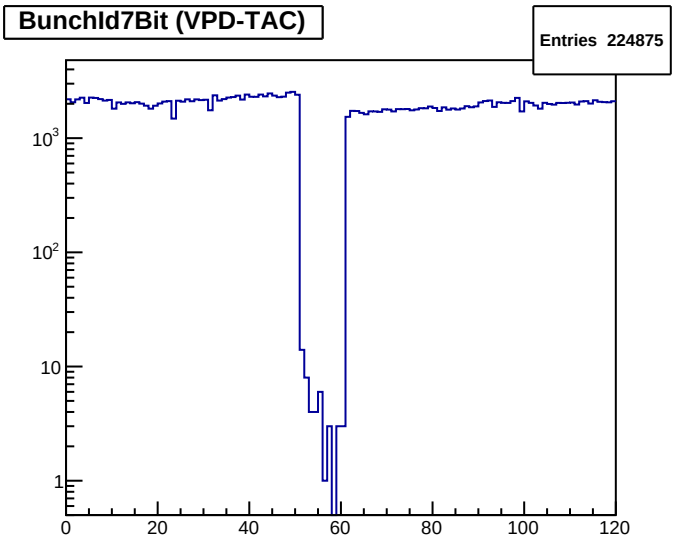
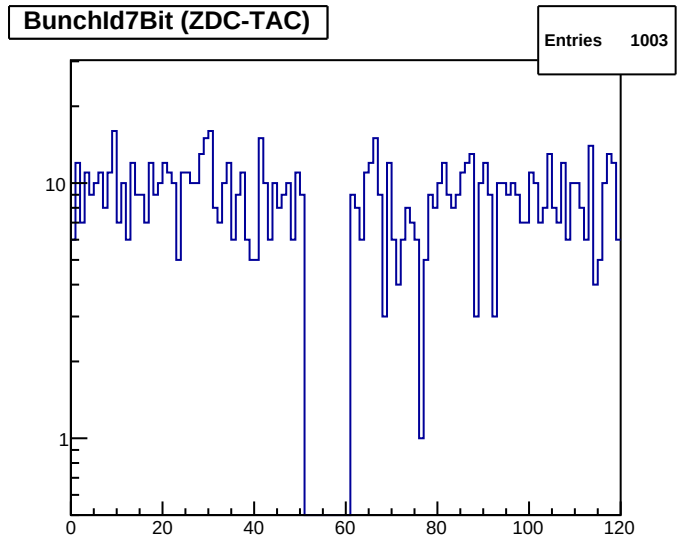
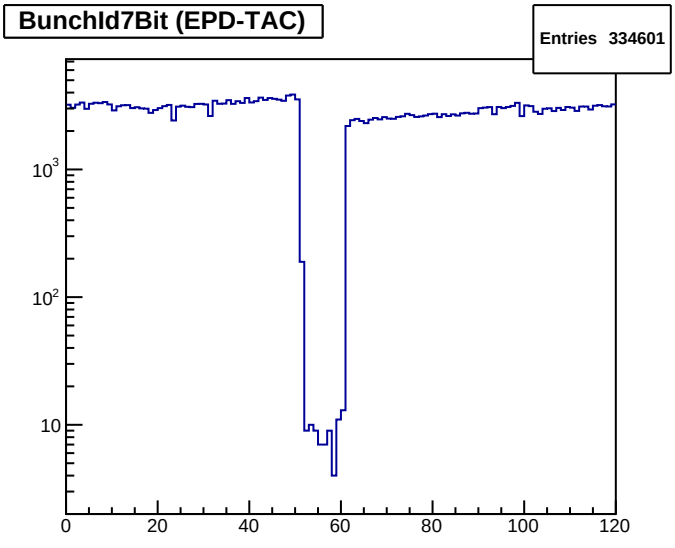
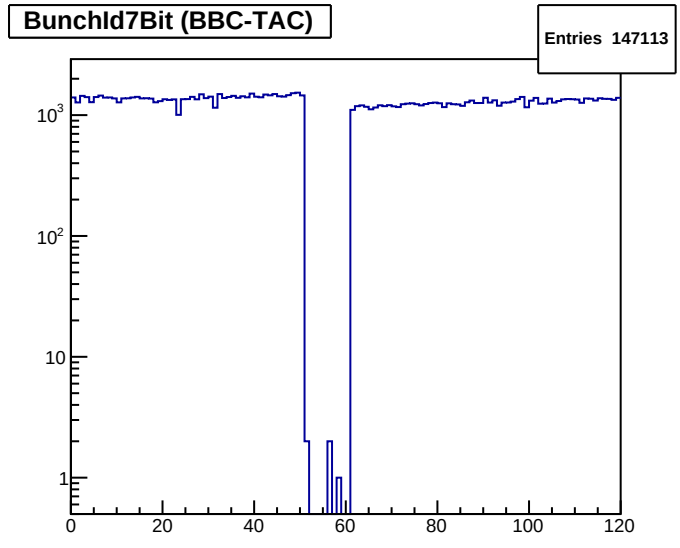
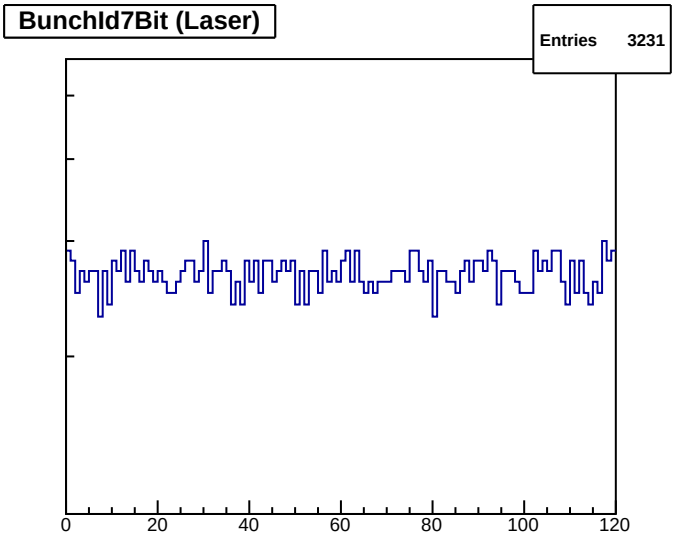
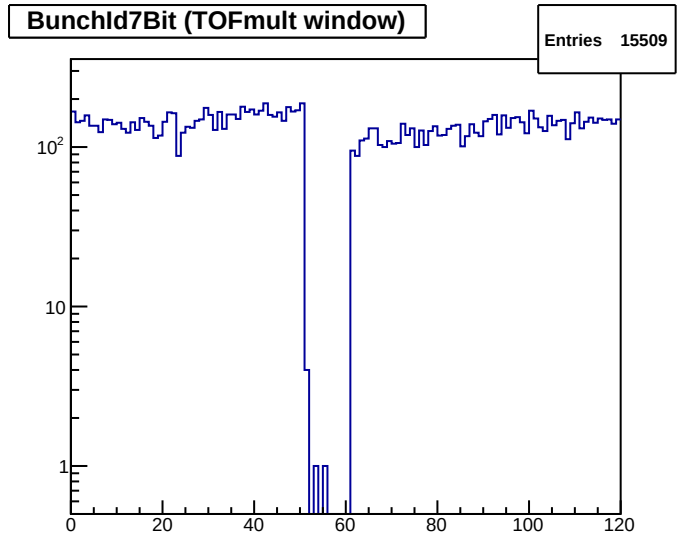

BunchId7Bit (VPD-TAC)
Entries 224875

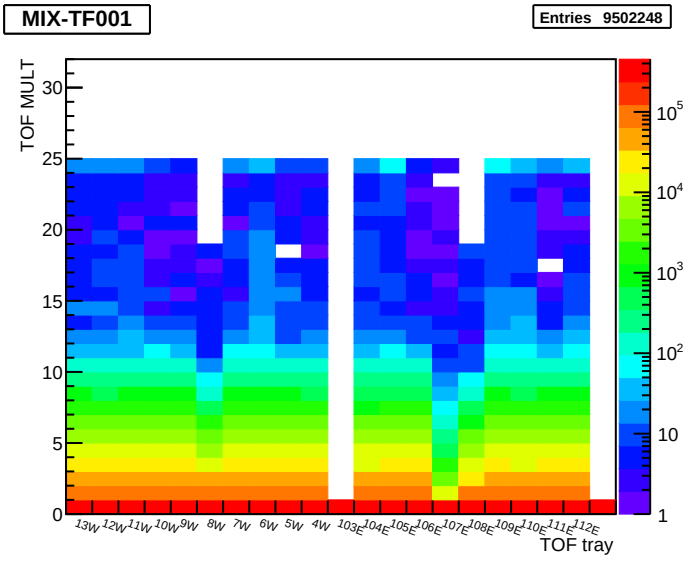

BunchId7Bit (ZDC-TAC)
Entries 1003

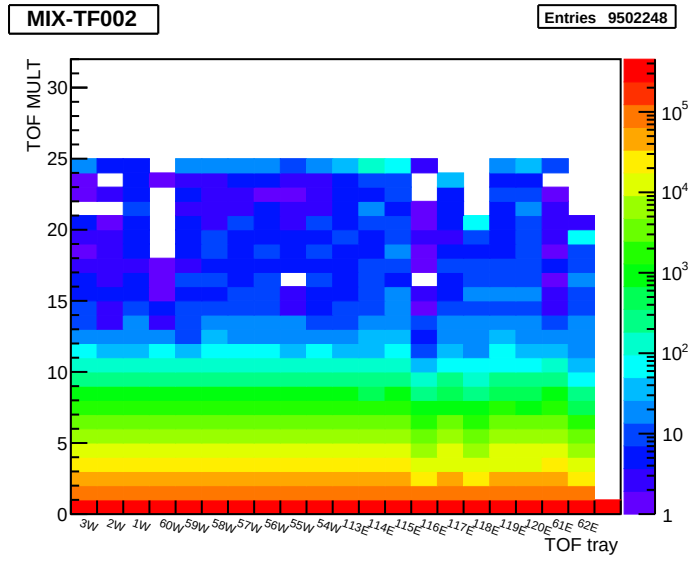

BunchId7Bit (EPD-TAC)
Entries 334601

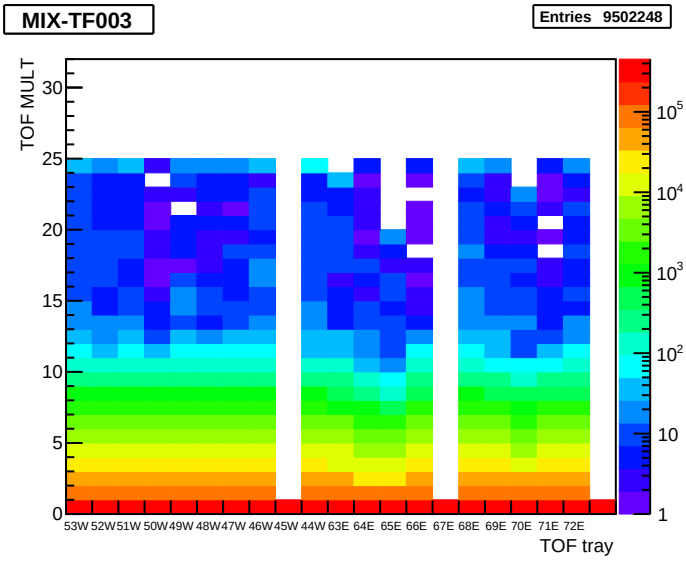

BunchId7Bit (BBC-TAC)
Entries 147113

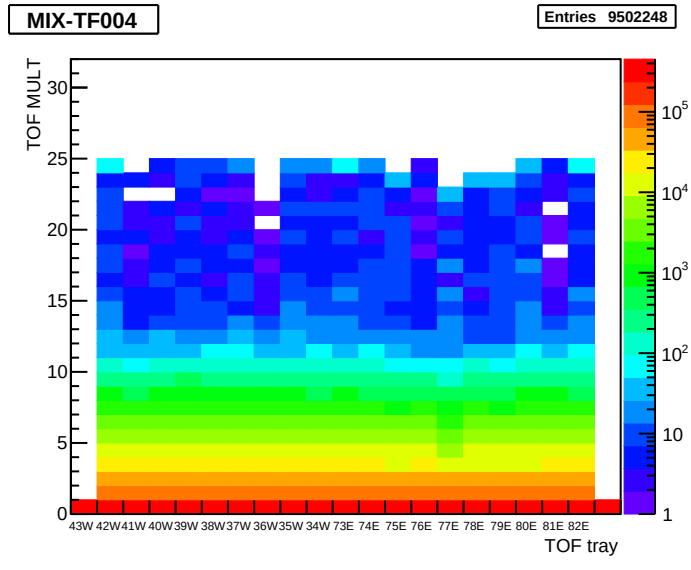

BunchId7Bit (Laser)
Entries 3231

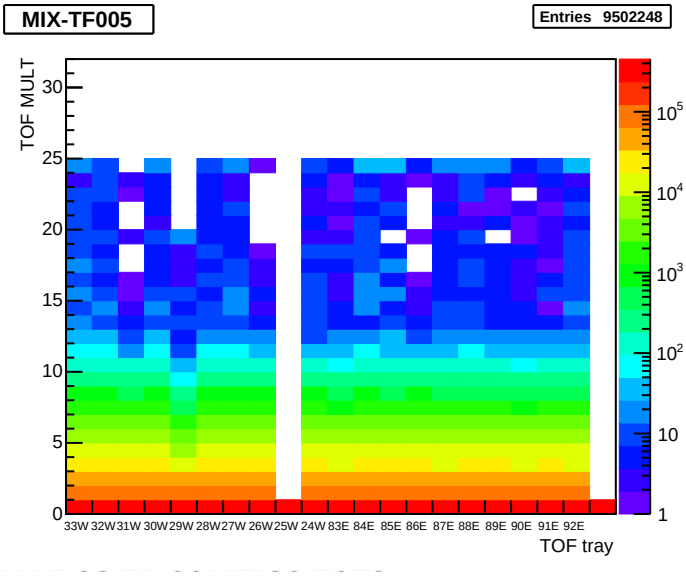

BunchId7Bit (TOFmult window)
Entries 15509

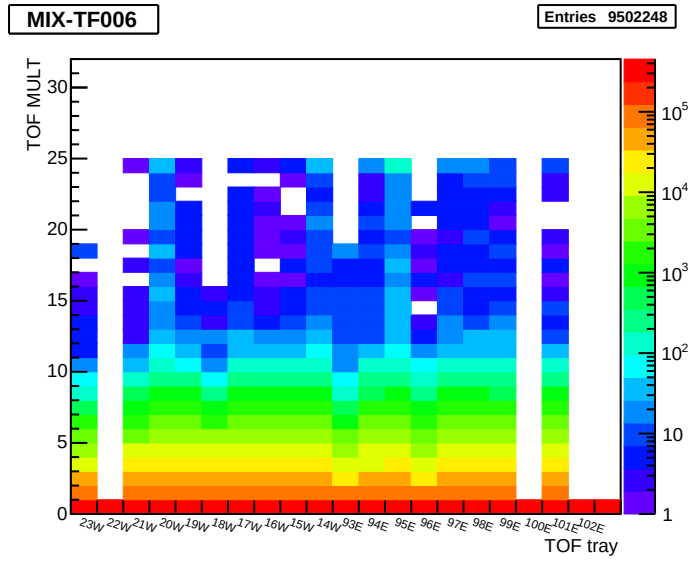

MIX-TF001
Entries 9502248
TOF MULT
TOF tray

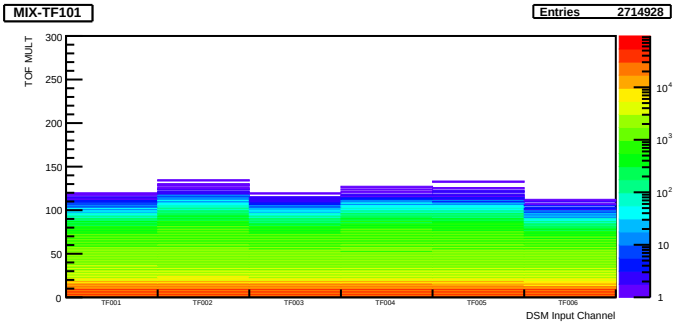

MIX-TF002
Entries 9502248
TOF MULT
TOF tray

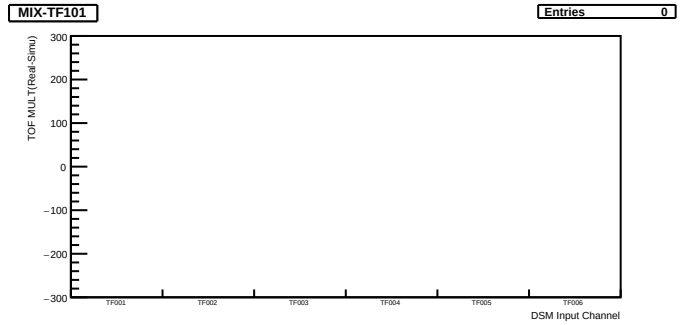

MIX-TF003
Entries 9502248
TOF MULT
TOF tray

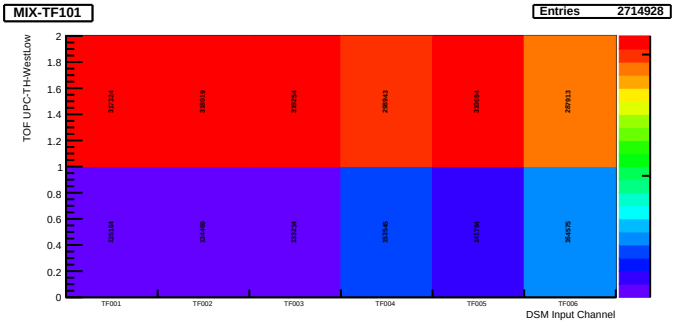

MIX-TF004
Entries 9502248
TOF MULT
TOF tray

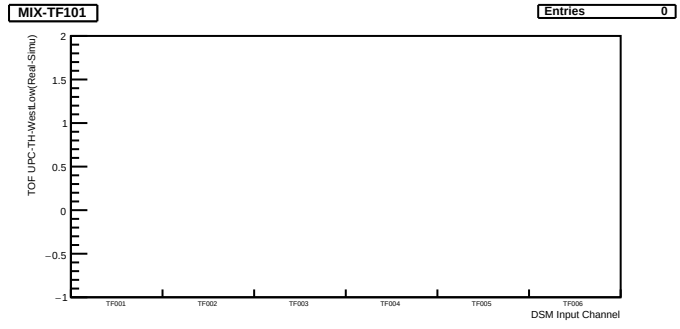

MIX-TF005
Entries 9502248
TOF MULT
TOF tray

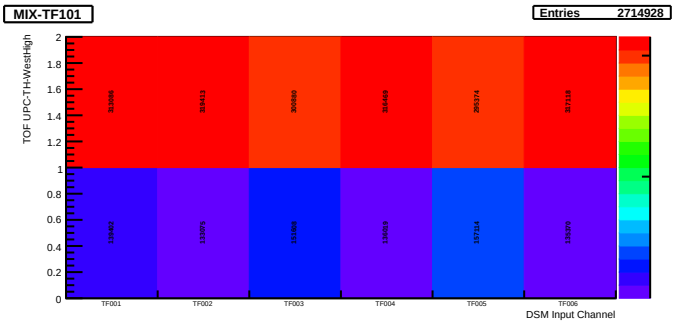

MIX-TF006
Entries 9502248
TOF MULT
TOF tray

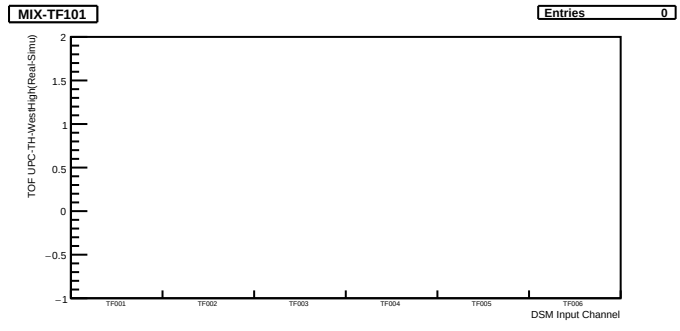

MIX-TF101
Entries 2714928
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

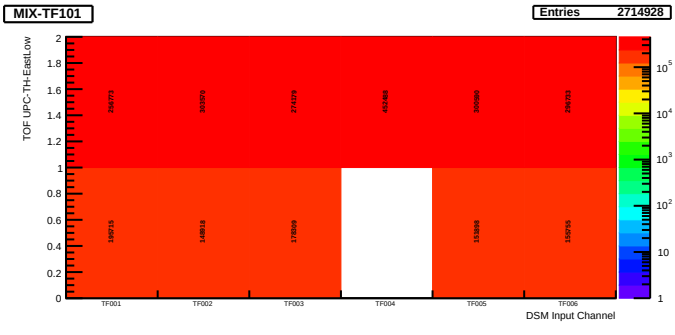

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

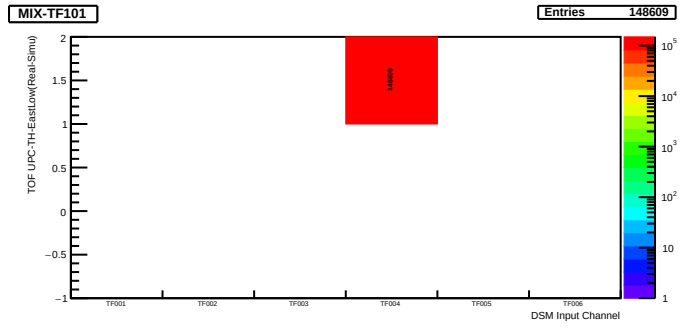

MIX-TF101
Entries 2714928
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

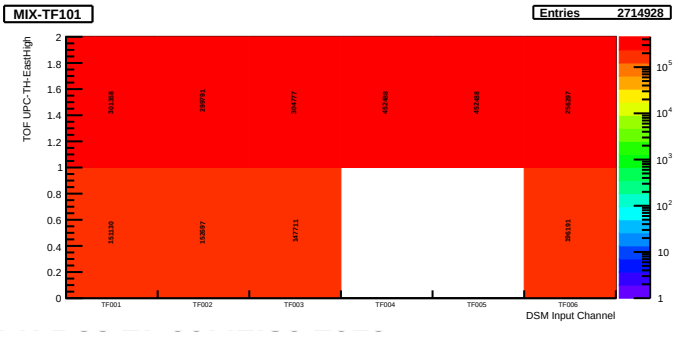

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

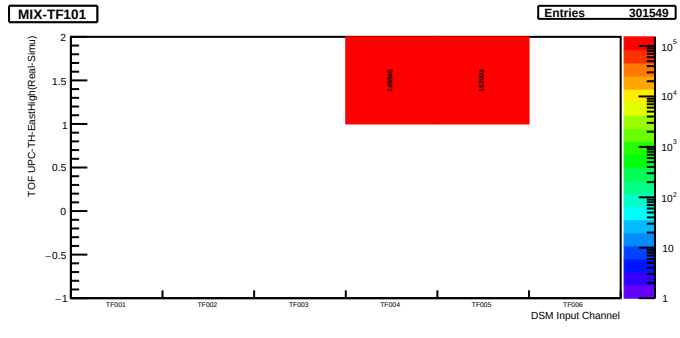

MIX-TF101
Entries 2714928
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

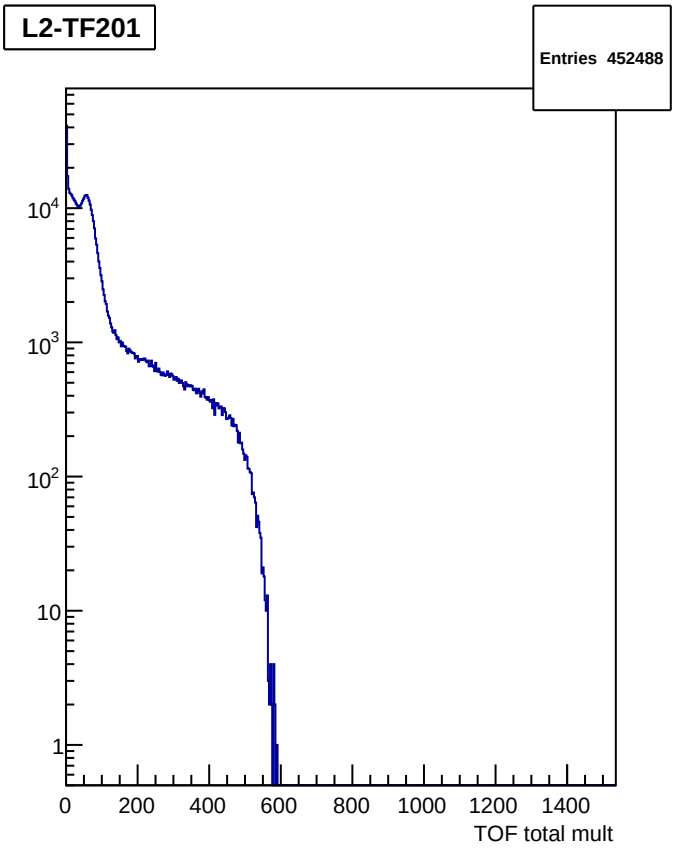

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

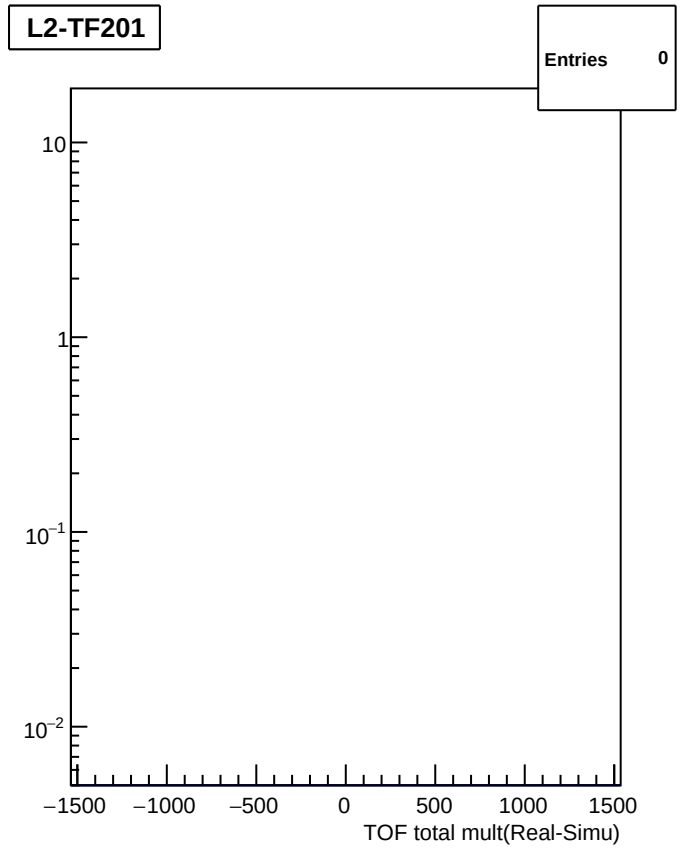

MIX-TF101
Entries 2714928
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

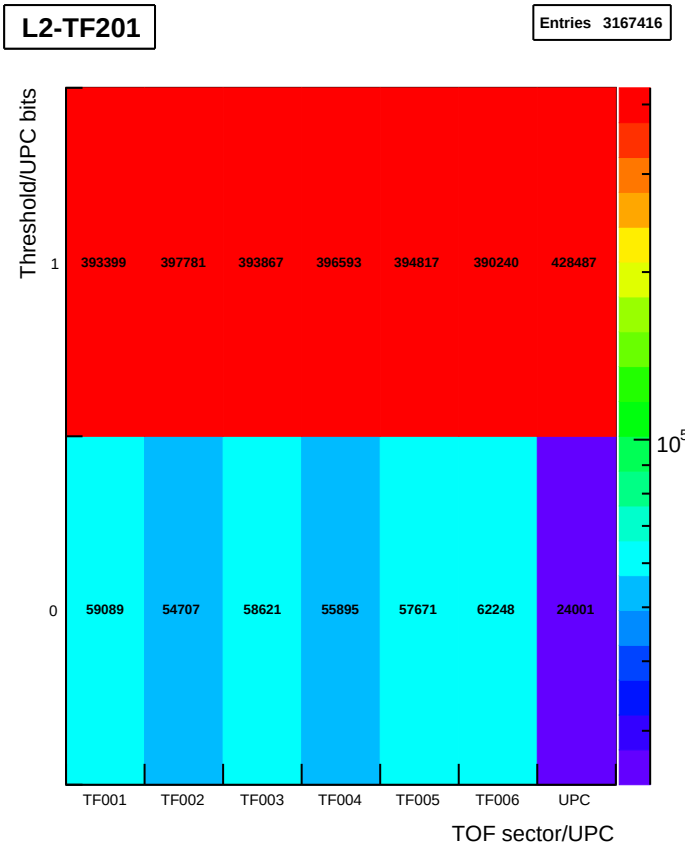

MIX-TF101
Entries 148609
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

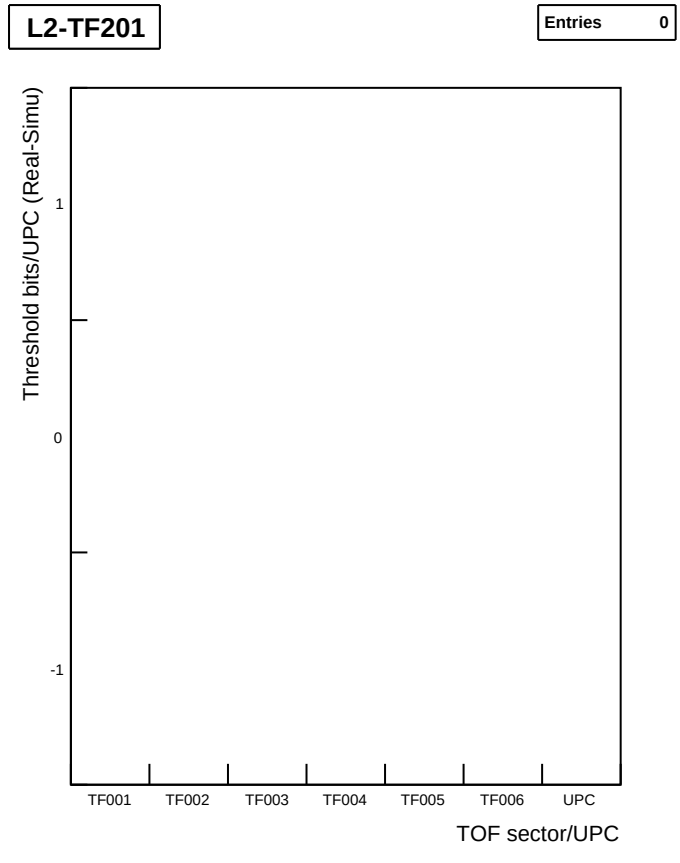

MIX-TF101
Entries 2714928
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

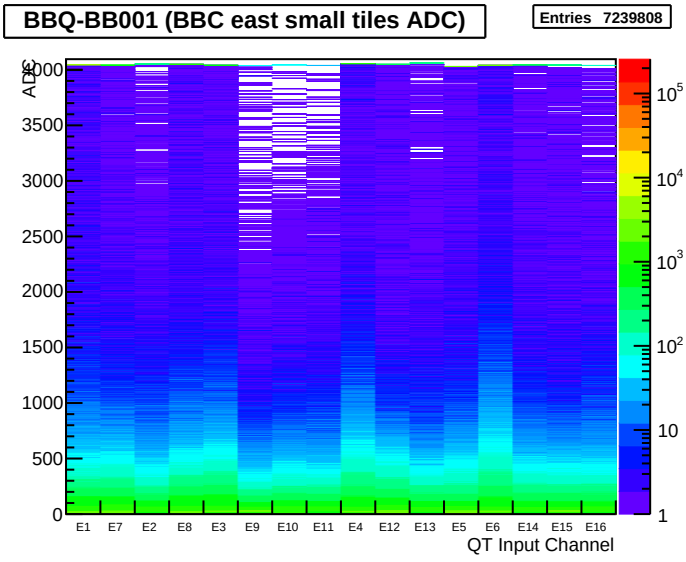

MIX-TF101
Entries 301549
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

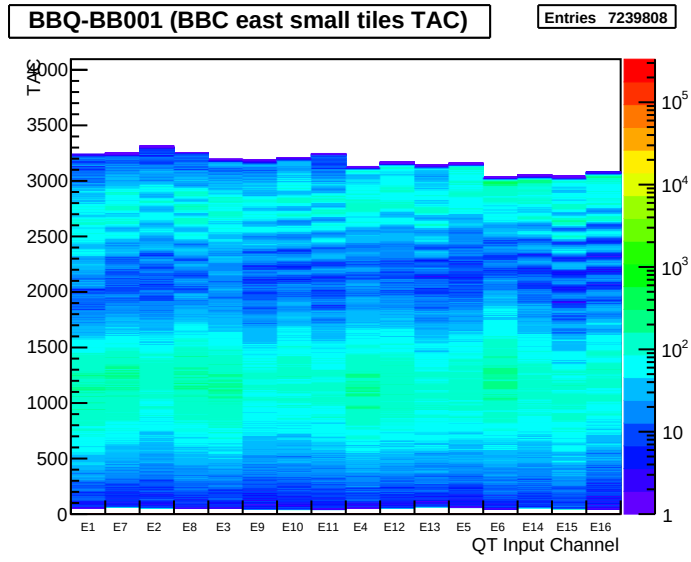

L2-TF201
Entries 452488
TOF total mult

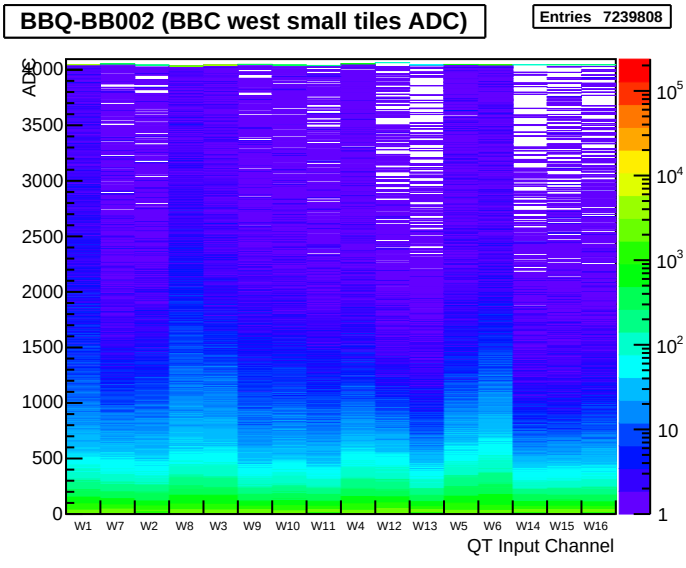

L2-TF201
Entries 0
TOF total mult(Real-Simu)

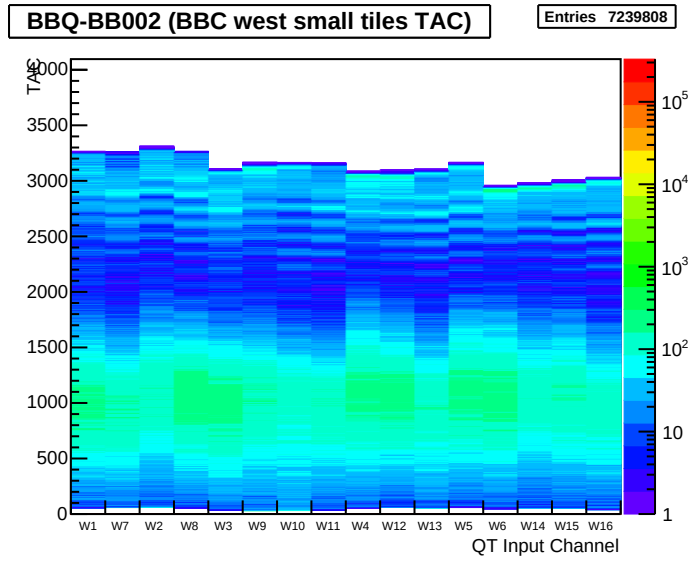

L2-TF201
Entries 3167416
Threshold/UPC bits
393399
397781
393867
396593
394817
390240
428487
59089
54707
58621
55895
57671
62248
24001
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

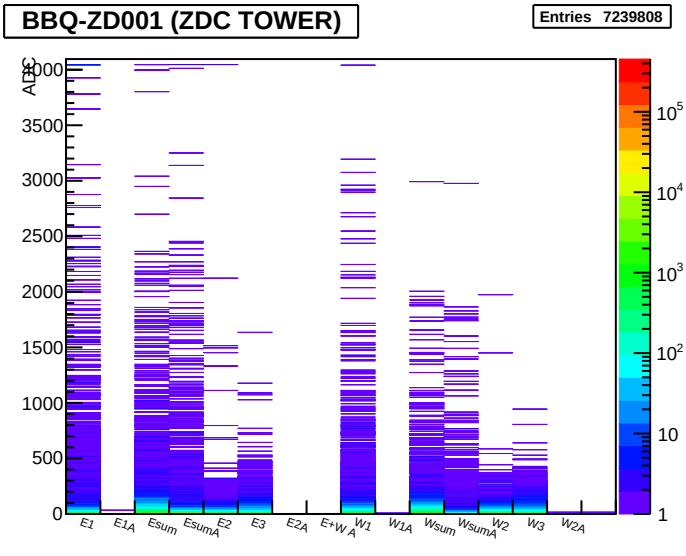

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

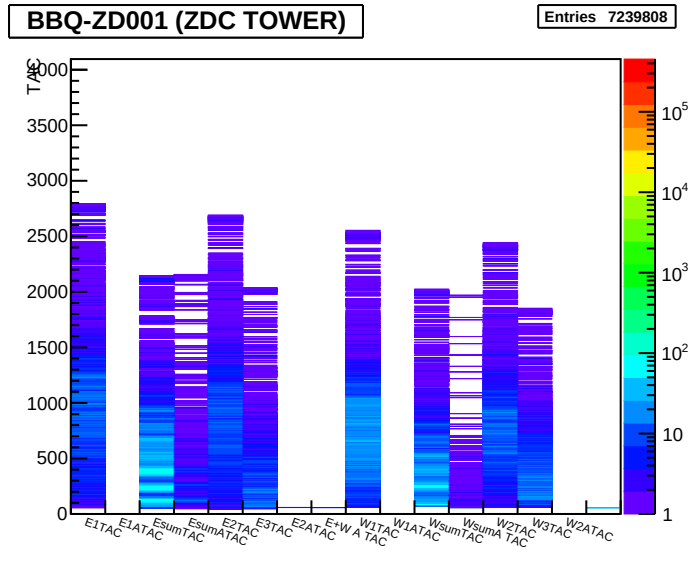

BBQ-BB001 (BBC east small tiles ADC)
Entries 7239808
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

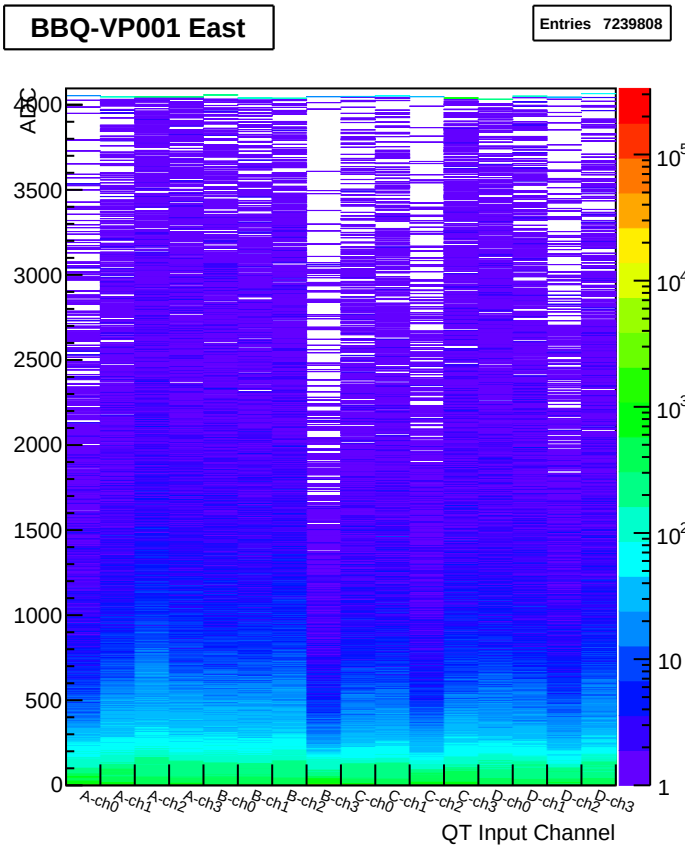

BBQ-BB001 (BBC east small tiles TAC)
Entries 7239808
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

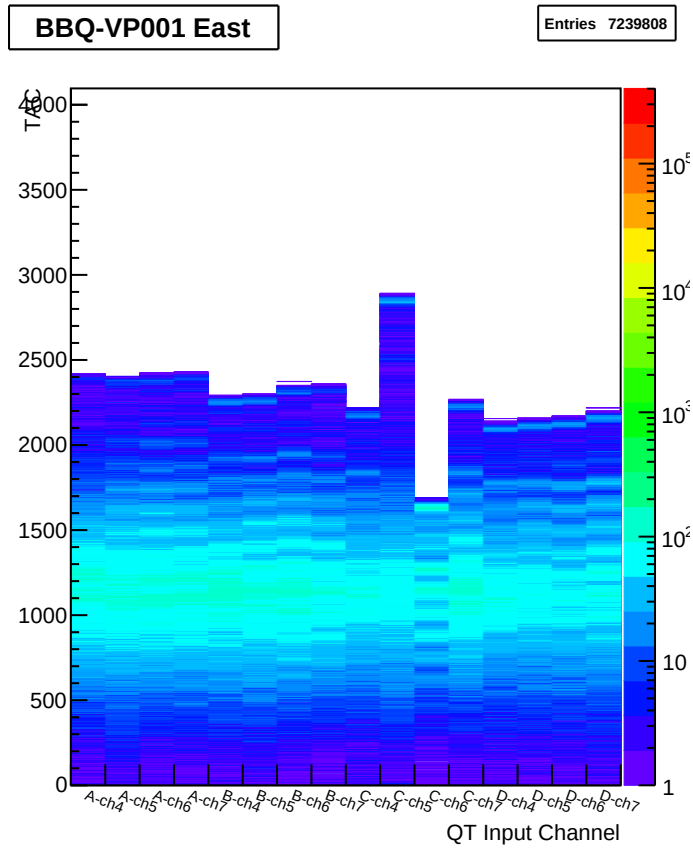

BBQ-BB002 (BBC west small tiles ADC)
Entries 7239808
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

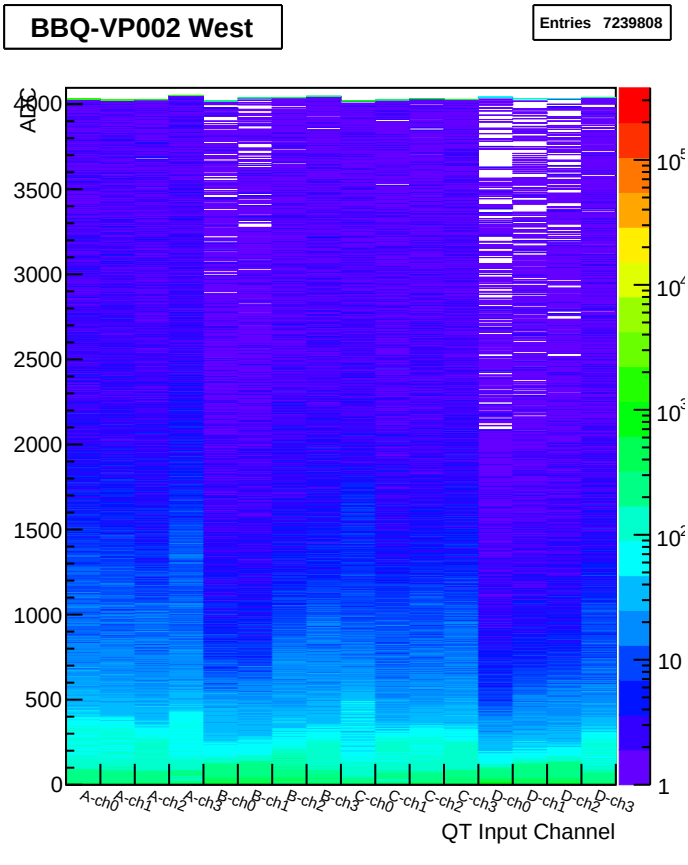

BBQ-BB002 (BBC west small tiles TAC)
Entries 7239808
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

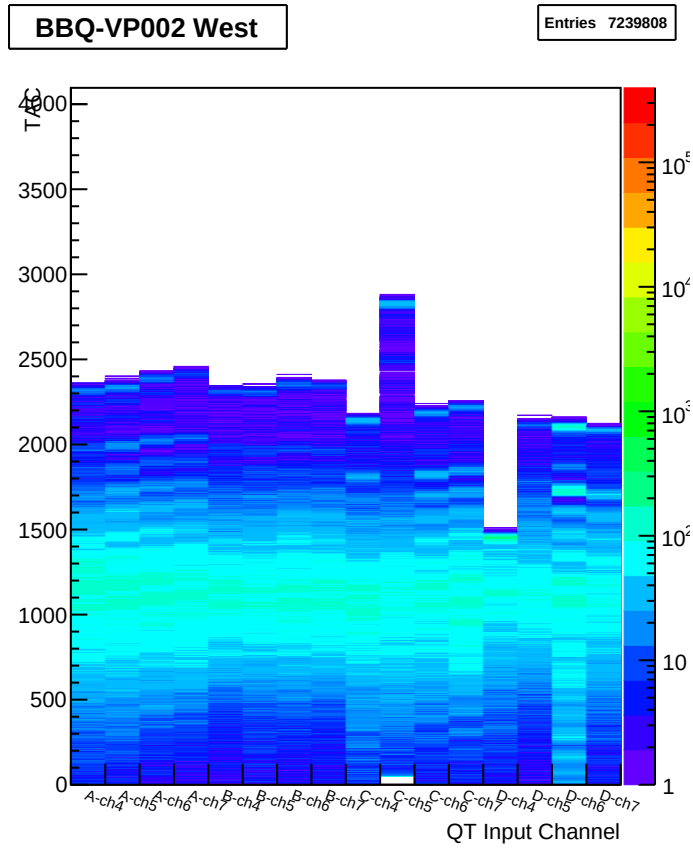

BBQ-ZD001 (ZDC TOWER)
Entries 7239808
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

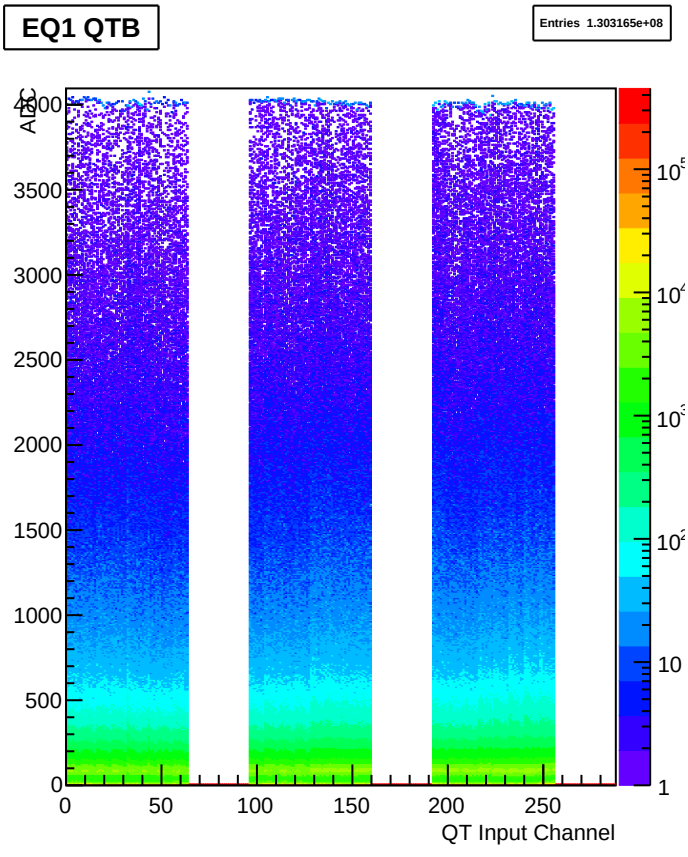

BBQ-ZD001 (ZDC TOWER)
Entries 7239808
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

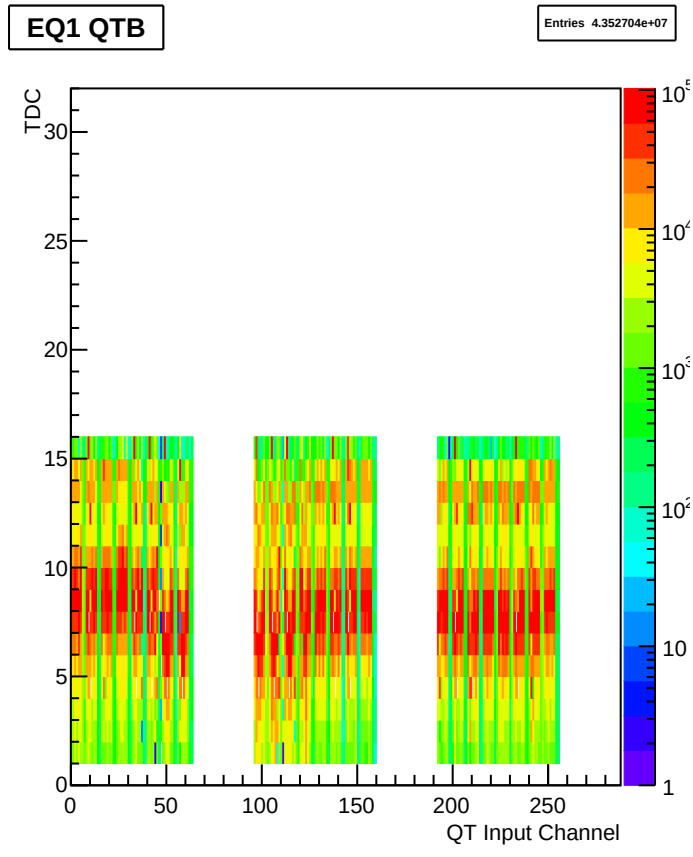

BBQ-VP001 East
Entries 7239808
ADC
QT Input Channel

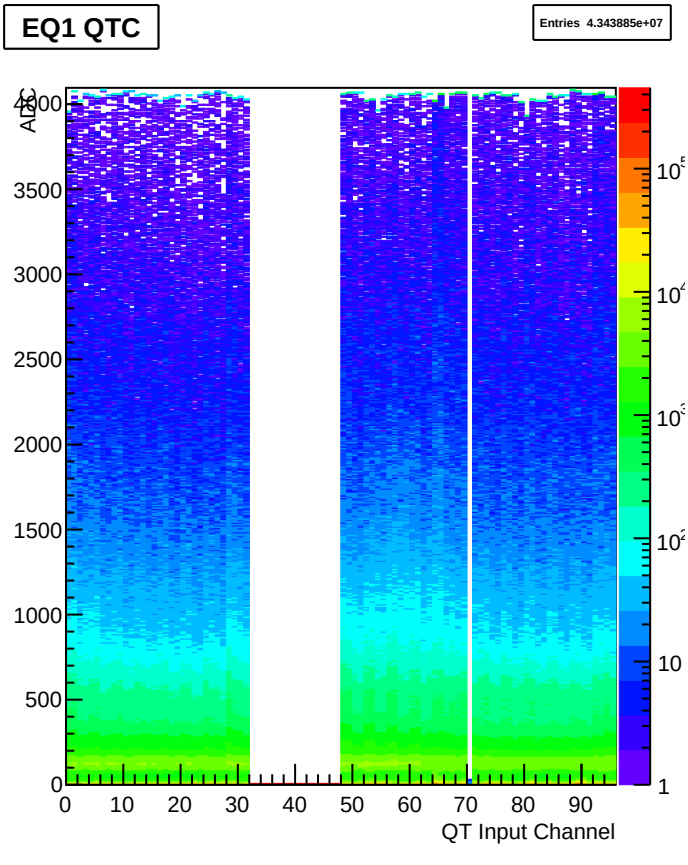

BBQ-VP001 East
Entries 7239808
TADC
QT Input Channel

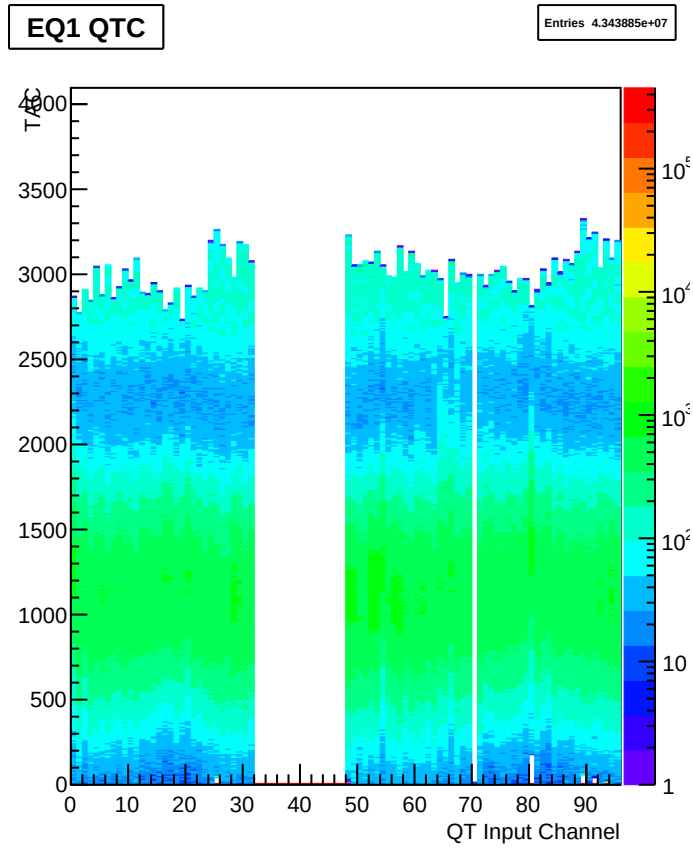

BBQ-VP002 West
Entries 7239808
ADC
QT Input Channel

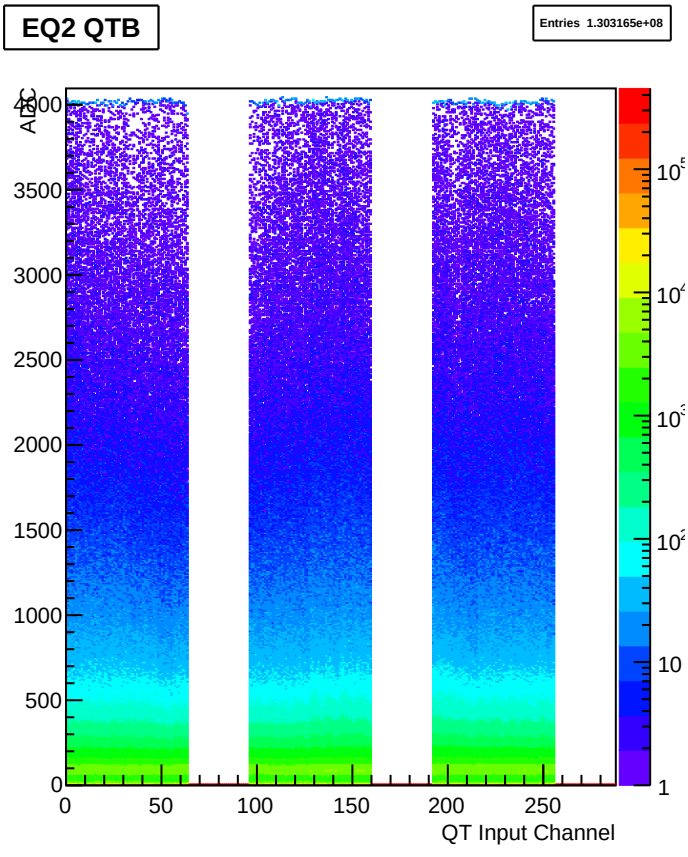

BBQ-VP002 West
Entries 7239808
TADC
QT Input Channel

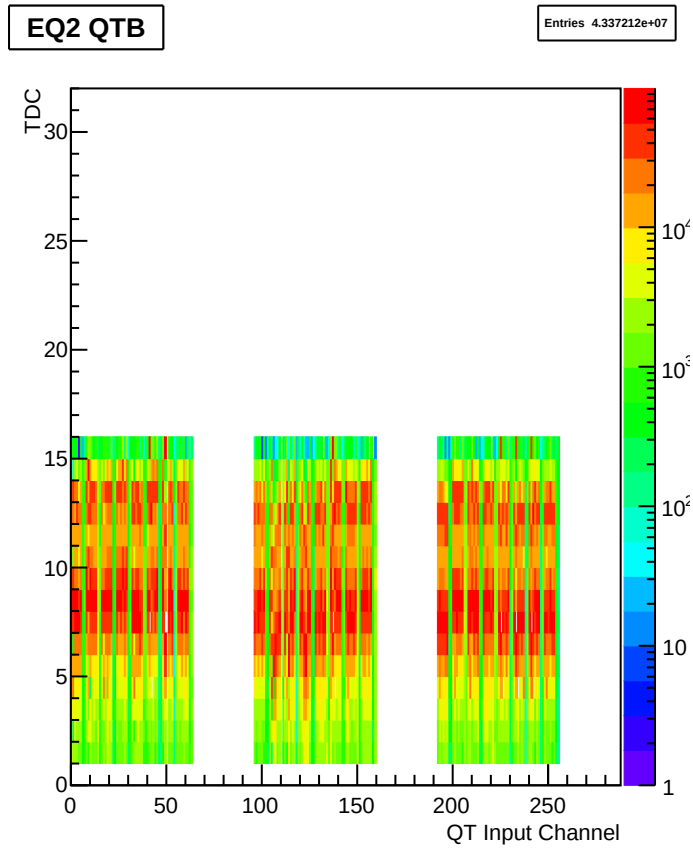

EQ1 QTB
Entries 1.303165e+08
ADC
QT Input Channel

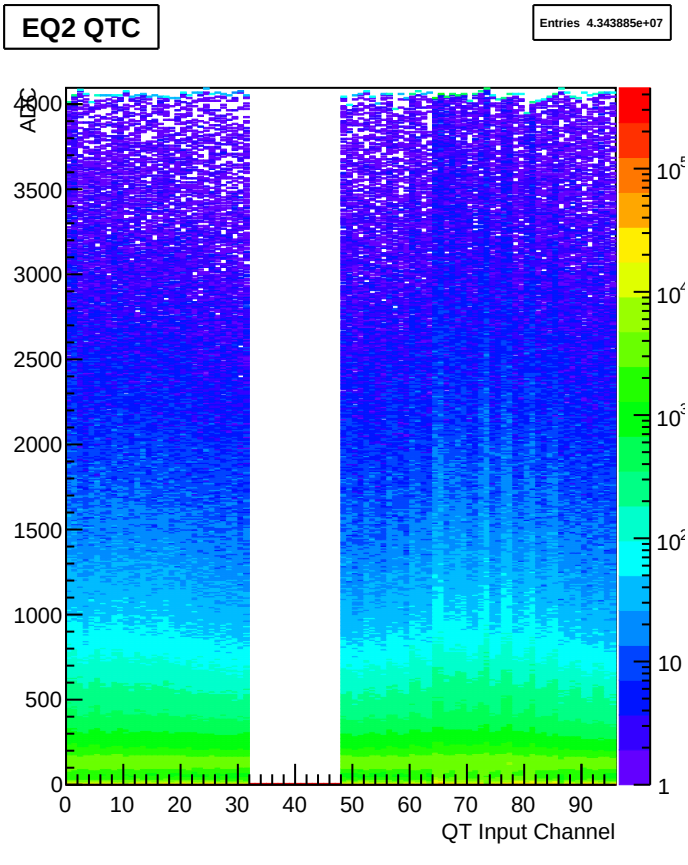

EQ1 QTB
Entries 4.352704e+07
TDC
QT Input Channel

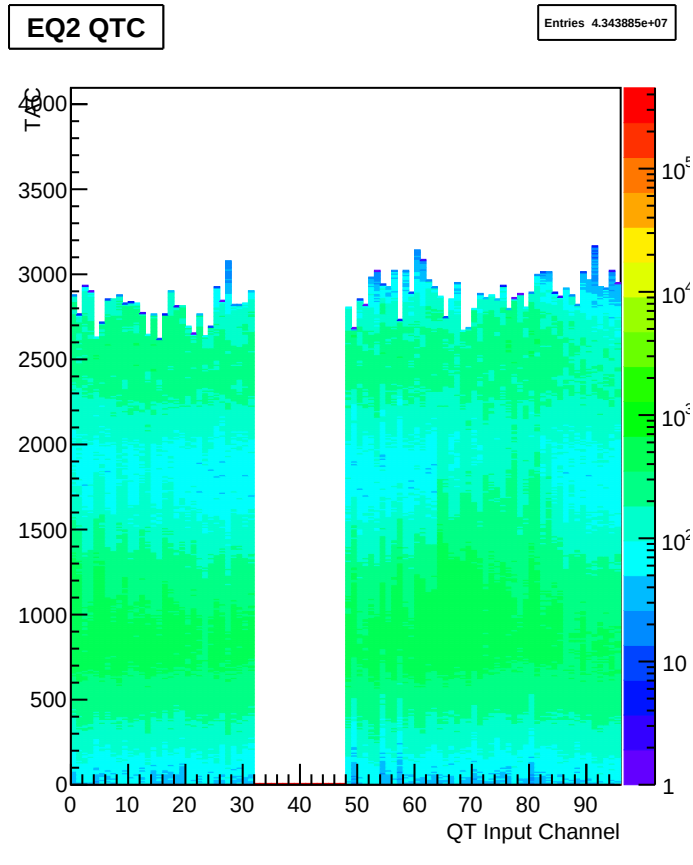

EQ1 QTC
Entries 4.343885e+07
ADC
QT Input Channel

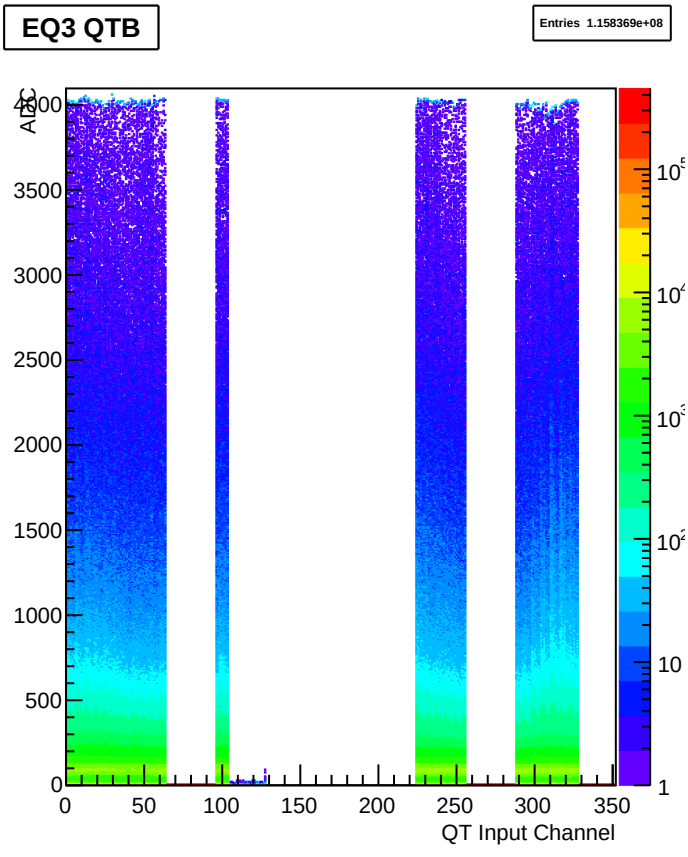

EQ1 QTC
Entries 4.343885e+07
TADC
QT Input Channel

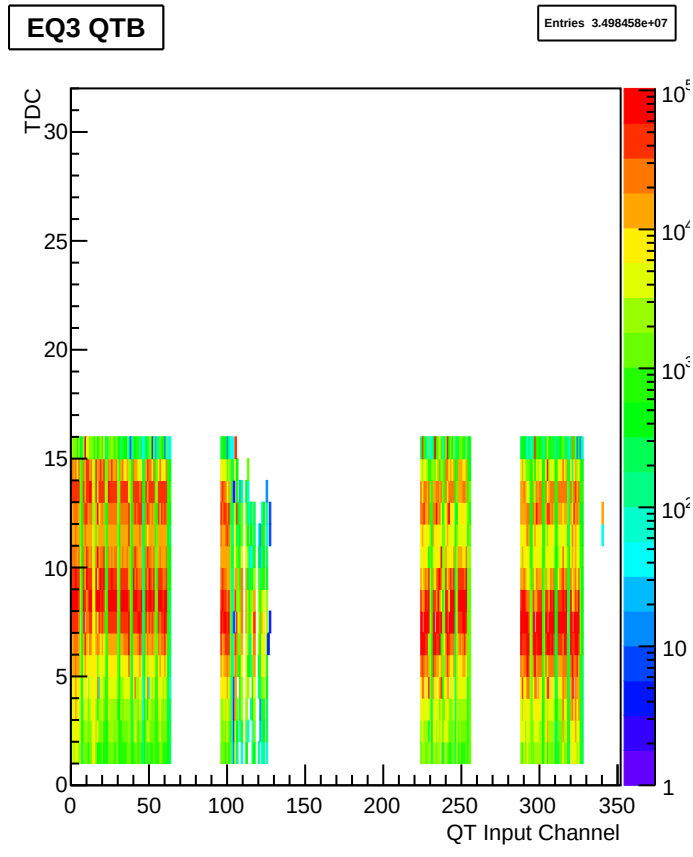

EQ2 QTB
Entries 1.303165e+08
ADC
QT Input Channel

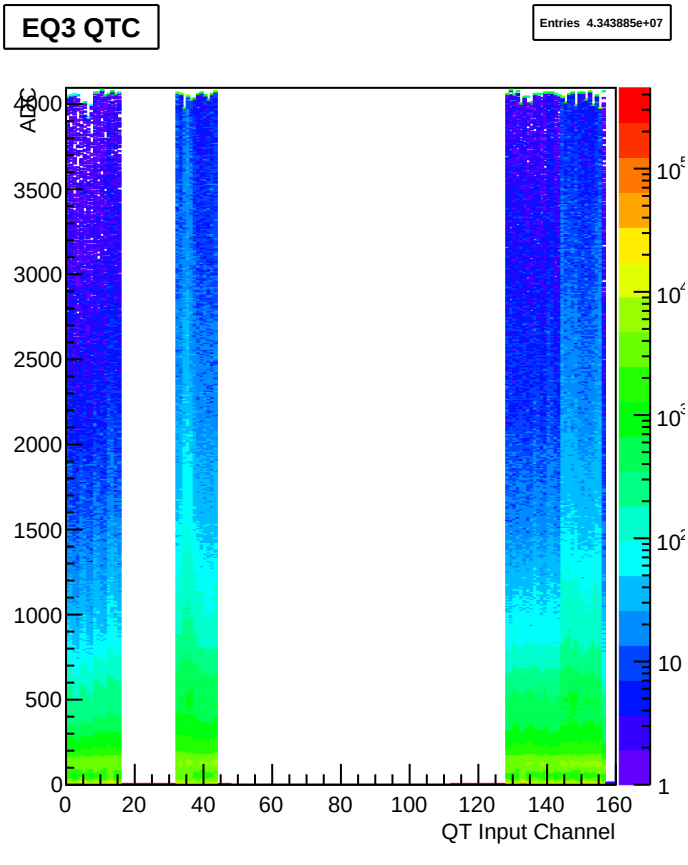

EQ2 QTB
Entries 4.337212e+07
TDC
QT Input Channel

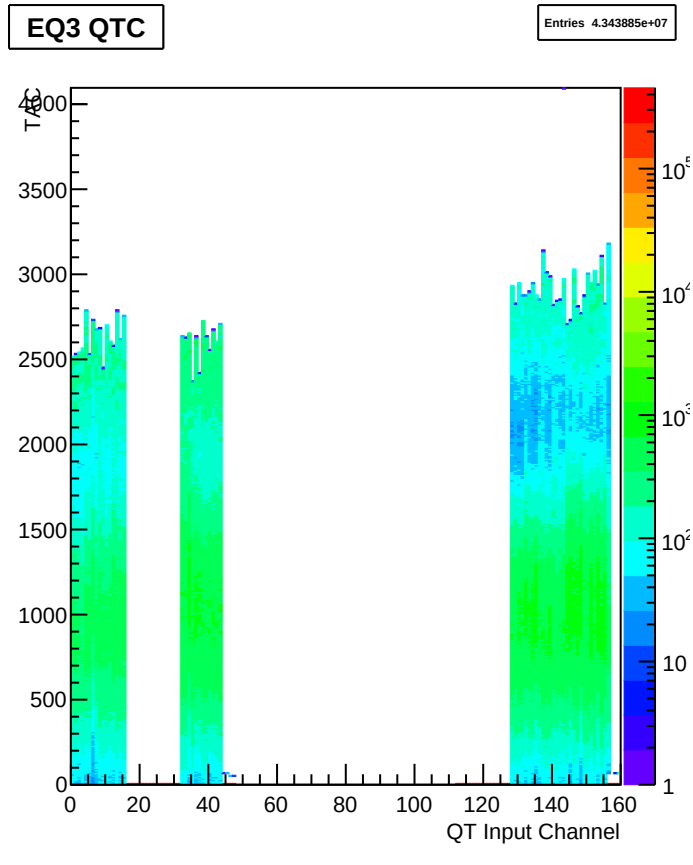

EQ2 QTC
Entries 4.343885e+07
ADC
QT Input Channel

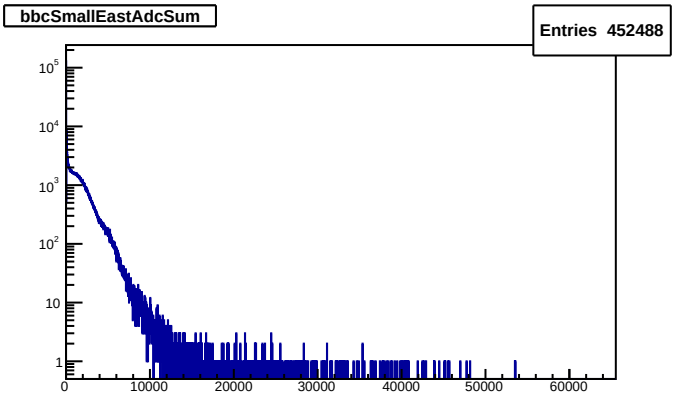

EQ2 QTC
Entries 4.343885e+07
TADC
QT Input Channel

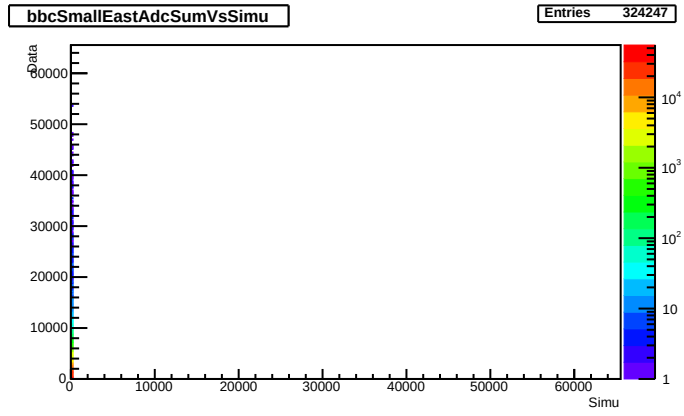

EQ3 QTB
Entries 1.158369e+08
ADC
QT Input Channel

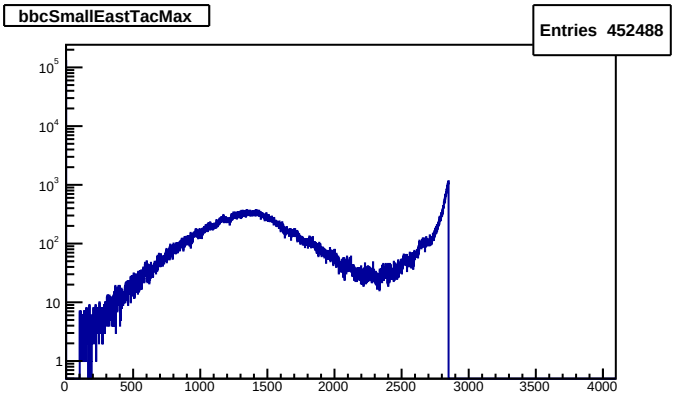

EQ3 QTB
Entries 3.498458e+07
TDC
QT Input Channel

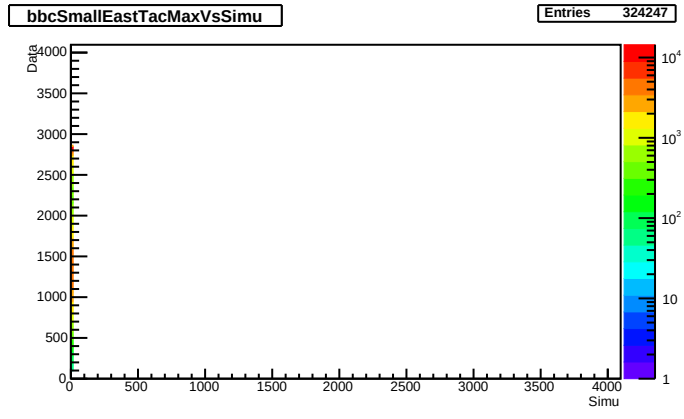

EQ3 QTC
Entries 4.343885e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.343885e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 452488


bbcSmallEastAdcSumVsSimu
Entries 324247
Data
Simu


bbcSmallEastTacMax
Entries 452488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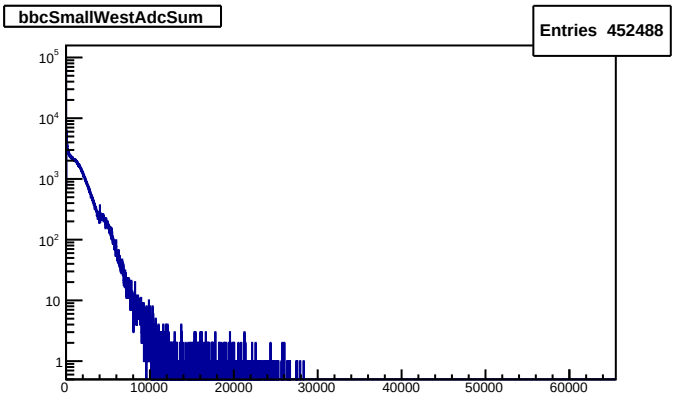
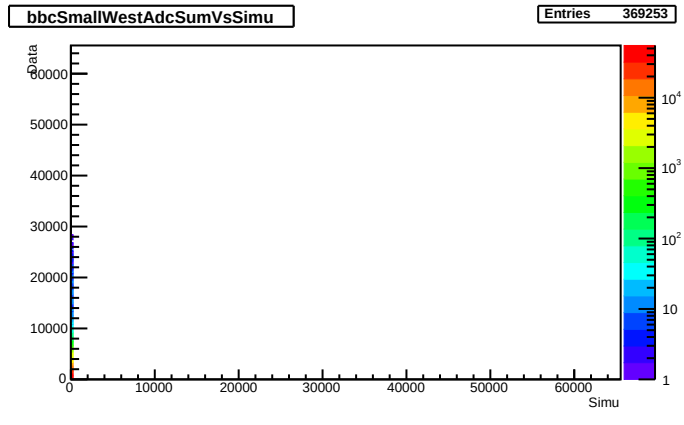
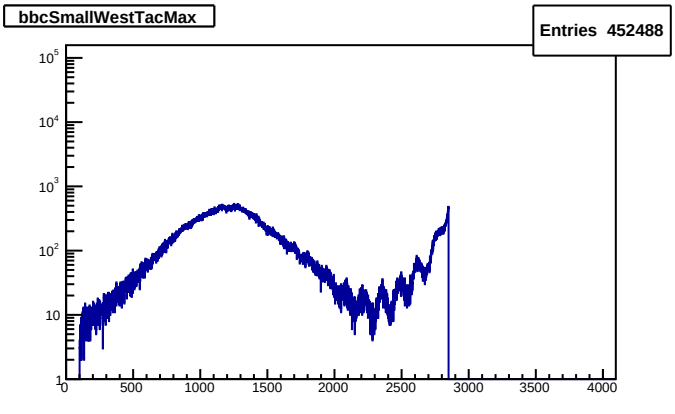
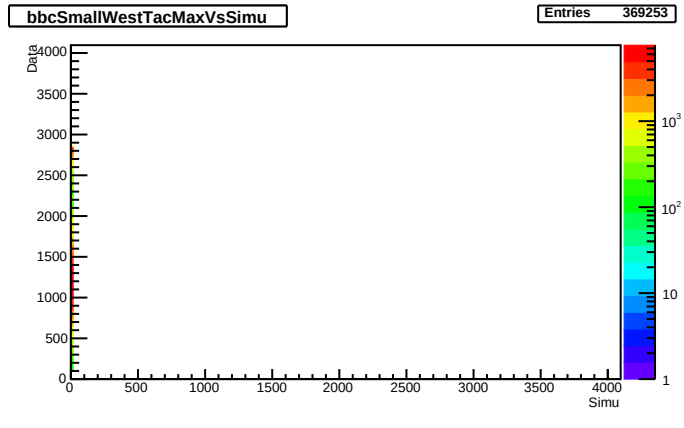
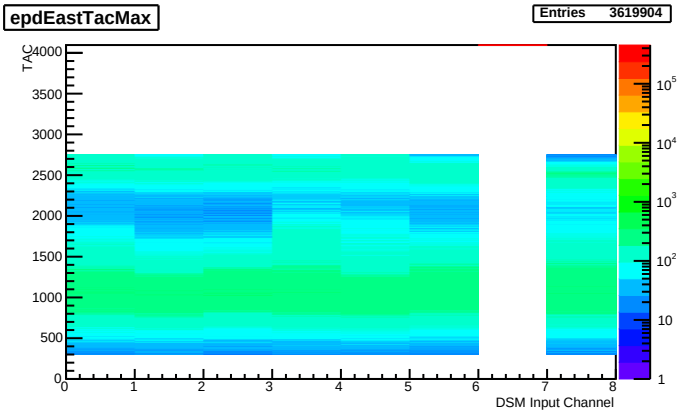
Entries 324247
Data
Simu

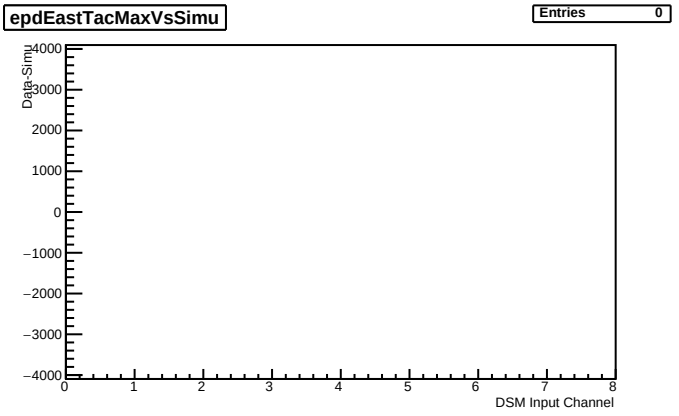

bbcSmallWestAdcSum
Entries 452488

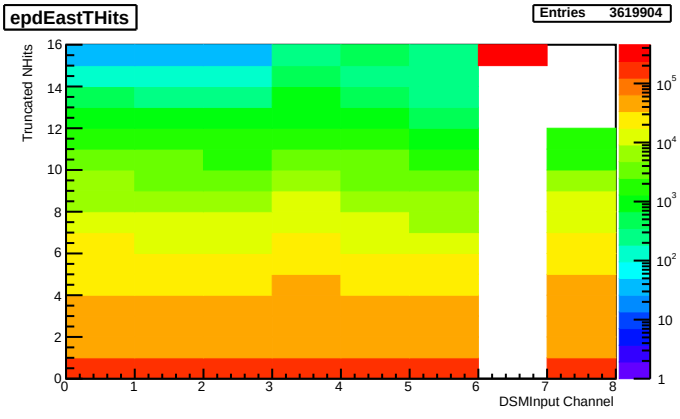

bbcSmallWestAdcSumVsSimu
Entries 369253
Data
Simu

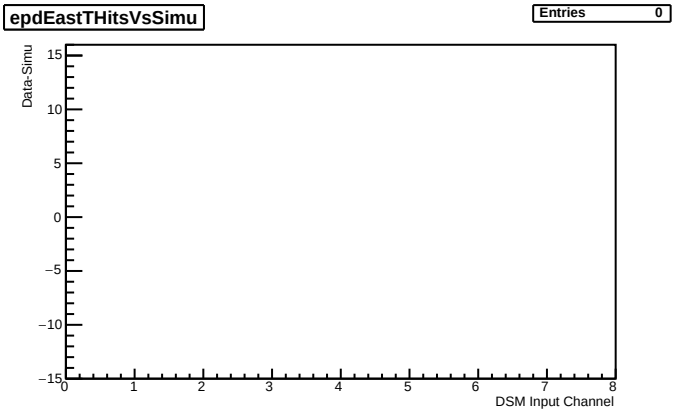

bbcSmallWestTacMax
Entries 452488


bbcSmallWestTacMaxVsSimu
Entries 369253
Data
Simu


epdEastTacMax
Entries 3619904
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3619904
Truncated NHits
DSMInput Channel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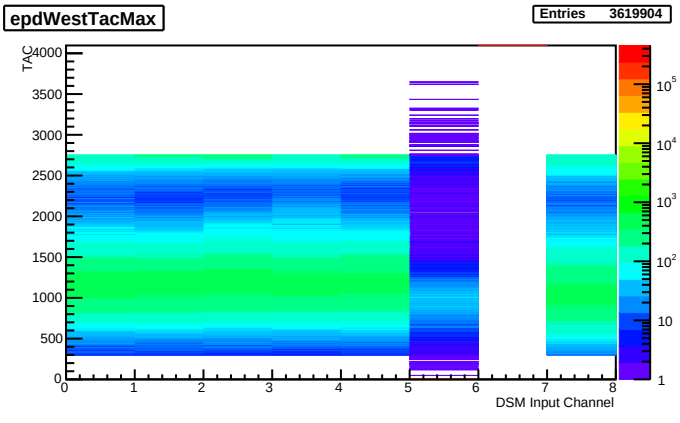
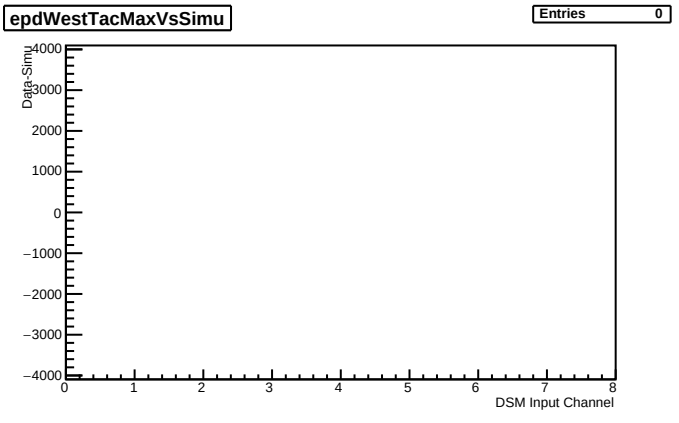
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3619904
TAC
DSM Input Channel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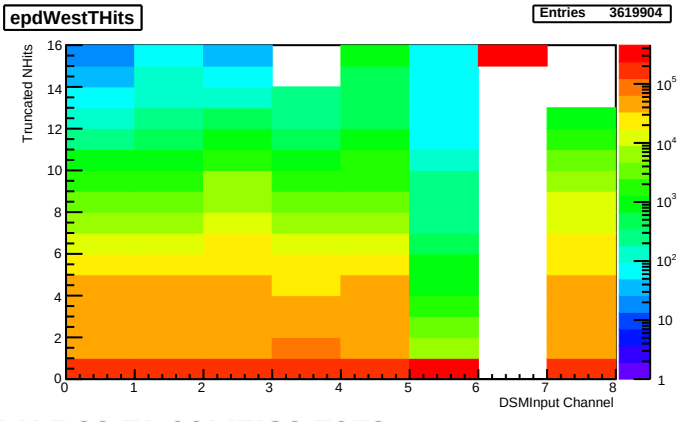
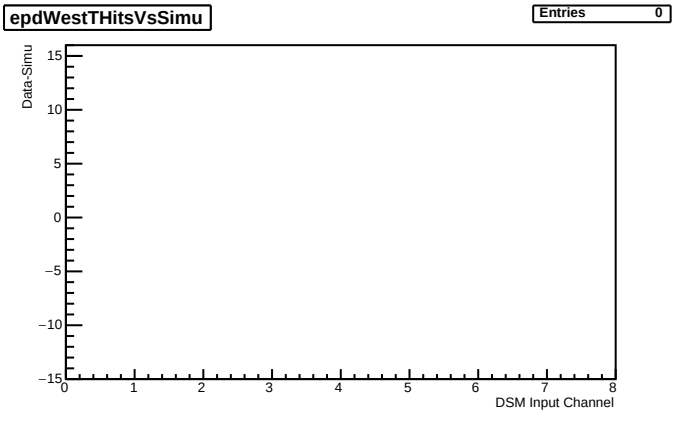
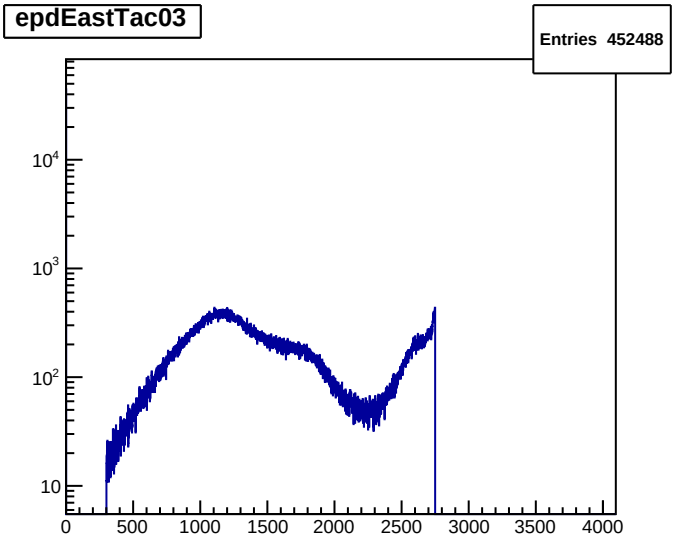
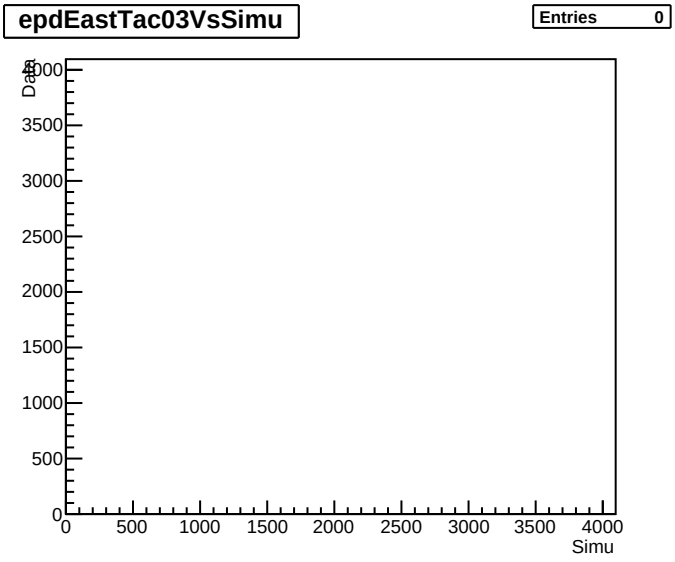
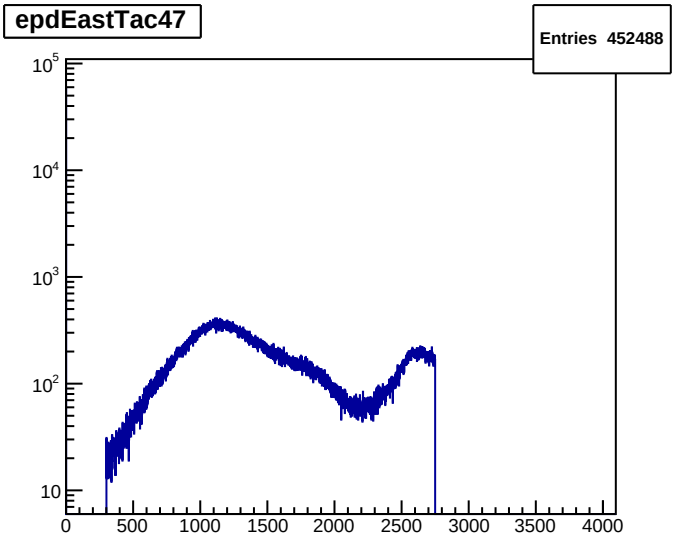
Entries 0
Data-Simu
DSM Input Channel

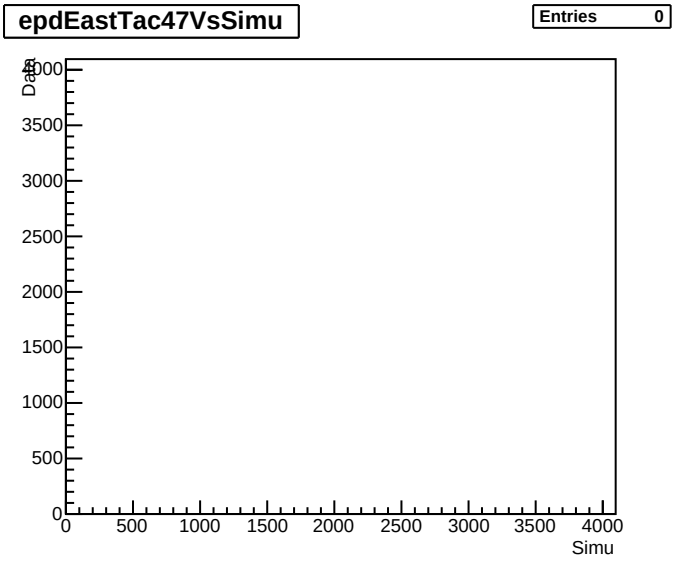

epdWestTHits
Entries 3619904
Truncated NHits
DSMInput Channel

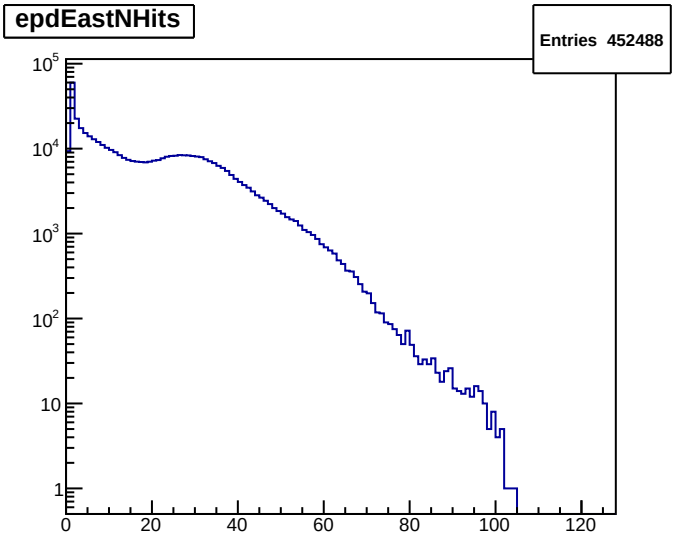

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

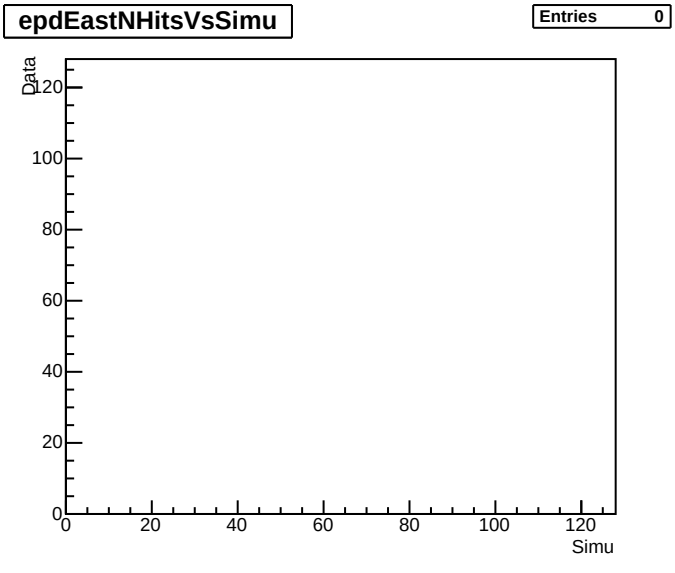

epdEastTac03
Entries 452488


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 452488


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 452488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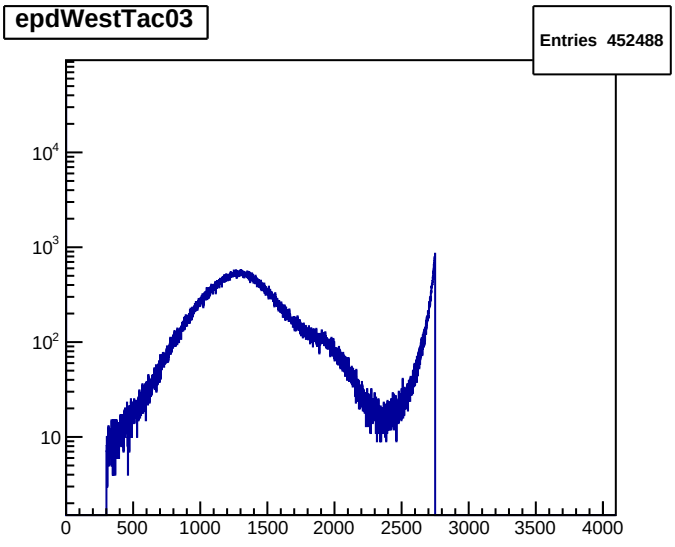
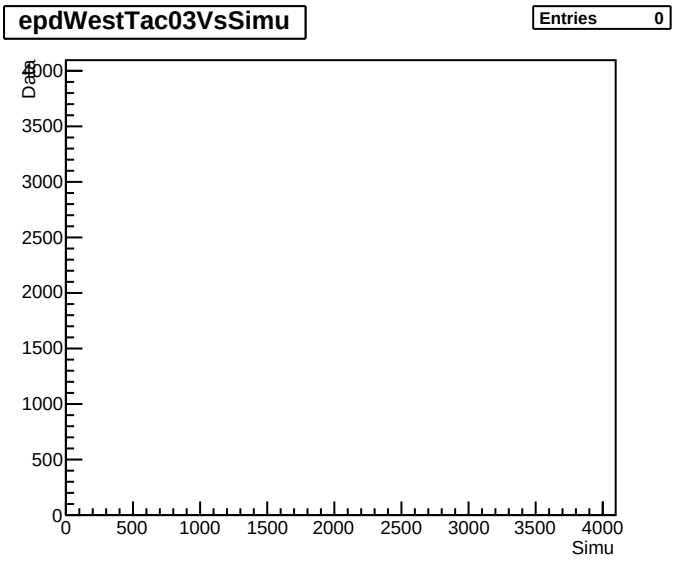
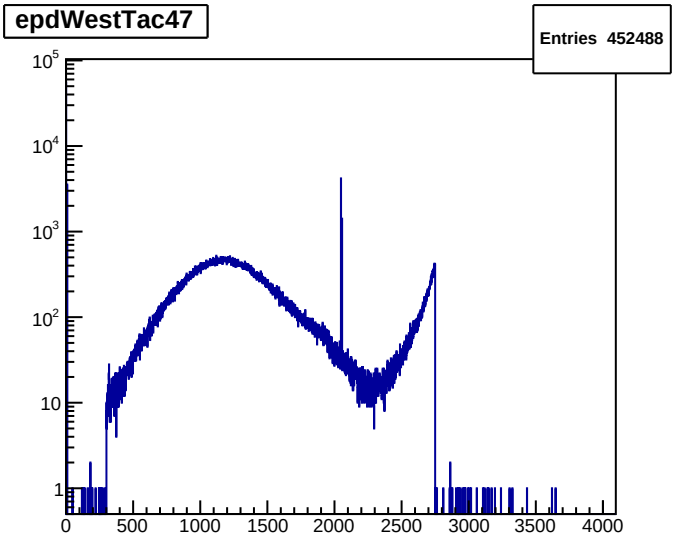
Entries 0
Data
Simu


epdWestTac03
Entries 452488


epdWestTac03VsSimu
Entries 0
Data
Simu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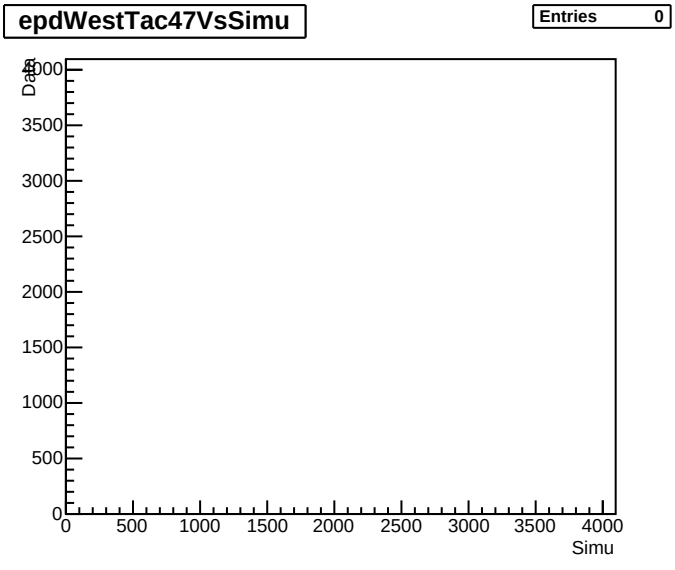
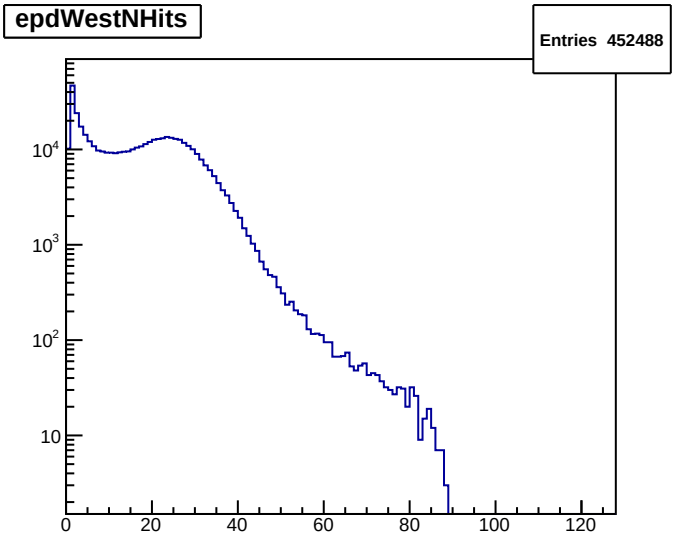
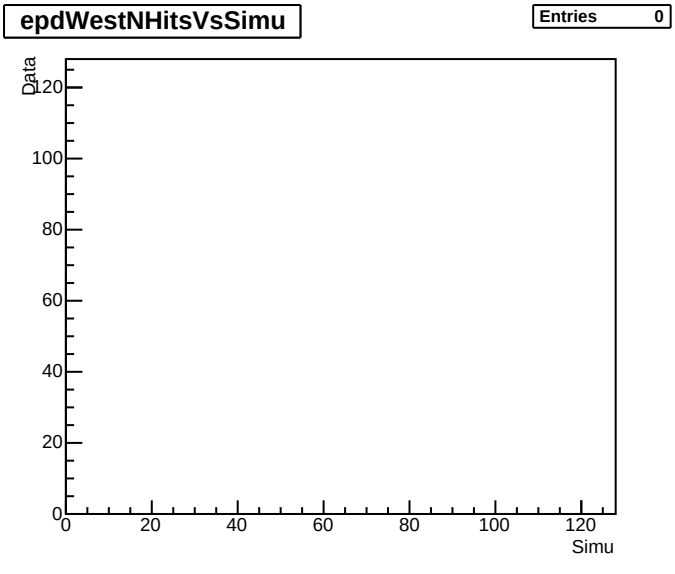
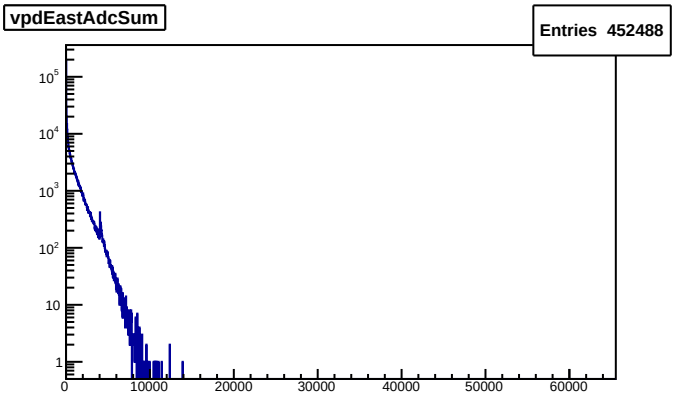
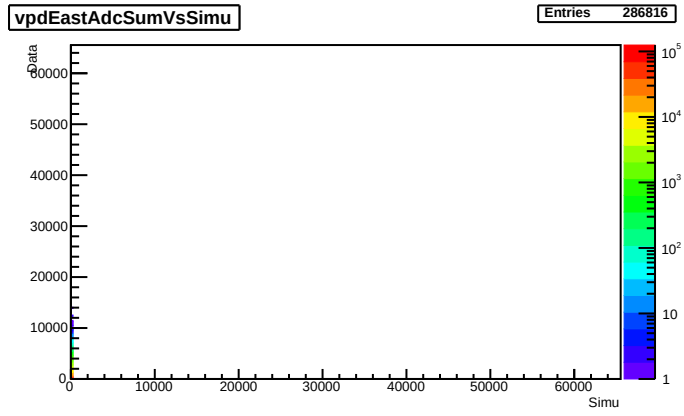
Entries 452488

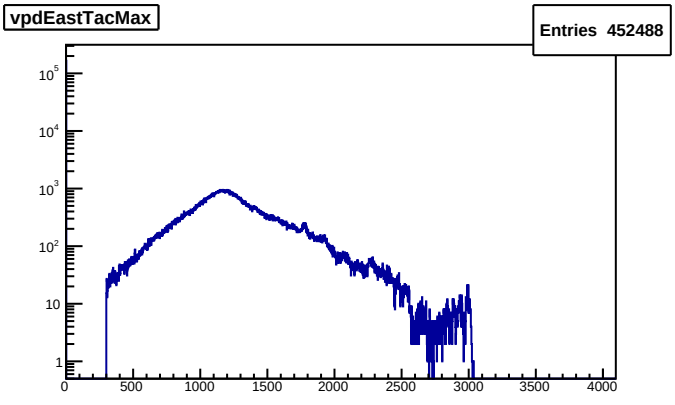

epdWestTac47VsSimu
Entries 0
Data
Simu

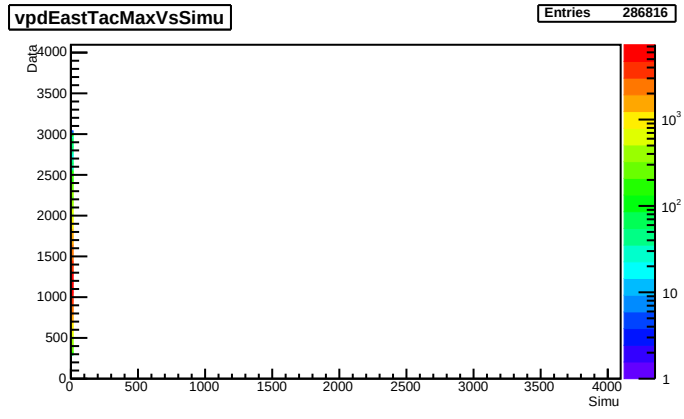

epdWestNHits
Entries 452488

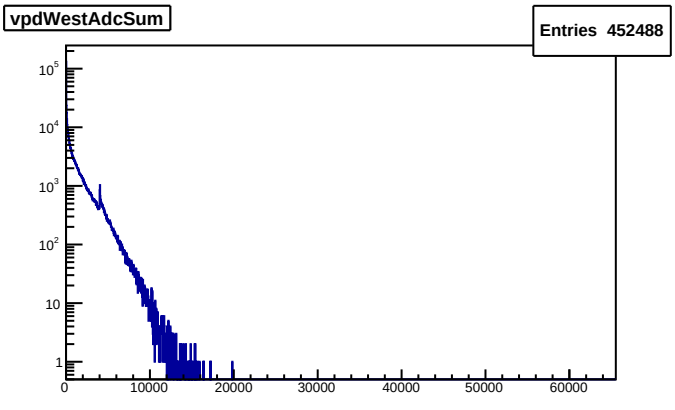

epdWestNHitsVsSimu
Entries 0
Data
Simu

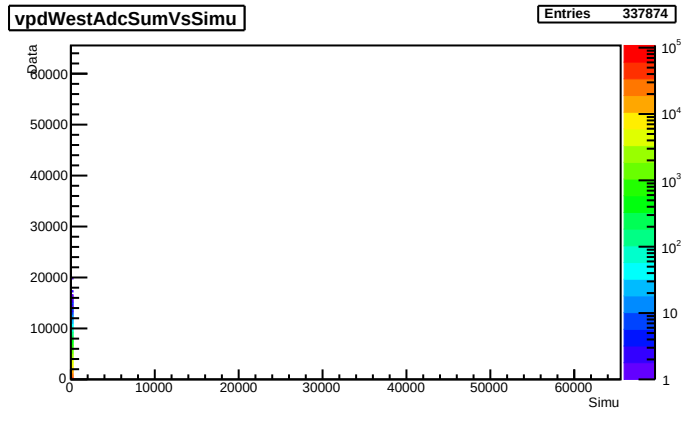

vpdEastAdcSum
Entries 452488

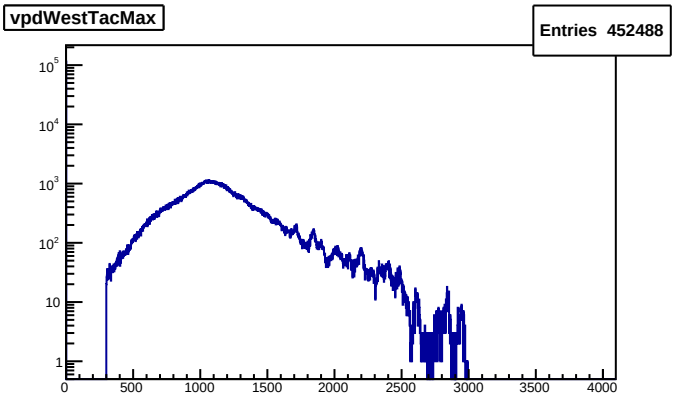

vpdEastAdcSumVsSimu
Entries 286816
Data
Simu

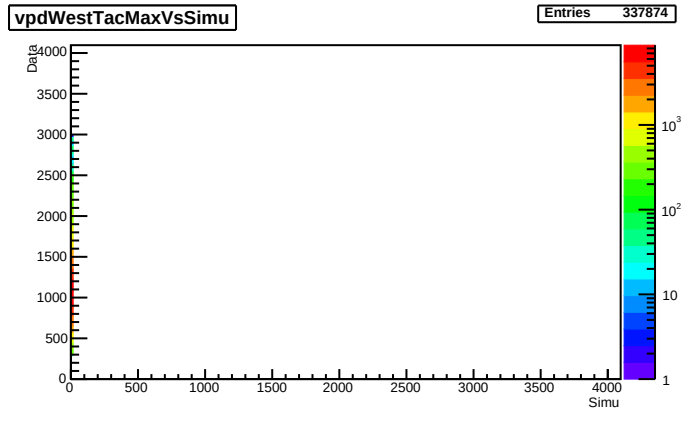

vpdEastTacMax
Entries 452488

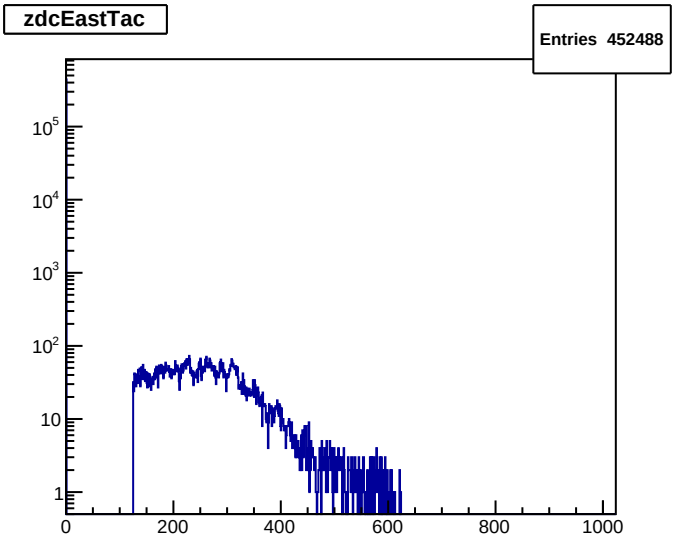

vpdEastTacMaxVsSimu
Entries 286816
Data
Simu

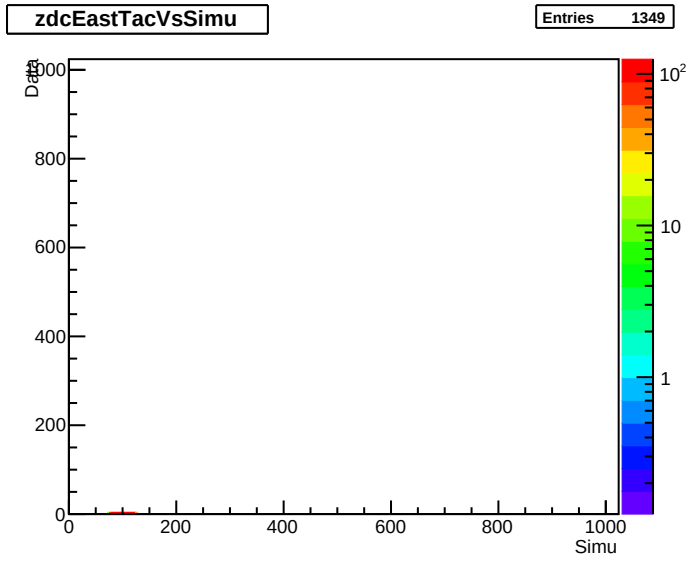

vpdWestAdcSum
Entries 452488

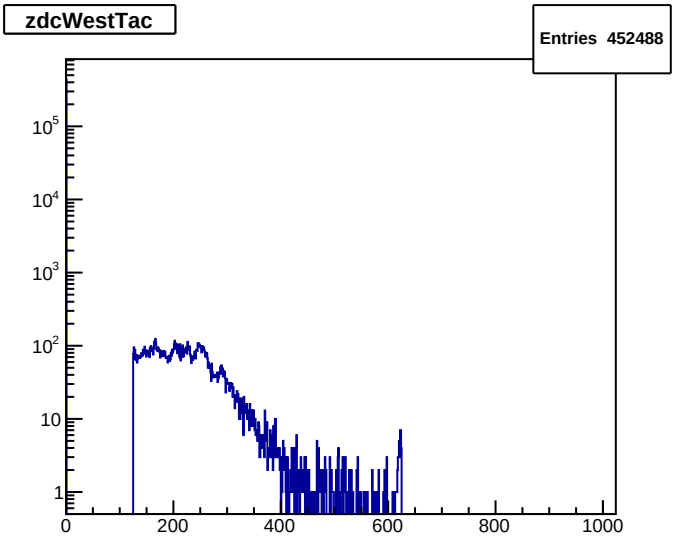

vpdWestAdcSumVsSimu
Entries 337874
Data
Simu

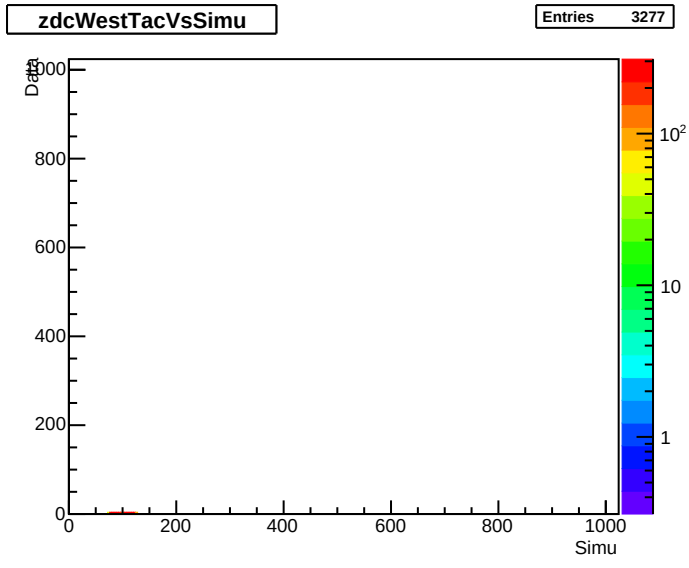

vpdWestTacMax
Entries 452488

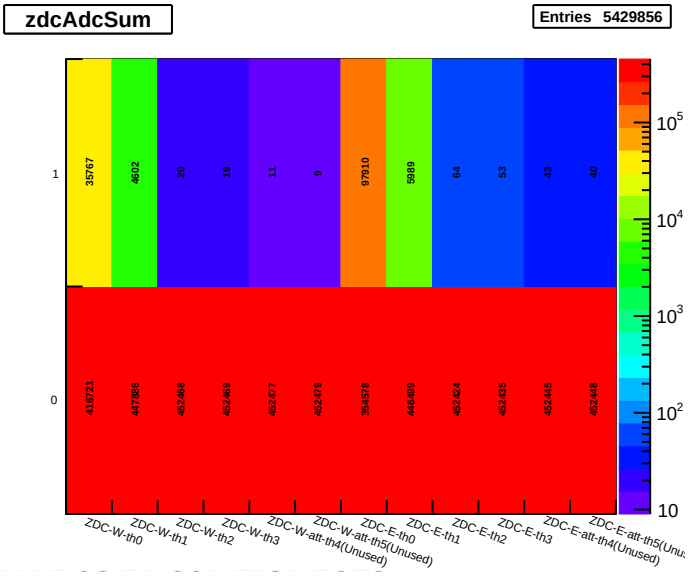

vpdWestTacMaxVsSimu
Entries 337874
Data
Simu

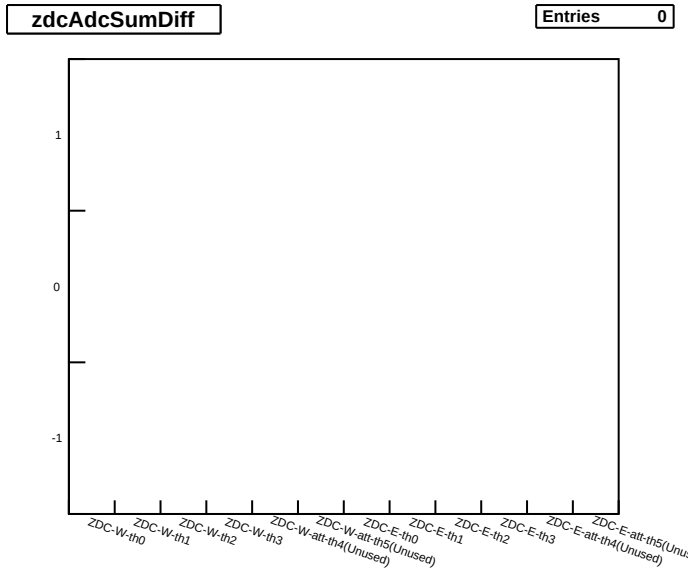

zdcEastTac
Entries 452488

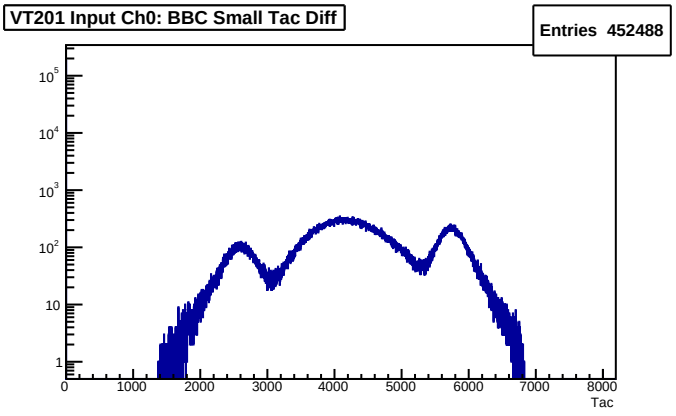

zdcEastTacVsSimu
Entries 1349
Data
Simu

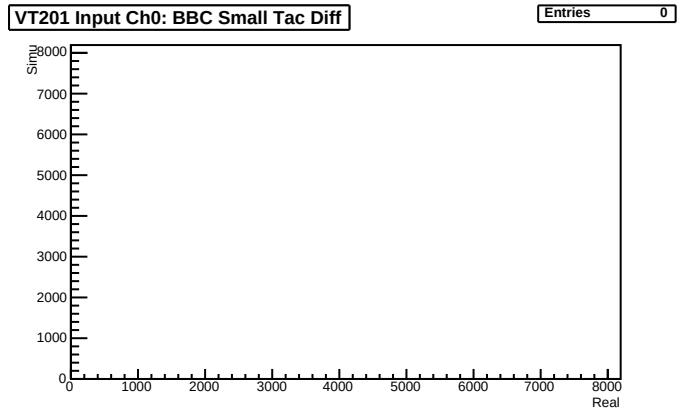

zdcWestTac
Entries 452488

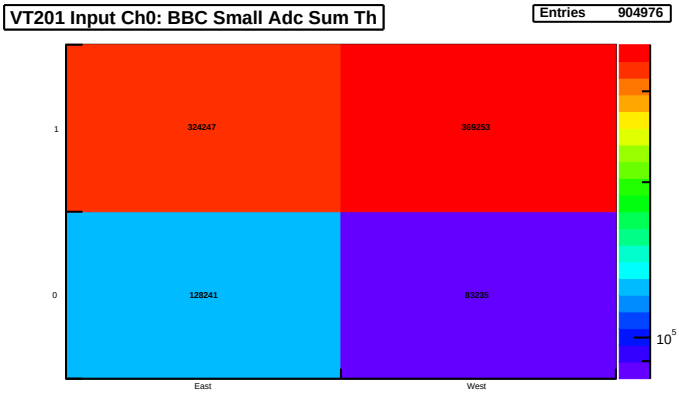

zdcWestTacVsSimu
Entries 3277
Data
Simu

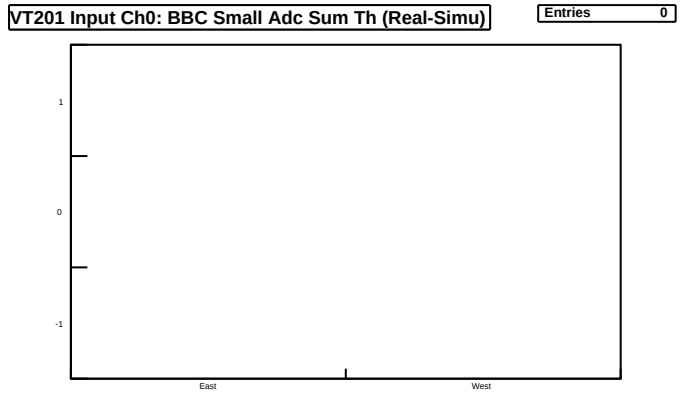

zdcAdcSum
Entries 5429856
35767
4602
20
19
11
9
97910
5989
64
53
43
40
416721
447886
452468
452469
452477
452479
354578
446499
452424
452435
452445
452448
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

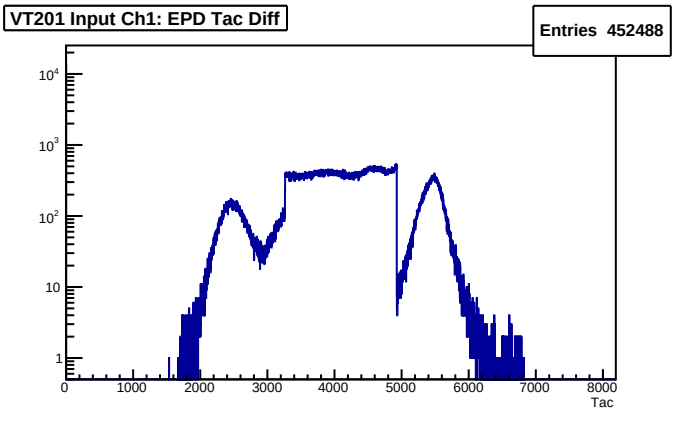

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

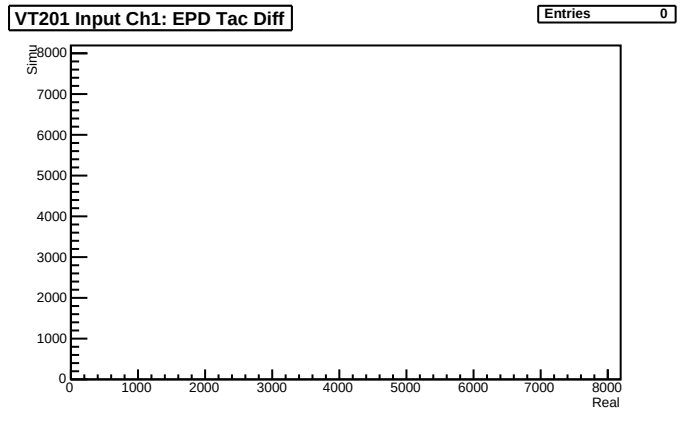

VT201 Input Ch0: BBC Small Tac Diff
Entries 452488
Tac

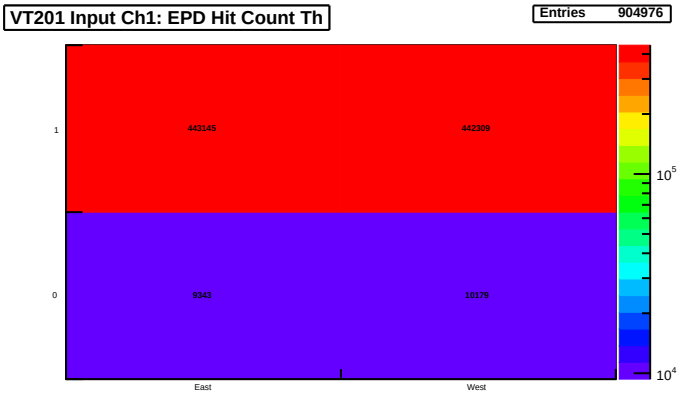

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

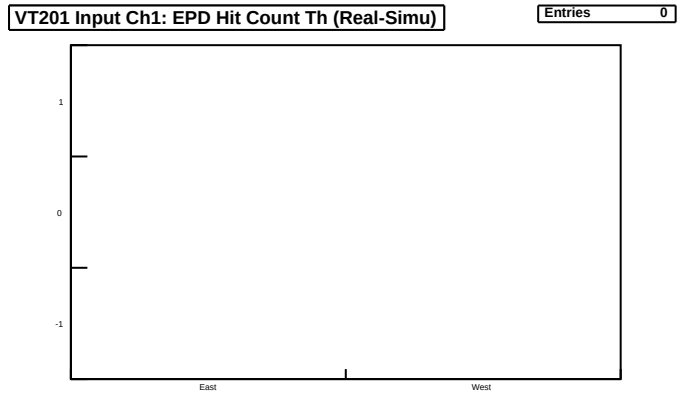

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 904976
324247
369253
128241
83235
East
West

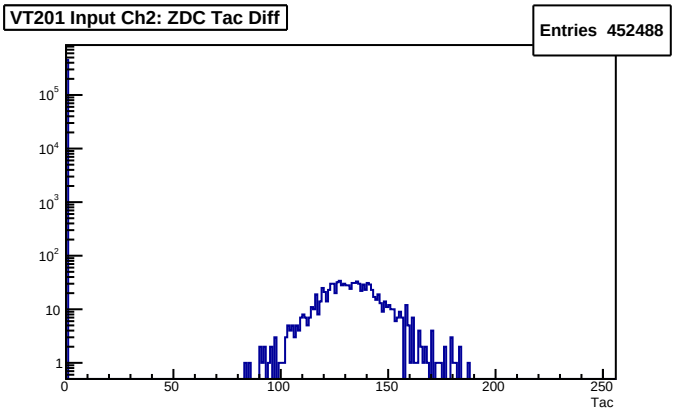

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

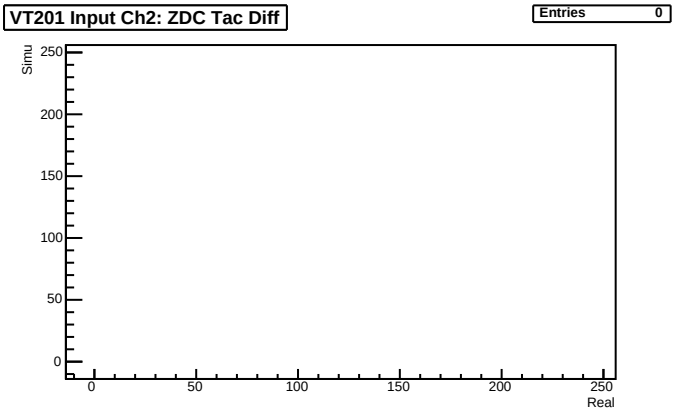

VT201 Input Ch1: EPD Tac Diff
Entries 452488
Tac

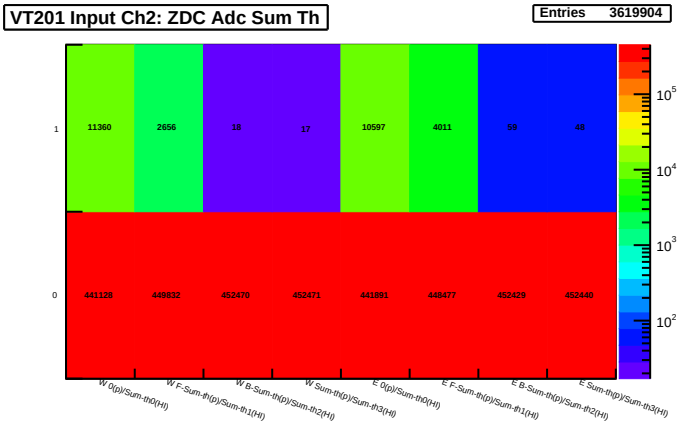

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

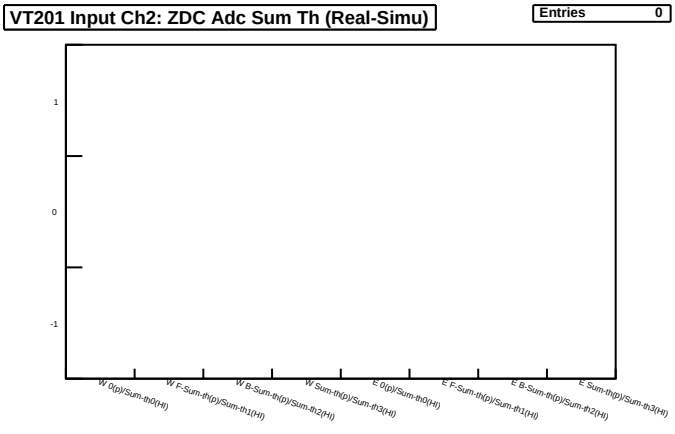

VT201 Input Ch1: EPD Hit Count Th
Entries 904976
443145
442309
9343
10179
East
West

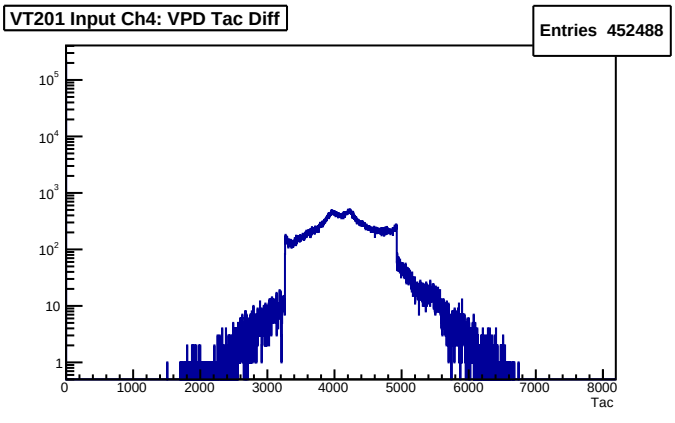

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

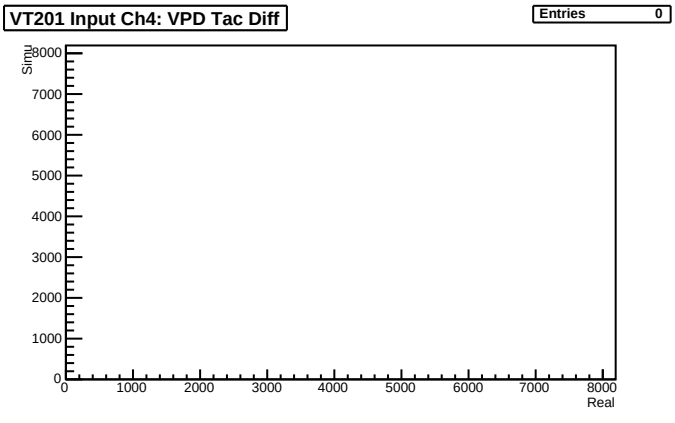

VT201 Input Ch2: ZDC Tac Diff
Entries 452488
Tac

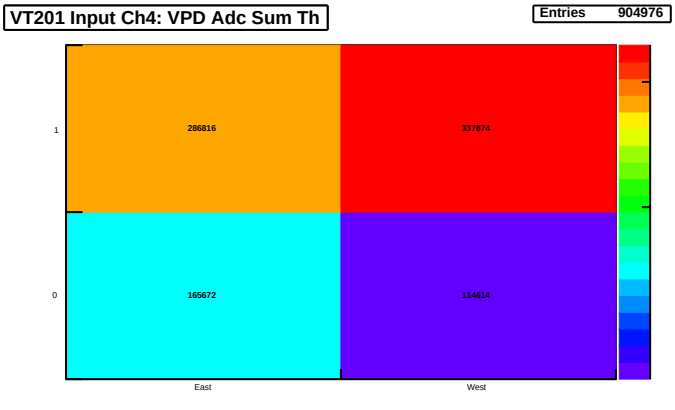

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

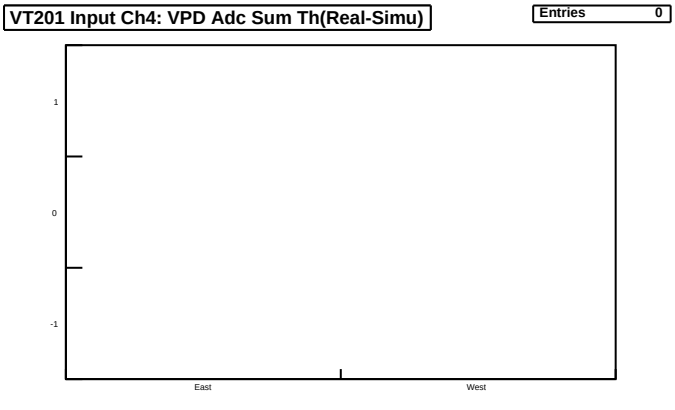

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3619904
11360
2656
18
17
10597
4011
59
48
441128
449832
452470
452471
441891
448477
452429
452440
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

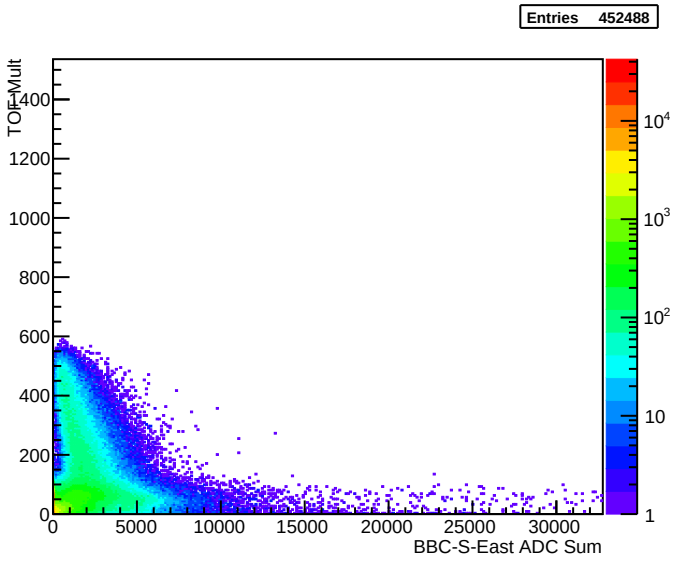

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

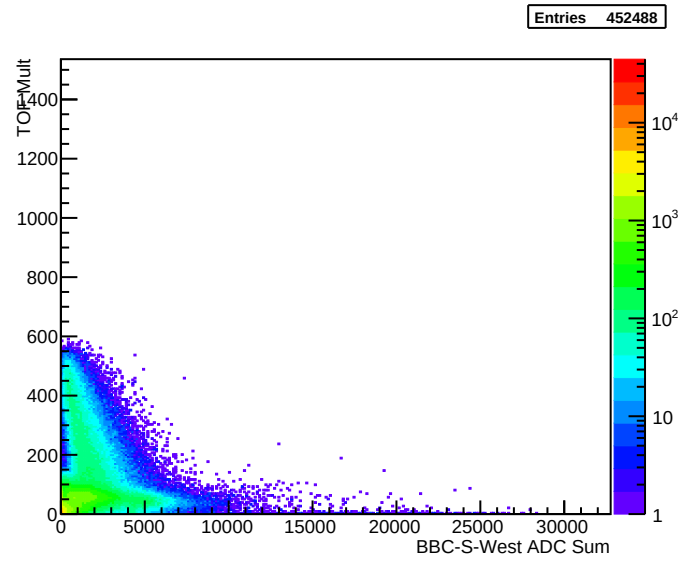

VT201 Input Ch4: VPD Tac Diff
Entries 452488
Tac

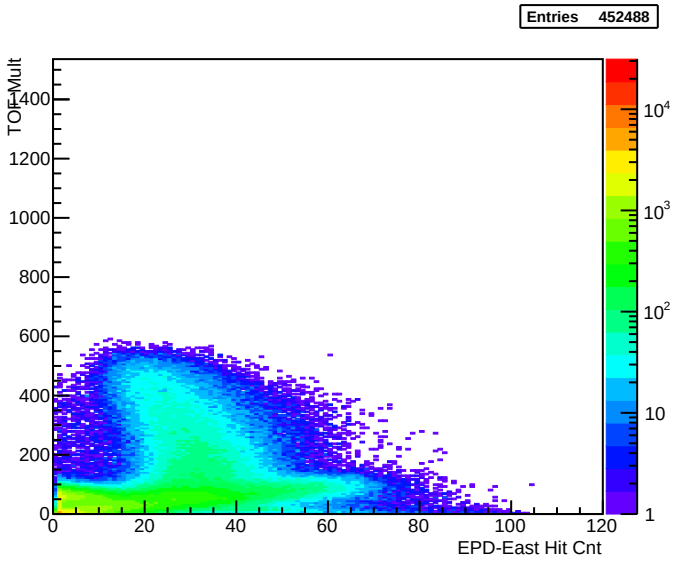

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

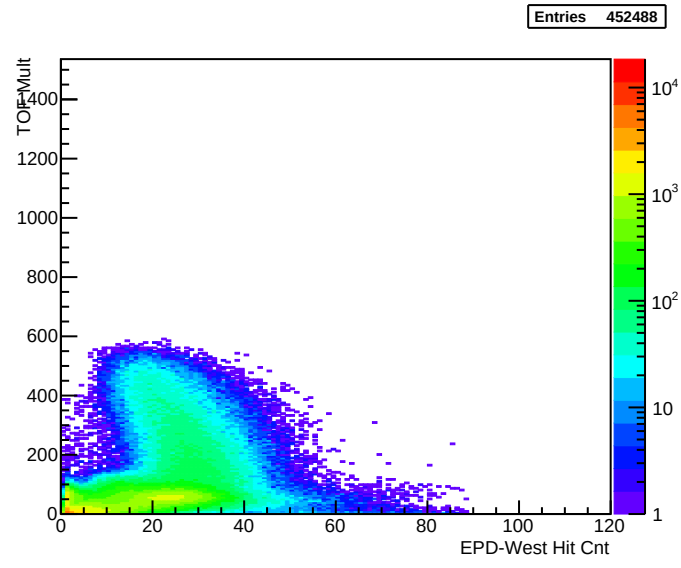

VT201 Input Ch4: VPD Adc Sum Th
Entries 904976
286816
337874
165672
114614
East
West

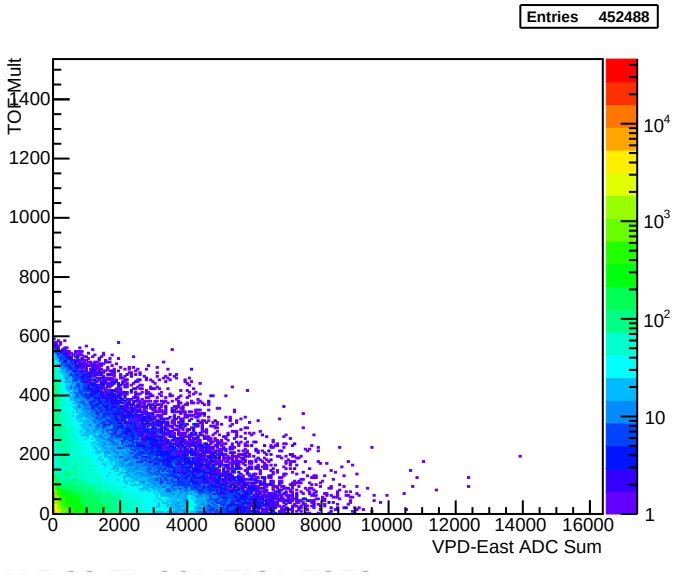

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

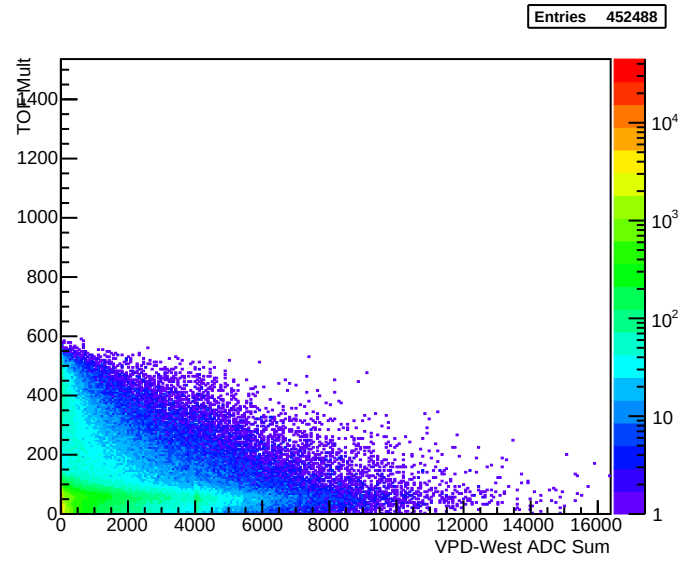

Entries 452488
TOF-Mult
BBC-S-East ADC Sum

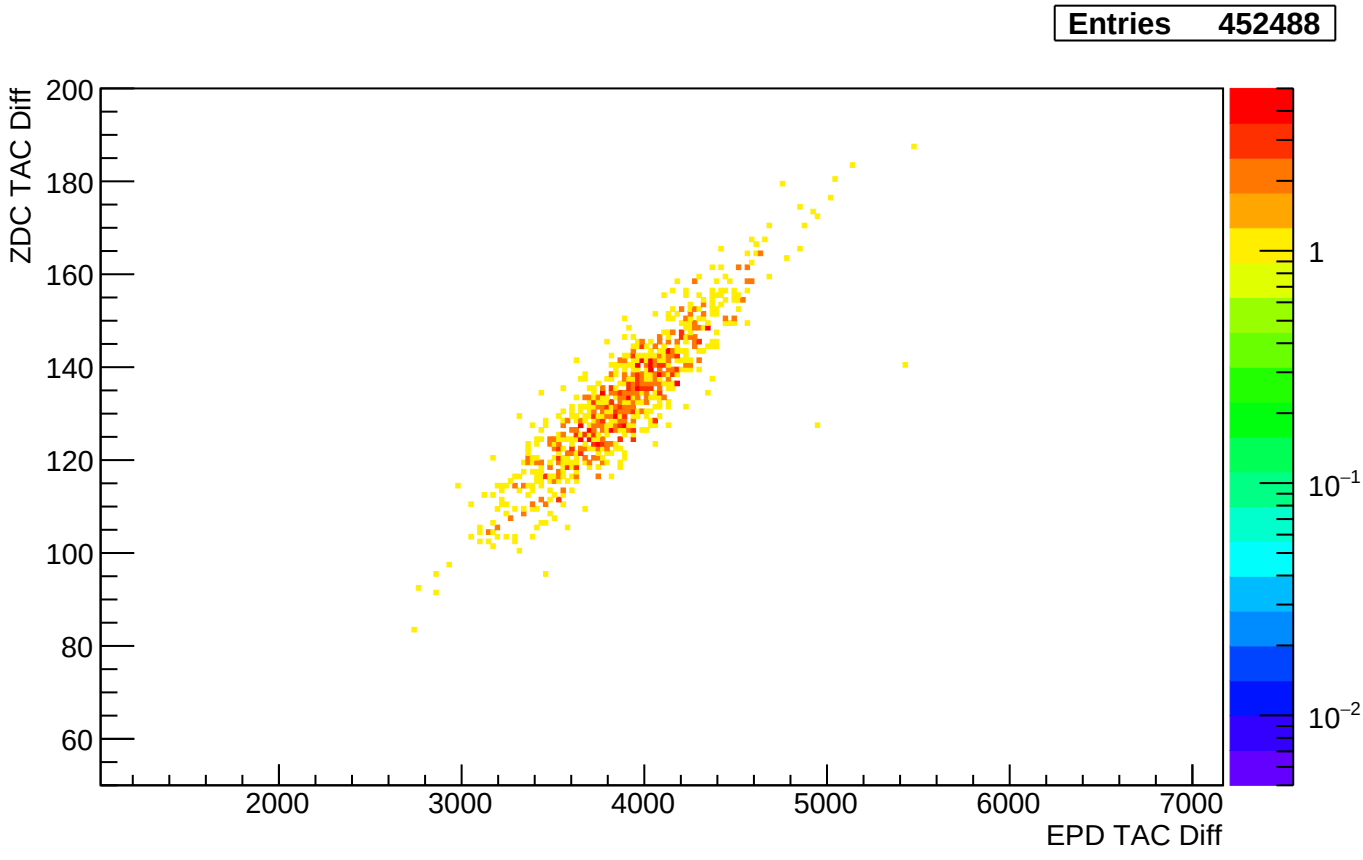

Entries 452488
TOF-Mult
BBC-S-West ADC Sum

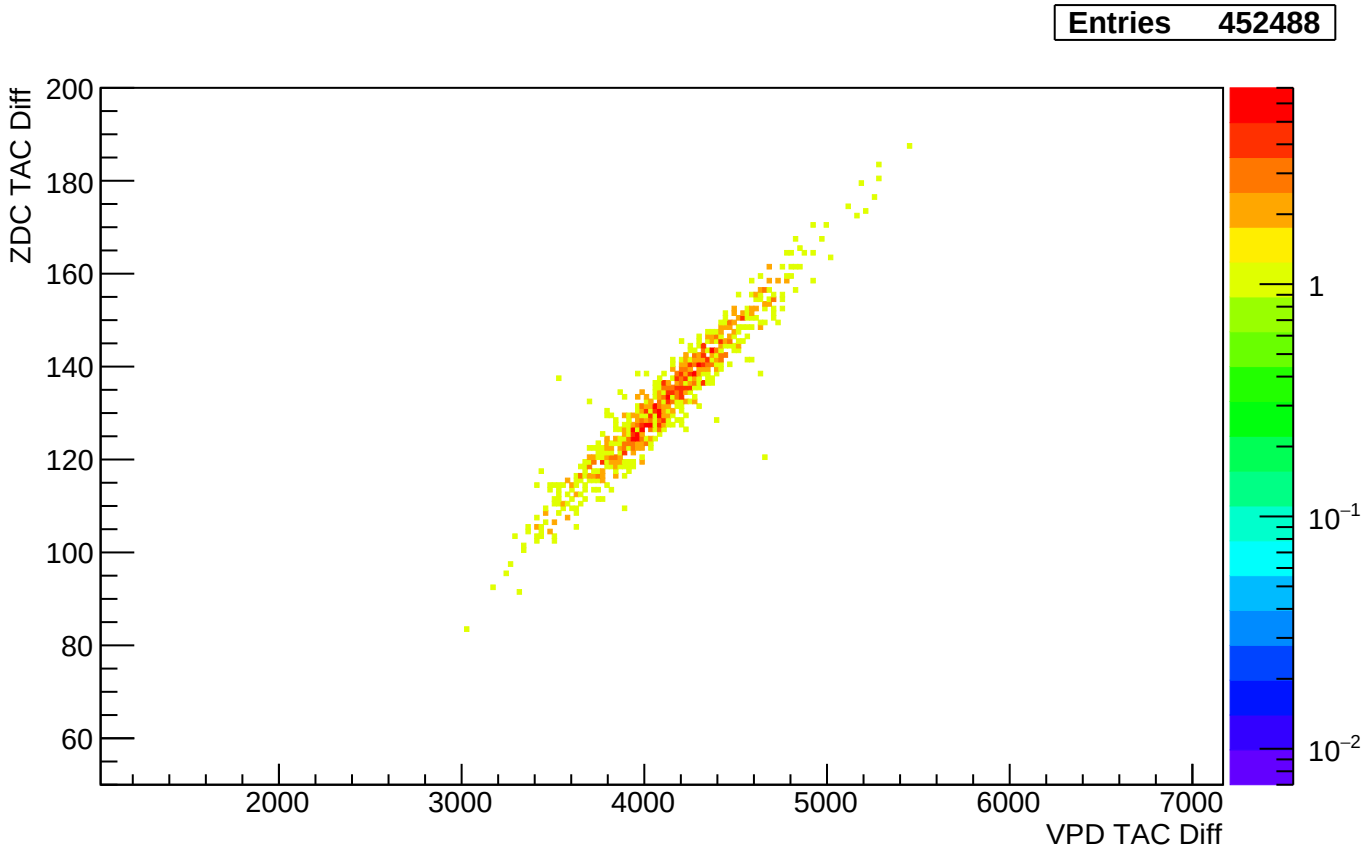

Entries 452488
TOF-Mult
EPD-East Hit Cnt

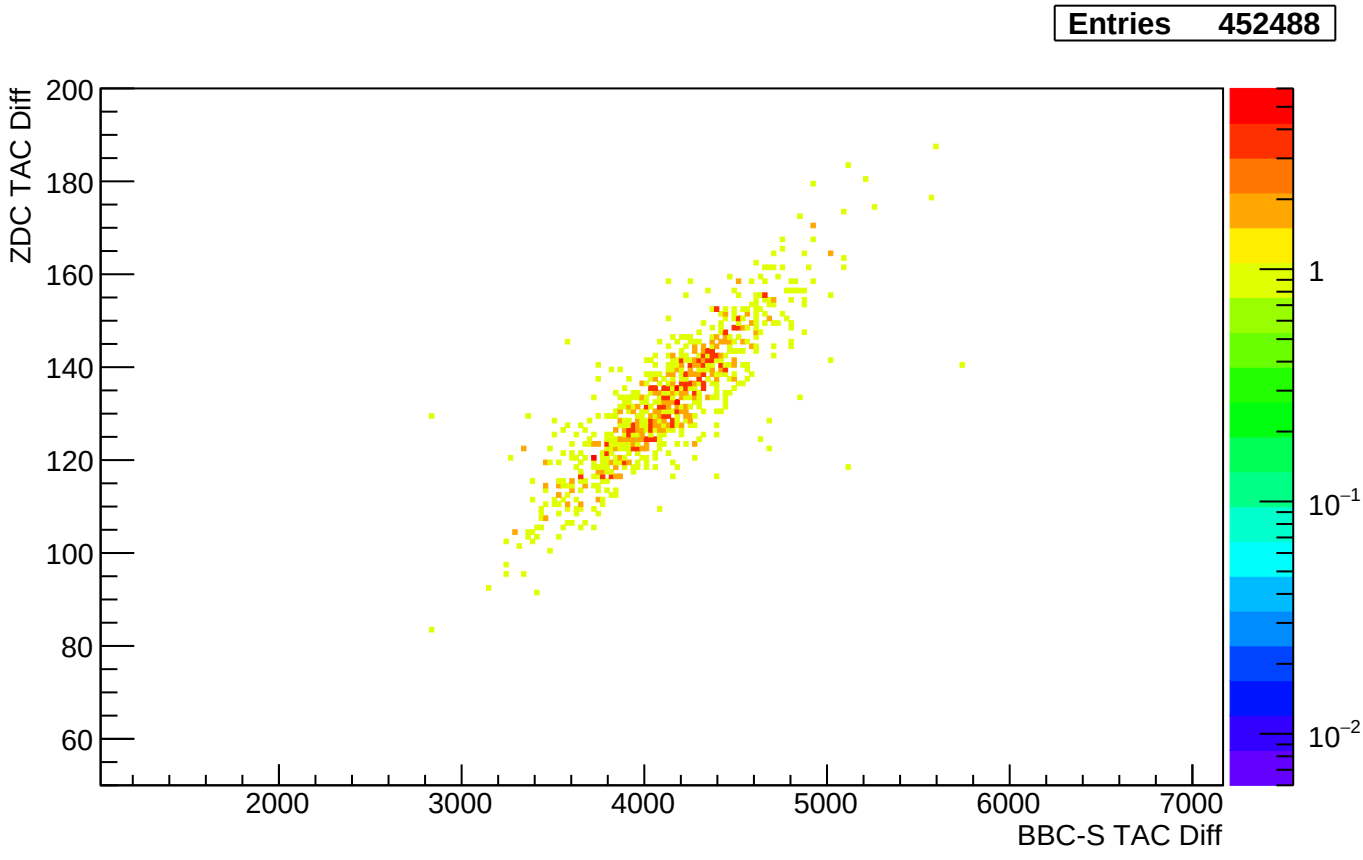

Entries 452488
TOF-Mult
EPD-West Hit Cnt

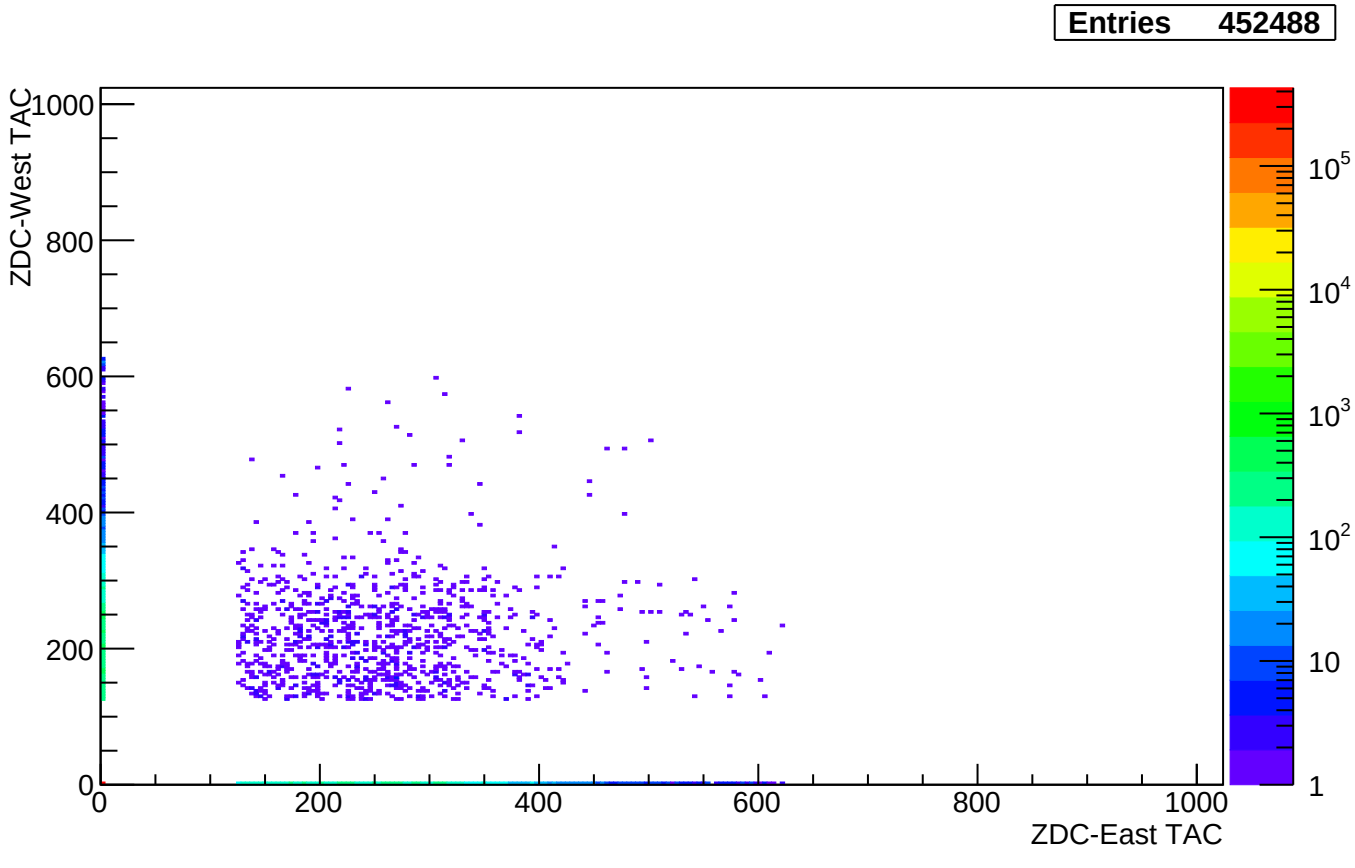

Entries 452488
TOF-Mult
VPD-East ADC Sum

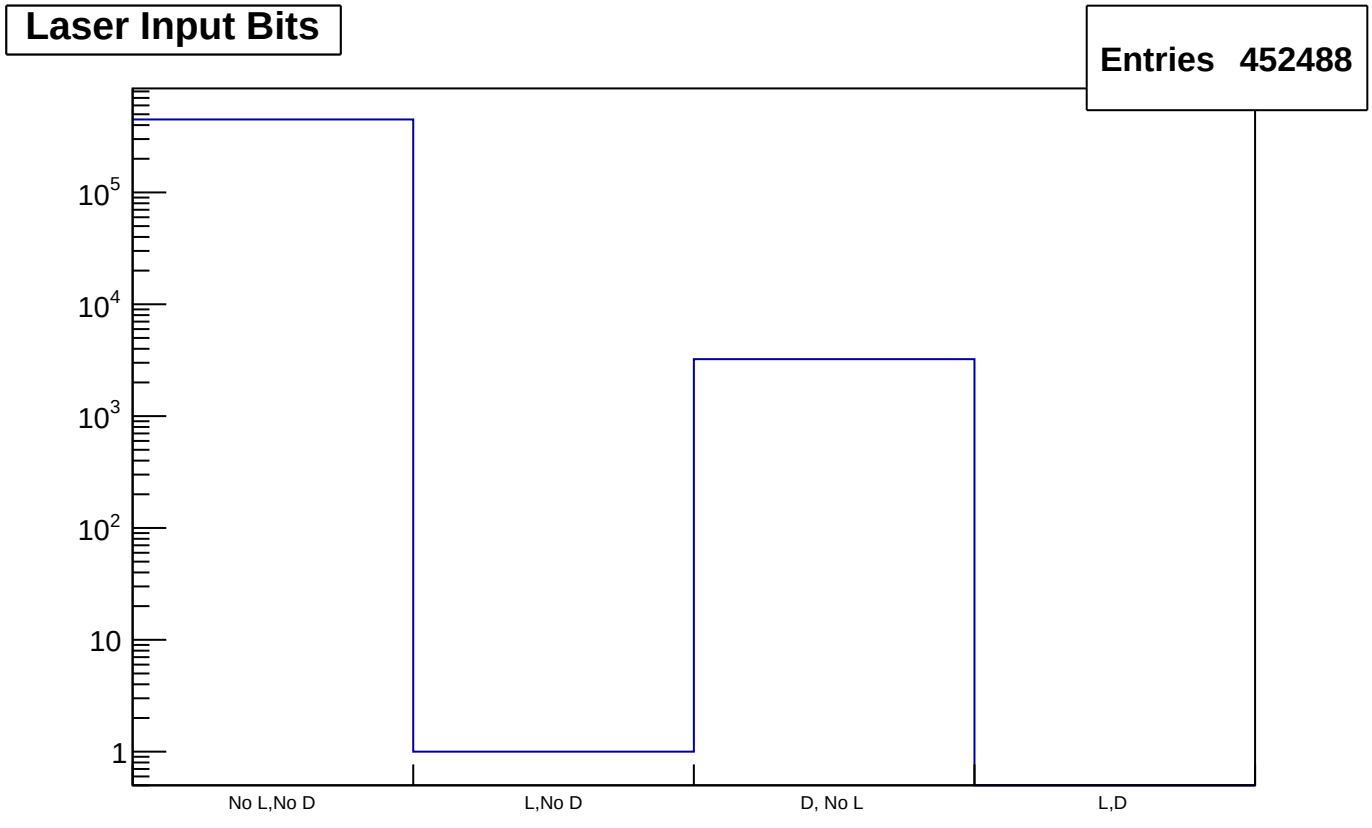

Entries 452488
TOF-Mult
VPD-West ADC Sum

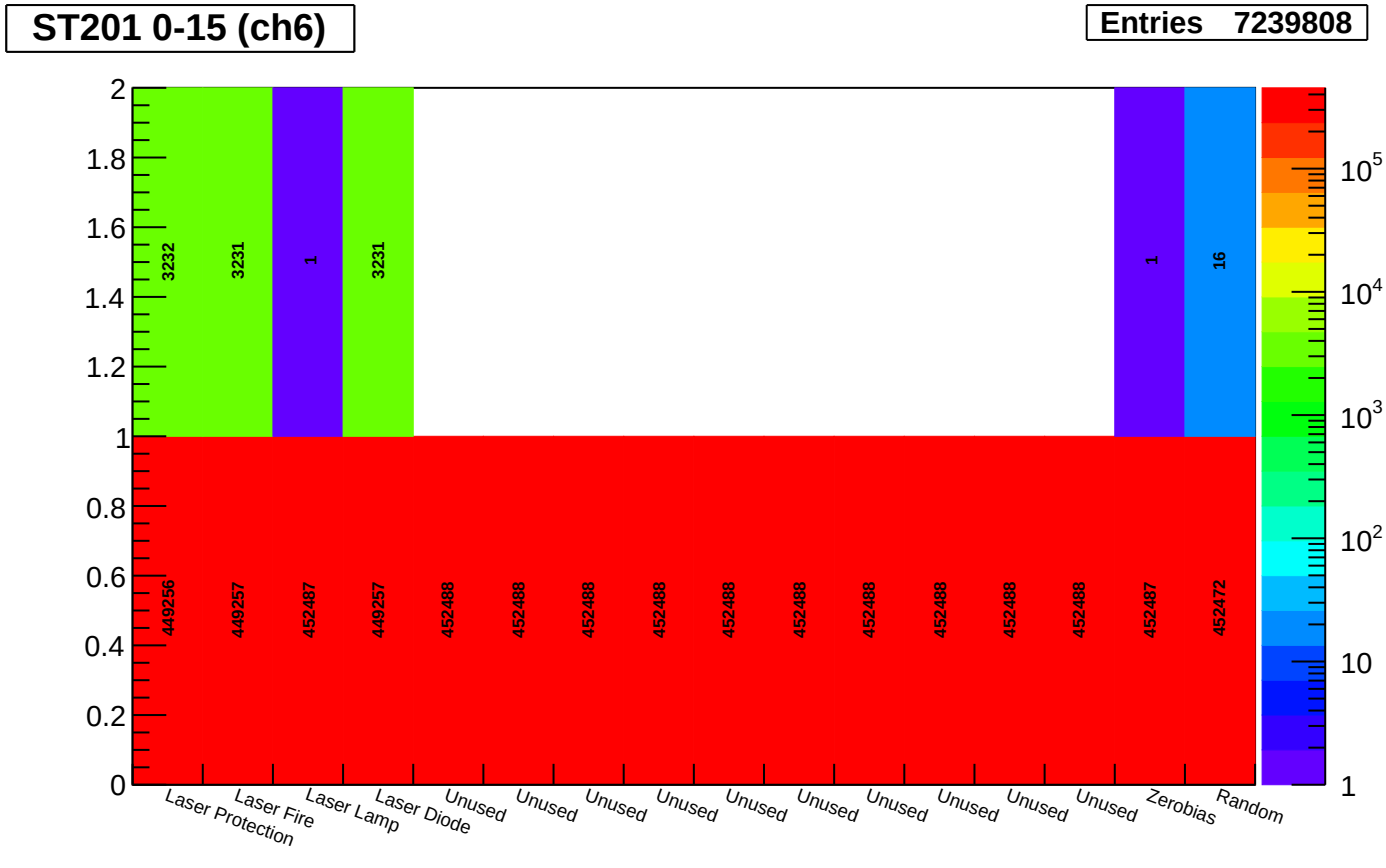

Entries 452488
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

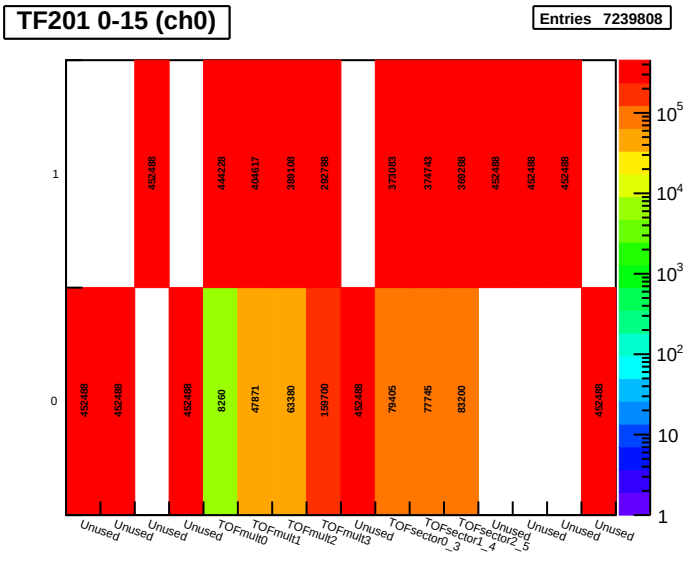

Entries 452488
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

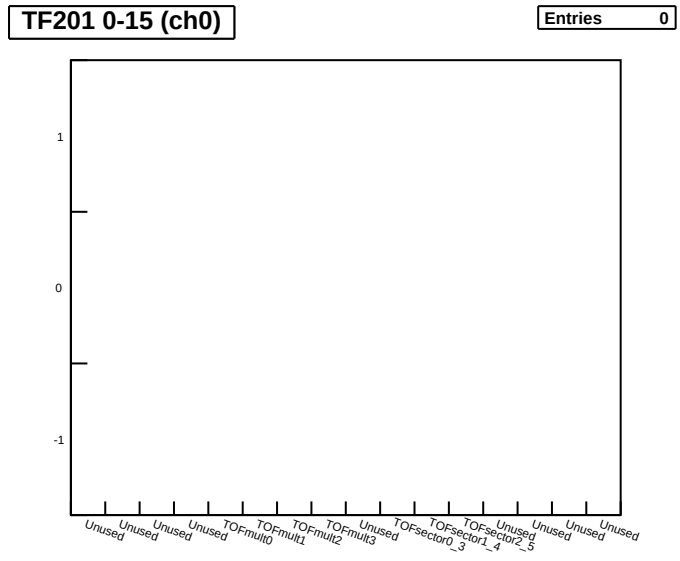

Entries 452488
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

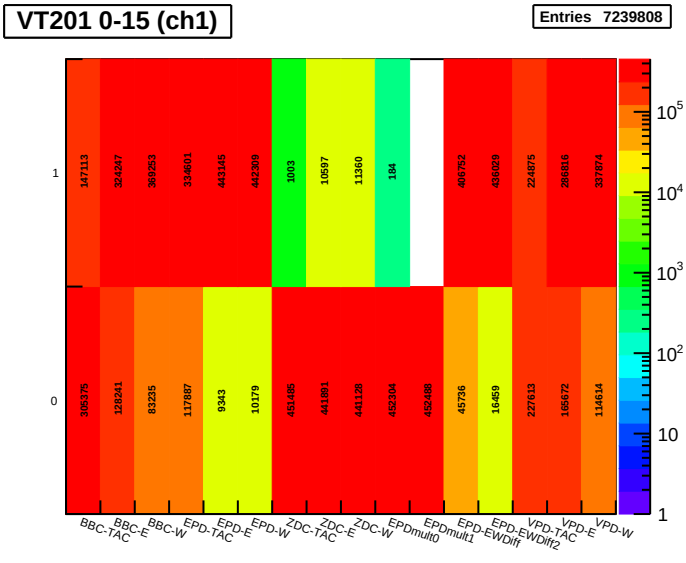

Entries 452488
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

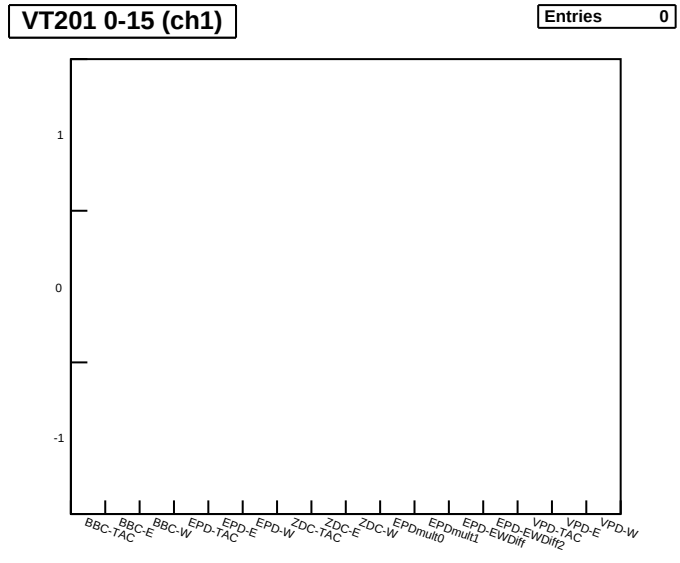

Laser Input Bits
Entries 452488
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

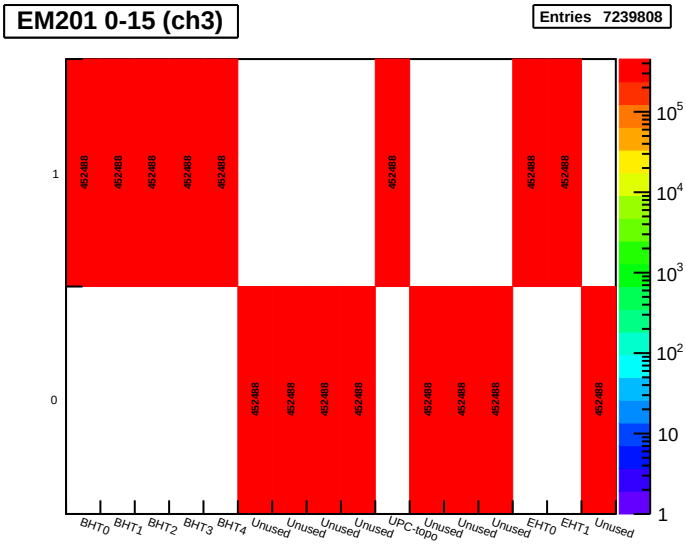

ST201 0-15 (ch6)
Entries 7239808
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3232
3231
1
3231
1
16
449256
449257
452487
449257
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452487
452472
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

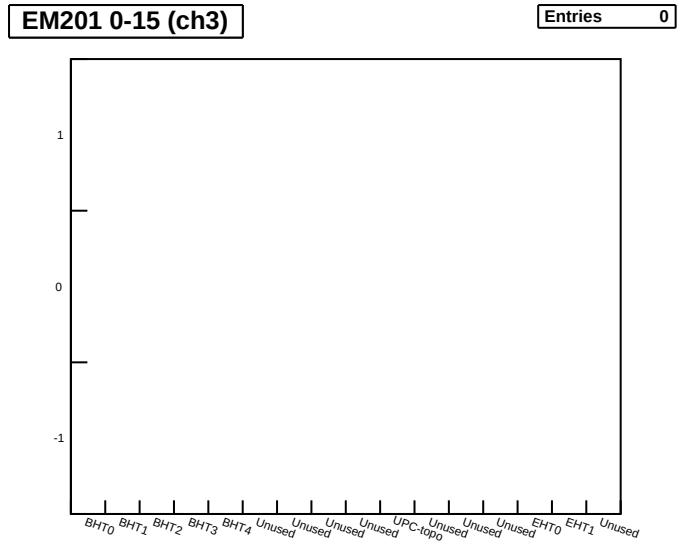

TF201 0-15 (ch0)
Entries 7239808
1
0
452488
444228
404617
389108
292788
373083
374743
369288
452488
452488
452488
452488
452488
452488
8260
47871
63380
159700
452488
79405
77745
83200
452488
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 7239808
1
0
147113
324247
369253
334601
443145
442399
1003
10597
11360
184
406752
436029
224875
286816
337874
306375
128241
83235
117887
9343
10179
451485
441891
441128
452304
452488
45736
16459
227613
165672
114614
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 7239808
1
0
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
452488
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1