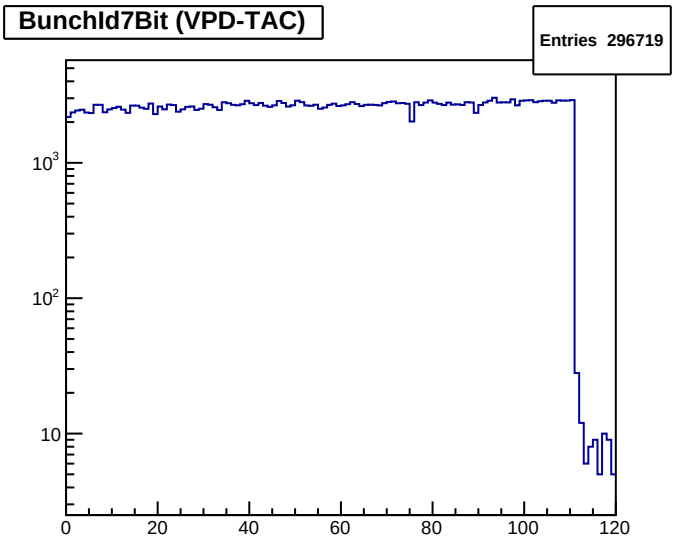
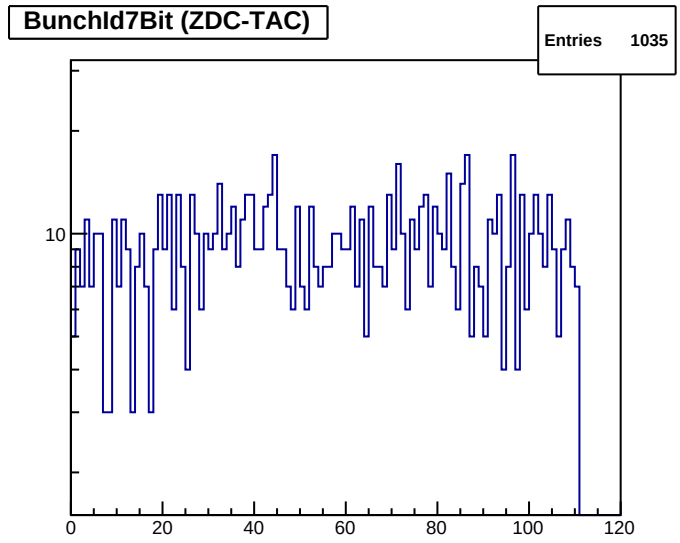
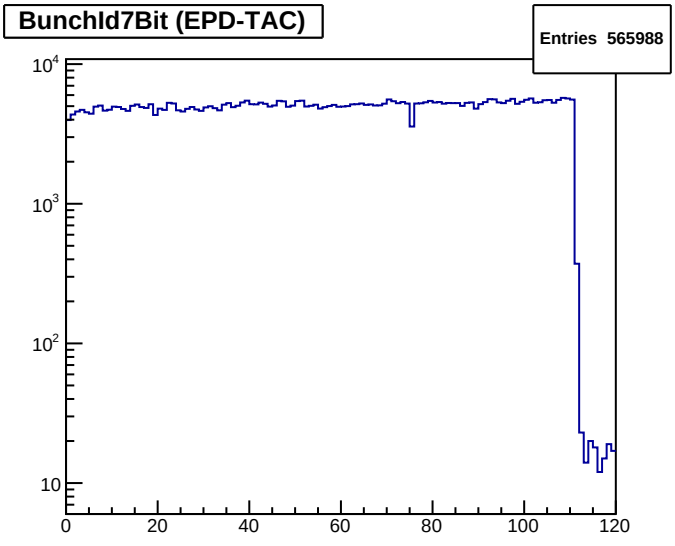
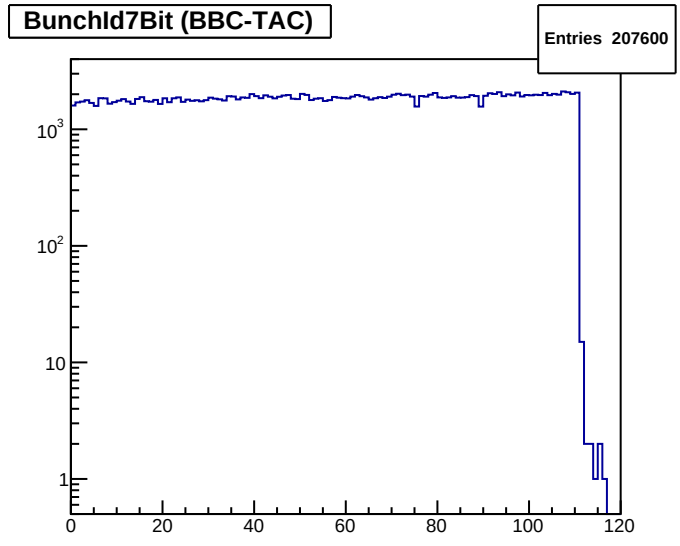
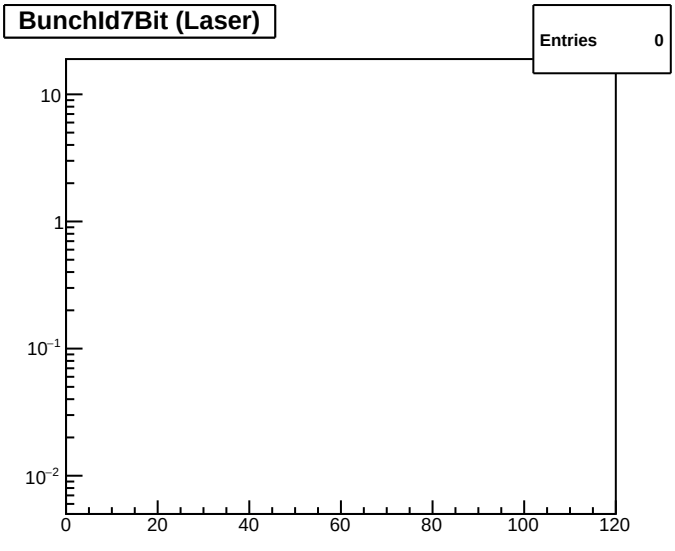
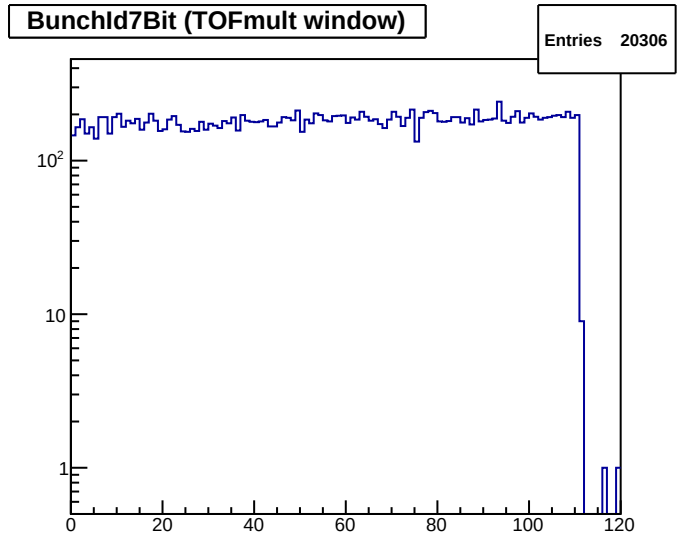

BunchId7Bit (VPD-TAC)
Entries 296719

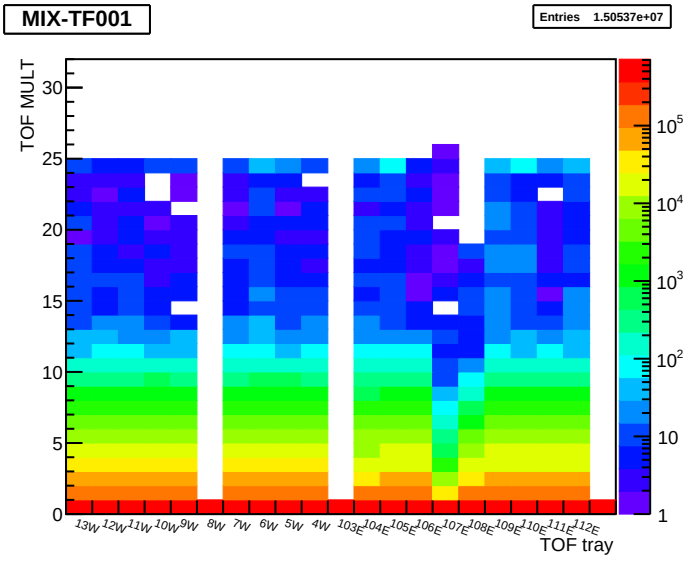

BunchId7Bit (ZDC-TAC)
Entries 1035

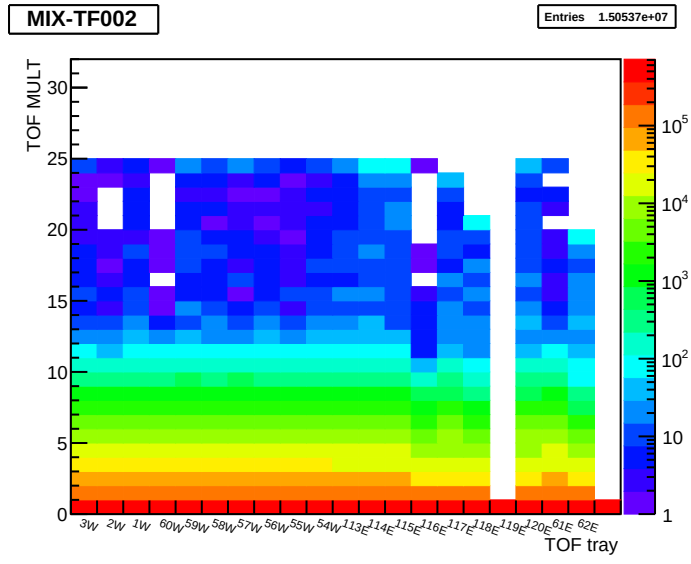

BunchId7Bit (EPD-TAC)
Entries 565988

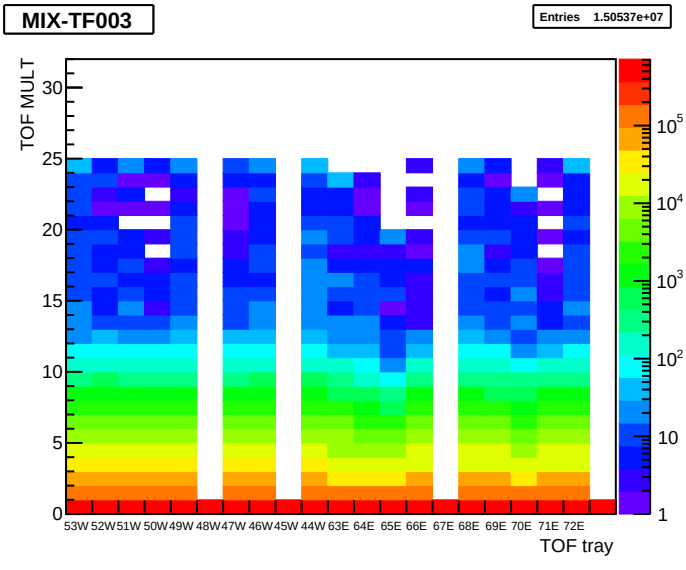

BunchId7Bit (BBC-TAC)
Entries 207600

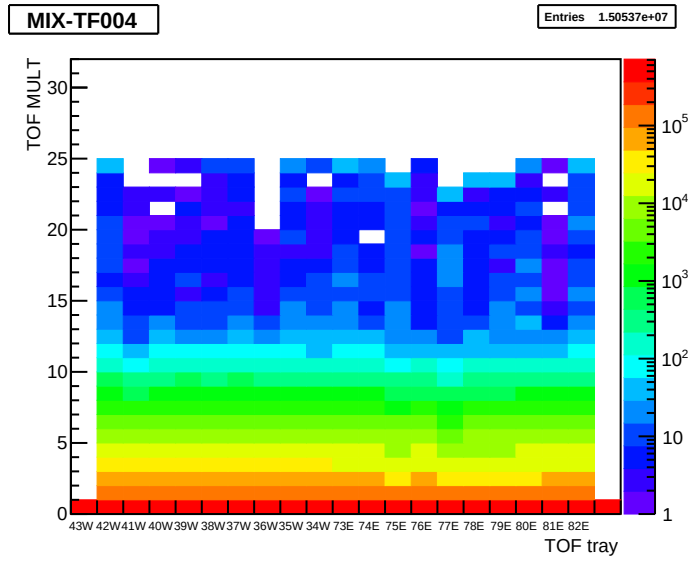

BunchId7Bit (Laser)
Entries 0

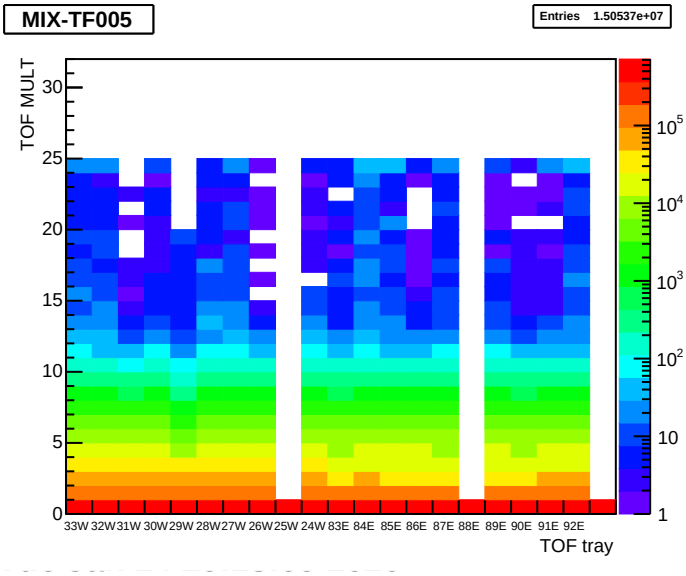

BunchId7Bit (TOFmult window)
Entries 20306

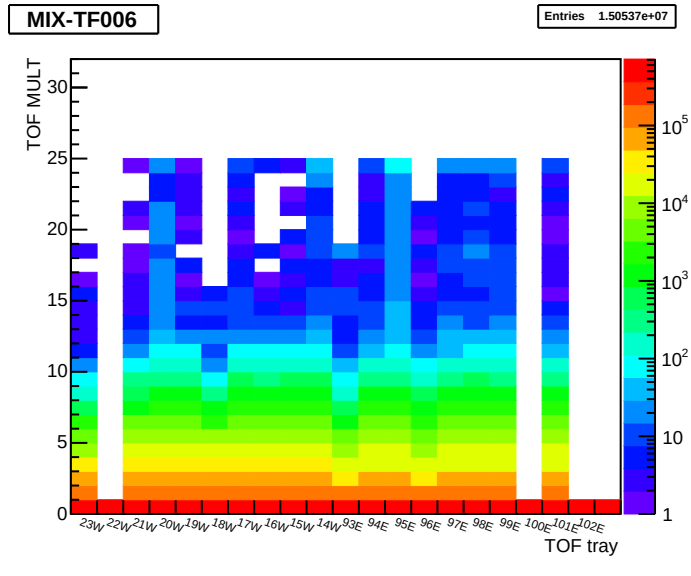

MIX-TF001
Entries 1.50537e+07
TOF MULT
TOF tray

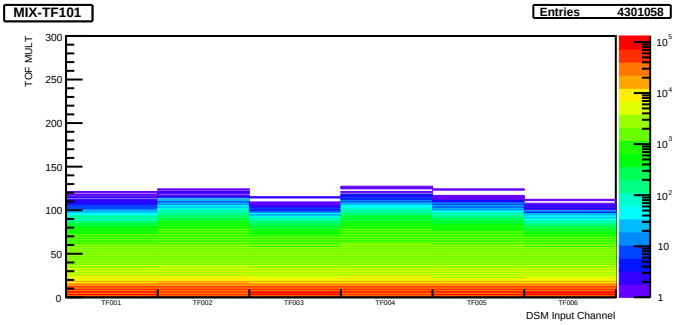

MIX-TF002
Entries 1.50537e+07
TOF MULT
TOF tray

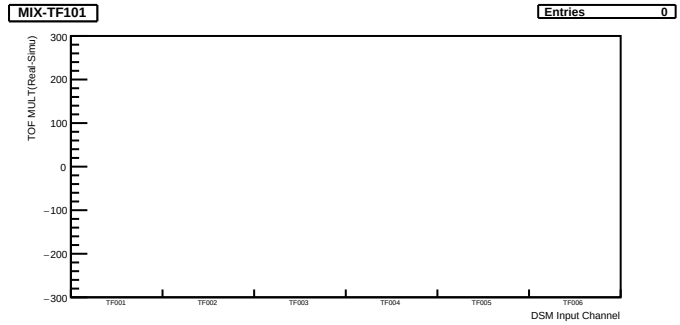

MIX-TF003
Entries 1.50537e+07
TOF MULT
TOF tray

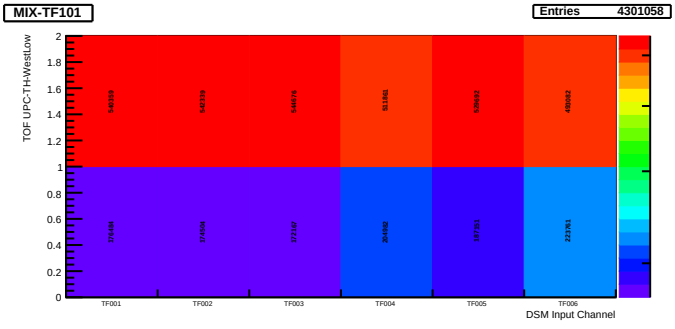

MIX-TF004
Entries 1.50537e+07
TOF MULT
TOF tray

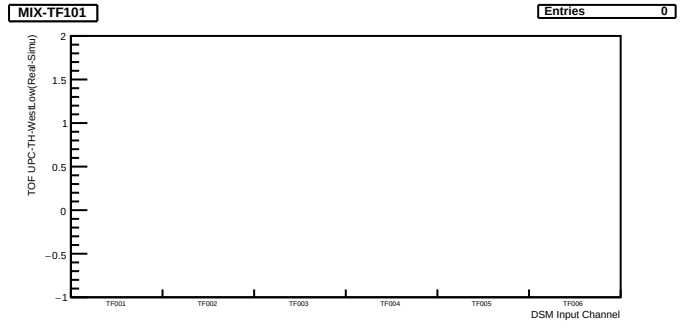

MIX-TF005
Entries 1.50537e+07
TOF MULT
TOF tray

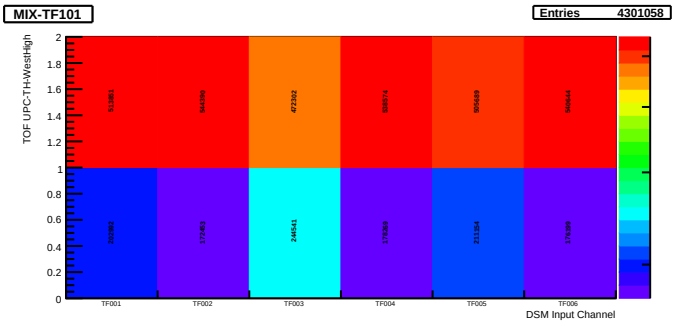

MIX-TF006
Entries 1.50537e+07
TOF MULT
TOF tray

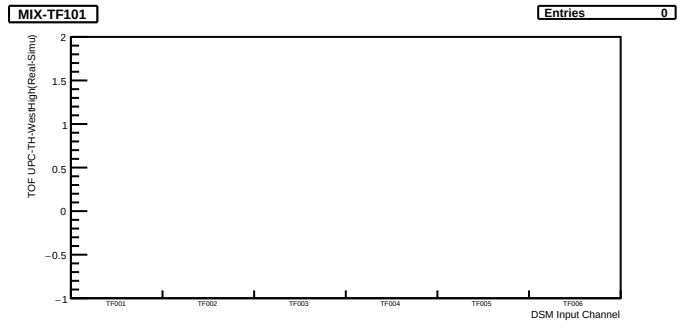

MIX-TF101
Entries 4301058
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

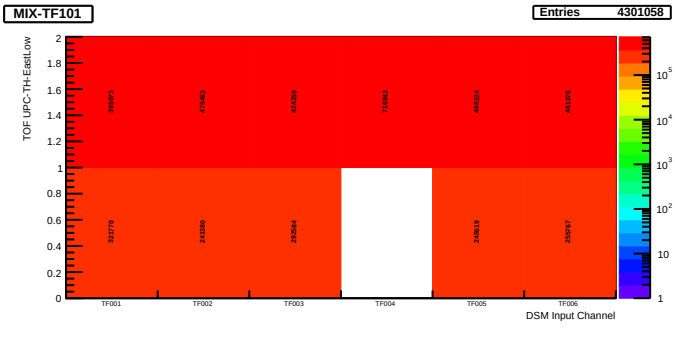

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

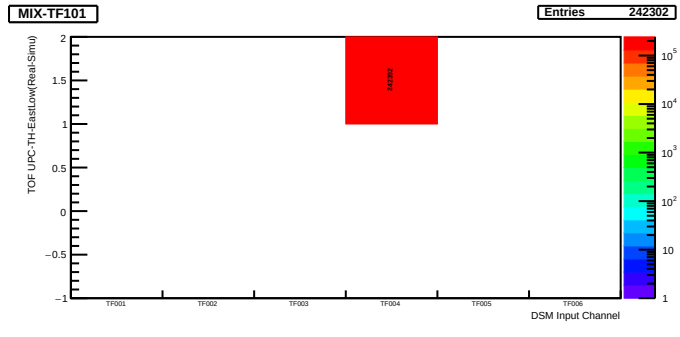

MIX-TF101
Entries 4301058
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

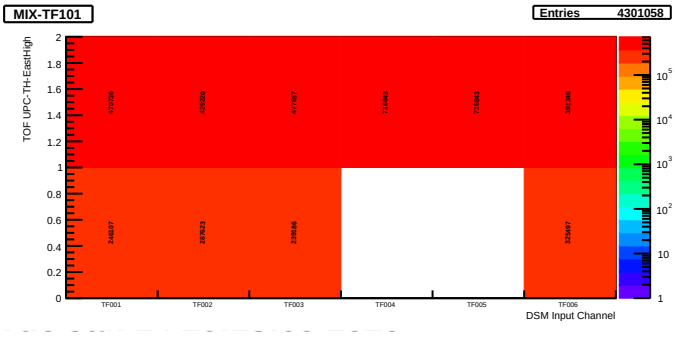

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

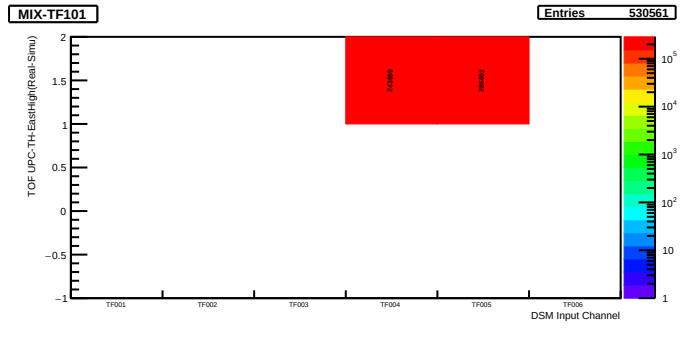

MIX-TF101
Entries 4301058
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

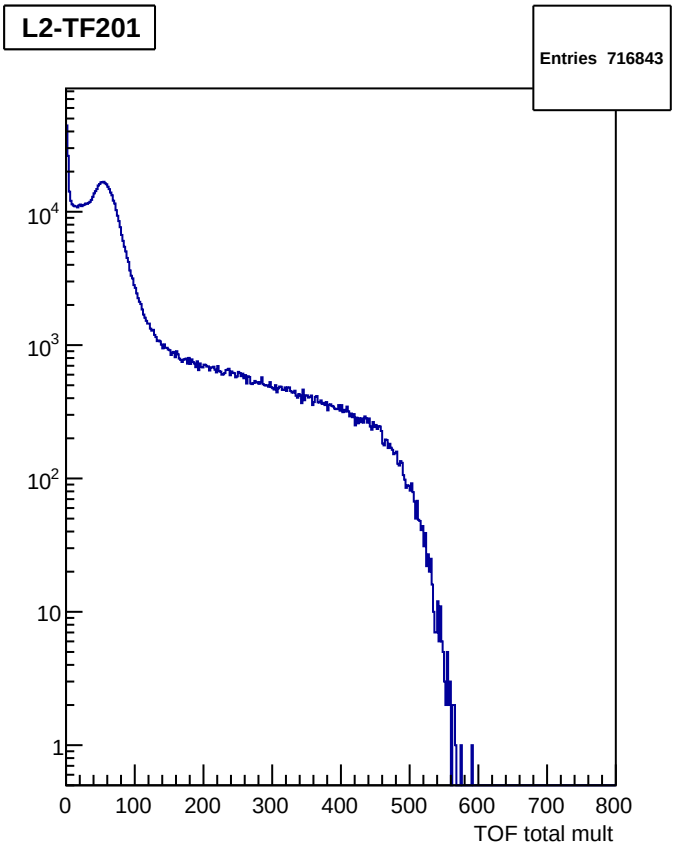

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

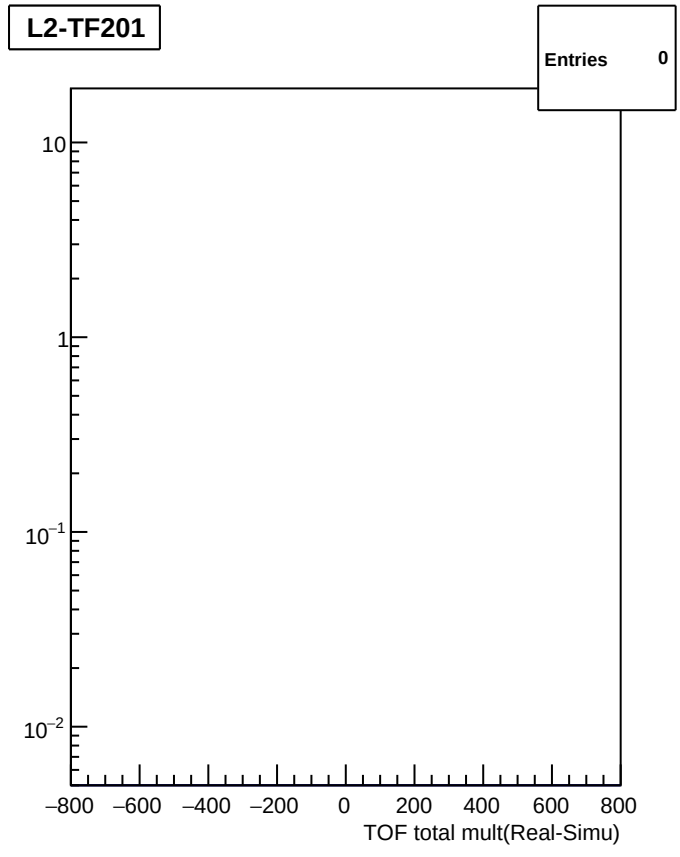

MIX-TF101
Entries 4301058
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

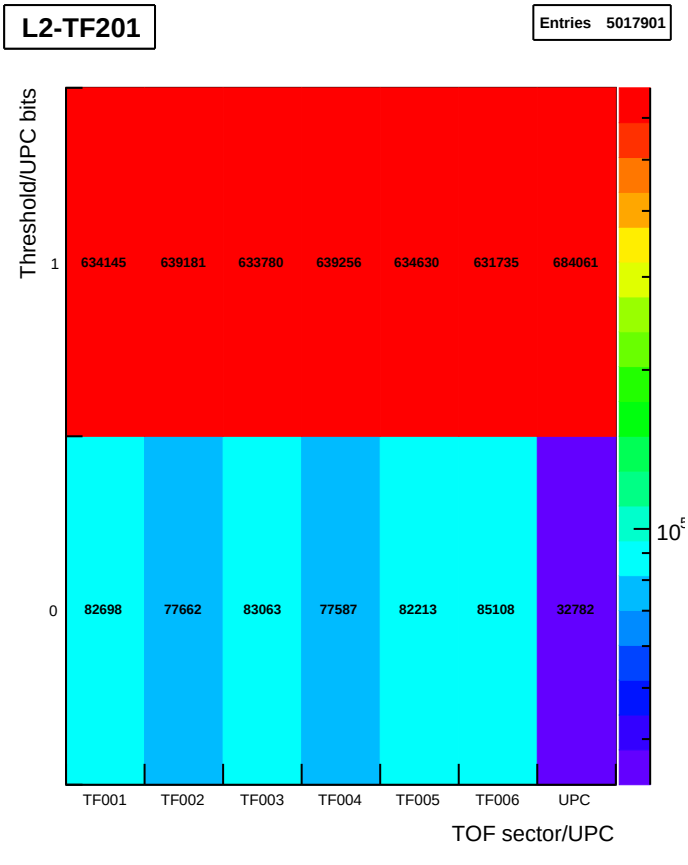

MIX-TF101
Entries 242302
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

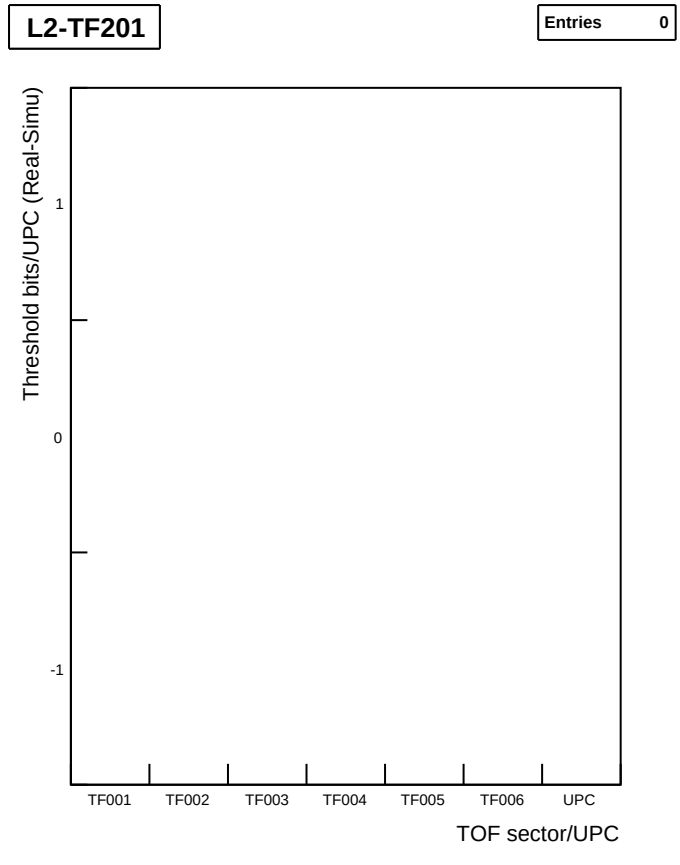

MIX-TF101
Entries 4301058
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

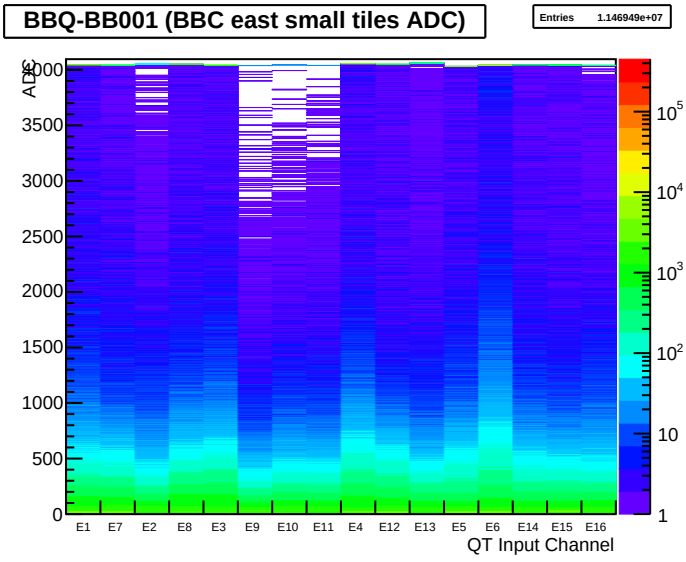

MIX-TF101
Entries 530561
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

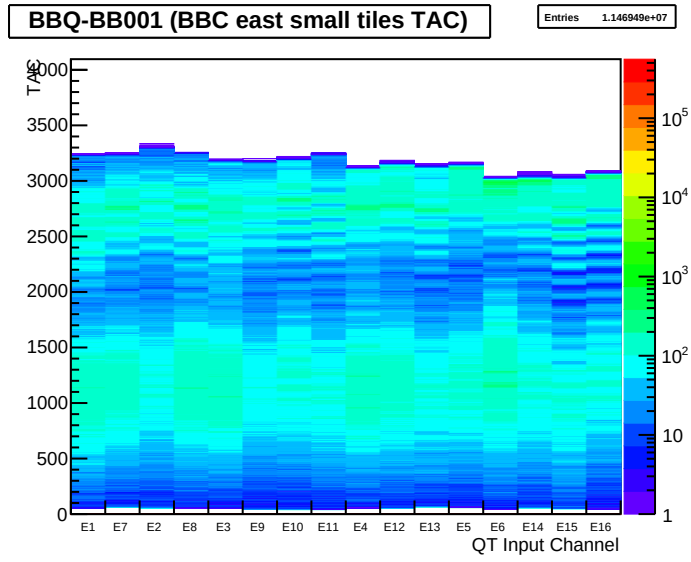

L2-TF201
Entries 716843
TOF total mult

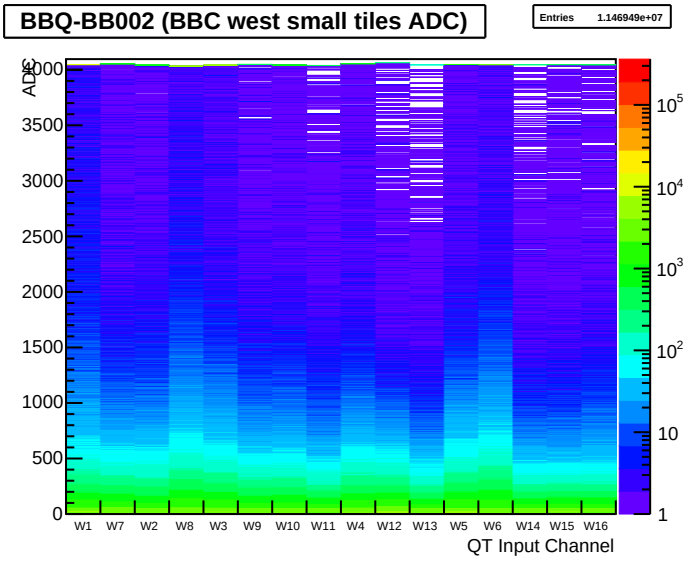

L2-TF201
Entries 0
TOF total mult(Real-Simu)

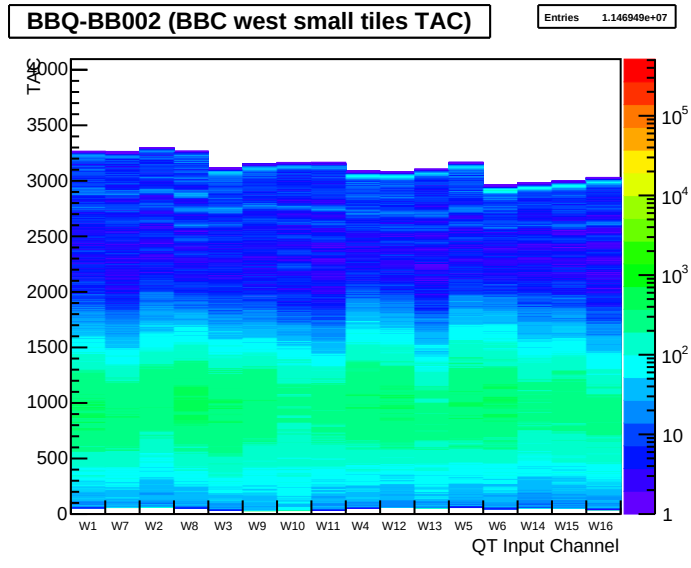

L2-TF201
Entries 5017901
Threshold/UPC bits
634145
639181
633780
639256
634630
631735
684061
82698
77662
83063
77587
82213
85108
32782
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

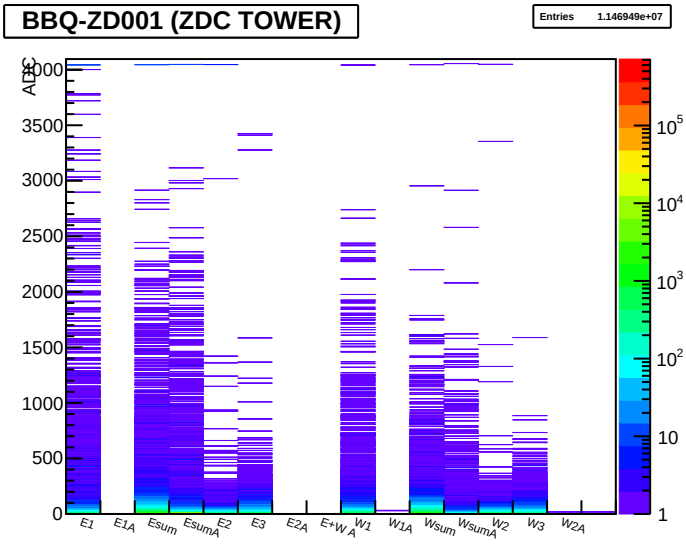

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

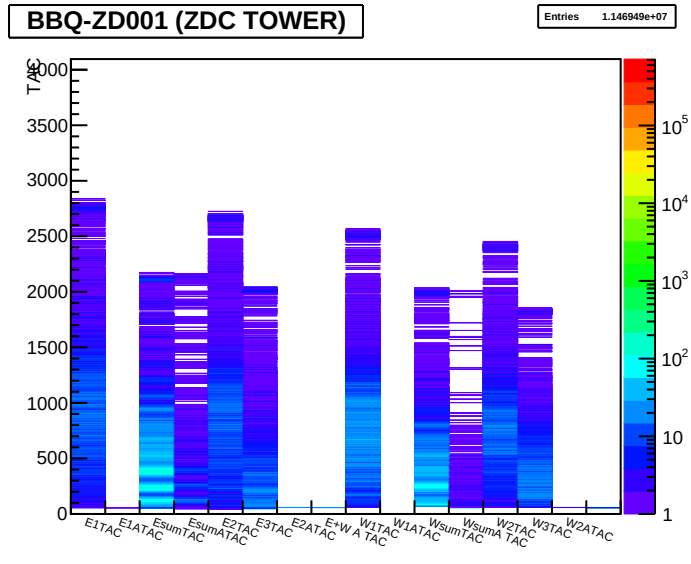

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.146949e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

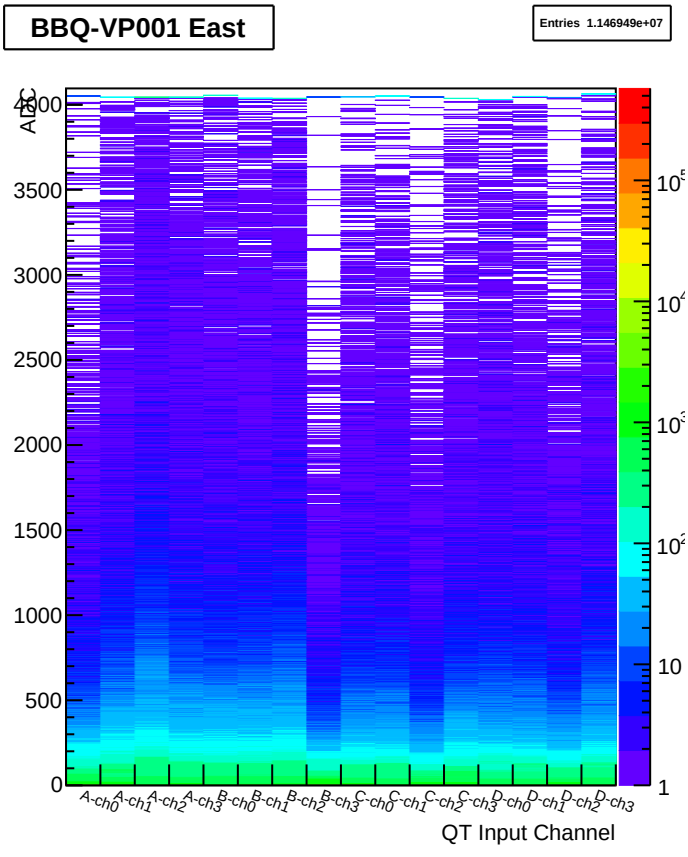

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.146949e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

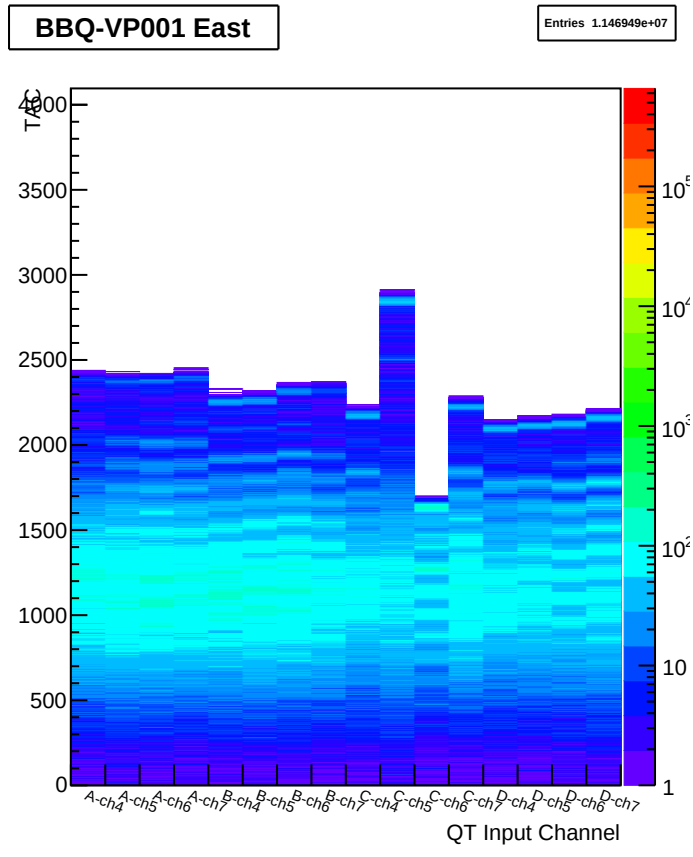

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.146949e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

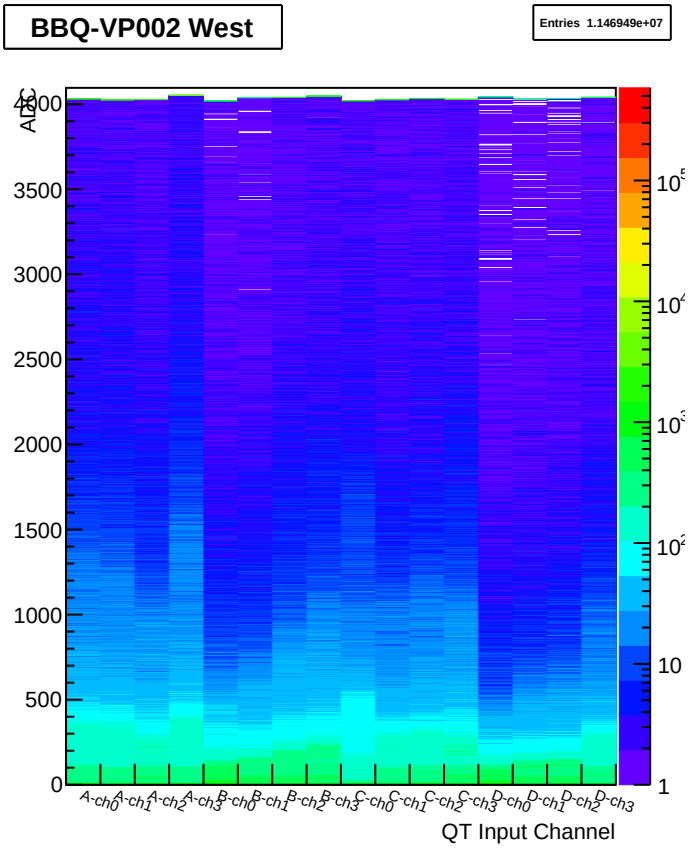

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.146949e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

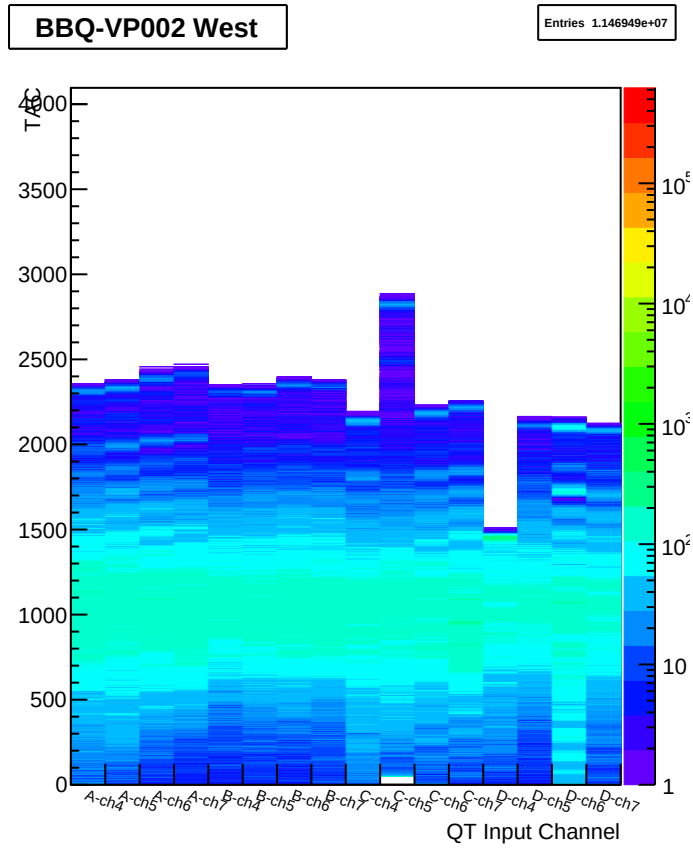

BBQ-ZD001 (ZDC TOWER)
Entries 1.146949e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

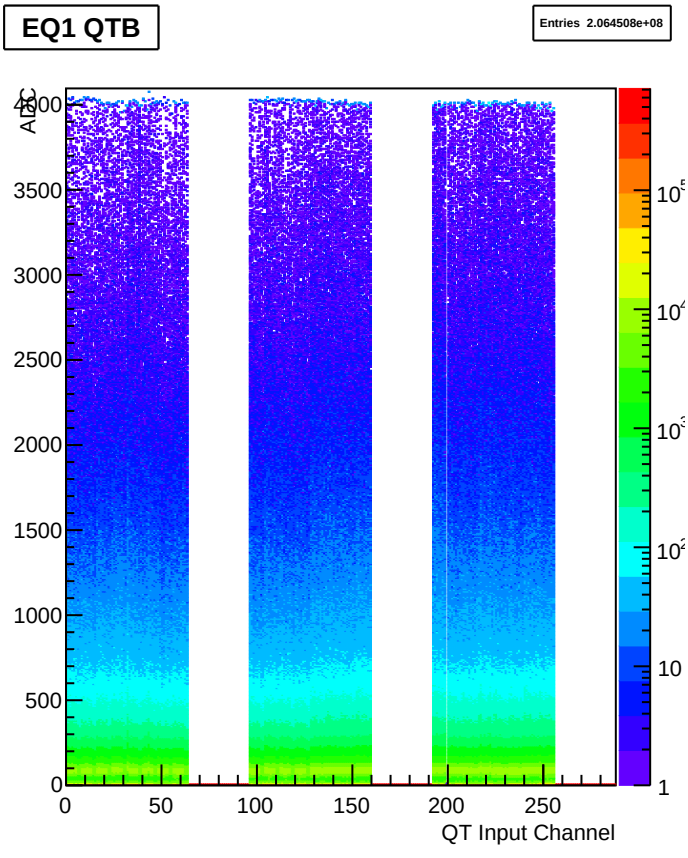

BBQ-ZD001 (ZDC TOWER)
Entries 1.146949e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

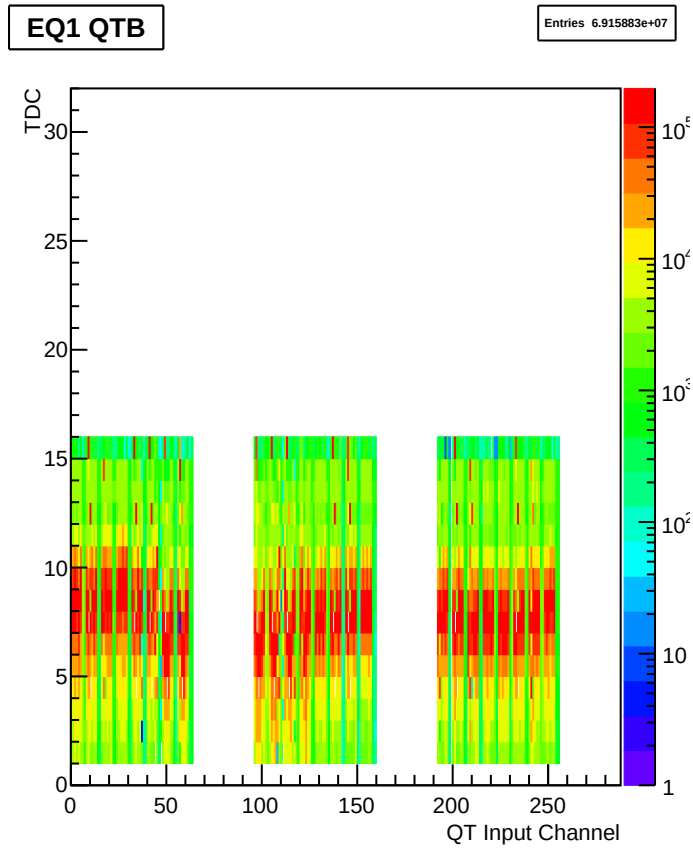

BBQ-VP001 East
Entries 1.146949e+07
ADC
QT Input Channel

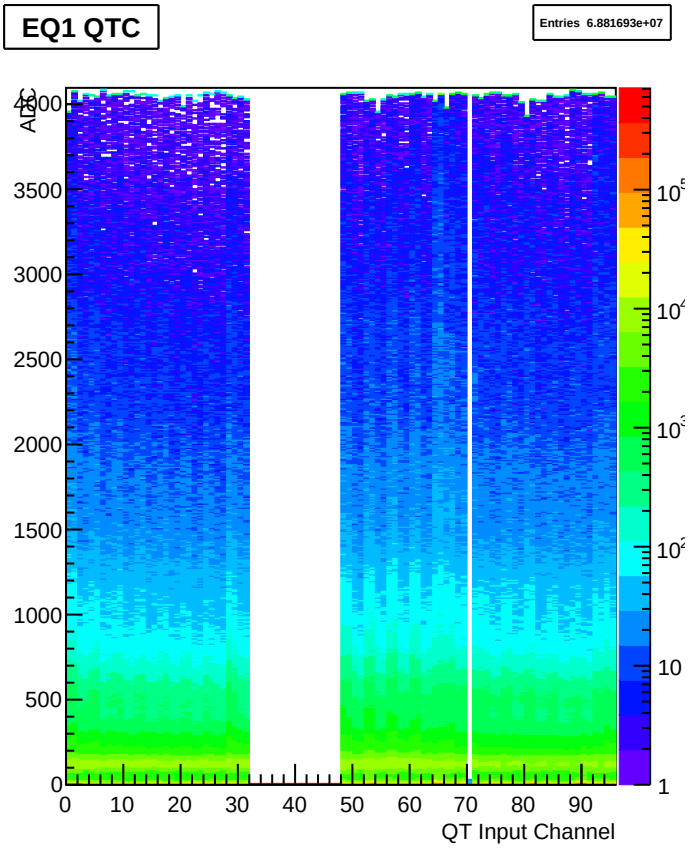

BBQ-VP001 East
Entries 1.146949e+07
TADC
QT Input Channel

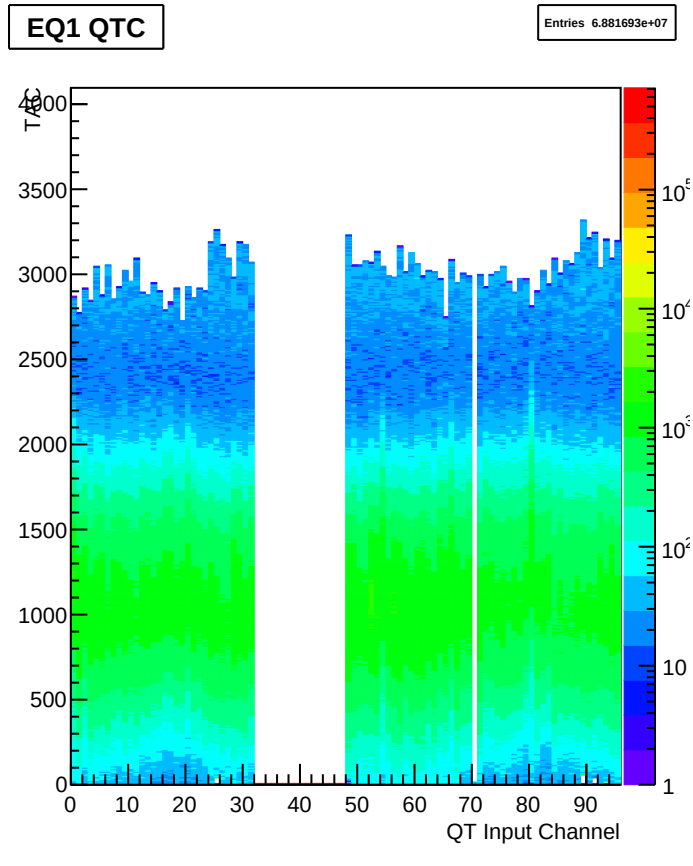

BBQ-VP002 West
Entries 1.146949e+07
ADC
QT Input Channel

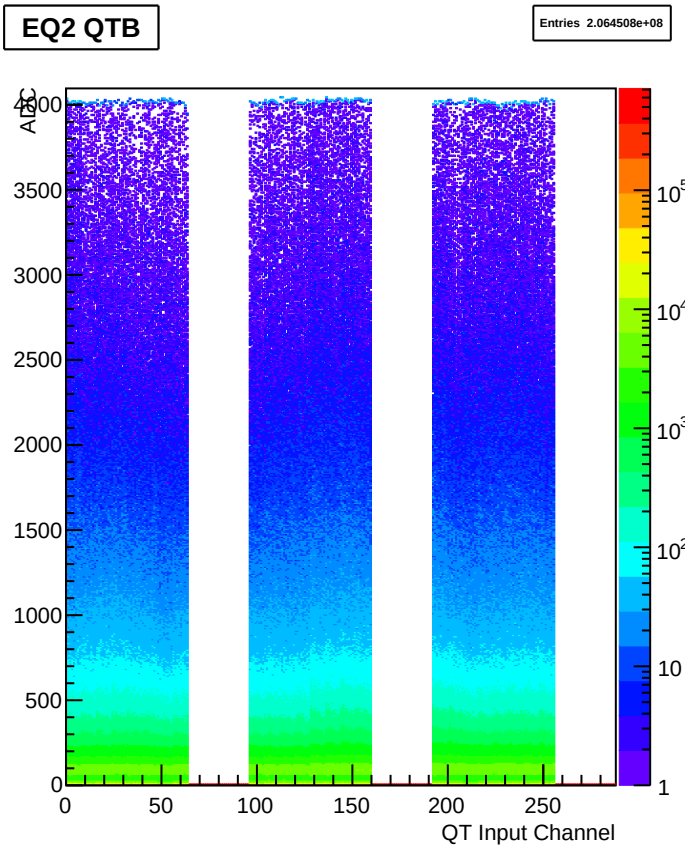

BBQ-VP002 West
Entries 1.146949e+07
TADC
QT Input Channel

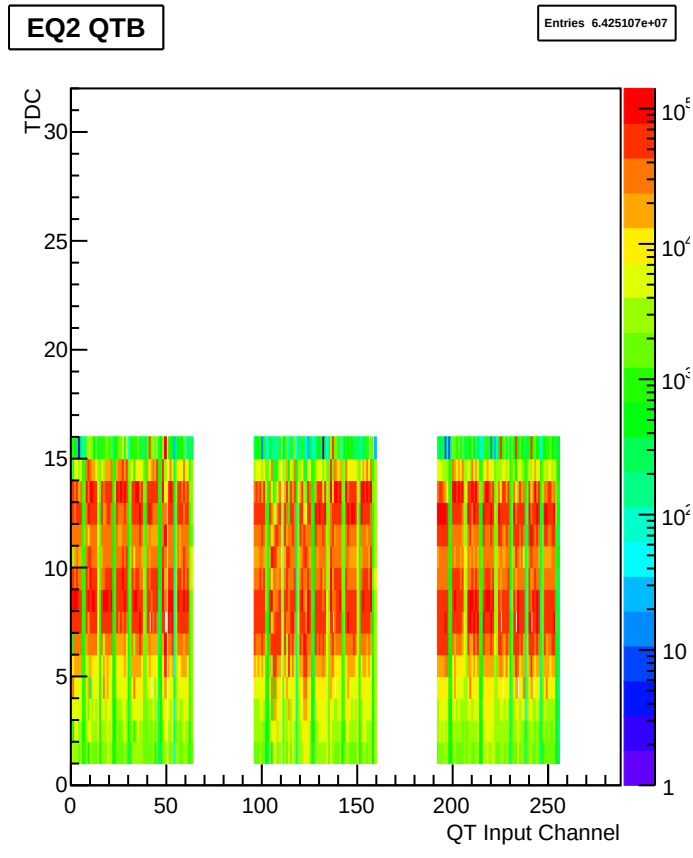

EQ1 QTB
Entries 2.064508e+08
ADC
QT Input Channel

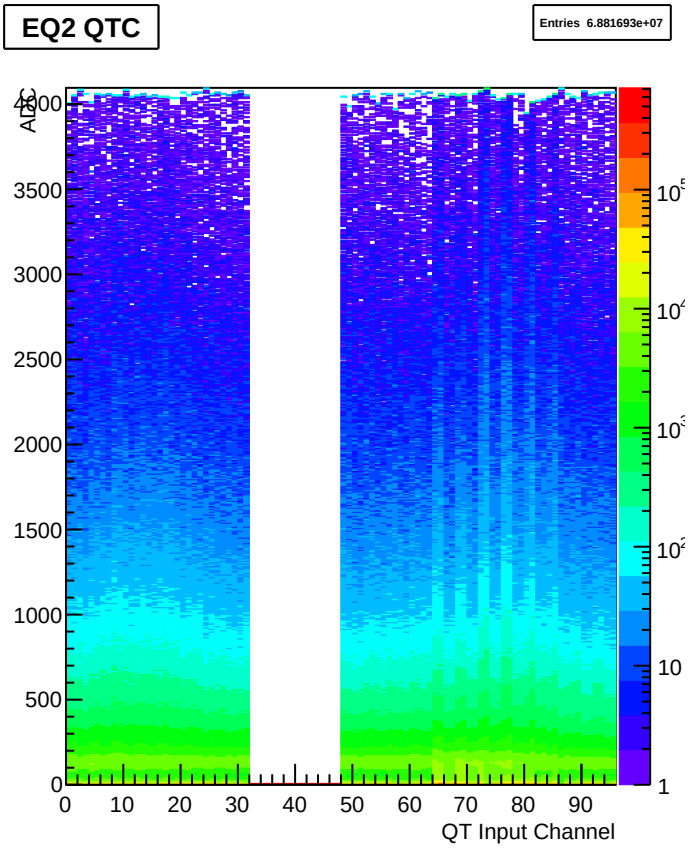

EQ1 QTB
Entries 6.915883e+07
TDC
QT Input Channel

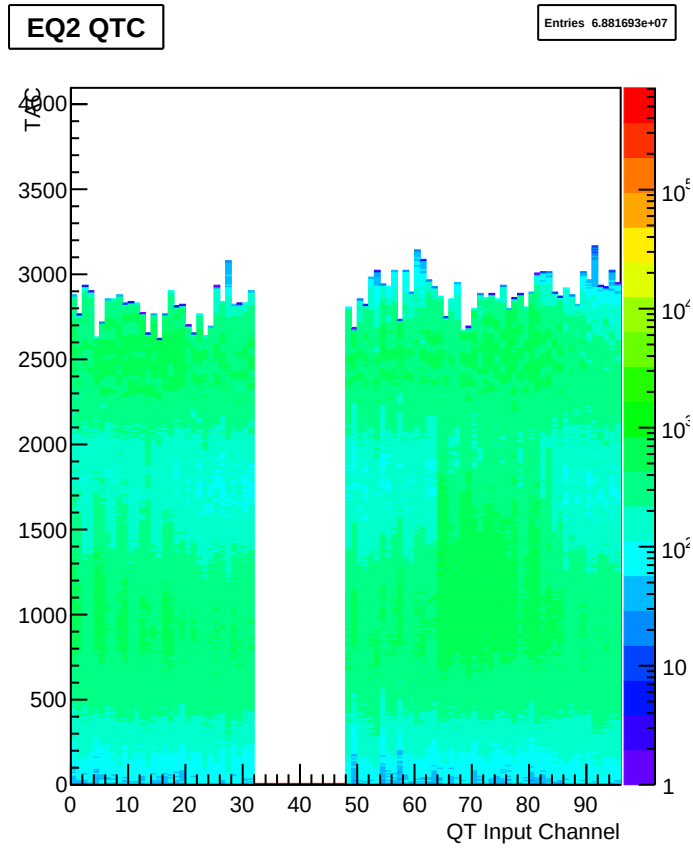

EQ1 QTC
Entries 6.881693e+07
ADC
QT Input Channel

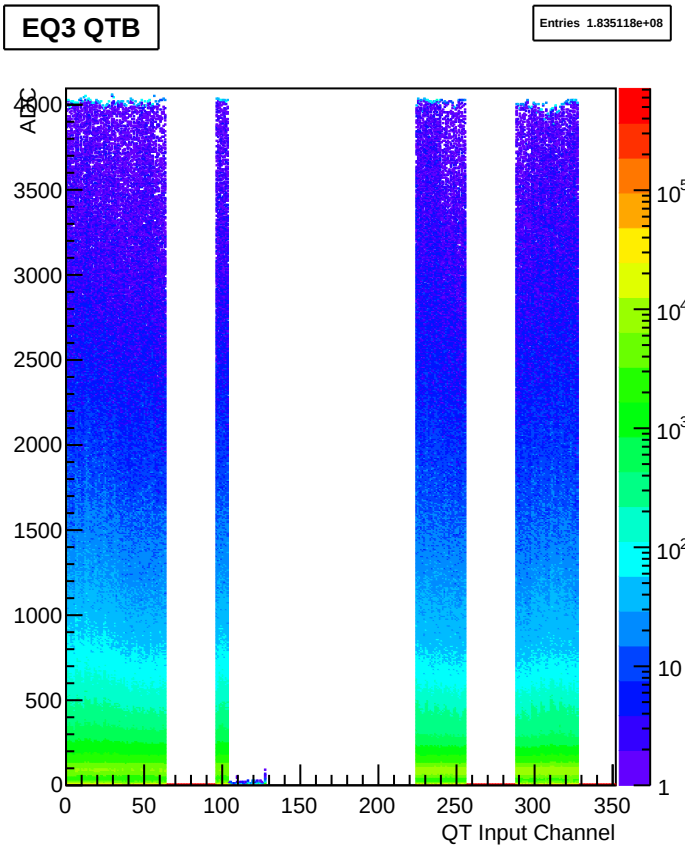

EQ1 QTC
Entries 6.881693e+07
TADC
QT Input Channel

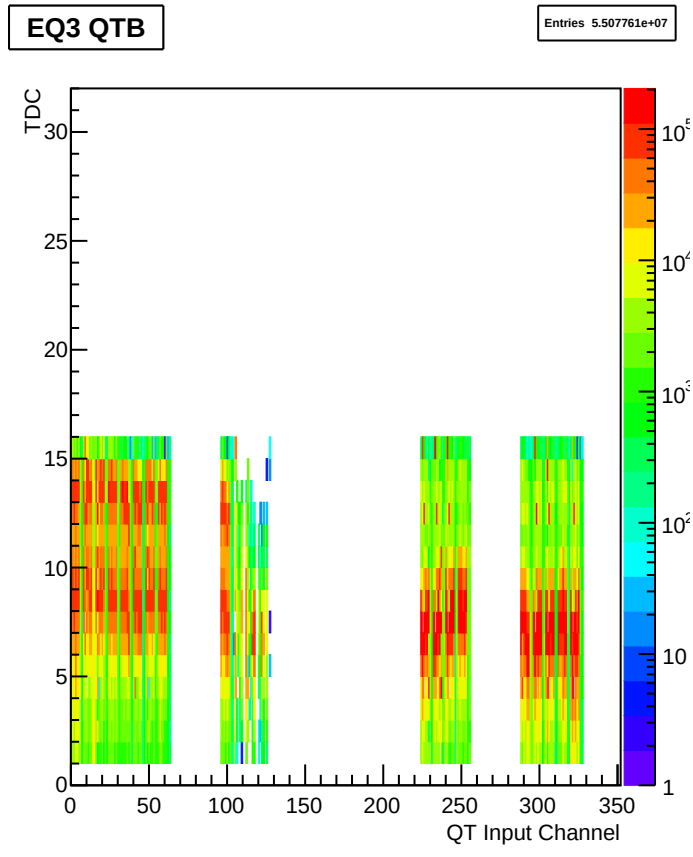

EQ2 QTB
Entries 2.064508e+08
ADC
QT Input Channel

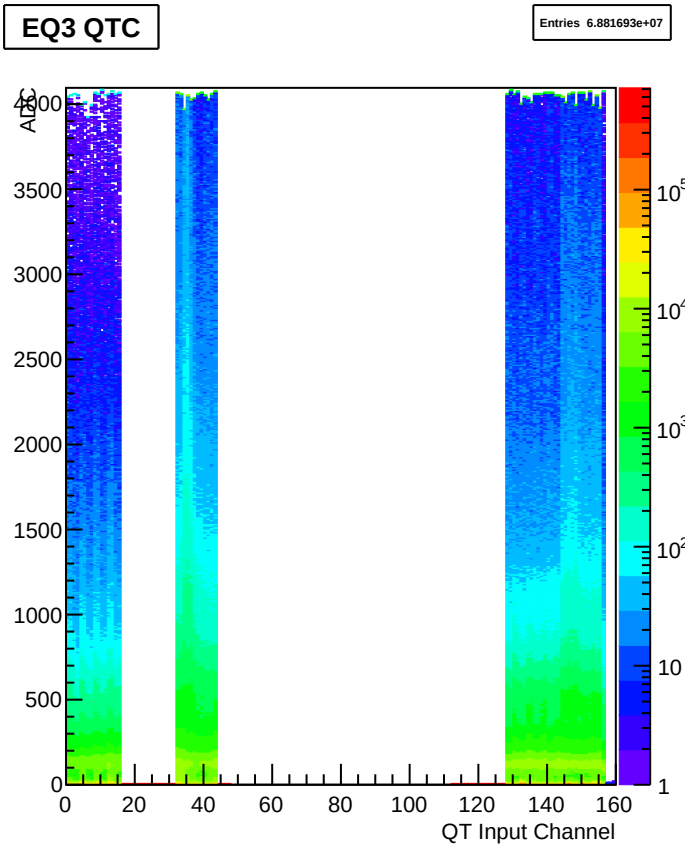

EQ2 QTB
Entries 6.425107e+07
TDC
QT Input Channel

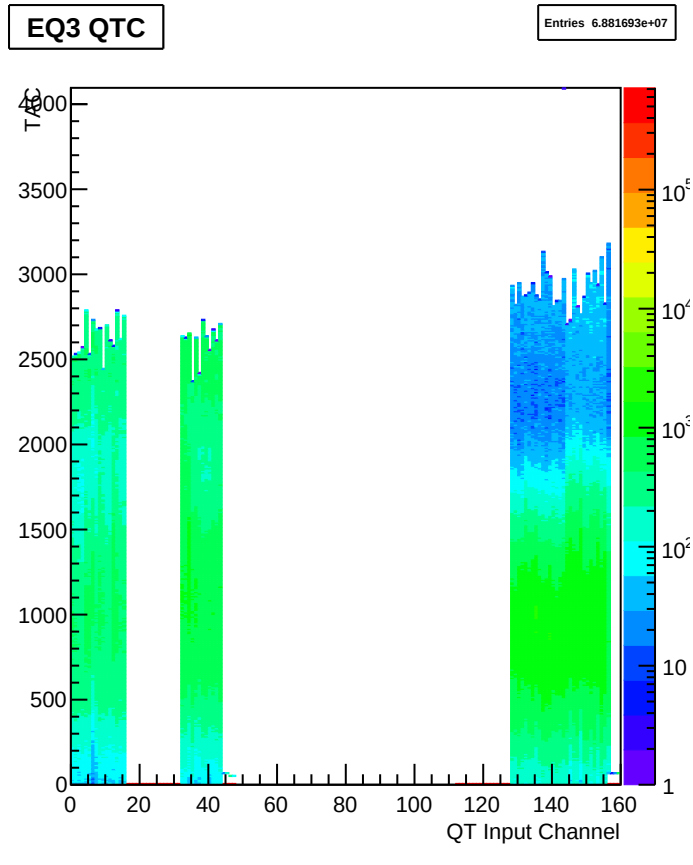

EQ2 QTC
Entries 6.881693e+07
ADC
QT Input Channel

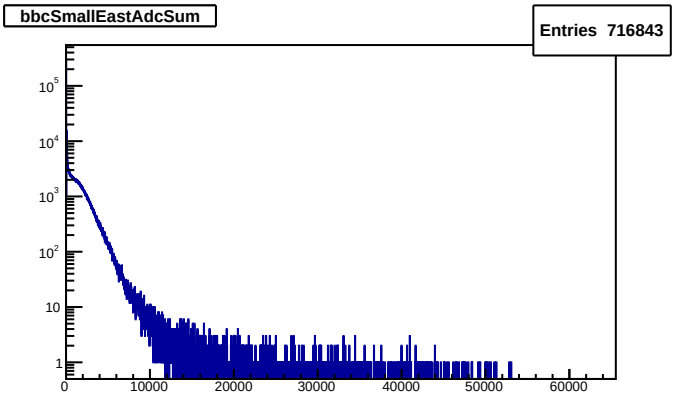

EQ2 QTC
Entries 6.881693e+07
TADC
QT Input Channel

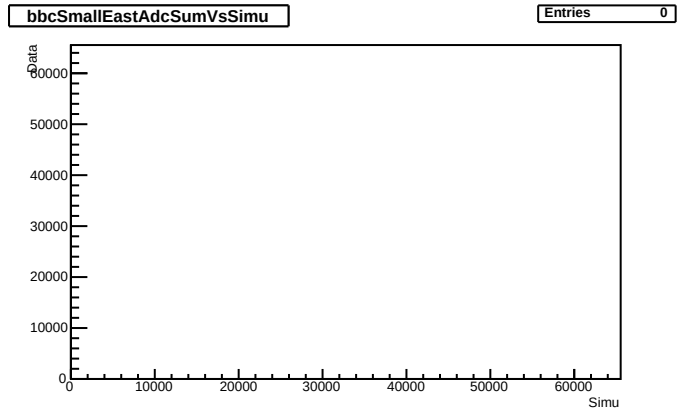

EQ3 QTB
Entries 1.835118e+08
ADC
QT Input Channel

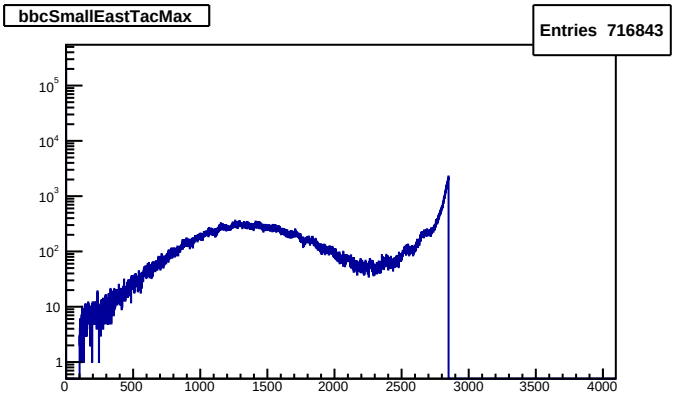

EQ3 QTB
Entries 5.507761e+07
TDC
QT Input Channel

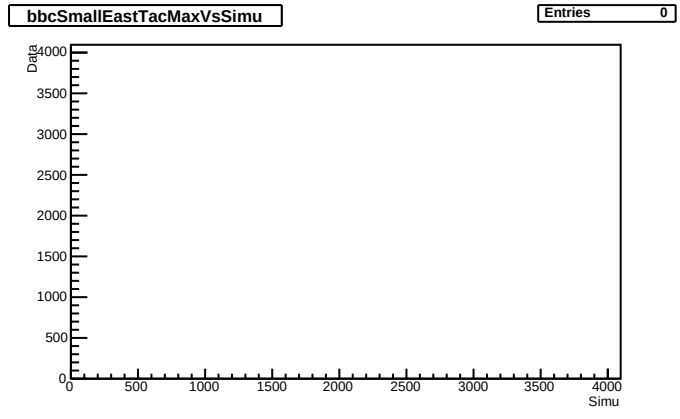

EQ3 QTC
Entries 6.881693e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.881693e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 716843


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 716843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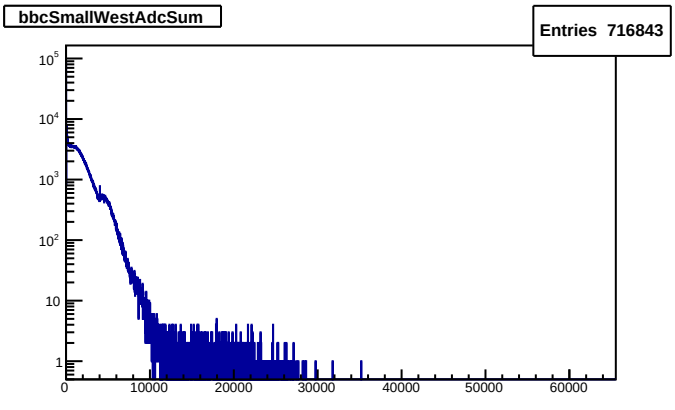
Entries 0
Data
Simu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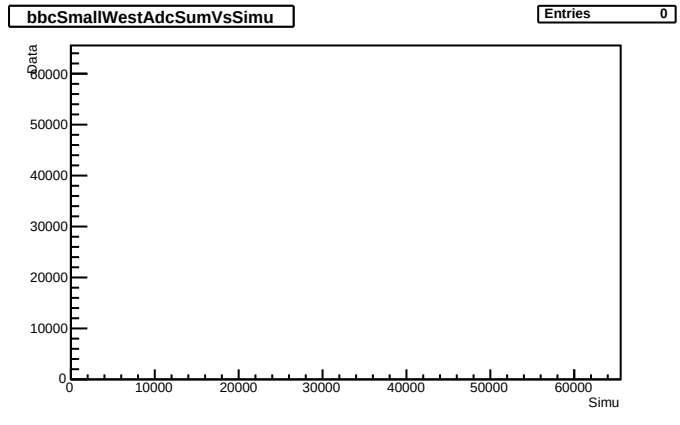
Entries 716843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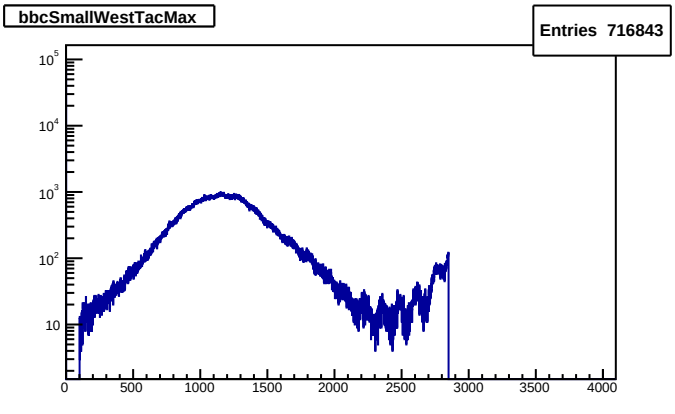
Entries 0
Data
Simu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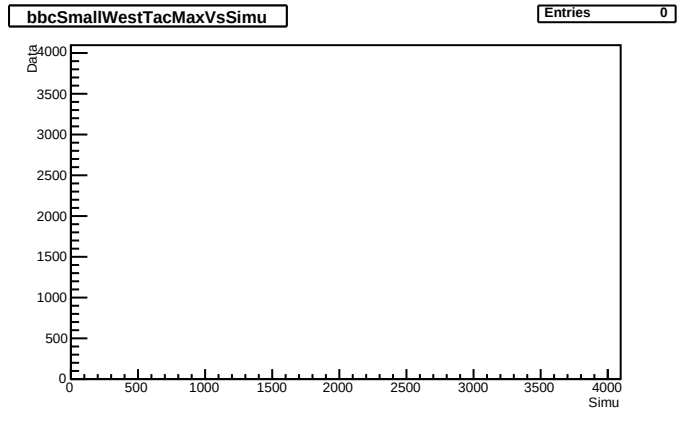
Entries 716843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Entries 0
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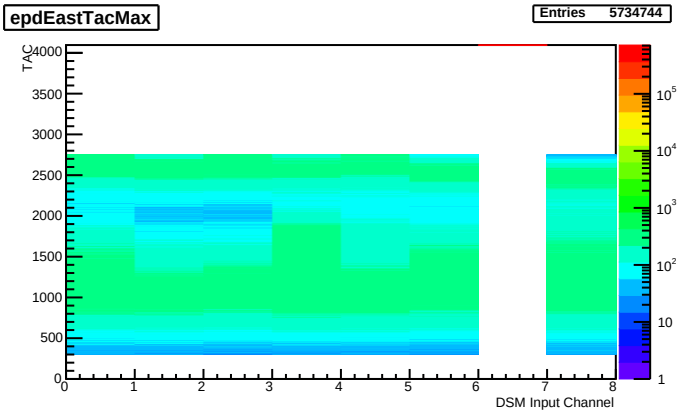
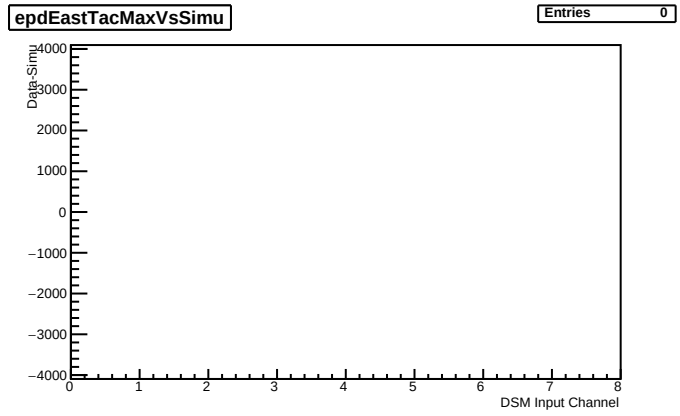
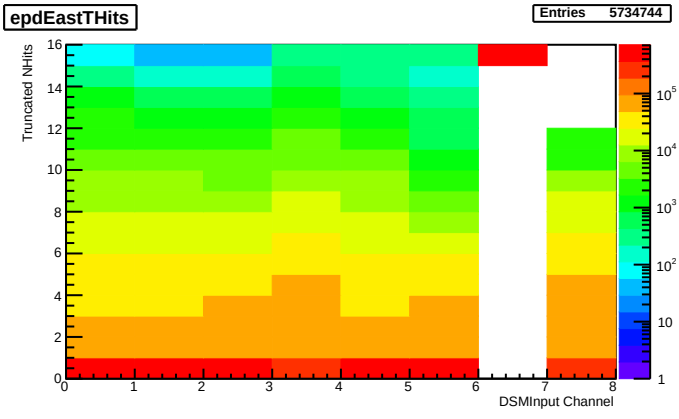
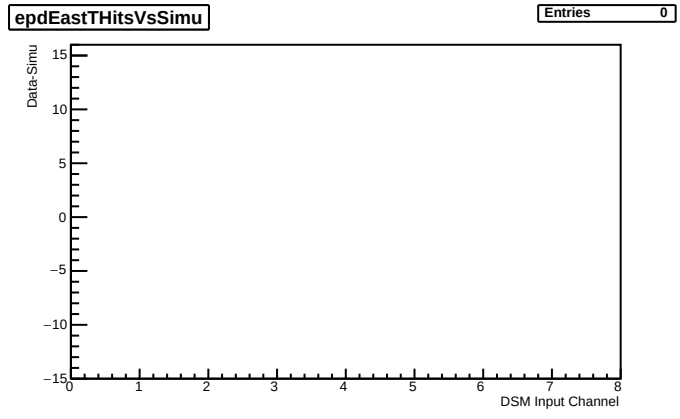
Simu


epdEastTacMax
Entries 5734744
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5734744
Truncated NHits
DSMInput Channel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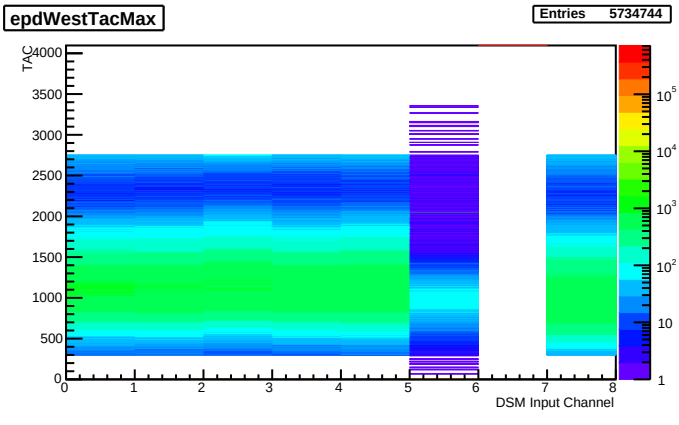
Data-Simu
DSM Input Channel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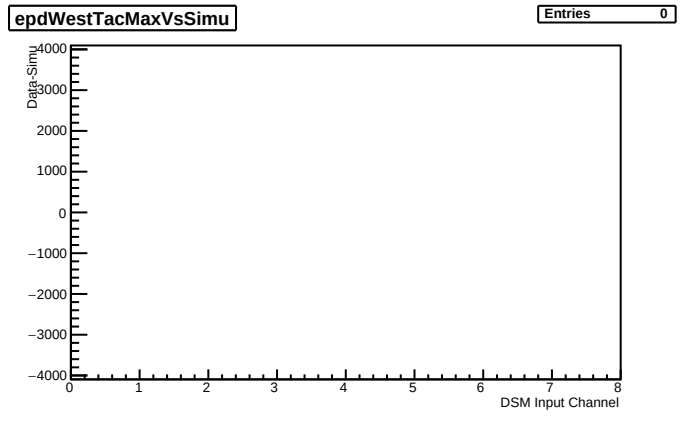
Entries 5734744
TAC
DSM Input Channel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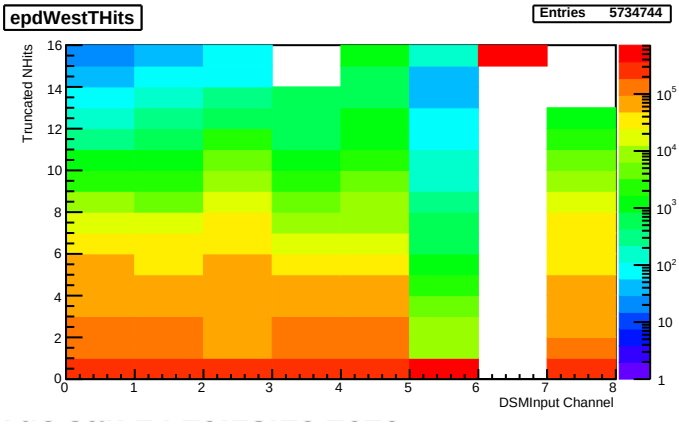
DSM Input Channel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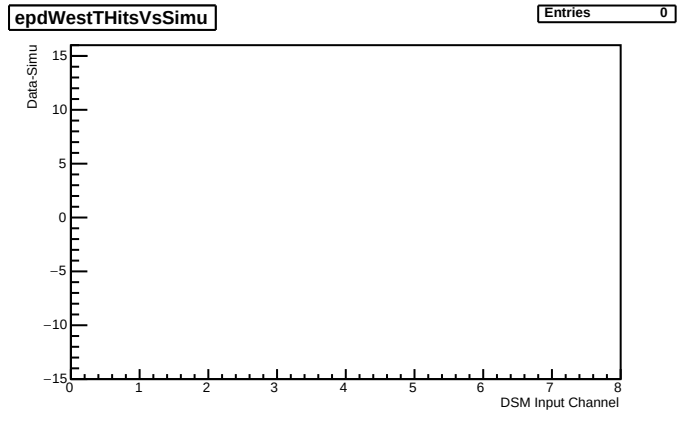
Entries 5734744
Truncated NHits
DSMInput Channel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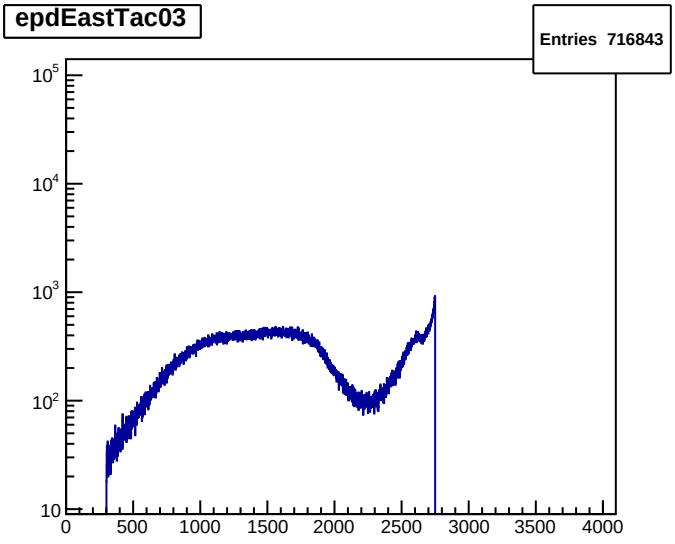
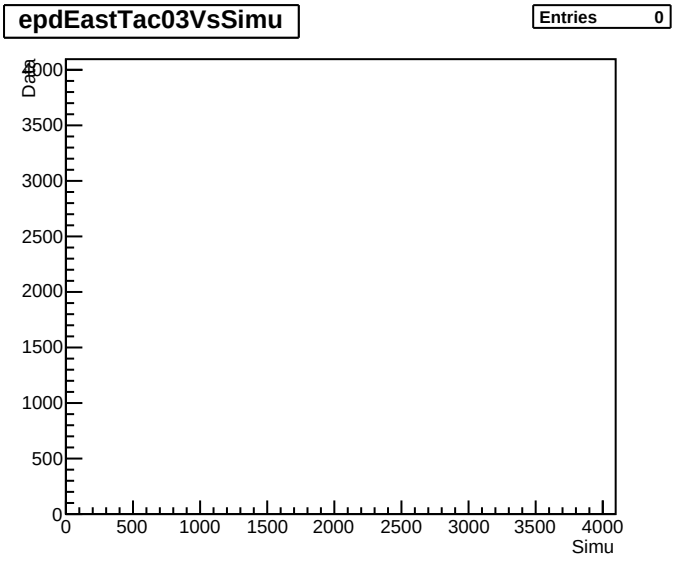
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 716843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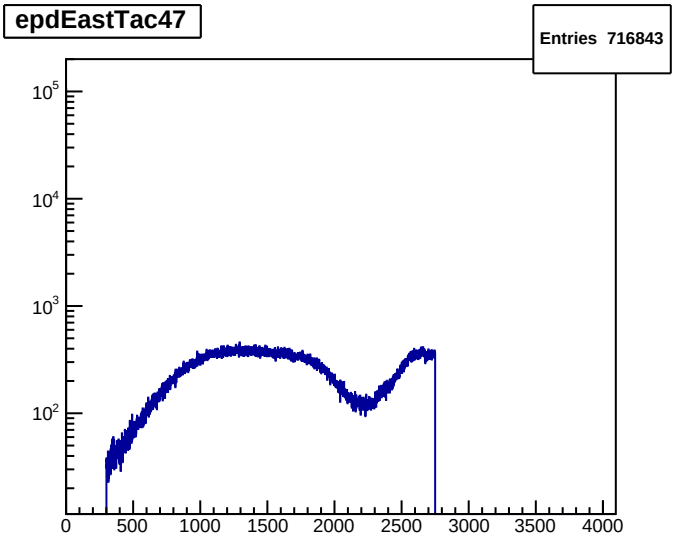
Entries 0
Data
Simu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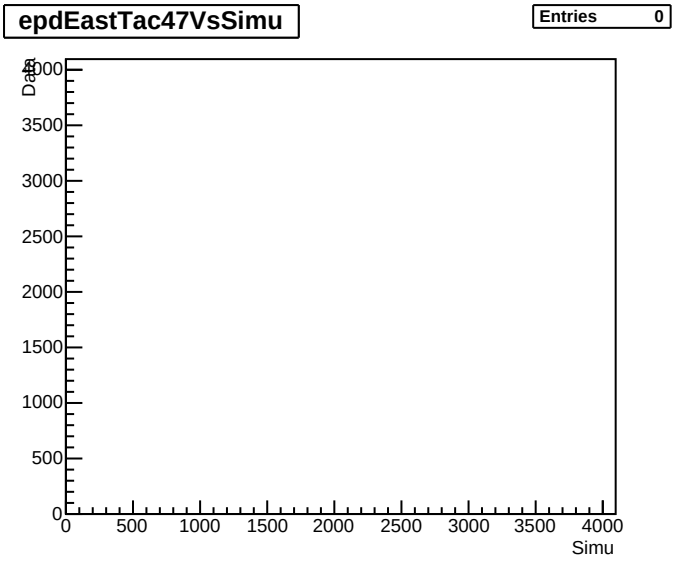
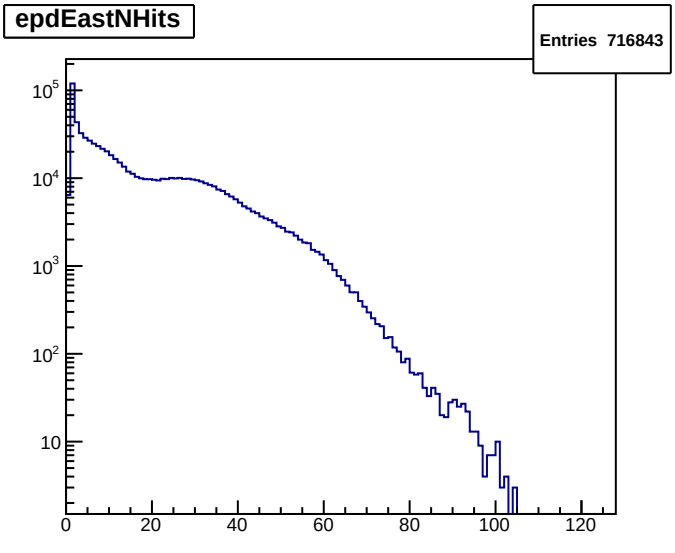
Entries 716843


epdEastTac47VsSimu
Entries 0
Data
Simu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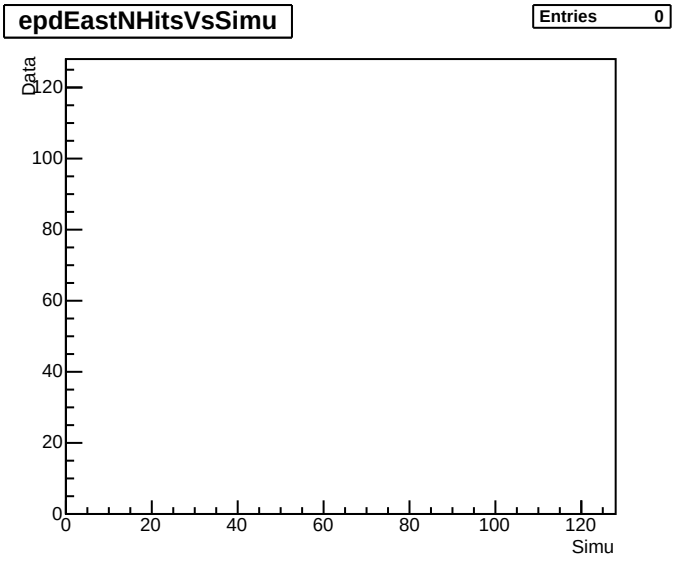
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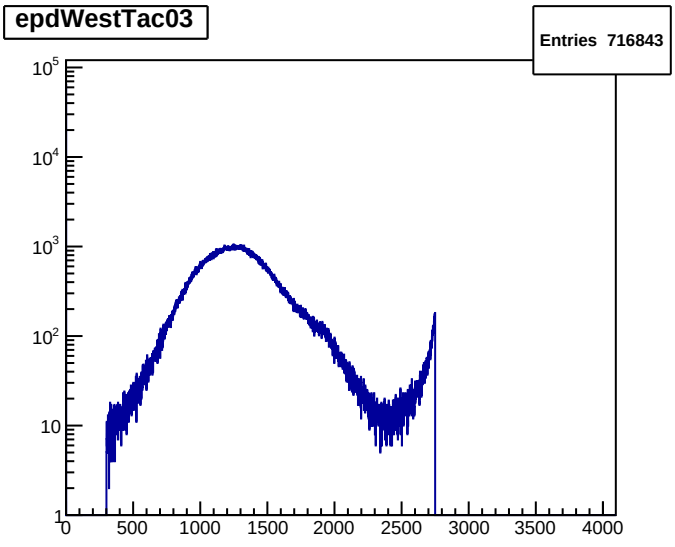
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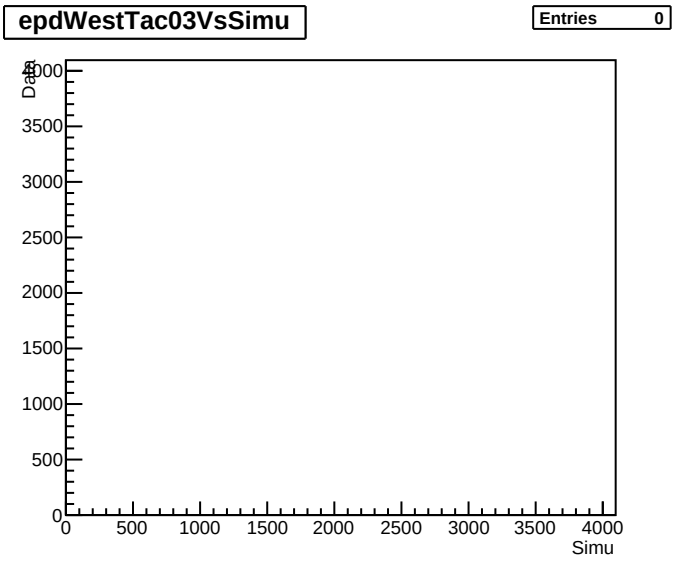
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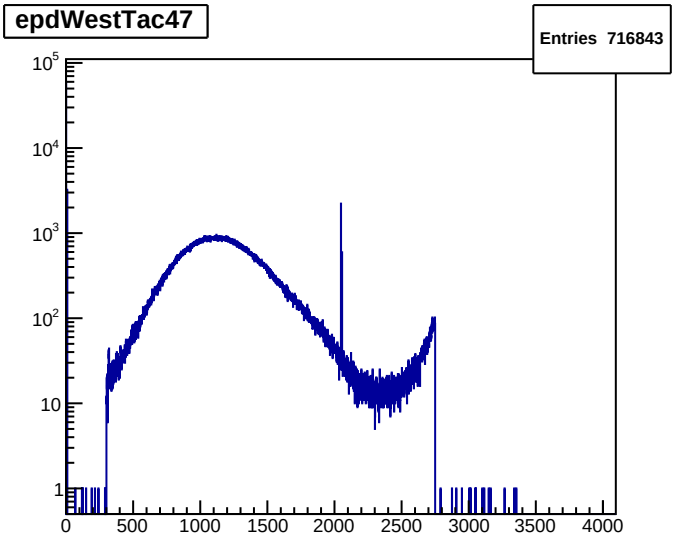
Entries 0
Data
Simu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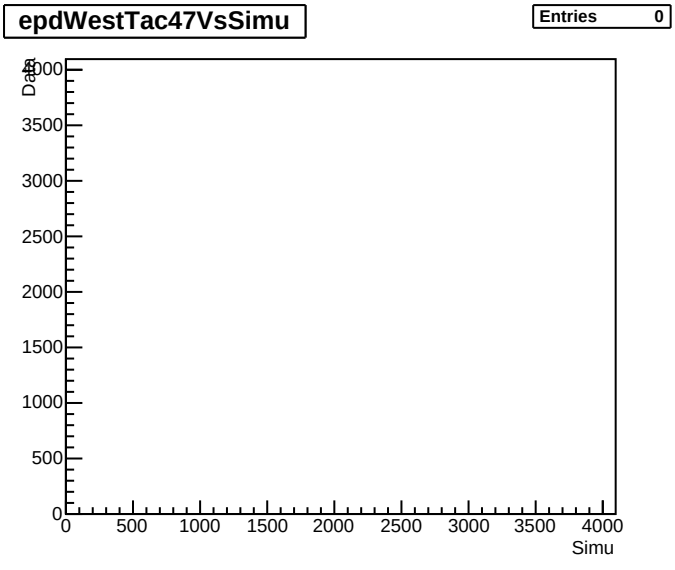
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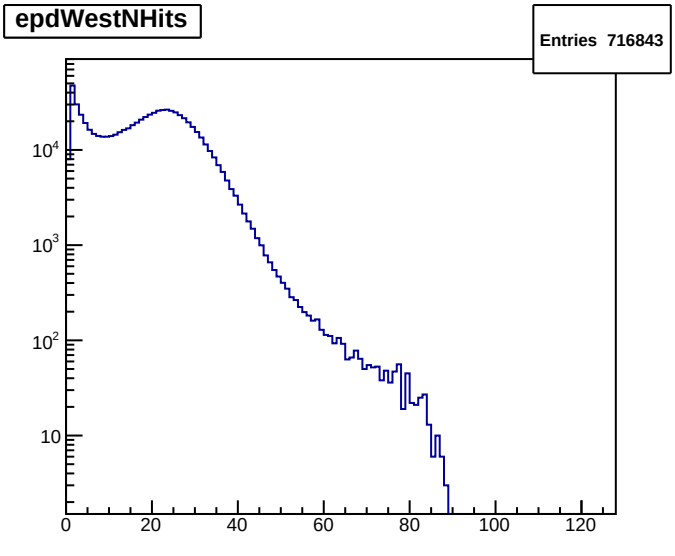
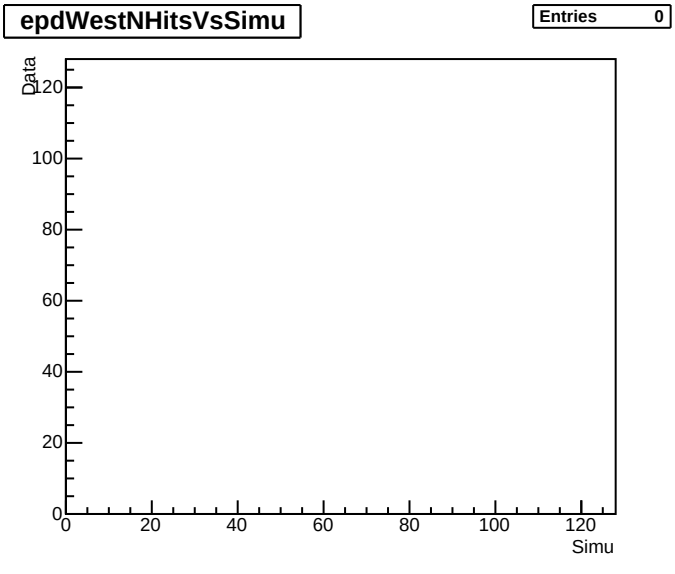
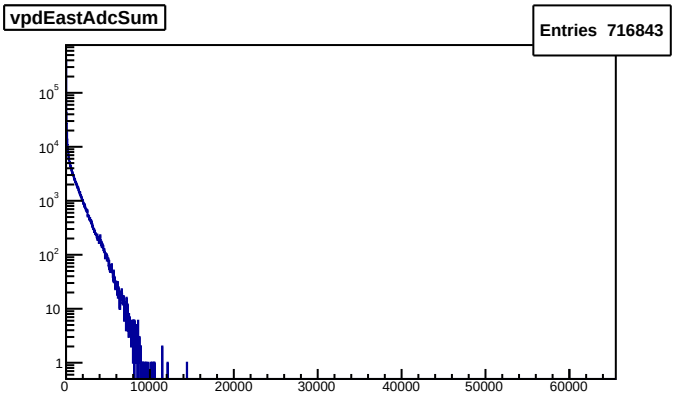
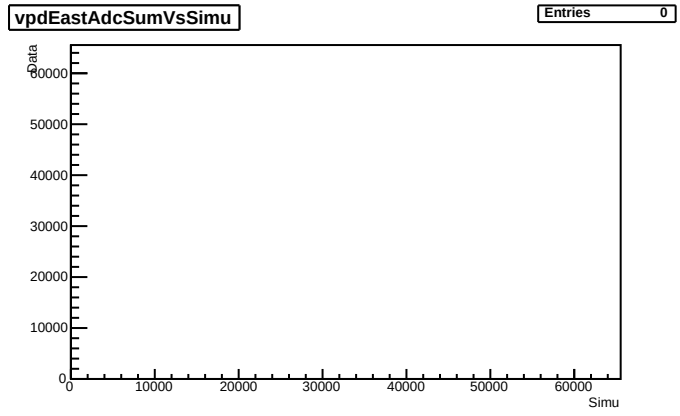
Entries 0
Data
Simu


epdWestNHits
Entries 716843


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 716843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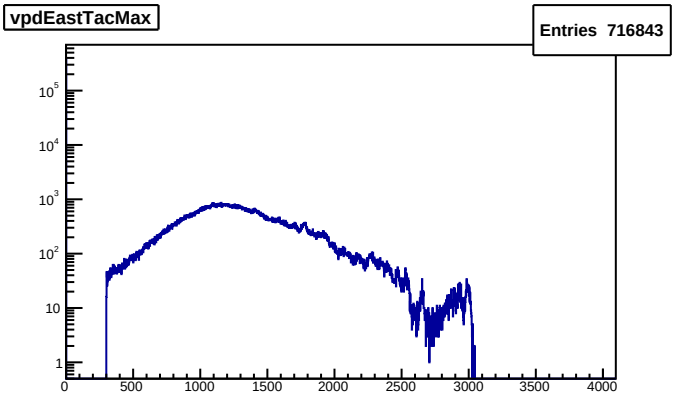
Entries 0
Data
Simu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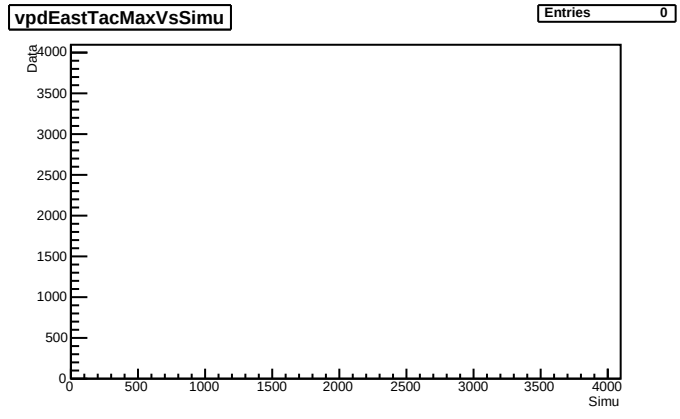
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Entries 0
Data
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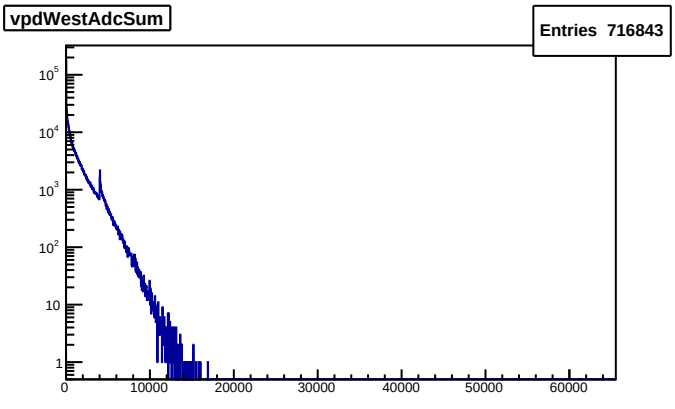
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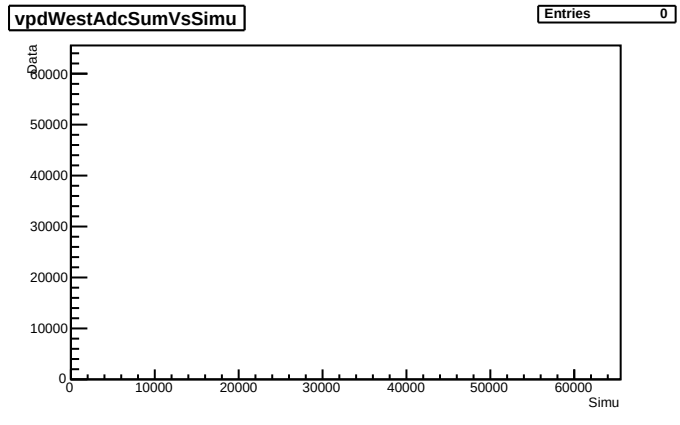
Entries 716843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Entries 0
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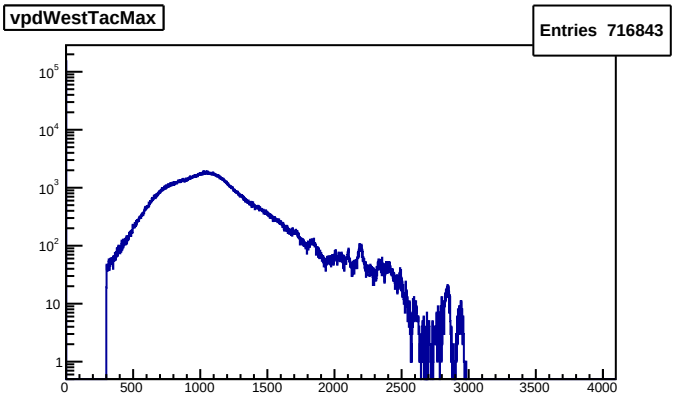
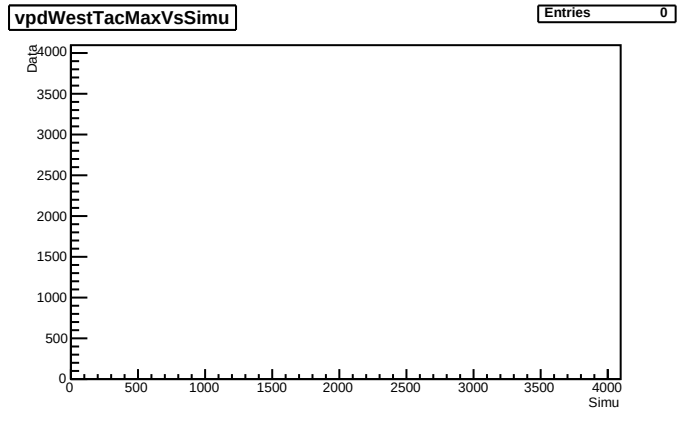
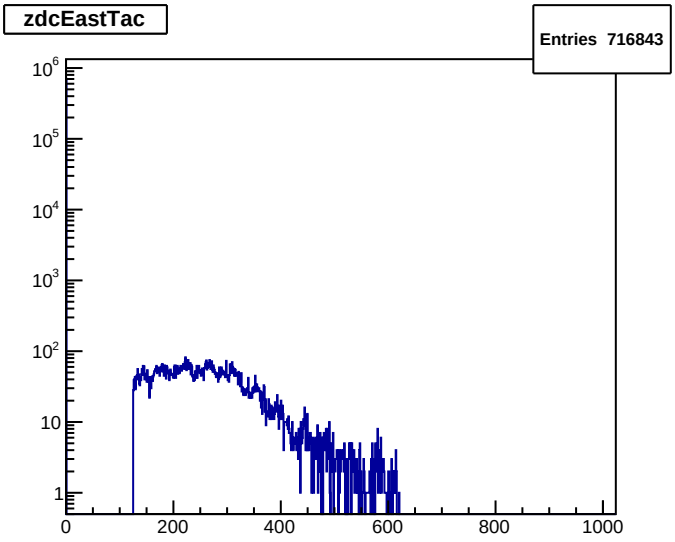
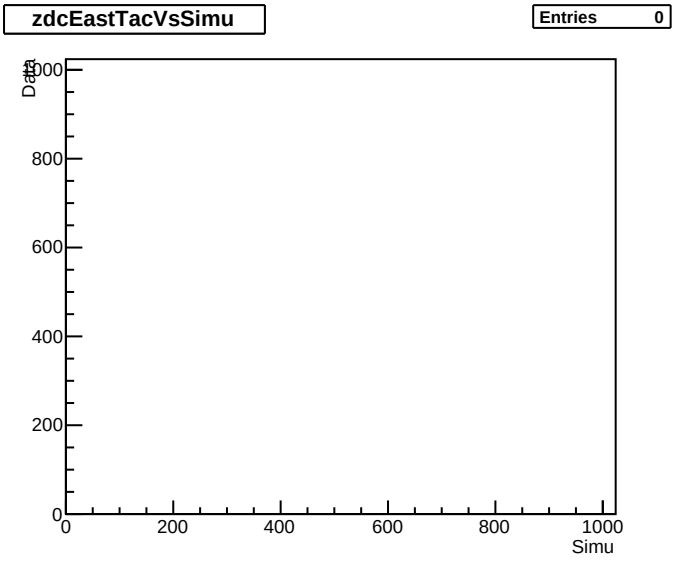
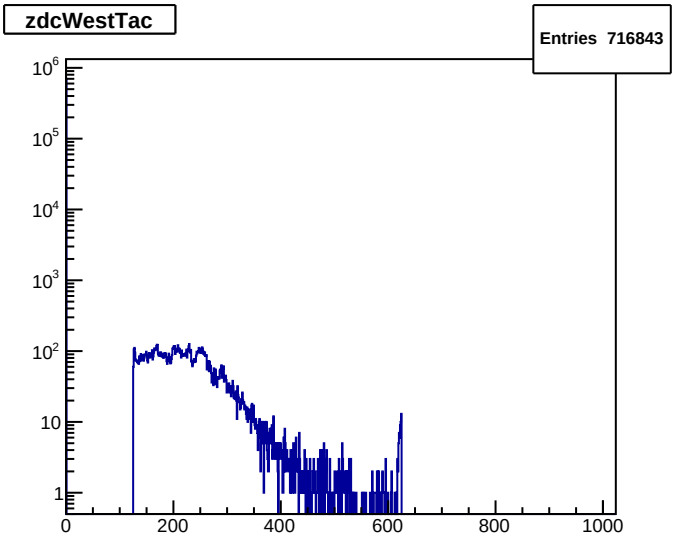
Simu

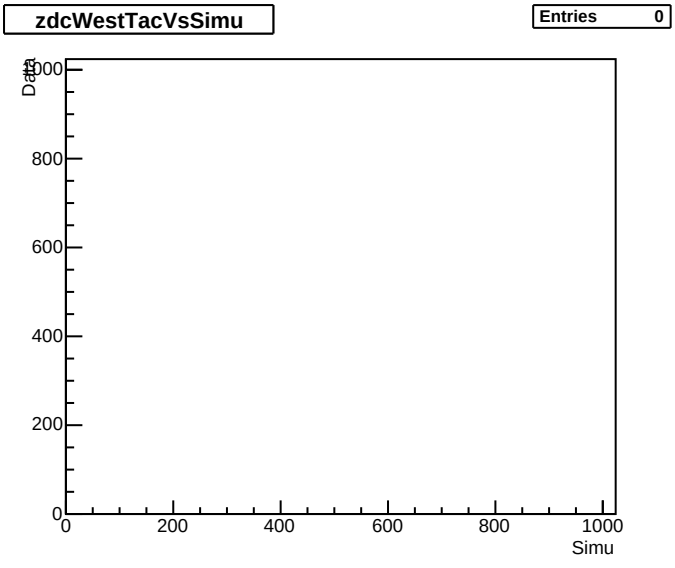

vpdWestTacMax
Entries 716843

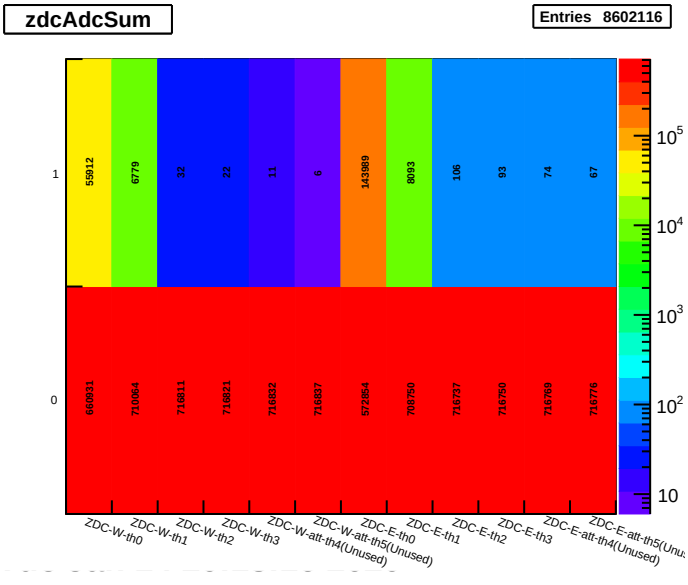

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

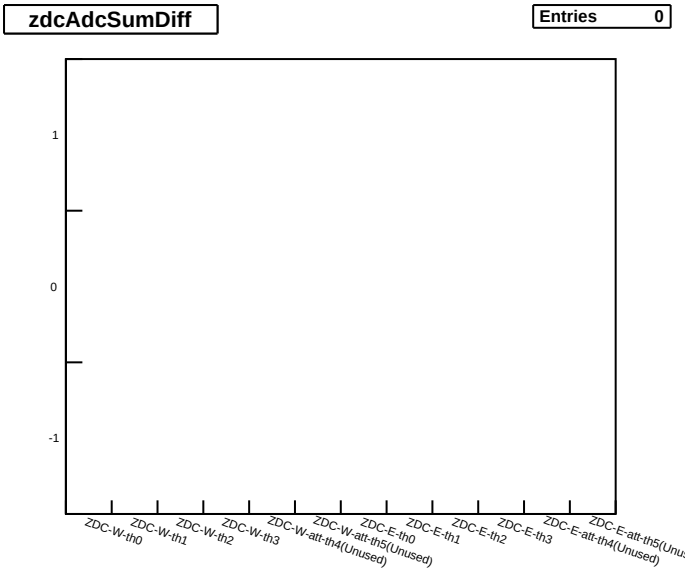

zdcEastTac
Entries 716843

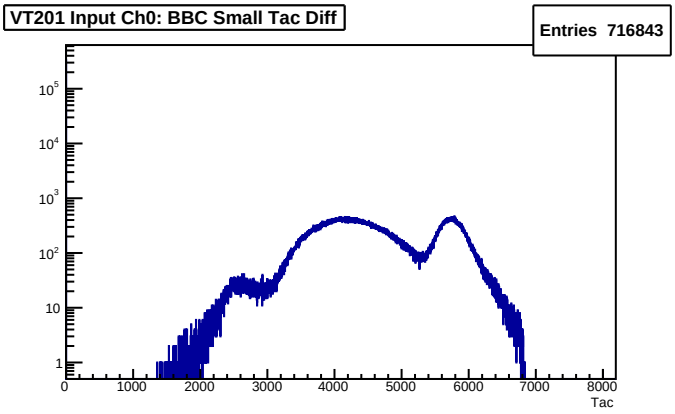

zdcEastTacVsSimu
Entries 0
Data
Simu

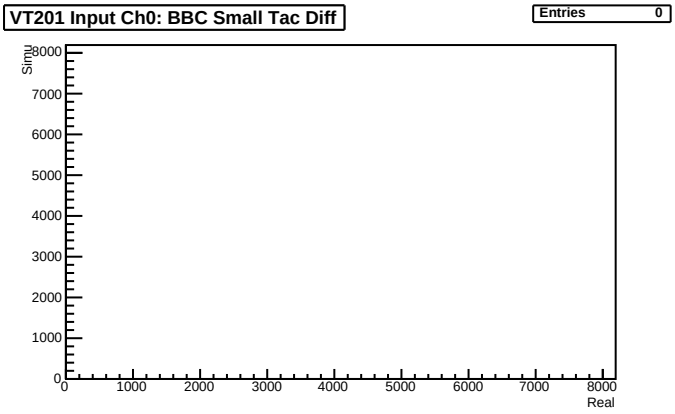

zdcWestTac
Entries 716843

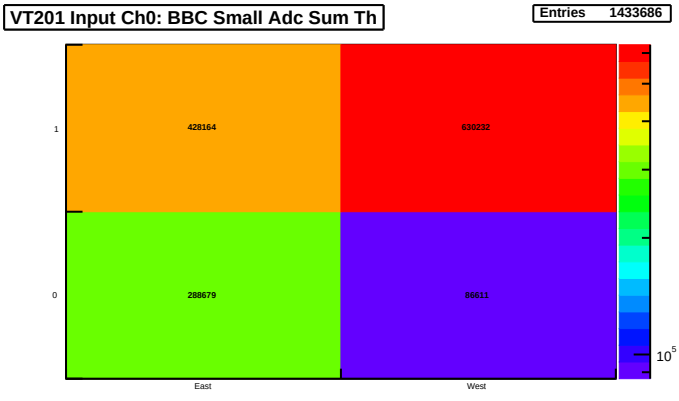

zdcWestTacVsSimu
Entries 0
Data
Simu

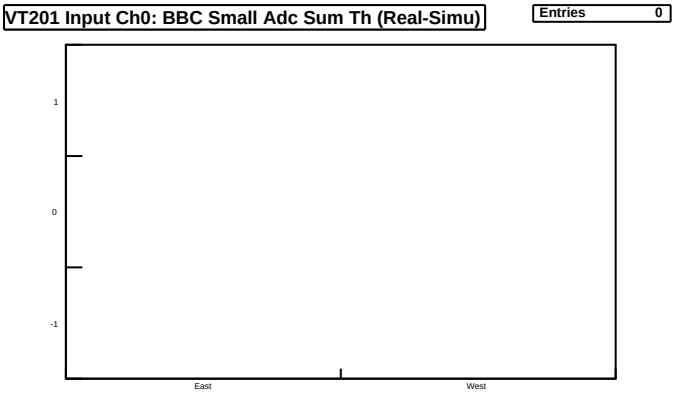

zdcAdcSum
Entries 8602116
55912
6779
32
22
11
6
143989
8093
106
93
74
67
660931
710064
716811
716821
716832
716837
572854
708750
716737
716750
716769
716776
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

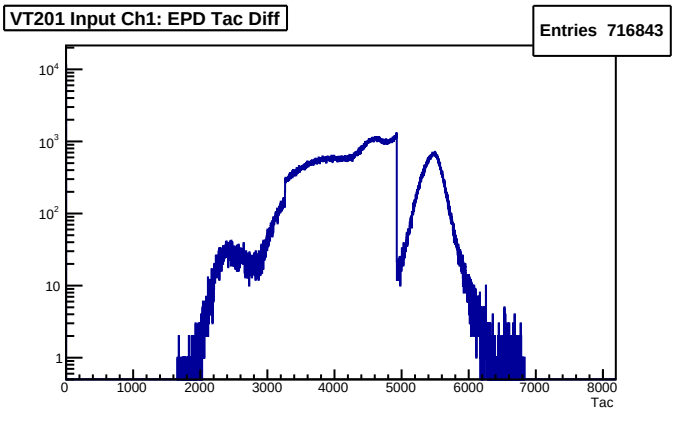

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

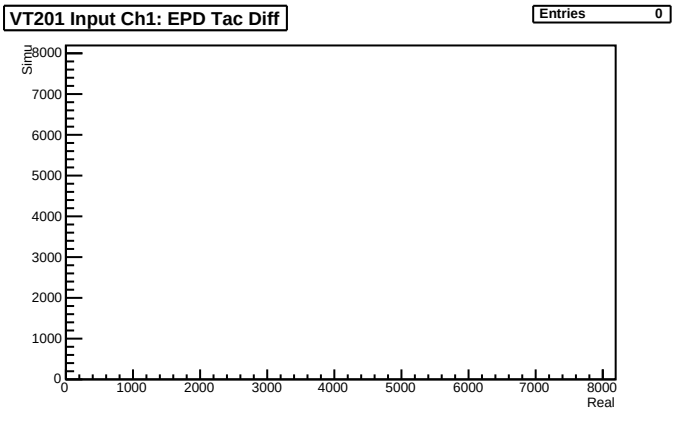

VT201 Input Ch0: BBC Small Tac Diff
Entries 716843
Tac

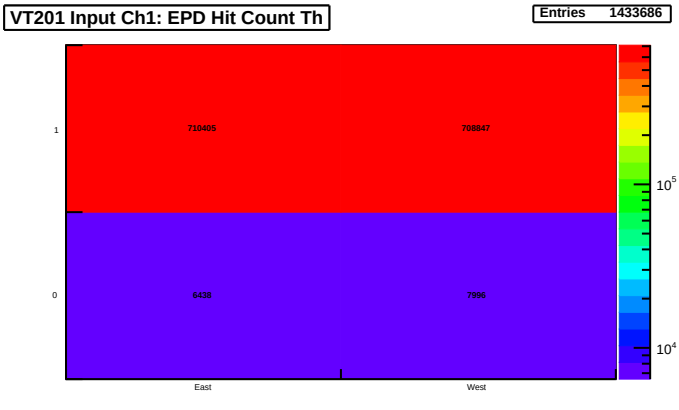

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

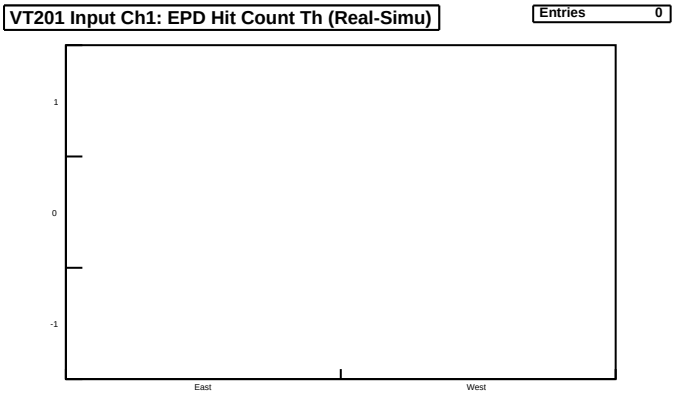

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1433686
428164
630232
288679
86611
East
West

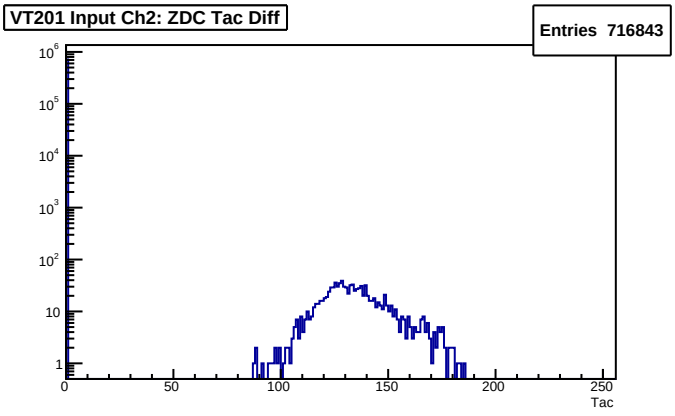

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

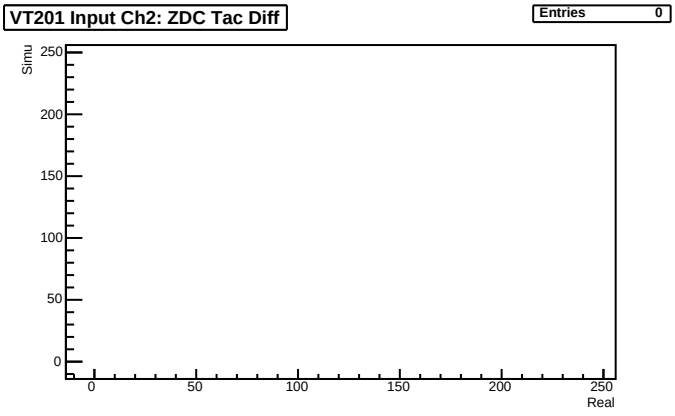

VT201 Input Ch1: EPD Tac Diff
Entries 716843
Tac

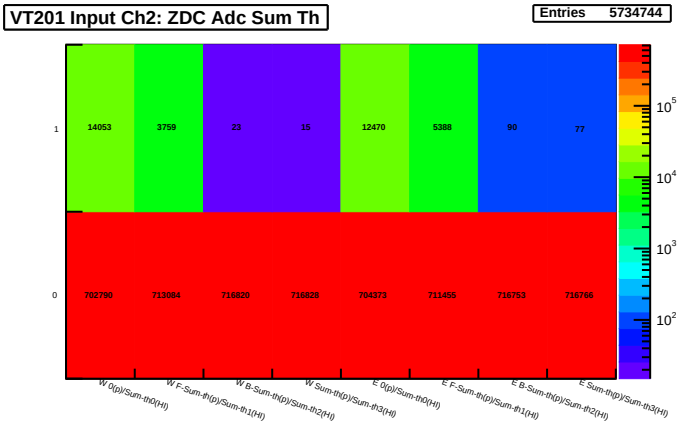

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

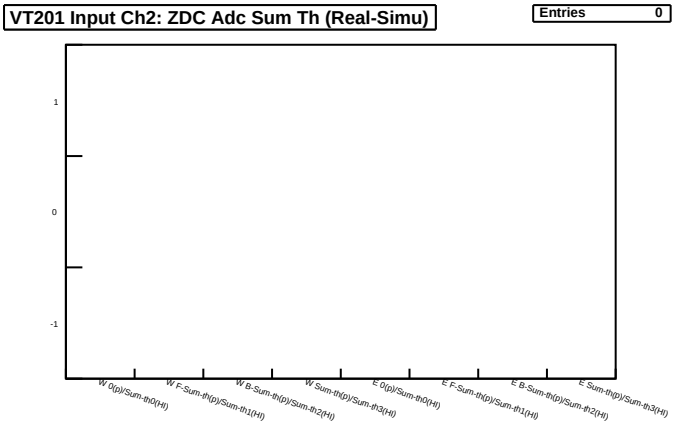

VT201 Input Ch1: EPD Hit Count Th
Entries 1433686
710405
708847
6438
7996
East
West

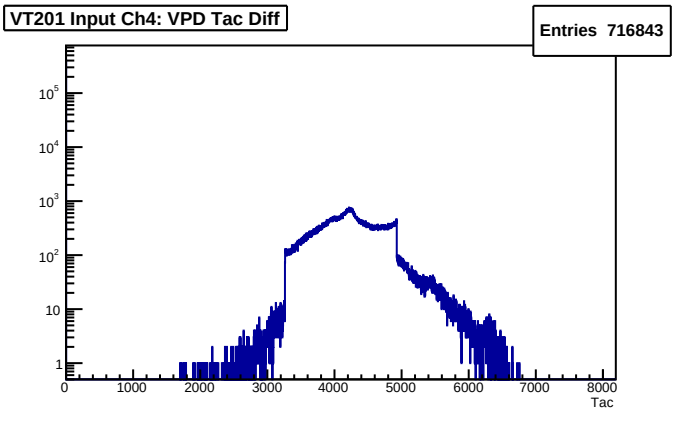

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

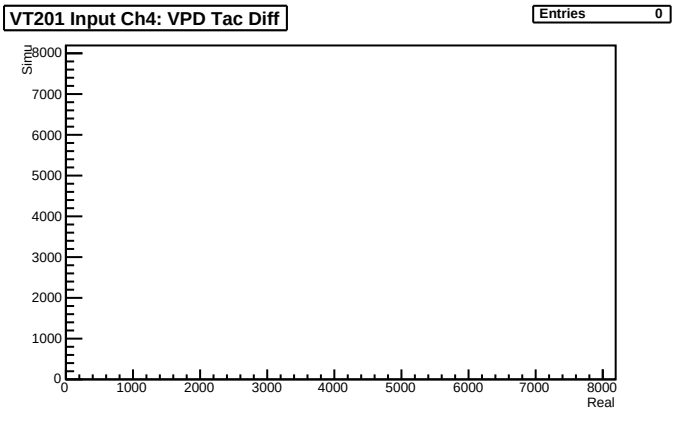

VT201 Input Ch2: ZDC Tac Diff
Entries 716843
Tac

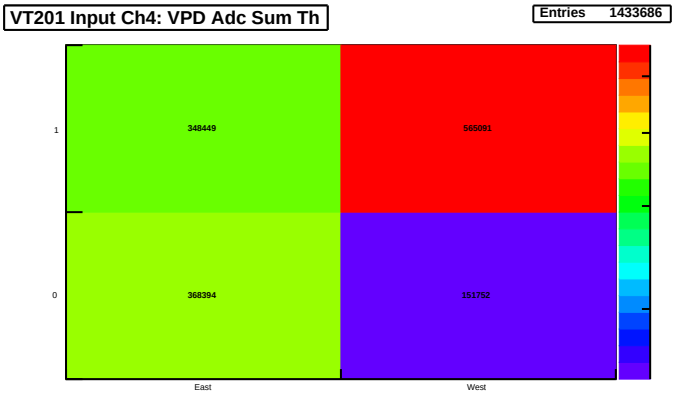

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

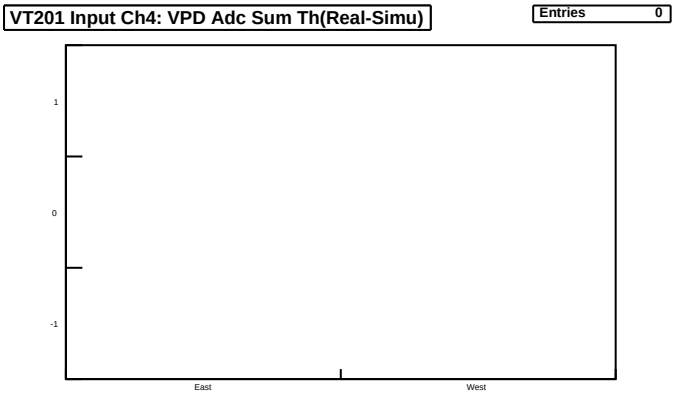

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5734744
14053
3759
23
15
12470
5388
90
77
702790
713084
716820
716828
704373
711455
716753
716766
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

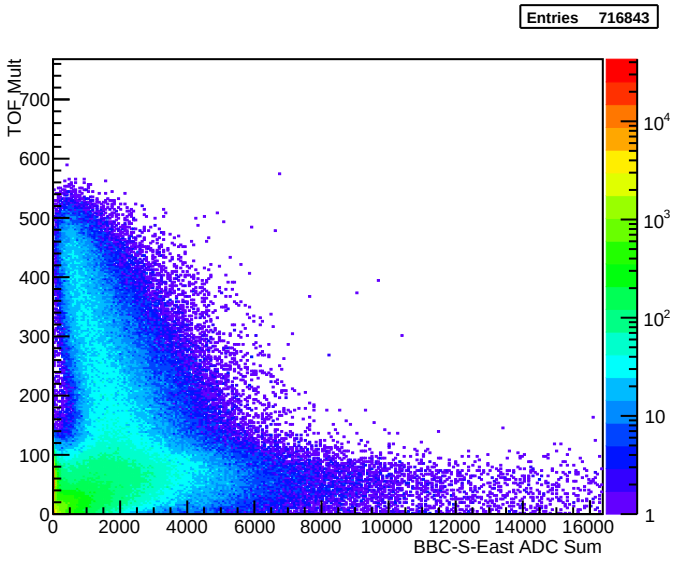

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

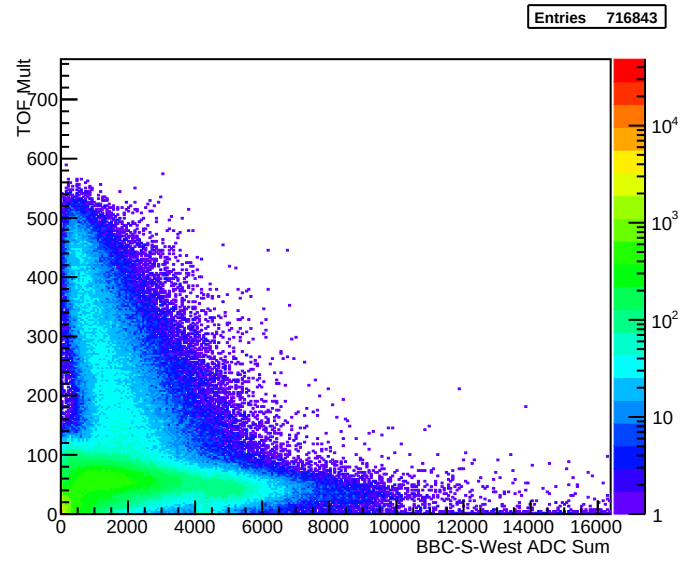

VT201 Input Ch4: VPD Tac Diff
Entries 716843
Tac

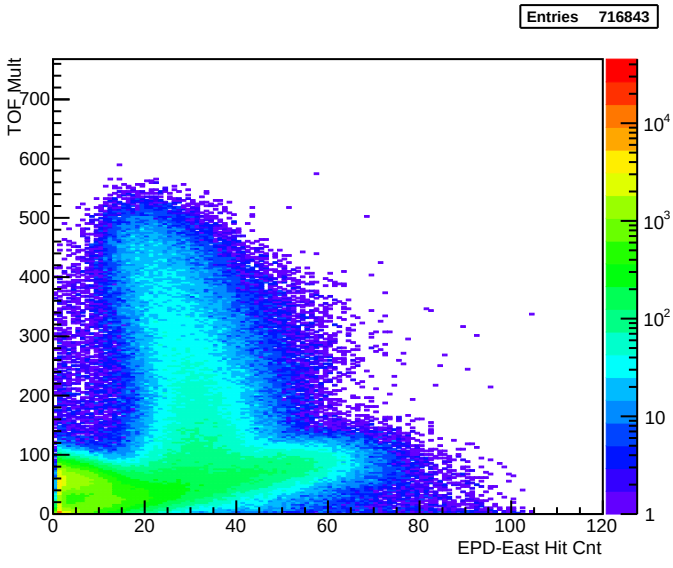

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

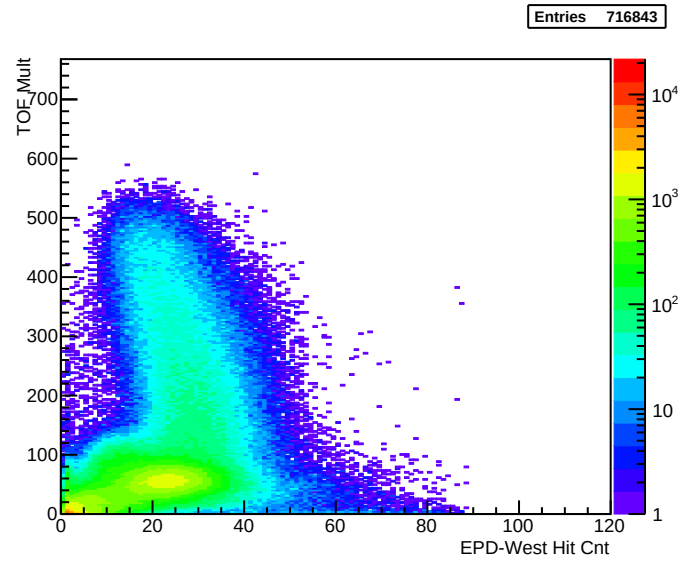

VT201 Input Ch4: VPD Adc Sum Th
Entries 1433686
348449
565091
368394
151752
East
West

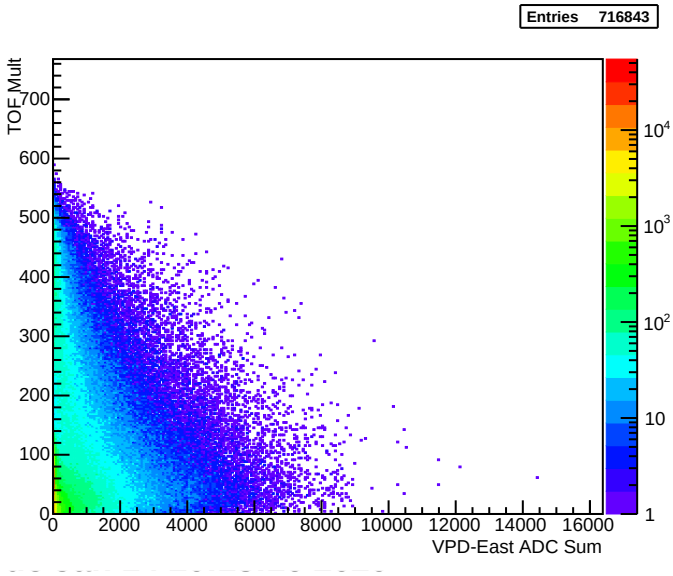

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

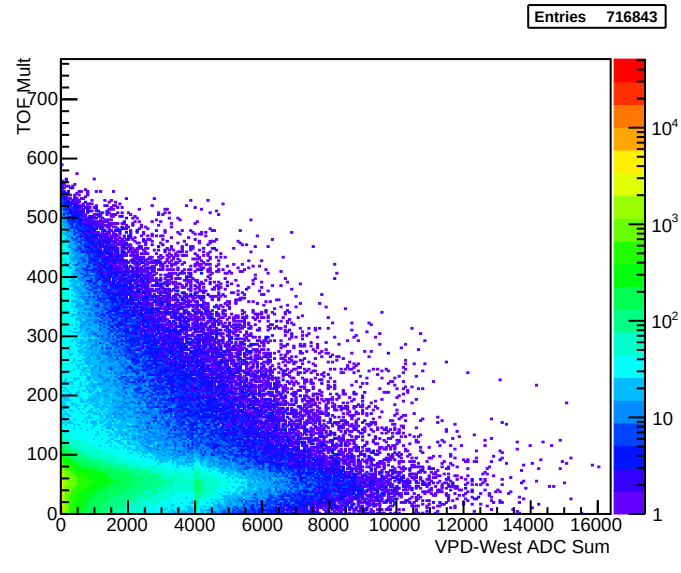

Entries 716843
TOF_Mult
BBC-S-East ADC Sum

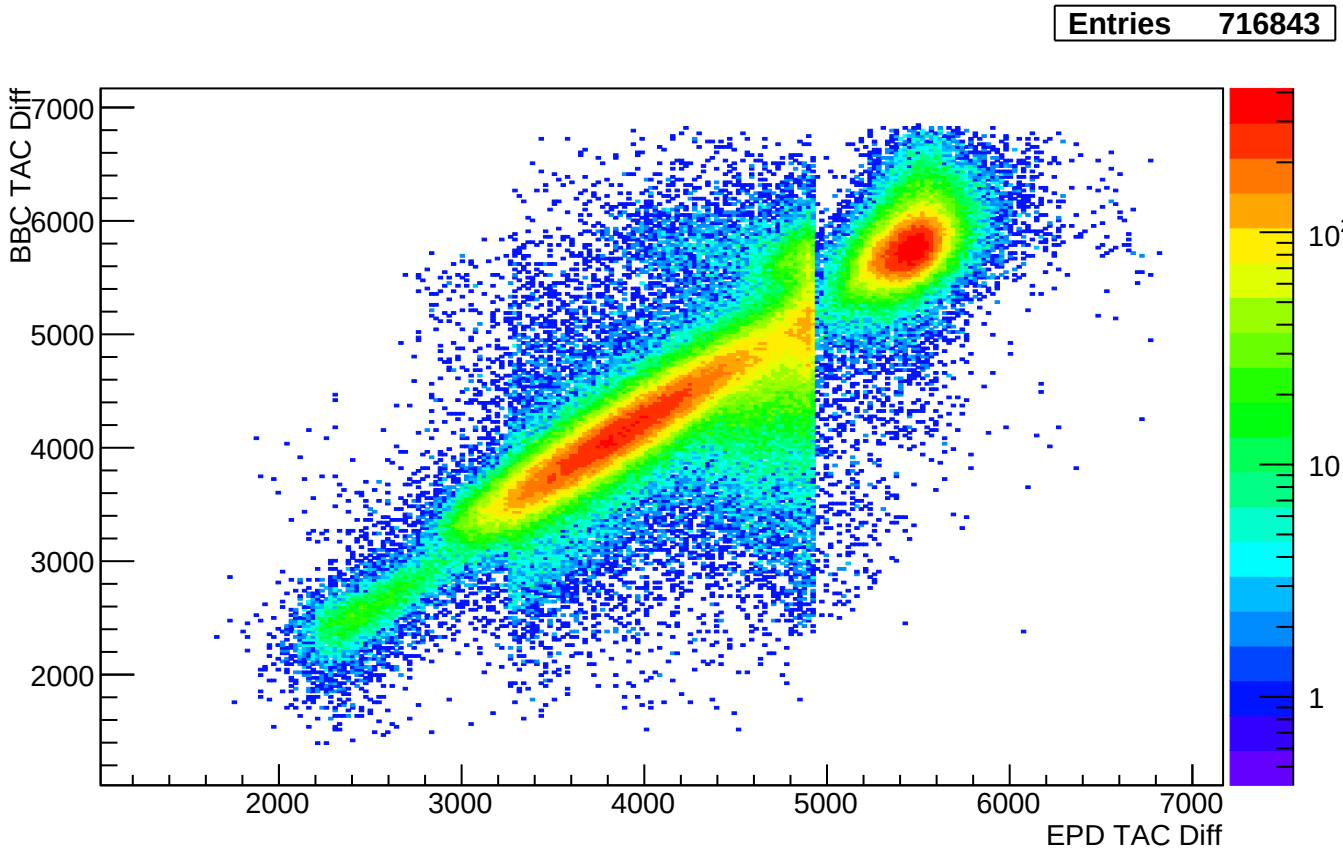

Entries 716843
TOF_Mult
BBC-S-West ADC Sum

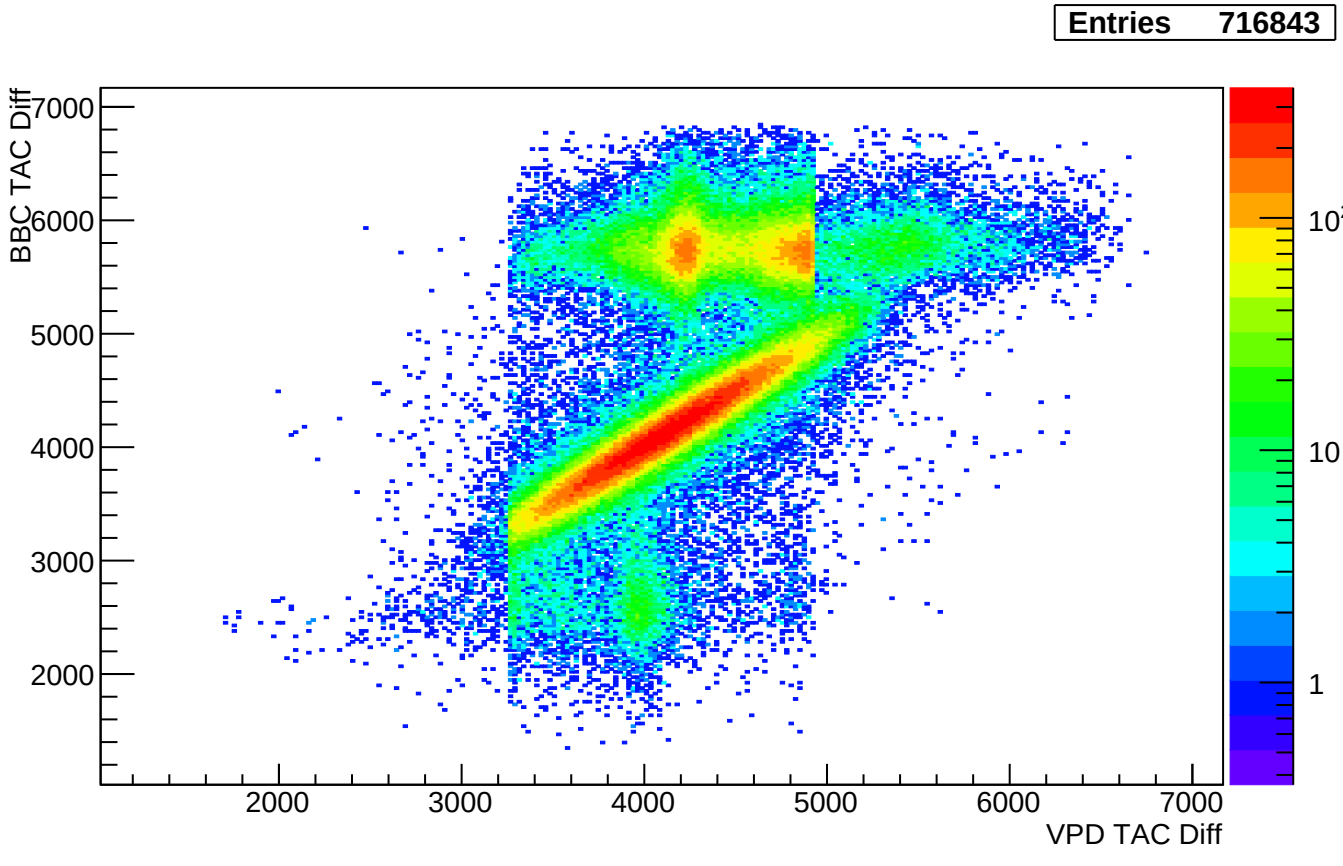

Entries 716843
TOF_Mult
EPD-East Hit Cnt

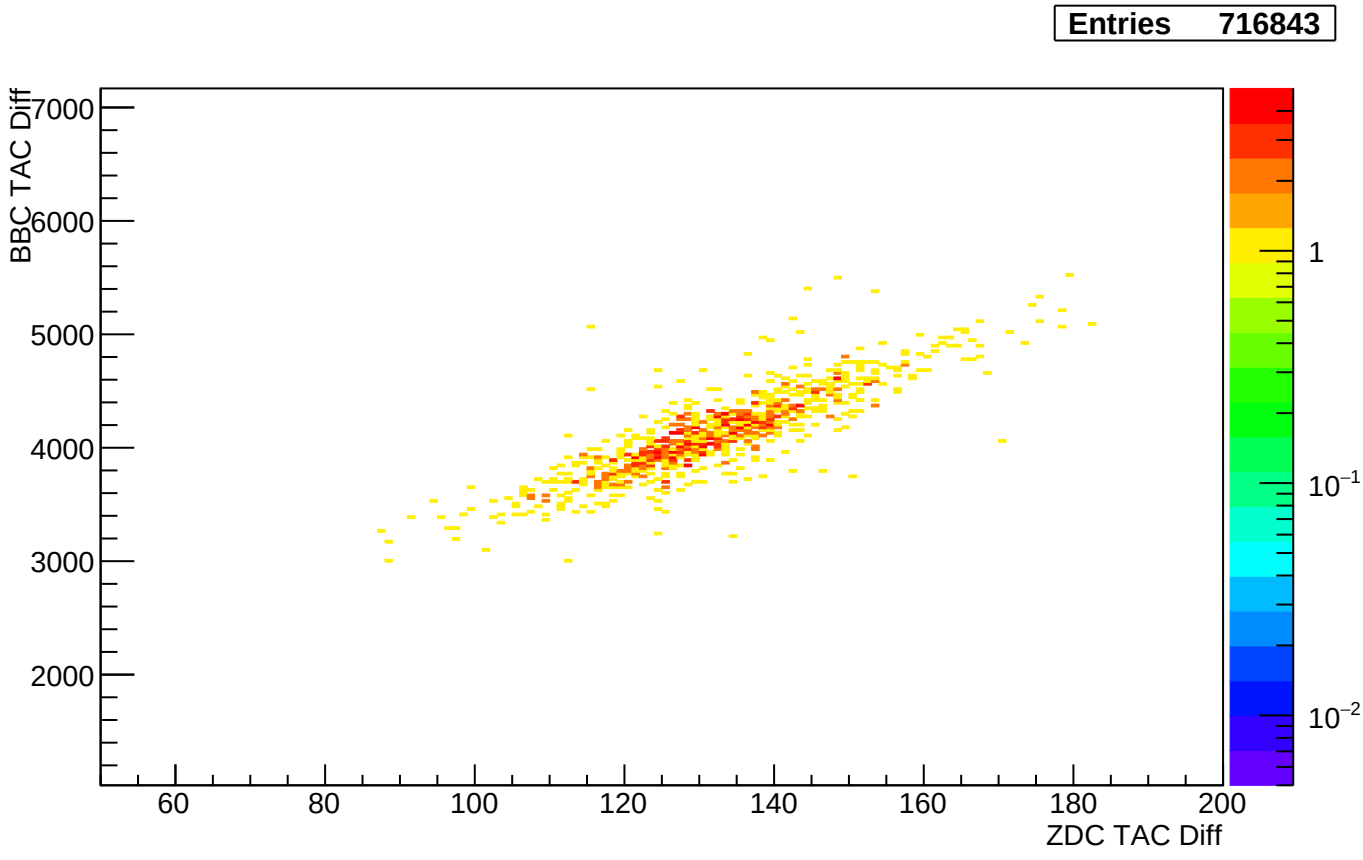

Entries 716843
TOF_Mult
EPD-West Hit Cnt

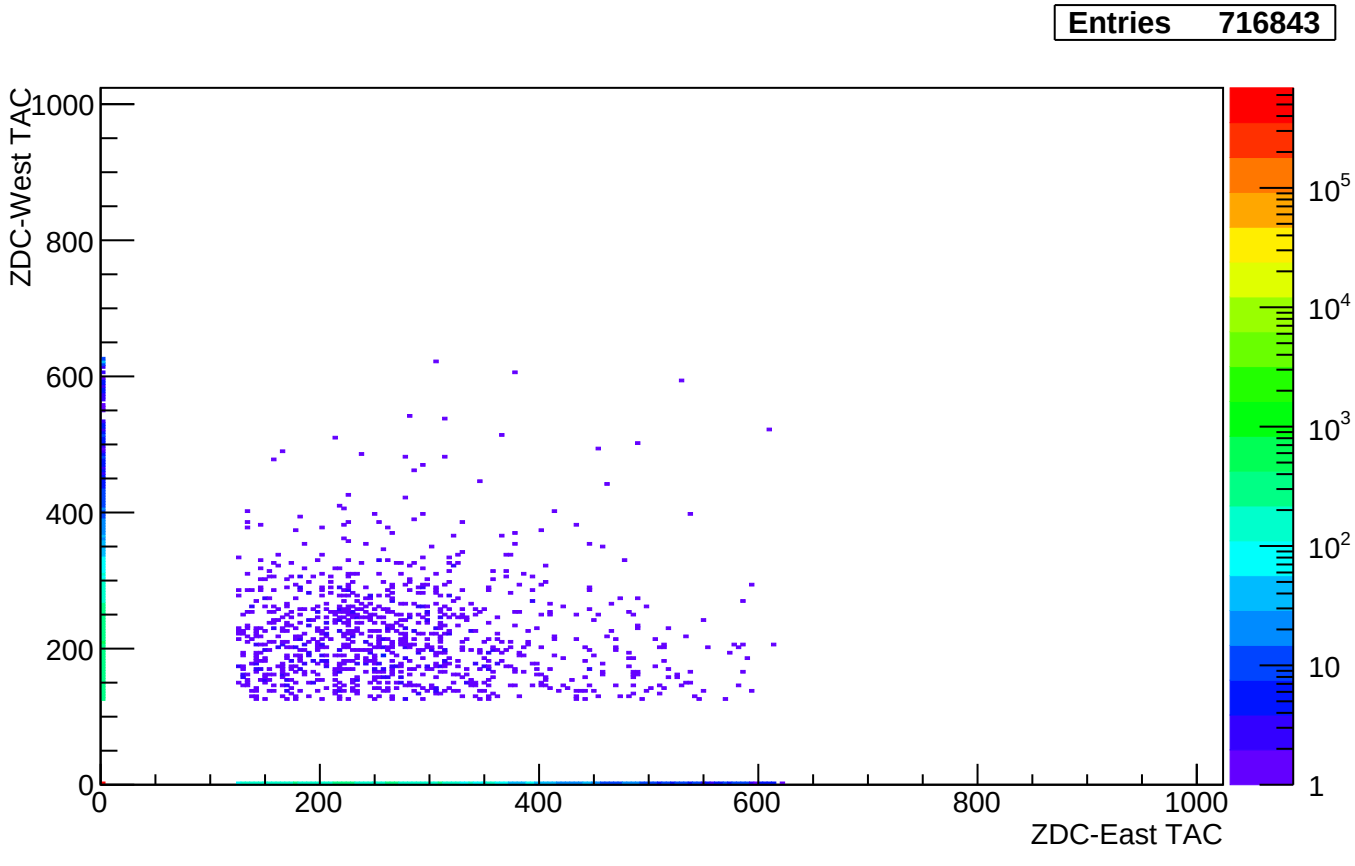

Entries 716843
TOF_Mult
VPD-East ADC Sum

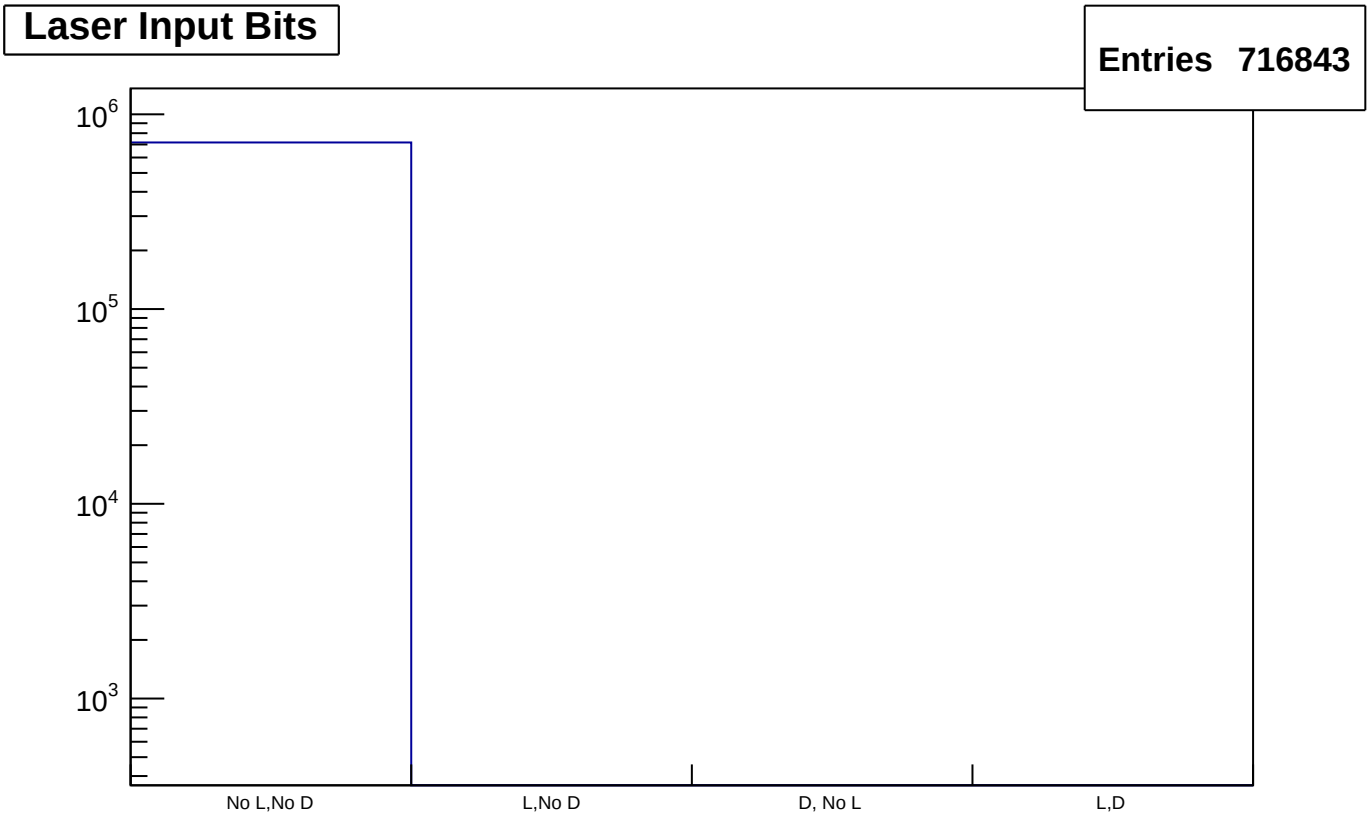

Entries 716843
TOF_Mult
VPD-West ADC Sum

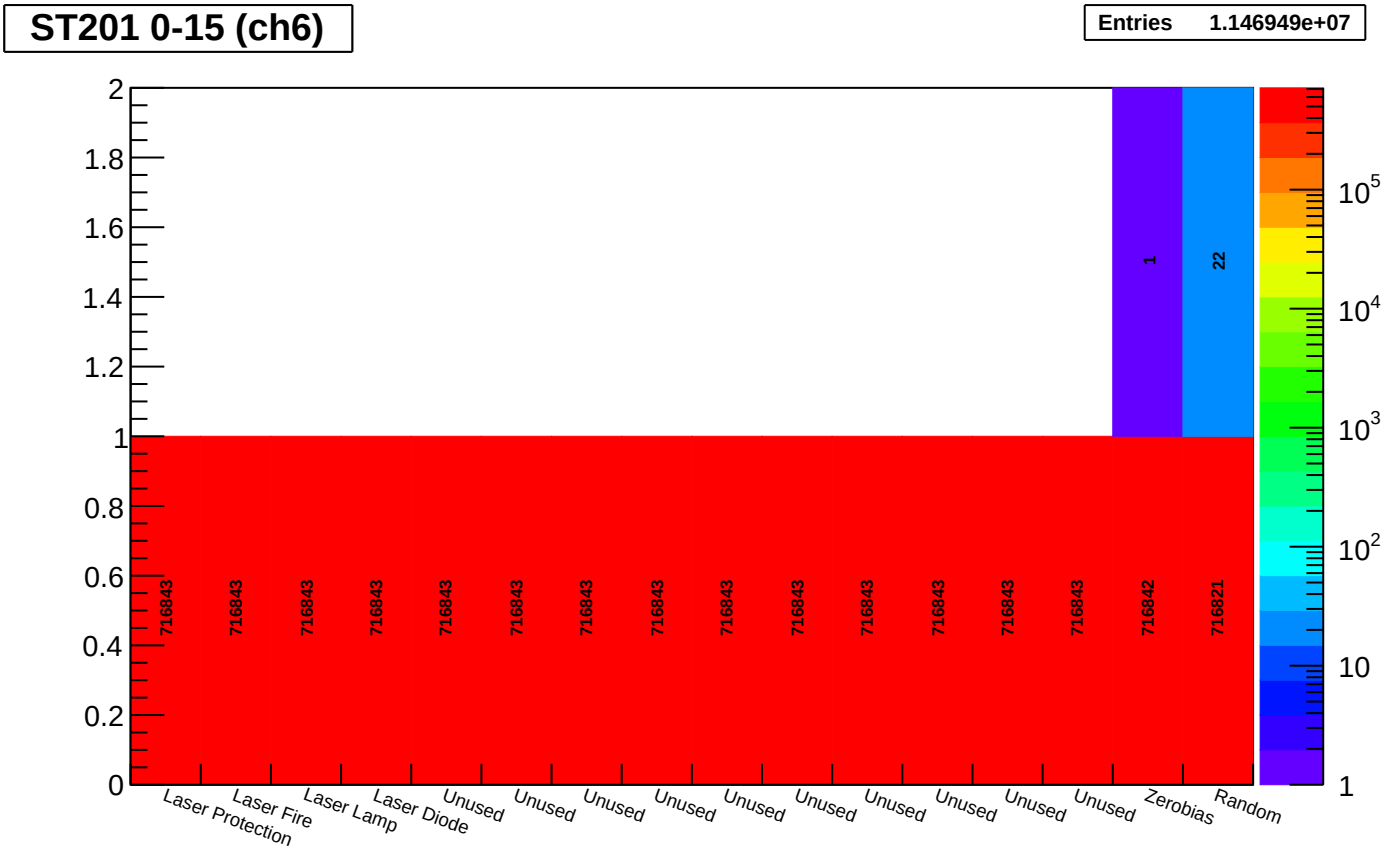

Entries 716843
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

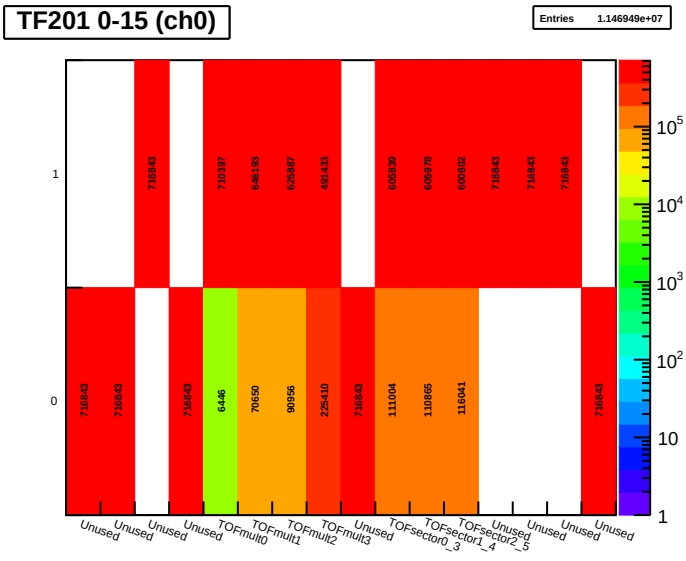

Entries 716843
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

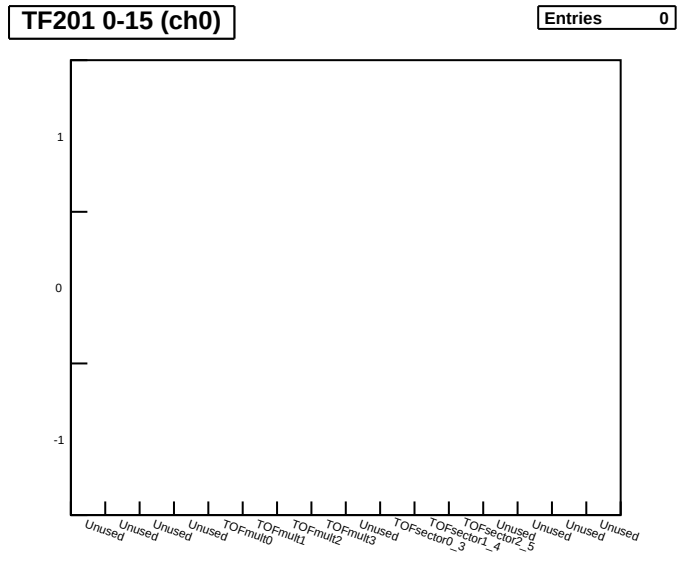

Entries 716843
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

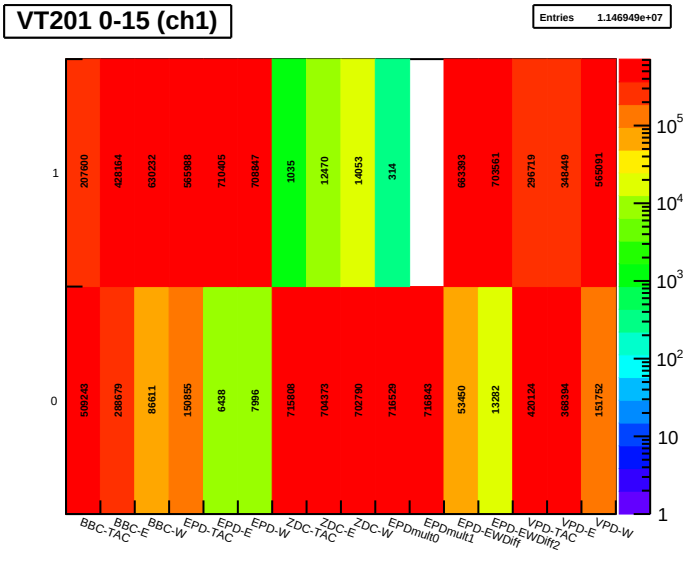

Entries 716843
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

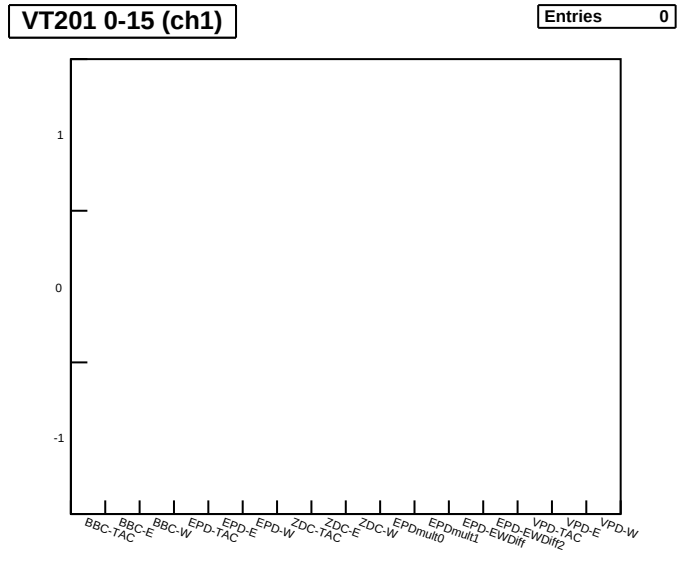

Laser Input Bits
Entries 716843
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

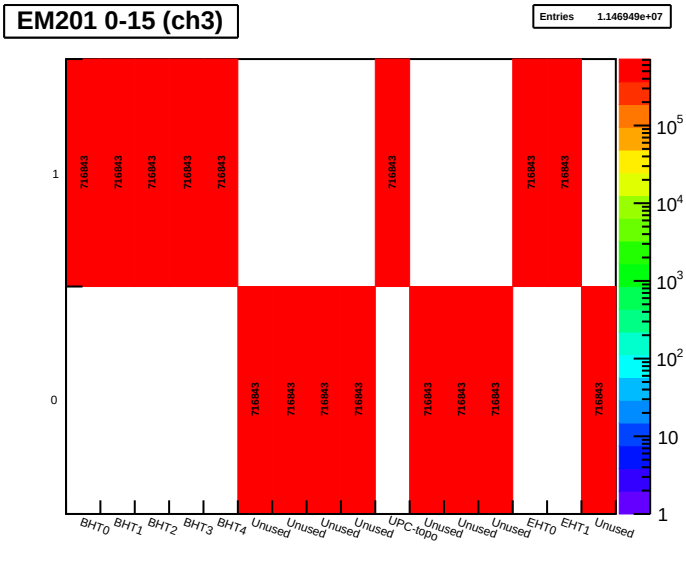

ST201 0-15 (ch6)
Entries 1.146949e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
716843
716843
716843
716843
716843
716843
716843
716843
716843
716843
716843
716843
716843
716843
716842
716821
1
22
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

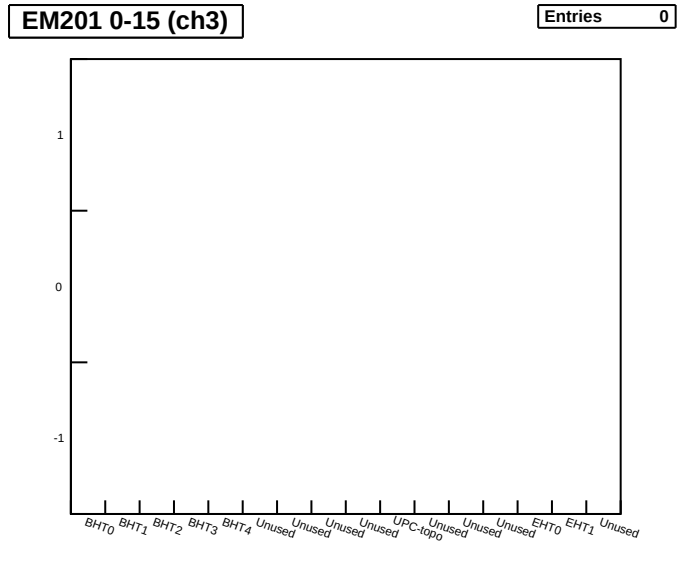

TF201 0-15 (ch0)
Entries 1.146949e+07
1
0
716843 710397 646193 625687 491433 605839 605978 600802 716843 716843 716843
716843 716843 716843 6446 70650 90956 225410 716843 111004 110865 116041 716843
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 1.146949e+07
1
0
207600 428164 630232 565988 710405 708847 1035 12470 14053 314 663393 703561 296719 348449 565091
509243 288679 86611 150855 6438 7996 715808 704373 702790 716529 716843 53450 13282 420124 368394 151752
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 1.146949e+07
1
0
716843 716843 716843 716843 716843 716843 716843 716843
716843 716843 716843 716843 716843 716843 716843 716843
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