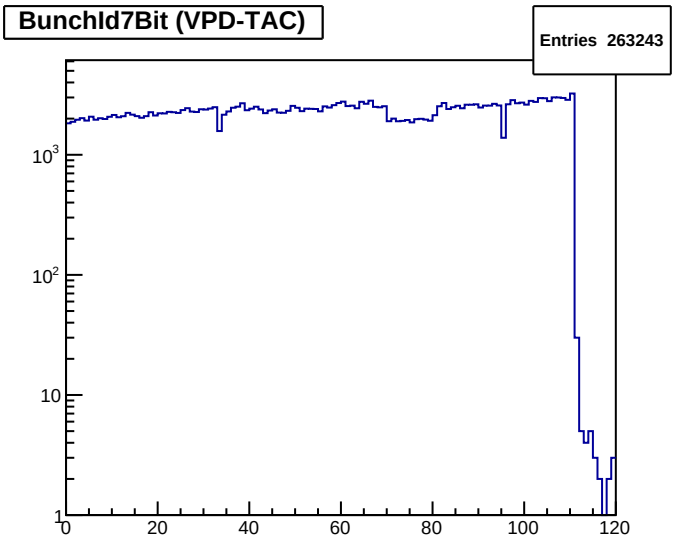
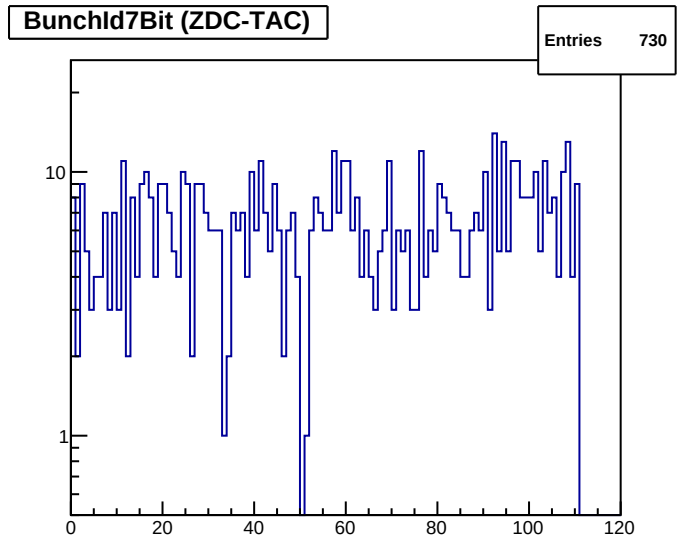
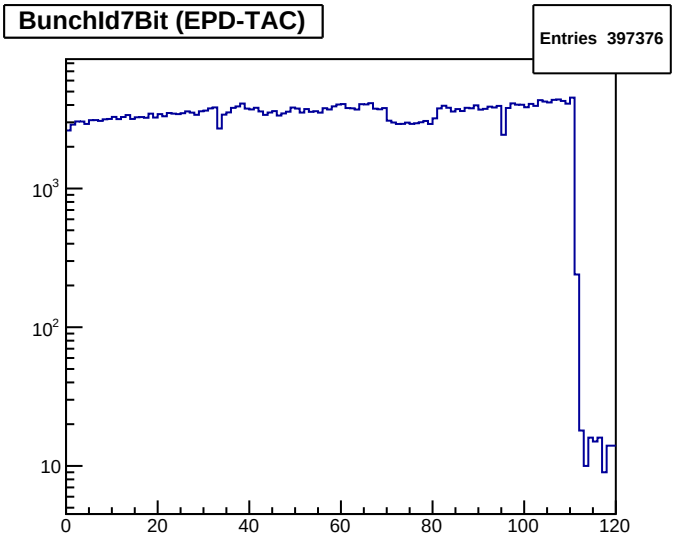
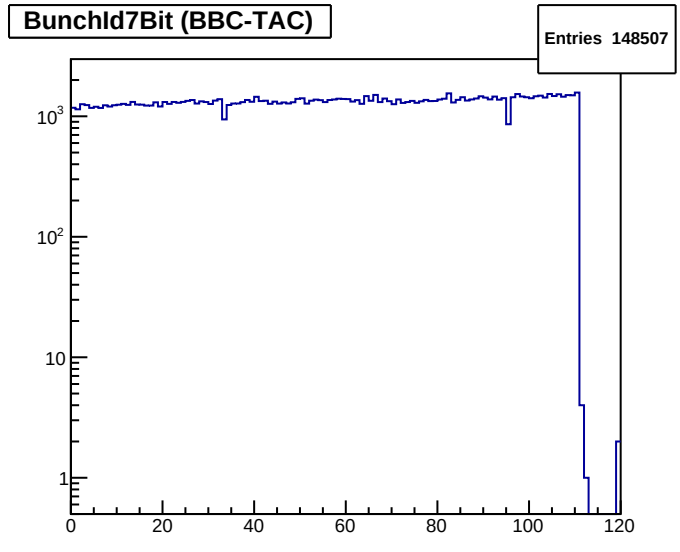
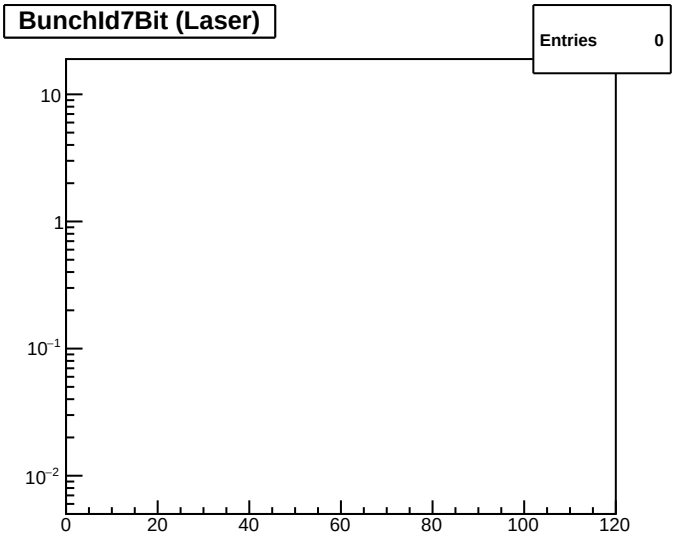
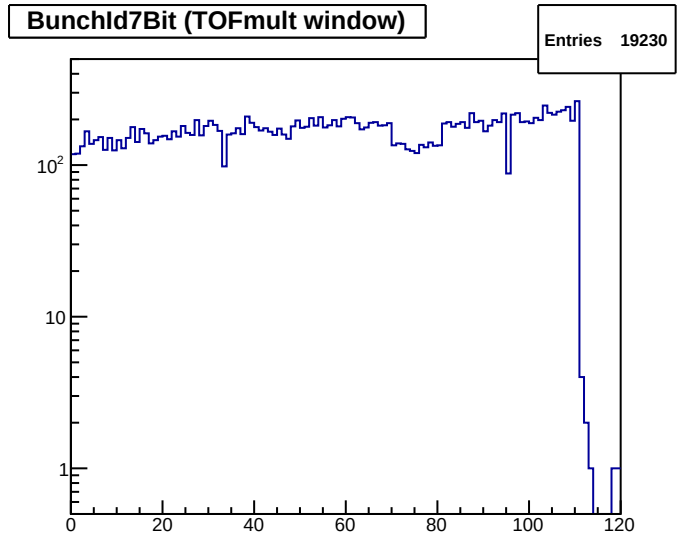

BunchId7Bit (VPD-TAC)
Entries 263243

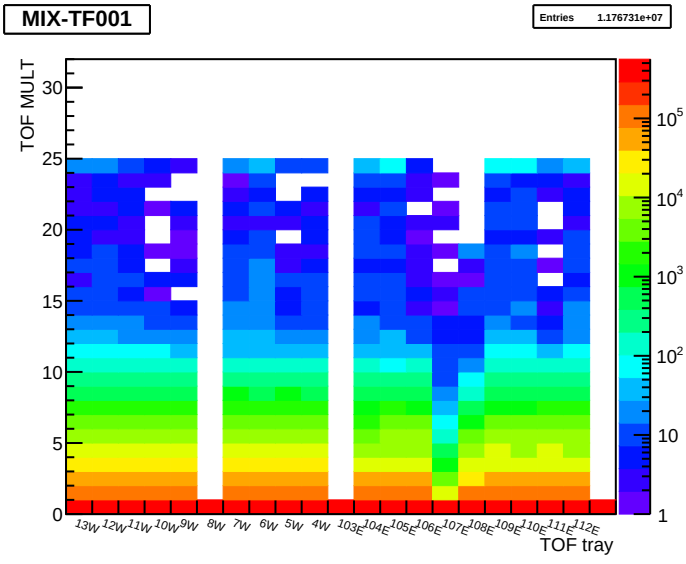

BunchId7Bit (ZDC-TAC)
Entries 730

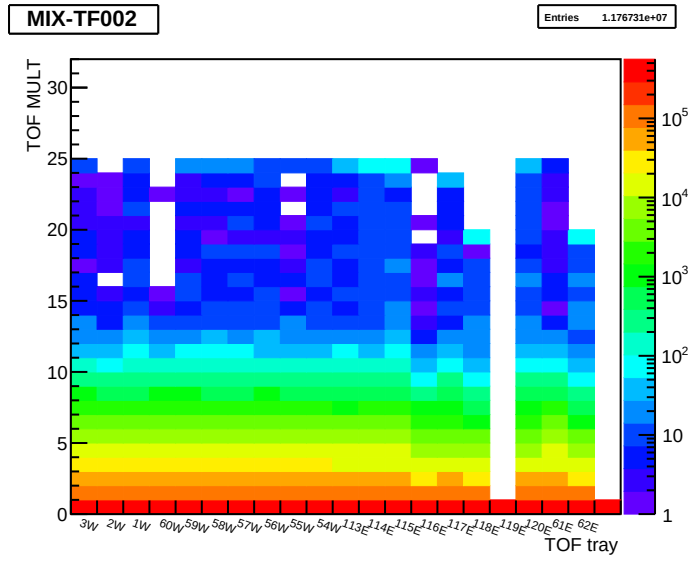

BunchId7Bit (EPD-TAC)
Entries 397376

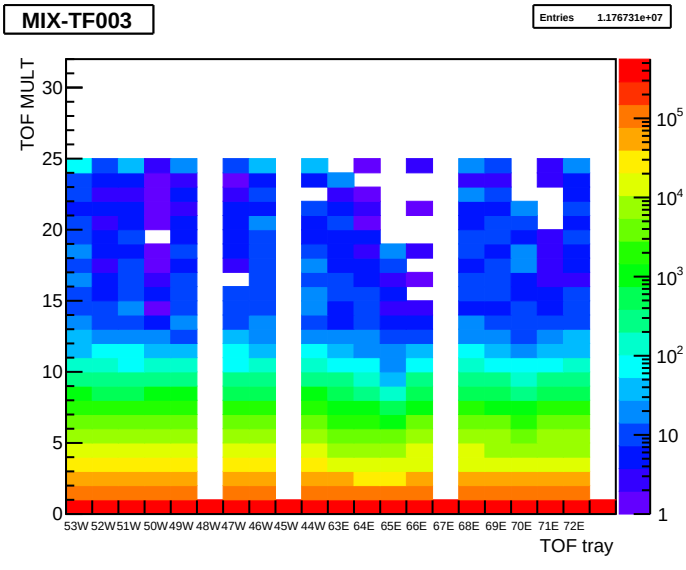

BunchId7Bit (BBC-TAC)
Entries 148507

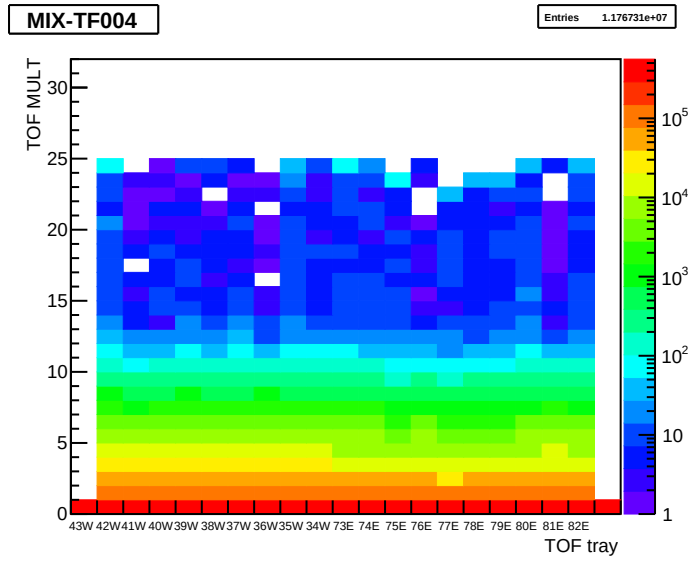

BunchId7Bit (Laser)
Entries 0

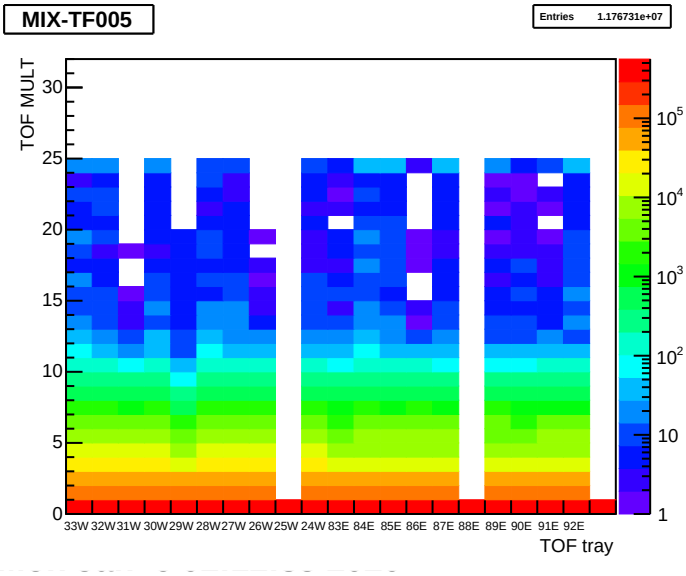

BunchId7Bit (TOFmult window)
Entries 19230

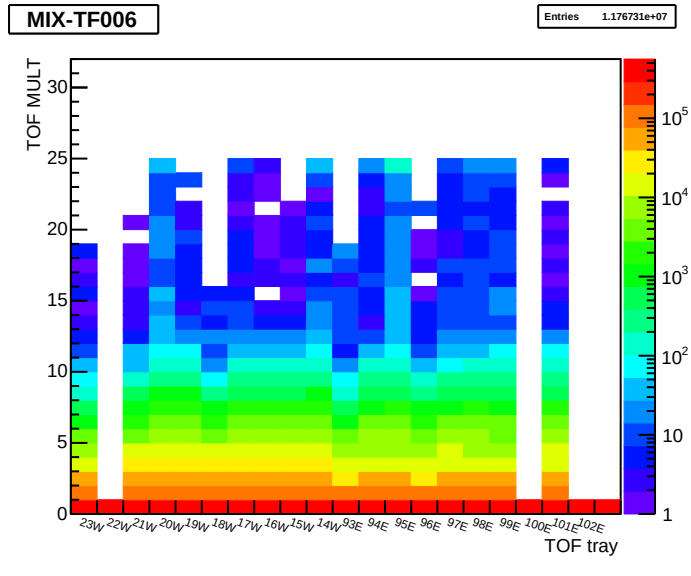

MIX-TF001
Entries 1.176731e+07
TOF MULT
TOF tray

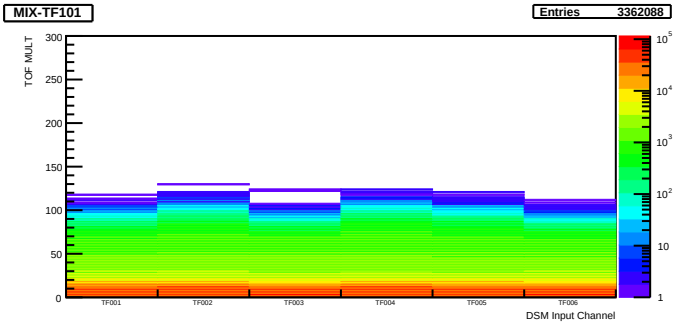

MIX-TF002
Entries 1.176731e+07
TOF MULT
TOF tray

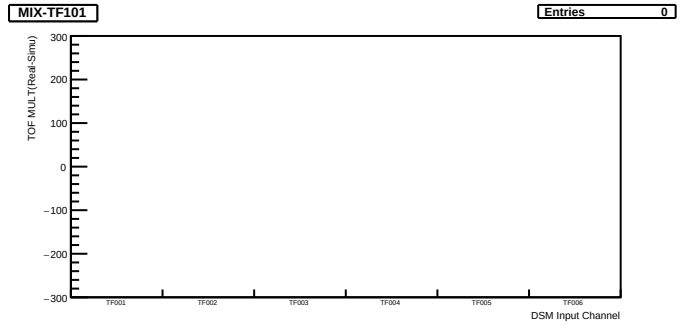

MIX-TF003
Entries 1.176731e+07
TOF MULT
TOF tray

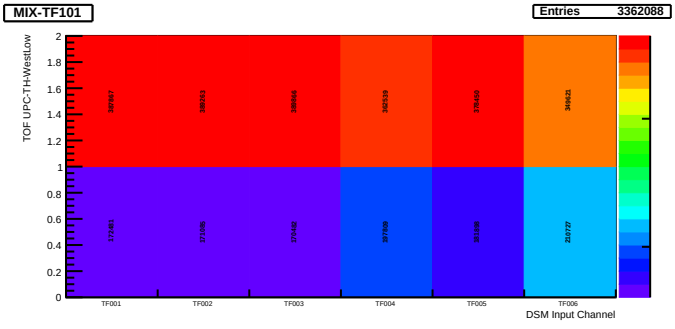

MIX-TF004
Entries 1.176731e+07
TOF MULT
TOF tray

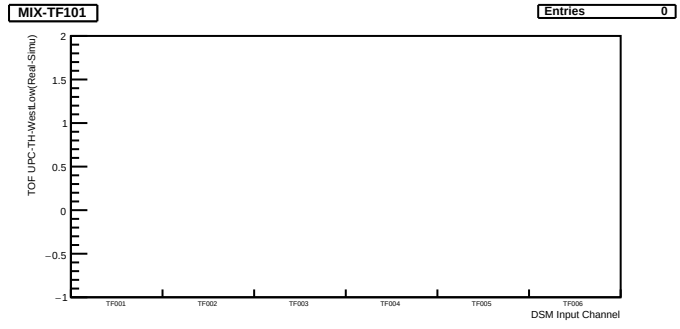

MIX-TF005
Entries 1.176731e+07
TOF MULT
TOF tray

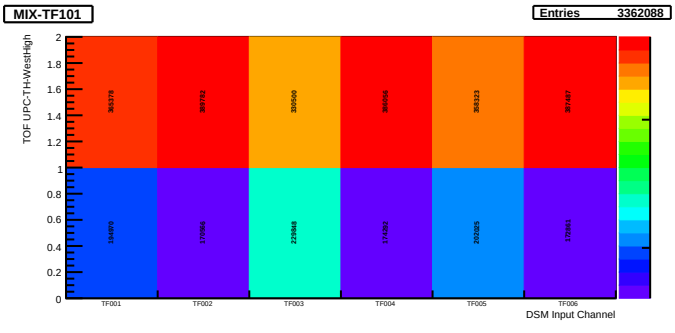

MIX-TF006
Entries 1.176731e+07
TOF MULT
TOF tray

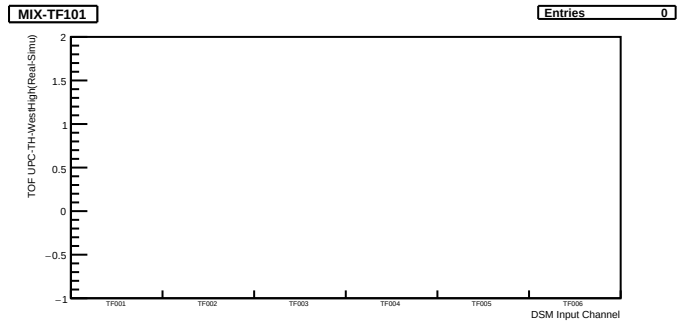

MIX-TF101
Entries 3362088
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

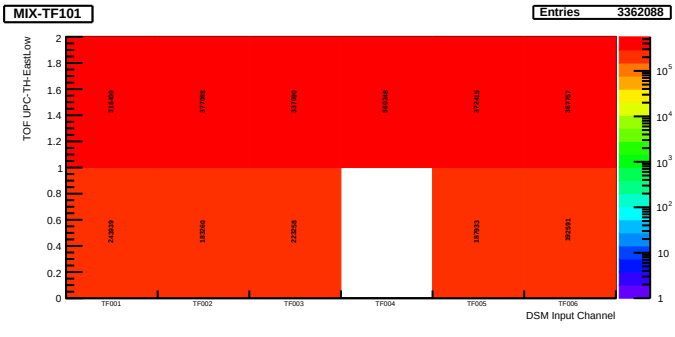

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

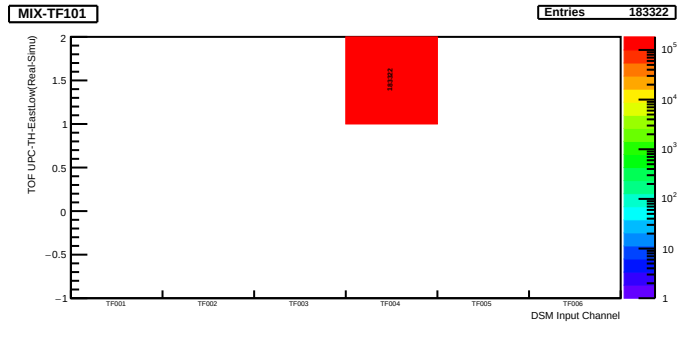

MIX-TF101
Entries 3362088
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

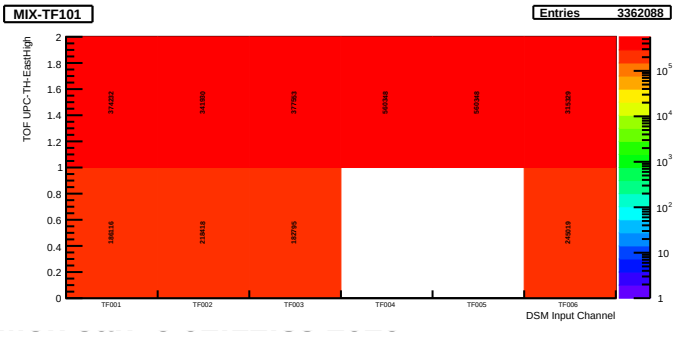

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

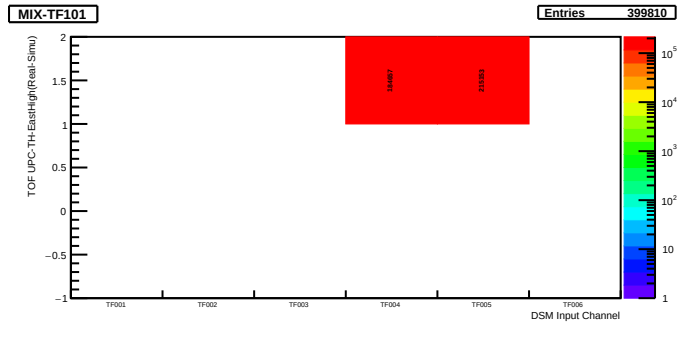

MIX-TF101
Entries 3362088
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

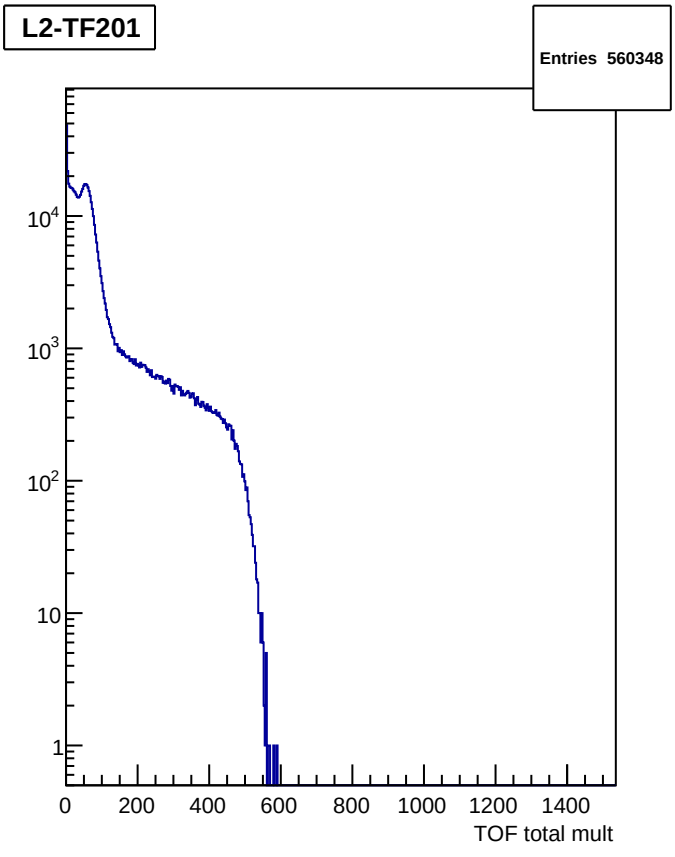

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

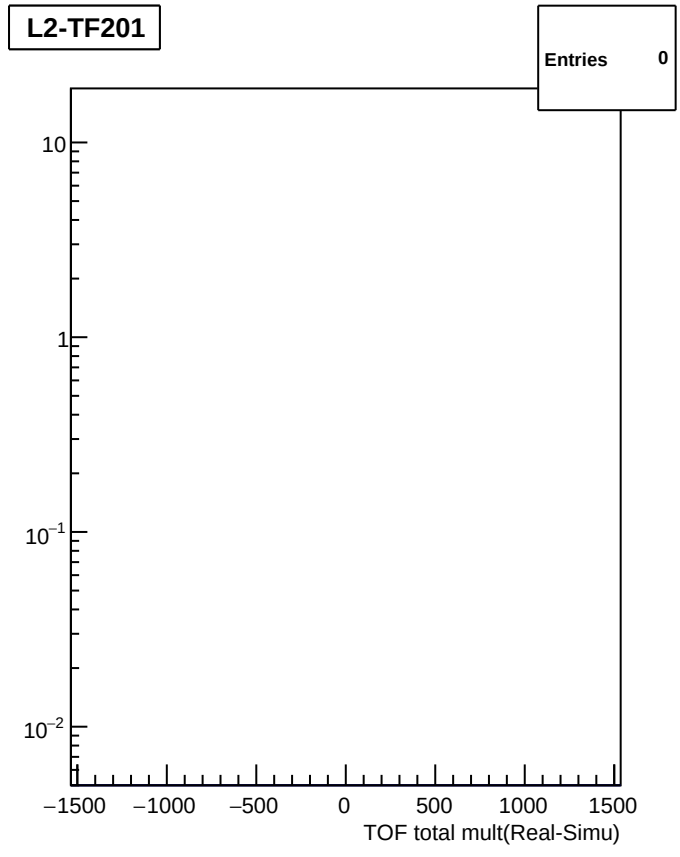

MIX-TF101
Entries 3362088
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

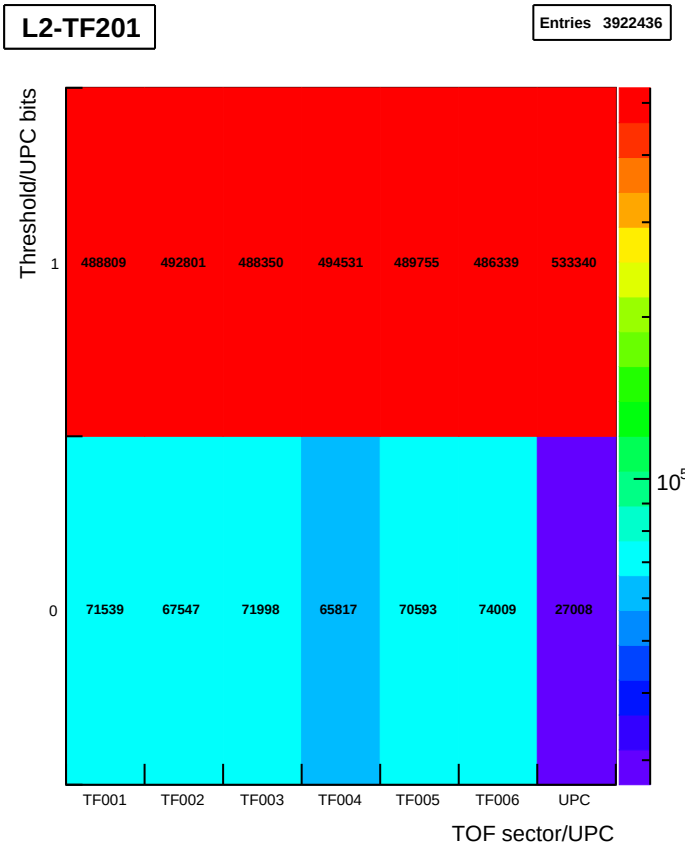

MIX-TF101
Entries 183322
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

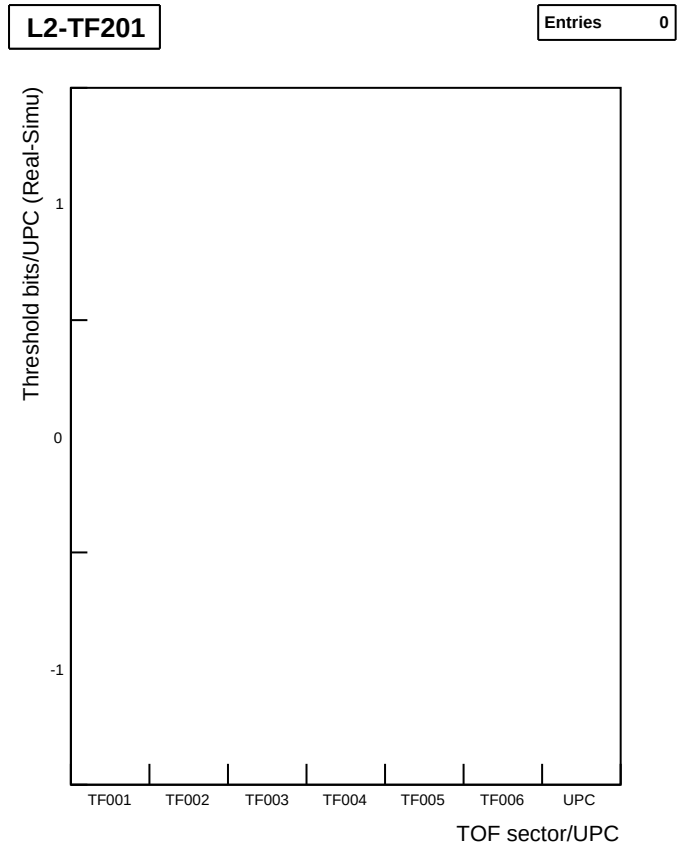

MIX-TF101
Entries 3362088
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

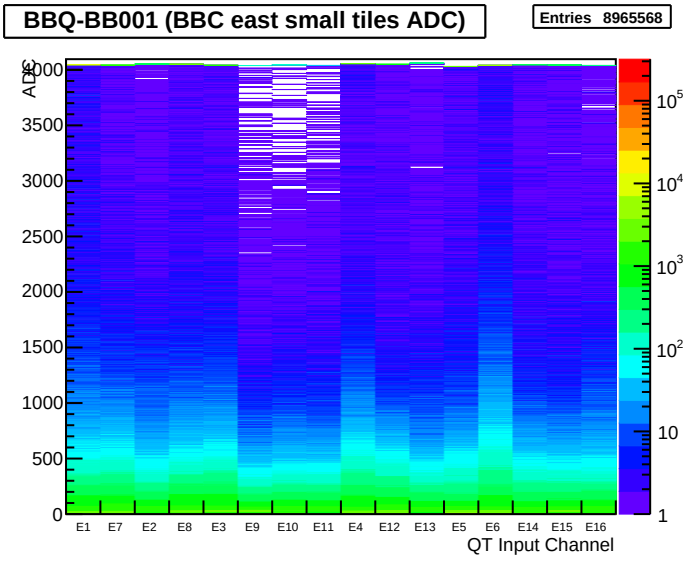

MIX-TF101
Entries 399810
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

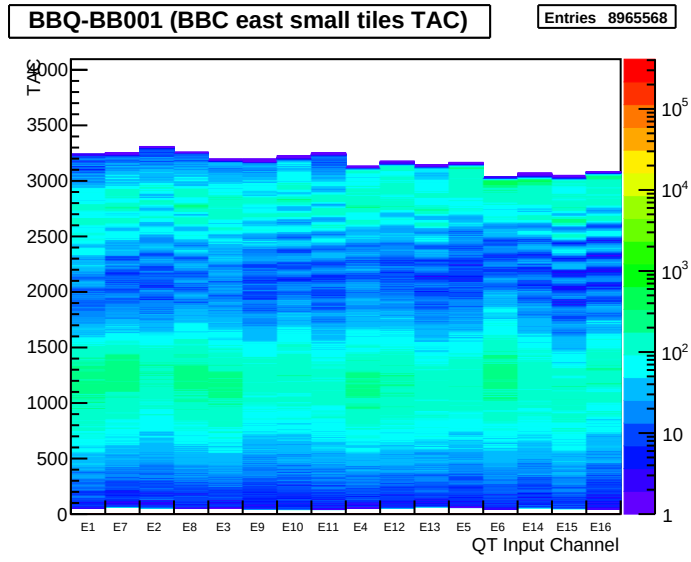

L2-TF201
Entries 560348
TOF total mult

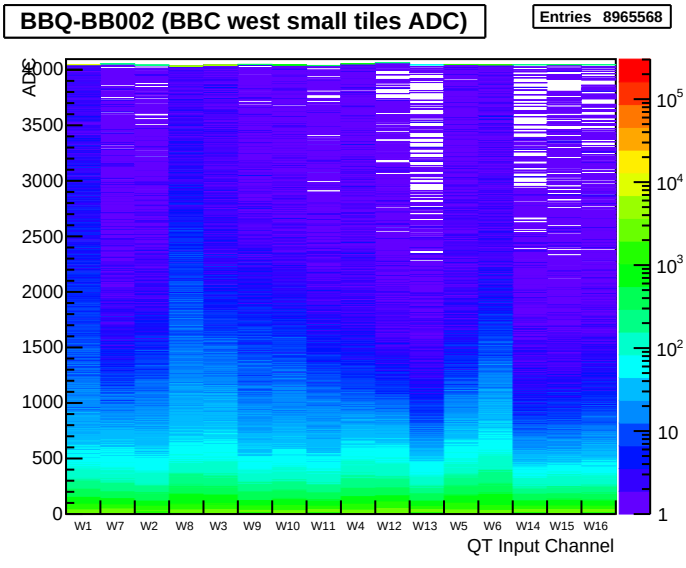

L2-TF201
Entries 0
TOF total mult(Real-Simu)

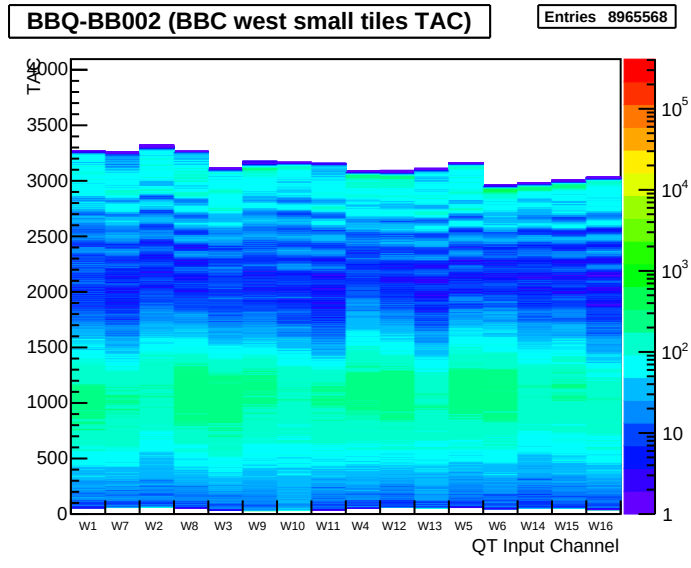

L2-TF201
Entries 3922436
Threshold/UPC bits
488809 492801 488350 494531 489755 486339 533340
71539 67547 71998 65817 70593 74009 27008
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

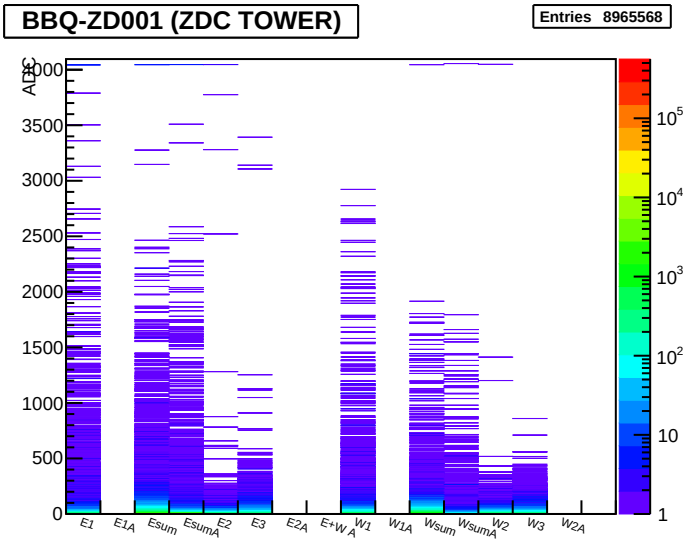

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

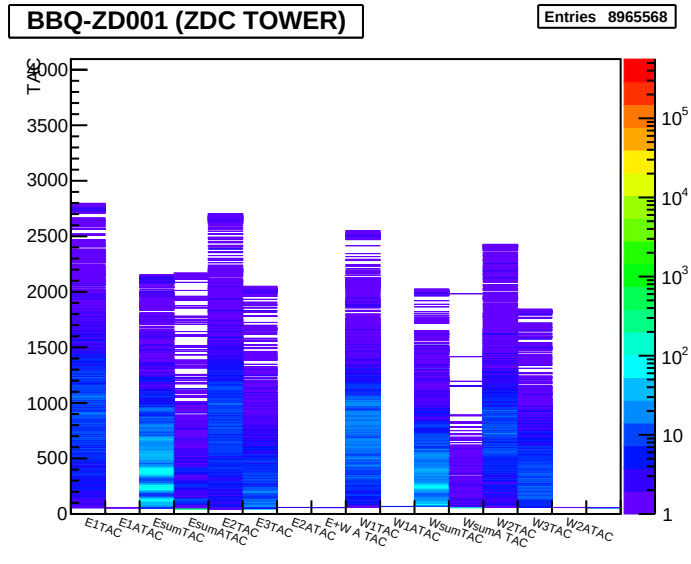

BBQ-BB001 (BBC east small tiles ADC)
Entries 8965568
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

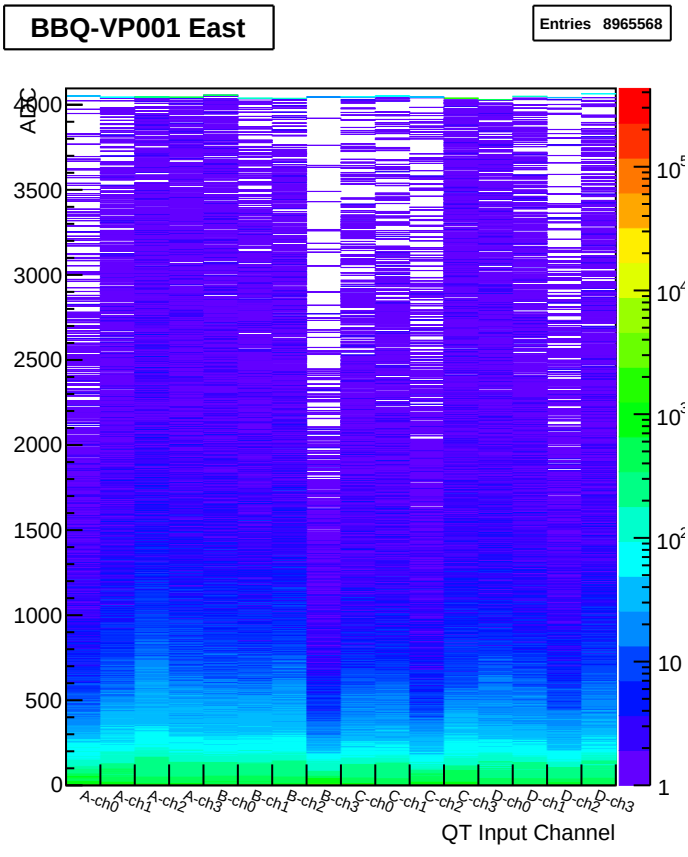

BBQ-BB001 (BBC east small tiles TAC)
Entries 8965568
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

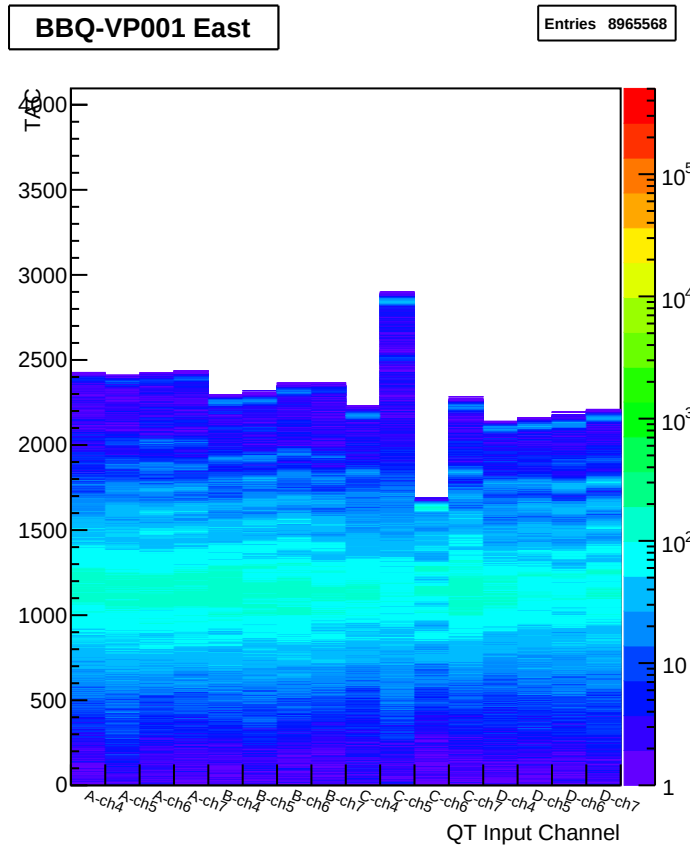

BBQ-BB002 (BBC west small tiles ADC)
Entries 8965568
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

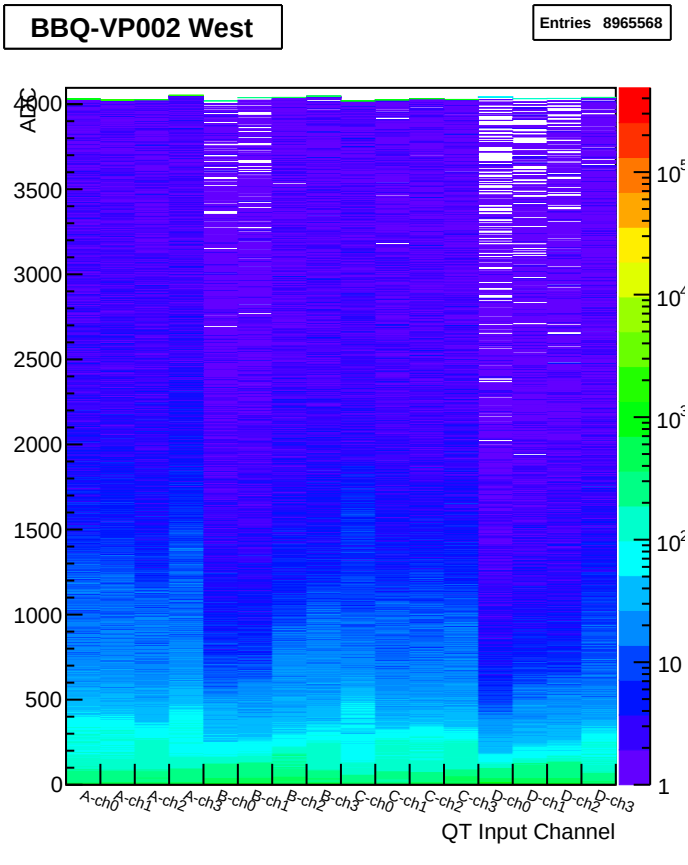

BBQ-BB002 (BBC west small tiles TAC)
Entries 8965568
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

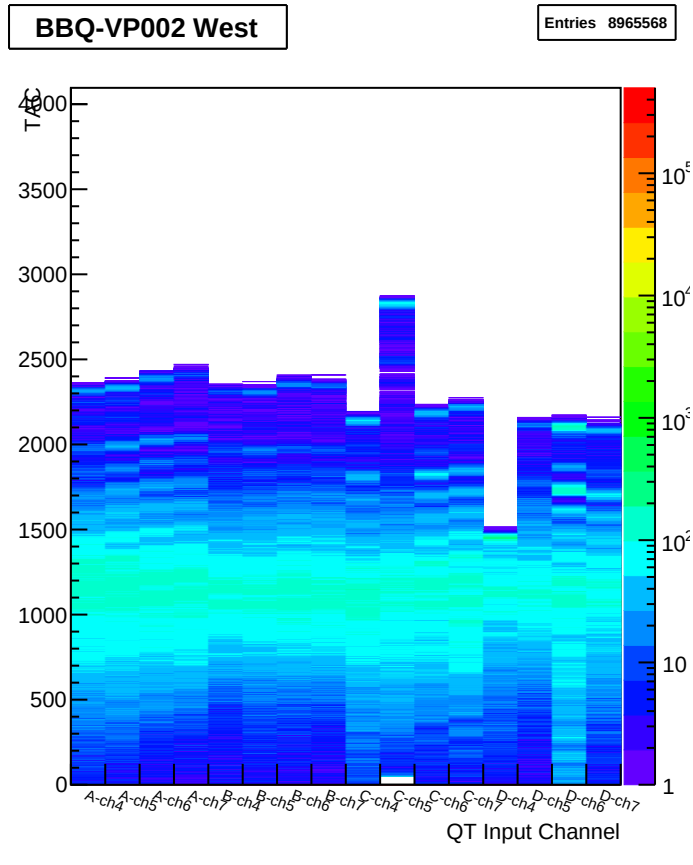

BBQ-ZD001 (ZDC TOWER)
Entries 8965568
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

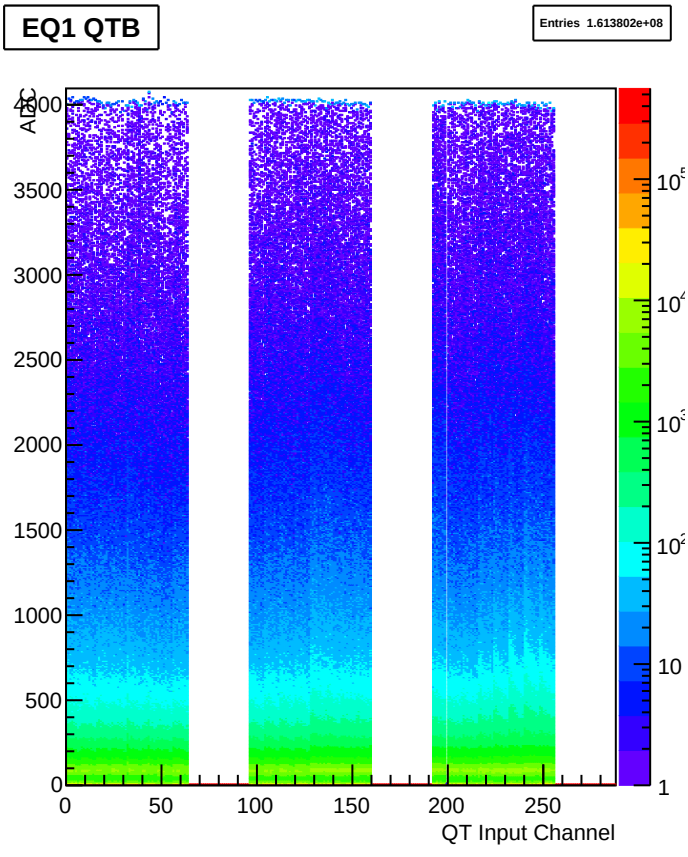

BBQ-ZD001 (ZDC TOWER)
Entries 8965568
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

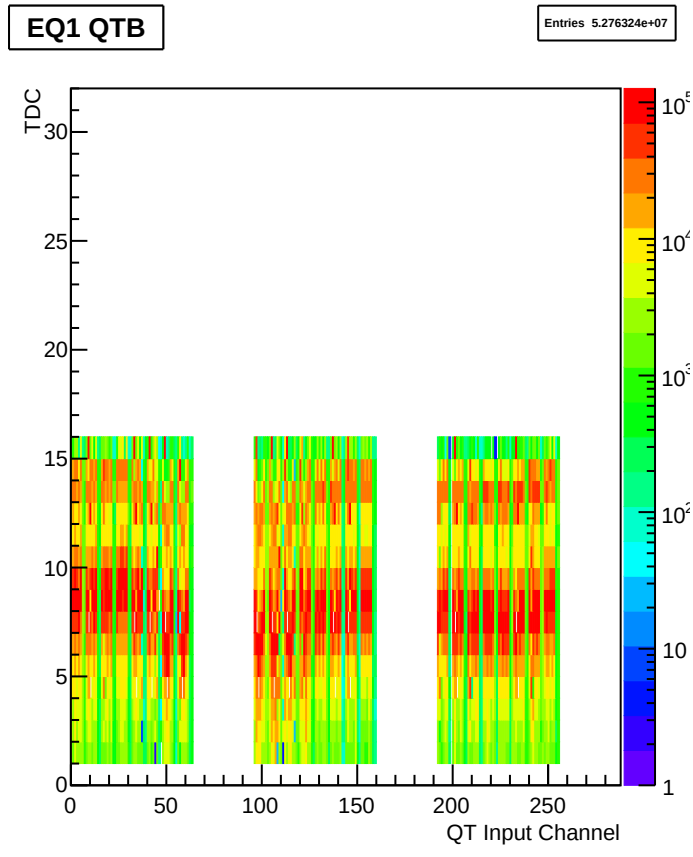

BBQ-VP001 East
Entries 8965568
ADC
QT Input Channel

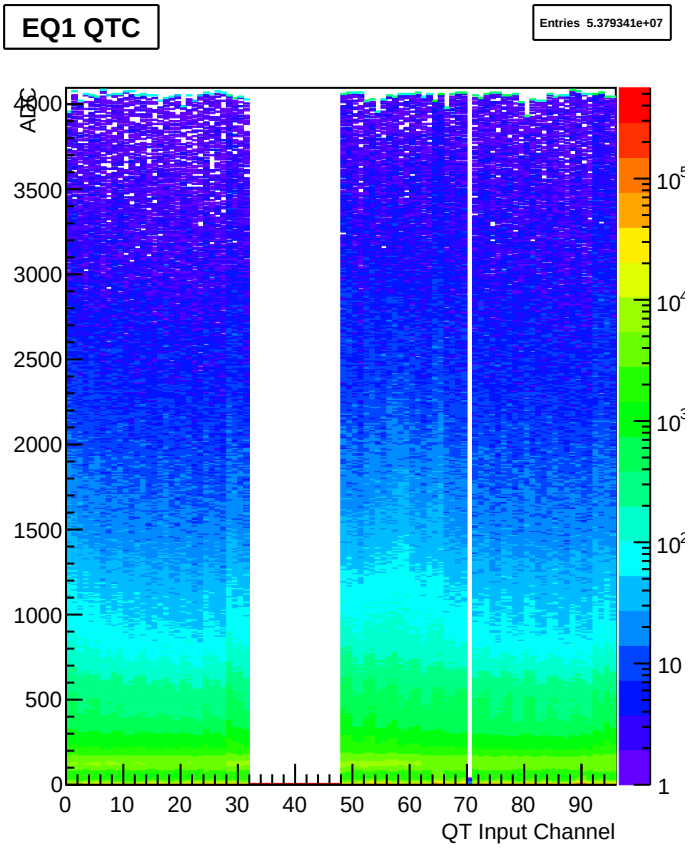

BBQ-VP001 East
Entries 8965568
TADC
QT Input Channel

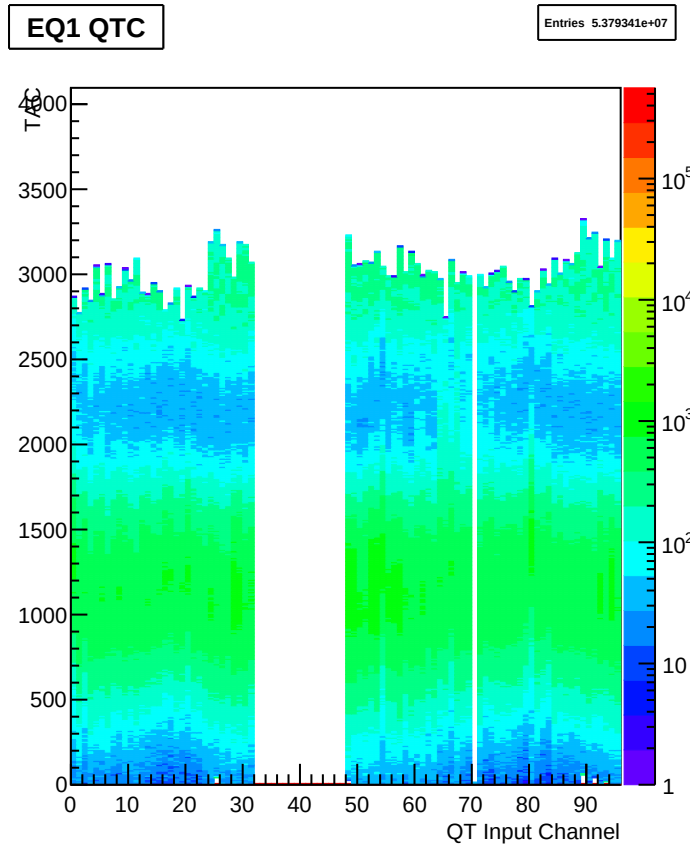

BBQ-VP002 West
Entries 8965568
ADC
QT Input Channel

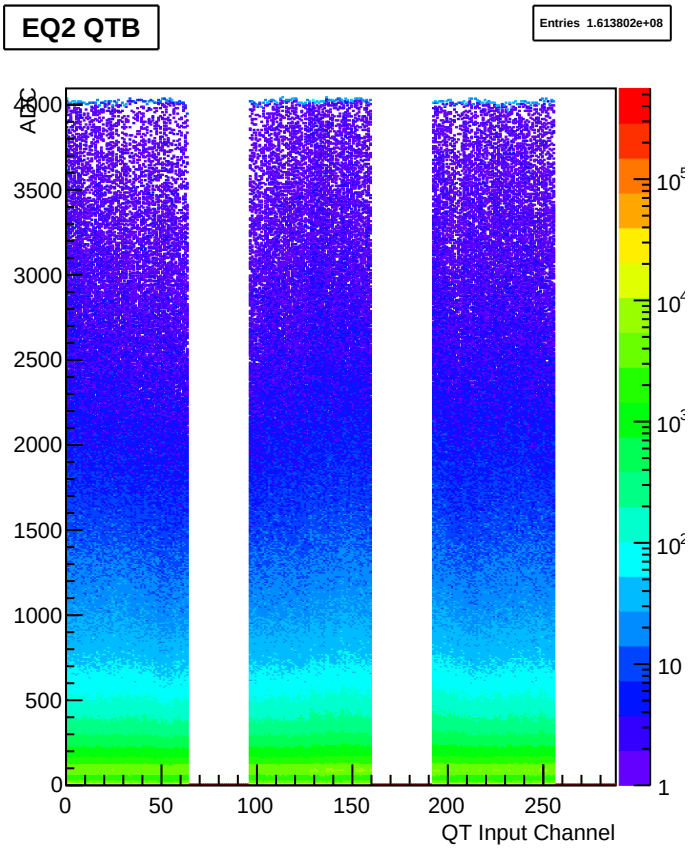

BBQ-VP002 West
Entries 8965568
TADC
QT Input Channel

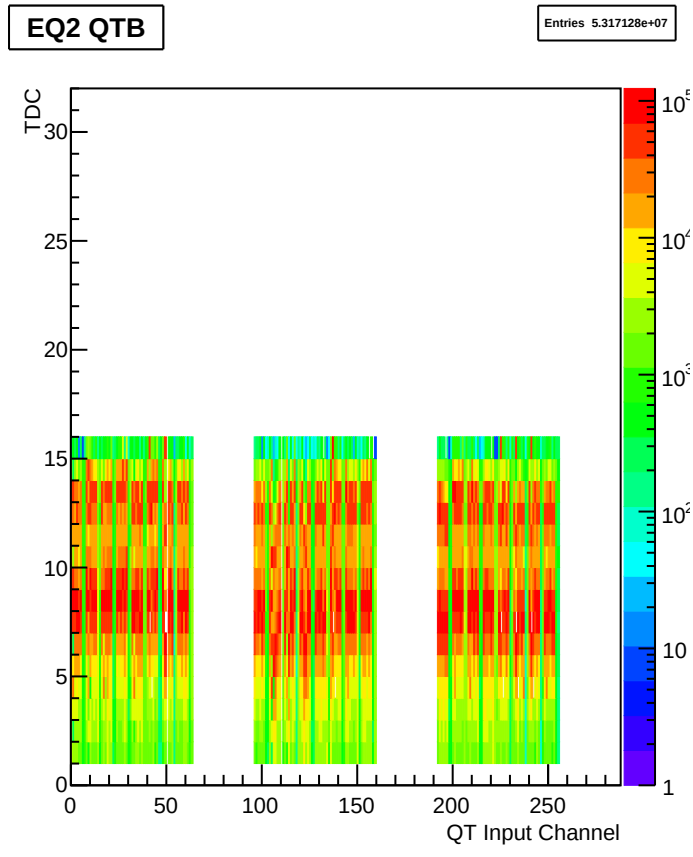

EQ1 QTB
Entries 1.613802e+08
ADC
QT Input Channel

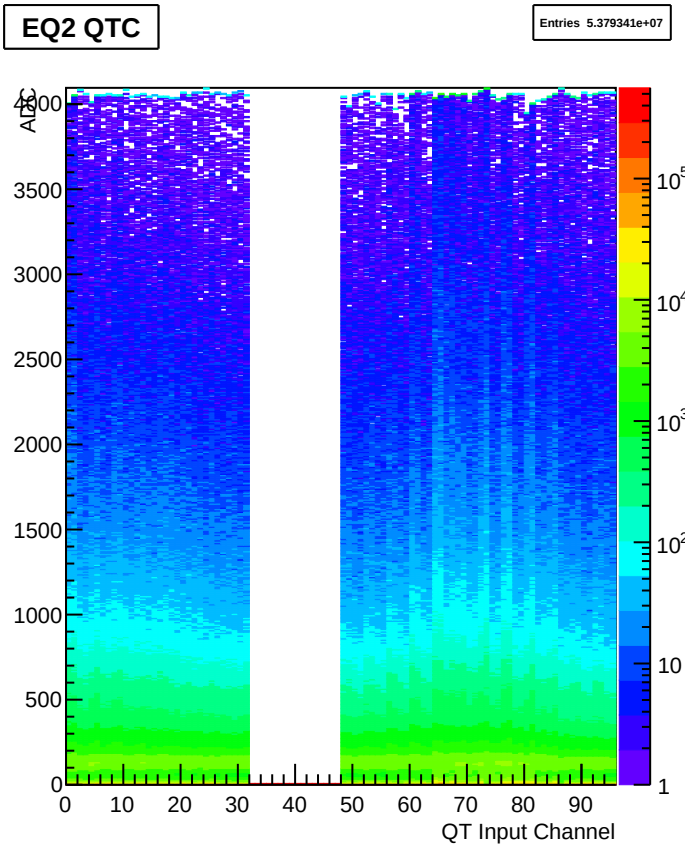

EQ1 QTB
Entries 5.276324e+07
TDC
QT Input Channel

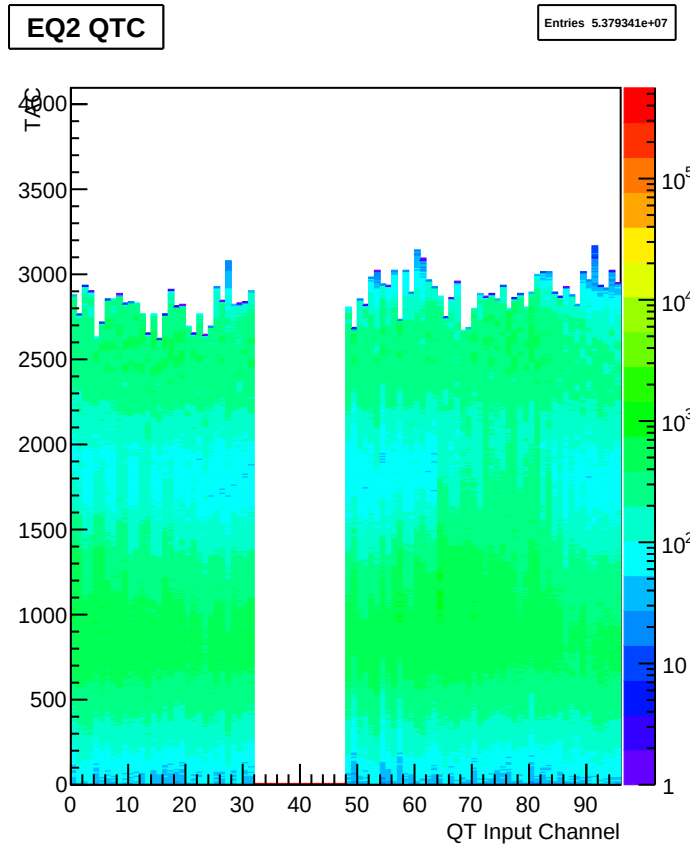

EQ1 QTC
Entries 5.379341e+07
ADC
QT Input Channel

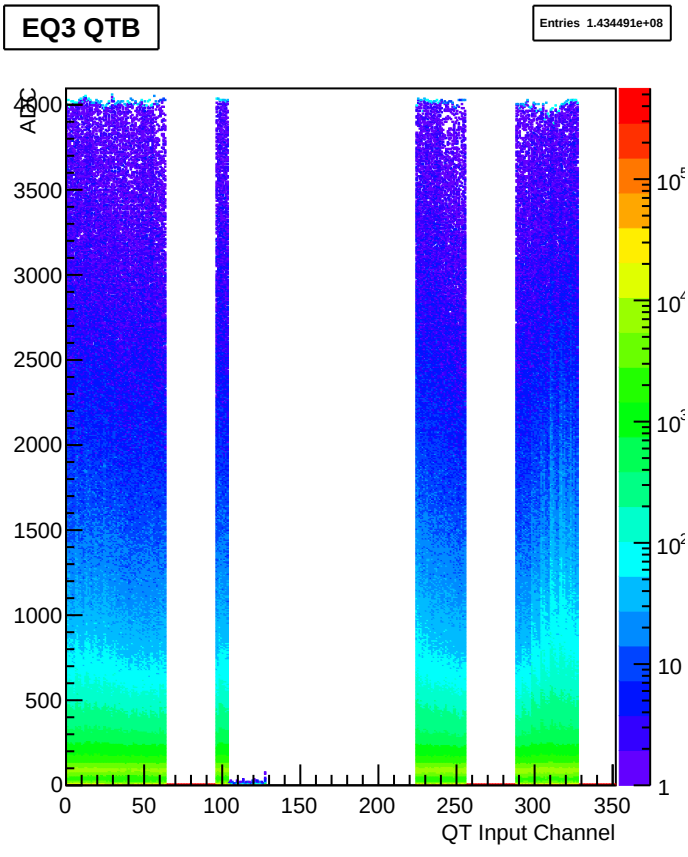

EQ1 QTC
Entries 5.379341e+07
TADC
QT Input Channel

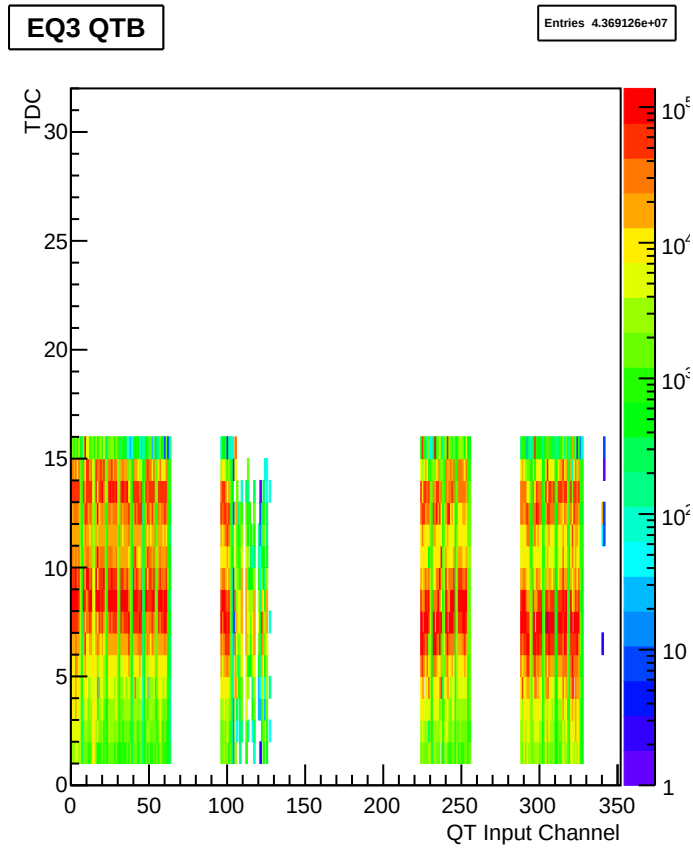

EQ2 QTB
Entries 1.613802e+08
ADC
QT Input Channel

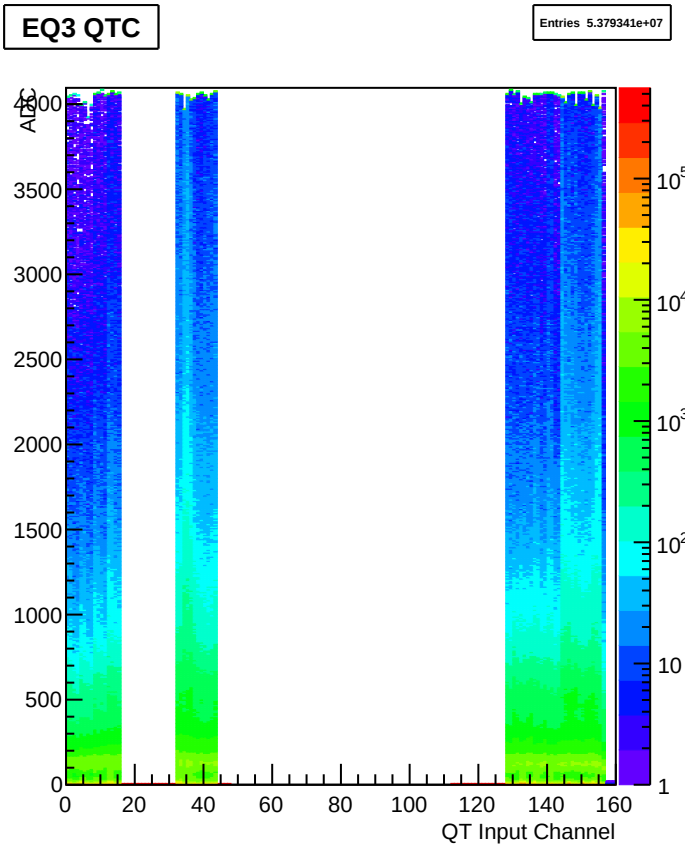

EQ2 QTB
Entries 5.317128e+07
TDC
QT Input Channel

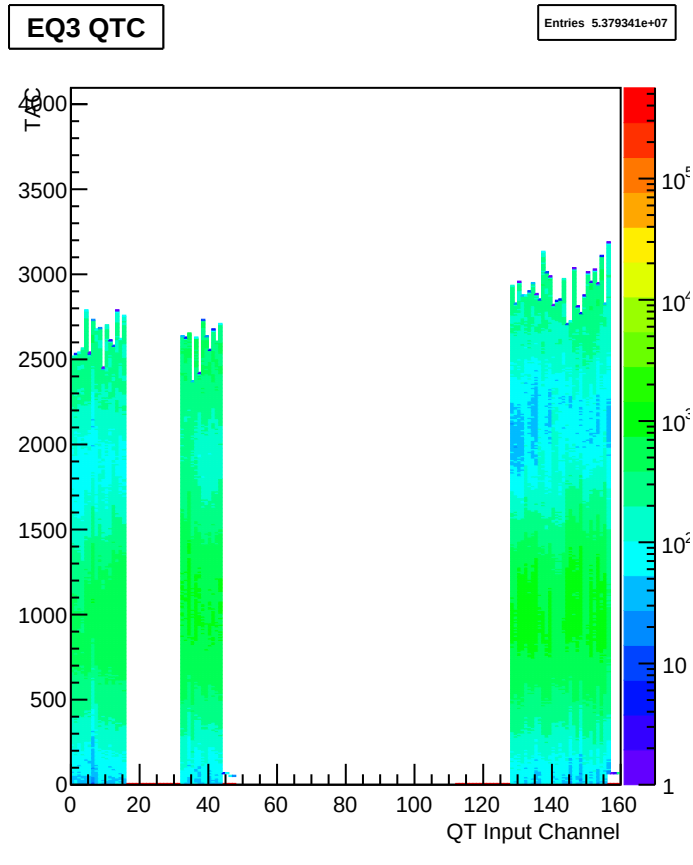

EQ2 QTC
Entries 5.379341e+07
ADC
QT Input Channel

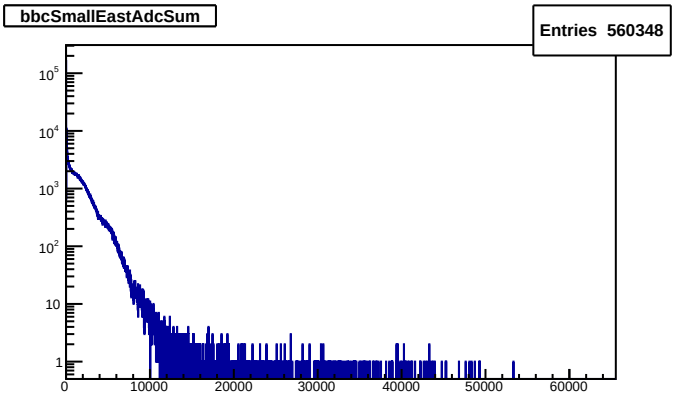

EQ2 QTC
Entries 5.379341e+07
TADC
QT Input Channel

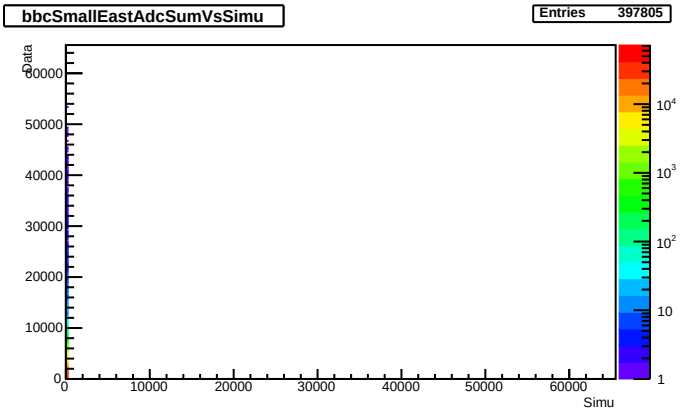

EQ3 QTB
Entries 1.434491e+08
ADC
QT Input Channel

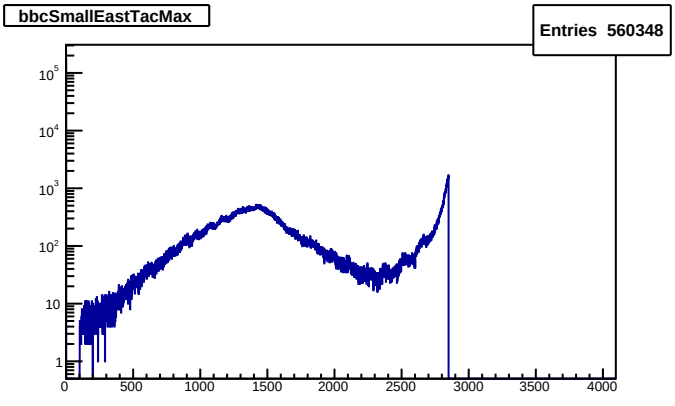

EQ3 QTB
Entries 4.369126e+07
TDC
QT Input Channel

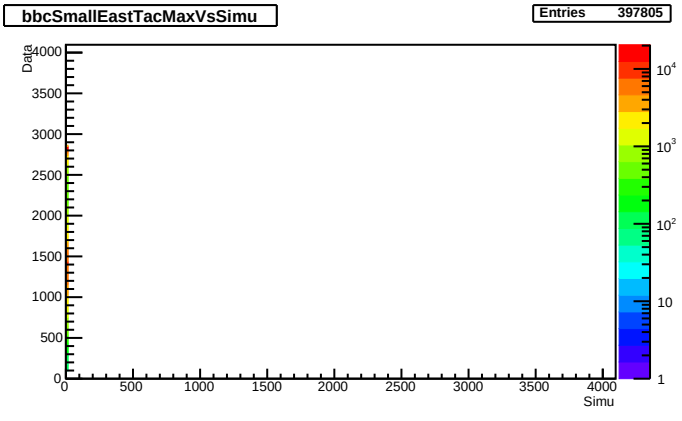

EQ3 QTC
Entries 5.379341e+07
ADC
QT Input Channel

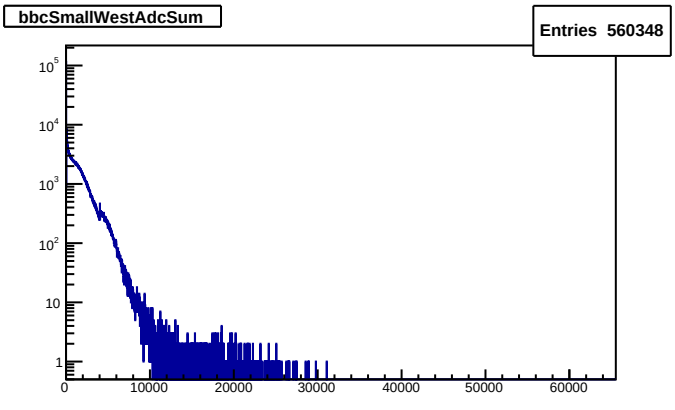

EQ3 QTC
Entries 5.379341e+07
TADC
QT Input Channel

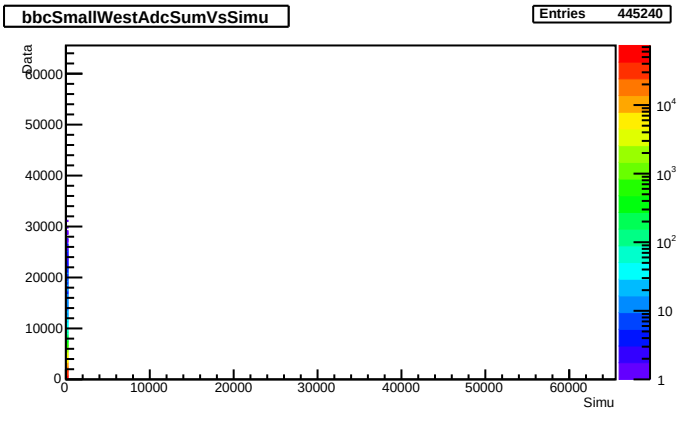

bbcSmallEastAdcSum
Entries 560348

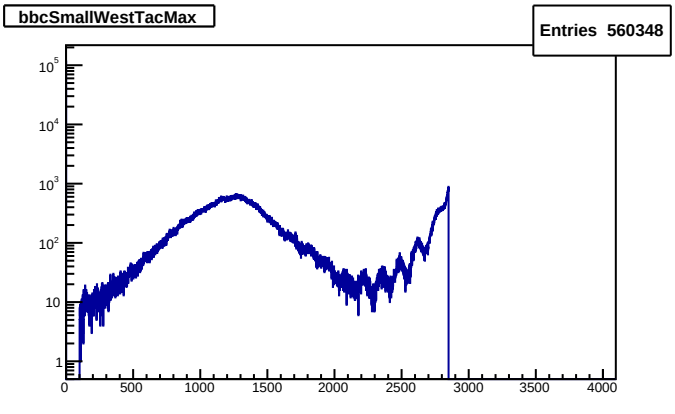

bbcSmallEastAdcSumVsSimu
Entries 397805
Data
Simu


bbcSmallEastTacMax
Entries 560348


bbcSmallEastTacMaxVsSimu
Entries 397805
Data
Simu


bbcSmallWestAdcSum
Entries 560348


bbcSmallWestAdcSumVsSimu
Entries 445240
Data
Simu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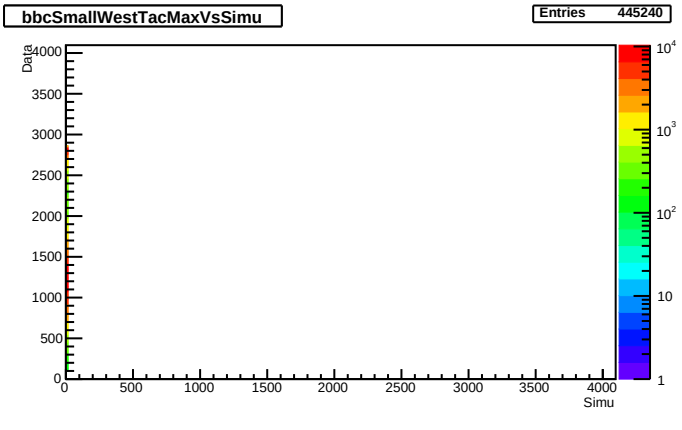
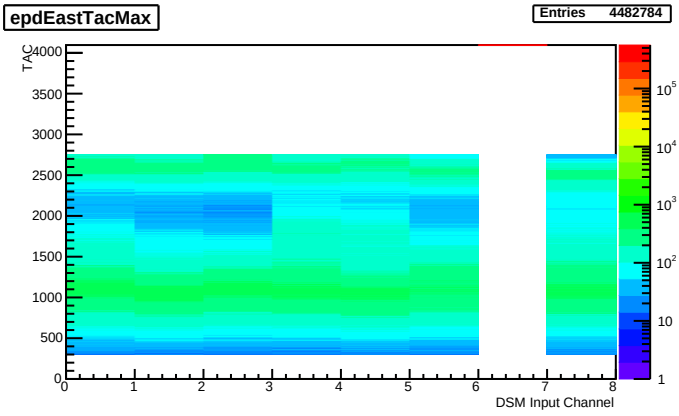
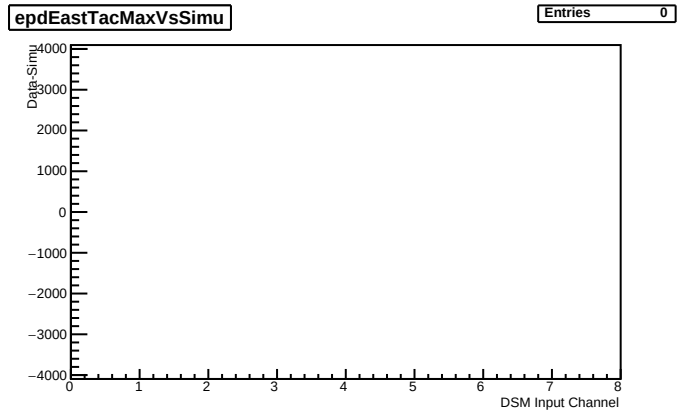
Entries 560348


bbcSmallWestTacMaxVsSimu
Entries 445240
Data
Simu


epdEastTacMax
Entries 4482784
TAC
DSM Input Channel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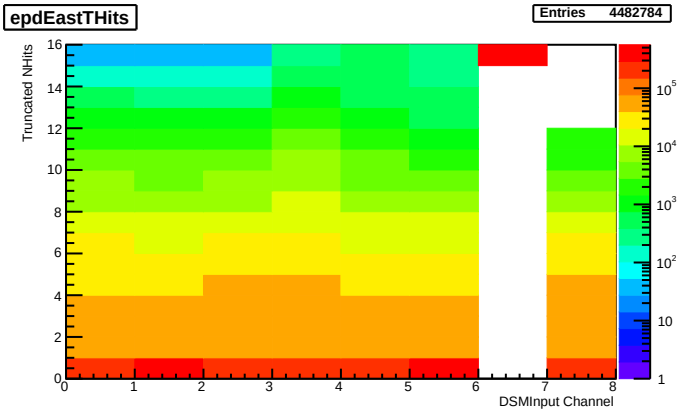
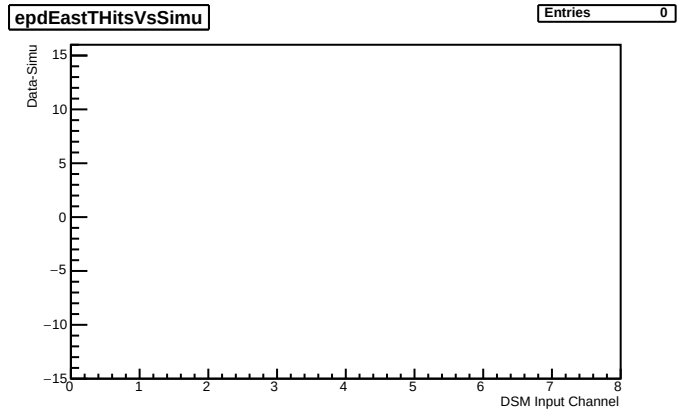
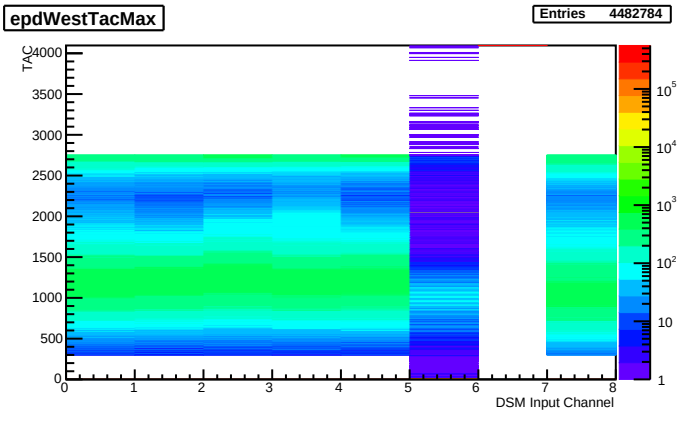
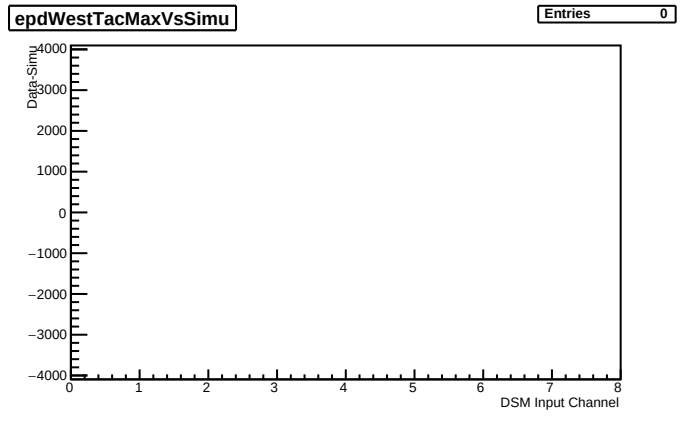
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4482784
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4482784
TAC
DSM Input Channel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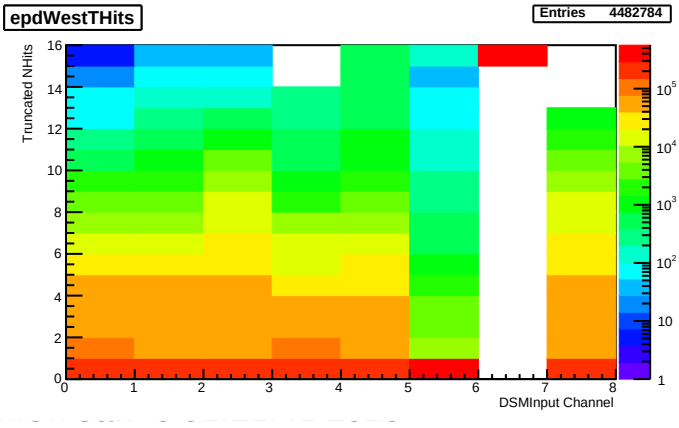
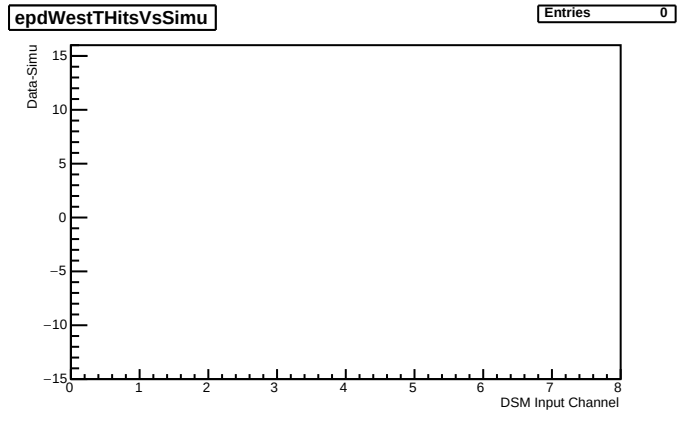
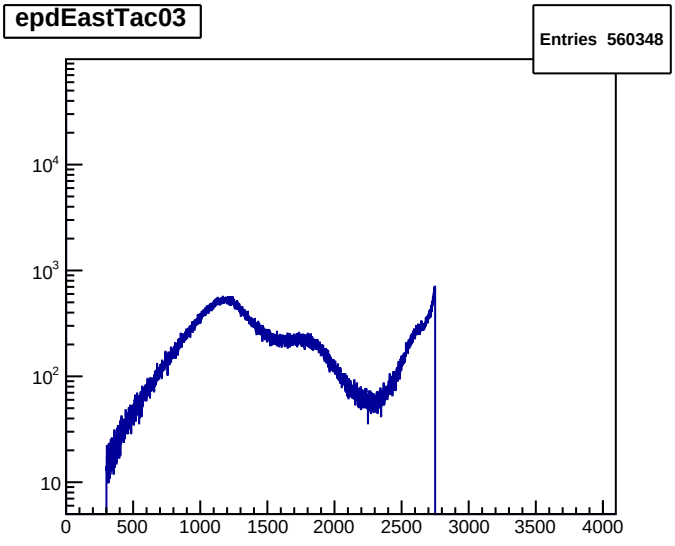
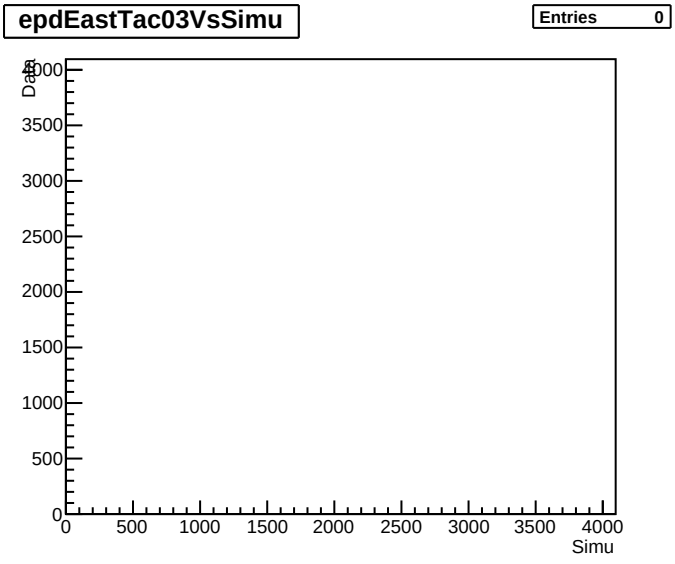
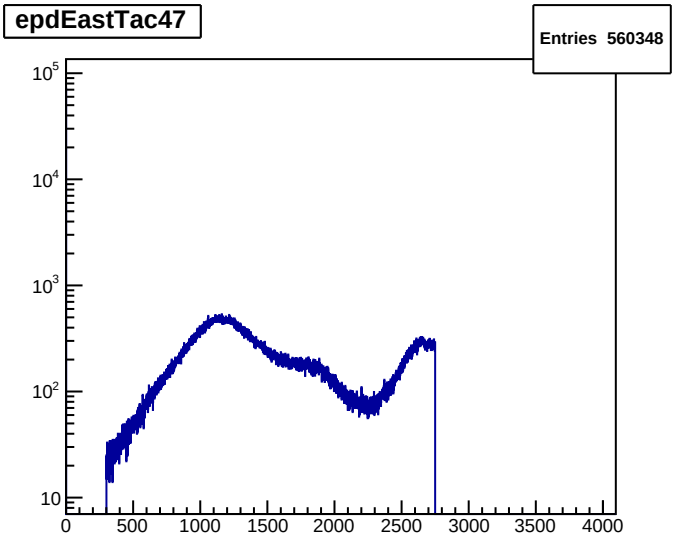
Entries 0
Data-Simu
DSM Input Channel

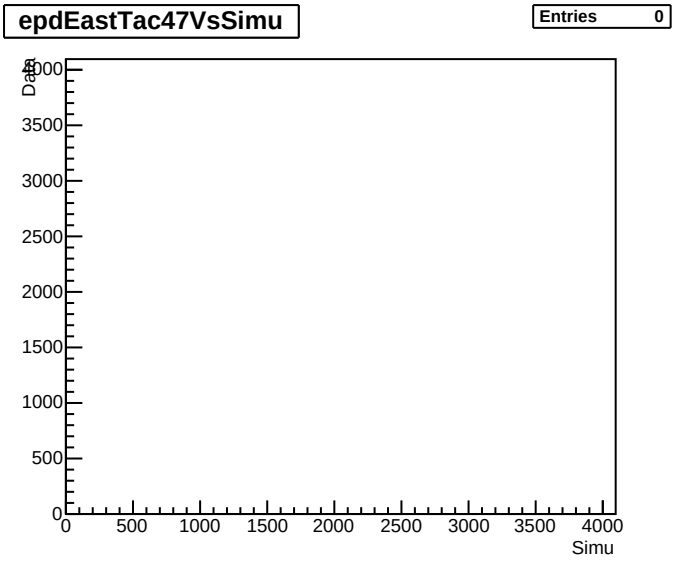

epdWestTHits
Entries 4482784
Truncated NHits
DSMInput Channel

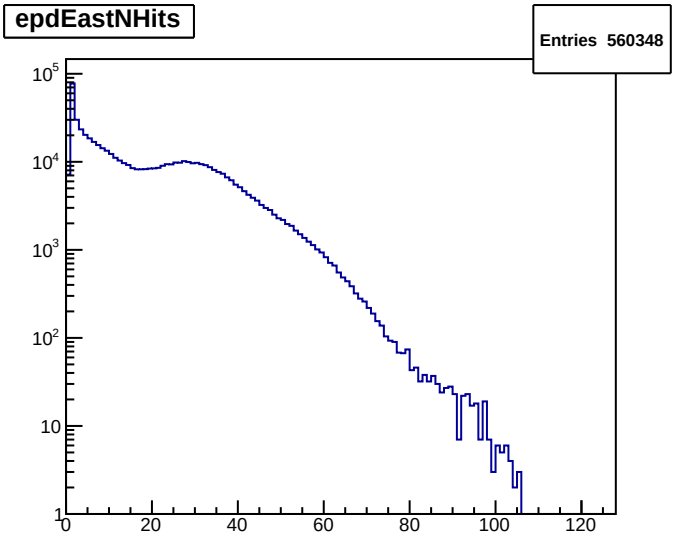

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

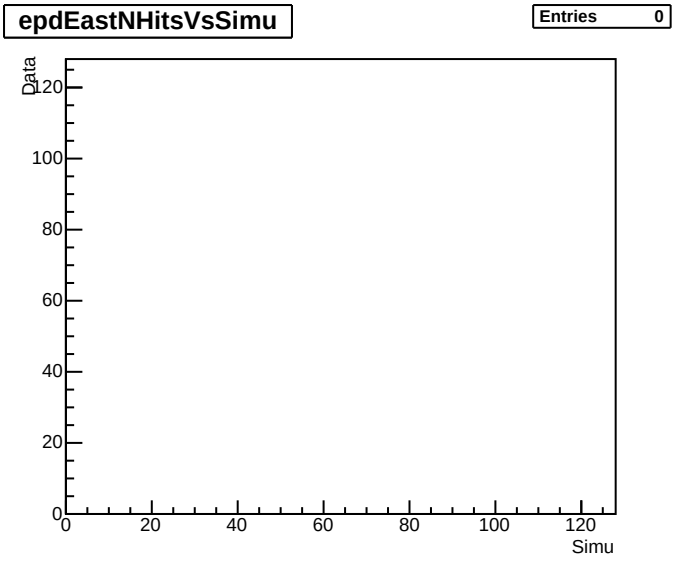

epdEastTac03
Entries 560348


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 560348


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 560348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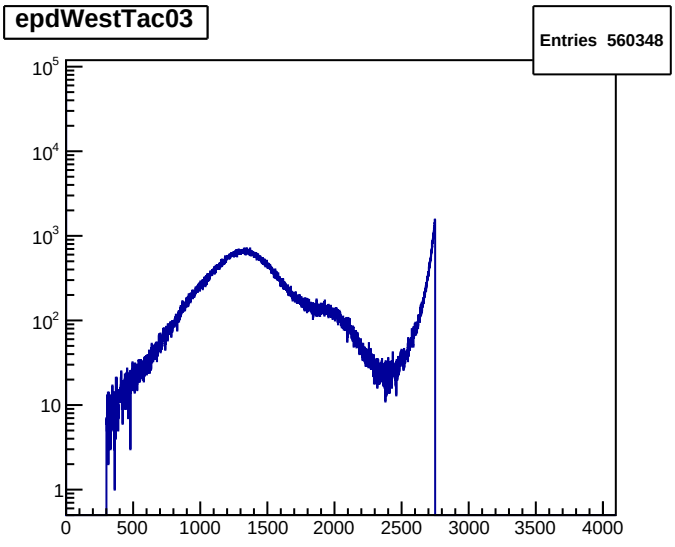
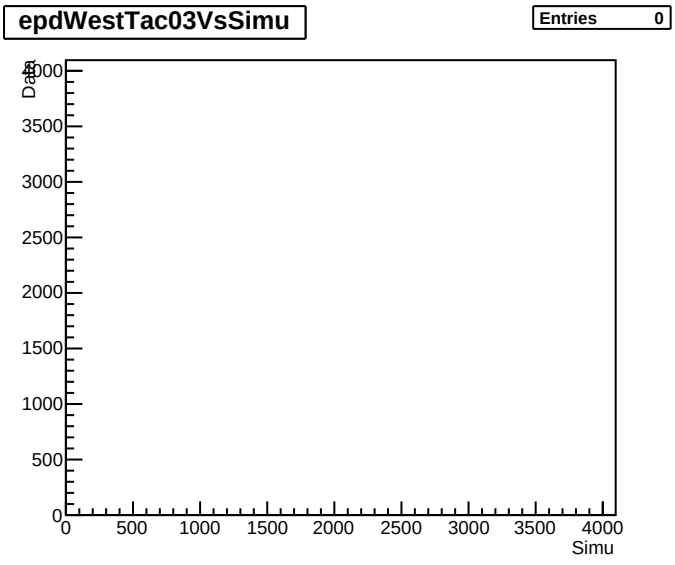
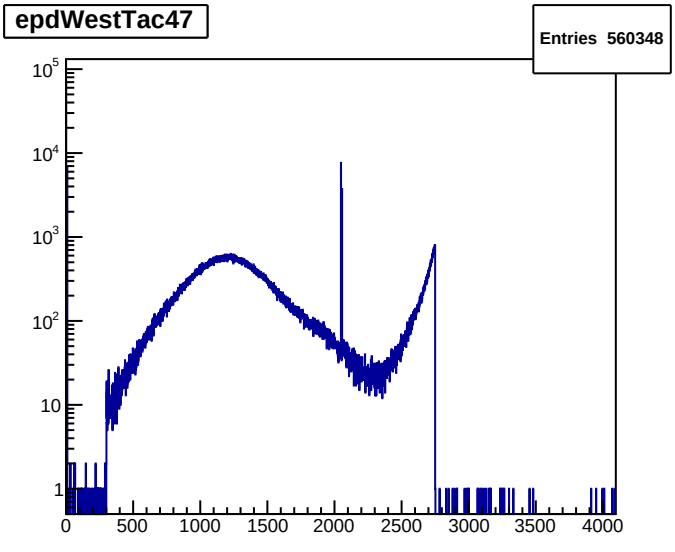
Entries 0
Data
Simu


epdWestTac03
Entries 560348


epdWestTac03VsSimu
Entries 0
Data
Simu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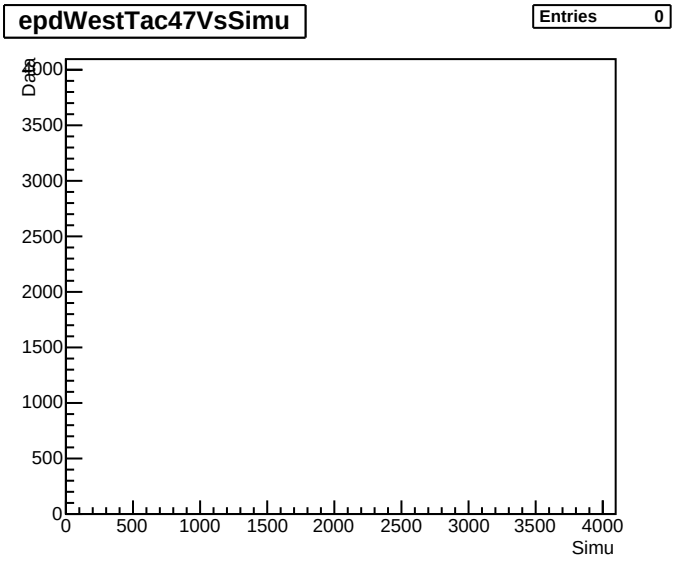
Entries 560348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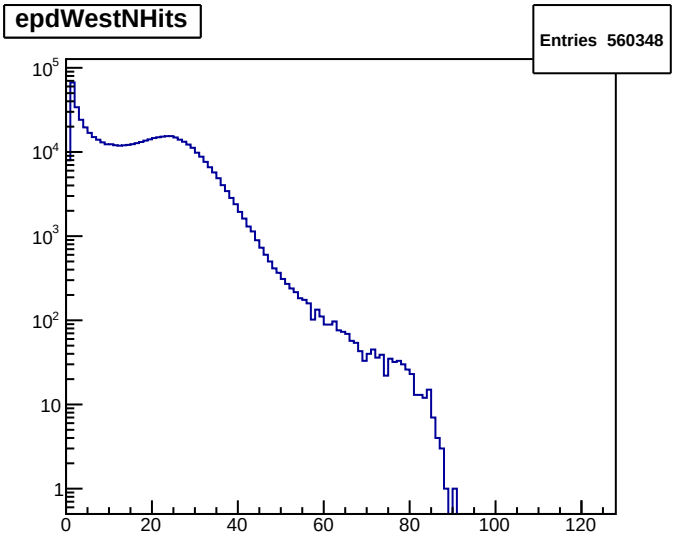
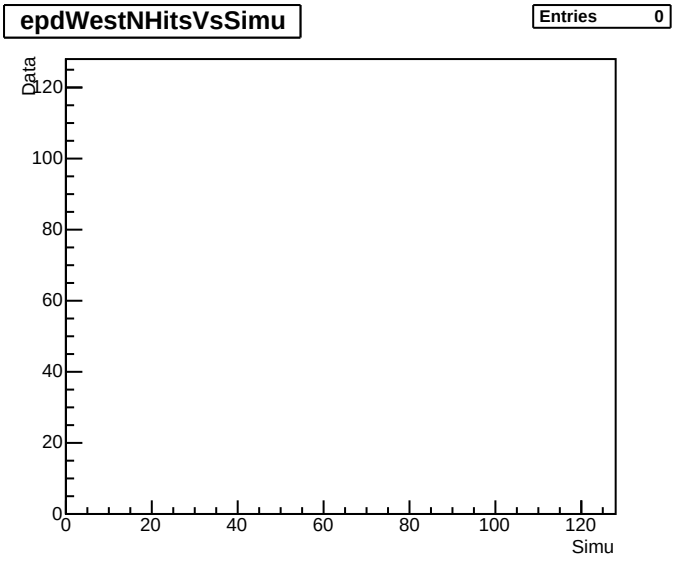
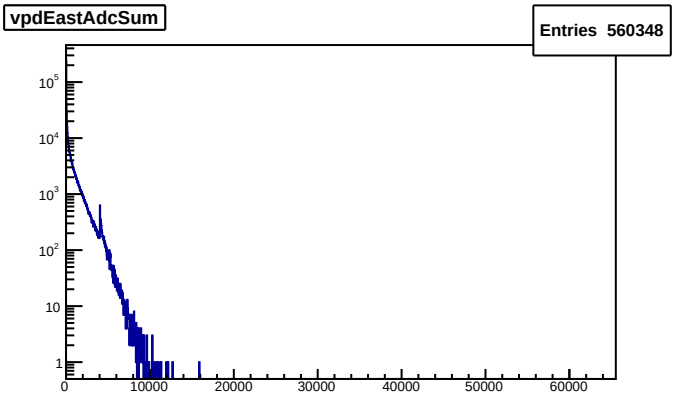
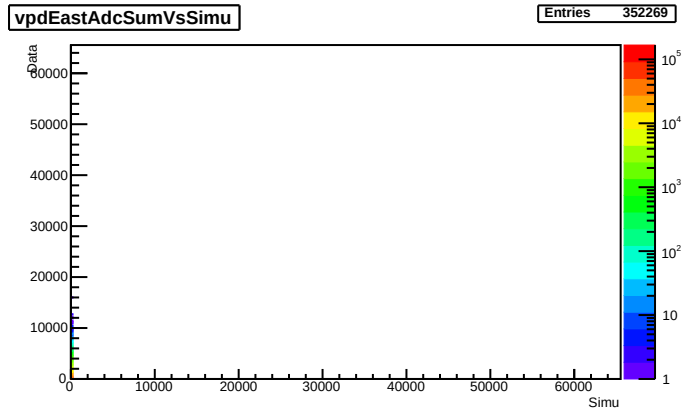
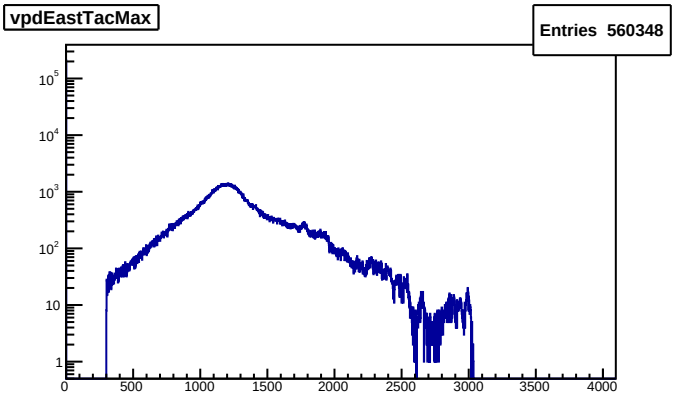
Entries 0
Data
Simu

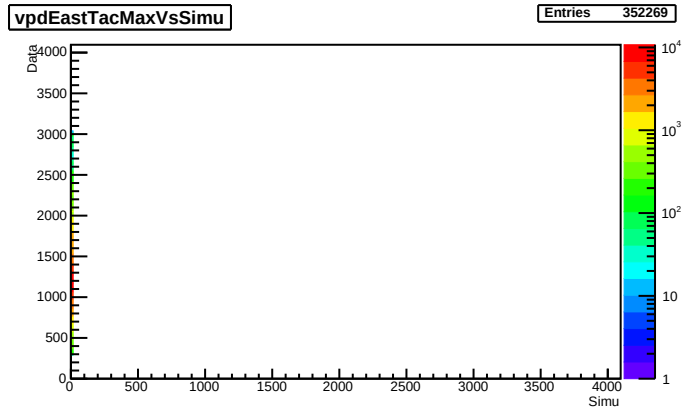

epdWestNHits
Entries 560348

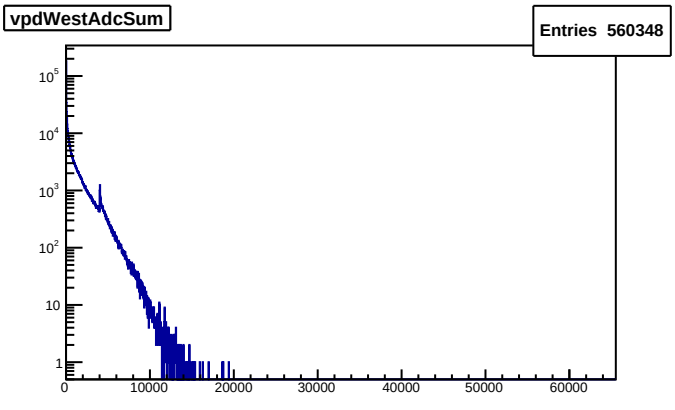

epdWestNHitsVsSimu
Entries 0
Data
Simu

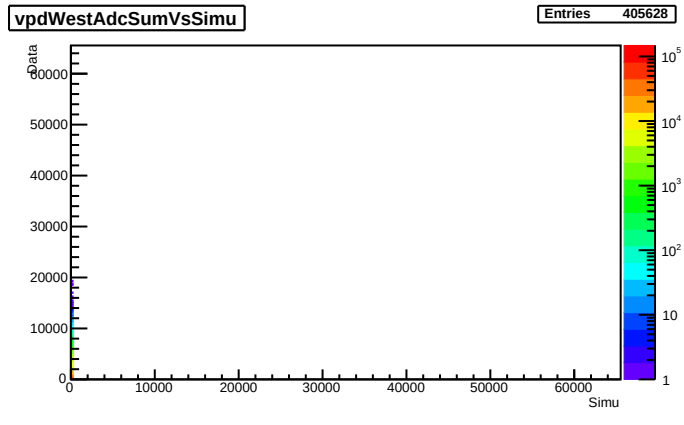

vpdEastAdcSum
Entries 560348

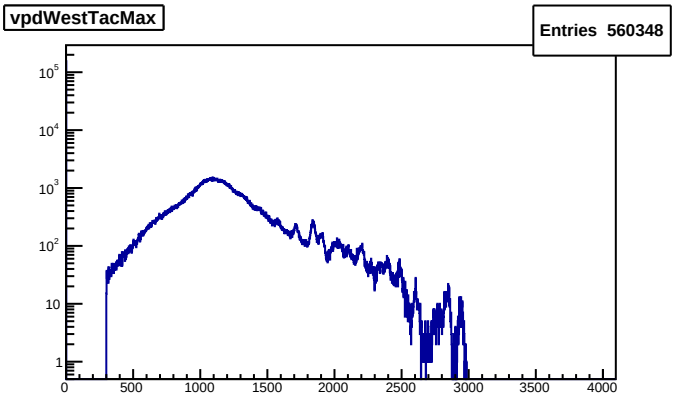

vpdEastAdcSumVsSimu
Entries 352269
Data
Simu

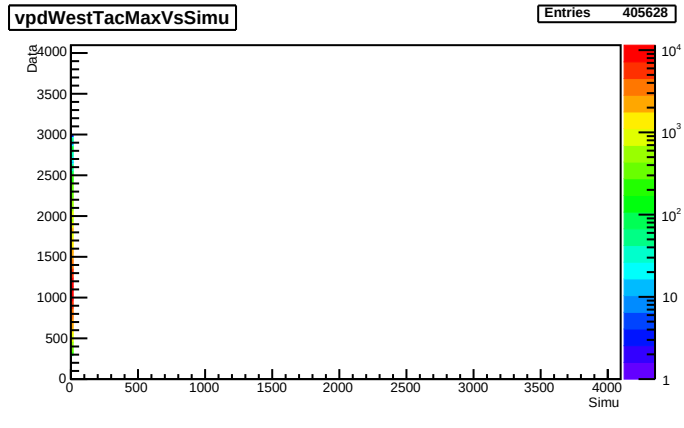

vpdEastTacMax
Entries 560348

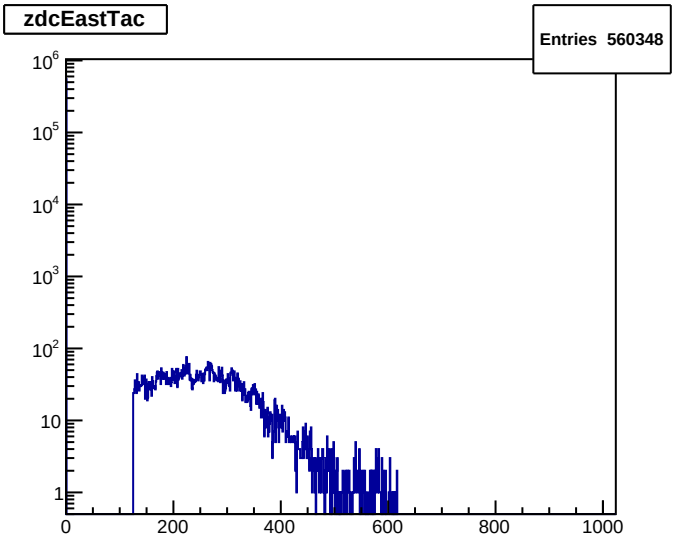

vpdEastTacMaxVsSimu
Entries 352269
Data
Simu

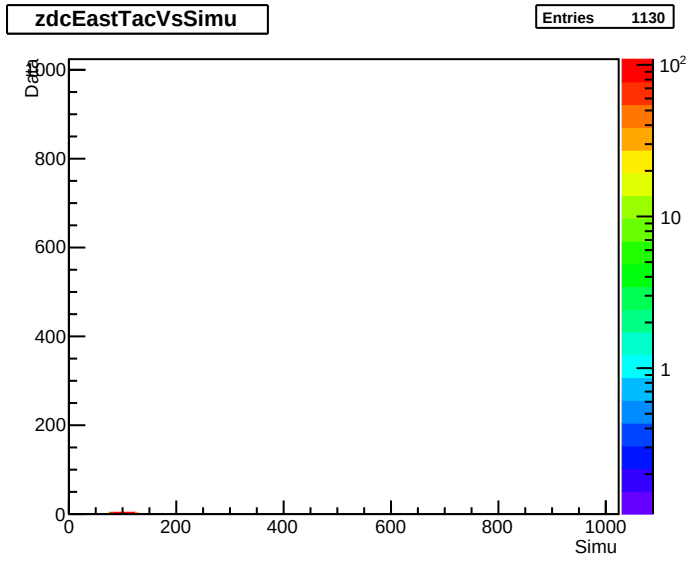

vpdWestAdcSum
Entries 560348

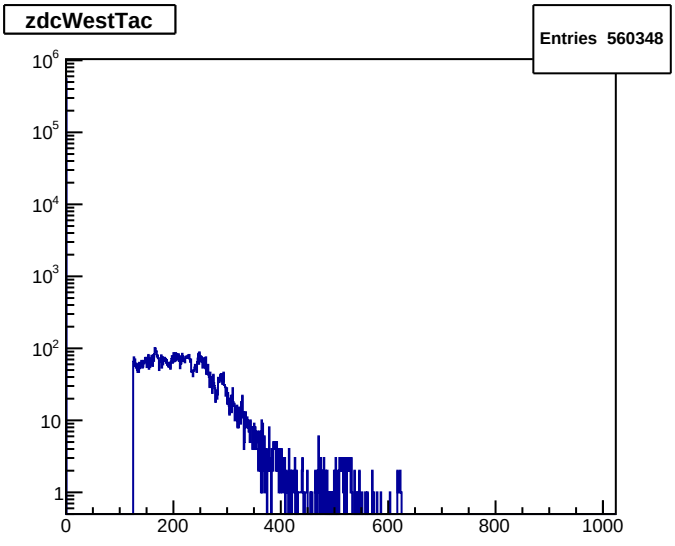

vpdWestAdcSumVsSimu
Entries 405628
Data
Simu

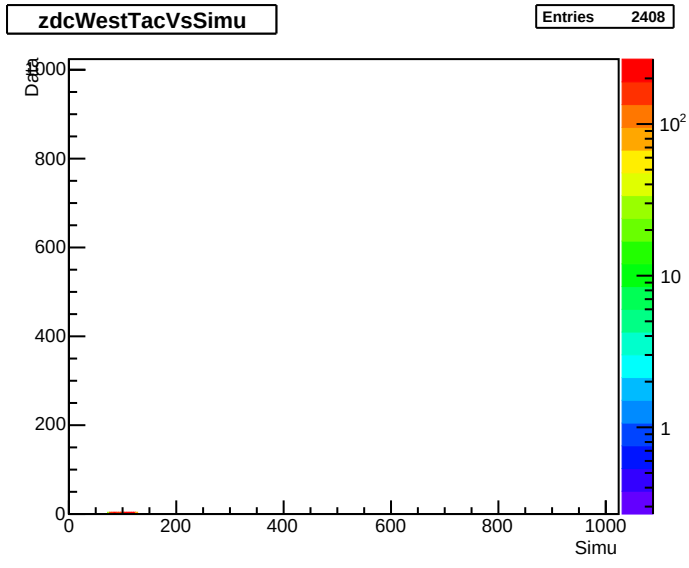

vpdWestTacMax
Entries 560348

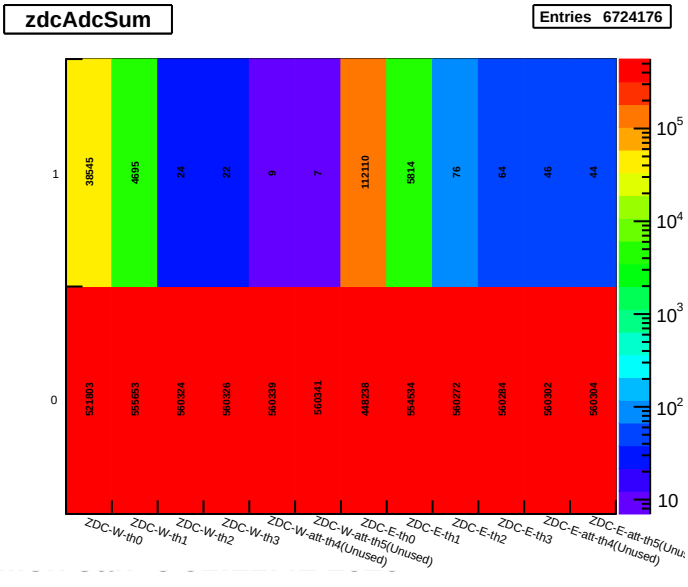

vpdWestTacMaxVsSimu
Entries 405628
Data
Simu

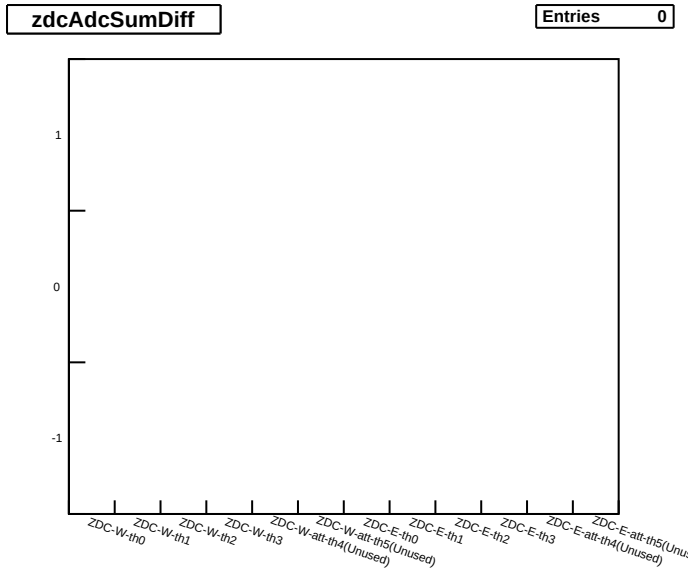

zdcEastTac
Entries 560348

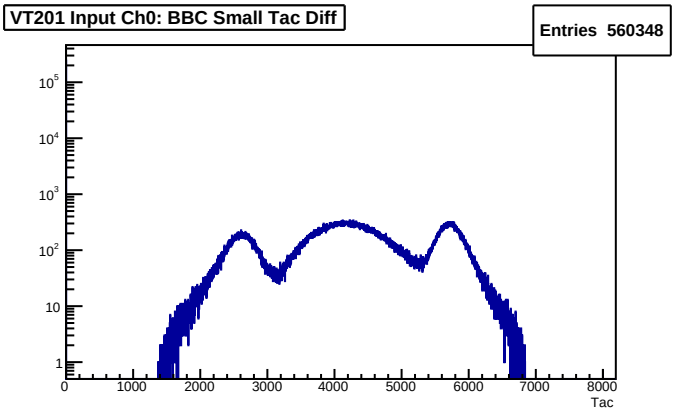

zdcEastTacVsSimu
Entries 1130
Data
Simu

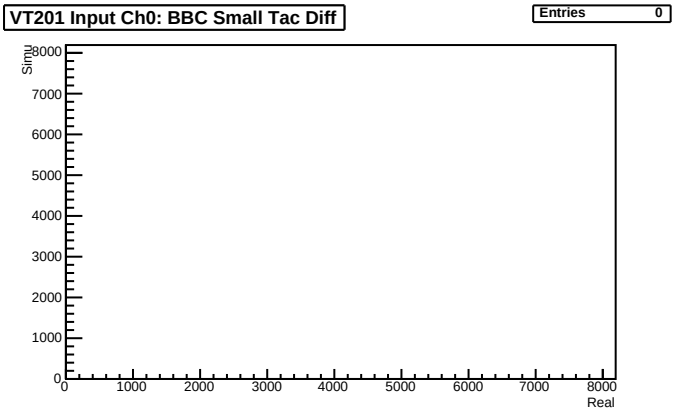

zdcWestTac
Entries 560348

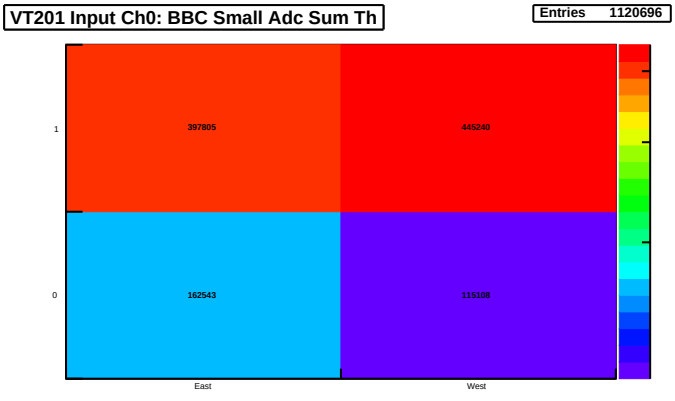

zdcWestTacVsSimu
Entries 2408
Data
Simu

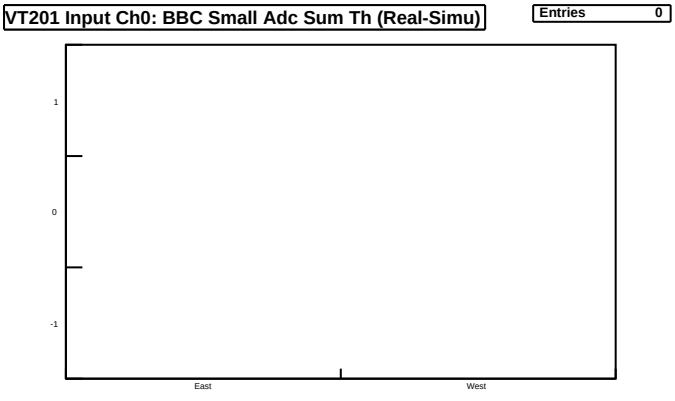

zdcAdcSum
Entries 6724176
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

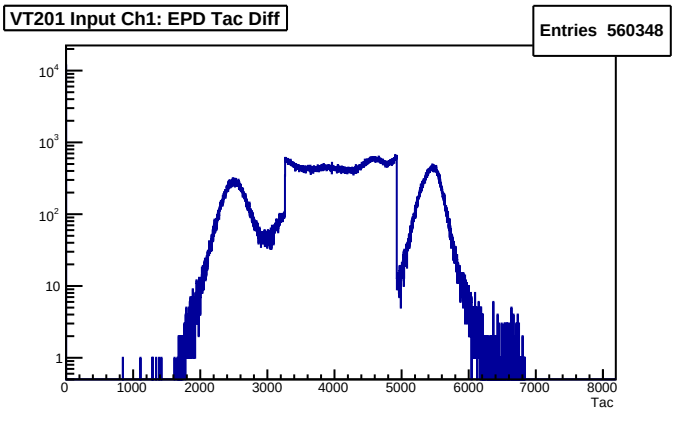

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

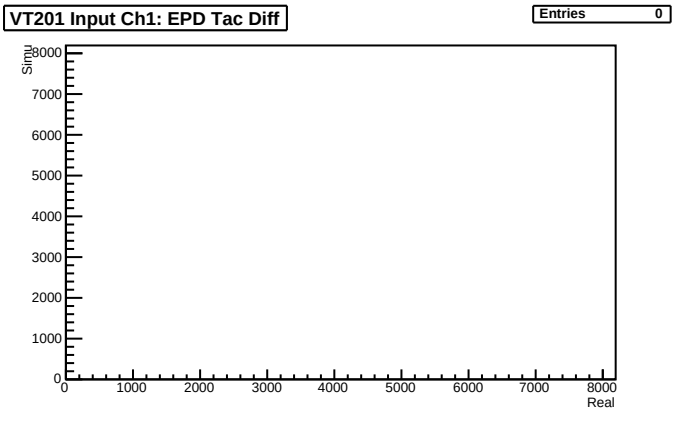

VT201 Input Ch0: BBC Small Tac Diff
Entries 560348
Tac

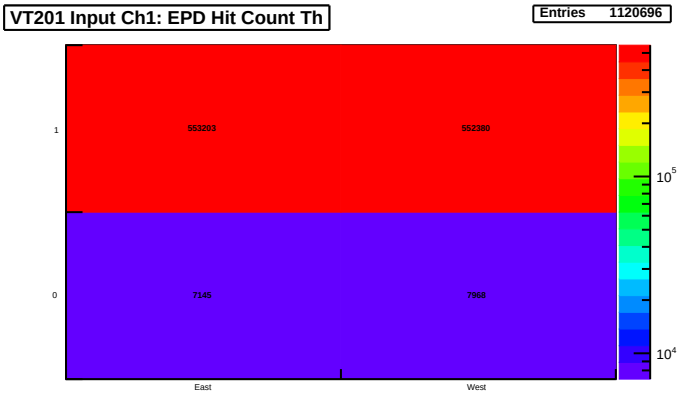

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

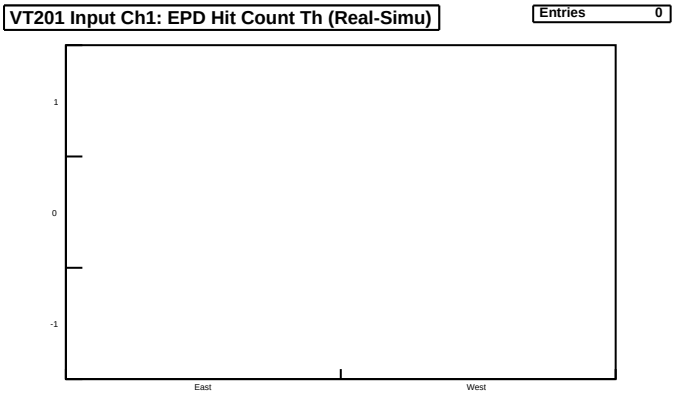

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1120696
397805
445240
162543
115108
East
West

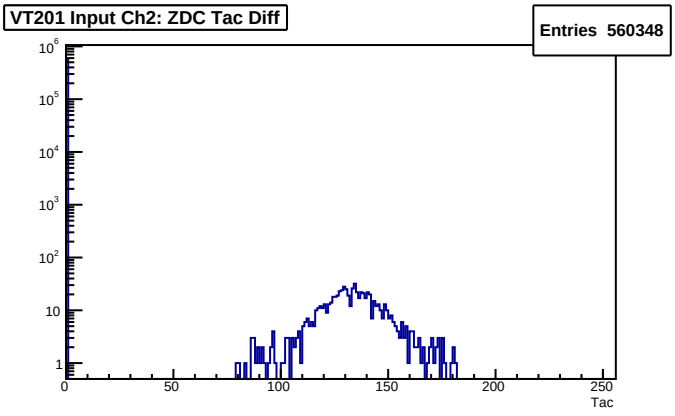

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

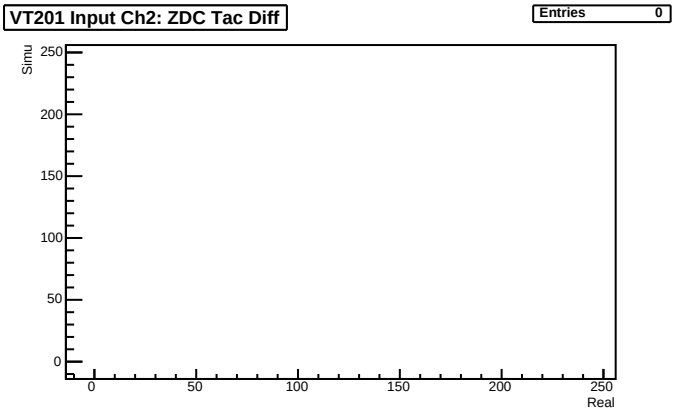

VT201 Input Ch1: EPD Tac Diff
Entries 560348
Tac

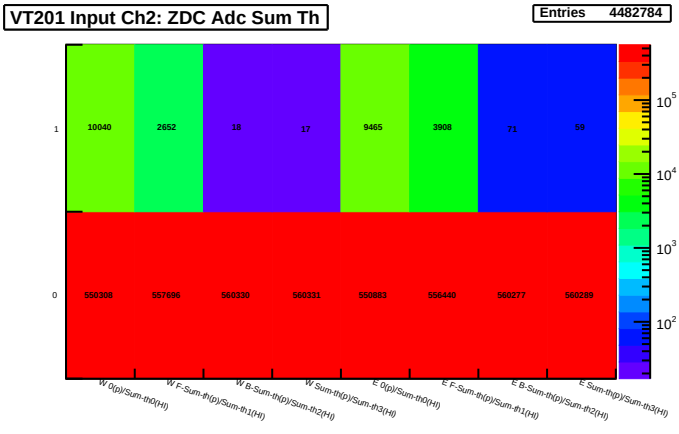

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

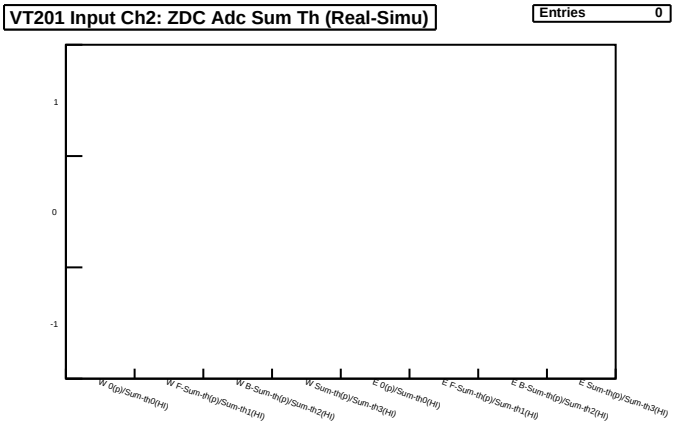

VT201 Input Ch1: EPD Hit Count Th
Entries 1120696
553203
552380
7145
7968
East
West

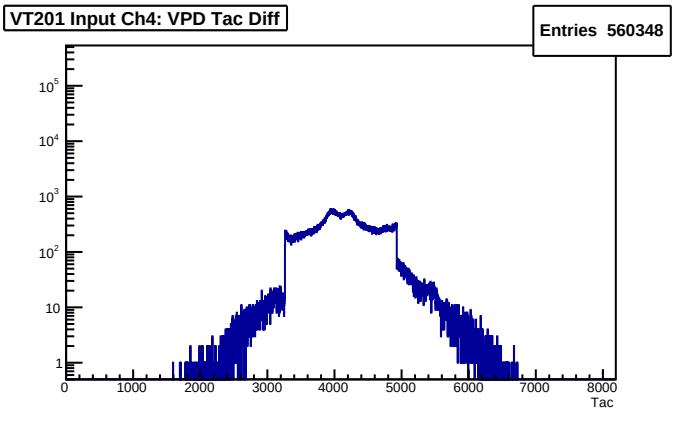

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

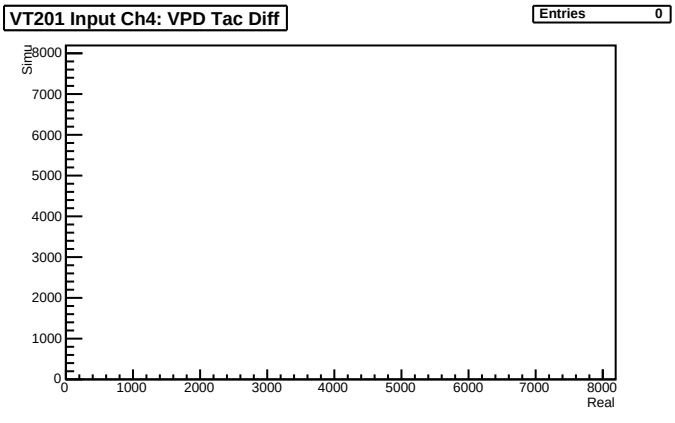

VT201 Input Ch2: ZDC Tac Diff
Entries 560348
Tac

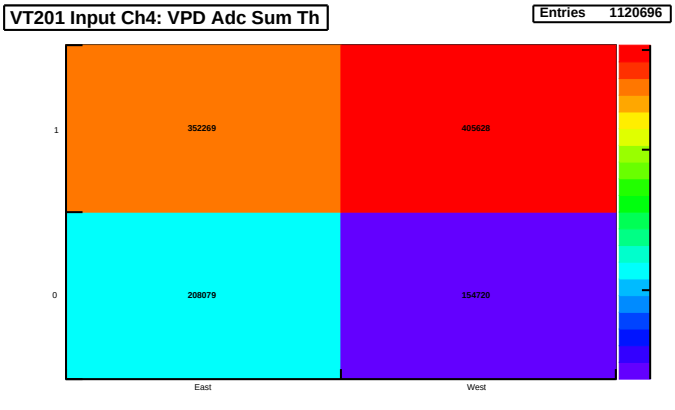

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

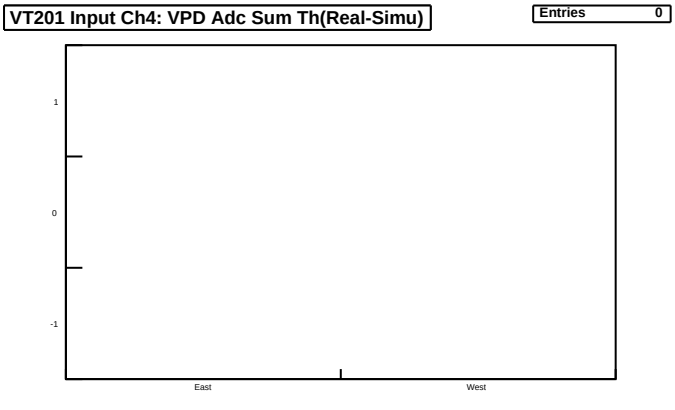

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4482784
10040
2652
18
17
9465
3908
71
59
550308
557696
560330
560331
550883
556440
560277
560289
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

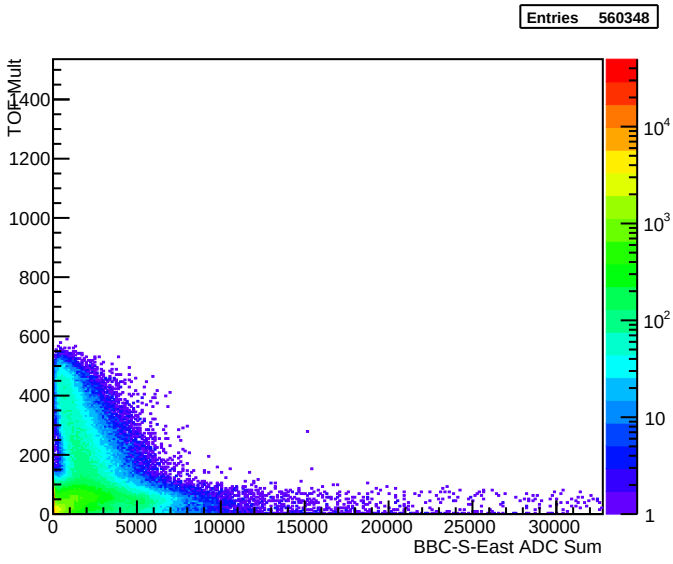

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

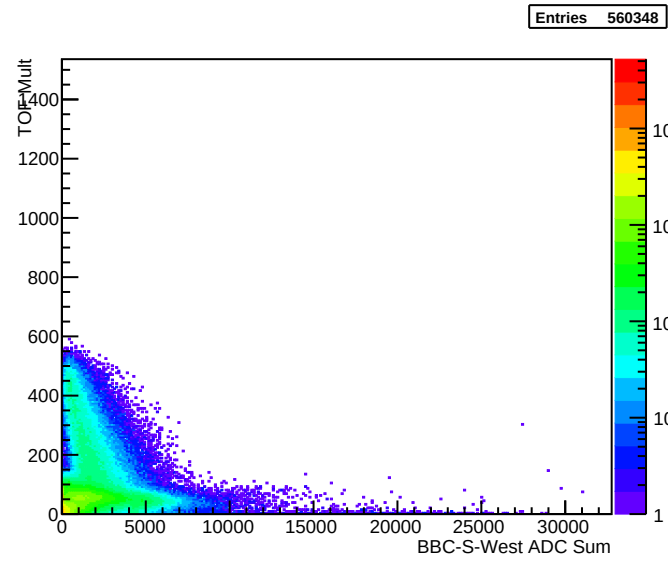

VT201 Input Ch4: VPD Tac Diff
Entries 560348
Tac

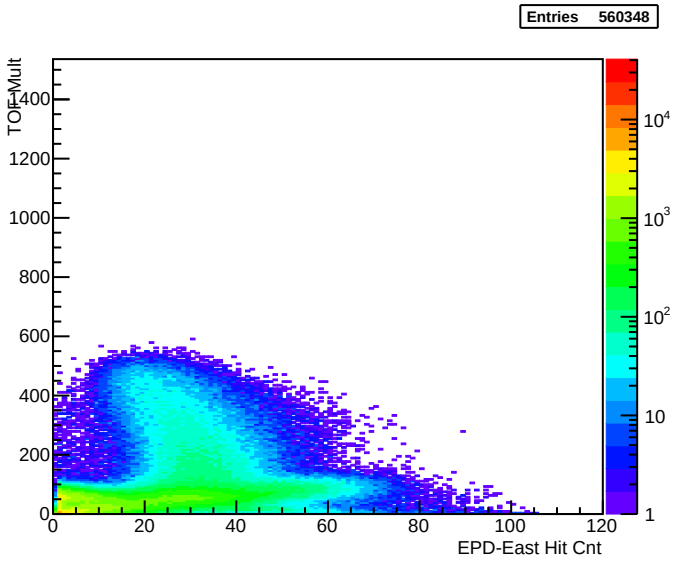

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

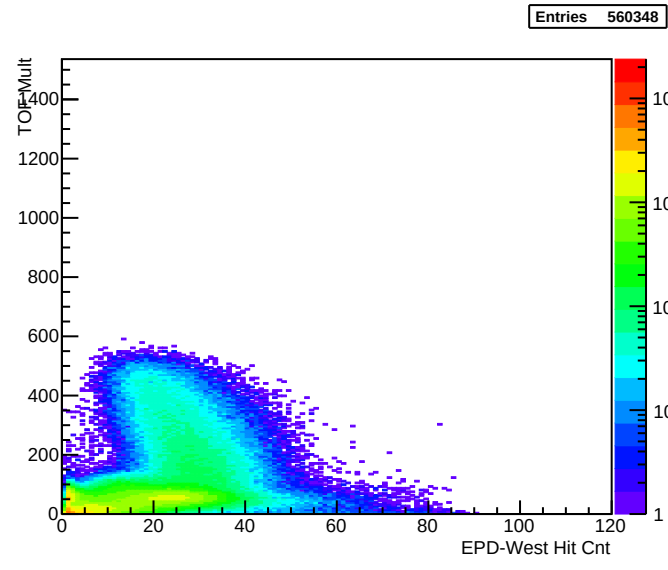

VT201 Input Ch4: VPD Adc Sum Th
Entries 1120696
352269
405628
208079
154720
East
West

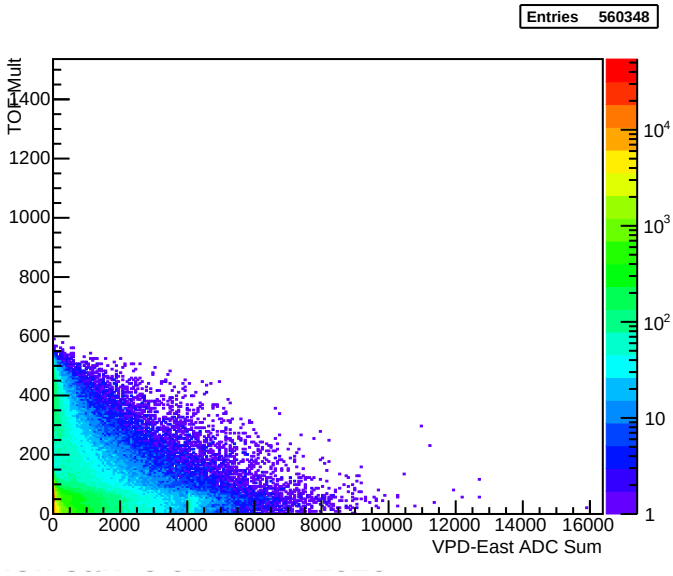

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

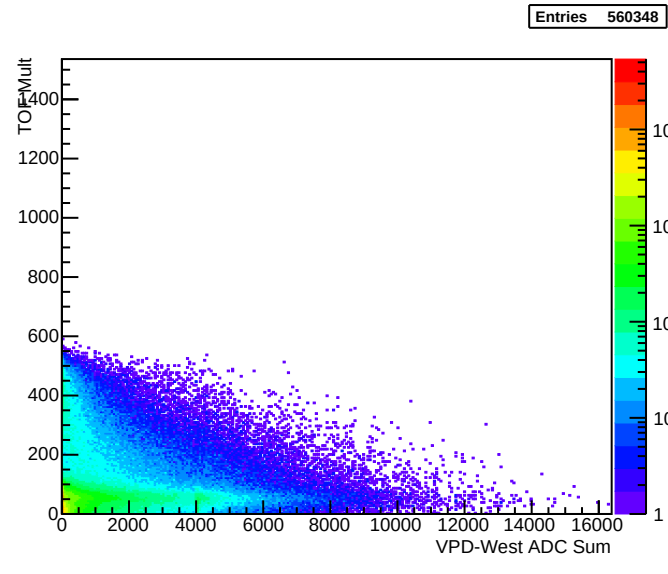

Entries 560348
TOF-Mult
BBC-S-East ADC Sum

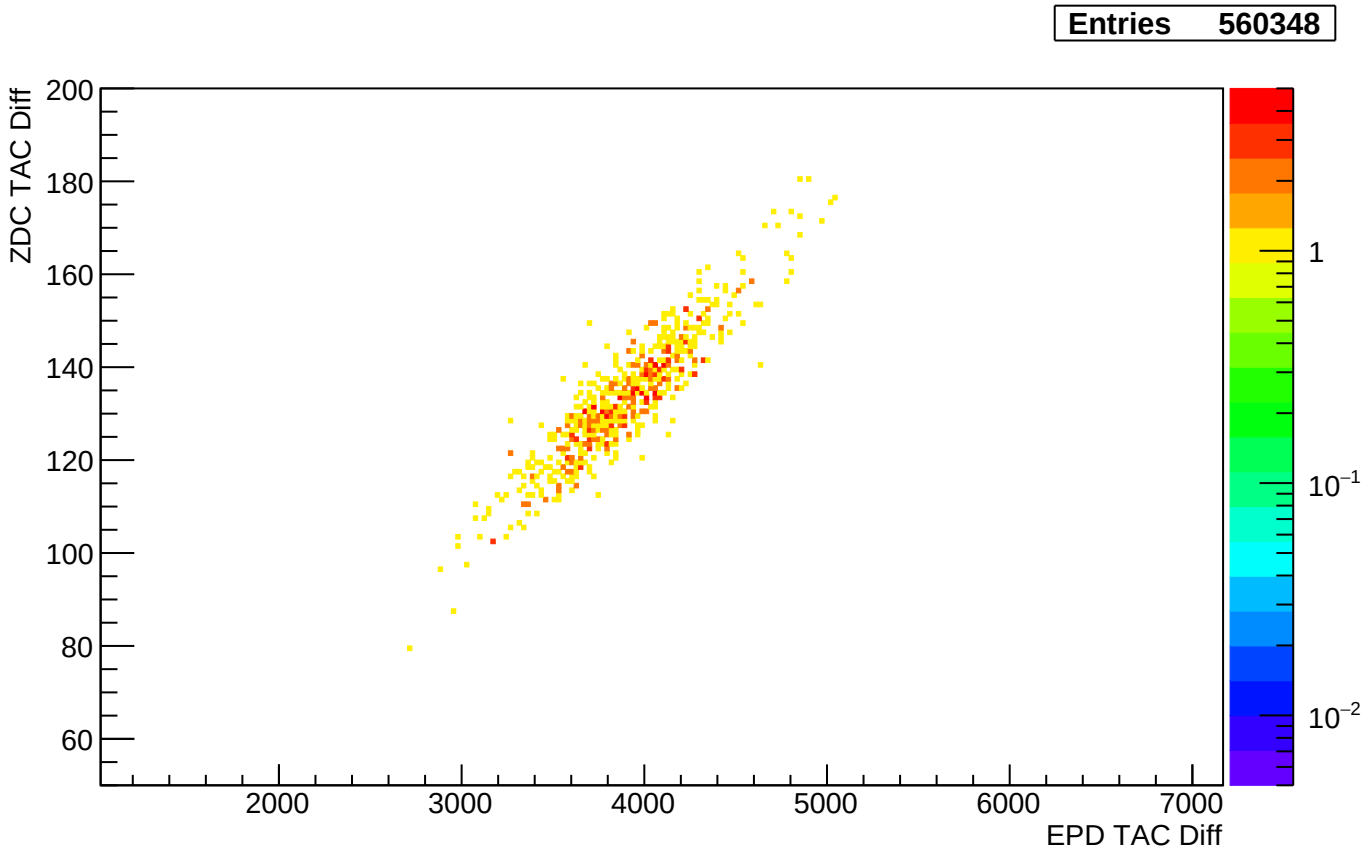

Entries 560348
TOF-Mult
BBC-S-West ADC Sum

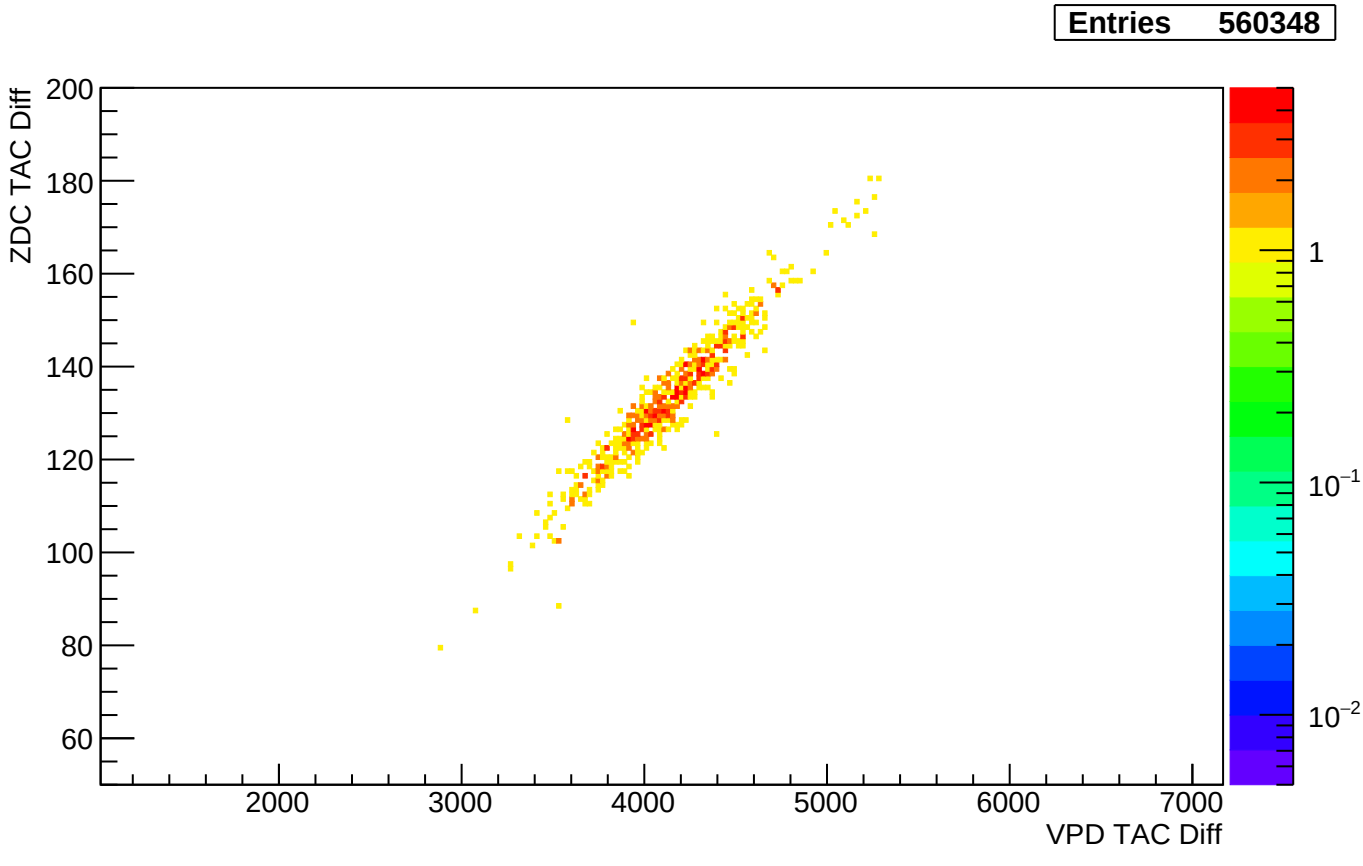

Entries 560348
TOF-Mult
EPD-East Hit Cnt

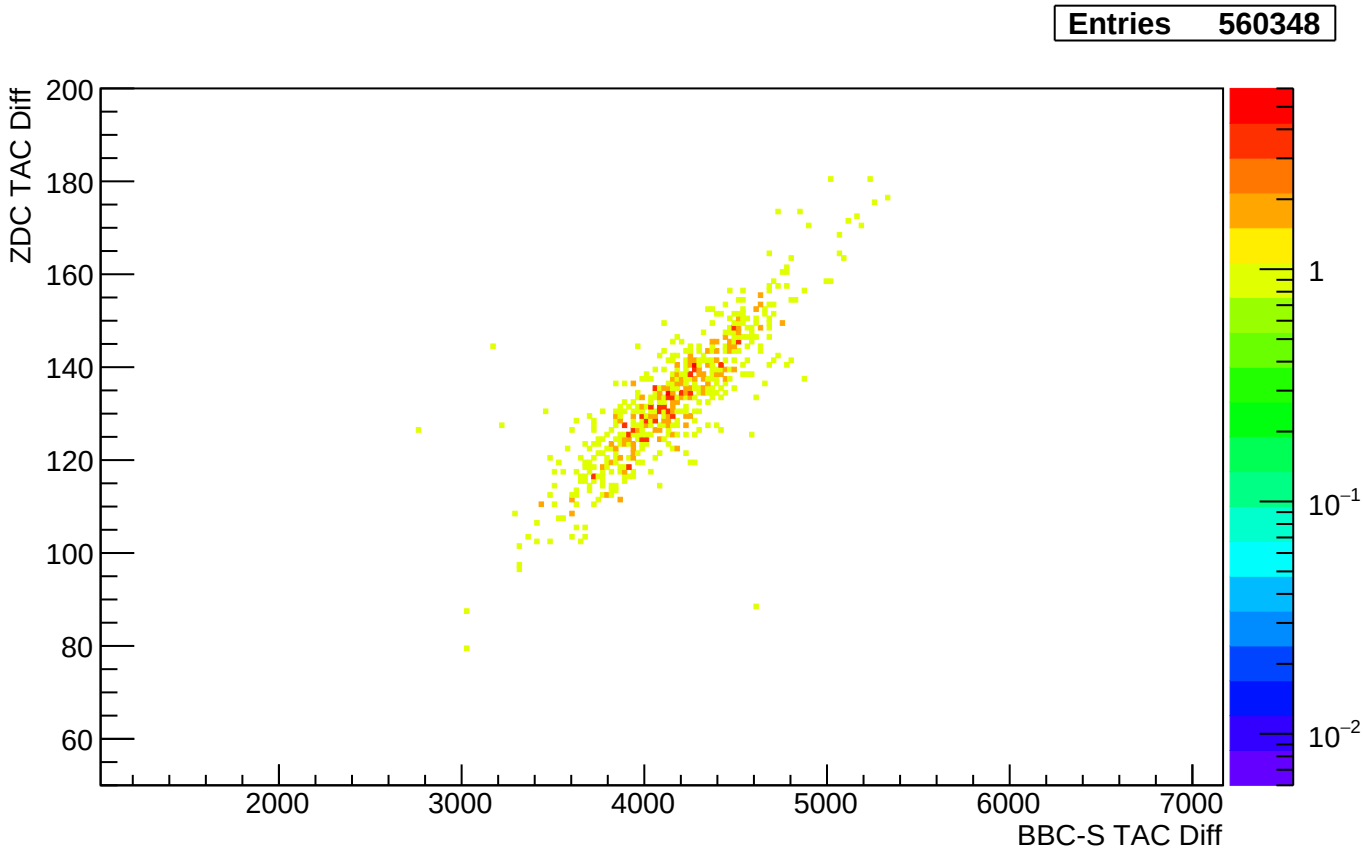

Entries 560348
TOF-Mult
EPD-West Hit Cnt

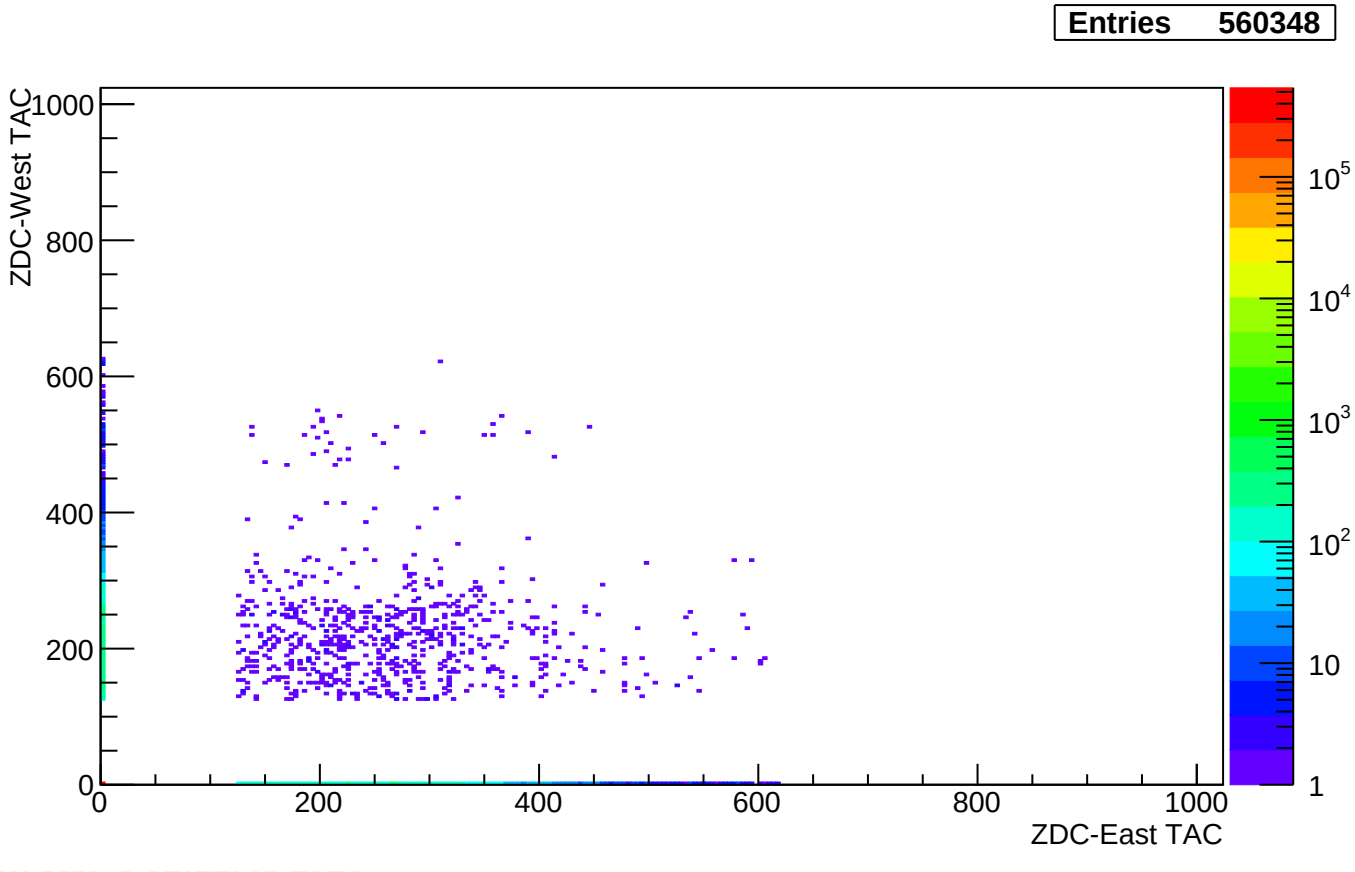

Entries 560348
TOF-Mult
VPD-East ADC Sum

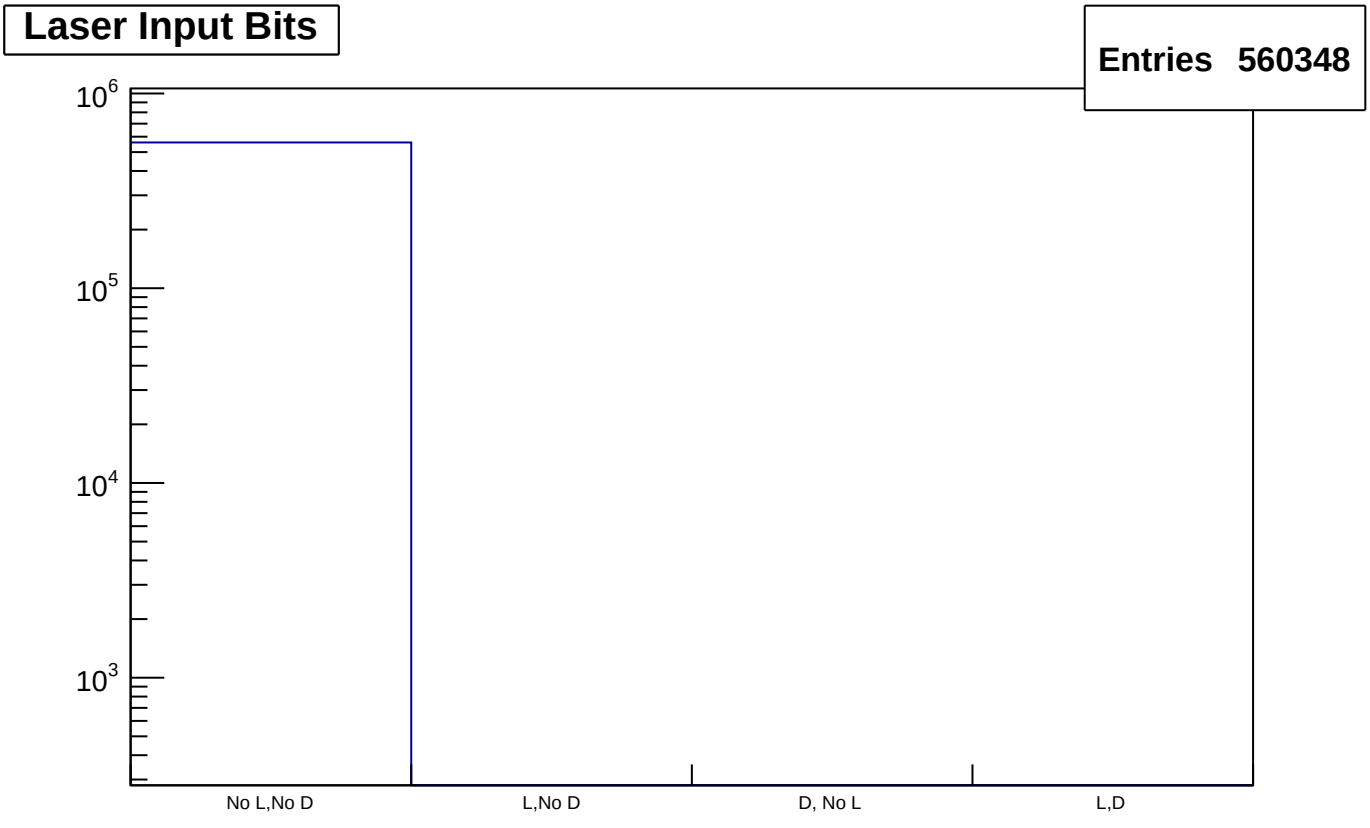

Entries 560348
TOF-Mult
VPD-West ADC Sum

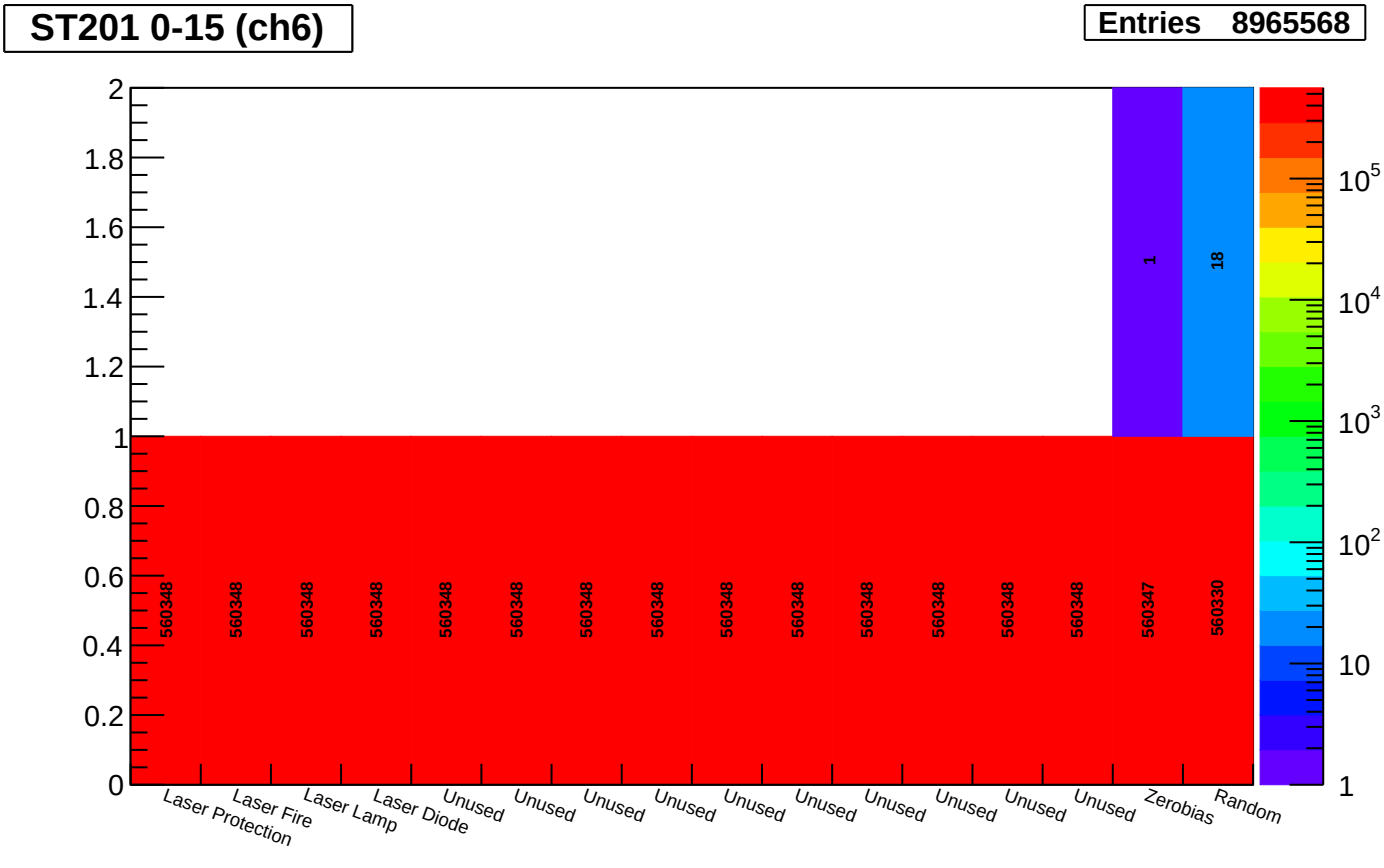

Entries 560348
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

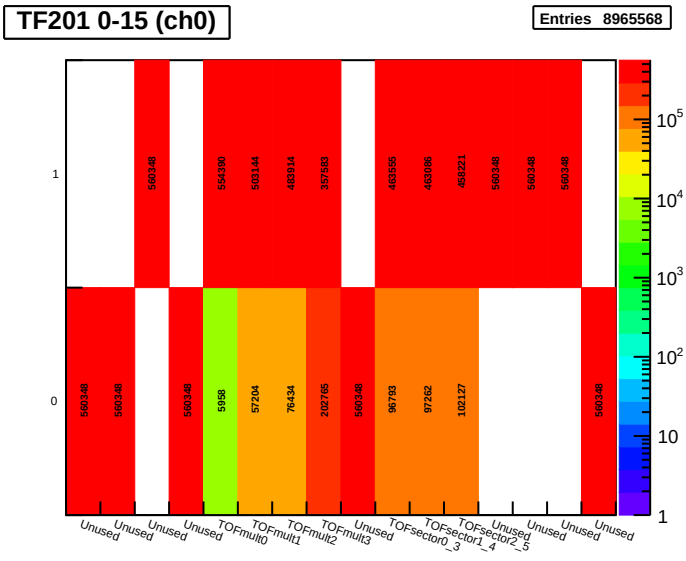

Entries 560348
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

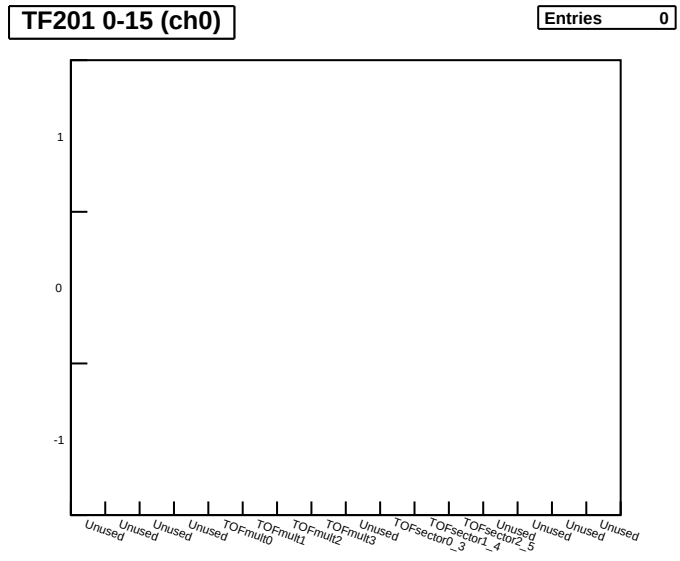

Entries 560348
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

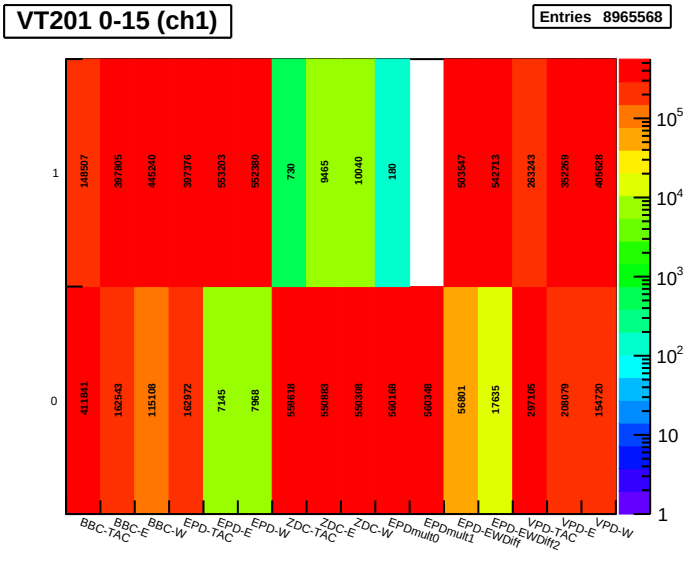

Entries 560348
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

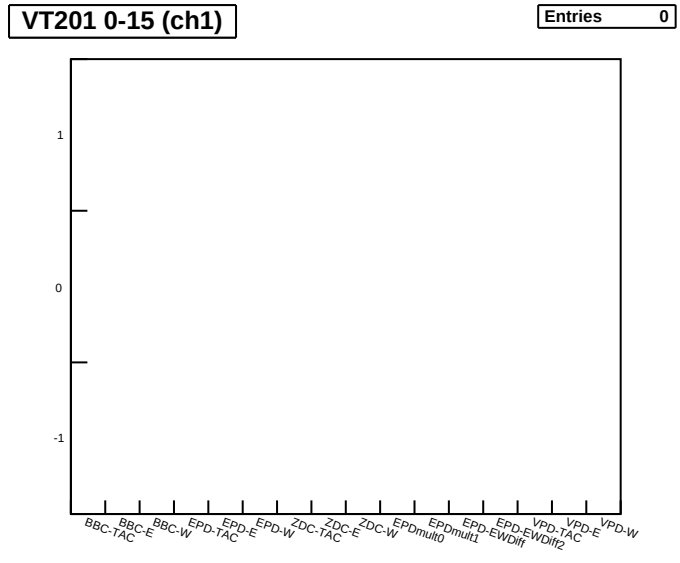

Laser Input Bits
Entries 560348
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

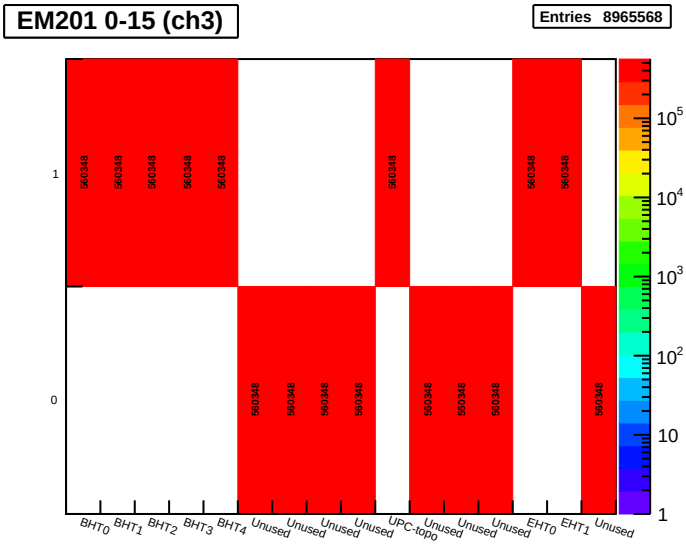

ST201 0-15 (ch6)
Entries 8965568
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
560348
560348
560348
560348
560348
560348
560348
560348
560348
560348
560348
560348
560348
560348
560347
560330
1
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

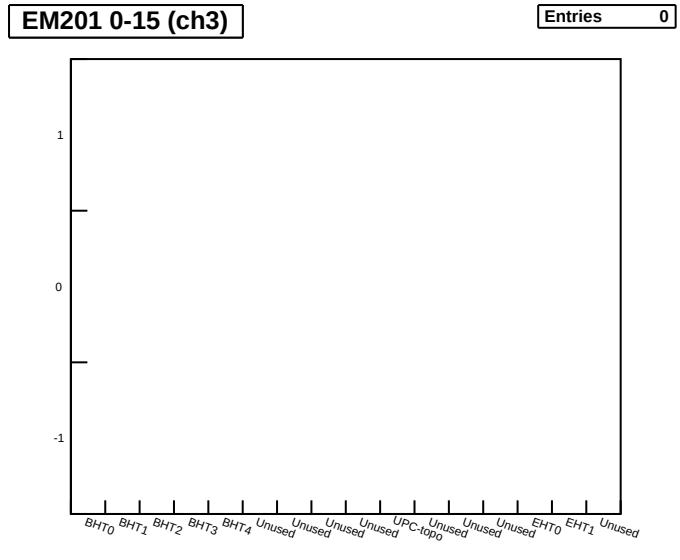

TF201 0-15 (ch0)
Entries 8965568
1
0
560348
554390
503144
463914
357583
463555
463086
458221
5958
57204
76434
202765
96793
97262
102127
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8965568
1
0
148507
397805
445240
397376
553203
552380
730
9465
10040
180
503547
542713
263243
352269
405628
411841
162543
115108
162972
7145
7968
559618
550883
550308
560168
560348
56801
17635
297105
208079
154720
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 8965568
1
0
560348
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1