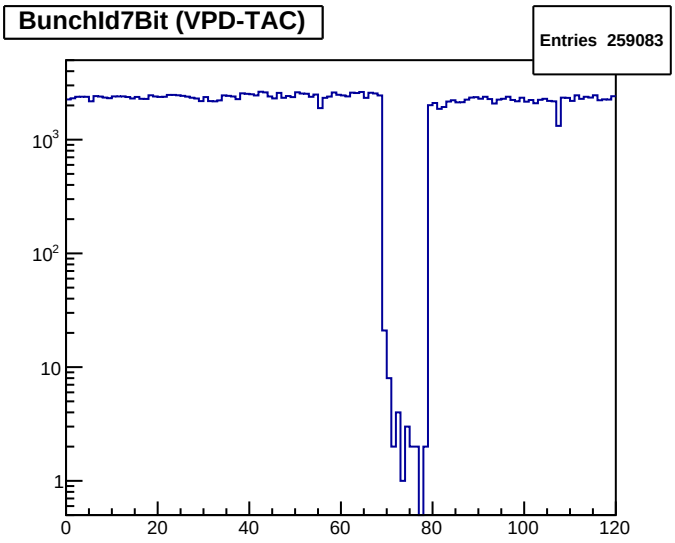
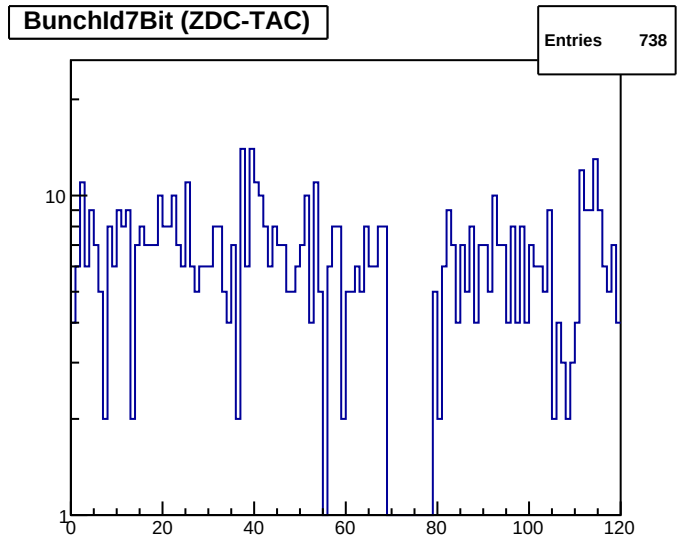
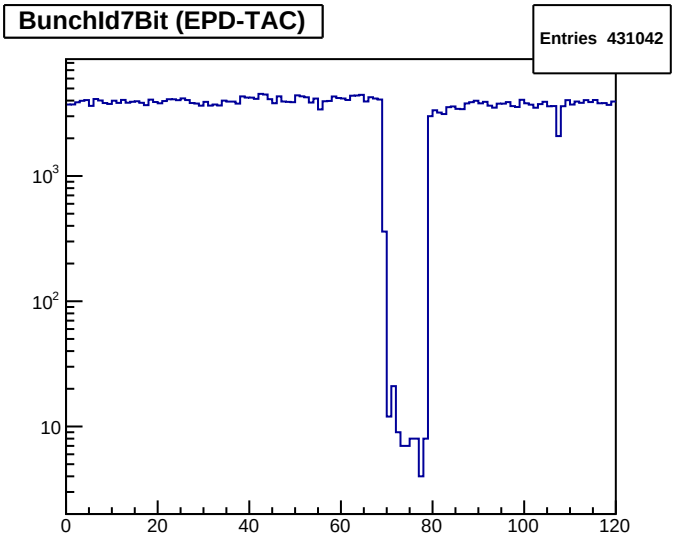
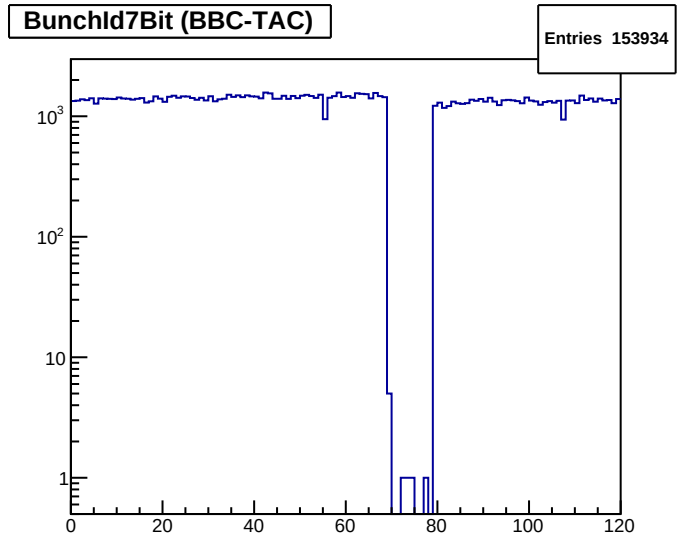
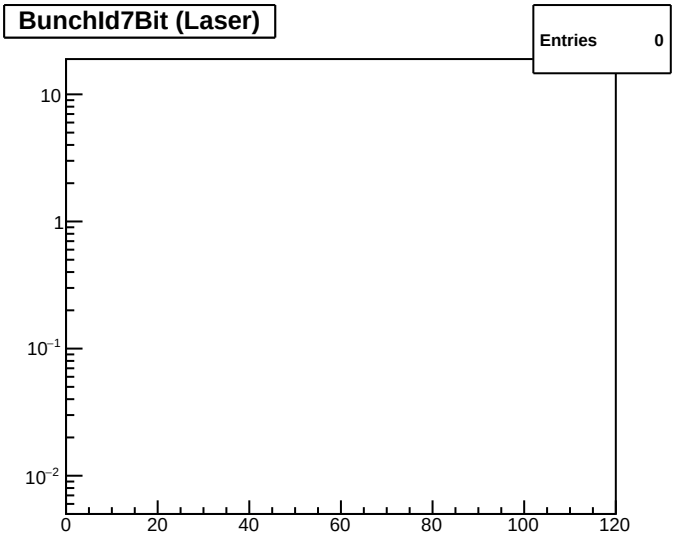
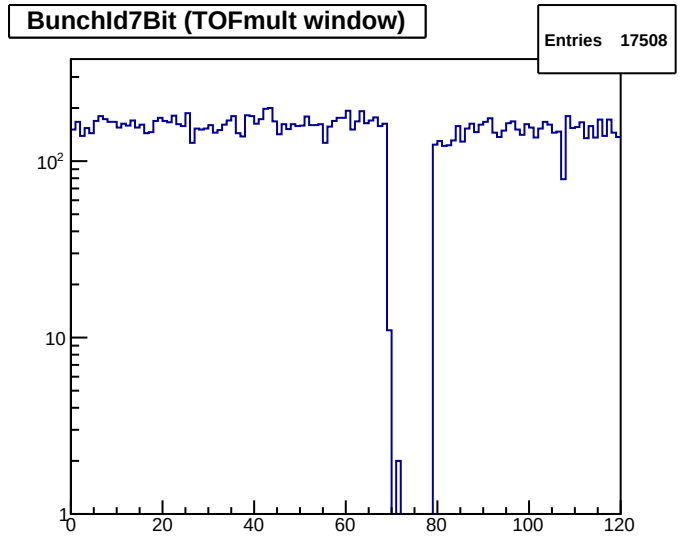

BunchId7Bit (VPD-TAC)
Entries 259083

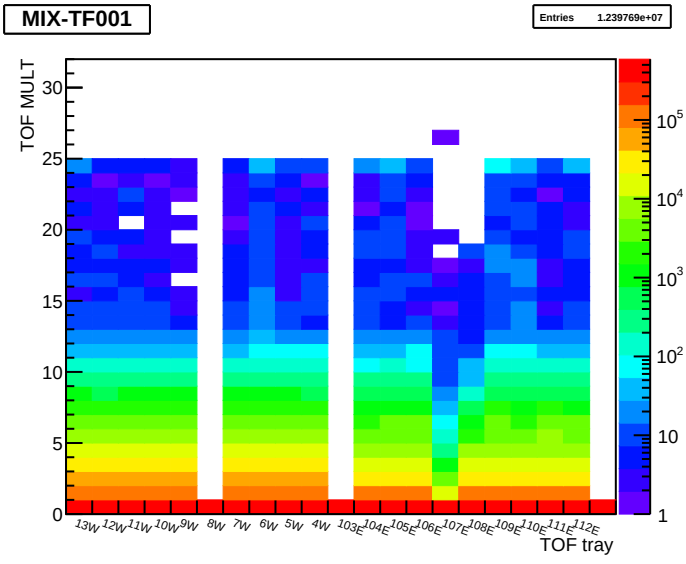

BunchId7Bit (ZDC-TAC)
Entries 738

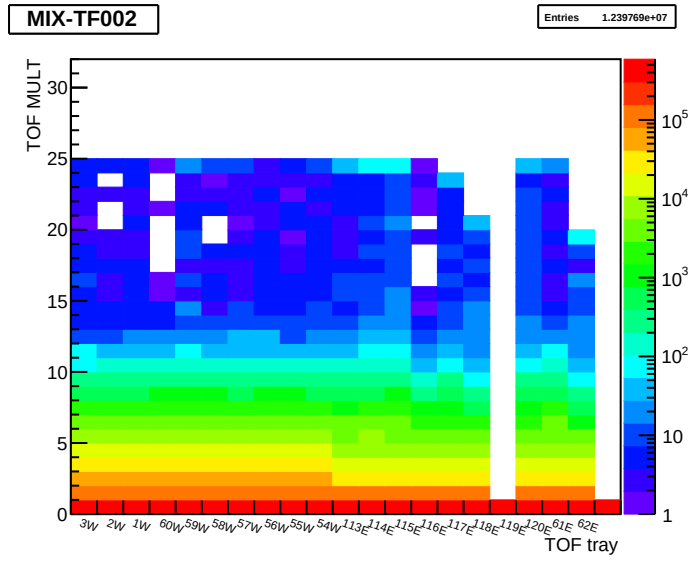

BunchId7Bit (EPD-TAC)
Entries 431042

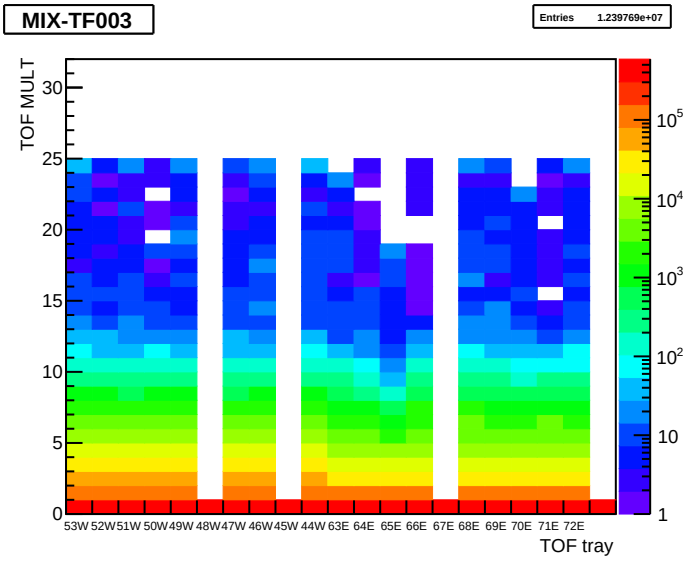

BunchId7Bit (BBC-TAC)
Entries 153934

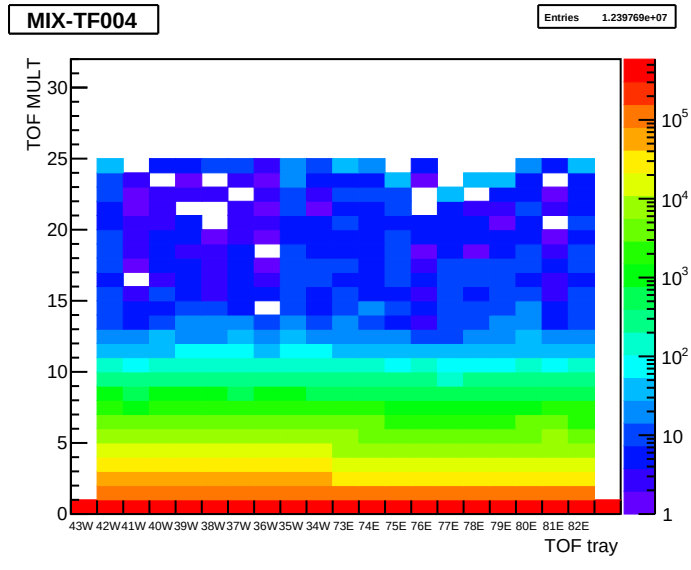

BunchId7Bit (Laser)
Entries 0

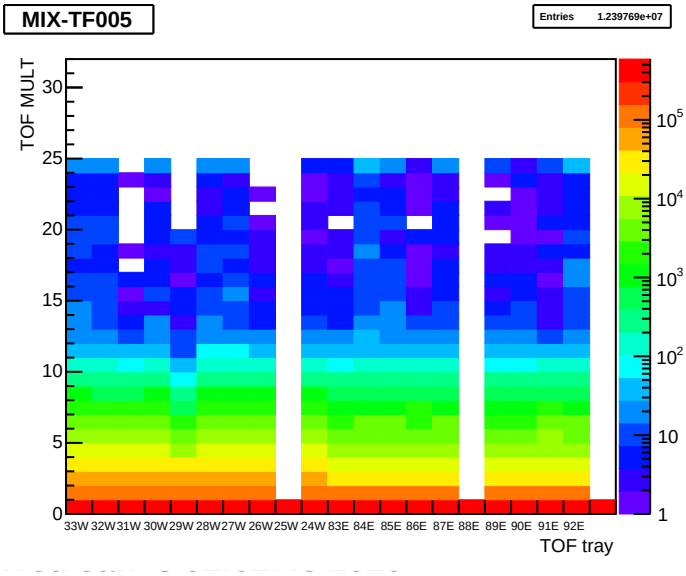

BunchId7Bit (TOFmult window)
Entries 17508

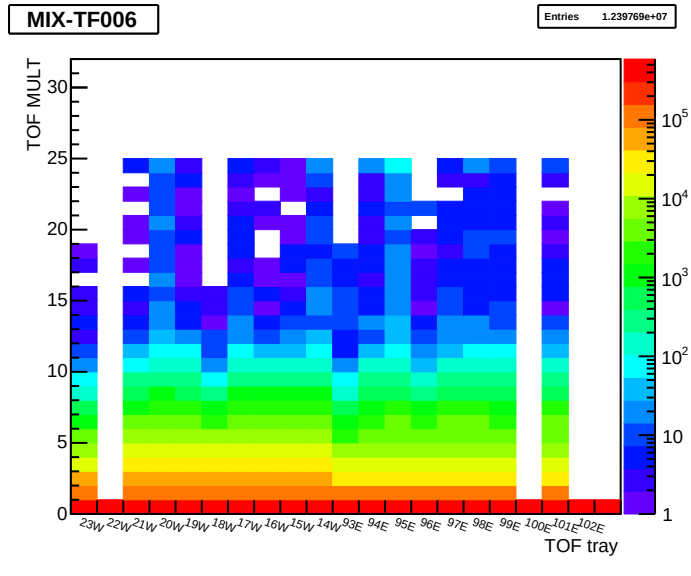

MIX-TF001
Entries 1.239769e+07
TOF MULT
TOF tray

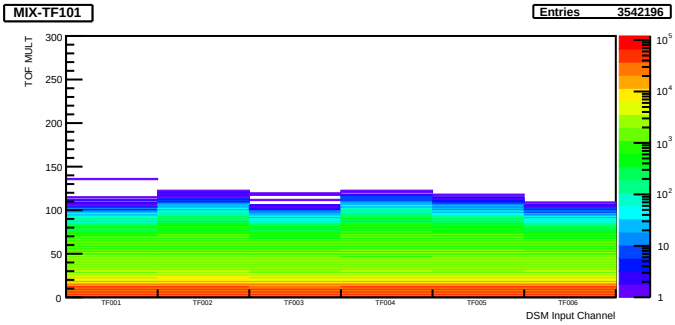

MIX-TF002
Entries 1.239769e+07
TOF MULT
TOF tray

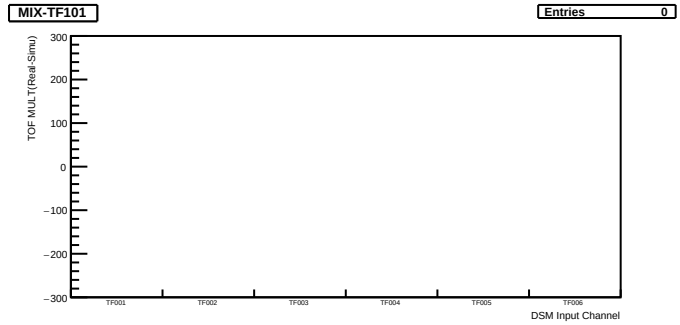

MIX-TF003
Entries 1.239769e+07
TOF MULT
TOF tray

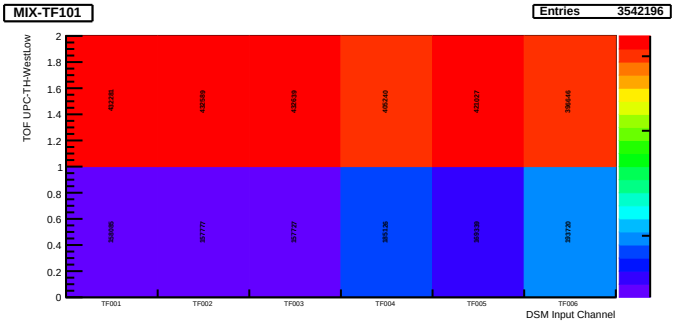

MIX-TF004
Entries 1.239769e+07
TOF MULT
TOF tray

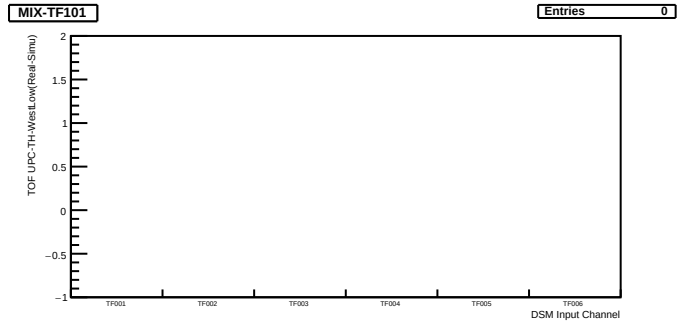

MIX-TF005
Entries 1.239769e+07
TOF MULT
TOF tray

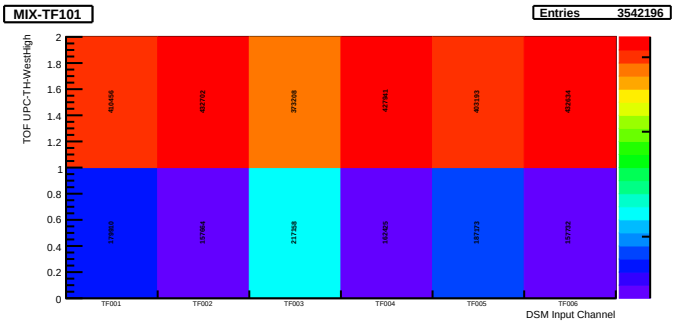

MIX-TF006
Entries 1.239769e+07
TOF MULT
TOF tray

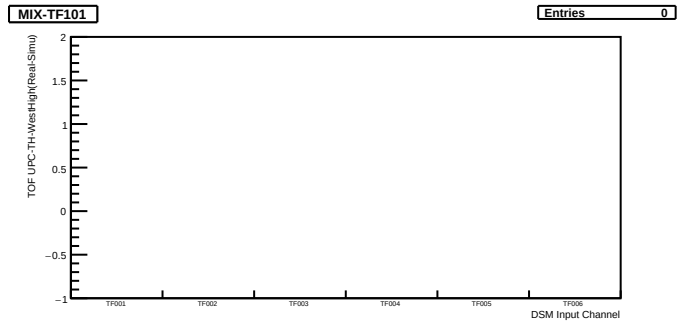

MIX-TF101
Entries 3542196
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

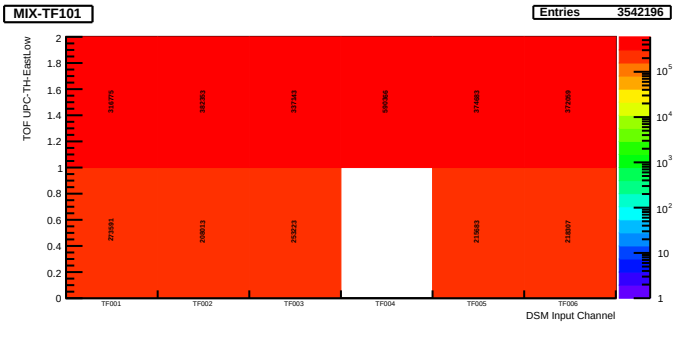

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

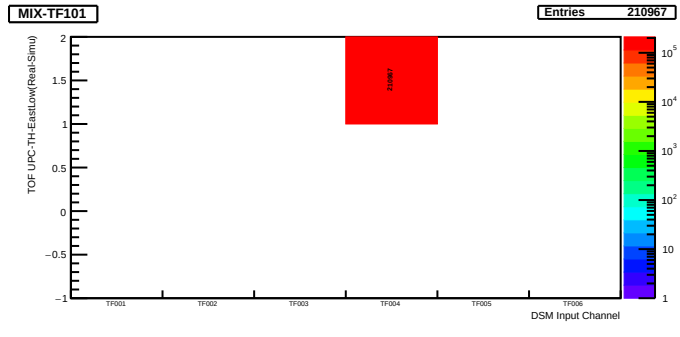

MIX-TF101
Entries 3542196
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

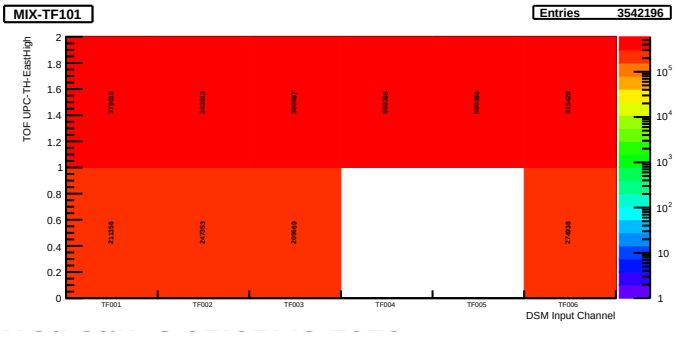

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

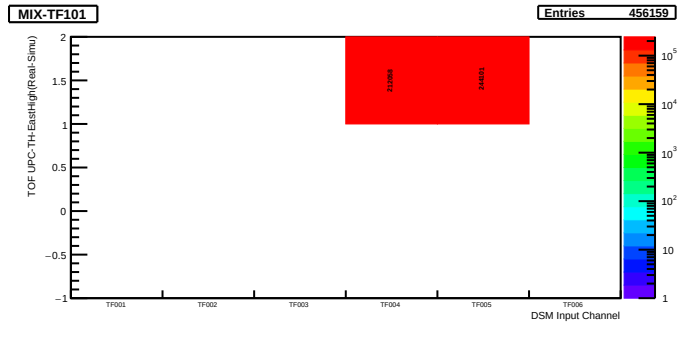

MIX-TF101
Entries 3542196
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

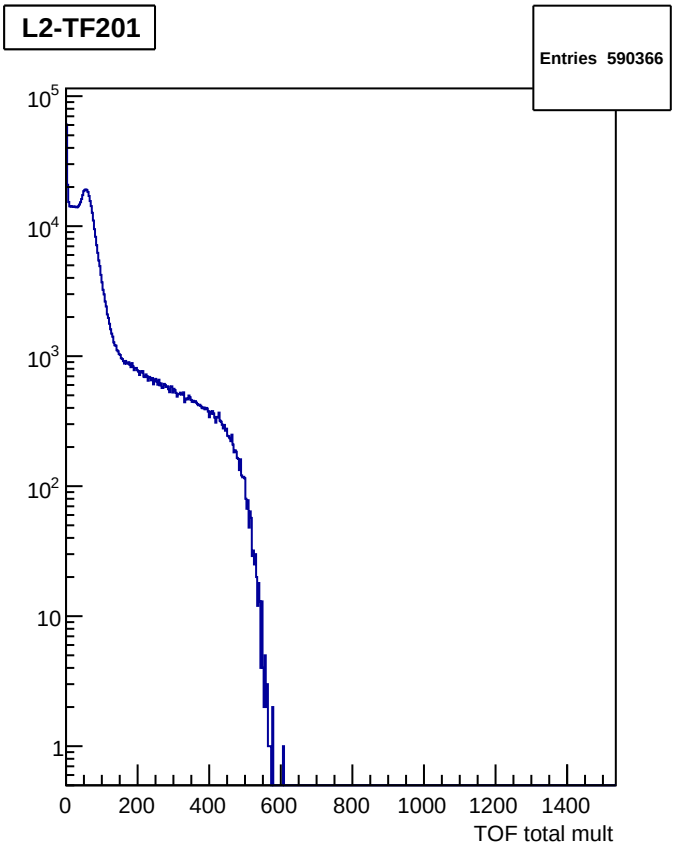

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

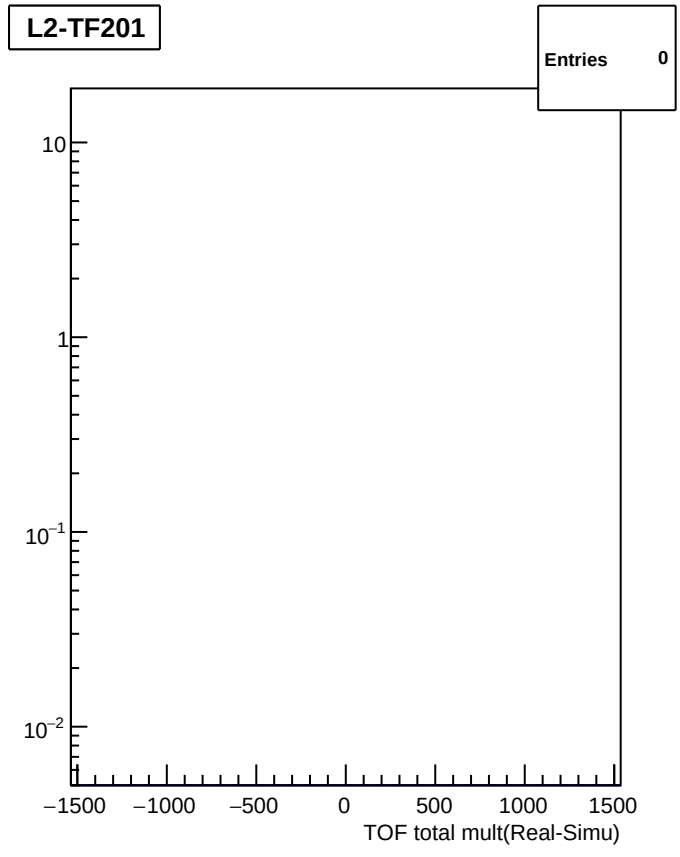

MIX-TF101
Entries 3542196
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

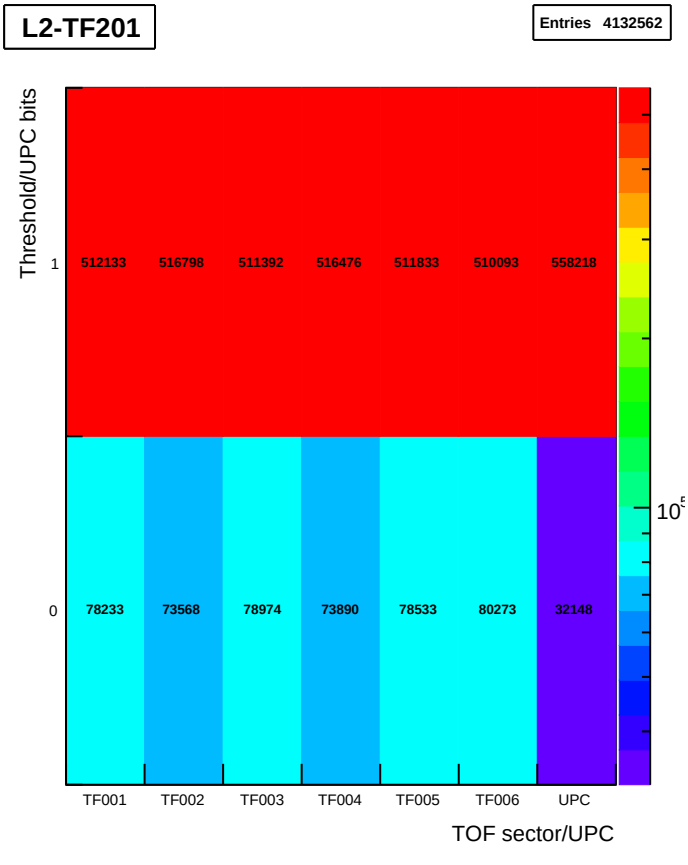

MIX-TF101
Entries 210967
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

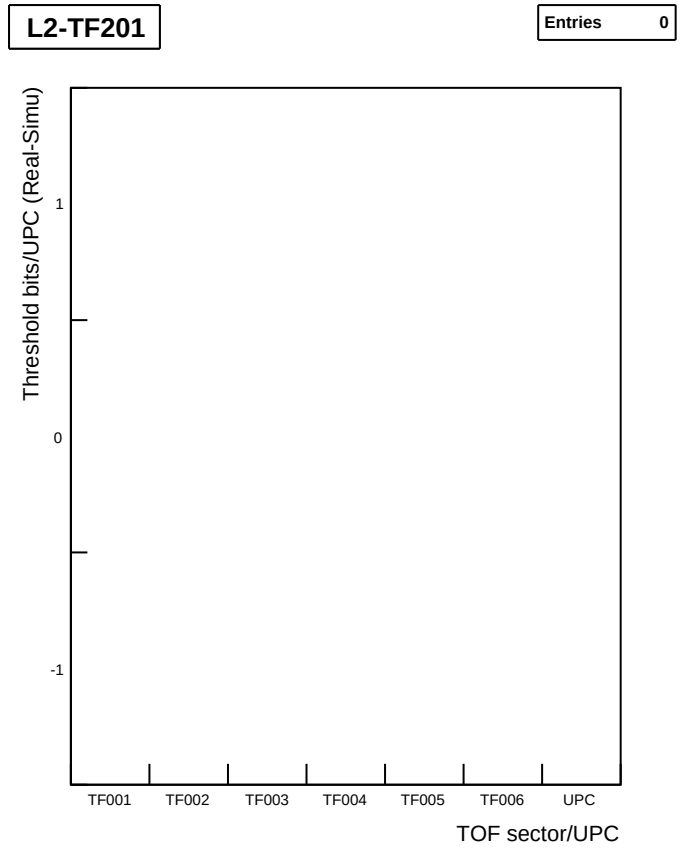

MIX-TF101
Entries 3542196
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

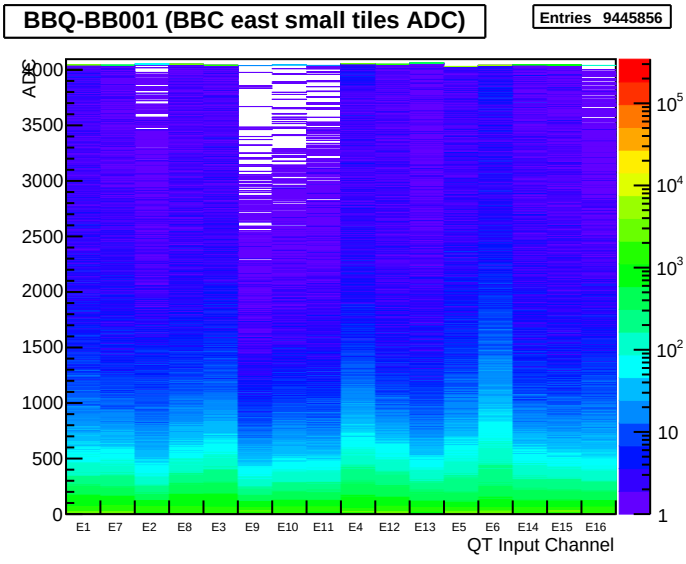

MIX-TF101
Entries 456159
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

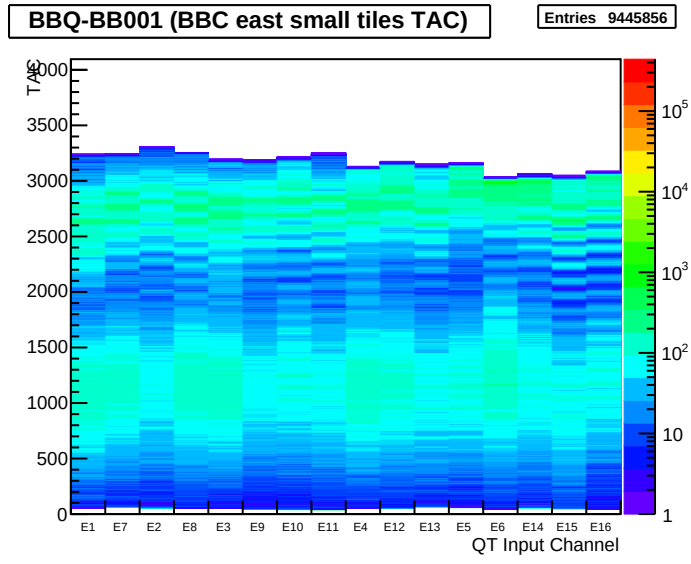

L2-TF201
Entries 590366
TOF total mult

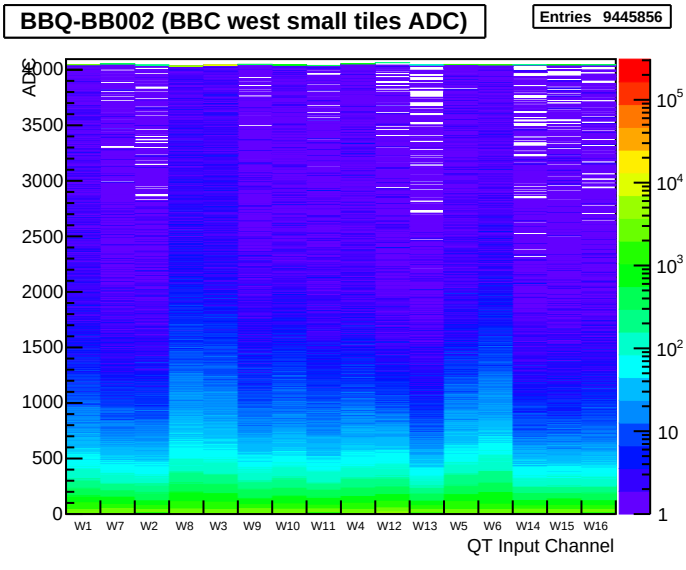

L2-TF201
Entries 0
TOF total mult(Real-Simu)

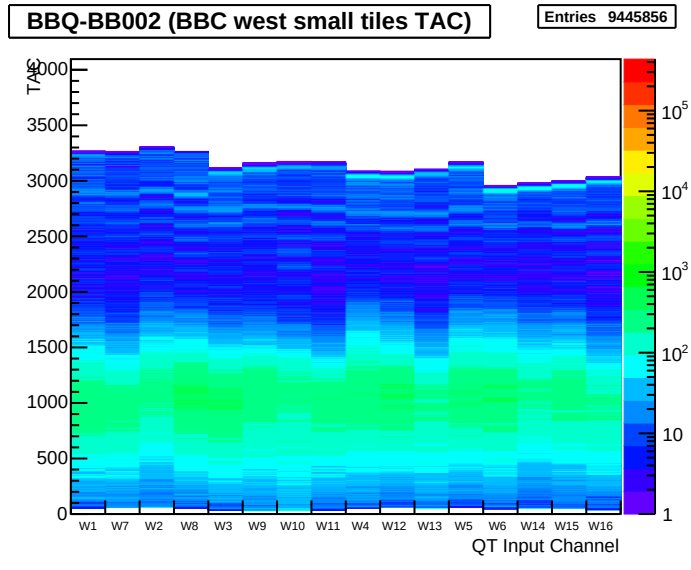

L2-TF201
Entries 4132562
Threshold/UPC bits
512133
516798
511392
516476
511833
510093
558218
78233
73568
78974
73890
78533
80273
32148
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

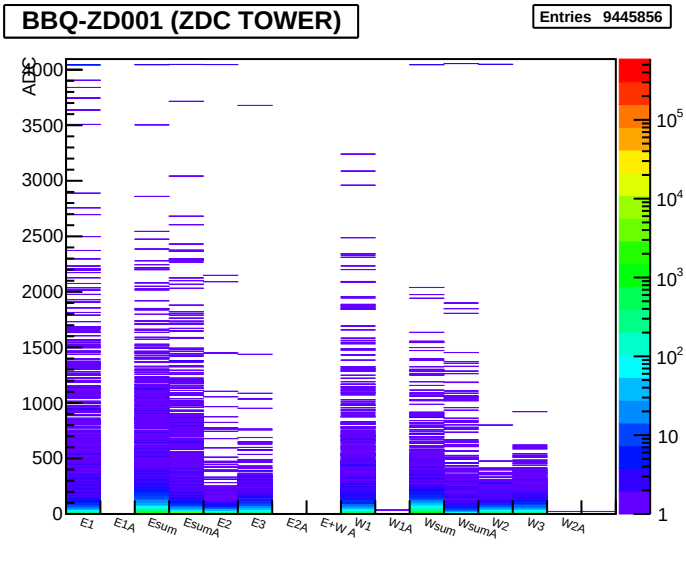

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

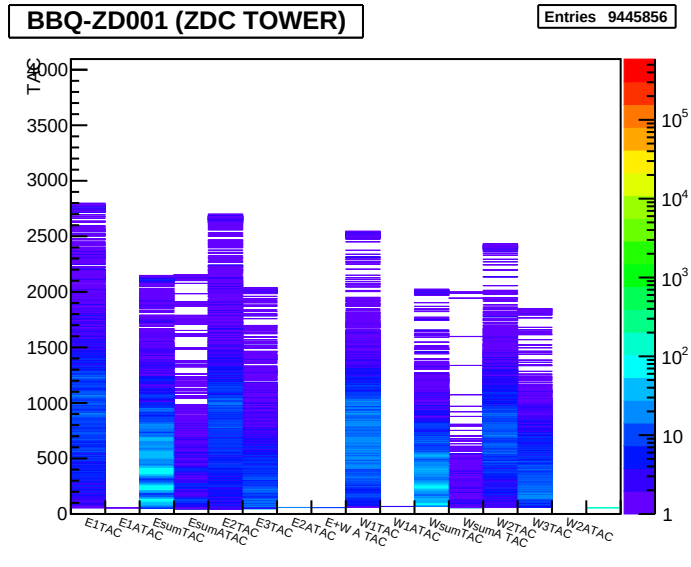

BBQ-BB001 (BBC east small tiles ADC)
Entries 9445856
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

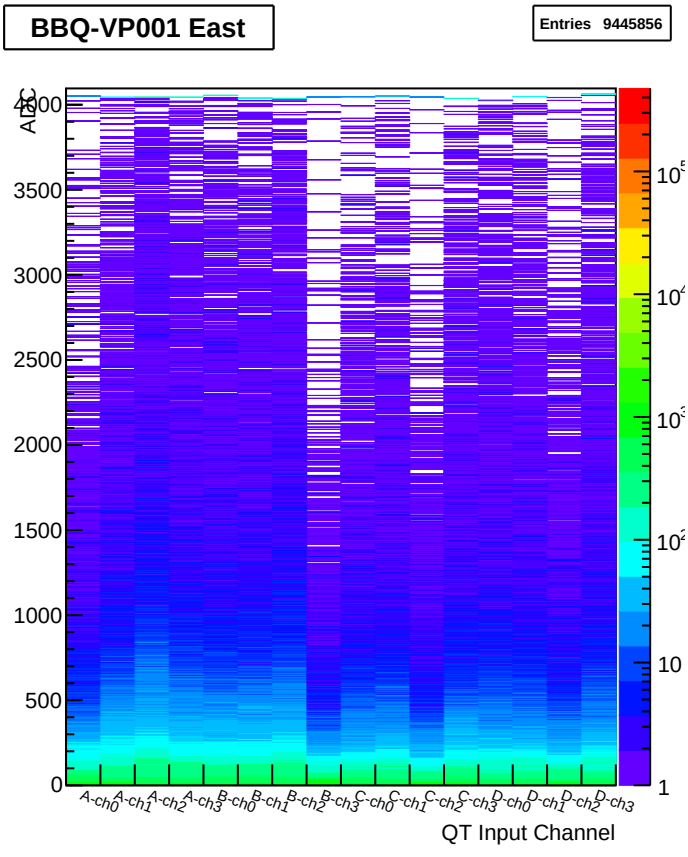

BBQ-BB001 (BBC east small tiles TAC)
Entries 9445856
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

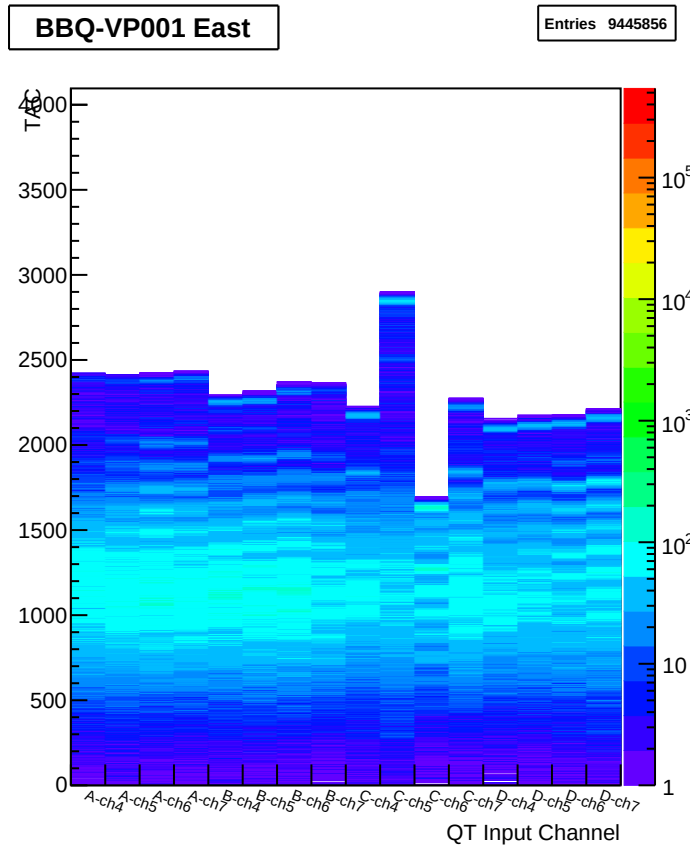

BBQ-BB002 (BBC west small tiles ADC)
Entries 9445856
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

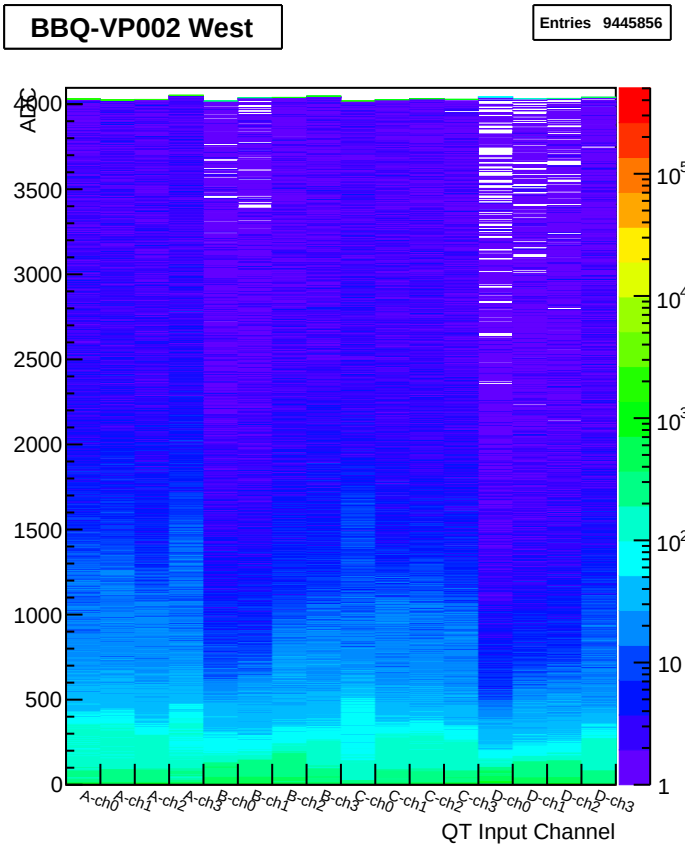

BBQ-BB002 (BBC west small tiles TAC)
Entries 9445856
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

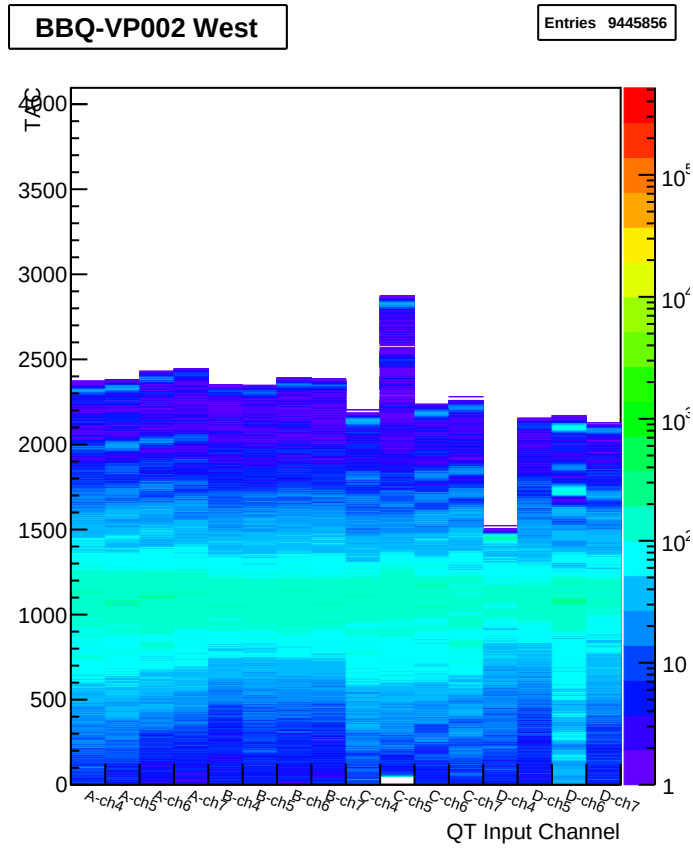

BBQ-ZD001 (ZDC TOWER)
Entries 9445856
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

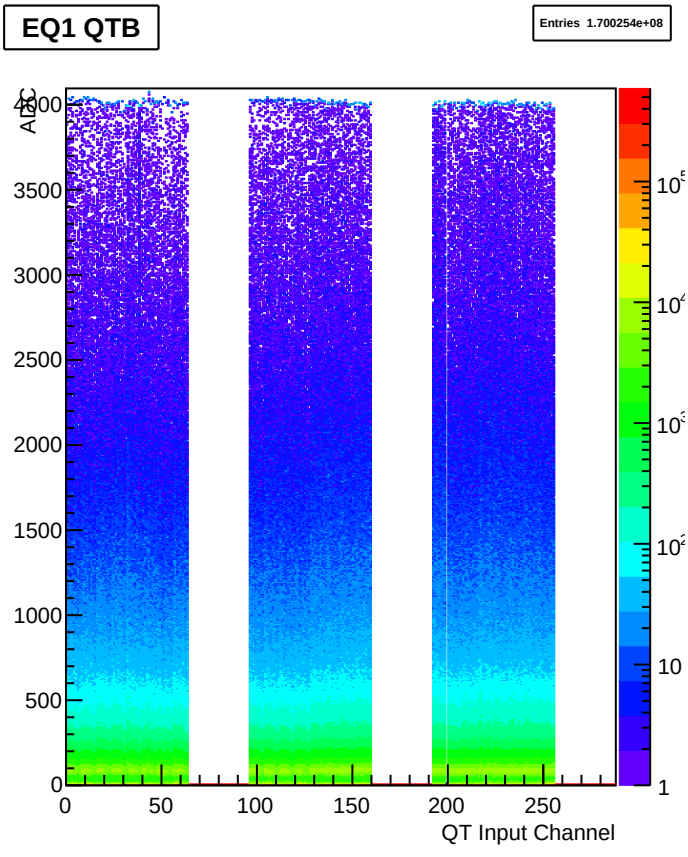

BBQ-ZD001 (ZDC TOWER)
Entries 9445856
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

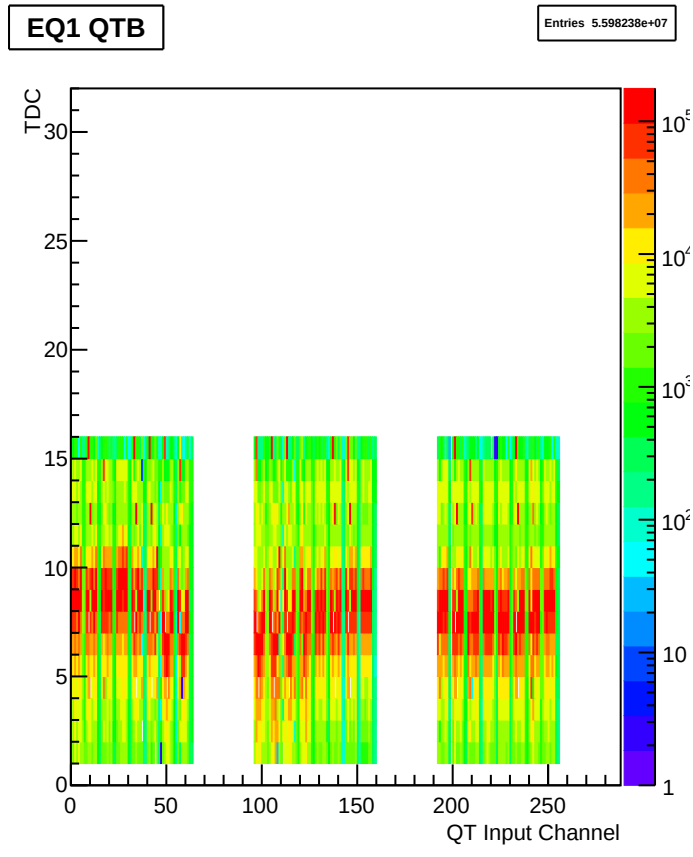

BBQ-VP001 East
Entries 9445856
ADC
QT Input Channel

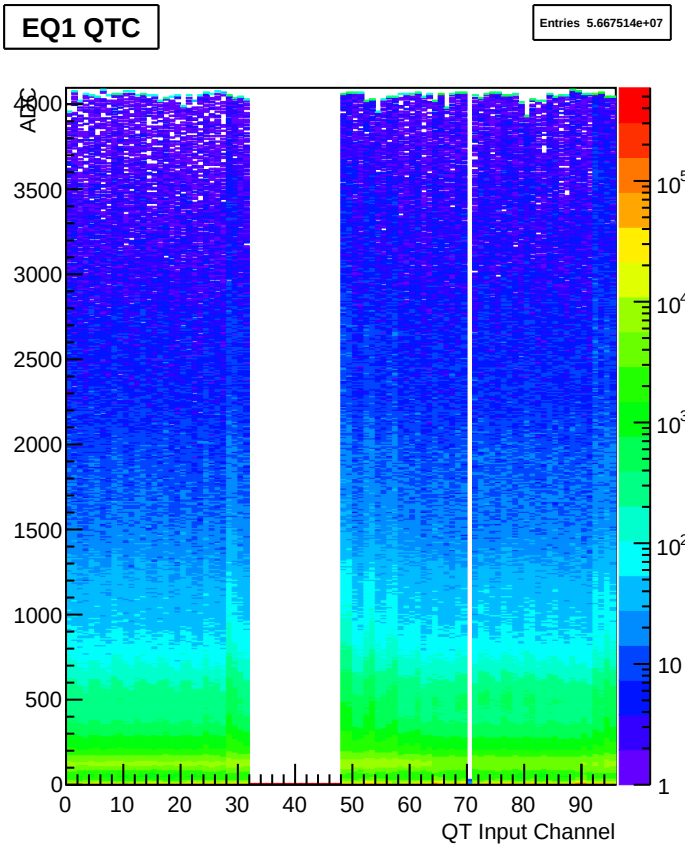

BBQ-VP001 East
Entries 9445856
ADC
QT Input Channel

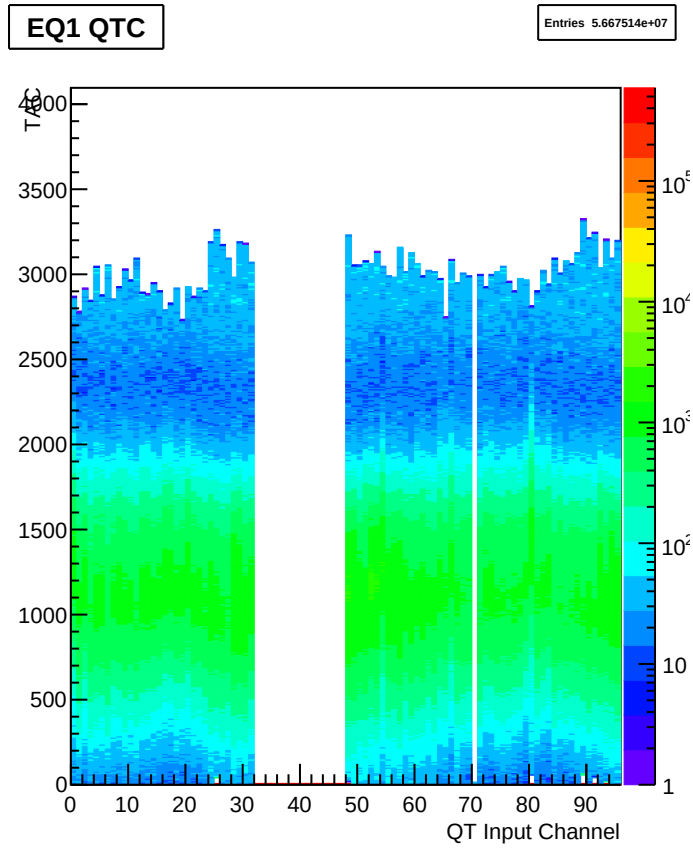

BBQ-VP002 West
Entries 9445856
ADC
QT Input Channel

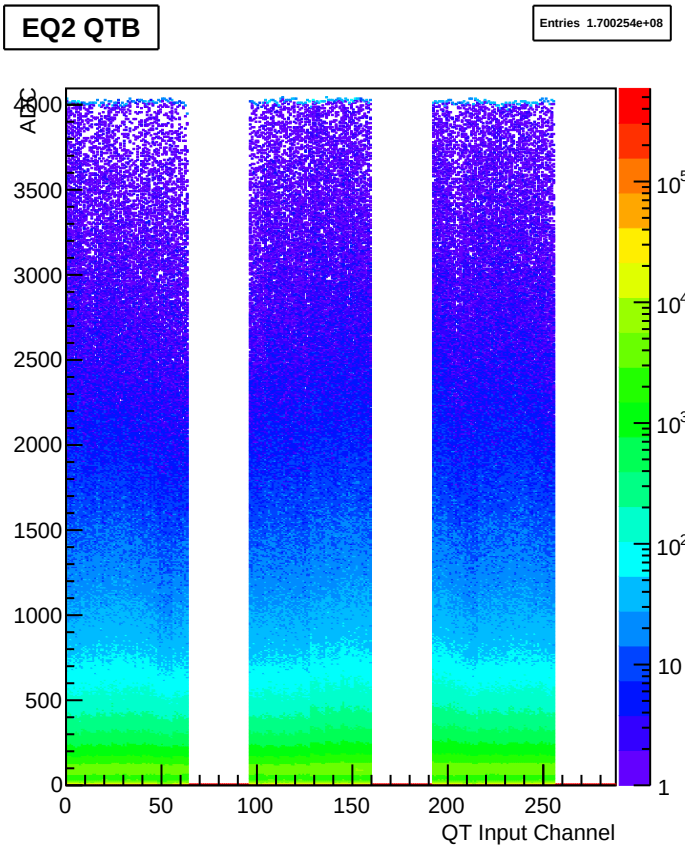

BBQ-VP002 West
Entries 9445856
ADC
QT Input Channel

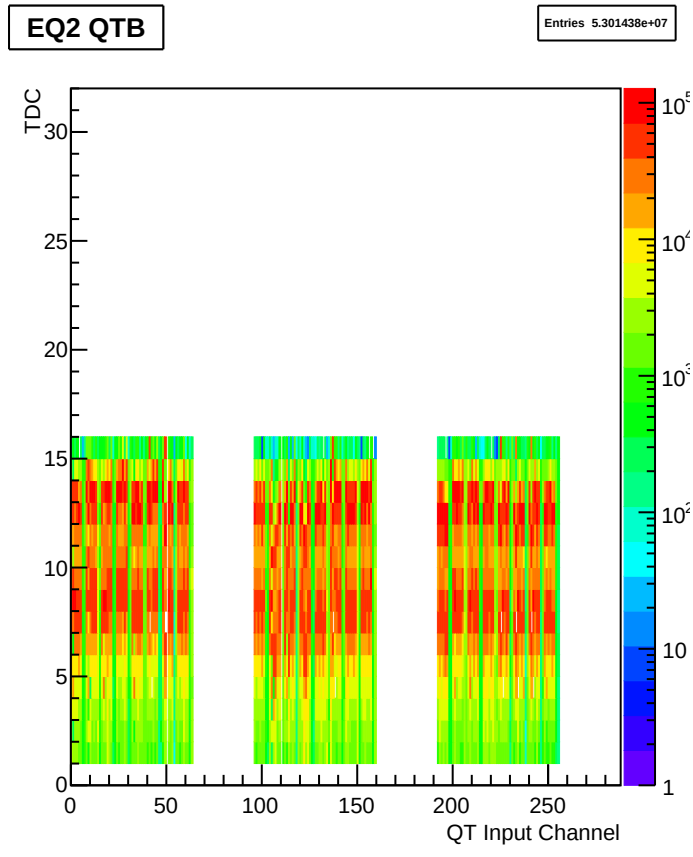

EQ1 QTB
Entries 1.700254e+08
ADC
QT Input Channel

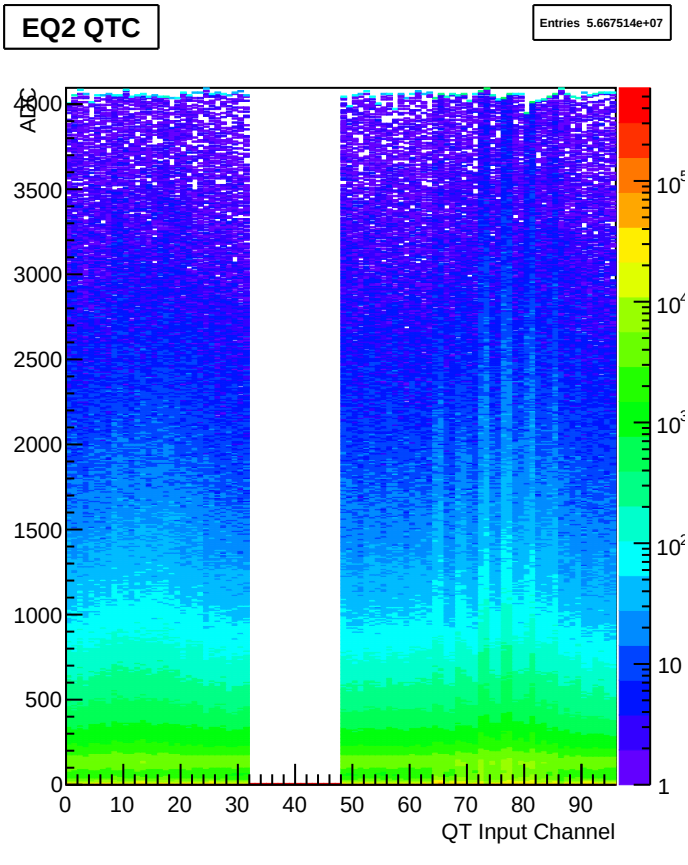

EQ1 QTB
Entries 5.598238e+07
TDC
QT Input Channel

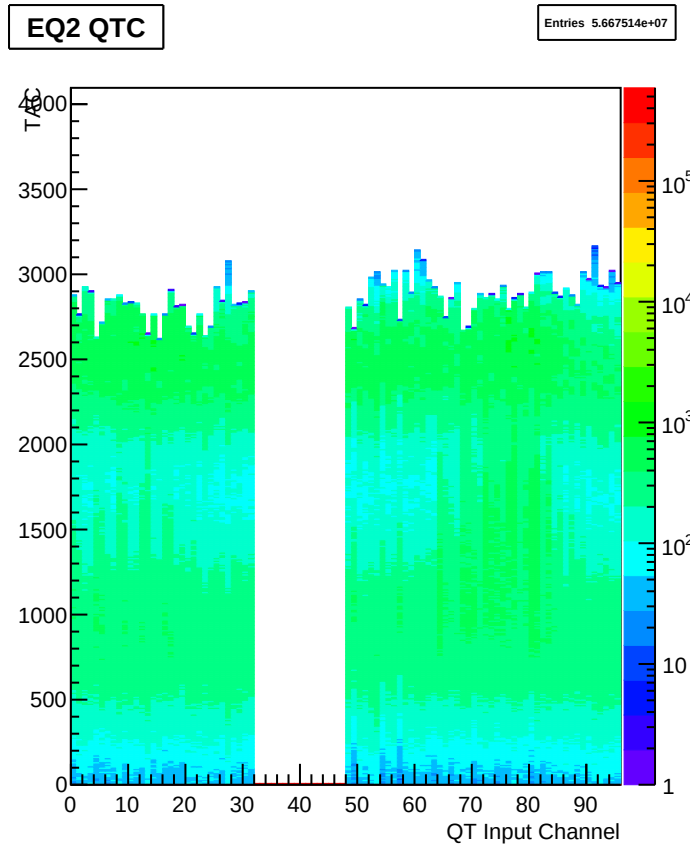

EQ1 QTC
Entries 5.667514e+07
ADC
QT Input Channel

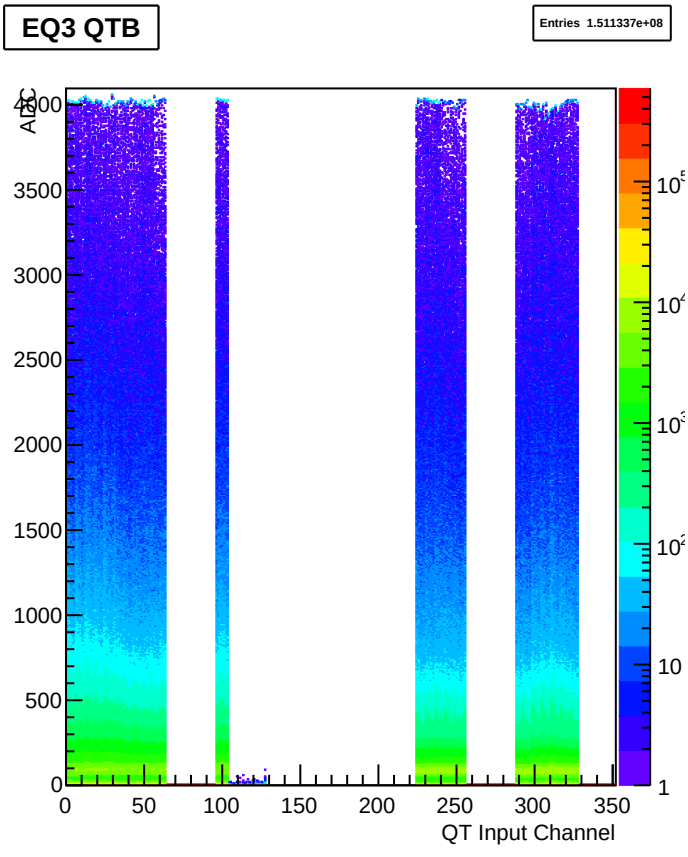

EQ1 QTC
Entries 5.667514e+07
TADC
QT Input Channel

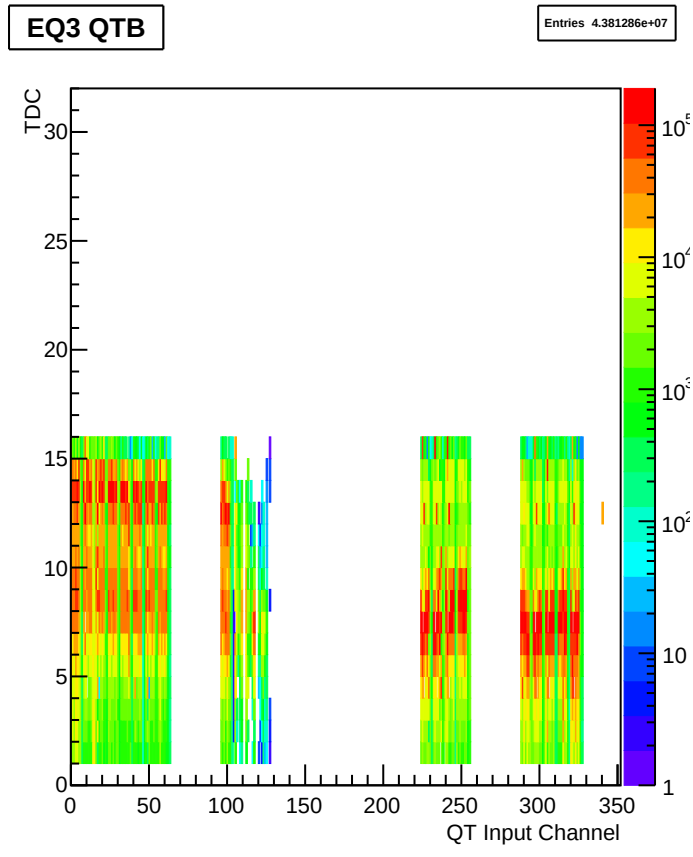

EQ2 QTB
Entries 1.700254e+08
ADC
QT Input Channel

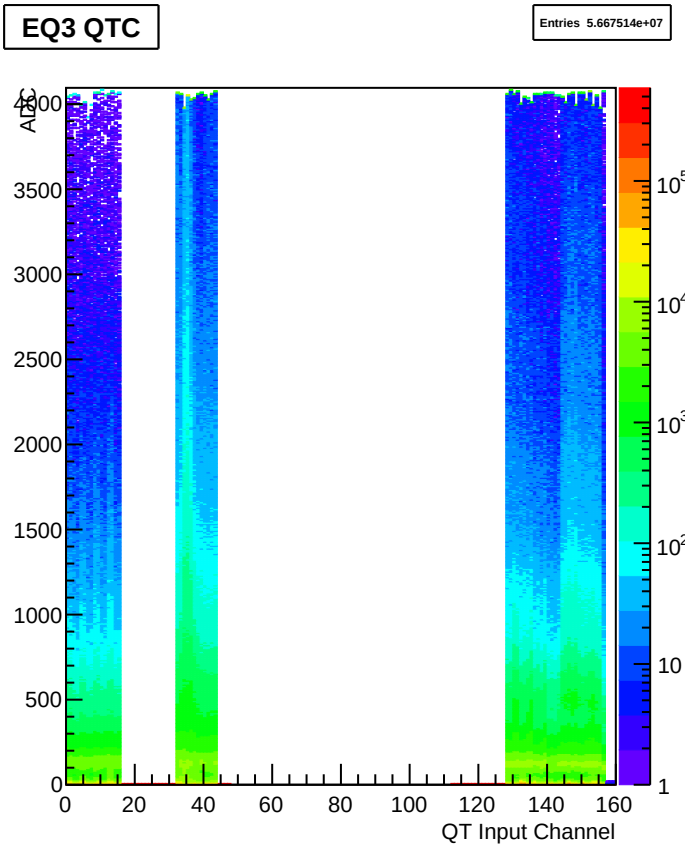

EQ2 QTB
Entries 5.301438e+07
TDC
QT Input Channel

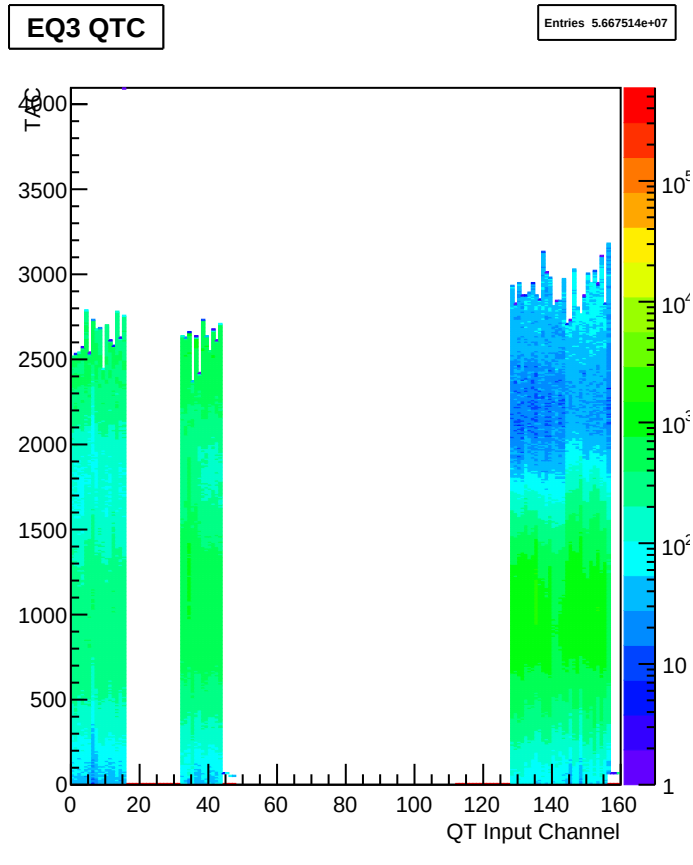

EQ2 QTC
Entries 5.667514e+07
ADC
QT Input Channel

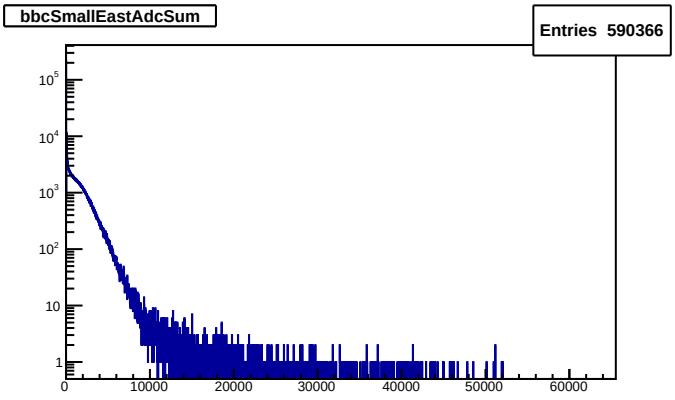

EQ2 QTC
Entries 5.667514e+07
TADC
QT Input Channel

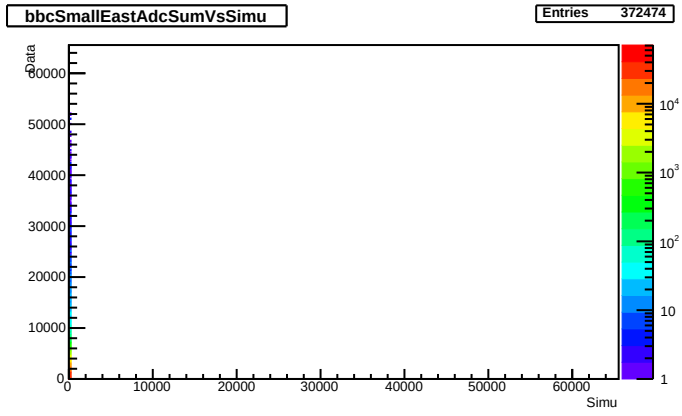

EQ3 QTB
Entries 1.511337e+08
ADC
QT Input Channel

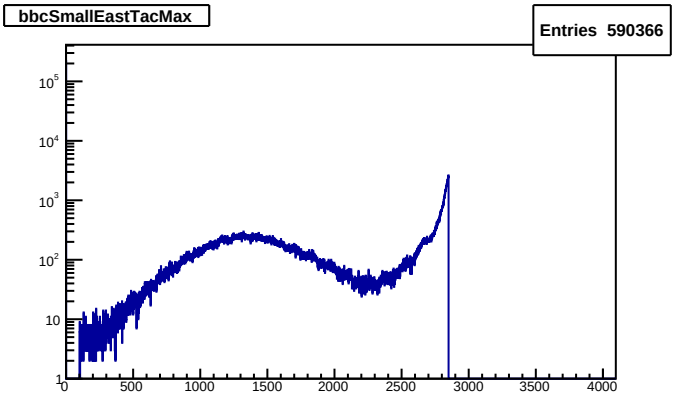

EQ3 QTB
Entries 4.381286e+07
TDC
QT Input Channel

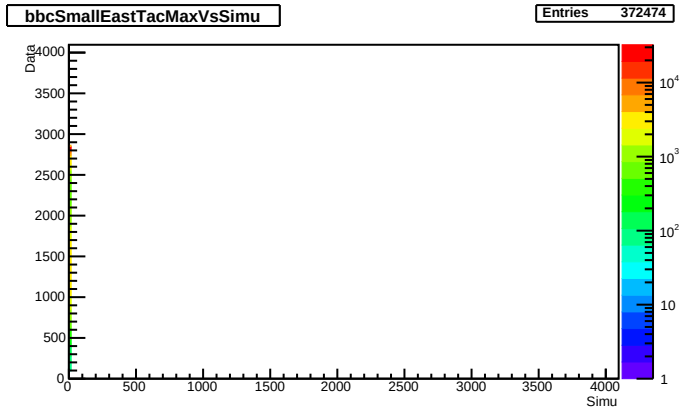

EQ3 QTC
Entries 5.667514e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.667514e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 590366


bbcSmallEastAdcSumVsSimu
Entries 372474
Data
Simu


bbcSmallEastTacMax
Entries 590366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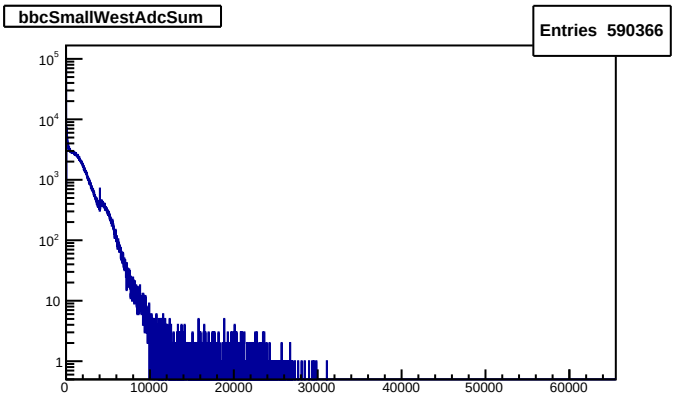
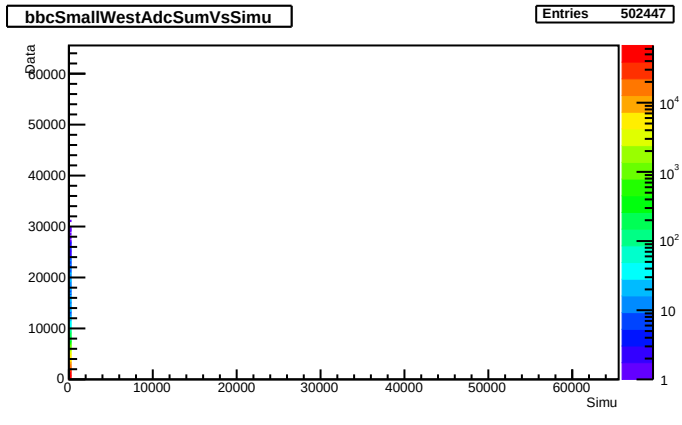
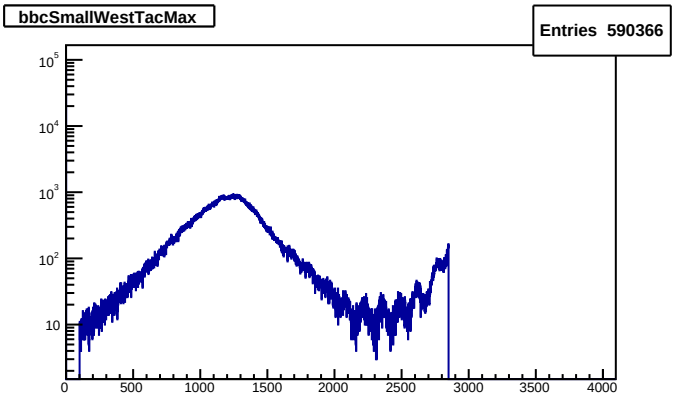
Entries 372474
Data
Simu


bbcSmallWestAdcSum
Entries 590366


bbcSmallWestAdcSumVsSimu
Entries 502447
Data
Simu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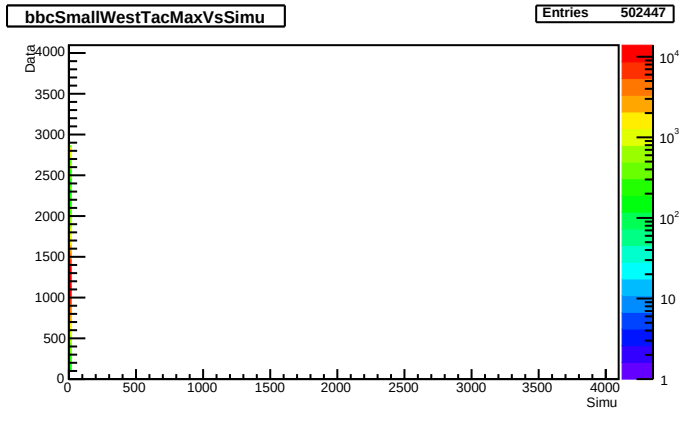
Entries 590366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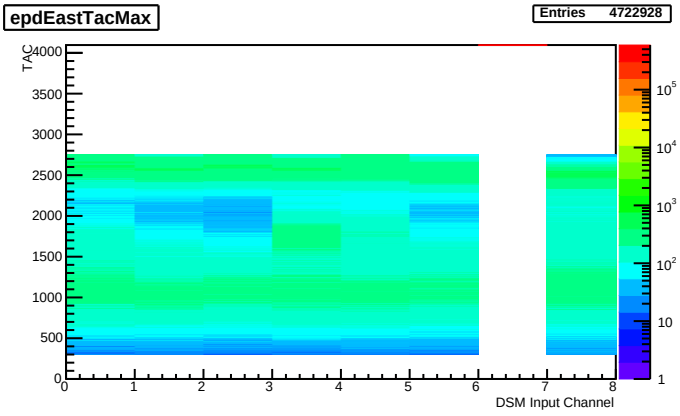
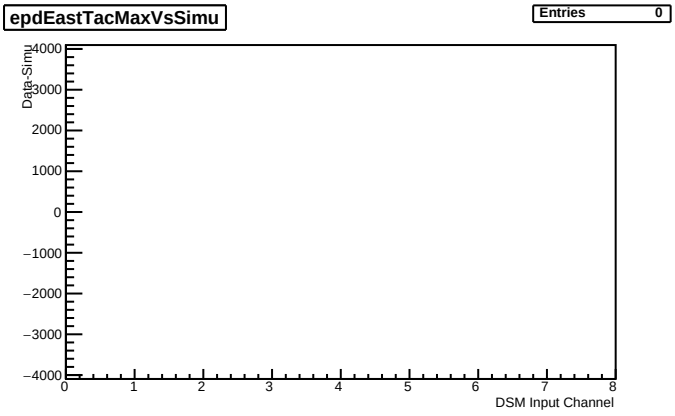
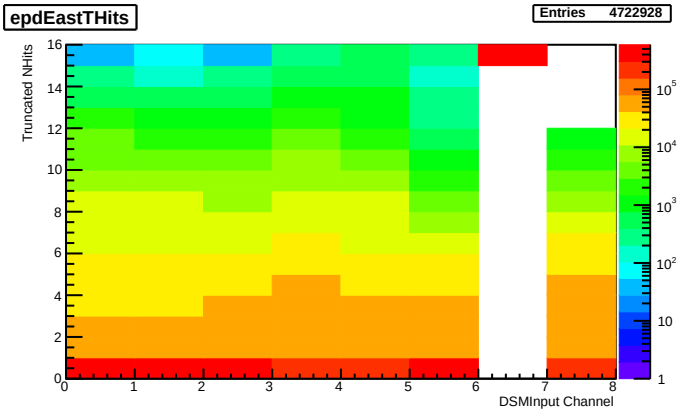
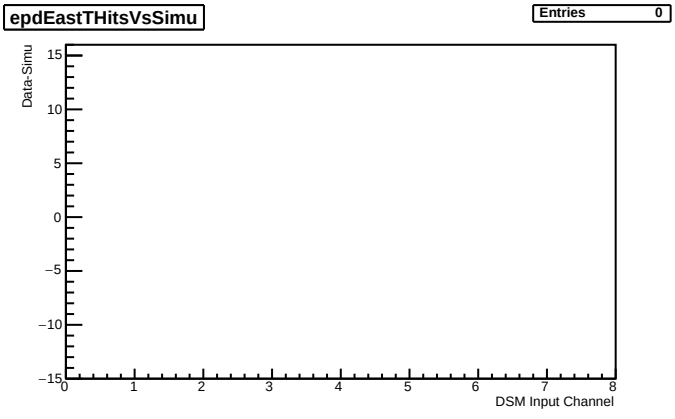
Entries 502447
Data
Simu


epdEastTacMax
Entries 4722928
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4722928
Truncated NHits
DSMInput Channel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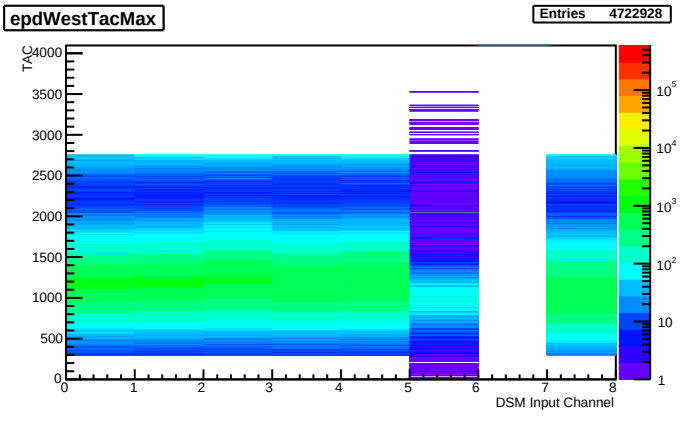
Entries 0
Data-Simu
DSM Input Channel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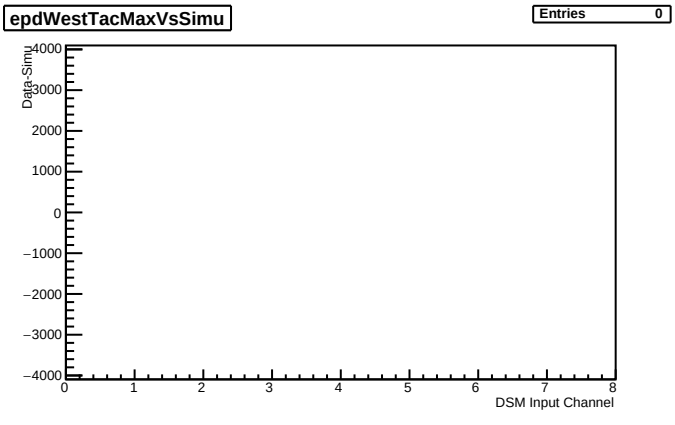
Entries 4722928
TAC
DSM Input Channel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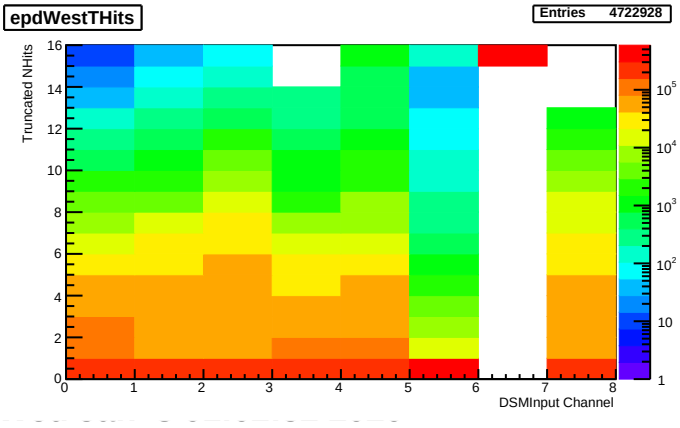
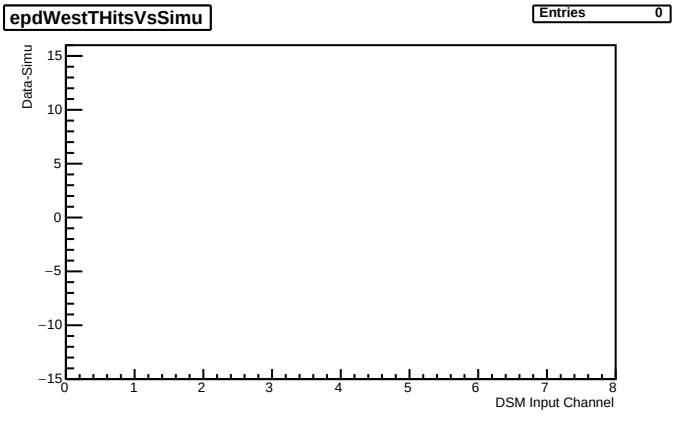
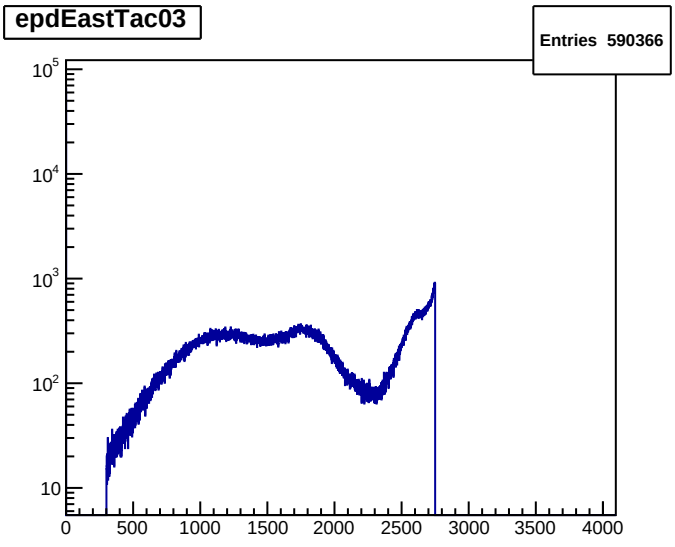
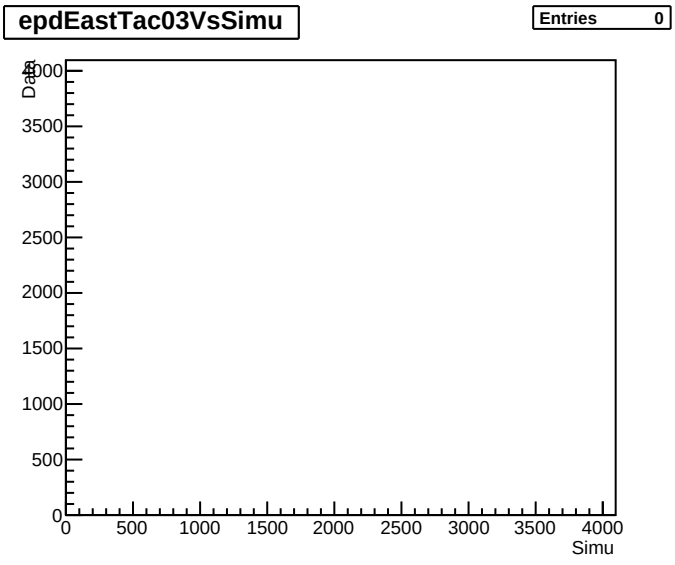
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4722928
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 590366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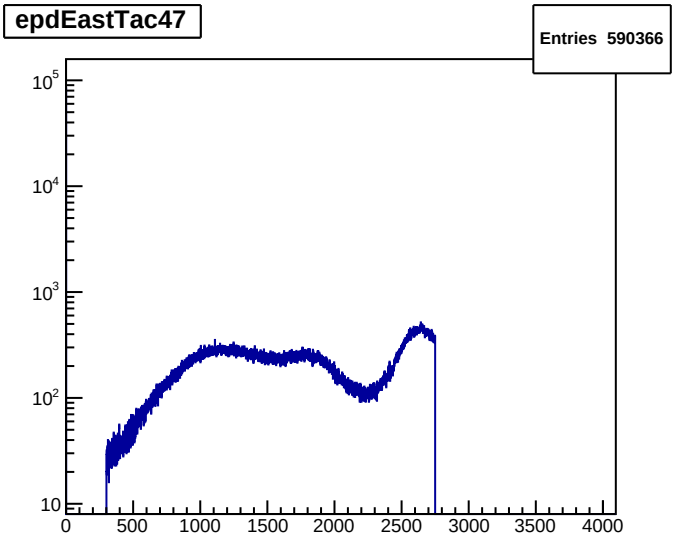
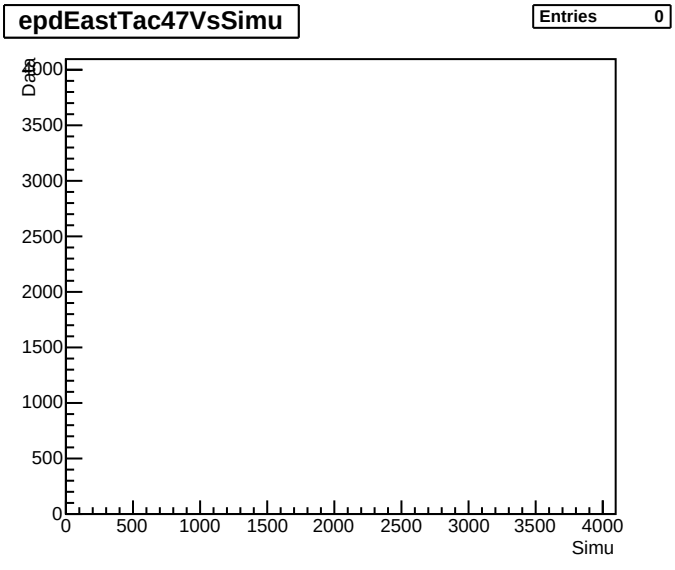
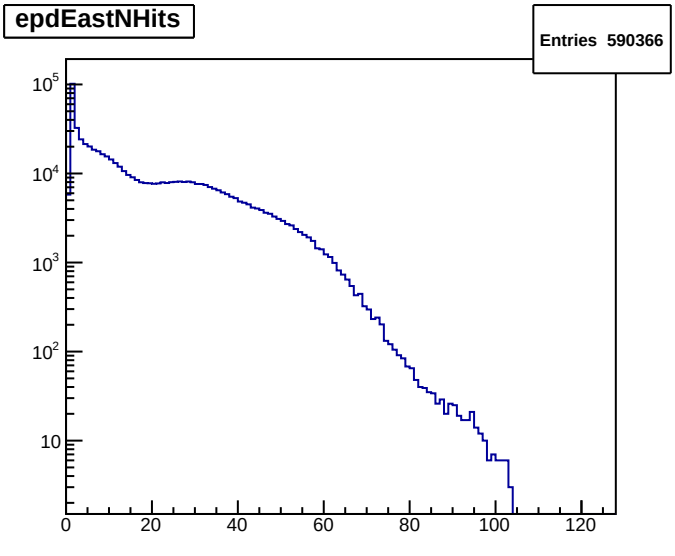
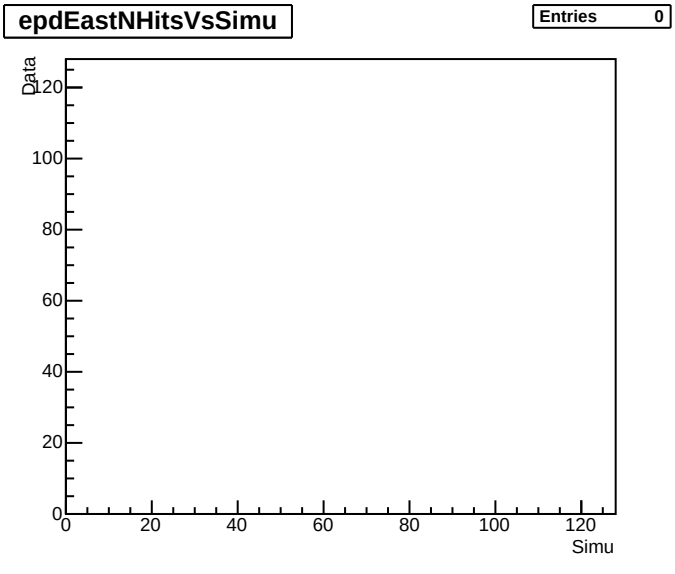
Entries 0
Data
Simu


epdEastTac47
Entries 590366


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 590366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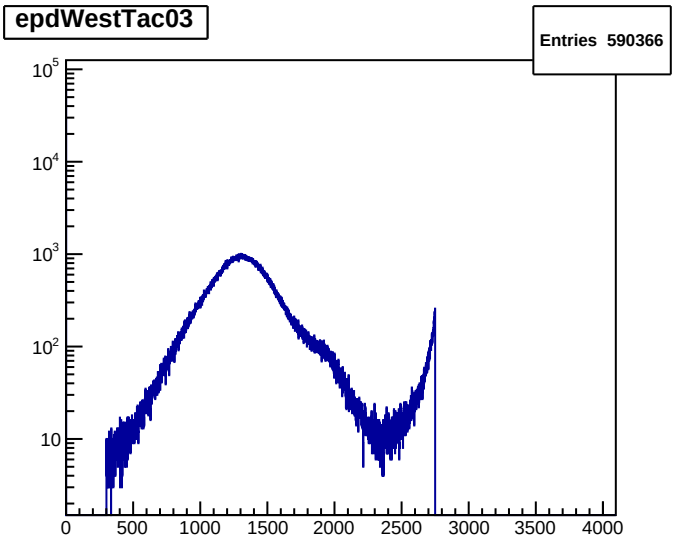
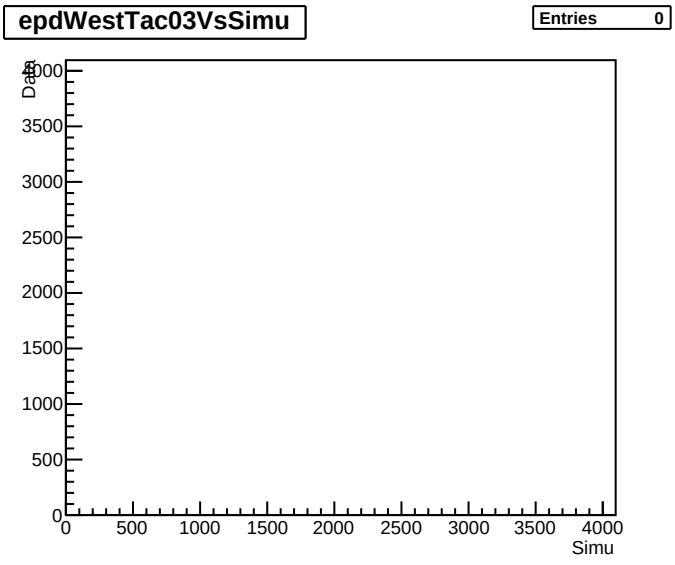
Entries 0
Data
Simu


epdWestTac03
Entries 590366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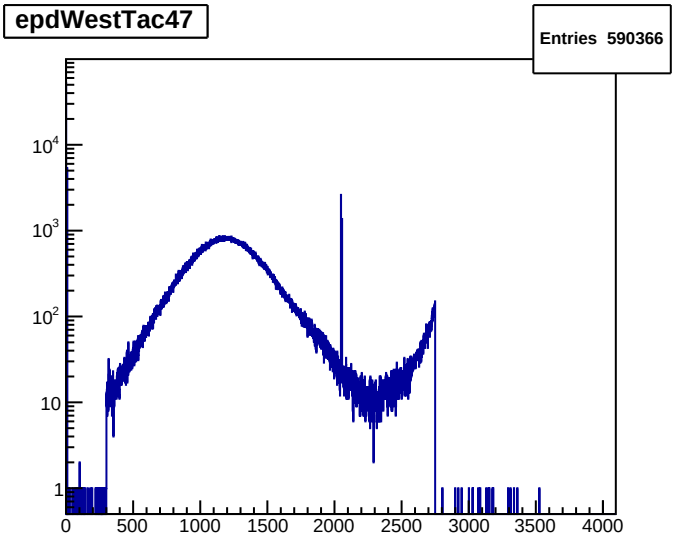
Entries 0
Data
Simu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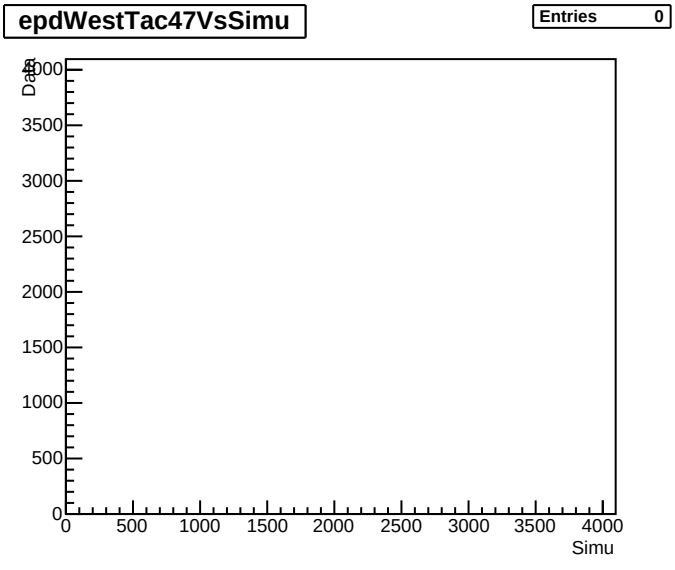
Entries 590366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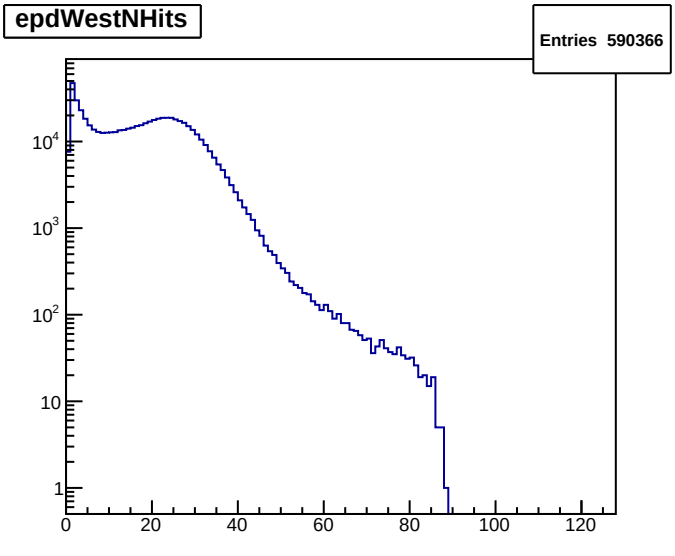
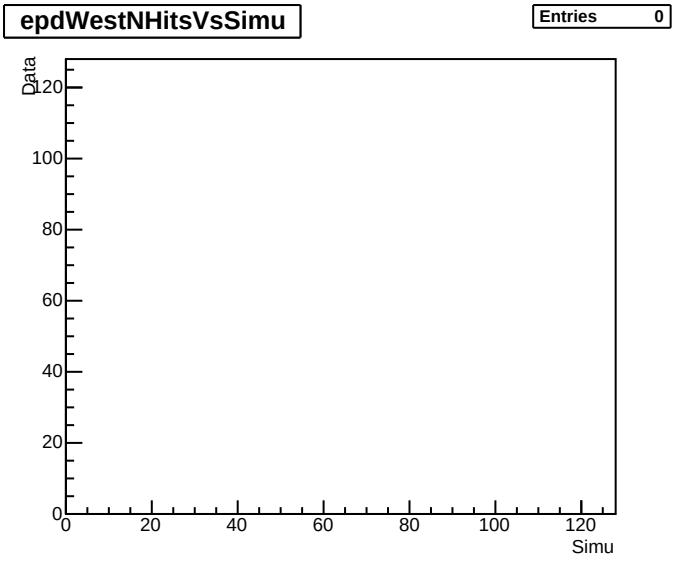
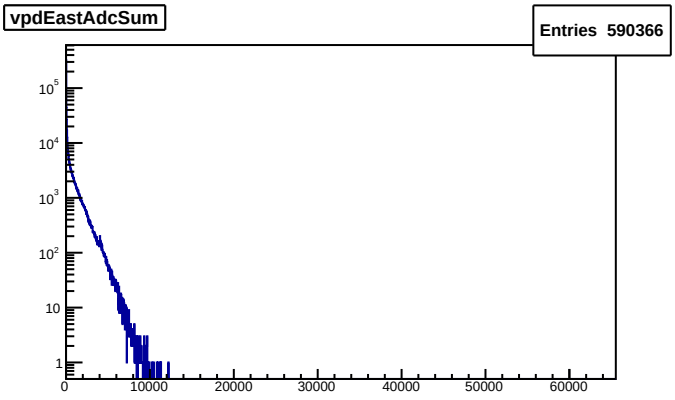
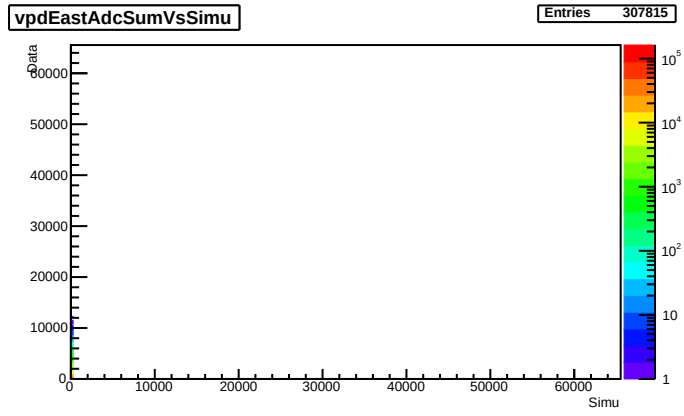
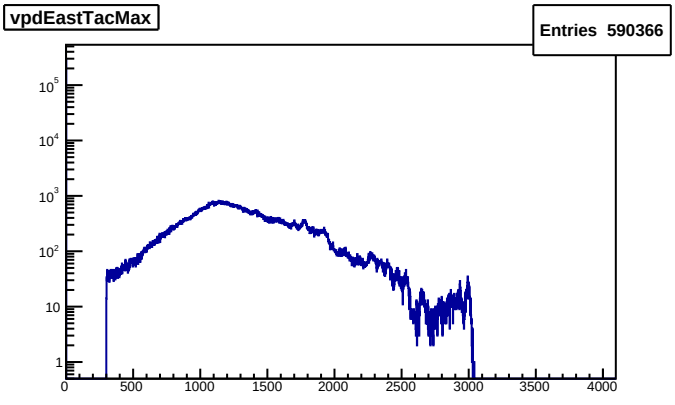
Entries 0
Data
Simu

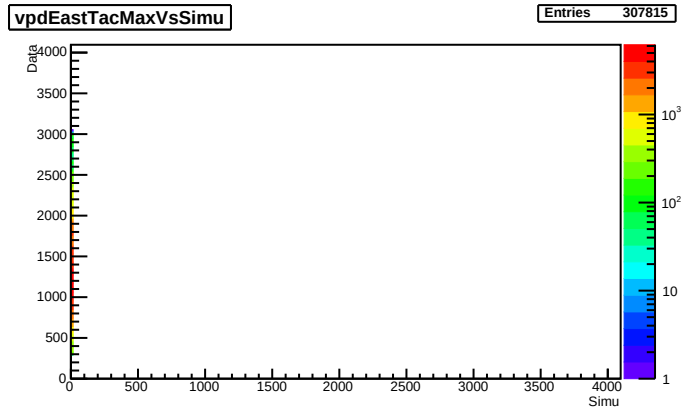

epdWestNHits
Entries 590366

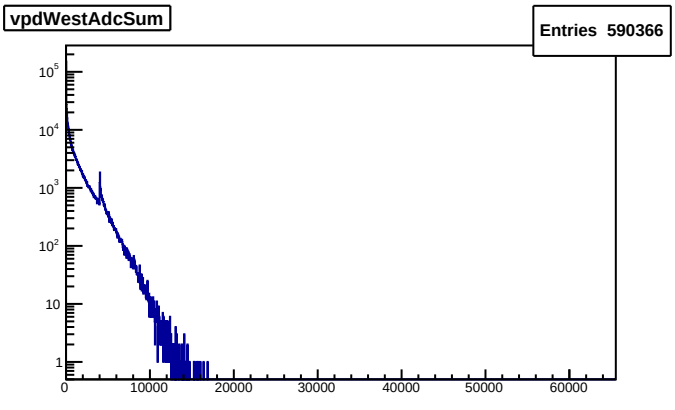

epdWestNHitsVsSimu
Entries 0
Data
Simu

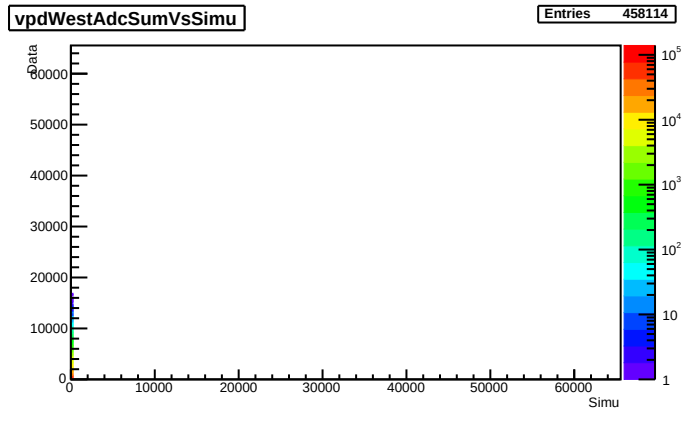

vpdEastAdcSum
Entries 590366

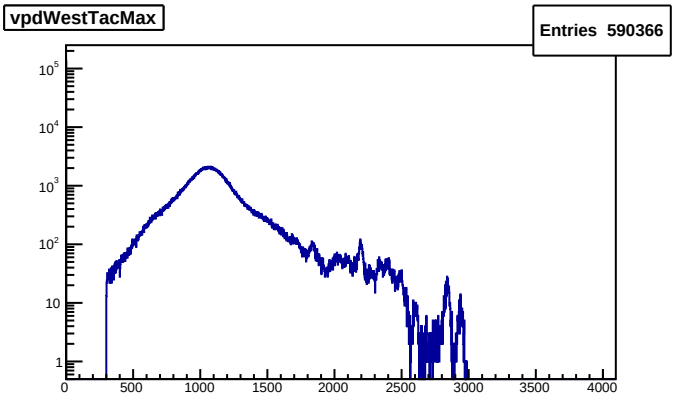

vpdEastAdcSumVsSimu
Entries 307815
Data
Simu

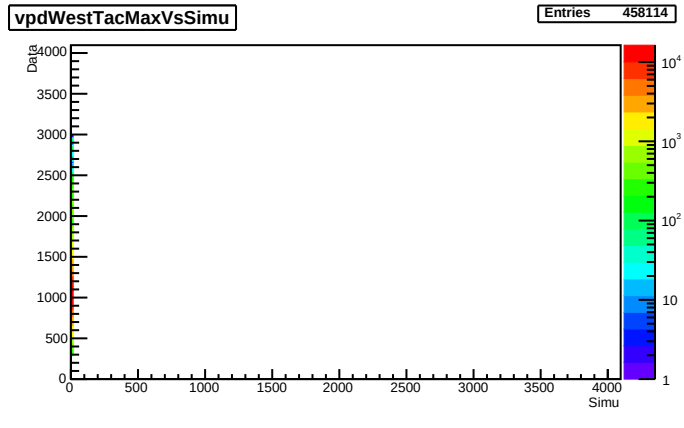

vpdEastTacMax
Entries 590366

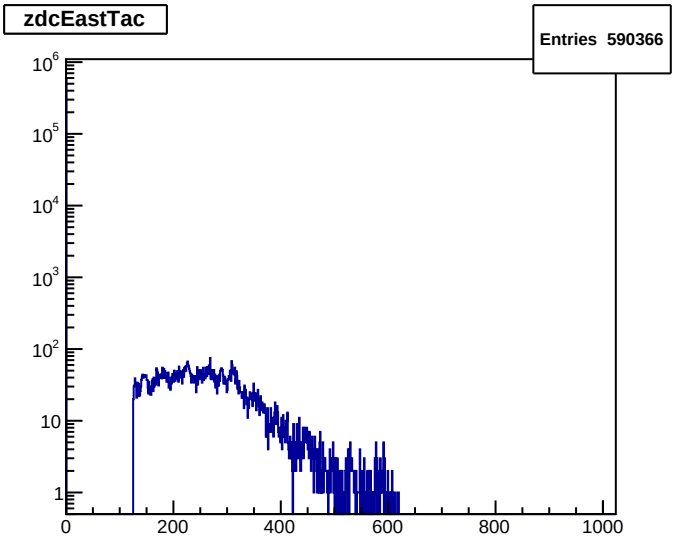

vpdEastTacMaxVsSimu
Entries 307815
Data
Simu

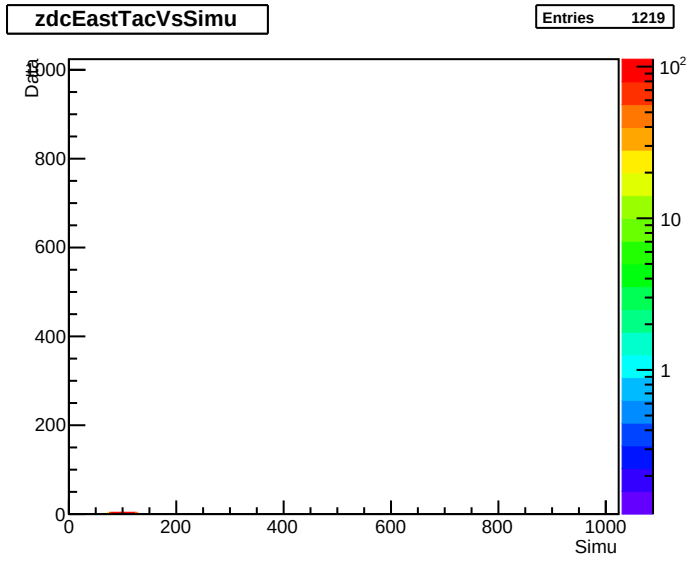

vpdWestAdcSum
Entries 590366

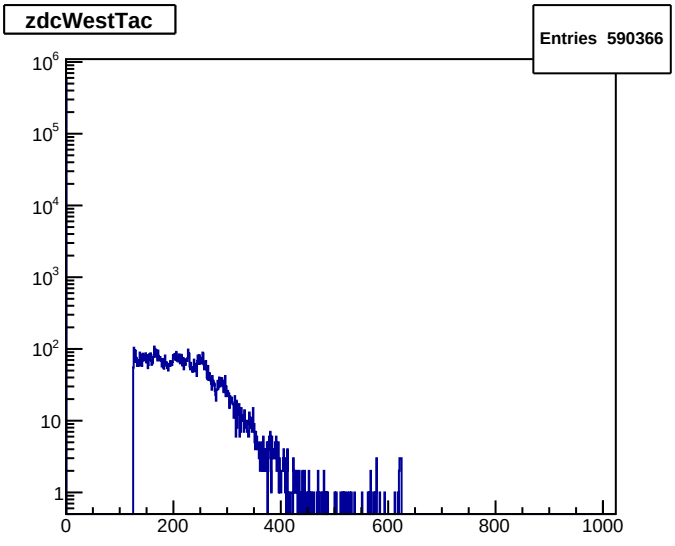

vpdWestAdcSumVsSimu
Entries 458114
Data
Simu

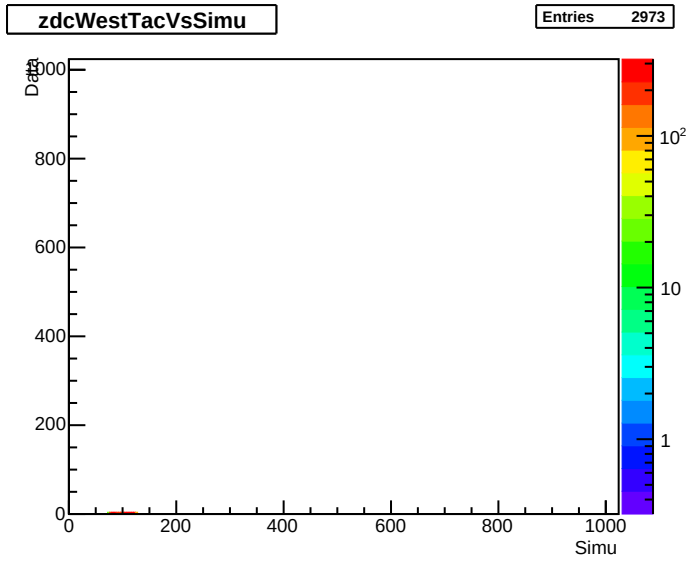

vpdWestTacMax
Entries 590366

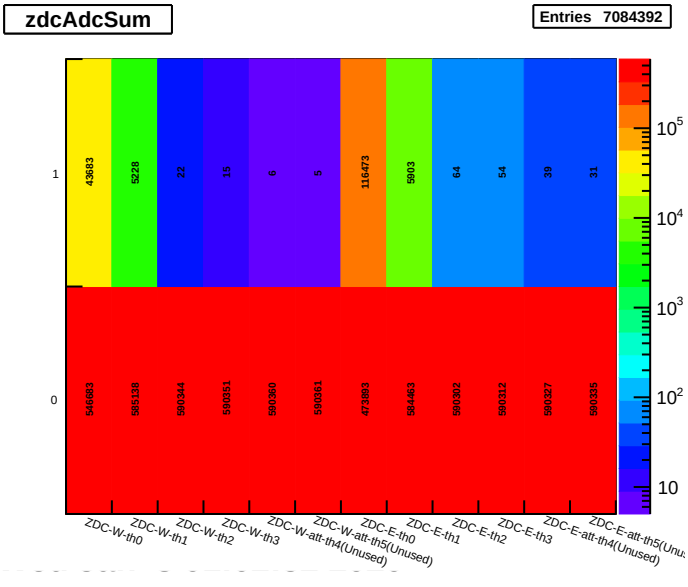

vpdWestTacMaxVsSimu
Entries 458114
Data
Simu

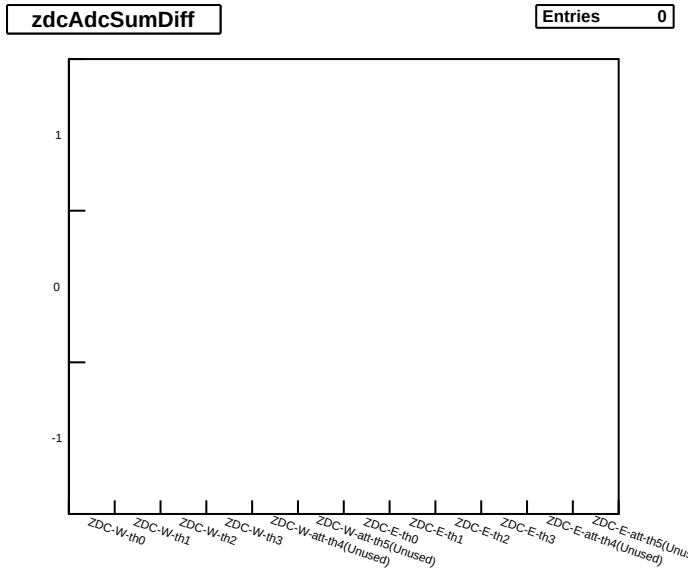

zdcEastTac
Entries 590366

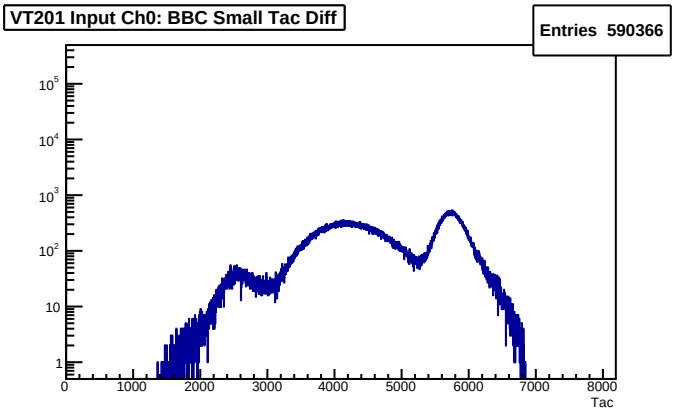

zdcEastTacVsSimu
Entries 1219
Data
Simu

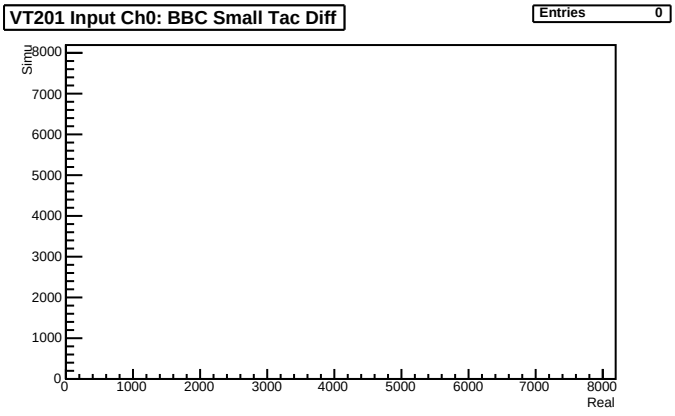

zdcWestTac
Entries 590366

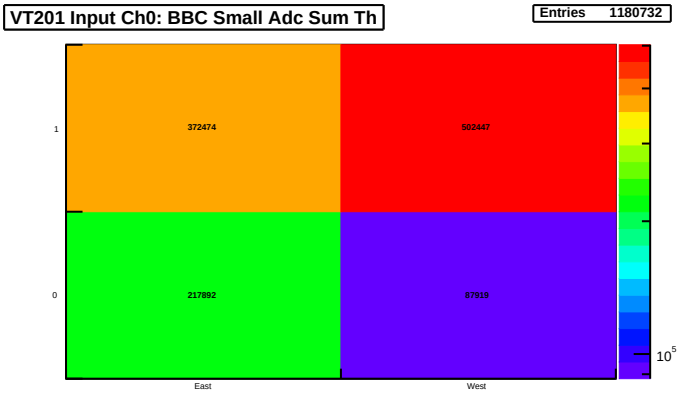

zdcWestTacVsSimu
Entries 2973
Data
Simu

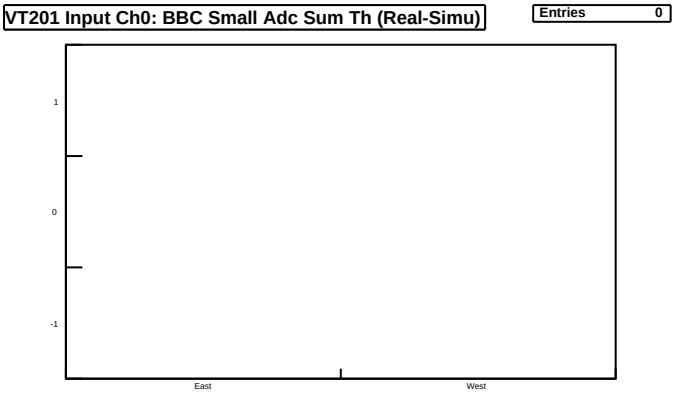

zdcAdcSum
Entries 7084392
43683
5228
22
15
6
5
116473
5903
64
54
39
31
546683
585138
590344
590351
590360
590361
473893
584463
590302
590312
590327
590335
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

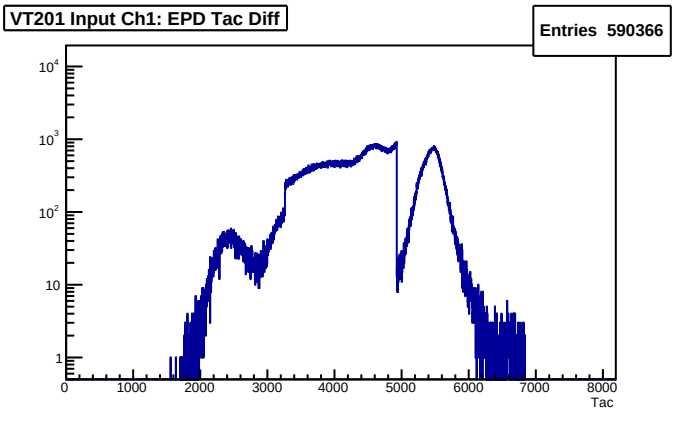

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

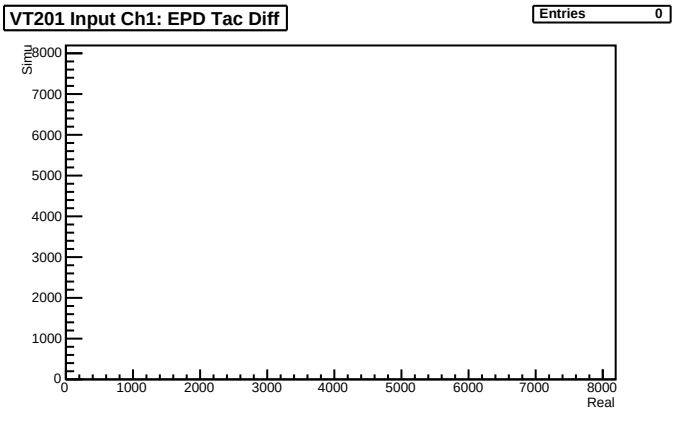

VT201 Input Ch0: BBC Small Tac Diff
Entries 590366
Tac

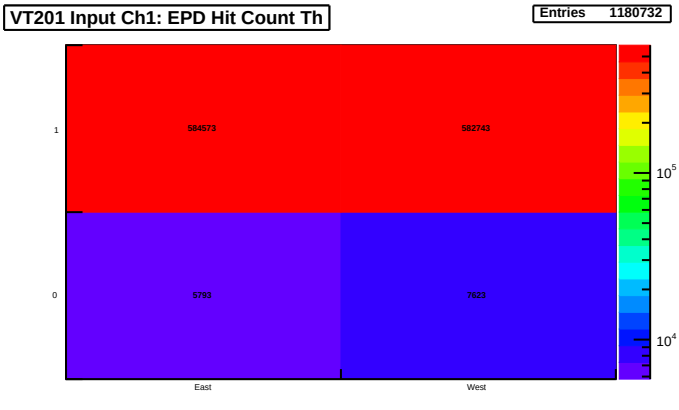

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

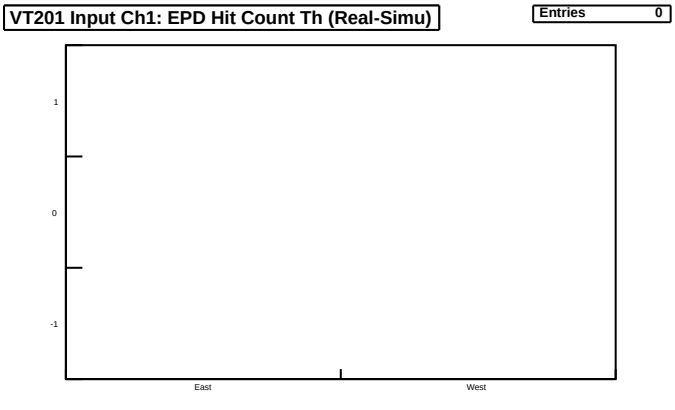

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1180732
372474
502447
217892
87919
East
West

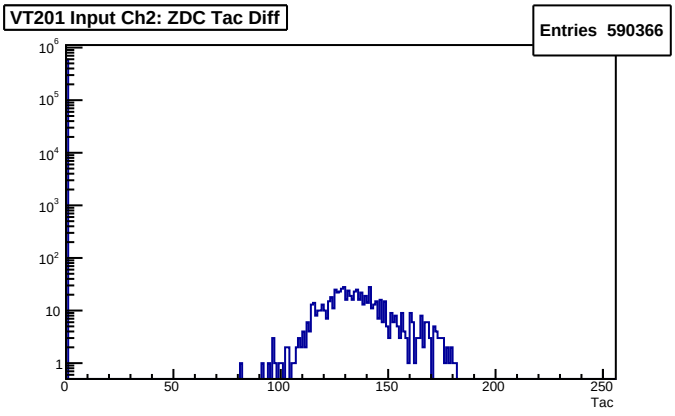

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

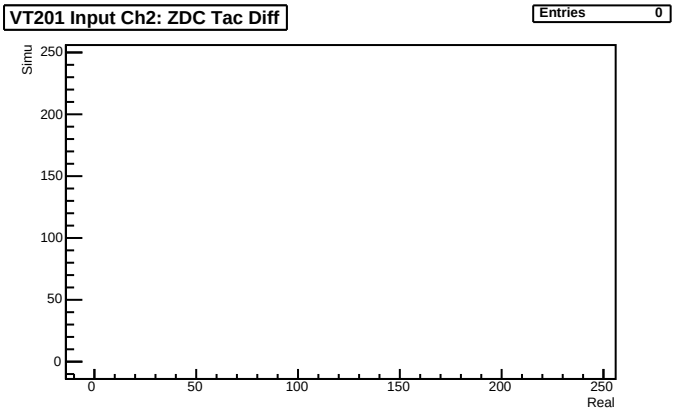

VT201 Input Ch1: EPD Tac Diff
Entries 590366
Tac

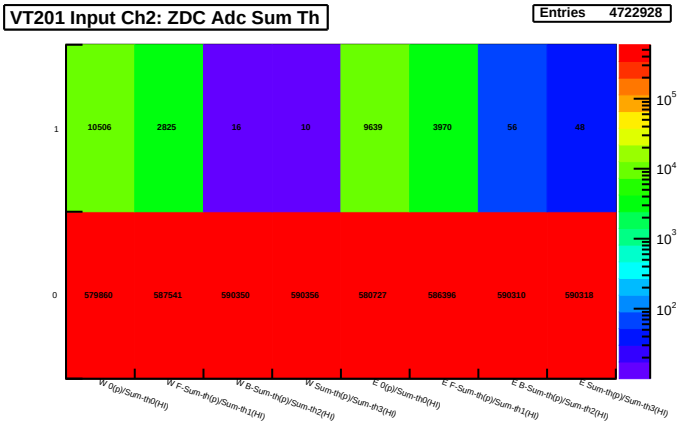

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

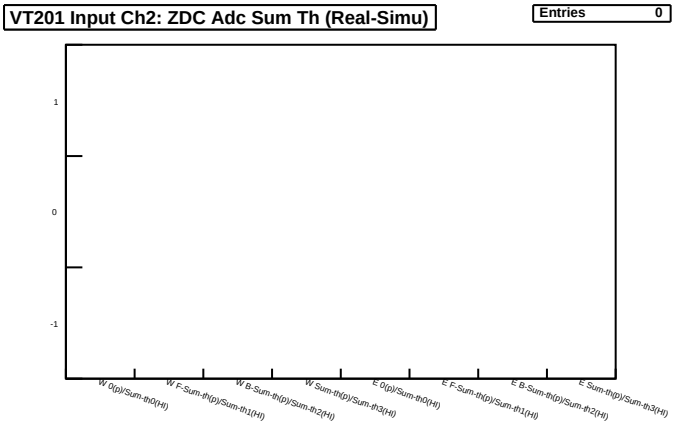

VT201 Input Ch1: EPD Hit Count Th
Entries 1180732
584573
582743
5793
7623
East
West

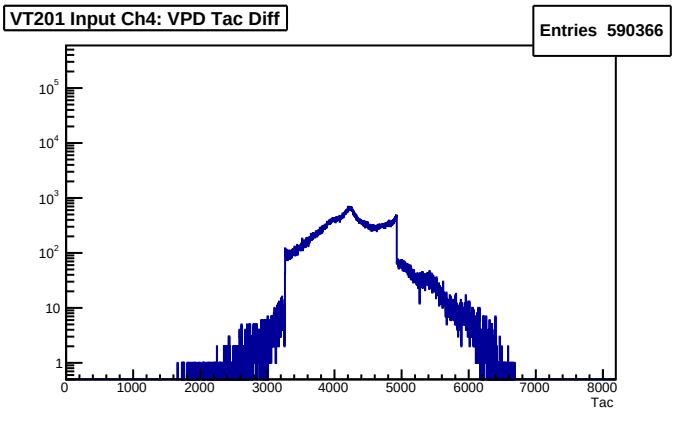

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

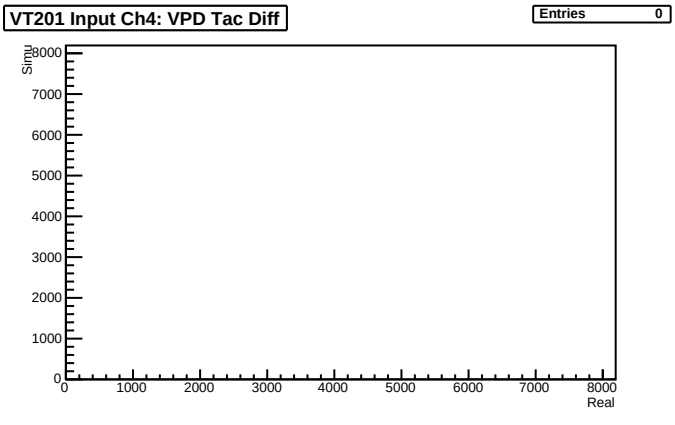

VT201 Input Ch2: ZDC Tac Diff
Entries 590366
Tac

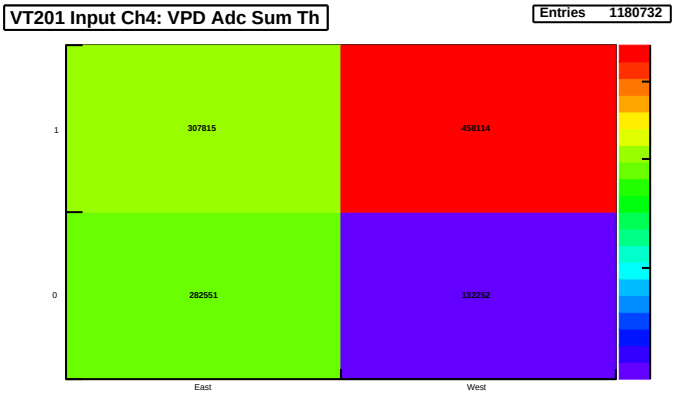

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

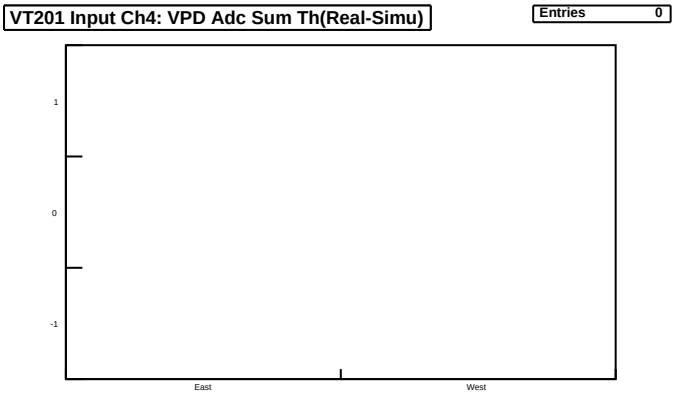

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4722928
10506
2825
16
10
9639
3970
56
48
579860
587541
590350
590356
580727
586396
590310
590318
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

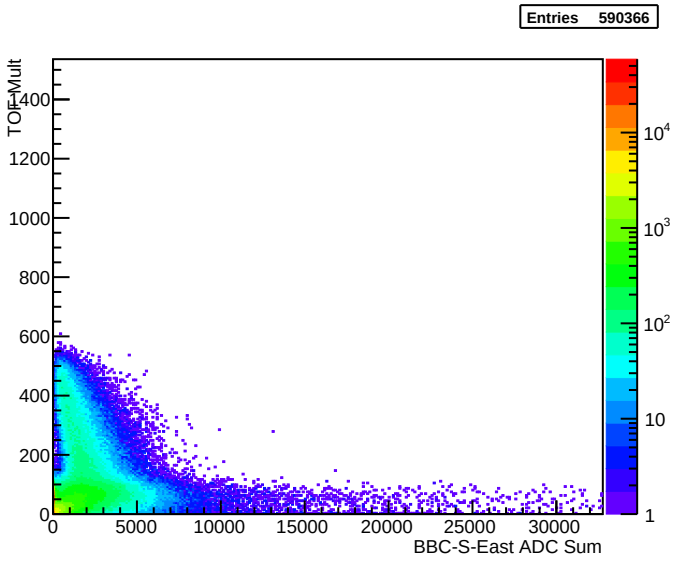

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

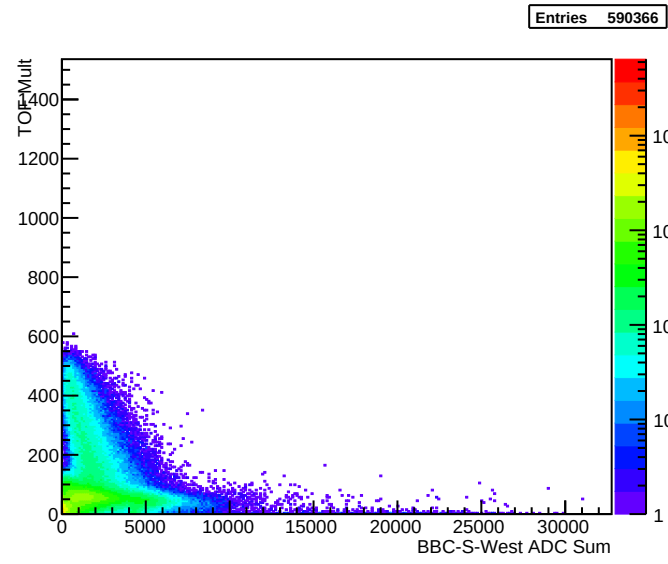

VT201 Input Ch4: VPD Tac Diff
Entries 590366
Tac

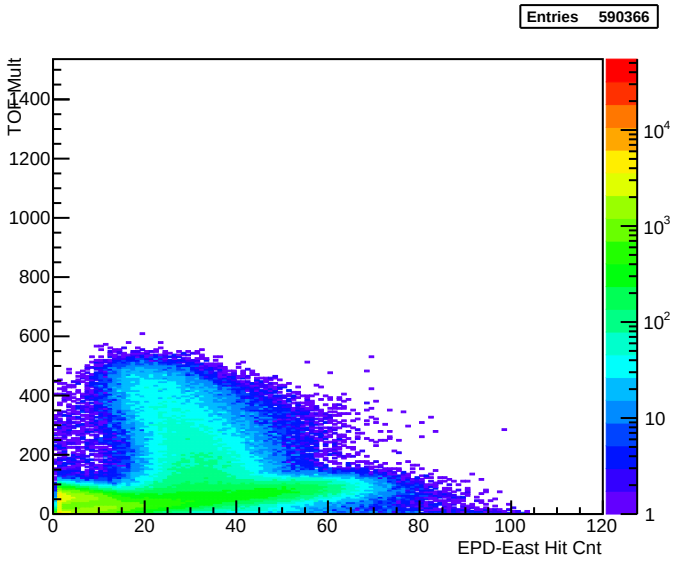

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

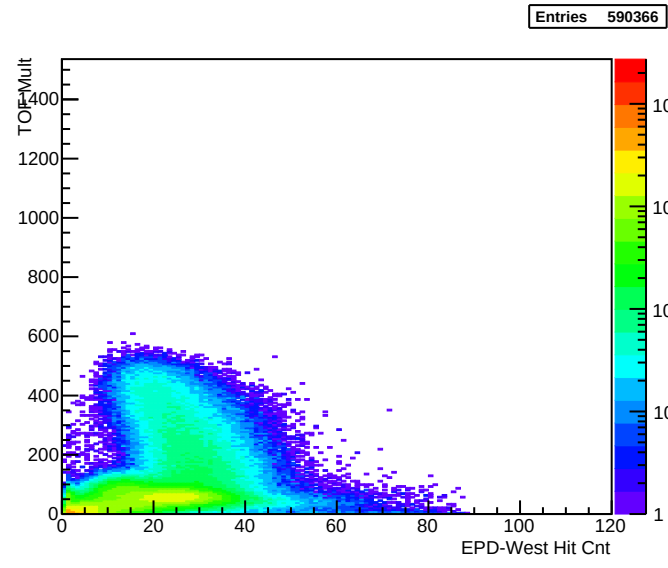

VT201 Input Ch4: VPD Adc Sum Th
Entries 1180732
307815
458114
282551
132252
East
West

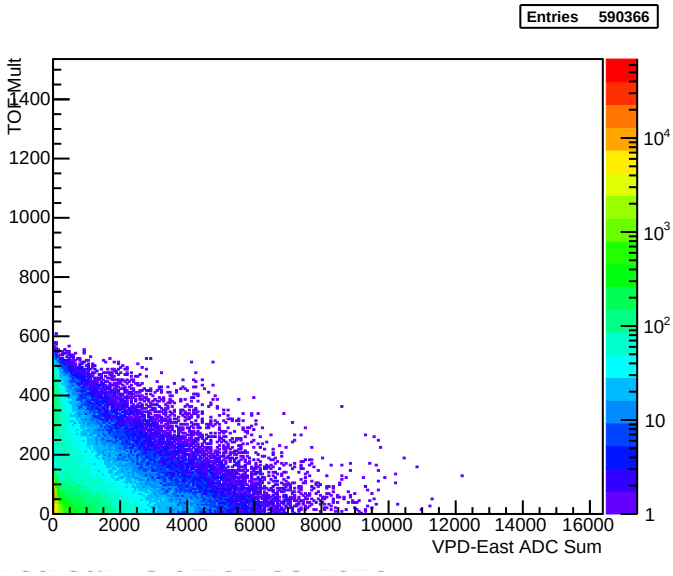

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

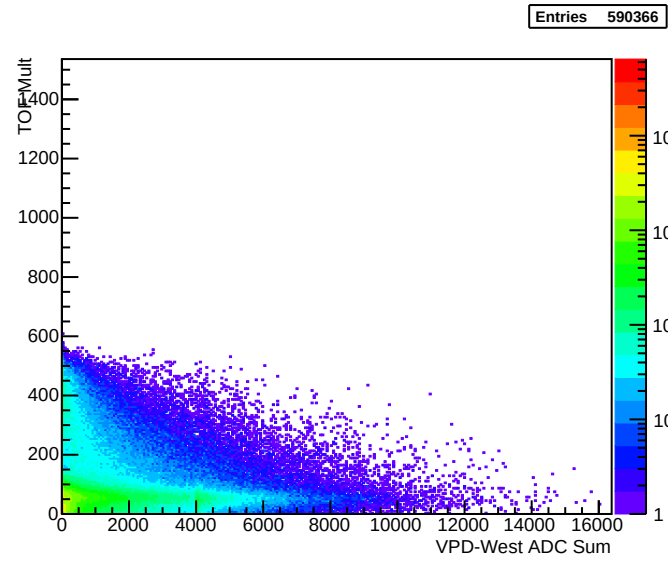

Entries 590366
TOF-Mult
BBC-S-East ADC Sum

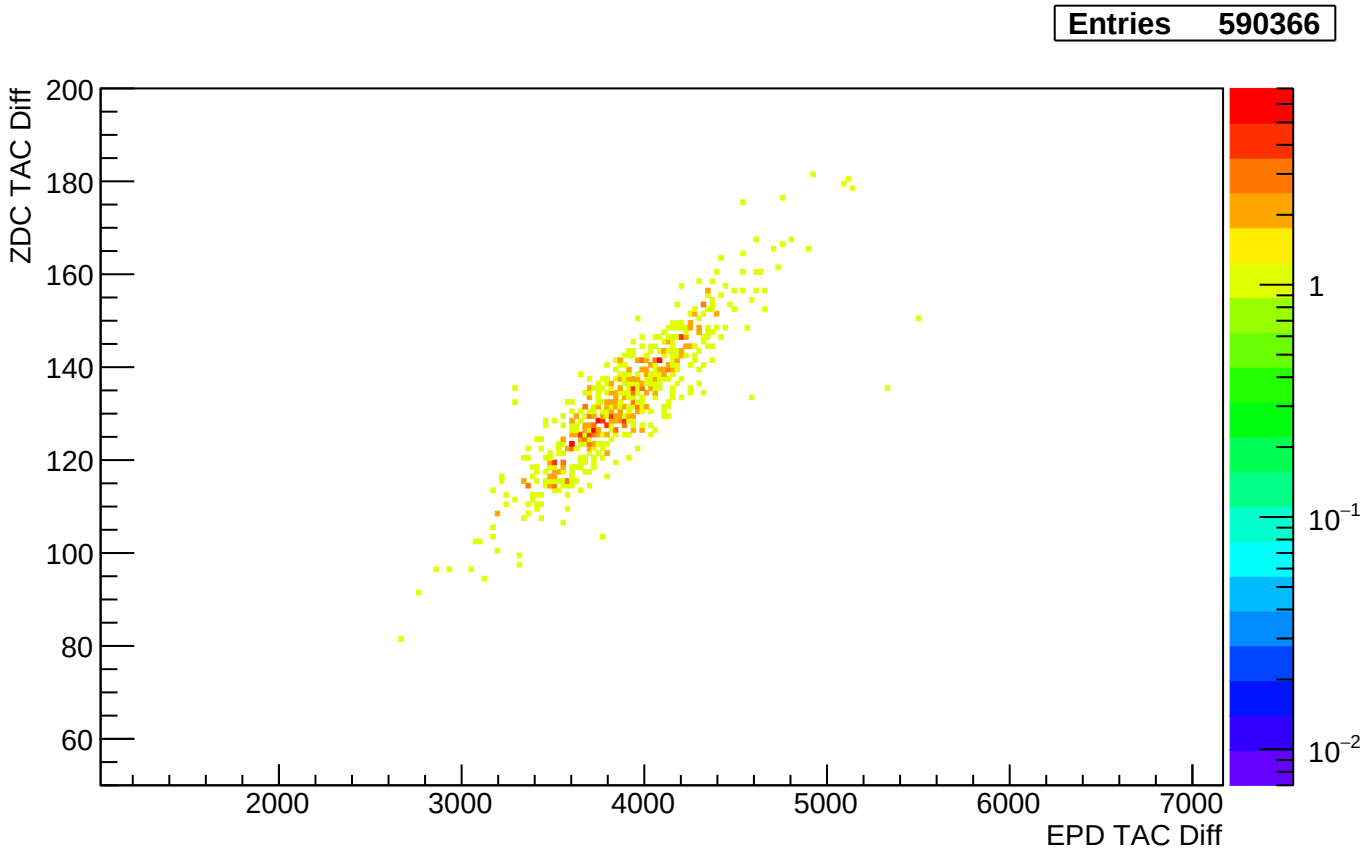

Entries 590366
TOF-Mult
BBC-S-West ADC Sum

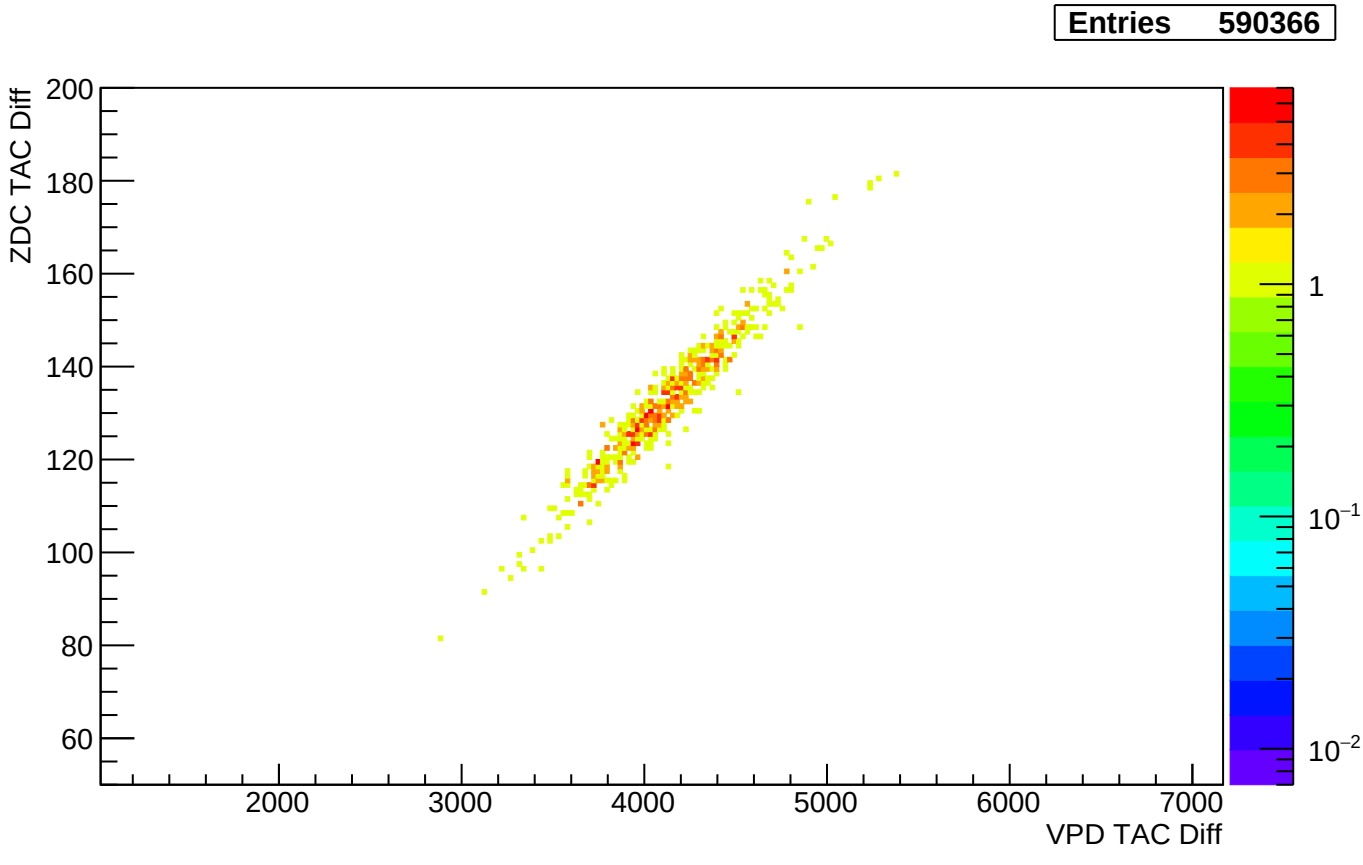

Entries 590366
TOF-Mult
EPD-East Hit Cnt

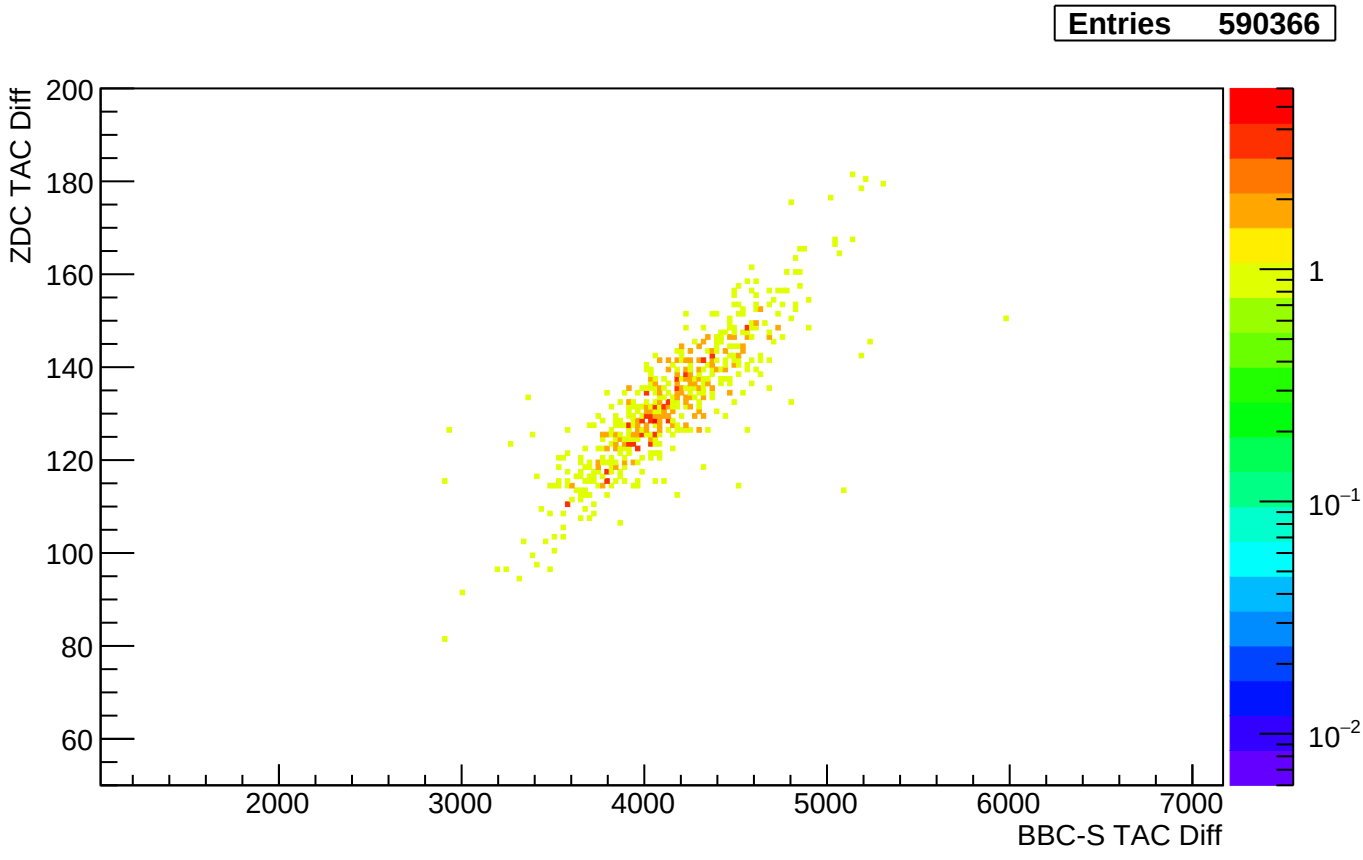

Entries 590366
TOF-Mult
EPD-West Hit Cnt

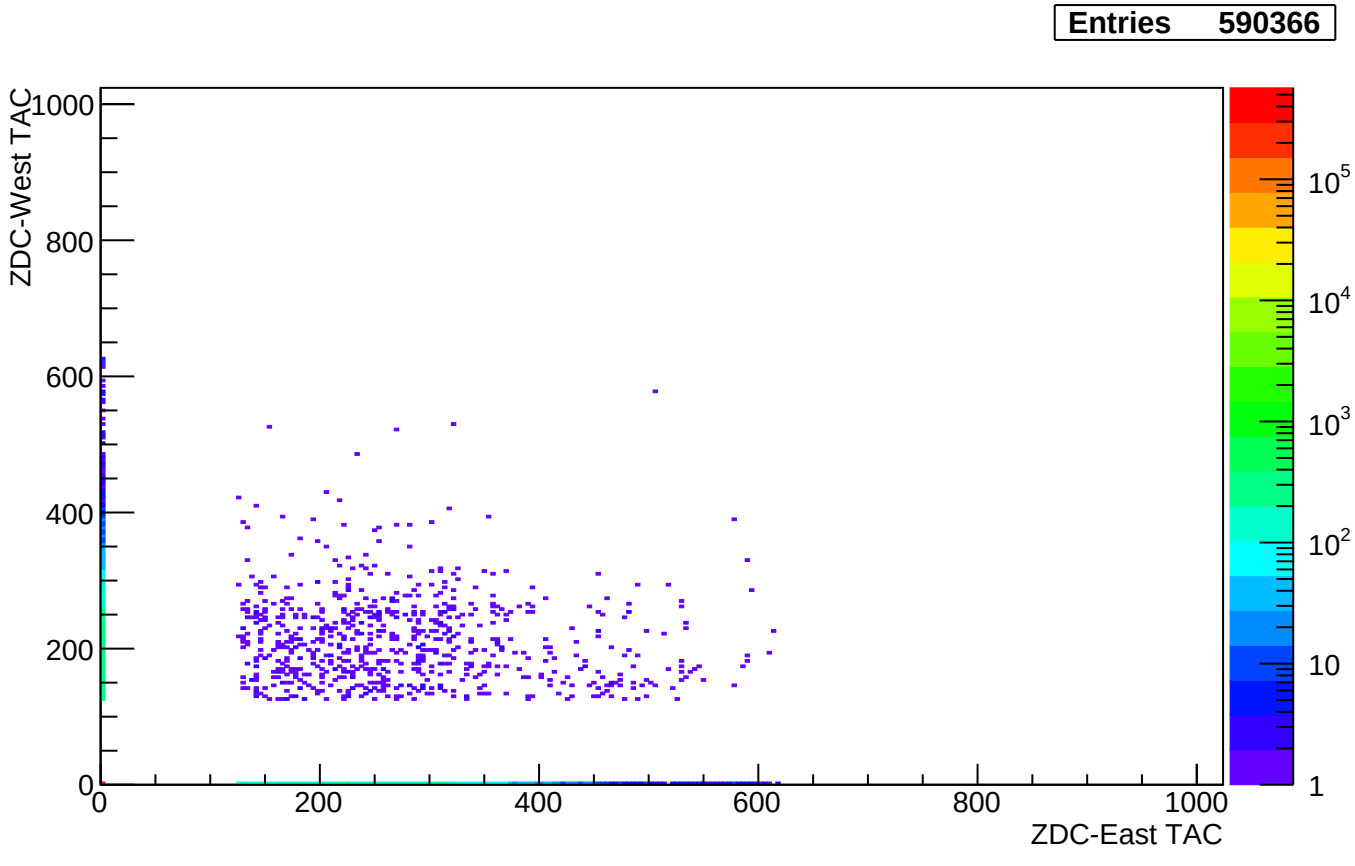

Entries 590366
TOF-Mult
VPD-East ADC Sum

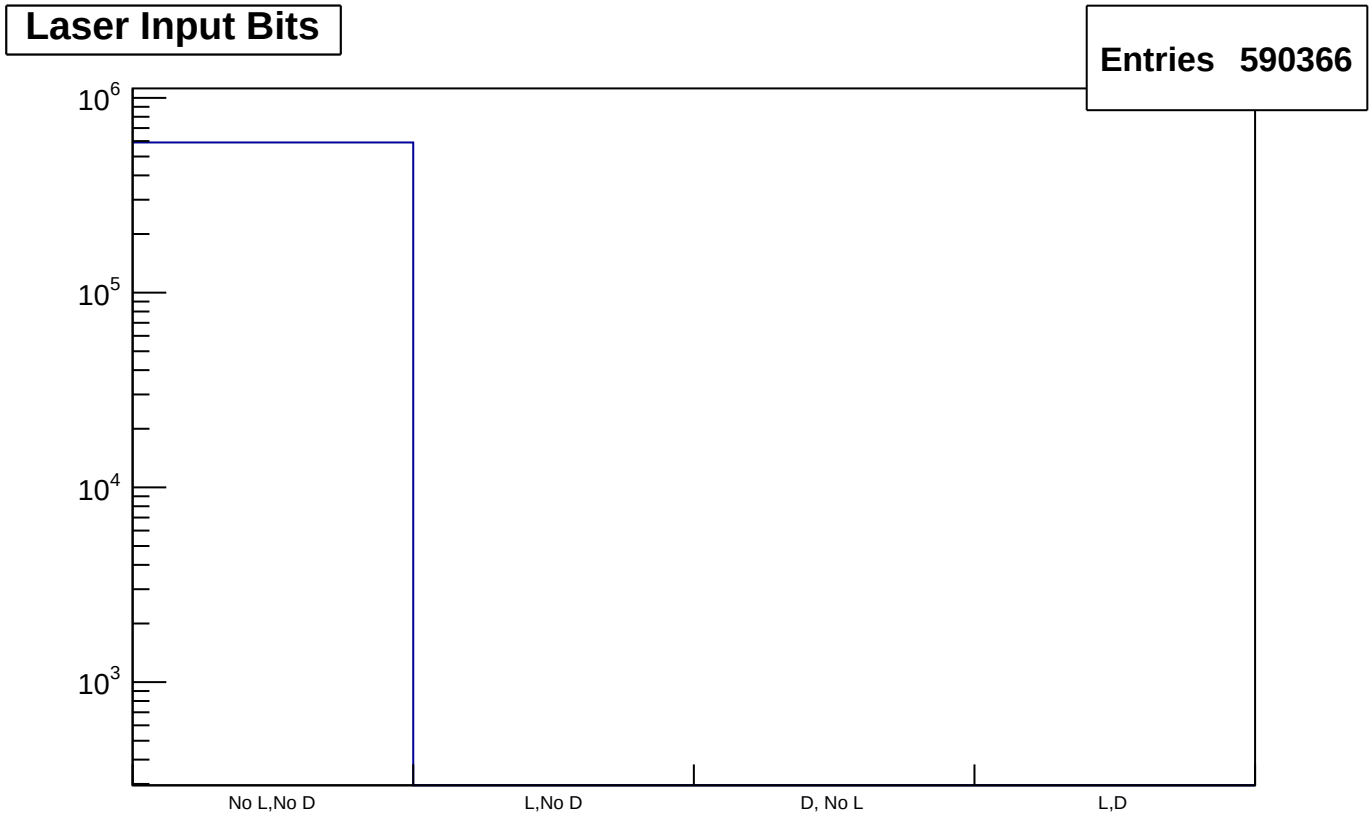

Entries 590366
TOF-Mult
VPD-West ADC Sum

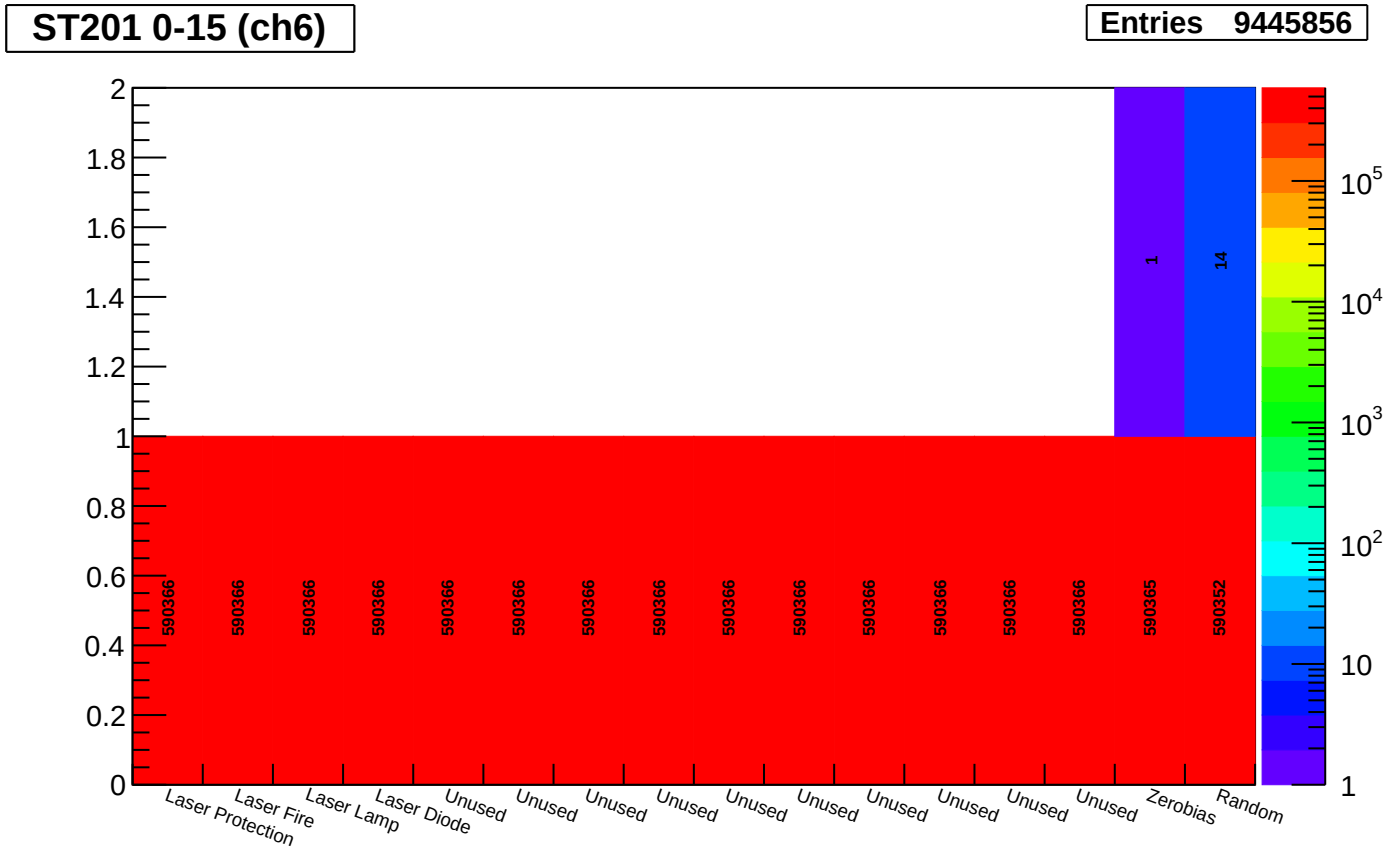

Entries 590366
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

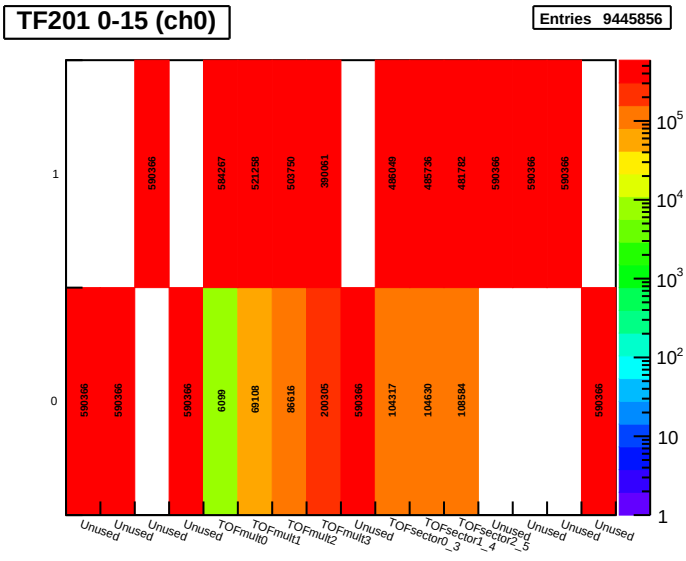

Entries 590366
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

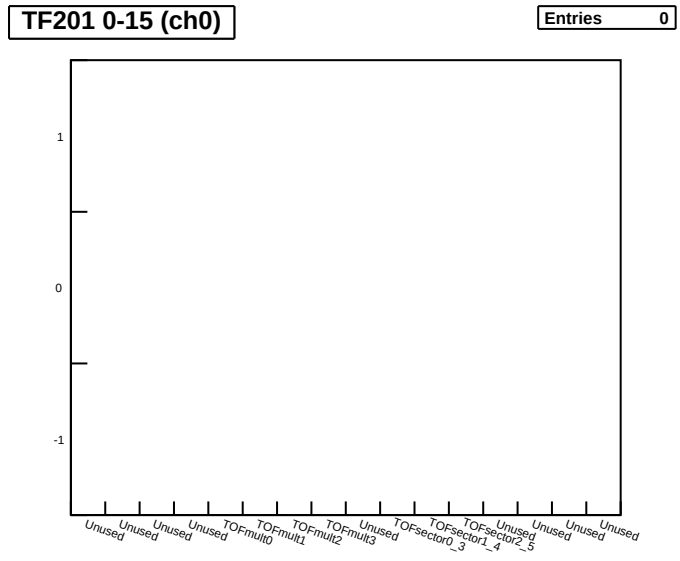

Entries 590366
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

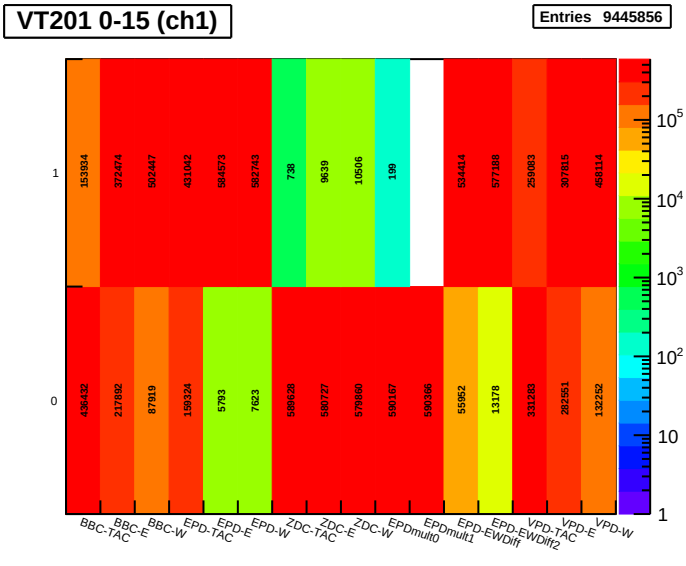

Entries 590366
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

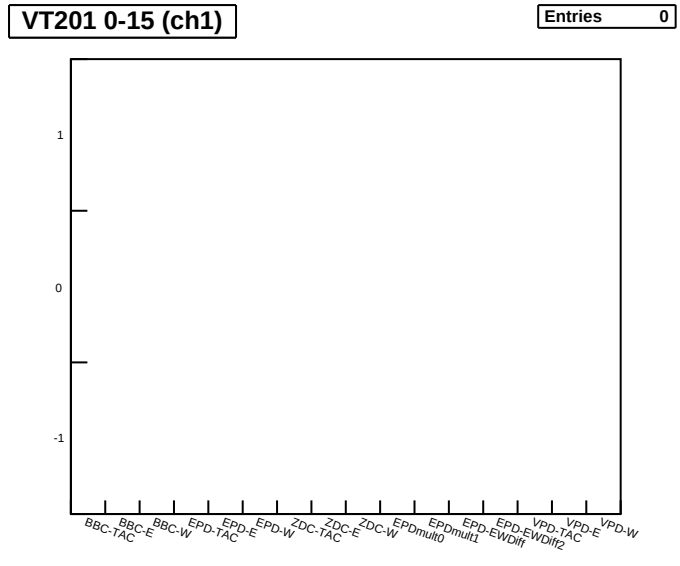

Laser Input Bits
Entries 590366
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

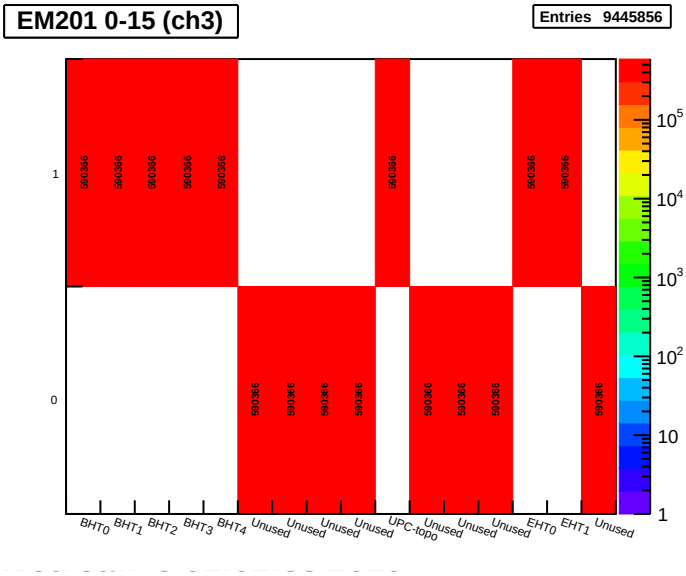

ST201 0-15 (ch6)
Entries 9445856
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590365
590352
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

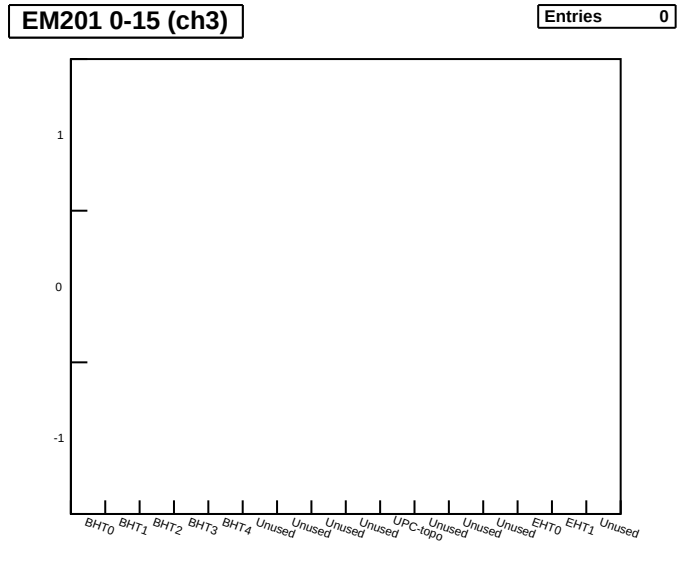

TF201 0-15 (ch0)
Entries 9445856
1
0
590366
584267
521258
503750
390061
486049
485736
481782
590366
590366
590366
590366
590366
6099
69108
86616
200305
590366
104317
104630
108584
590366
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 9445856
1
0
153934
372474
502447
431042
584573
582743
738
9639
10506
199
534414
577188
259083
307815
458114
438432
217892
87919
159324
5793
7623
588628
580727
579860
590167
590366
55952
13178
331283
282561
132252
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 9445856
1
0
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
590366
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