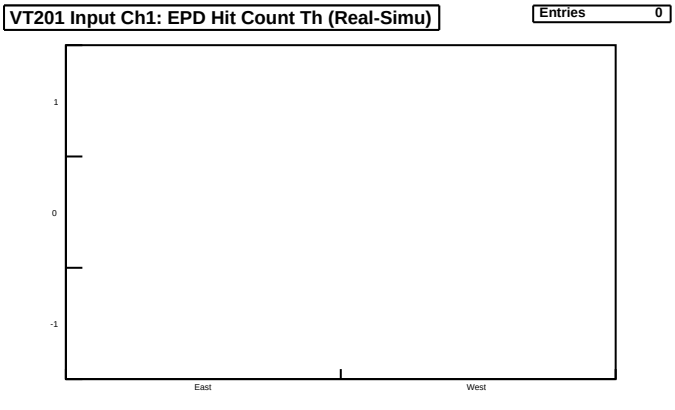

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 377448
115808
157917
72916
30807
East
West

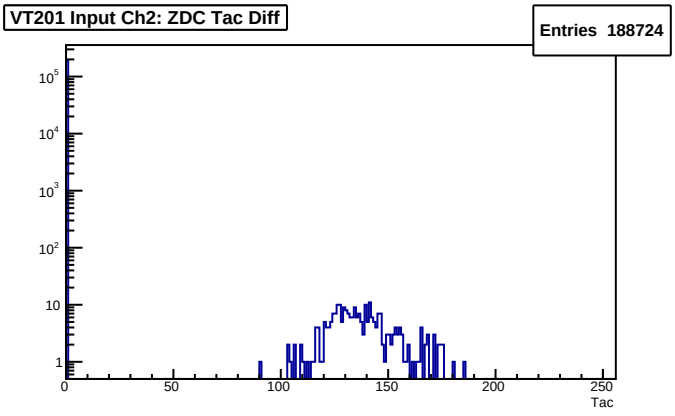

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

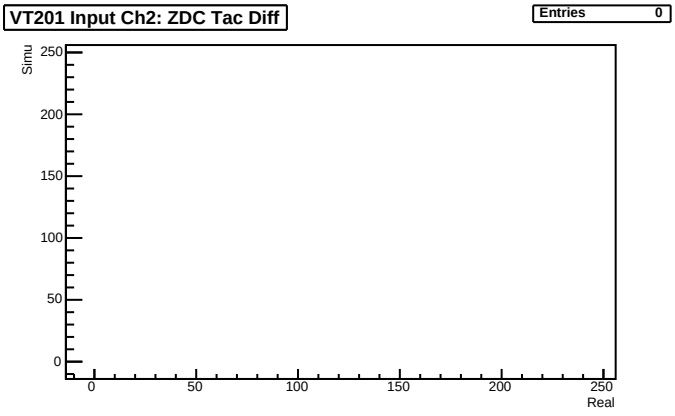

VT201 Input Ch1: EPD Tac Diff
Entries 188724
Tac

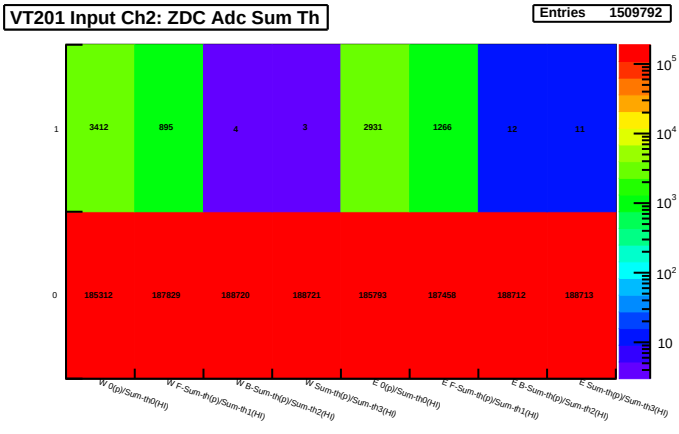

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

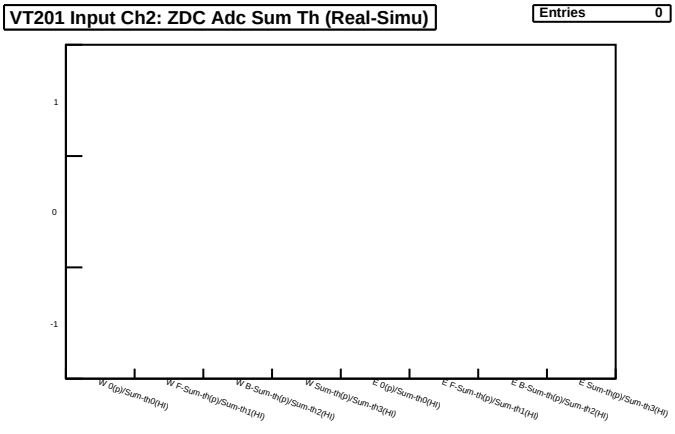

VT201 Input Ch1: EPD Hit Count Th
Entries 377448
184016
183533
4708
5191
East
West

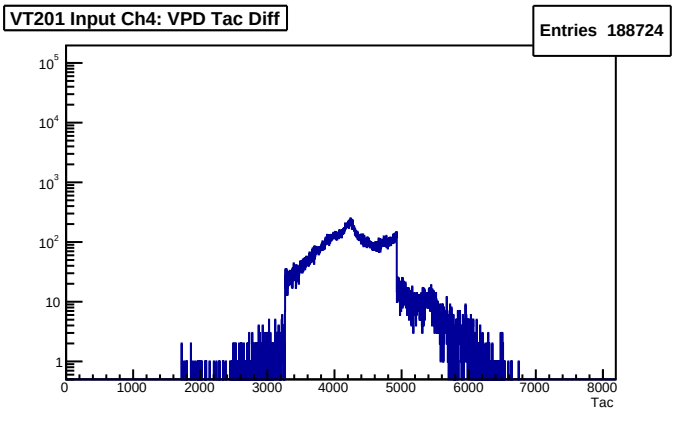

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

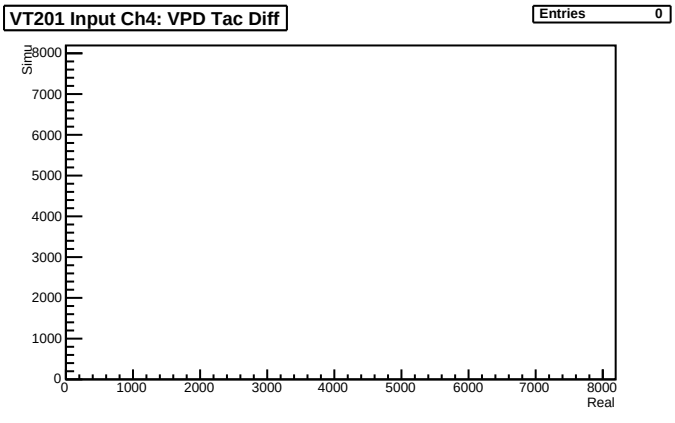

VT201 Input Ch2: ZDC Tac Diff
Entries 188724
Tac

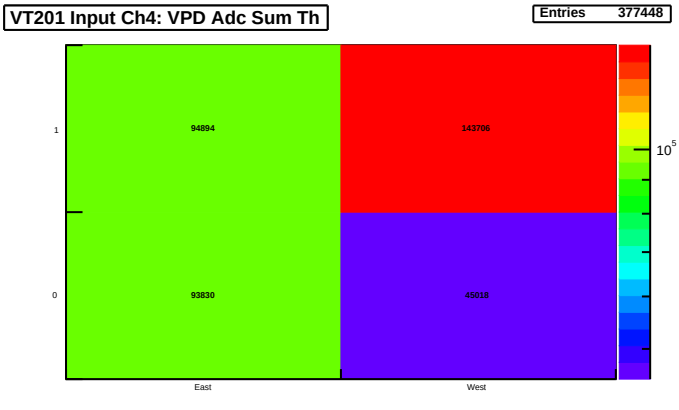

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

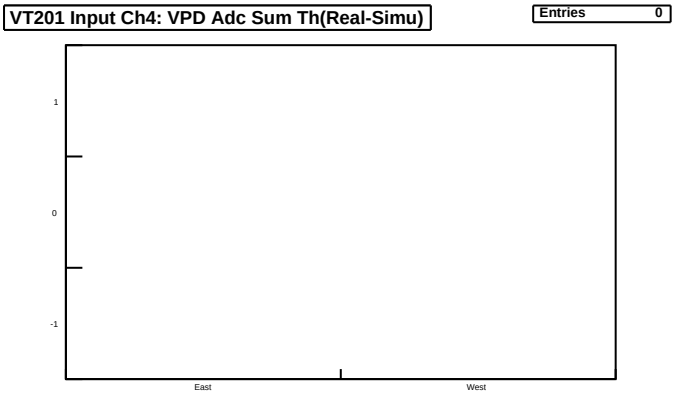

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1509792
3412
895
4
3
2931
1266
12
11
185312
187829
188720
188721
185793
187458
188712
188713
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

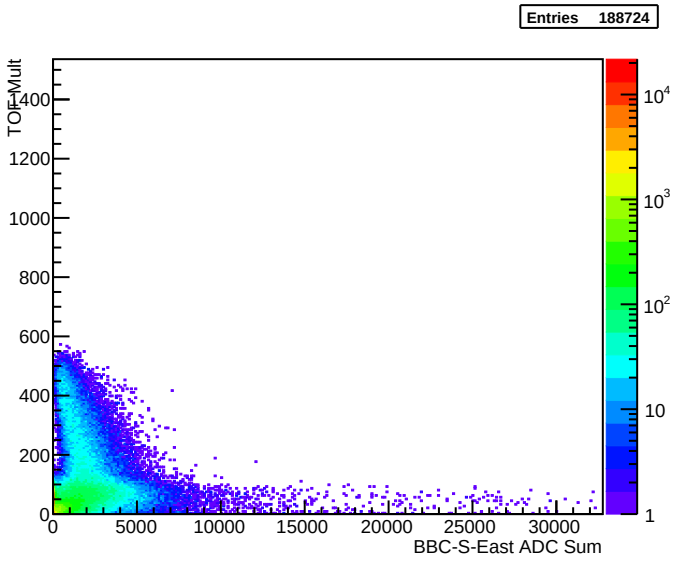

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

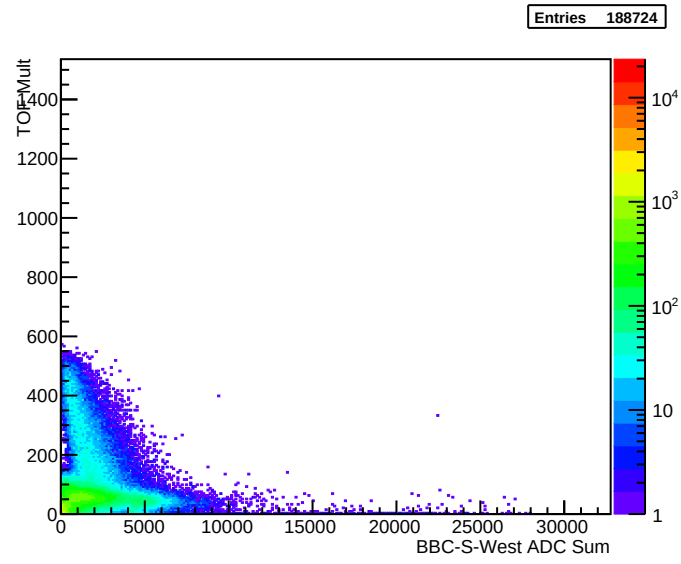

VT201 Input Ch4: VPD Tac Diff
Entries 188724
Tac

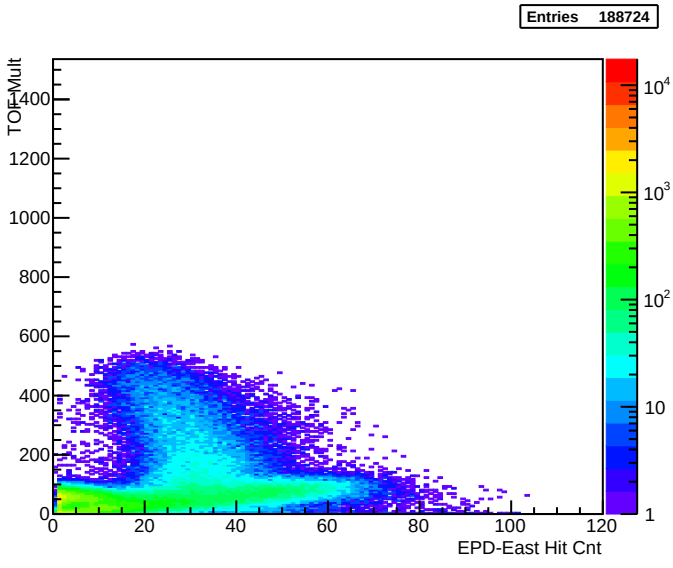

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

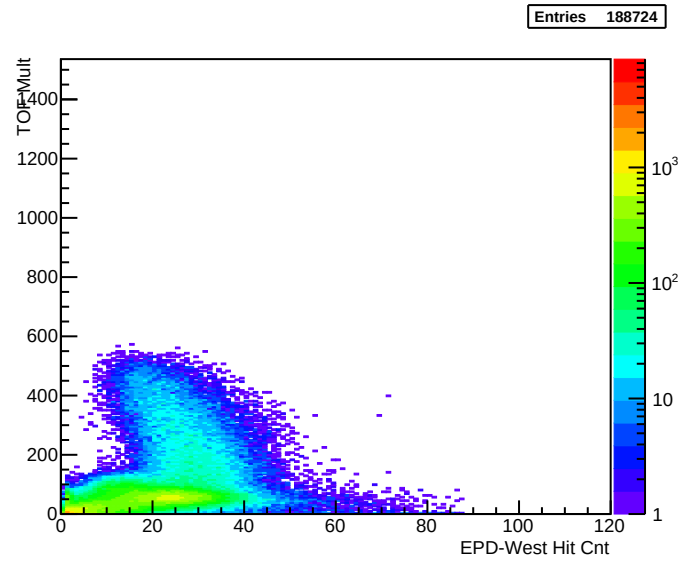

VT201 Input Ch4: VPD Adc Sum Th
Entries 377448
94894
143706
93830
45018
East
West

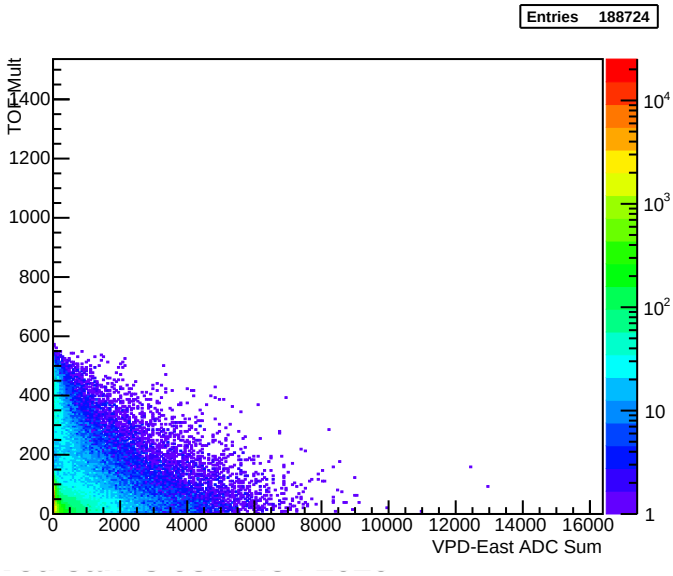

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

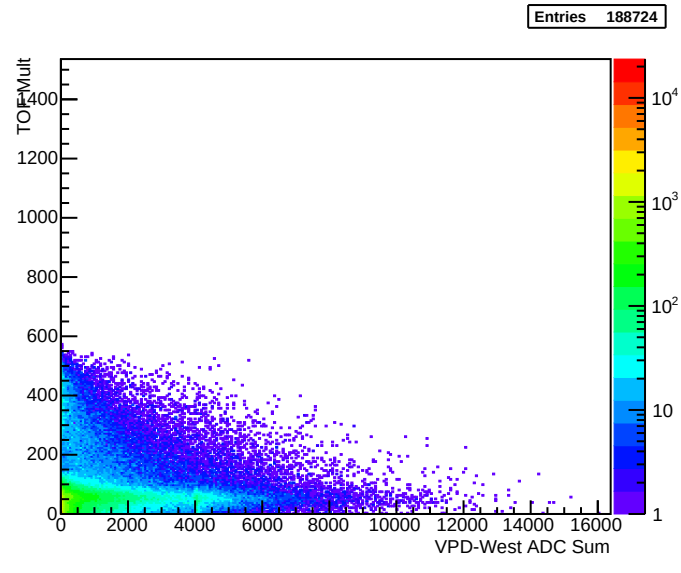

Entries 188724
TOF-Mult
BBC-S-East ADC Sum

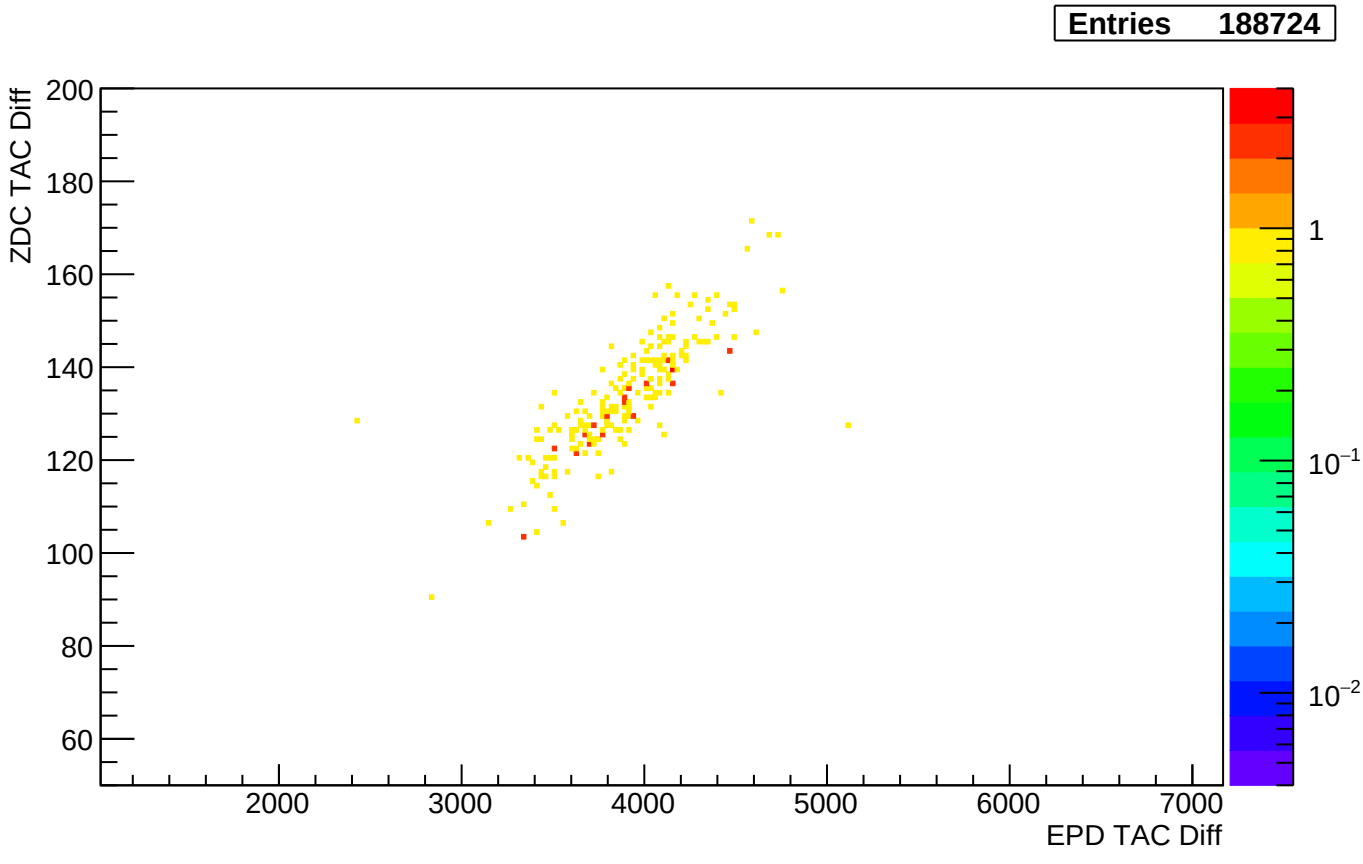

Entries 188724
TOF-Mult
BBC-S-West ADC Sum

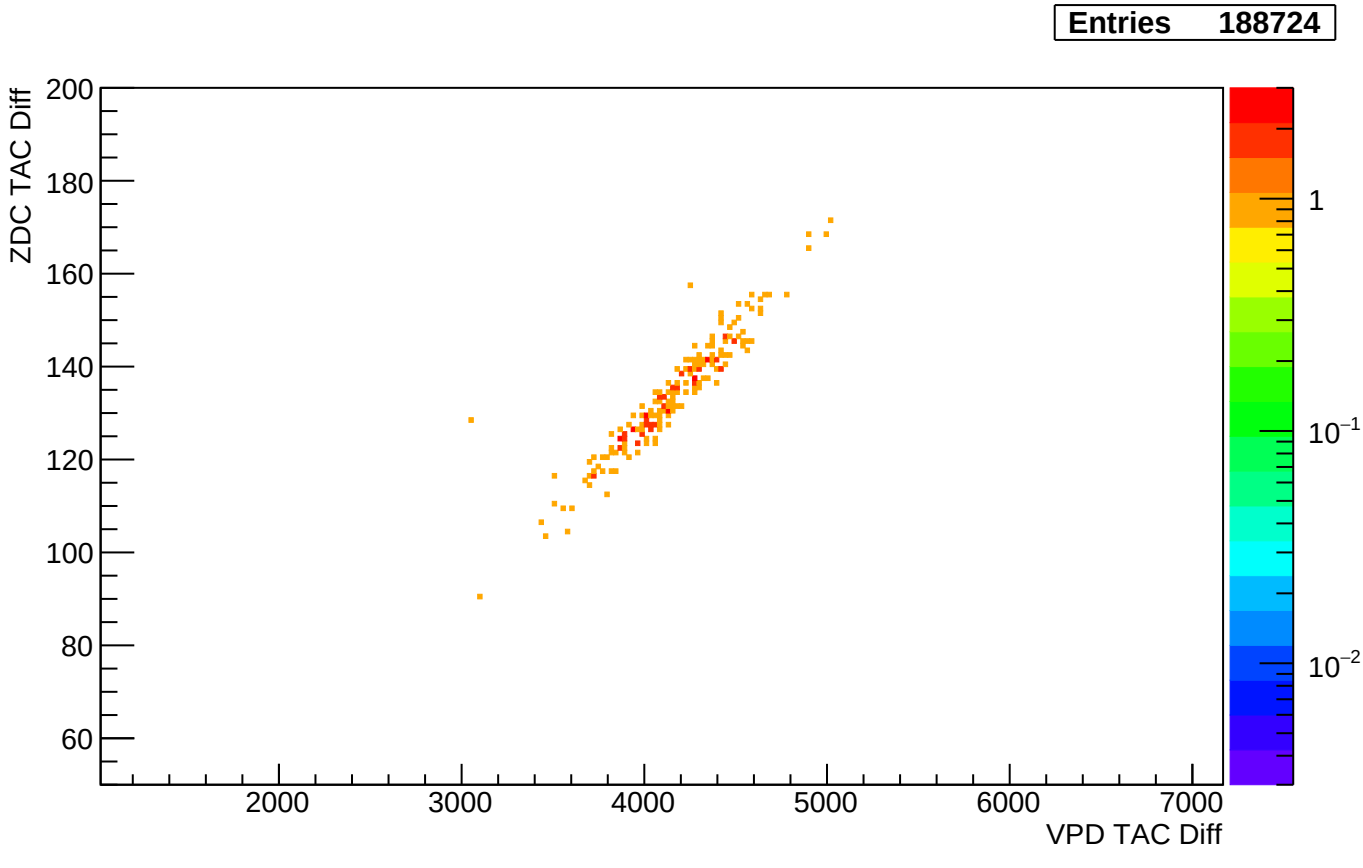

Entries 188724
TOF-Mult
EPD-East Hit Cnt

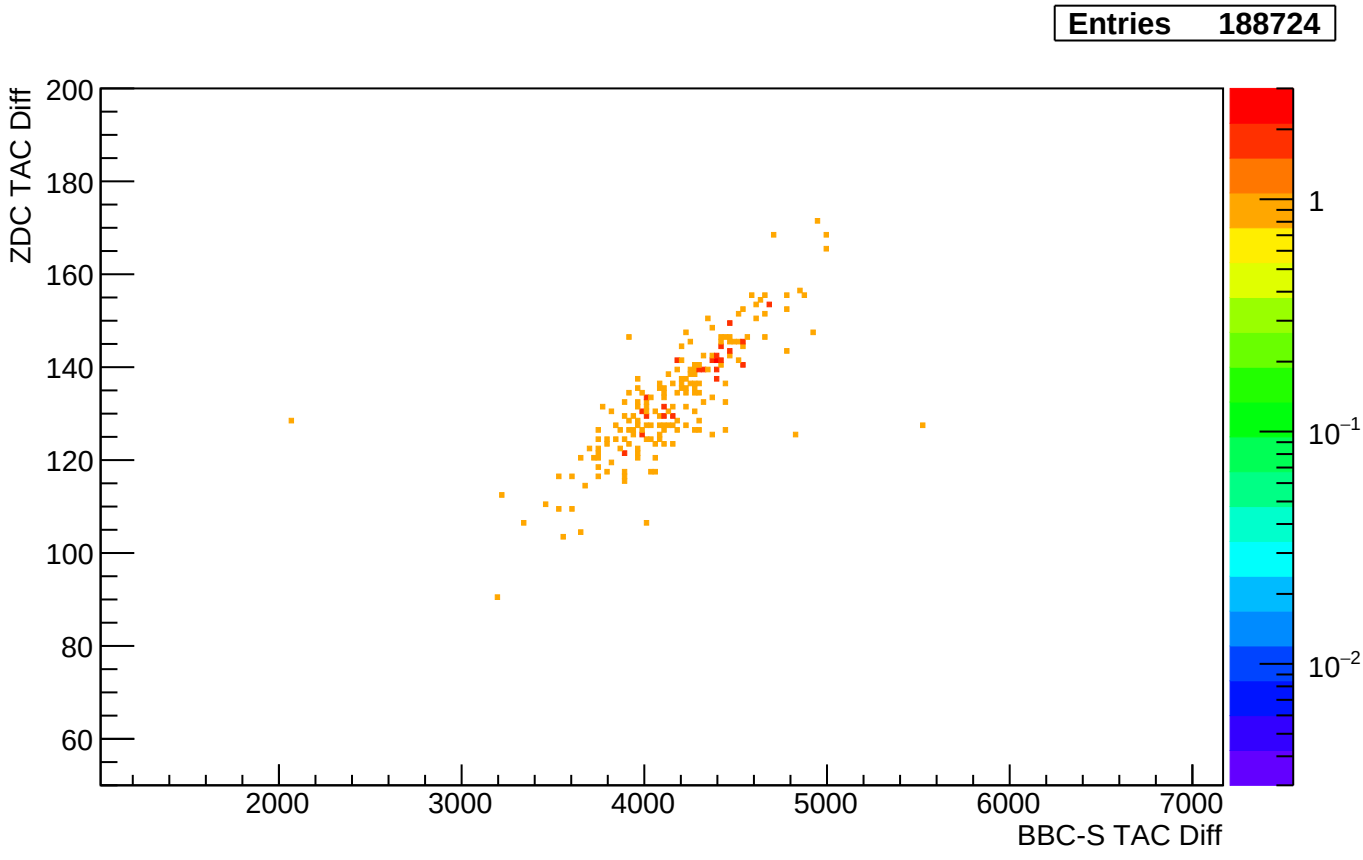

Entries 188724
TOF-Mult
EPD-West Hit Cnt

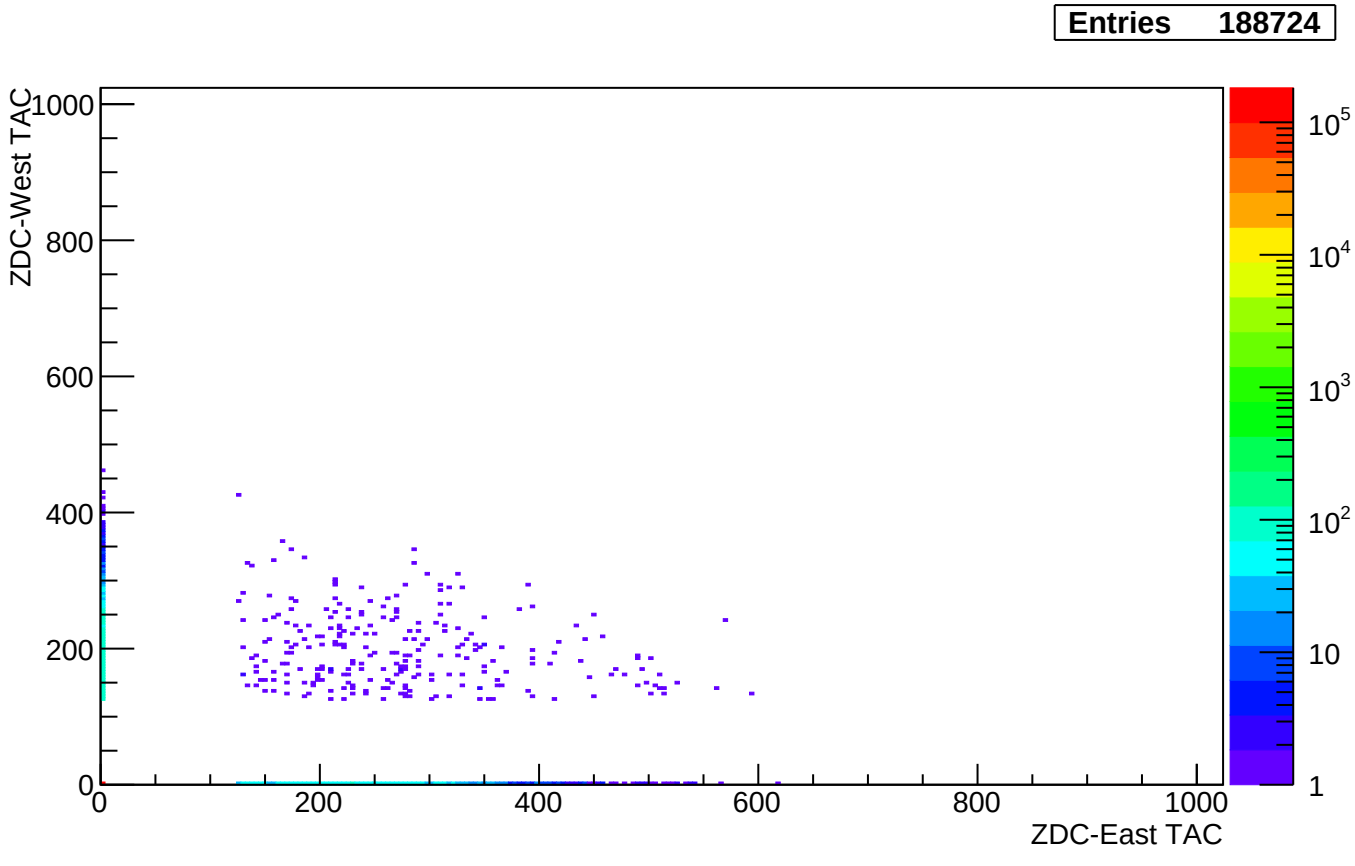

Entries 188724
TOF-Mult
VPD-East ADC Sum

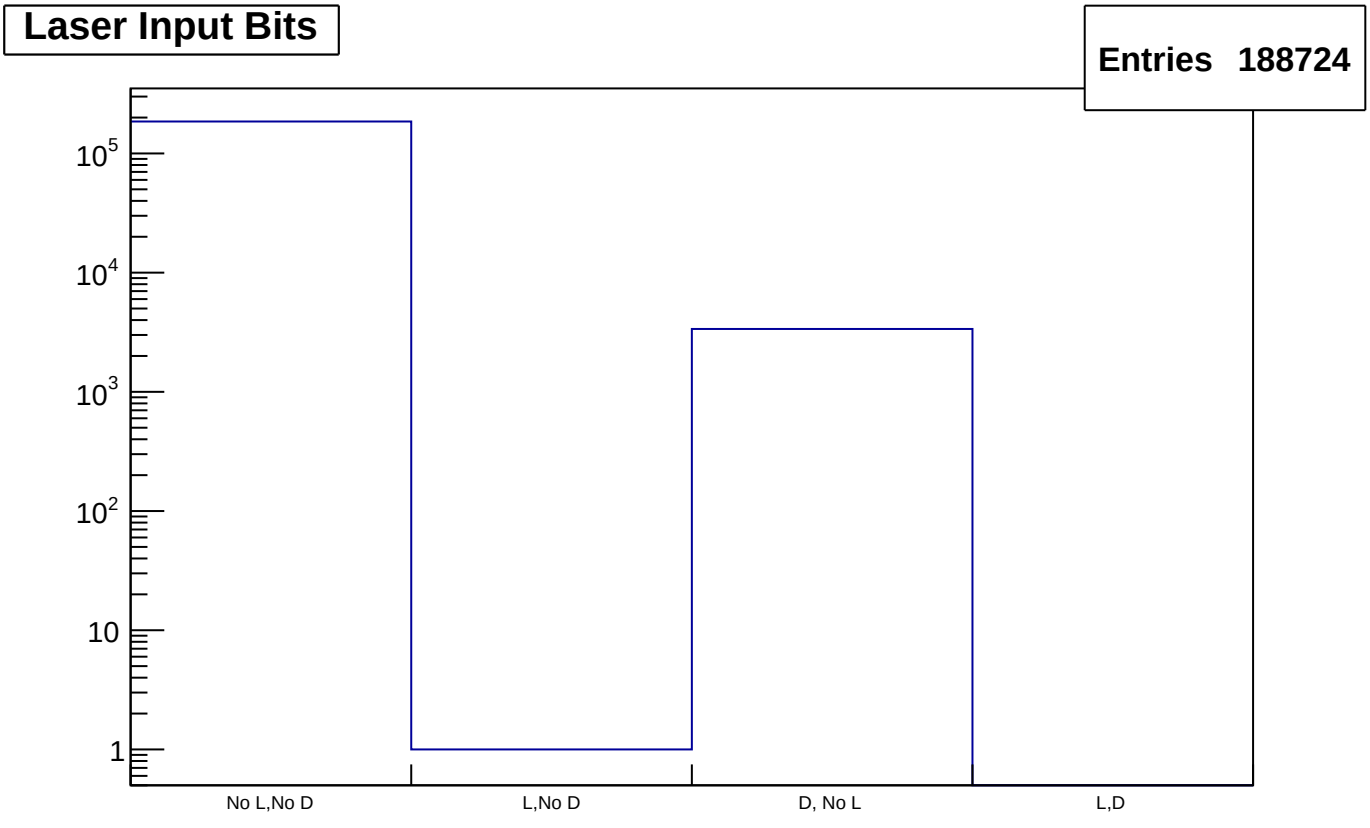

Entries 188724
TOF-Mult
VPD-West ADC Sum

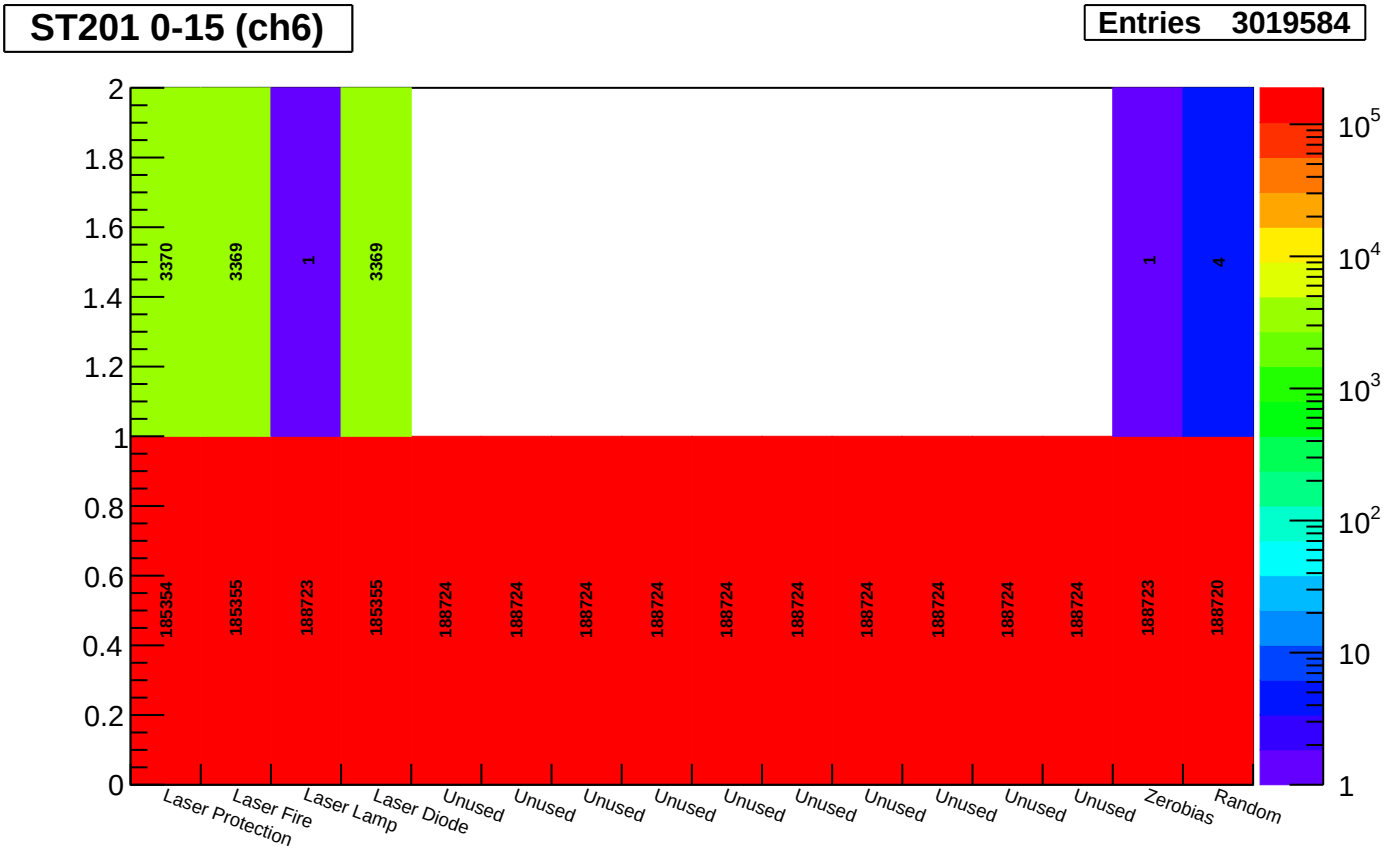

Entries 188724
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

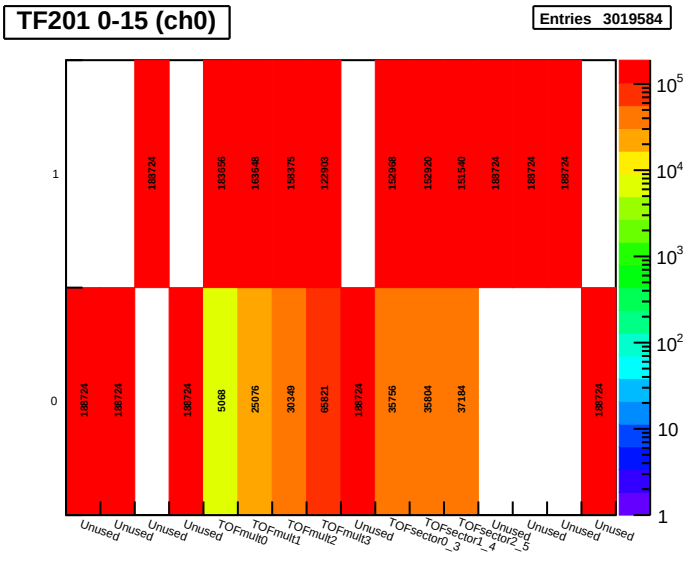

Entries 188724
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

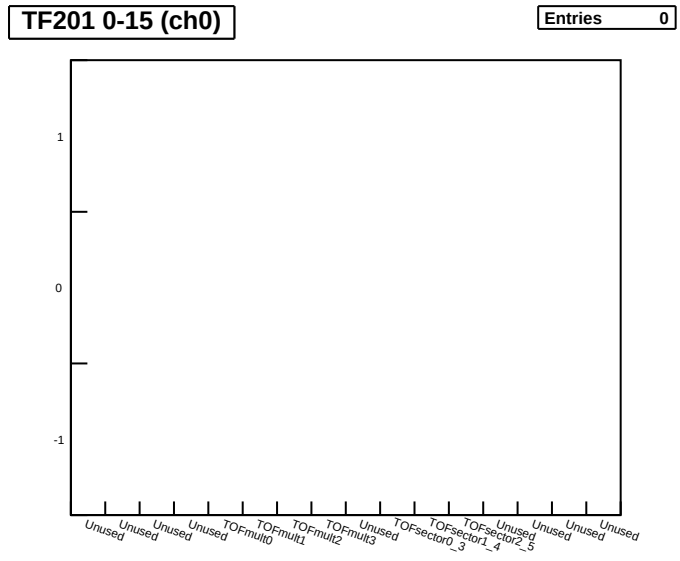

Entries 188724
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

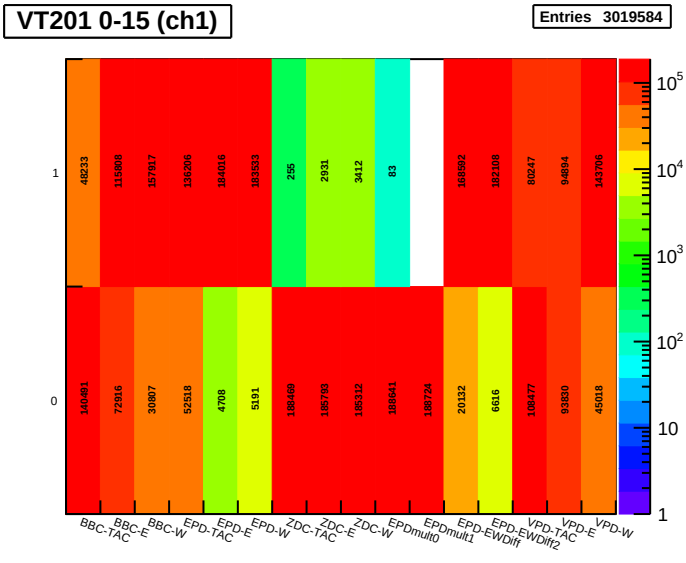

Entries 188724
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

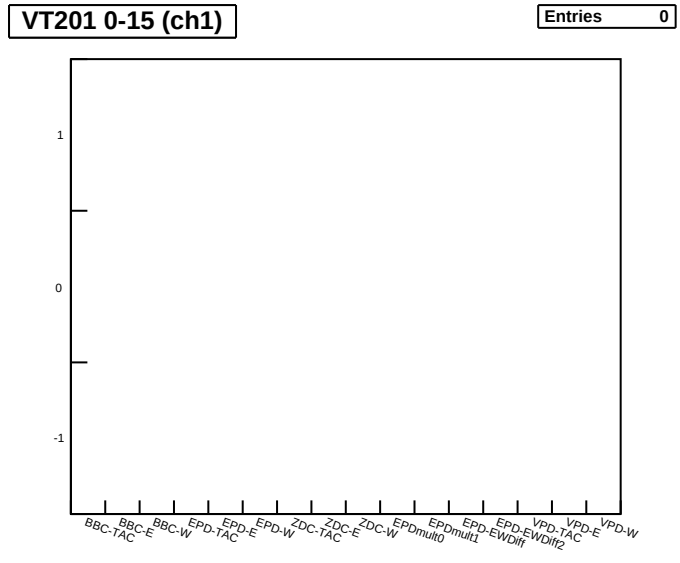

Laser Input Bits
Entries 188724
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

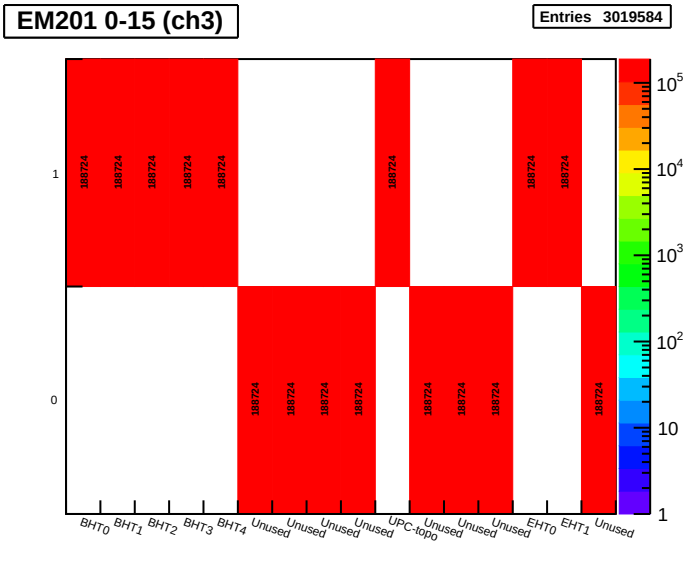

ST201 0-15 (ch6)
Entries 3019584
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3370
3369
1
3369
1
4
185354
185355
188723
185355
188724
188724
188724
188724
188724
188724
188724
188724
188724
188724
188723
188720
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

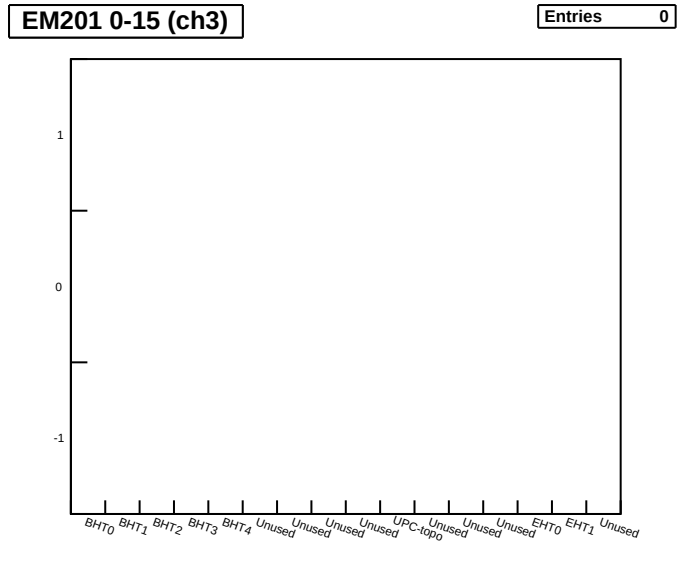

TF201 0-15 (ch0)
Entries 3019584
1
0
188724 188724 188724 188724 188724 188724 188724 188724 188724 188724 188724 188724 188724 188724 188724 188724
5068 25076 30349 65821 35756 35804 37184
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 3019584
1
0
48233 115808 157917 136206 184016 183533 255 2931 3412 83 168992 182108 80247 94994 143706
140481 72916 30807 52518 4708 5191 188469 188793 185312 188641 188724 20132 6616 106477 93830 45018
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 3019584
1
0
188724 188724 188724 188724 188724 188724 188724 188724 188724
188724 188724 188724 188724 188724 188724 188724 188724
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