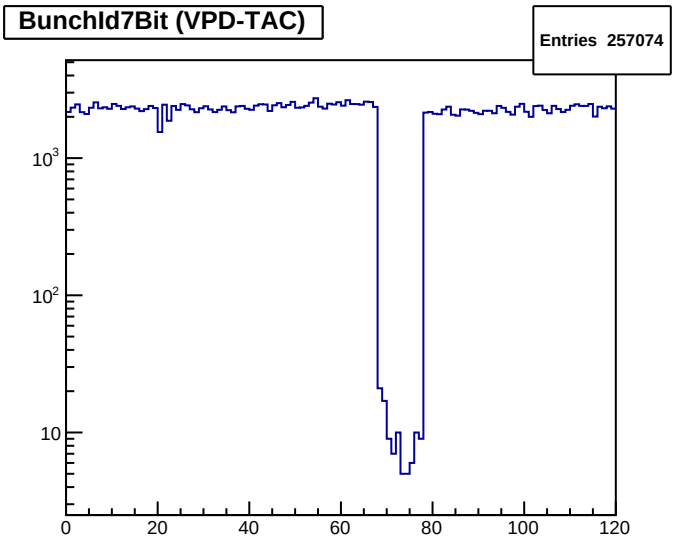
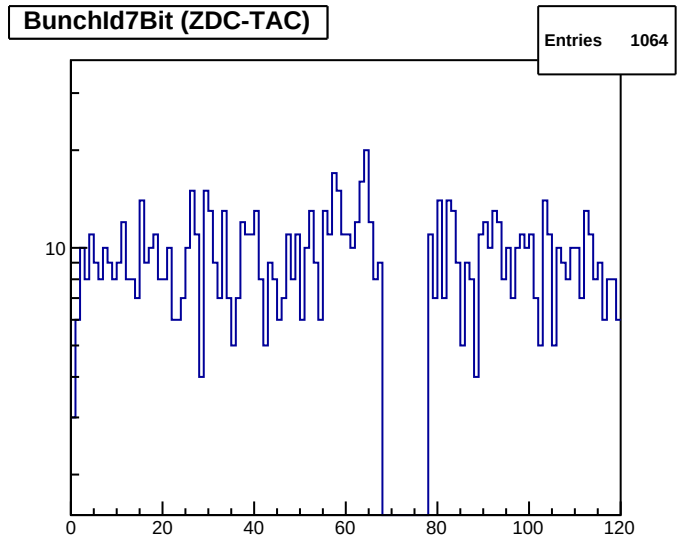
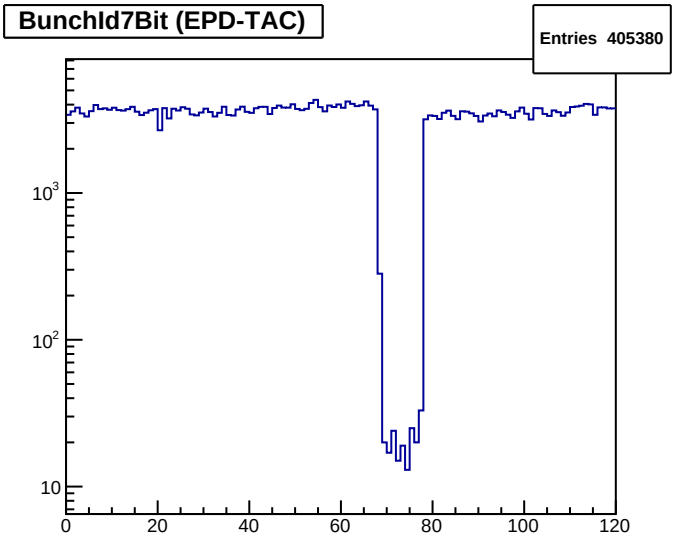
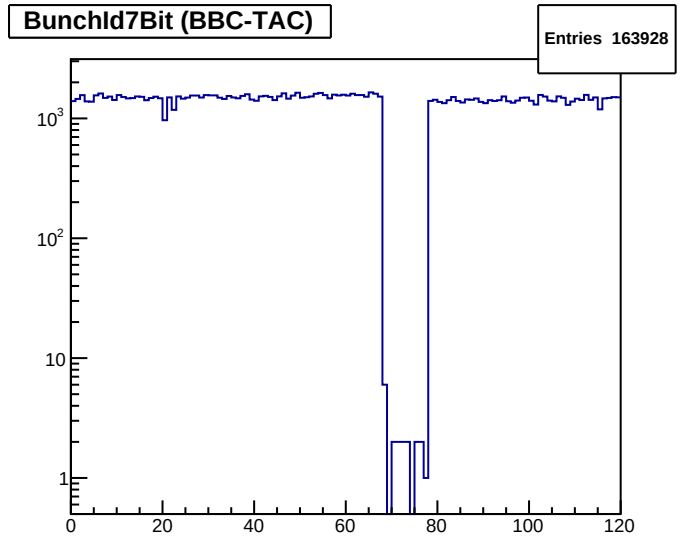
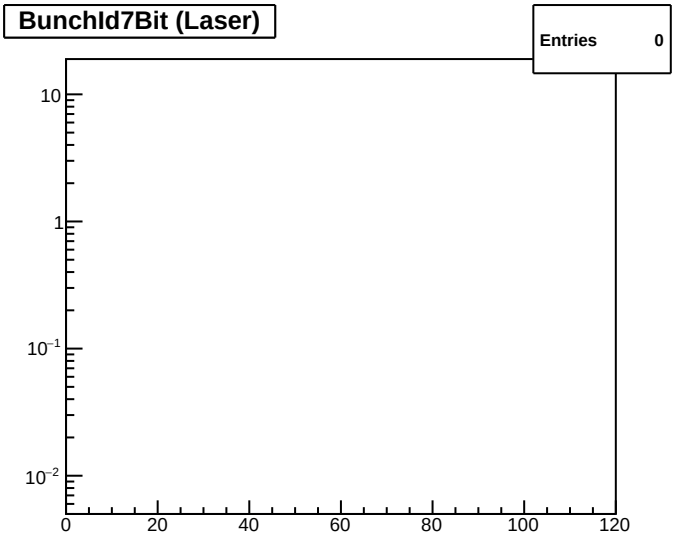
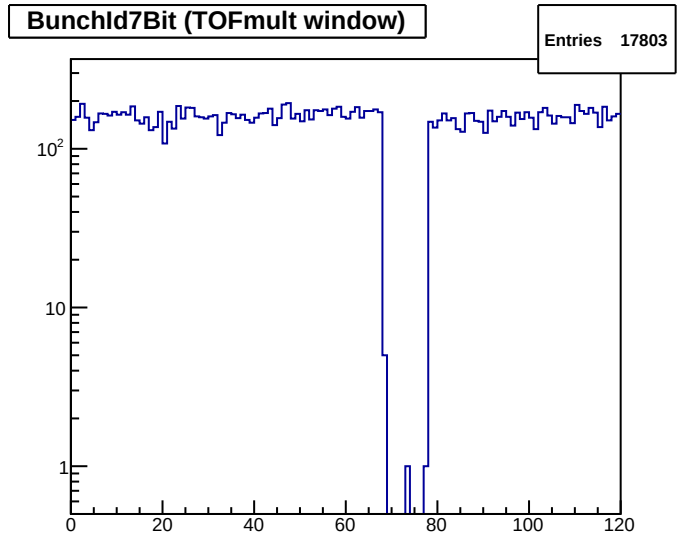

BunchId7Bit (VPD-TAC)
Entries 257074

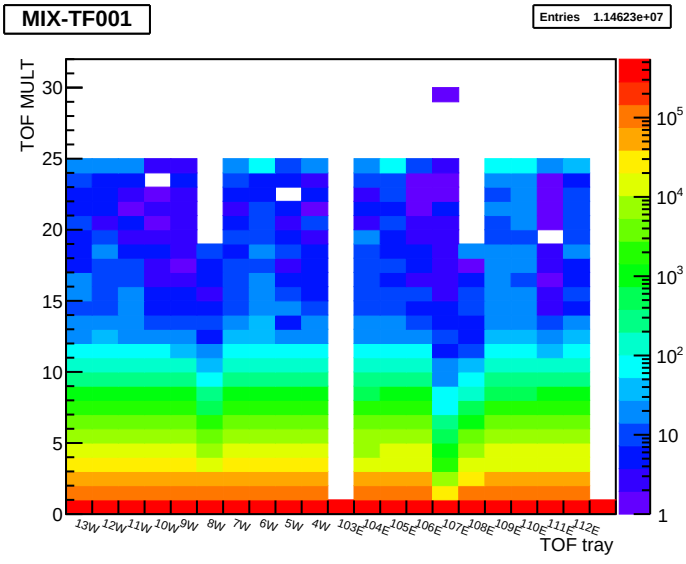

BunchId7Bit (ZDC-TAC)
Entries 1064

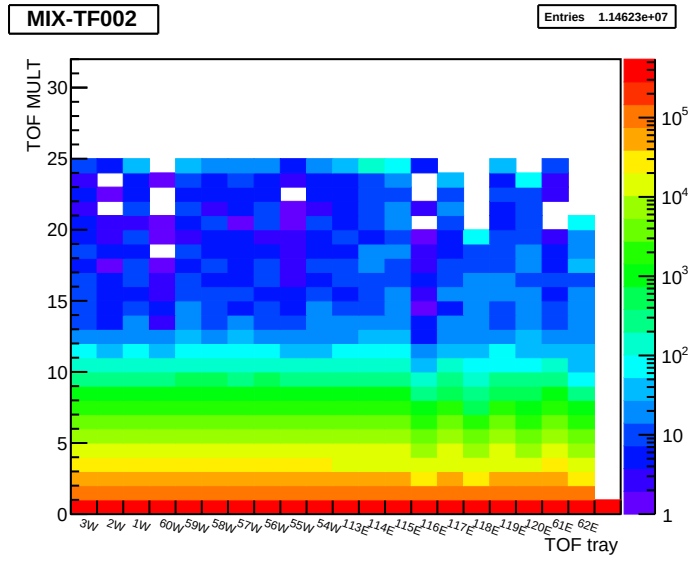

BunchId7Bit (EPD-TAC)
Entries 405380

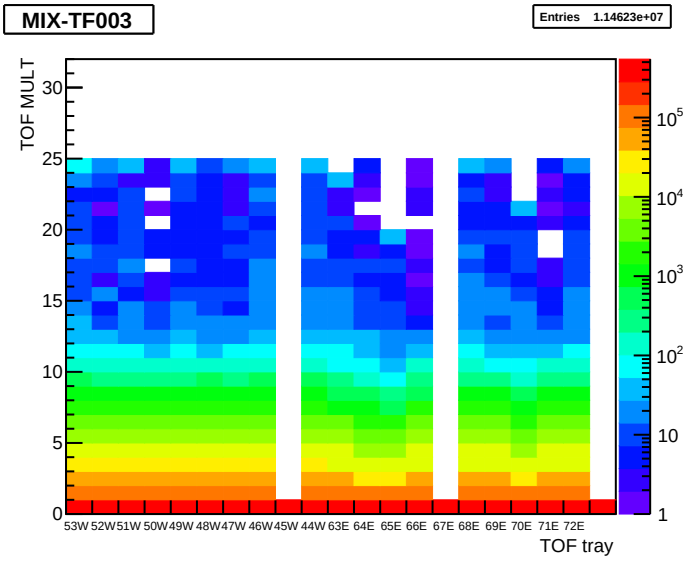

BunchId7Bit (BBC-TAC)
Entries 163928

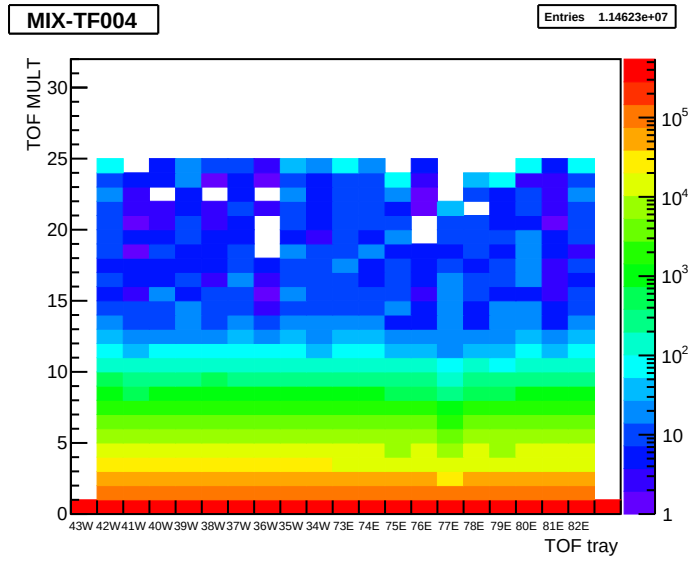

BunchId7Bit (Laser)
Entries 0

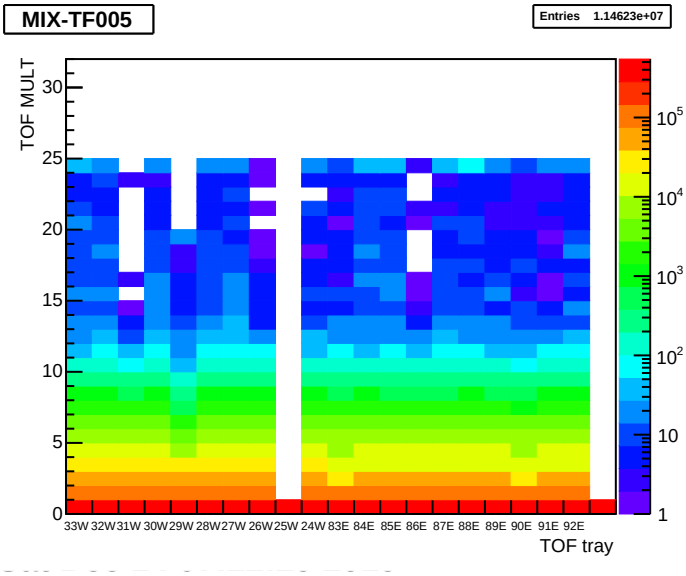

BunchId7Bit (TOFmult window)
Entries 17803

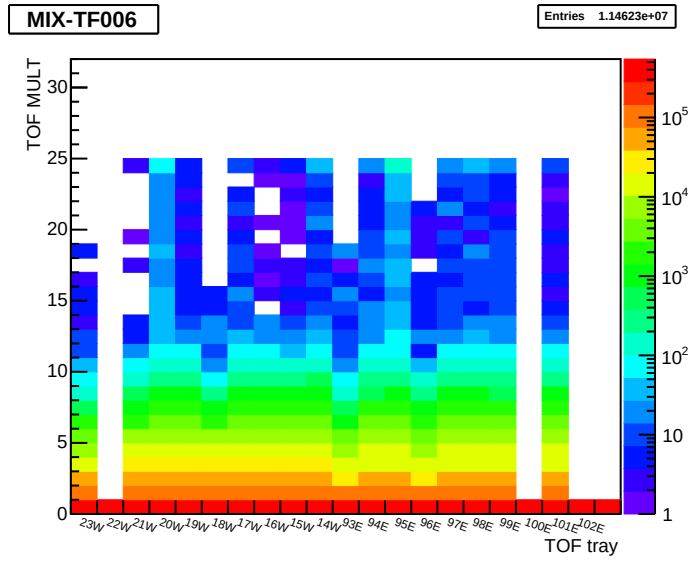

MIX-TF001
Entries 1.14623e+07
TOF MULT
TOF tray

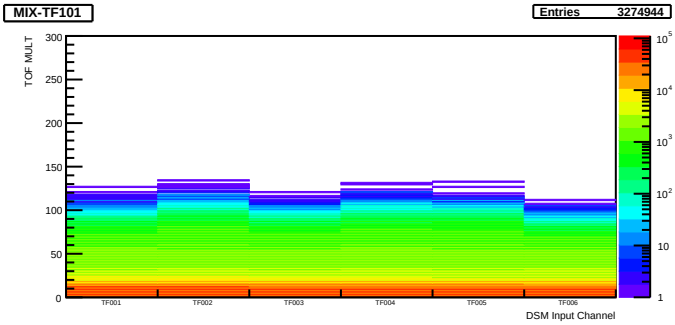

MIX-TF002
Entries 1.14623e+07
TOF MULT
TOF tray

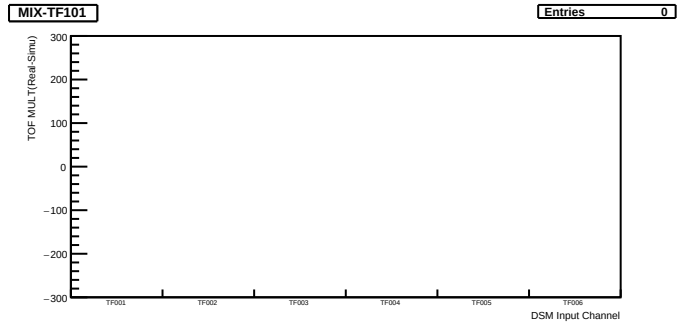

MIX-TF003
Entries 1.14623e+07
TOF MULT
TOF tray

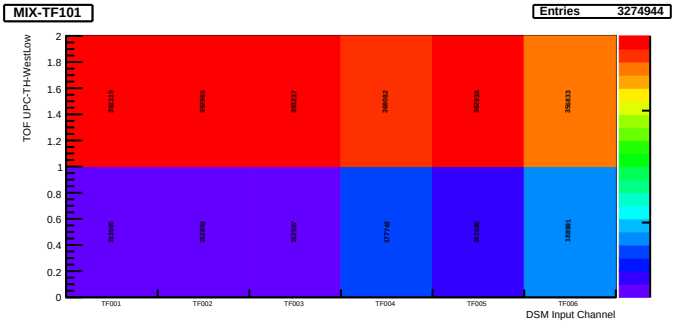

MIX-TF004
Entries 1.14623e+07
TOF MULT
TOF tray

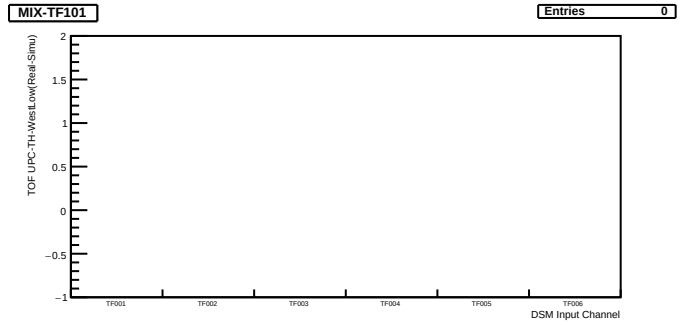

MIX-TF005
Entries 1.14623e+07
TOF MULT
TOF tray

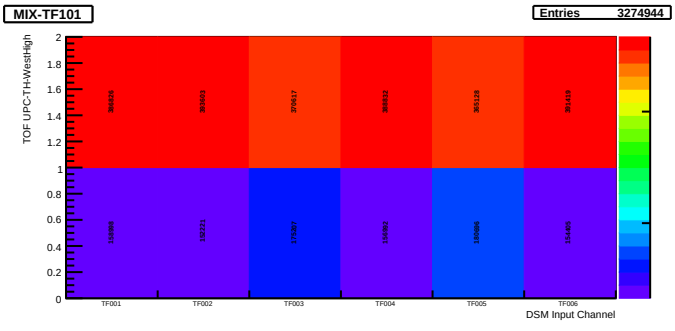

MIX-TF006
Entries 1.14623e+07
TOF MULT
TOF tray

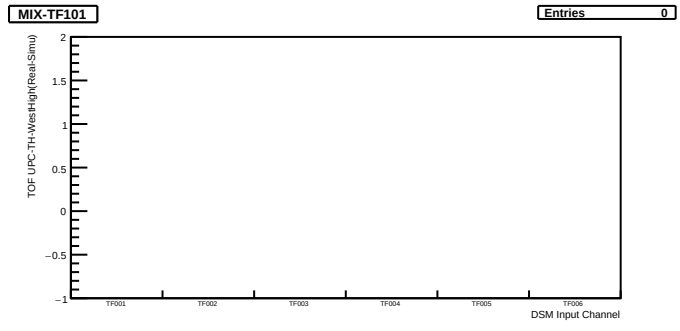

MIX-TF101
Entries 3274944
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

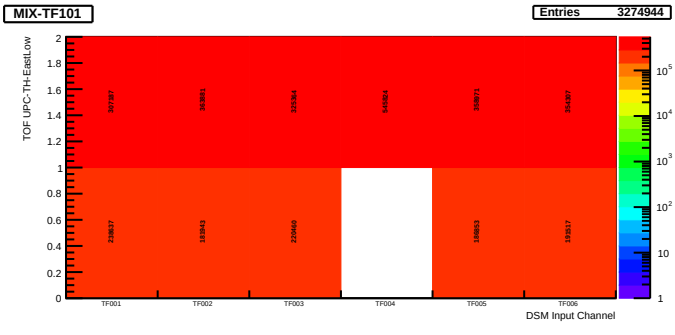

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

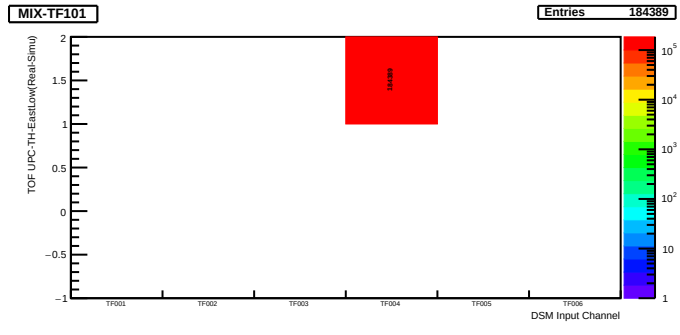

MIX-TF101
Entries 3274944
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

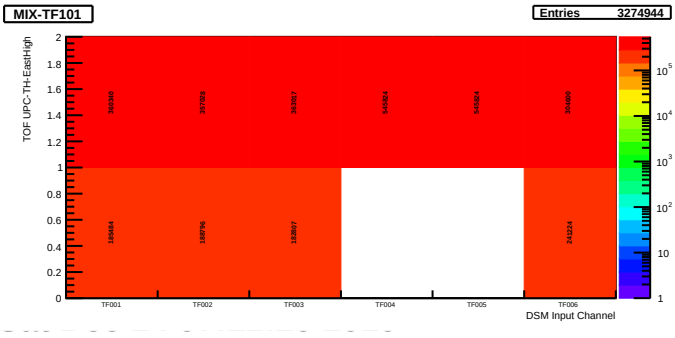

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

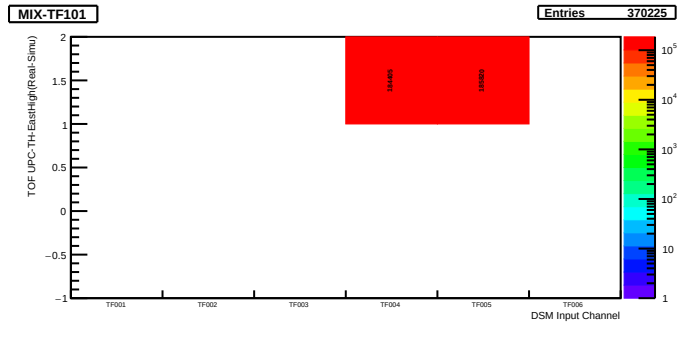

MIX-TF101
Entries 3274944
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

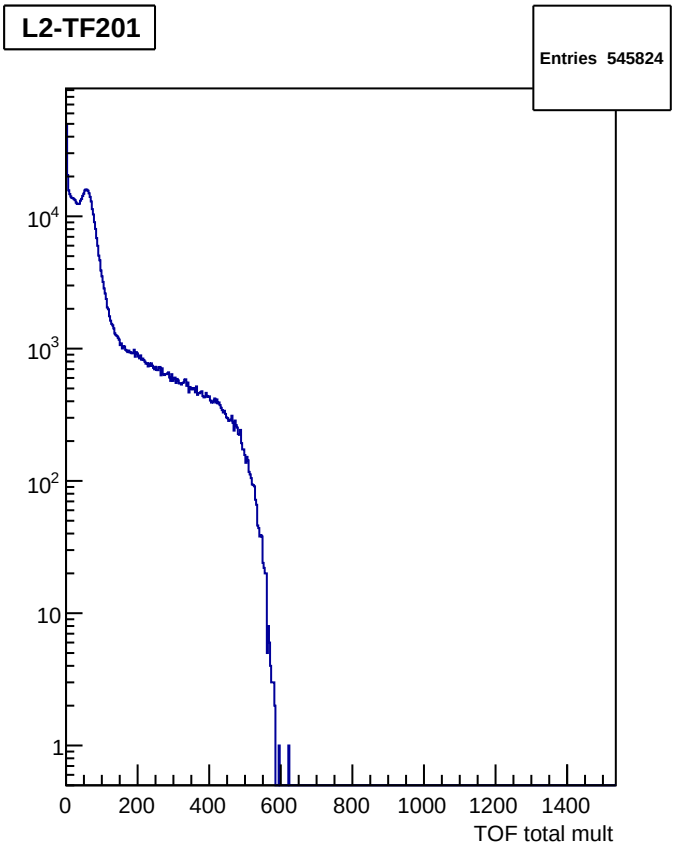

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

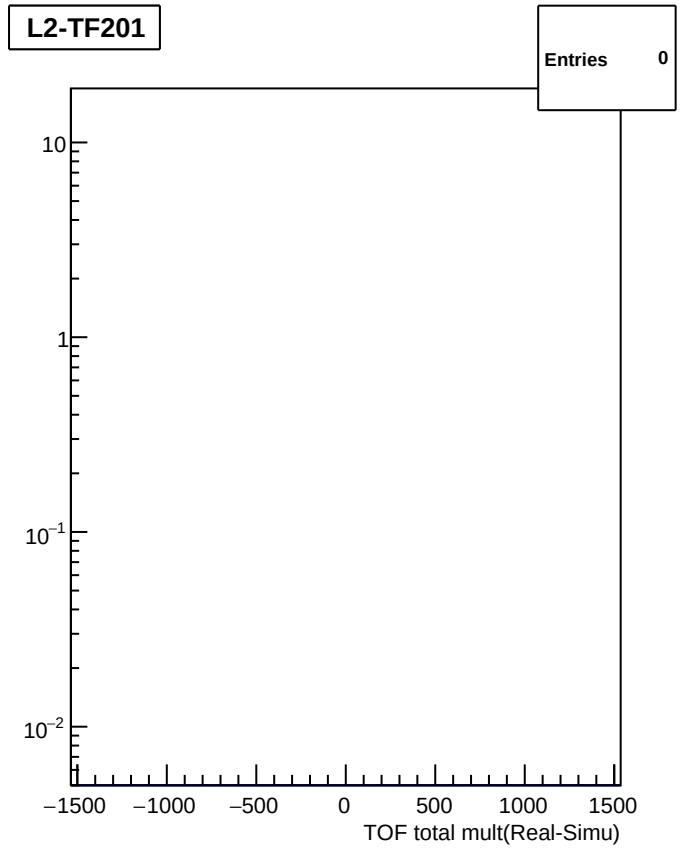

MIX-TF101
Entries 3274944
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

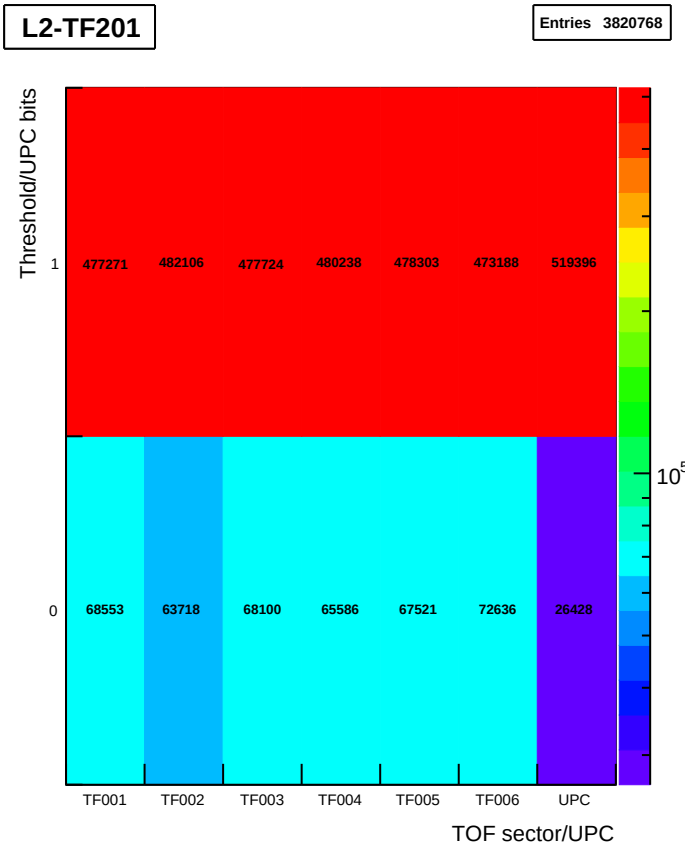

MIX-TF101
Entries 184389
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

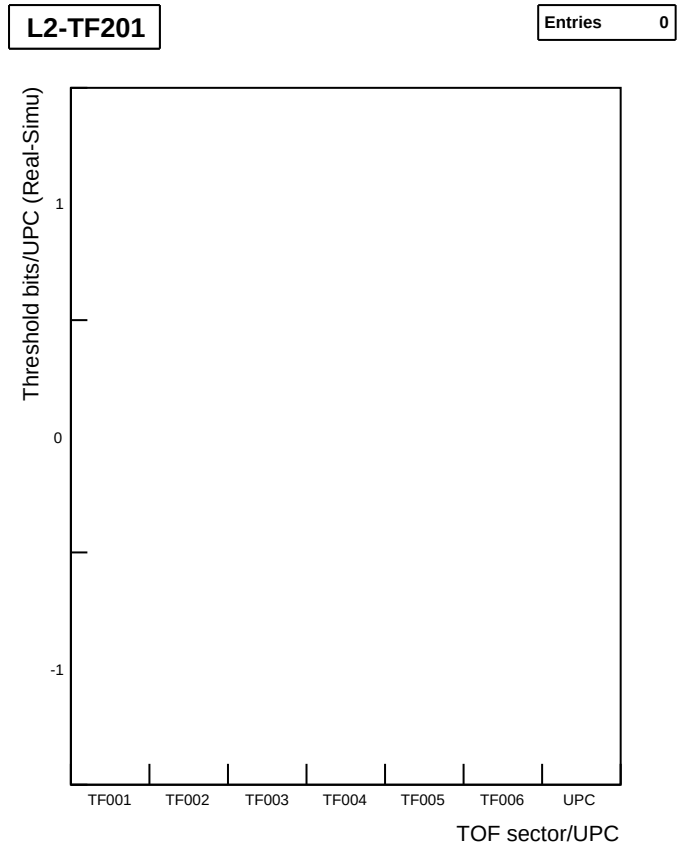

MIX-TF101
Entries 3274944
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

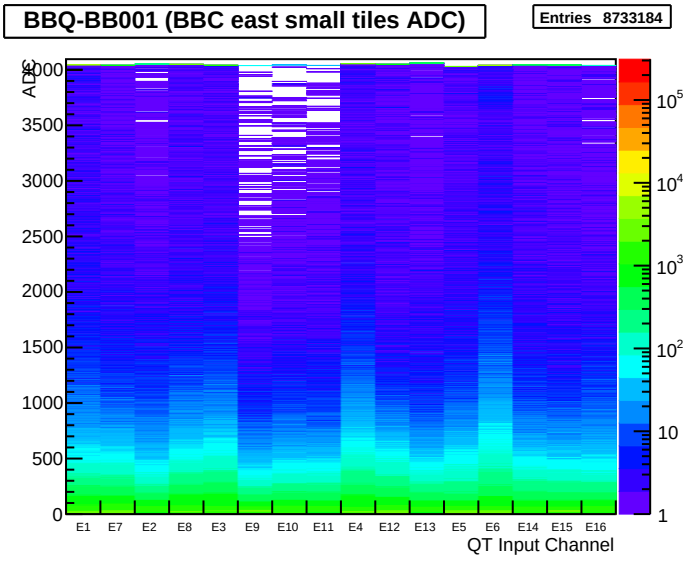

MIX-TF101
Entries 370225
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

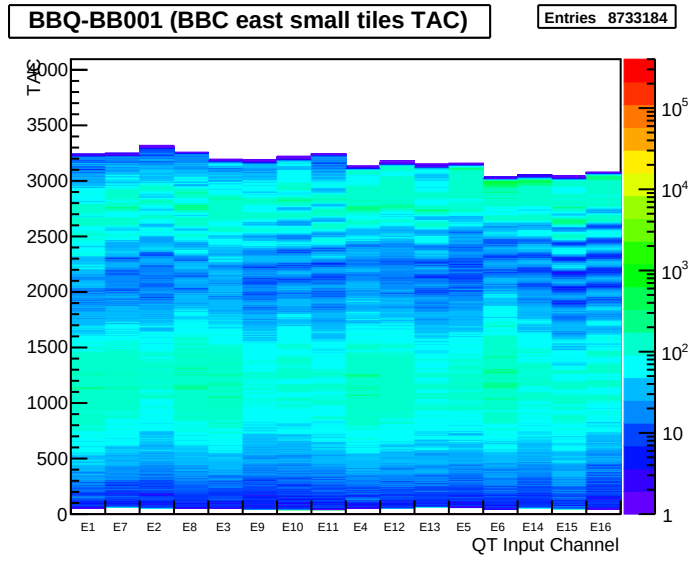

L2-TF201
Entries 545824
TOF total mult

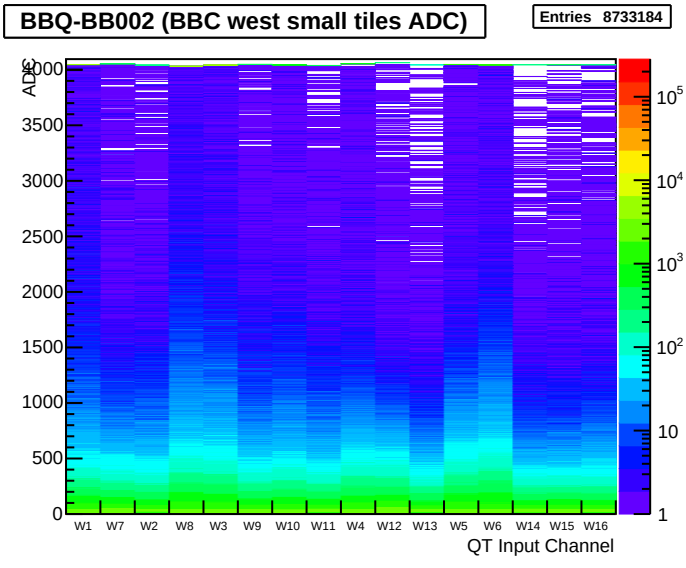

L2-TF201
Entries 0
TOF total mult(Real-Simu)

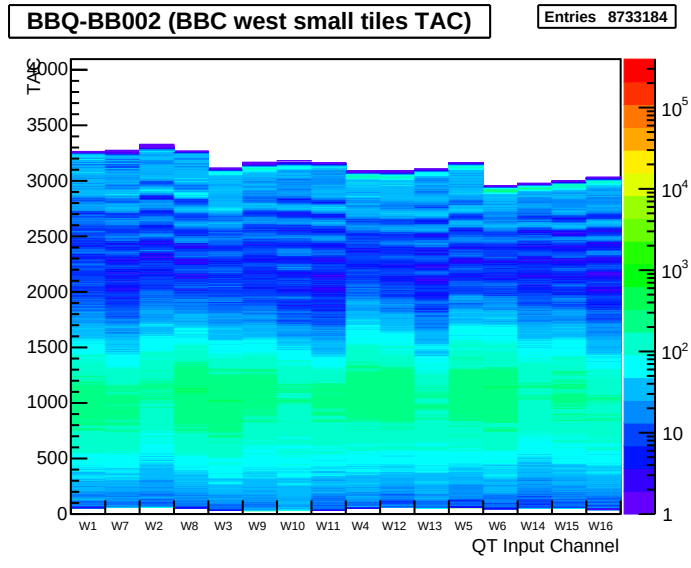

L2-TF201
Entries 3820768
Threshold/UPC bits
477271
482106
477724
480238
478303
473188
519396
68553
63718
68100
65586
67521
72636
26428
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

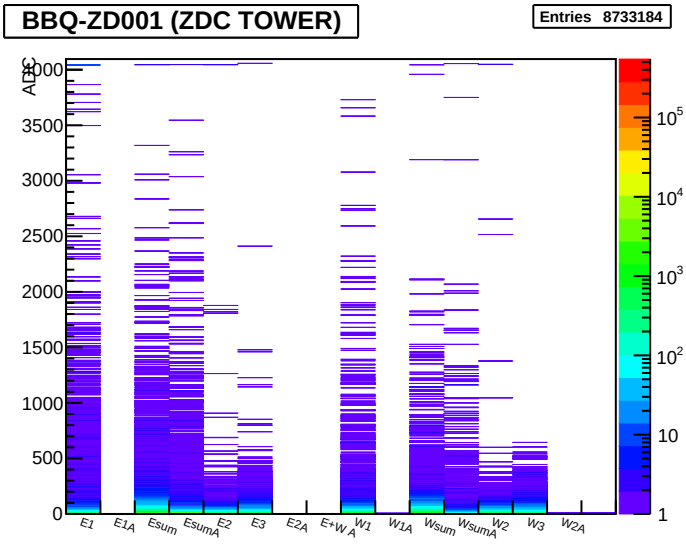

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

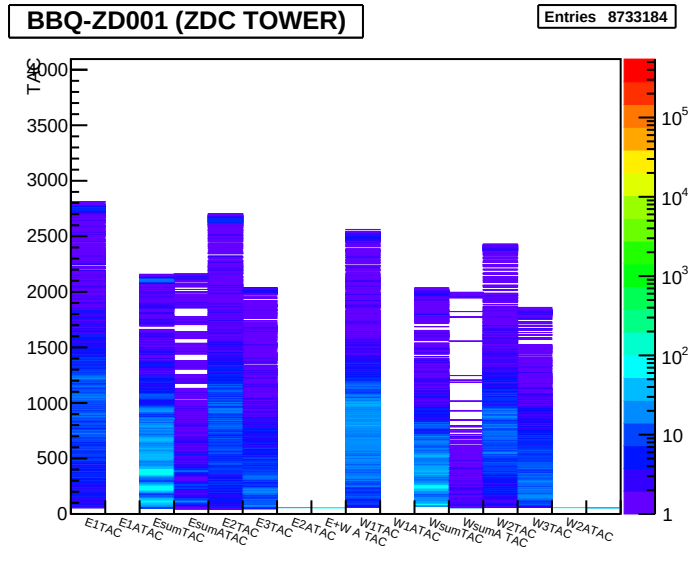

BBQ-BB001 (BBC east small tiles ADC)
Entries 8733184
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

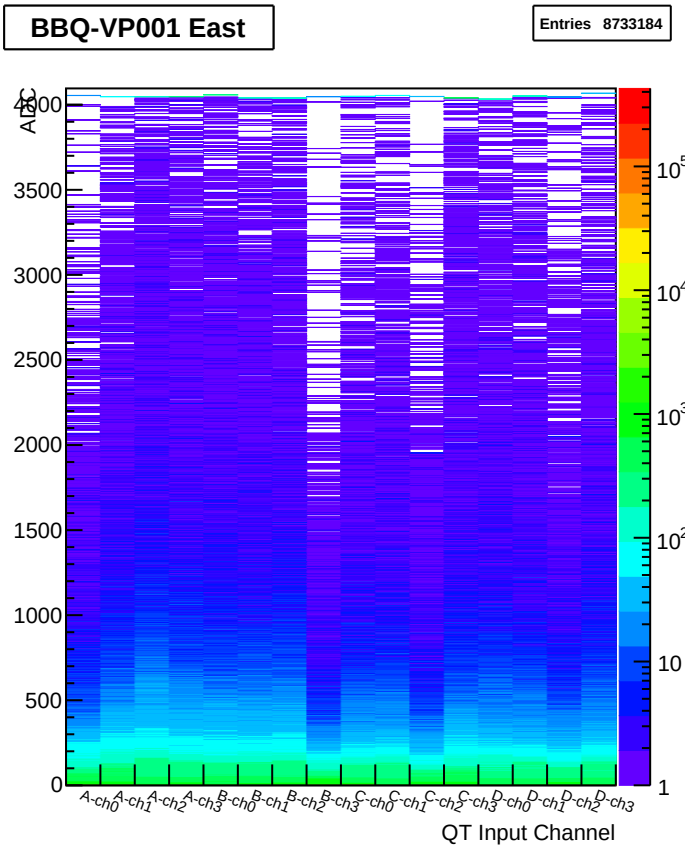

BBQ-BB001 (BBC east small tiles TAC)
Entries 8733184
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

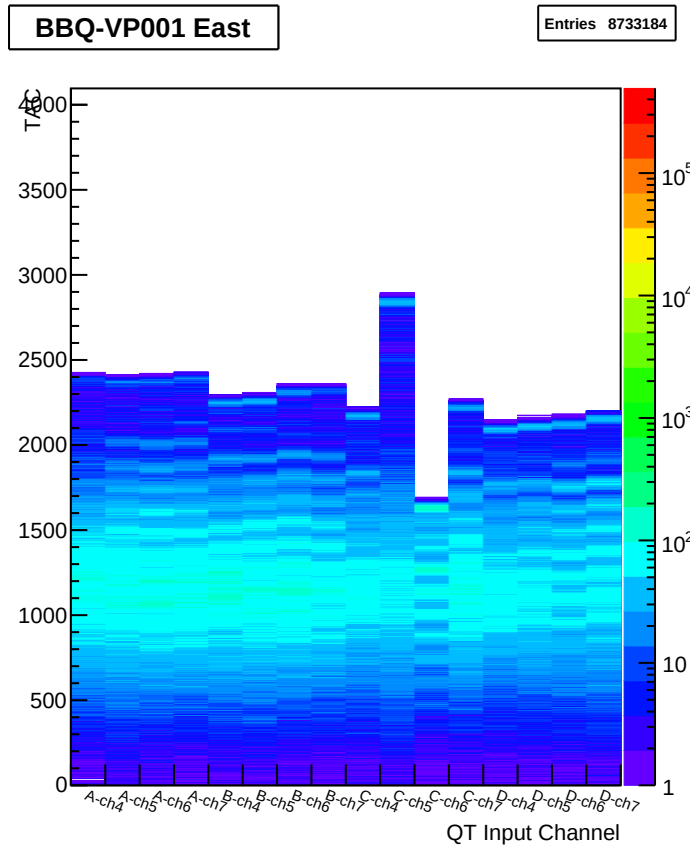

BBQ-BB002 (BBC west small tiles ADC)
Entries 8733184
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

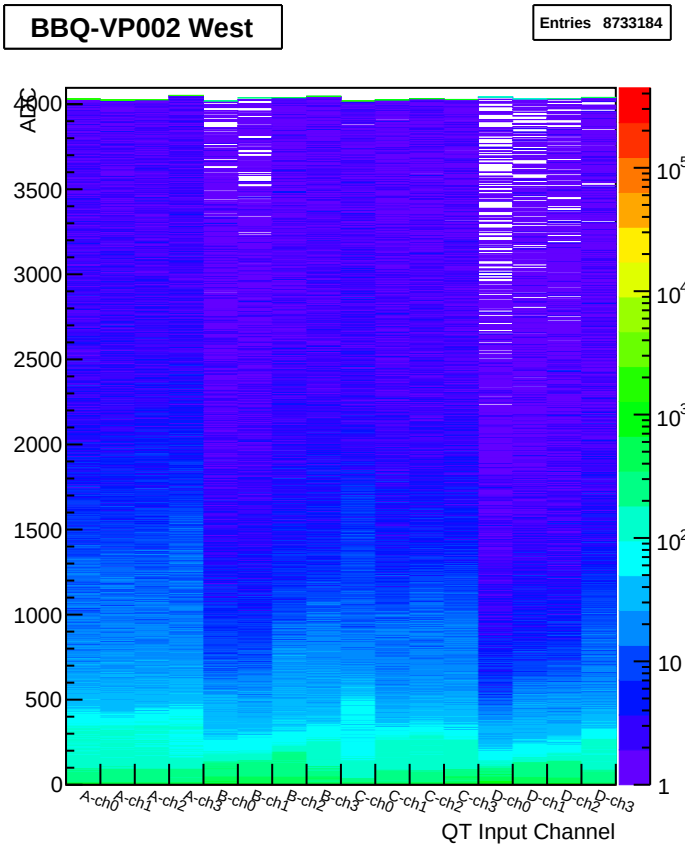

BBQ-BB002 (BBC west small tiles TAC)
Entries 8733184
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

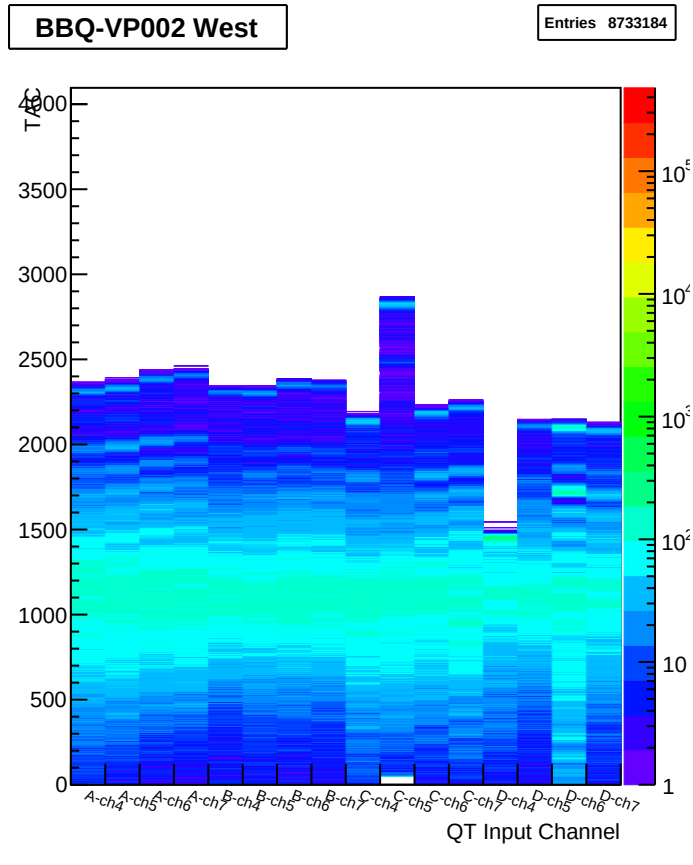

BBQ-ZD001 (ZDC TOWER)
Entries 8733184
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

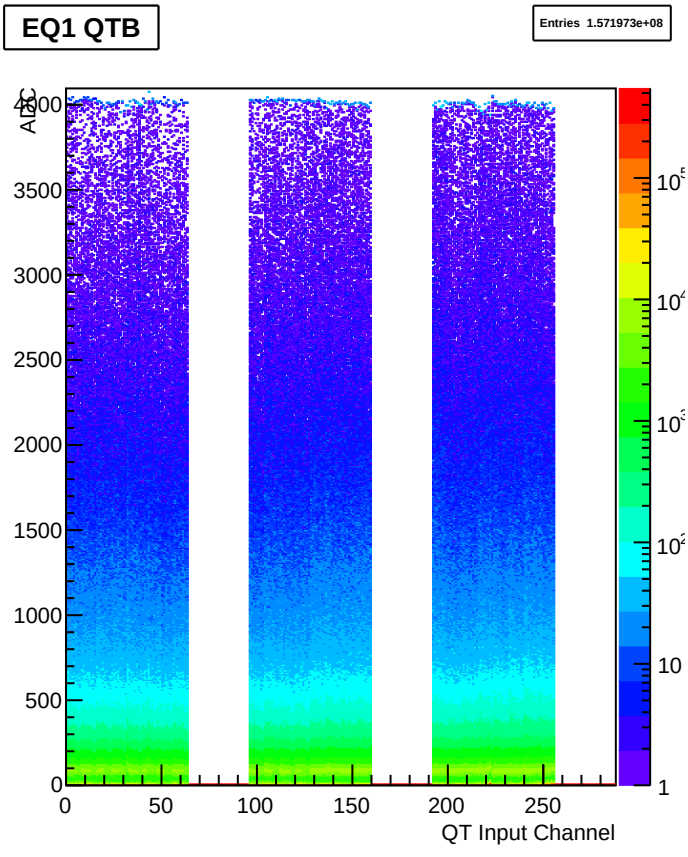

BBQ-ZD001 (ZDC TOWER)
Entries 8733184
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

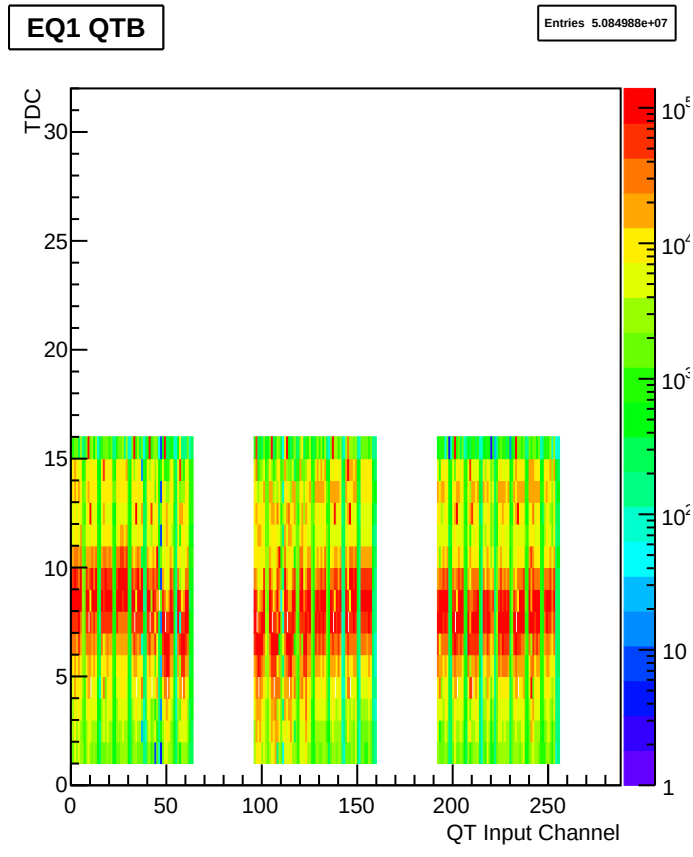

BBQ-VP001 East
Entries 8733184
ADC
QT Input Channel

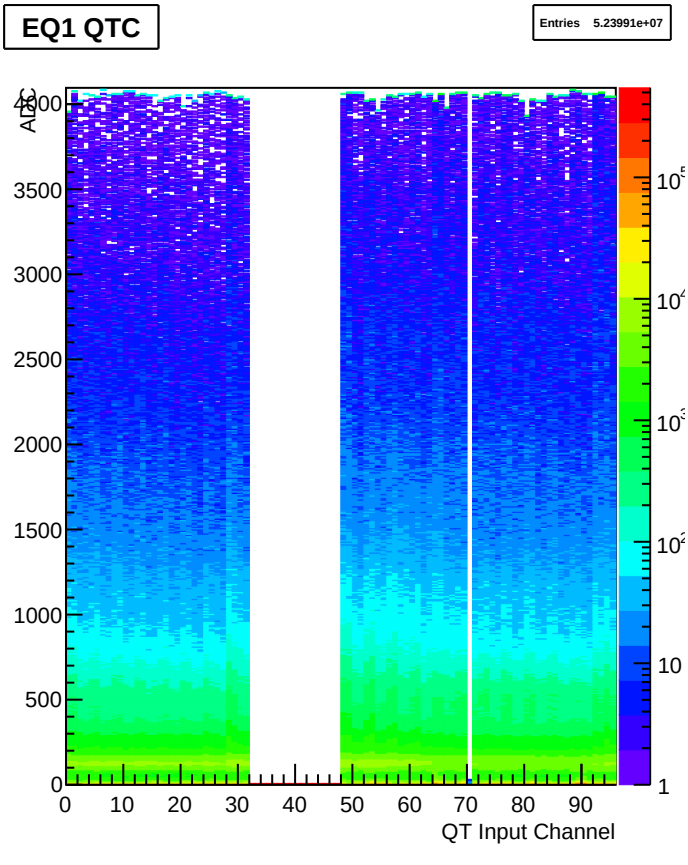

BBQ-VP001 East
Entries 8733184
TADC
QT Input Channel

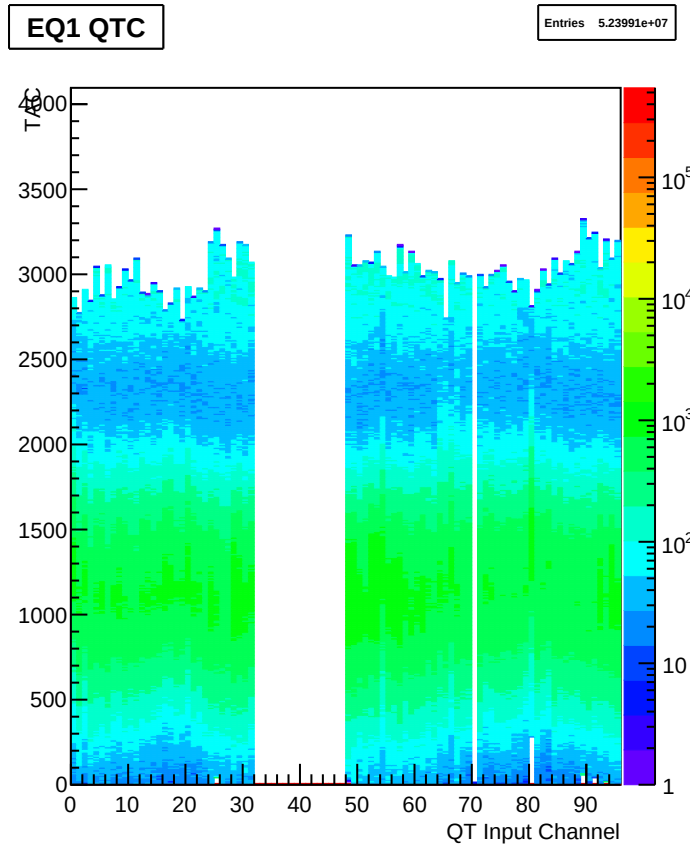

BBQ-VP002 West
Entries 8733184
ADC
QT Input Channel

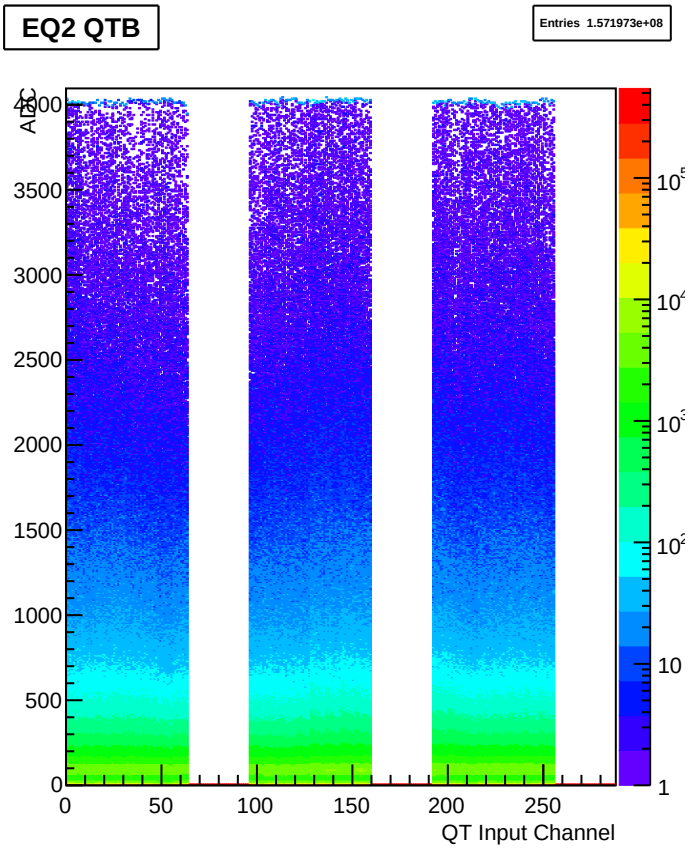

BBQ-VP002 West
Entries 8733184
TADC
QT Input Channel

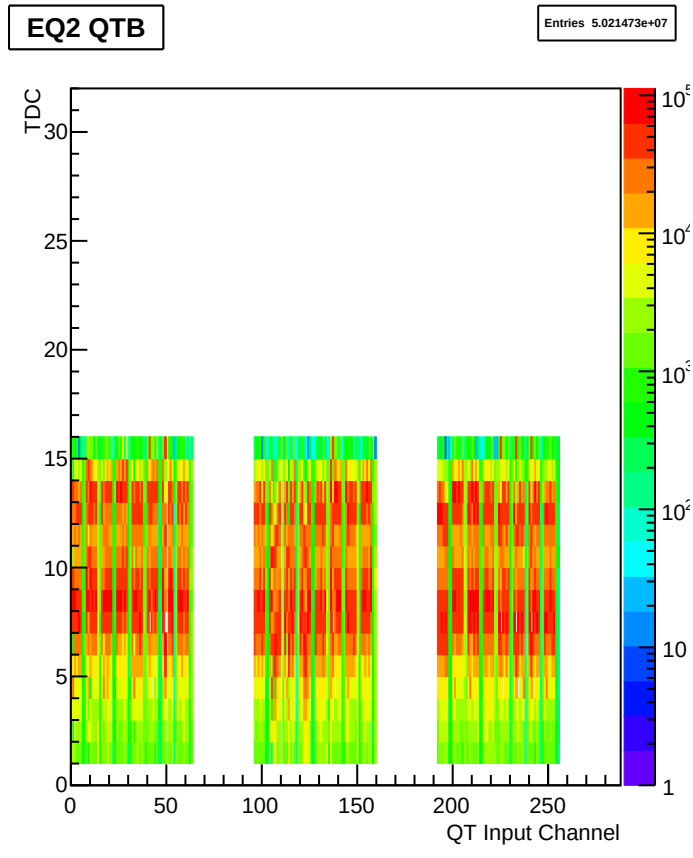

EQ1 QTB
Entries 1.571973e+08
ADC
QT Input Channel

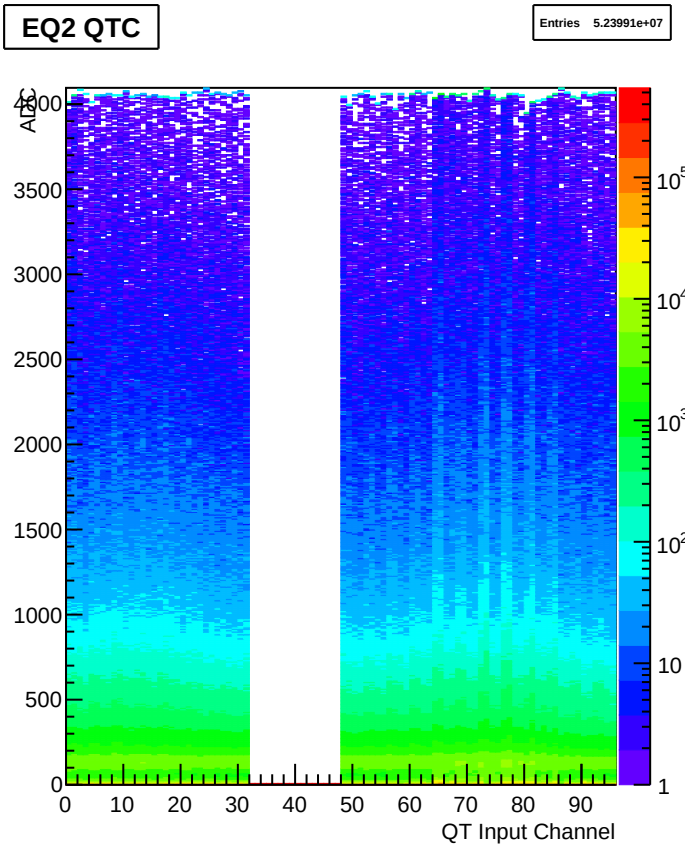

EQ1 QTB
Entries 5.084988e+07
TDC
QT Input Channel

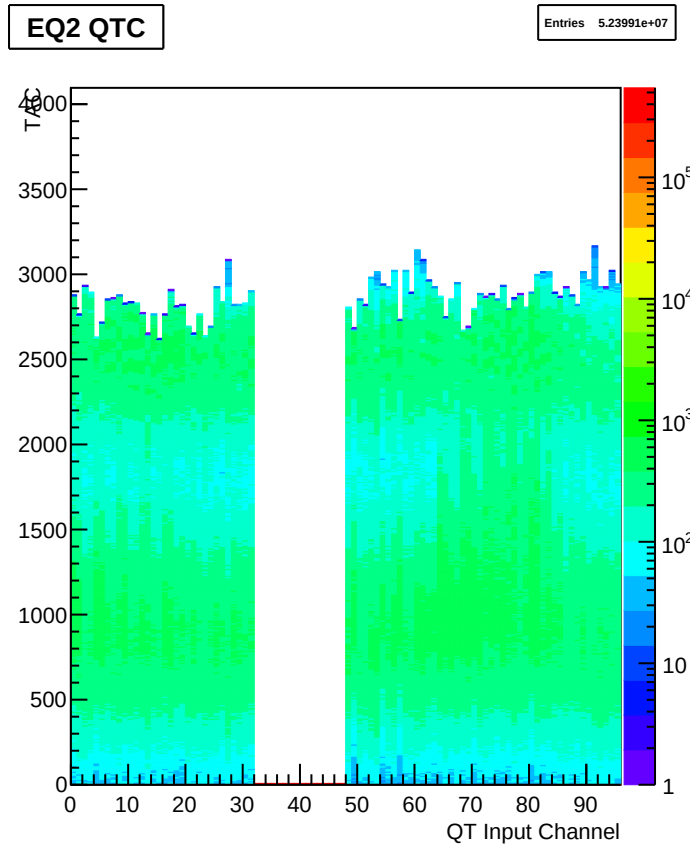

EQ1 QTC
Entries 5.23991e+07
ADC
QT Input Channel

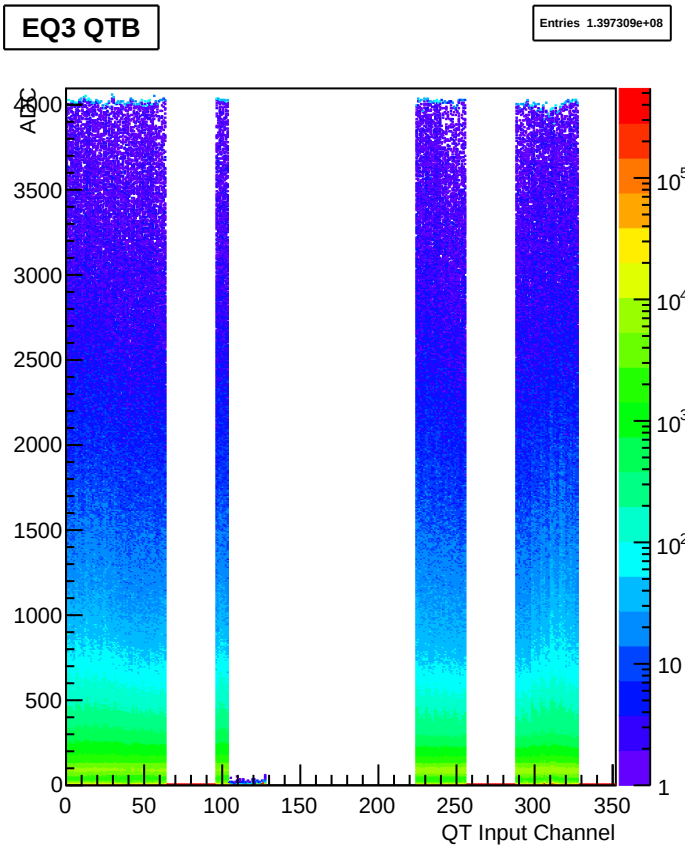

EQ1 QTC
Entries 5.23991e+07
TADC
QT Input Channel

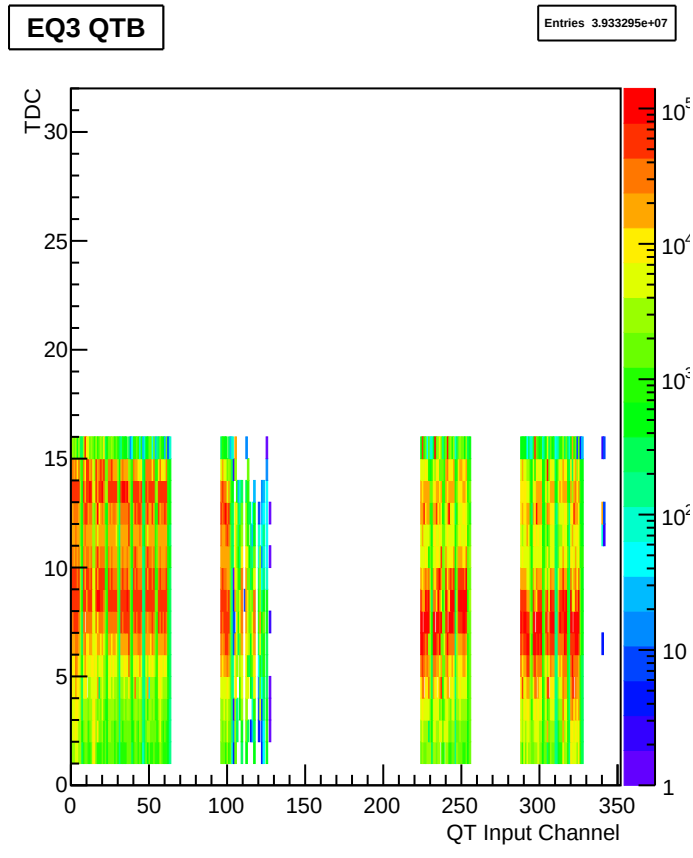

EQ2 QTB
Entries 1.571973e+08
ADC
QT Input Channel

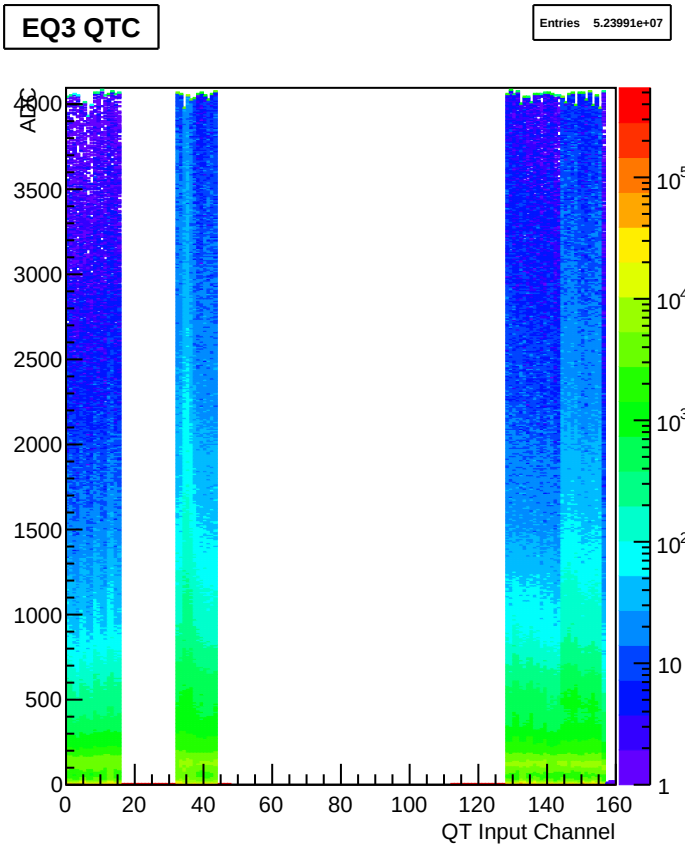

EQ2 QTB
Entries 5.021473e+07
TDC
QT Input Channel

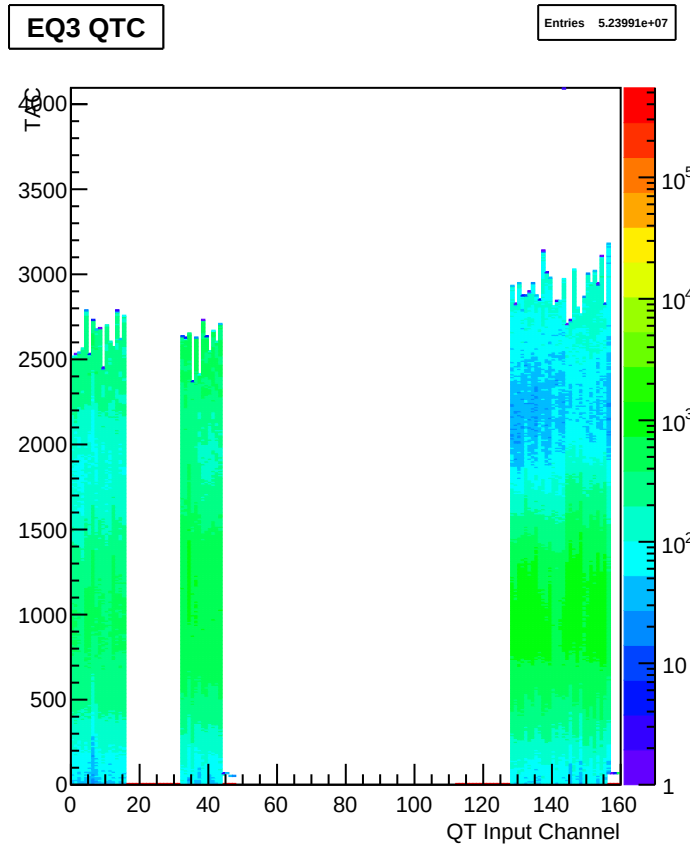

EQ2 QTC
Entries 5.23991e+07
ADC
QT Input Channel

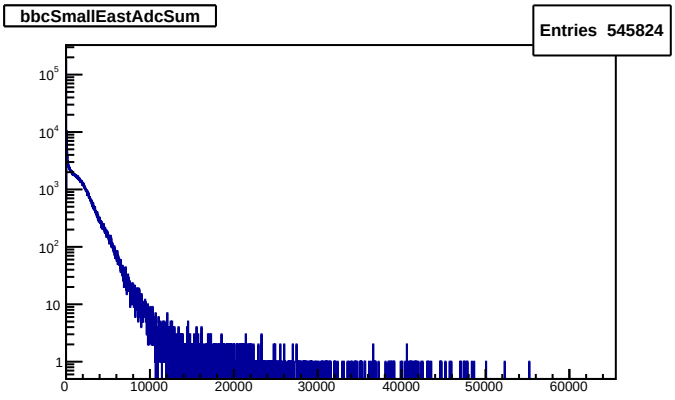

EQ2 QTC
Entries 5.23991e+07
TADC
QT Input Channel

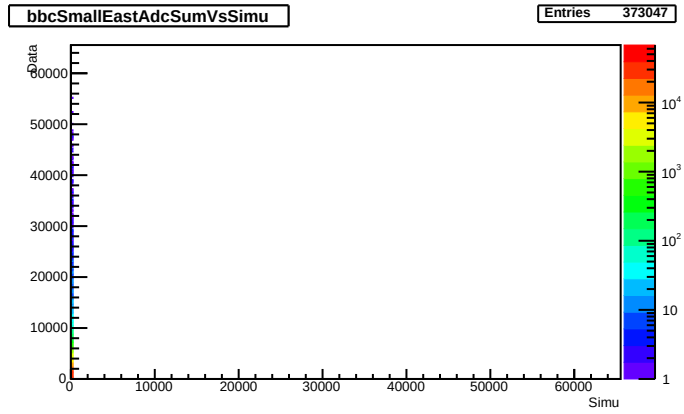

EQ3 QTB
Entries 1.397309e+08
ADC
QT Input Channel

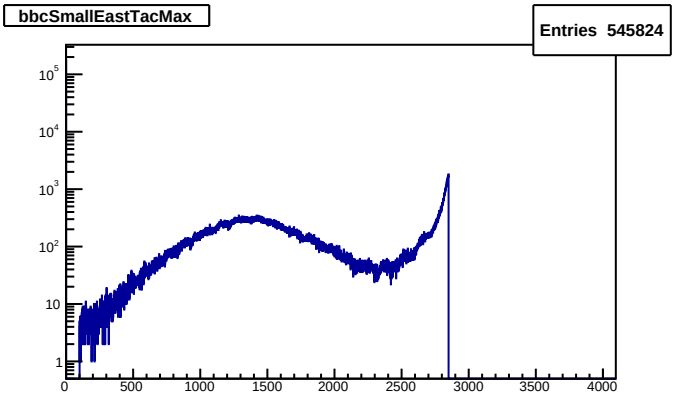

EQ3 QTB
Entries 3.933295e+07
TDC
QT Input Channel

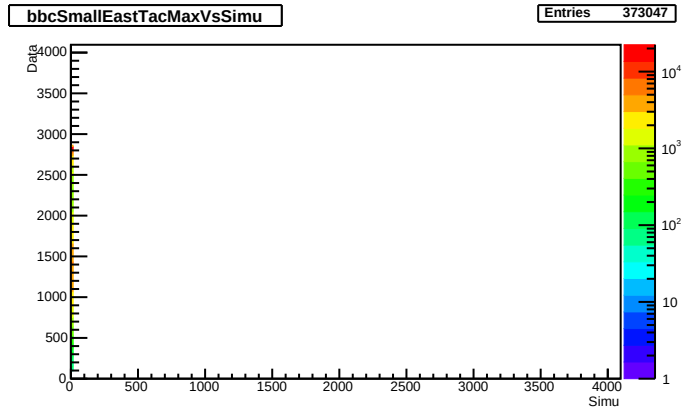

EQ3 QTC
Entries 5.23991e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.23991e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 545824


bbcSmallEastAdcSumVsSimu
Entries 373047
Data
Simu


bbcSmallEastTacMax
Entries 545824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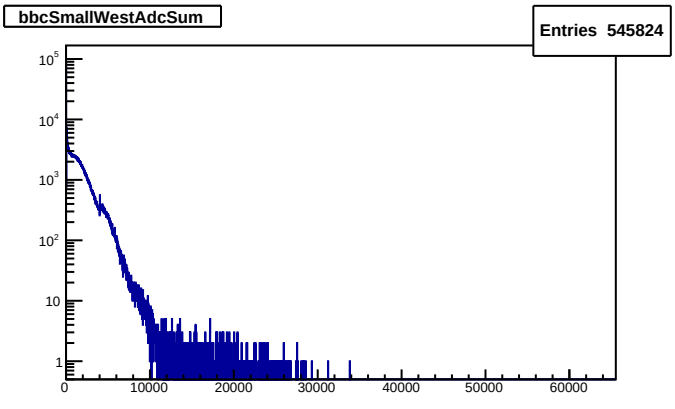
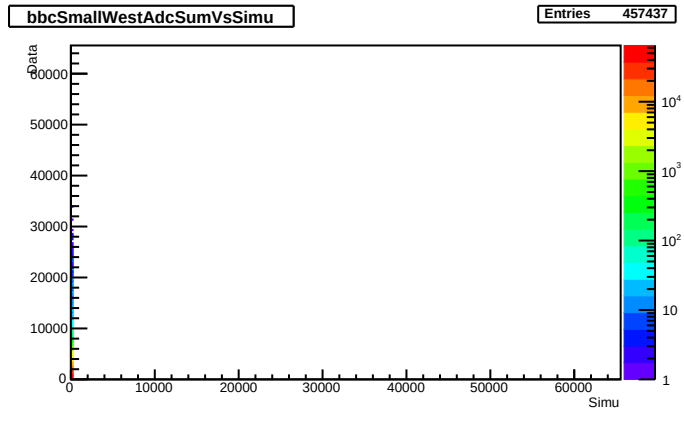
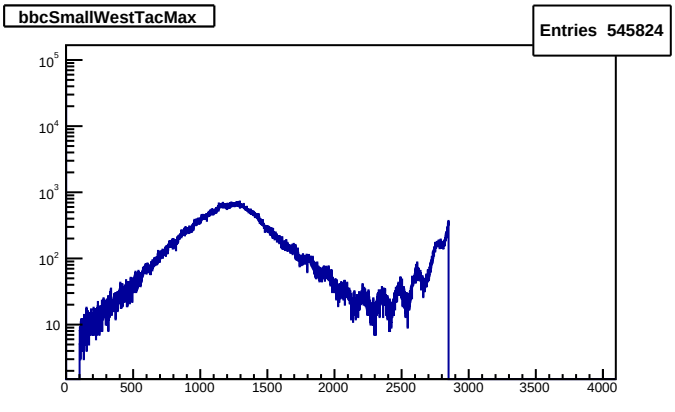
Entries 373047
Data
Simu


bbcSmallWestAdcSum
Entries 545824


bbcSmallWestAdcSumVsSimu
Entries 457437
Data
Simu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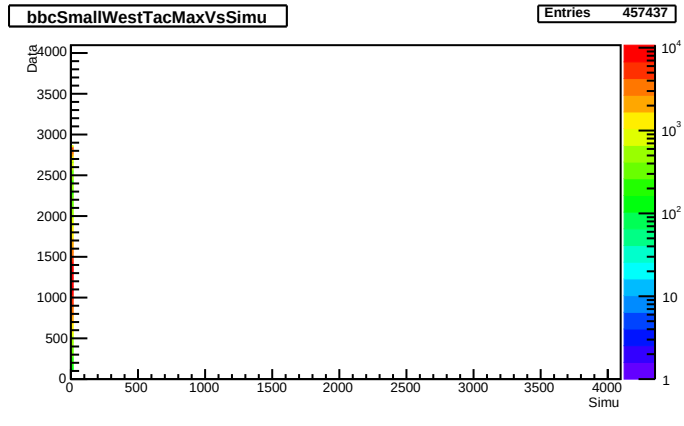
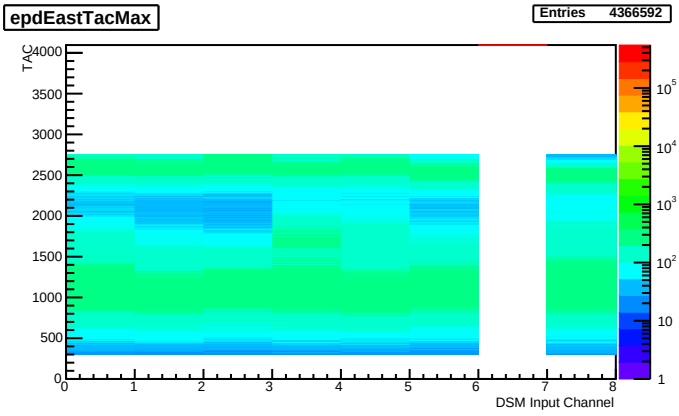
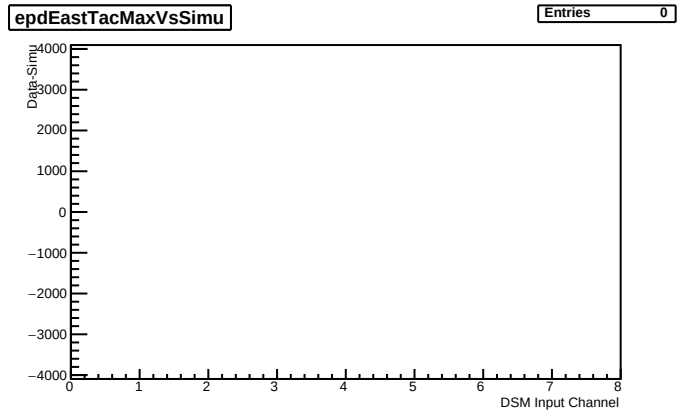
Entries 545824


bbcSmallWestTacMaxVsSimu
Entries 457437
Data
Simu


epdEastTacMax
Entries 4366592
TAC
DSM Input Channel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Entries 0
Data-Simu
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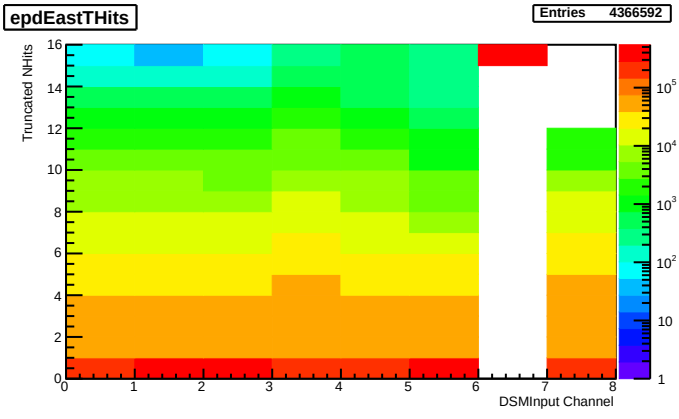
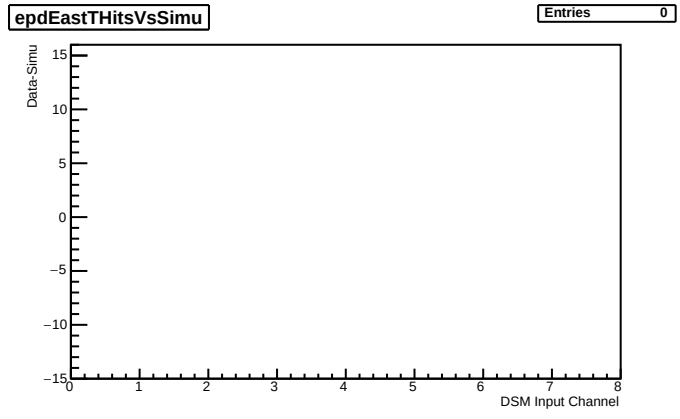
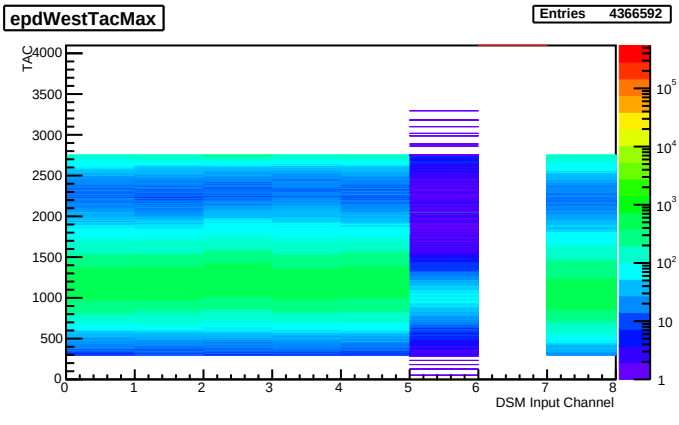
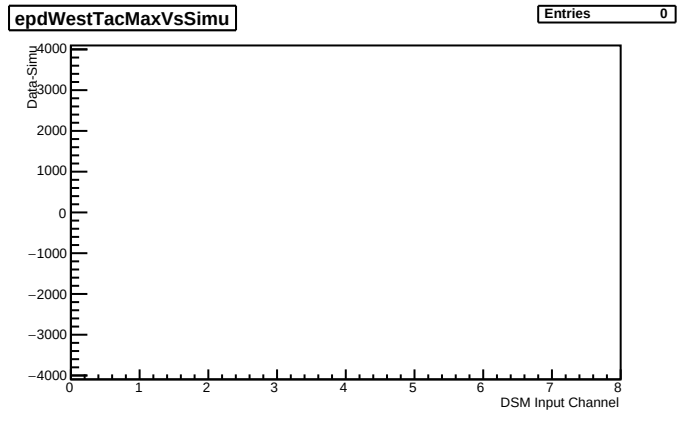

epdEastTHits
Entries 4366592
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4366592
TAC
DSM Input Channel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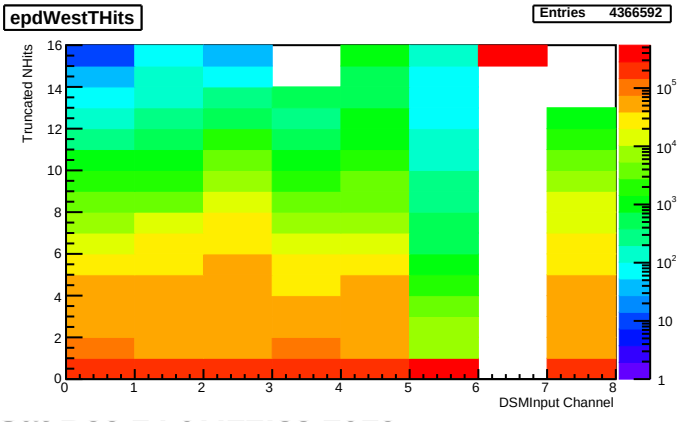
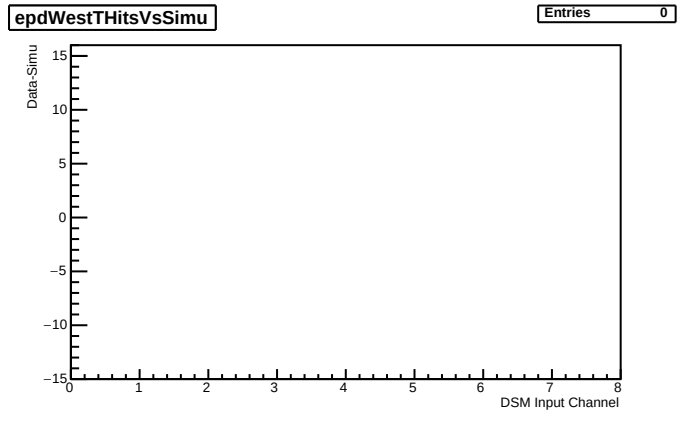
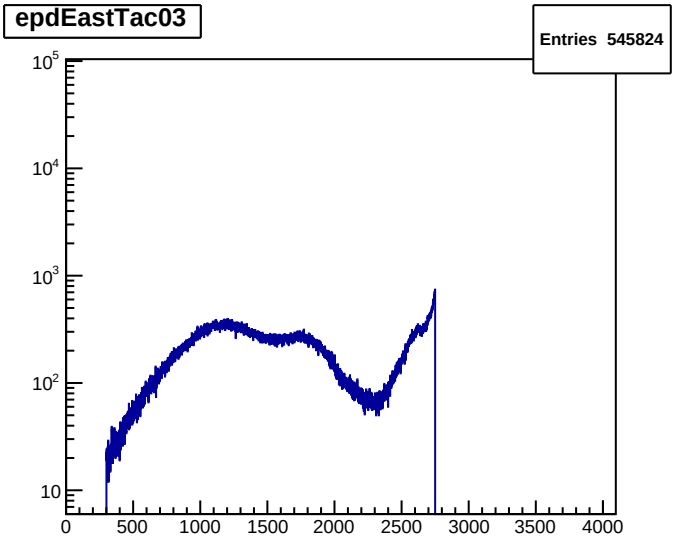
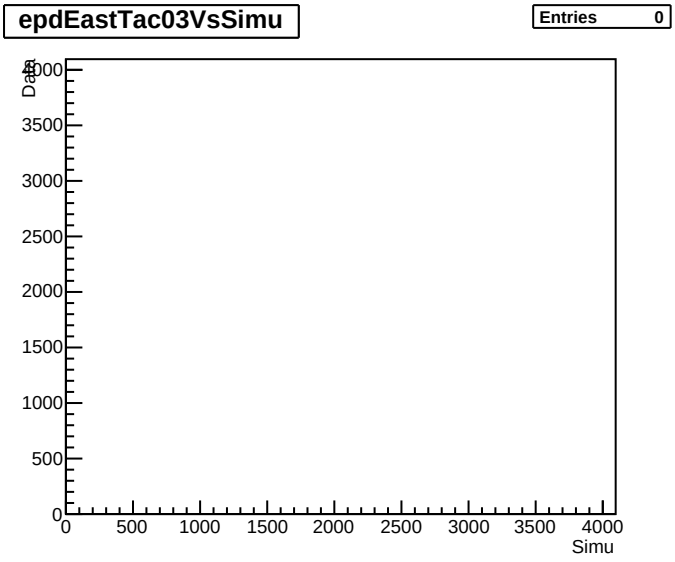
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4366592
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 545824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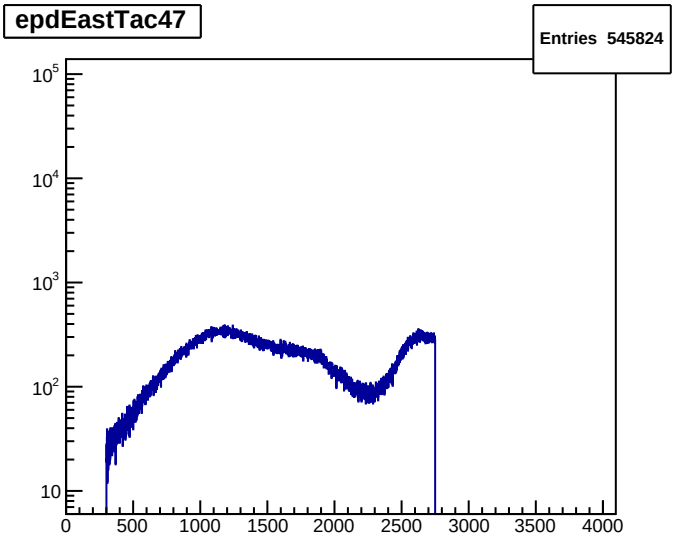
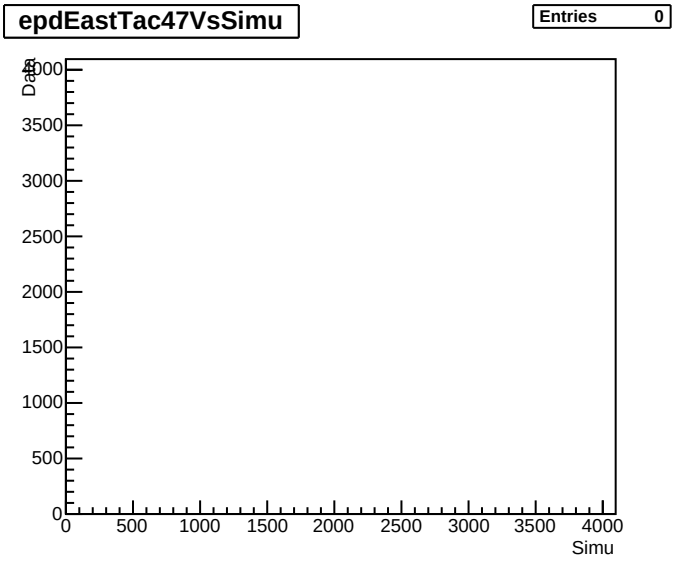
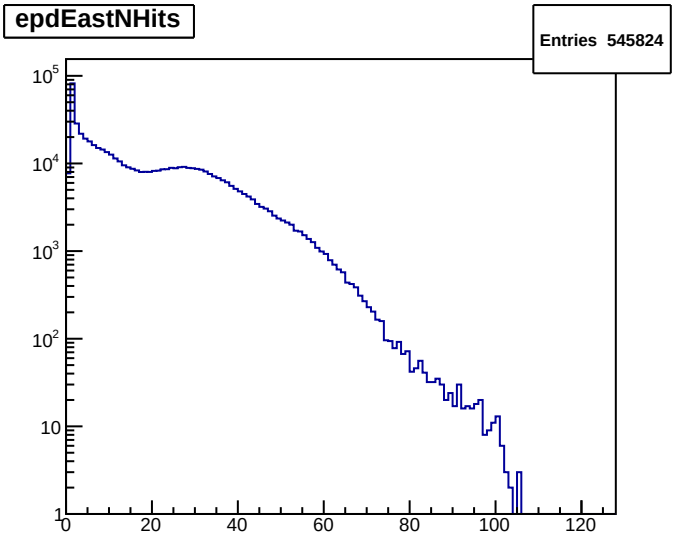
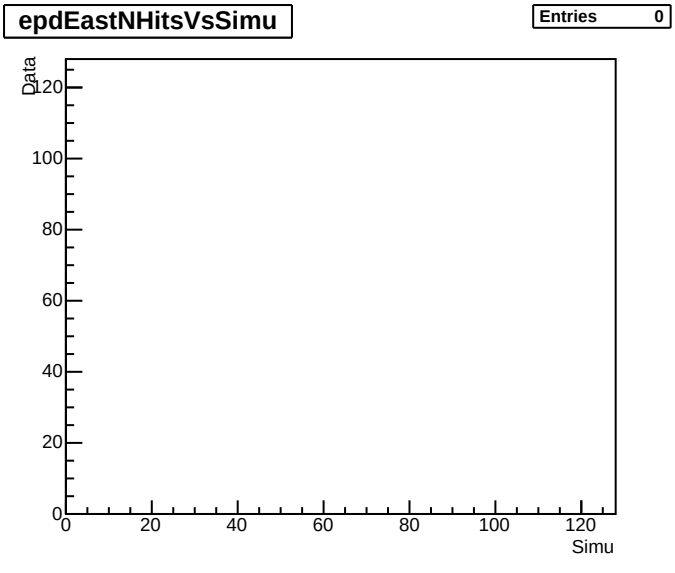
Entries 0
Data
Simu


epdEastTac47
Entries 545824


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 545824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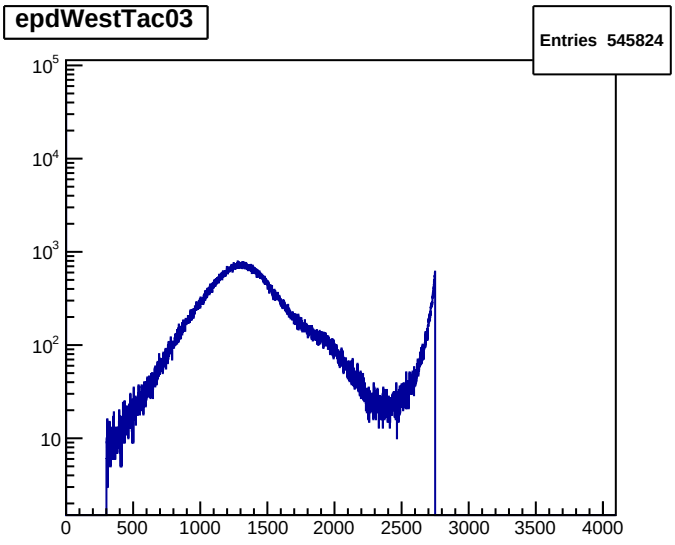
Entries 0
Data
Simu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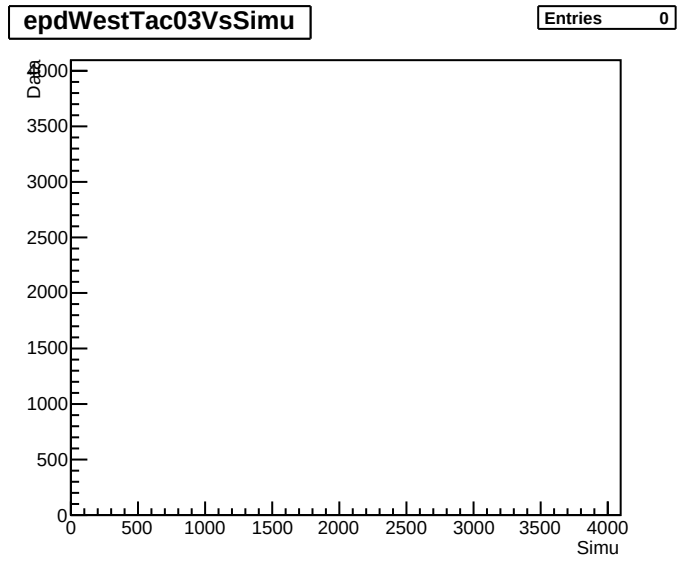
Entries 545824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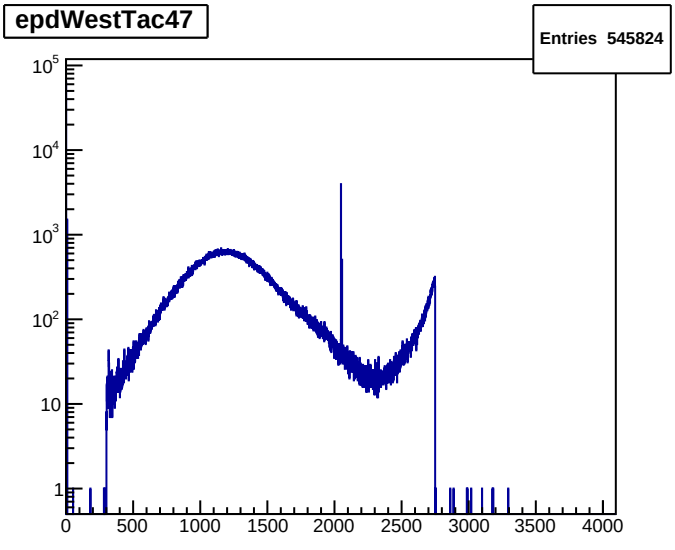
Entries 0
Data
Simu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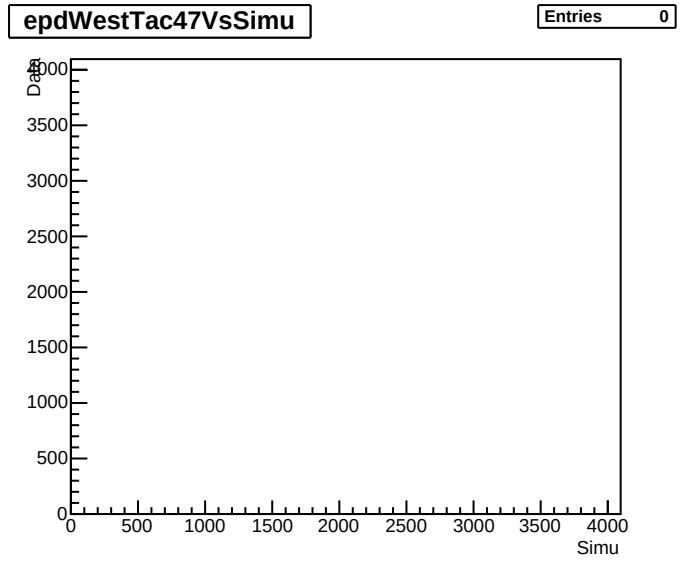
Entries 545824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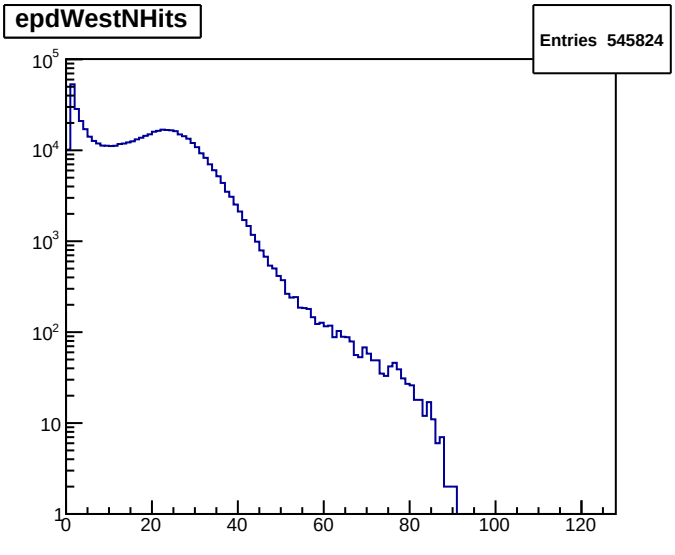
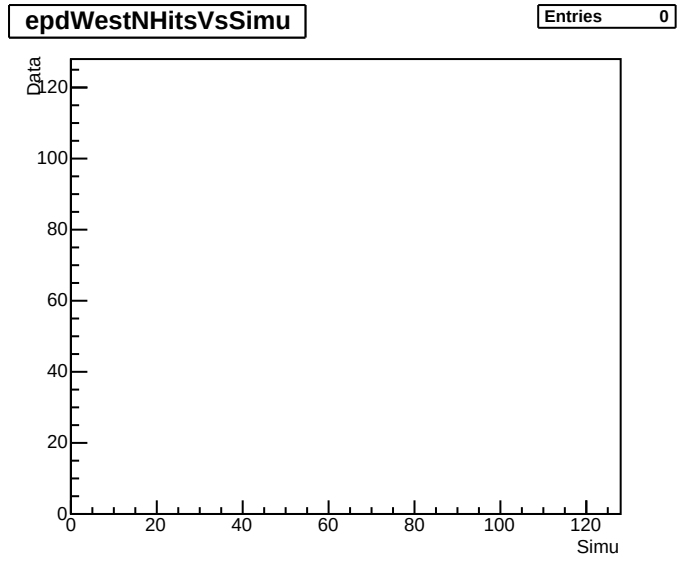
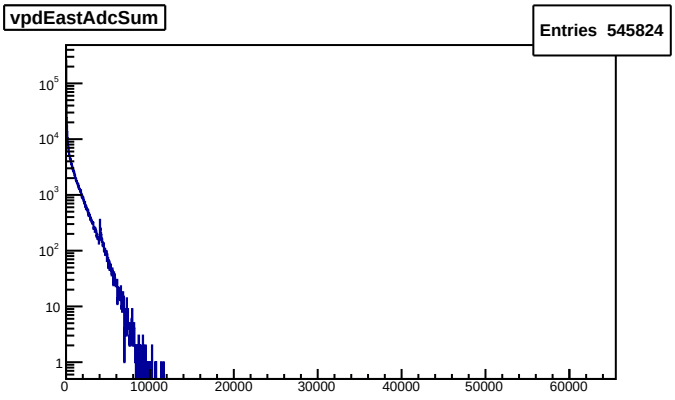
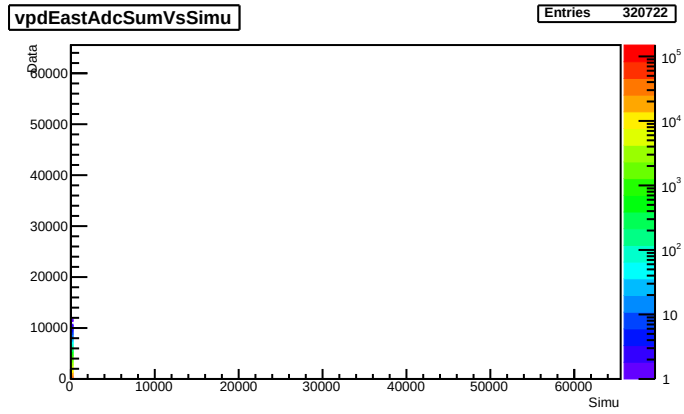
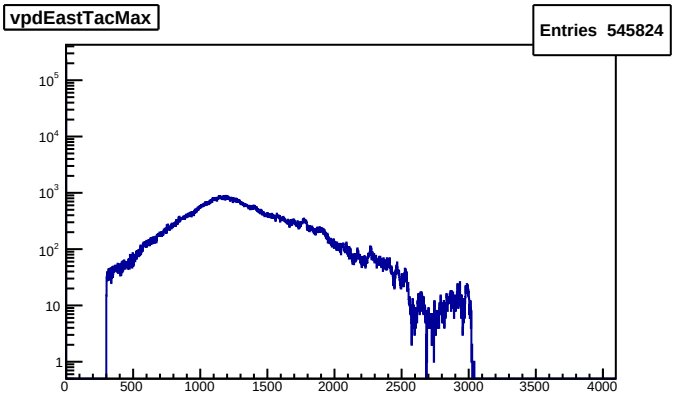
Data
Simu

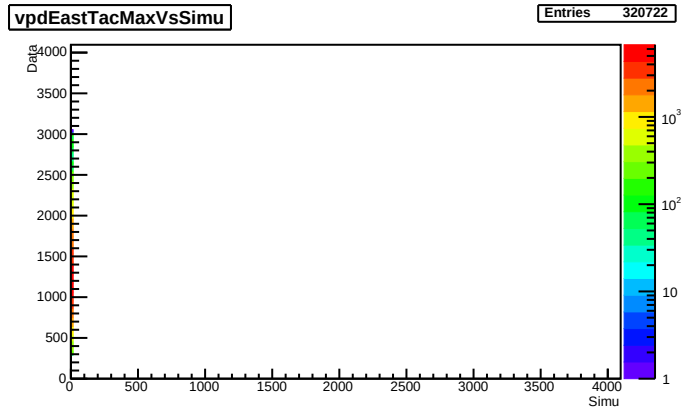

epdWestNHits
Entries 545824

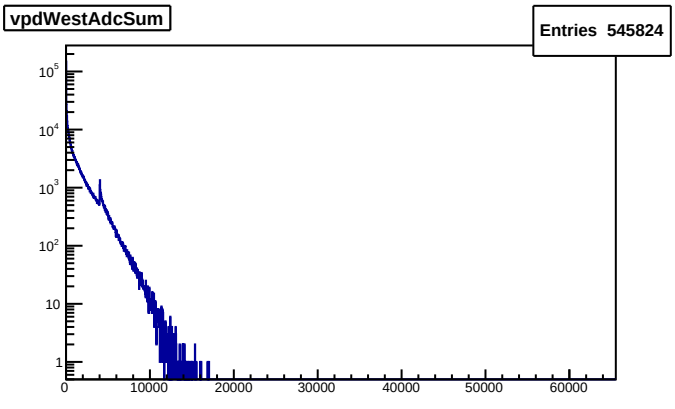

epdWestNHitsVsSimu
Entries 0
Data
Simu

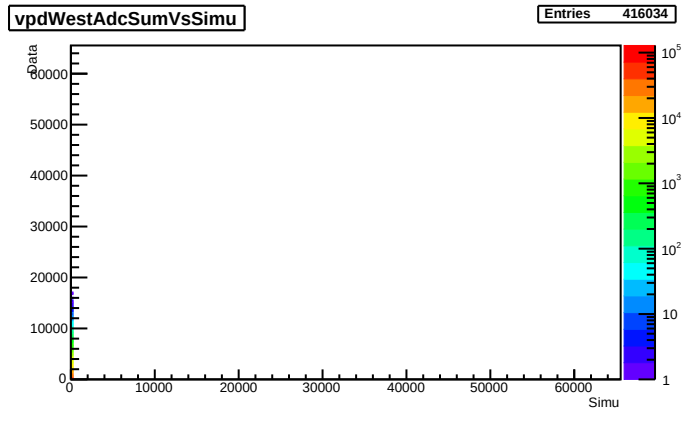

vpdEastAdcSum
Entries 545824

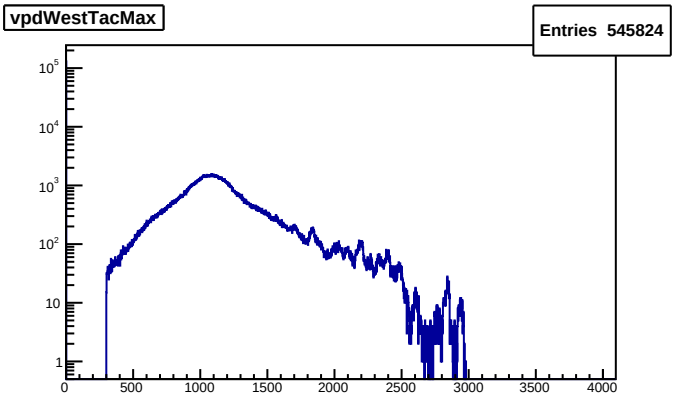

vpdEastAdcSumVsSimu
Entries 320722
Data
Simu

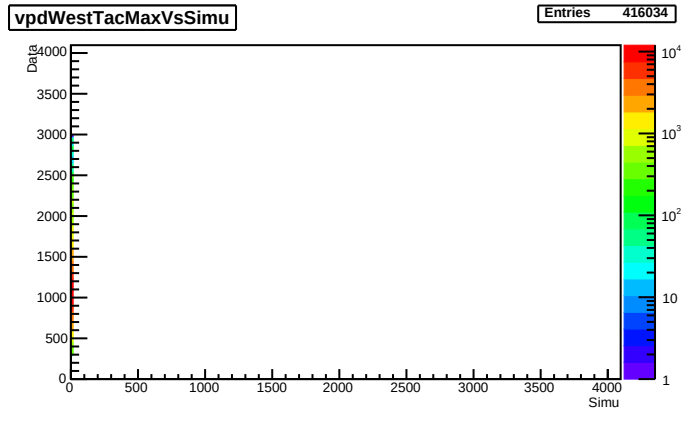

vpdEastTacMax
Entries 545824

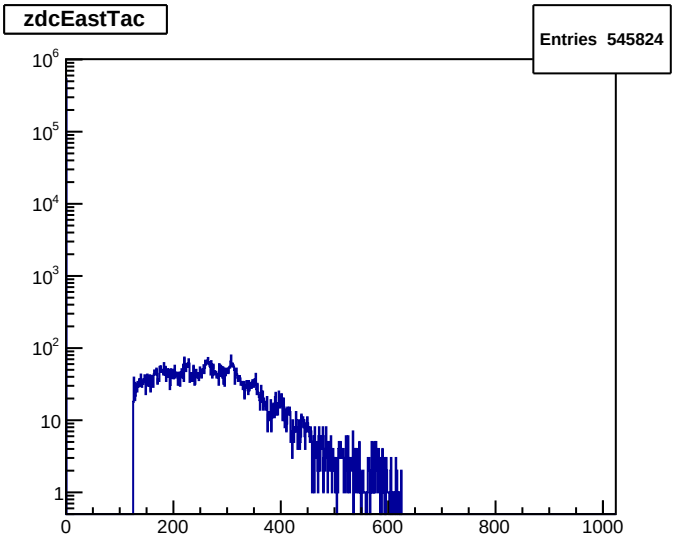

vpdEastTacMaxVsSimu
Entries 320722
Data
Simu

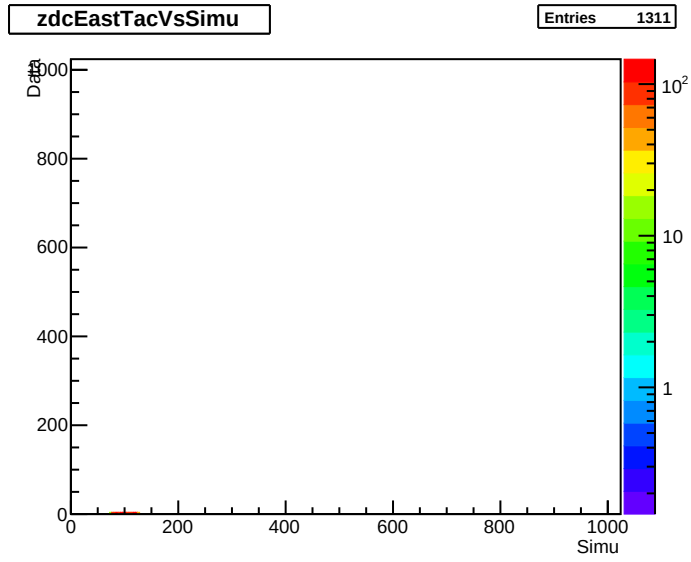

vpdWestAdcSum
Entries 545824

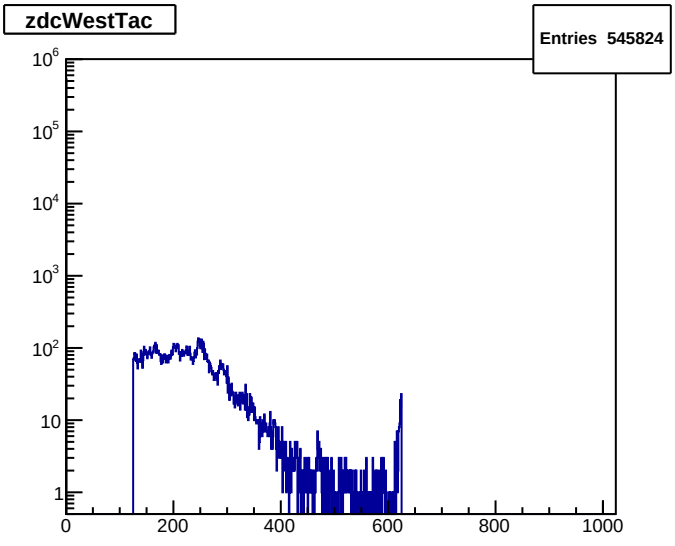

vpdWestAdcSumVsSimu
Entries 416034
Data
Simu

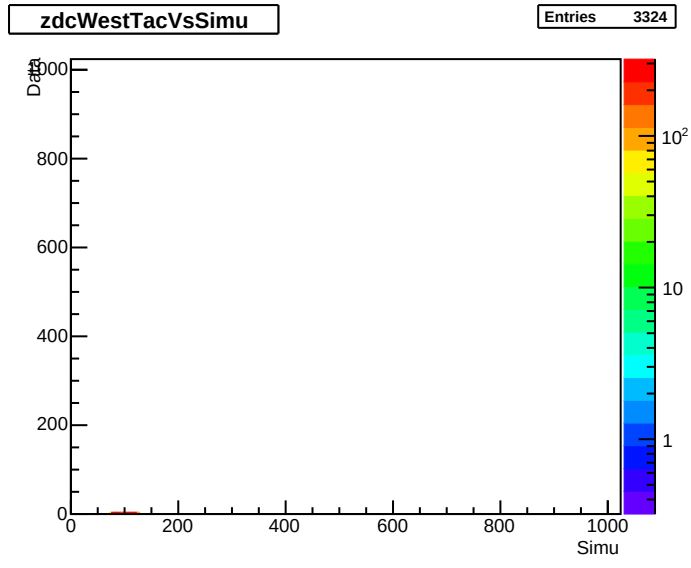

vpdWestTacMax
Entries 545824

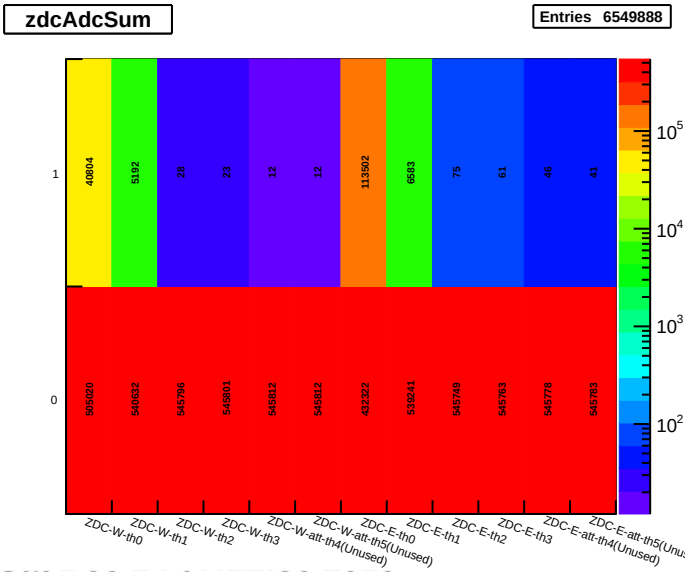

vpdWestTacMaxVsSimu
Entries 416034
Data
Simu

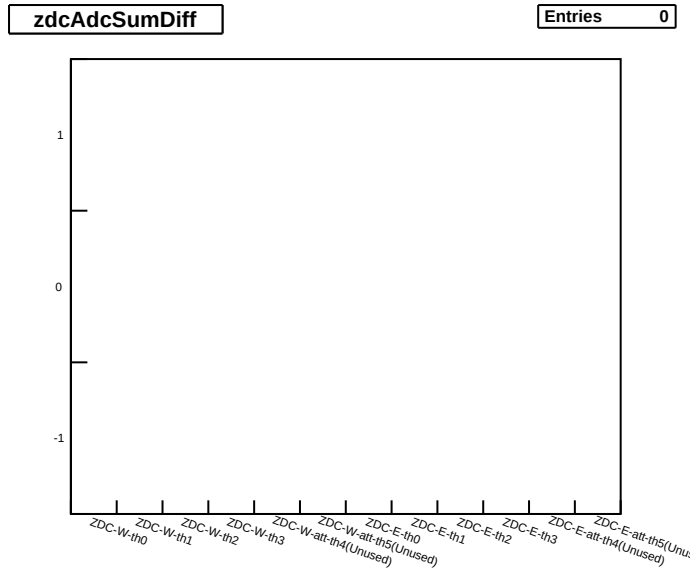

zdcEastTac
Entries 545824

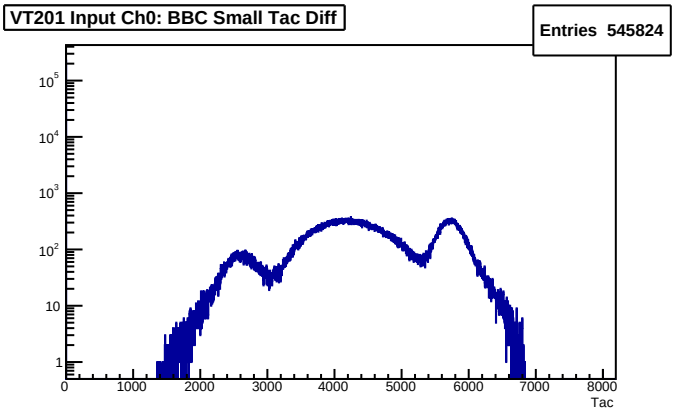

zdcEastTacVsSimu
Entries 1311
Data
Simu

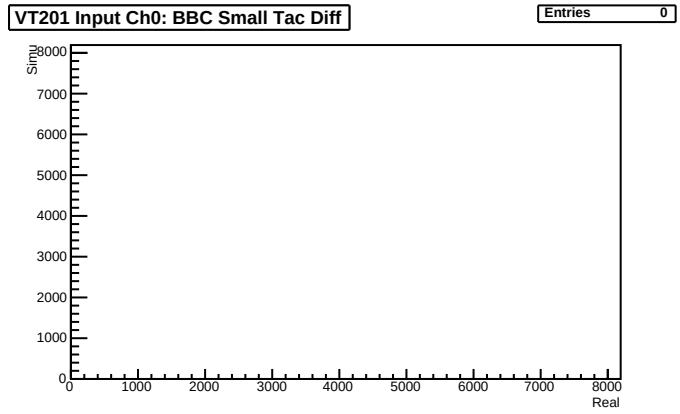

zdcWestTac
Entries 545824

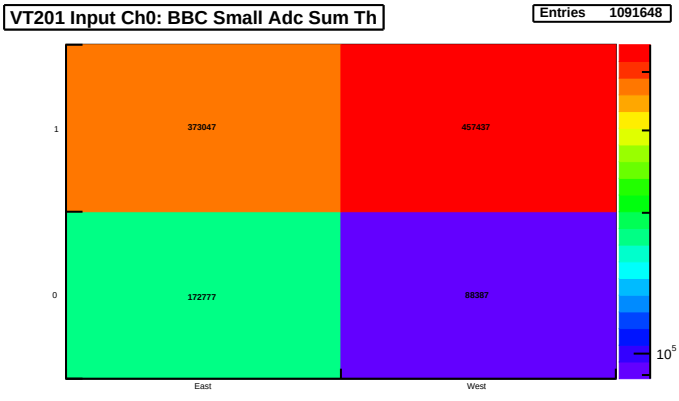

zdcWestTacVsSimu
Entries 3324
Data
Simu

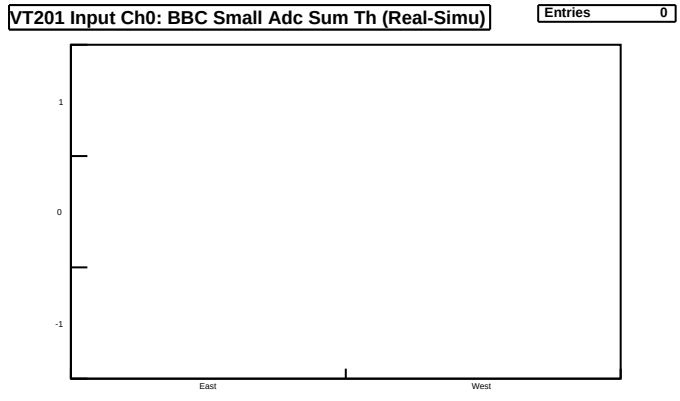

zdcAdcSum
Entries 6549888
40804
5192
28
23
12
12
113502
6583
75
61
46
41
505020
540632
545796
545801
545812
545812
432322
539241
545749
545763
545778
545783
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

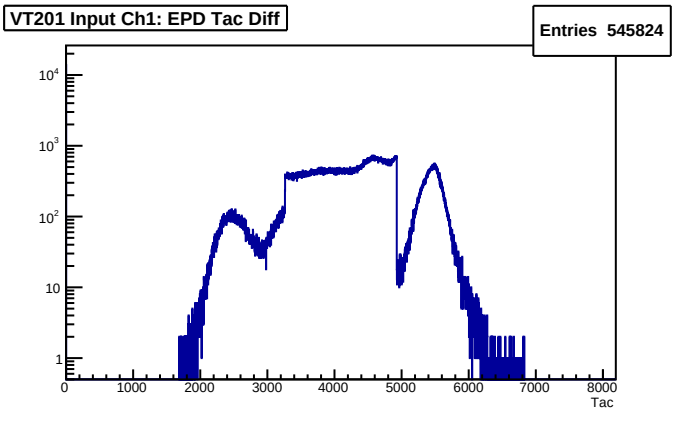

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

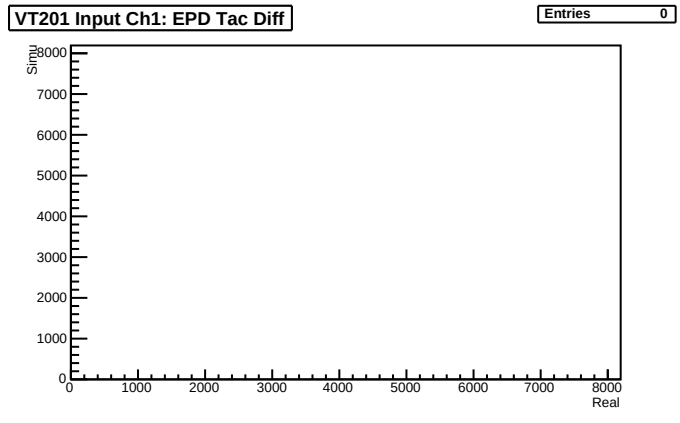

VT201 Input Ch0: BBC Small Tac Diff
Entries 545824
Tac

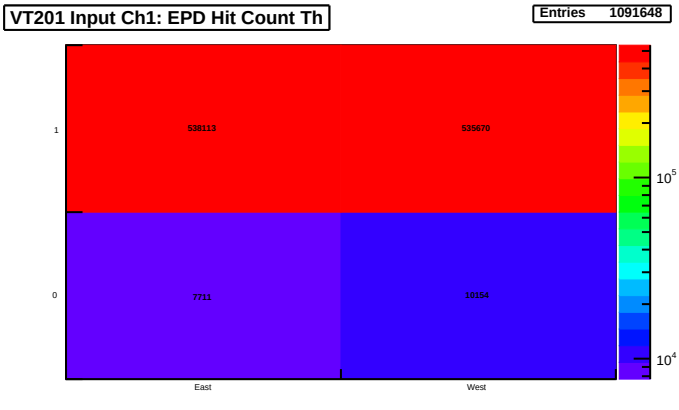

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

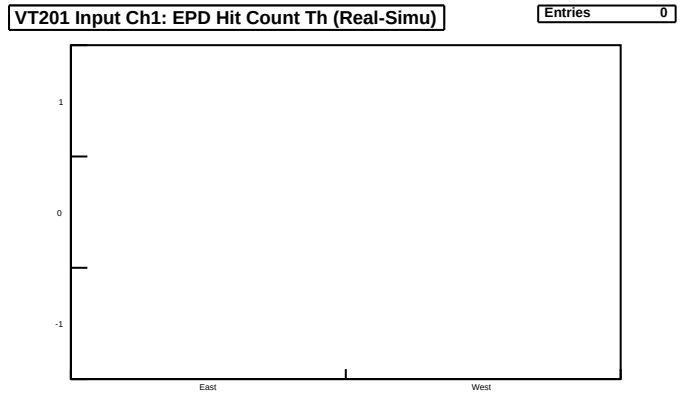

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1091648
373047
457437
172777
88387
East
West

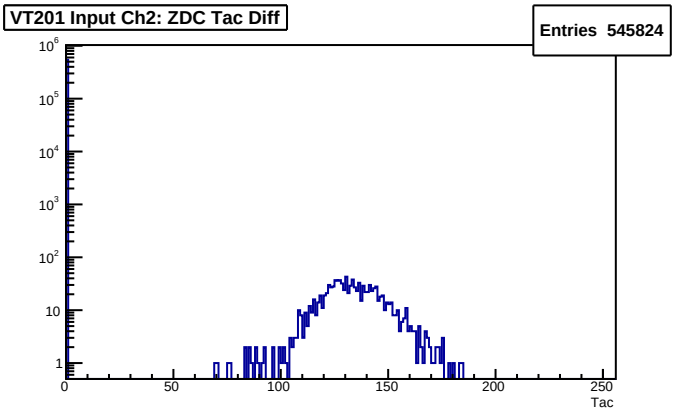

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

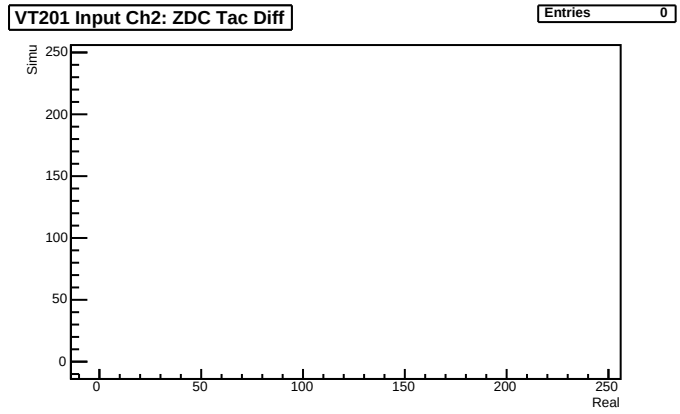

VT201 Input Ch1: EPD Tac Diff
Entries 545824
Tac

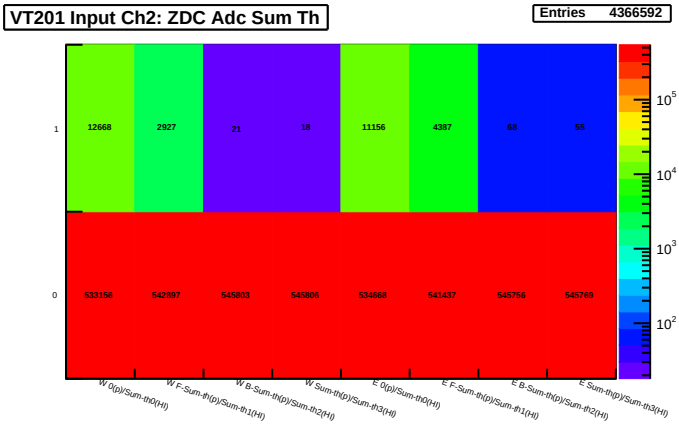

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

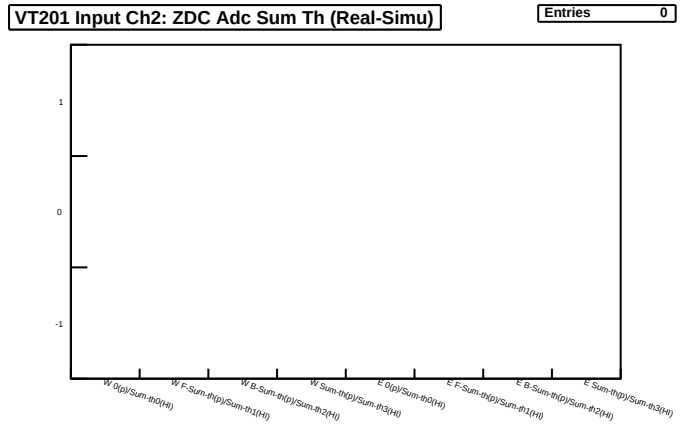

VT201 Input Ch1: EPD Hit Count Th
Entries 1091648
538113
535670
7711
10154
East
West

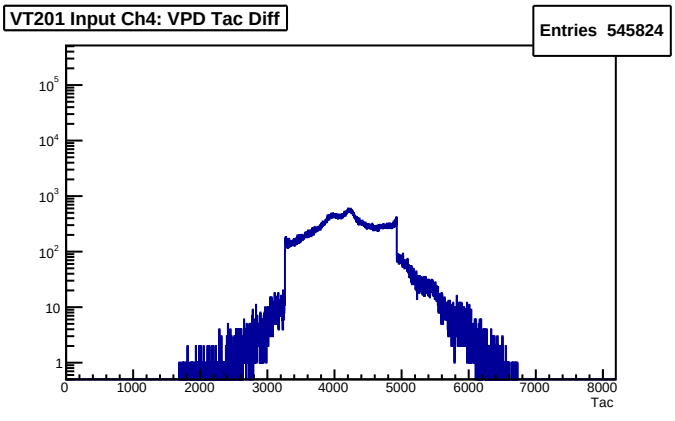

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

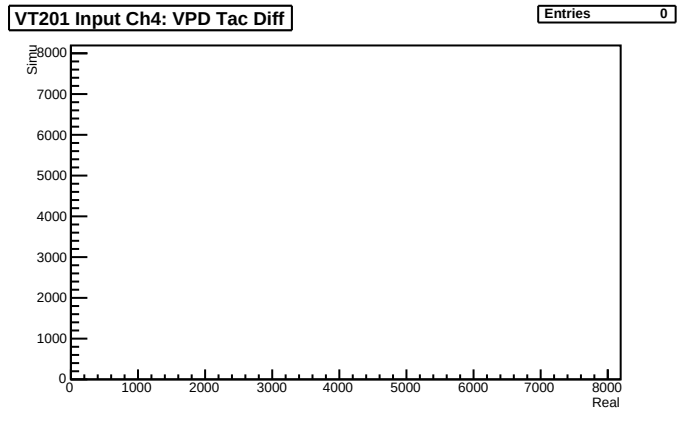

VT201 Input Ch2: ZDC Tac Diff
Entries 545824
Tac

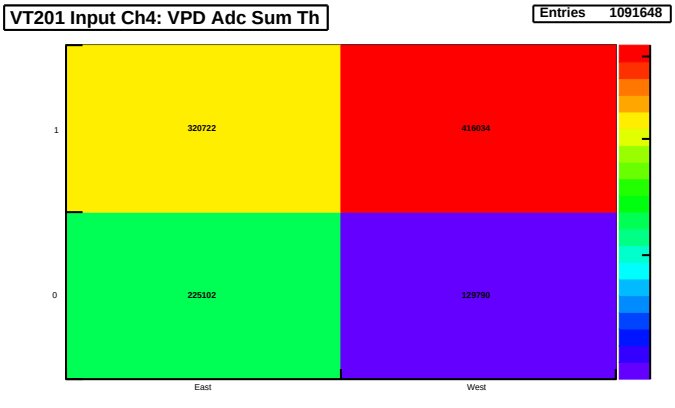

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

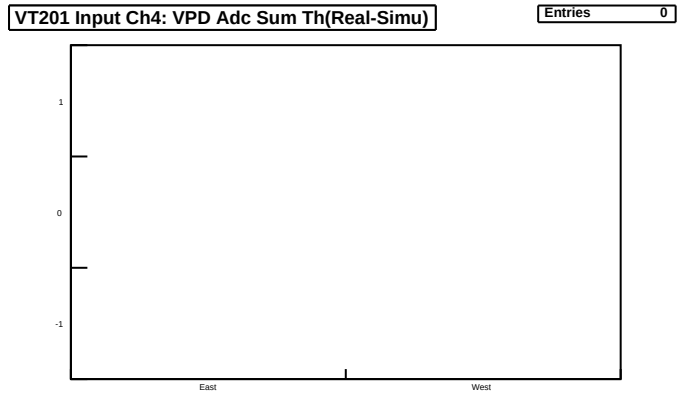

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4366592
12668
2927
21
18
11156
4387
68
55
533156
542897
545803
545806
534668
541437
545756
545769
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

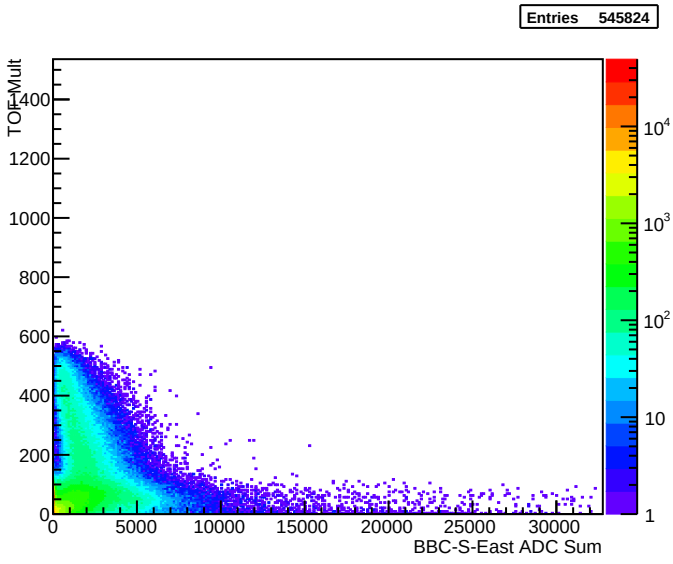

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

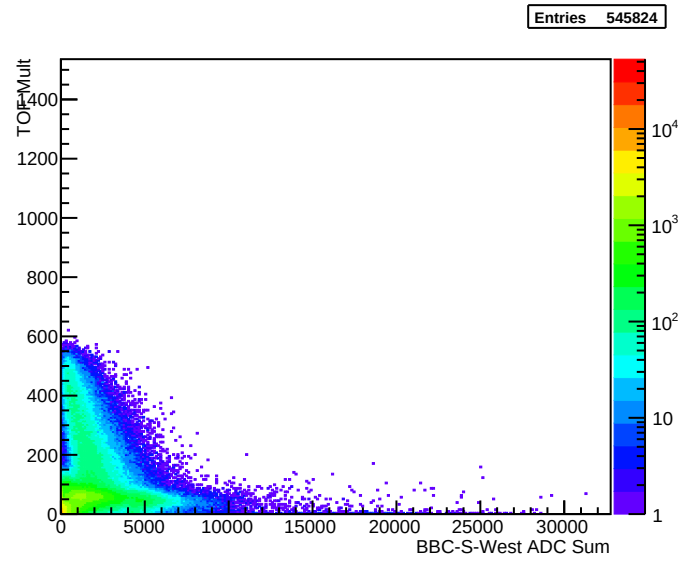

VT201 Input Ch4: VPD Tac Diff
Entries 545824
Tac

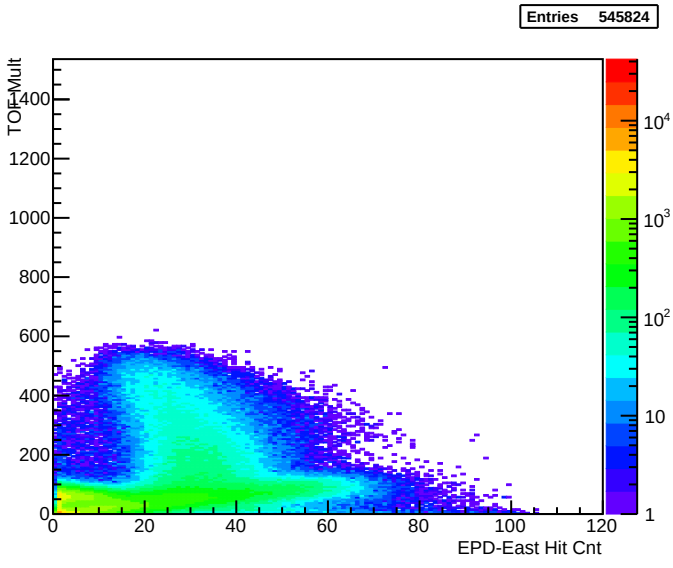

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

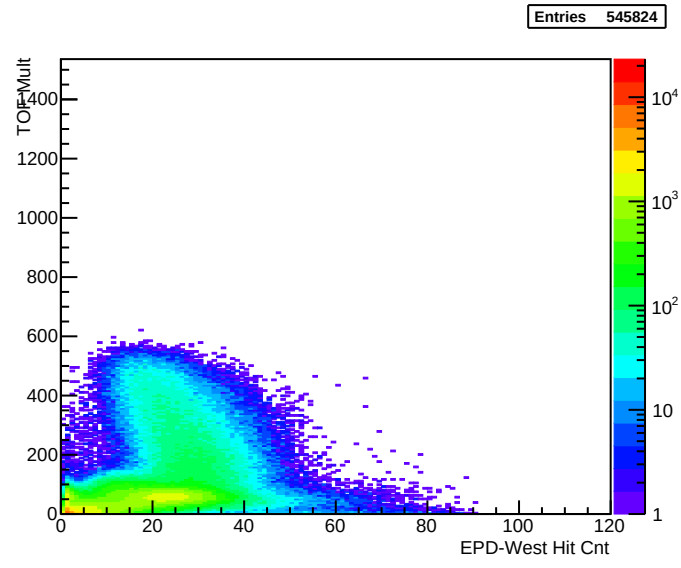

VT201 Input Ch4: VPD Adc Sum Th
Entries 1091648
320722
416034
225102
129790
East
West

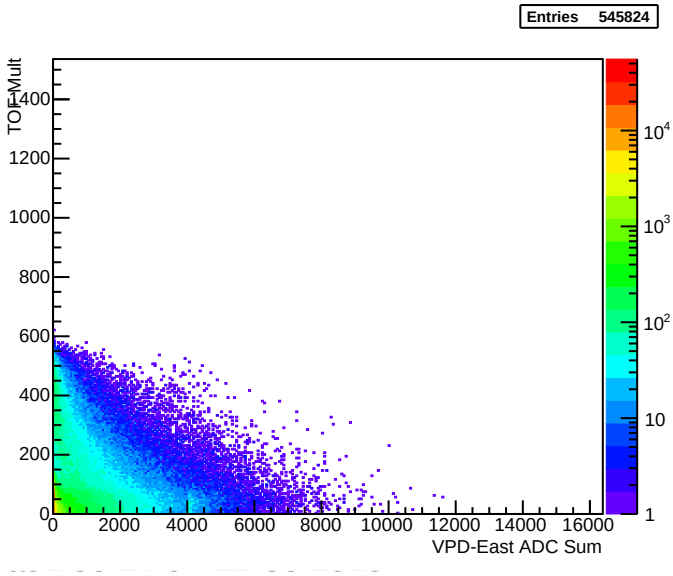

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

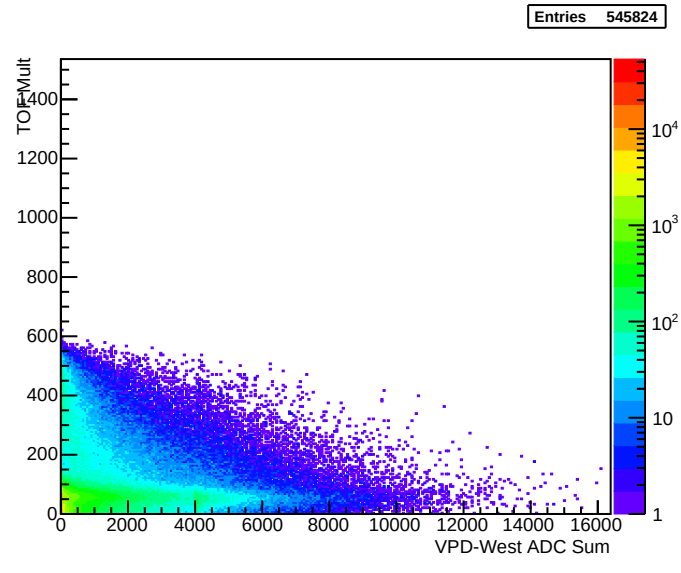

Entries 545824
TOF-Mult
BBC-S-East ADC Sum

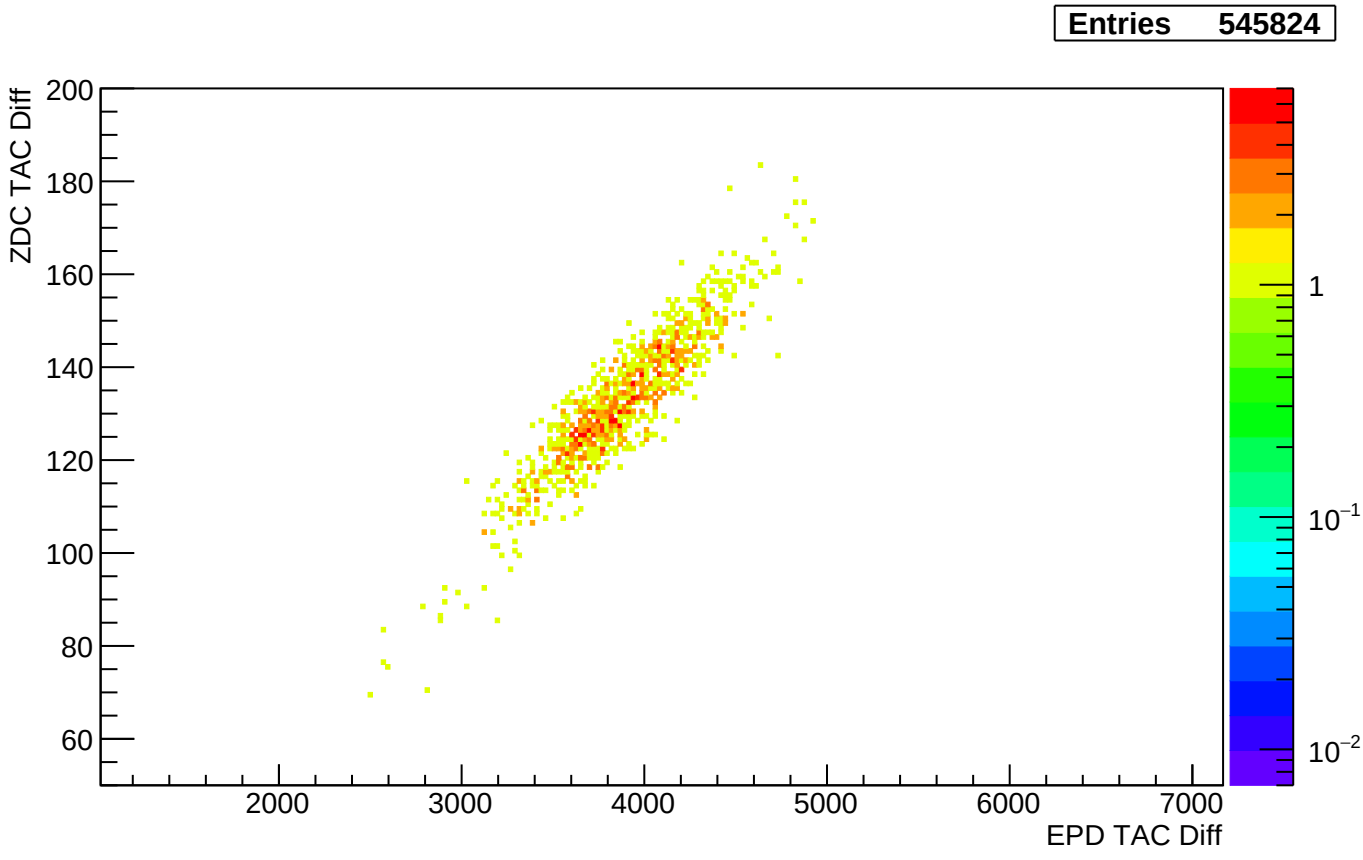

Entries 545824
TOF-Mult
BBC-S-West ADC Sum

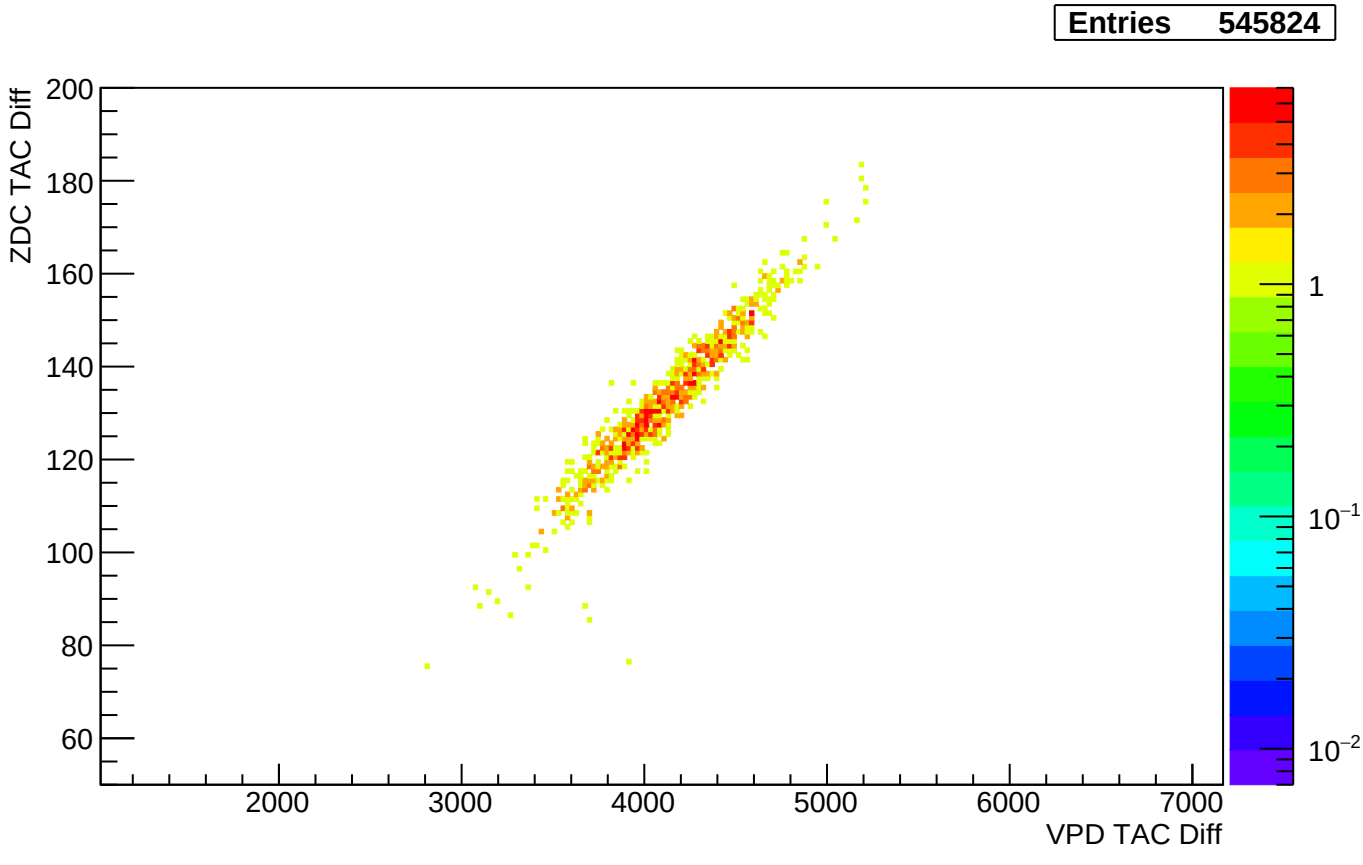

Entries 545824
TOF-Mult
EPD-East Hit Cnt

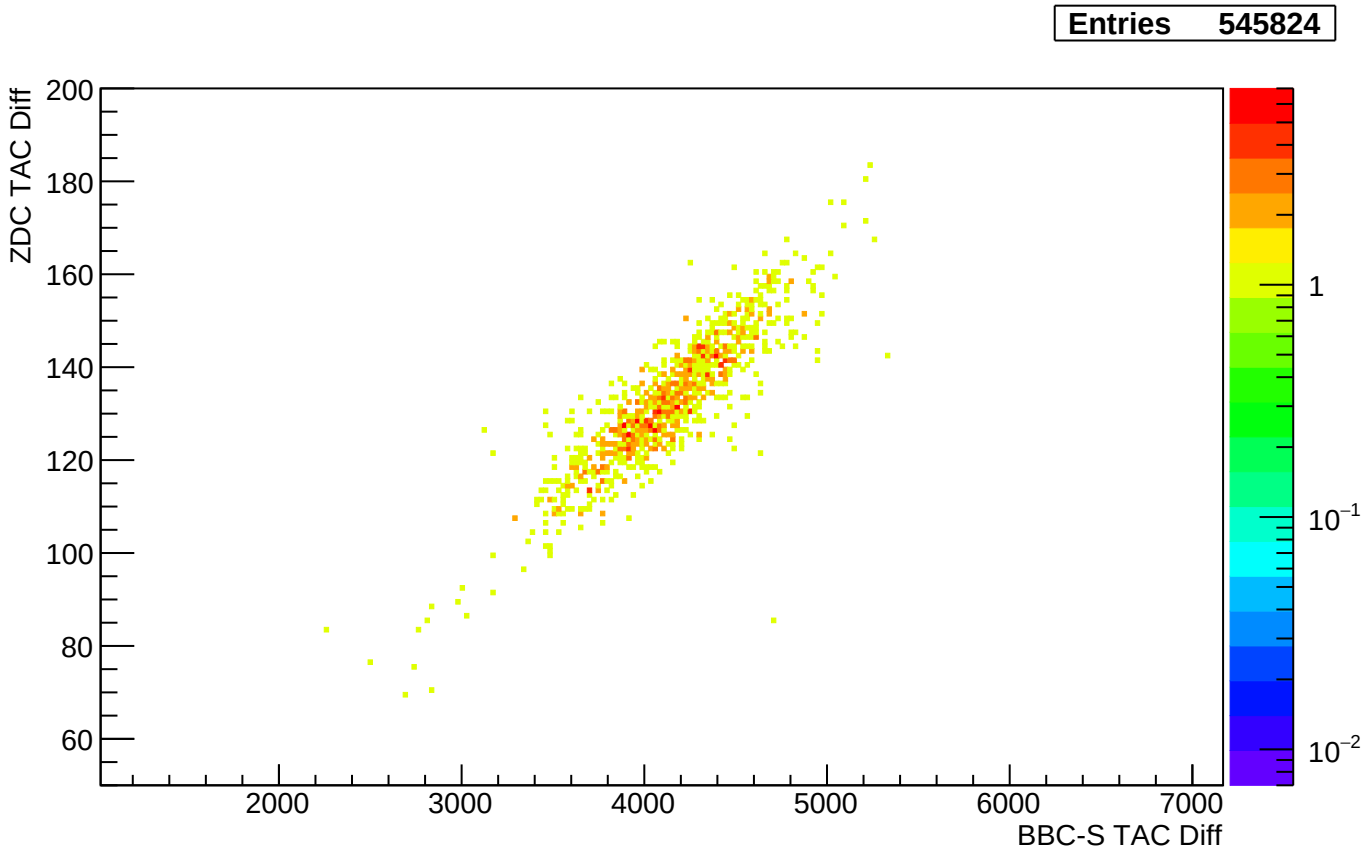

Entries 545824
TOF-Mult
EPD-West Hit Cnt

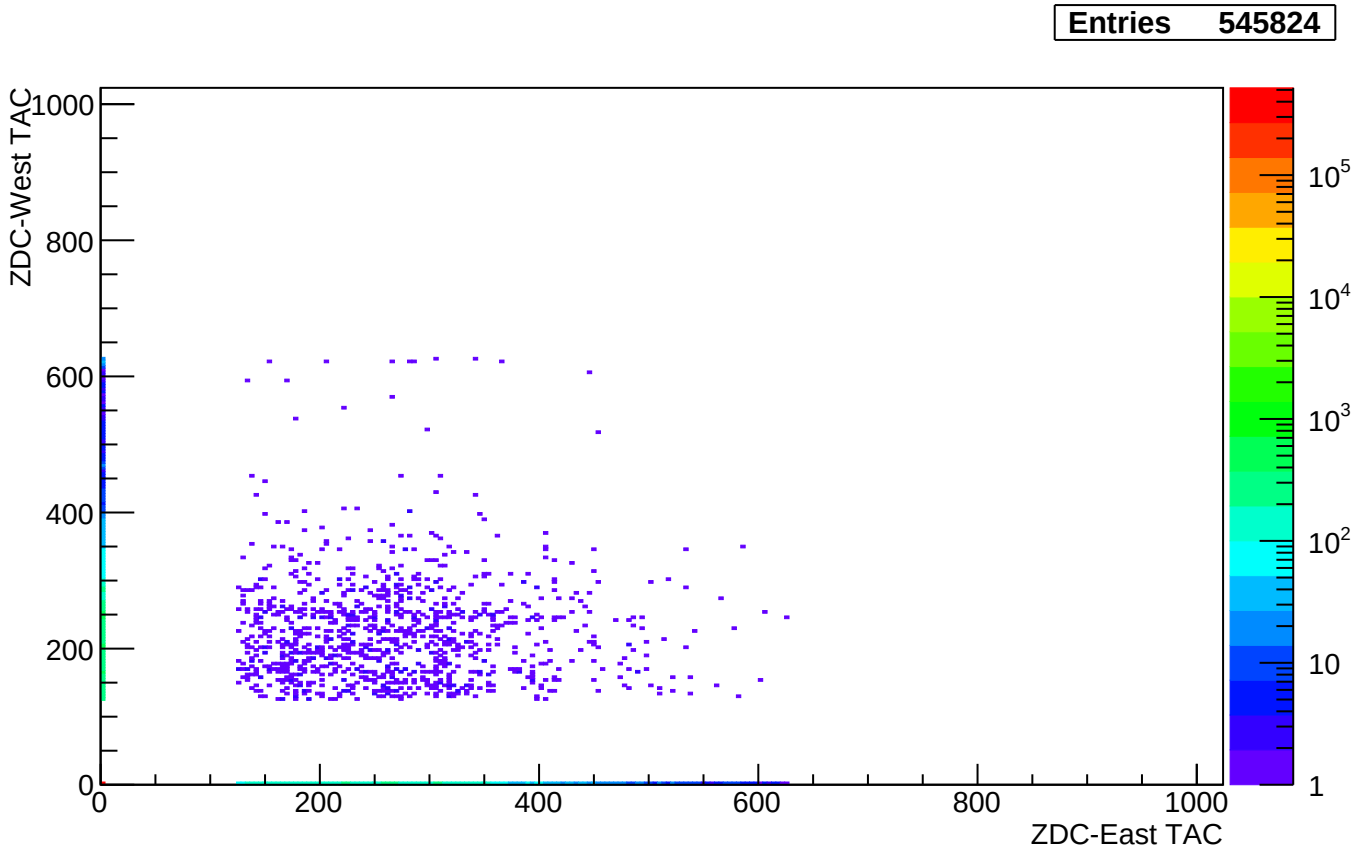

Entries 545824
TOF-Mult
VPD-East ADC Sum

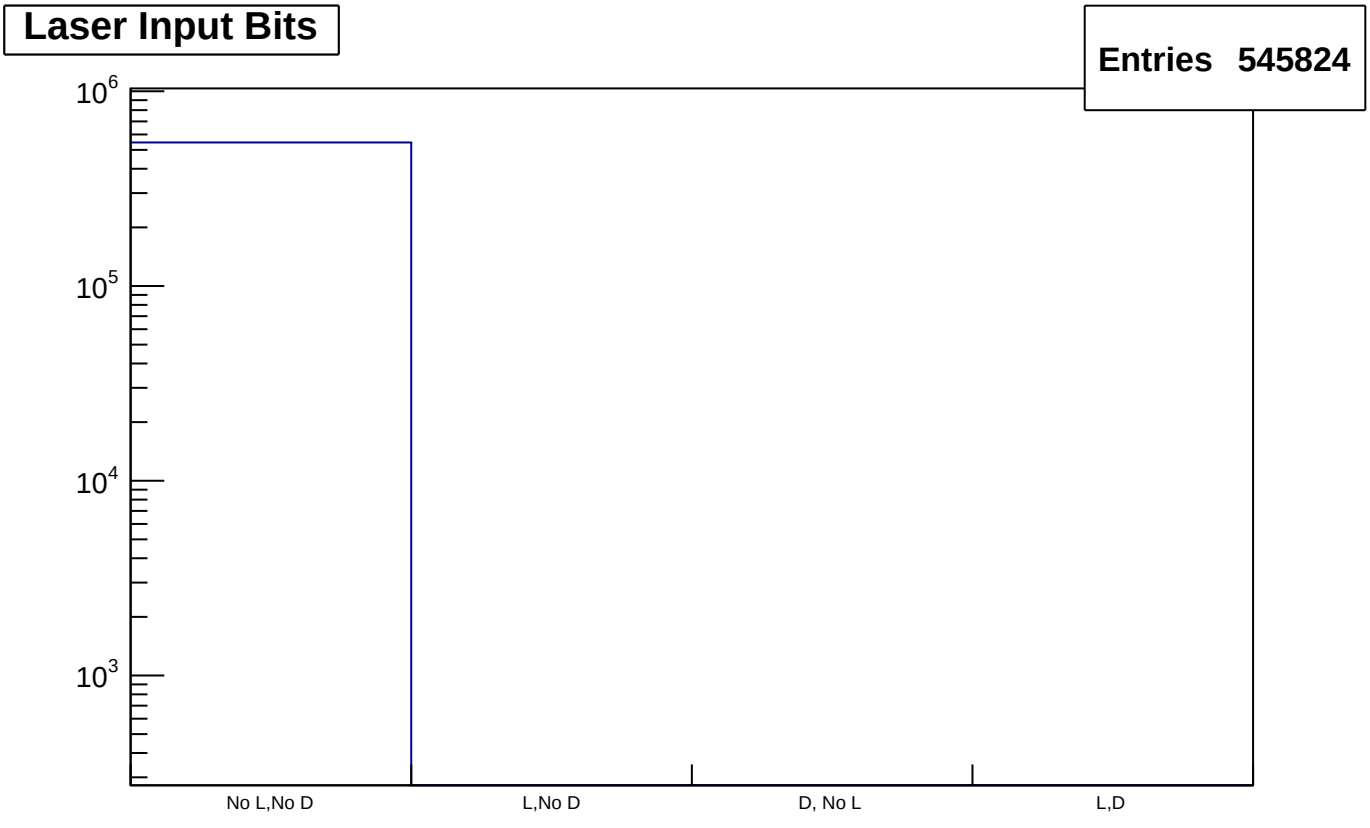

Entries 545824
TOF-Mult
VPD-West ADC Sum

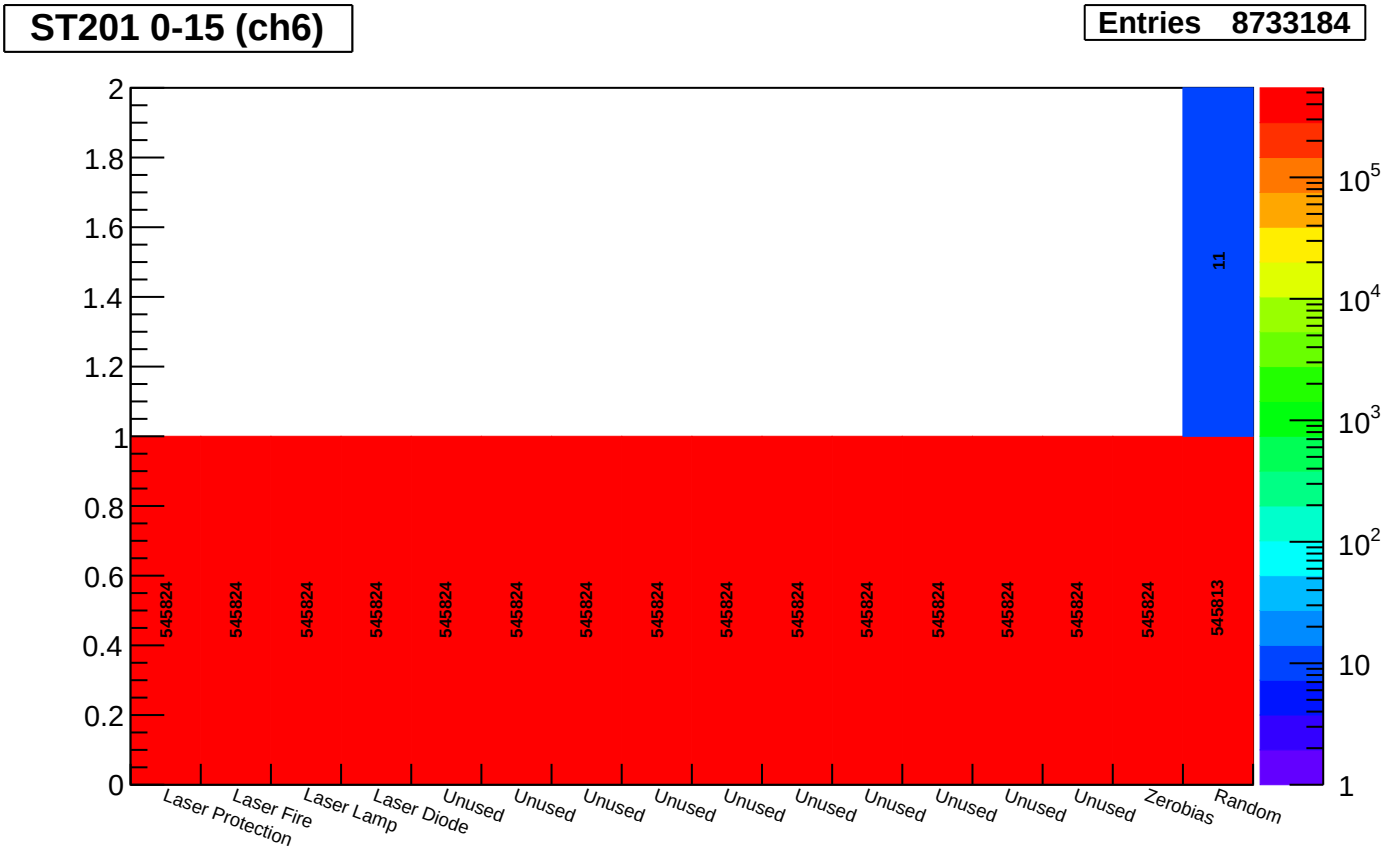

Entries 545824
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

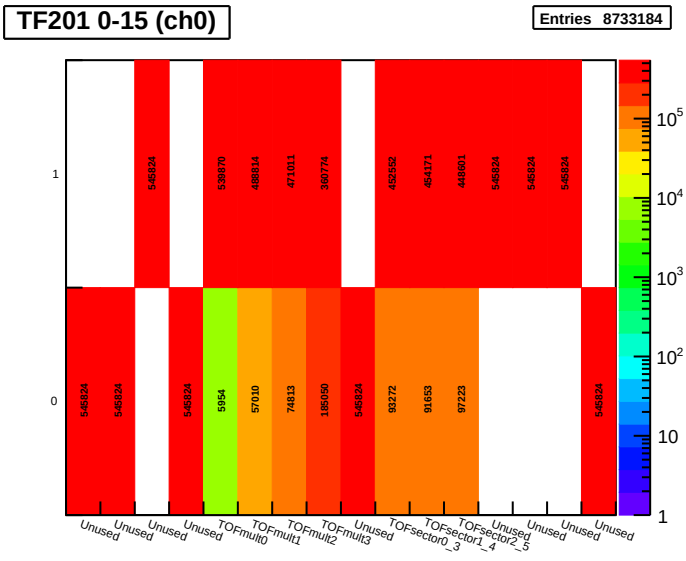

Entries 545824
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

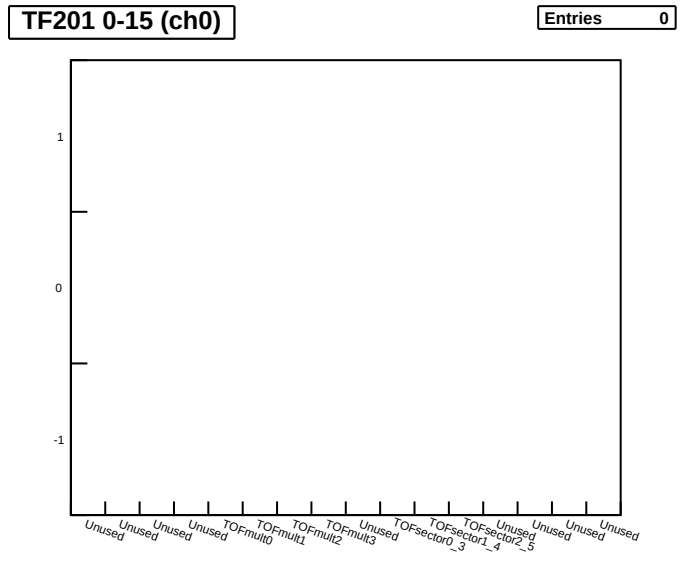

Entries 545824
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

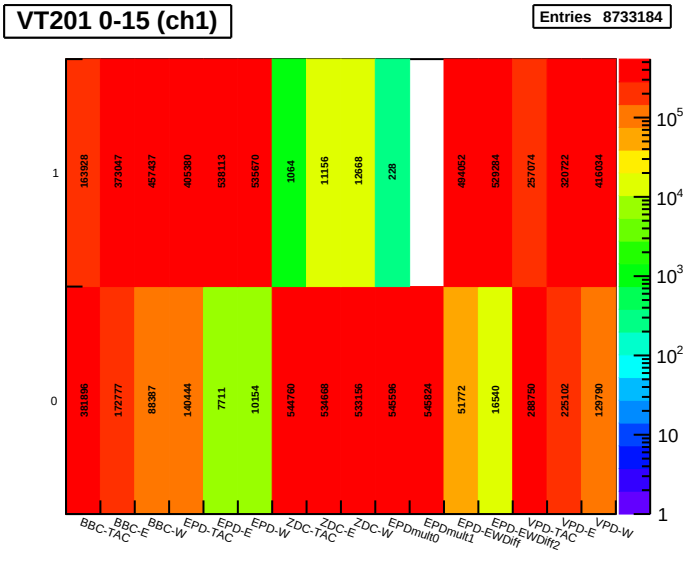

Entries 545824
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

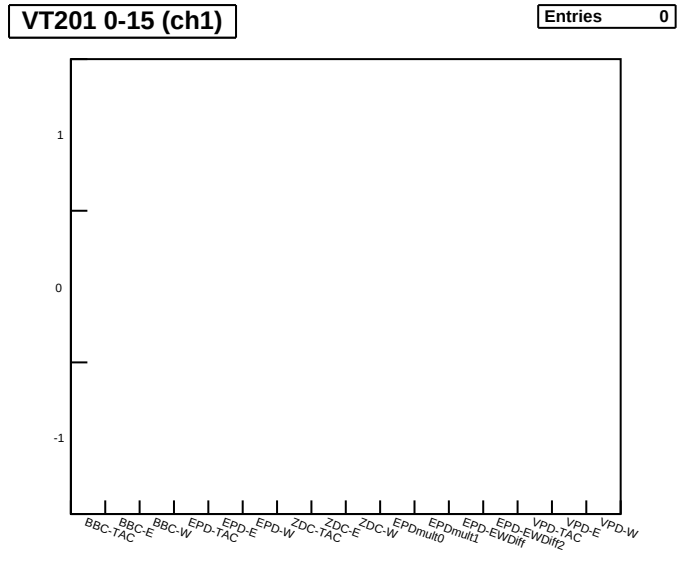

Laser Input Bits
Entries 545824
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

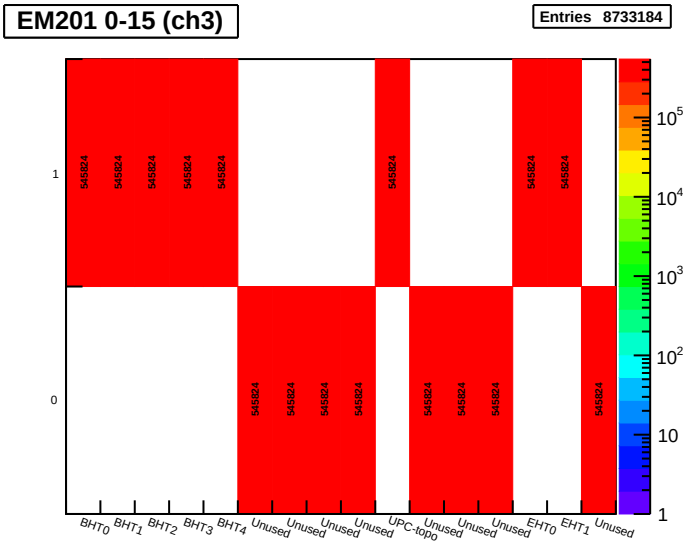

ST201 0-15 (ch6)
Entries 8733184
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545813
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

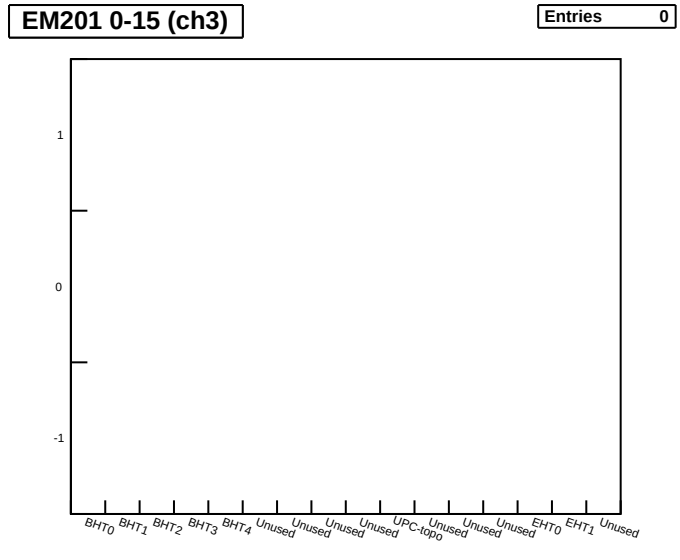

TF201 0-15 (ch0)
Entries 8733184
1
0
546824
539870
488814
471011
360774
452552
454171
448601
546824
546824
546824
546824
546824
546824
546824
5954
57010
74813
185050
546824
93272
91653
97223
546824
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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
Unused


VT201 0-15 (ch1)
Entries 8733184
1
0
163928
373047
457437
405380
538113
535670
1064
11156
12668
228
494052
529284
257074
320722
416034
381896
172777
88387
140444
7711
10154
544760
534668
533156
545596
545824
51772
16540
288750
225102
129790
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 8733184
1
0
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
545824
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