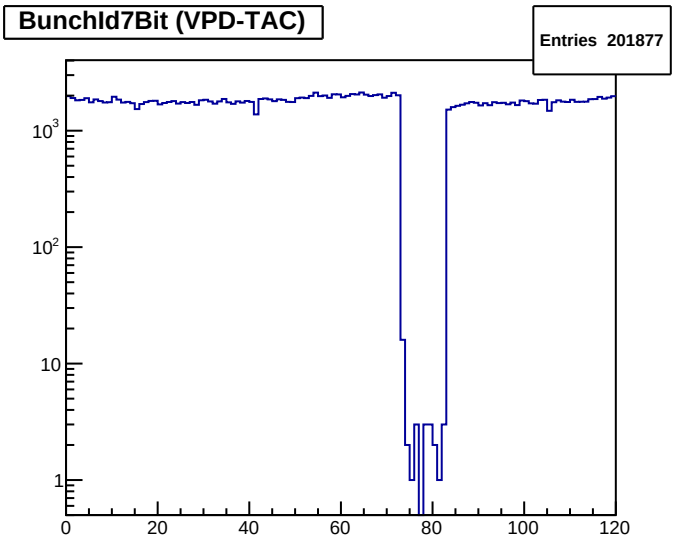
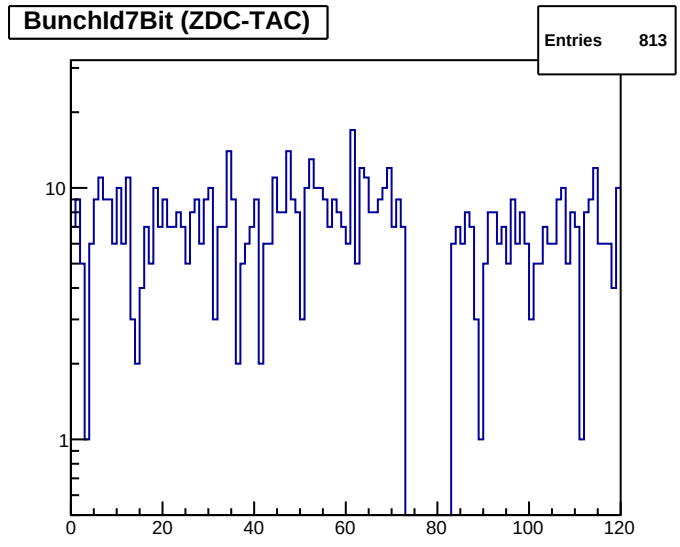
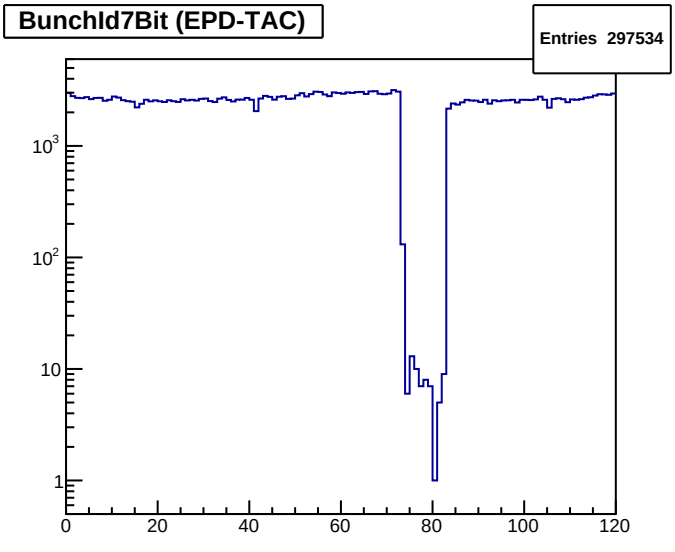
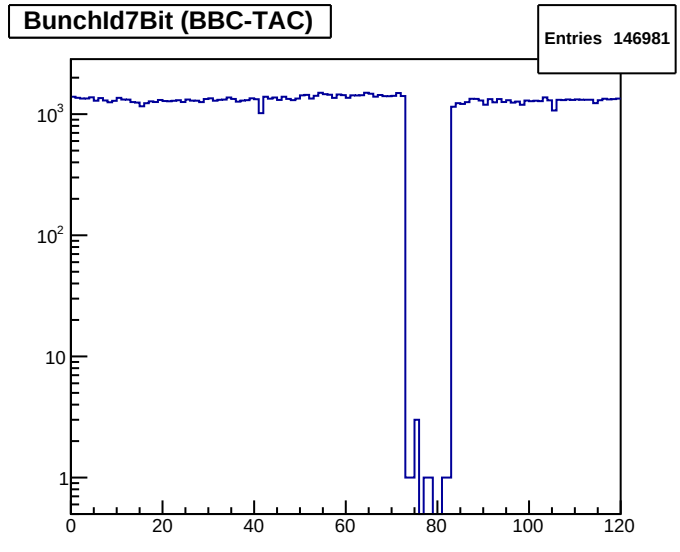
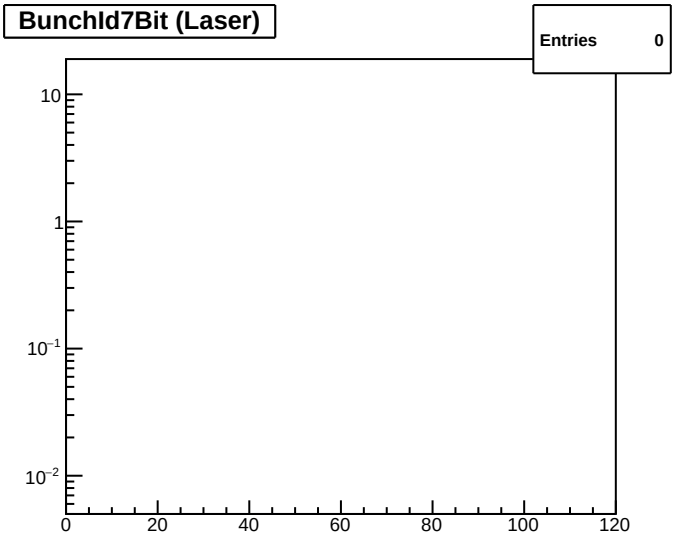
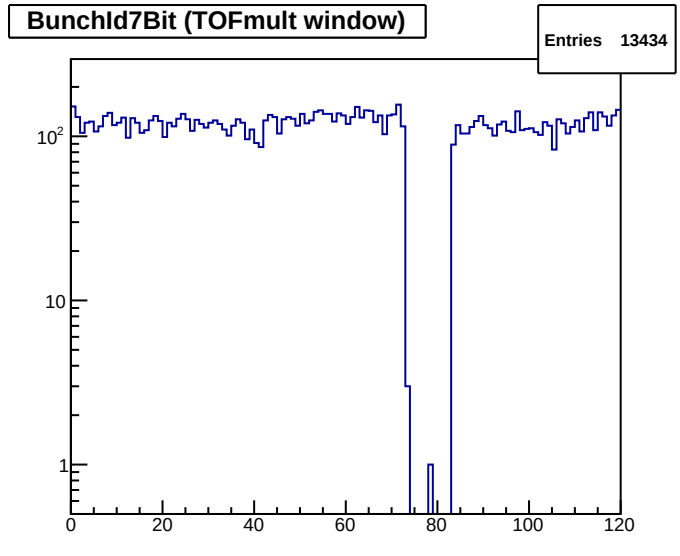

BunchId7Bit (VPD-TAC)
Entries 201877

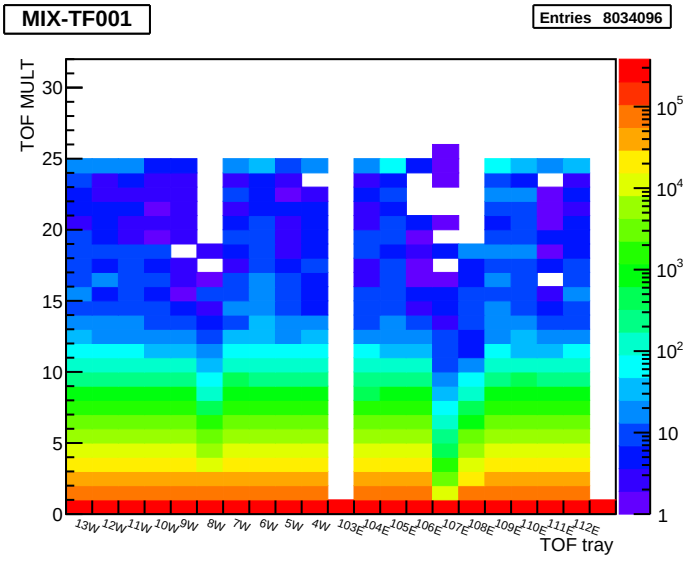

BunchId7Bit (ZDC-TAC)
Entries 813

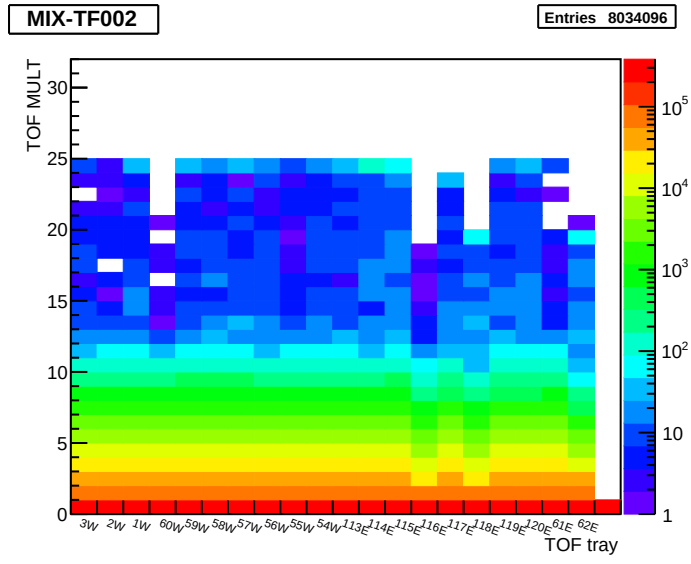

BunchId7Bit (EPD-TAC)
Entries 297534

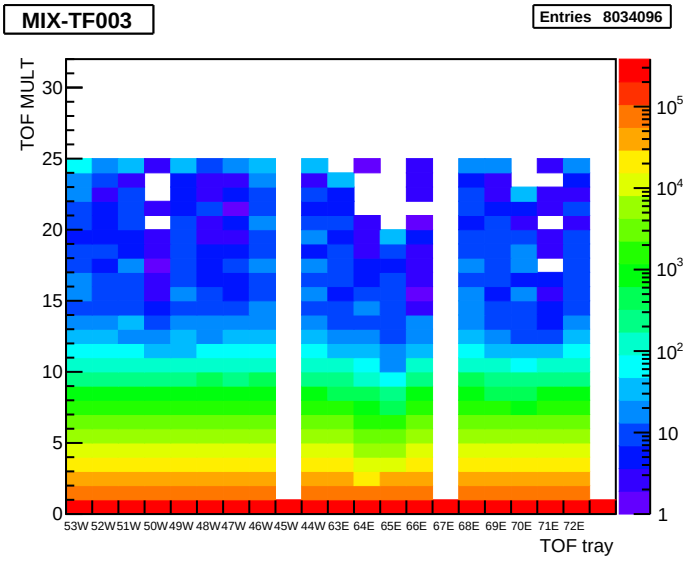

BunchId7Bit (BBC-TAC)
Entries 146981

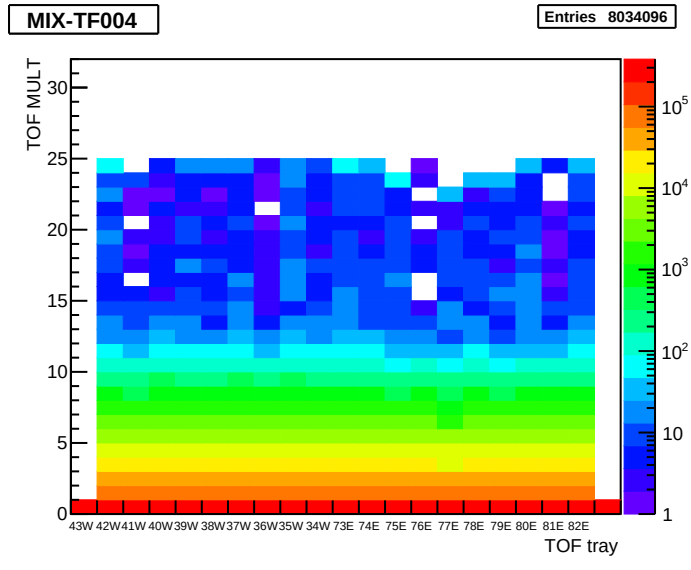

BunchId7Bit (Laser)
Entries 0

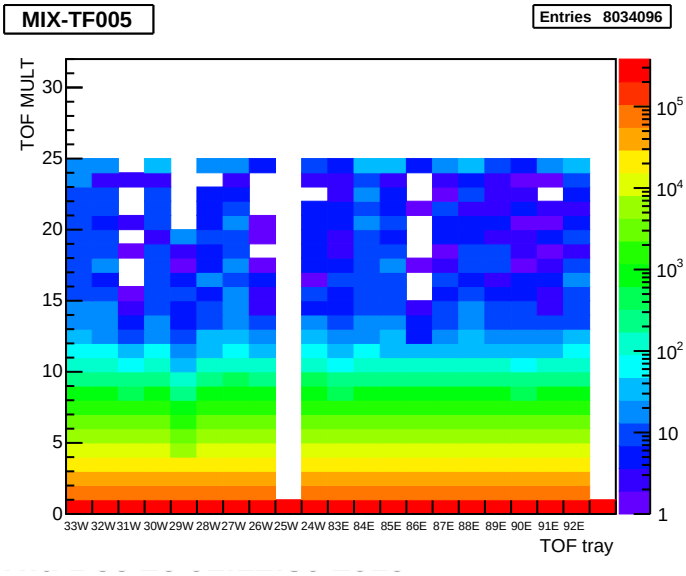

BunchId7Bit (TOFmult window)
Entries 13434

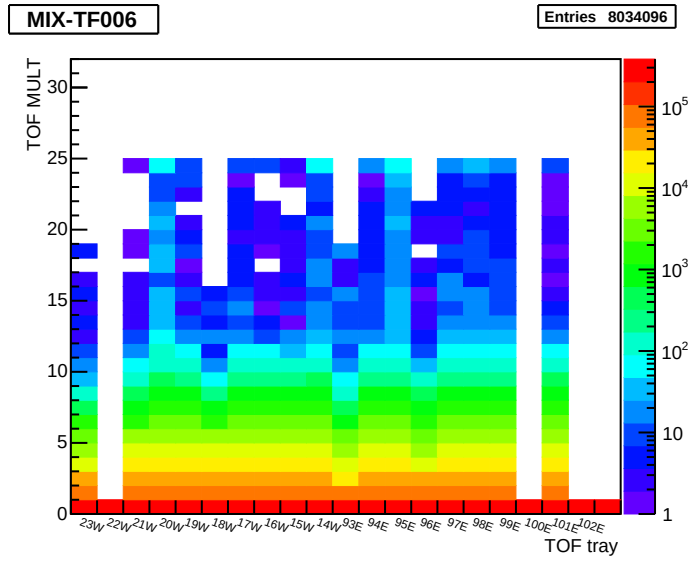

MIX-TF001
Entries 8034096
TOF MULT
TOF tray

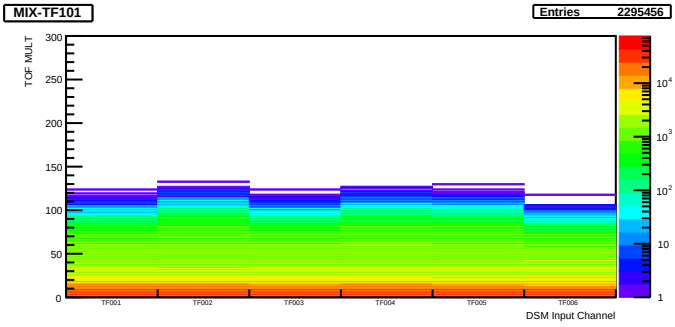

MIX-TF002
Entries 8034096
TOF MULT
TOF tray

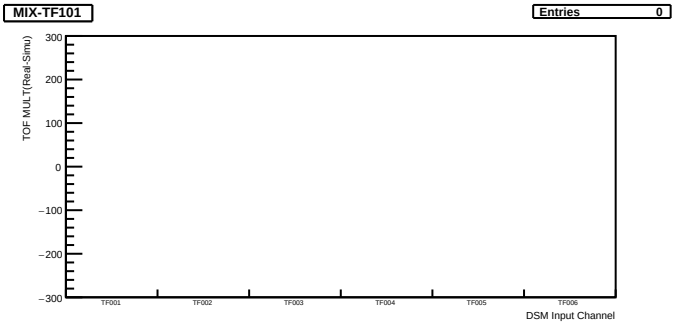

MIX-TF003
Entries 8034096
TOF MULT
TOF tray

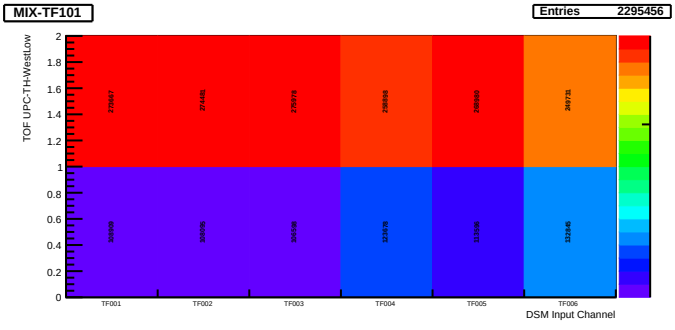

MIX-TF004
Entries 8034096
TOF MULT
TOF tray

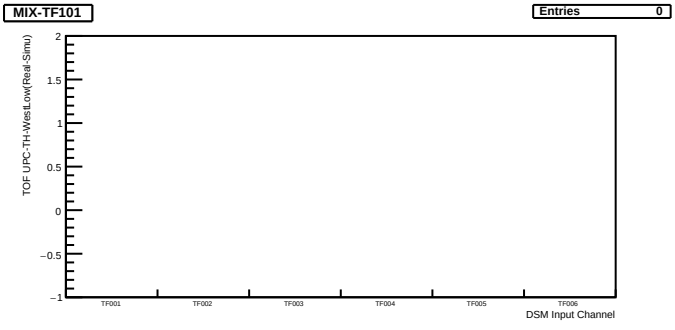

MIX-TF005
Entries 8034096
TOF MULT
TOF tray

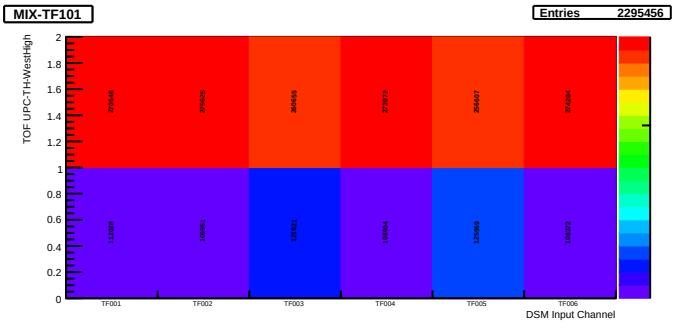

MIX-TF006
Entries 8034096
TOF MULT
TOF tray

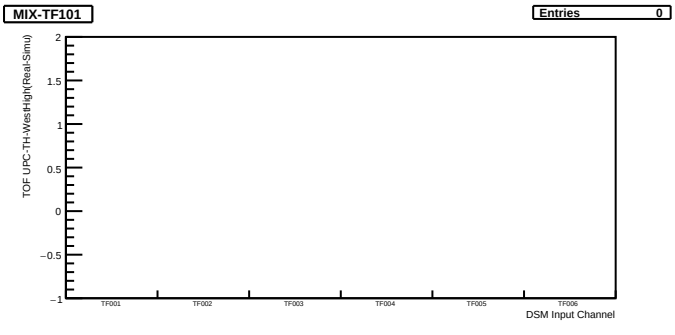

MIX-TF101
Entries 2295456
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

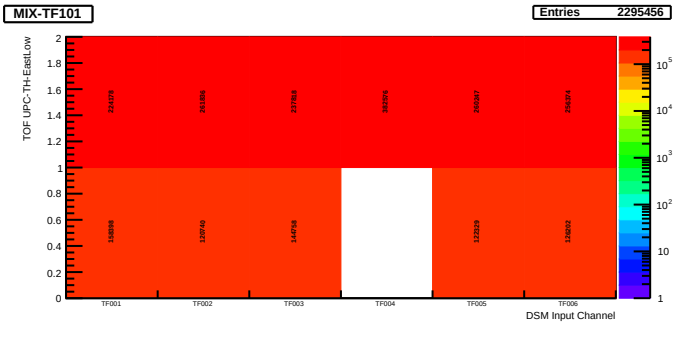

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

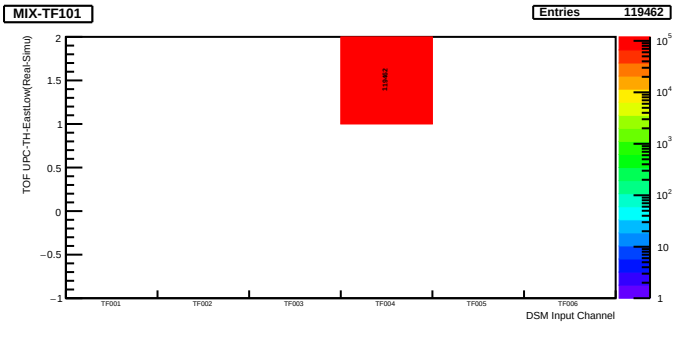

MIX-TF101
Entries 2295456
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

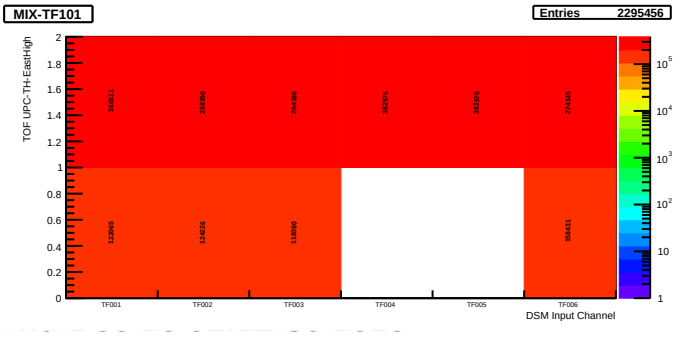

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

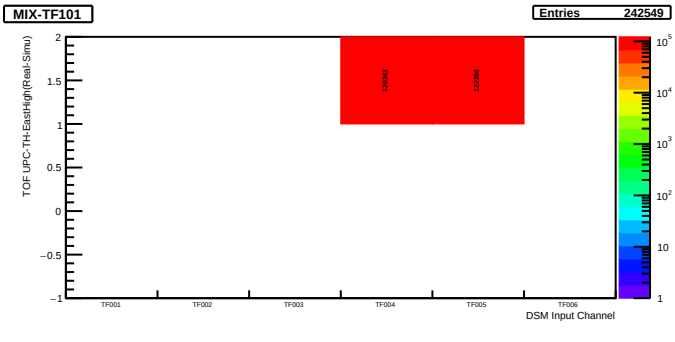

MIX-TF101
Entries 2295456
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

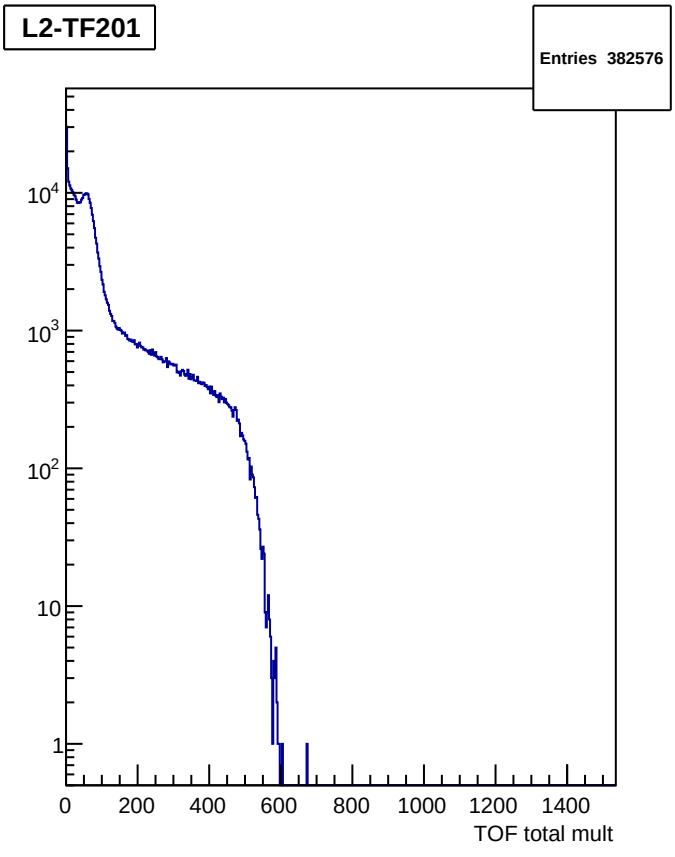

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

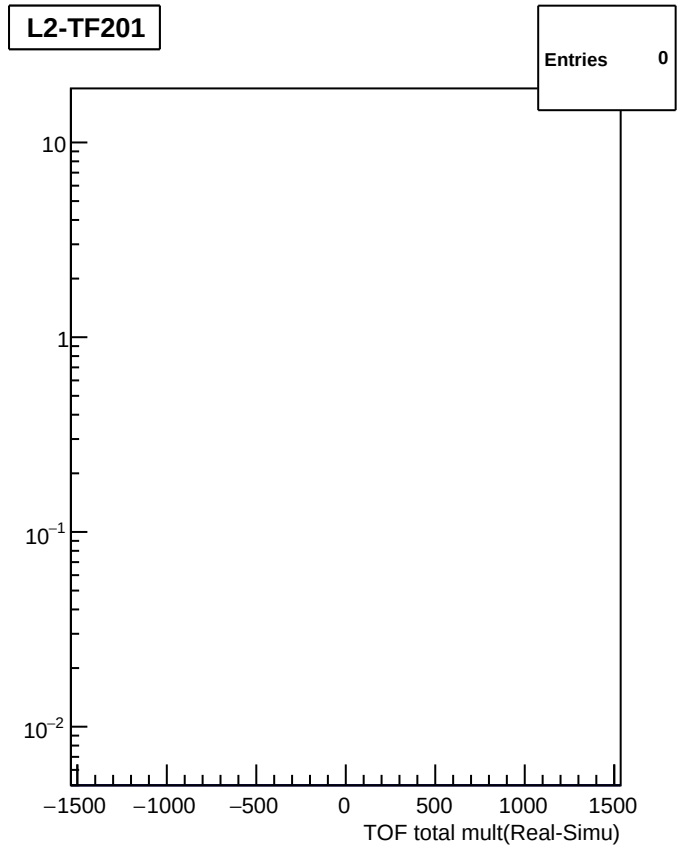

MIX-TF101
Entries 2295456
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

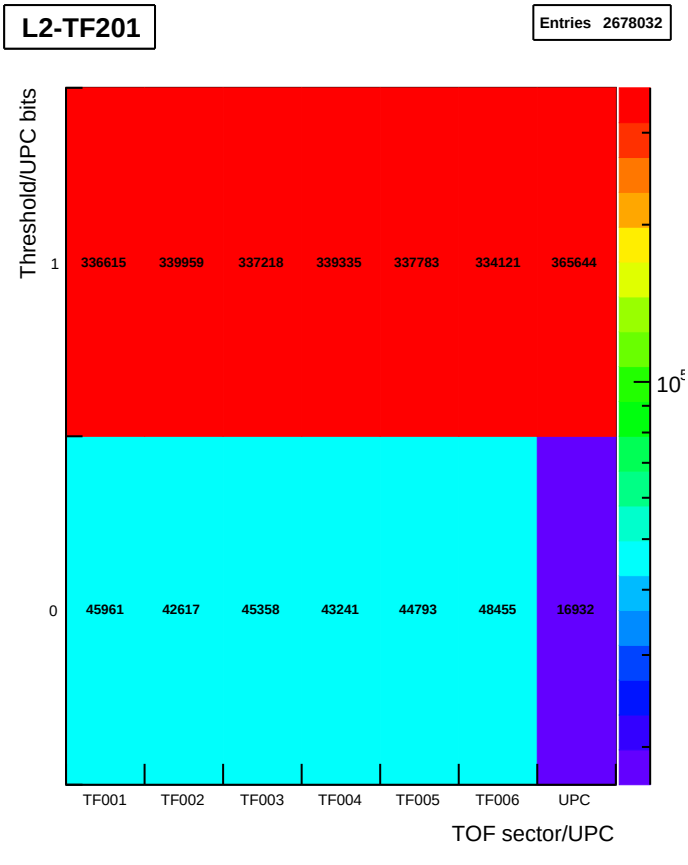

MIX-TF101
Entries 119462
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

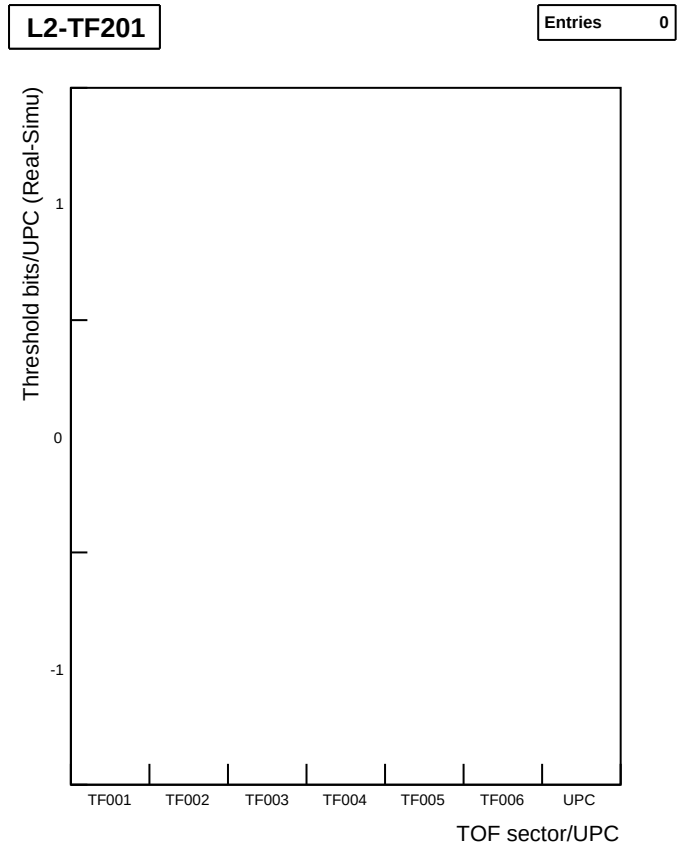

MIX-TF101
Entries 2295456
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

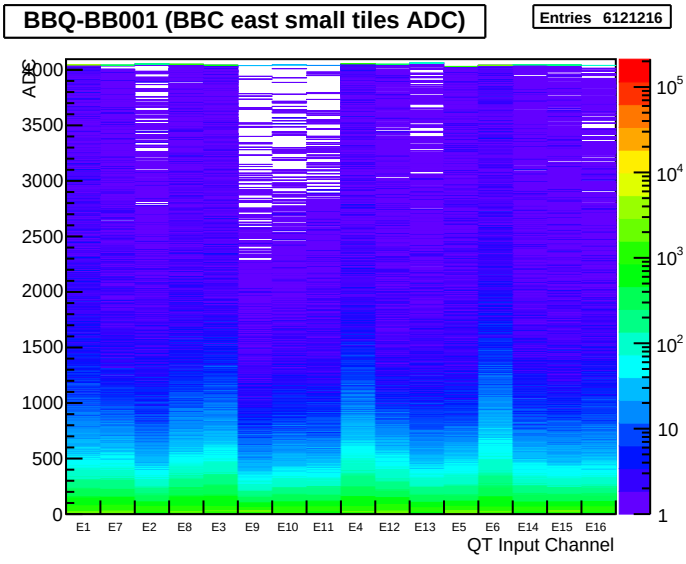

MIX-TF101
Entries 242549
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

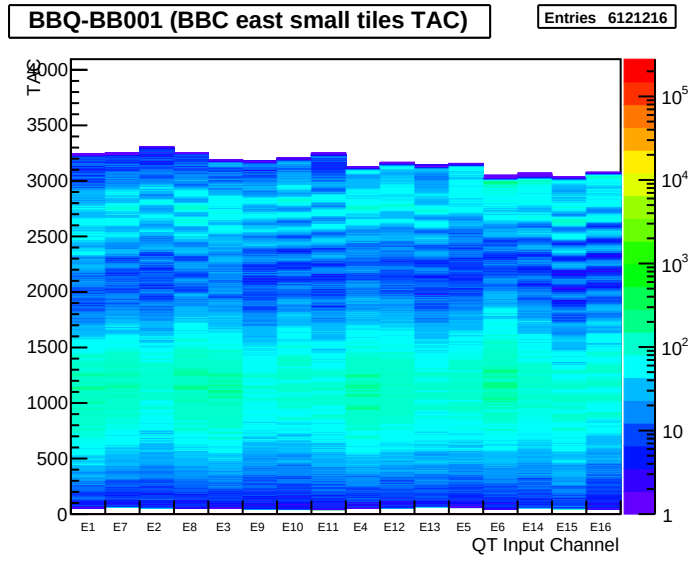

L2-TF201
Entries 382576
TOF total mult

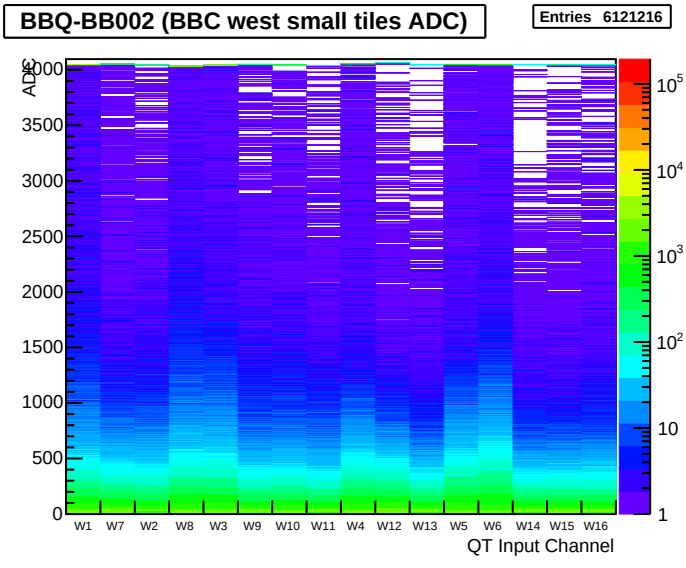

L2-TF201
Entries 0
TOF total mult(Real-Simu)

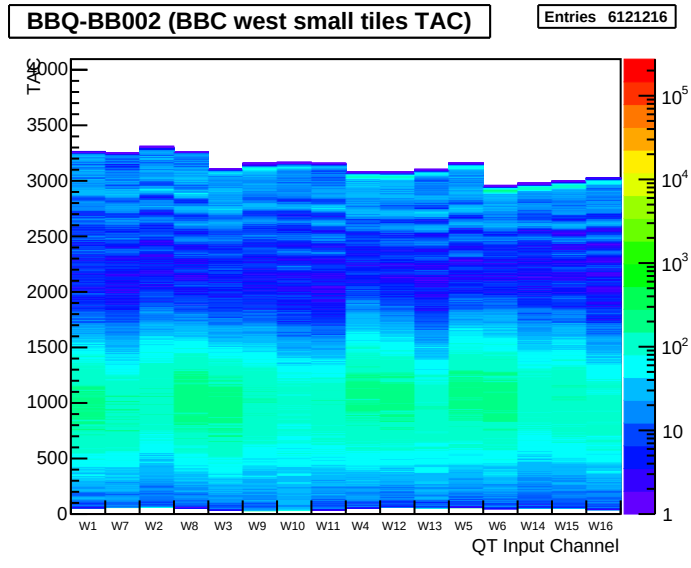

L2-TF201
Entries 2678032
Threshold/UPC bits
336615 339959 337218 339335 337783 334121 365644
45961 42617 45358 43241 44793 48455 16932
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

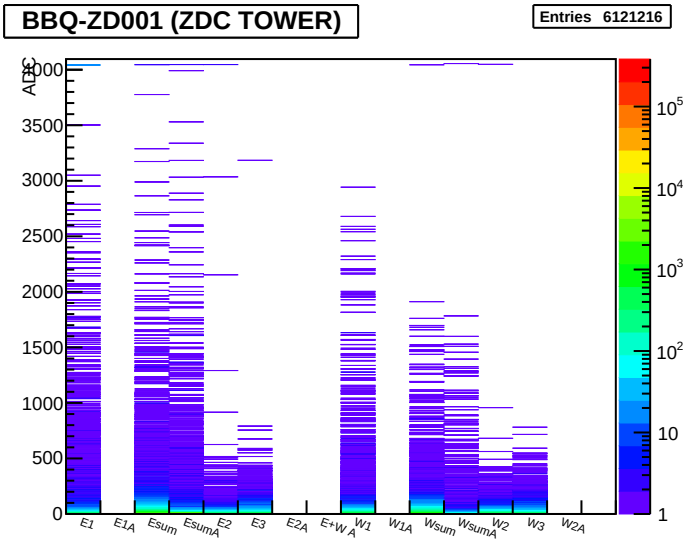

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

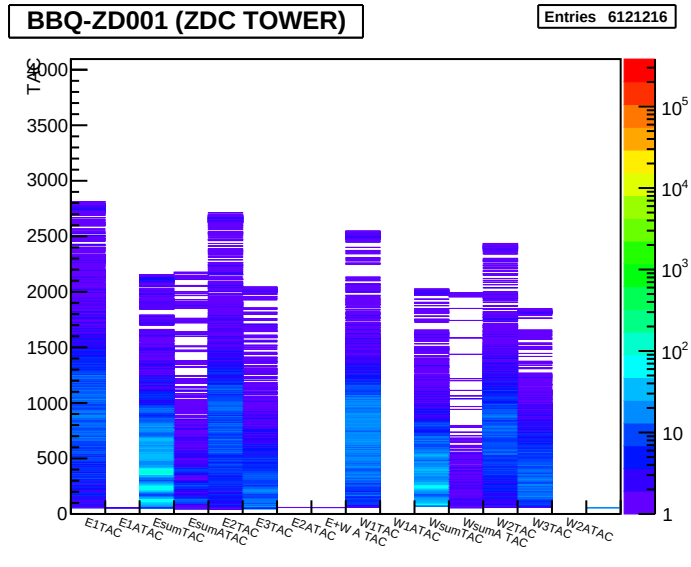

BBQ-BB001 (BBC east small tiles ADC)
Entries 6121216
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

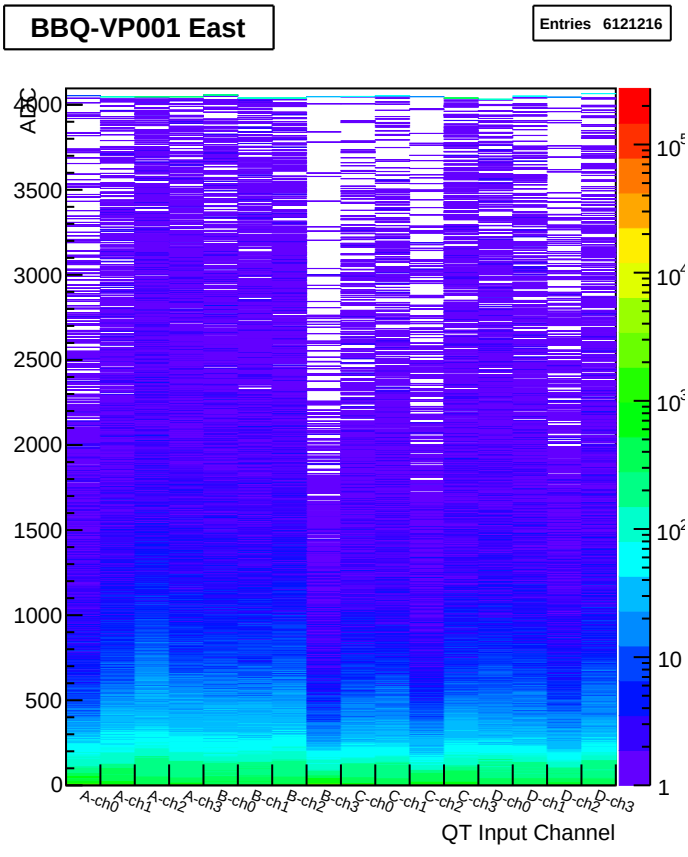

BBQ-BB001 (BBC east small tiles TAC)
Entries 6121216
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

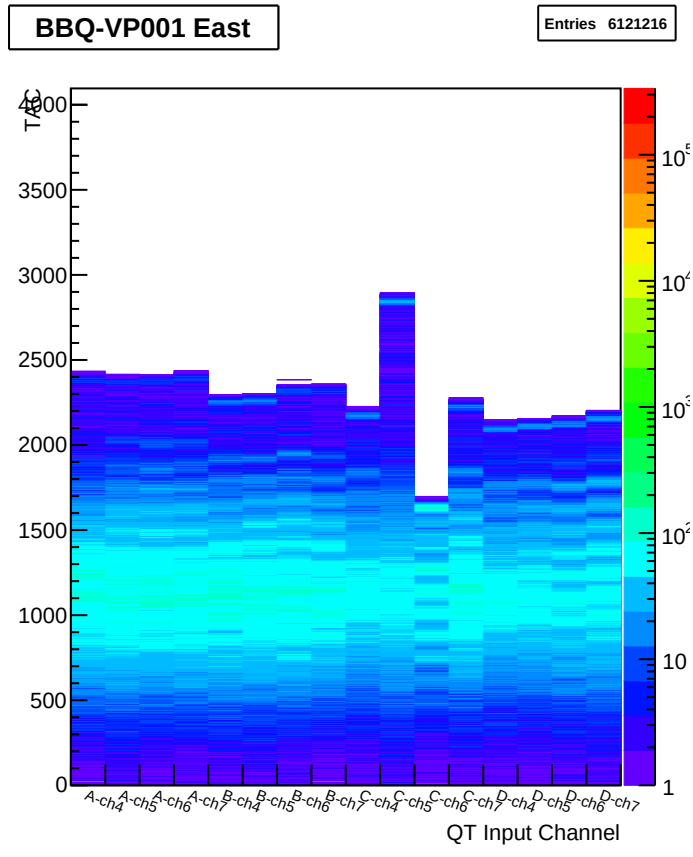

BBQ-BB002 (BBC west small tiles ADC)
Entries 6121216
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

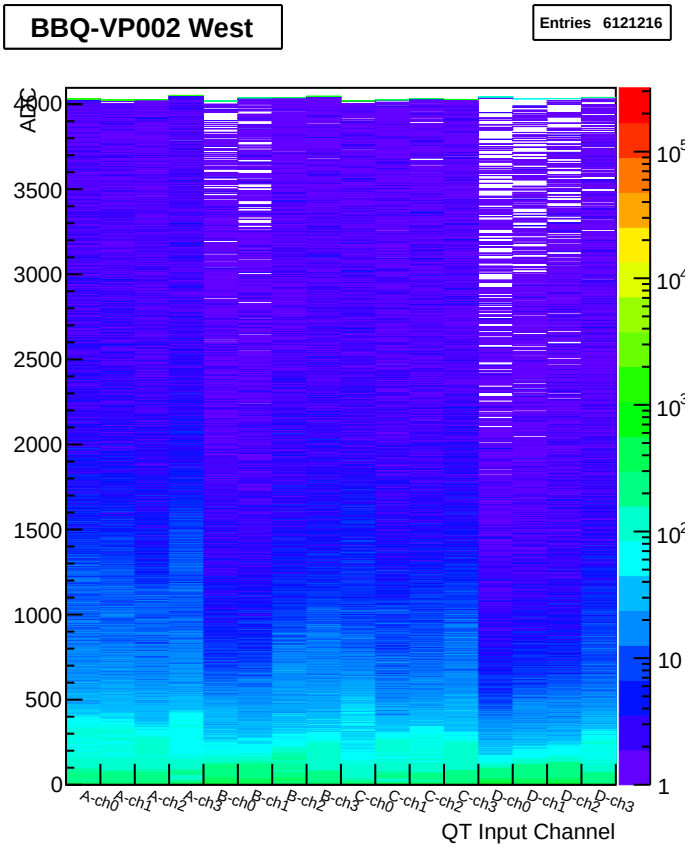

BBQ-BB002 (BBC west small tiles TAC)
Entries 6121216
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

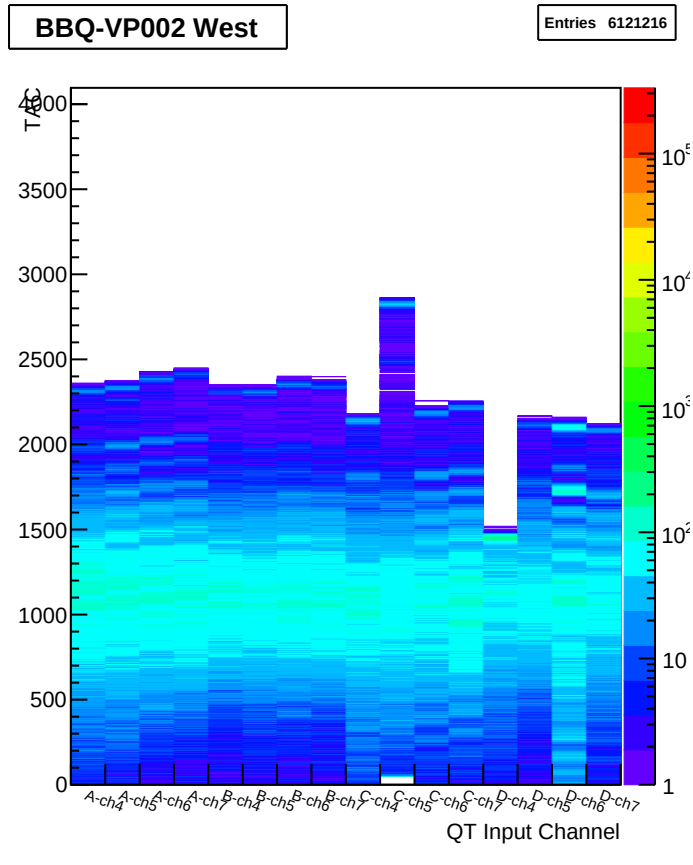

BBQ-ZD001 (ZDC TOWER)
Entries 6121216
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

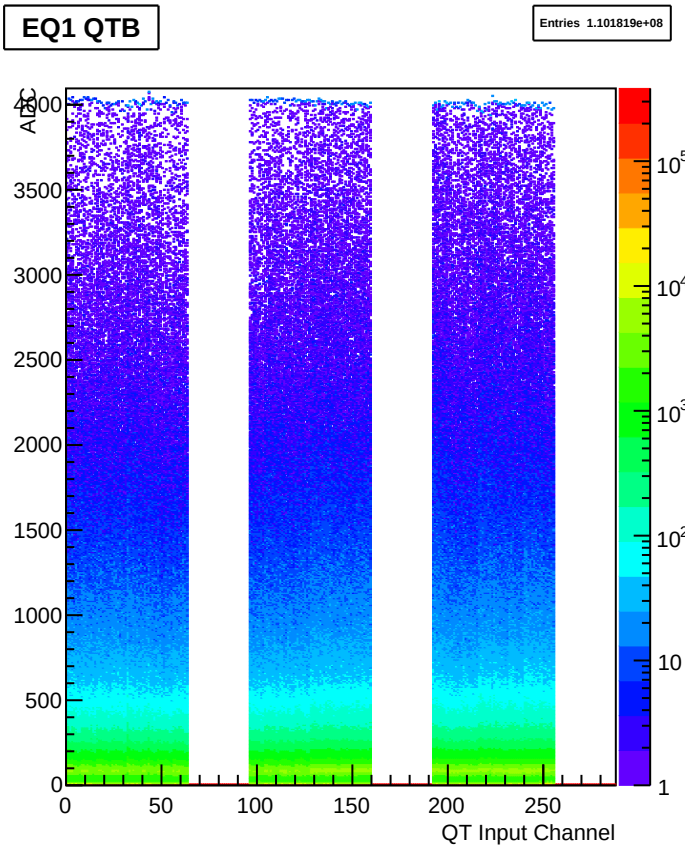

BBQ-ZD001 (ZDC TOWER)
Entries 6121216
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

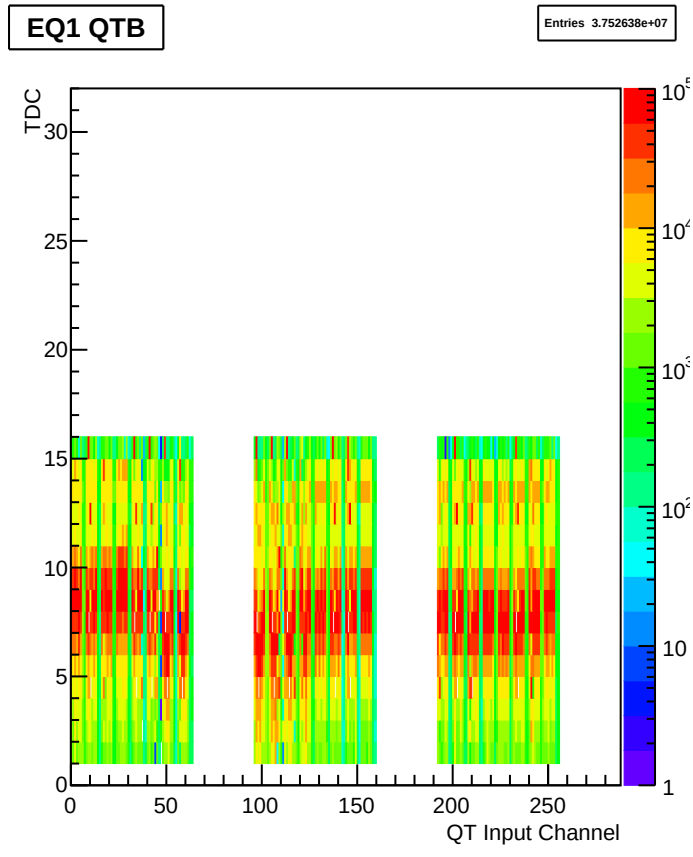

BBQ-VP001 East
Entries 6121216
ADC
QT Input Channel

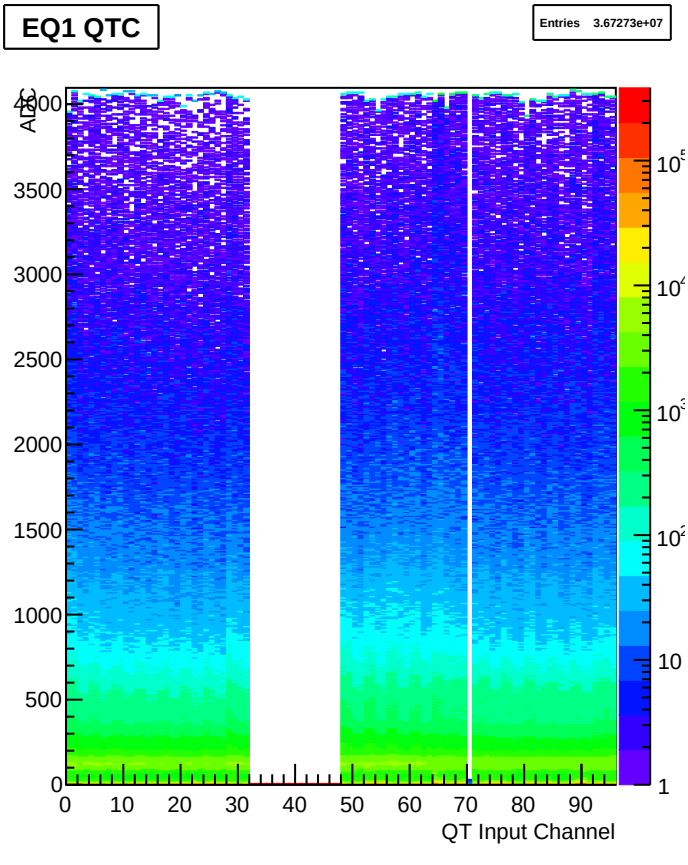

BBQ-VP001 East
Entries 6121216
ADC
QT Input Channel

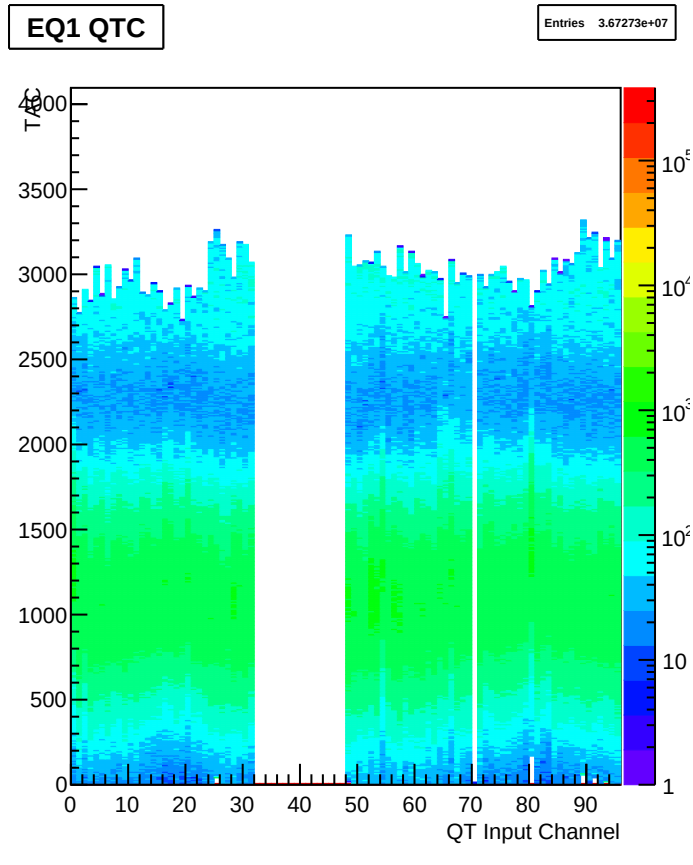

BBQ-VP002 West
Entries 6121216
ADC
QT Input Channel

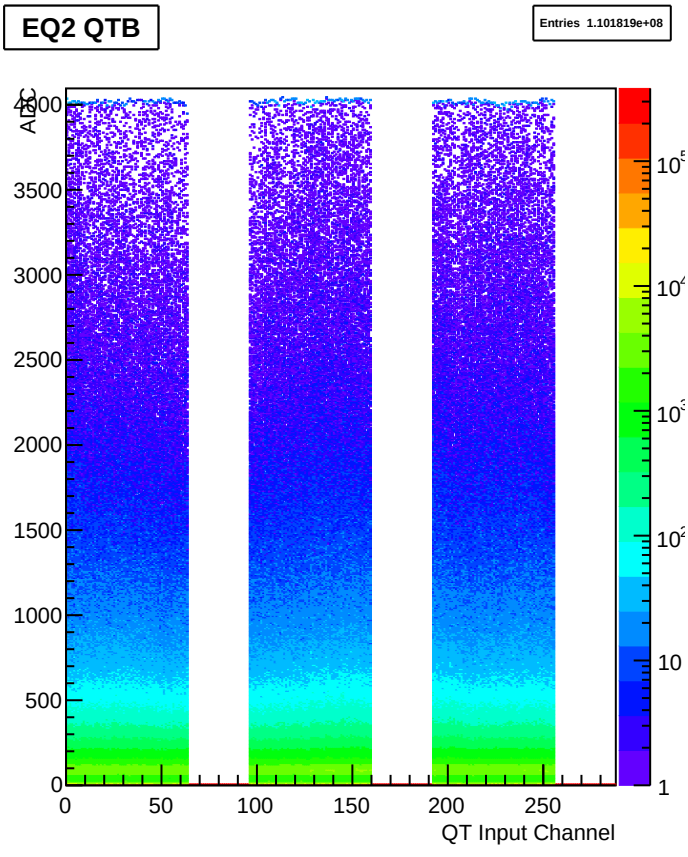

BBQ-VP002 West
Entries 6121216
ADC
QT Input Channel

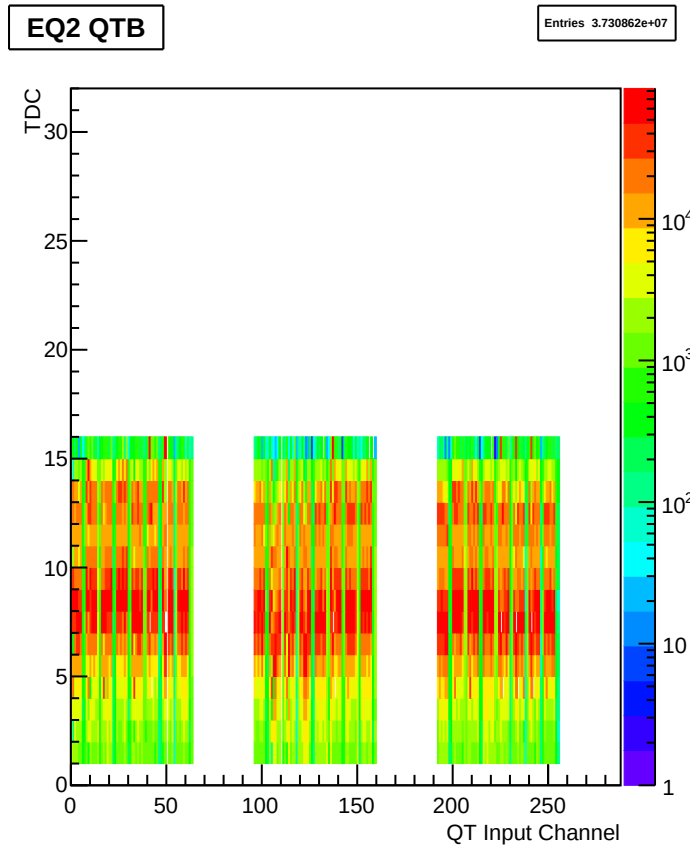

EQ1 QTB
Entries 1.101819e+08
ADC
QT Input Channel

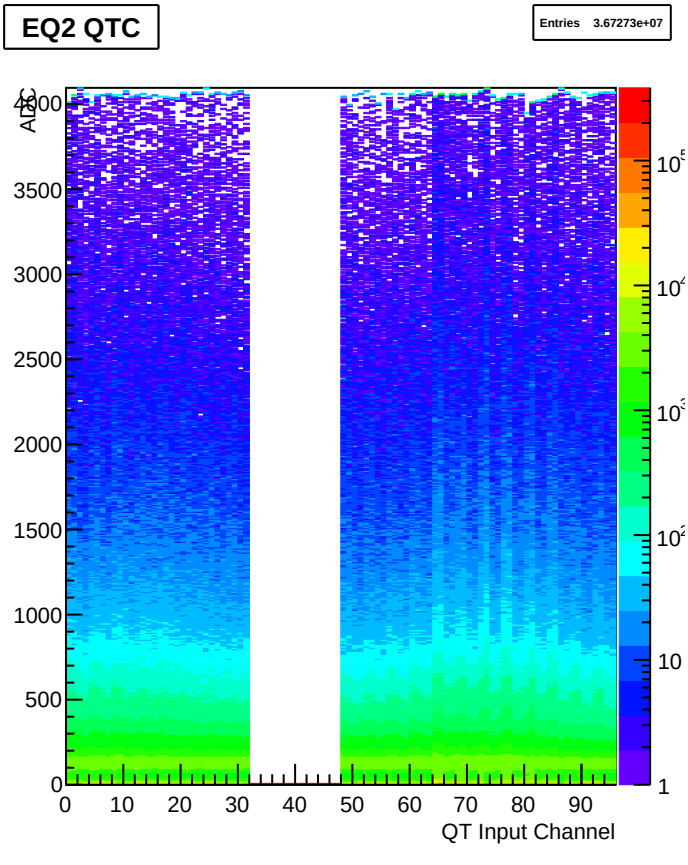

EQ1 QTB
Entries 3.752638e+07
TDC
QT Input Channel

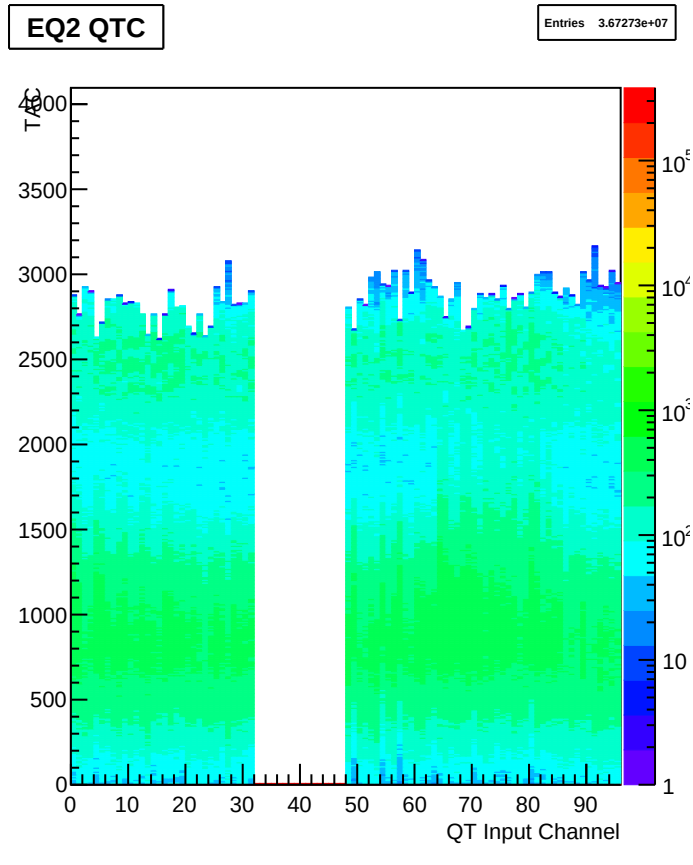

EQ1 QTC
Entries 3.67273e+07
ADC
QT Input Channel

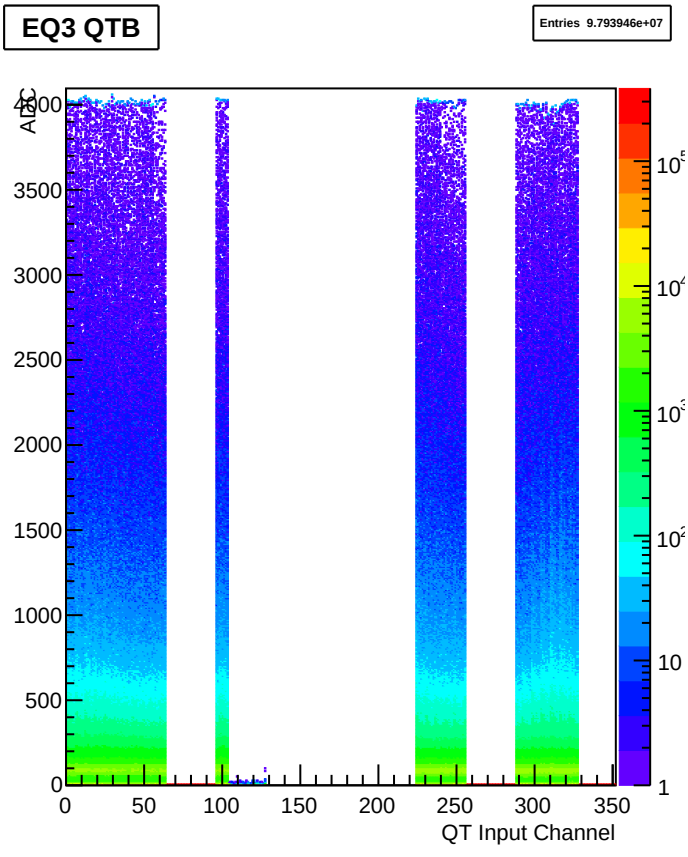

EQ1 QTC
Entries 3.67273e+07
TADC
QT Input Channel

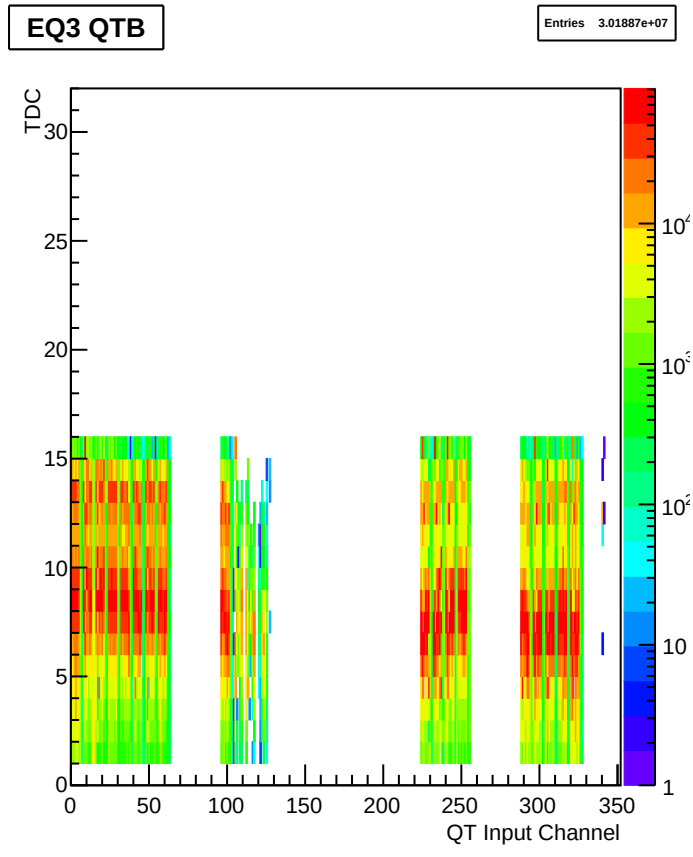

EQ2 QTB
Entries 1.101819e+08
ADC
QT Input Channel

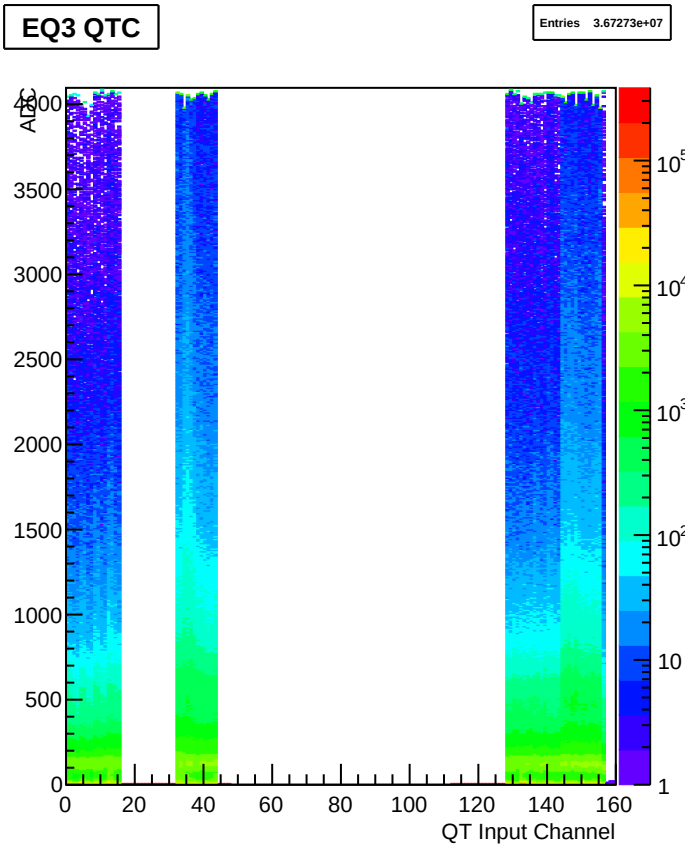

EQ2 QTB
Entries 3.730862e+07
TDC
QT Input Channel

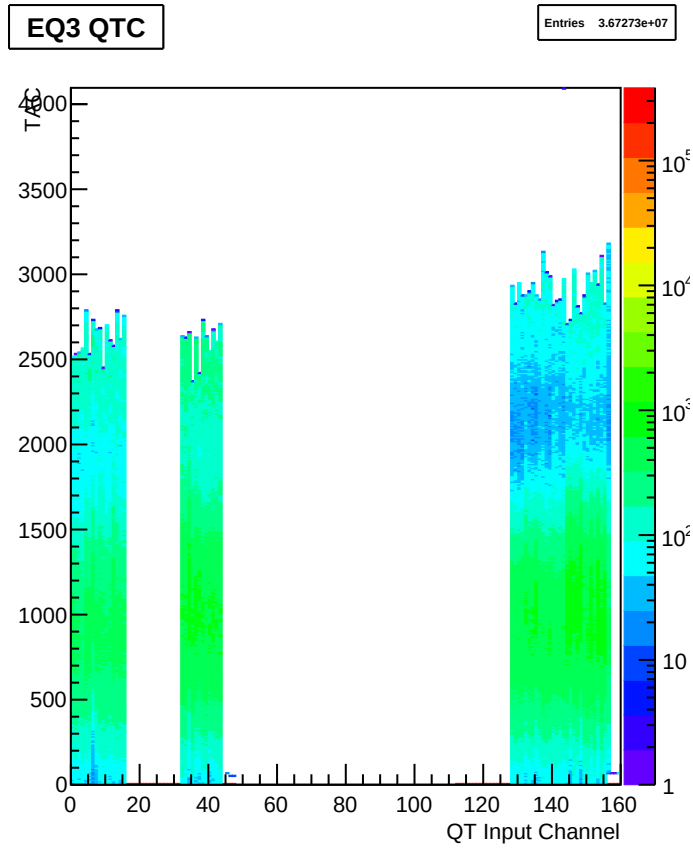

EQ2 QTC
Entries 3.67273e+07
ADC
QT Input Channel

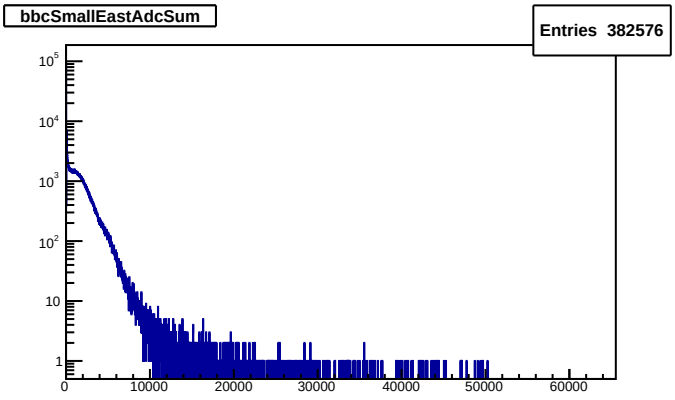

EQ2 QTC
Entries 3.67273e+07
TADC
QT Input Channel

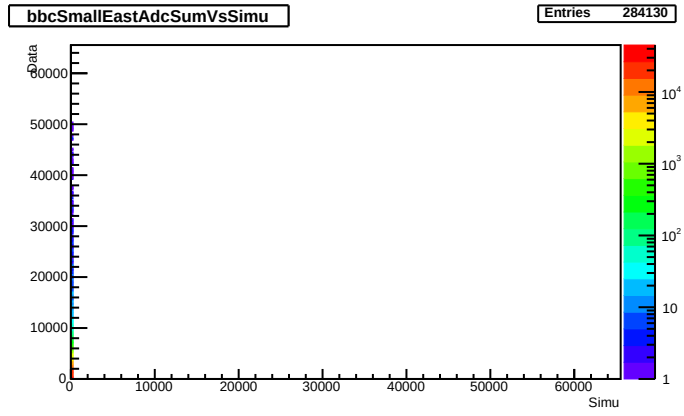

EQ3 QTB
Entries 9.793946e+07
ADC
QT Input Channel

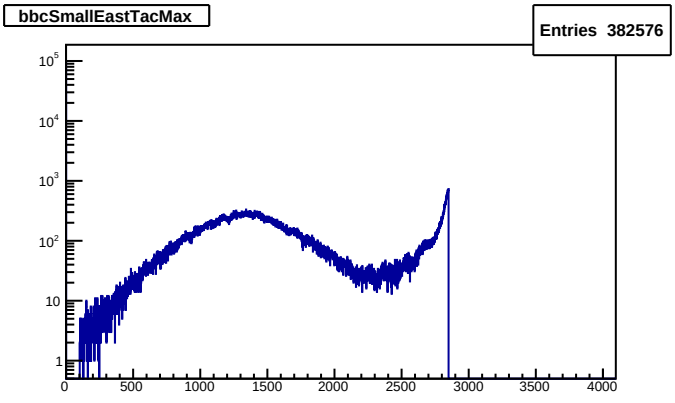

EQ3 QTB
Entries 3.01887e+07
TDC
QT Input Channel

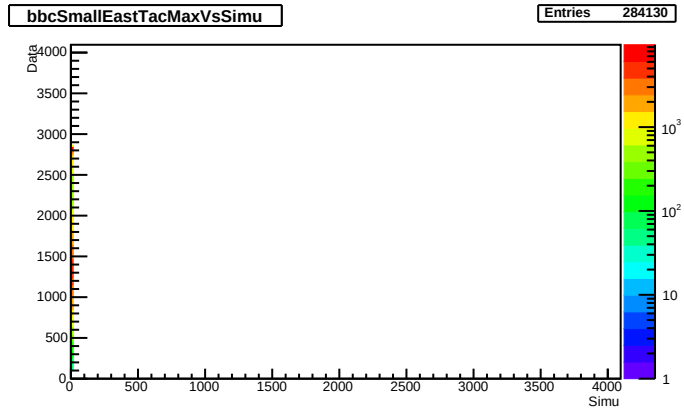

EQ3 QTC
Entries 3.67273e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.67273e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 382576


bbcSmallEastAdcSumVsSimu
Entries 284130
Data
Simu


bbcSmallEastTacMax
Entries 382576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Entries 284130
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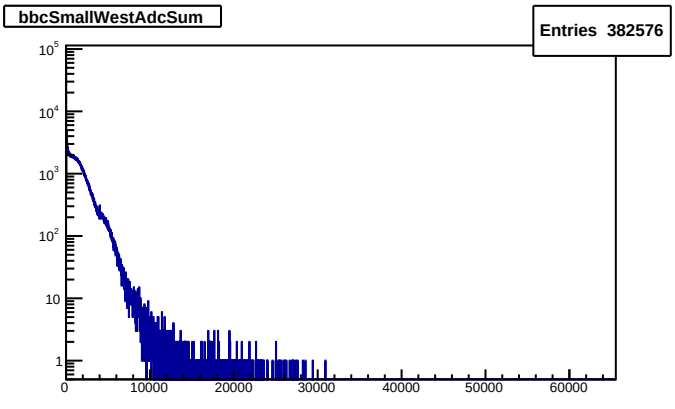
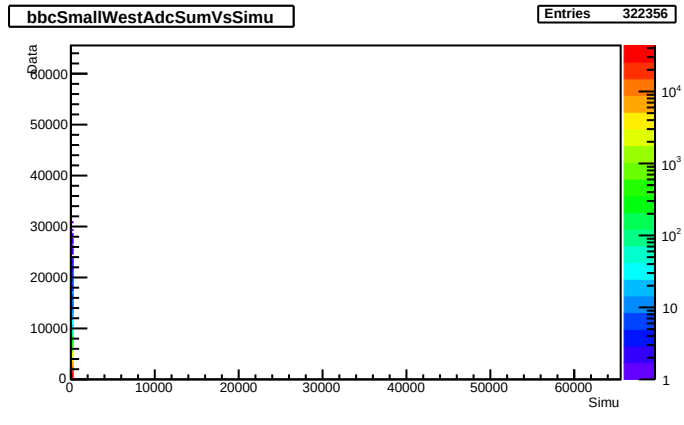

bbcSmallWestAdcSum
Entries 382576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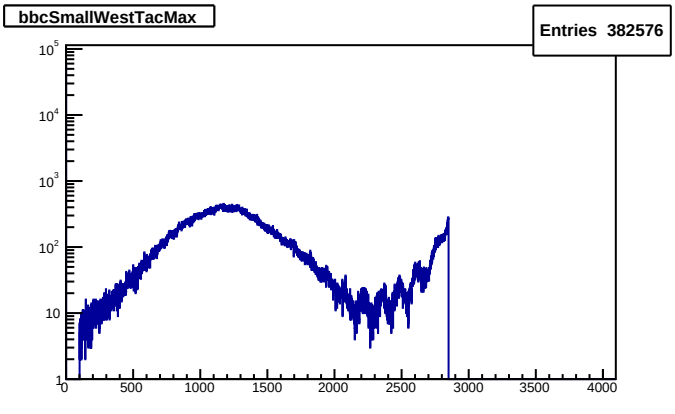
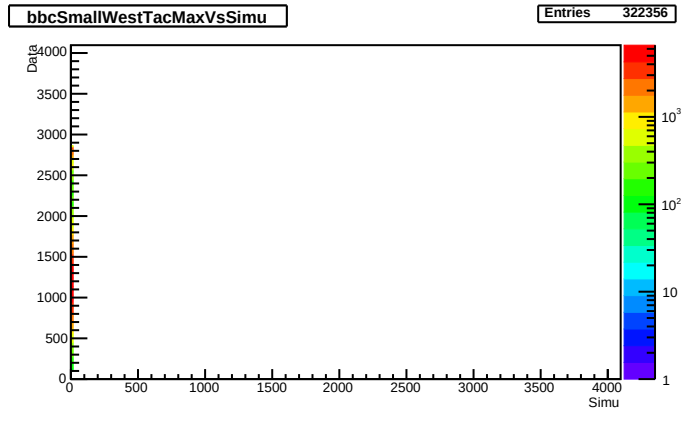
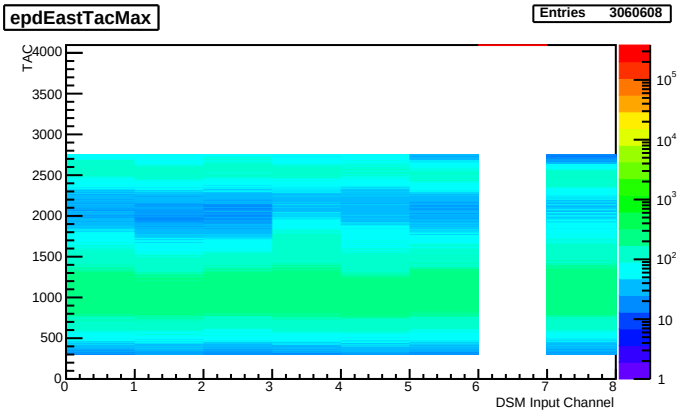
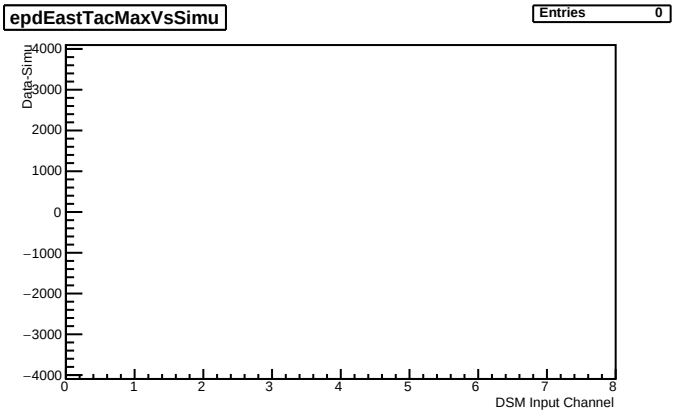
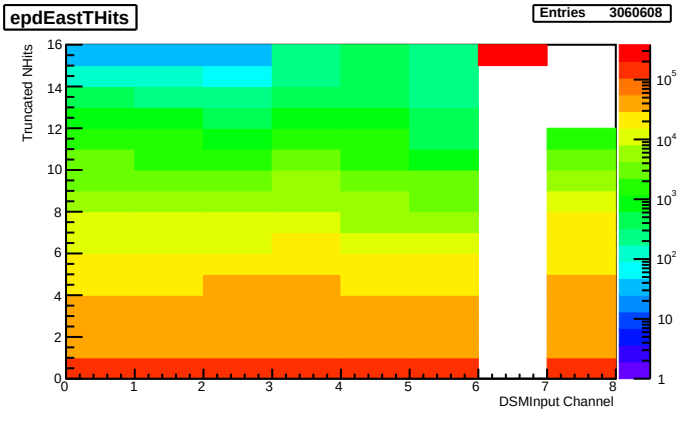
Entries 322356
Data
Simu

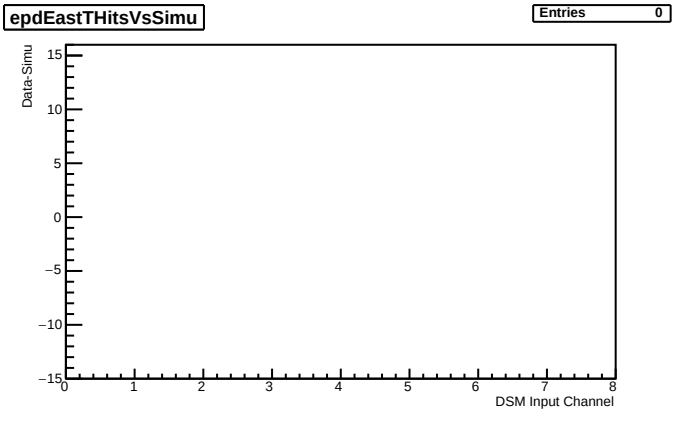

bbcSmallWestTacMax
Entries 382576


bbcSmallWestTacMaxVsSimu
Entries 322356
Data
Simu


epdEastTacMax
Entries 3060608
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3060608
Truncated NHits
DSMInput Channel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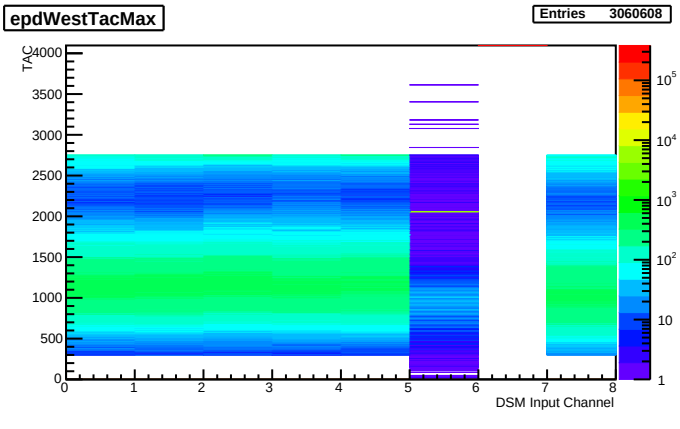
Data-Simu
DSM Input Channel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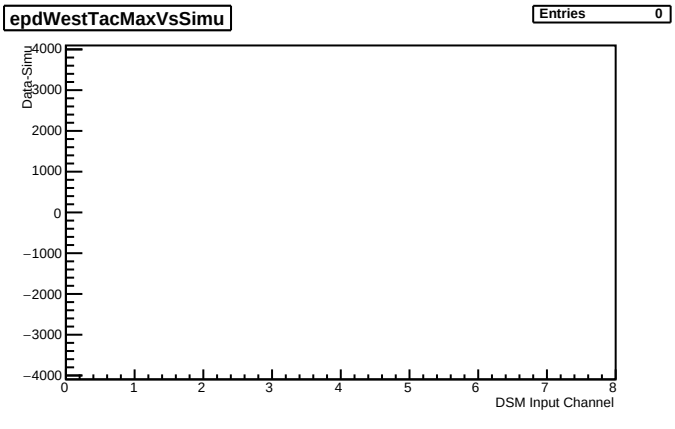
Entries 3060608
TAC
DSM Input Channel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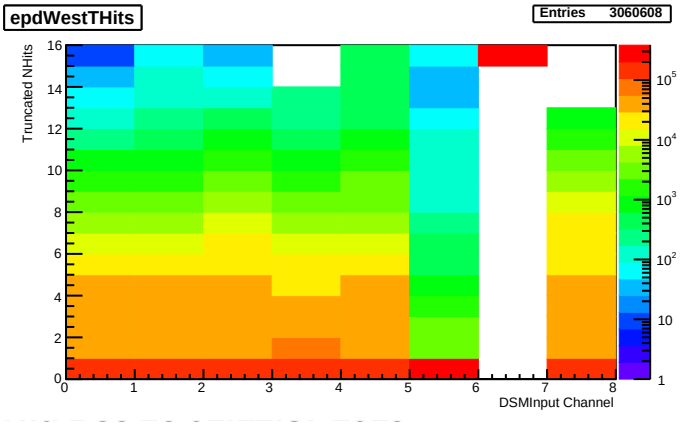
Entries 0
Data-Simu
DSM Input Channel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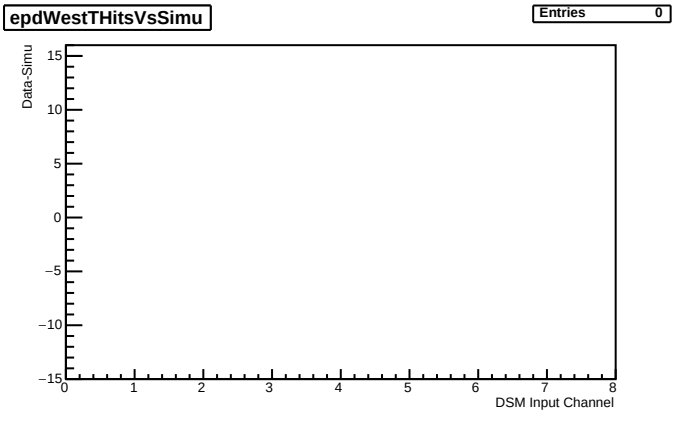
Entries 3060608
Truncated NHits
DSMInput Channel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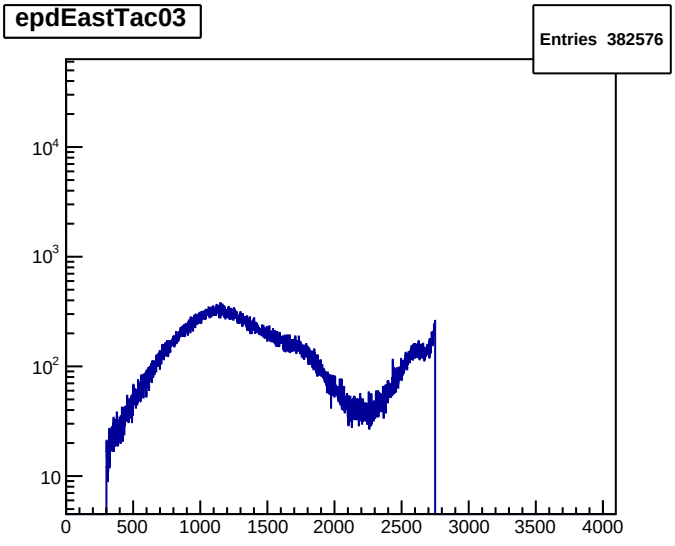
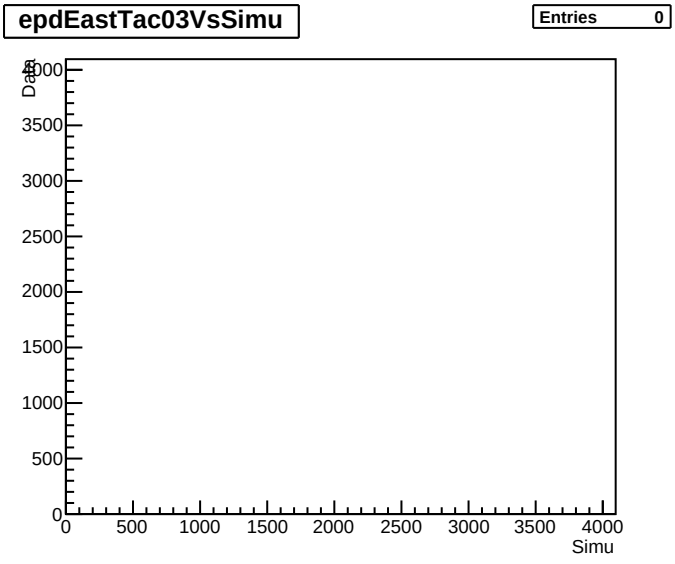
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 382576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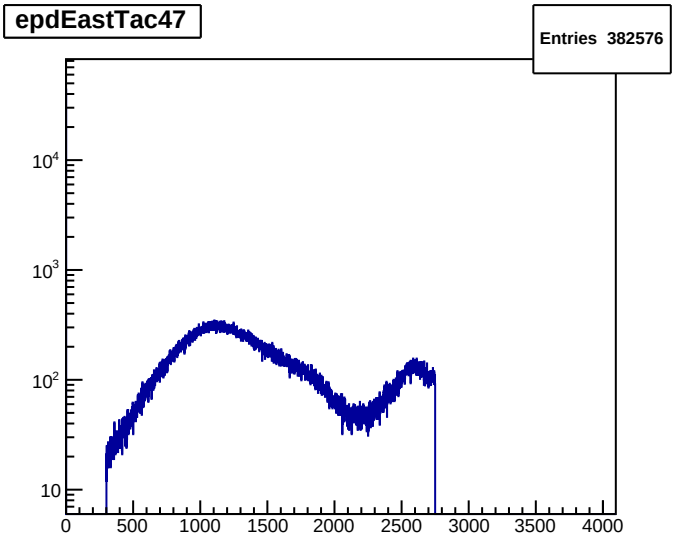
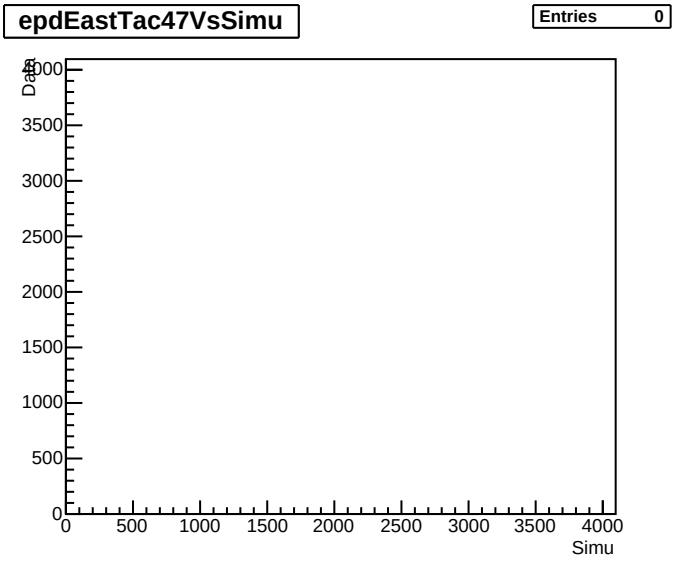
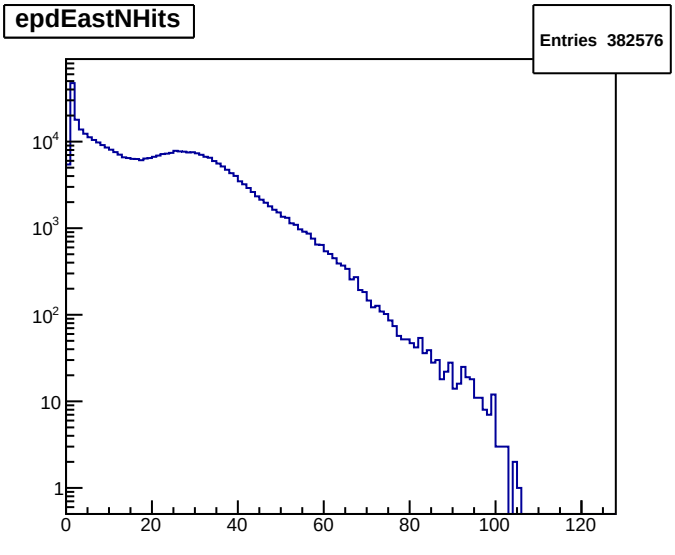
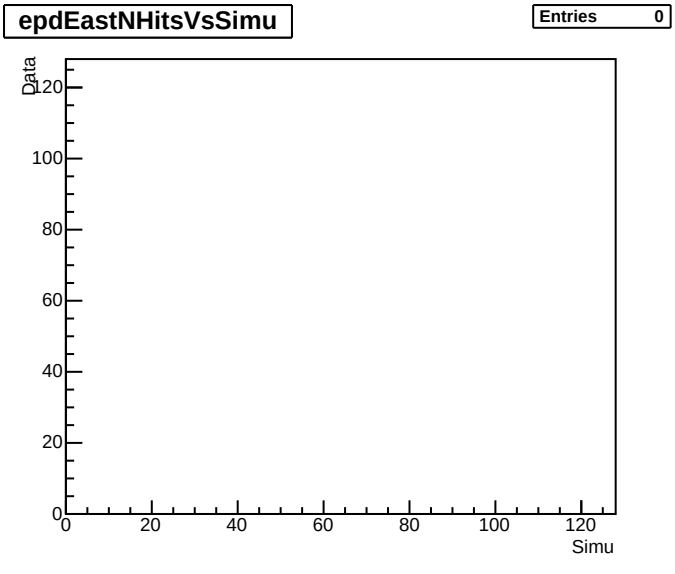
Entries 0
Data
Simu


epdEastTac47
Entries 382576


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 382576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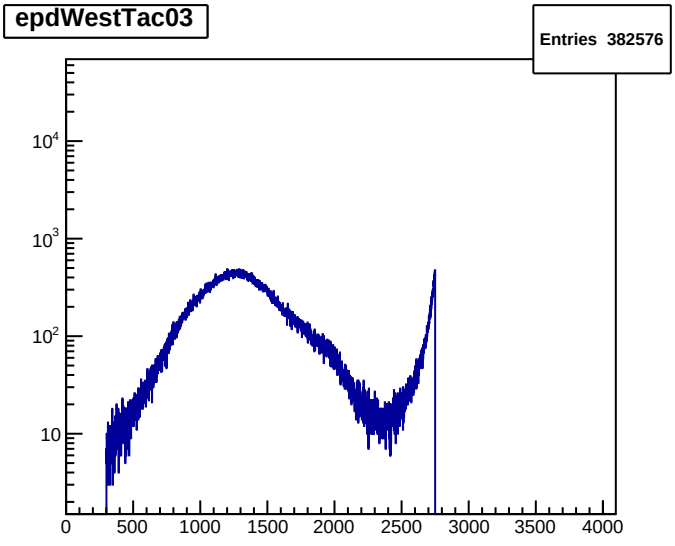
Entries 0
Data
Simu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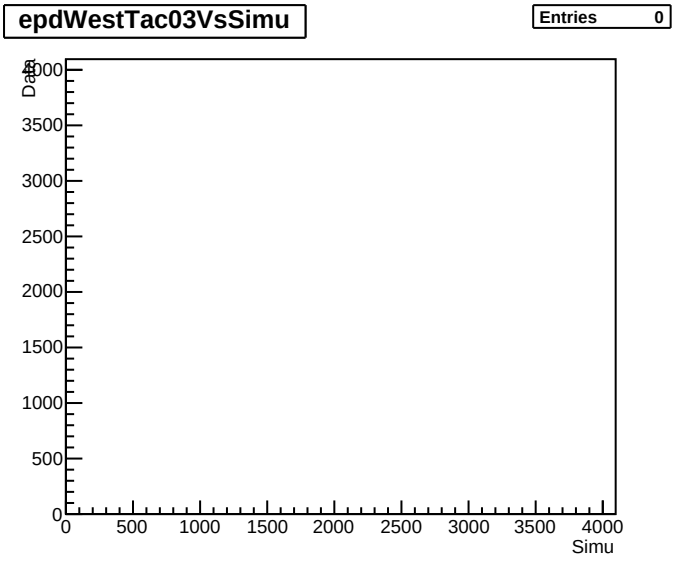
Entries 382576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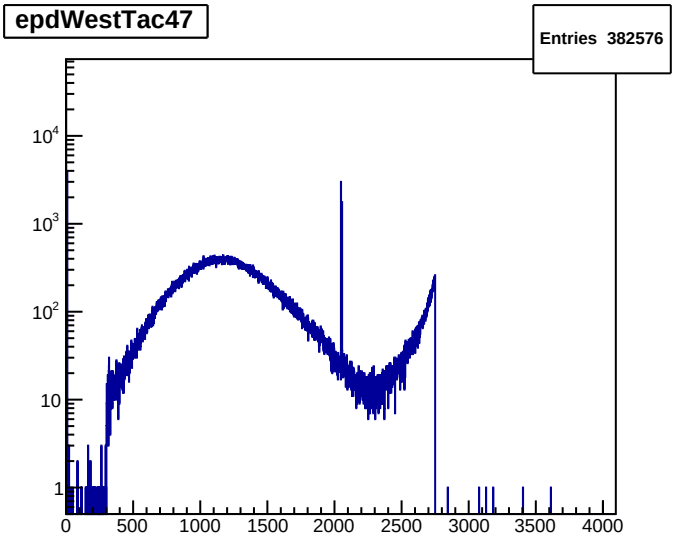
Entries 0
Data
Simu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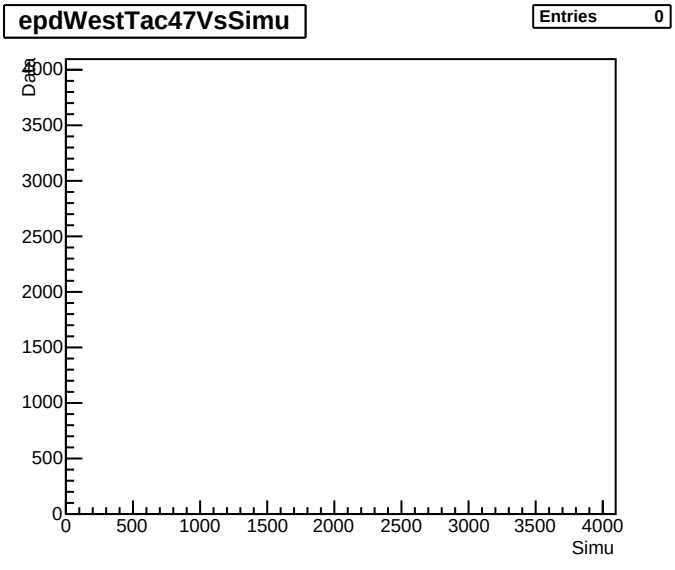
Entries 382576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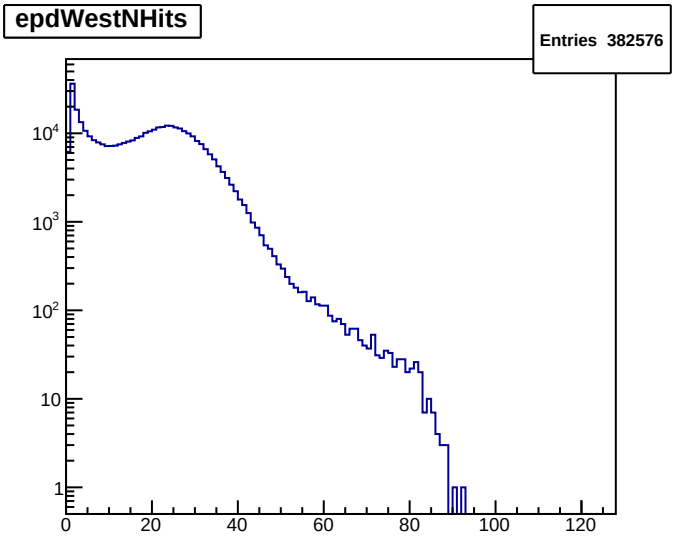
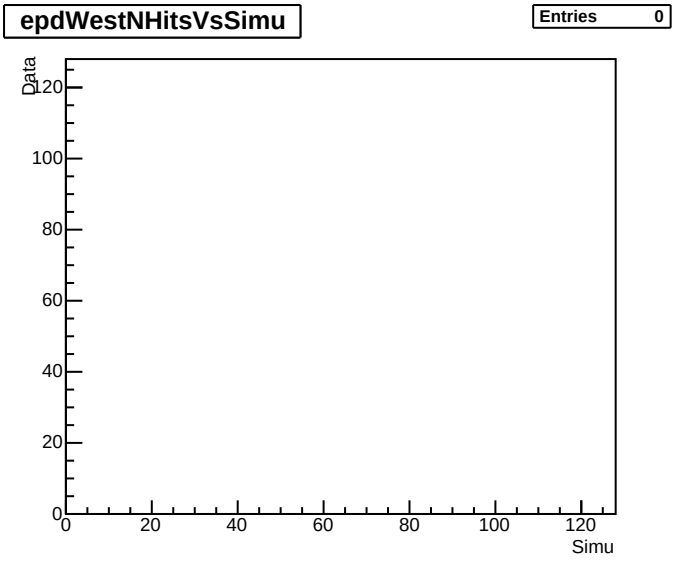
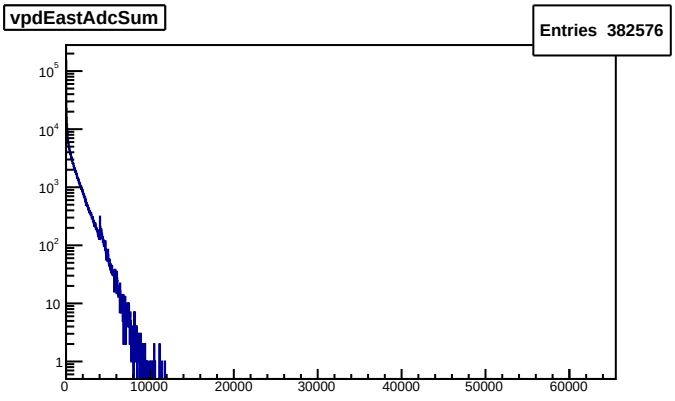
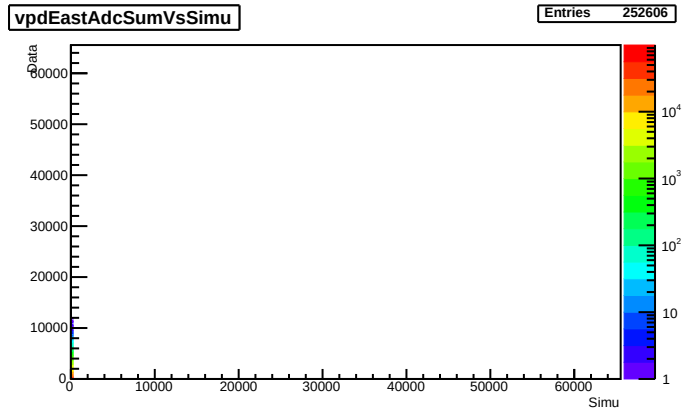
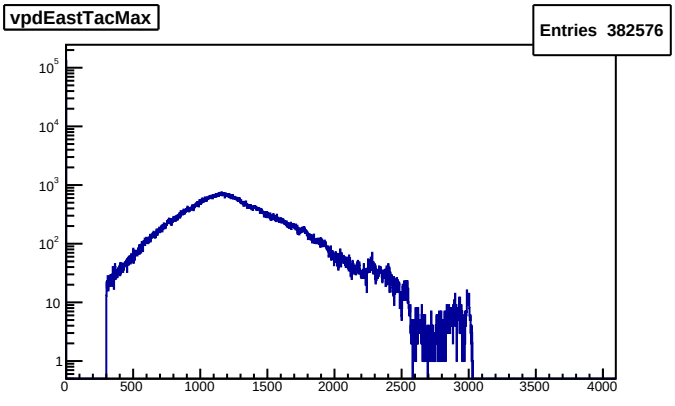
Entries 0
Data
Simu

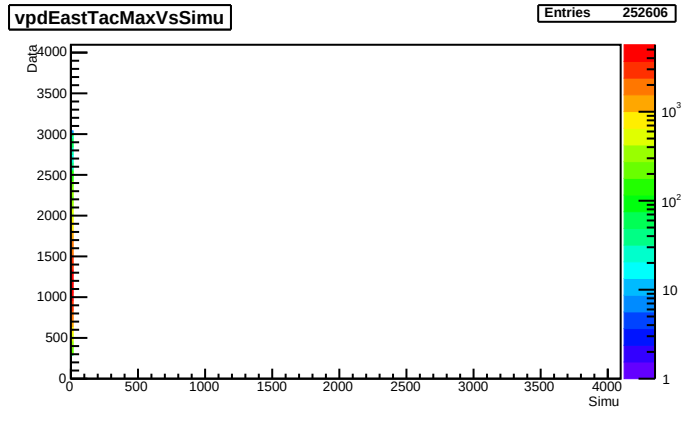

epdWestNHits
Entries 382576


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 382576


vpdEastAdcSumVsSimu
Entries 252606
Data
Simu


vpdEastTacMax
Entries 382576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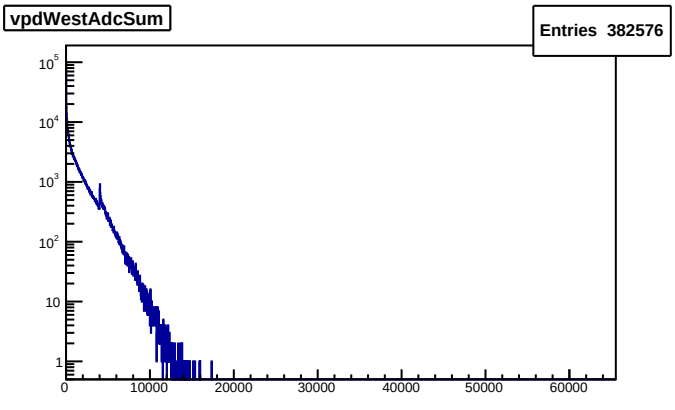
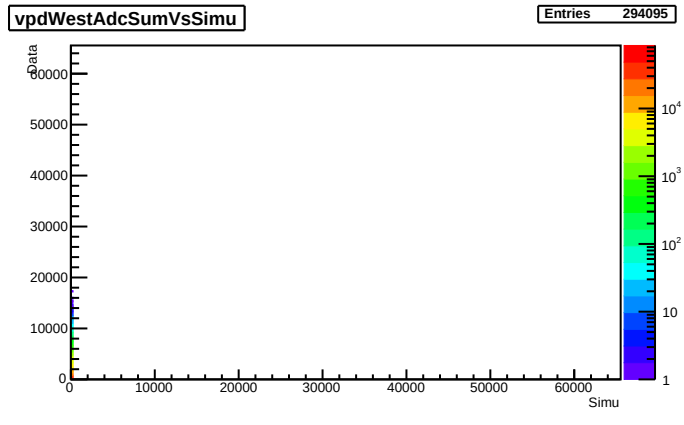
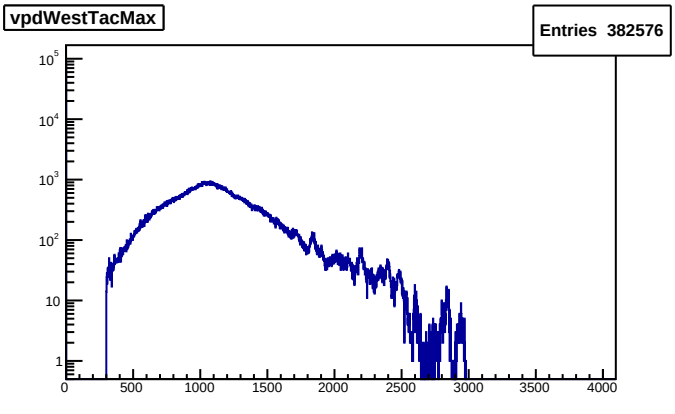
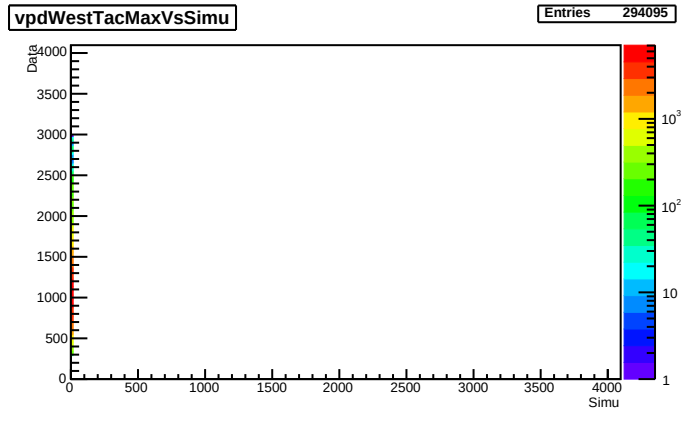
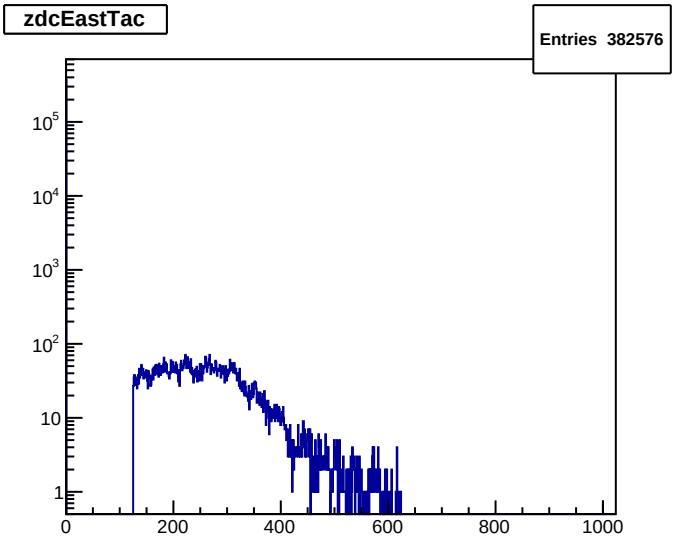
Entries 252606
Data
Simu

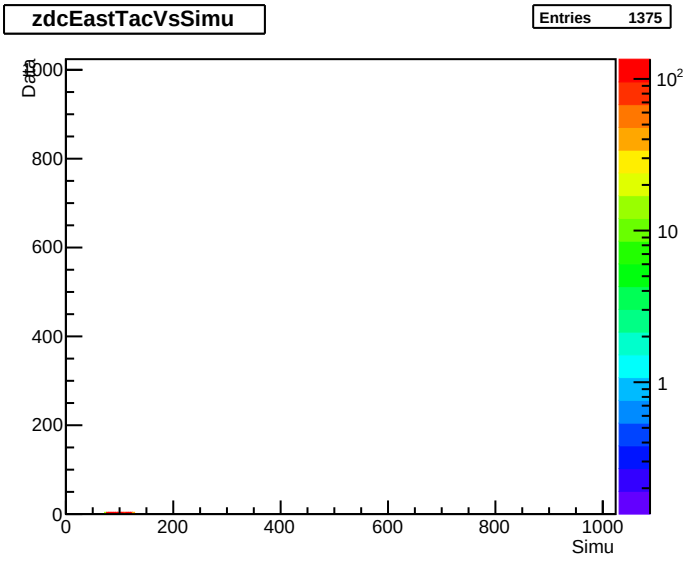

vpdWestAdcSum
Entries 382576

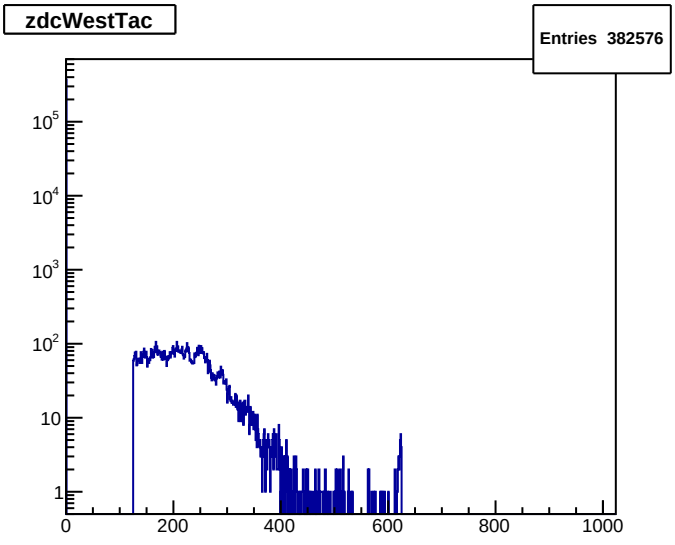

vpdWestAdcSumVsSimu
Entries 294095
Data
Simu

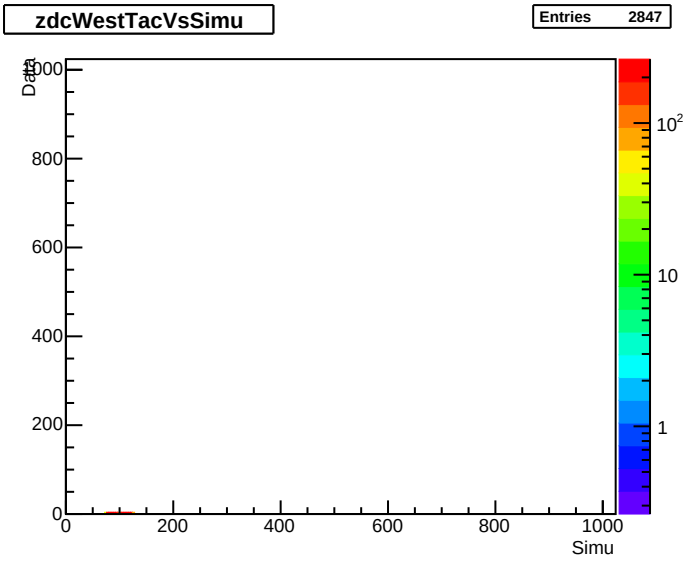

vpdWestTacMax
Entries 382576

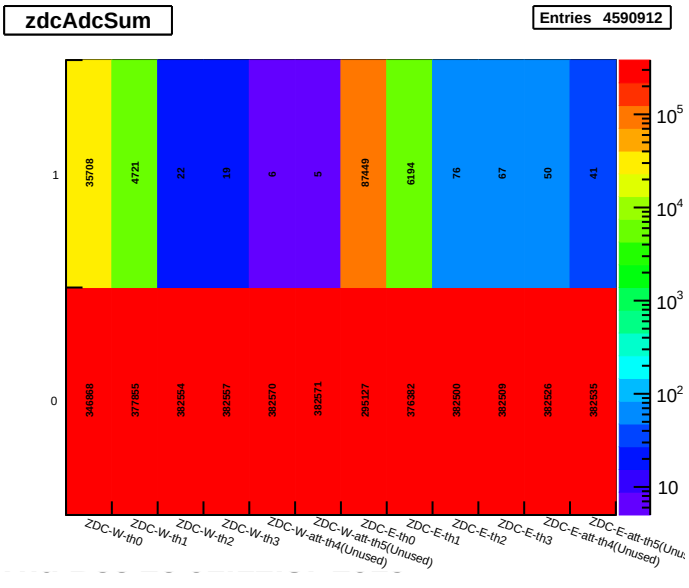

vpdWestTacMaxVsSimu
Entries 294095
Data
Simu

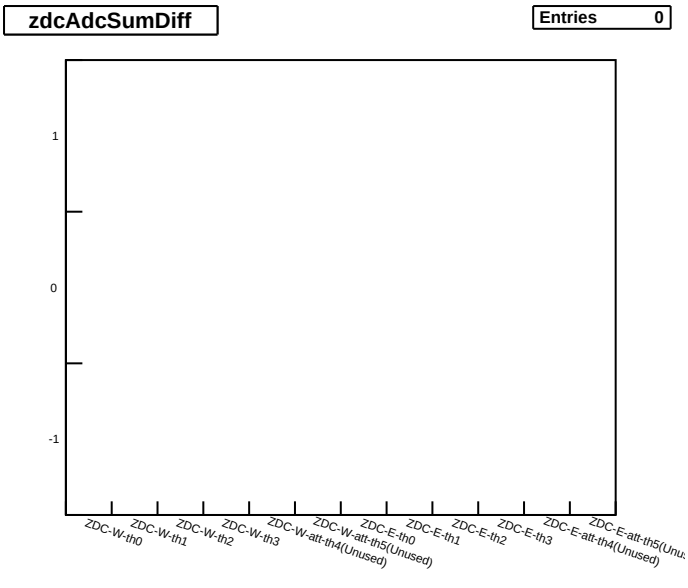

zdcEastTac
Entries 382576

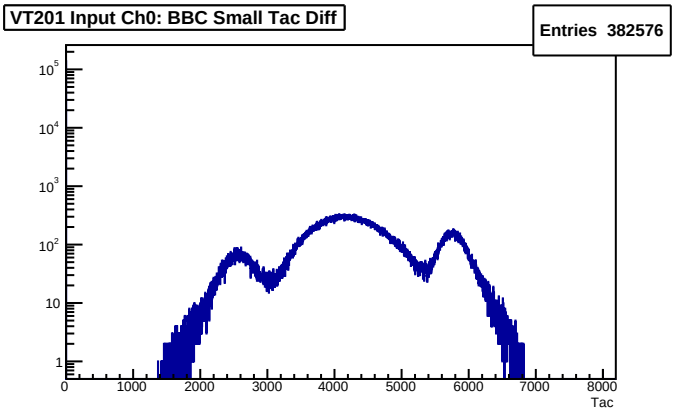

zdcEastTacVsSimu
Entries 1375
Data
Simu

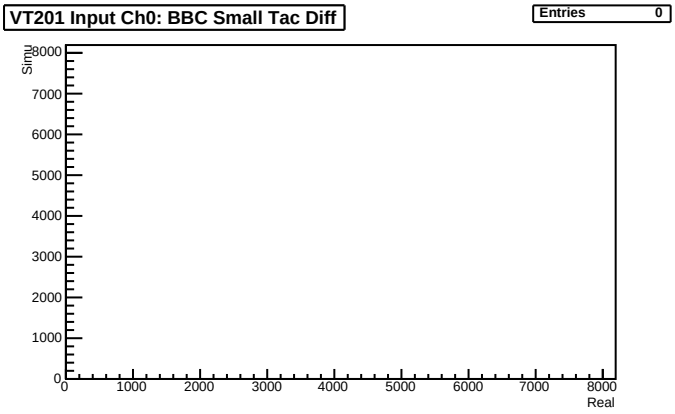

zdcWestTac
Entries 382576

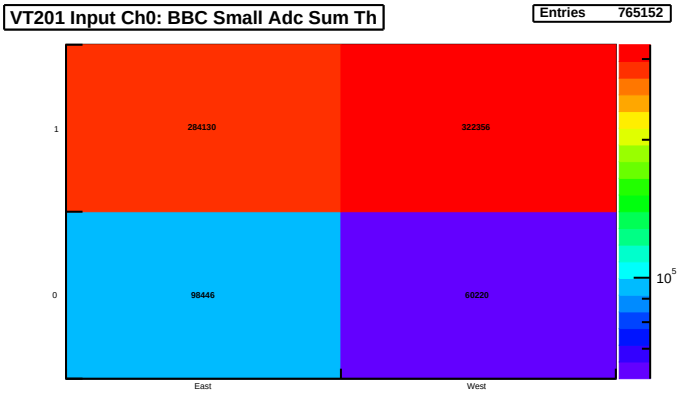

zdcWestTacVsSimu
Entries 2847
Data
Simu

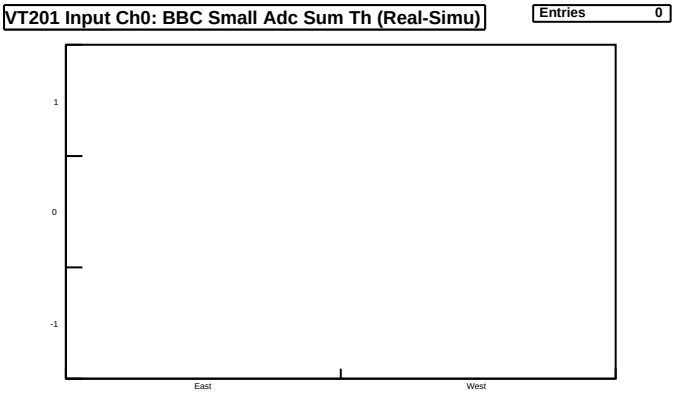

zdcAdcSum
Entries 4590912
35708
4721
22
19
6
5
87449
6194
76
67
50
41
346868
377855
382554
382557
382570
382571
295127
376382
382500
382509
382526
382535
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

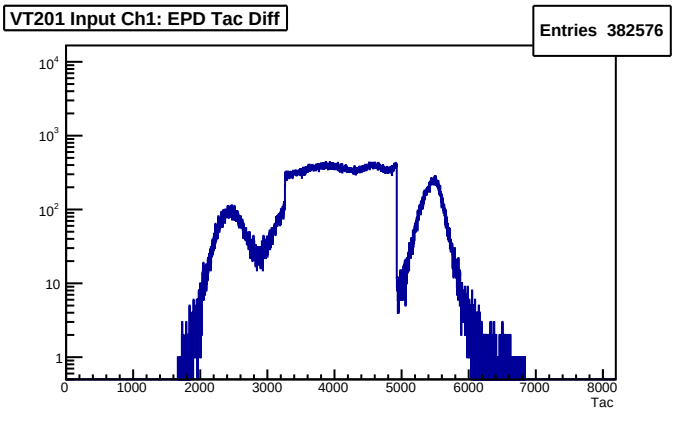

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

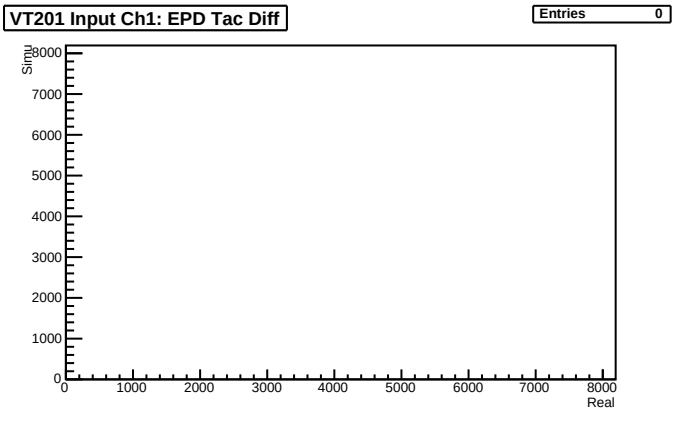

VT201 Input Ch0: BBC Small Tac Diff
Entries 382576
Tac

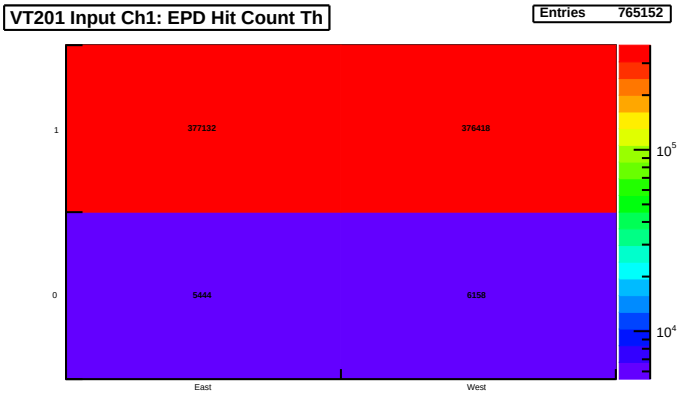

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

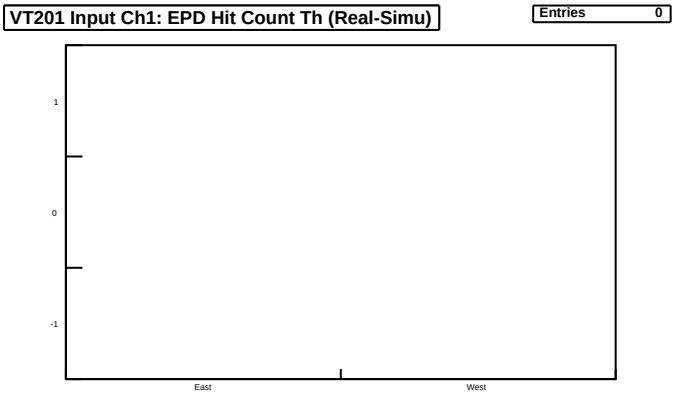

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 765152
284130
322356
98446
60220
East
West

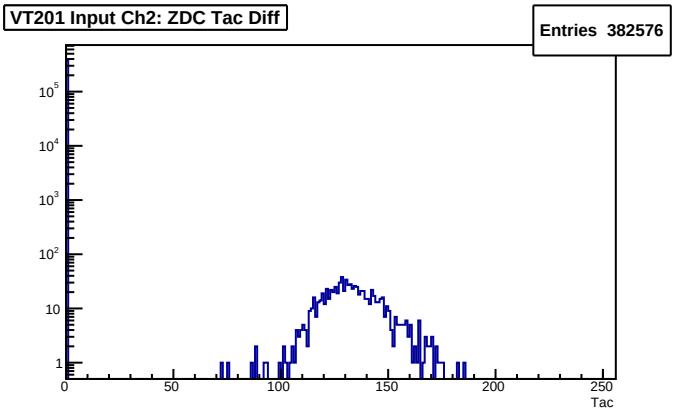

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

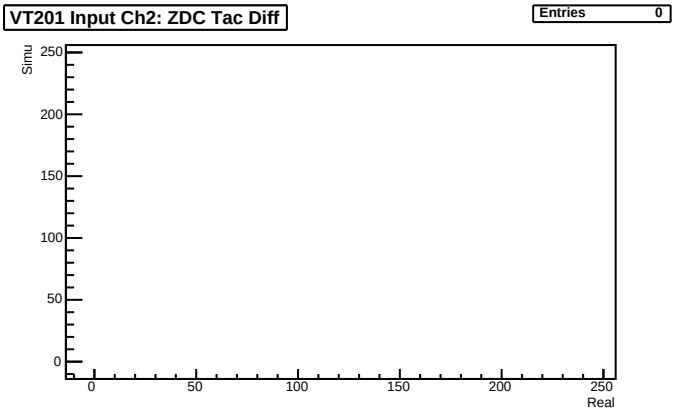

VT201 Input Ch1: EPD Tac Diff
Entries 382576
Tac

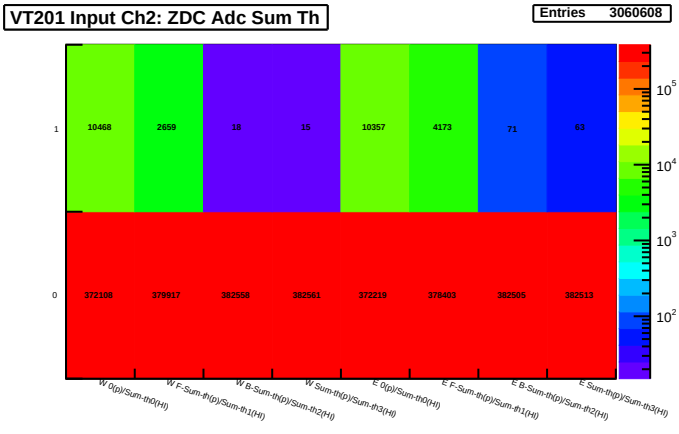

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

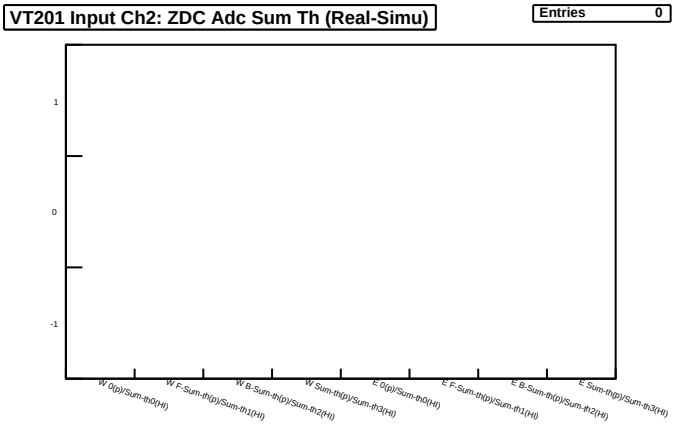

VT201 Input Ch1: EPD Hit Count Th
Entries 765152
377132
376418
5444
6158
East
West

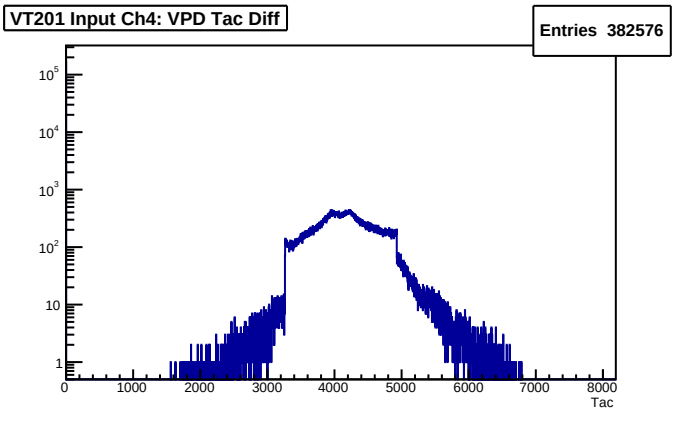

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

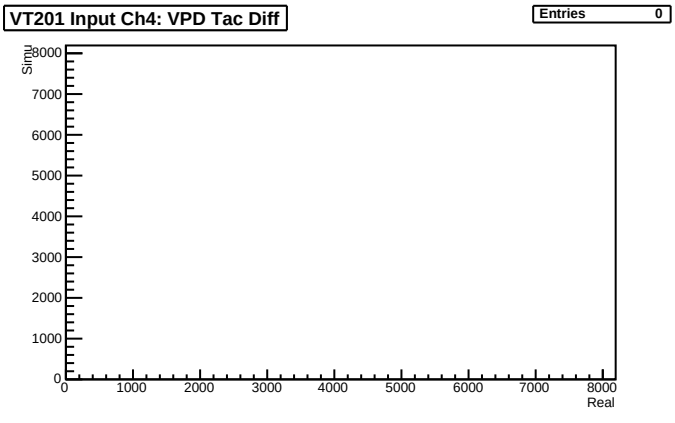

VT201 Input Ch2: ZDC Tac Diff
Entries 382576
Tac

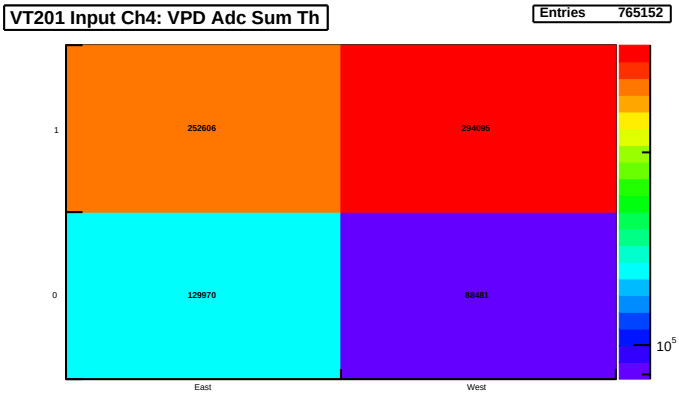

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

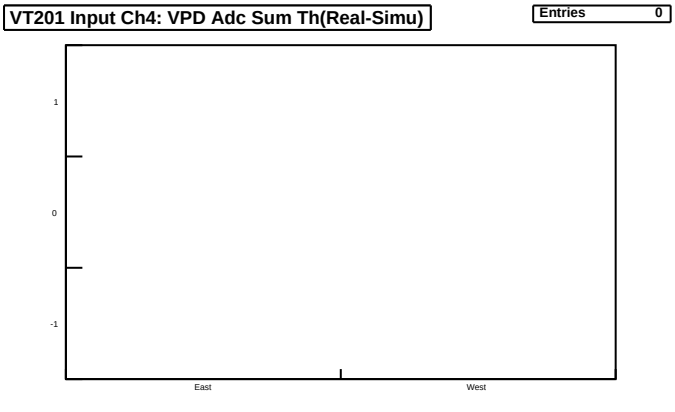

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3060608
10468
2659
18
15
10357
4173
71
63
372108
379917
382558
382561
372219
378403
382505
382513
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

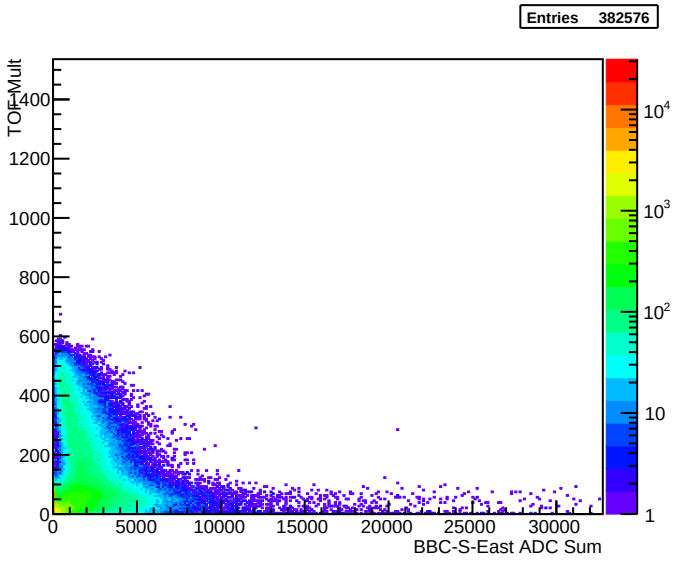

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

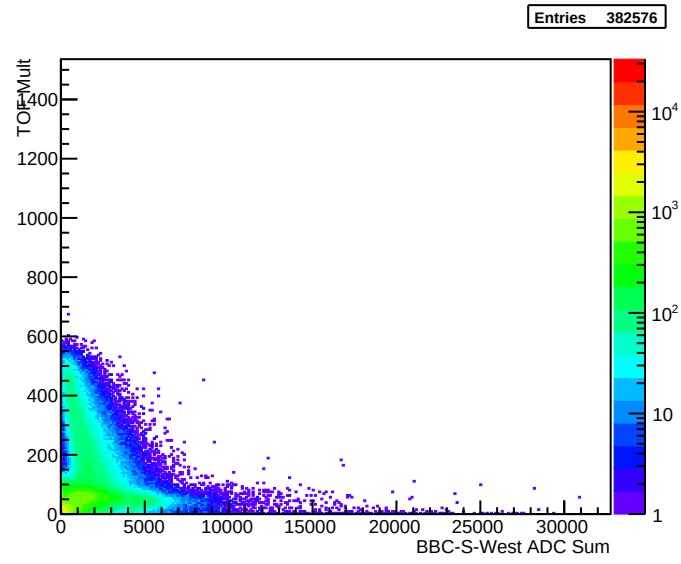

VT201 Input Ch4: VPD Tac Diff
Entries 382576
Tac

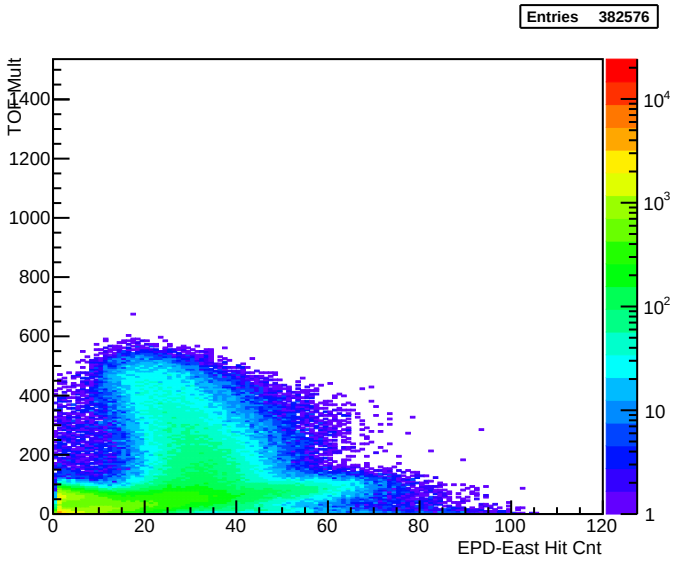

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

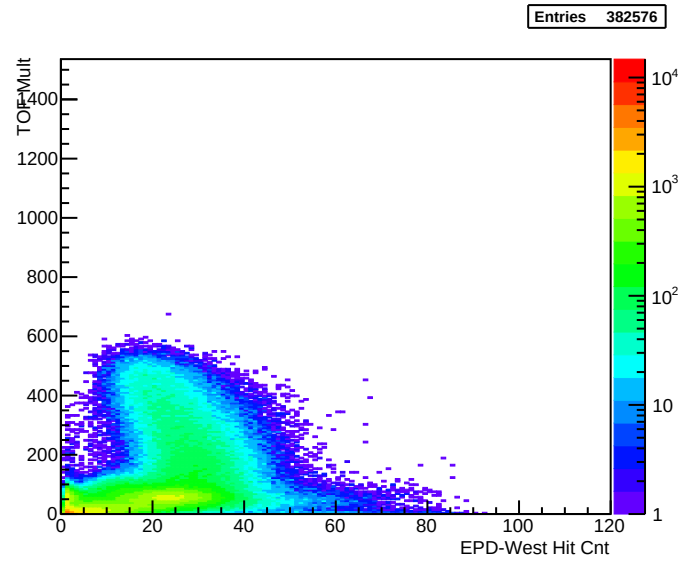

VT201 Input Ch4: VPD Adc Sum Th
Entries 765152
252606
294095
129970
88481
East
West

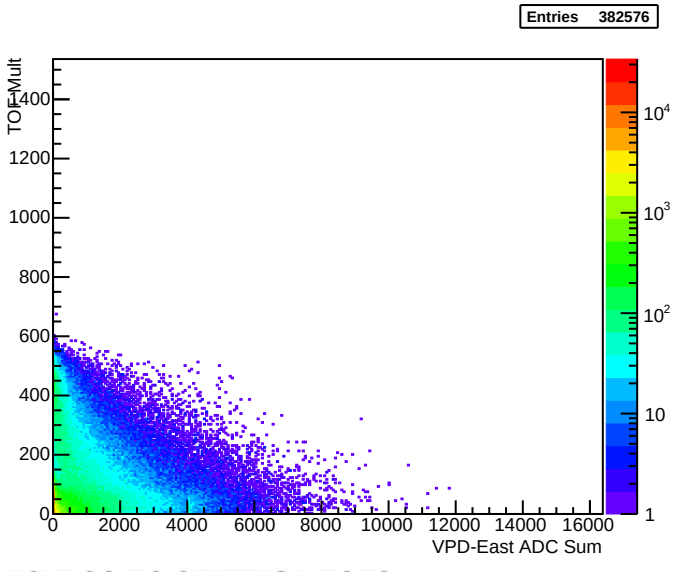

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

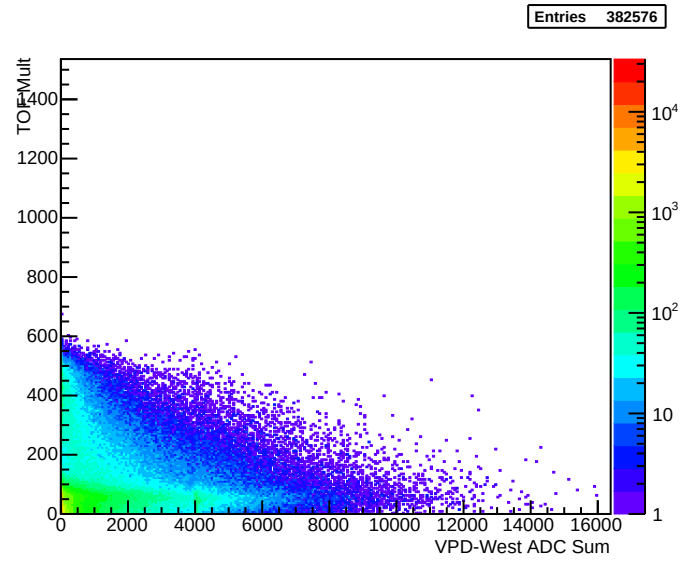

Entries 382576
TOF-Mult
BBC-S-East ADC Sum

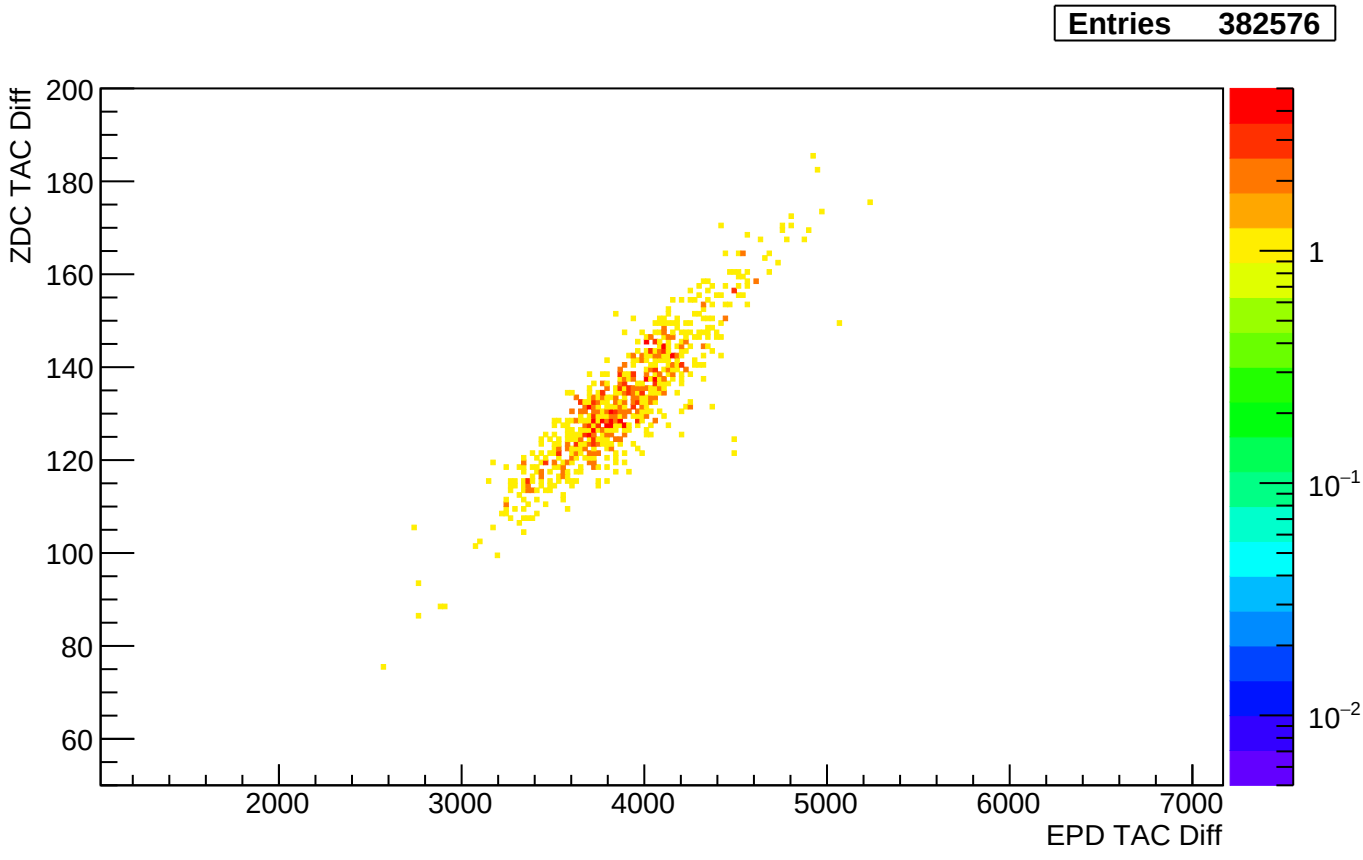

Entries 382576
TOF-Mult
BBC-S-West ADC Sum

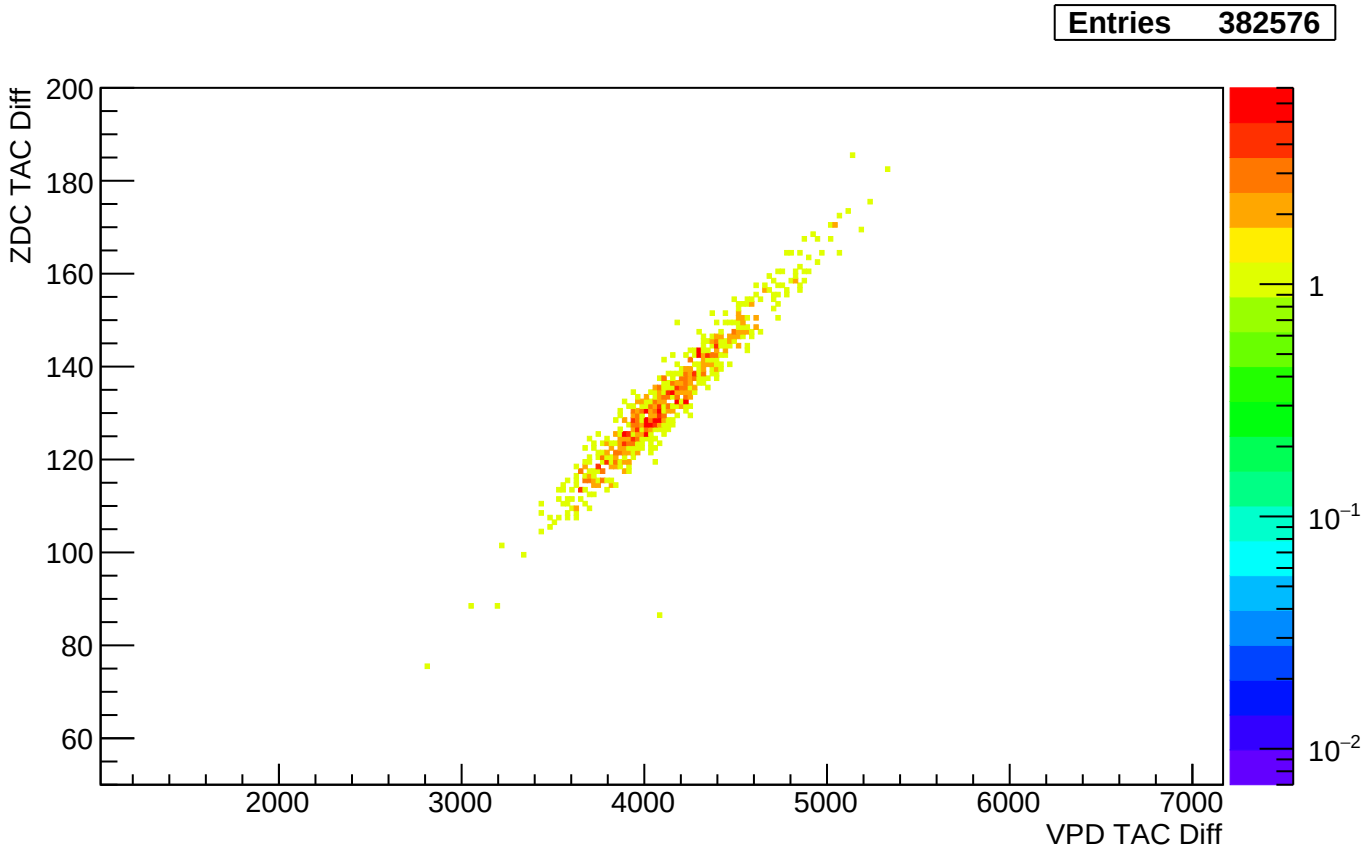

Entries 382576
TOF-Mult
EPD-East Hit Cnt

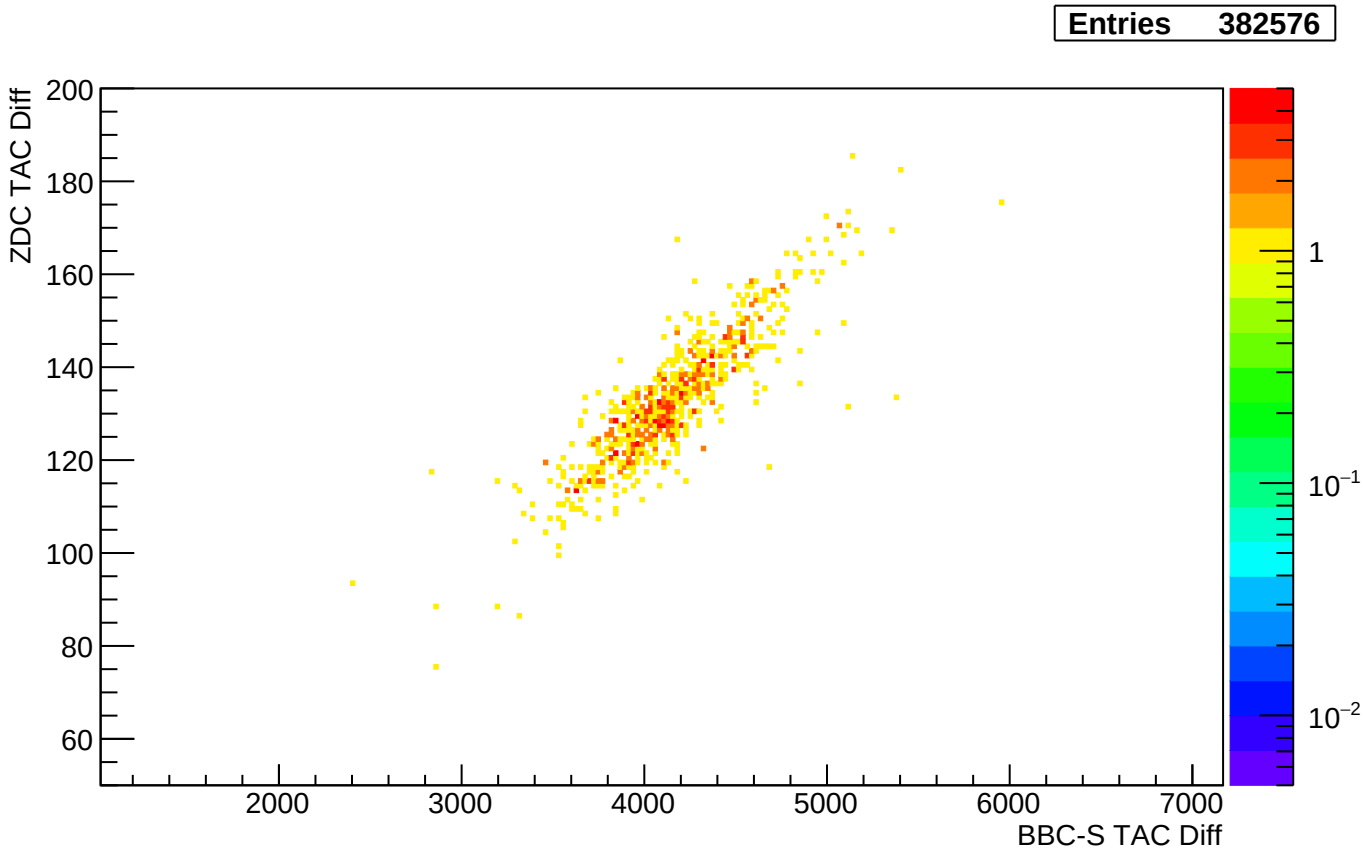

Entries 382576
TOF-Mult
EPD-West Hit Cnt

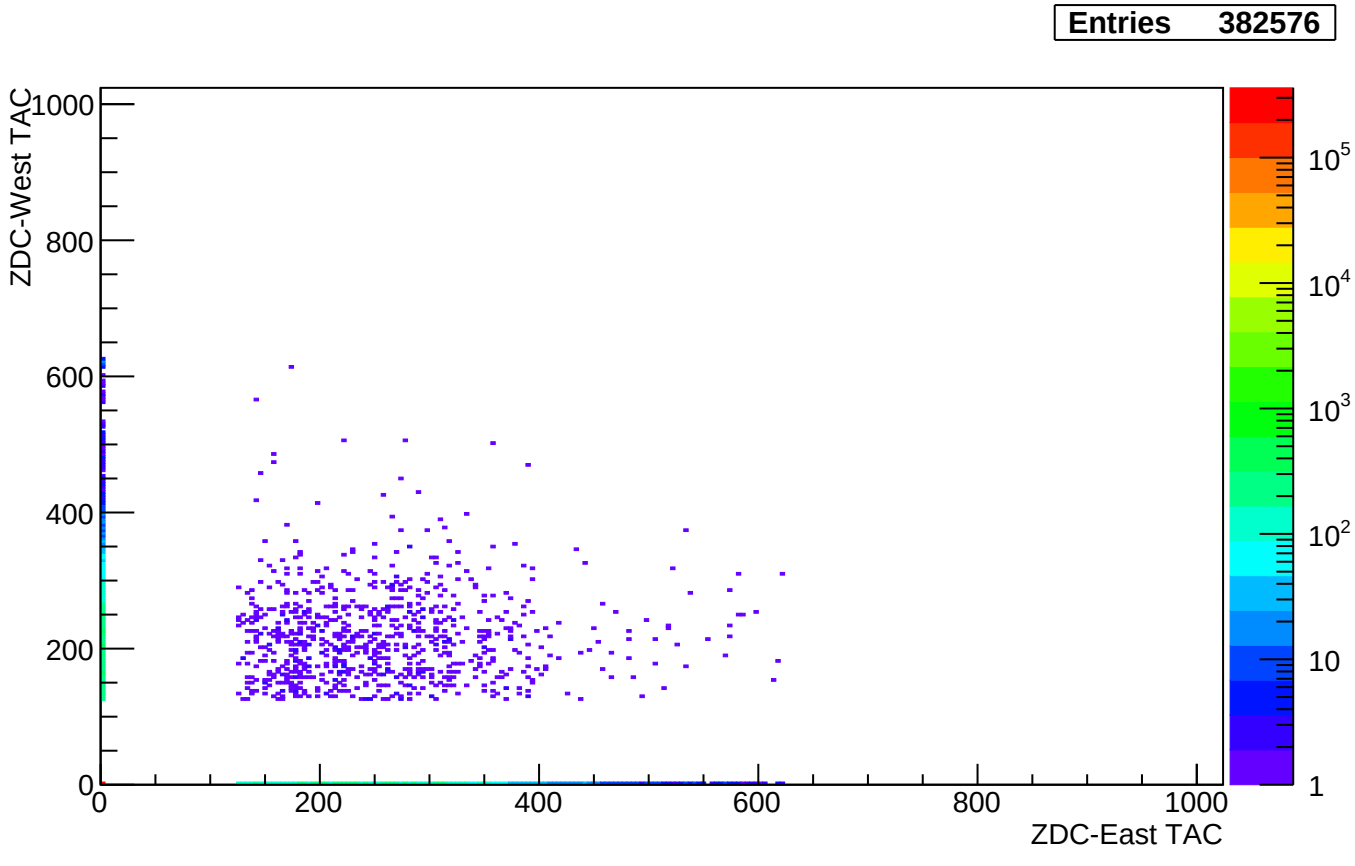

Entries 382576
TOF-Mult
VPD-East ADC Sum

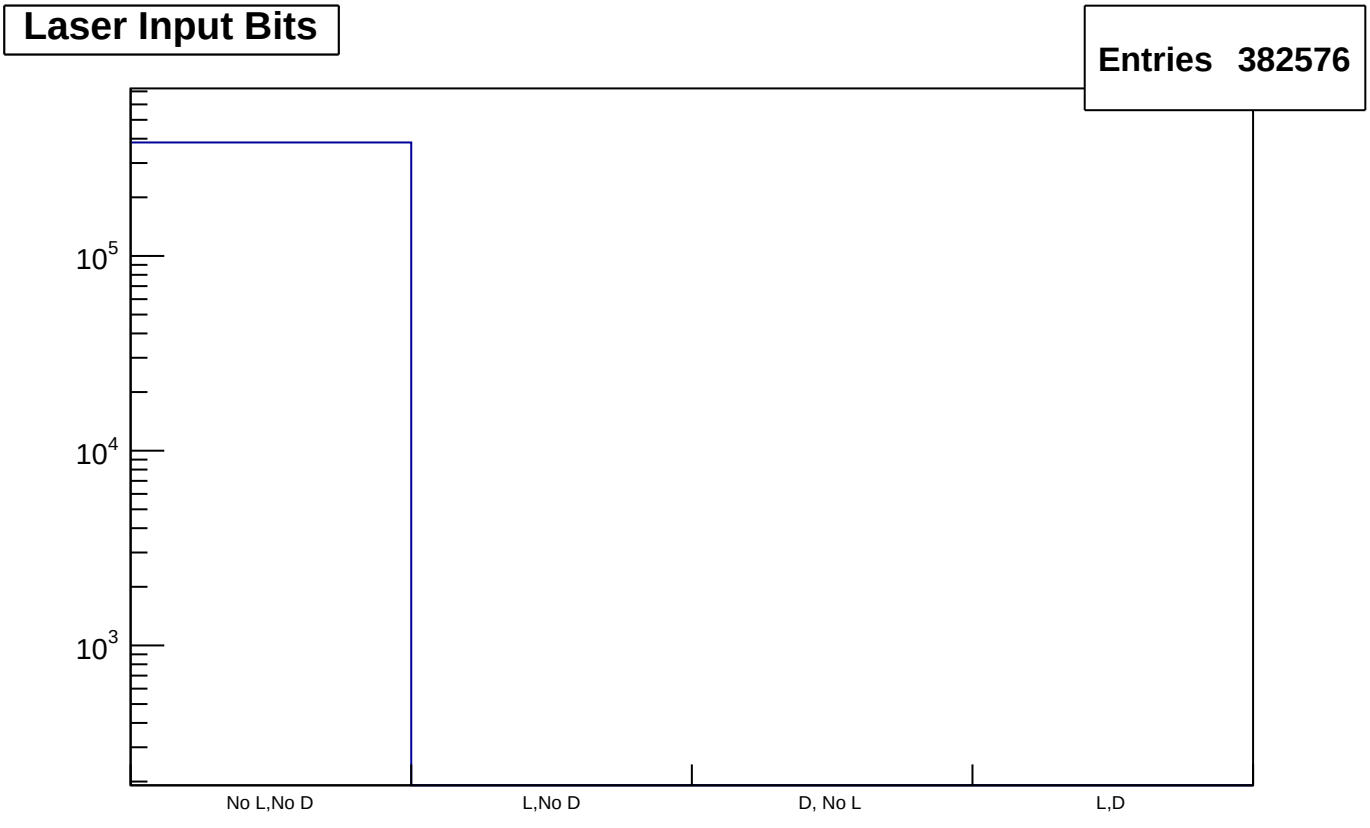

Entries 382576
TOF-Mult
VPD-West ADC Sum

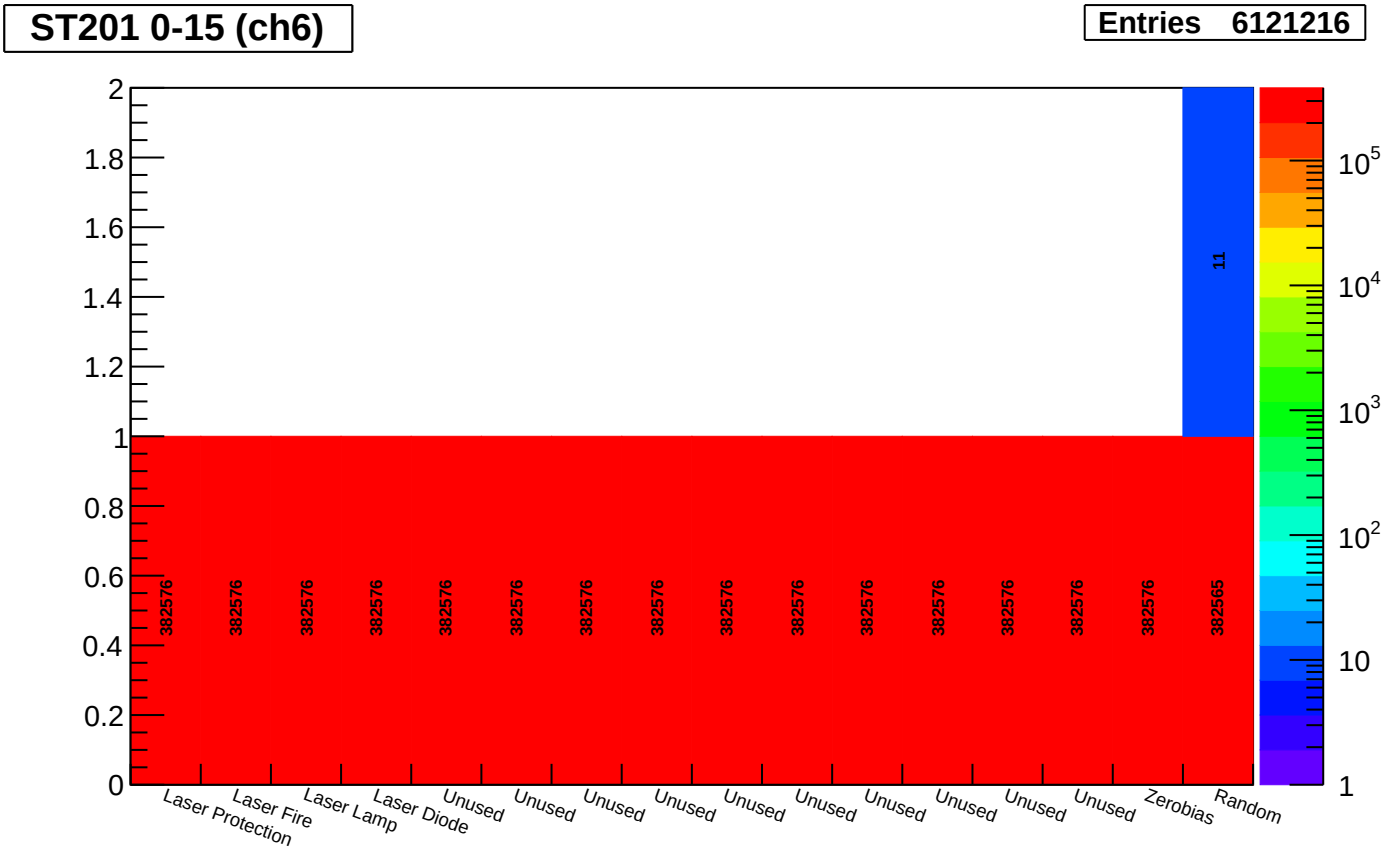

Entries 382576
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

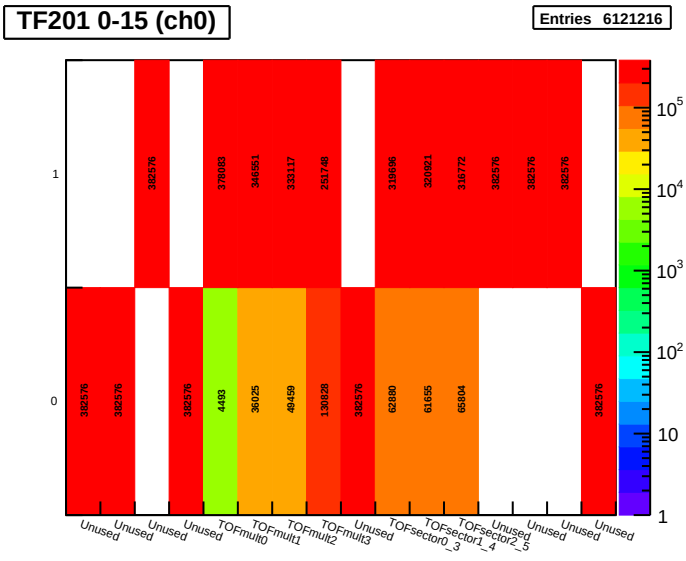

Entries 382576
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

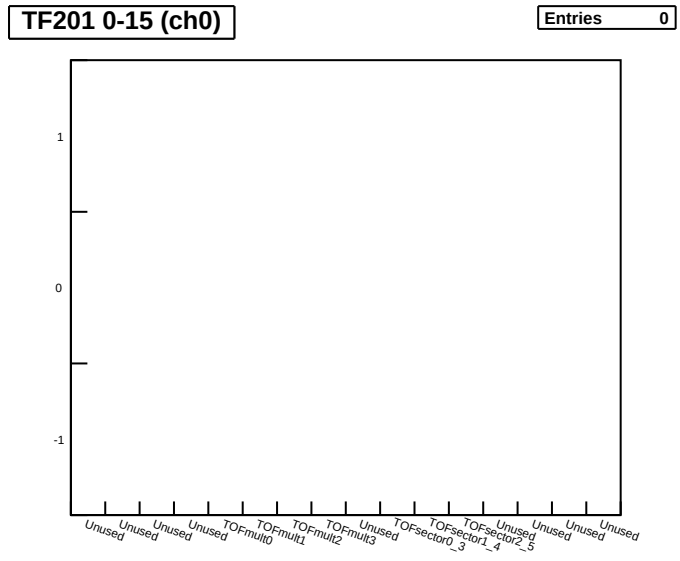

Entries 382576
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

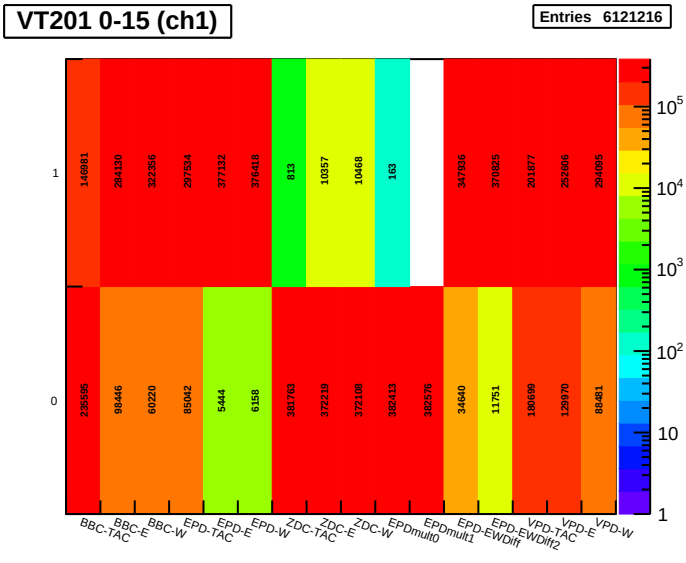

Entries 382576
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

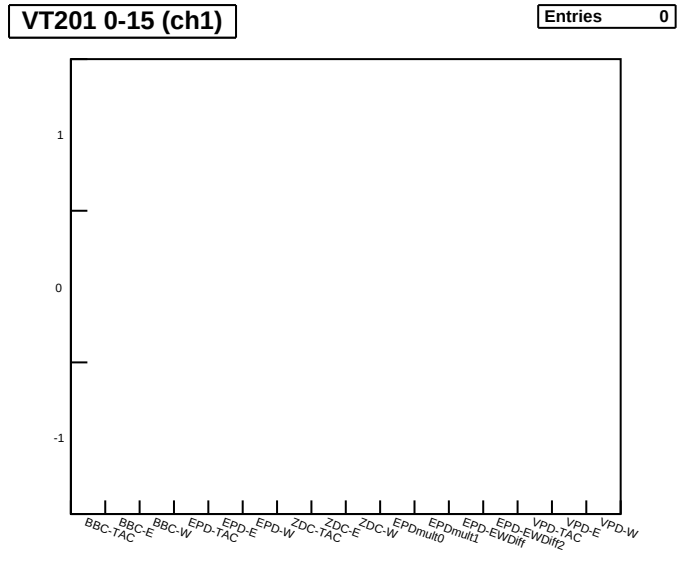

Laser Input Bits
Entries 382576
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

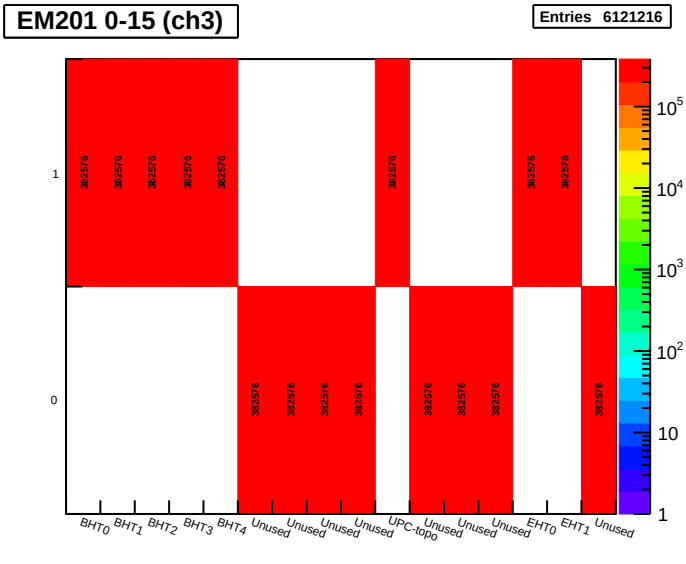

ST201 0-15 (ch6)
Entries 6121216
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
382576
382565
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

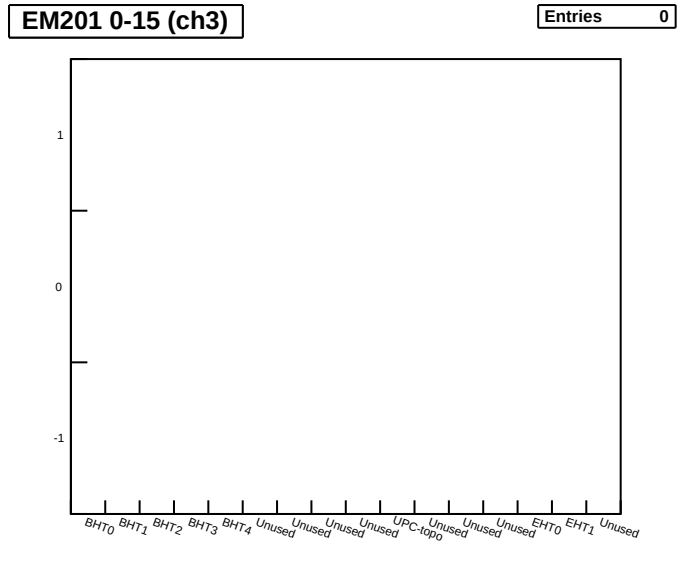

TF201 0-15 (ch0)
Entries 6121216
1
0
382576
376083
346551
333117
251748
319696
320921
316772
382576
382576
382576
382576
382576
382576
4493
36025
49459
130828
382576
62880
61655
65804
382576
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6121216
1
0
146981
284130
322356
297534
377132
376418
813
10357
10468
163
347936
370825
201877
252606
294095
235595
98446
60220
85042
5444
6158
381763
372219
372108
382413
382576
34640
11751
180699
129970
88481
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 6121216
1
0
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
382576
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