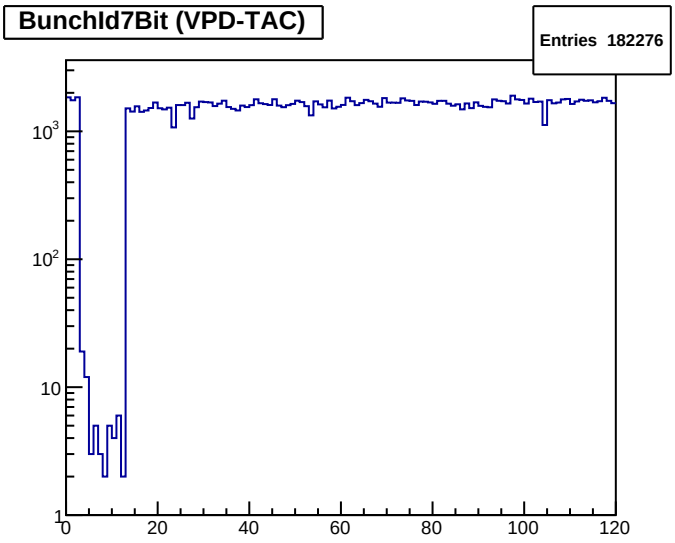
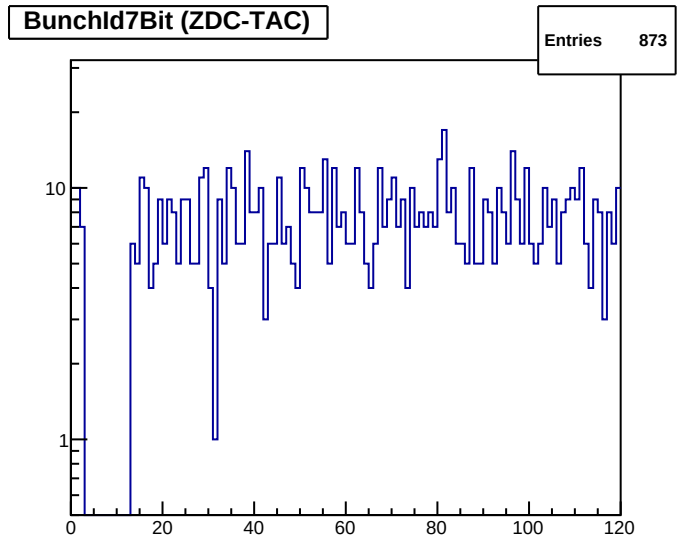
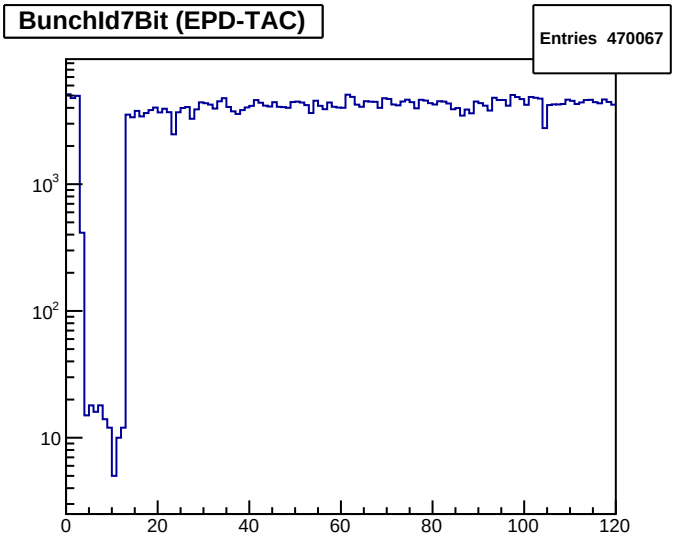
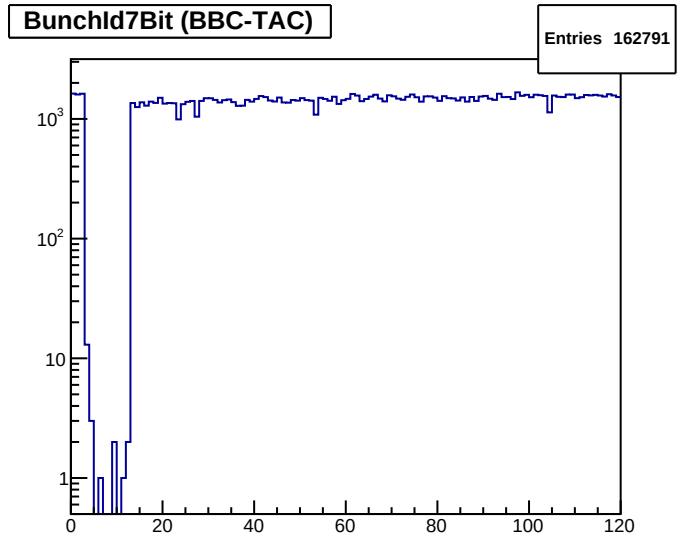
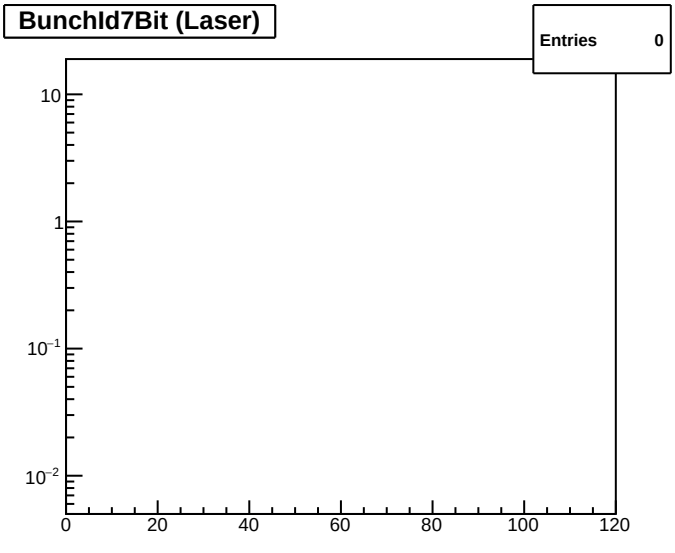
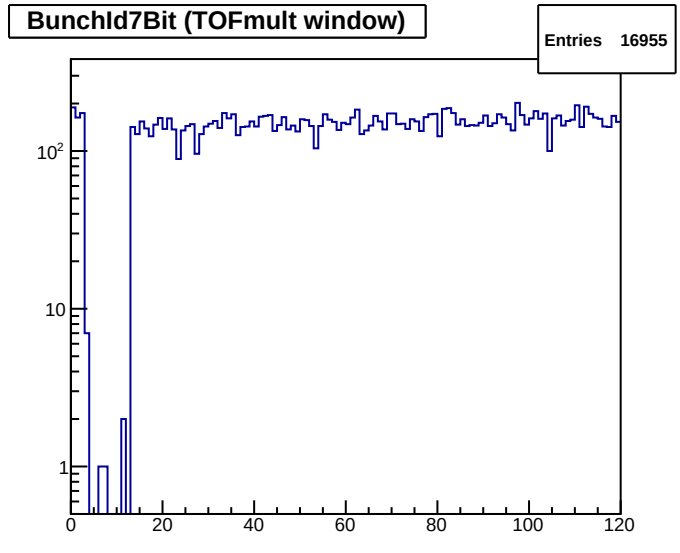

BunchId7Bit (VPD-TAC)
Entries 182276

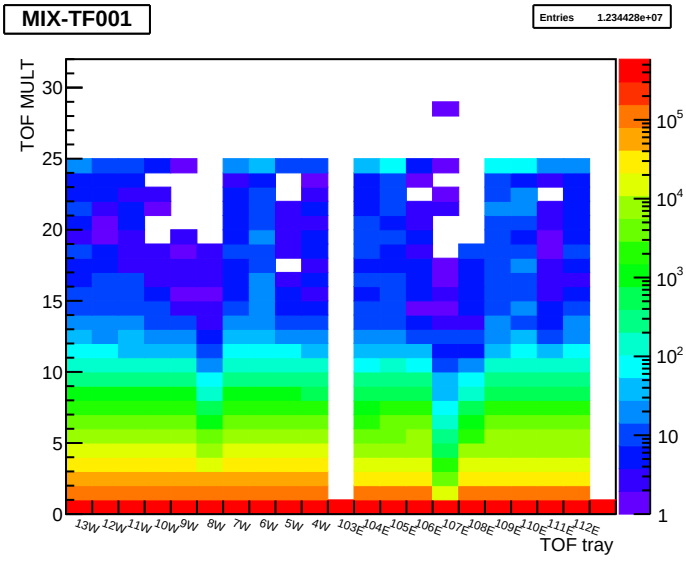

BunchId7Bit (ZDC-TAC)
Entries 873

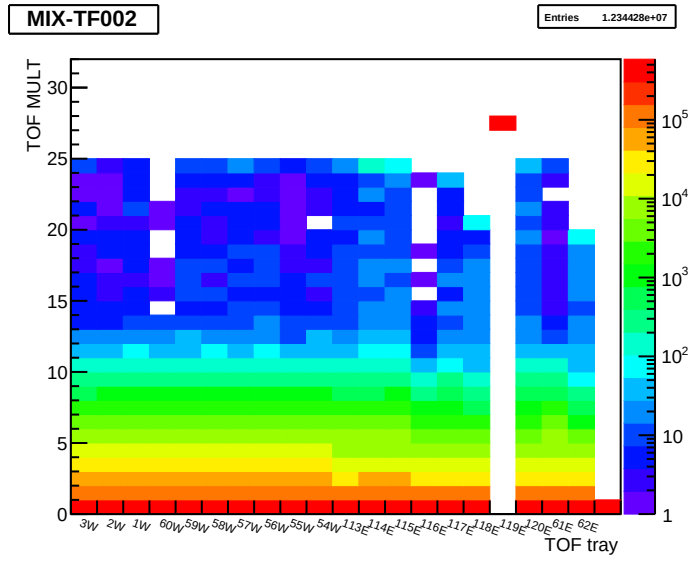

BunchId7Bit (EPD-TAC)
Entries 470067

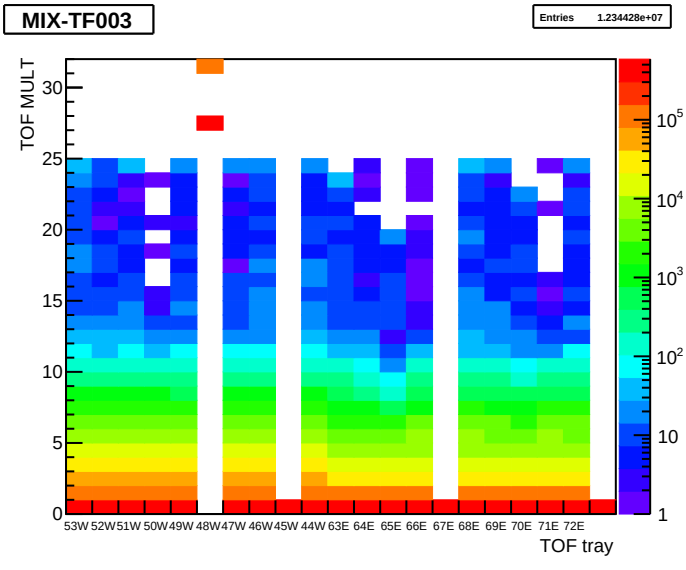

BunchId7Bit (BBC-TAC)
Entries 162791

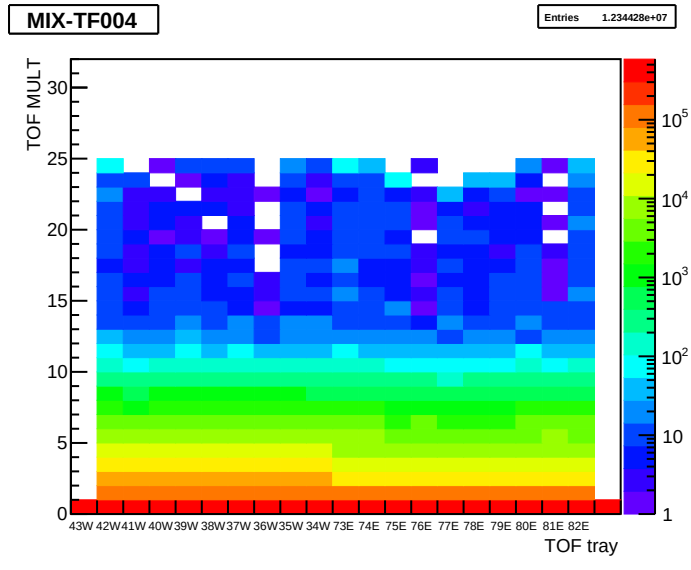

BunchId7Bit (Laser)
Entries 0

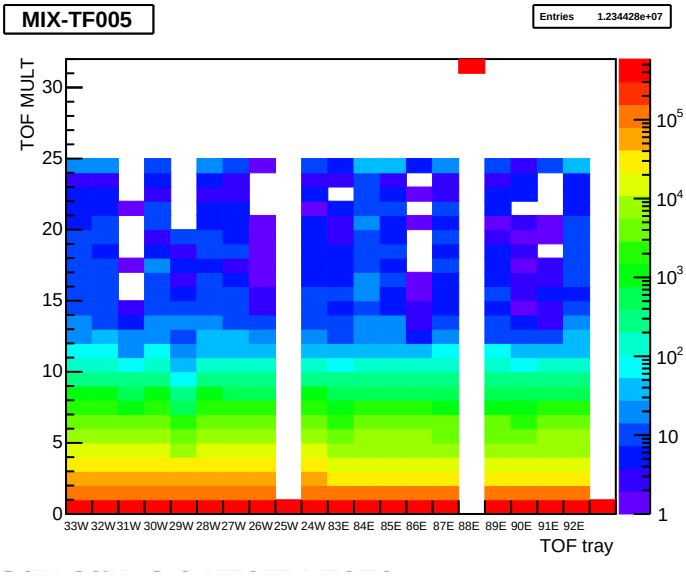

BunchId7Bit (TOFmult window)
Entries 16955

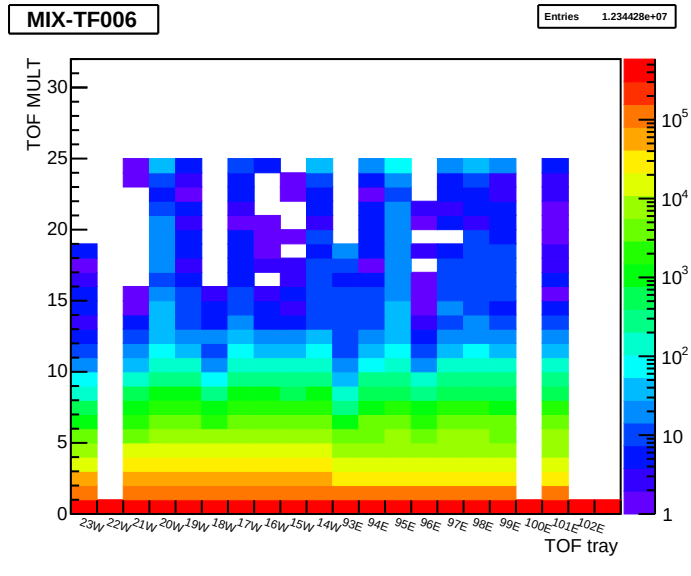

MIX-TF001
Entries 1.234428e+07
TOF MULT
TOF tray

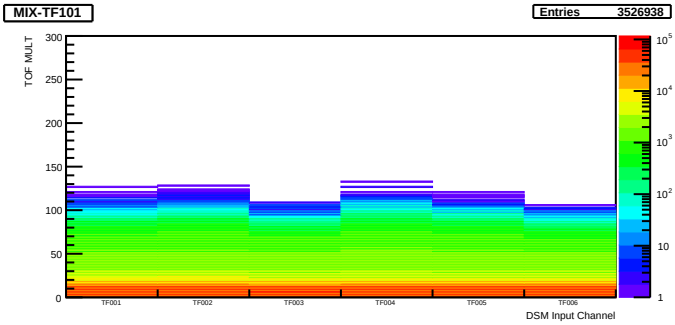

MIX-TF002
Entries 1.234428e+07
TOF MULT
TOF tray

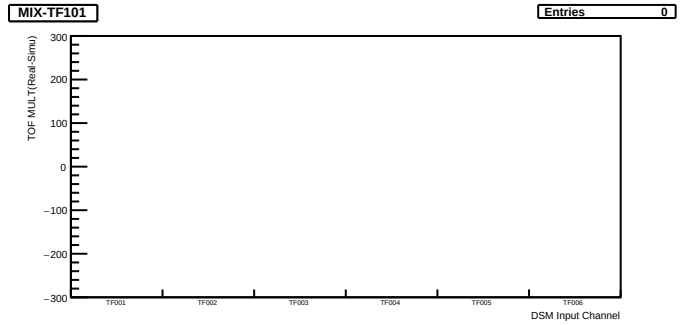

MIX-TF003
Entries 1.234428e+07
TOF MULT
TOF tray

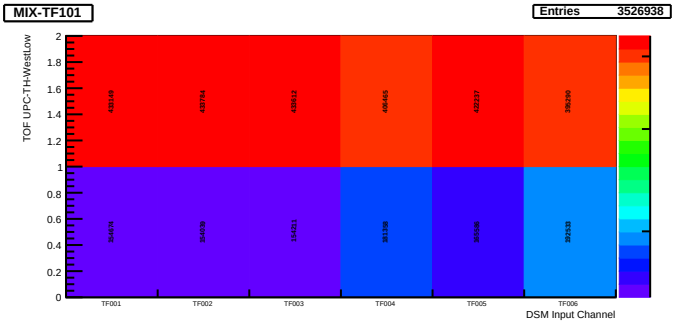

MIX-TF004
Entries 1.234428e+07
TOF MULT
TOF tray

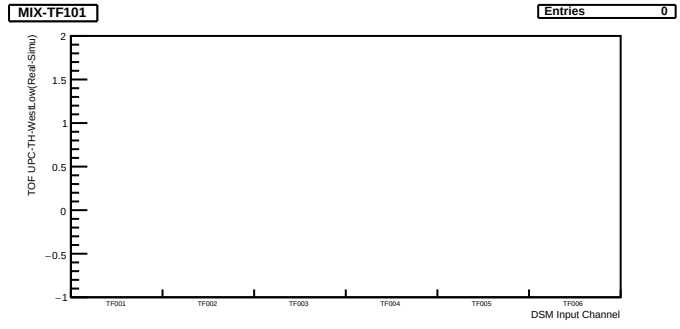

MIX-TF005
Entries 1.234428e+07
TOF MULT
TOF tray

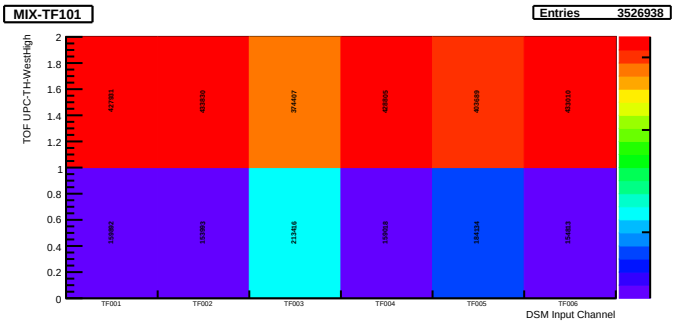

MIX-TF006
Entries 1.234428e+07
TOF MULT
TOF tray

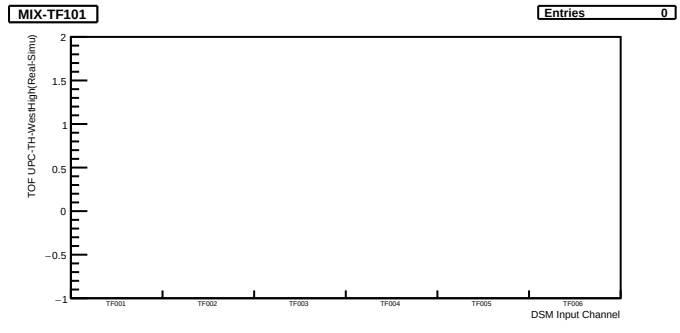

MIX-TF101
Entries 3526938
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

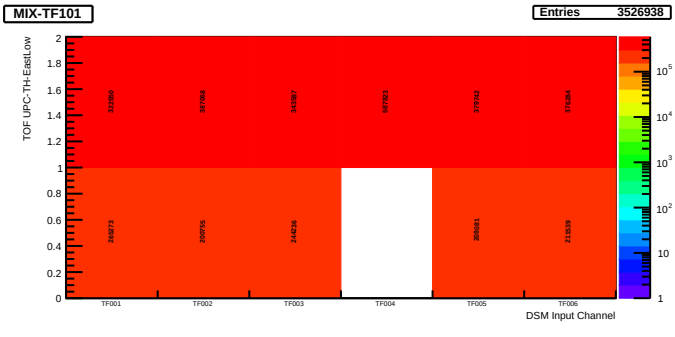

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

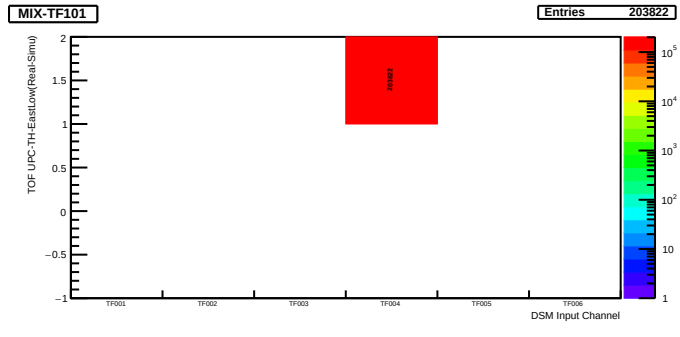

MIX-TF101
Entries 3526938
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

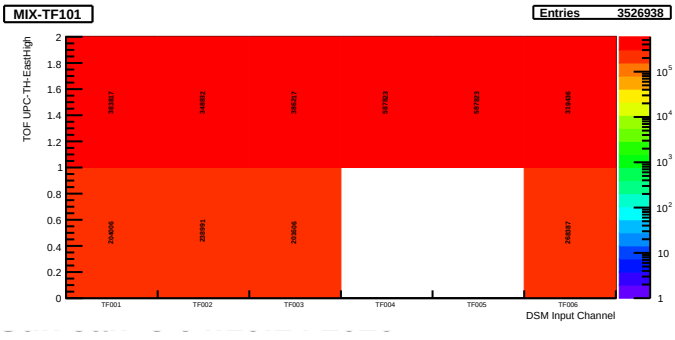

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

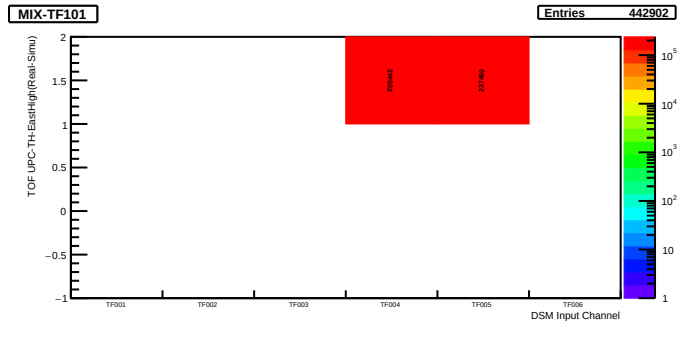

MIX-TF101
Entries 3526938
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

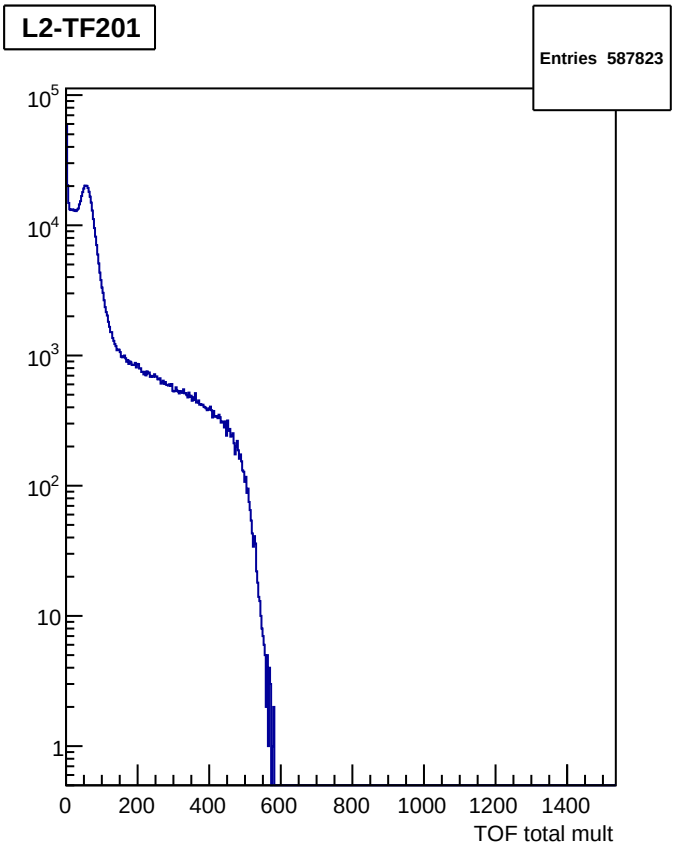

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

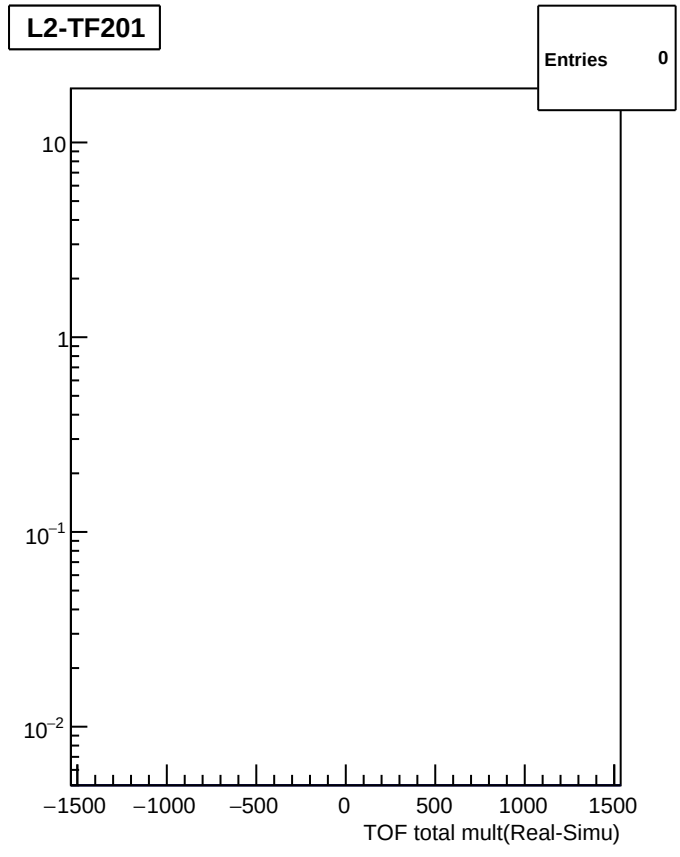

MIX-TF101
Entries 3526938
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

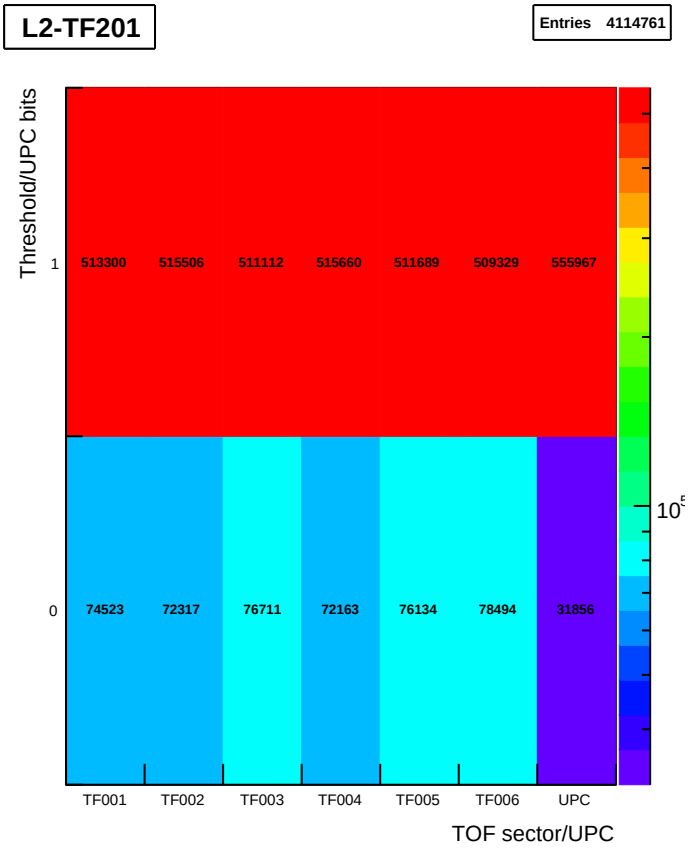

MIX-TF101
Entries 203822
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

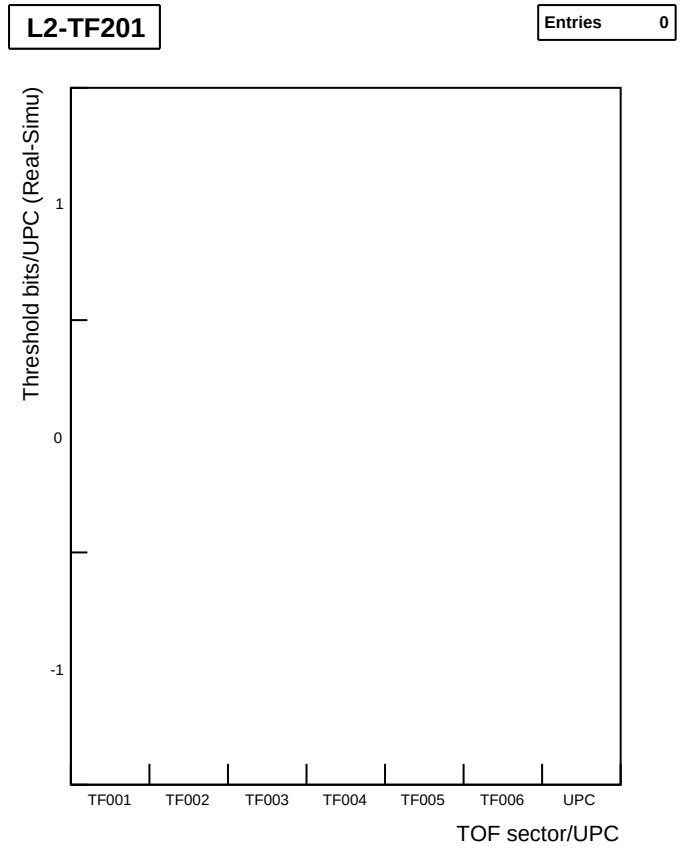

MIX-TF101
Entries 3526938
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

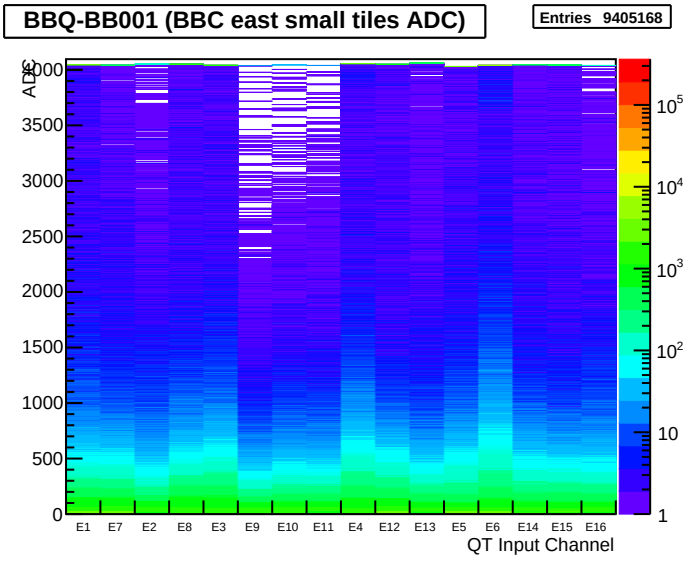

MIX-TF101
Entries 442902
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

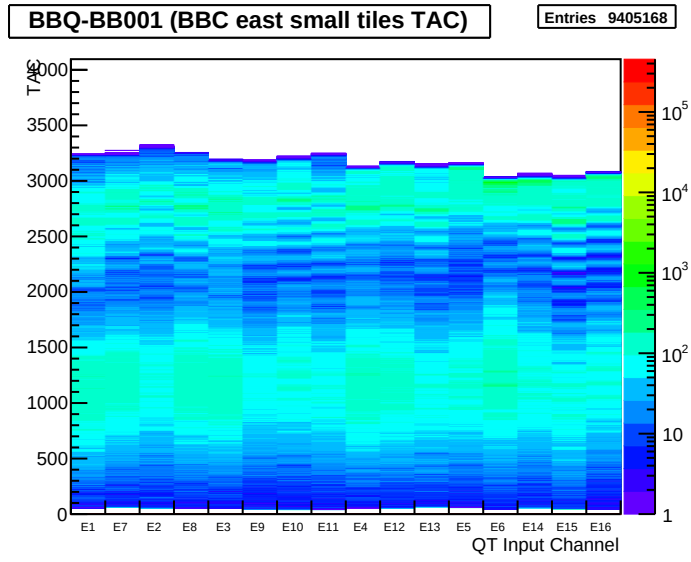

L2-TF201
Entries 587823
TOF total mult

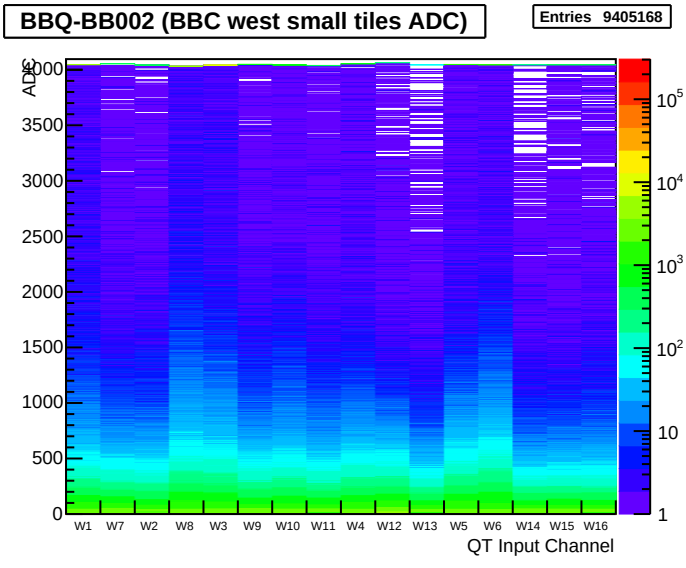

L2-TF201
Entries 0
TOF total mult(Real-Simu)

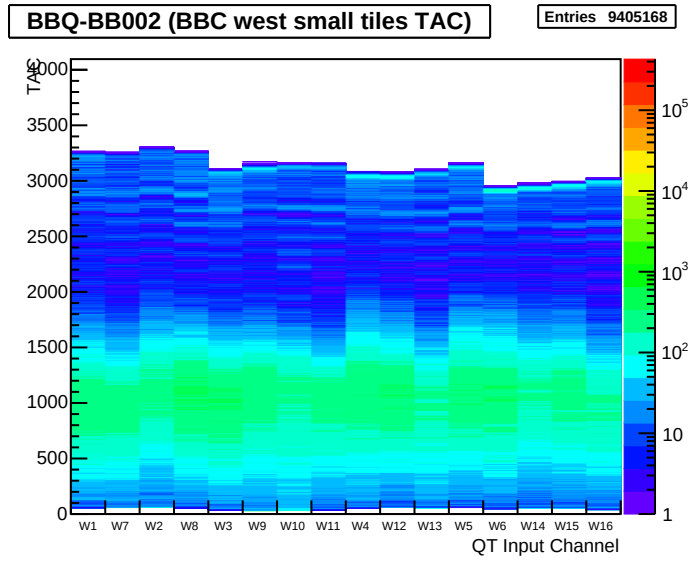

L2-TF201
Entries 4114761
Threshold/UPC bits
513300
515506
511112
515660
511689
509329
555967
74523
72317
76711
72163
76134
78494
31856
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

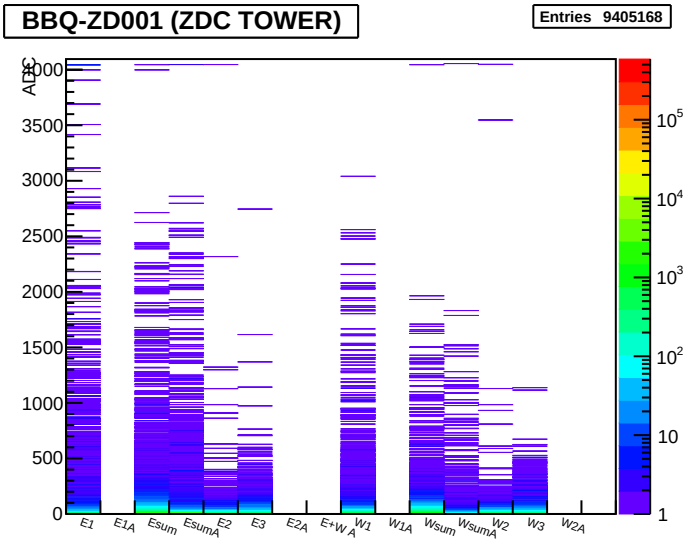

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

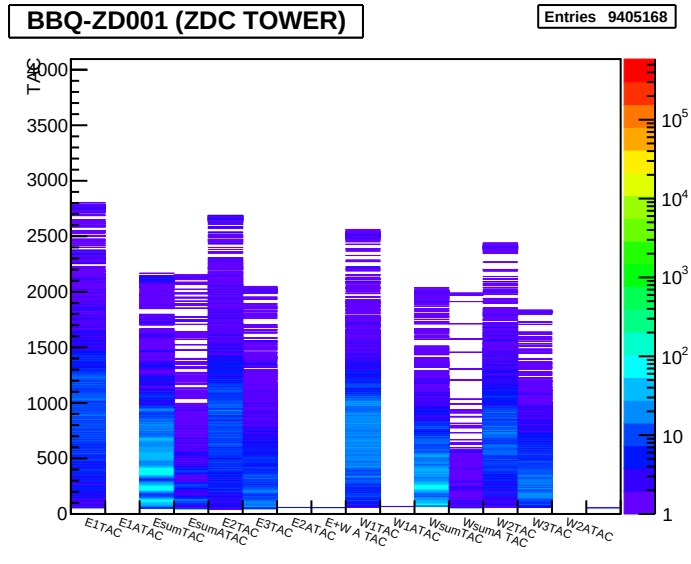

BBQ-BB001 (BBC east small tiles ADC)
Entries 9405168
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

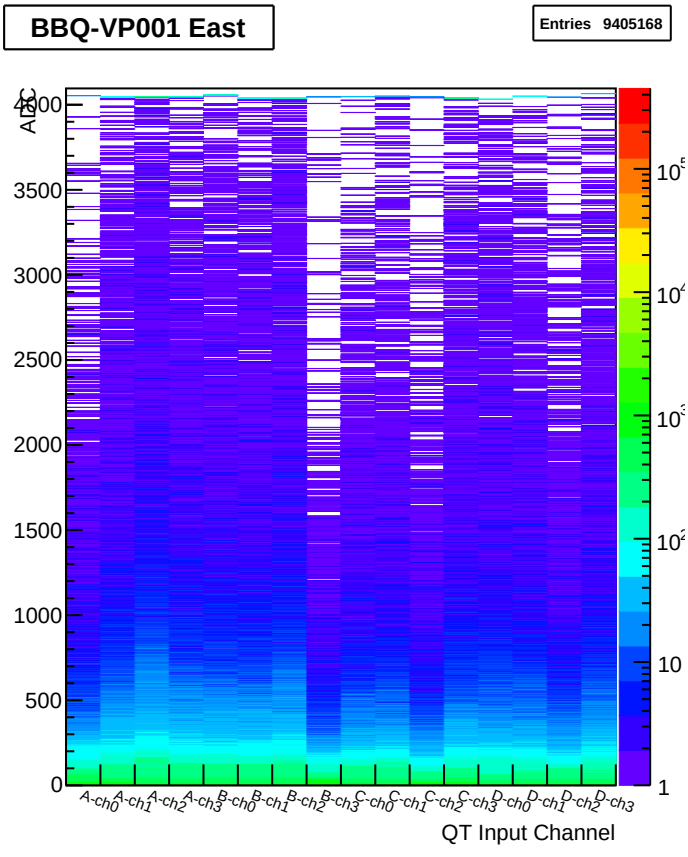

BBQ-BB001 (BBC east small tiles TAC)
Entries 9405168
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

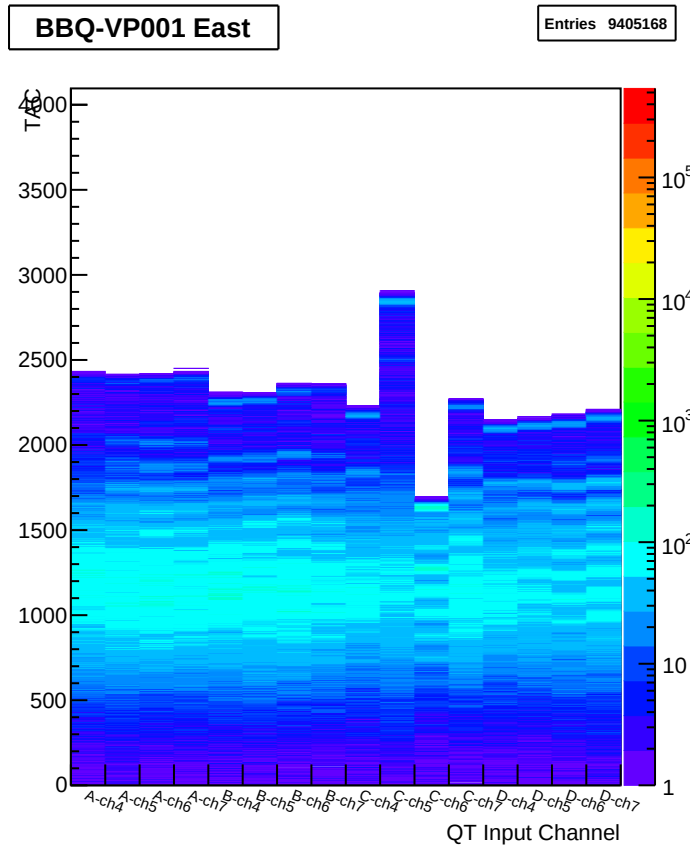

BBQ-BB002 (BBC west small tiles ADC)
Entries 9405168
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

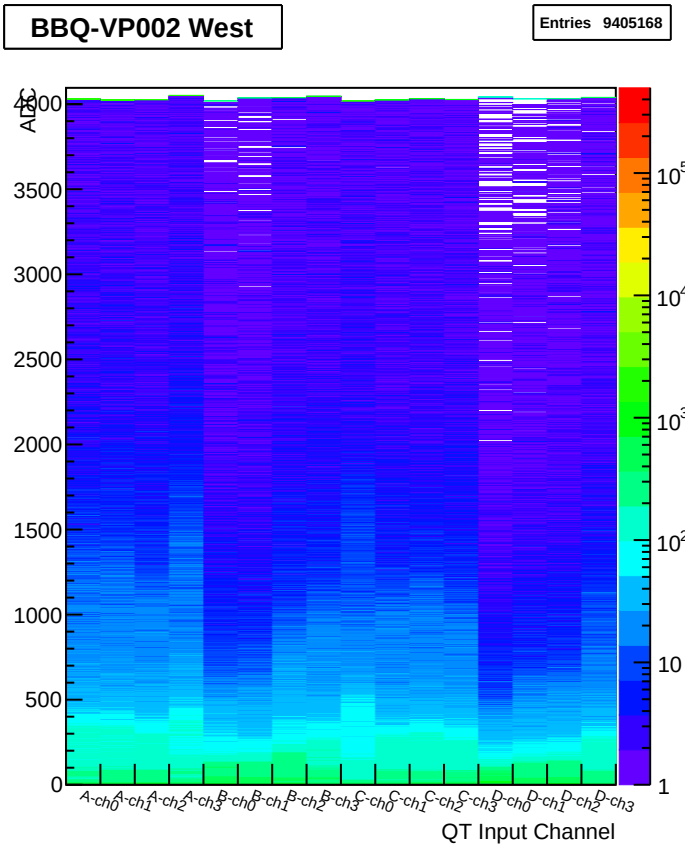

BBQ-BB002 (BBC west small tiles TAC)
Entries 9405168
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

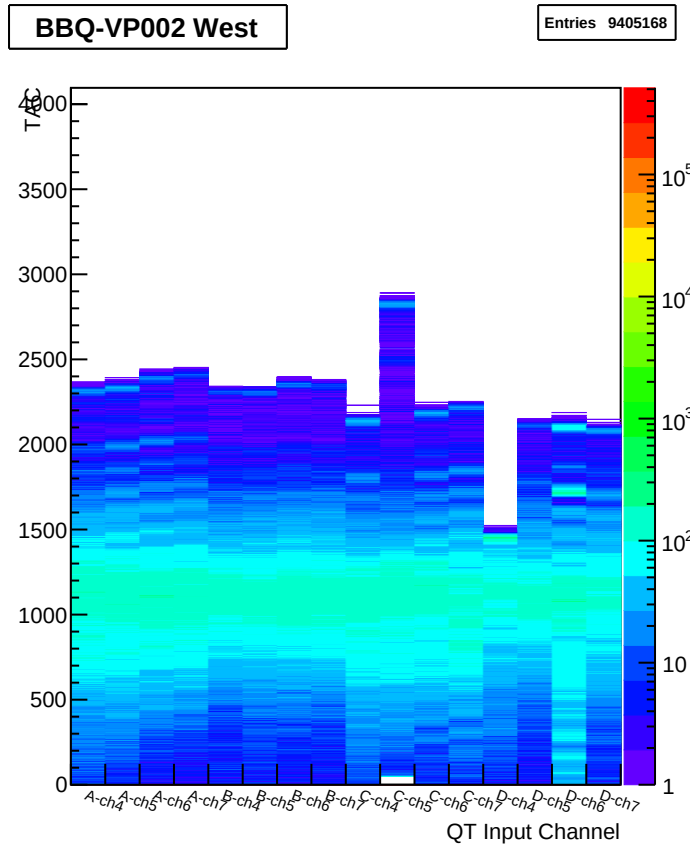

BBQ-ZD001 (ZDC TOWER)
Entries 9405168
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

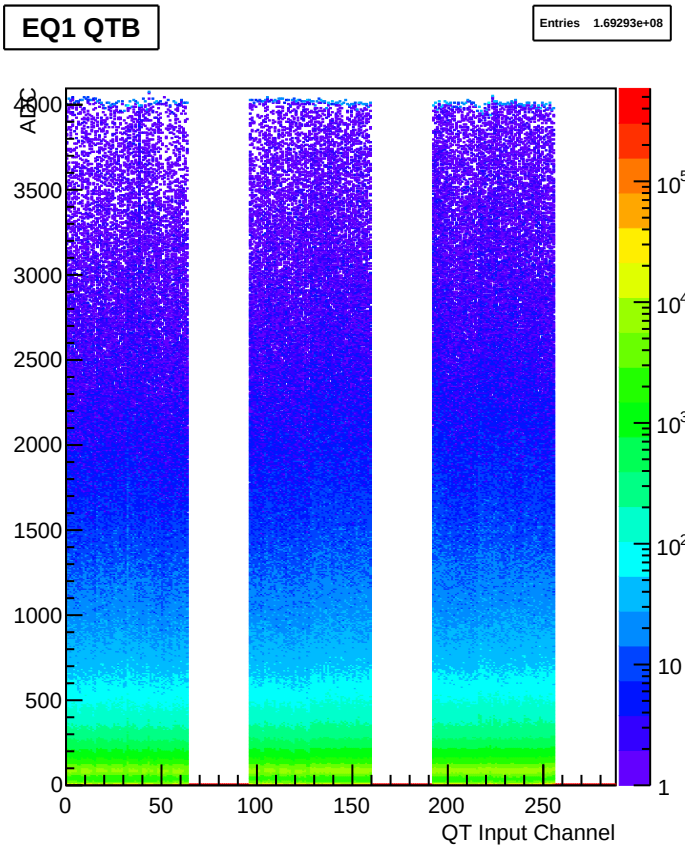

BBQ-ZD001 (ZDC TOWER)
Entries 9405168
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

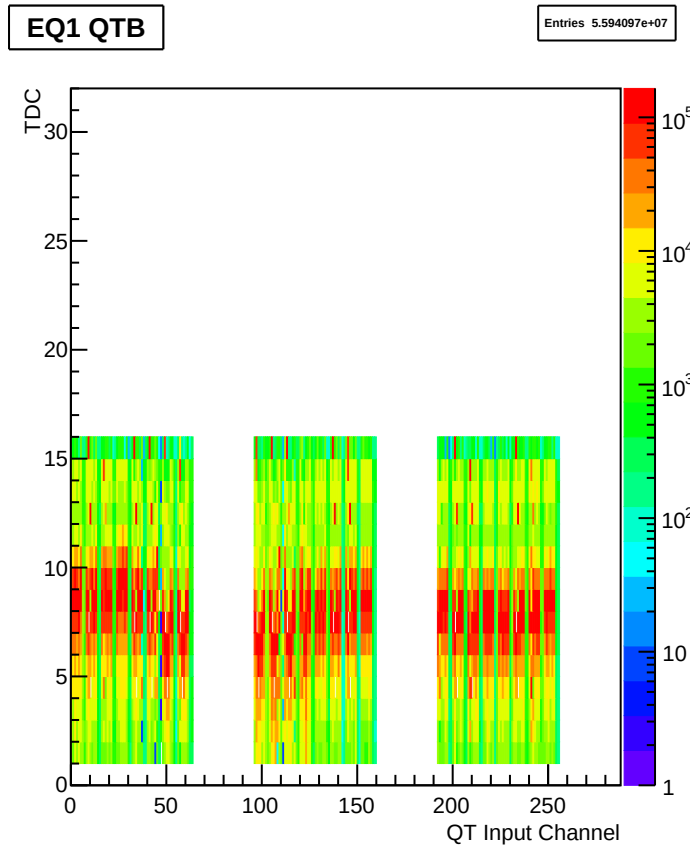

BBQ-VP001 East
Entries 9405168
ADC
QT Input Channel

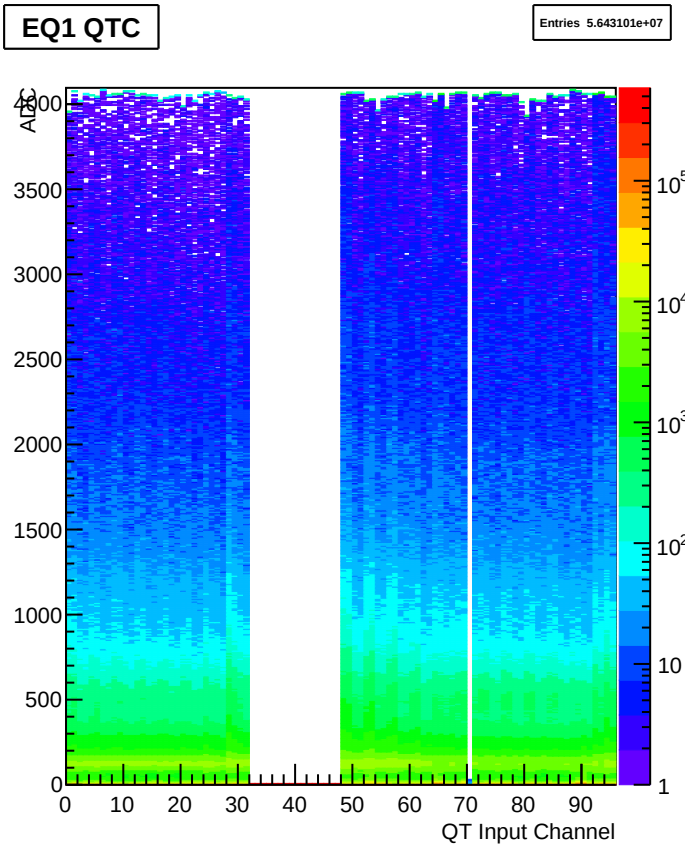

BBQ-VP001 East
Entries 9405168
ADC
QT Input Channel

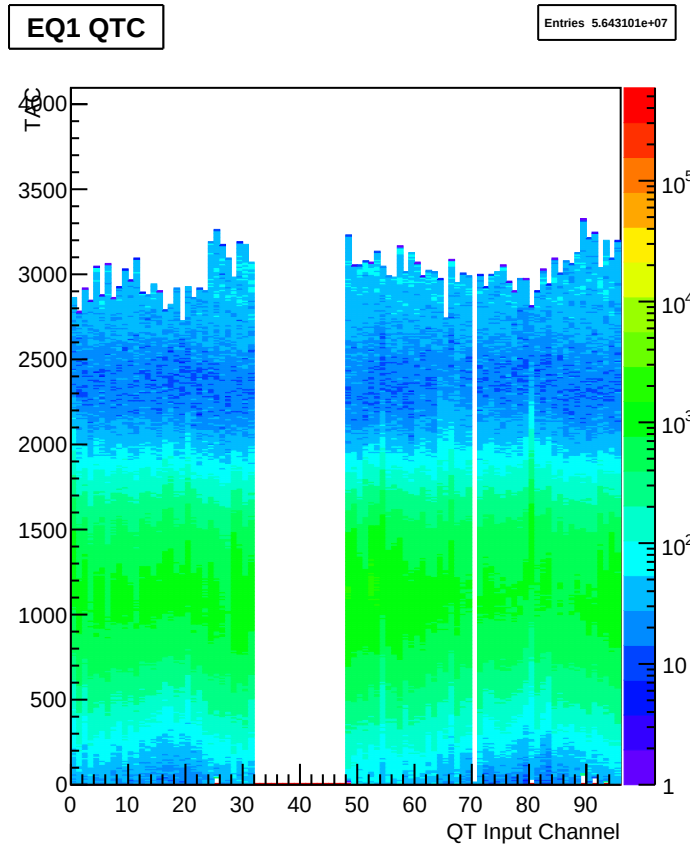

BBQ-VP002 West
Entries 9405168
ADC
QT Input Channel

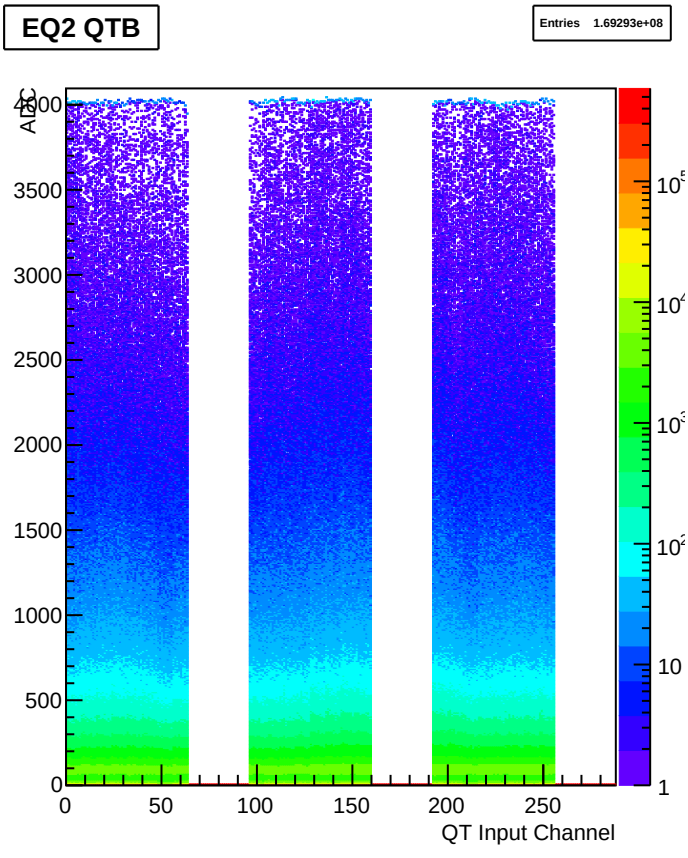

BBQ-VP002 West
Entries 9405168
ADC
QT Input Channel

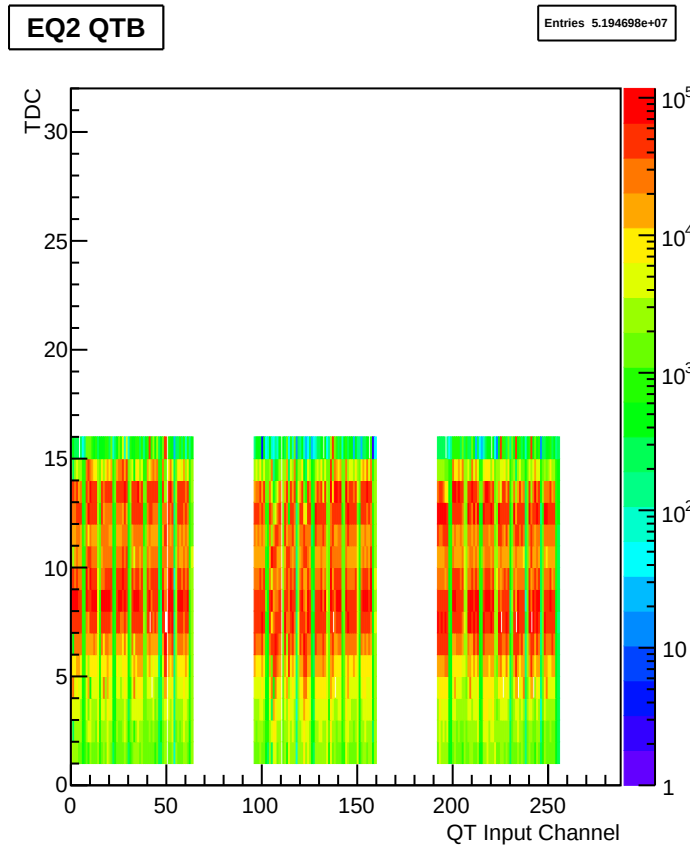

EQ1 QTB
Entries 1.69293e+08
ADC
QT Input Channel

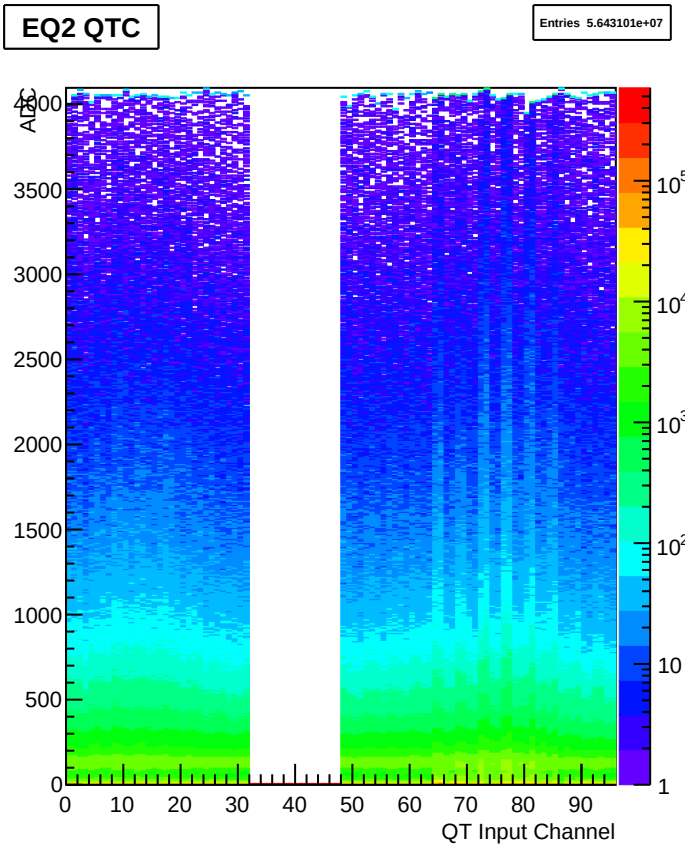

EQ1 QTB
Entries 5.594097e+07
TDC
QT Input Channel

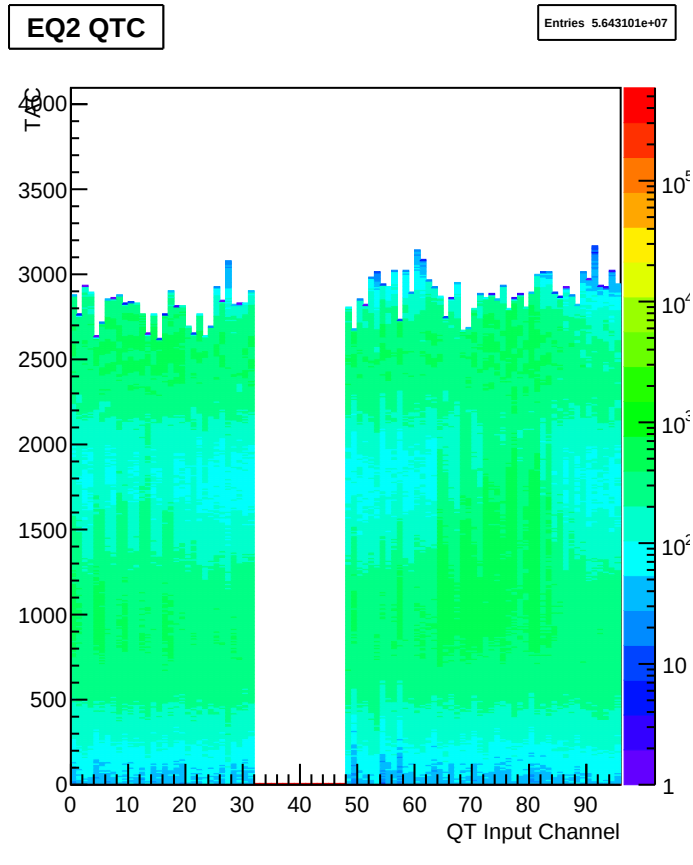

EQ1 QTC
Entries 5.643101e+07
ADC
QT Input Channel

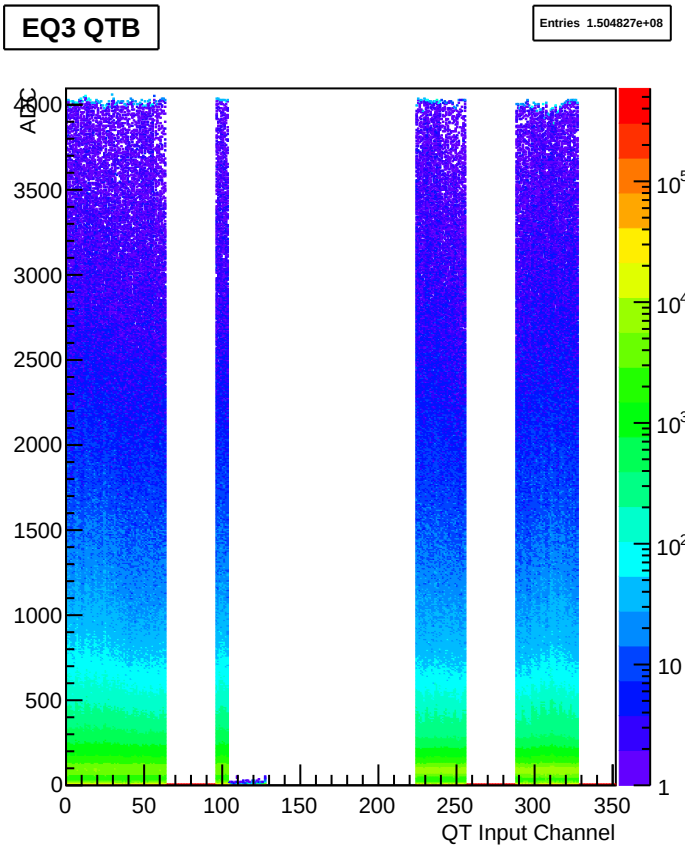

EQ1 QTC
Entries 5.643101e+07
TADC
QT Input Channel

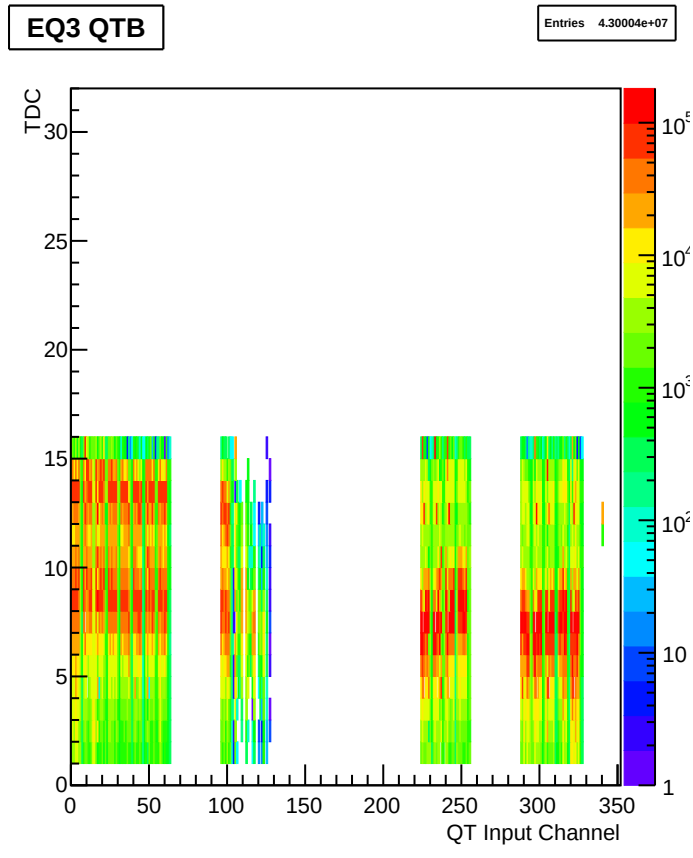

EQ2 QTB
Entries 1.69293e+08
ADC
QT Input Channel

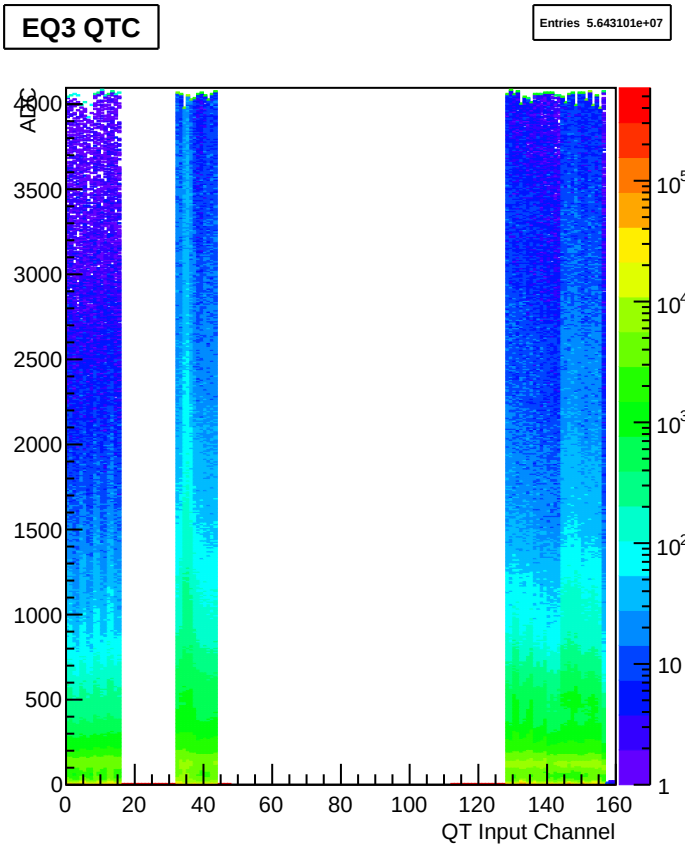

EQ2 QTB
Entries 5.194698e+07
TDC
QT Input Channel

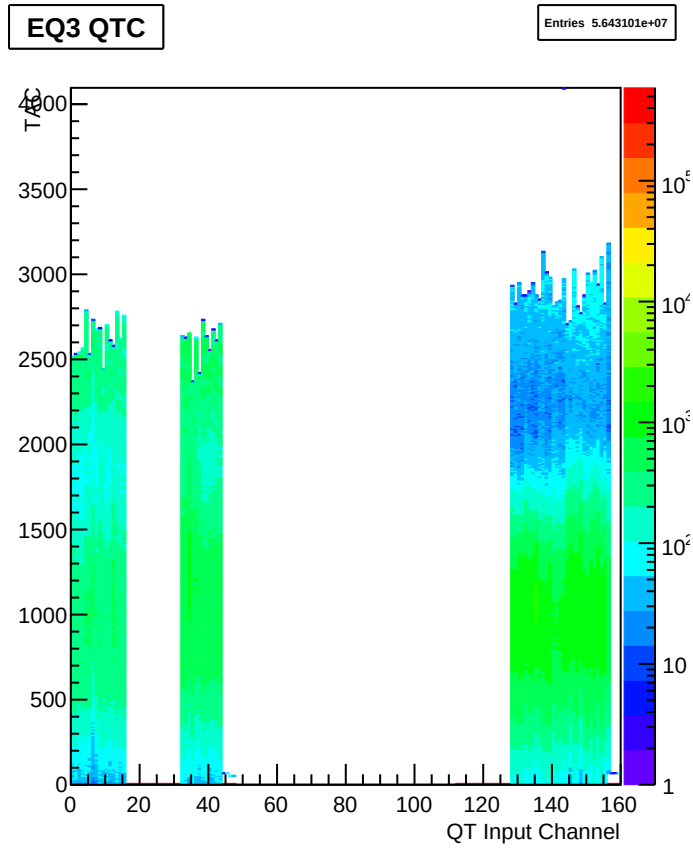

EQ2 QTC
Entries 5.643101e+07
ADC
QT Input Channel

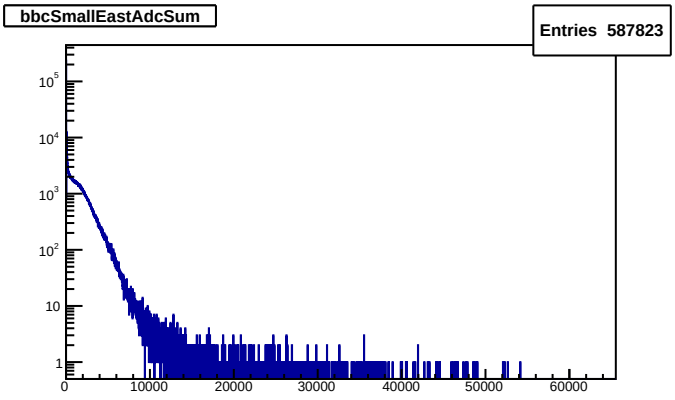

EQ2 QTC
Entries 5.643101e+07
TADC
QT Input Channel

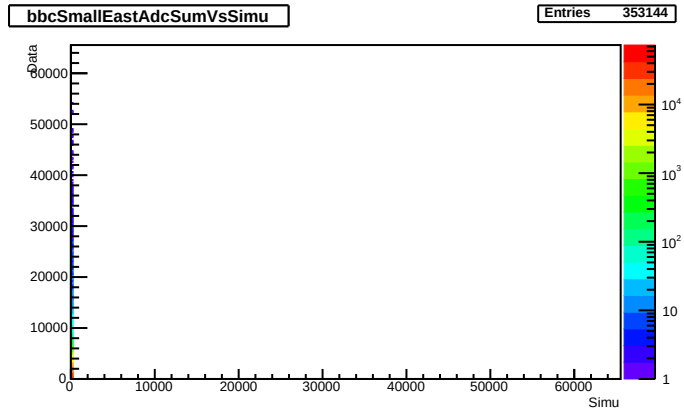

EQ3 QTB
Entries 1.504827e+08
ADC
QT Input Channel

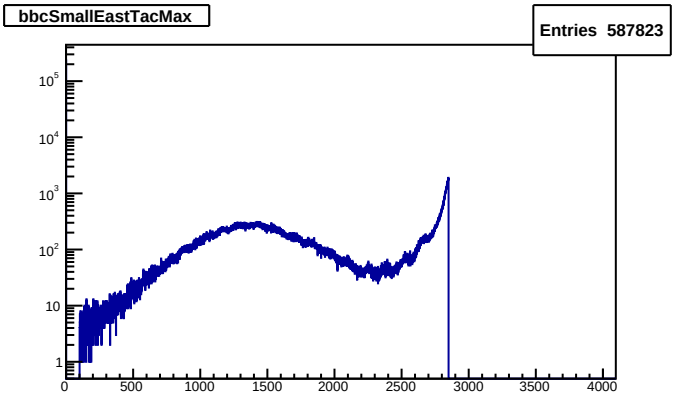

EQ3 QTB
Entries 4.30004e+07
TDC
QT Input Channel

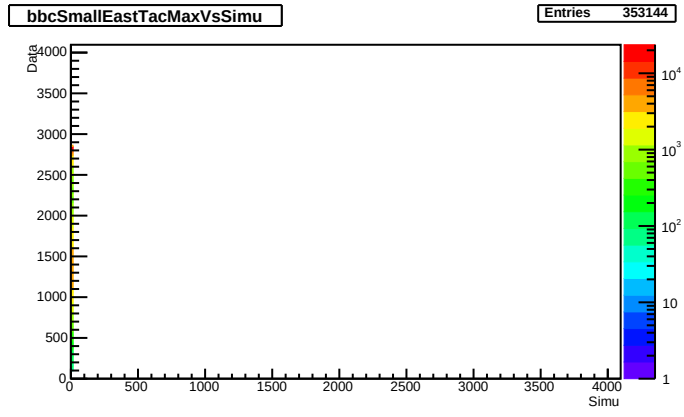

EQ3 QTC
Entries 5.643101e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.643101e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 587823


bbcSmallEastAdcSumVsSimu
Entries 353144
Data
Simu


bbcSmallEastTacMax
Entries 587823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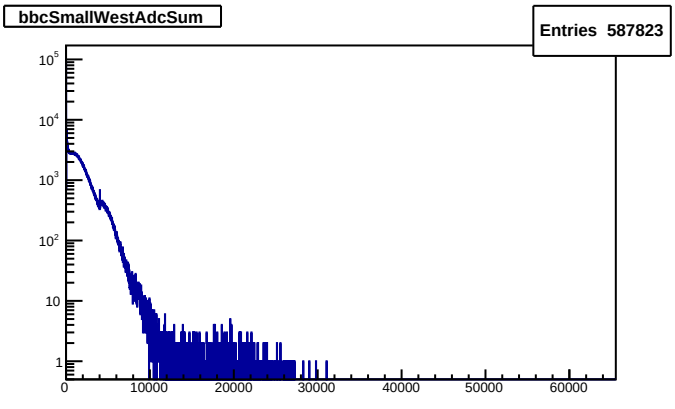
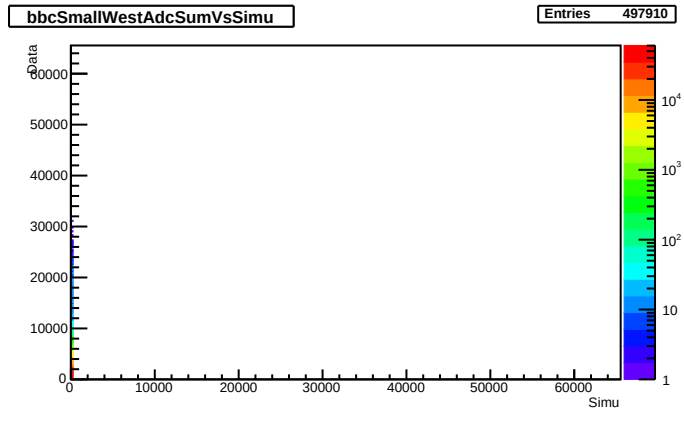

bbcSmallWestAdcSum
Entries 587823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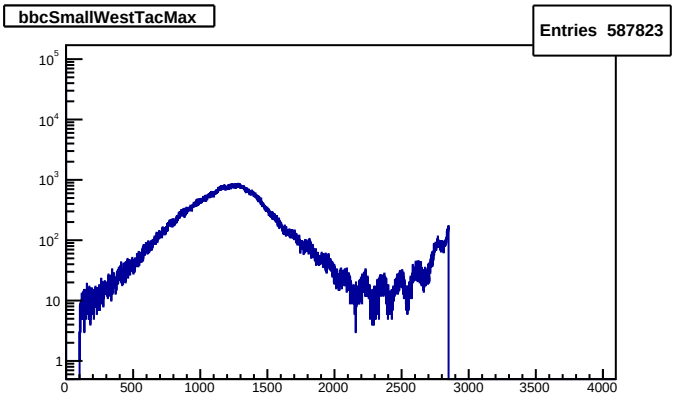
Entries 497910
Data
Simu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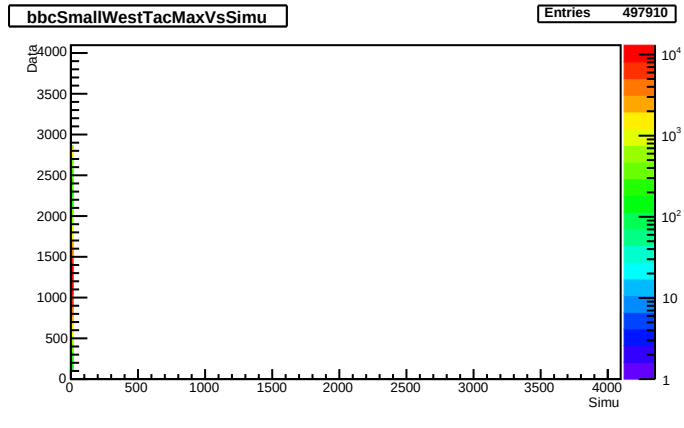
Entries 587823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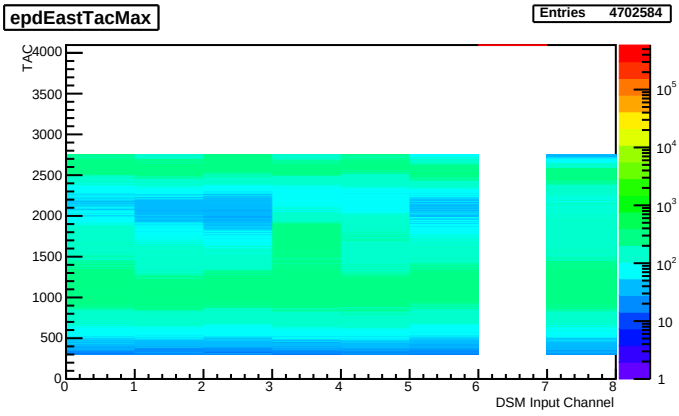
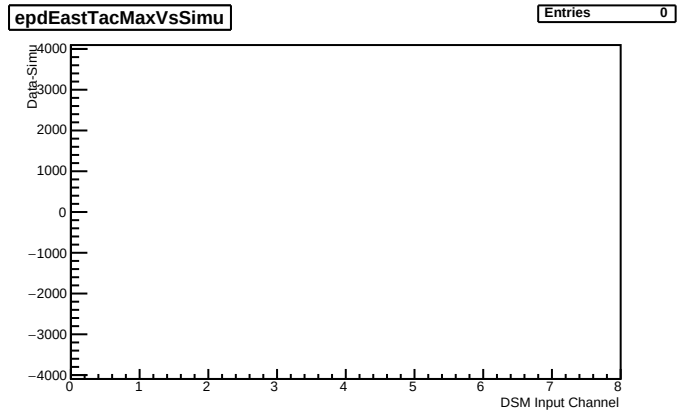
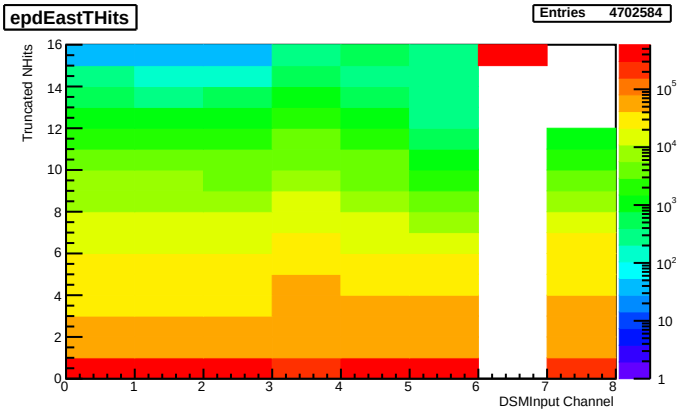
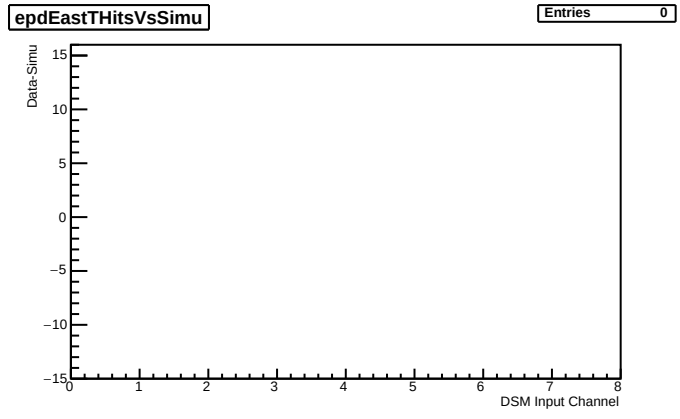
Entries 497910
Data
Simu


epdEastTacMax
Entries 4702584
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4702584
Truncated NHits
DSMInput Channel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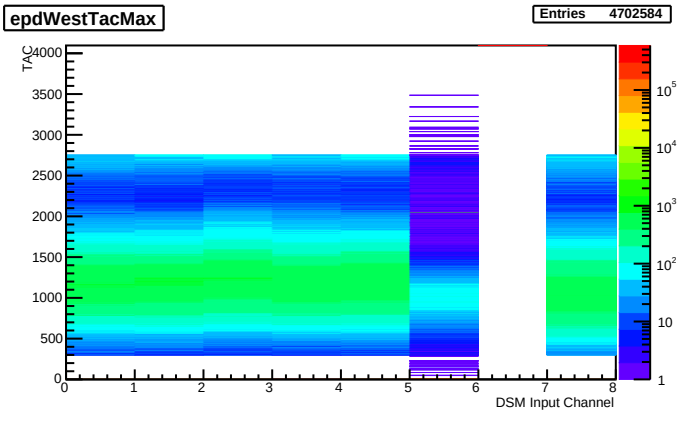
DSM Input Channel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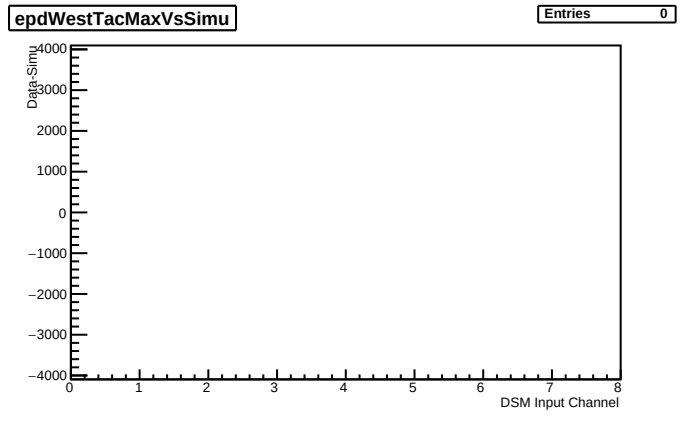
Entries 4702584
TAC
DSM Input Channel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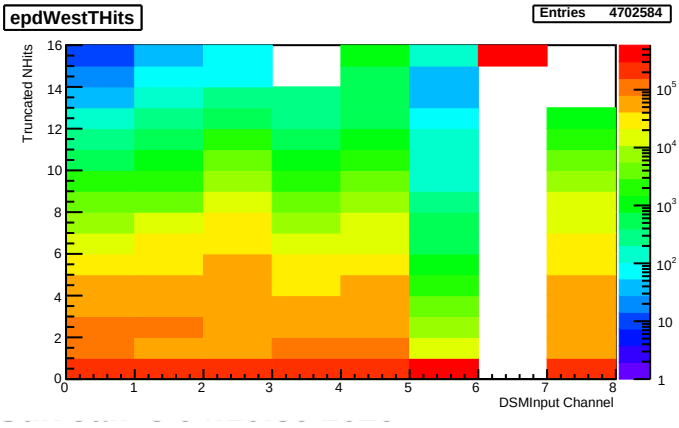
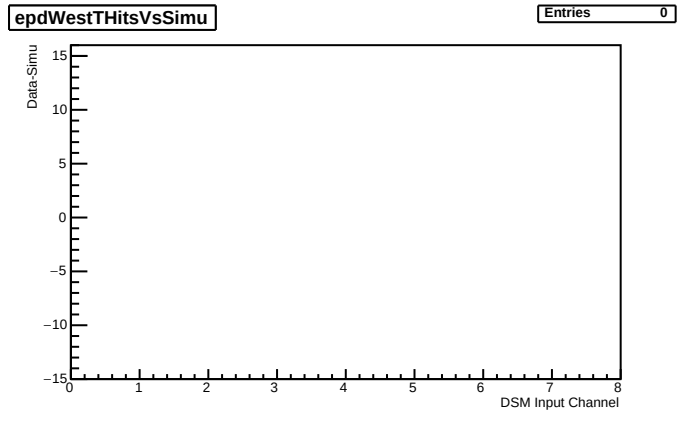
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4702584
Truncated NHits
DSMInput Channel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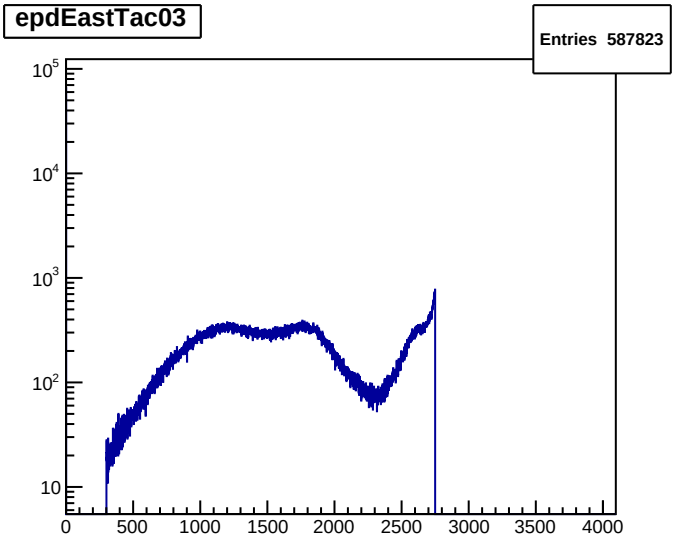
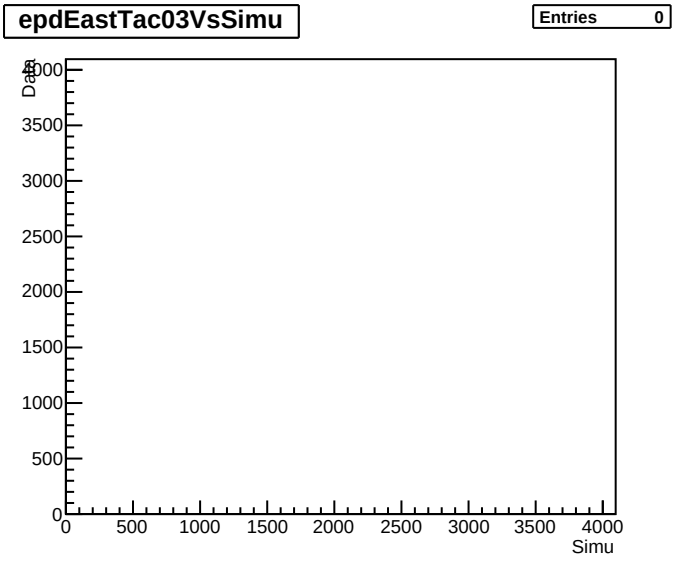
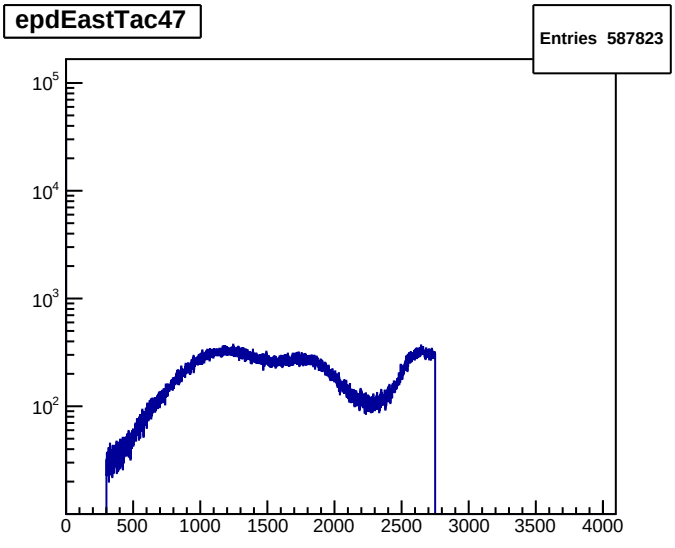
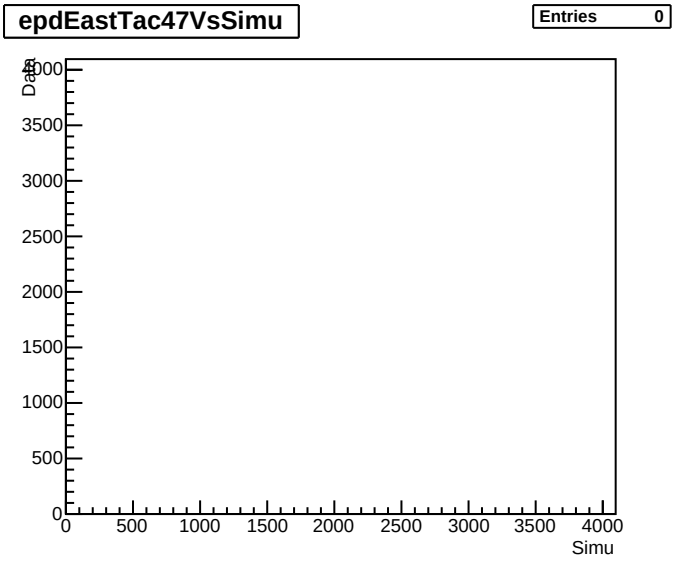
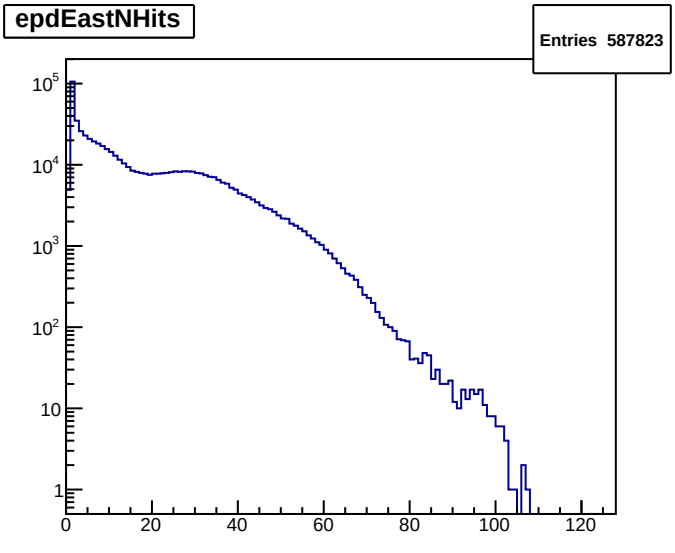
Entries 0
Data-Simu
DSM Input Channel

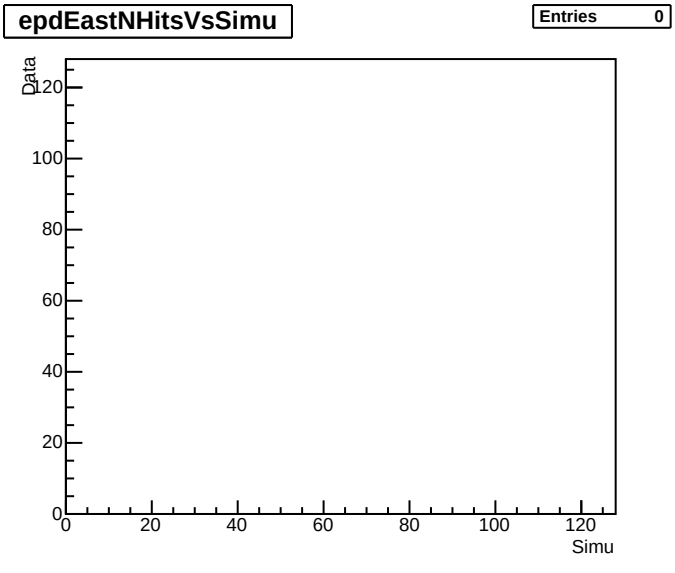

epdEastTac03
Entries 587823


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 587823


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 587823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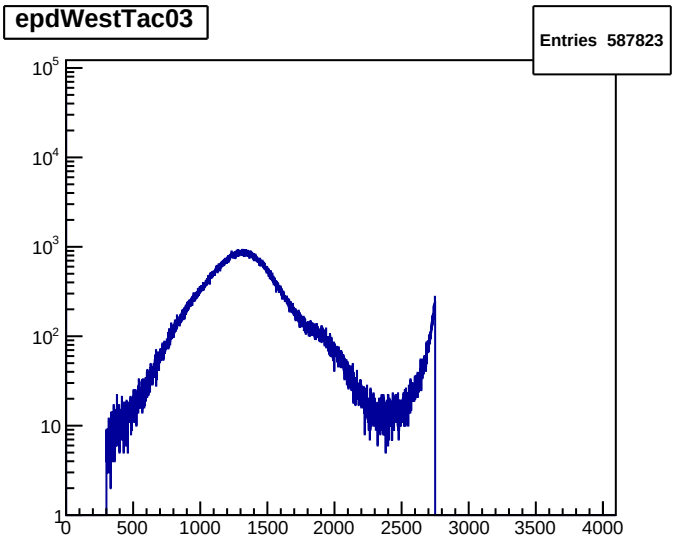
Entries 0
Data
Simu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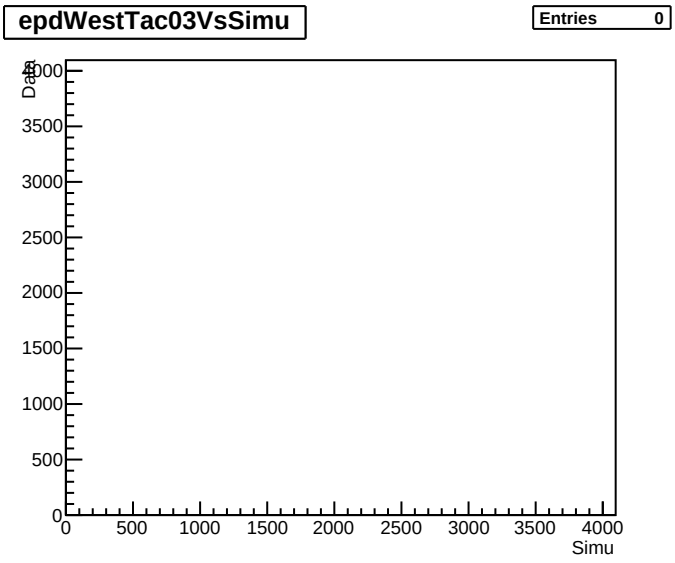
Entries 587823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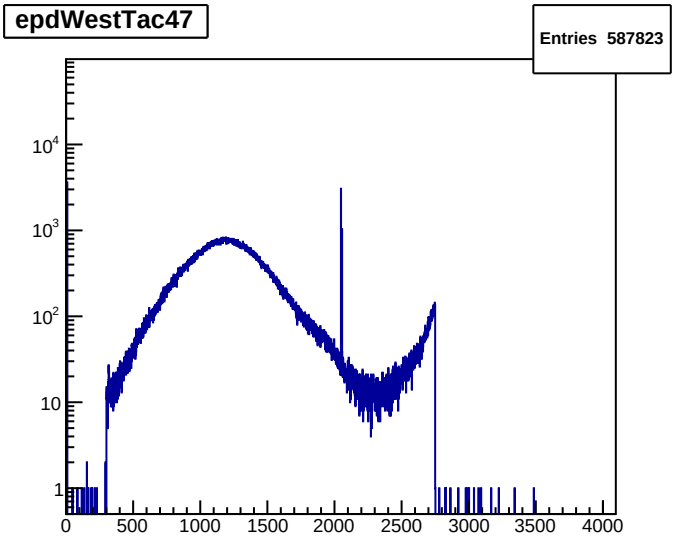
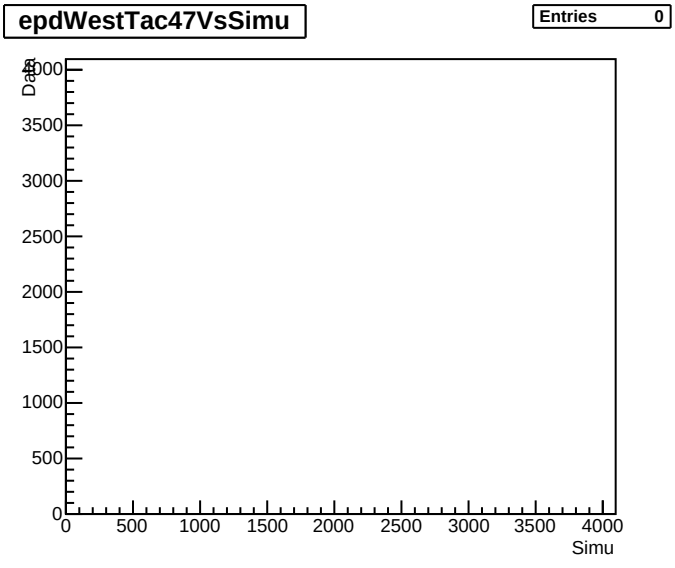
Entries 0
Data
Simu


epdWestTac47
Entries 587823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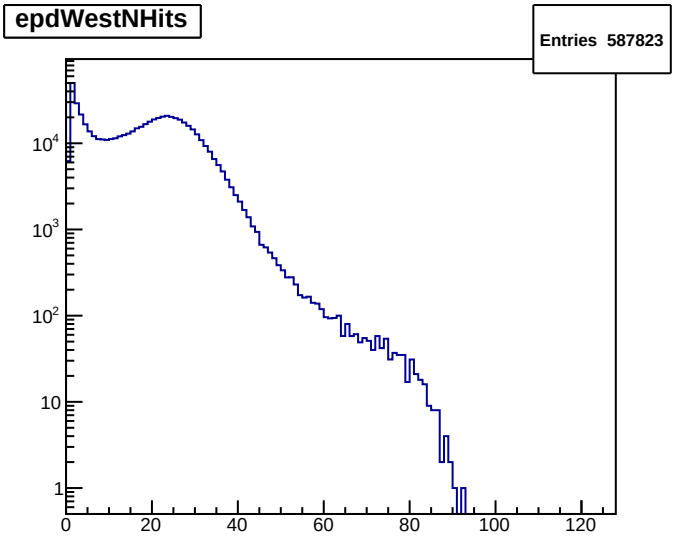
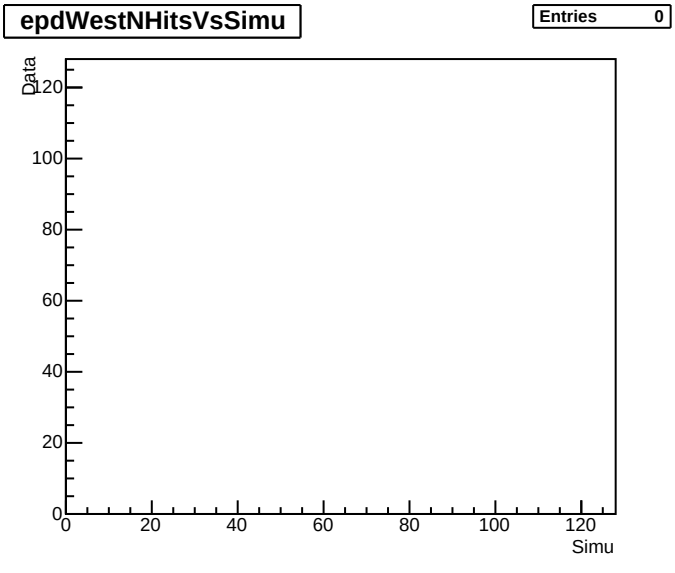
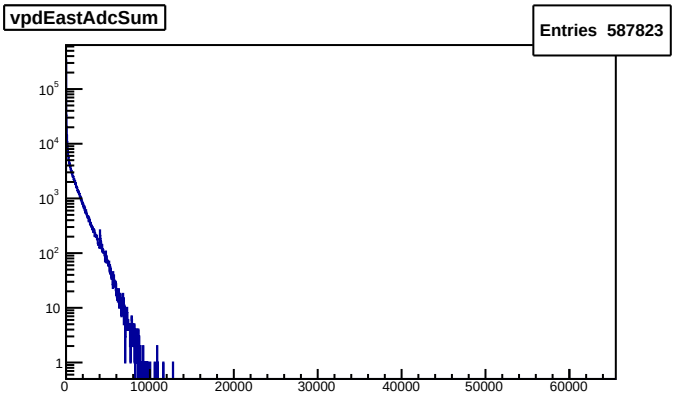
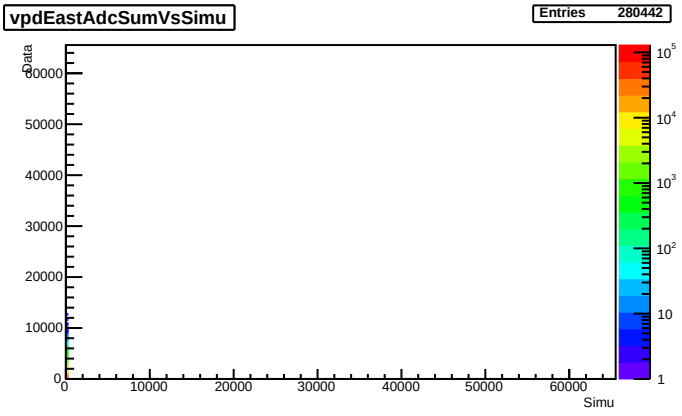
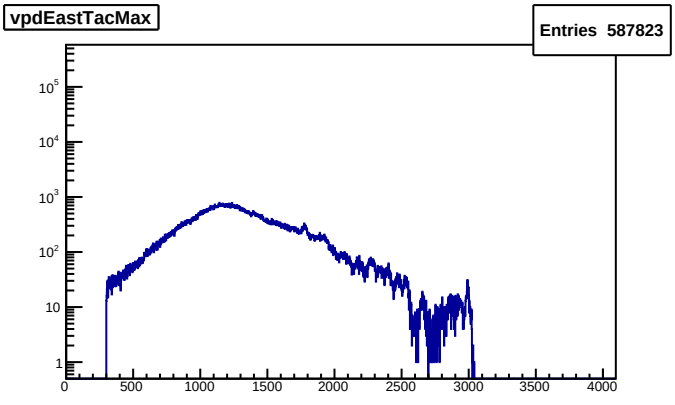
Entries 0
Data
Simu

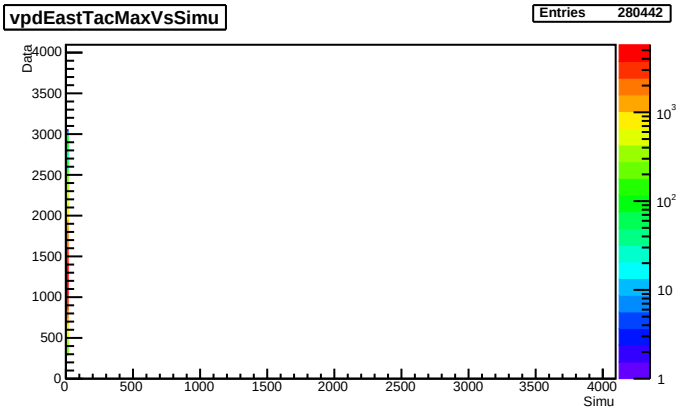

epdWestNHits
Entries 587823

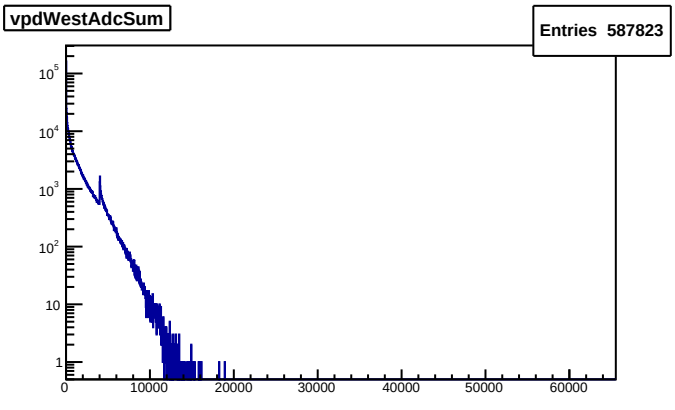

epdWestNHitsVsSimu
Entries 0
Data
Simu

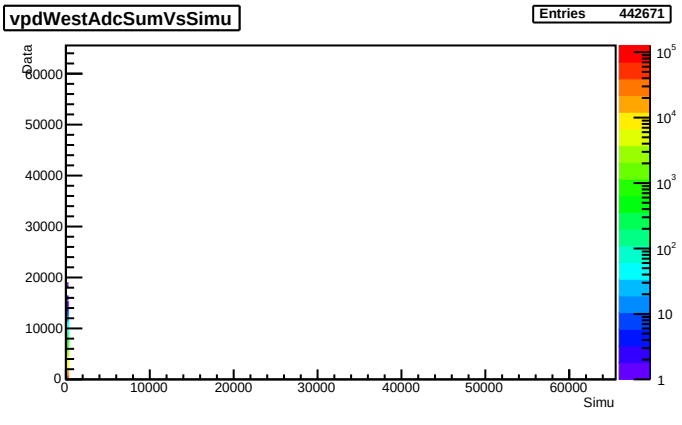

vpdEastAdcSum
Entries 587823

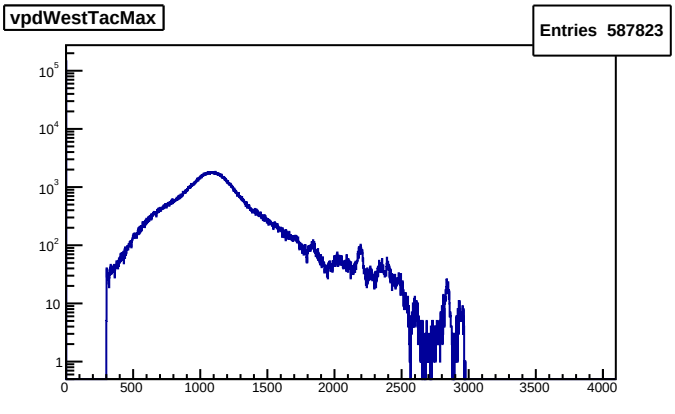

vpdEastAdcSumVsSimu
Entries 280442
Data
Simu

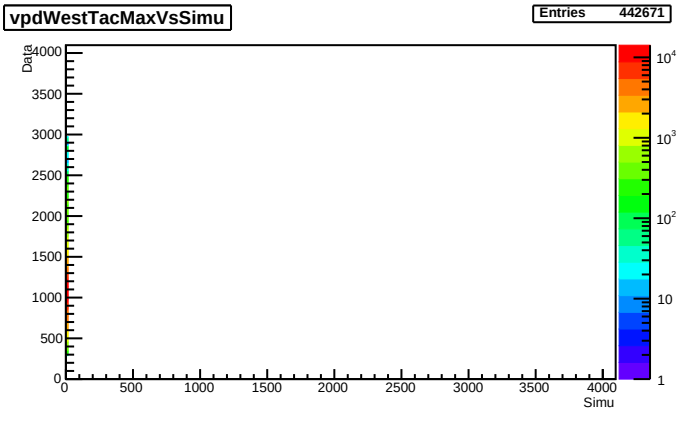

vpdEastTacMax
Entries 587823

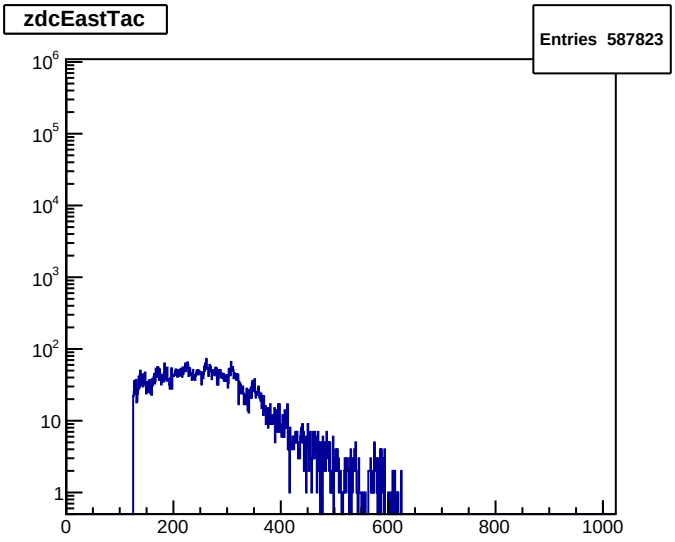

vpdEastTacMaxVsSimu
Entries 280442
Data
Simu

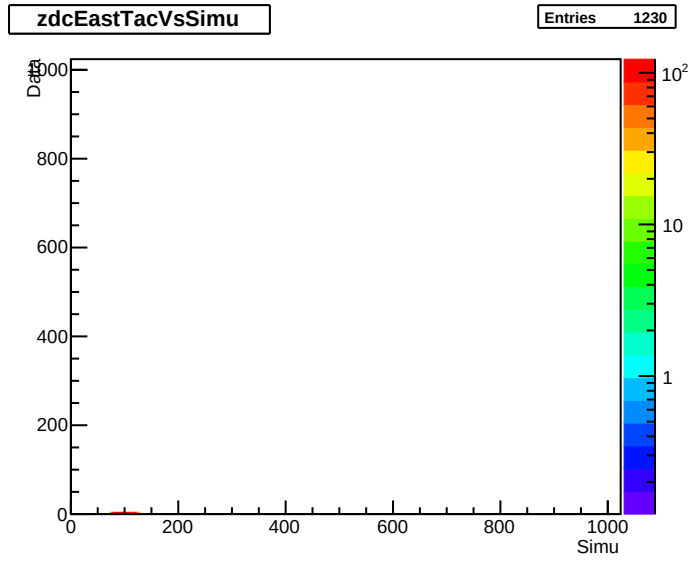

vpdWestAdcSum
Entries 587823

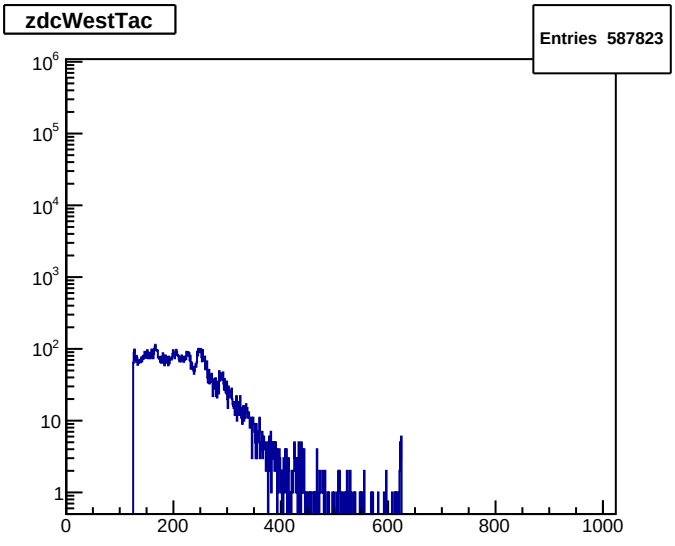

vpdWestAdcSumVsSimu
Entries 442671
Data
Simu

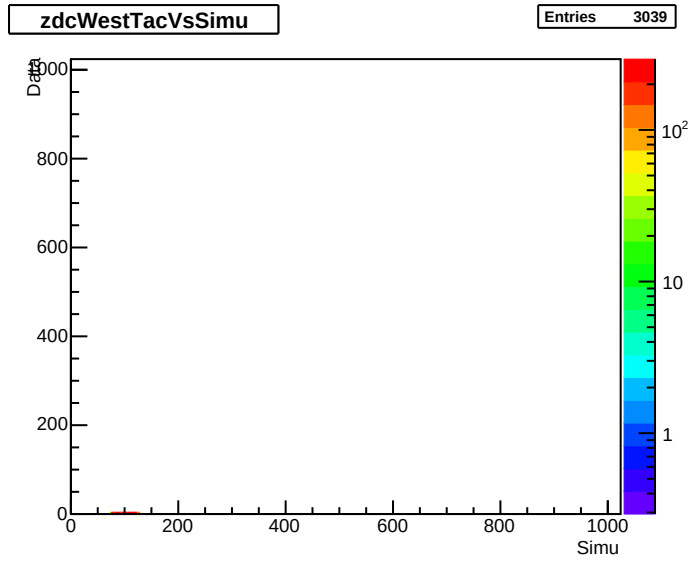

vpdWestTacMax
Entries 587823

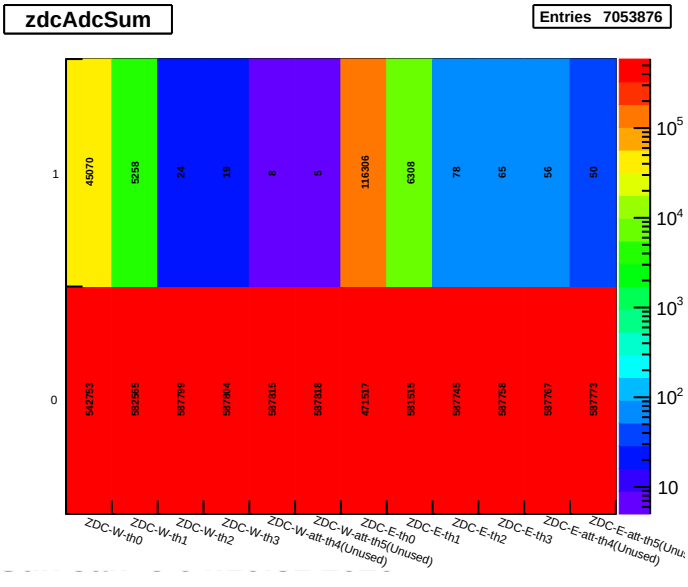

vpdWestTacMaxVsSimu
Entries 442671
Data
Simu

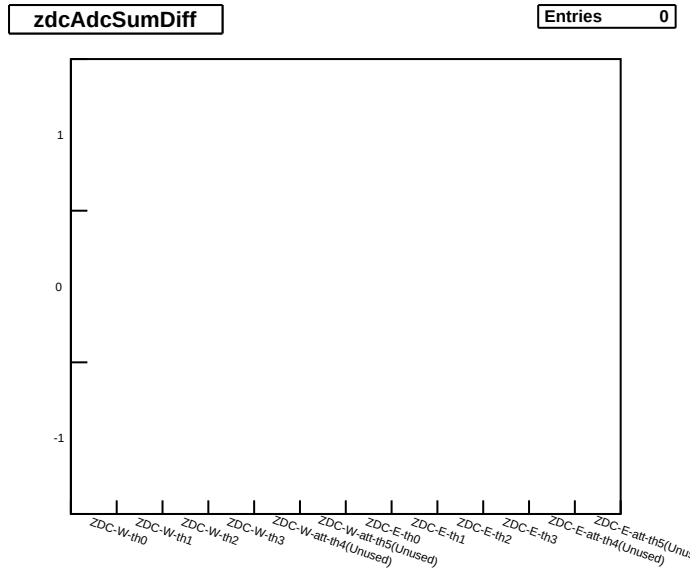

zdcEastTac
Entries 587823

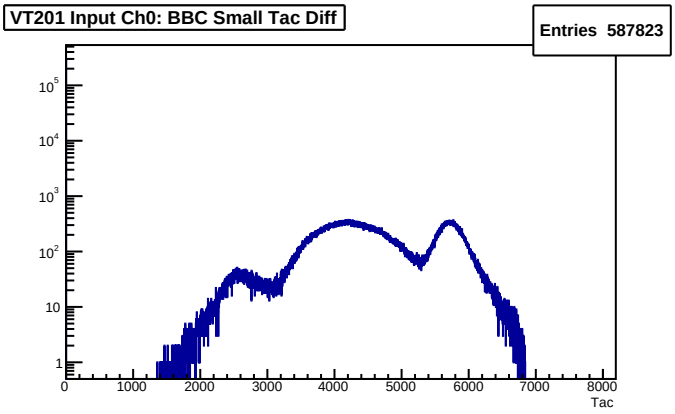

zdcEastTacVsSimu
Entries 1230
Data
Simu

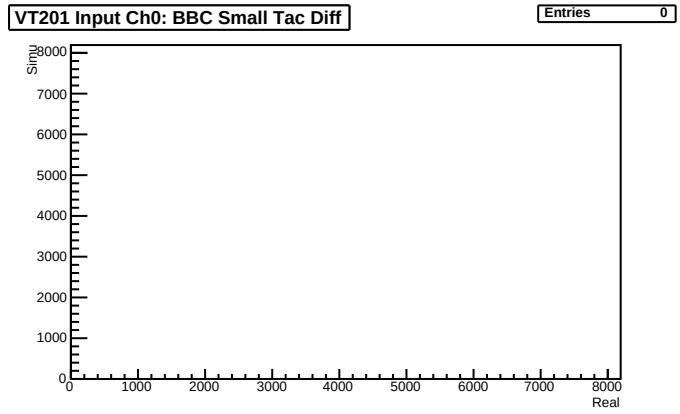

zdcWestTac
Entries 587823

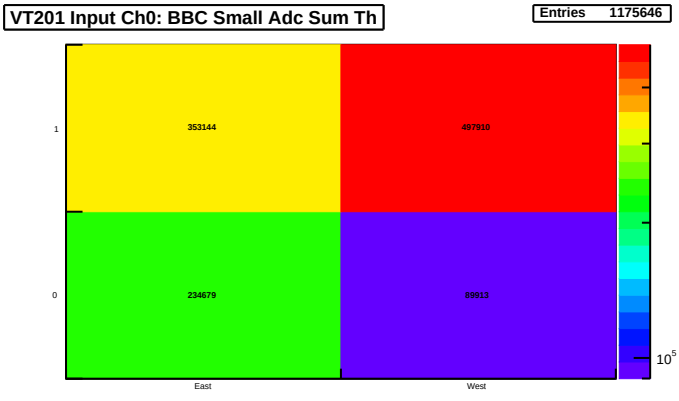

zdcWestTacVsSimu
Entries 3039
Data
Simu

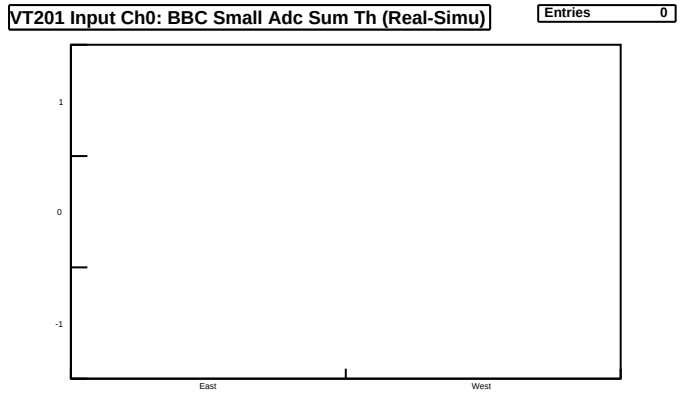

zdcAdcSum
Entries 7053876
45070
5258
24
19
8
5
116306
6308
78
65
56
50
542753
582565
587799
587804
587815
587818
471517
581515
587745
587758
587767
587773
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

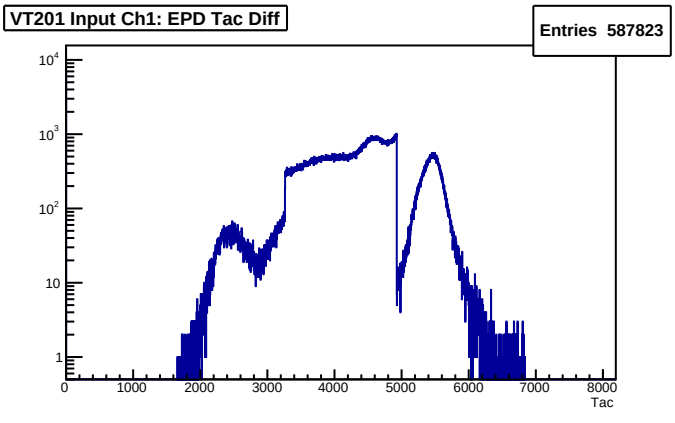

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

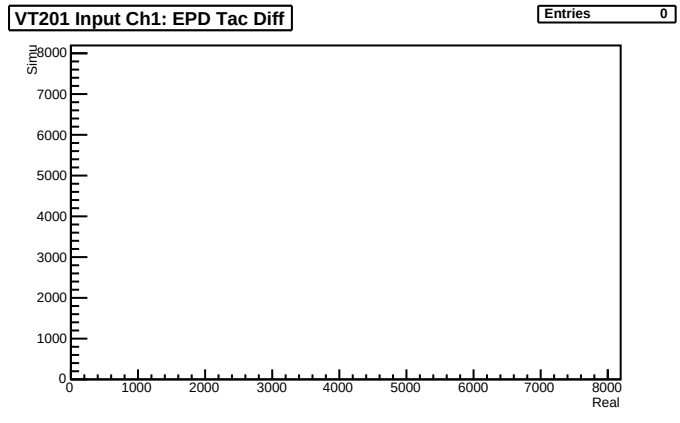

VT201 Input Ch0: BBC Small Tac Diff
Entries 587823
Tac

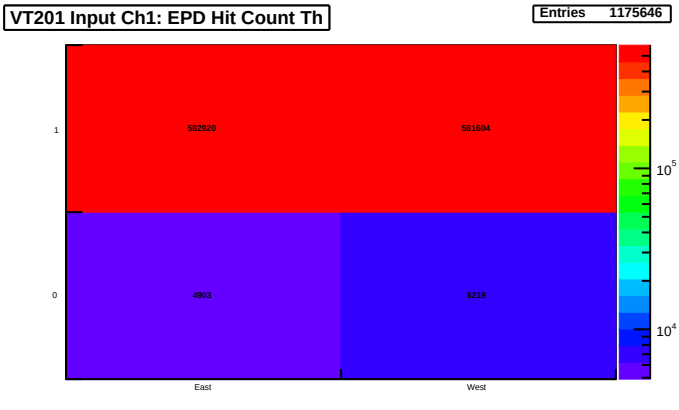

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

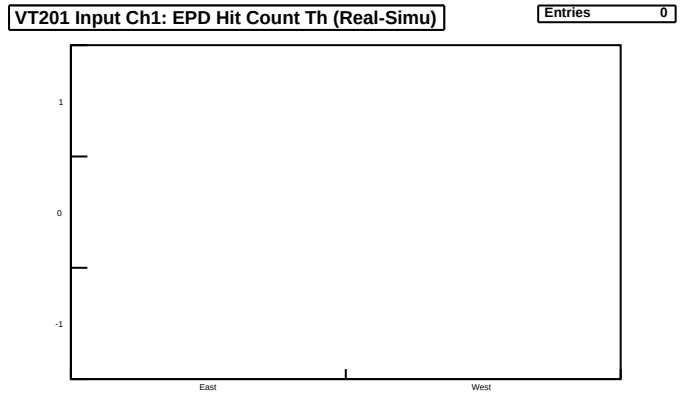

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1175646
353144
497910
234679
89913
East
West

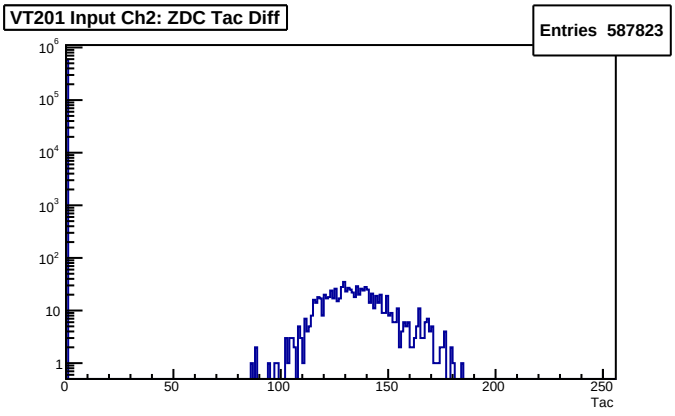

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

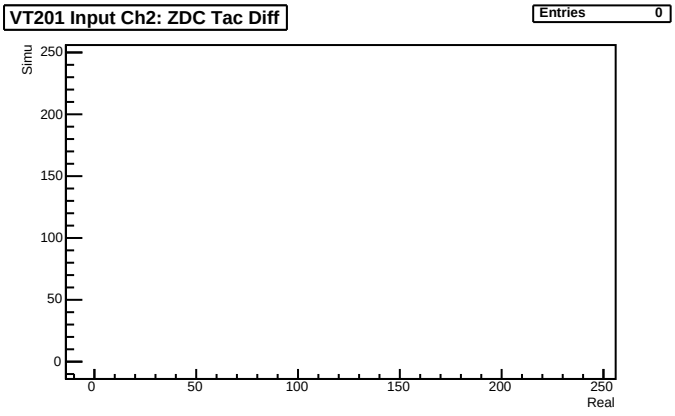

VT201 Input Ch1: EPD Tac Diff
Entries 587823
Tac

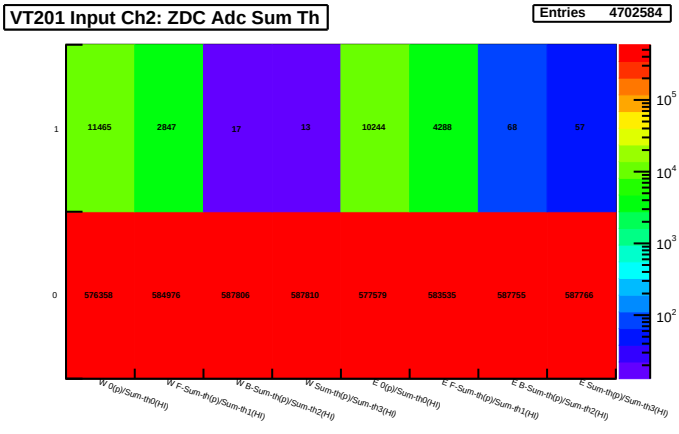

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

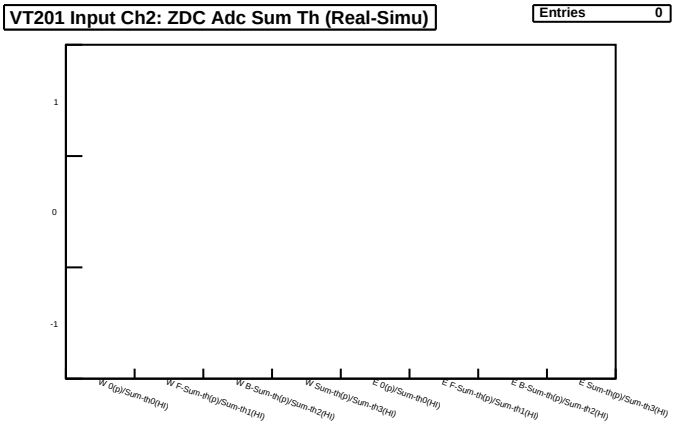

VT201 Input Ch1: EPD Hit Count Th
Entries 1175646
582920
581604
4903
6219
East
West

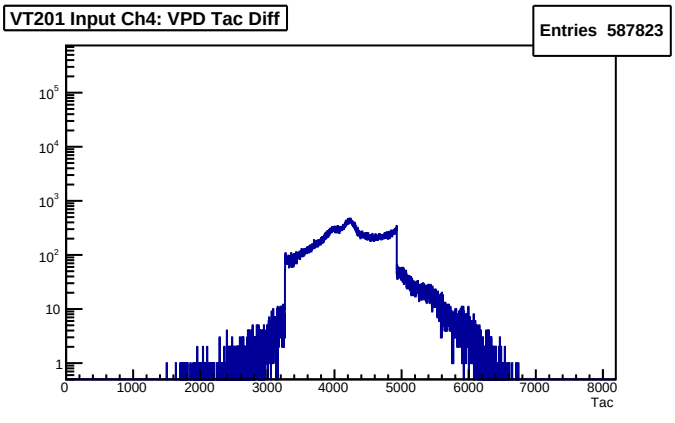

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

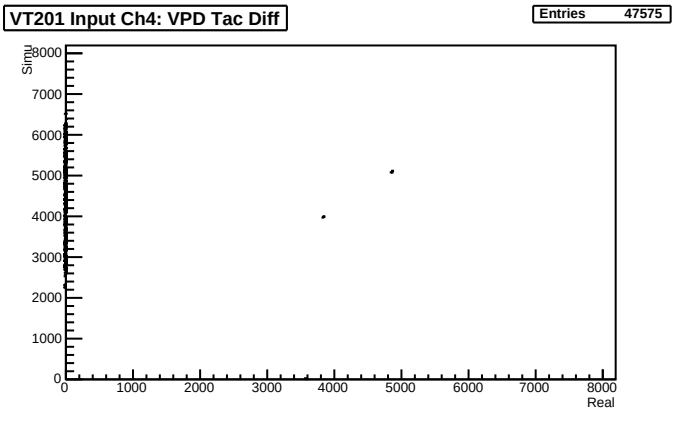

VT201 Input Ch2: ZDC Tac Diff
Entries 587823
Tac

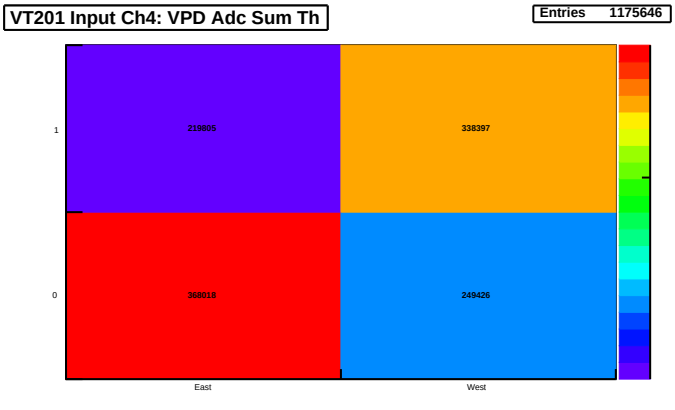

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

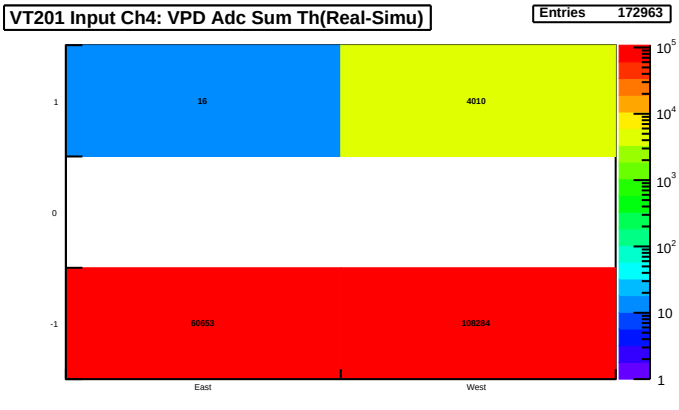

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4702584
11465
2847
17
13
10244
4288
68
57
576358
584976
587806
587810
577579
583535
587755
587766
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

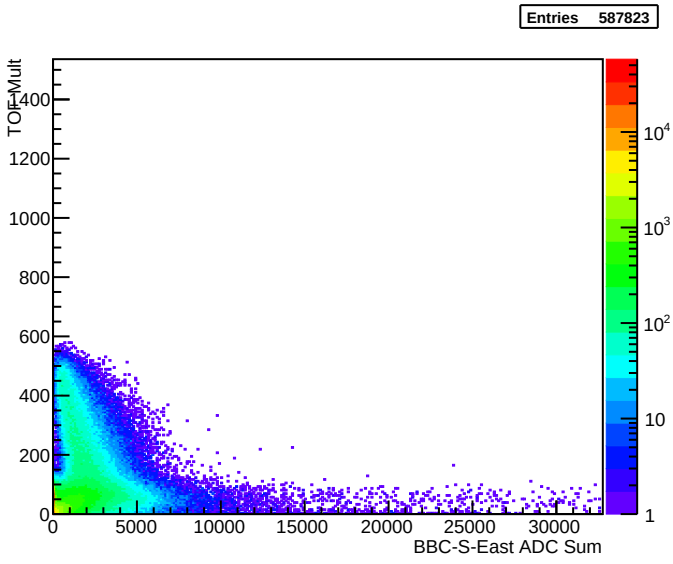

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

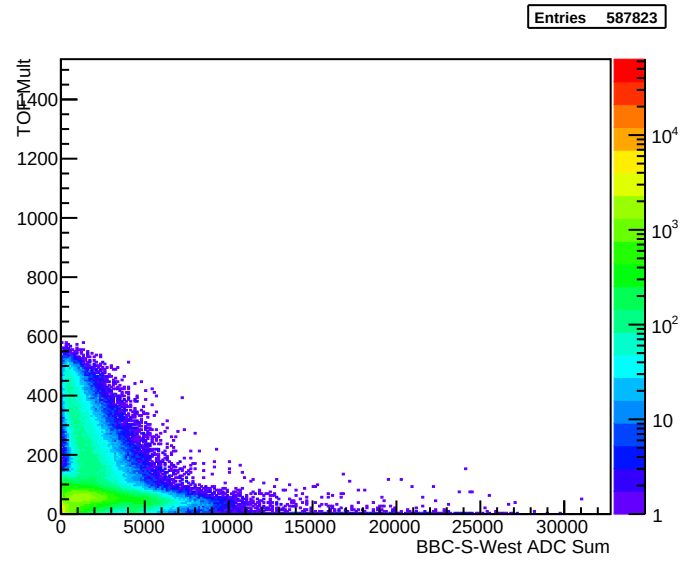

VT201 Input Ch4: VPD Tac Diff
Entries 587823
Tac

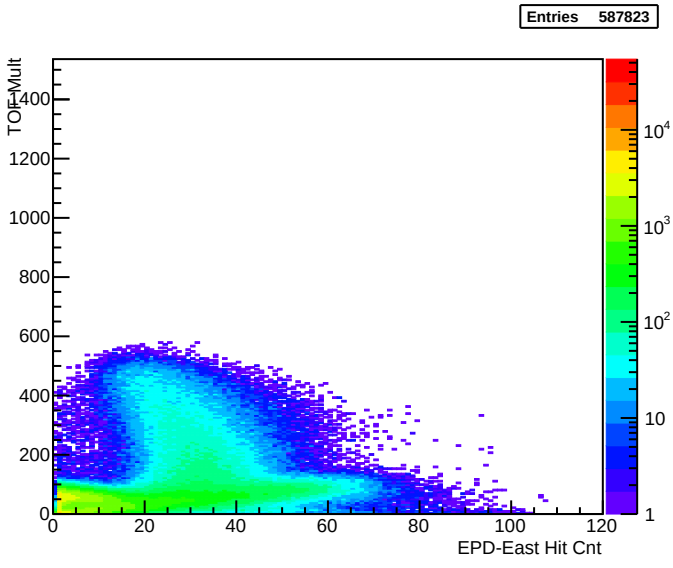

VT201 Input Ch4: VPD Tac Diff
Entries 47575
Simu
Real

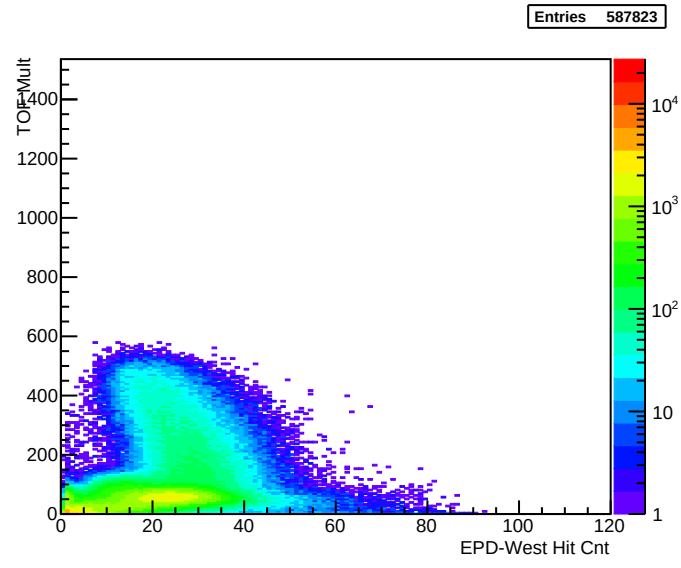

VT201 Input Ch4: VPD Adc Sum Th
Entries 1175646
219805
338397
368018
249426
East
West

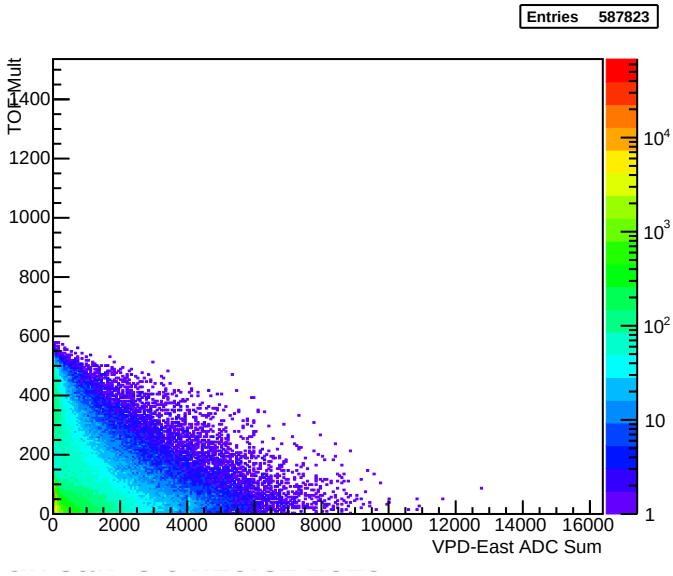

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 172963
16
4010
60653
108284
East
West

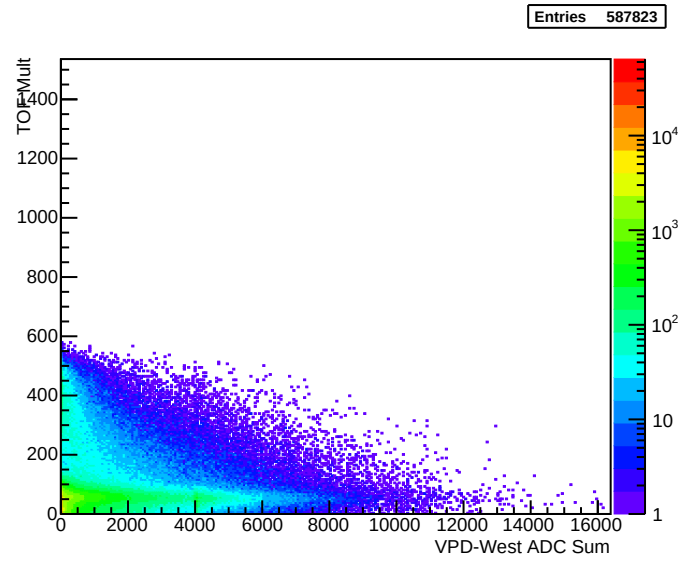

Entries 587823
TOF-Mult
BBC-S-East ADC Sum

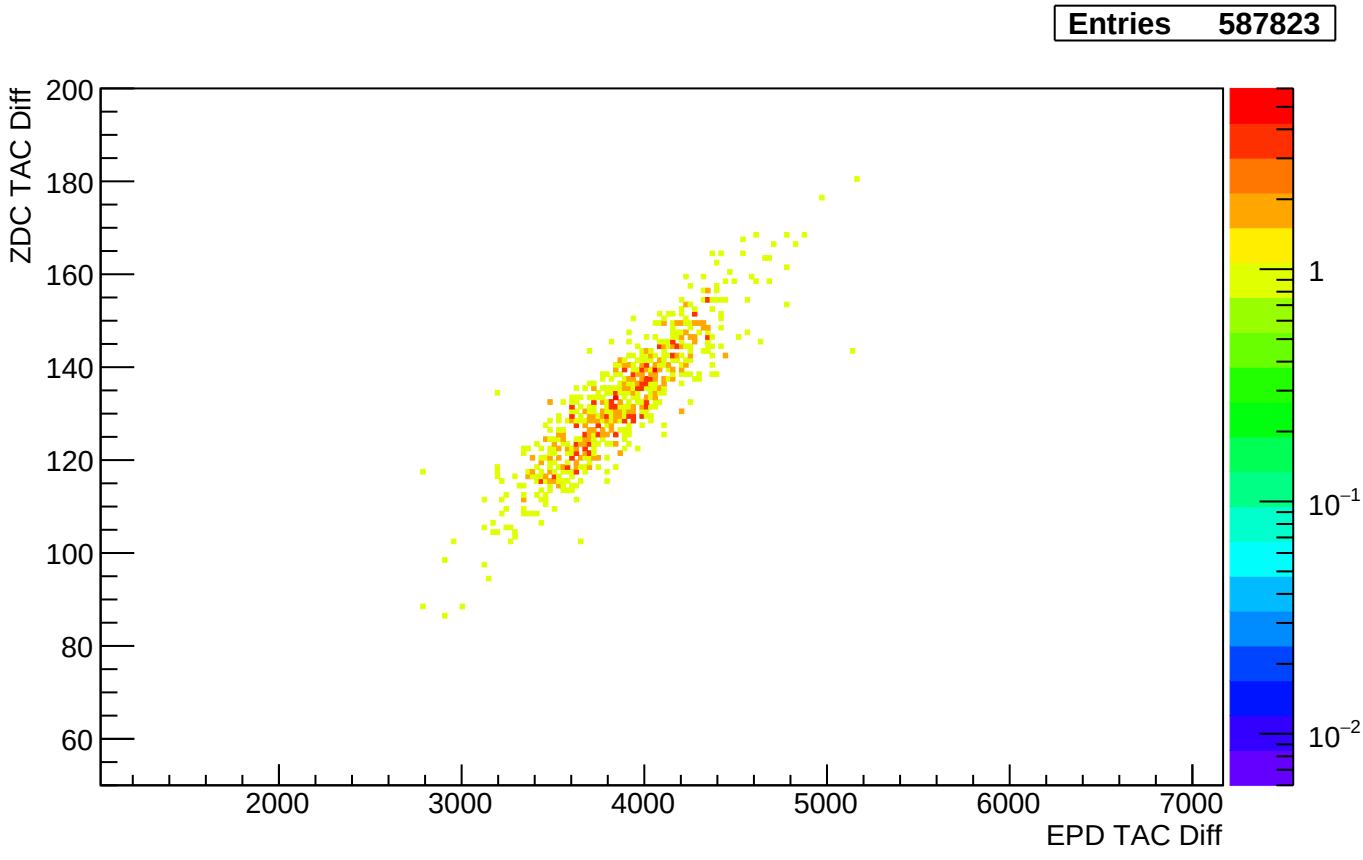

Entries 587823
TOF-Mult
BBC-S-West ADC Sum

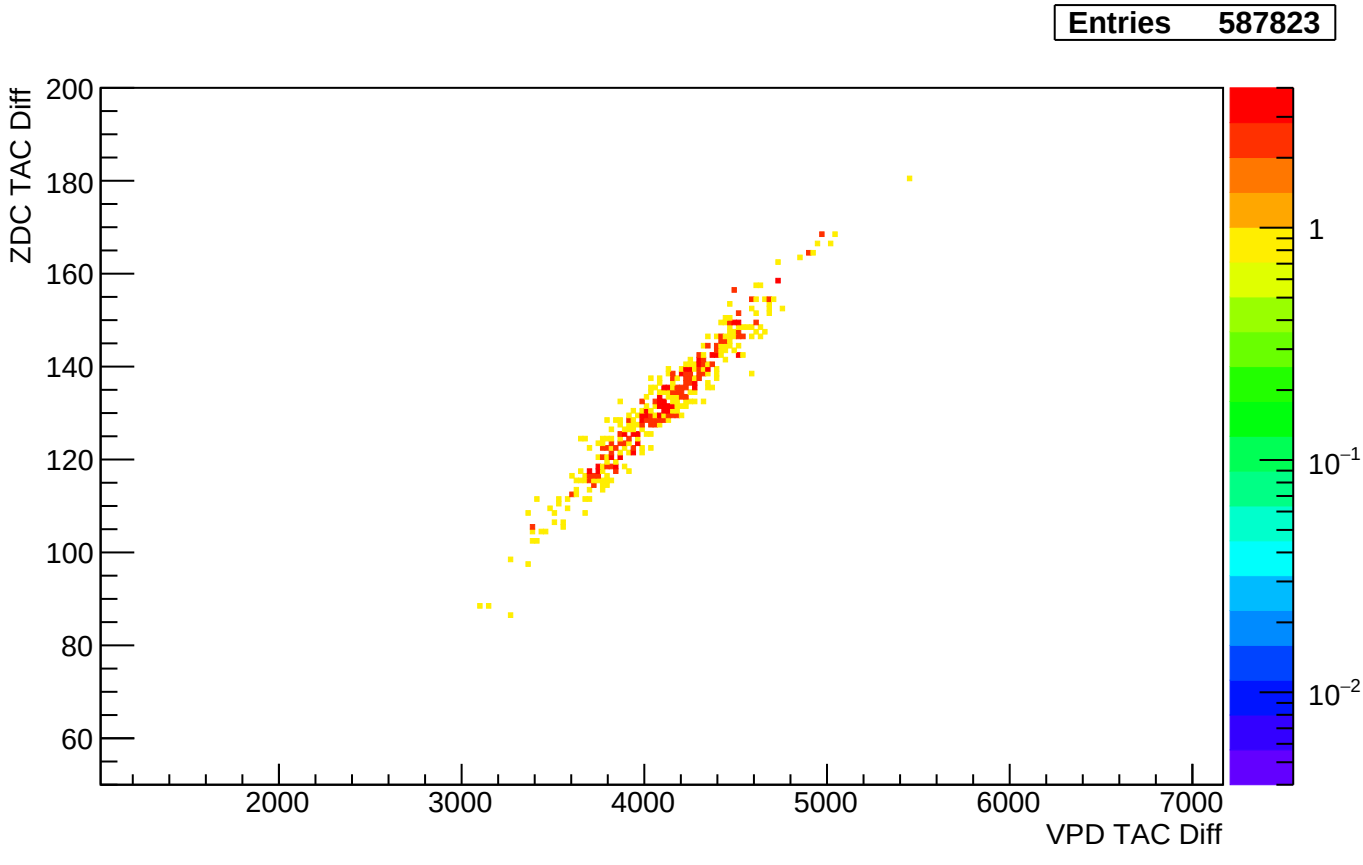

Entries 587823
TOF-Mult
EPD-East Hit Cnt

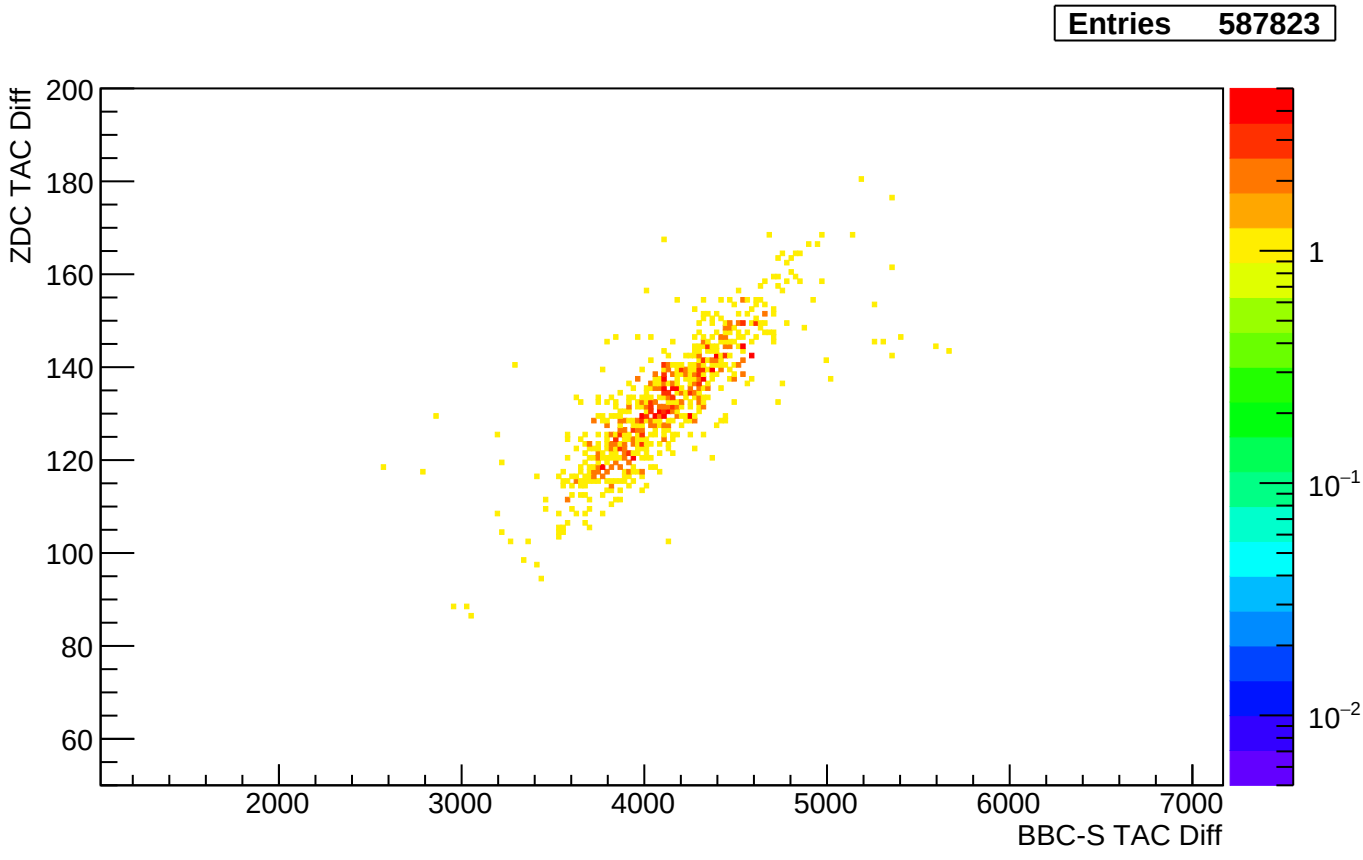

Entries 587823
TOF-Mult
EPD-West Hit Cnt

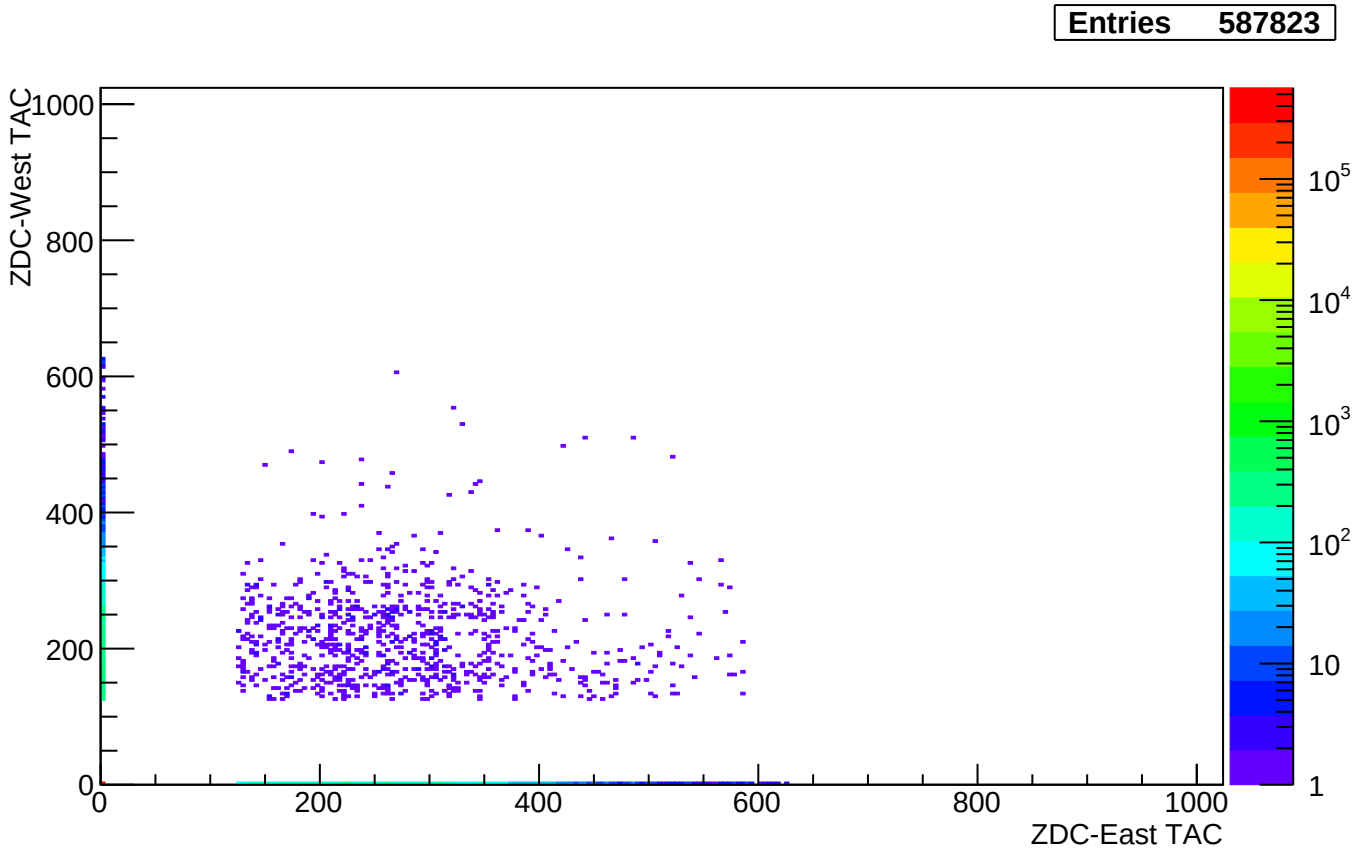

Entries 587823
TOF-Mult
VPD-East ADC Sum

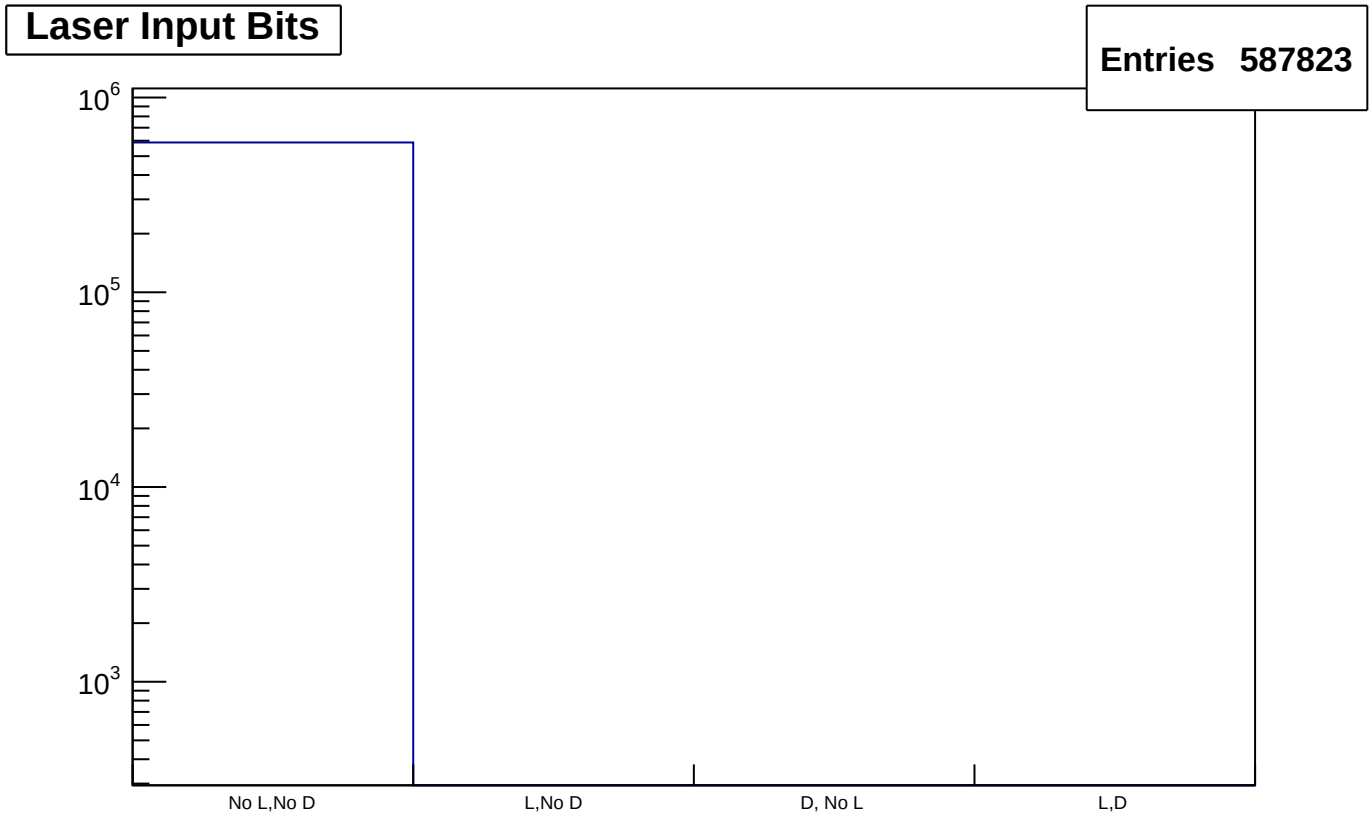

Entries 587823
TOF-Mult
VPD-West ADC Sum

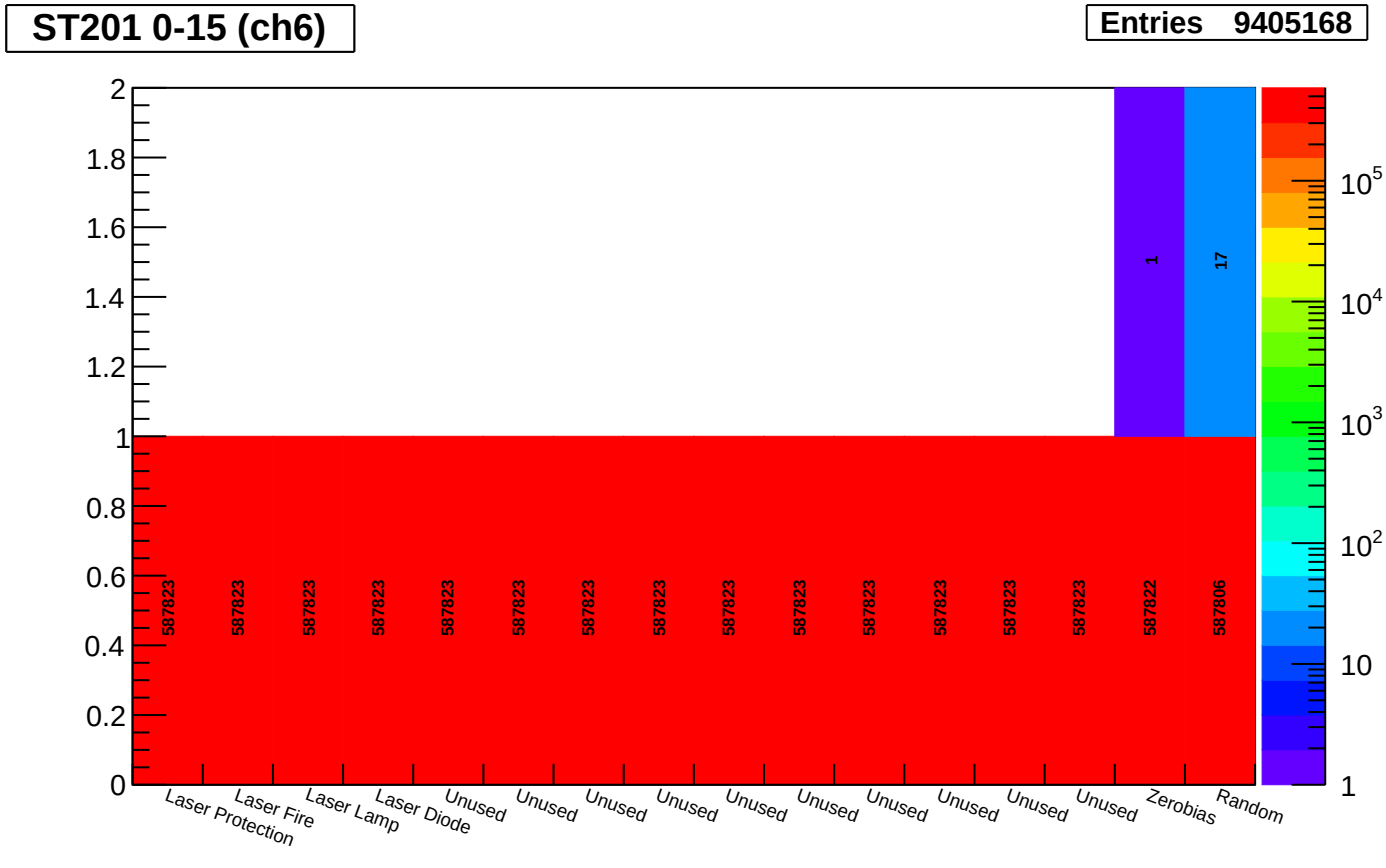

Entries 587823
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

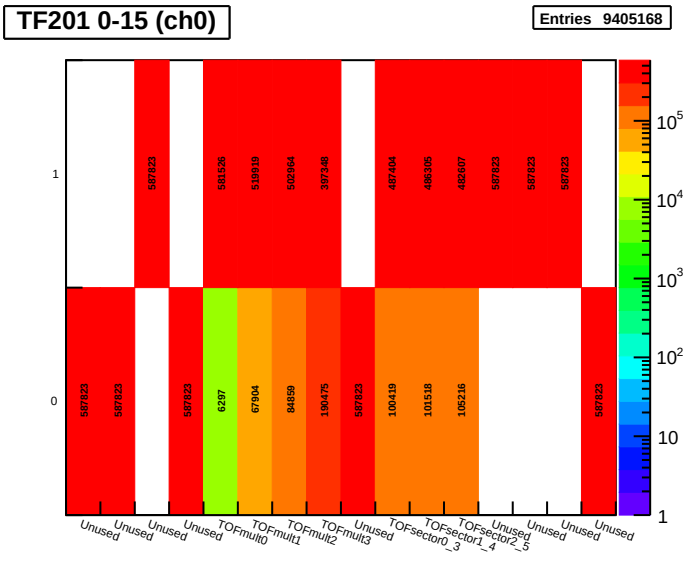

Entries 587823
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

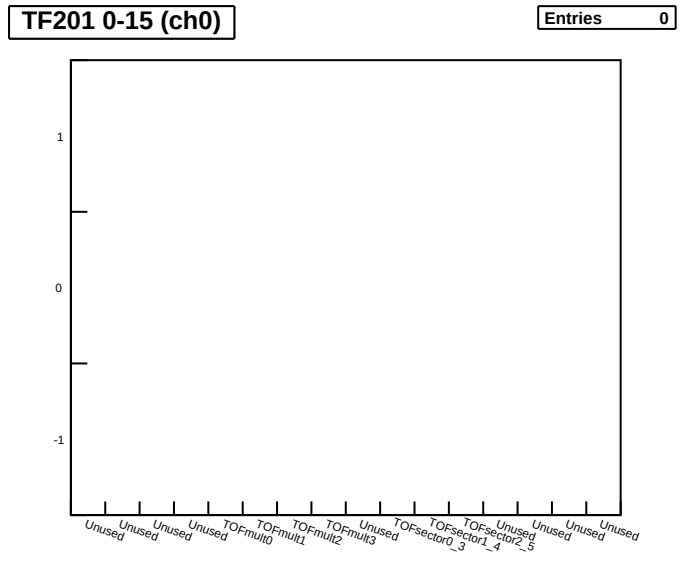

Entries 587823
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

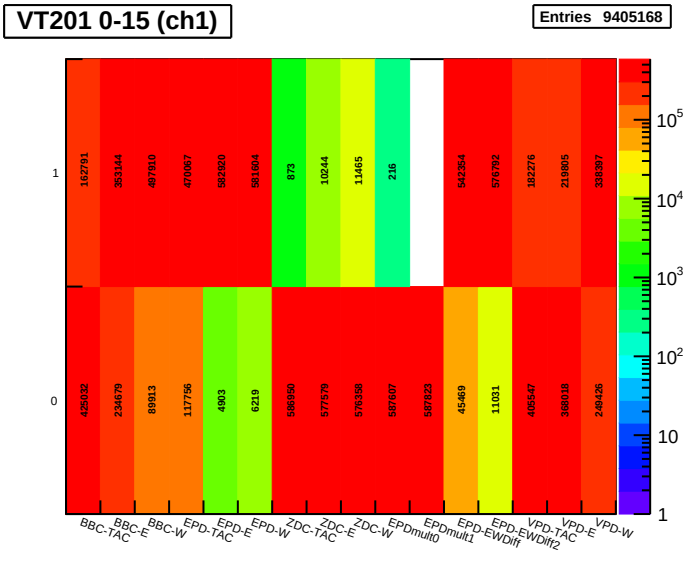

Entries 587823
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

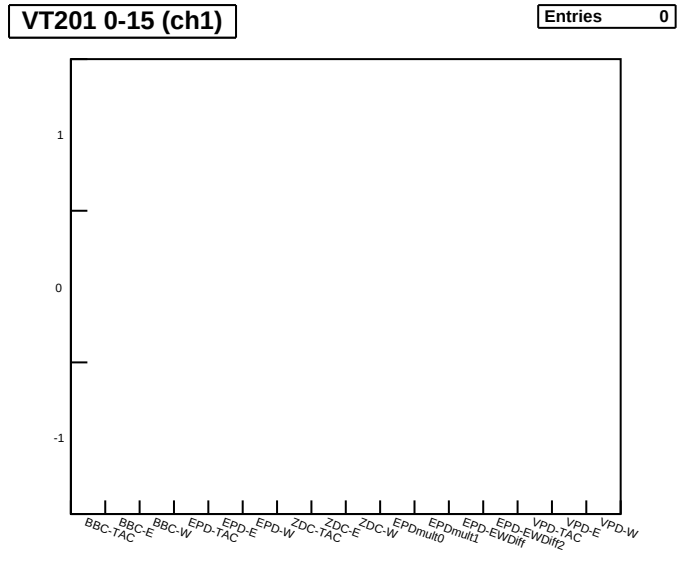

Laser Input Bits
Entries 587823
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

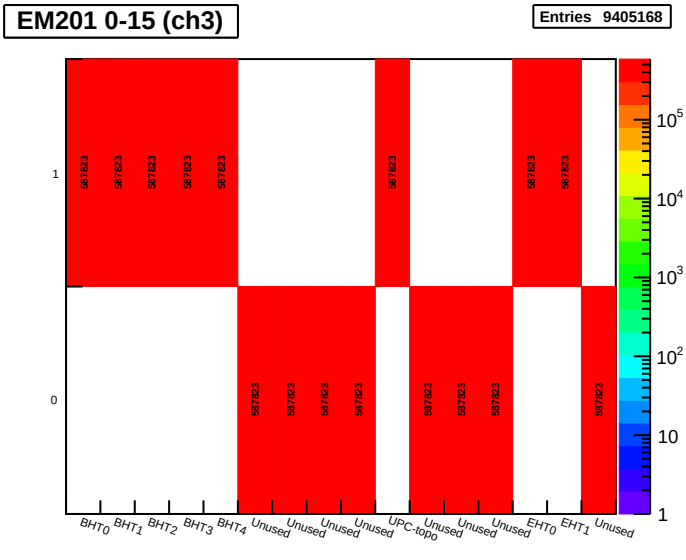

ST201 0-15 (ch6)
Entries 9405168
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587822
587806
1
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

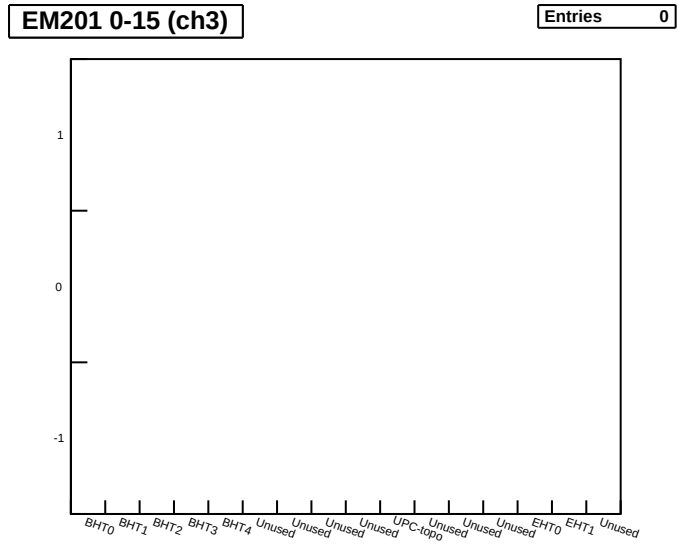

TF201 0-15 (ch0)
Entries 9405168
1
0
587823
581526
539919
502964
397348
487404
486305
482607
587823
587823
587823
587823
587823
587823
587823
6297
67904
84859
190475
587823
100419
101518
105216
587823
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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


VT201 0-15 (ch1)
Entries 9405168
1
0
162791
353144
497910
470067
582820
581604
873
10244
11465
216
542354
576792
182276
219805
338397
425032
234679
89913
117756
4903
6219
586950
577579
576358
587607
587823
45469
11031
405547
368018
249426
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 9405168
1
0
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
587823
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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