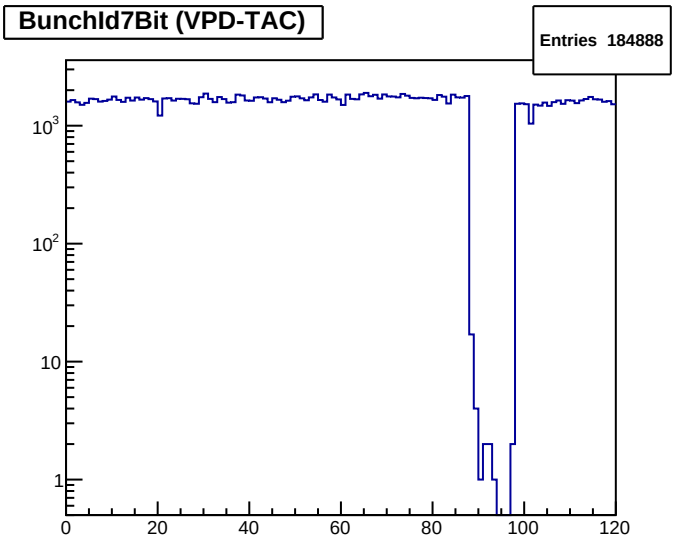
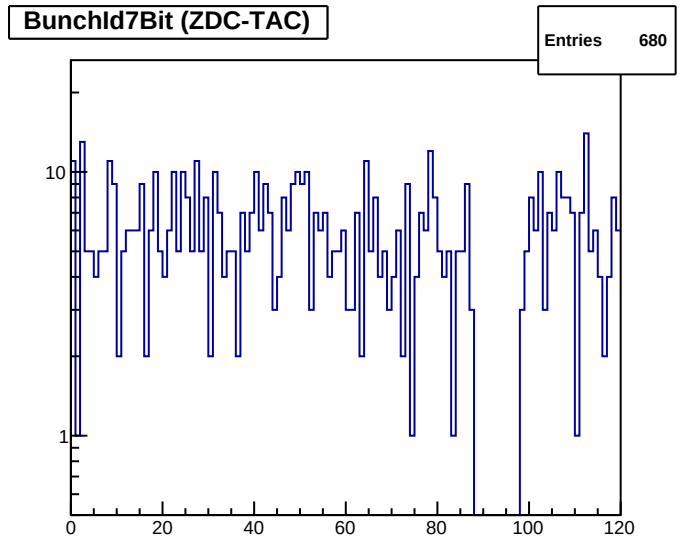
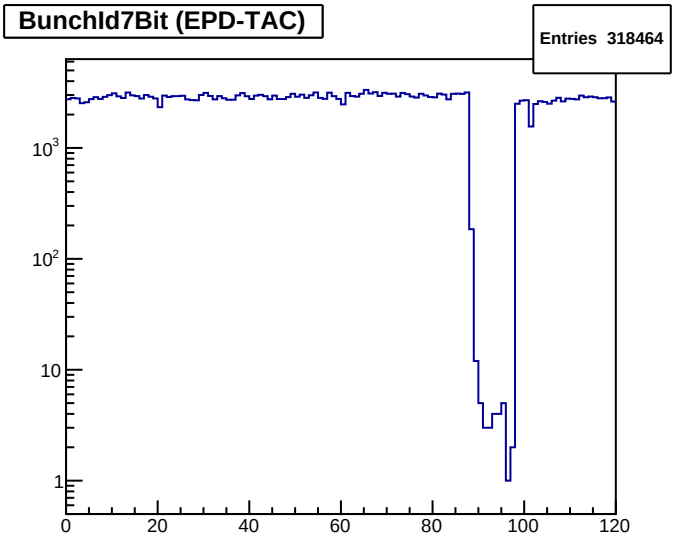
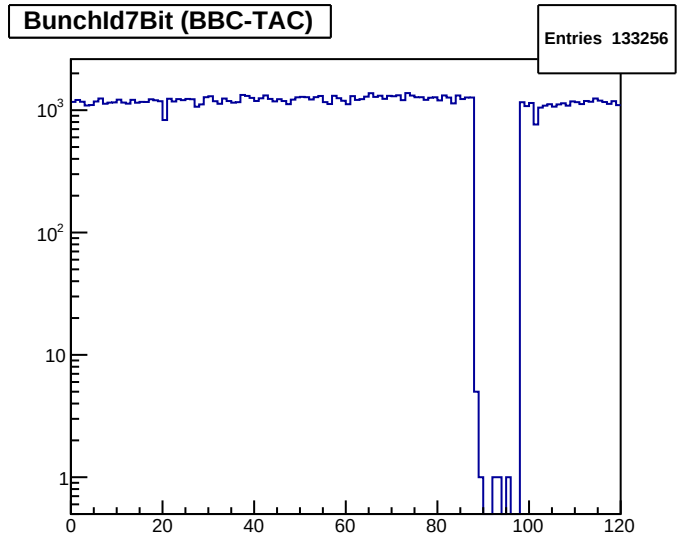
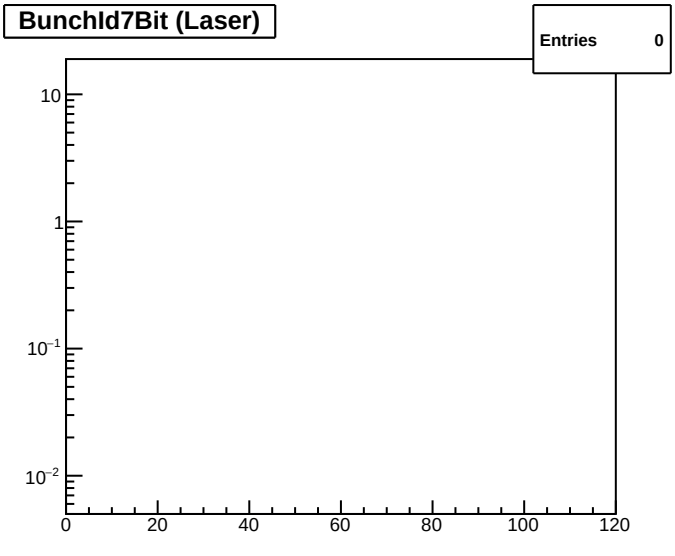
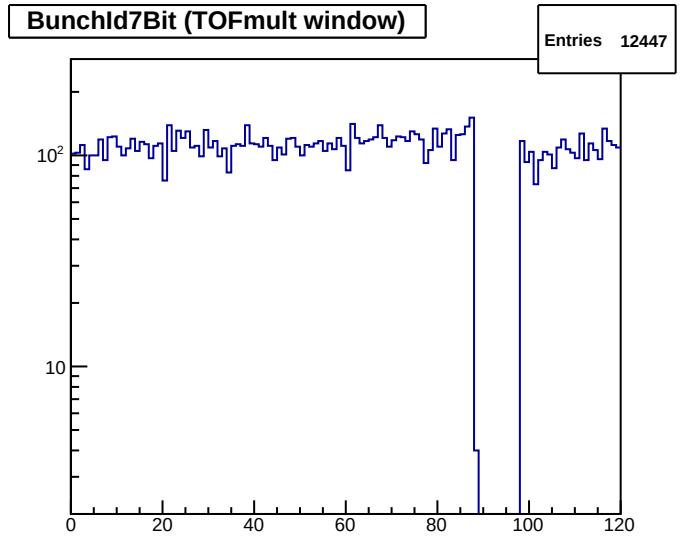

BunchId7Bit (VPD-TAC)
Entries 184888

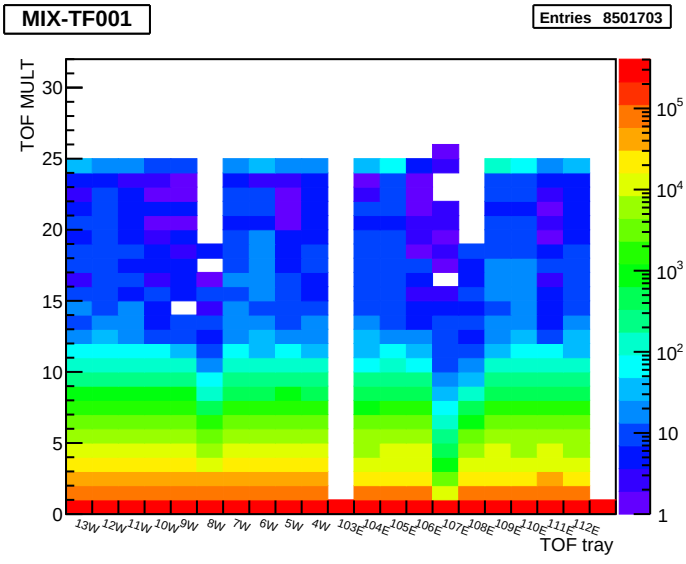

BunchId7Bit (ZDC-TAC)
Entries 680

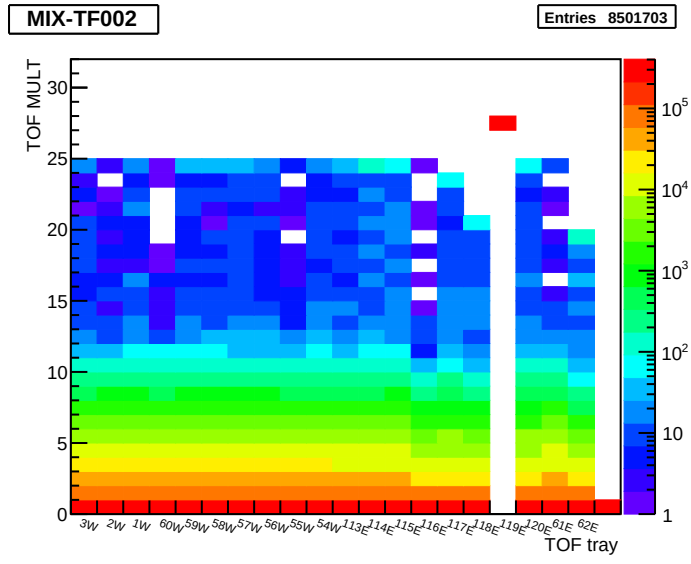

BunchId7Bit (EPD-TAC)
Entries 318464

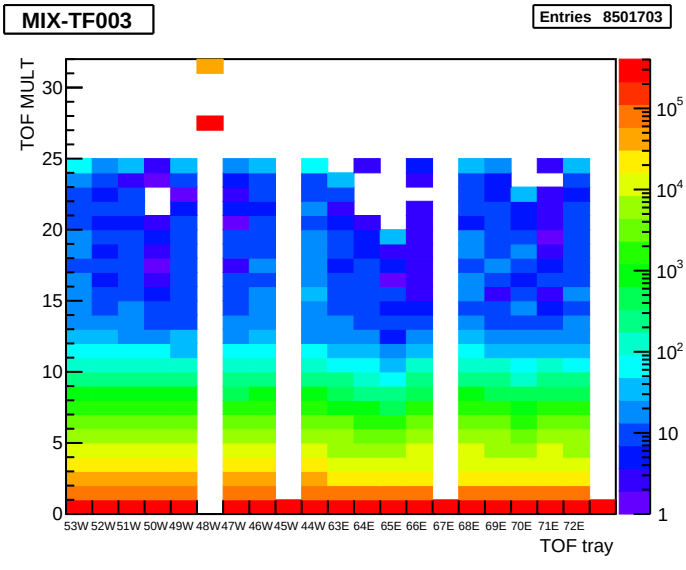

BunchId7Bit (BBC-TAC)
Entries 133256

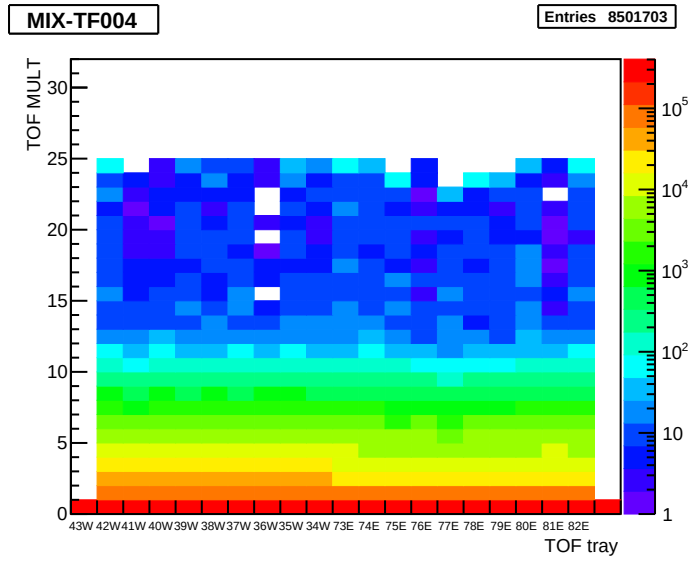

BunchId7Bit (Laser)
Entries 0

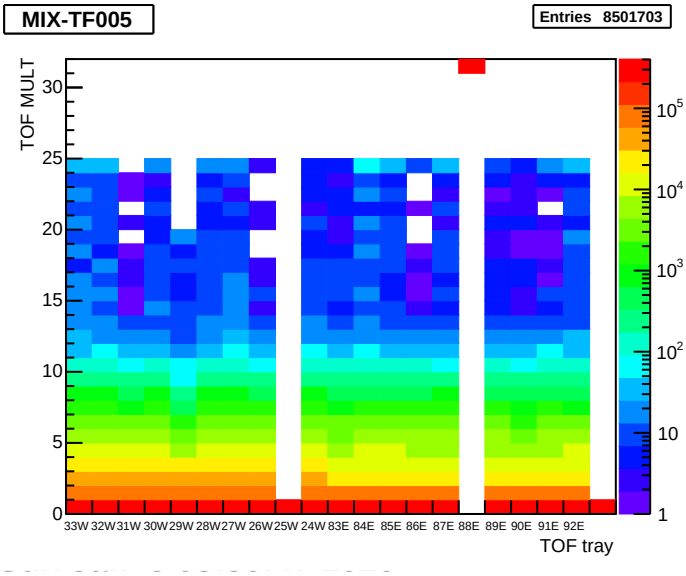

BunchId7Bit (TOFmult window)
Entries 12447

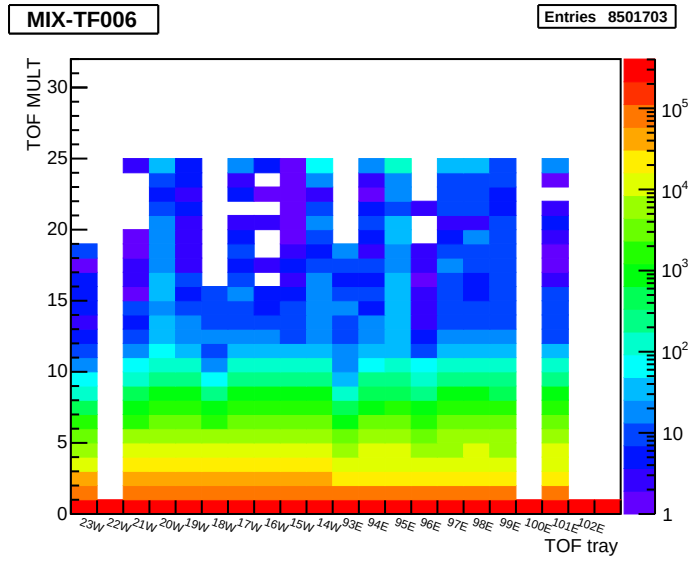

MIX-TF001
Entries 8501703
TOF MULT
TOF tray

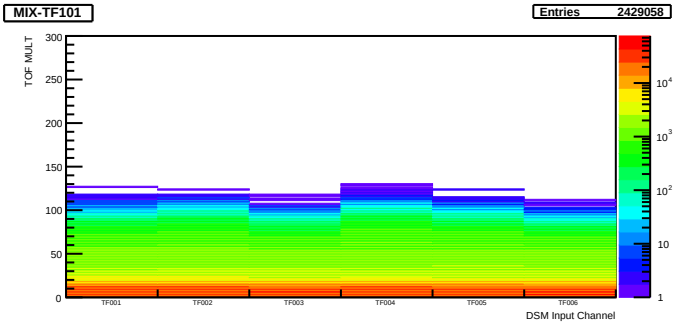

MIX-TF002
Entries 8501703
TOF MULT
TOF tray

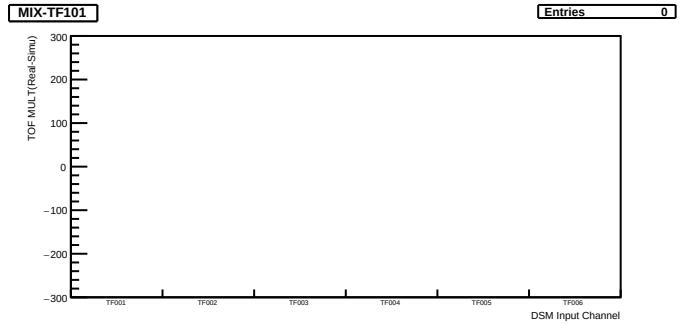

MIX-TF003
Entries 8501703
TOF MULT
TOF tray

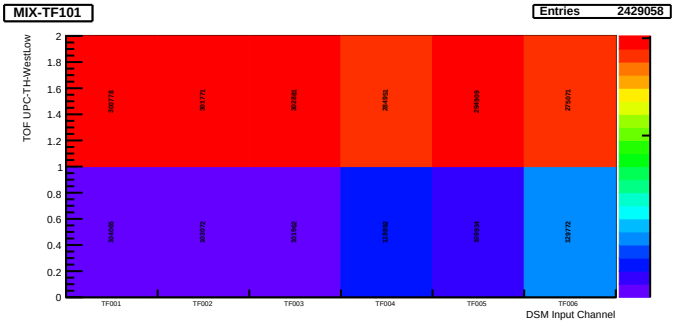

MIX-TF004
Entries 8501703
TOF MULT
TOF tray

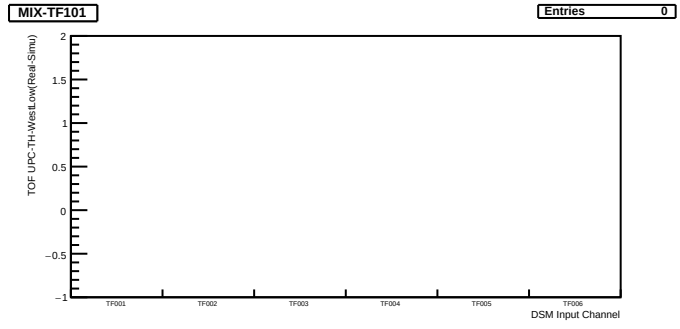

MIX-TF005
Entries 8501703
TOF MULT
TOF tray

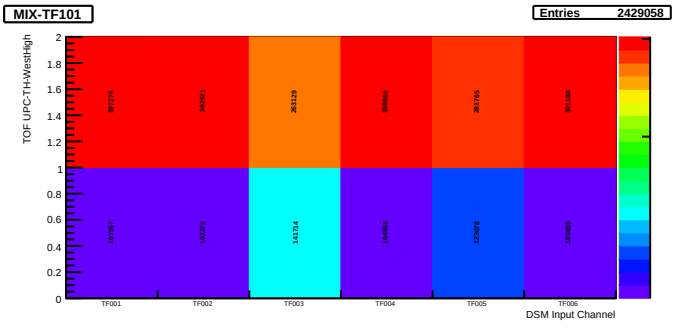

MIX-TF006
Entries 8501703
TOF MULT
TOF tray

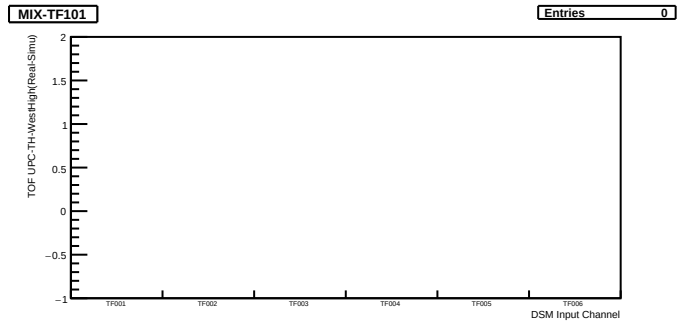

MIX-TF101
Entries 2429058
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

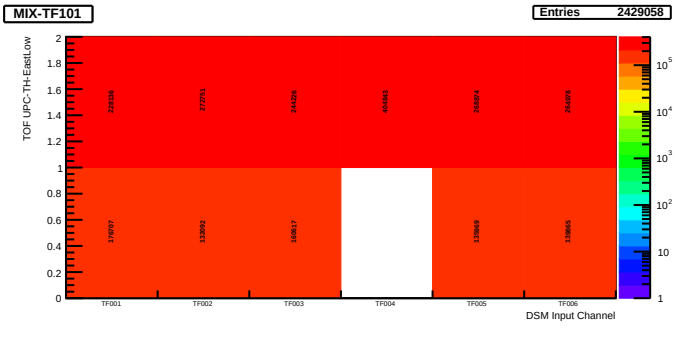

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

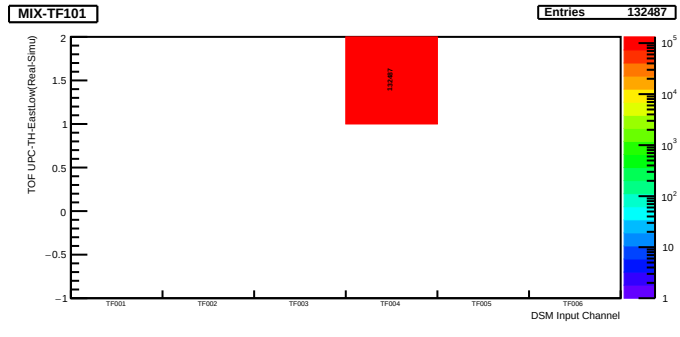

MIX-TF101
Entries 2429058
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

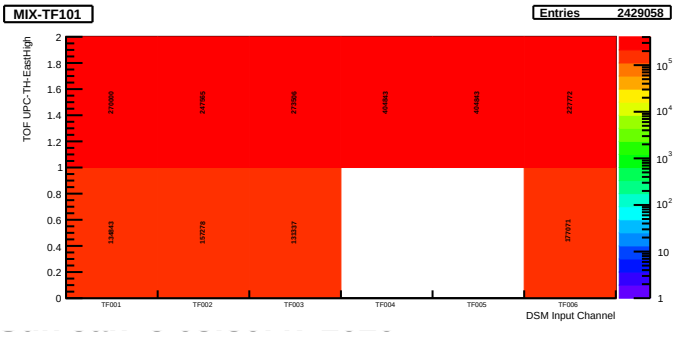

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

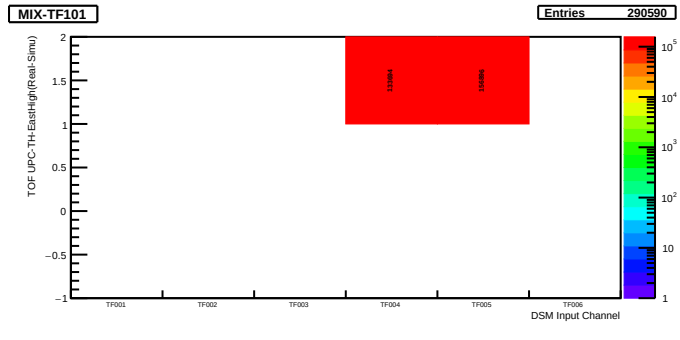

MIX-TF101
Entries 2429058
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

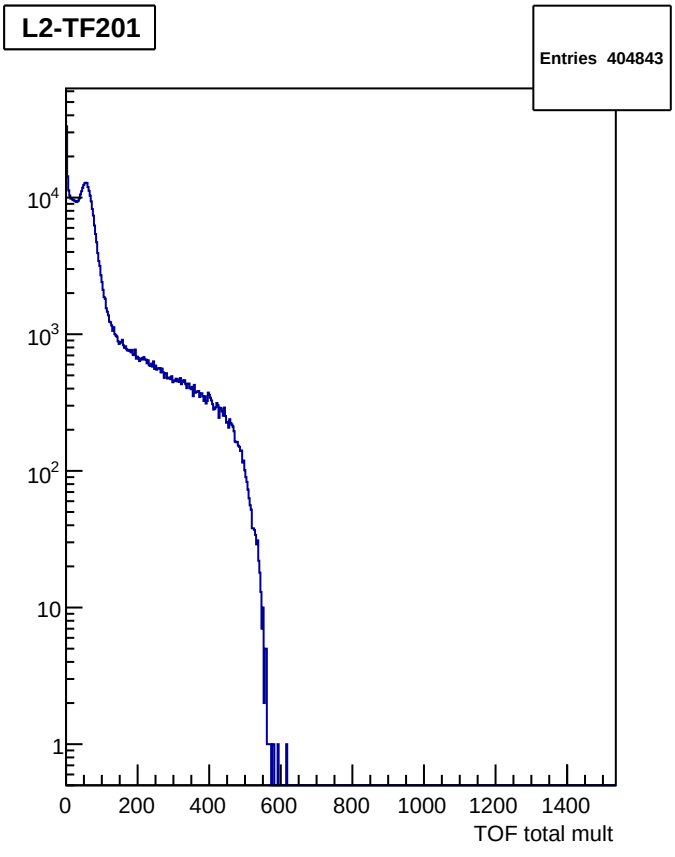

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

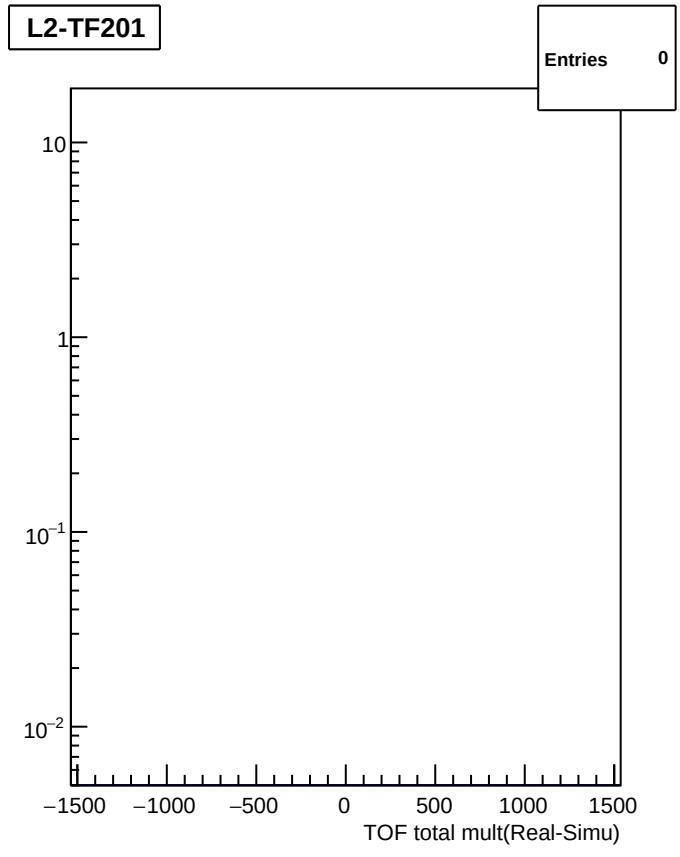

MIX-TF101
Entries 2429058
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

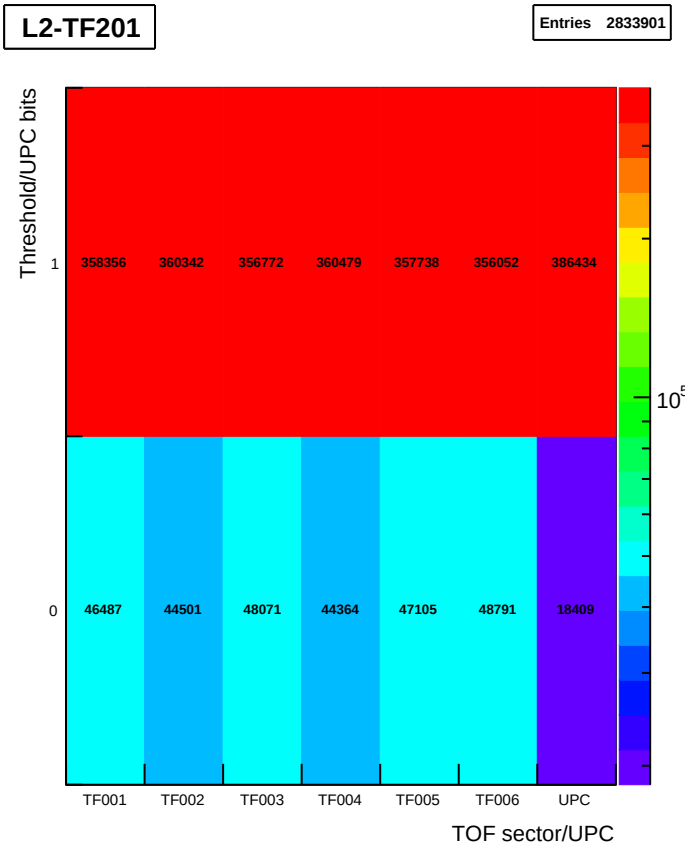

MIX-TF101
Entries 132487
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

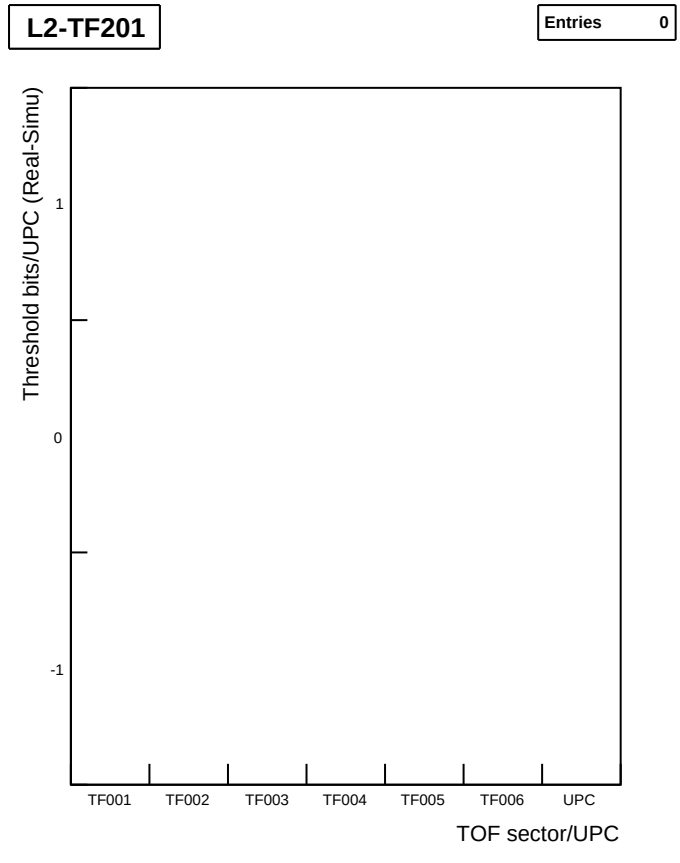

MIX-TF101
Entries 2429058
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

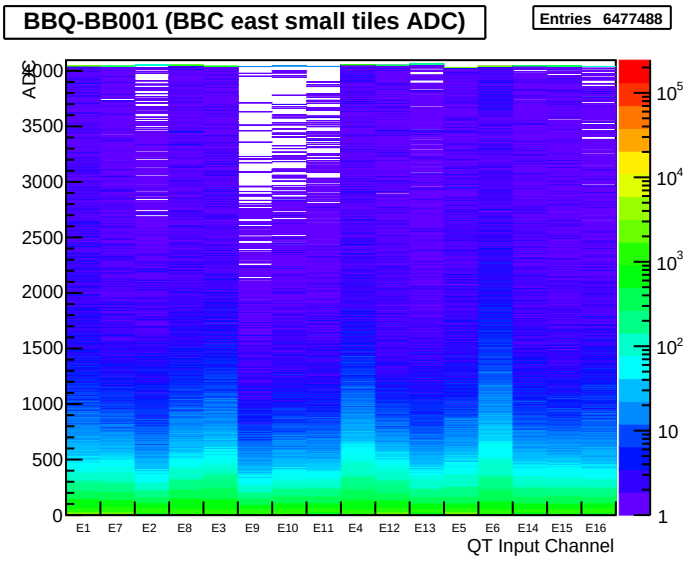

MIX-TF101
Entries 290590
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

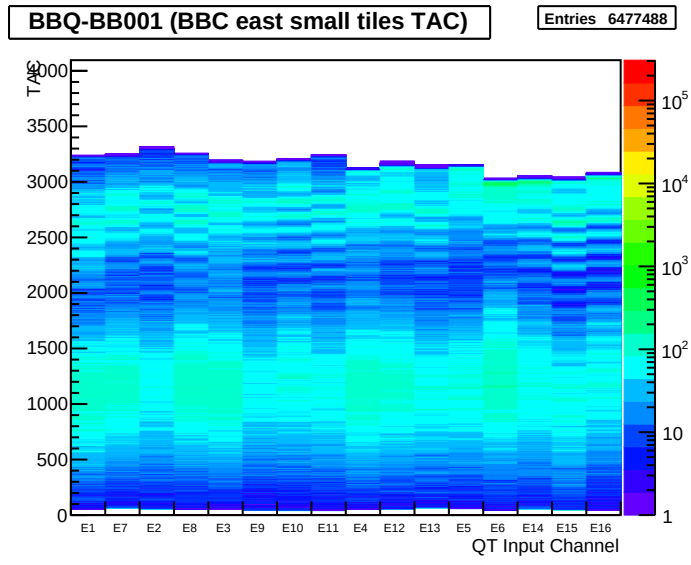

L2-TF201
Entries 404843
TOF total mult

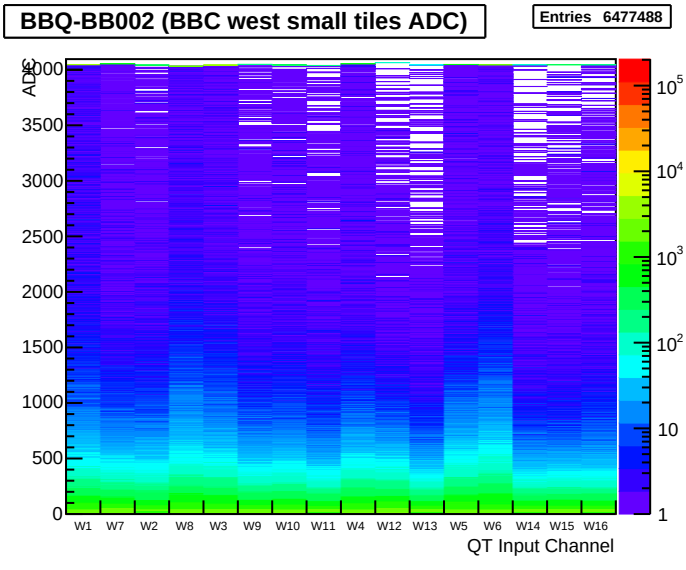

L2-TF201
Entries 0
TOF total mult(Real-Simu)

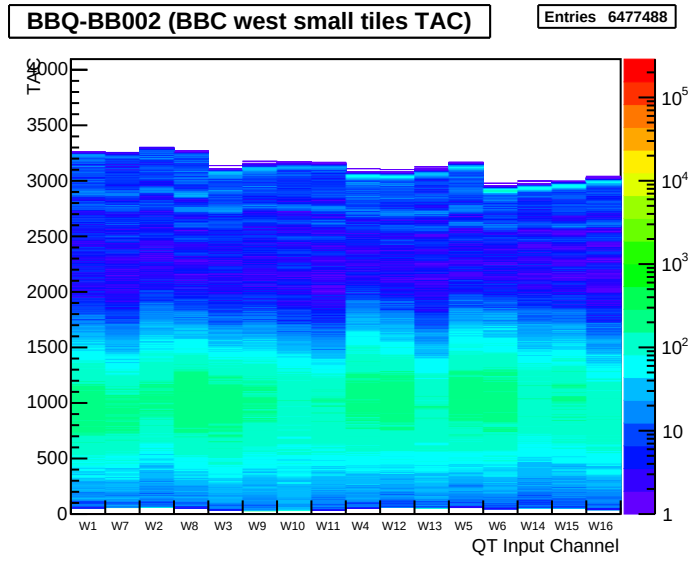

L2-TF201
Entries 2833901
Threshold/UPC bits
358356
360342
356772
360479
357738
356052
386434
46487
44501
48071
44364
47105
48791
18409
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

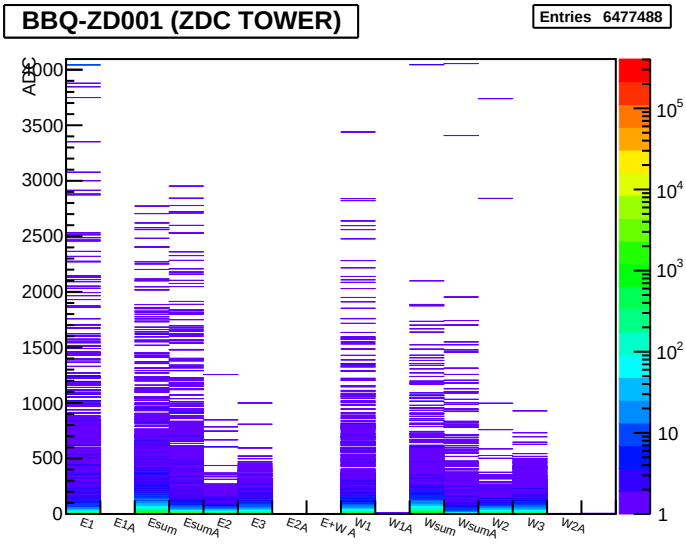

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

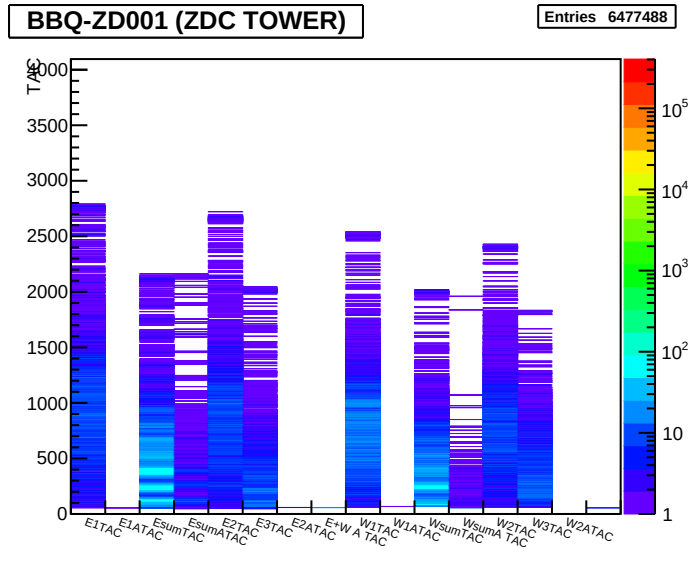

BBQ-BB001 (BBC east small tiles ADC)
Entries 6477488
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

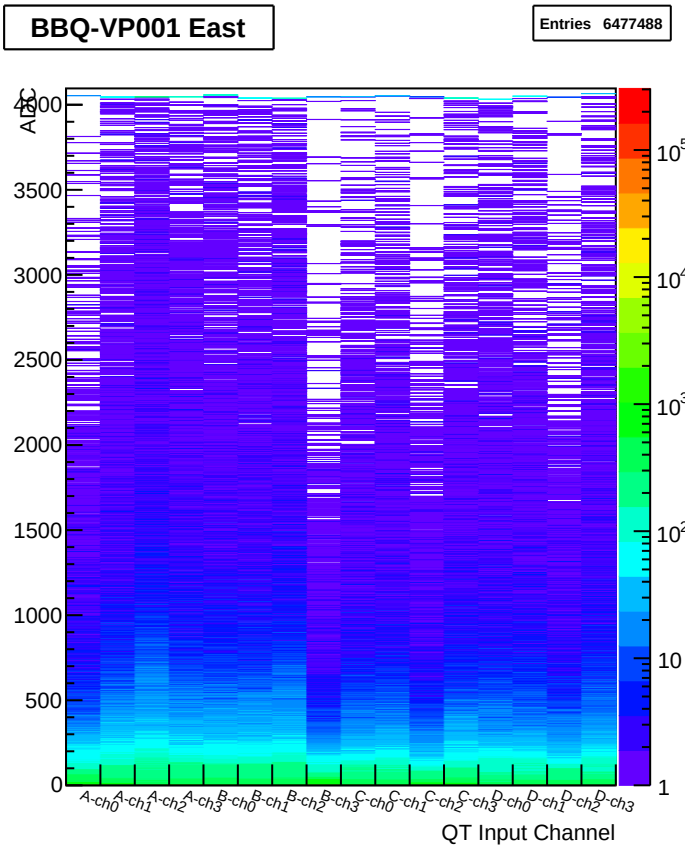

BBQ-BB001 (BBC east small tiles TAC)
Entries 6477488
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

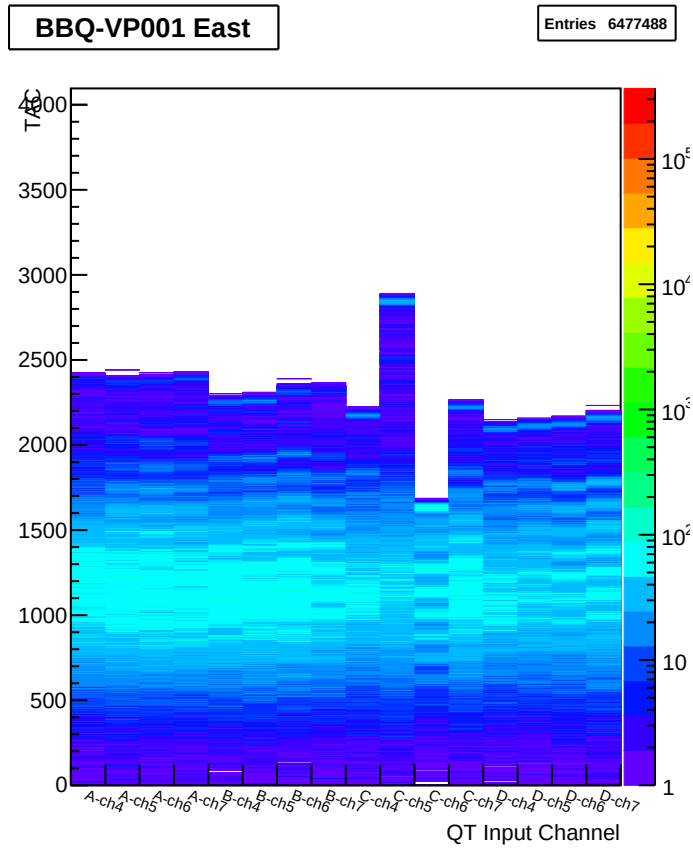

BBQ-BB002 (BBC west small tiles ADC)
Entries 6477488
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

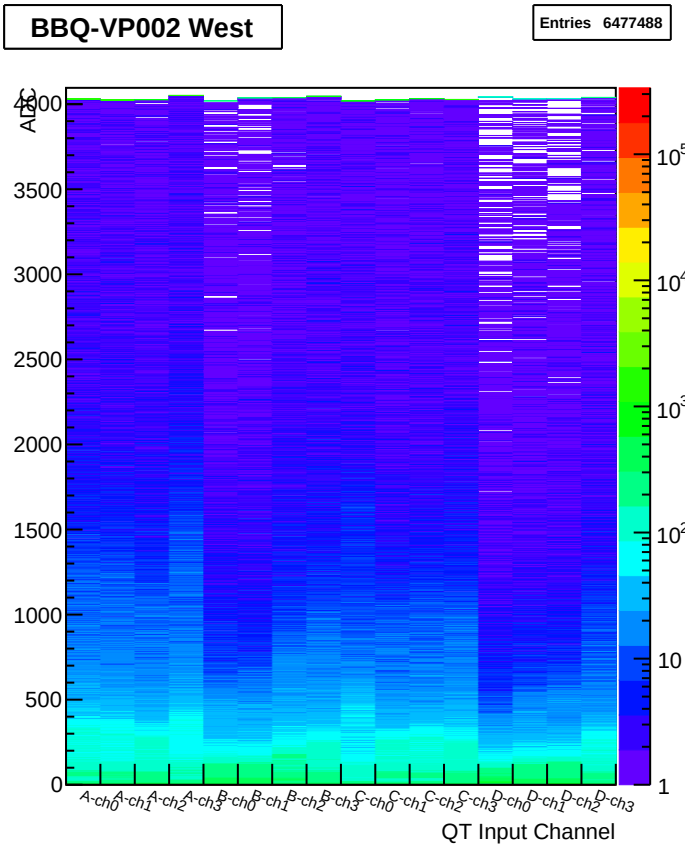

BBQ-BB002 (BBC west small tiles TAC)
Entries 6477488
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

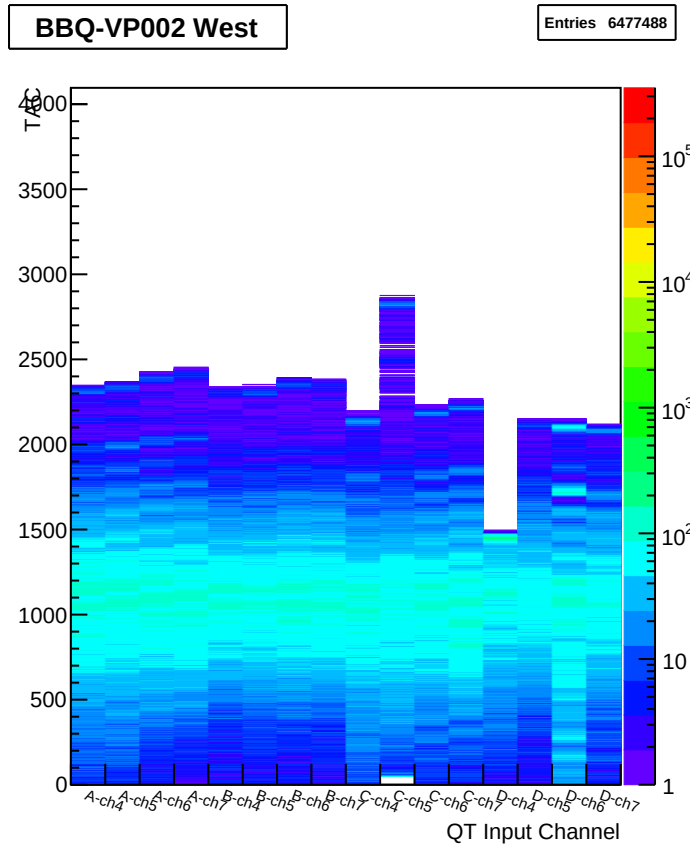

BBQ-ZD001 (ZDC TOWER)
Entries 6477488
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

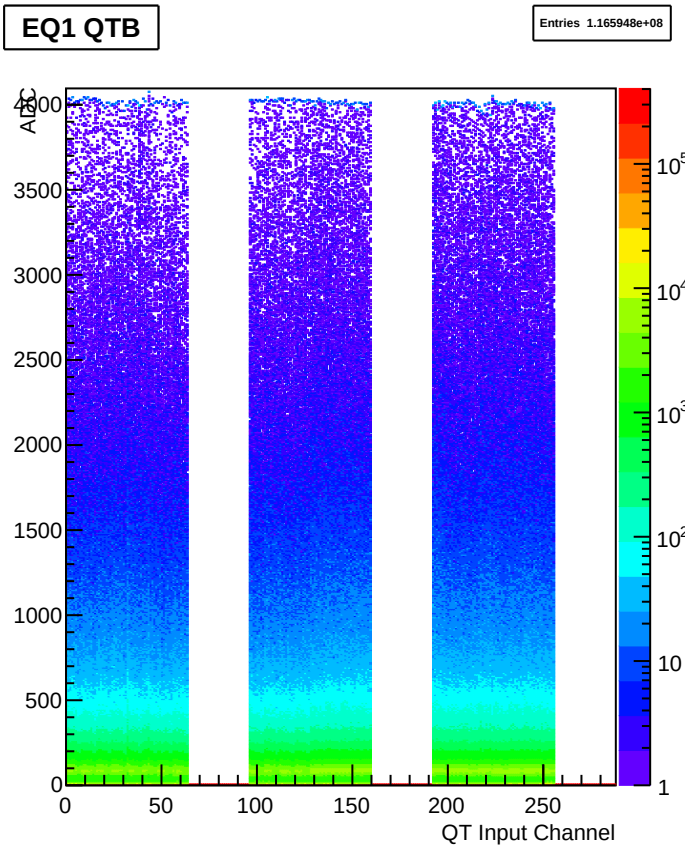

BBQ-ZD001 (ZDC TOWER)
Entries 6477488
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

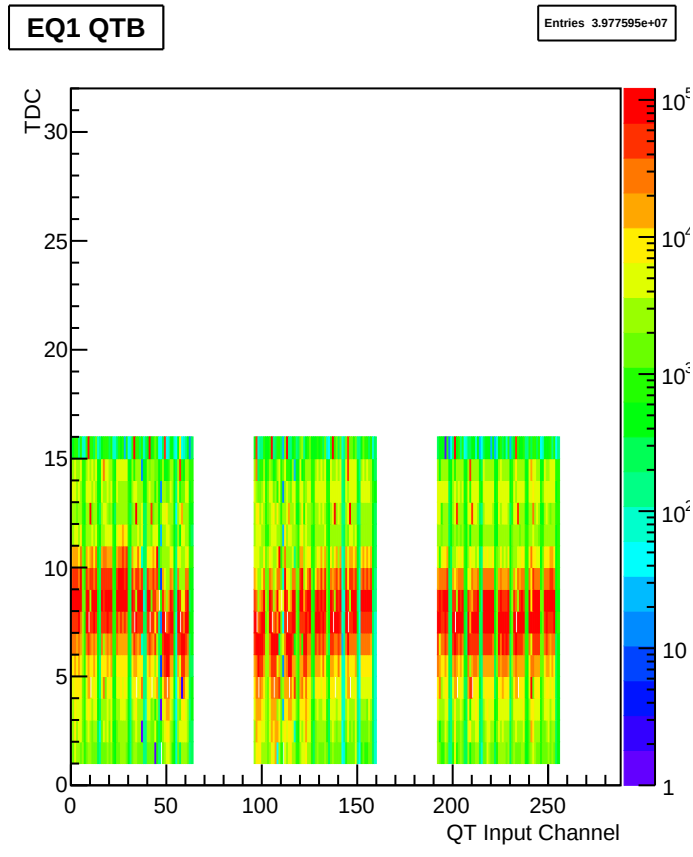

BBQ-VP001 East
Entries 6477488
ADC
QT Input Channel

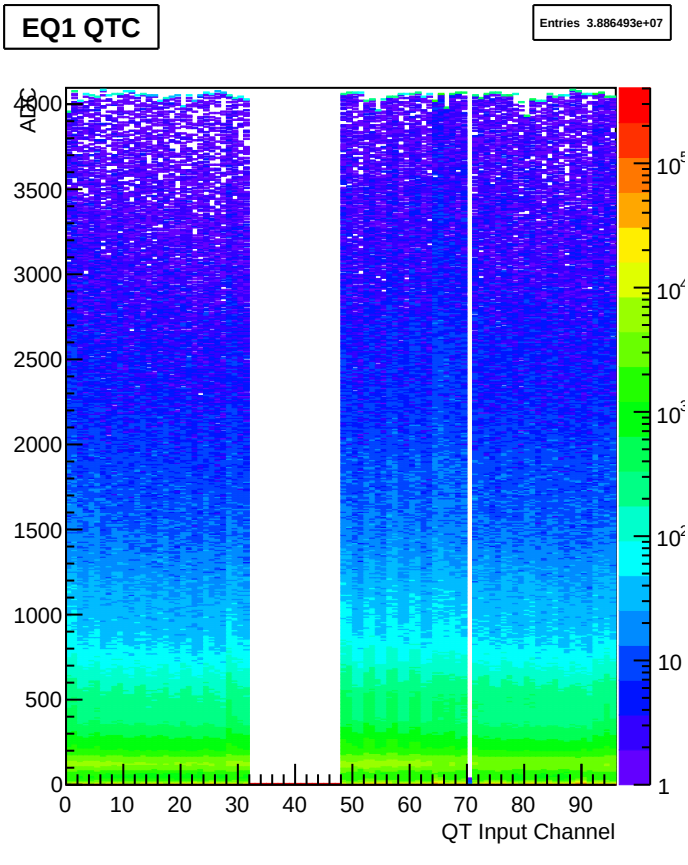

BBQ-VP001 East
Entries 6477488
TADC
QT Input Channel

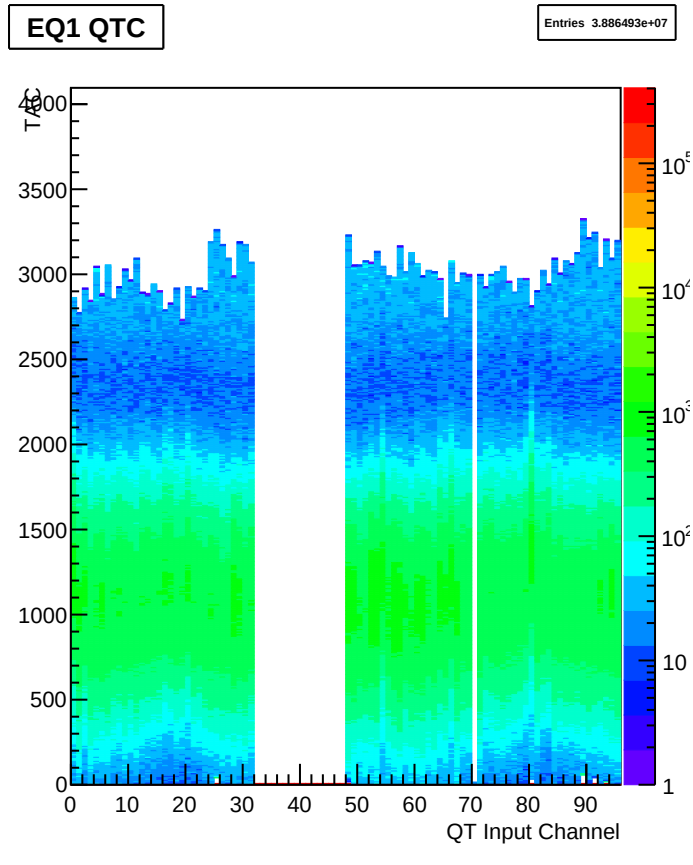

BBQ-VP002 West
Entries 6477488
ADC
QT Input Channel

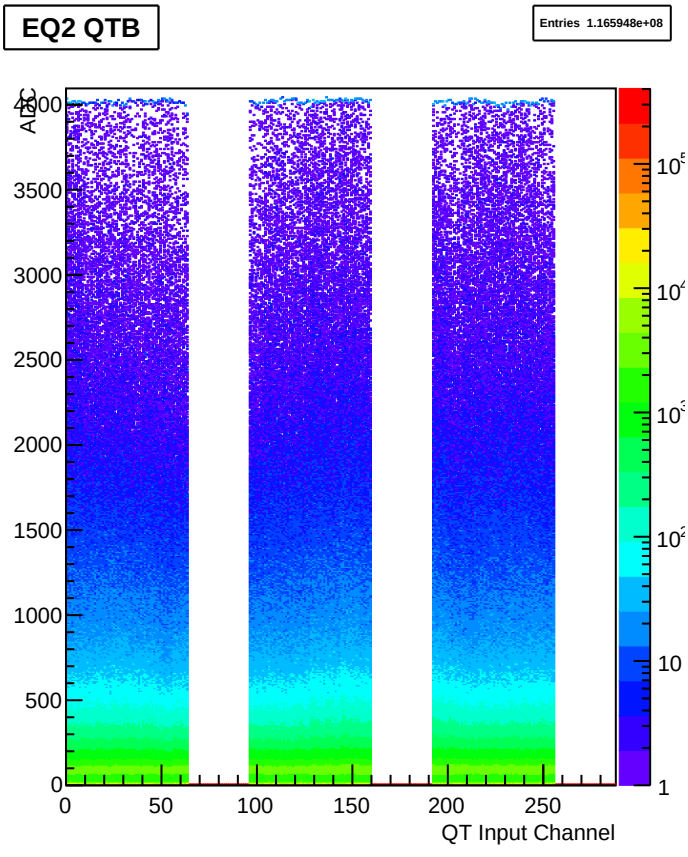

BBQ-VP002 West
Entries 6477488
TADC
QT Input Channel

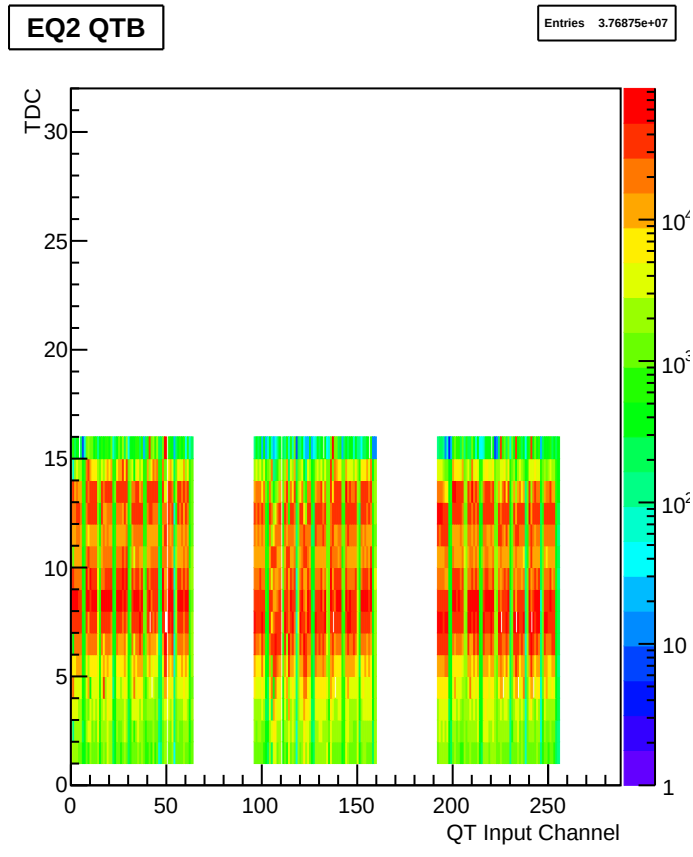

EQ1 QTB
Entries 1.165948e+08
ADC
QT Input Channel

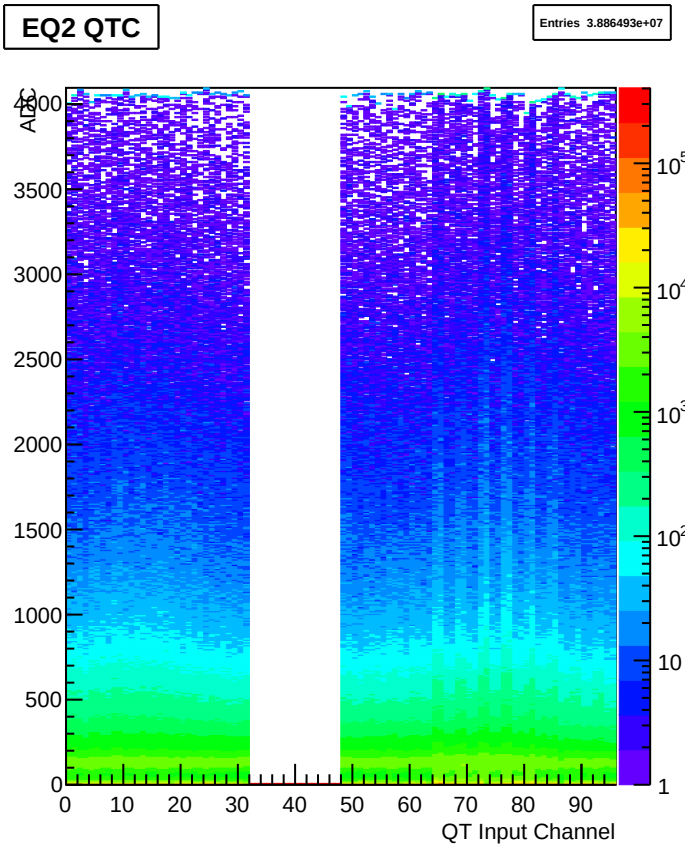

EQ1 QTB
Entries 3.977595e+07
TDC
QT Input Channel

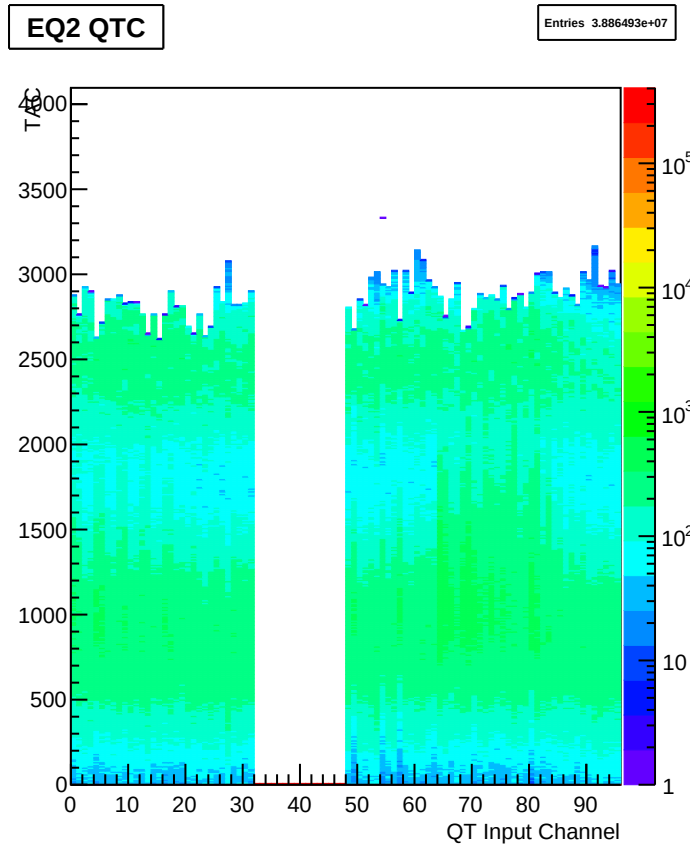

EQ1 QTC
Entries 3.886493e+07
ADC
QT Input Channel

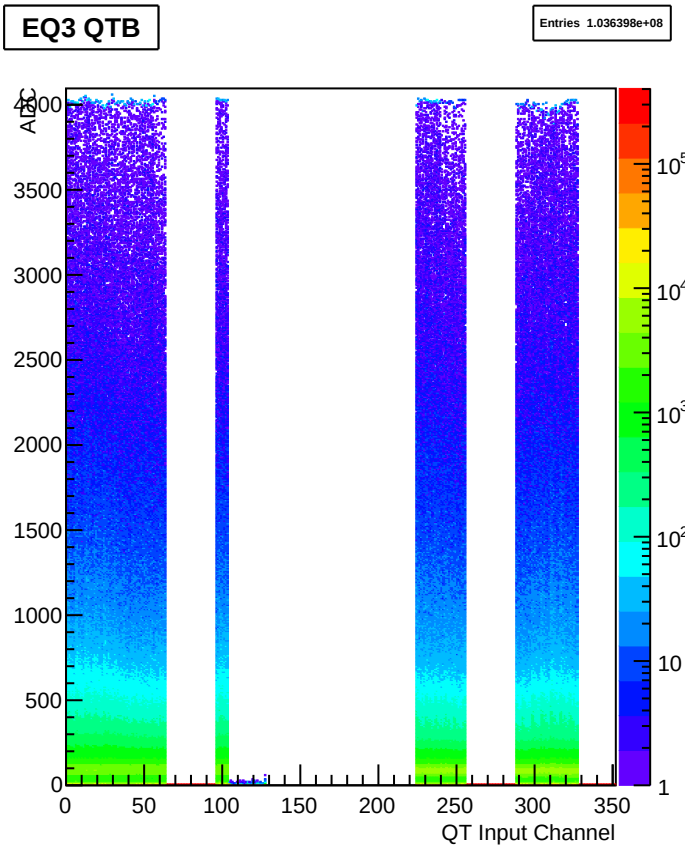

EQ1 QTC
Entries 3.886493e+07
TADC
QT Input Channel

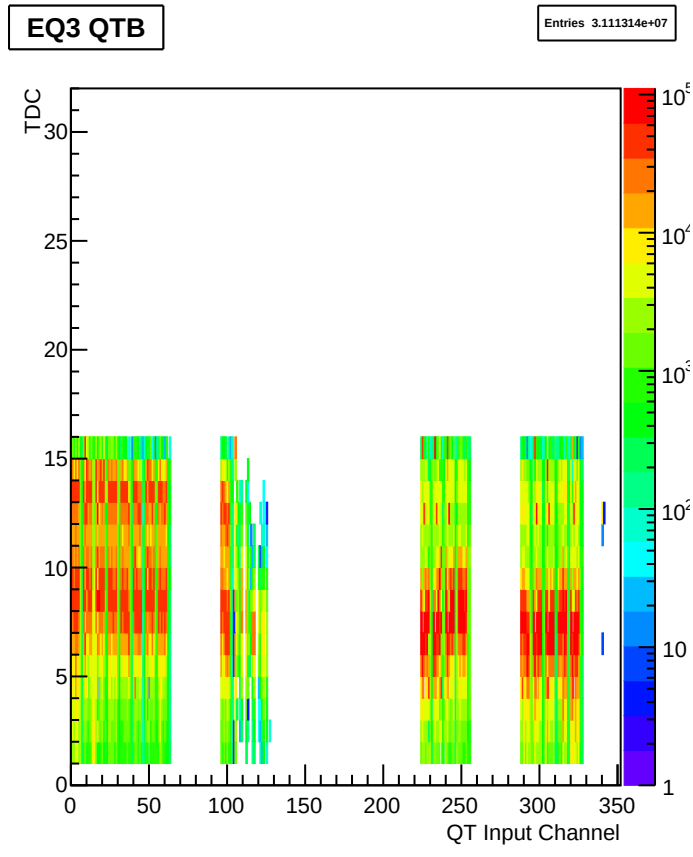

EQ2 QTB
Entries 1.165948e+08
ADC
QT Input Channel

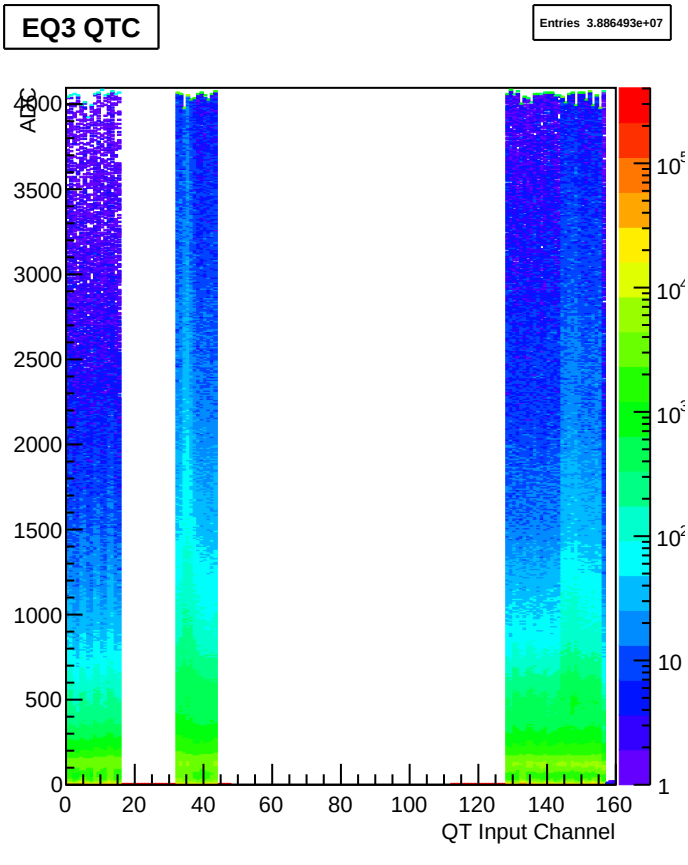

EQ2 QTB
Entries 3.76875e+07
TDC
QT Input Channel

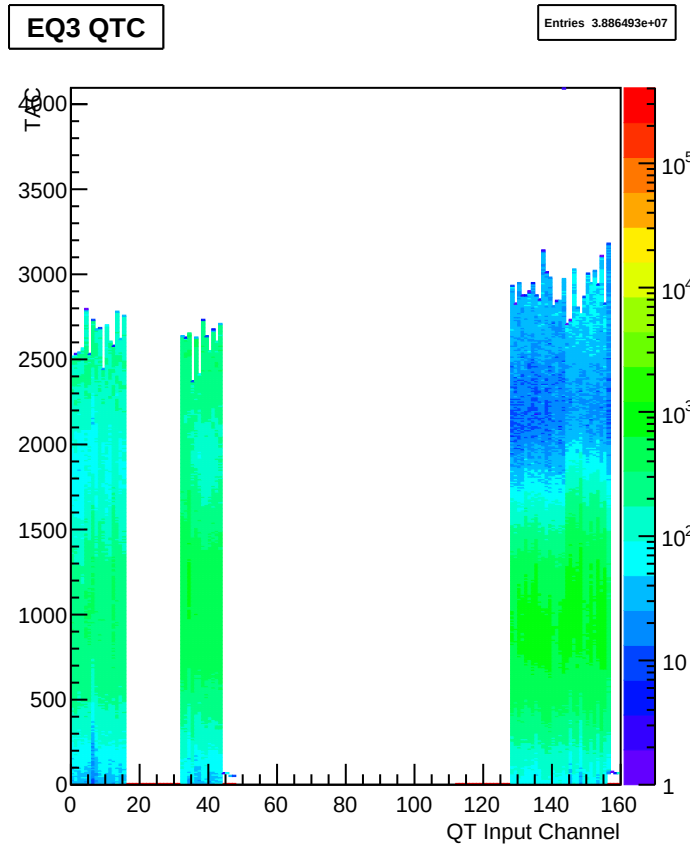

EQ2 QTC
Entries 3.886493e+07
ADC
QT Input Channel

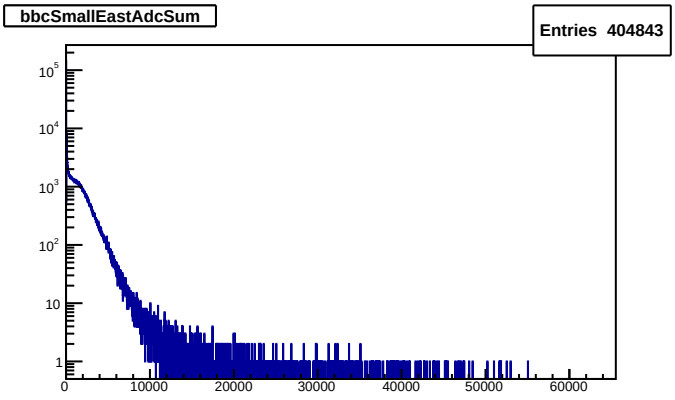

EQ2 QTC
Entries 3.886493e+07
TADC
QT Input Channel

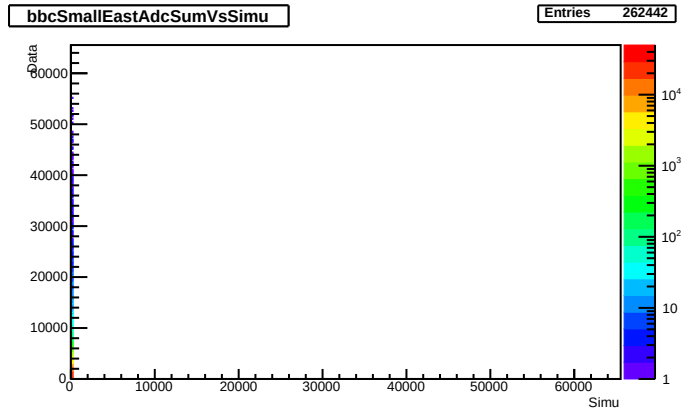

EQ3 QTB
Entries 1.036398e+08
ADC
QT Input Channel

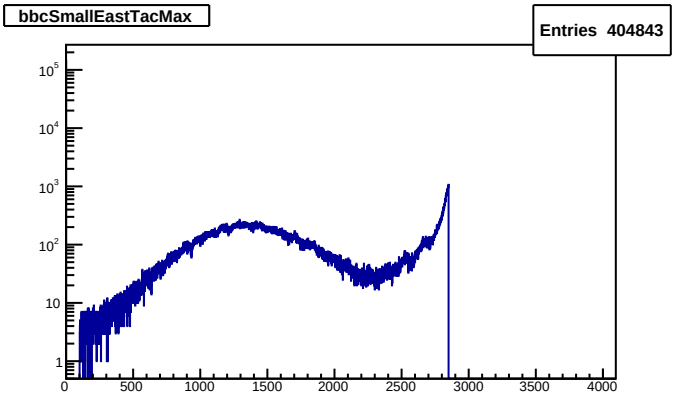

EQ3 QTB
Entries 3.111314e+07
TDC
QT Input Channel

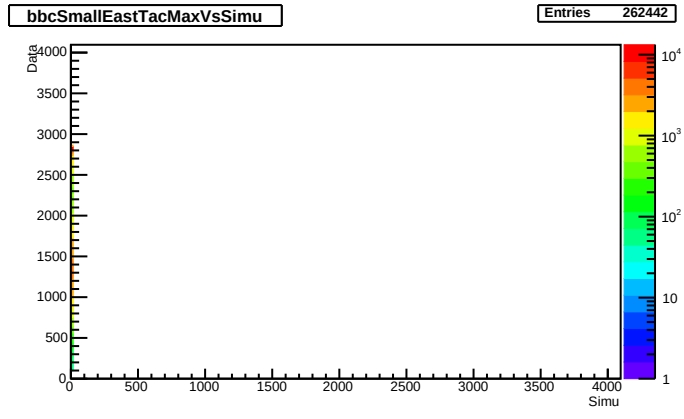

EQ3 QTC
Entries 3.886493e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.886493e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 404843


bbcSmallEastAdcSumVsSimu
Entries 262442
Data
Simu


bbcSmallEastTacMax
Entries 404843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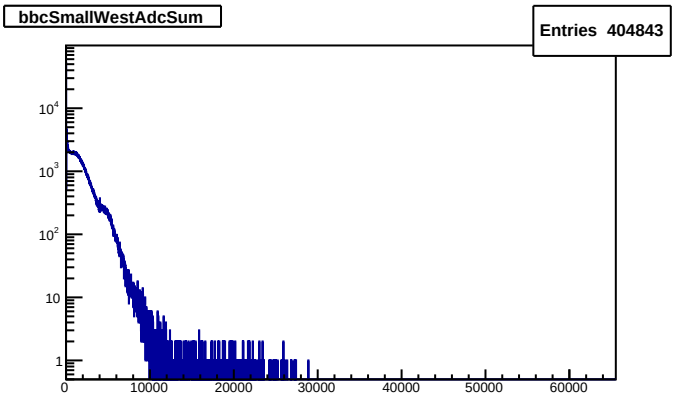
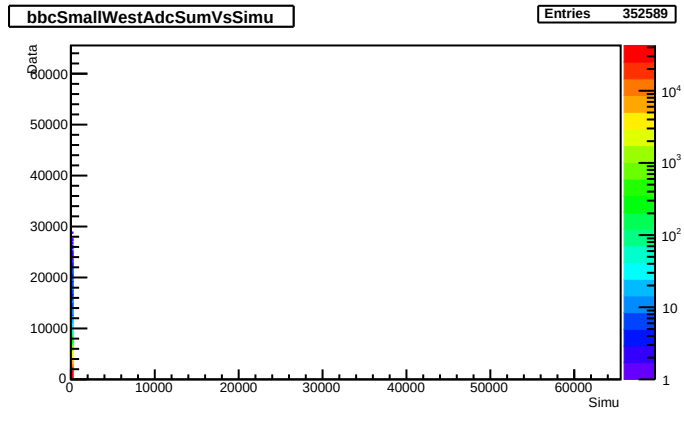
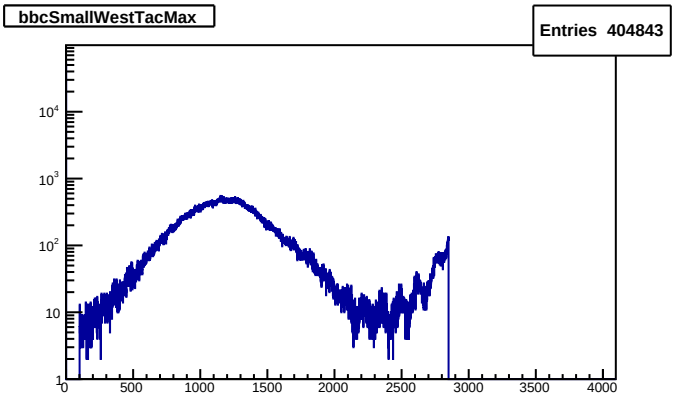
Entries 262442
Data
Simu


bbcSmallWestAdcSum
Entries 404843


bbcSmallWestAdcSumVsSimu
Entries 352589
Data
Simu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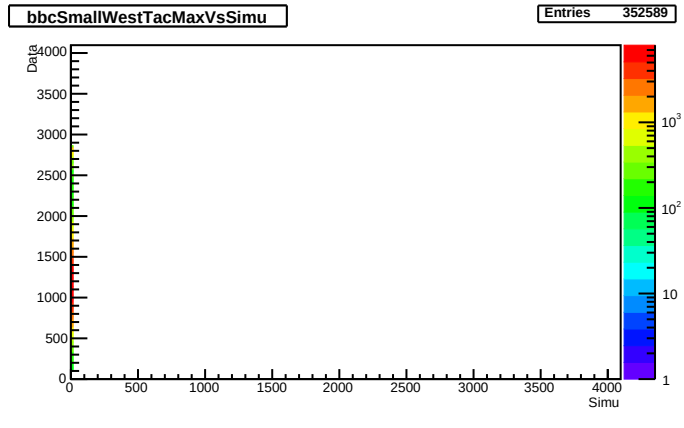
Entries 404843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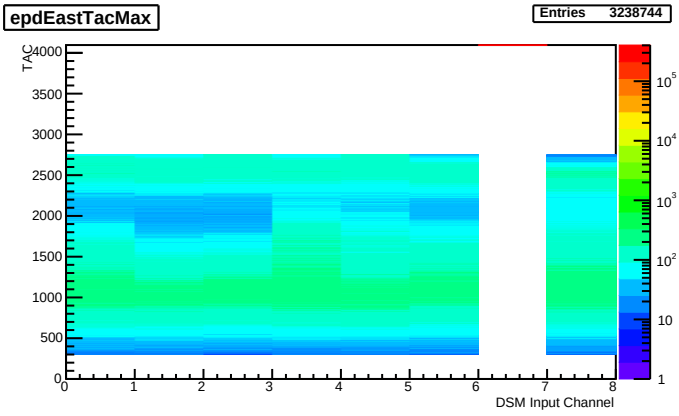
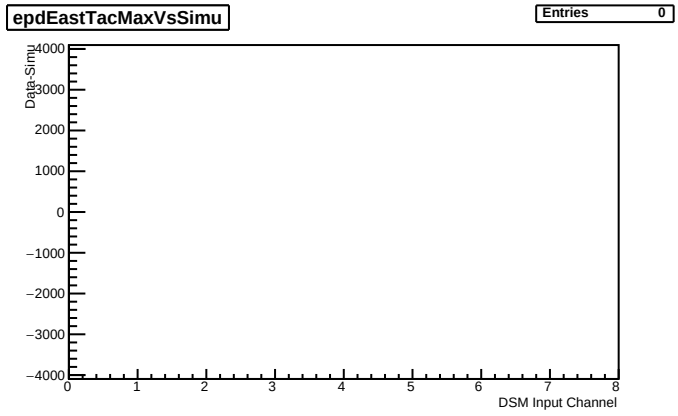
Entries 352589
Data
Simu


epdEastTacMax
Entries 3238744
TAC
DSM Input Channel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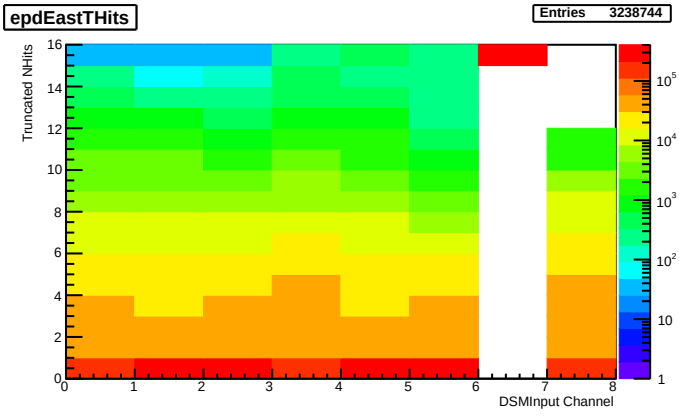
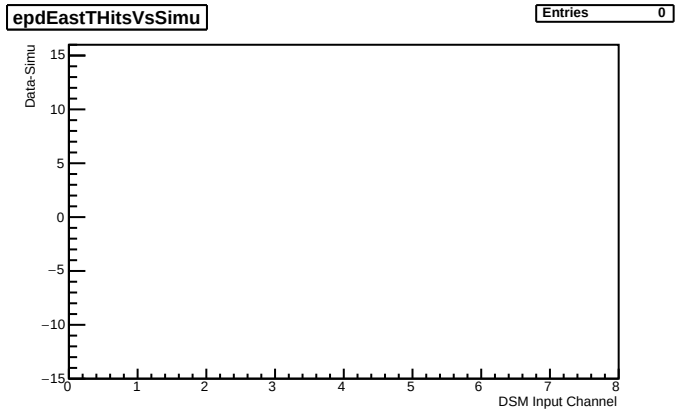
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3238744
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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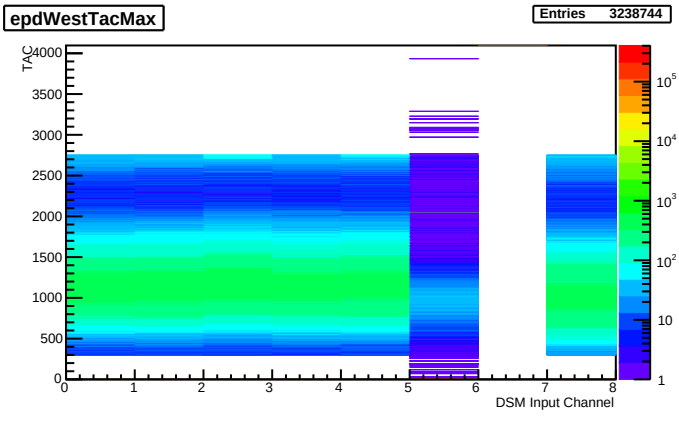
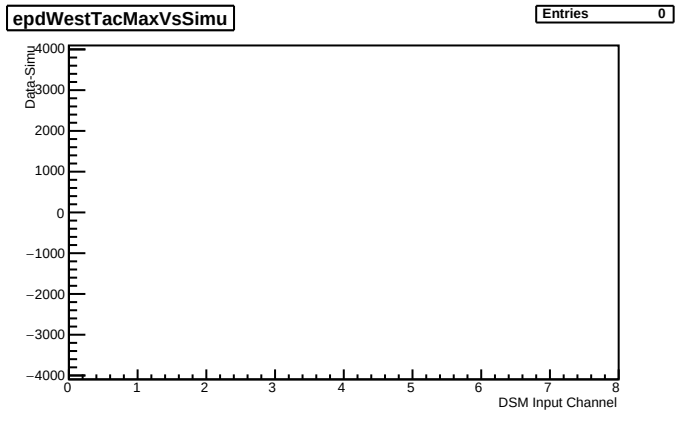
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3238744
TAC
DSM Input Channel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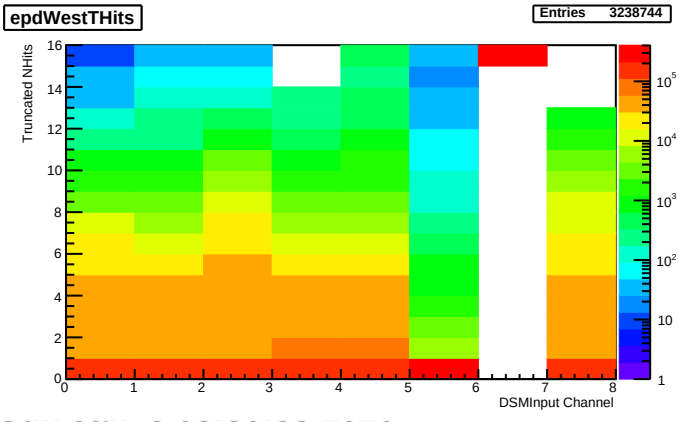
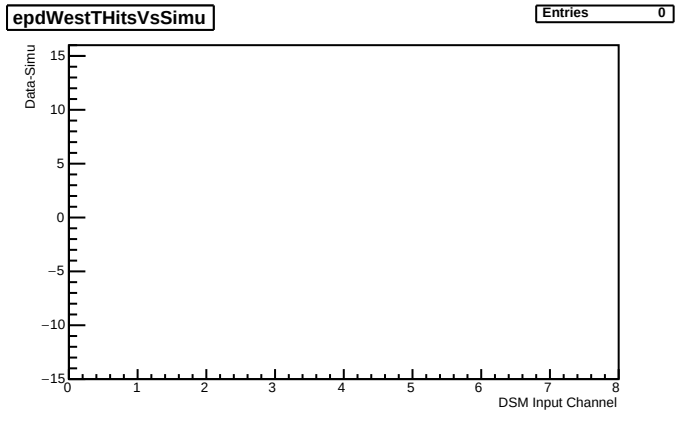
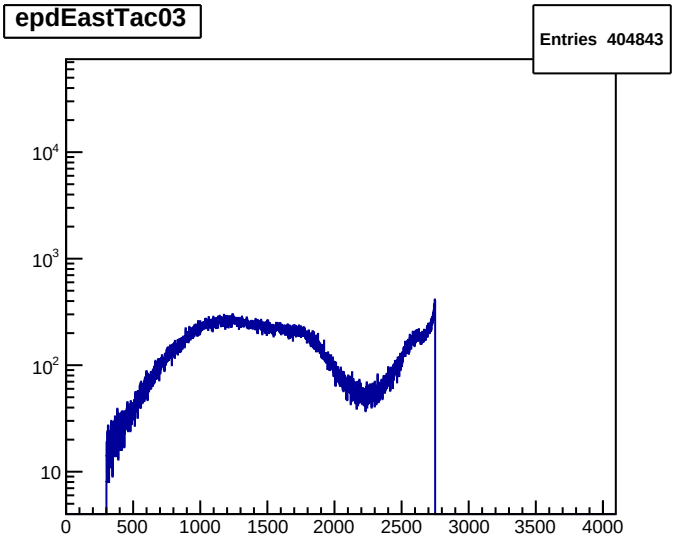
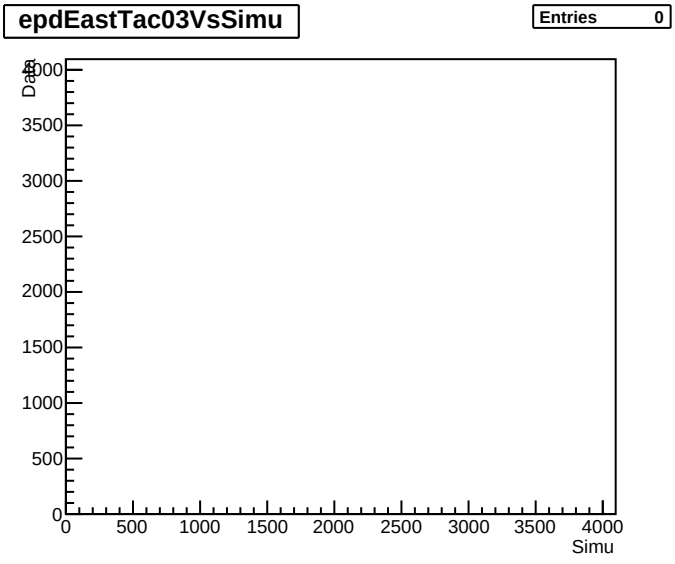
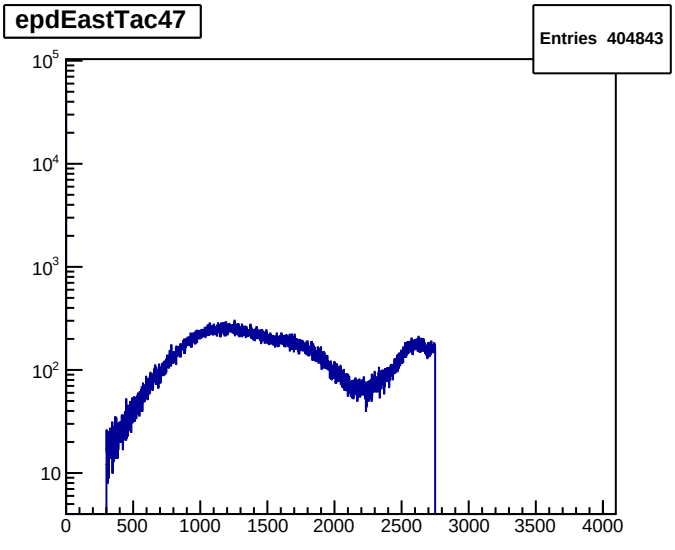
Entries 0
Data-Simu
DSM Input Channel

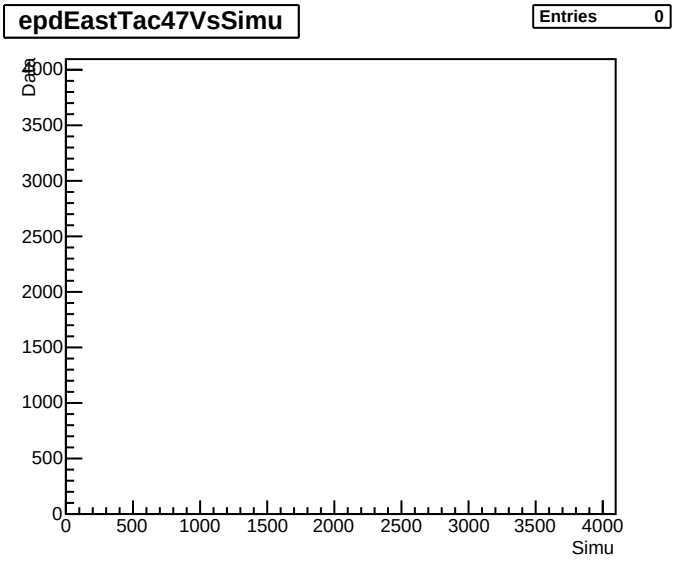

epdWestTHits
Entries 3238744
Truncated NHits
DSMInput Channel

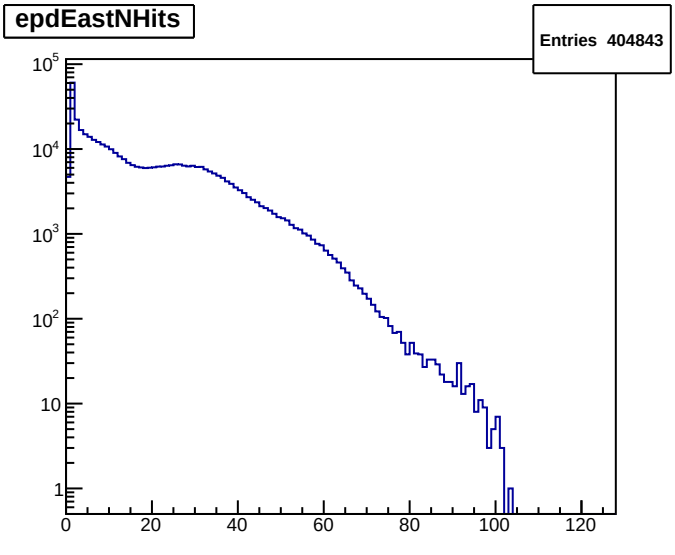

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

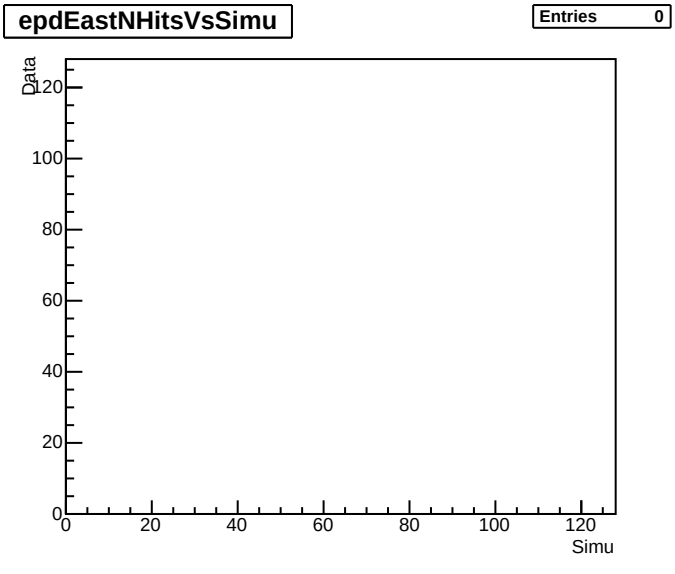

epdEastTac03
Entries 404843


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 404843


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 404843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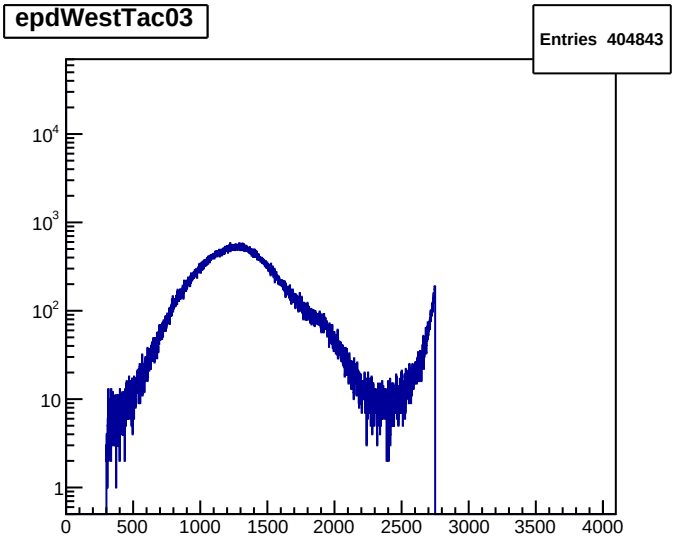
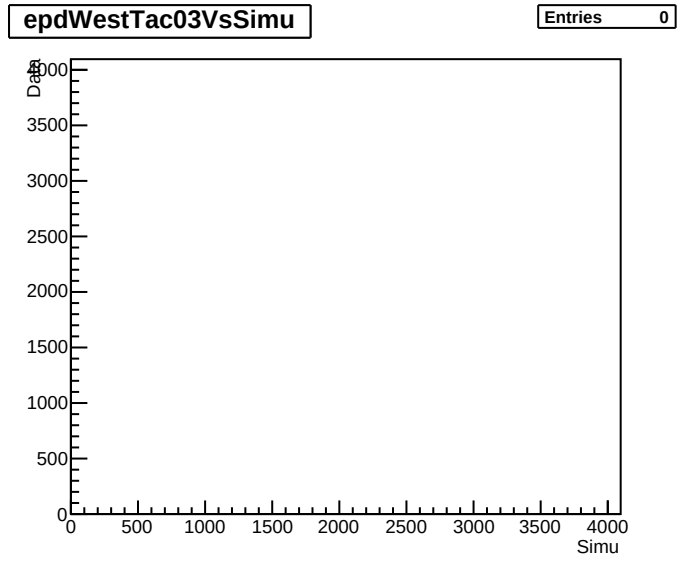
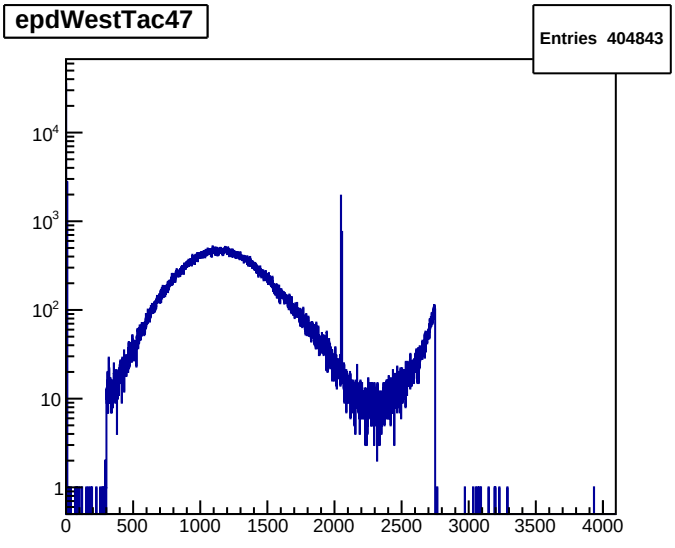
Entries 0
Data
Simu


epdWestTac03
Entries 404843


epdWestTac03VsSimu
Entries 0
Data
Simu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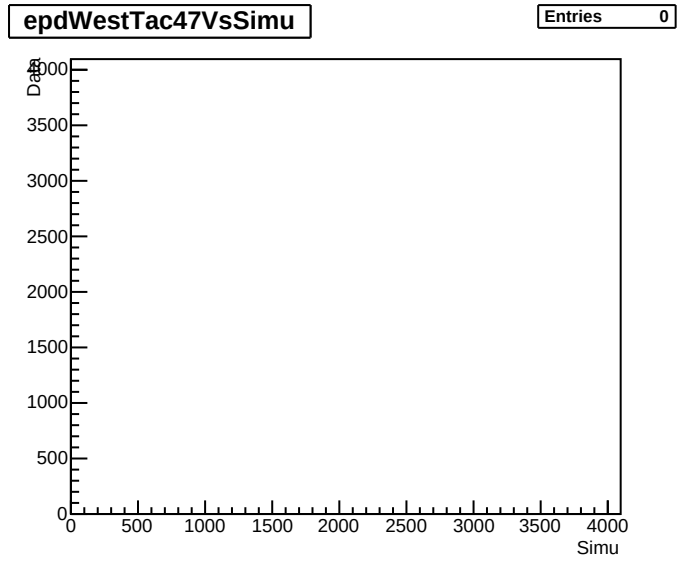
Entries 404843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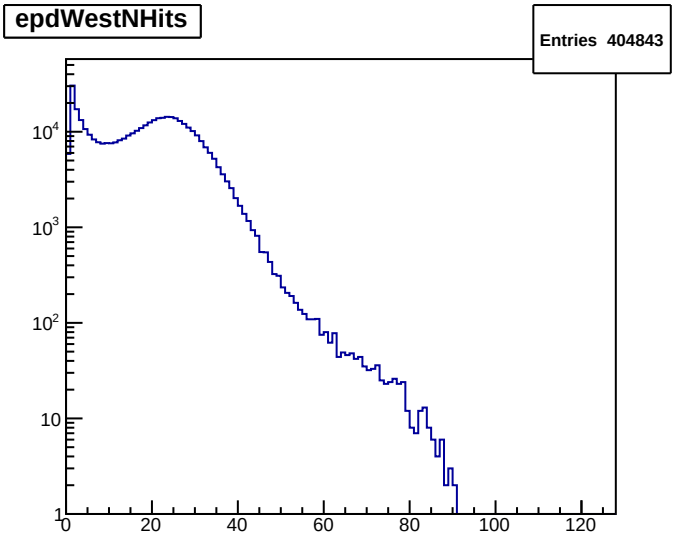
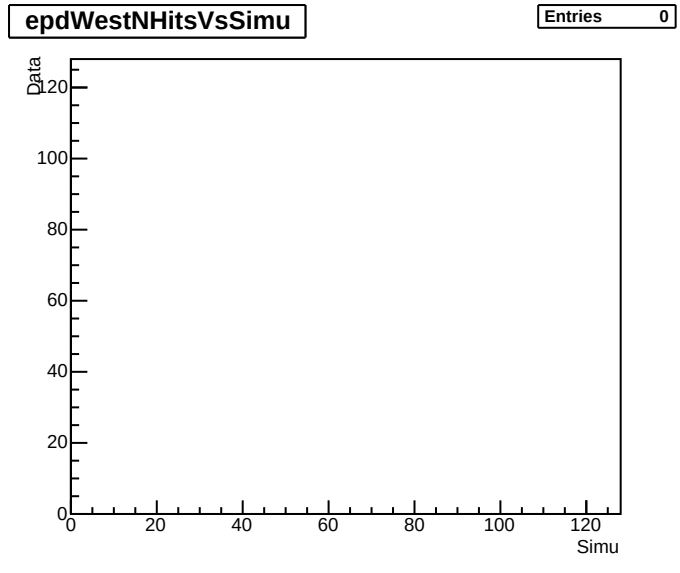
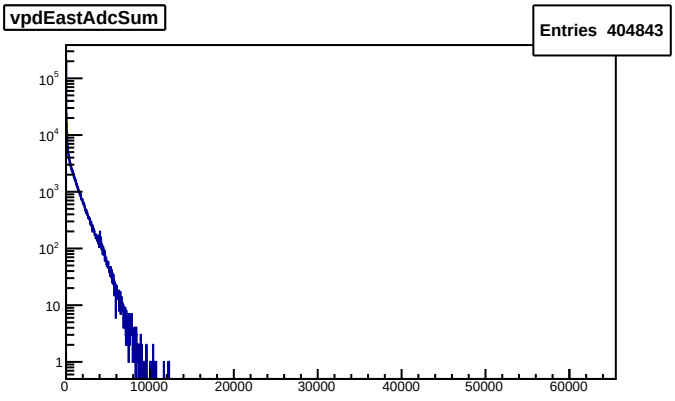
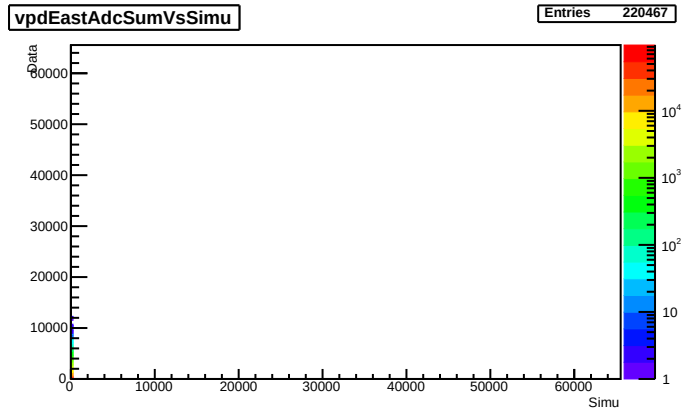
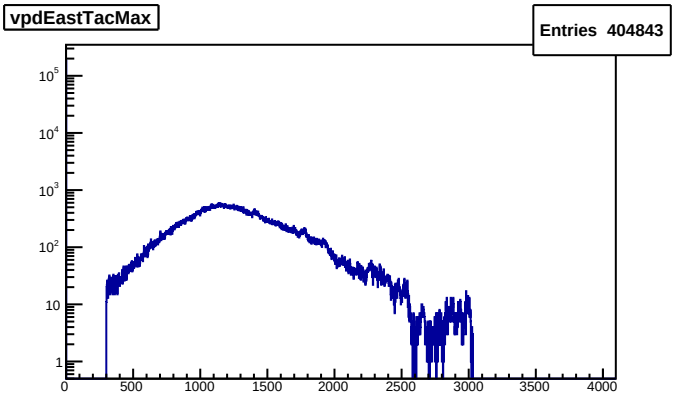
Entries 0
Data
Simu

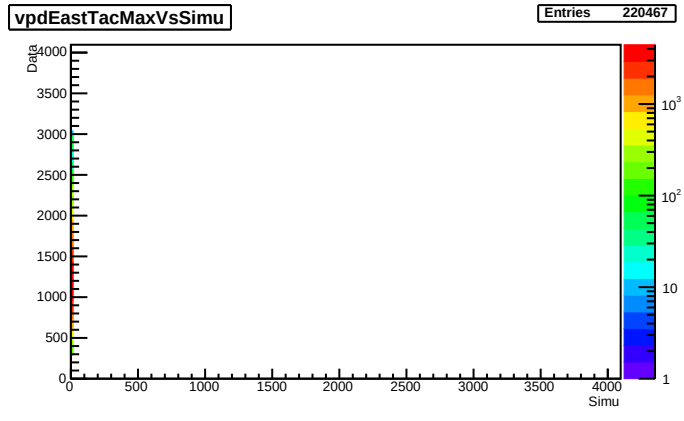

epdWestNHits
Entries 404843

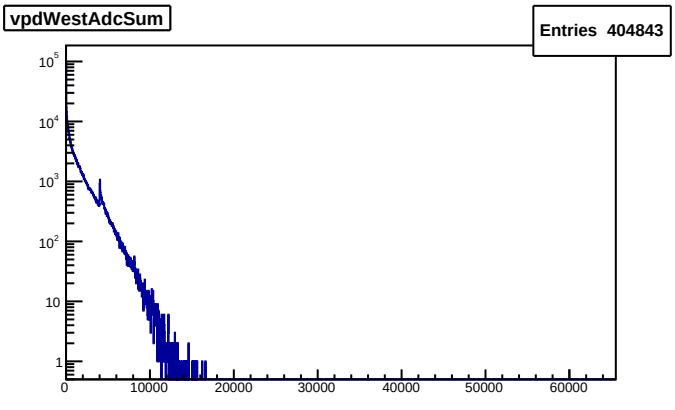

epdWestNHitsVsSimu
Entries 0
Data
Simu

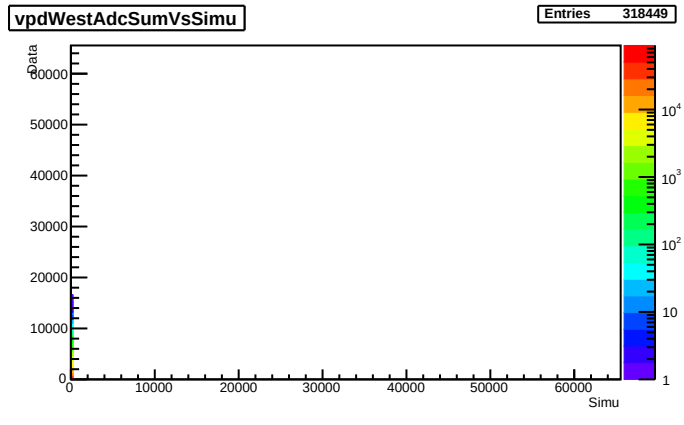

vpdEastAdcSum
Entries 404843

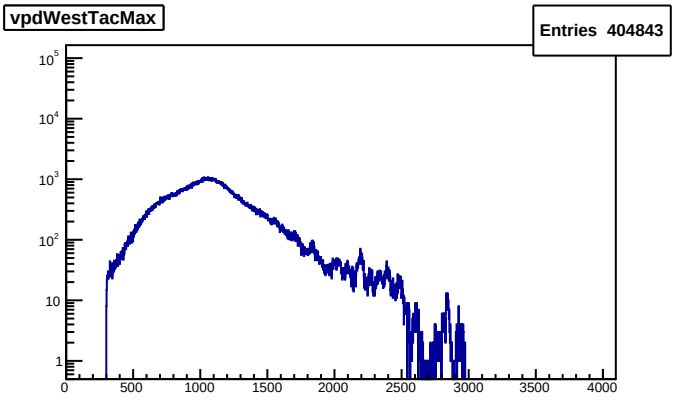

vpdEastAdcSumVsSimu
Entries 220467
Data
Simu

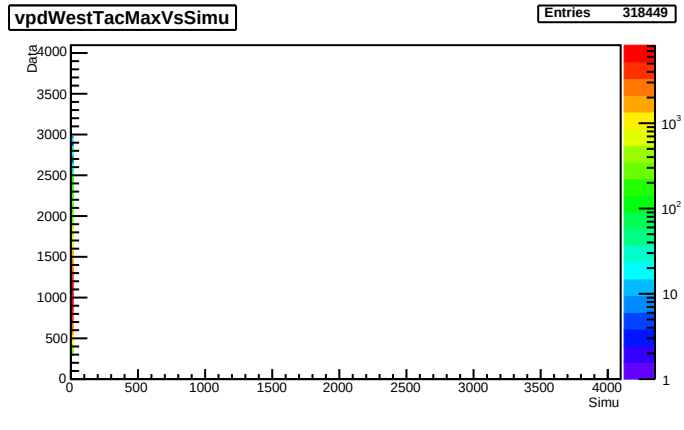

vpdEastTacMax
Entries 404843

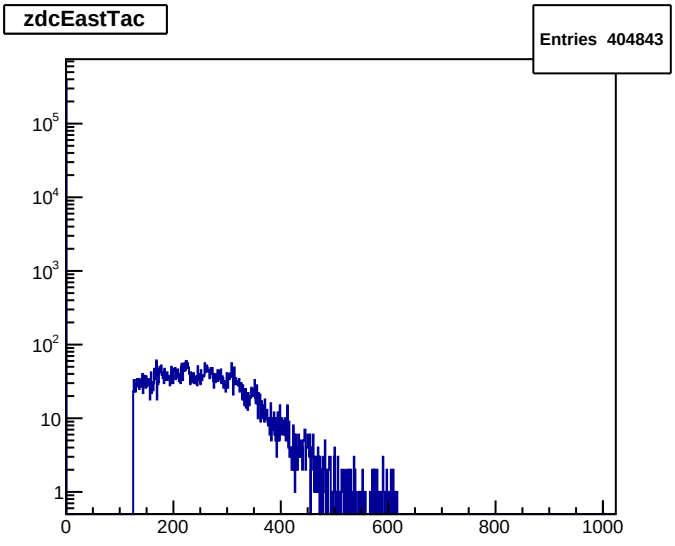

vpdEastTacMaxVsSimu
Entries 220467
Data
Simu

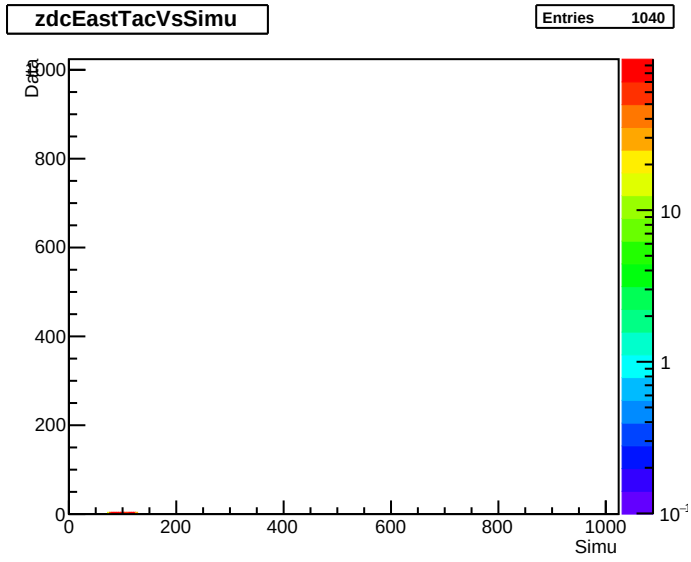

vpdWestAdcSum
Entries 404843

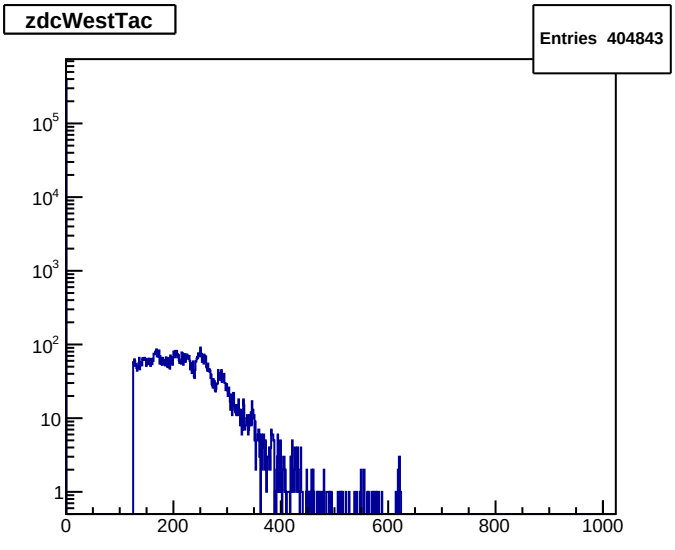

vpdWestAdcSumVsSimu
Entries 318449
Data
Simu

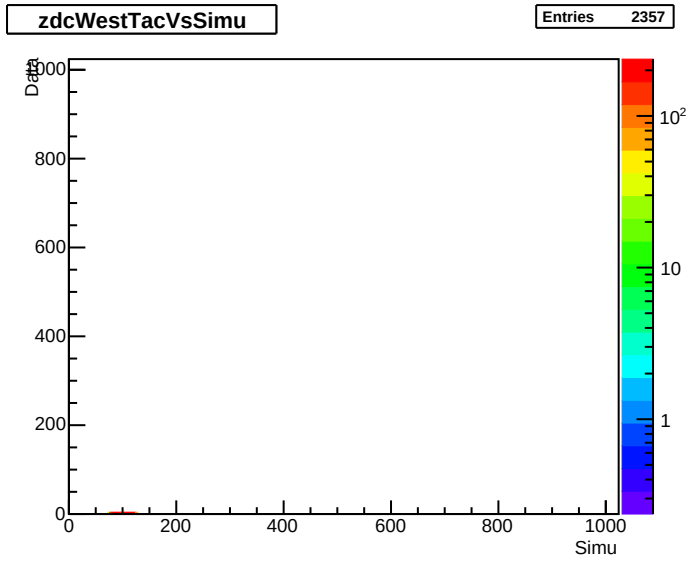

vpdWestTacMax
Entries 404843

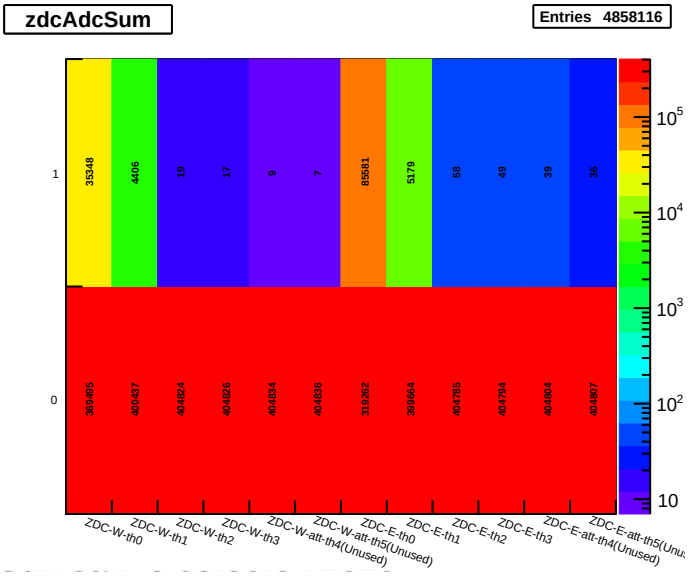

vpdWestTacMaxVsSimu
Entries 318449
Data
Simu

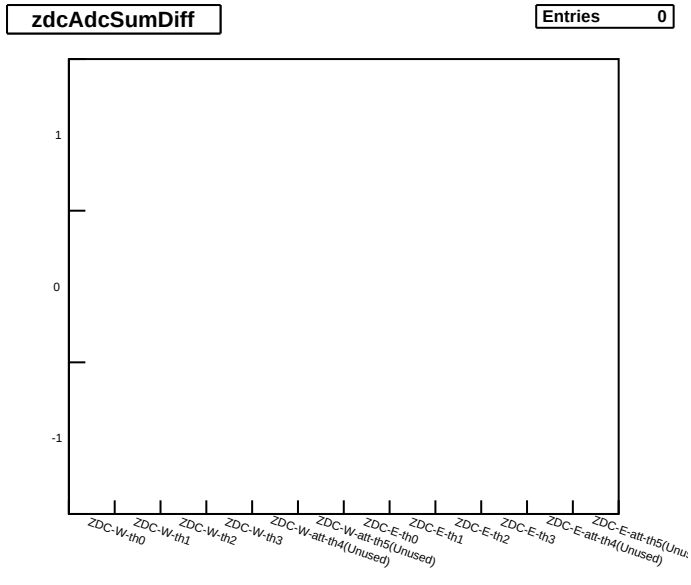

zdcEastTac
Entries 404843

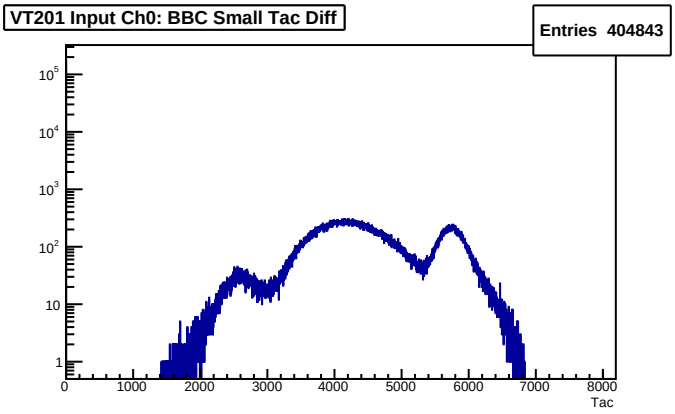

zdcEastTacVsSimu
Entries 1040
Data
Simu

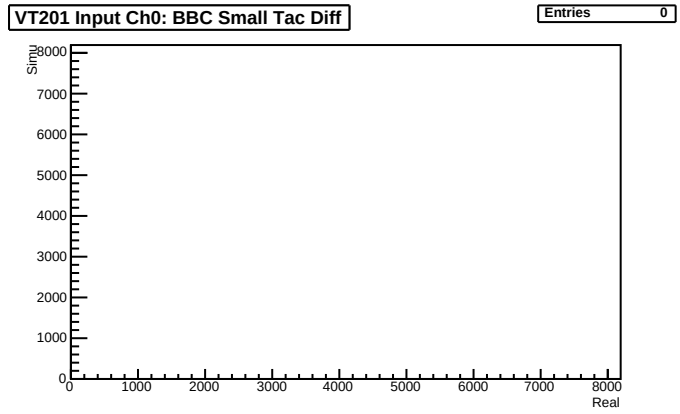

zdcWestTac
Entries 404843

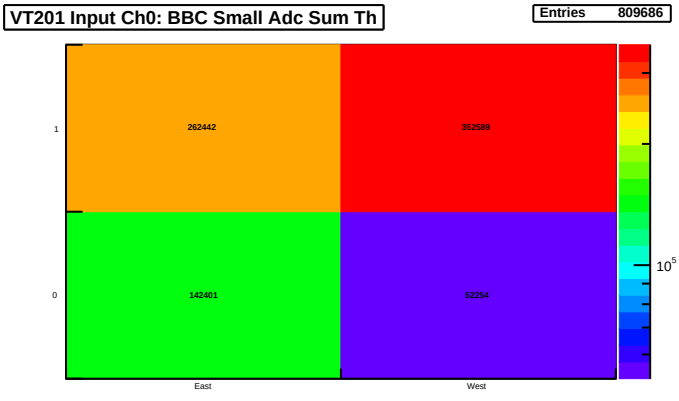

zdcWestTacVsSimu
Entries 2357
Data
Simu

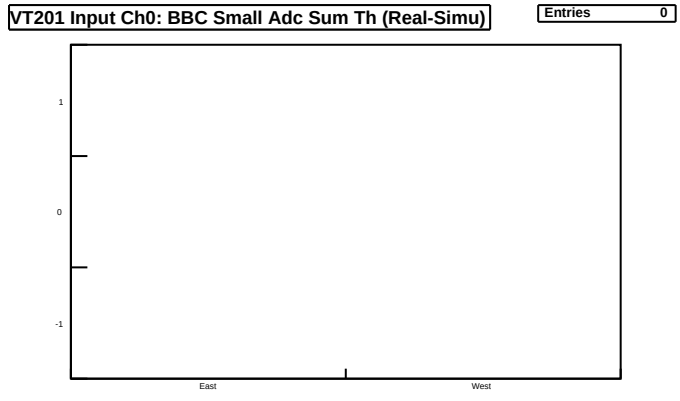

zdcAdcSum
Entries 4858116
35348
4406
19
17
9
7
85581
5179
58
49
39
36
369495
400437
404824
404826
404834
404836
319262
399664
404785
404794
404804
404807
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

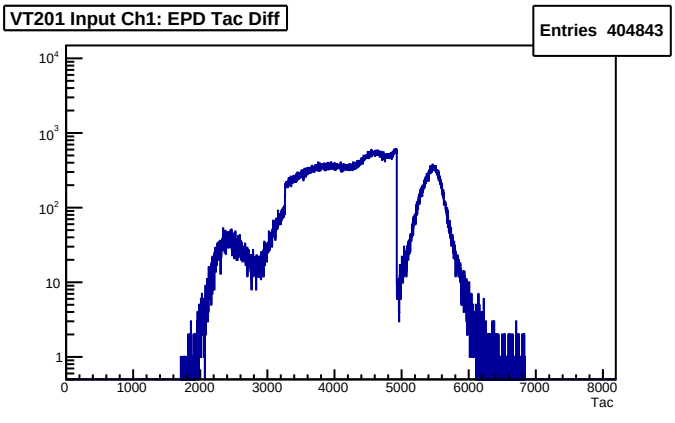

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

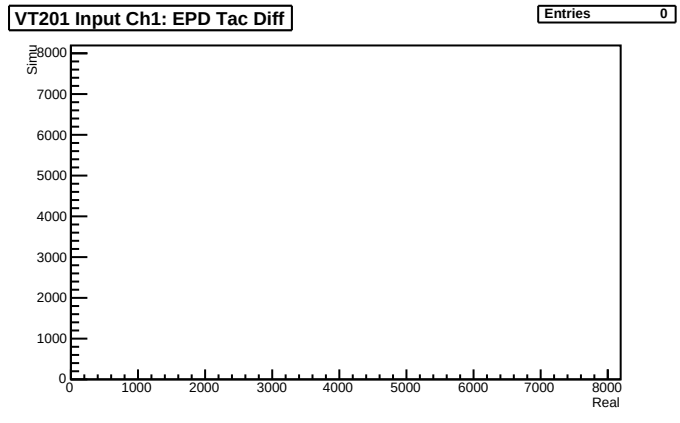

VT201 Input Ch0: BBC Small Tac Diff
Entries 404843
Tac

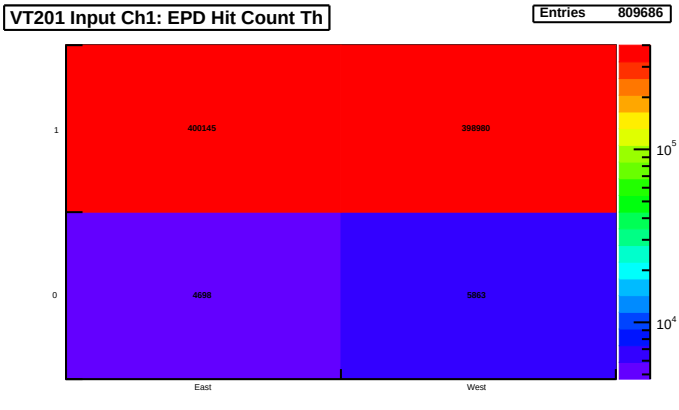

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

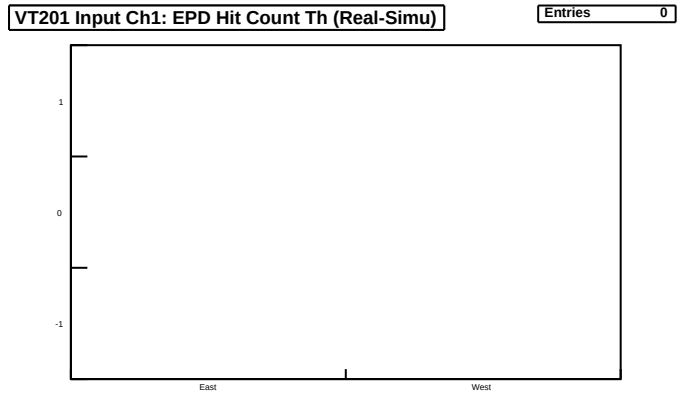

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 809686
262442
352589
142401
52254
East
West

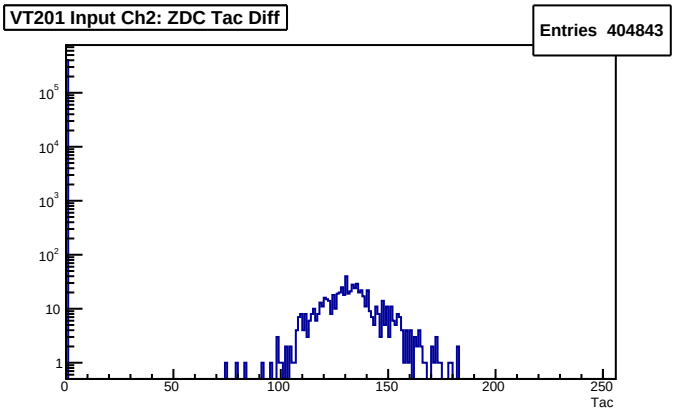

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

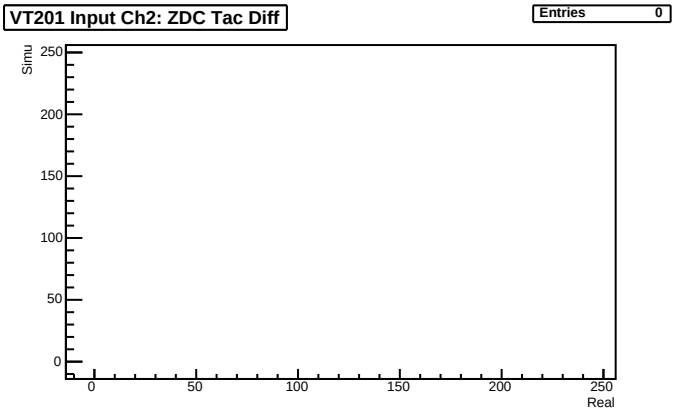

VT201 Input Ch1: EPD Tac Diff
Entries 404843
Tac

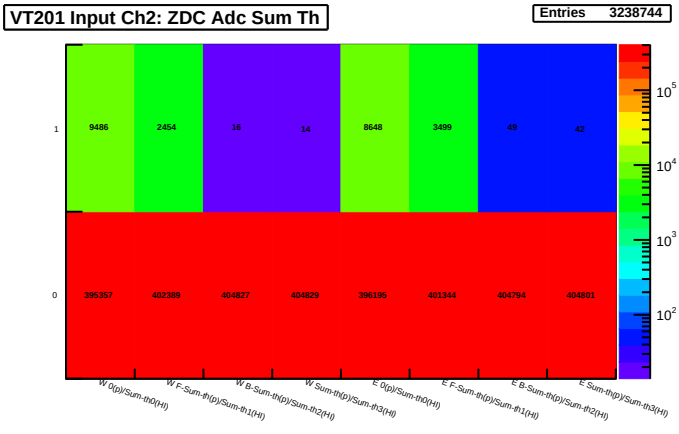

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

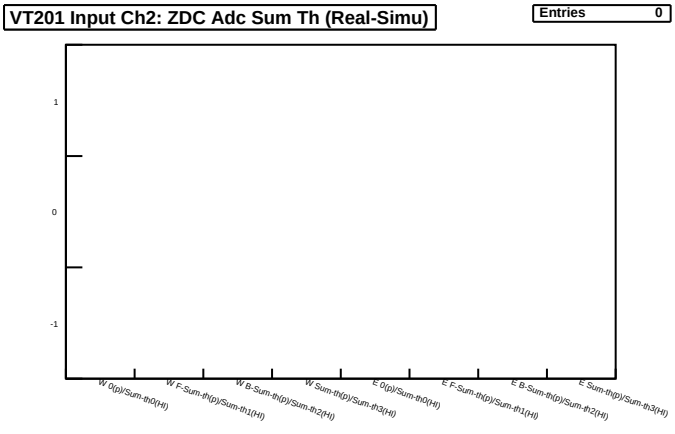

VT201 Input Ch1: EPD Hit Count Th
Entries 809686
400145
399980
4698
5863
East
West

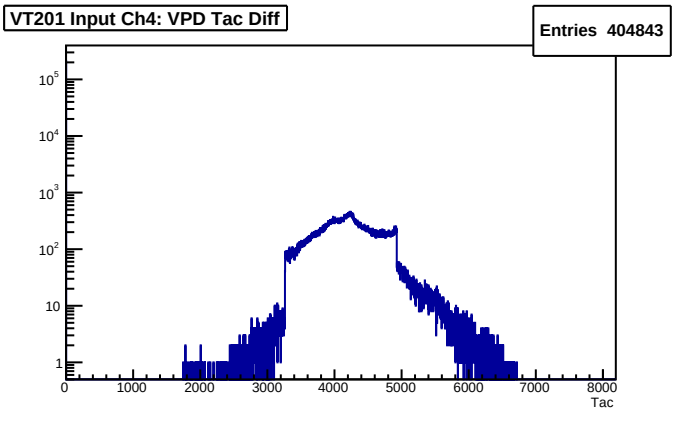

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

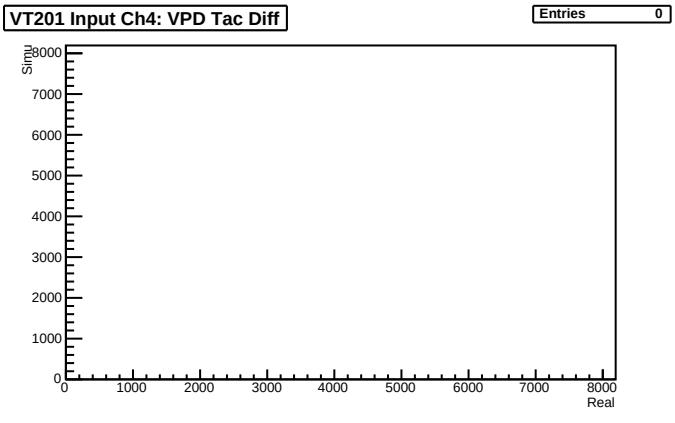

VT201 Input Ch2: ZDC Tac Diff
Entries 404843
Tac

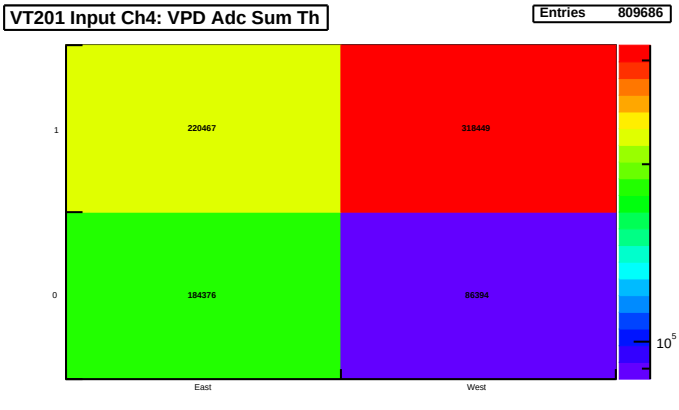

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

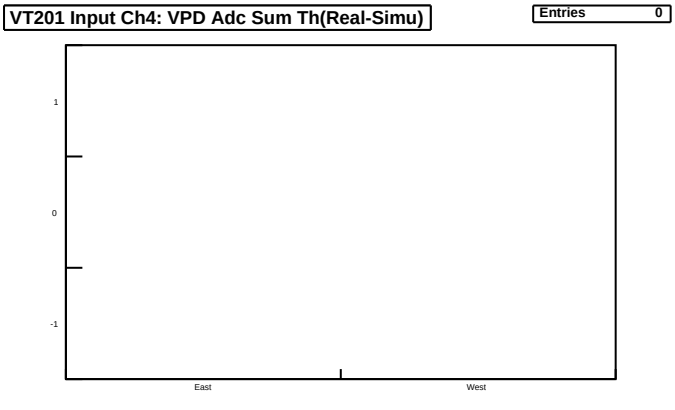

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3238744
9486
2454
16
14
8648
3499
49
42
395357
402389
404827
404829
396195
401344
404794
404801
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

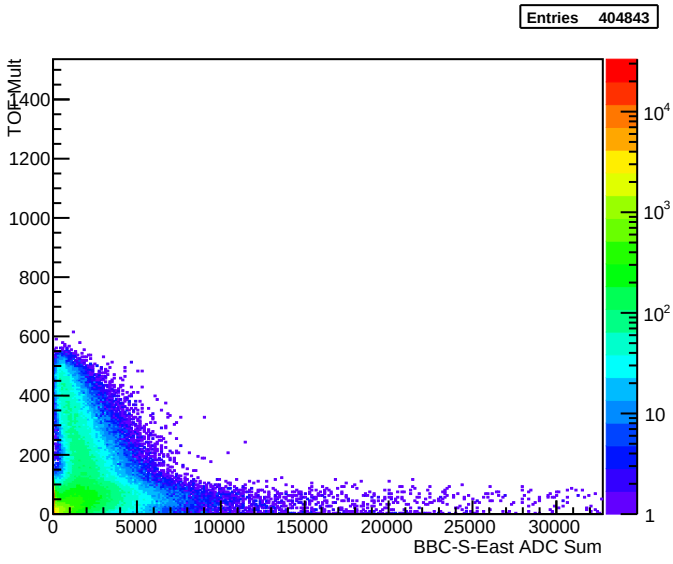

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

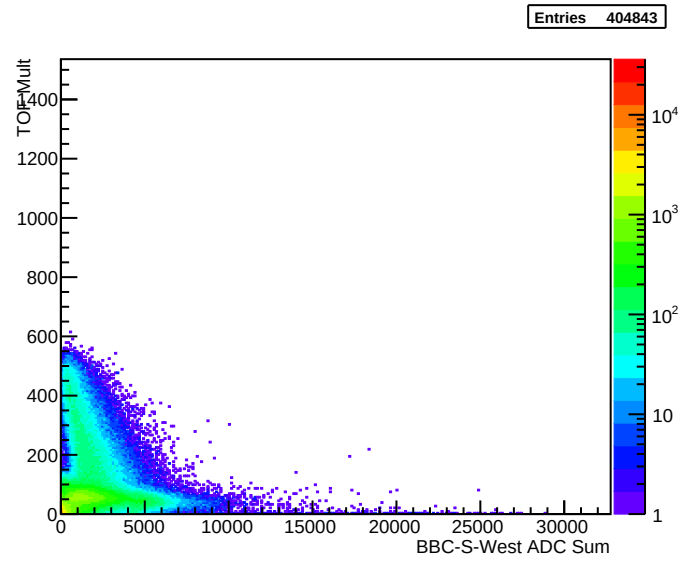

VT201 Input Ch4: VPD Tac Diff
Entries 404843
Tac

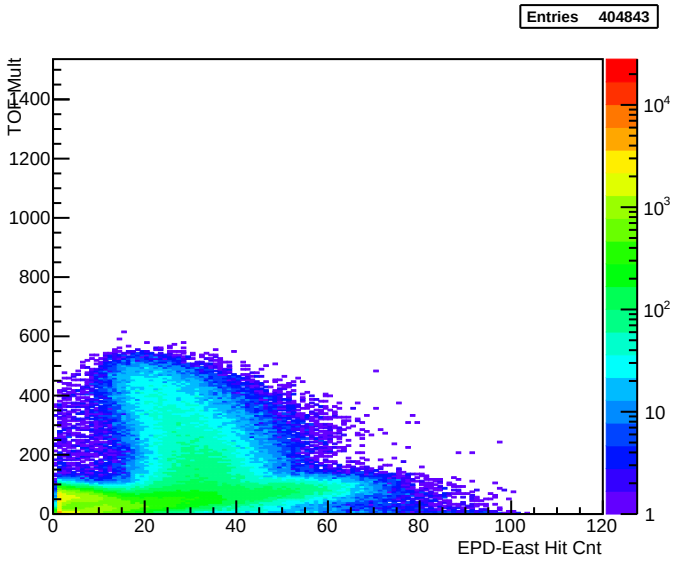

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

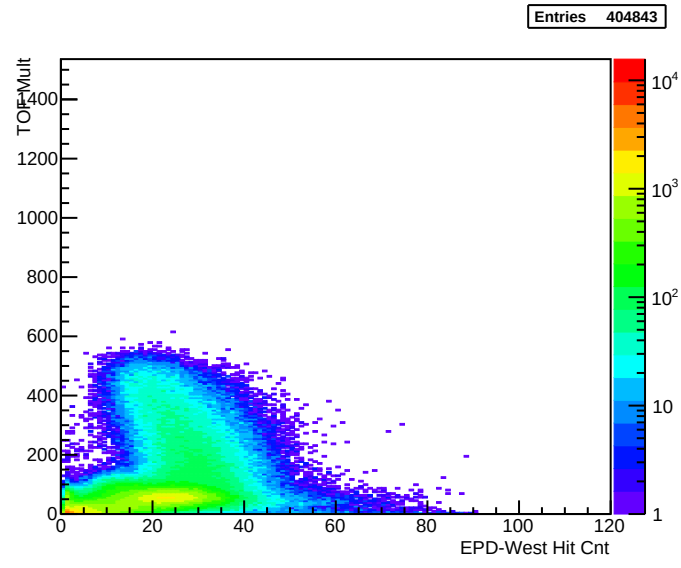

VT201 Input Ch4: VPD Adc Sum Th
Entries 809686
220467
318449
184376
86394
East
West

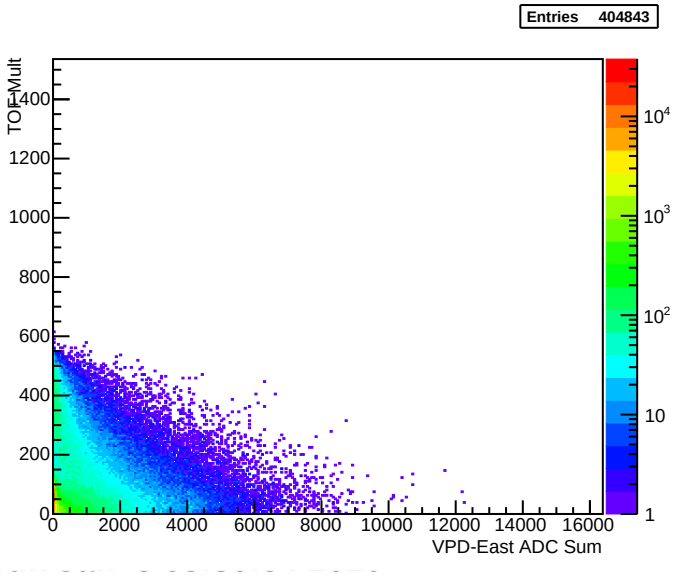

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

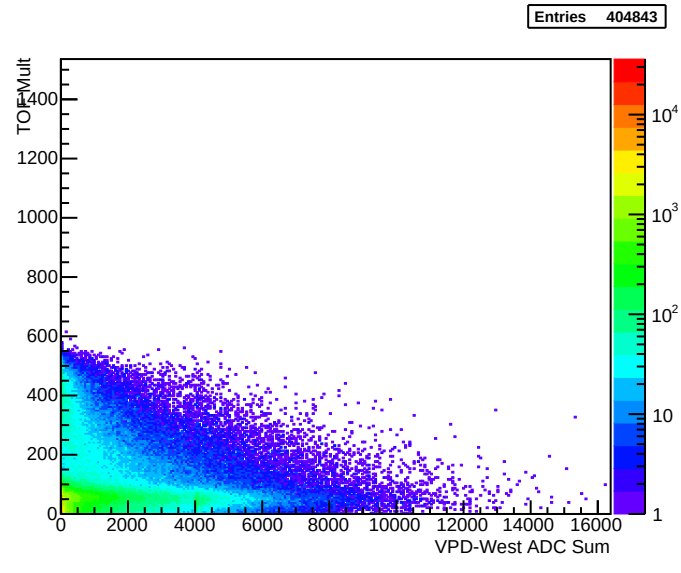

Entries 404843
TOF-Mult
BBC-S-East ADC Sum

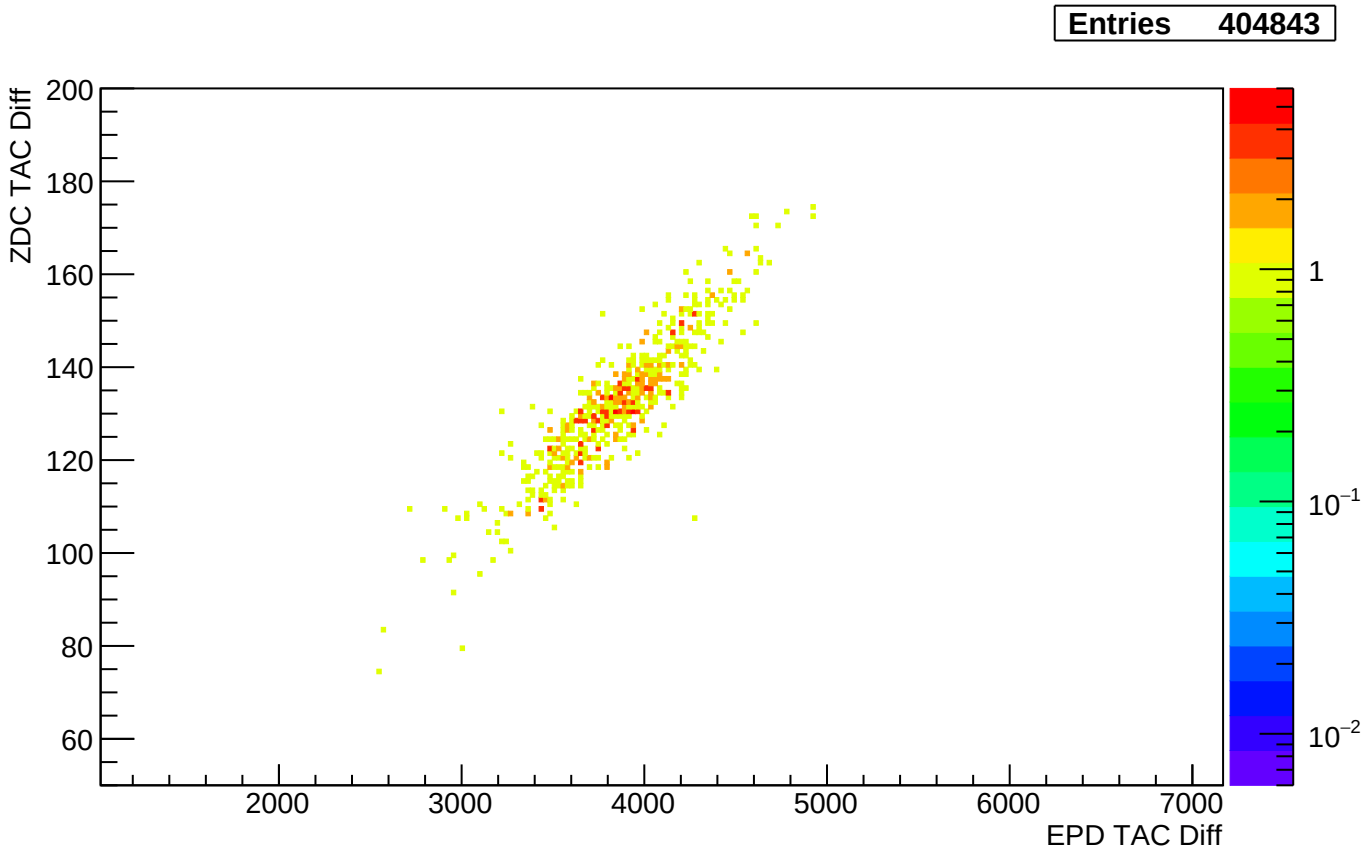

Entries 404843
TOF-Mult
BBC-S-West ADC Sum

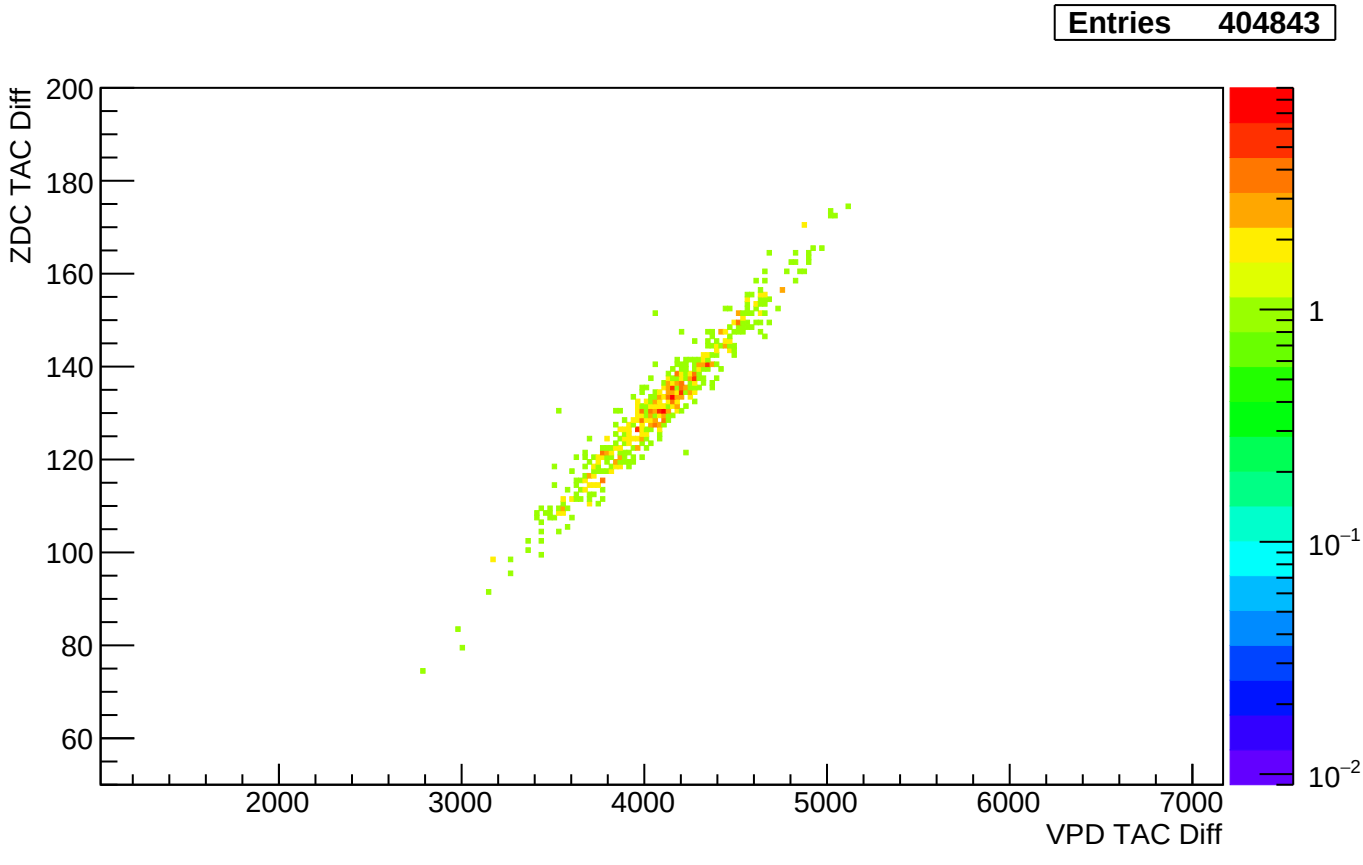

Entries 404843
TOF-Mult
EPD-East Hit Cnt

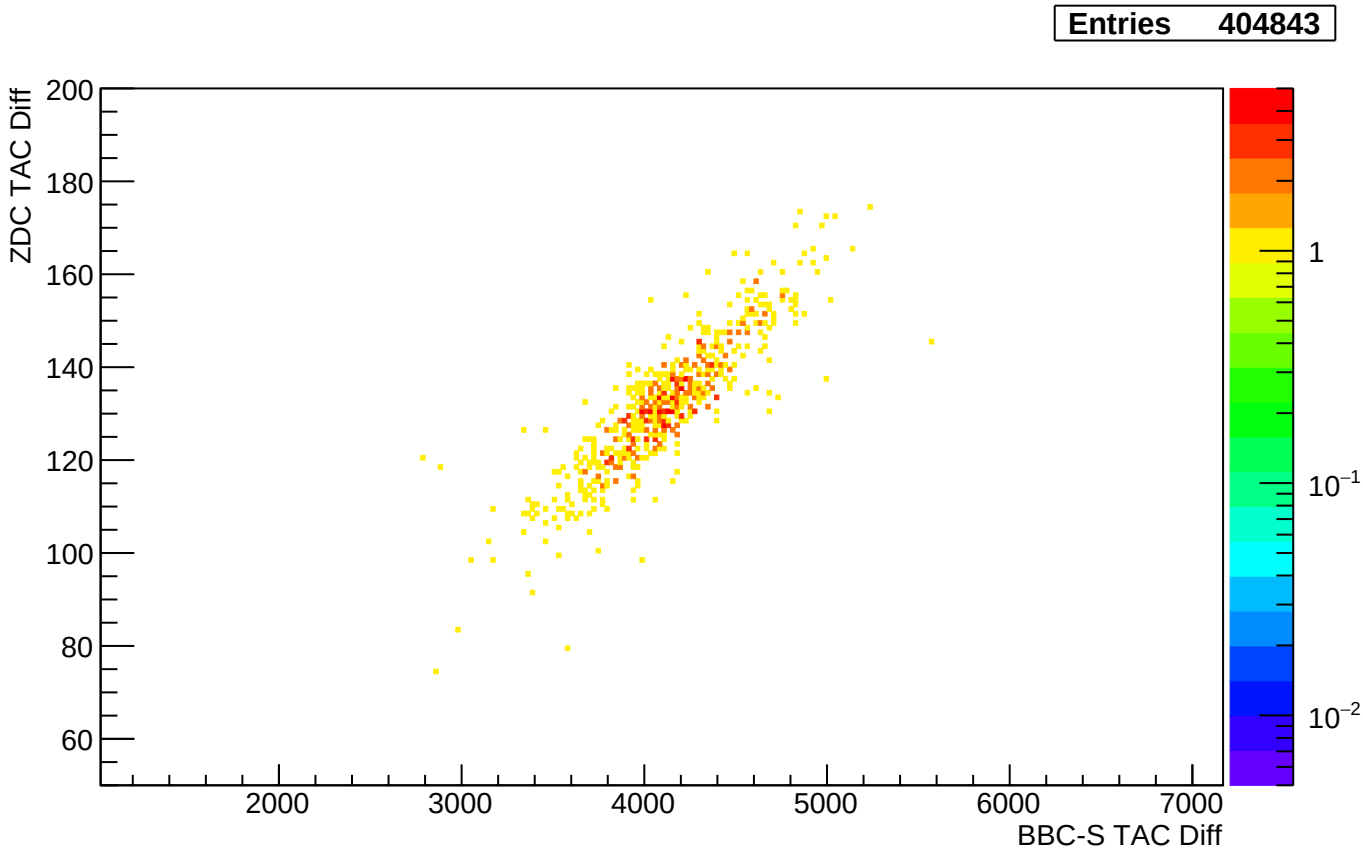

Entries 404843
TOF-Mult
EPD-West Hit Cnt

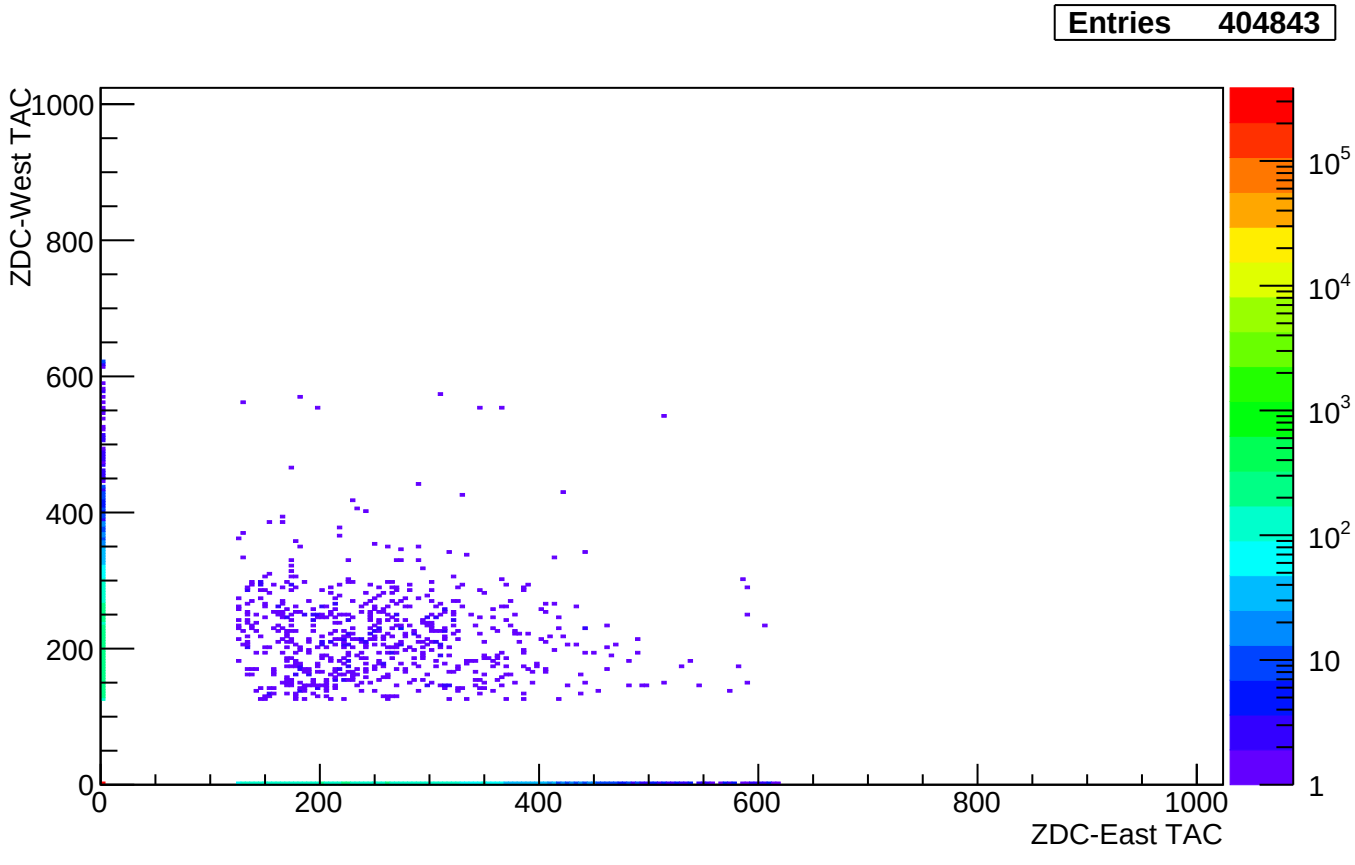

Entries 404843
TOF-Mult
VPD-East ADC Sum

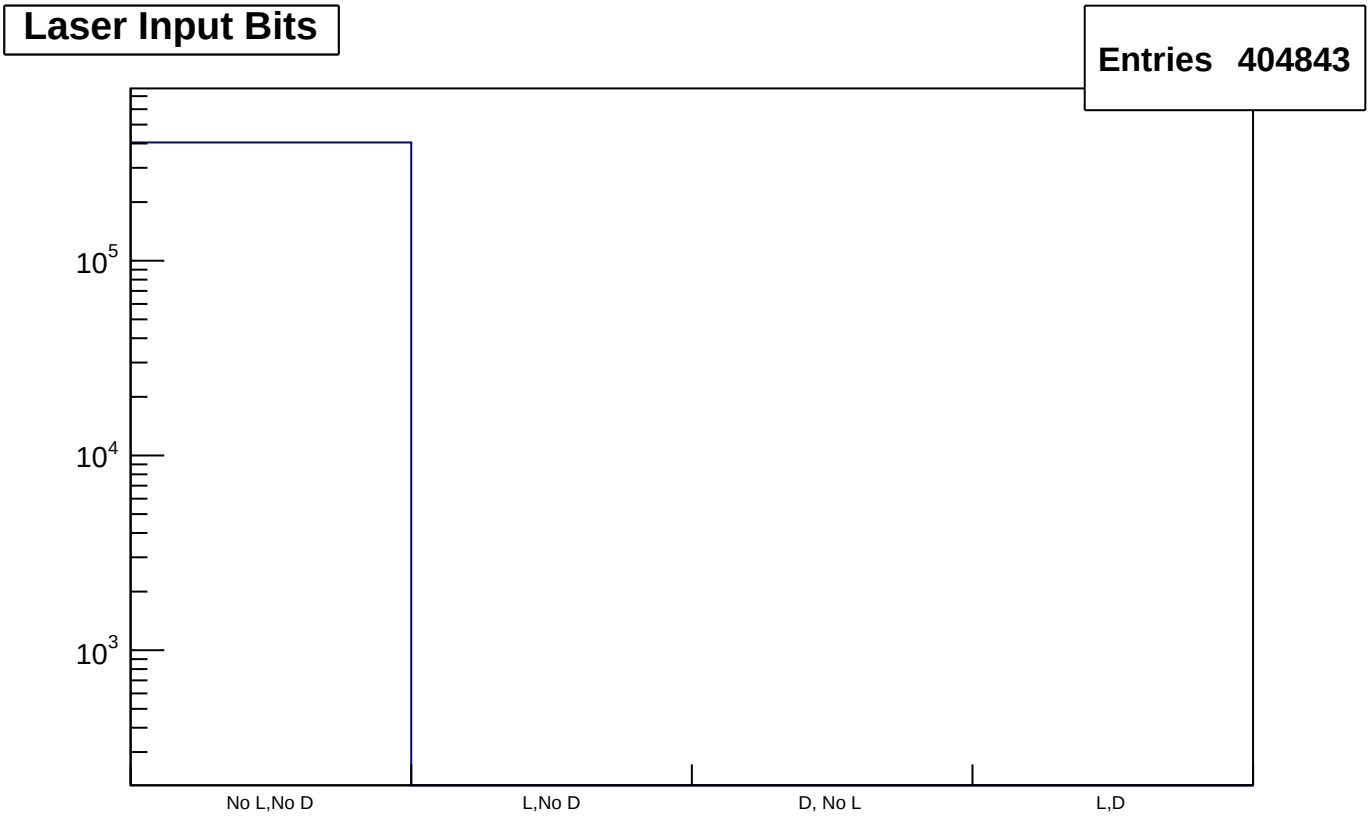

Entries 404843
TOF-Mult
VPD-West ADC Sum

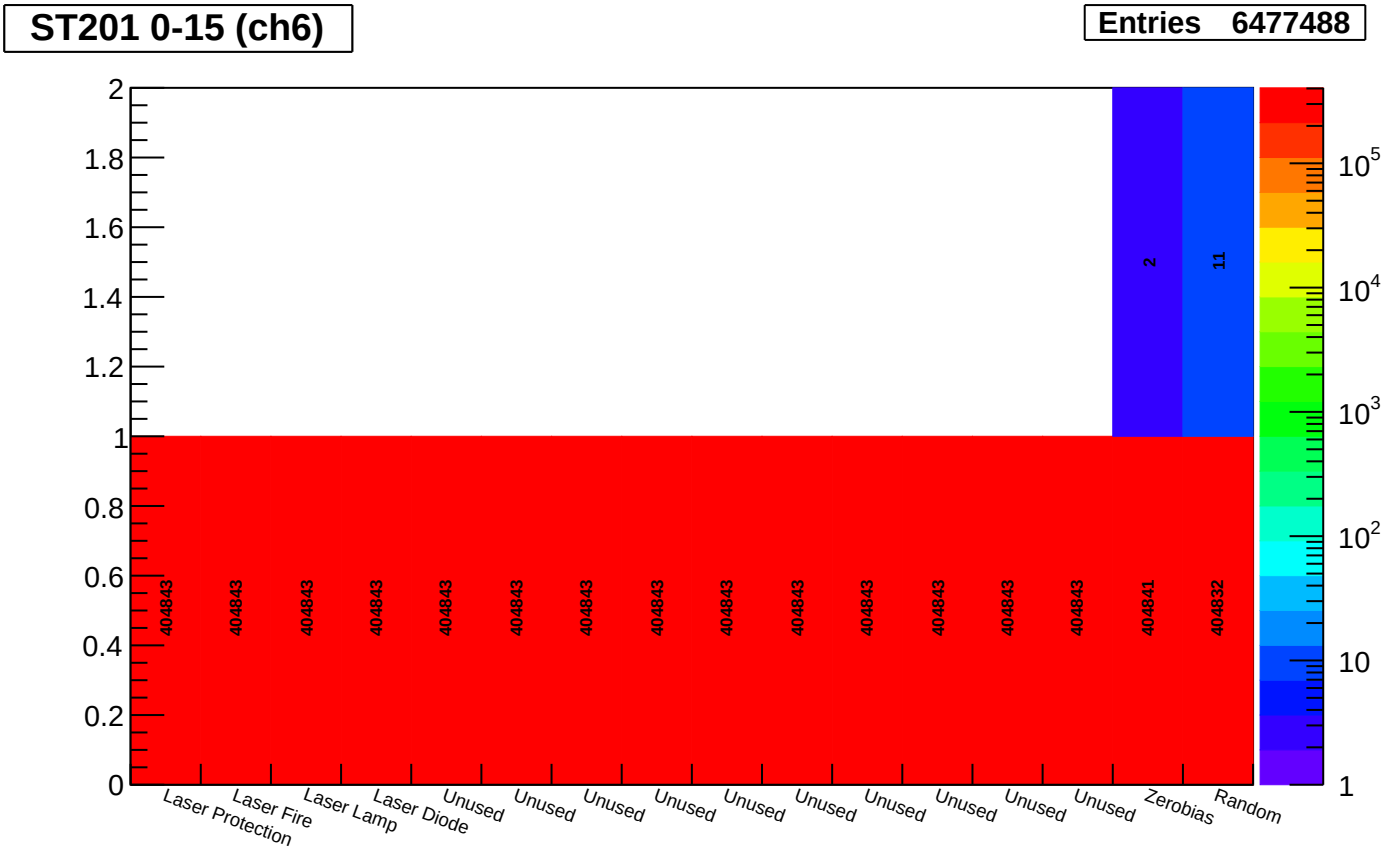

Entries 404843
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

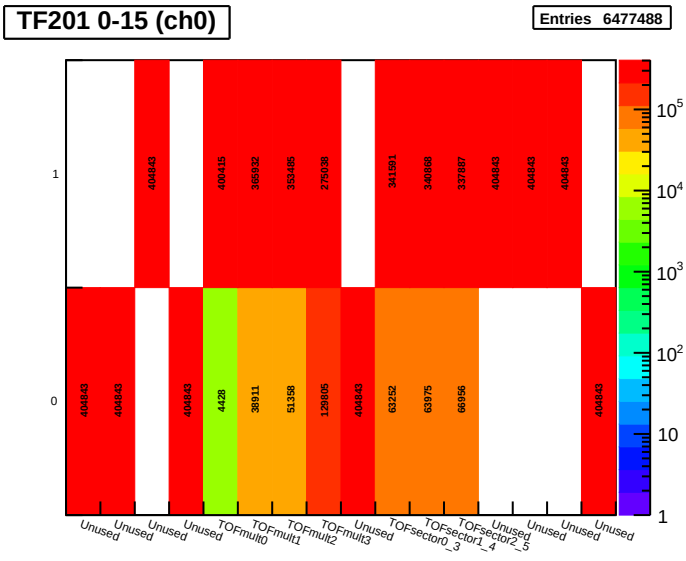

Entries 404843
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

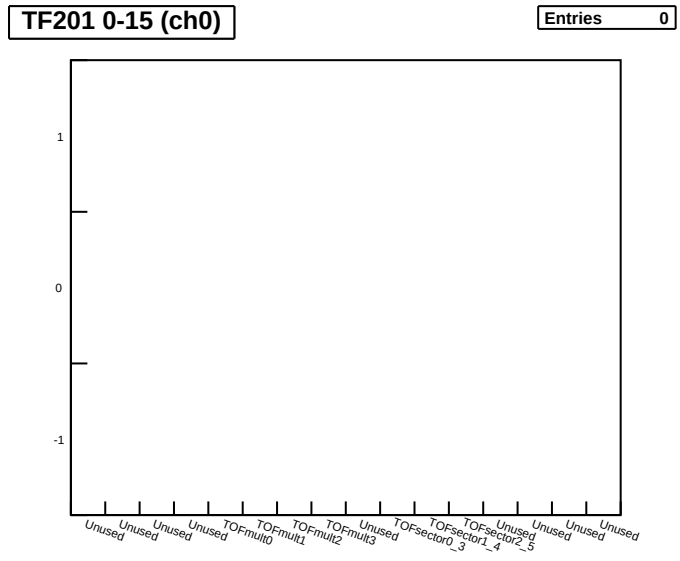

Entries 404843
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

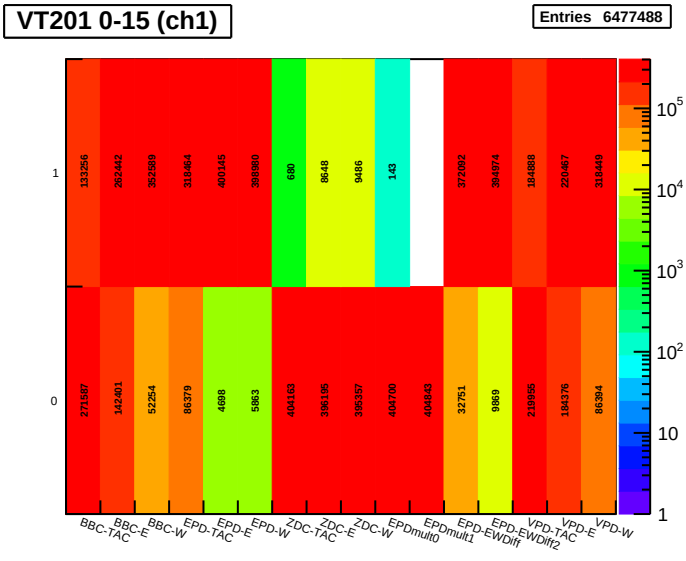

Entries 404843
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

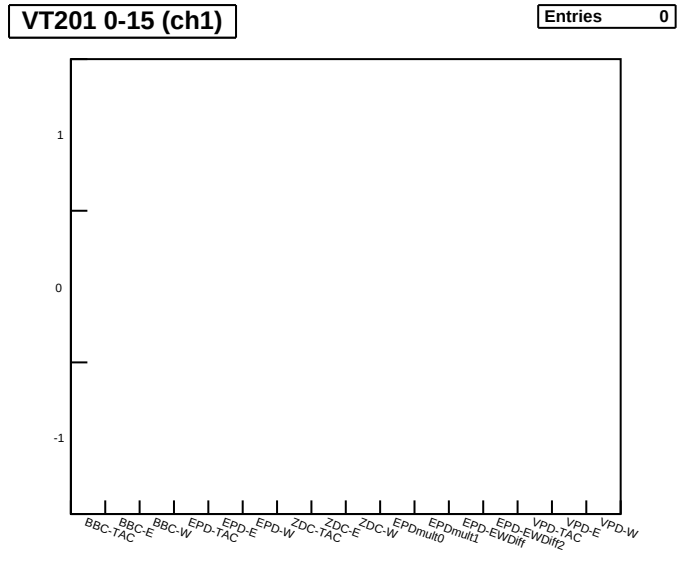

Laser Input Bits
Entries 404843
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

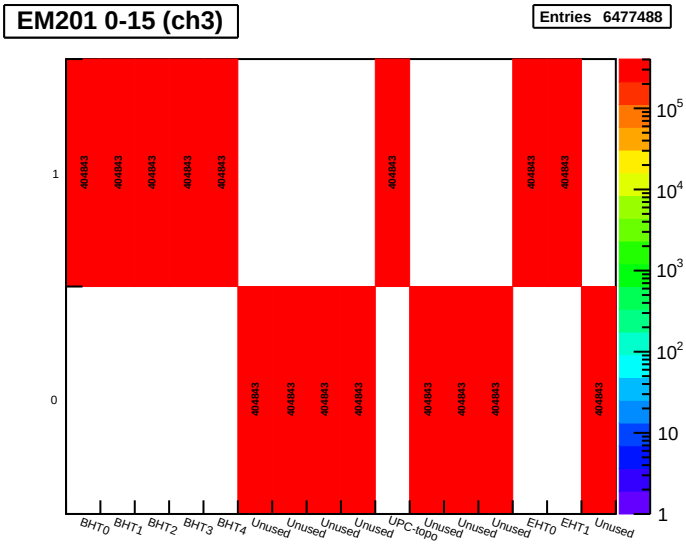

ST201 0-15 (ch6)
Entries 6477488
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
404843
404843
404843
404843
404843
404843
404843
404843
404843
404843
404843
404843
404843
404843
404841
404832
2
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

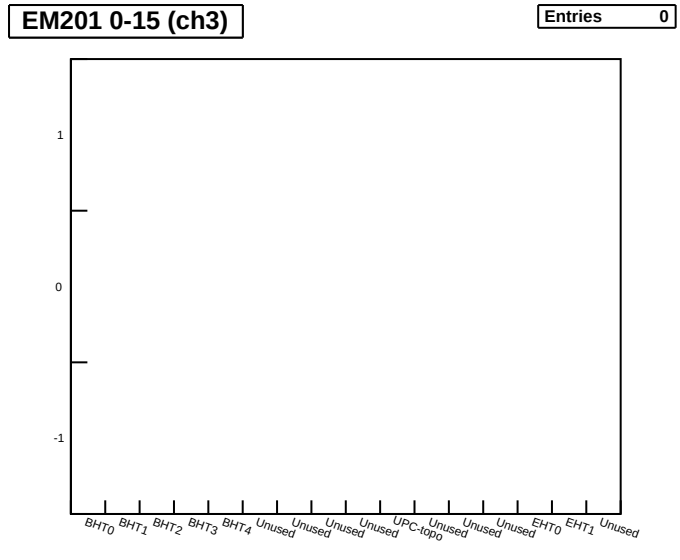

TF201 0-15 (ch0)
Entries 6477488
1
0
404843 404843 404843 404843 400415 365932 353485 275038 341591 340868 337887 404843 404843 404843
404843 404843 404843 4428 38911 51358 129805 404843 63252 63975 66956 404843
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 6477488
1
0
133256 262442 352589 318464 400145 398980 680 8648 9486 143 372092 394974 184388 220467 318449
271587 142401 52254 86379 4698 5863 404163 398195 395357 404700 404843 32751 9869 219955 184376 86394
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 6477488
1
0
404843 404843 404843 404843 404843 404843 404843 404843
404843 404843 404843 404843 404843 404843 404843 404843
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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