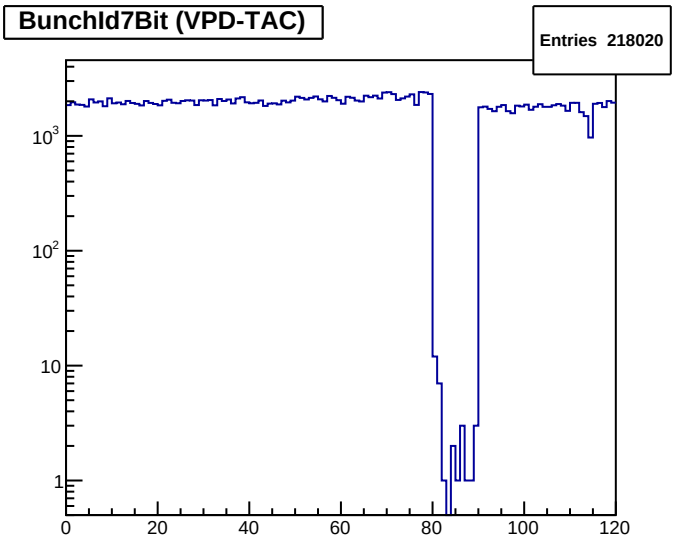
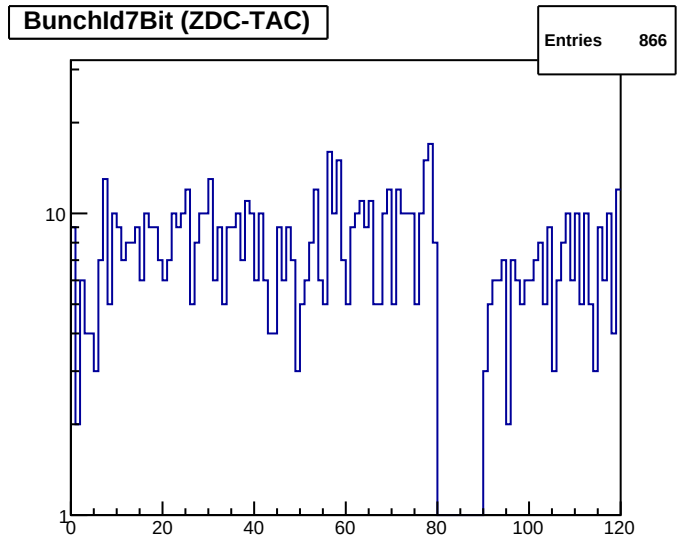
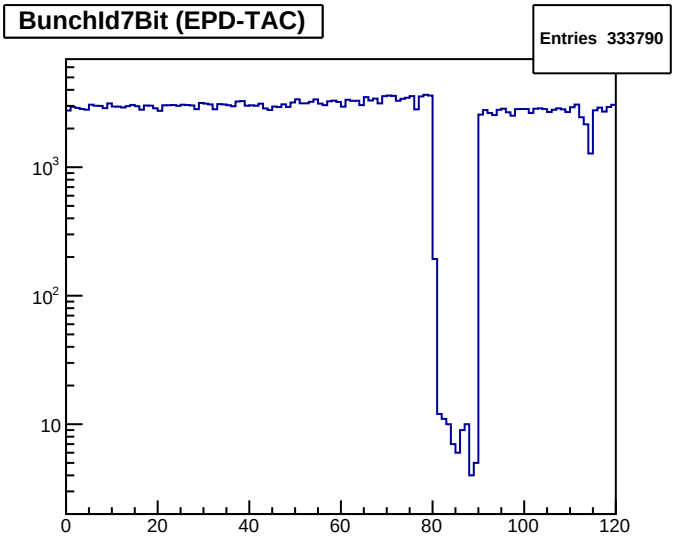
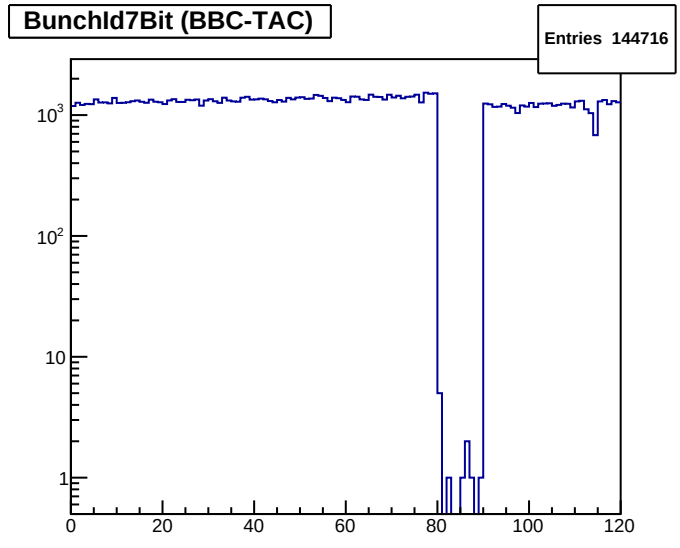
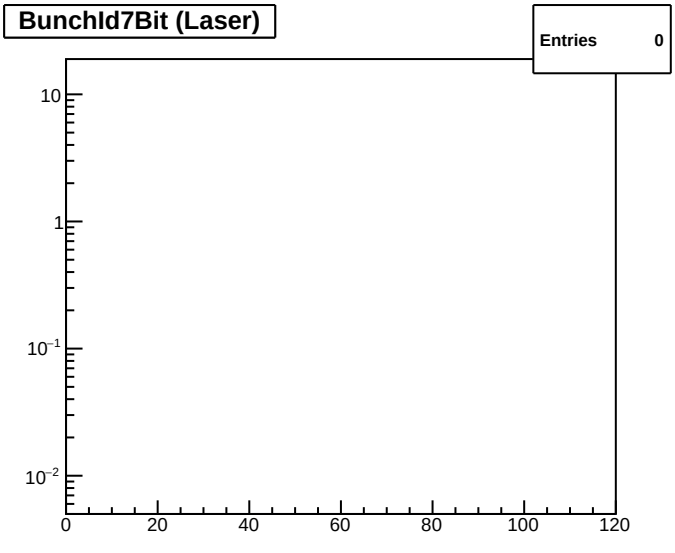
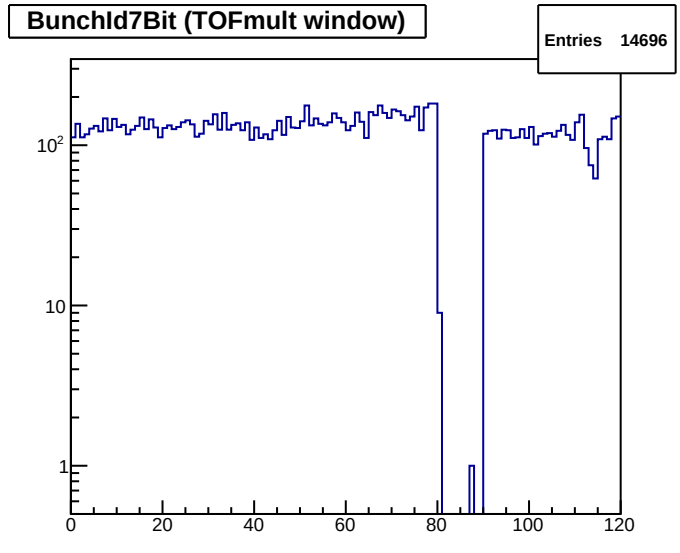

BunchId7Bit (VPD-TAC)
Entries 218020

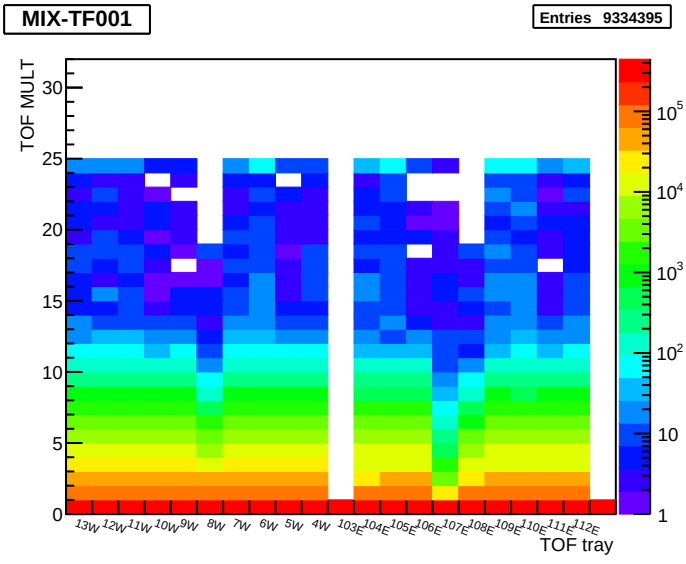

BunchId7Bit (ZDC-TAC)
Entries 866

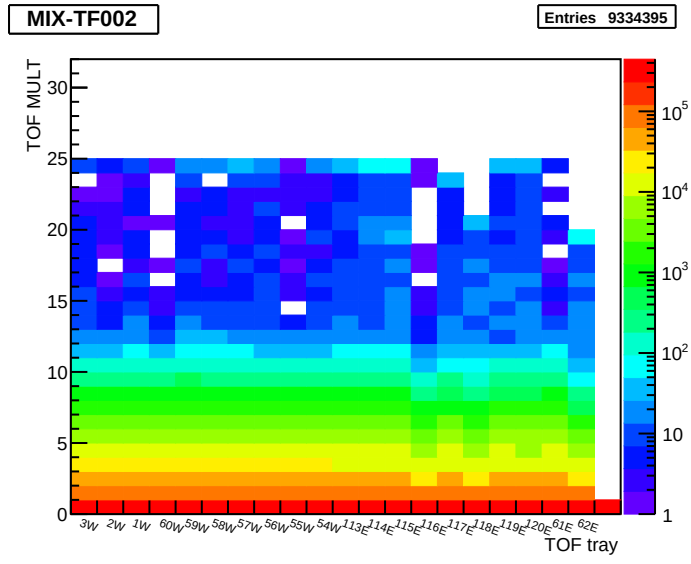

BunchId7Bit (EPD-TAC)
Entries 333790

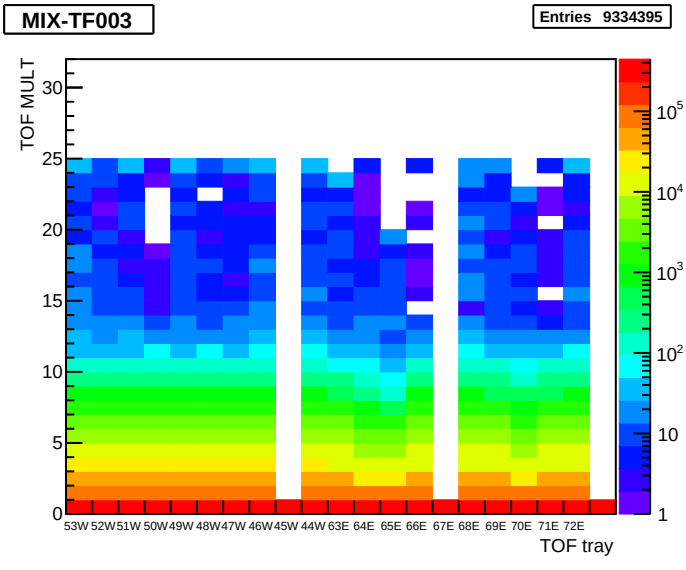

BunchId7Bit (BBC-TAC)
Entries 144716

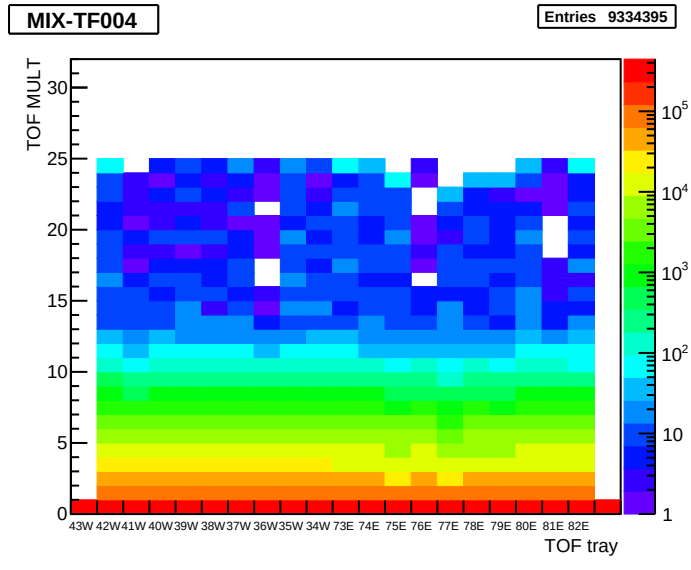

BunchId7Bit (Laser)
Entries 0

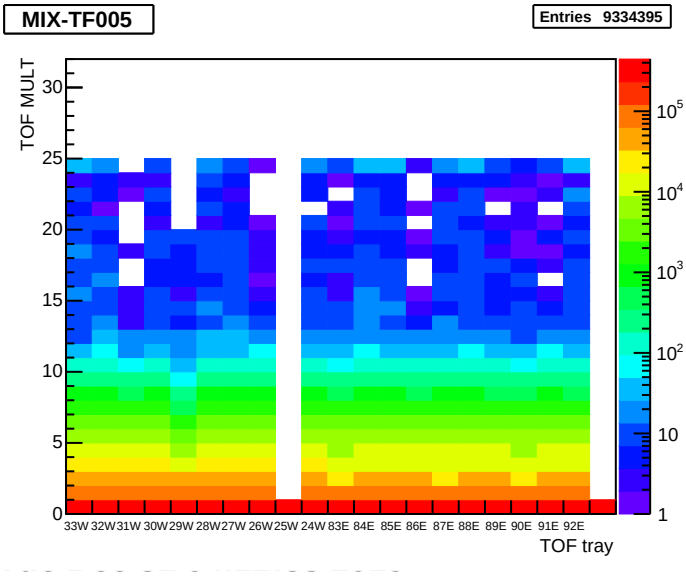

BunchId7Bit (TOFmult window)
Entries 14696

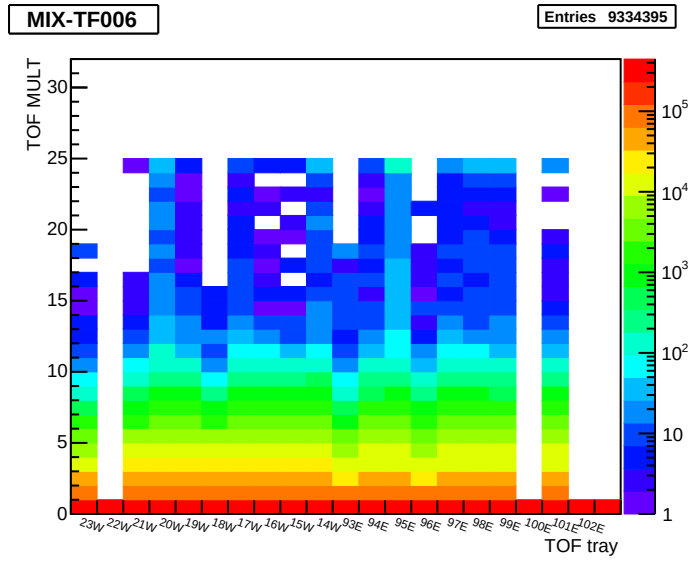

MIX-TF001
Entries 9334395
TOF MULT
TOF tray

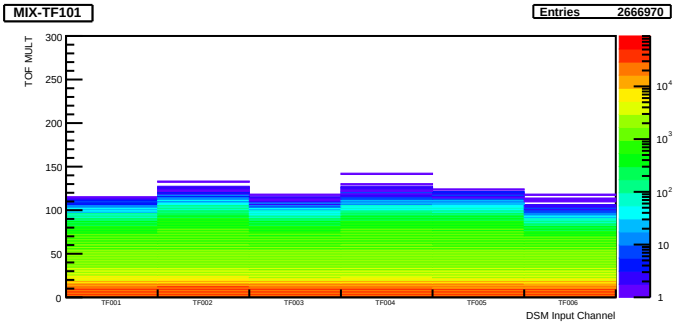

MIX-TF002
Entries 9334395
TOF MULT
TOF tray

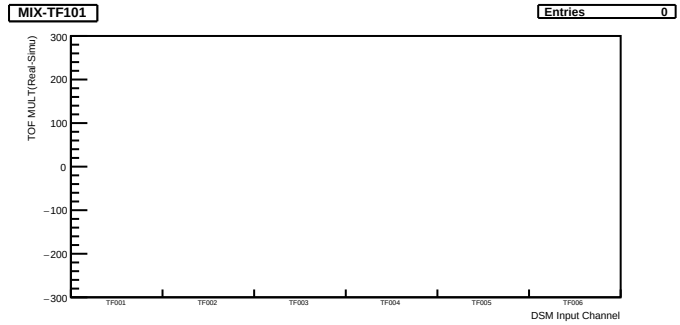

MIX-TF003
Entries 9334395
TOF MULT
TOF tray

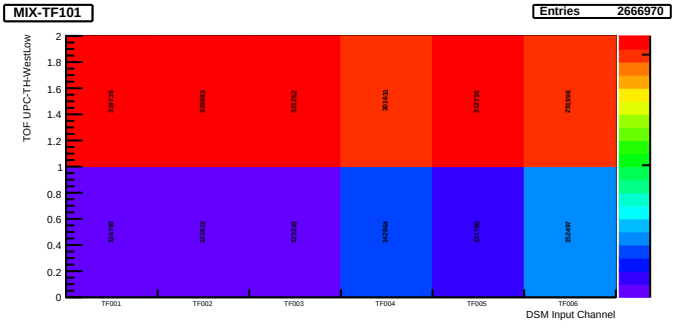

MIX-TF004
Entries 9334395
TOF MULT
TOF tray

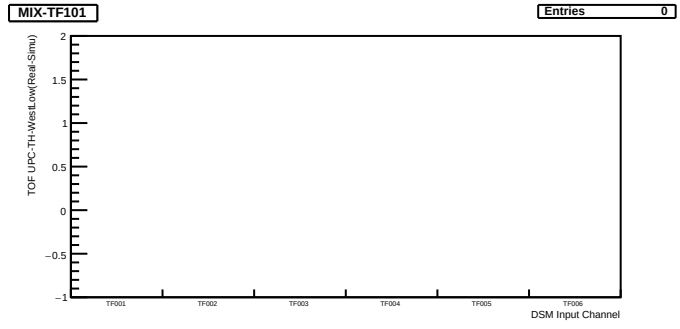

MIX-TF005
Entries 9334395
TOF MULT
TOF tray

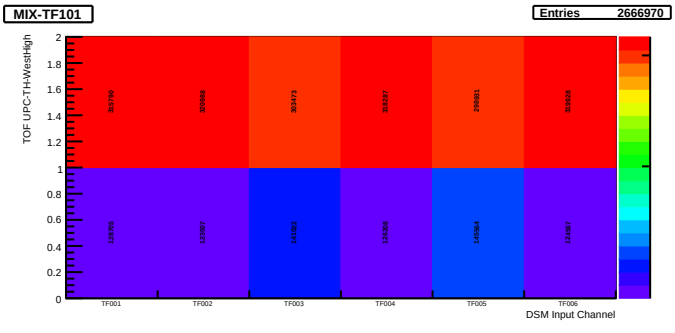

MIX-TF006
Entries 9334395
TOF MULT
TOF tray

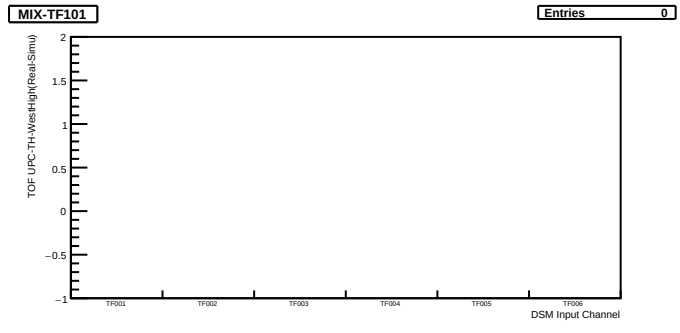

MIX-TF101
Entries 2666970
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

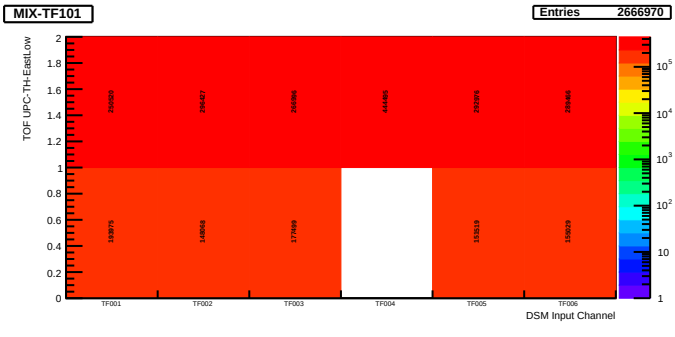

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

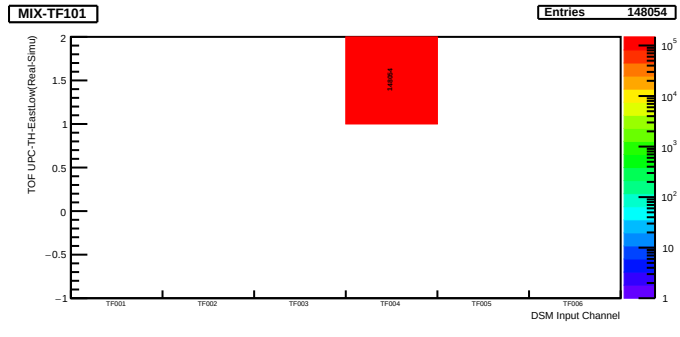

MIX-TF101
Entries 2666970
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

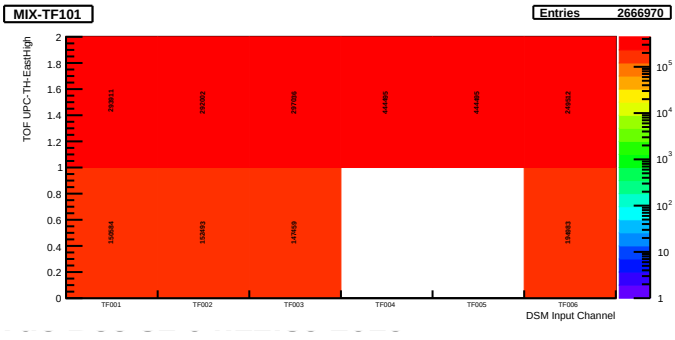

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

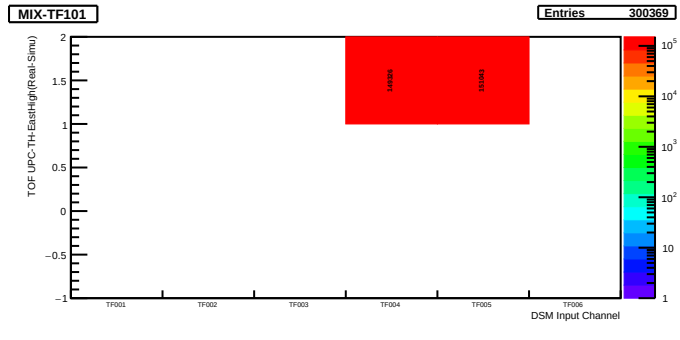

MIX-TF101
Entries 2666970
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

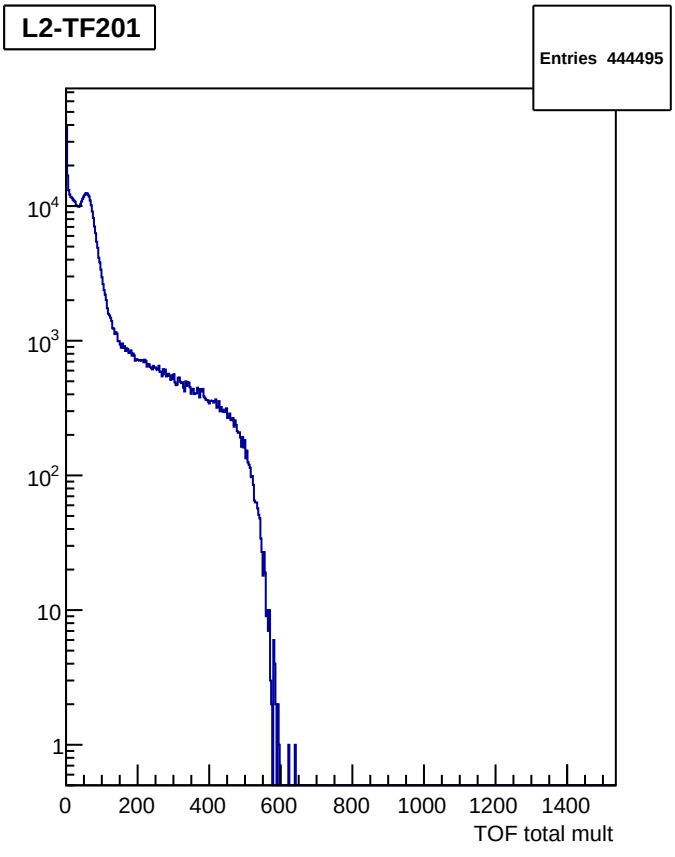

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

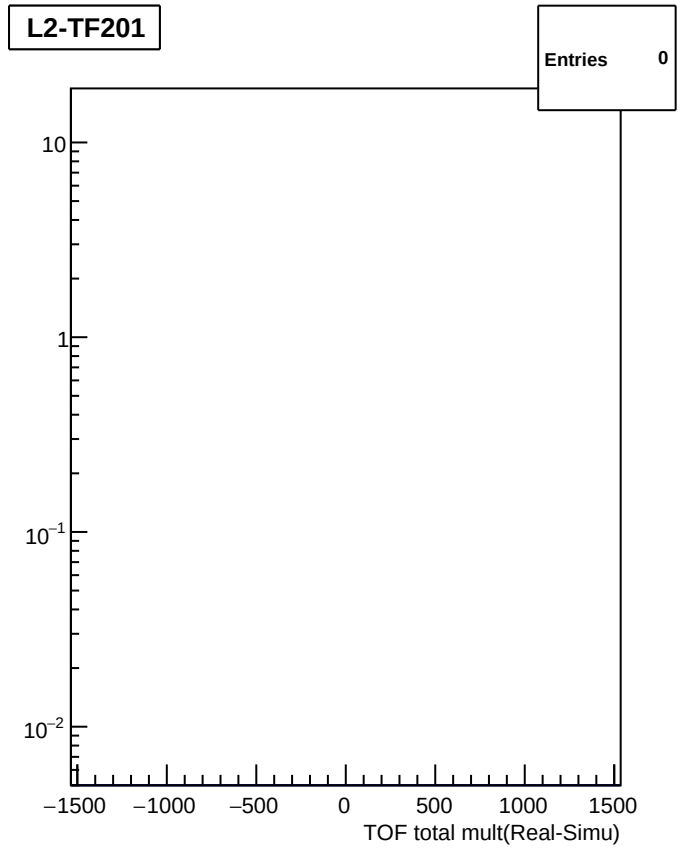

MIX-TF101
Entries 2666970
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

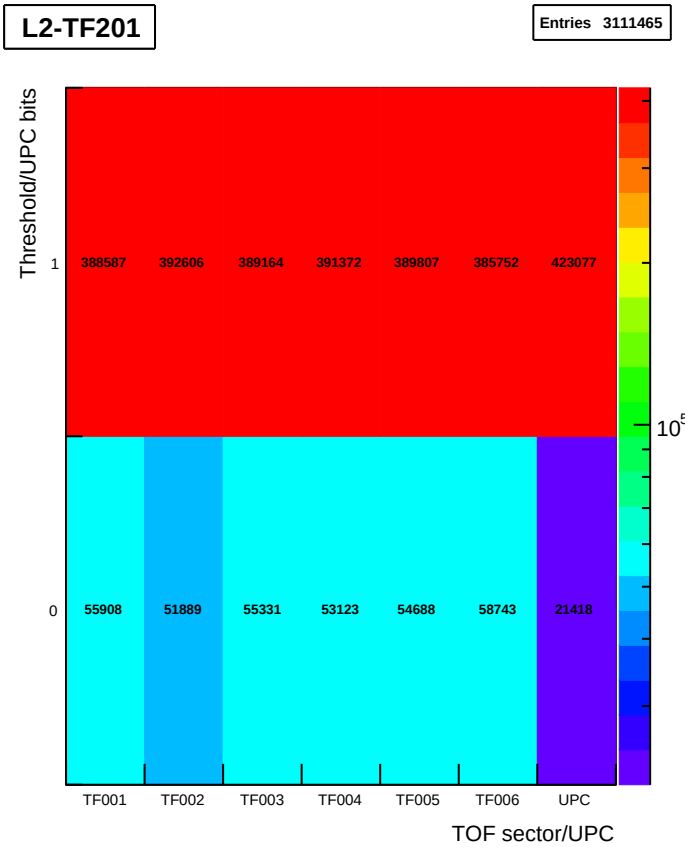

MIX-TF101
Entries 148054
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

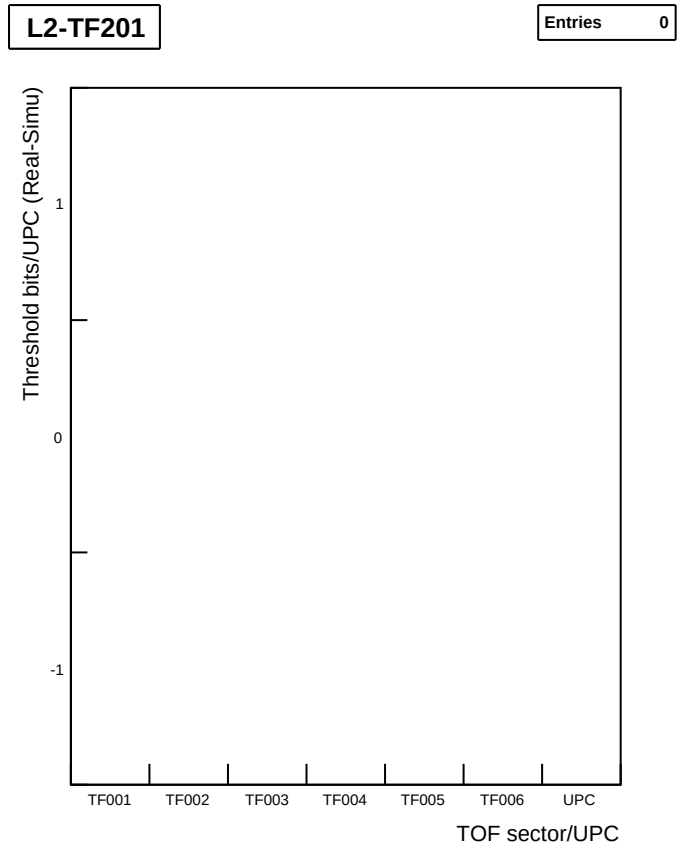

MIX-TF101
Entries 2666970
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

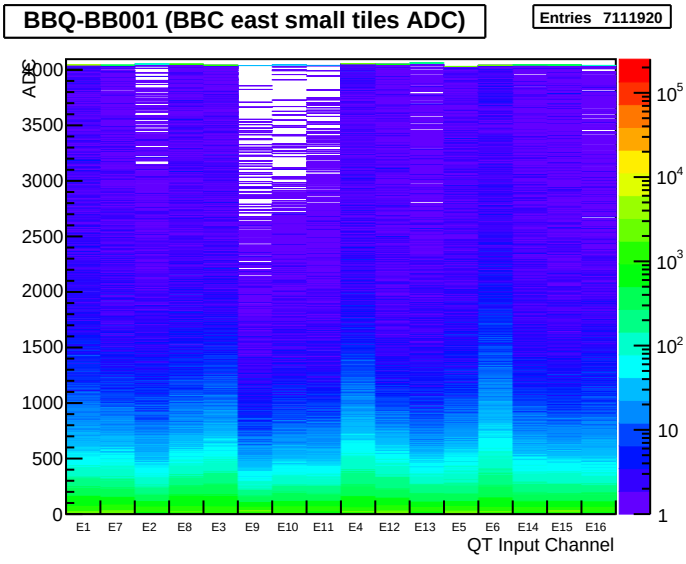

MIX-TF101
Entries 300369
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

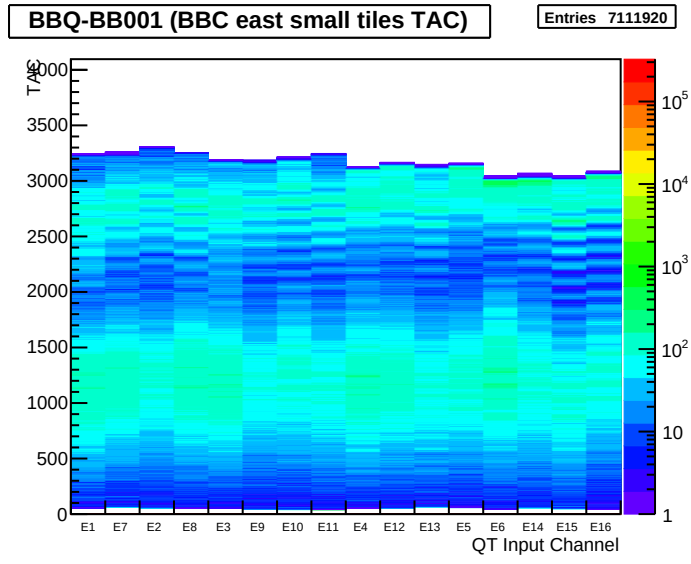

L2-TF201
Entries 444495
TOF total mult

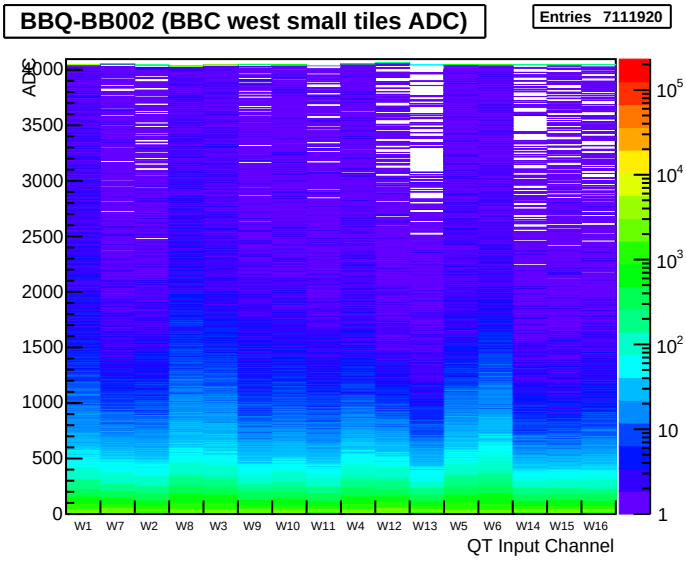

L2-TF201
Entries 0
TOF total mult(Real-Simu)

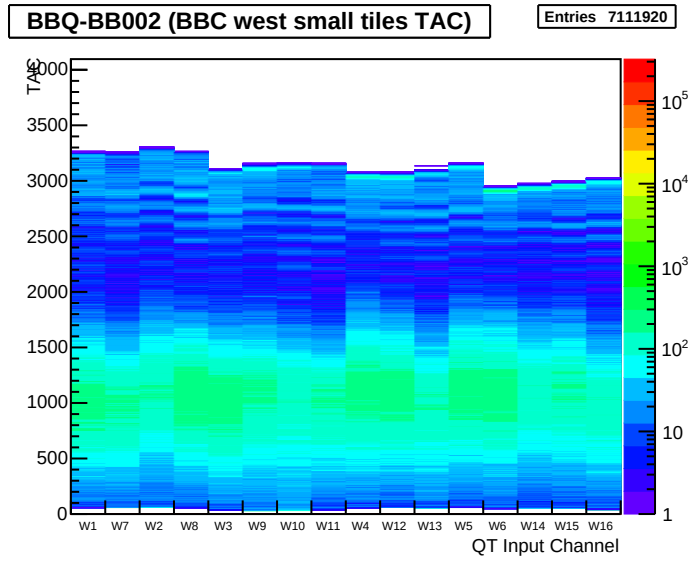

L2-TF201
Entries 3111465
Threshold/UPC bits
388587
392606
389164
391372
389807
385752
423077
55908
51889
55331
53123
54688
58743
21418
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

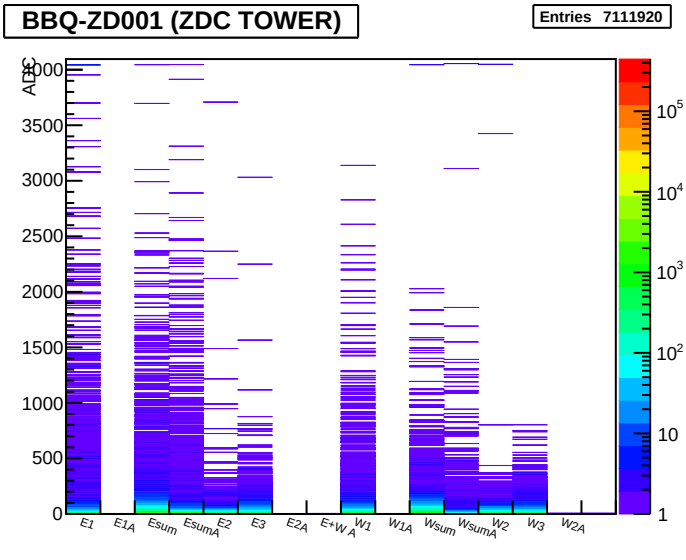

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

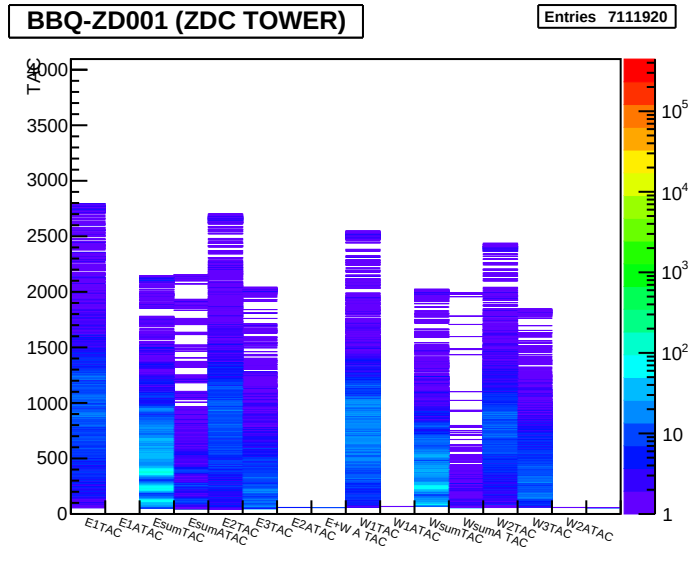

BBQ-BB001 (BBC east small tiles ADC)
Entries 7111920
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

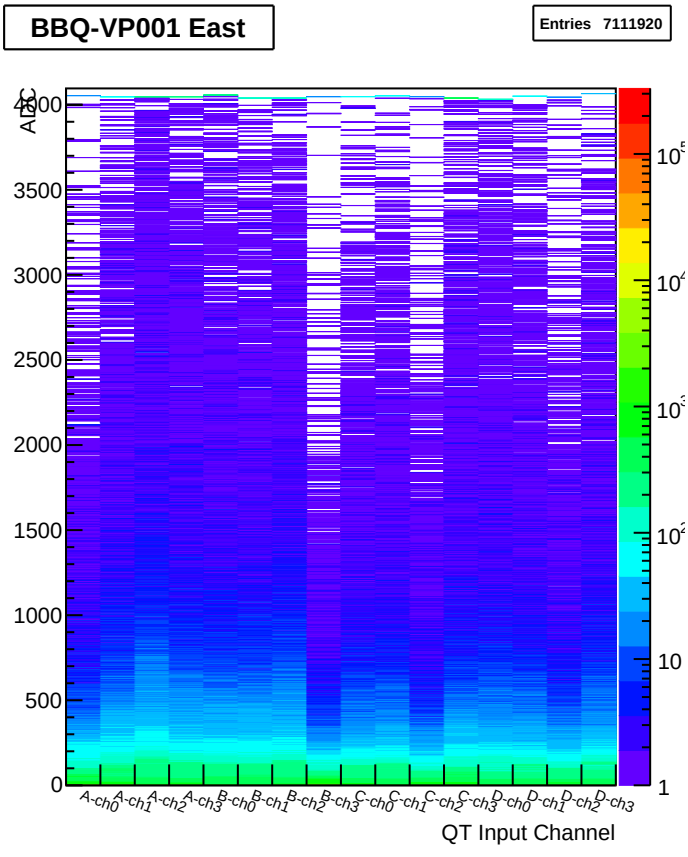

BBQ-BB001 (BBC east small tiles TAC)
Entries 7111920
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

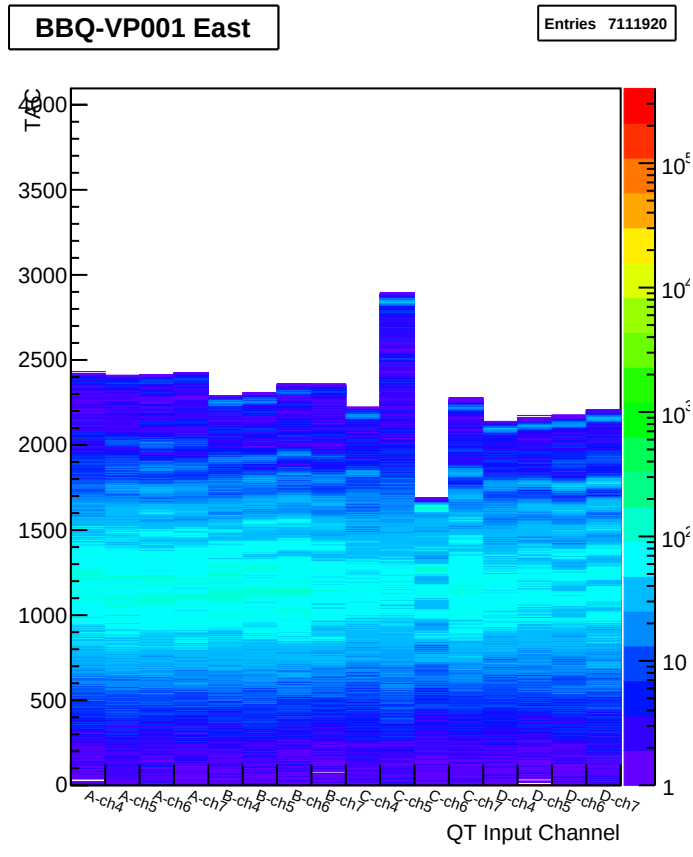

BBQ-BB002 (BBC west small tiles ADC)
Entries 7111920
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

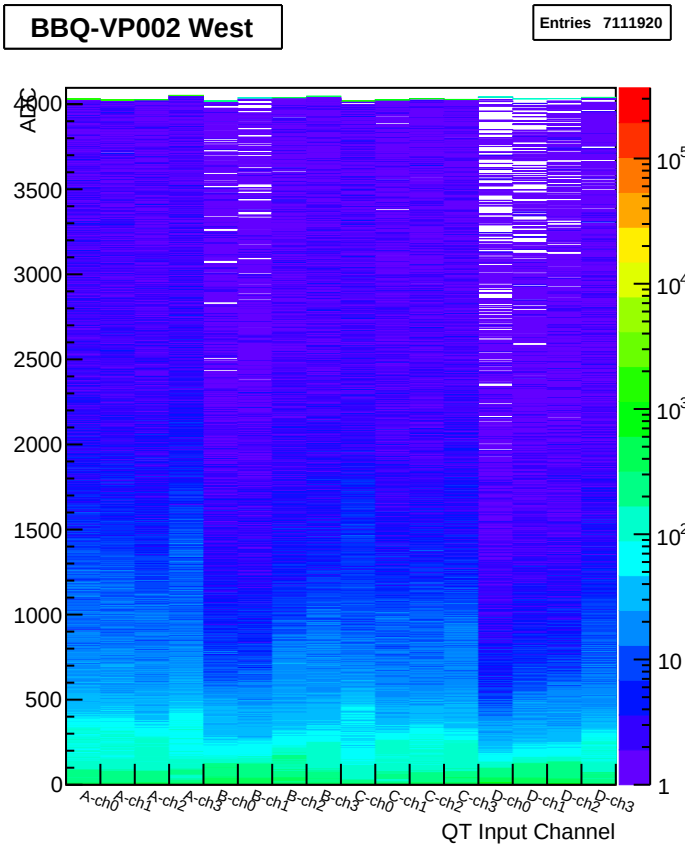

BBQ-BB002 (BBC west small tiles TAC)
Entries 7111920
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

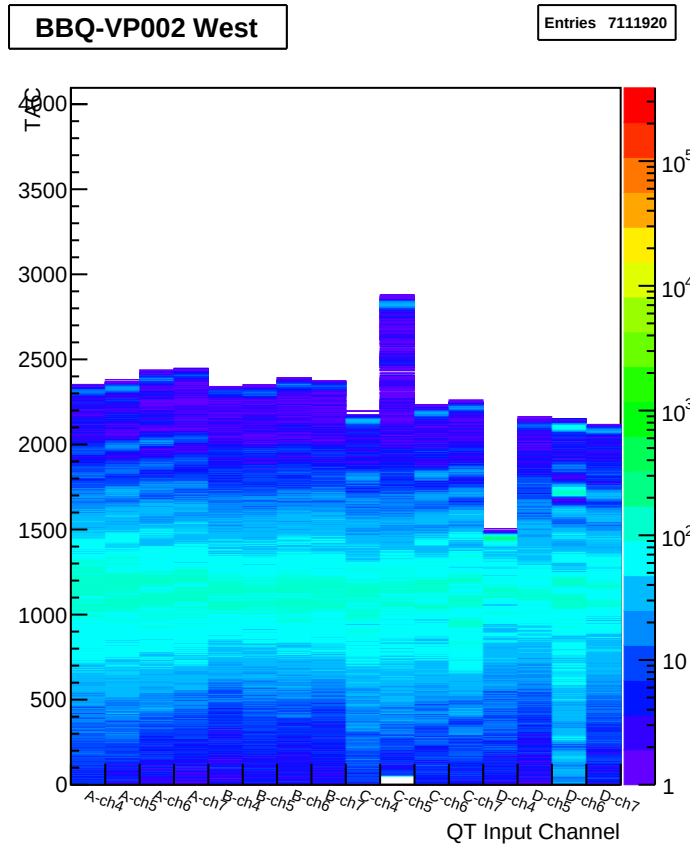

BBQ-ZD001 (ZDC TOWER)
Entries 7111920
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

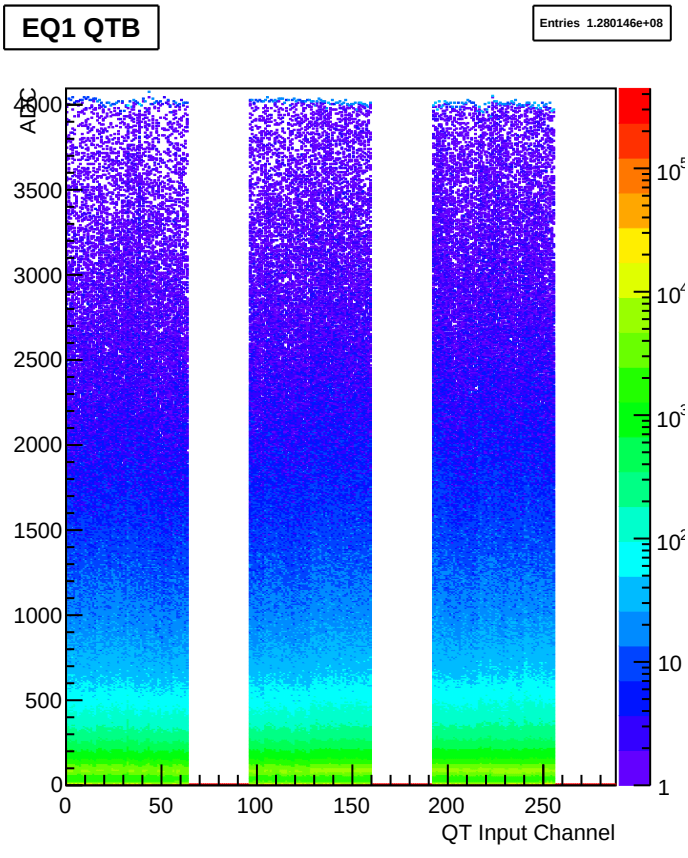

BBQ-ZD001 (ZDC TOWER)
Entries 7111920
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

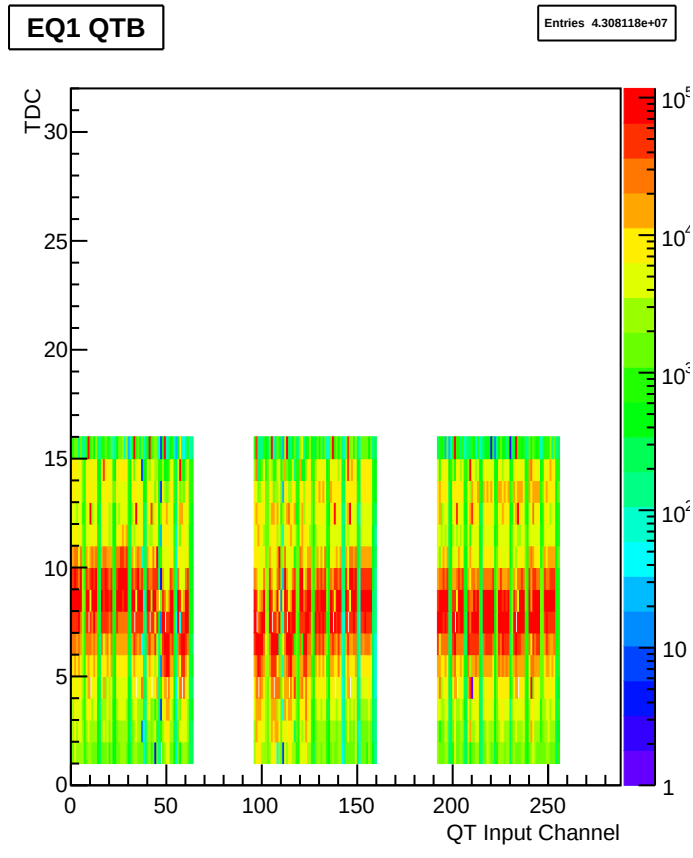

BBQ-VP001 East
Entries 7111920
ADC
QT Input Channel

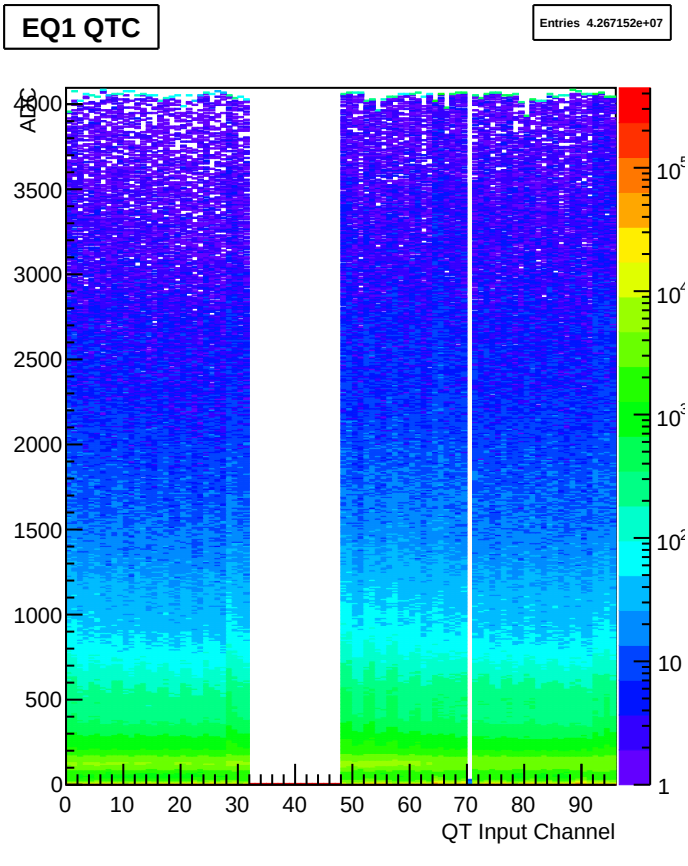

BBQ-VP001 East
Entries 7111920
TADC
QT Input Channel

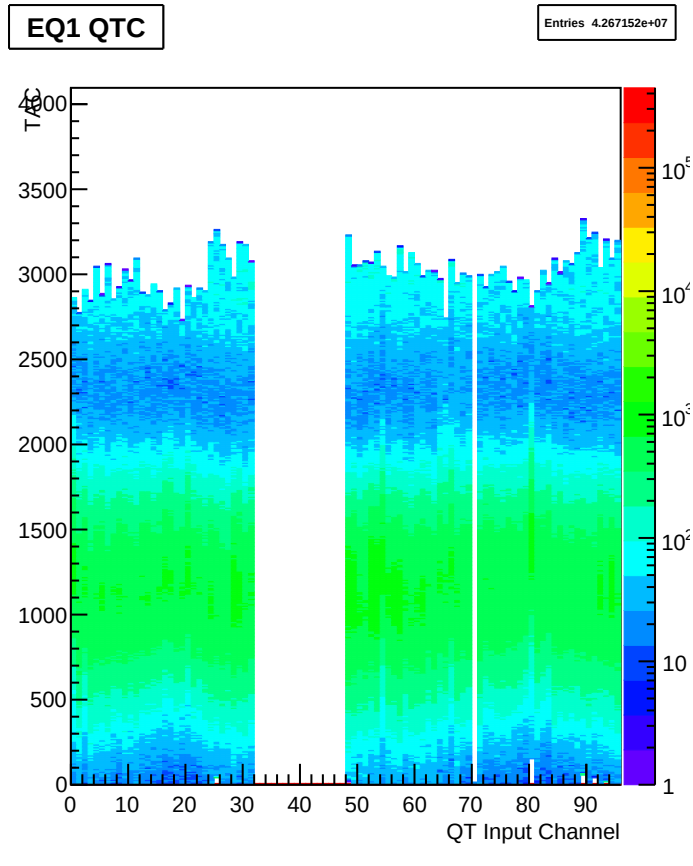

BBQ-VP002 West
Entries 7111920
ADC
QT Input Channel

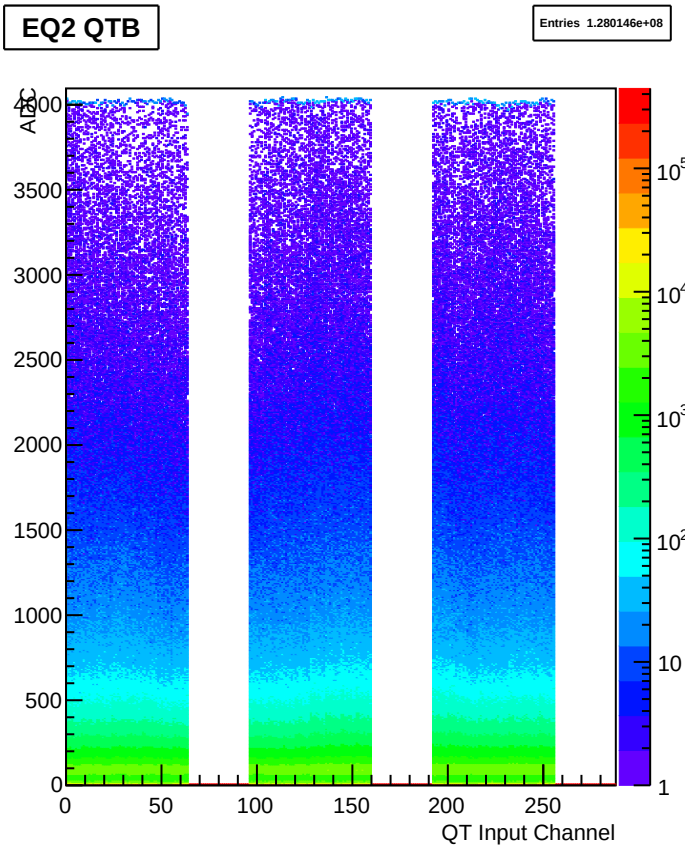

BBQ-VP002 West
Entries 7111920
TADC
QT Input Channel

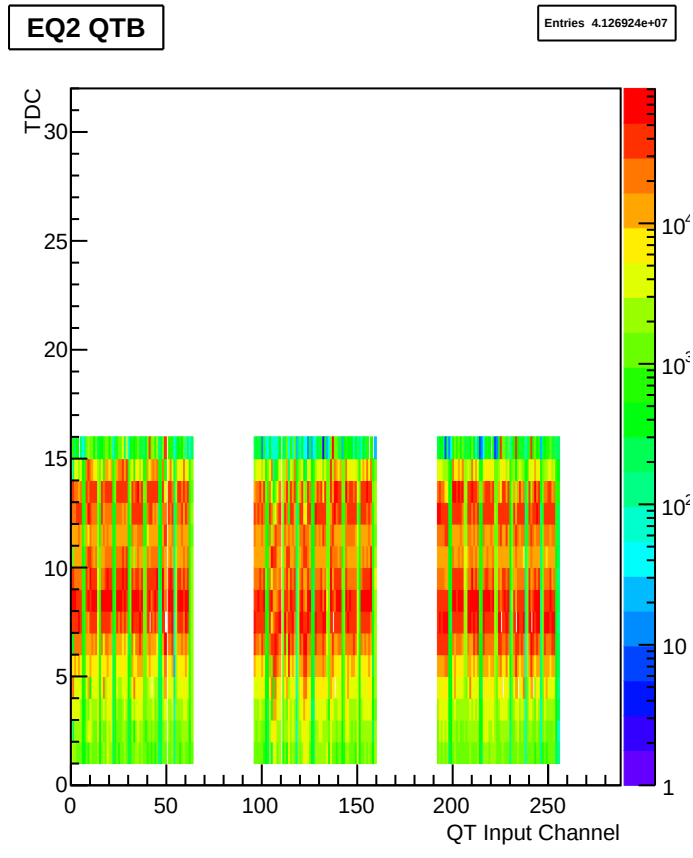

EQ1 QTB
Entries 1.280146e+08
ADC
QT Input Channel

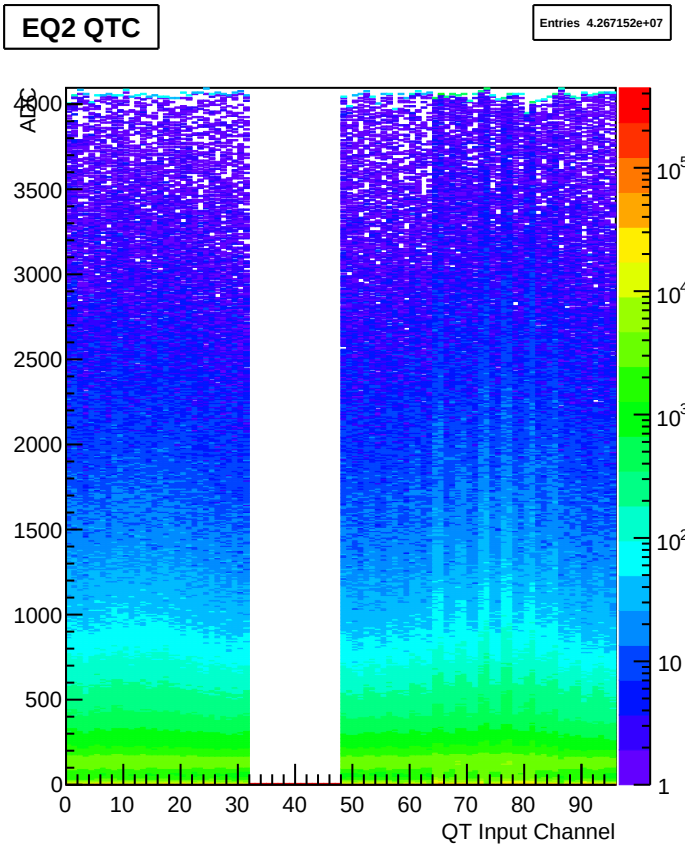

EQ1 QTB
Entries 4.308118e+07
TDC
QT Input Channel

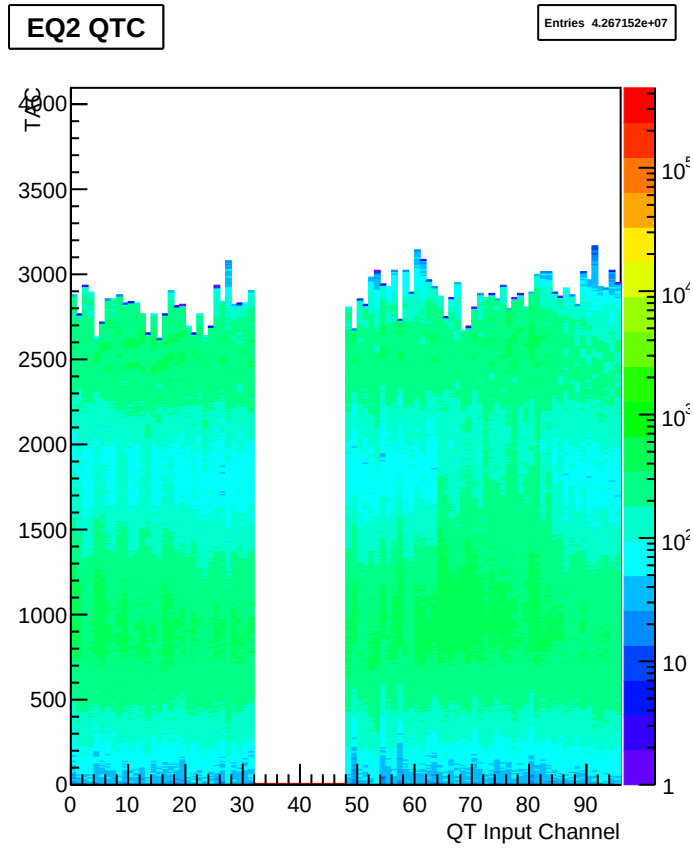

EQ1 QTC
Entries 4.267152e+07
ADC
QT Input Channel

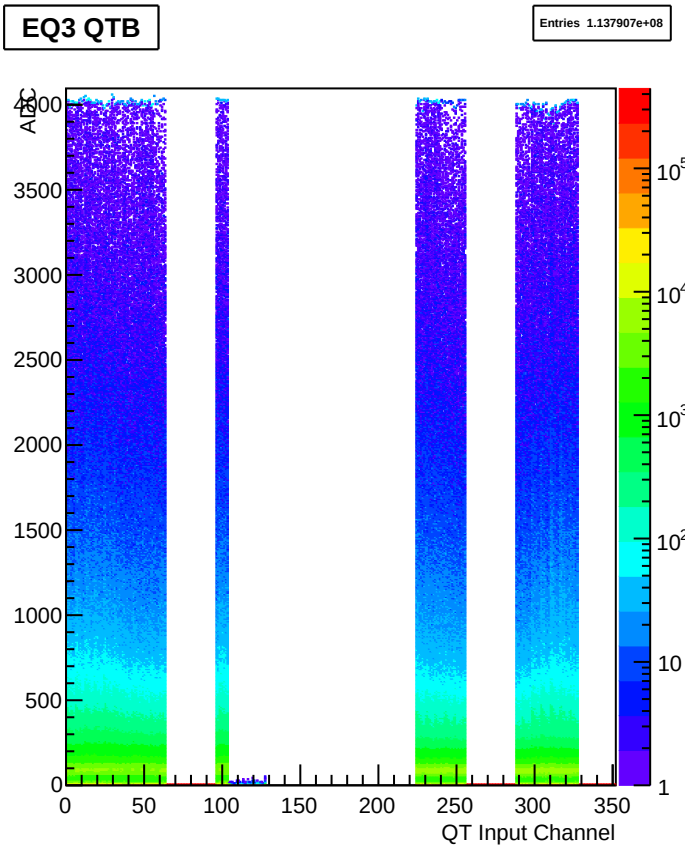

EQ1 QTC
Entries 4.267152e+07
TADC
QT Input Channel

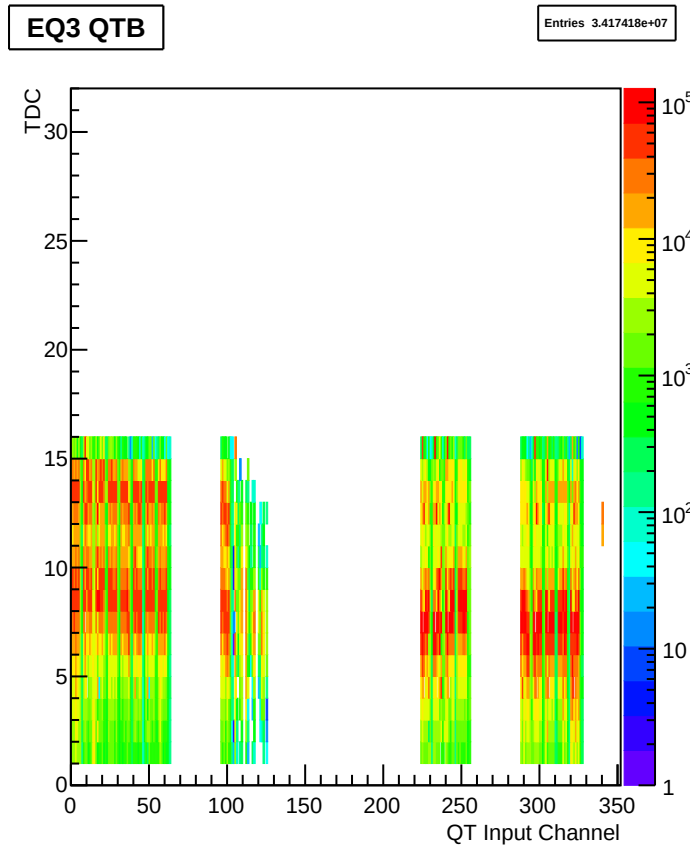

EQ2 QTB
Entries 1.280146e+08
ADC
QT Input Channel

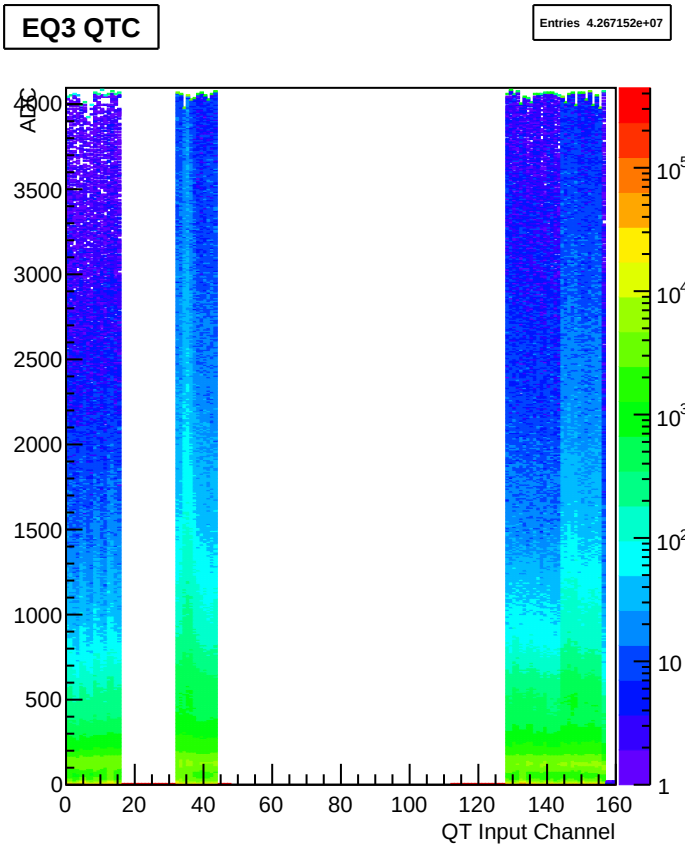

EQ2 QTB
Entries 4.126924e+07
TDC
QT Input Channel

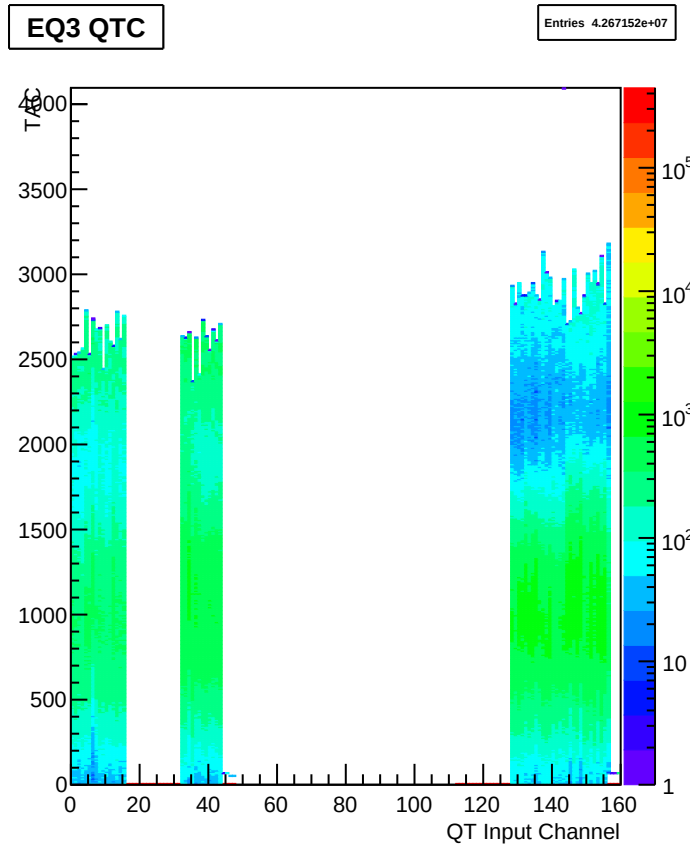

EQ2 QTC
Entries 4.267152e+07
ADC
QT Input Channel

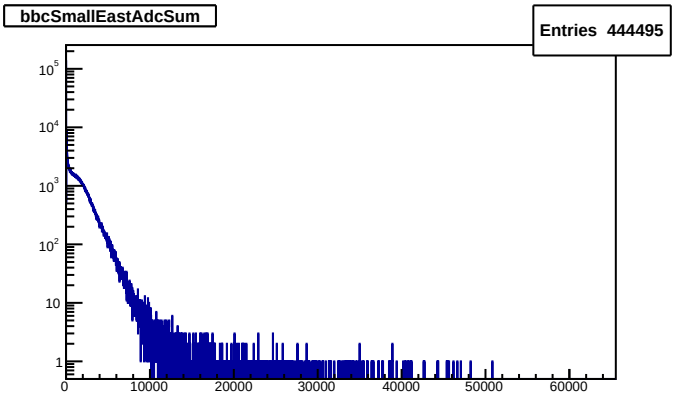

EQ2 QTC
Entries 4.267152e+07
TADC
QT Input Channel

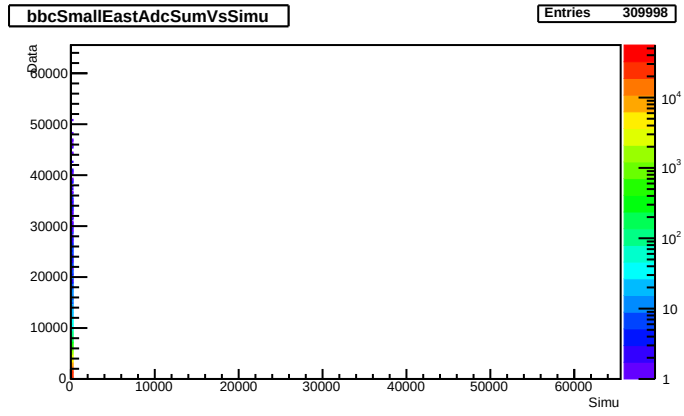

EQ3 QTB
Entries 1.137907e+08
ADC
QT Input Channel

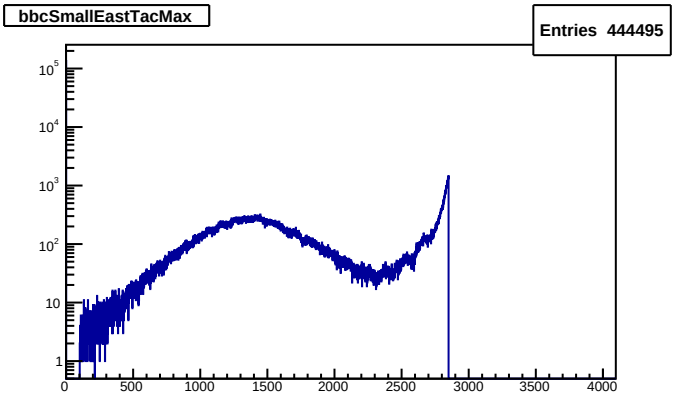

EQ3 QTB
Entries 3.417418e+07
TDC
QT Input Channel

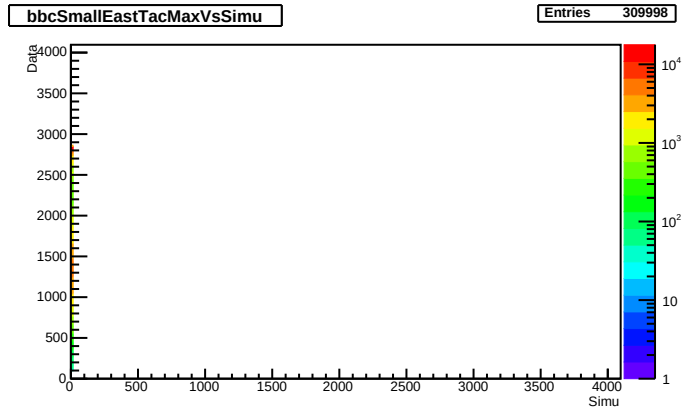

EQ3 QTC
Entries 4.267152e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.267152e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 444495


bbcSmallEastAdcSumVsSimu
Entries 309998
Data
Simu


bbcSmallEastTacMax
Entries 444495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Data
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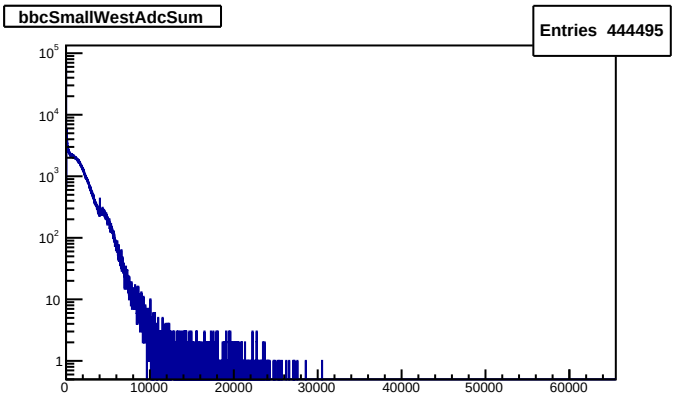
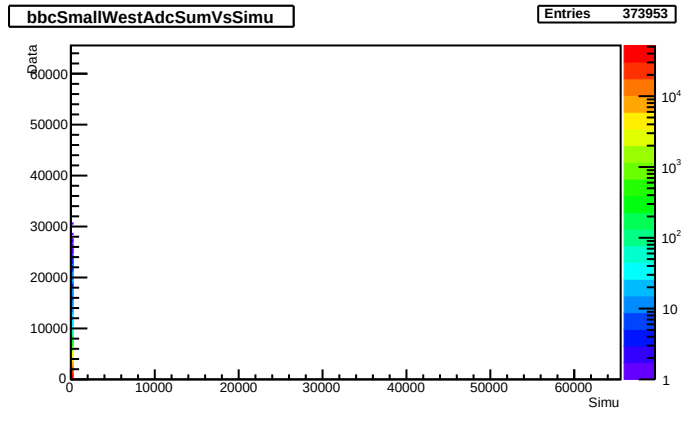

bbcSmallWestAdcSum
Entries 444495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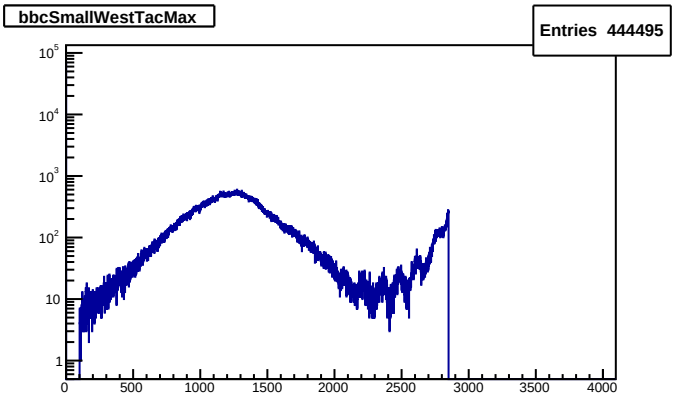
Entries 373953
Data
Simu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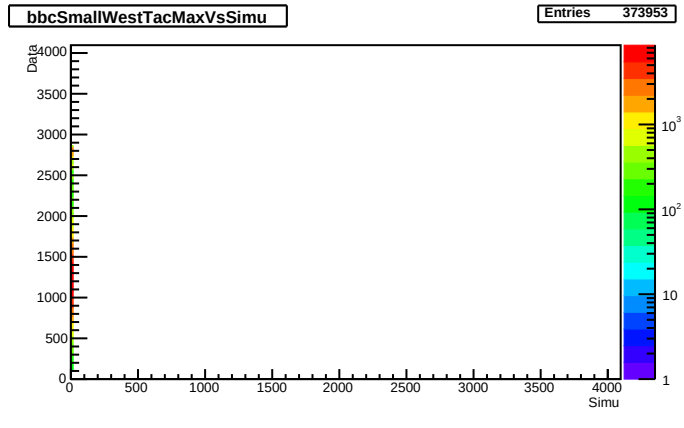
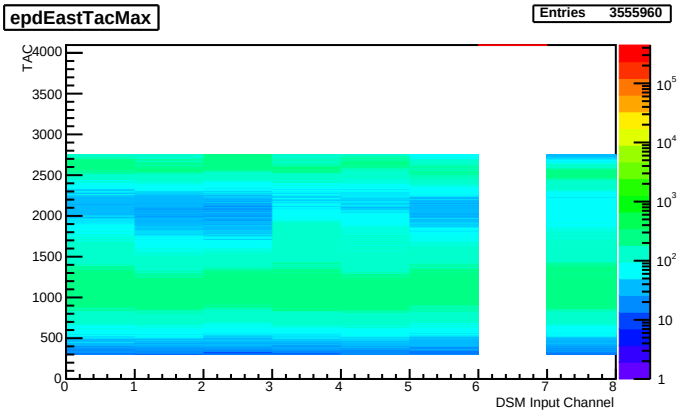
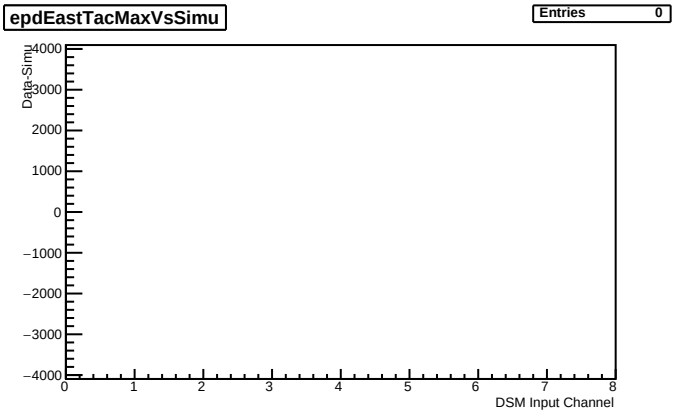
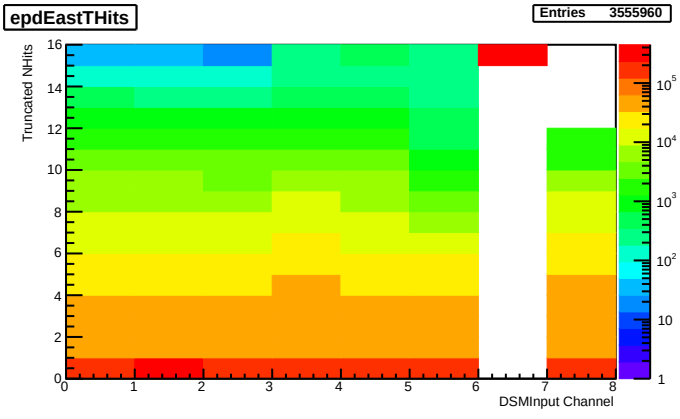
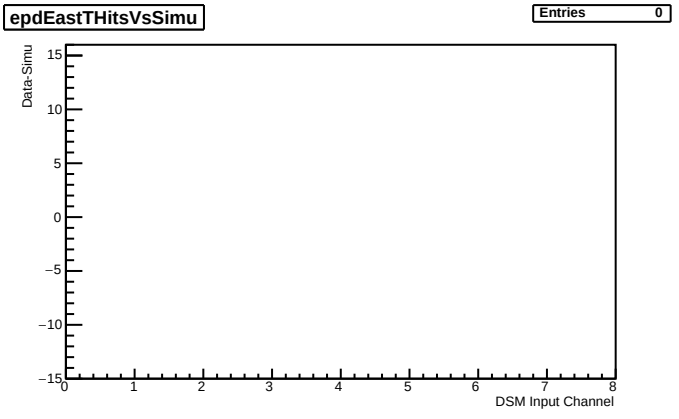
Entries 444495


bbcSmallWestTacMaxVsSimu
Entries 373953
Data
Simu


epdEastTacMax
Entries 3555960
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3555960
Truncated NHits
DSMInput Channel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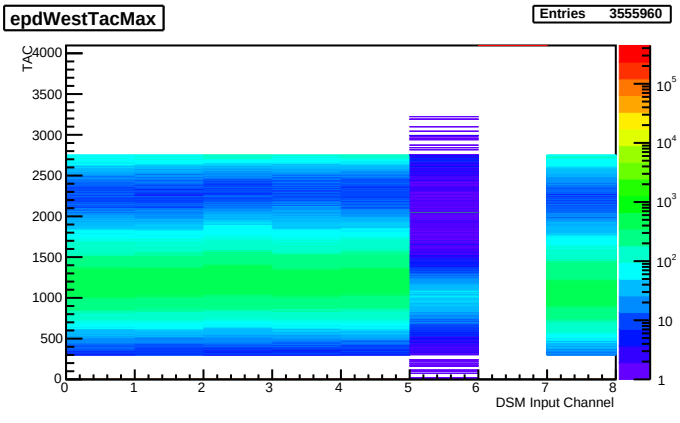
Entries 0
Data-Simu
DSM Input Channel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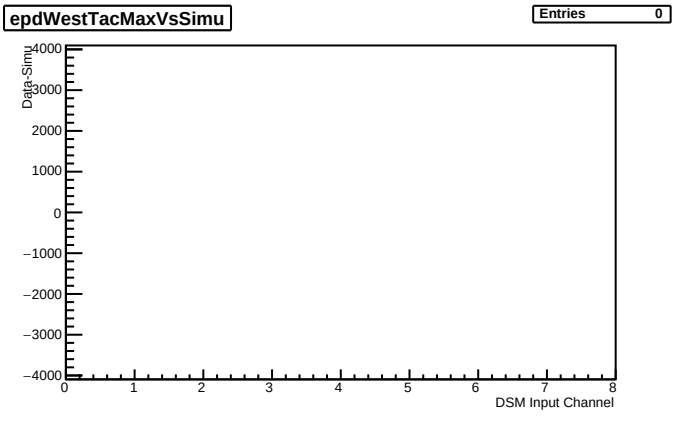
Entries 3555960
TAC
DSM Input Channel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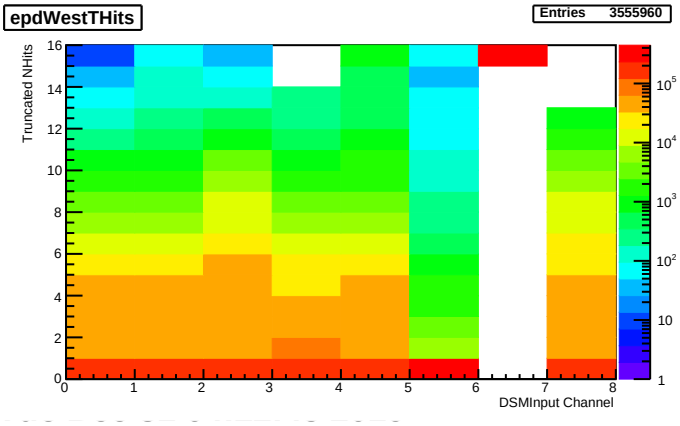
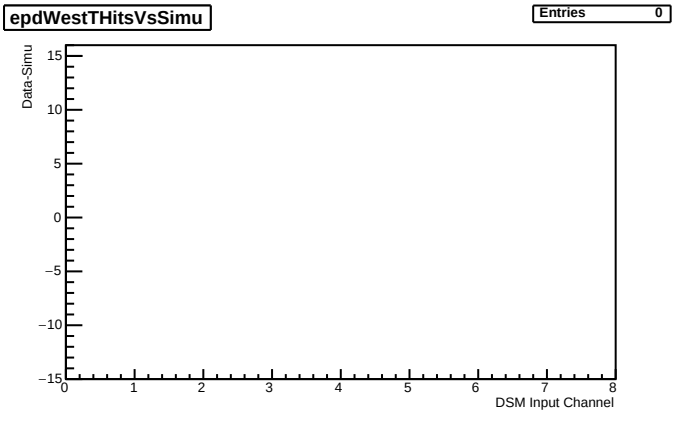
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3555960
Truncated NHits
DSMInput Channel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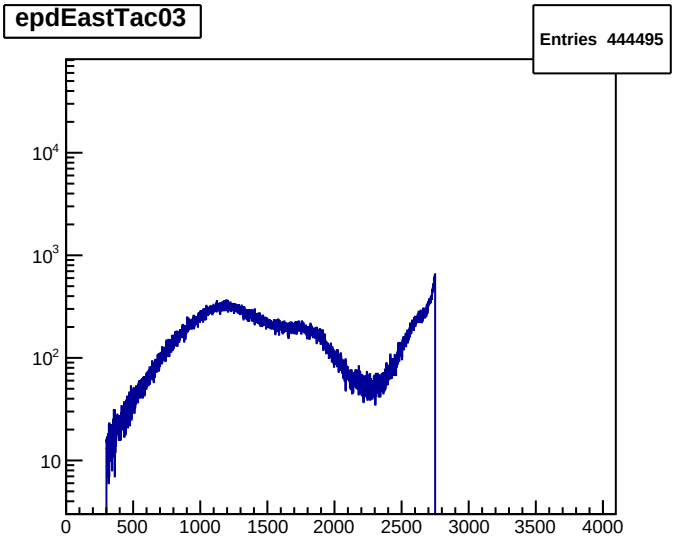
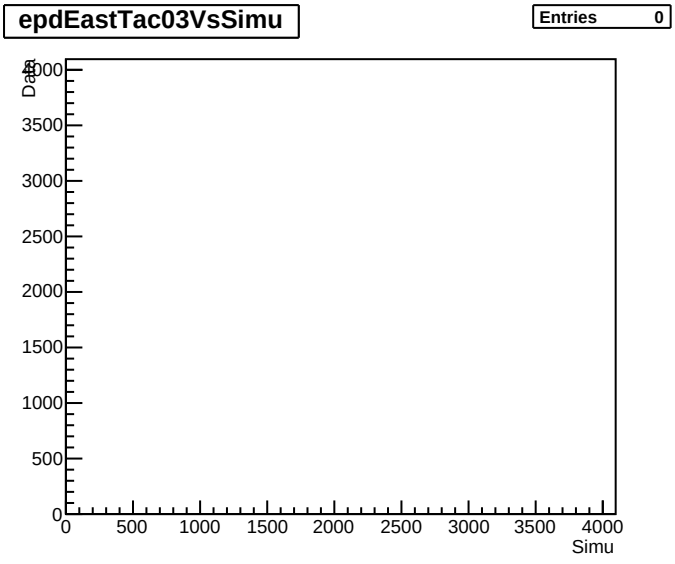
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 444495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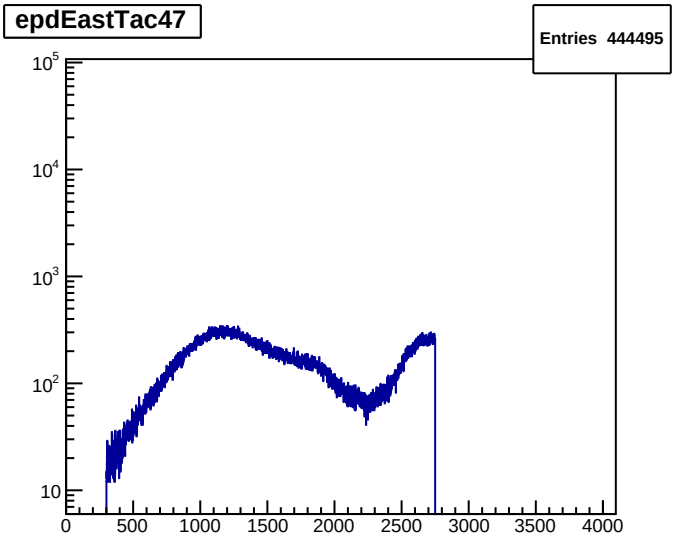
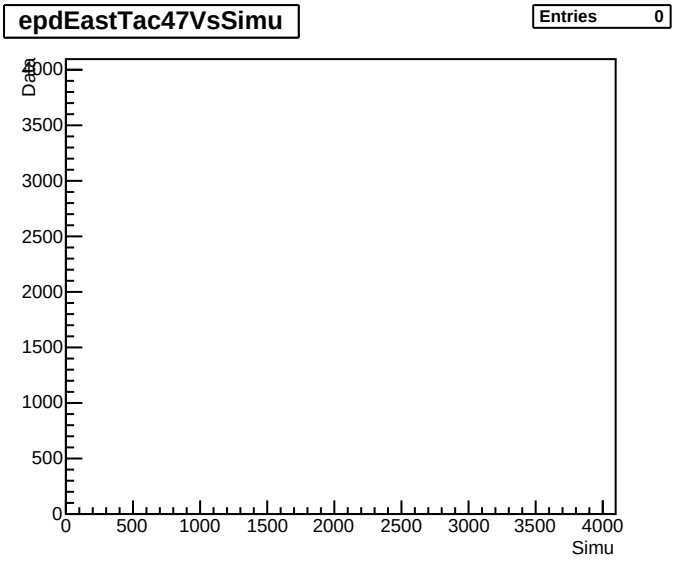
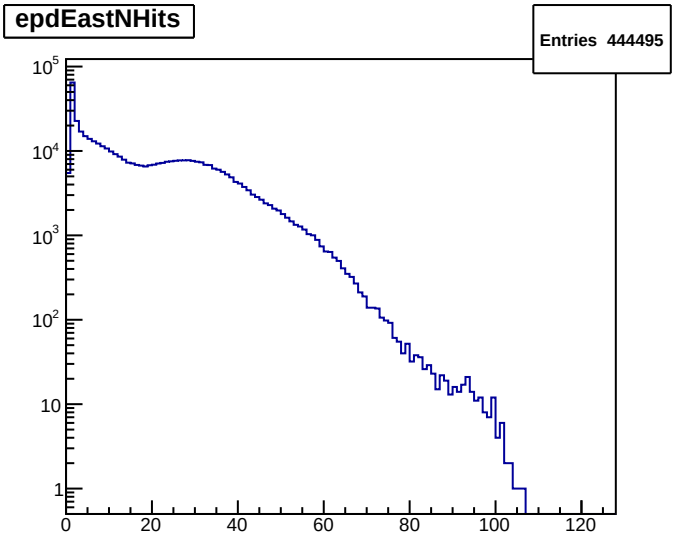
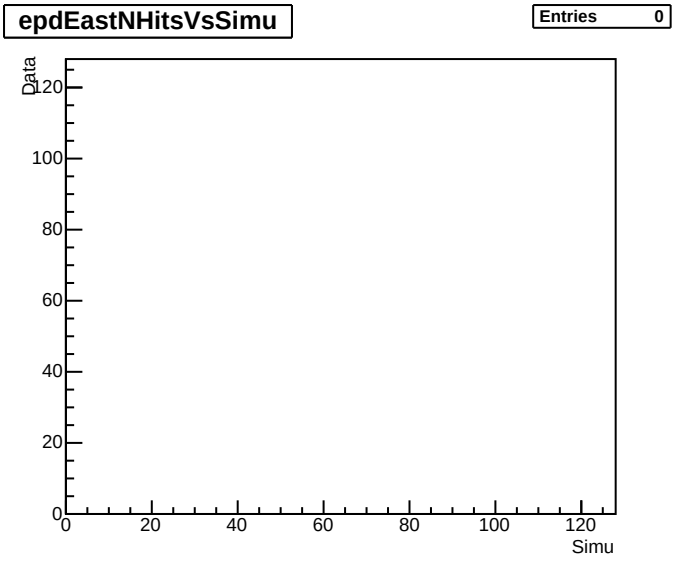
Entries 0
Data
Simu


epdEastTac47
Entries 444495


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 444495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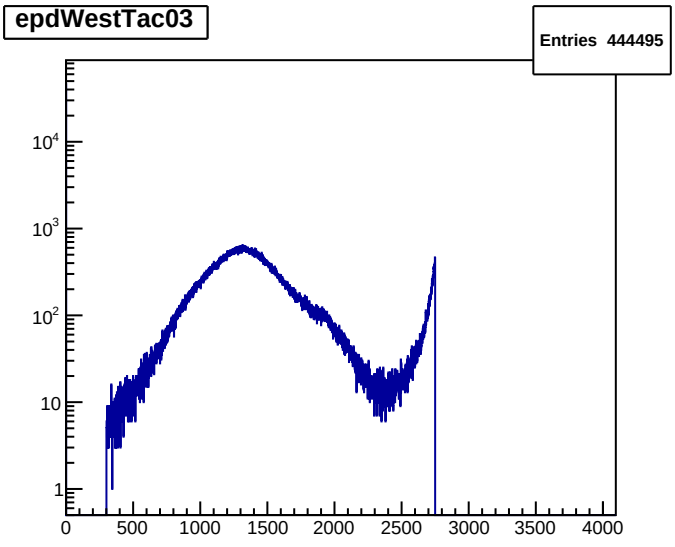
Entries 0
Data
Simu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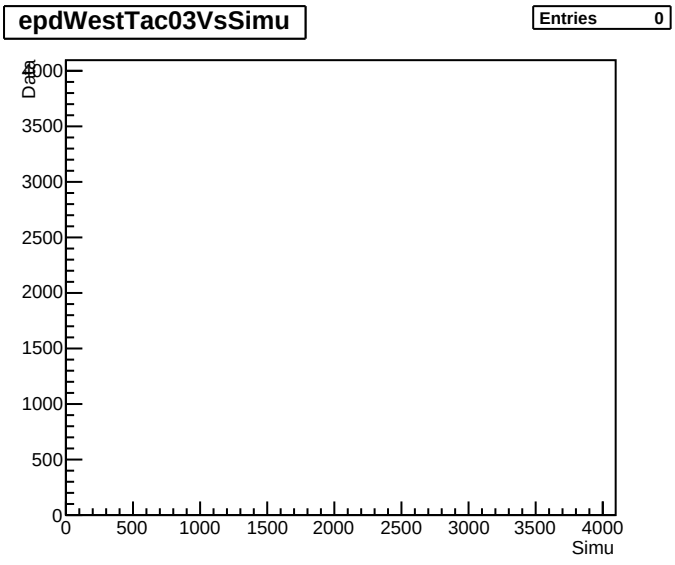
Entries 444495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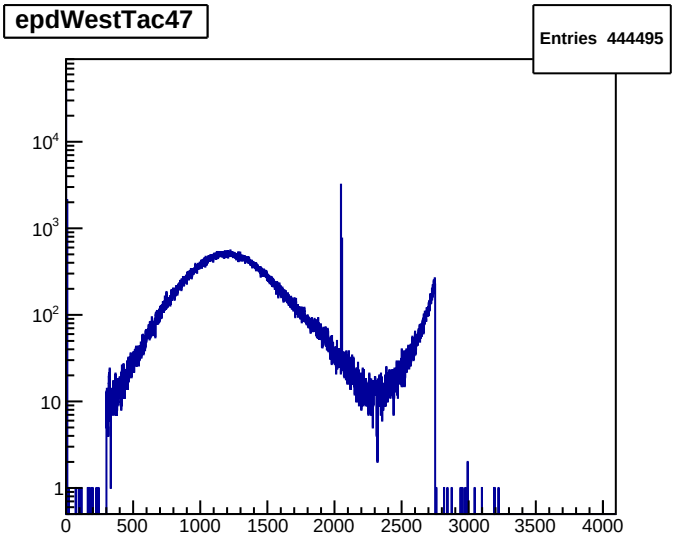
Entries 0
Data
Simu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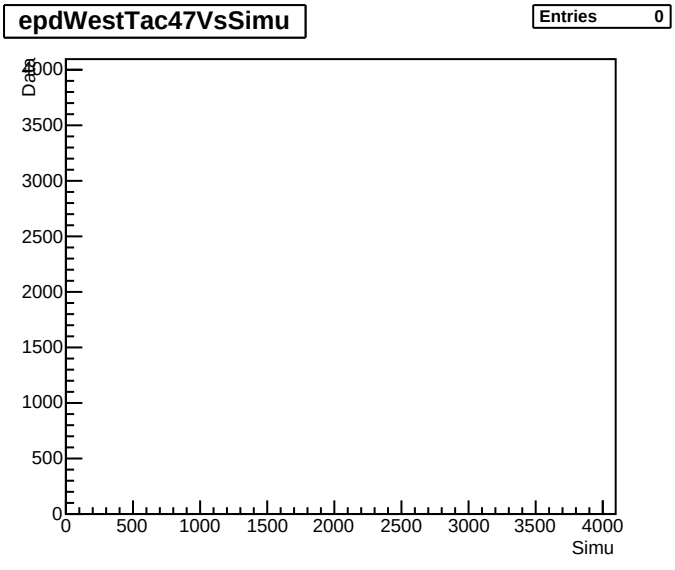
Entries 444495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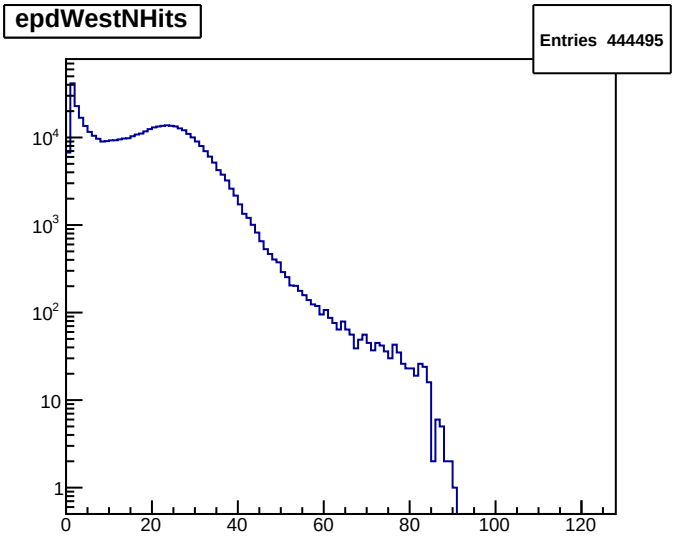
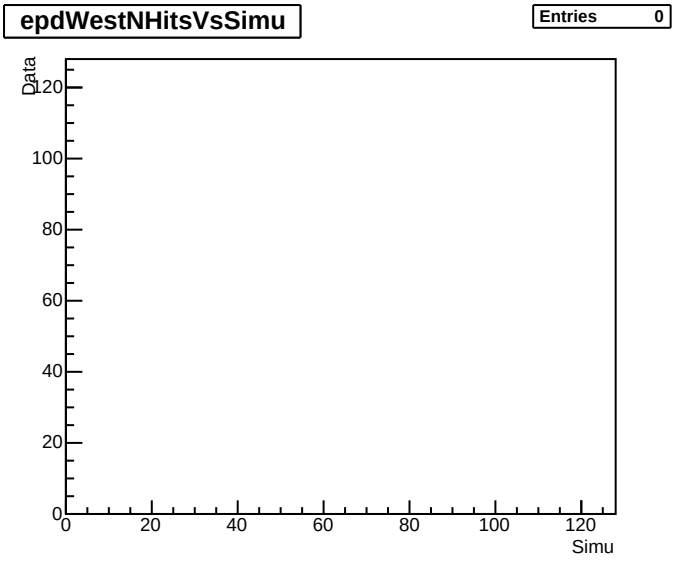
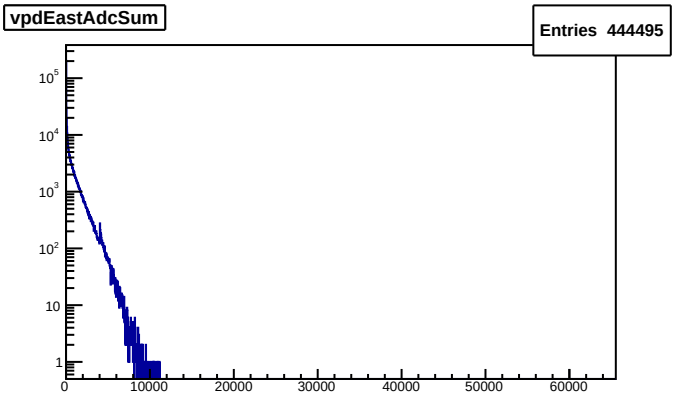
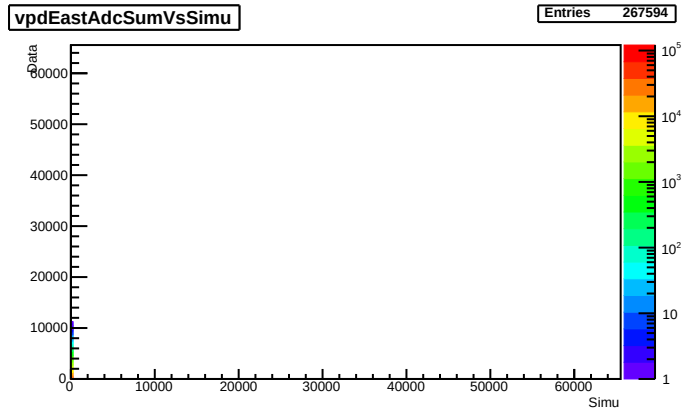
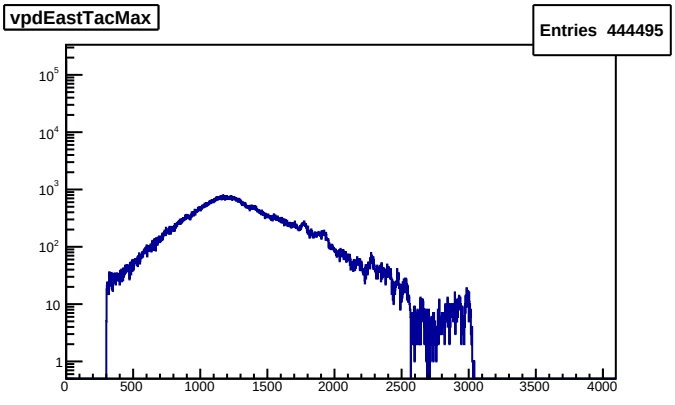
Entries 0
Data
Simu

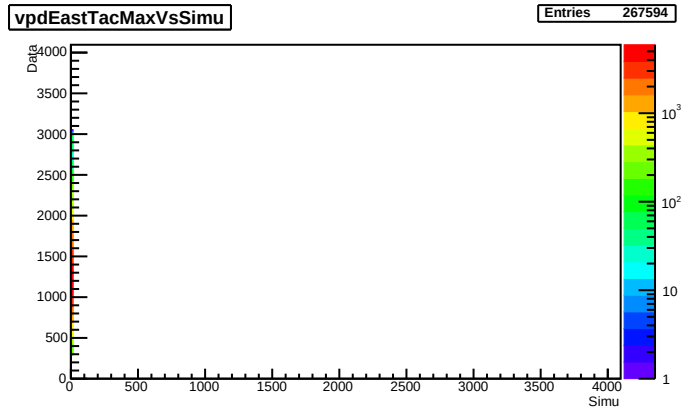

epdWestNHits
Entries 444495


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 444495


vpdEastAdcSumVsSimu
Entries 267594
Data
Simu


vpdEastTacMax
Entries 444495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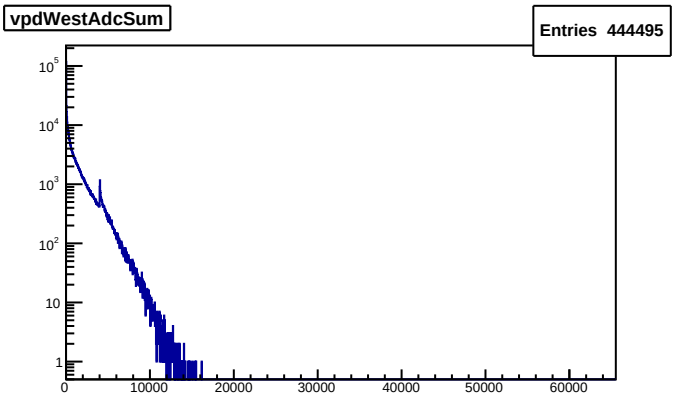
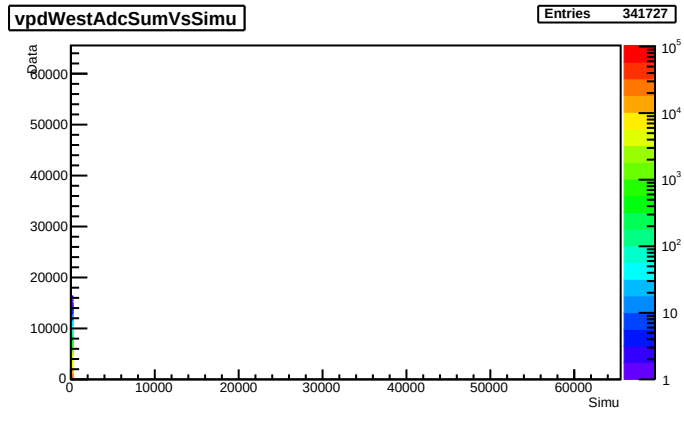
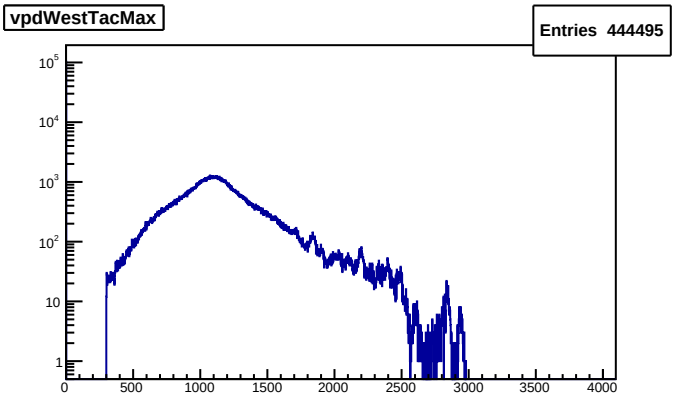
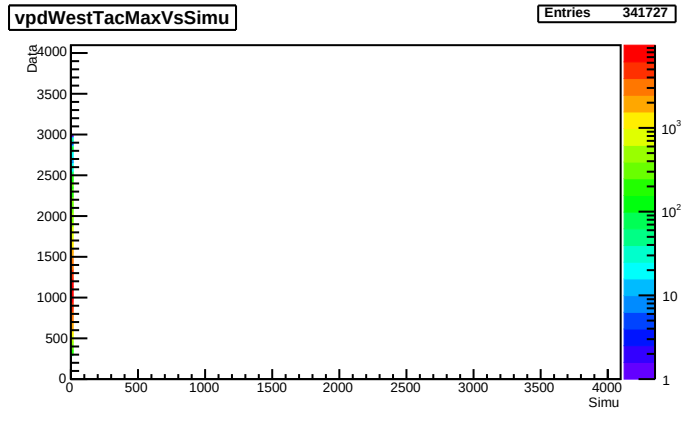
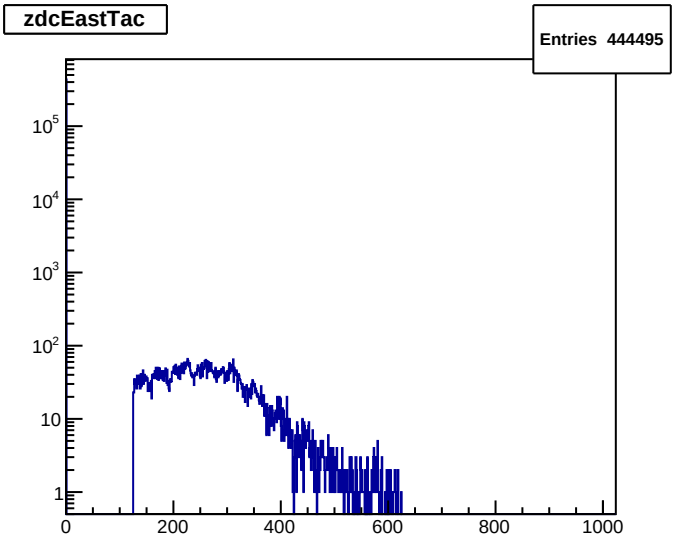
Entries 267594
Data
Simu

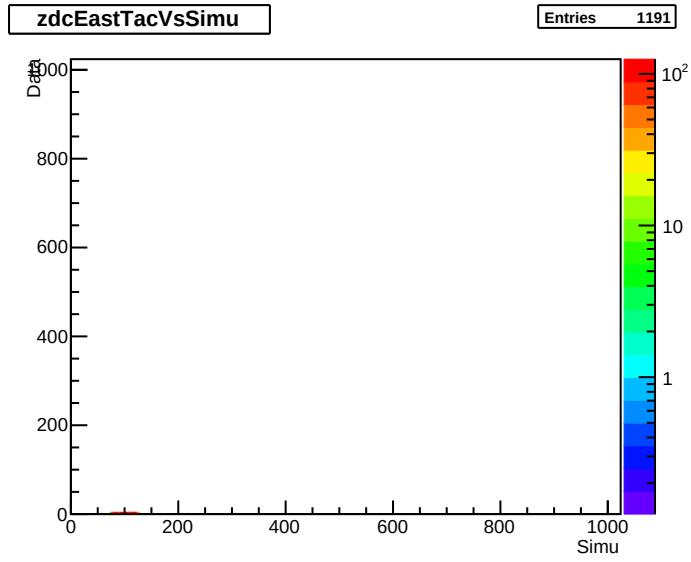

vpdWestAdcSum
Entries 444495

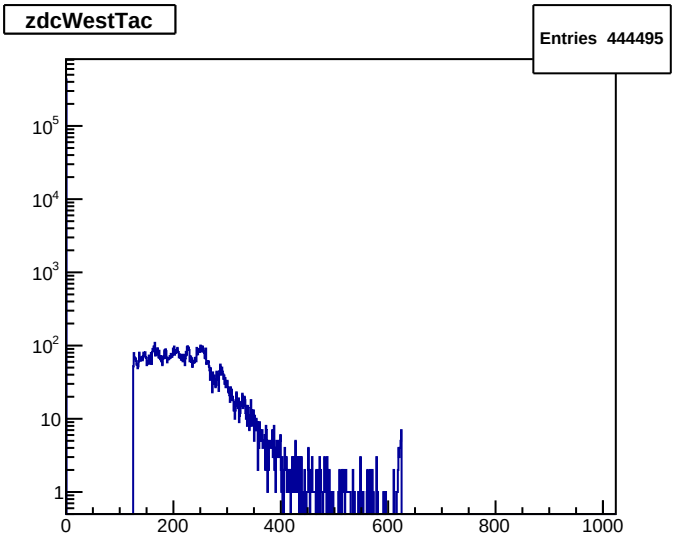

vpdWestAdcSumVsSimu
Entries 341727
Data
Simu

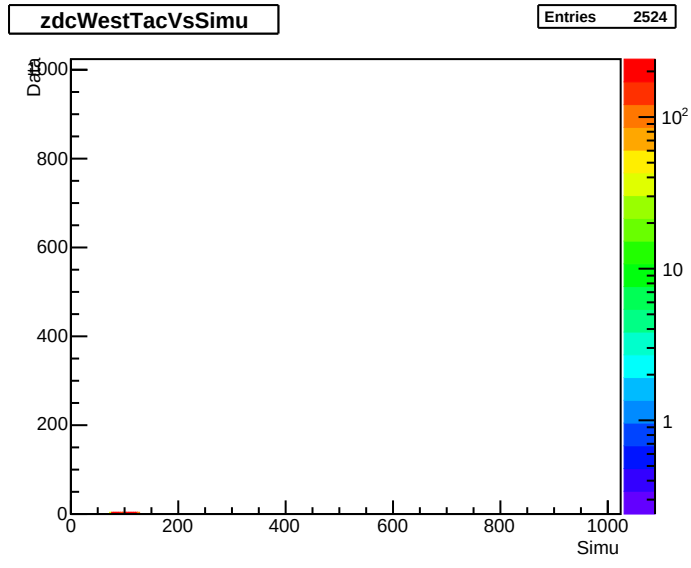

vpdWestTacMax
Entries 444495

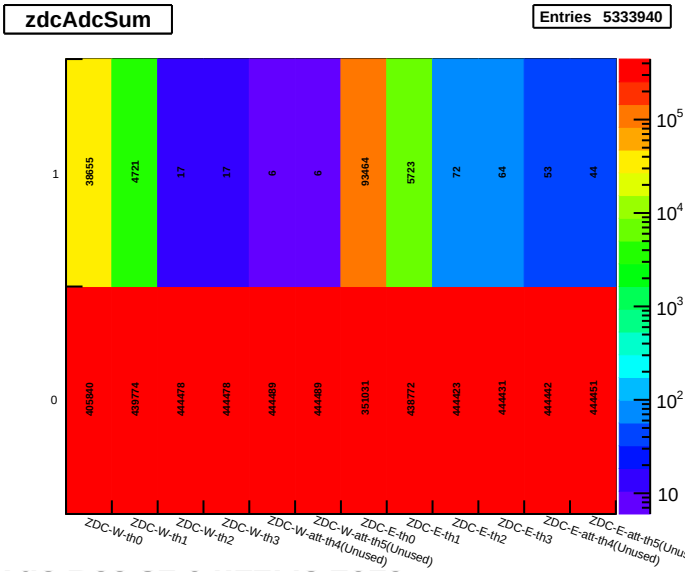

vpdWestTacMaxVsSimu
Entries 341727
Data
Simu

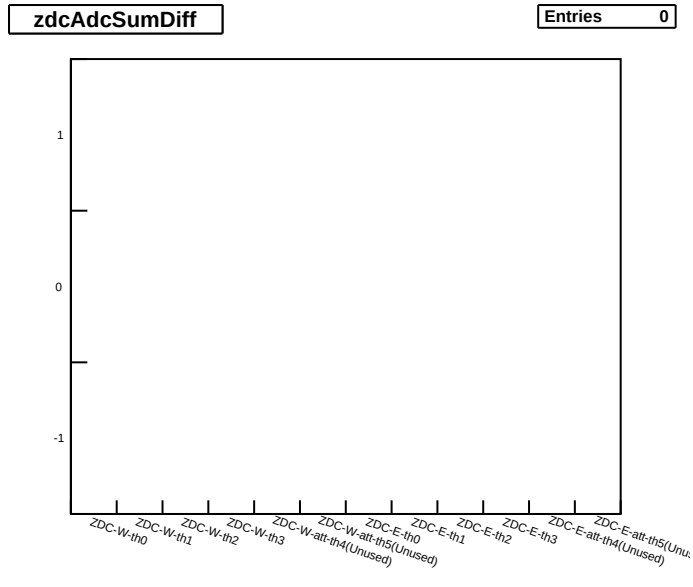

zdcEastTac
Entries 444495

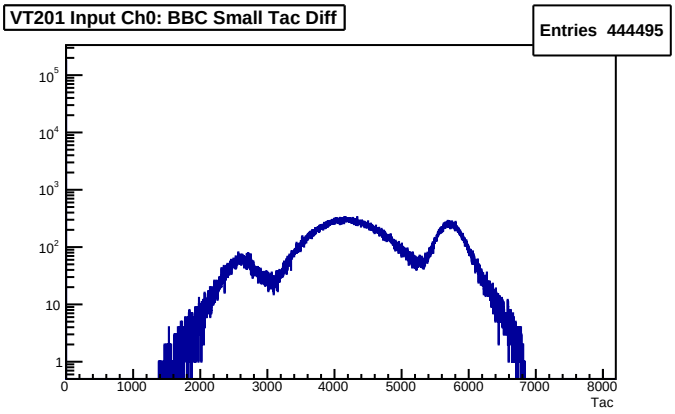

zdcEastTacVsSimu
Entries 1191
Data
Simu

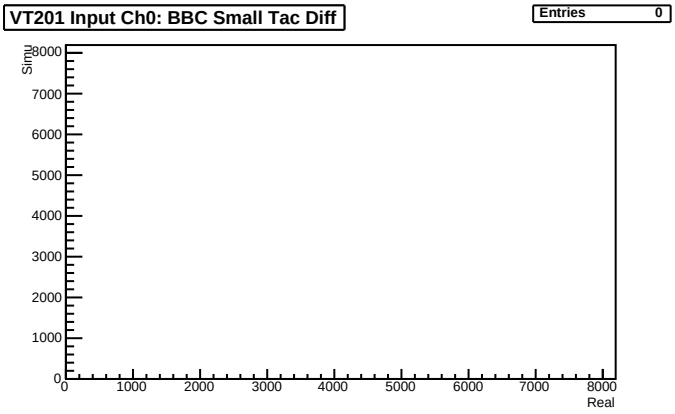

zdcWestTac
Entries 444495

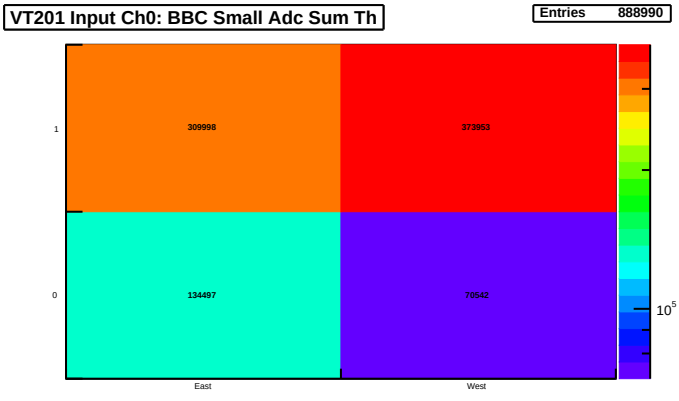

zdcWestTacVsSimu
Entries 2524
Data
Simu

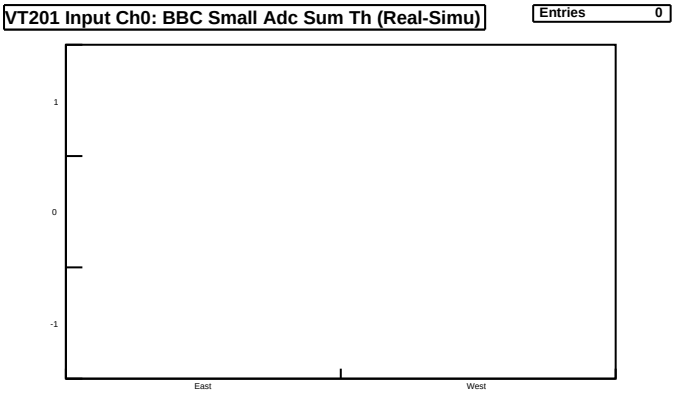

zdcAdcSum
Entries 5333940
38655
4721
17
17
6
6
93464
5723
72
64
53
44
405840
439774
444478
444478
444489
444489
351031
438772
444423
444431
444442
444451
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

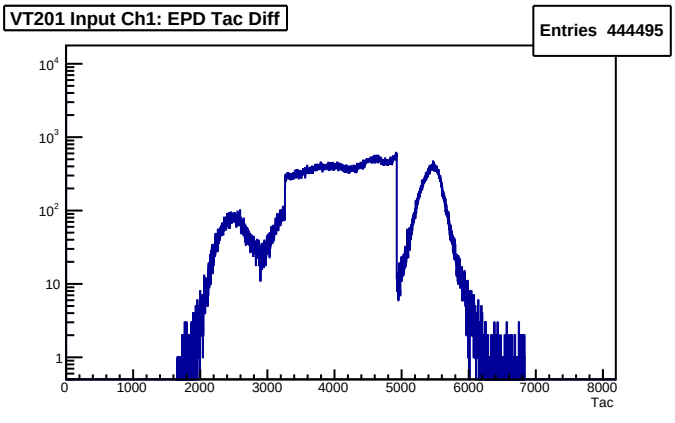

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

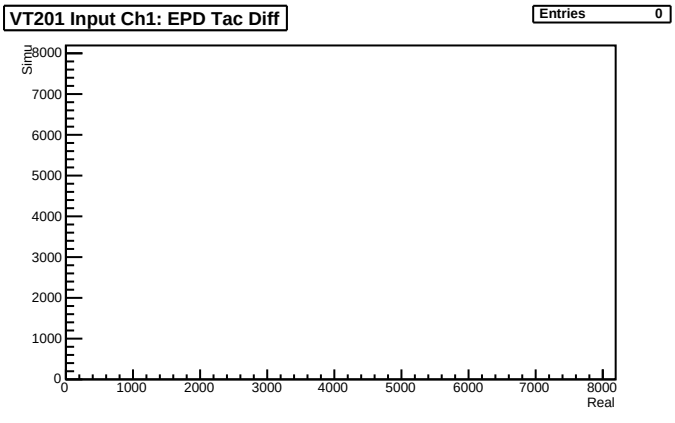

VT201 Input Ch0: BBC Small Tac Diff
Entries 444495
Tac

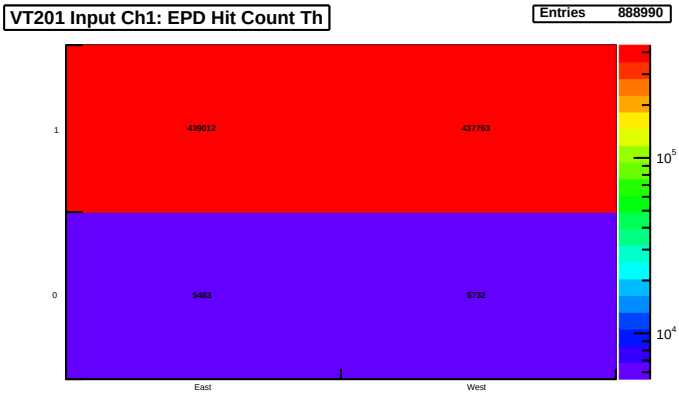

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

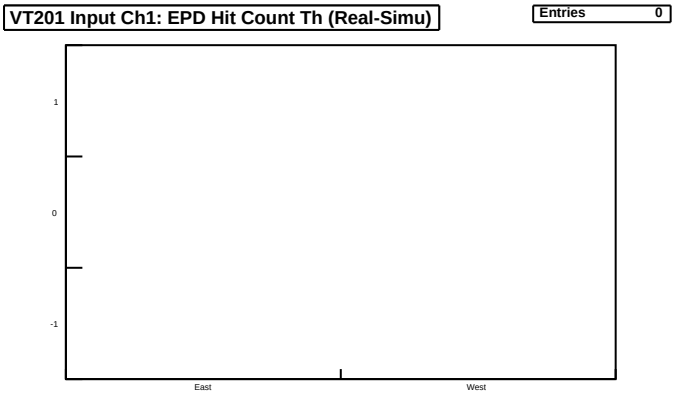

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 888990
309998
373953
134497
70542
East
West

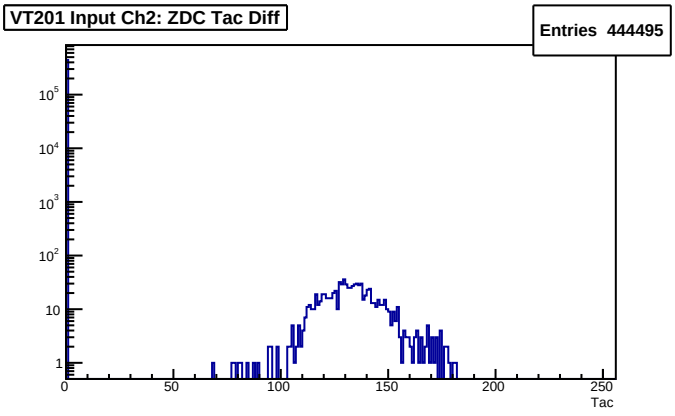

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

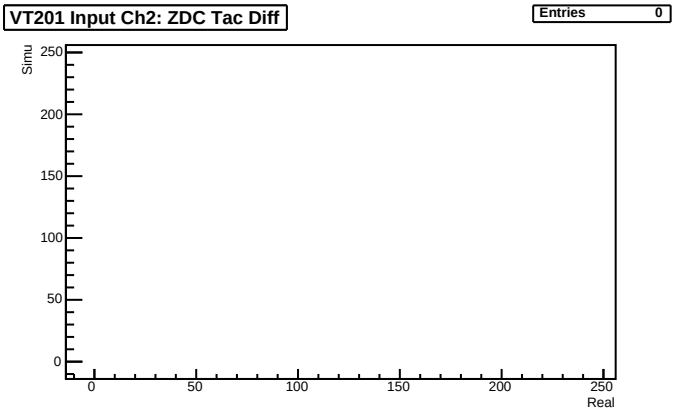

VT201 Input Ch1: EPD Tac Diff
Entries 444495
Tac

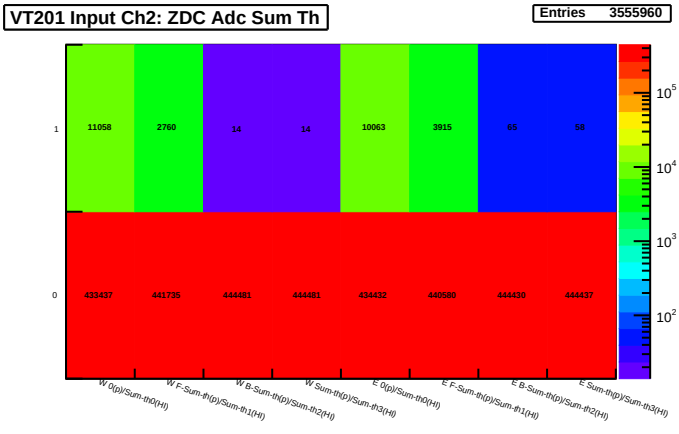

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

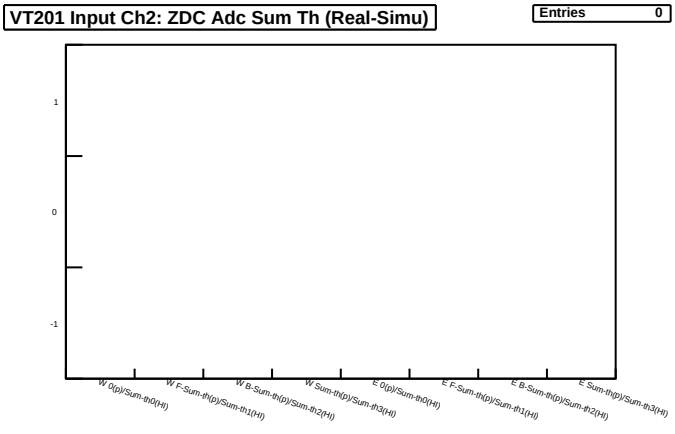

VT201 Input Ch1: EPD Hit Count Th
Entries 888990
439012
437763
5483
6732
East
West

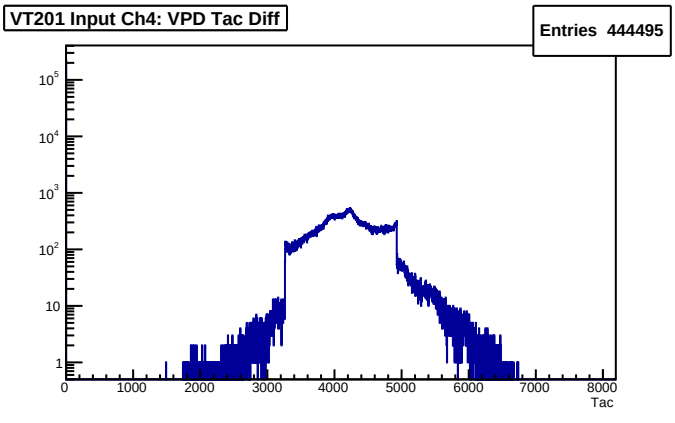

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

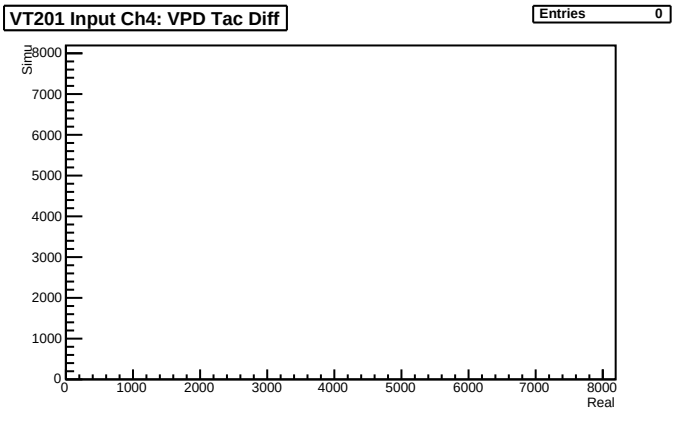

VT201 Input Ch2: ZDC Tac Diff
Entries 444495
Tac

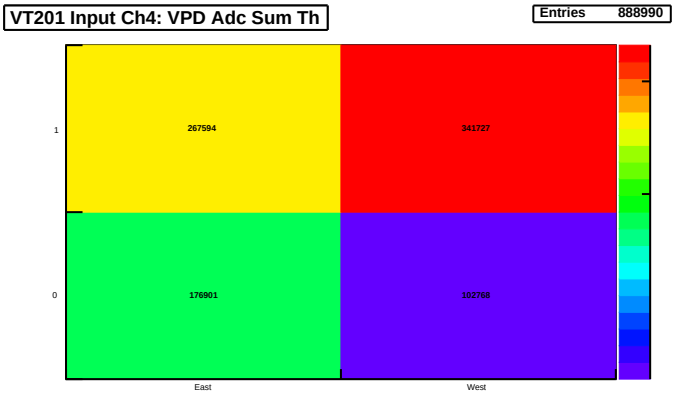

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

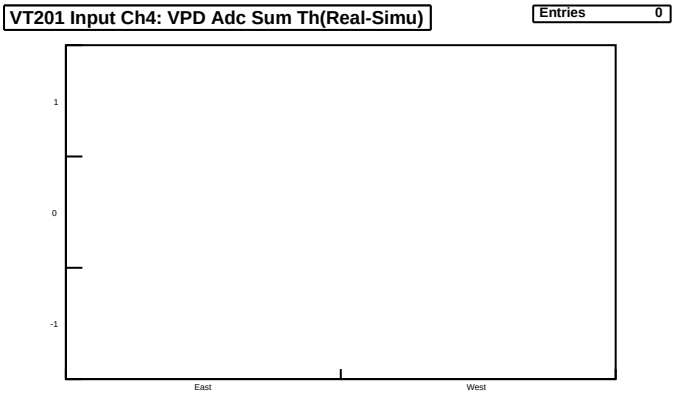

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3555960
11058
2760
14
14
10063
3915
65
58
433437
441735
444481
444481
434432
440580
444430
444437
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

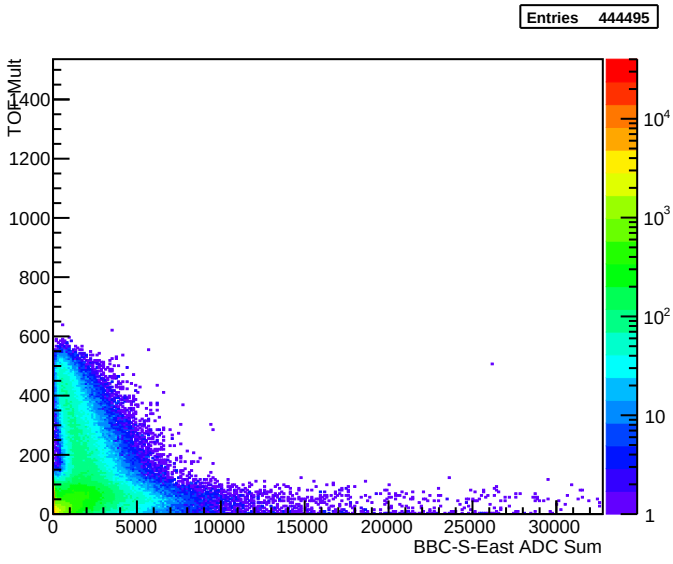

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

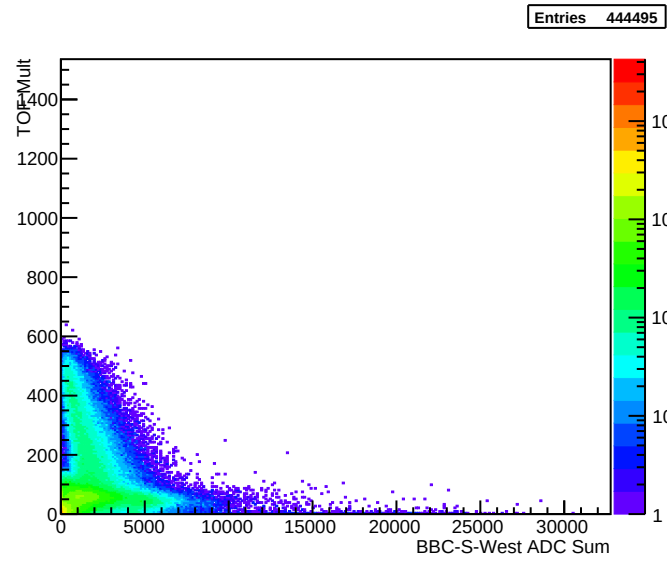

VT201 Input Ch4: VPD Tac Diff
Entries 444495
Tac

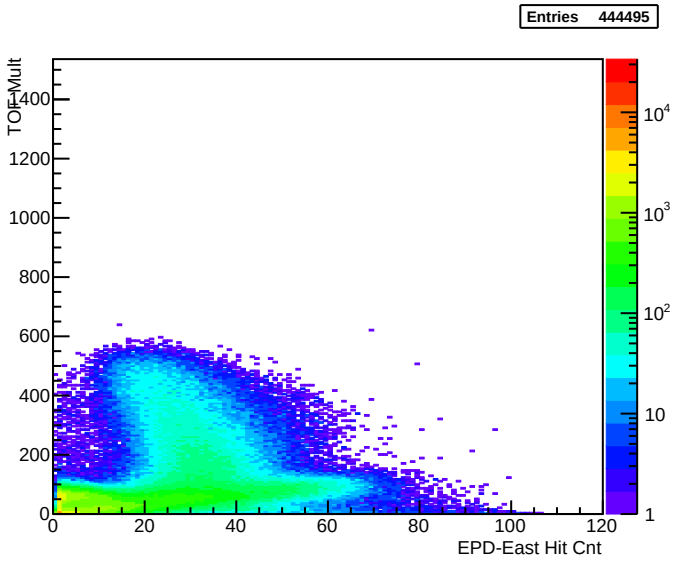

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

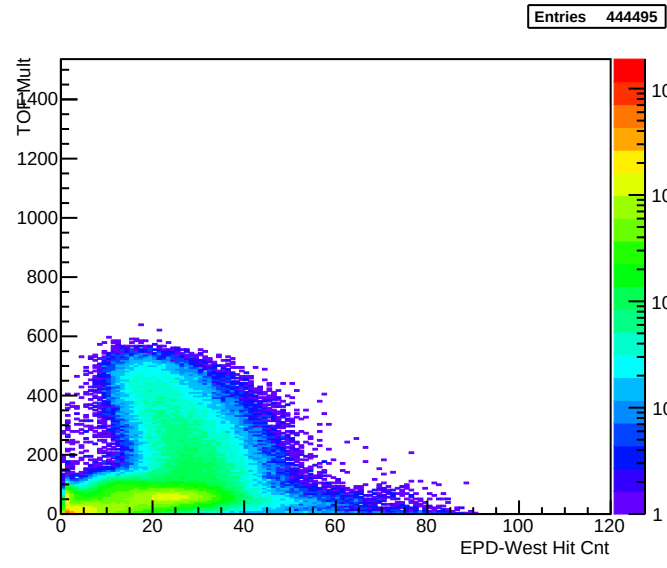

VT201 Input Ch4: VPD Adc Sum Th
Entries 888990
267594
341727
176901
102768
East
West

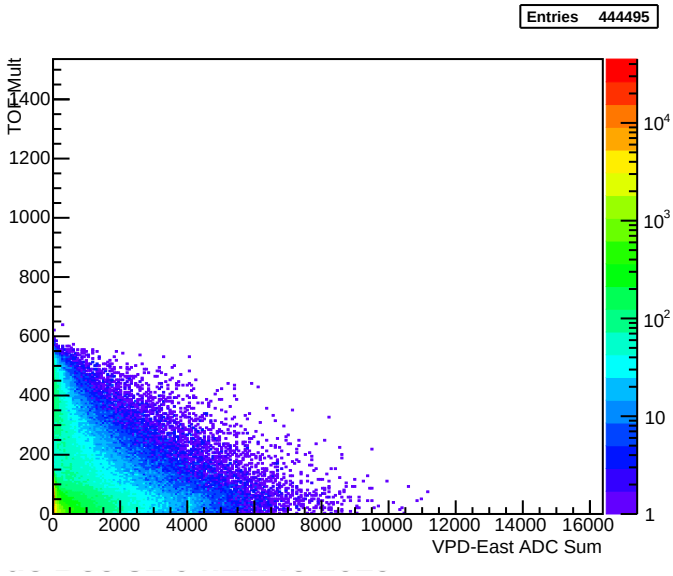

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

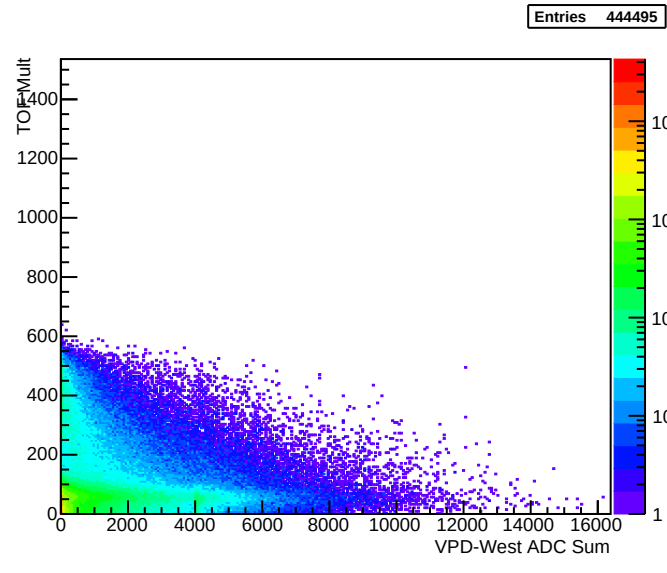

Entries 444495
TOF-Mult
BBC-S-East ADC Sum

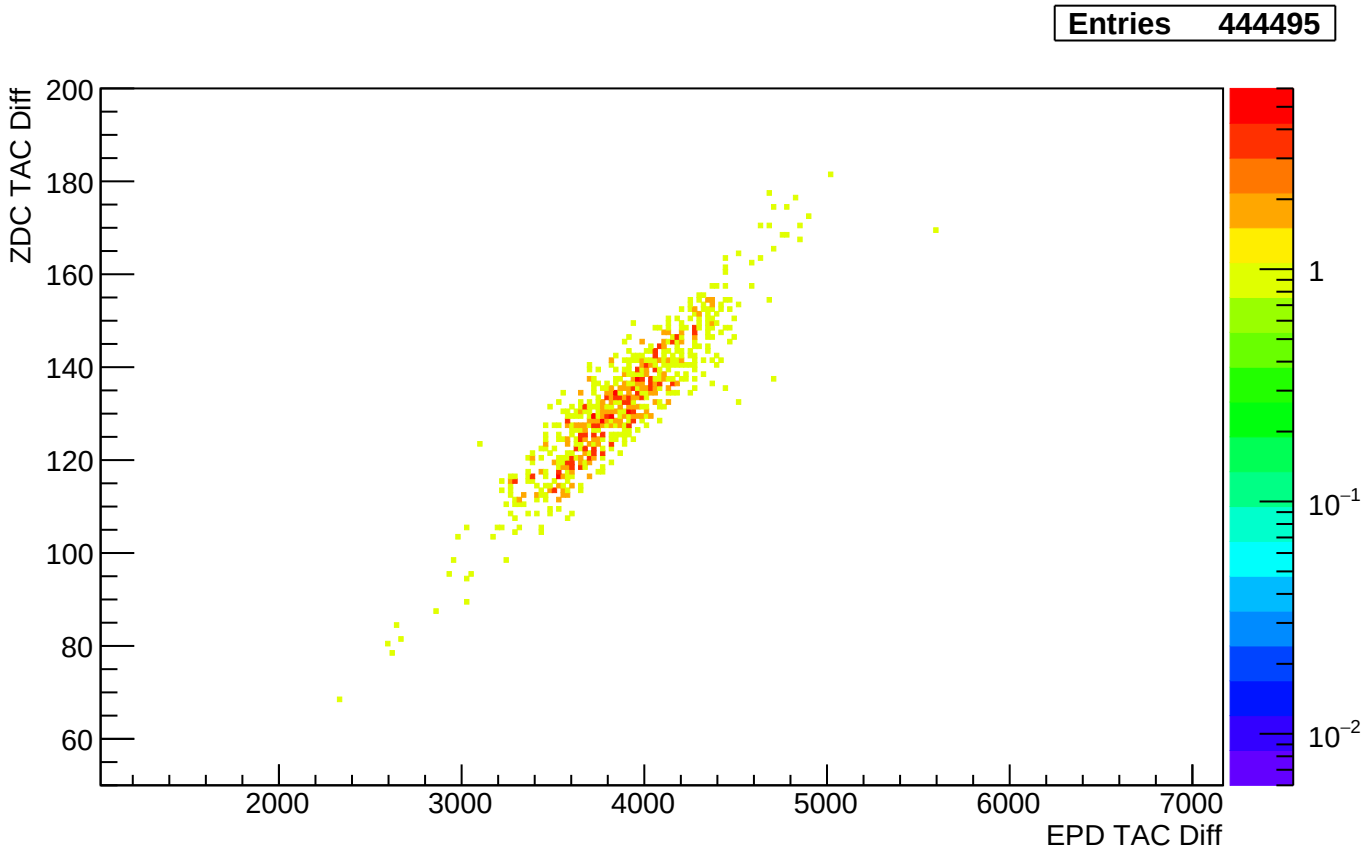

Entries 444495
TOF-Mult
BBC-S-West ADC Sum

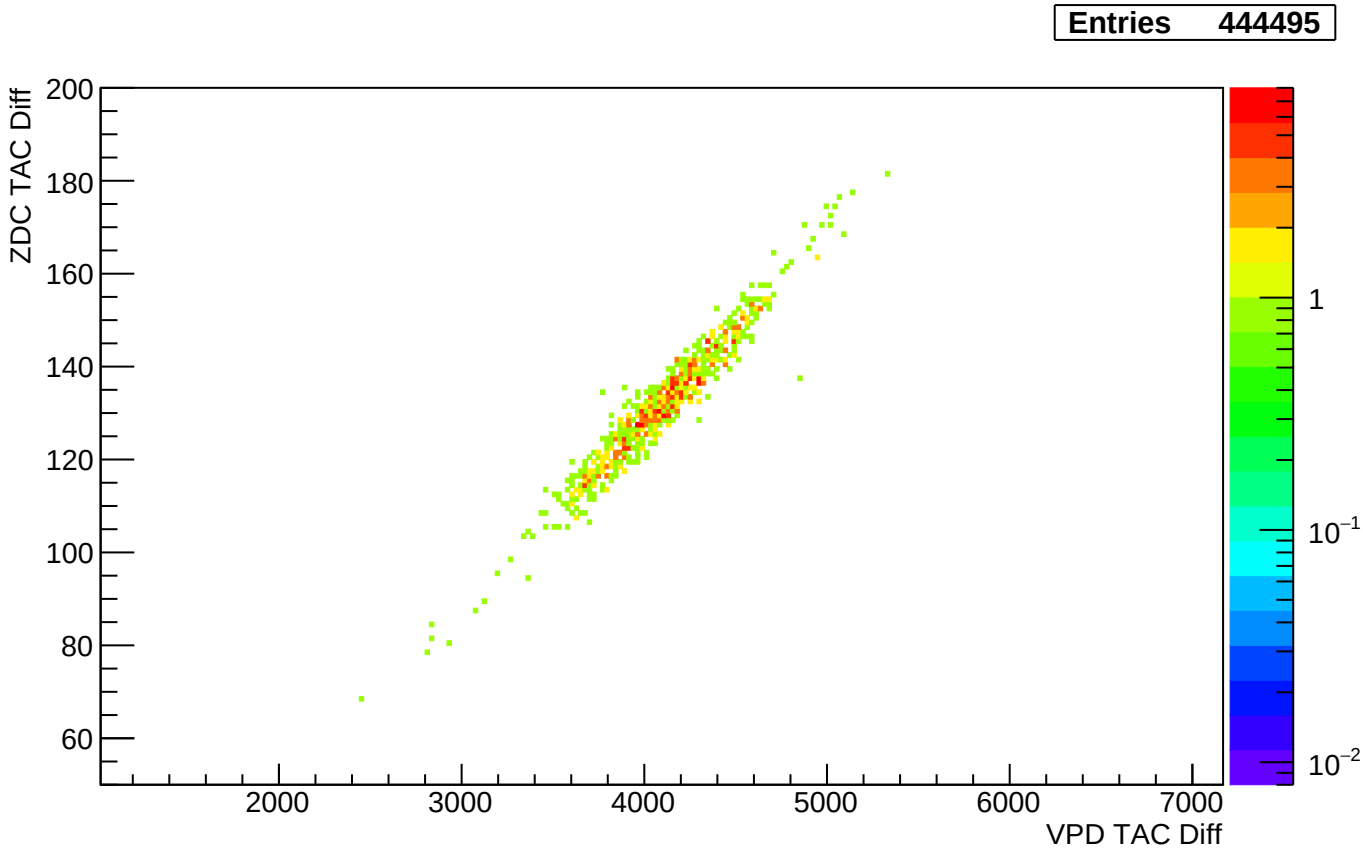

Entries 444495
TOF-Mult
EPD-East Hit Cnt

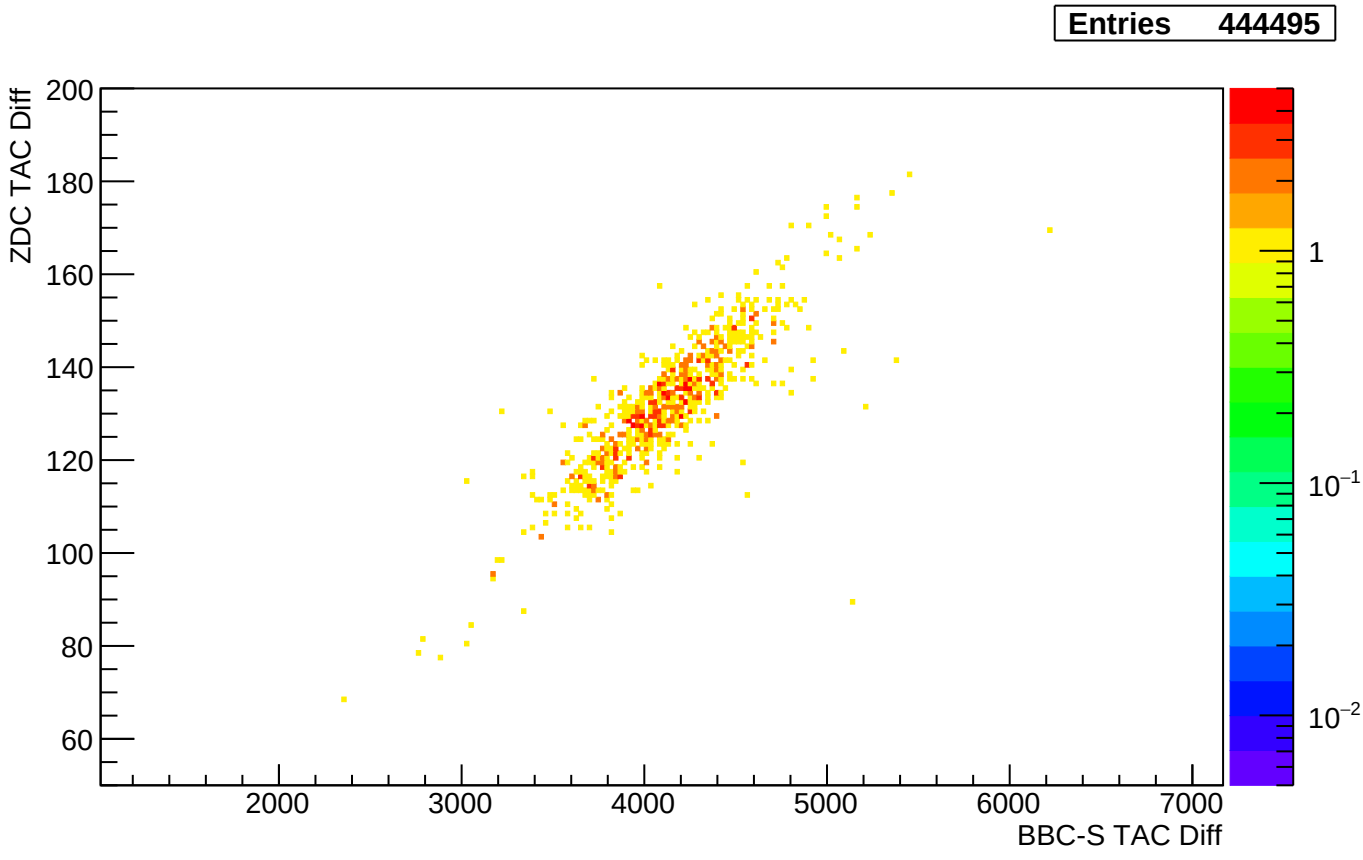

Entries 444495
TOF-Mult
EPD-West Hit Cnt

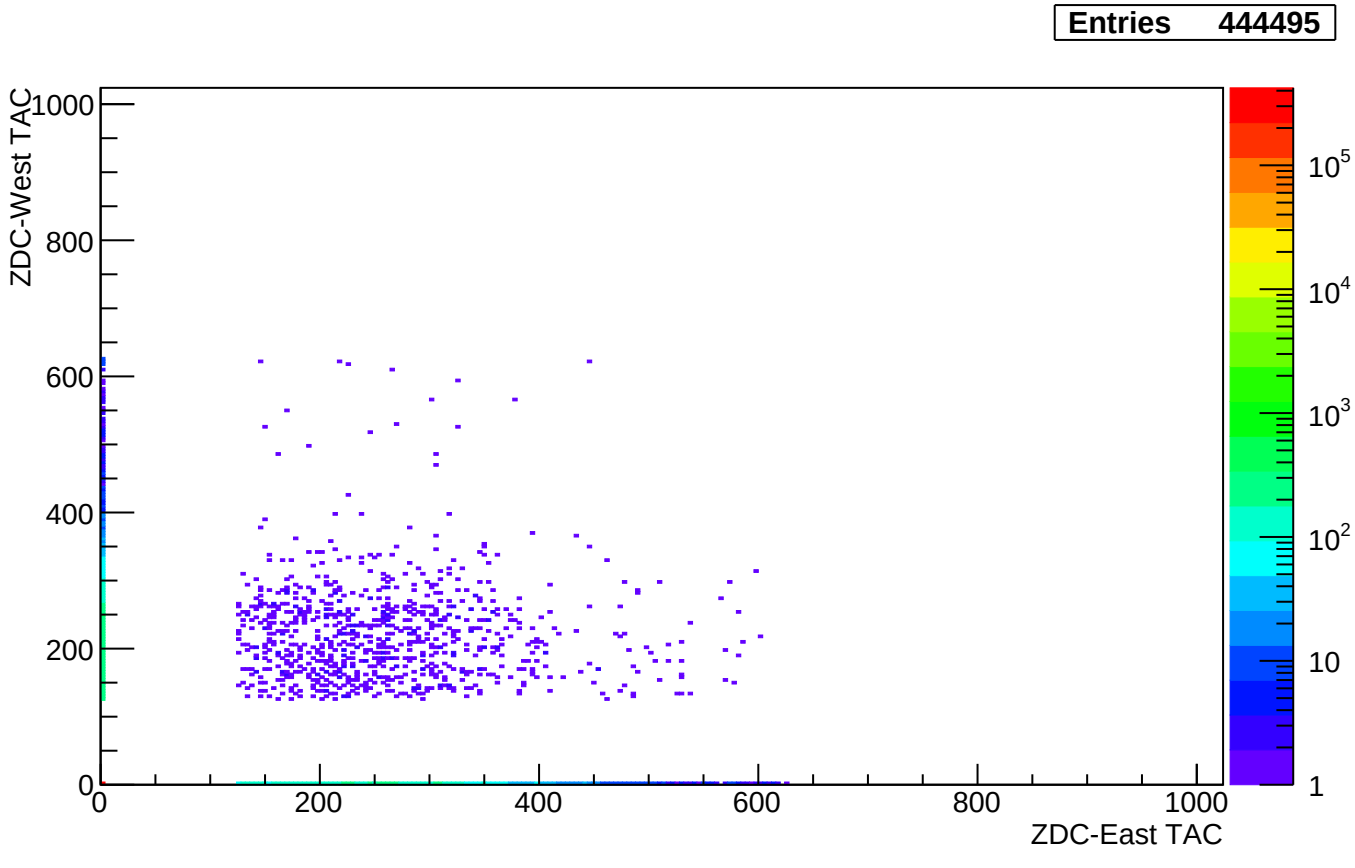

Entries 444495
TOF-Mult
VPD-East ADC Sum

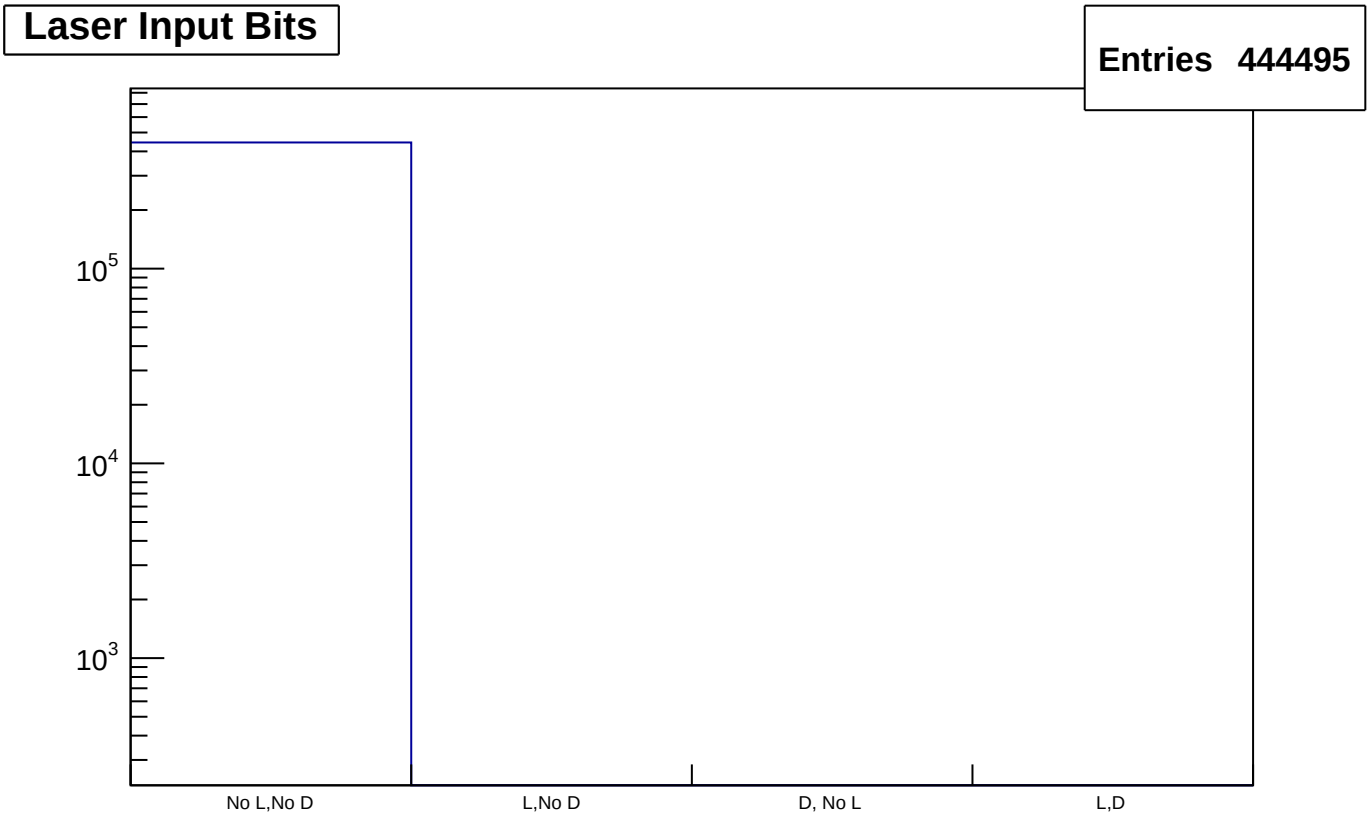

Entries 444495
TOF-Mult
VPD-West ADC Sum

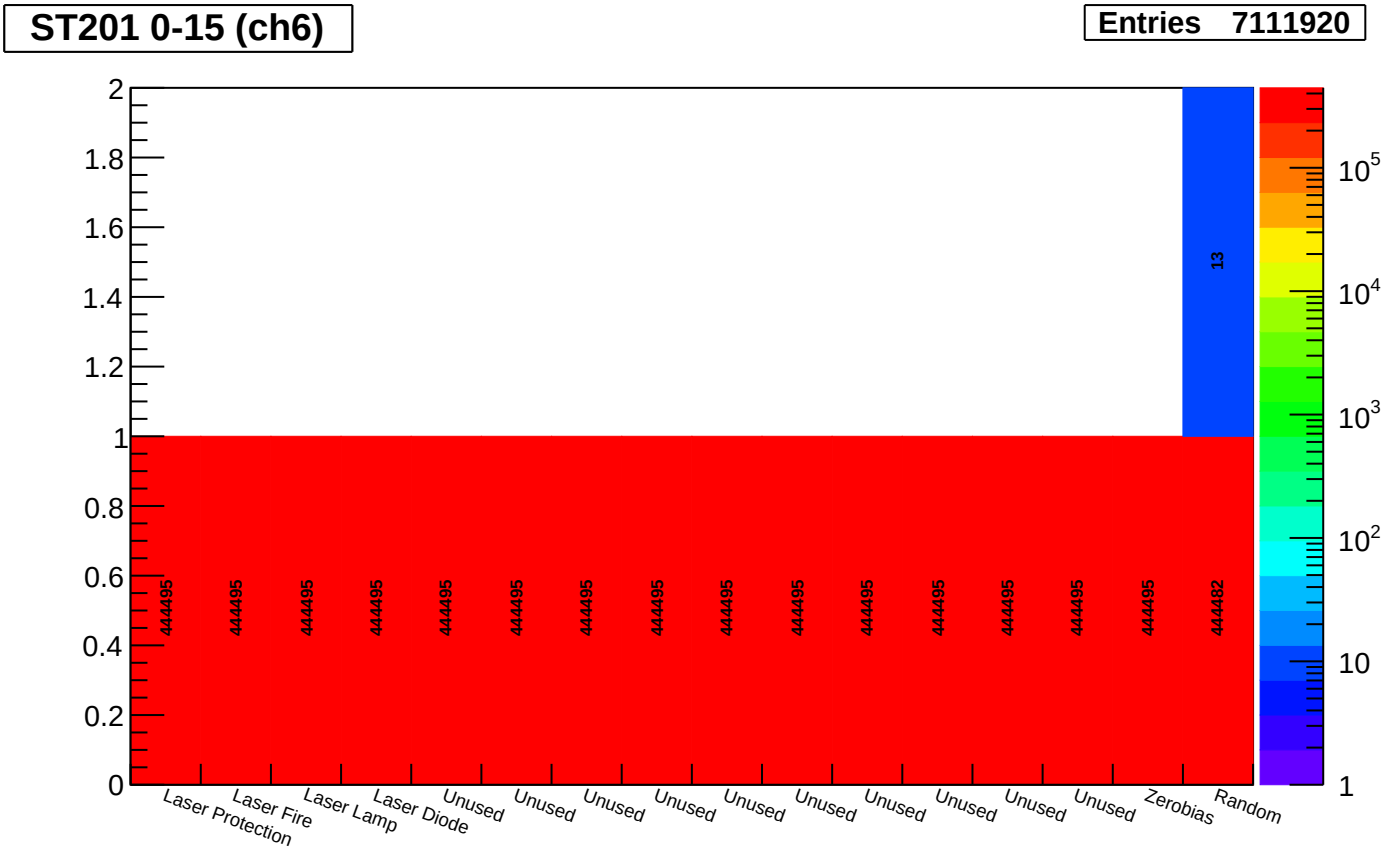

Entries 444495
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

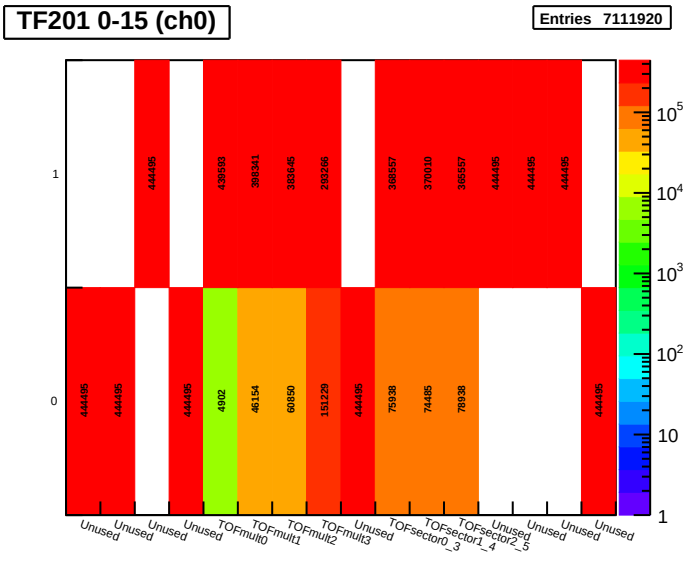

Entries 444495
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

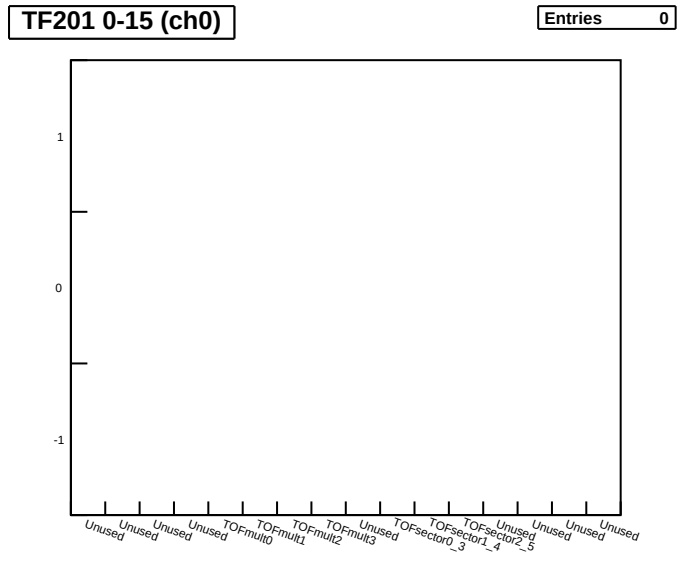

Entries 444495
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

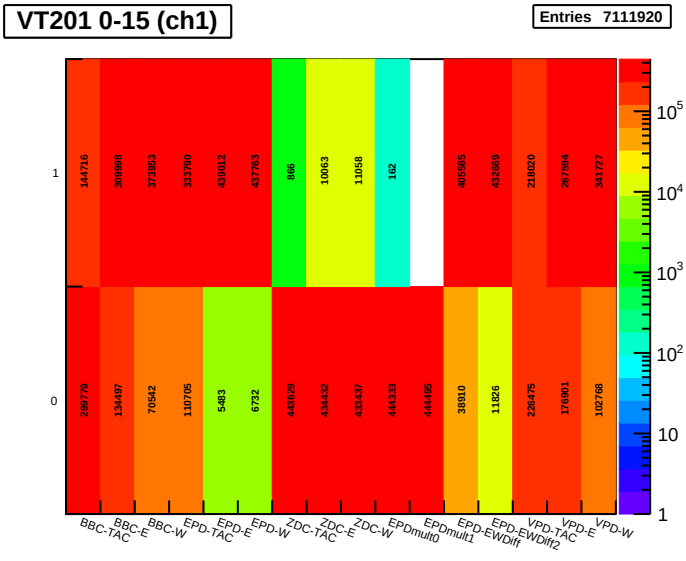

Entries 444495
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

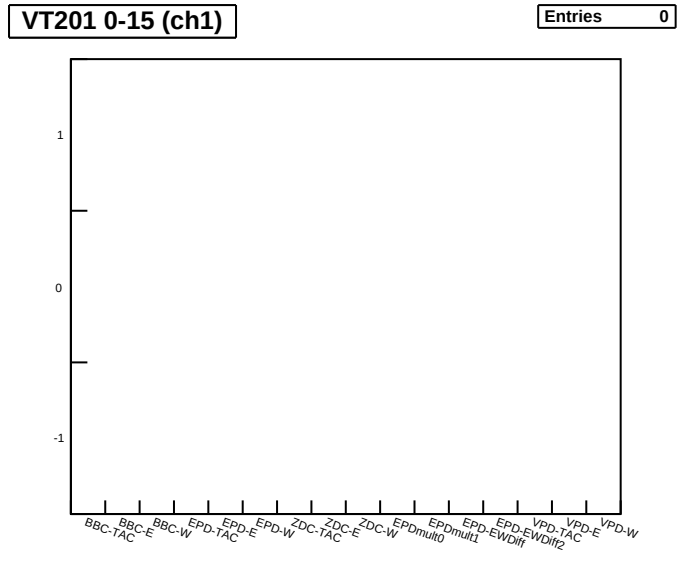

Laser Input Bits
Entries 444495
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

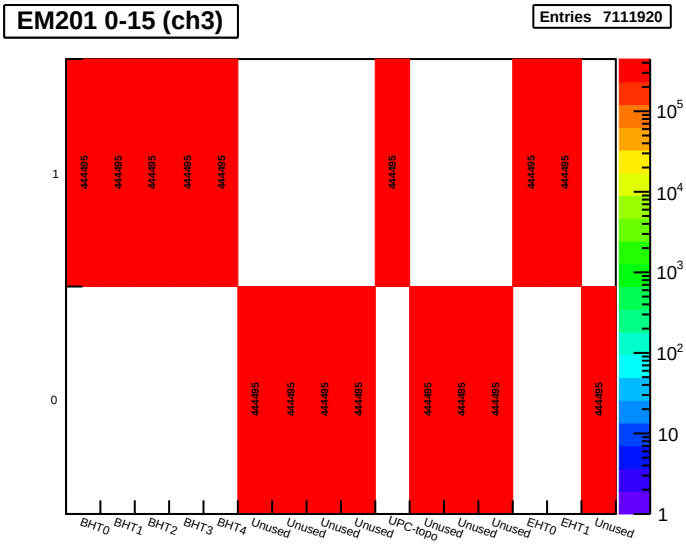

ST201 0-15 (ch6)
Entries 7111920
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444482
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

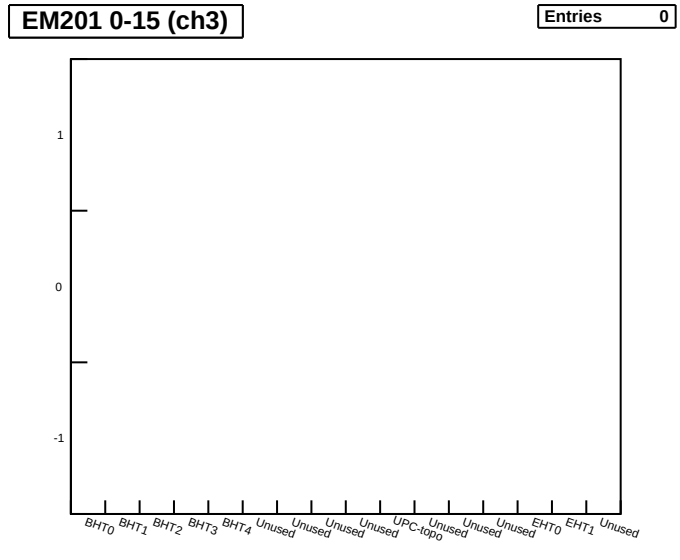

TF201 0-15 (ch0)
Entries 7111920
1
0
444495
444495
444495
444495
439593
398341
363645
293266
368557
370010
365557
444495
444495
444495
4902
46154
60850
151229
75938
74485
78938
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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 7111920
1
0
144716
309998
373953
333790
439012
437763
866
10063
11058
162
405985
432669
218020
267994
341727
298779
134497
70542
110705
5483
6732
443629
434432
433437
444333
444495
38910
11826
228475
176901
102768
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 7111920
1
0
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
444495
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