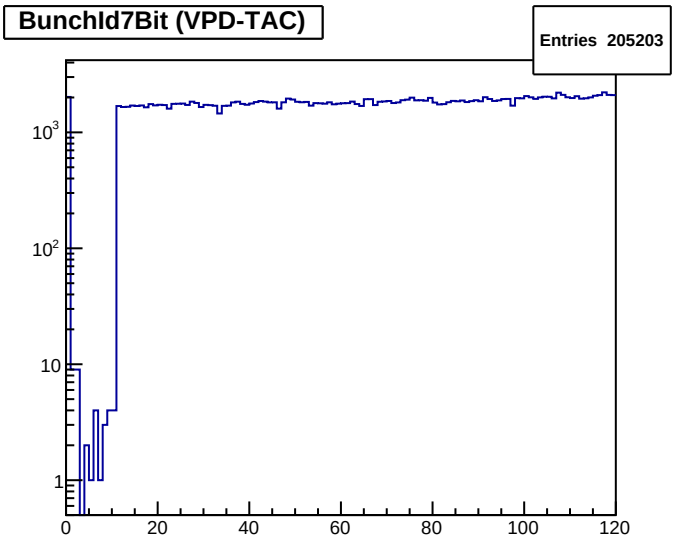
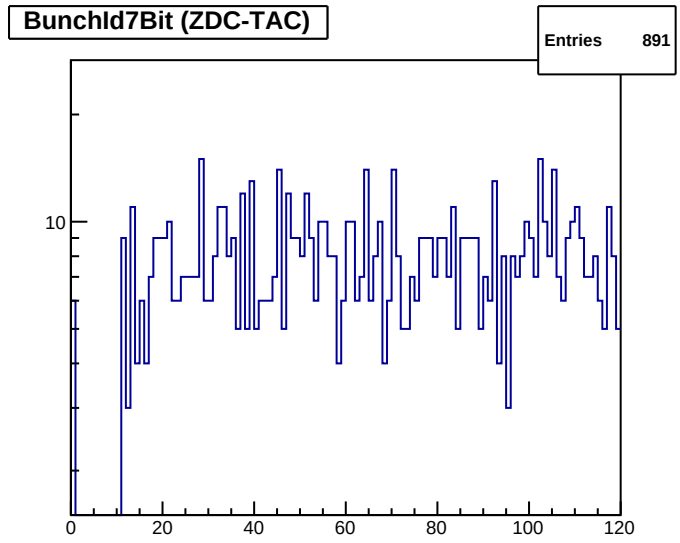
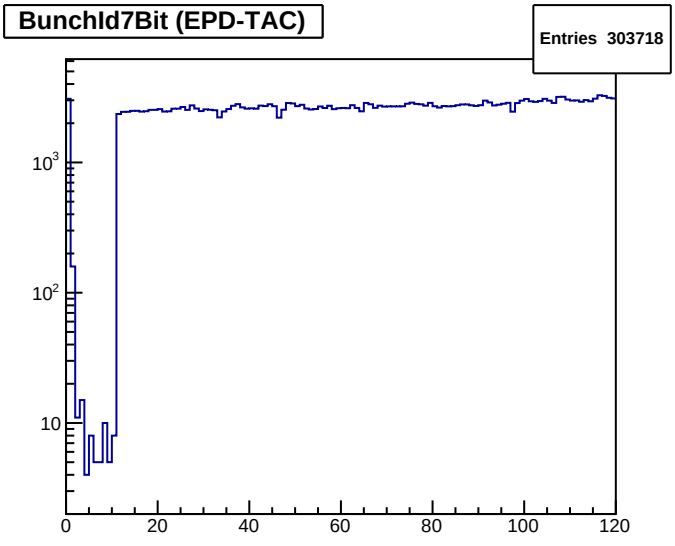
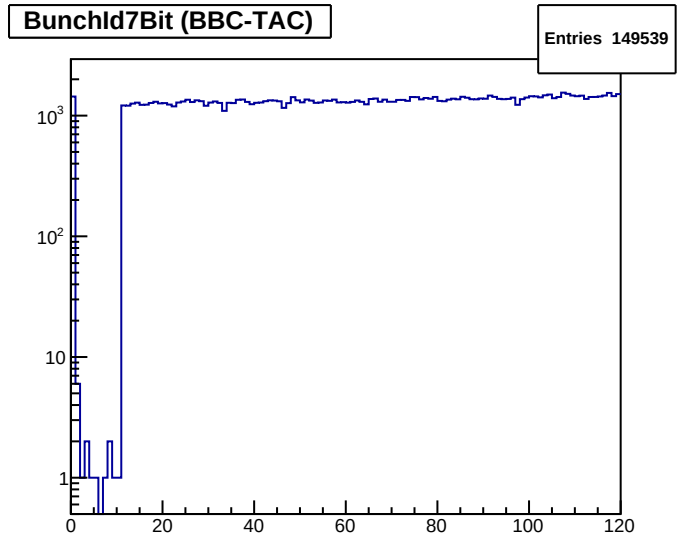
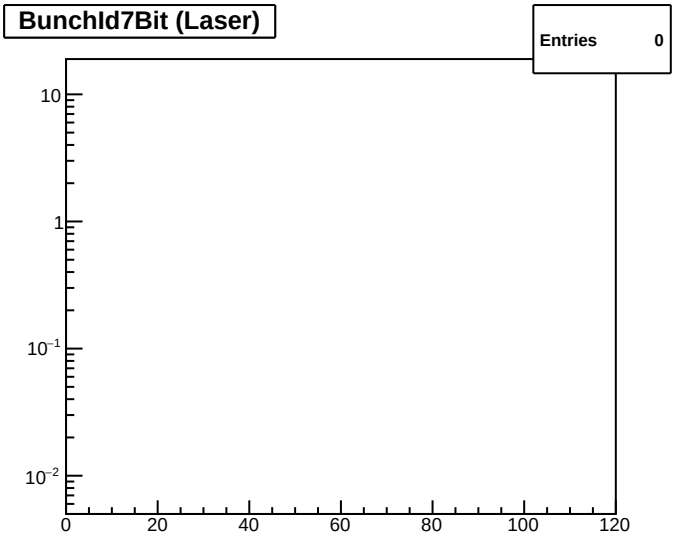
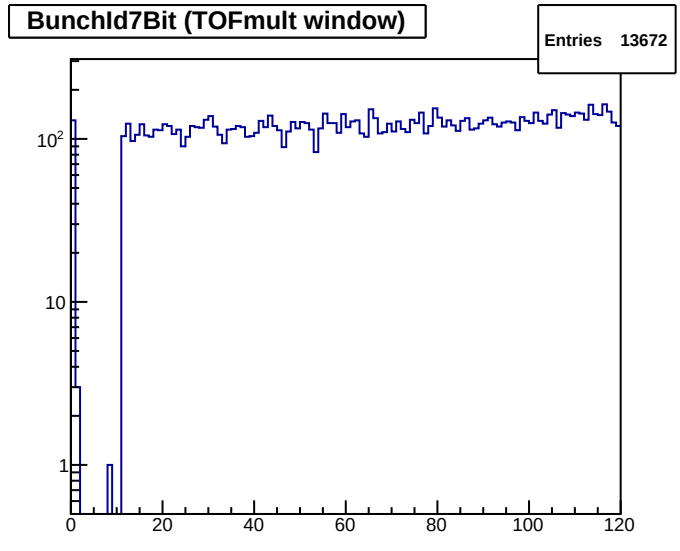

BunchId7Bit (VPD-TAC)
Entries 205203

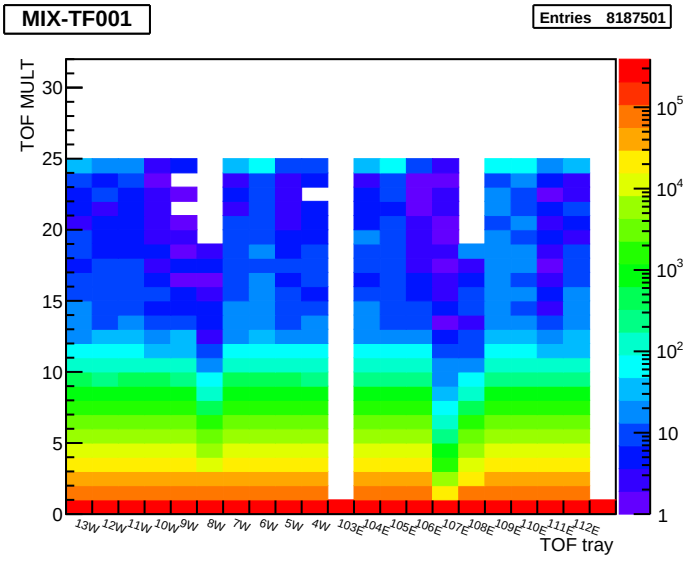

BunchId7Bit (ZDC-TAC)
Entries 891

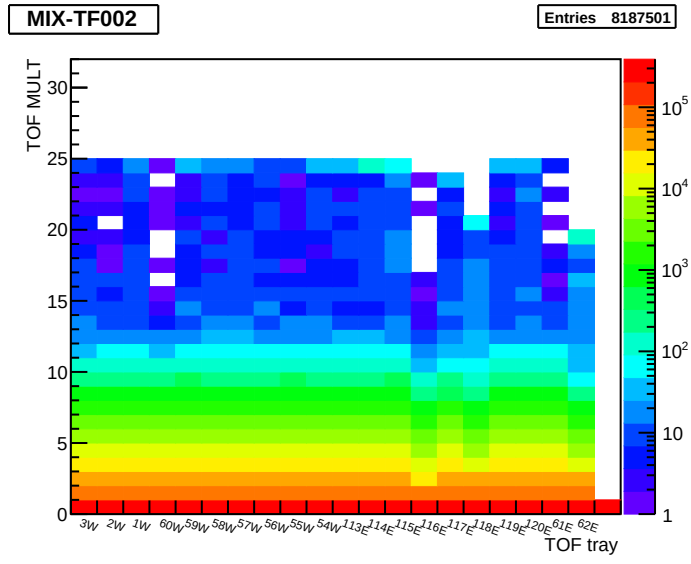

BunchId7Bit (EPD-TAC)
Entries 303718

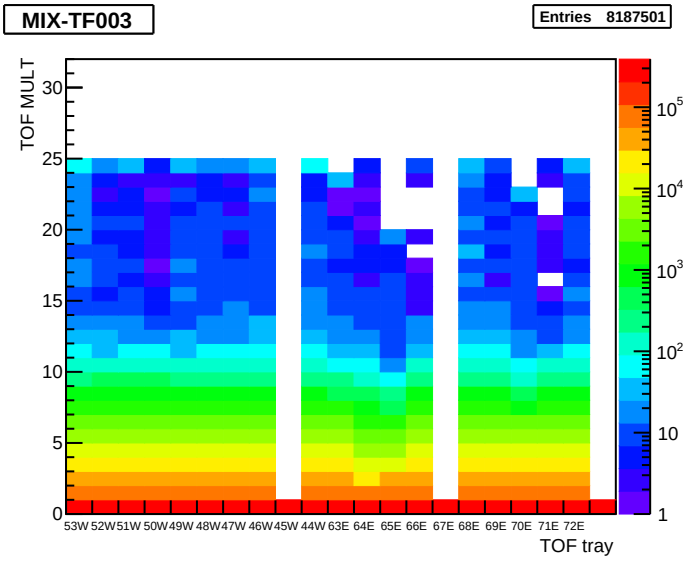

BunchId7Bit (BBC-TAC)
Entries 149539

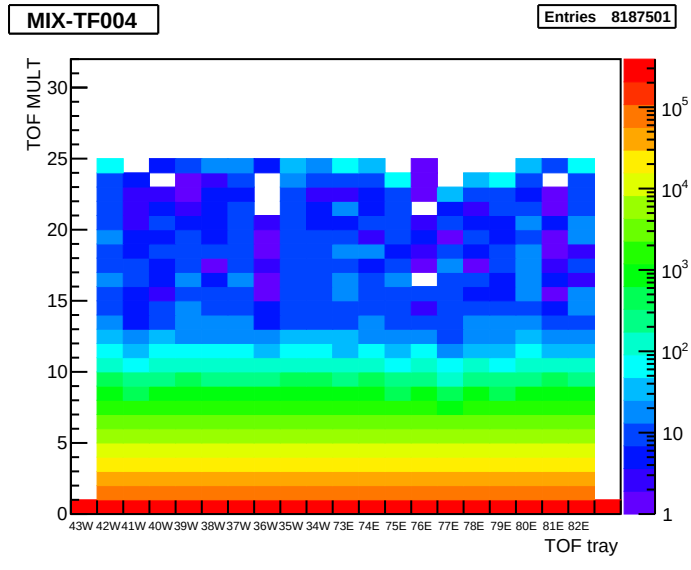

BunchId7Bit (Laser)
Entries 0

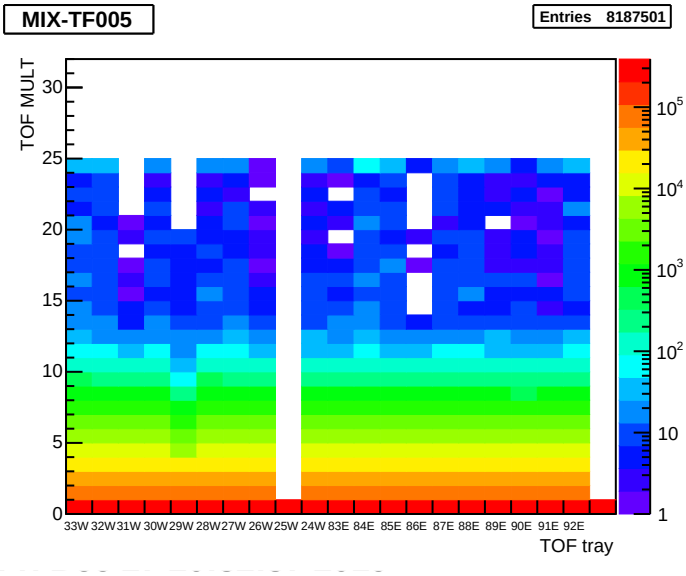

BunchId7Bit (TOFmult window)
Entries 13672

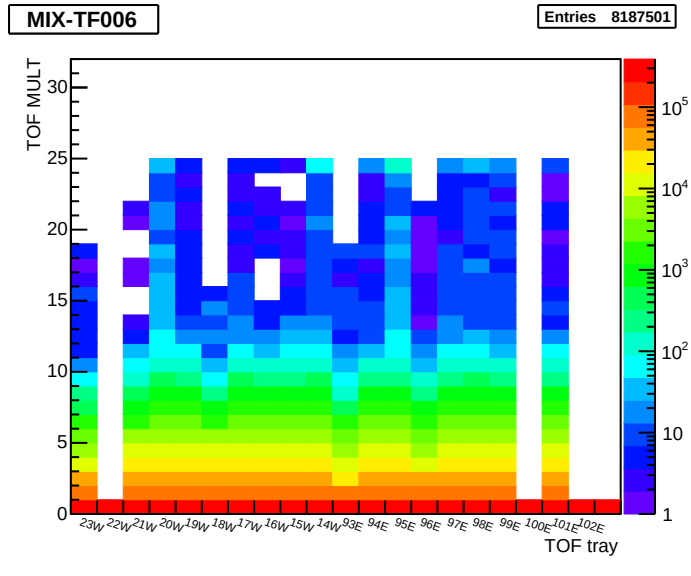

MIX-TF001
Entries 8187501
TOF MULT
TOF tray

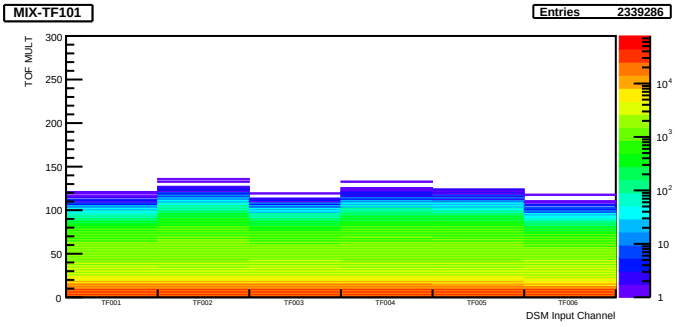

MIX-TF002
Entries 8187501
TOF MULT
TOF tray

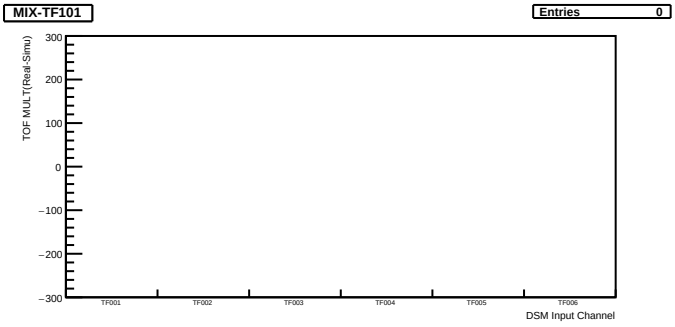

MIX-TF003
Entries 8187501
TOF MULT
TOF tray

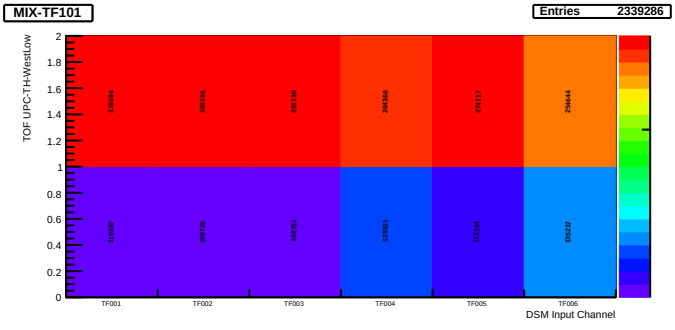

MIX-TF004
Entries 8187501
TOF MULT
TOF tray

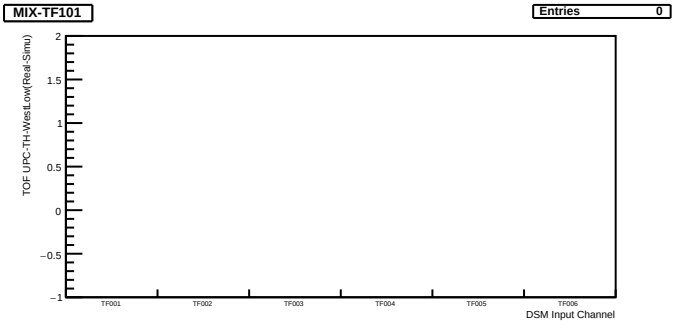

MIX-TF005
Entries 8187501
TOF MULT
TOF tray

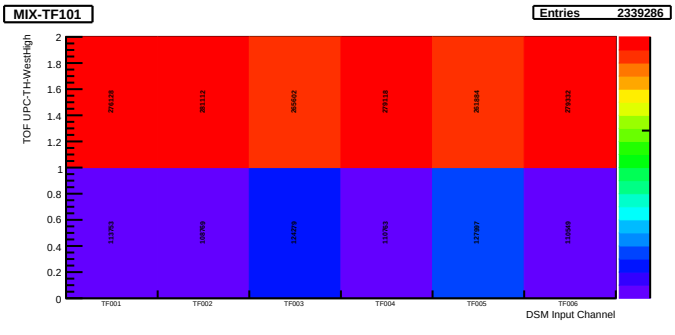

MIX-TF006
Entries 8187501
TOF MULT
TOF tray

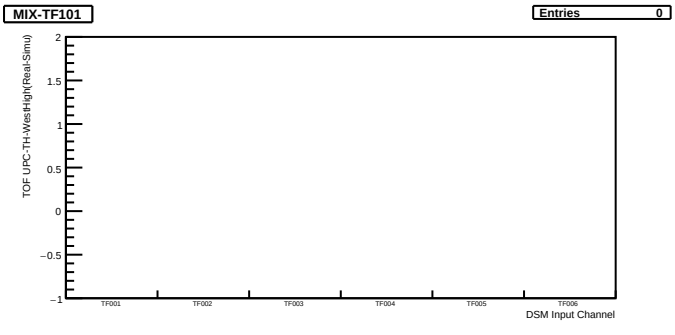

MIX-TF101
Entries 2339286
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

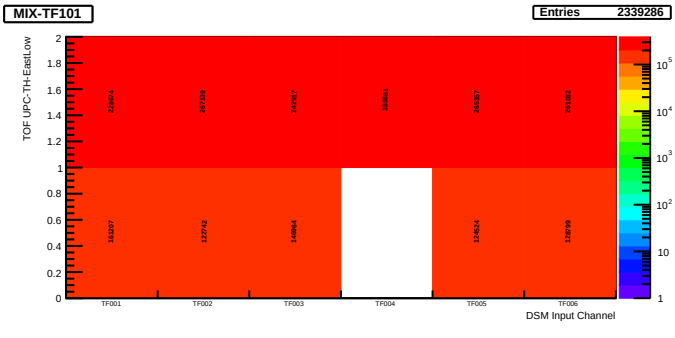

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

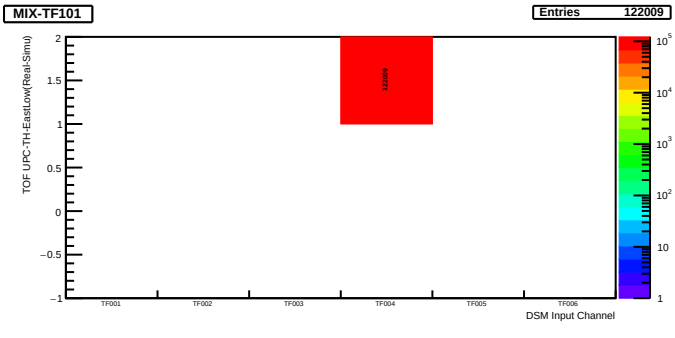

MIX-TF101
Entries 2339286
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

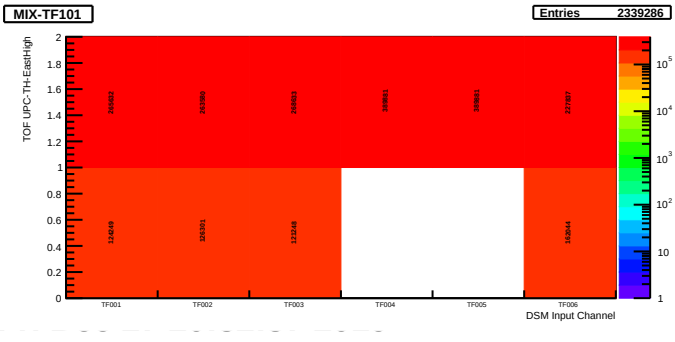

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

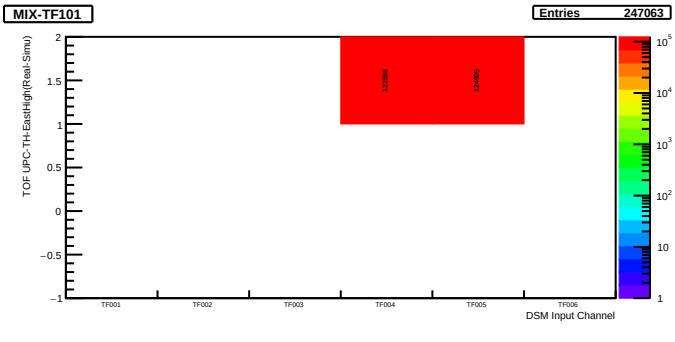

MIX-TF101
Entries 2339286
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

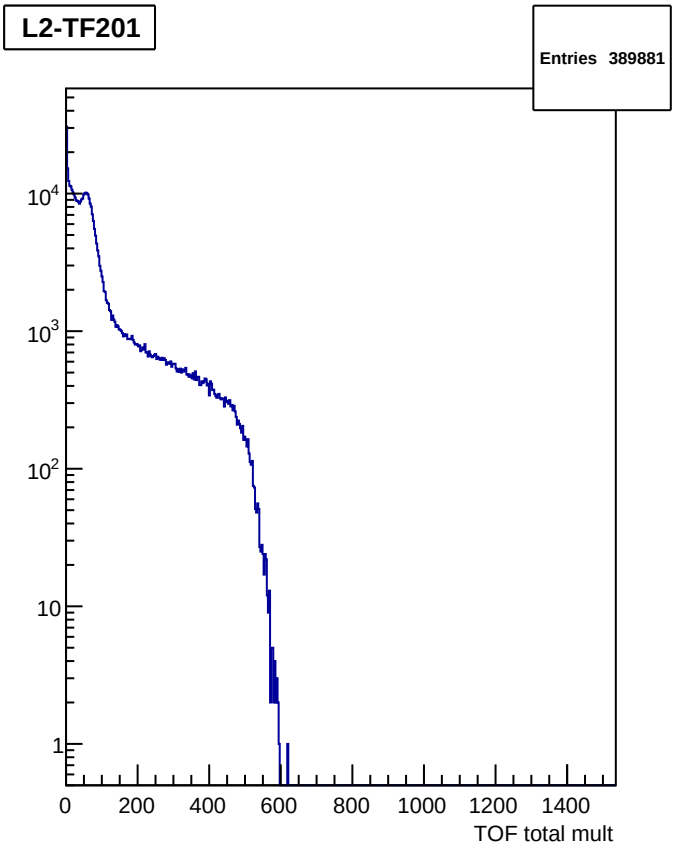

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

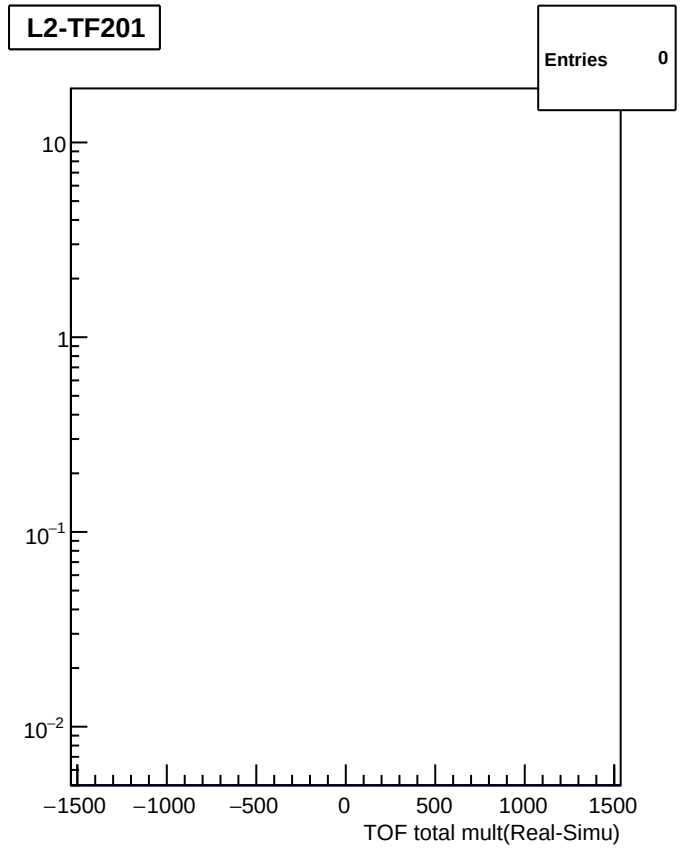

MIX-TF101
Entries 2339286
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

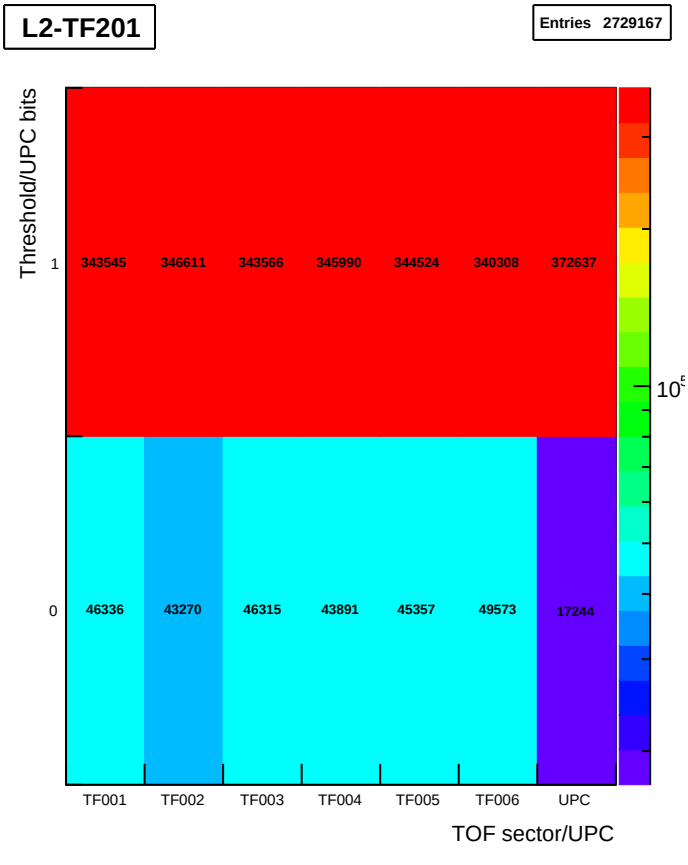

MIX-TF101
Entries 122009
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

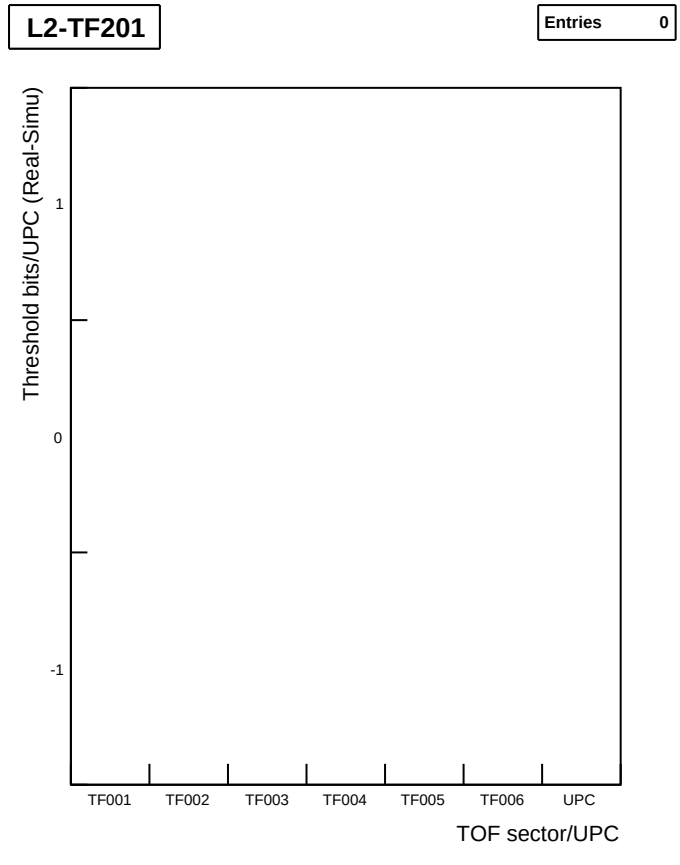

MIX-TF101
Entries 2339286
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

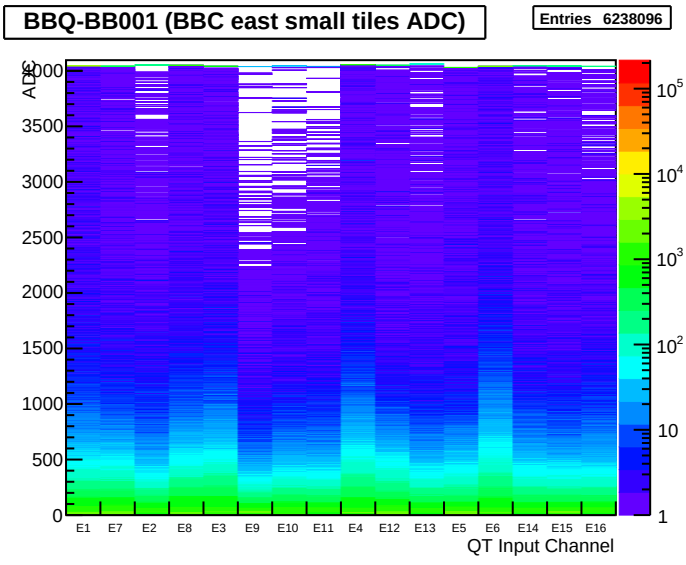

MIX-TF101
Entries 247063
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

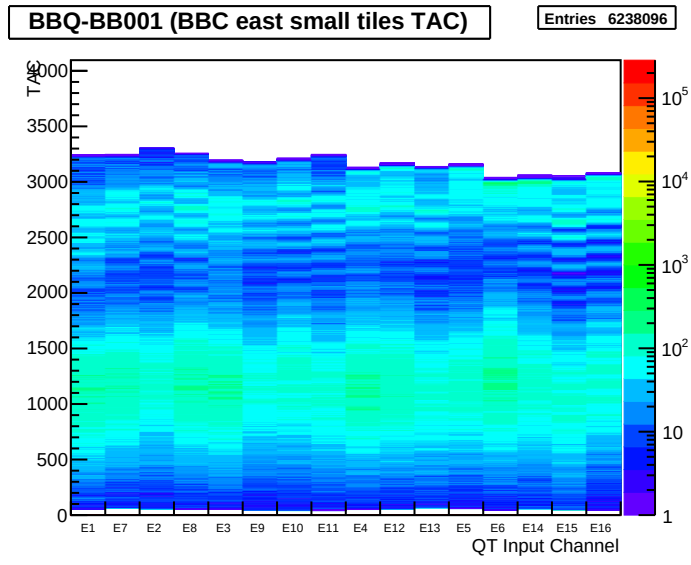

L2-TF201
Entries 389881
TOF total mult

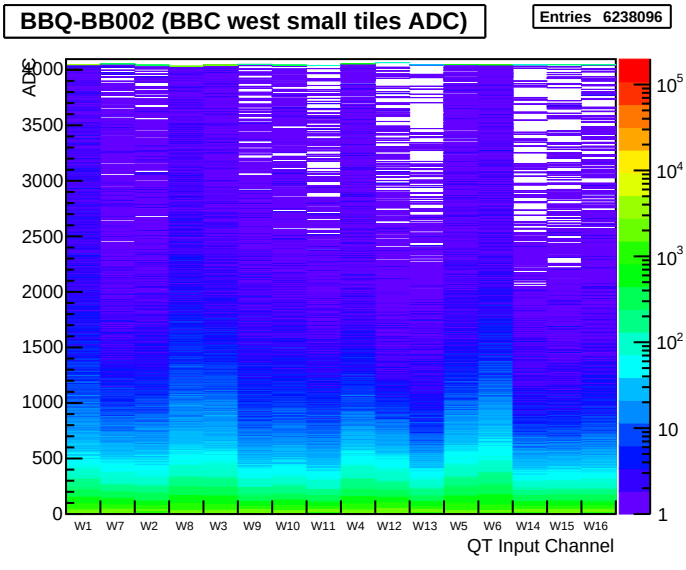

L2-TF201
Entries 0
TOF total mult(Real-Simu)

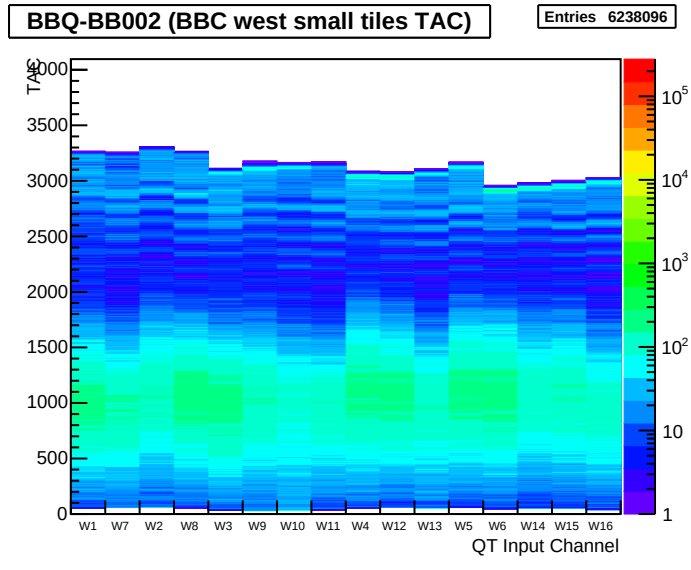

L2-TF201
Entries 2729167
Threshold/UPC bits
343545
346611
343566
345990
344524
340308
372637
46336
43270
46315
43891
45357
49573
17244
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

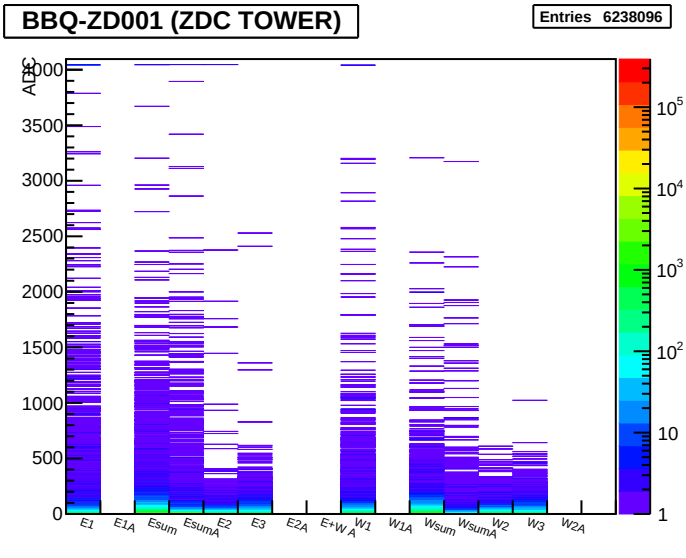

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

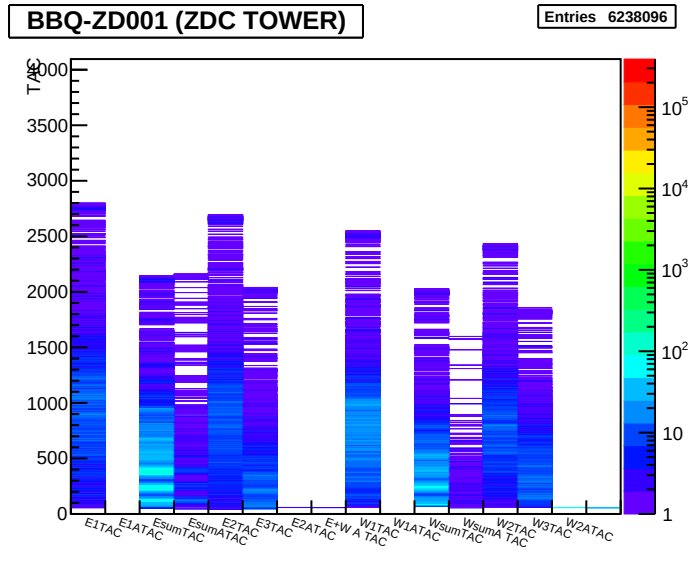

BBQ-BB001 (BBC east small tiles ADC)
Entries 6238096
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

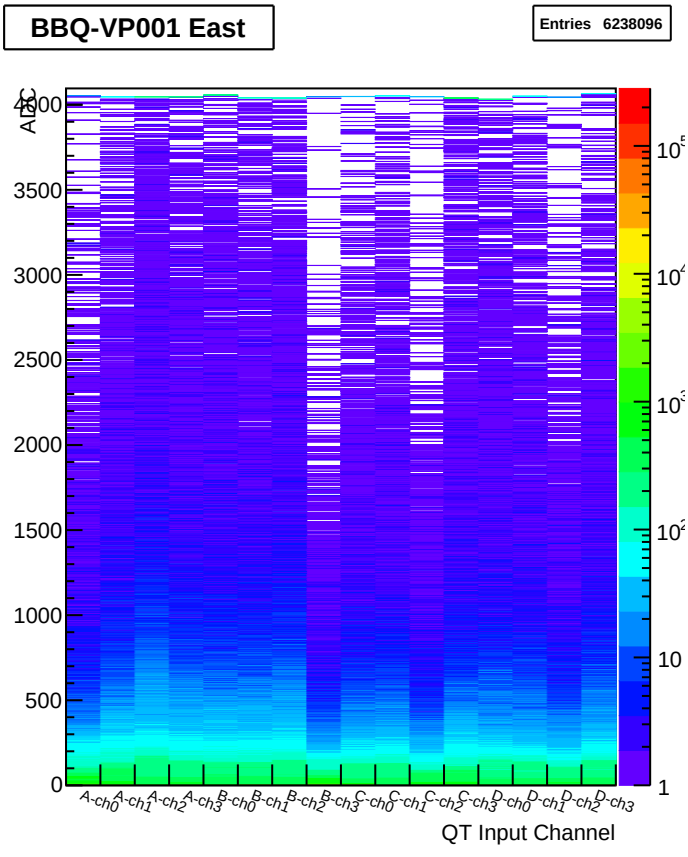

BBQ-BB001 (BBC east small tiles TAC)
Entries 6238096
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

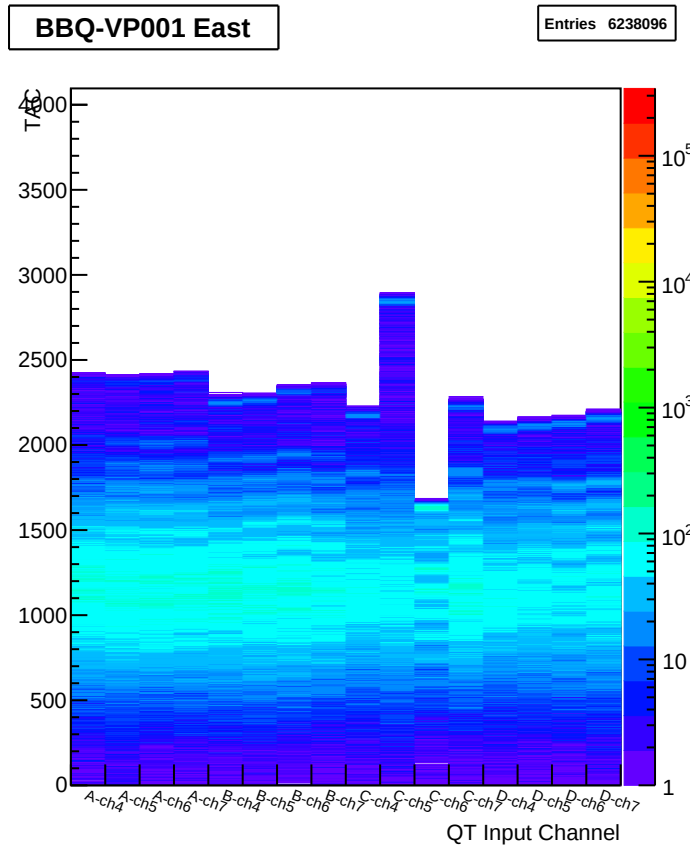

BBQ-BB002 (BBC west small tiles ADC)
Entries 6238096
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

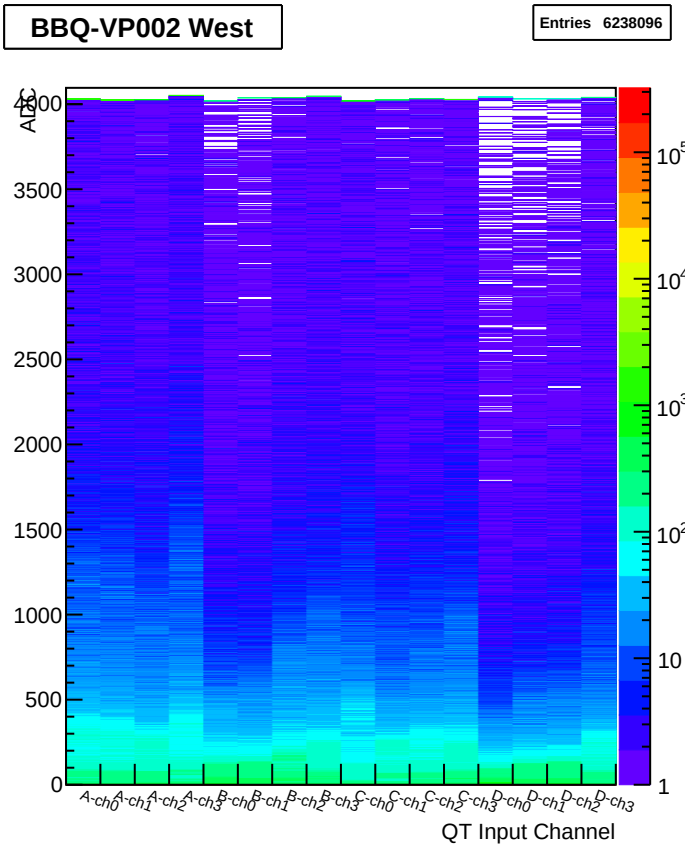

BBQ-BB002 (BBC west small tiles TAC)
Entries 6238096
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

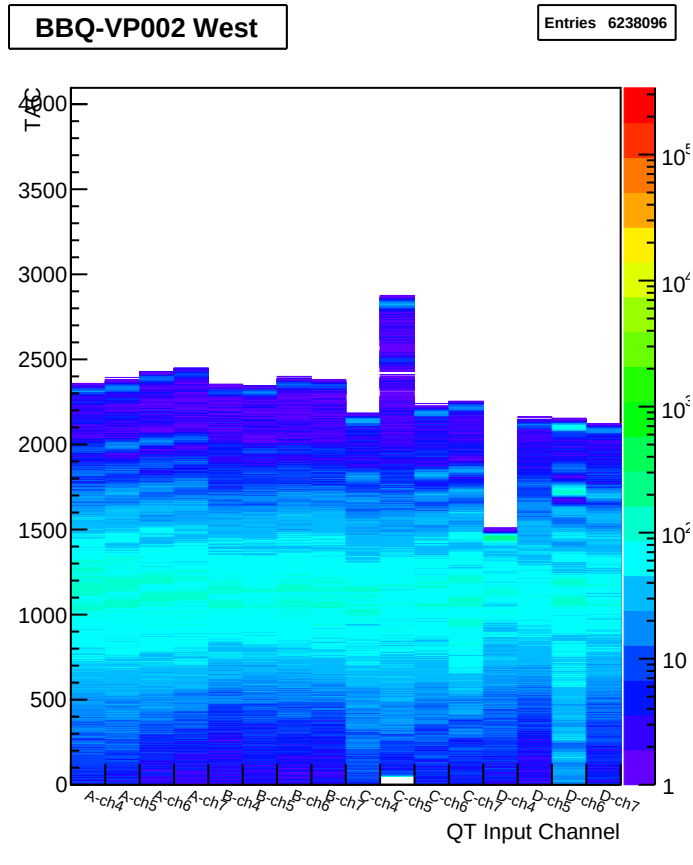

BBQ-ZD001 (ZDC TOWER)
Entries 6238096
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

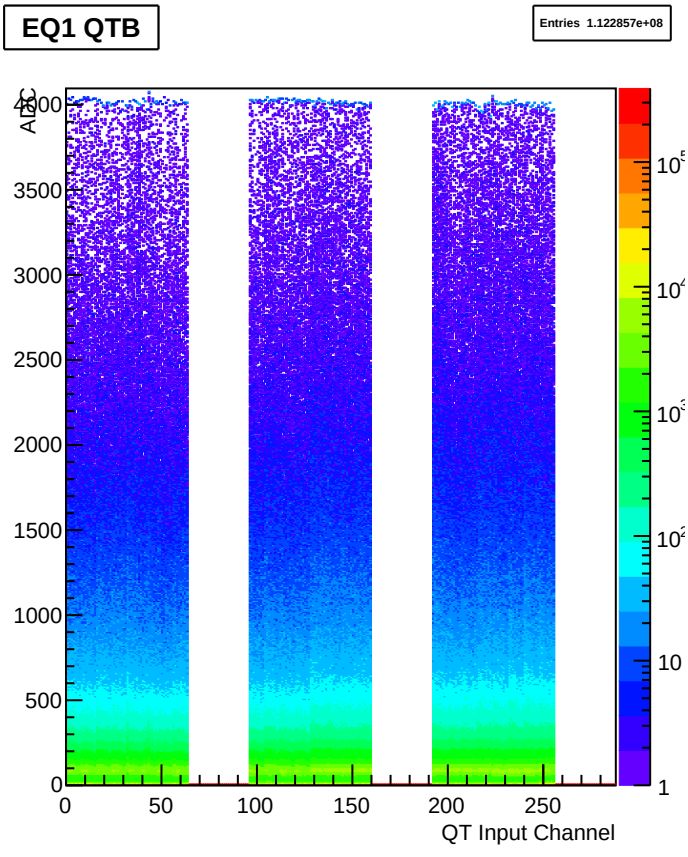

BBQ-ZD001 (ZDC TOWER)
Entries 6238096
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

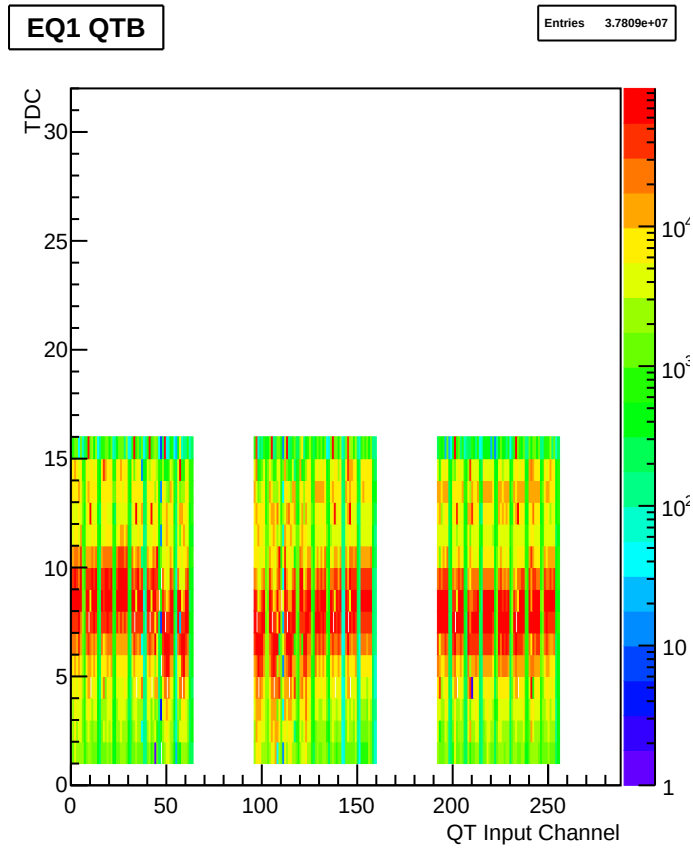

BBQ-VP001 East
Entries 6238096
ADC
QT Input Channel

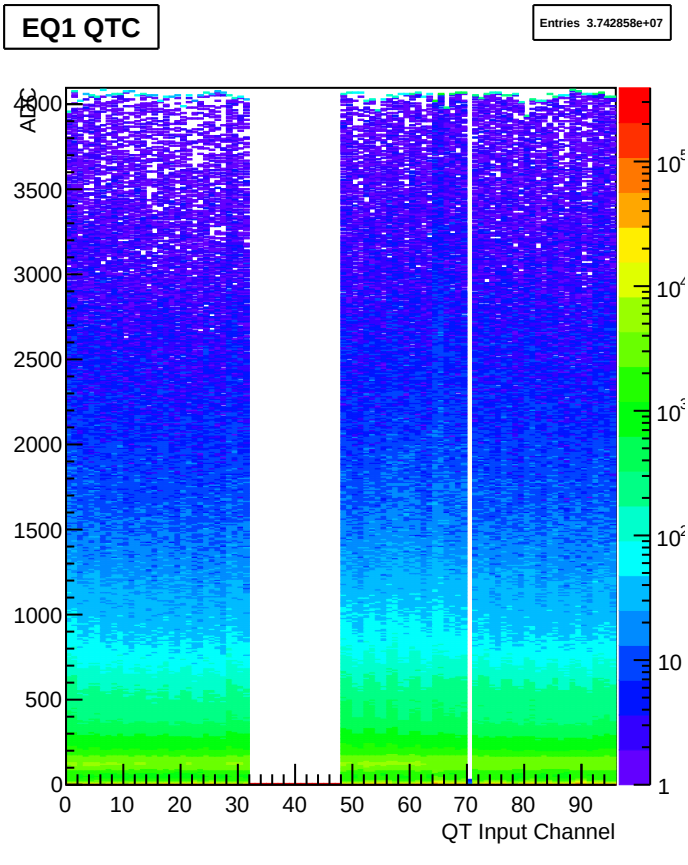

BBQ-VP001 East
Entries 6238096
ADC
QT Input Channel

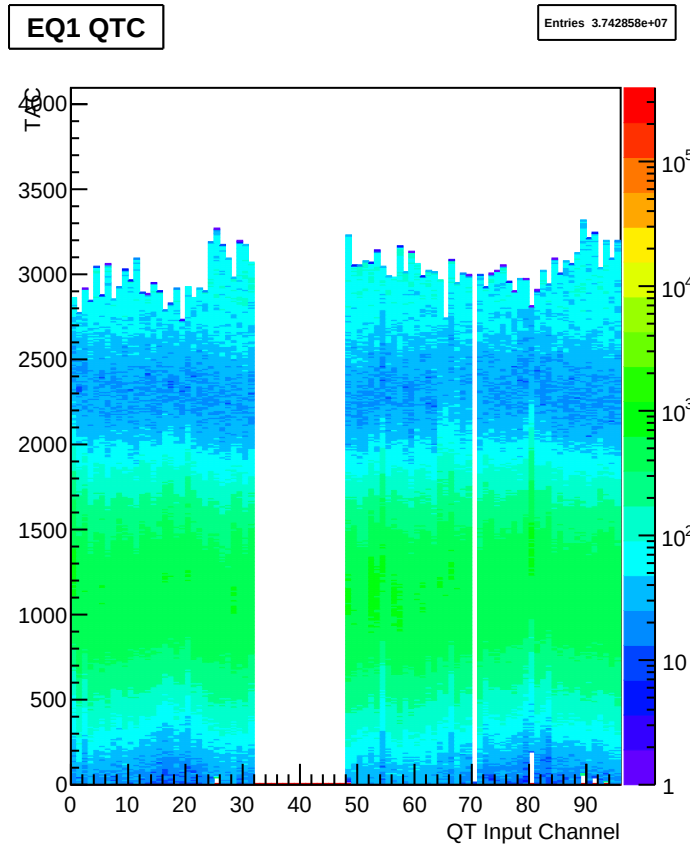

BBQ-VP002 West
Entries 6238096
ADC
QT Input Channel

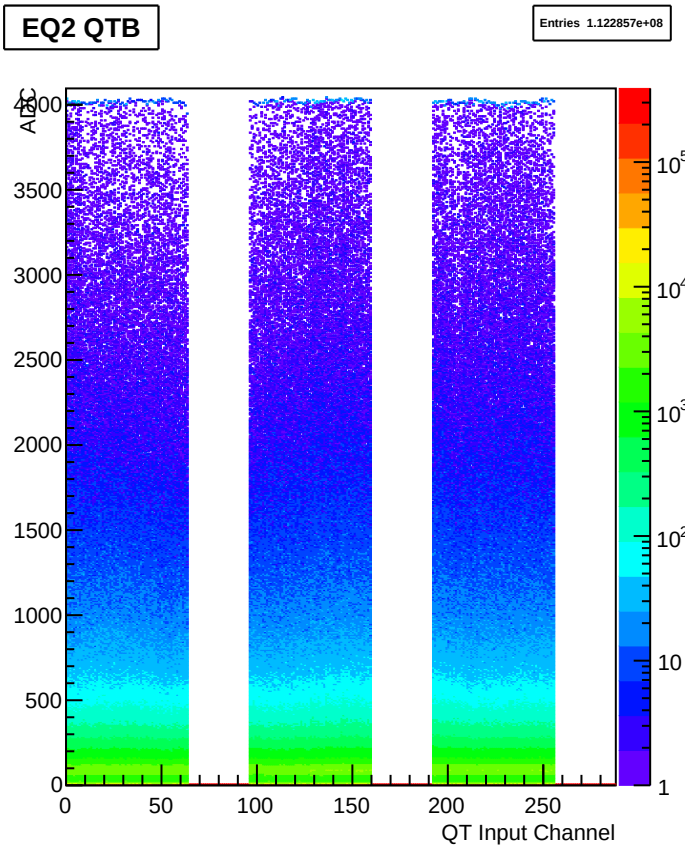

BBQ-VP002 West
Entries 6238096
ADC
QT Input Channel

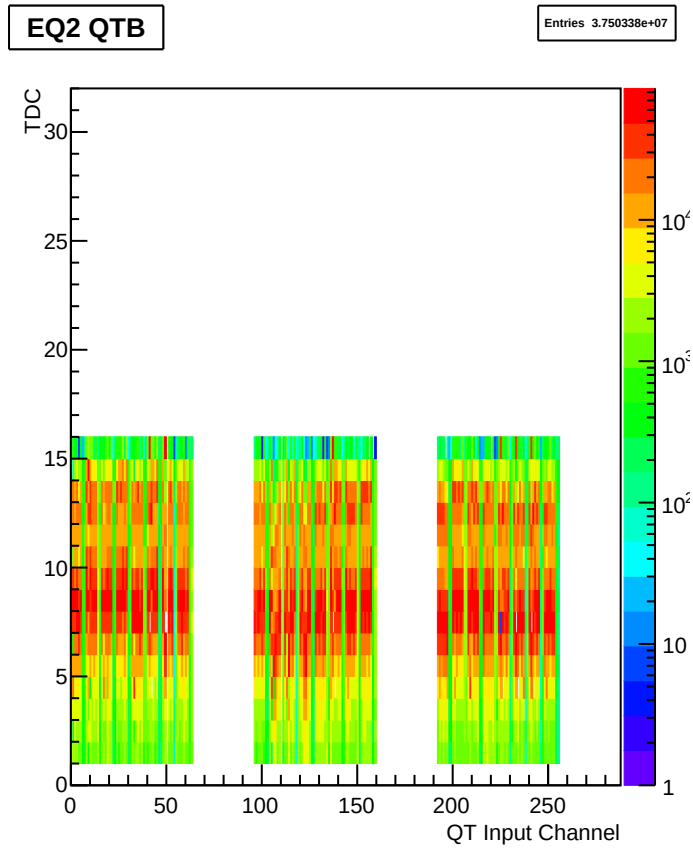

EQ1 QTB
Entries 1.122857e+08
ADC
QT Input Channel

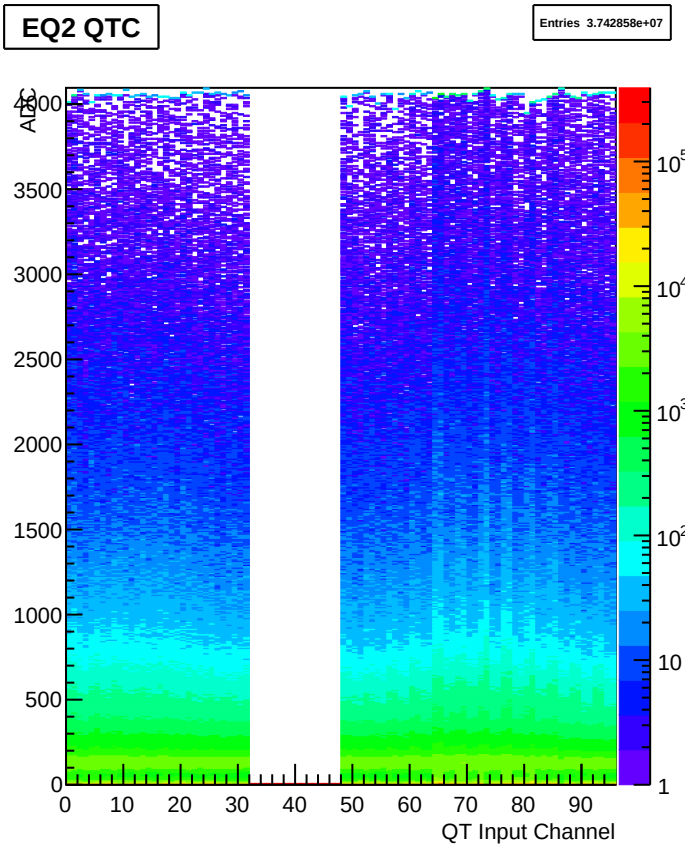

EQ1 QTB
Entries 3.7809e+07
TDC
QT Input Channel

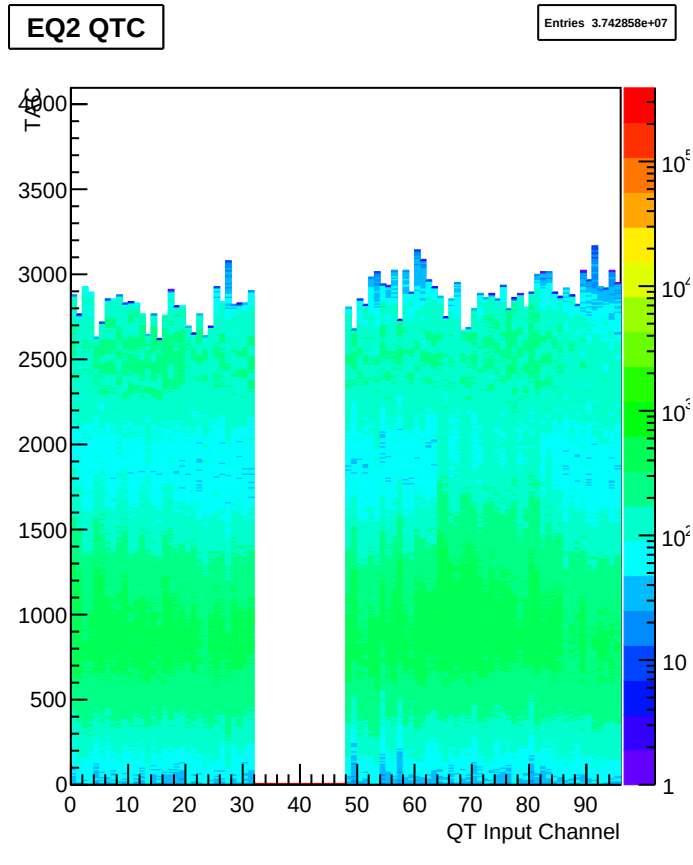

EQ1 QTC
Entries 3.742858e+07
ADC
QT Input Channel

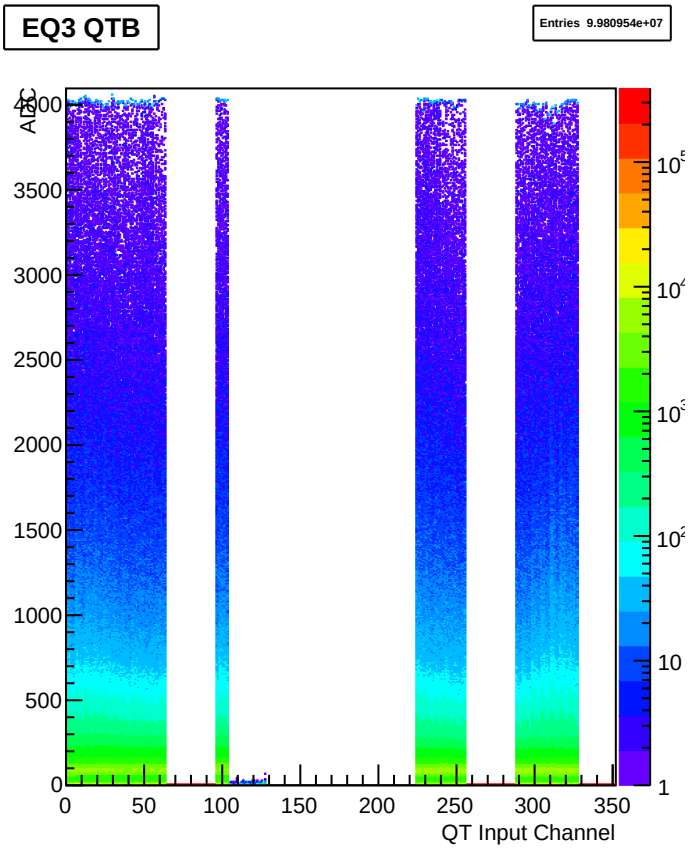

EQ1 QTC
Entries 3.742858e+07
TADC
QT Input Channel

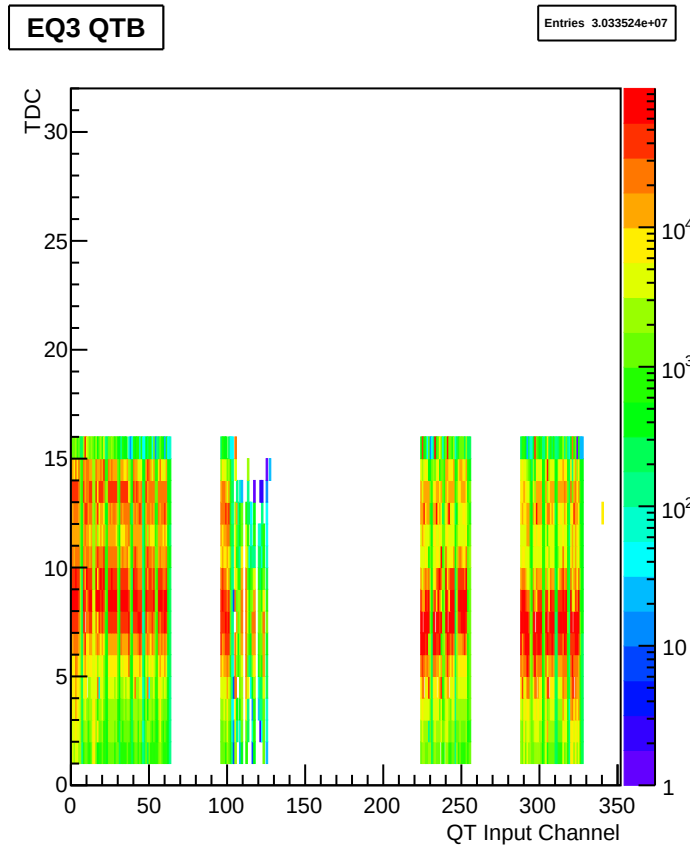

EQ2 QTB
Entries 1.122857e+08
ADC
QT Input Channel

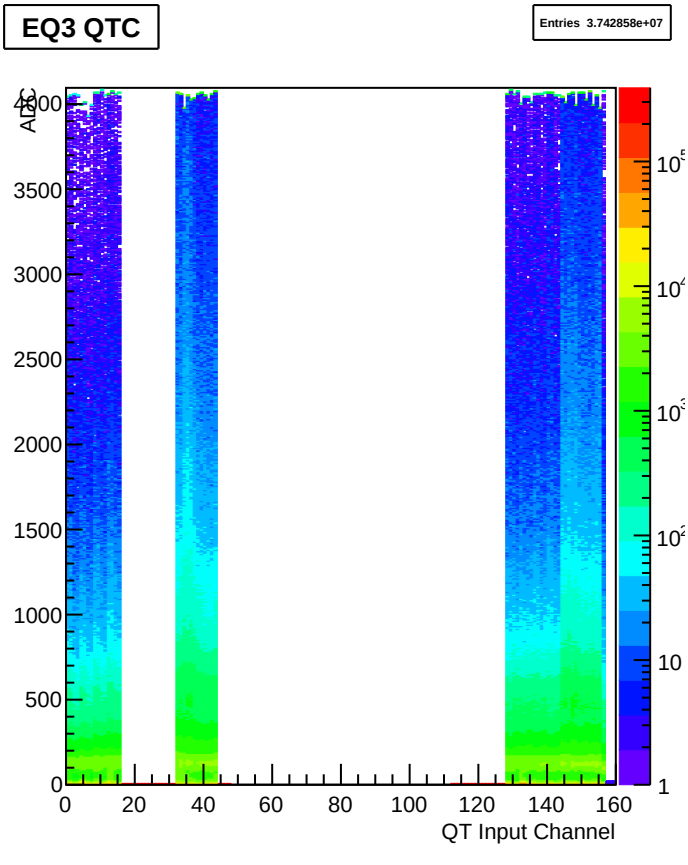

EQ2 QTB
Entries 3.750338e+07
TDC
QT Input Channel

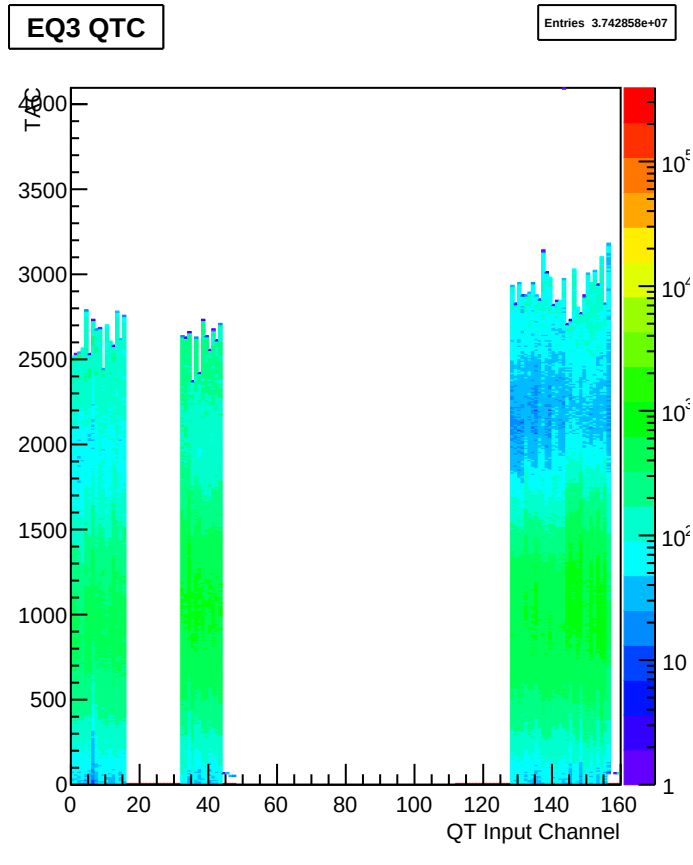

EQ2 QTC
Entries 3.742858e+07
ADC
QT Input Channel

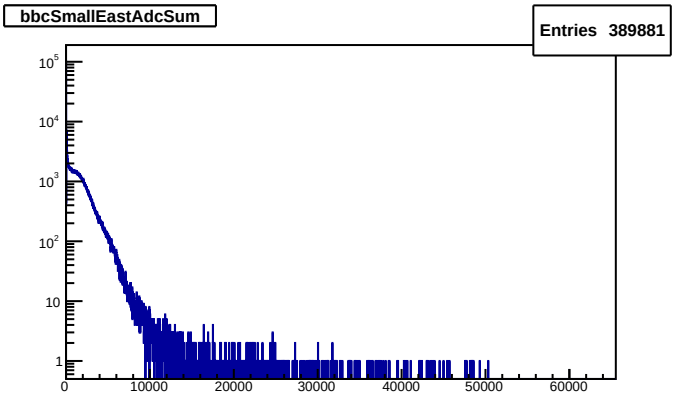

EQ2 QTC
Entries 3.742858e+07
TADC
QT Input Channel

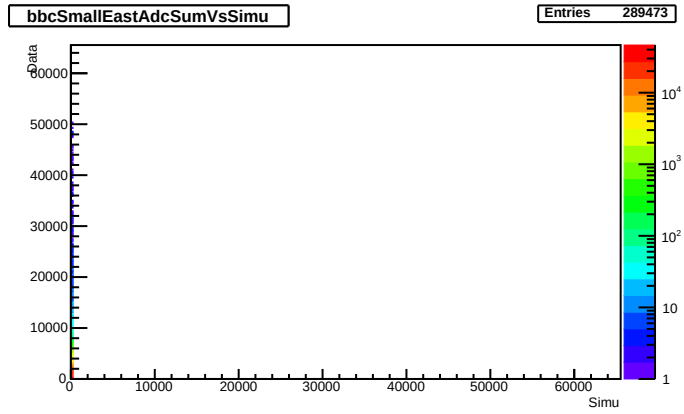

EQ3 QTB
Entries 9.980954e+07
ADC
QT Input Channel

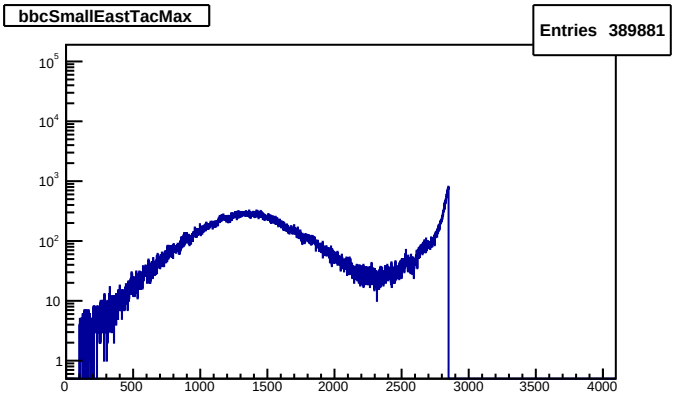

EQ3 QTB
Entries 3.033524e+07
TDC
QT Input Channel

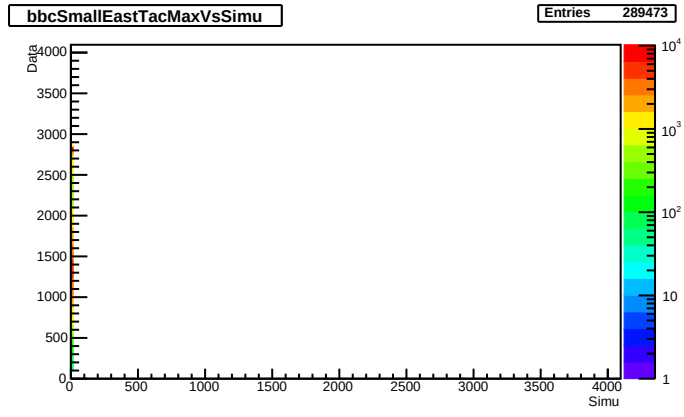

EQ3 QTC
Entries 3.742858e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.742858e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 389881


bbcSmallEastAdcSumVsSimu
Entries 289473
Data
Simu


bbcSmallEastTacMax
Entries 389881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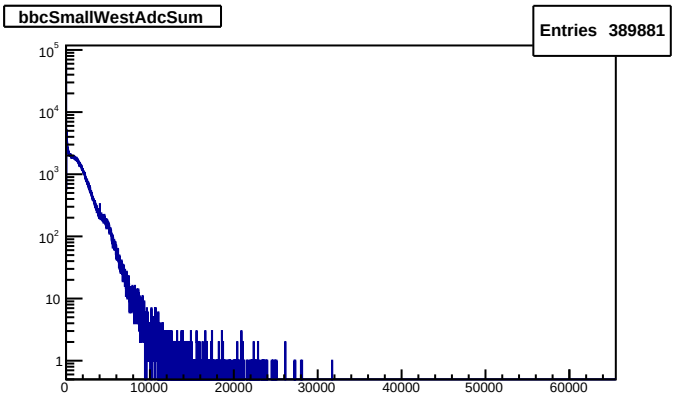
Entries 289473
Data
Simu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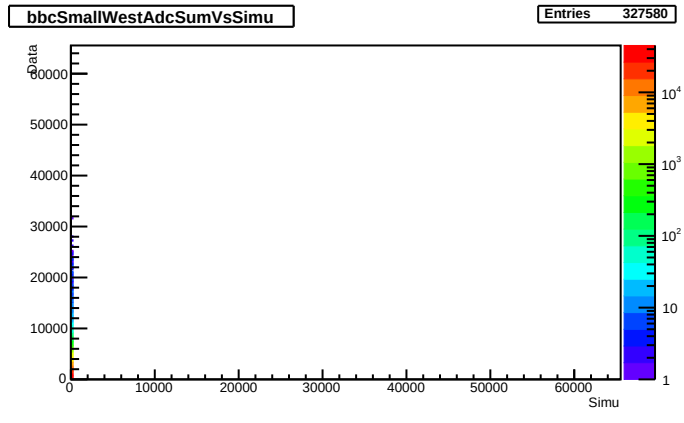
Entries 389881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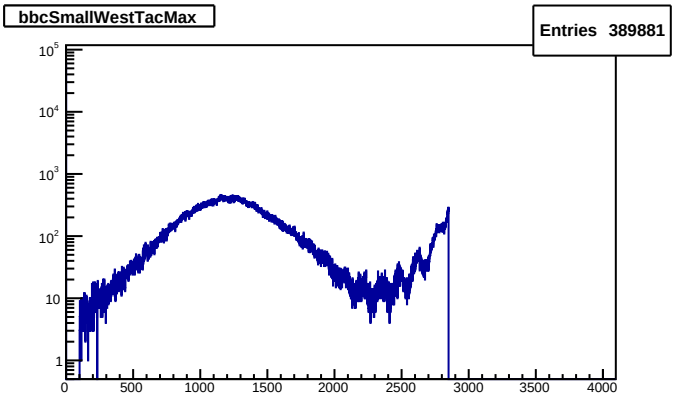
Entries 327580
Data
Simu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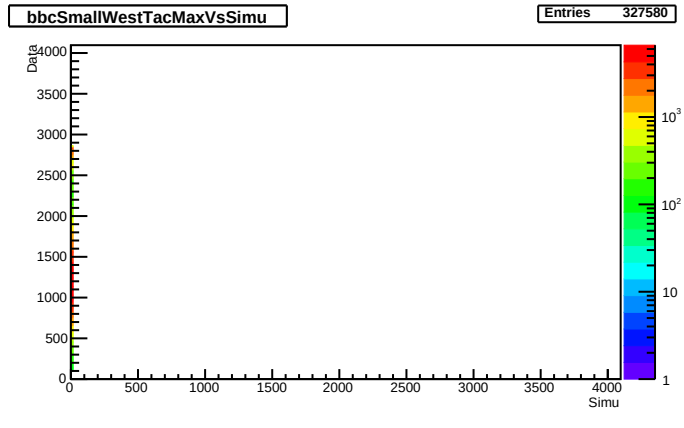
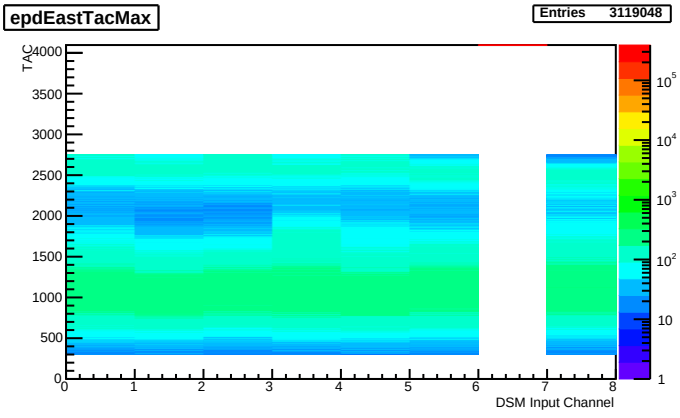
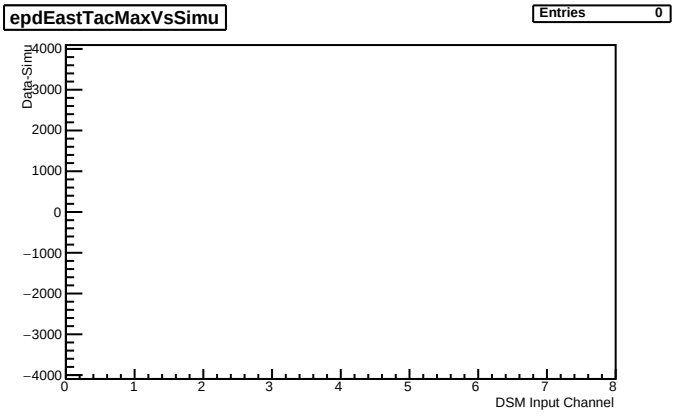
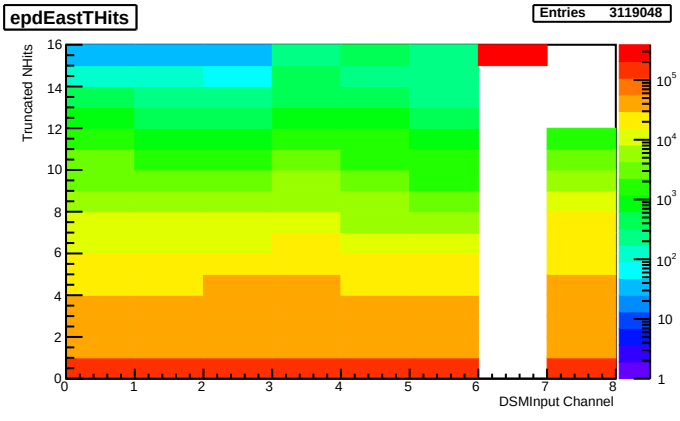
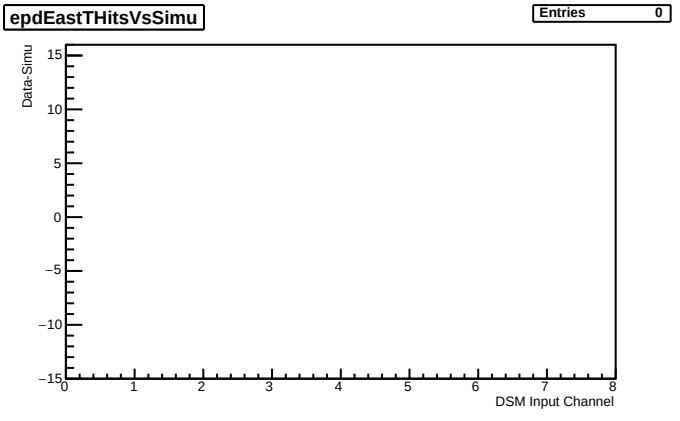
Entries 389881


bbcSmallWestTacMaxVsSimu
Entries 327580
Data
Simu


epdEastTacMax
Entries 3119048
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3119048
Truncated NHits
DSMInput Channel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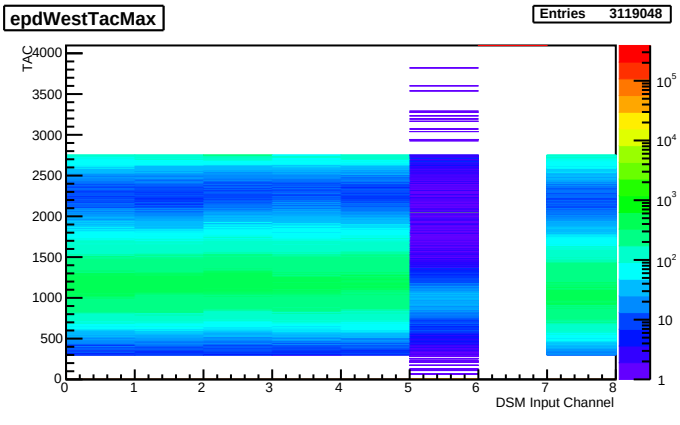
Data-Simu
DSM Input Channel


epdWestTacMax
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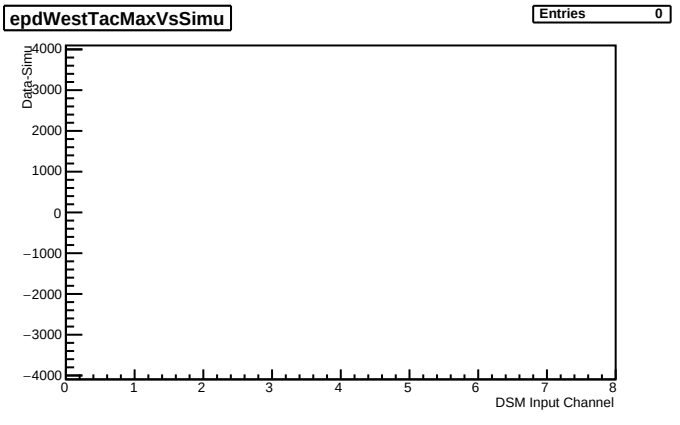
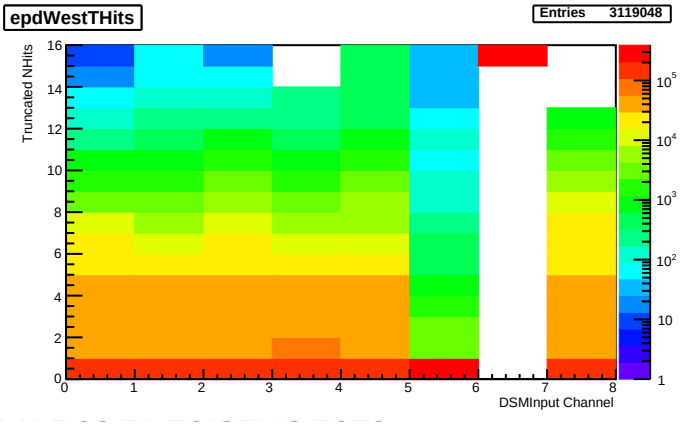
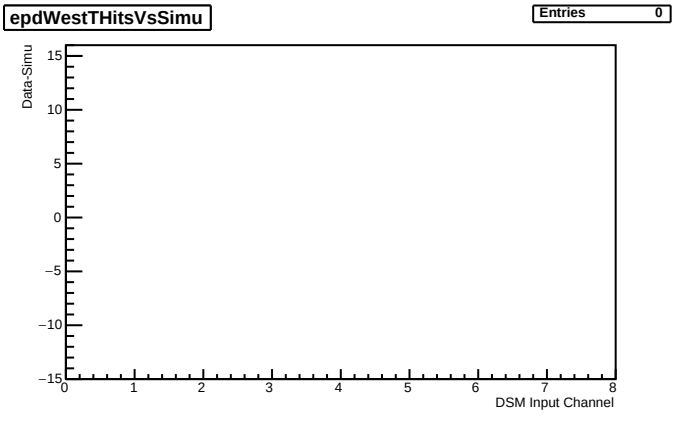
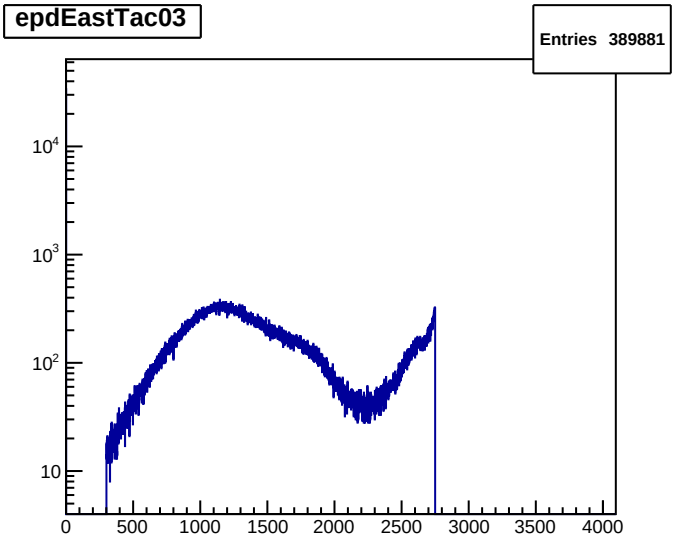
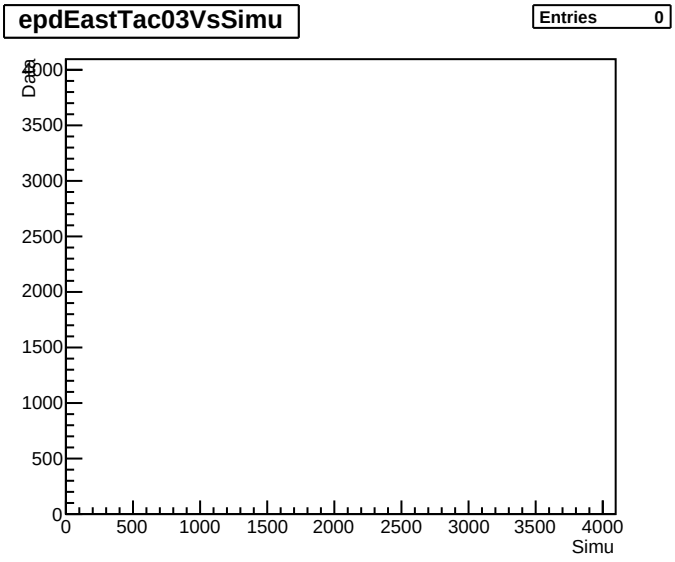
TAC
DSM Input Channel

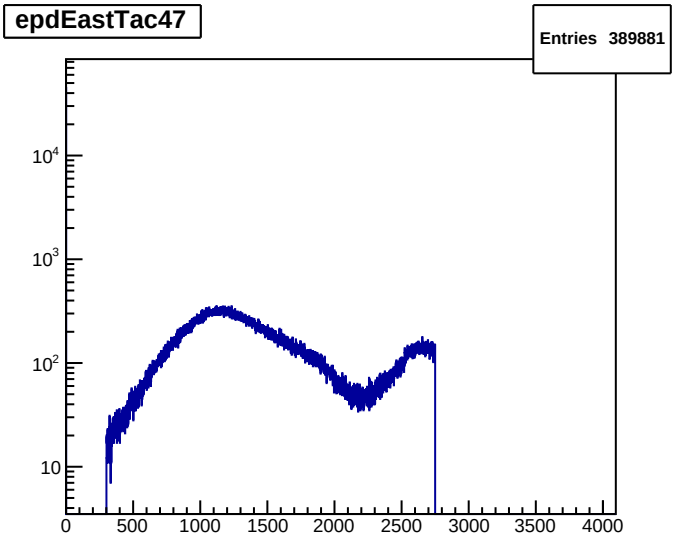

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

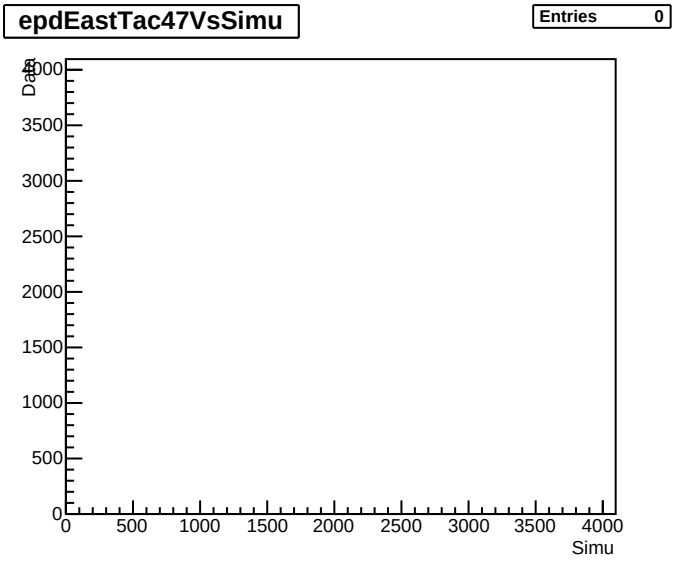

epdWestTHits
Entries 3119048
Truncated NHits
DSMInput Channel

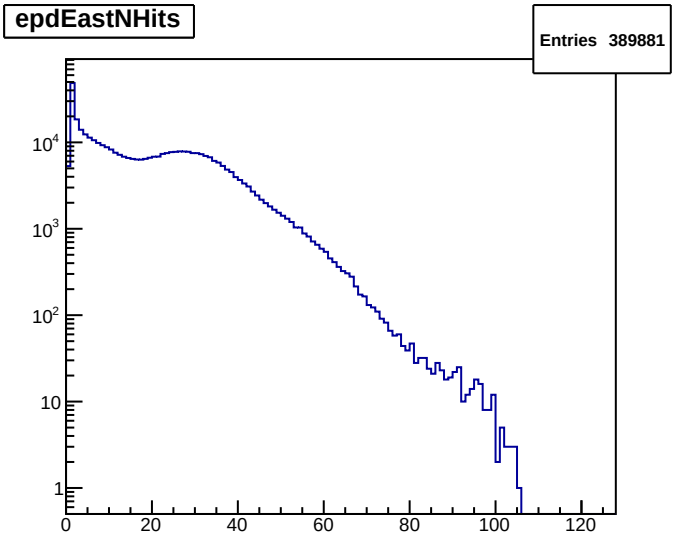

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

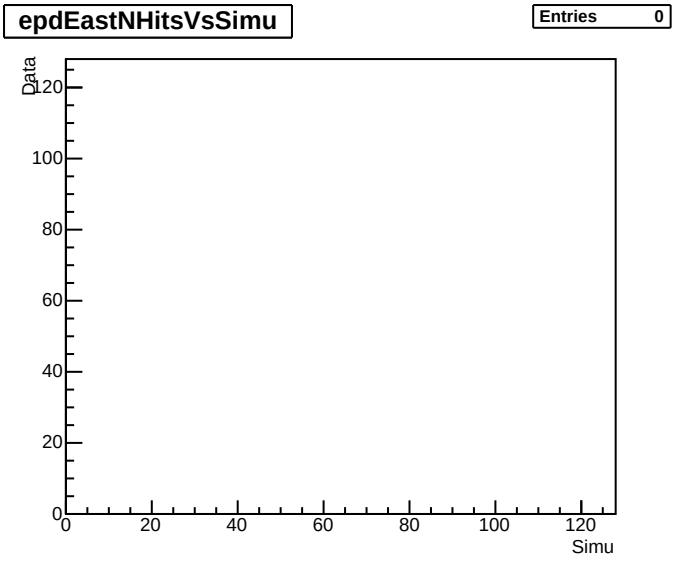

epdEastTac03
Entries 389881
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastTac47
Entries 389881
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 389881
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120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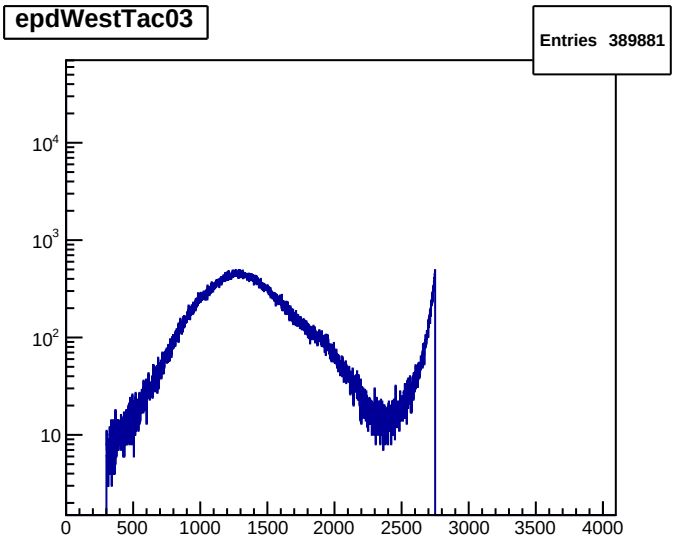
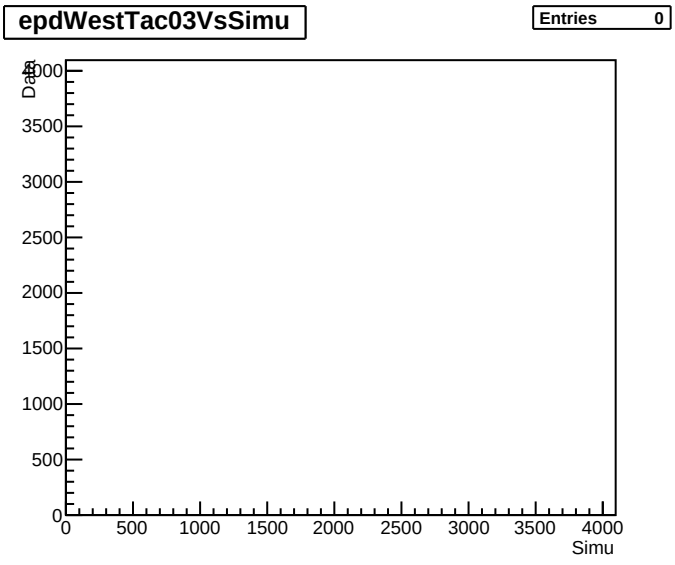
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 389881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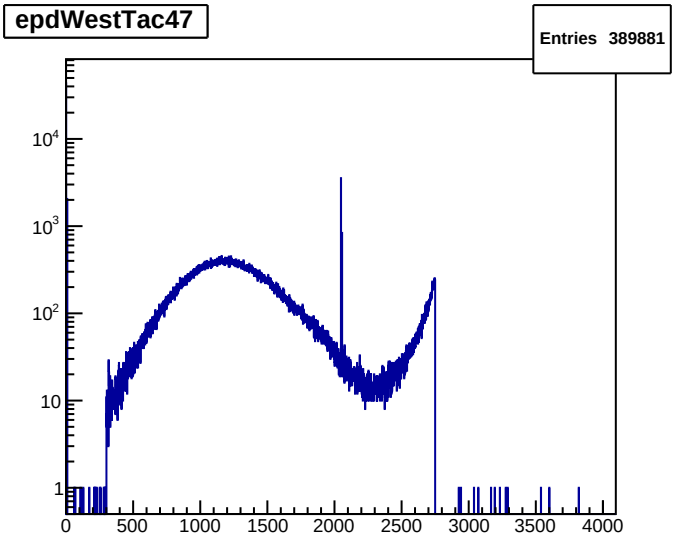
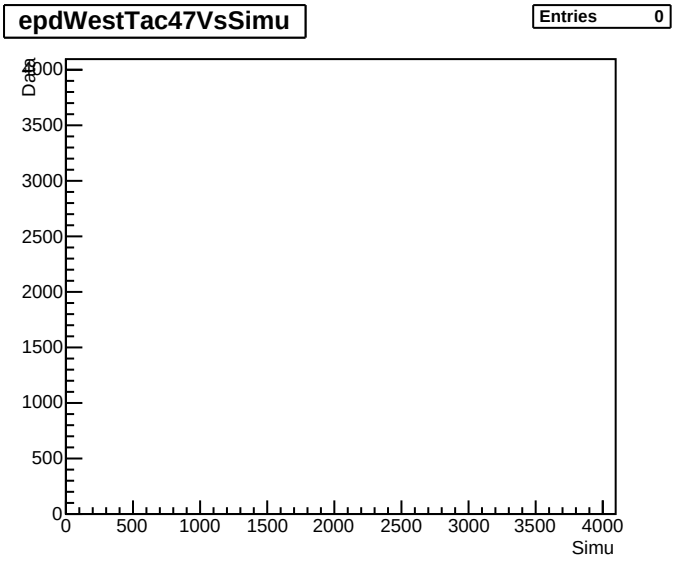
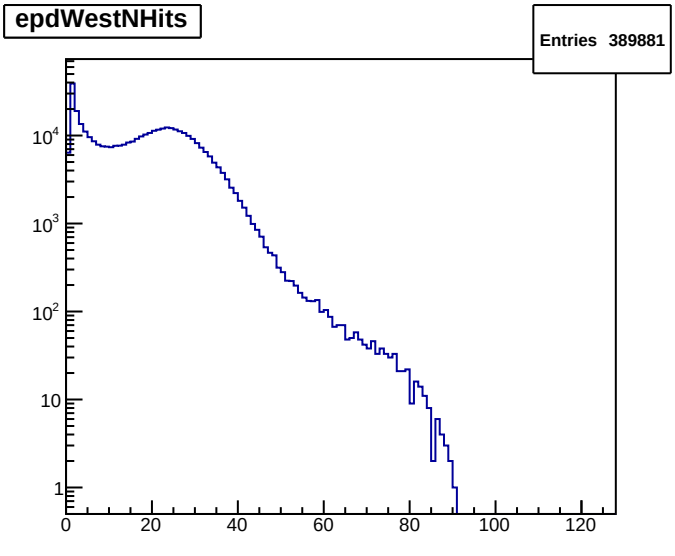
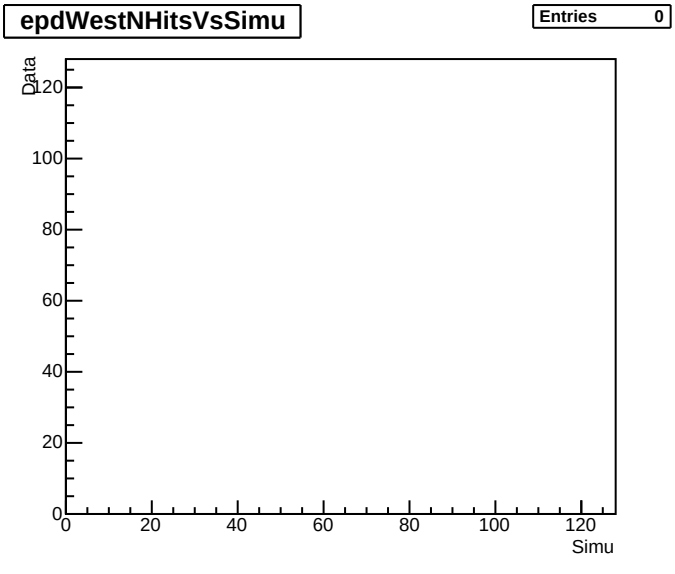
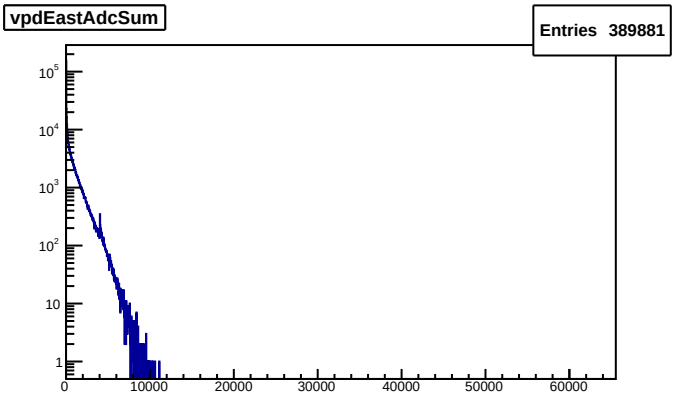
Entries 0
Data
Simu

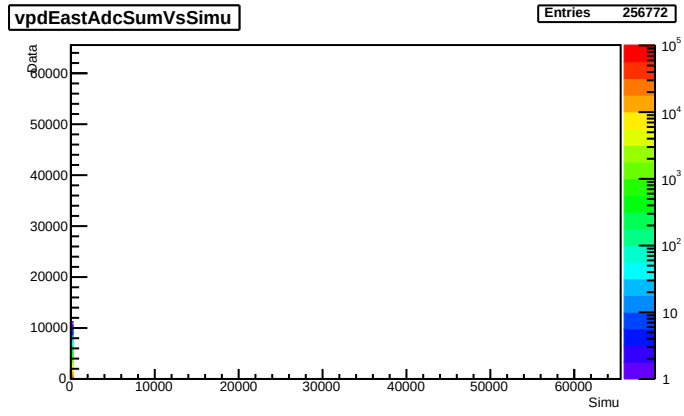

epdWestTac47
Entries 389881

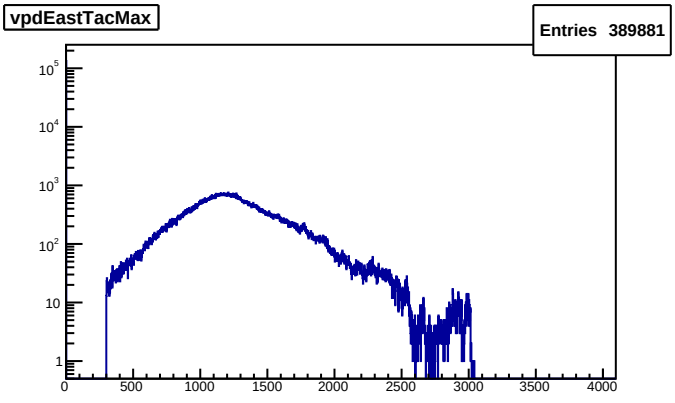

epdWestTac47VsSimu
Entries 0
Data
Simu

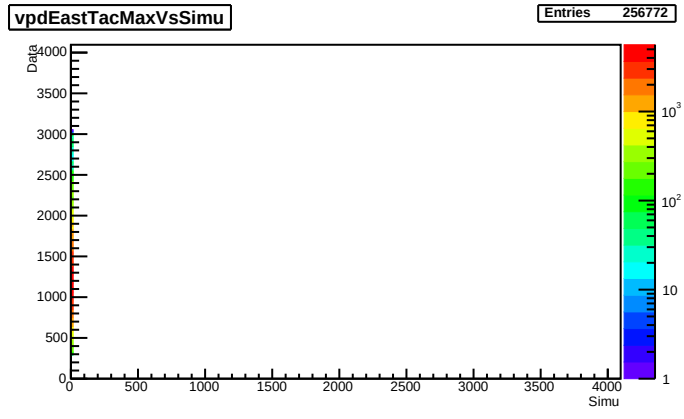

epdWestNHits
Entries 389881

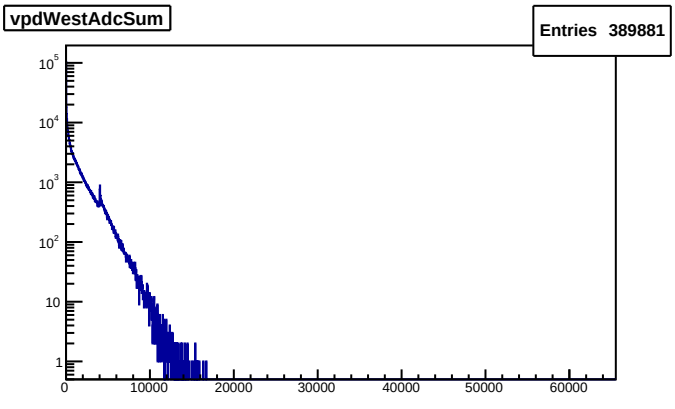

epdWestNHitsVsSimu
Entries 0
Data
Simu

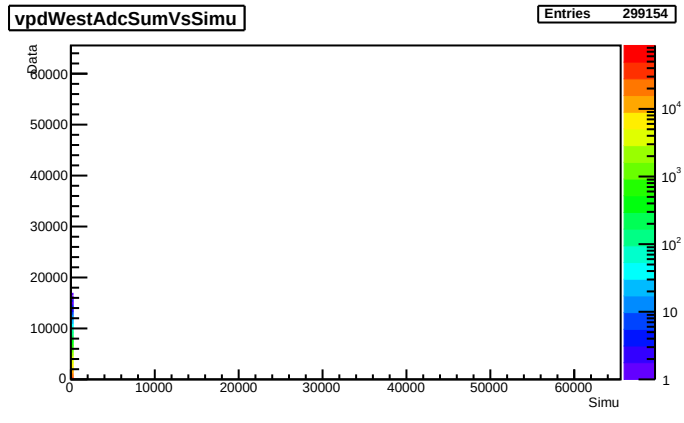

vpdEastAdcSum
Entries 389881

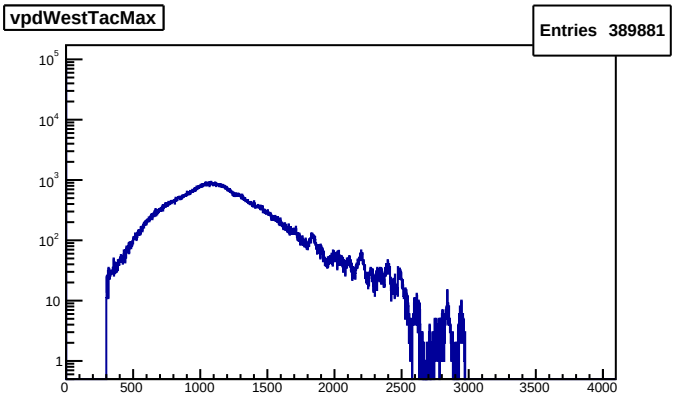

vpdEastAdcSumVsSimu
Entries 256772
Data
Simu

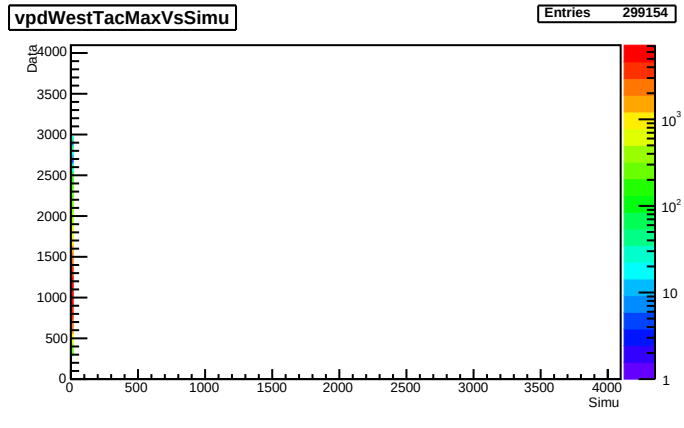

vpdEastTacMax
Entries 389881

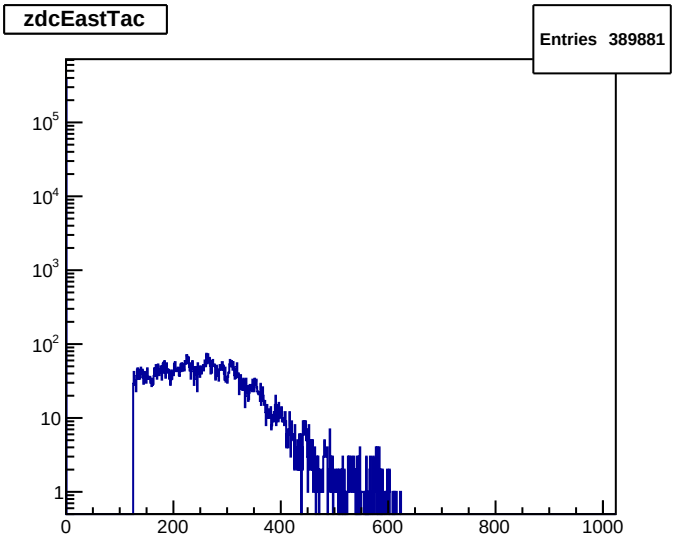

vpdEastTacMaxVsSimu
Entries 256772
Data
Simu

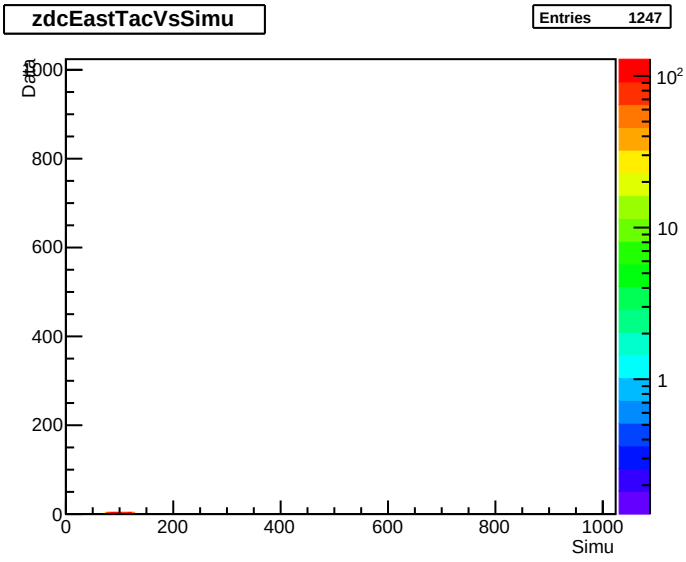

vpdWestAdcSum
Entries 389881

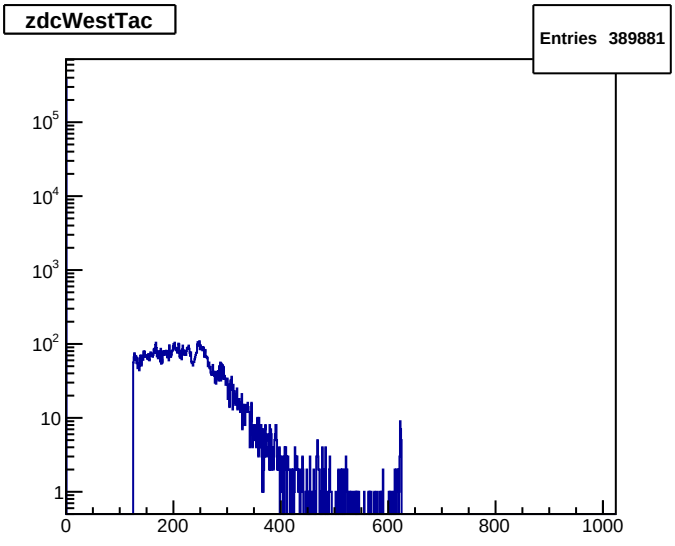

vpdWestAdcSumVsSimu
Entries 299154
Data
Simu

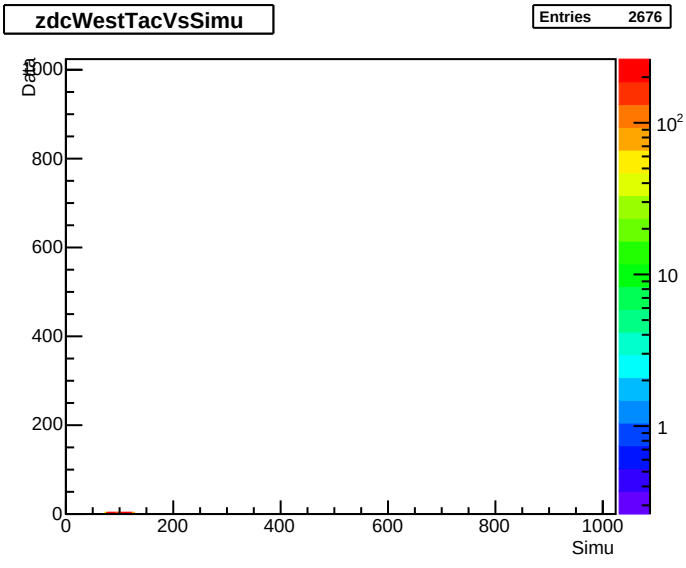

vpdWestTacMax
Entries 389881

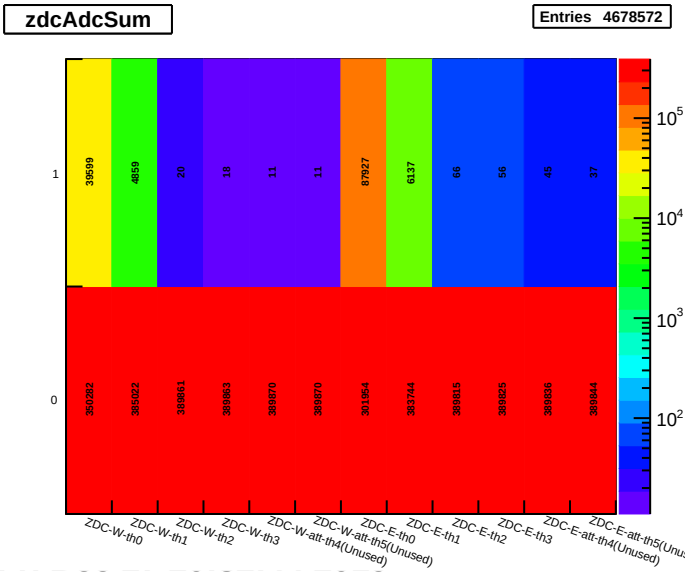

vpdWestTacMaxVsSimu
Entries 299154
Data
Simu

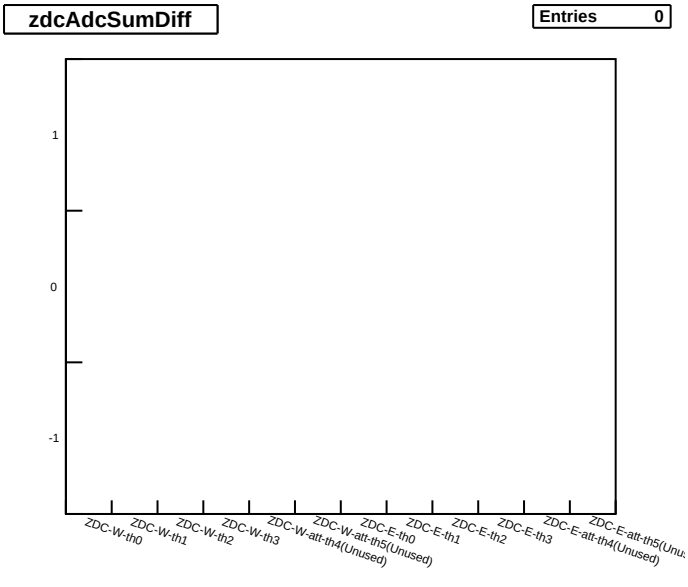

zdcEastTac
Entries 389881

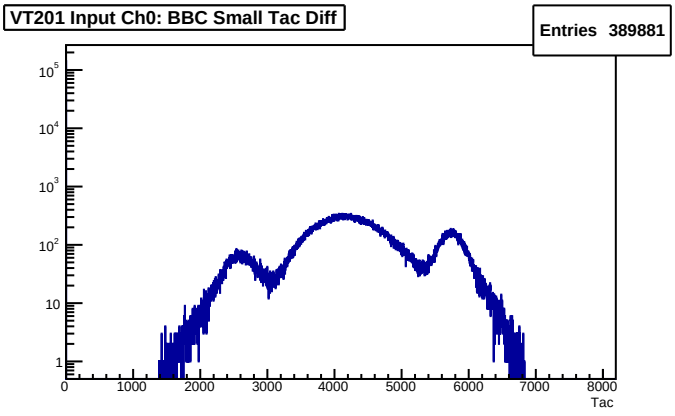

zdcEastTacVsSimu
Entries 1247
Data
Simu

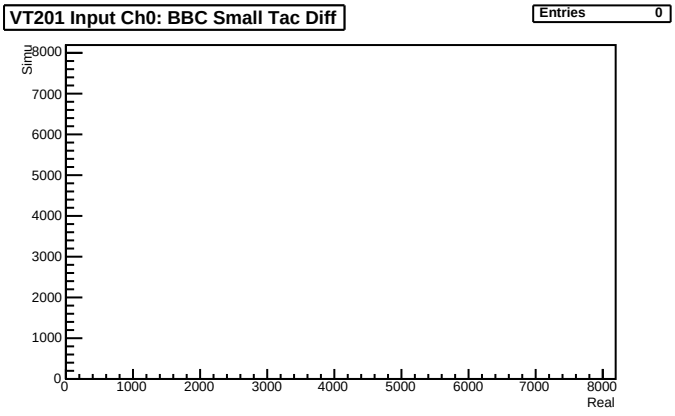

zdcWestTac
Entries 389881

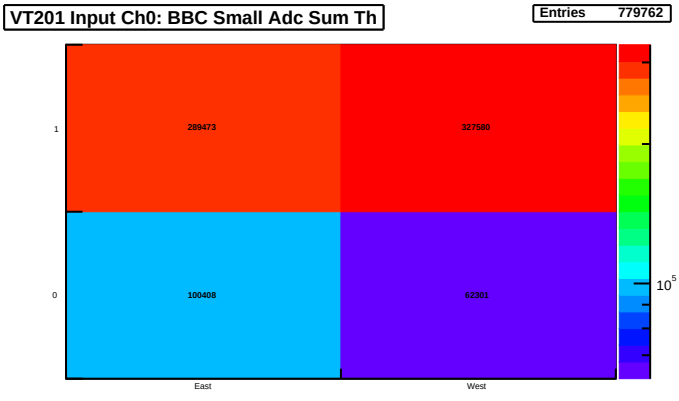

zdcWestTacVsSimu
Entries 2676
Data
Simu

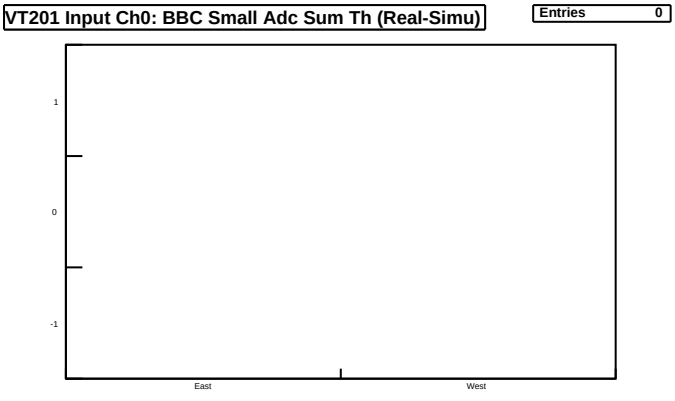

zdcAdcSum
Entries 4678572
39599
4859
20
18
11
11
87927
6137
66
56
45
37
350282
385022
389861
389863
389870
389870
301954
383744
389815
389825
389836
389844
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

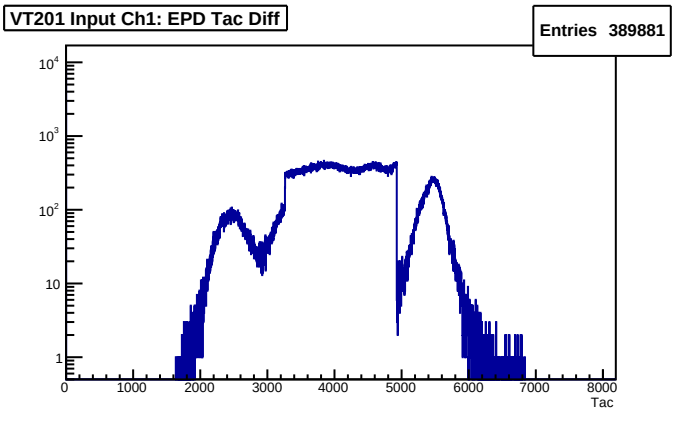

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

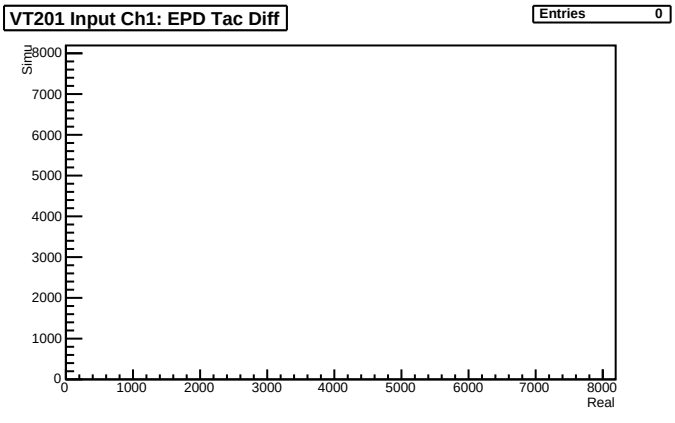

VT201 Input Ch0: BBC Small Tac Diff
Entries 389881
Tac

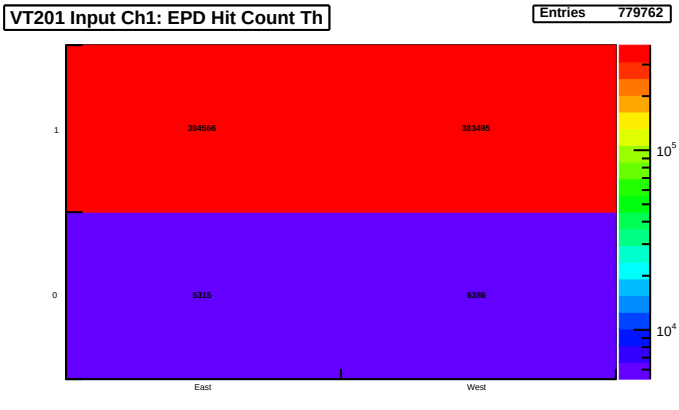

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

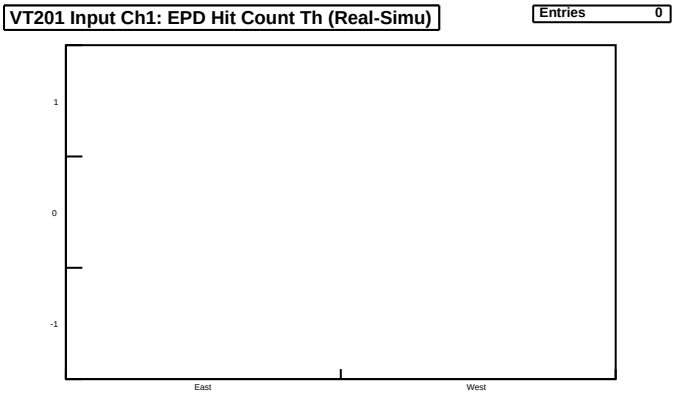

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 779762
289473
327580
100408
62301
East
West

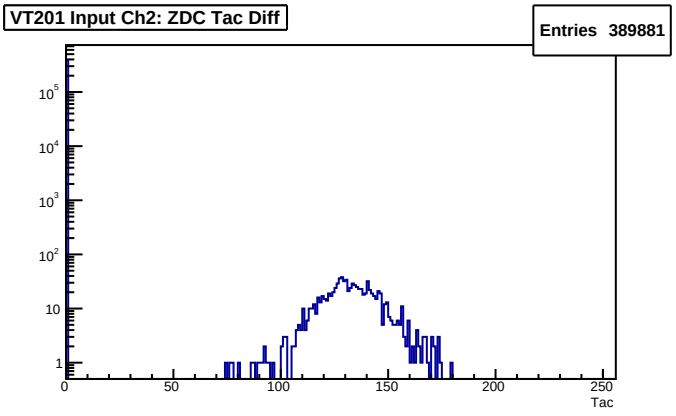

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

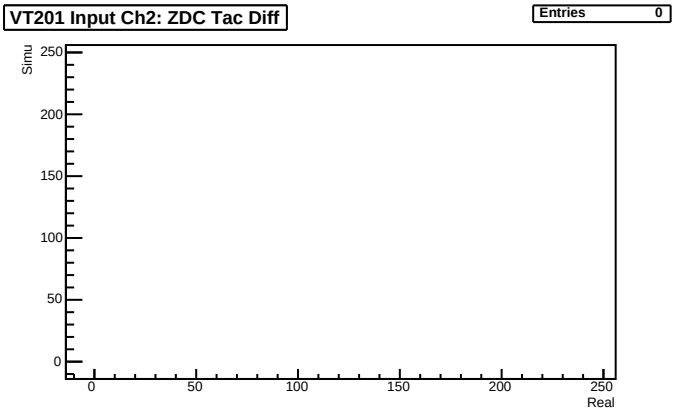

VT201 Input Ch1: EPD Tac Diff
Entries 389881
Tac

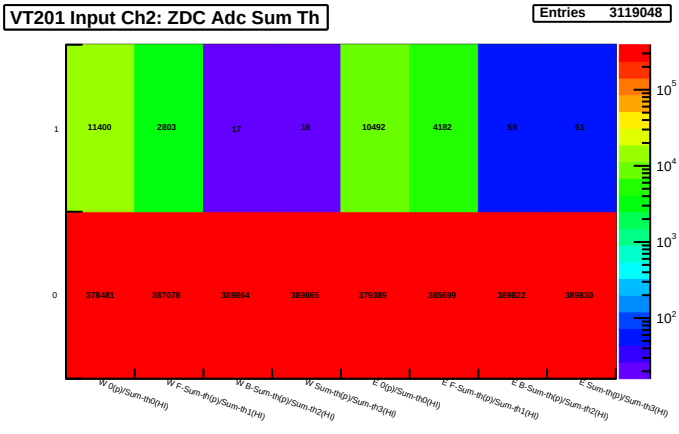

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

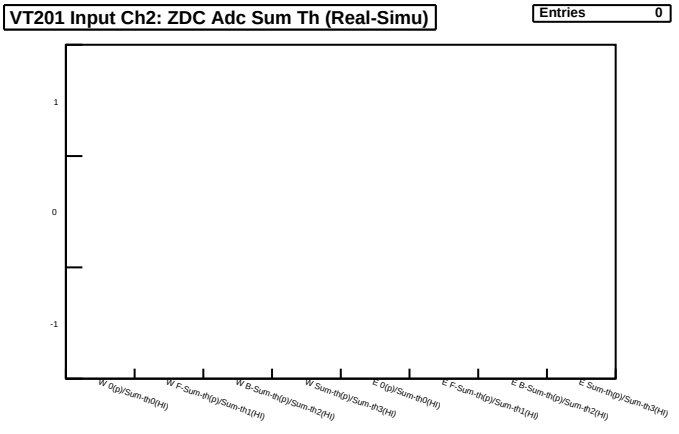

VT201 Input Ch1: EPD Hit Count Th
Entries 779762
384566
383495
5315
6386
East
West

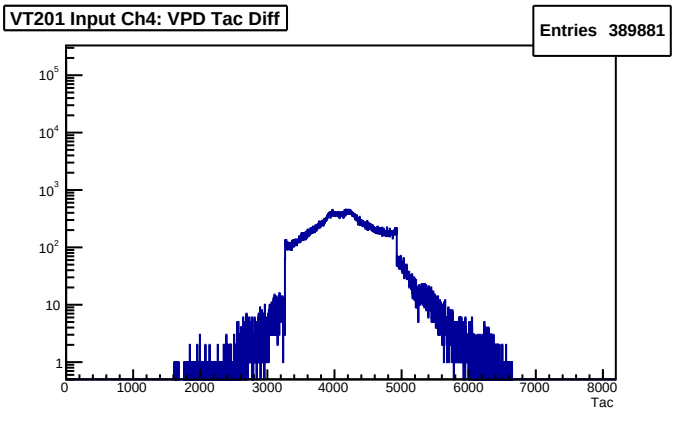

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

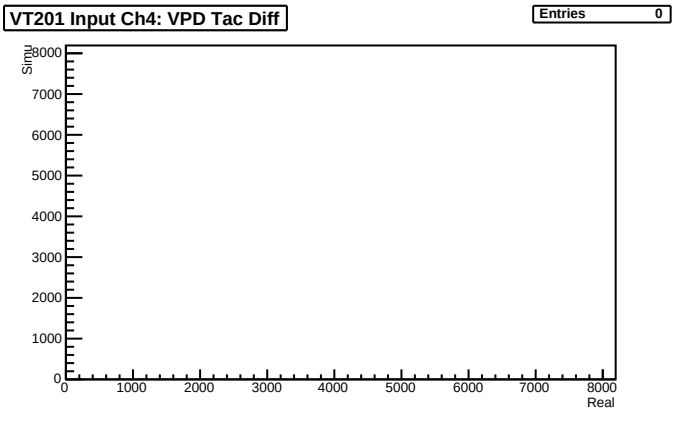

VT201 Input Ch2: ZDC Tac Diff
Entries 389881
Tac

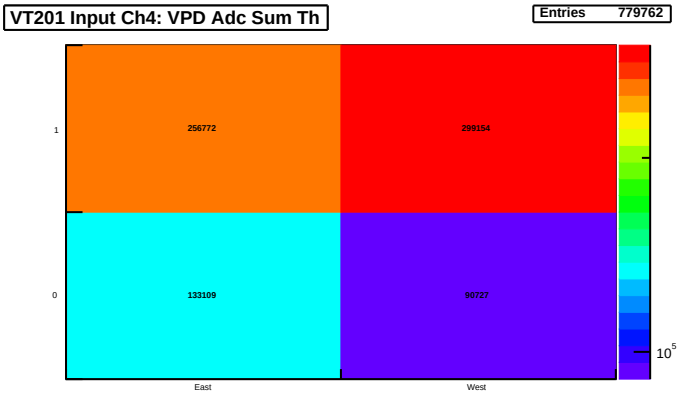

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

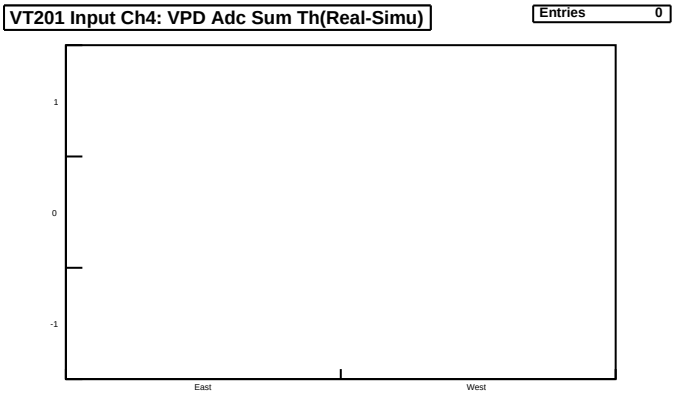

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3119048
11400
2803
17
16
10492
4182
59
51
378481
387078
389864
389865
379389
385699
389822
389830
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

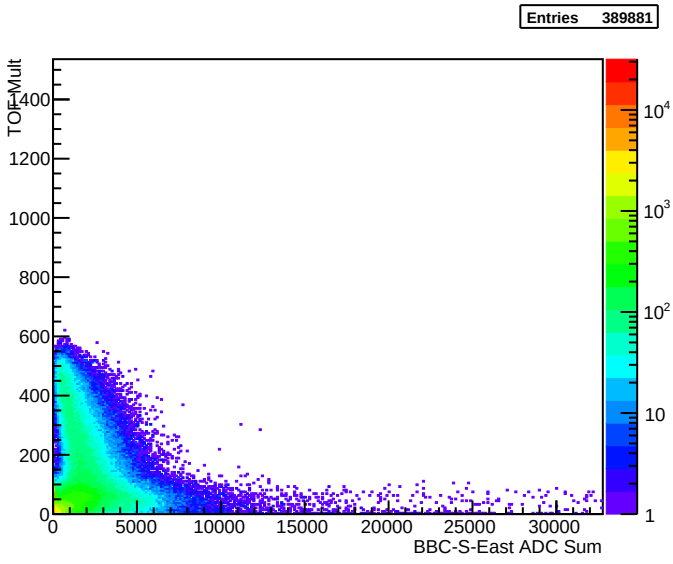

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

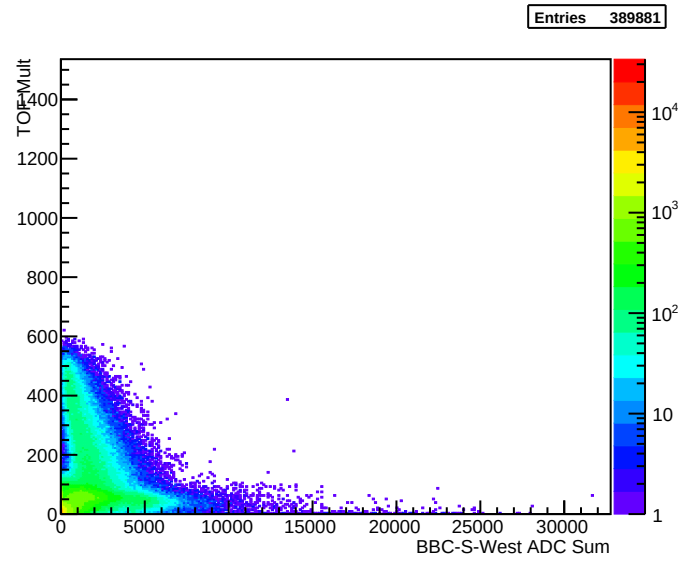

VT201 Input Ch4: VPD Tac Diff
Entries 389881
Tac

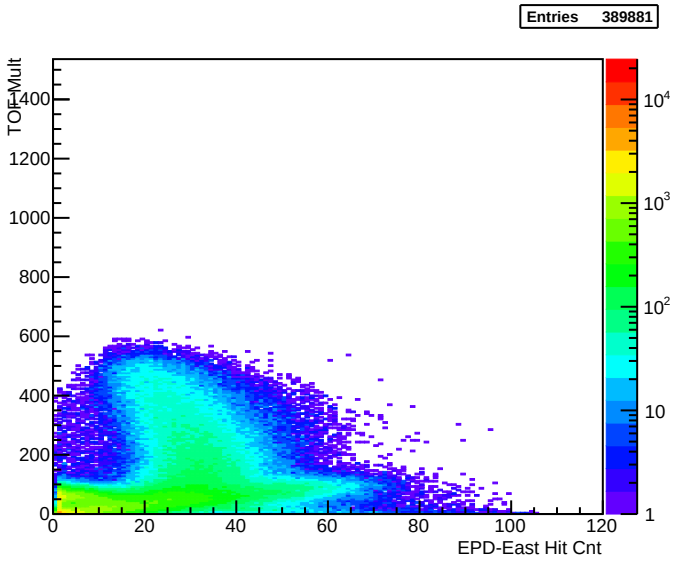

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

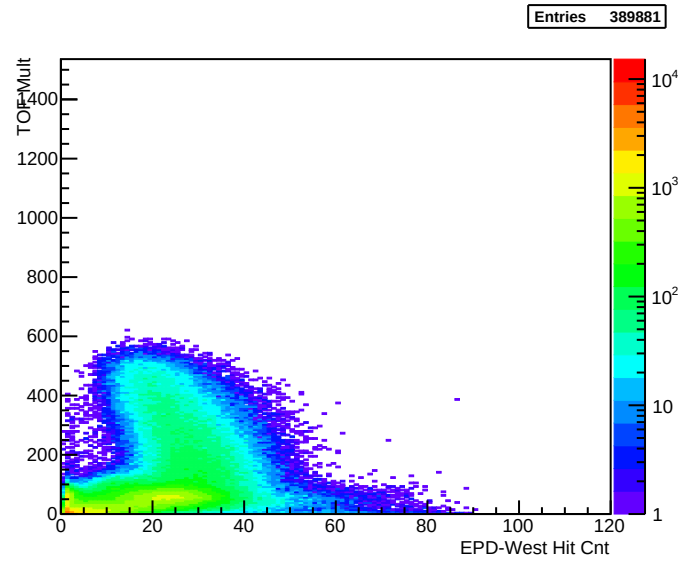

VT201 Input Ch4: VPD Adc Sum Th
Entries 779762
256772
299154
133109
90727
East
West

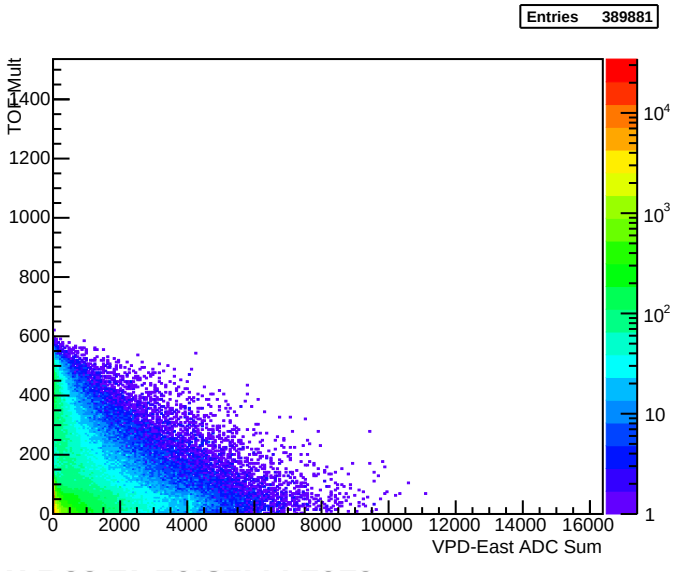

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

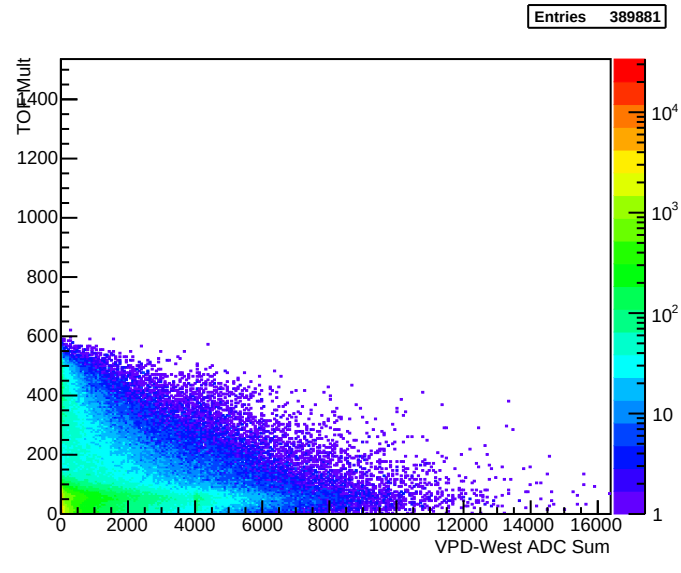

Entries 389881
TOF-Mult
BBC-S-East ADC Sum

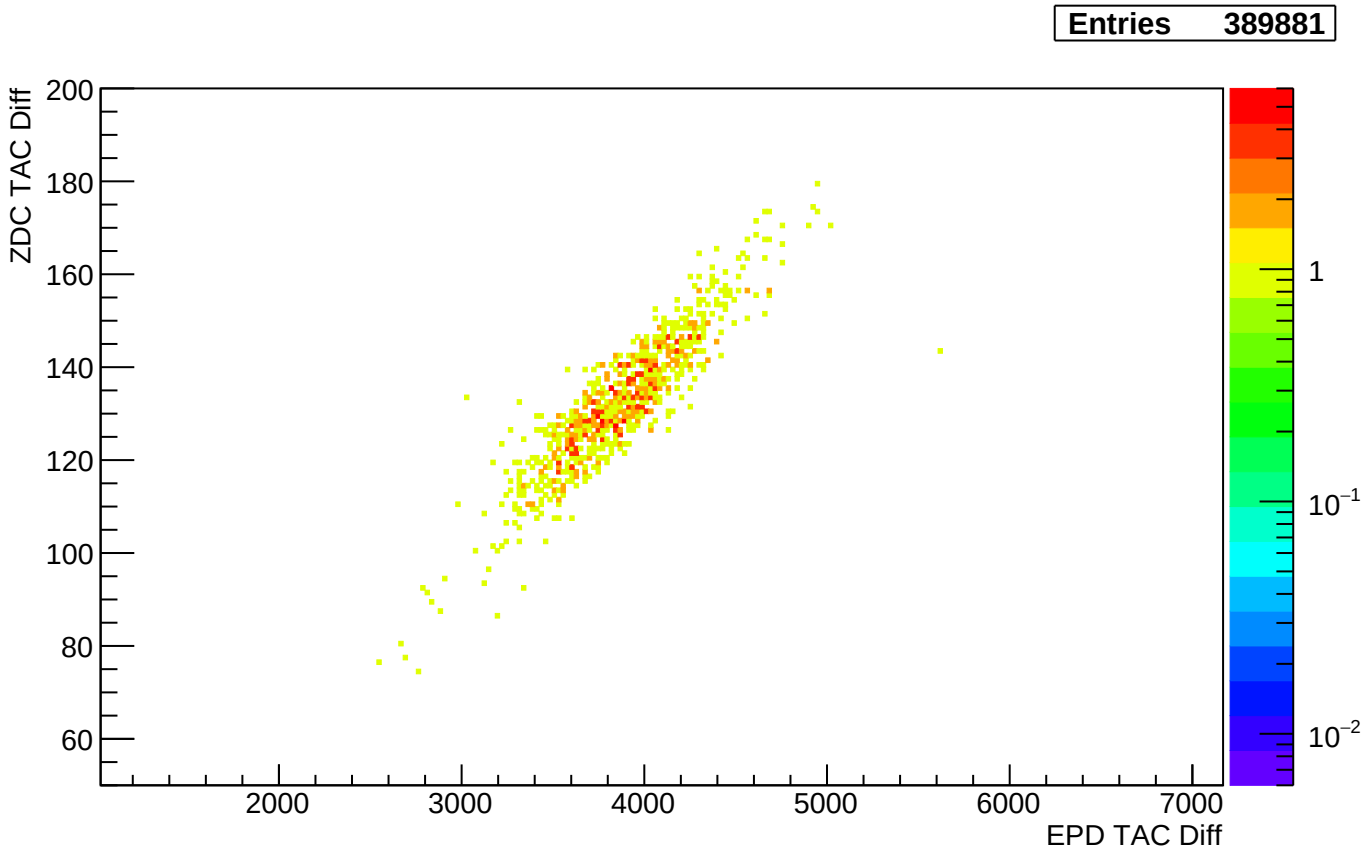

Entries 389881
TOF-Mult
BBC-S-West ADC Sum

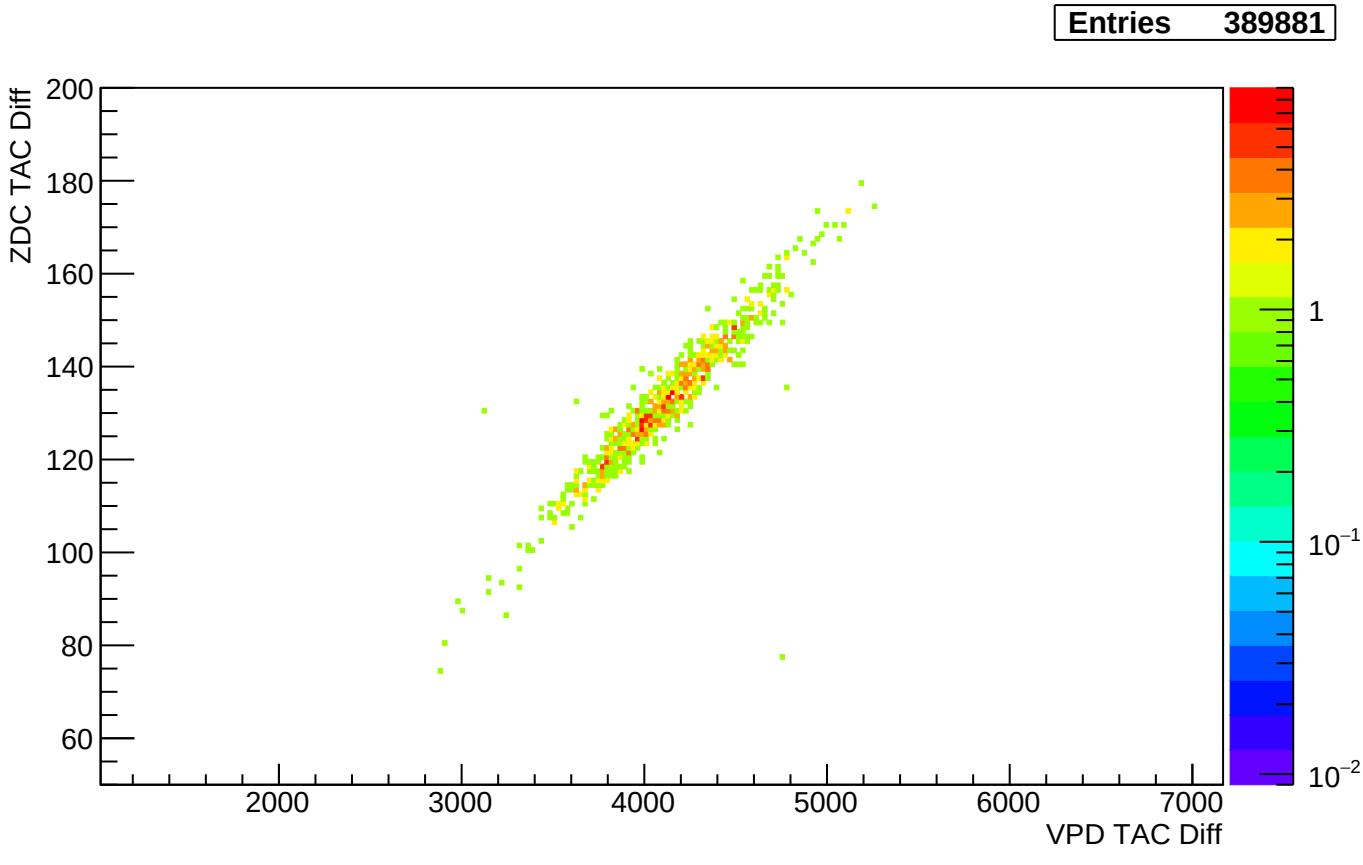

Entries 389881
TOF-Mult
EPD-East Hit Cnt

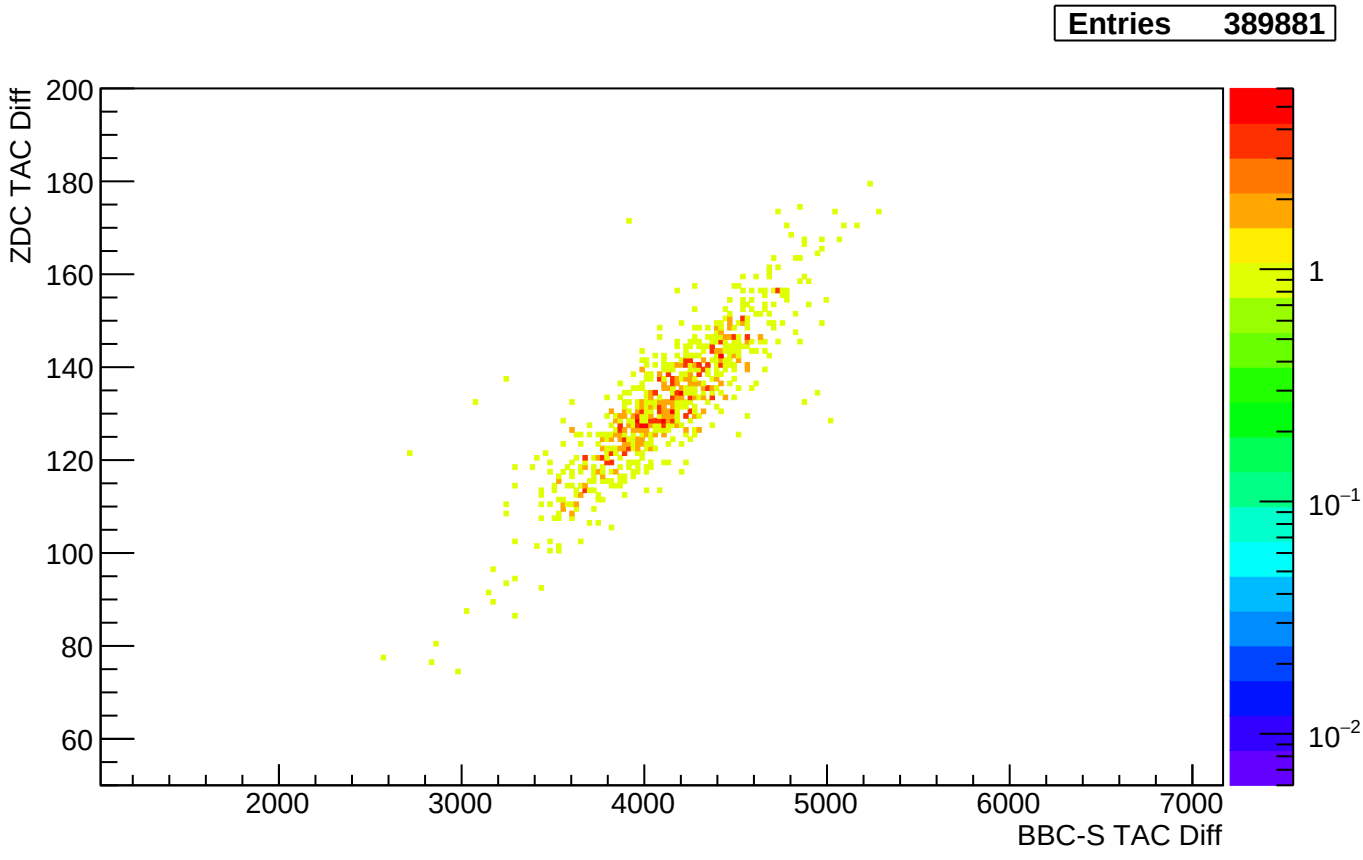

Entries 389881
TOF-Mult
EPD-West Hit Cnt

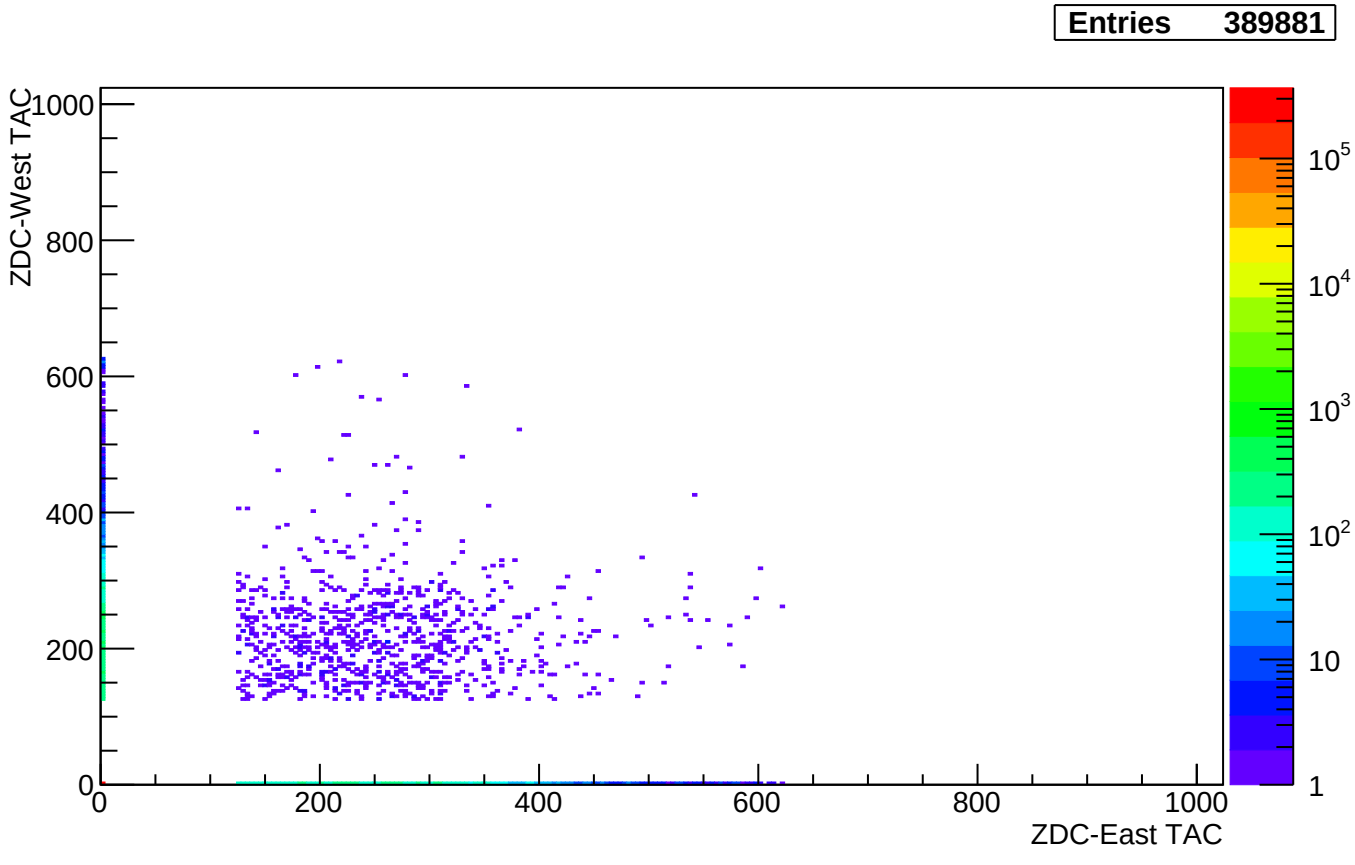

Entries 389881
TOF-Mult
VPD-East ADC Sum

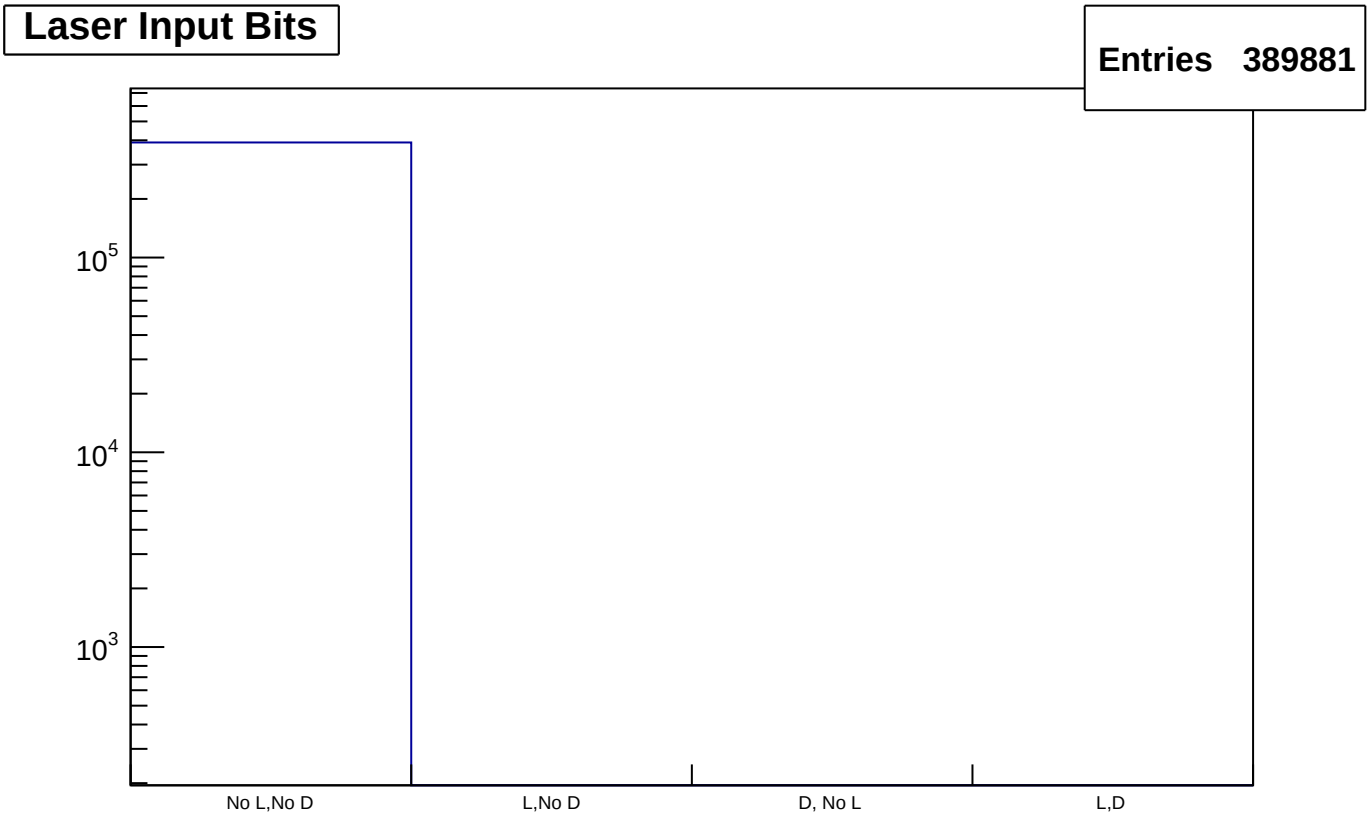

Entries 389881
TOF-Mult
VPD-West ADC Sum

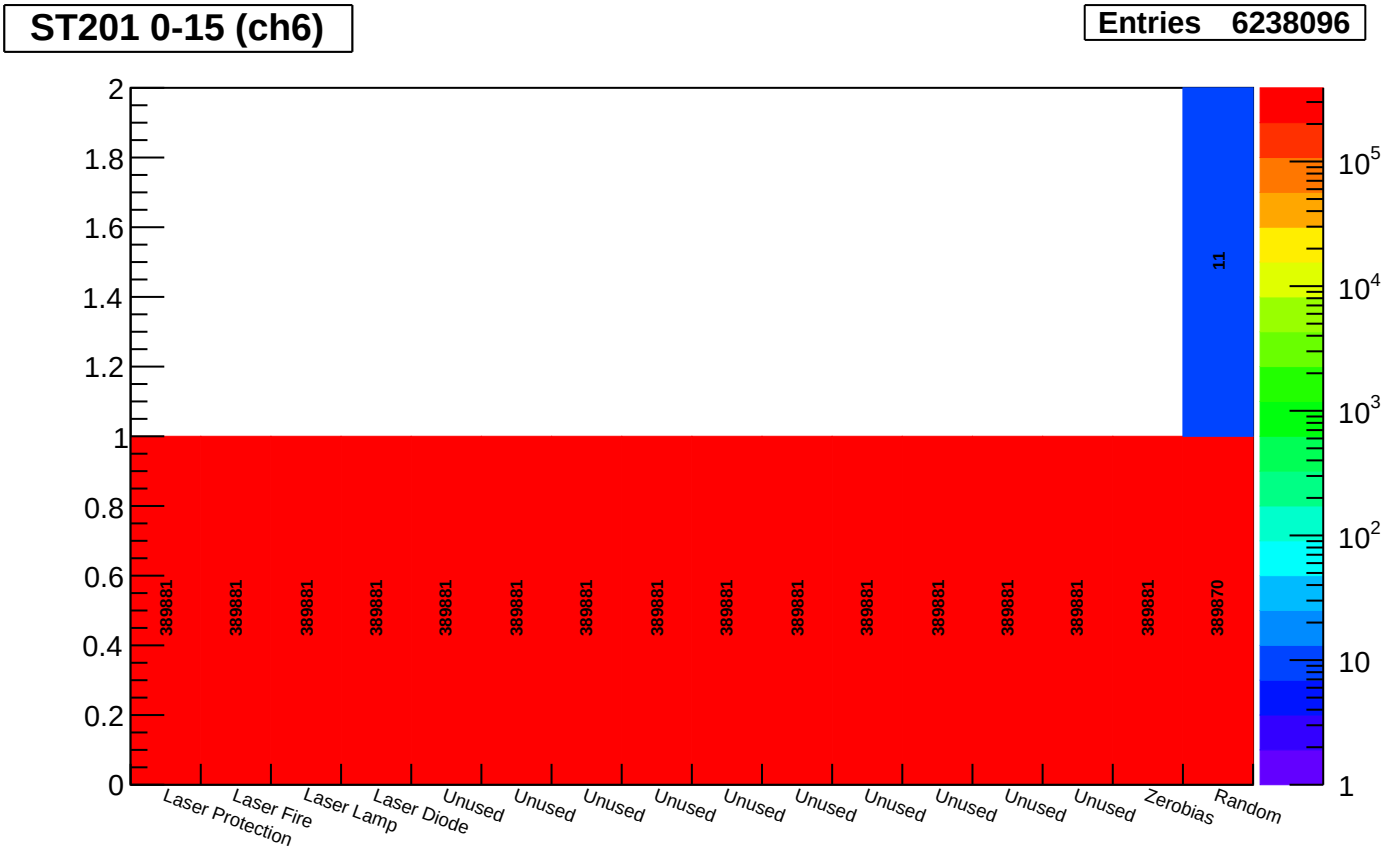

Entries 389881
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

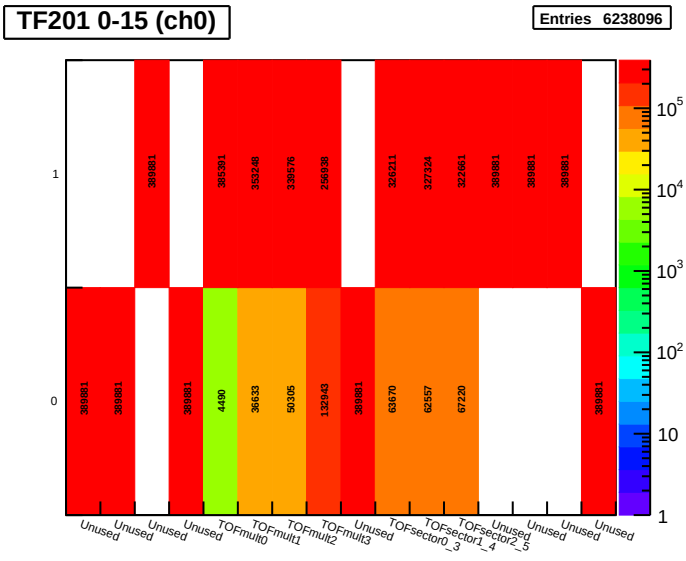

Entries 389881
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

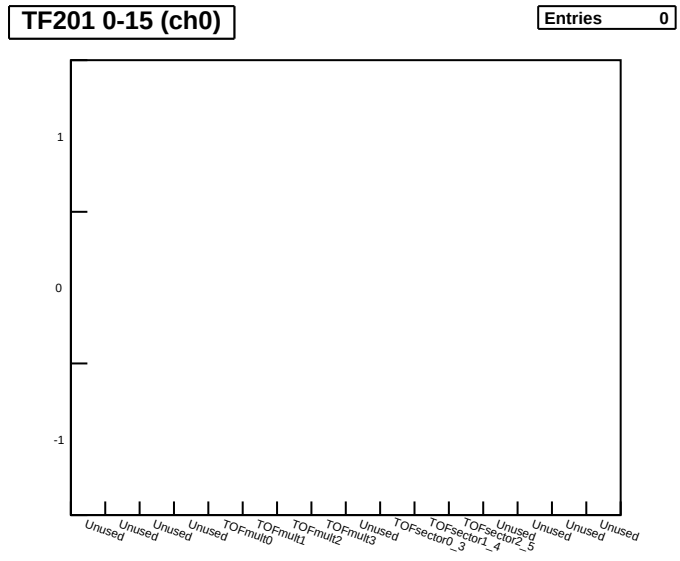

Entries 389881
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

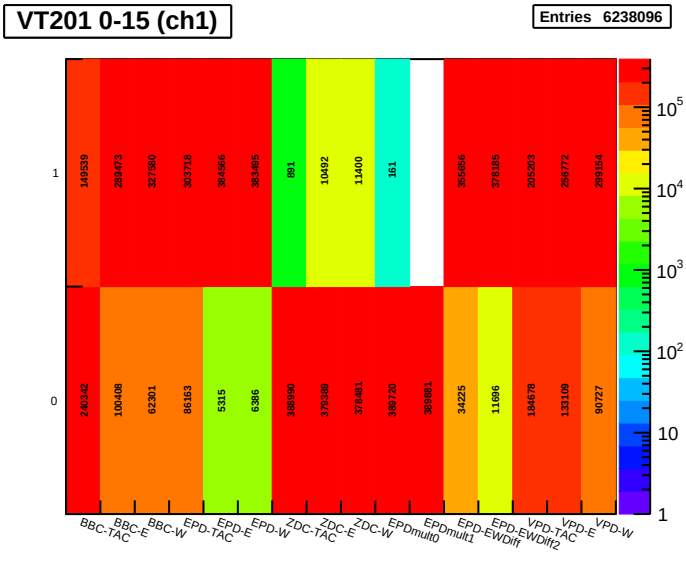

Entries 389881
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

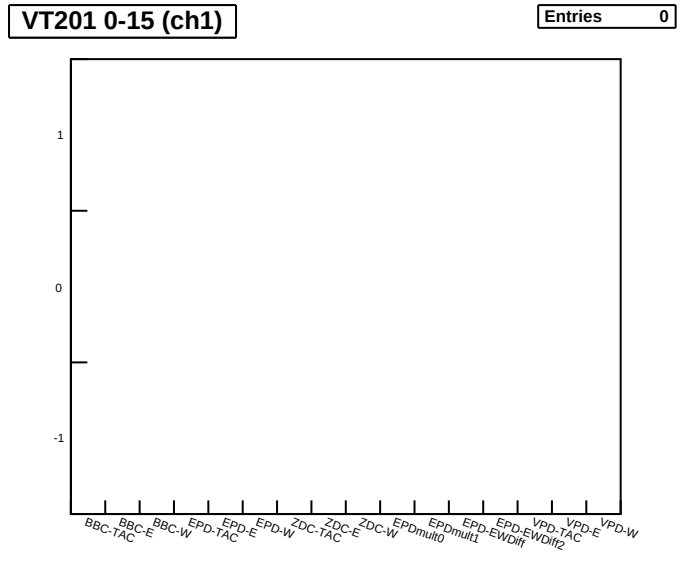

Laser Input Bits
Entries 389881
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

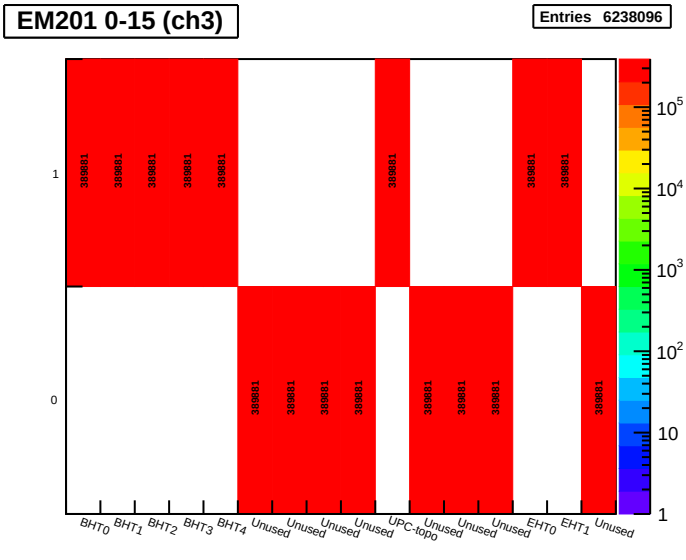

ST201 0-15 (ch6)
Entries 6238096
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
389981
389981
389981
389981
389981
389981
389981
389981
389981
389981
389981
389981
389981
389981
389981
389970
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

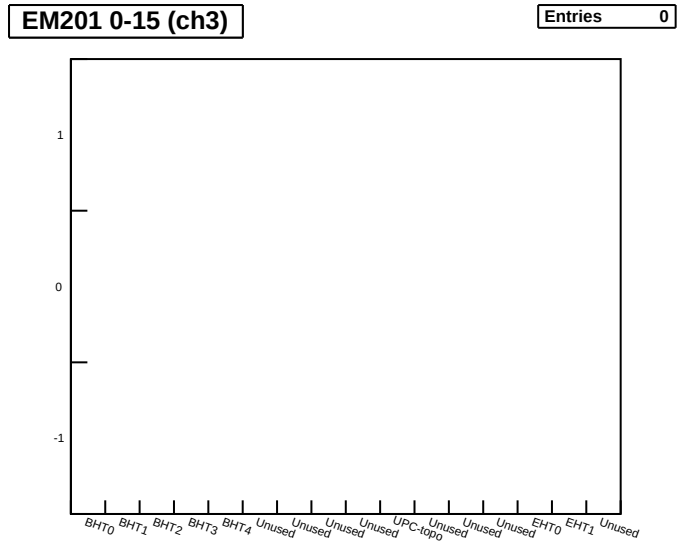

TF201 0-15 (ch0)
Entries 6238096
1
0
389881 389881 389881 4490 36633 50305 132943 389881 63670 62557 67220 389881
389881 385391 353248 339576 256938 326211 327324 322661 389881 389881 389881
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 6238096
1
0
240342 100408 62301 86163 5315 6386 388990 379389 378481 388720 389881 34225 11696 184678 133109 90727
149539 289473 327580 303718 364566 383495 891 10492 11400 161 355656 378185 205203 256772 290154
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 6238096
1
0
389881 389881 389881 389881 389881 389881 389881
389881 389881 389881 389881 389881 389881 389881 389881 389881
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