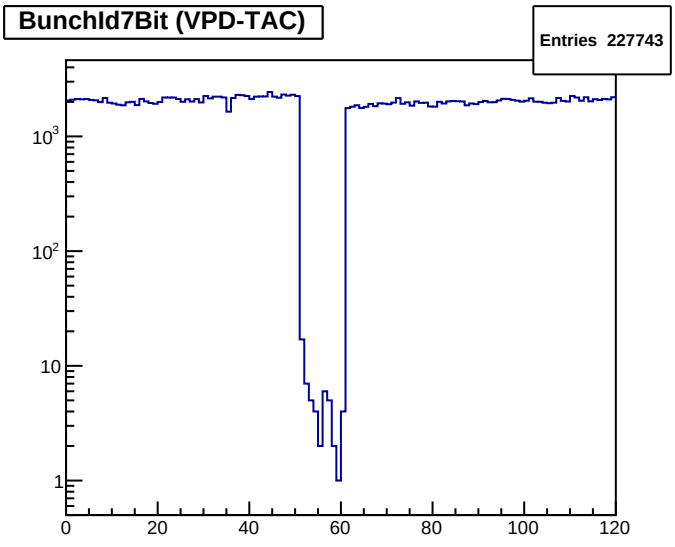
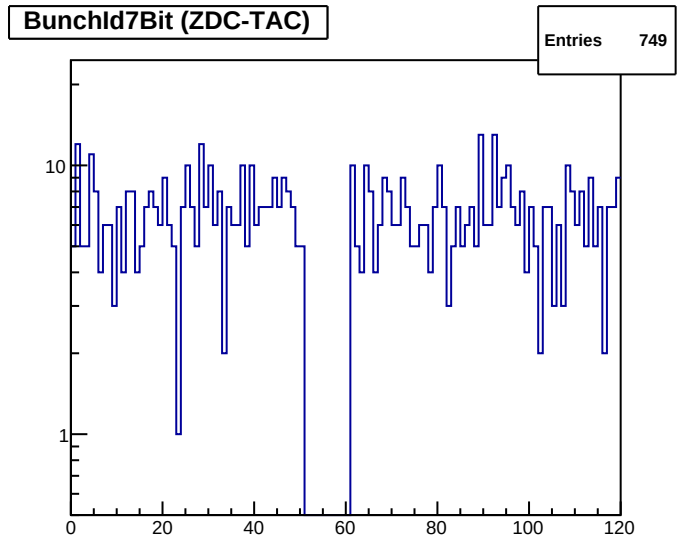
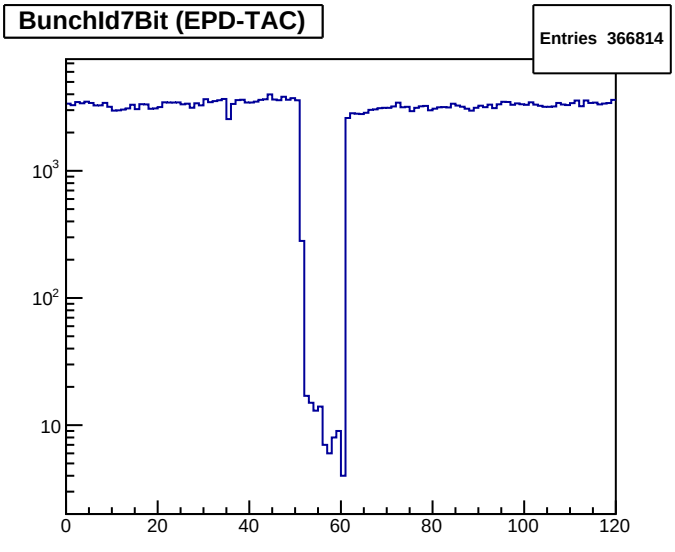
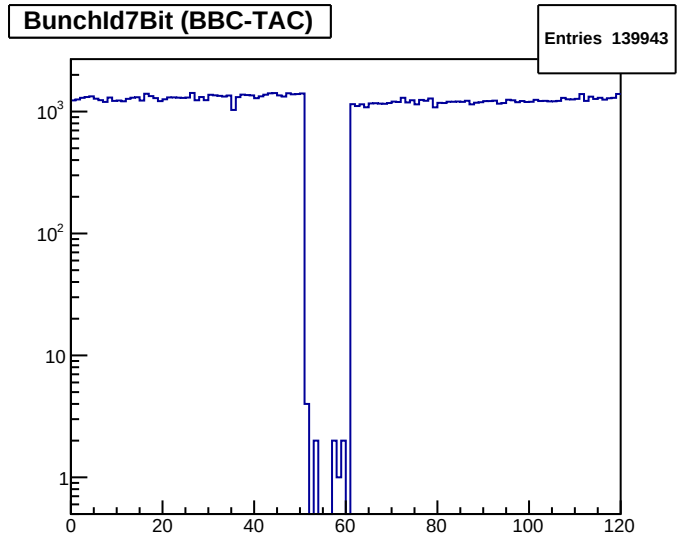
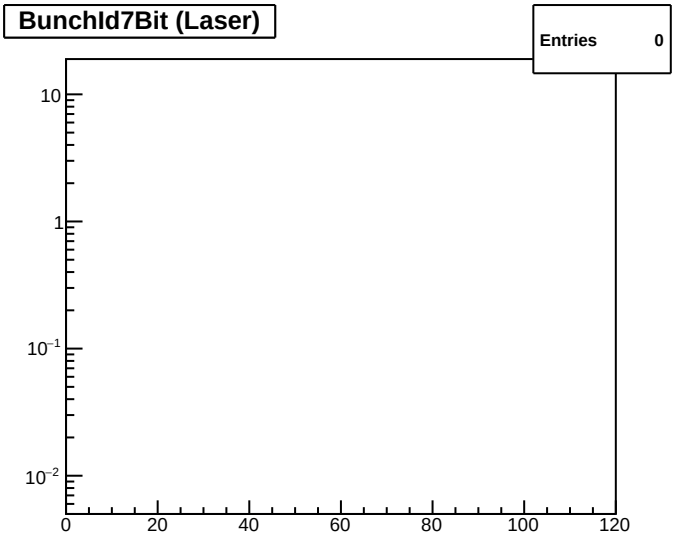
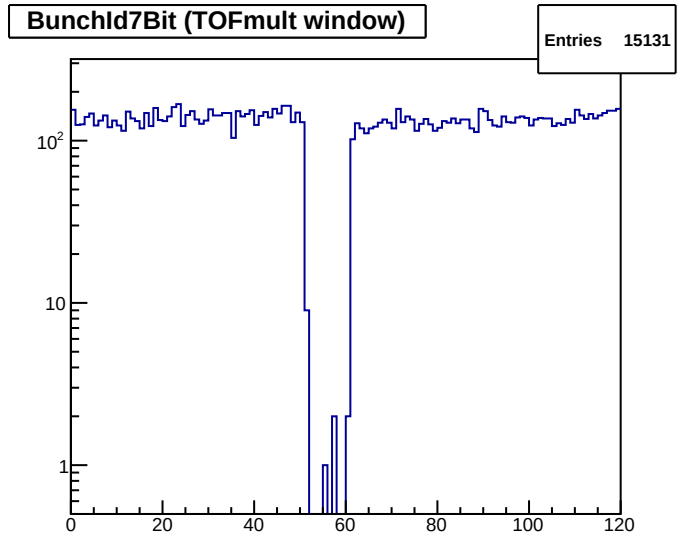

BunchId7Bit (VPD-TAC)
Entries 227743

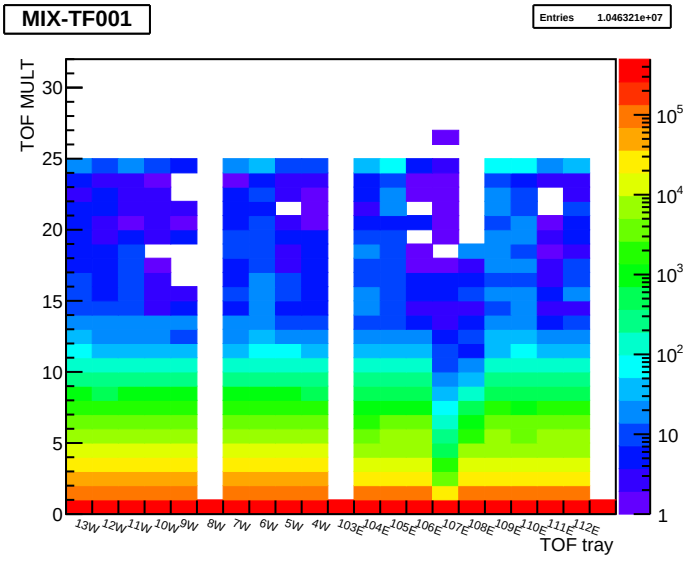

BunchId7Bit (ZDC-TAC)
Entries 749

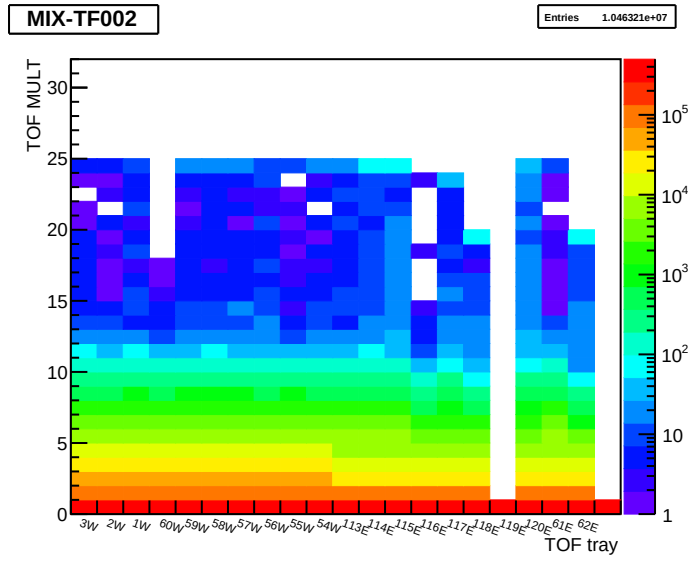

BunchId7Bit (EPD-TAC)
Entries 366814

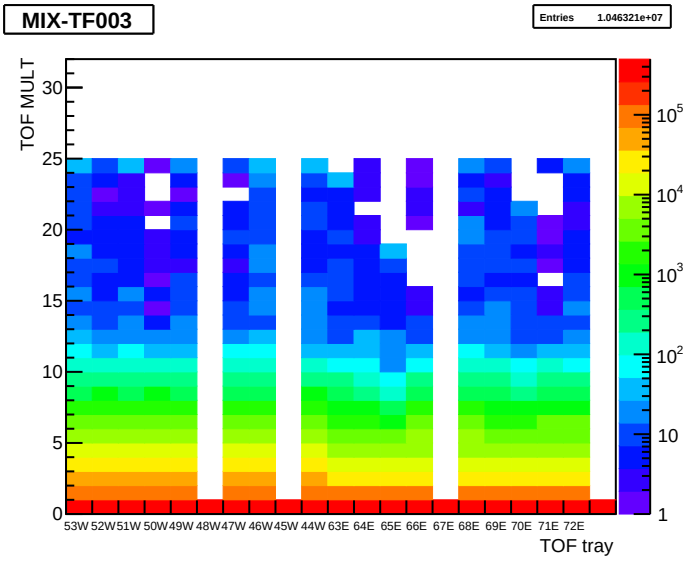

BunchId7Bit (BBC-TAC)
Entries 139943

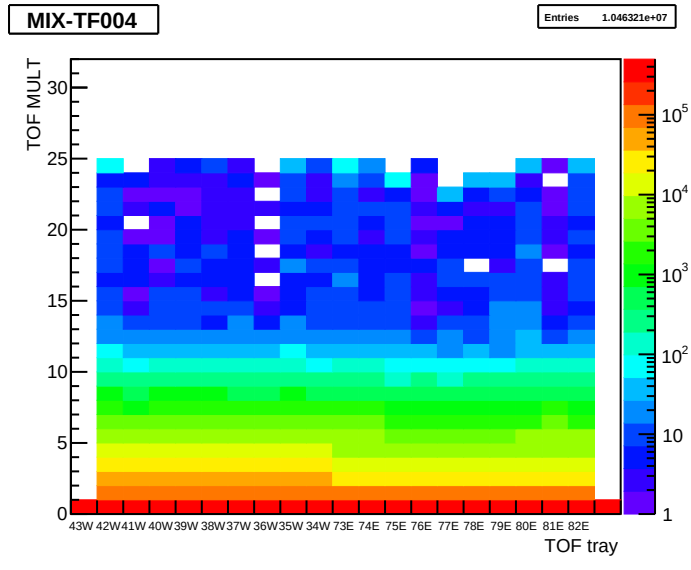

BunchId7Bit (Laser)
Entries 0

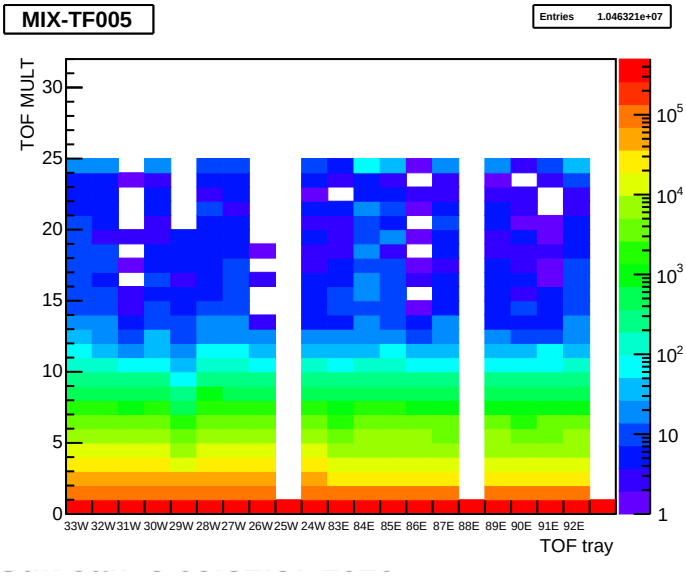

BunchId7Bit (TOFmult window)
Entries 15131

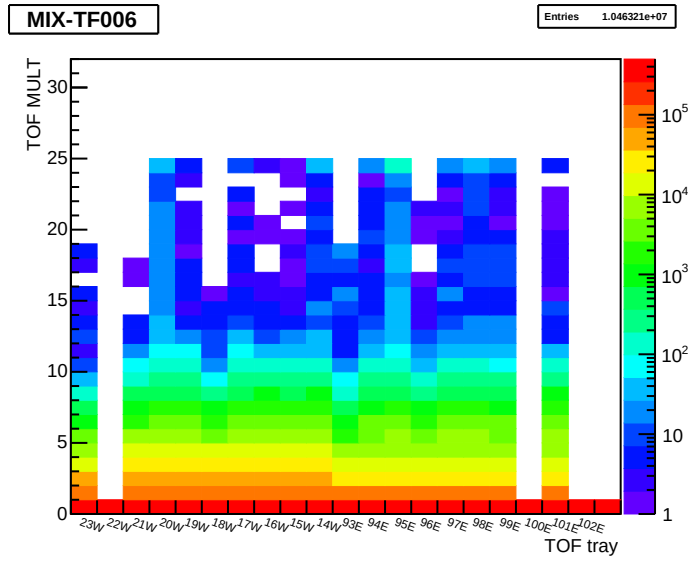

MIX-TF001
Entries 1.046321e+07
TOF MULT
TOF tray

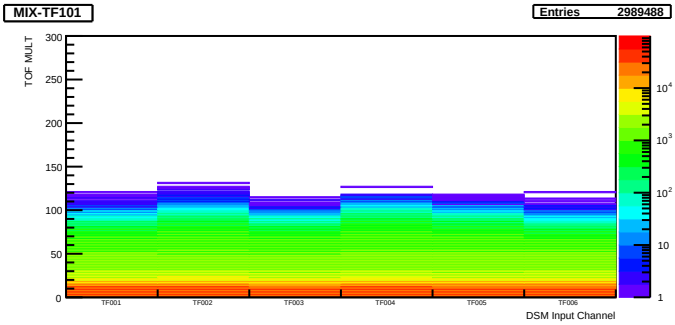

MIX-TF002
Entries 1.046321e+07
TOF MULT
TOF tray

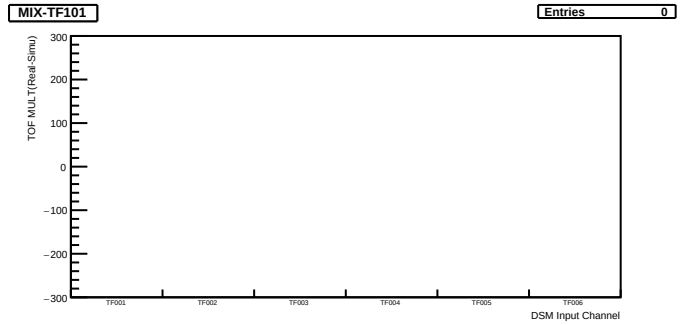

MIX-TF003
Entries 1.046321e+07
TOF MULT
TOF tray

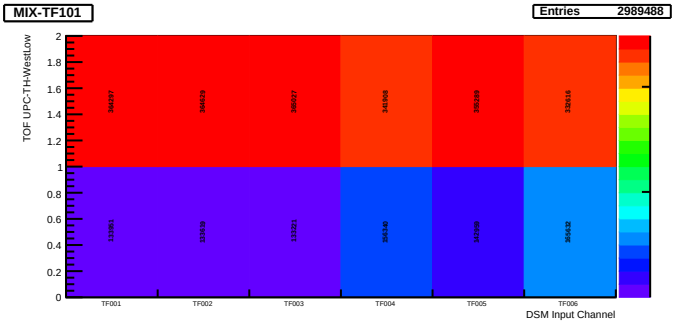

MIX-TF004
Entries 1.046321e+07
TOF MULT
TOF tray

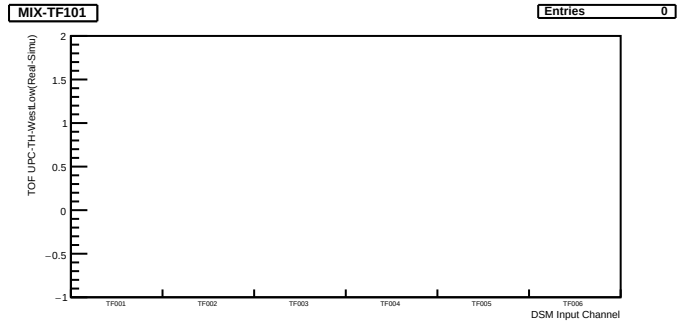

MIX-TF005
Entries 1.046321e+07
TOF MULT
TOF tray

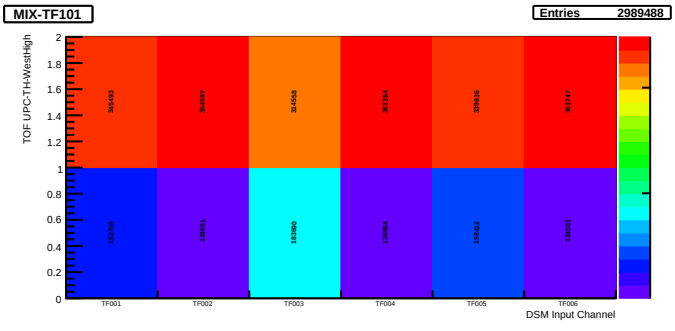

MIX-TF006
Entries 1.046321e+07
TOF MULT
TOF tray

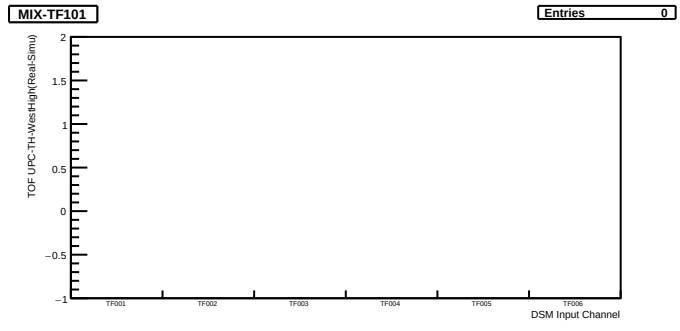

MIX-TF101
Entries 2989488
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

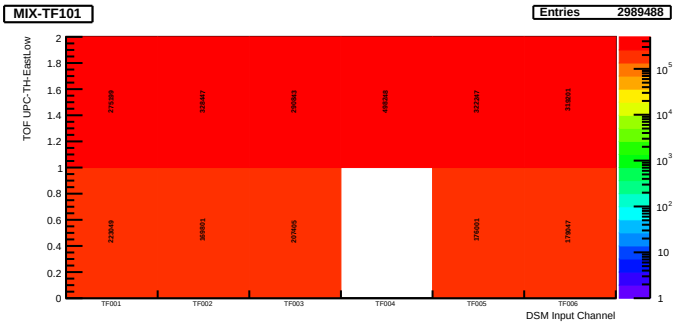

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

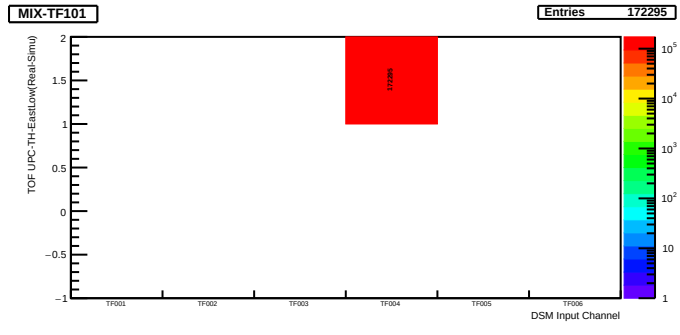

MIX-TF101
Entries 2989488
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

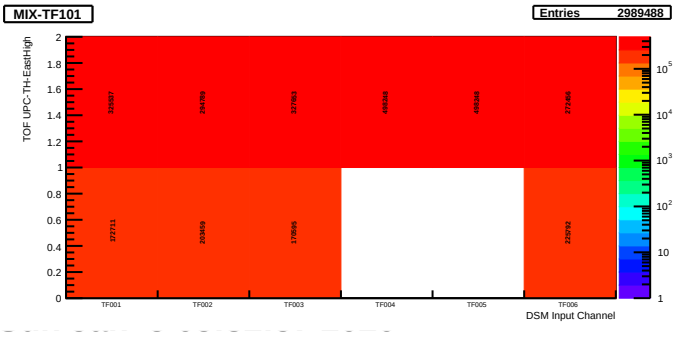

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

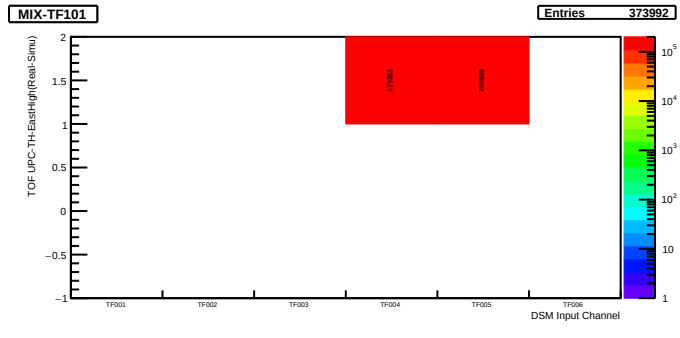

MIX-TF101
Entries 2989488
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

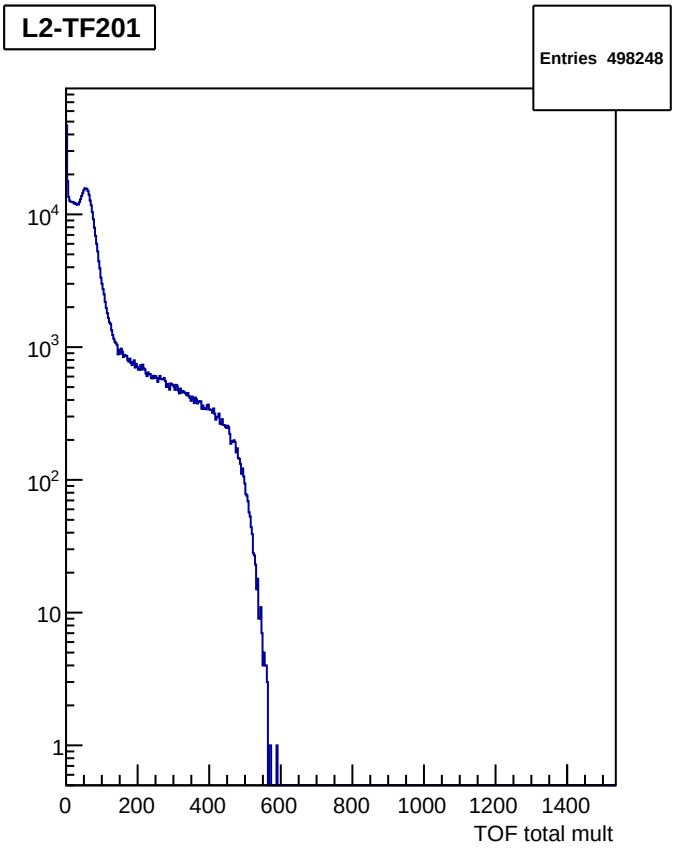

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

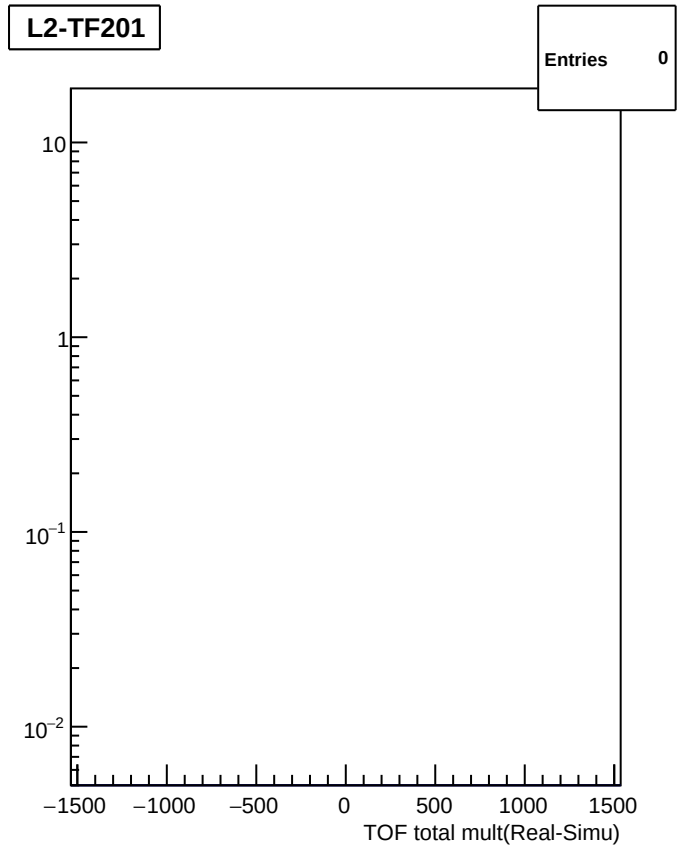

MIX-TF101
Entries 2989488
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

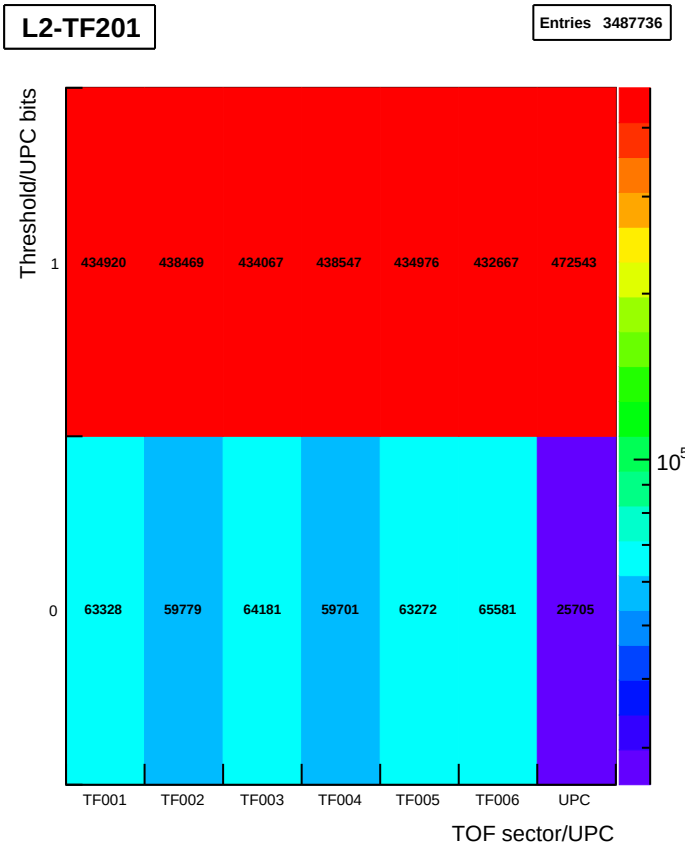

MIX-TF101
Entries 172295
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

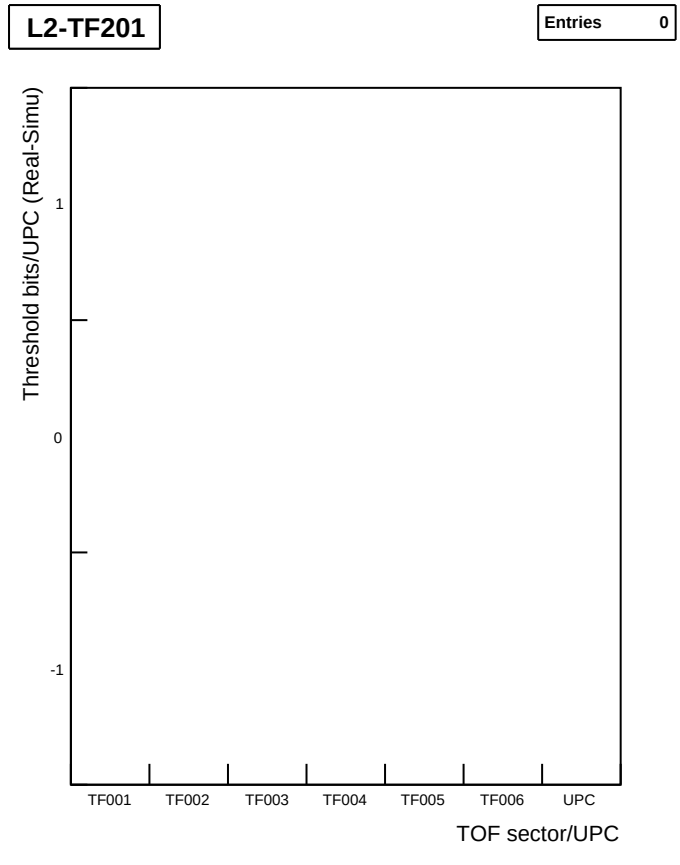

MIX-TF101
Entries 2989488
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

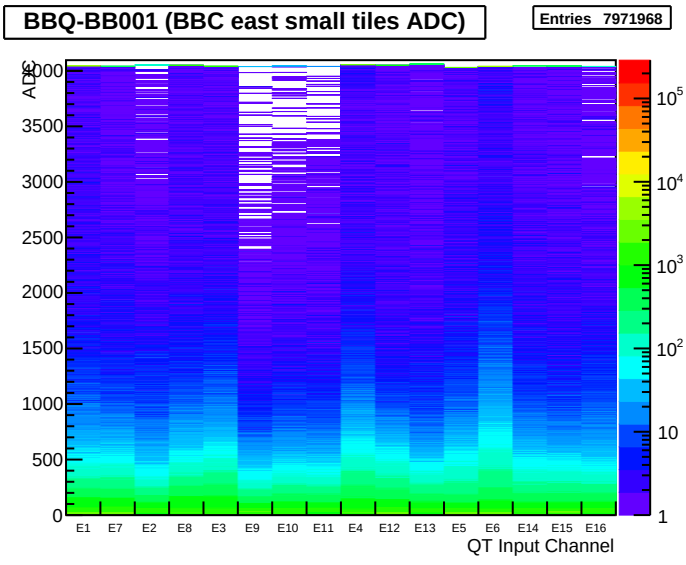

MIX-TF101
Entries 373992
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

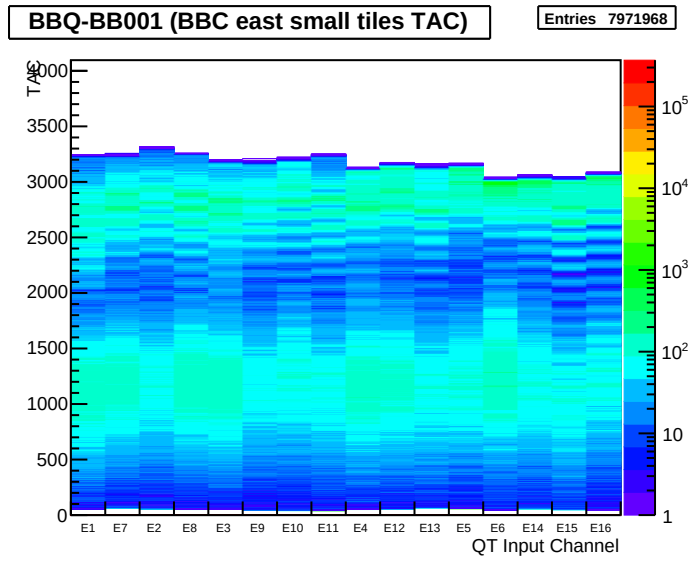

L2-TF201
Entries 498248
TOF total mult

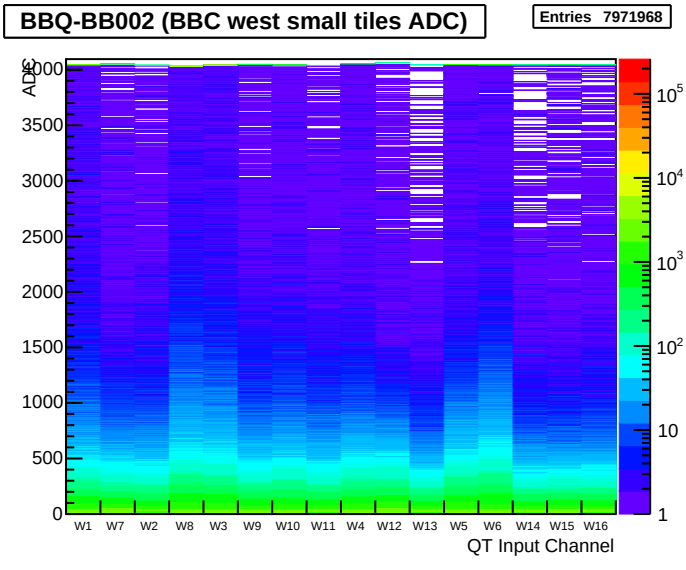

L2-TF201
Entries 0
TOF total mult(Real-Simu)

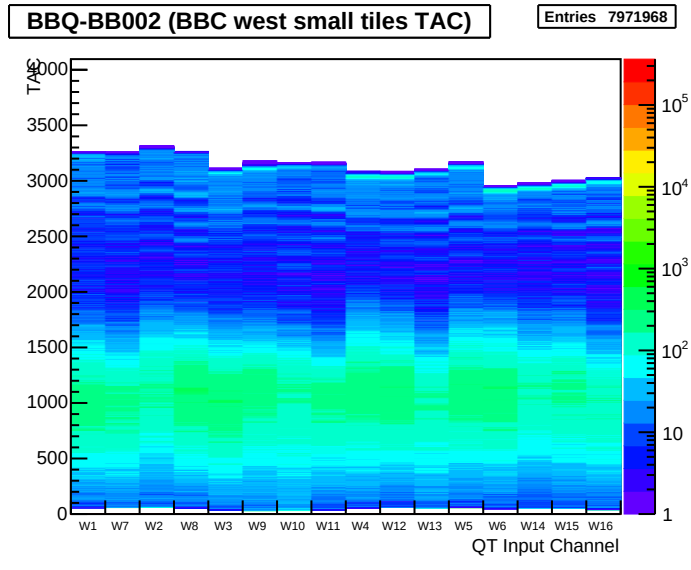

L2-TF201
Entries 3487736
Threshold/UPC bits
434920 438469 434067 438547 434976 432667 472543
63328 59779 64181 59701 63272 65581 25705
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

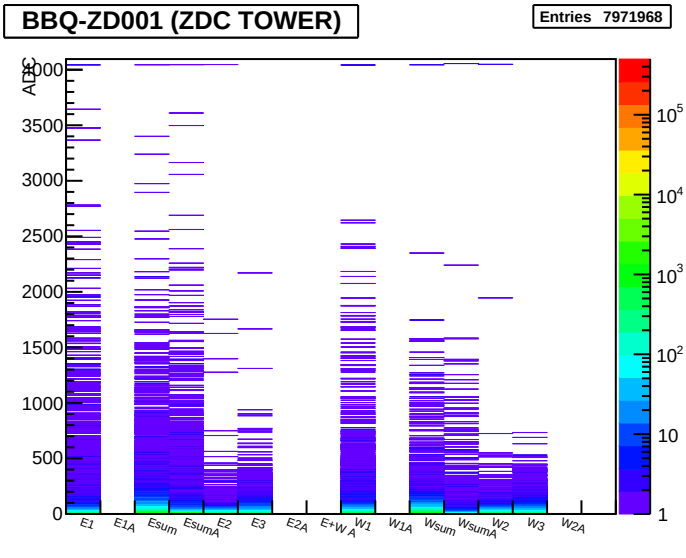

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

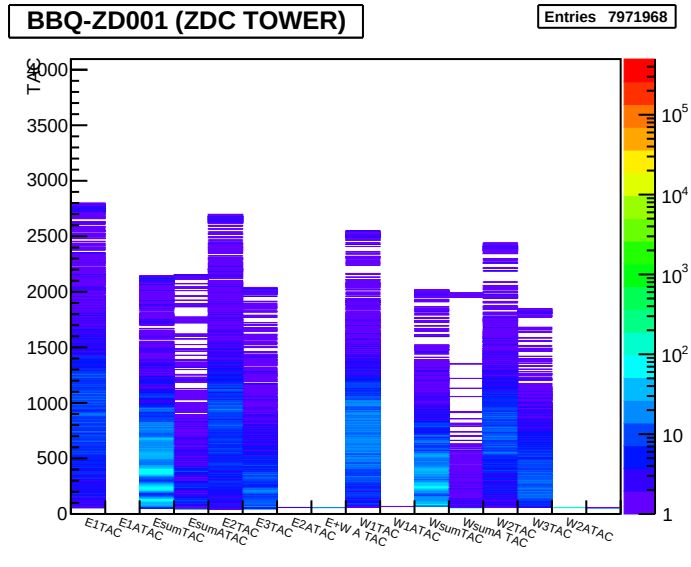

BBQ-BB001 (BBC east small tiles ADC)
Entries 7971968
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

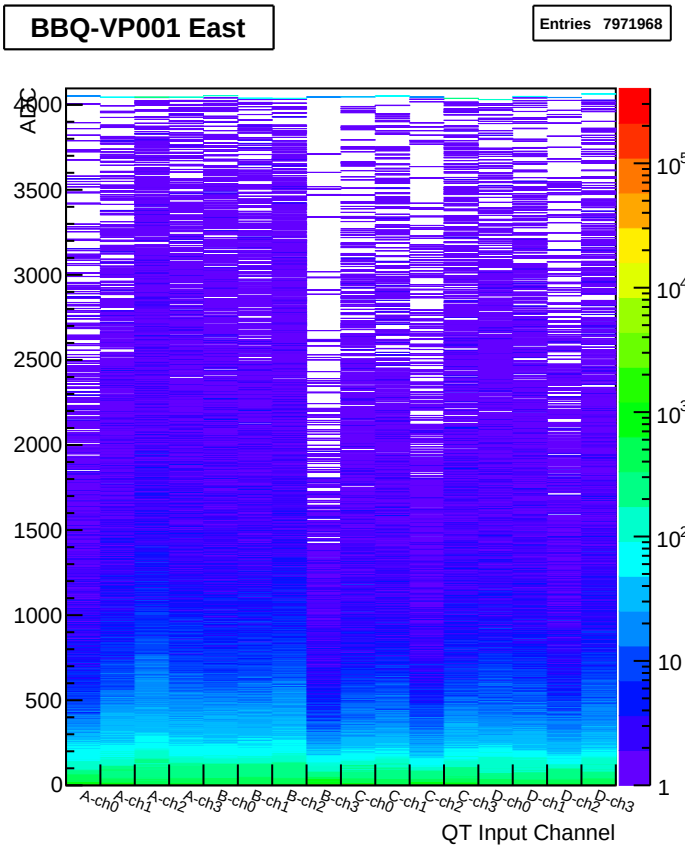

BBQ-BB001 (BBC east small tiles TAC)
Entries 7971968
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

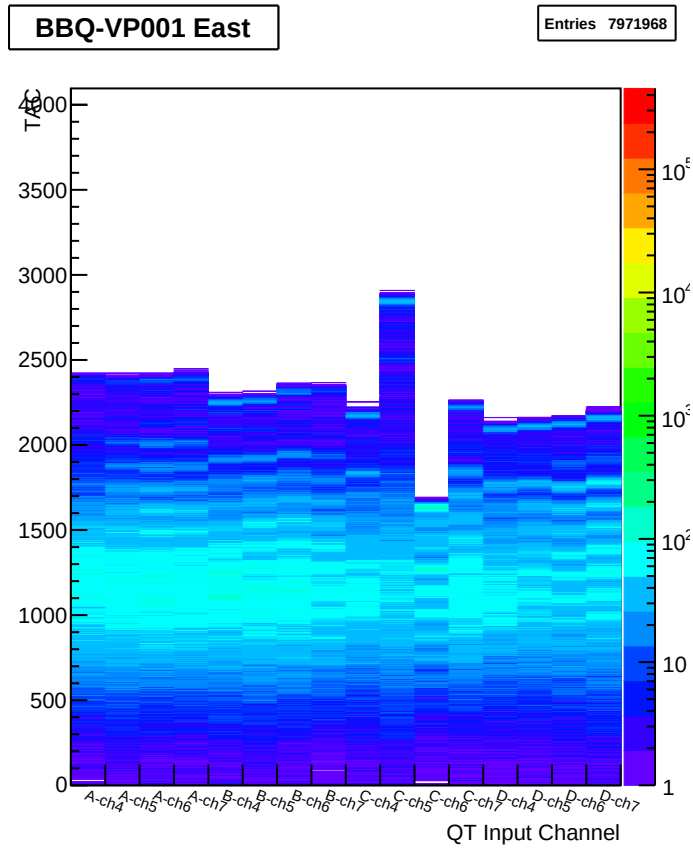

BBQ-BB002 (BBC west small tiles ADC)
Entries 7971968
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

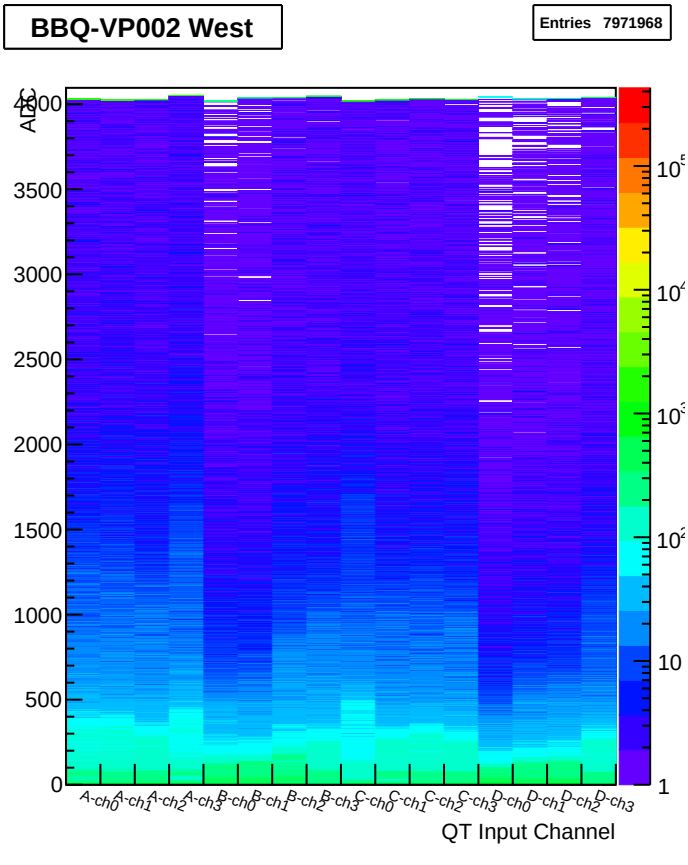

BBQ-BB002 (BBC west small tiles TAC)
Entries 7971968
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

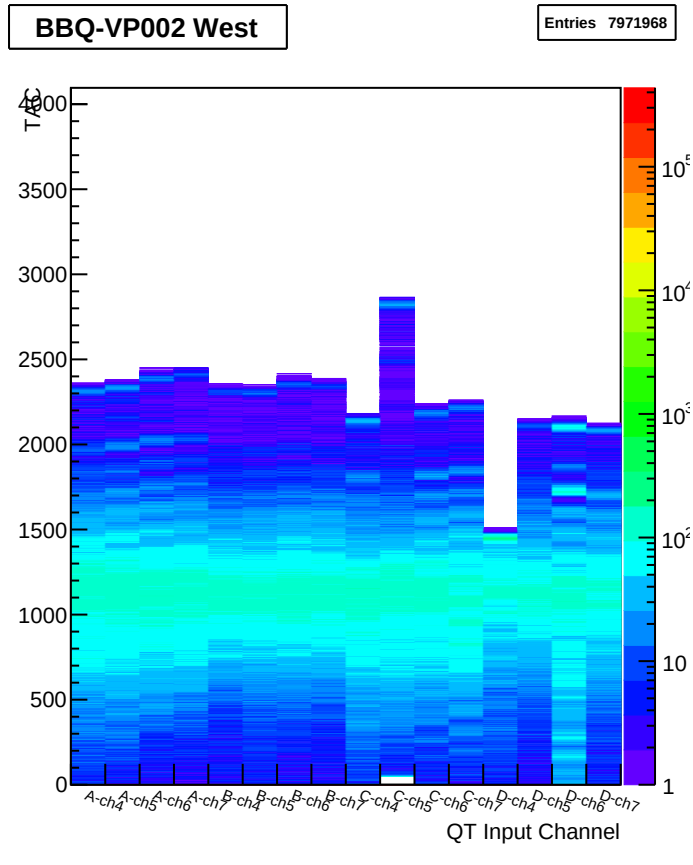

BBQ-ZD001 (ZDC TOWER)
Entries 7971968
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

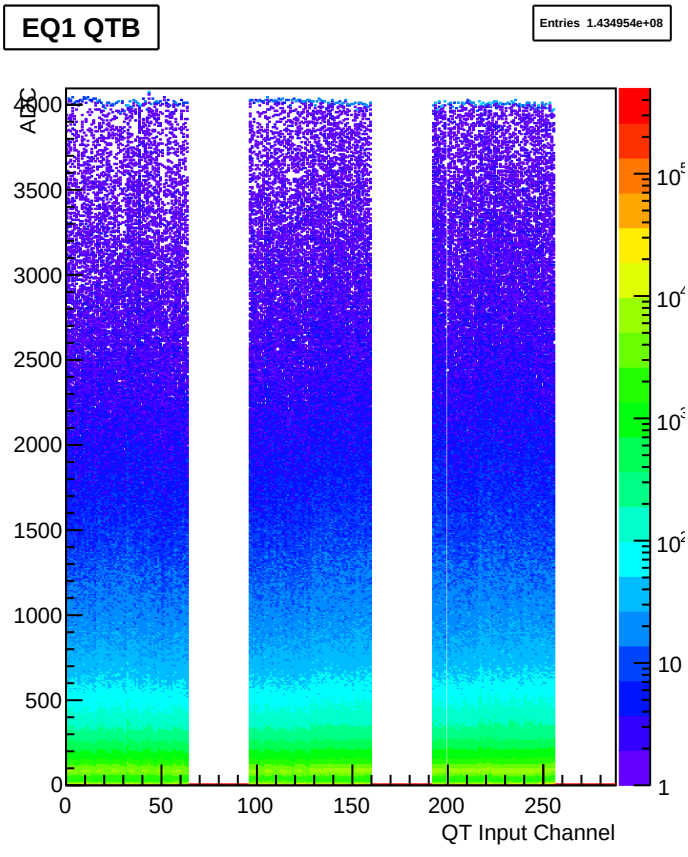

BBQ-ZD001 (ZDC TOWER)
Entries 7971968
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

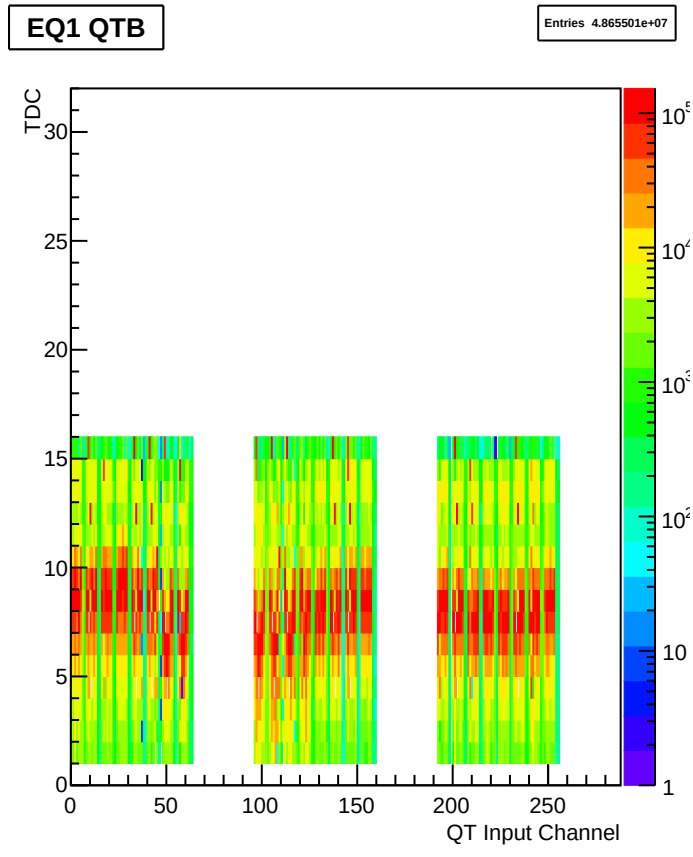

BBQ-VP001 East
Entries 7971968
ADC
QT Input Channel

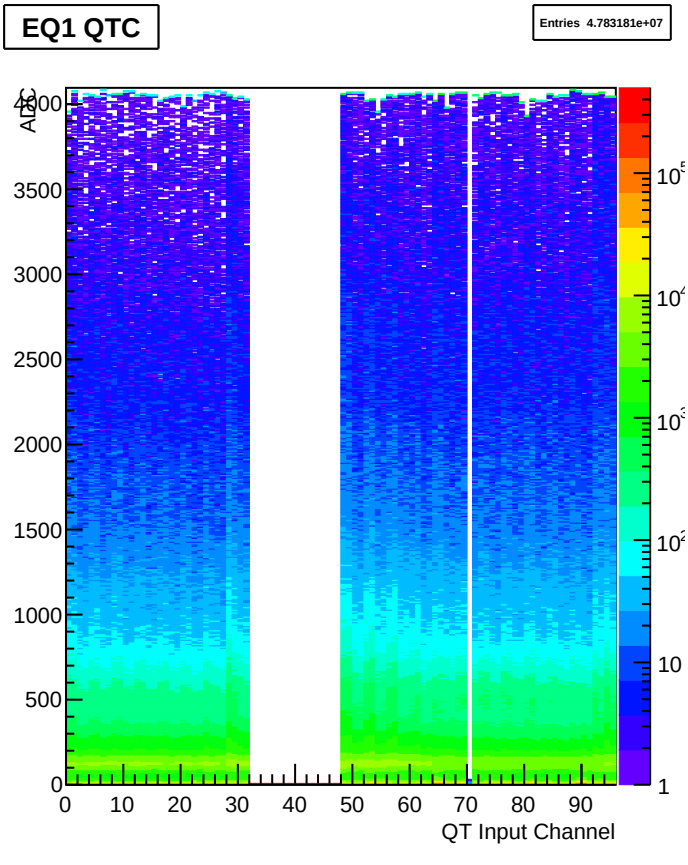

BBQ-VP001 East
Entries 7971968
ADC
QT Input Channel

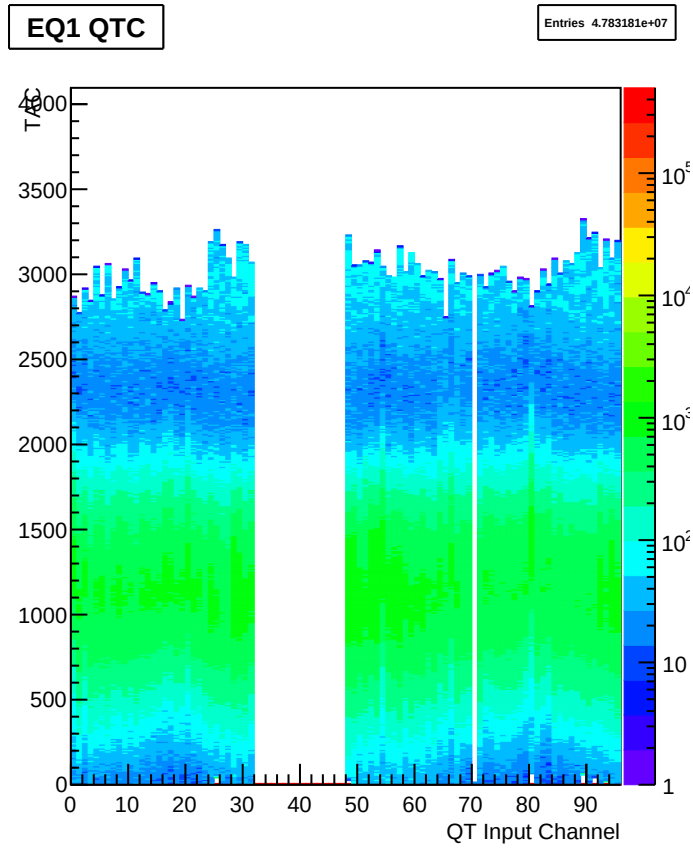

BBQ-VP002 West
Entries 7971968
ADC
QT Input Channel

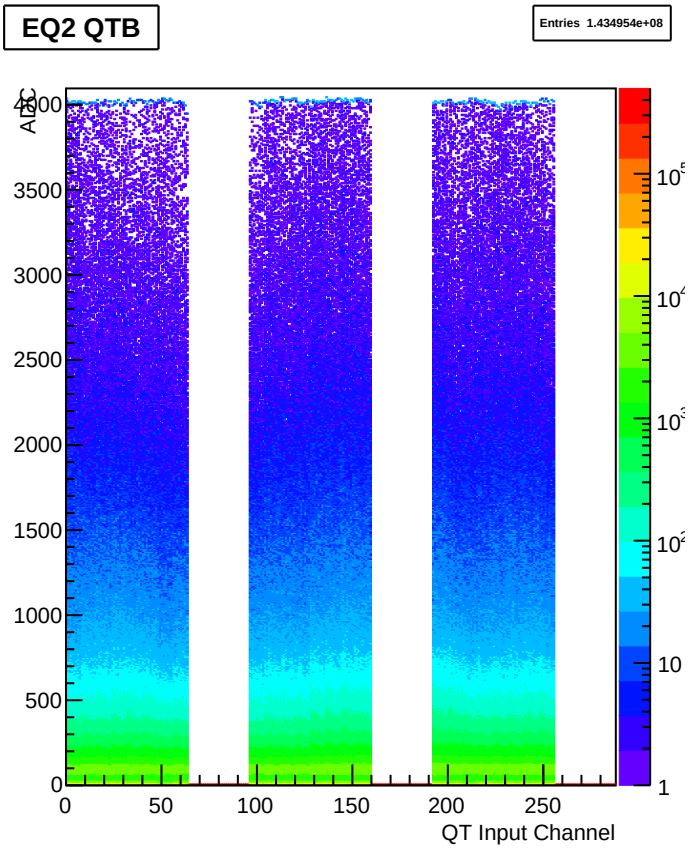

BBQ-VP002 West
Entries 7971968
ADC
QT Input Channel

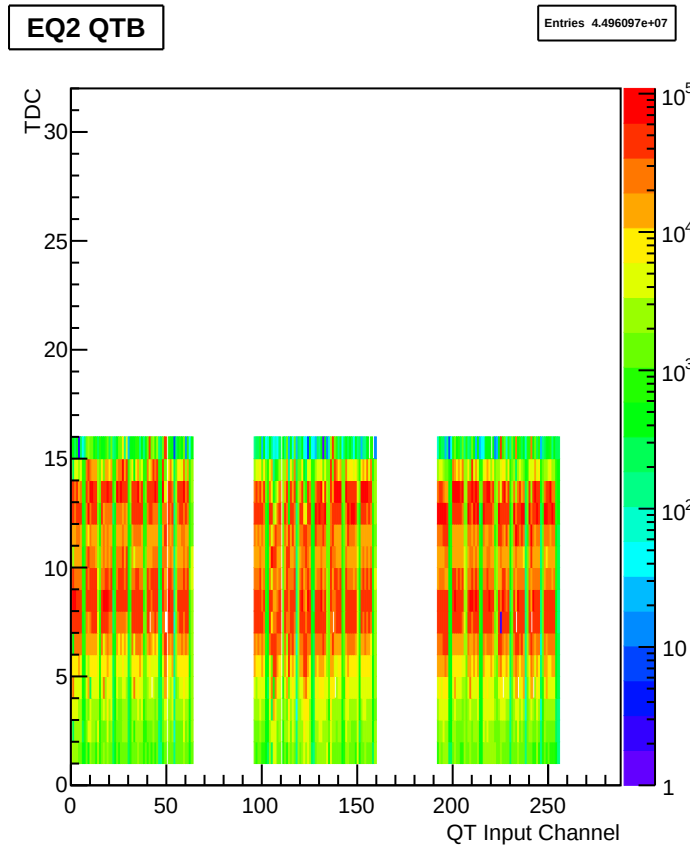

EQ1 QTB
Entries 1.434954e+08
ADC
QT Input Channel

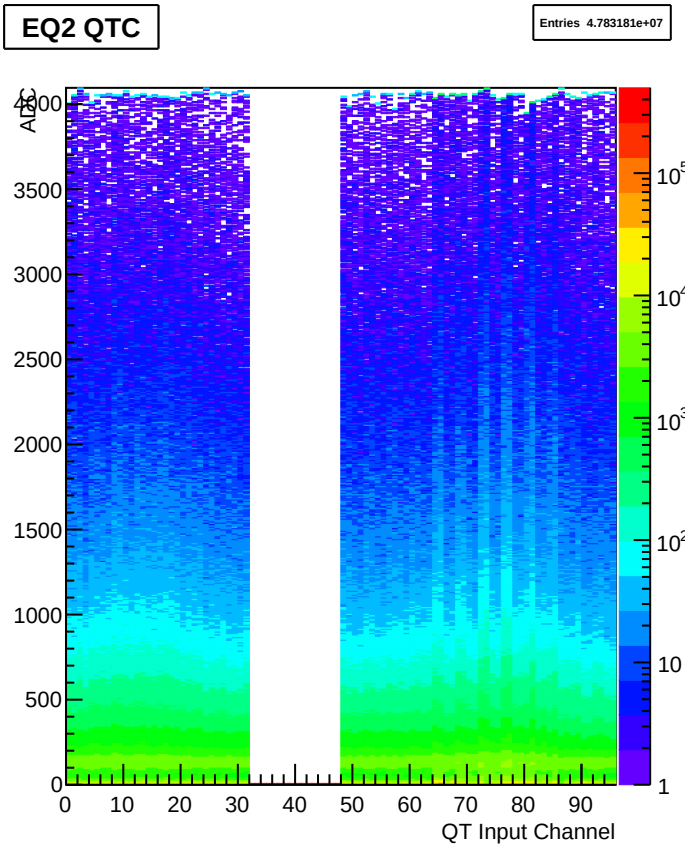

EQ1 QTB
Entries 4.865501e+07
TDC
QT Input Channel

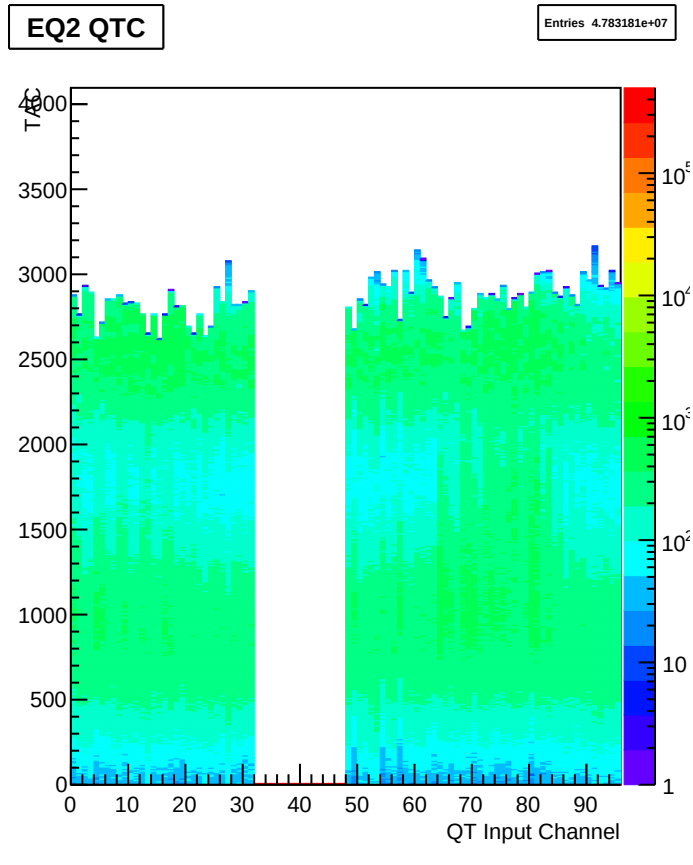

EQ1 QTC
Entries 4.783181e+07
ADC
QT Input Channel

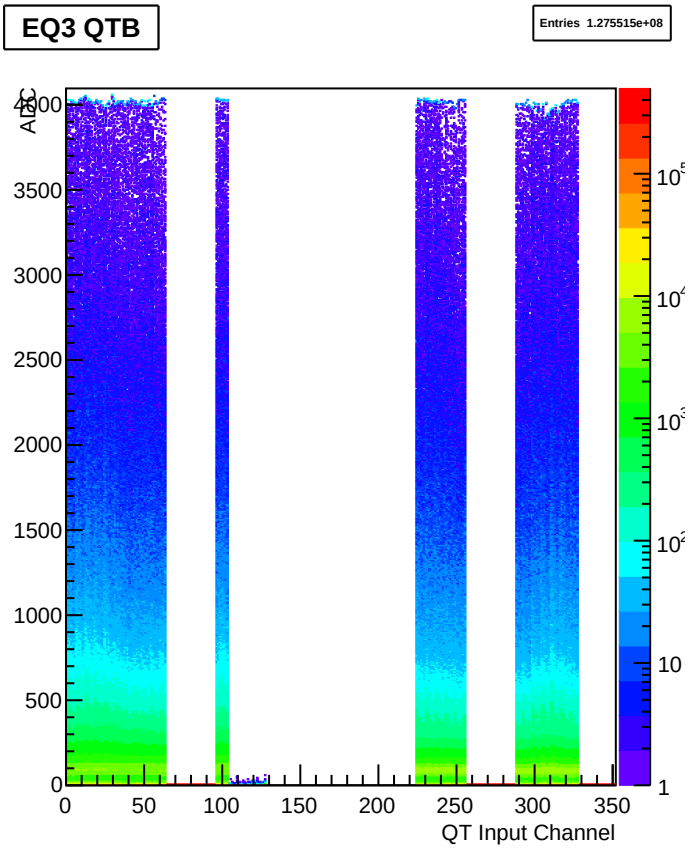

EQ1 QTC
Entries 4.783181e+07
TADC
QT Input Channel

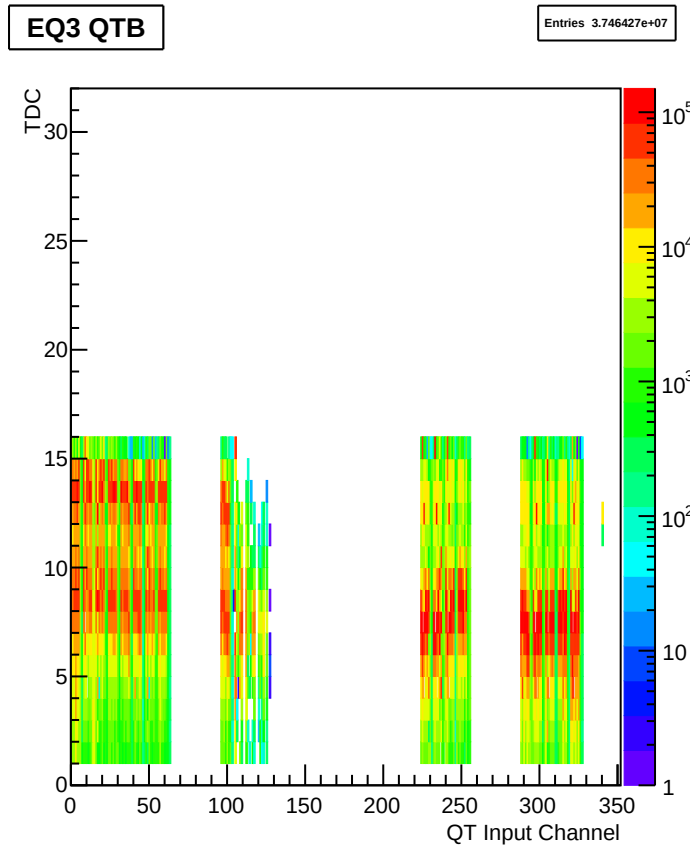

EQ2 QTB
Entries 1.434954e+08
ADC
QT Input Channel

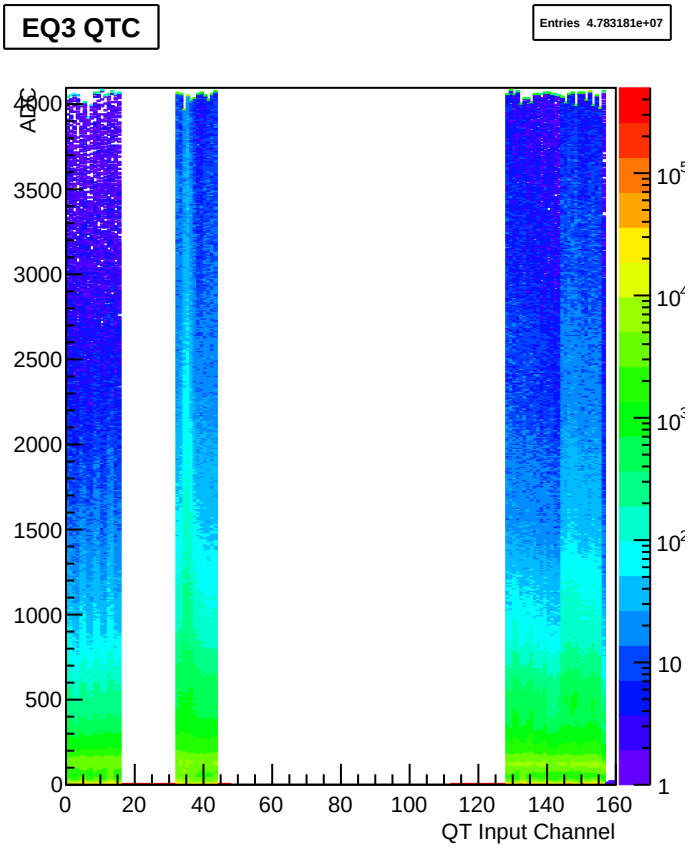

EQ2 QTB
Entries 4.496097e+07
TDC
QT Input Channel

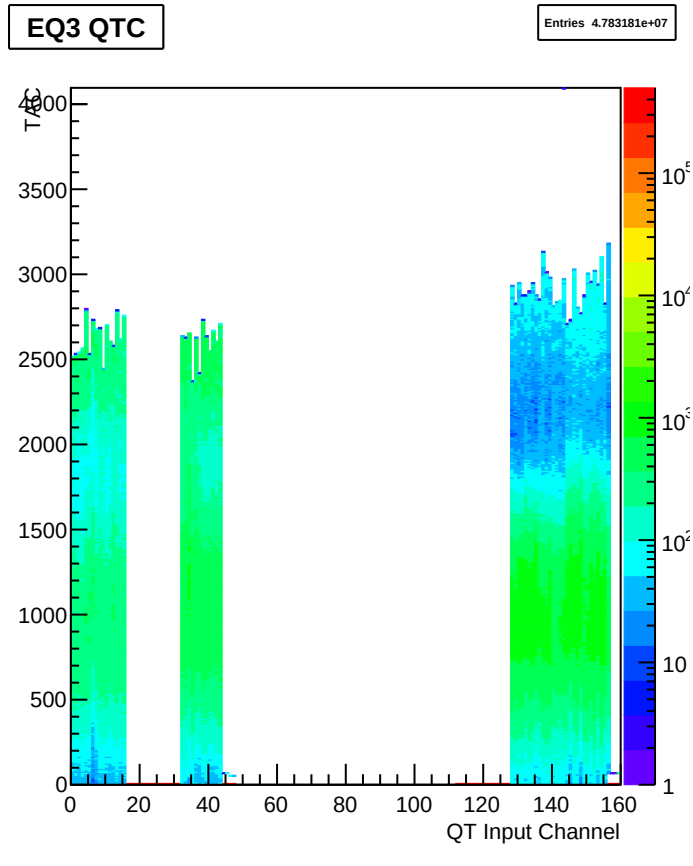

EQ2 QTC
Entries 4.783181e+07
ADC
QT Input Channel

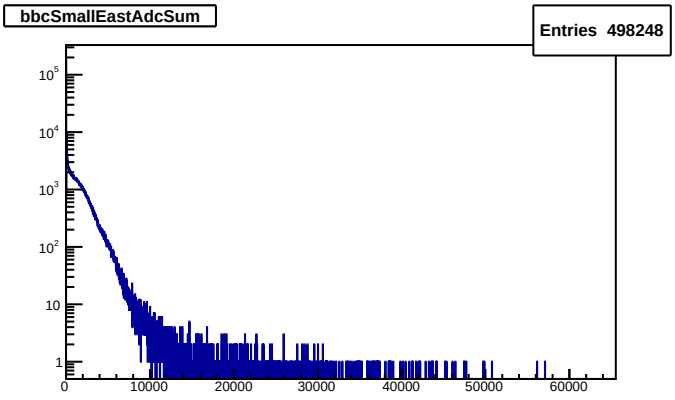

EQ2 QTC
Entries 4.783181e+07
TADC
QT Input Channel

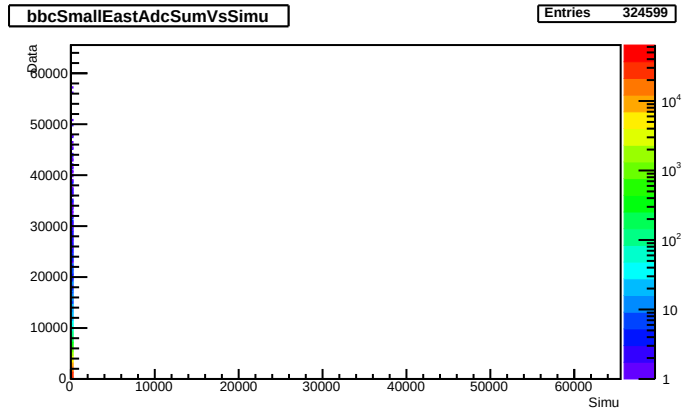

EQ3 QTB
Entries 1.275515e+08
ADC
QT Input Channel

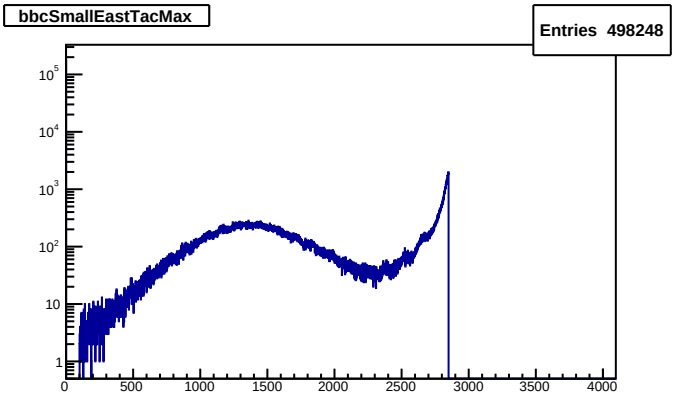

EQ3 QTB
Entries 3.746427e+07
TDC
QT Input Channel

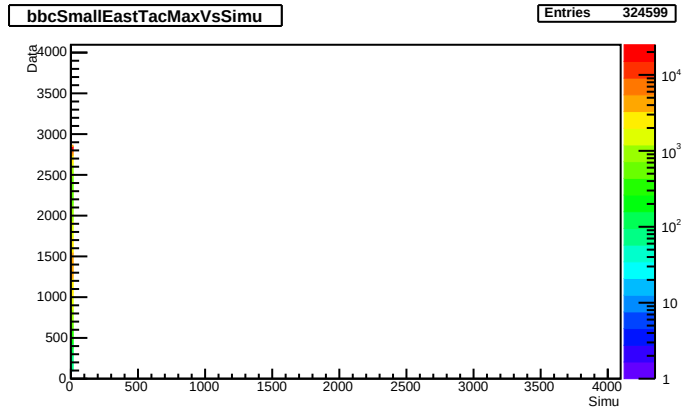

EQ3 QTC
Entries 4.783181e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.783181e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 498248


bbcSmallEastAdcSumVsSimu
Entries 324599
Data
Simu


bbcSmallEastTacMax
Entries 498248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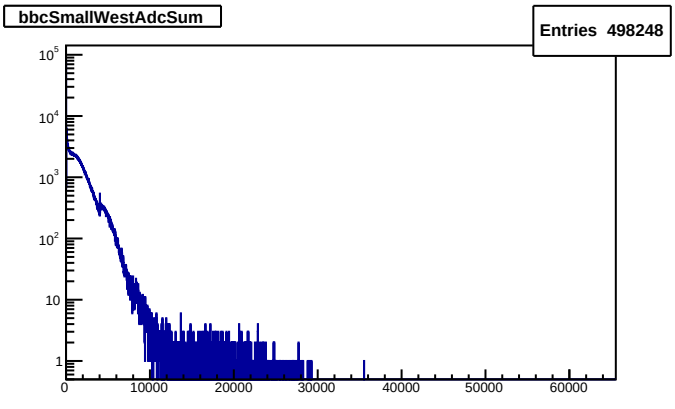
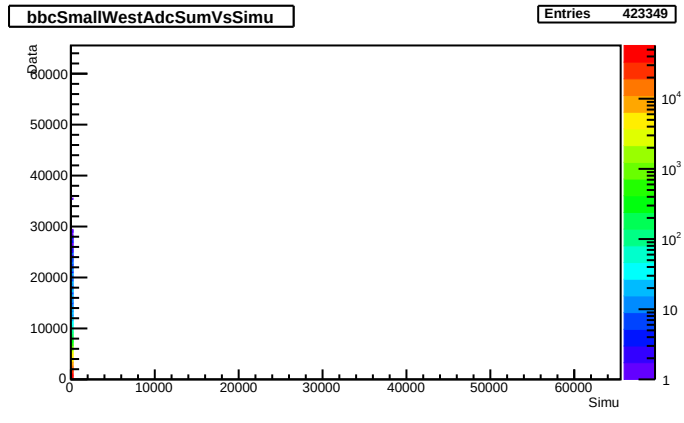
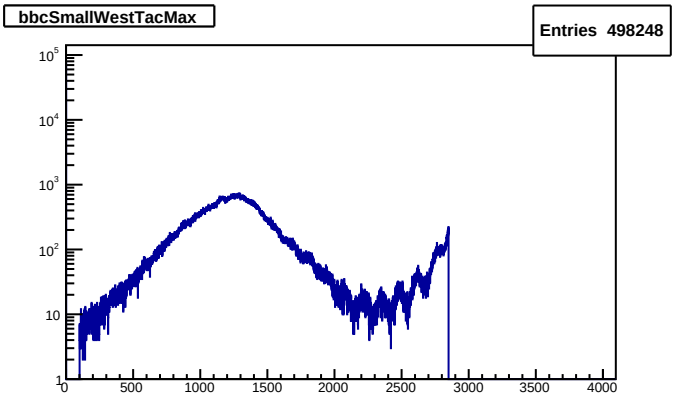
Entries 324599
Data
Simu


bbcSmallWestAdcSum
Entries 498248


bbcSmallWestAdcSumVsSimu
Entries 423349
Data
Simu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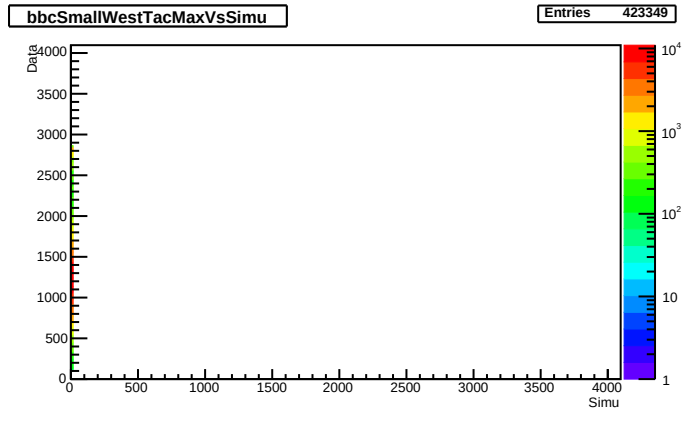
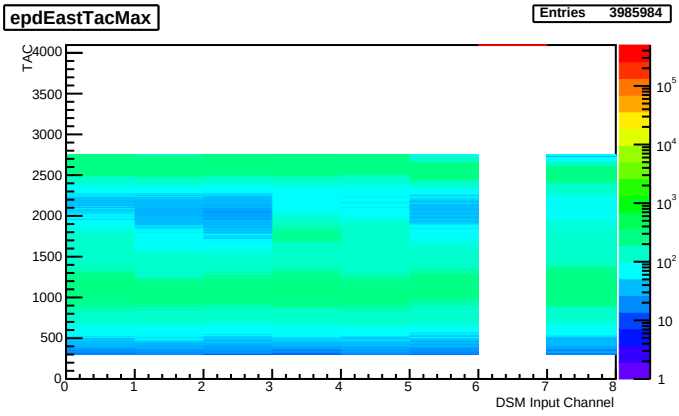
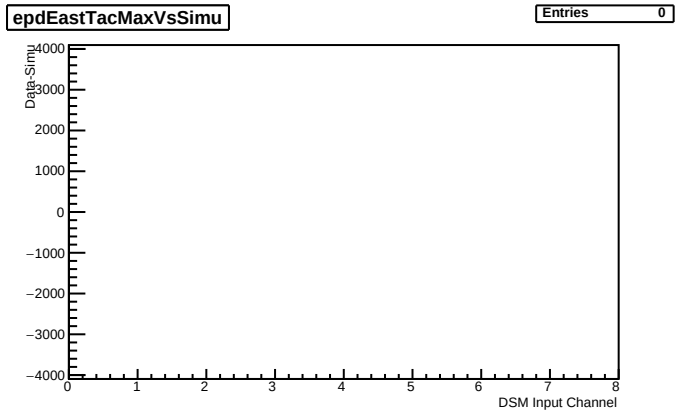
Entries 498248


bbcSmallWestTacMaxVsSimu
Entries 423349
Data
Simu


epdEastTacMax
Entries 3985984
TAC
DSM Input Channel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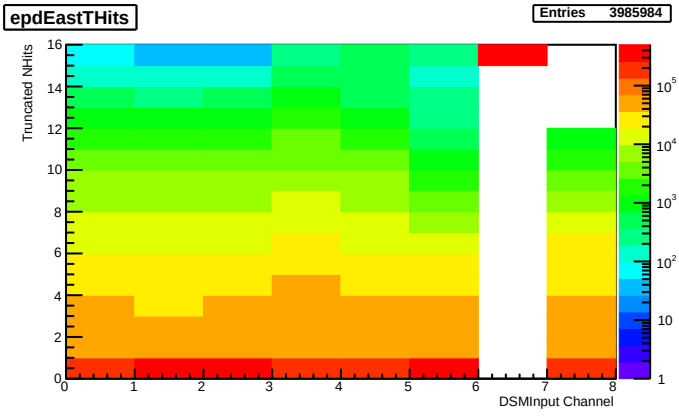
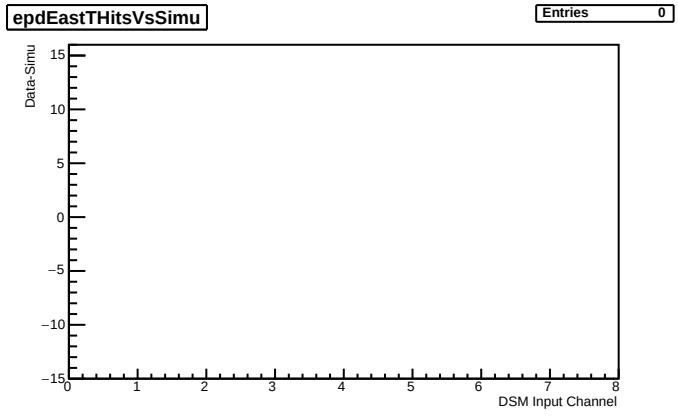
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3985984
Truncated NHits
DSMInput Channel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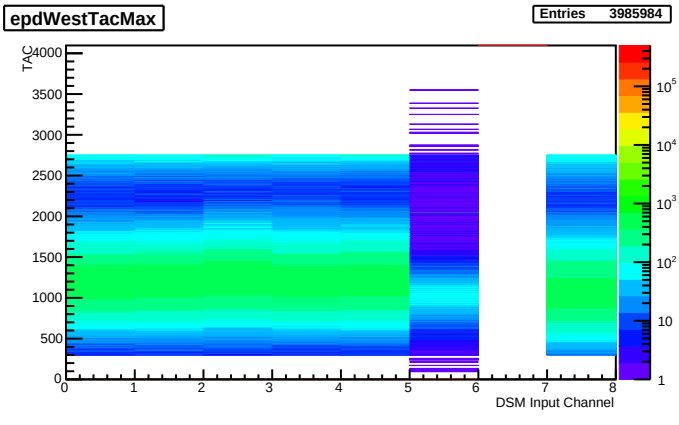
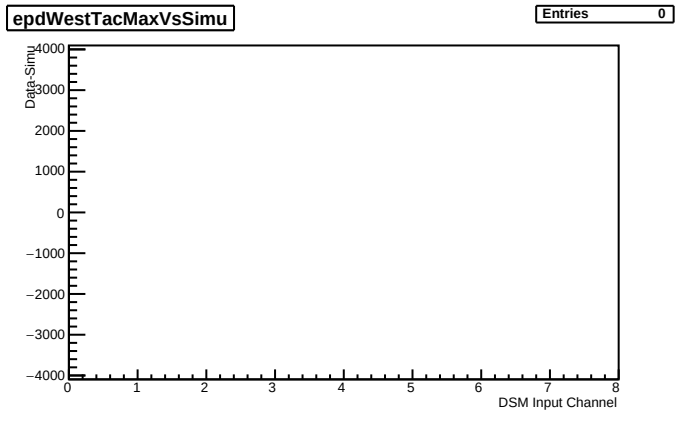
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3985984
TAC
DSM Input Channel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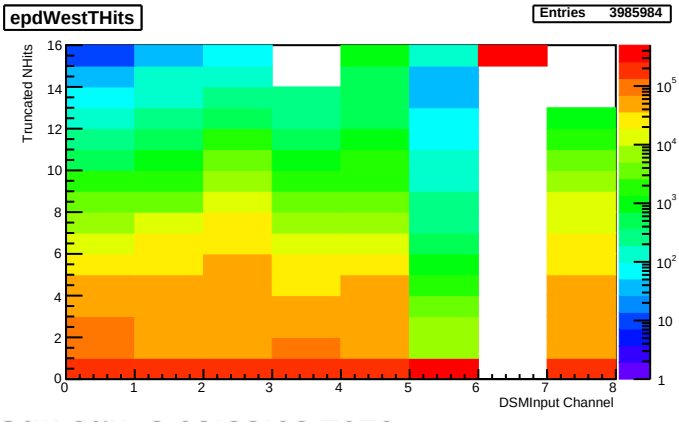
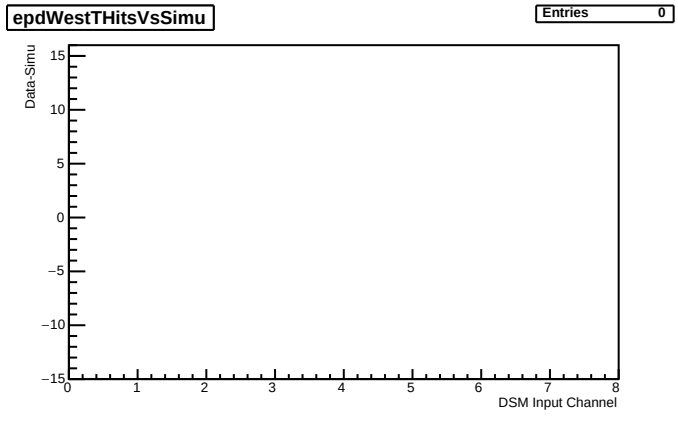
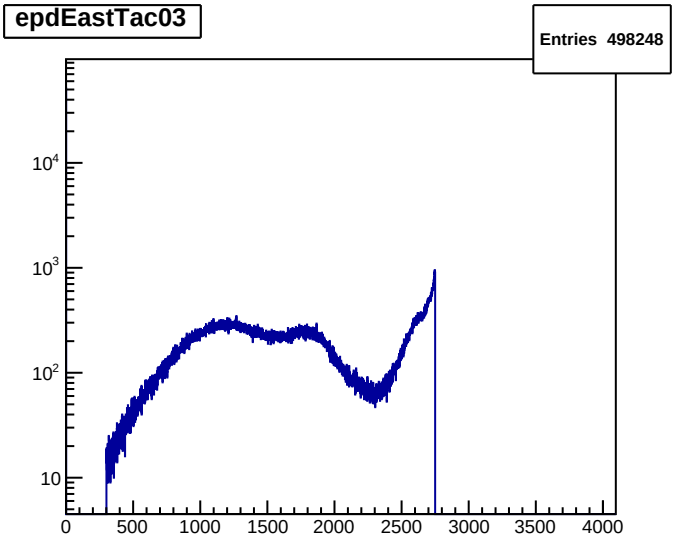
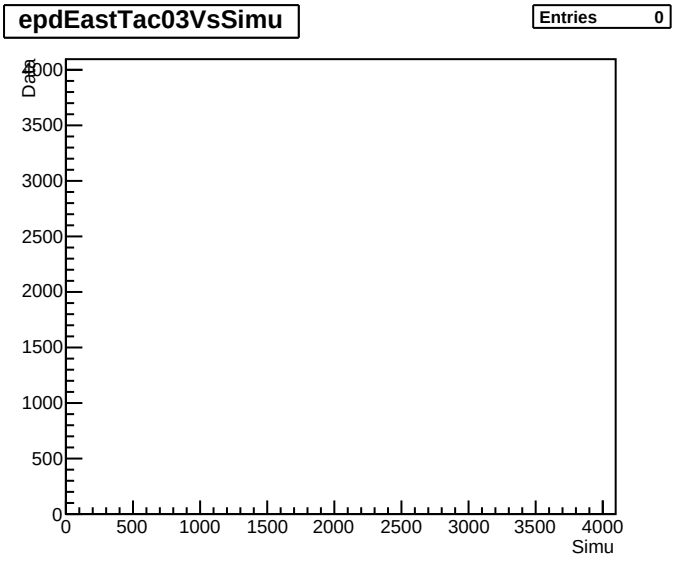
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3985984
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 498248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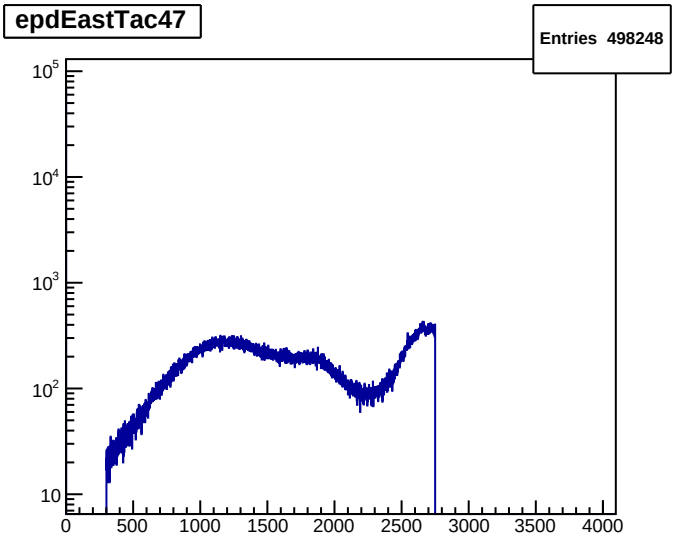
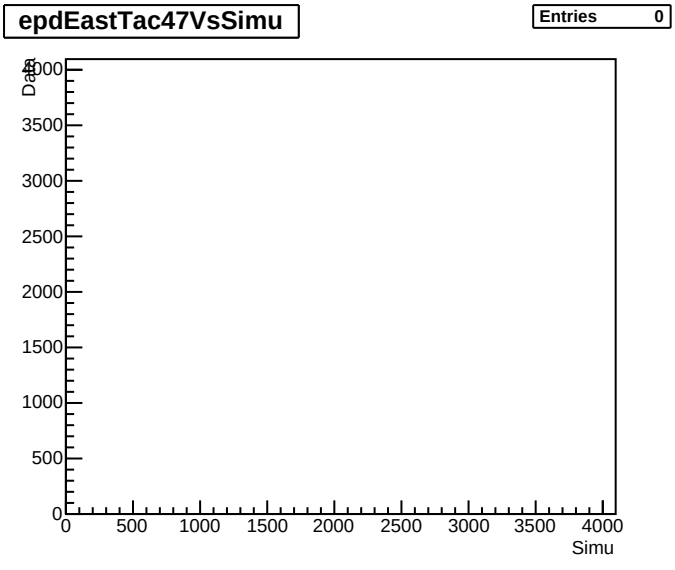
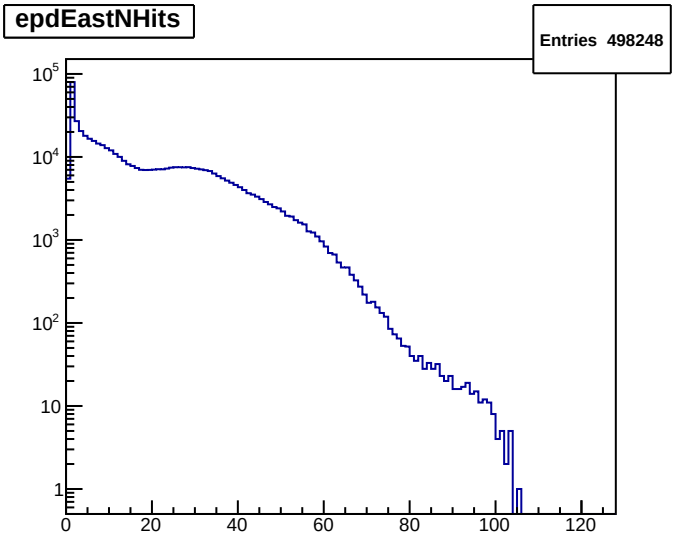
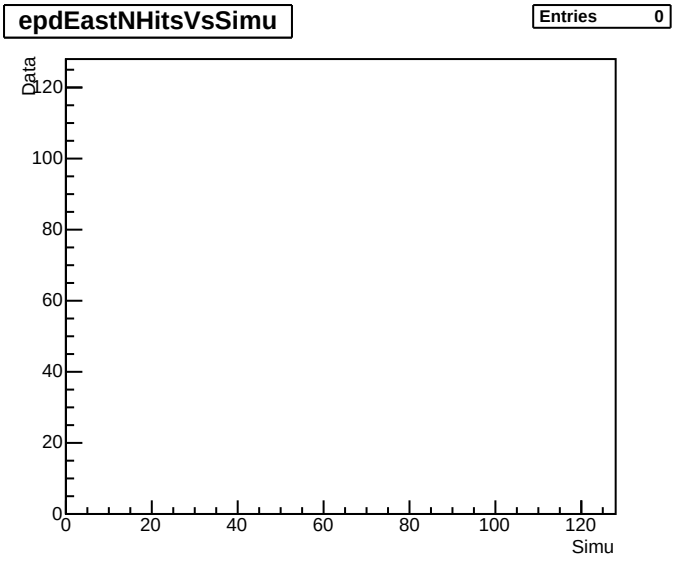
Entries 0
Data
Simu


epdEastTac47
Entries 498248


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 498248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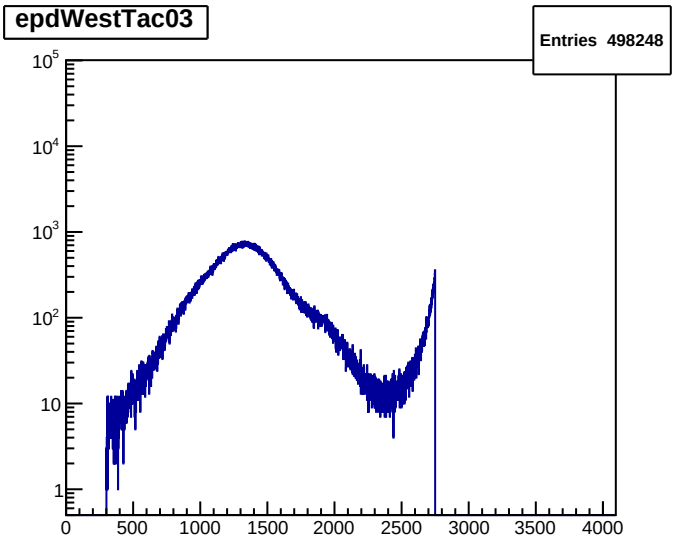
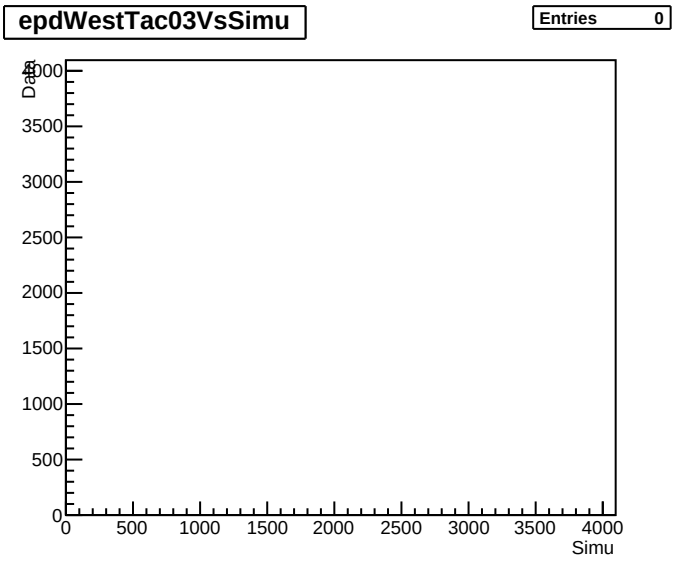
Entries 0
Data
Simu


epdWestTac03
Entries 498248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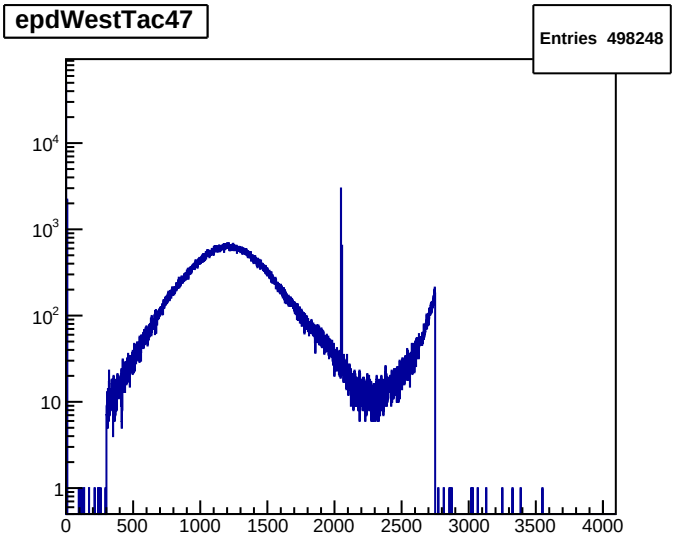
Entries 0
Data
Simu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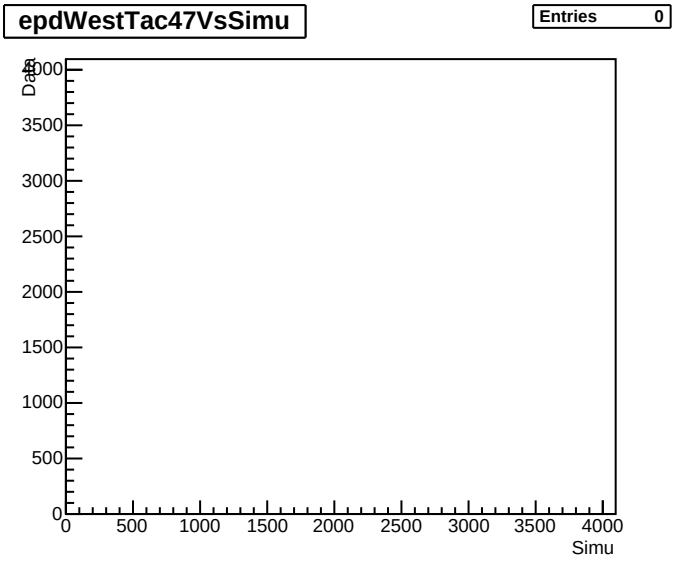
Entries 498248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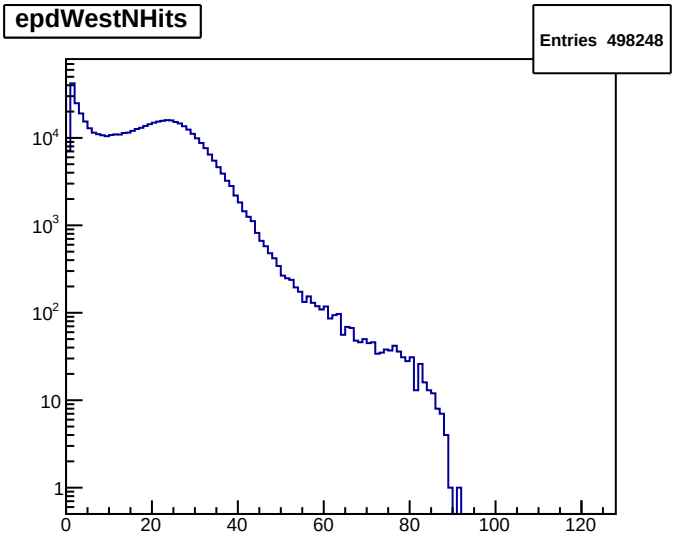
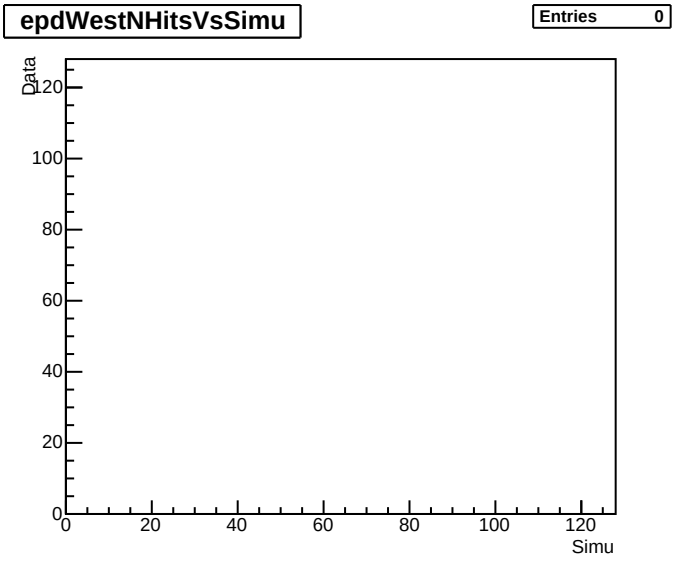
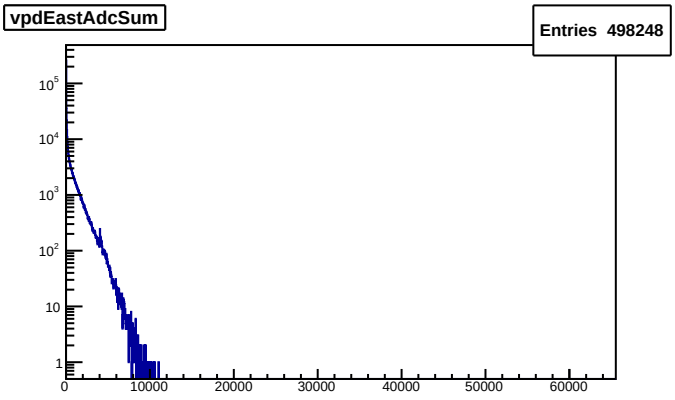
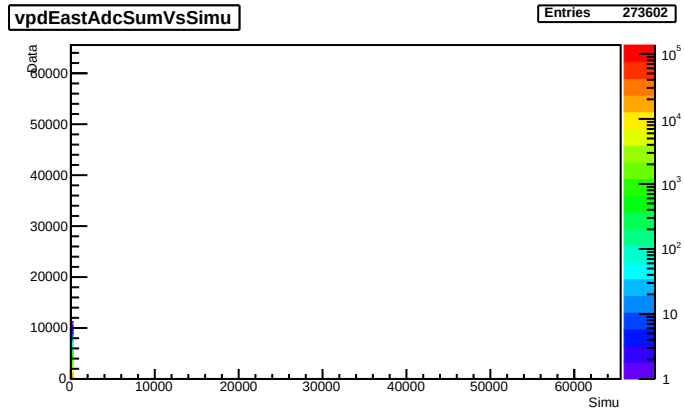
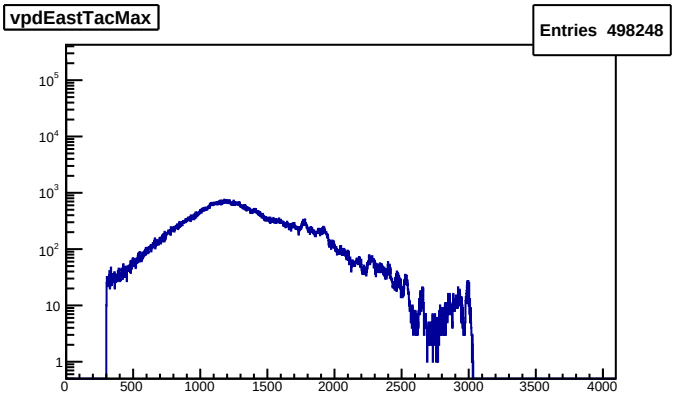
Entries 0
Data
Simu

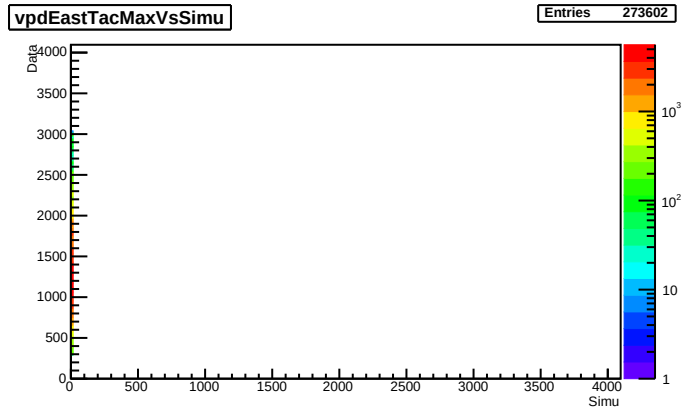

epdWestNHits
Entries 498248

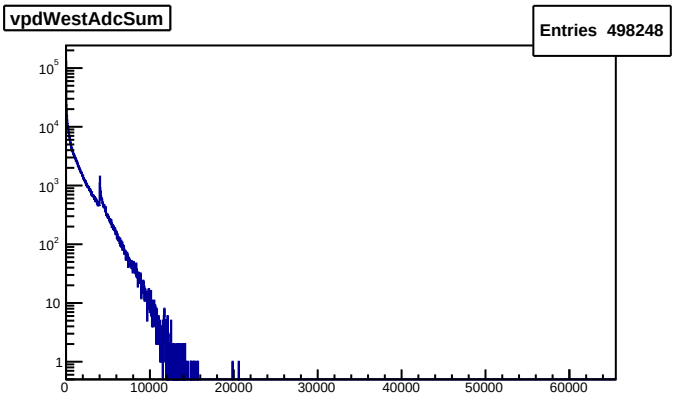

epdWestNHitsVsSimu
Entries 0
Data
Simu

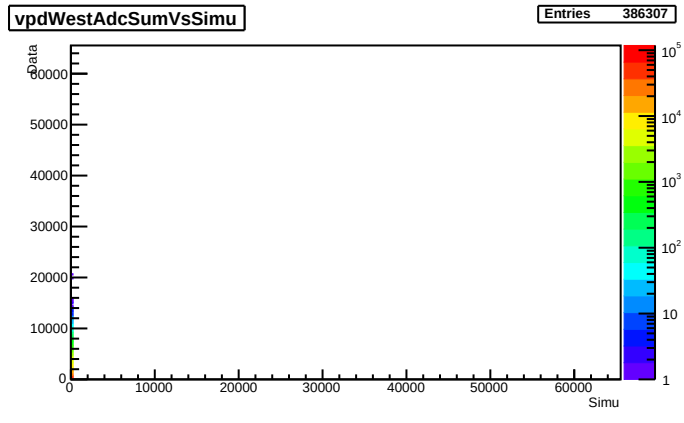

vpdEastAdcSum
Entries 498248

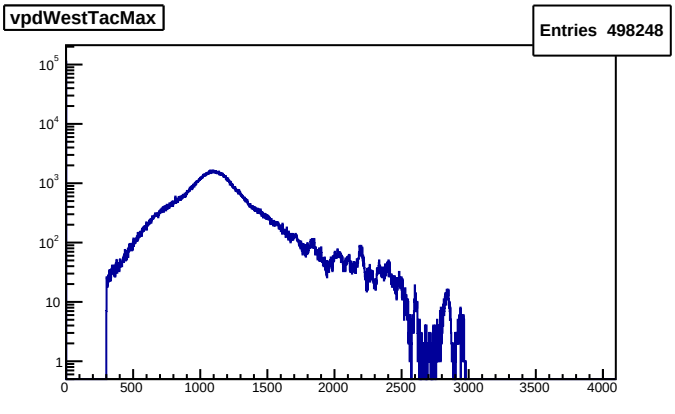

vpdEastAdcSumVsSimu
Entries 273602
Data
Simu

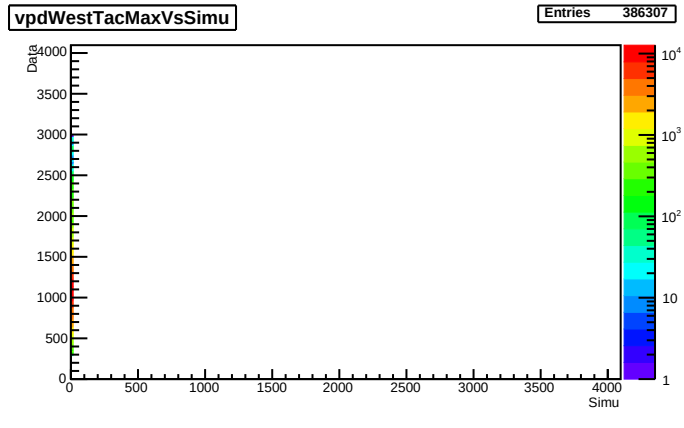

vpdEastTacMax
Entries 498248

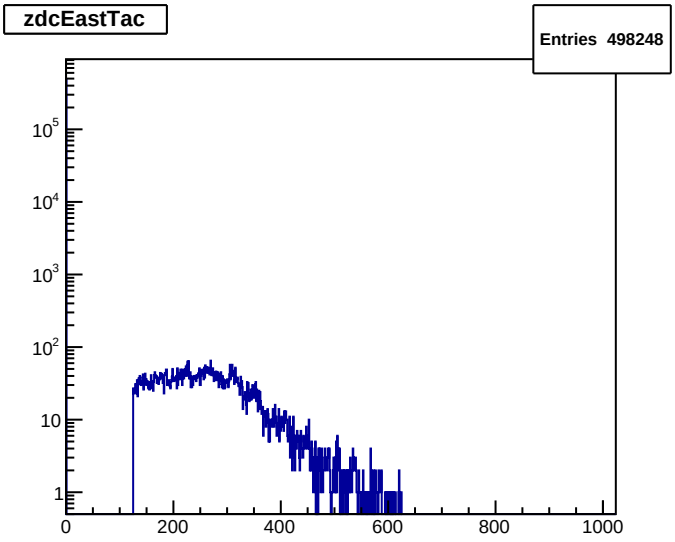

vpdEastTacMaxVsSimu
Entries 273602
Data
Simu

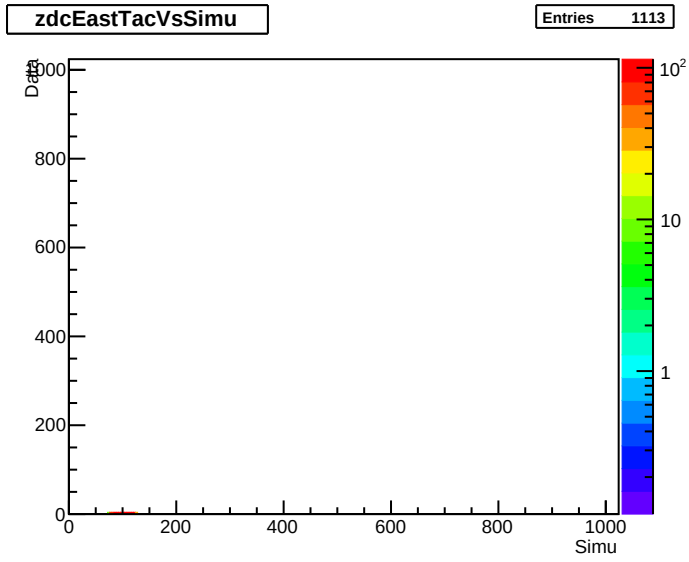

vpdWestAdcSum
Entries 498248

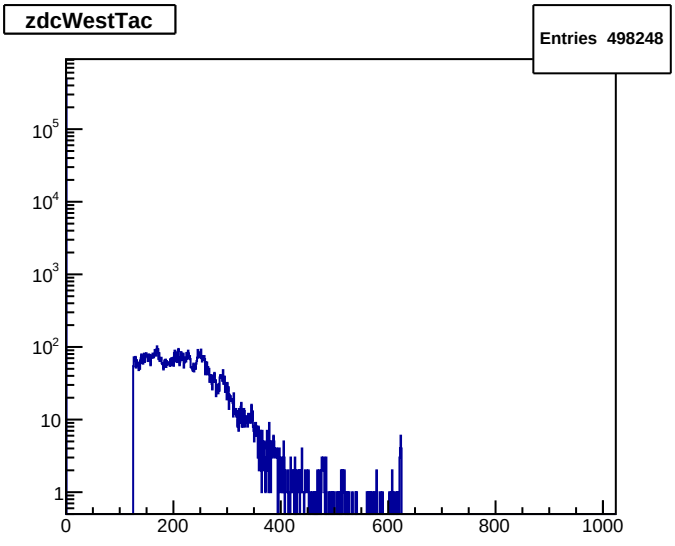

vpdWestAdcSumVsSimu
Entries 386307
Data
Simu

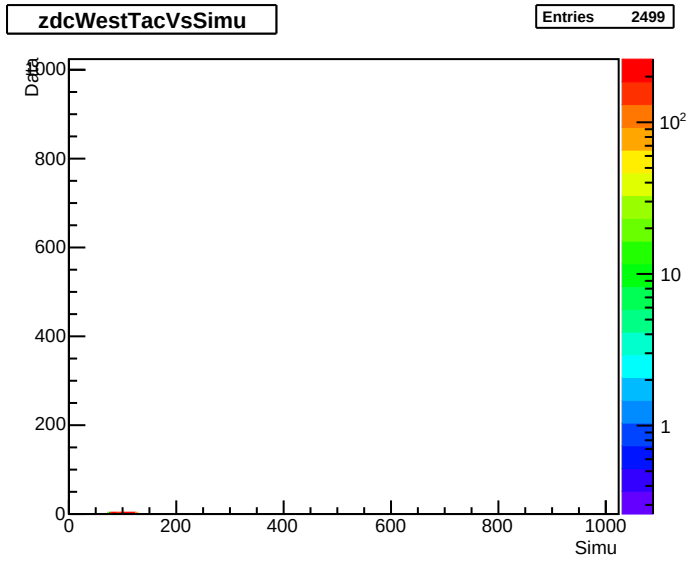

vpdWestTacMax
Entries 498248

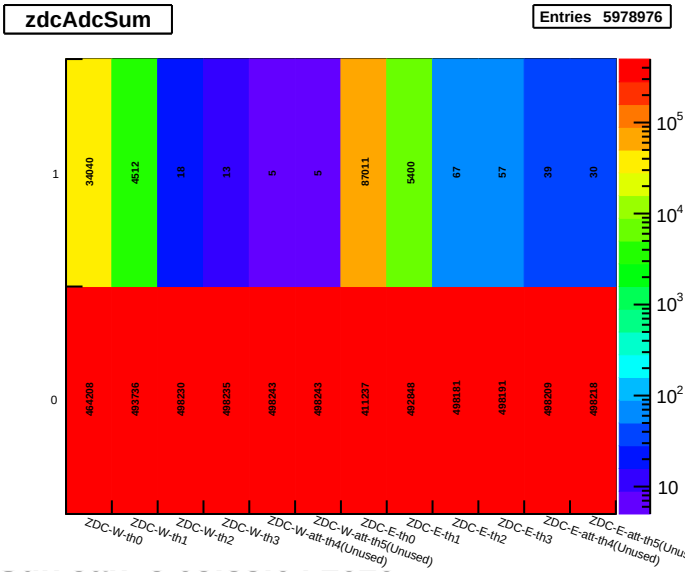

vpdWestTacMaxVsSimu
Entries 386307
Data
Simu

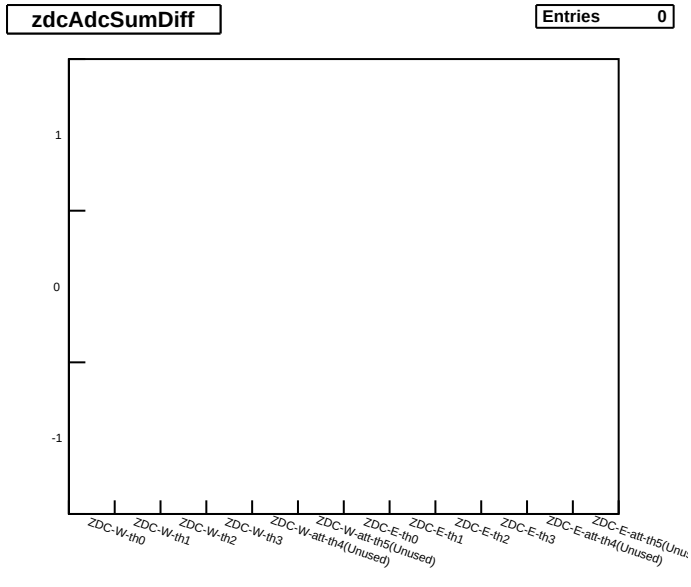

zdcEastTac
Entries 498248

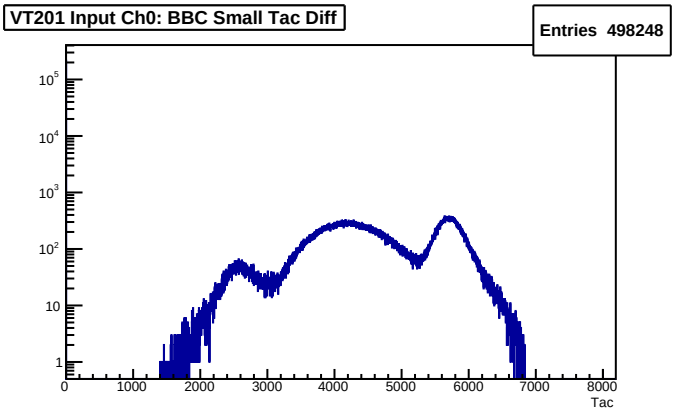

zdcEastTacVsSimu
Entries 1113
Data
Simu

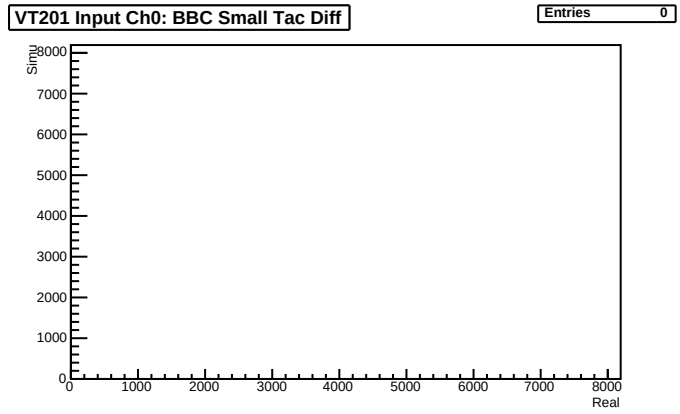

zdcWestTac
Entries 498248

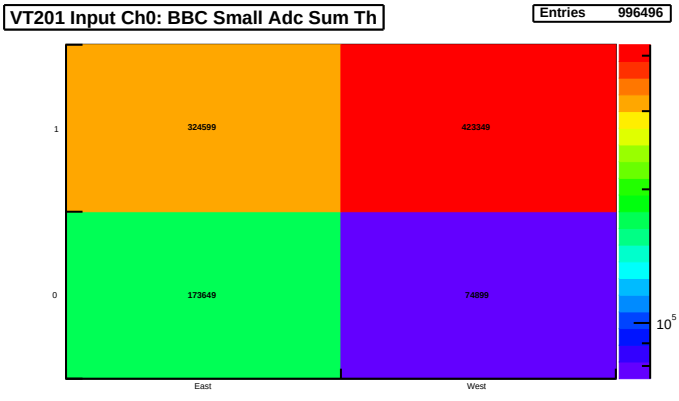

zdcWestTacVsSimu
Entries 2499
Data
Simu

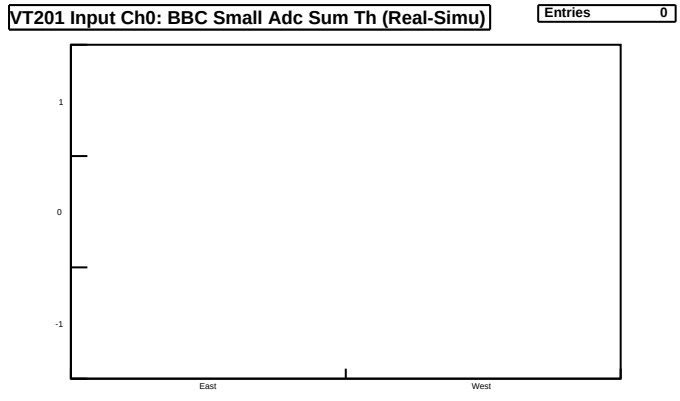

zdcAdcSum
Entries 5978976
34040
4512
18
13
5
5
87011
5400
67
57
39
30
464208
493736
498230
498235
498243
498243
411237
492846
498181
498191
498209
498218
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

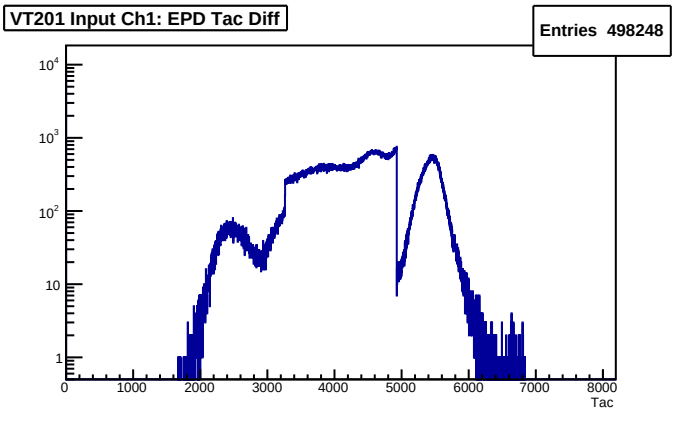

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

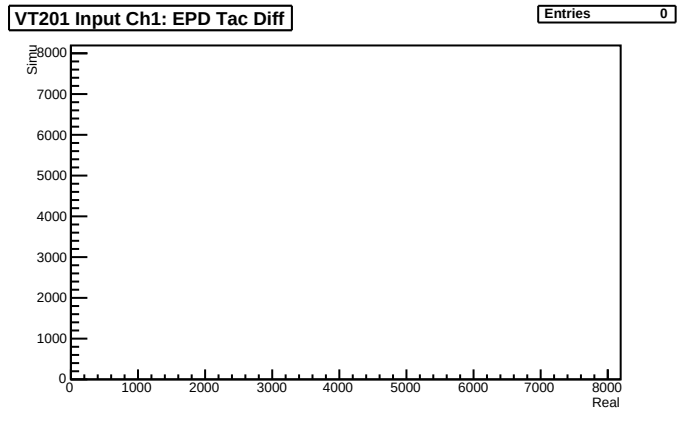

VT201 Input Ch0: BBC Small Tac Diff
Entries 498248
Tac

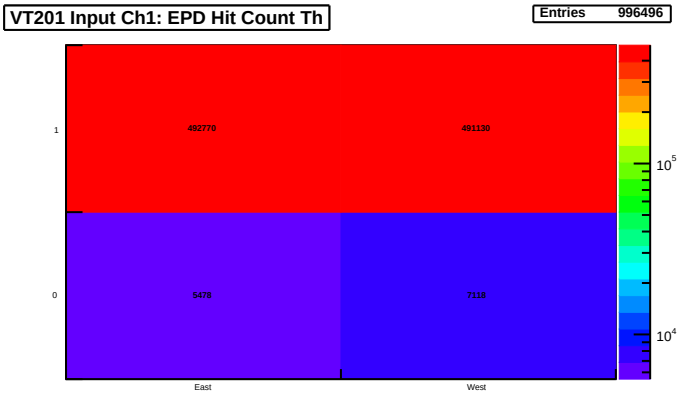

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

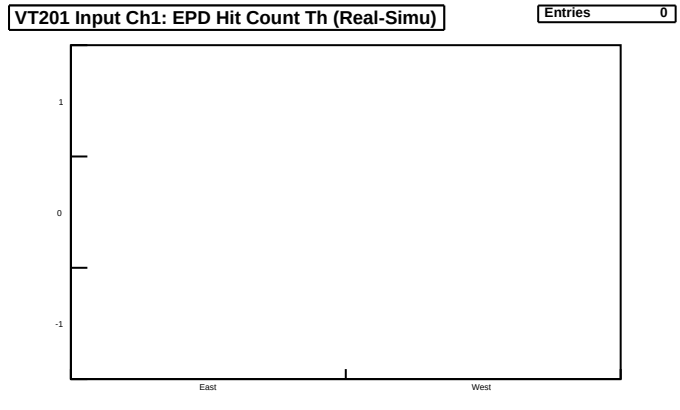

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 996496
324599
423349
173649
74899
East
West

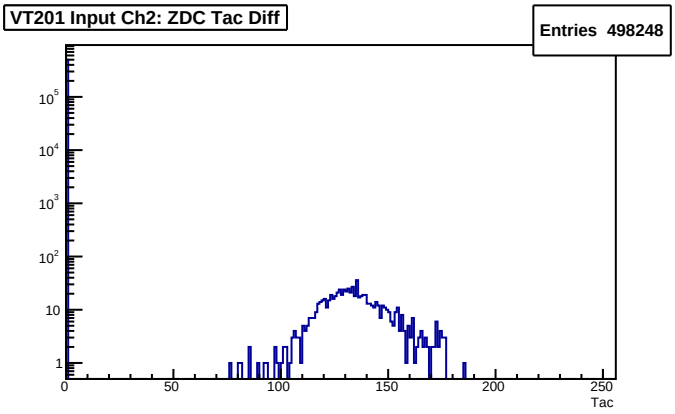

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

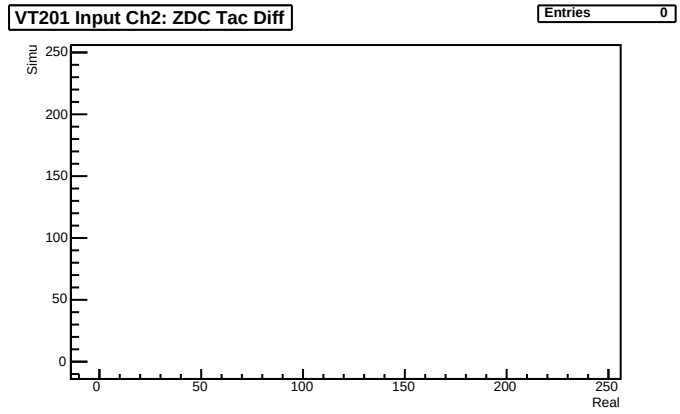

VT201 Input Ch1: EPD Tac Diff
Entries 498248
Tac

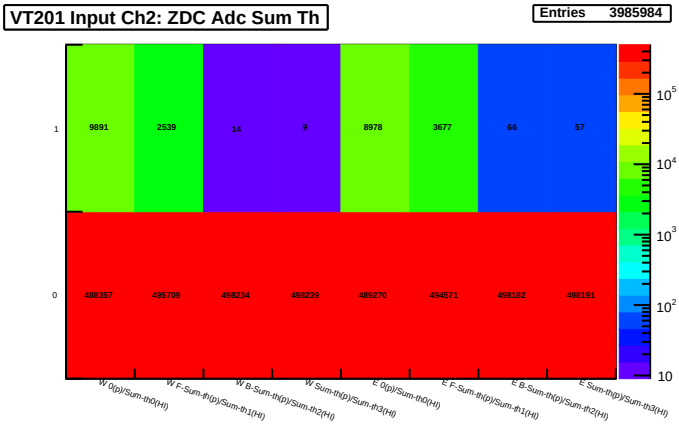

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

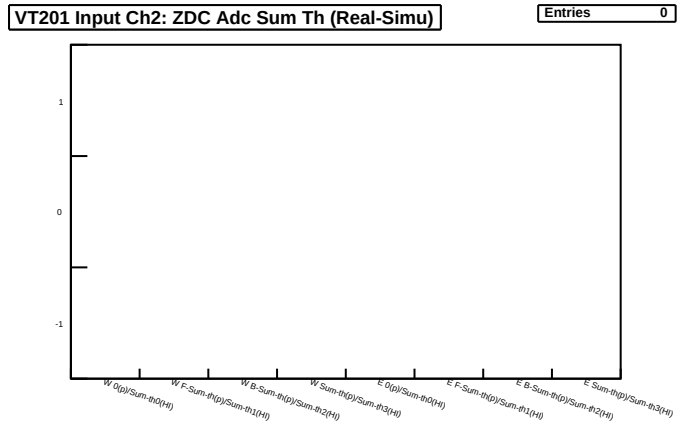

VT201 Input Ch1: EPD Hit Count Th
Entries 996496
492770
491130
5478
7118
East
West

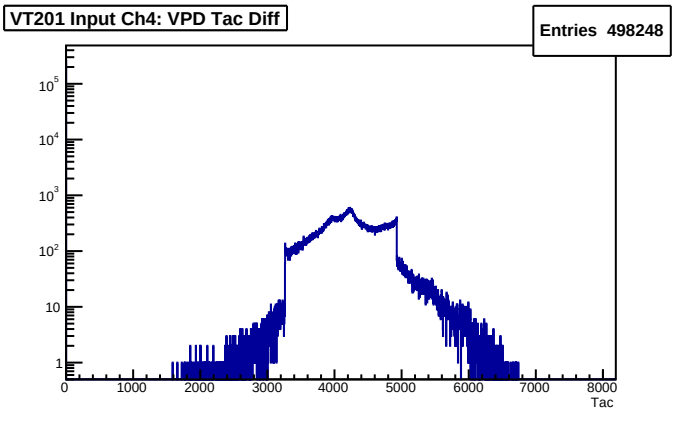

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

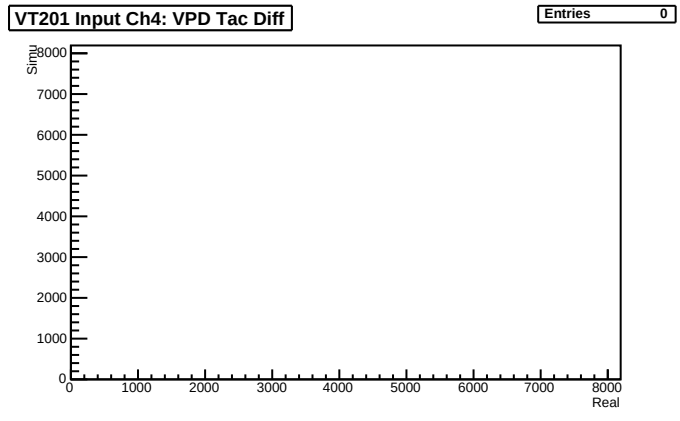

VT201 Input Ch2: ZDC Tac Diff
Entries 498248
Tac

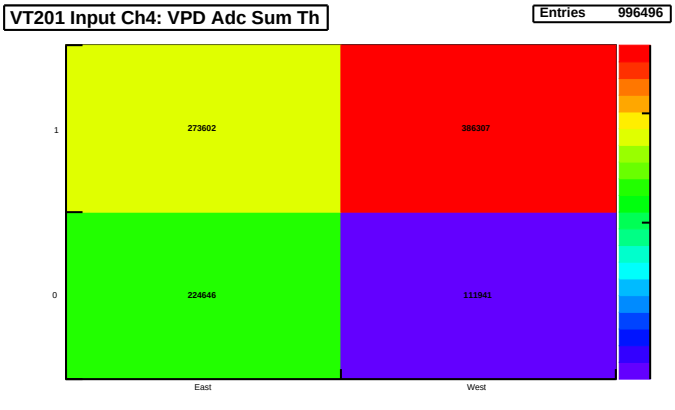

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

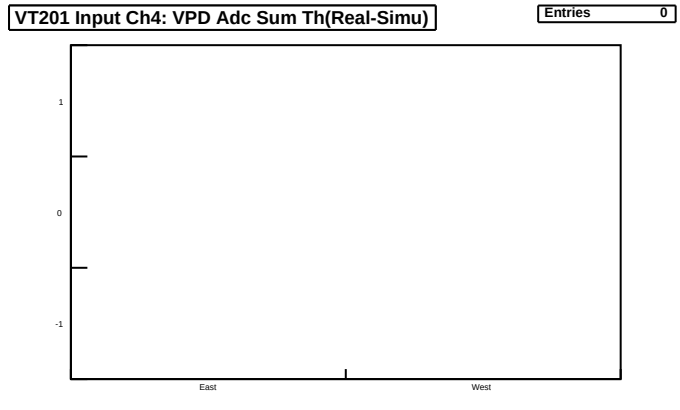

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3985984
9891
2539
14
9
8978
3677
66
57
488357
495709
498234
498239
489270
494571
498182
498191
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

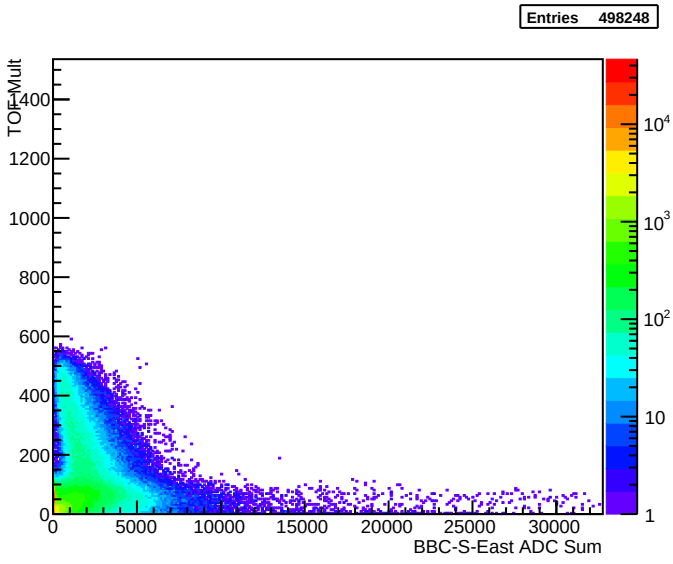

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

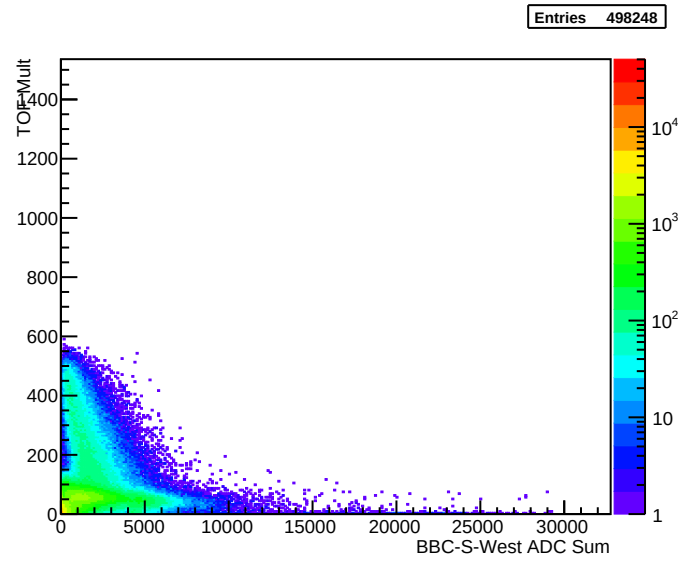

VT201 Input Ch4: VPD Tac Diff
Entries 498248
Tac

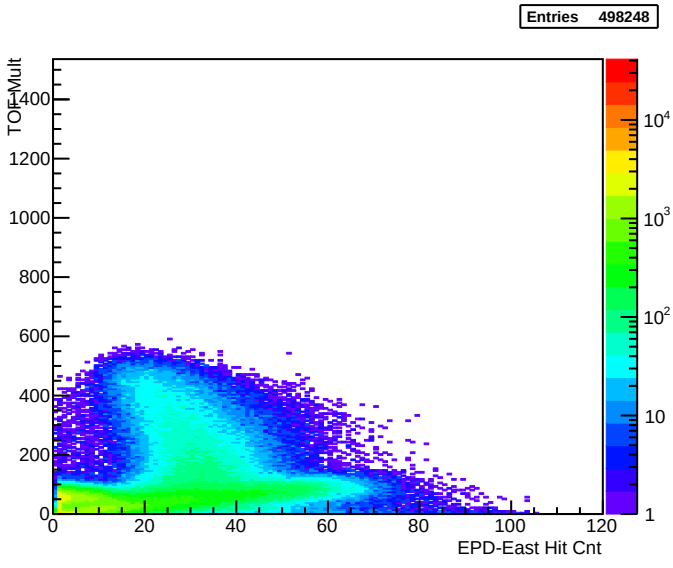

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

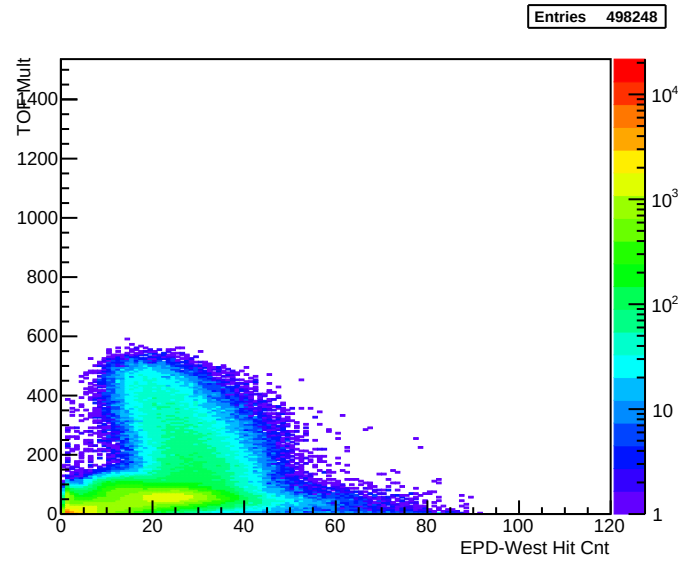

VT201 Input Ch4: VPD Adc Sum Th
Entries 996496
273602
386307
224646
111941
East
West

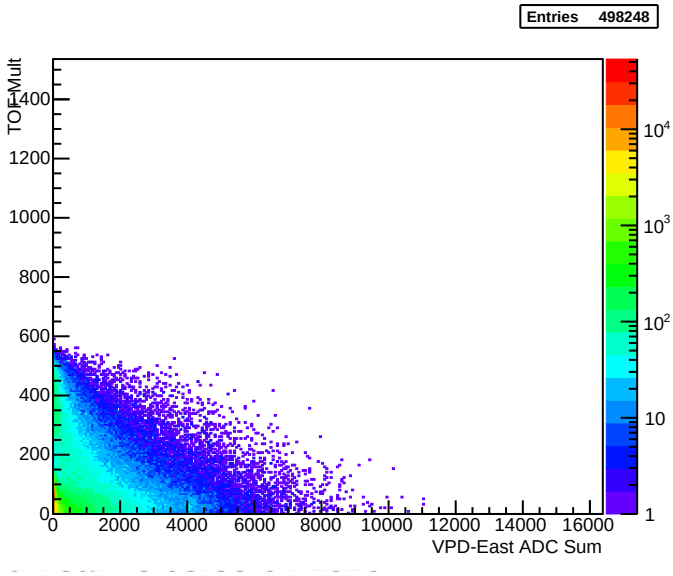

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

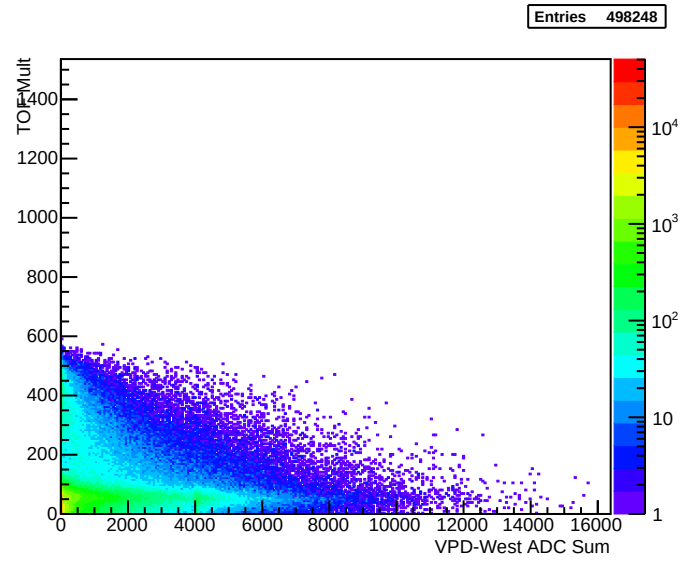

Entries 498248
TOF-Mult
BBC-S-East ADC Sum

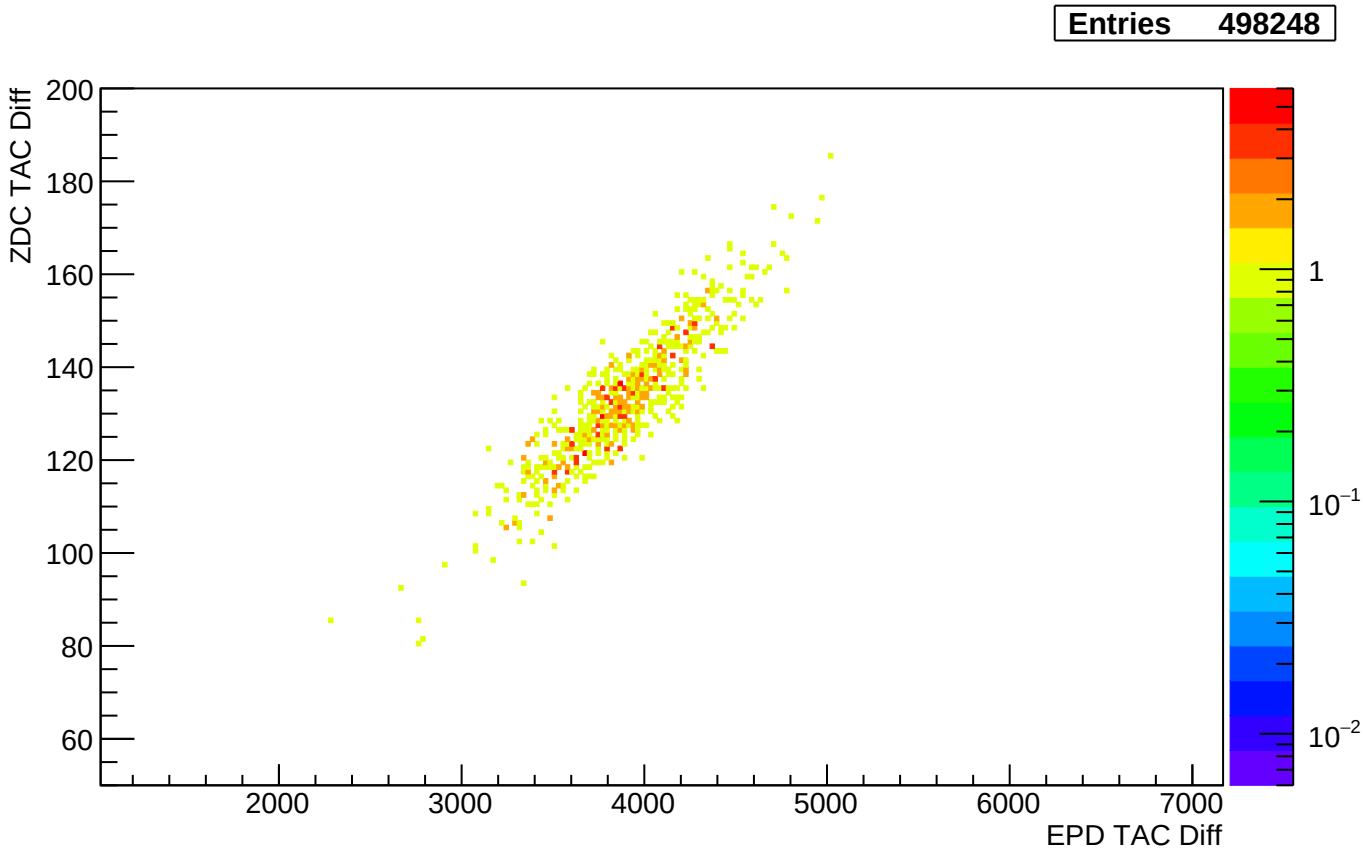

Entries 498248
TOF-Mult
BBC-S-West ADC Sum

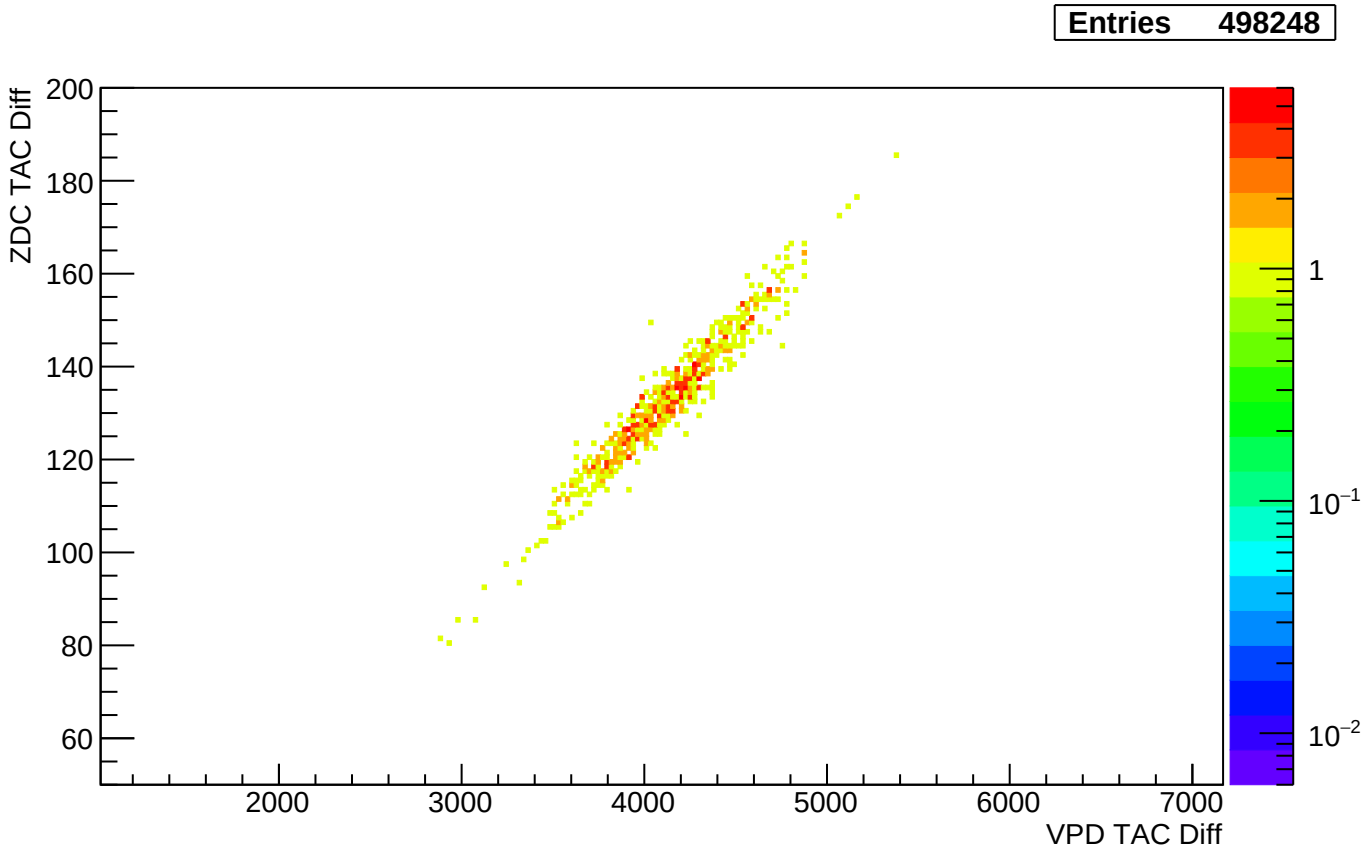

Entries 498248
TOF-Mult
EPD-East Hit Cnt

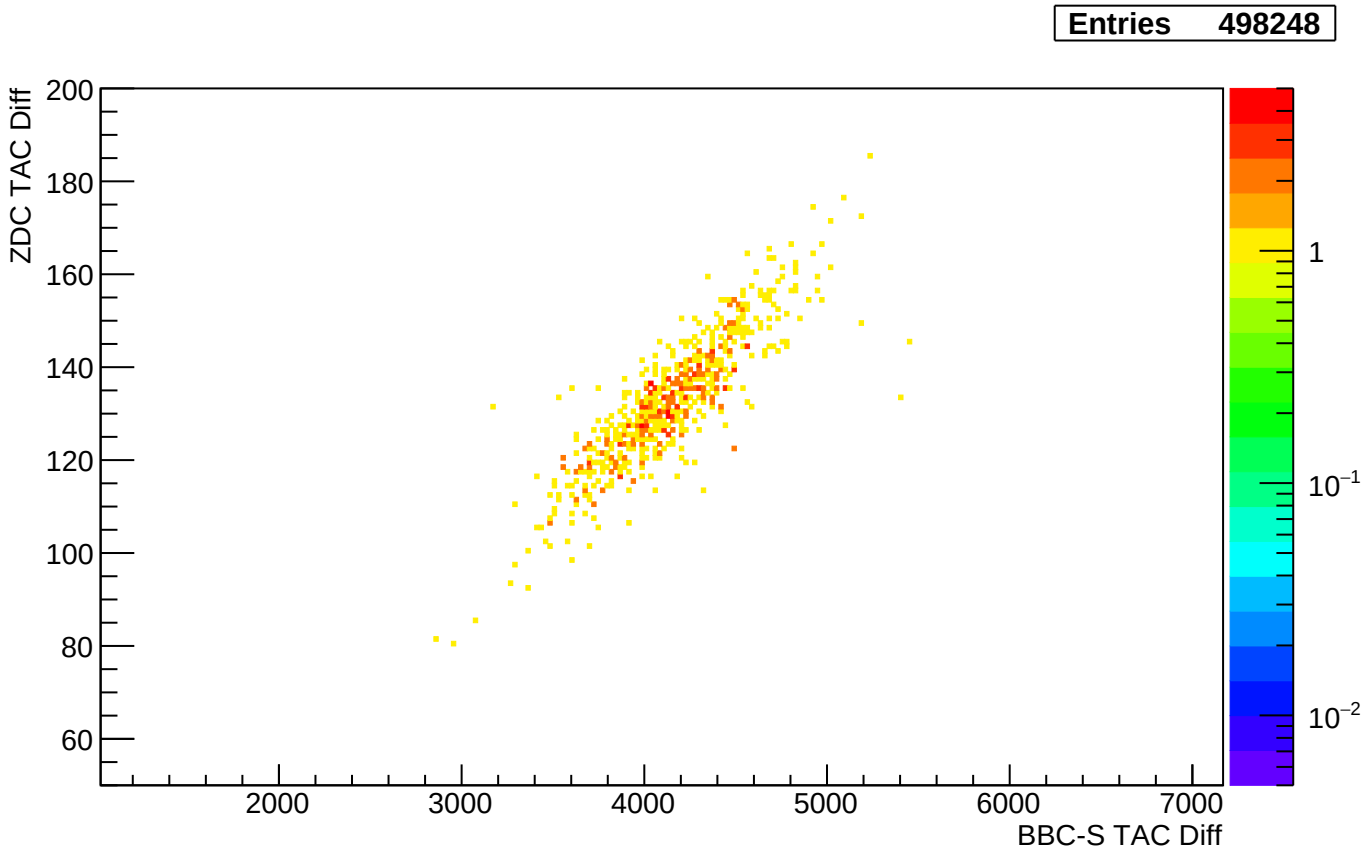

Entries 498248
TOF-Mult
EPD-West Hit Cnt

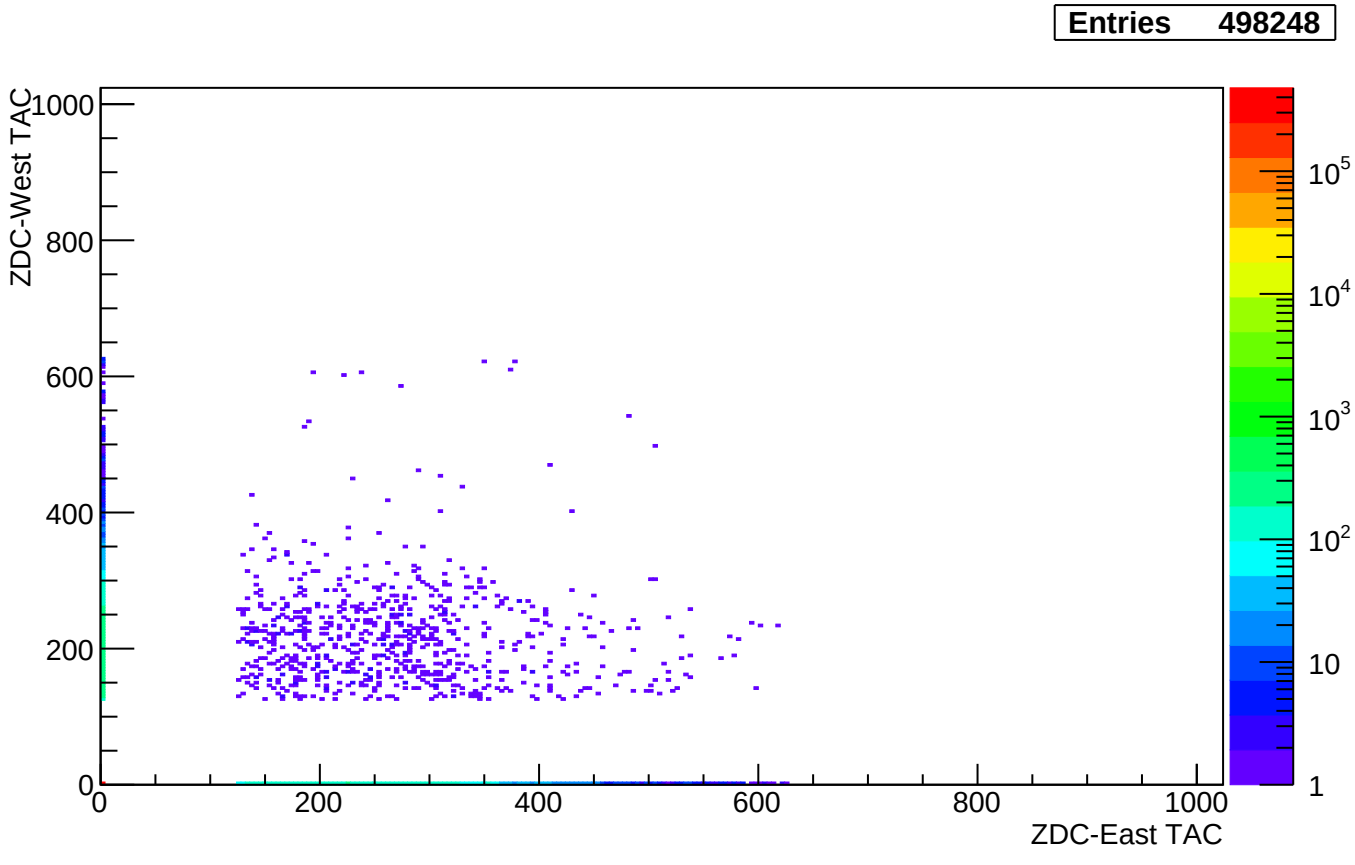

Entries 498248
TOF-Mult
VPD-East ADC Sum

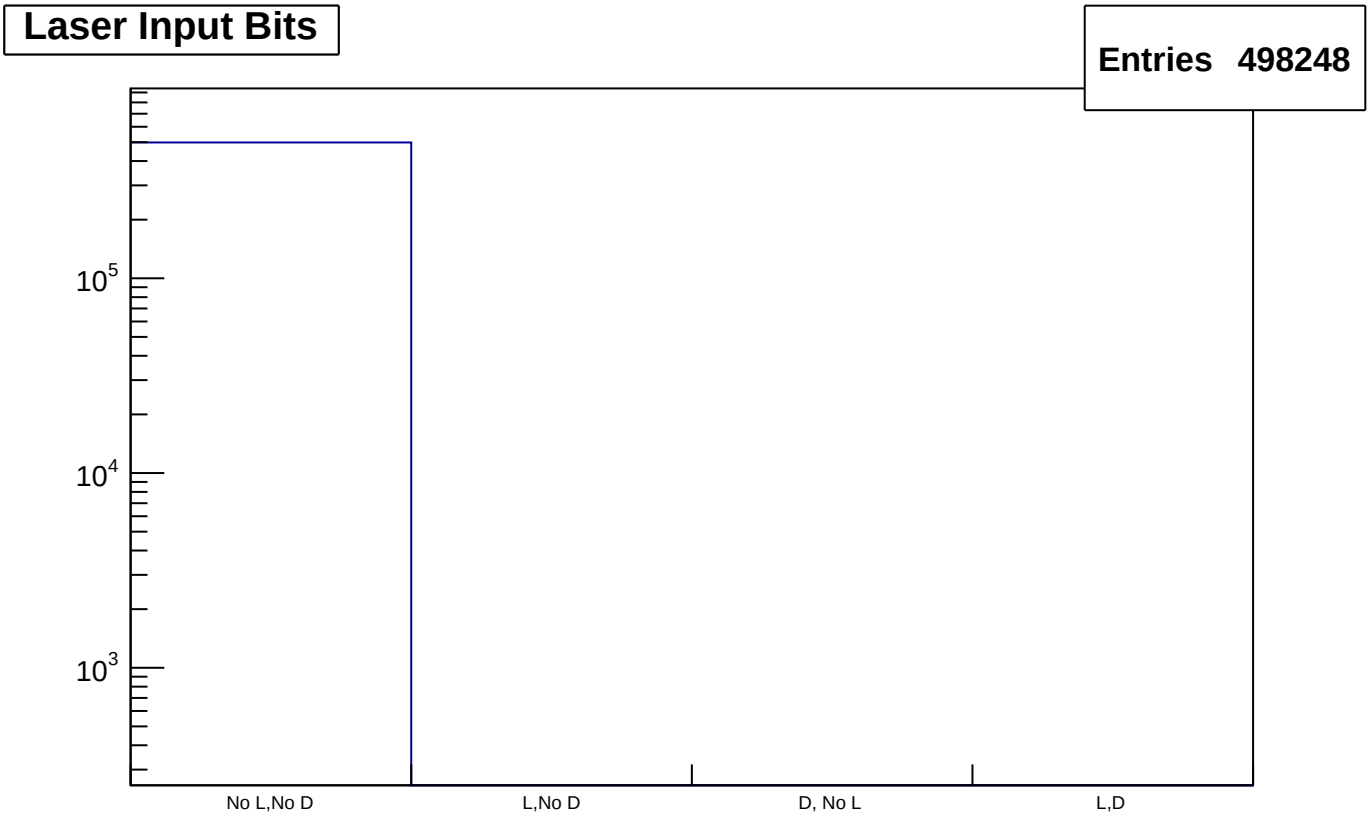

Entries 498248
TOF-Mult
VPD-West ADC Sum

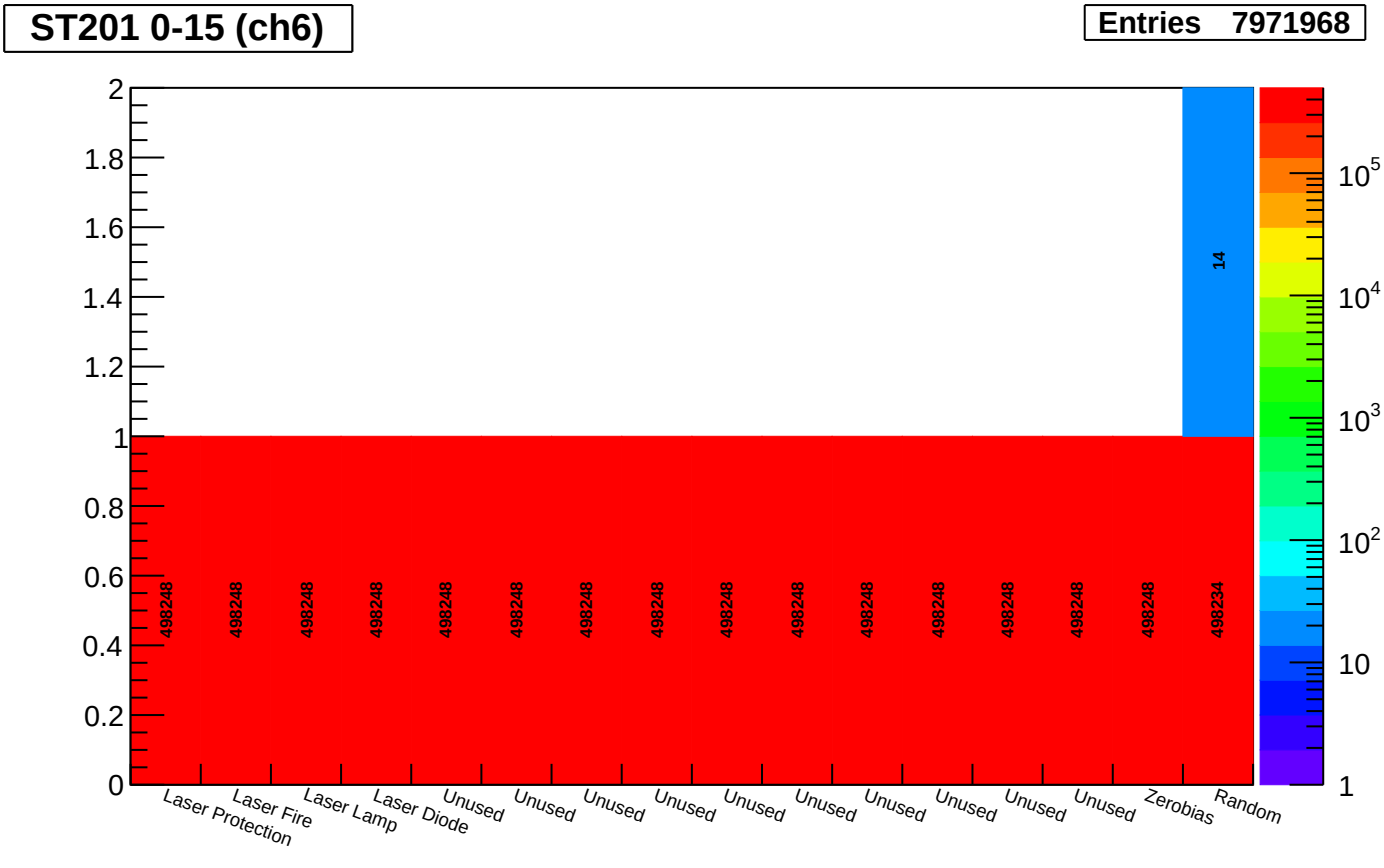

Entries 498248
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

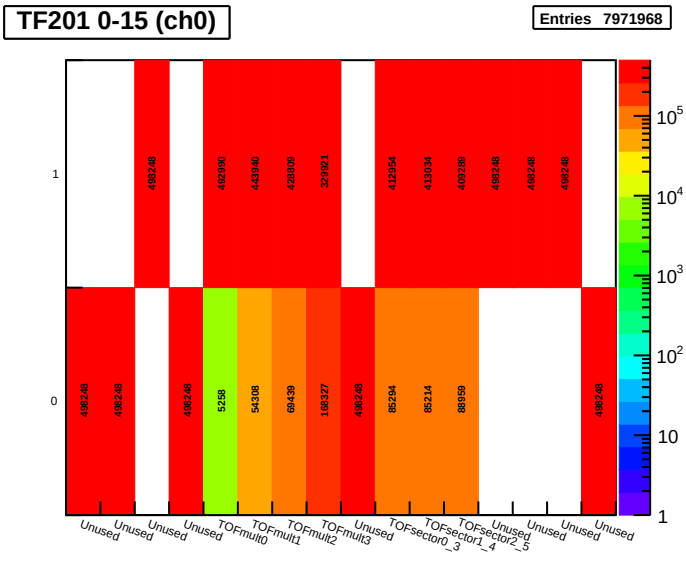

Entries 498248
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

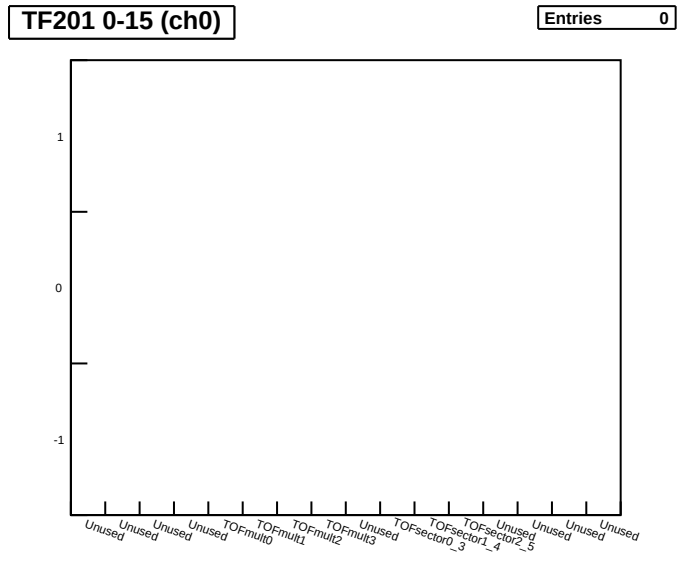

Entries 498248
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

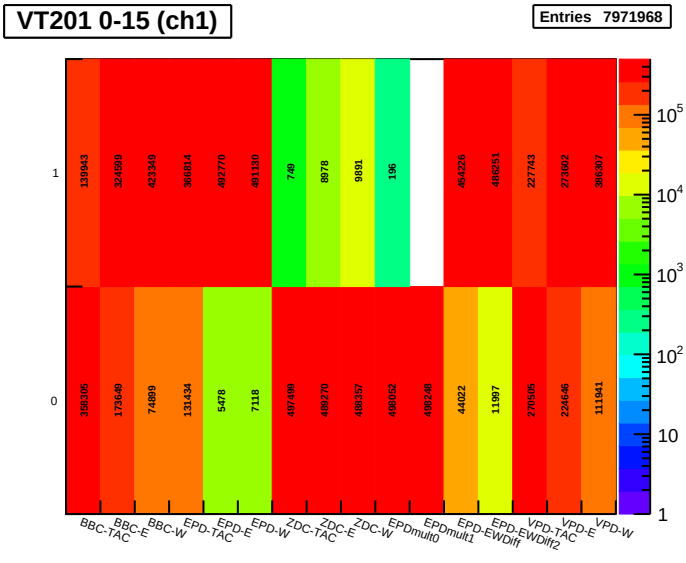

Entries 498248
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

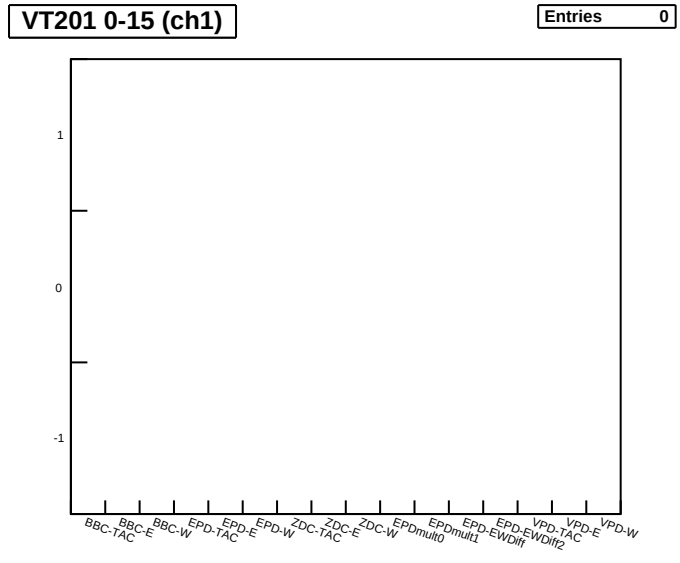

Laser Input Bits
Entries 498248
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

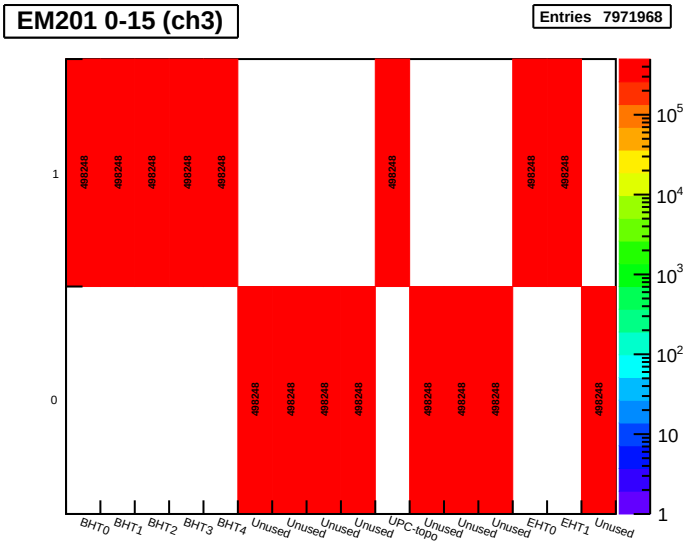

ST201 0-15 (ch6)
Entries 7971968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
498248
498234
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

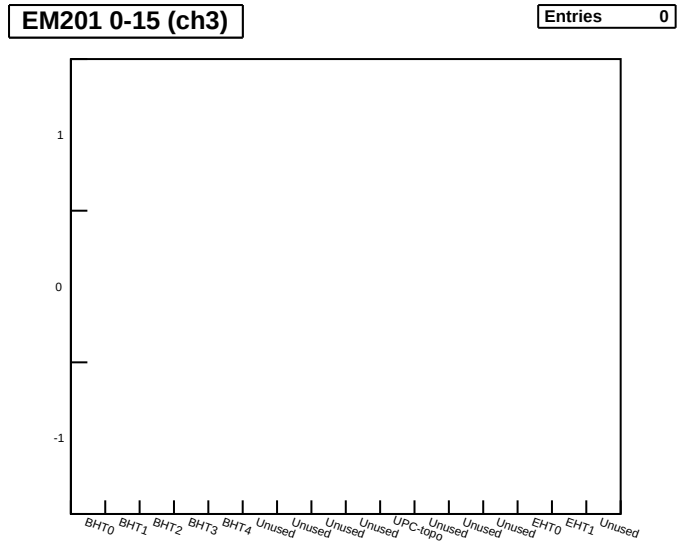

TF201 0-15 (ch0)
Entries 7971968
1
0
498248
492990
443940
428809
329921
412954
413034
409289
498248
498248
498248
498248
498248
498248
5258
54308
69439
168327
85294
85214
88959
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7971968
1
0
139943
324599
423349
366814
492770
491130
749
8978
9891
196
454226
486251
227743
273602
386307
358305
173649
74899
131434
5478
7118
497499
489270
488357
498052
498248
44022
11997
270505
224646
111941
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 7971968
1
0
498248
498248
498248
498248
498248
498248
498248
498248
498248
498248
498248
498248
498248
498248
498248
498248
498248
498248
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