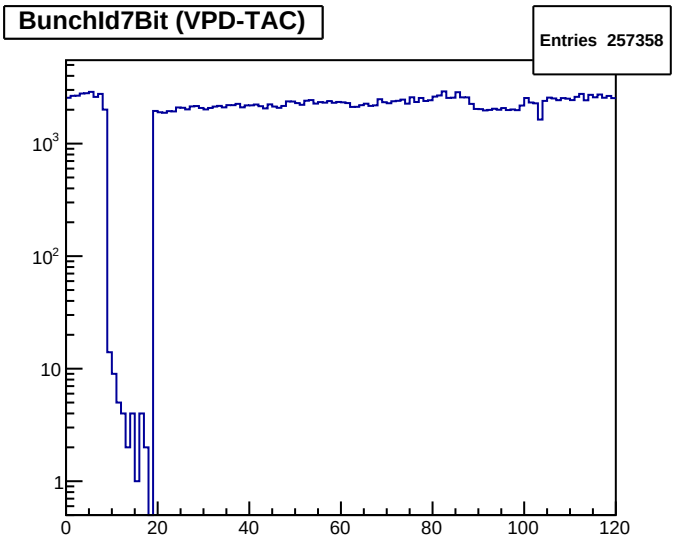
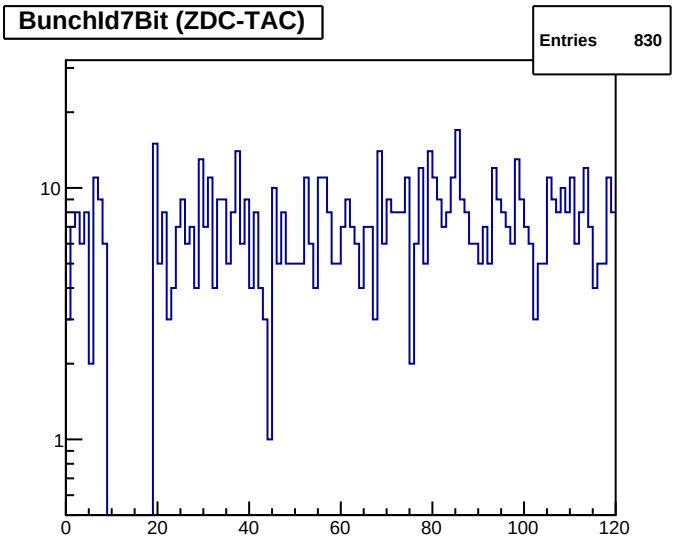
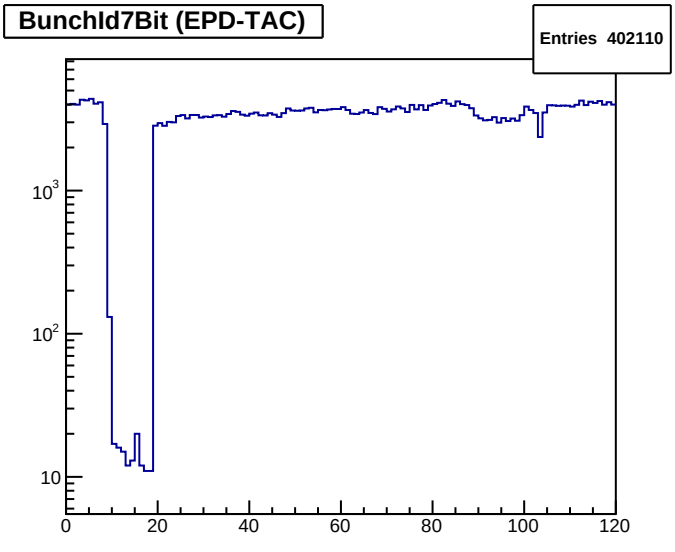
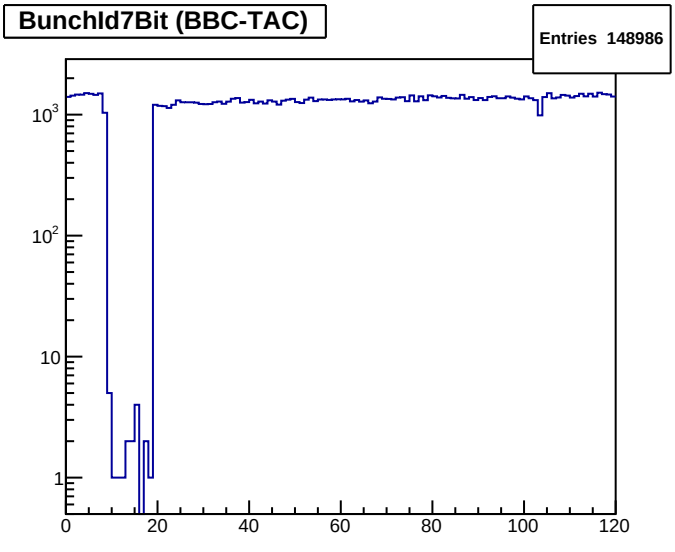
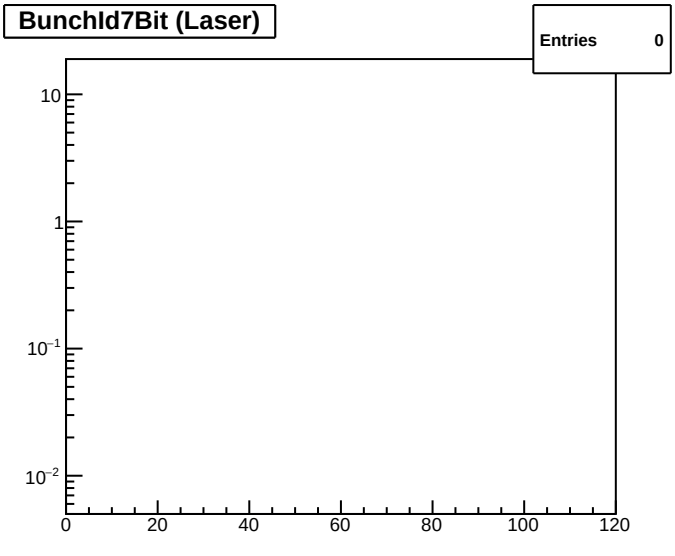
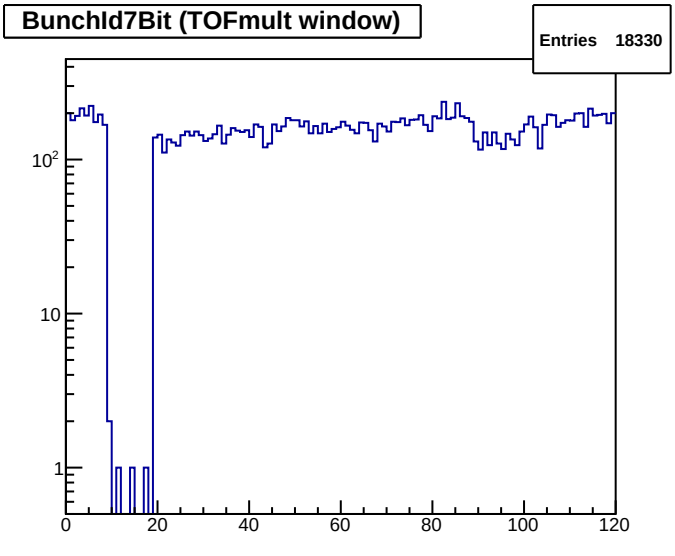

BunchId7Bit (VPD-TAC)
Entries 257358

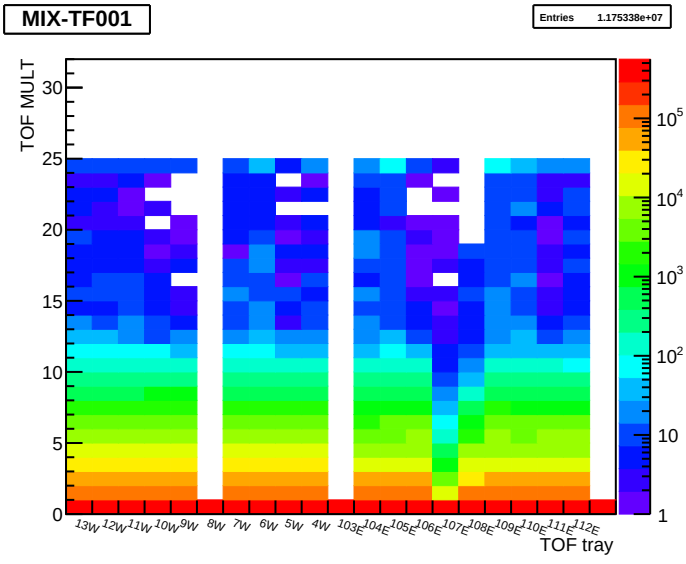

BunchId7Bit (ZDC-TAC)
Entries 830

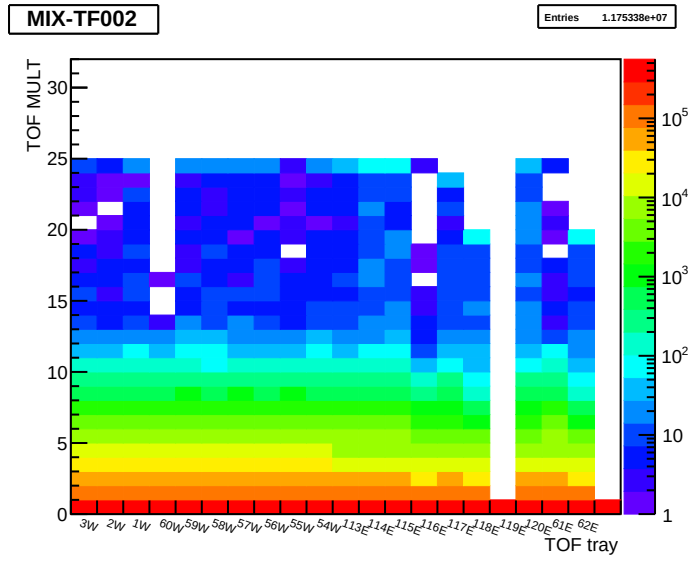

BunchId7Bit (EPD-TAC)
Entries 402110

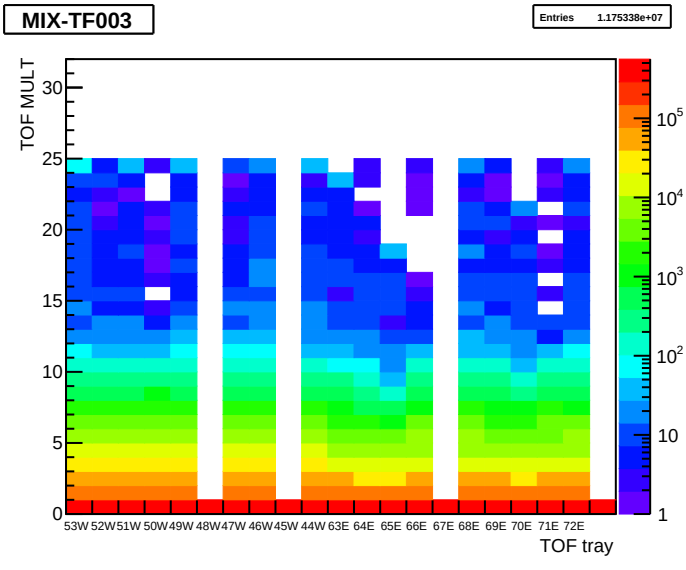

BunchId7Bit (BBC-TAC)
Entries 148986

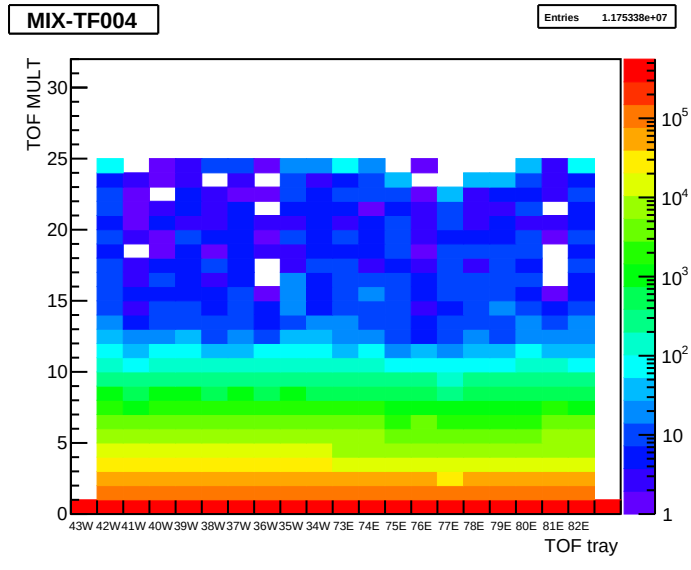

BunchId7Bit (Laser)
Entries 0

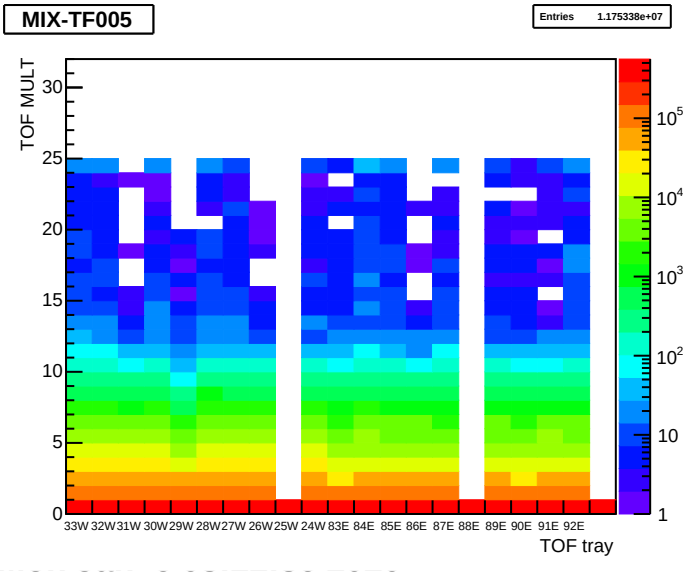

BunchId7Bit (TOFmult window)
Entries 18330

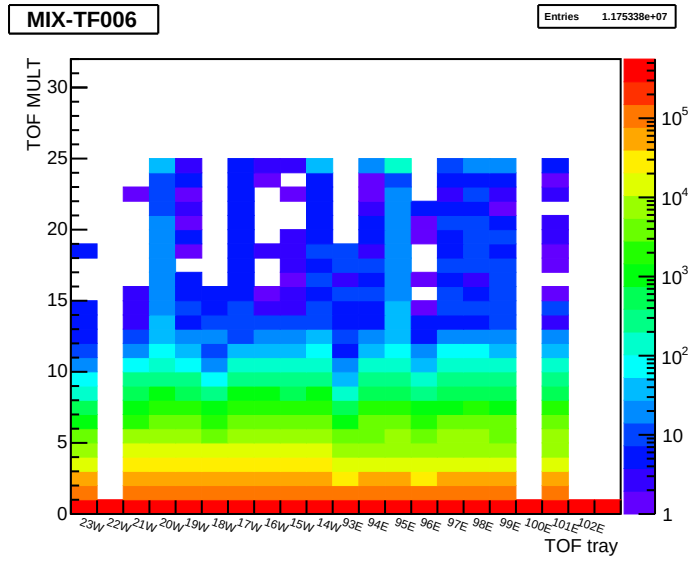

MIX-TF001
Entries 1.175338e+07
TOF MULT
TOF tray

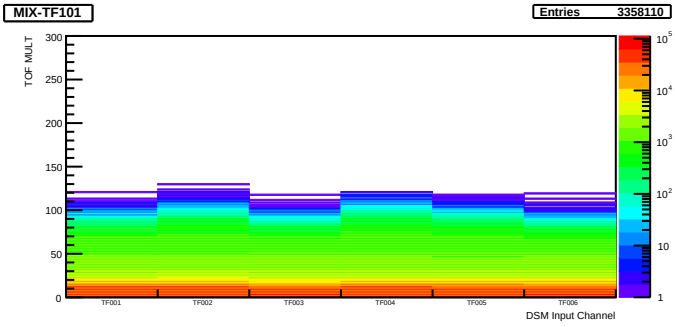

MIX-TF002
Entries 1.175338e+07
TOF MULT
TOF tray

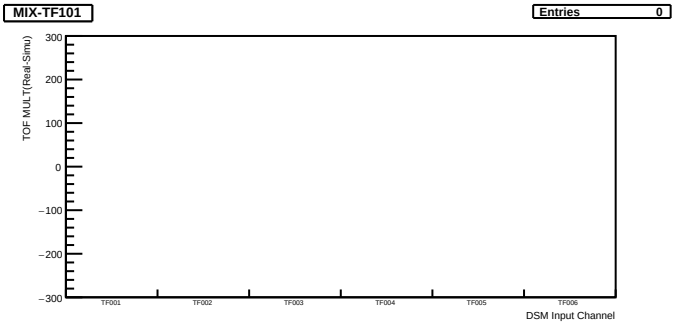

MIX-TF003
Entries 1.175338e+07
TOF MULT
TOF tray

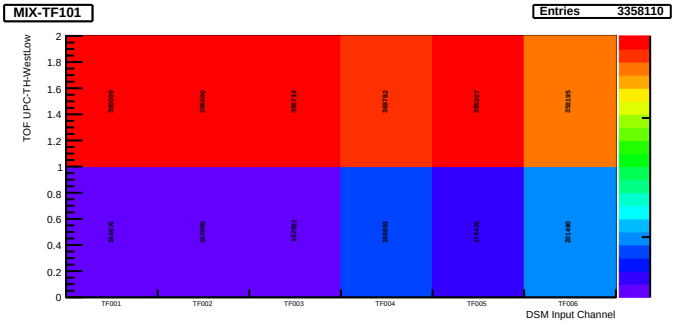

MIX-TF004
Entries 1.175338e+07
TOF MULT
TOF tray

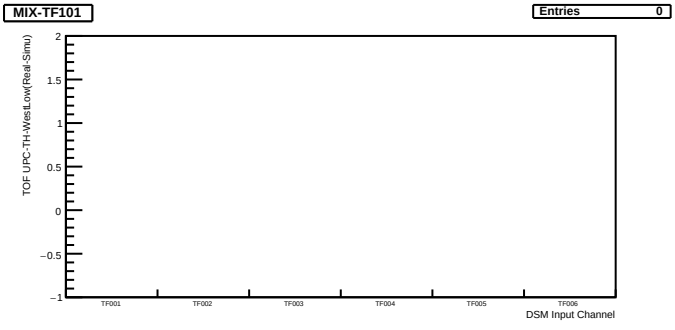

MIX-TF005
Entries 1.175338e+07
TOF MULT
TOF tray

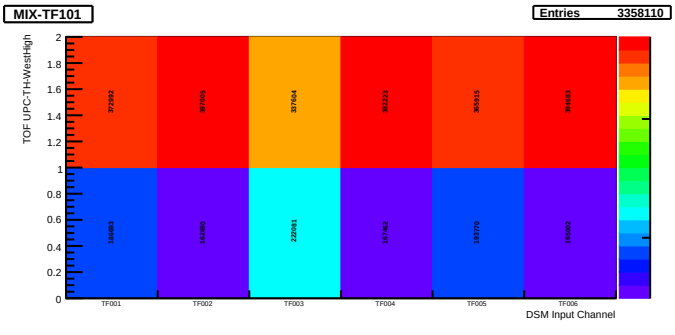

MIX-TF006
Entries 1.175338e+07
TOF MULT
TOF tray

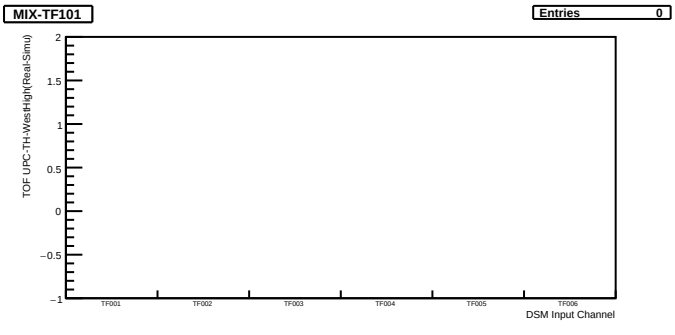

MIX-TF101
Entries 3358110
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

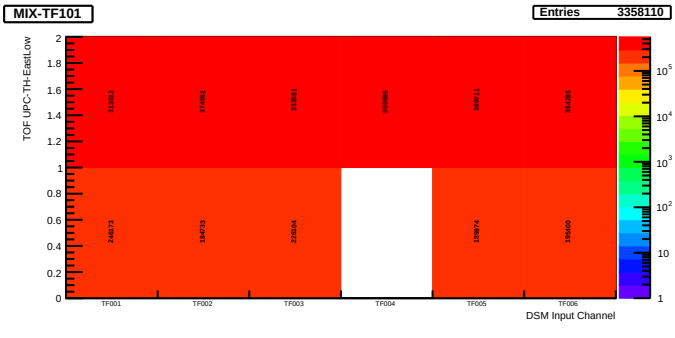

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

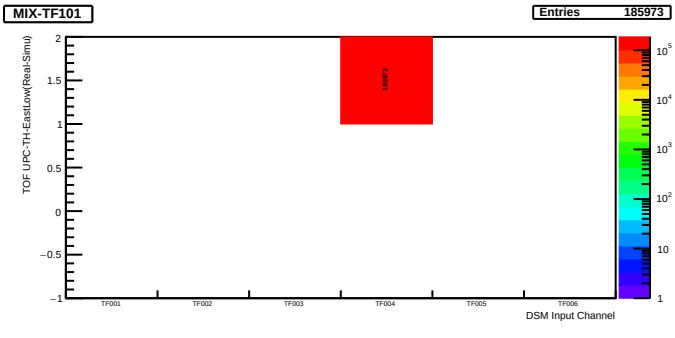

MIX-TF101
Entries 3358110
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

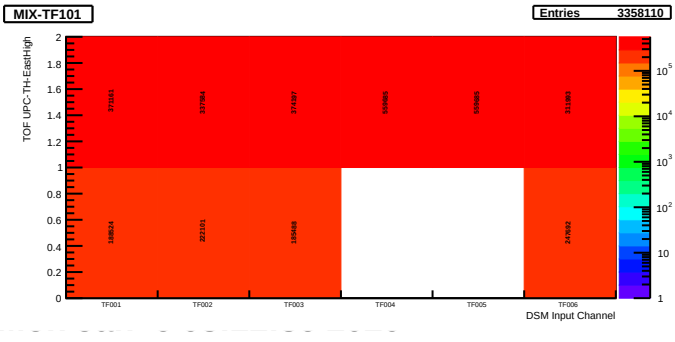

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

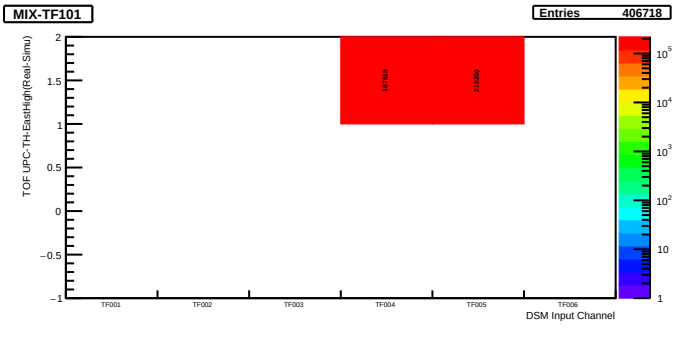

MIX-TF101
Entries 3358110
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

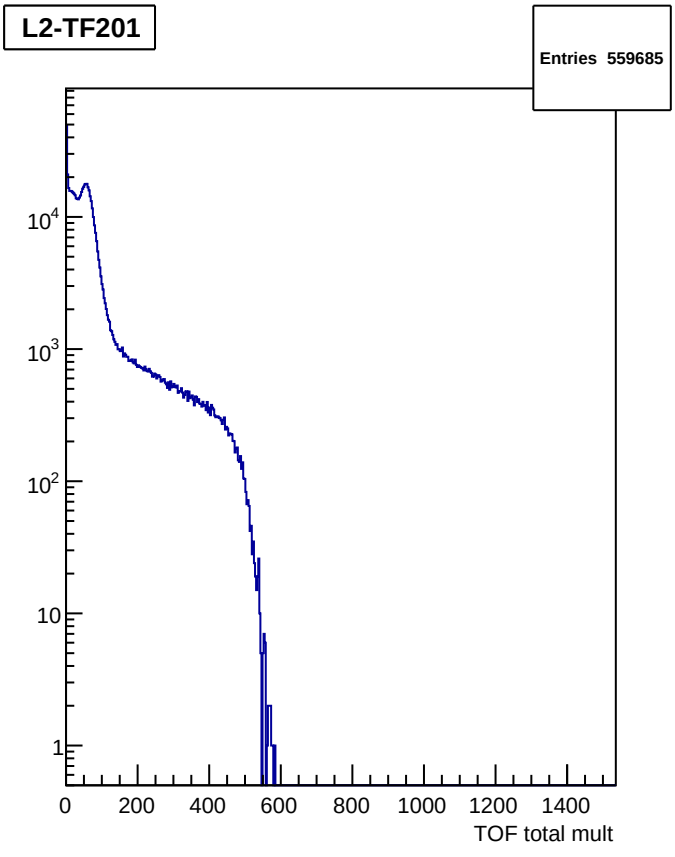

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

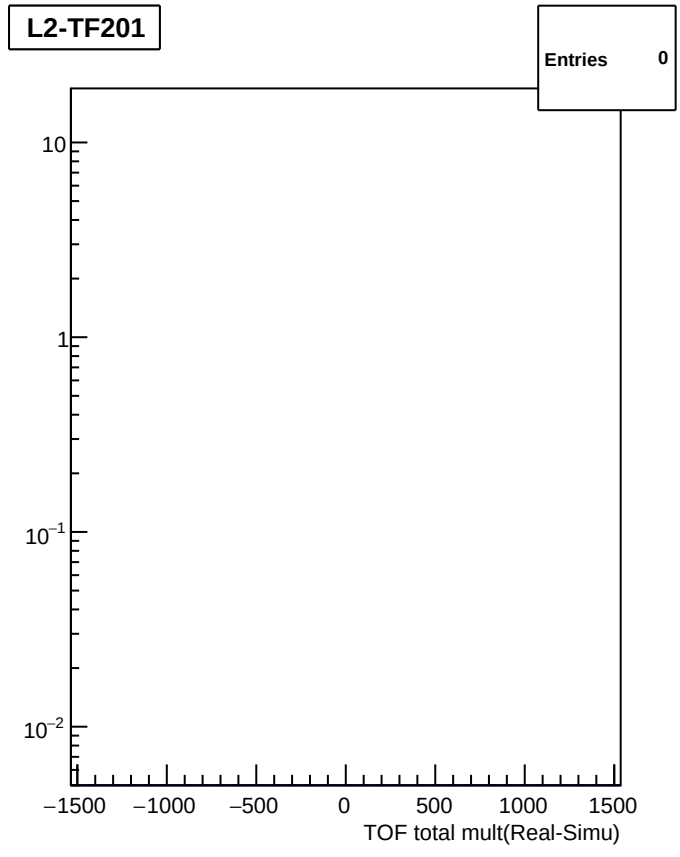

MIX-TF101
Entries 3358110
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

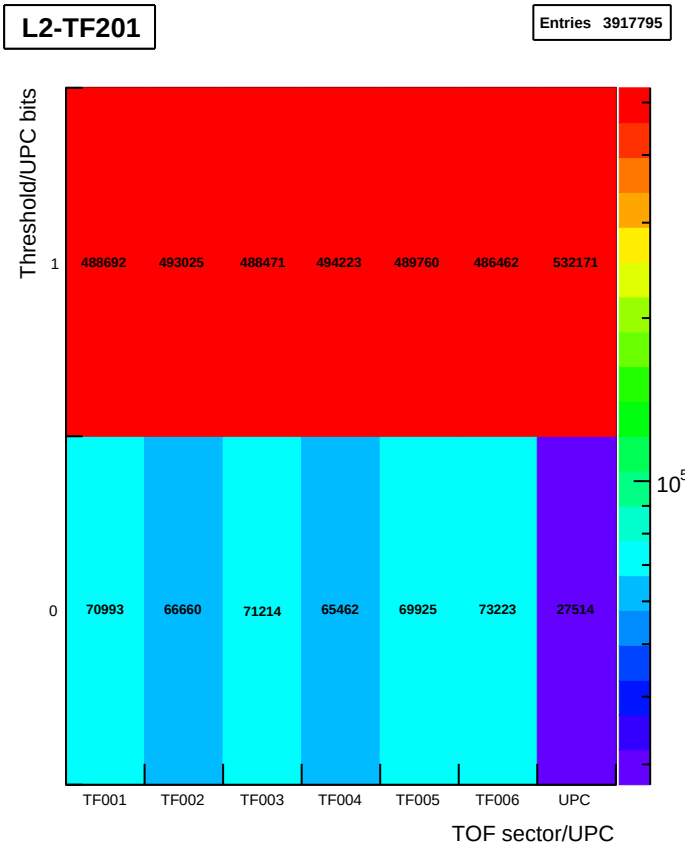

MIX-TF101
Entries 185973
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

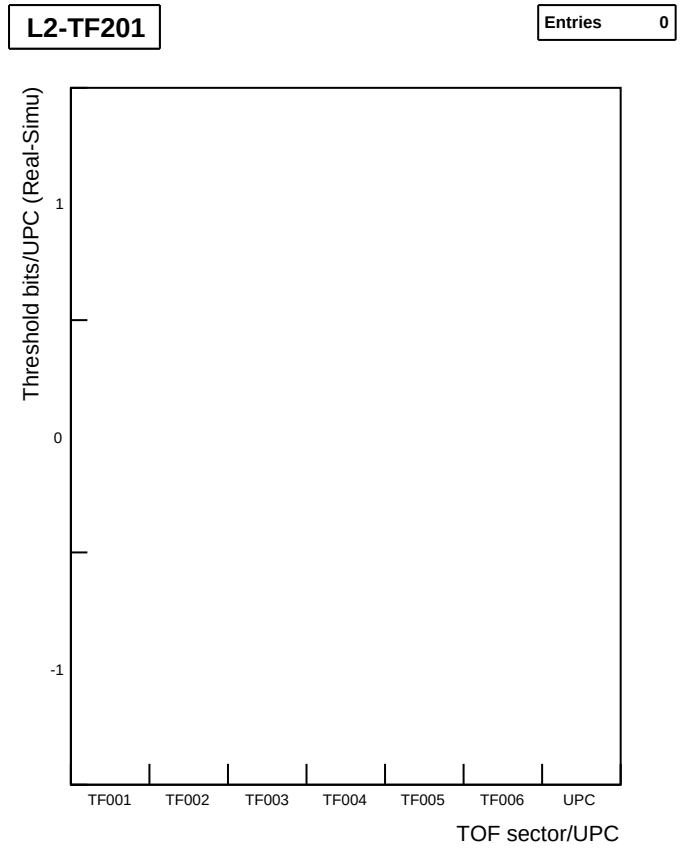

MIX-TF101
Entries 3358110
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

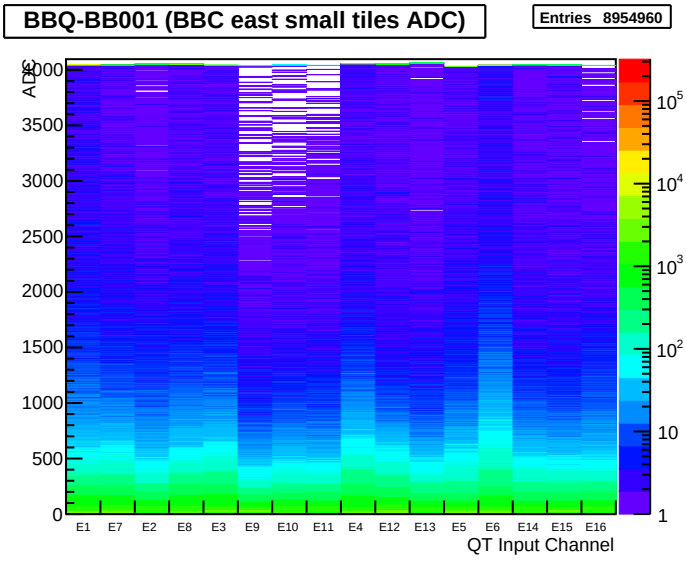

MIX-TF101
Entries 406718
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

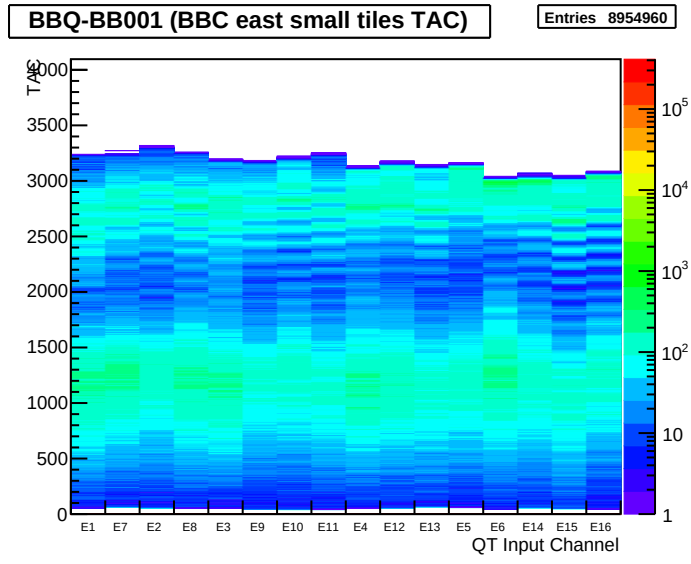

L2-TF201
Entries 559685
TOF total mult

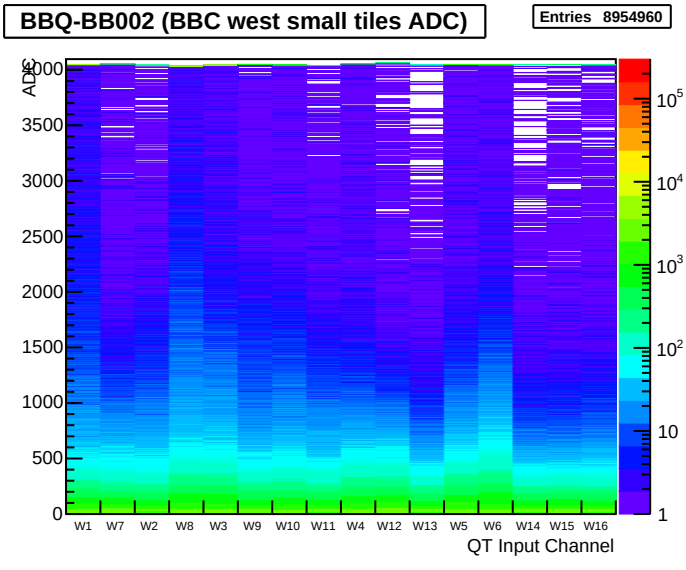

L2-TF201
Entries 0
TOF total mult(Real-Simu)

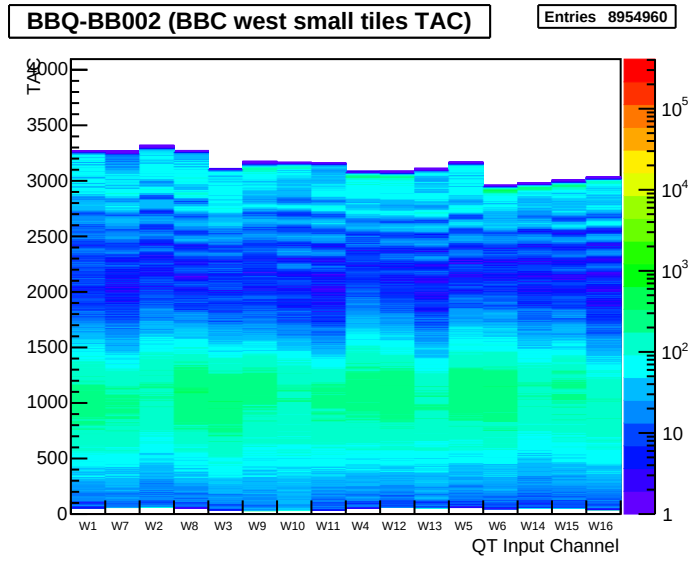

L2-TF201
Entries 3917795
Threshold/UPC bits
488692
493025
488471
494223
489760
486462
532171
70993
66660
71214
65462
69925
73223
27514
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

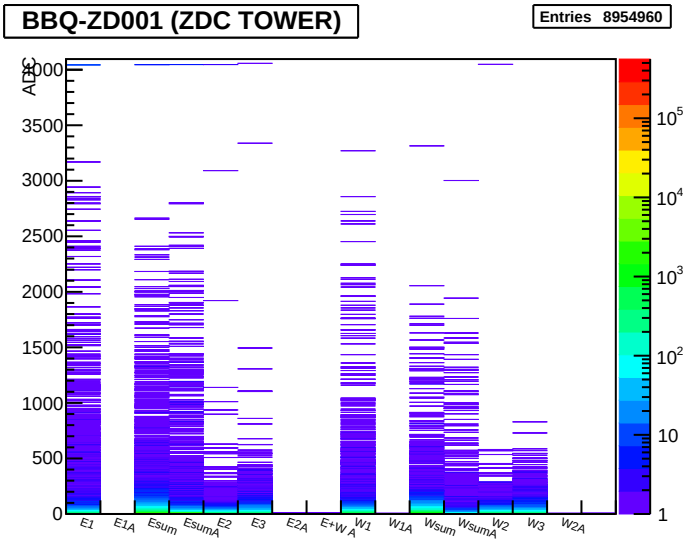

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

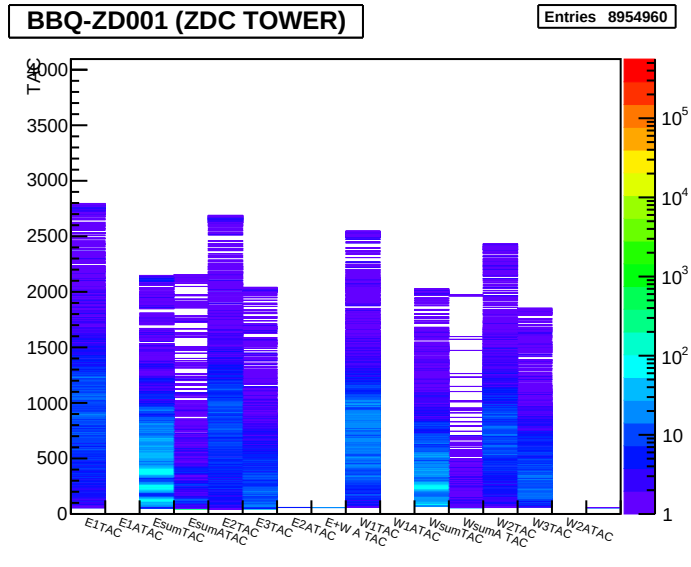

BBQ-BB001 (BBC east small tiles ADC)
Entries 8954960
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

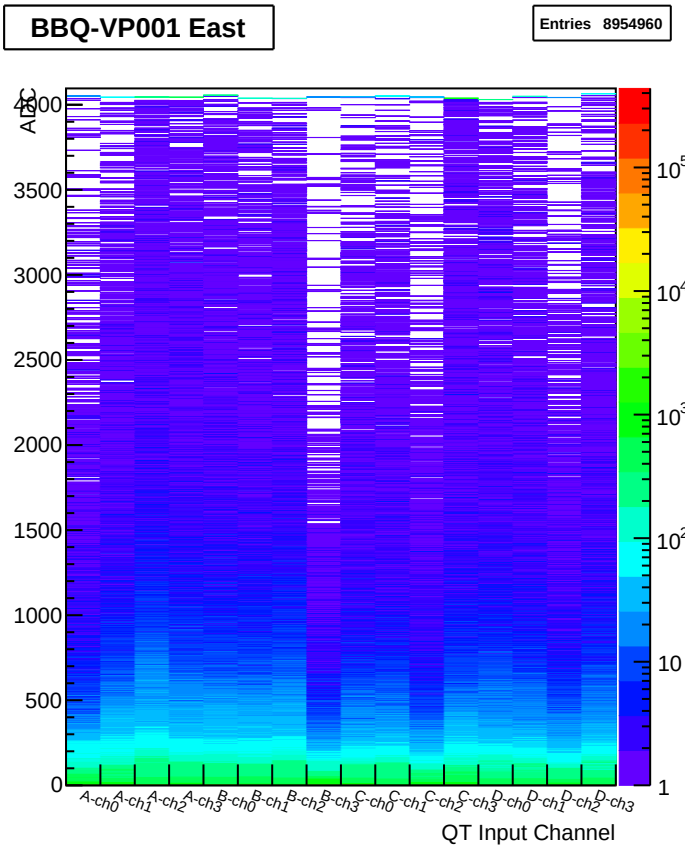

BBQ-BB001 (BBC east small tiles TAC)
Entries 8954960
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

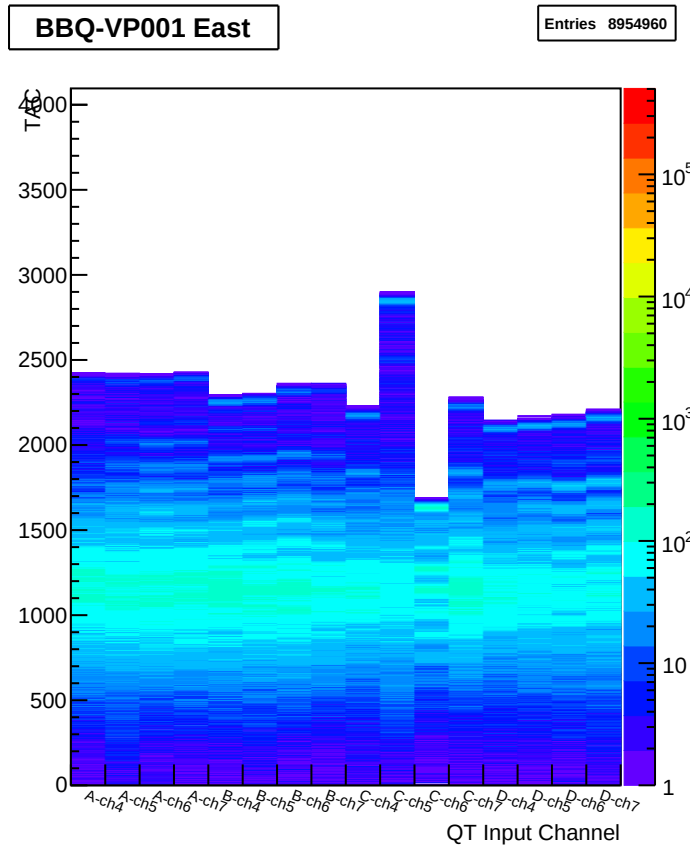

BBQ-BB002 (BBC west small tiles ADC)
Entries 8954960
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

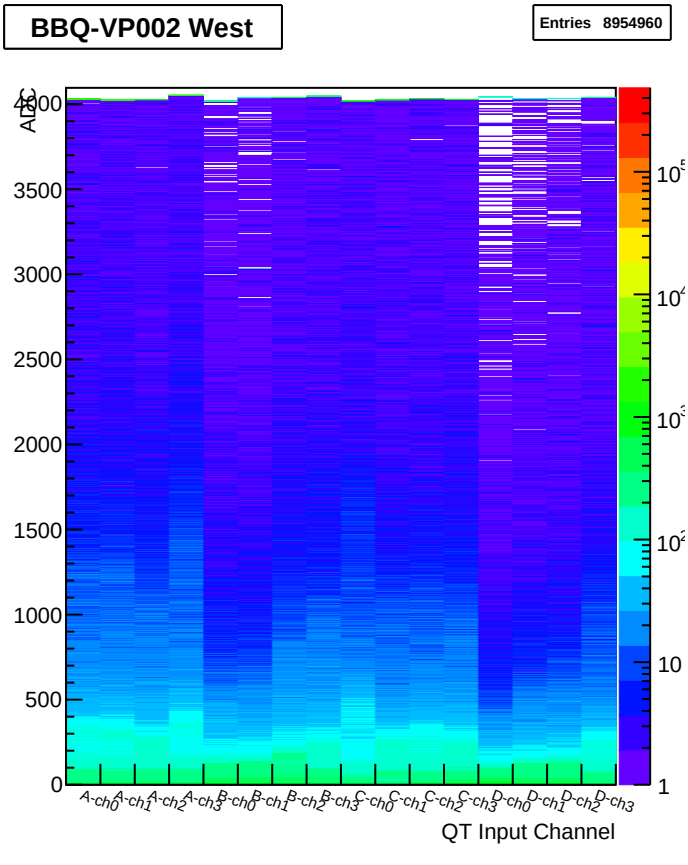

BBQ-BB002 (BBC west small tiles TAC)
Entries 8954960
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

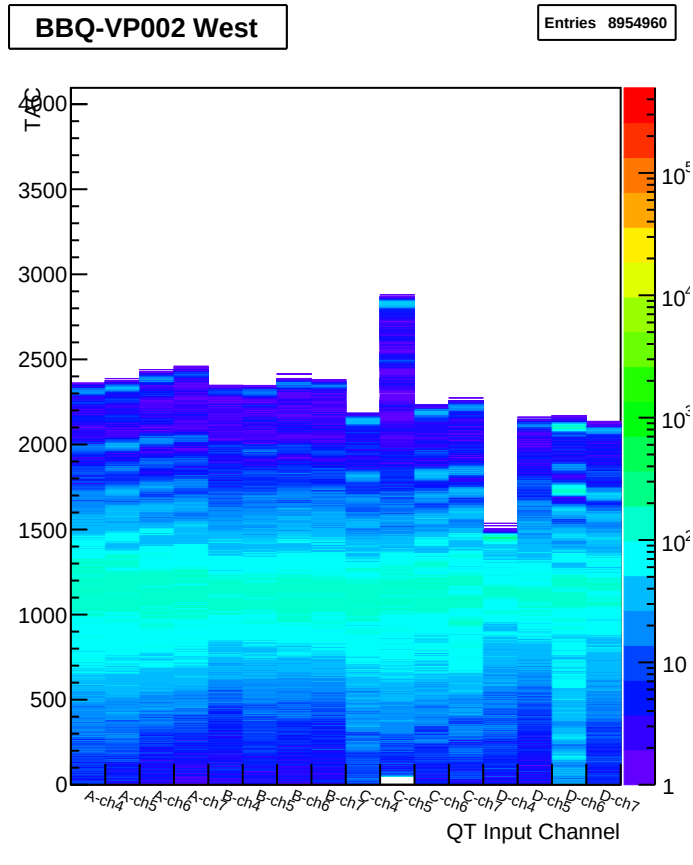

BBQ-ZD001 (ZDC TOWER)
Entries 8954960
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

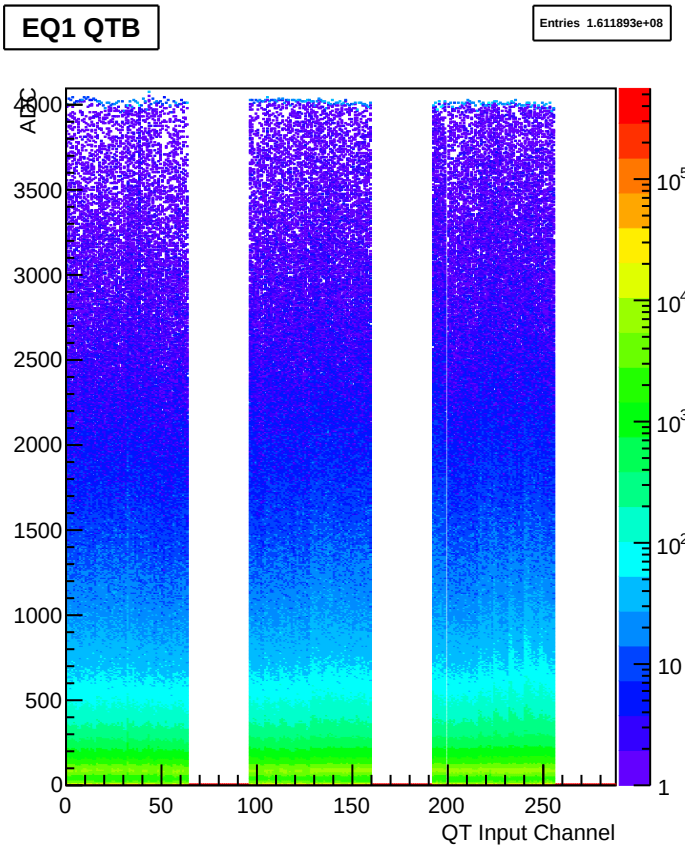

BBQ-ZD001 (ZDC TOWER)
Entries 8954960
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

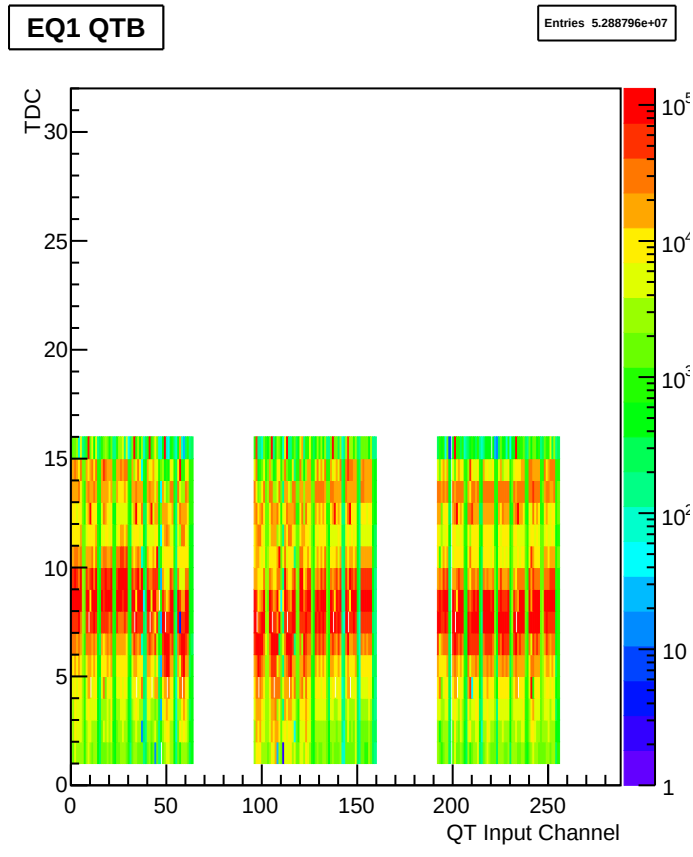

BBQ-VP001 East
Entries 8954960
ADC
QT Input Channel

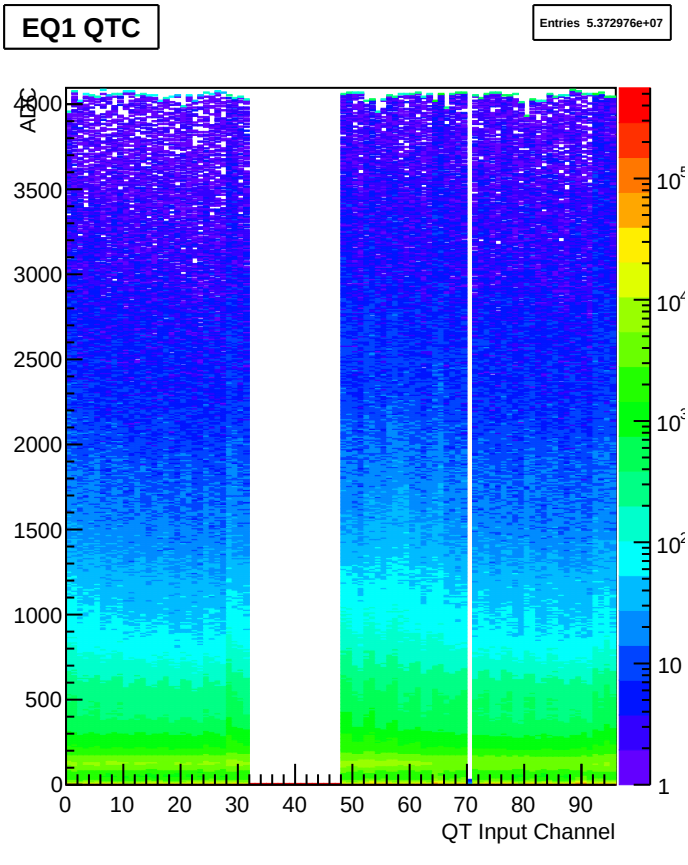

BBQ-VP001 East
Entries 8954960
TADC
QT Input Channel

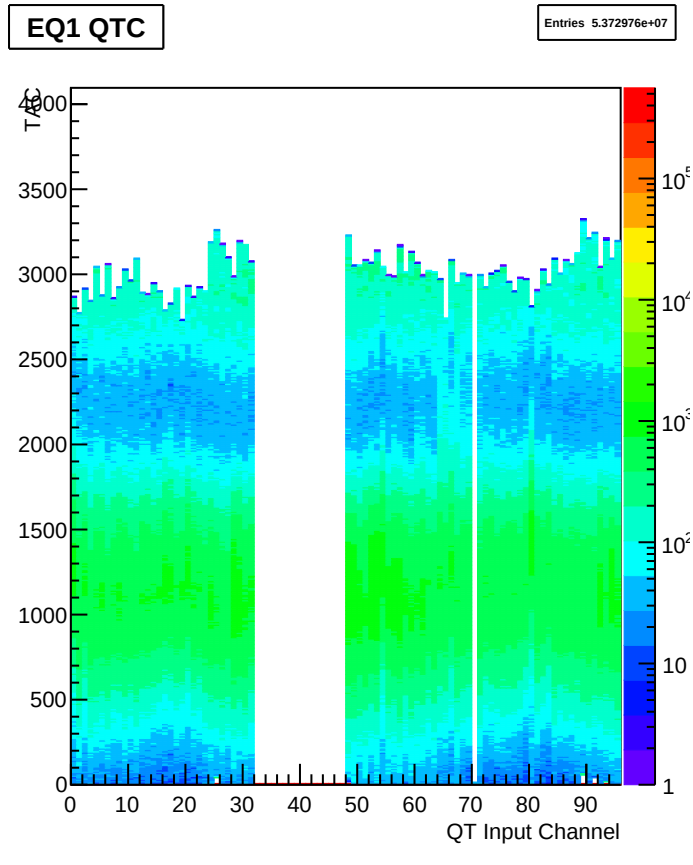

BBQ-VP002 West
Entries 8954960
ADC
QT Input Channel

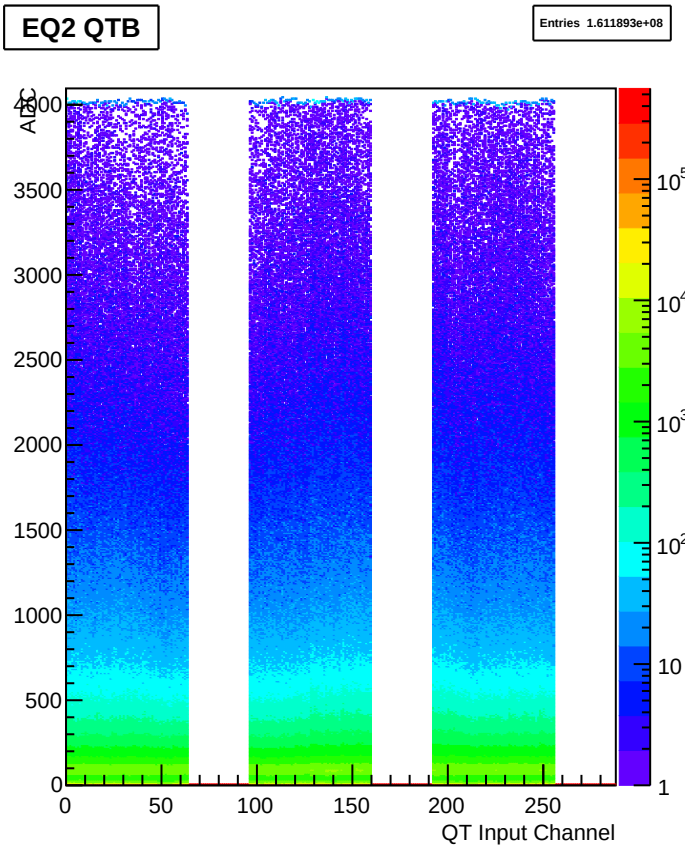

BBQ-VP002 West
Entries 8954960
TADC
QT Input Channel

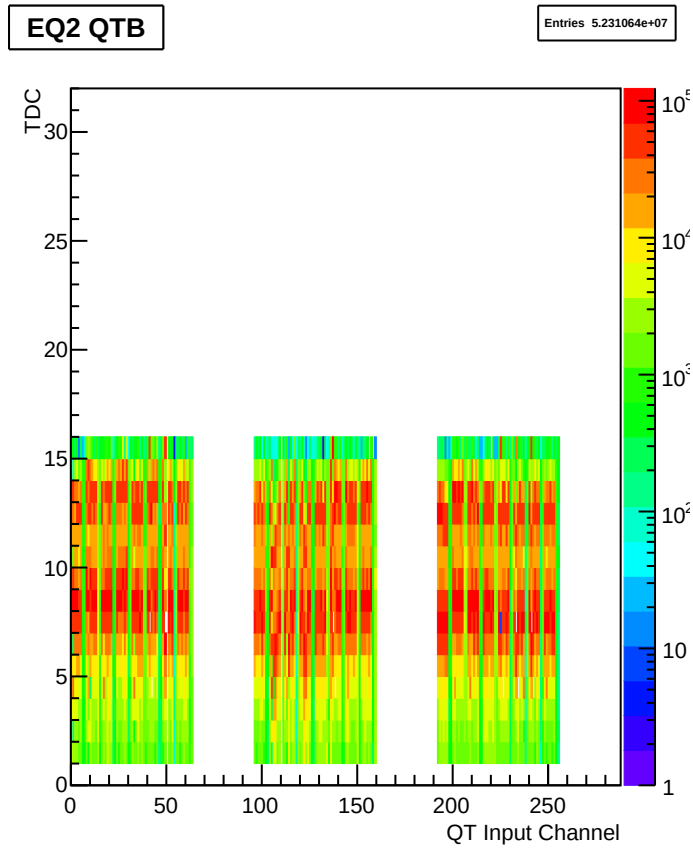

EQ1 QTB
Entries 1.611893e+08
ADC
QT Input Channel

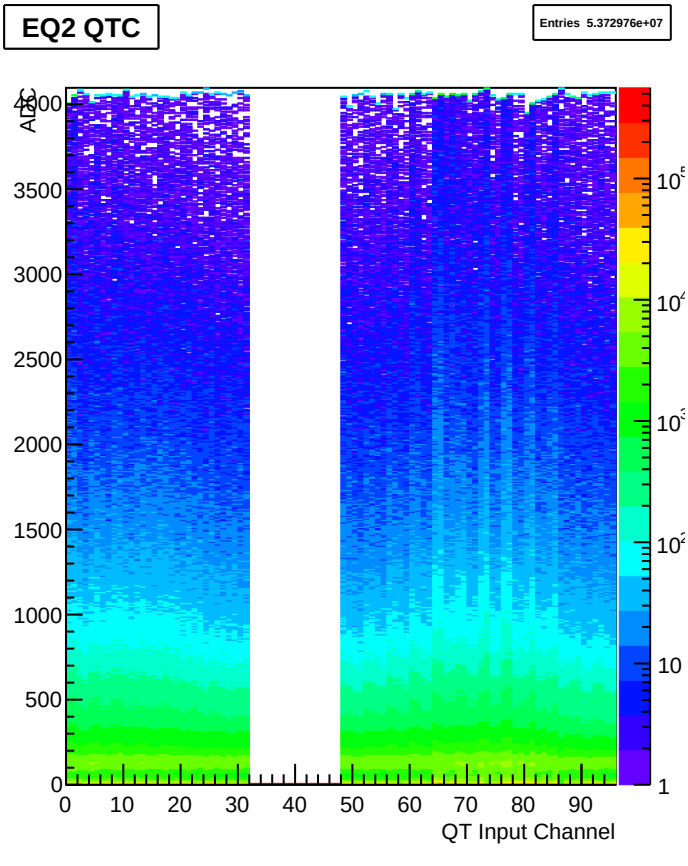

EQ1 QTB
Entries 5.288796e+07
TDC
QT Input Channel

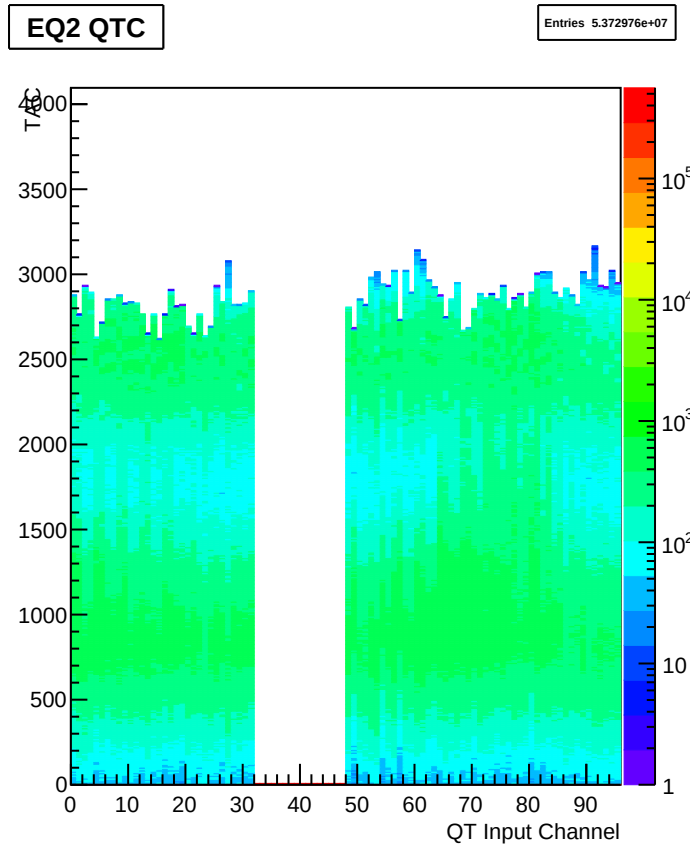

EQ1 QTC
Entries 5.372976e+07
ADC
QT Input Channel

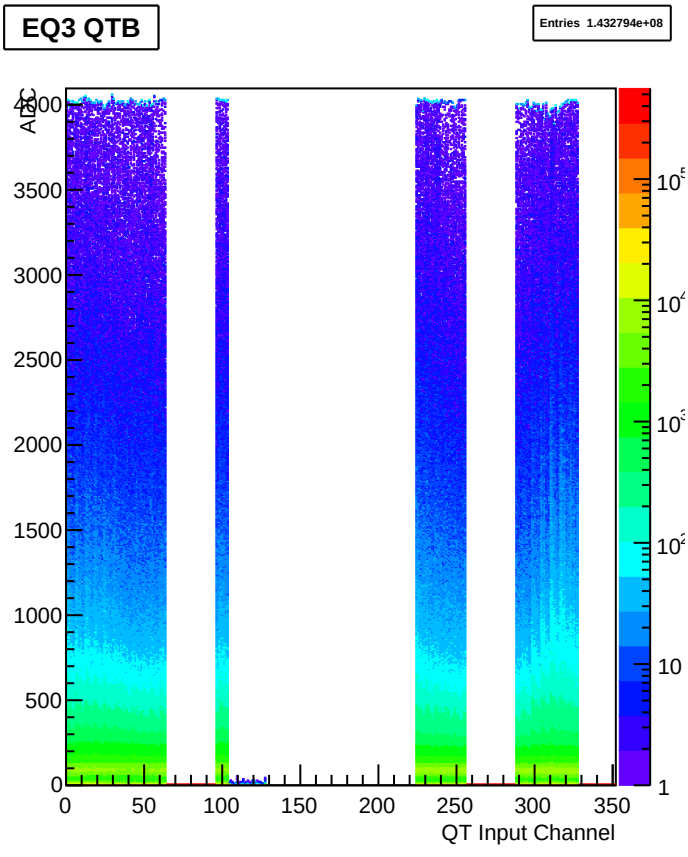

EQ1 QTC
Entries 5.372976e+07
TADC
QT Input Channel

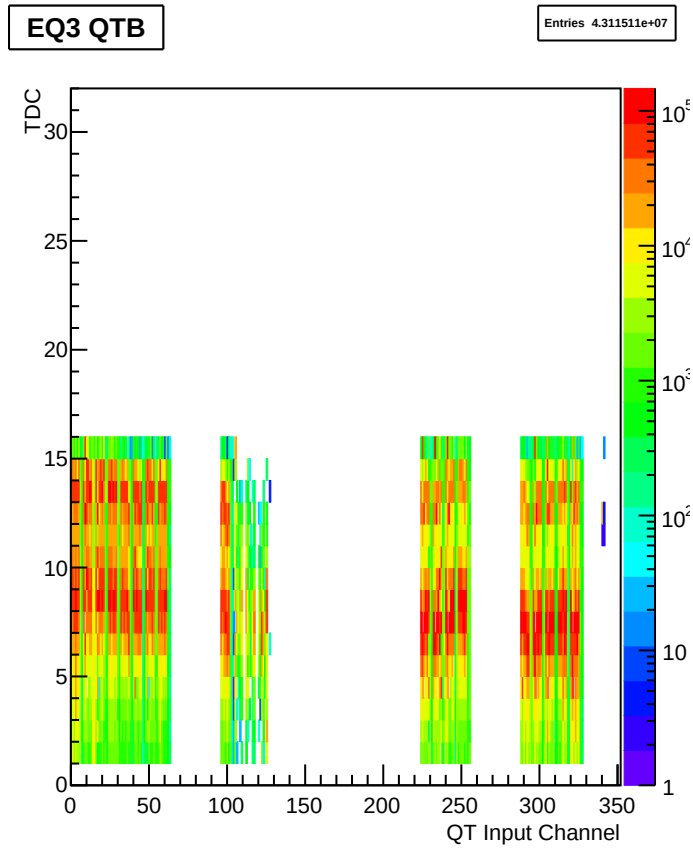

EQ2 QTB
Entries 1.611893e+08
ADC
QT Input Channel

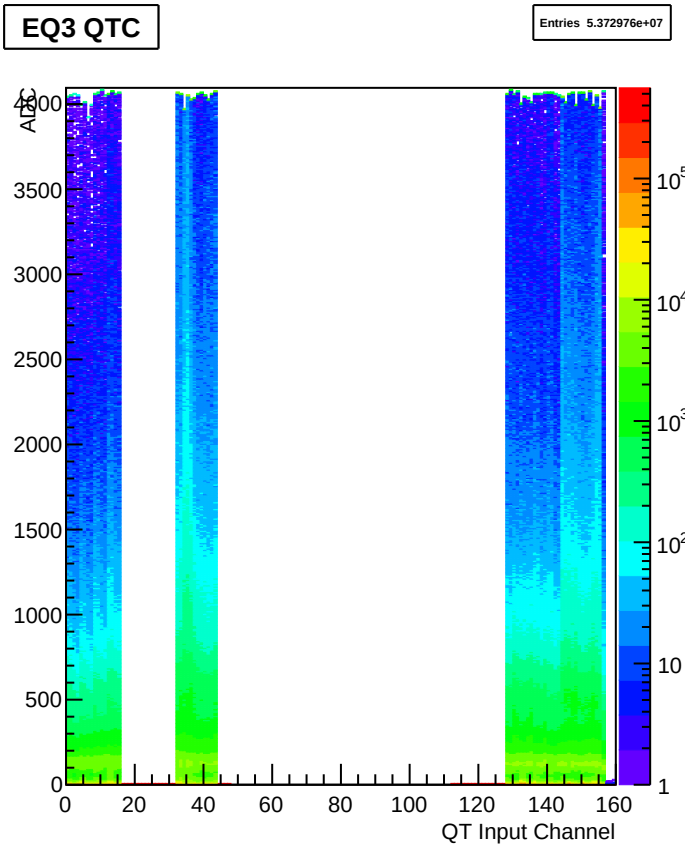

EQ2 QTB
Entries 5.231064e+07
TDC
QT Input Channel

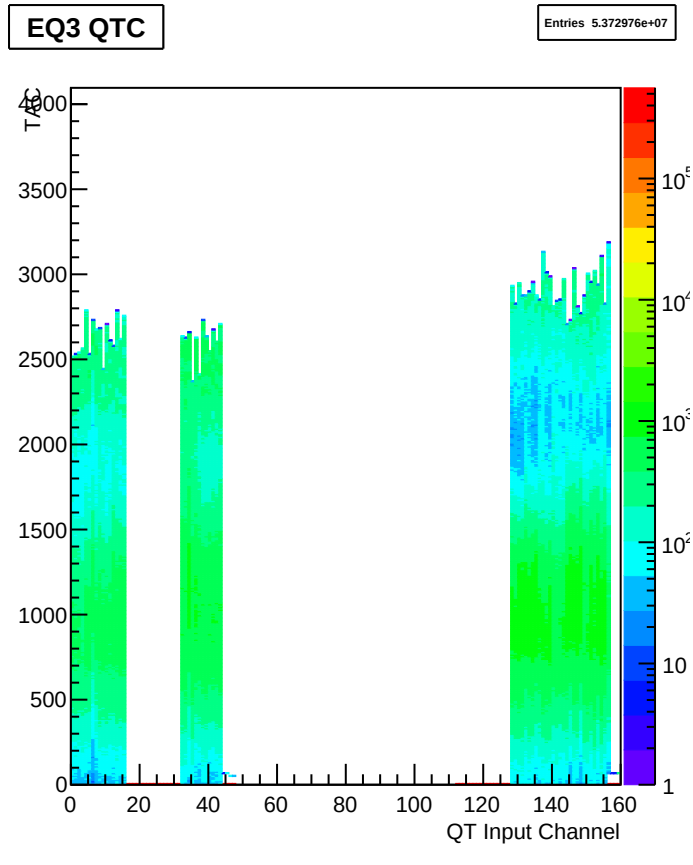

EQ2 QTC
Entries 5.372976e+07
ADC
QT Input Channel

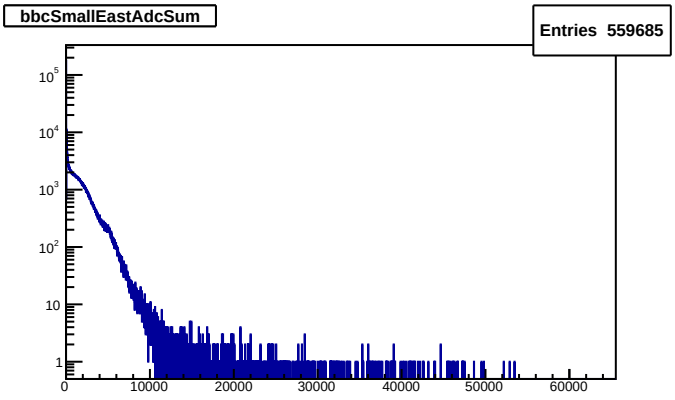

EQ2 QTC
Entries 5.372976e+07
TADC
QT Input Channel

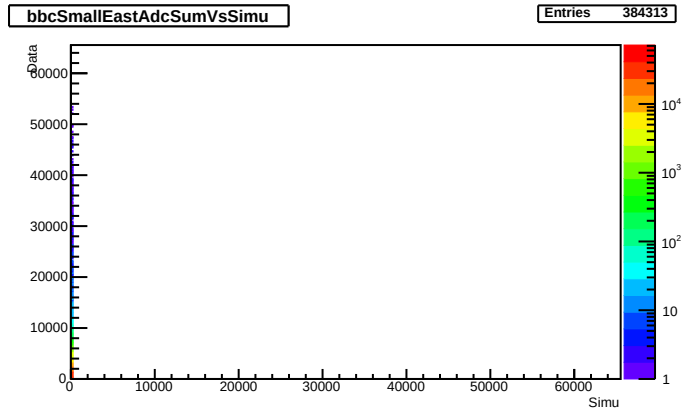

EQ3 QTB
Entries 1.432794e+08
ADC
QT Input Channel

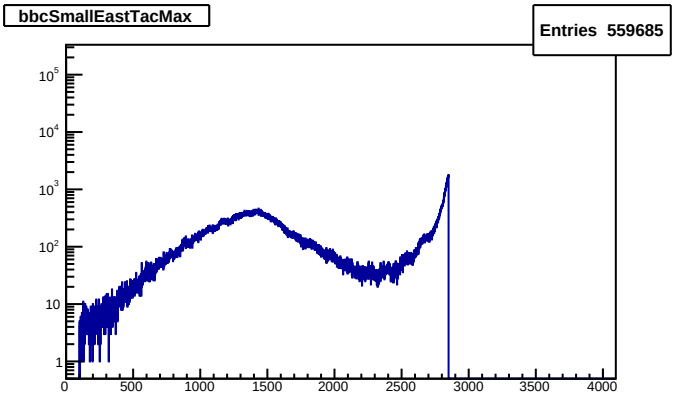

EQ3 QTB
Entries 4.311511e+07
TDC
QT Input Channel

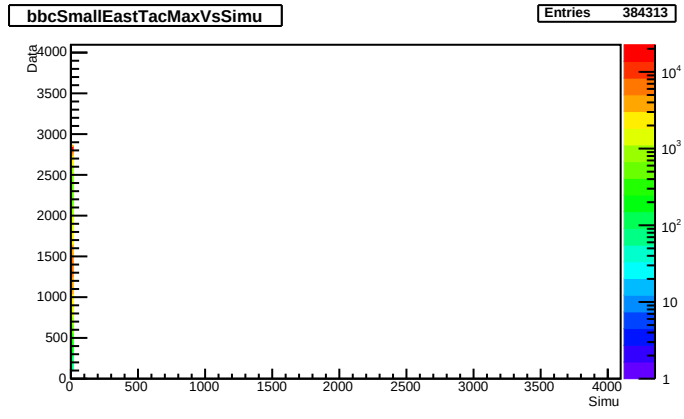

EQ3 QTC
Entries 5.372976e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.372976e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 559685


bbcSmallEastAdcSumVsSimu
Entries 384313
Data
Simu


bbcSmallEastTacMax
Entries 559685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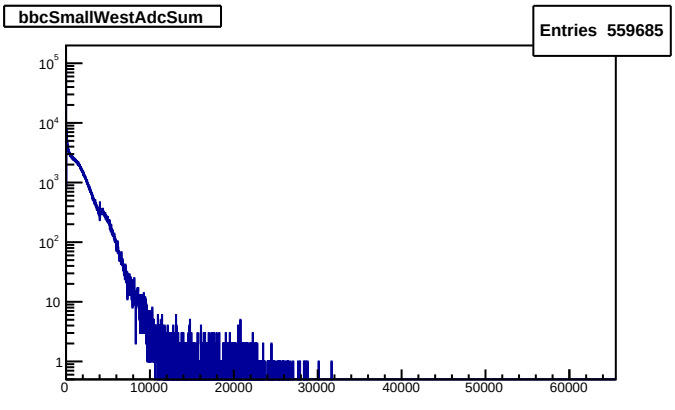
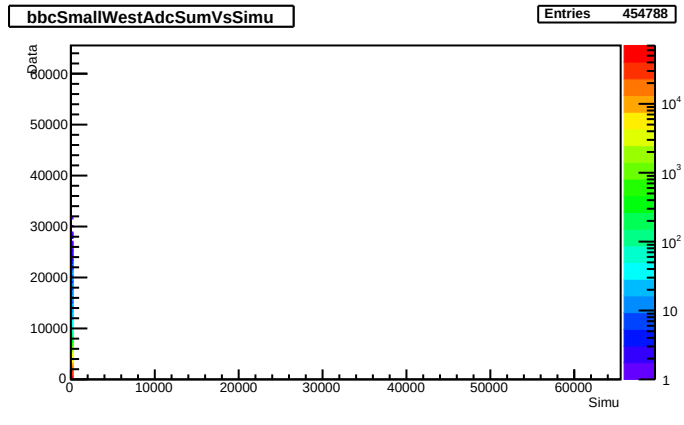
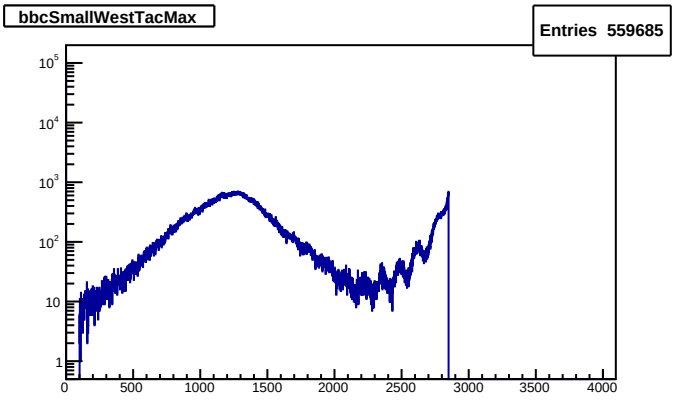

bbcSmallWestAdcSum
Entries 559685


bbcSmallWestAdcSumVsSimu
Entries 454788
Data
Simu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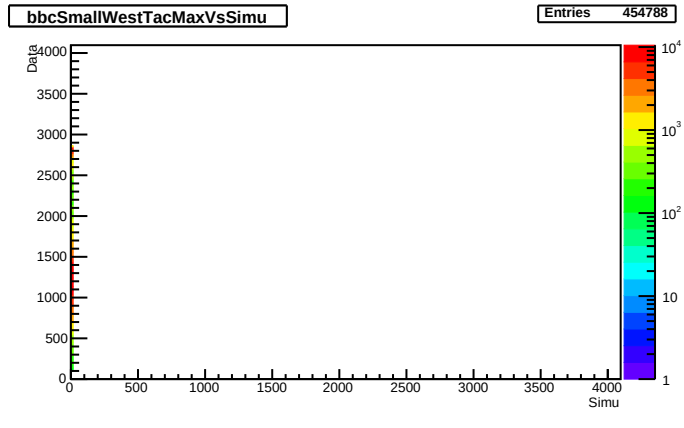
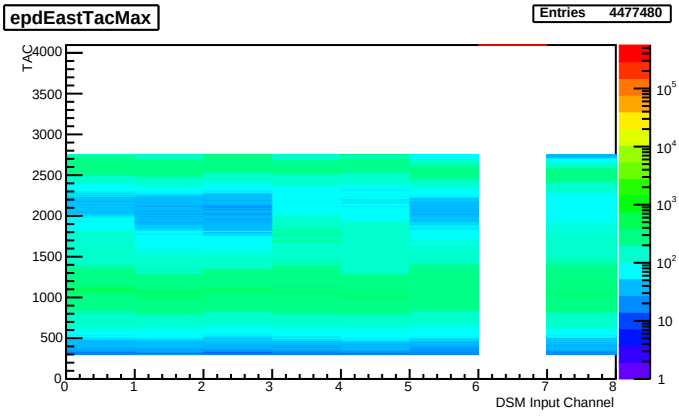
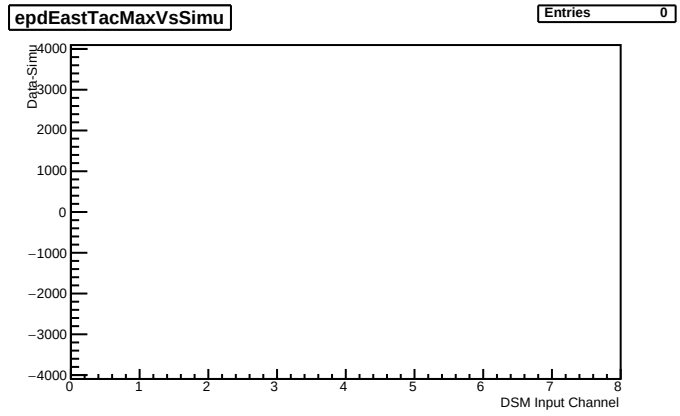
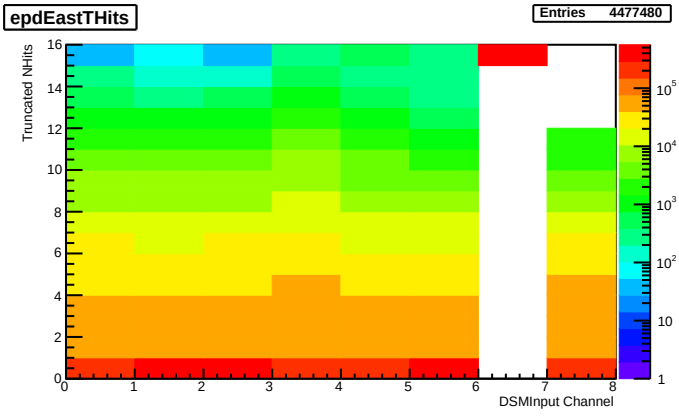
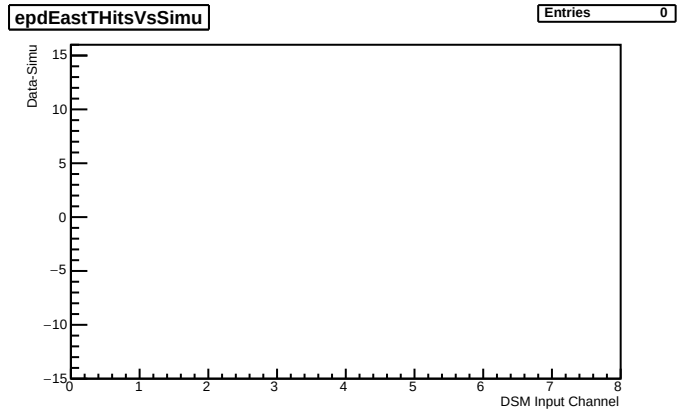
Entries 559685


bbcSmallWestTacMaxVsSimu
Entries 454788
Data
Simu


epdEastTacMax
Entries 4477480
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4477480
Truncated NHits
DSMInput Channel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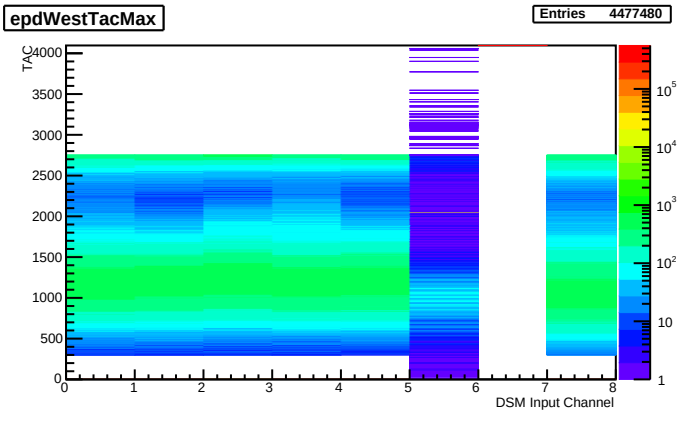
DSM Input Channel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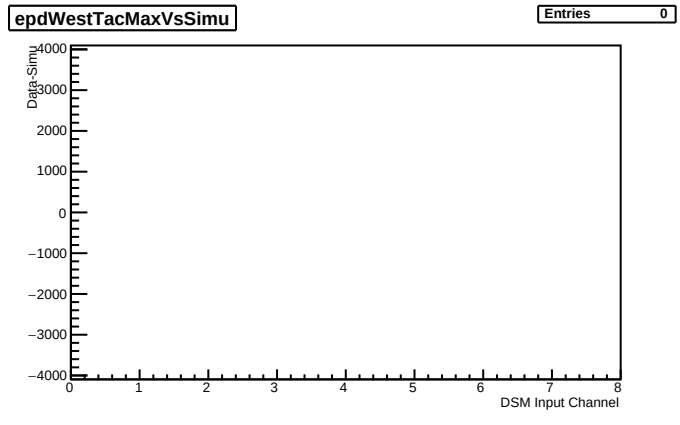
Entries 4477480
TAC
DSM Input Channel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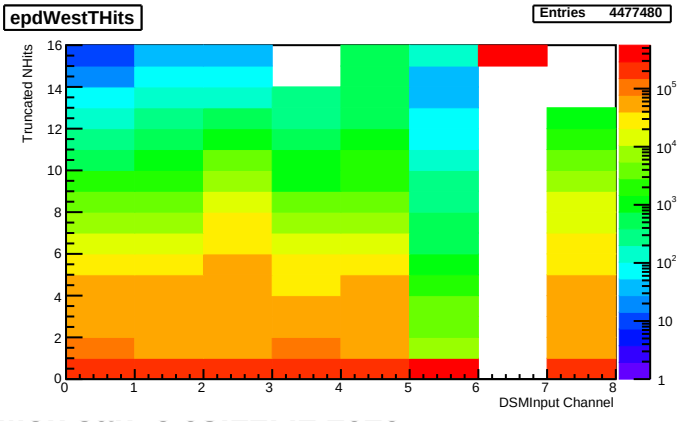
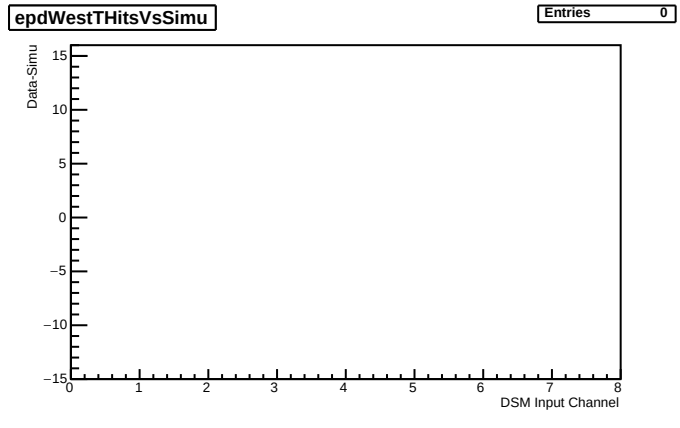
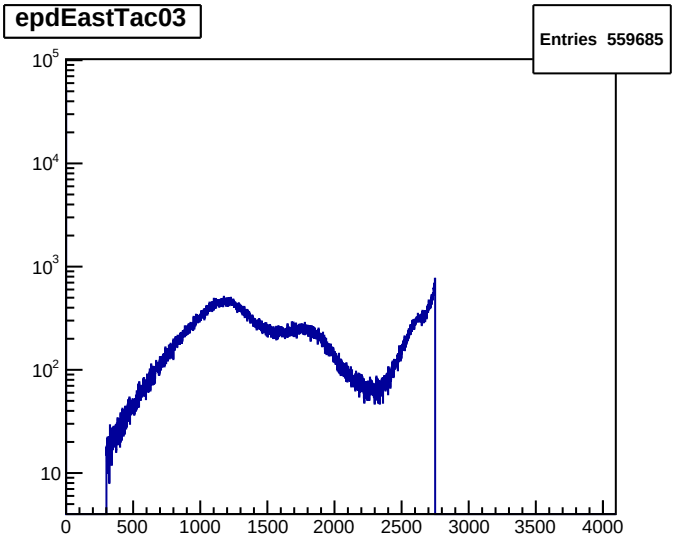
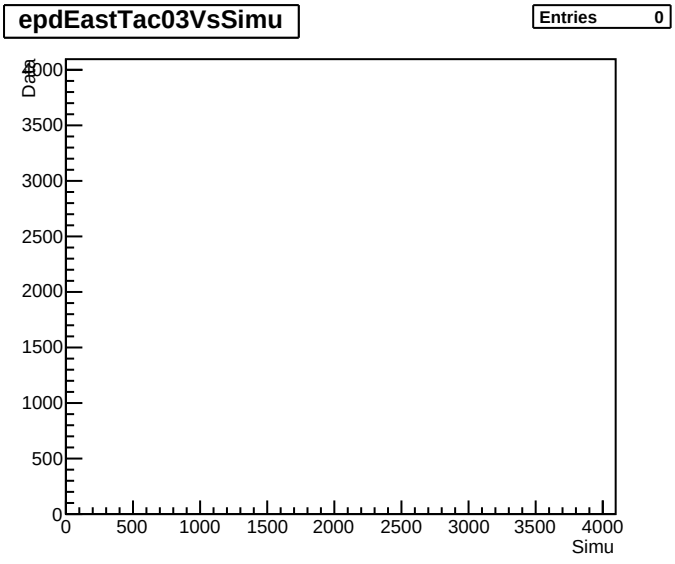
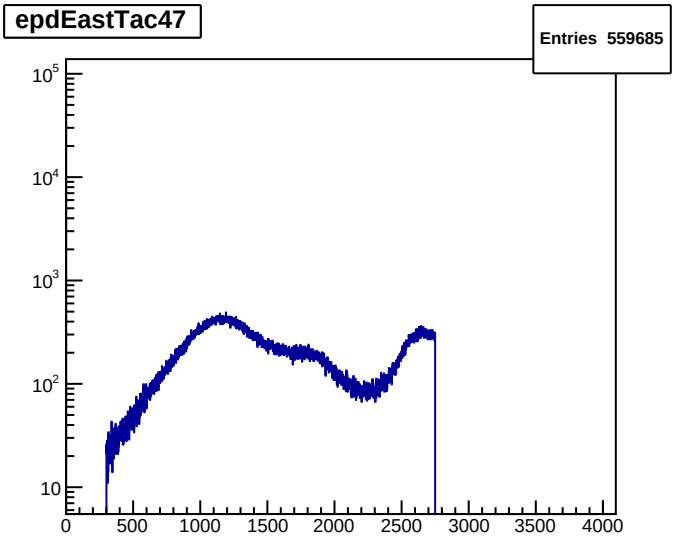
Entries 0
Data-Simu
DSM Input Channel

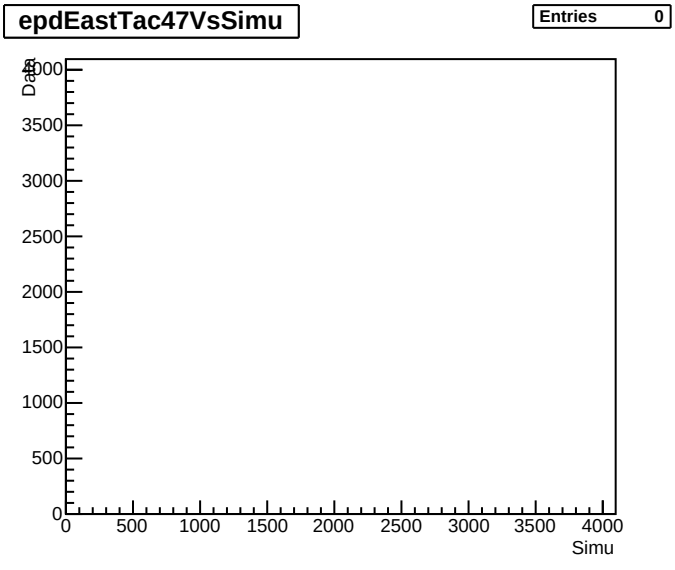

epdWestTHits
Entries 4477480
Truncated NHits
DSMInput Channel

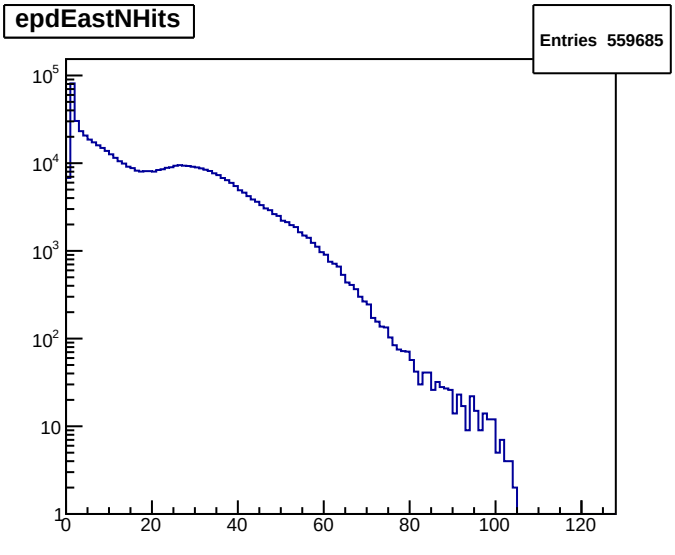

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

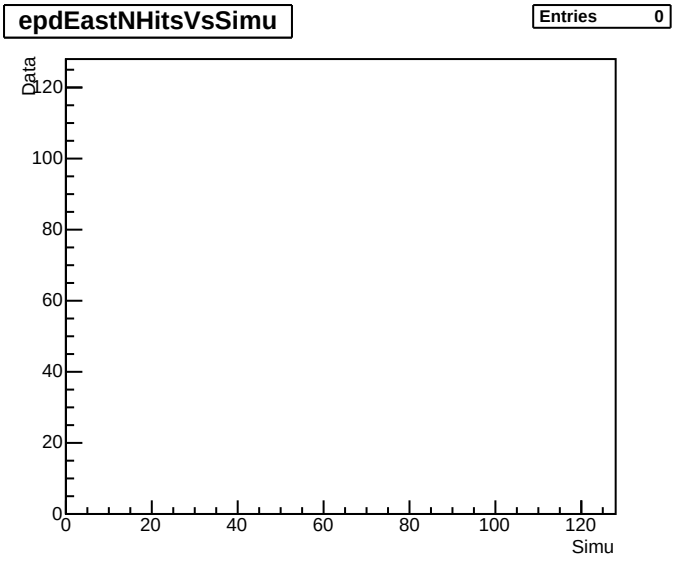

epdEastTac03
Entries 559685


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 559685


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 559685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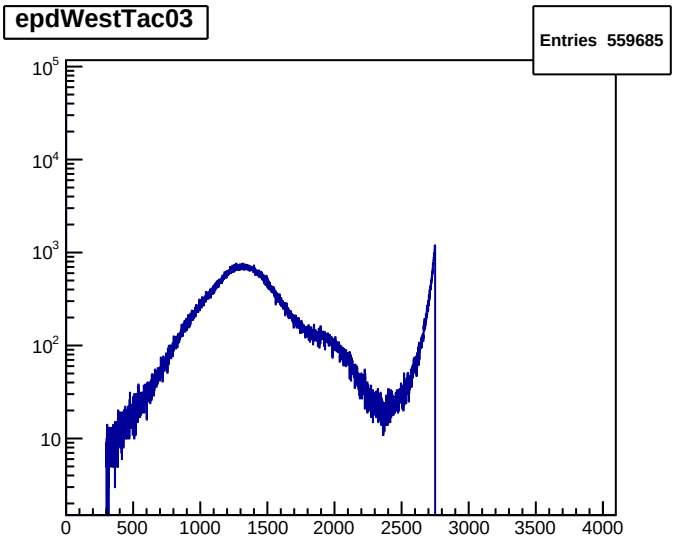
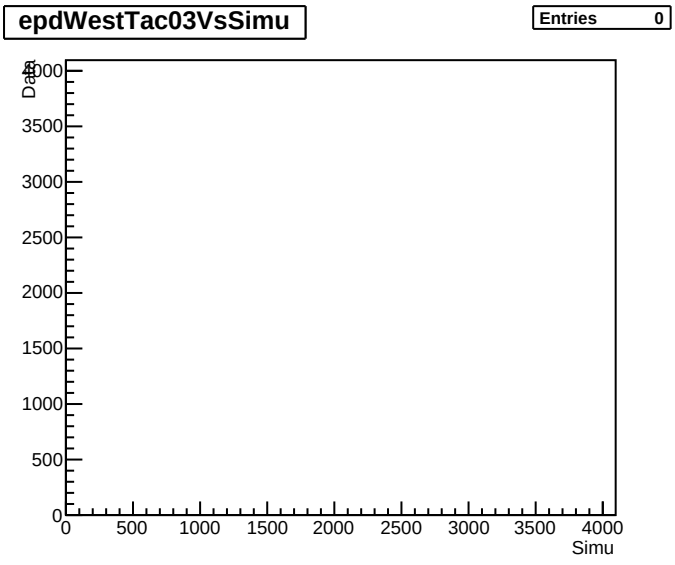
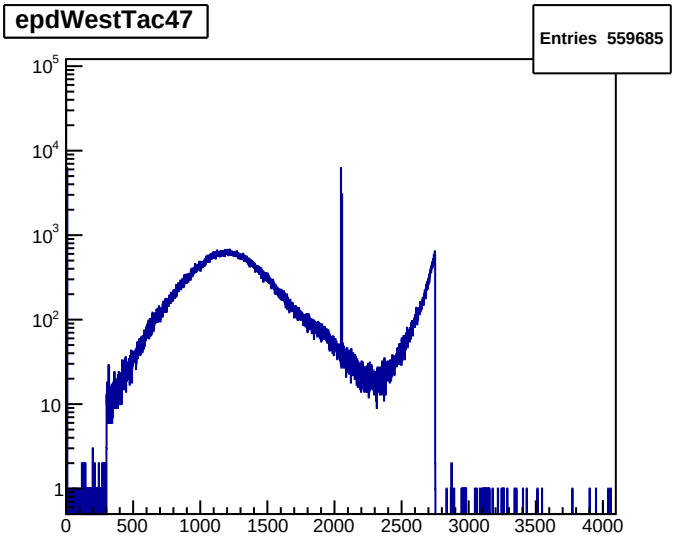
Entries 0
Data
Simu


epdWestTac03
Entries 559685


epdWestTac03VsSimu
Entries 0
Data
Simu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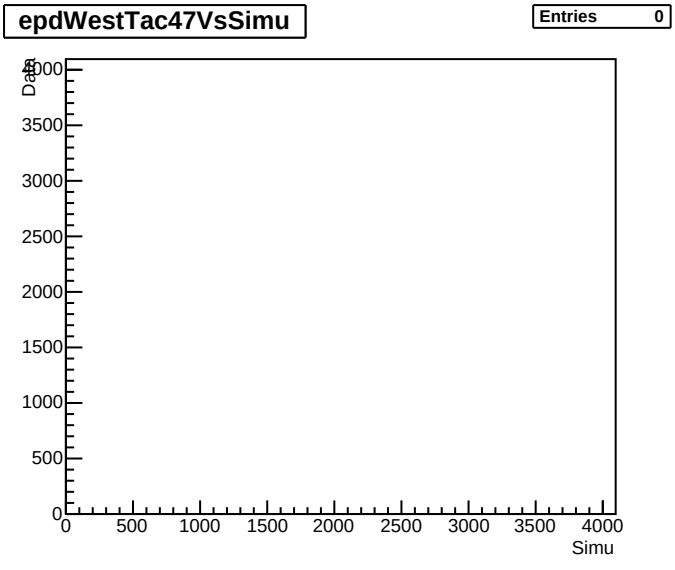
Entries 559685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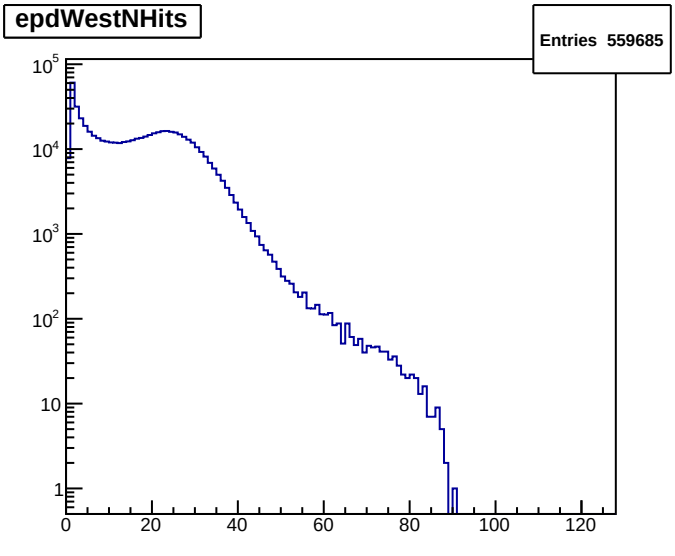
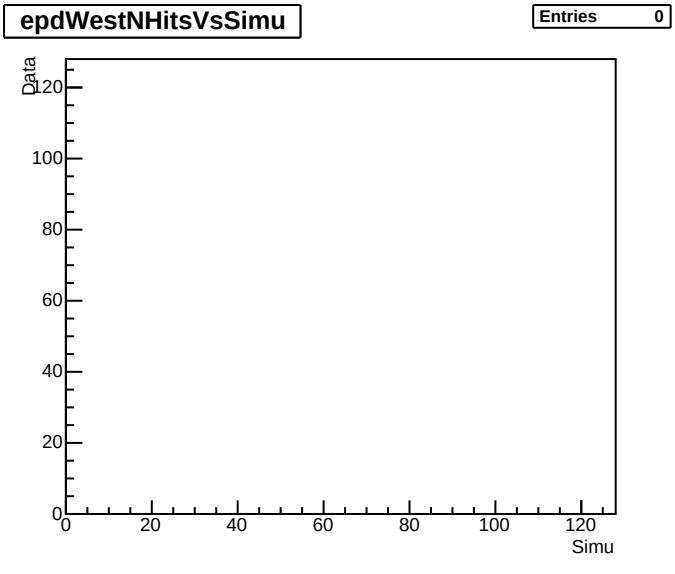
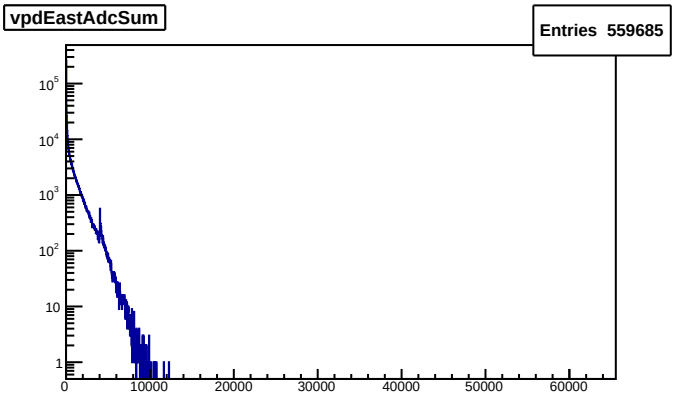
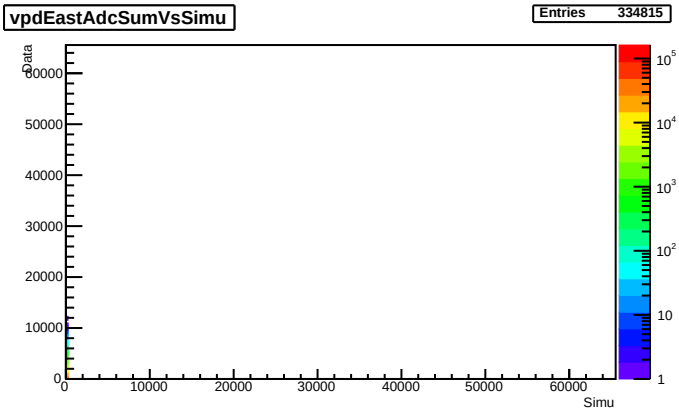
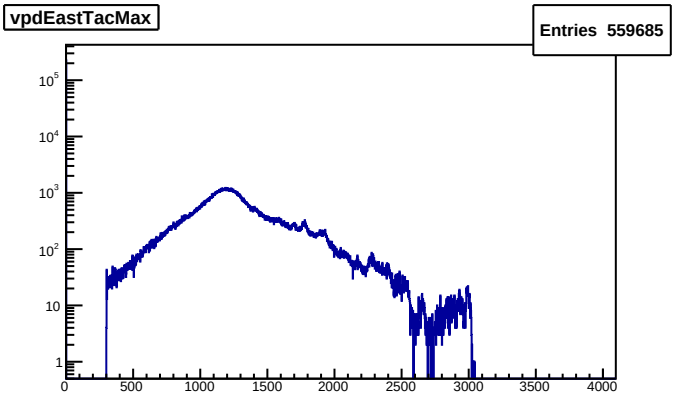
Entries 0
Data
Simu

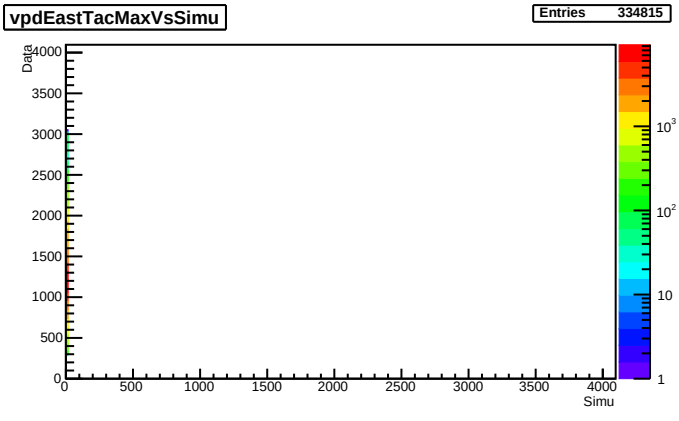

epdWestNHits
Entries 559685

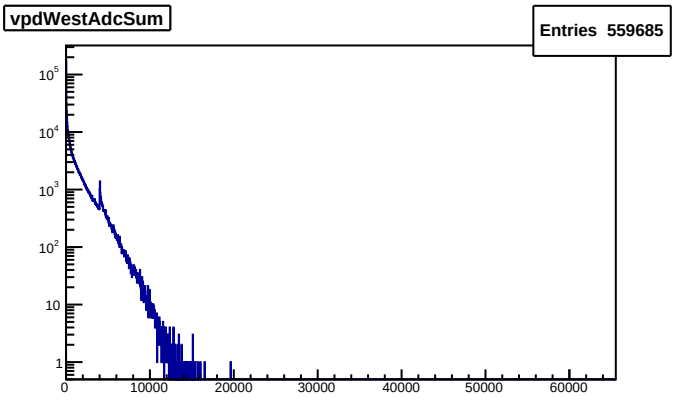

epdWestNHitsVsSimu
Entries 0
Data
Simu

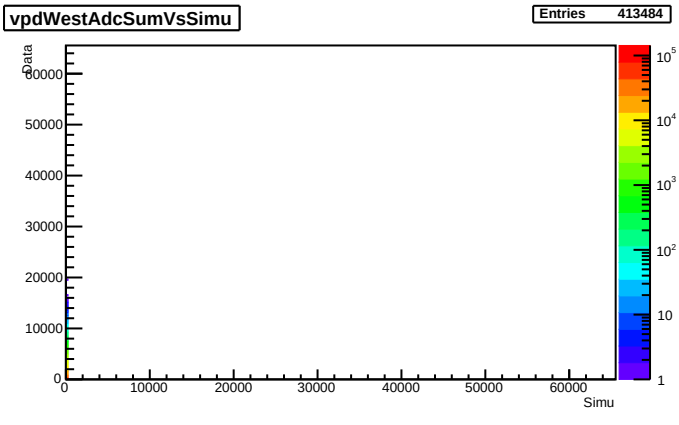

vpdEastAdcSum
Entries 559685

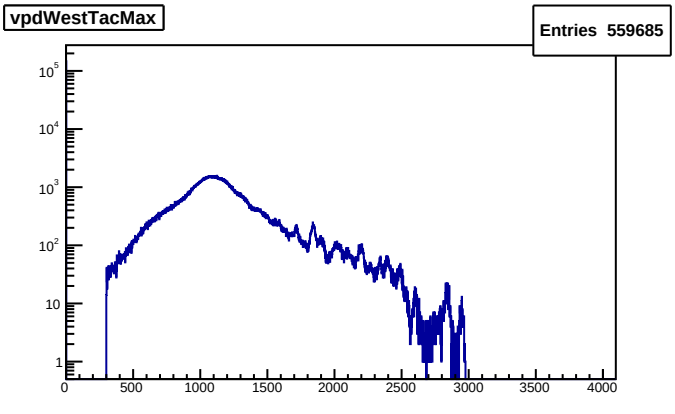

vpdEastAdcSumVsSimu
Entries 334815
Data
Simu

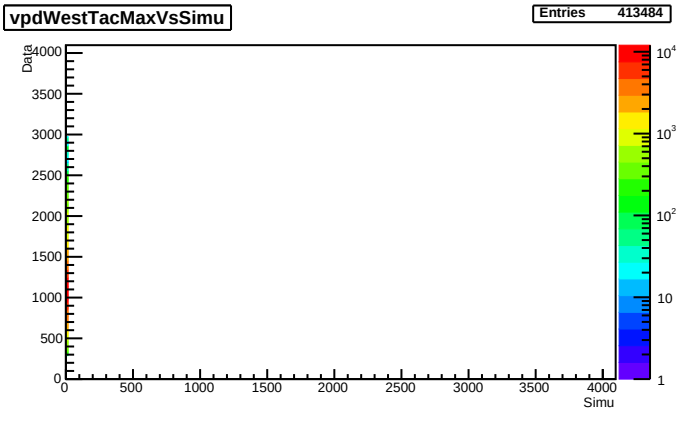

vpdEastTacMax
Entries 559685

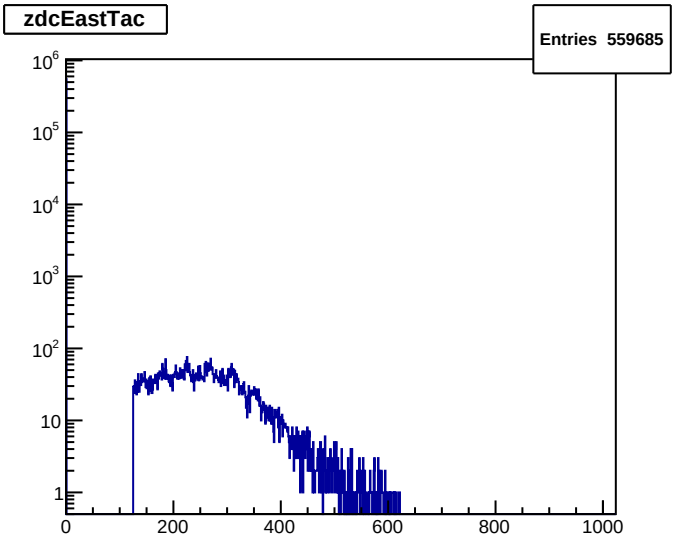

vpdEastTacMaxVsSimu
Entries 334815
Data
Simu

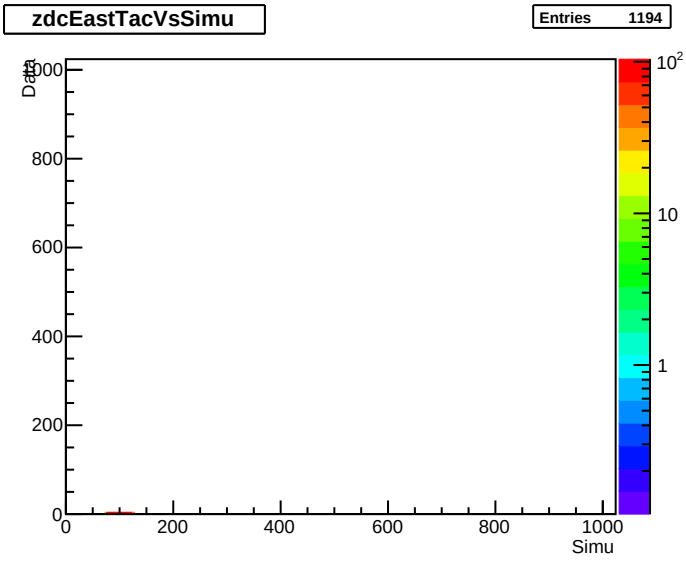

vpdWestAdcSum
Entries 559685

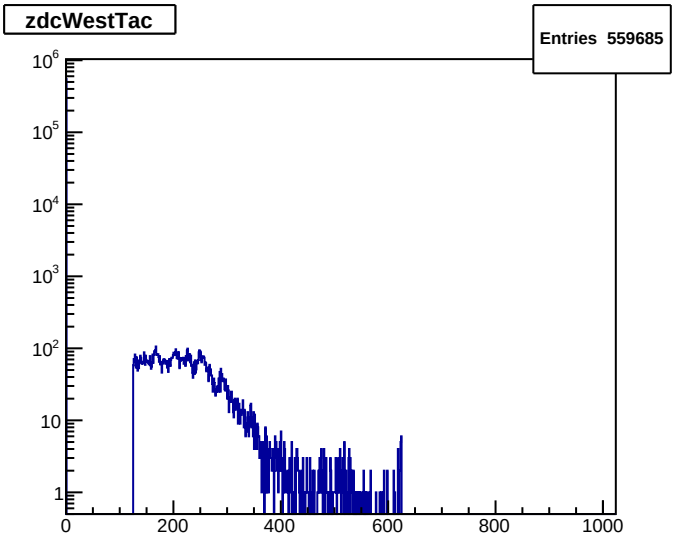

vpdWestAdcSumVsSimu
Entries 413484
Data
Simu

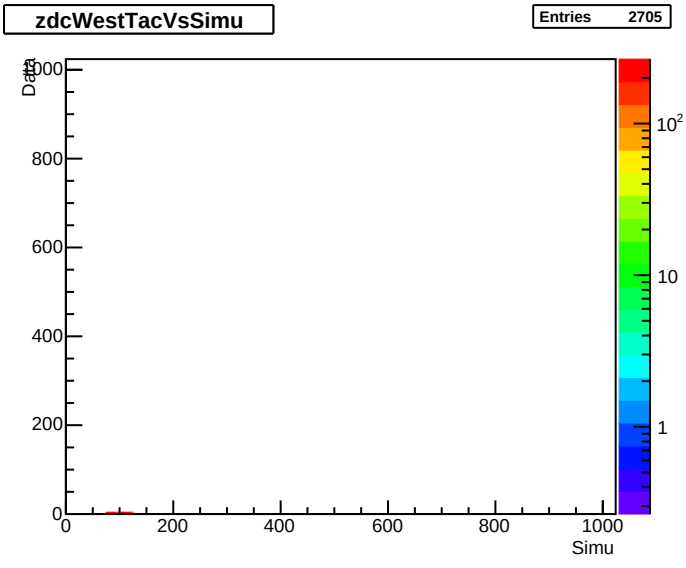

vpdWestTacMax
Entries 559685

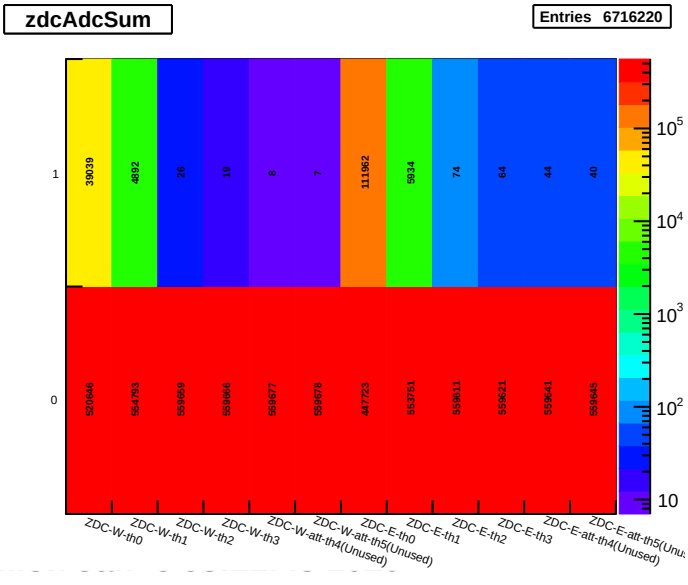

vpdWestTacMaxVsSimu
Entries 413484
Data
Simu

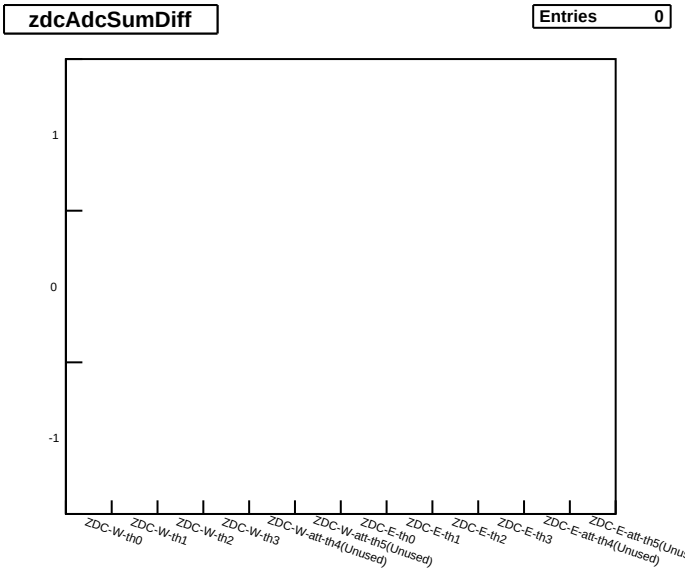

zdcEastTac
Entries 559685

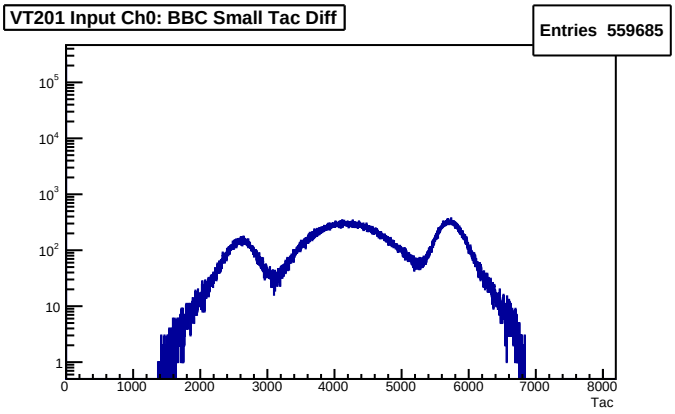

zdcEastTacVsSimu
Entries 1194
Data
Simu

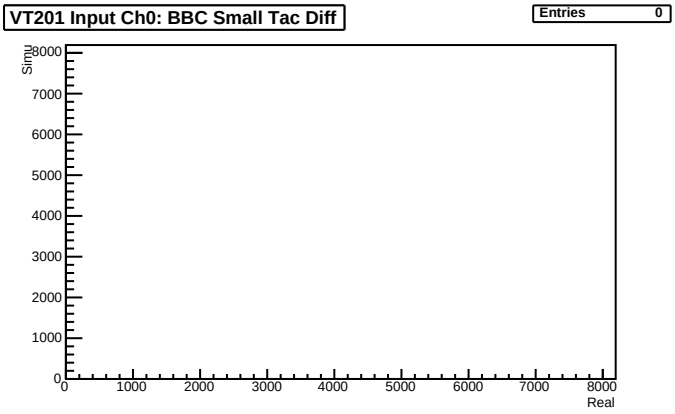

zdcWestTac
Entries 559685

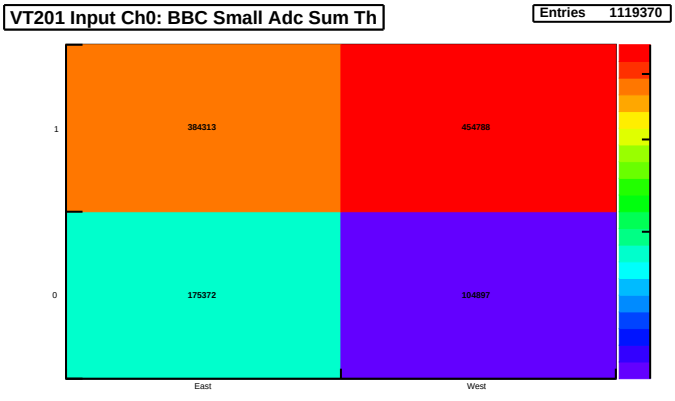

zdcWestTacVsSimu
Entries 2705
Data
Simu

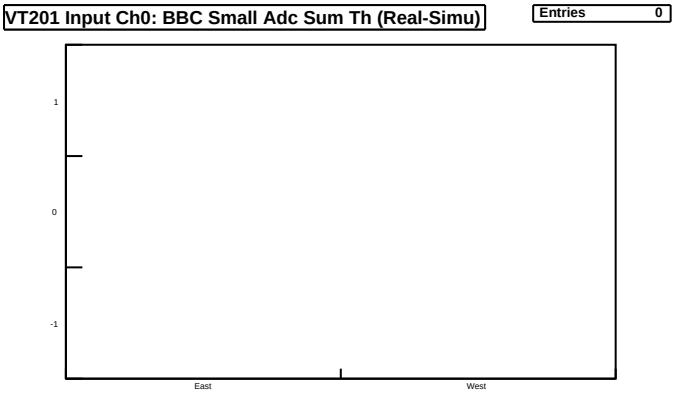

zdcAdcSum
Entries 6716220
39039
4892
26
19
8
7
111962
5934
74
64
44
40
520646
554703
559659
559666
559677
559678
447723
553751
559611
559621
559641
559645
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

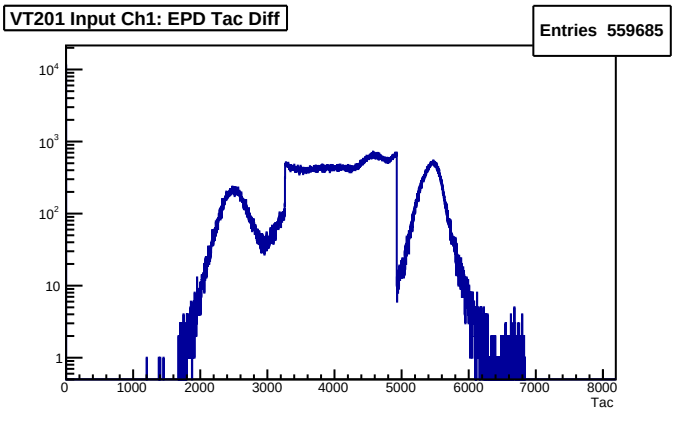

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

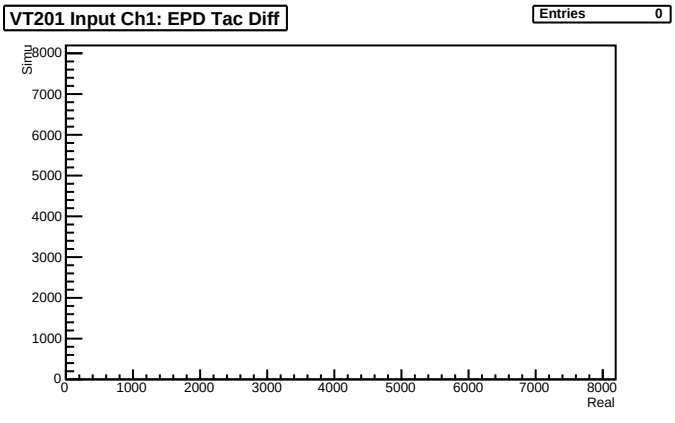

VT201 Input Ch0: BBC Small Tac Diff
Entries 559685
Tac

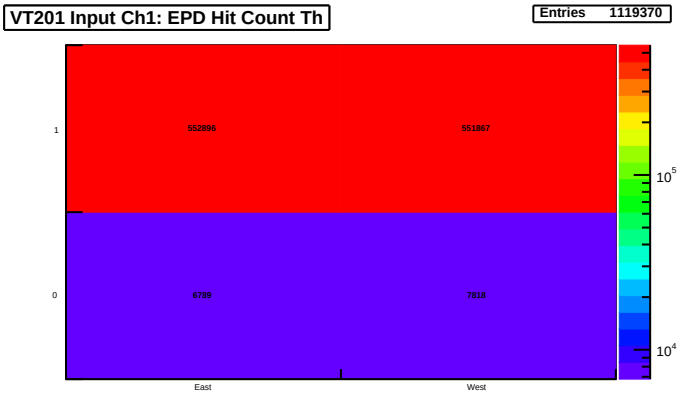

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

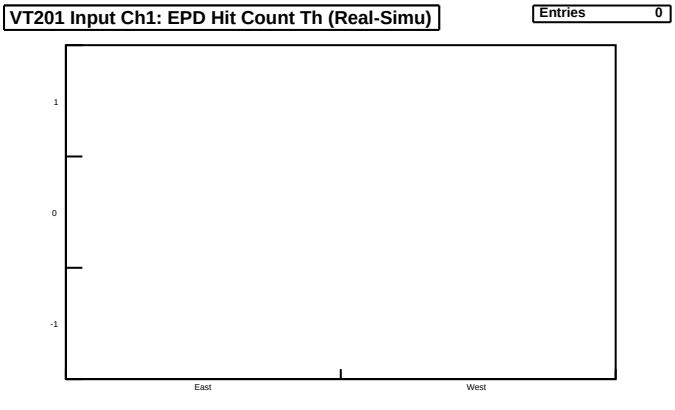

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1119370
384313
454788
175372
104897
East
West

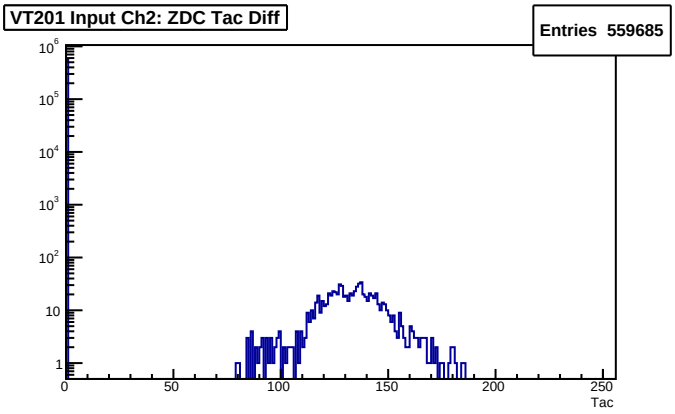

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

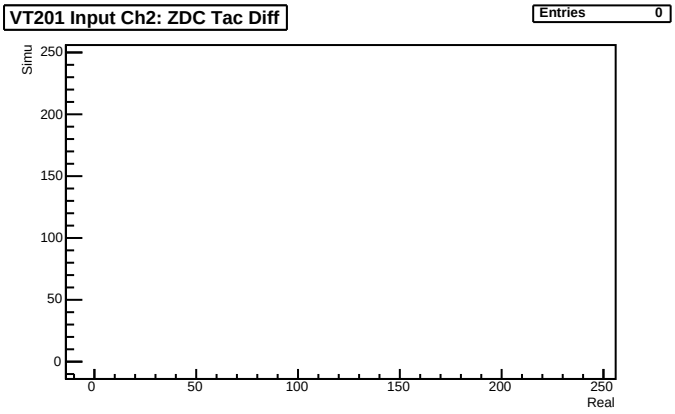

VT201 Input Ch1: EPD Tac Diff
Entries 559685
Tac

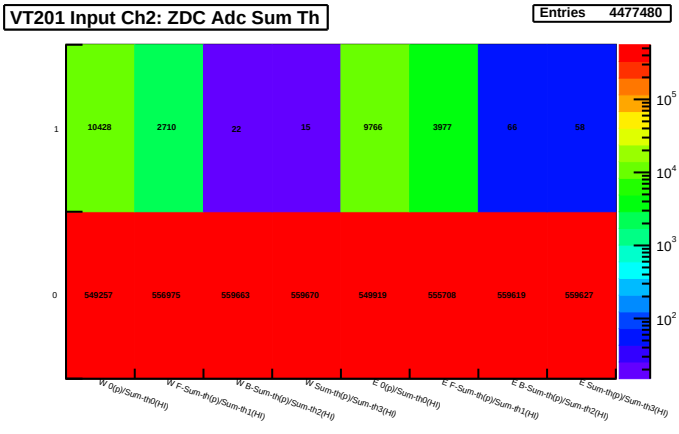

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

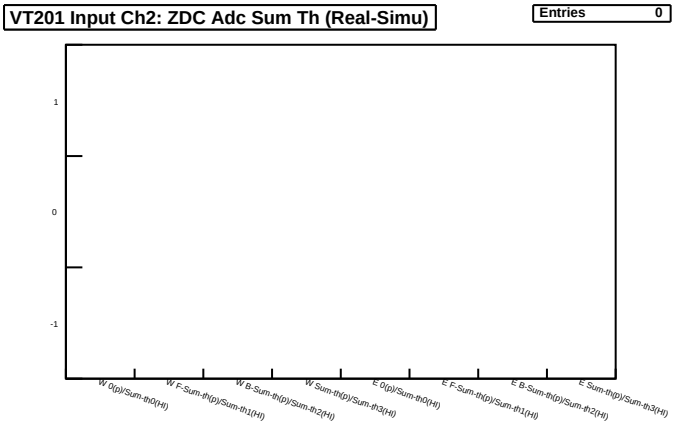

VT201 Input Ch1: EPD Hit Count Th
Entries 1119370
552896
551867
6789
7818
East
West

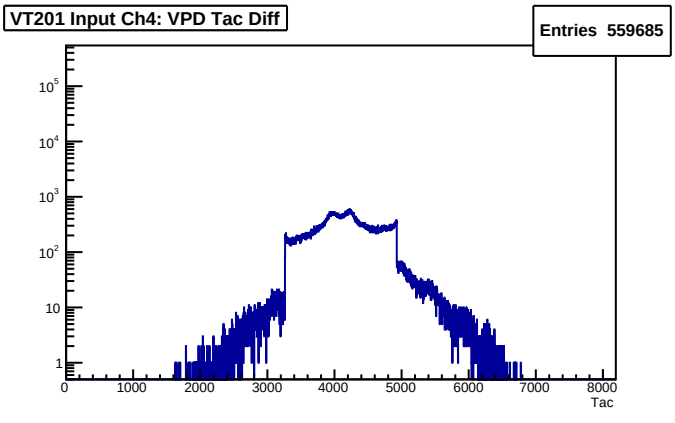

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

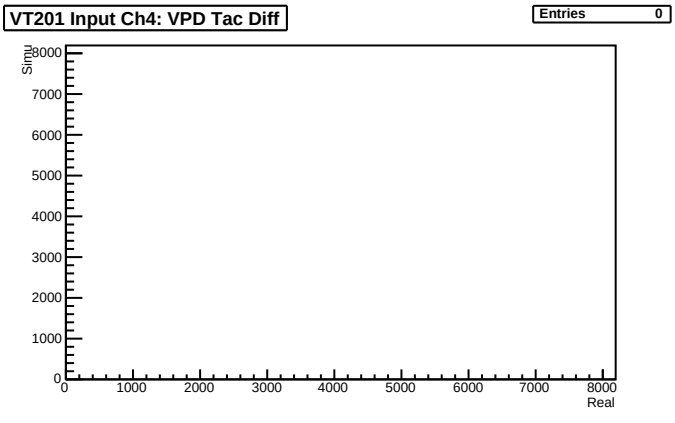

VT201 Input Ch2: ZDC Tac Diff
Entries 559685
Tac

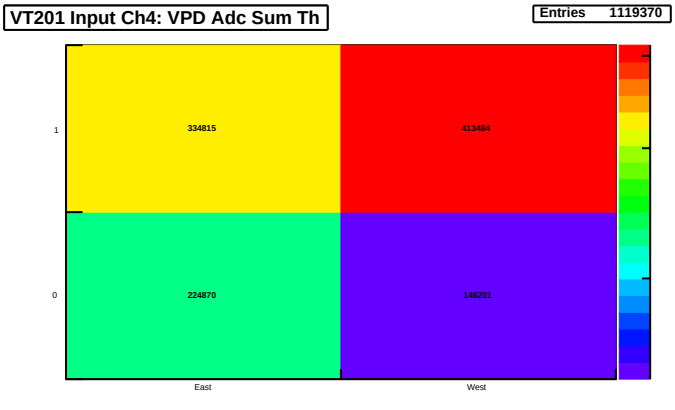

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

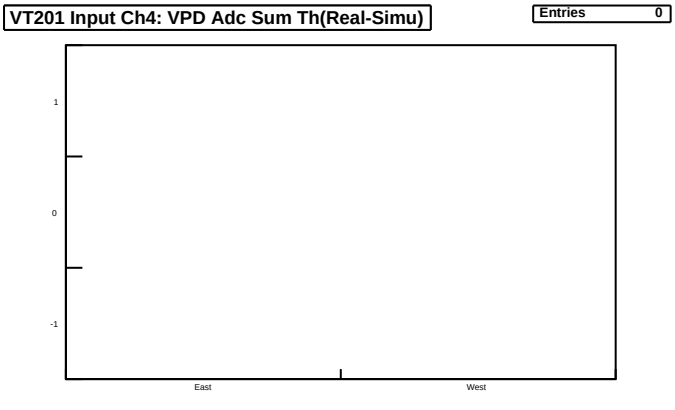

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4477480
10428
2710
22
15
9766
3977
66
58
549257
556975
559663
559670
549919
555708
559619
559627
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

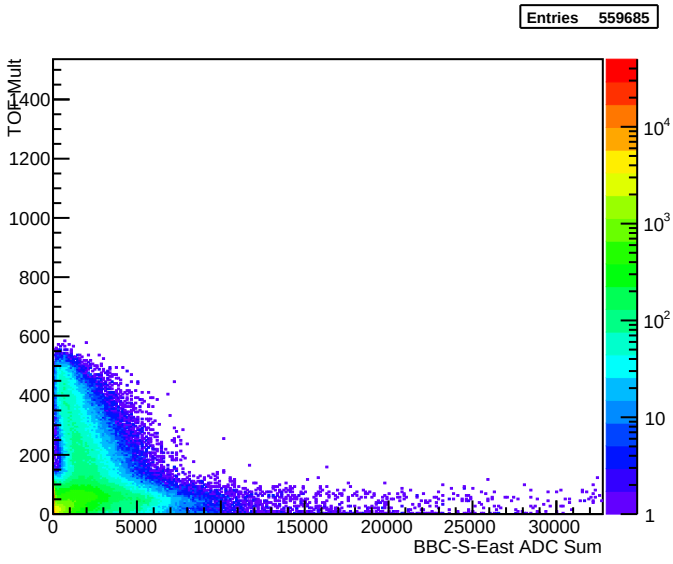

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

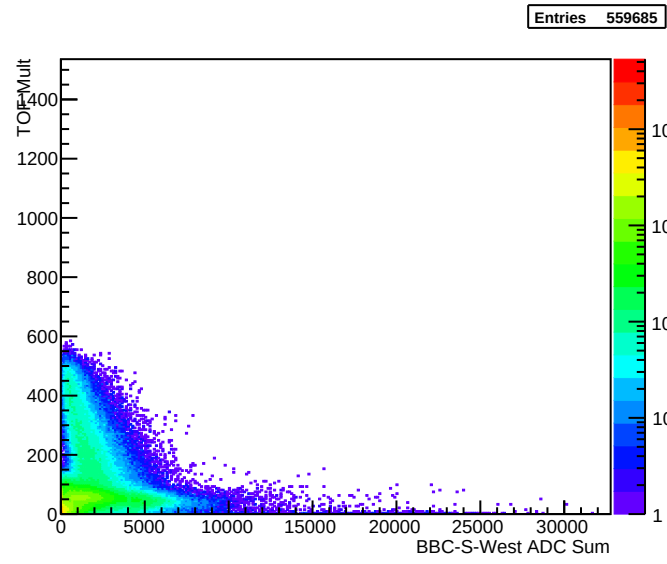

VT201 Input Ch4: VPD Tac Diff
Entries 559685
Tac

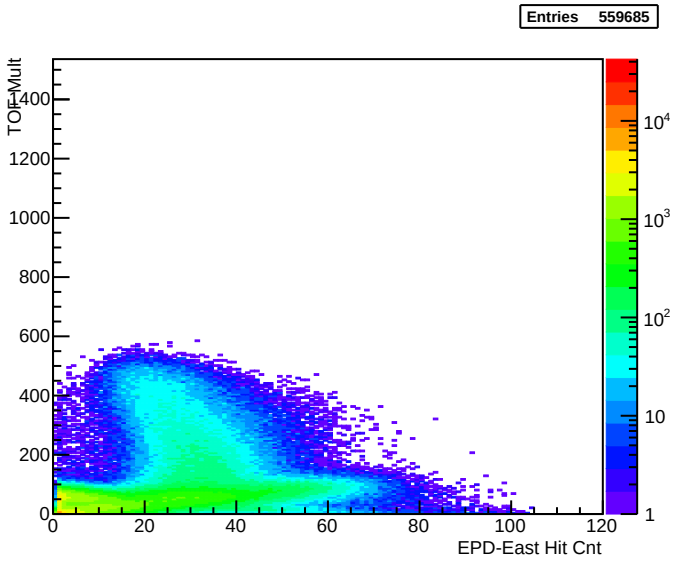

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

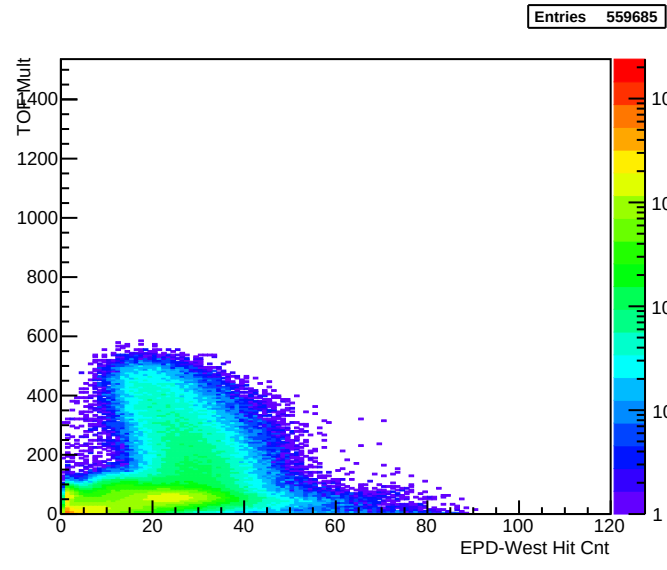

VT201 Input Ch4: VPD Adc Sum Th
Entries 1119370
334815
413484
224870
146201
East
West

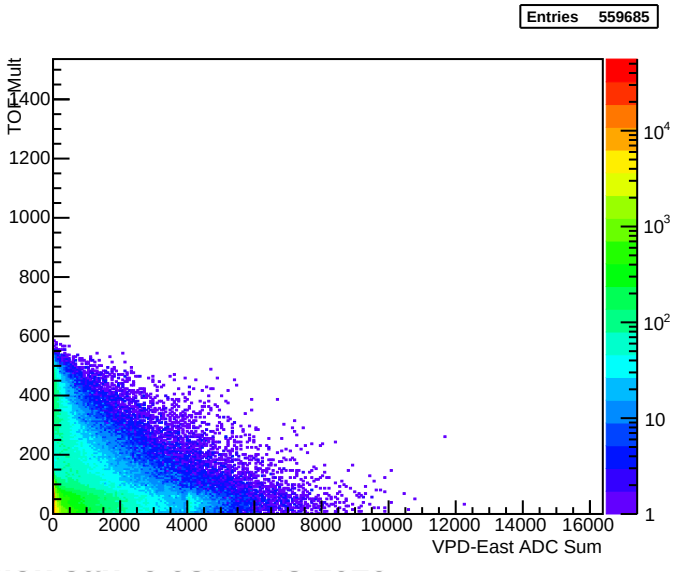

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

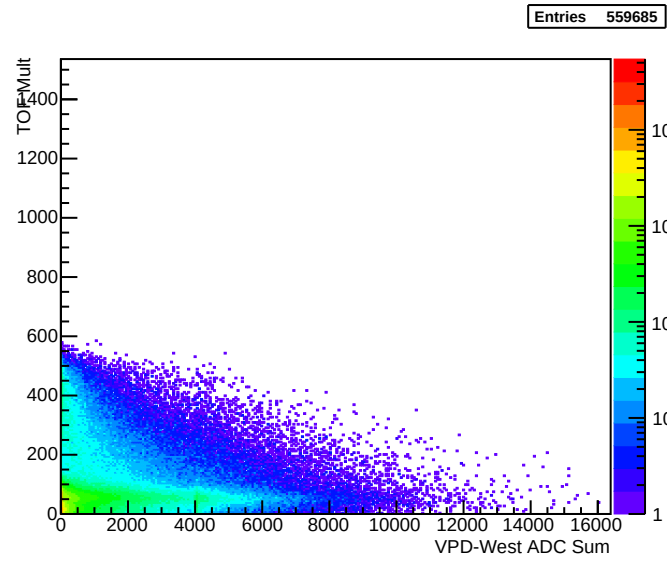

Entries 559685
TOF-Mult
BBC-S-East ADC Sum

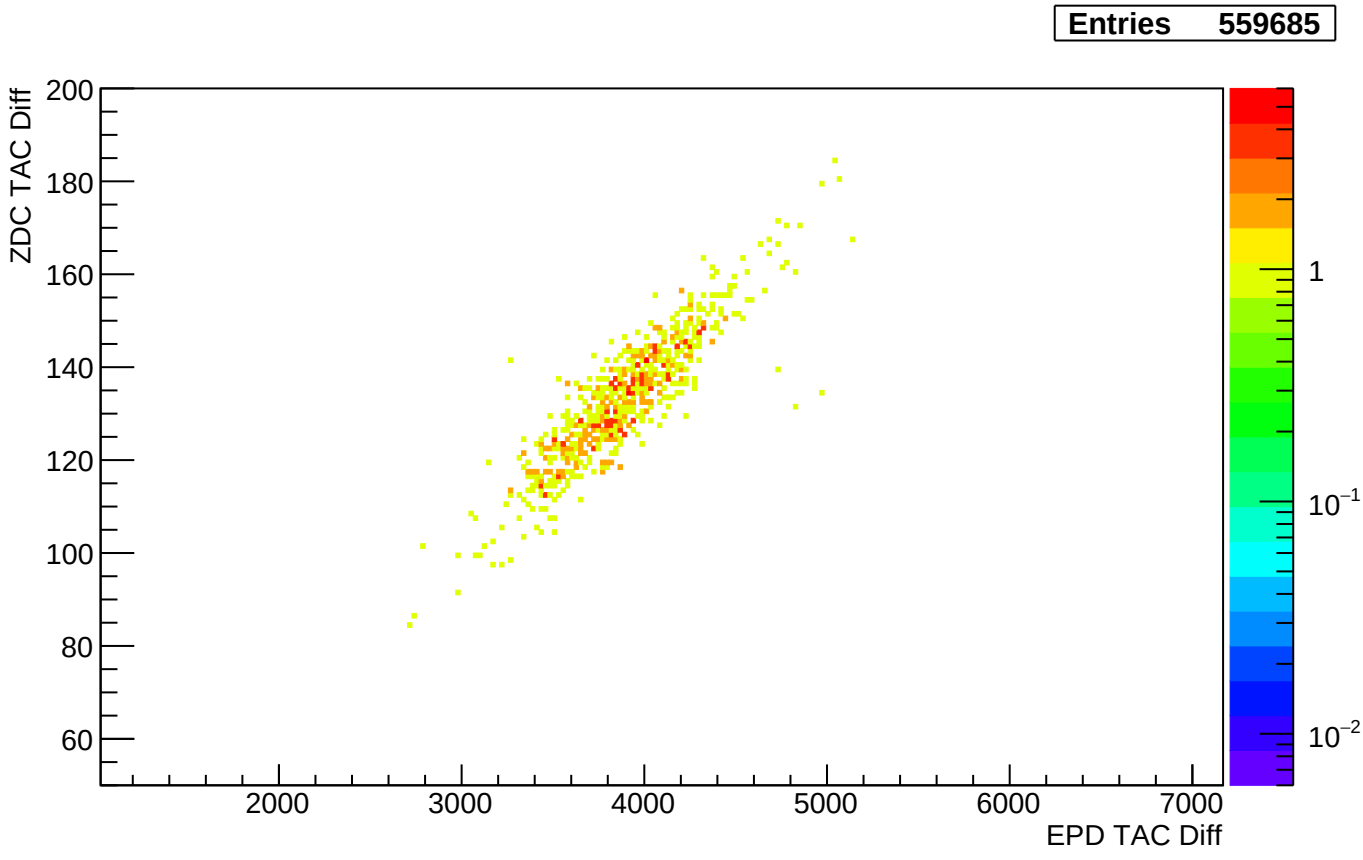

Entries 559685
TOF-Mult
BBC-S-West ADC Sum

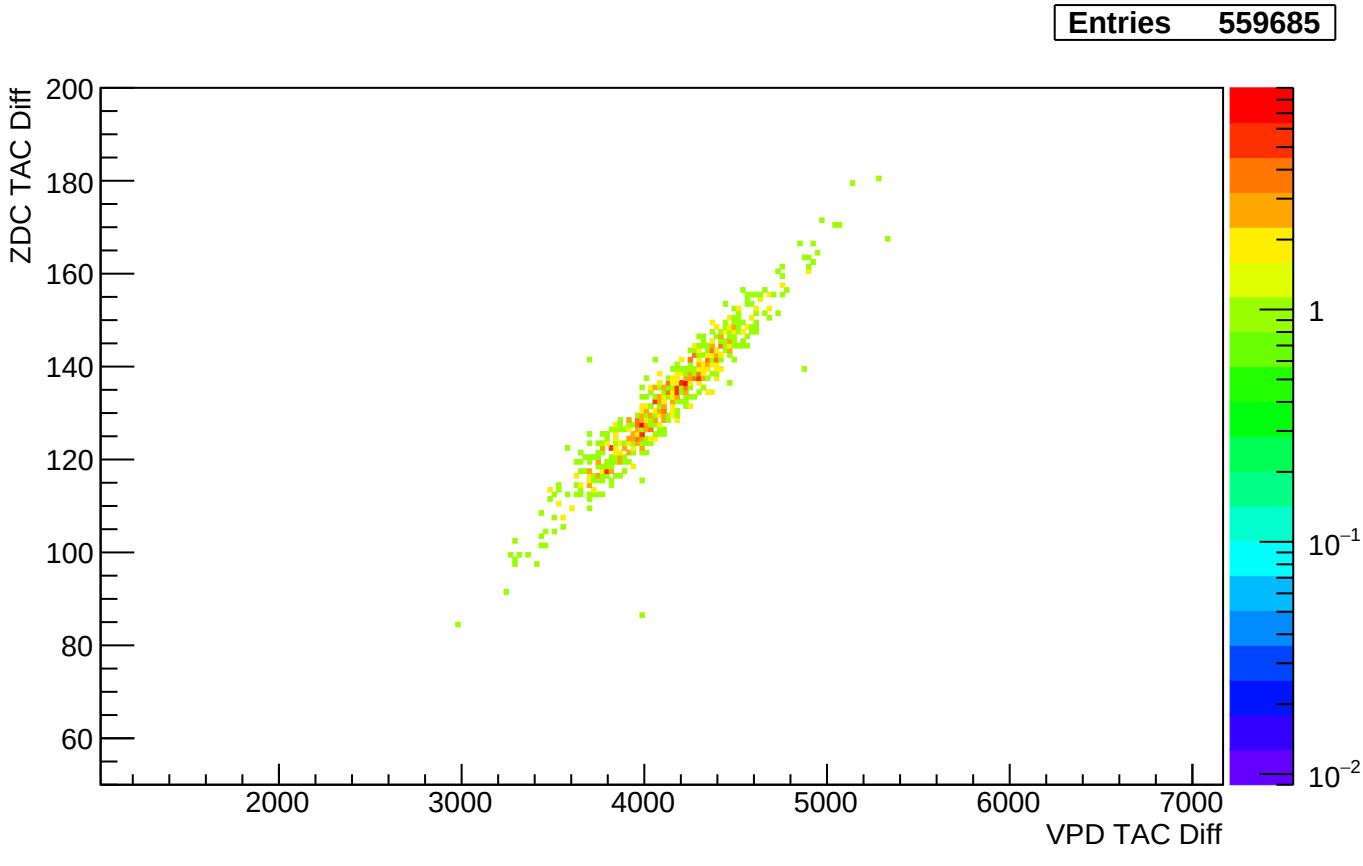

Entries 559685
TOF-Mult
EPD-East Hit Cnt

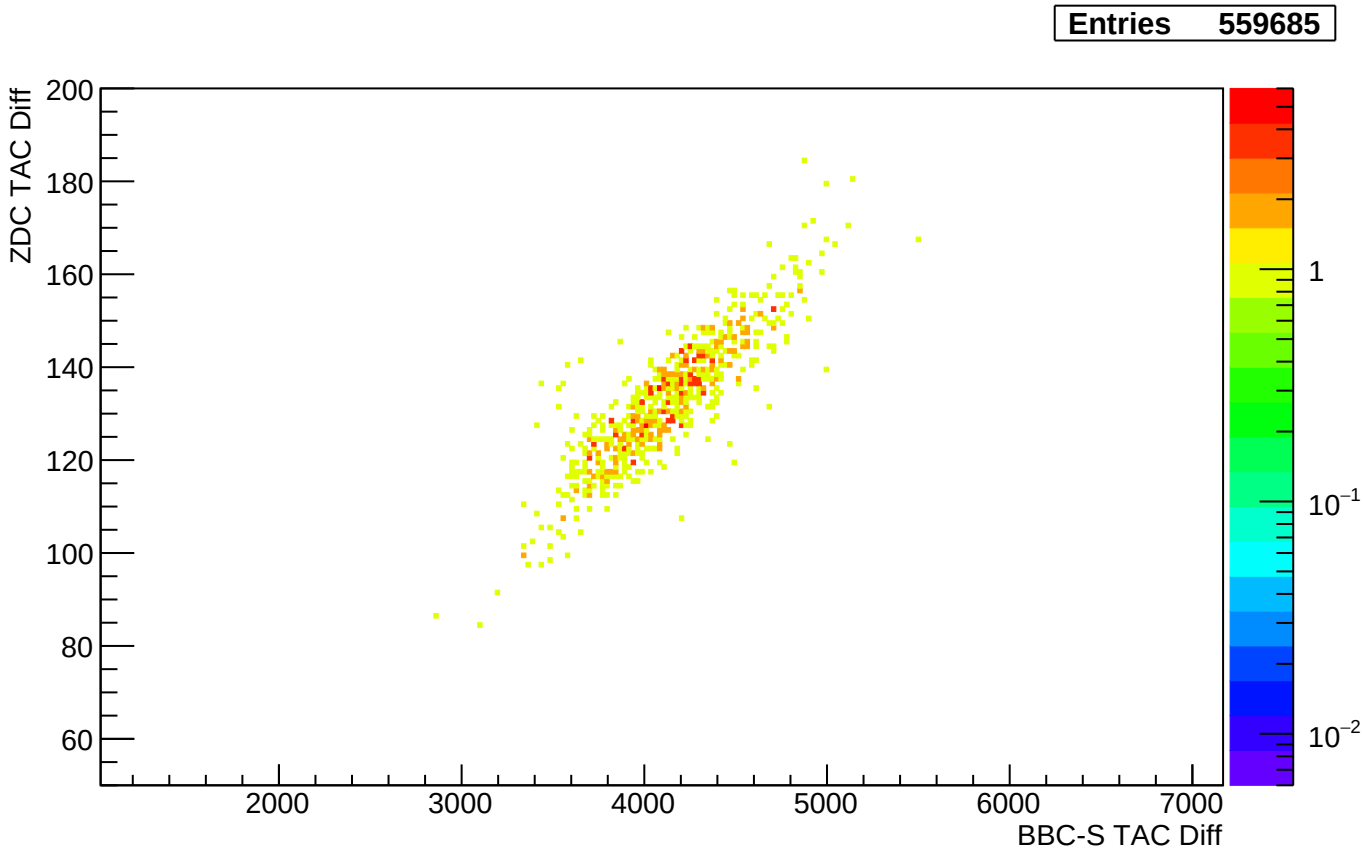

Entries 559685
TOF-Mult
EPD-West Hit Cnt

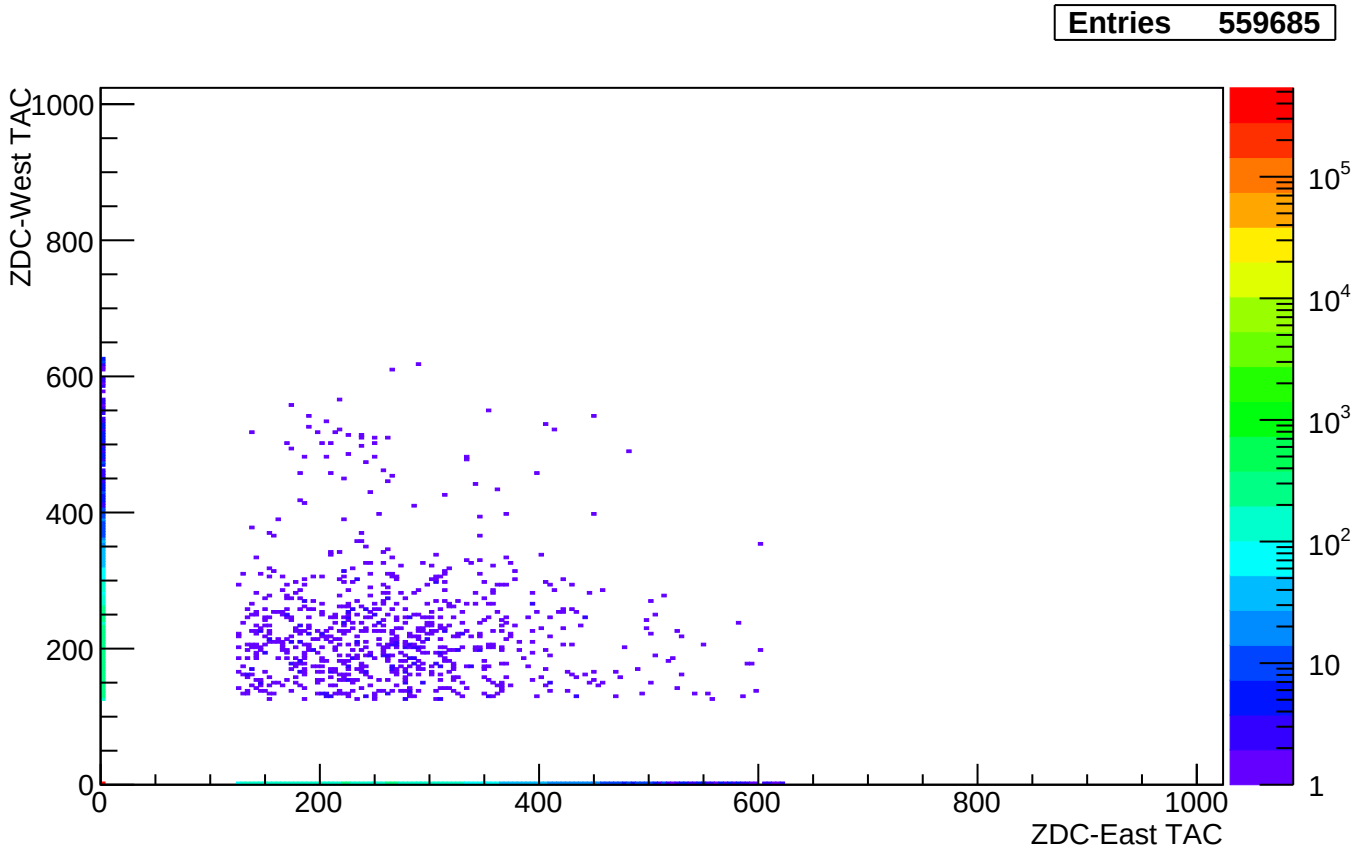

Entries 559685
TOF-Mult
VPD-East ADC Sum

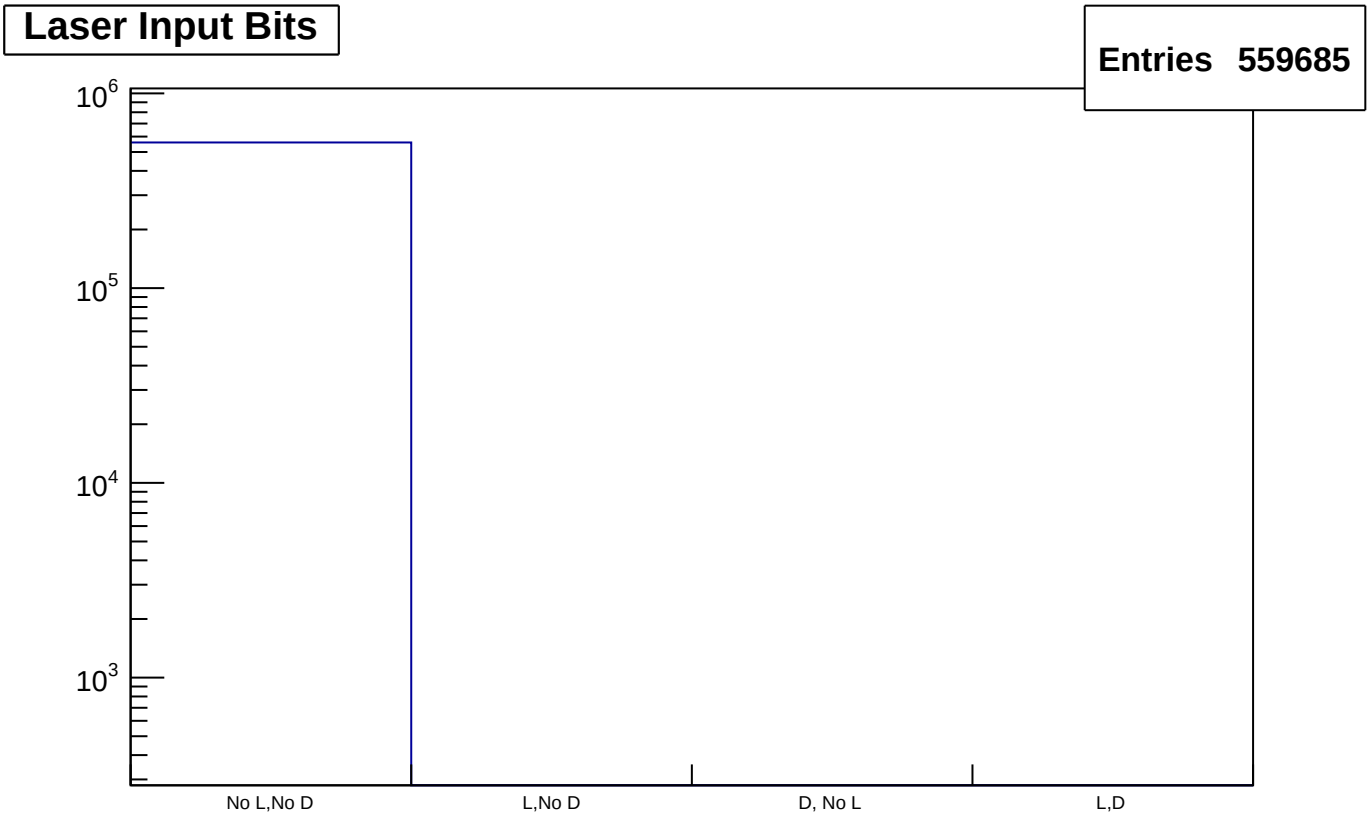

Entries 559685
TOF-Mult
VPD-West ADC Sum

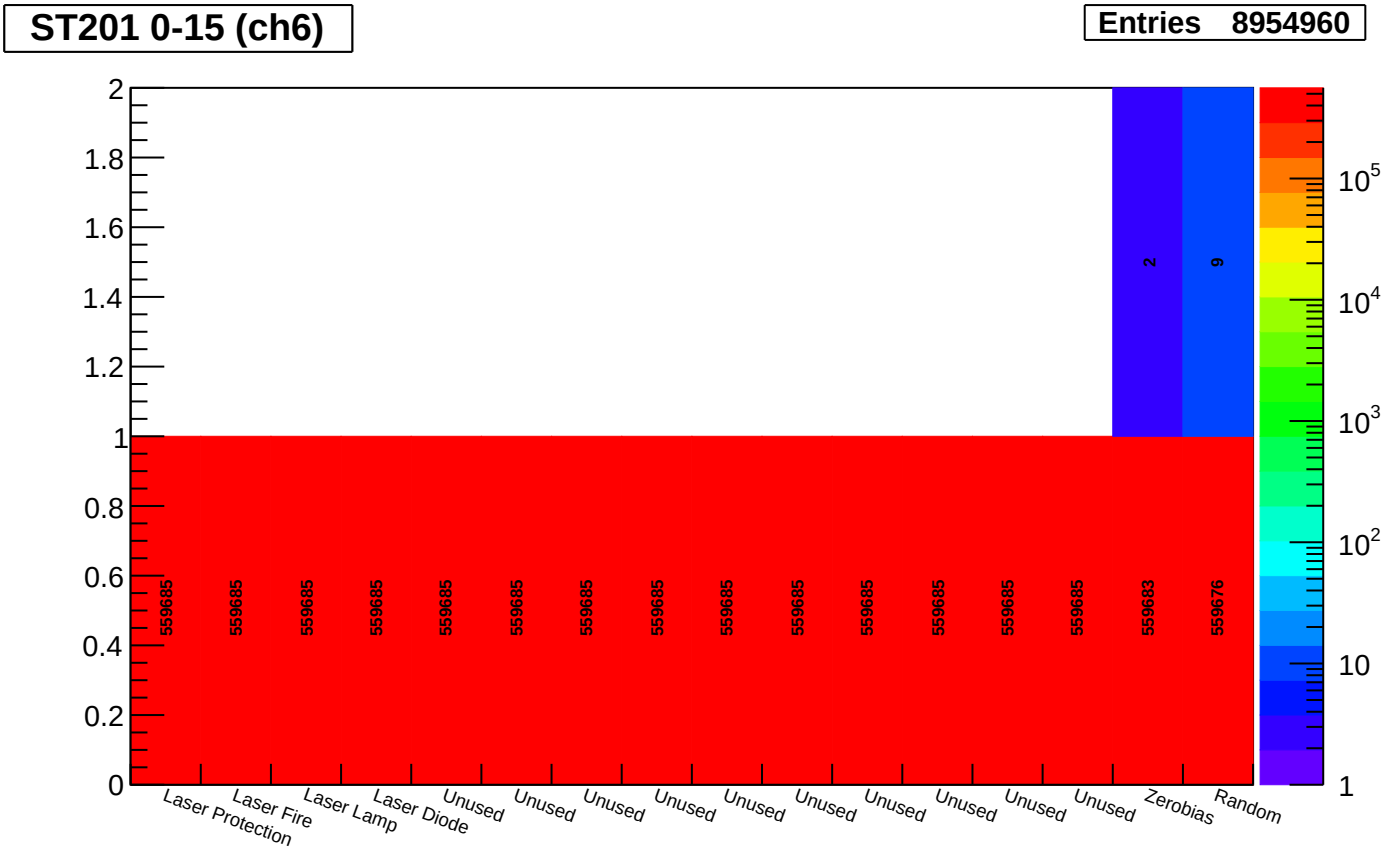

Entries 559685
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

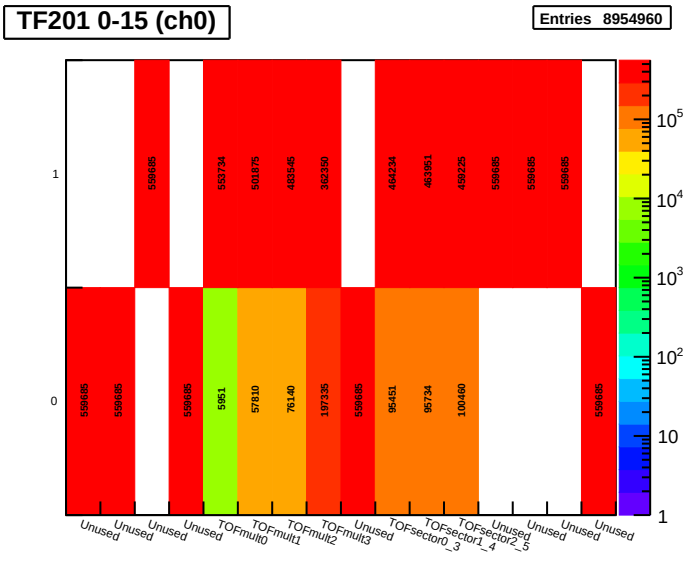

Entries 559685
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

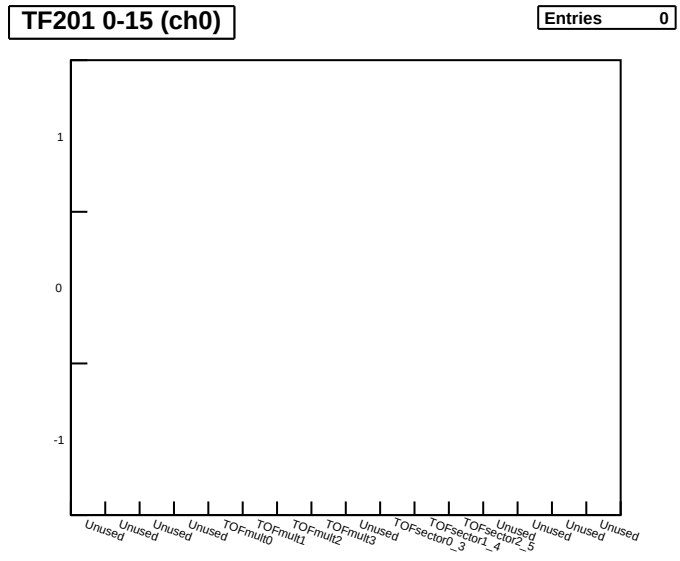

Entries 559685
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

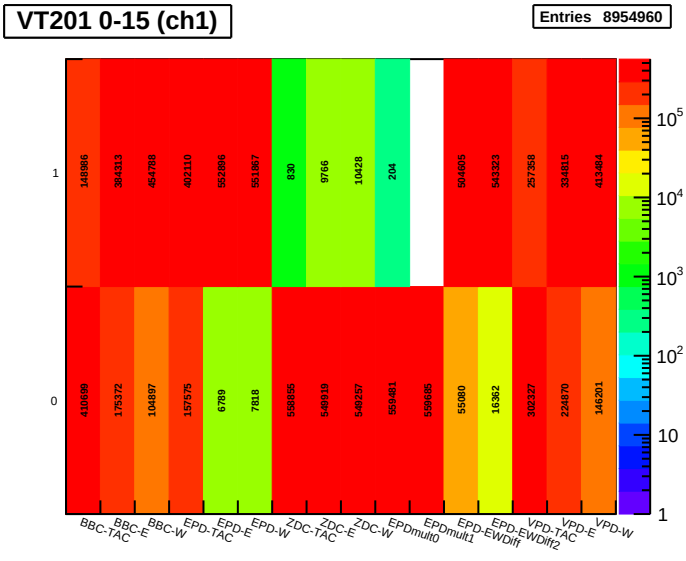

Entries 559685
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

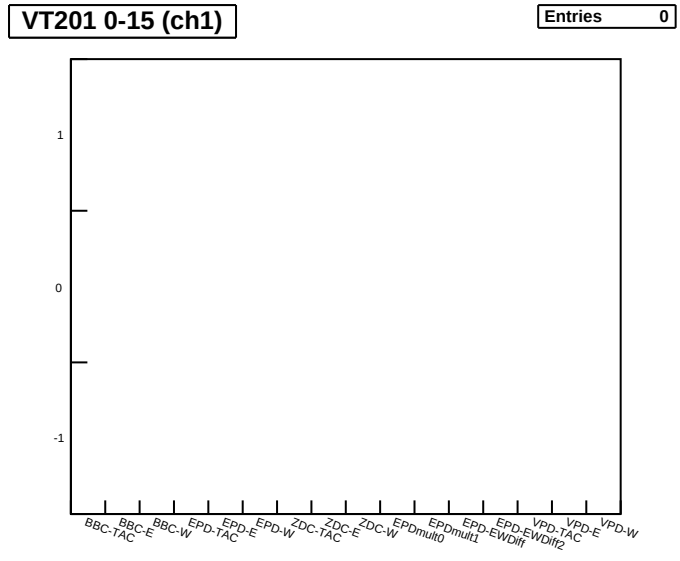

Laser Input Bits
Entries 559685
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

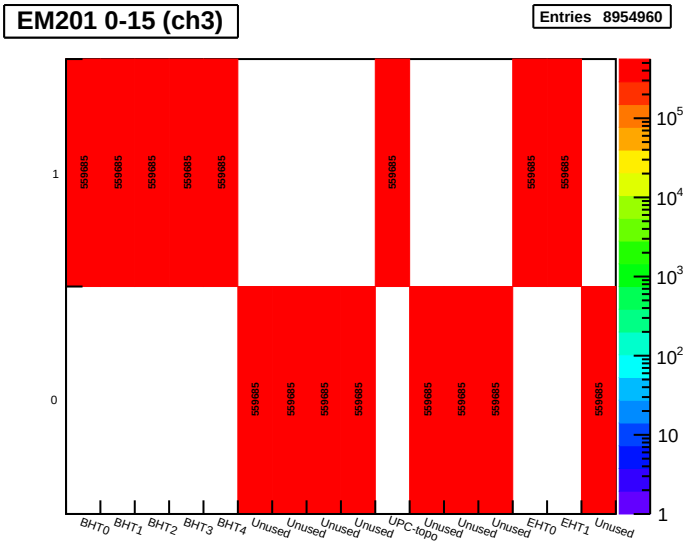

ST201 0-15 (ch6)
Entries 8954960
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
559685
559685
559685
559685
559685
559685
559685
559685
559685
559685
559685
559685
559685
559685
559683
559676
2
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

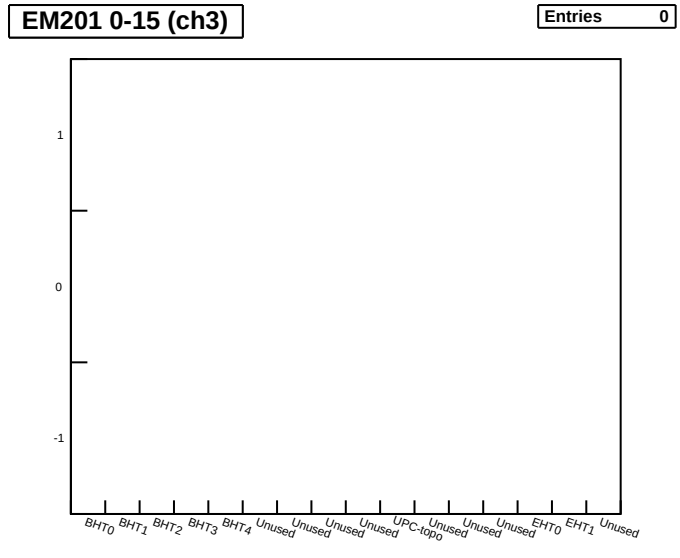

TF201 0-15 (ch0)
Entries 8954960
1
0
559685
553734
501875
463545
362350
464234
463951
439225
559685
559685
559685
559685
559685
5951
57810
76140
197335
95451
95734
100460
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8954960
1
0
148966
384313
454788
402110
552896
551867
830
9766
10428
204
504605
543323
257358
334815
413484
410699
175372
104897
157575
6789
7818
558855
549919
549257
559481
559685
55080
16362
302327
224870
146201
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 8954960
1
0
559685
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1