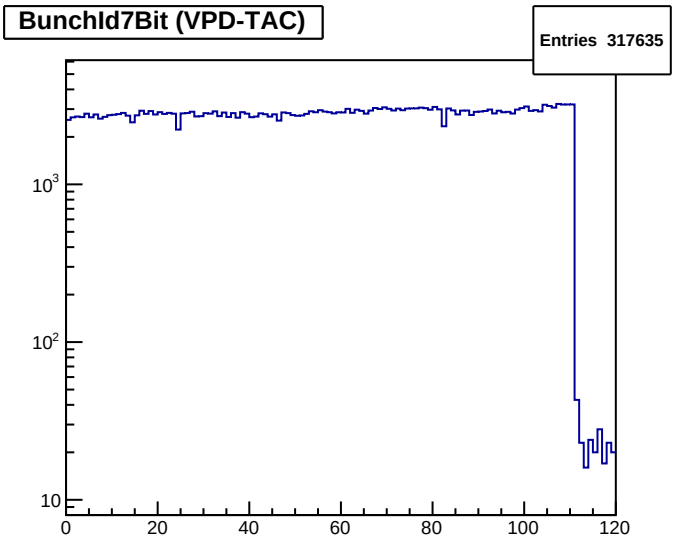
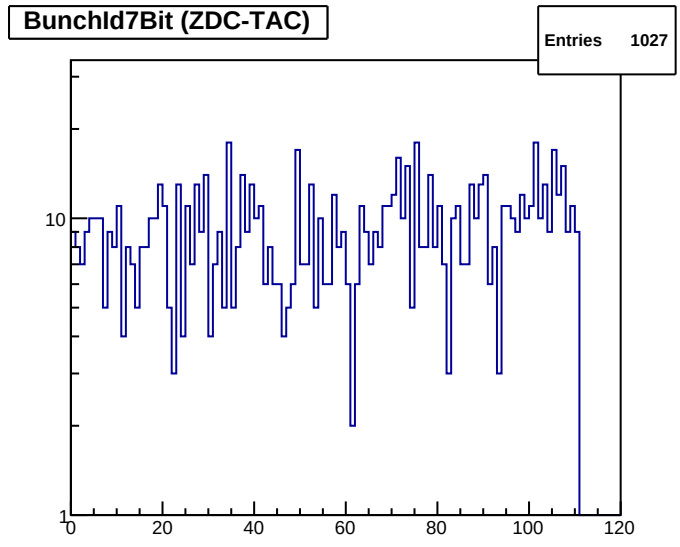
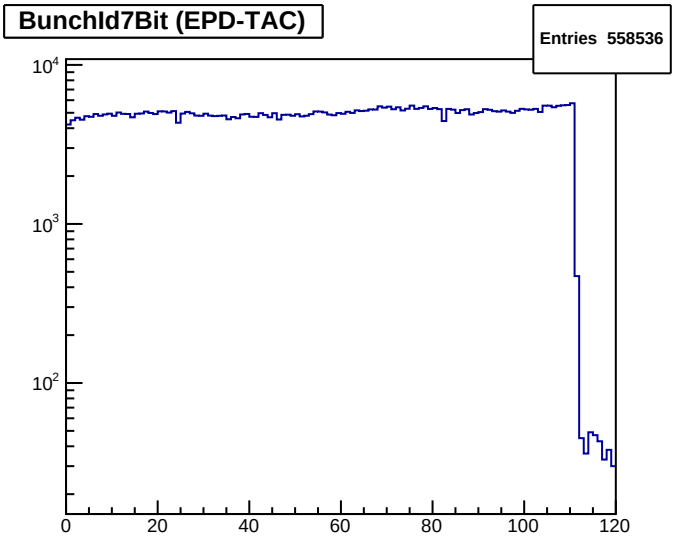
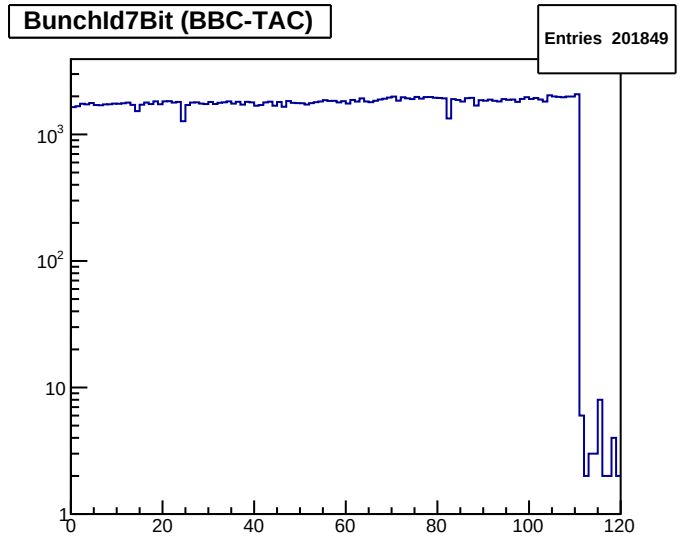
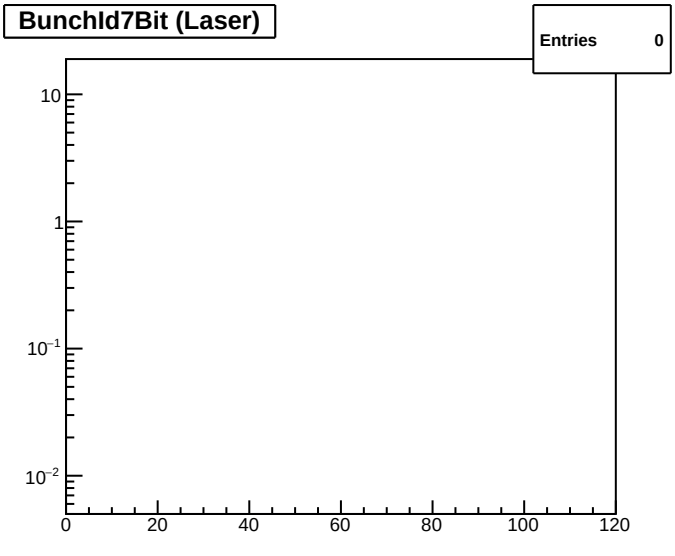
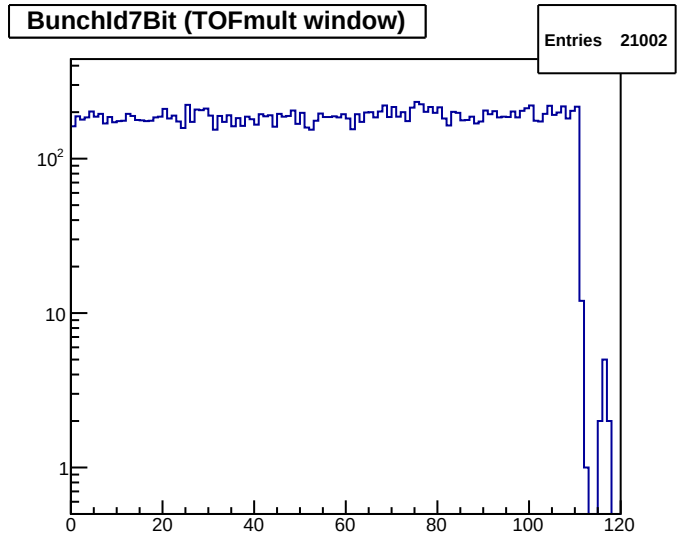

BunchId7Bit (VPD-TAC)
Entries 317635

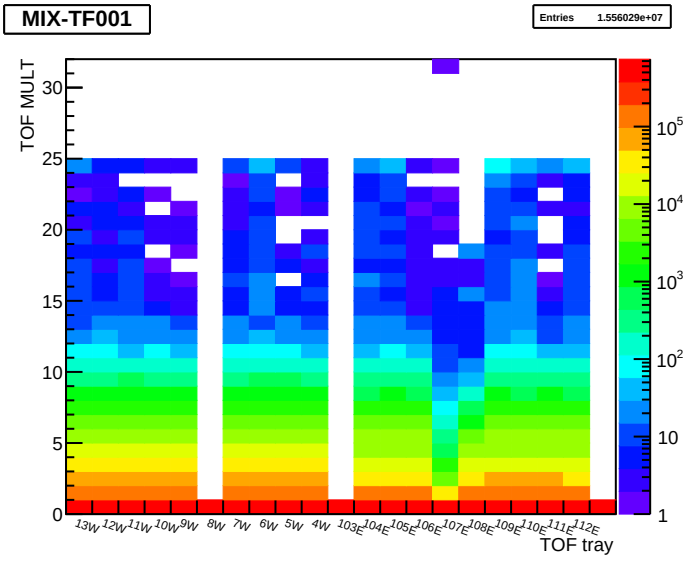

BunchId7Bit (ZDC-TAC)
Entries 1027

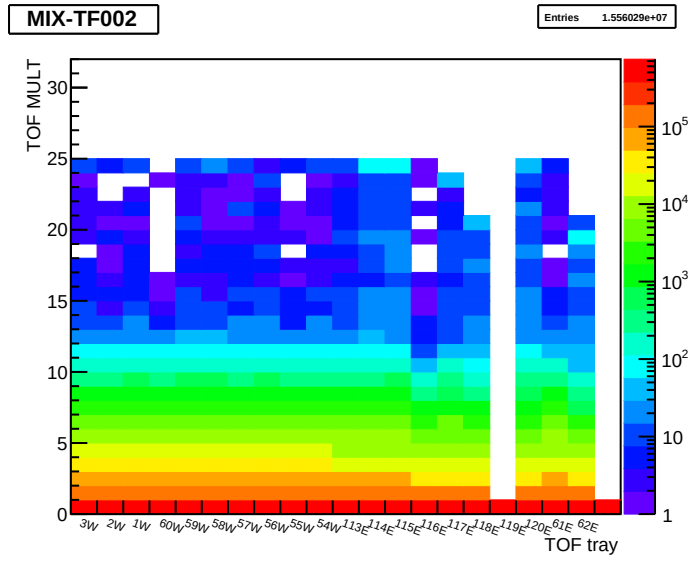

BunchId7Bit (EPD-TAC)
Entries 558536

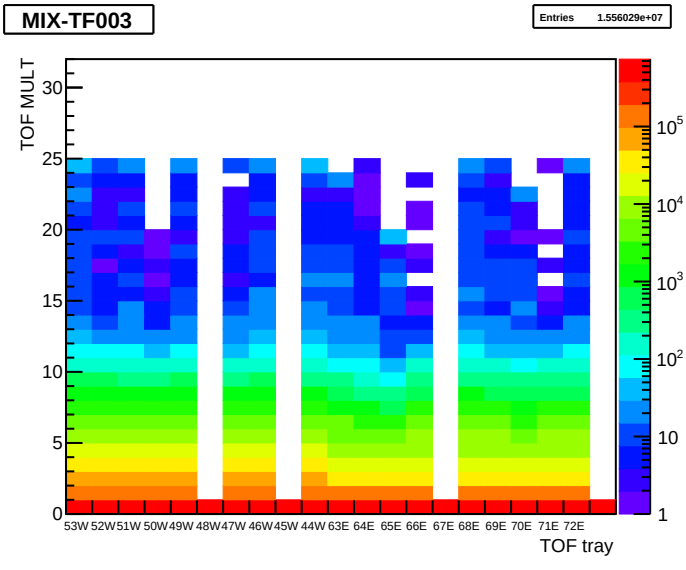

BunchId7Bit (BBC-TAC)
Entries 201849

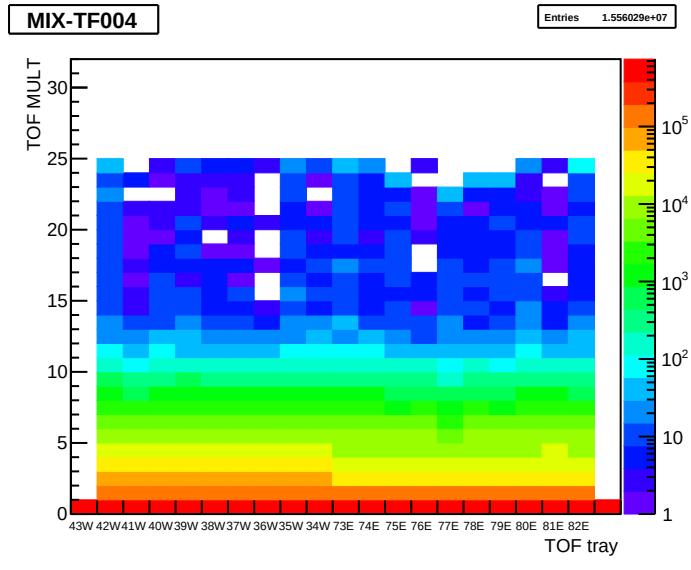

BunchId7Bit (Laser)
Entries 0

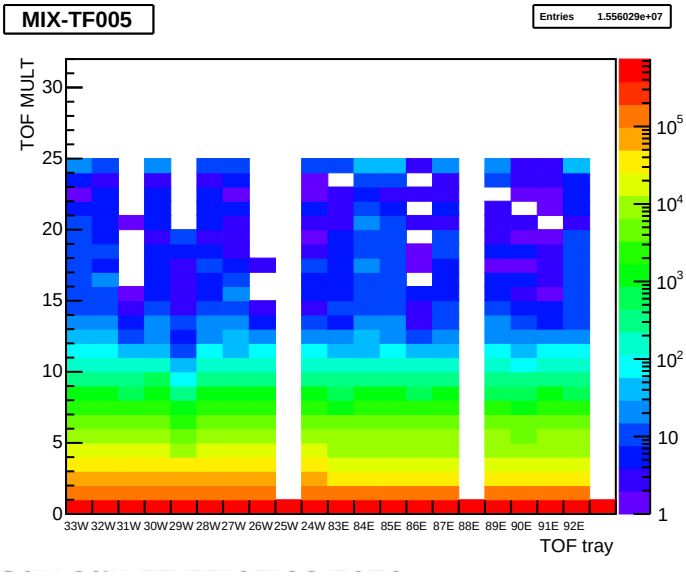

BunchId7Bit (TOFmult window)
Entries 21002

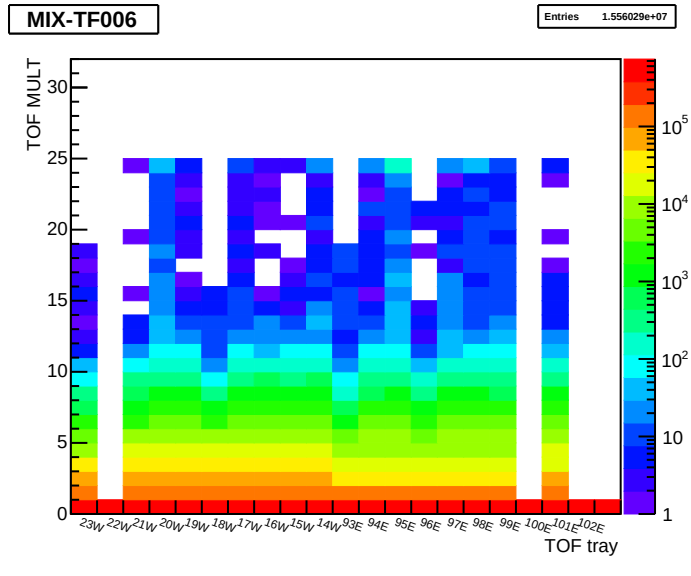

MIX-TF001
Entries 1.556029e+07
TOF MULT
TOF tray

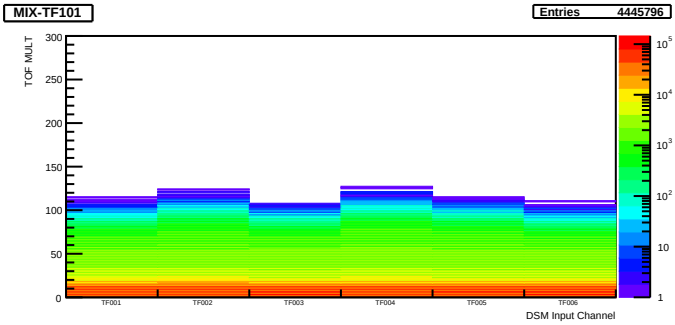

MIX-TF002
Entries 1.556029e+07
TOF MULT
TOF tray

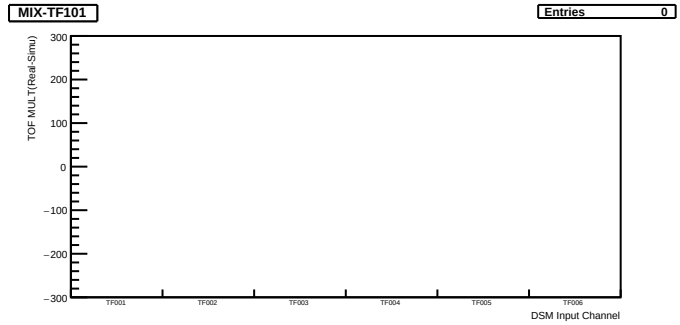

MIX-TF003
Entries 1.556029e+07
TOF MULT
TOF tray

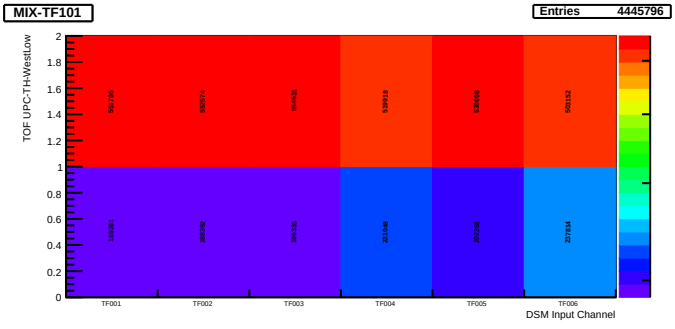

MIX-TF004
Entries 1.556029e+07
TOF MULT
TOF tray

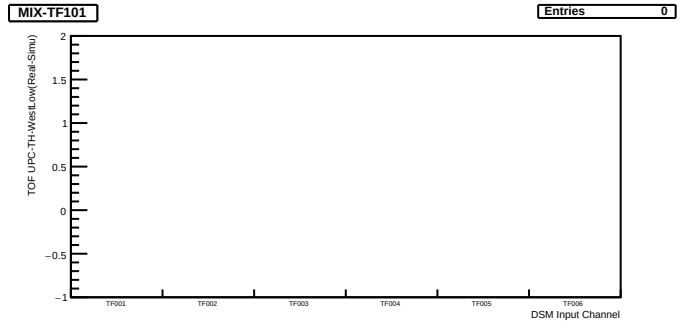

MIX-TF005
Entries 1.556029e+07
TOF MULT
TOF tray

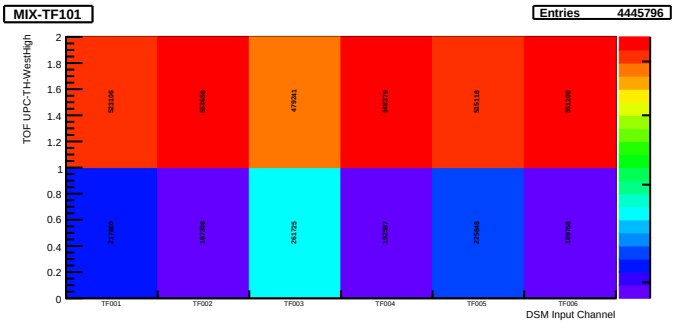

MIX-TF006
Entries 1.556029e+07
TOF MULT
TOF tray

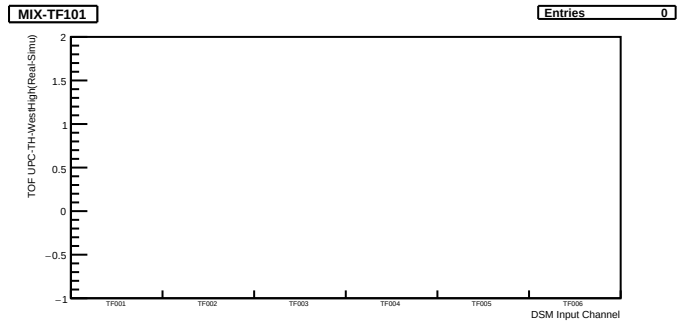

MIX-TF101
Entries 4445796
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

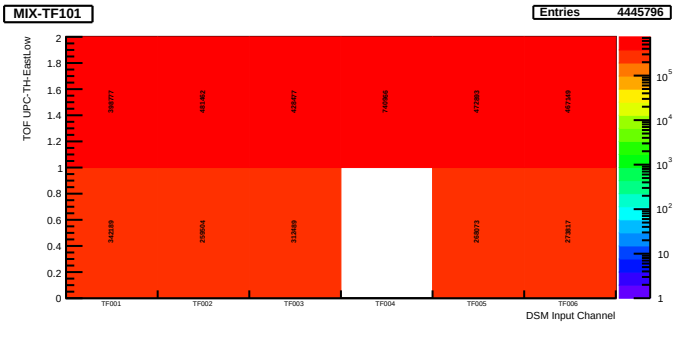

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

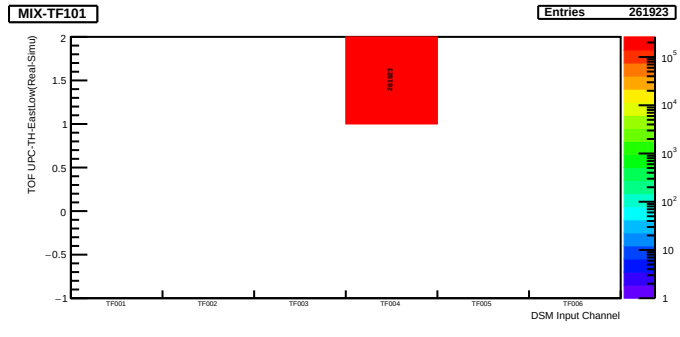

MIX-TF101
Entries 4445796
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

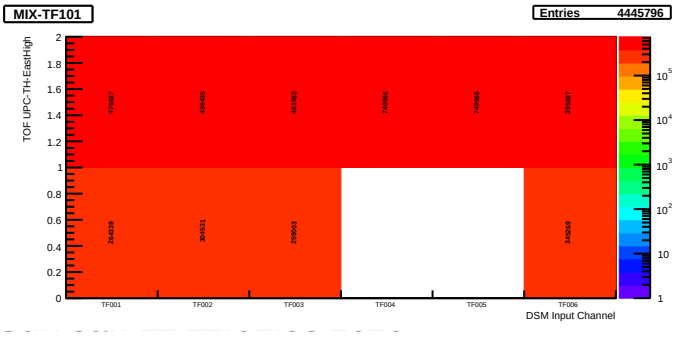

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

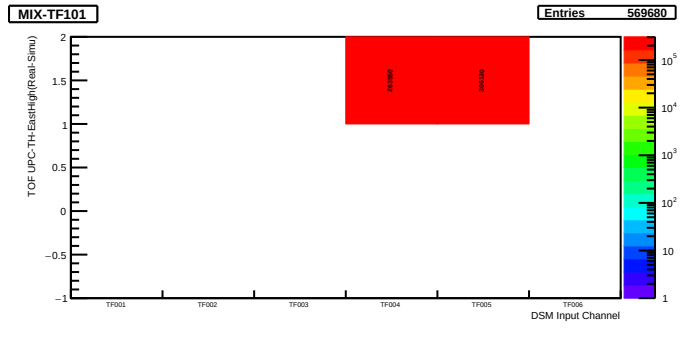

MIX-TF101
Entries 4445796
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

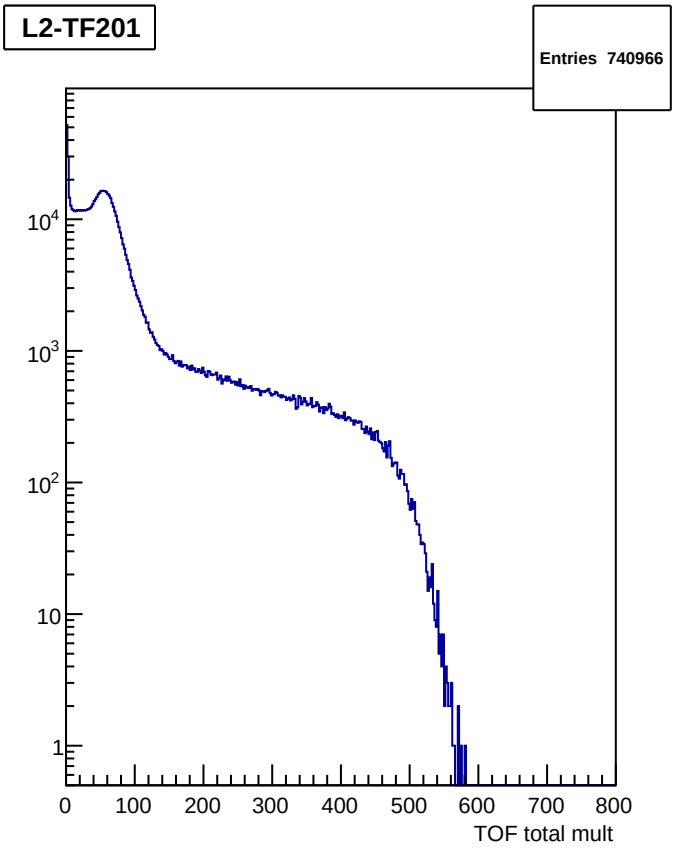

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

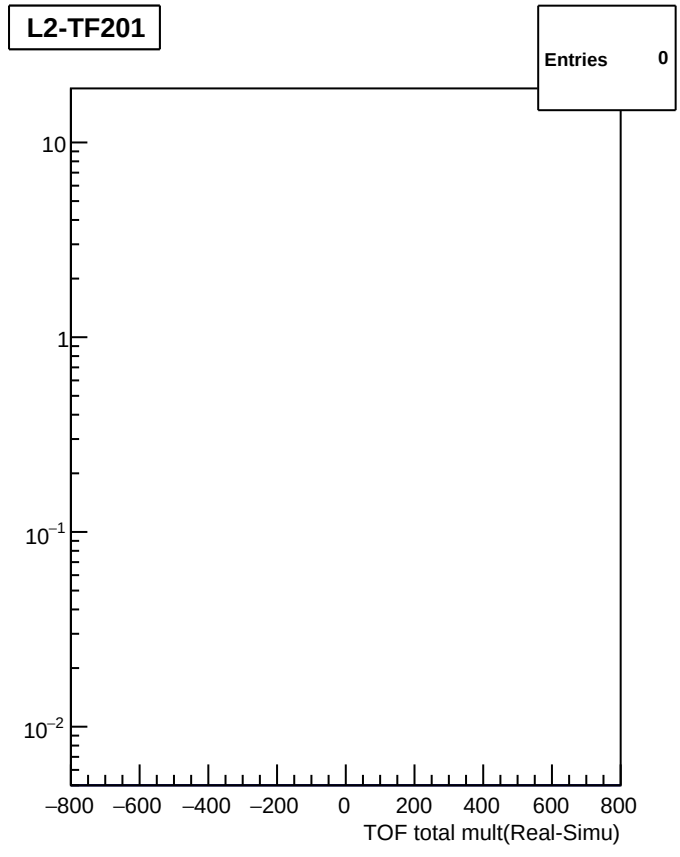

MIX-TF101
Entries 4445796
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

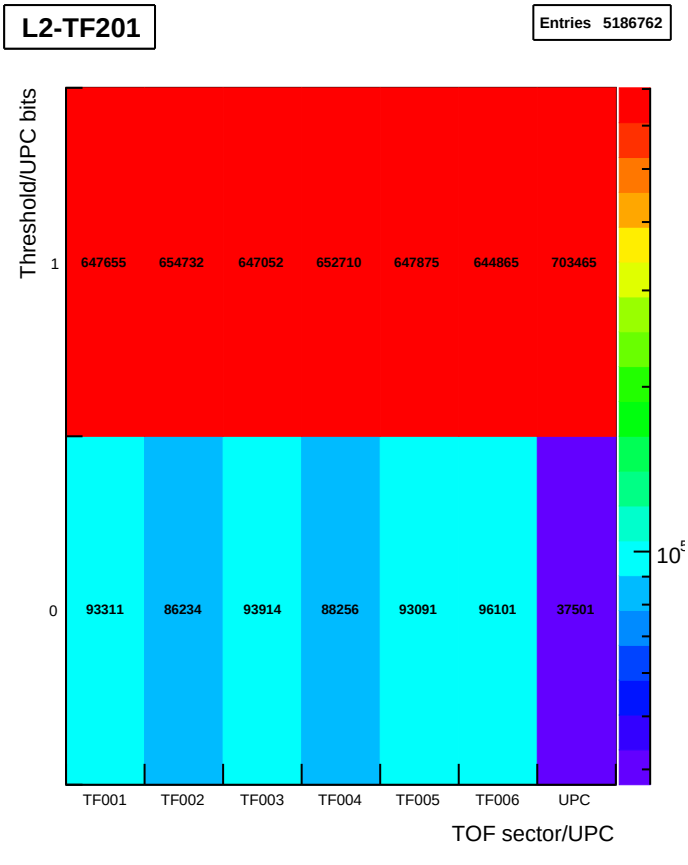

MIX-TF101
Entries 261923
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

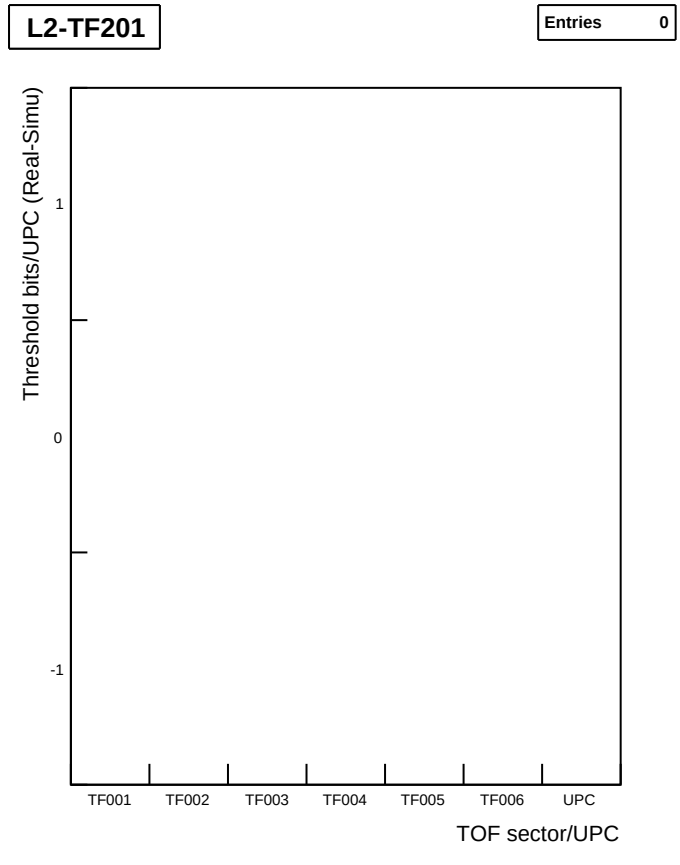

MIX-TF101
Entries 4445796
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

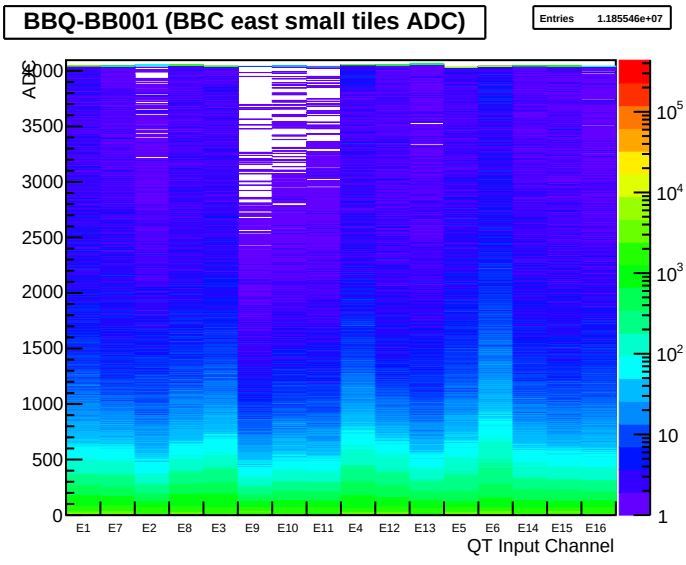

MIX-TF101
Entries 569680
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

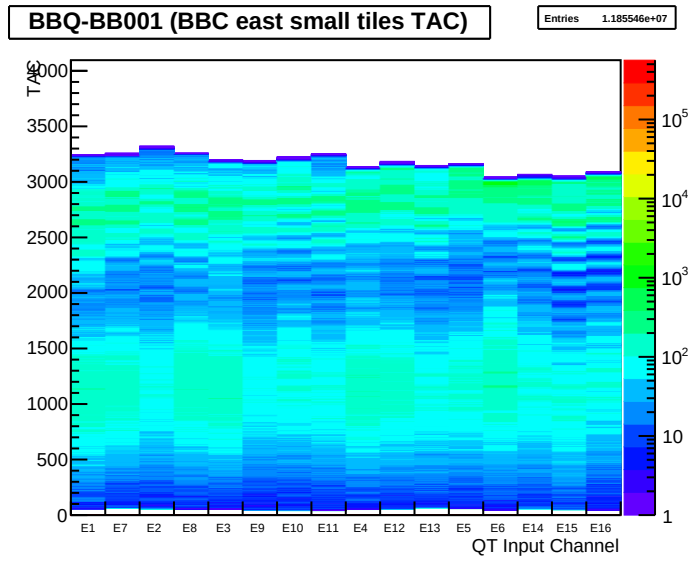

L2-TF201
Entries 740966
TOF total mult

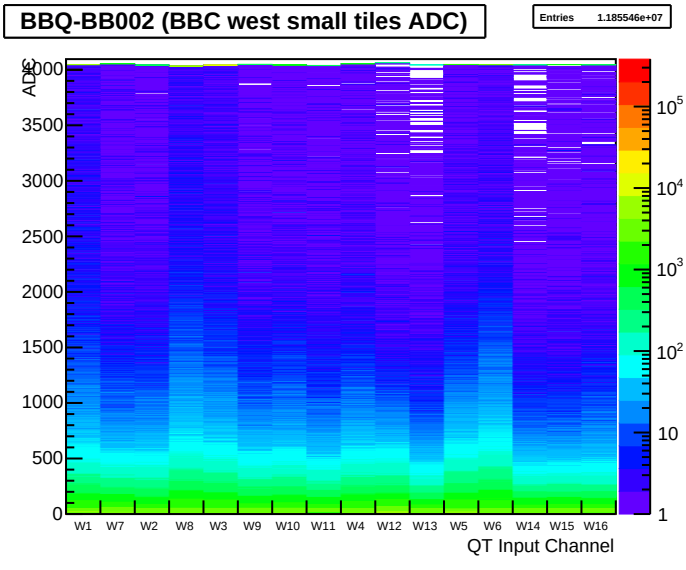

L2-TF201
Entries 0
TOF total mult(Real-Simu)

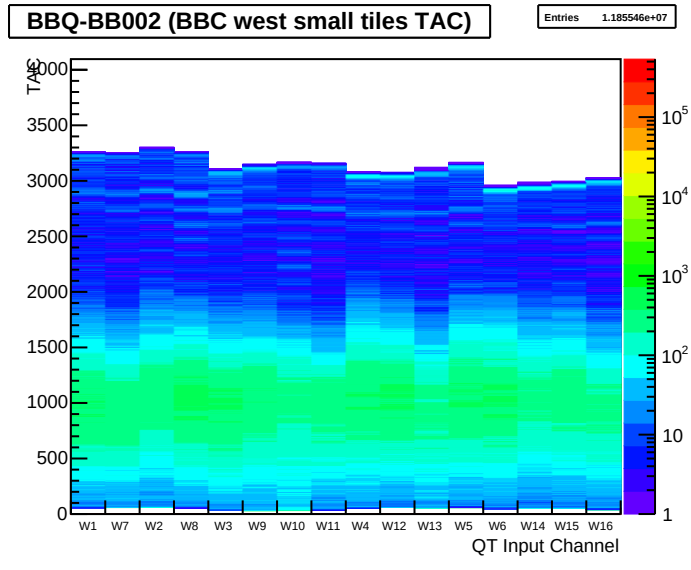

L2-TF201
Entries 5186762
Threshold/UPC bits
647655
654732
647052
652710
647875
644865
703465
93311
86234
93914
88256
93091
96101
37501
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

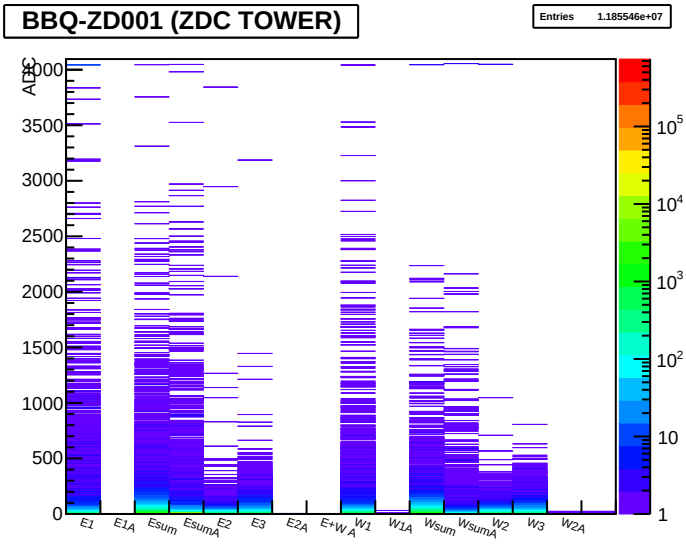

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

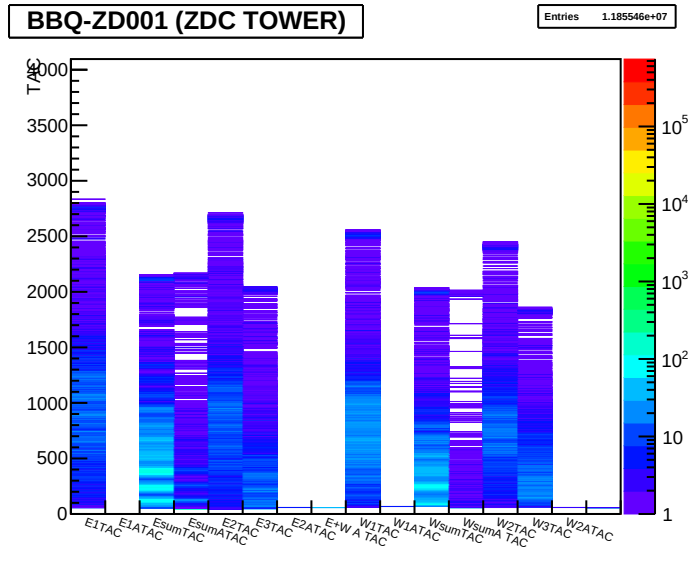

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.185546e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

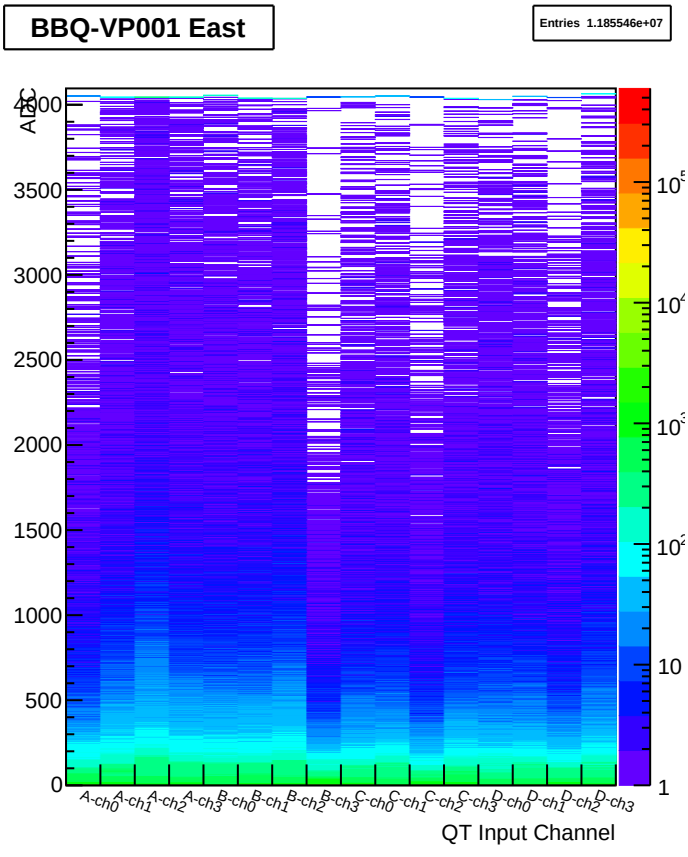

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.185546e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

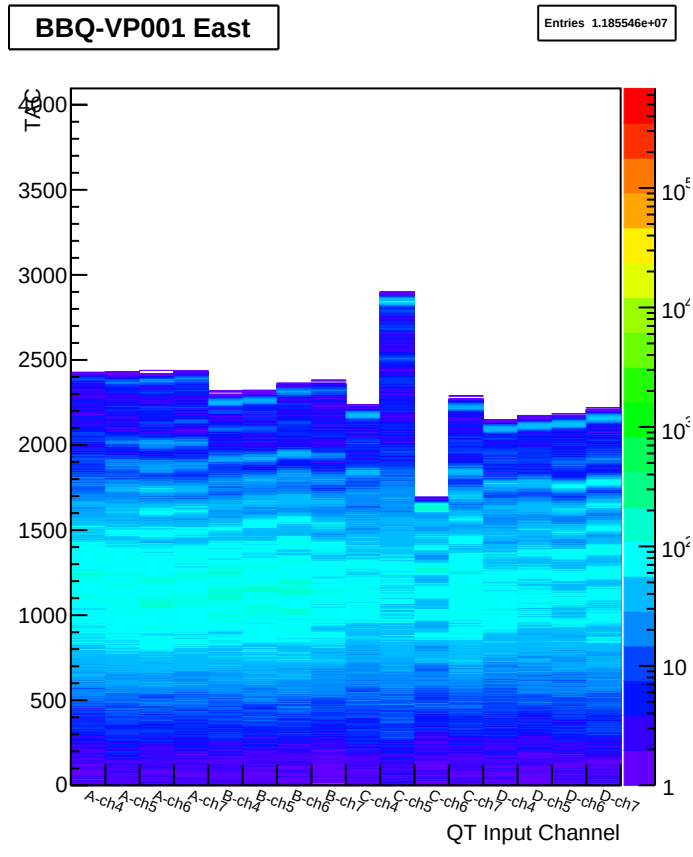

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.185546e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

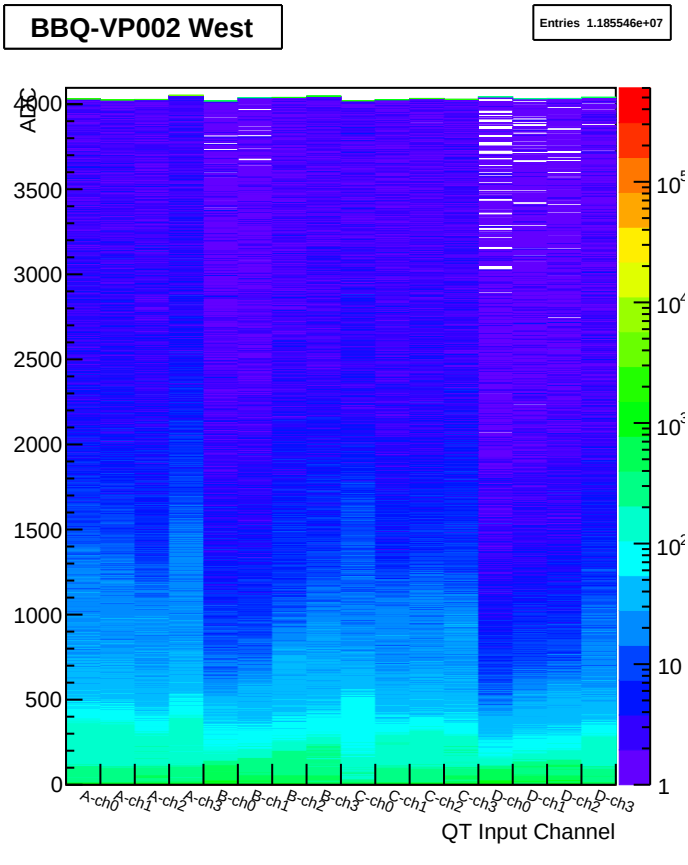

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.185546e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

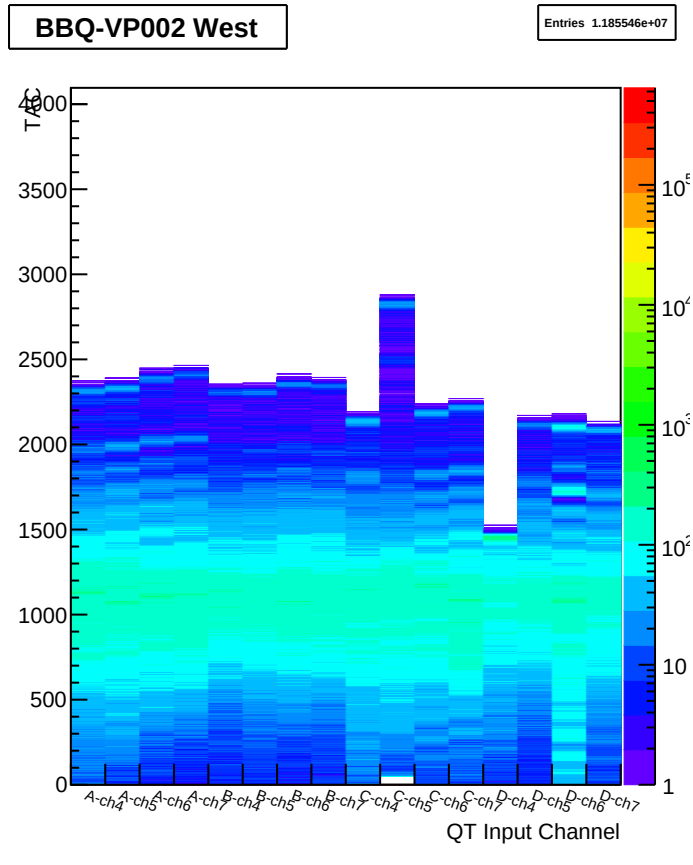

BBQ-ZD001 (ZDC TOWER)
Entries 1.185546e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

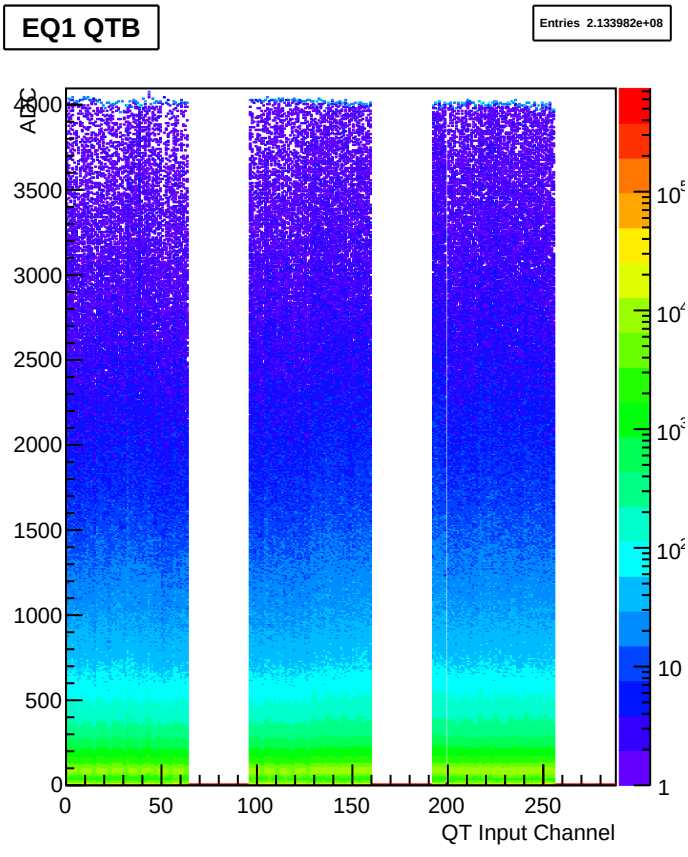

BBQ-ZD001 (ZDC TOWER)
Entries 1.185546e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

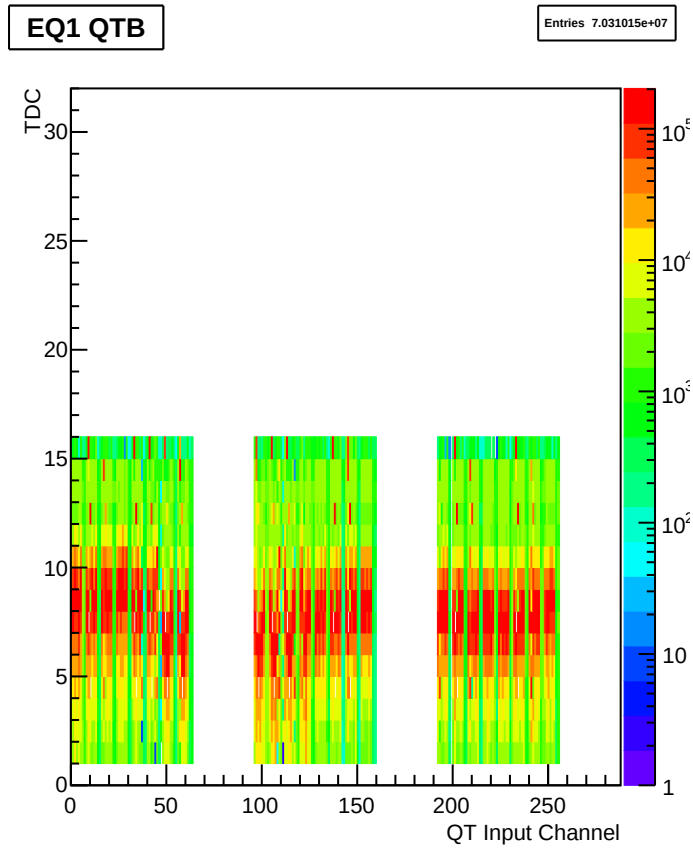

BBQ-VP001 East
Entries 1.185546e+07
ADC
QT Input Channel

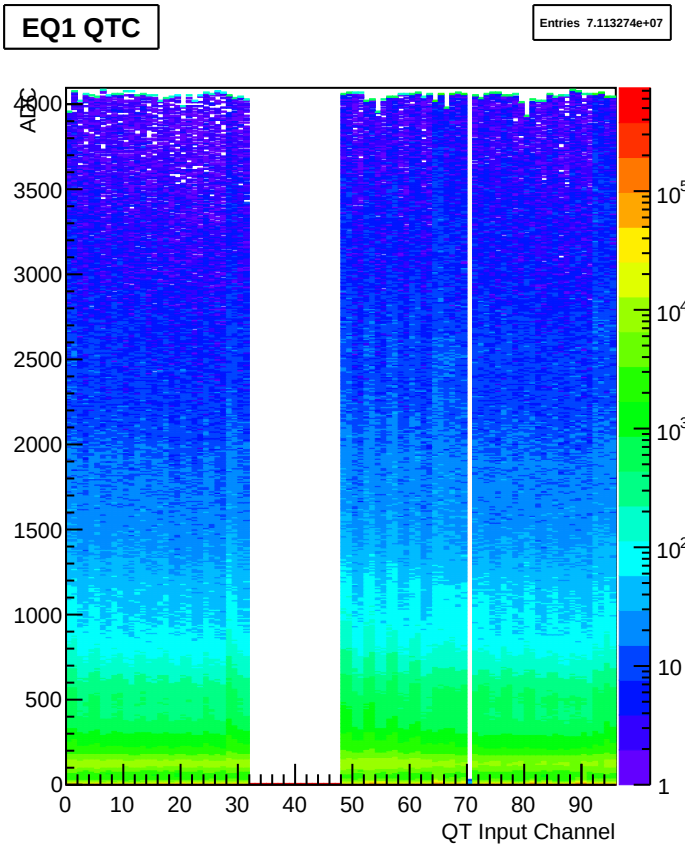

BBQ-VP001 East
Entries 1.185546e+07
TADC
QT Input Channel

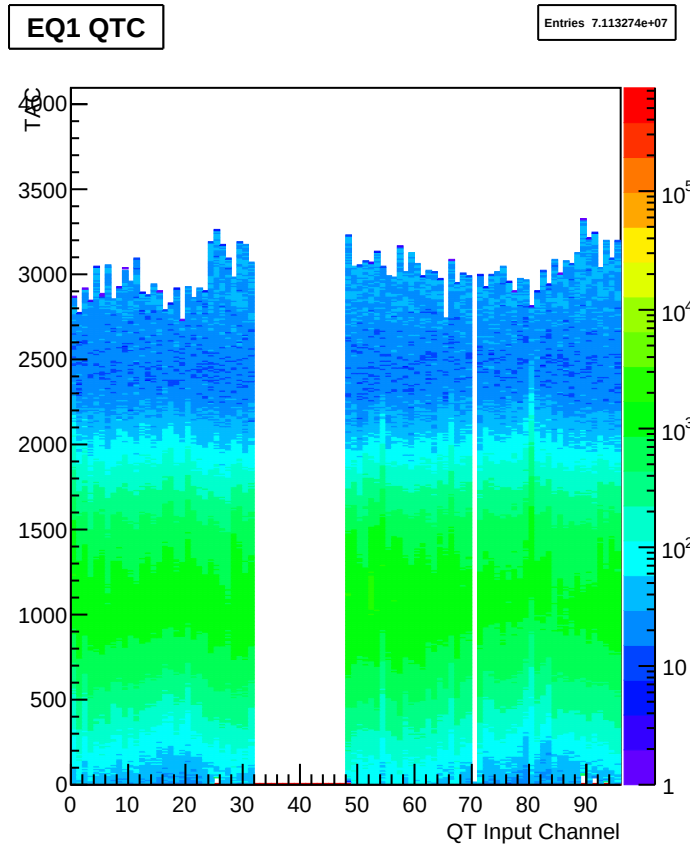

BBQ-VP002 West
Entries 1.185546e+07
ADC
QT Input Channel

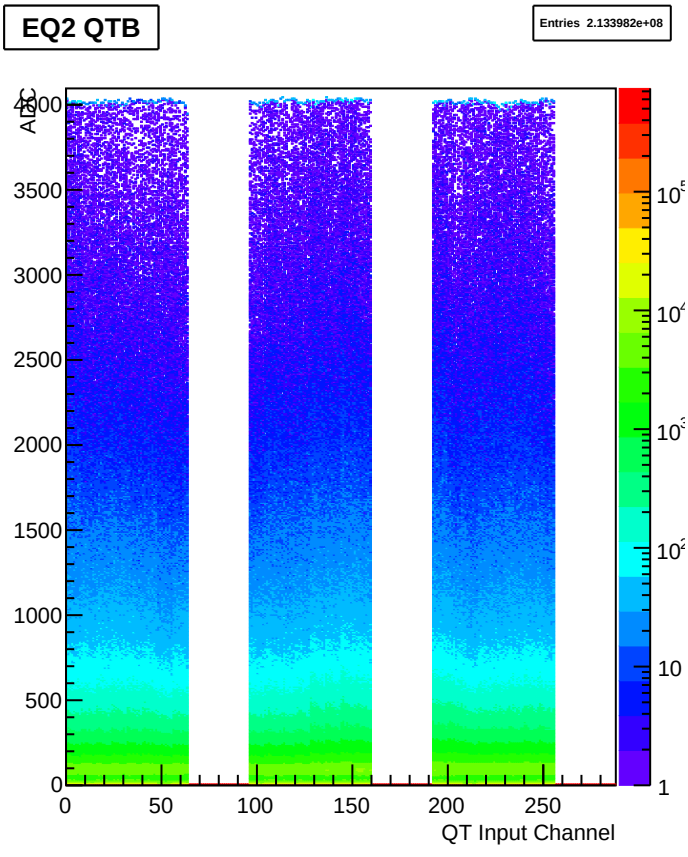

BBQ-VP002 West
Entries 1.185546e+07
TADC
QT Input Channel

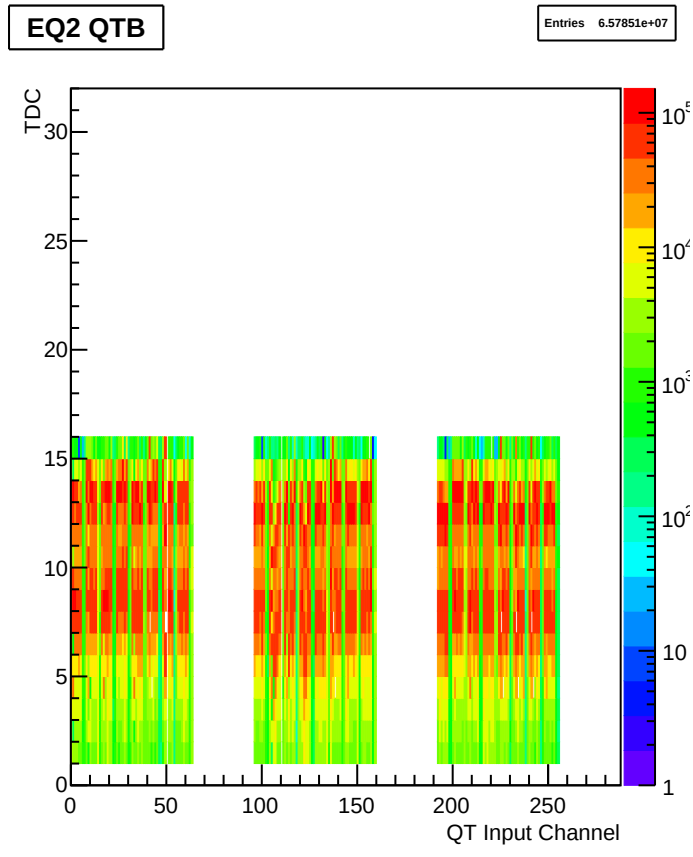

EQ1 QTB
Entries 2.133982e+08
ADC
QT Input Channel

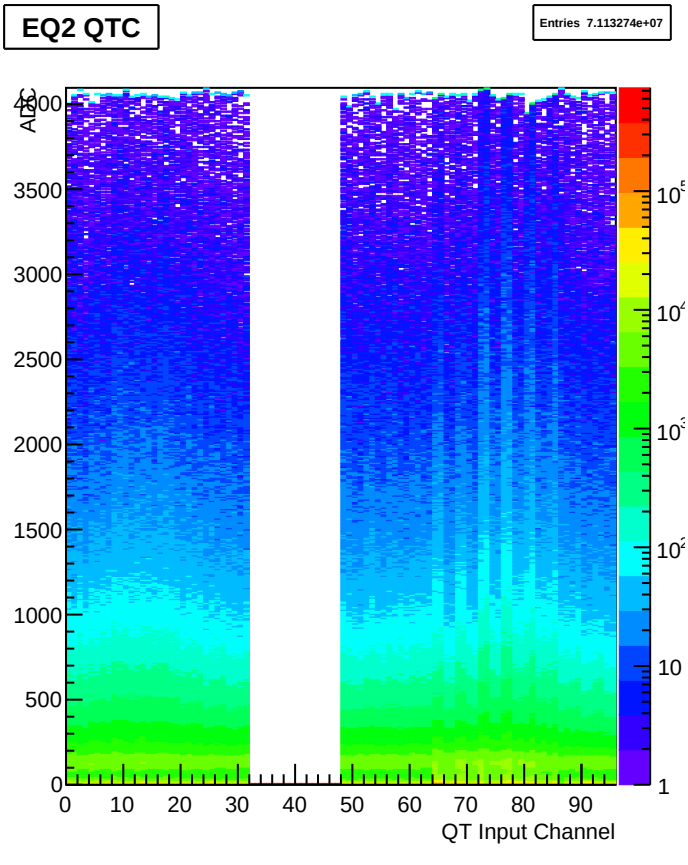

EQ1 QTB
Entries 7.031015e+07
TDC
QT Input Channel

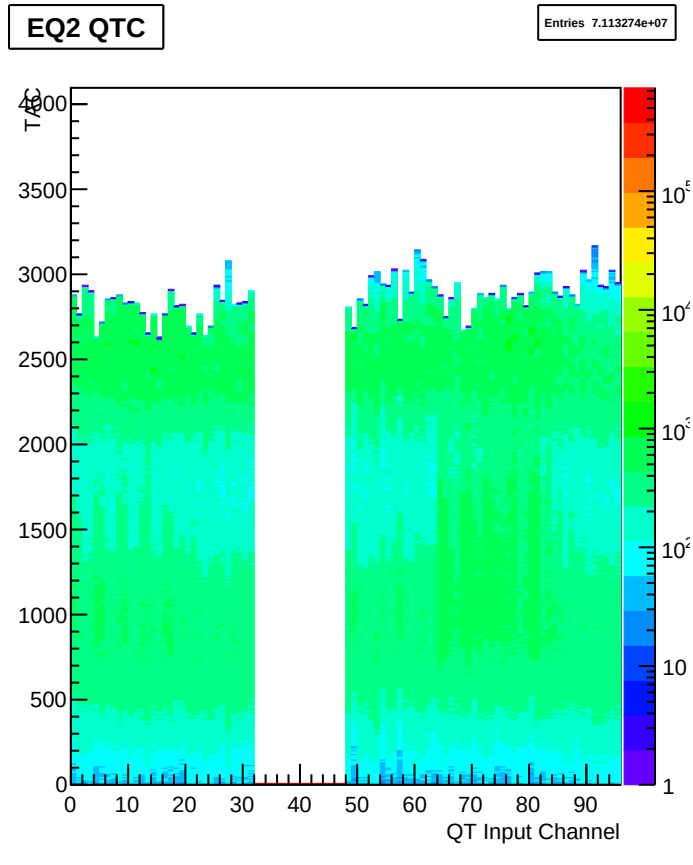

EQ1 QTC
Entries 7.113274e+07
ADC
QT Input Channel

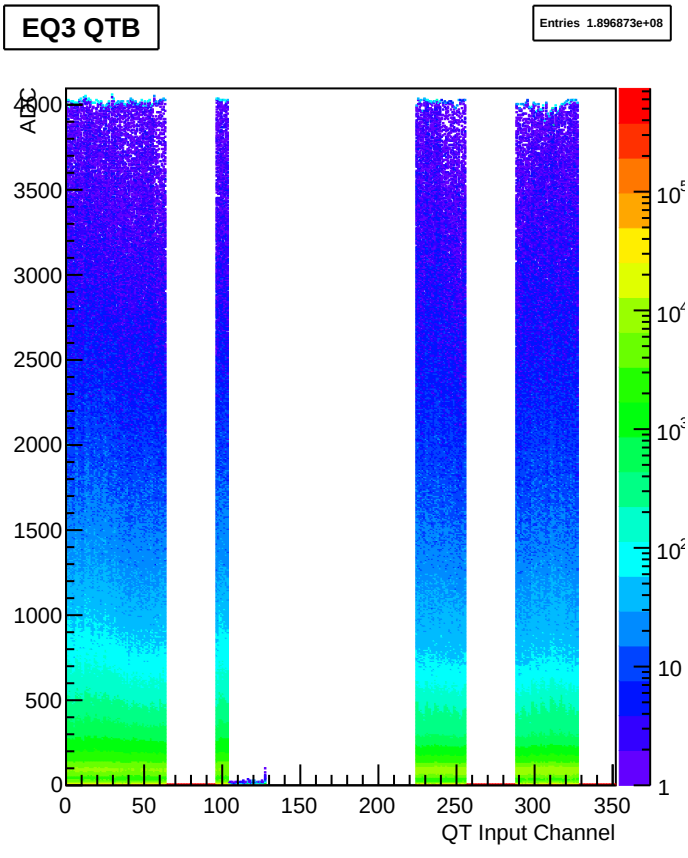

EQ1 QTC
Entries 7.113274e+07
TADC
QT Input Channel

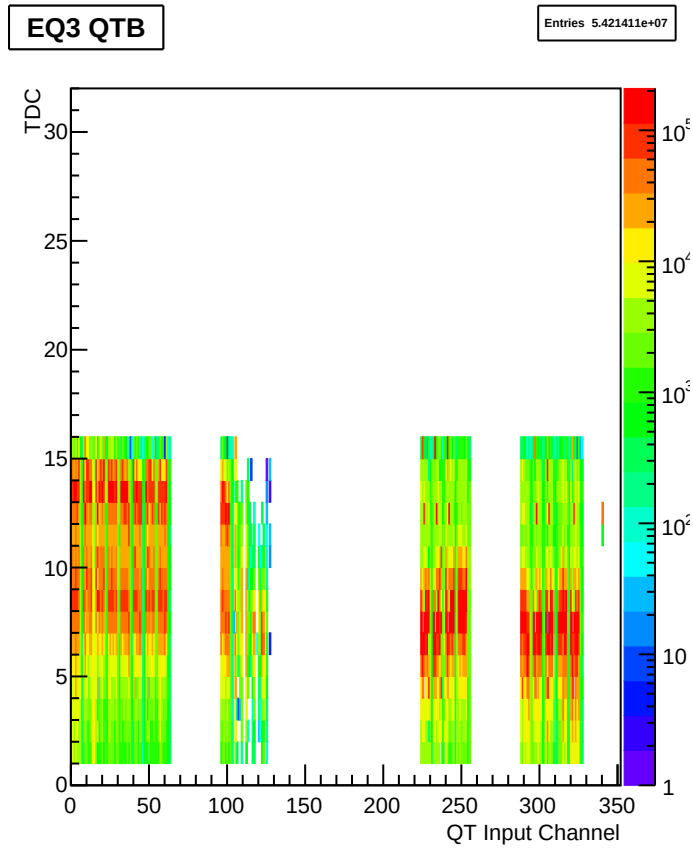

EQ2 QTB
Entries 2.133982e+08
ADC
QT Input Channel

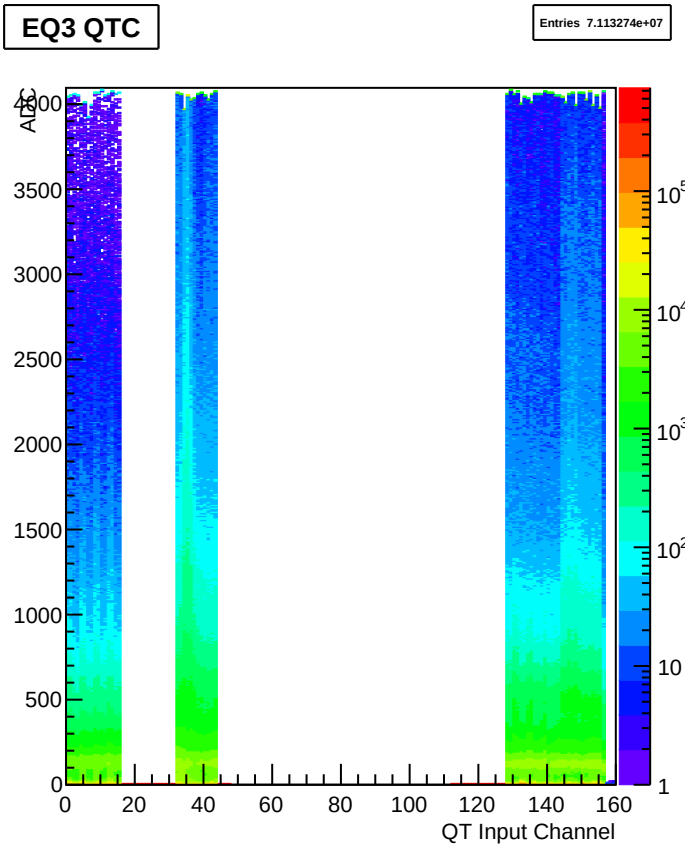

EQ2 QTB
Entries 6.57851e+07
TDC
QT Input Channel

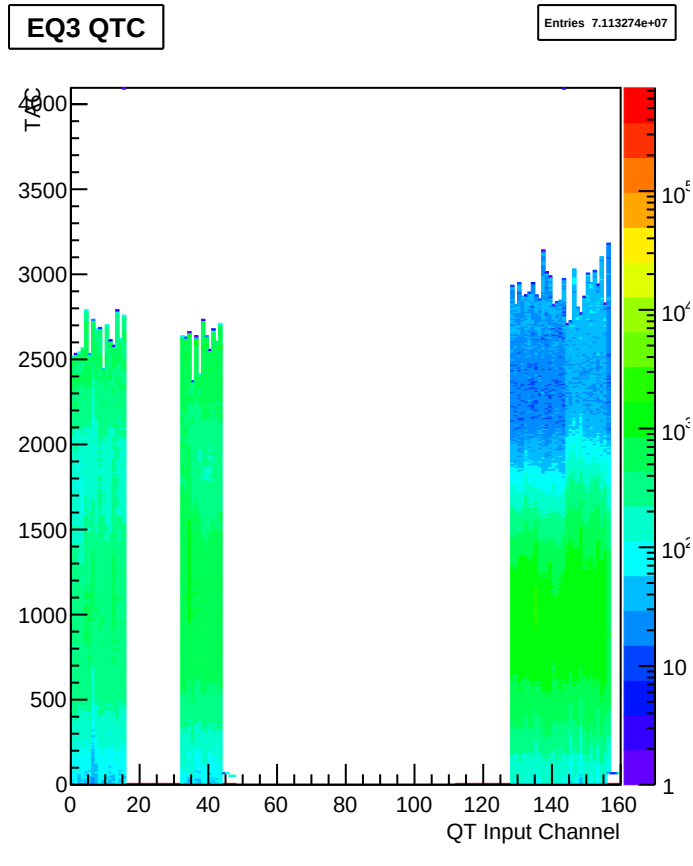

EQ2 QTC
Entries 7.113274e+07
ADC
QT Input Channel

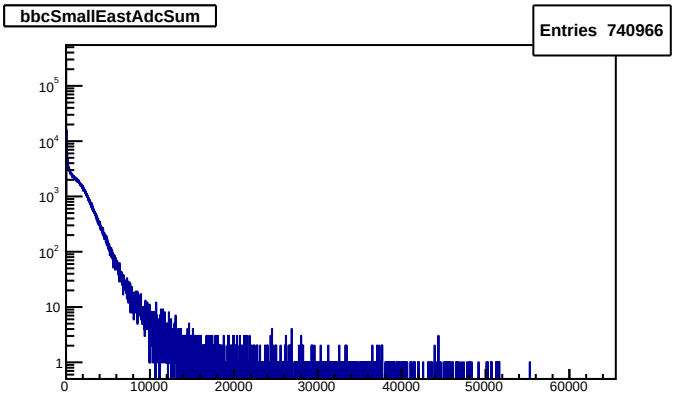

EQ2 QTC
Entries 7.113274e+07
TADC
QT Input Channel

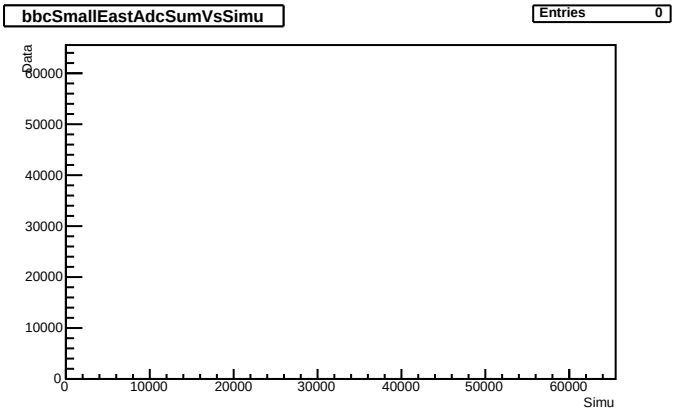

EQ3 QTB
Entries 1.896873e+08
ADC
QT Input Channel

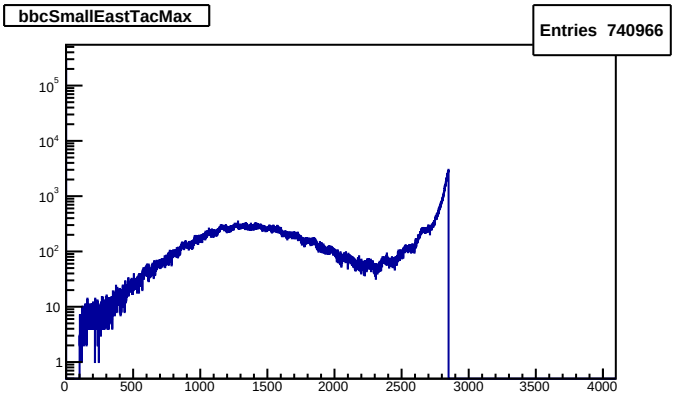

EQ3 QTB
Entries 5.421411e+07
TDC
QT Input Channel

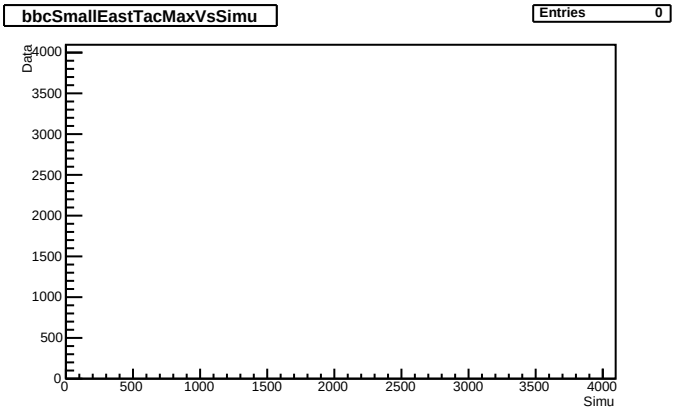

EQ3 QTC
Entries 7.113274e+07
ADC
QT Input Channel

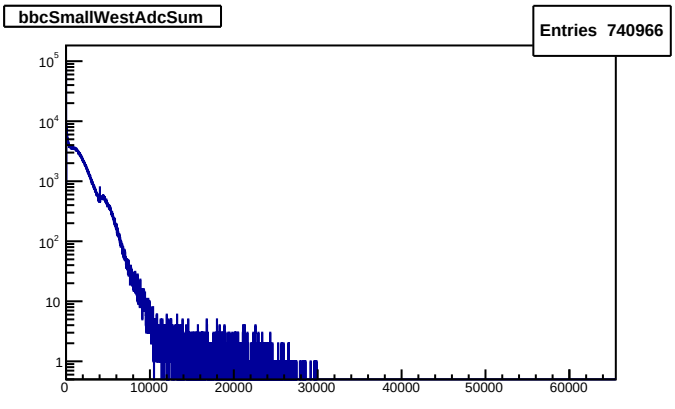

EQ3 QTC
Entries 7.113274e+07
TADC
QT Input Channel

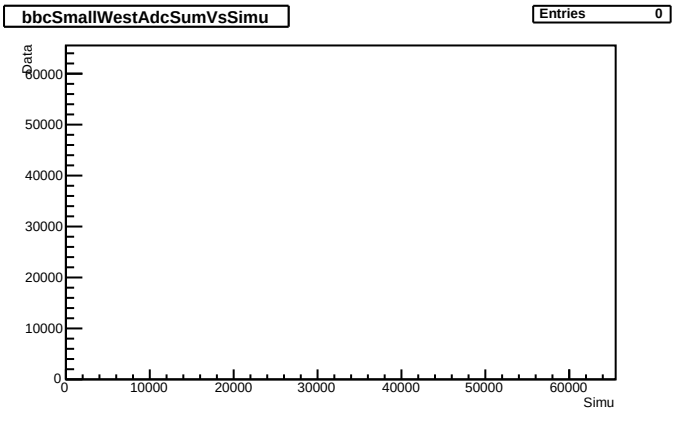

bbcSmallEastAdcSum
Entries 740966


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 740966


bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 740966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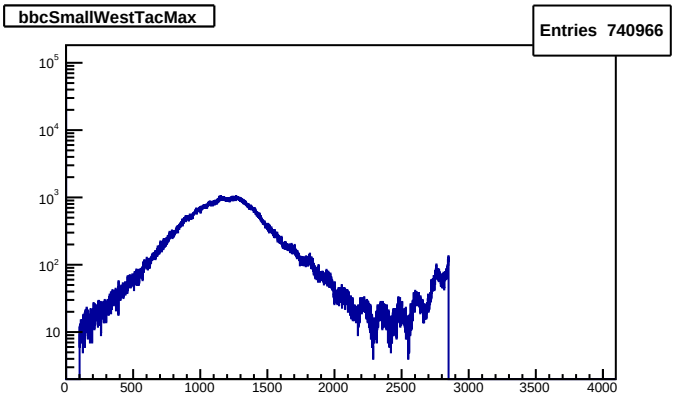
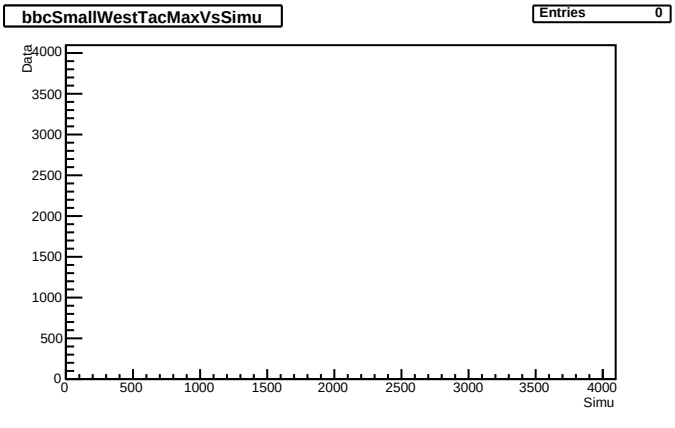
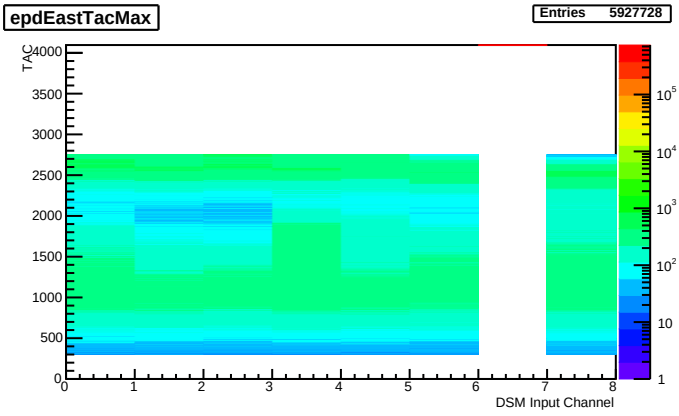
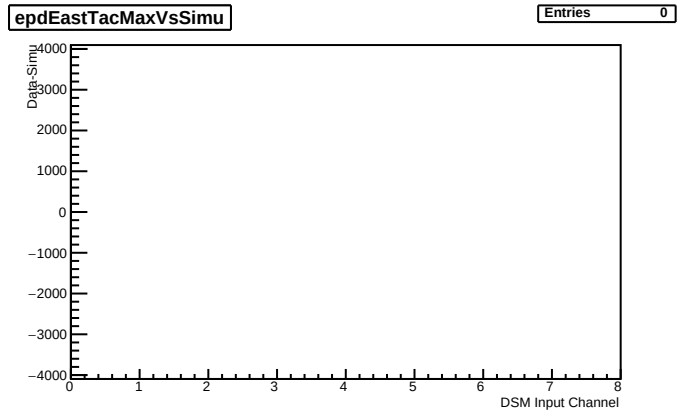
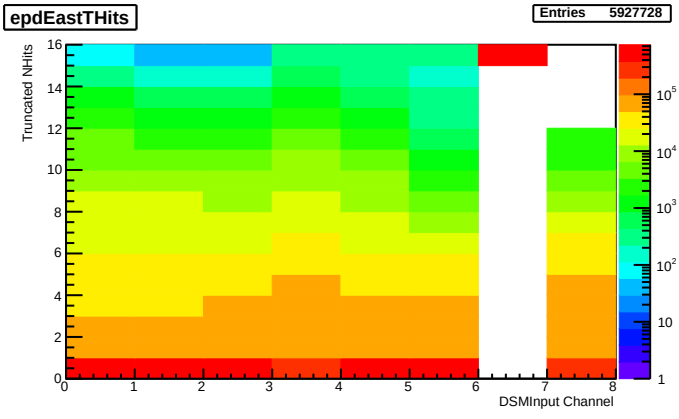
Entries 0
Data
Simu

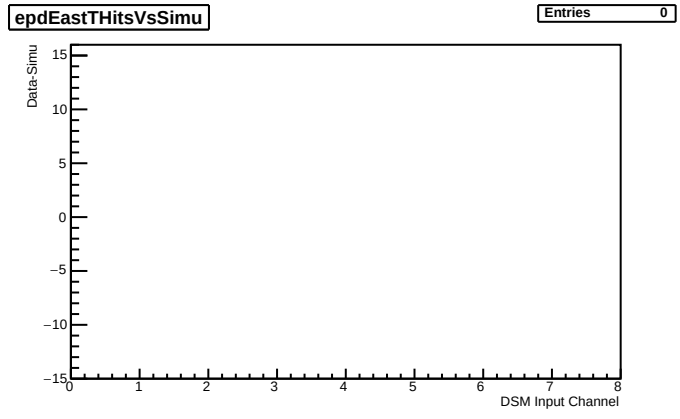

bbcSmallWestTacMax
Entries 740966


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5927728
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5927728
Truncated NHits
DSMInput Channel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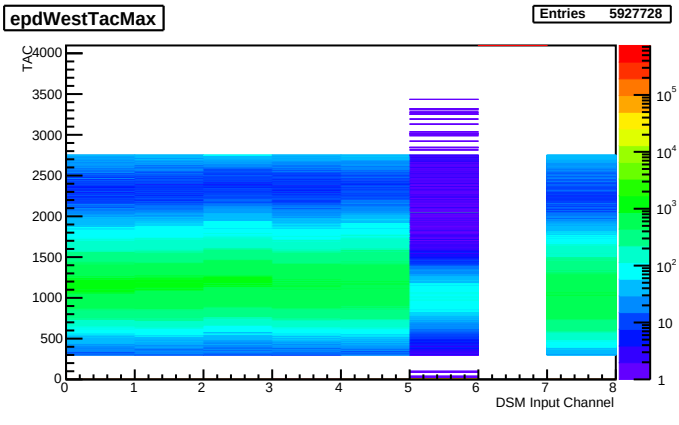
Data-Simu
DSM Input Channel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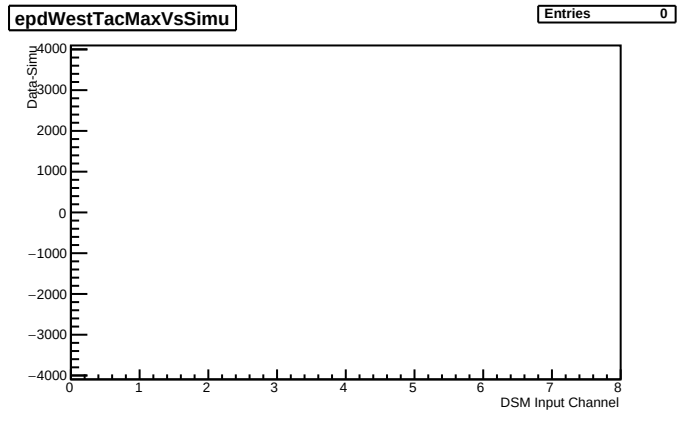
Entries 5927728
TAC
DSM Input Channel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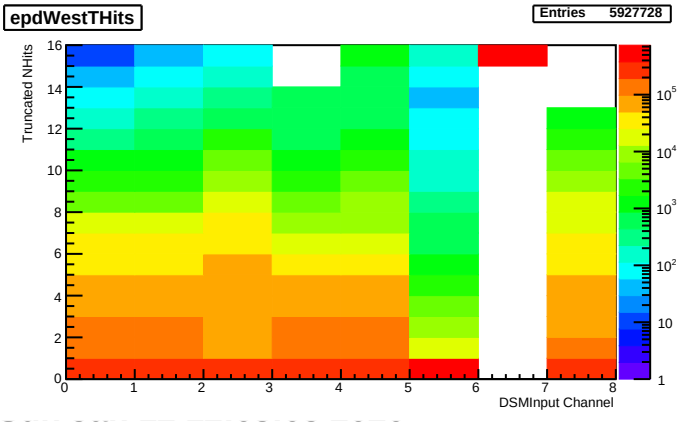
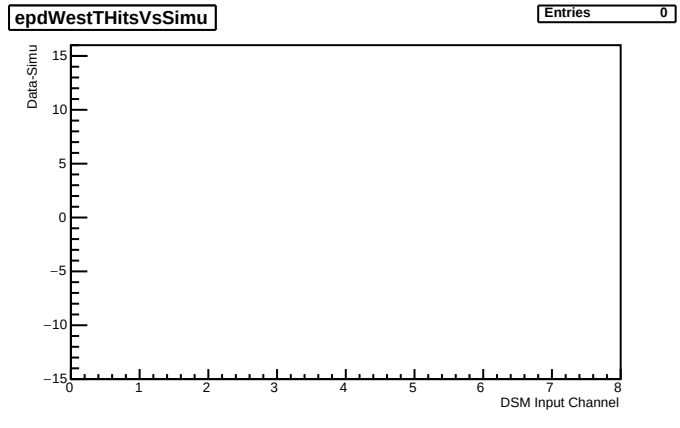
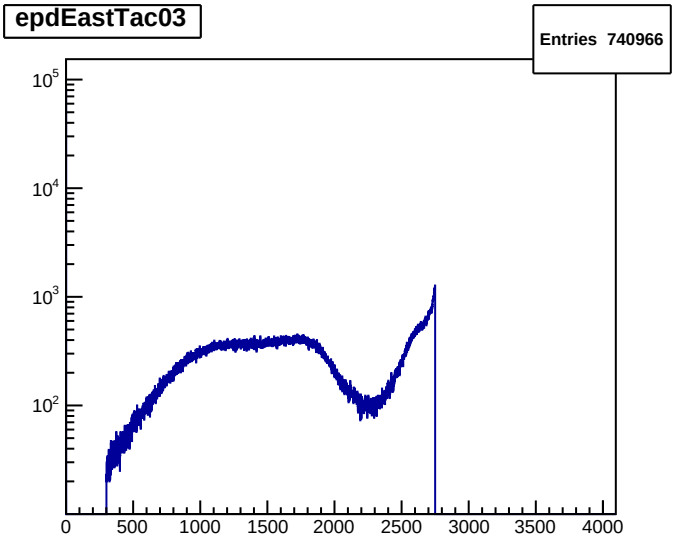
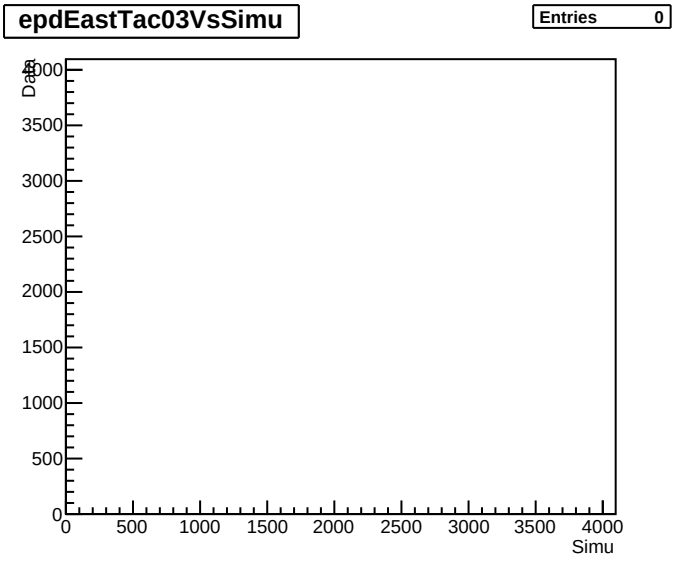
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5927728
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 740966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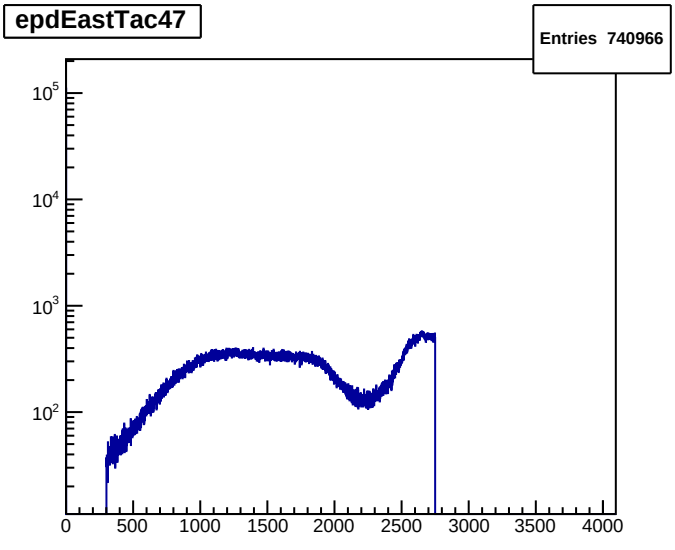
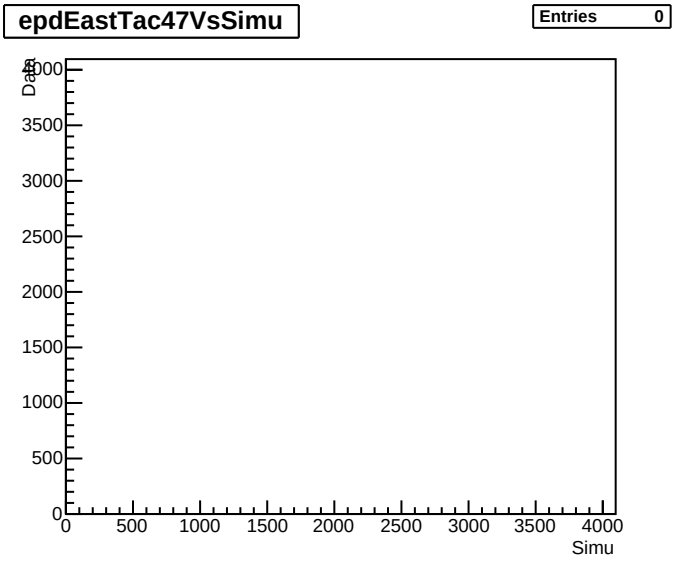
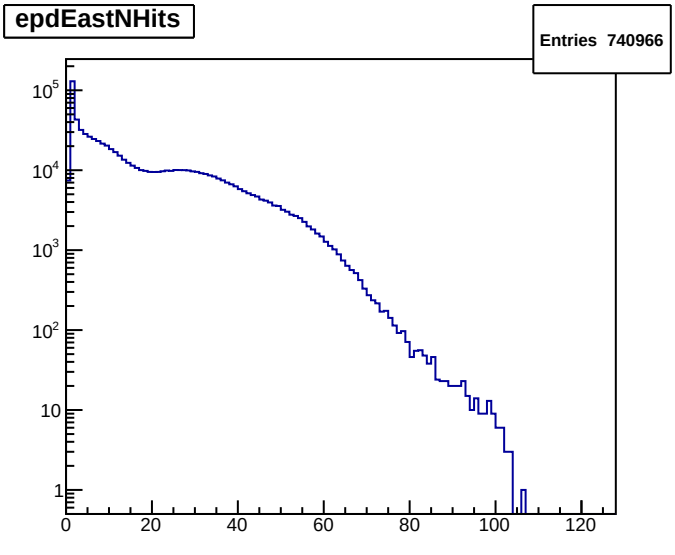
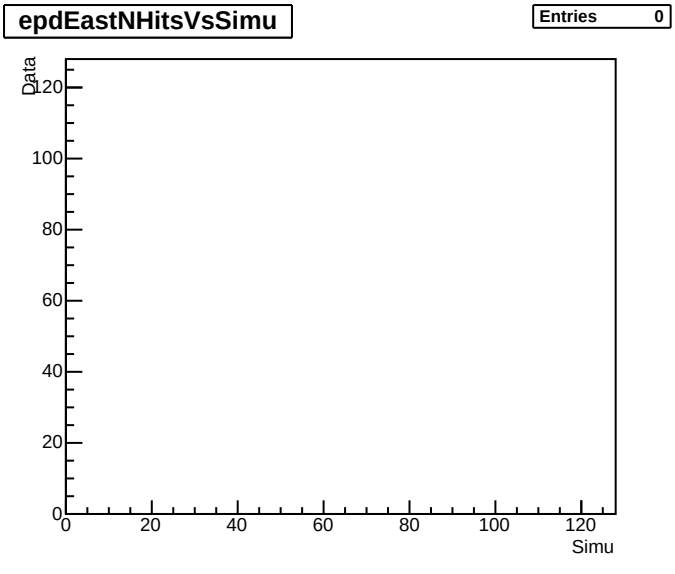
Entries 0
Data
Simu


epdEastTac47
Entries 740966


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 740966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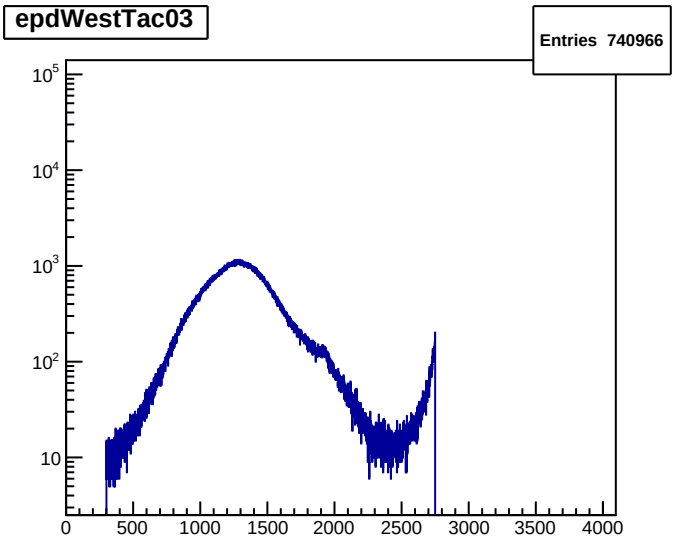
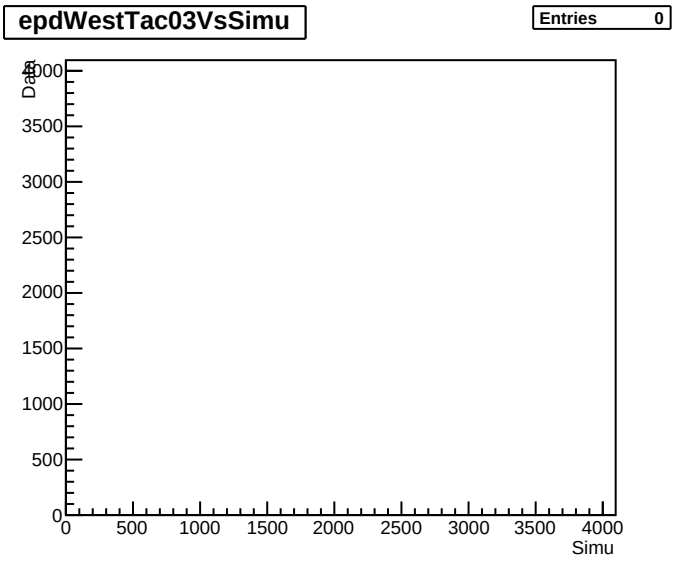
Entries 0
Data
Simu


epdWestTac03
Entries 740966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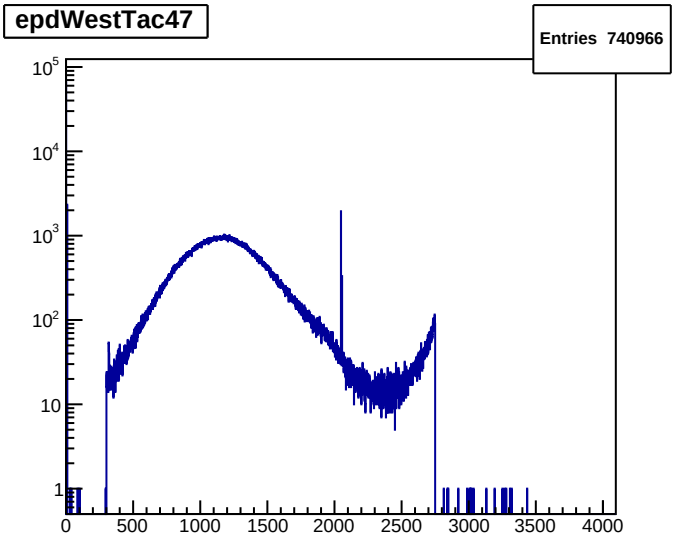
Entries 0
Data
Simu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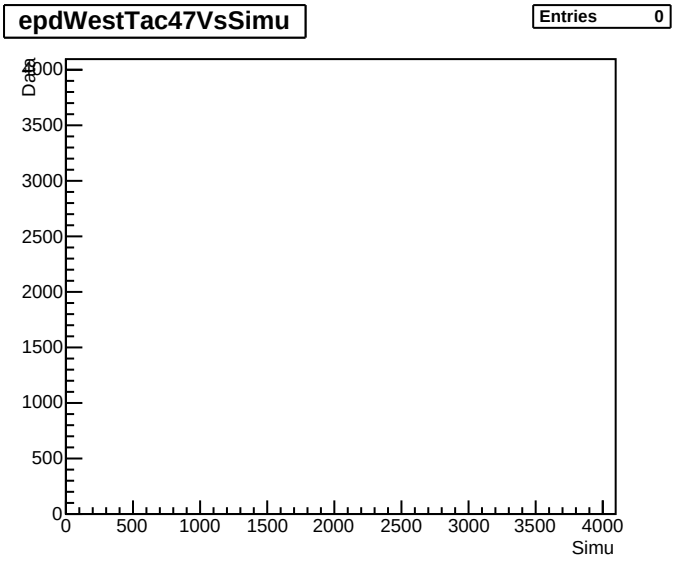
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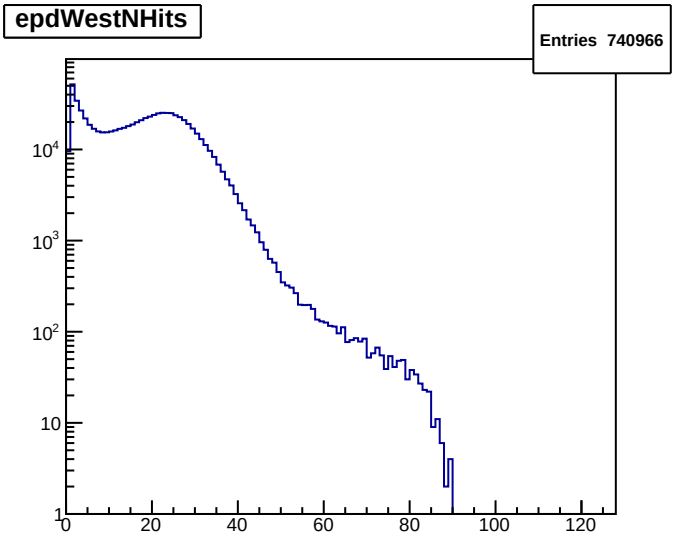
Entries 0
Data
Simu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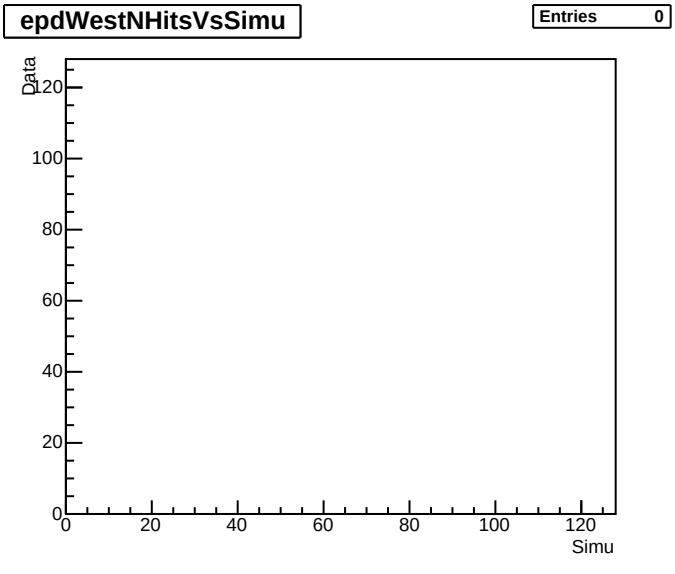
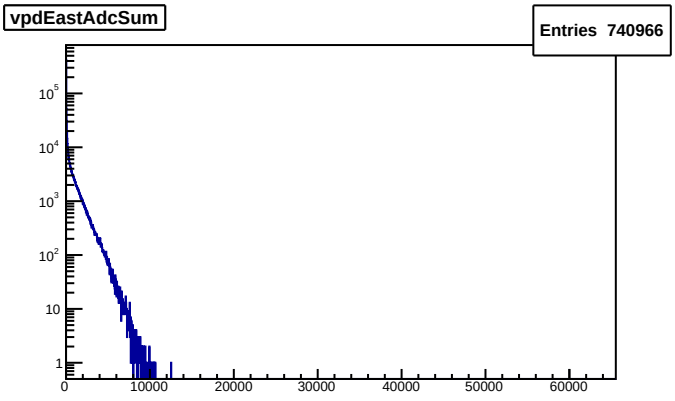
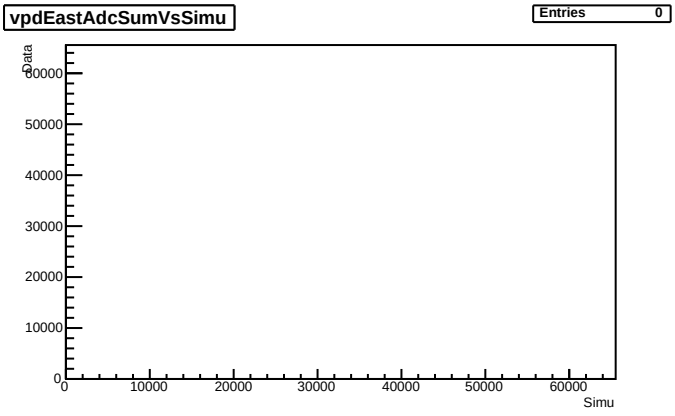
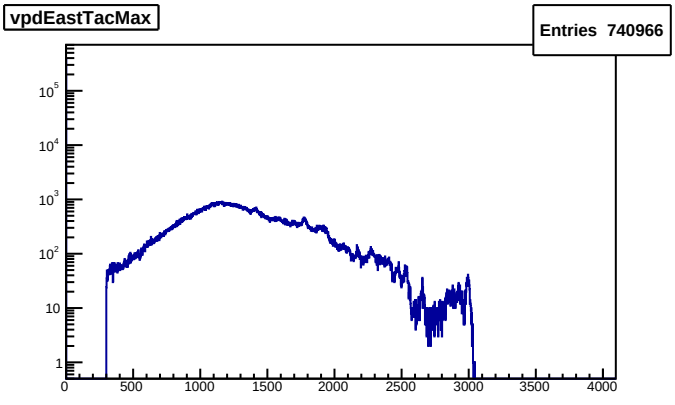
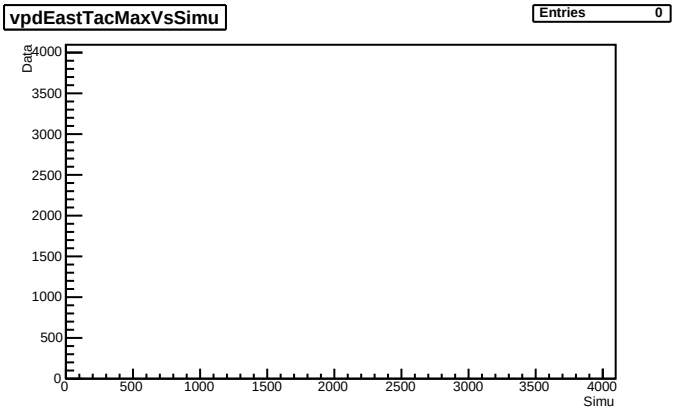
Entries 740966


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 740966


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 740966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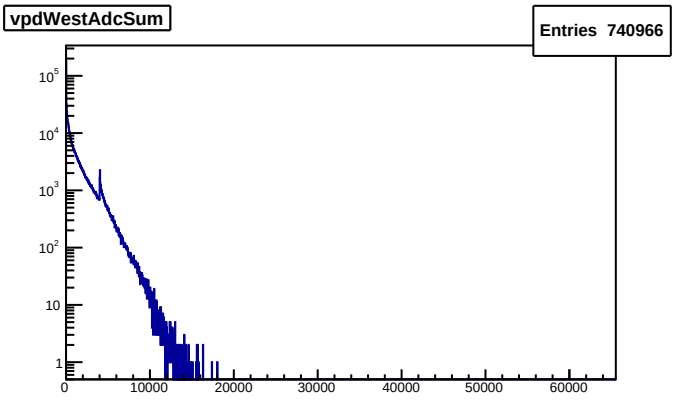
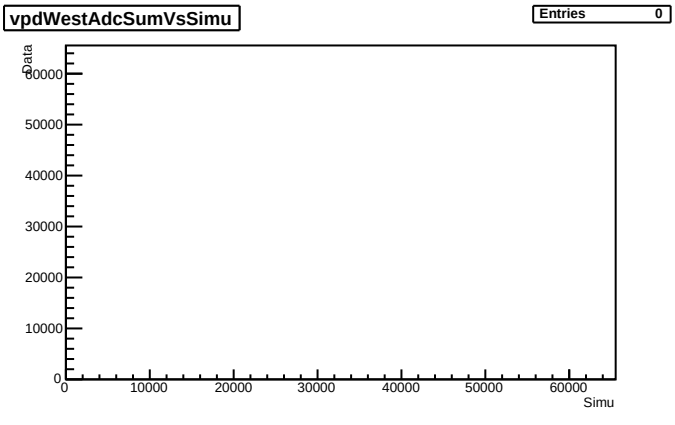
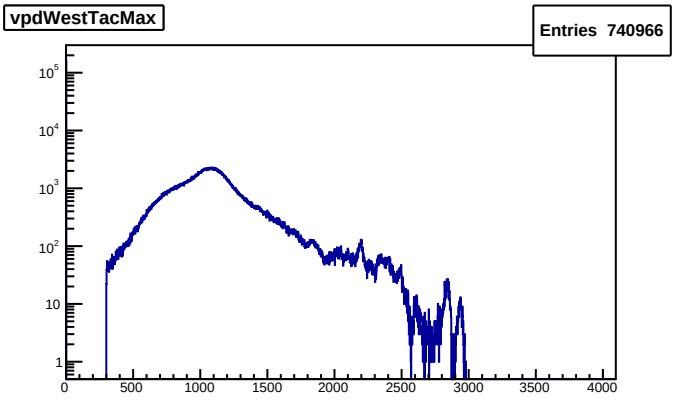
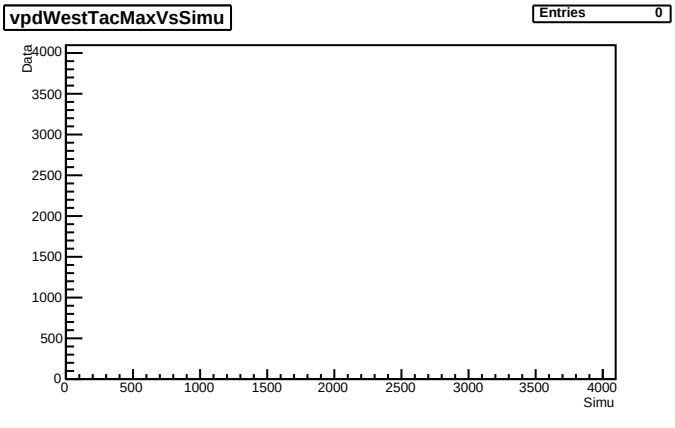
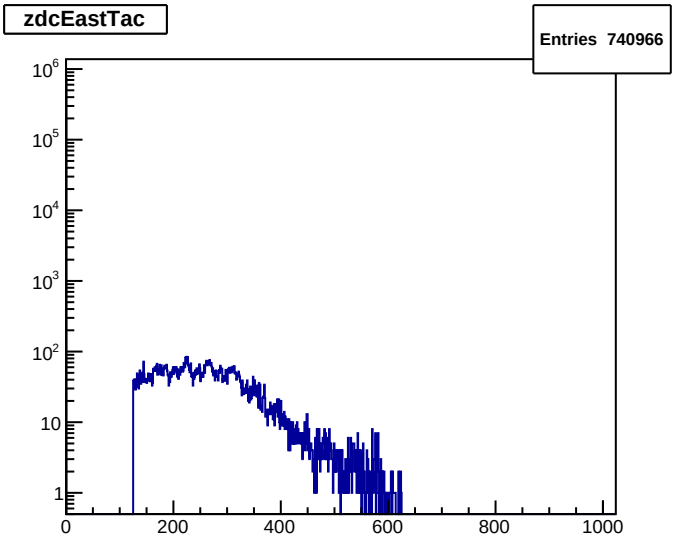
Entries 0
Data
Simu

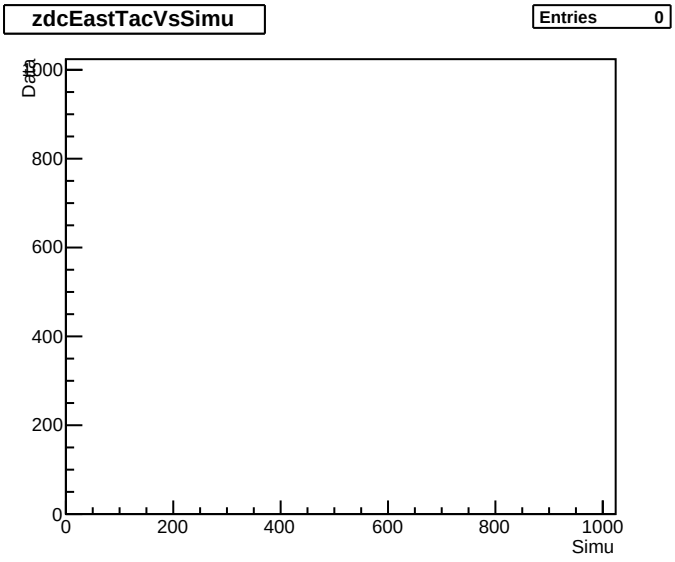

vpdWestAdcSum
Entries 740966

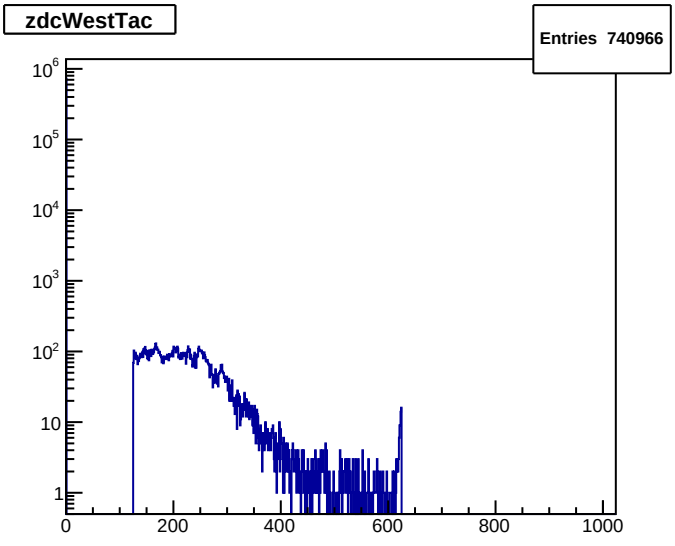

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

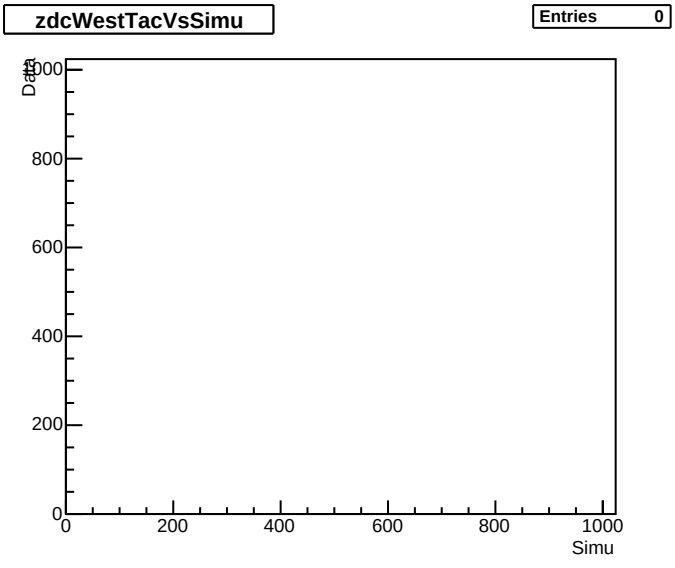

vpdWestTacMax
Entries 740966

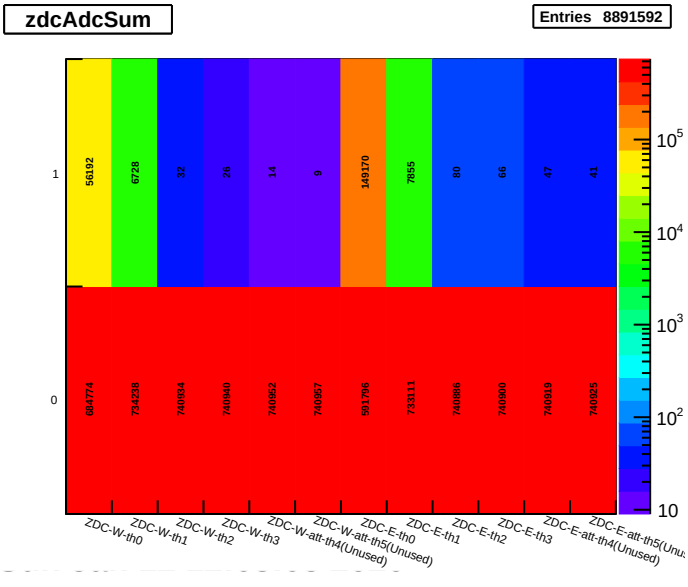

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

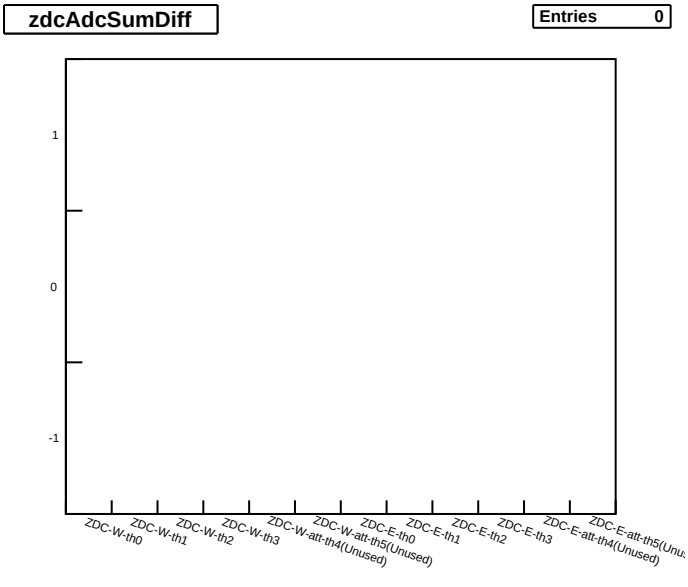

zdcEastTac
Entries 740966

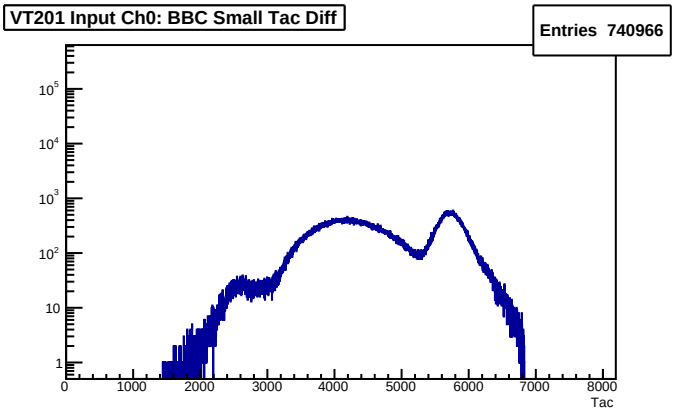

zdcEastTacVsSimu
Entries 0
Data
Simu

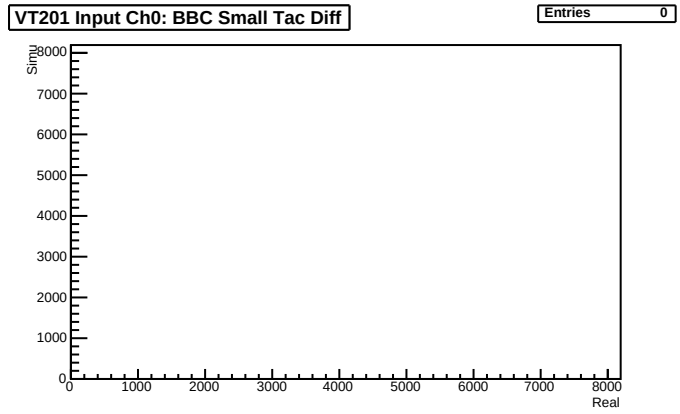

zdcWestTac
Entries 740966

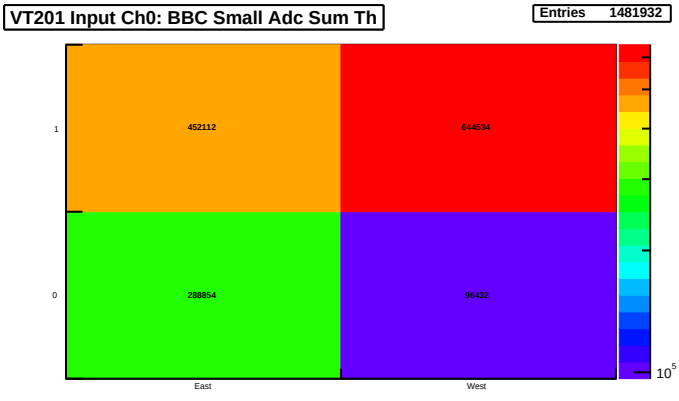

zdcWestTacVsSimu
Entries 0
Data
Simu

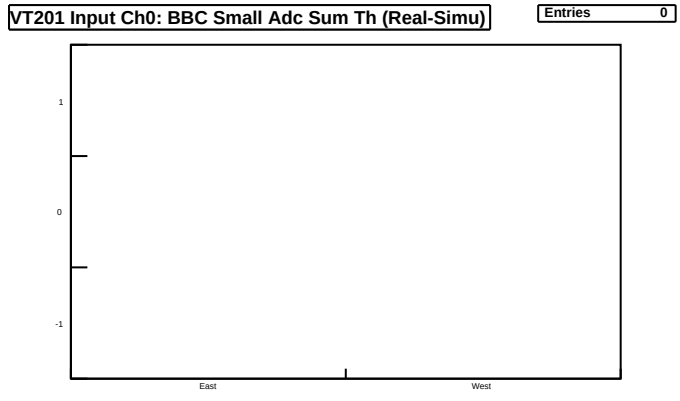

zdcAdcSum
Entries 8891592
56192
6728
32
26
14
9
149170
7855
80
66
47
41
684774
734238
740934
740940
740952
740957
591796
733111
740886
740900
740919
740925
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

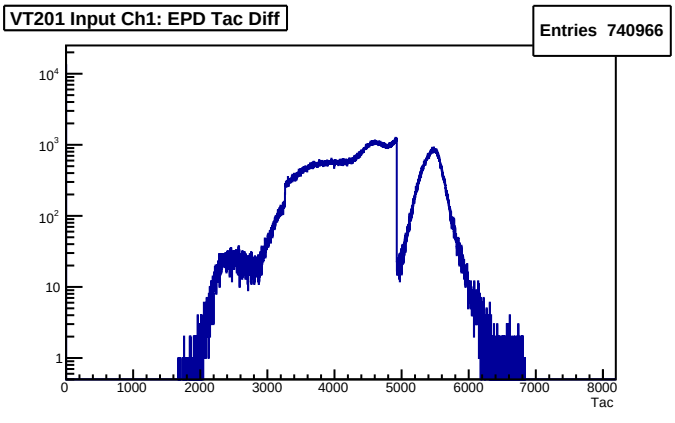

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

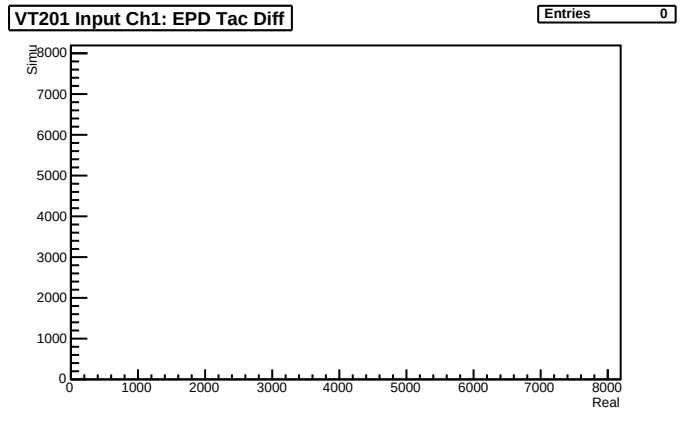

VT201 Input Ch0: BBC Small Tac Diff
Entries 740966
Tac

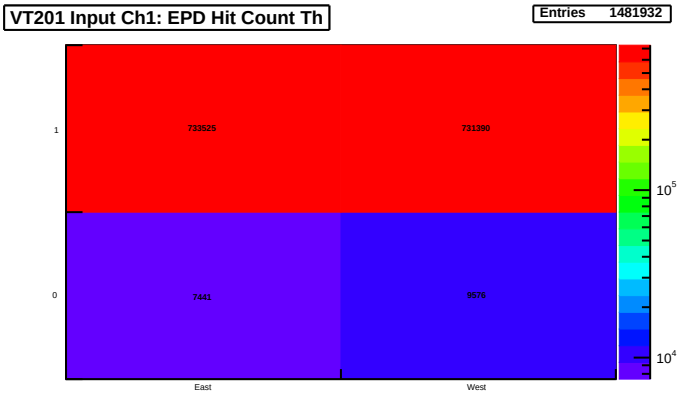

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

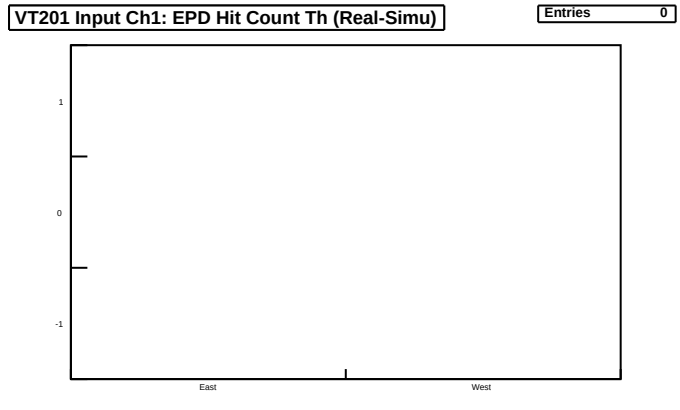

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1481932
452112
644534
288854
96432
East
West

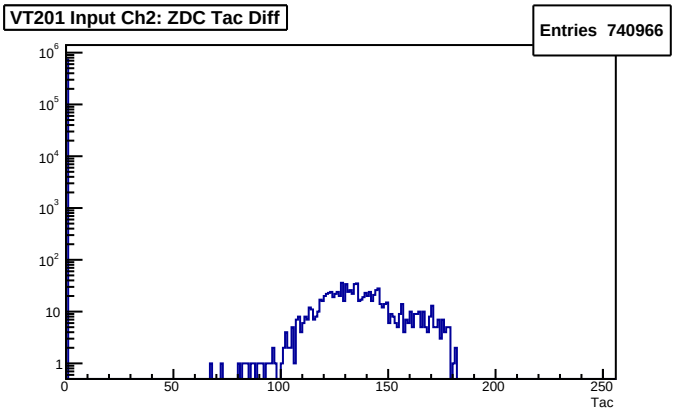

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

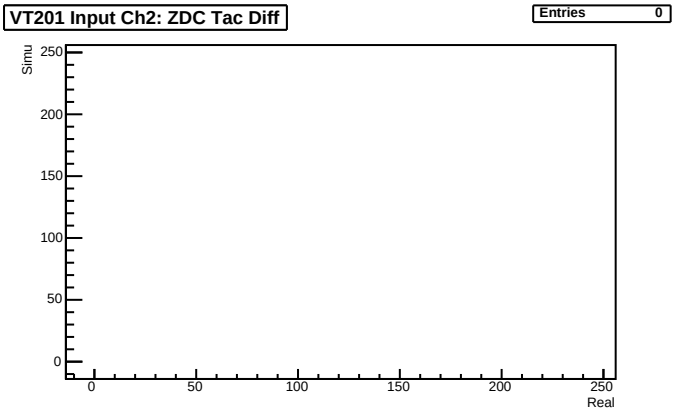

VT201 Input Ch1: EPD Tac Diff
Entries 740966
Tac

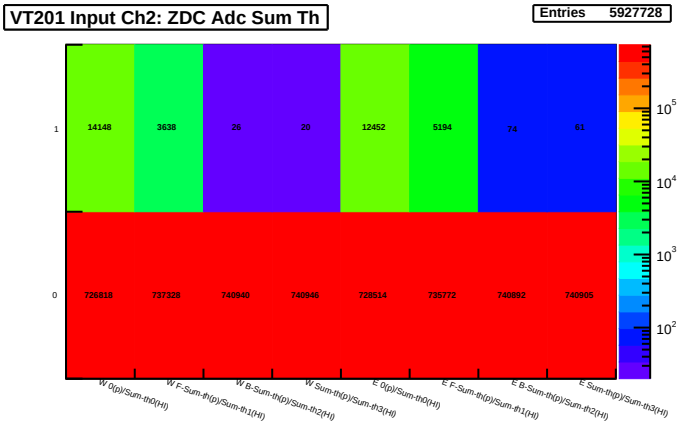

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

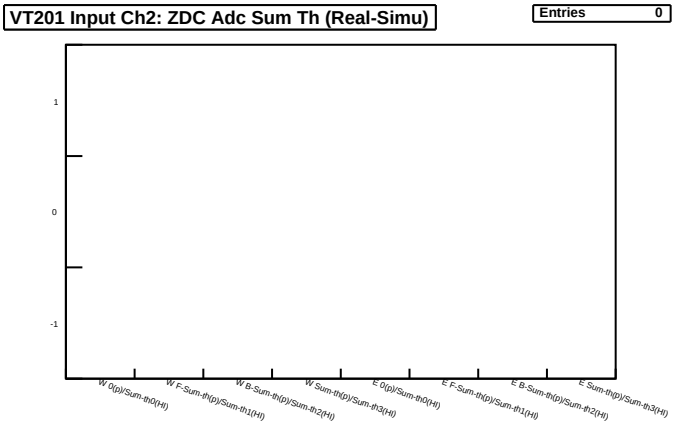

VT201 Input Ch1: EPD Hit Count Th
Entries 1481932
733525
731390
7441
9576
East
West

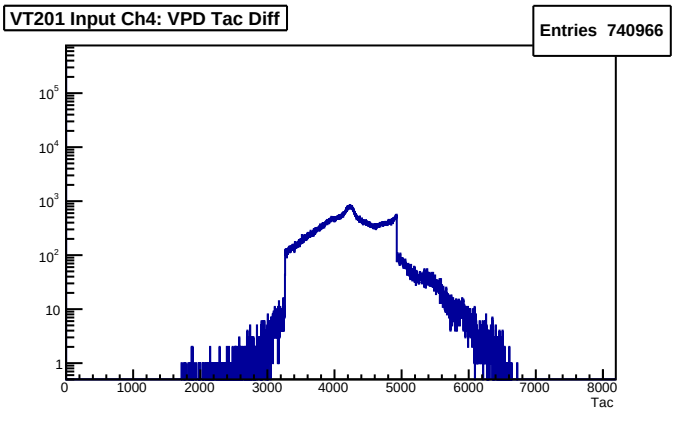

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

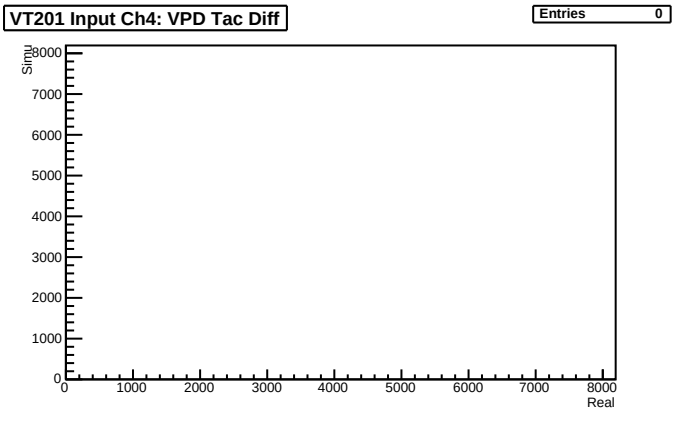

VT201 Input Ch2: ZDC Tac Diff
Entries 740966
Tac

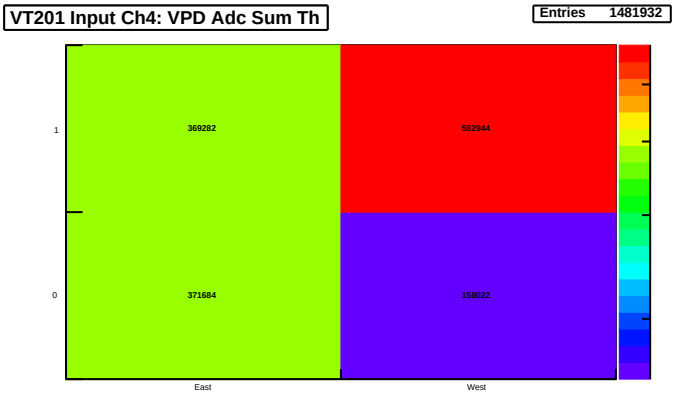

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

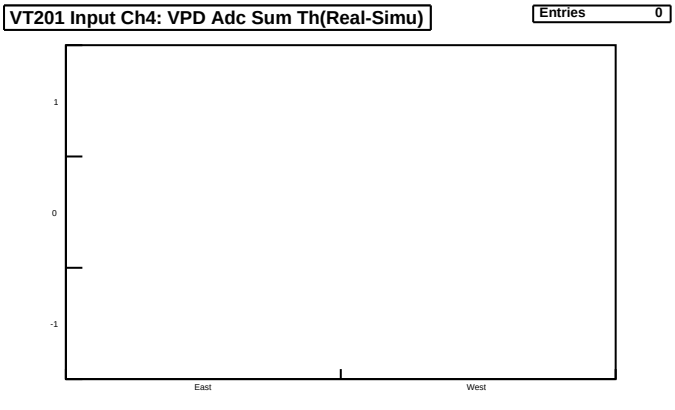

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5927728
14148
3638
26
20
12452
5194
74
61
726818
737328
740940
740946
728514
735772
740892
740905
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

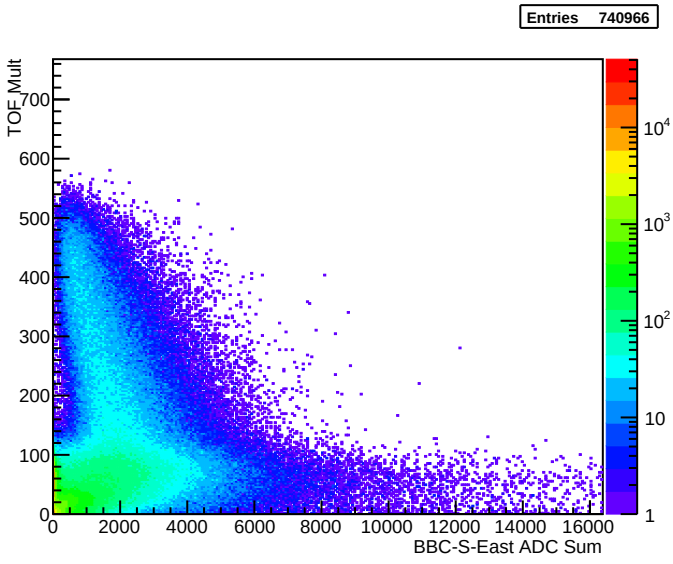

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

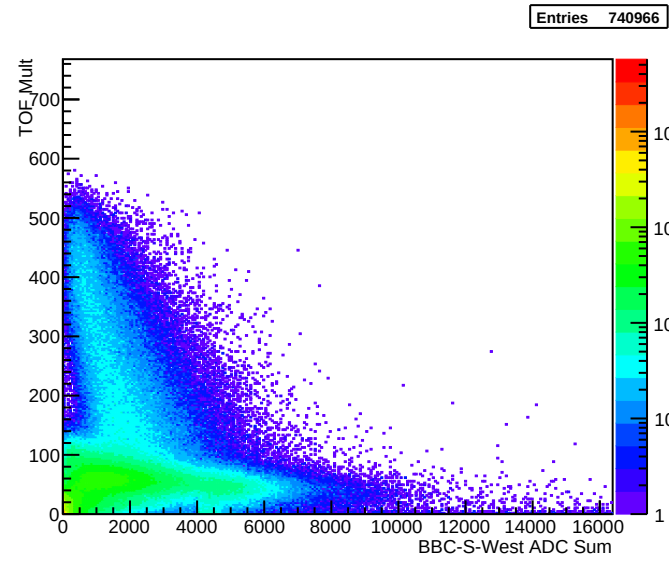

VT201 Input Ch4: VPD Tac Diff
Entries 740966
Tac

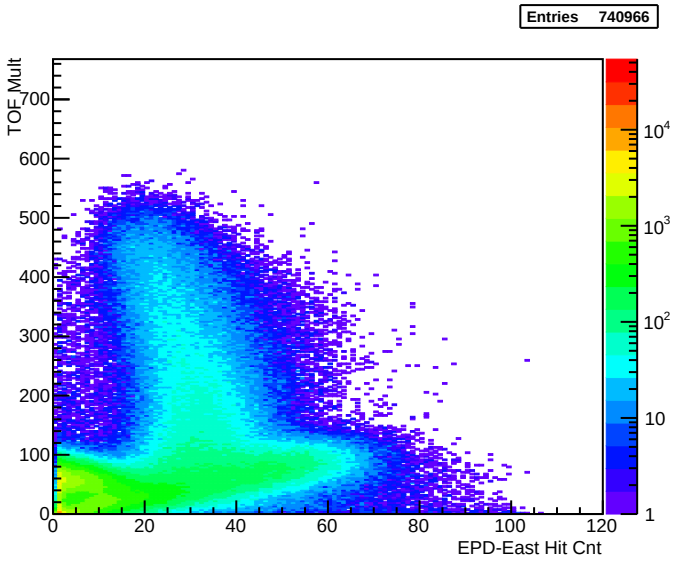

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

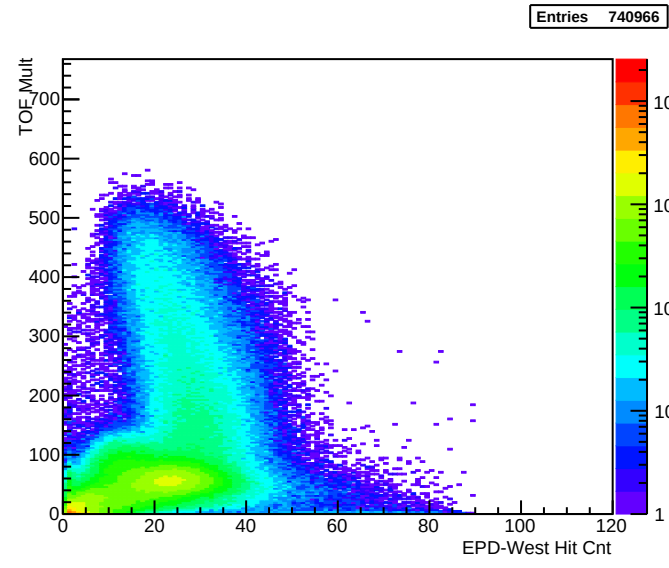

VT201 Input Ch4: VPD Adc Sum Th
Entries 1481932
369282
582944
371684
158022
East
West

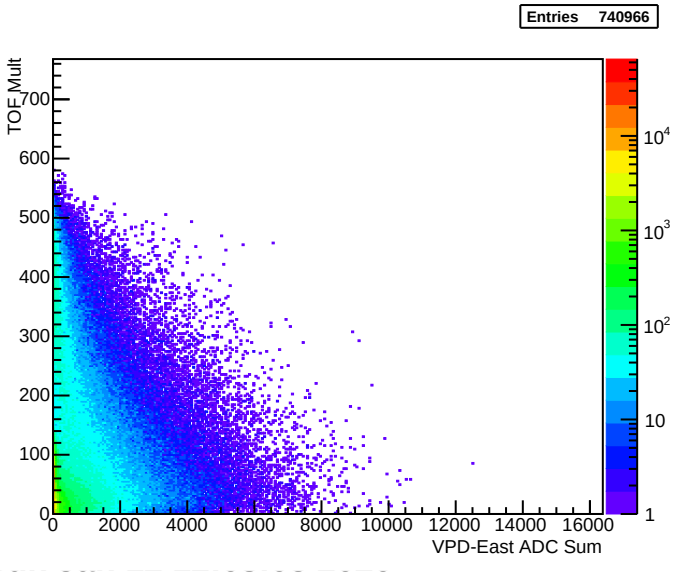

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

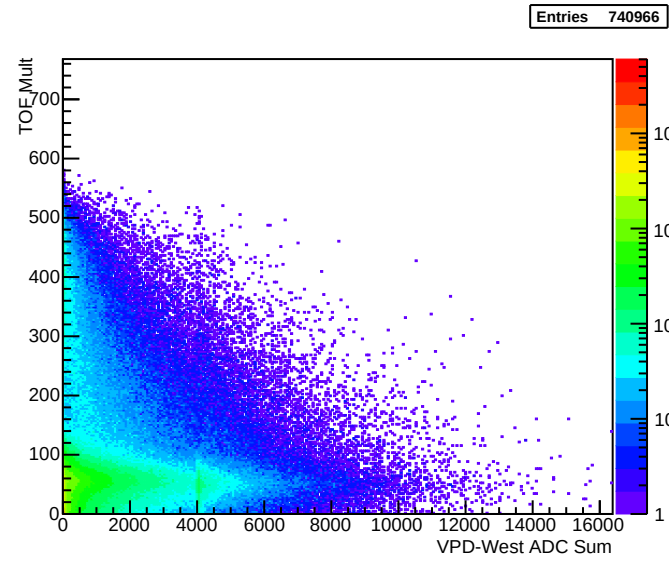

Entries 740966
TOF_Mult
BBC-S-East ADC Sum

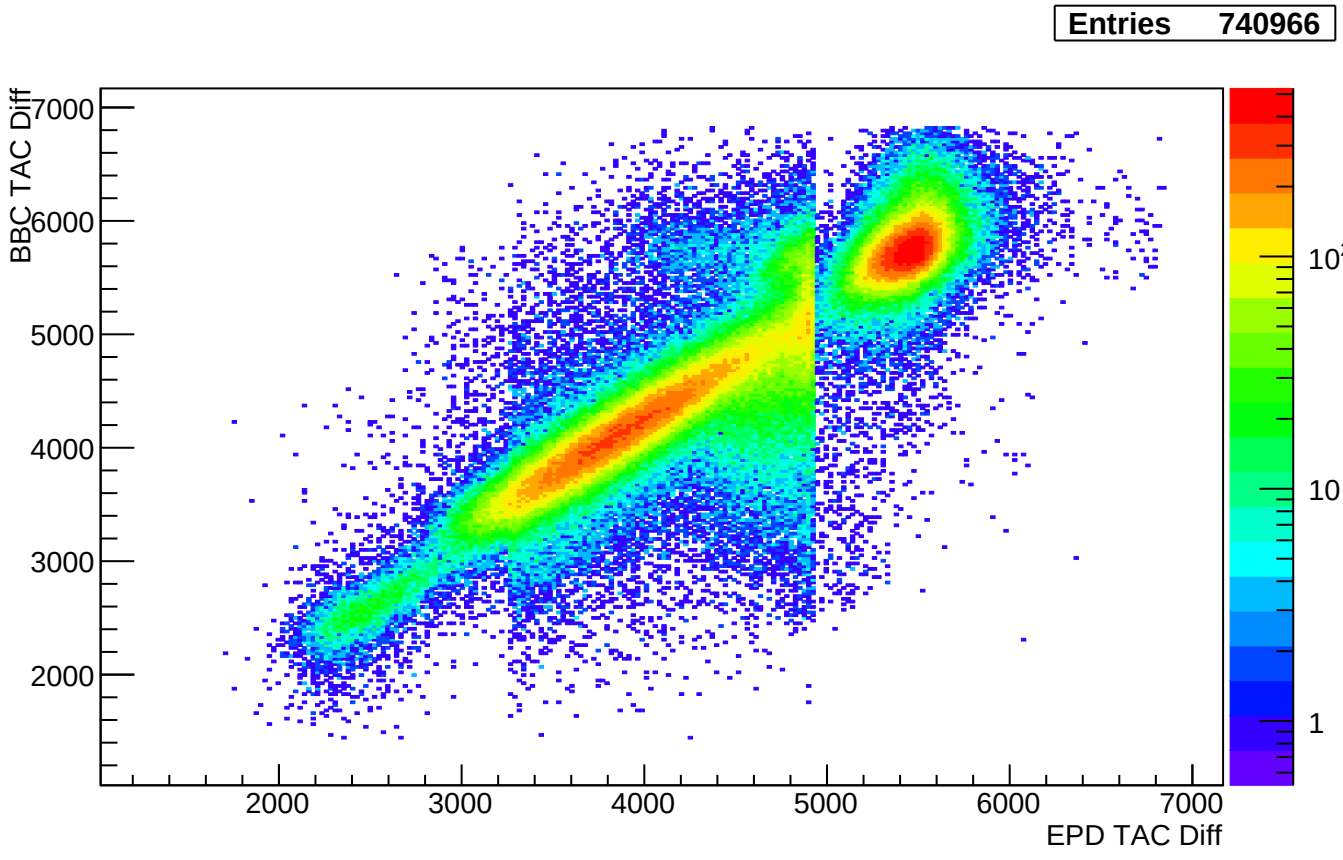

Entries 740966
TOF_Mult
BBC-S-West ADC Sum

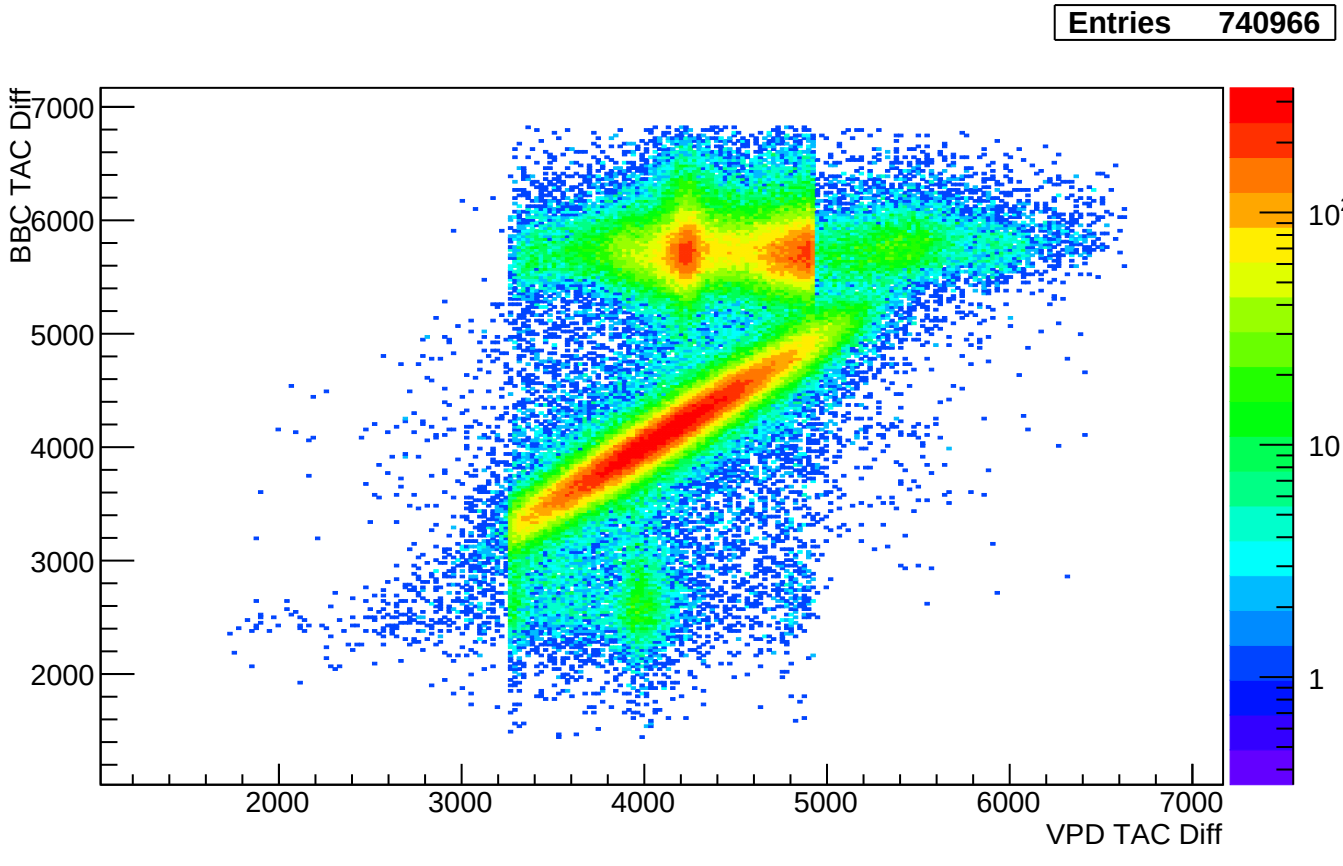

Entries 740966
TOF_Mult
EPD-East Hit Cnt

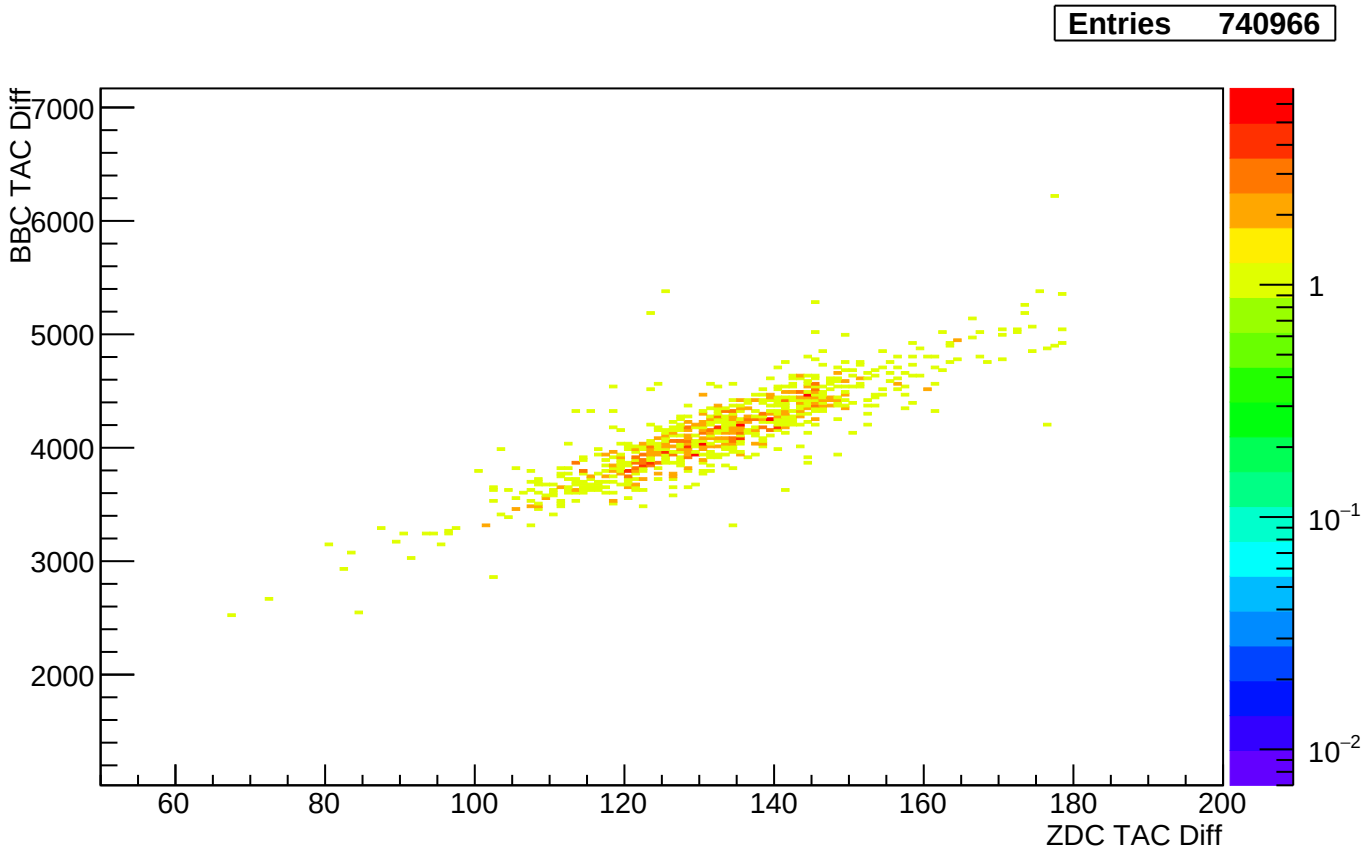

Entries 740966
TOF_Mult
EPD-West Hit Cnt

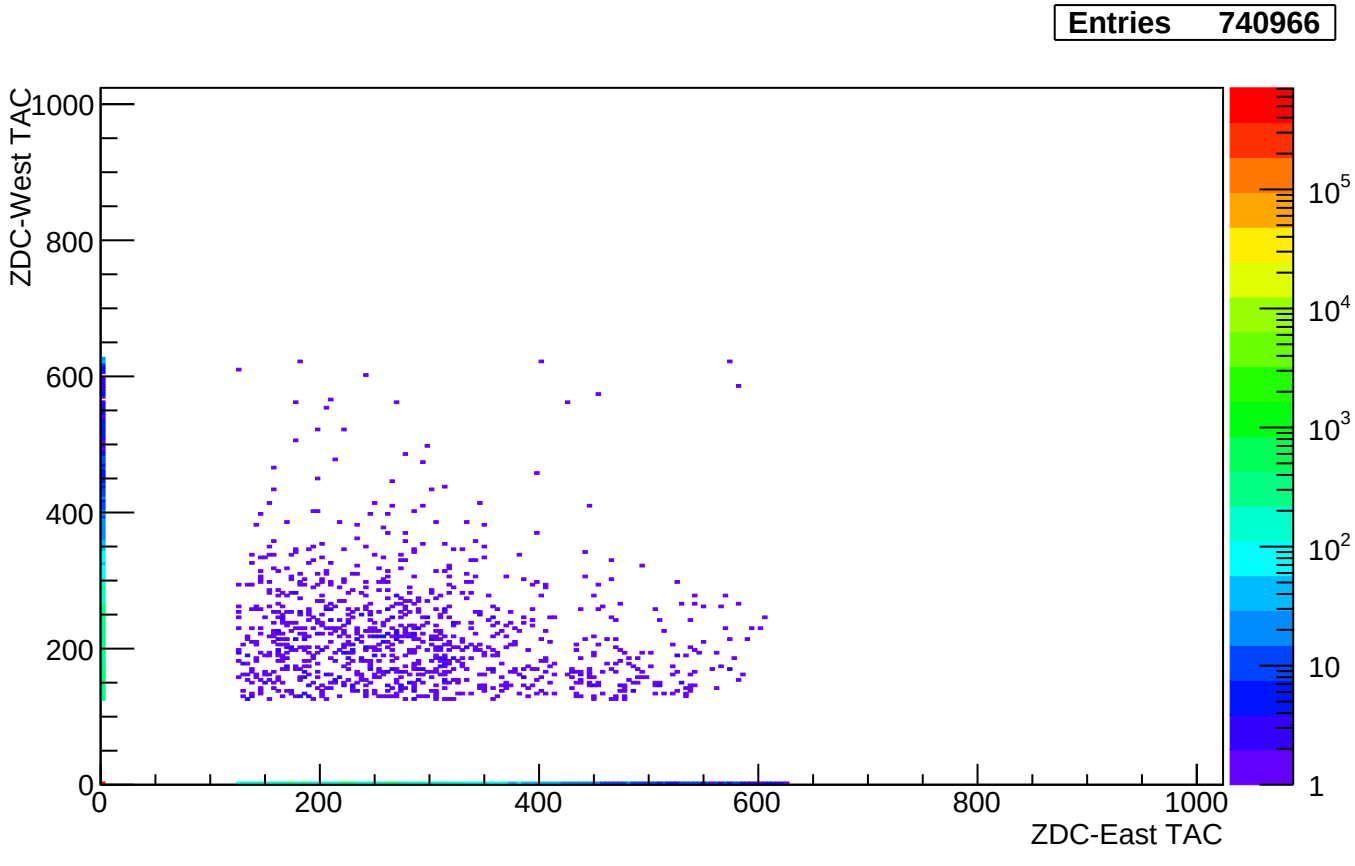

Entries 740966
TOF_Mult
VPD-East ADC Sum

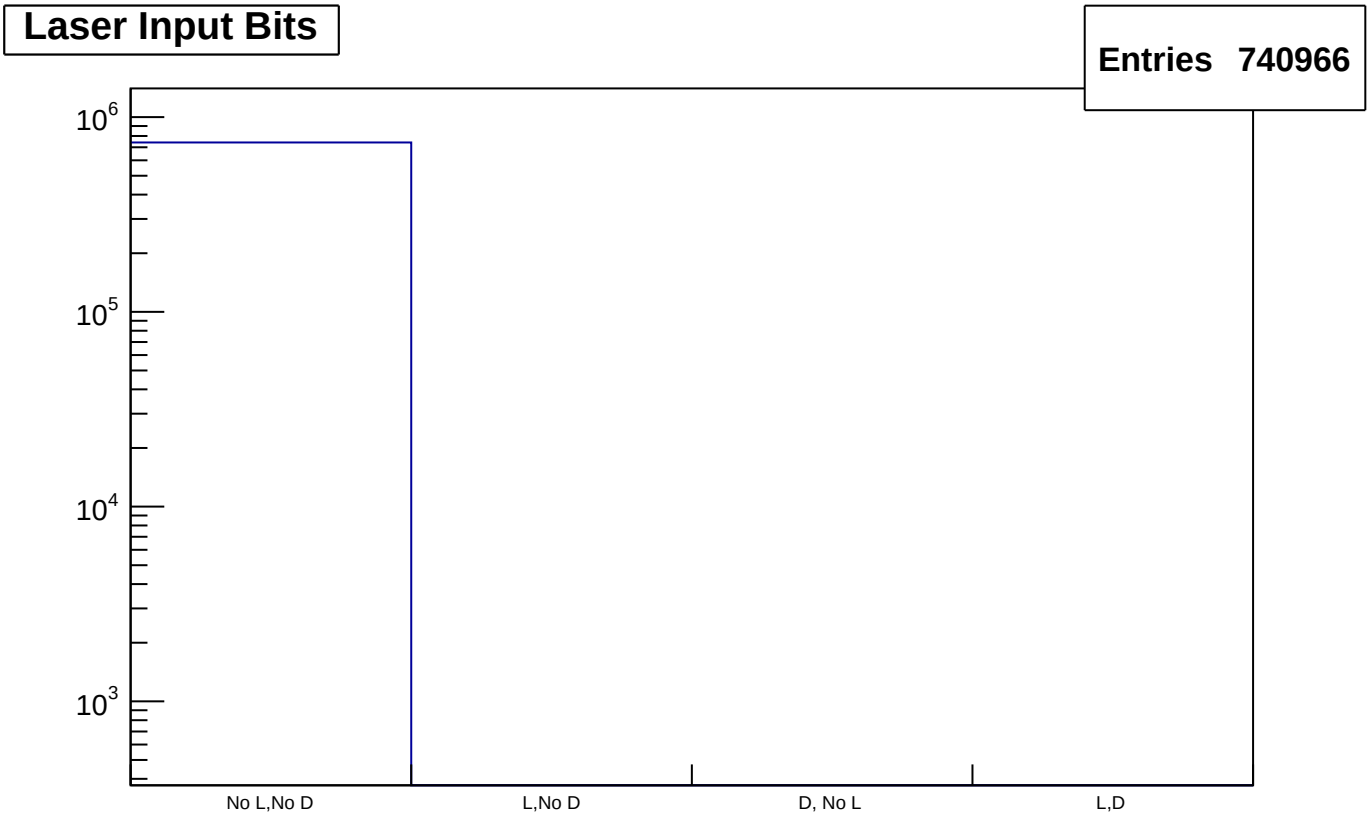

Entries 740966
TOF_Mult
VPD-West ADC Sum

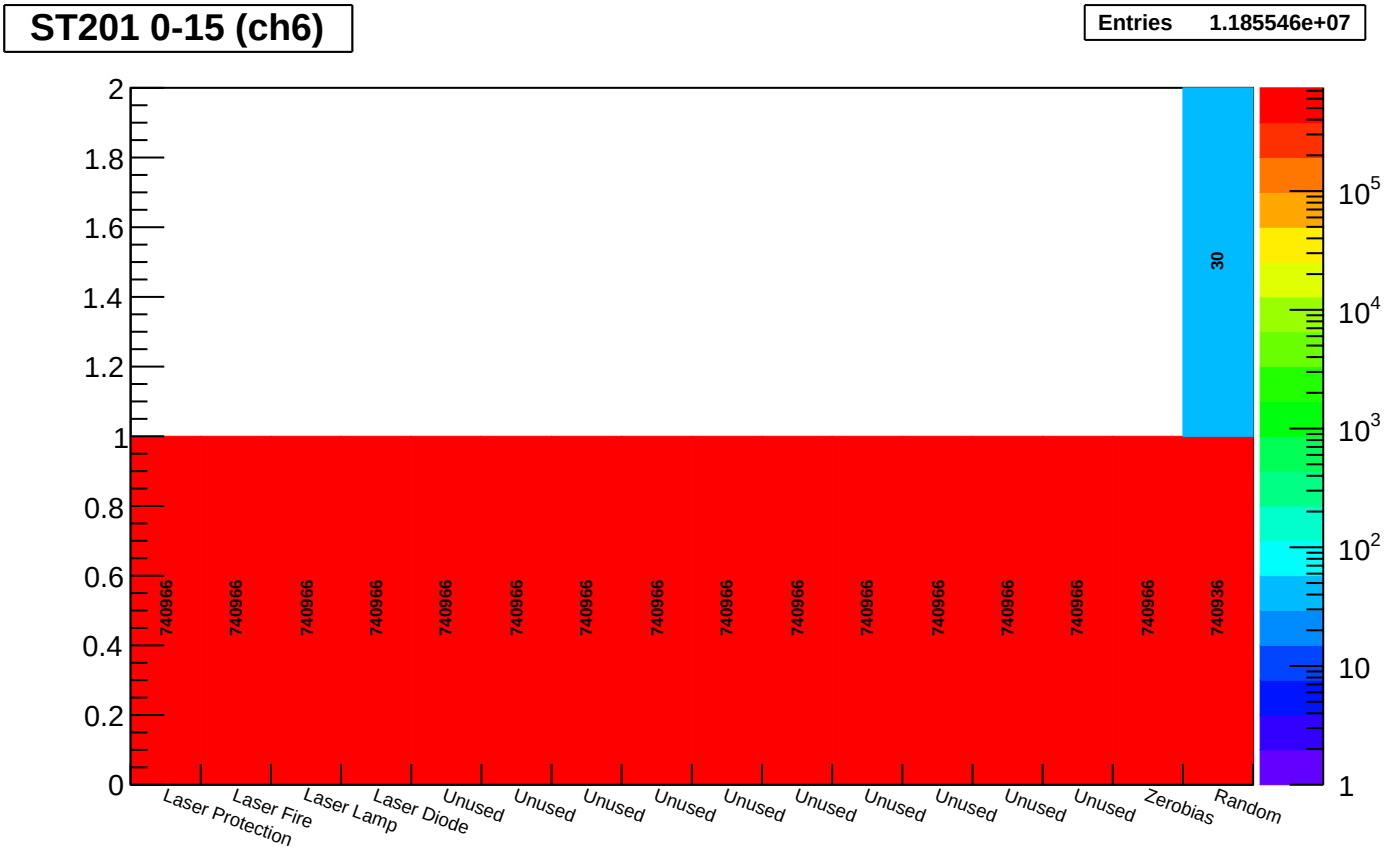

Entries 740966
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

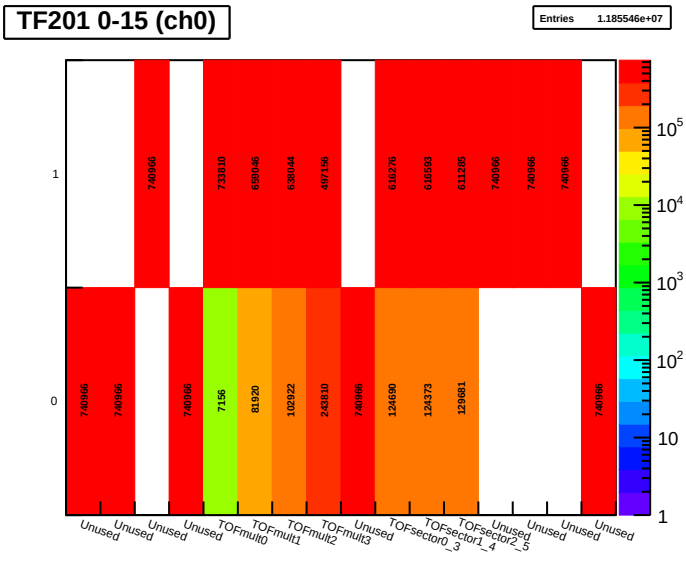

Entries 740966
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

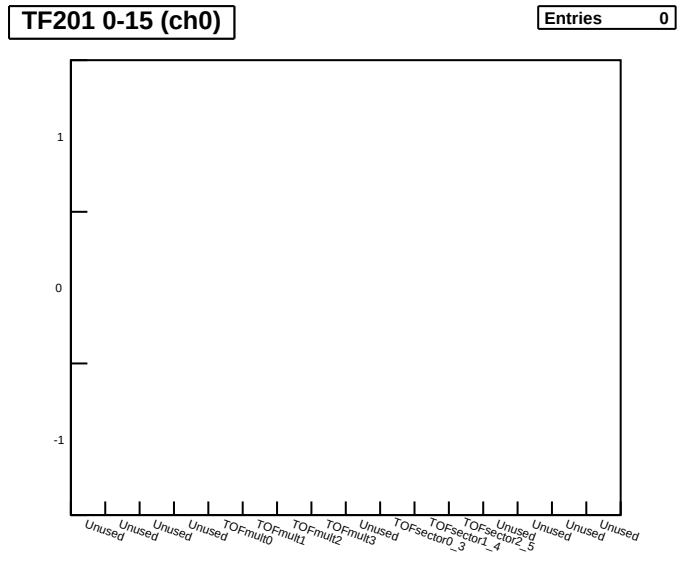

Entries 740966
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

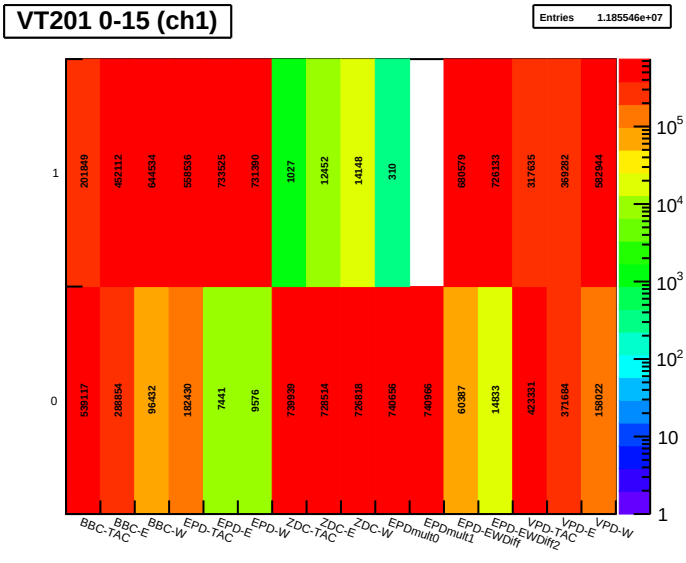

Entries 740966
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

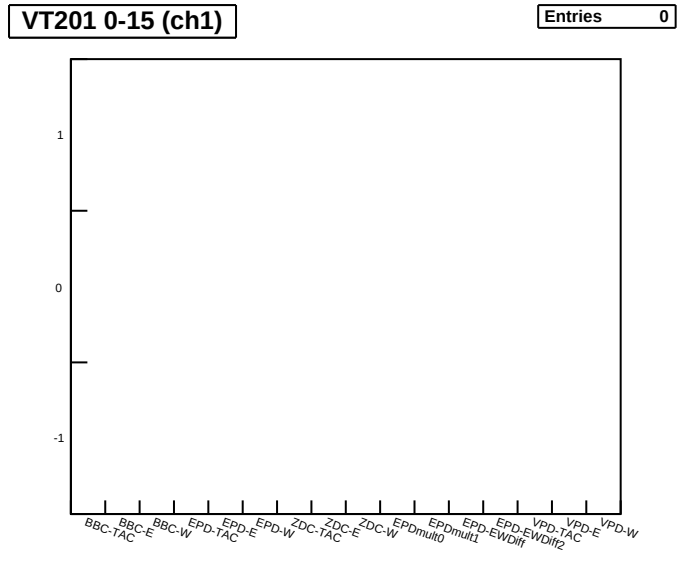

Laser Input Bits
Entries 740966
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

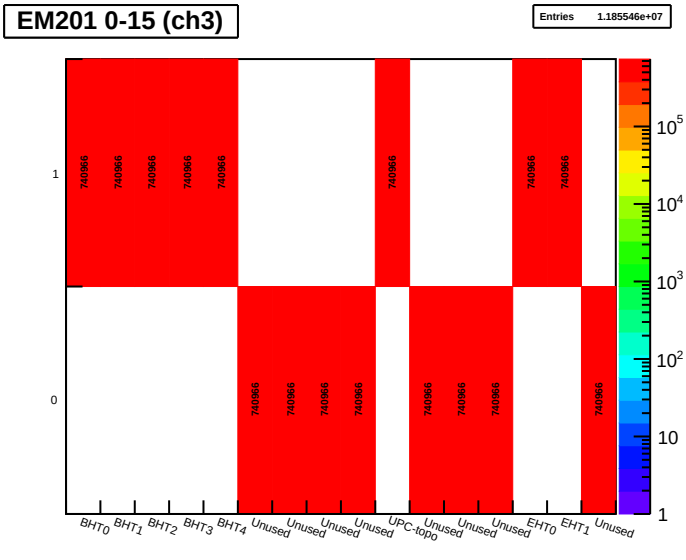

ST201 0-15 (ch6)
Entries 1.185546e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
740966
740966
740966
740966
740966
740966
740966
740966
740966
740966
740966
740966
740966
740966
740966
740936
30
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

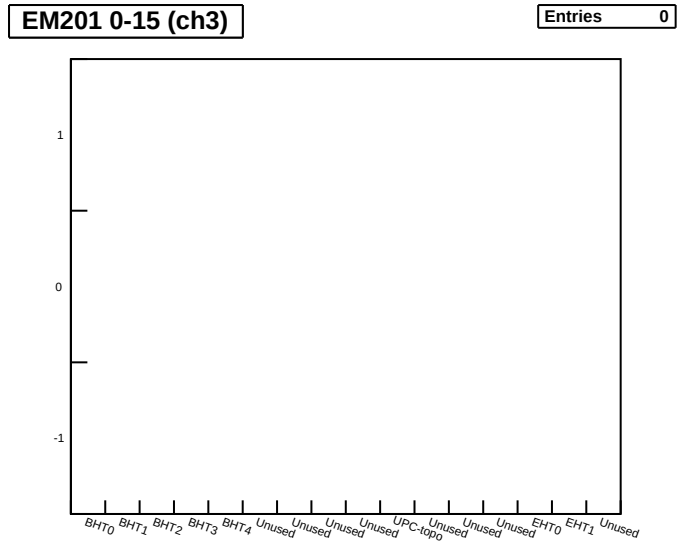

TF201 0-15 (ch0)
Entries 1.185546e+07
1
0
740966 740966 740966 733810 639046 630044 497156 616276 616593 611285 740966 740966 740966
740966 740966 740966 7156 81920 102922 243810 740966 124690 124373 129681 740966
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 1.185546e+07
1
0
201849 452112 644534 558536 733525 731390 1027 12452 14148 310 680579 726133 317635 369282 582944
539117 288854 96432 182430 7441 9576 739939 728514 726818 740656 740966 60387 14833 423331 371684 158022
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
1 10 10^2 10^3 10^4 10^5


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 1.185546e+07
1
0
740966 740966 740966 740966 740966 740966 740966 740966 740966
740966 740966 740966 740966 740966 740966 740966 740966
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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