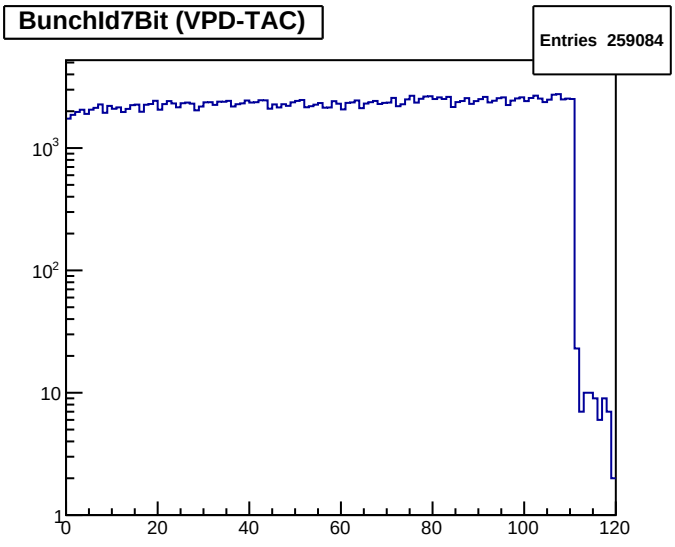
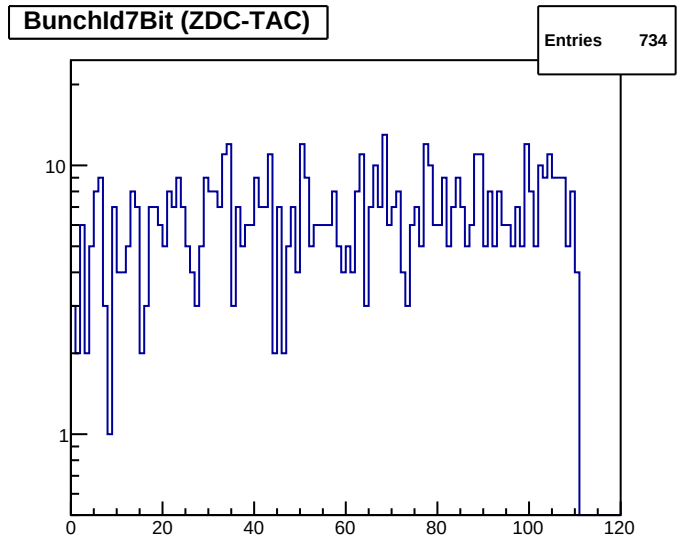
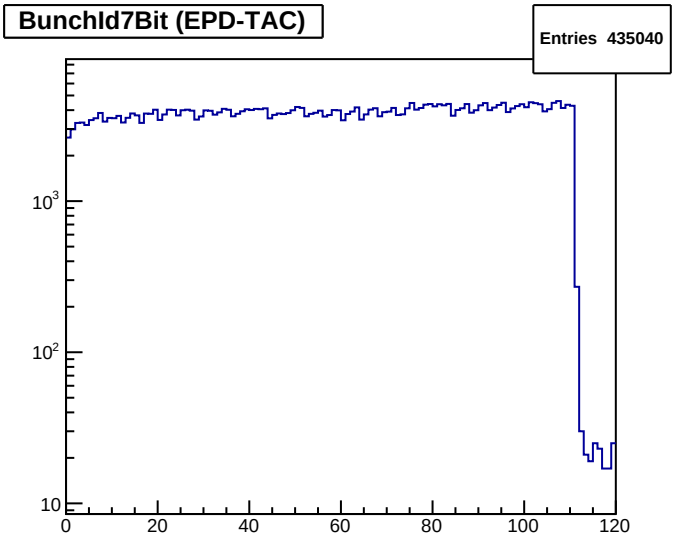
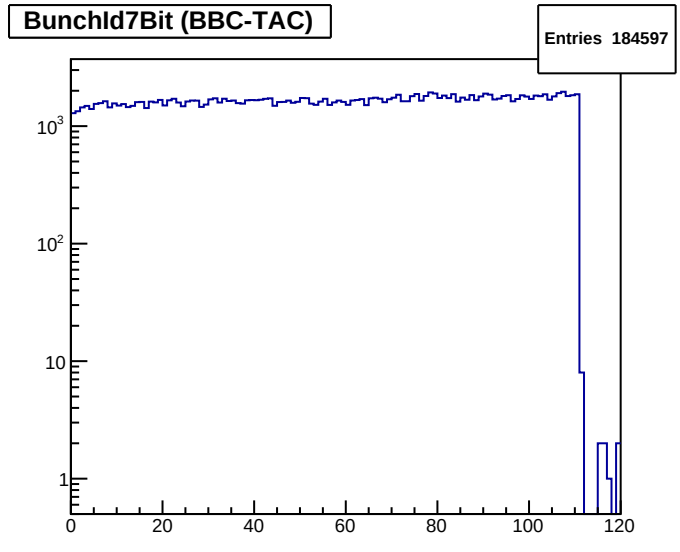
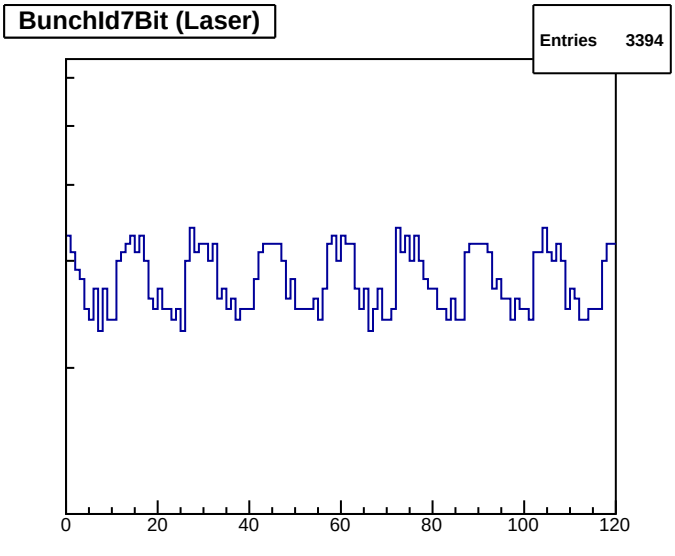
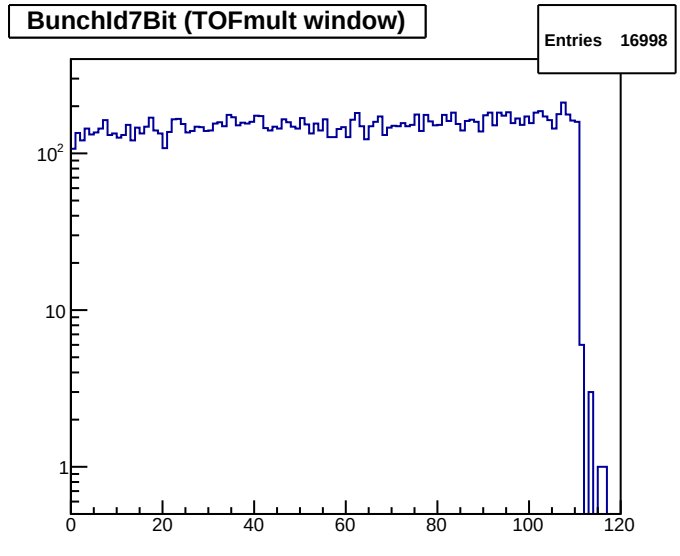

BunchId7Bit (VPD-TAC)
Entries 259084

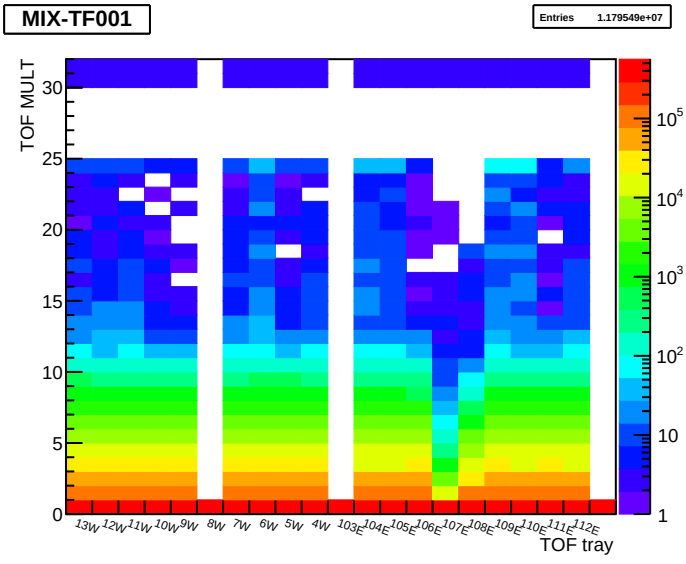

BunchId7Bit (ZDC-TAC)
Entries 734

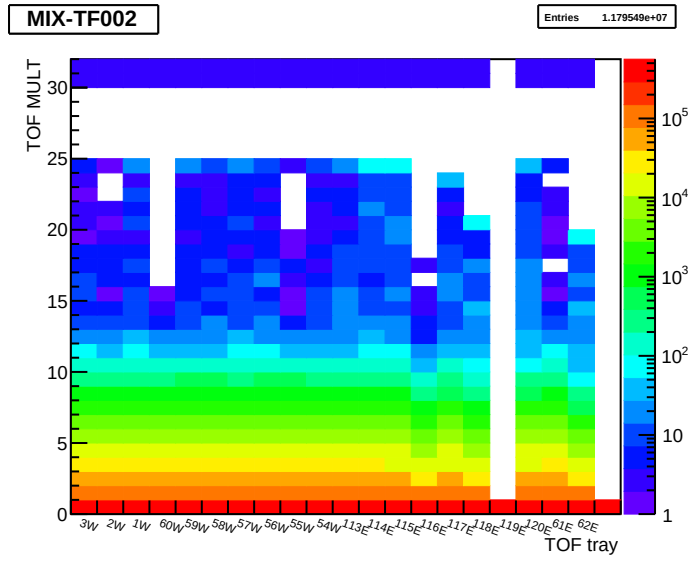

BunchId7Bit (EPD-TAC)
Entries 435040

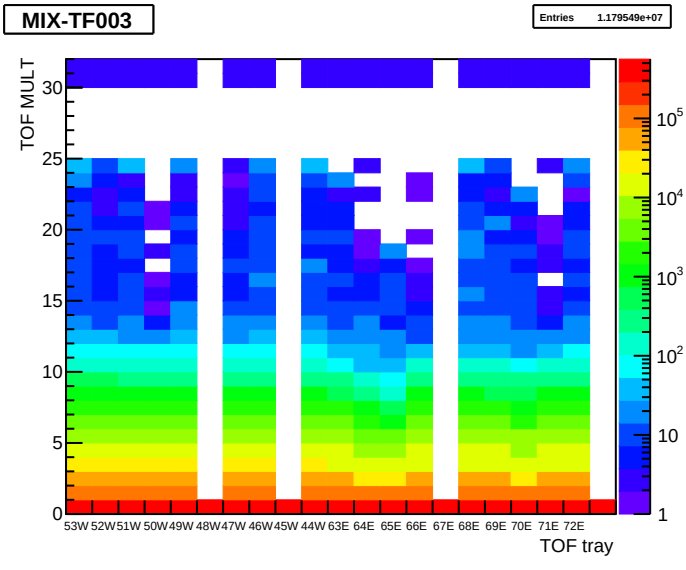

BunchId7Bit (BBC-TAC)
Entries 184597

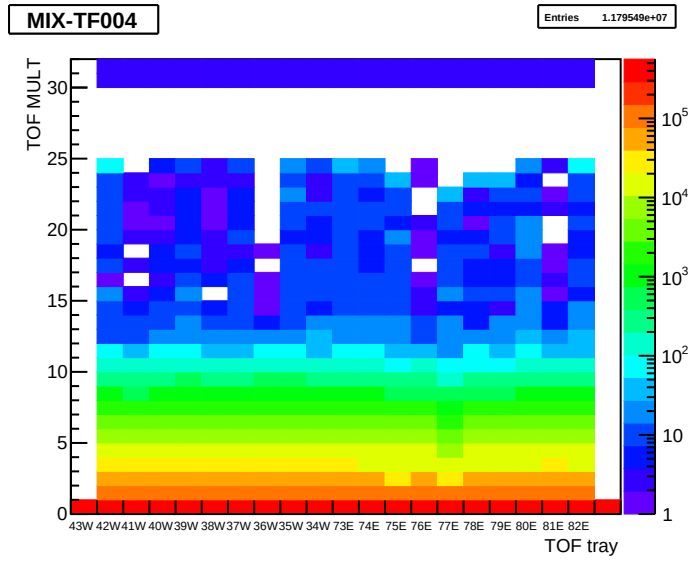

BunchId7Bit (Laser)
Entries 3394

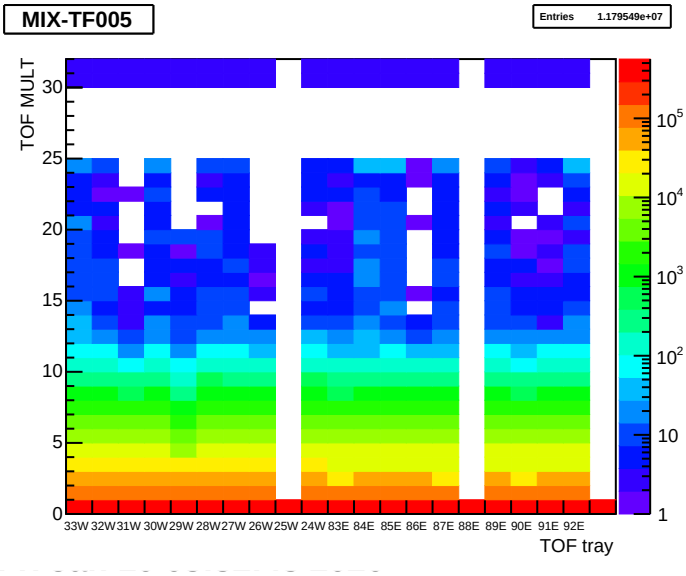

BunchId7Bit (TOFmult window)
Entries 16998

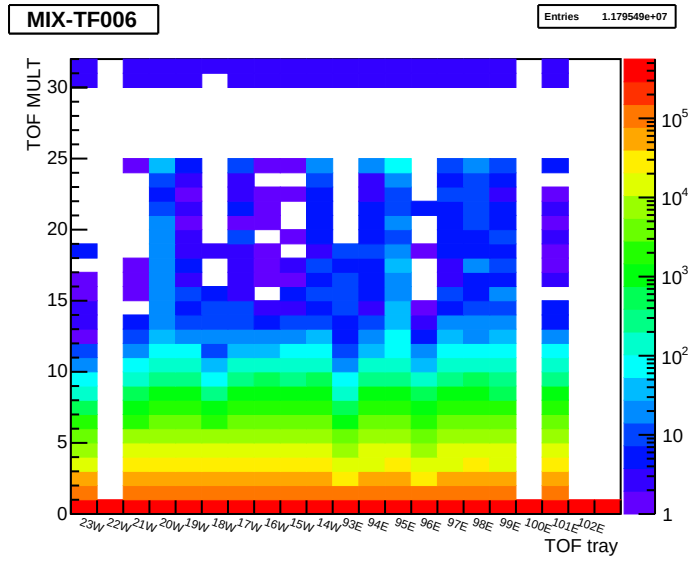

MIX-TF001
Entries 1.179549e+07
TOF MULT
TOF tray

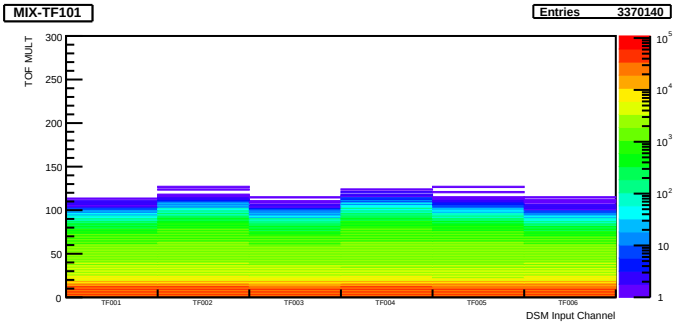

MIX-TF002
Entries 1.179549e+07
TOF MULT
TOF tray

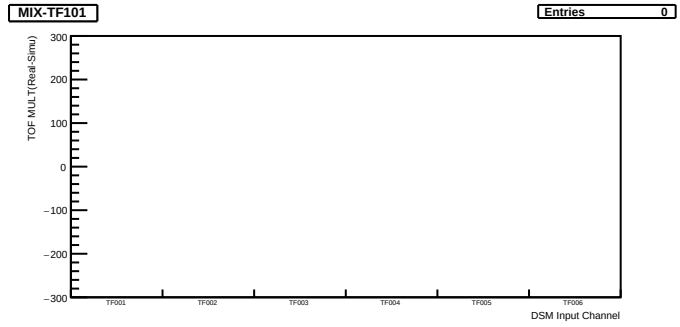

MIX-TF003
Entries 1.179549e+07
TOF MULT
TOF tray

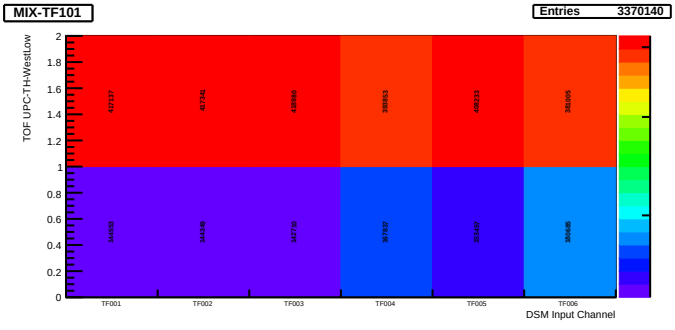

MIX-TF004
Entries 1.179549e+07
TOF MULT
TOF tray

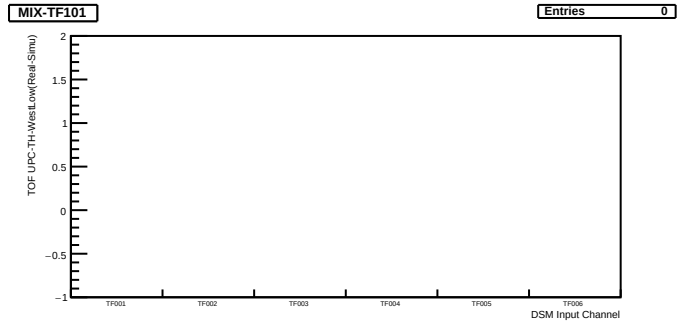

MIX-TF005
Entries 1.179549e+07
TOF MULT
TOF tray

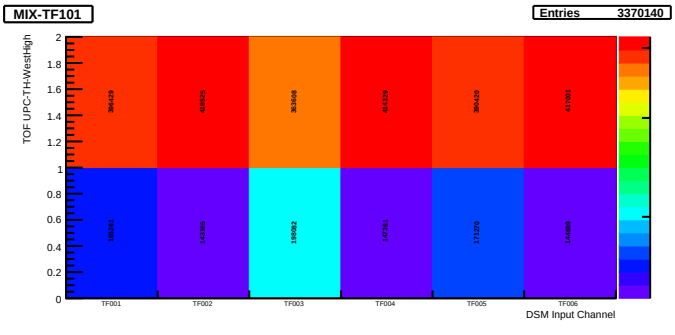

MIX-TF006
Entries 1.179549e+07
TOF MULT
TOF tray

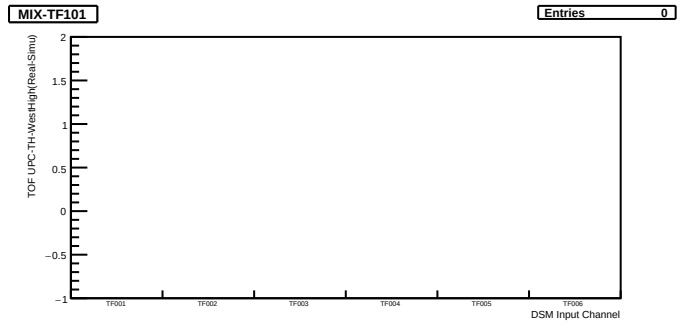

MIX-TF101
Entries 3370140
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

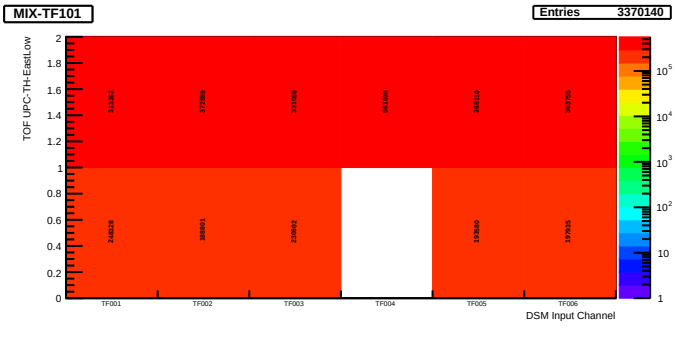

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

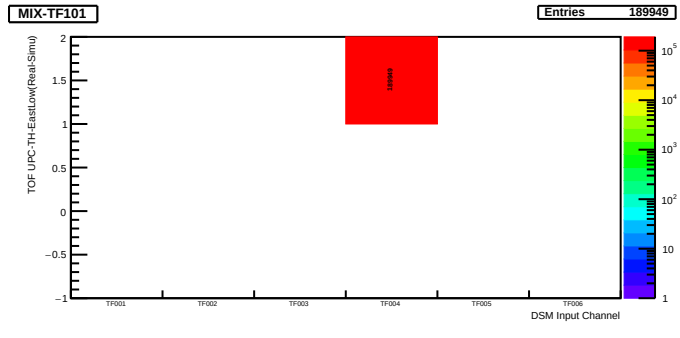

MIX-TF101
Entries 3370140
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

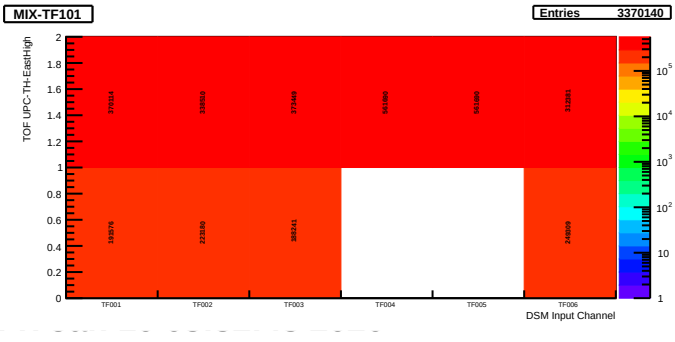

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

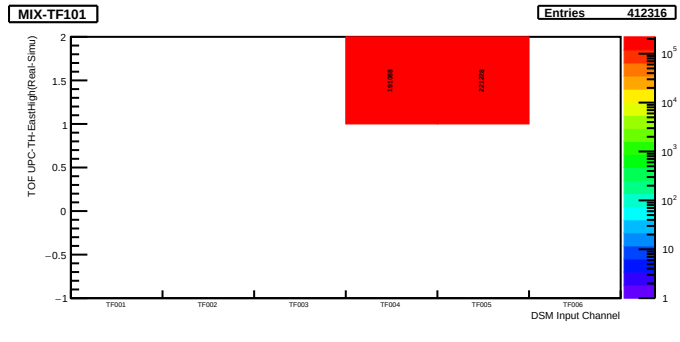

MIX-TF101
Entries 3370140
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

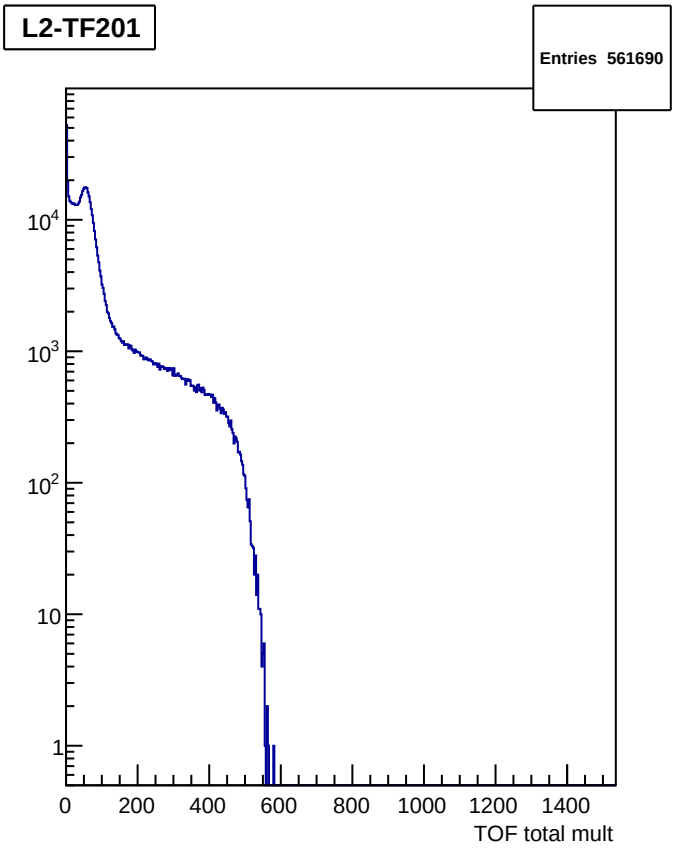

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

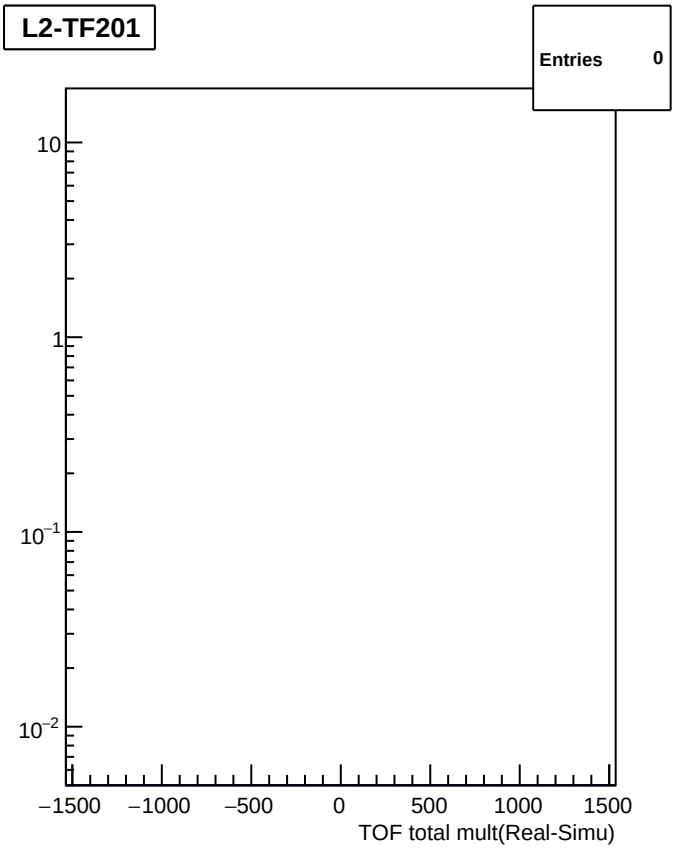

MIX-TF101
Entries 3370140
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

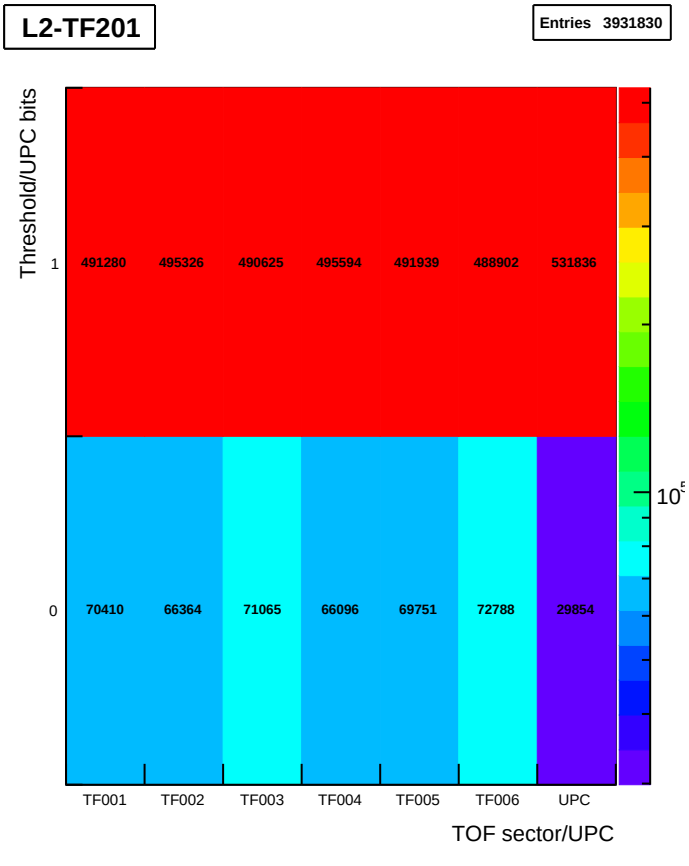

MIX-TF101
Entries 189949
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

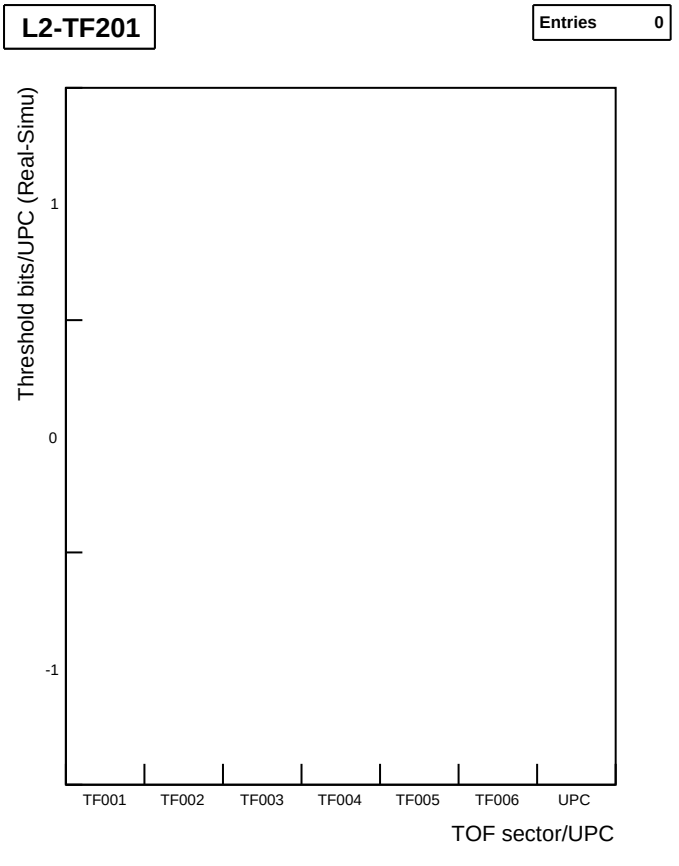

MIX-TF101
Entries 3370140
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

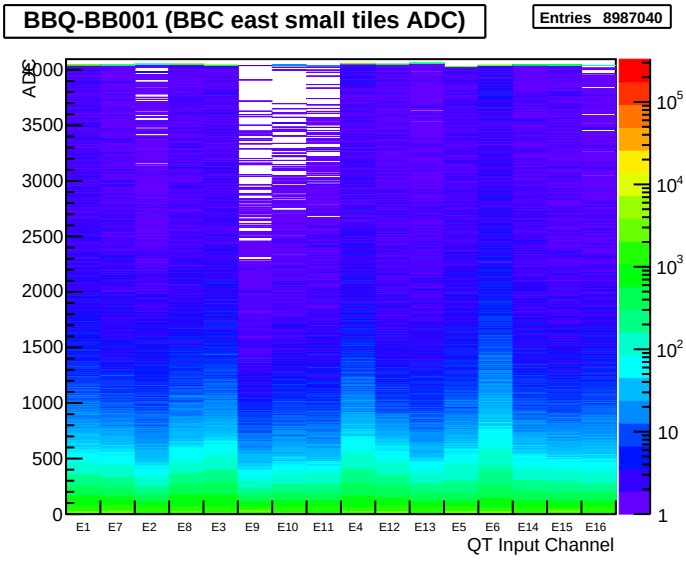

MIX-TF101
Entries 412316
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

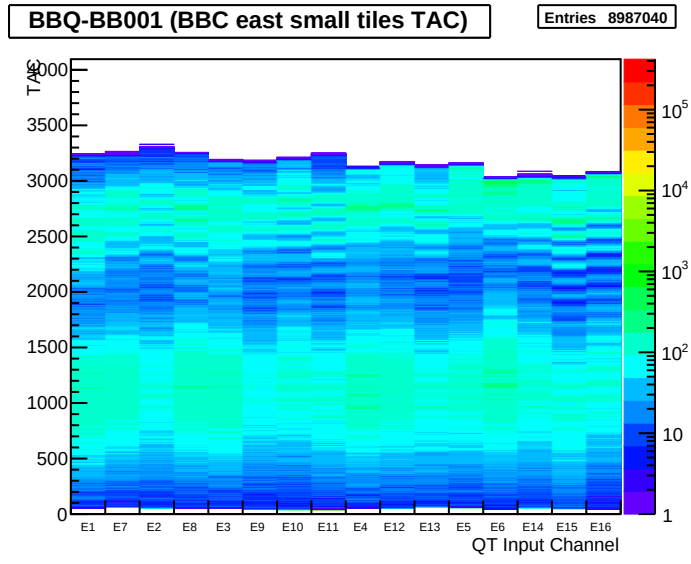

L2-TF201
Entries 561690
TOF total mult

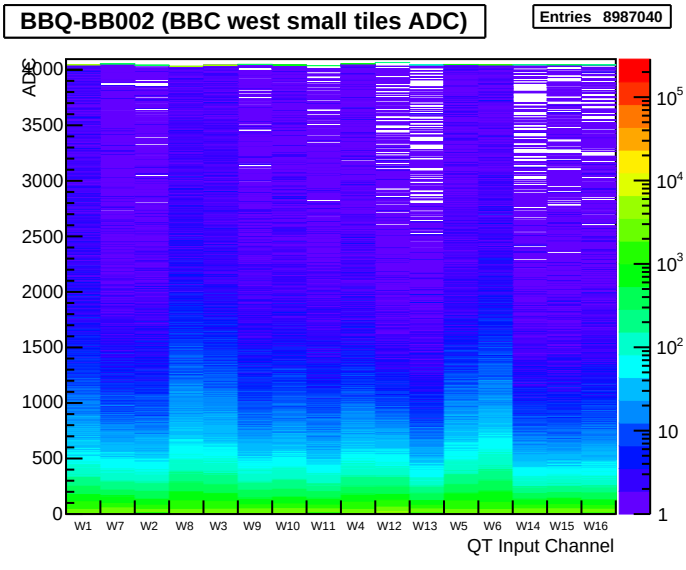

L2-TF201
Entries 0
TOF total mult(Real-Simu)

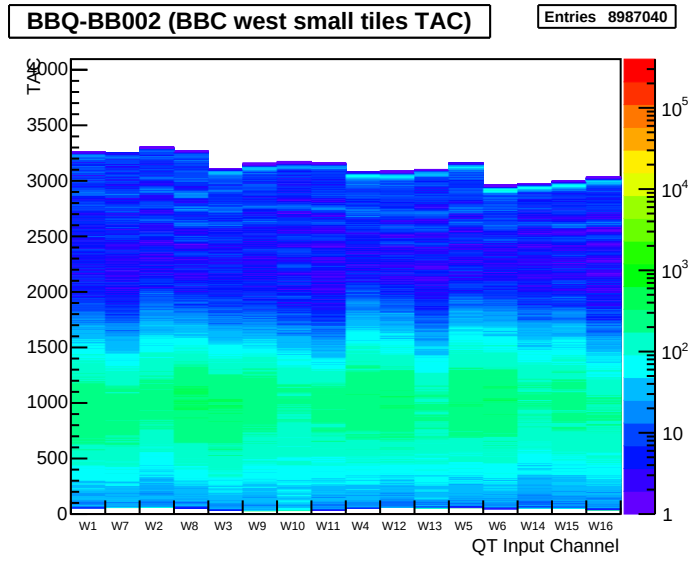

L2-TF201
Entries 3931830
Threshold/UPC bits
491280 495326 490625 495594 491939 488902 531836
70410 66364 71065 66096 69751 72788 29854
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

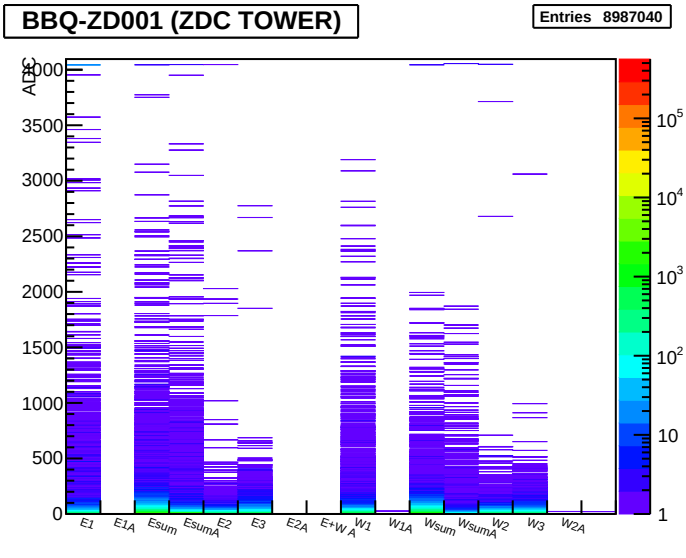

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

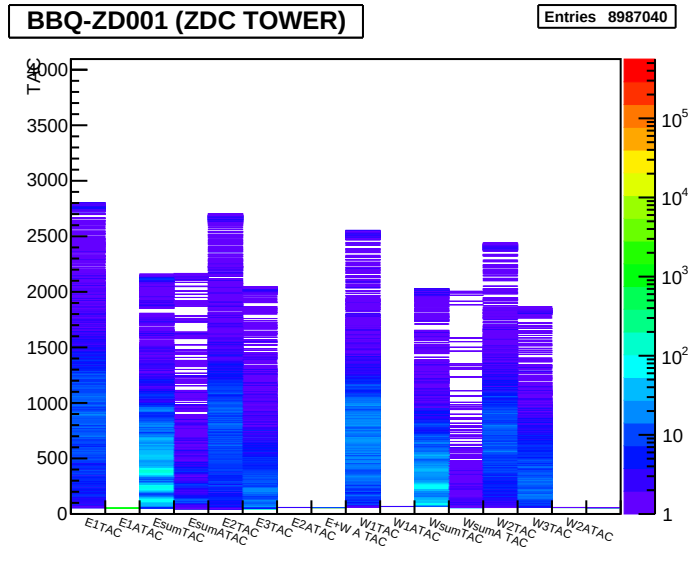

BBQ-BB001 (BBC east small tiles ADC)
Entries 8987040
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

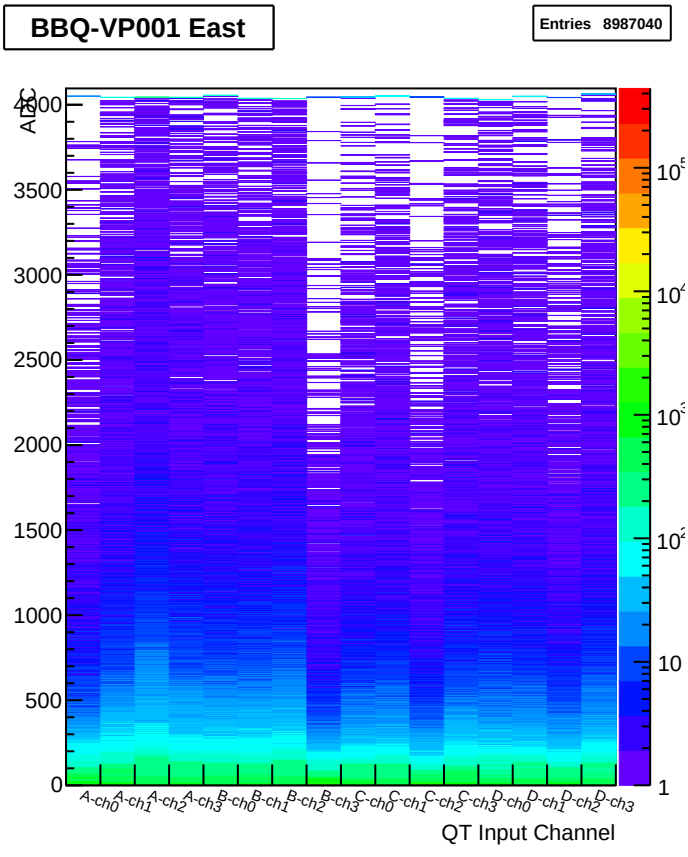

BBQ-BB001 (BBC east small tiles TAC)
Entries 8987040
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

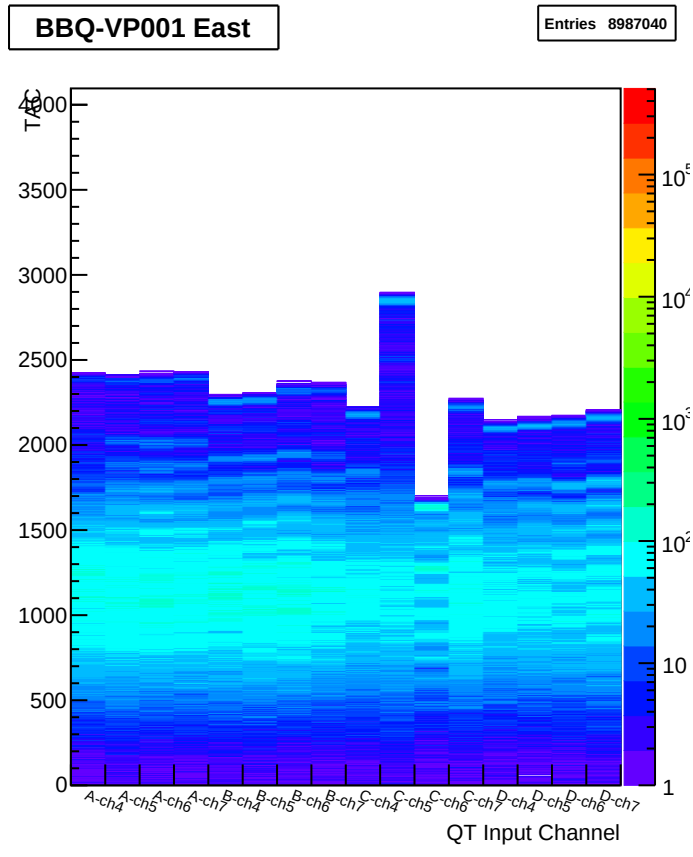

BBQ-BB002 (BBC west small tiles ADC)
Entries 8987040
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

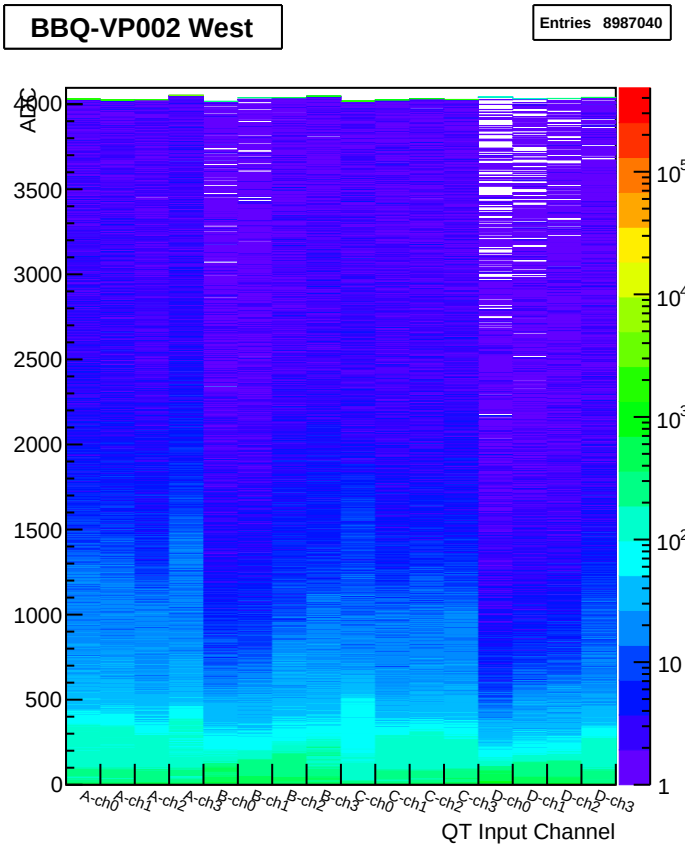

BBQ-BB002 (BBC west small tiles TAC)
Entries 8987040
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

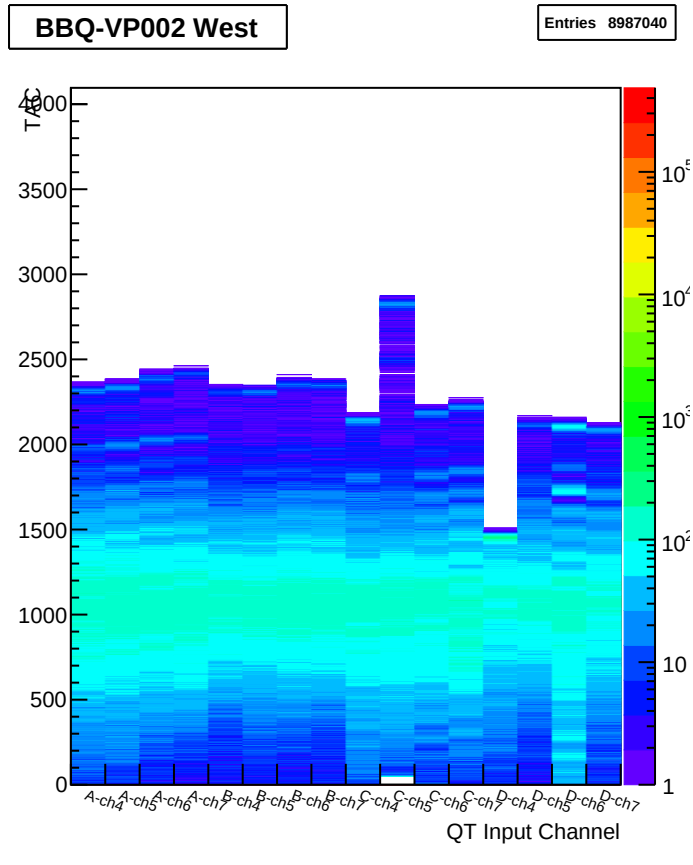

BBQ-ZD001 (ZDC TOWER)
Entries 8987040
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

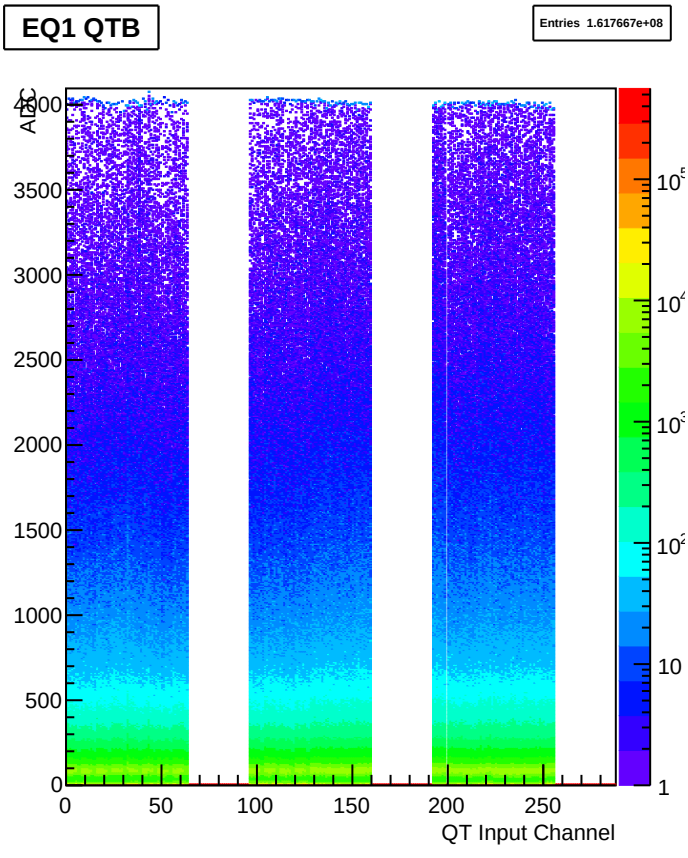

BBQ-ZD001 (ZDC TOWER)
Entries 8987040
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

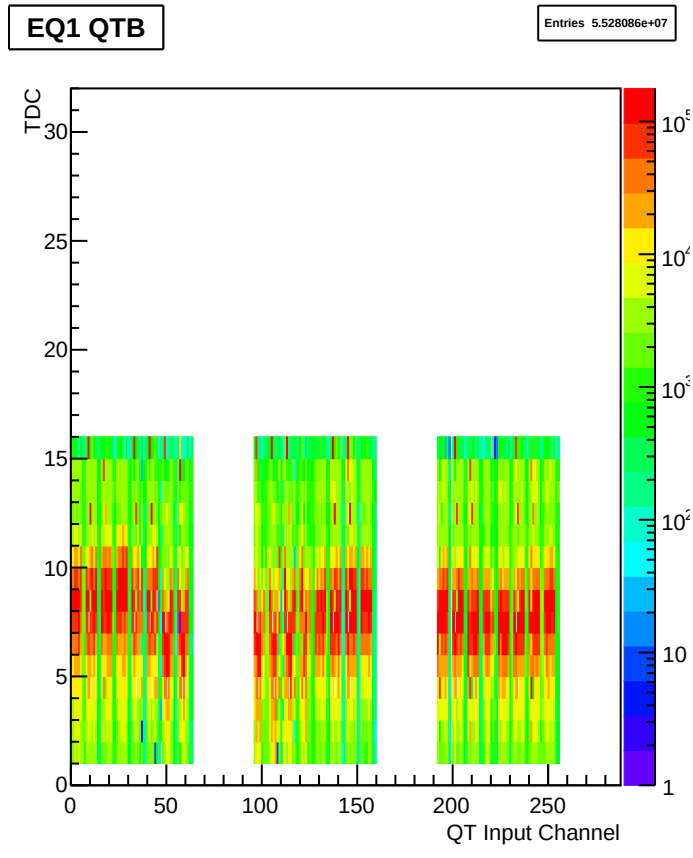

BBQ-VP001 East
Entries 8987040
ADC
QT Input Channel

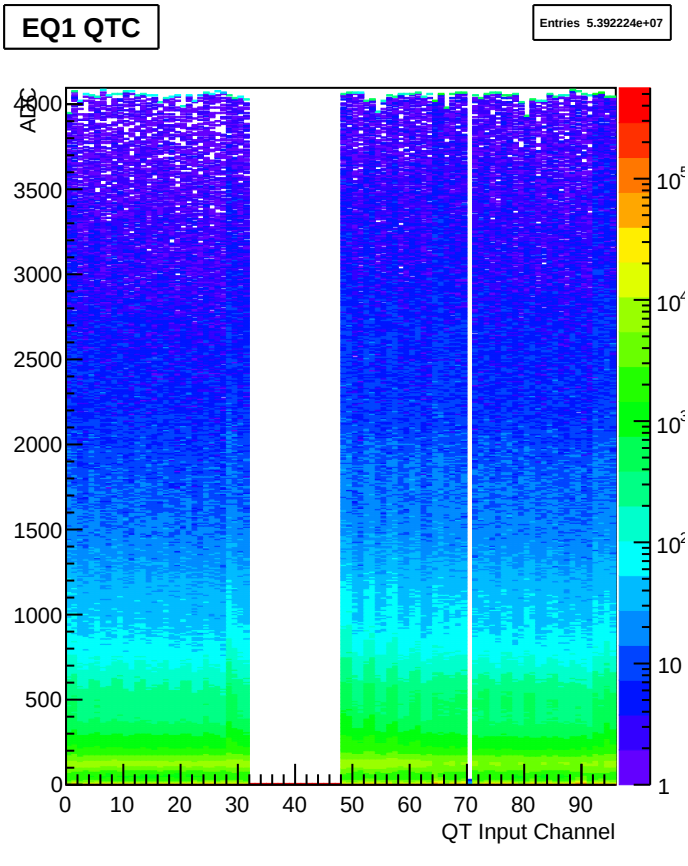

BBQ-VP001 East
Entries 8987040
ADC
QT Input Channel

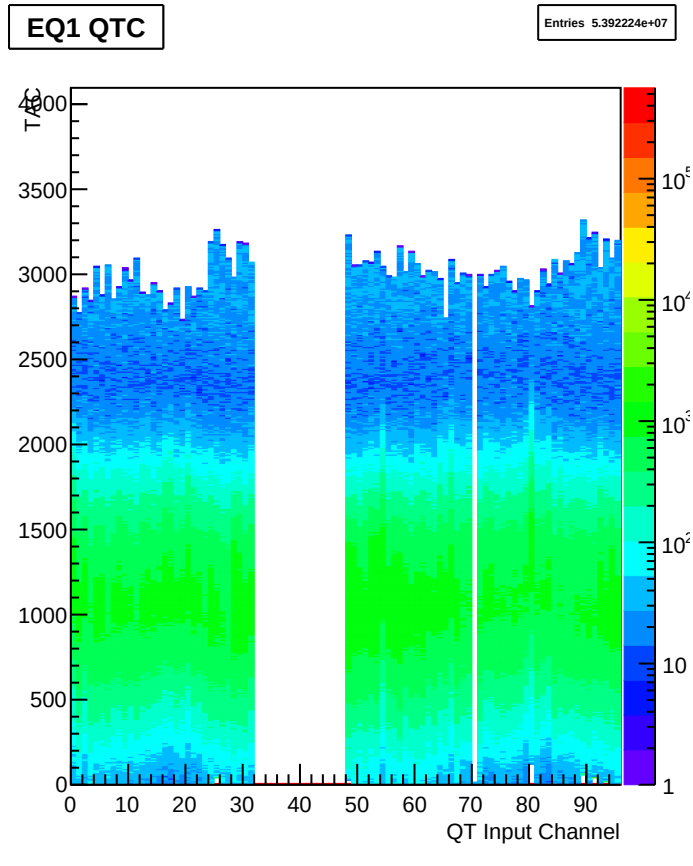

BBQ-VP002 West
Entries 8987040
ADC
QT Input Channel

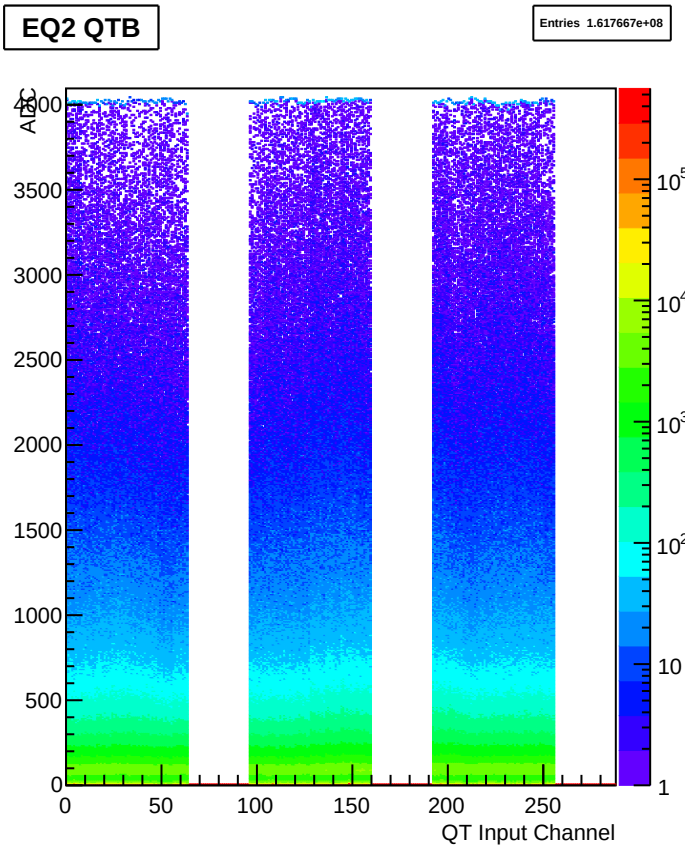

BBQ-VP002 West
Entries 8987040
ADC
QT Input Channel

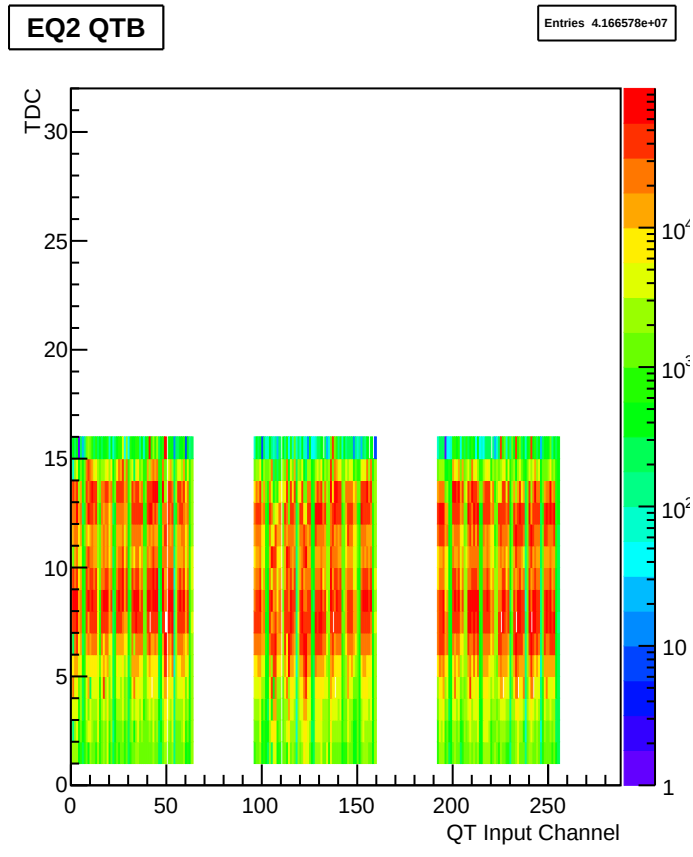

EQ1 QTB
Entries 1.617667e+08
ADC
QT Input Channel

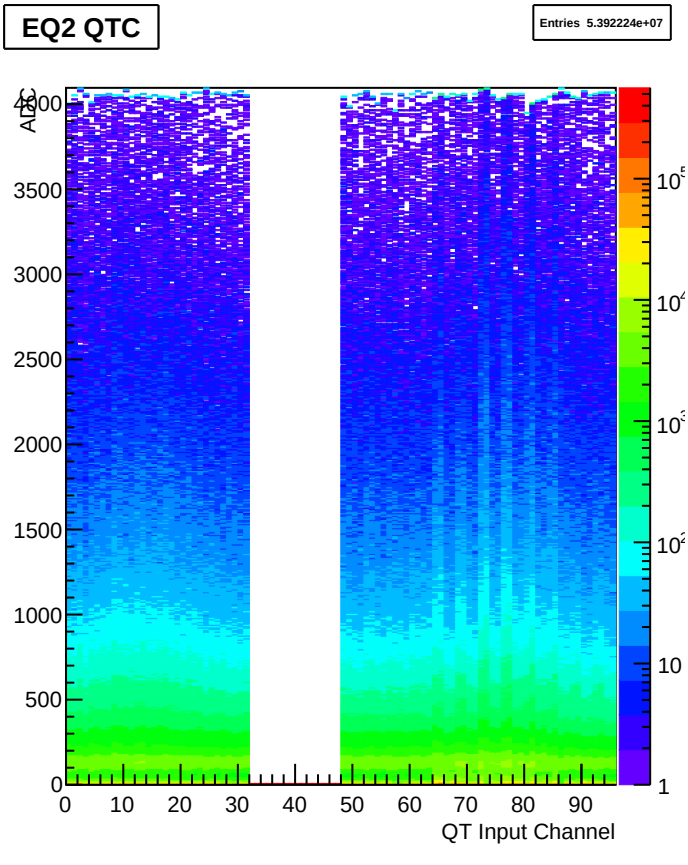

EQ1 QTB
Entries 5.528086e+07
TDC
QT Input Channel

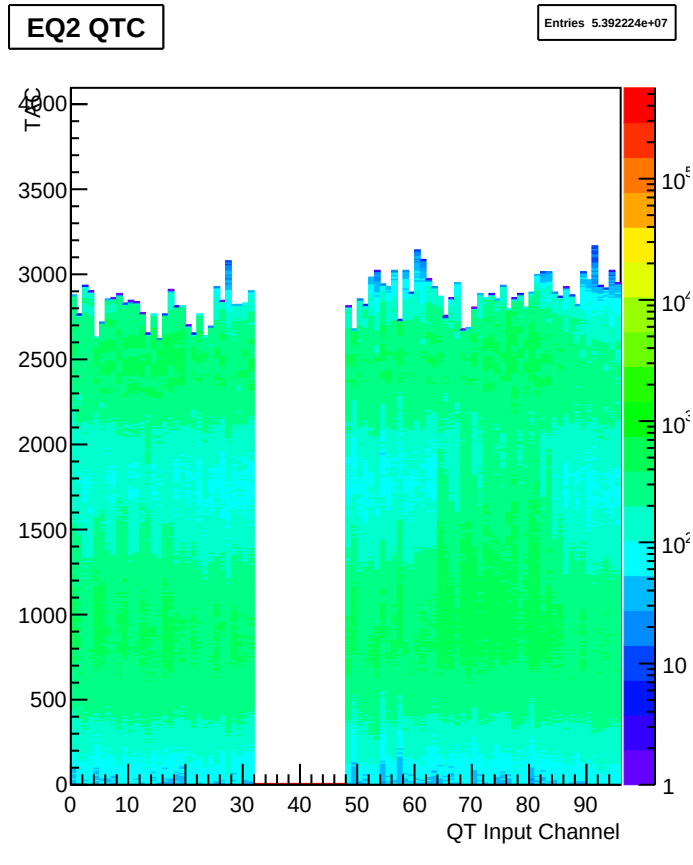

EQ1 QTC
Entries 5.392224e+07
ADC
QT Input Channel

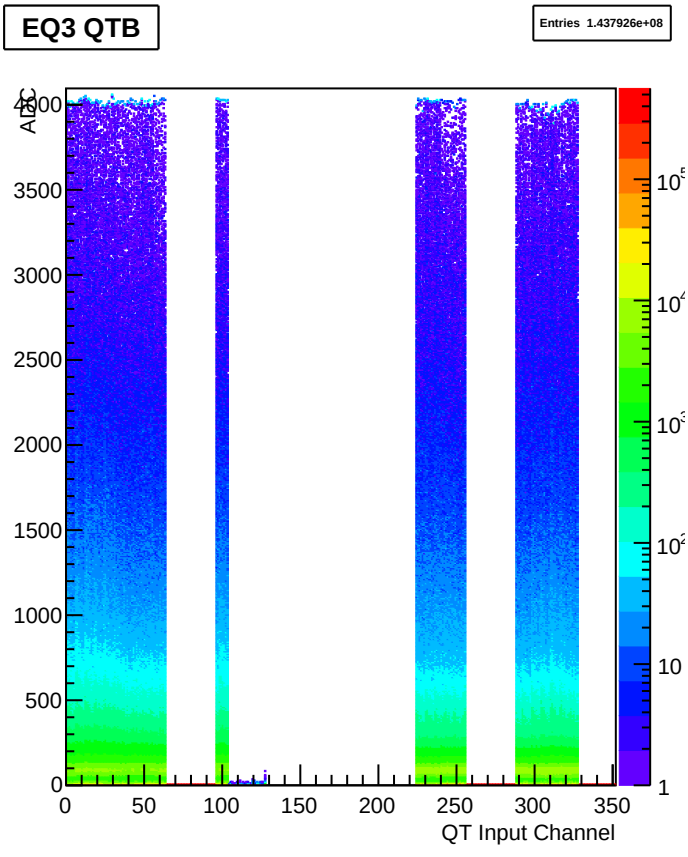

EQ1 QTC
Entries 5.392224e+07
TADC
QT Input Channel

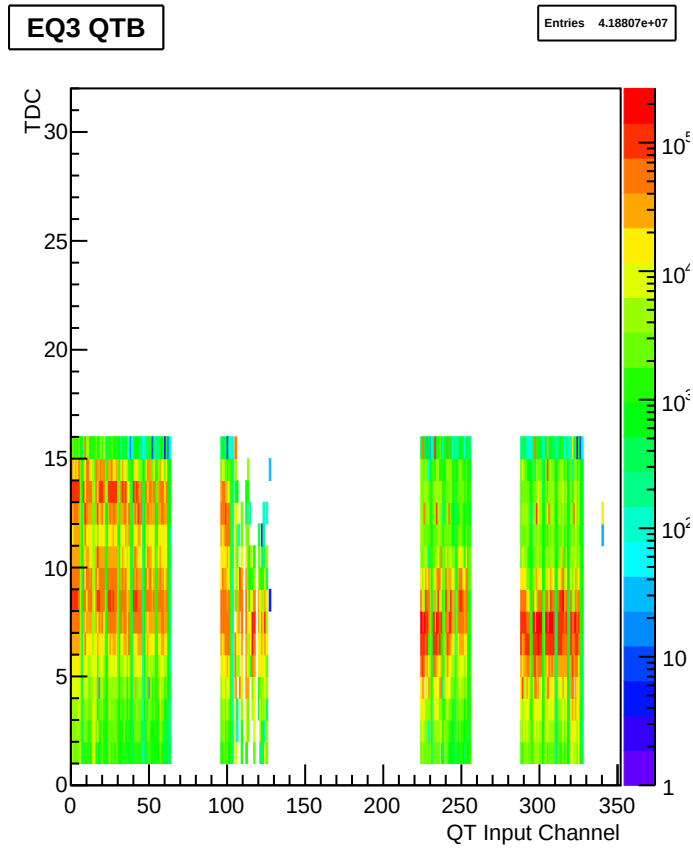

EQ2 QTB
Entries 1.617667e+08
ADC
QT Input Channel

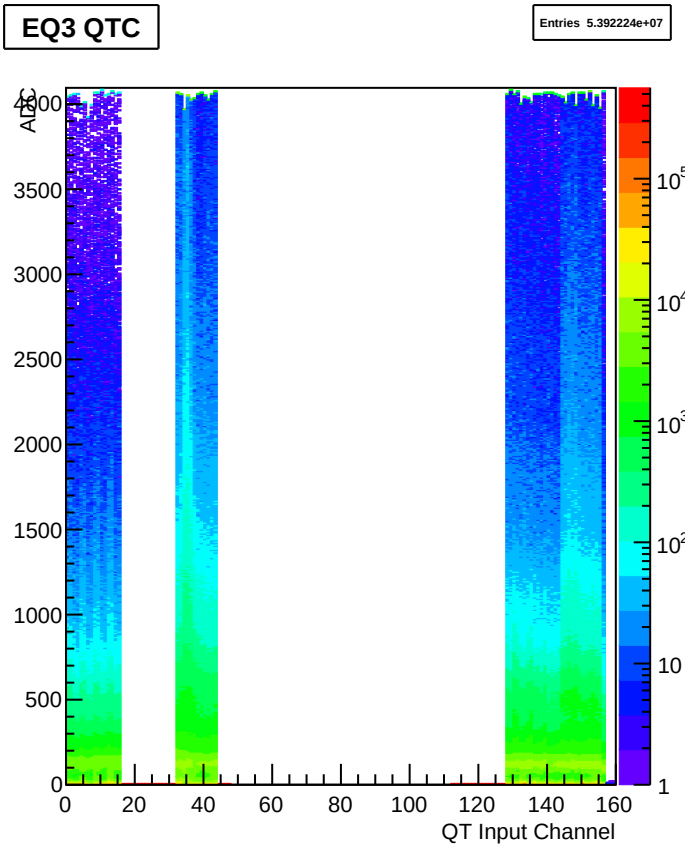

EQ2 QTB
Entries 4.166578e+07
TDC
QT Input Channel

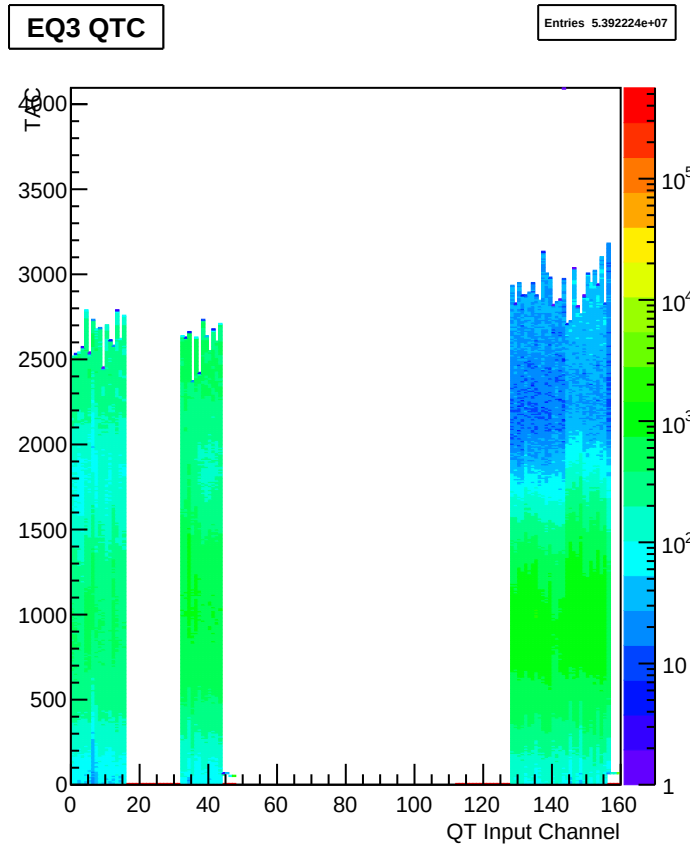

EQ2 QTC
Entries 5.392224e+07
ADC
QT Input Channel

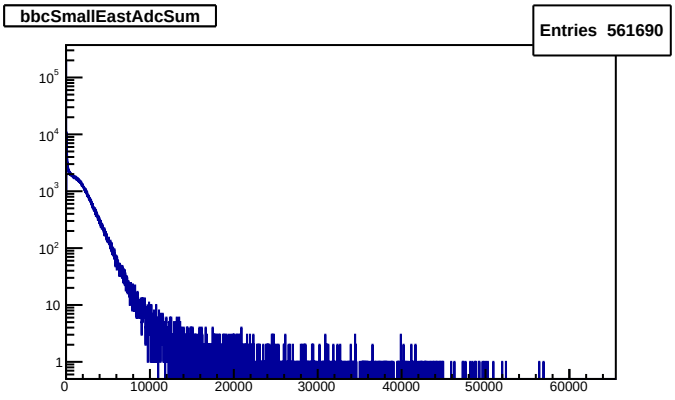

EQ2 QTC
Entries 5.392224e+07
TADC
QT Input Channel

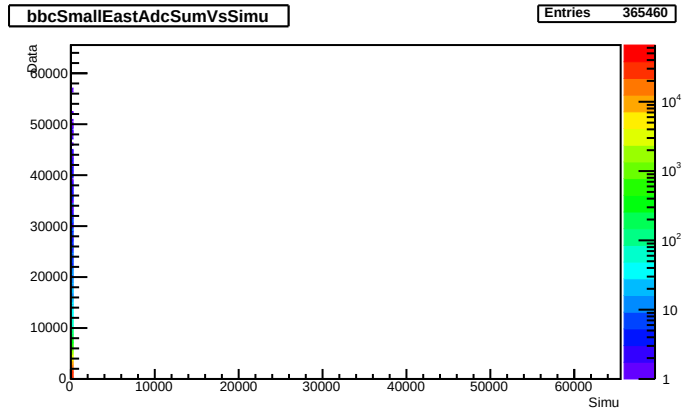

EQ3 QTB
Entries 1.437926e+08
ADC
QT Input Channel

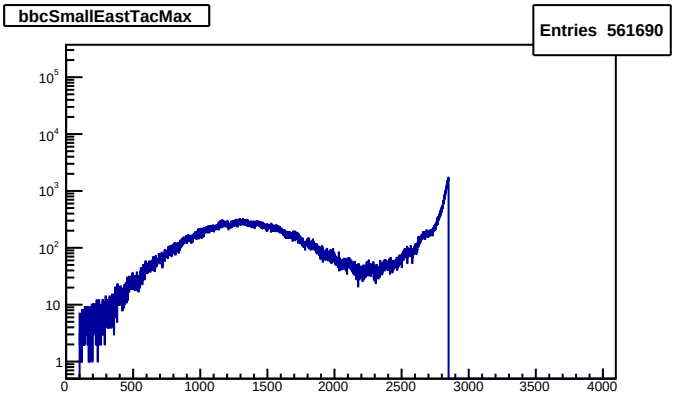

EQ3 QTB
Entries 4.18807e+07
TDC
QT Input Channel

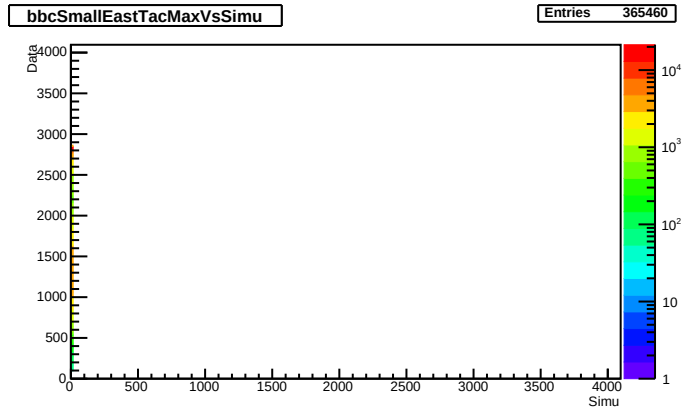

EQ3 QTC
Entries 5.392224e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.392224e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 561690


bbcSmallEastAdcSumVsSimu
Entries 365460
Data
Simu


bbcSmallEastTacMax
Entries 561690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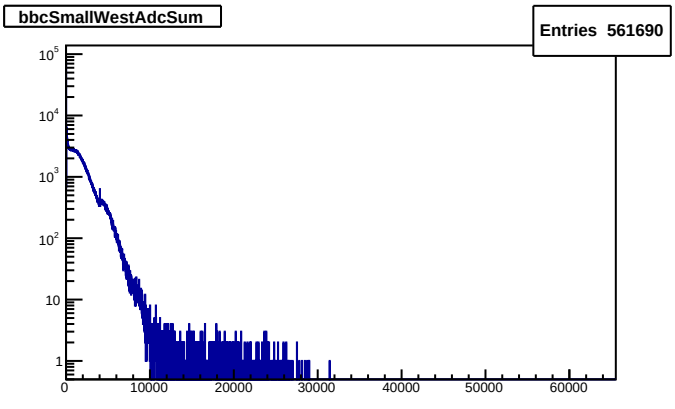
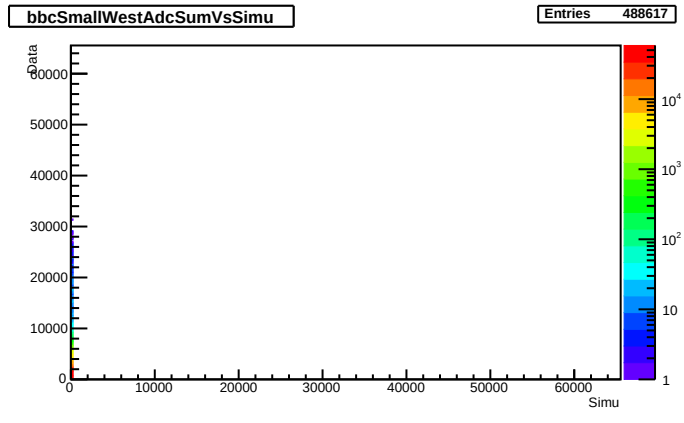
Entries 365460
Data
Simu


bbcSmallWestAdcSum
Entries 561690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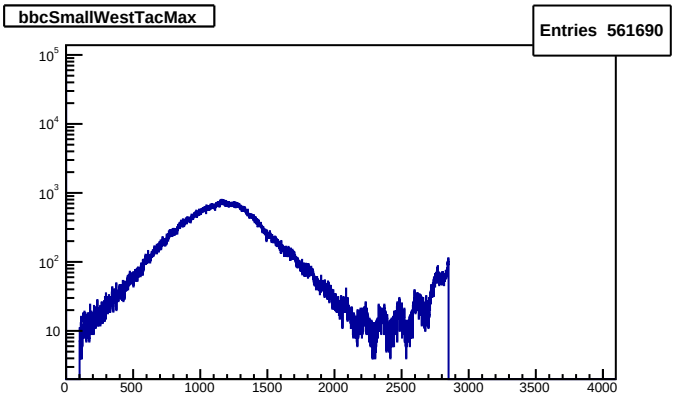
Entries 488617
Data
Simu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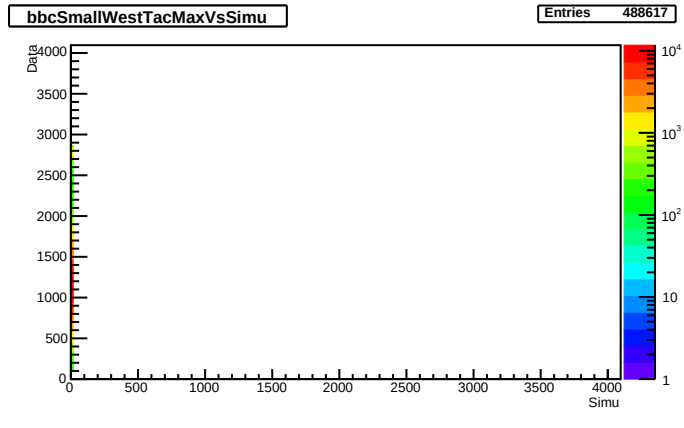
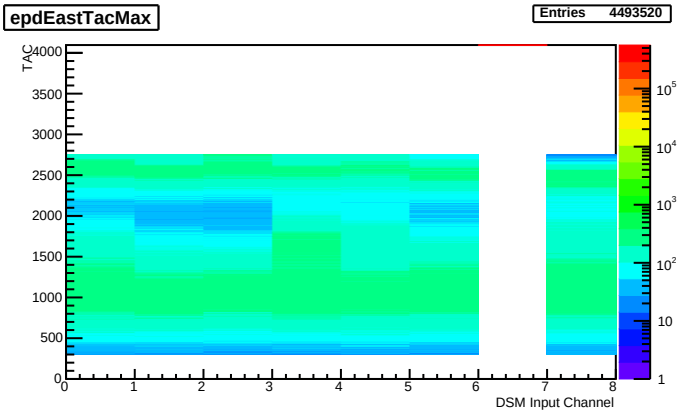
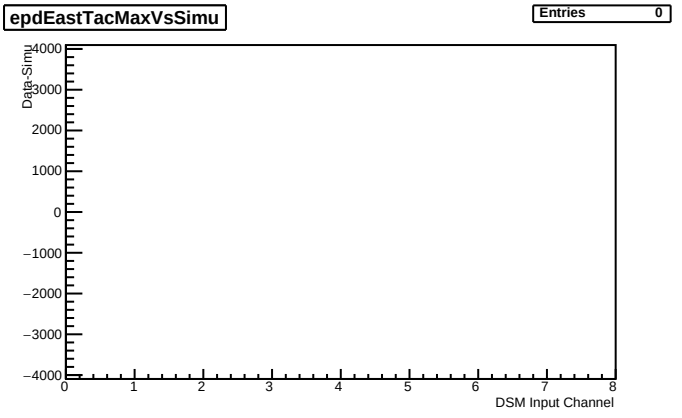
Entries 561690


bbcSmallWestTacMaxVsSimu
Entries 488617
Data
Simu


epdEastTacMax
Entries 4493520
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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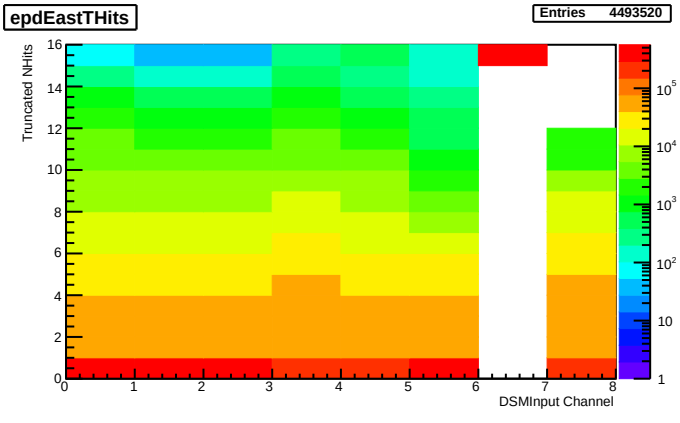
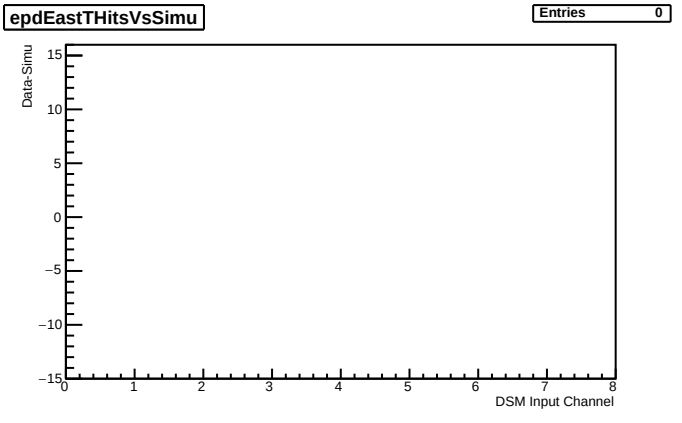
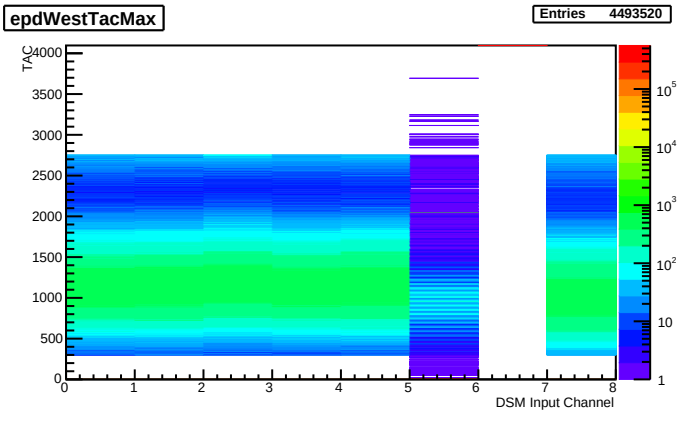
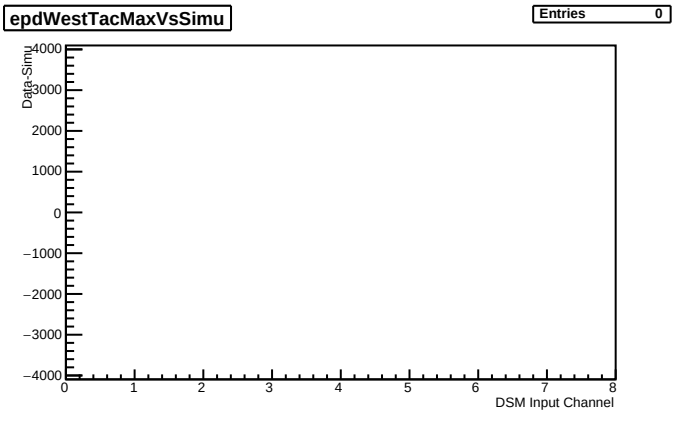

epdEastTHits
Entries 4493520
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4493520
TAC
DSM Input Channel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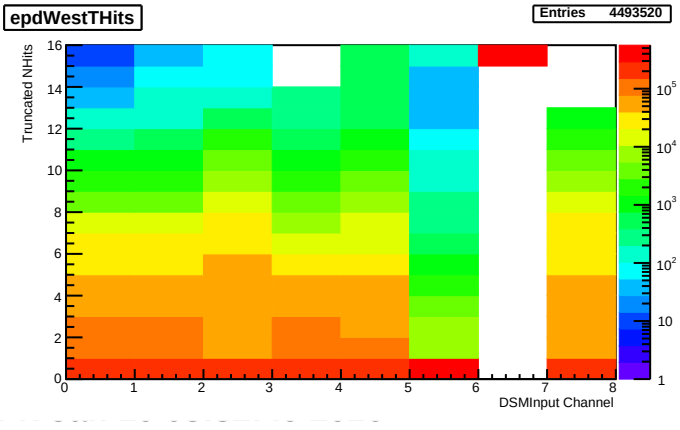
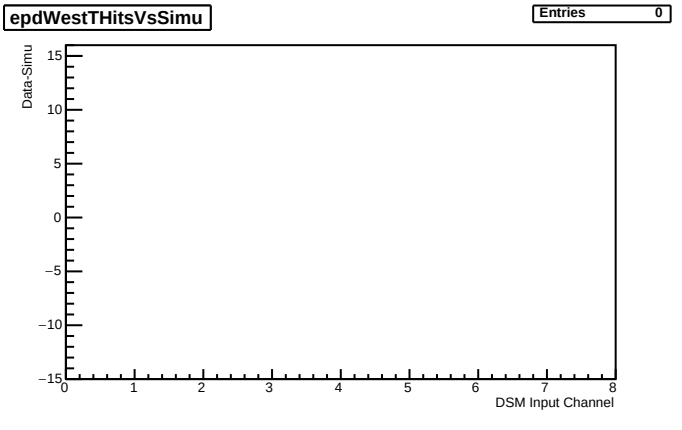
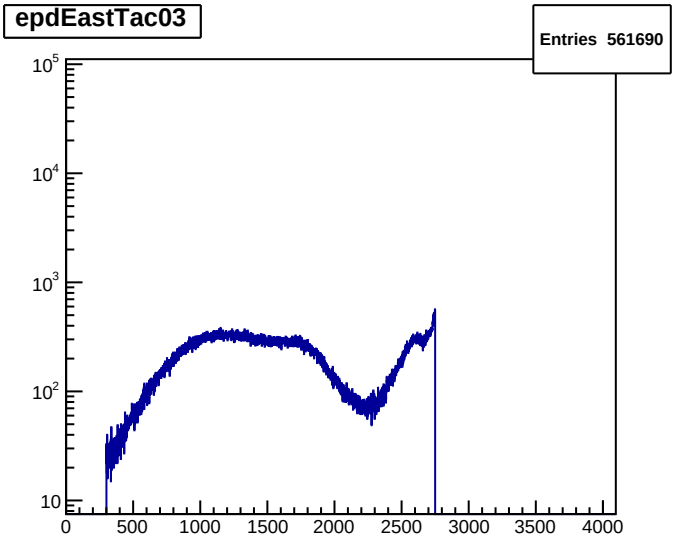
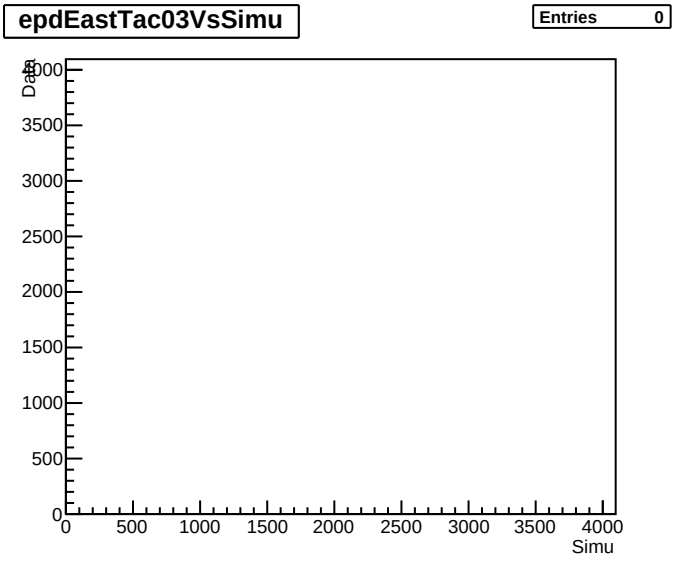
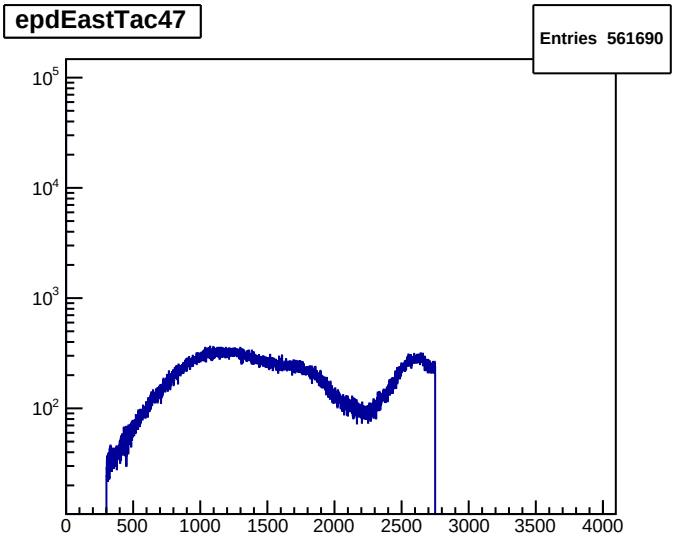
Entries 0
Data-Simu
DSM Input Channel

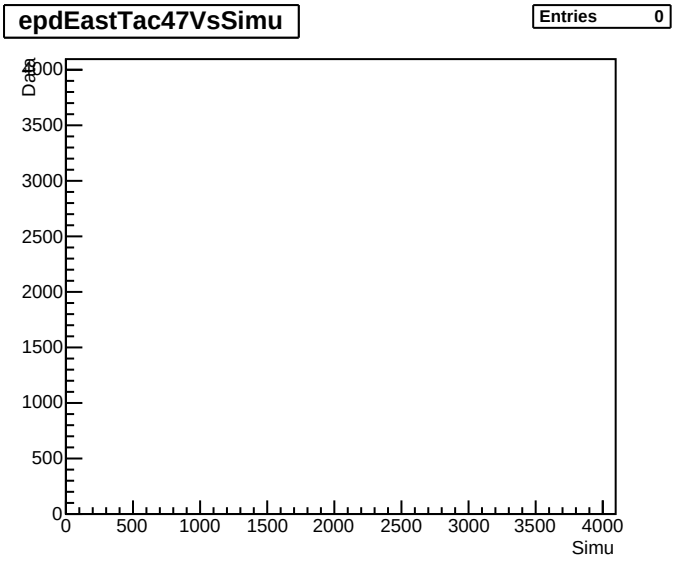

epdWestTHits
Entries 4493520
Truncated NHits
DSMInput Channel

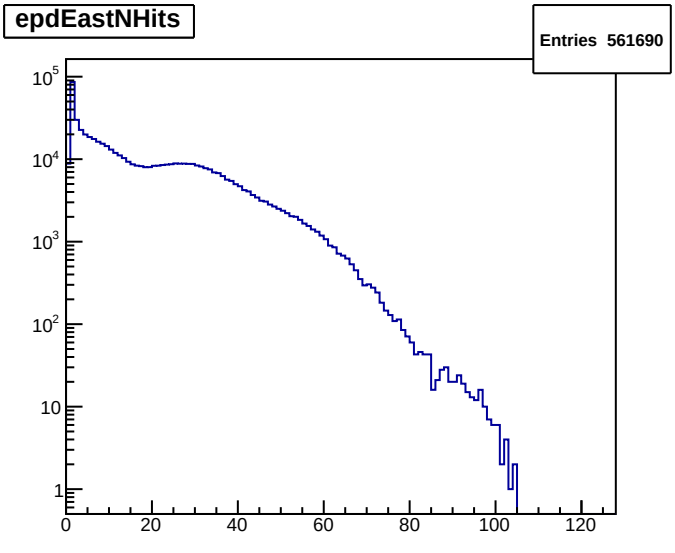

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

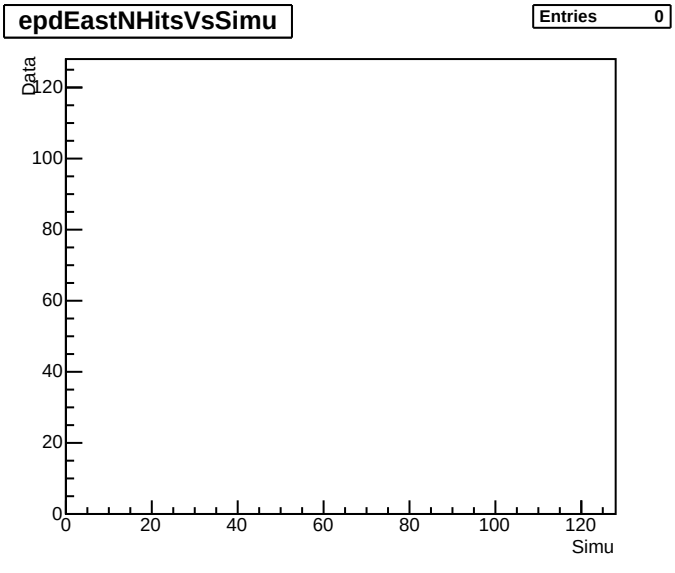

epdEastTac03
Entries 561690


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 561690


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 561690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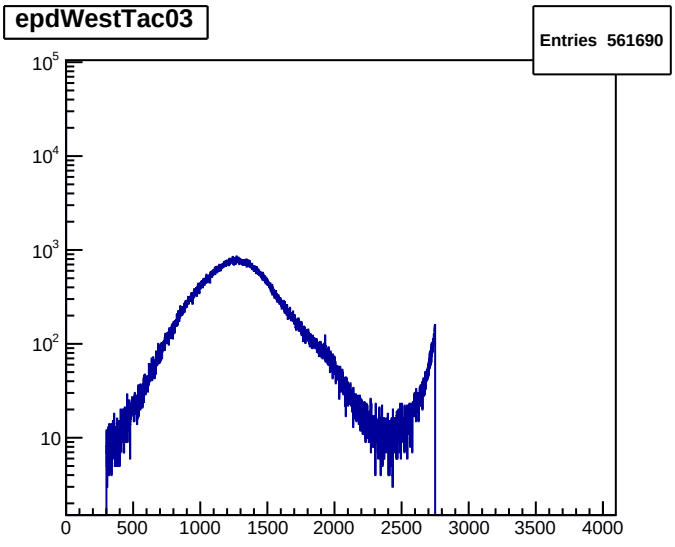
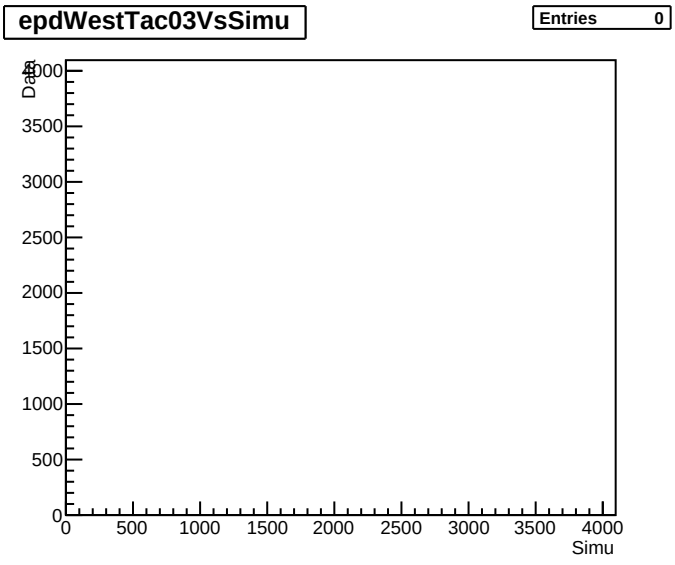
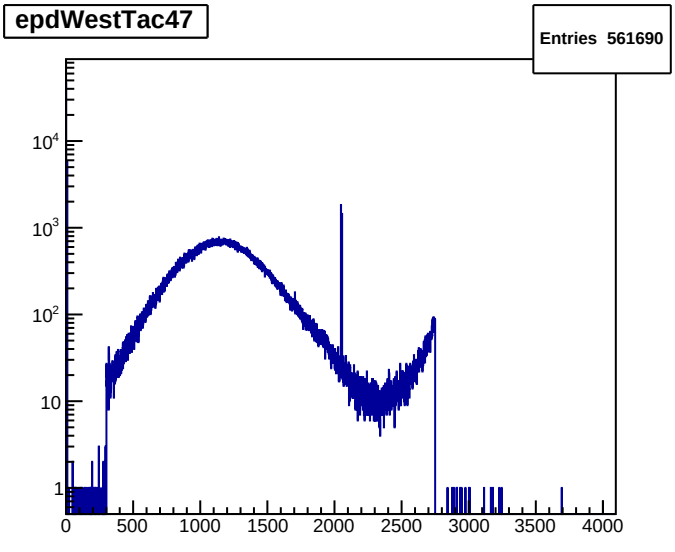
Entries 0
Data
Simu


epdWestTac03
Entries 561690


epdWestTac03VsSimu
Entries 0
Data
Simu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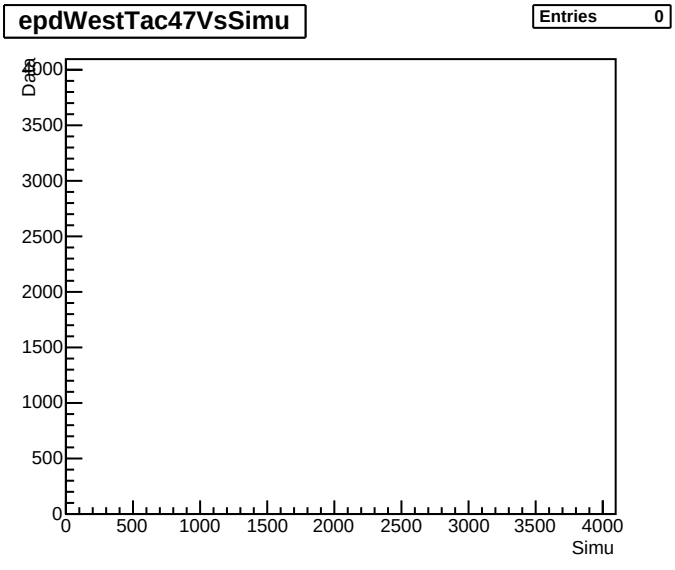
Entries 561690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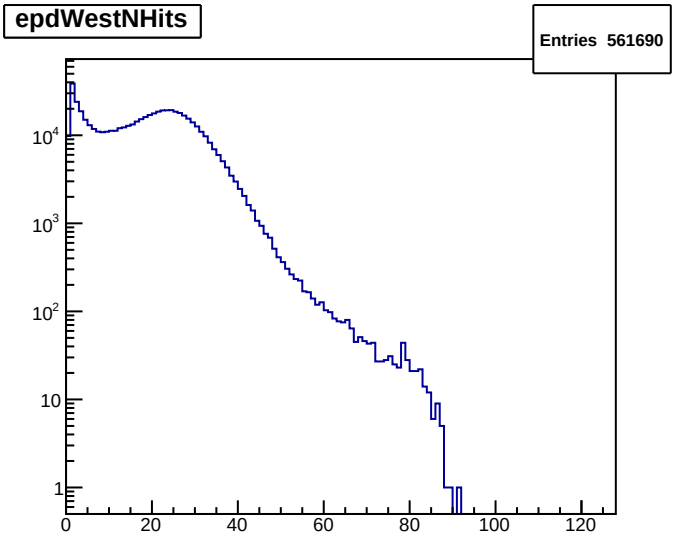
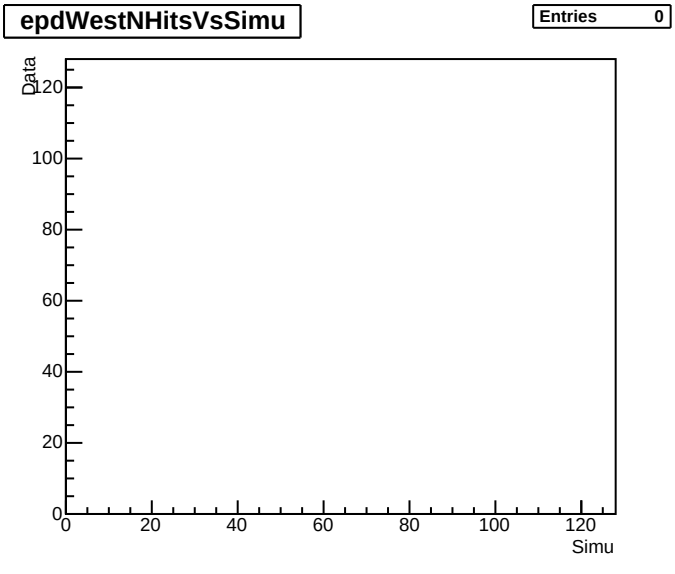
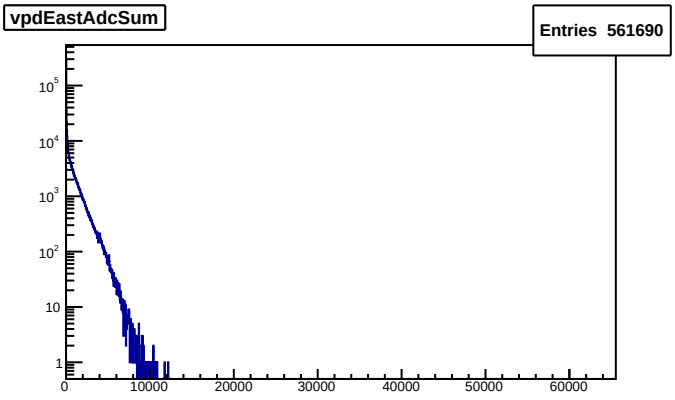
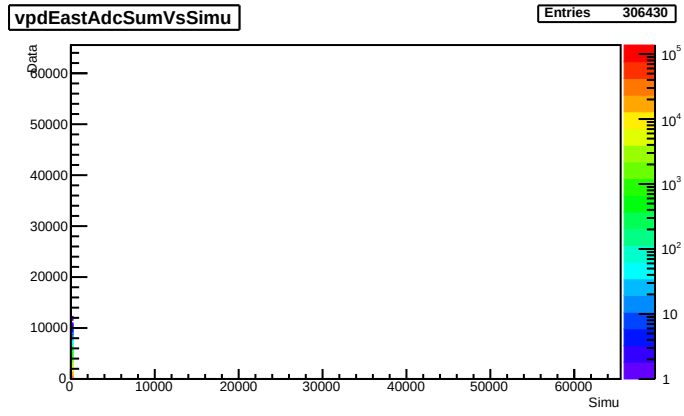
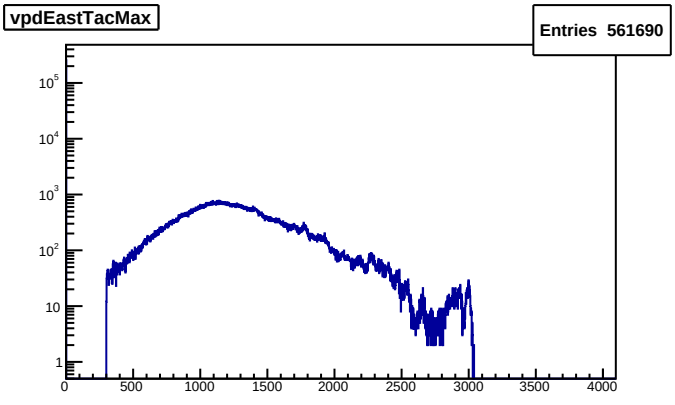
Entries 0
Data
Simu

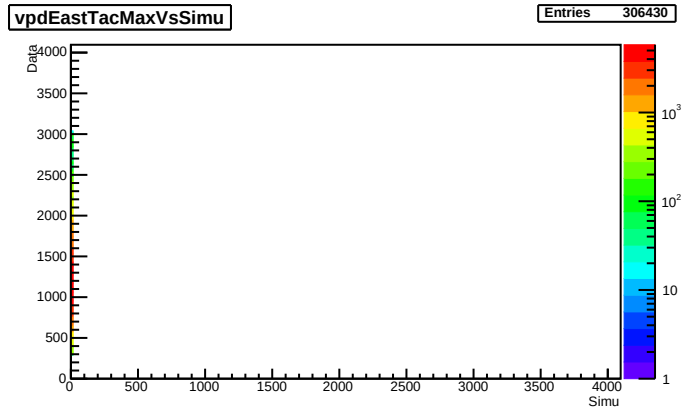

epdWestNHits
Entries 561690

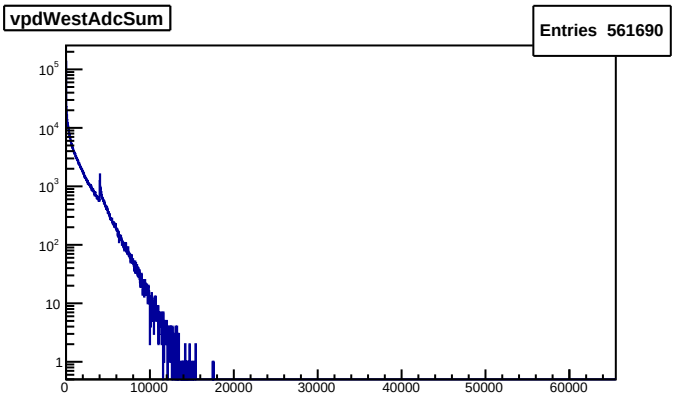

epdWestNHitsVsSimu
Entries 0
Data
Simu

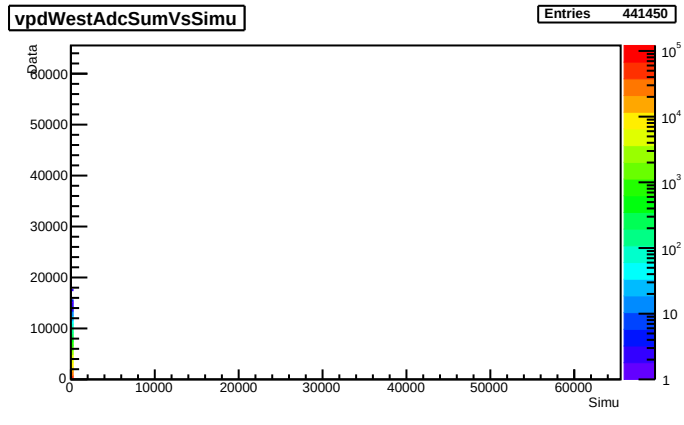

vpdEastAdcSum
Entries 561690

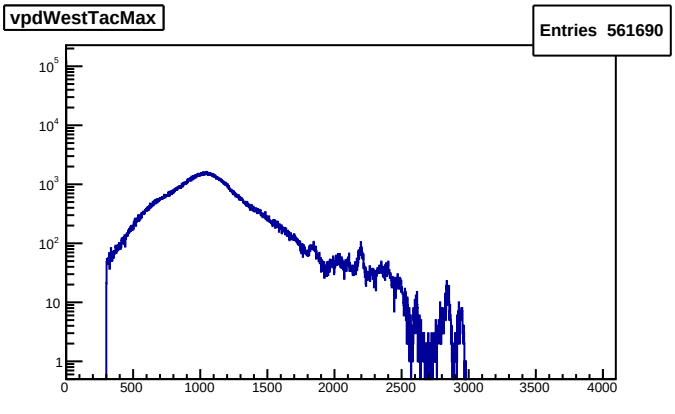

vpdEastAdcSumVsSimu
Entries 306430
Data
Simu

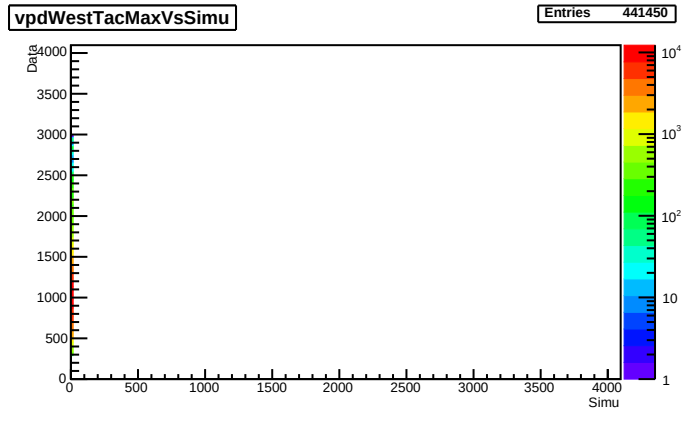

vpdEastTacMax
Entries 561690

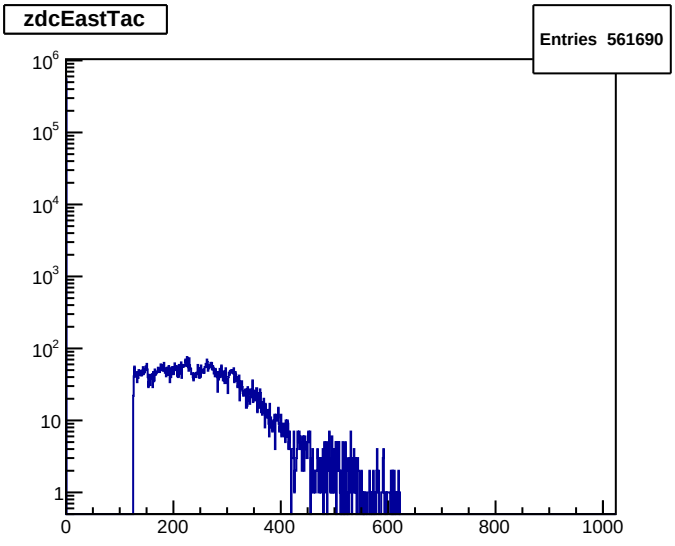

vpdEastTacMaxVsSimu
Entries 306430
Data
Simu

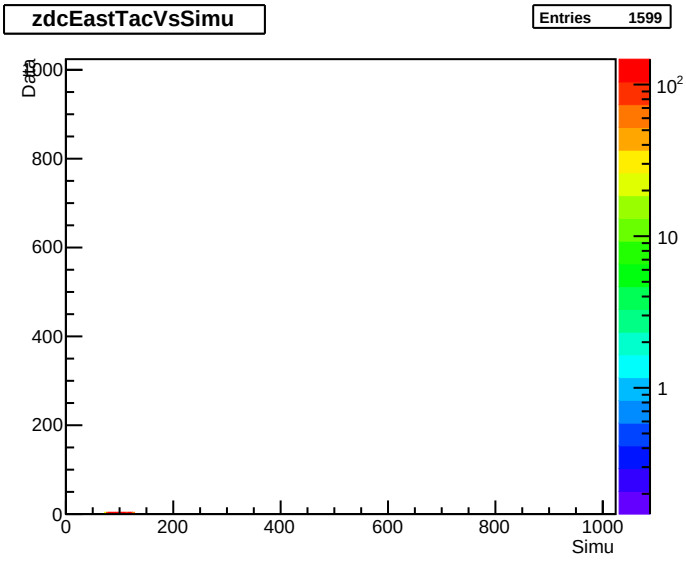

vpdWestAdcSum
Entries 561690

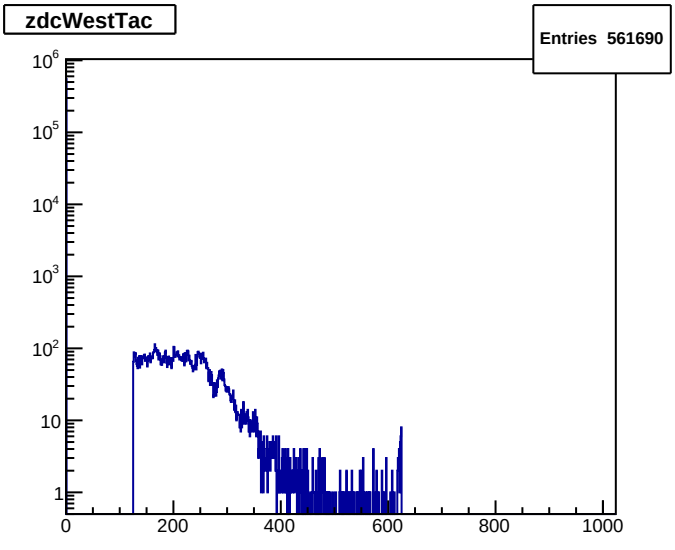

vpdWestAdcSumVsSimu
Entries 441450
Data
Simu

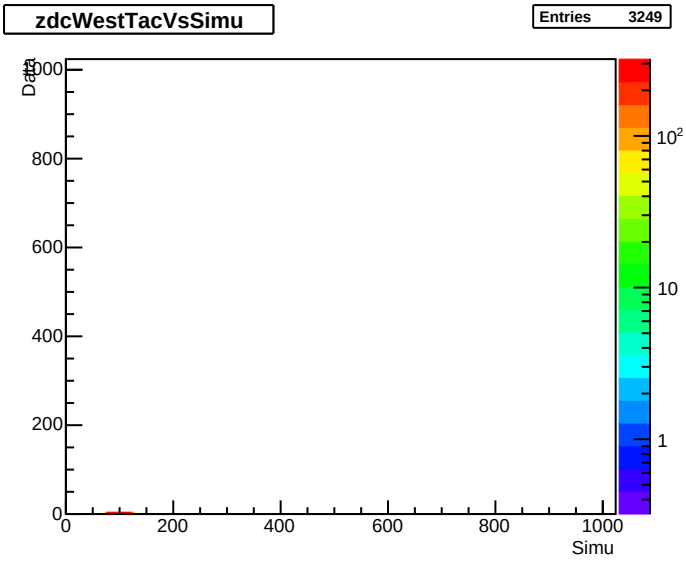

vpdWestTacMax
Entries 561690

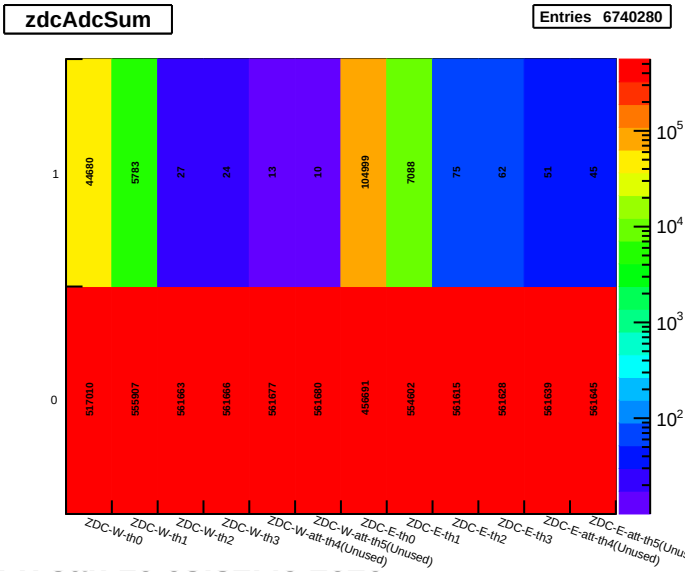

vpdWestTacMaxVsSimu
Entries 441450
Data
Simu

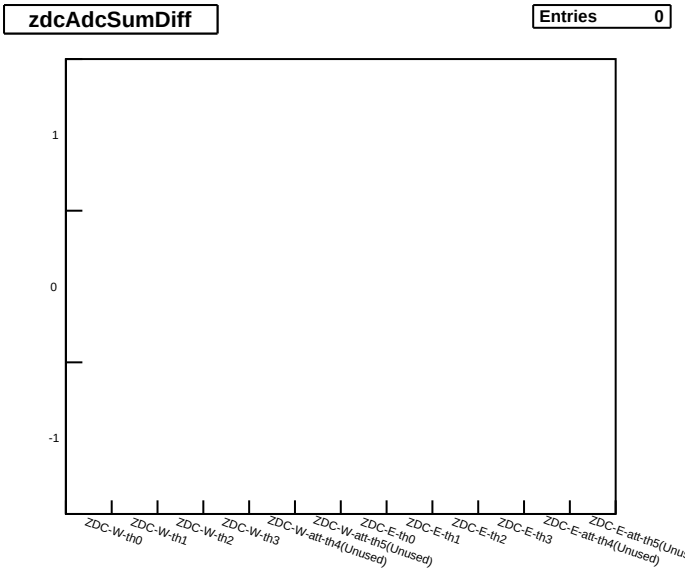

zdcEastTac
Entries 561690

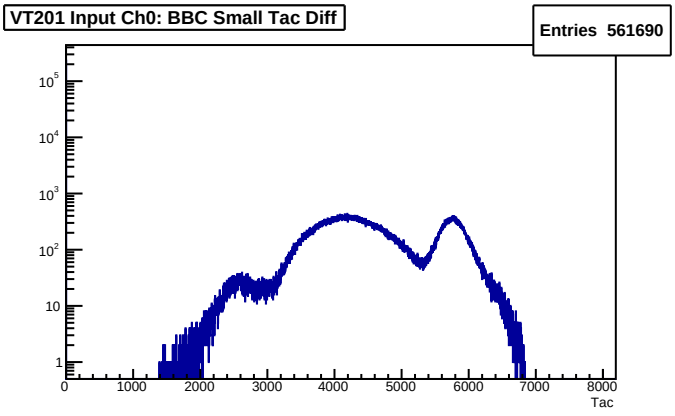

zdcEastTacVsSimu
Entries 1599
Data
Simu

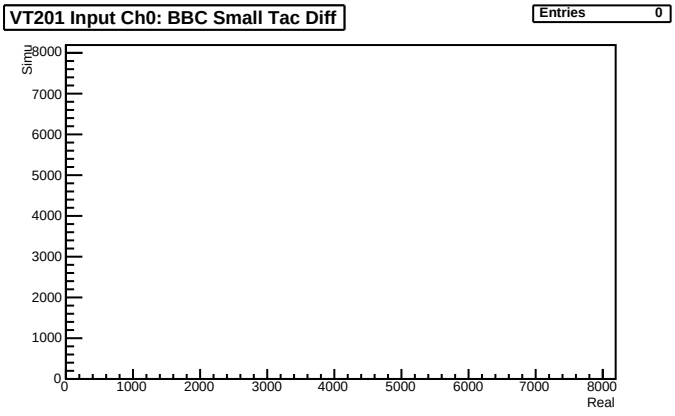

zdcWestTac
Entries 561690

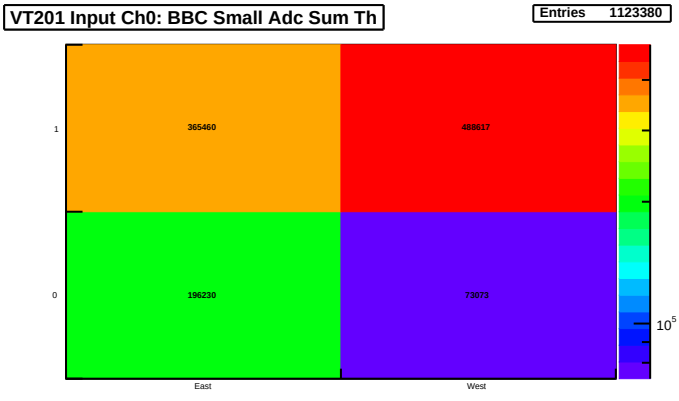

zdcWestTacVsSimu
Entries 3249
Data
Simu

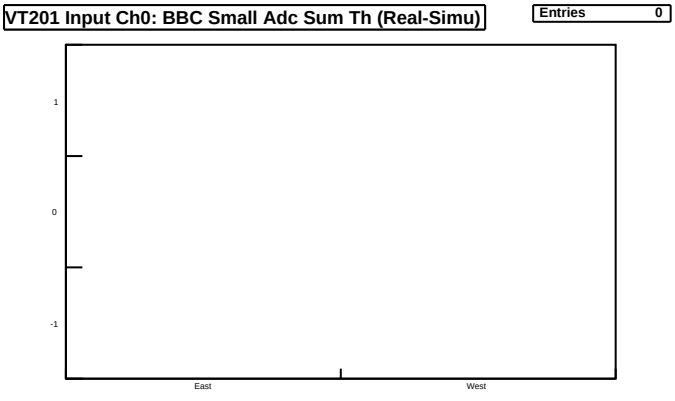

zdcAdcSum
Entries 6740280
44680
5783
27
24
13
10
104999
7088
75
62
51
45
517010
555907
561653
561666
561677
561680
456691
554602
561615
561628
561639
561645
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

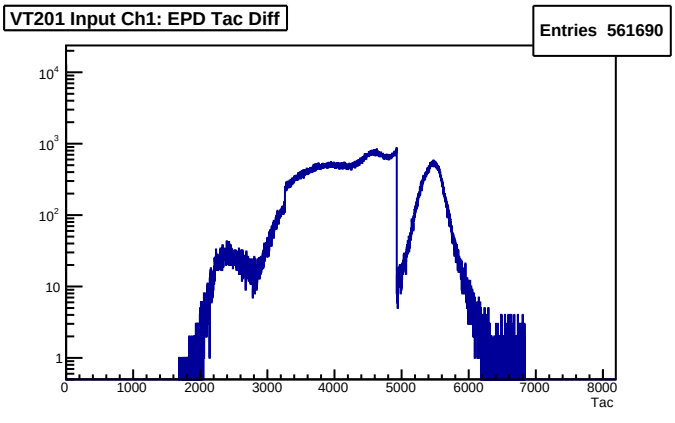

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

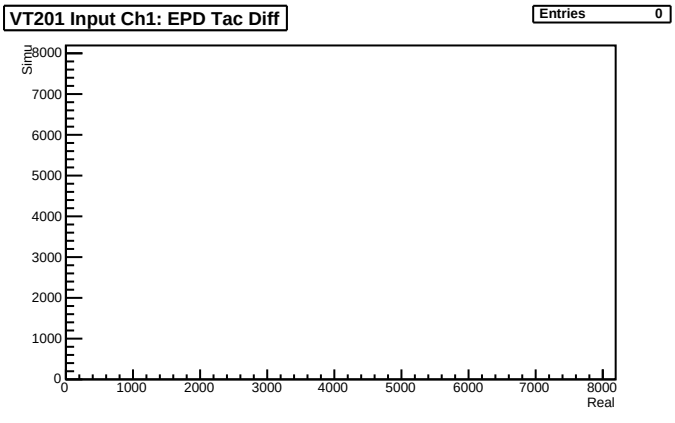

VT201 Input Ch0: BBC Small Tac Diff
Entries 561690
Tac

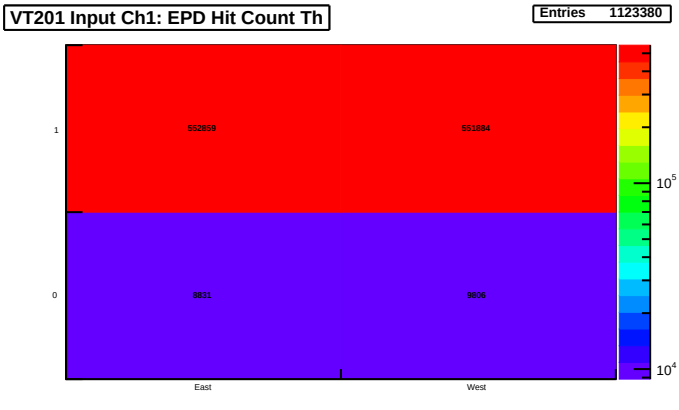

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

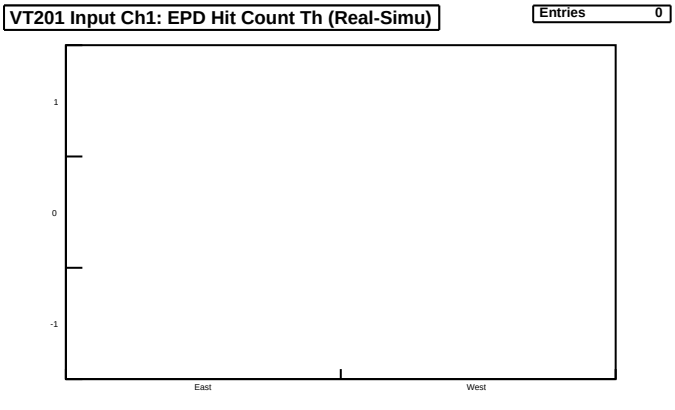

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1123380
365460
488617
196230
73073
East
West

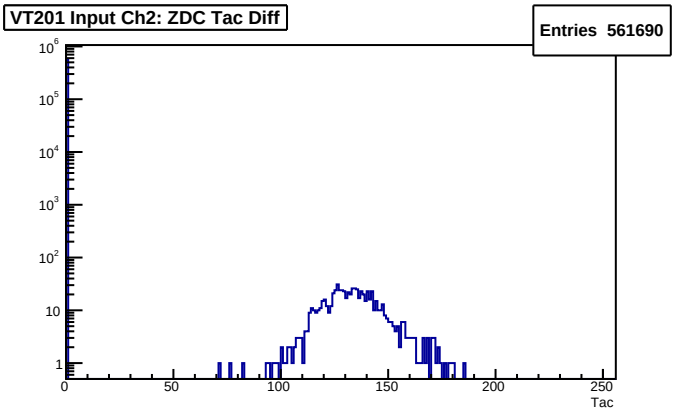

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

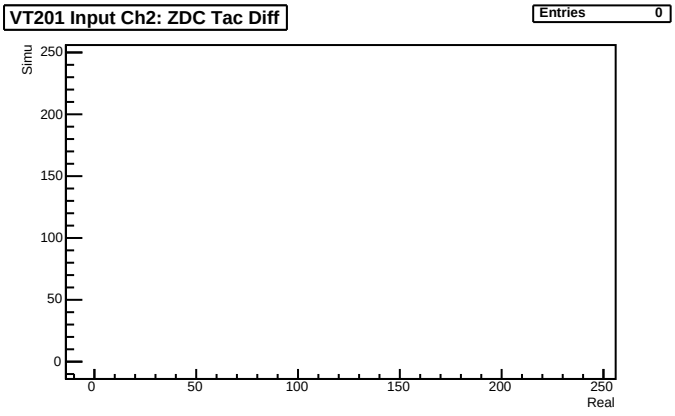

VT201 Input Ch1: EPD Tac Diff
Entries 561690
Tac

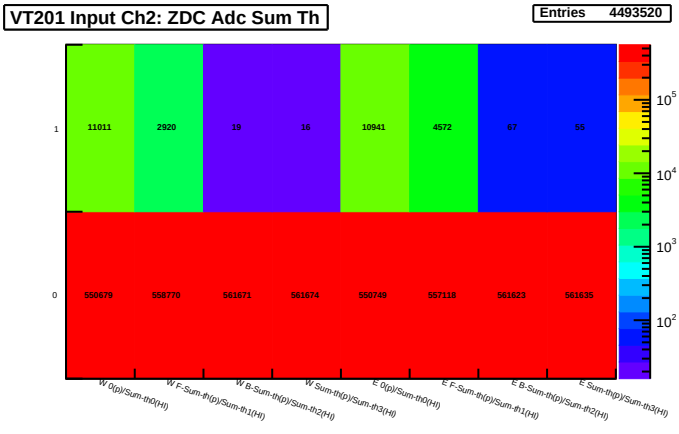

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

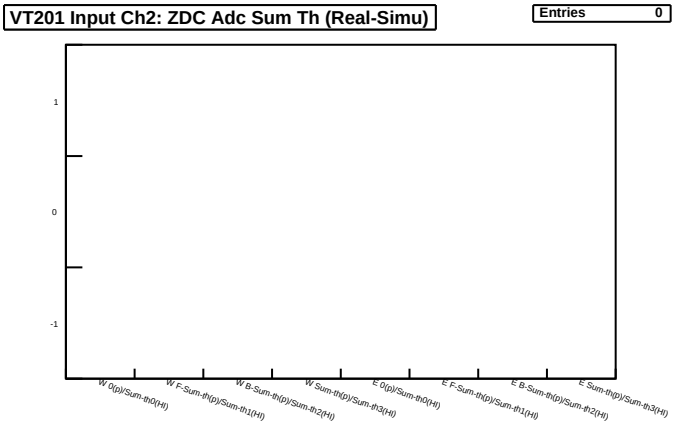

VT201 Input Ch1: EPD Hit Count Th
Entries 1123380
552859
551884
8831
9906
East
West

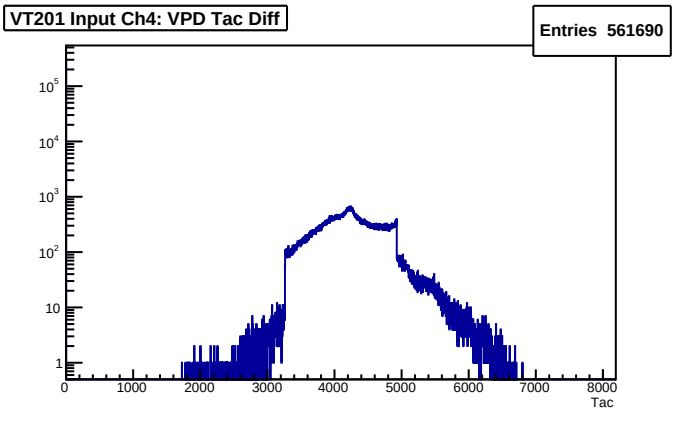

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

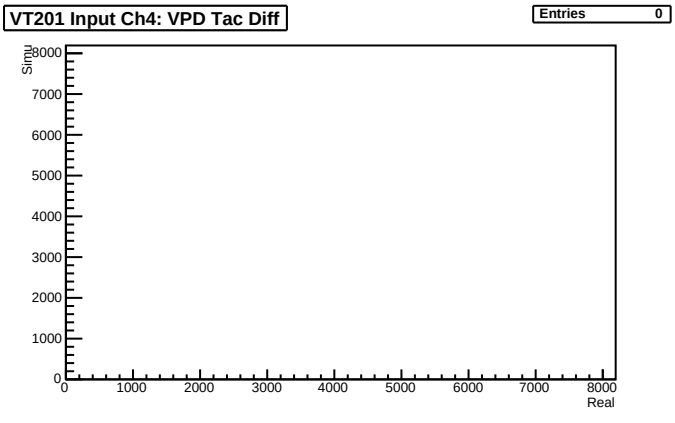

VT201 Input Ch2: ZDC Tac Diff
Entries 561690
Tac

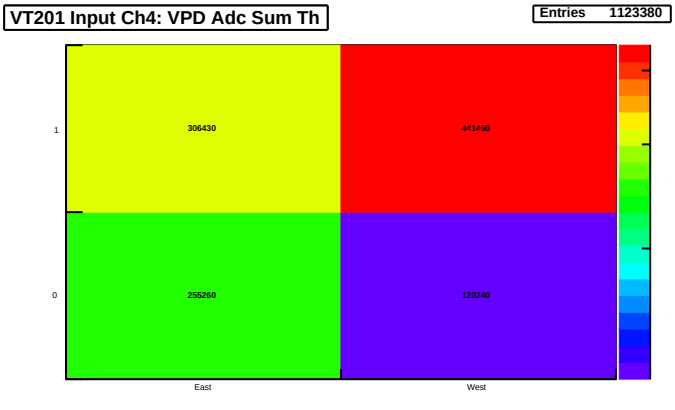

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

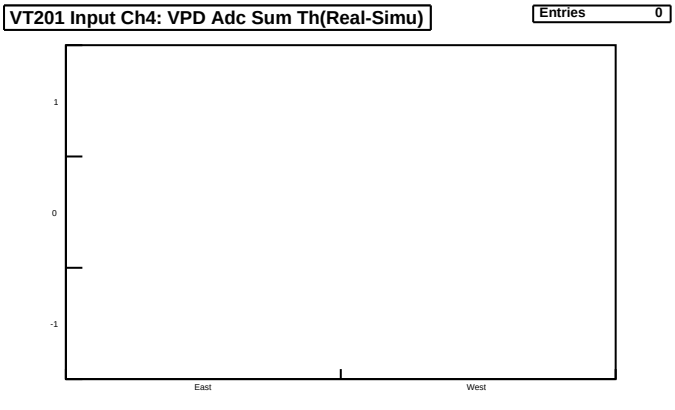

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4493520
11011
2920
19
16
10941
4572
67
55
550679
558770
561671
561674
550749
557118
561623
561635
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

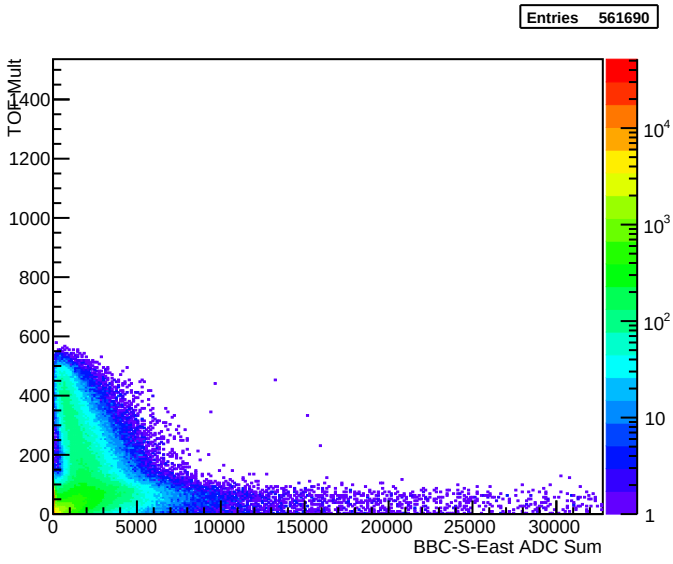

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

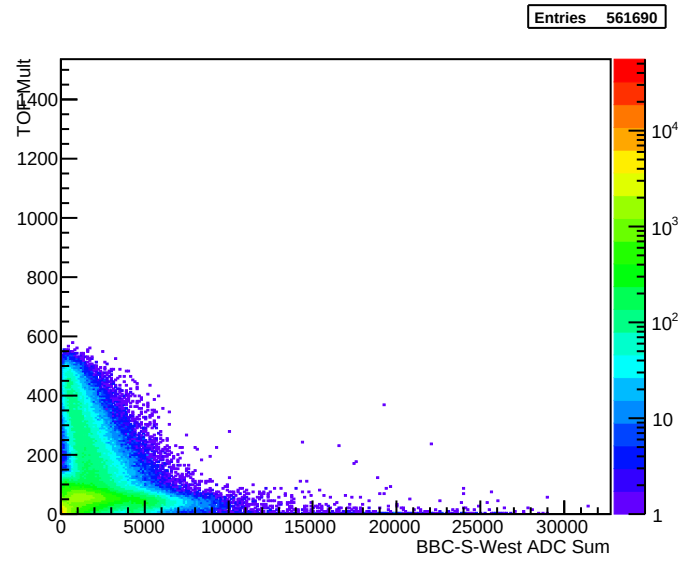

VT201 Input Ch4: VPD Tac Diff
Entries 561690
Tac

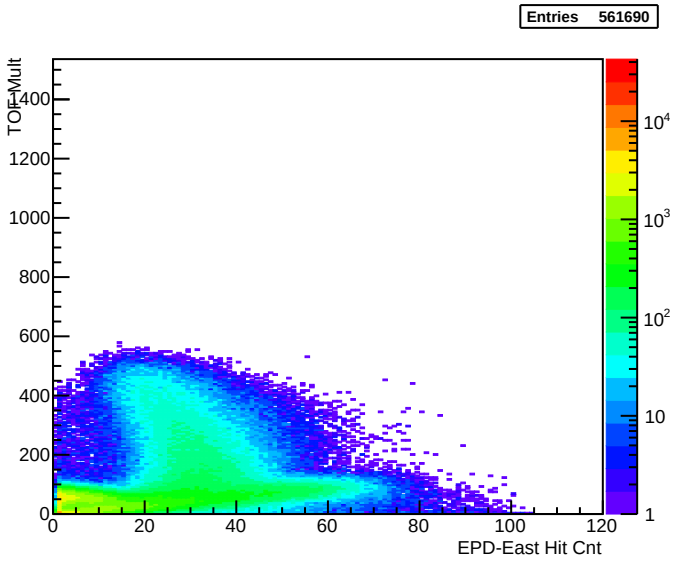

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

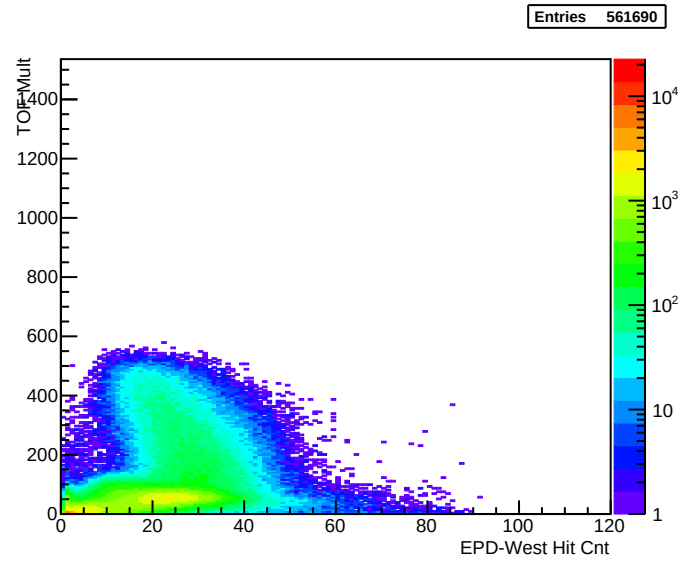

VT201 Input Ch4: VPD Adc Sum Th
Entries 1123380
306430
441450
255260
120240
East
West

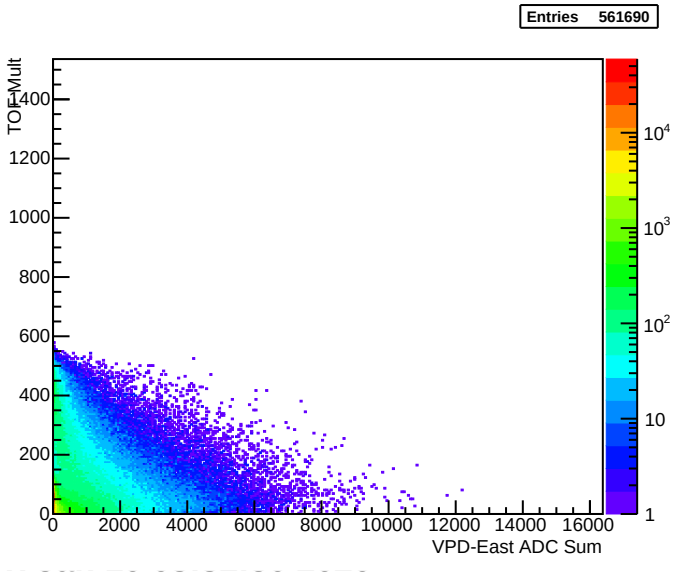

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

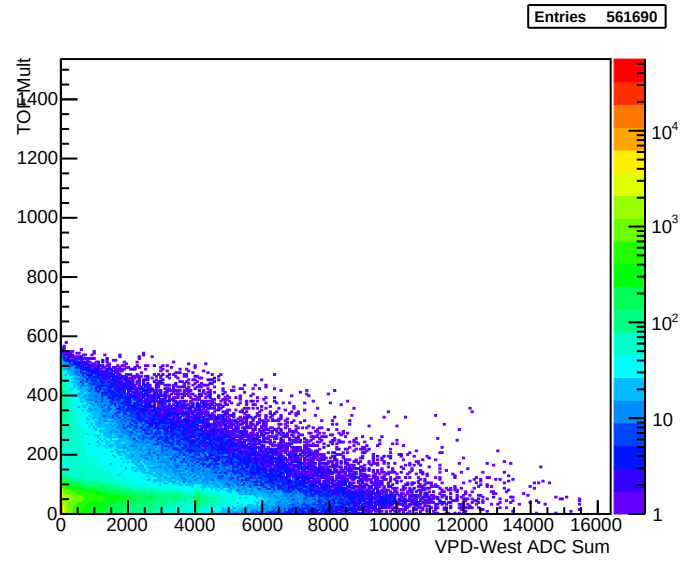

Entries 561690
TOF-Mult
BBC-S-East ADC Sum

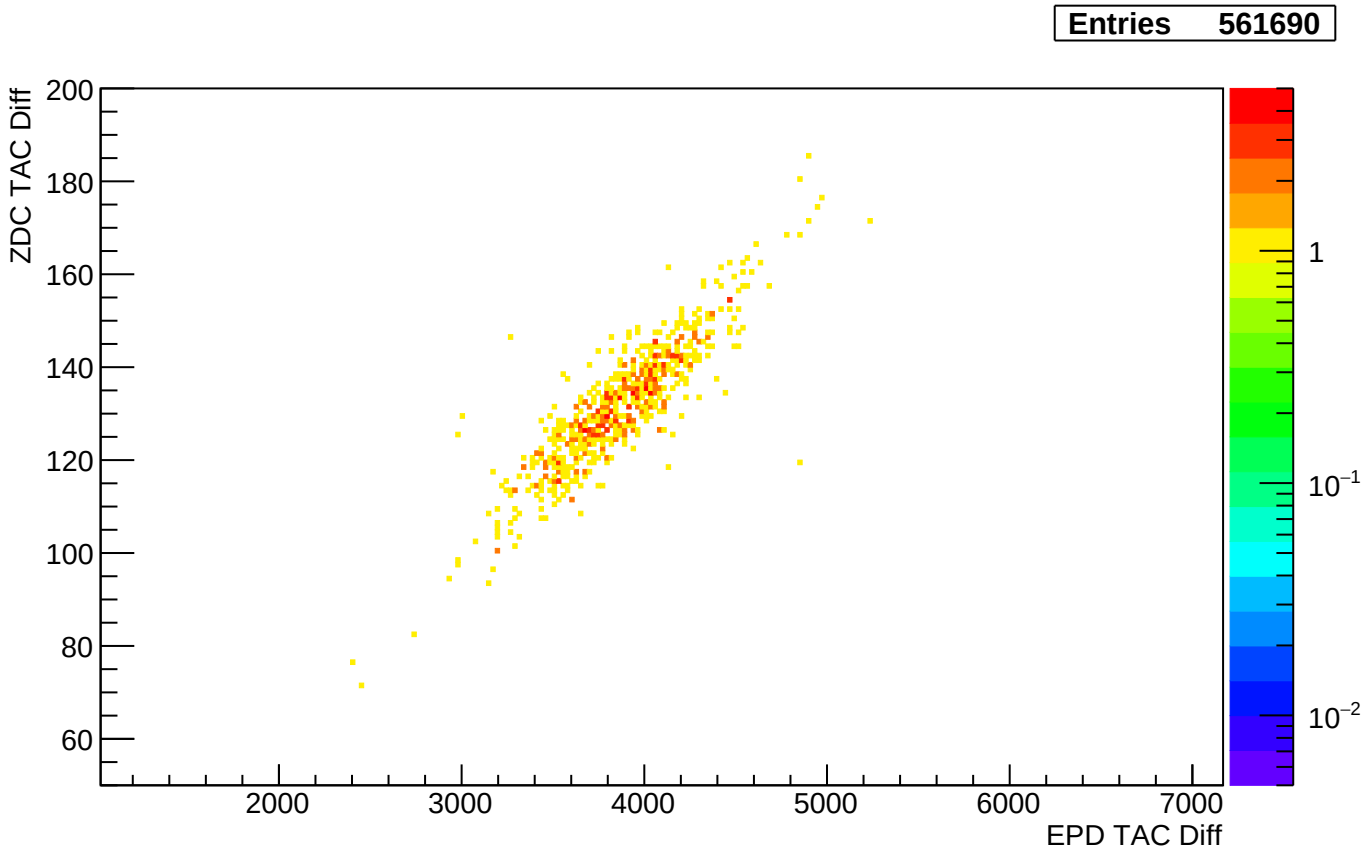

Entries 561690
TOF-Mult
BBC-S-West ADC Sum

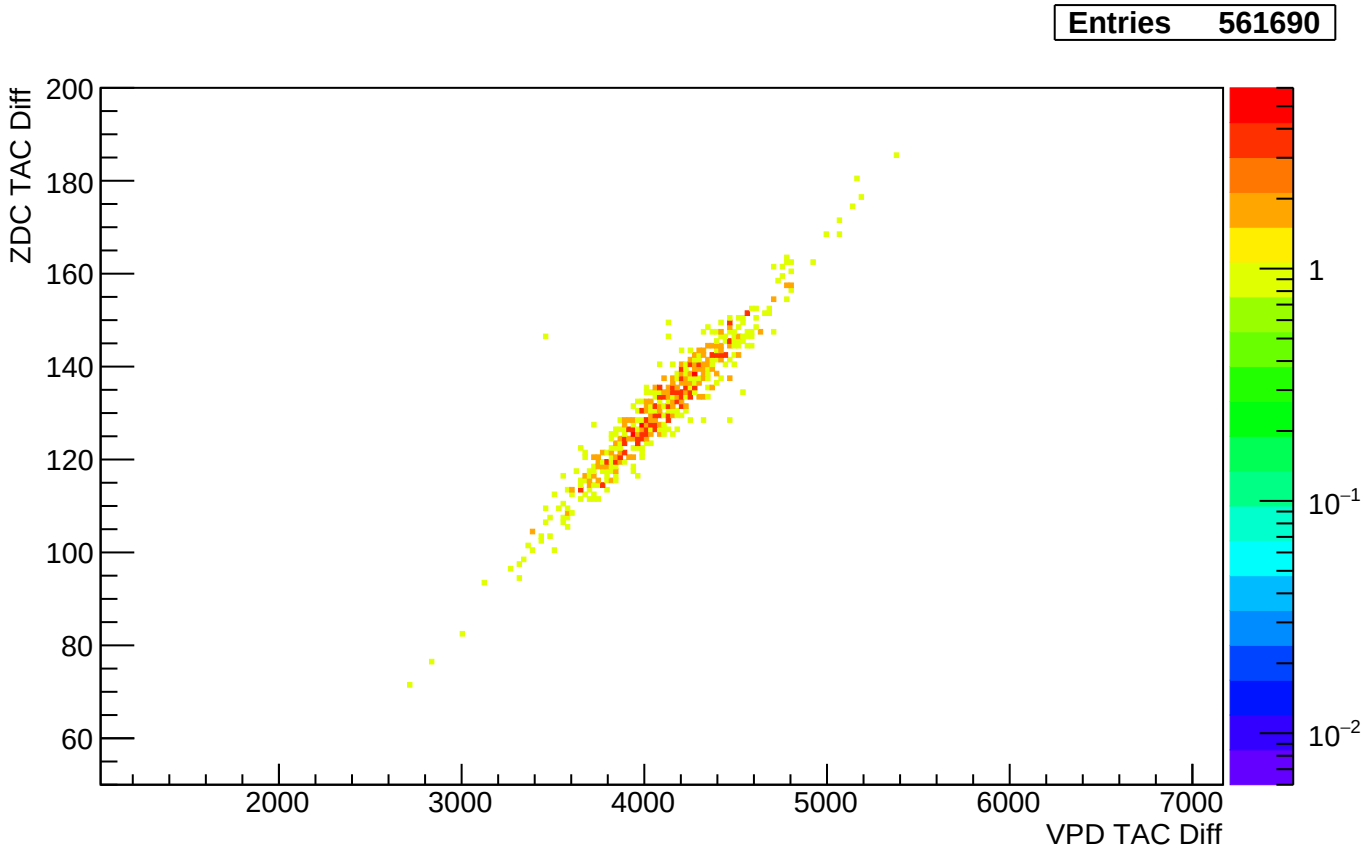

Entries 561690
TOF-Mult
EPD-East Hit Cnt

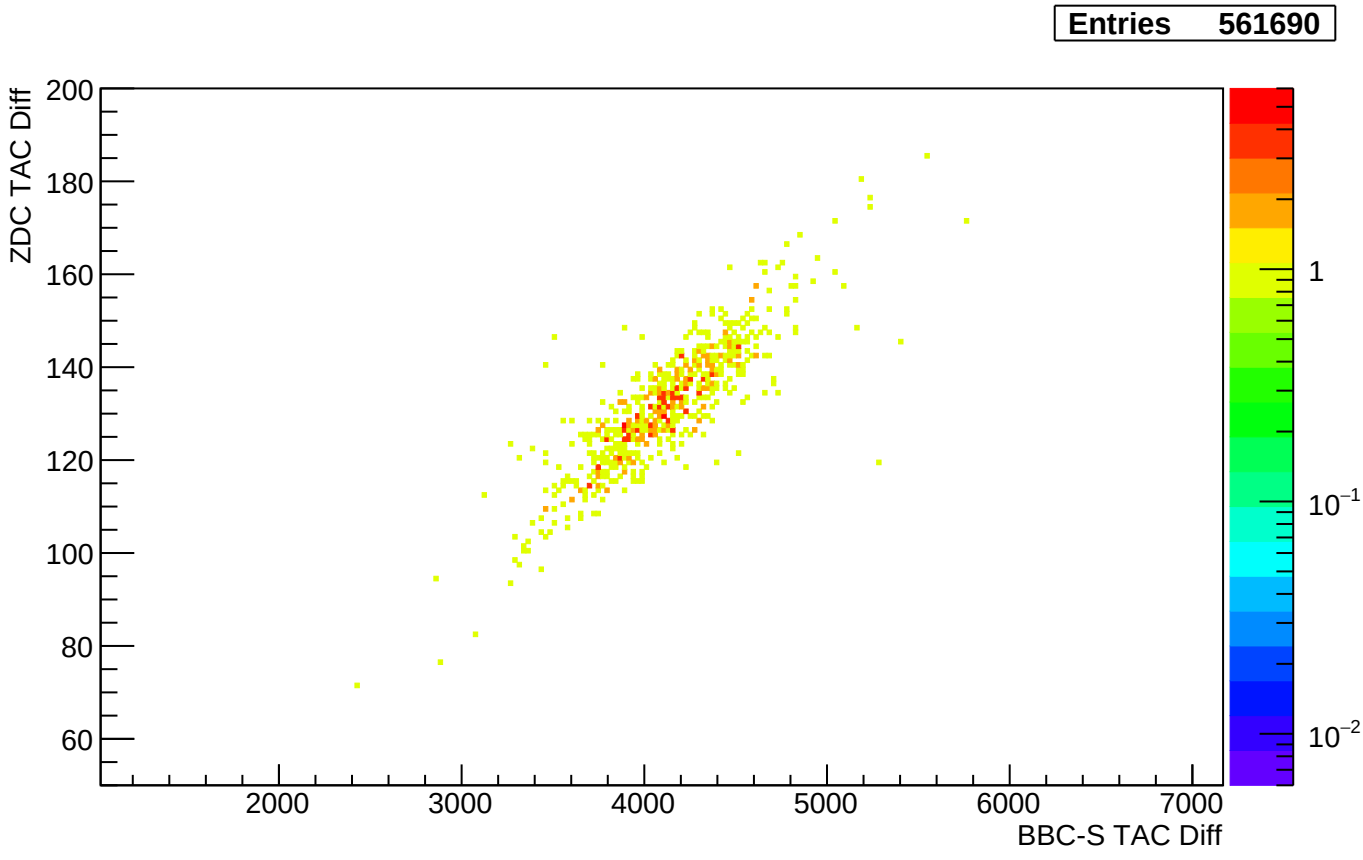

Entries 561690
TOF-Mult
EPD-West Hit Cnt

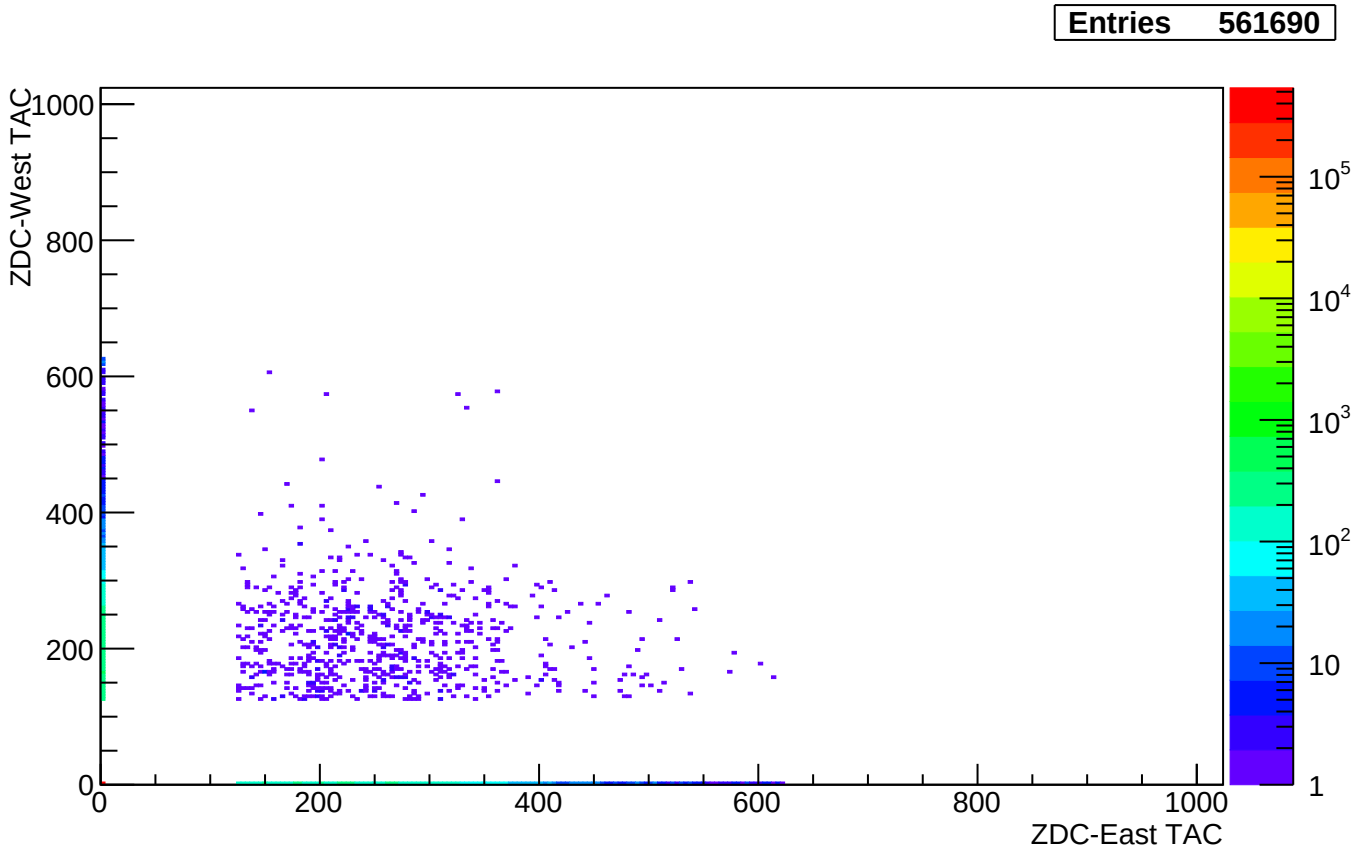

Entries 561690
TOF-Mult
VPD-East ADC Sum

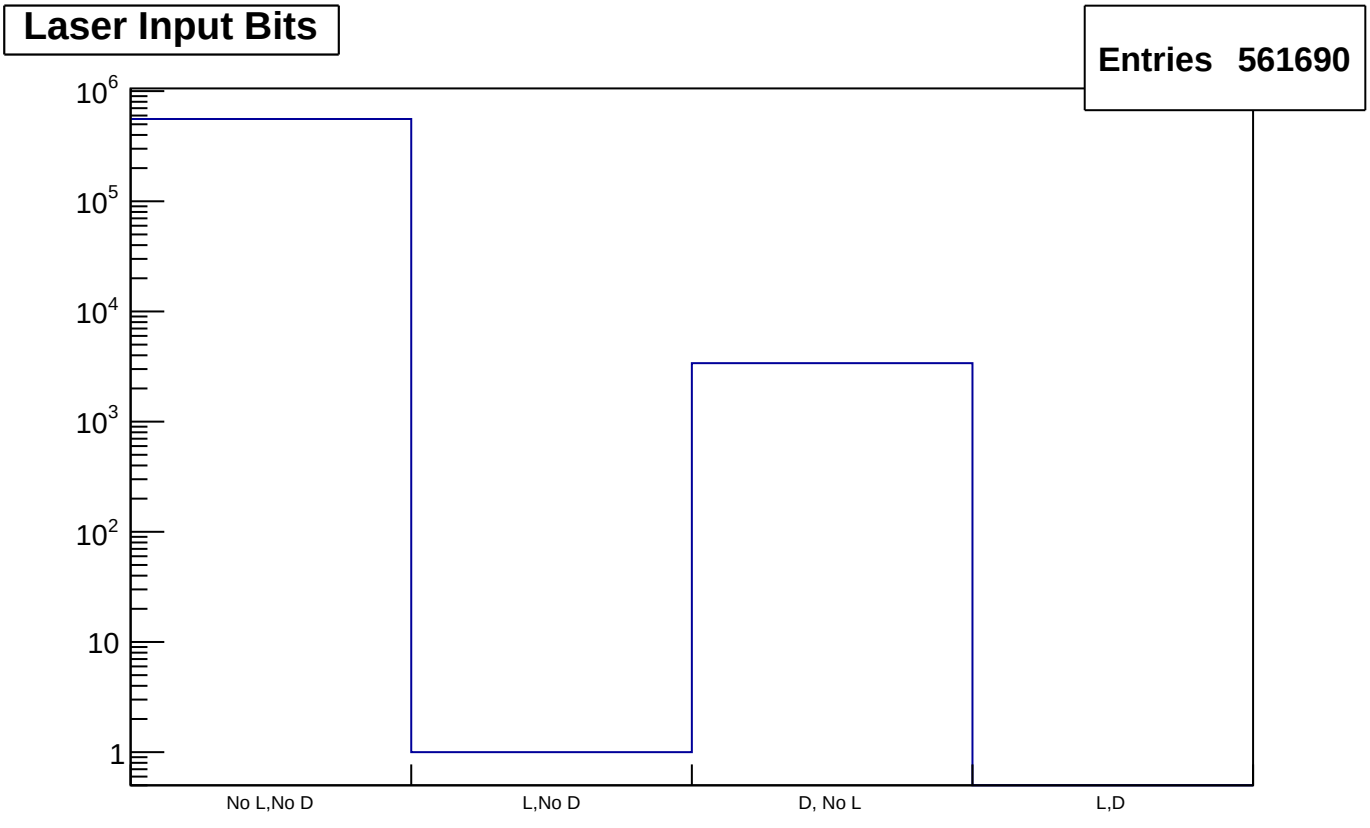

Entries 561690
TOF-Mult
VPD-West ADC Sum

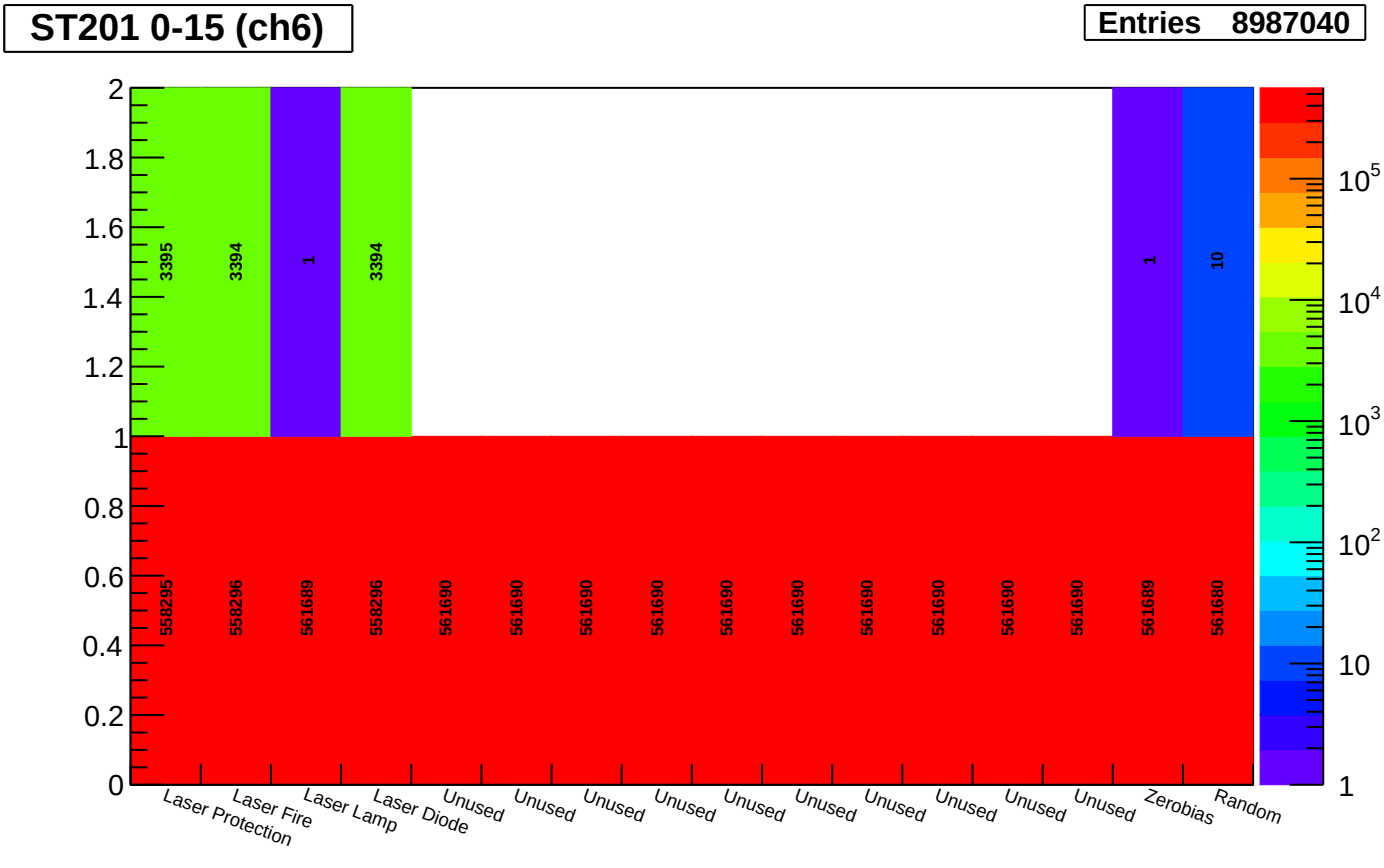

Entries 561690
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

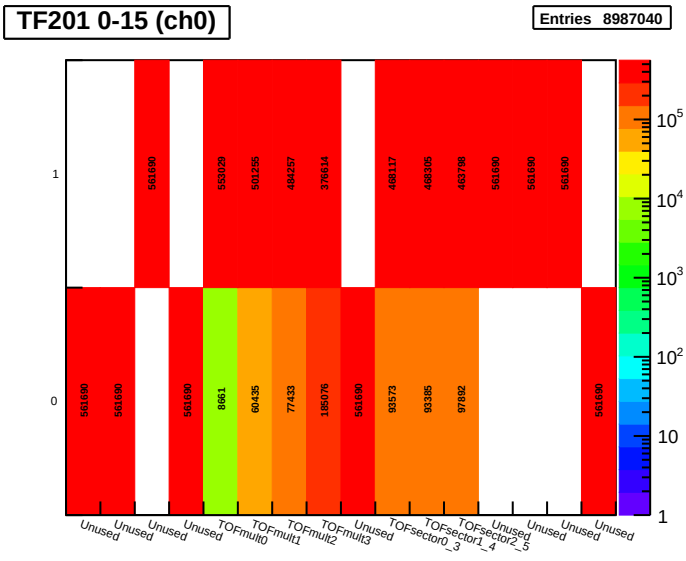

Entries 561690
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

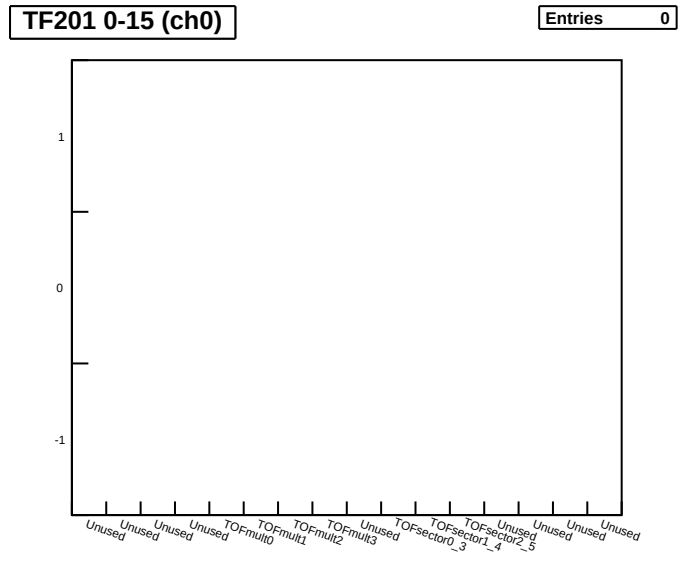

Entries 561690
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

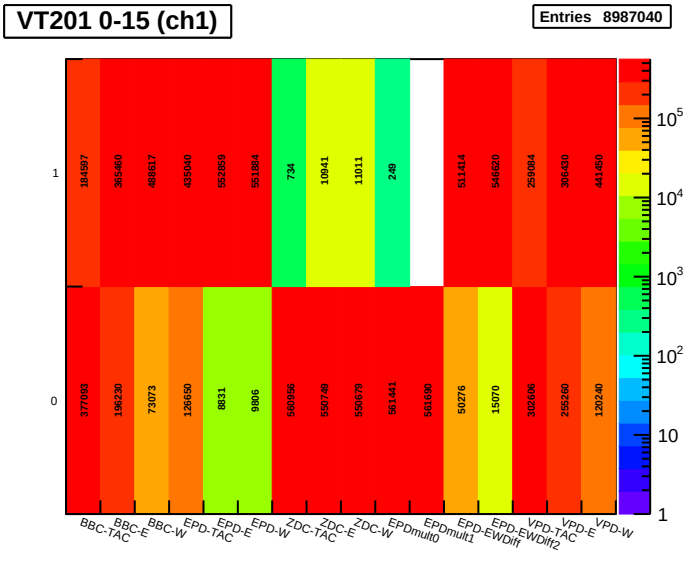

Entries 561690
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

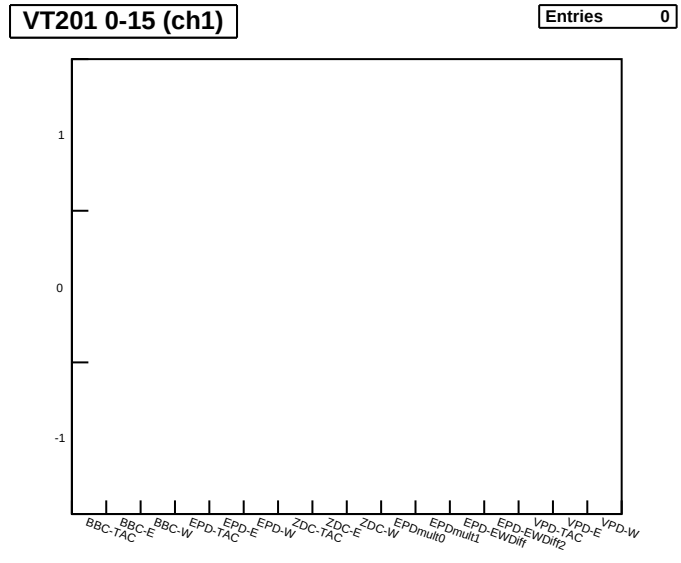

Laser Input Bits
Entries 561690
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

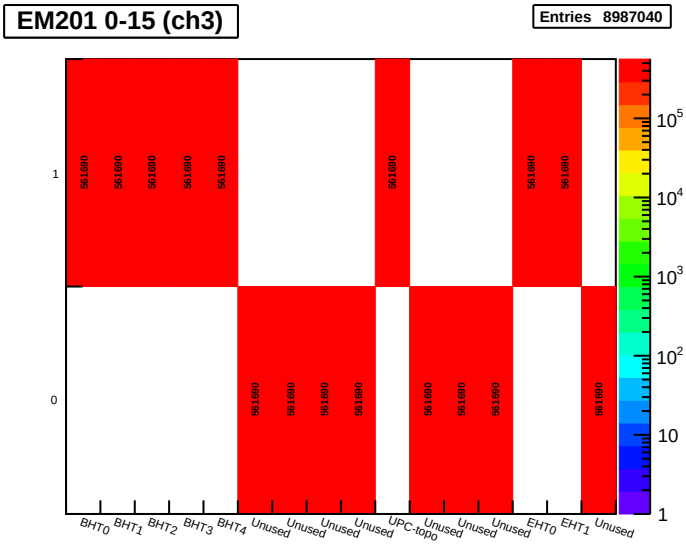

ST201 0-15 (ch6)
Entries 8987040
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3395
3394
1
3394
1
10
558295
558296
561689
558296
561690
561690
561690
561690
561690
561690
561690
561690
561690
561690
561689
561680
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

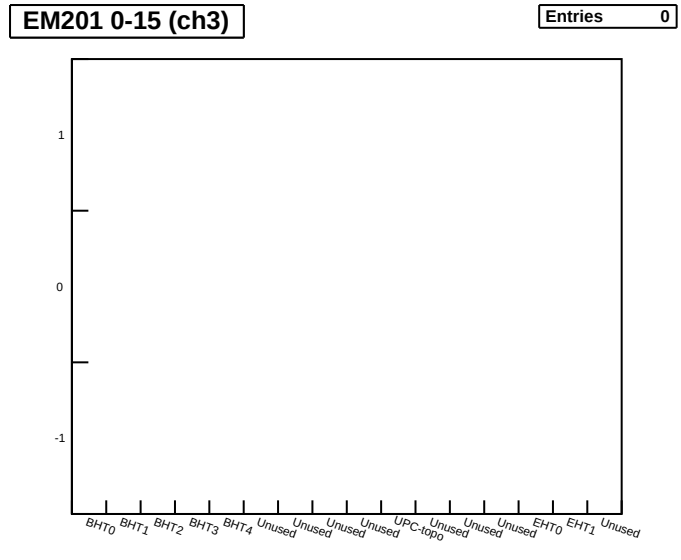

TF201 0-15 (ch0)
Entries 8987040
1
0
561690
553029
501255
484257
376614
468117
468305
463798
561690
561690
561690
561690
561690
561690
8661
60435
77433
185076
561690
93573
93385
97892
561690
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 8987040
1
0
184997
365460
428617
435040
552859
551884
734
10941
11011
249
511414
546620
259084
306430
441460
377093
196230
73073
126650
8831
9806
560956
550749
550679
561441
561690
50276
15070
302606
255260
120240
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 8987040
1
0
561690
561690
561690
561690
561690
561690
561690
561690
561690
561690
561690
561690
561690
561690
561690
561690
561690
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