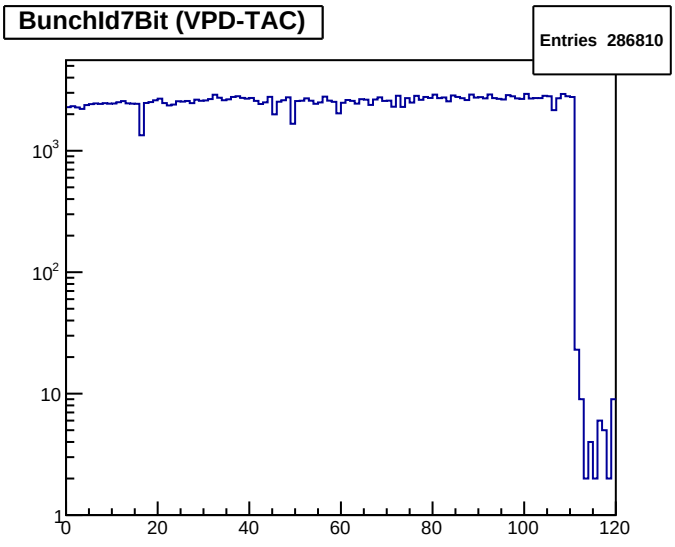
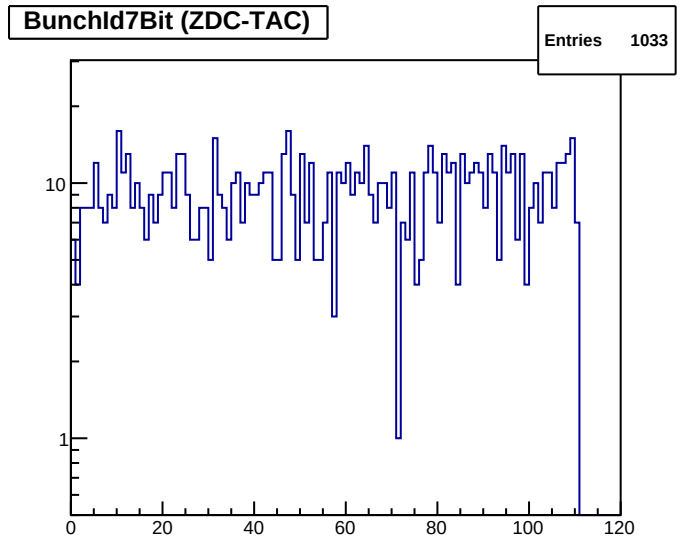
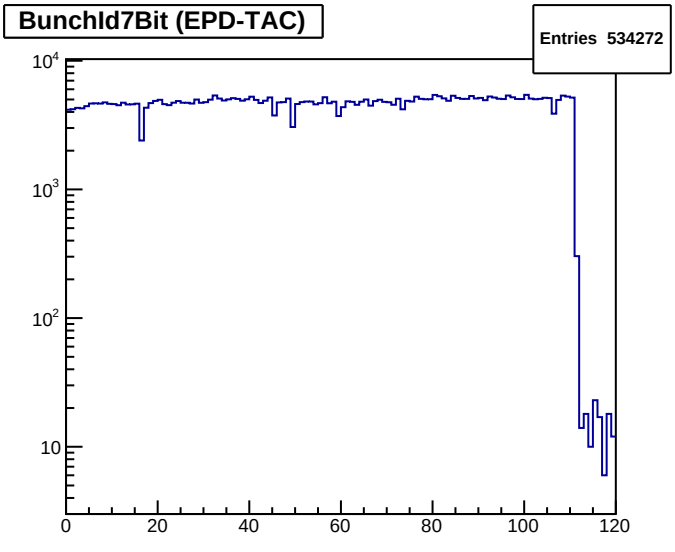
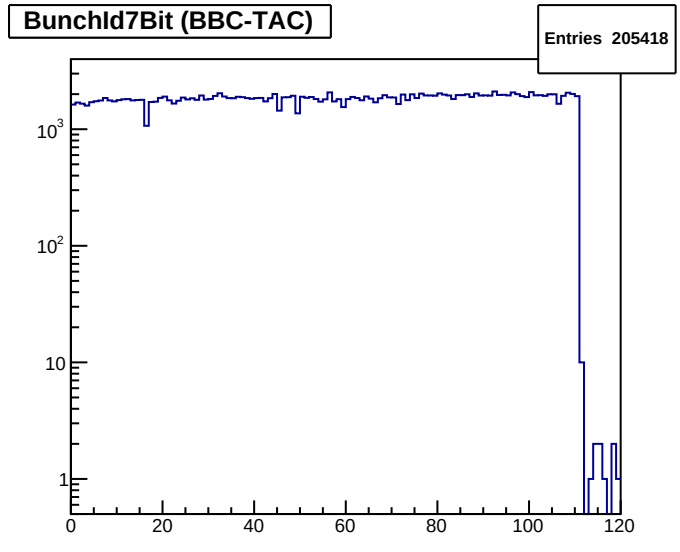
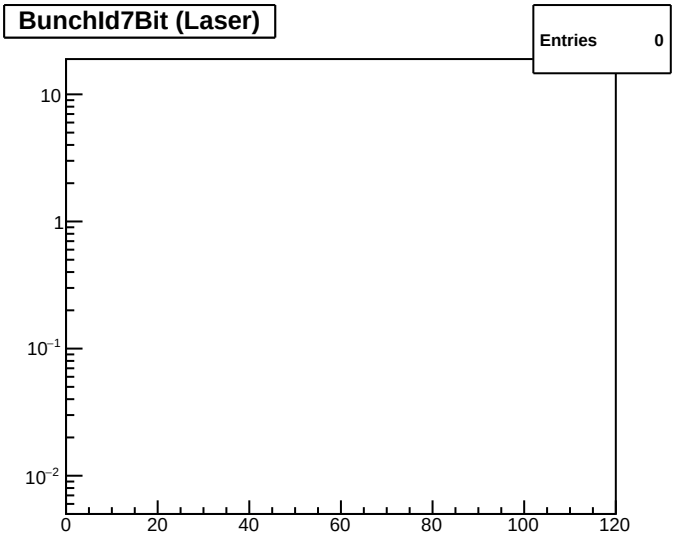
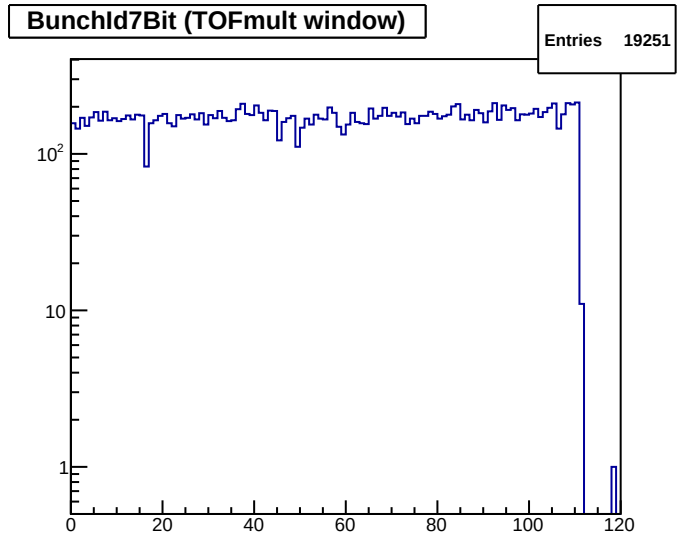

BunchId7Bit (VPD-TAC)
Entries 286810

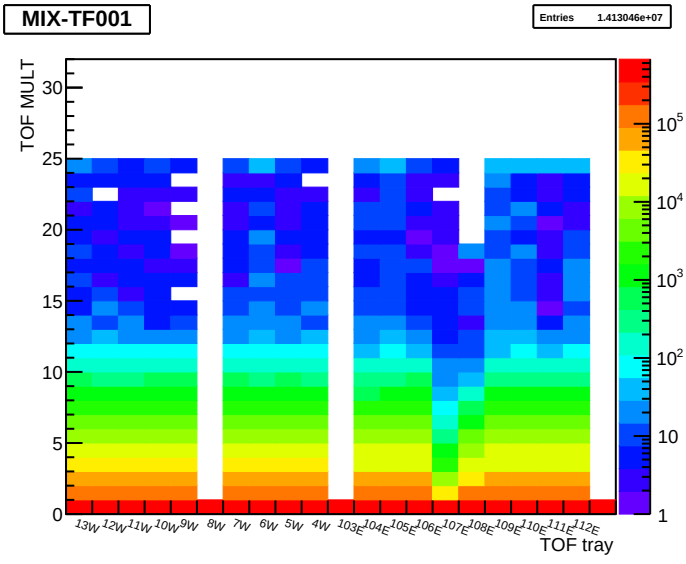

BunchId7Bit (ZDC-TAC)
Entries 1033

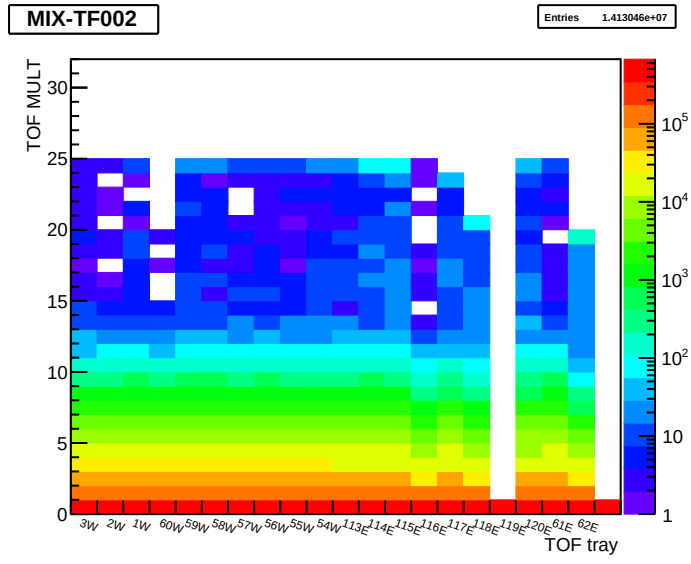

BunchId7Bit (EPD-TAC)
Entries 534272

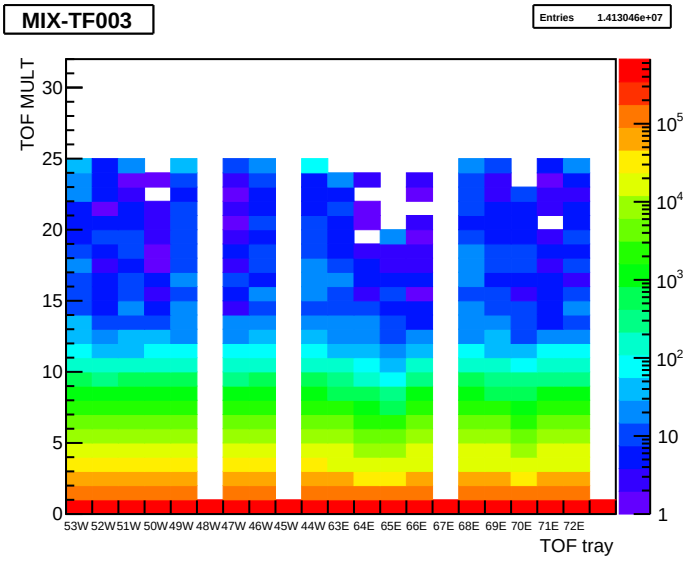

BunchId7Bit (BBC-TAC)
Entries 205418

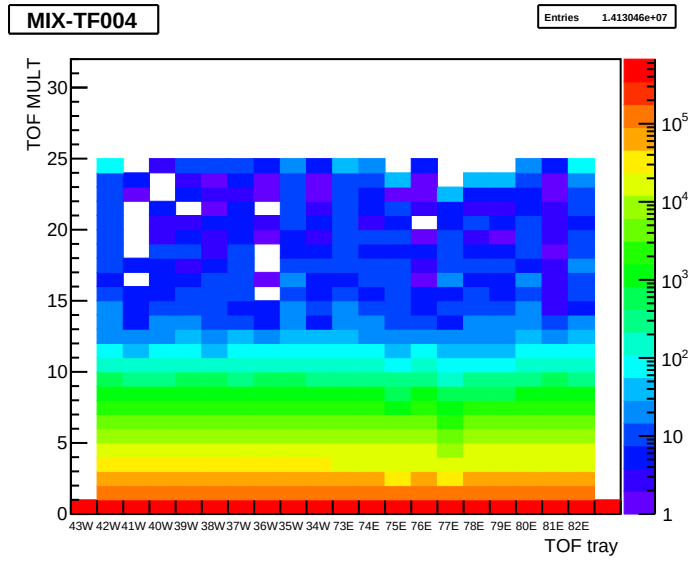

BunchId7Bit (Laser)
Entries 0

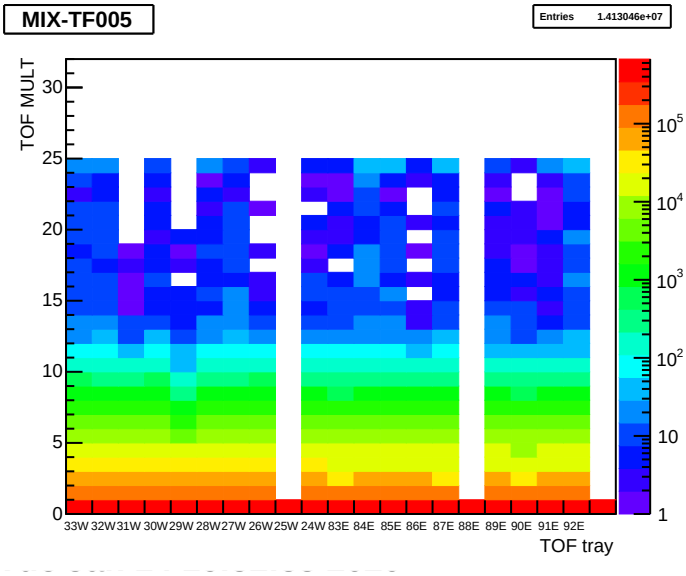

BunchId7Bit (TOFmult window)
Entries 19251

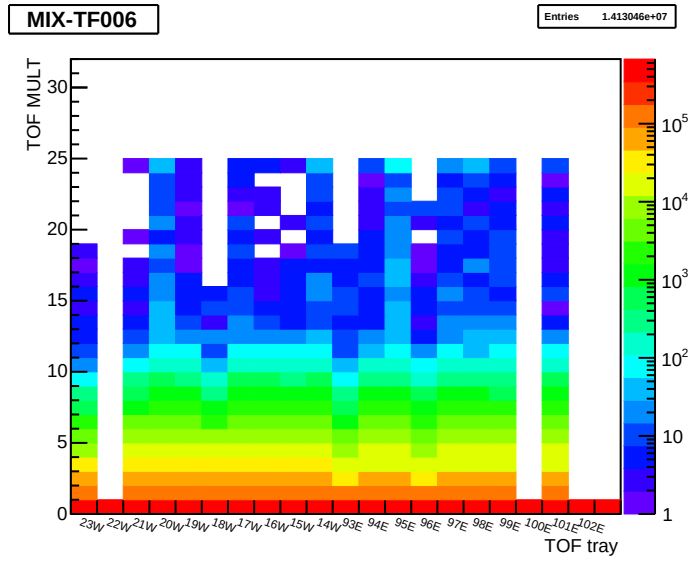

MIX-TF001
Entries 1.413046e+07
TOF MULT
TOF tray

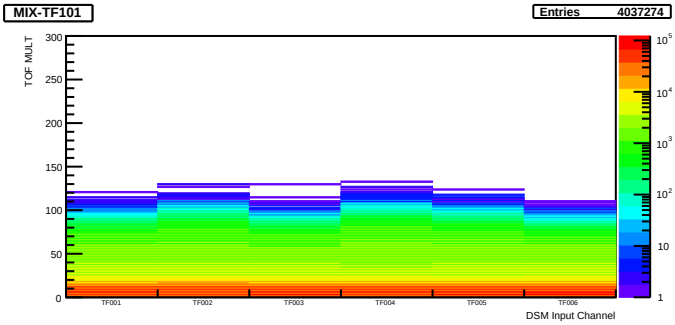

MIX-TF002
Entries 1.413046e+07
TOF MULT
TOF tray

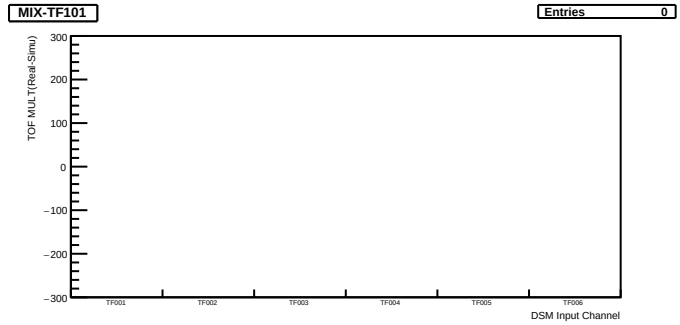

MIX-TF003
Entries 1.413046e+07
TOF MULT
TOF tray

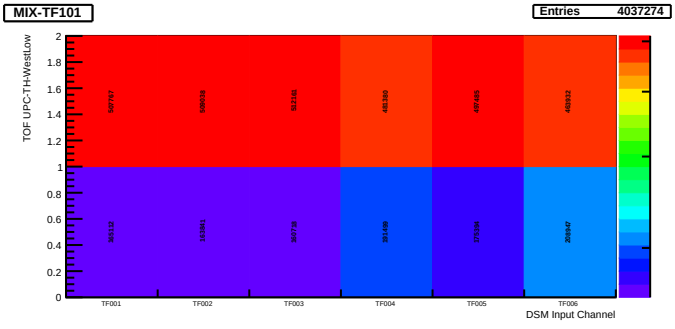

MIX-TF004
Entries 1.413046e+07
TOF MULT
TOF tray

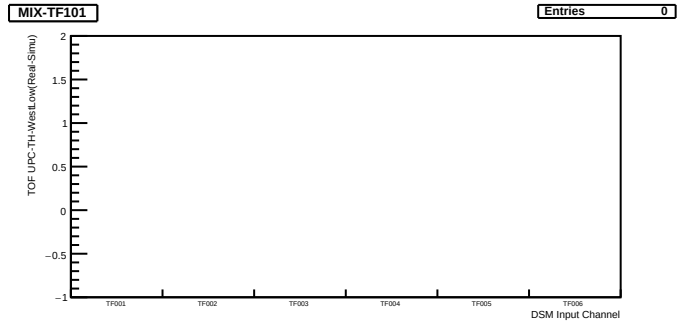

MIX-TF005
Entries 1.413046e+07
TOF MULT
TOF tray

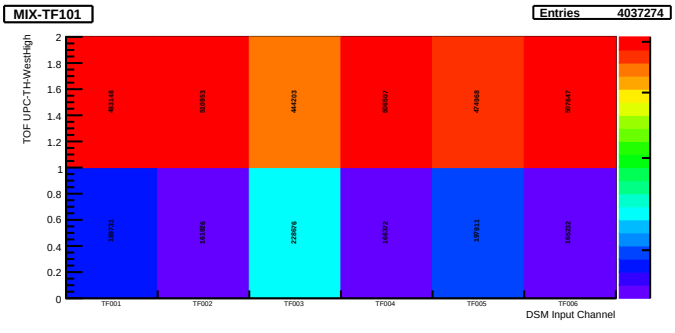

MIX-TF006
Entries 1.413046e+07
TOF MULT
TOF tray

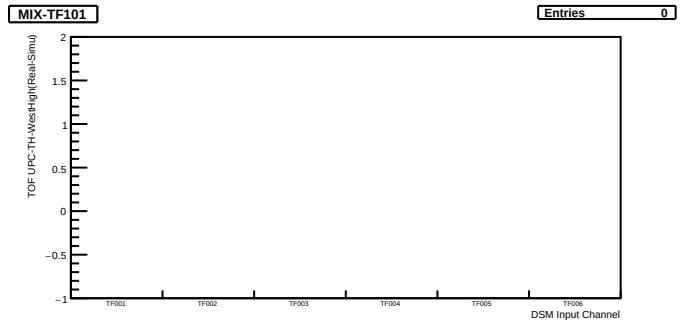

MIX-TF101
Entries 4037274
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

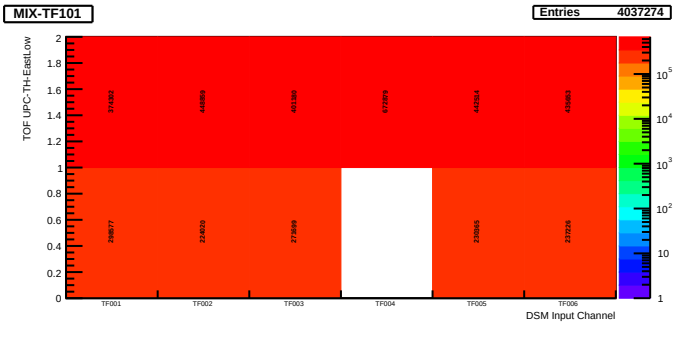

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

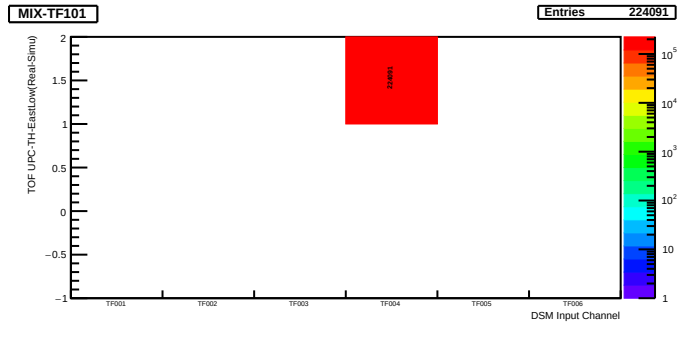

MIX-TF101
Entries 4037274
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

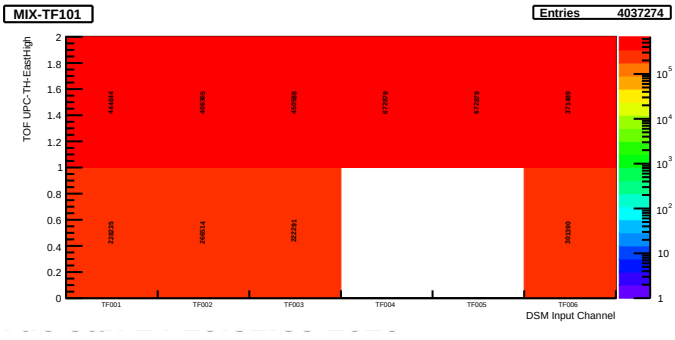

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

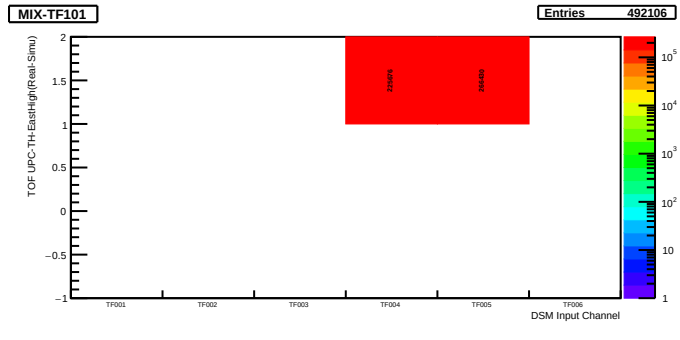

MIX-TF101
Entries 4037274
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

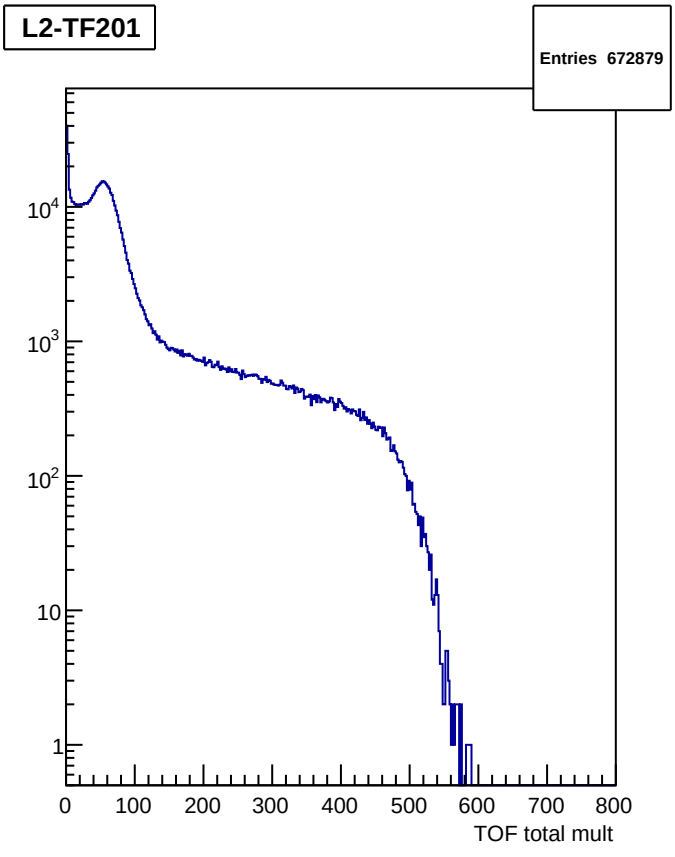

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

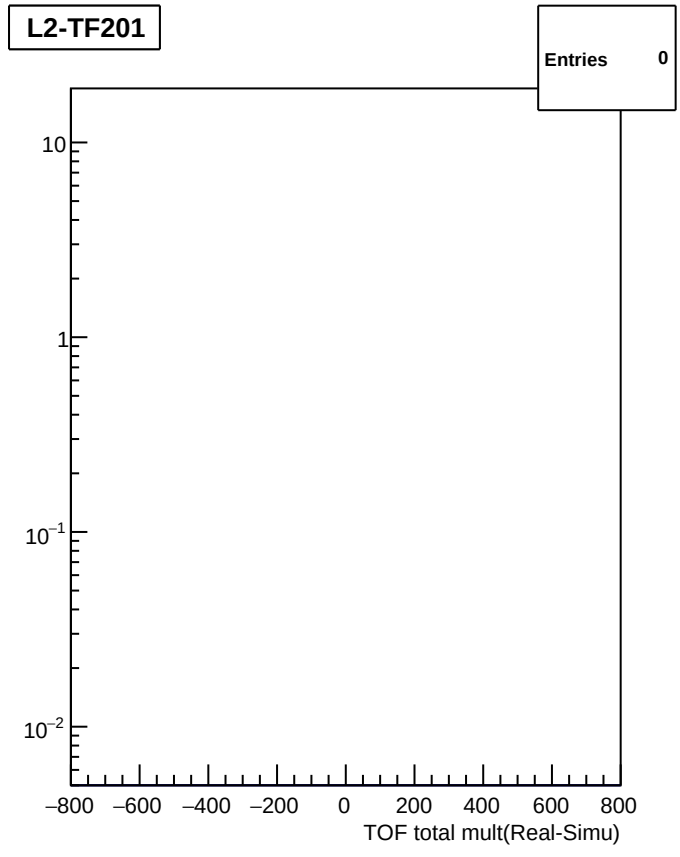

MIX-TF101
Entries 4037274
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

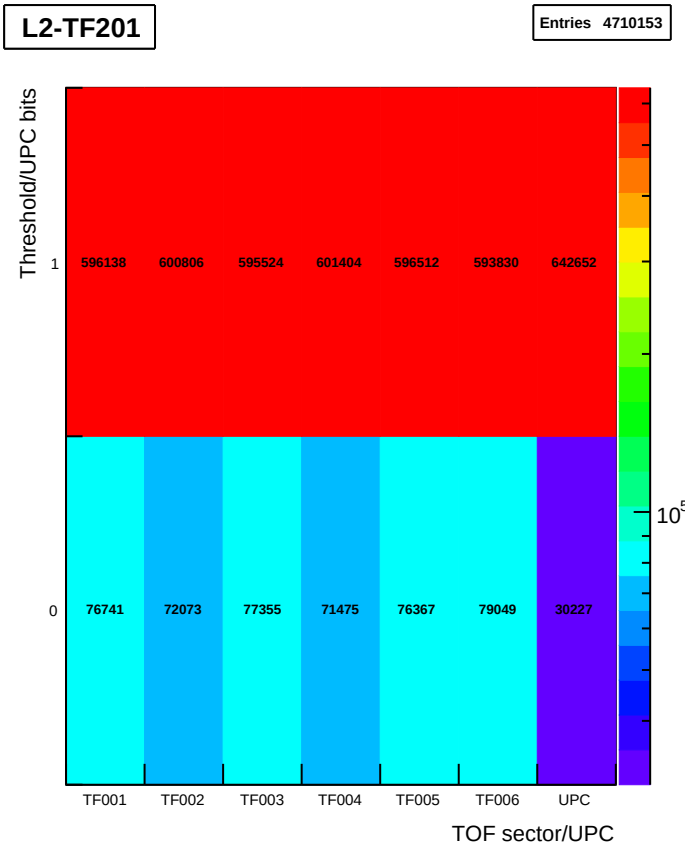

MIX-TF101
Entries 224091
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

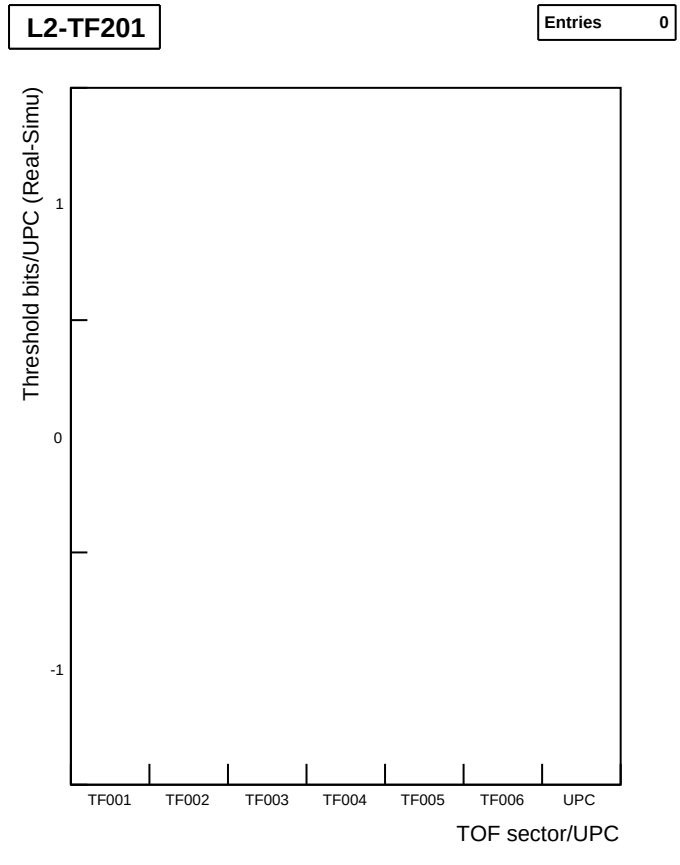

MIX-TF101
Entries 4037274
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

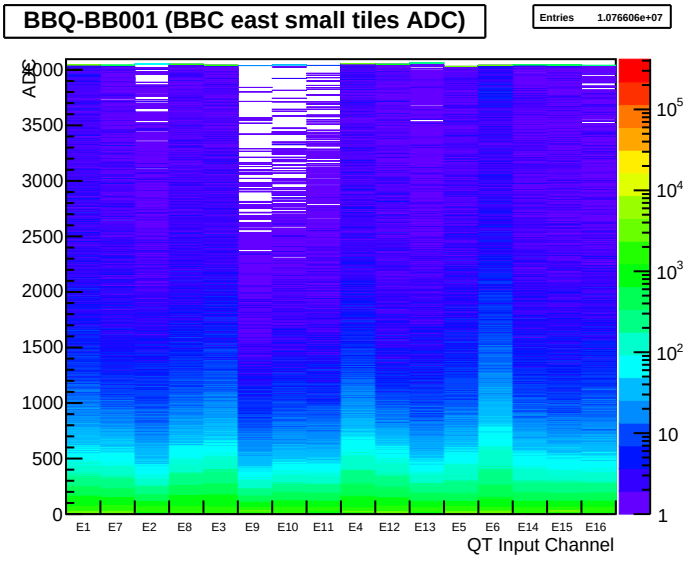

MIX-TF101
Entries 492106
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

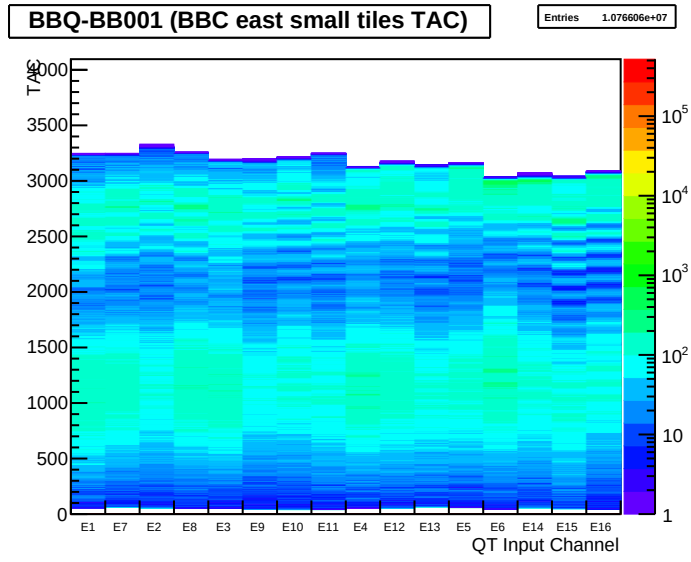

L2-TF201
Entries 672879
TOF total mult

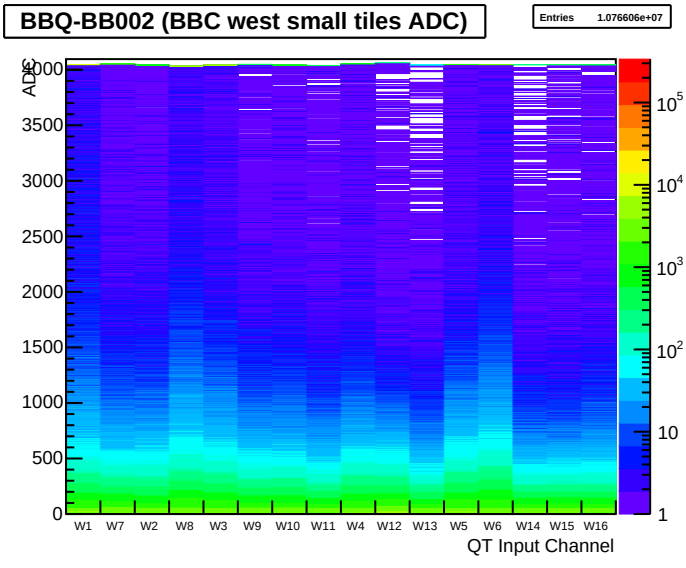

L2-TF201
Entries 0
TOF total mult(Real-Simu)

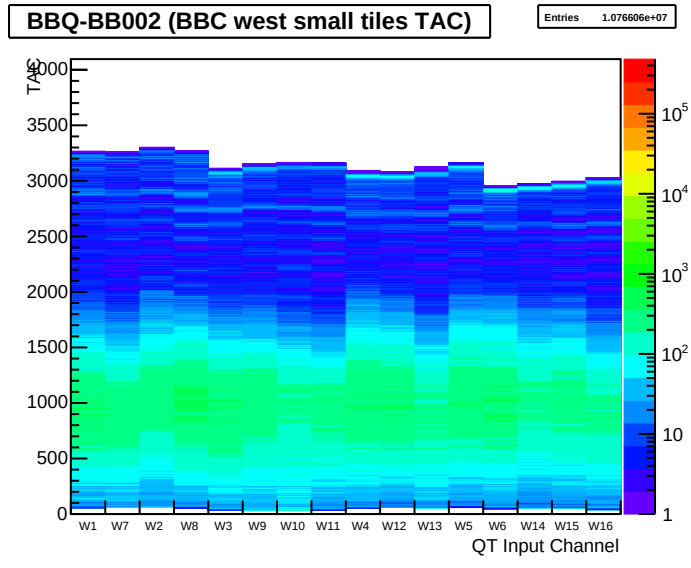

L2-TF201
Entries 4710153
Threshold/UPC bits
596138
600806
595524
601404
596512
593830
642652
76741
72073
77355
71475
76367
79049
30227
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

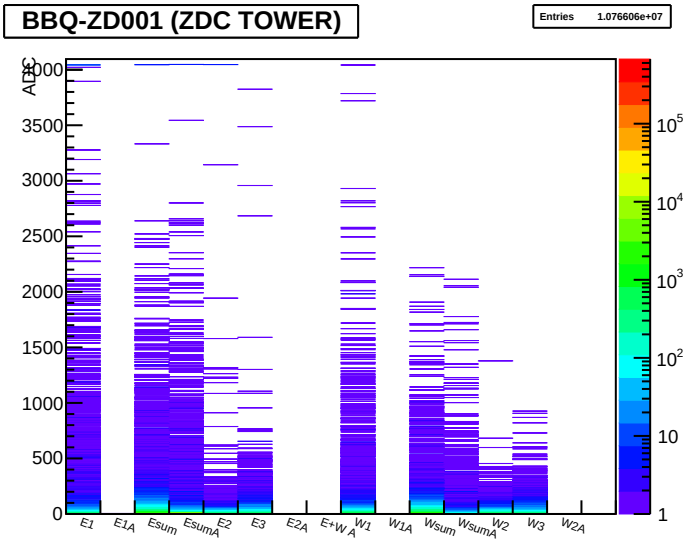

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

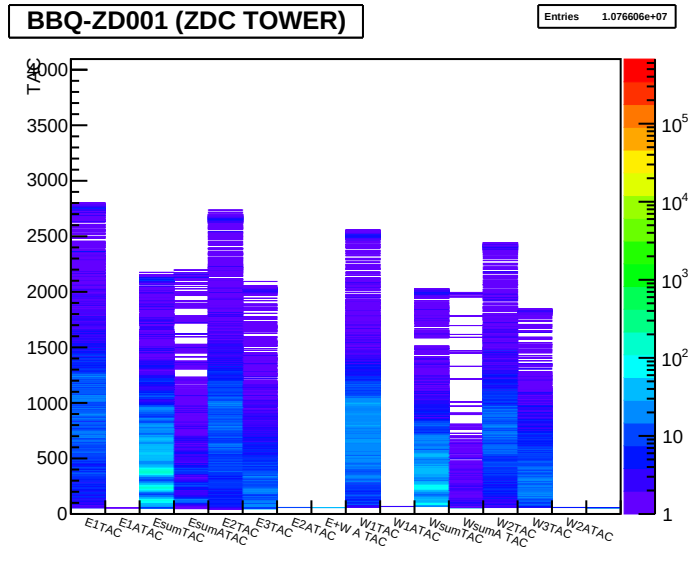

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.076606e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

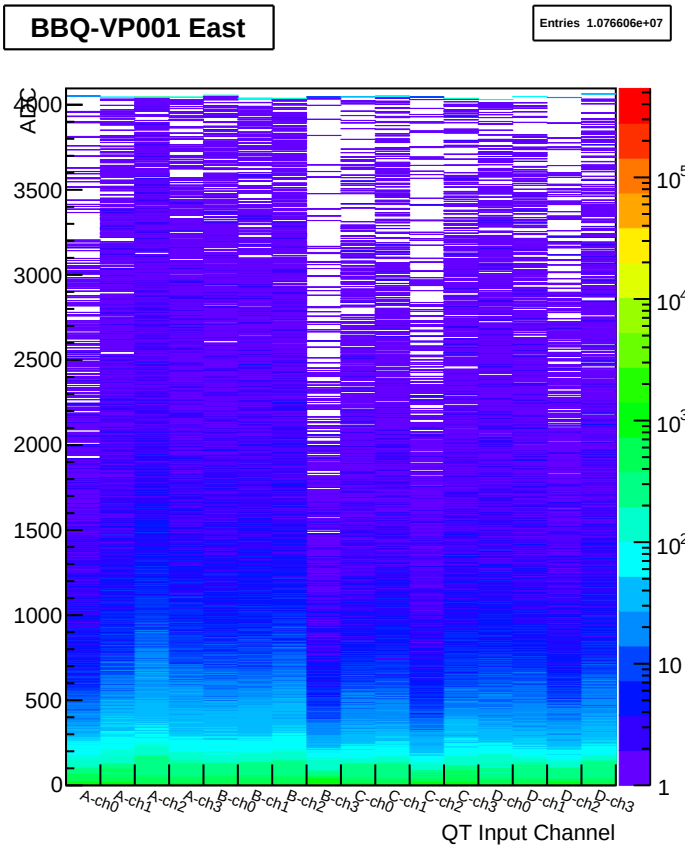

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.076606e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

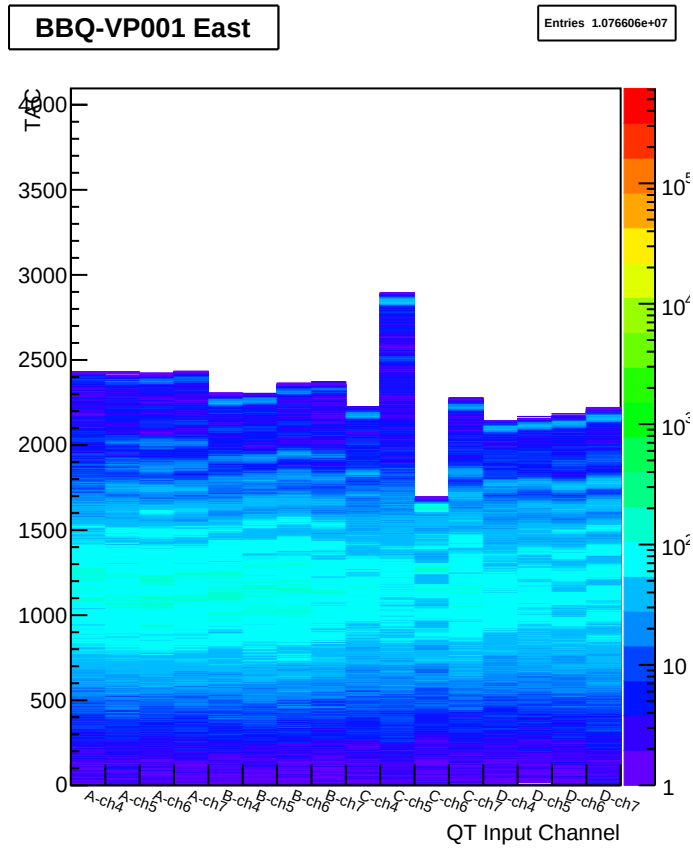

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.076606e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

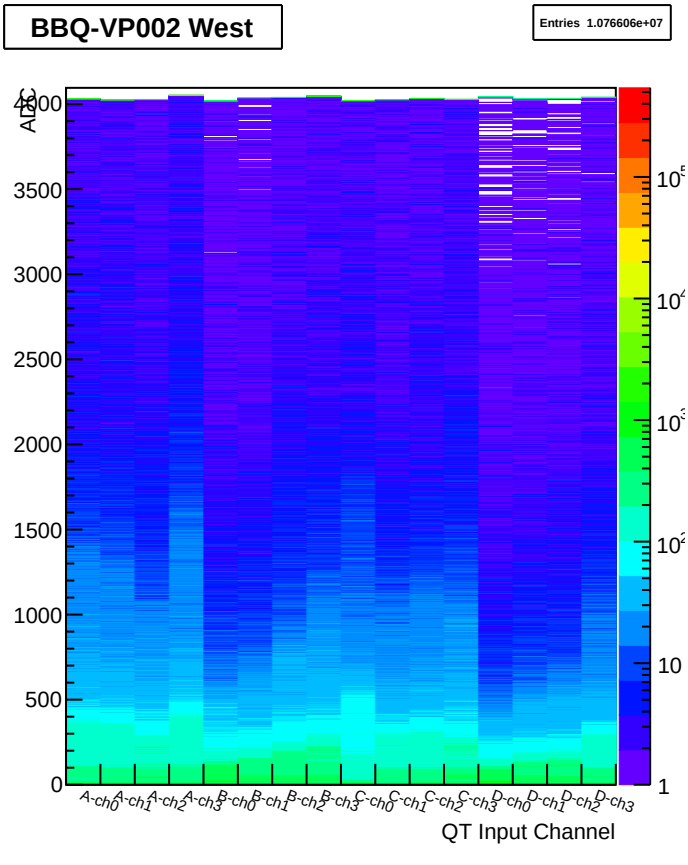

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.076606e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

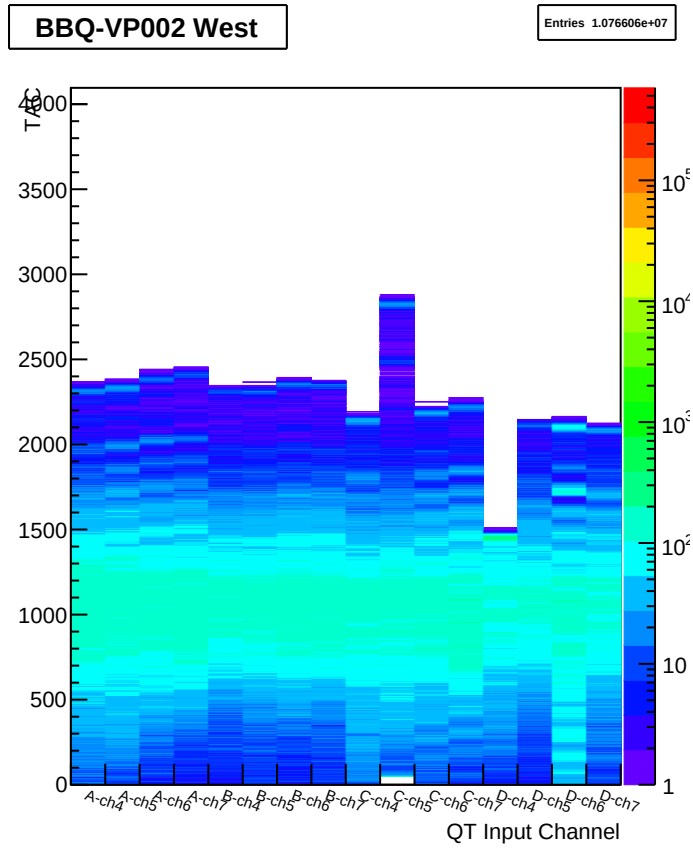

BBQ-ZD001 (ZDC TOWER)
Entries 1.076606e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

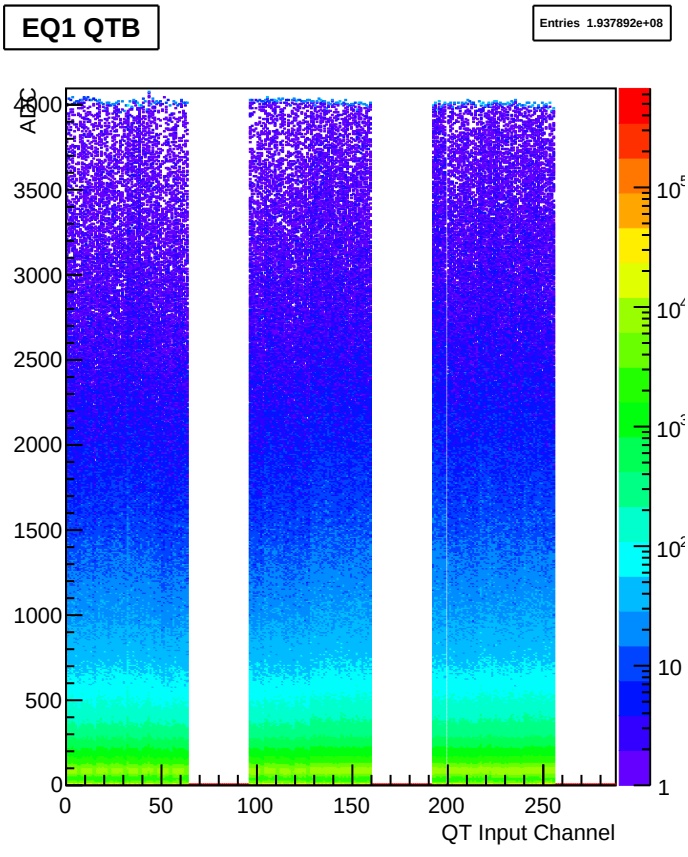

BBQ-ZD001 (ZDC TOWER)
Entries 1.076606e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

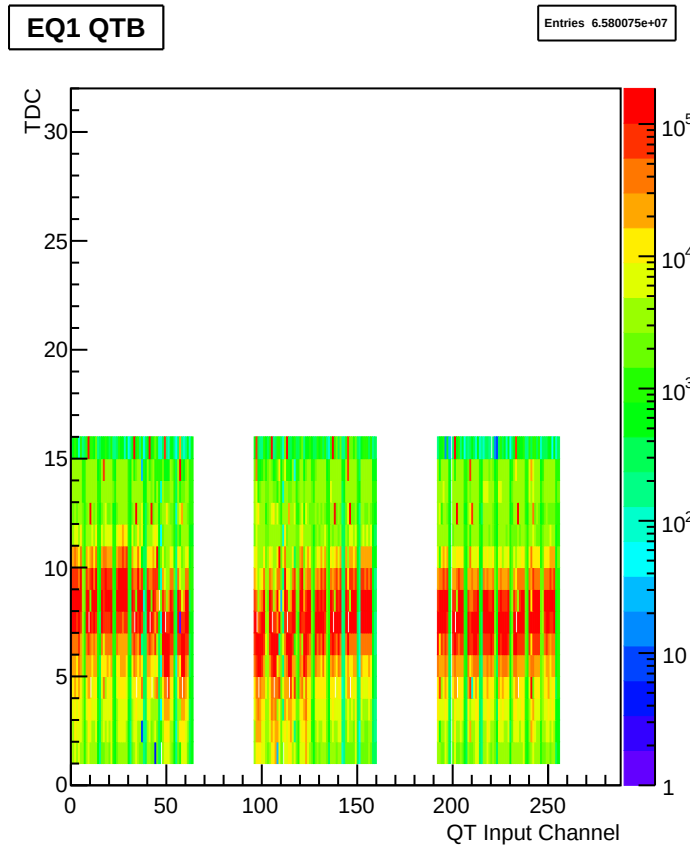

BBQ-VP001 East
Entries 1.076606e+07
ADC
QT Input Channel

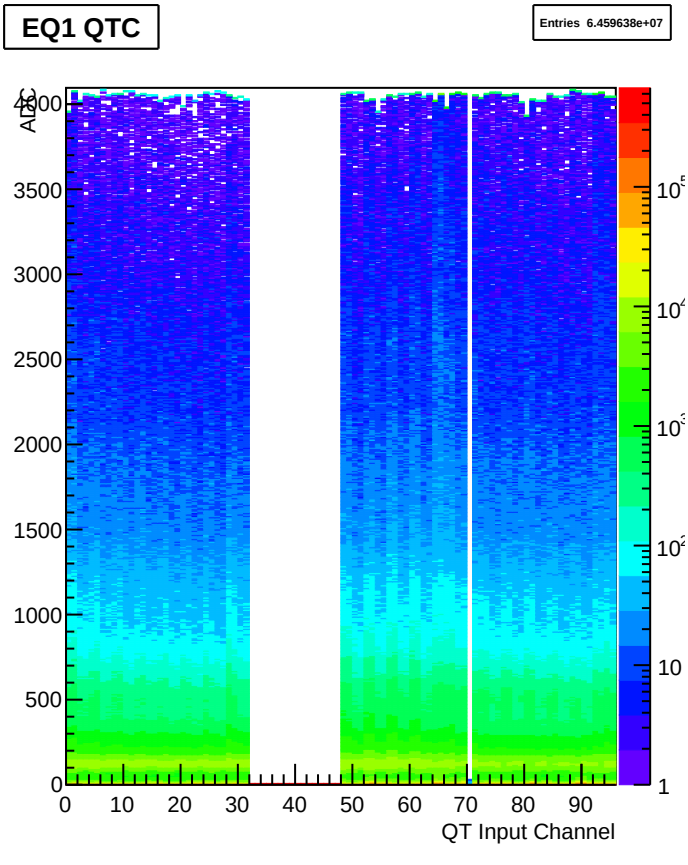

BBQ-VP001 East
Entries 1.076606e+07
TADC
QT Input Channel

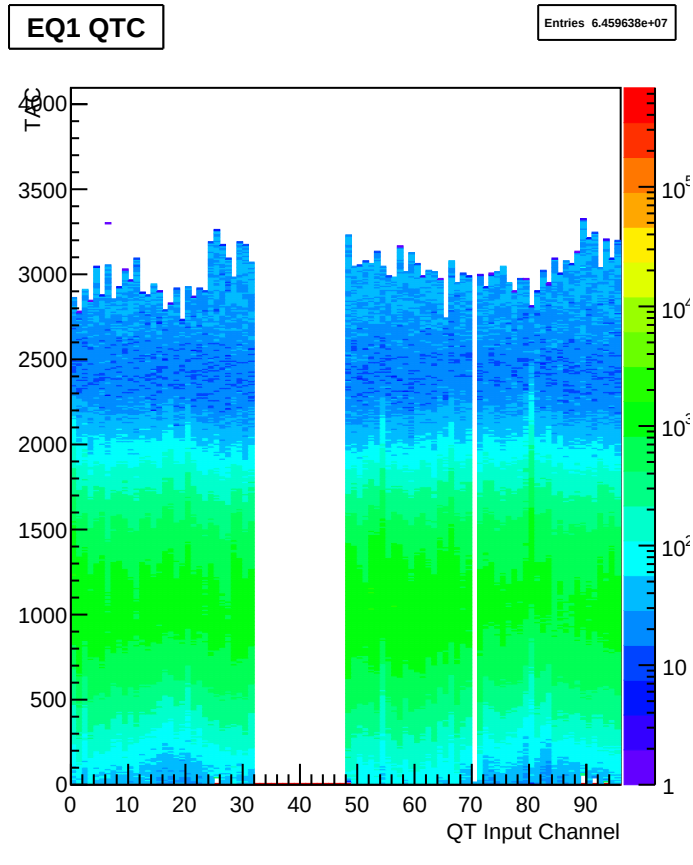

BBQ-VP002 West
Entries 1.076606e+07
ADC
QT Input Channel

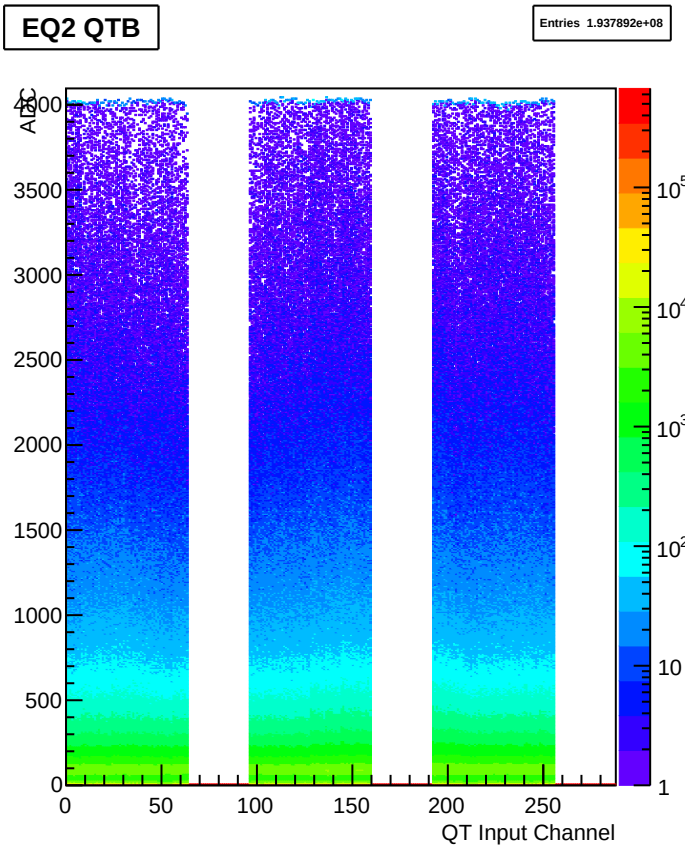

BBQ-VP002 West
Entries 1.076606e+07
TADC
QT Input Channel

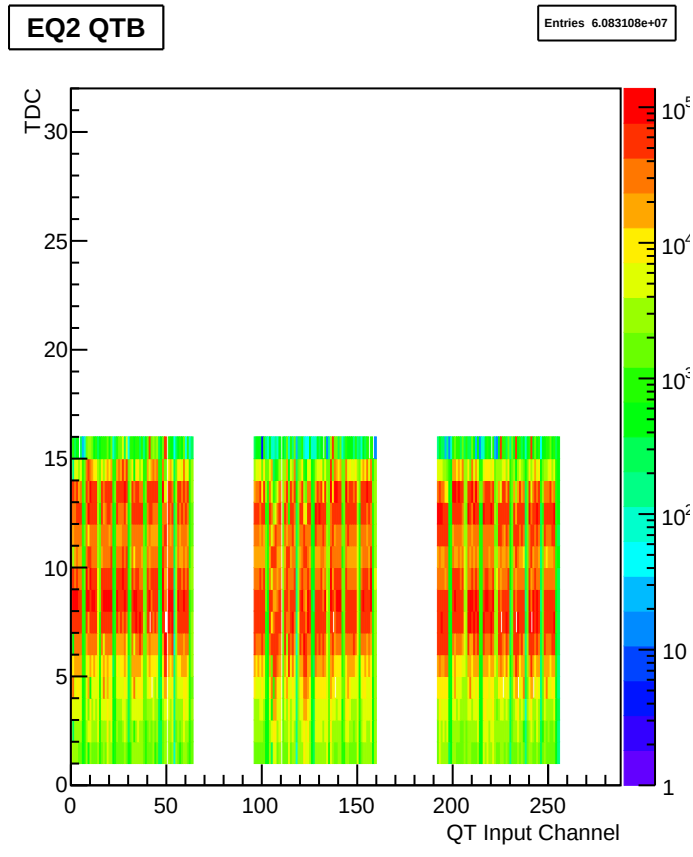

EQ1 QTB
Entries 1.937892e+08
ADC
QT Input Channel

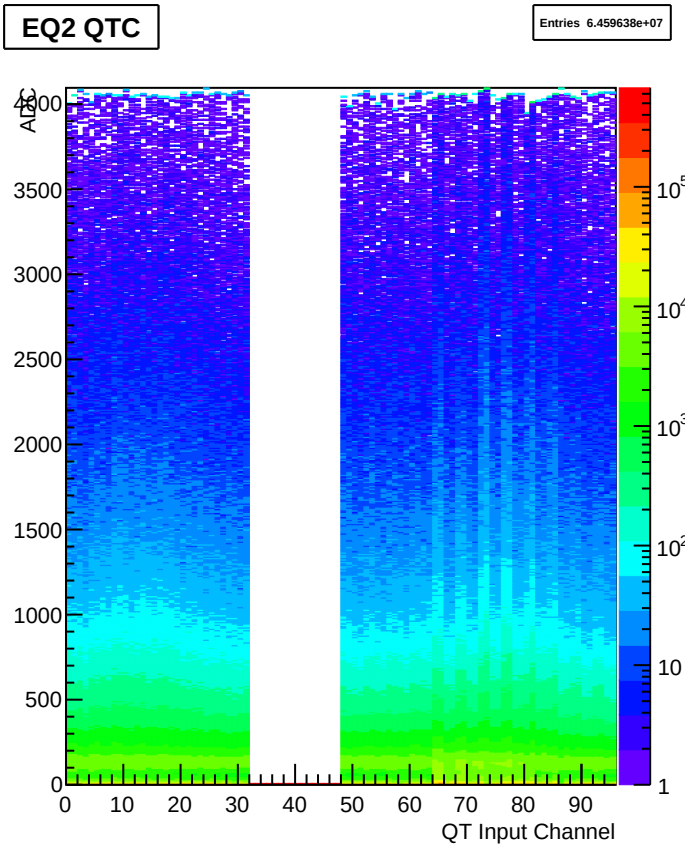

EQ1 QTB
Entries 6.580075e+07
TDC
QT Input Channel

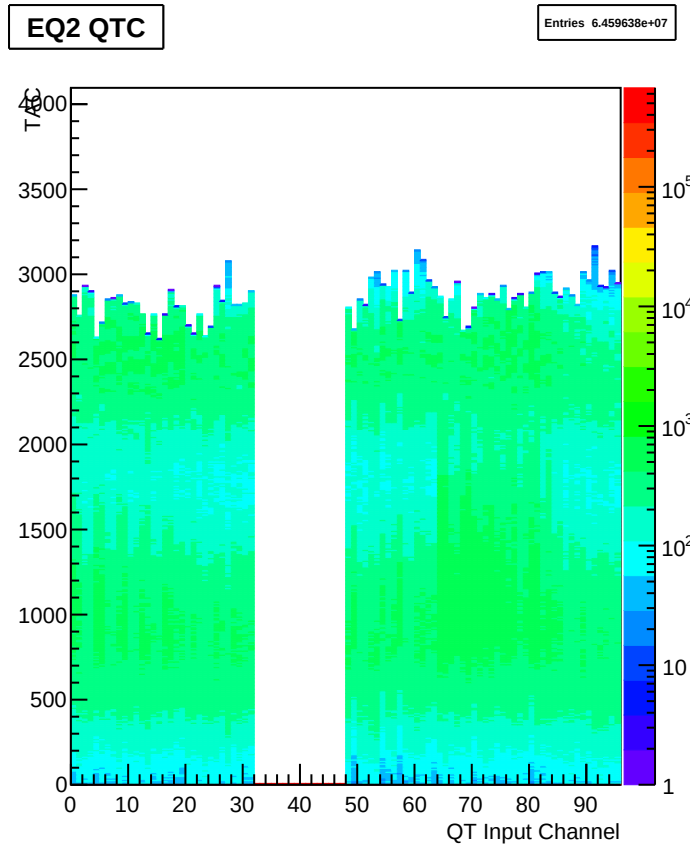

EQ1 QTC
Entries 6.459638e+07
ADC
QT Input Channel

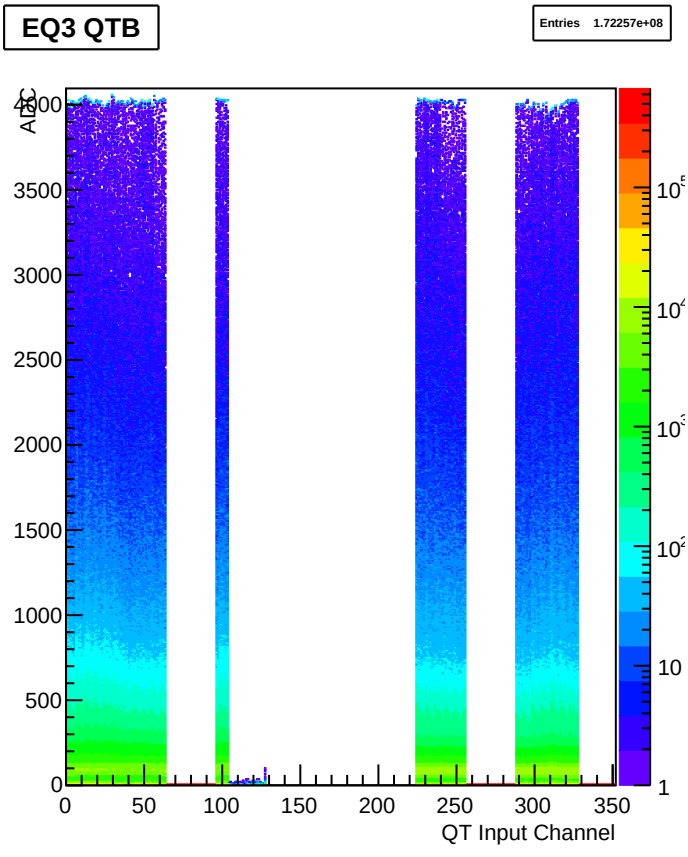

EQ1 QTC
Entries 6.459638e+07
TADC
QT Input Channel

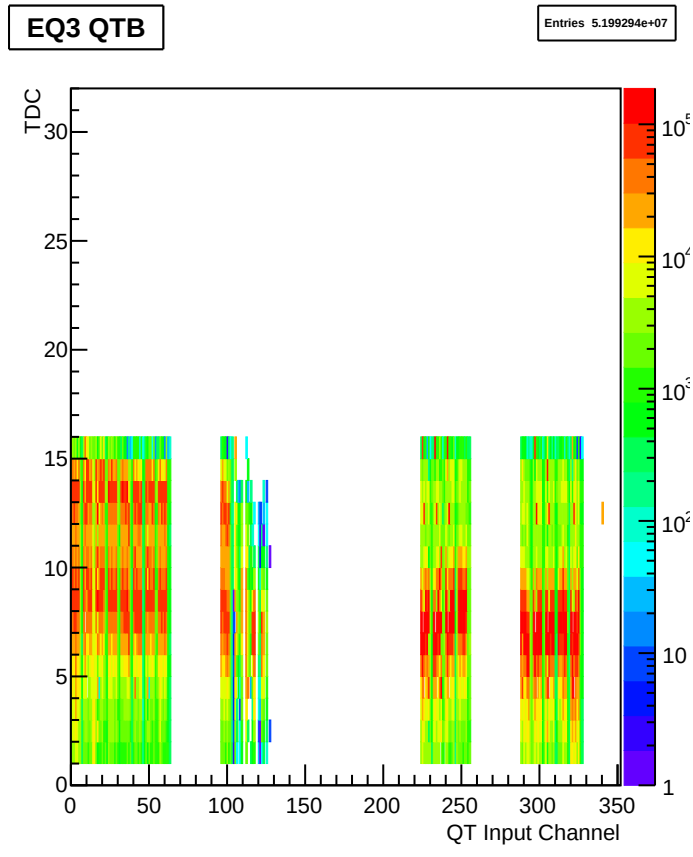

EQ2 QTB
Entries 1.937892e+08
ADC
QT Input Channel

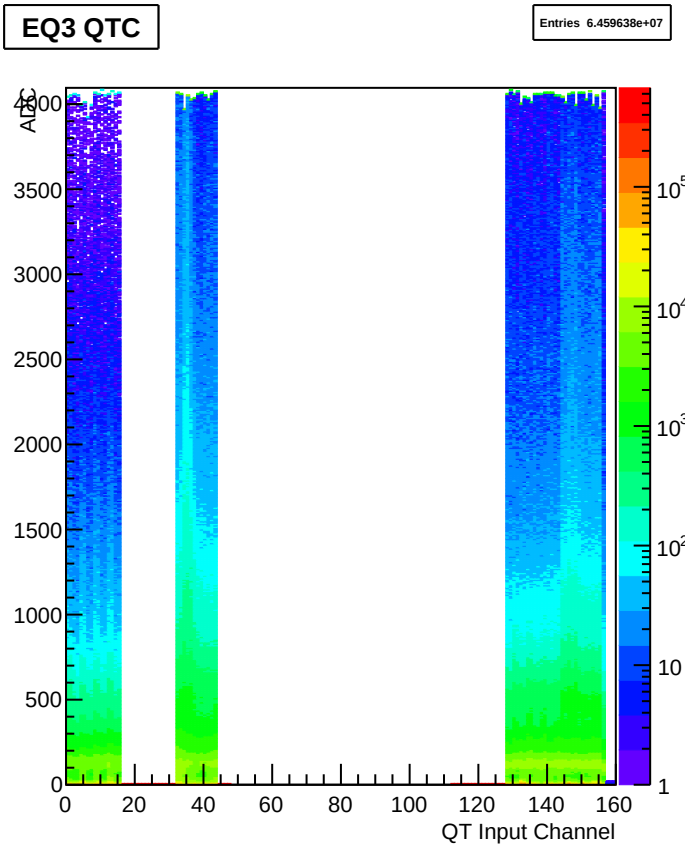

EQ2 QTB
Entries 6.083108e+07
TDC
QT Input Channel

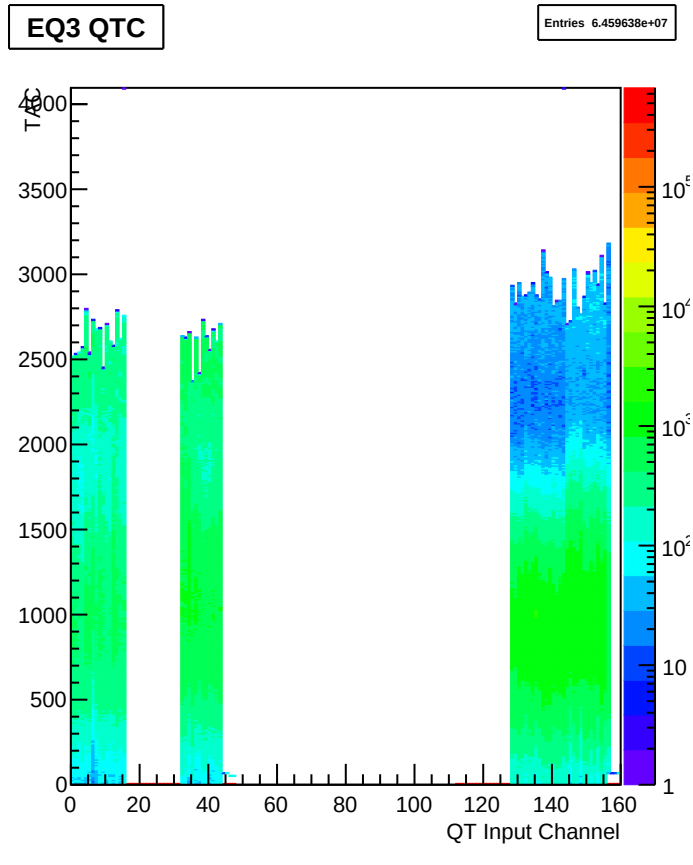

EQ2 QTC
Entries 6.459638e+07
ADC
QT Input Channel

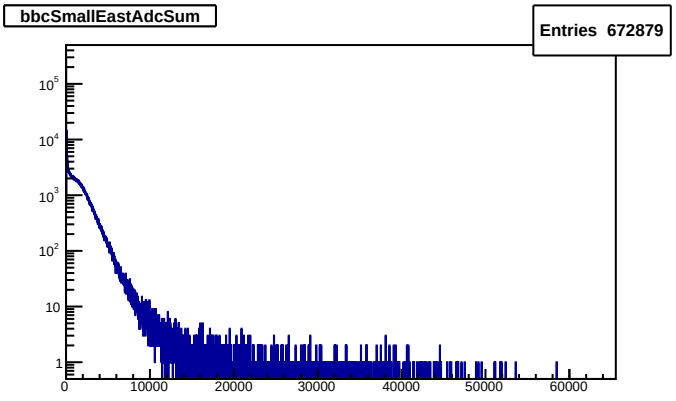

EQ2 QTC
Entries 6.459638e+07
TADC
QT Input Channel

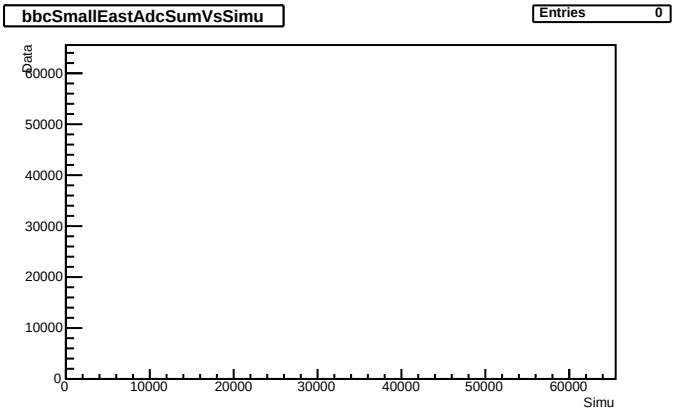

EQ3 QTB
Entries 1.72257e+08
ADC
QT Input Channel

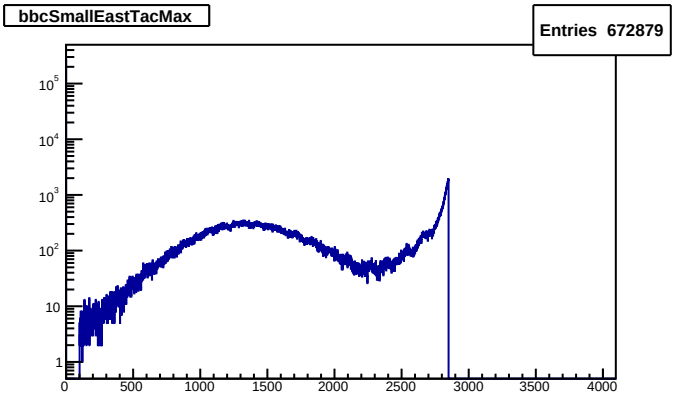

EQ3 QTB
Entries 5.199294e+07
TDC
QT Input Channel

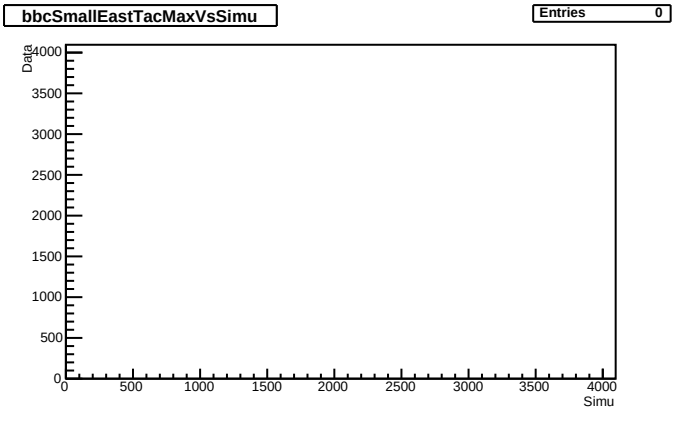

EQ3 QTC
Entries 6.459638e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.459638e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 672879


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 672879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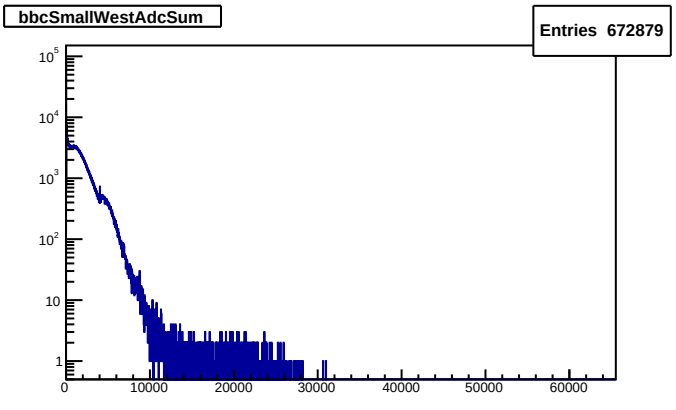
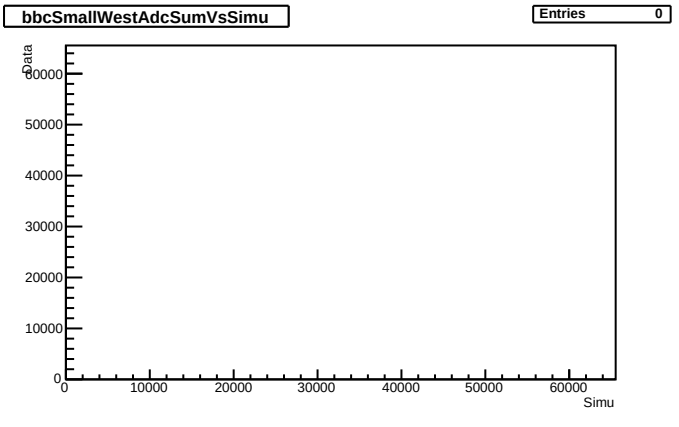

bbcSmallWestAdcSum
Entries 672879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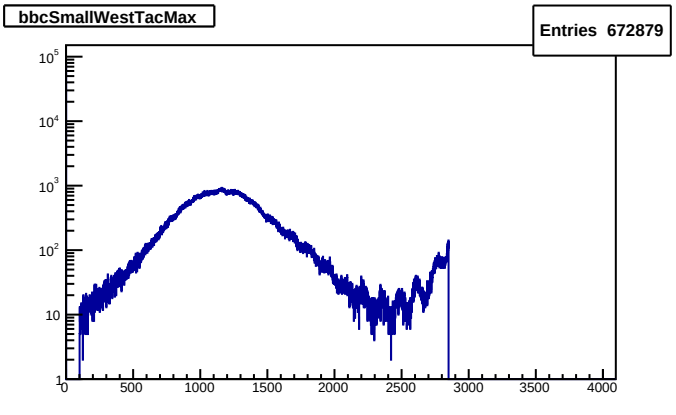
Entries 0
Data
Simu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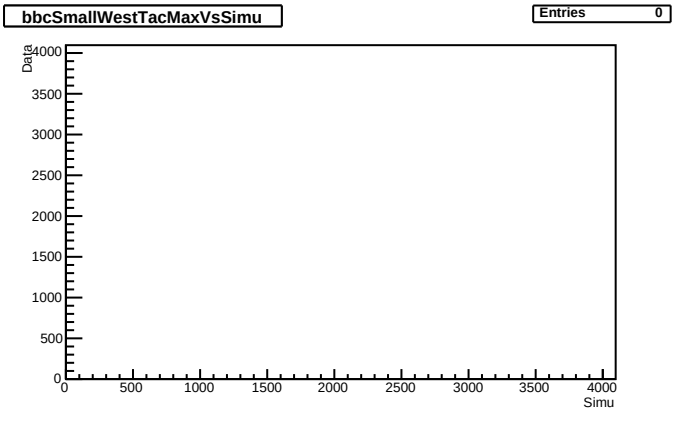
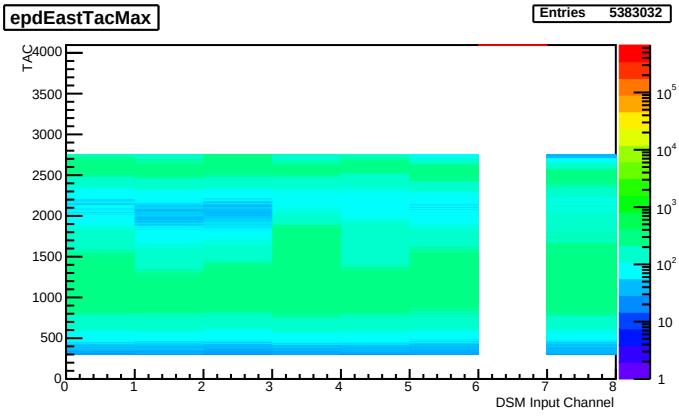
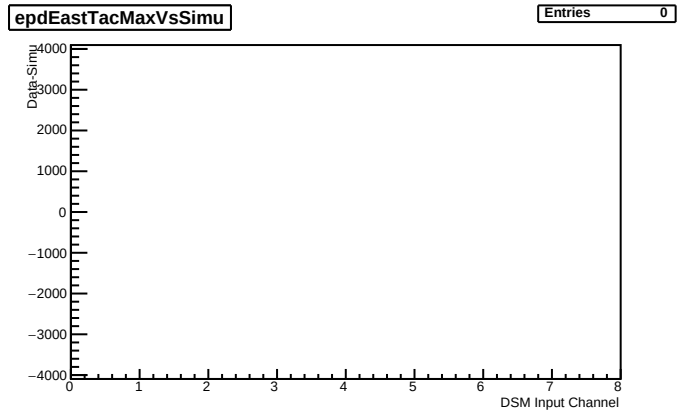
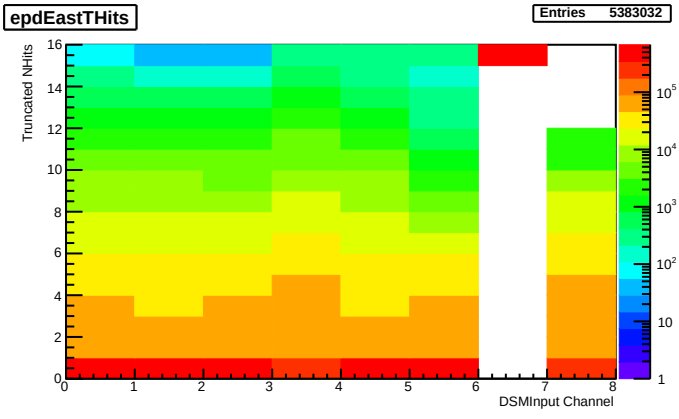
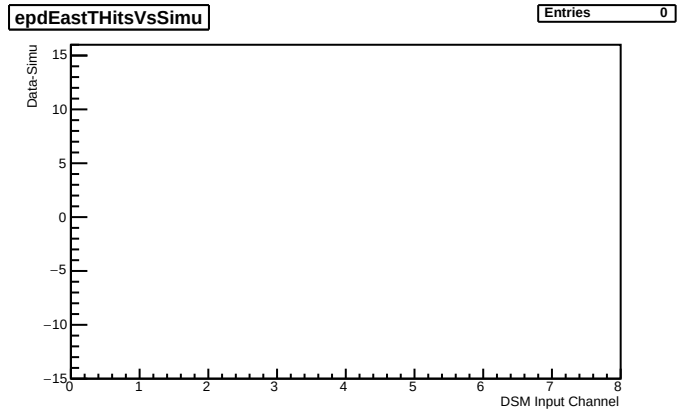
Entries 672879


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5383032
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5383032
Truncated NHits
DSMInput Channel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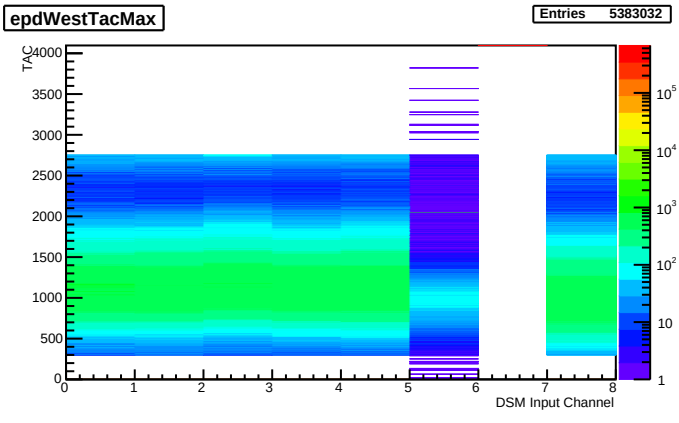
DSM Input Channel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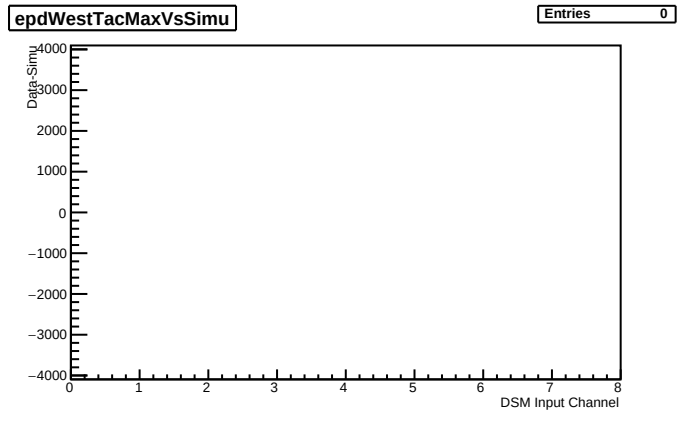
Entries 5383032
TAC
DSM Input Channel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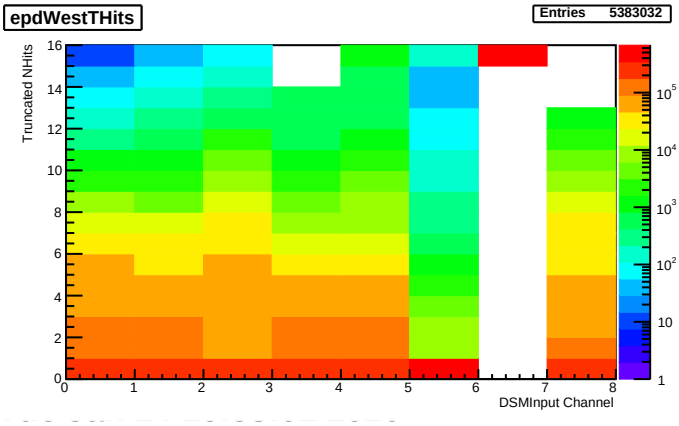
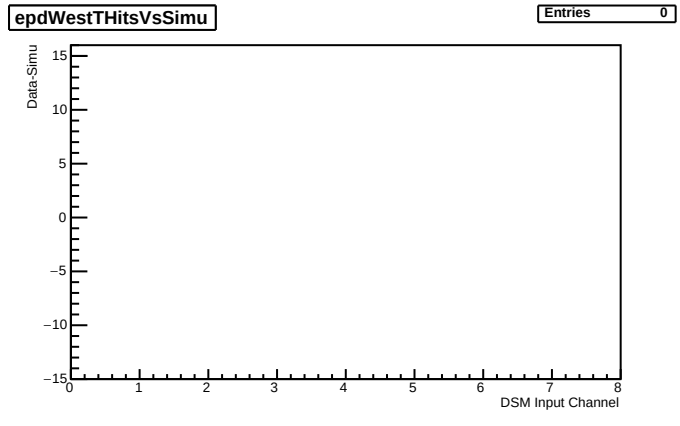
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5383032
Truncated NHits
DSMInput Channel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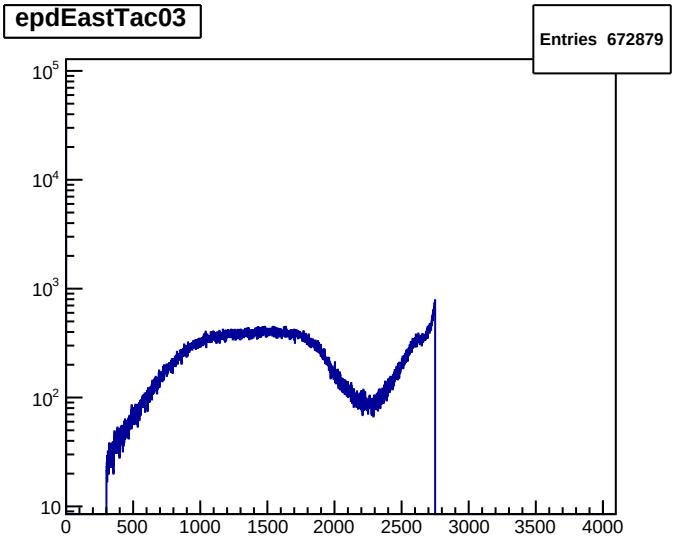
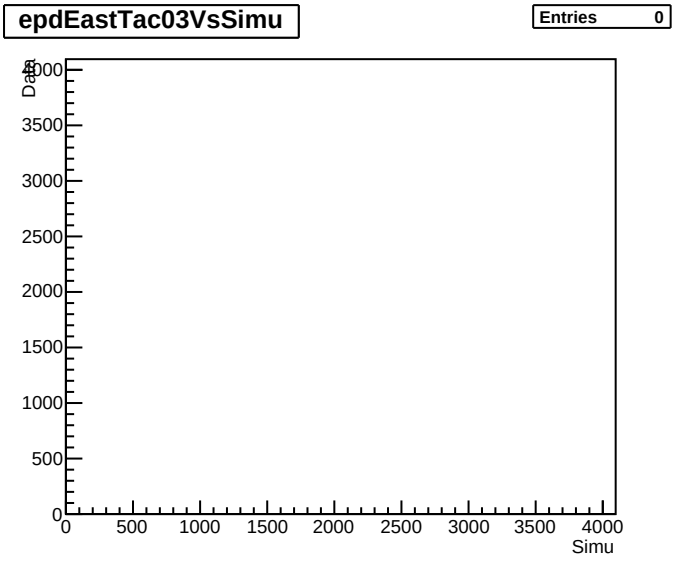
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 672879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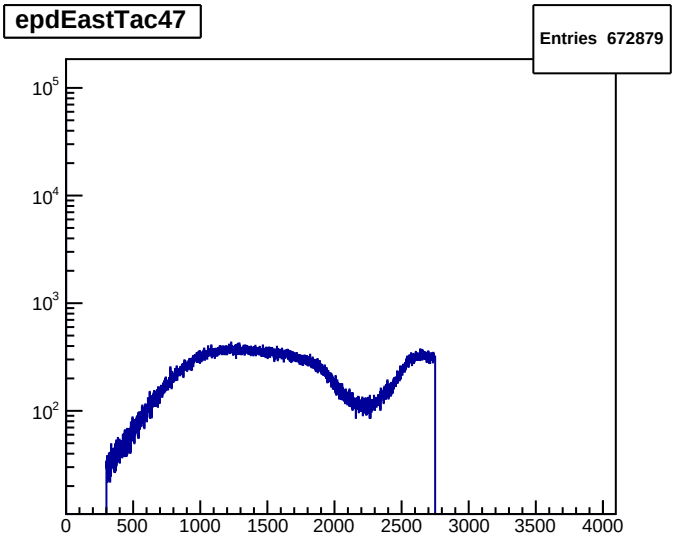
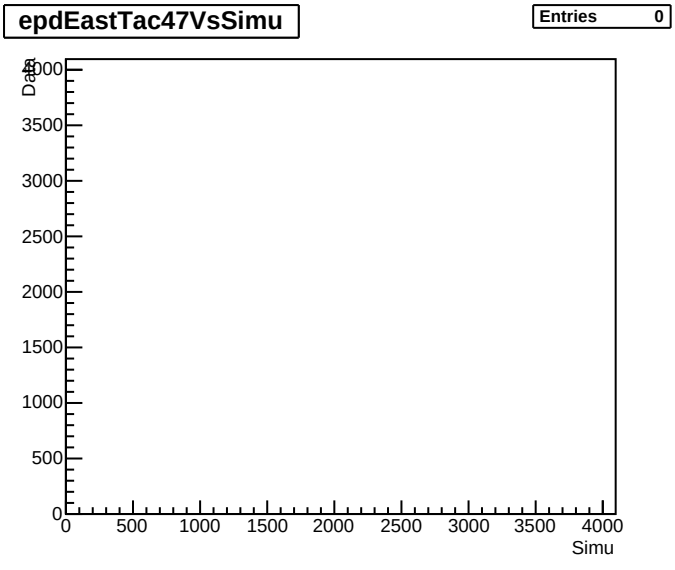
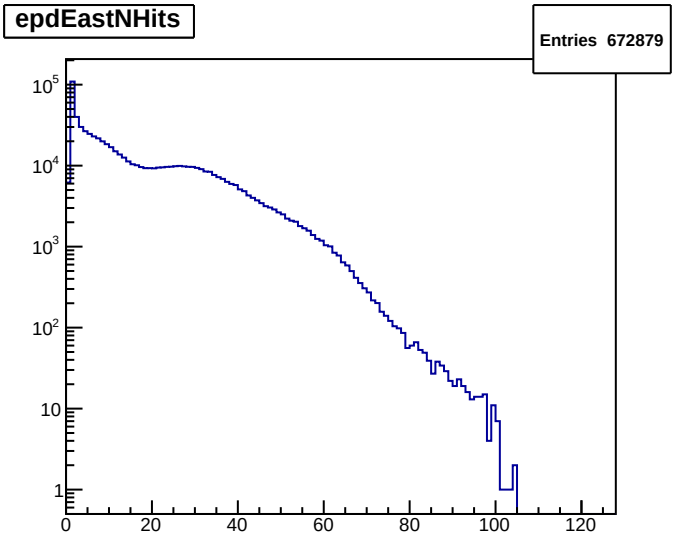
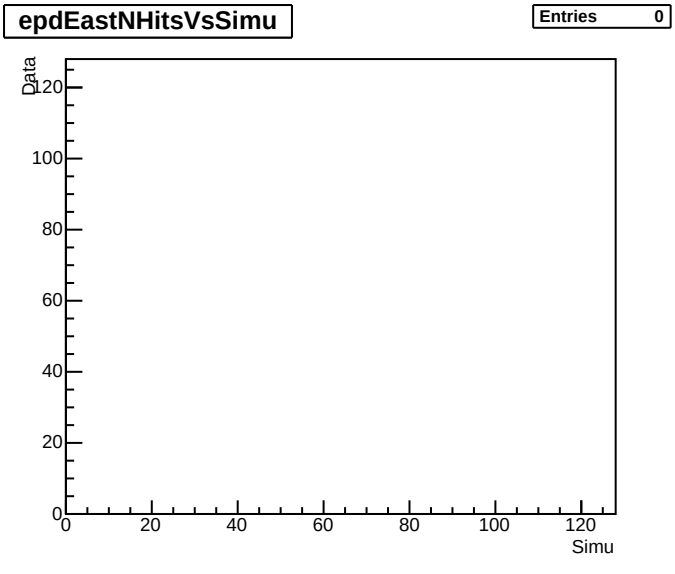
Entries 0
Data
Simu


epdEastTac47
Entries 672879


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 672879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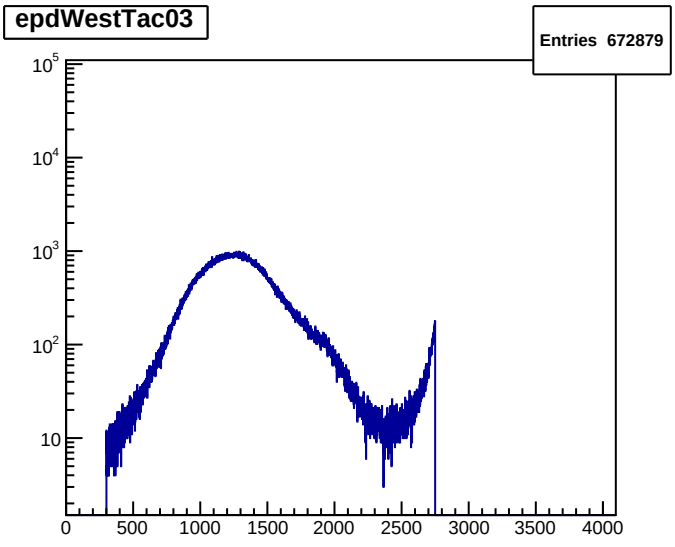
Entries 0
Data
Simu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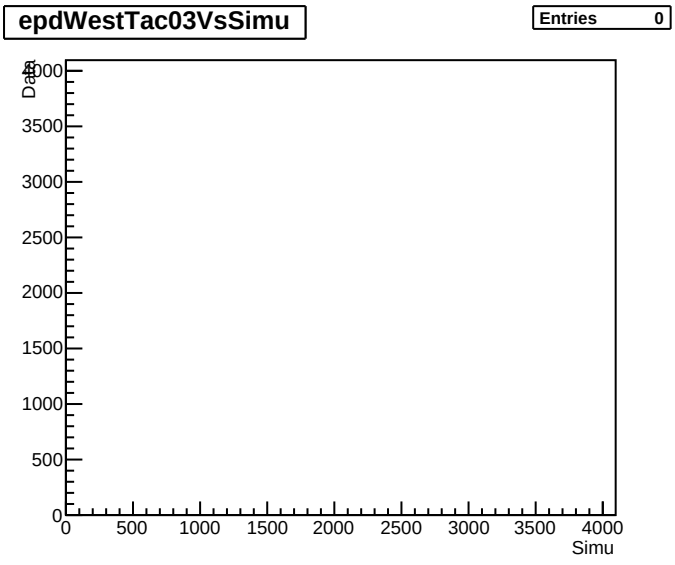
Entries 672879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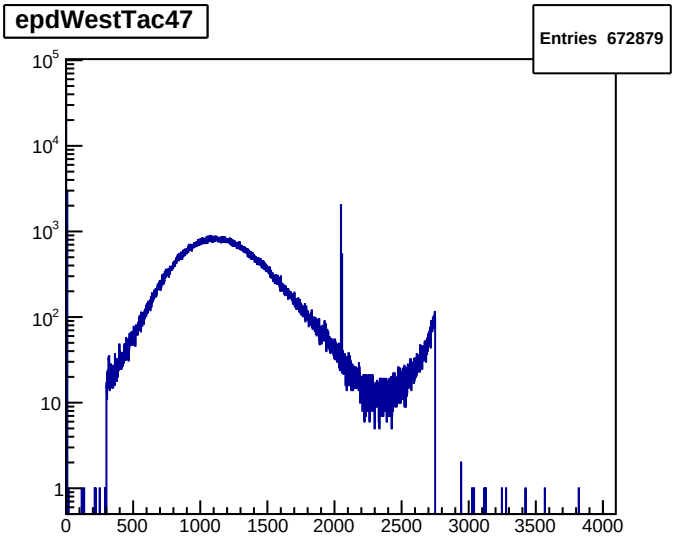
Entries 0
Data
Simu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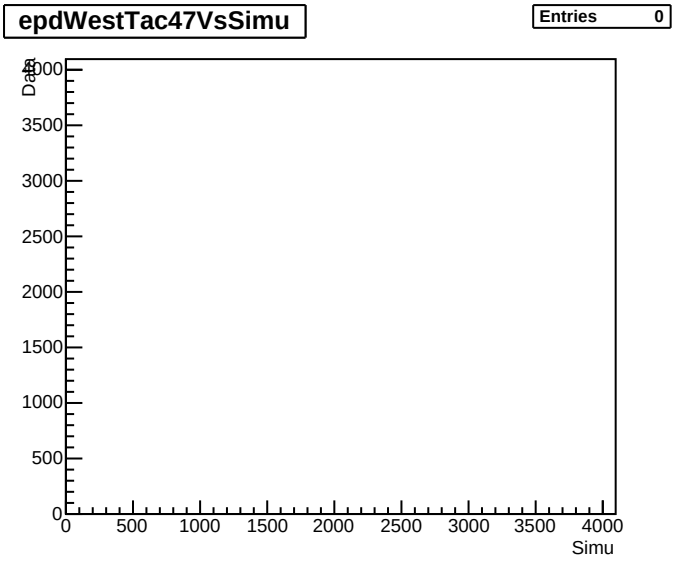
Entries 672879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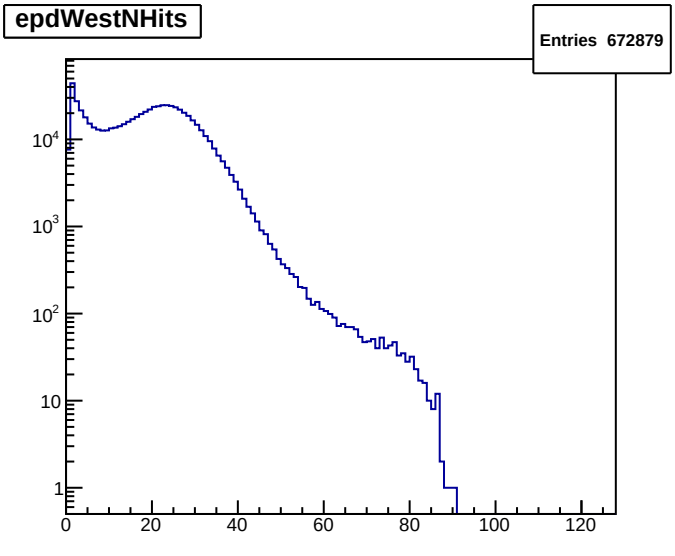
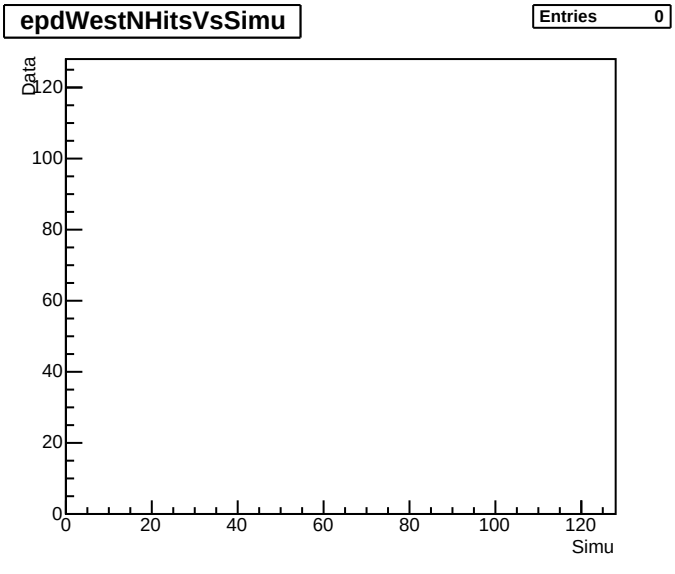
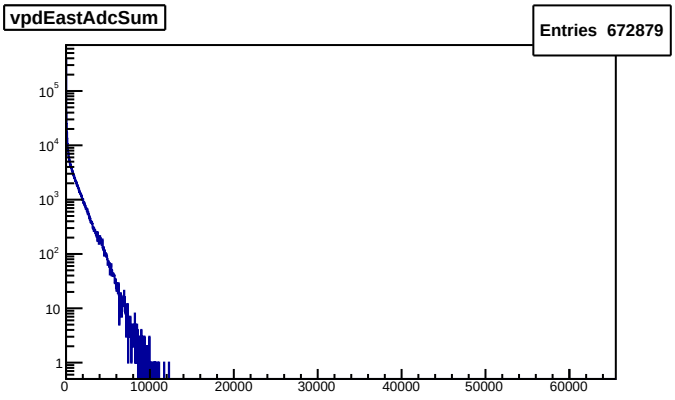
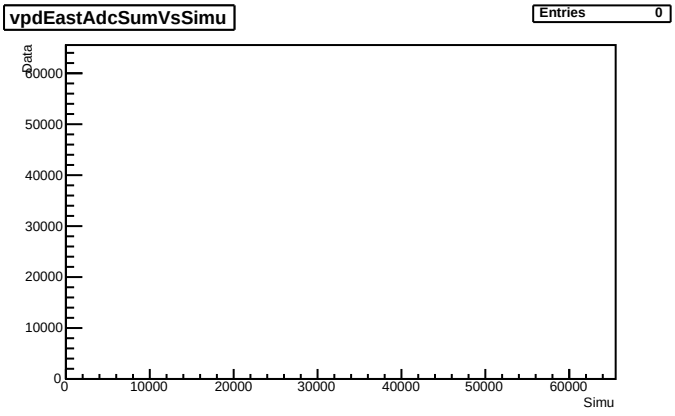
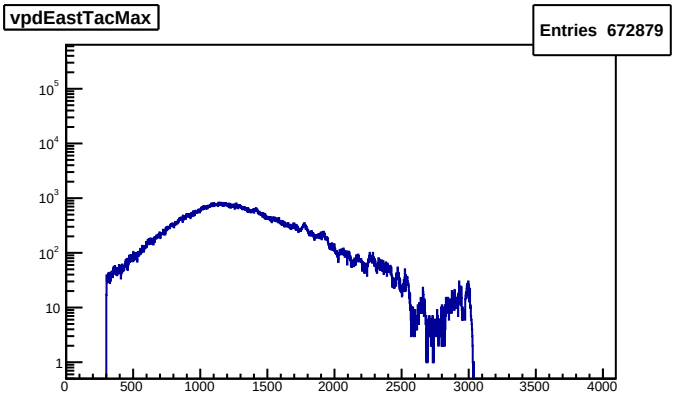
Entries 0
Data
Simu

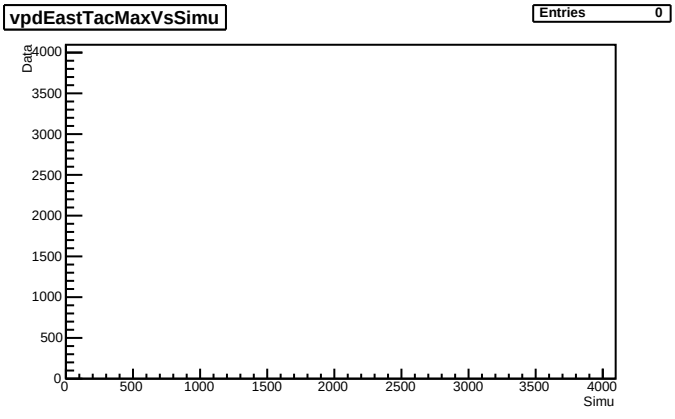

epdWestNHits
Entries 672879


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 672879


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 672879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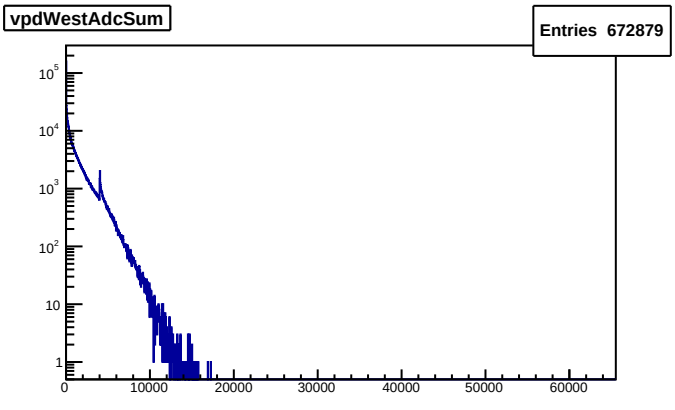
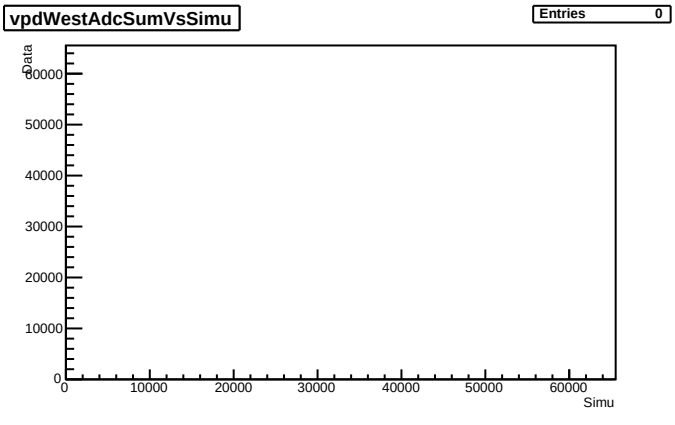
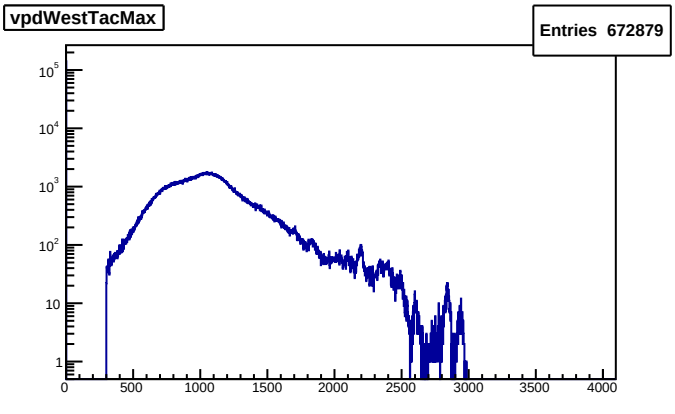
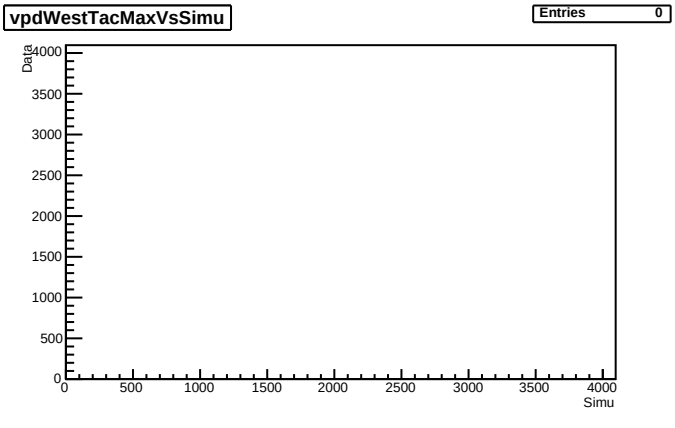
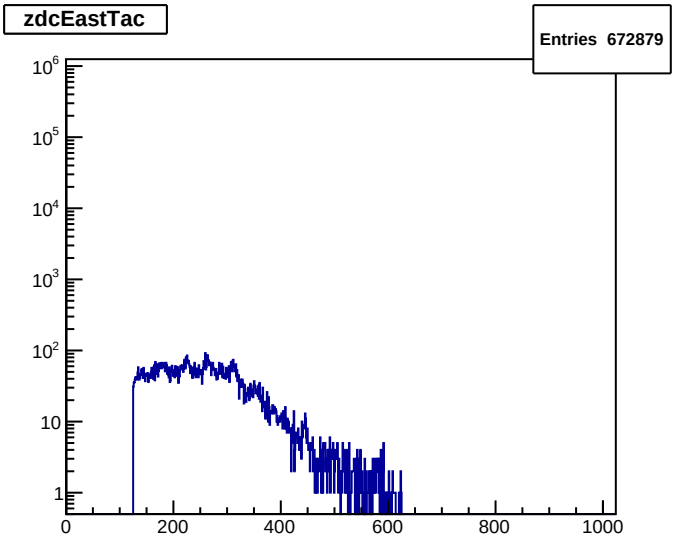
Entries 0
Data
Simu

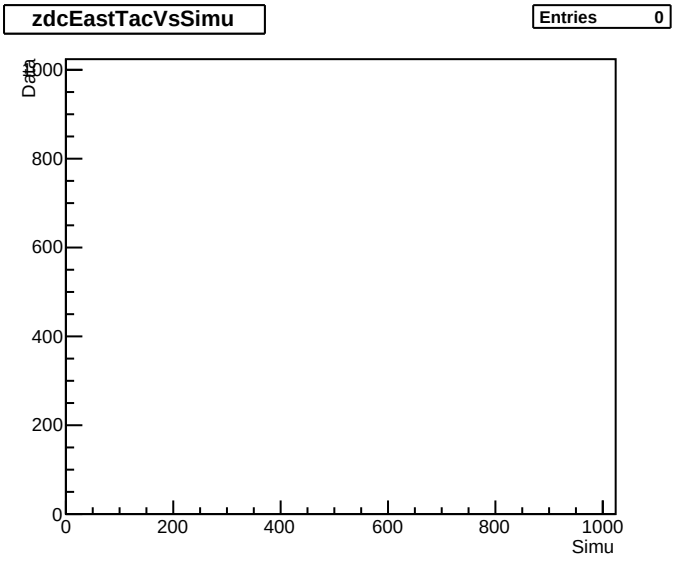

vpdWestAdcSum
Entries 672879

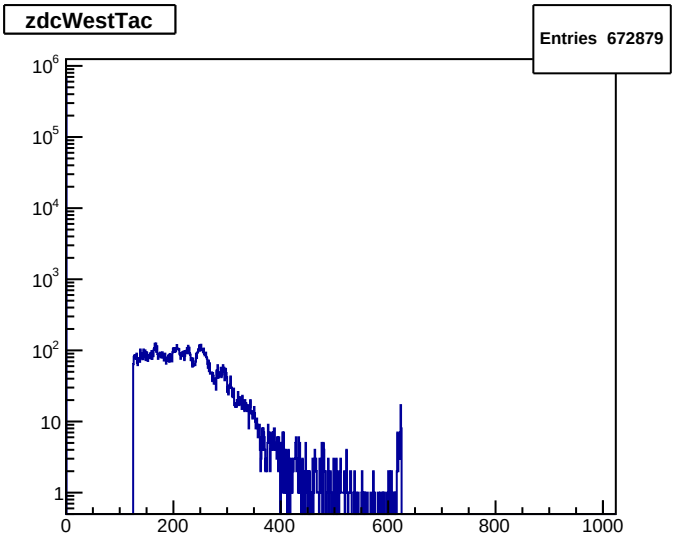

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

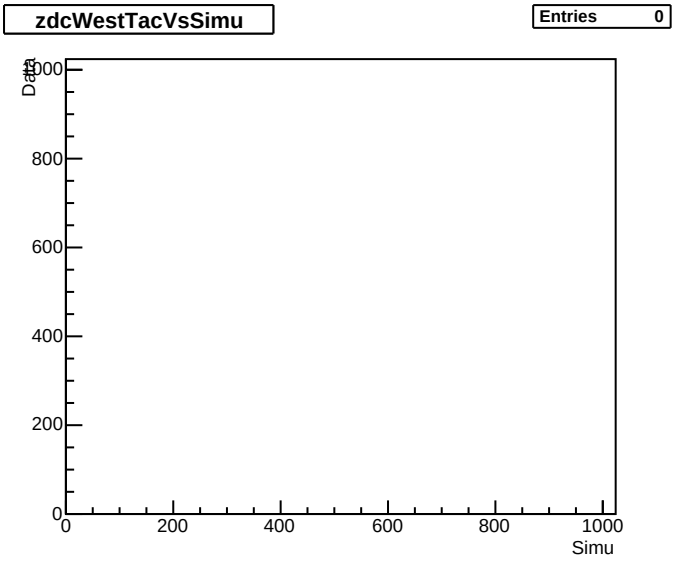

vpdWestTacMax
Entries 672879

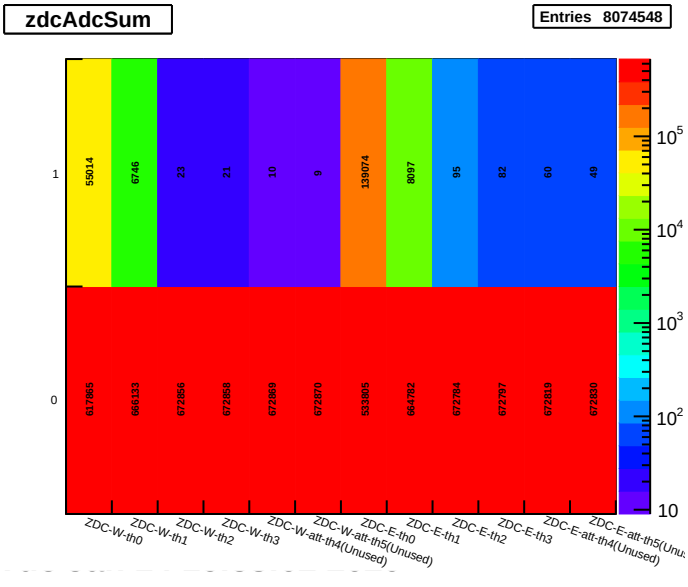

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

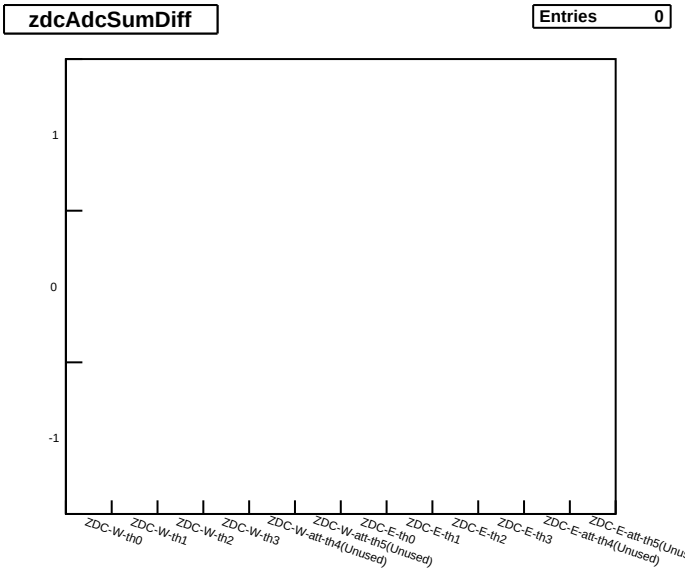

zdcEastTac
Entries 672879

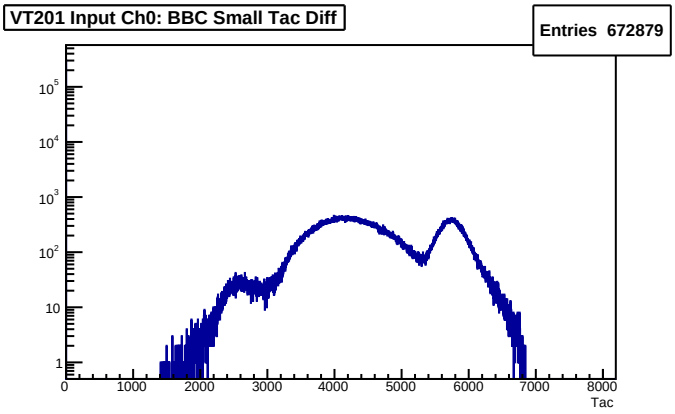

zdcEastTacVsSimu
Entries 0
Data
Simu

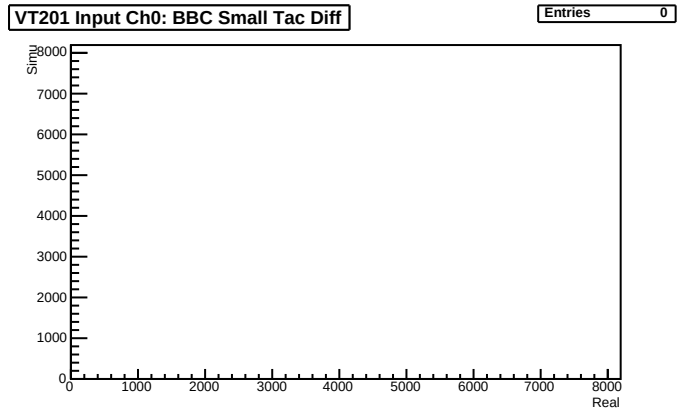

zdcWestTac
Entries 672879

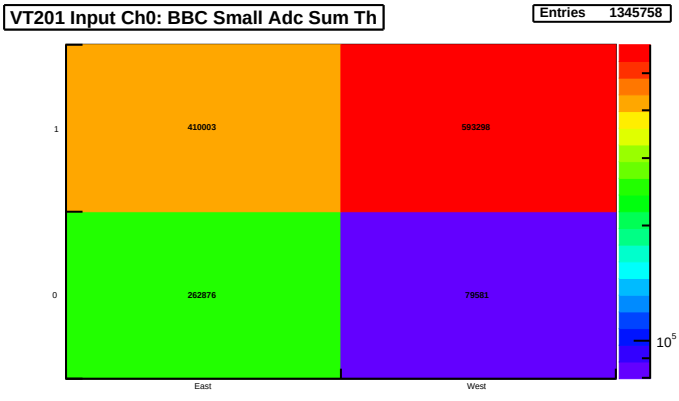

zdcWestTacVsSimu
Entries 0
Data
Simu

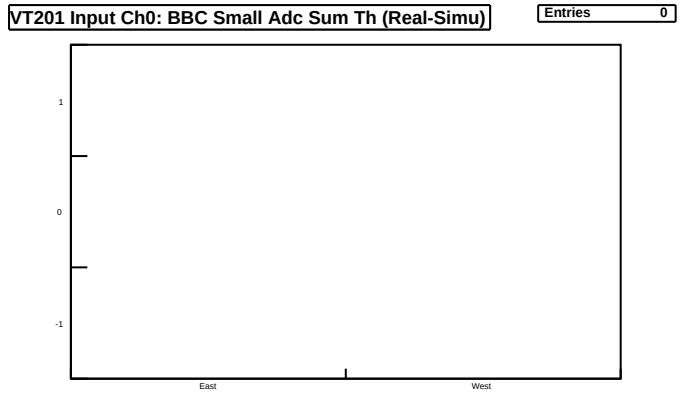

zdcAdcSum
Entries 8074548
55014
6746
23
21
10
9
139074
8097
95
82
60
49
617885
666133
672856
672858
672869
672870
533805
664782
672784
672797
672810
672830
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

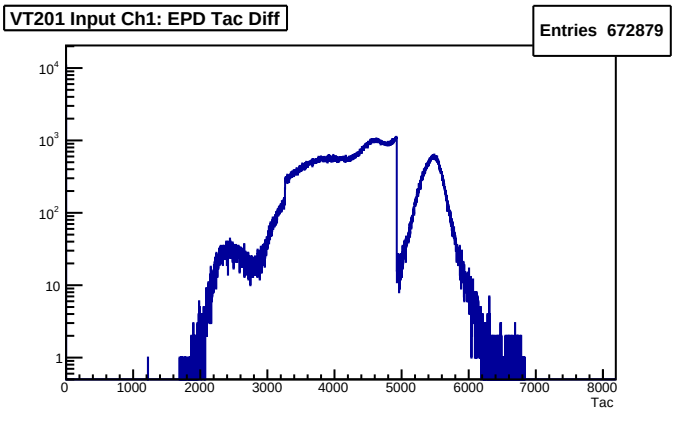

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

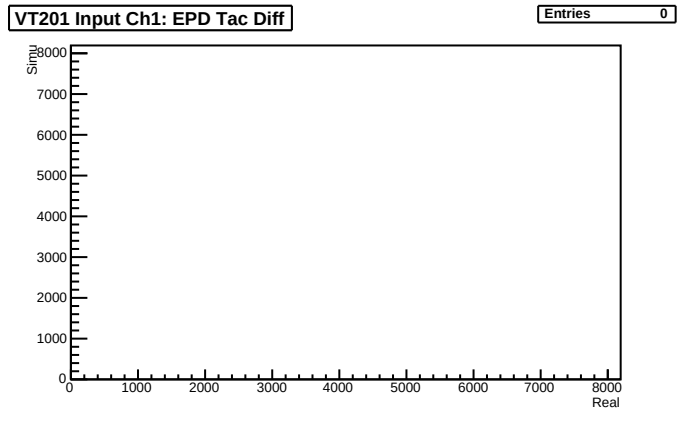

VT201 Input Ch0: BBC Small Tac Diff
Entries 672879
Tac

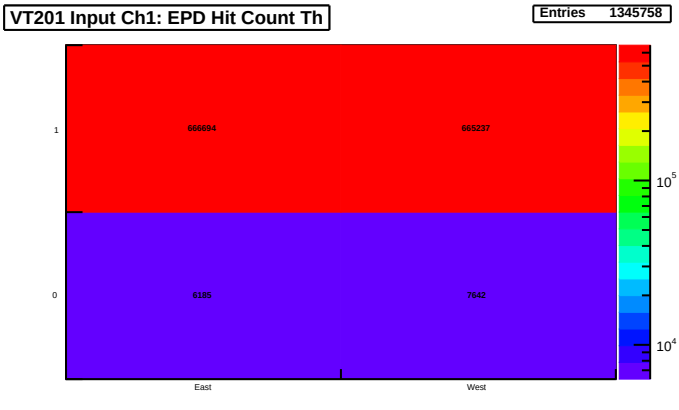

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

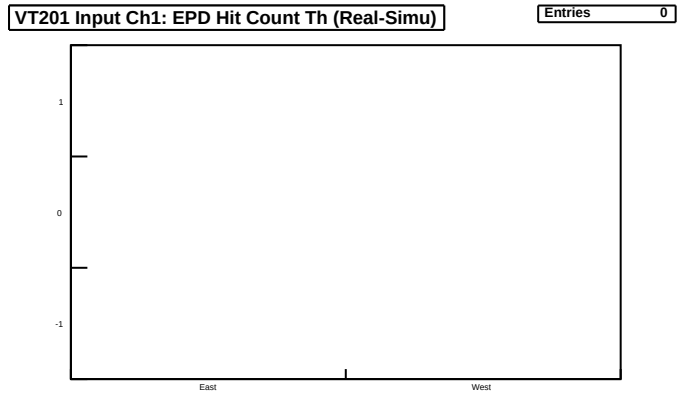

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1345758
410003
593298
262876
79581
East
West

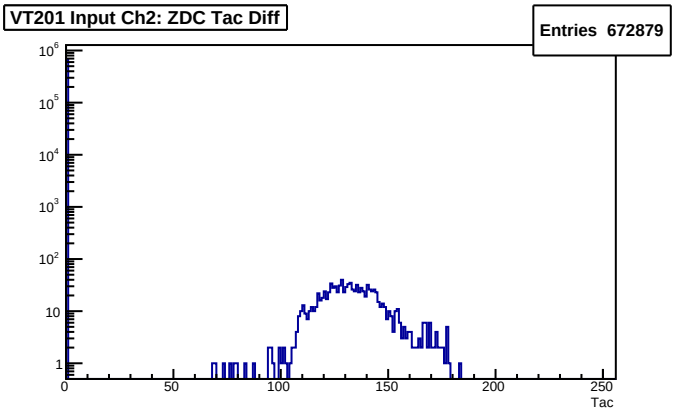

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

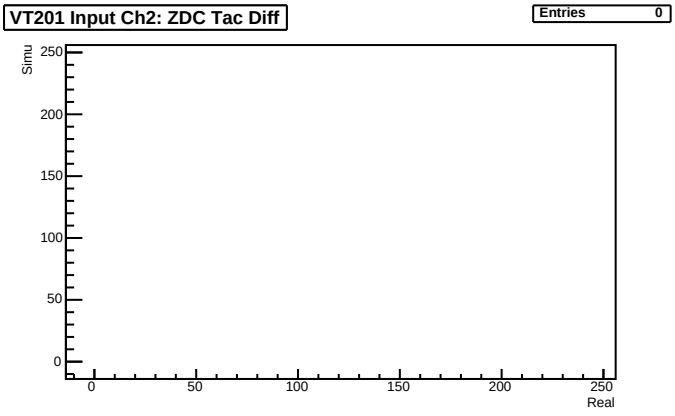

VT201 Input Ch1: EPD Tac Diff
Entries 672879
Tac

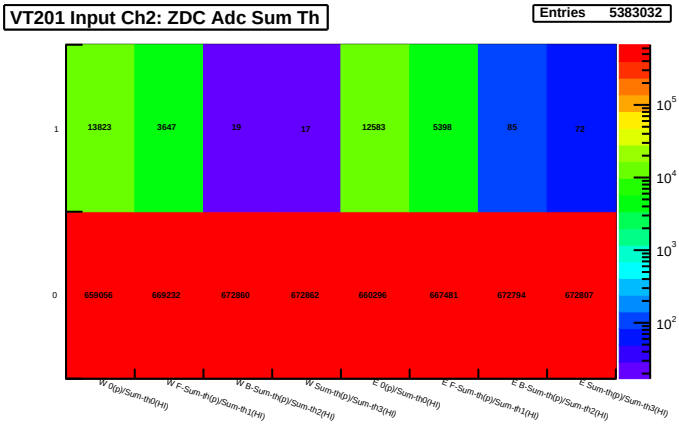

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

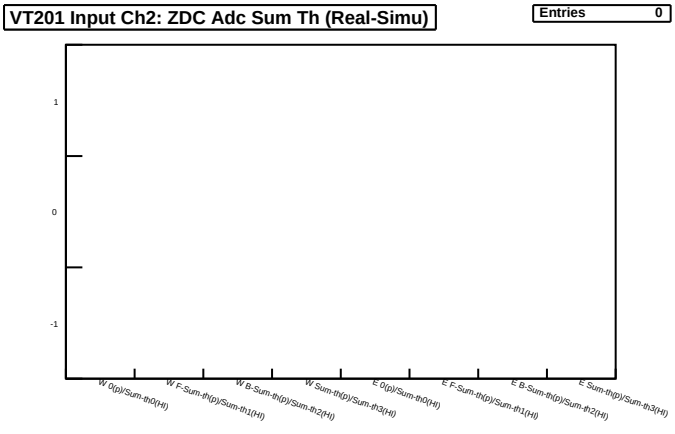

VT201 Input Ch1: EPD Hit Count Th
Entries 1345758
666694
665237
6185
7642
East
West

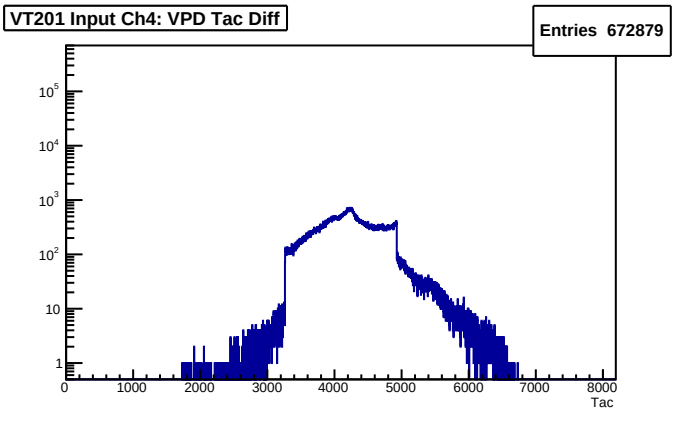

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

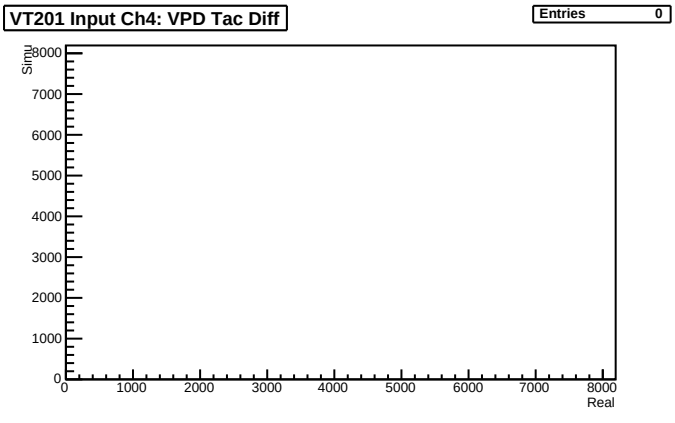

VT201 Input Ch2: ZDC Tac Diff
Entries 672879
Tac

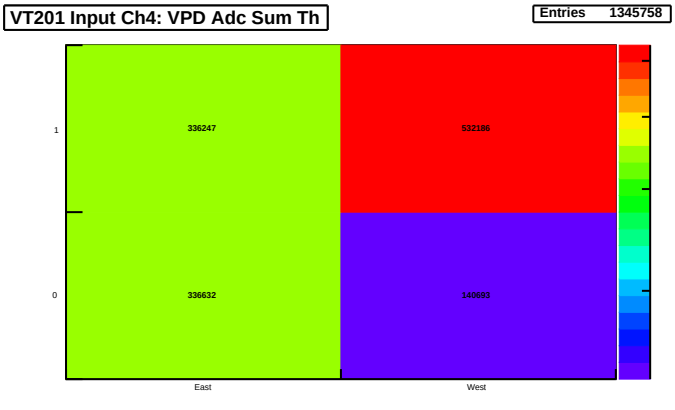

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

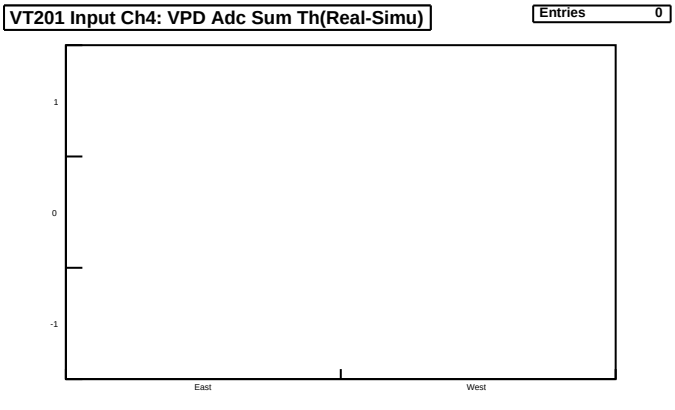

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5383032
13823
3647
19
17
12583
5398
85
72
659056
669232
672860
672862
660296
667481
672794
672807
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

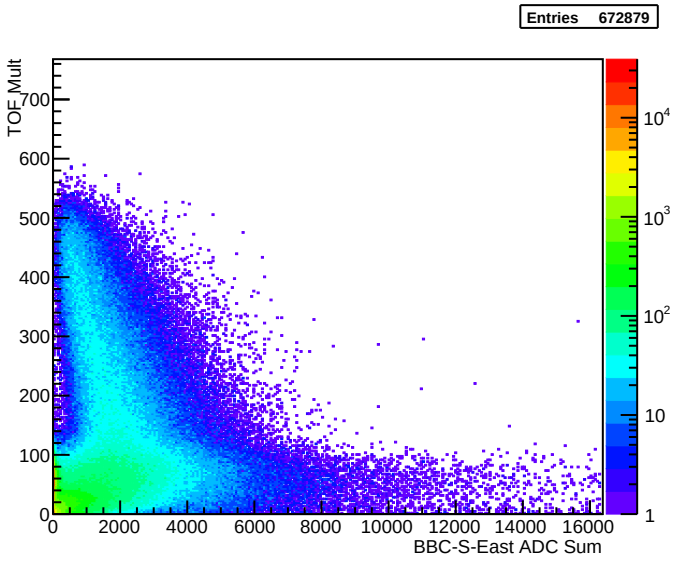

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

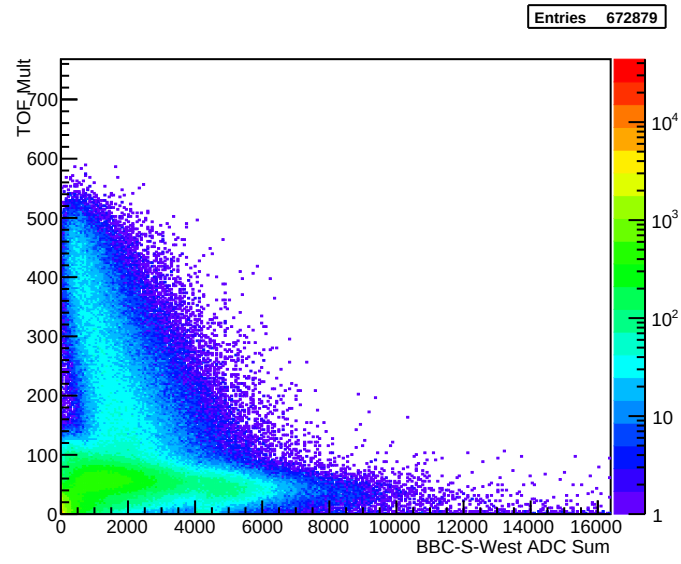

VT201 Input Ch4: VPD Tac Diff
Entries 672879
Tac

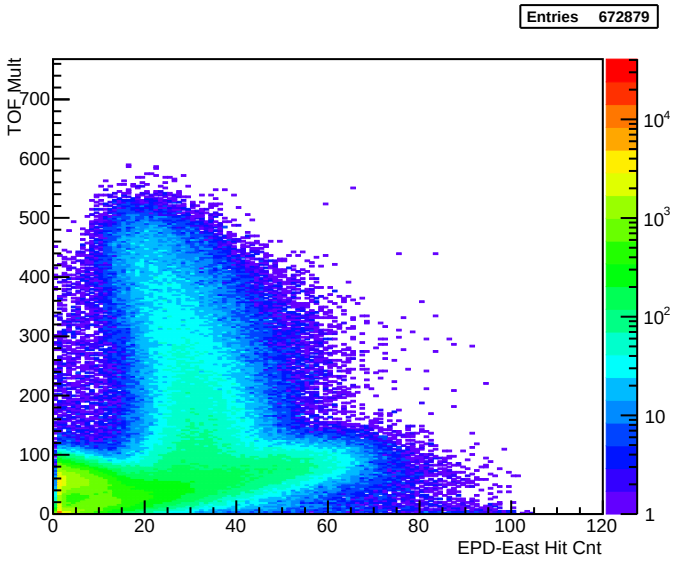

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

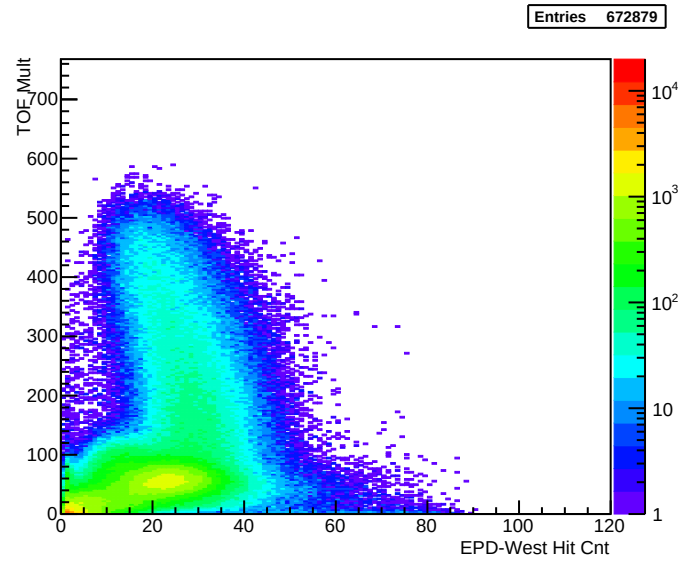

VT201 Input Ch4: VPD Adc Sum Th
Entries 1345758
336247
532186
336632
140693
East
West

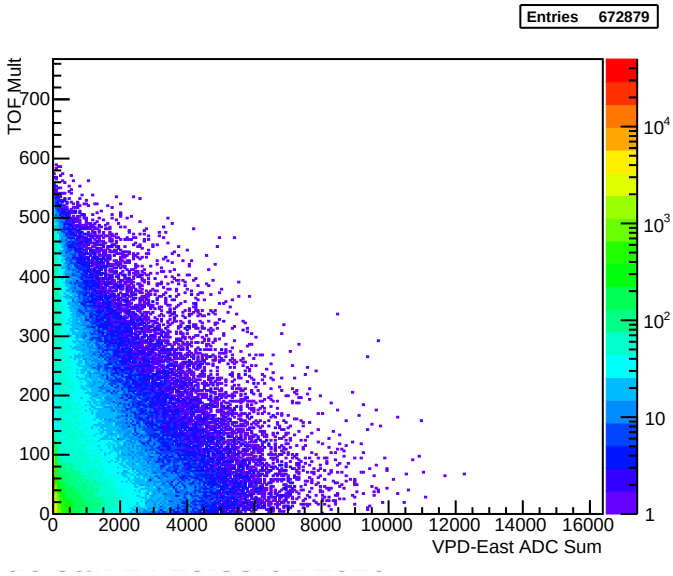

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

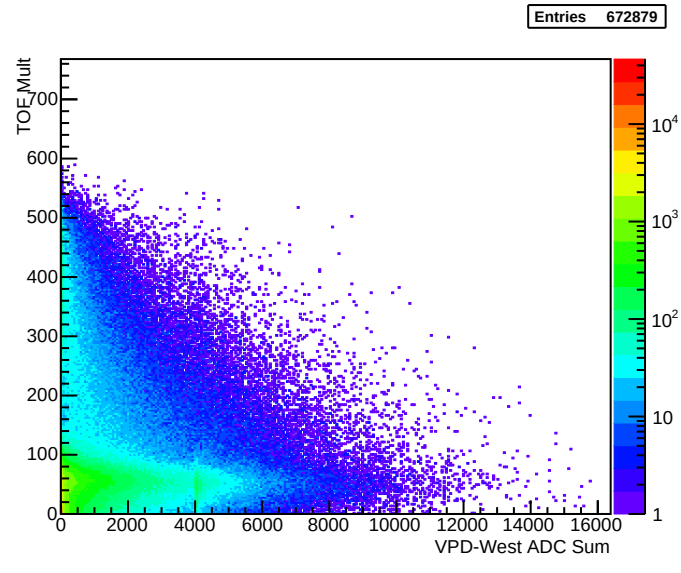

Entries 672879
TOF_Mult
BBC-S-East ADC Sum

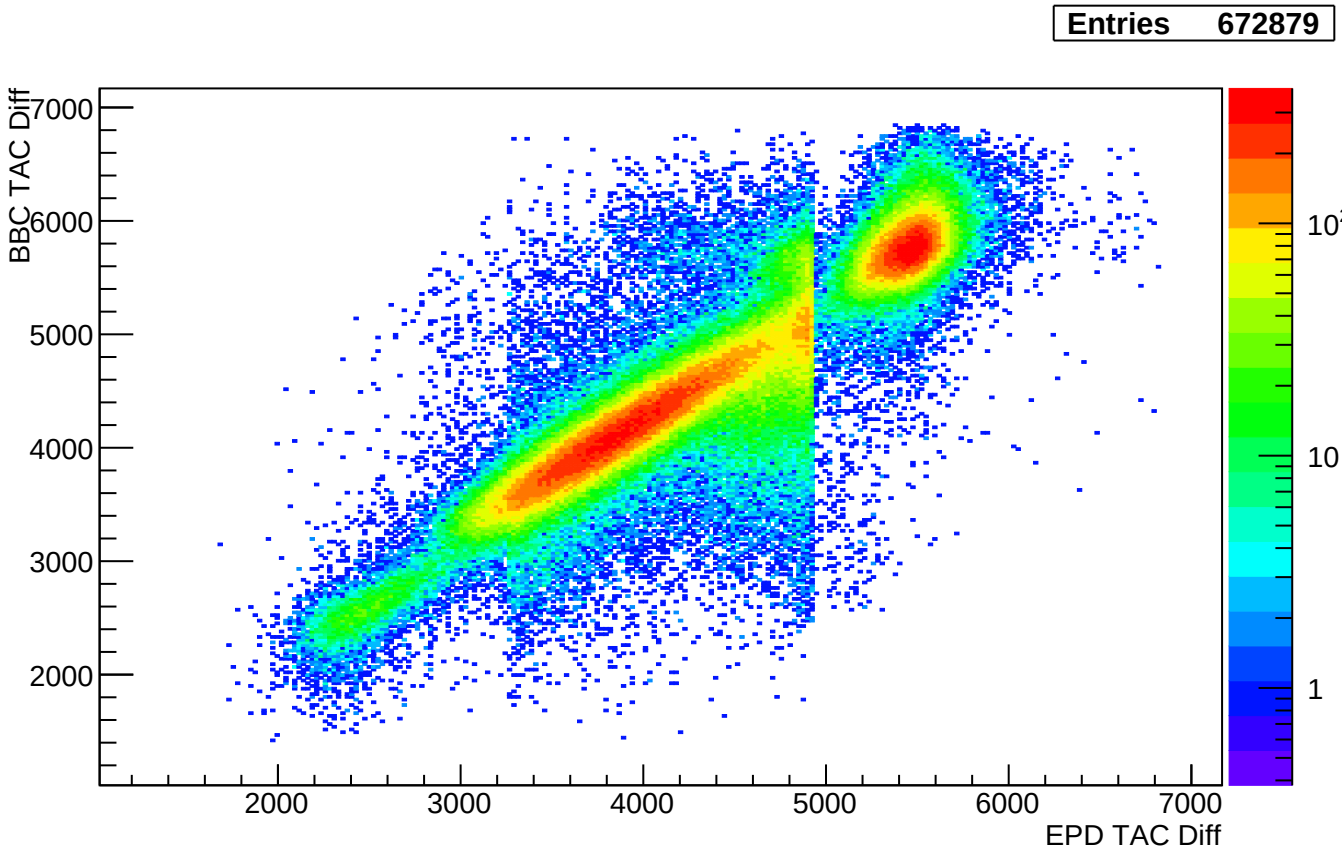

Entries 672879
TOF_Mult
BBC-S-West ADC Sum

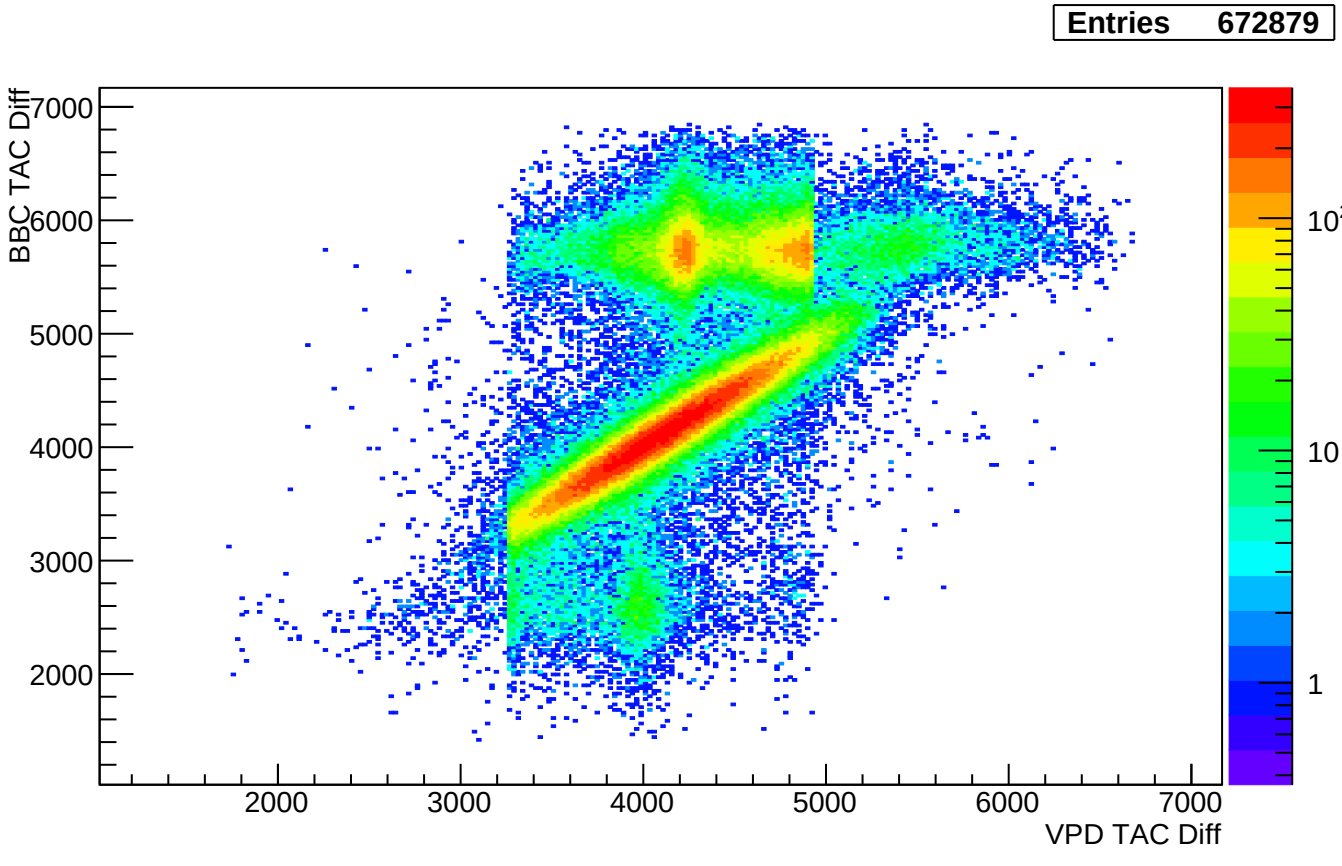

Entries 672879
TOF_Mult
EPD-East Hit Cnt

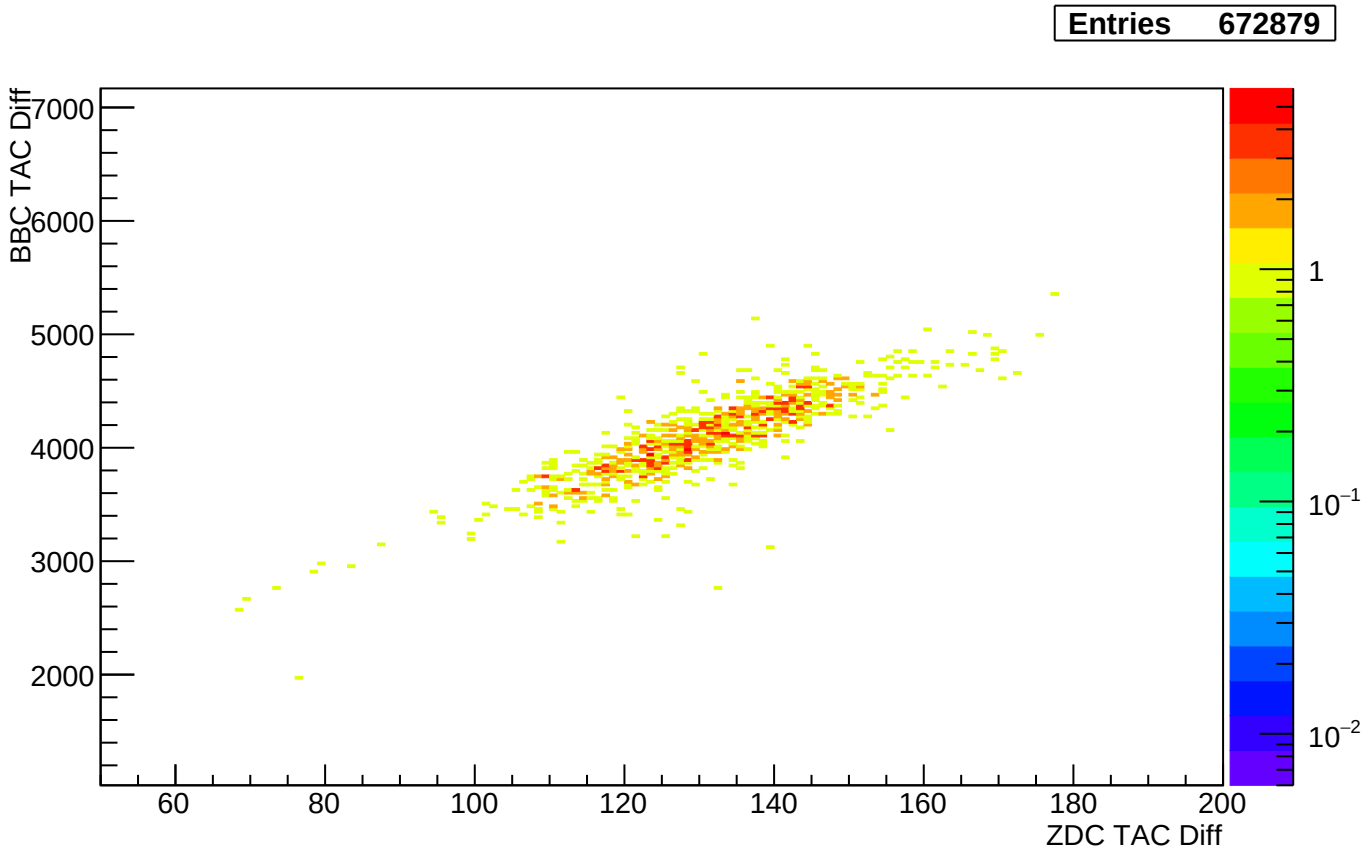

Entries 672879
TOF_Mult
EPD-West Hit Cnt

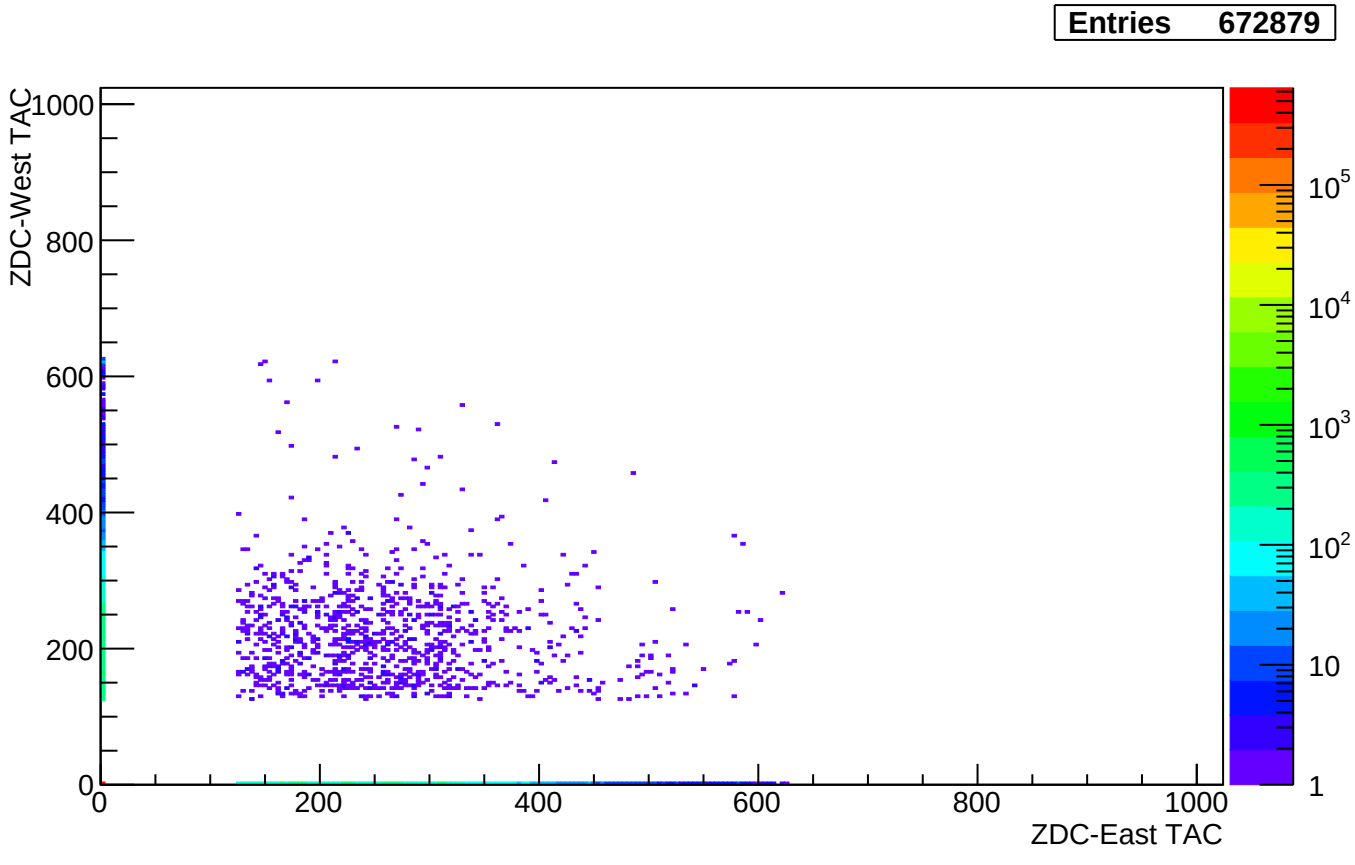

Entries 672879
TOF_Mult
VPD-East ADC Sum

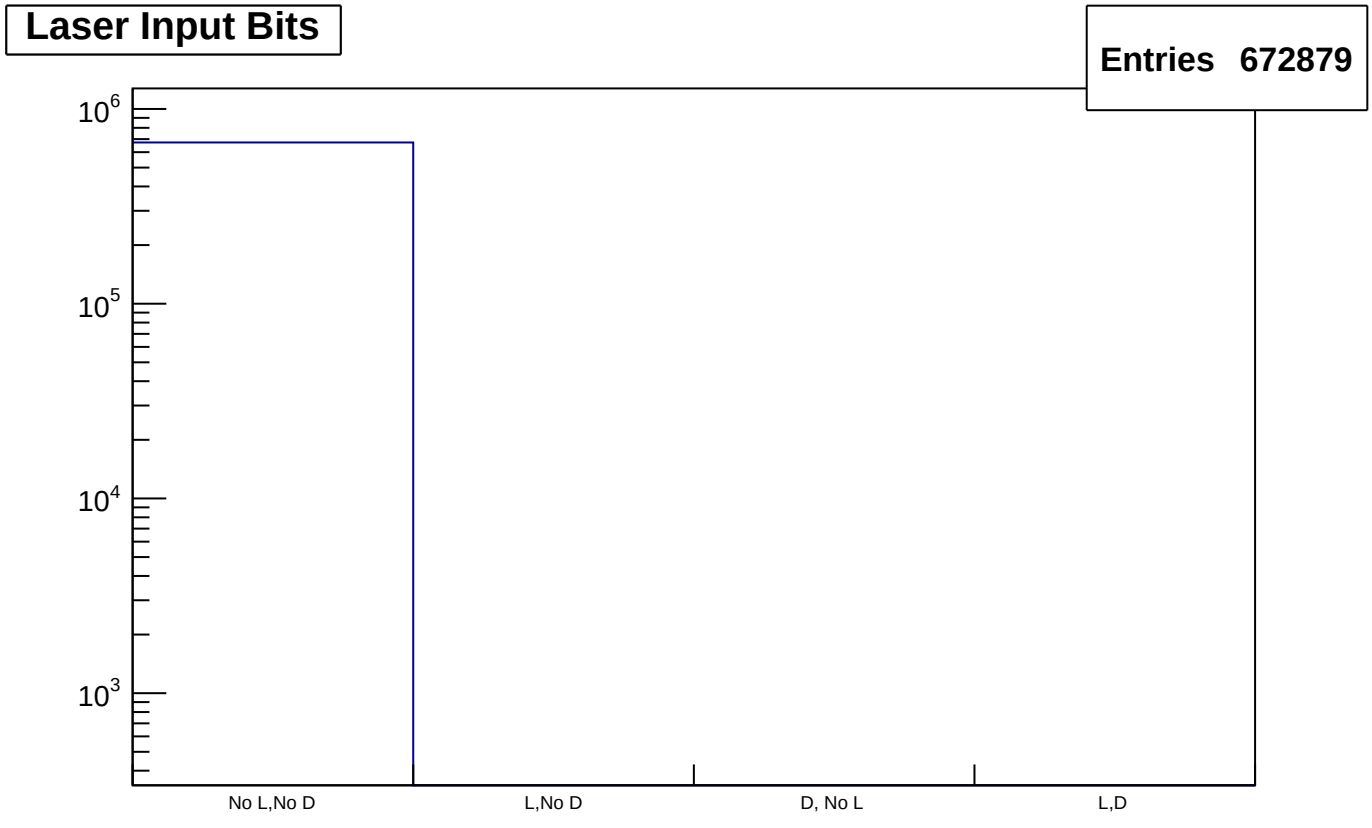

Entries 672879
TOF_Mult
VPD-West ADC Sum

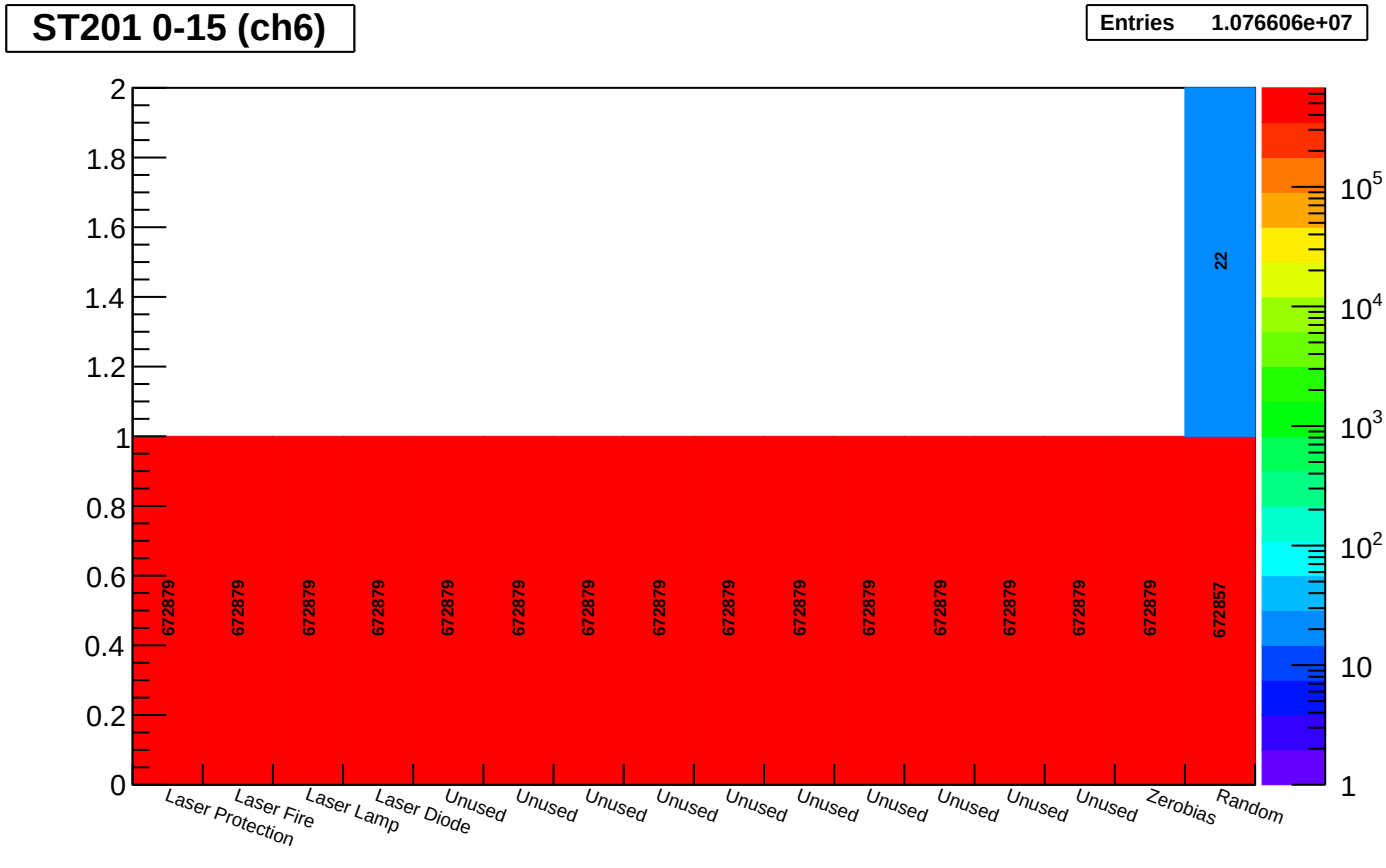

Entries 672879
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

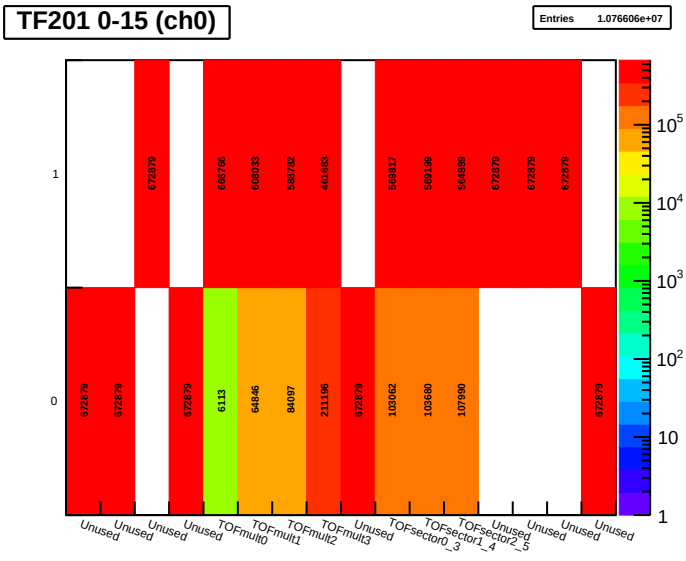

Entries 672879
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

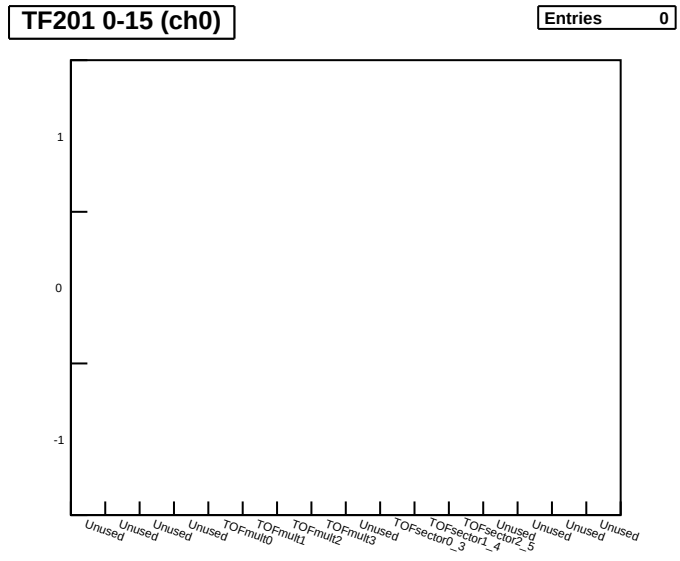

Entries 672879
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

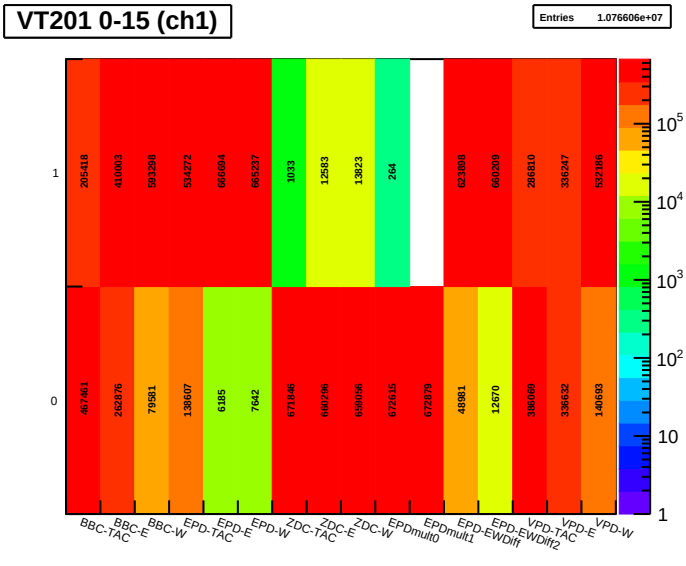

Entries 672879
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

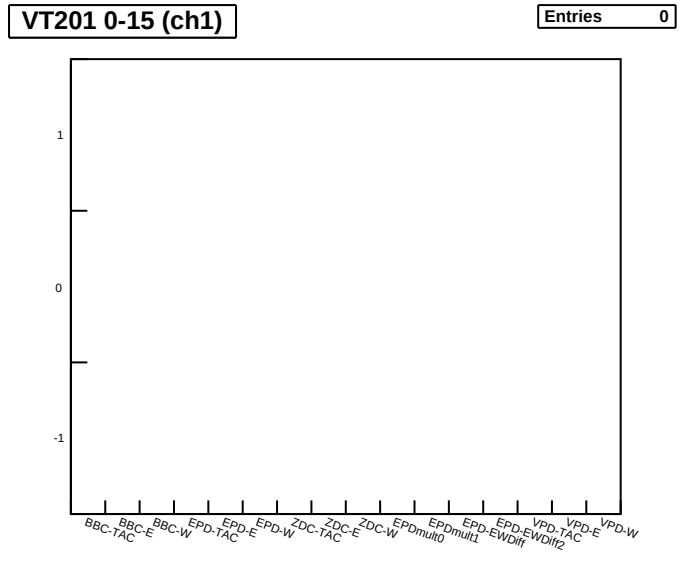

Laser Input Bits
Entries 672879
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

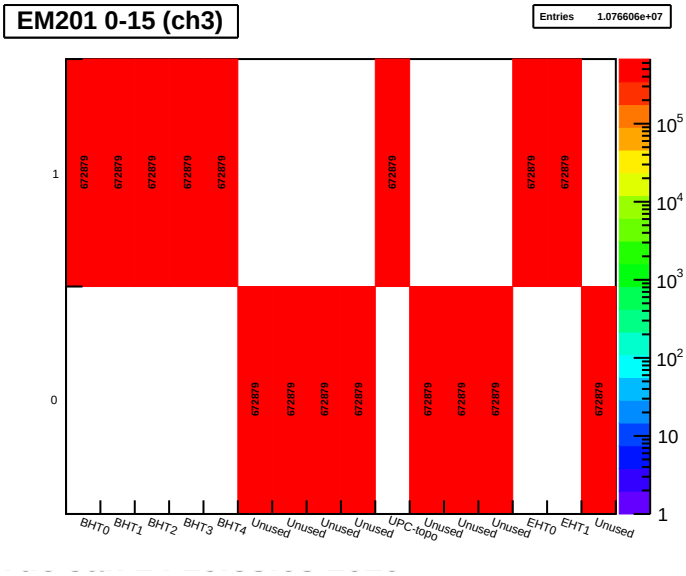

ST201 0-15 (ch6)
Entries 1.076606e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
22
672879
672857
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

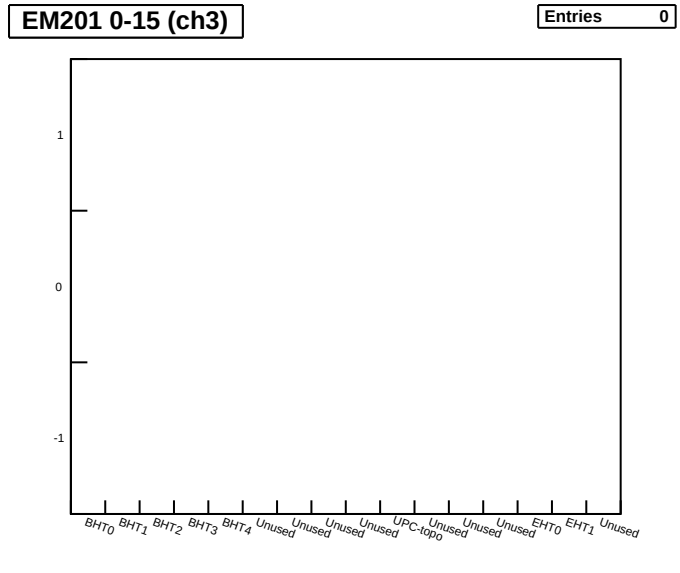

TF201 0-15 (ch0)
Entries 1.076606e+07
1
0
672879 672879 672879 666766 608033 583782 461683 569817 569199 564889 672879 672879 672879
672879 672879 672879 6113 64846 84097 211196 672879 103062 103680 107990 672879
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 1.076606e+07
1
0
205418 410003 593268 534272 666694 665237 1033 12583 13823 264 623898 660209 286810 336247 532186
457461 262876 79581 138607 6185 7642 671846 660296 659056 672615 672879 48981 12670 388069 336632 140693
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 1.076606e+07
1
0
672879 672879 672879 672879 672879 672879 672879 672879
672879 672879 672879 672879 672879 672879 672879 672879
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