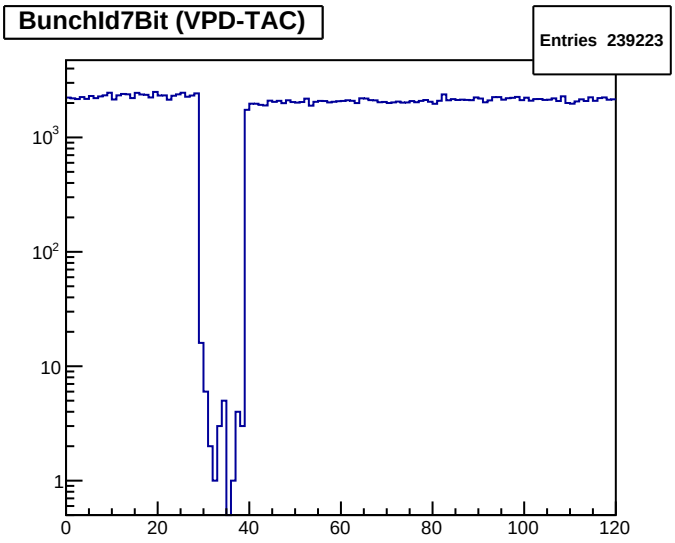
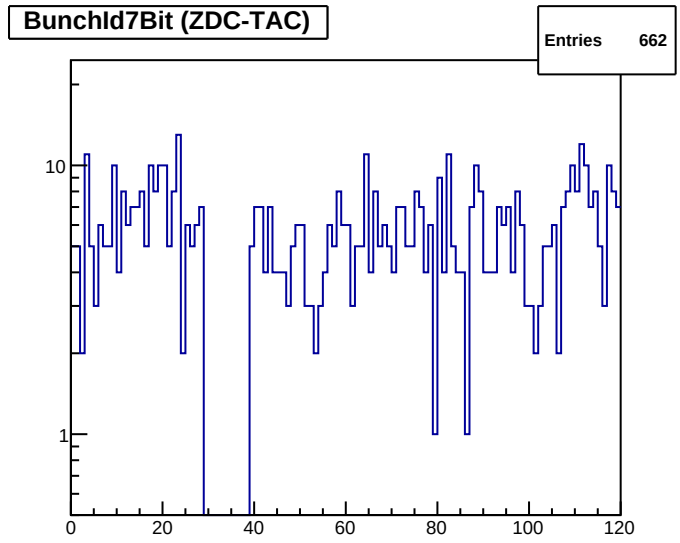
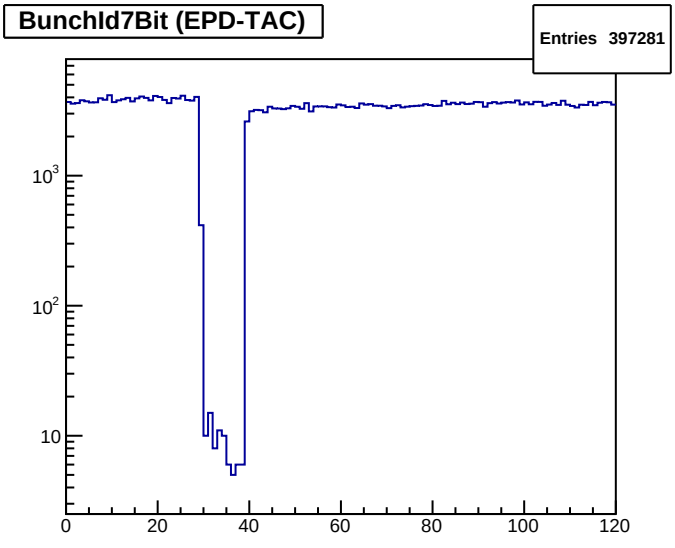
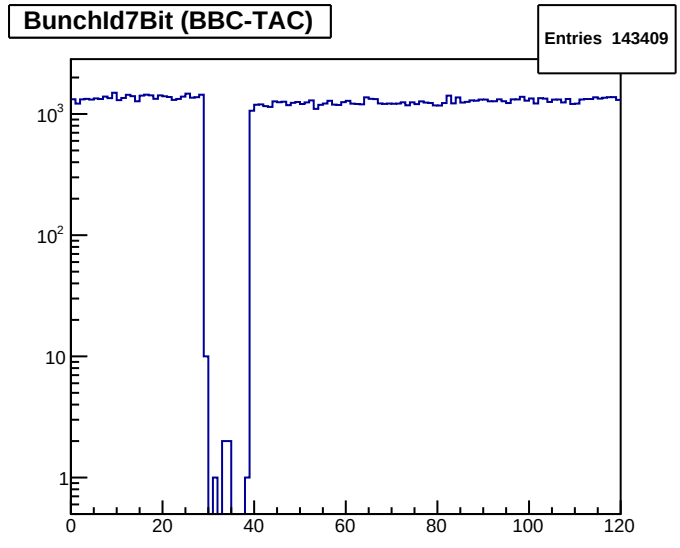
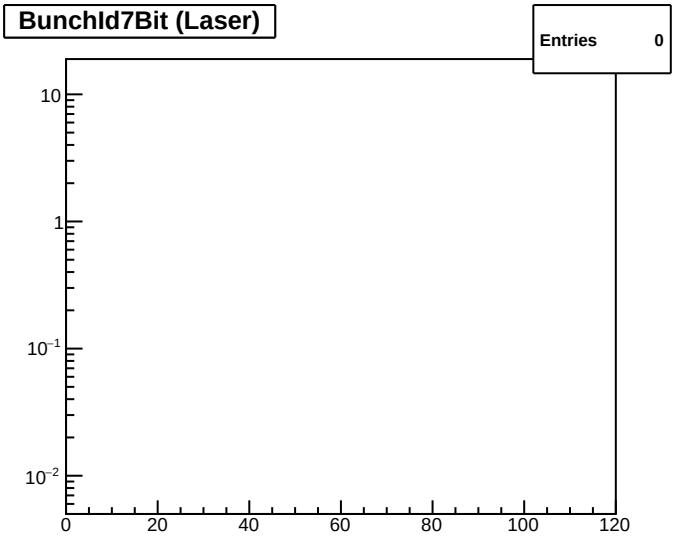
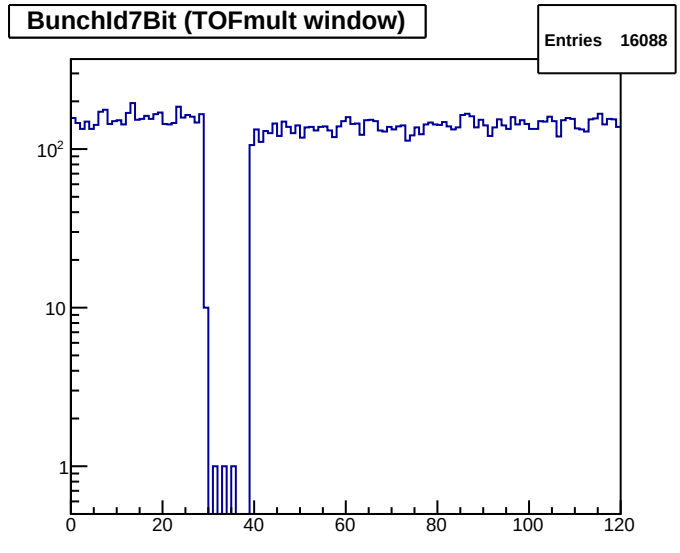

BunchId7Bit (VPD-TAC)
Entries 239223

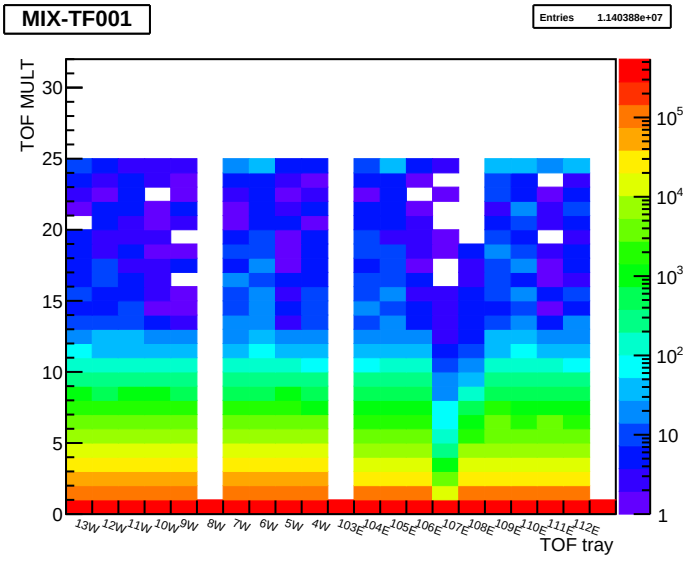

BunchId7Bit (ZDC-TAC)
Entries 662

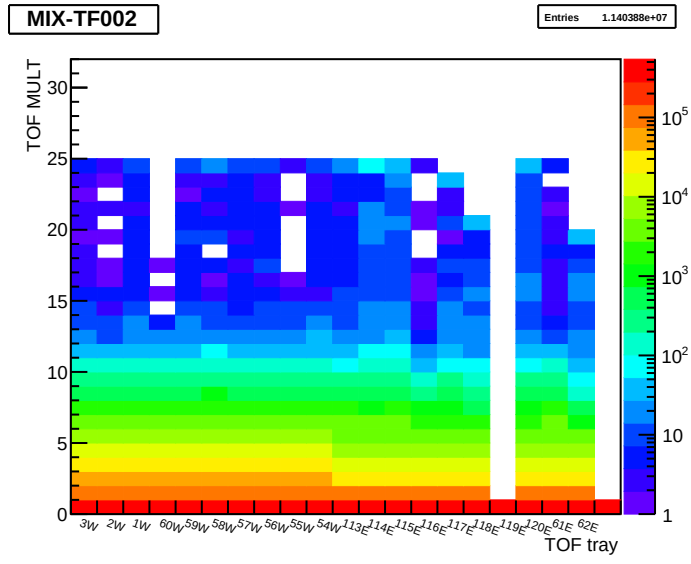

BunchId7Bit (EPD-TAC)
Entries 397281

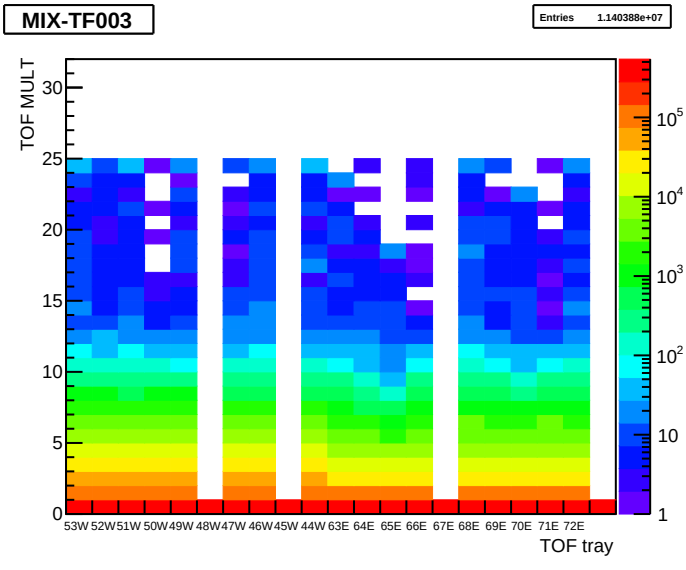

BunchId7Bit (BBC-TAC)
Entries 143409

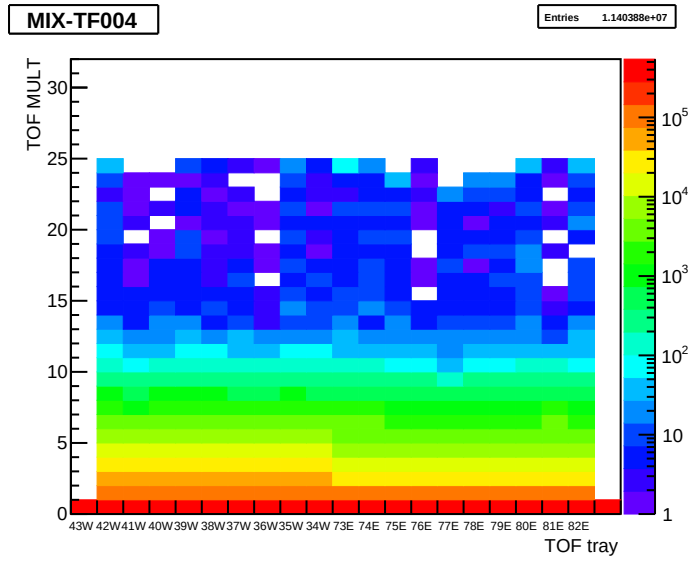

BunchId7Bit (Laser)
Entries 0

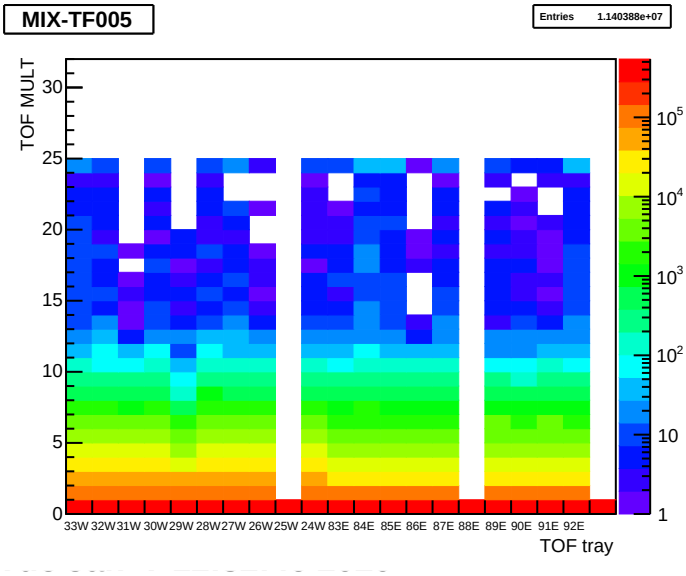

BunchId7Bit (TOFmult window)
Entries 16088

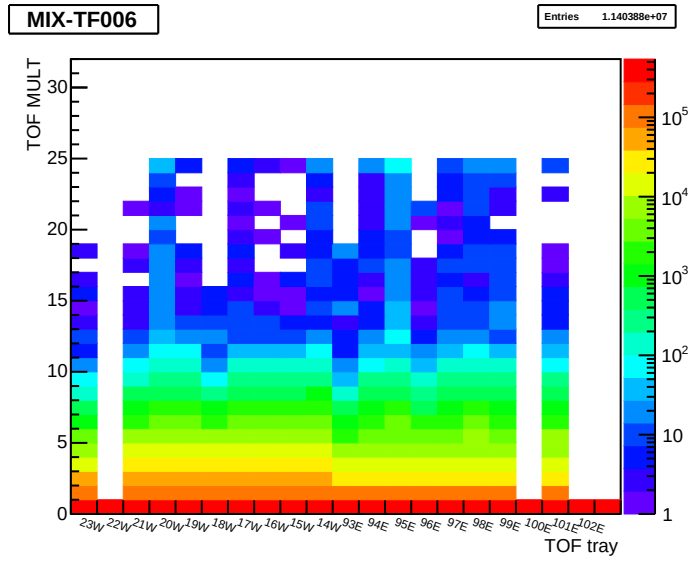

MIX-TF001
Entries 1.140388e+07
TOF MULT
TOF tray

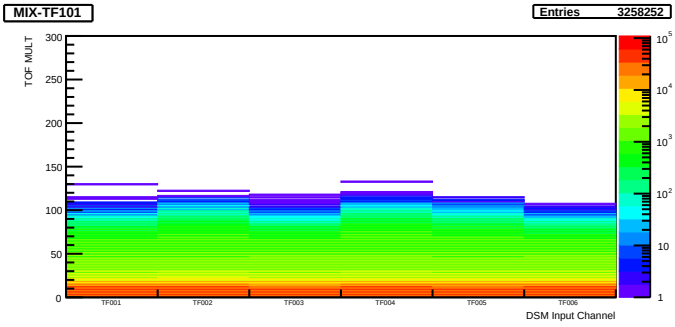

MIX-TF002
Entries 1.140388e+07
TOF MULT
TOF tray

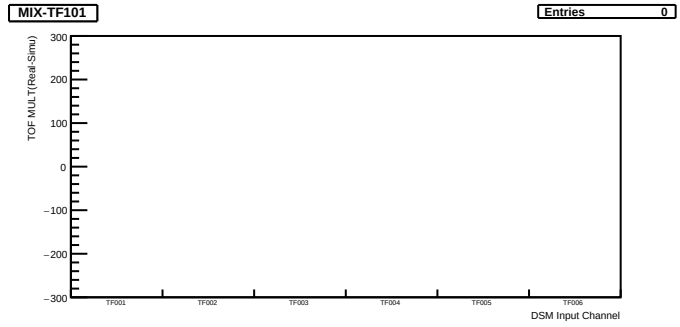

MIX-TF003
Entries 1.140388e+07
TOF MULT
TOF tray

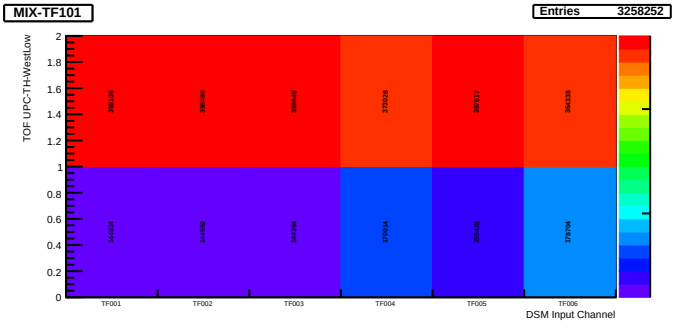

MIX-TF004
Entries 1.140388e+07
TOF MULT
TOF tray

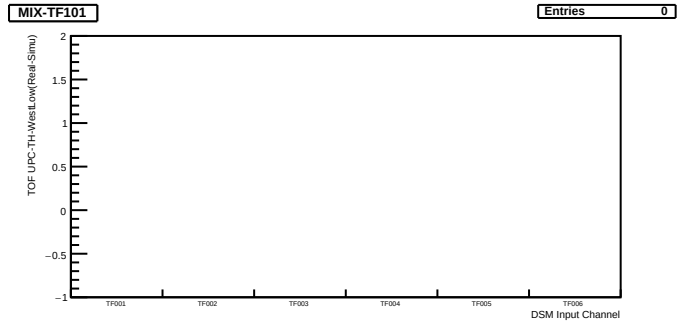

MIX-TF005
Entries 1.140388e+07
TOF MULT
TOF tray

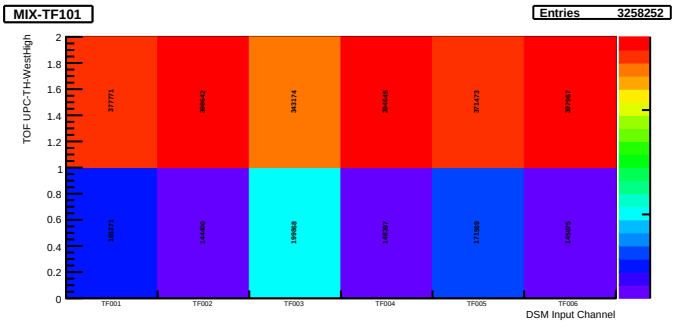

MIX-TF006
Entries 1.140388e+07
TOF MULT
TOF tray

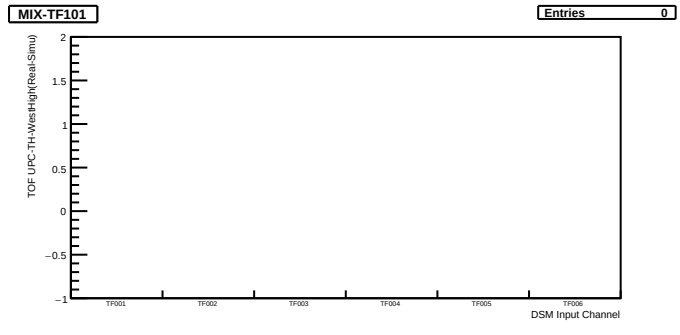

MIX-TF101
Entries 3258252
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

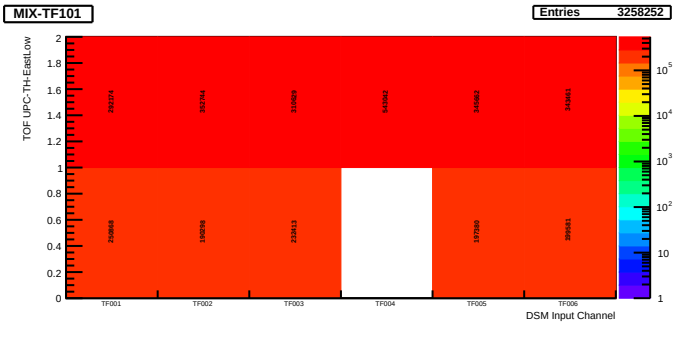

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

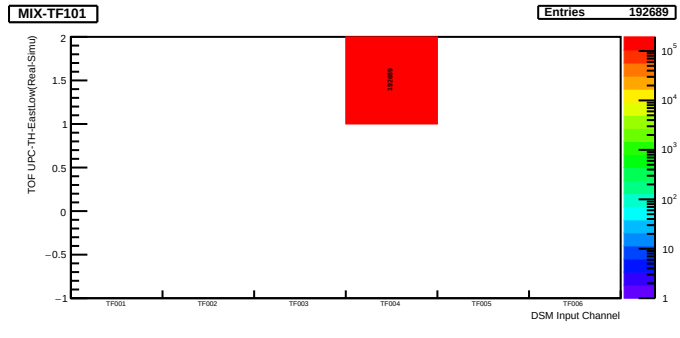

MIX-TF101
Entries 3258252
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

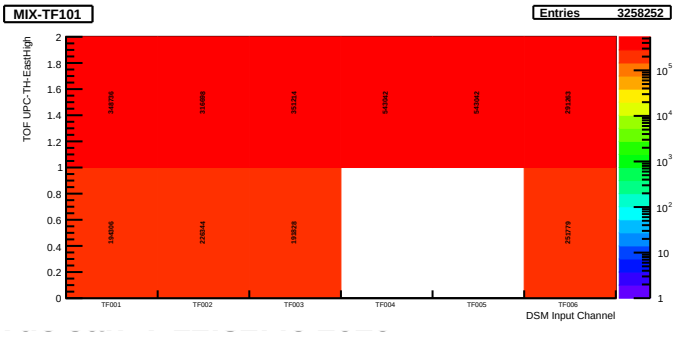

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

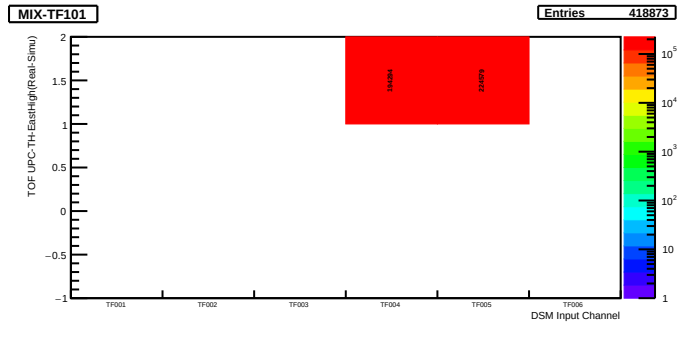

MIX-TF101
Entries 3258252
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

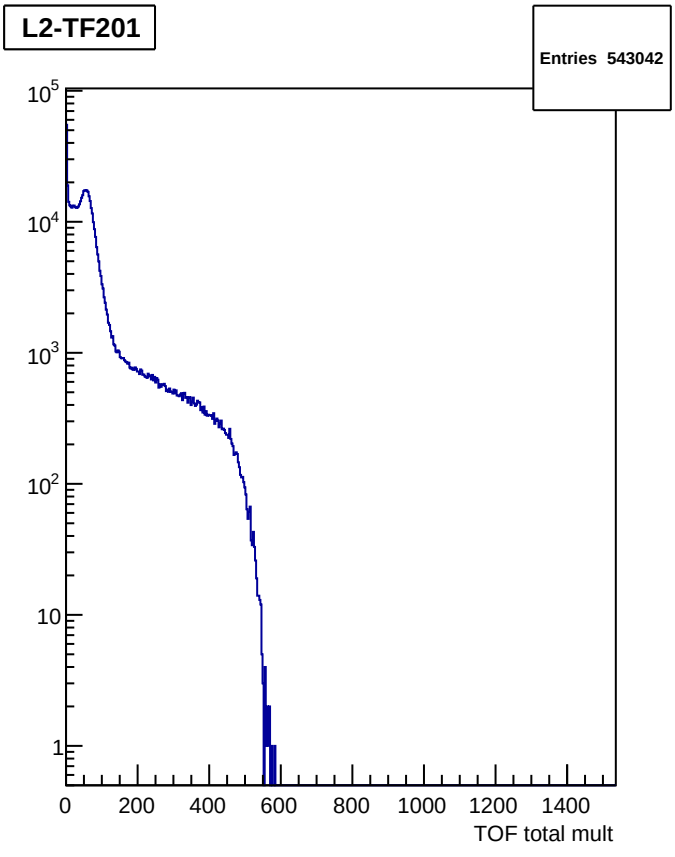

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

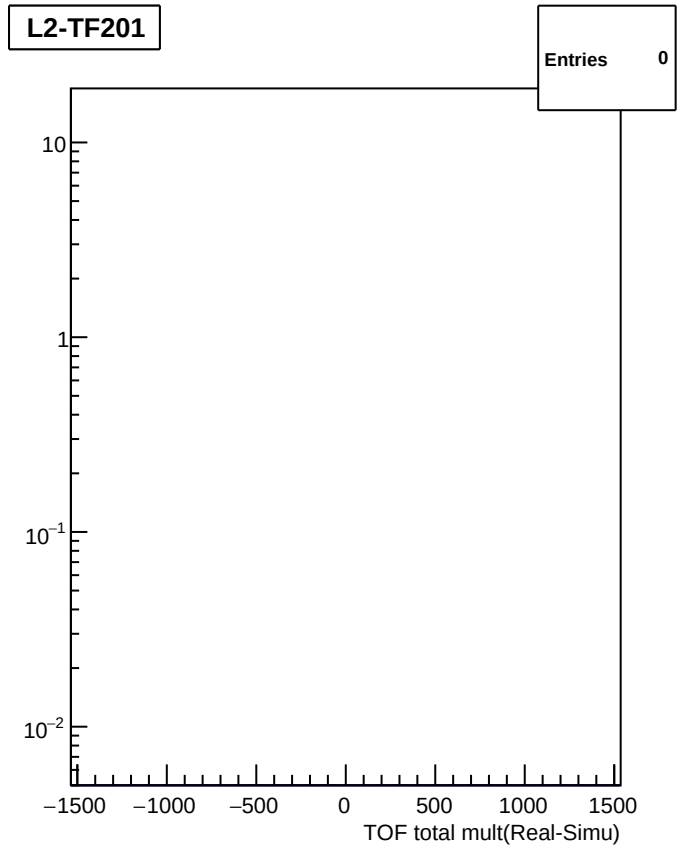

MIX-TF101
Entries 3258252
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

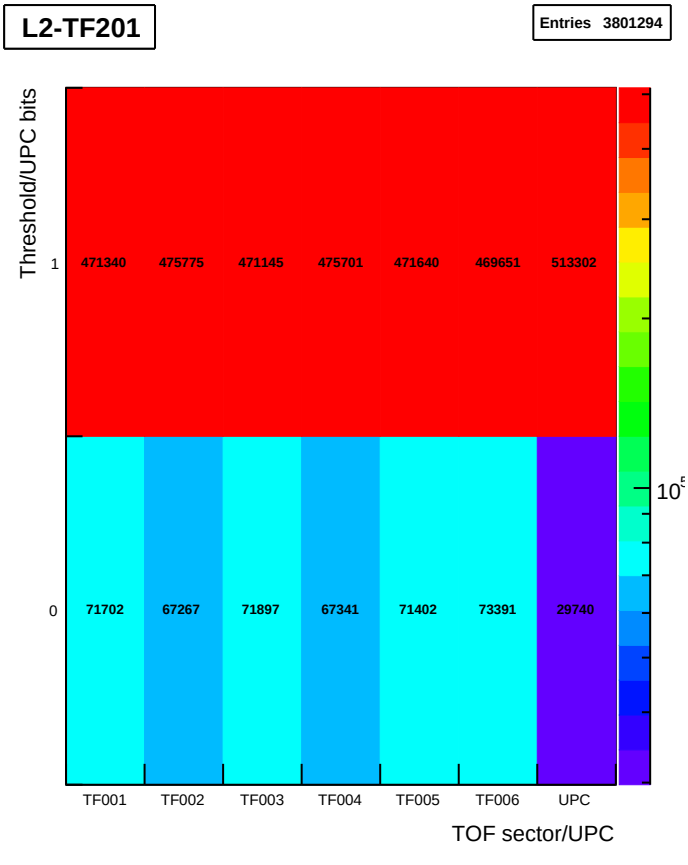

MIX-TF101
Entries 192689
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

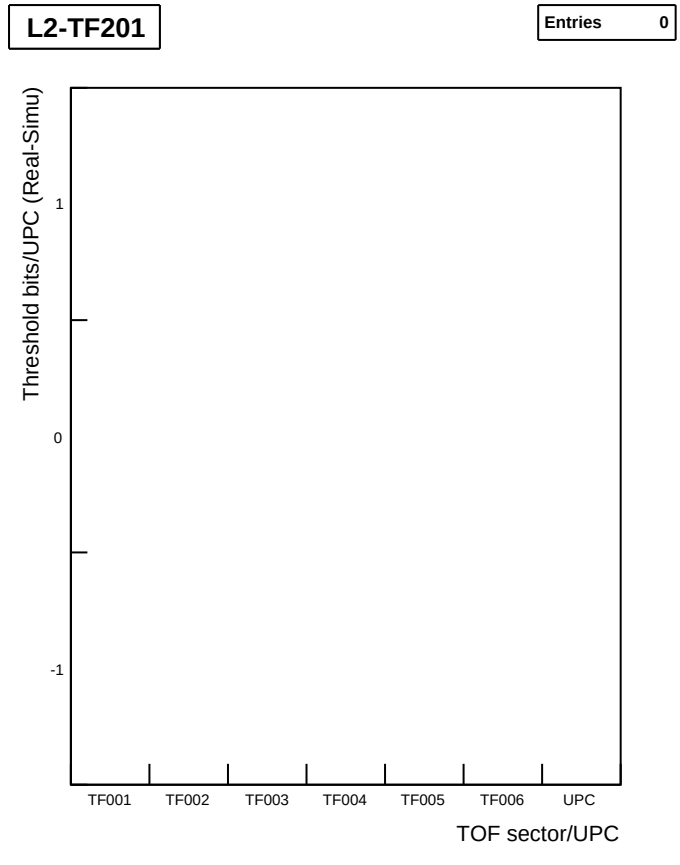

MIX-TF101
Entries 3258252
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

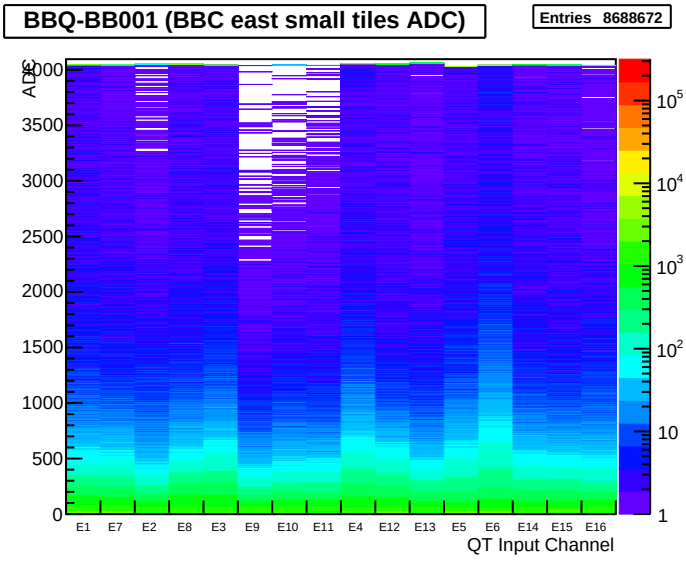

MIX-TF101
Entries 418873
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

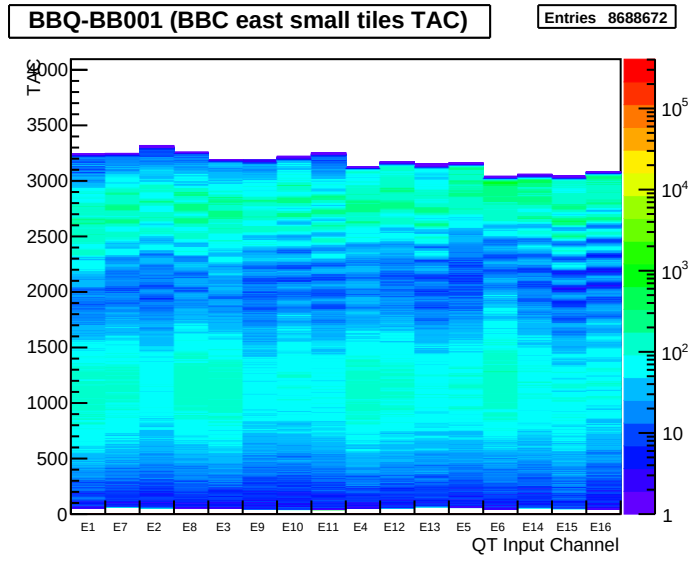

L2-TF201
Entries 543042
TOF total mult

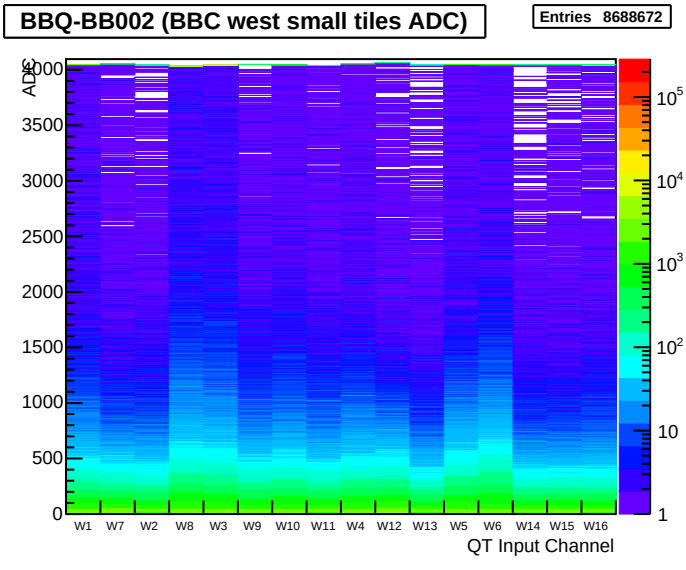

L2-TF201
Entries 0
TOF total mult(Real-Simu)

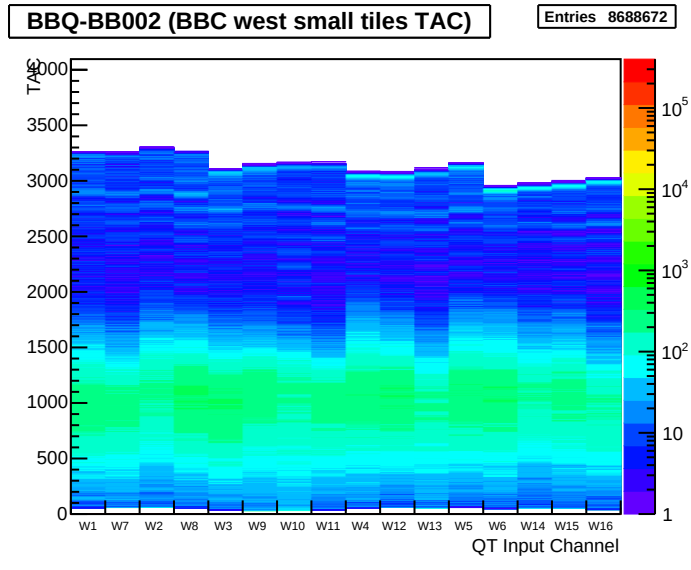

L2-TF201
Entries 3801294
Threshold/UPC bits
471340
475775
471145
475701
471640
469651
513302
71702
67267
71897
67341
71402
73391
29740
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

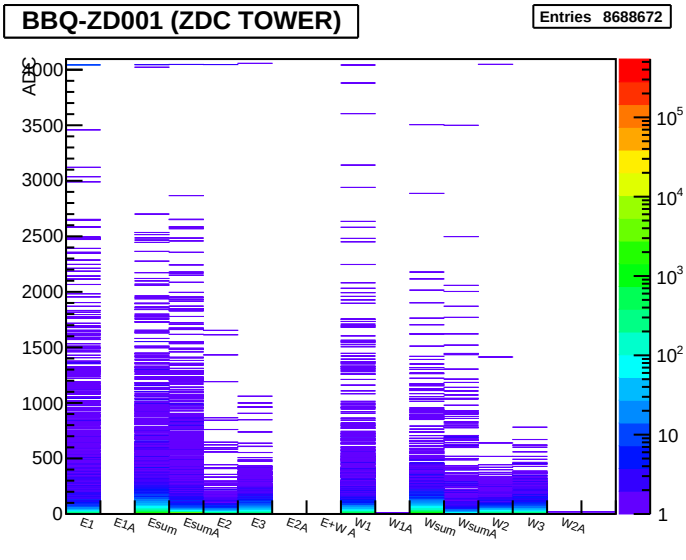

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

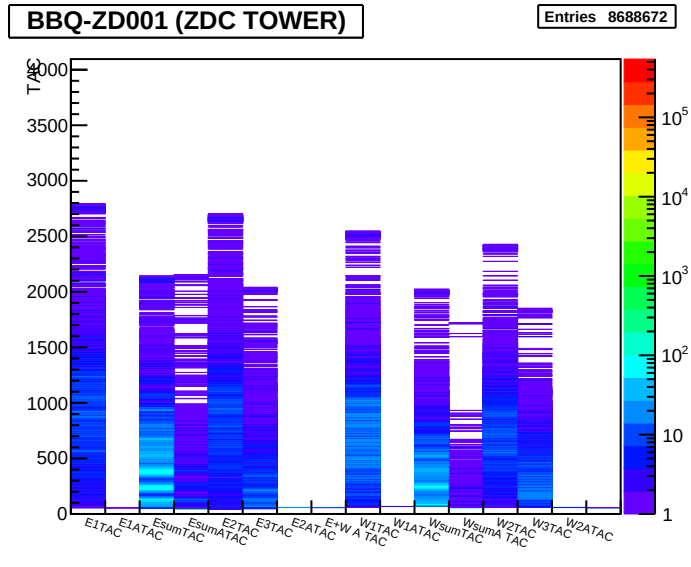

BBQ-BB001 (BBC east small tiles ADC)
Entries 8688672
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

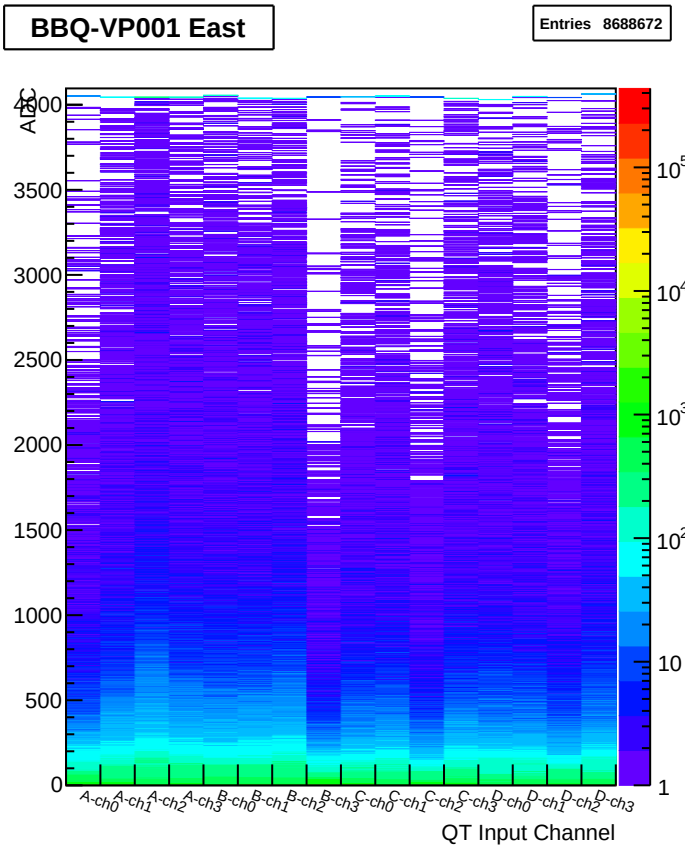

BBQ-BB001 (BBC east small tiles TAC)
Entries 8688672
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

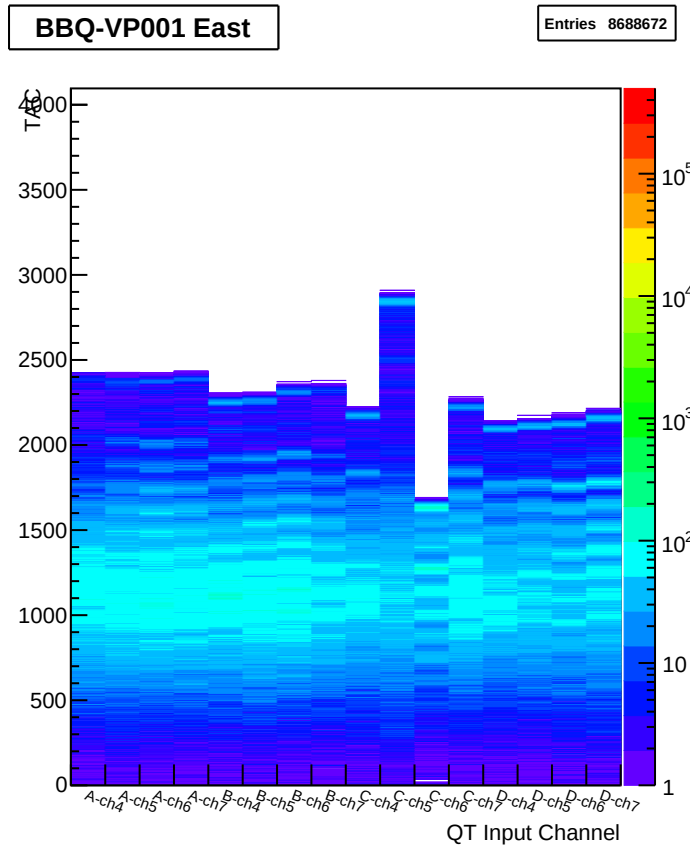

BBQ-BB002 (BBC west small tiles ADC)
Entries 8688672
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

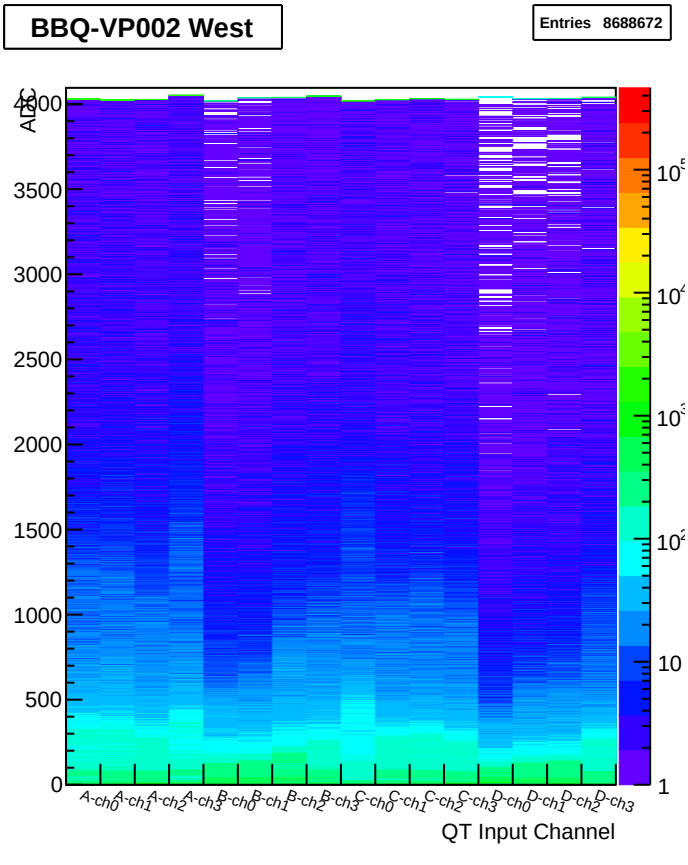

BBQ-BB002 (BBC west small tiles TAC)
Entries 8688672
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

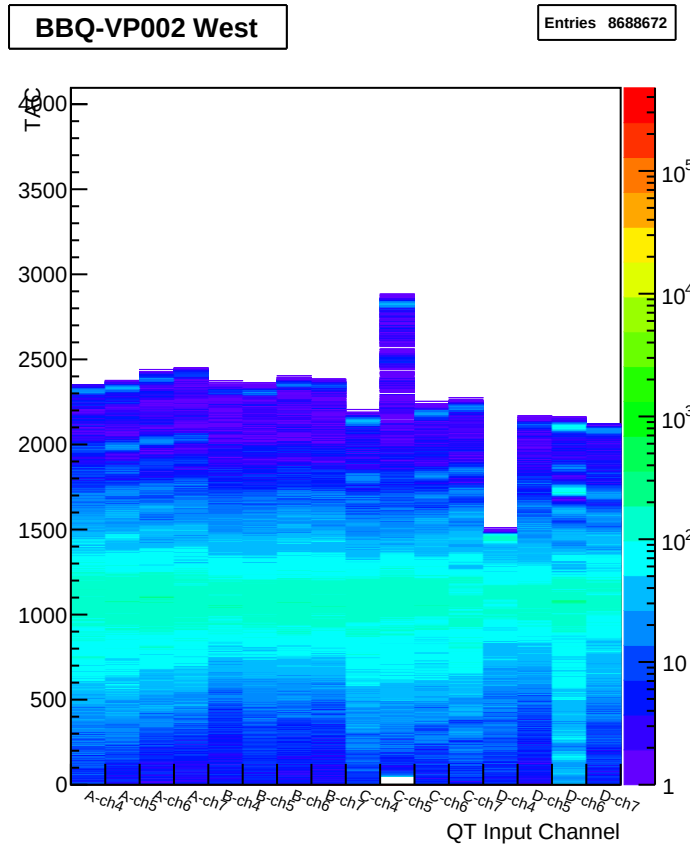

BBQ-ZD001 (ZDC TOWER)
Entries 8688672
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

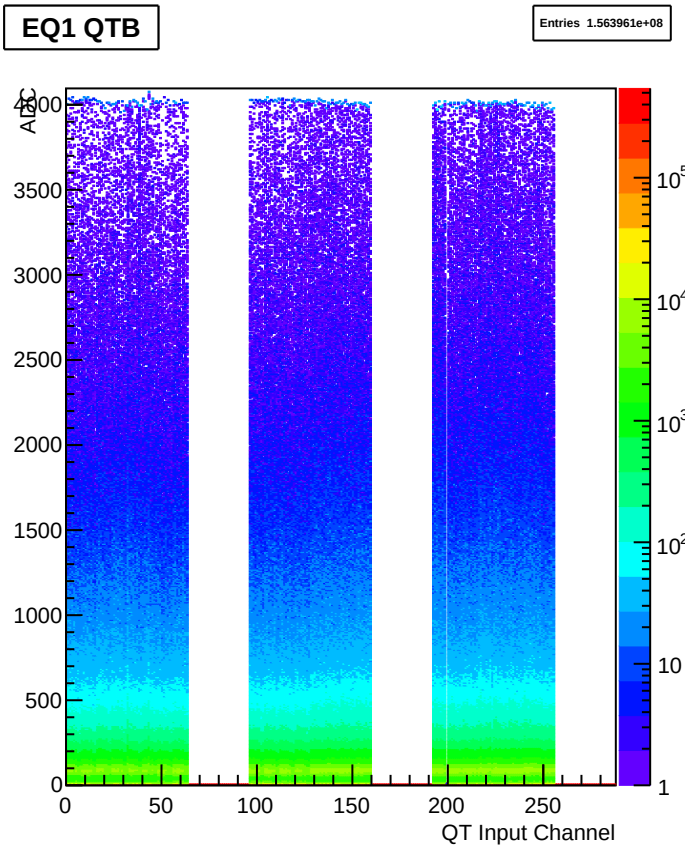

BBQ-ZD001 (ZDC TOWER)
Entries 8688672
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

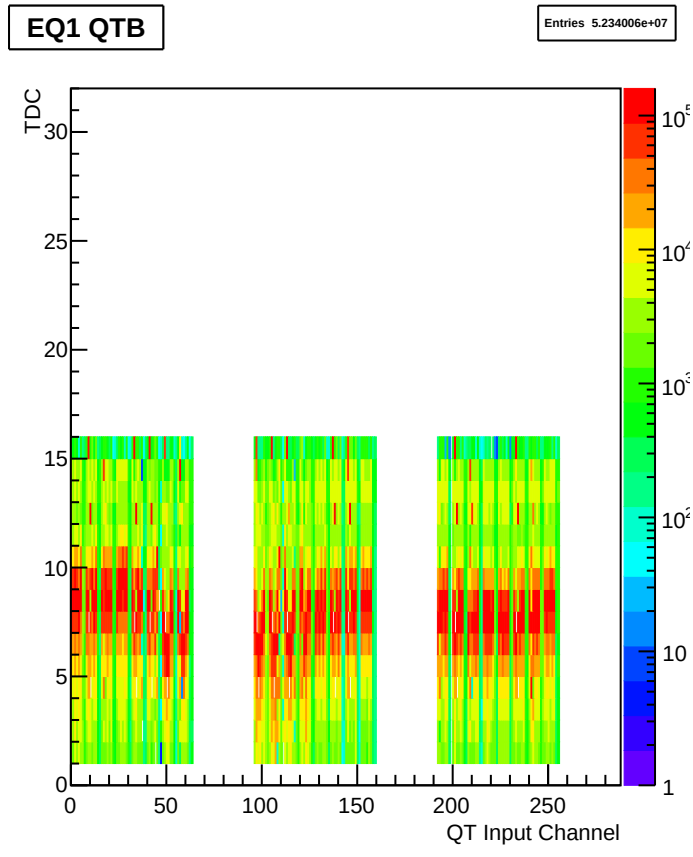

BBQ-VP001 East
Entries 8688672
ADC
QT Input Channel

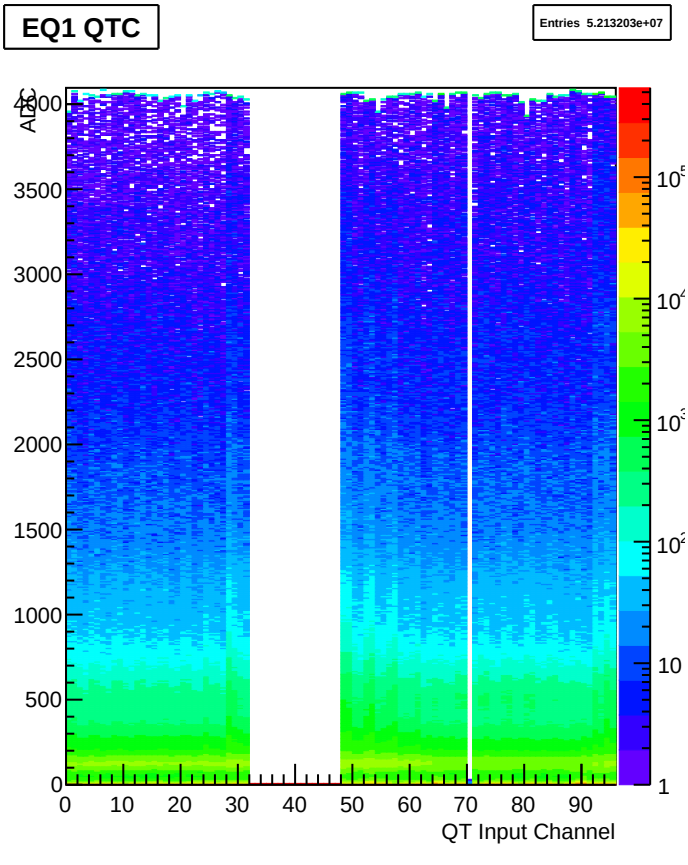

BBQ-VP001 East
Entries 8688672
TADC
QT Input Channel

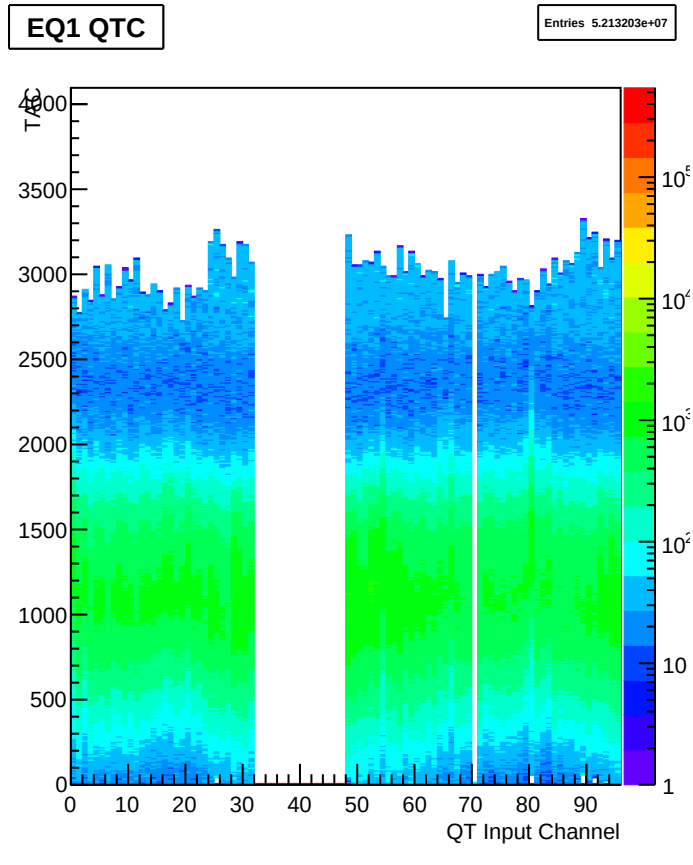

BBQ-VP002 West
Entries 8688672
ADC
QT Input Channel

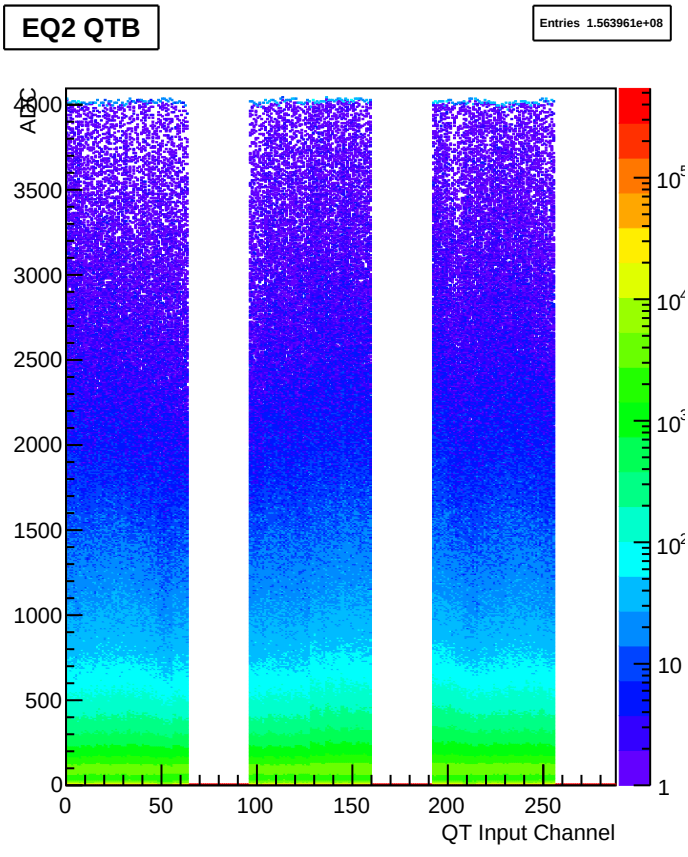

BBQ-VP002 West
Entries 8688672
TADC
QT Input Channel

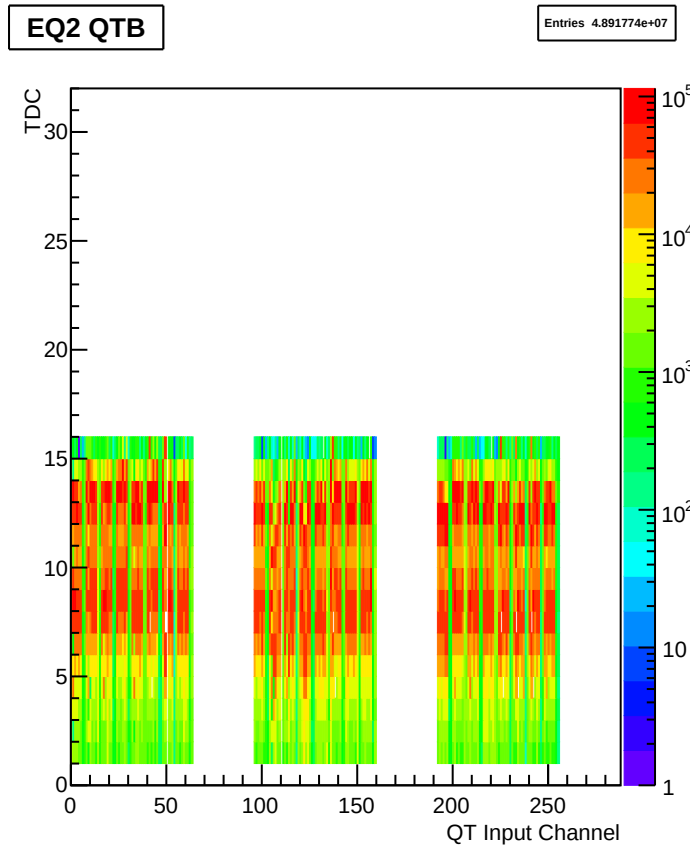

EQ1 QTB
Entries 1.563961e+08
ADC
QT Input Channel

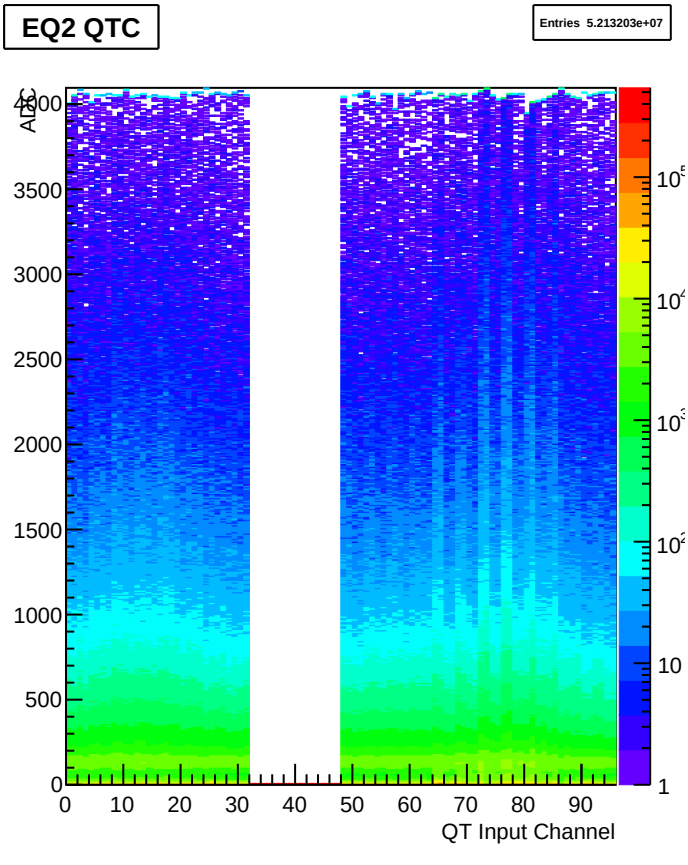

EQ1 QTB
Entries 5.234006e+07
TDC
QT Input Channel

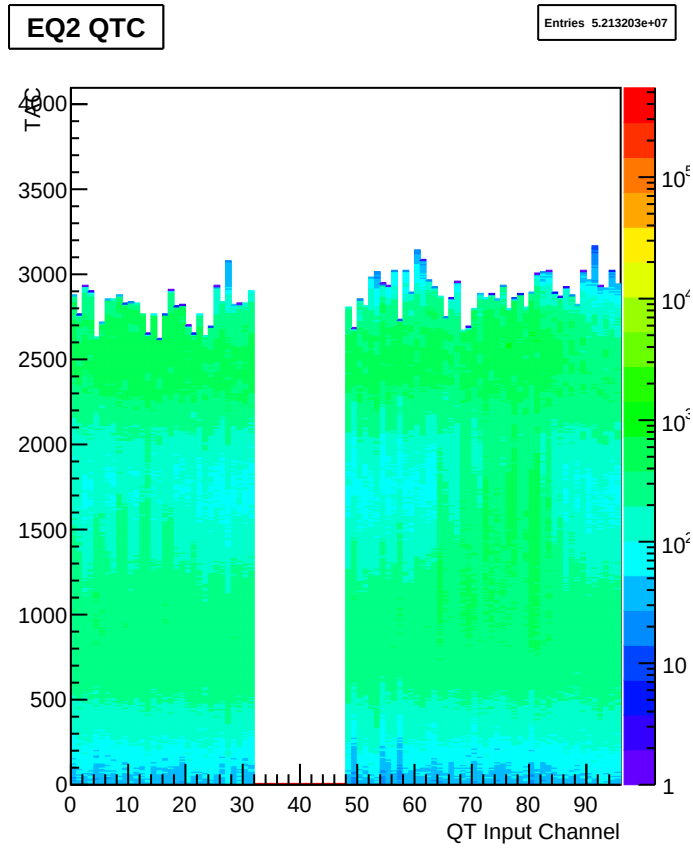

EQ1 QTC
Entries 5.213203e+07
ADC
QT Input Channel

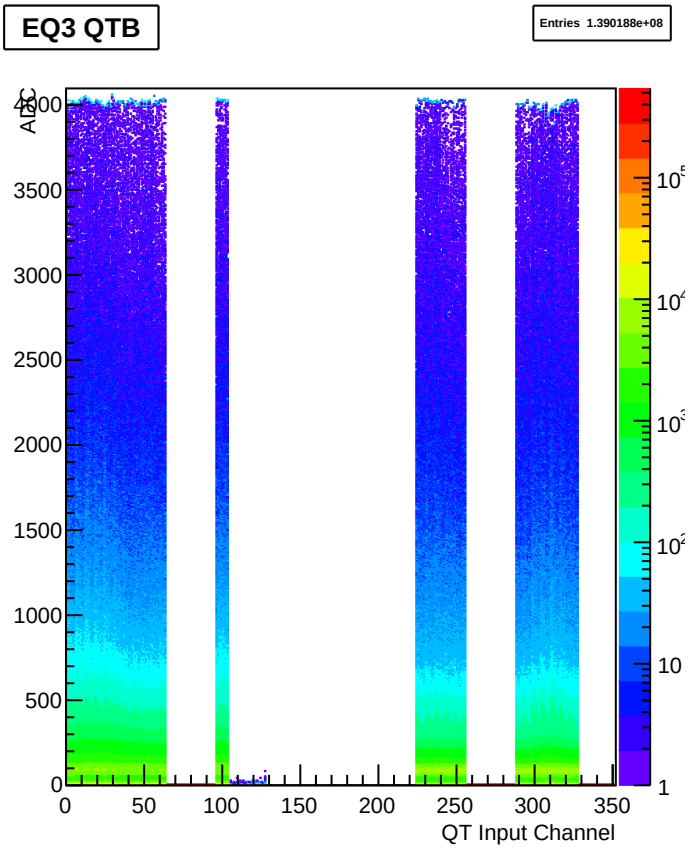

EQ1 QTC
Entries 5.213203e+07
TADC
QT Input Channel

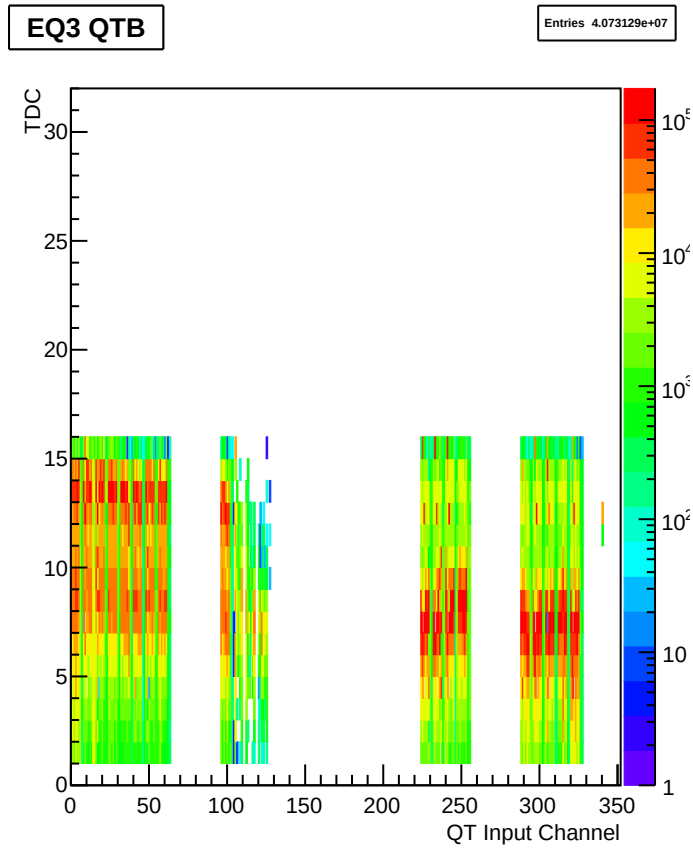

EQ2 QTB
Entries 1.563961e+08
ADC
QT Input Channel

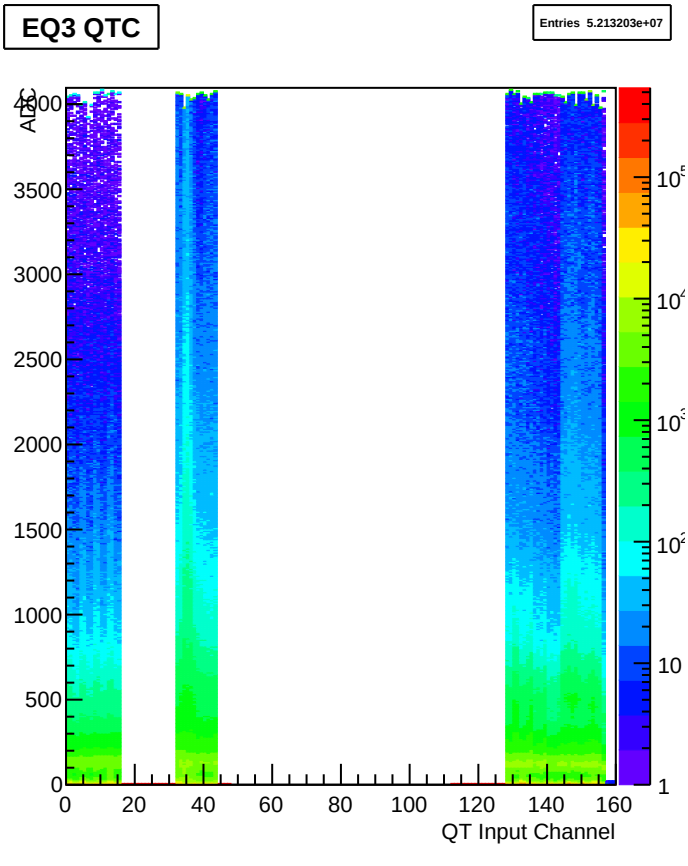

EQ2 QTB
Entries 4.891774e+07
TDC
QT Input Channel

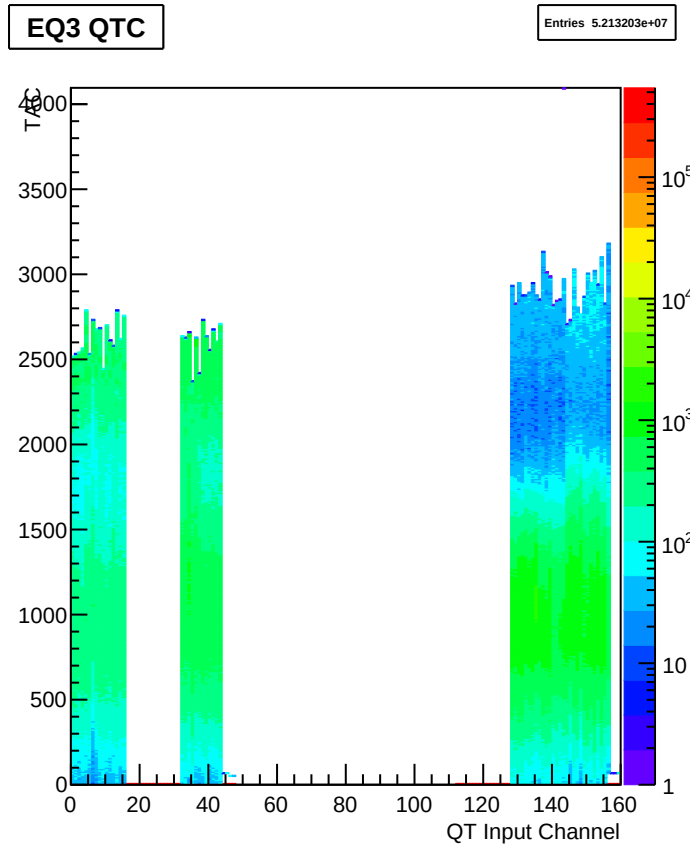

EQ2 QTC
Entries 5.213203e+07
ADC
QT Input Channel

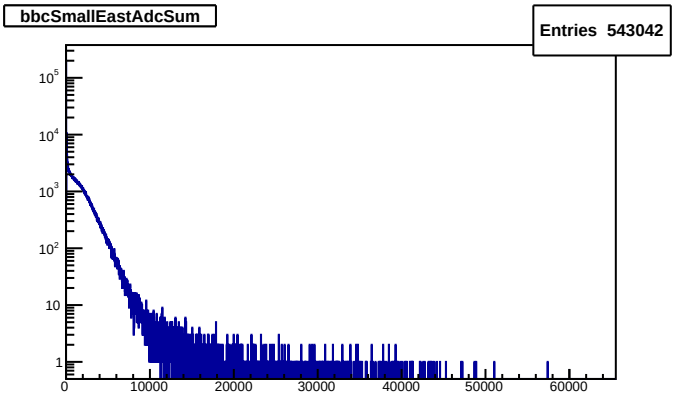

EQ2 QTC
Entries 5.213203e+07
TADC
QT Input Channel

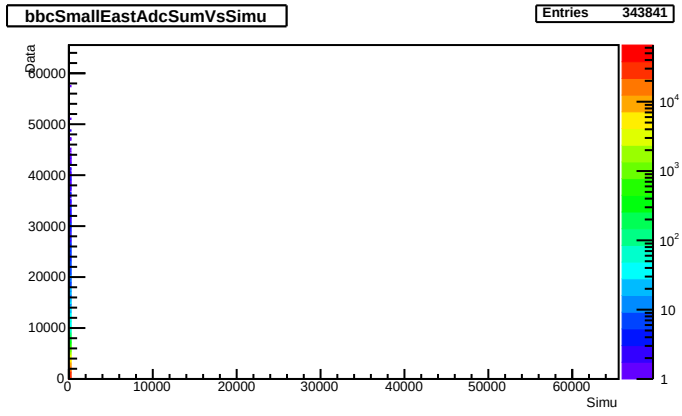

EQ3 QTB
Entries 1.390188e+08
ADC
QT Input Channel

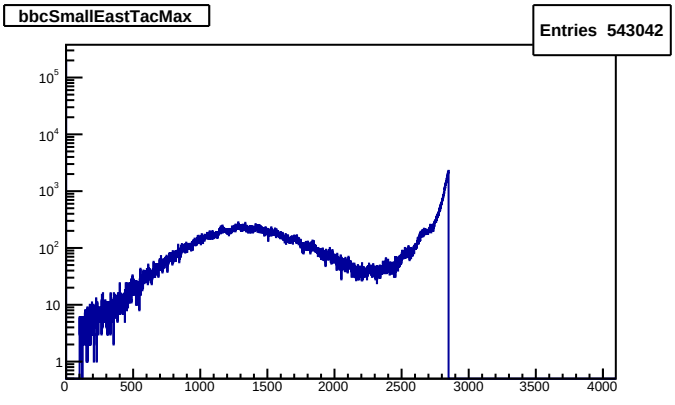

EQ3 QTB
Entries 4.073129e+07
TDC
QT Input Channel

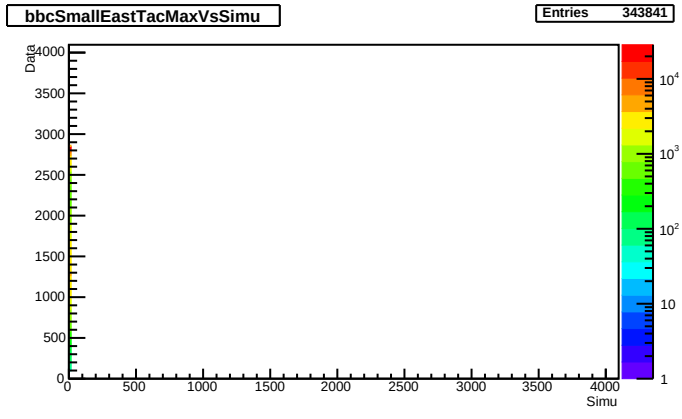

EQ3 QTC
Entries 5.213203e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.213203e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 543042


bbcSmallEastAdcSumVsSimu
Entries 343841
Data
Simu


bbcSmallEastTacMax
Entries 543042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Entries 343841
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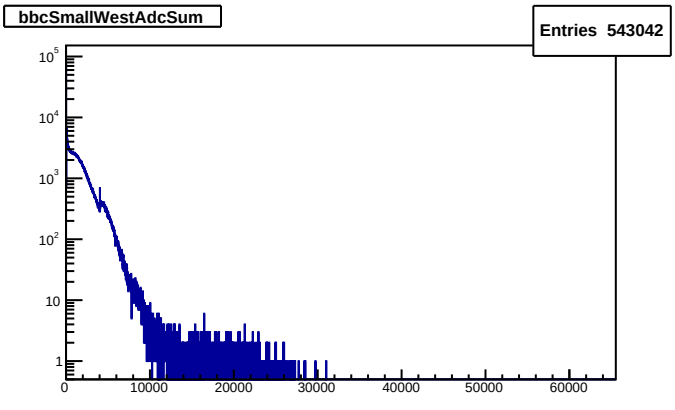
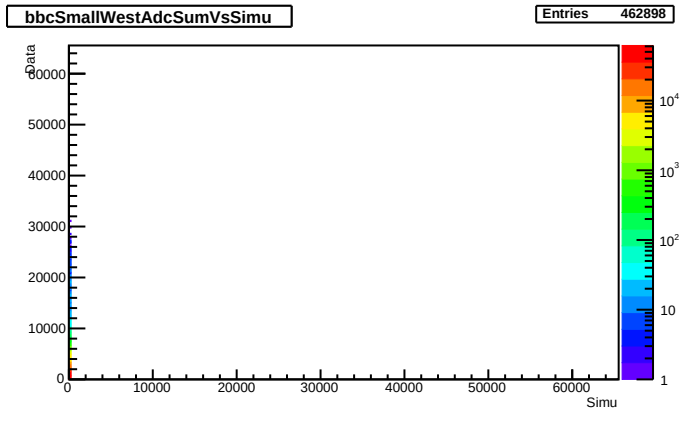
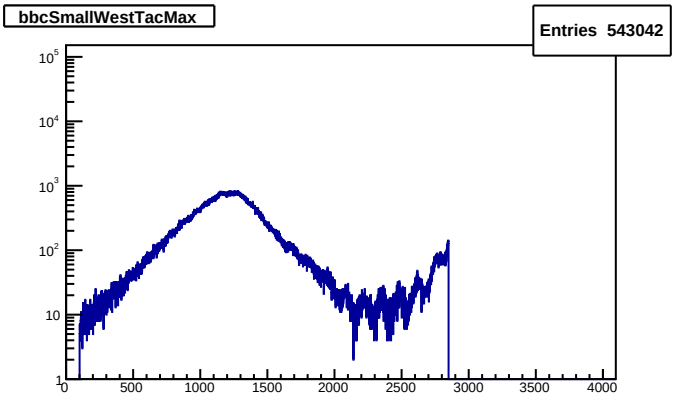

bbcSmallWestAdcSum
Entries 543042


bbcSmallWestAdcSumVsSimu
Entries 462898
Data
Simu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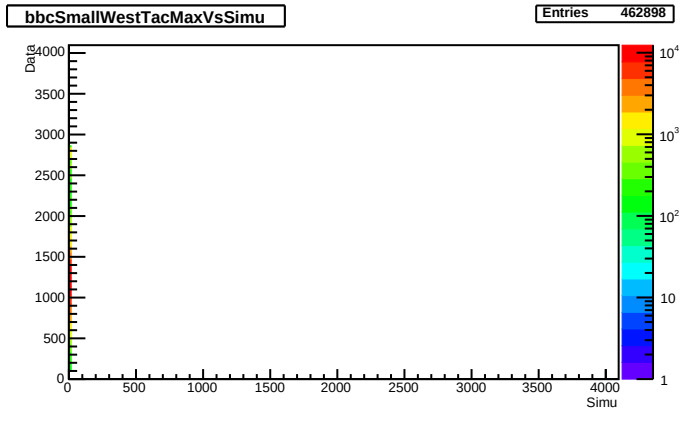
Entries 543042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Entries 462898
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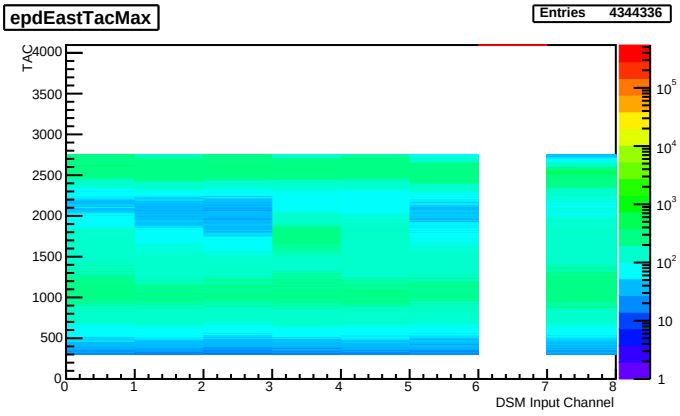
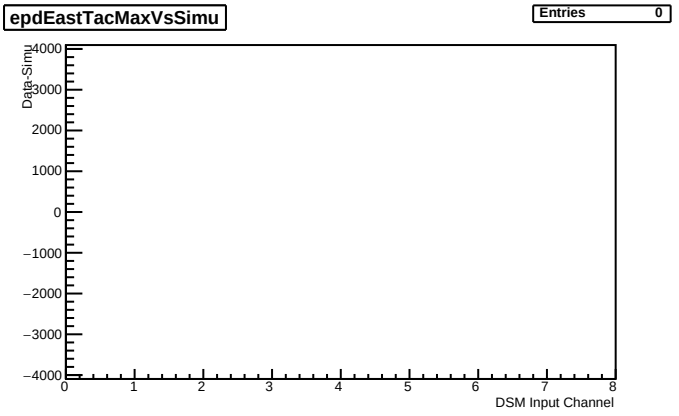
Simu


epdEastTacMax
Entries 4344336
TAC
DSM Input Channel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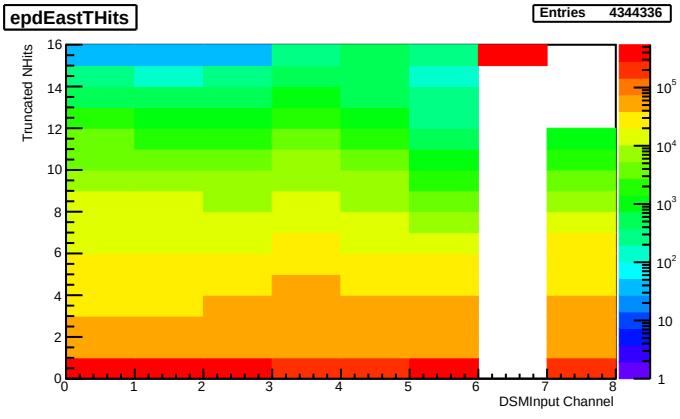
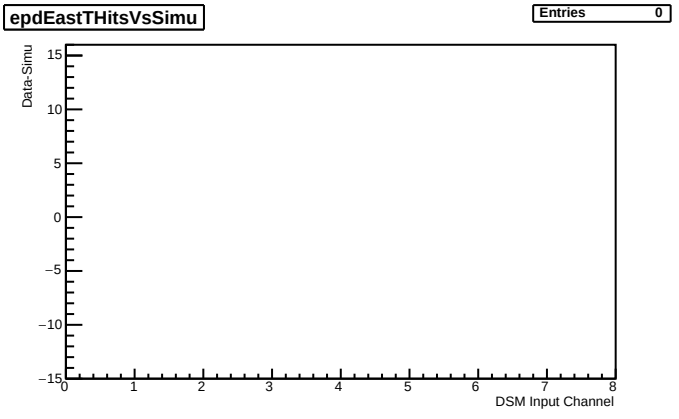
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4344336
Truncated NHits
DSMInput Channel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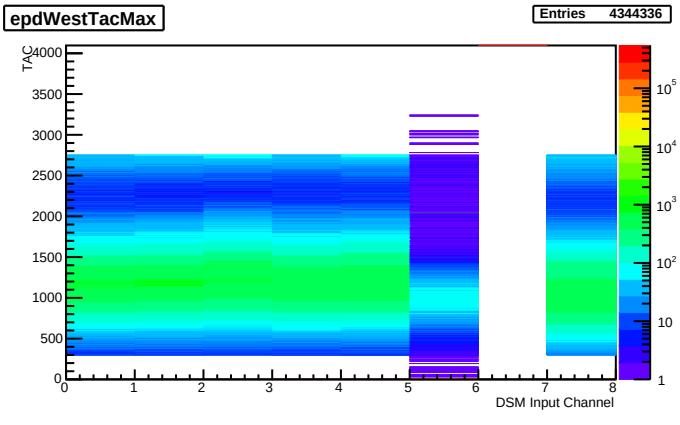
DSM Input Channel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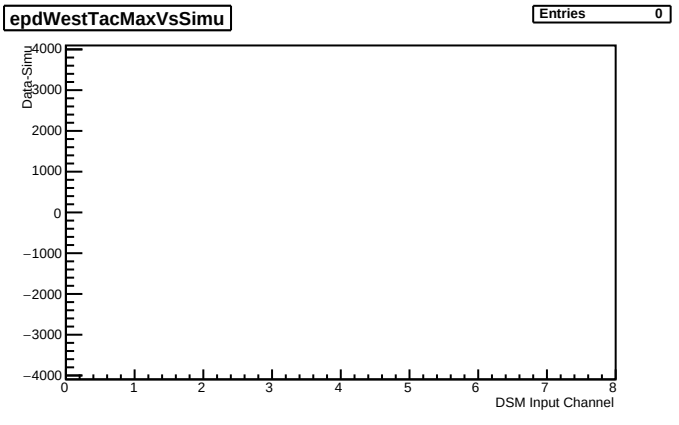
Entries 4344336
TAC
DSM Input Channel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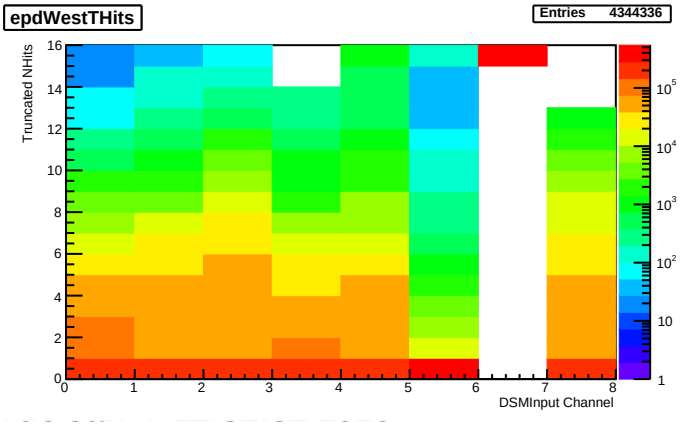
Data-Simu
DSM Input Channel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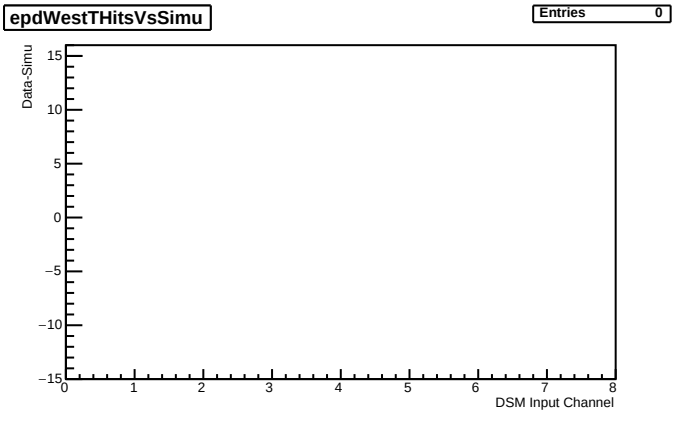
Entries 4344336
Truncated NHits
DSMInput Channel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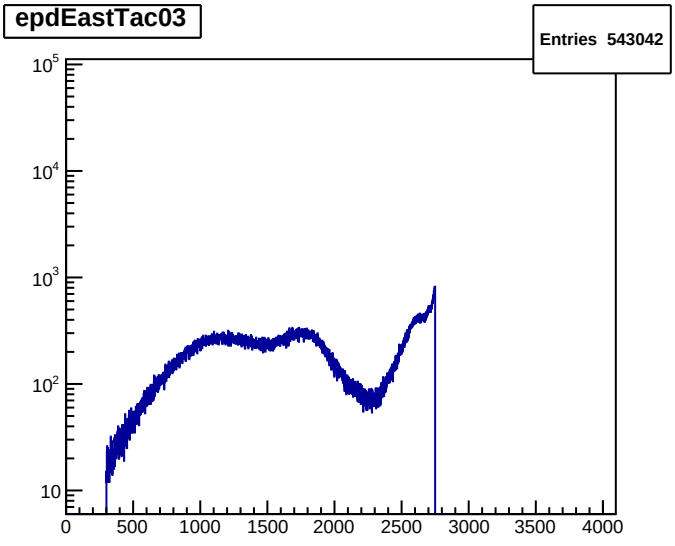
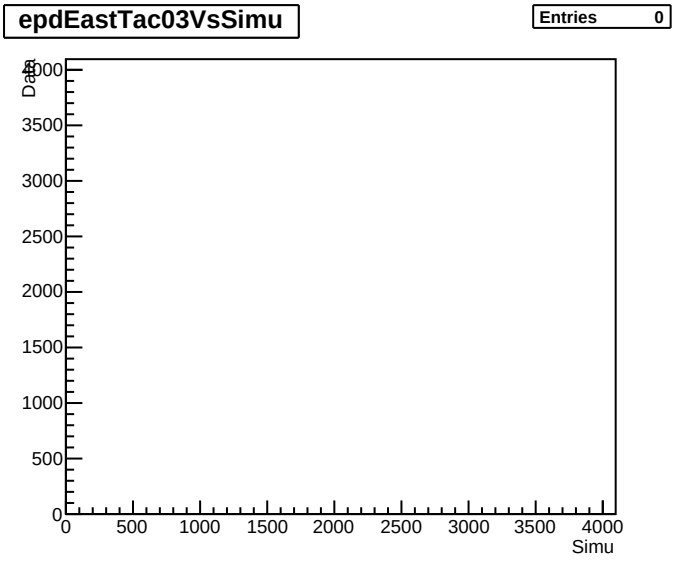
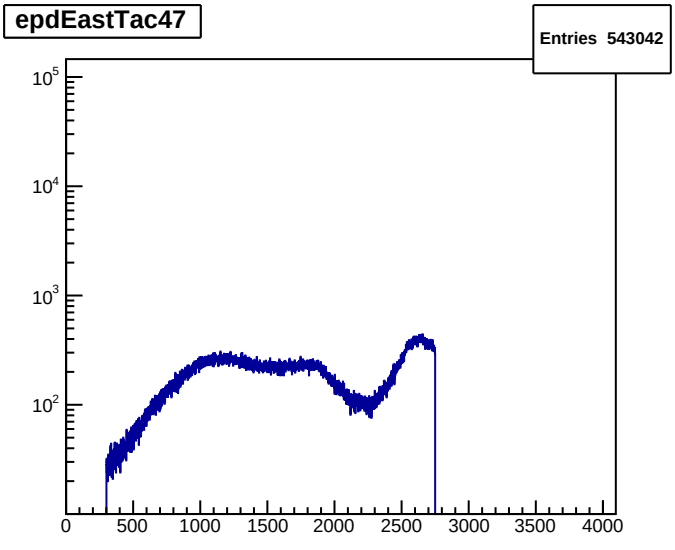
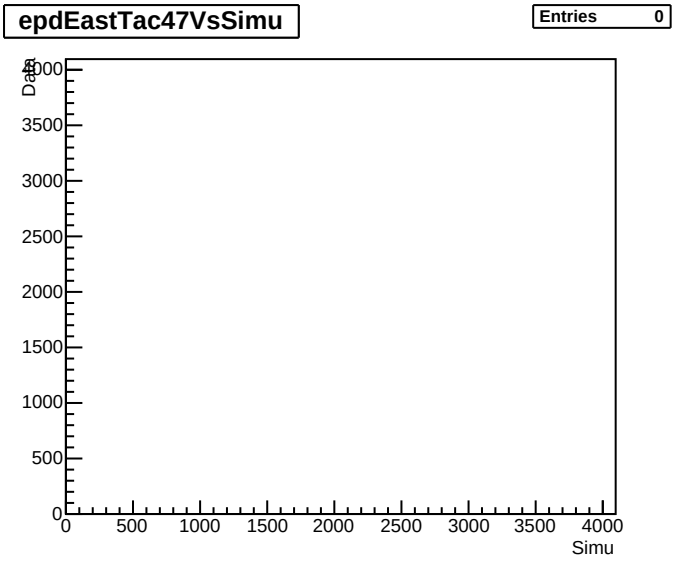
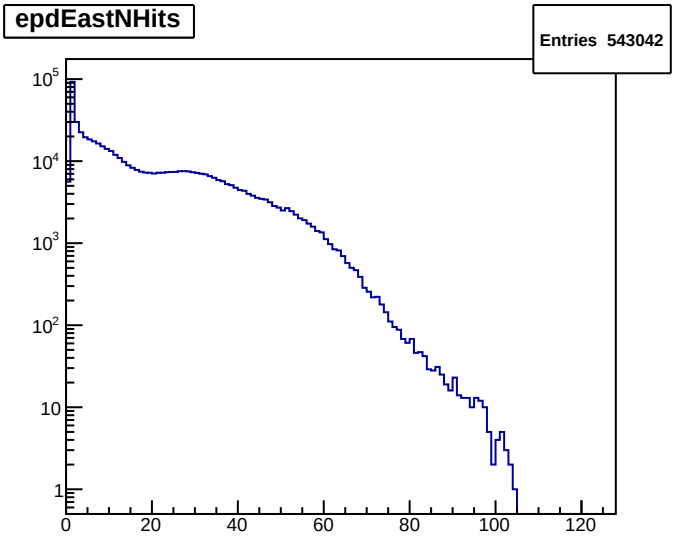
Entries 0
Data-Simu
DSM Input Channel

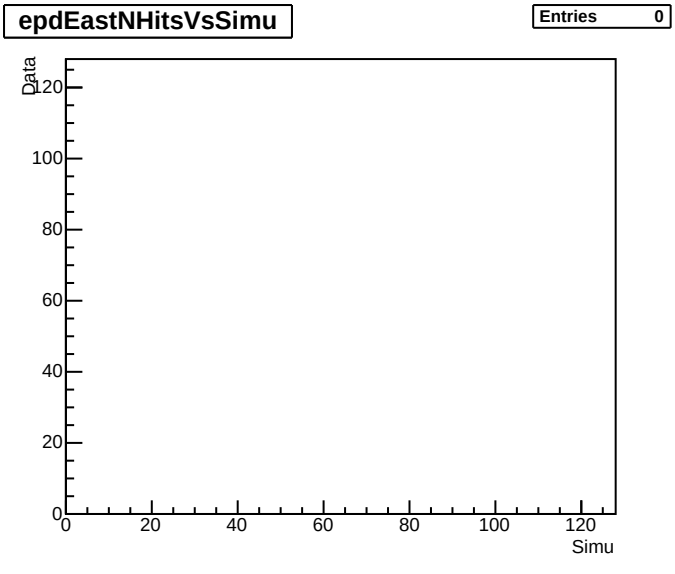

epdEastTac03
Entries 543042


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 543042


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 543042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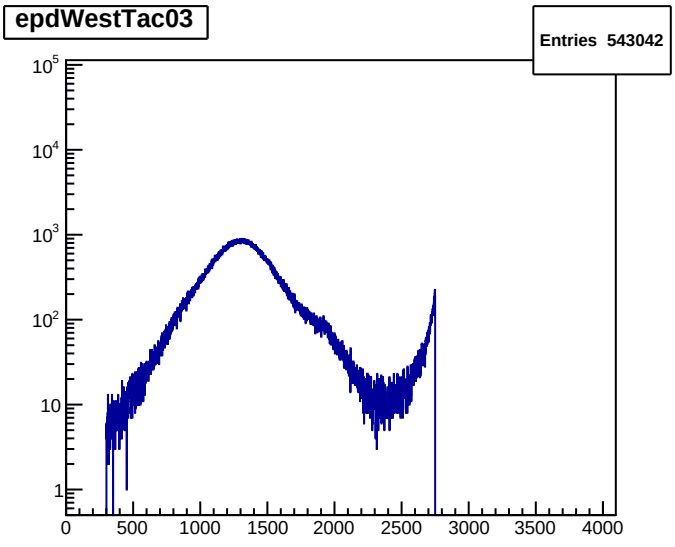
Entries 0
Data
Simu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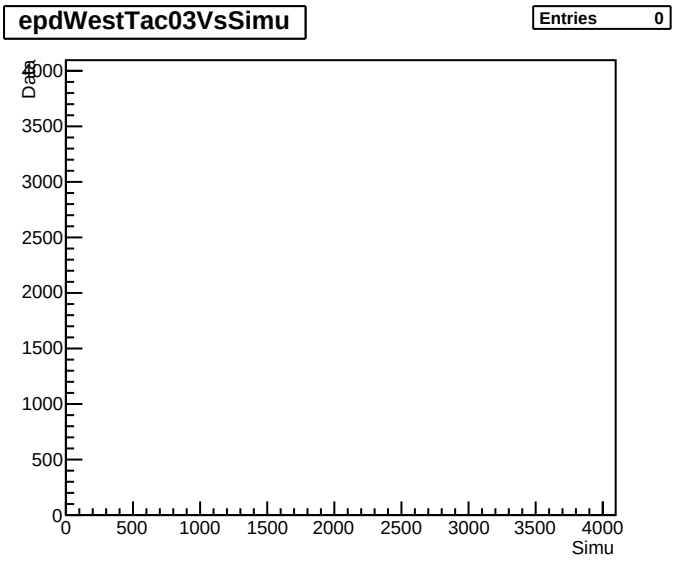
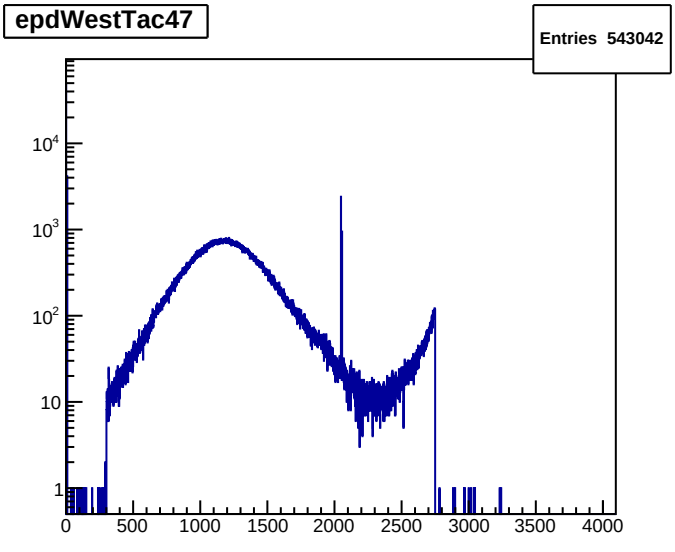
Entries 543042


epdWestTac03VsSimu
Entries 0
Data
Simu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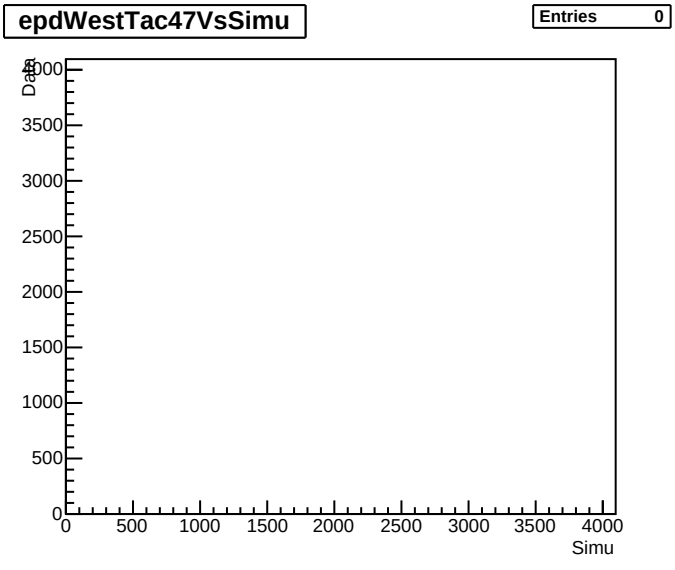
Entries 543042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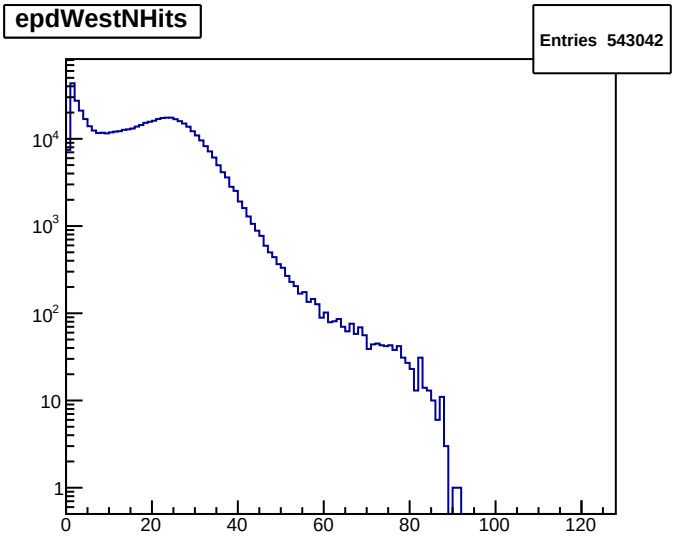
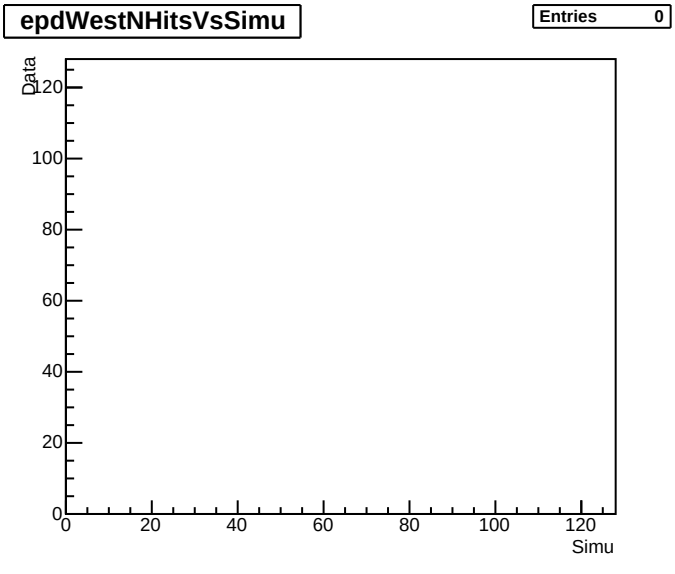
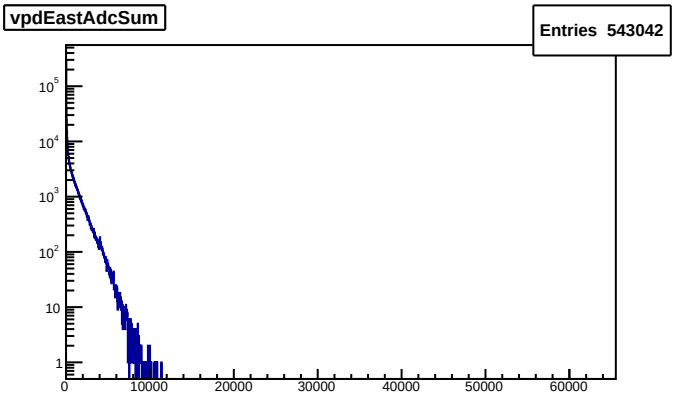
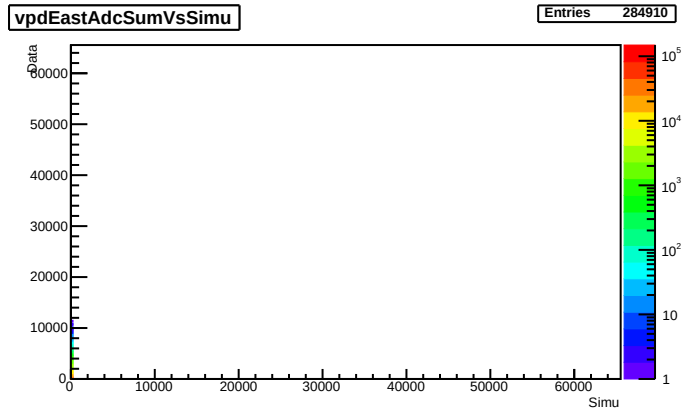
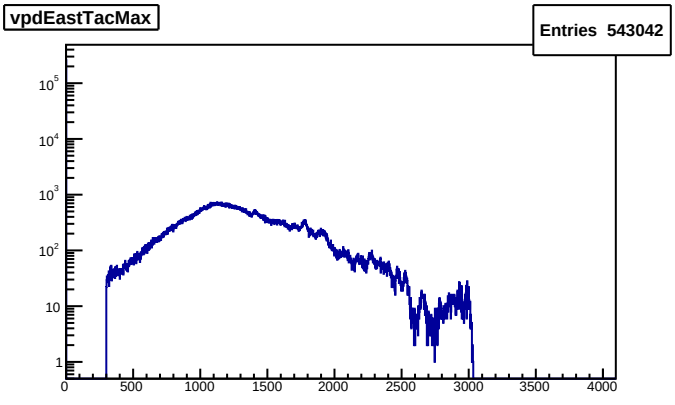
Entries 0
Data
Simu

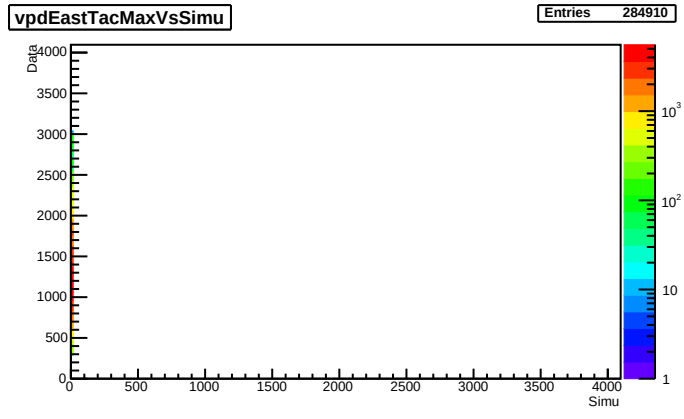

epdWestNHits
Entries 543042

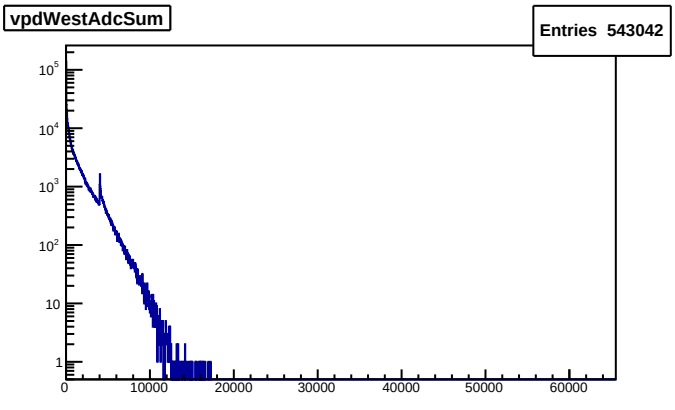

epdWestNHitsVsSimu
Entries 0
Data
Simu

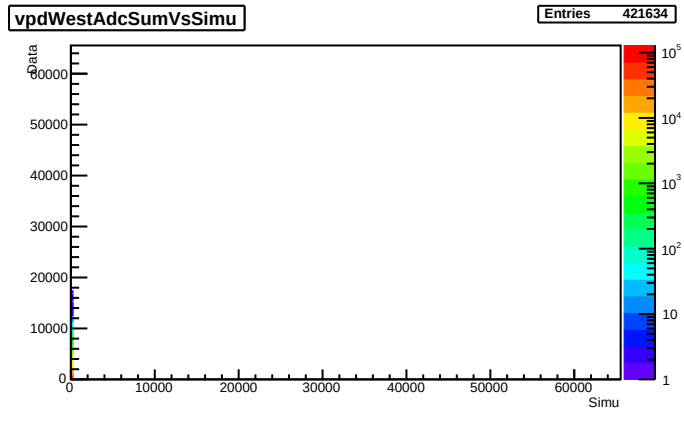

vpdEastAdcSum
Entries 543042

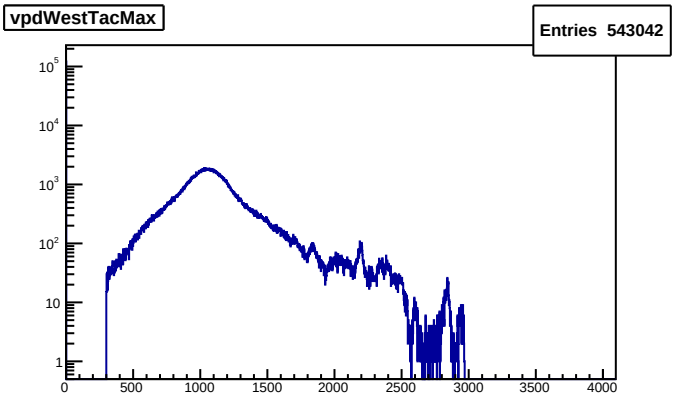

vpdEastAdcSumVsSimu
Entries 284910
Data
Simu

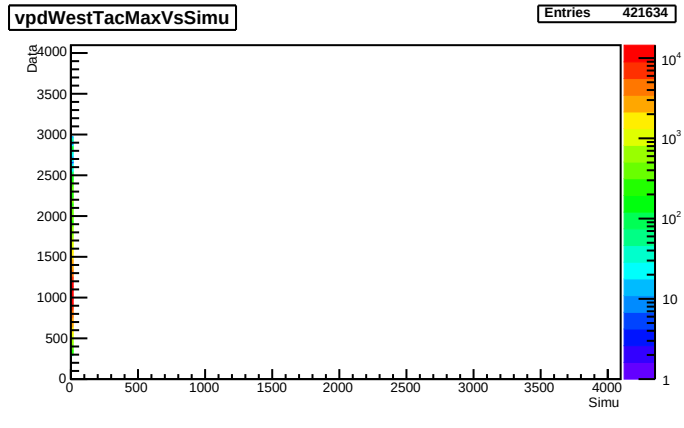

vpdEastTacMax
Entries 543042

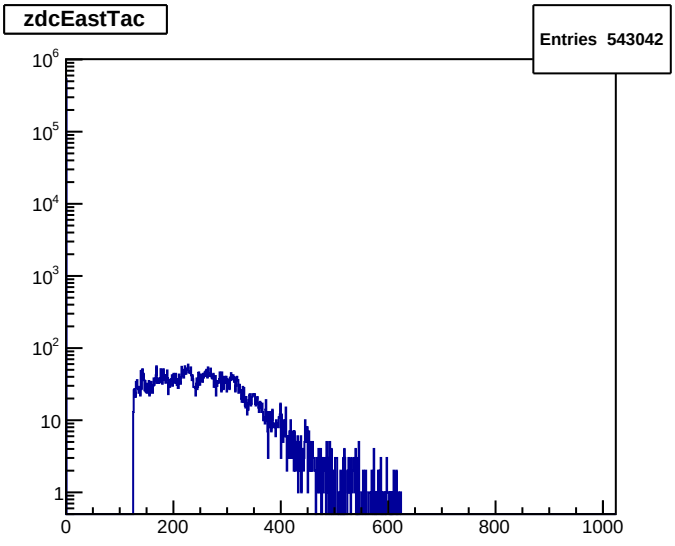

vpdEastTacMaxVsSimu
Entries 284910
Data
Simu

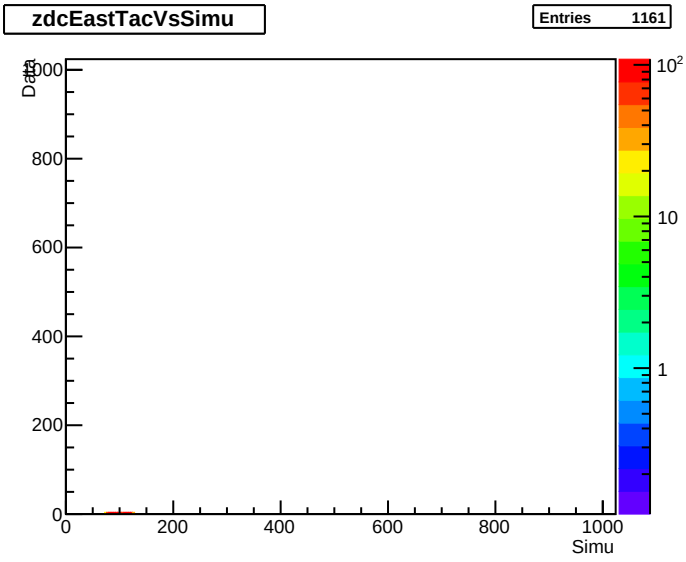

vpdWestAdcSum
Entries 543042

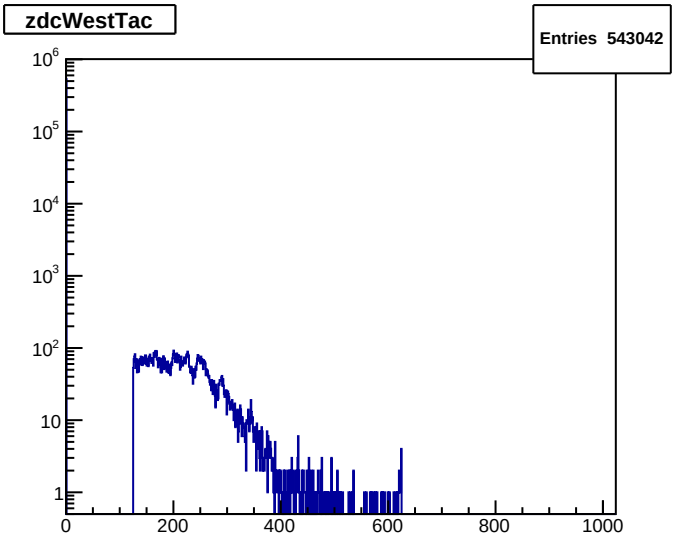

vpdWestAdcSumVsSimu
Entries 421634
Data
Simu

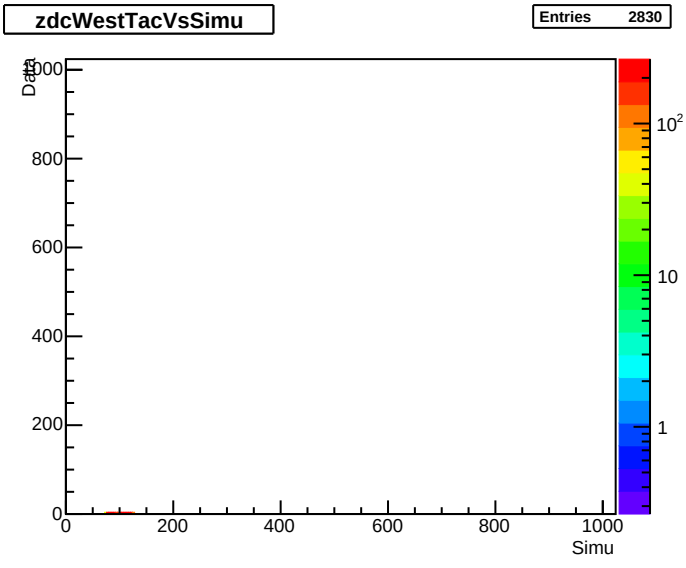

vpdWestTacMax
Entries 543042

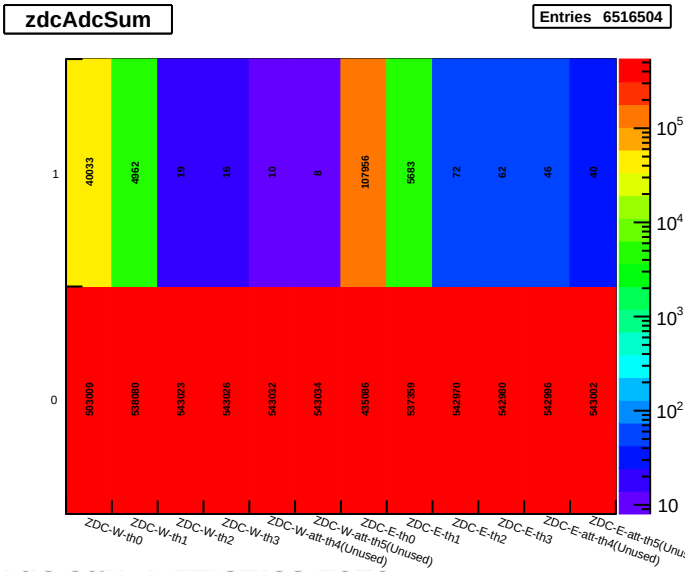

vpdWestTacMaxVsSimu
Entries 421634
Data
Simu

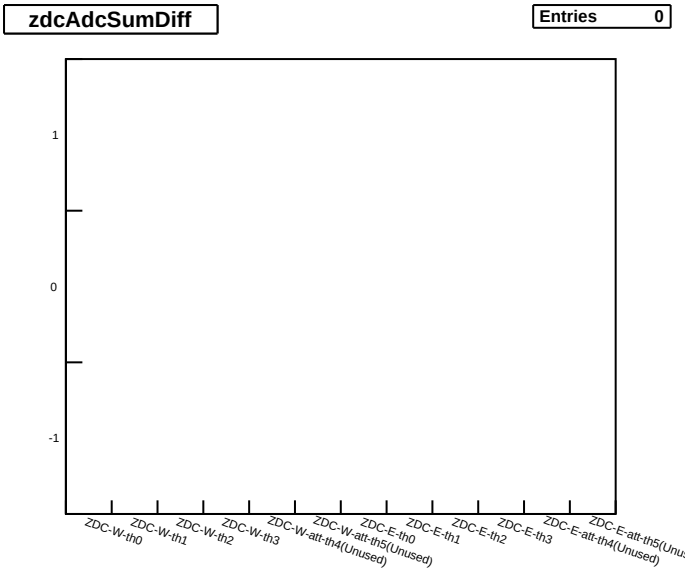

zdcEastTac
Entries 543042

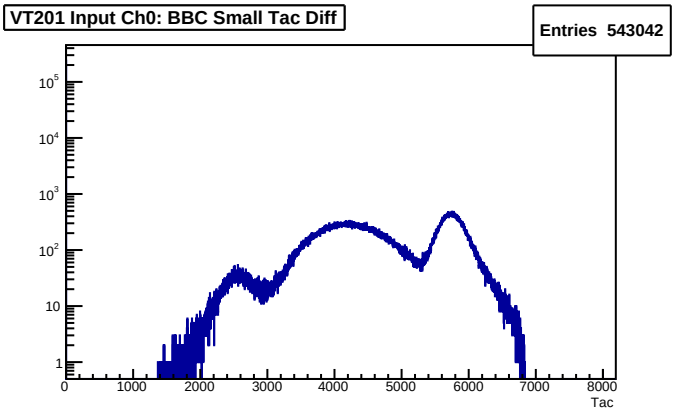

zdcEastTacVsSimu
Entries 1161
Data
Simu

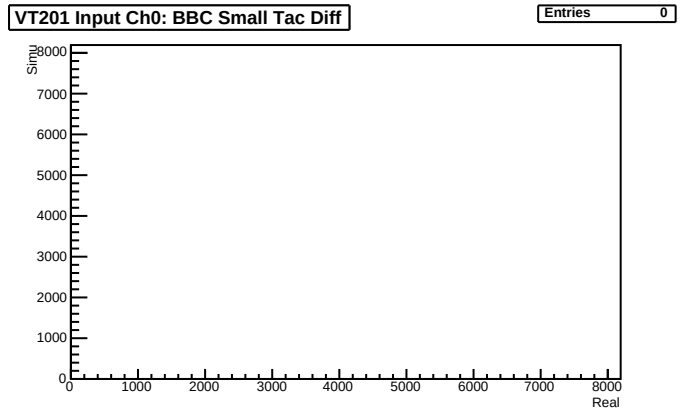

zdcWestTac
Entries 543042

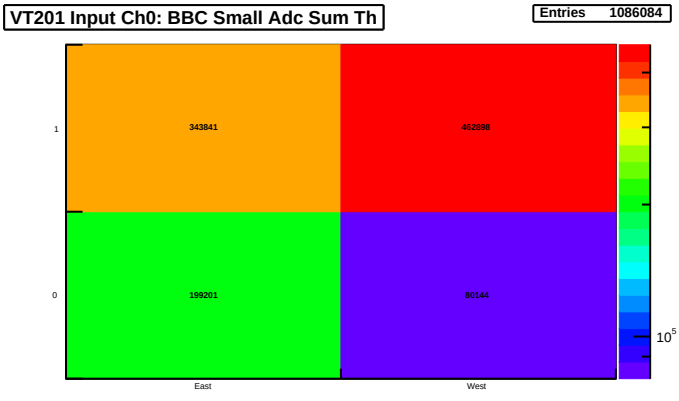

zdcWestTacVsSimu
Entries 2830
Data
Simu

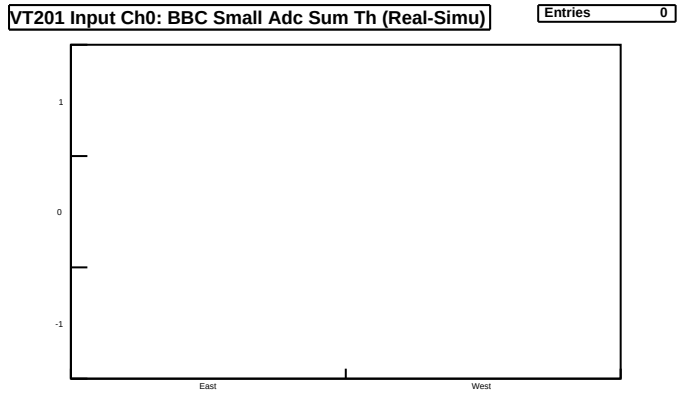

zdcAdcSum
Entries 6516504
40033
4962
19
16
10
8
107956
5683
72
62
46
40
503009
538080
543023
543026
543032
543034
435086
537399
542970
542980
542996
543002
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

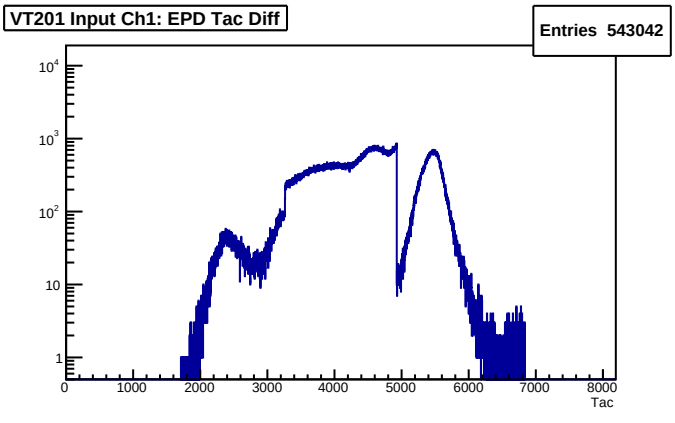

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

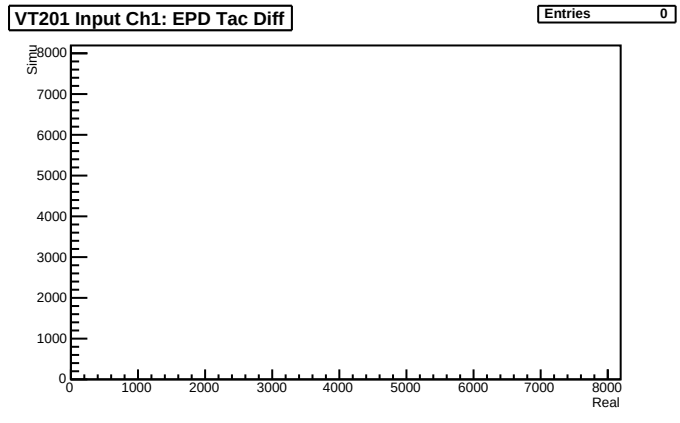

VT201 Input Ch0: BBC Small Tac Diff
Entries 543042
Tac

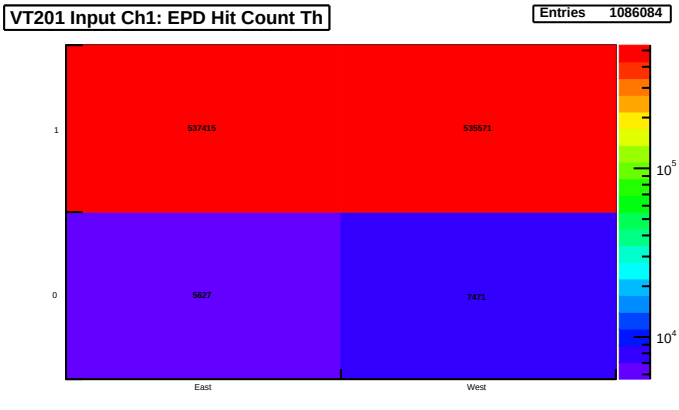

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

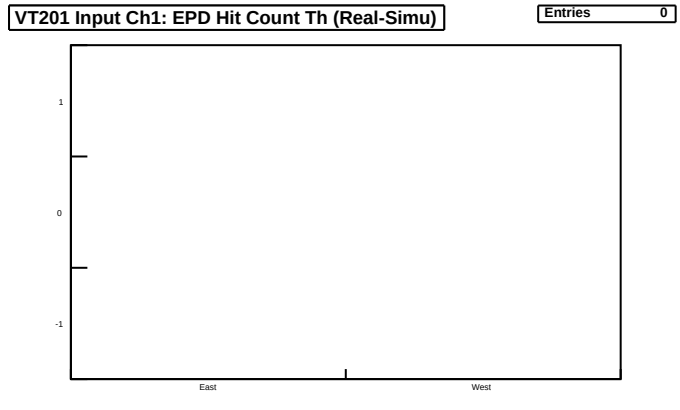

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1086084
343841
462898
199201
80144
East
West

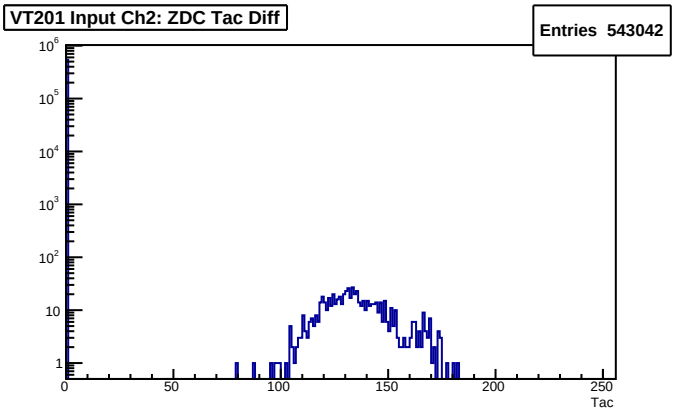

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

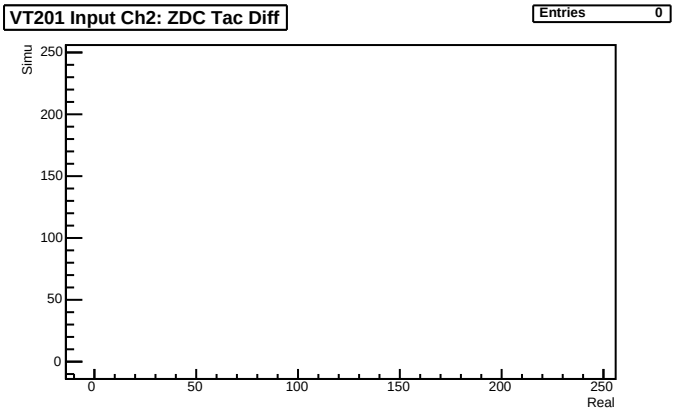

VT201 Input Ch1: EPD Tac Diff
Entries 543042
Tac

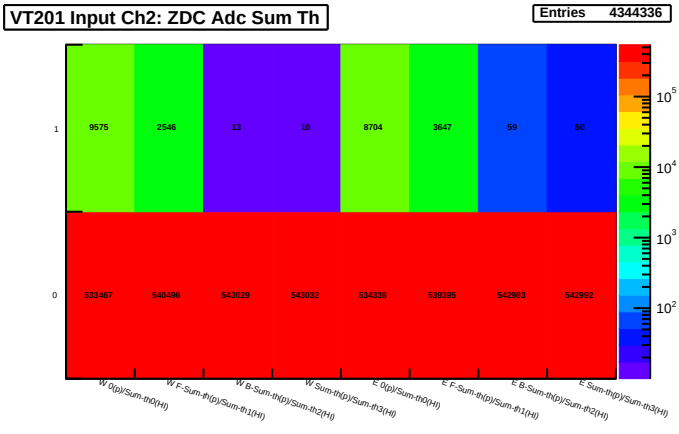

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

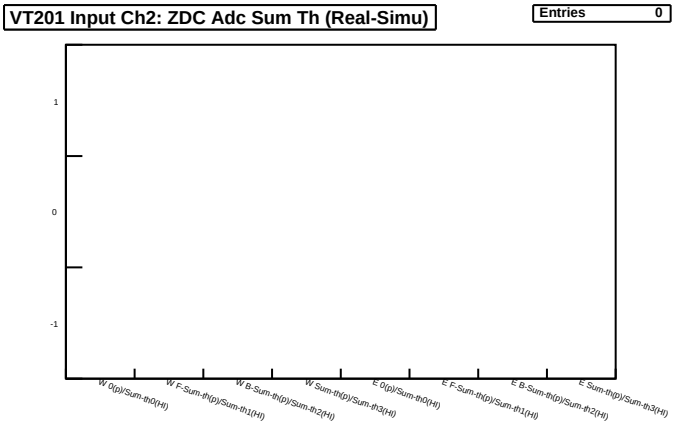

VT201 Input Ch1: EPD Hit Count Th
Entries 1086084
537415
535571
5627
7471
East
West

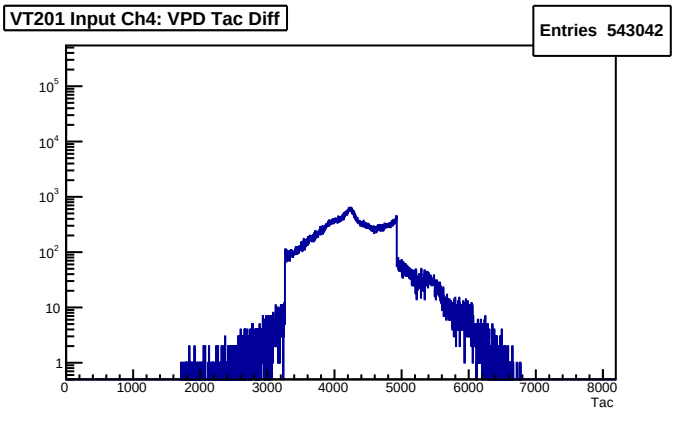

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

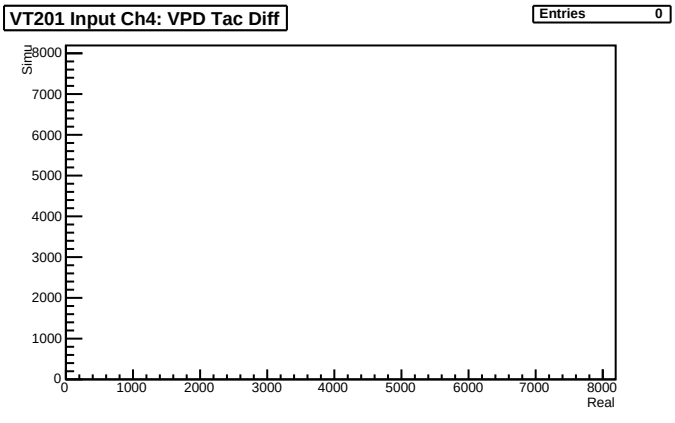

VT201 Input Ch2: ZDC Tac Diff
Entries 543042
Tac

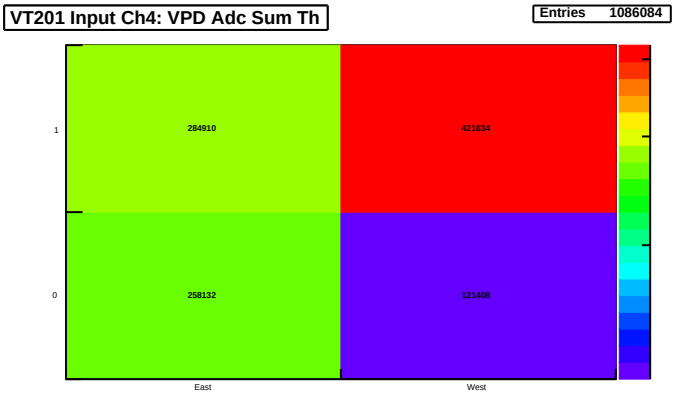

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

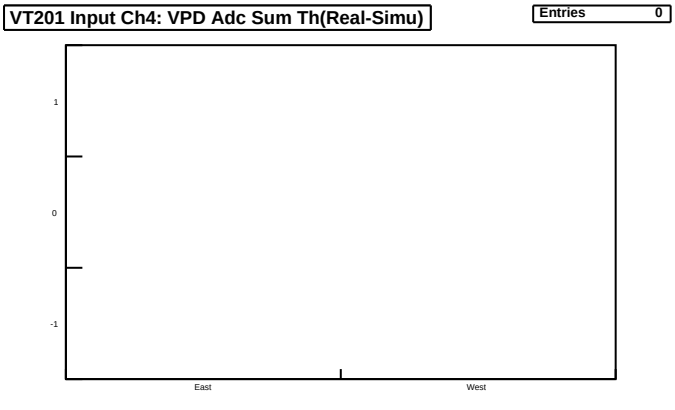

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4344336
9575
2546
13
10
8704
3647
59
50
533467
540496
543029
543032
534338
539395
542983
542992
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

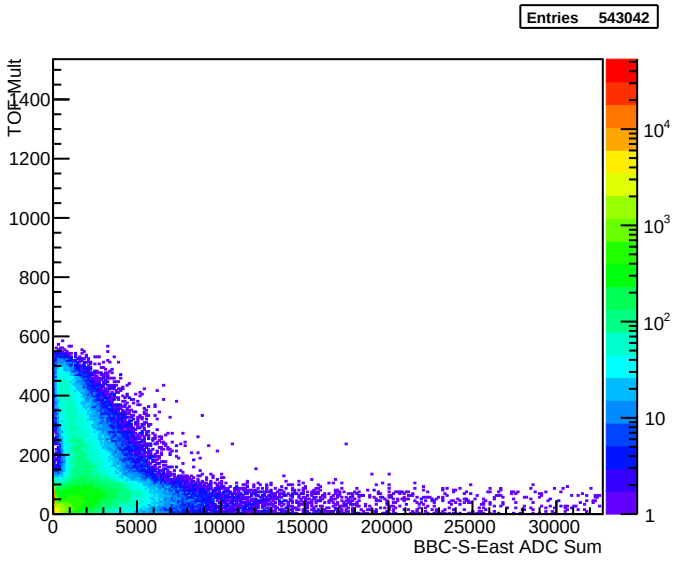

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

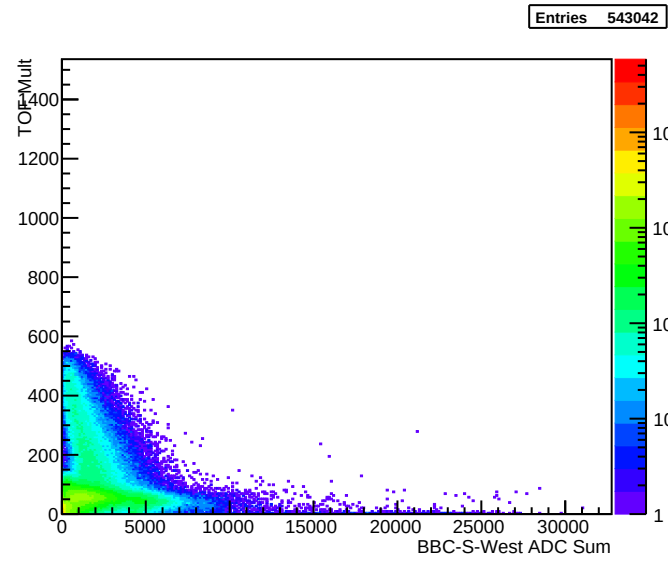

VT201 Input Ch4: VPD Tac Diff
Entries 543042
Tac

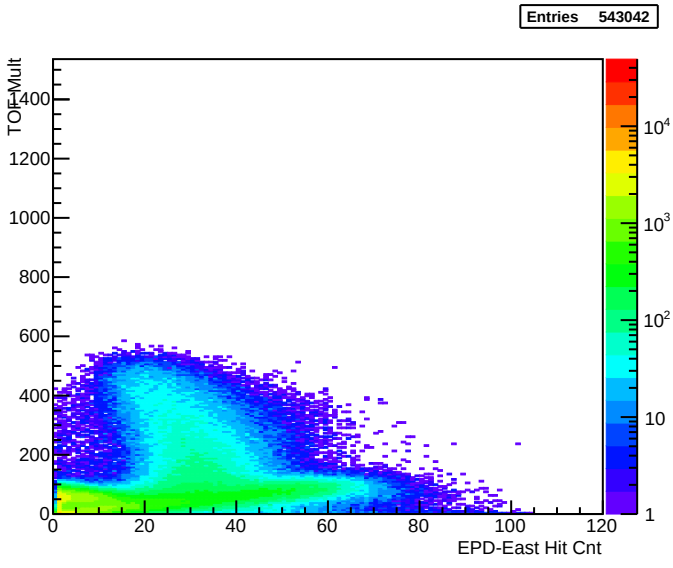

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

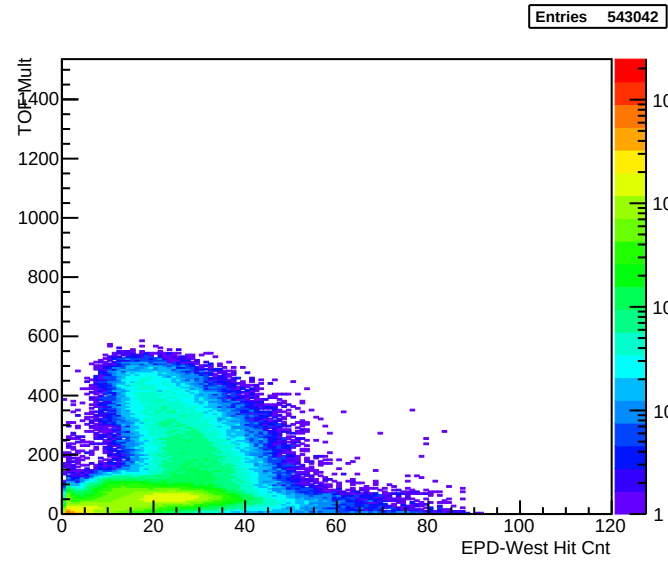

VT201 Input Ch4: VPD Adc Sum Th
Entries 1086084
284910
421634
258132
121408
East
West

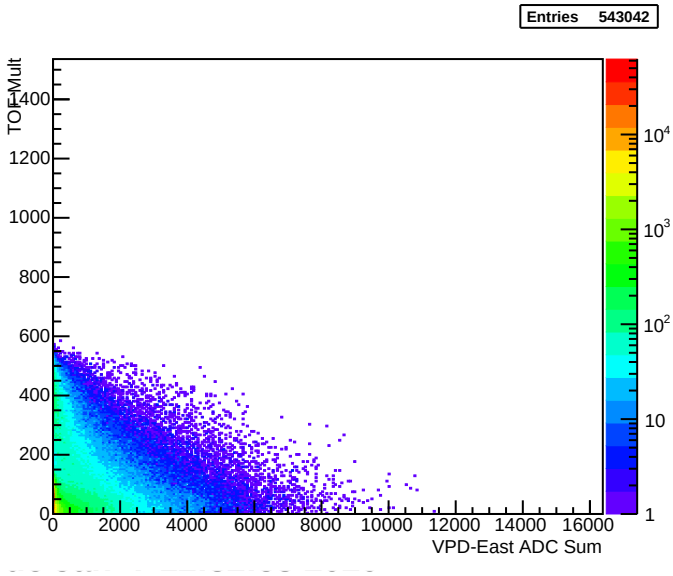

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

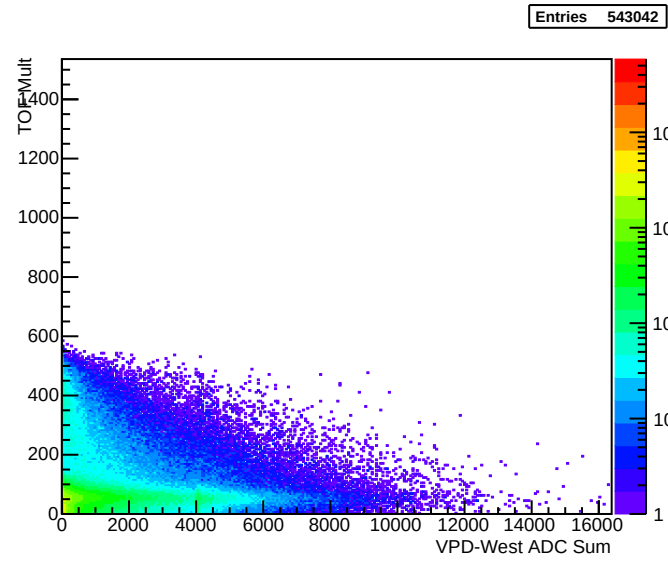

Entries 543042
TOF-Mult
BBC-S-East ADC Sum

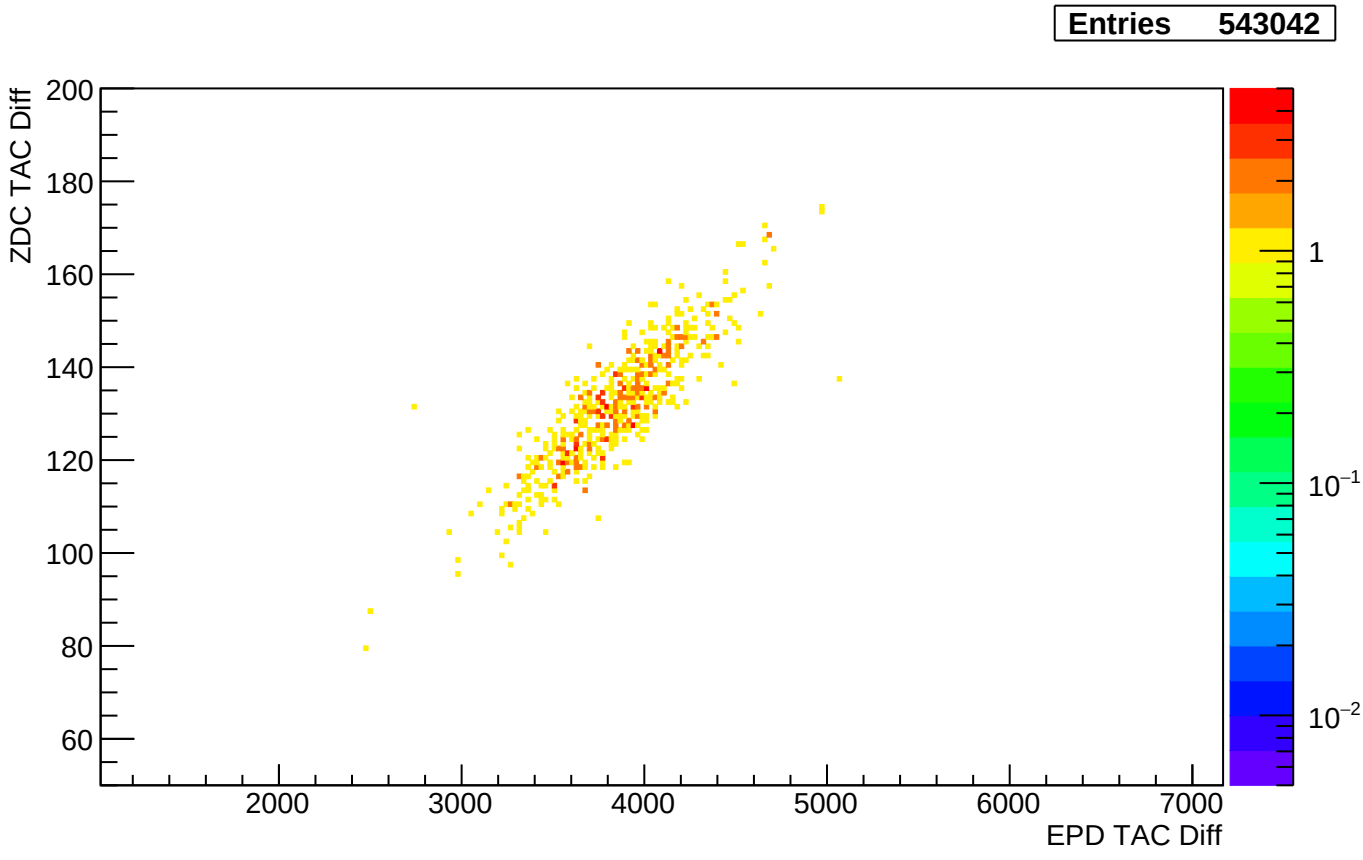

Entries 543042
TOF-Mult
BBC-S-West ADC Sum

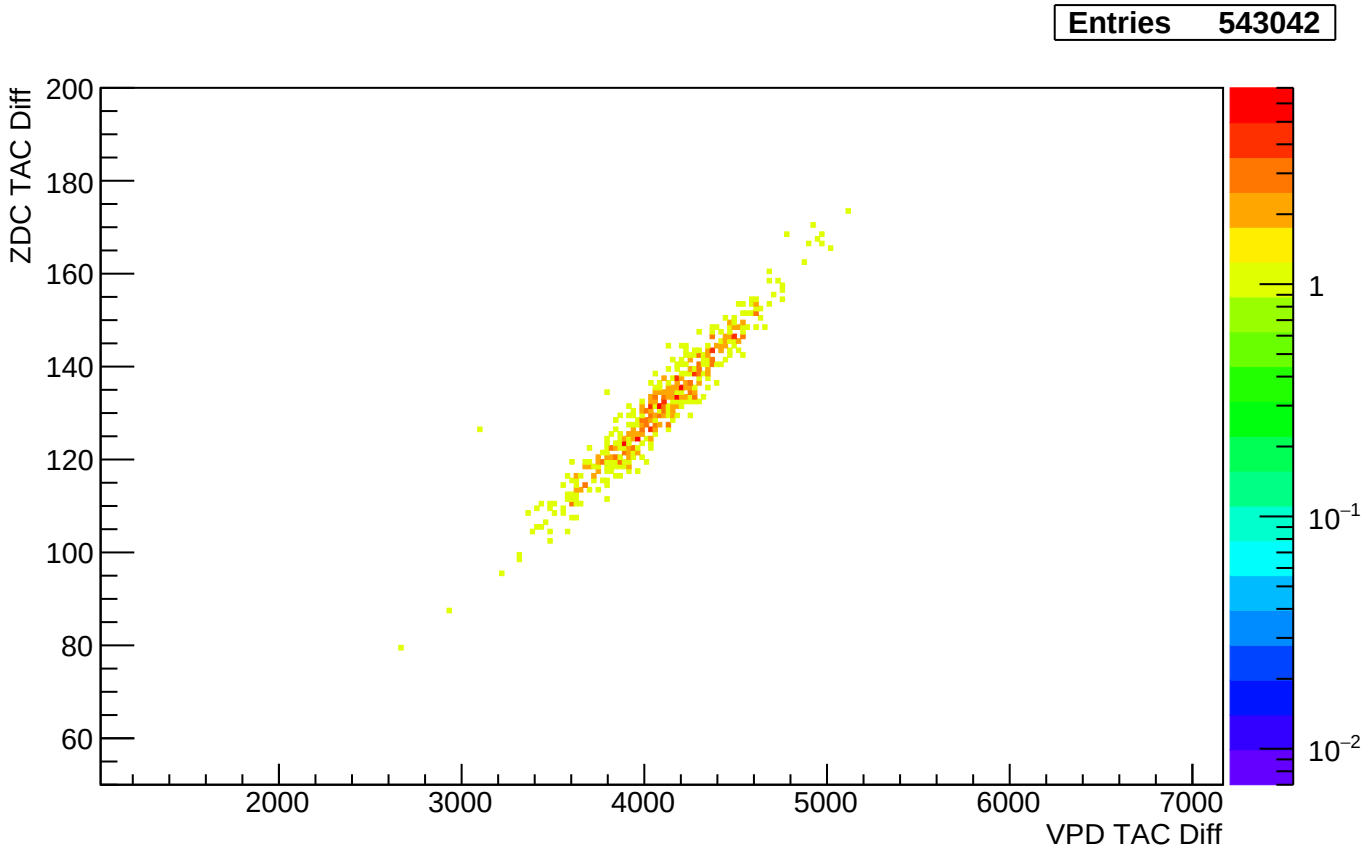

Entries 543042
TOF-Mult
EPD-East Hit Cnt

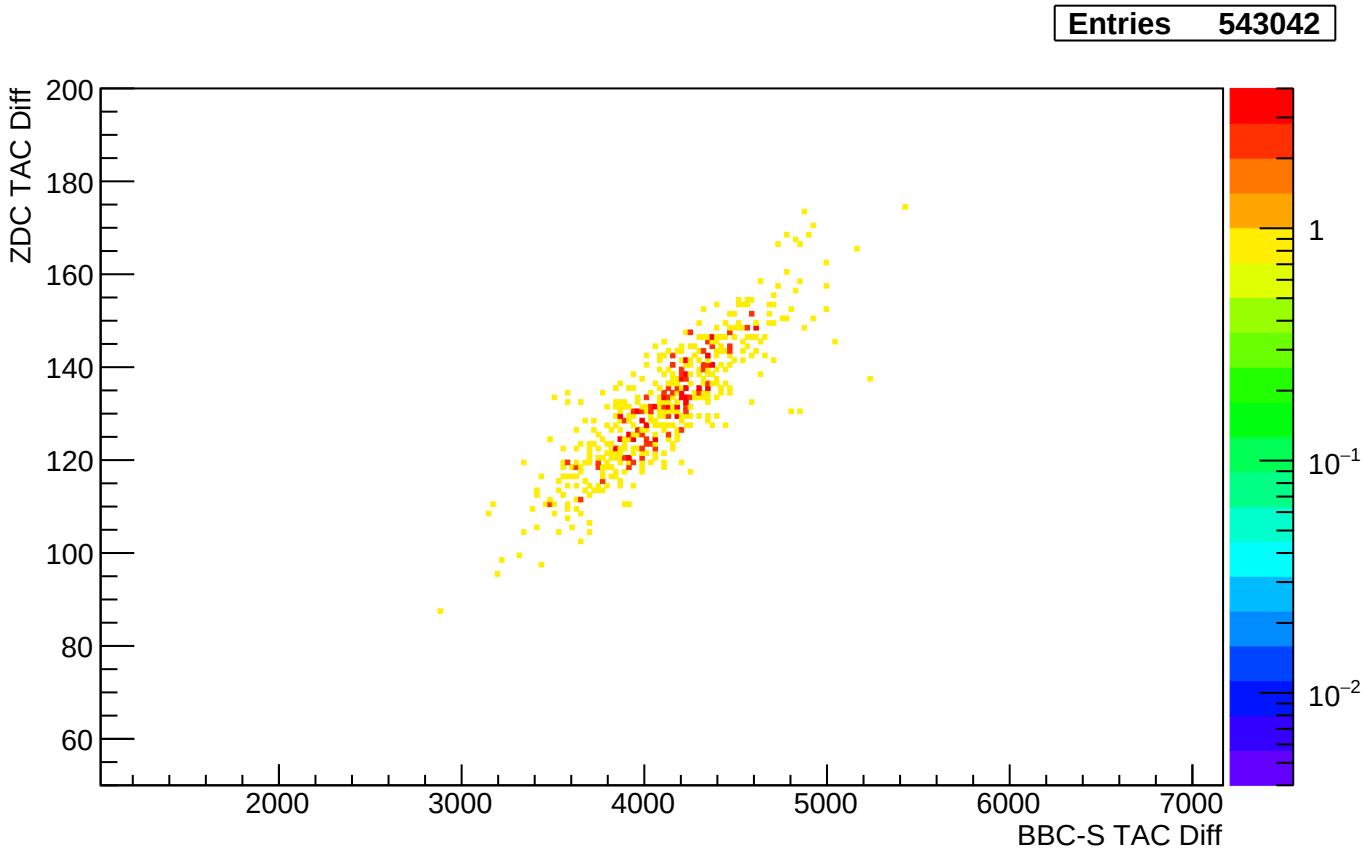

Entries 543042
TOF-Mult
EPD-West Hit Cnt

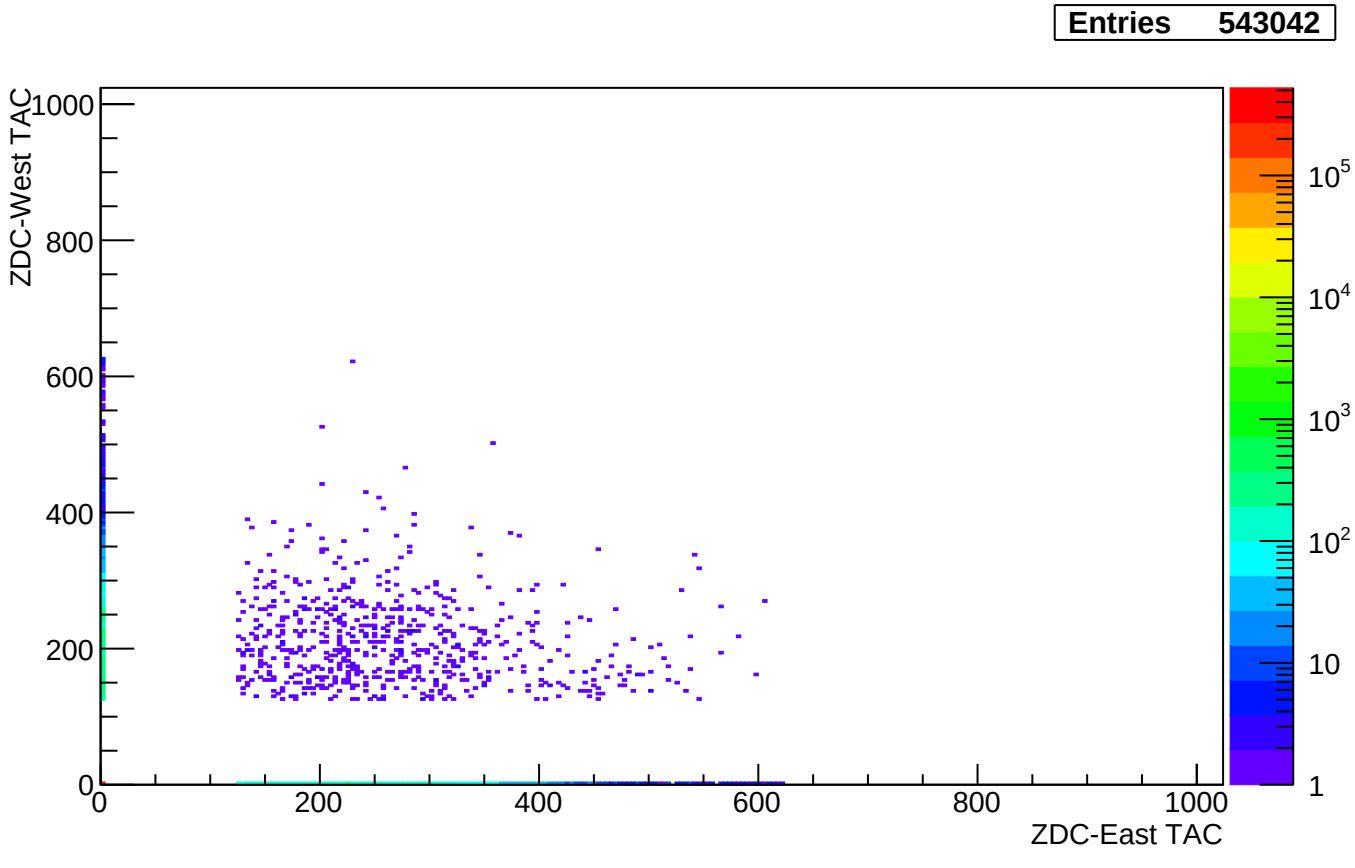

Entries 543042
TOF-Mult
VPD-East ADC Sum

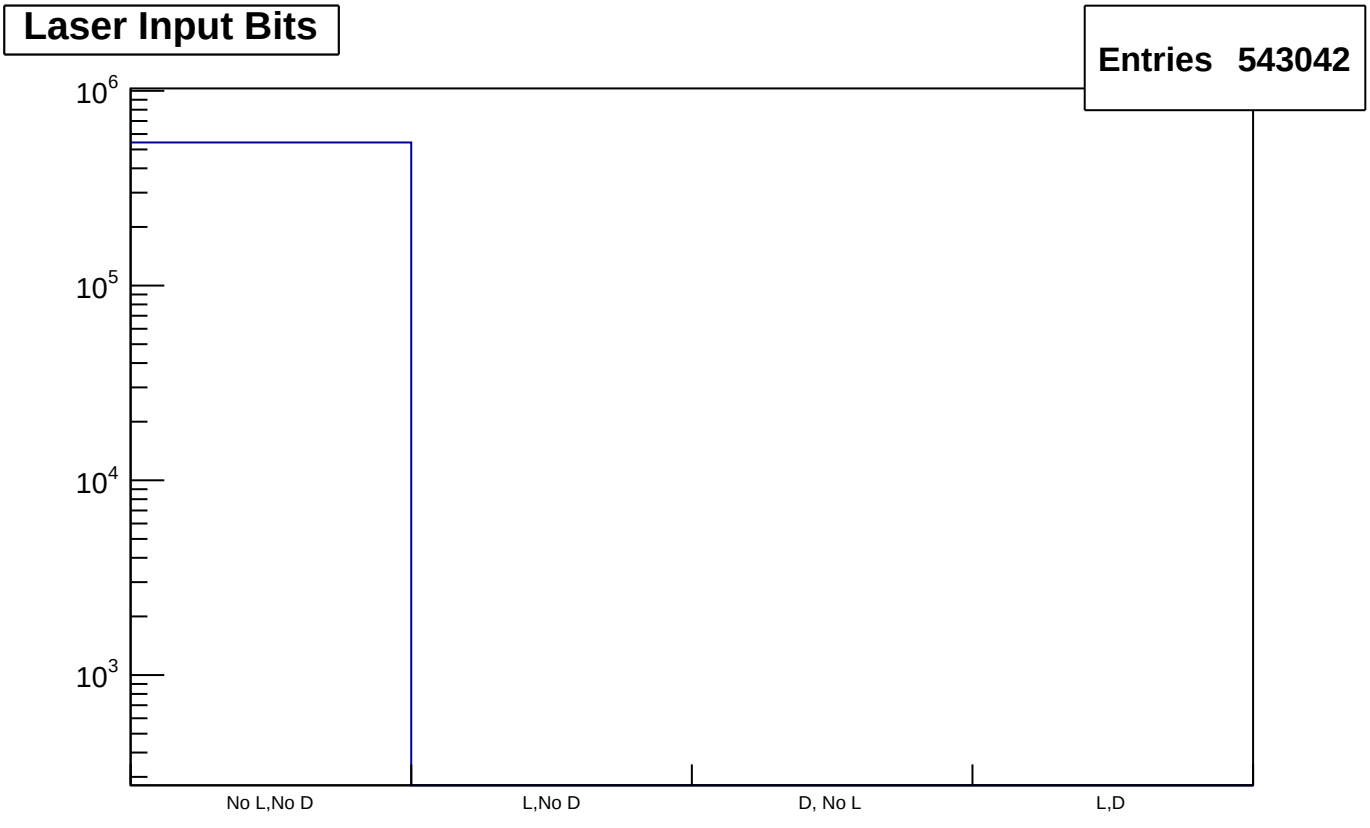

Entries 543042
TOF-Mult
VPD-West ADC Sum

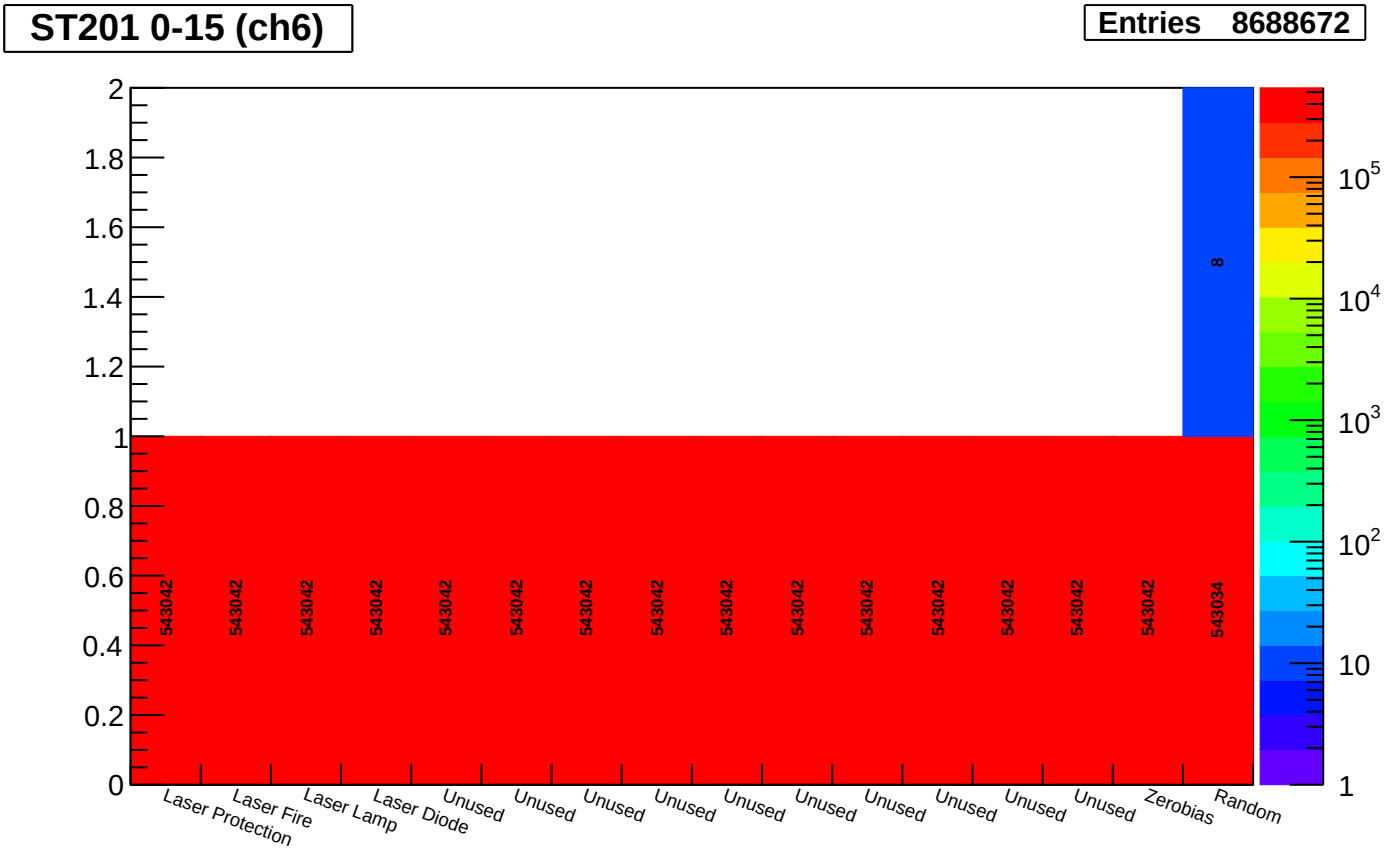

Entries 543042
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

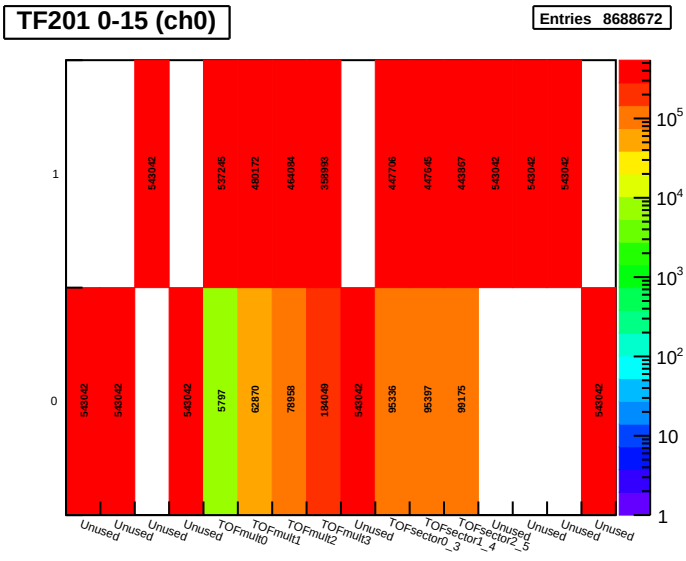

Entries 543042
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

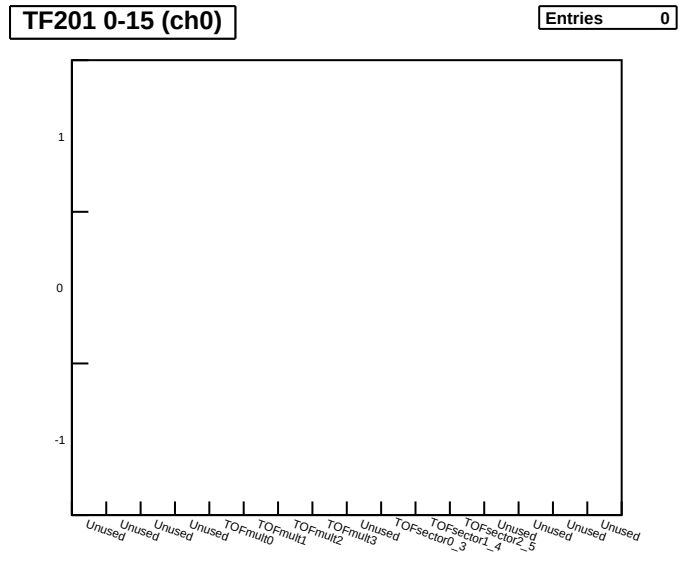

Entries 543042
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

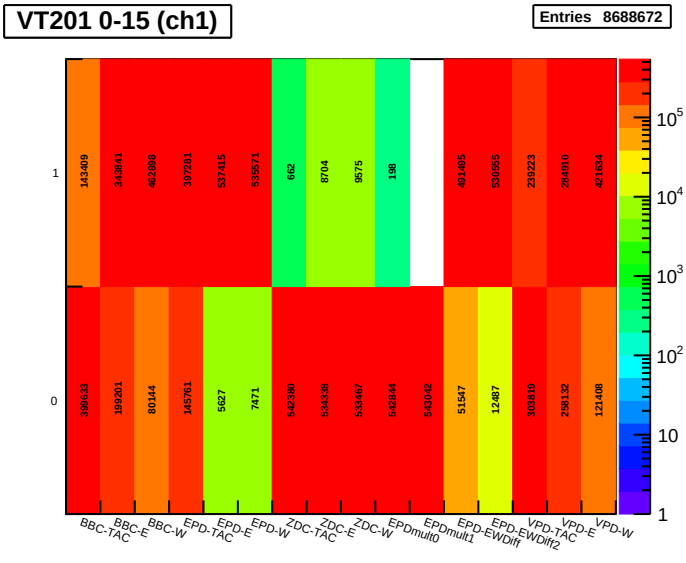

Entries 543042
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

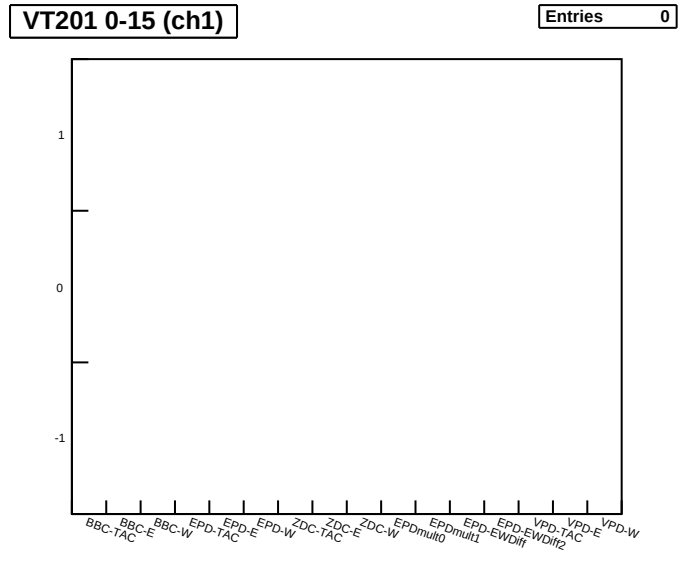

Laser Input Bits
Entries 543042
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

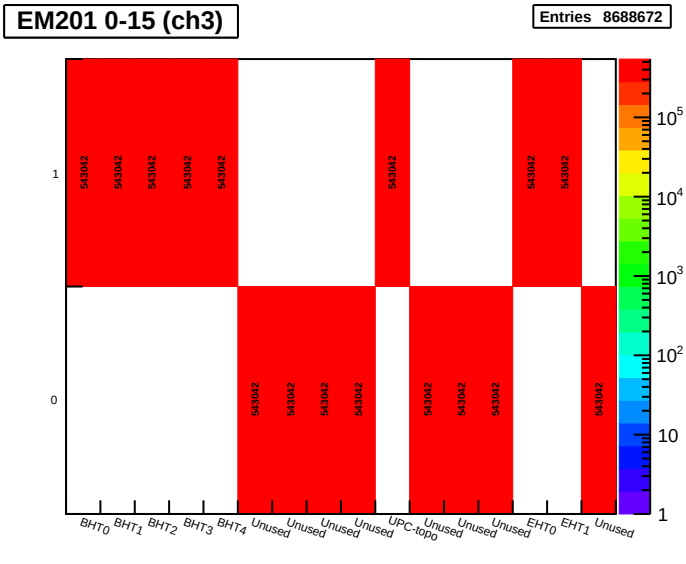

ST201 0-15 (ch6)
Entries 8688672
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
543042
543034
8
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

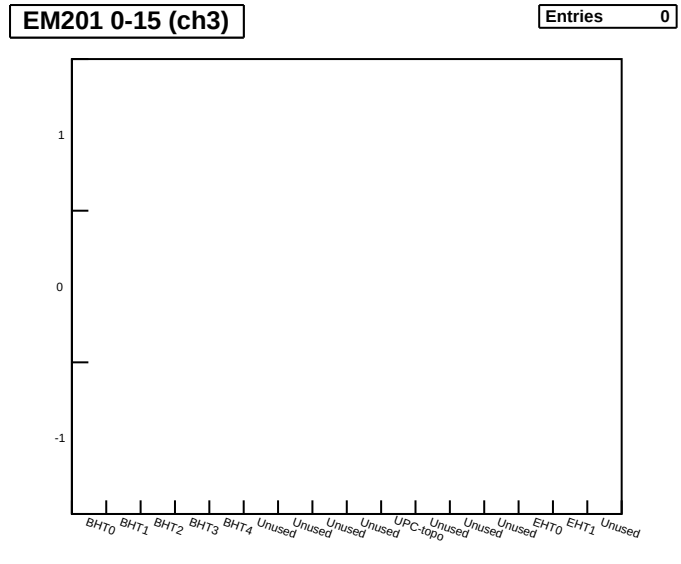

TF201 0-15 (ch0)
Entries 8688672
1
0
543042
537245
480172
464084
358993
447706
447645
443867
543042
543042
543042
543042
543042
543042
5797
62870
78958
184049
95336
95397
99175
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8688672
1
0
143409
343841
462898
397281
537415
535571
662
8704
9575
198
491495
530555
239223
284910
421634
399633
199201
80144
145761
5627
7471
542380
534338
533467
542844
543042
515447
12487
303819
258132
121408
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 8688672
1
0
543042
543042
543042
543042
543042
543042
543042
543042
543042
543042
543042
543042
543042
543042
543042
543042
543042
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