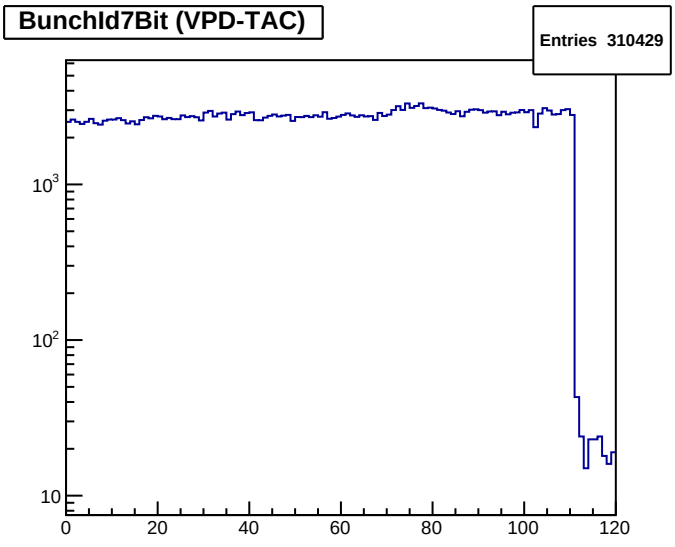
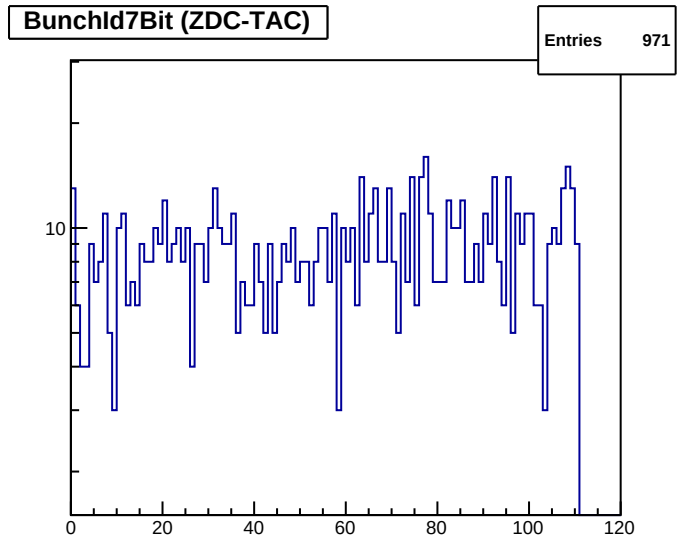
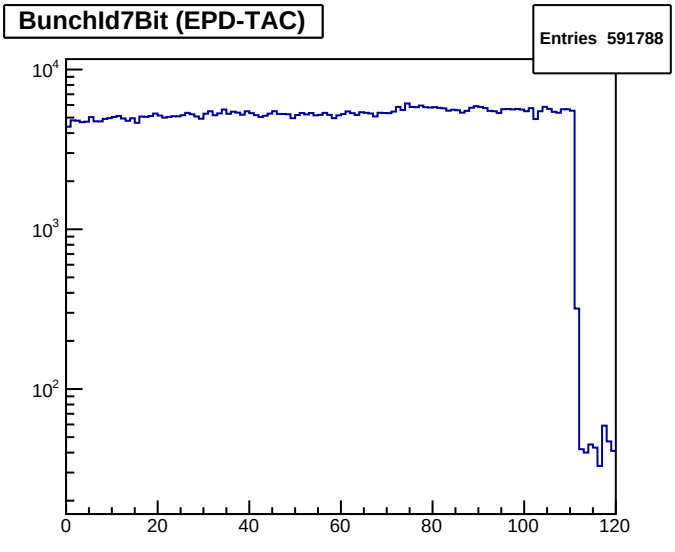
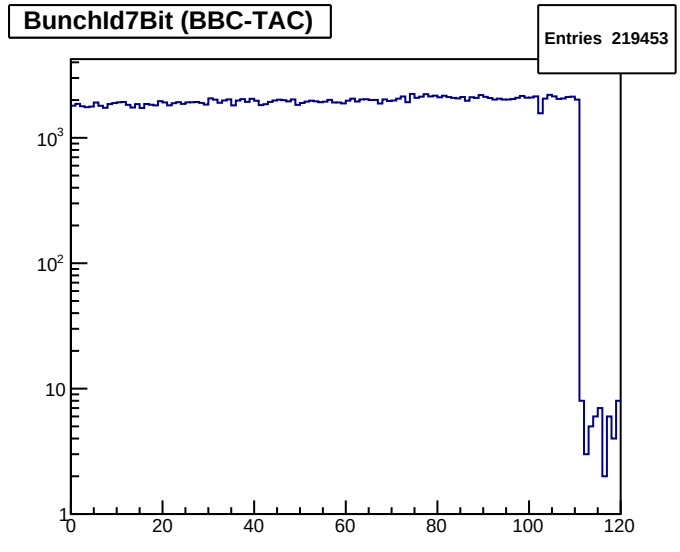
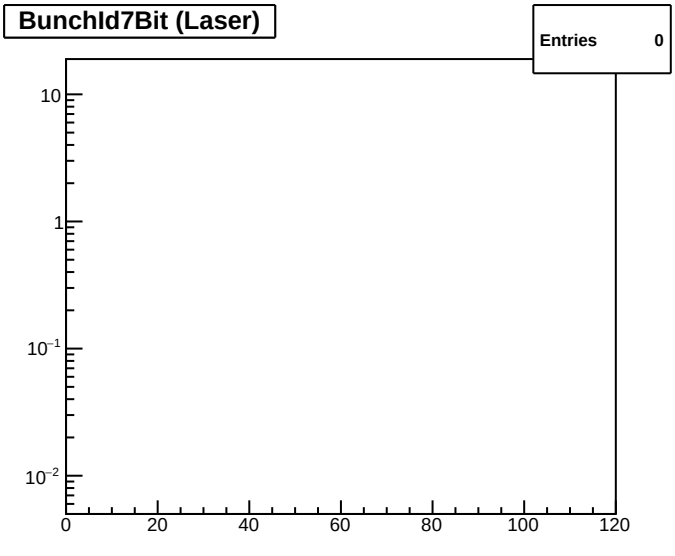
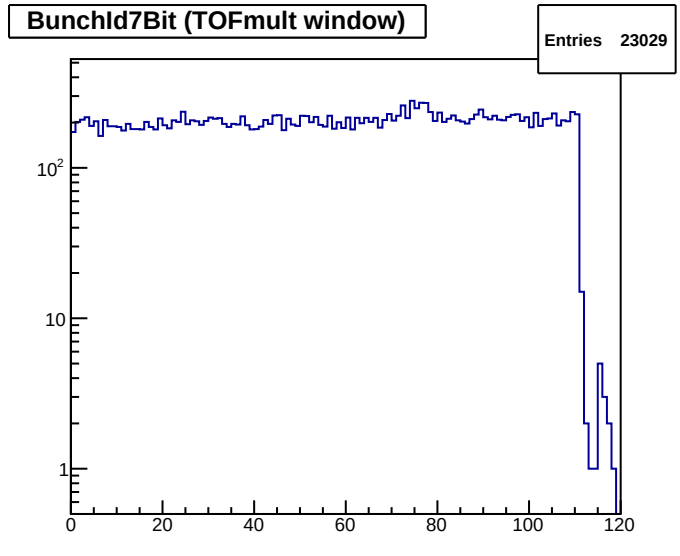

BunchId7Bit (VPD-TAC)
Entries 310429

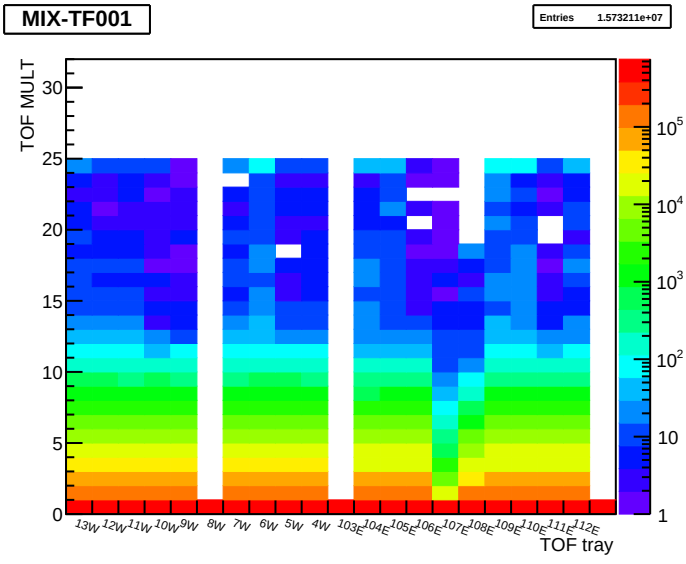

BunchId7Bit (ZDC-TAC)
Entries 971

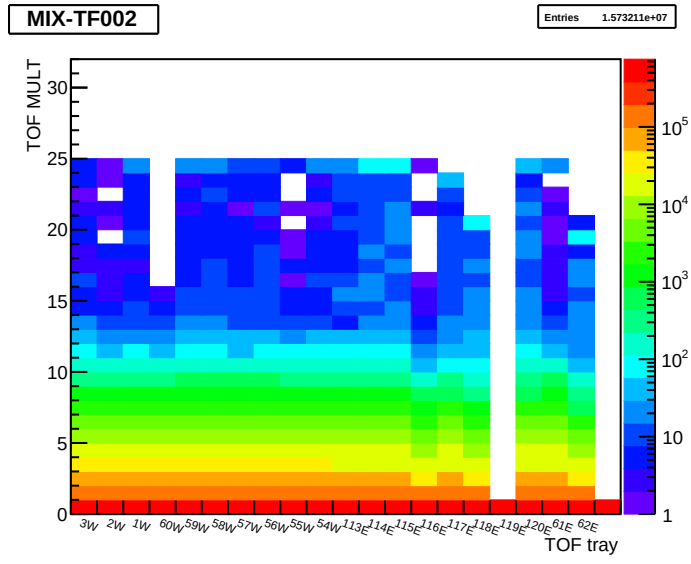

BunchId7Bit (EPD-TAC)
Entries 591788

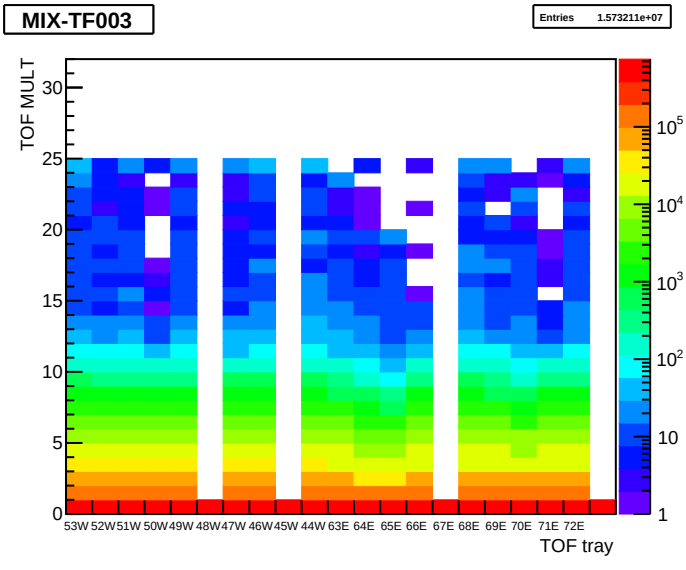

BunchId7Bit (BBC-TAC)
Entries 219453

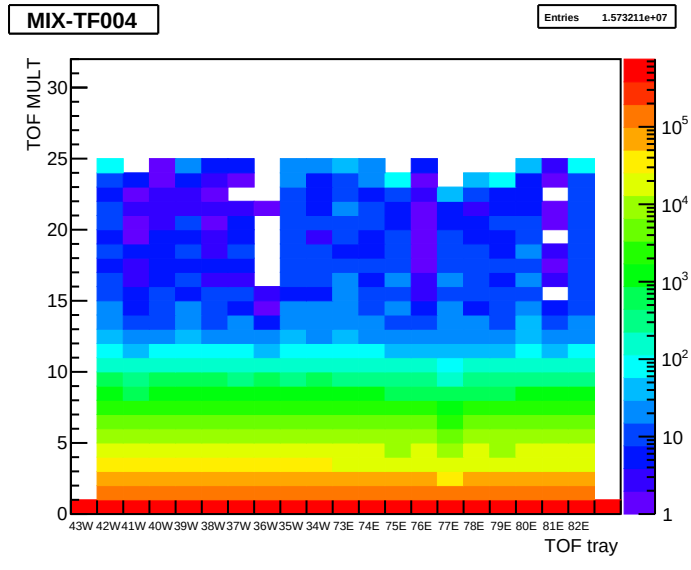

BunchId7Bit (Laser)
Entries 0

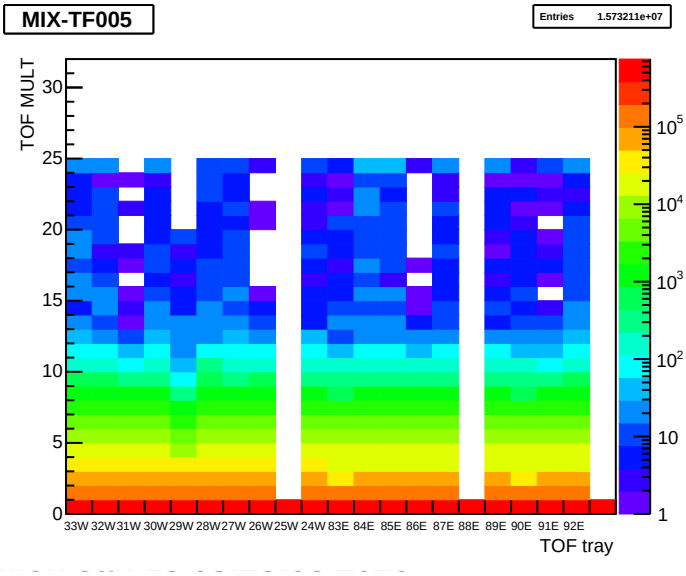

BunchId7Bit (TOFmult window)
Entries 23029

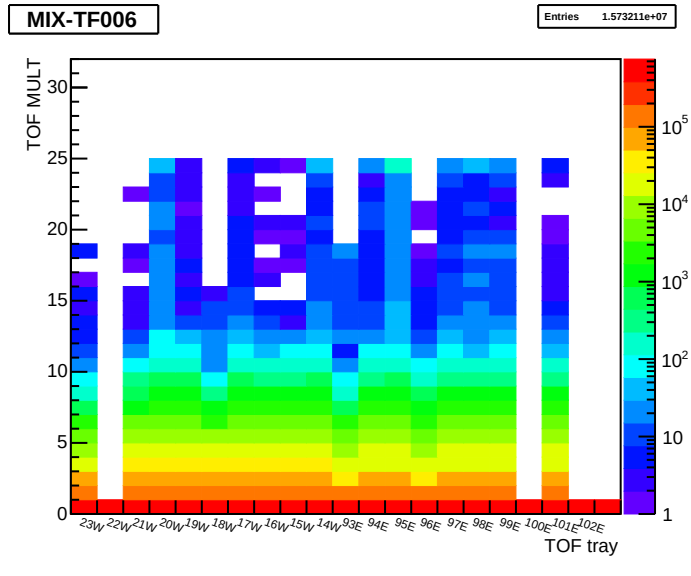

MIX-TF001
Entries 1.573211e+07
TOF MULT
TOF tray

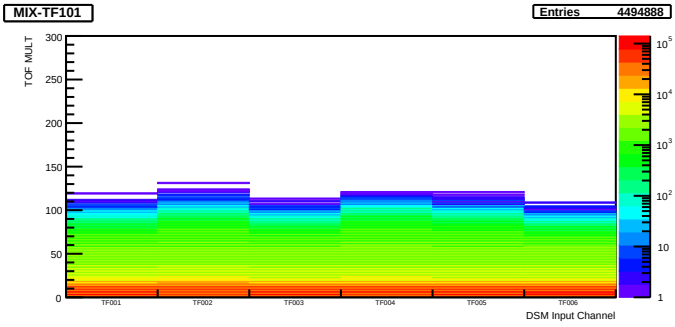

MIX-TF002
Entries 1.573211e+07
TOF MULT
TOF tray

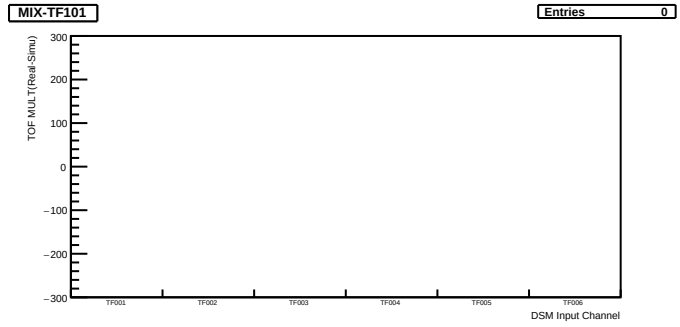

MIX-TF003
Entries 1.573211e+07
TOF MULT
TOF tray

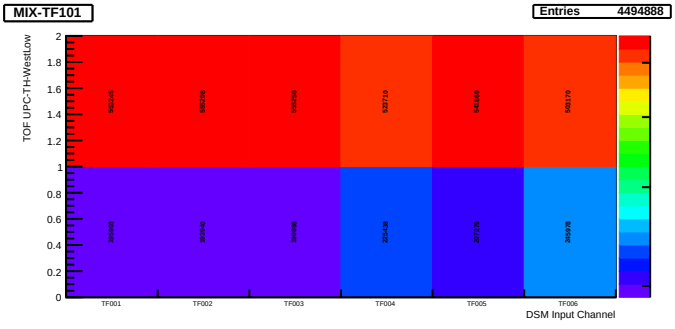

MIX-TF004
Entries 1.573211e+07
TOF MULT
TOF tray

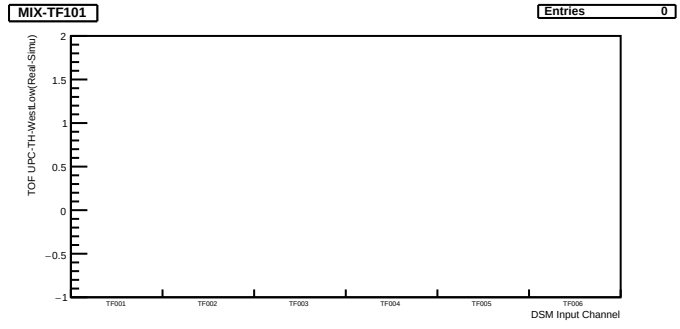

MIX-TF005
Entries 1.573211e+07
TOF MULT
TOF tray

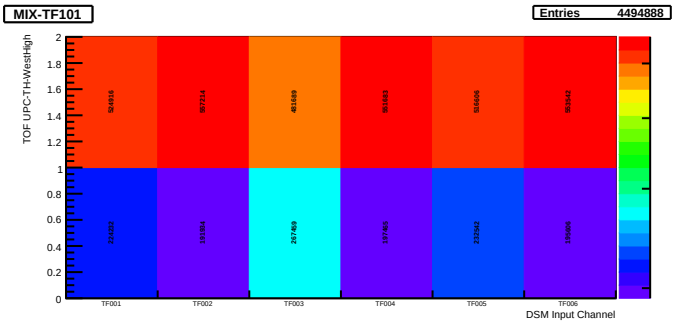

MIX-TF006
Entries 1.573211e+07
TOF MULT
TOF tray

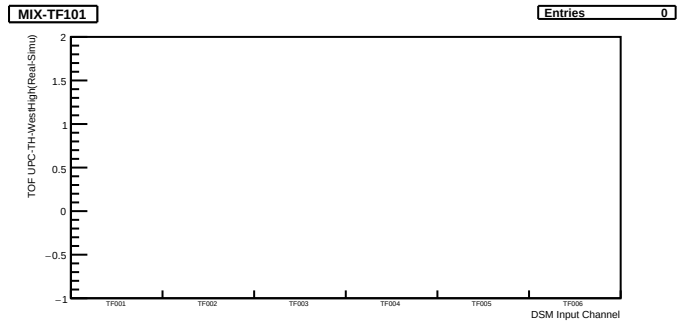

MIX-TF101
Entries 4494888
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

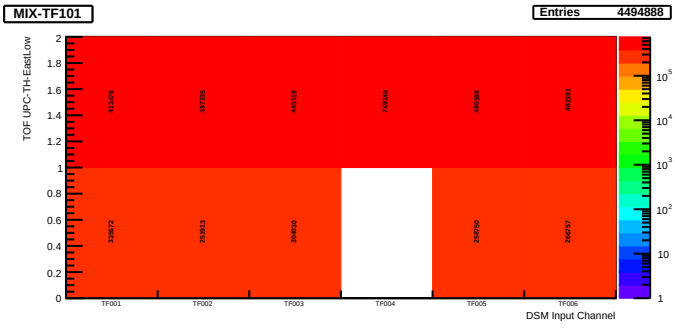

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

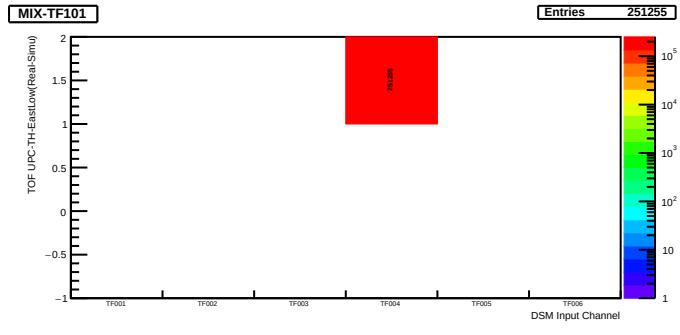

MIX-TF101
Entries 4494888
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

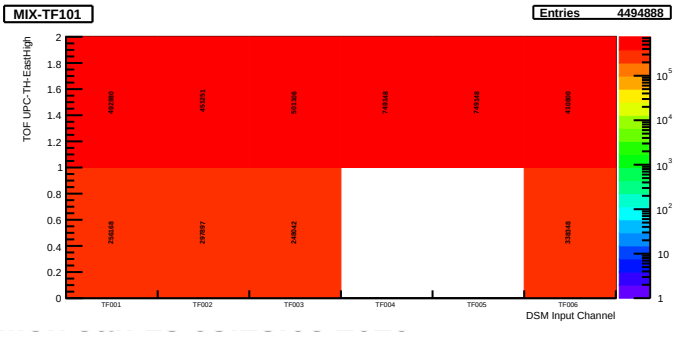

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

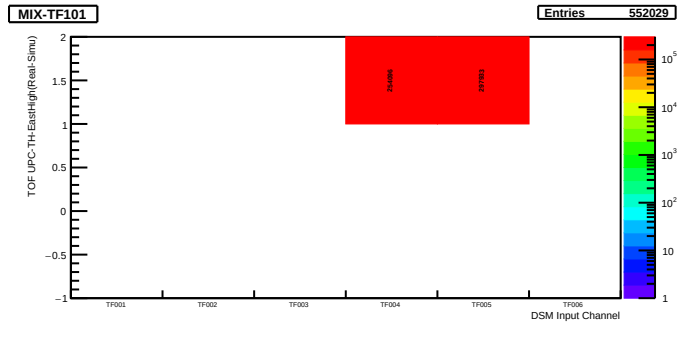

MIX-TF101
Entries 4494888
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

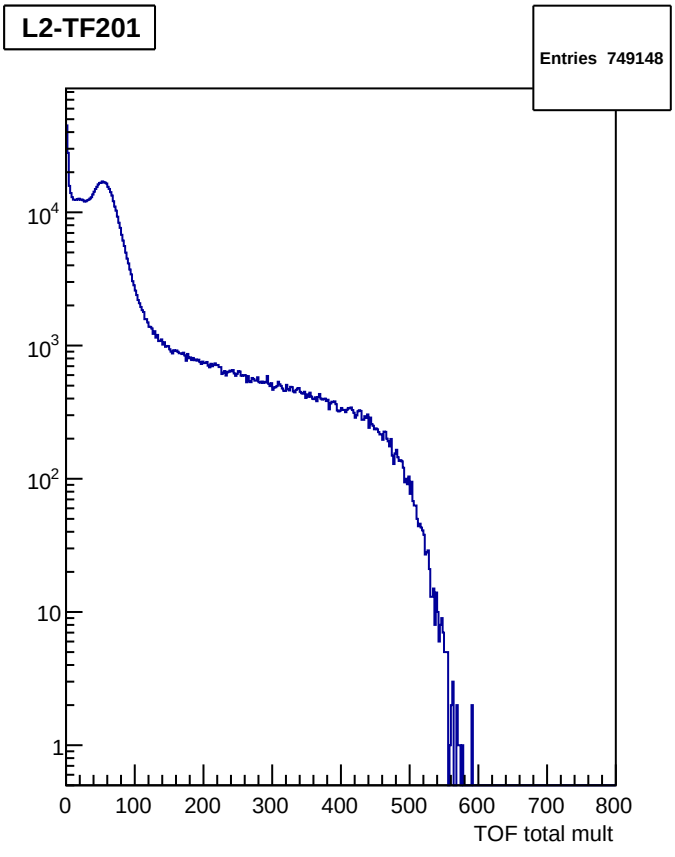

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

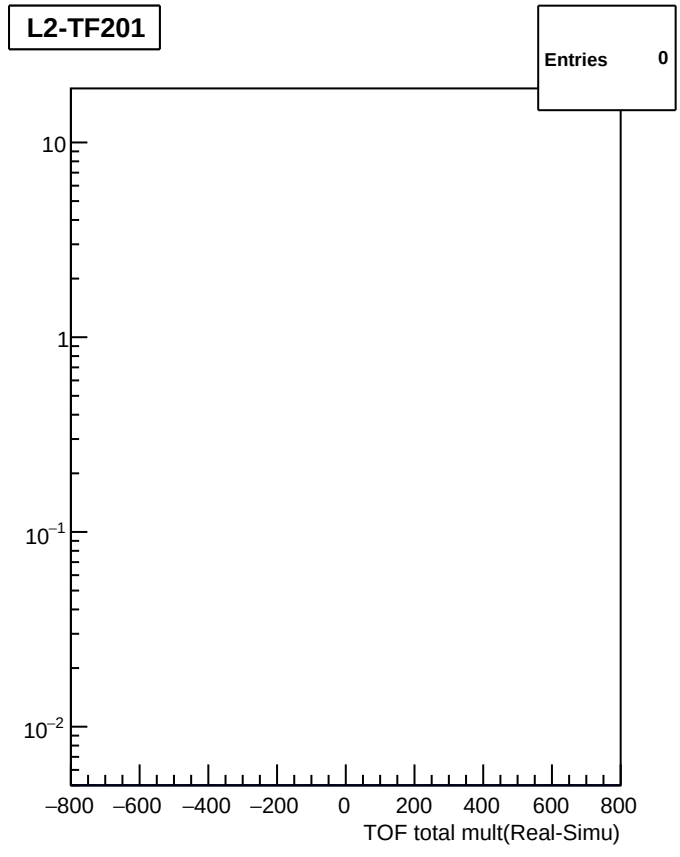

MIX-TF101
Entries 4494888
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

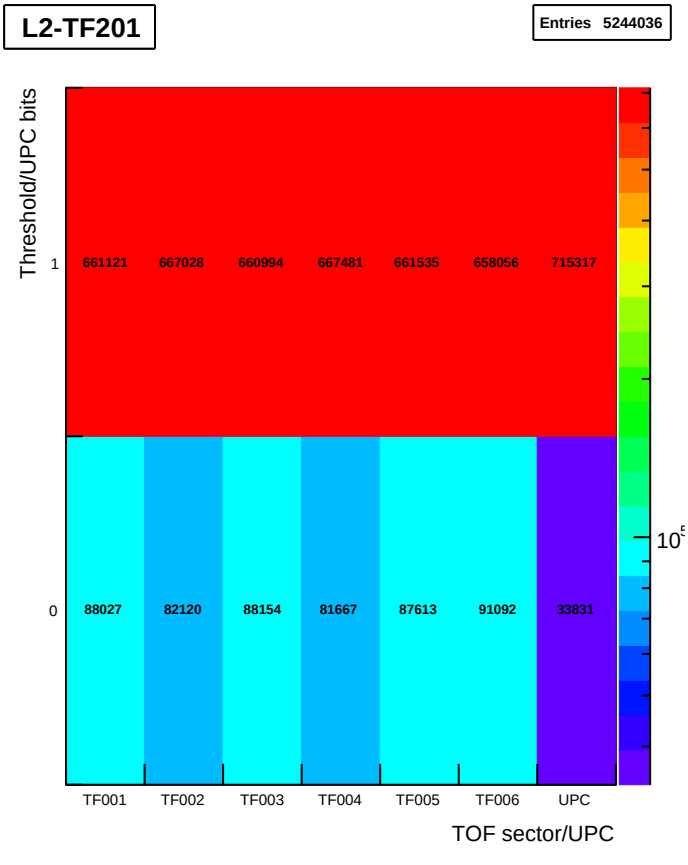

MIX-TF101
Entries 251255
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

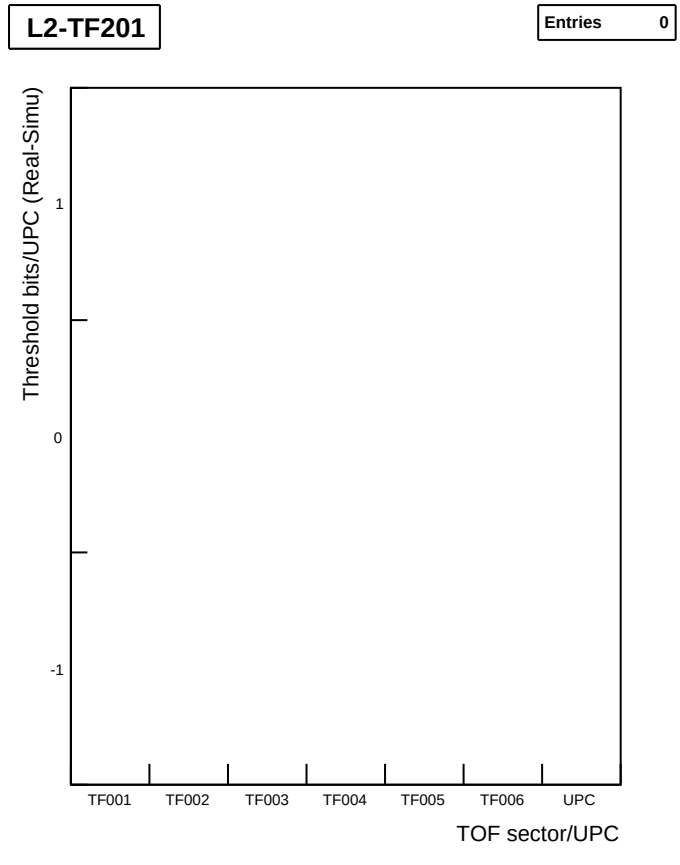

MIX-TF101
Entries 4494888
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

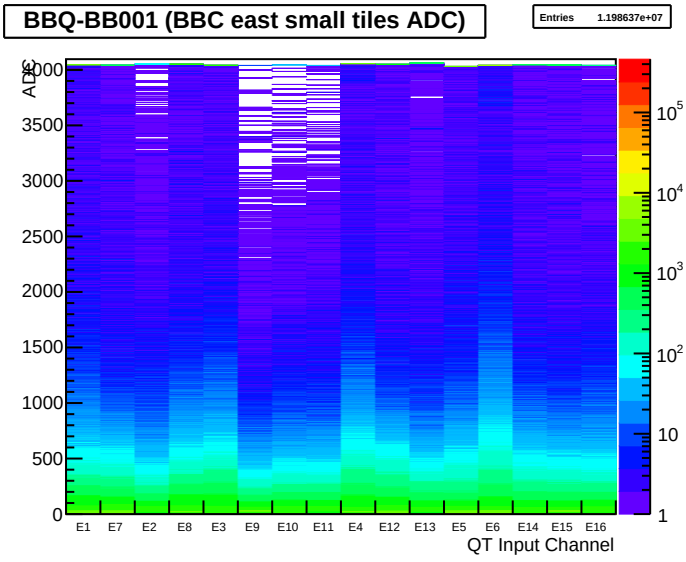

MIX-TF101
Entries 552029
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

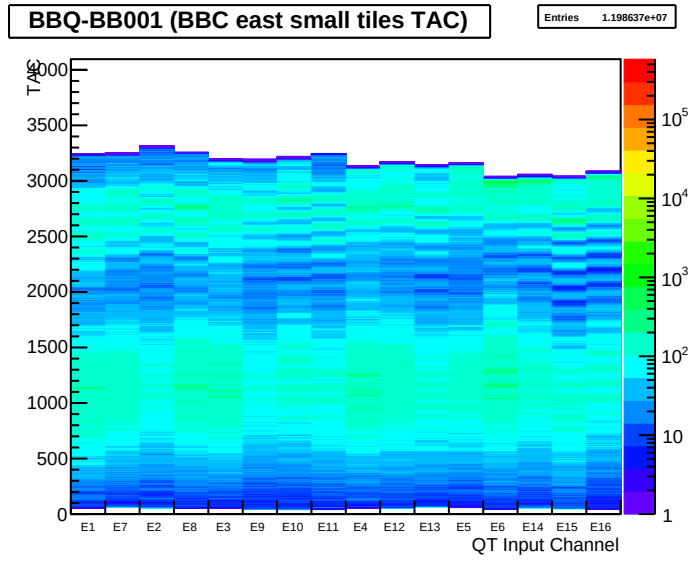

L2-TF201
Entries 749148
TOF total mult

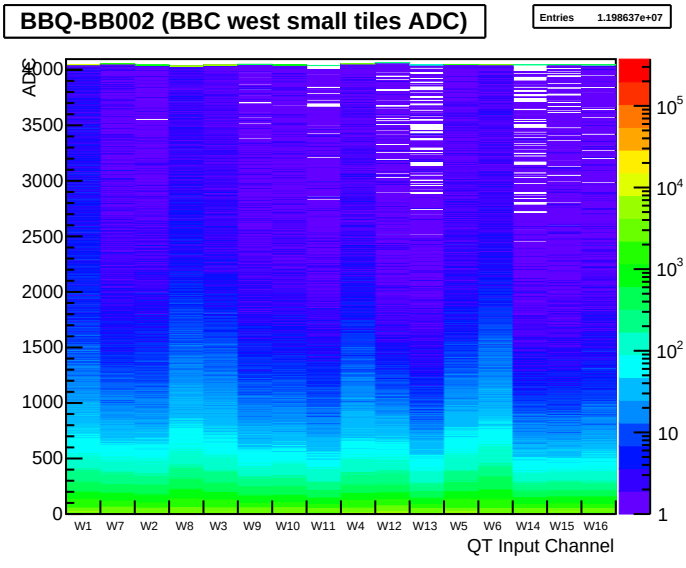

L2-TF201
Entries 0
TOF total mult(Real-Simu)

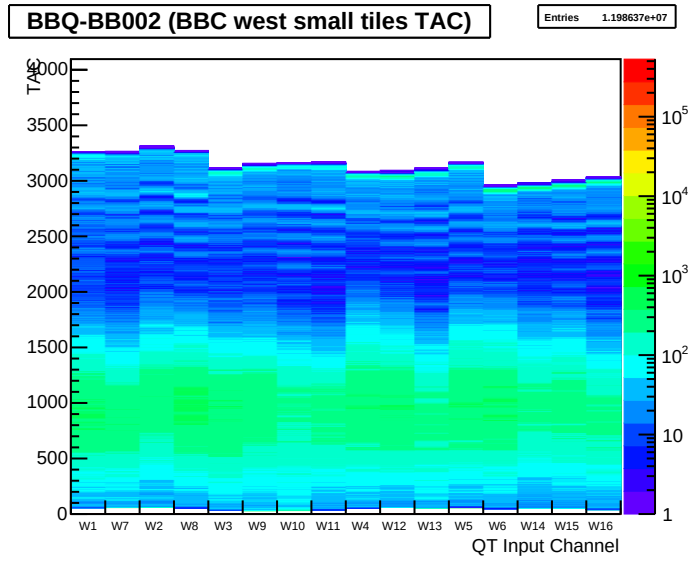

L2-TF201
Entries 5244036
Threshold/UPC bits
661121 667028 660994 667481 661535 658056 715317
88027 82120 88154 81667 87613 91092 33831
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

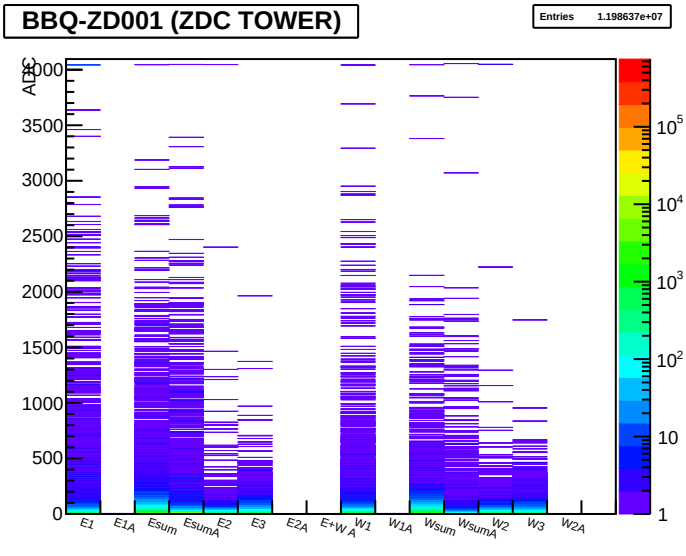

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

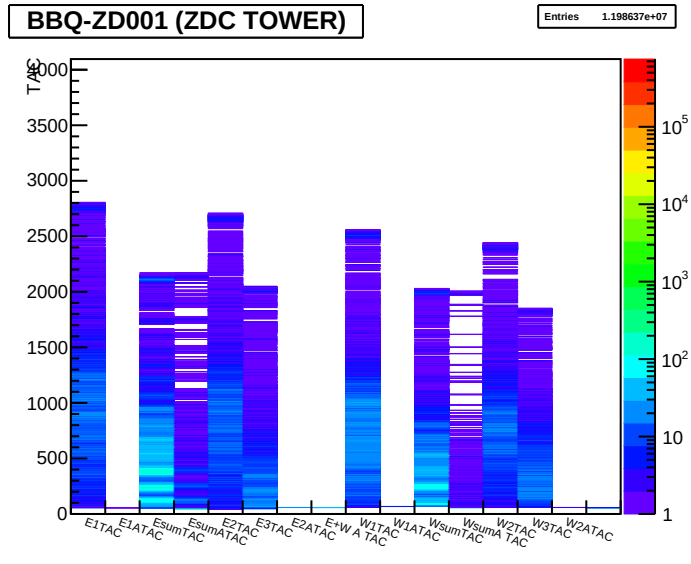

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.198637e+07
ADC
QT Input Channel

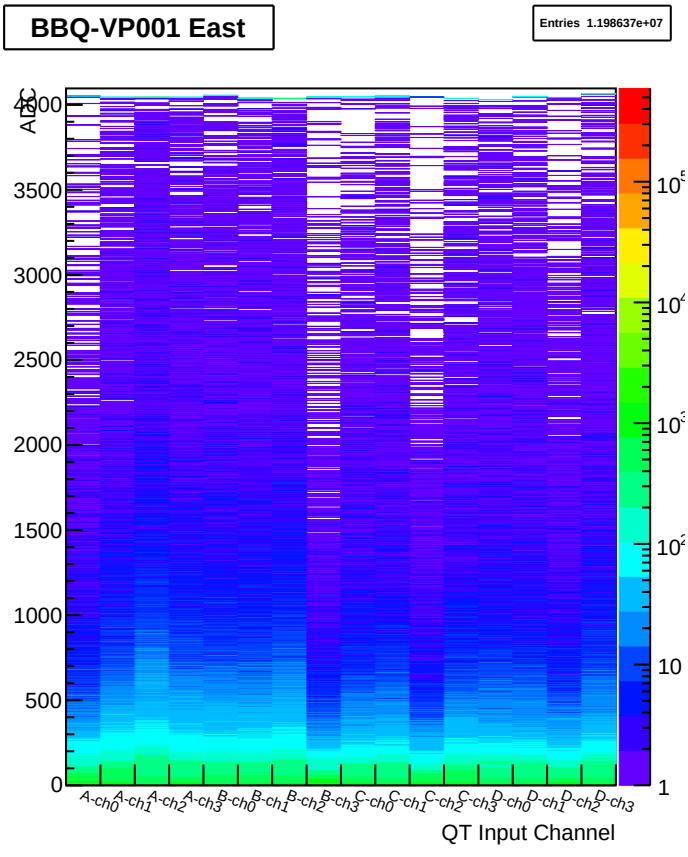

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.198637e+07
TAC
QT Input Channel

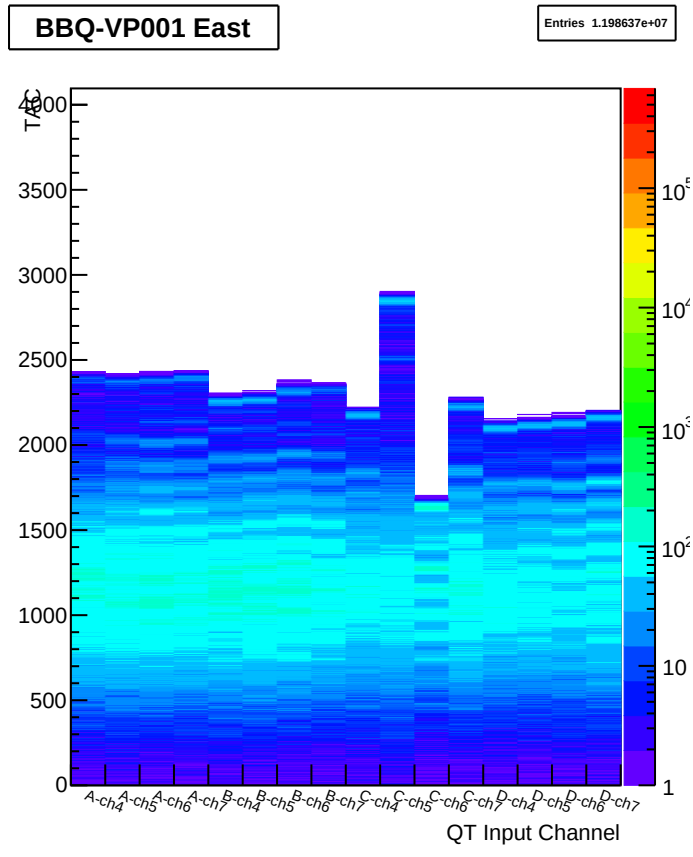

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.198637e+07
ADC
QT Input Channel

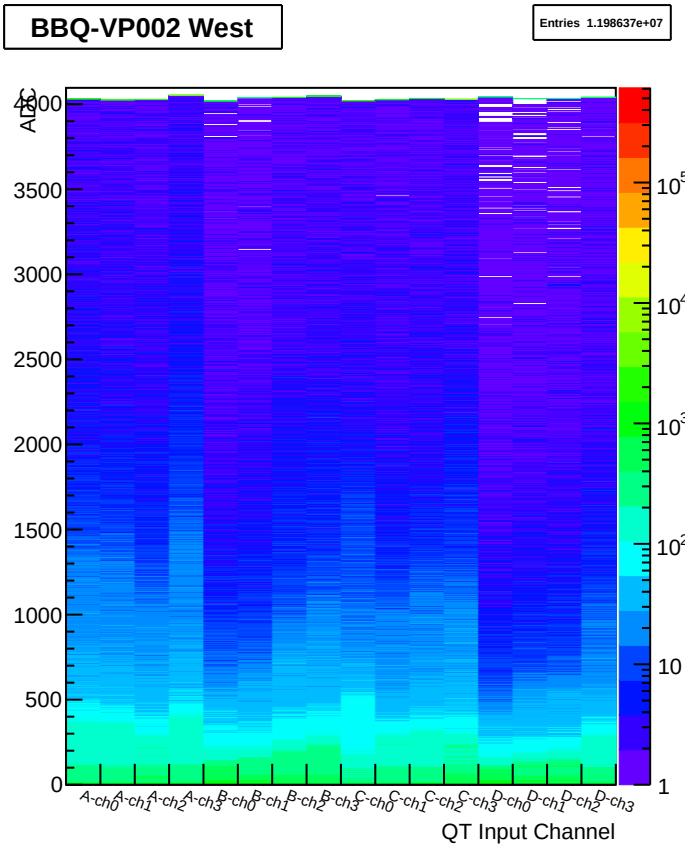

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.198637e+07
TAC
QT Input Channel

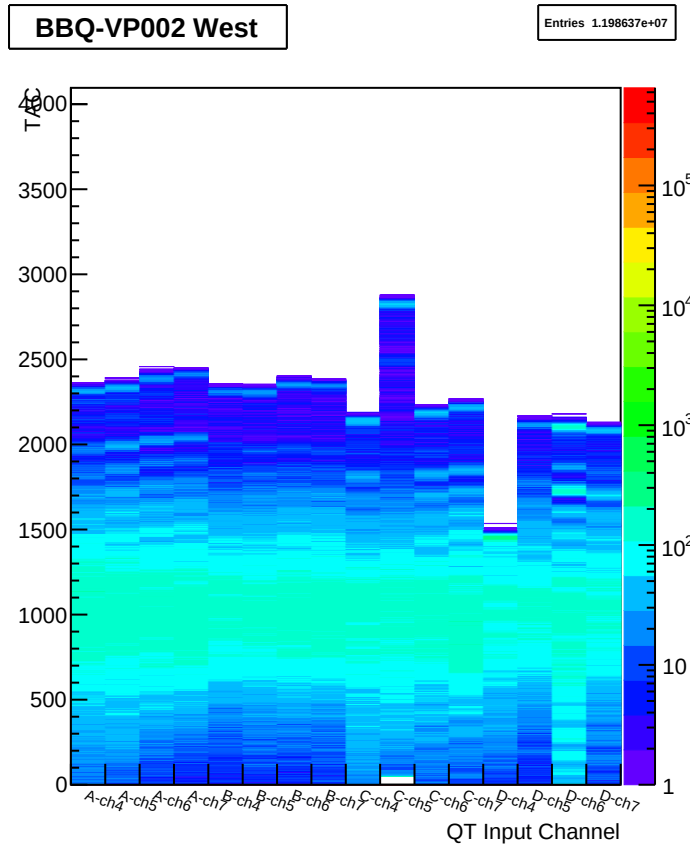

BBQ-ZD001 (ZDC TOWER)
Entries 1.198637e+07
ADC

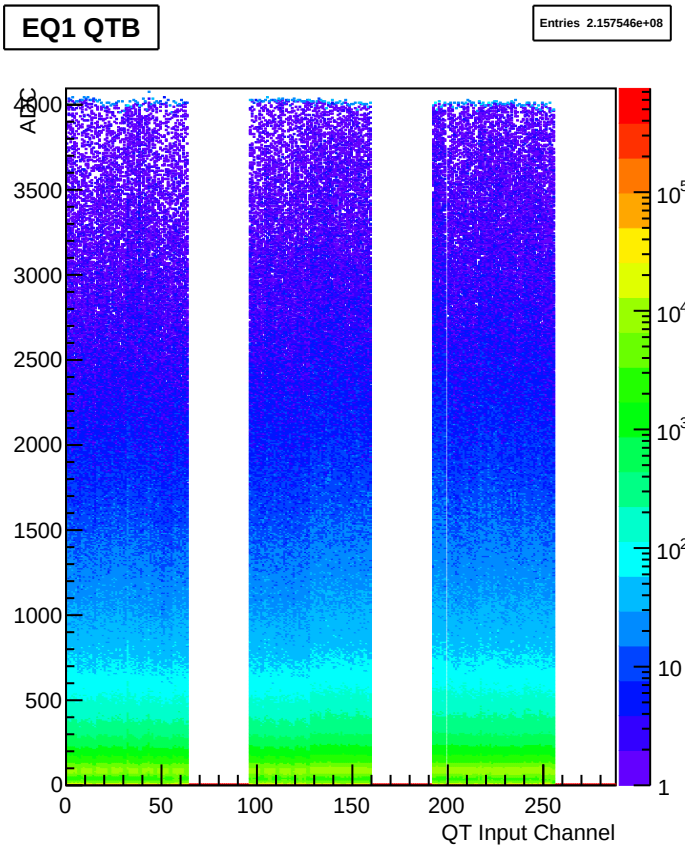

BBQ-ZD001 (ZDC TOWER)
Entries 1.198637e+07
TAC

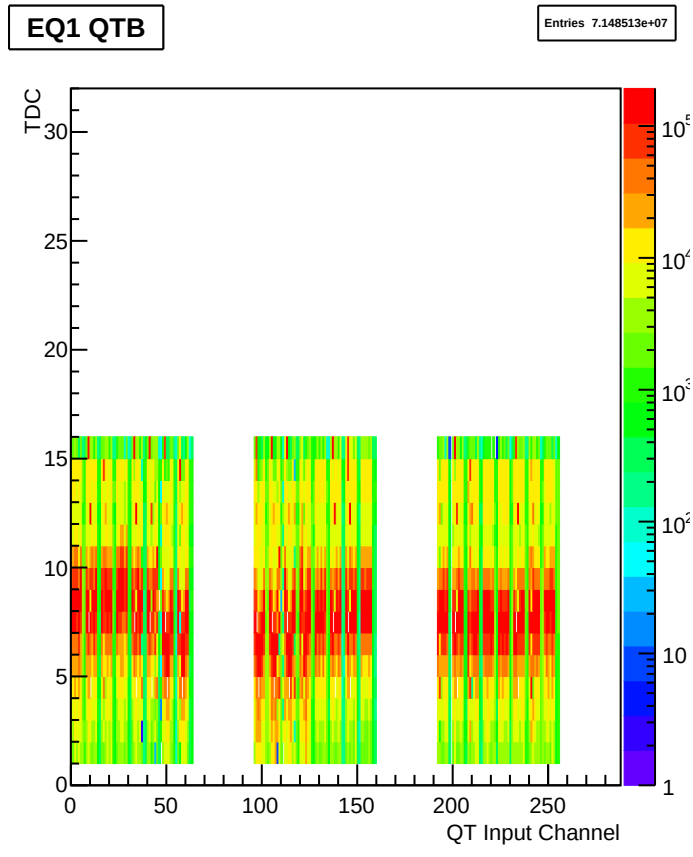

BBQ-VP001 East
Entries 1.198637e+07
ADC
QT Input Channel

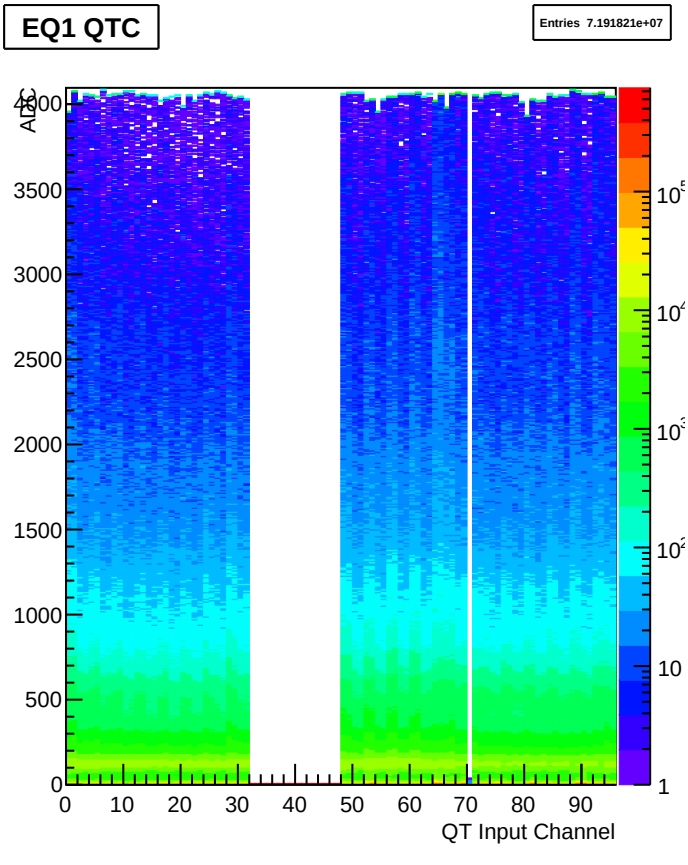

BBQ-VP001 East
Entries 1.198637e+07
TADC
QT Input Channel

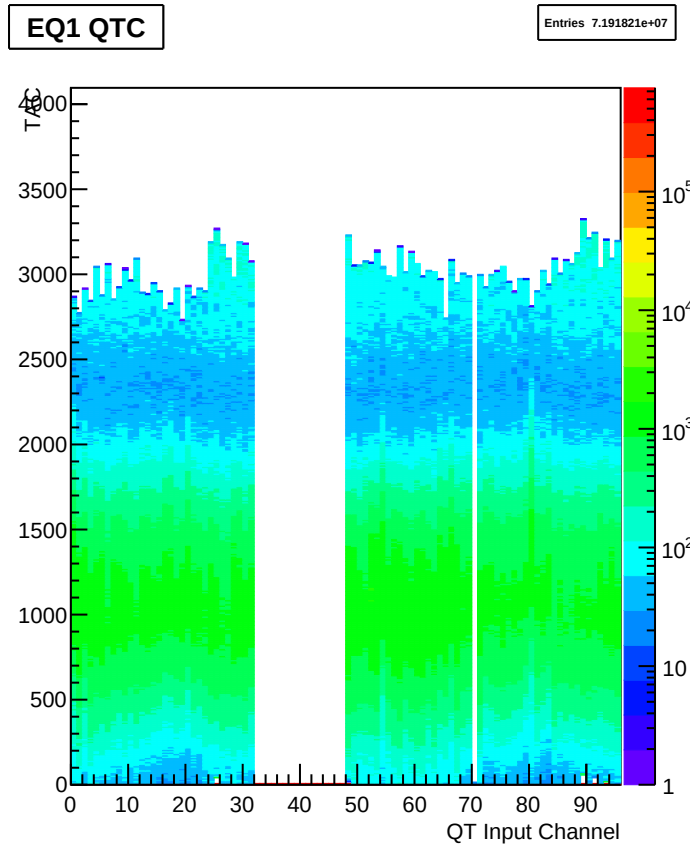

BBQ-VP002 West
Entries 1.198637e+07
ADC
QT Input Channel

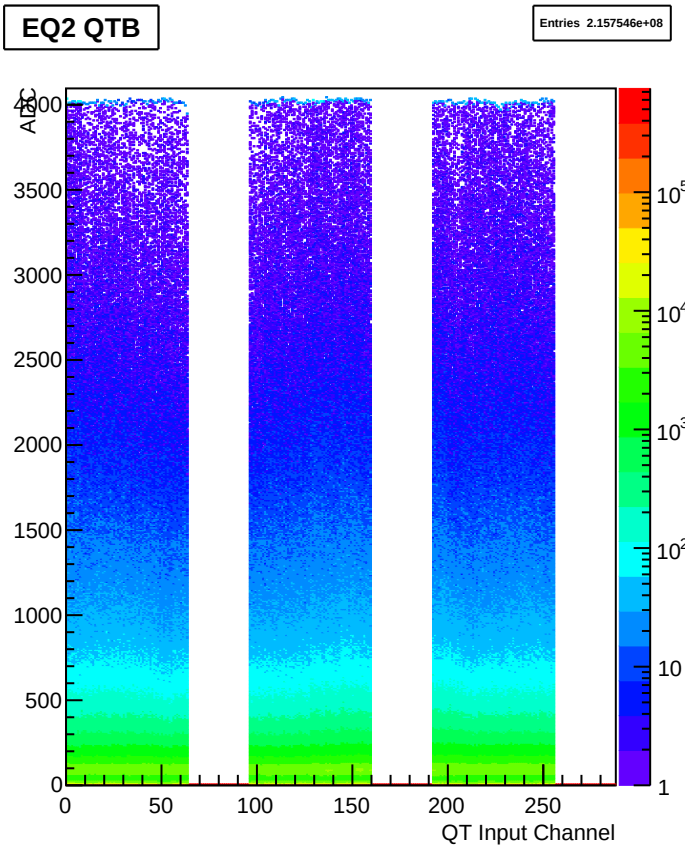

BBQ-VP002 West
Entries 1.198637e+07
TADC
QT Input Channel

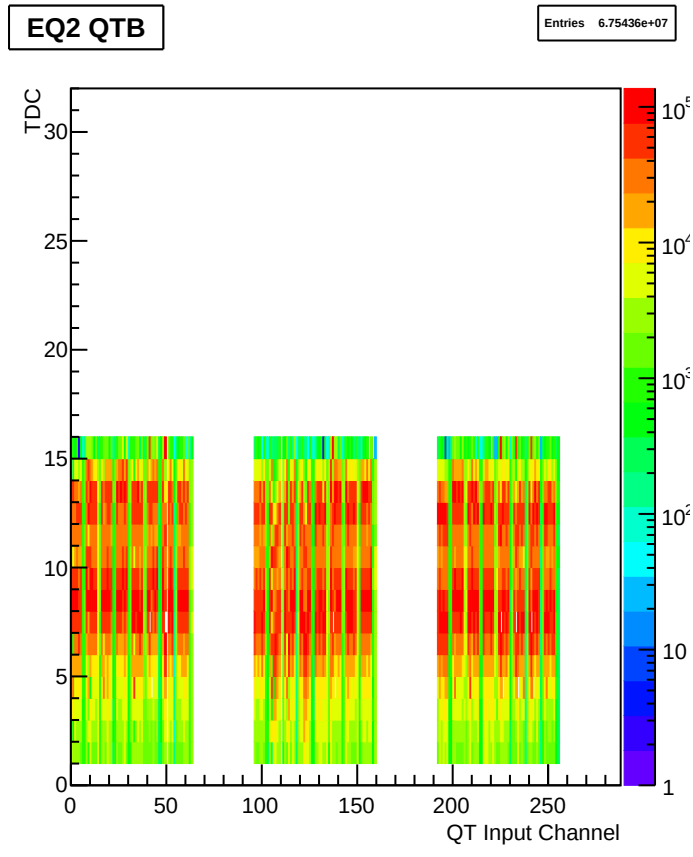

EQ1 QTB
Entries 2.157546e+08
ADC
QT Input Channel

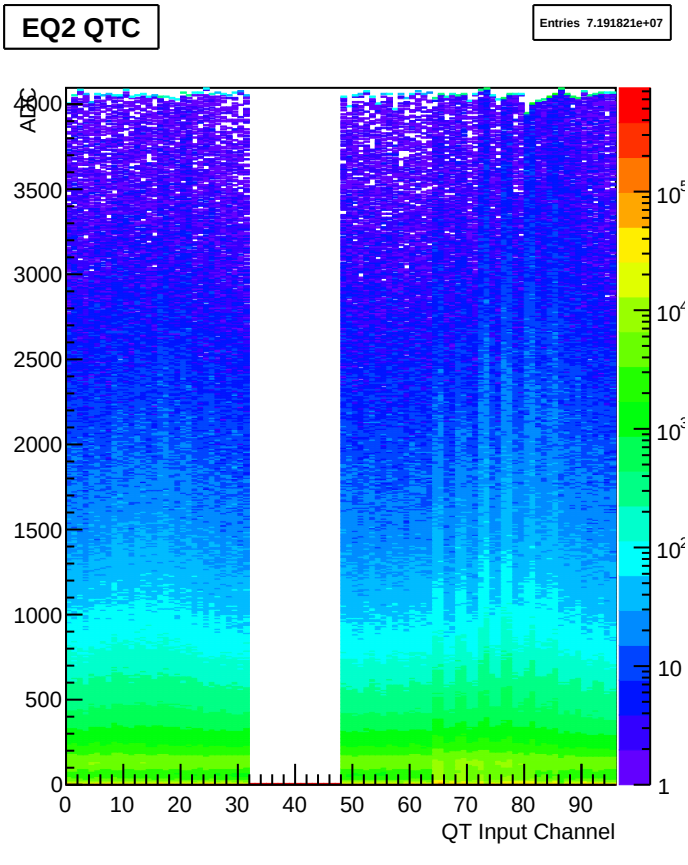

EQ1 QTB
Entries 7.148513e+07
TDC
QT Input Channel

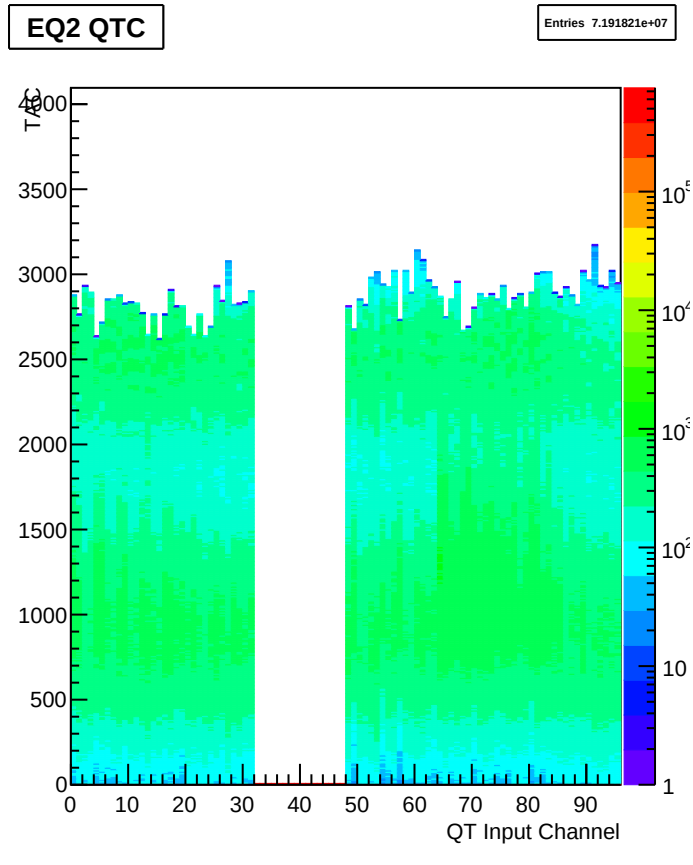

EQ1 QTC
Entries 7.191821e+07
ADC
QT Input Channel

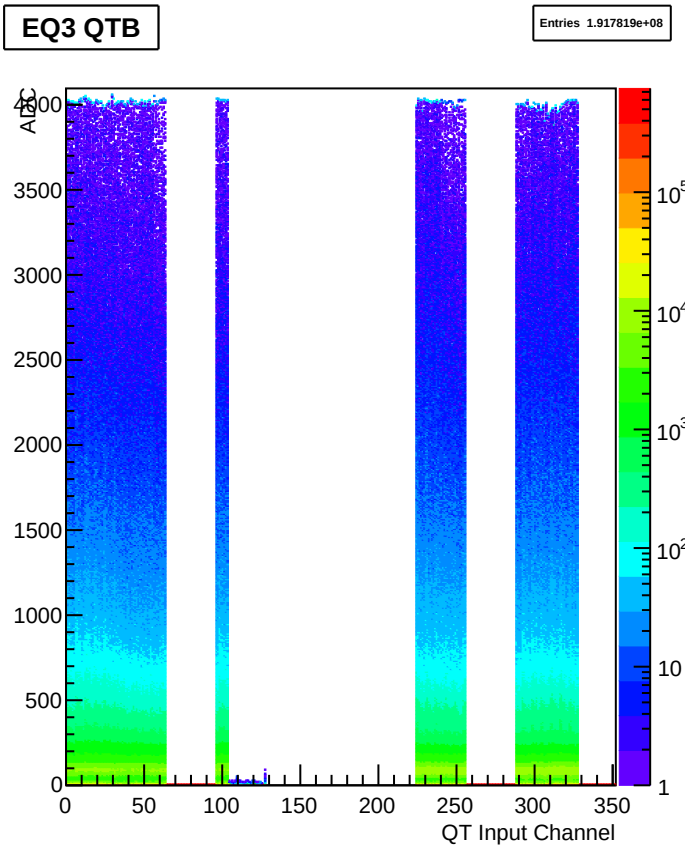

EQ1 QTC
Entries 7.191821e+07
TADC
QT Input Channel

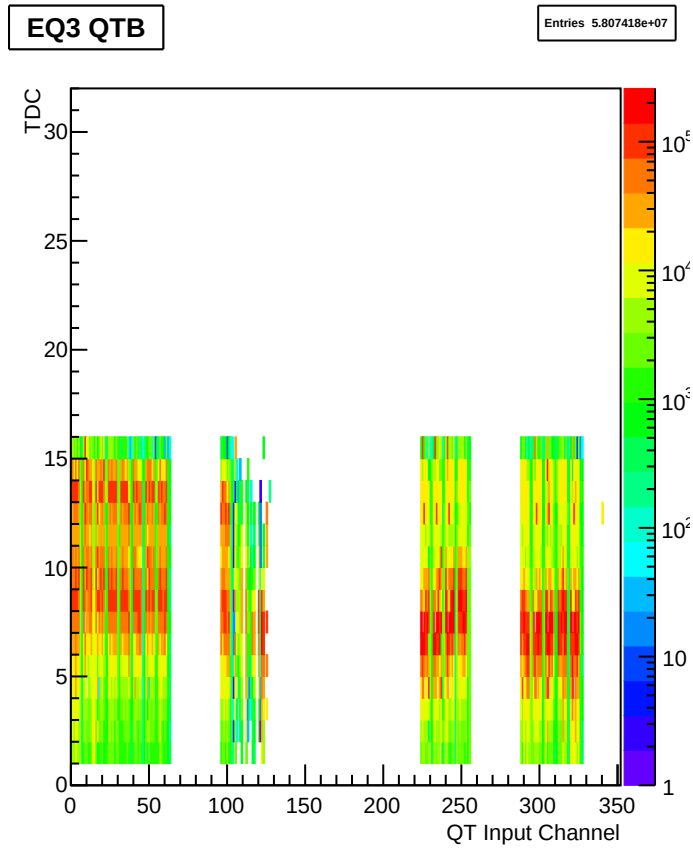

EQ2 QTB
Entries 2.157546e+08
ADC
QT Input Channel

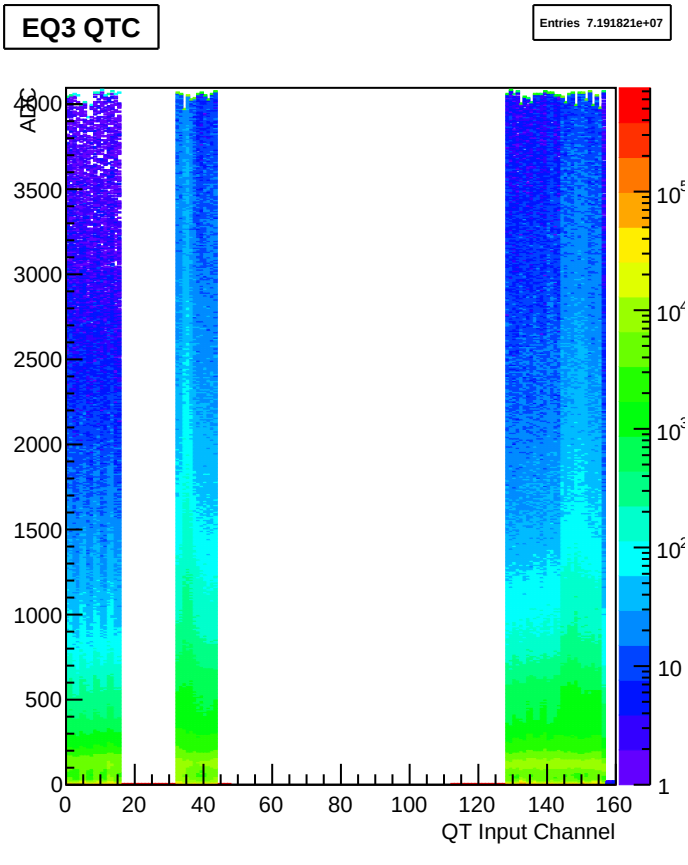

EQ2 QTB
Entries 6.75436e+07
TDC
QT Input Channel

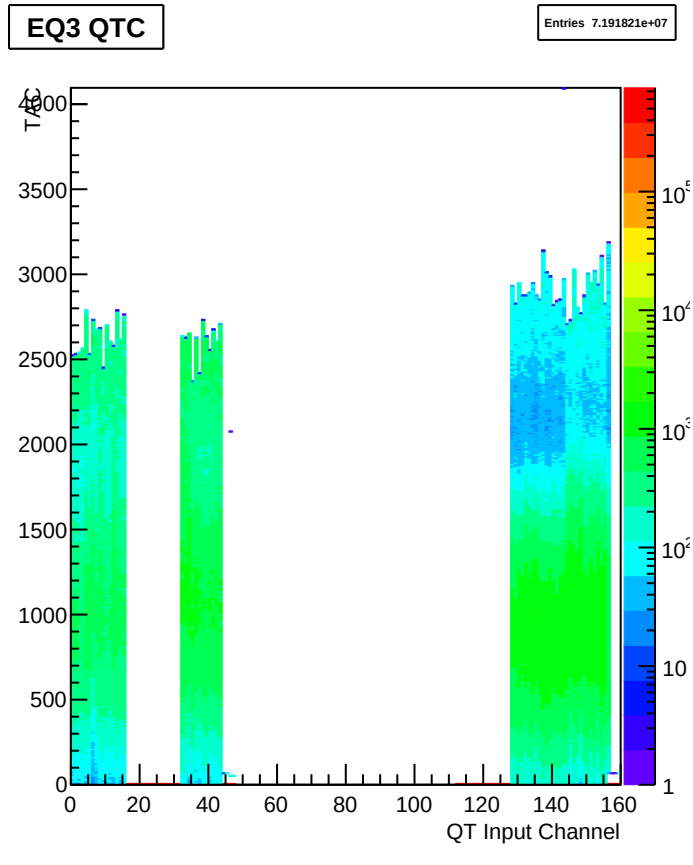

EQ2 QTC
Entries 7.191821e+07
ADC
QT Input Channel

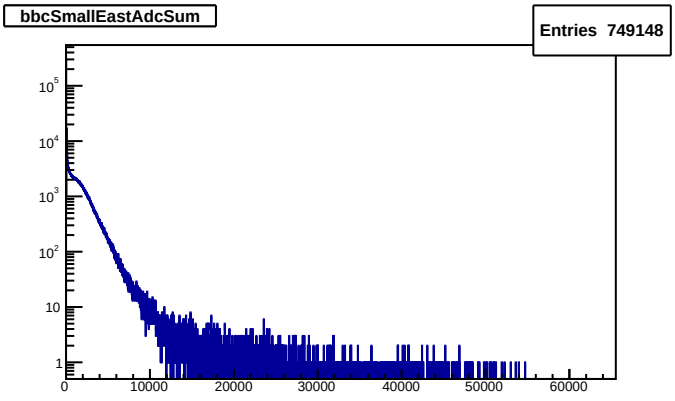

EQ2 QTC
Entries 7.191821e+07
TADC
QT Input Channel

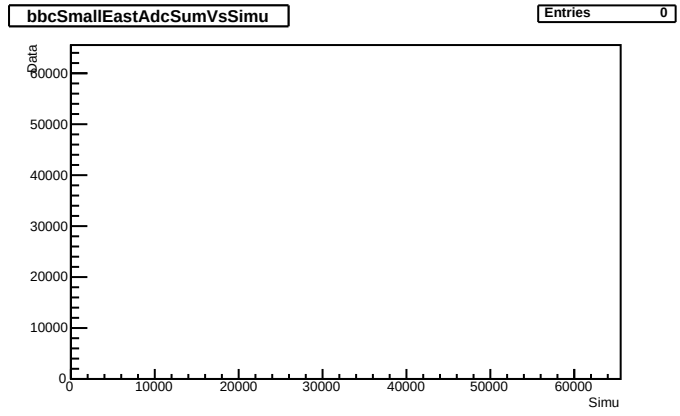

EQ3 QTB
Entries 1.917819e+08
ADC
QT Input Channel

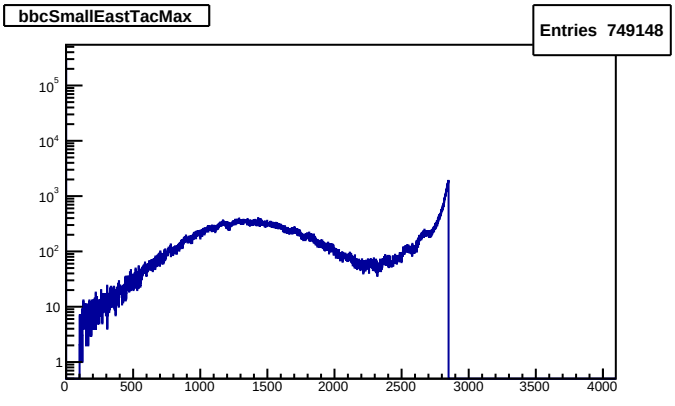

EQ3 QTB
Entries 5.807418e+07
TDC
QT Input Channel

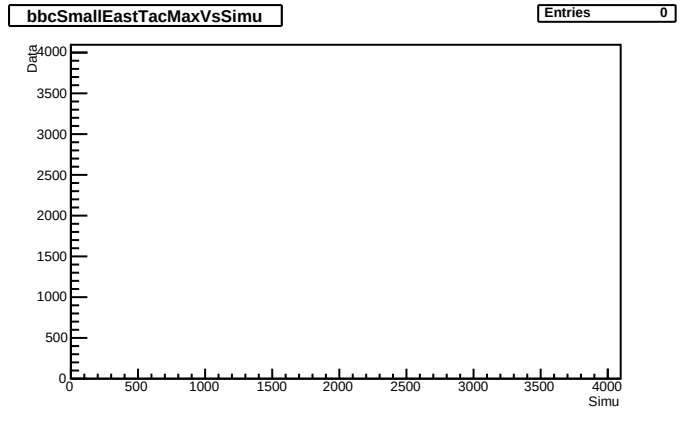

EQ3 QTC
Entries 7.191821e+07
ADC
QT Input Channel

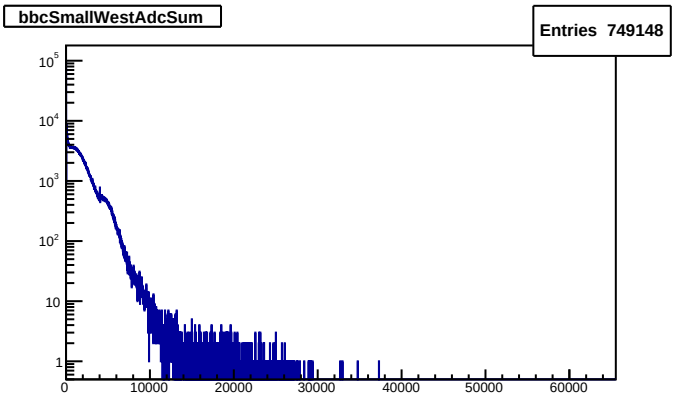

EQ3 QTC
Entries 7.191821e+07
TADC
QT Input Channel

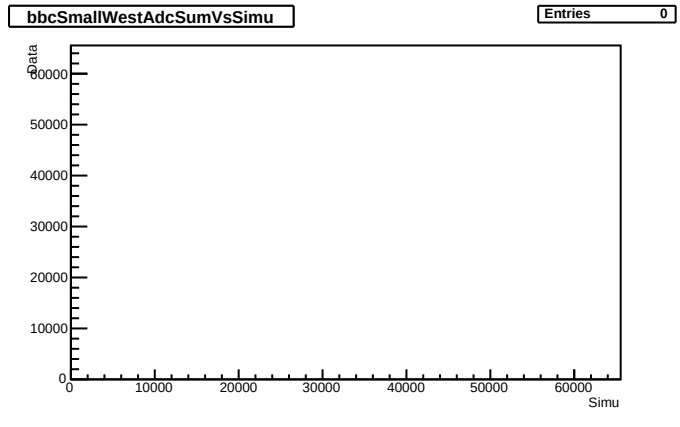

bbcSmallEastAdcSum
Entries 749148

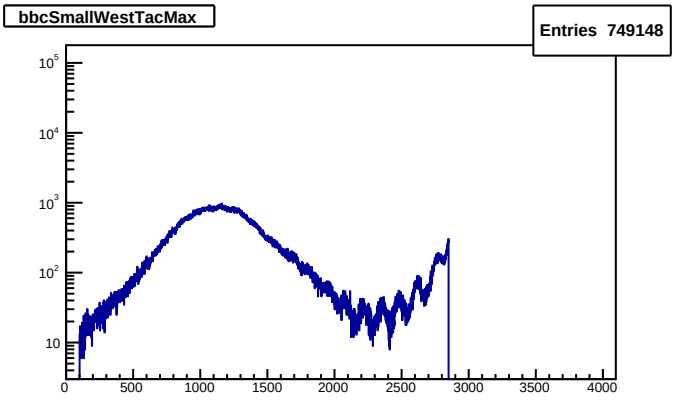

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

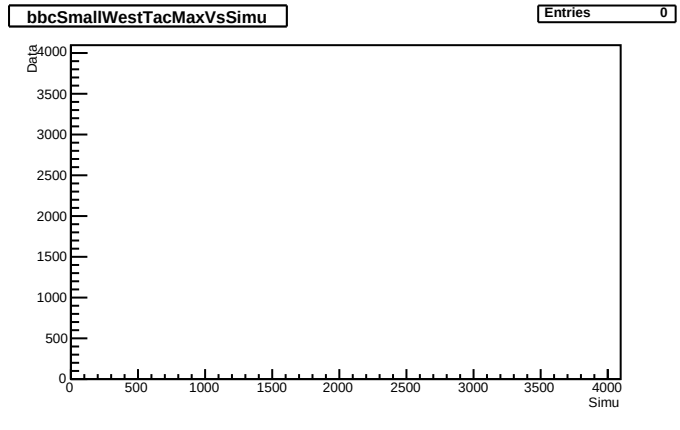

bbcSmallEastTacMax
Entries 749148

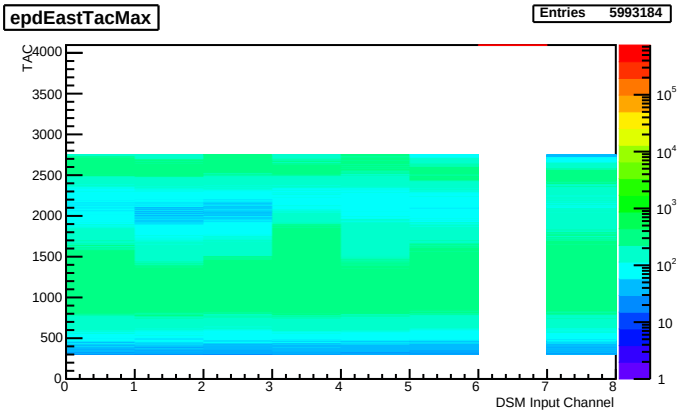

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

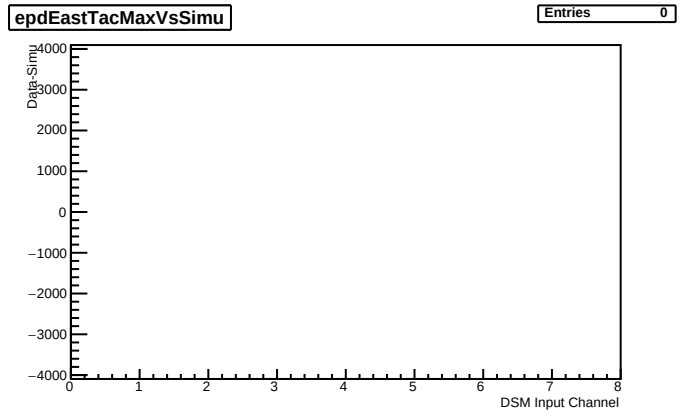

bbcSmallWestAdcSum
Entries 749148

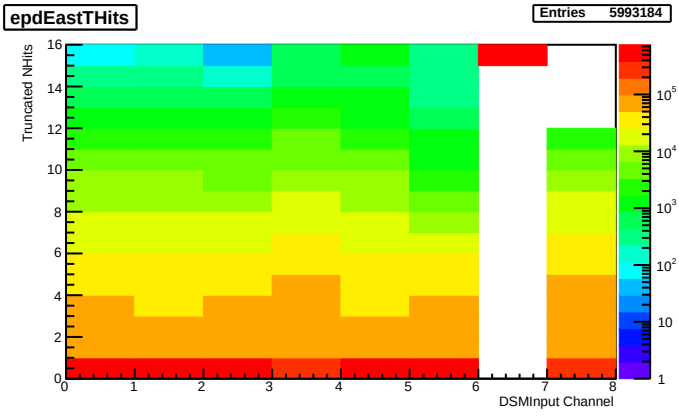

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

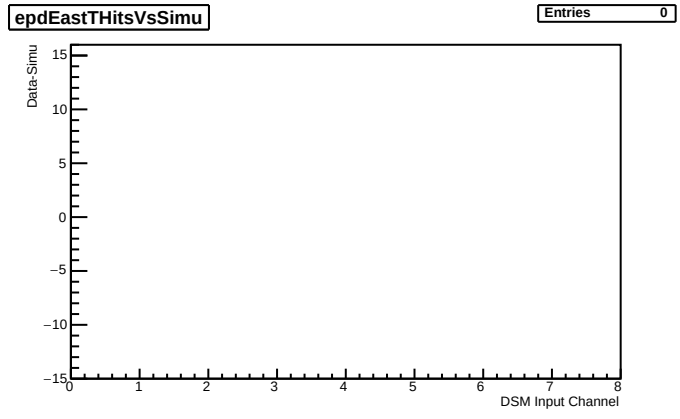

bbcSmallWestTacMax
Entries 749148

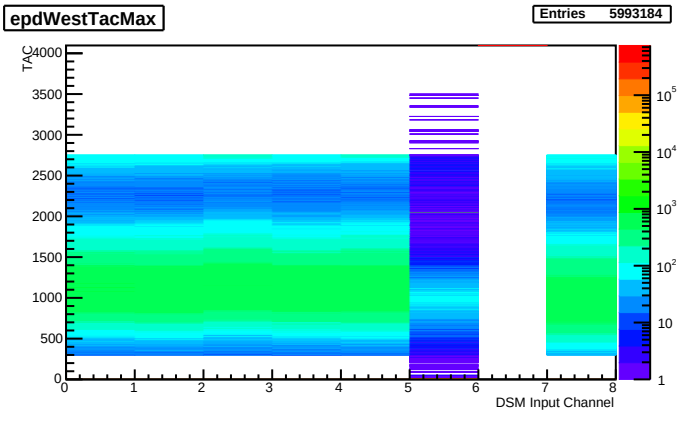

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

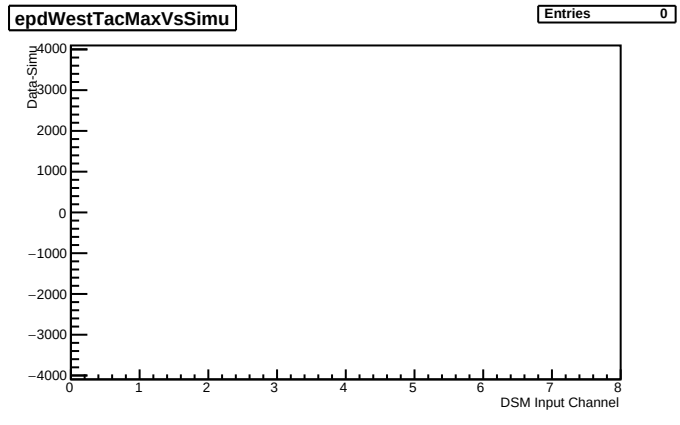

epdEastTacMax
Entries 5993184
TAC
DSM Input Channel

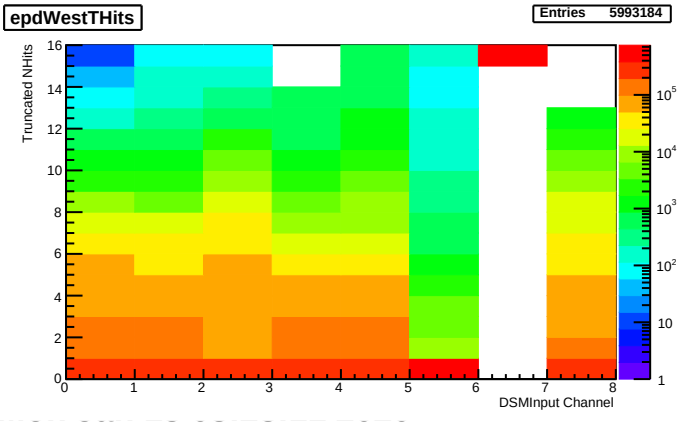

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

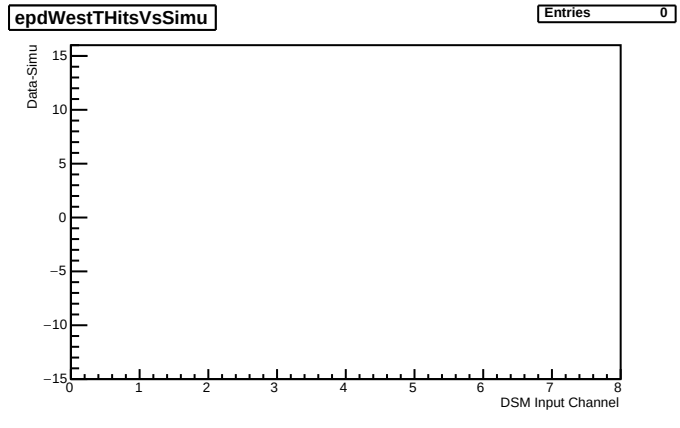

epdEastTHits
Entries 5993184
Truncated NHits
DSMInput Channel

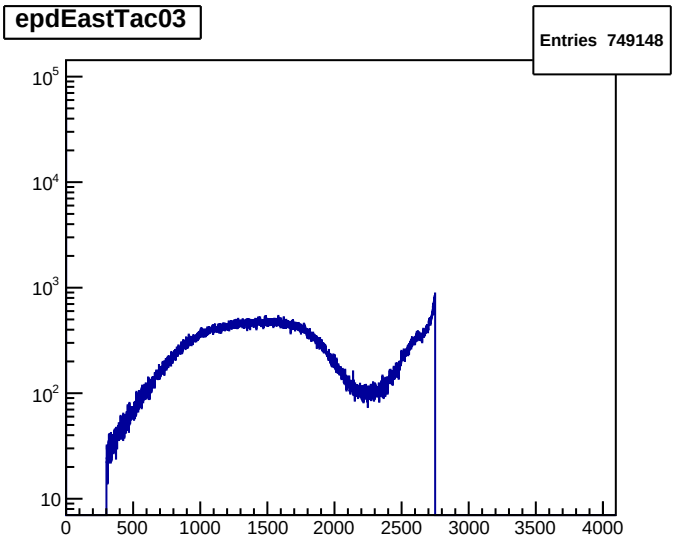

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

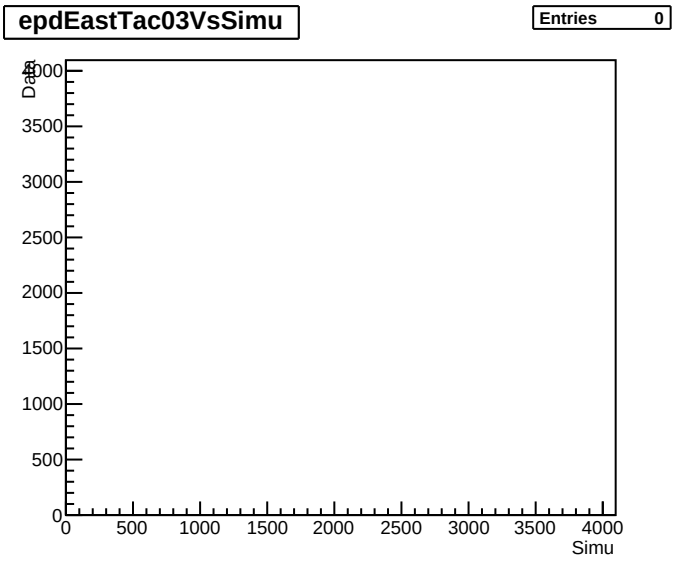

epdWestTacMax
Entries 5993184
TAC
DSM Input Channel

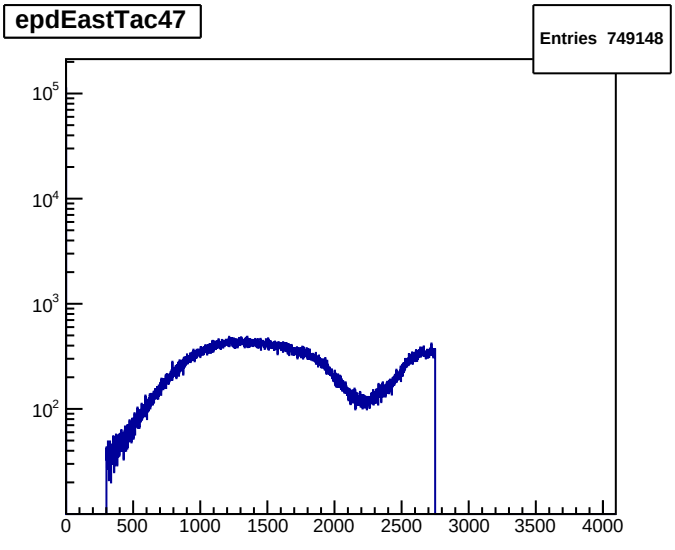

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

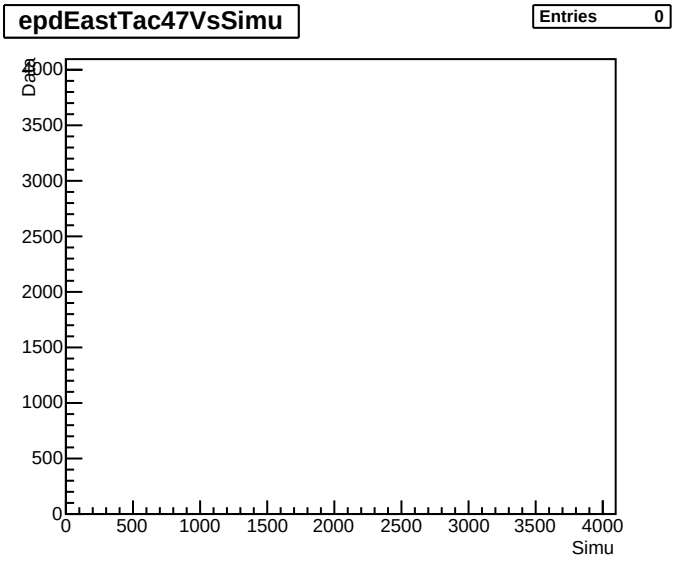

epdWestTHits
Entries 5993184
Truncated NHits
DSMInput Channel

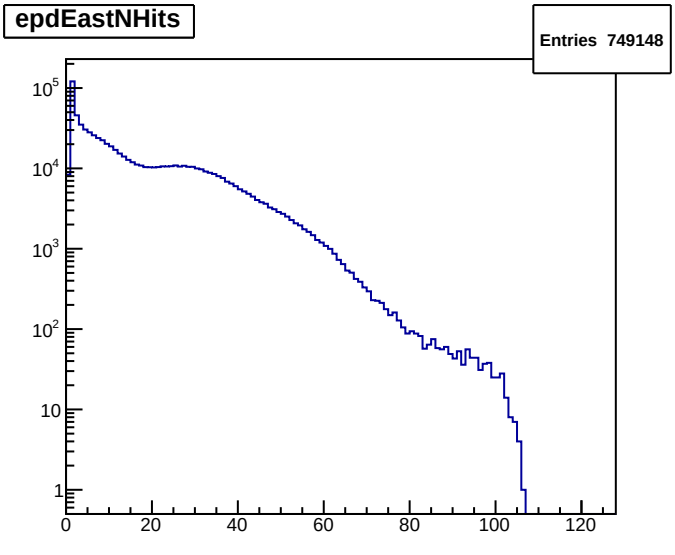

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

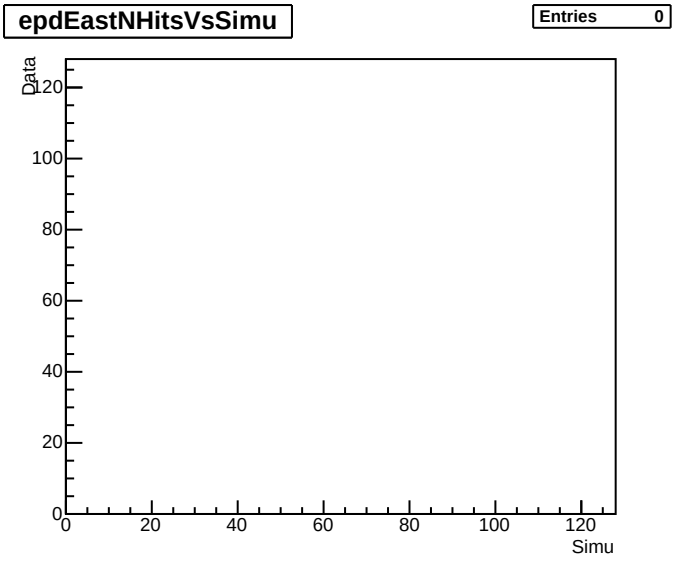

epdEastTac03
Entries 749148


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 749148


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 749148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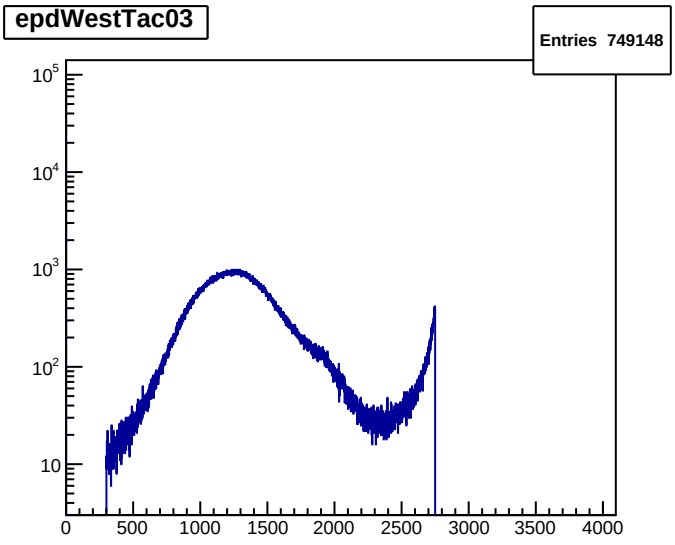
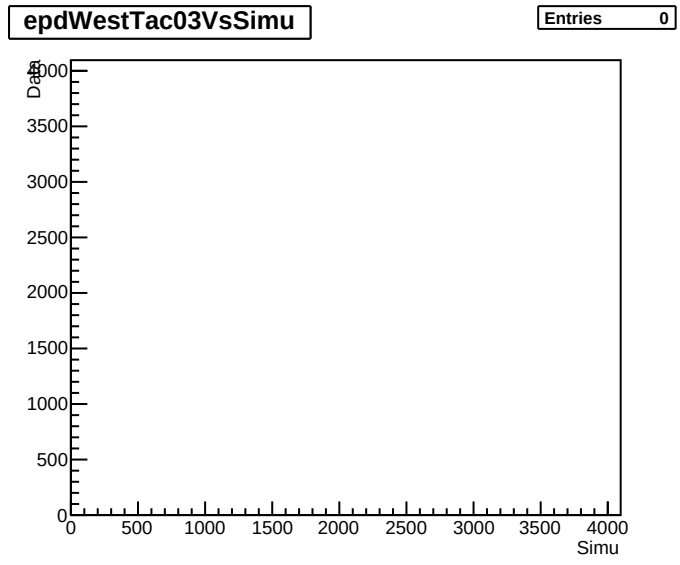
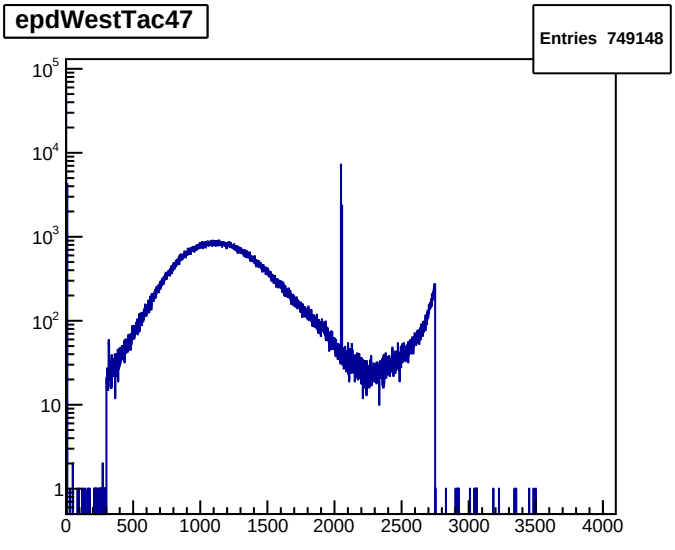
Entries 0
Data
Simu


epdWestTac03
Entries 749148


epdWestTac03VsSimu
Entries 0
Data
Simu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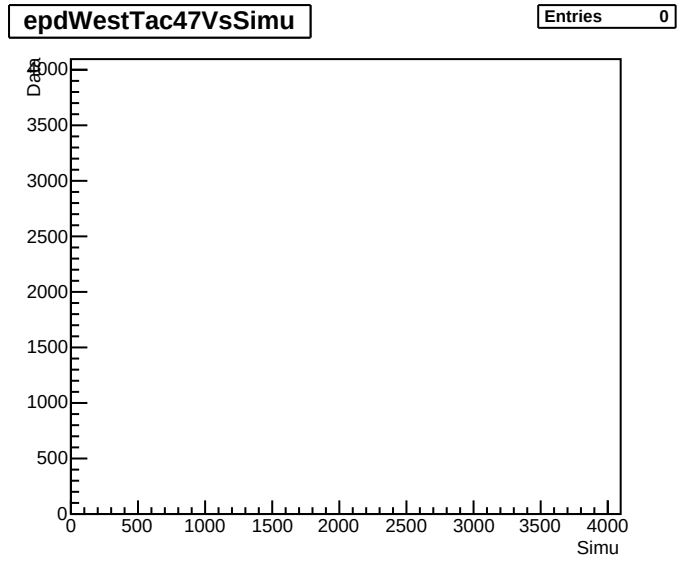
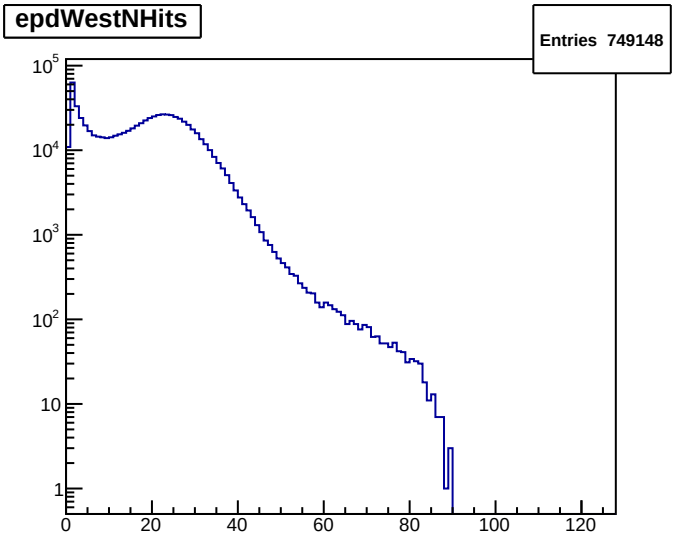
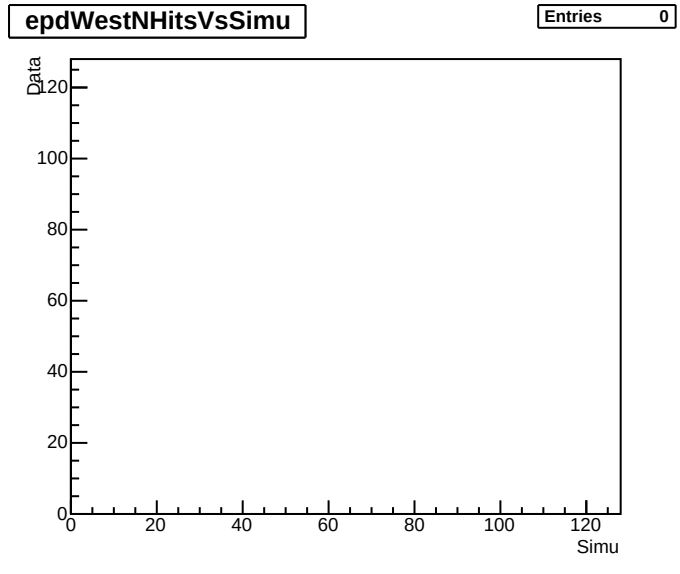
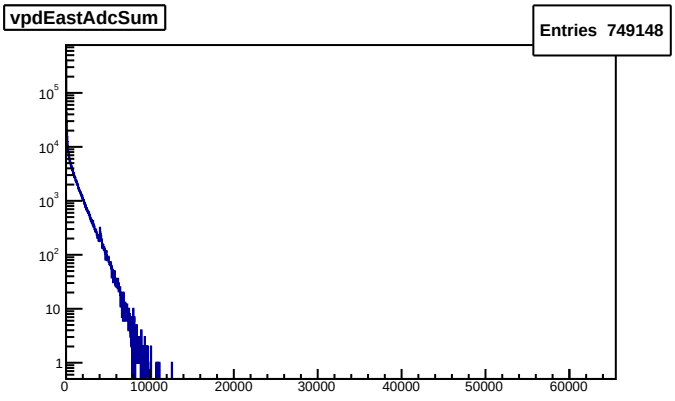
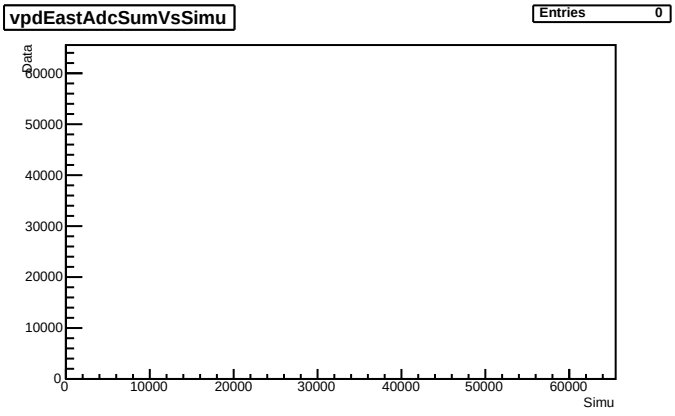
Entries 749148

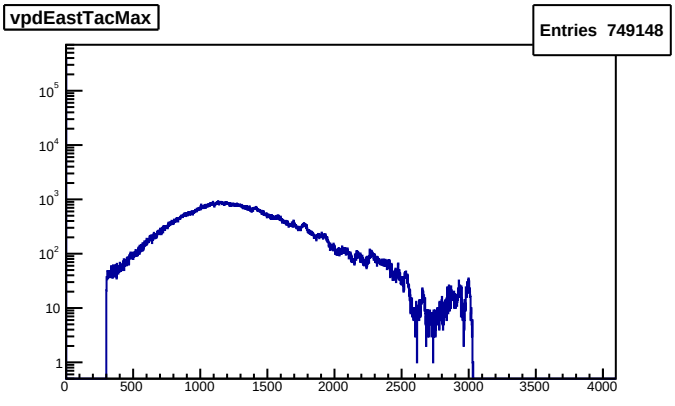

epdWestTac47VsSimu
Entries 0
Data
Simu

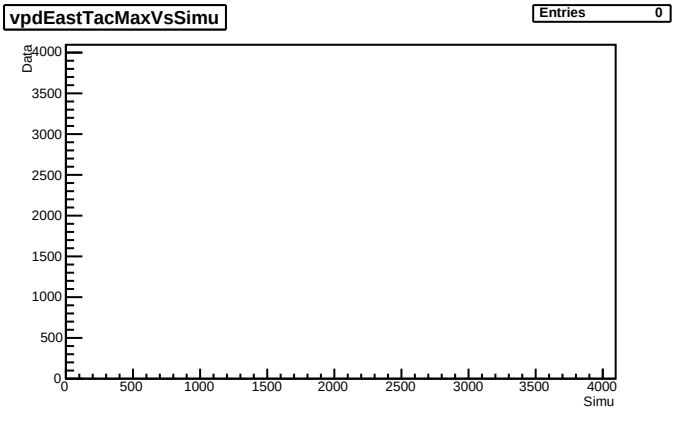

epdWestNHits
Entries 749148


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 749148


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 749148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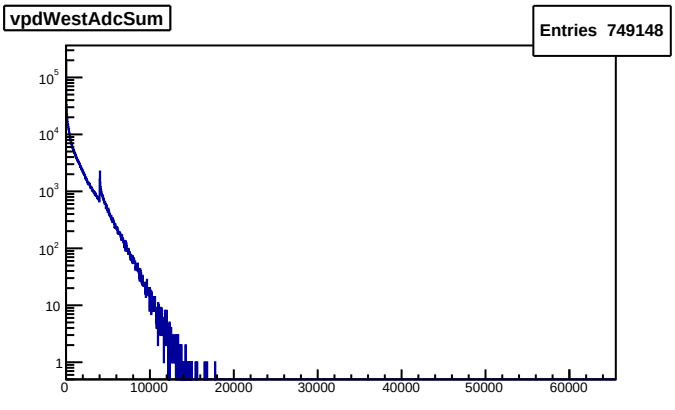
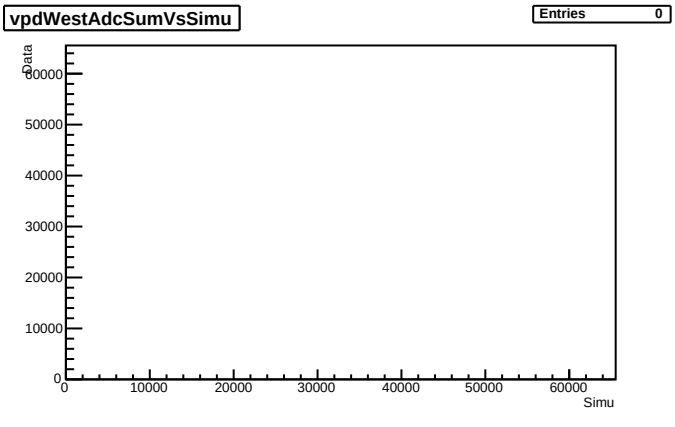
Entries 0
Data
Simu


vpdWestAdcSum
Entries 749148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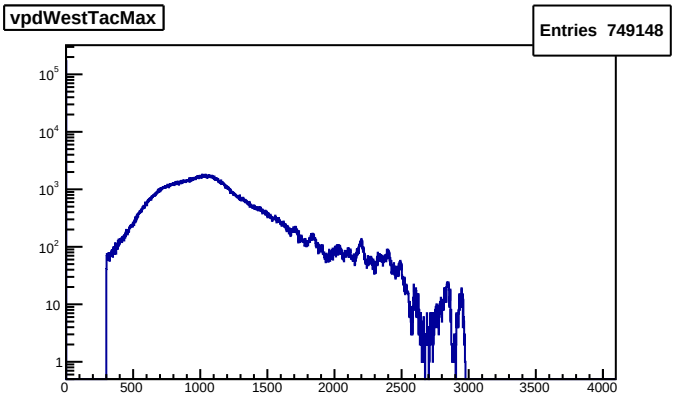
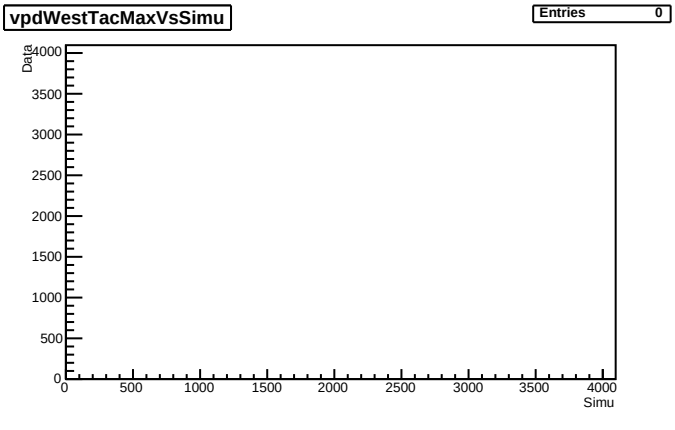
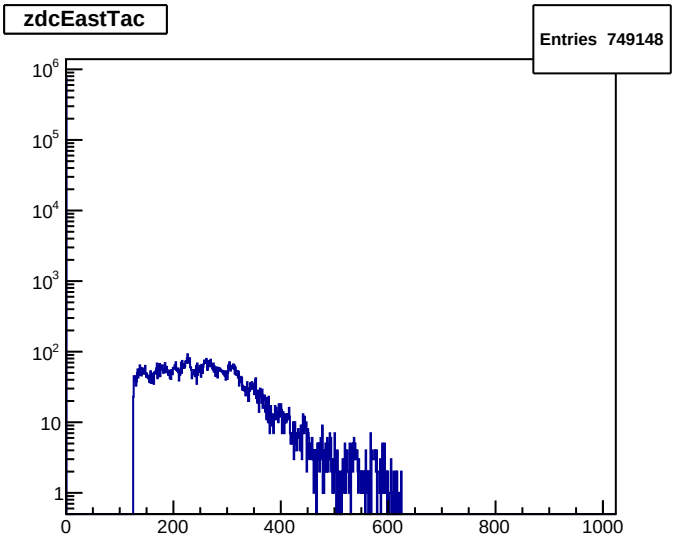
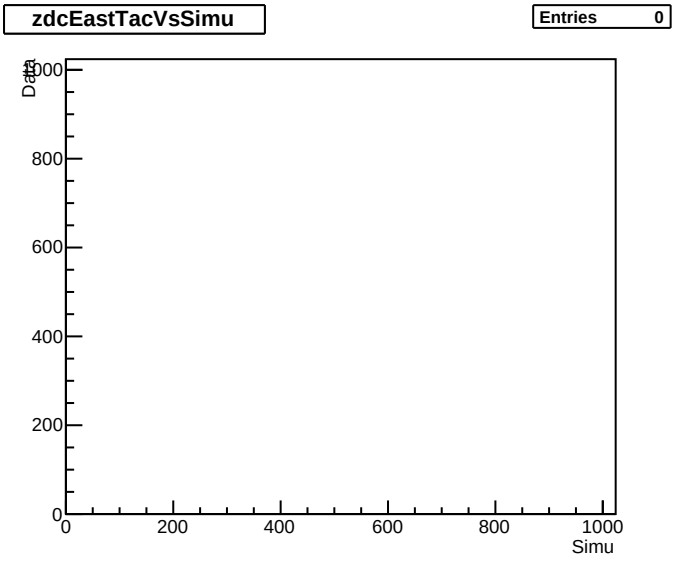
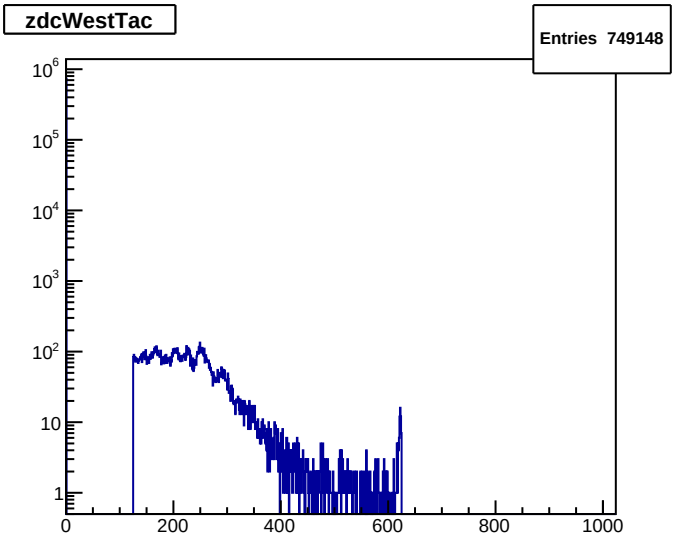
Entries 0
Data
Simu

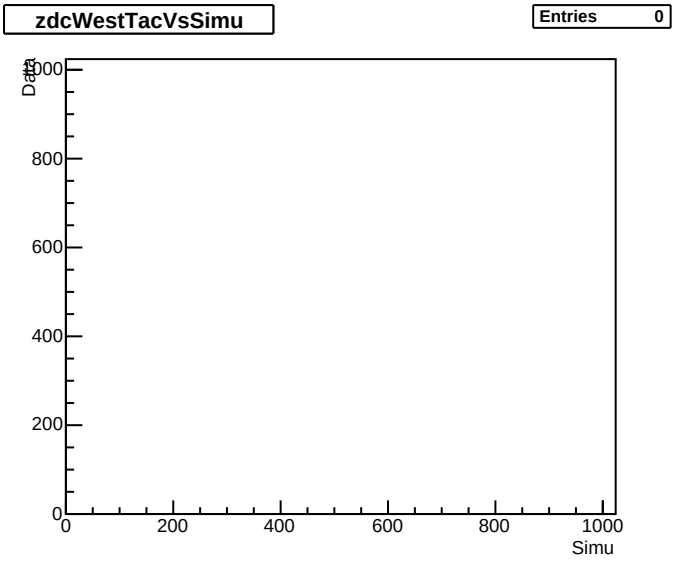

vpdWestTacMax
Entries 749148

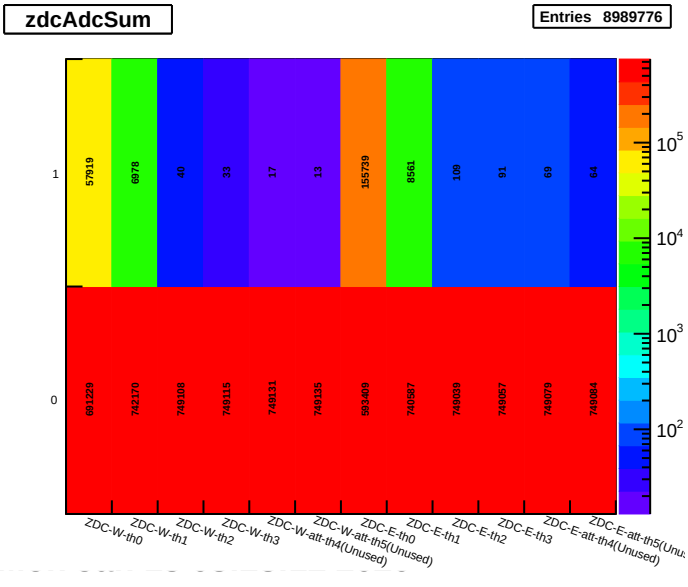

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

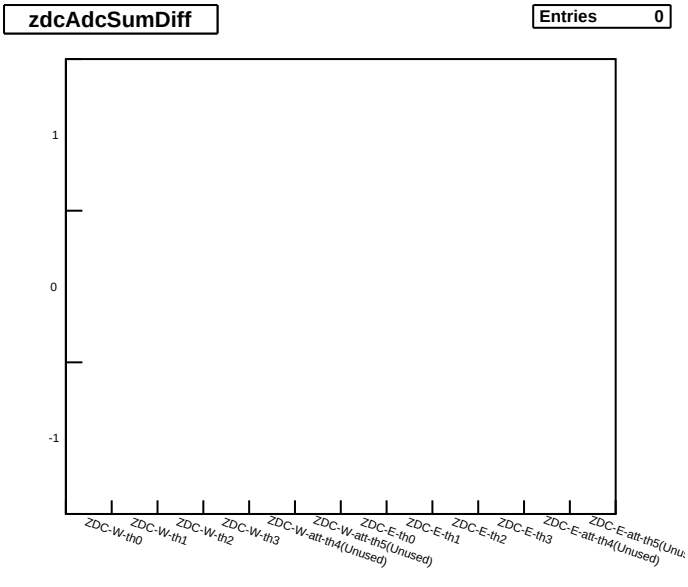

zdcEastTac
Entries 749148

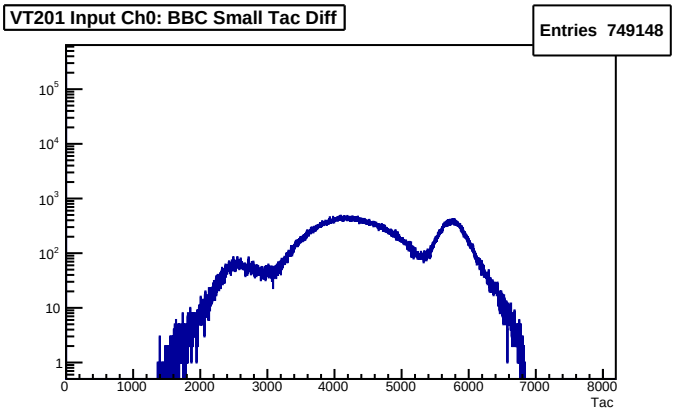

zdcEastTacVsSimu
Entries 0
Data
Simu

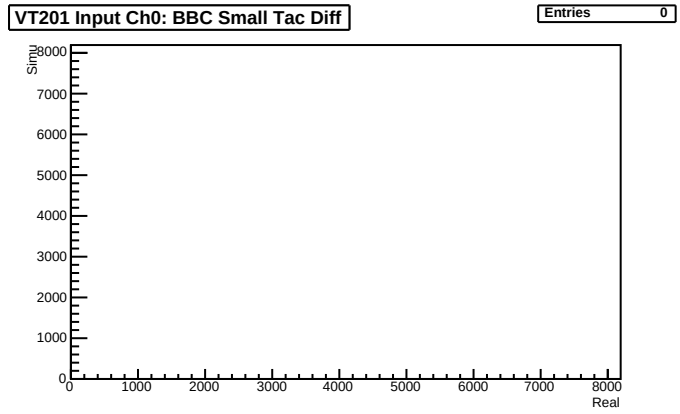

zdcWestTac
Entries 749148

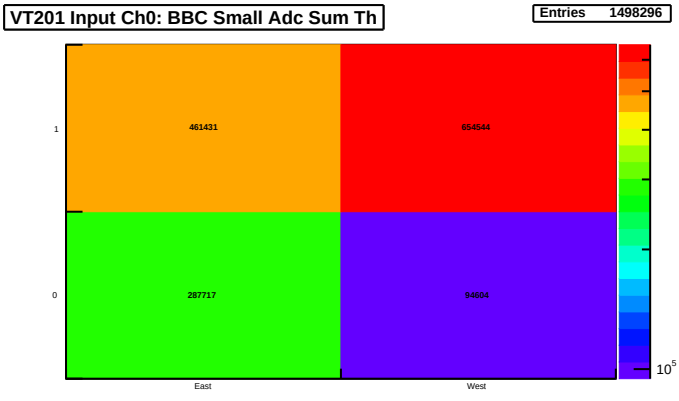

zdcWestTacVsSimu
Entries 0
Data
Simu

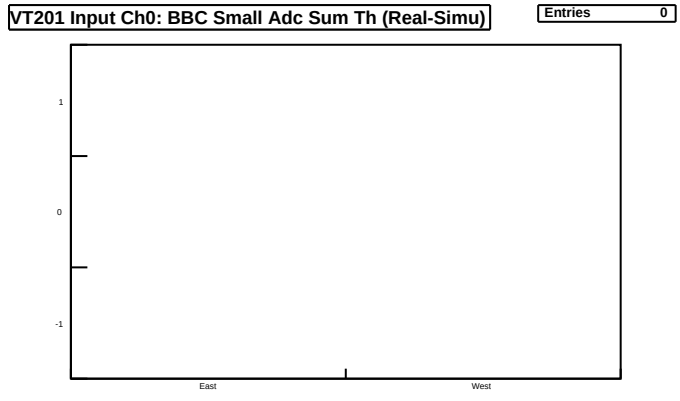

zdcAdcSum
Entries 8989776
57919
6878
40
33
17
13
155739
8561
109
91
69
64
691229
742170
749108
749115
749131
749135
593409
740587
749039
749057
749079
749084
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

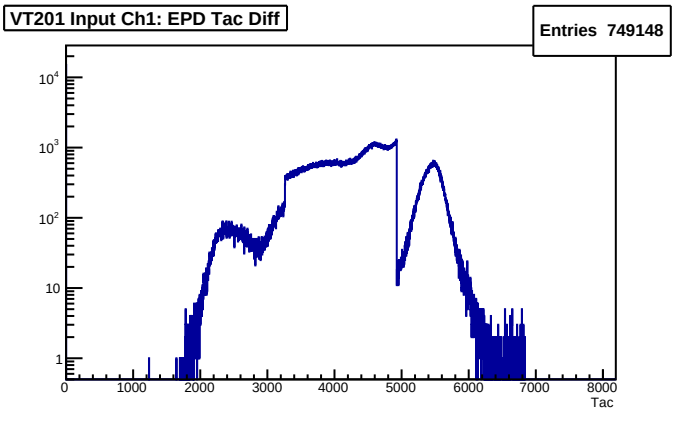

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

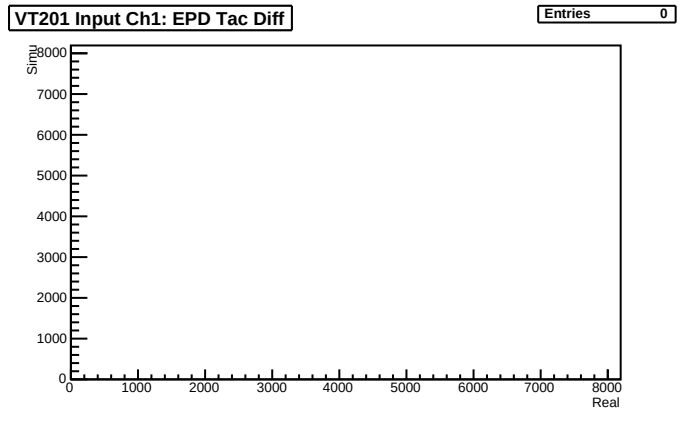

VT201 Input Ch0: BBC Small Tac Diff
Entries 749148
Tac

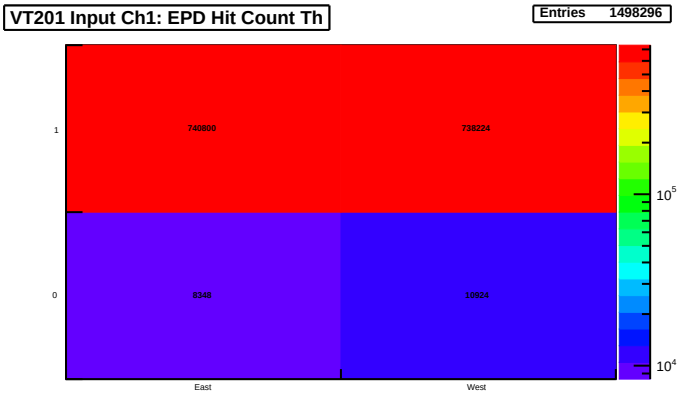

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

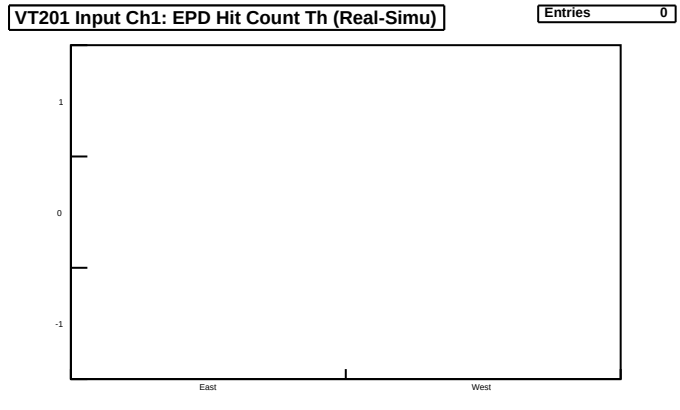

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1498296
461431
654544
287717
94604
East
West

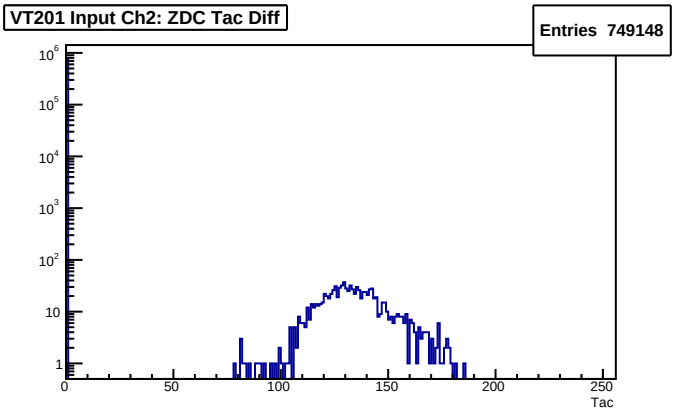

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

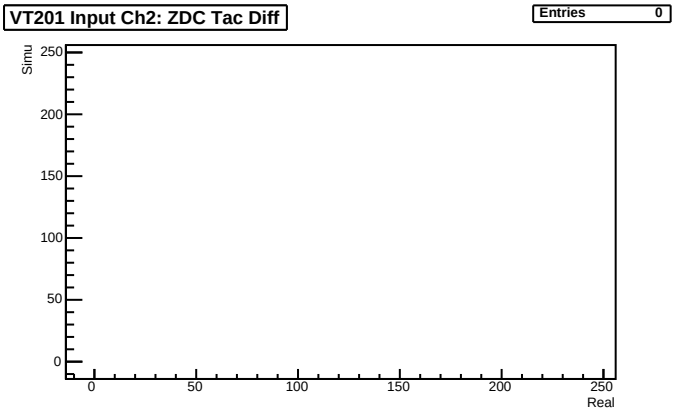

VT201 Input Ch1: EPD Tac Diff
Entries 749148
Tac

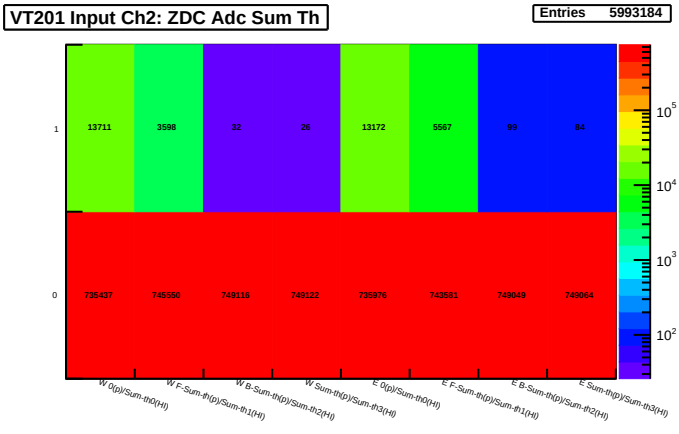

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

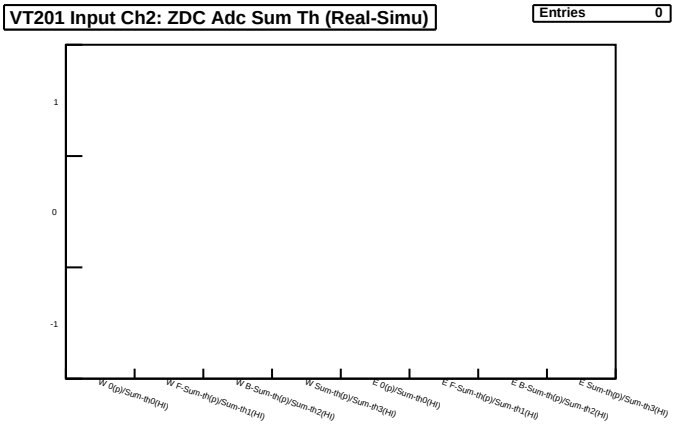

VT201 Input Ch1: EPD Hit Count Th
Entries 1498296
740800
738224
8348
10924
East
West

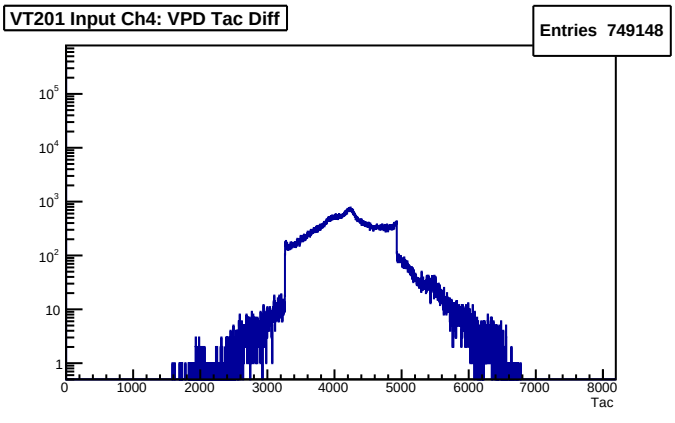

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

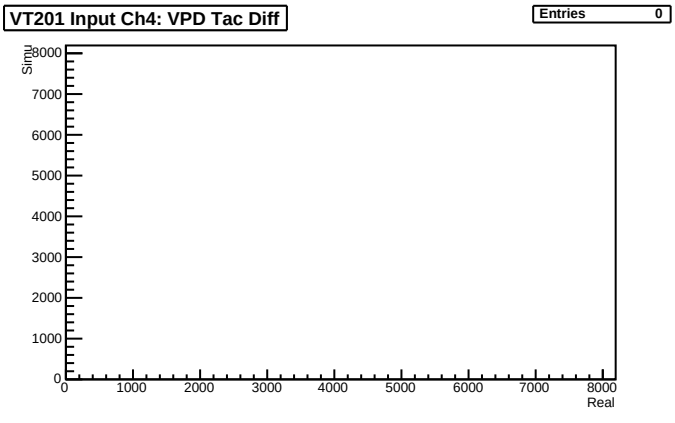

VT201 Input Ch2: ZDC Tac Diff
Entries 749148
Tac

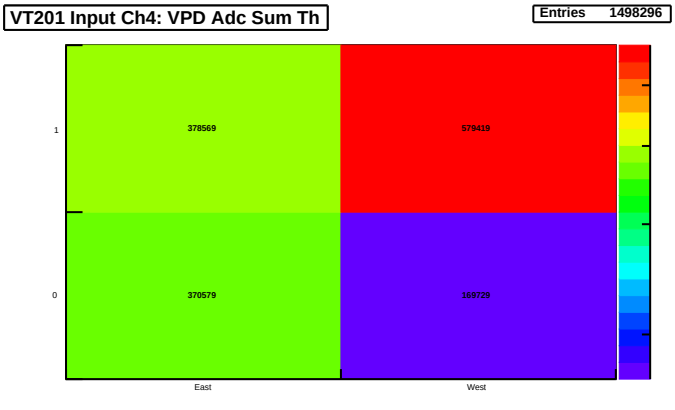

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

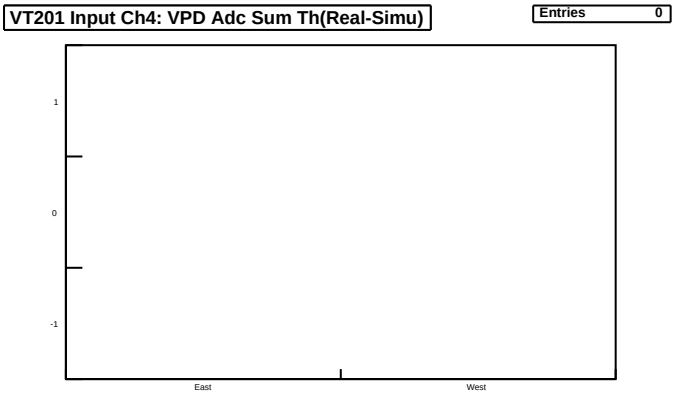

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5993184
13711
3598
32
26
13172
5567
99
84
735437
745550
749116
749122
735976
743581
749049
749064
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

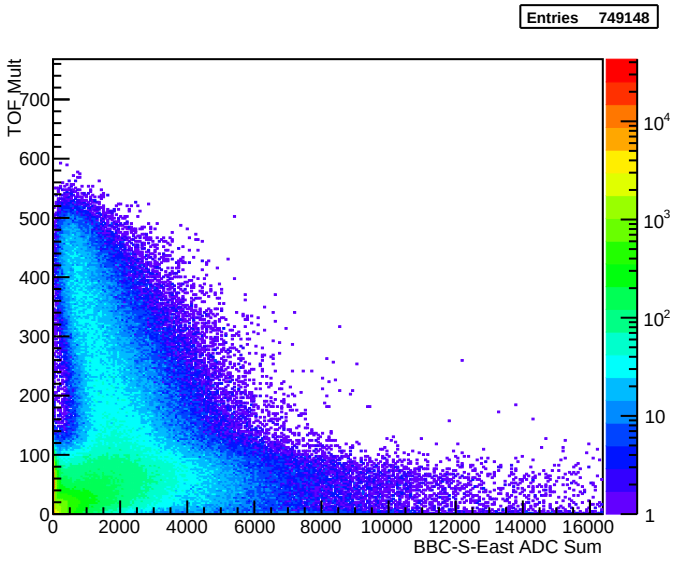

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

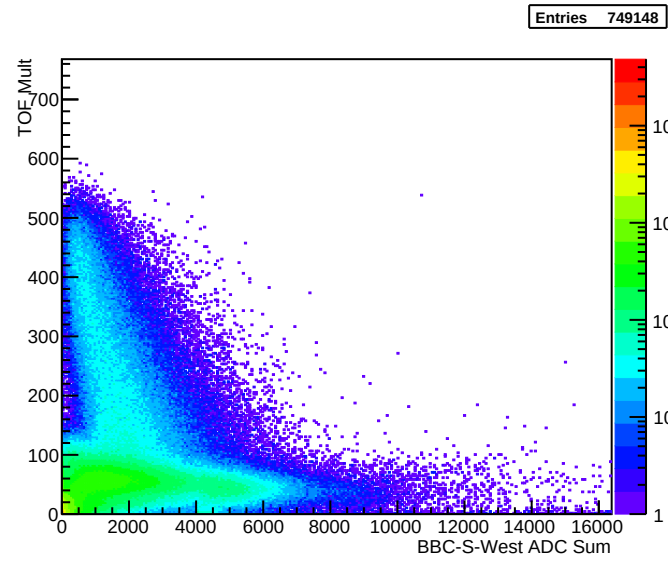

VT201 Input Ch4: VPD Tac Diff
Entries 749148
Tac

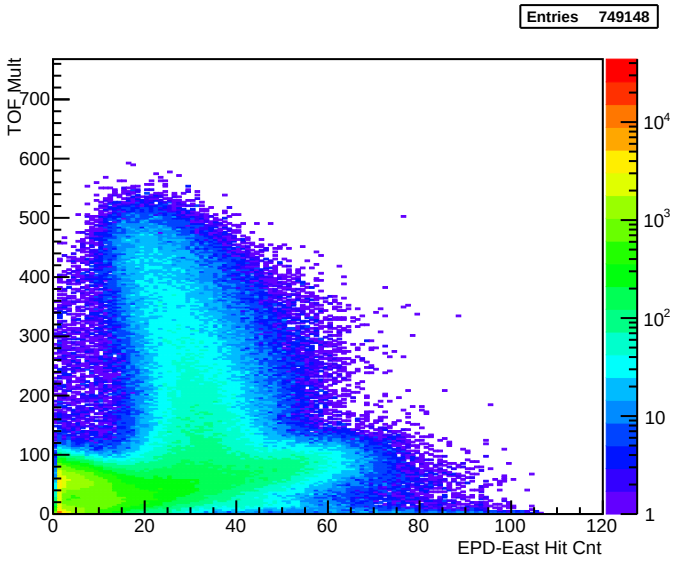

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

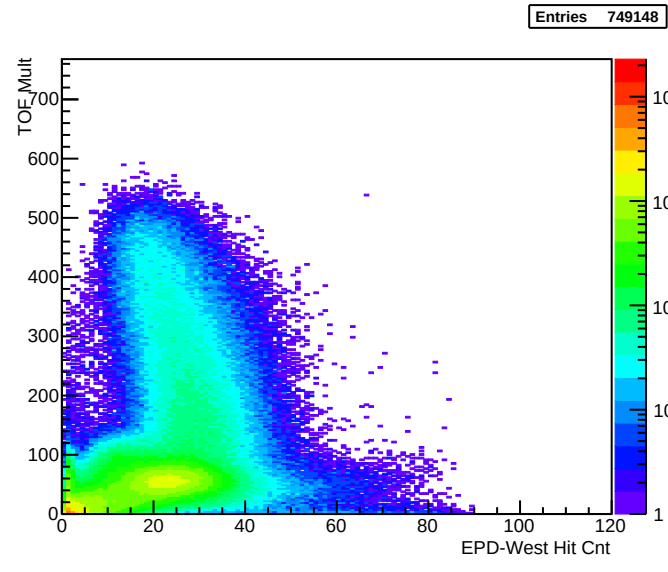

VT201 Input Ch4: VPD Adc Sum Th
Entries 1498296
378569
579419
370579
169729
East
West

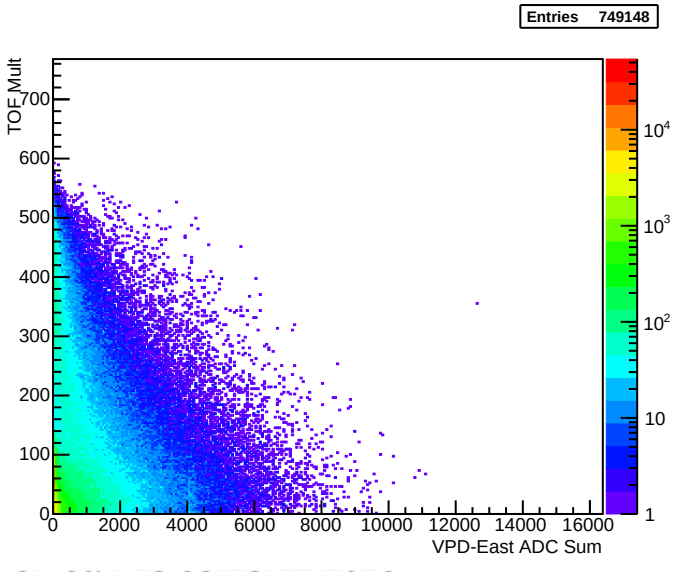

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

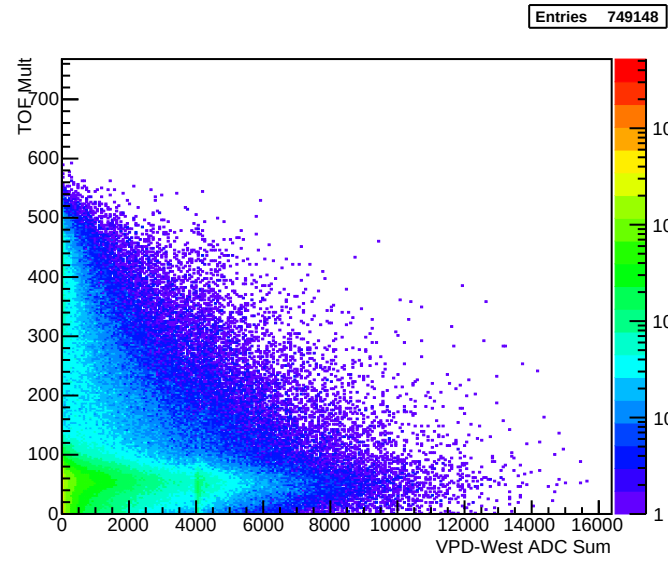

Entries 749148
TOF_Mult
BBC-S-East ADC Sum

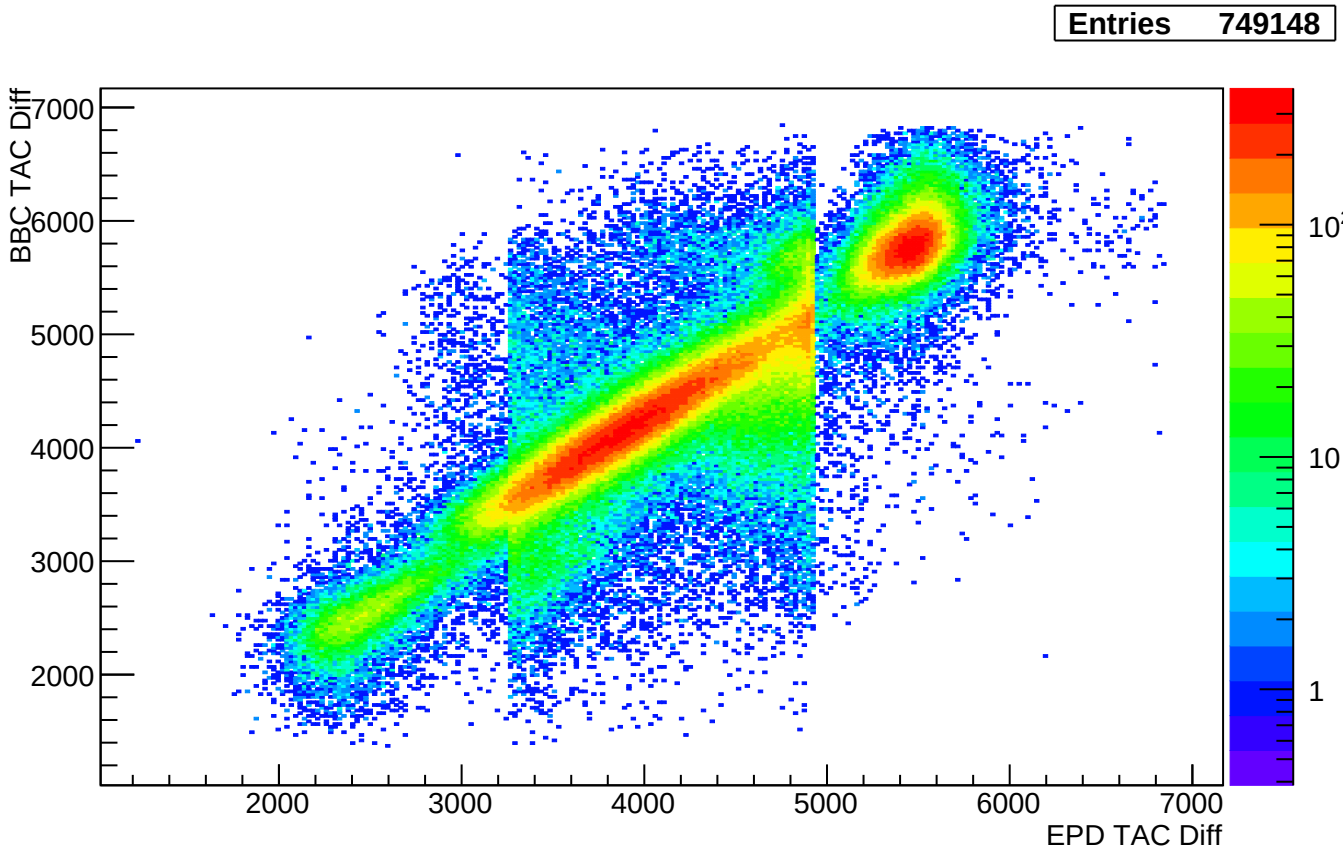

Entries 749148
TOF_Mult
BBC-S-West ADC Sum

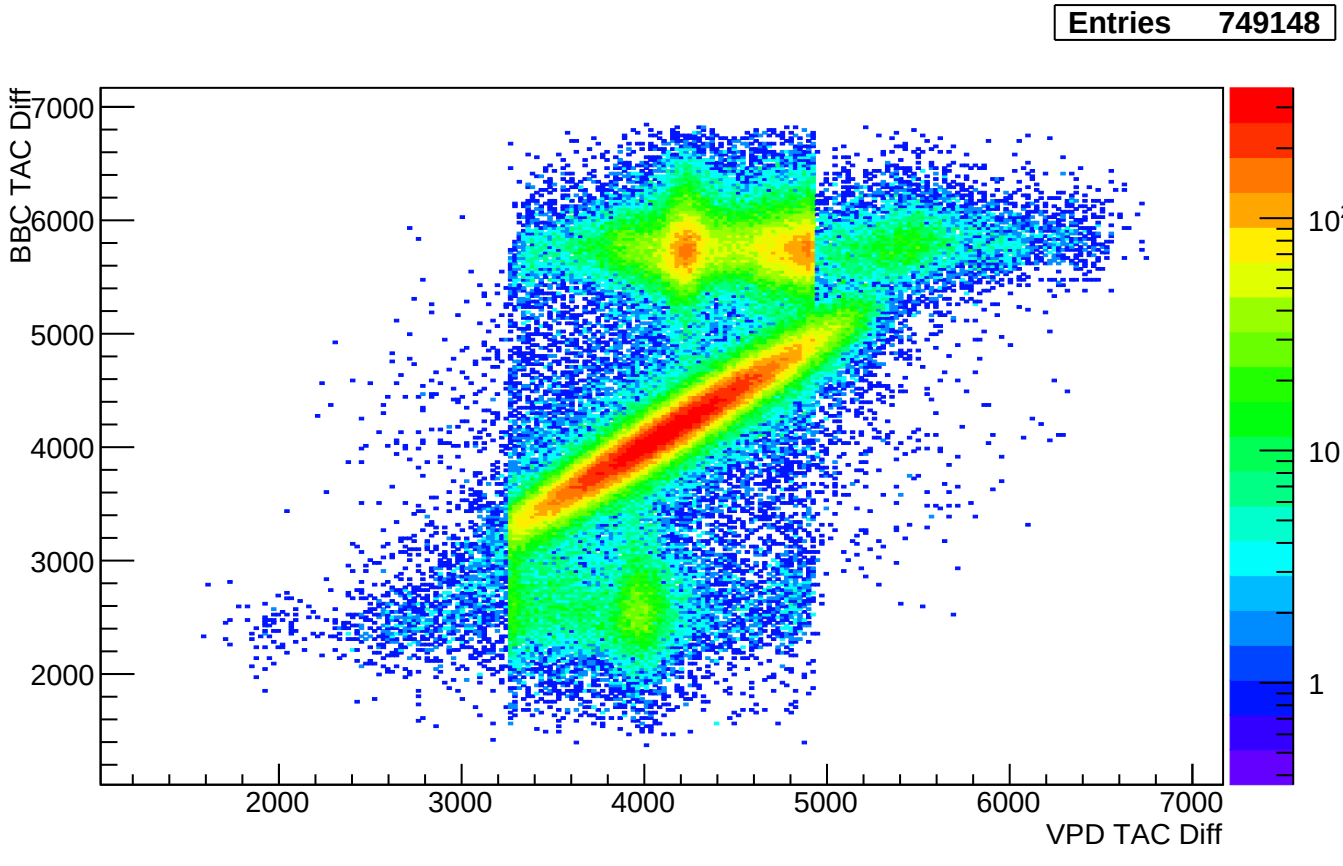

Entries 749148
TOF_Mult
EPD-East Hit Cnt

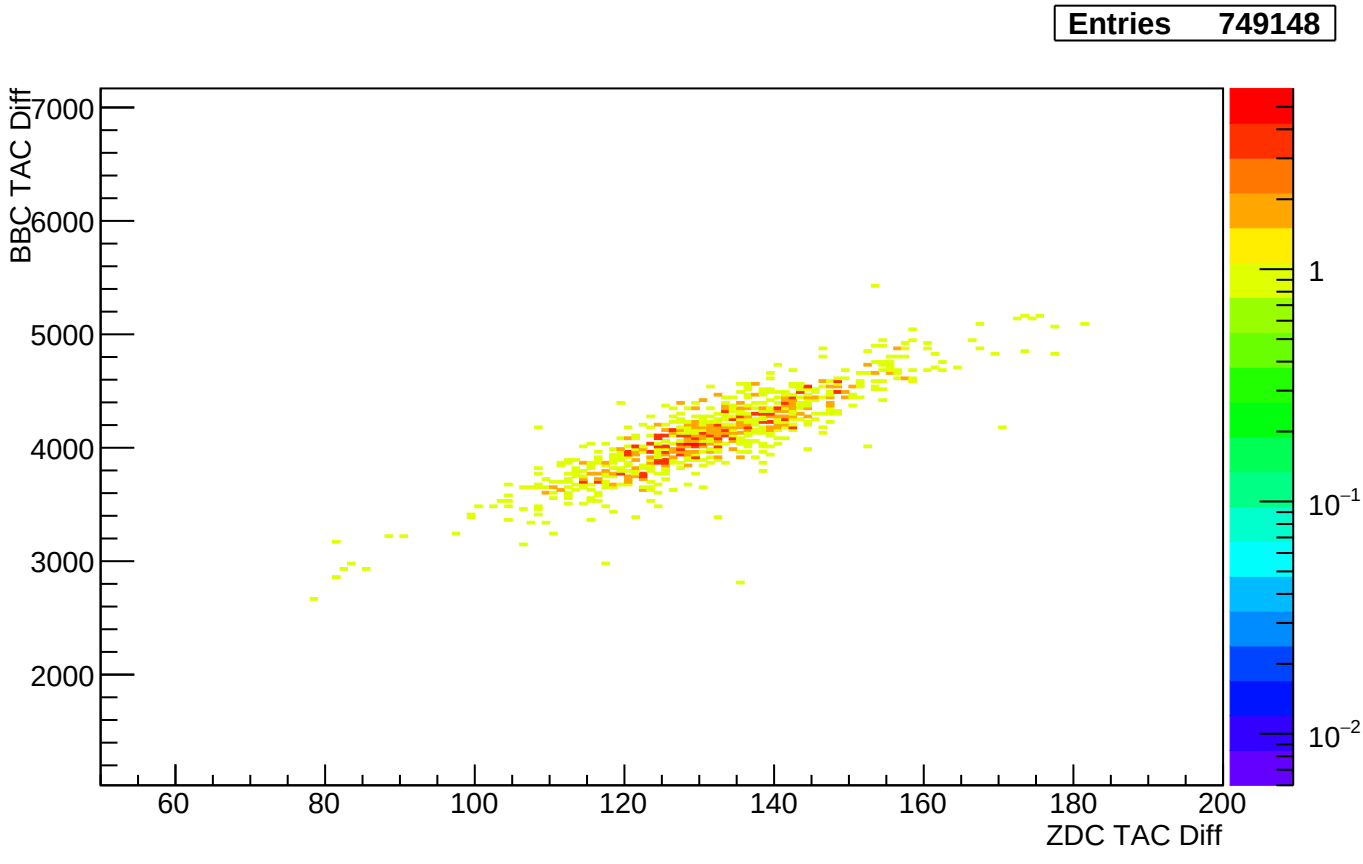

Entries 749148
TOF_Mult
EPD-West Hit Cnt

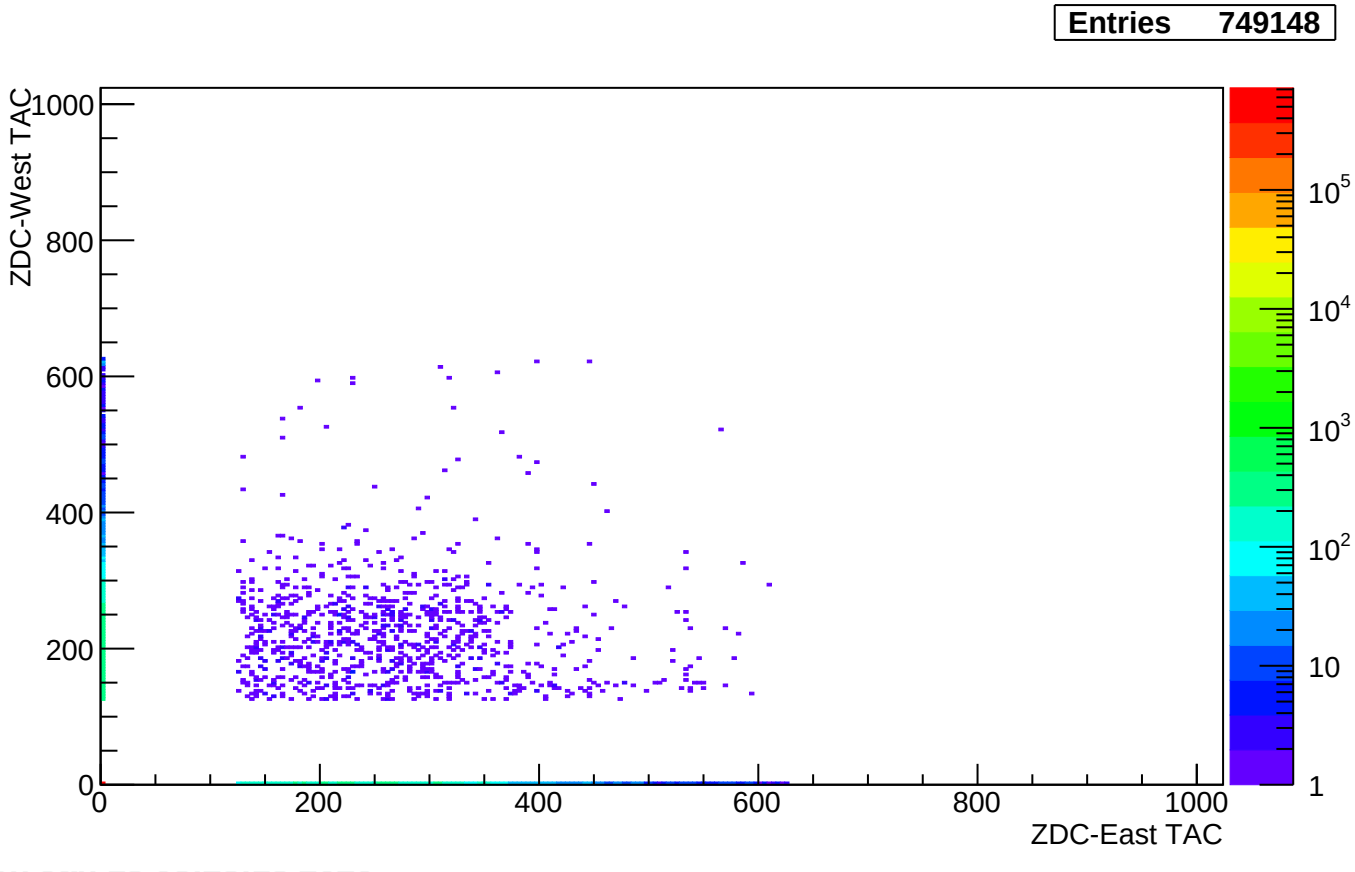

Entries 749148
TOF_Mult
VPD-East ADC Sum

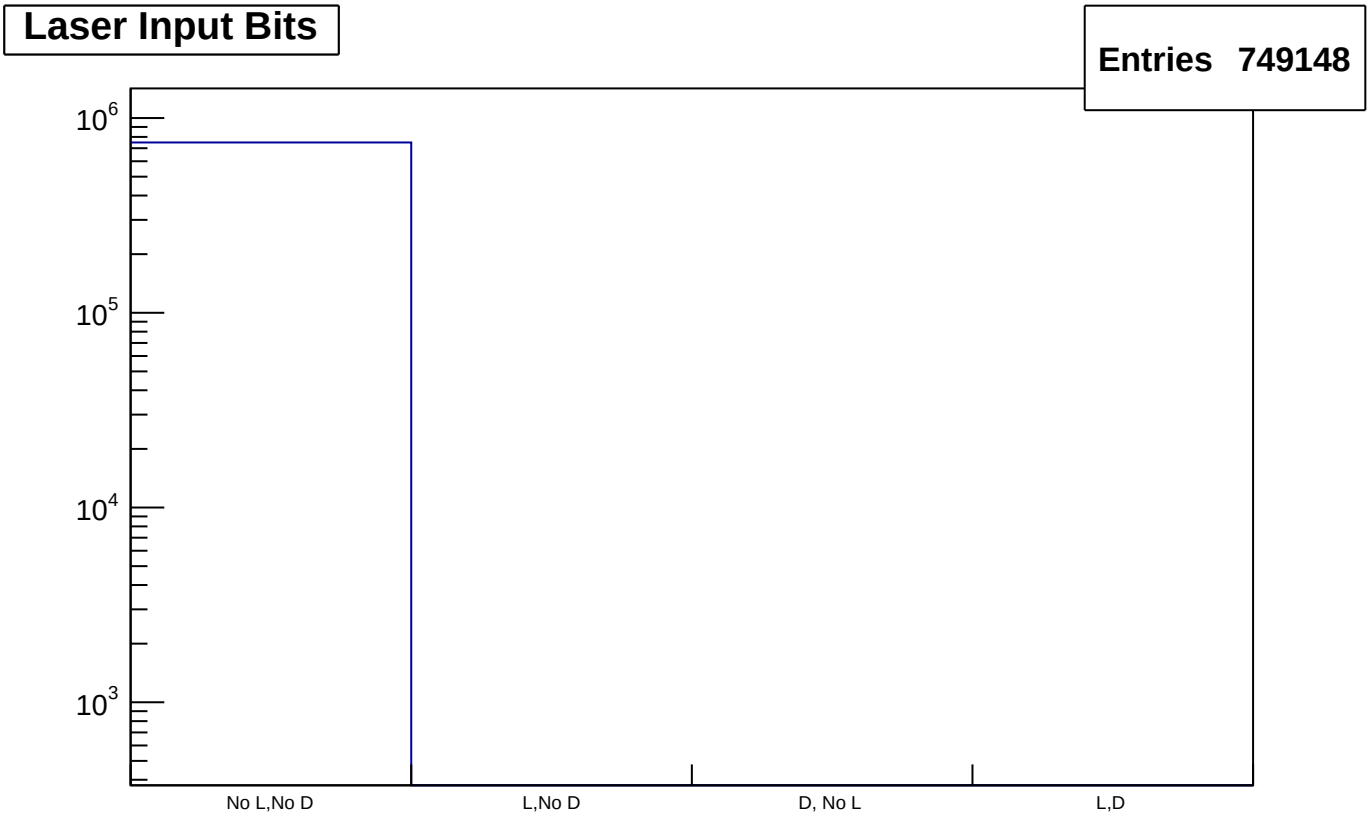

Entries 749148
TOF_Mult
VPD-West ADC Sum

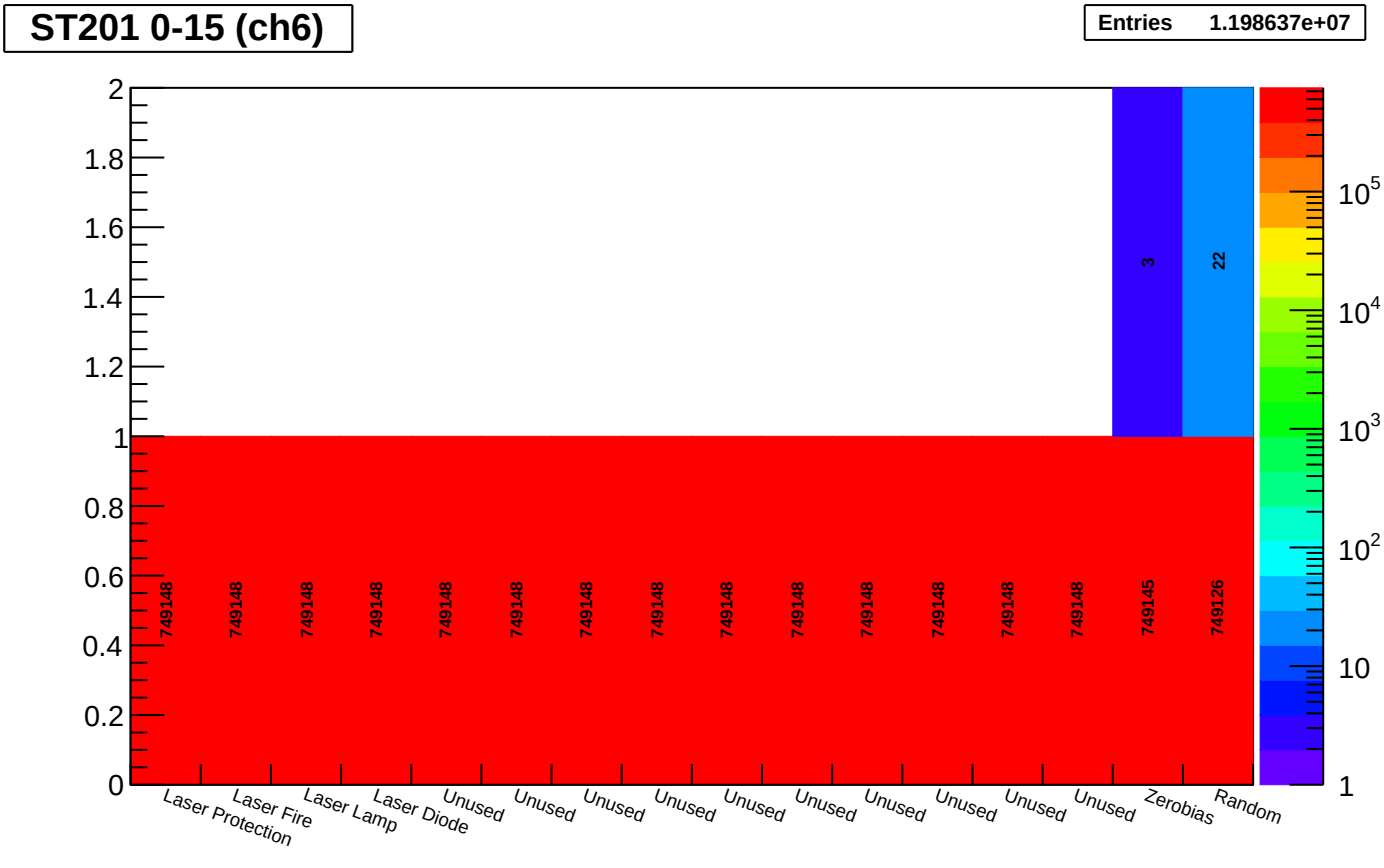

Entries 749148
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

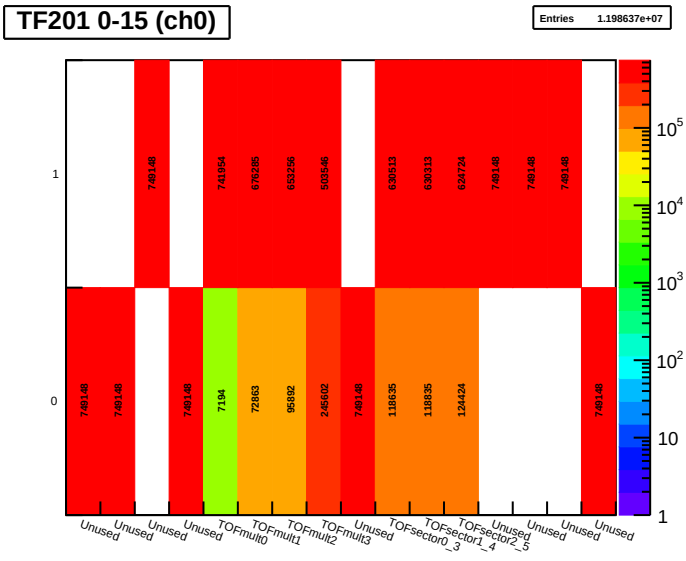

Entries 749148
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

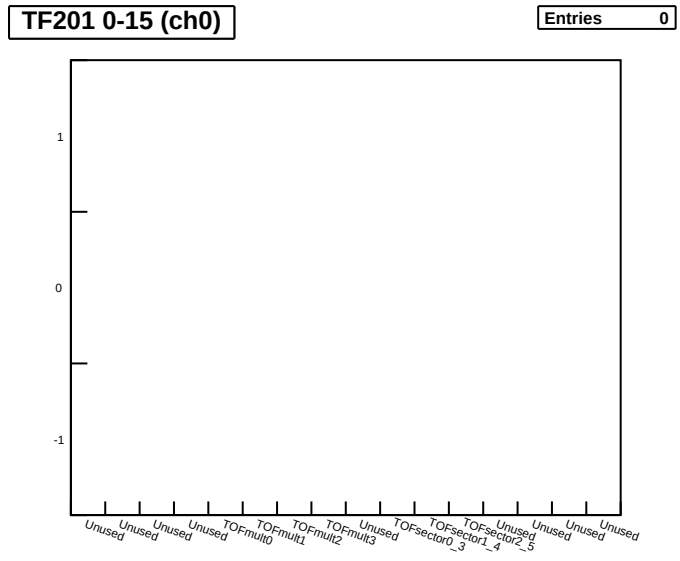

Entries 749148
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

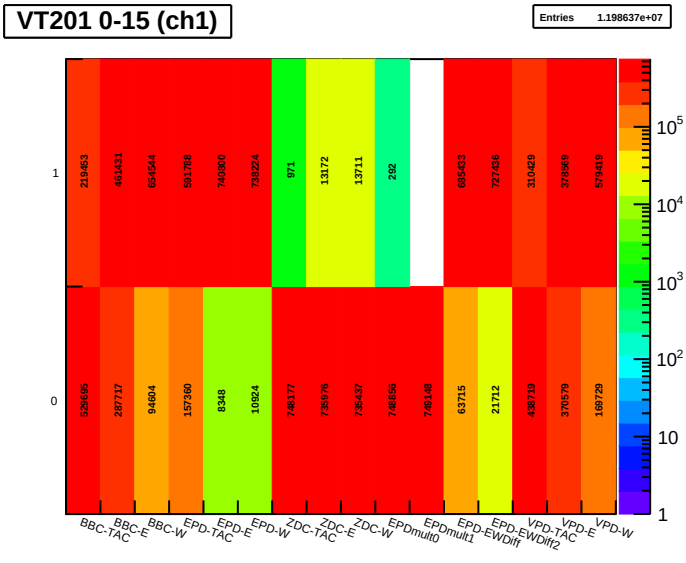

Entries 749148
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

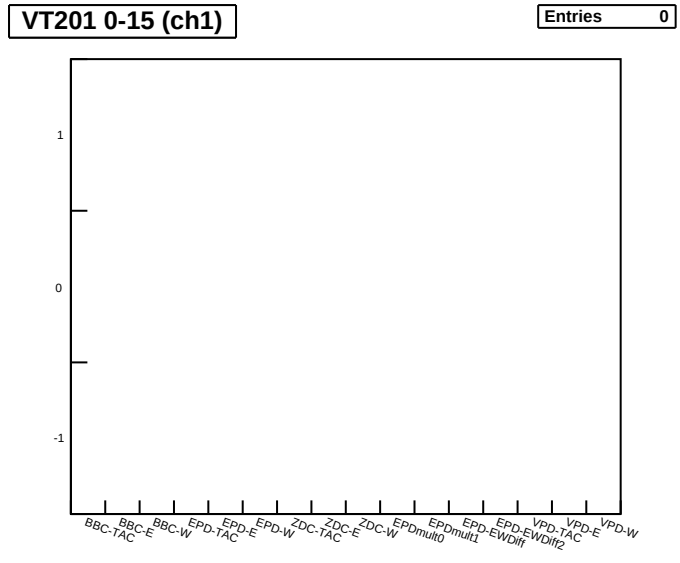

Laser Input Bits
Entries 749148
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

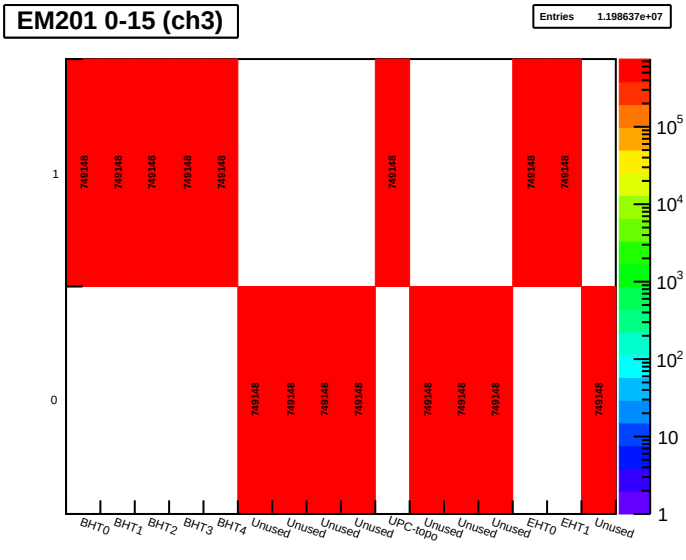

ST201 0-15 (ch6)
Entries 1.198637e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
749148
749148
749148
749148
749148
749148
749148
749148
749148
749148
749148
749148
749148
749148
749145
749126
3
22
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

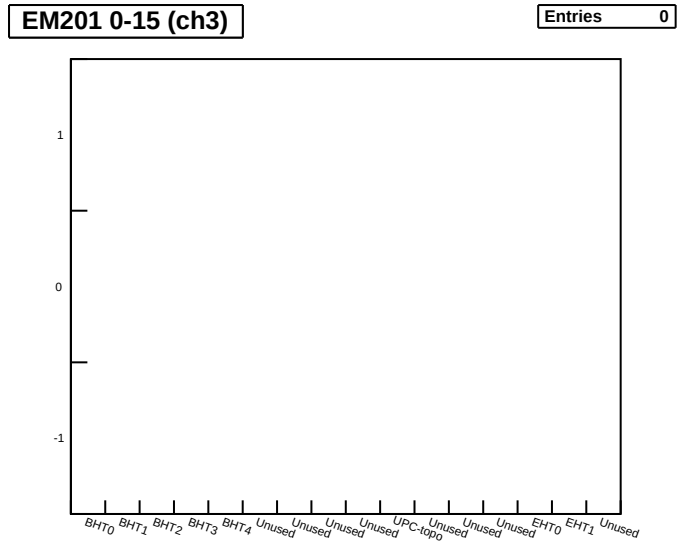

TF201 0-15 (ch0)
Entries 1.198637e+07
1
0
749148 741954 676285 653256 503546 630513 630313 624724 749148 749148 749148
749148 749148 749148 7194 72863 95892 245602 749148 118635 118835 124424 749148
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 1.198637e+07
1
0
219453 461431 654544 591788 740800 738224 971 13172 13711 292 685433 727436 310429 378569 579419
529695 287717 94604 157360 8348 10924 748177 739976 735437 748856 749148 63715 21712 438719 370579 169729
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 1.198637e+07
1
0
749148 749148 749148 749148 749148 749148 749148 749148 749148
749148 749148 749148 749148 749148 749148 749148 749148
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