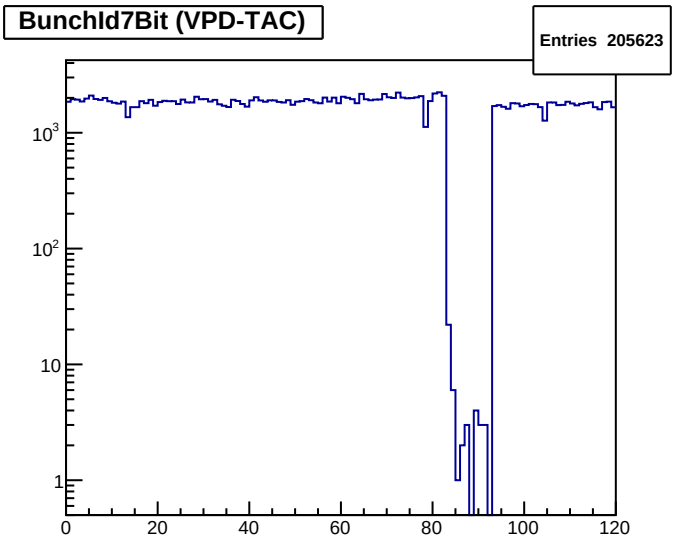
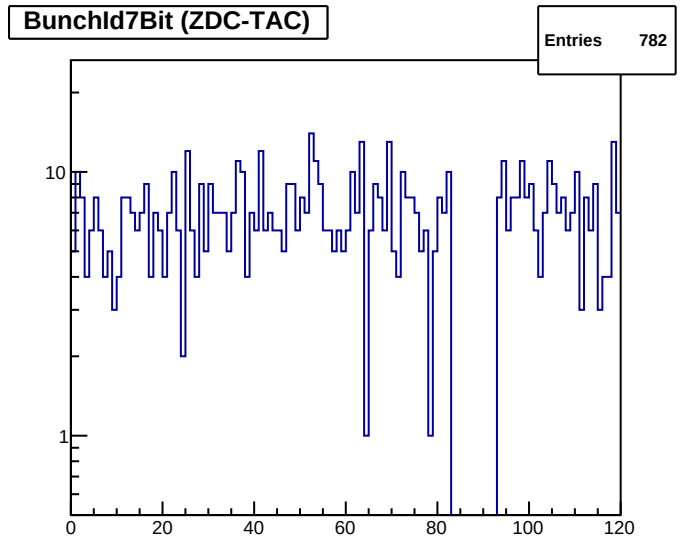
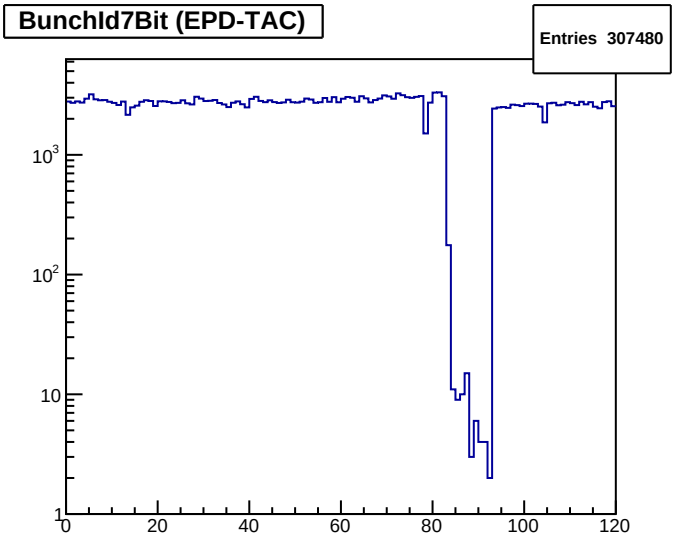
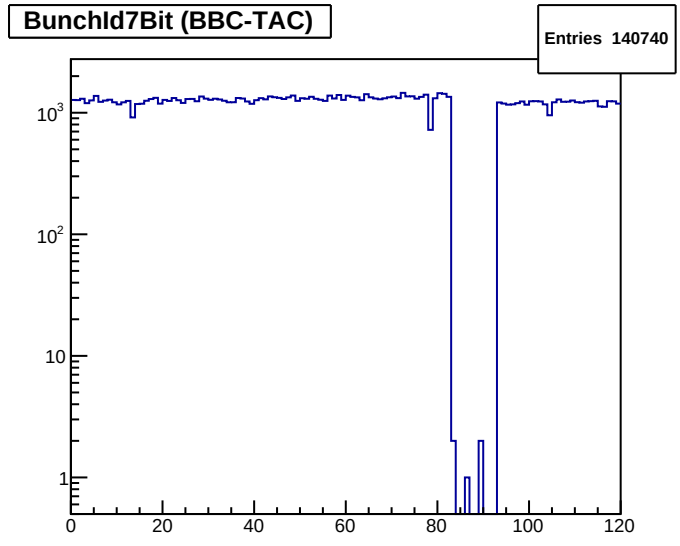
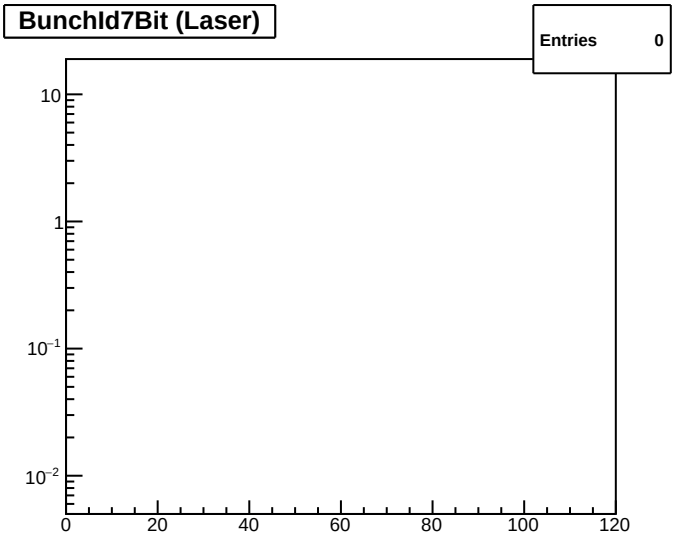
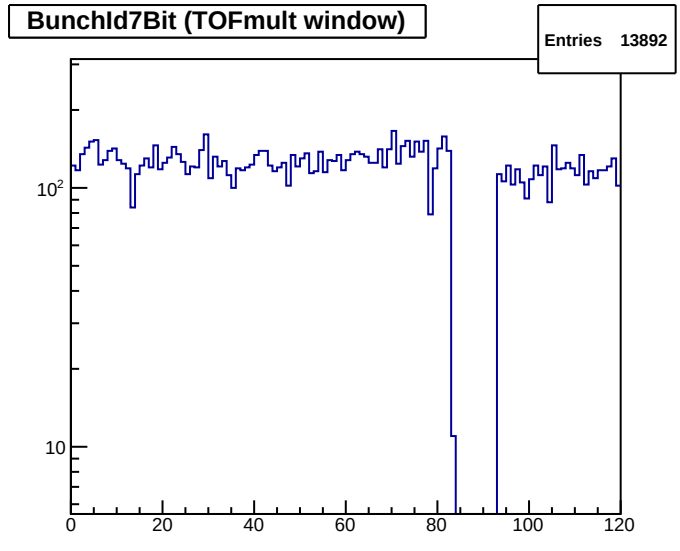

BunchId7Bit (VPD-TAC)
Entries 205623

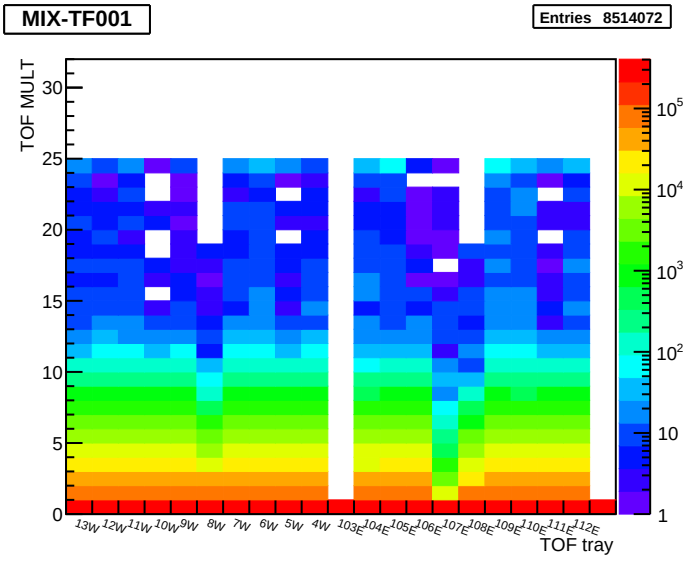

BunchId7Bit (ZDC-TAC)
Entries 782

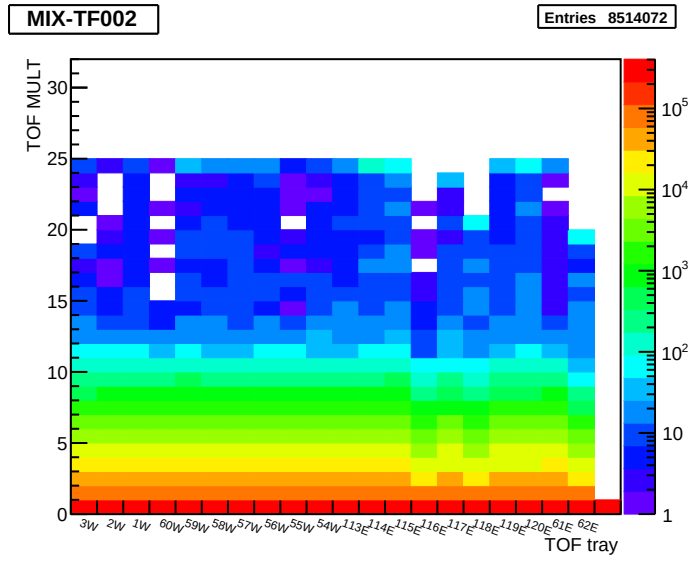

BunchId7Bit (EPD-TAC)
Entries 307480

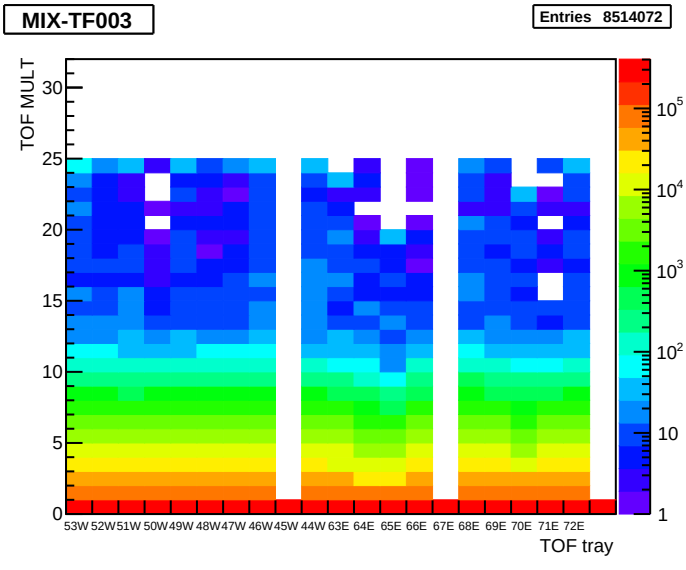

BunchId7Bit (BBC-TAC)
Entries 140740

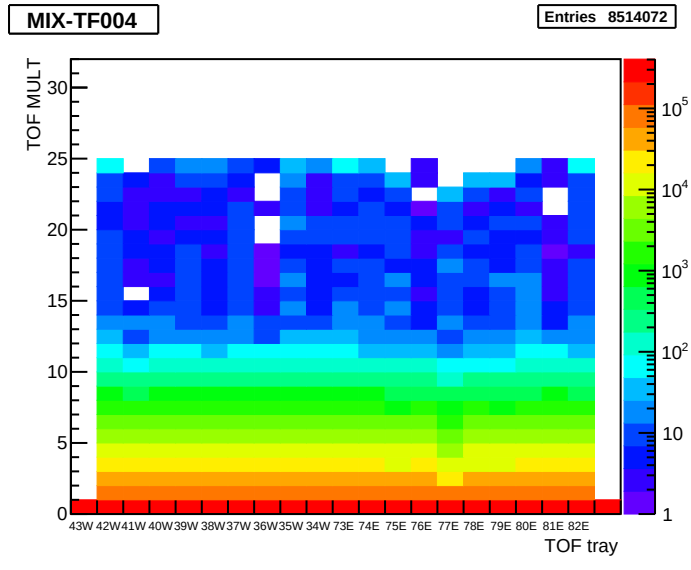

BunchId7Bit (Laser)
Entries 0

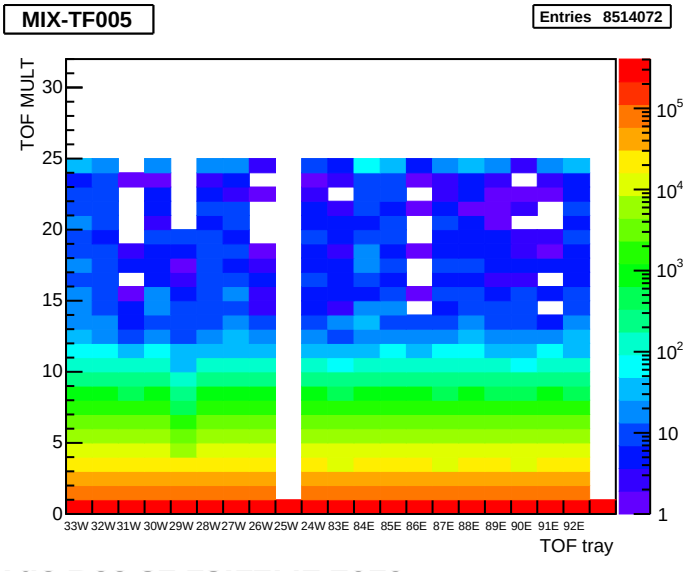

BunchId7Bit (TOFmult window)
Entries 13892

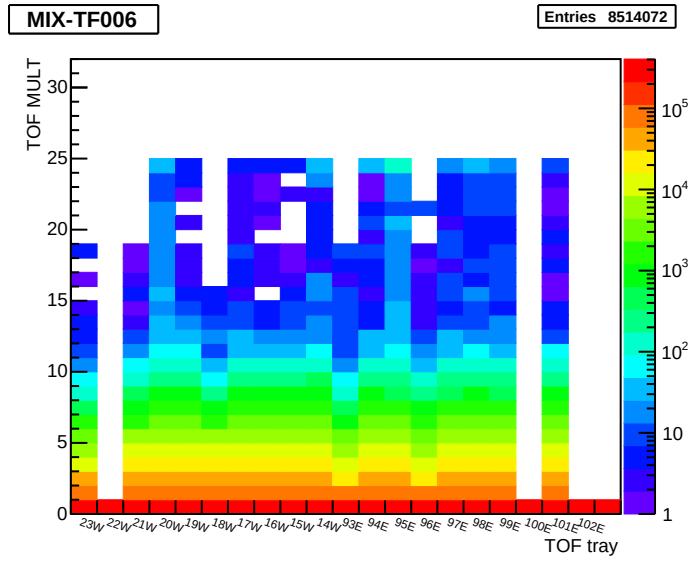

MIX-TF001
Entries 8514072
TOF MULT
TOF tray

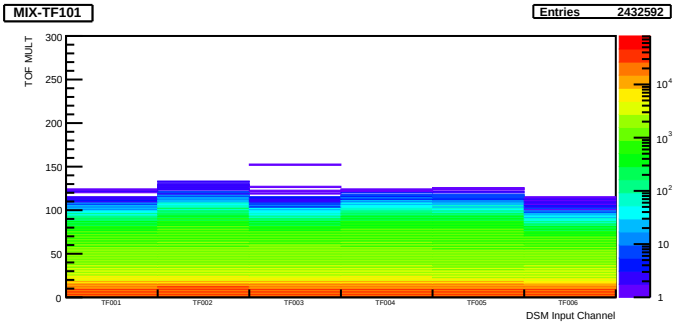

MIX-TF002
Entries 8514072
TOF MULT
TOF tray

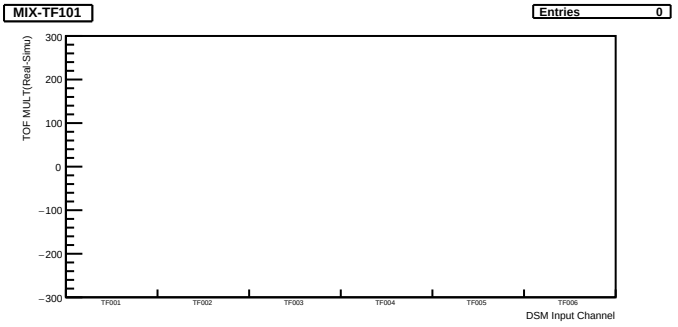

MIX-TF003
Entries 8514072
TOF MULT
TOF tray

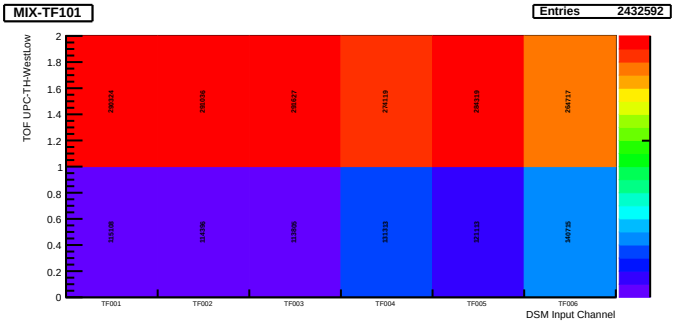

MIX-TF004
Entries 8514072
TOF MULT
TOF tray

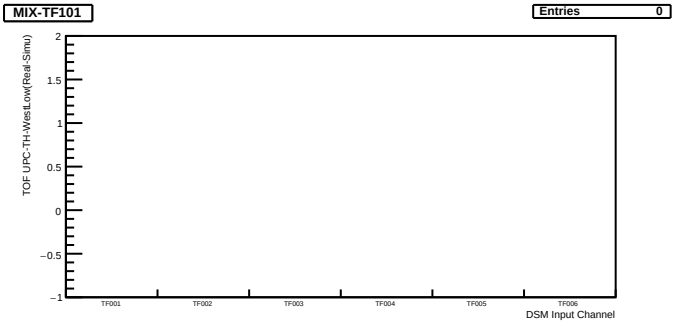

MIX-TF005
Entries 8514072
TOF MULT
TOF tray

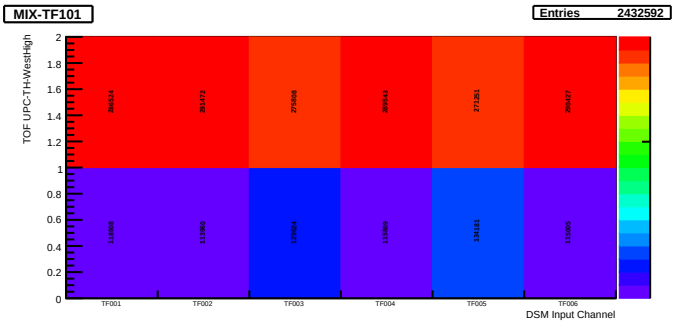

MIX-TF006
Entries 8514072
TOF MULT
TOF tray

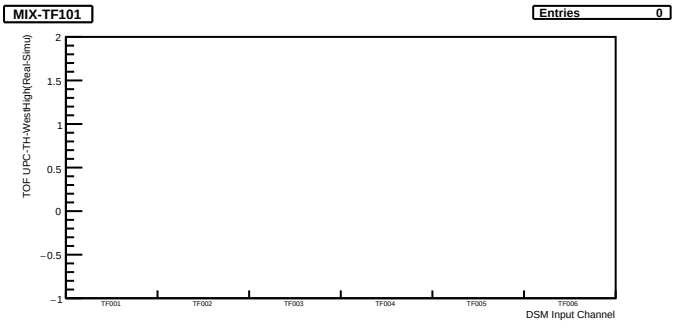

MIX-TF101
Entries 2432592
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

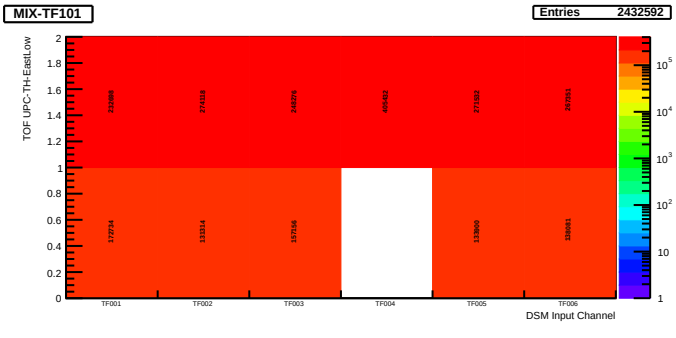

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

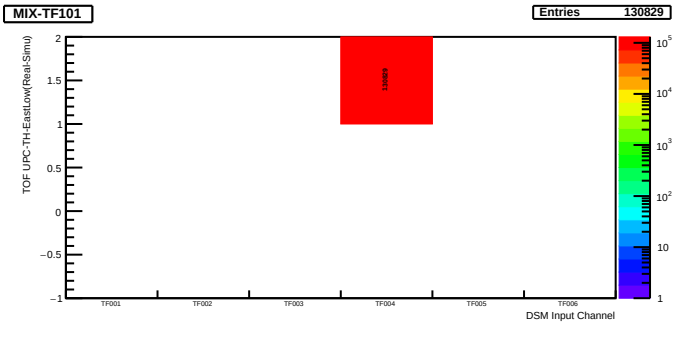

MIX-TF101
Entries 2432592
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

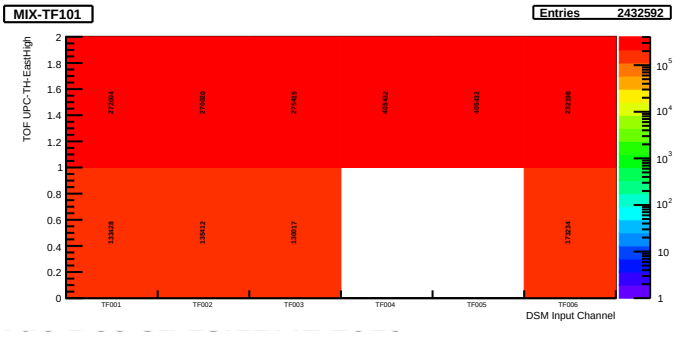

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

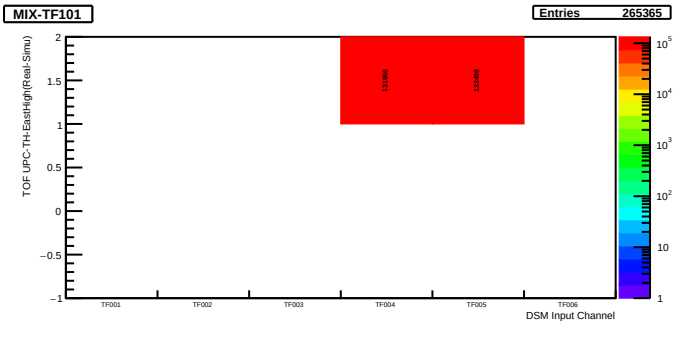

MIX-TF101
Entries 2432592
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

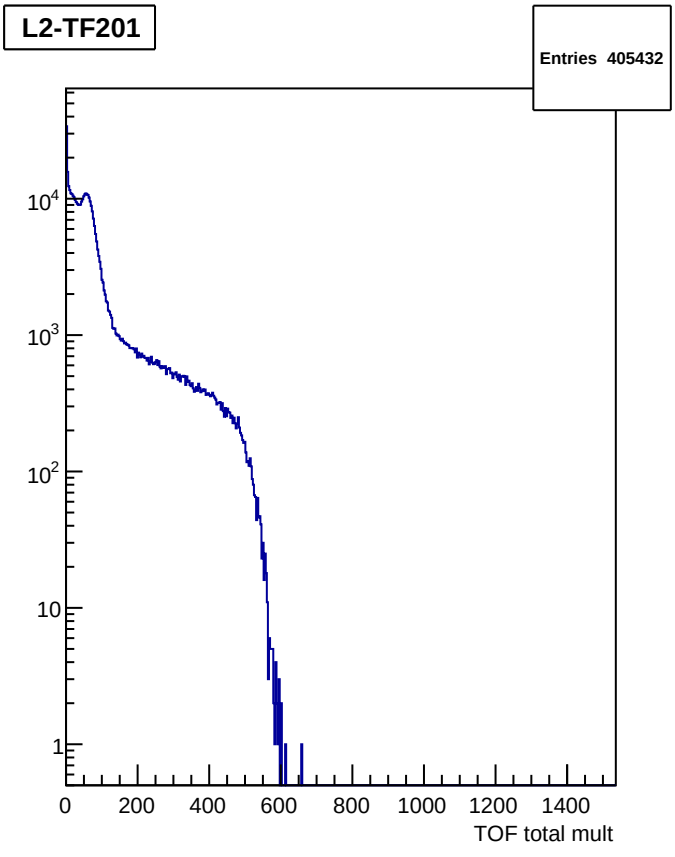

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

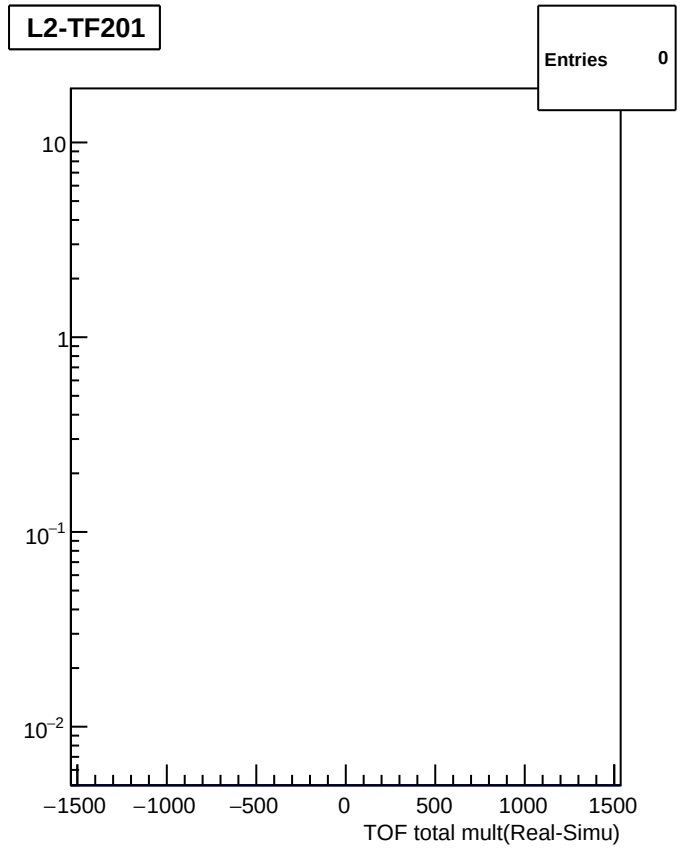

MIX-TF101
Entries 2432592
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

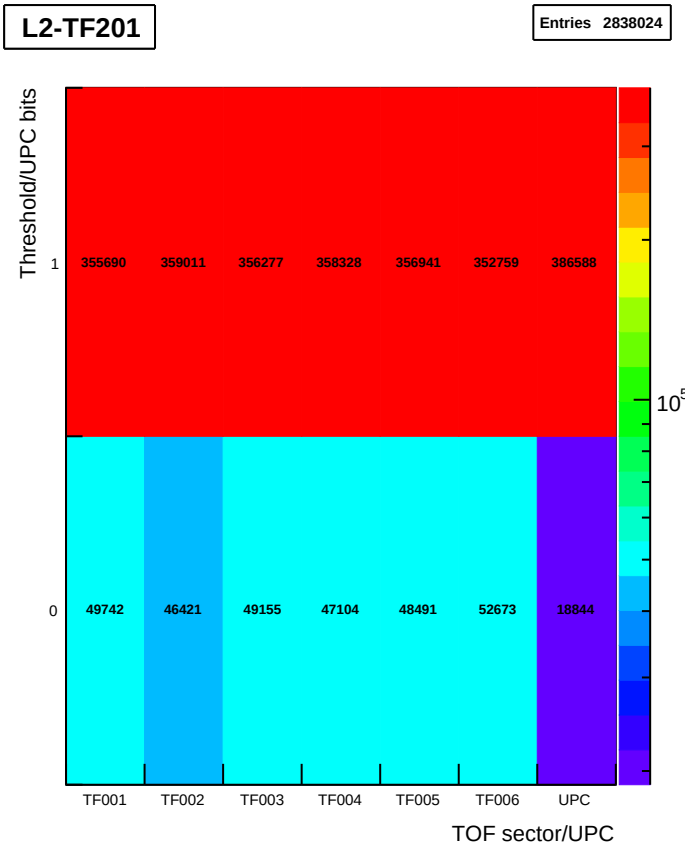

MIX-TF101
Entries 130829
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

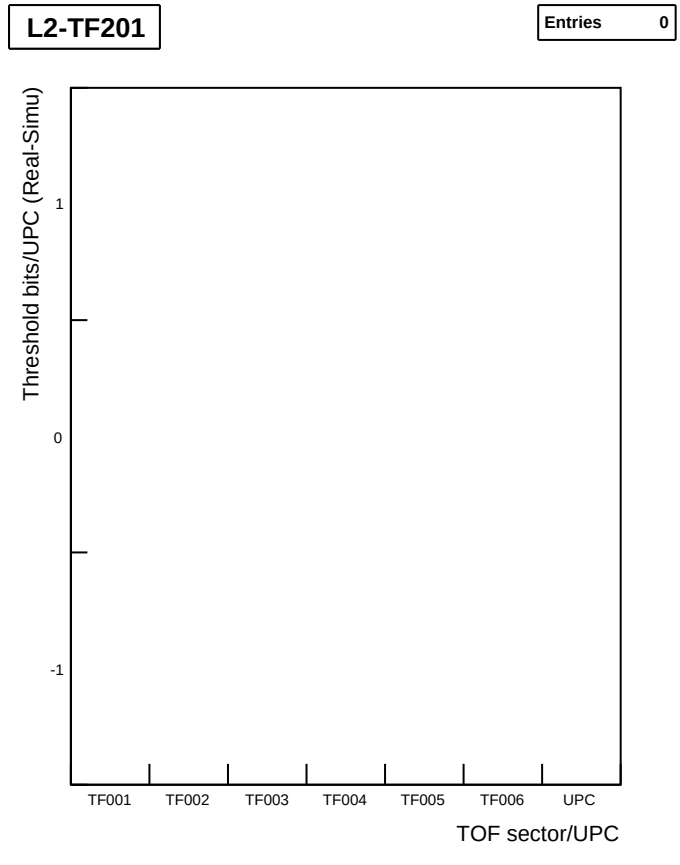

MIX-TF101
Entries 2432592
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

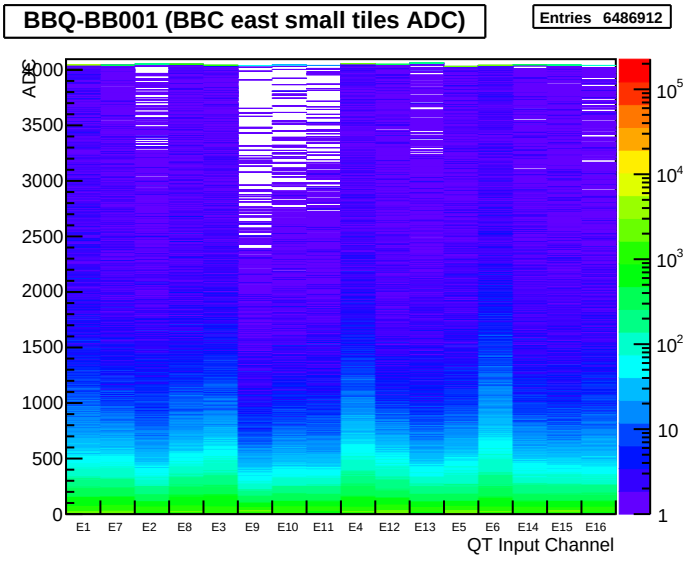

MIX-TF101
Entries 265365
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

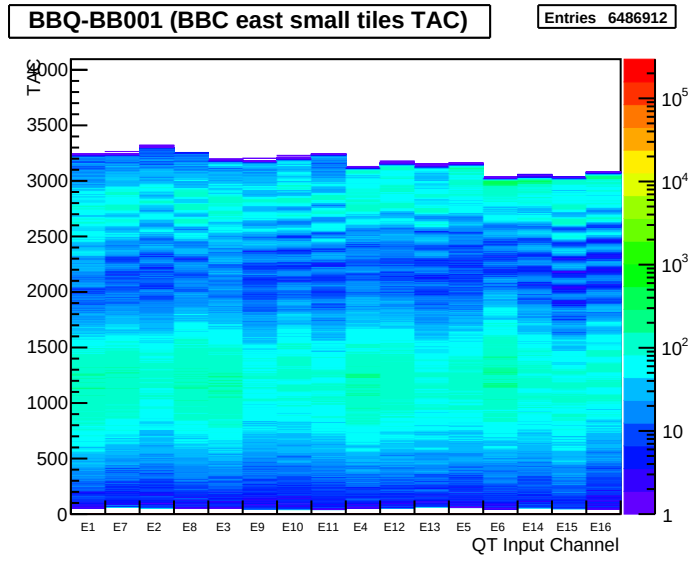

L2-TF201
Entries 405432
TOF total mult

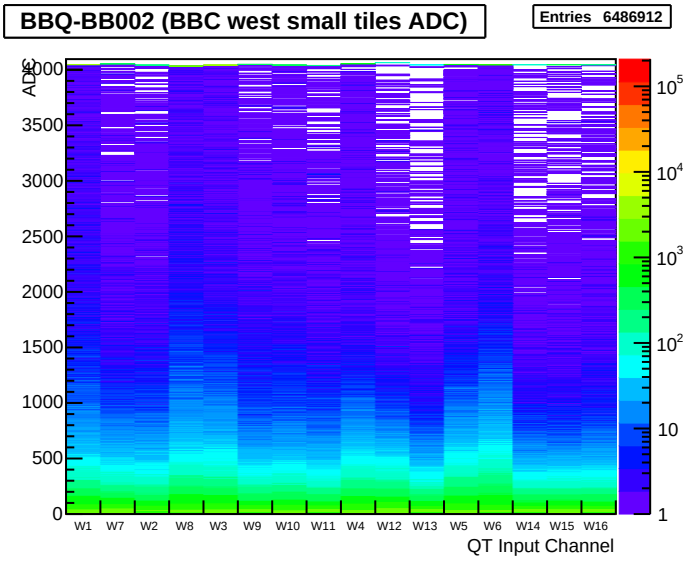

L2-TF201
Entries 0
TOF total mult(Real-Simu)

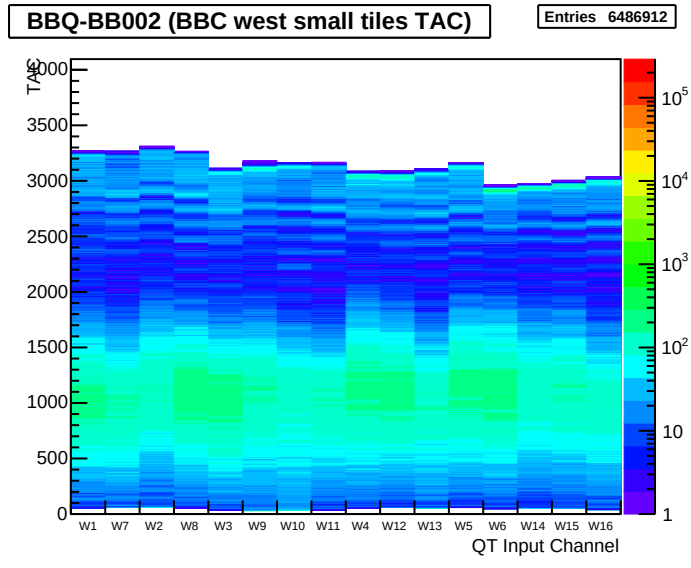

L2-TF201
Entries 2838024
Threshold/UPC bits
355690
359011
356277
358328
356941
352759
386588
49742
46421
49155
47104
48491
52673
18844
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

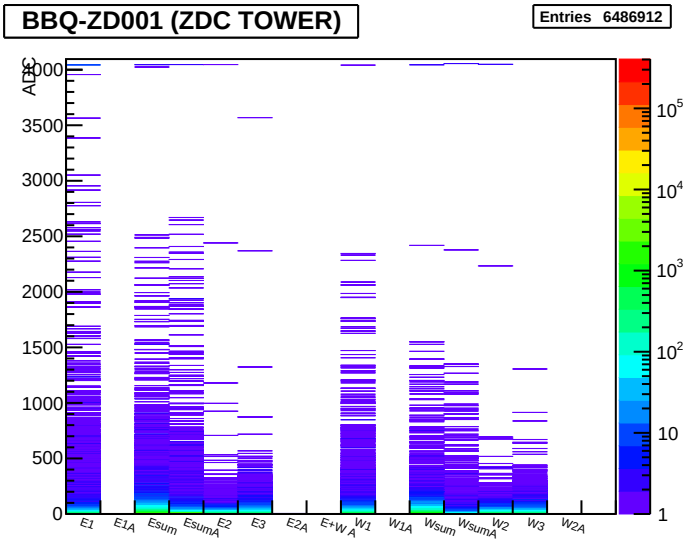

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

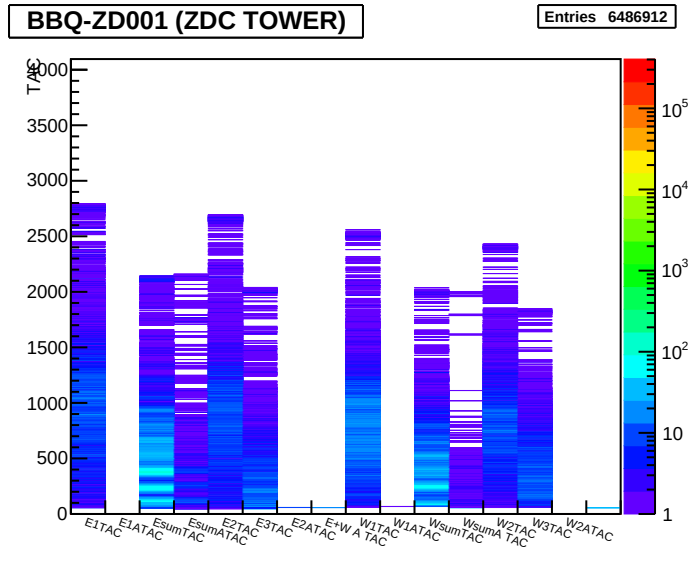

BBQ-BB001 (BBC east small tiles ADC)
Entries 6486912
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

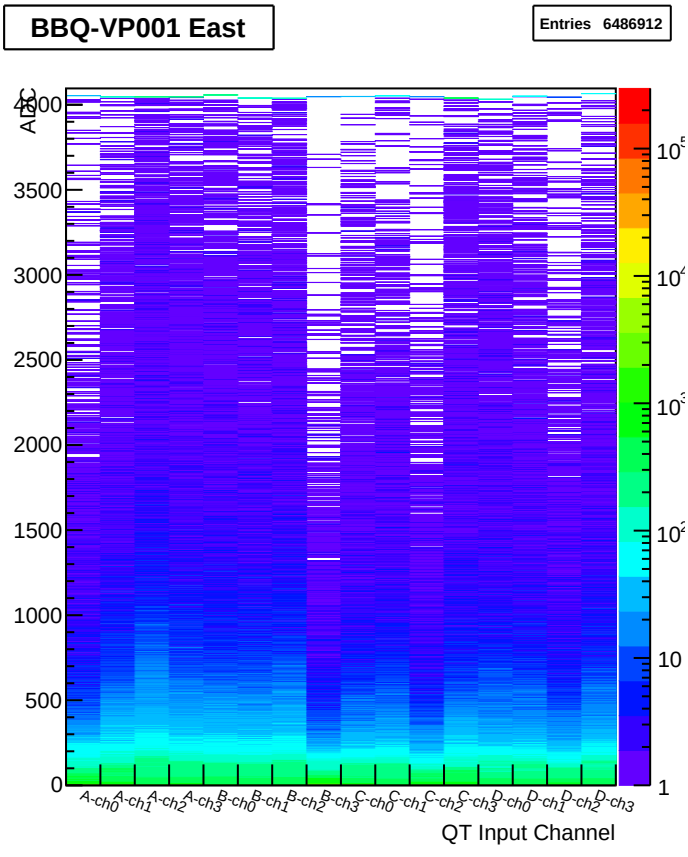

BBQ-BB001 (BBC east small tiles TAC)
Entries 6486912
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

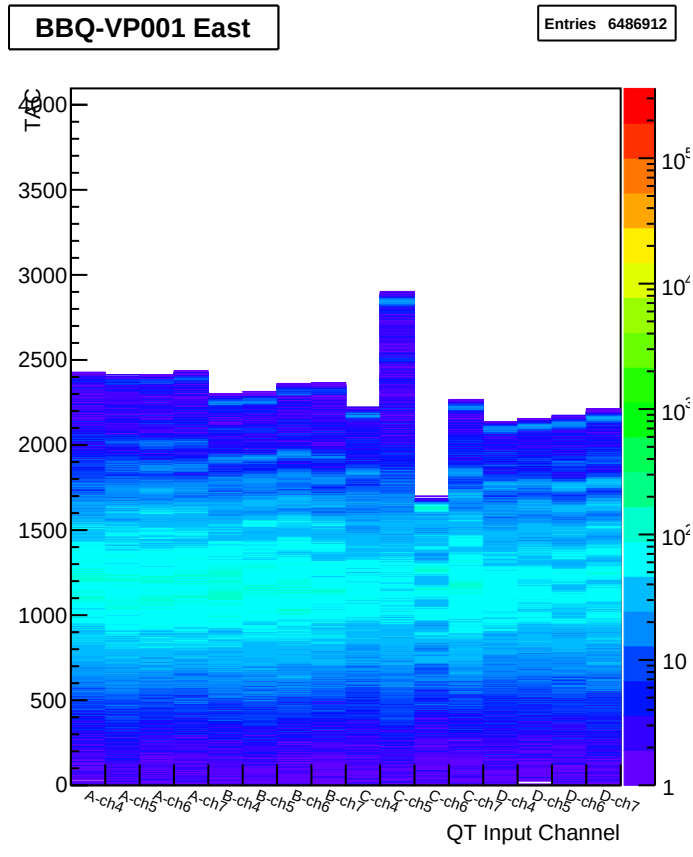

BBQ-BB002 (BBC west small tiles ADC)
Entries 6486912
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

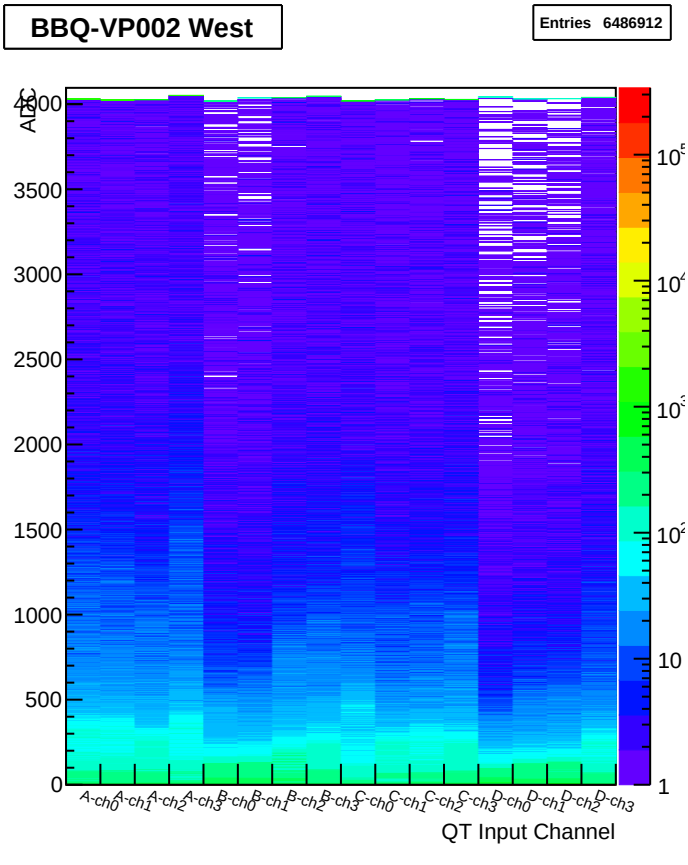

BBQ-BB002 (BBC west small tiles TAC)
Entries 6486912
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

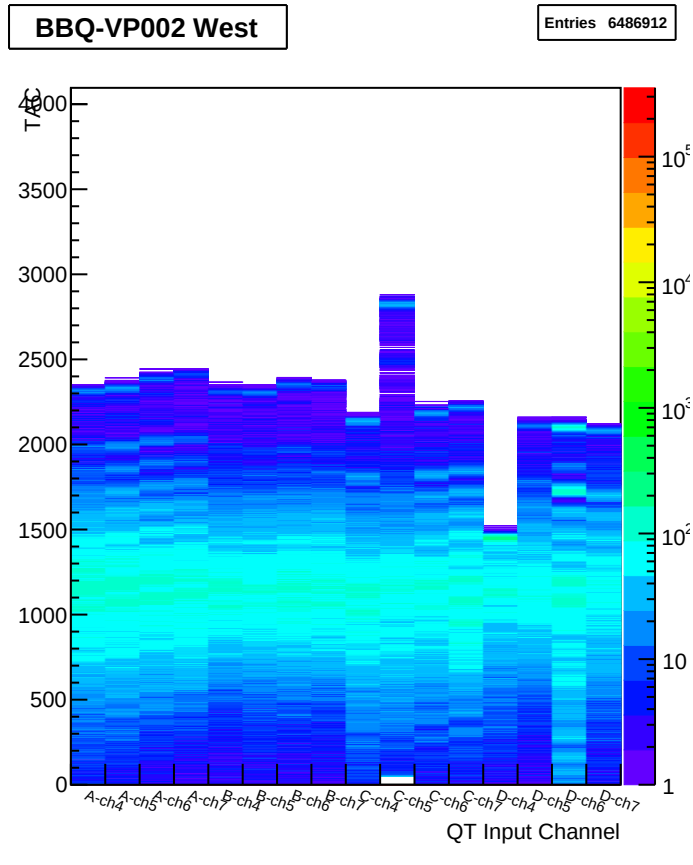

BBQ-ZD001 (ZDC TOWER)
Entries 6486912
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

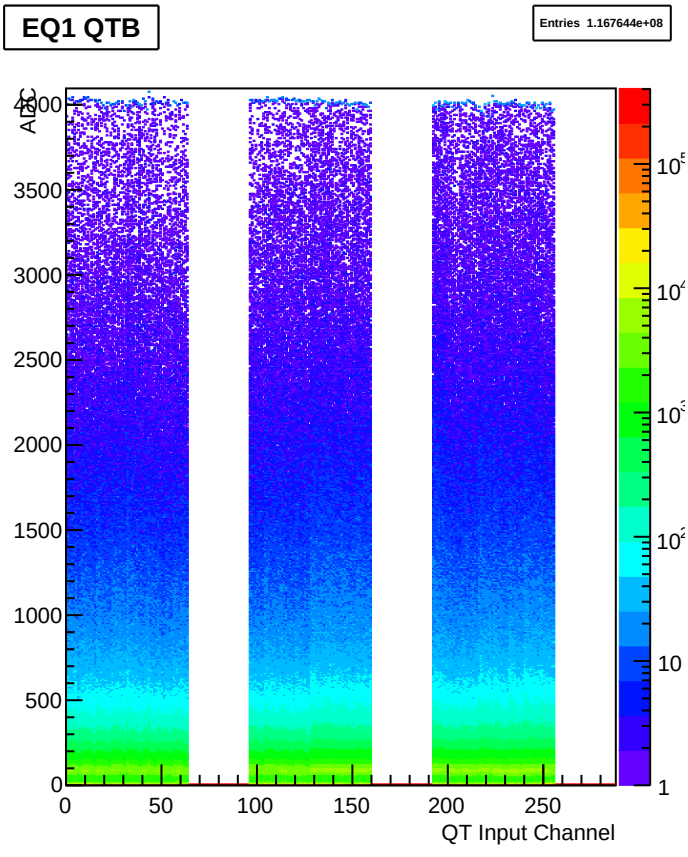

BBQ-ZD001 (ZDC TOWER)
Entries 6486912
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

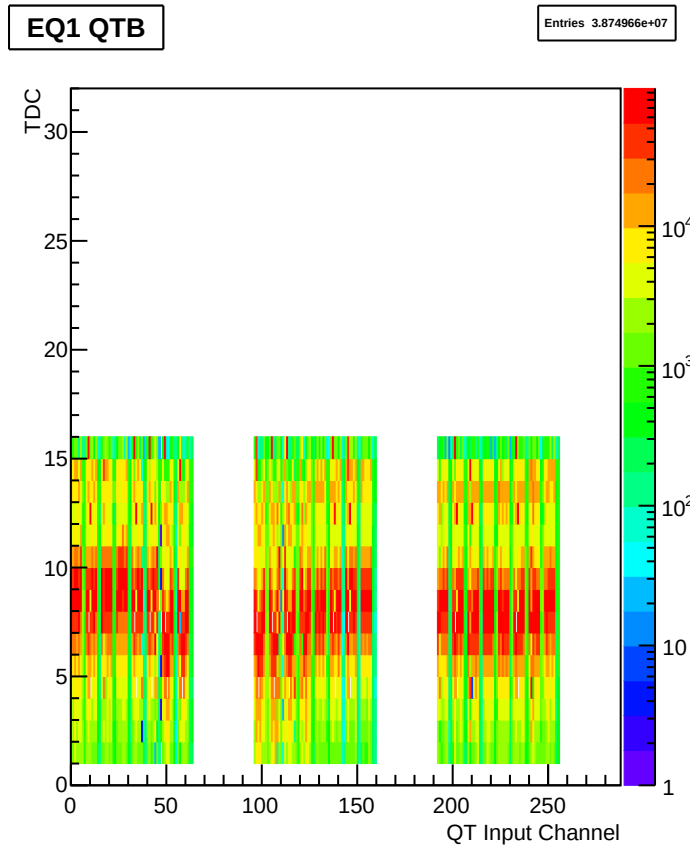

BBQ-VP001 East
Entries 6486912
ADC
QT Input Channel

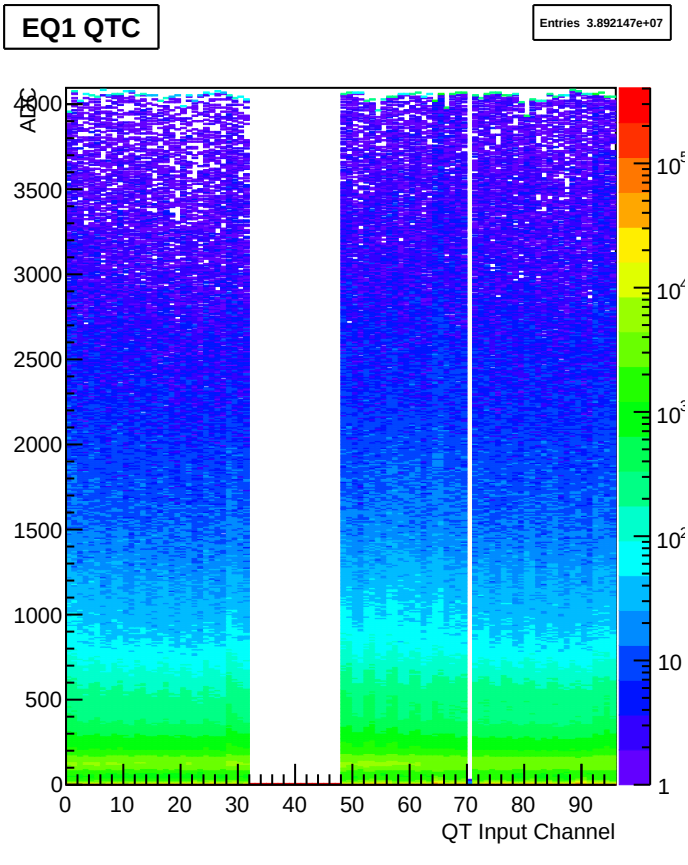

BBQ-VP001 East
Entries 6486912
TADC
QT Input Channel

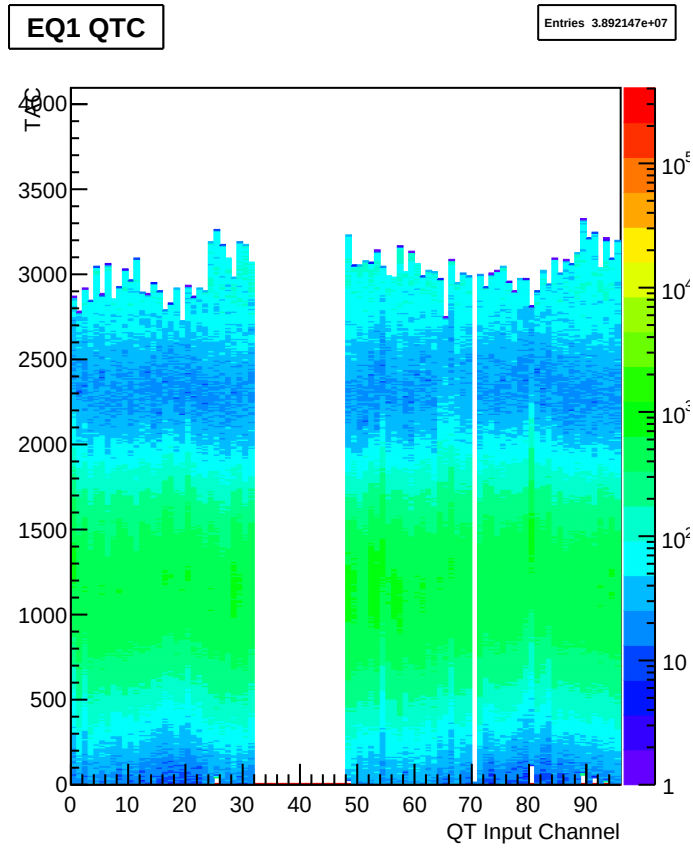

BBQ-VP002 West
Entries 6486912
ADC
QT Input Channel

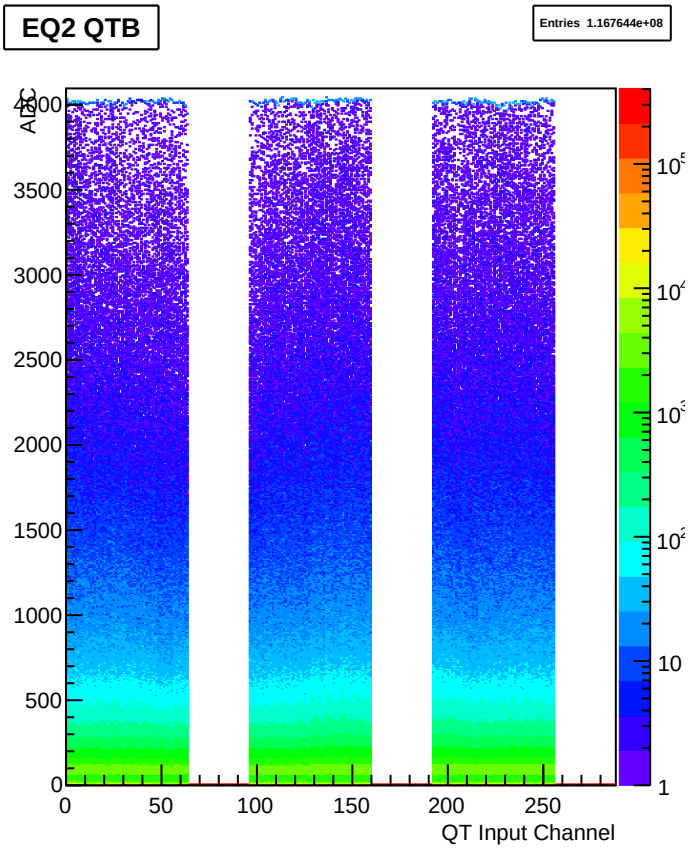

BBQ-VP002 West
Entries 6486912
TADC
QT Input Channel

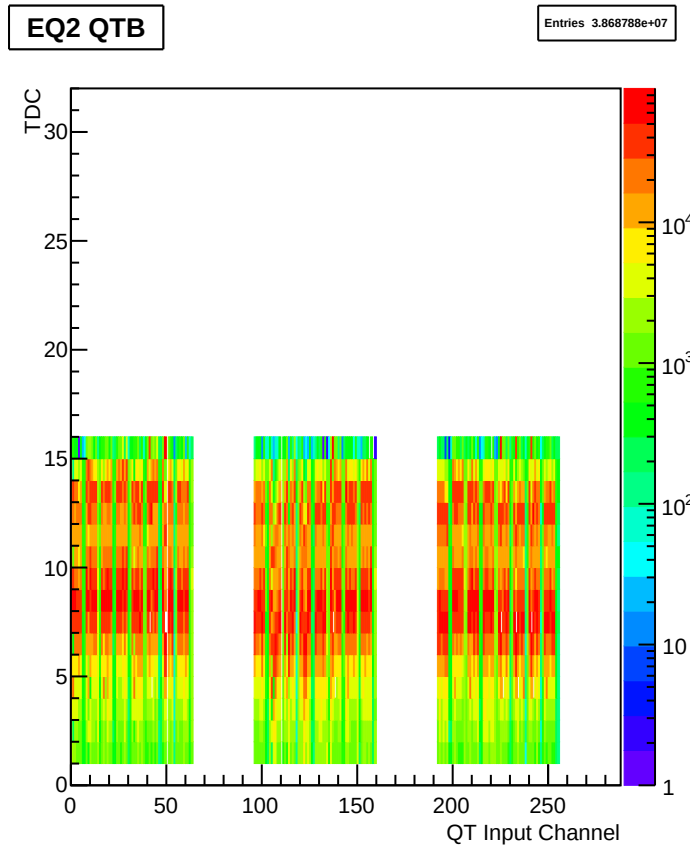

EQ1 QTB
Entries 1.167644e+08
ADC
QT Input Channel

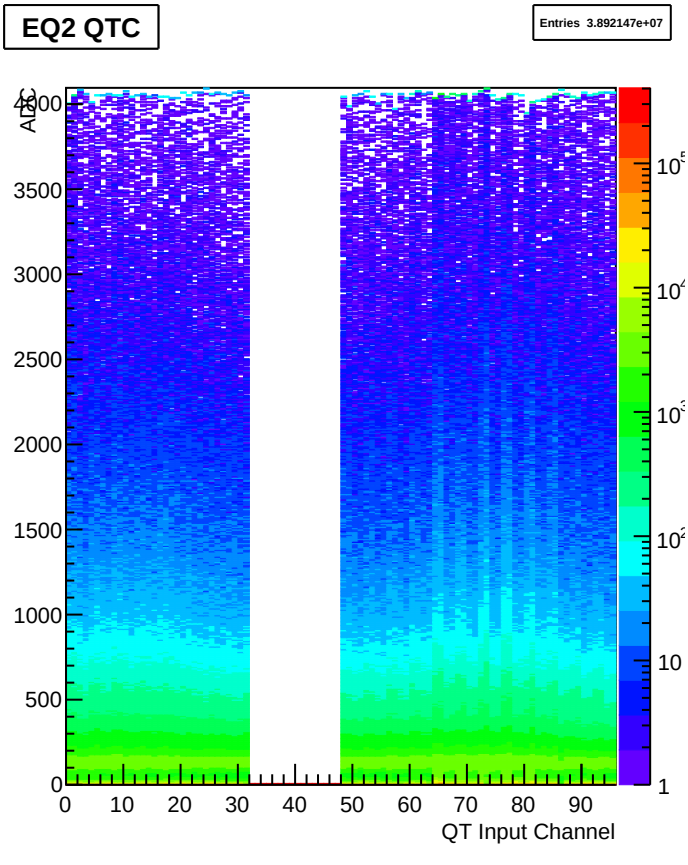

EQ1 QTB
Entries 3.874966e+07
TDC
QT Input Channel

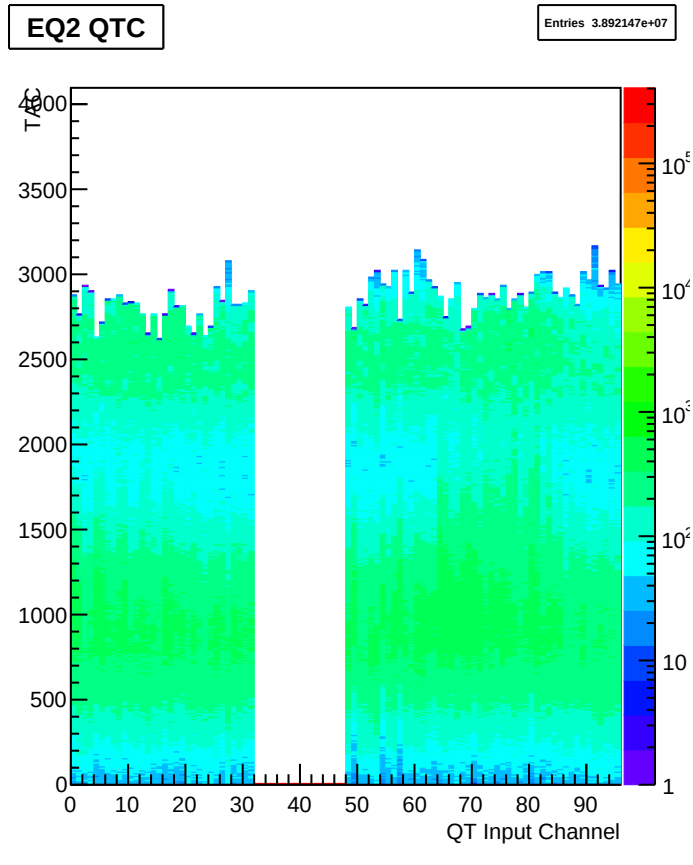

EQ1 QTC
Entries 3.892147e+07
ADC
QT Input Channel

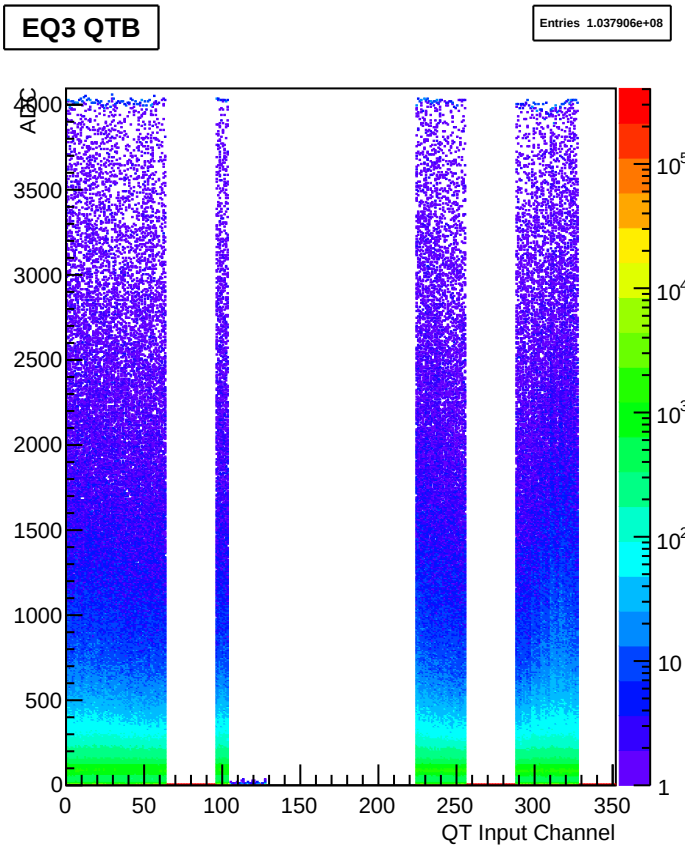

EQ1 QTC
Entries 3.892147e+07
TADC
QT Input Channel

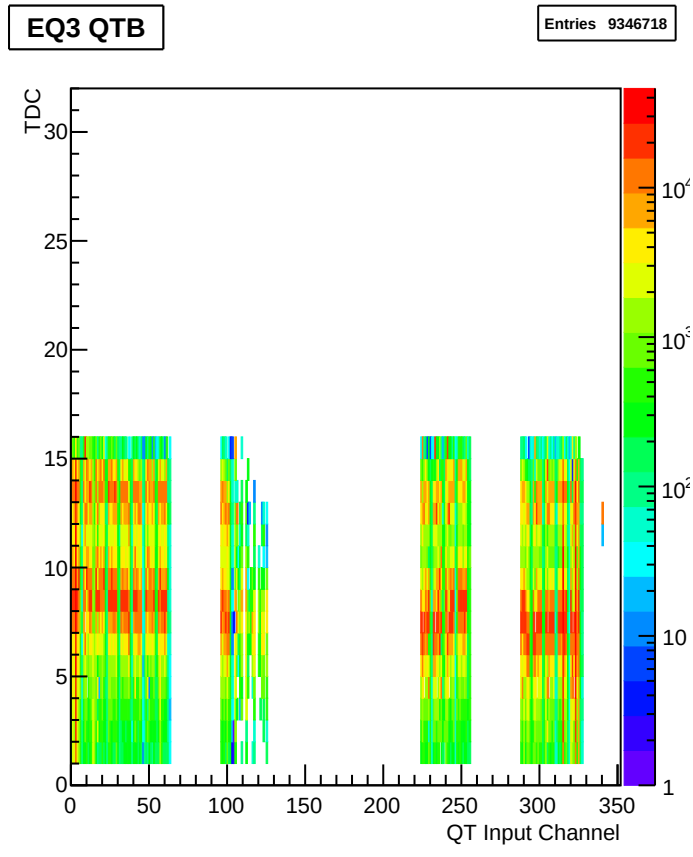

EQ2 QTB
Entries 1.167644e+08
ADC
QT Input Channel

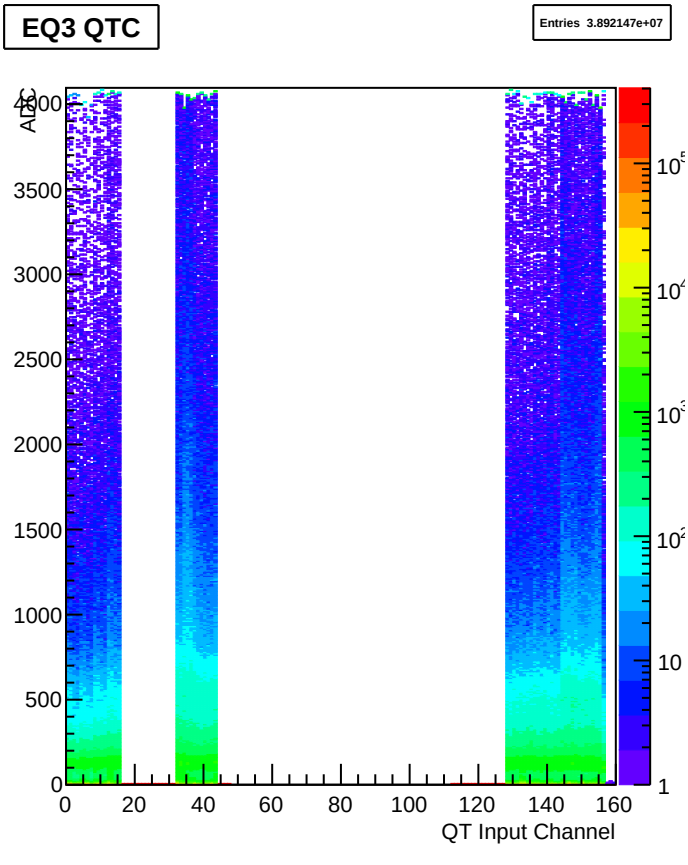

EQ2 QTB
Entries 3.868788e+07
TDC
QT Input Channel

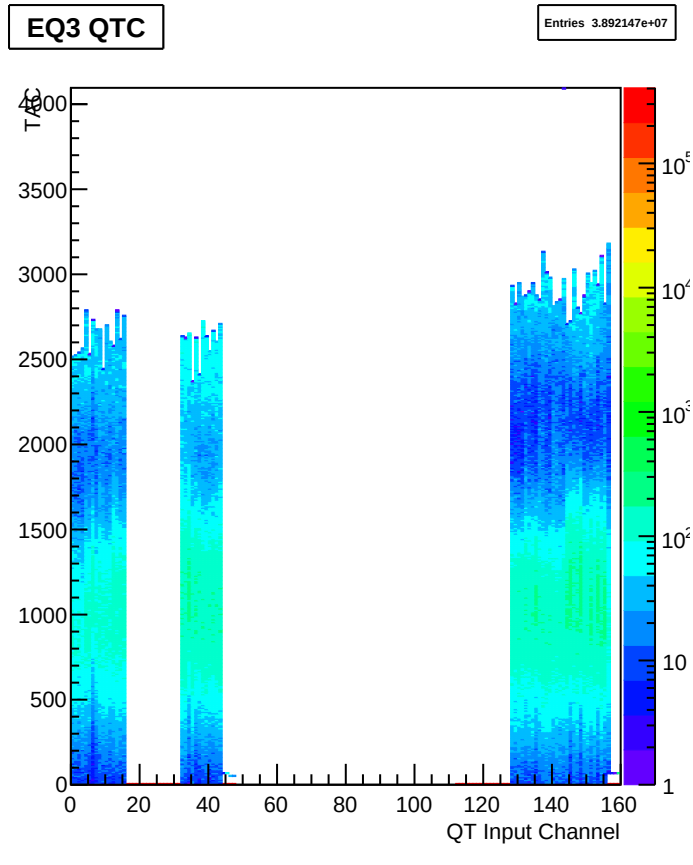

EQ2 QTC
Entries 3.892147e+07
ADC
QT Input Channel

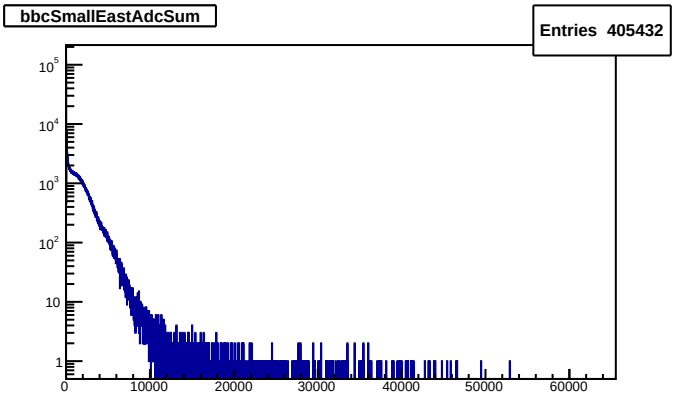

EQ2 QTC
Entries 3.892147e+07
TADC
QT Input Channel

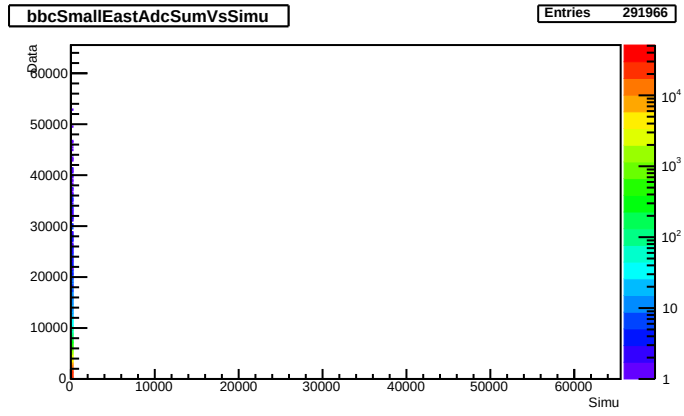

EQ3 QTB
Entries 1.037906e+08
ADC
QT Input Channel

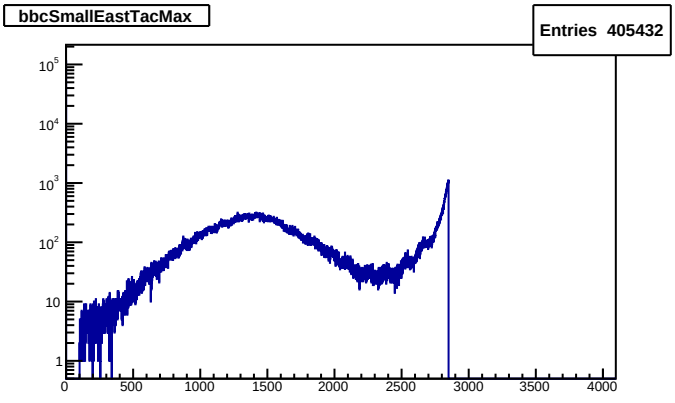

EQ3 QTB
Entries 9346718
TDC
QT Input Channel

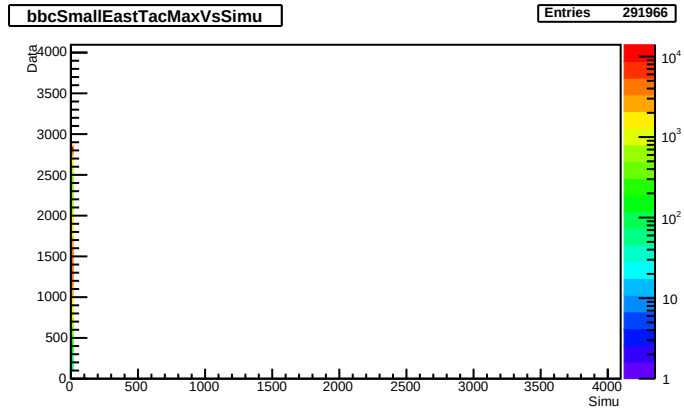

EQ3 QTC
Entries 3.892147e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.892147e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 405432


bbcSmallEastAdcSumVsSimu
Entries 291966
Data
Simu


bbcSmallEastTacMax
Entries 405432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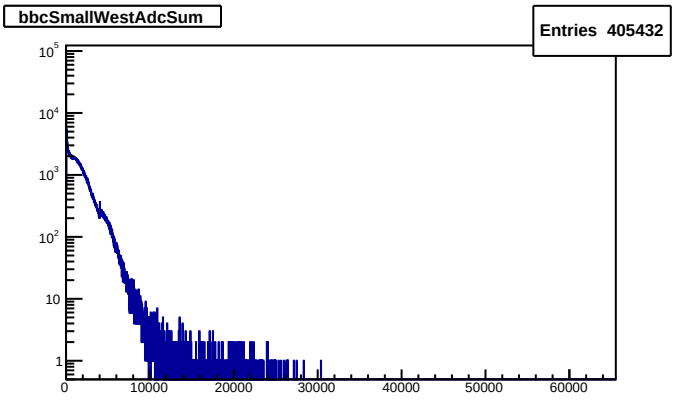
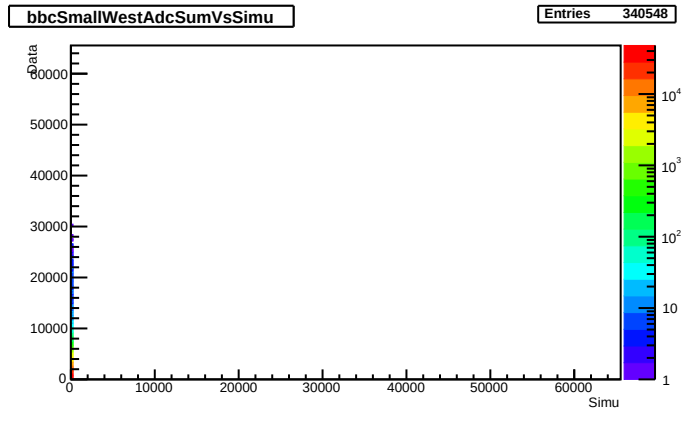
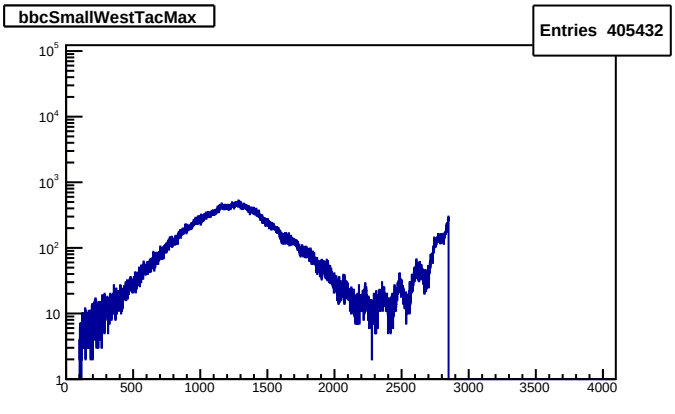
Entries 291966
Data
Simu


bbcSmallWestAdcSum
Entries 405432


bbcSmallWestAdcSumVsSimu
Entries 340548
Data
Simu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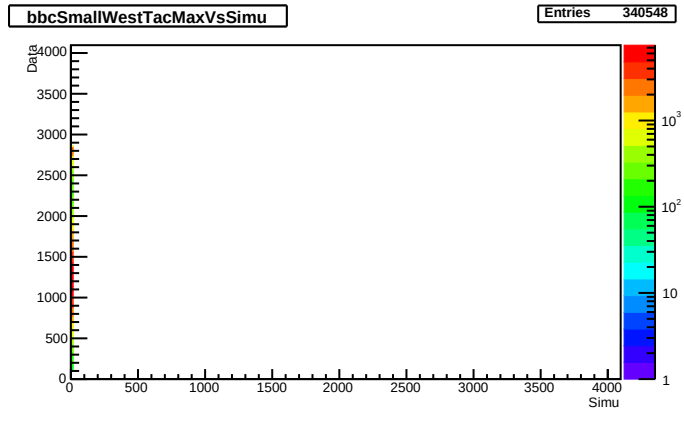
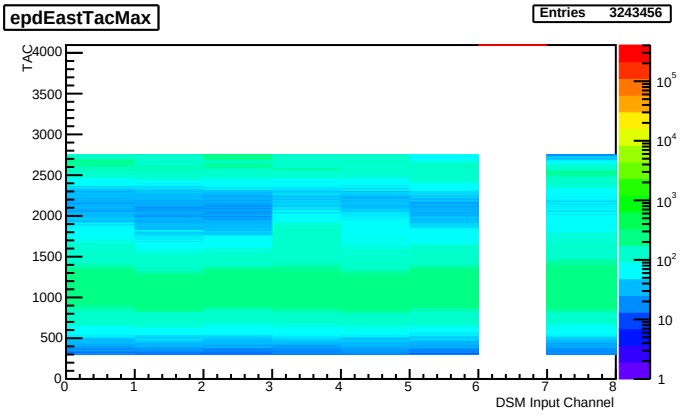
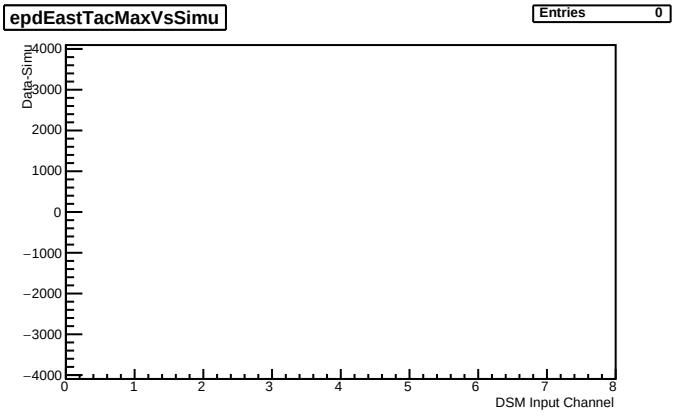
Entries 405432


bbcSmallWestTacMaxVsSimu
Entries 340548
Data
Simu


epdEastTacMax
Entries 3243456
TAC
DSM Input Channel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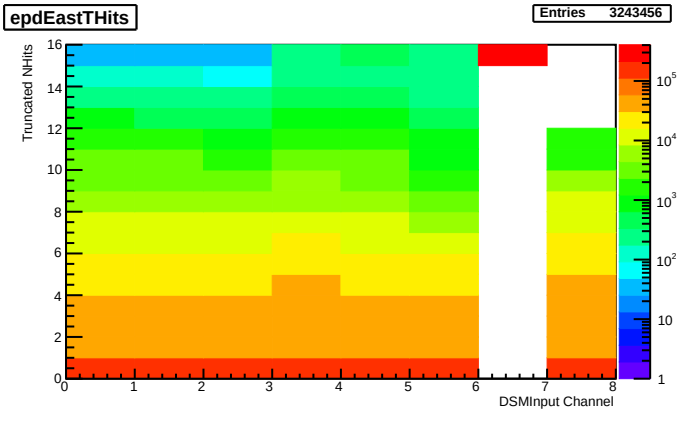
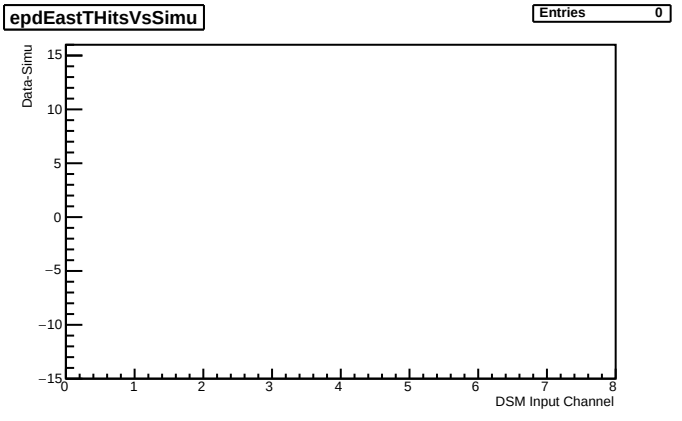
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3243456
Truncated NHits
DSMInput Channel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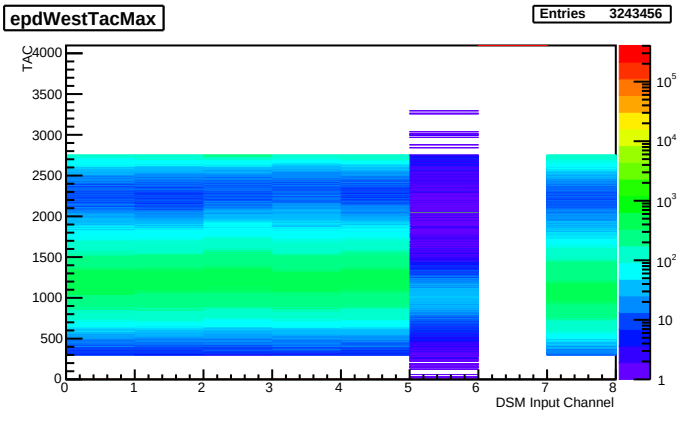
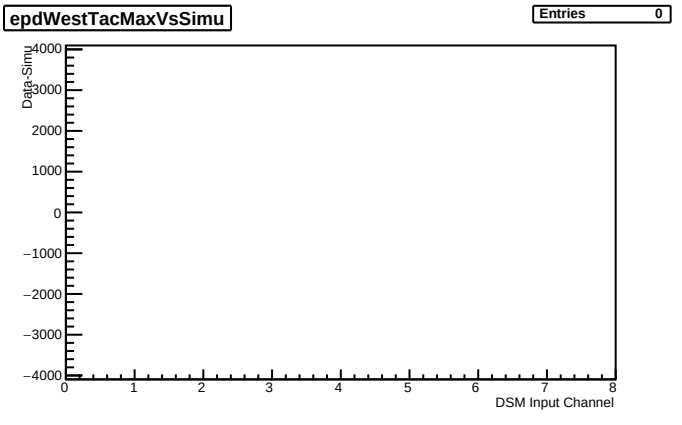
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3243456
TAC
DSM Input Channel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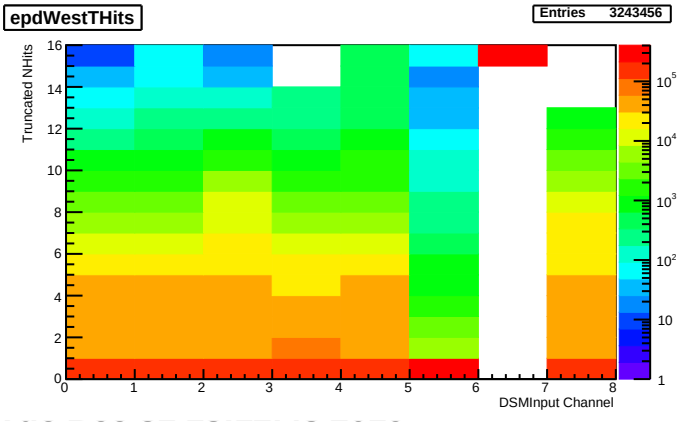
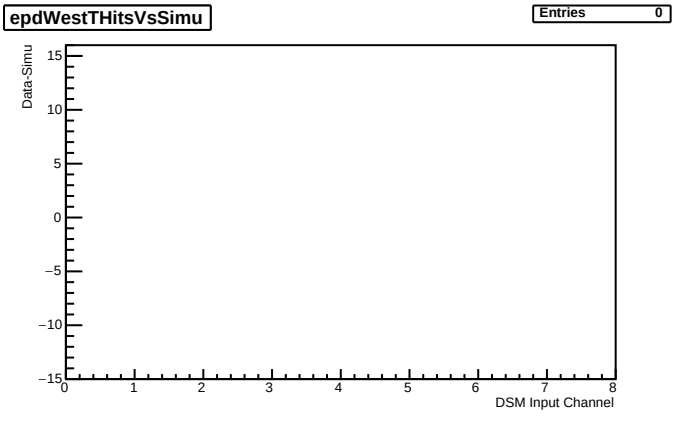
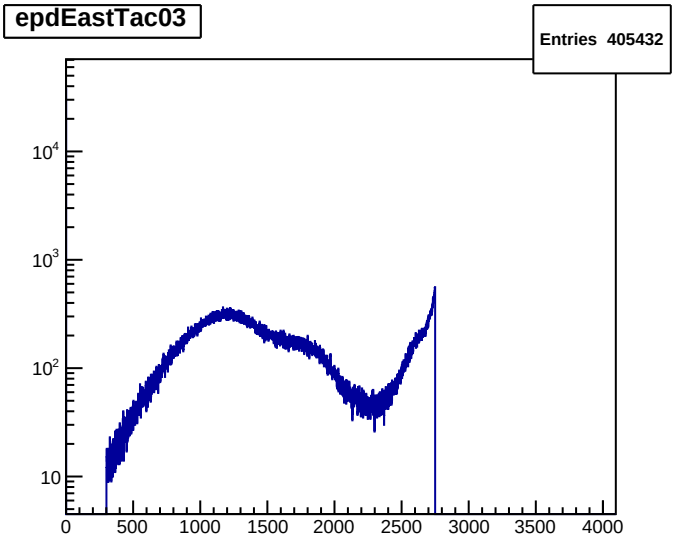
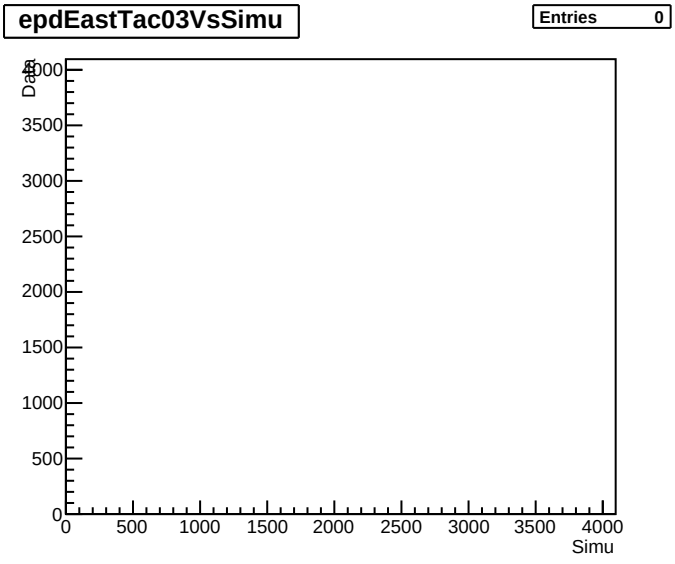
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3243456
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 405432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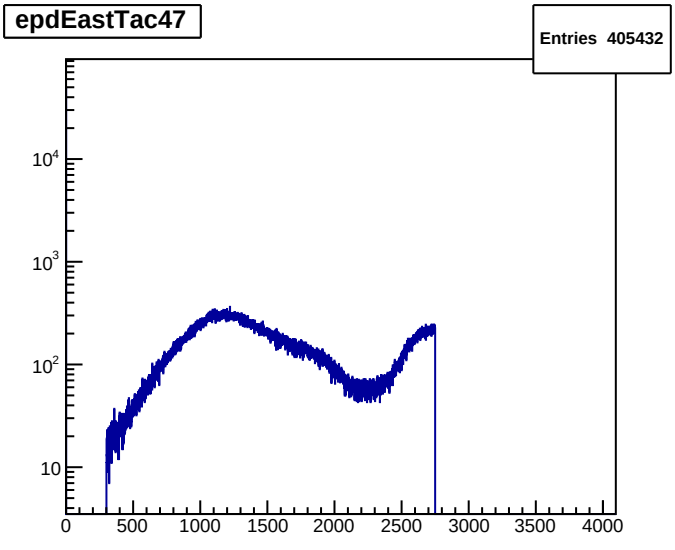
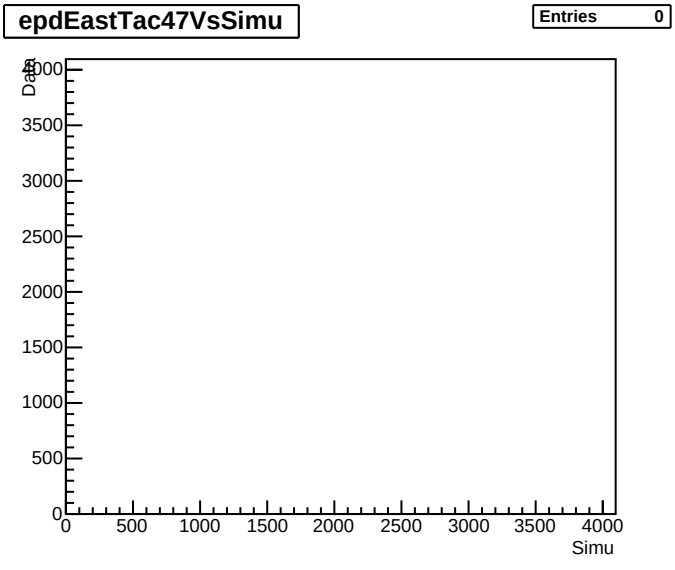
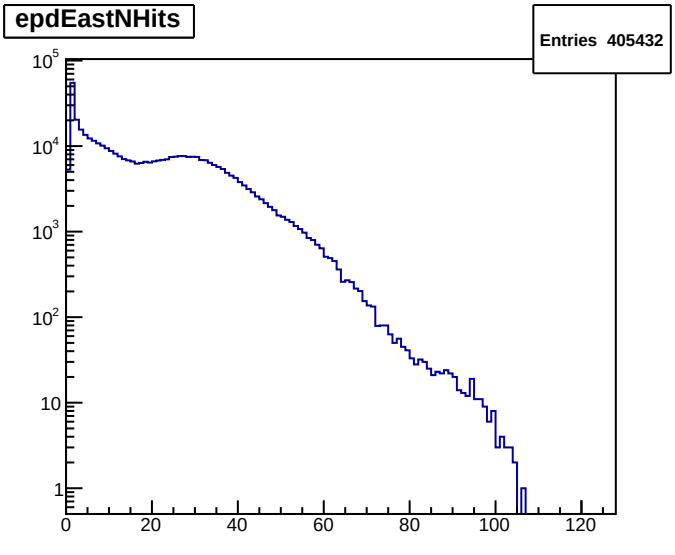
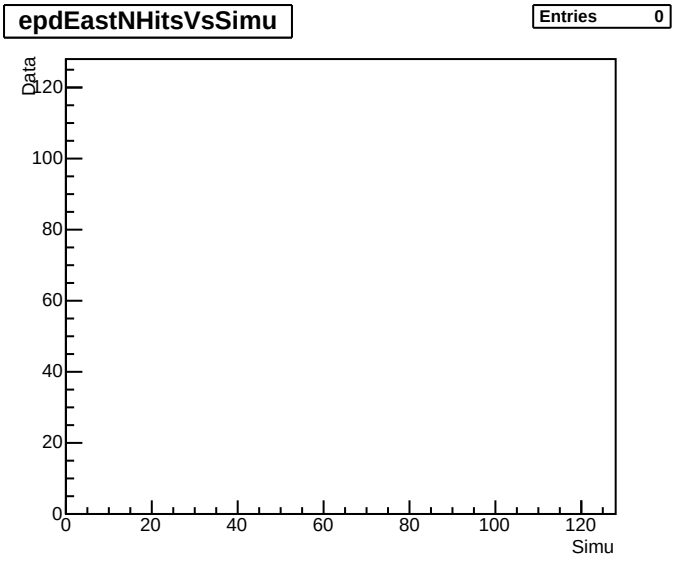
Entries 0
Data
Simu


epdEastTac47
Entries 405432


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 405432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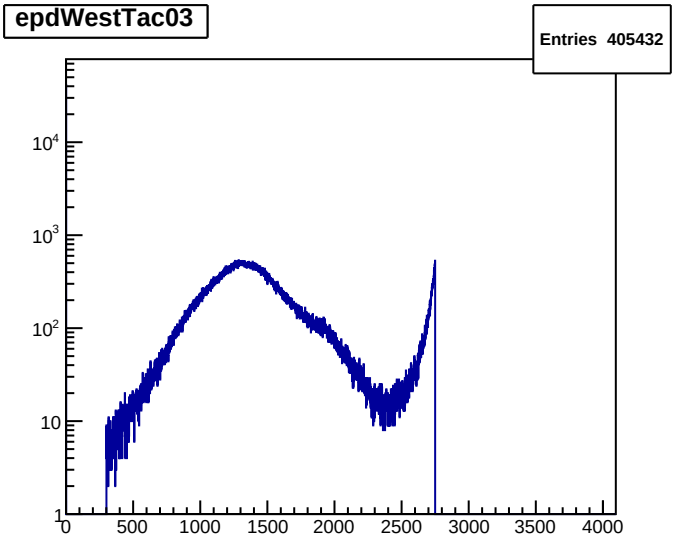
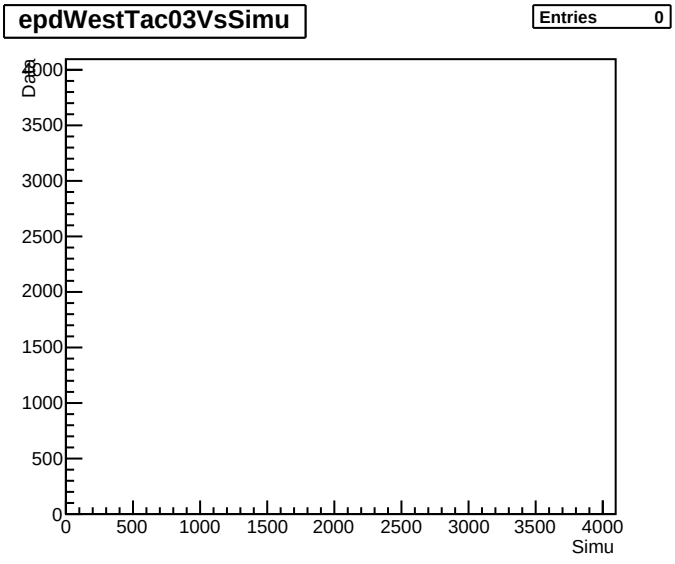
Entries 0
Data
Simu


epdWestTac03
Entries 405432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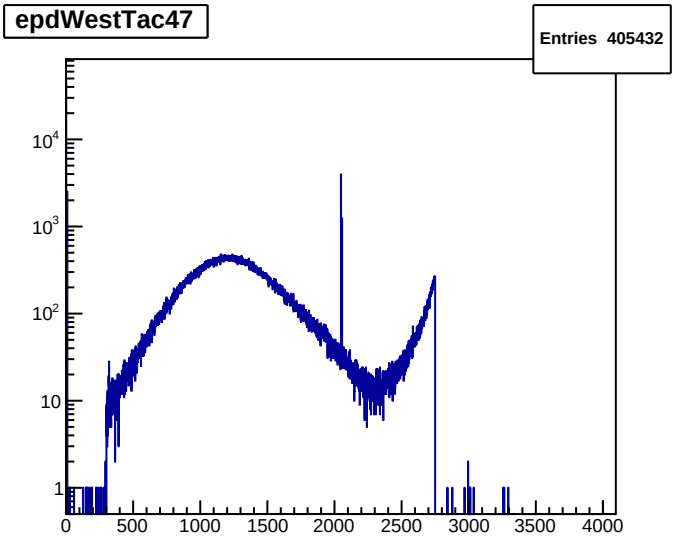
Entries 0
Data
Simu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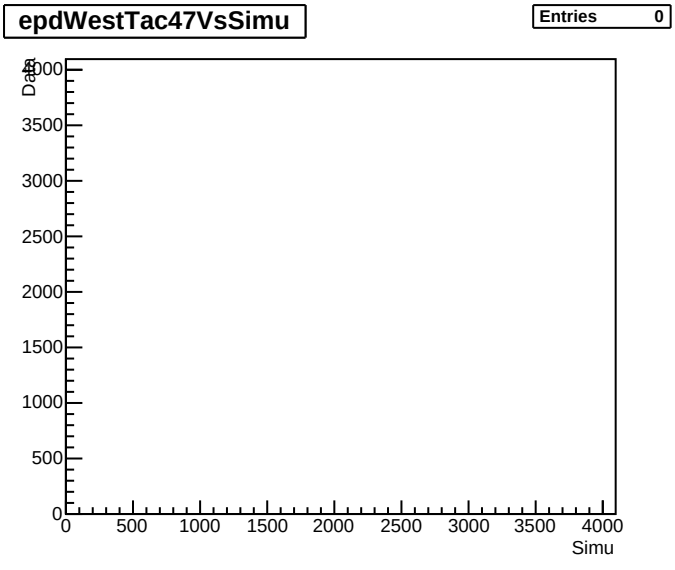
Entries 405432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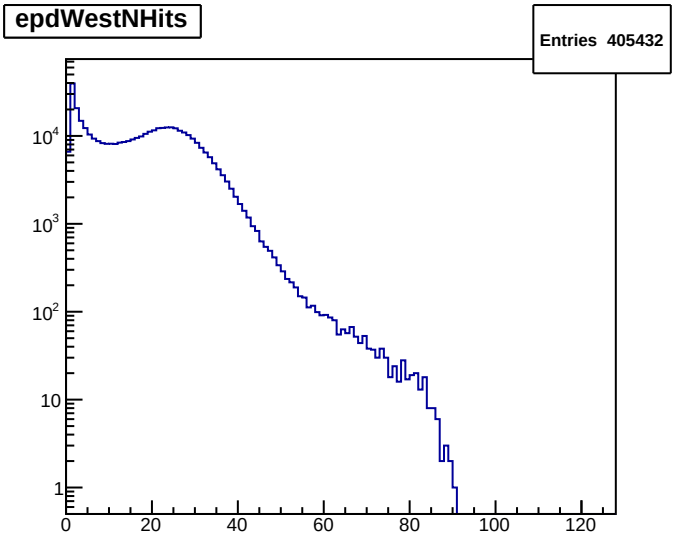
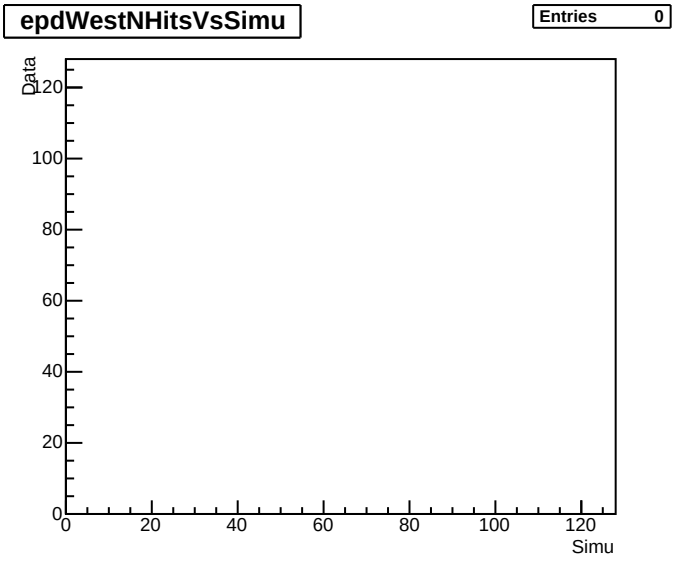
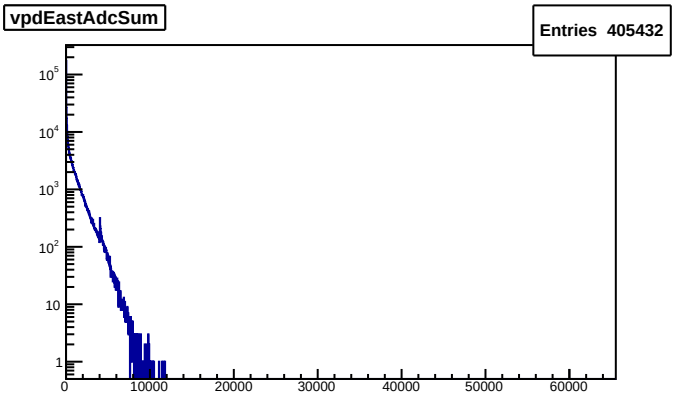
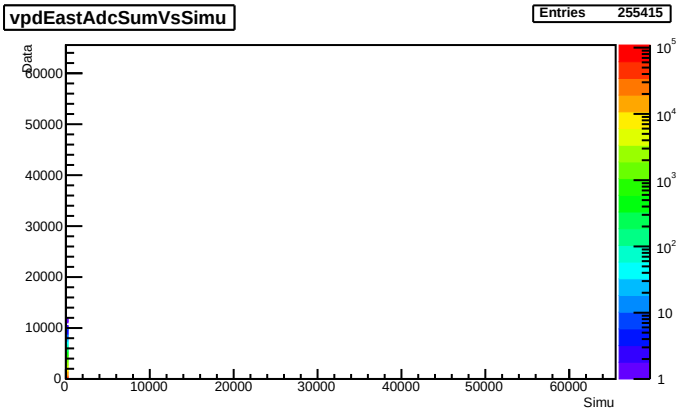
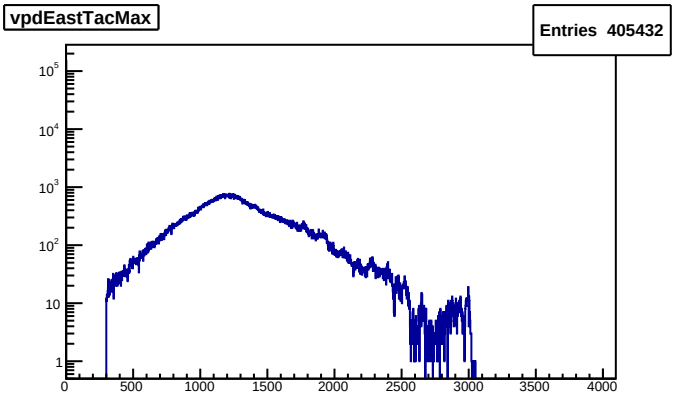
Entries 0
Data
Simu

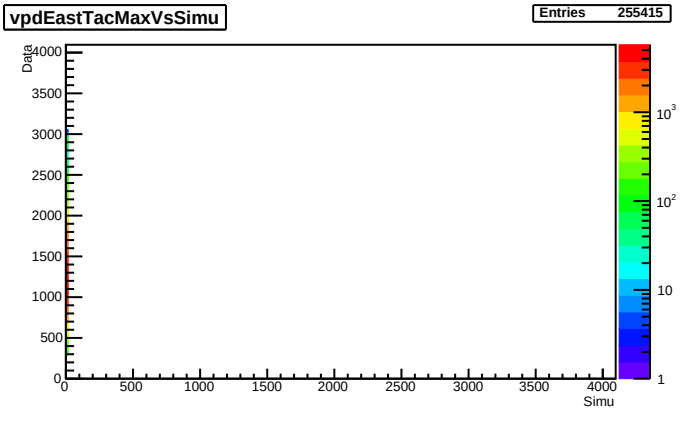

epdWestNHits
Entries 405432

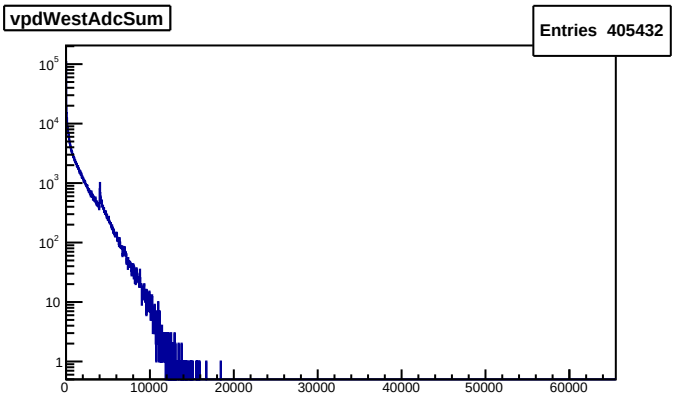

epdWestNHitsVsSimu
Entries 0
Data
Simu

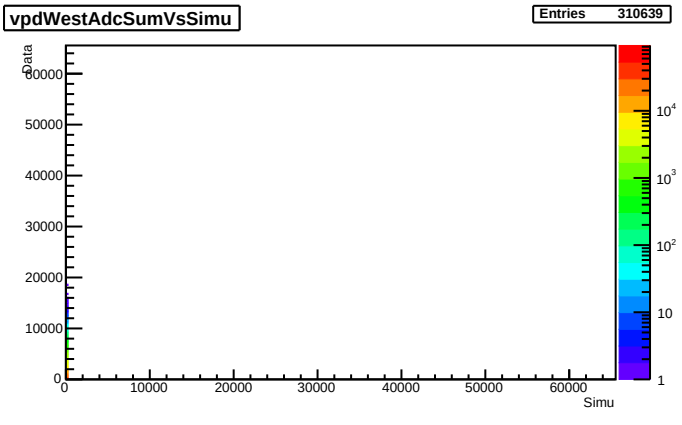

vpdEastAdcSum
Entries 405432

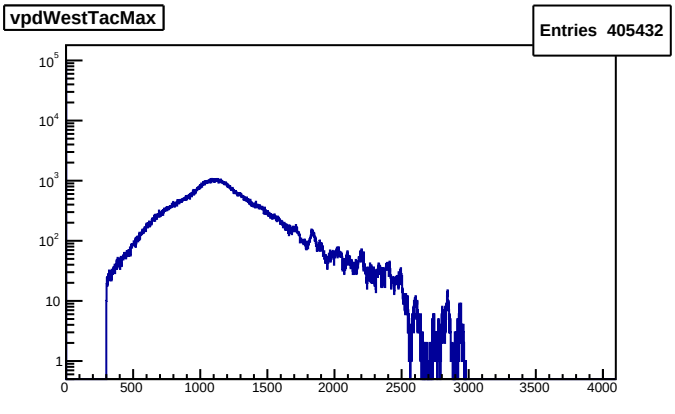

vpdEastAdcSumVsSimu
Entries 255415
Data
Simu

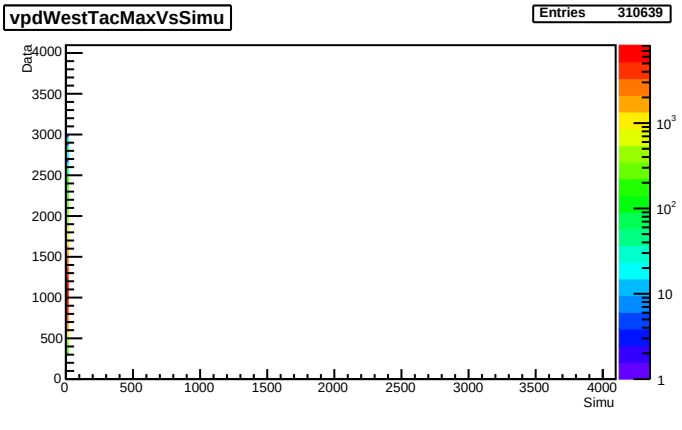

vpdEastTacMax
Entries 405432

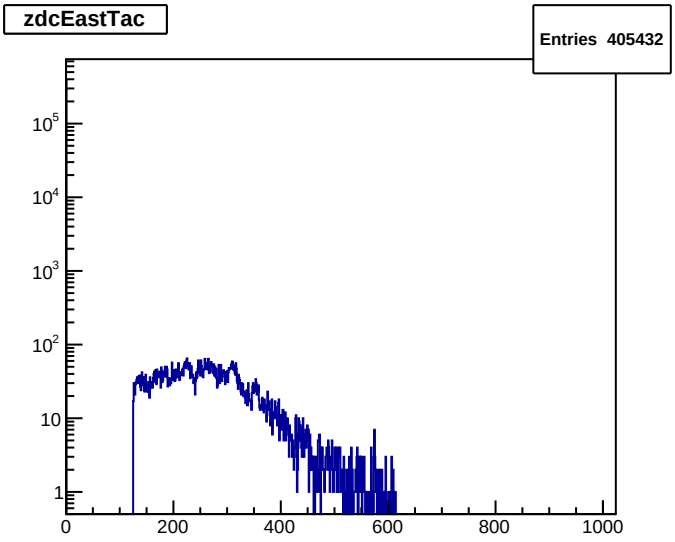

vpdEastTacMaxVsSimu
Entries 255415
Data
Simu

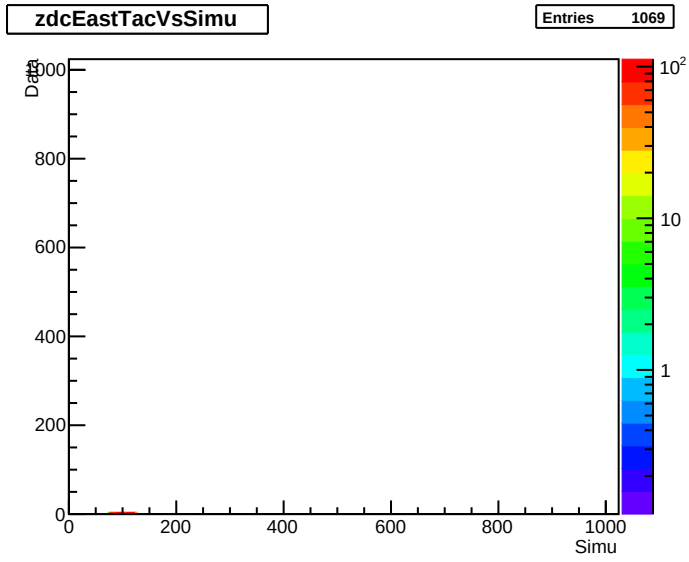

vpdWestAdcSum
Entries 405432

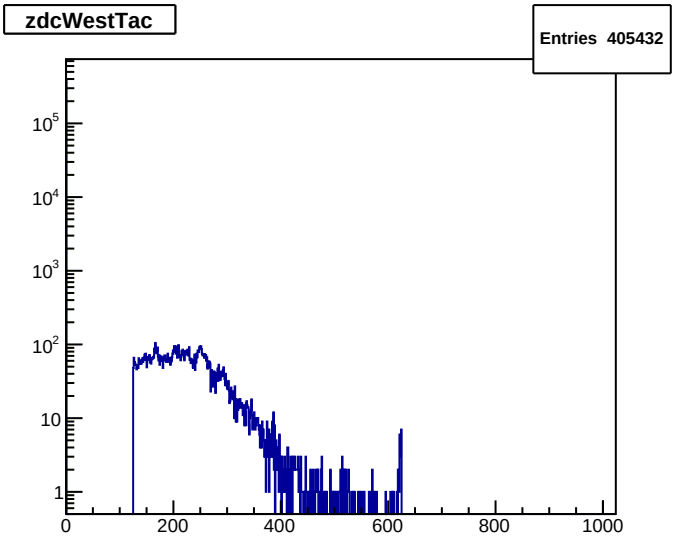

vpdWestAdcSumVsSimu
Entries 310639
Data
Simu

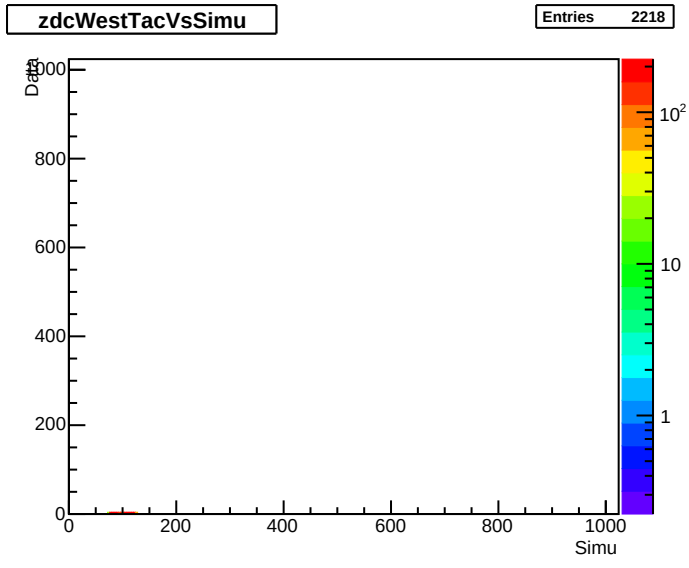

vpdWestTacMax
Entries 405432

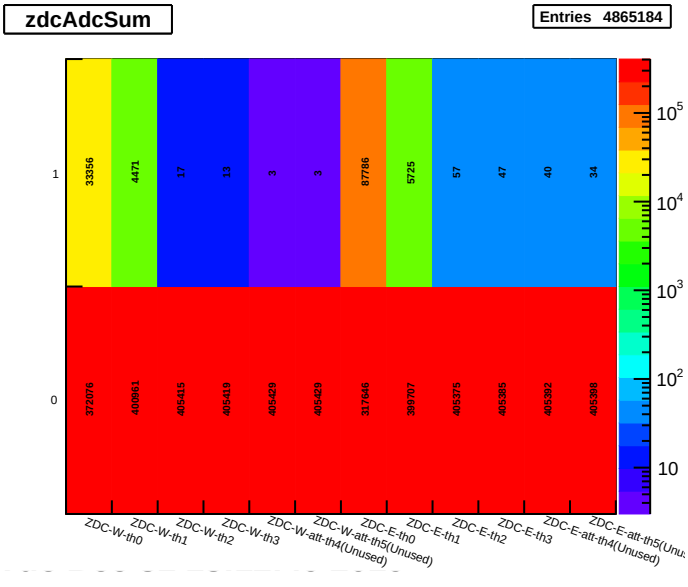

vpdWestTacMaxVsSimu
Entries 310639
Data
Simu

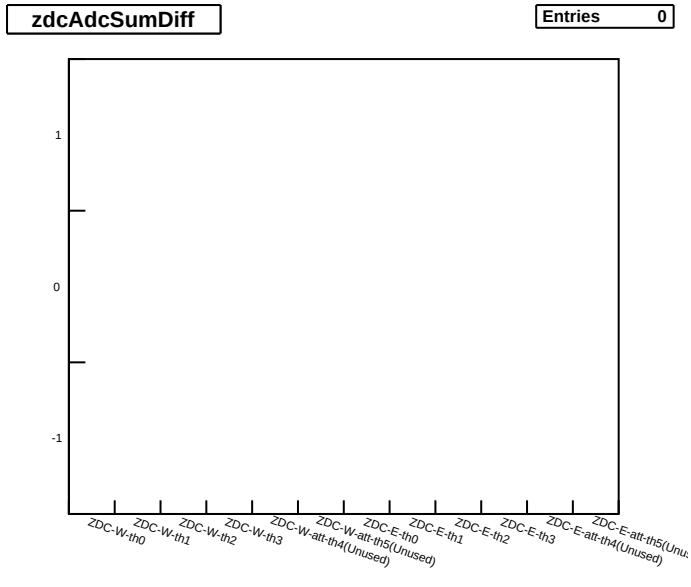

zdcEastTac
Entries 405432

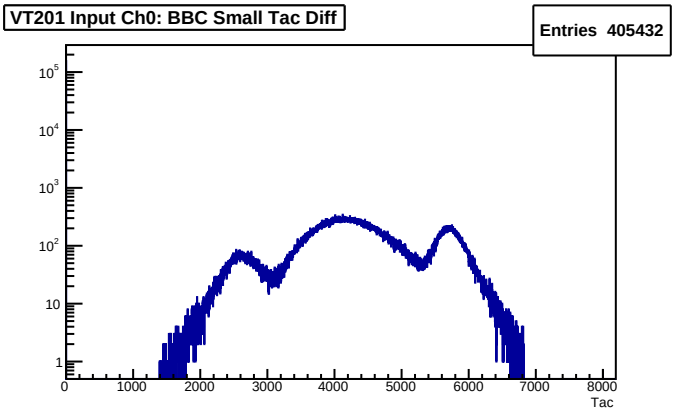

zdcEastTacVsSimu
Entries 1069
Data
Simu

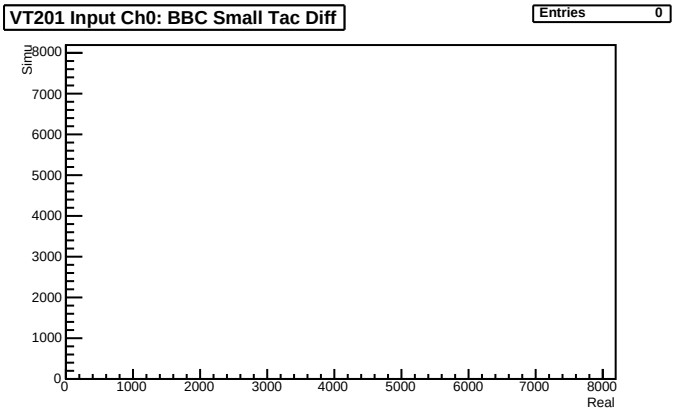

zdcWestTac
Entries 405432

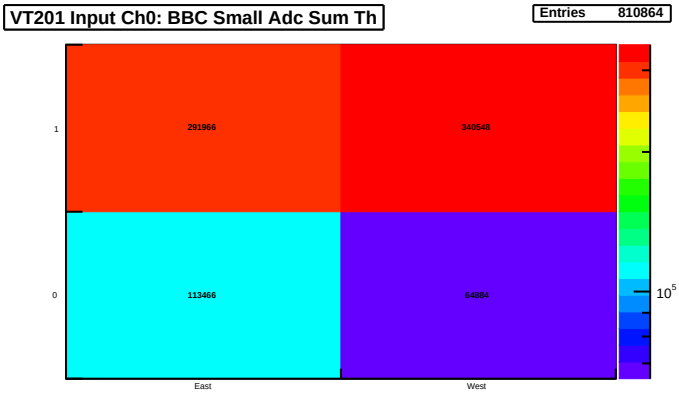

zdcWestTacVsSimu
Entries 2218
Data
Simu

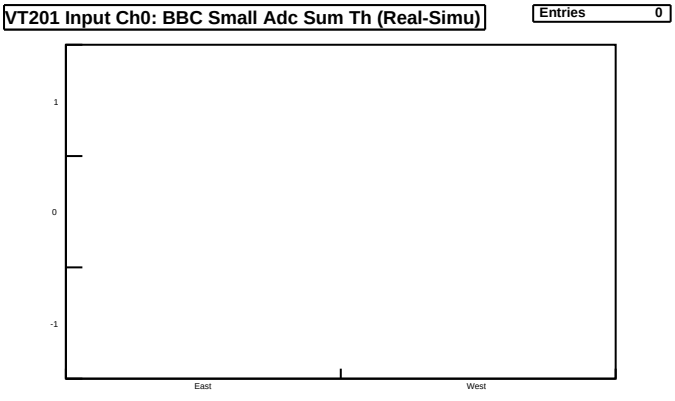

zdcAdcSum
Entries 4865184
33356
4471
17
13
3
3
87786
5725
57
47
40
34
372076
400861
405415
405419
405429
405429
317646
399707
405375
405385
405392
405398
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

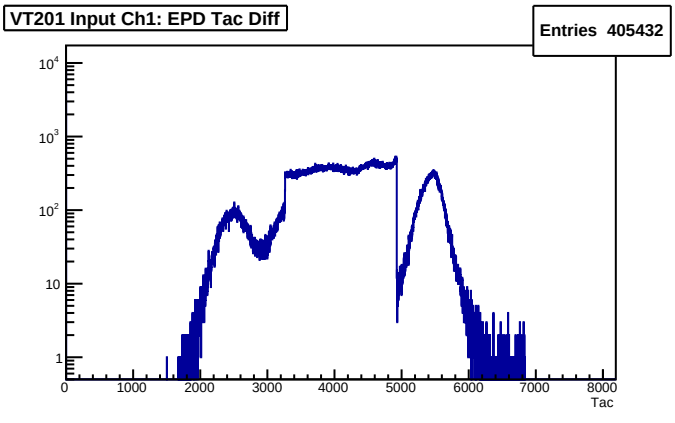

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

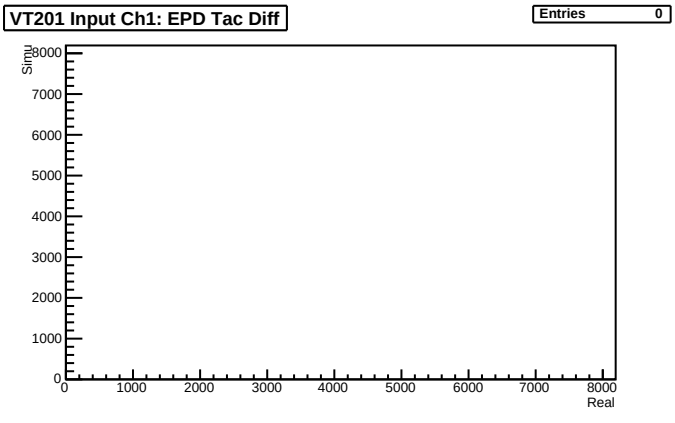

VT201 Input Ch0: BBC Small Tac Diff
Entries 405432
Tac

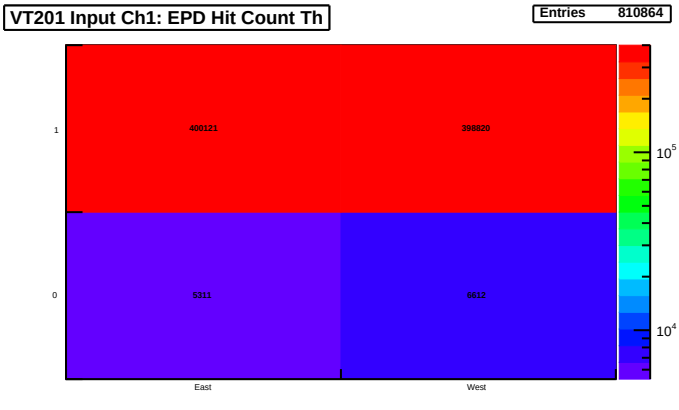

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

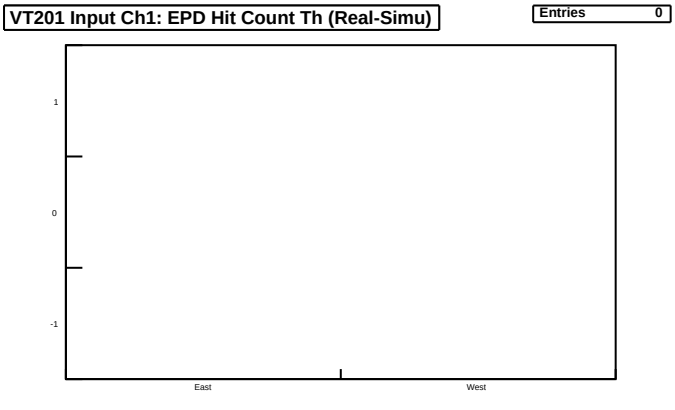

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 810864
291966
340548
113466
64884
East
West

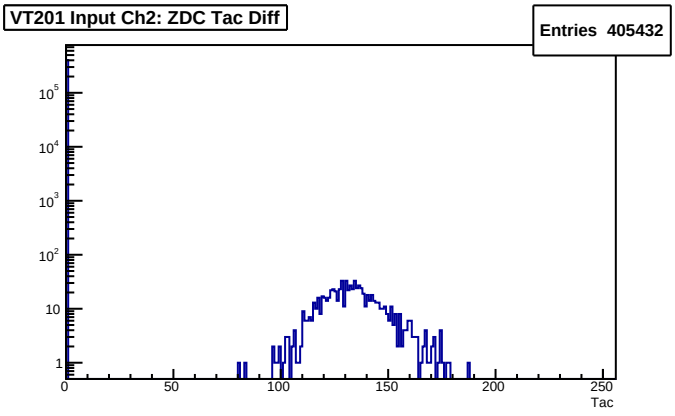

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

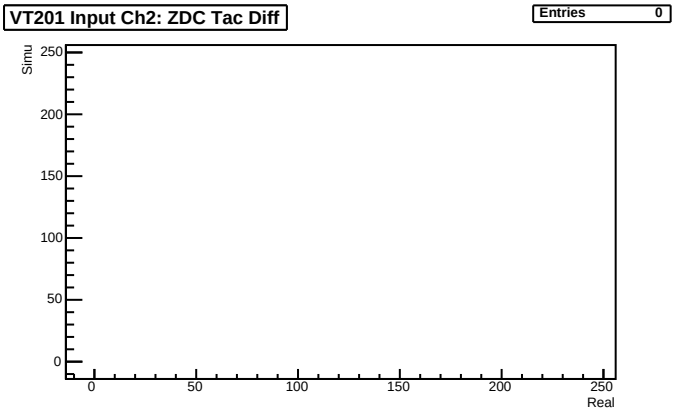

VT201 Input Ch1: EPD Tac Diff
Entries 405432
Tac

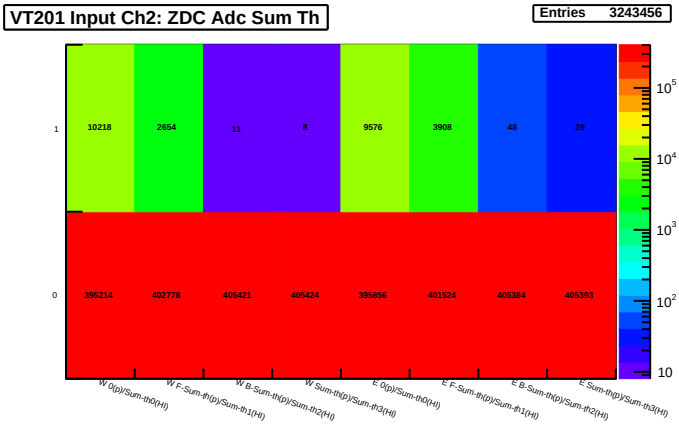

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

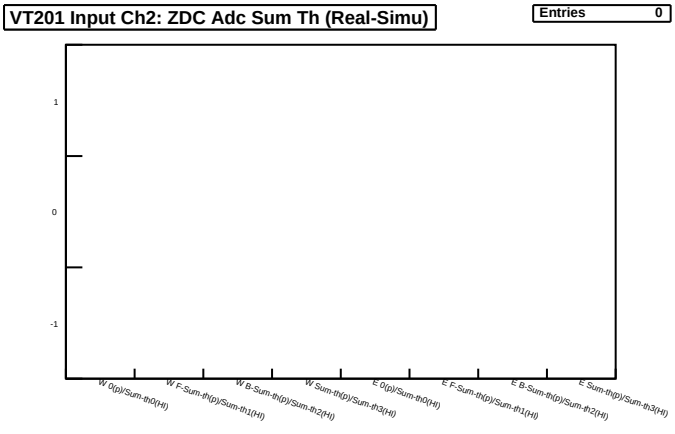

VT201 Input Ch1: EPD Hit Count Th
Entries 810864
400121
398820
5311
6612
East
West

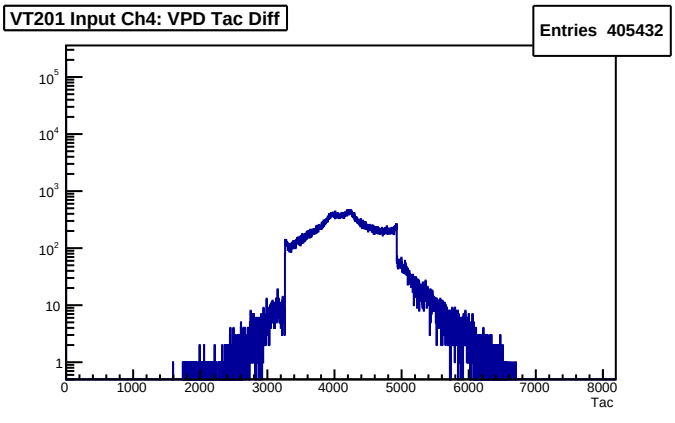

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

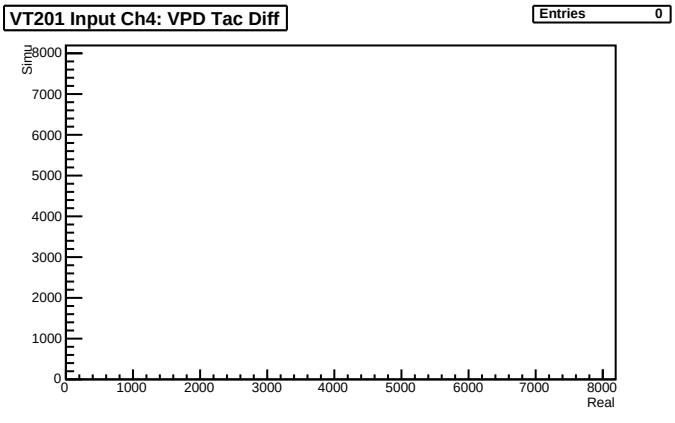

VT201 Input Ch2: ZDC Tac Diff
Entries 405432
Tac

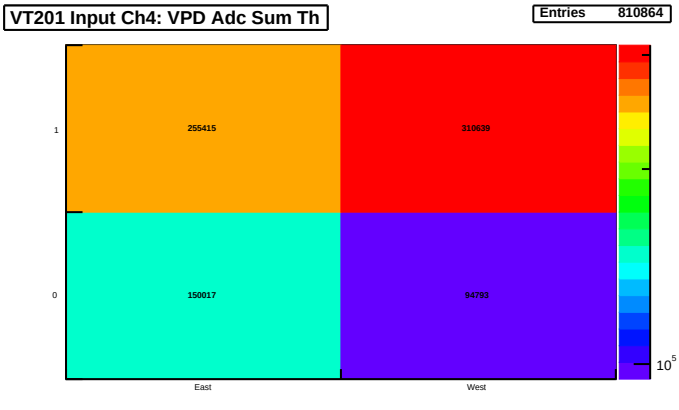

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

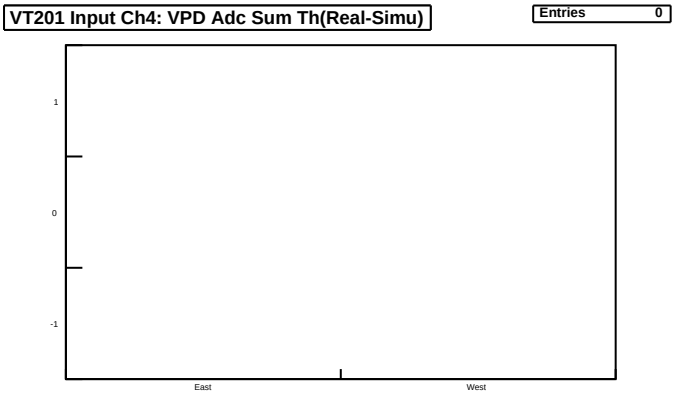

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3243456
10218
2654
11
8
9576
3908
48
39
395214
402778
405421
405424
395856
401524
405384
405393
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

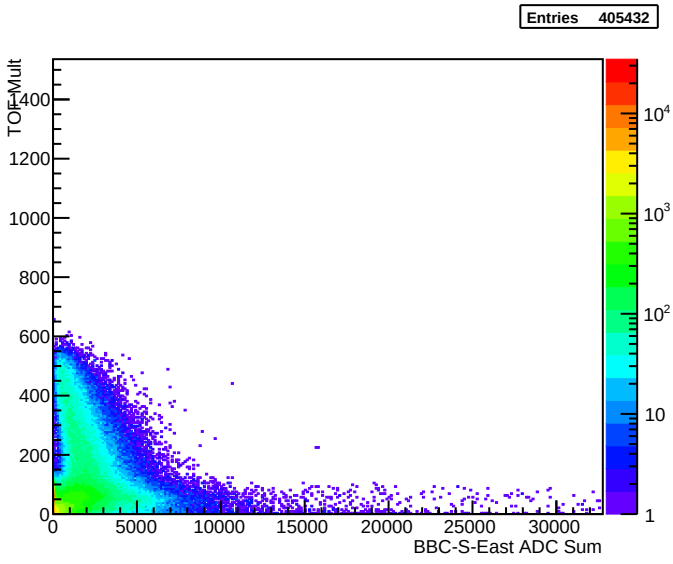

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

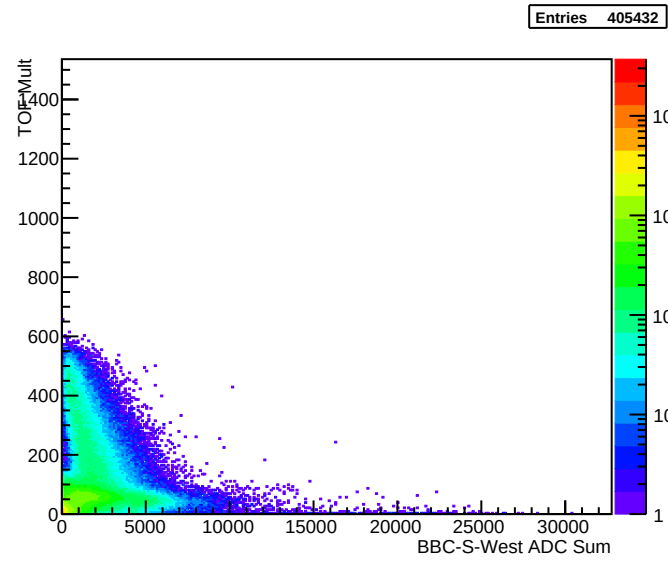

VT201 Input Ch4: VPD Tac Diff
Entries 405432
Tac

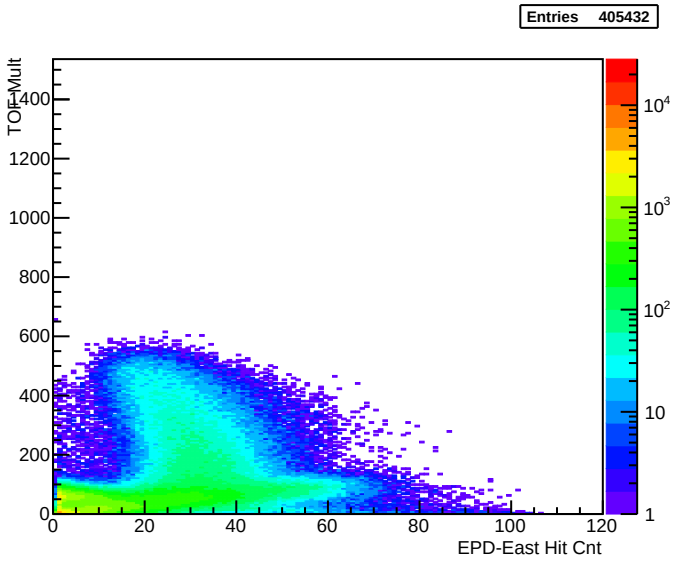

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

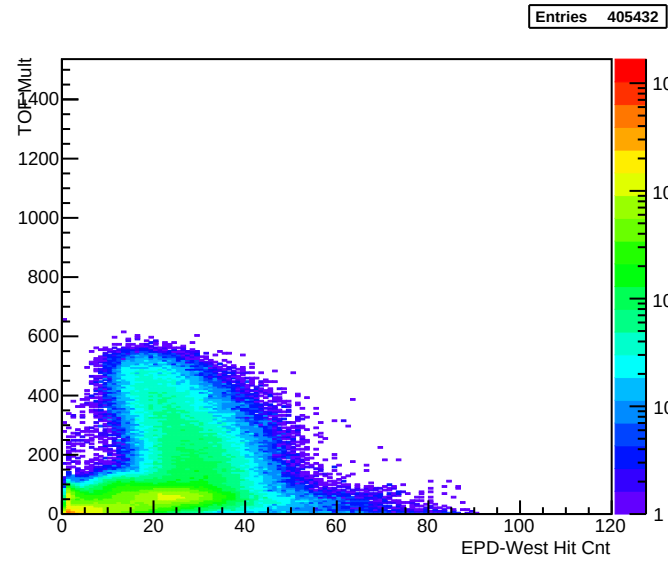

VT201 Input Ch4: VPD Adc Sum Th
Entries 810864
255415
310639
150017
94793
East
West

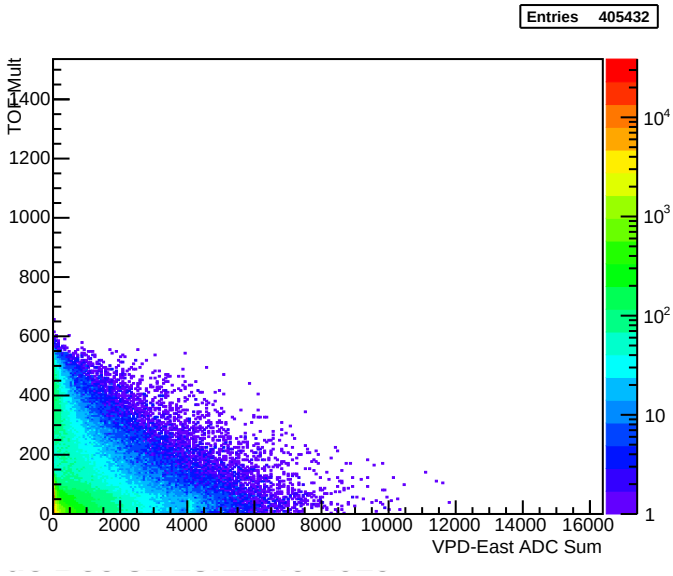

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

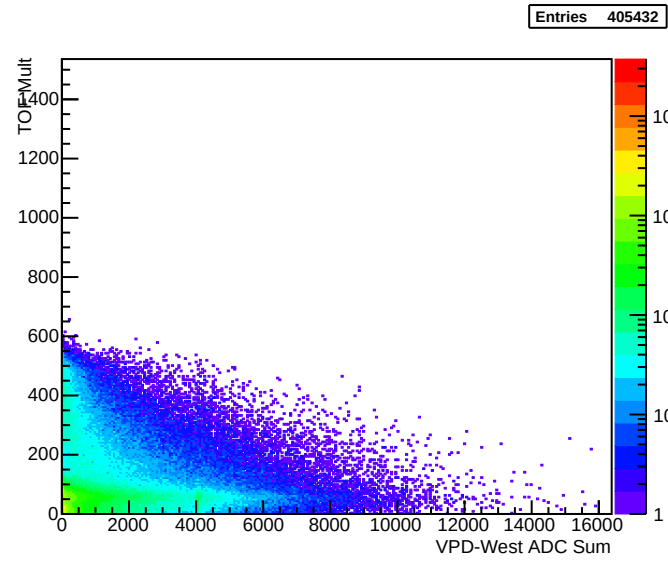

Entries 405432
TOF-Mult
BBC-S-East ADC Sum

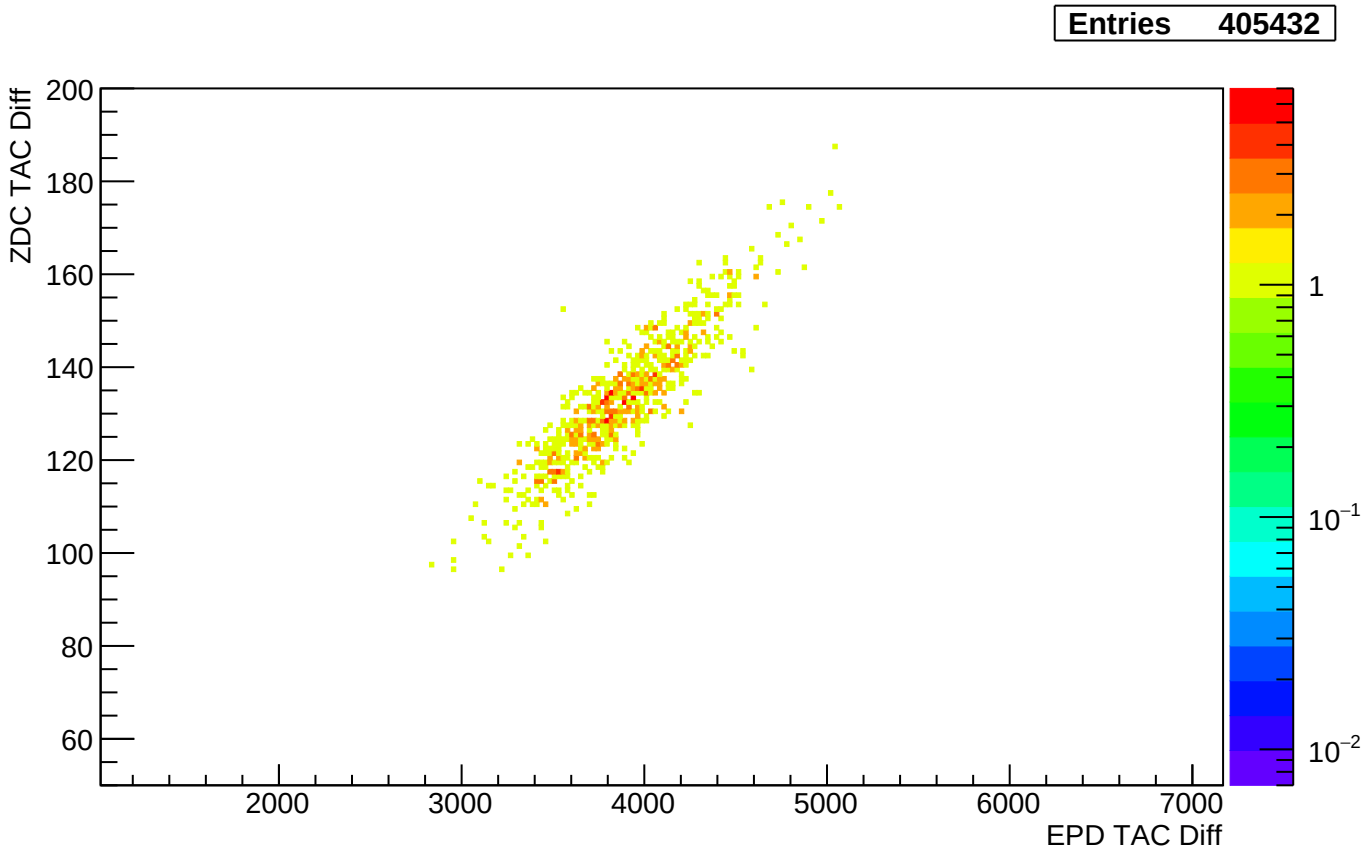

Entries 405432
TOF-Mult
BBC-S-West ADC Sum

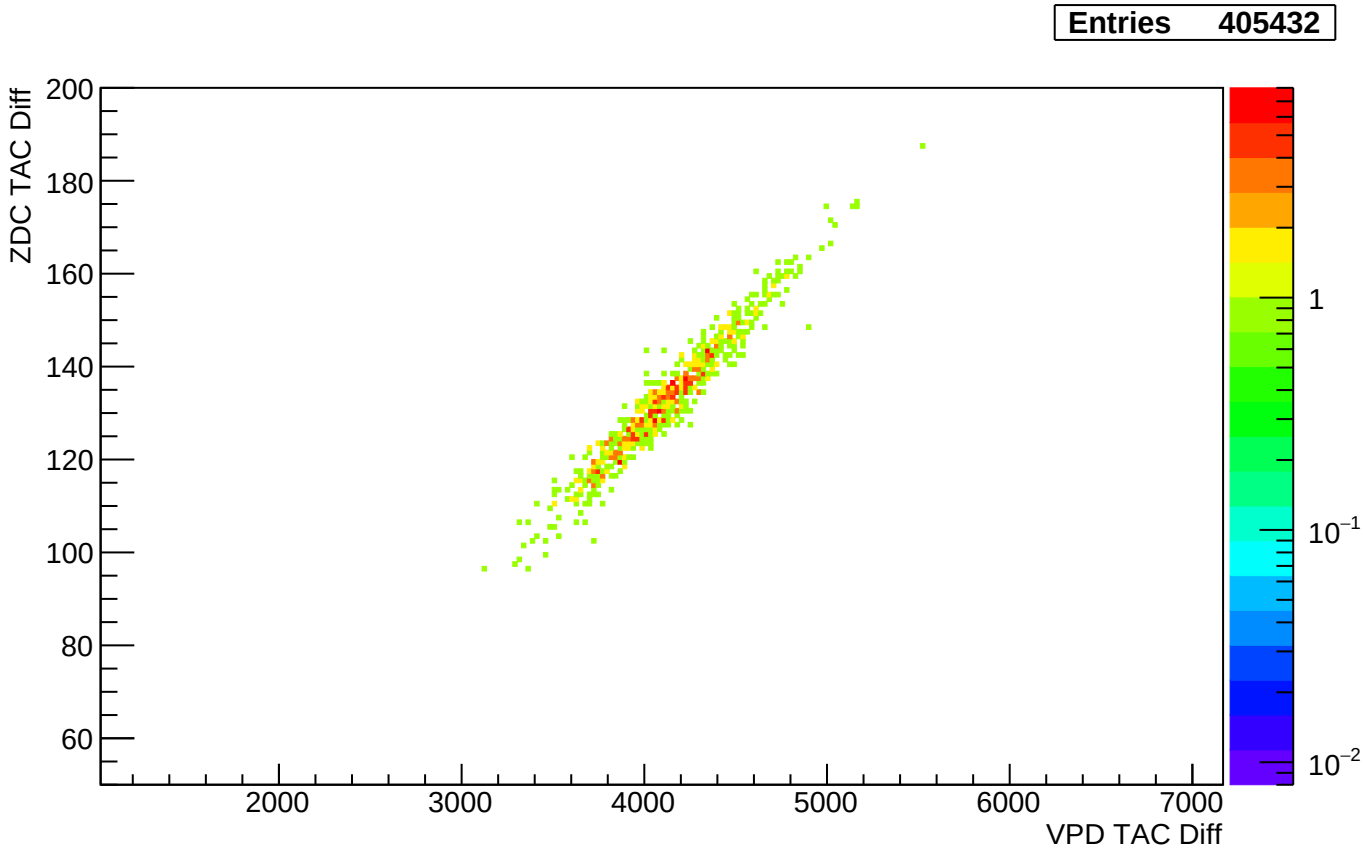

Entries 405432
TOF-Mult
EPD-East Hit Cnt

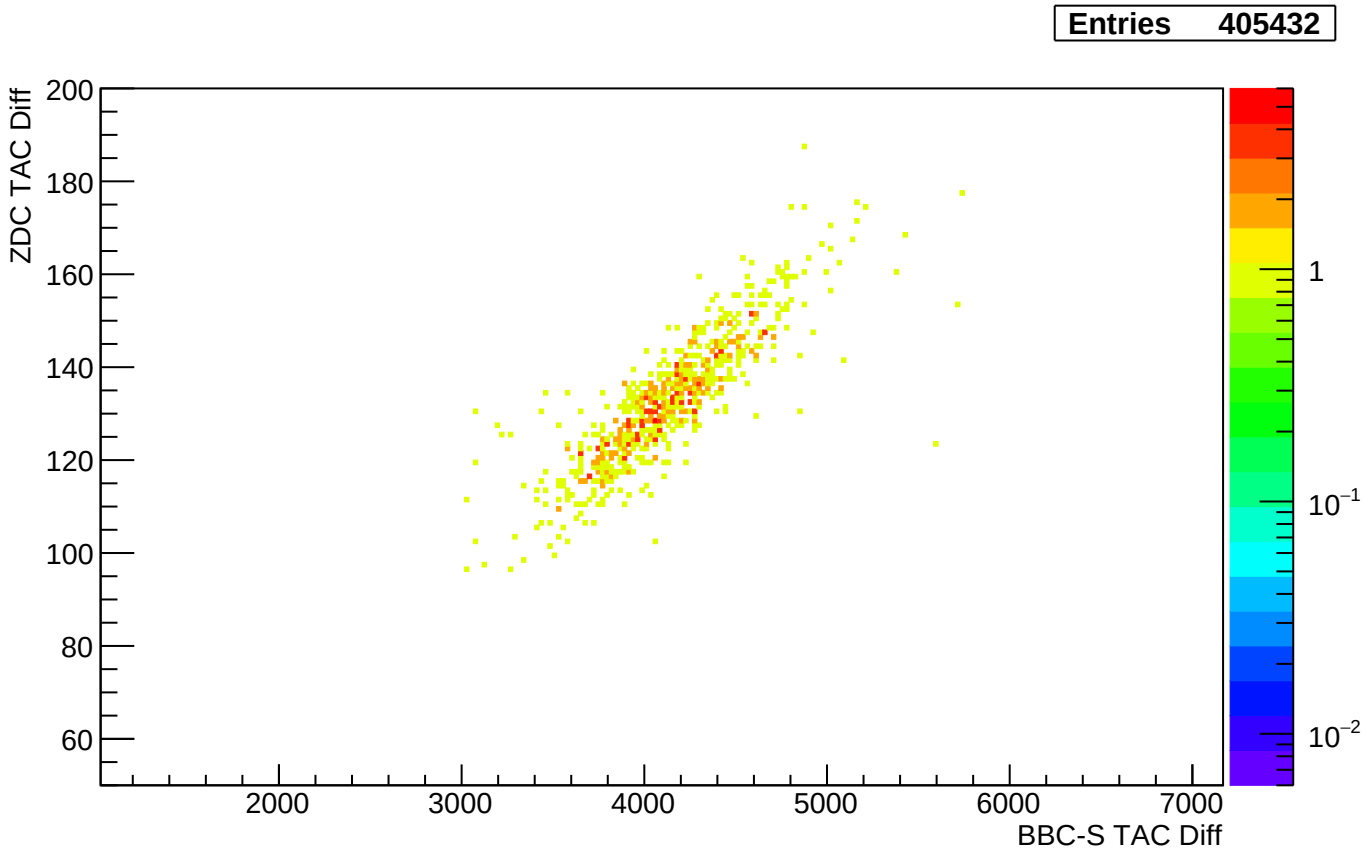

Entries 405432
TOF-Mult
EPD-West Hit Cnt

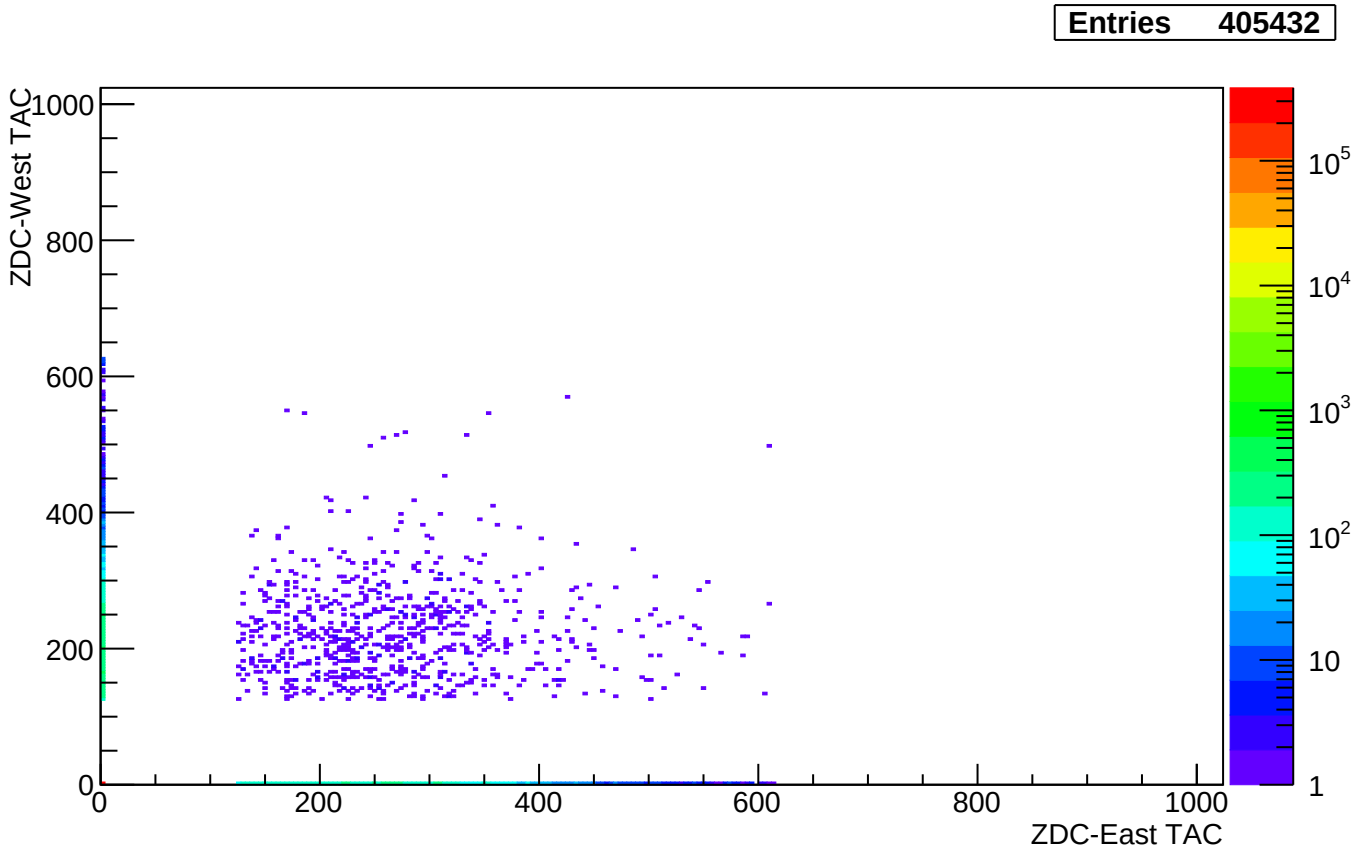

Entries 405432
TOF-Mult
VPD-East ADC Sum

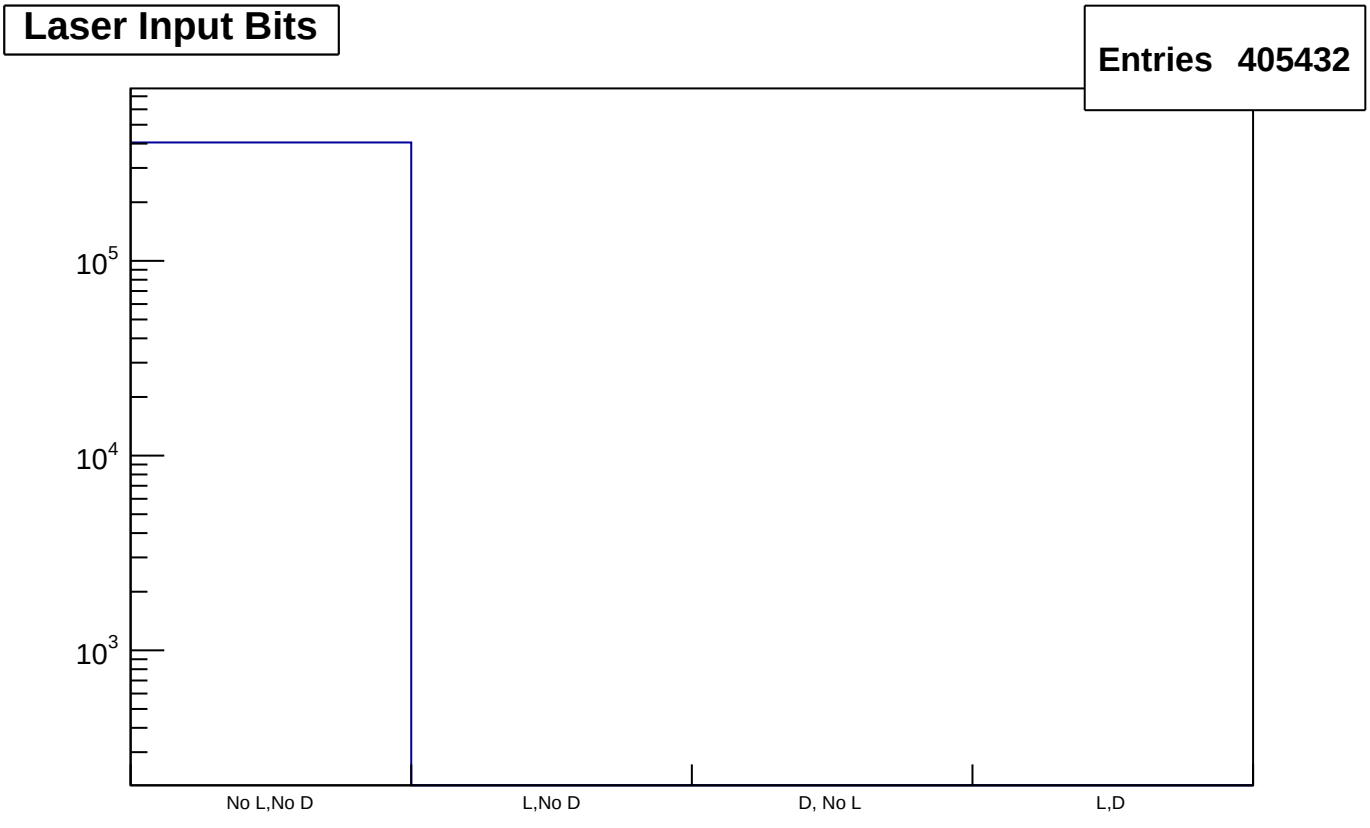

Entries 405432
TOF-Mult
VPD-West ADC Sum

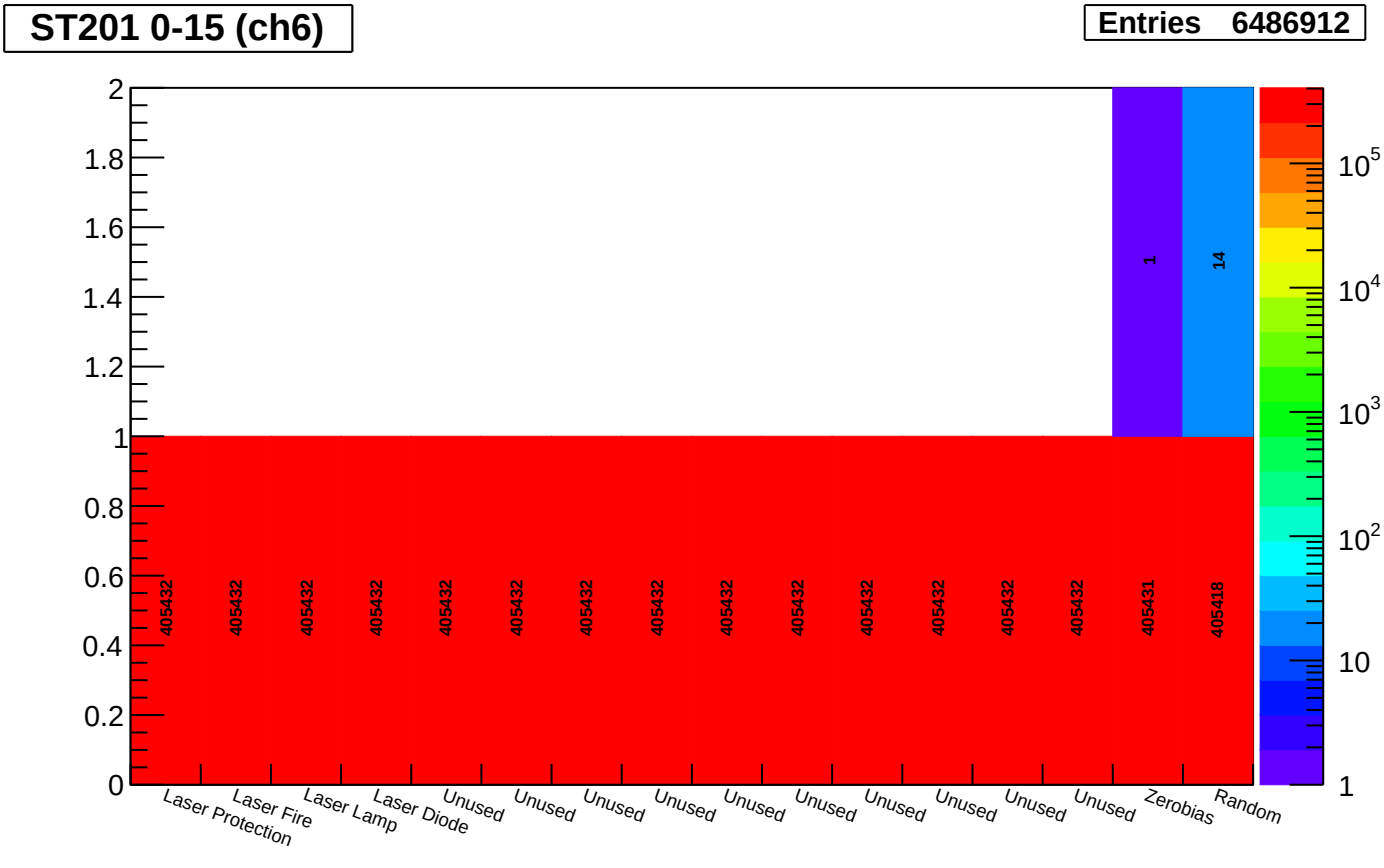

Entries 405432
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

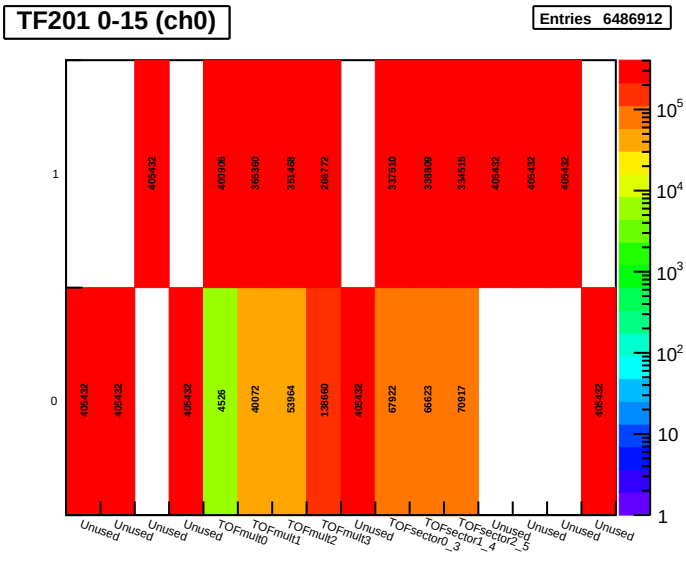

Entries 405432
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

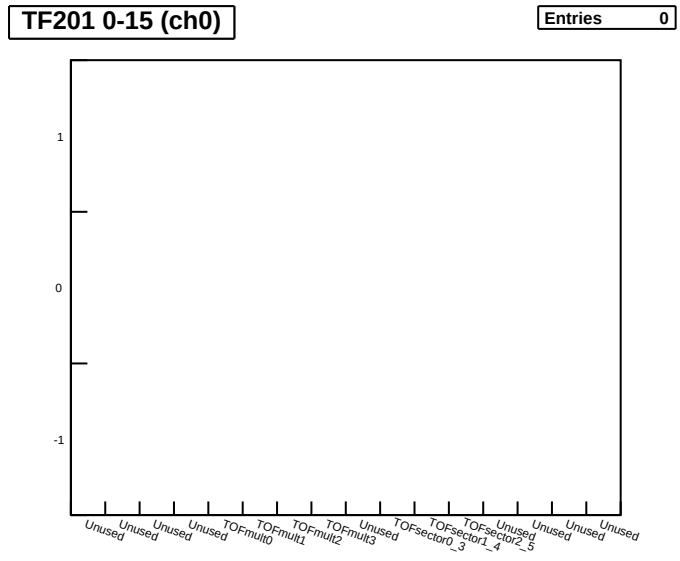

Entries 405432
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

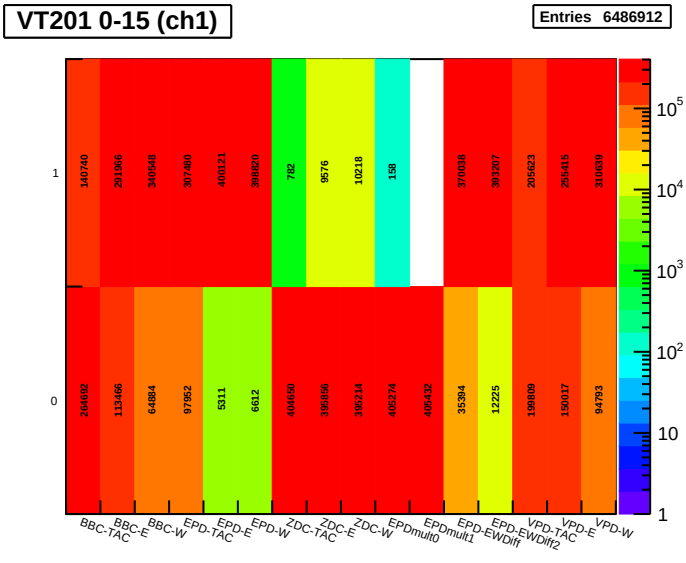

Entries 405432
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

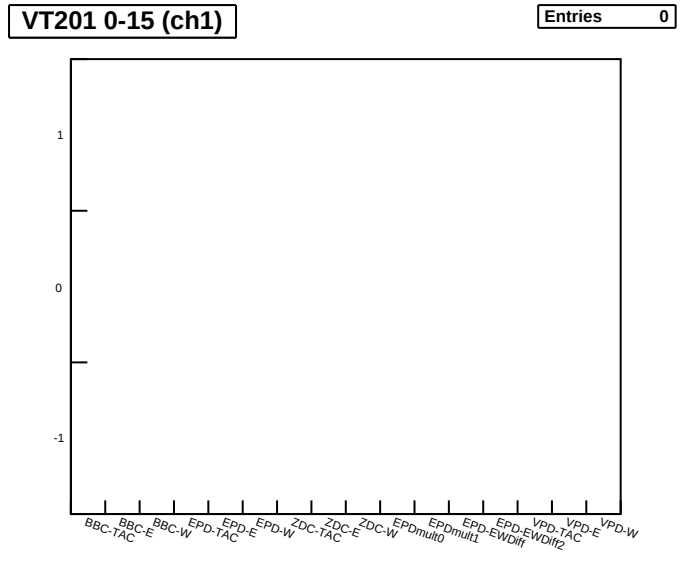

Laser Input Bits
Entries 405432
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

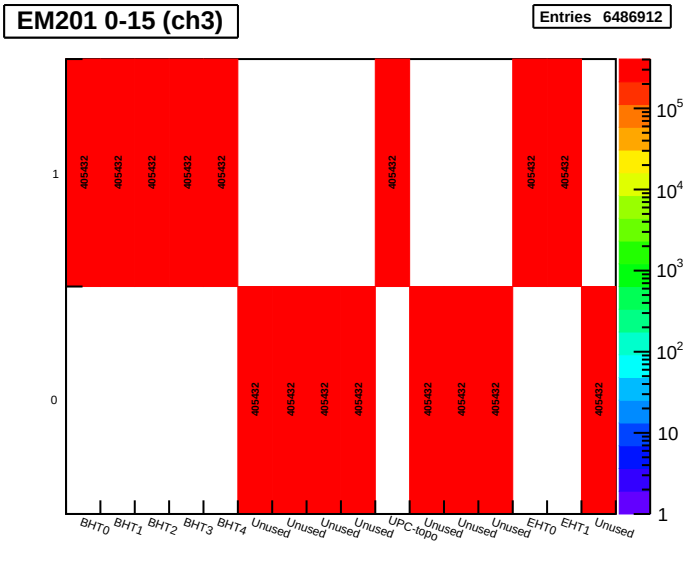

ST201 0-15 (ch6)
Entries 6486912
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405431
405418
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

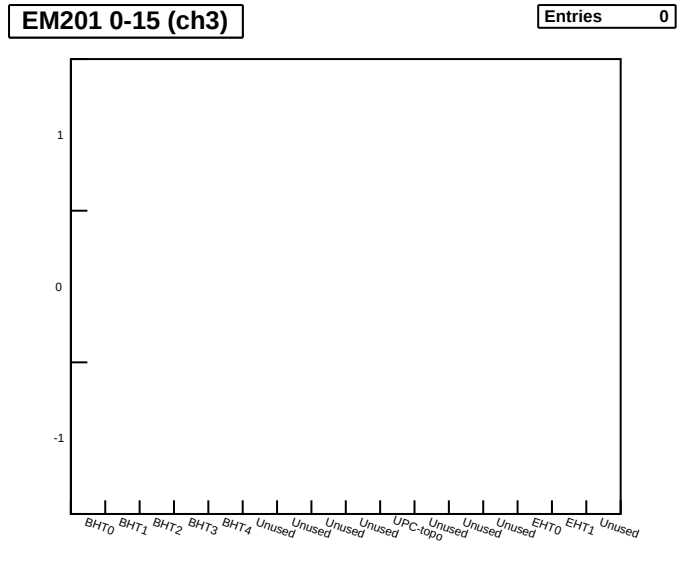

TF201 0-15 (ch0)
Entries 6486912
1
0
405432
400906
365360
351468
266772
337510
338809
334515
405432
405432
405432
405432
405432
405432
405432
4526
40072
53964
138660
405432
67922
66623
70917
405432
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 6486912
1
0
140740
291966
340548
307480
400121
398820
782
9576
10218
158
370058
393207
205623
255415
310639
264692
113466
64884
97952
5311
6612
404650
399956
395214
405274
405432
35394
12225
199809
150017
94793
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 6486912
1
0
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
405432
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