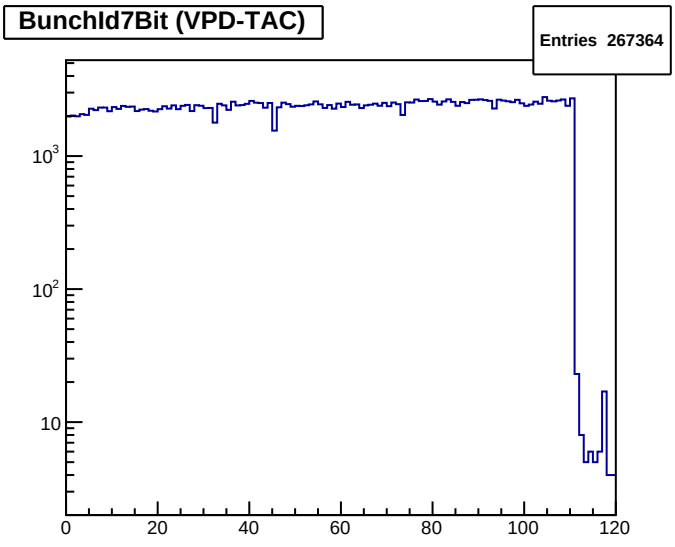
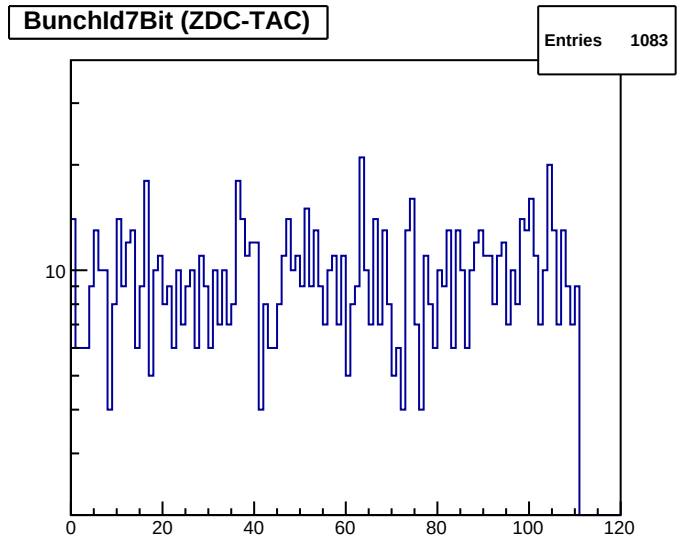
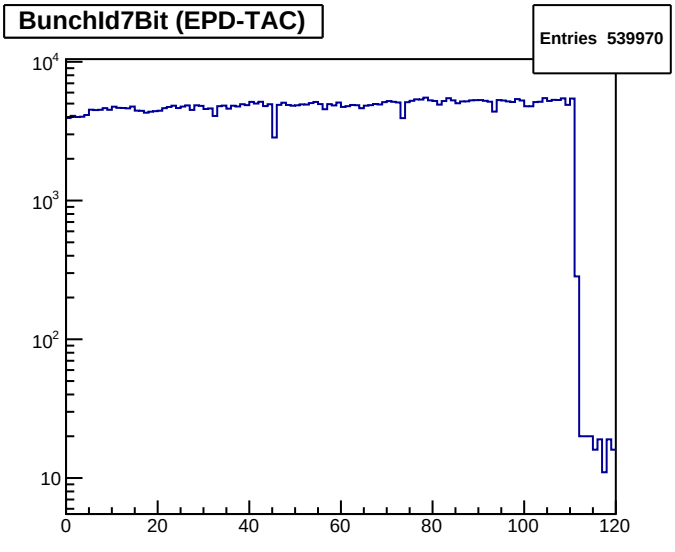
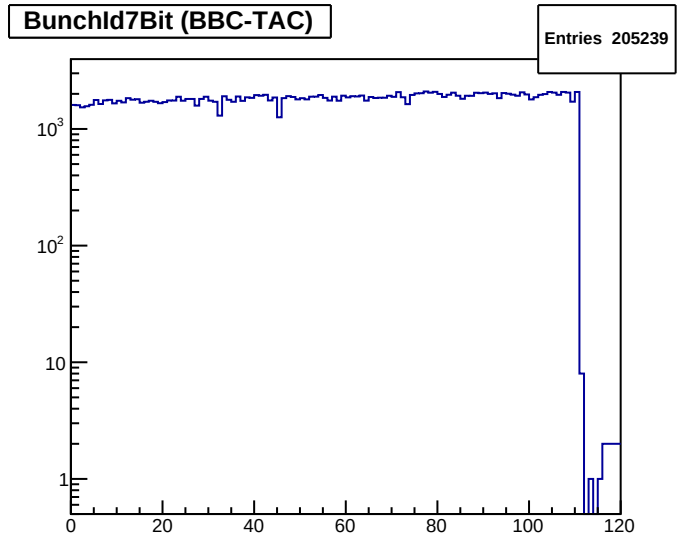
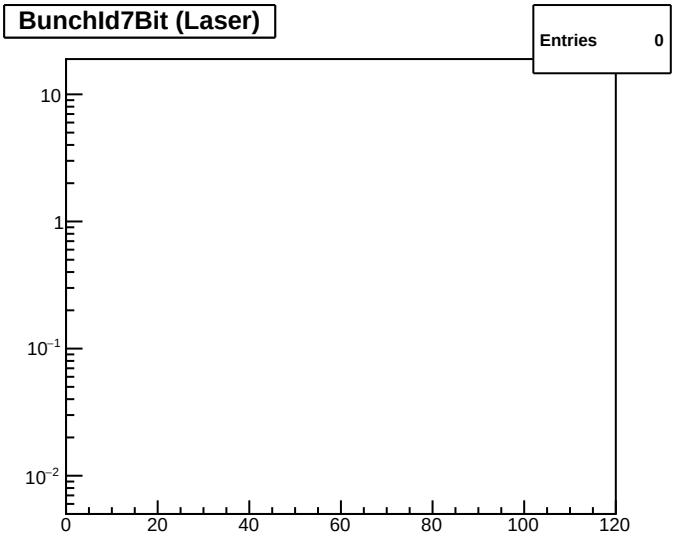
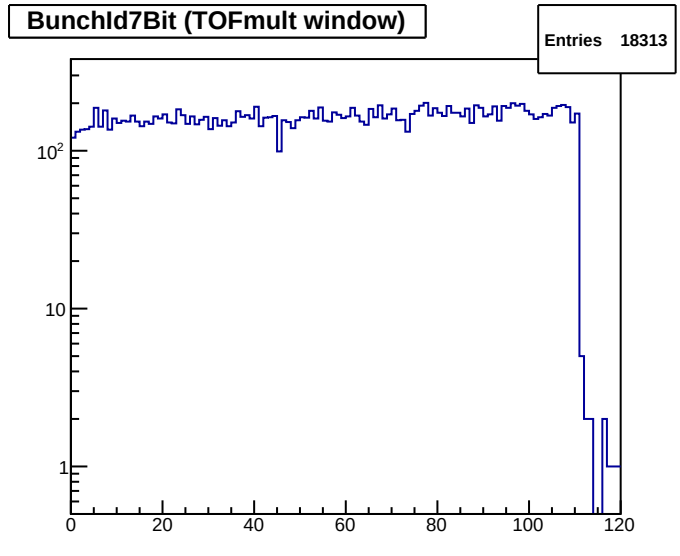

BunchId7Bit (VPD-TAC)
Entries 267364

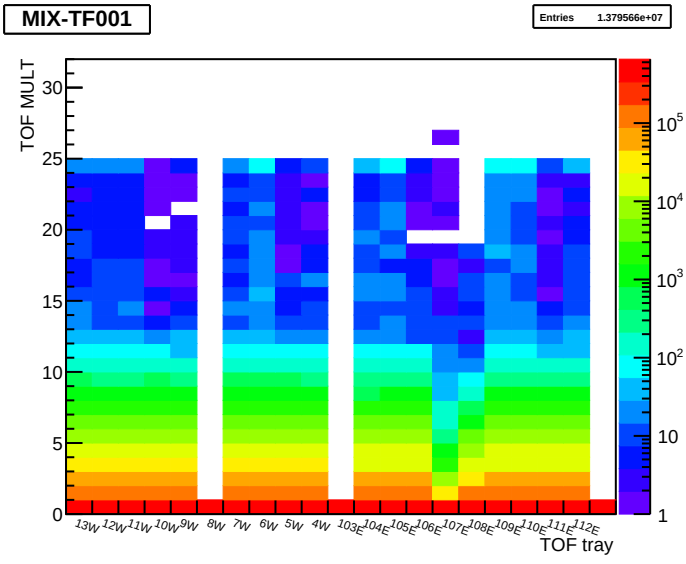

BunchId7Bit (ZDC-TAC)
Entries 1083

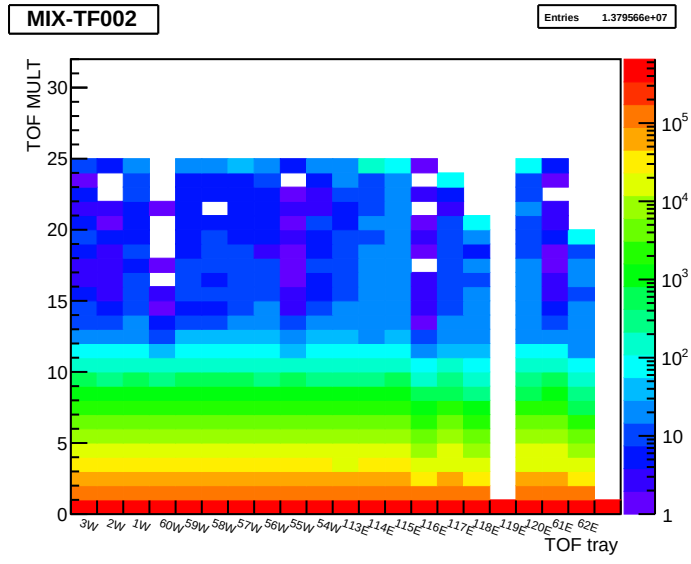

BunchId7Bit (EPD-TAC)
Entries 539970

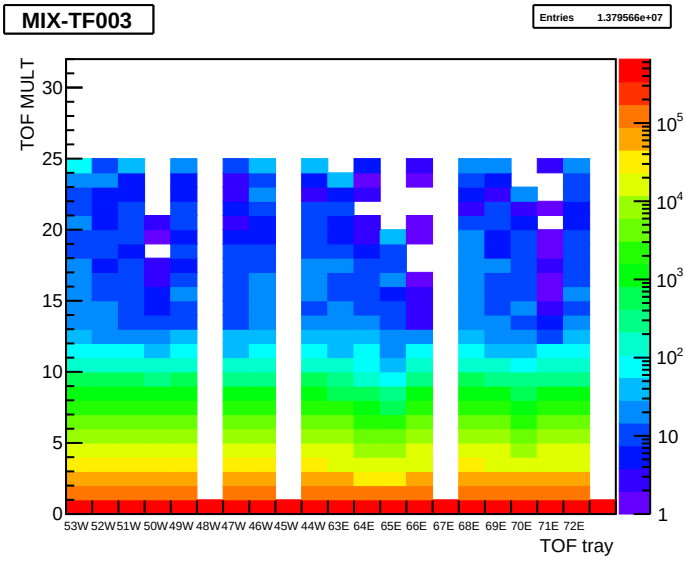

BunchId7Bit (BBC-TAC)
Entries 205239

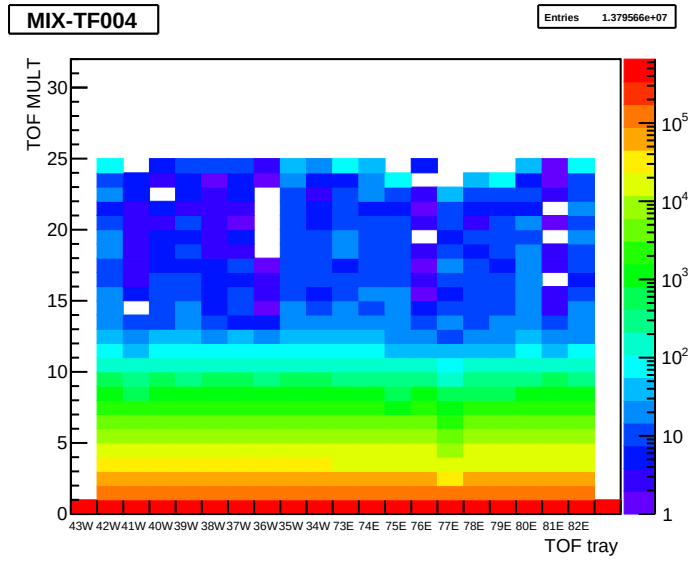

BunchId7Bit (Laser)
Entries 0

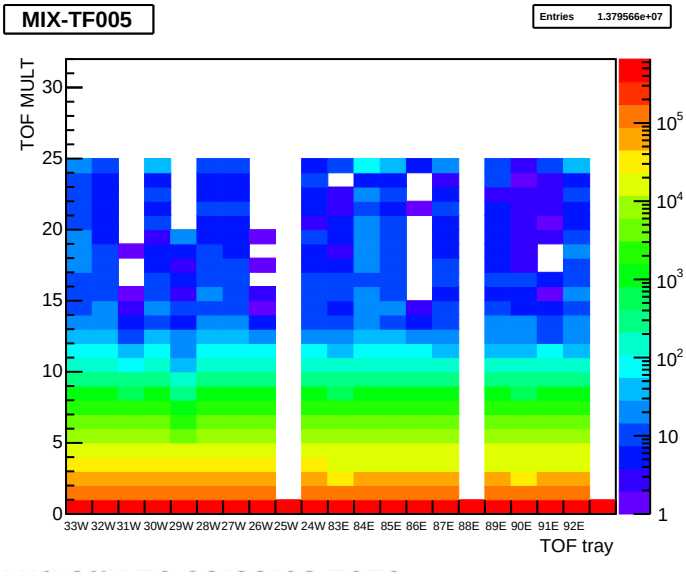

BunchId7Bit (TOFmult window)
Entries 18313

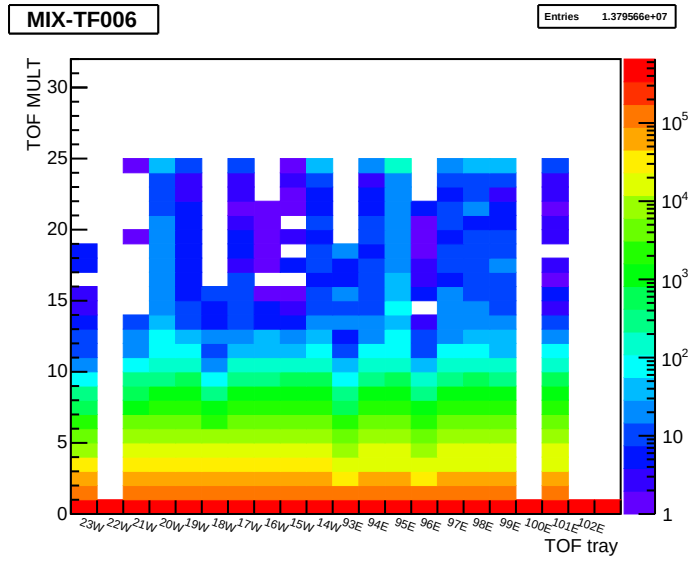

MIX-TF001
Entries 1.379566e+07
TOF MULT
TOF tray

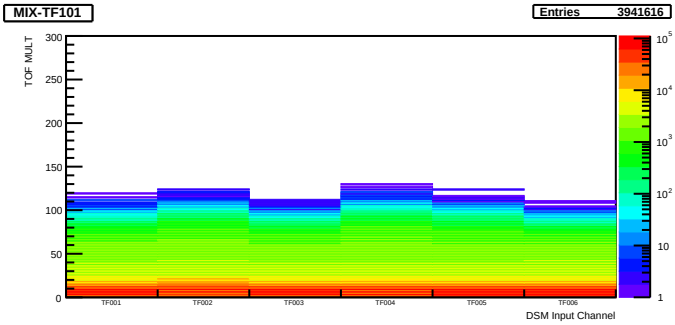

MIX-TF002
Entries 1.379566e+07
TOF MULT
TOF tray

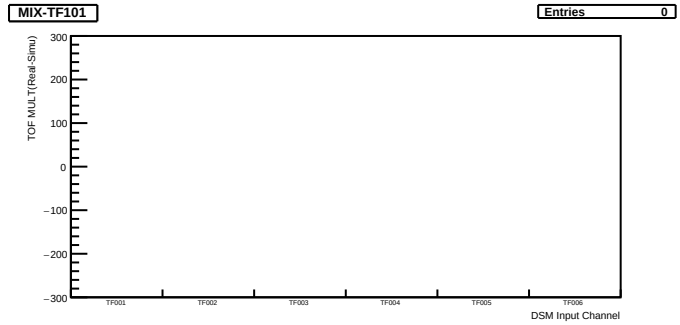

MIX-TF003
Entries 1.379566e+07
TOF MULT
TOF tray

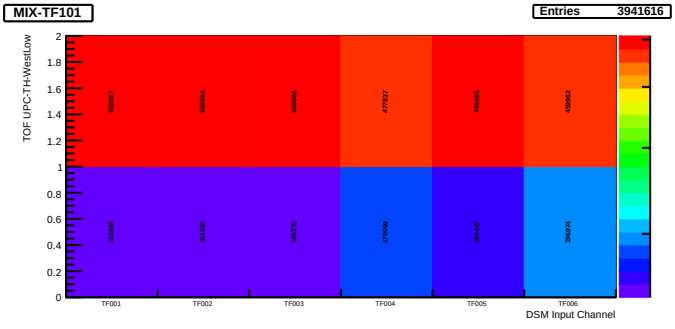

MIX-TF004
Entries 1.379566e+07
TOF MULT
TOF tray

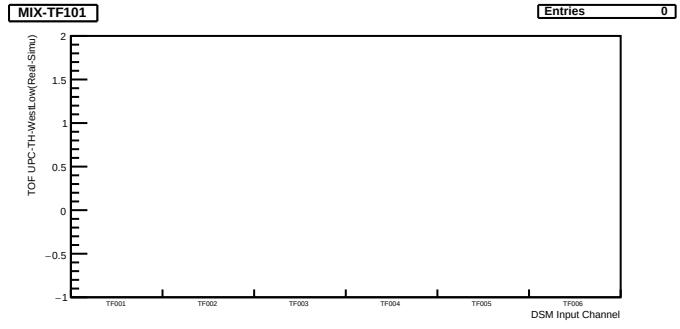

MIX-TF005
Entries 1.379566e+07
TOF MULT
TOF tray

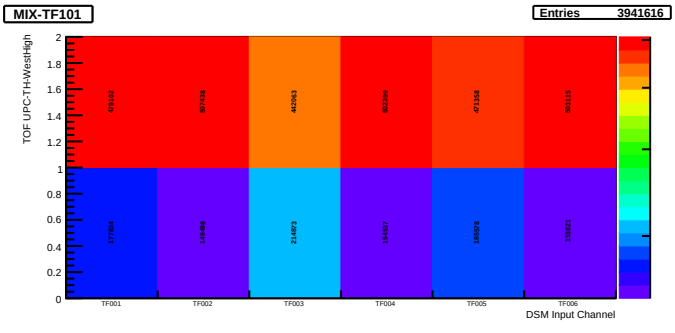

MIX-TF006
Entries 1.379566e+07
TOF MULT
TOF tray

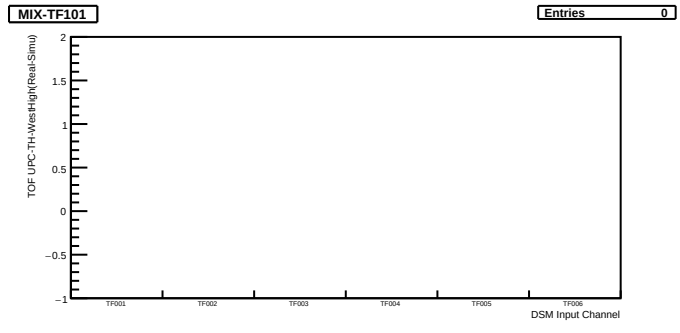

MIX-TF101
Entries 3941616
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

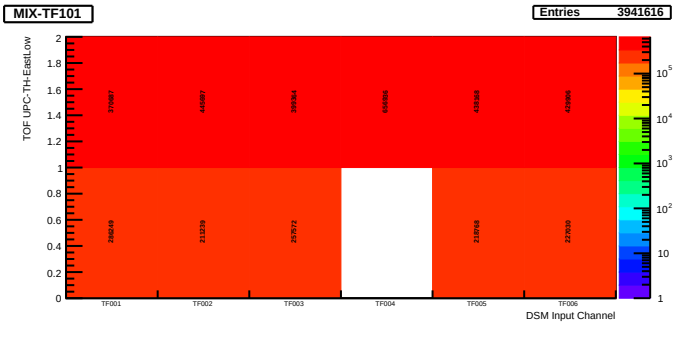

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

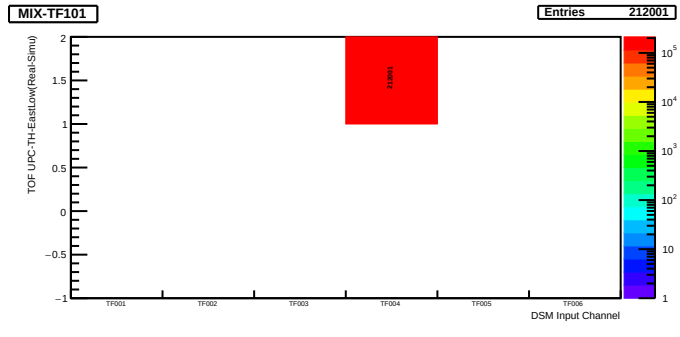

MIX-TF101
Entries 3941616
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

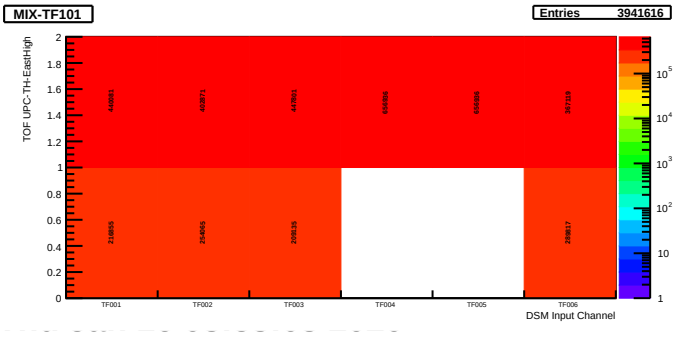

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

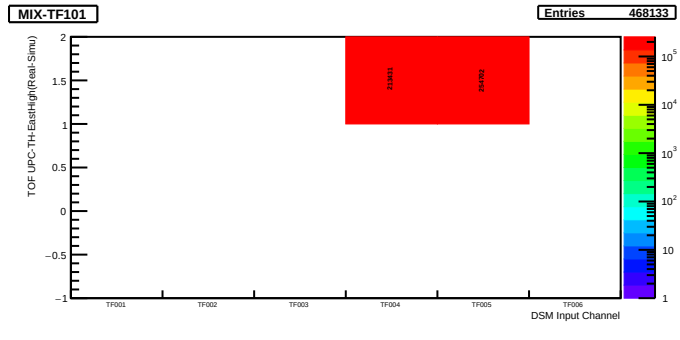

MIX-TF101
Entries 3941616
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

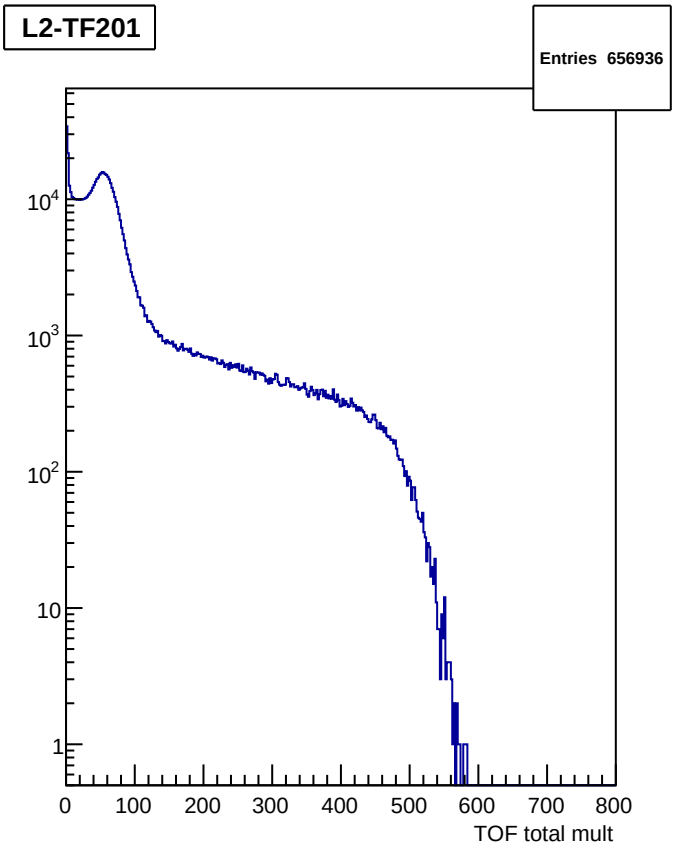

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

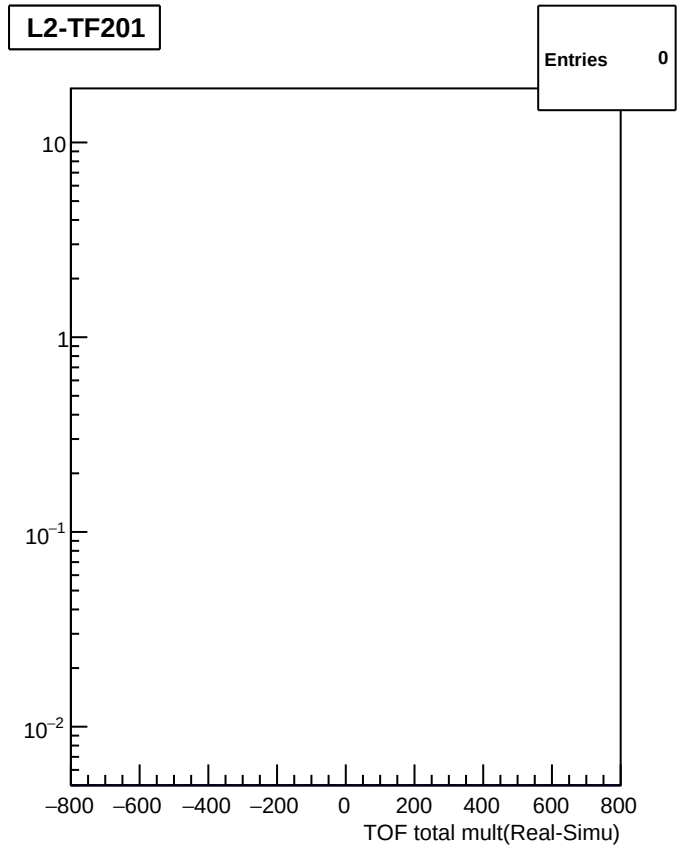

MIX-TF101
Entries 3941616
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

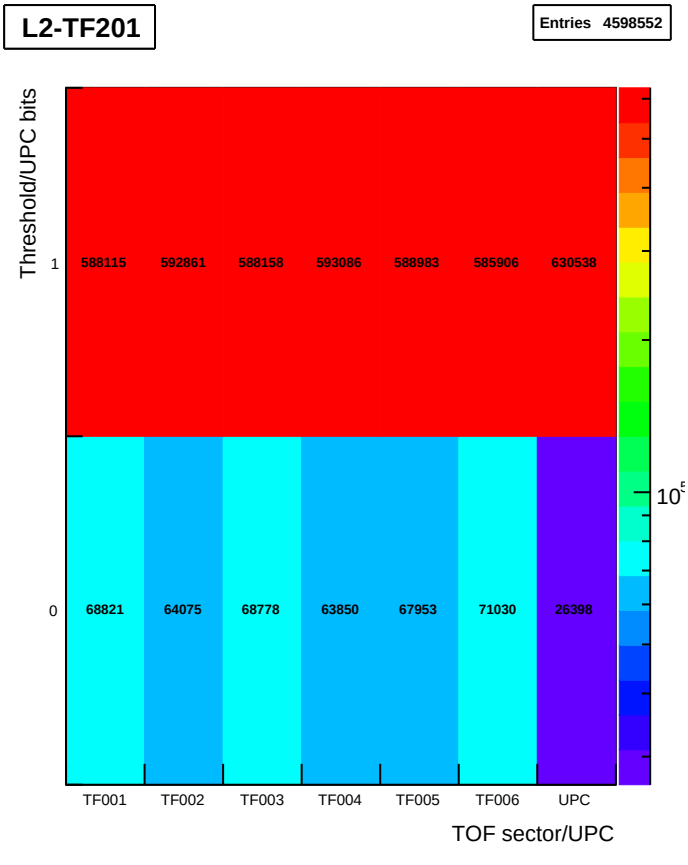

MIX-TF101
Entries 212001
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

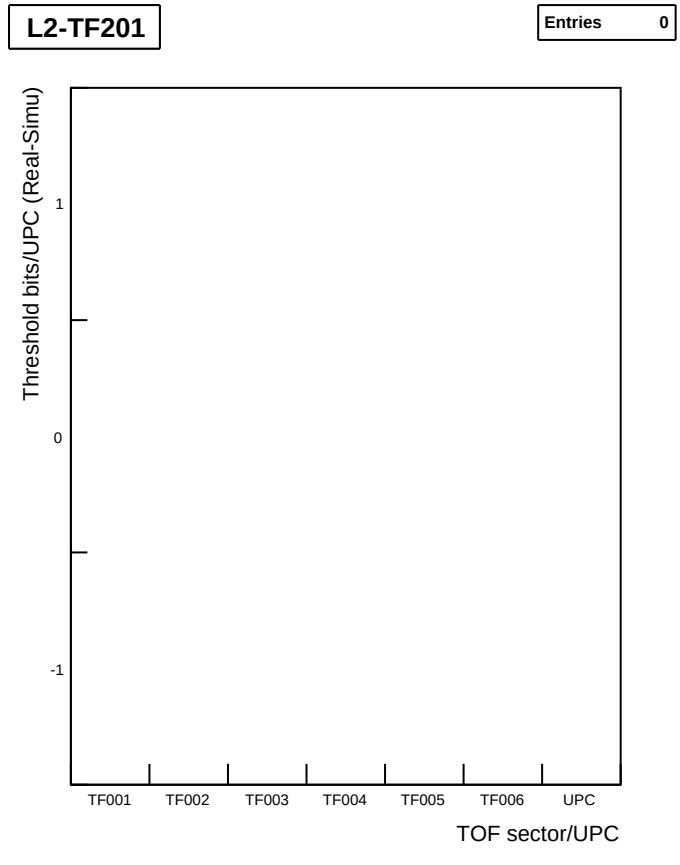

MIX-TF101
Entries 3941616
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

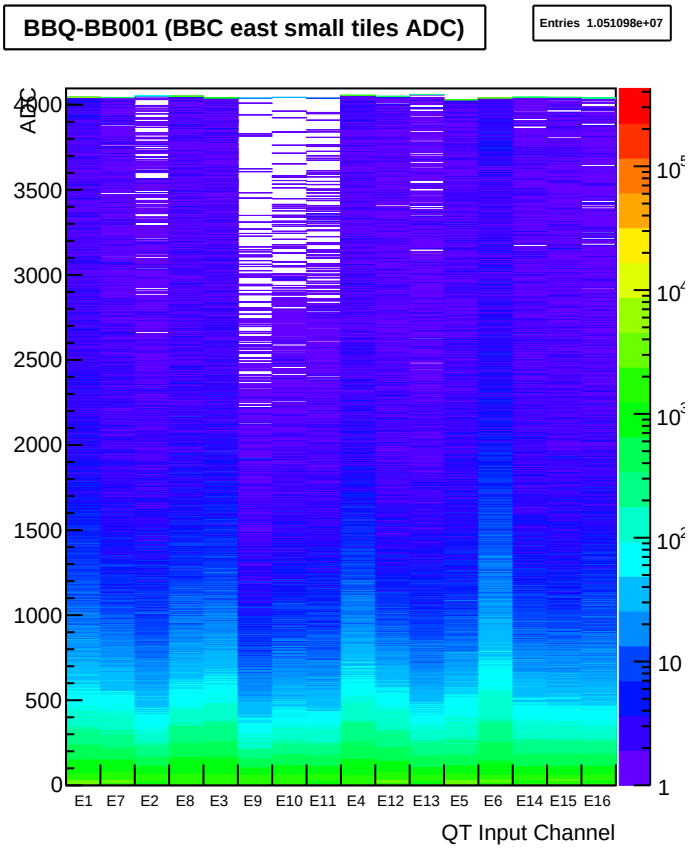

MIX-TF101
Entries 468133
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

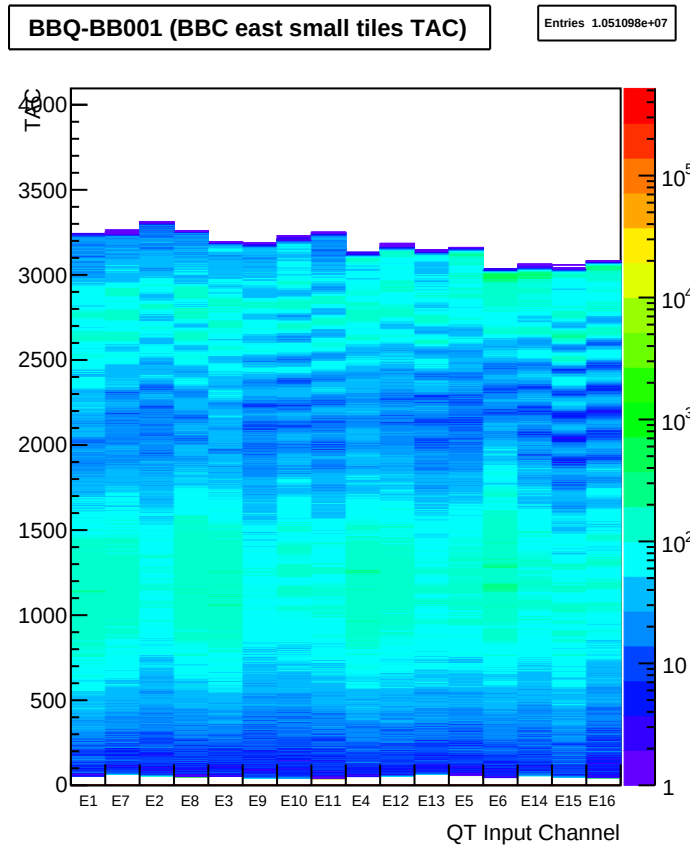

L2-TF201
Entries 656936
TOF total mult

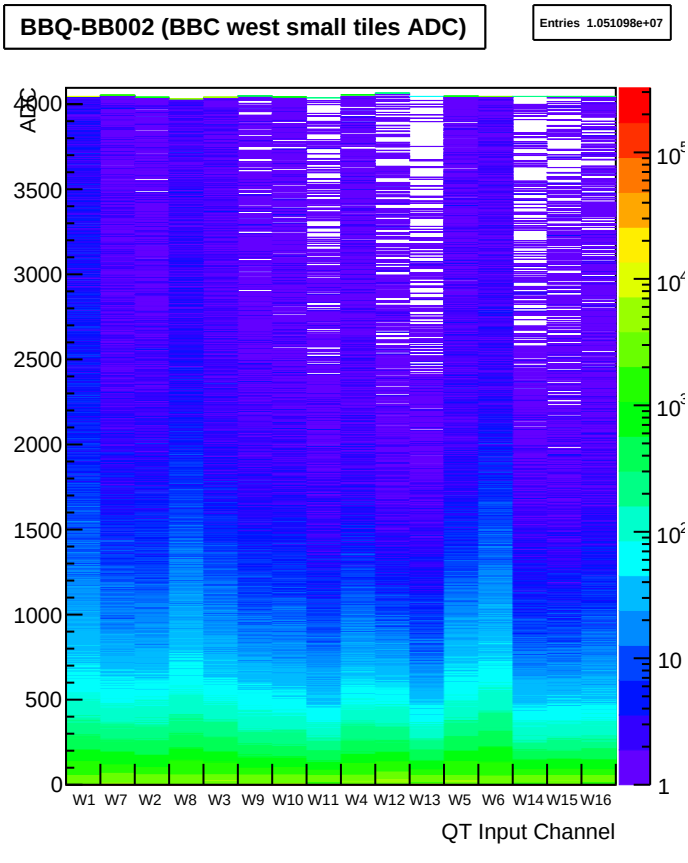

L2-TF201
Entries 0
TOF total mult(Real-Simu)

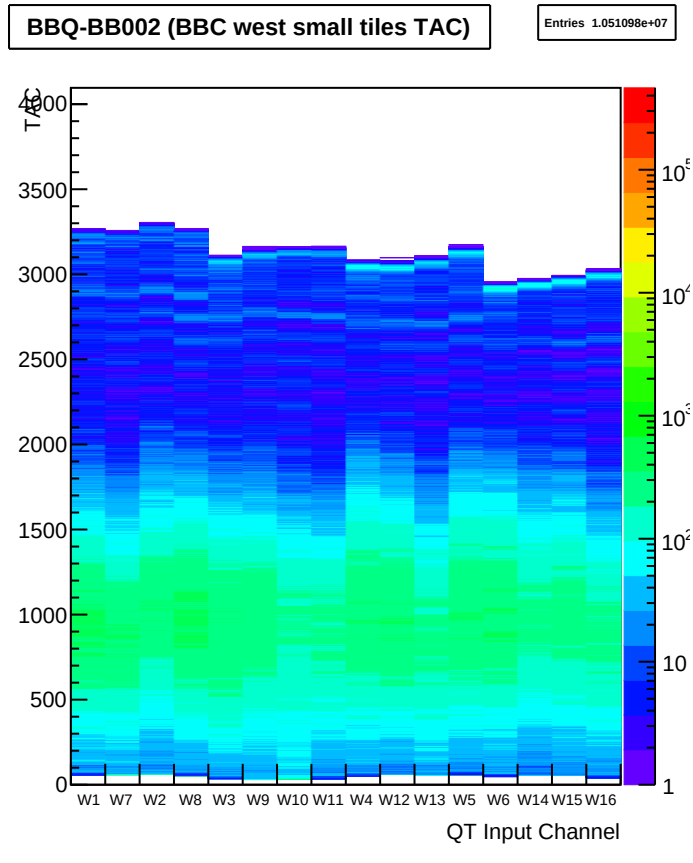

L2-TF201
Entries 4598552
Threshold/UPC bits
588115
592861
588158
593086
588983
585906
630538
68821
64075
68778
63850
67953
71030
26398
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

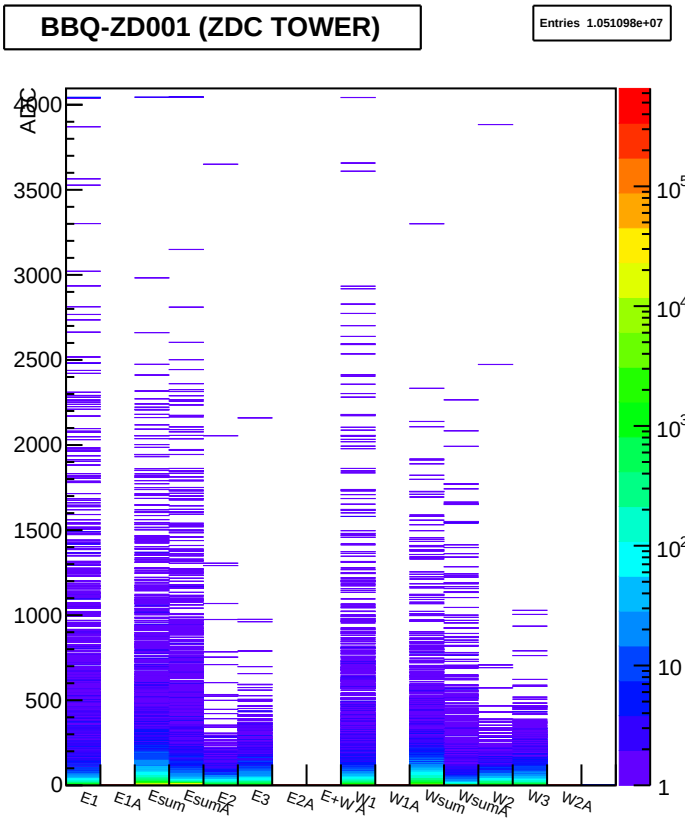

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

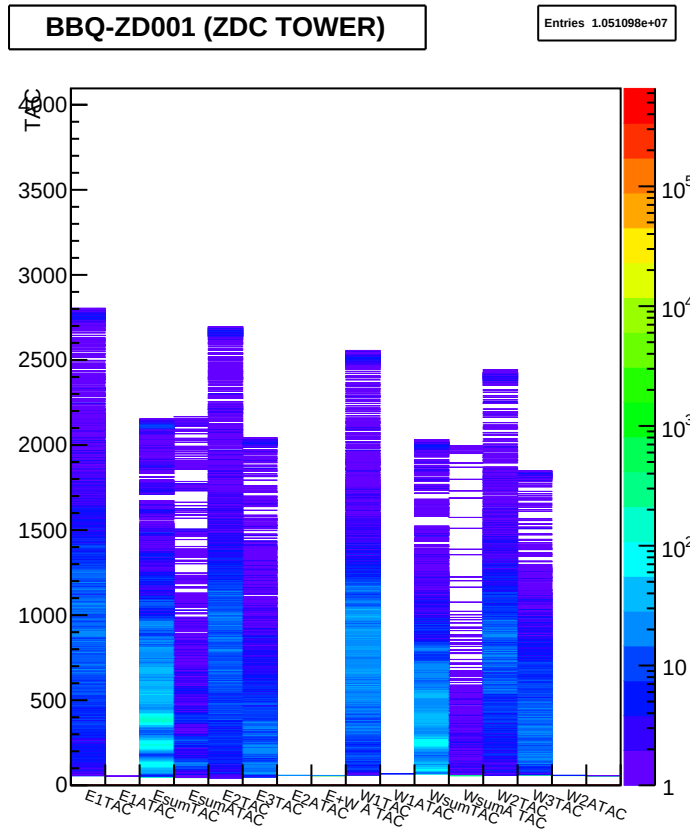

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.051098e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

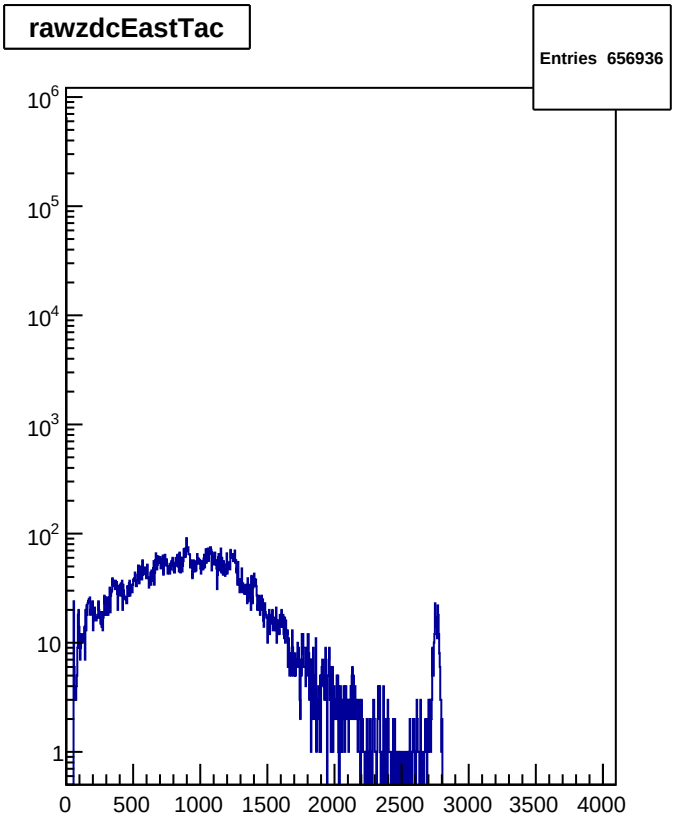

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.051098e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

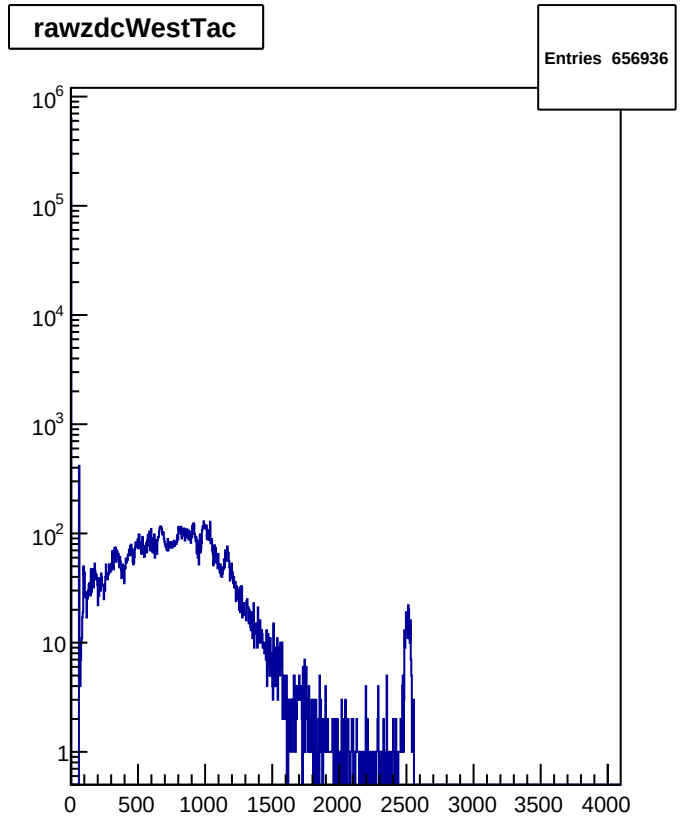

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.051098e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

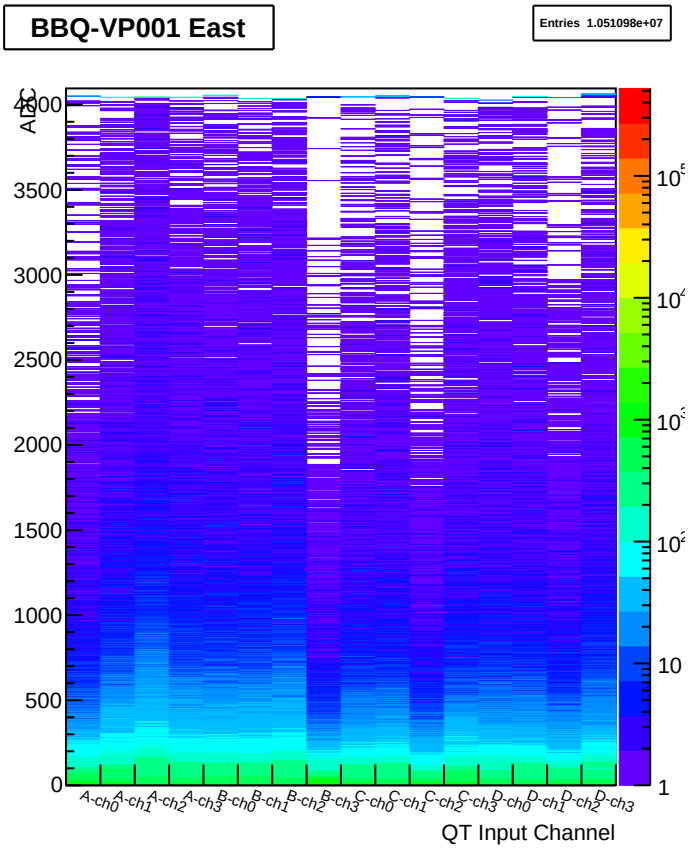

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.051098e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

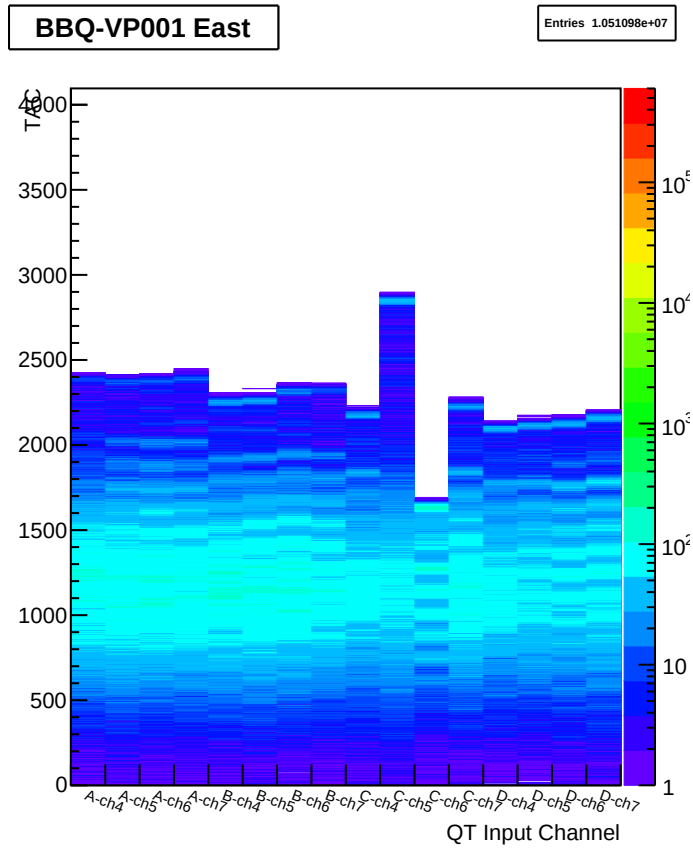

BBQ-ZD001 (ZDC TOWER)
Entries 1.051098e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

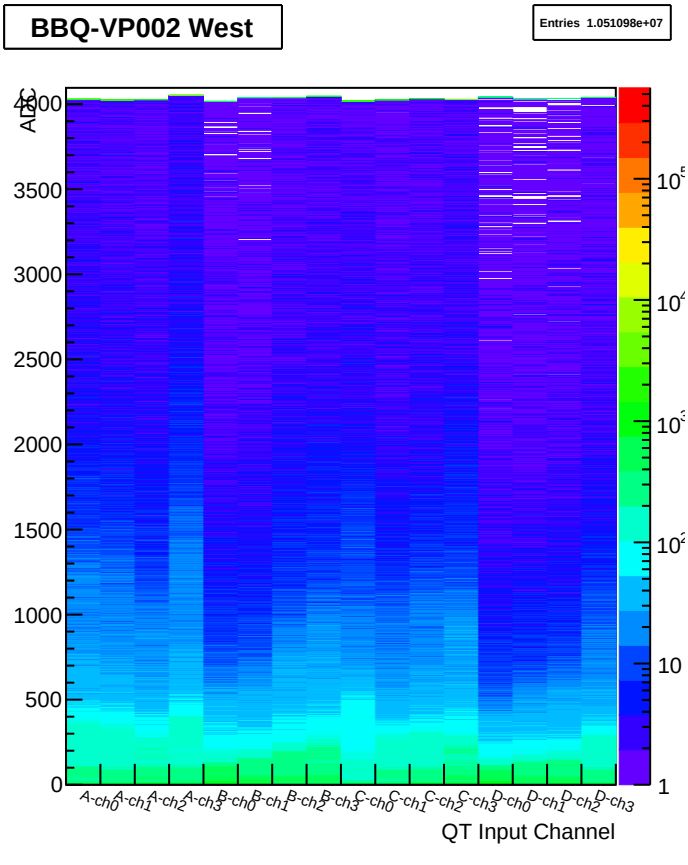

BBQ-ZD001 (ZDC TOWER)
Entries 1.051098e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

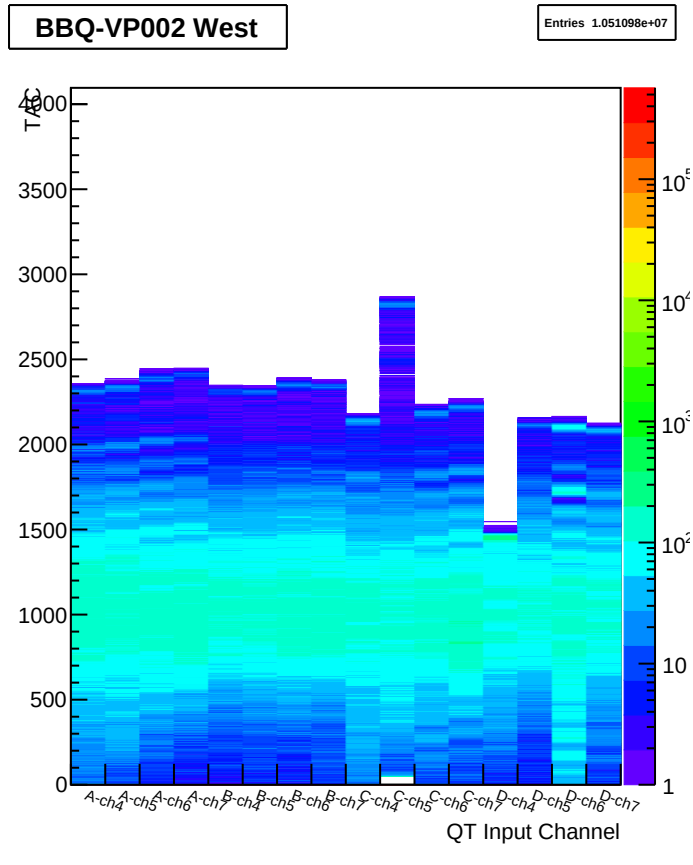

rawzdcEastTac
Entries 656936

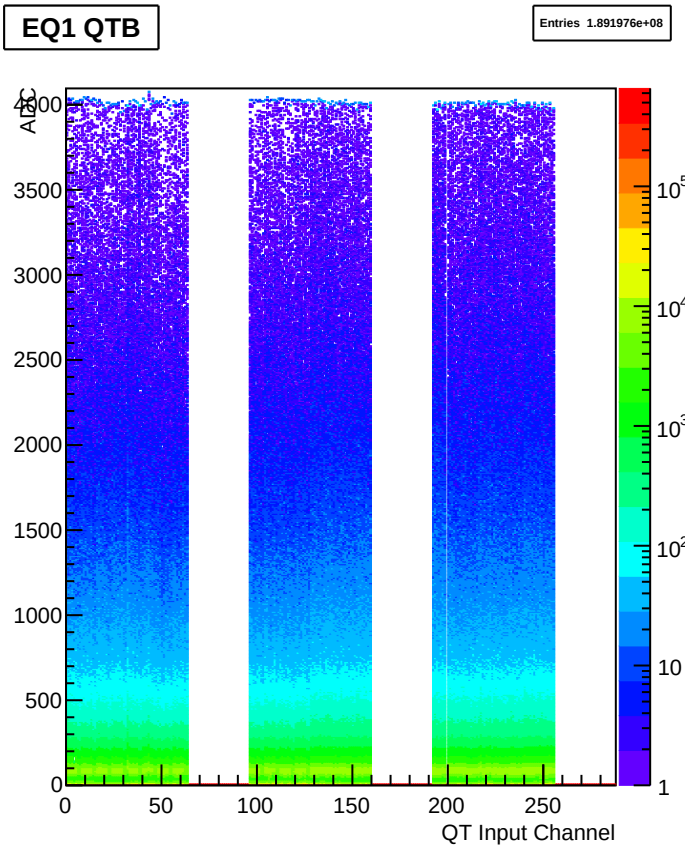

rawzdcWestTac
Entries 656936

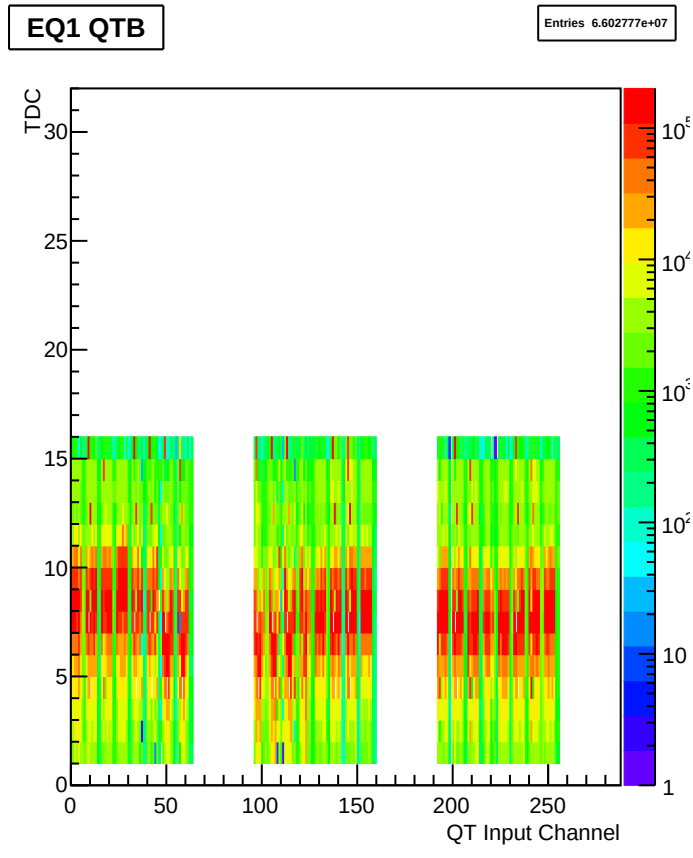

BBQ-VP001 East
Entries 1.051098e+07
ADC
QT Input Channel

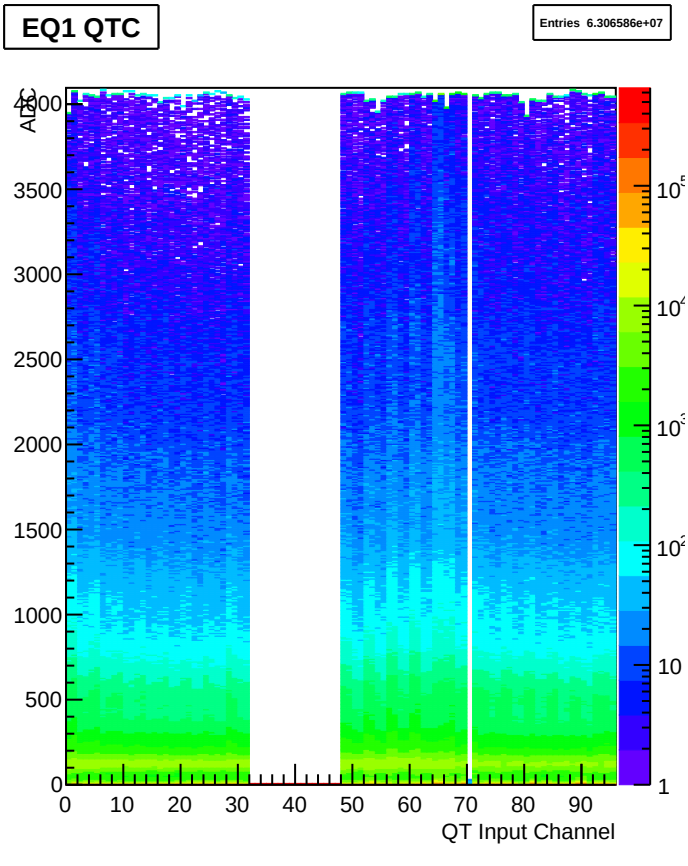

BBQ-VP001 East
Entries 1.051098e+07
TADC
QT Input Channel

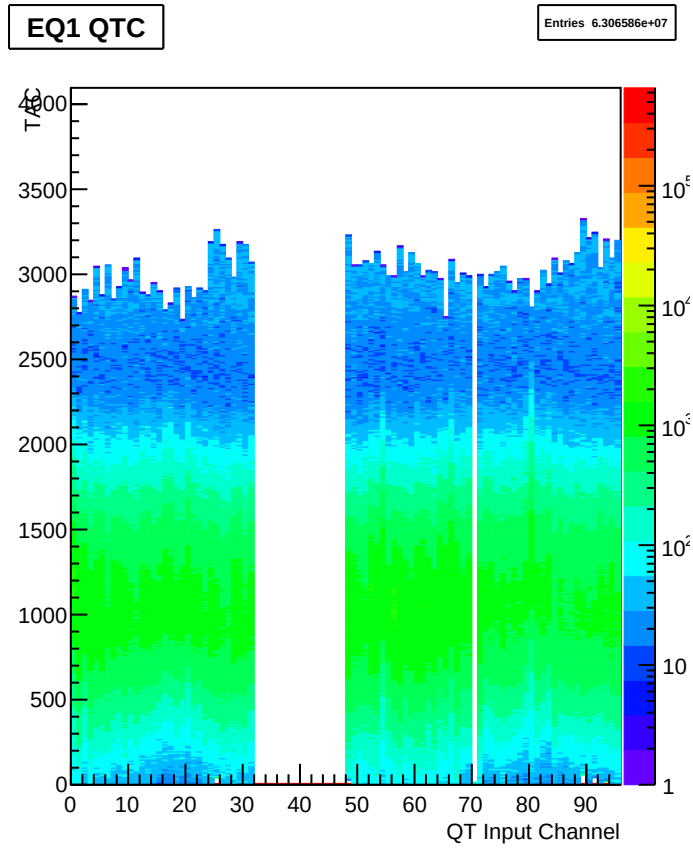

BBQ-VP002 West
Entries 1.051098e+07
ADC
QT Input Channel

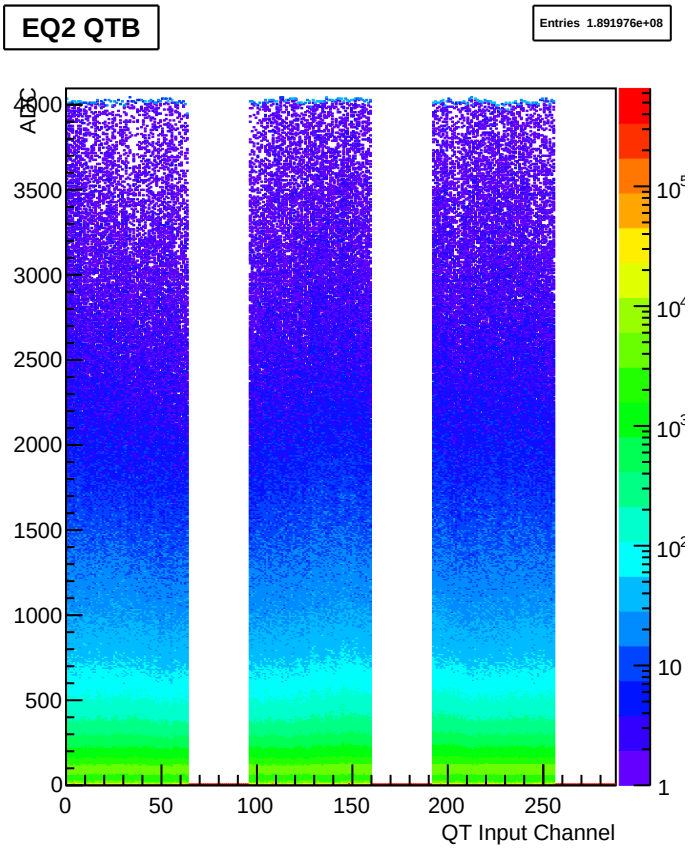

BBQ-VP002 West
Entries 1.051098e+07
TADC
QT Input Channel

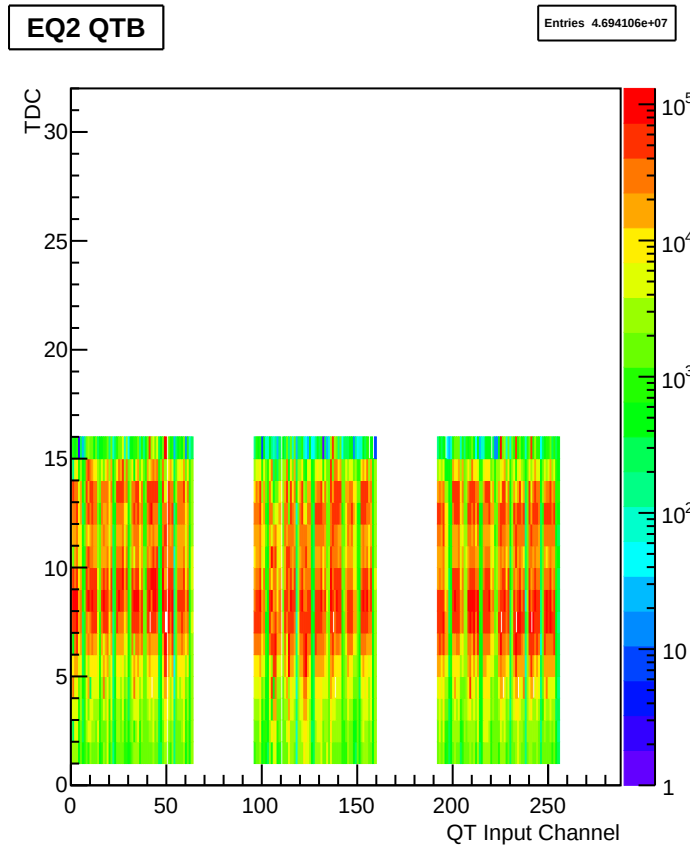

EQ1 QTB
Entries 1.891976e+08
ADC
QT Input Channel

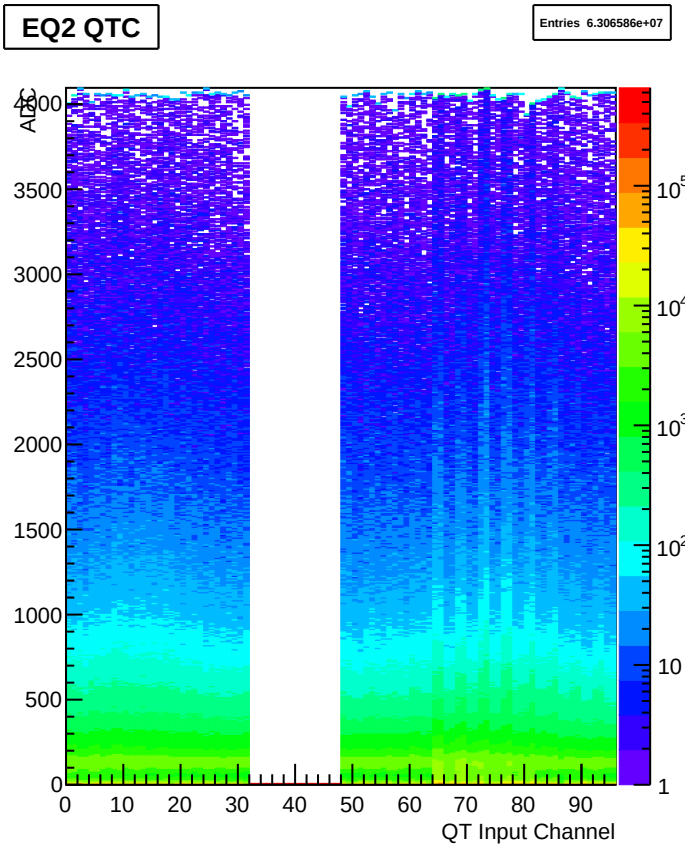

EQ1 QTB
Entries 6.602777e+07
TDC
QT Input Channel

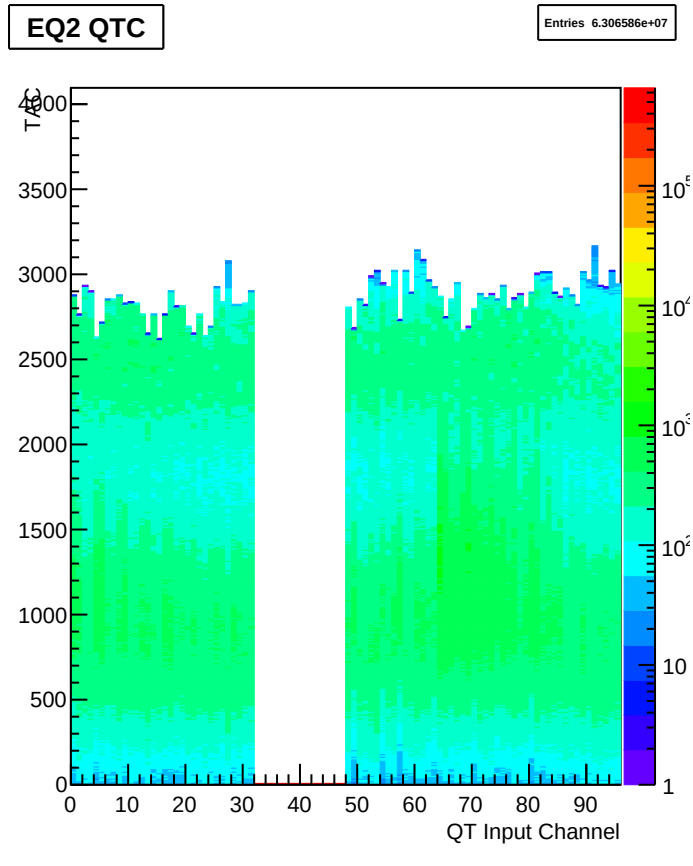

EQ1 QTC
Entries 6.306586e+07
ADC
QT Input Channel

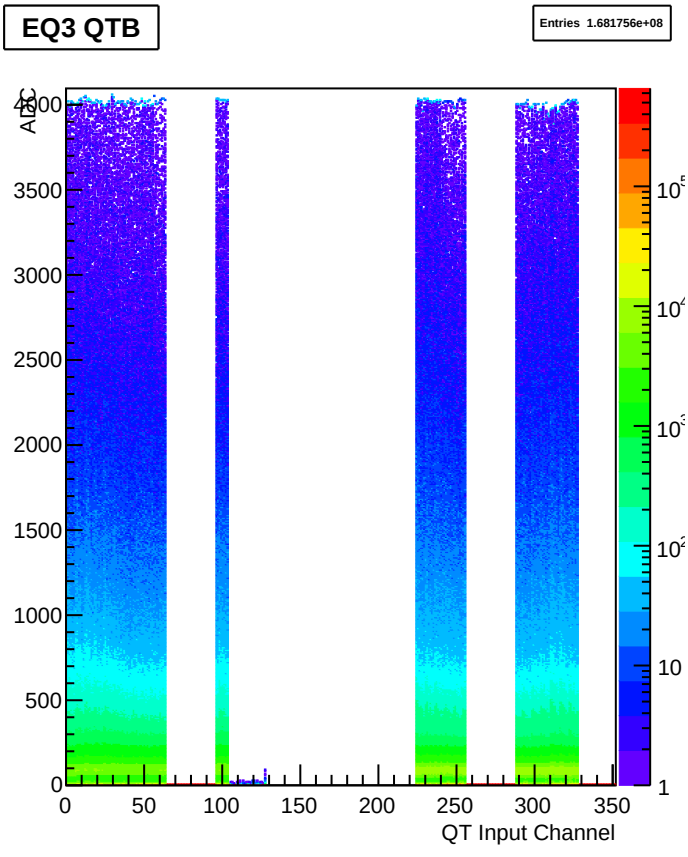

EQ1 QTC
Entries 6.306586e+07
TADC
QT Input Channel

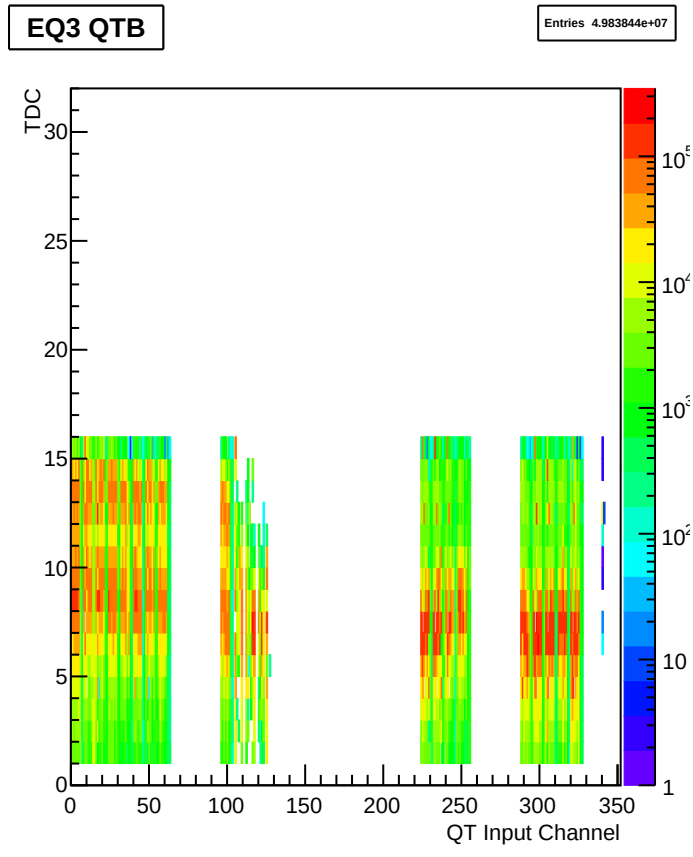

EQ2 QTB
Entries 1.891976e+08
ADC
QT Input Channel

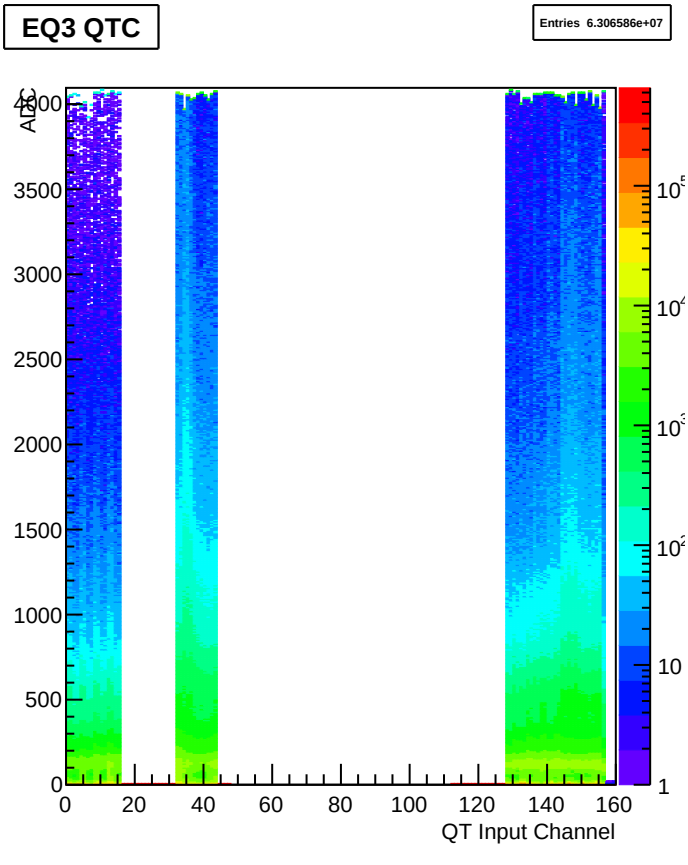

EQ2 QTB
Entries 4.694106e+07
TDC
QT Input Channel

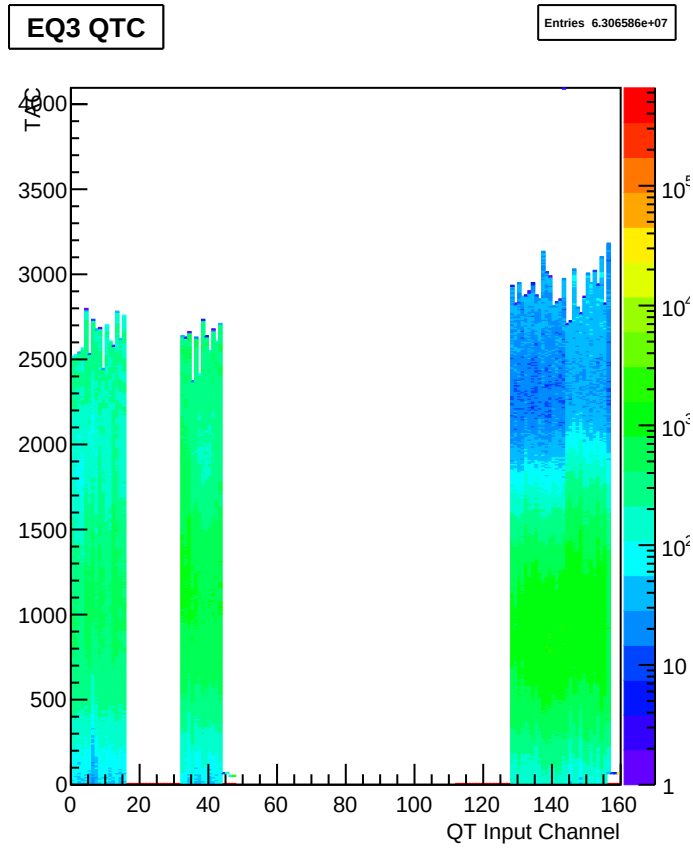

EQ2 QTC
Entries 6.306586e+07
ADC
QT Input Channel

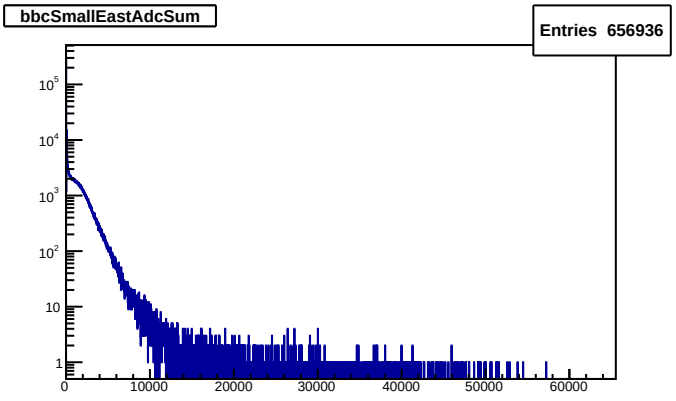

EQ2 QTC
Entries 6.306586e+07
TADC
QT Input Channel

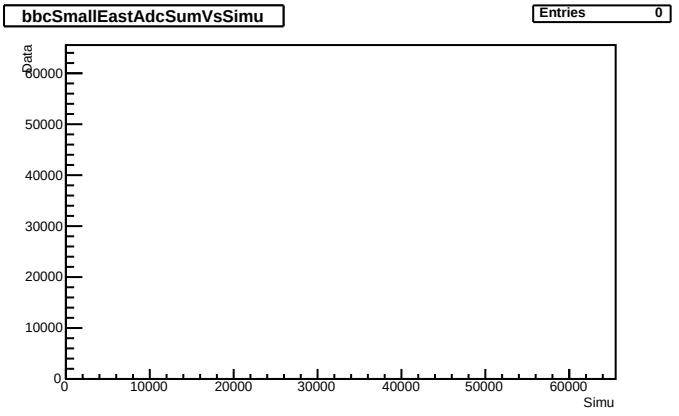

EQ3 QTB
Entries 1.681756e+08
ADC
QT Input Channel

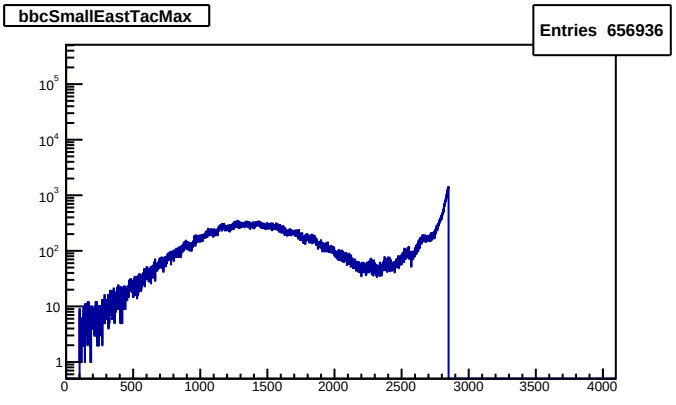

EQ3 QTB
Entries 4.983844e+07
TDC
QT Input Channel

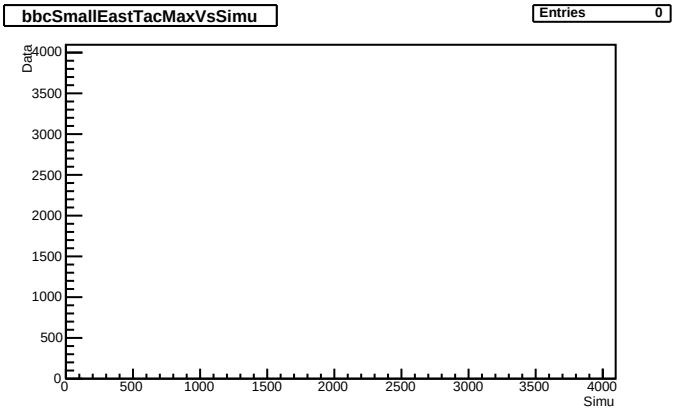

EQ3 QTC
Entries 6.306586e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.306586e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 656936


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 656936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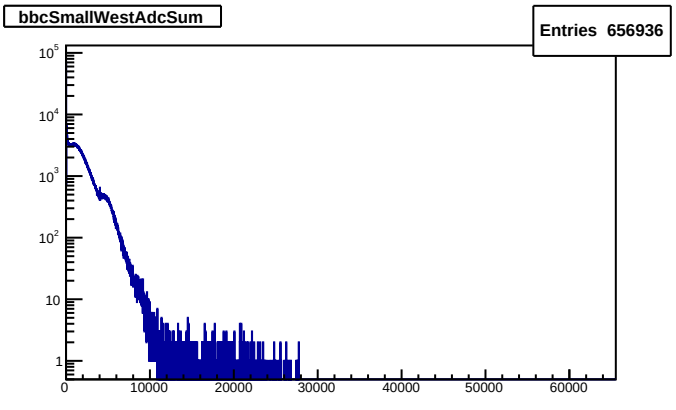
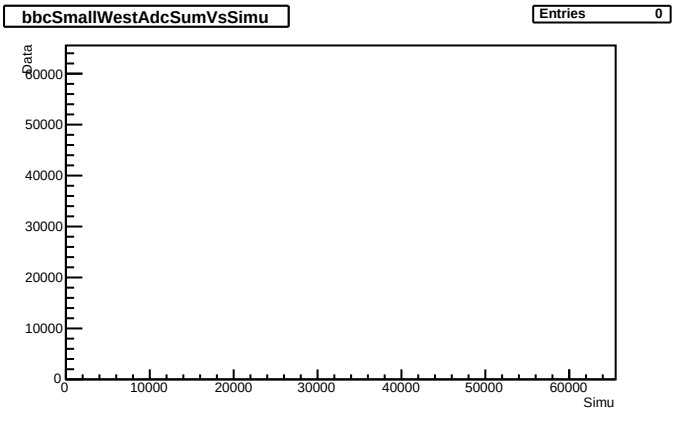

bbcSmallWestAdcSum
Entries 656936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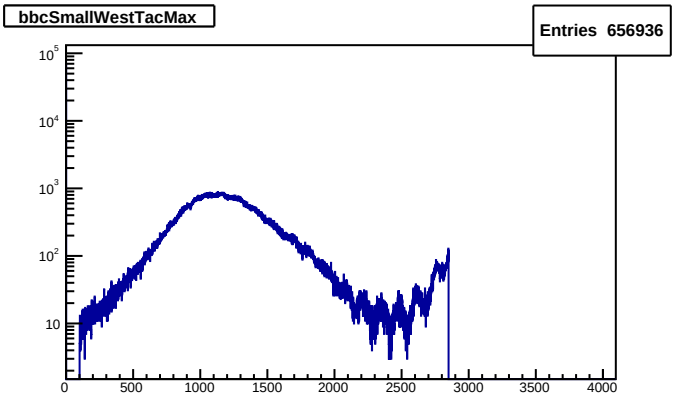
Simu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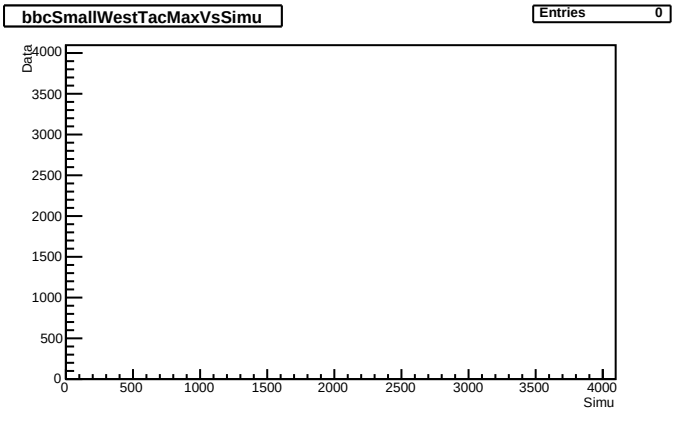
Entries 656936


bbcSmallWestTacMaxVsSimu
Entries 0
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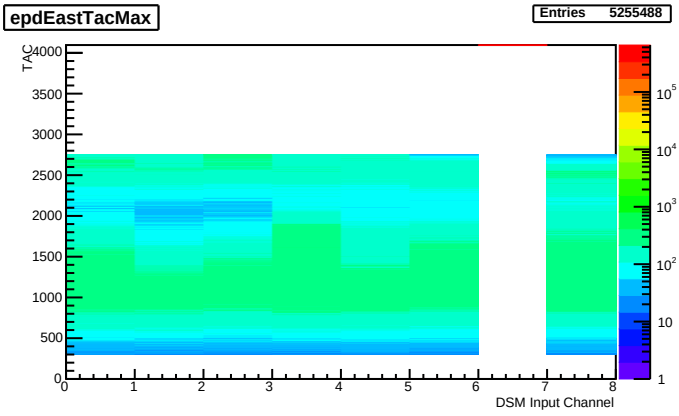
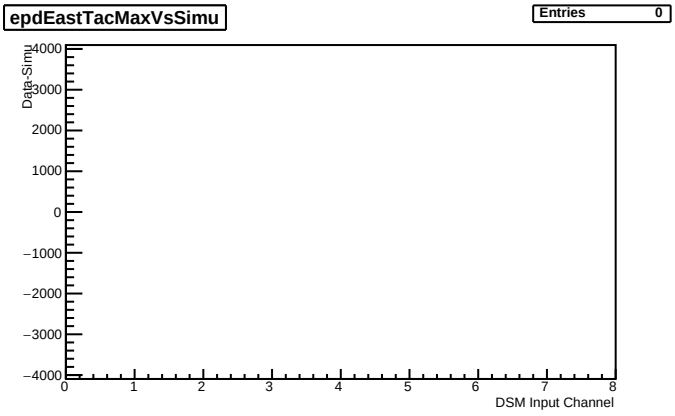
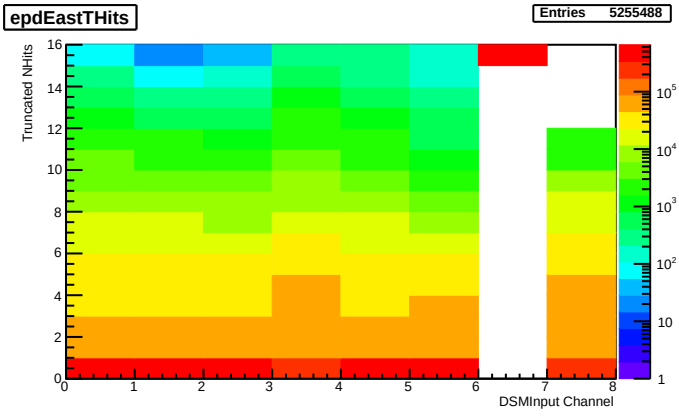
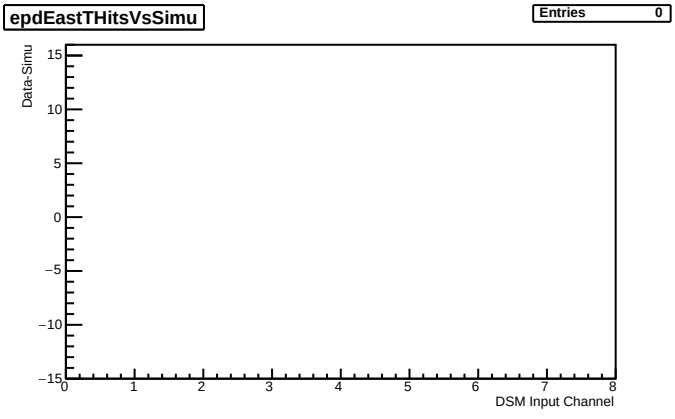
Simu


epdEastTacMax
Entries 5255488
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5255488
Truncated NHits
DSMInput Channel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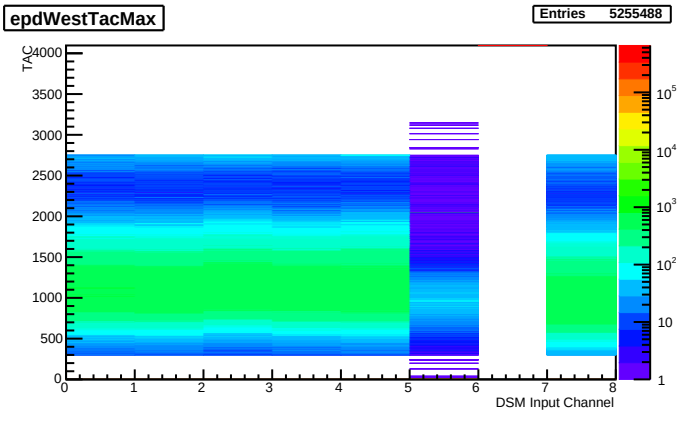
DSM Input Channel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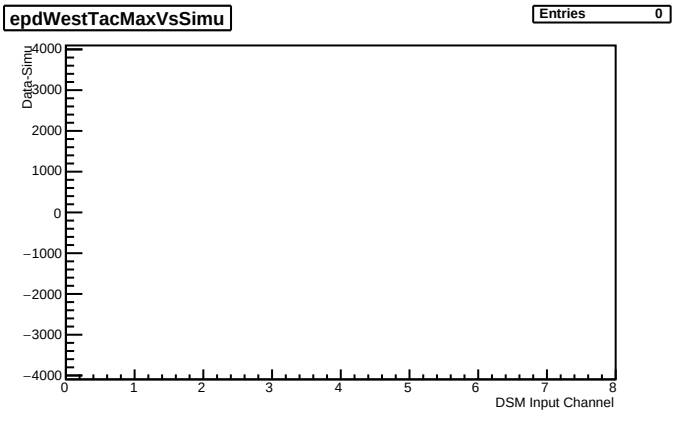
TAC
DSM Input Channel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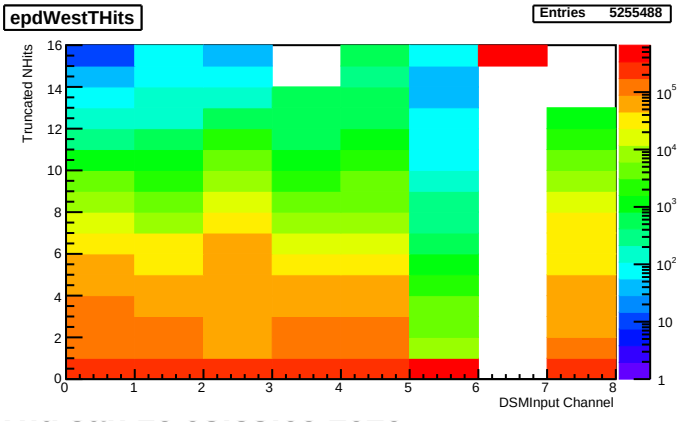
Entries 0
Data-Simu
DSM Input Channel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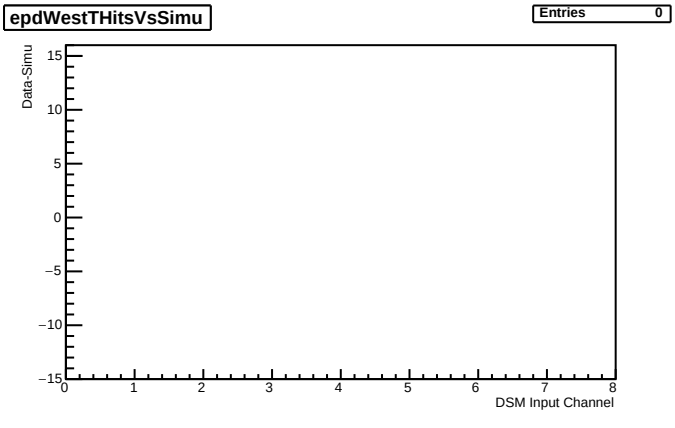
Entries 5255488
Truncated NHits
DSMInput Channel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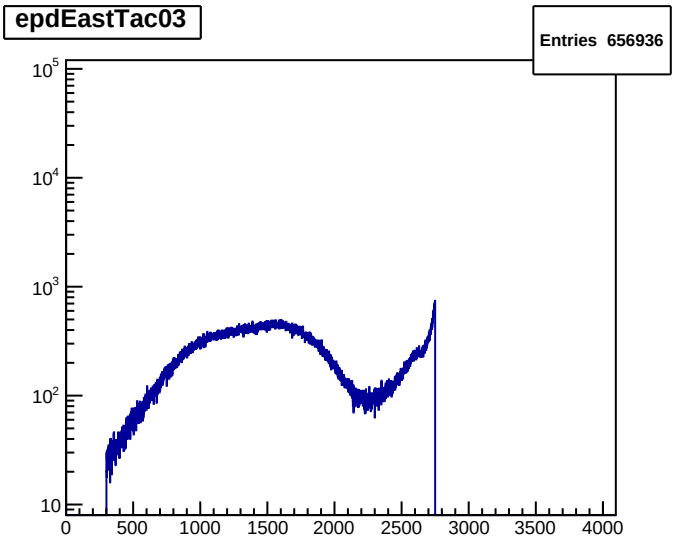
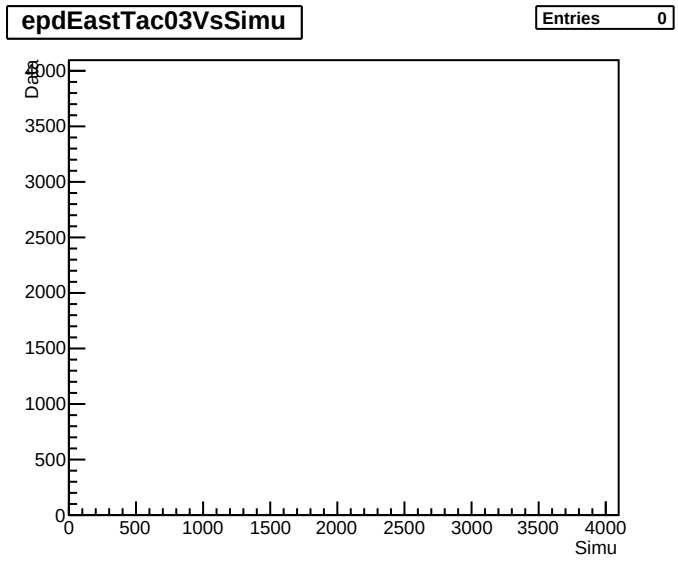
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 656936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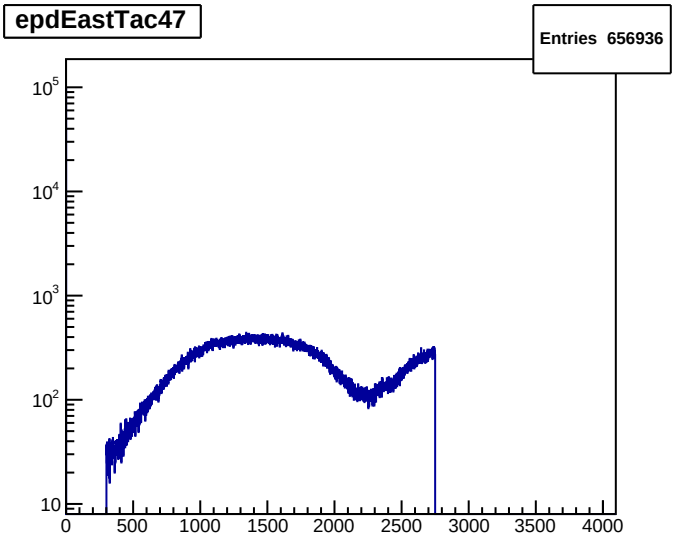
Entries 0
Data
Simu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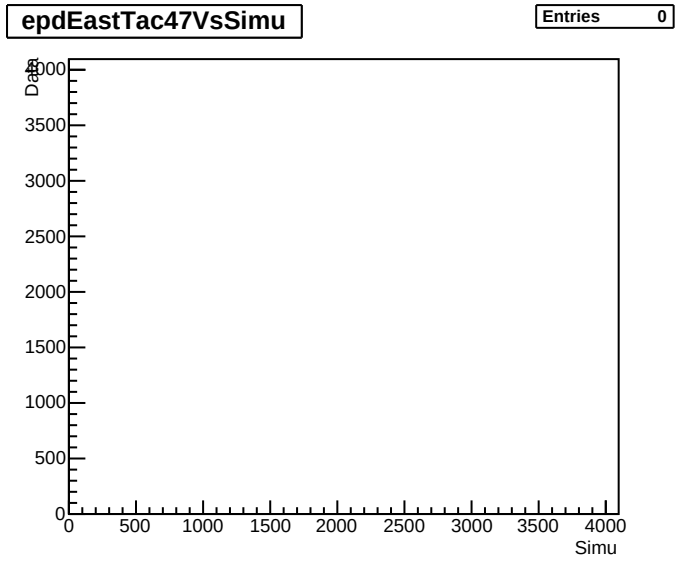
Entries 656936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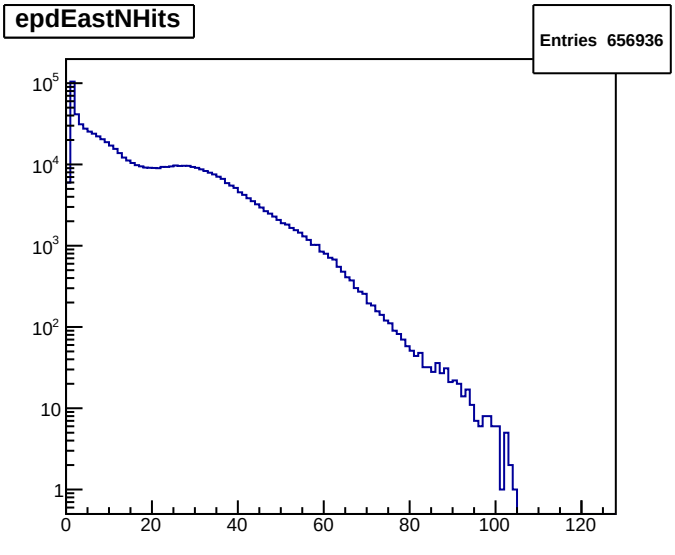
Entries 0
Data
Simu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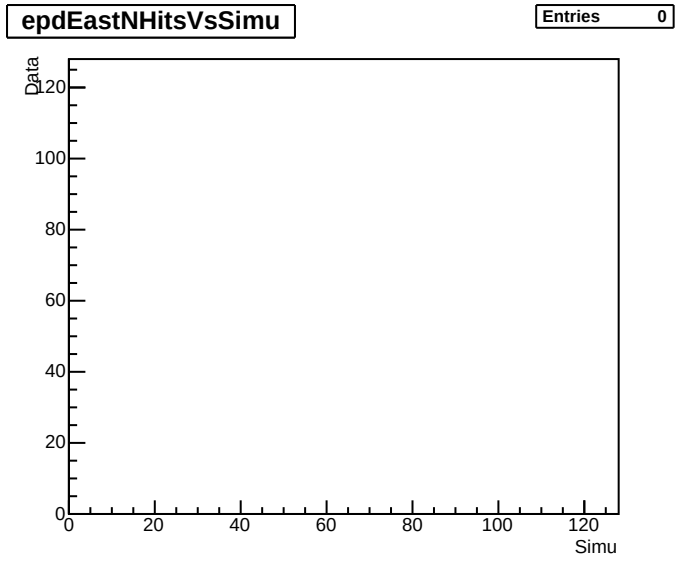
Entries 656936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Entries 0
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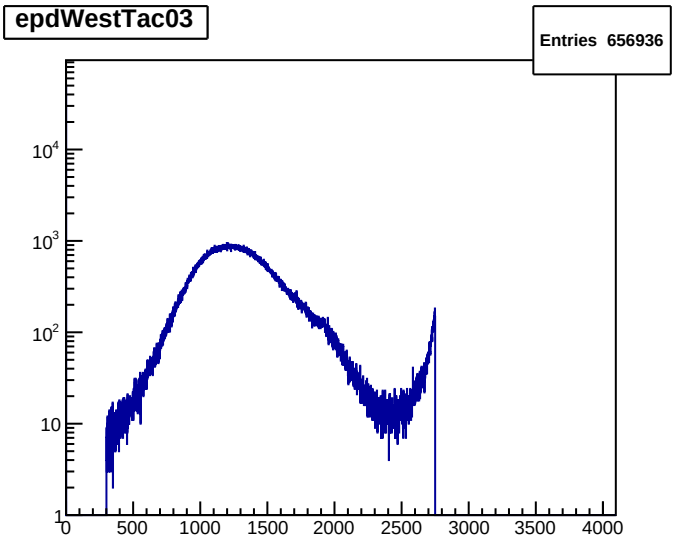
Simu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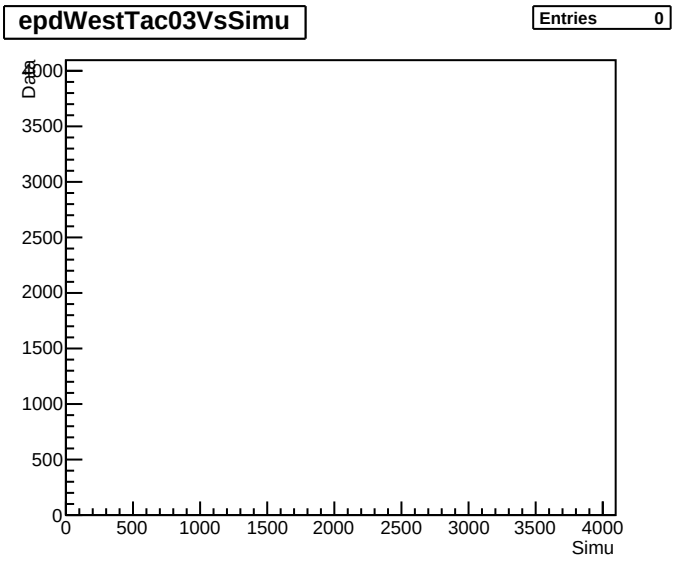
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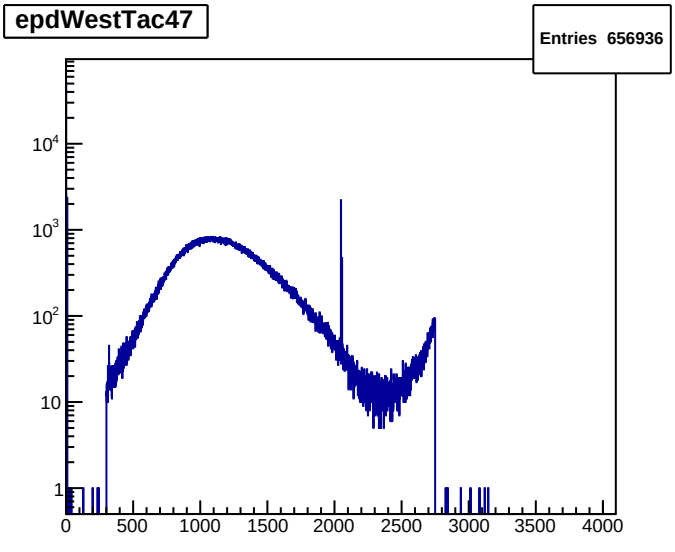
Entries 0
Data
Simu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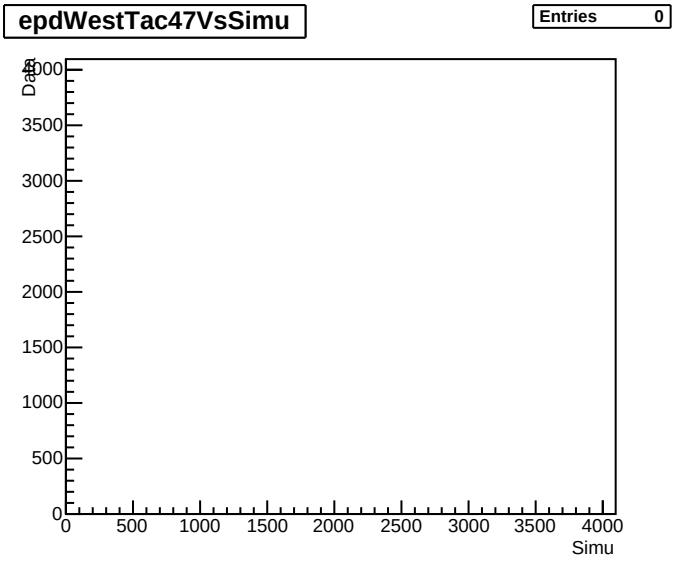
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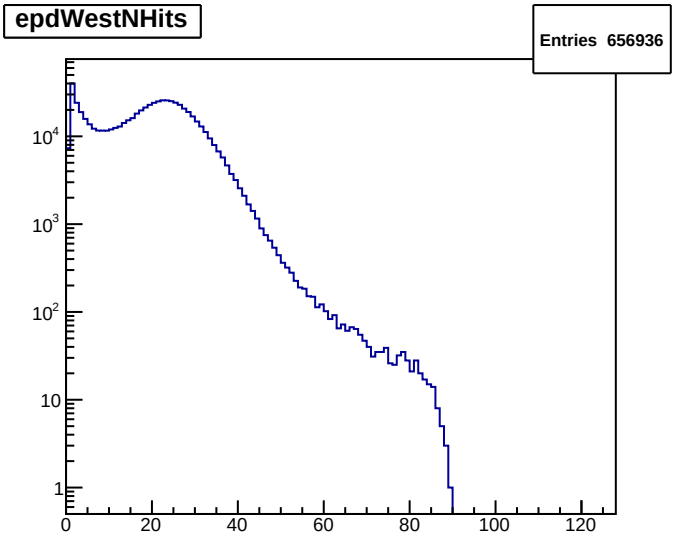
Data
Simu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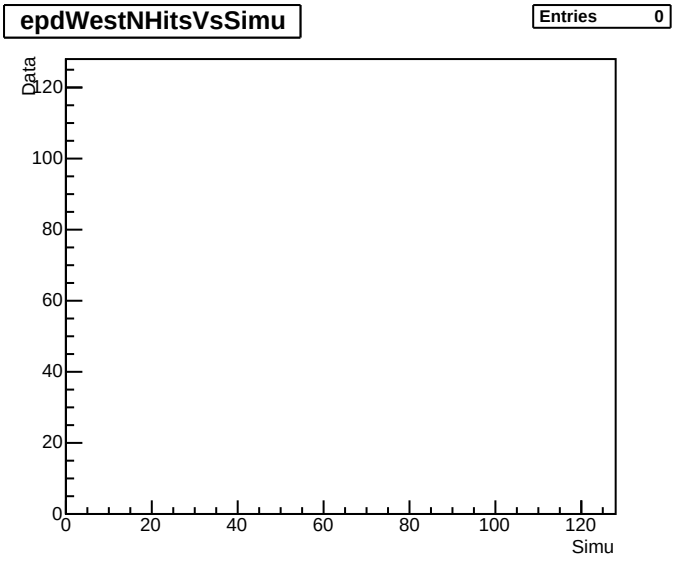
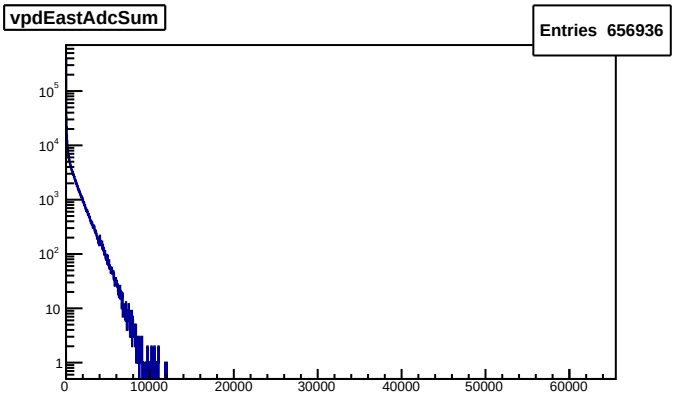
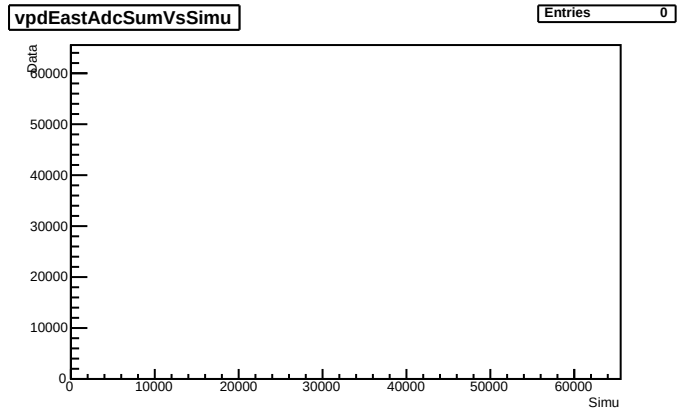
Entries 656936


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 656936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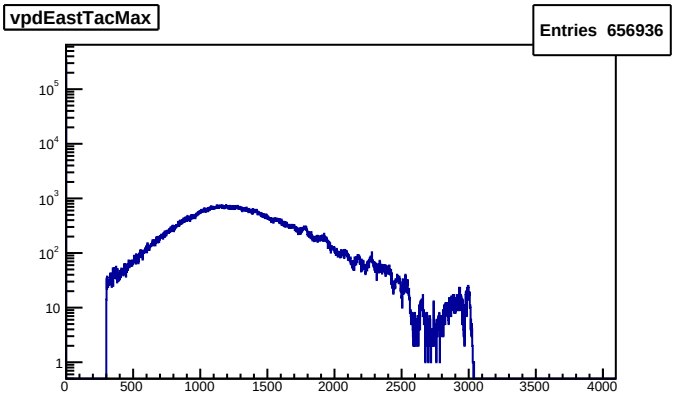
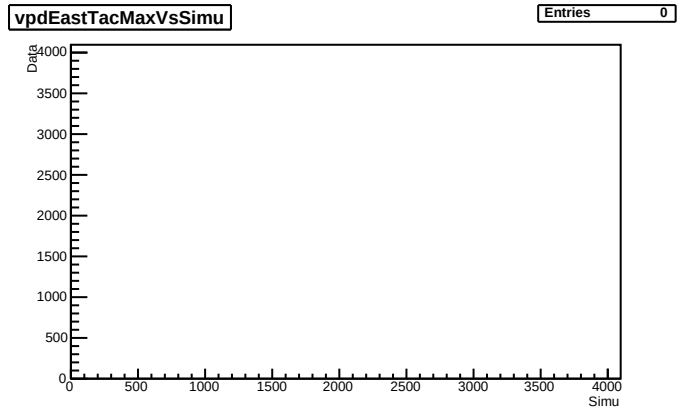
Entries 0
Data
Simu


vpdEastTacMax
Entries 656936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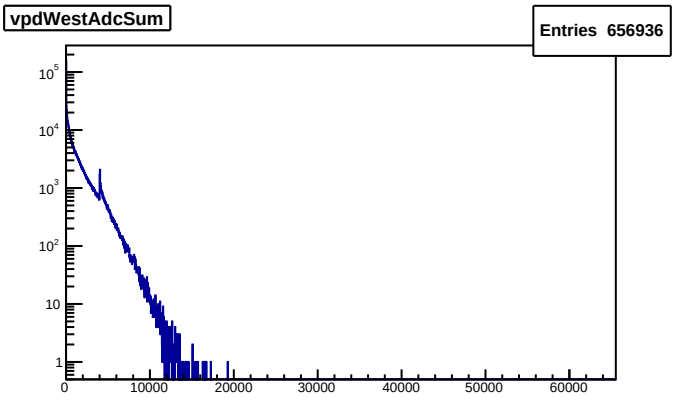
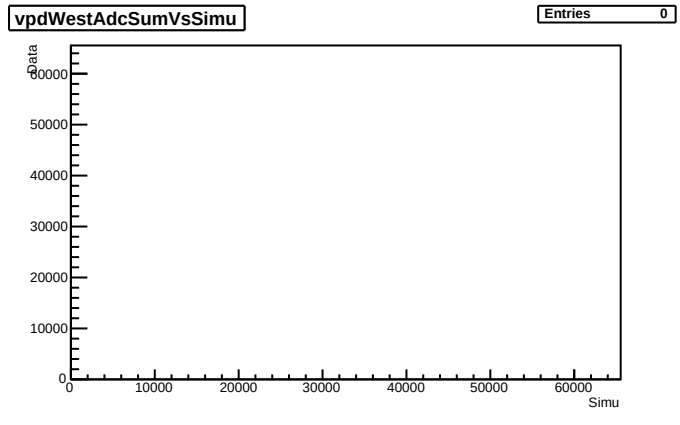
Entries 0
Data
Simu


vpdWestAdcSum
Entries 656936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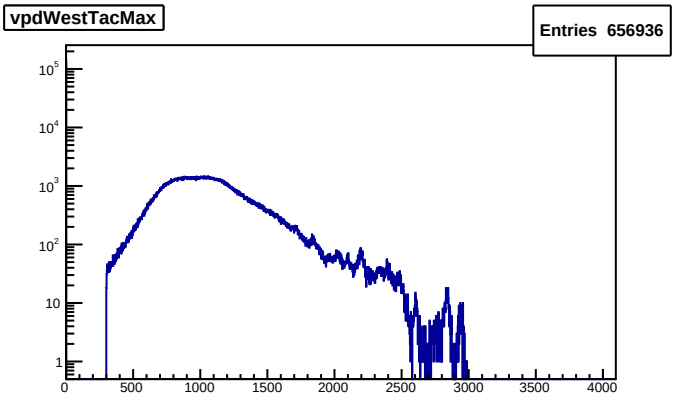
Entries 0
Data
Simu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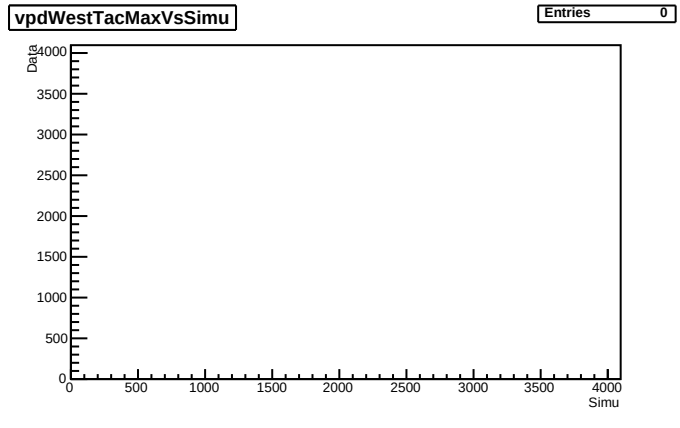
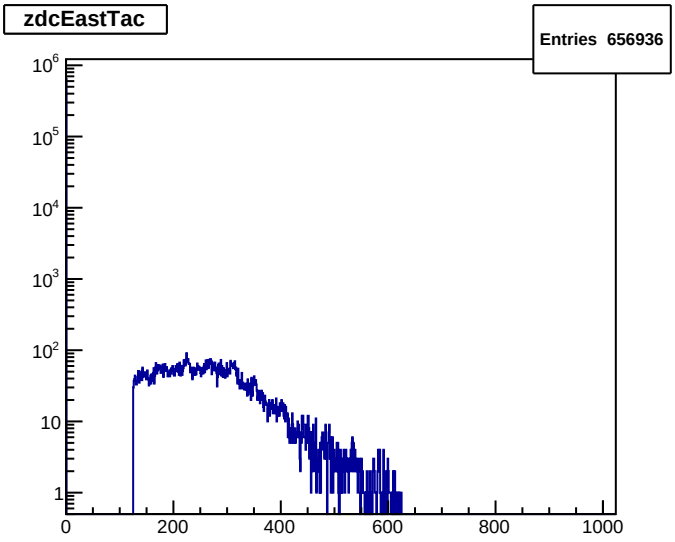
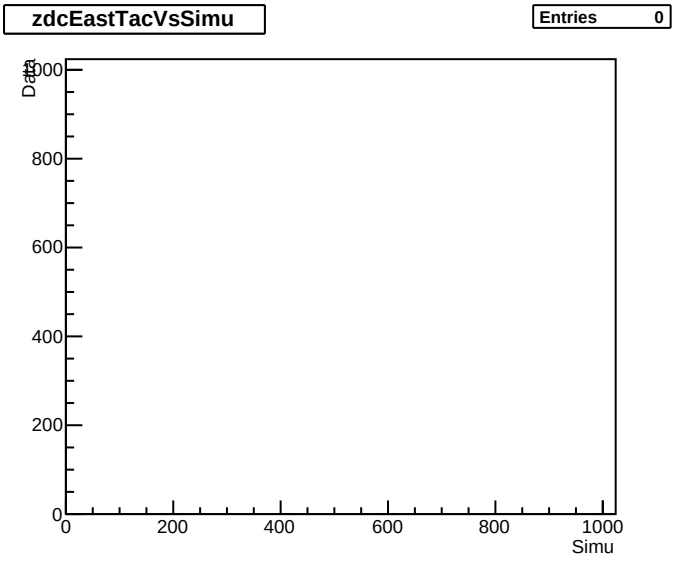
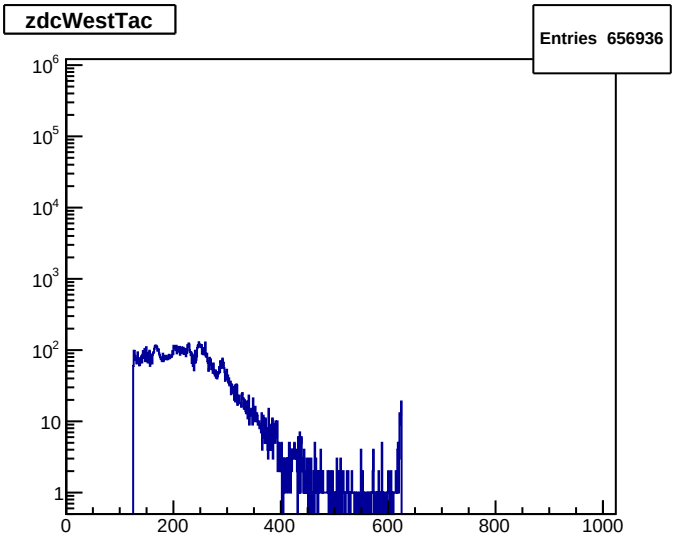
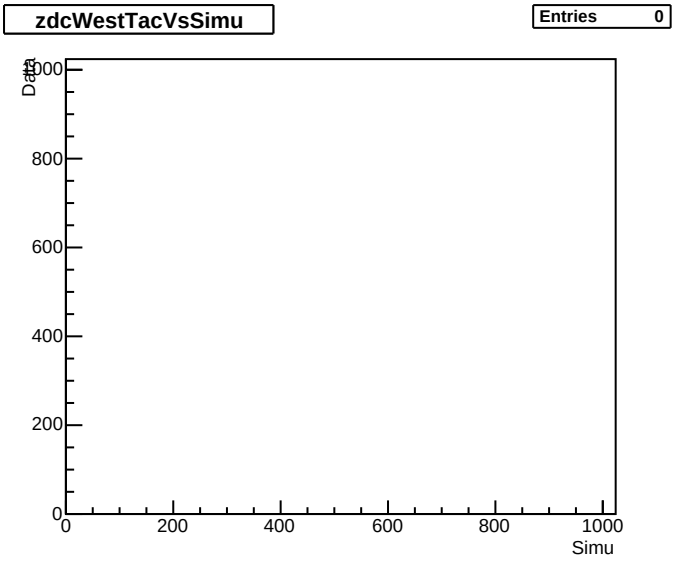
Entries 656936

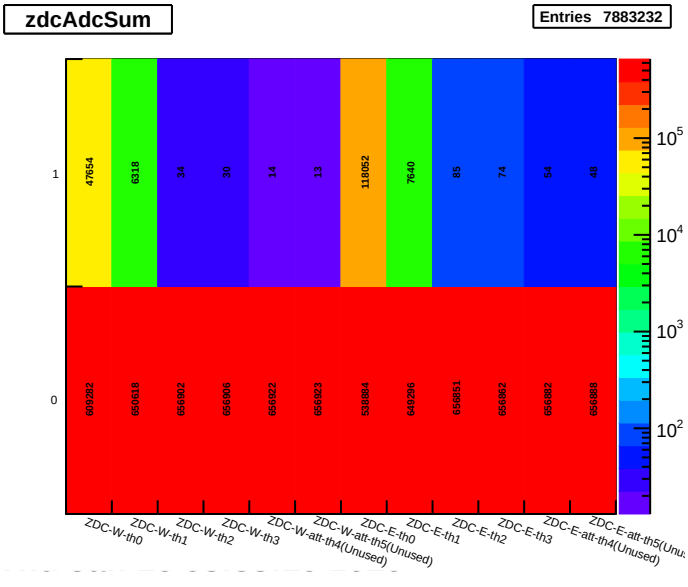

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 656936


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 656936


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7883232
47654
6318
34
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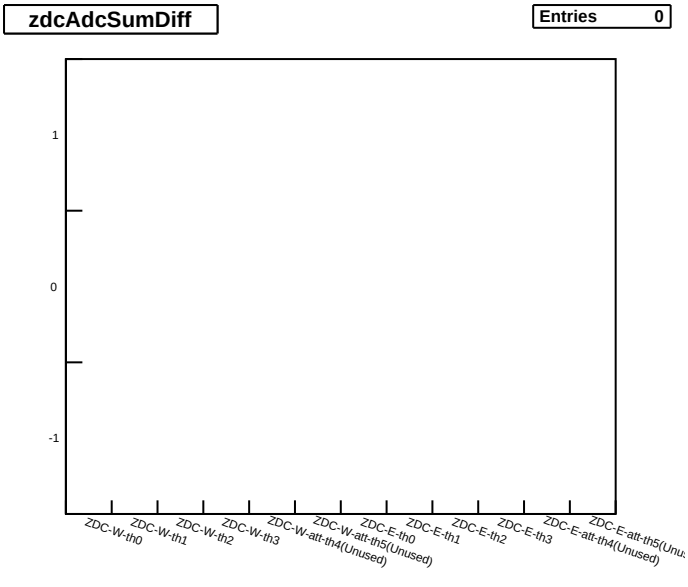
118052
7640
85
74
54
48
609282
650618
656902
656906
656922
656923
538884
649296
656851
656862
656882
656888
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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)
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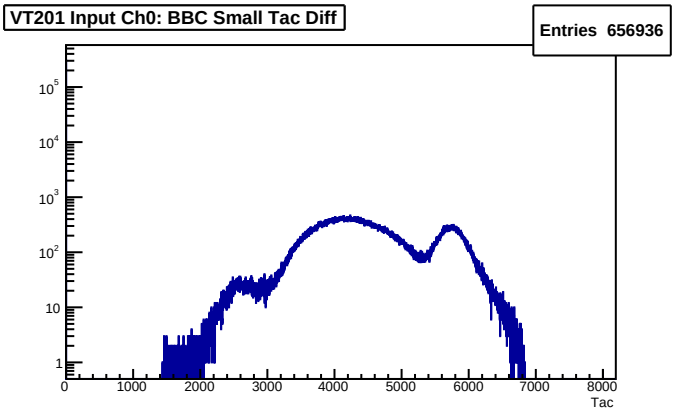
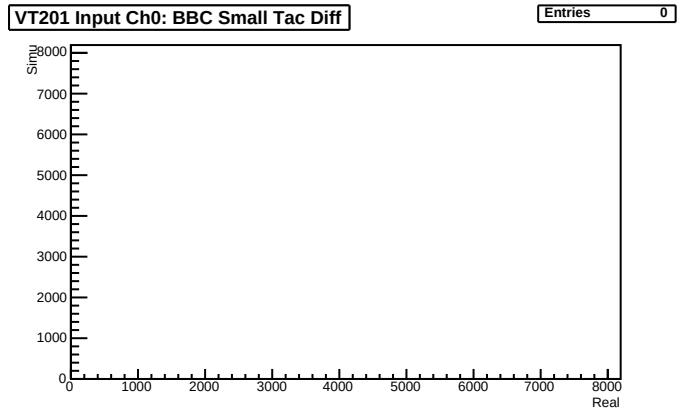
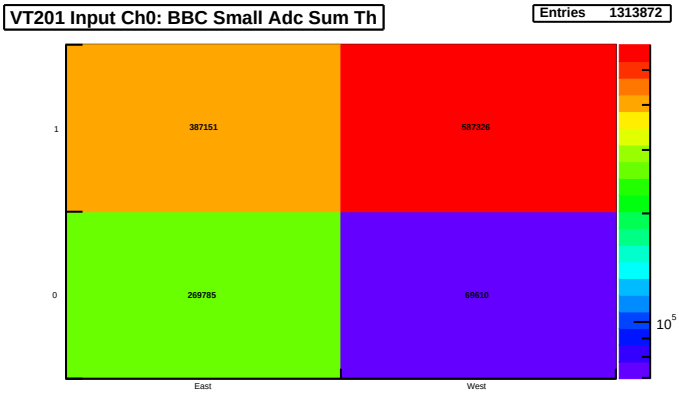
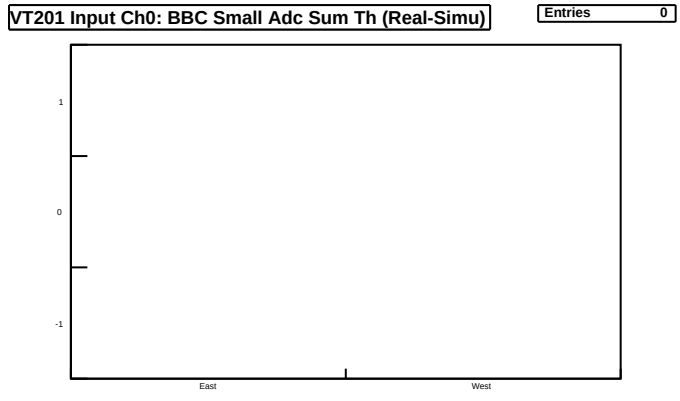
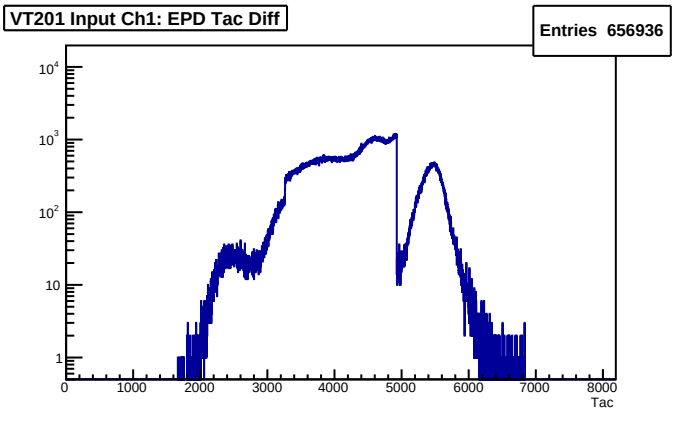
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

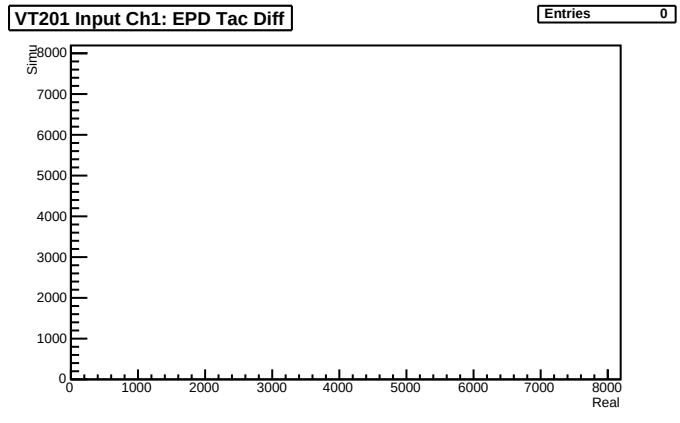

VT201 Input Ch0: BBC Small Tac Diff
Entries 656936
Tac

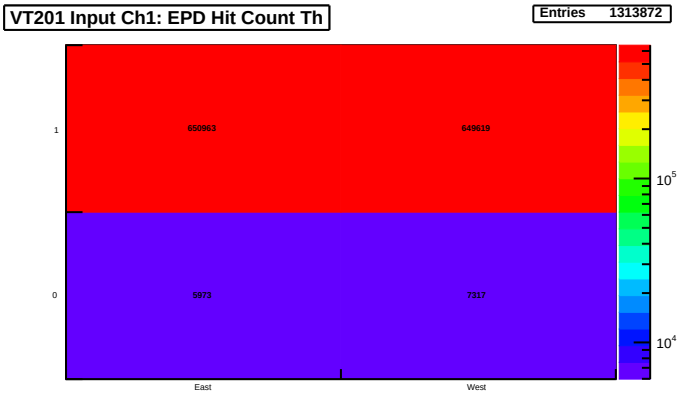

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

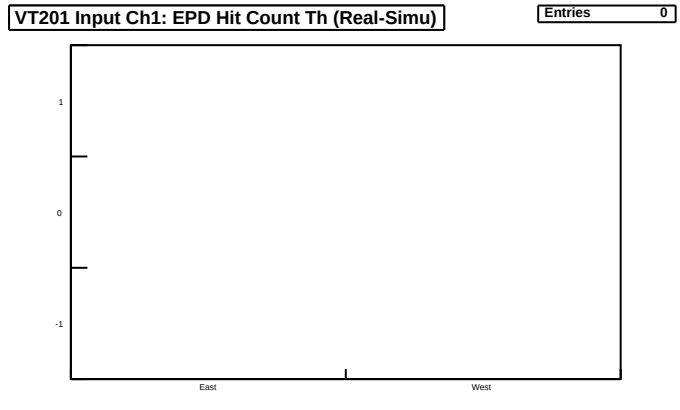

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1313872
387151
587326
269785
69610
East
West

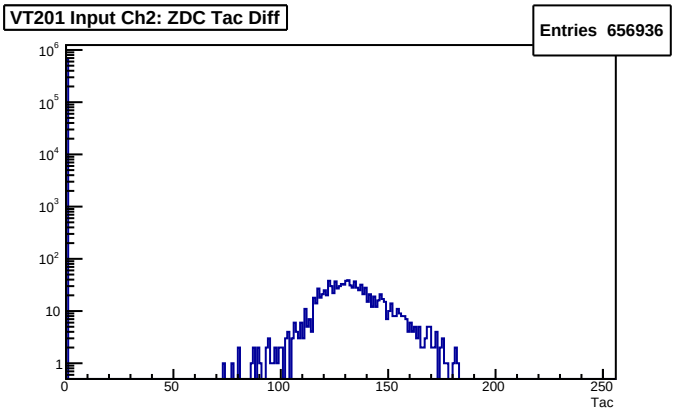

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

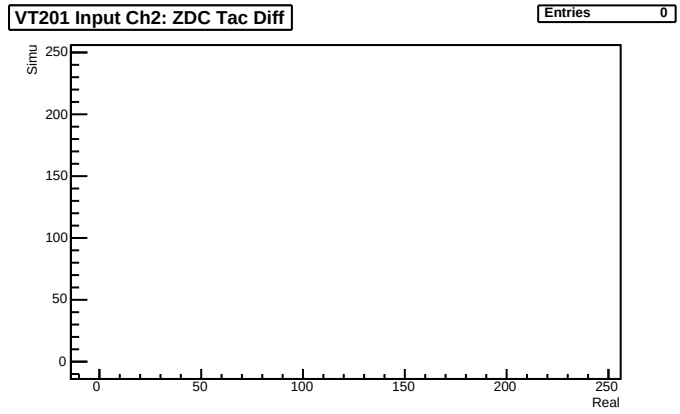

VT201 Input Ch1: EPD Tac Diff
Entries 656936
Tac

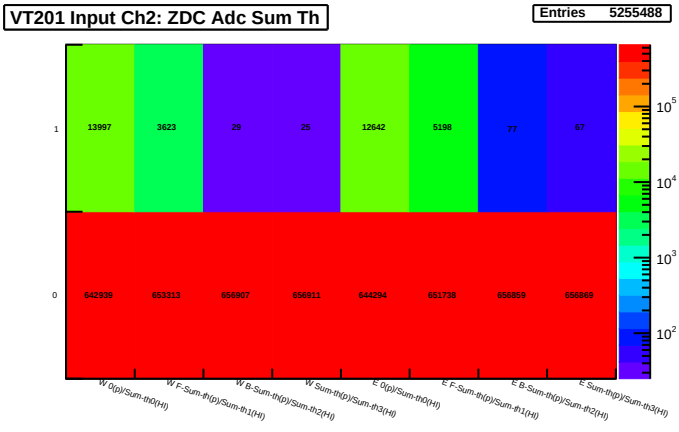

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

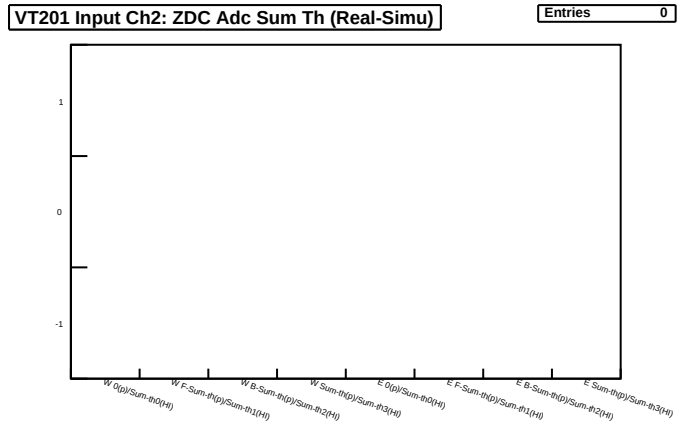

VT201 Input Ch1: EPD Hit Count Th
Entries 1313872
650963
649619
5973
7317
East
West

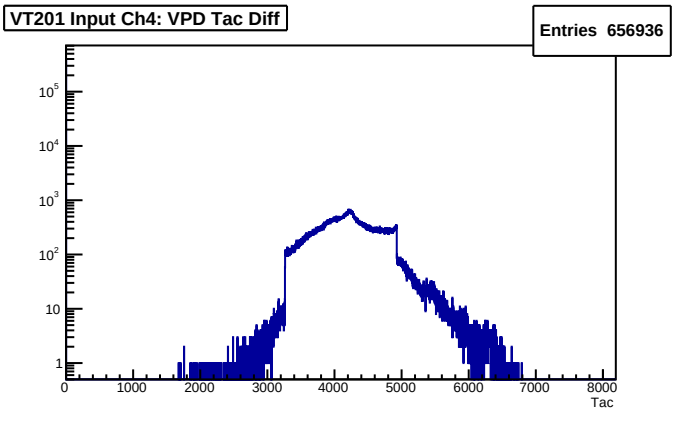

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

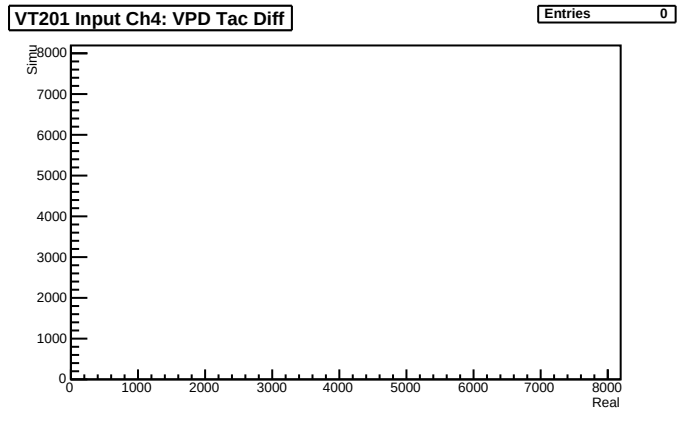

VT201 Input Ch2: ZDC Tac Diff
Entries 656936
Tac

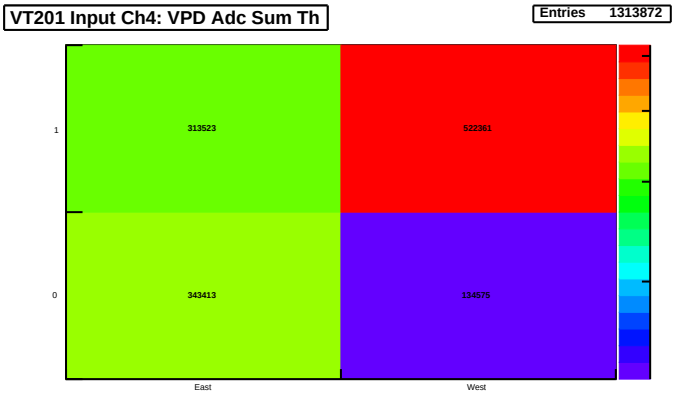

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

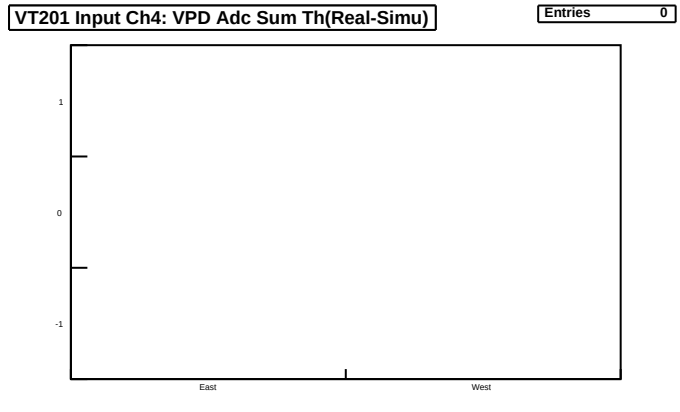

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5255488
13997
3623
29
25
12642
5198
77
67
642939
653313
656907
656911
644294
651738
656859
656869
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

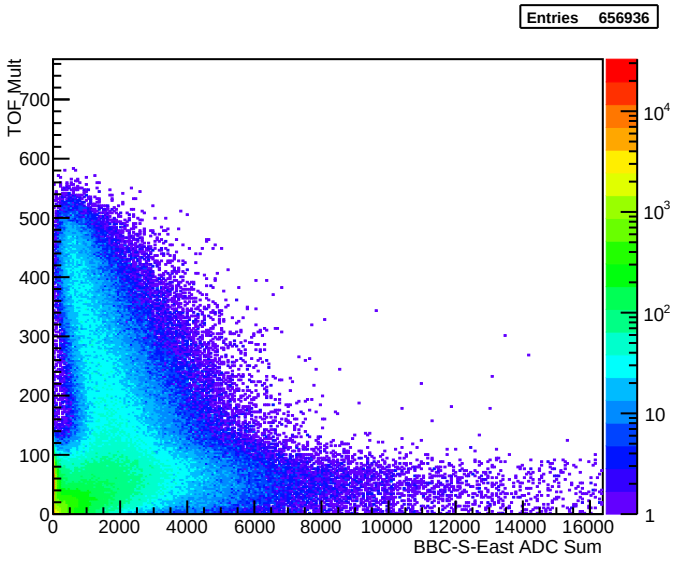

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

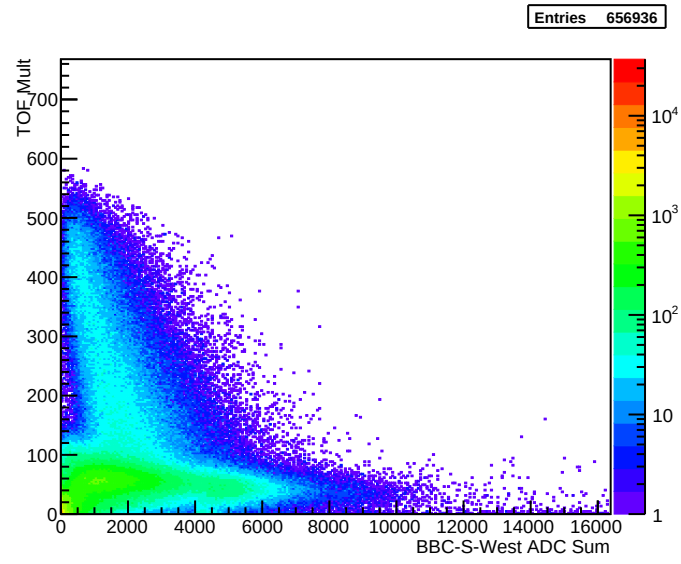

VT201 Input Ch4: VPD Tac Diff
Entries 656936
Tac

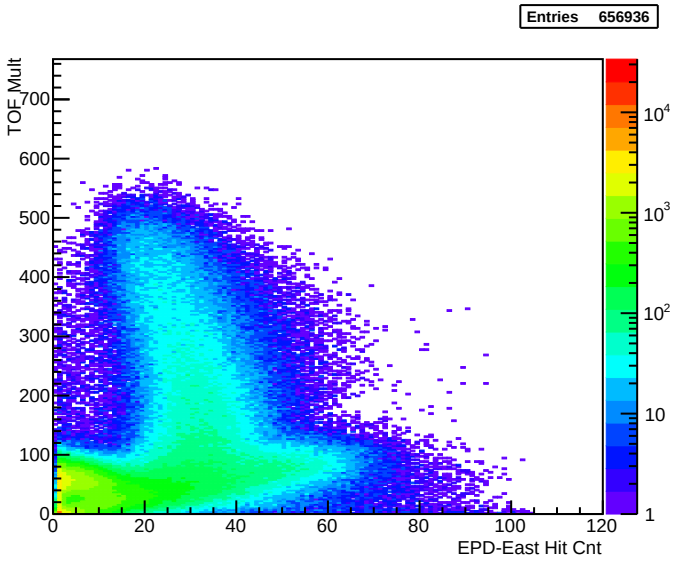

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

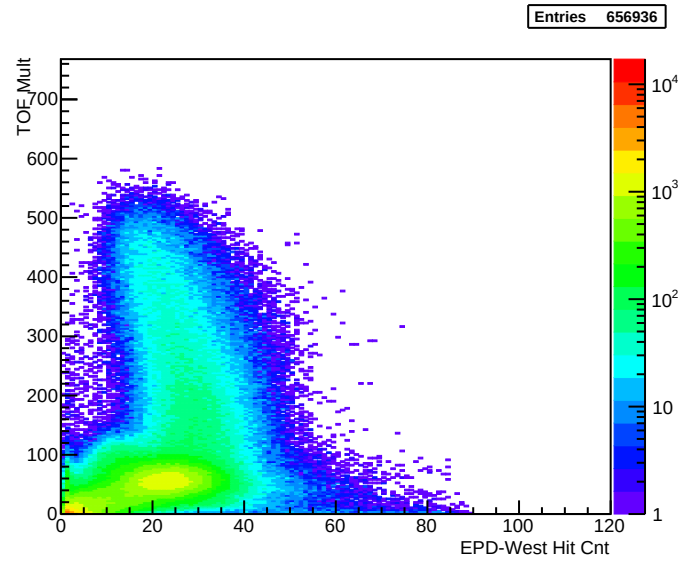

VT201 Input Ch4: VPD Adc Sum Th
Entries 1313872
313523
522361
343413
134575
East
West

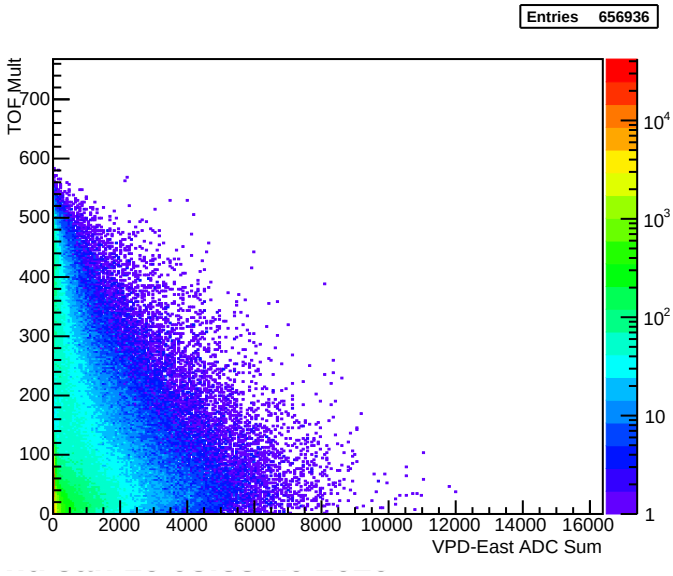

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

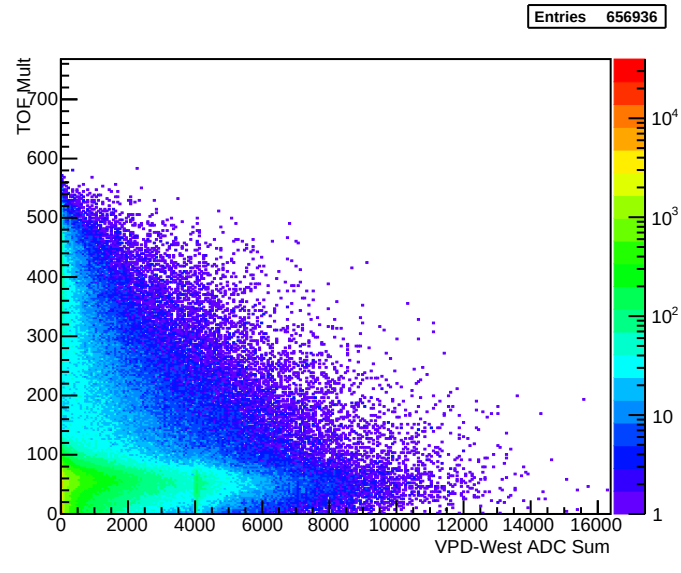

Entries 656936
TOF_Mult
BBC-S-East ADC Sum

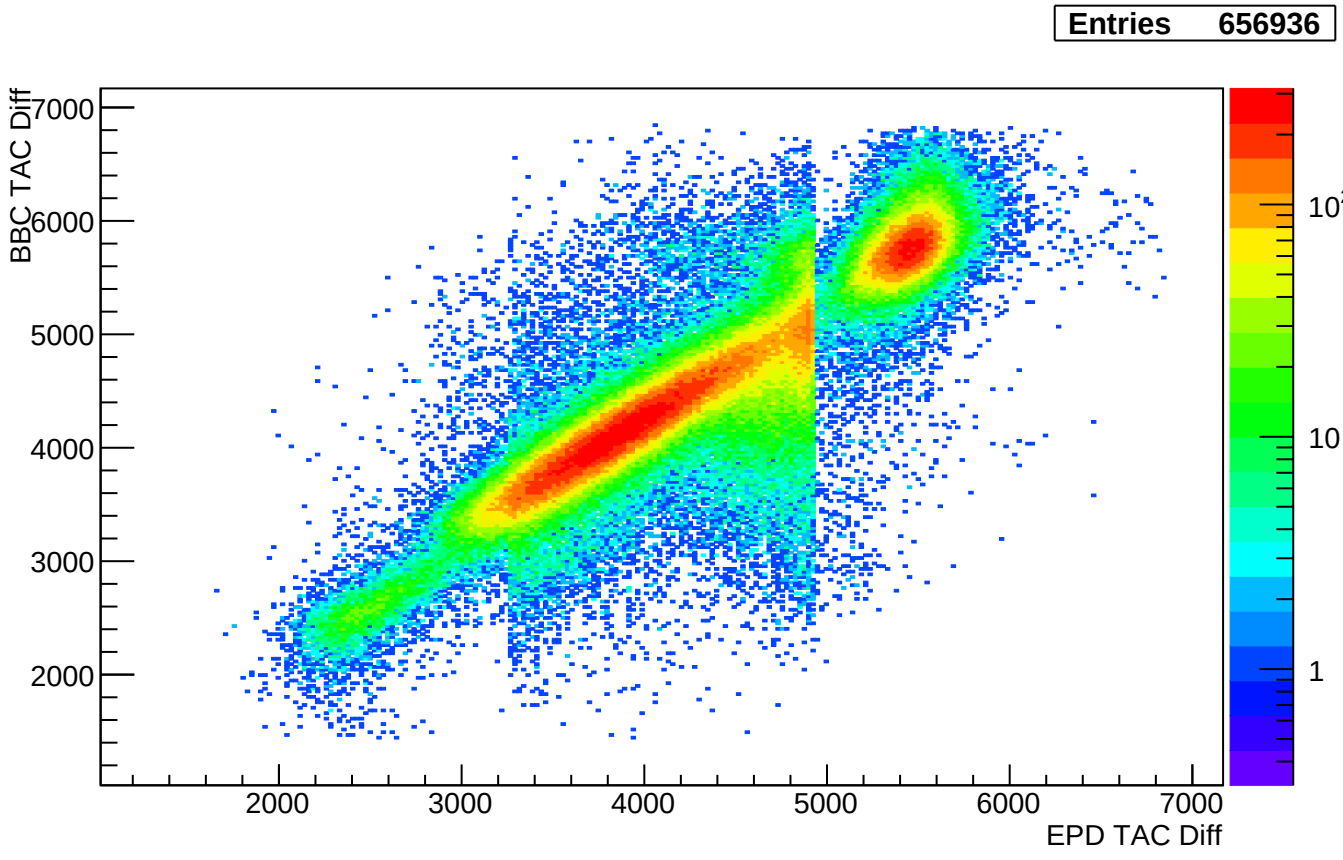

Entries 656936
TOF_Mult
BBC-S-West ADC Sum

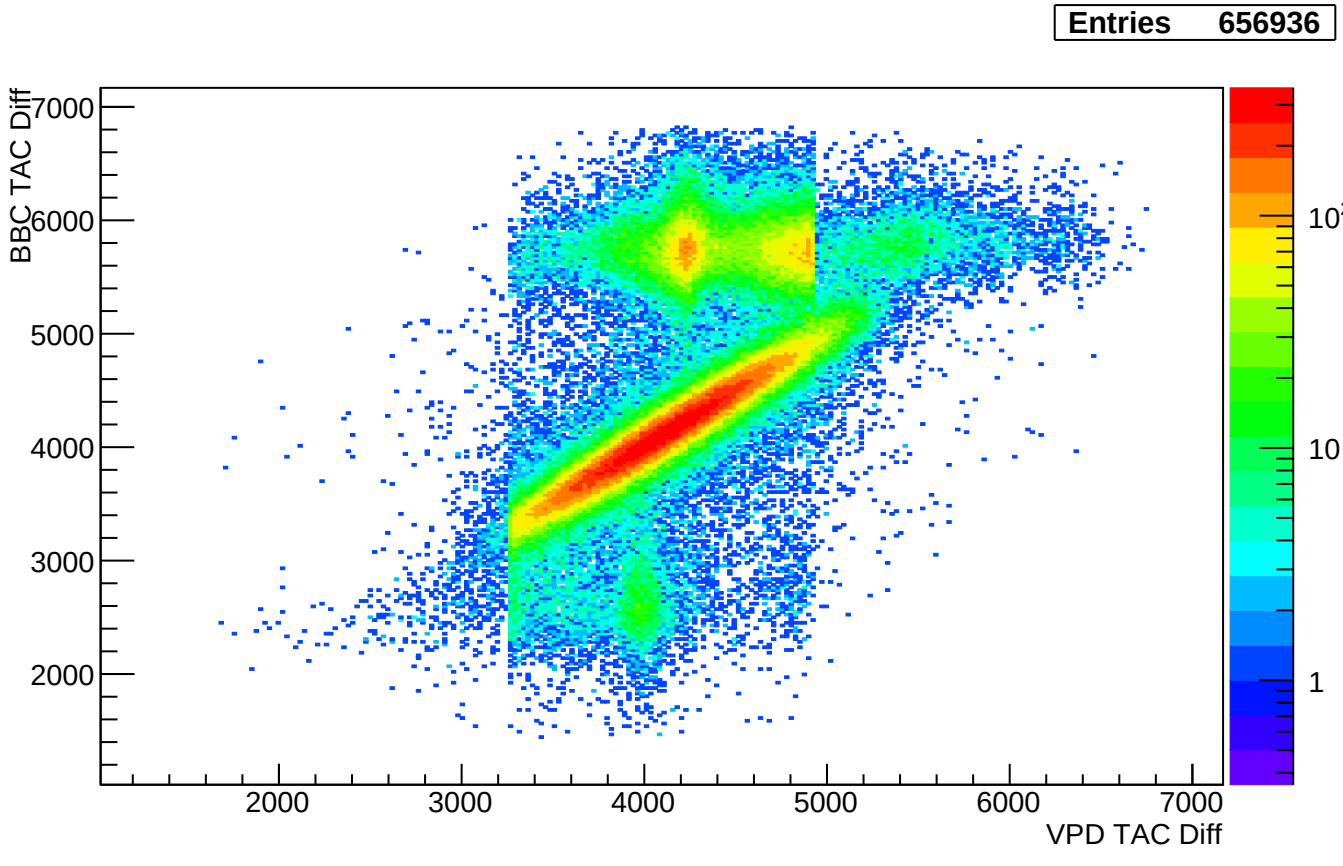

Entries 656936
TOF_Mult
EPD-East Hit Cnt

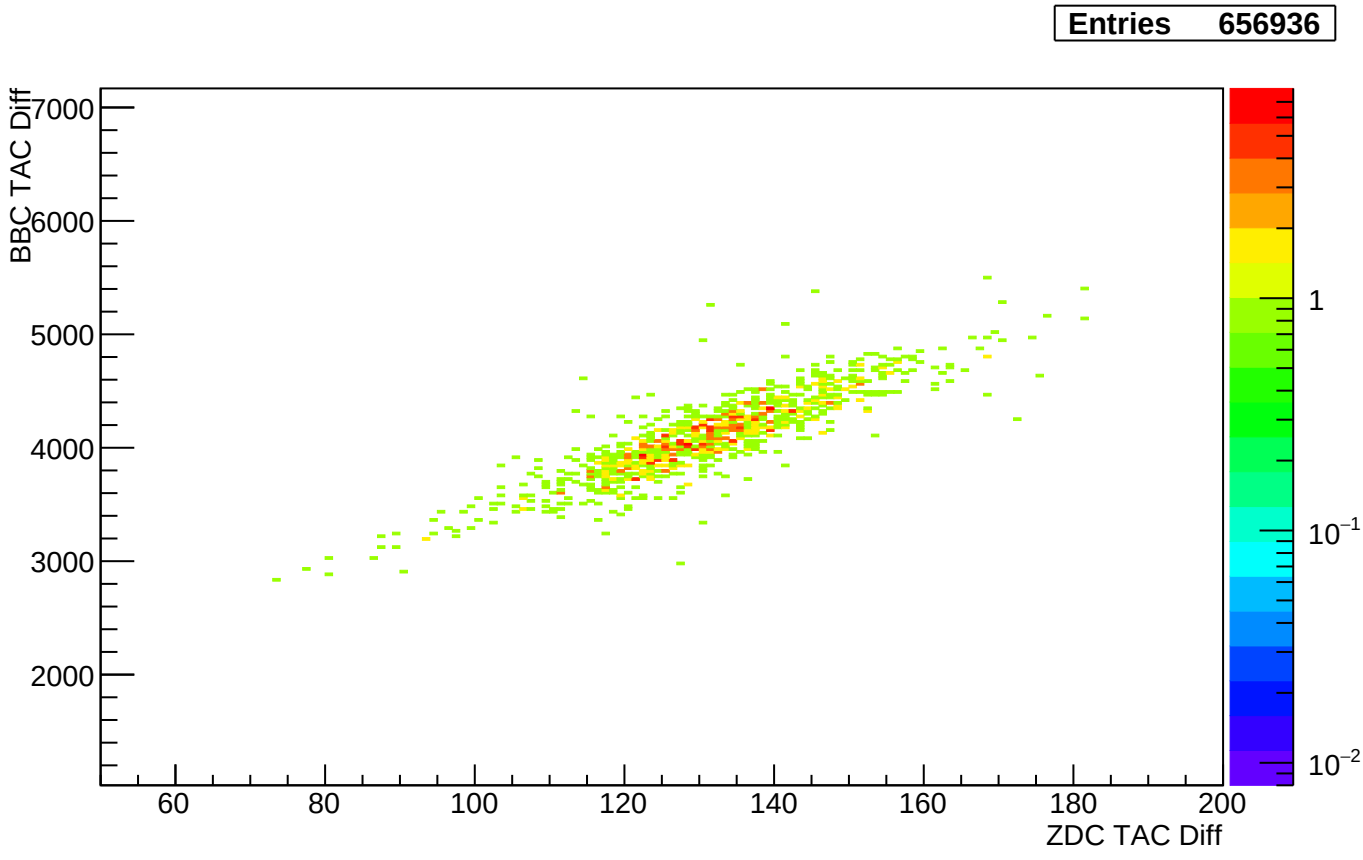

Entries 656936
TOF_Mult
EPD-West Hit Cnt

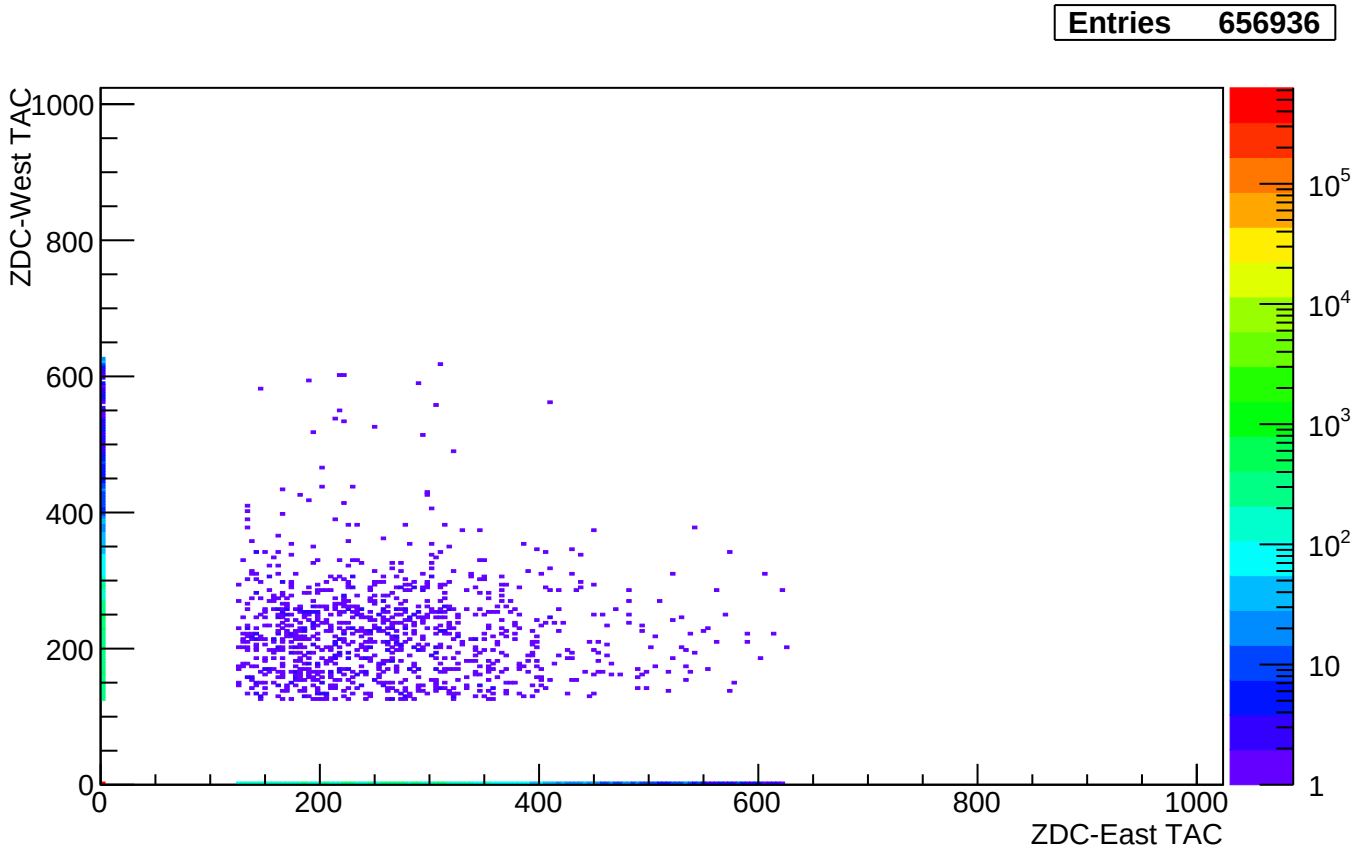

Entries 656936
TOF_Mult
VPD-East ADC Sum

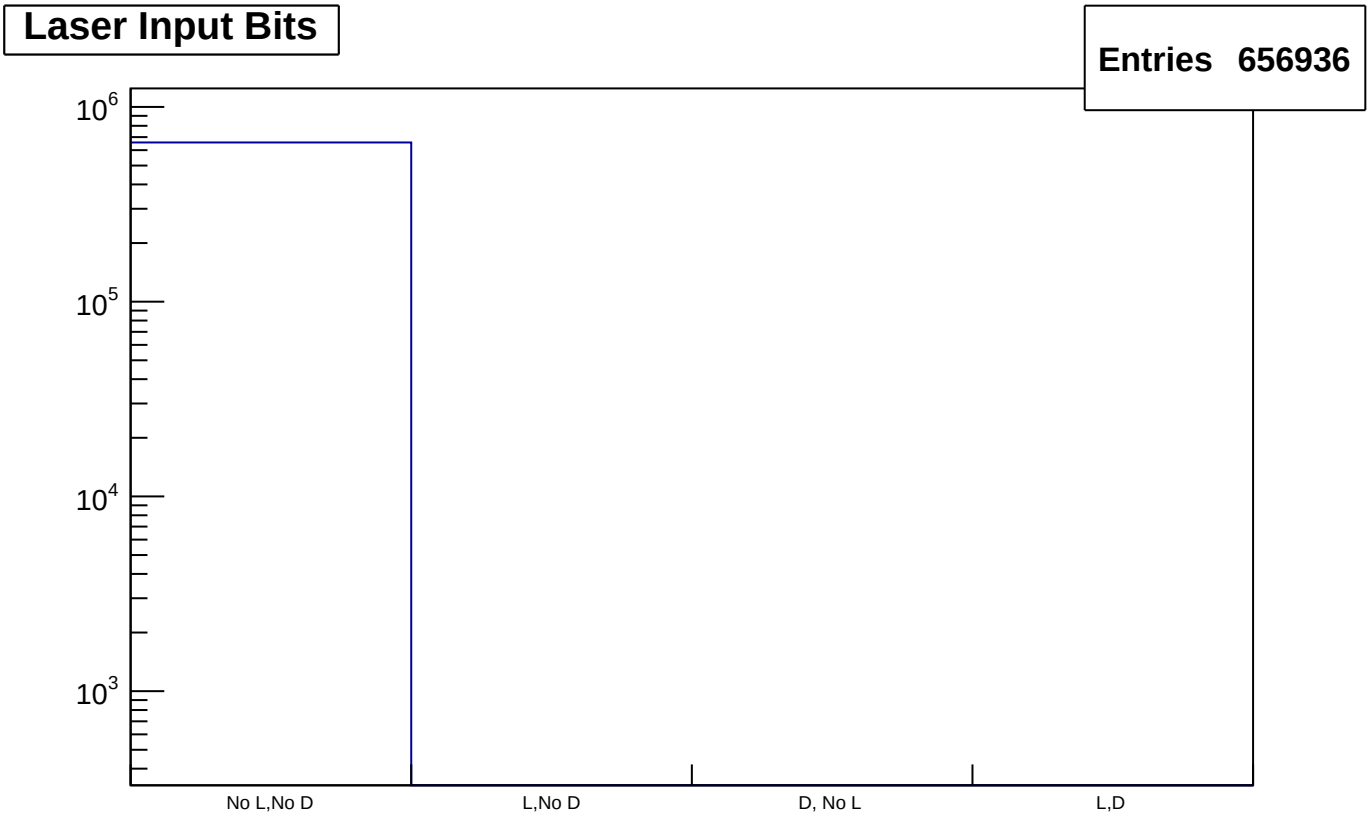

Entries 656936
TOF_Mult
VPD-West ADC Sum

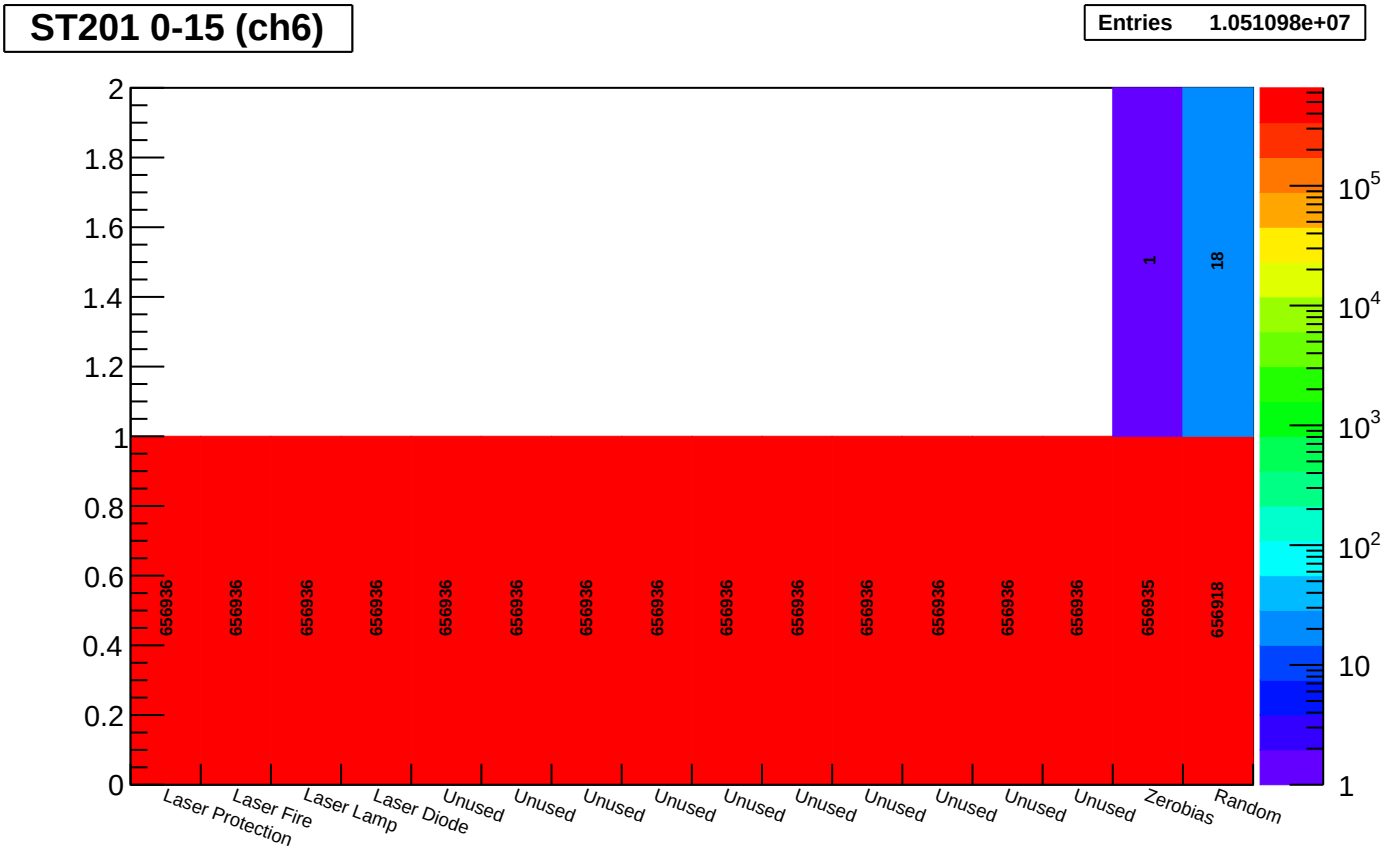

Entries 656936
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

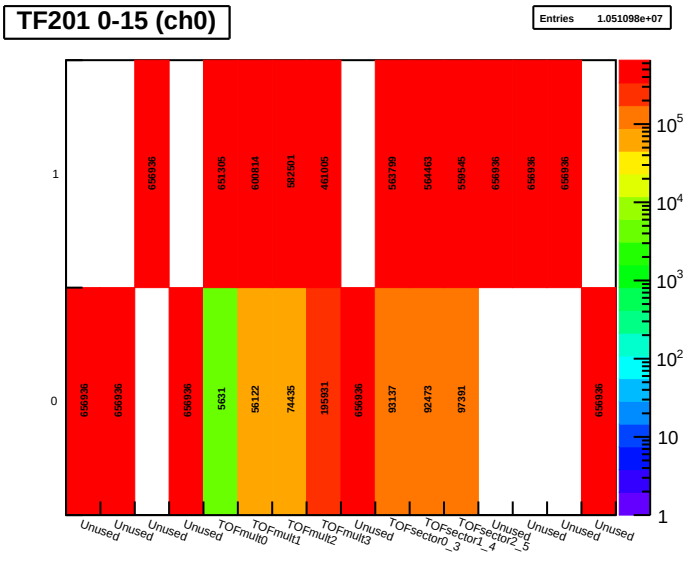

Entries 656936
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

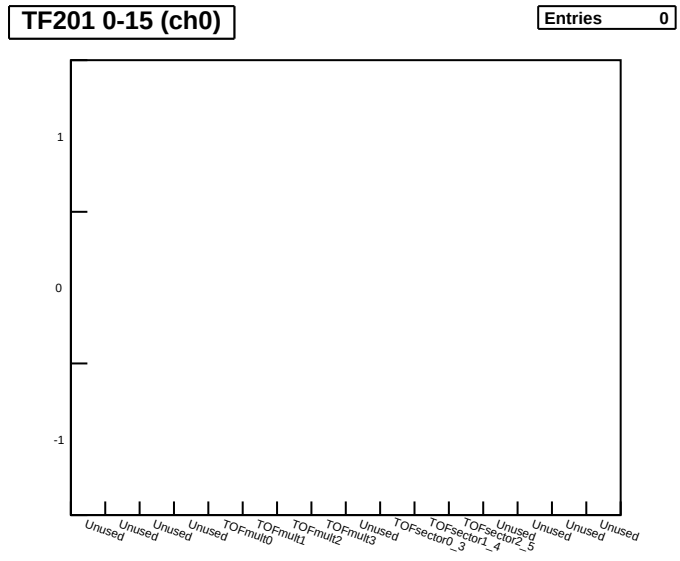

Entries 656936
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

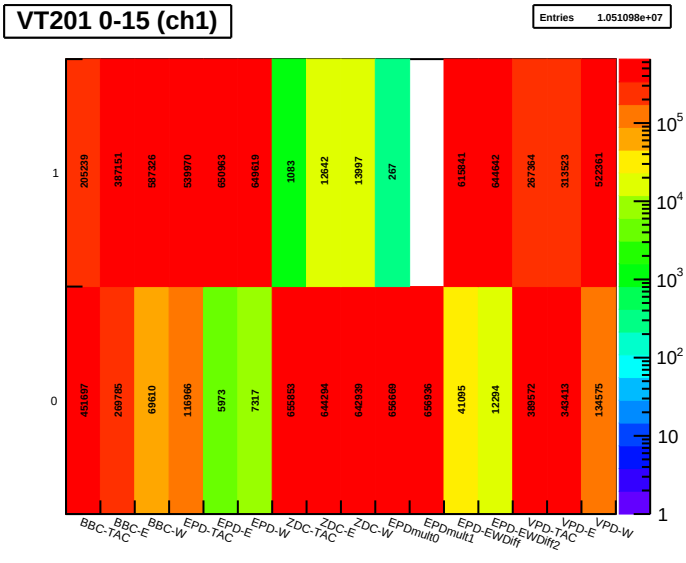

Entries 656936
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

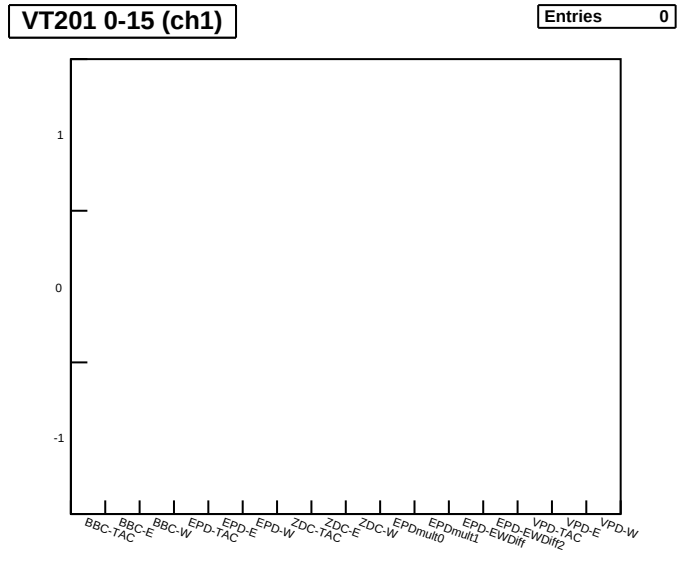

Laser Input Bits
Entries 656936
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

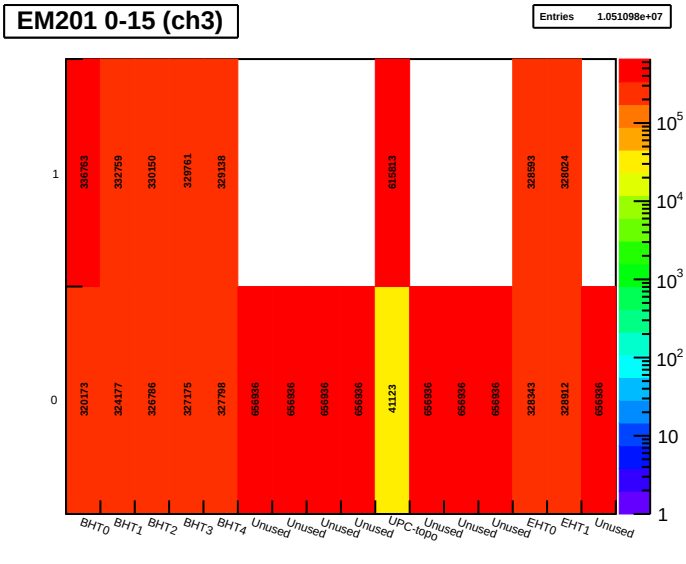

ST201 0-15 (ch6)
Entries 1.051098e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
656936
656936
656936
656936
656936
656936
656936
656936
656936
656936
656936
656936
656936
656936
656935
656918
1
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

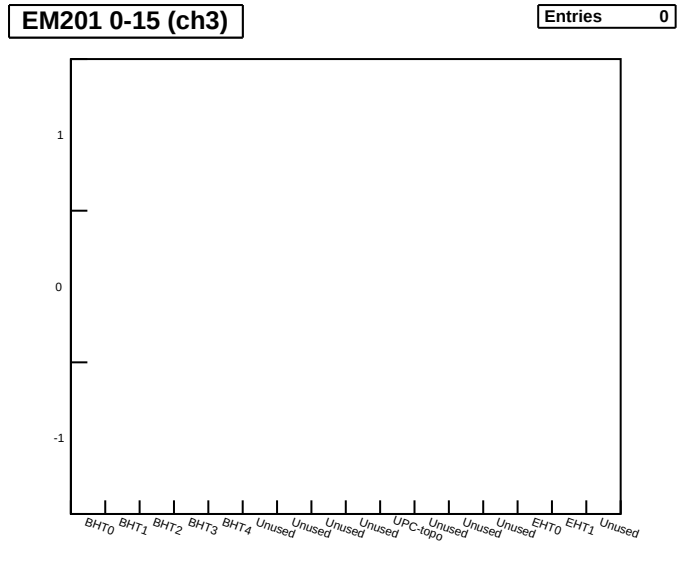

TF201 0-15 (ch0)
Entries 1.051098e+07
1
0
656936 656936 656936 656936 656936 656936 656936 656936 656936 656936 656936 656936 656936 656936 656936 656936
5631 56122 74435 195931 93137 92473 97391
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 1.051098e+07
1
0
205239 397151 587326 539970 650963 649619 1083 12642 13997 267 615841 644642 267364 313523 522361
451697 269785 69610 116966 5973 7317 655853 644294 642939 656669 656936 41095 12294 388572 343413 134575
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


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


EM201 0-15 (ch3)
Entries 1.051098e+07
1
0
336763 332759 330150 329761 329138 615813 328593 328024
320173 324177 326786 327175 327798 656936 656936 656936 656936 41123 656936 656936 656936 328343 328912 656936
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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