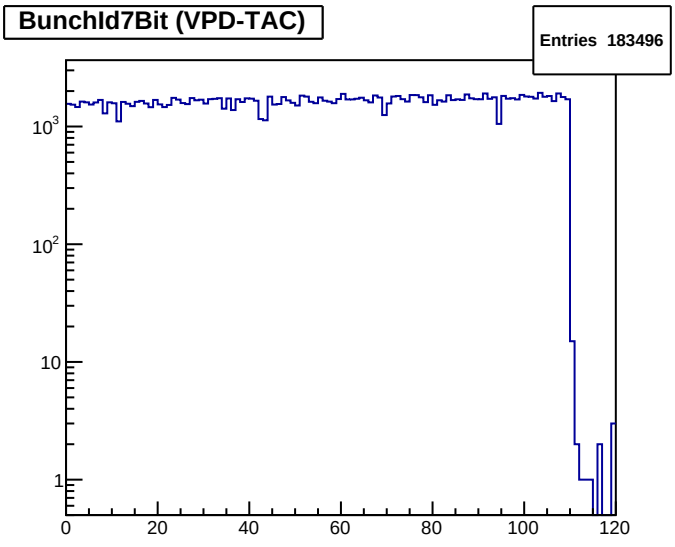
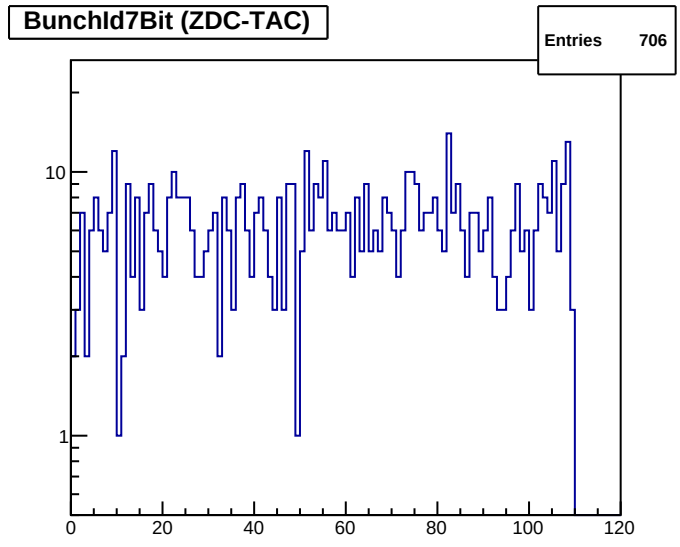
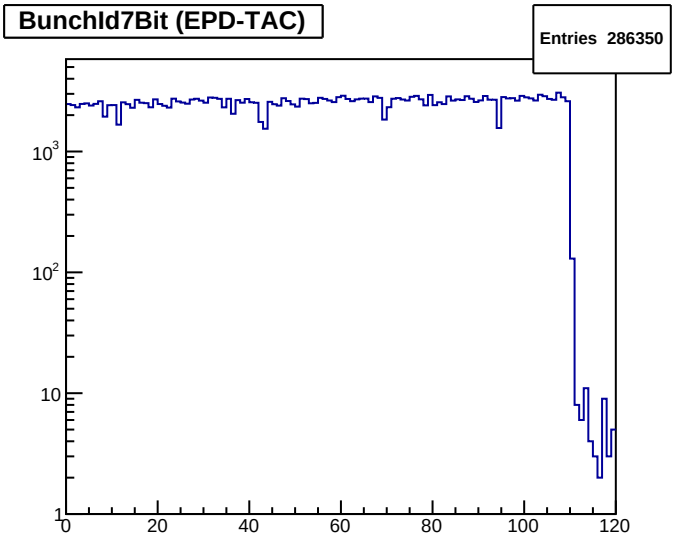
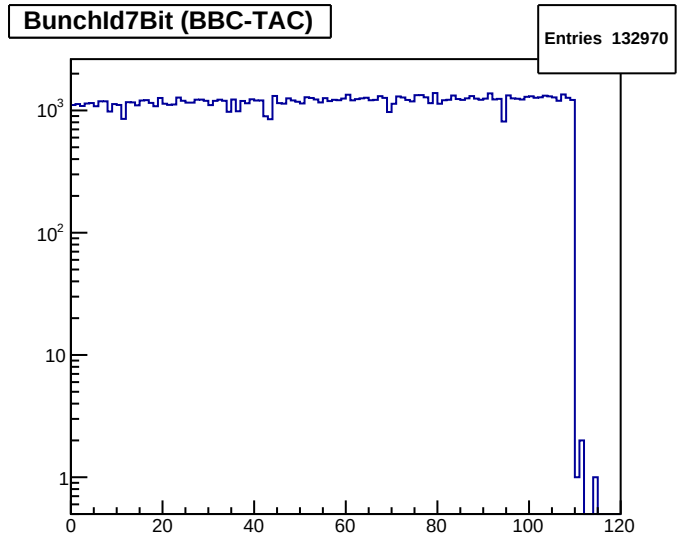
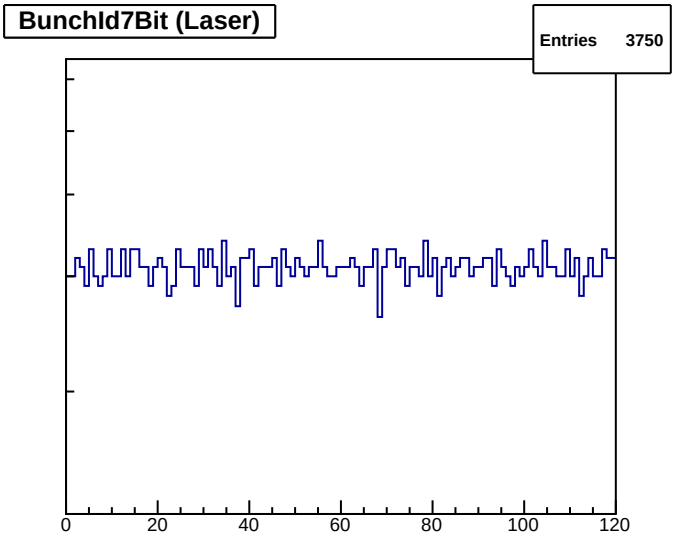
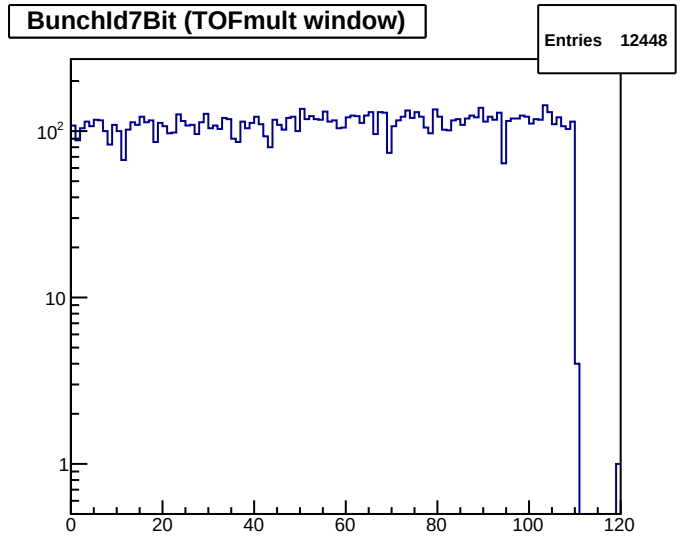

BunchId7Bit (VPD-TAC)
Entries 183496

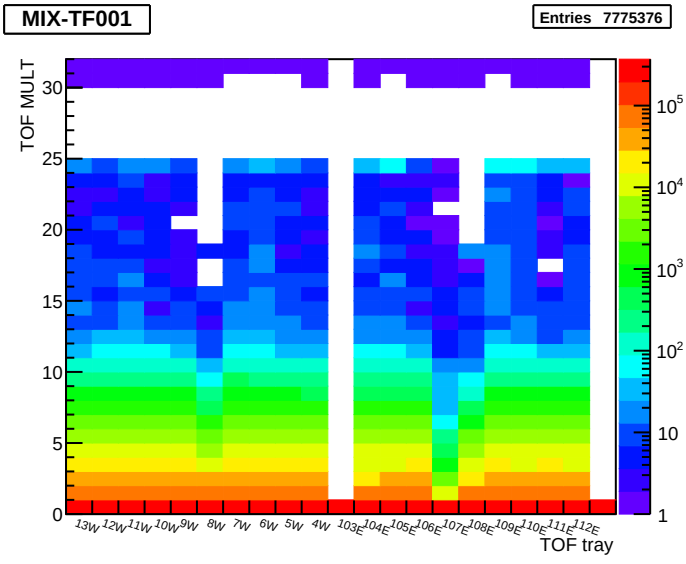

BunchId7Bit (ZDC-TAC)
Entries 706

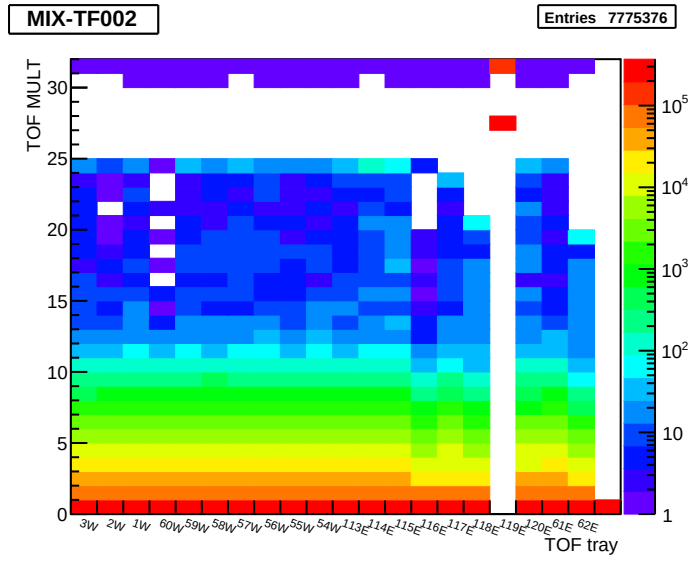

BunchId7Bit (EPD-TAC)
Entries 286350

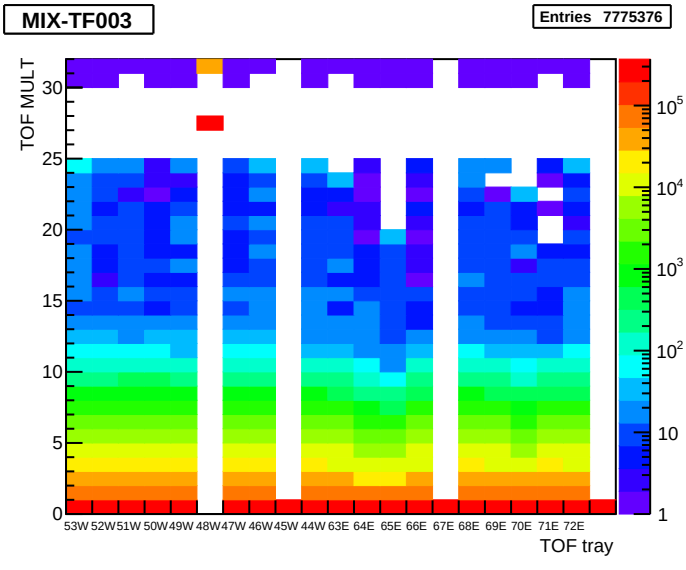

BunchId7Bit (BBC-TAC)
Entries 132970

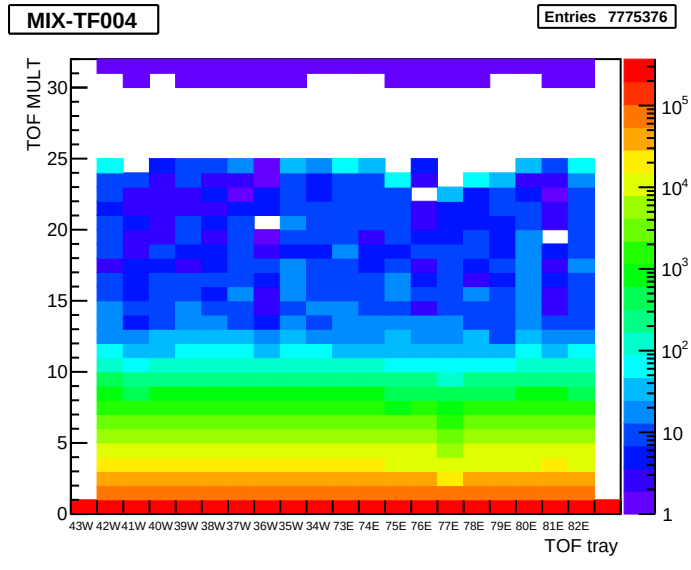

BunchId7Bit (Laser)
Entries 3750

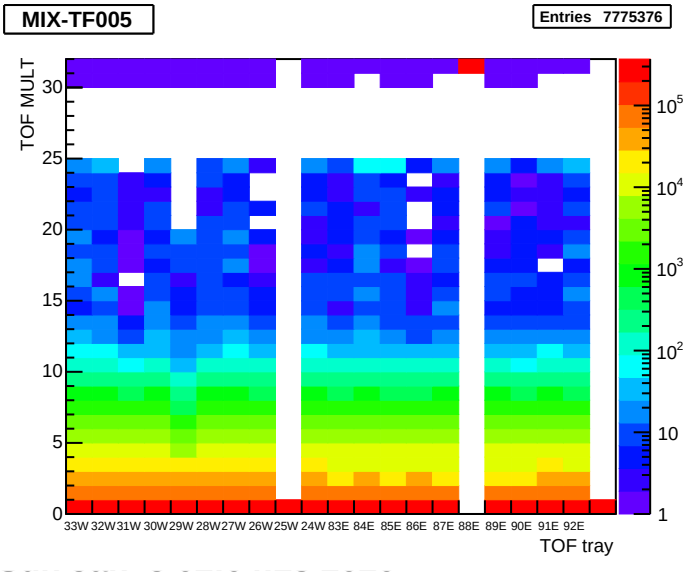

BunchId7Bit (TOFmult window)
Entries 12448

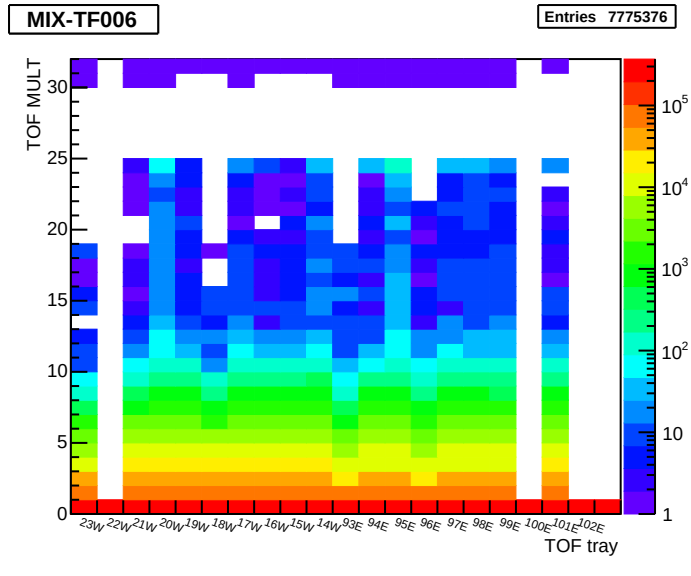

MIX-TF001
Entries 7775376
TOF MULT
TOF tray

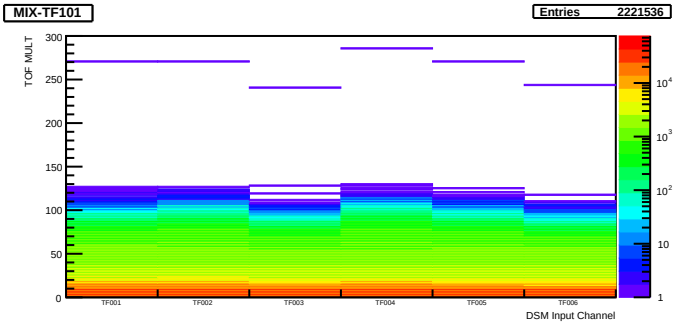

MIX-TF002
Entries 7775376
TOF MULT
TOF tray

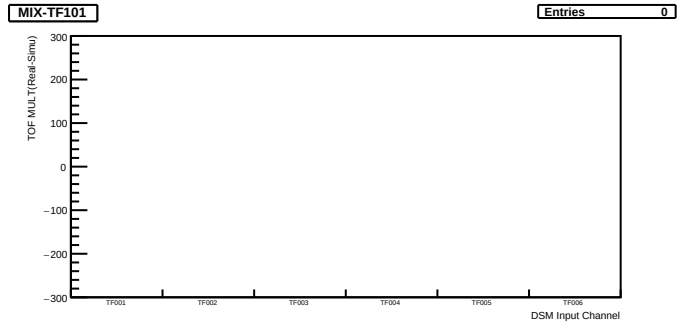

MIX-TF003
Entries 7775376
TOF MULT
TOF tray

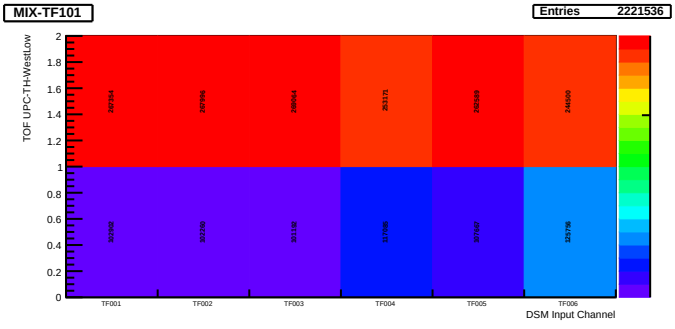

MIX-TF004
Entries 7775376
TOF MULT
TOF tray

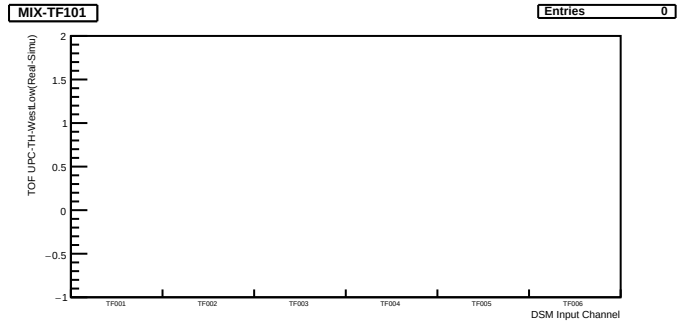

MIX-TF005
Entries 7775376
TOF MULT
TOF tray

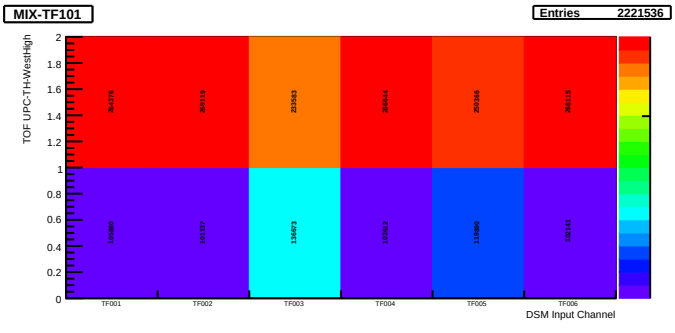

MIX-TF006
Entries 7775376
TOF MULT
TOF tray

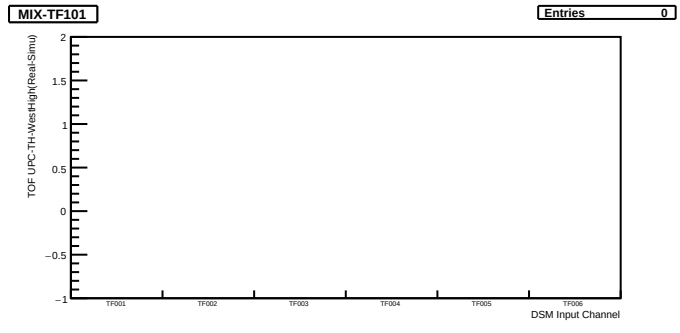

MIX-TF101
Entries 2221536
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

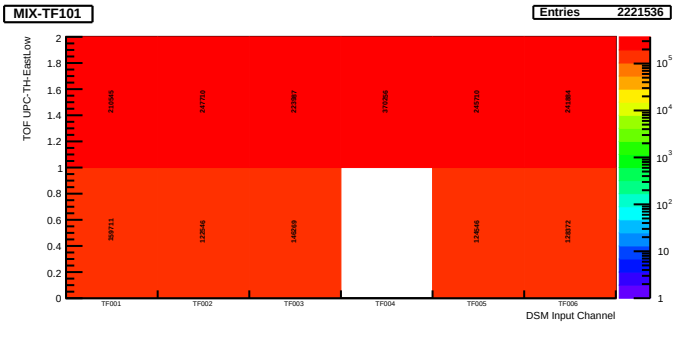

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

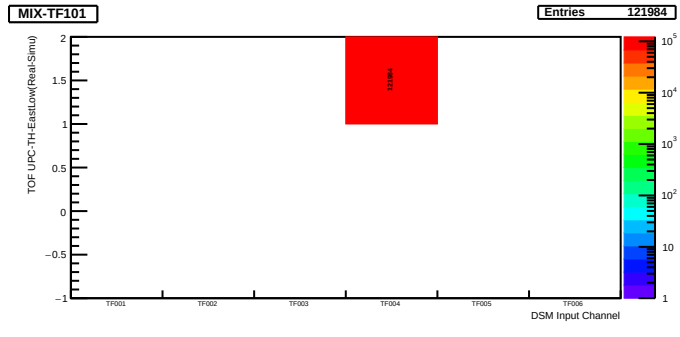

MIX-TF101
Entries 2221536
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

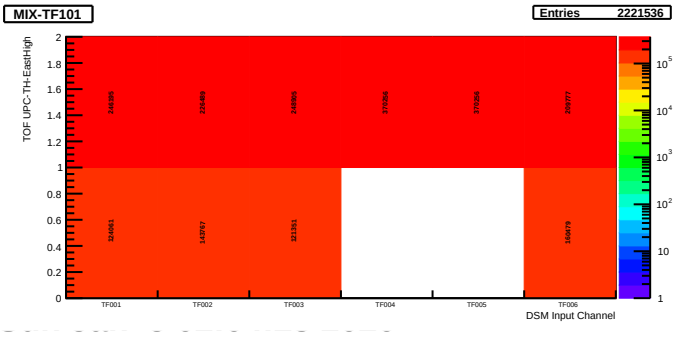

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

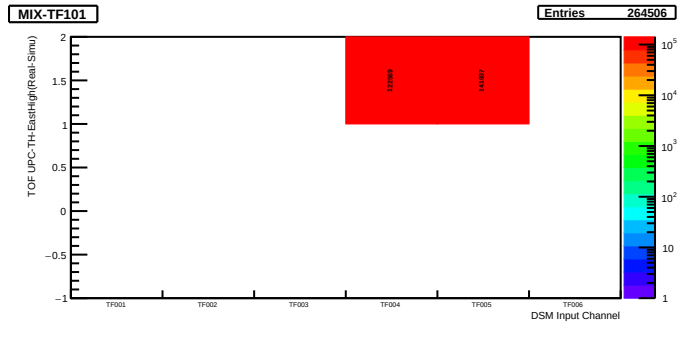

MIX-TF101
Entries 2221536
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

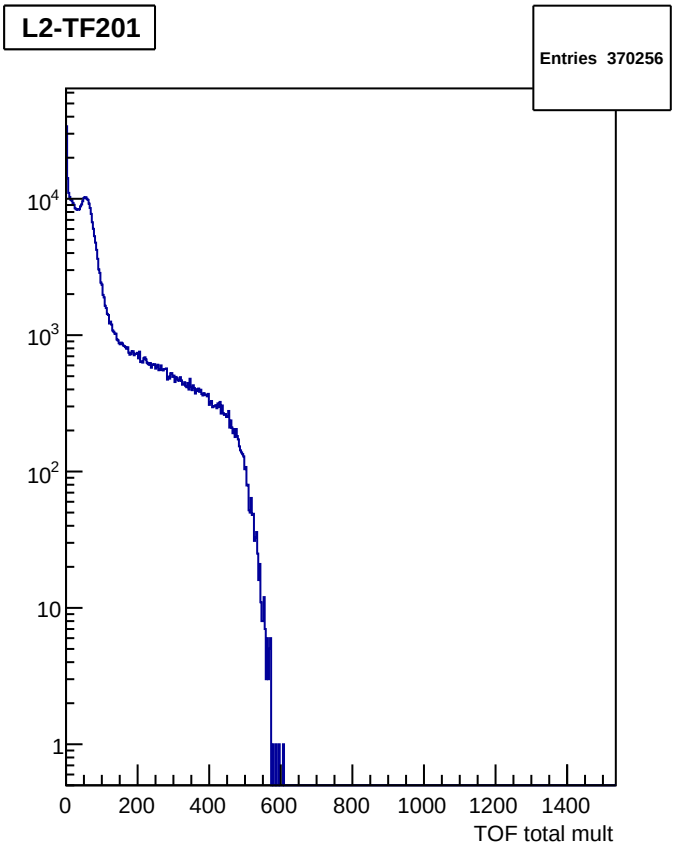

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

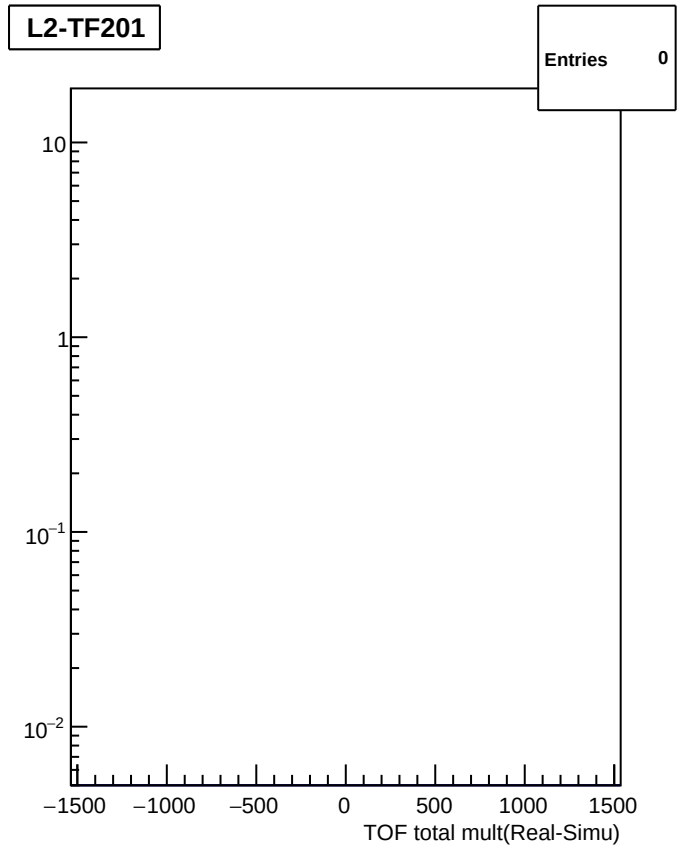

MIX-TF101
Entries 2221536
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

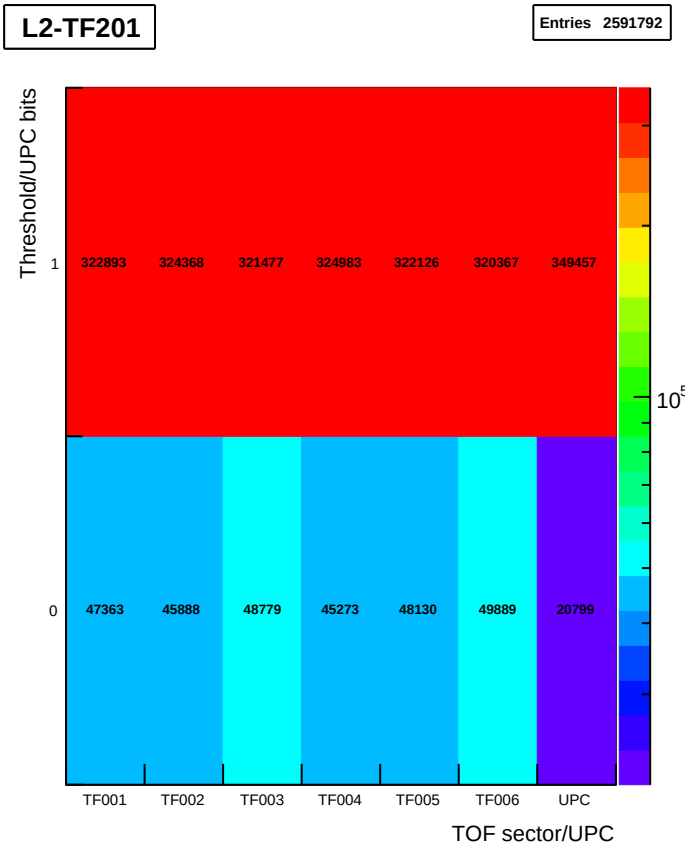

MIX-TF101
Entries 121984
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

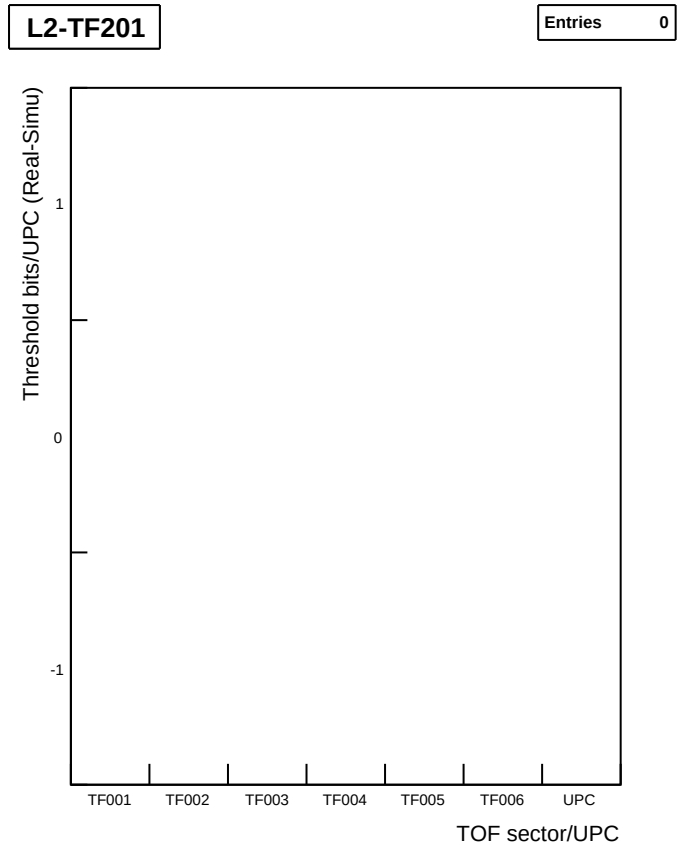

MIX-TF101
Entries 2221536
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

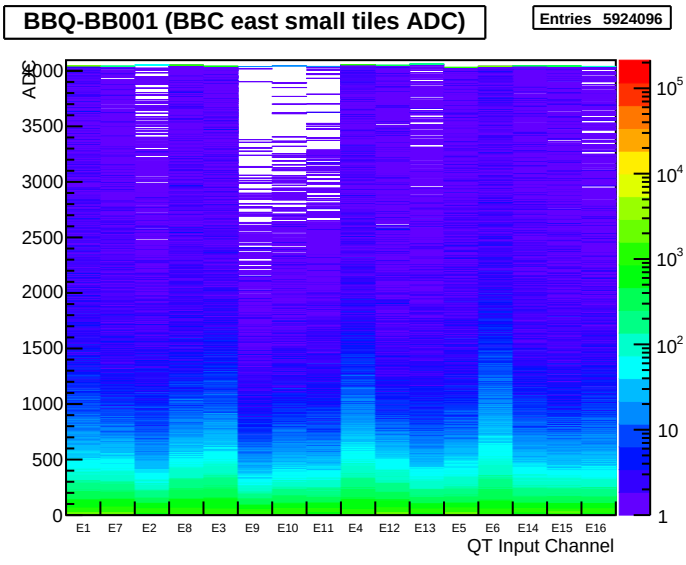

MIX-TF101
Entries 264506
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

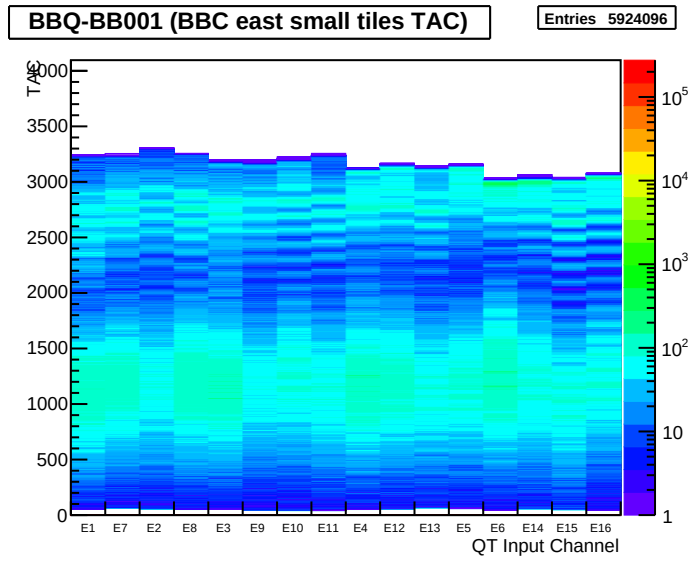

L2-TF201
Entries 370256
TOF total mult

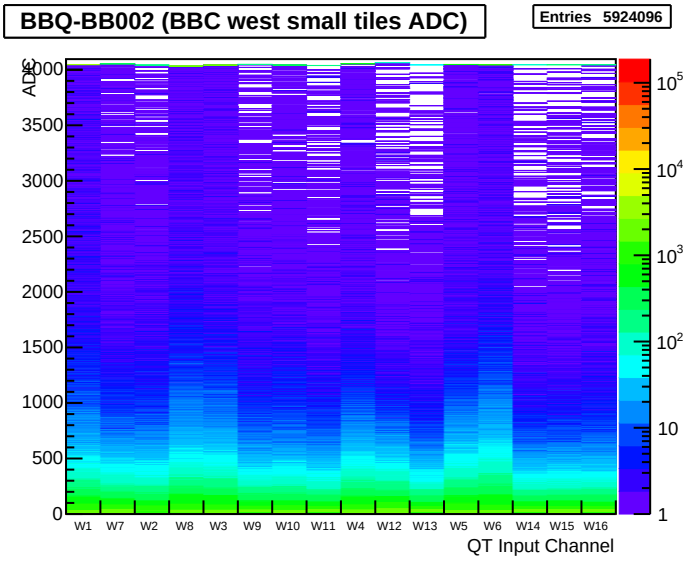

L2-TF201
Entries 0
TOF total mult(Real-Simu)

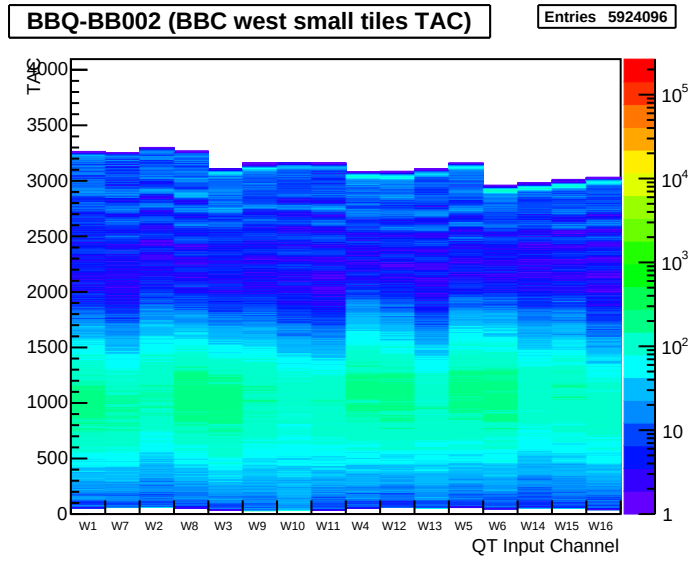

L2-TF201
Entries 2591792
Threshold/UPC bits
322893
324368
321477
324983
322126
320367
349457
47363
45888
48779
45273
48130
49889
20799
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

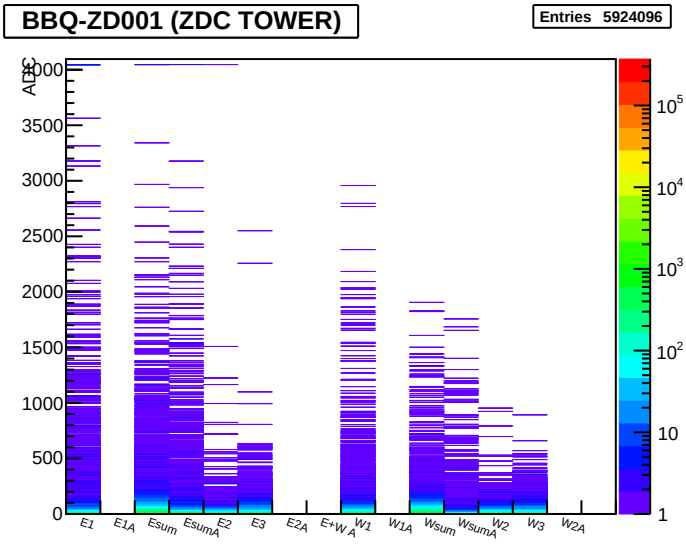

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

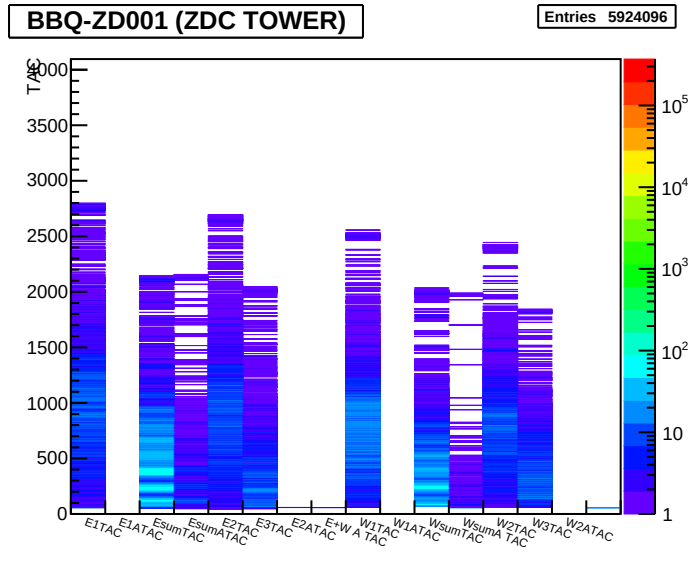

BBQ-BB001 (BBC east small tiles ADC)
Entries 5924096
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

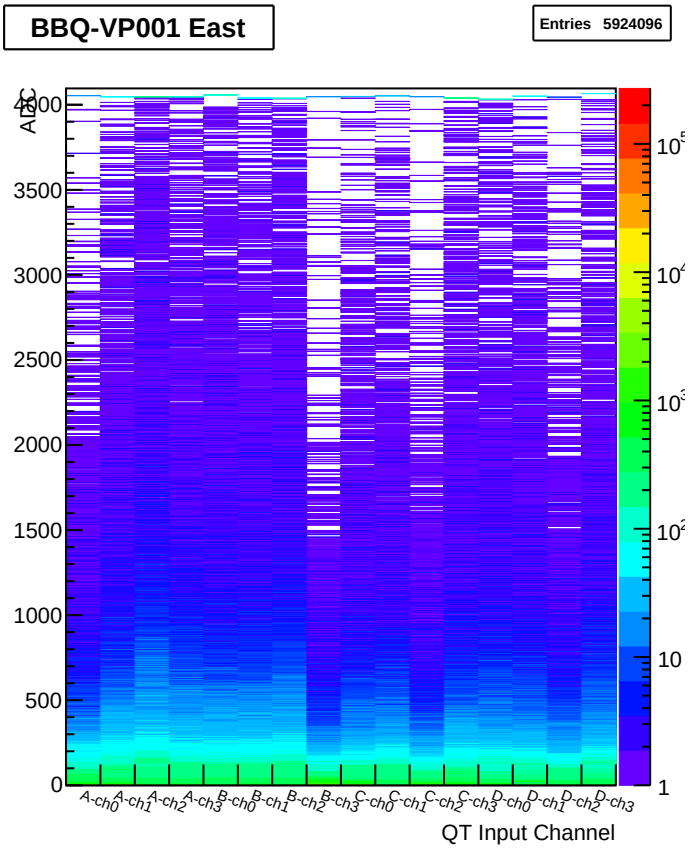

BBQ-BB001 (BBC east small tiles TAC)
Entries 5924096
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

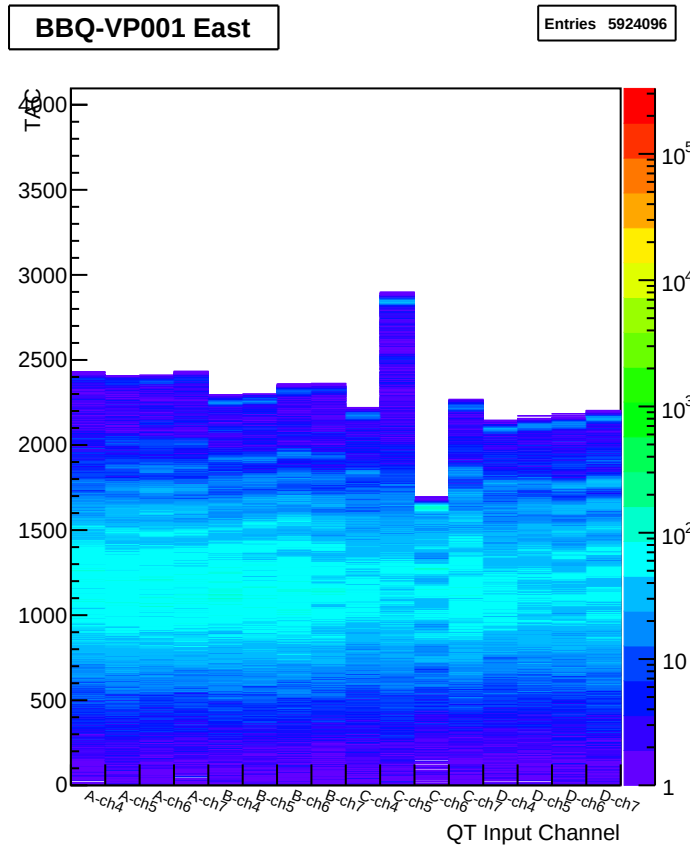

BBQ-BB002 (BBC west small tiles ADC)
Entries 5924096
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

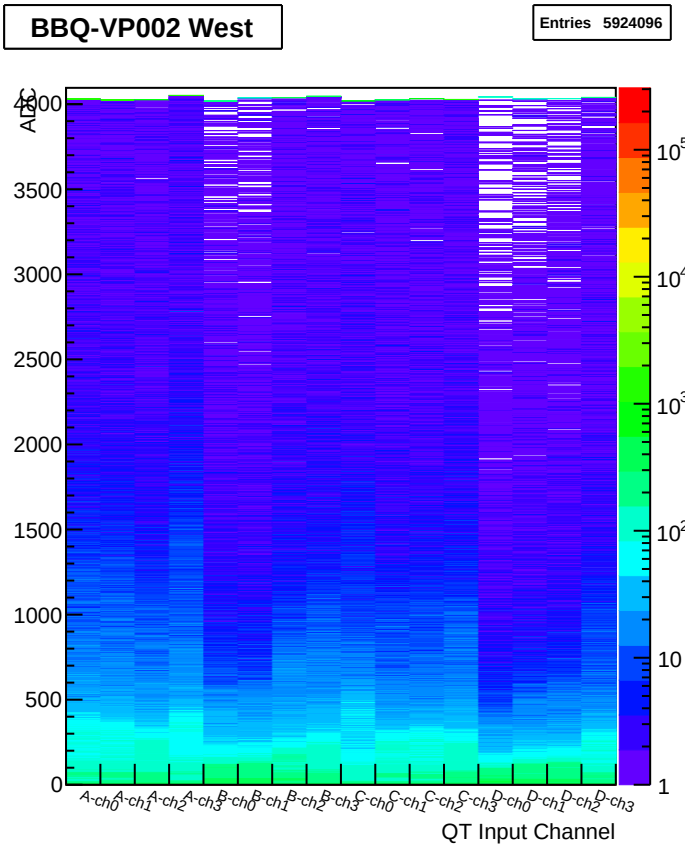

BBQ-BB002 (BBC west small tiles TAC)
Entries 5924096
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

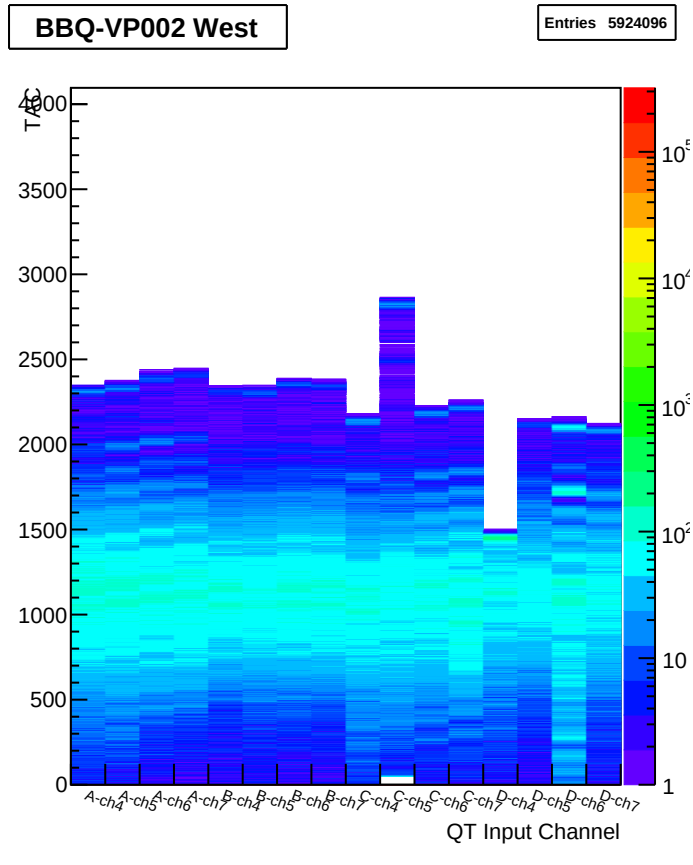

BBQ-ZD001 (ZDC TOWER)
Entries 5924096
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

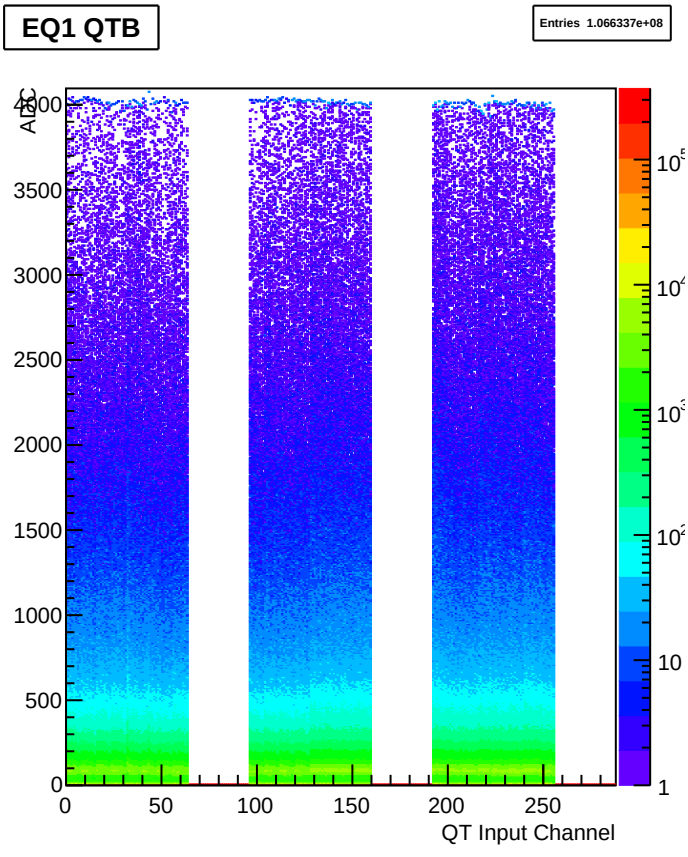

BBQ-ZD001 (ZDC TOWER)
Entries 5924096
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

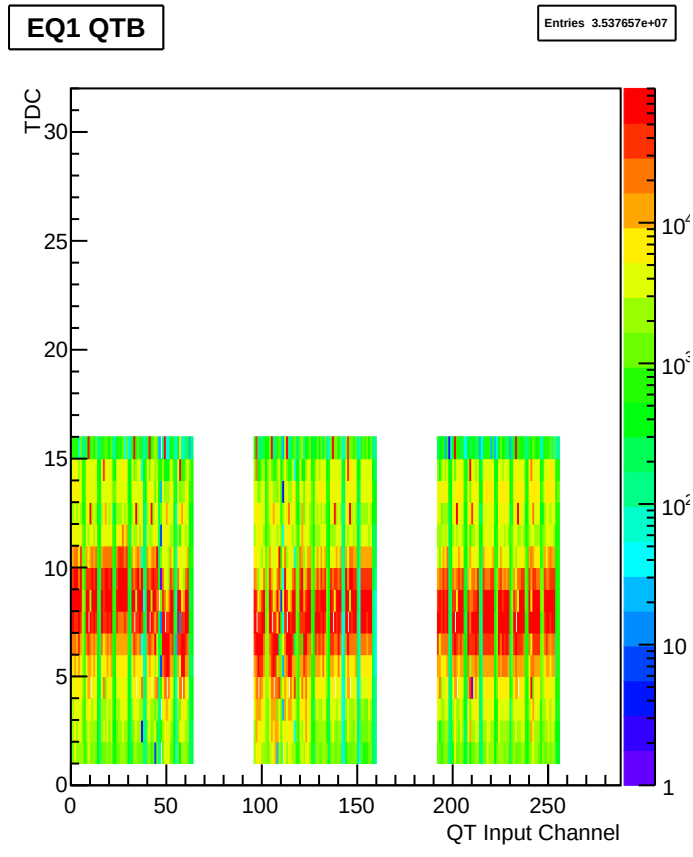

BBQ-VP001 East
Entries 5924096
ADC
QT Input Channel

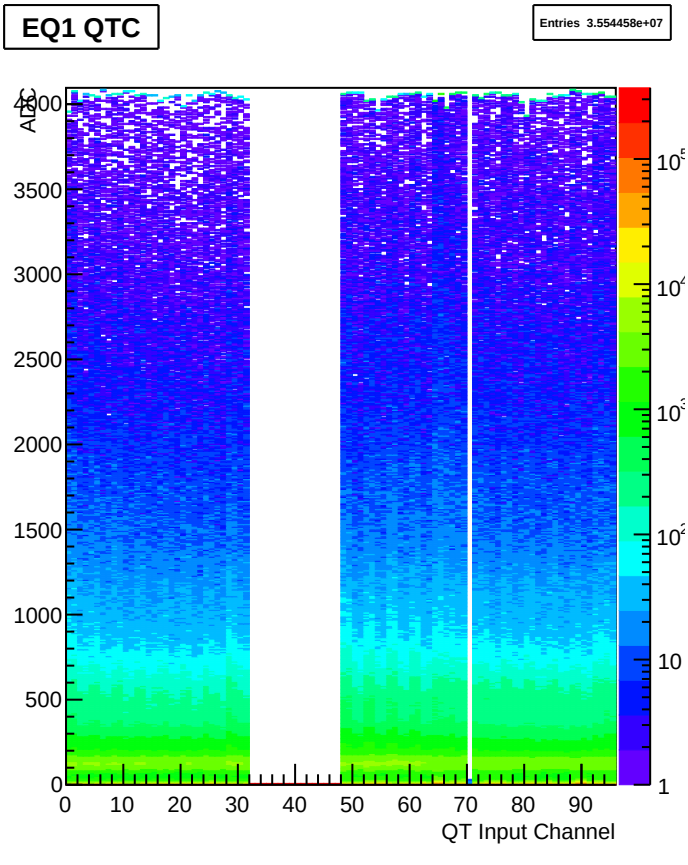

BBQ-VP001 East
Entries 5924096
TAC
QT Input Channel

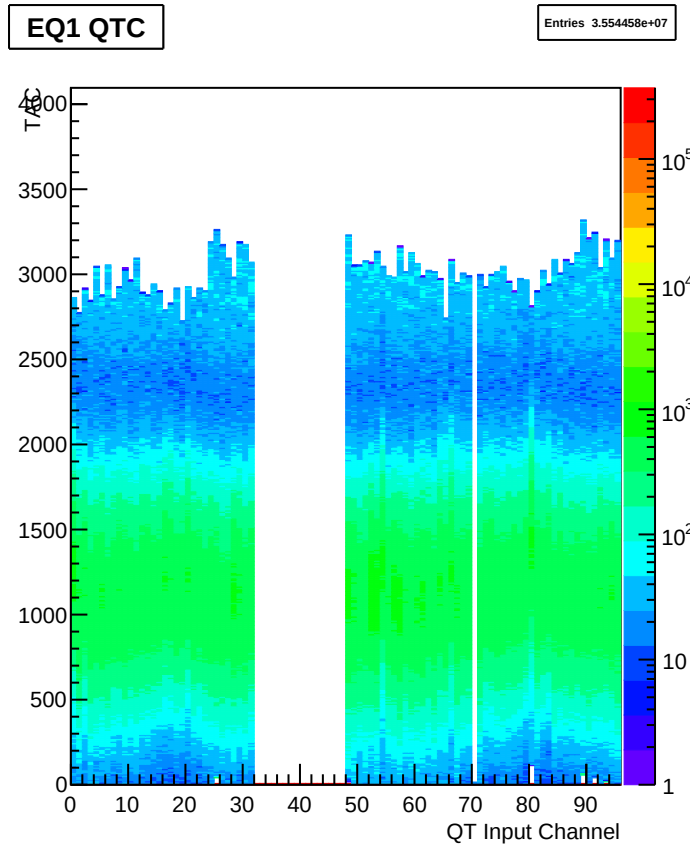

BBQ-VP002 West
Entries 5924096
ADC
QT Input Channel

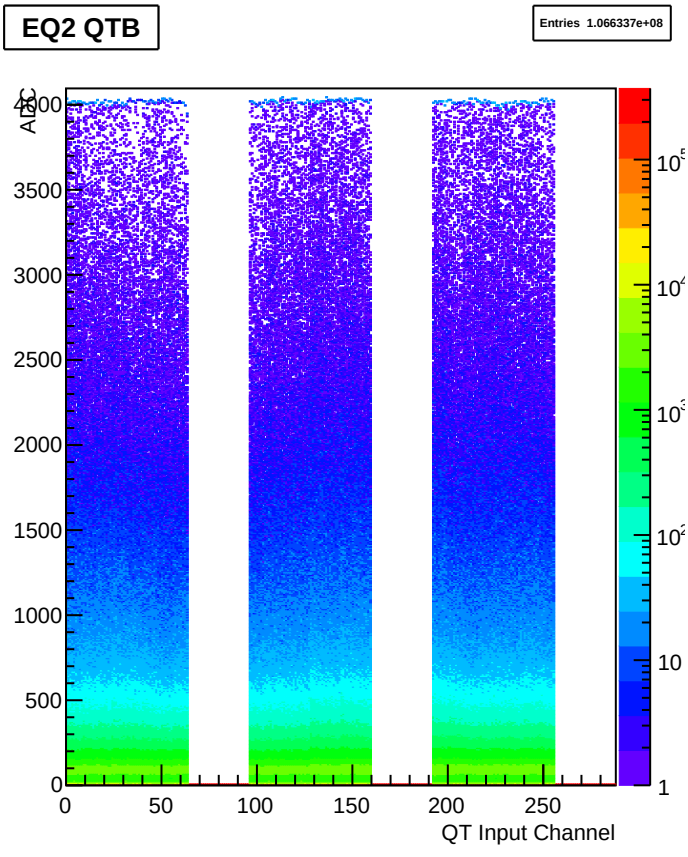

BBQ-VP002 West
Entries 5924096
TAC
QT Input Channel

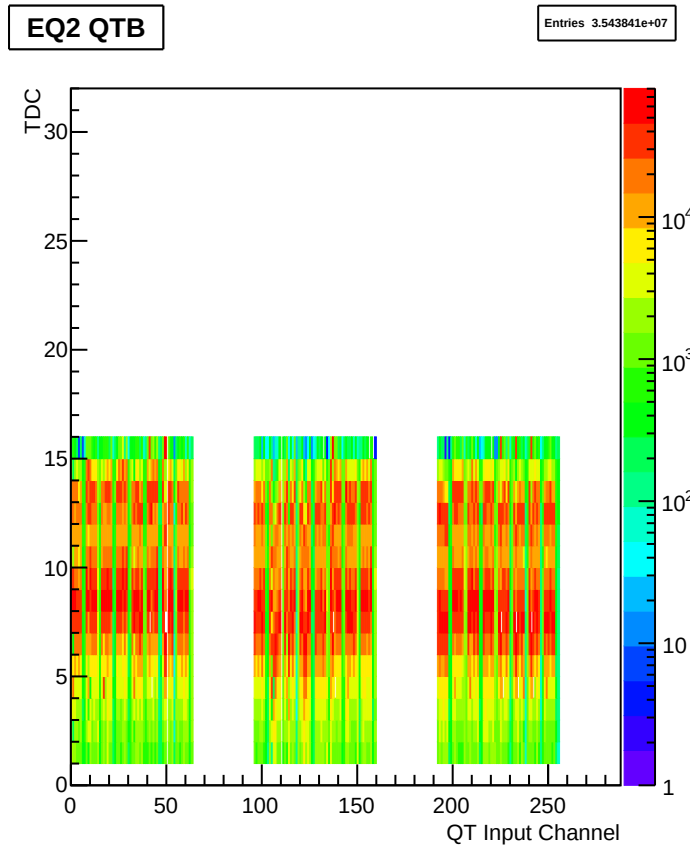

EQ1 QTB
Entries 1.066337e+08
ADC
QT Input Channel

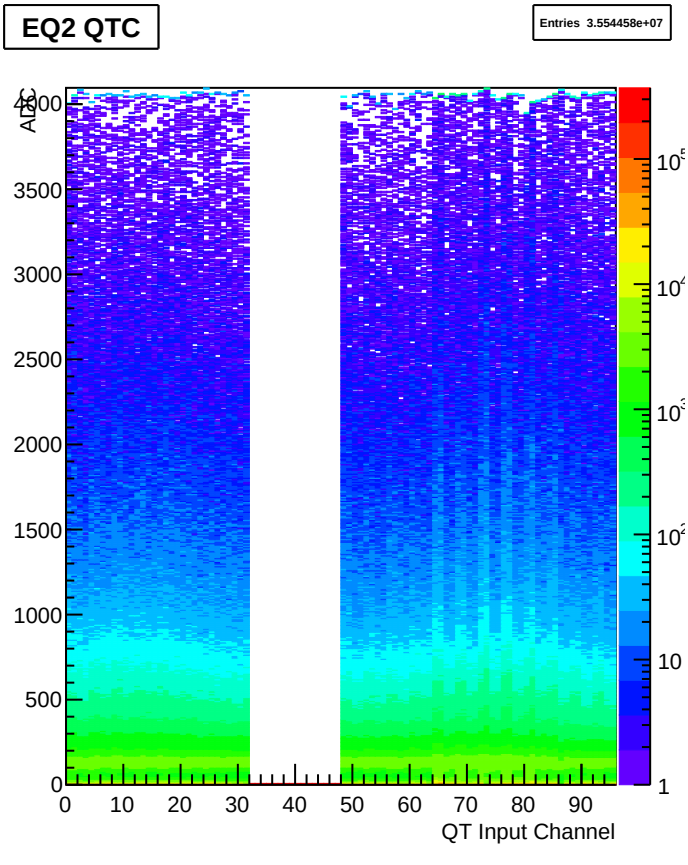

EQ1 QTB
Entries 3.537657e+07
TDC
QT Input Channel

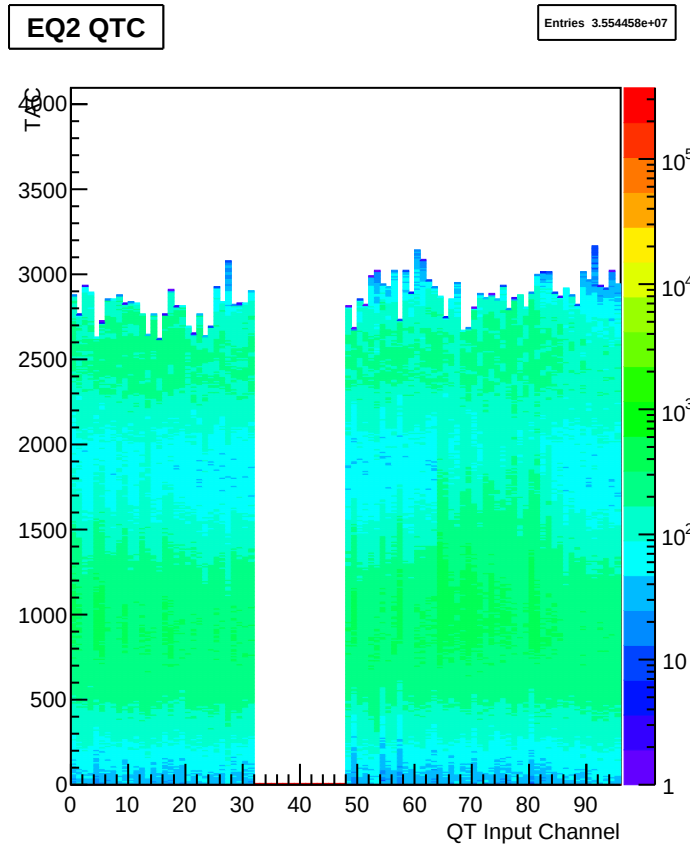

EQ1 QTC
Entries 3.554458e+07
ADC
QT Input Channel

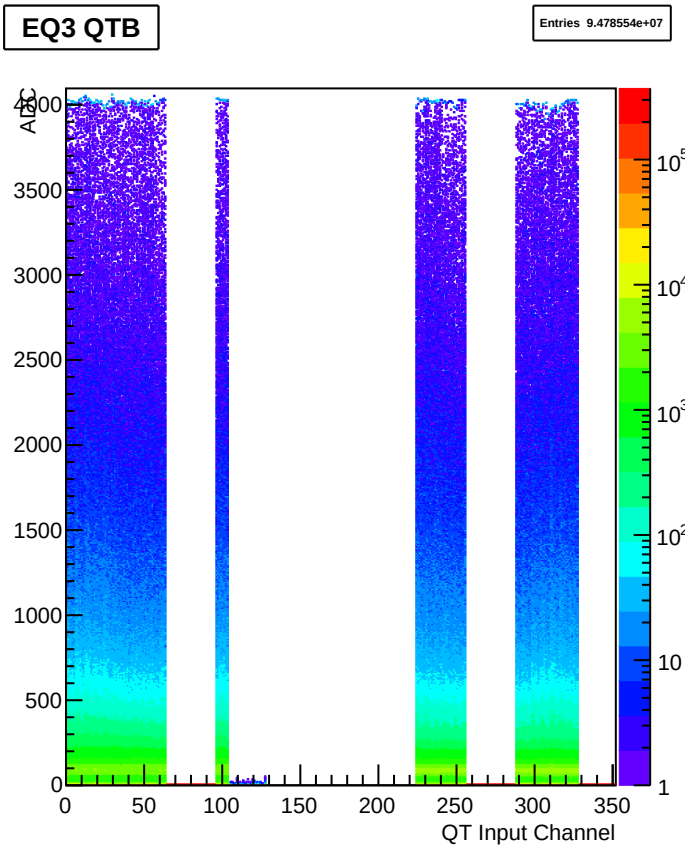

EQ1 QTC
Entries 3.554458e+07
TADC
QT Input Channel

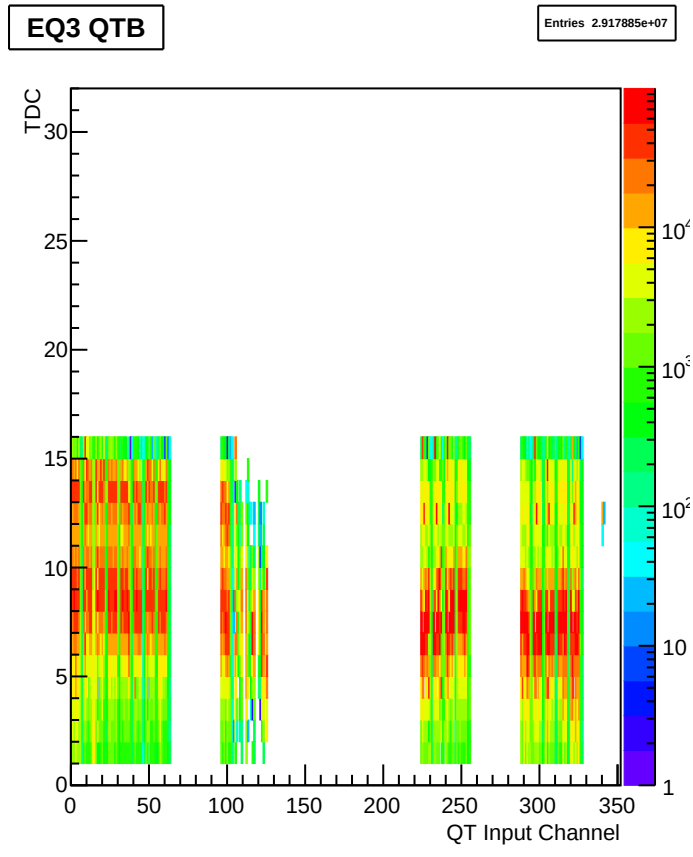

EQ2 QTB
Entries 1.066337e+08
ADC
QT Input Channel

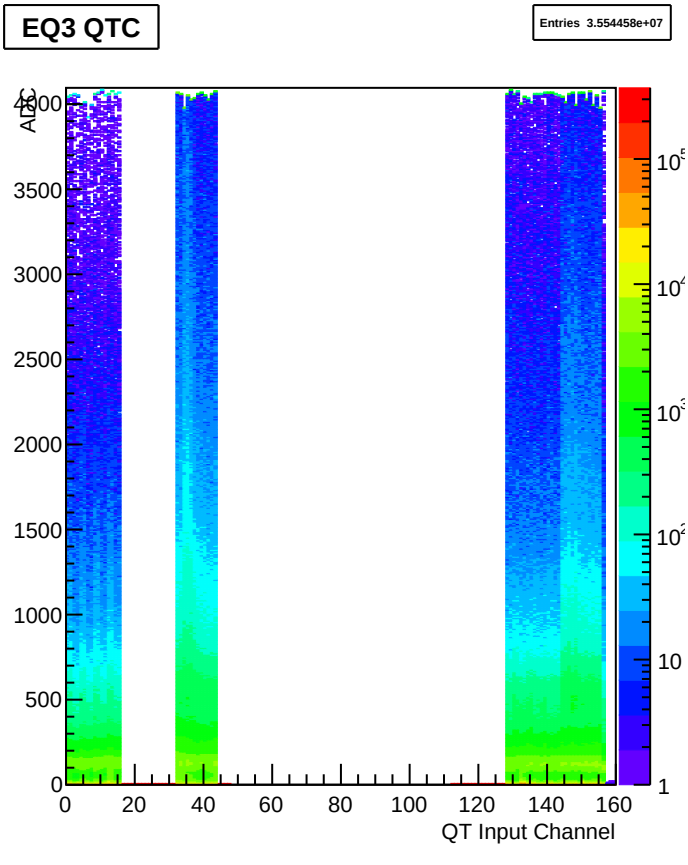

EQ2 QTB
Entries 3.543841e+07
TDC
QT Input Channel

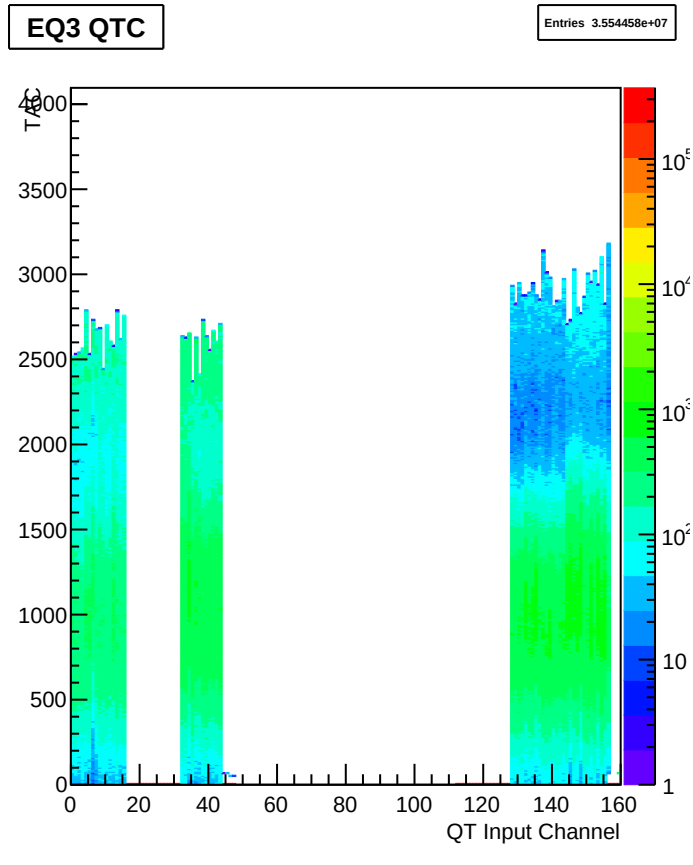

EQ2 QTC
Entries 3.554458e+07
ADC
QT Input Channel

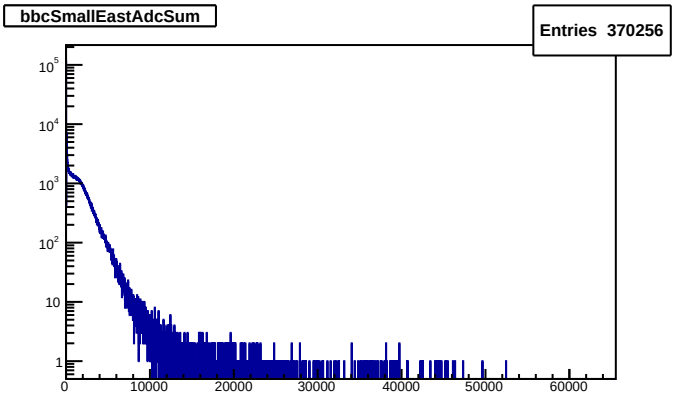

EQ2 QTC
Entries 3.554458e+07
TADC
QT Input Channel

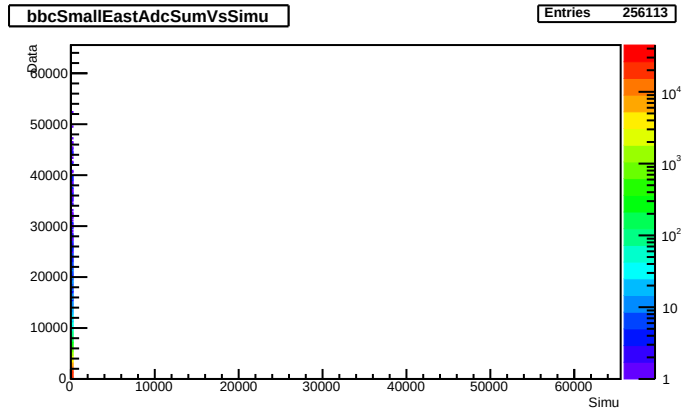

EQ3 QTB
Entries 9.478554e+07
ADC
QT Input Channel


EQ3 QTB
Entries 2.917885e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.554458e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.554458e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 370256


bbcSmallEastAdcSumVsSimu
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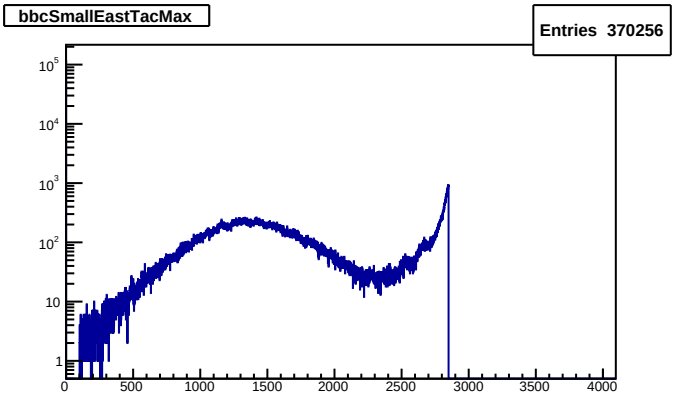
Data
Simu


bbcSmallEastTacMax
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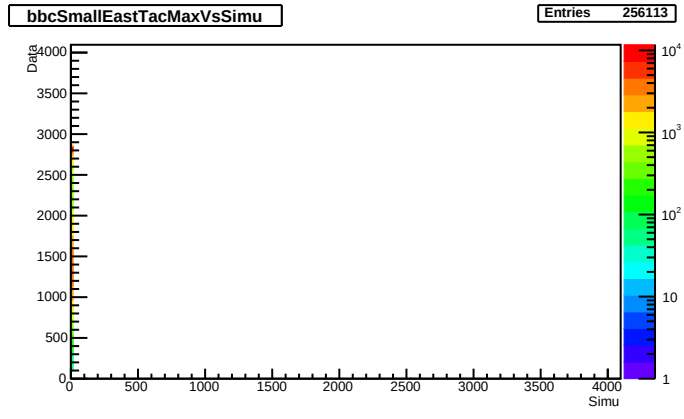
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Entries 256113
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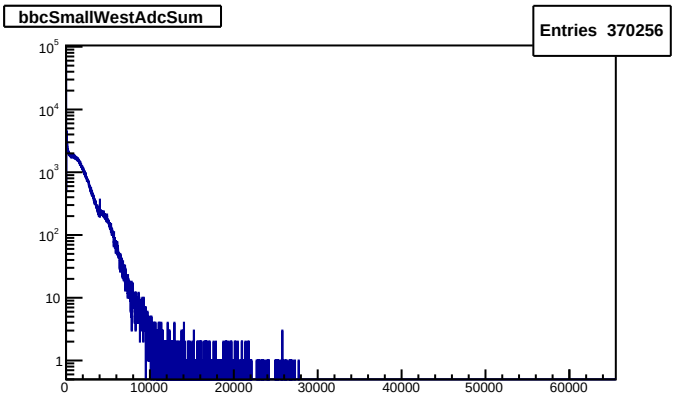
Simu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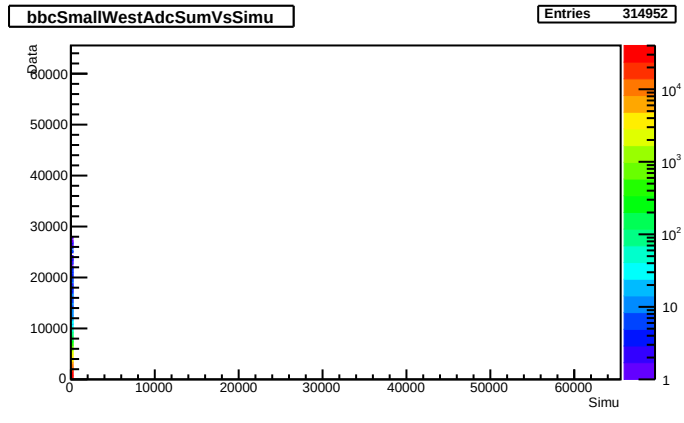
Entries 370256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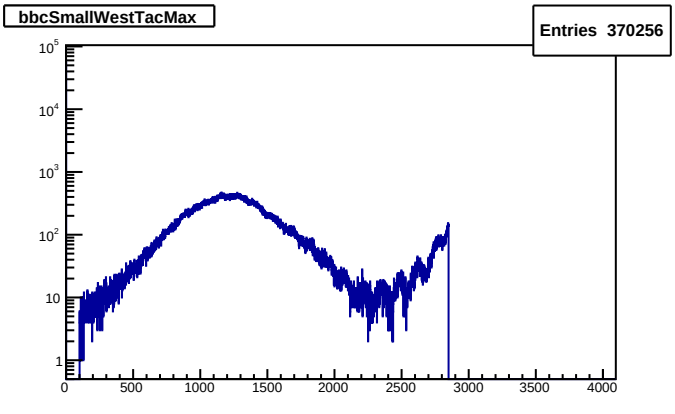
Entries 314952
Data
Simu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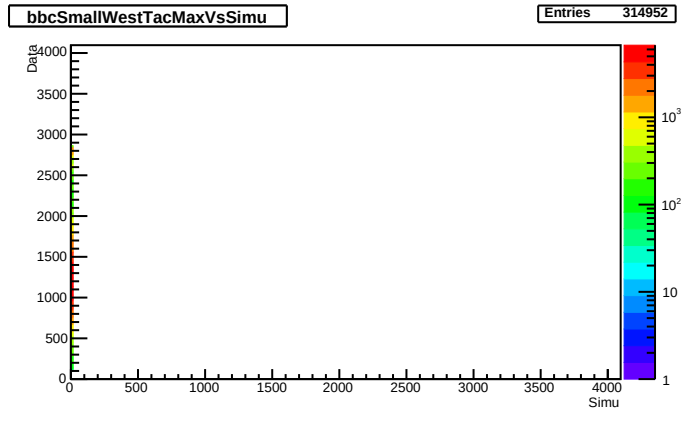
Entries 370256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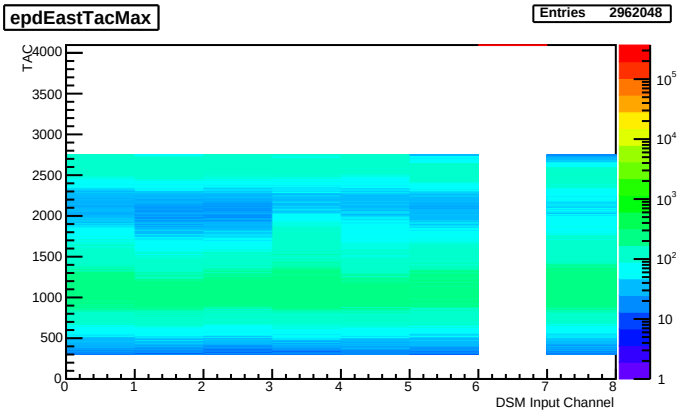
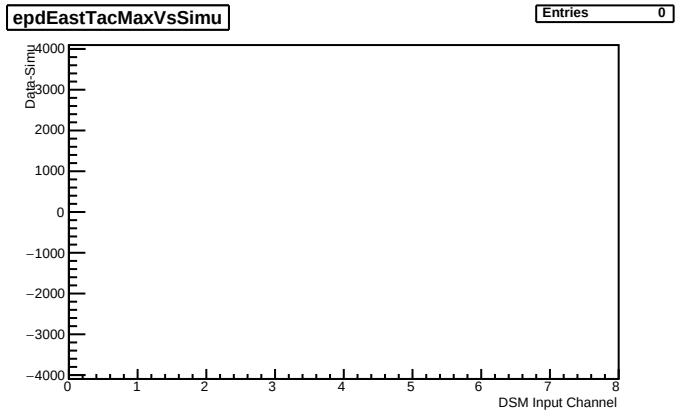
Entries 314952
Data
Simu


epdEastTacMax
Entries 2962048
TAC
DSM Input Channel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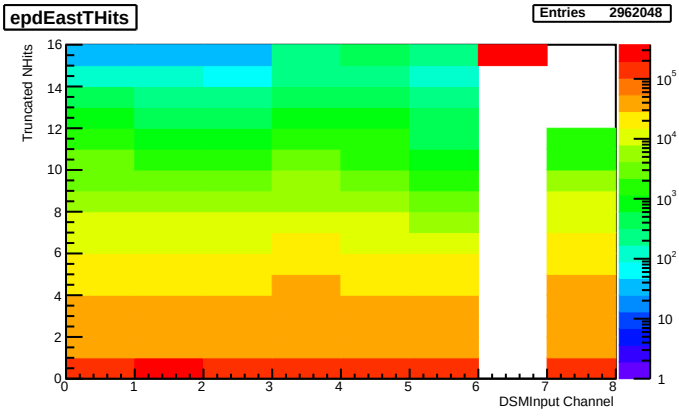
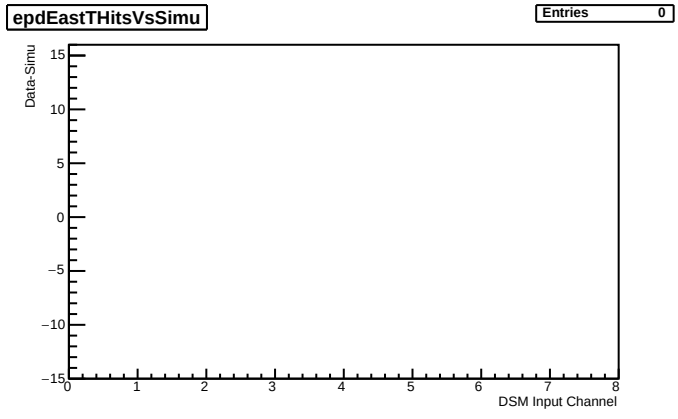
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2962048
Truncated NHits
DSMInput Channel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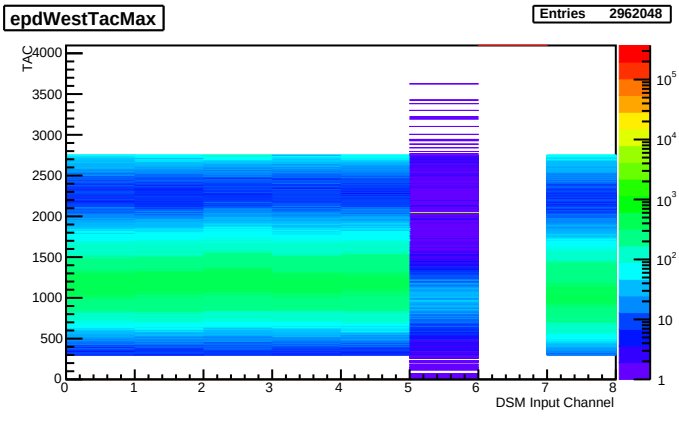
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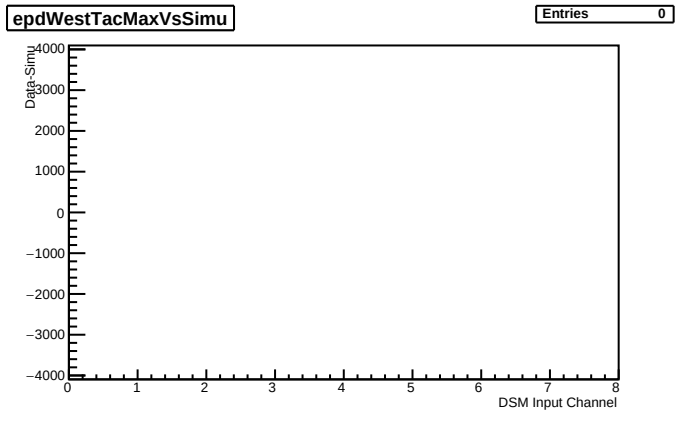
TAC
DSM Input Channel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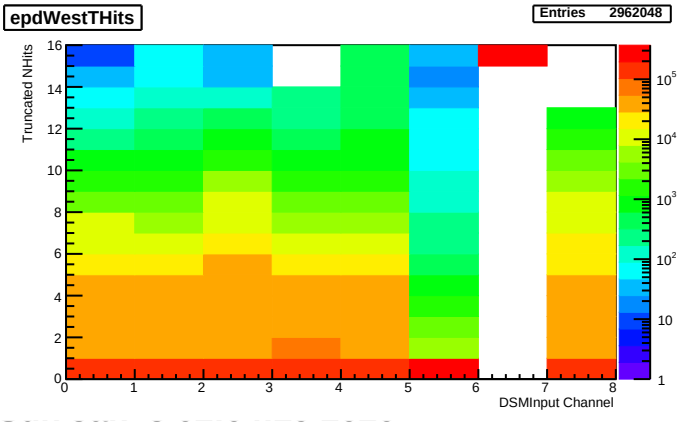
Data-Simu
DSM Input Channel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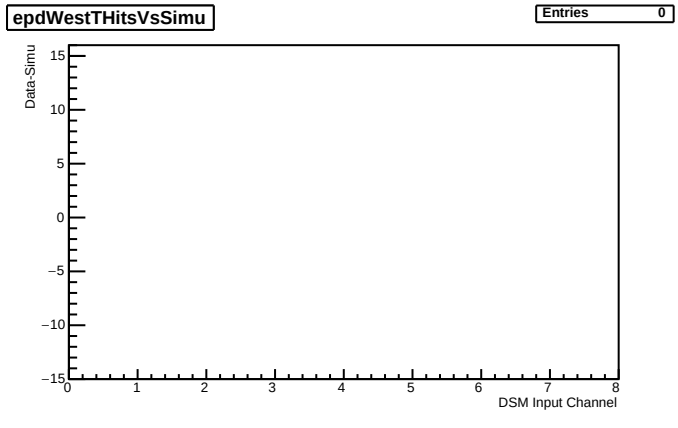
Truncated NHits
DSMInput Channel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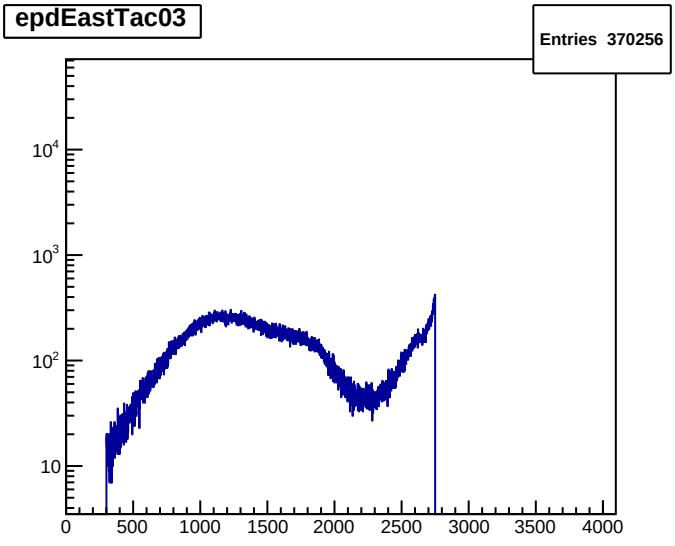
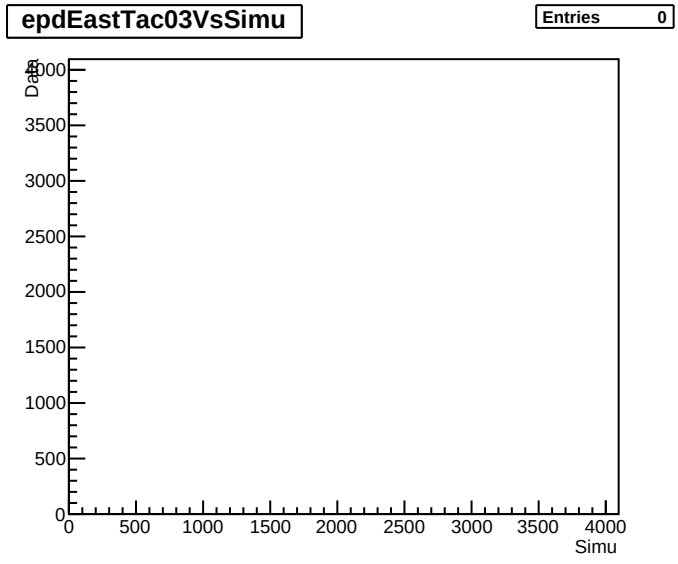
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 370256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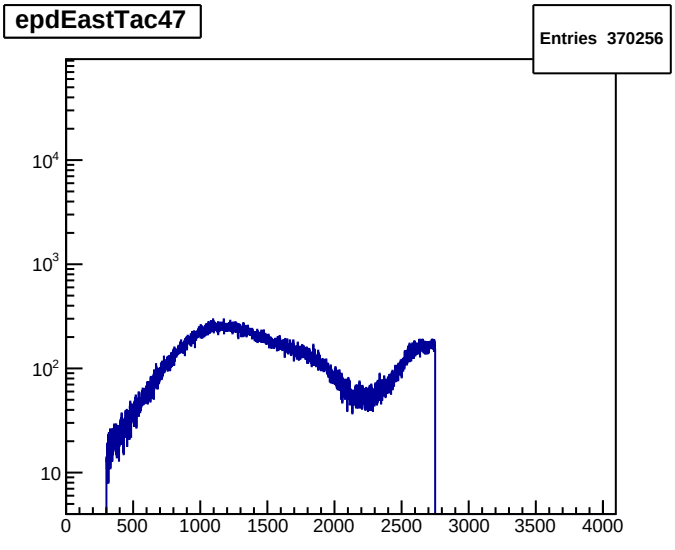
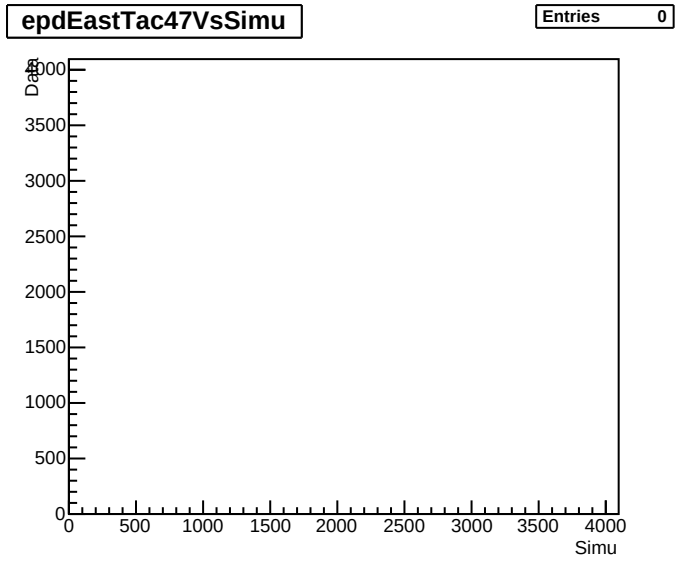
Entries 0
Data
Simu


epdEastTac47
Entries 370256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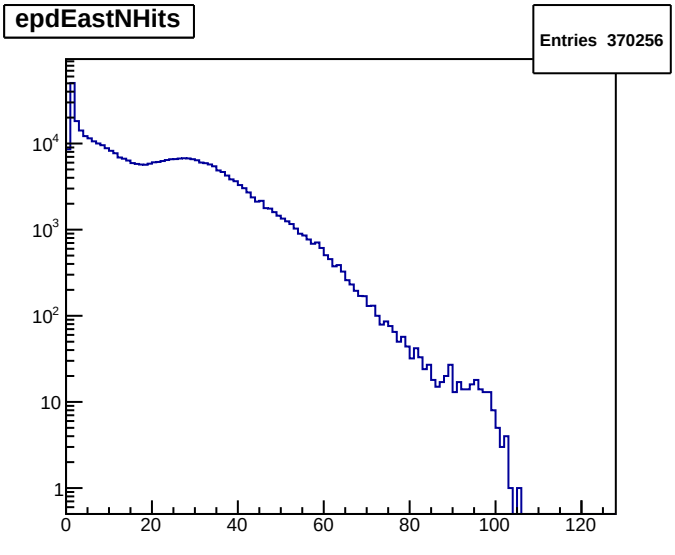
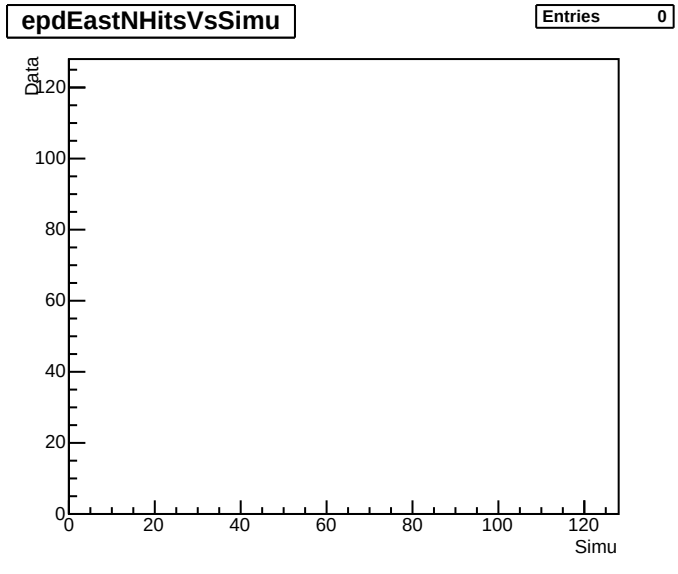
Data
Simu


epdEastNHits
Entries 370256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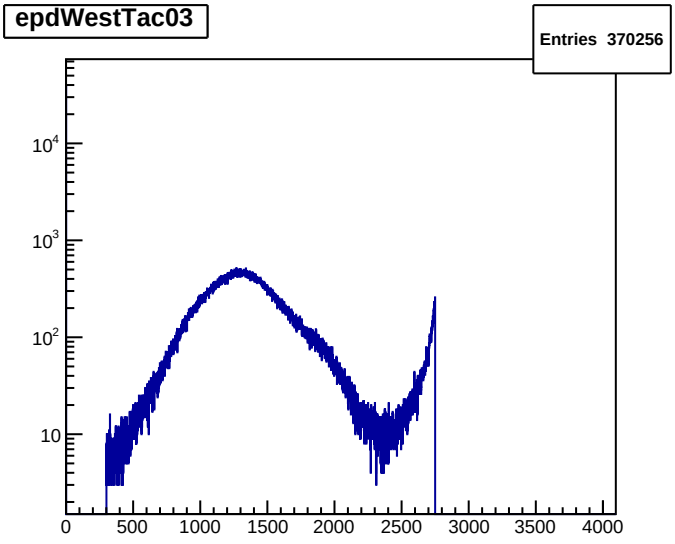
Entries 0
Data
Simu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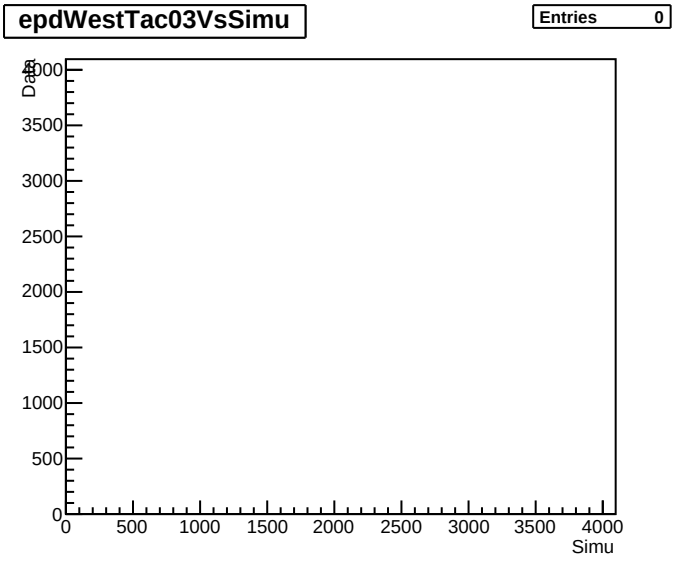
Entries 370256
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdWestTac03VsSimu
Entries 0
Data
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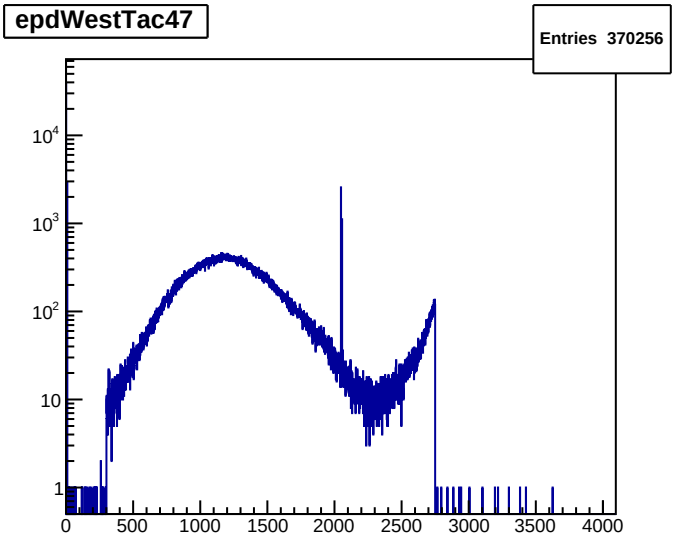
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdWestTac47
Entries 370256
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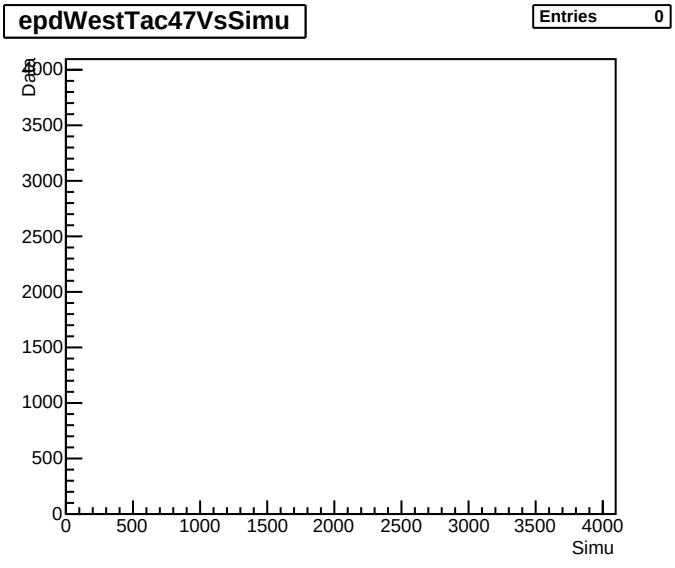
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000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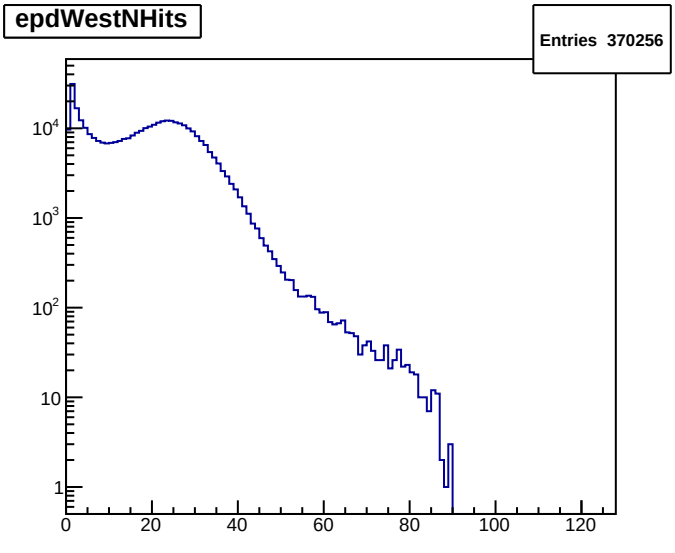
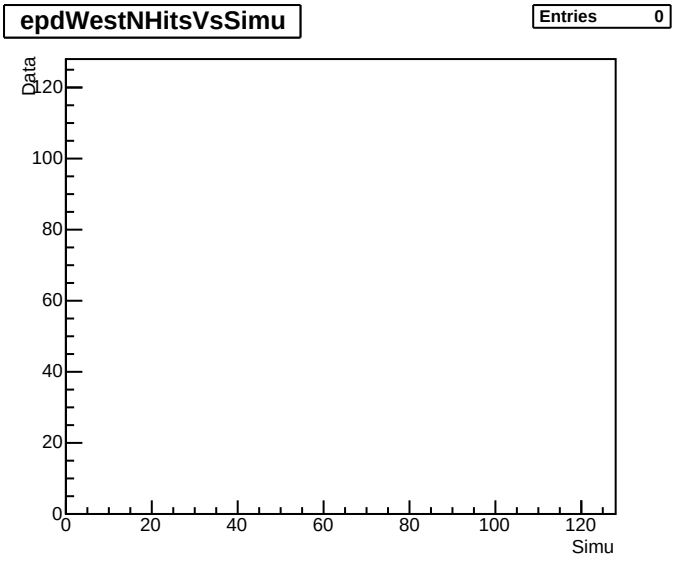
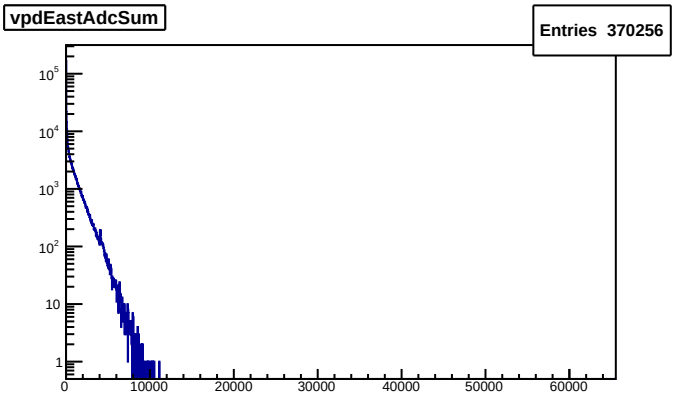
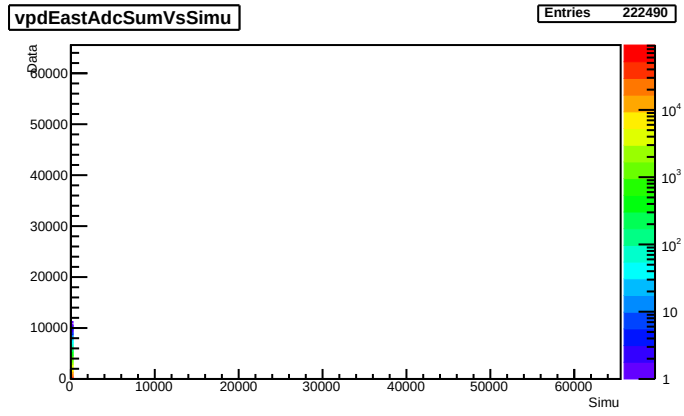
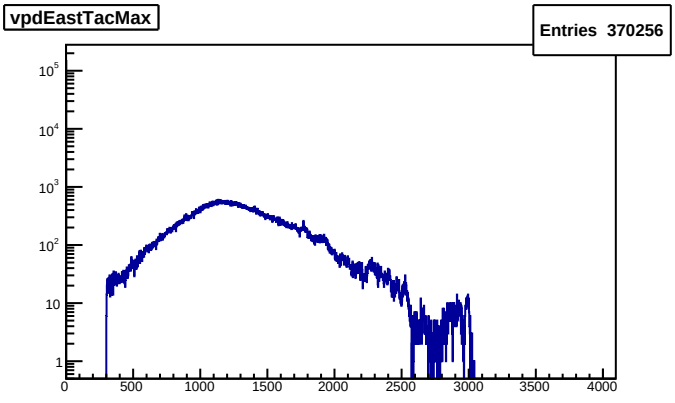
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

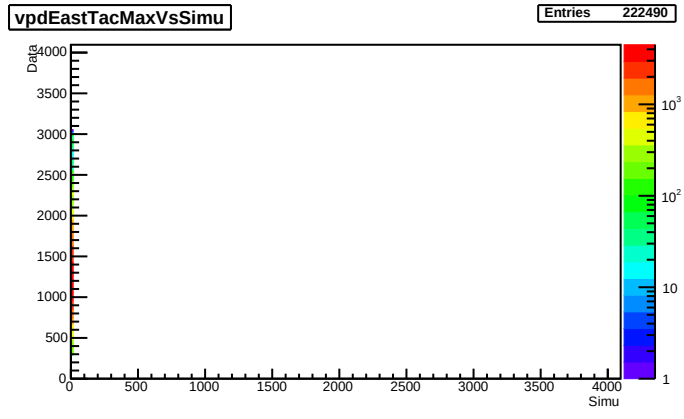

epdWestNHits
Entries 370256
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

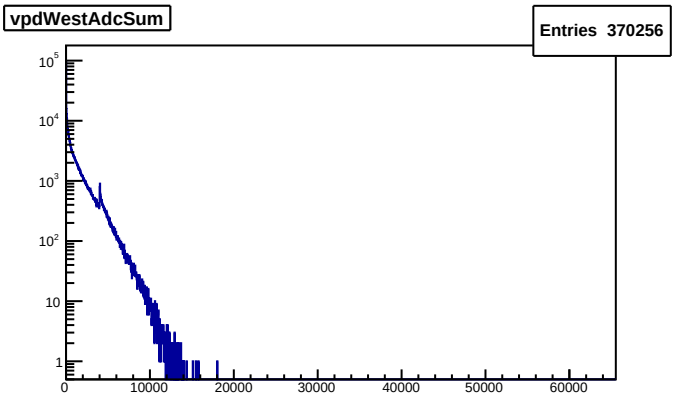

epdWestNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

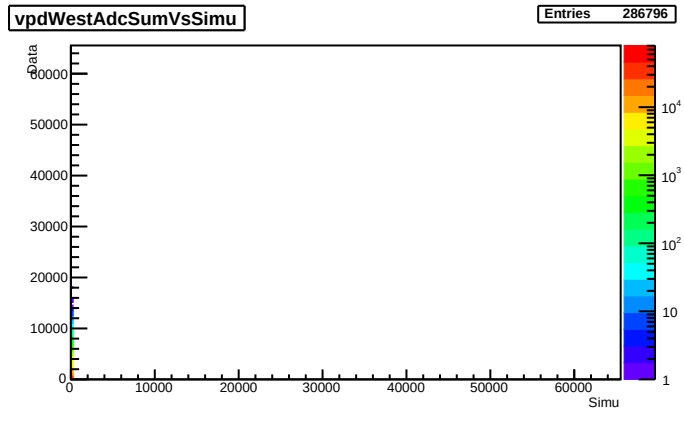

vpdEastAdcSum
Entries 370256

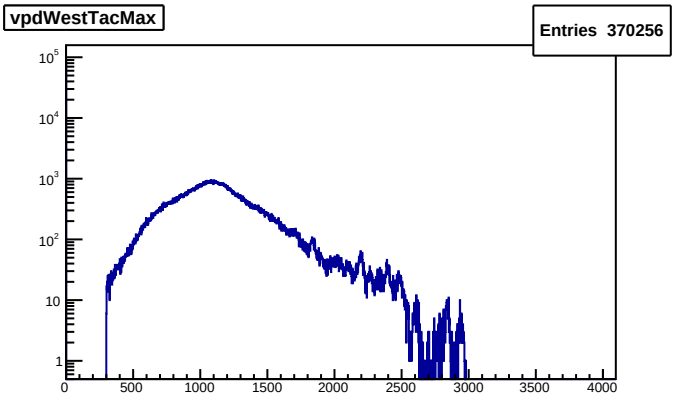

vpdEastAdcSumVsSimu
Entries 222490
Data
Simu

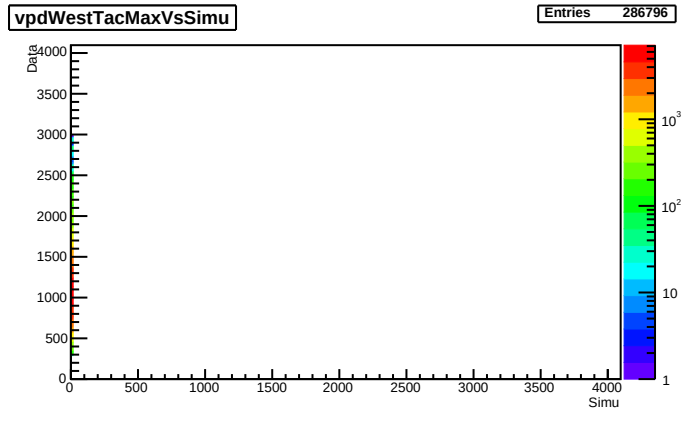

vpdEastTacMax
Entries 370256

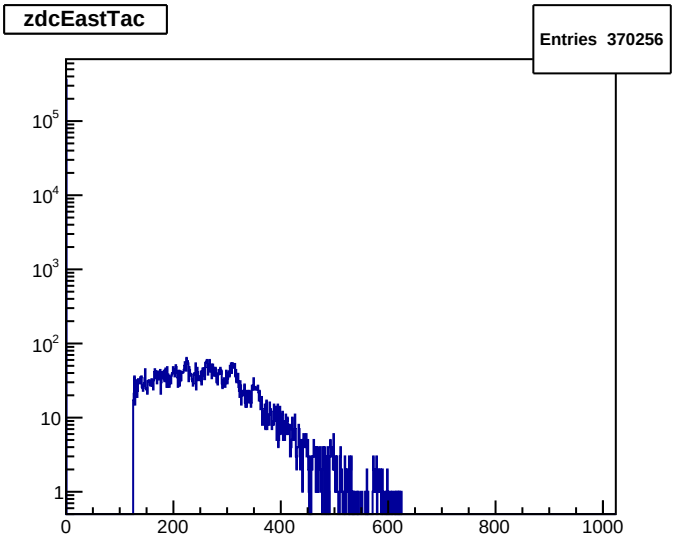

vpdEastTacMaxVsSimu
Entries 222490
Data
Simu

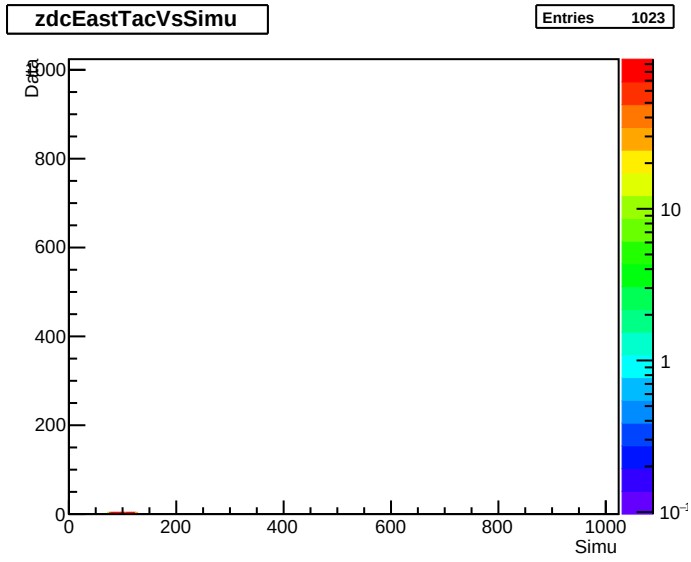

vpdWestAdcSum
Entries 370256

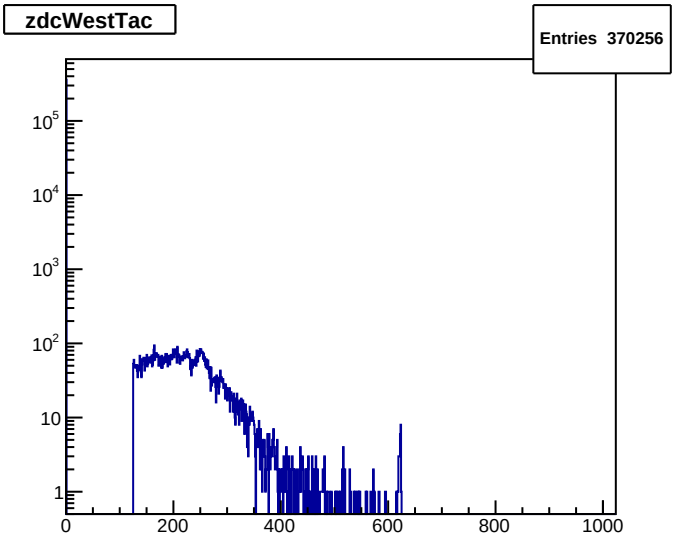

vpdWestAdcSumVsSimu
Entries 286796
Data
Simu

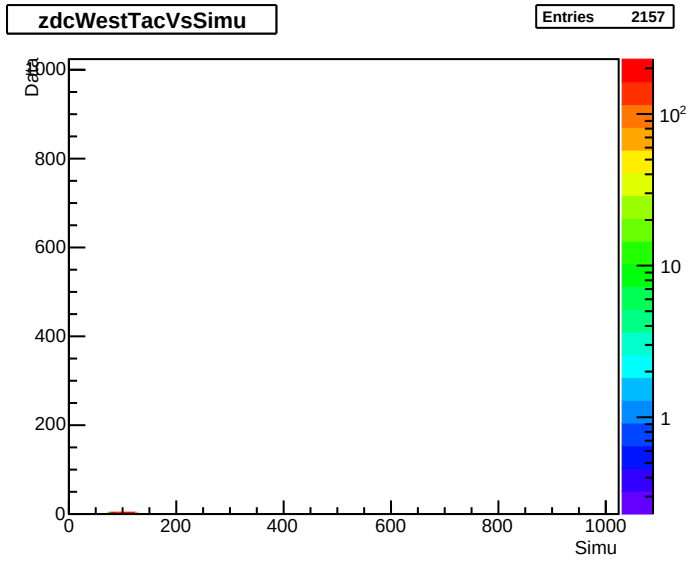

vpdWestTacMax
Entries 370256

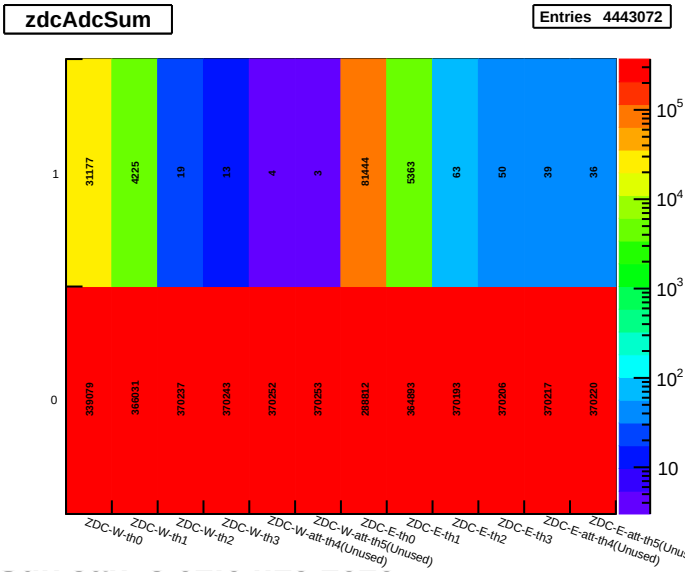

vpdWestTacMaxVsSimu
Entries 286796
Data
Simu

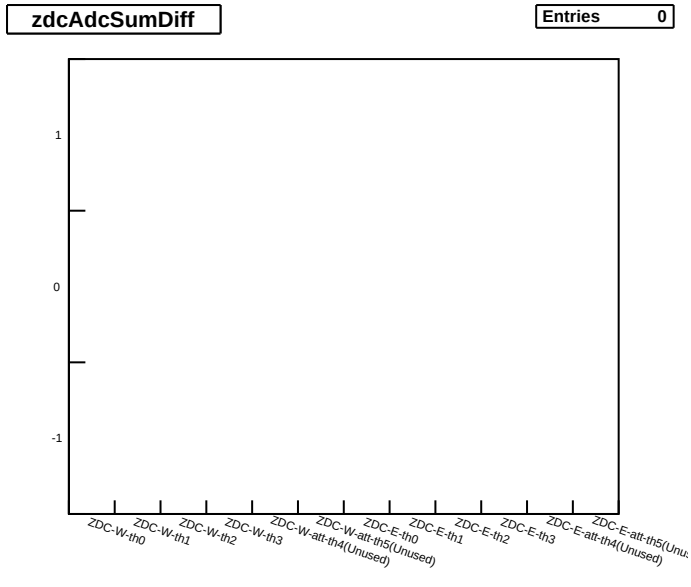

zdcEastTac
Entries 370256

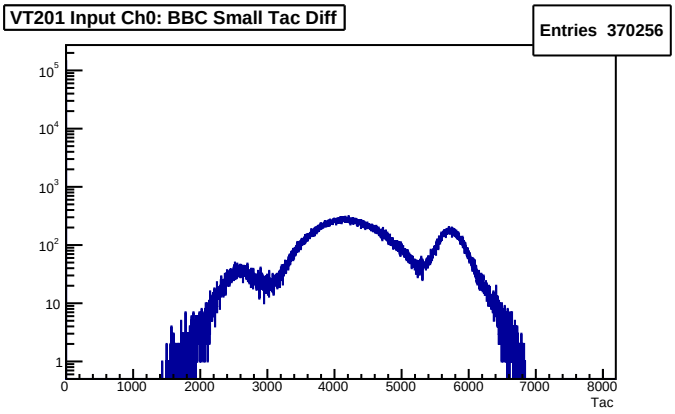

zdcEastTacVsSimu
Entries 1023
Data
Simu

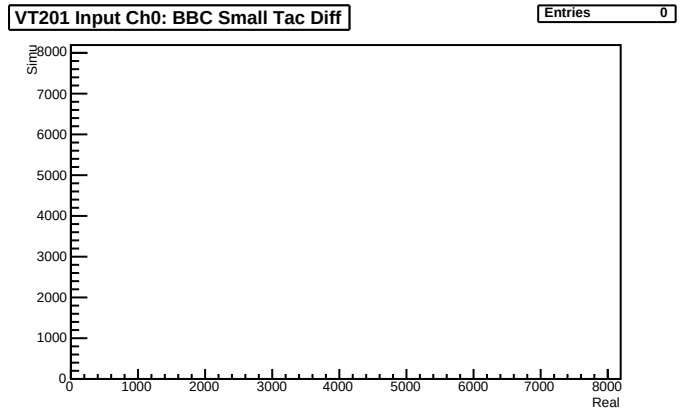

zdcWestTac
Entries 370256

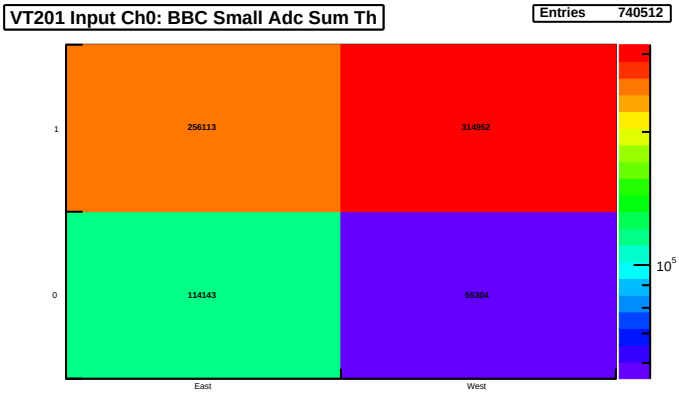

zdcWestTacVsSimu
Entries 2157
Data
Simu

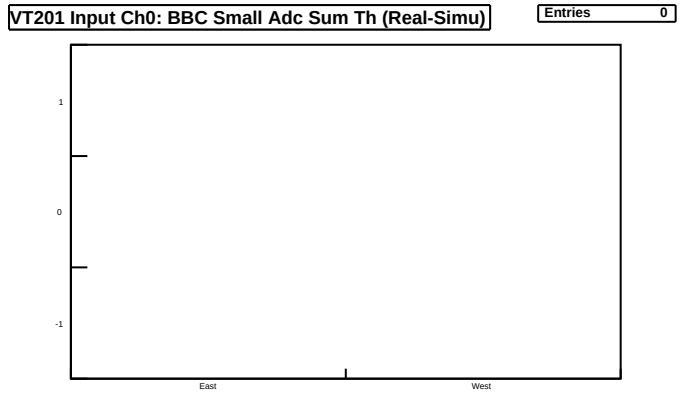

zdcAdcSum
Entries 4443072
31177
4225
19
13
4
3
81444
5363
63
50
39
36
339079
366031
370237
370243
370252
370253
288812
364893
370193
370206
370217
370220
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

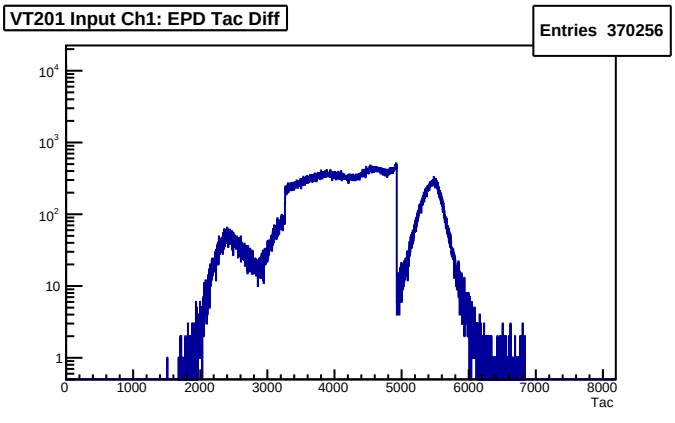

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

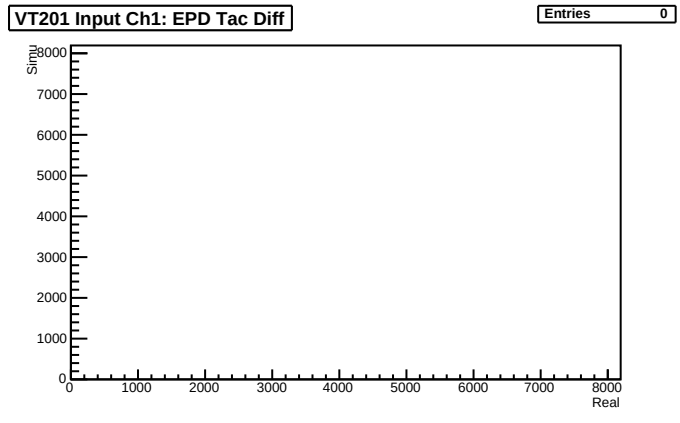

VT201 Input Ch0: BBC Small Tac Diff
Entries 370256
Tac

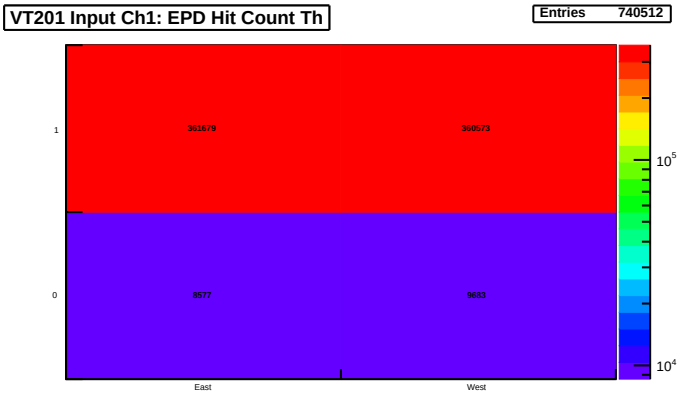

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

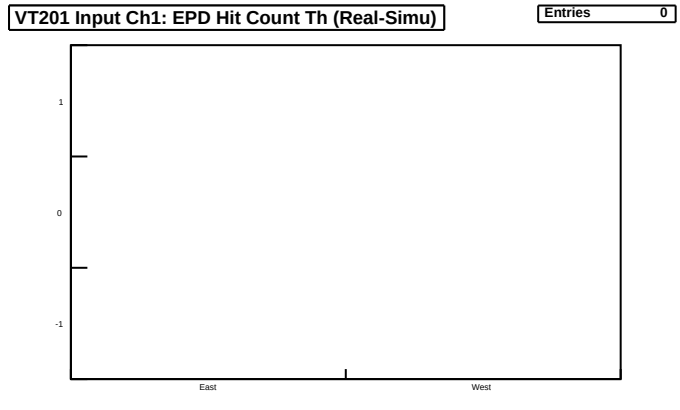

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 740512
256113
314952
114143
55304
East
West

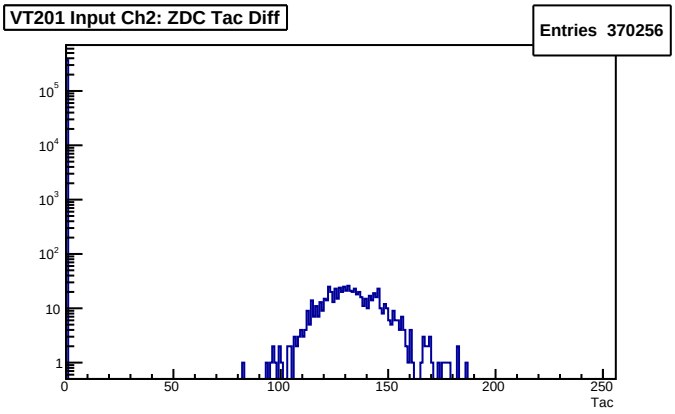

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

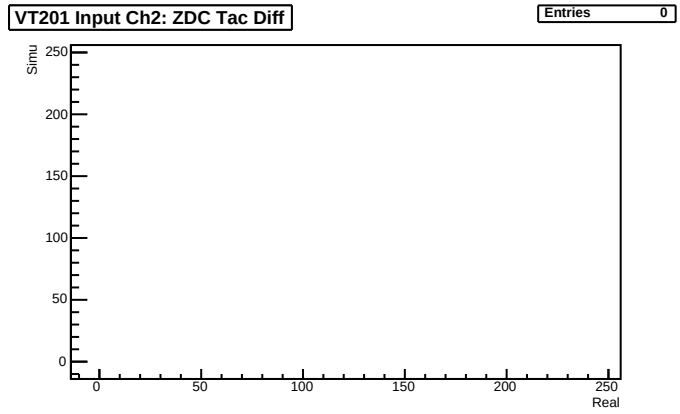

VT201 Input Ch1: EPD Tac Diff
Entries 370256
Tac

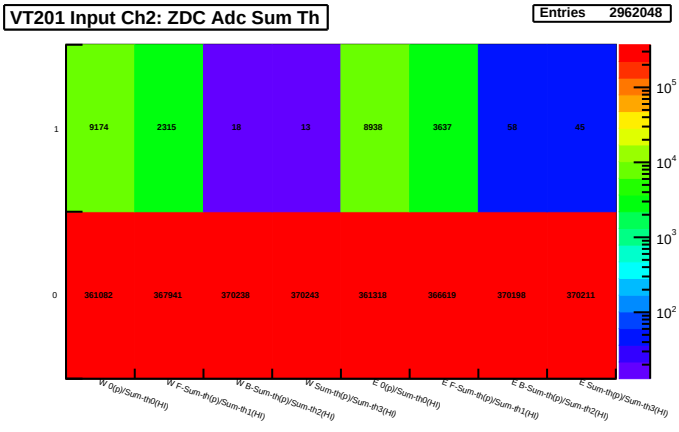

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

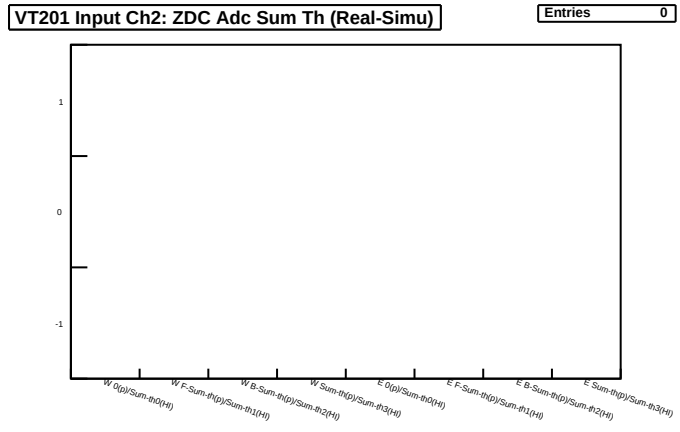

VT201 Input Ch1: EPD Hit Count Th
Entries 740512
361679
360573
8577
9683
East
West

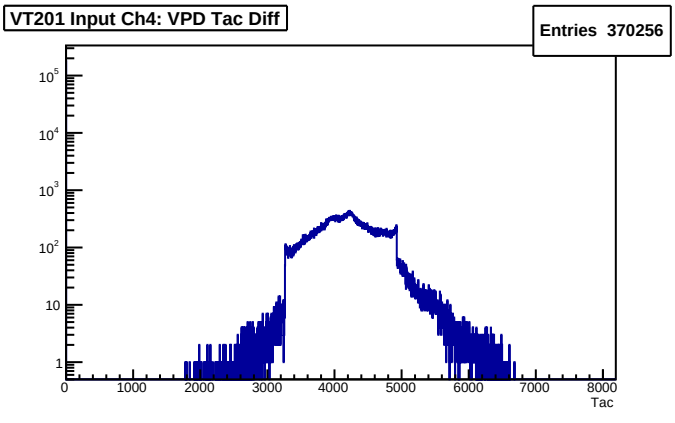

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

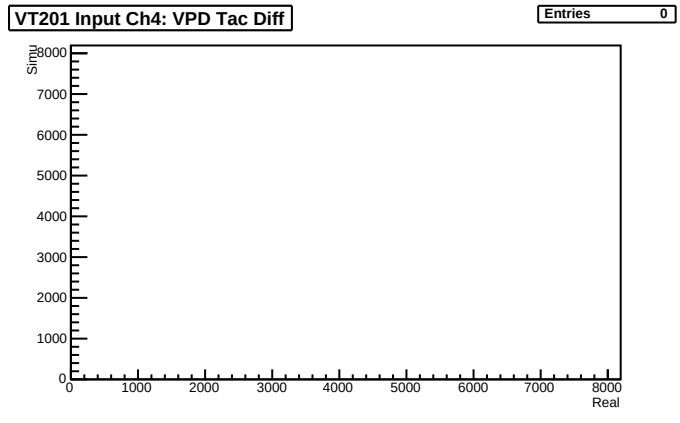

VT201 Input Ch2: ZDC Tac Diff
Entries 370256
Tac

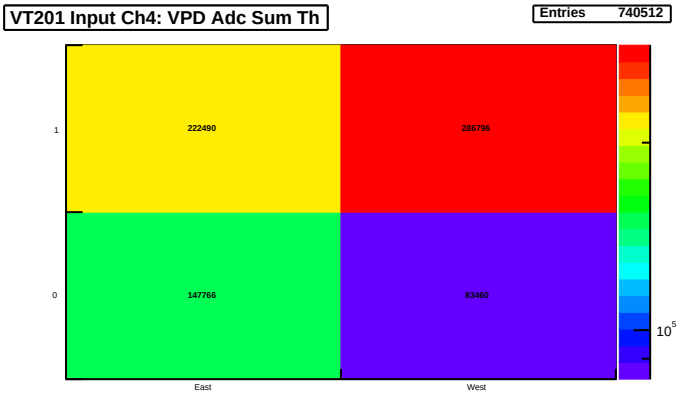

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

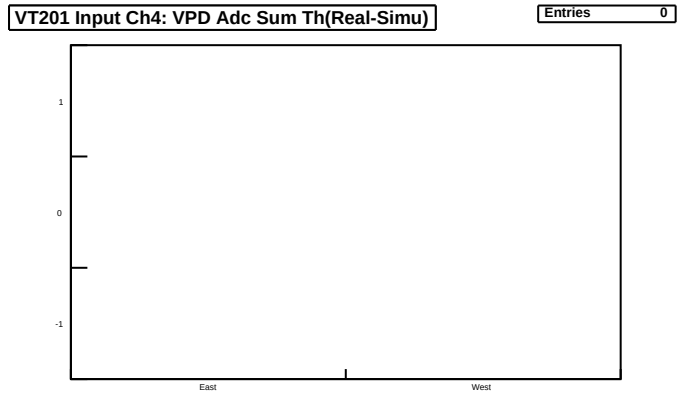

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2962048
9174
2315
18
13
8938
3637
58
45
361082
367941
370238
370243
361318
366619
370198
370211
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

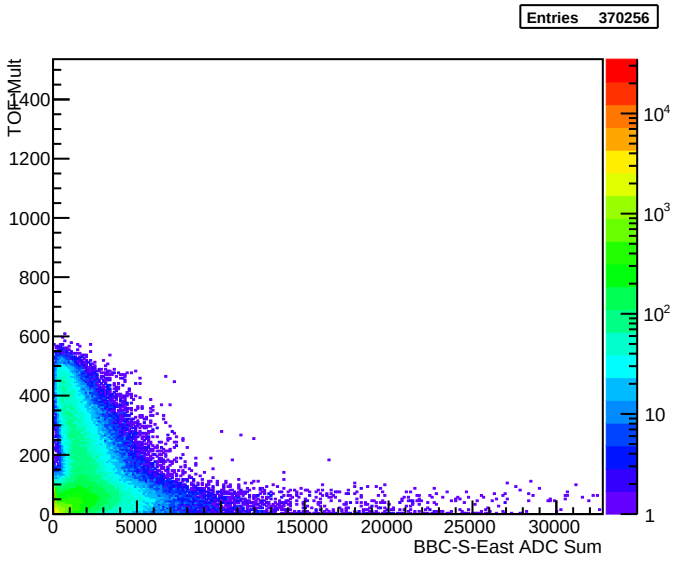

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

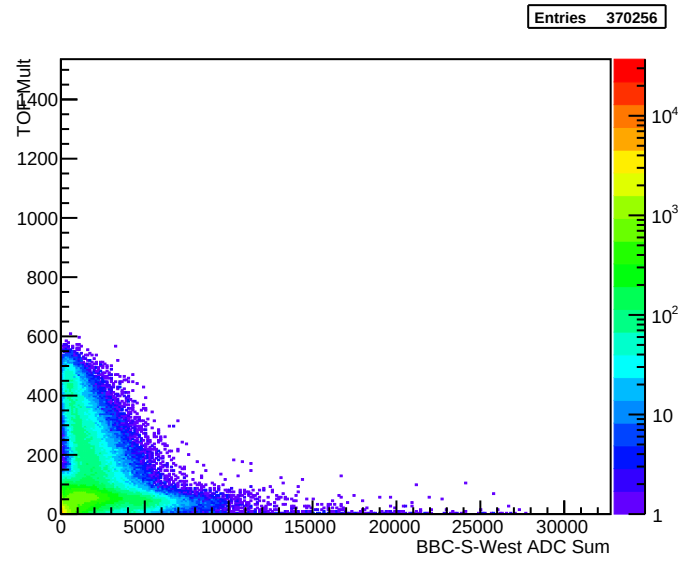

VT201 Input Ch4: VPD Tac Diff
Entries 370256
Tac

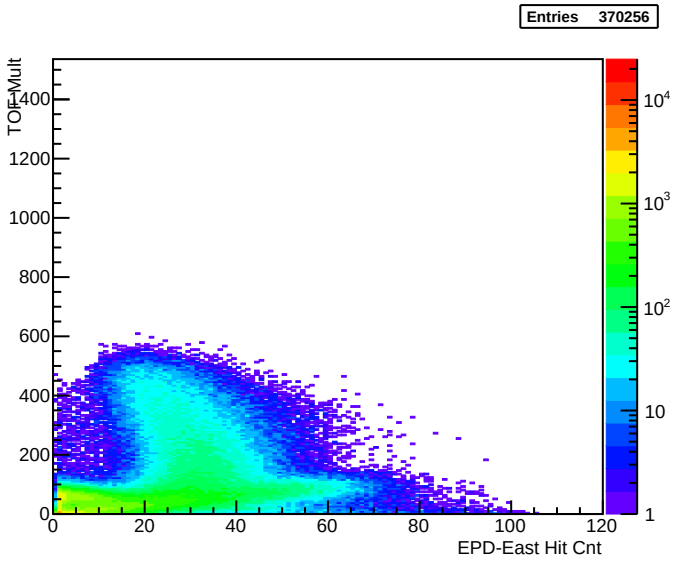

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

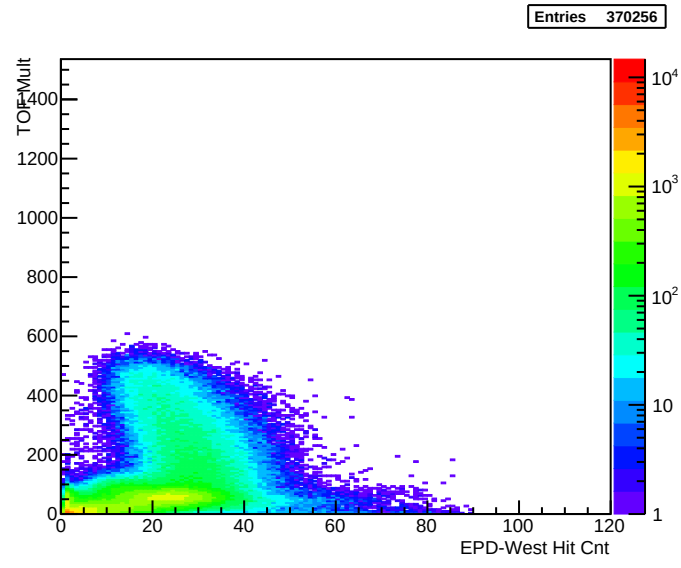

VT201 Input Ch4: VPD Adc Sum Th
Entries 740512
222490
286796
147766
83460
East
West

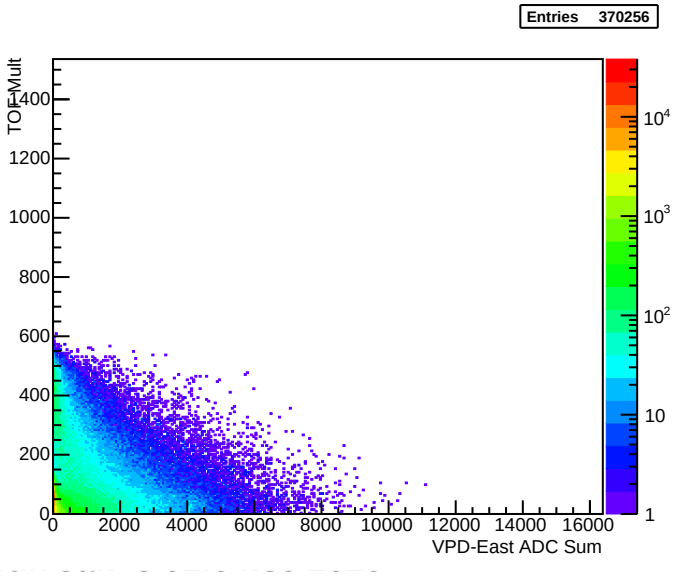

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

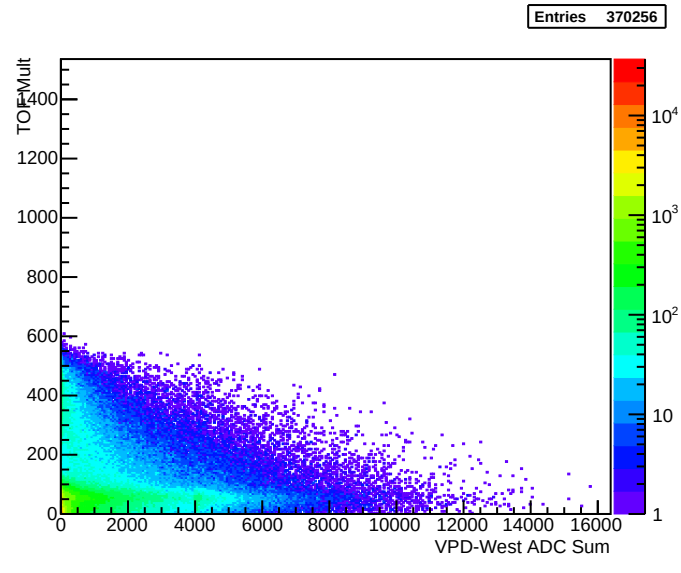

Entries 370256
TOF-Mult
BBC-S-East ADC Sum

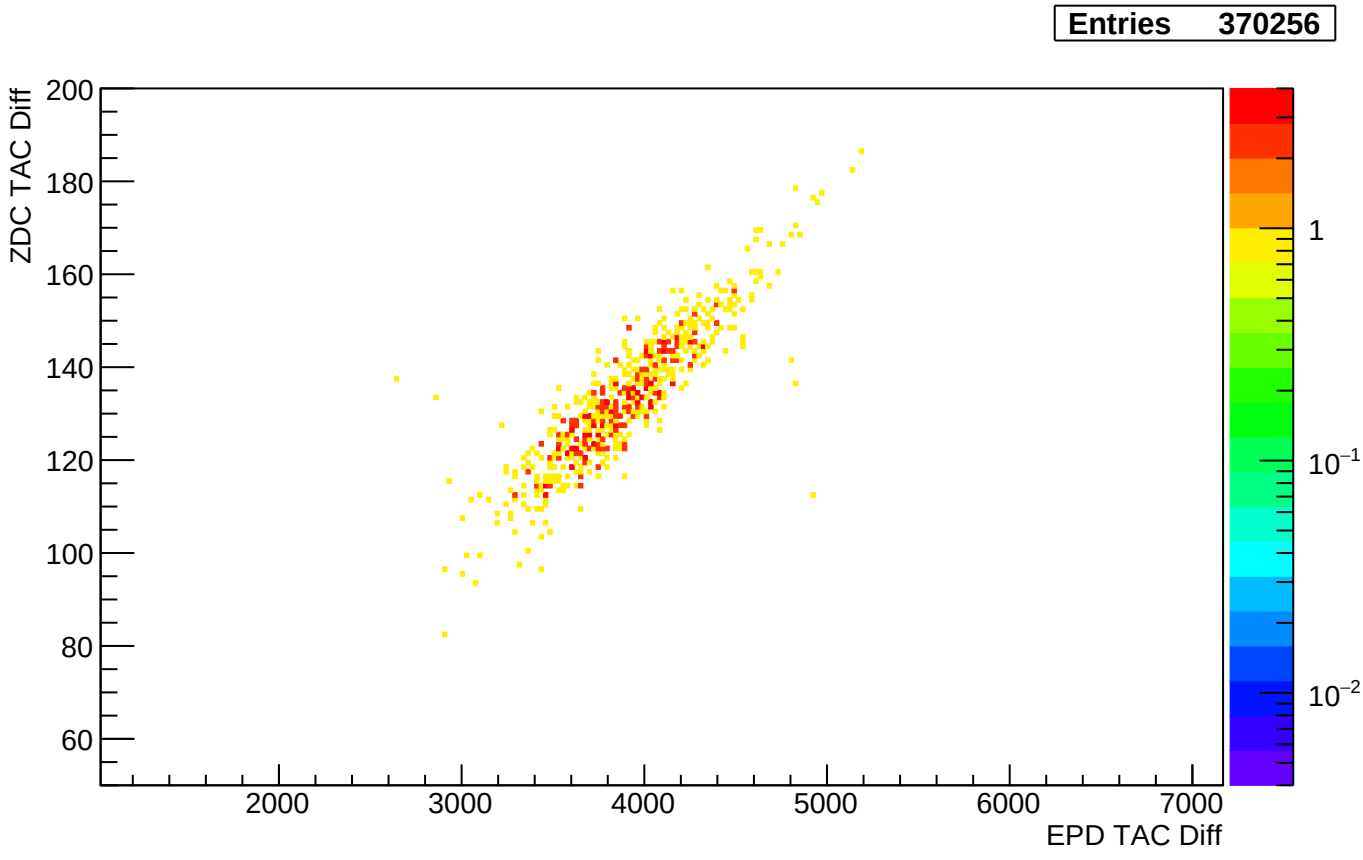

Entries 370256
TOF-Mult
BBC-S-West ADC Sum

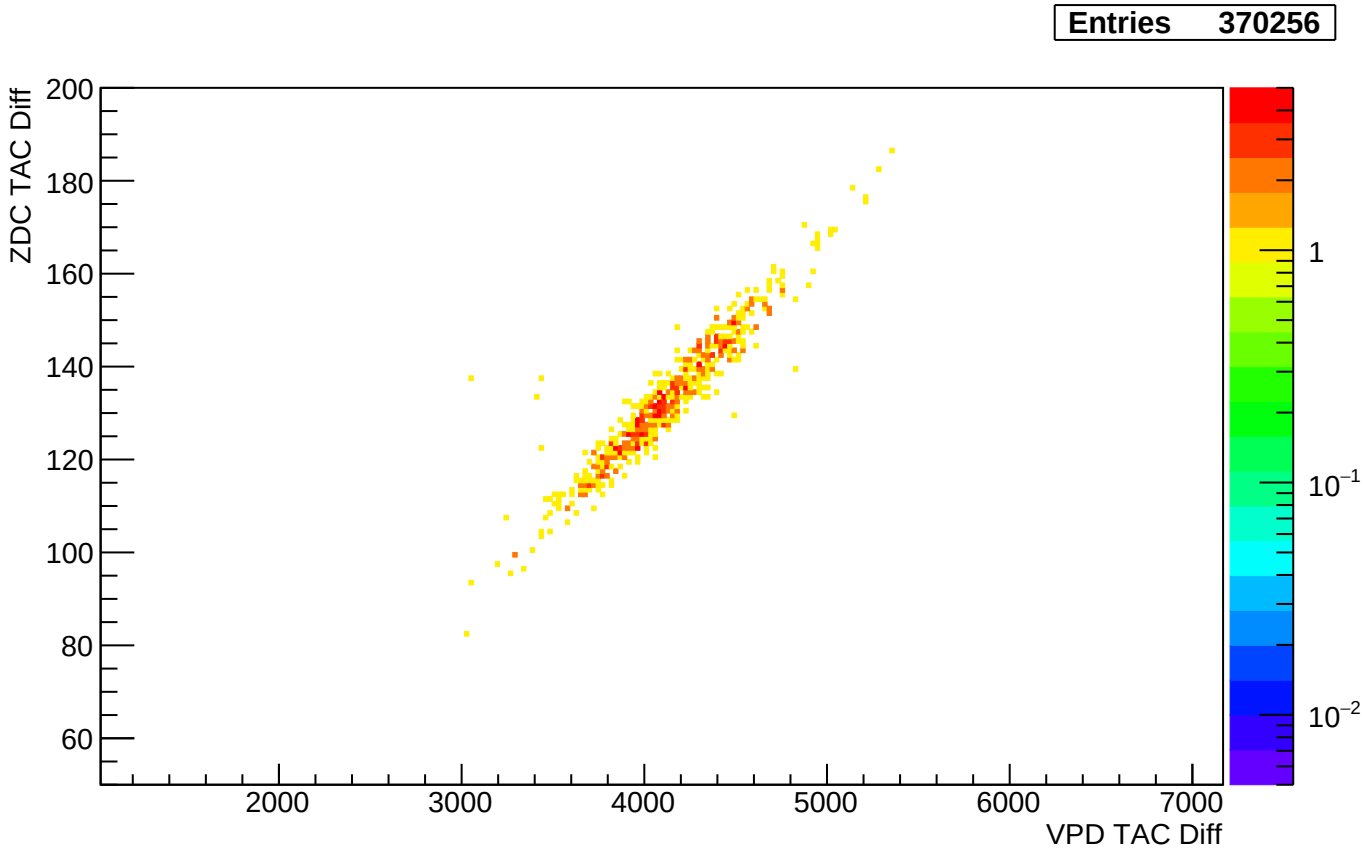

Entries 370256
TOF-Mult
EPD-East Hit Cnt

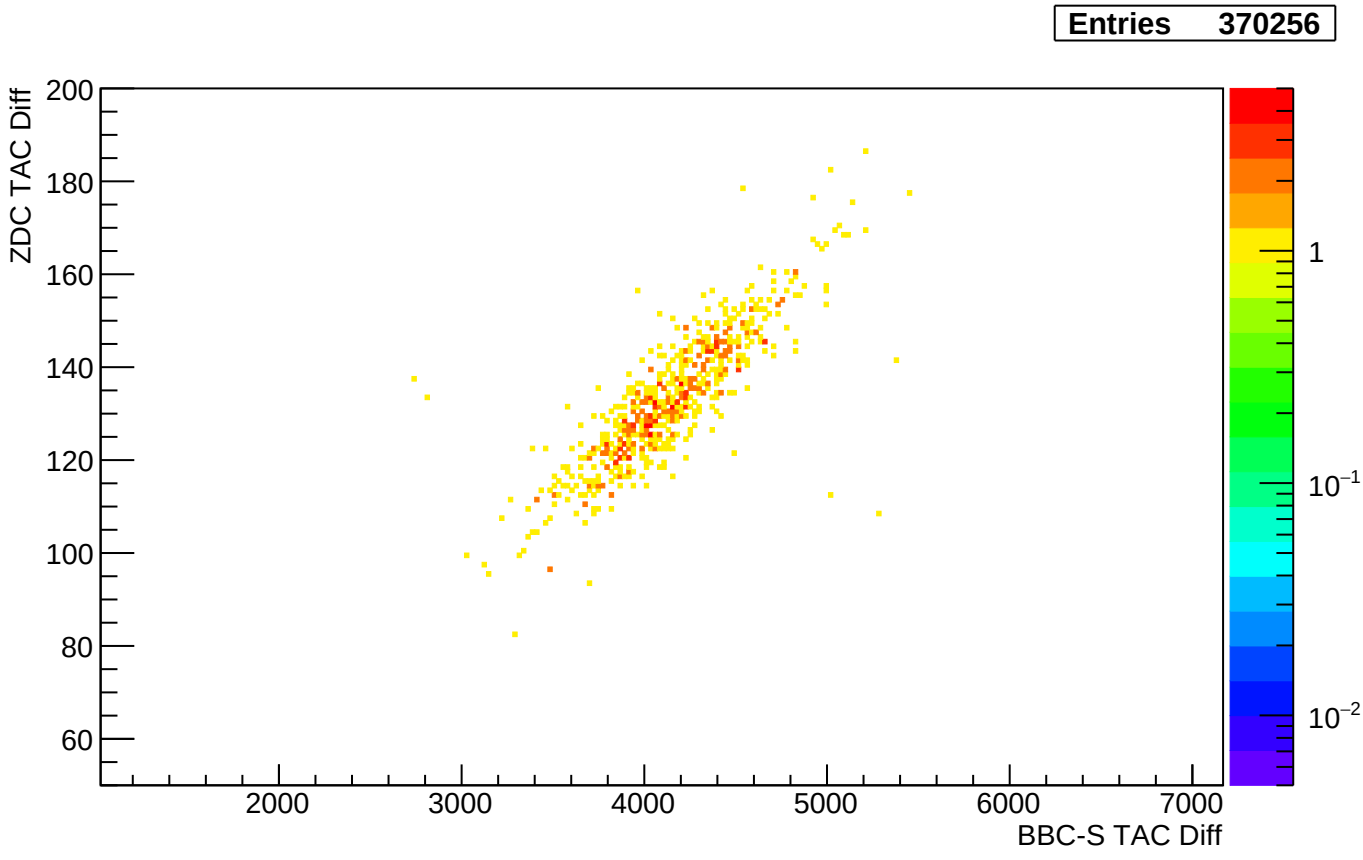

Entries 370256
TOF-Mult
EPD-West Hit Cnt

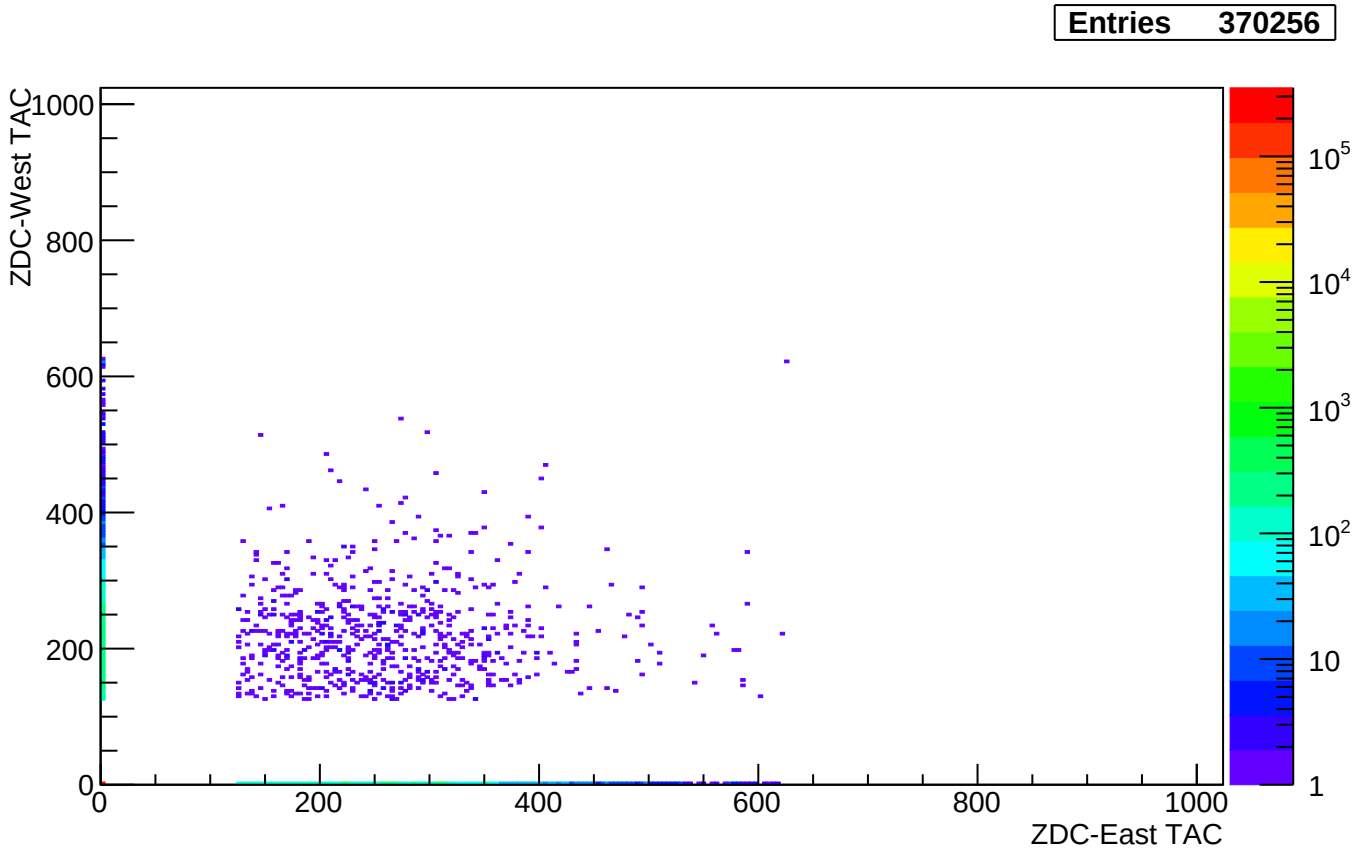

Entries 370256
TOF-Mult
VPD-East ADC Sum

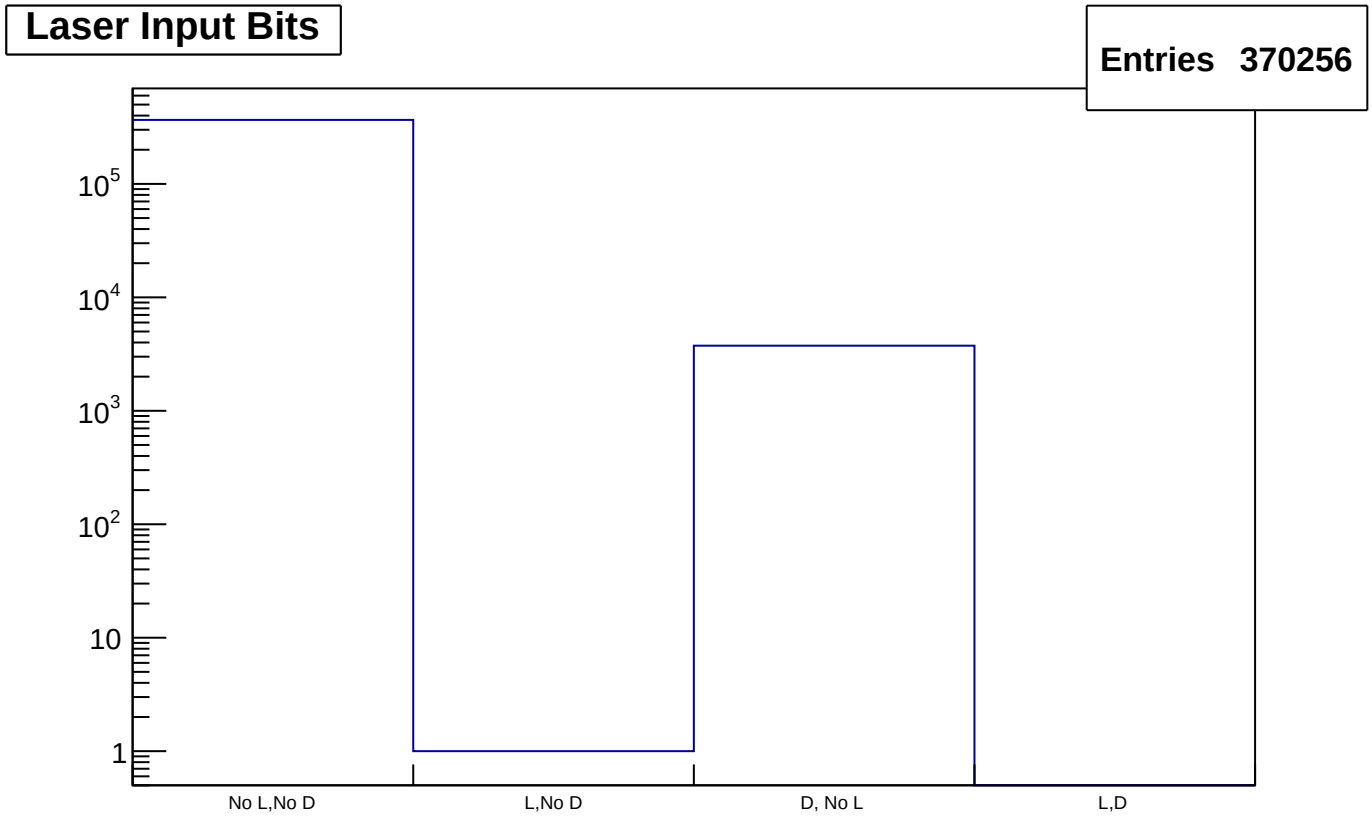

Entries 370256
TOF-Mult
VPD-West ADC Sum

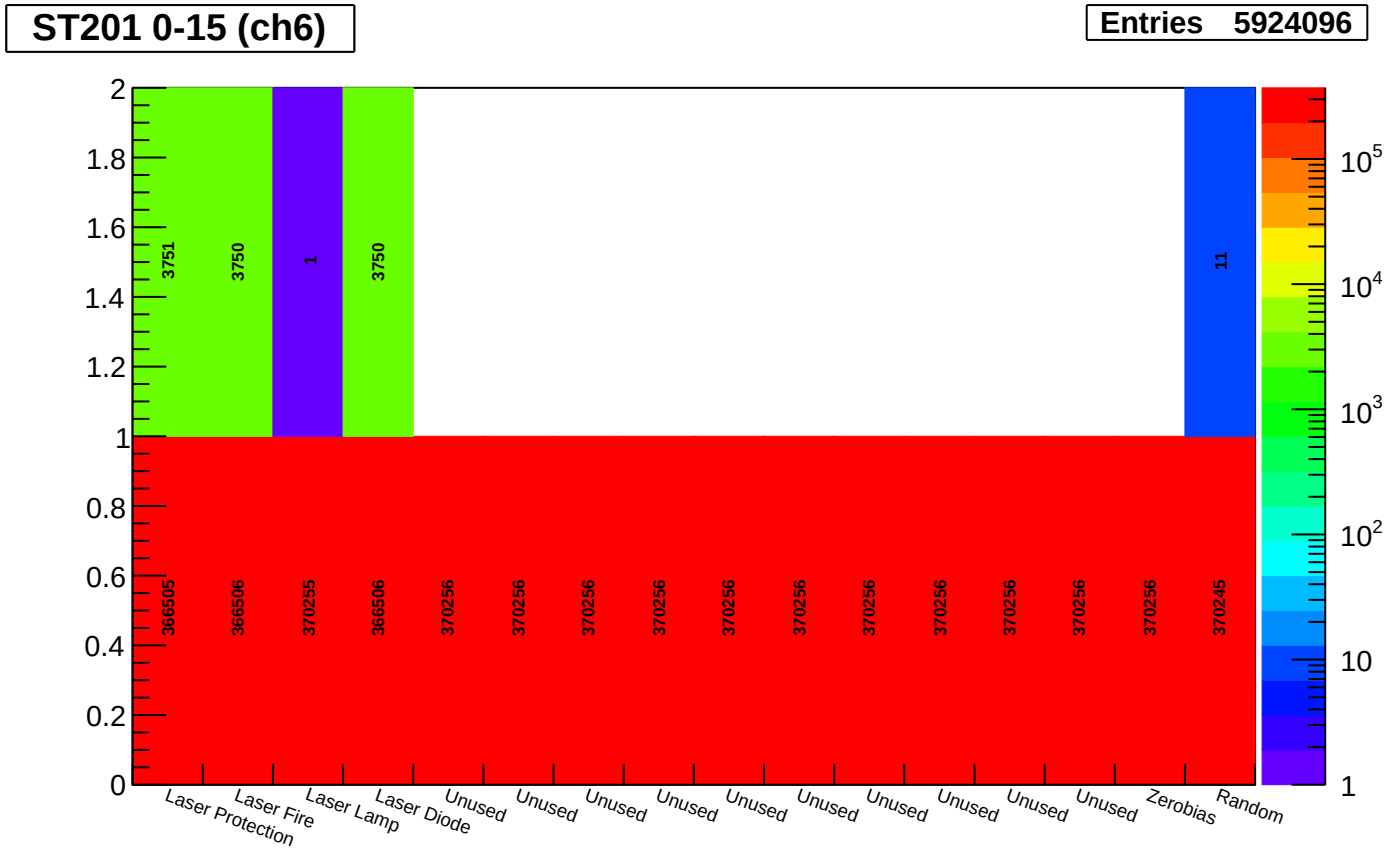

Entries 370256
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

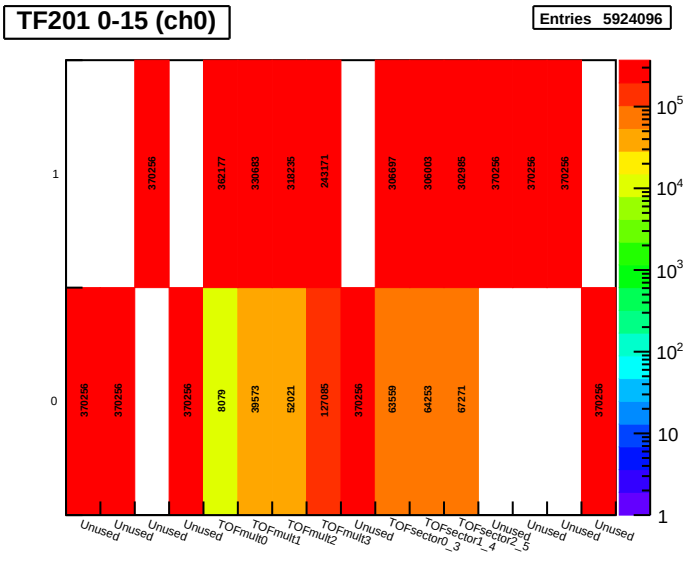

Entries 370256
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

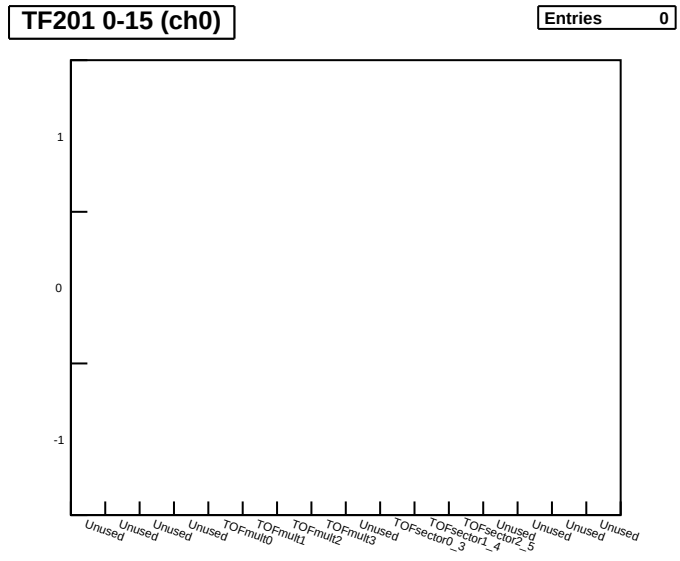

Entries 370256
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

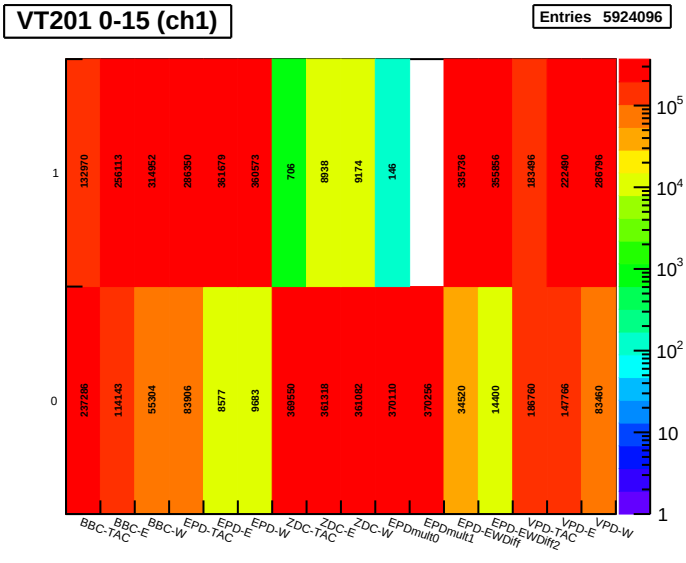

Entries 370256
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

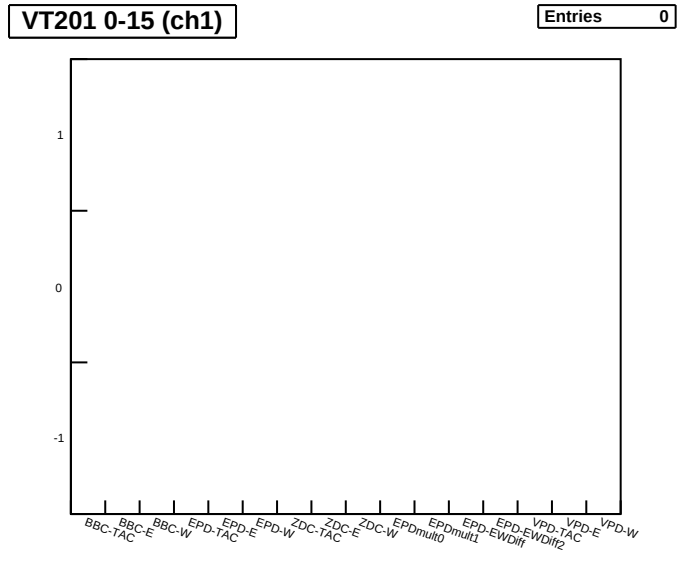

Laser Input Bits
Entries 370256
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

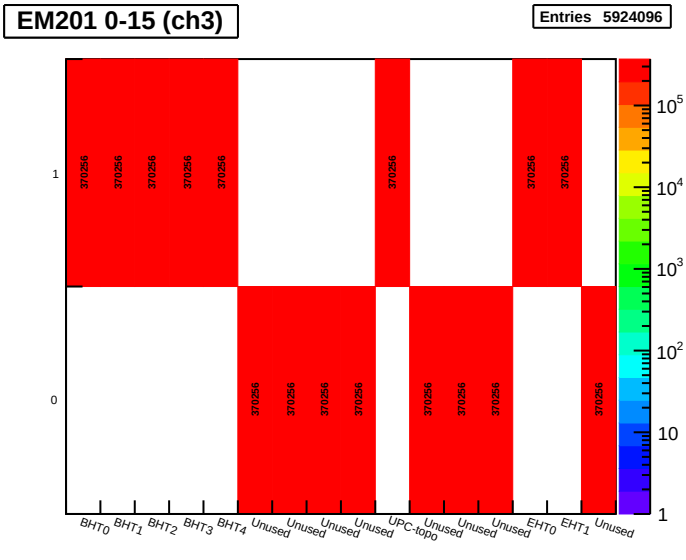

ST201 0-15 (ch6)
Entries 5924096
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3751
3750
1
3750
11
366505
366506
370255
366506
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
370245
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

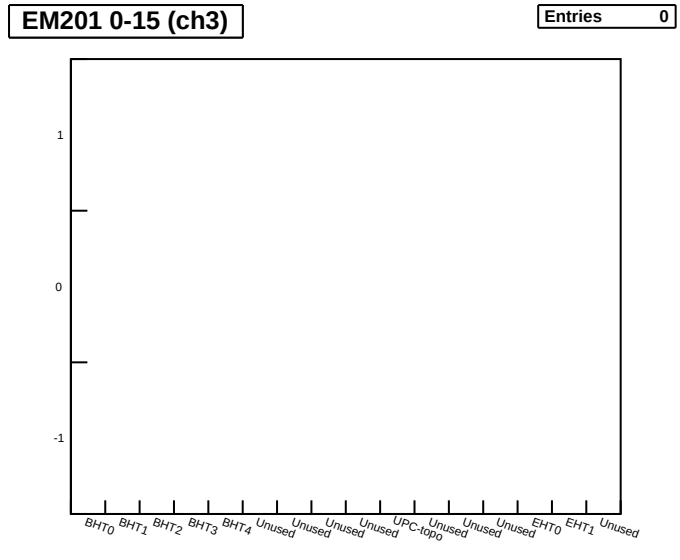

TF201 0-15 (ch0)
Entries 5924096
1
0
370256
362177
330683
318235
243171
306697
306003
302985
370256
370256
370256
370256
370256
370256
370256
8079
39573
52021
127085
370256
63559
64253
67271
370256
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5924096
1
0
132970
256113
314952
286350
361679
360573
706
8938
9174
146
335736
355856
183496
224480
286786
237286
114143
55304
83906
8577
9683
369550
361318
361082
370110
370256
34520
14400
186760
147766
83460
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 5924096
1
0
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
370256
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