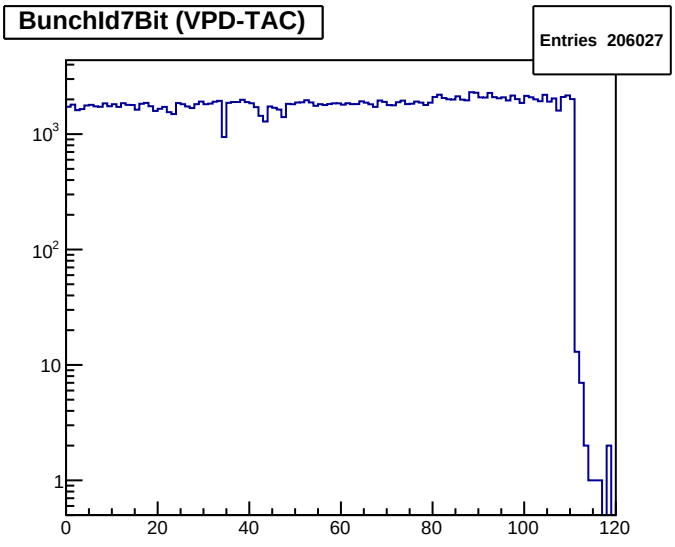
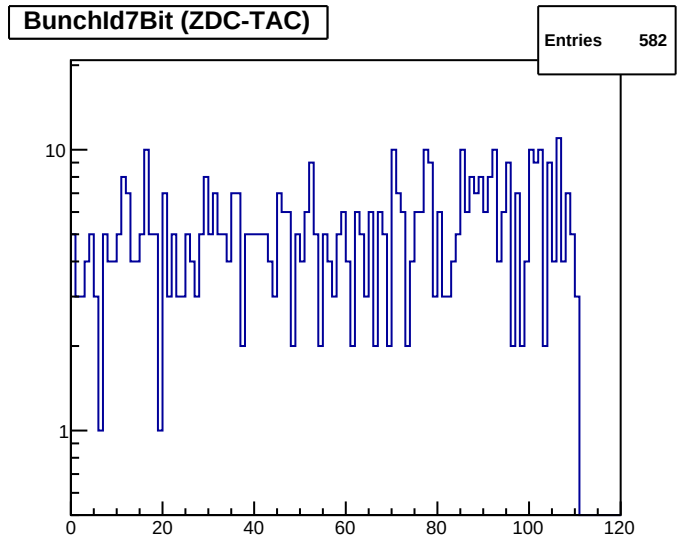
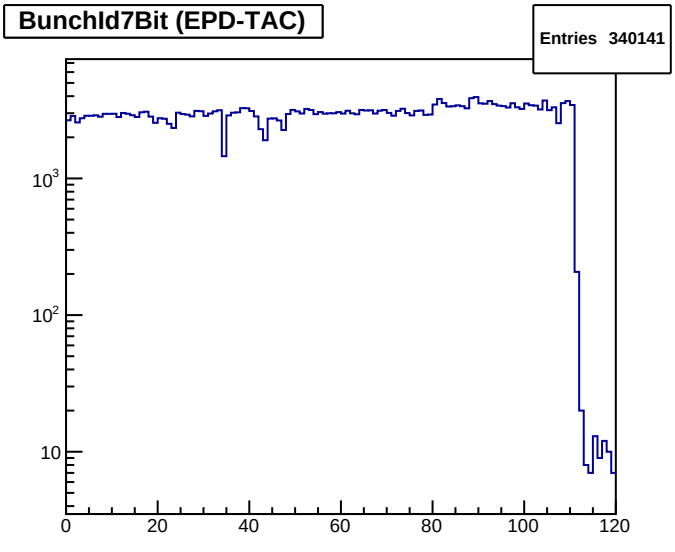
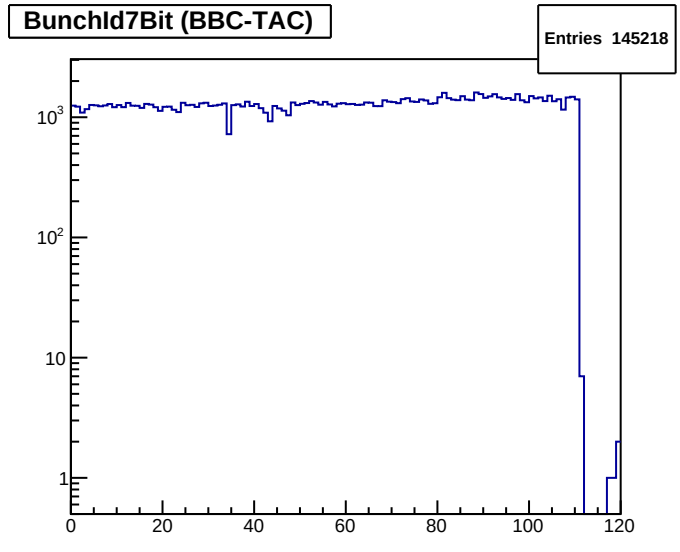
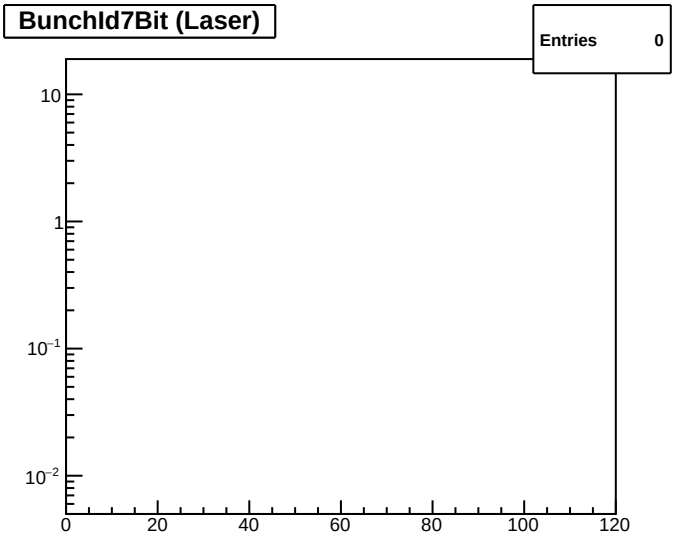
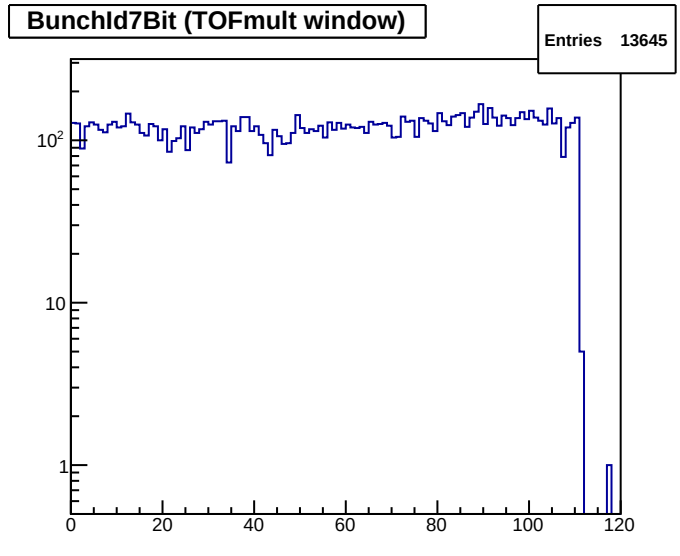

BunchId7Bit (VPD-TAC)
Entries 206027

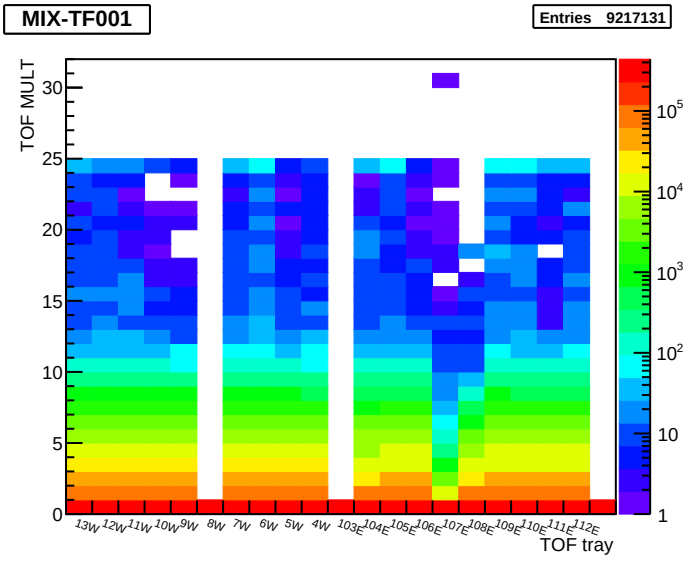

BunchId7Bit (ZDC-TAC)
Entries 582

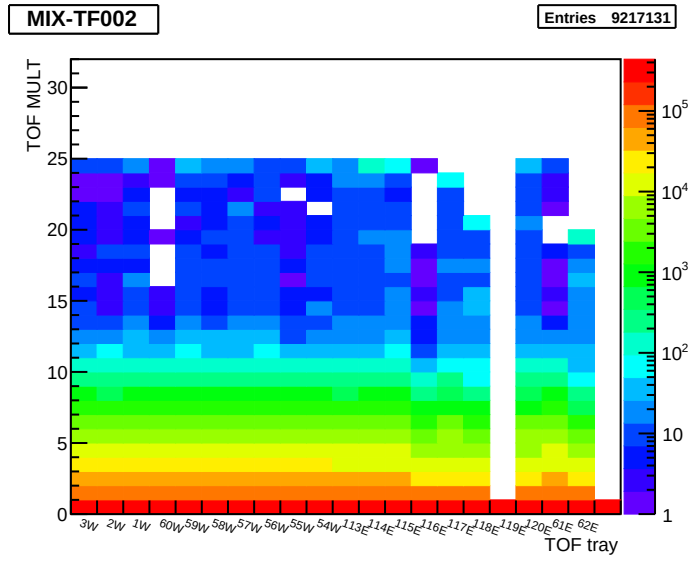

BunchId7Bit (EPD-TAC)
Entries 340141

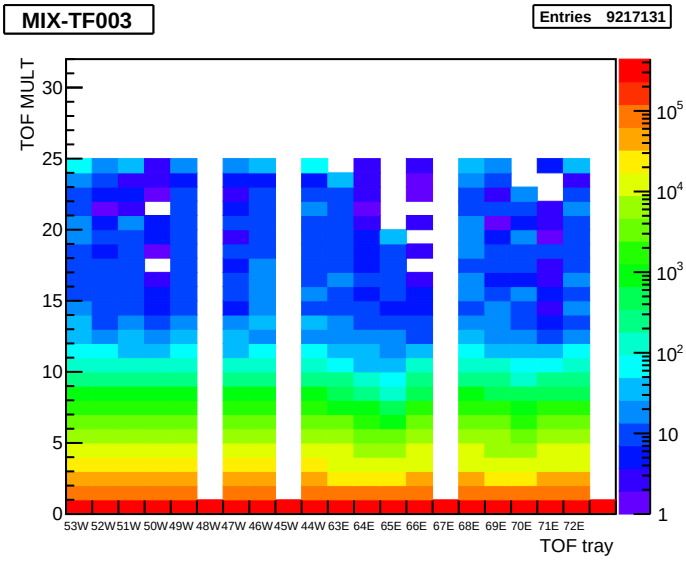

BunchId7Bit (BBC-TAC)
Entries 145218

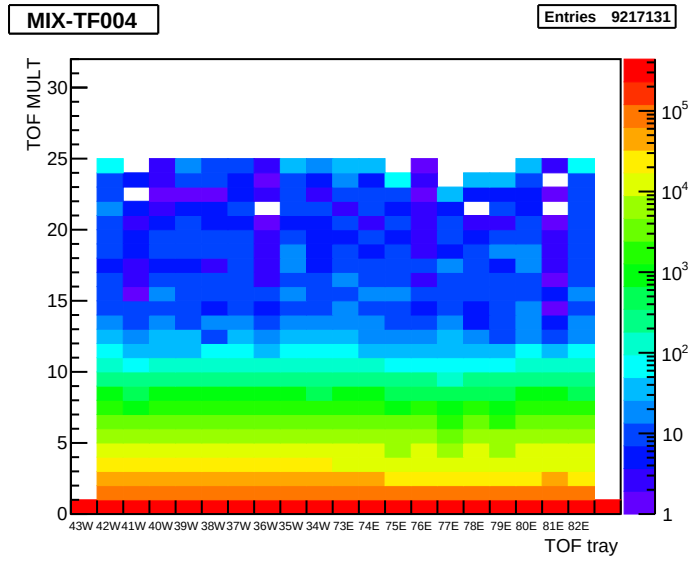

BunchId7Bit (Laser)
Entries 0

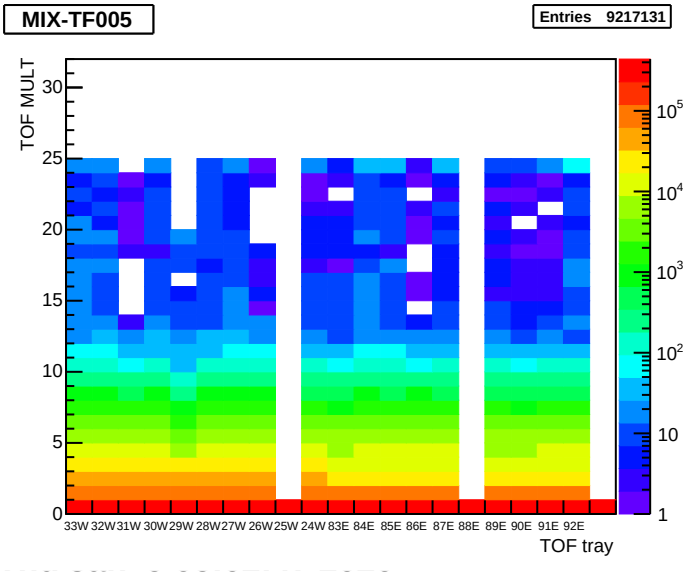

BunchId7Bit (TOFmult window)
Entries 13645

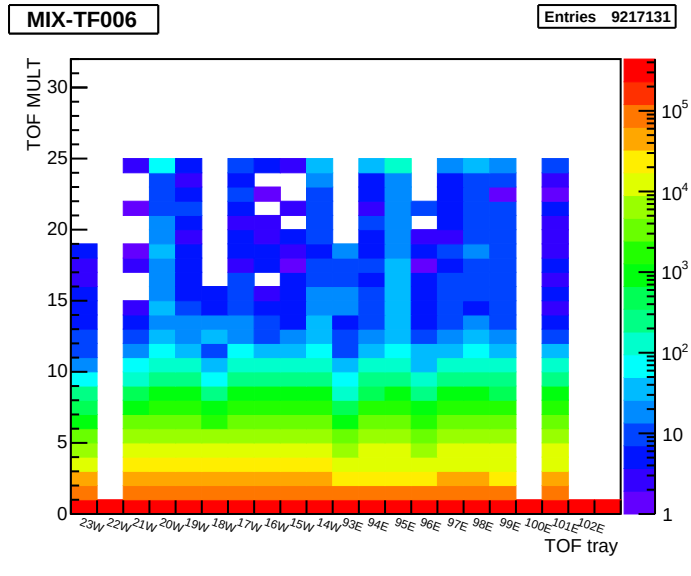

MIX-TF001
Entries 9217131
TOF MULT
TOF tray

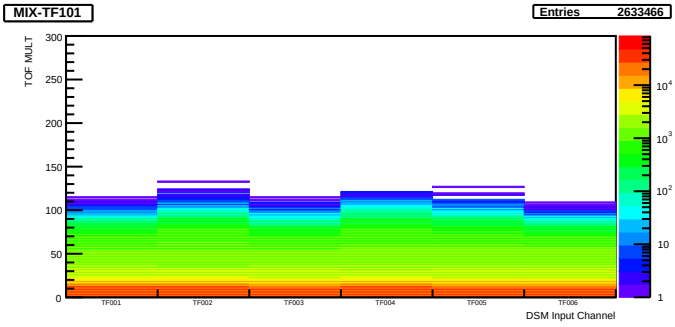

MIX-TF002
Entries 9217131
TOF MULT
TOF tray

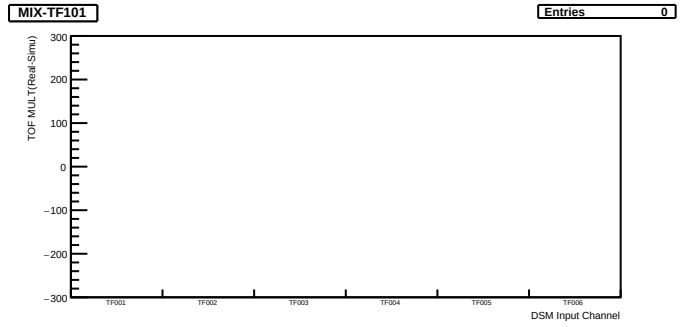

MIX-TF003
Entries 9217131
TOF MULT
TOF tray

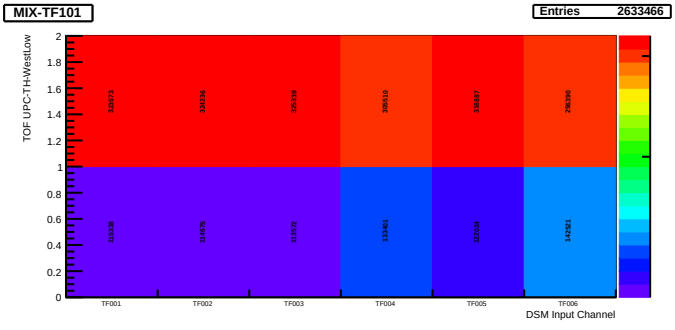

MIX-TF004
Entries 9217131
TOF MULT
TOF tray

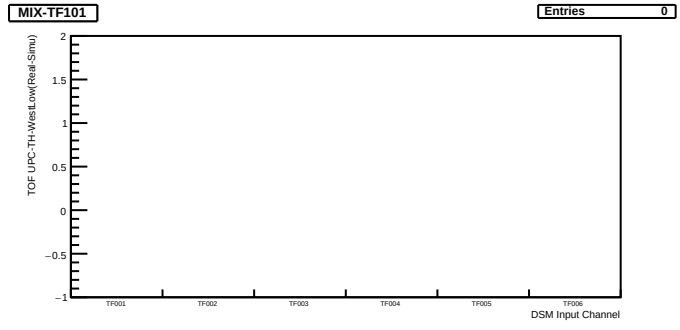

MIX-TF005
Entries 9217131
TOF MULT
TOF tray

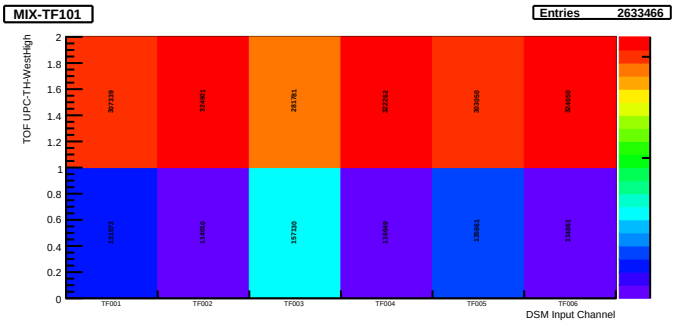

MIX-TF006
Entries 9217131
TOF MULT
TOF tray

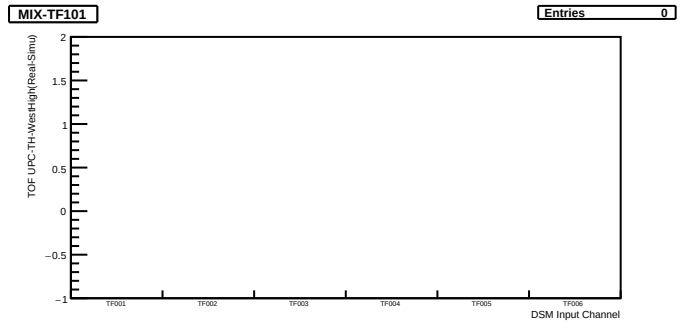

MIX-TF101
Entries 2633466
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

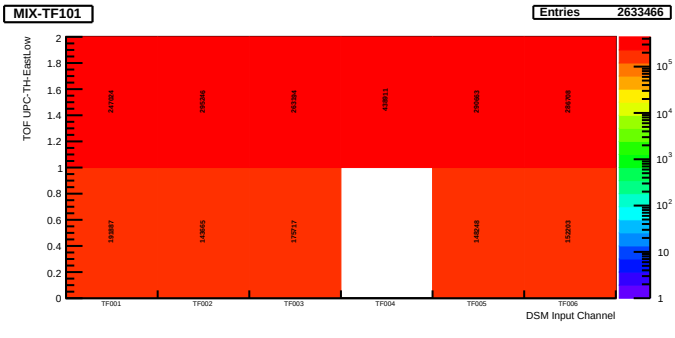

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

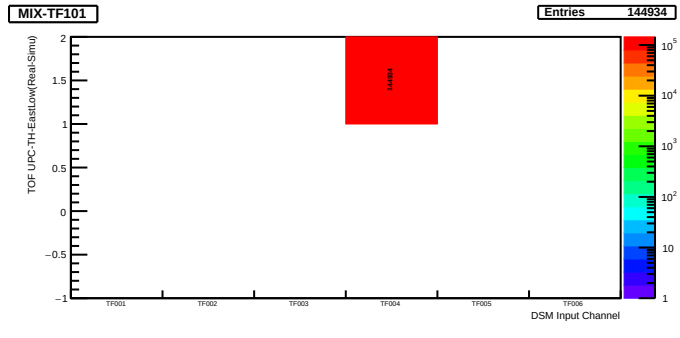

MIX-TF101
Entries 2633466
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

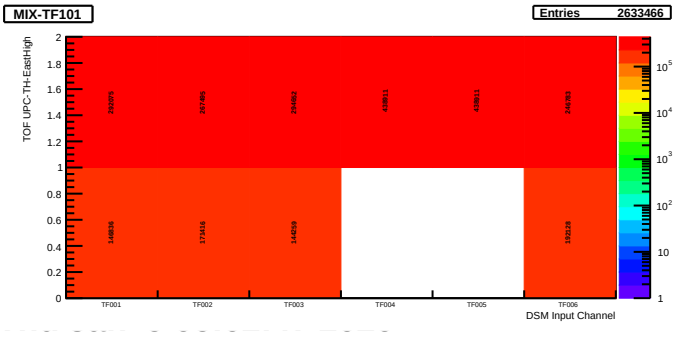

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

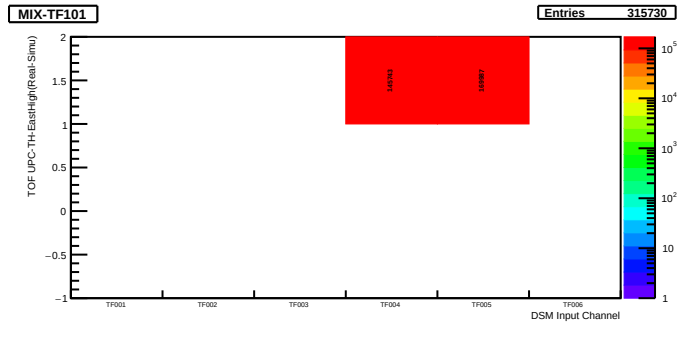

MIX-TF101
Entries 2633466
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

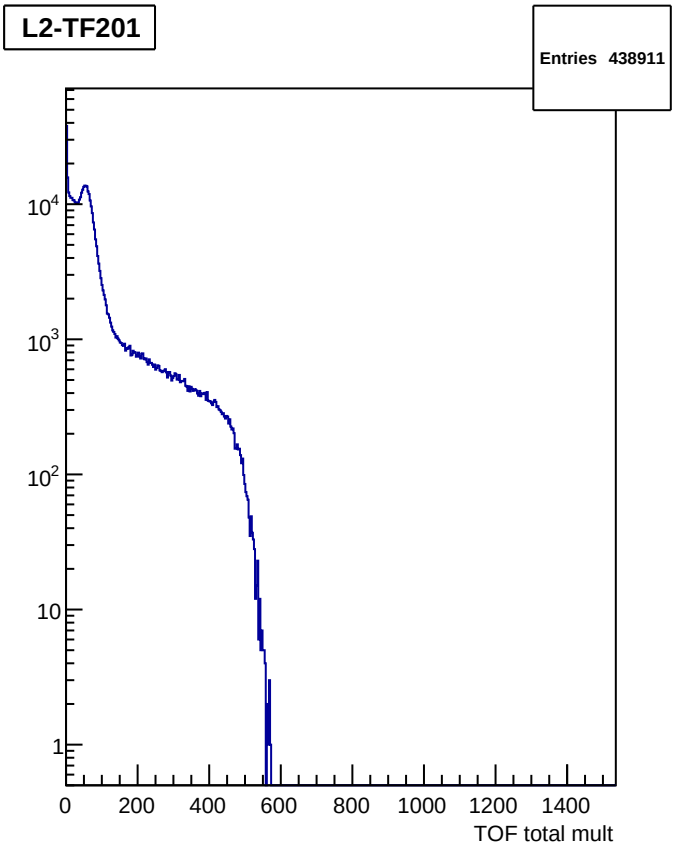

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

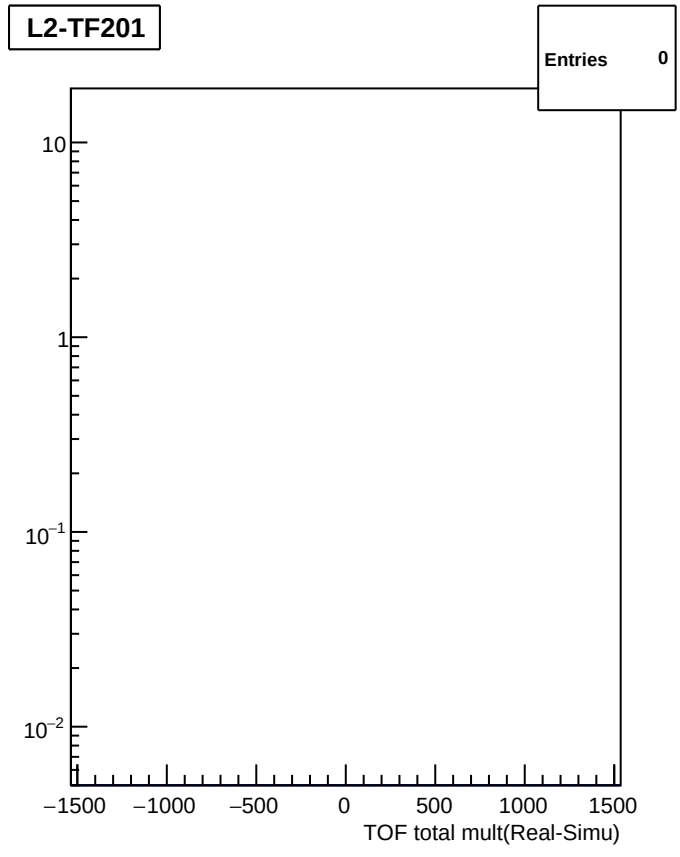

MIX-TF101
Entries 2633466
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

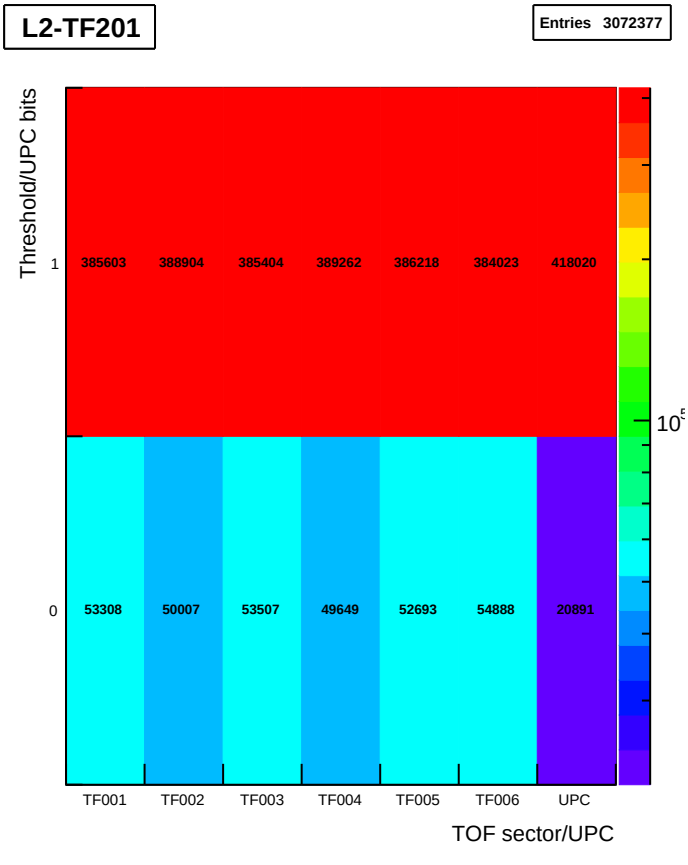

MIX-TF101
Entries 144934
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

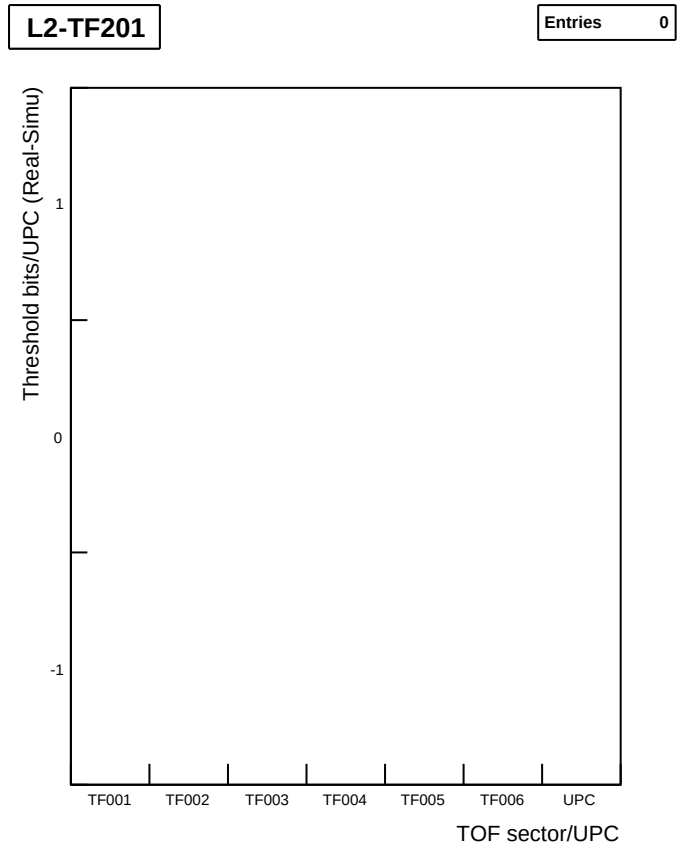

MIX-TF101
Entries 2633466
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

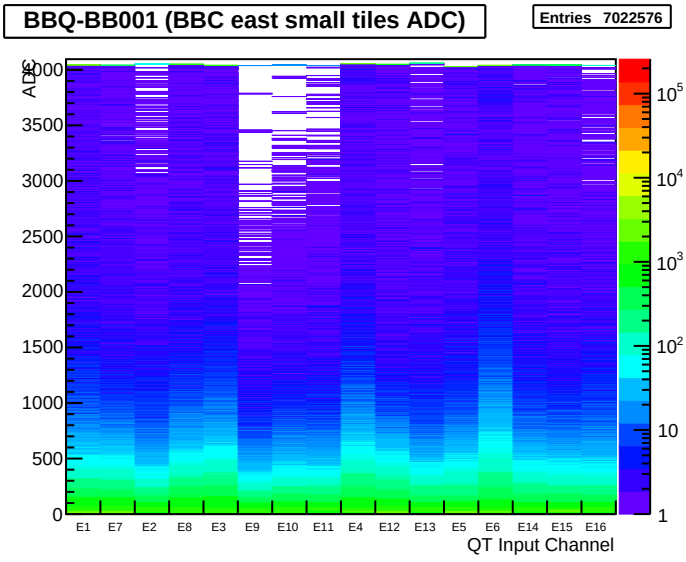

MIX-TF101
Entries 315730
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

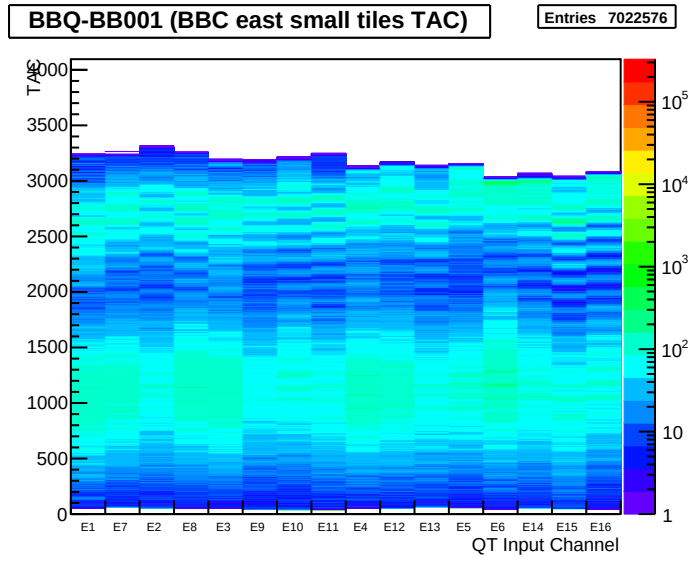

L2-TF201
Entries 438911
TOF total mult

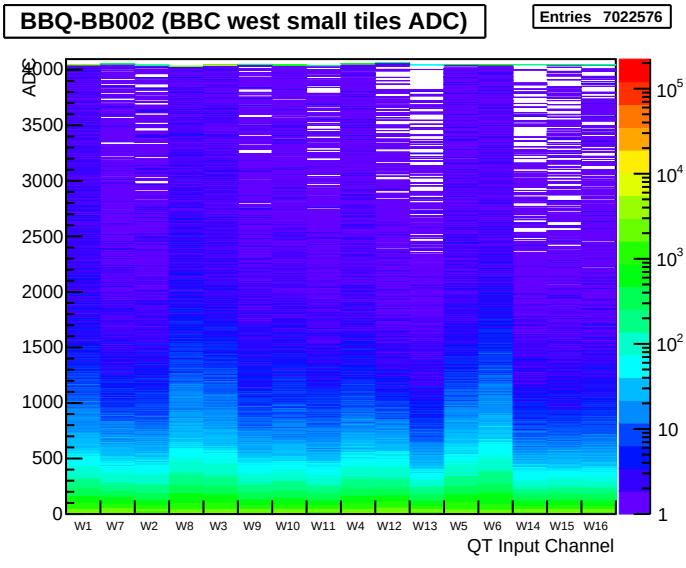

L2-TF201
Entries 0
TOF total mult(Real-Simu)

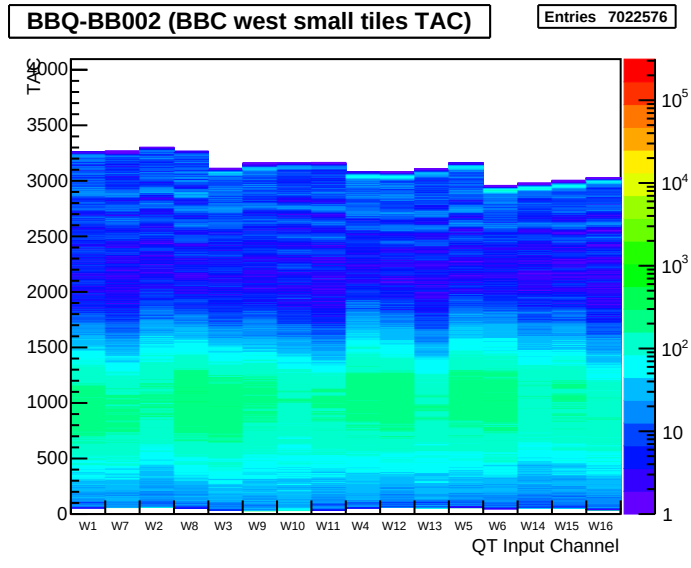

L2-TF201
Entries 3072377
Threshold/UPC bits
385603
388904
385404
389262
386218
384023
418020
53308
50007
53507
49649
52693
54888
20891
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

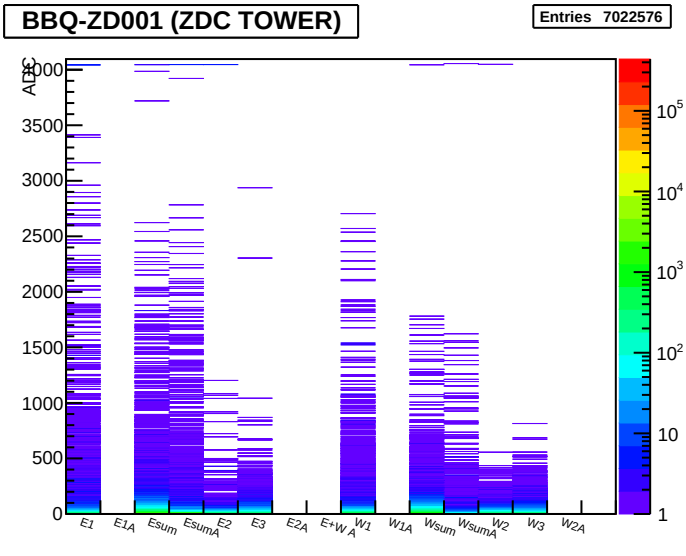

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

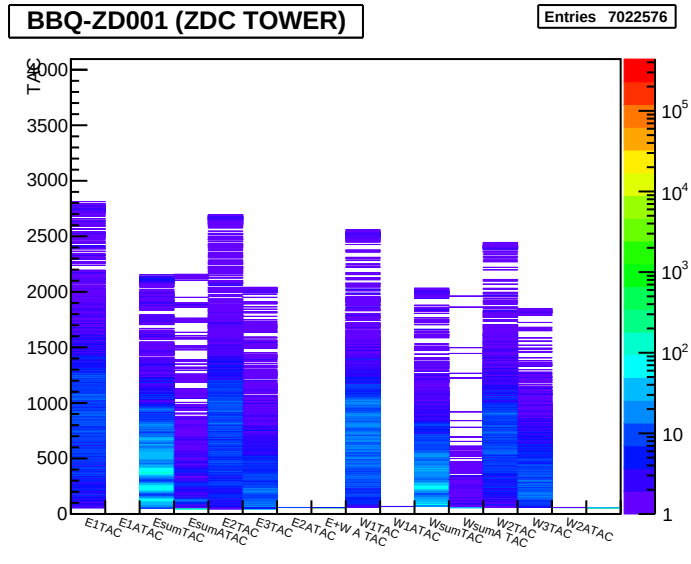

BBQ-BB001 (BBC east small tiles ADC)
Entries 7022576
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

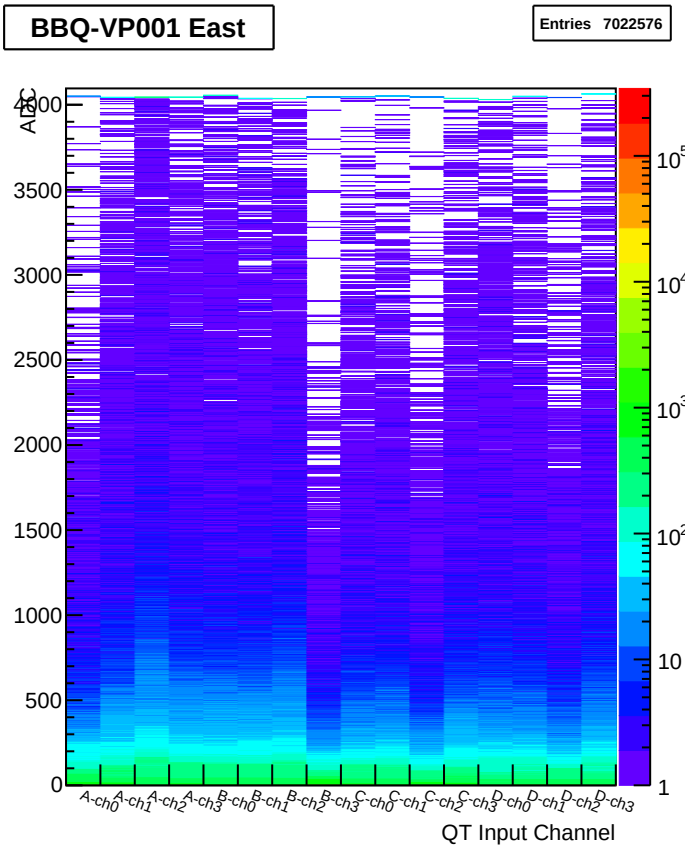

BBQ-BB001 (BBC east small tiles TAC)
Entries 7022576
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

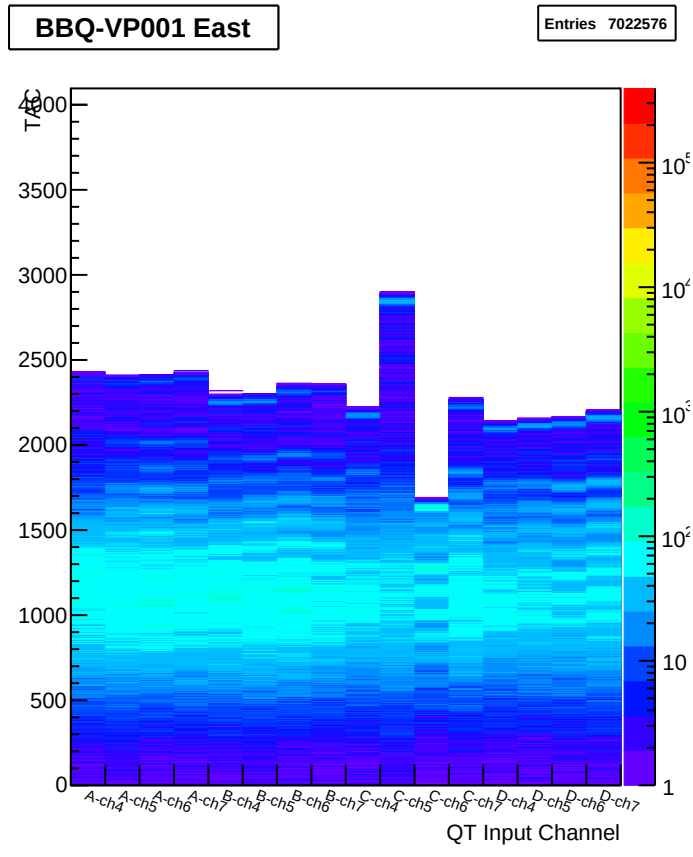

BBQ-BB002 (BBC west small tiles ADC)
Entries 7022576
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

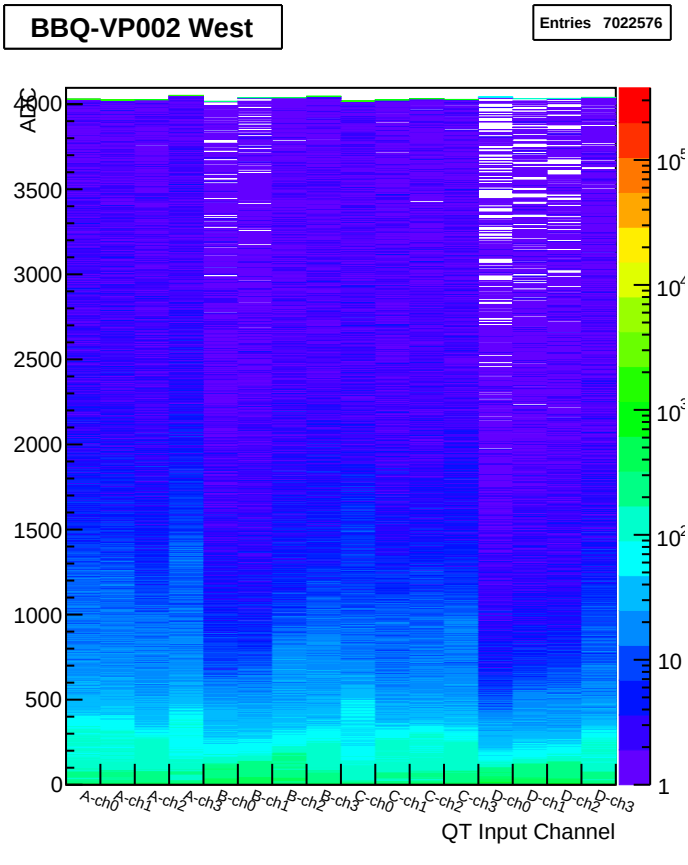

BBQ-BB002 (BBC west small tiles TAC)
Entries 7022576
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

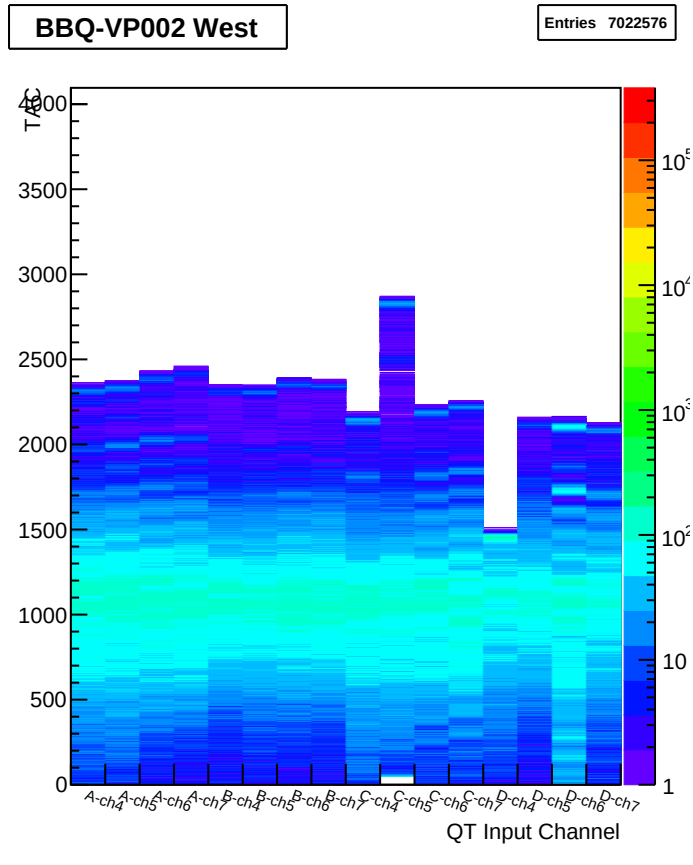

BBQ-ZD001 (ZDC TOWER)
Entries 7022576
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

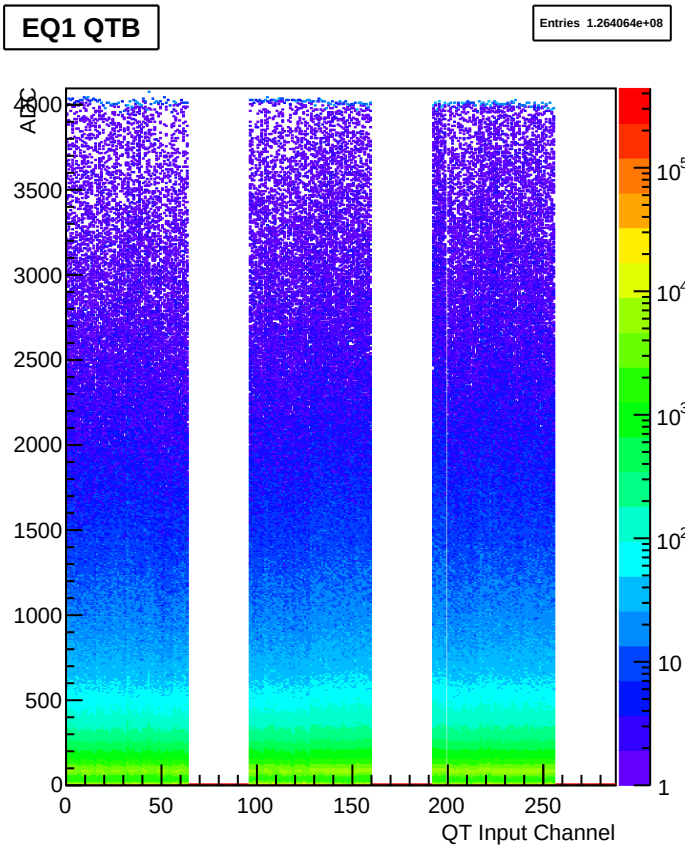

BBQ-ZD001 (ZDC TOWER)
Entries 7022576
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

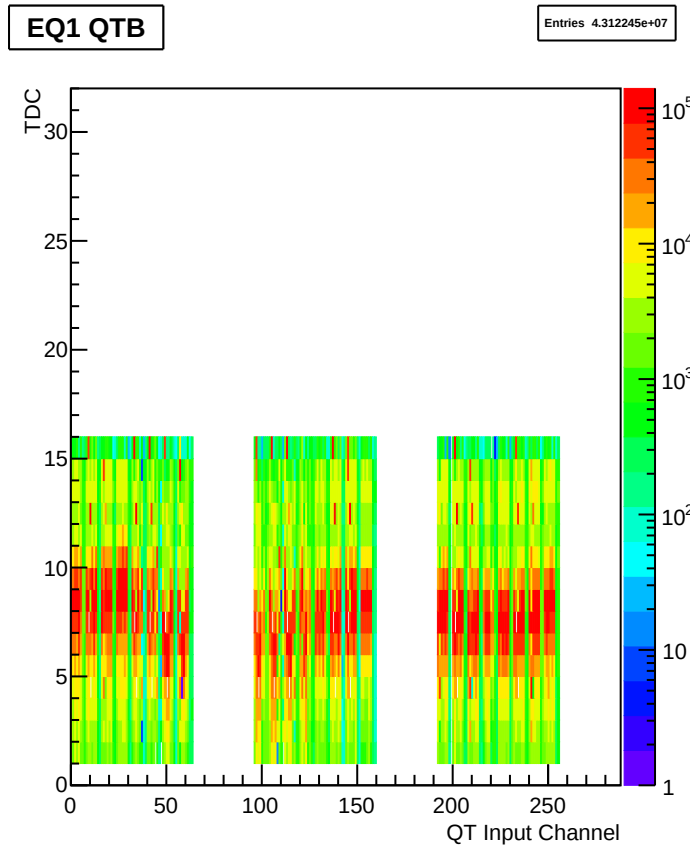

BBQ-VP001 East
Entries 7022576
ADC
QT Input Channel

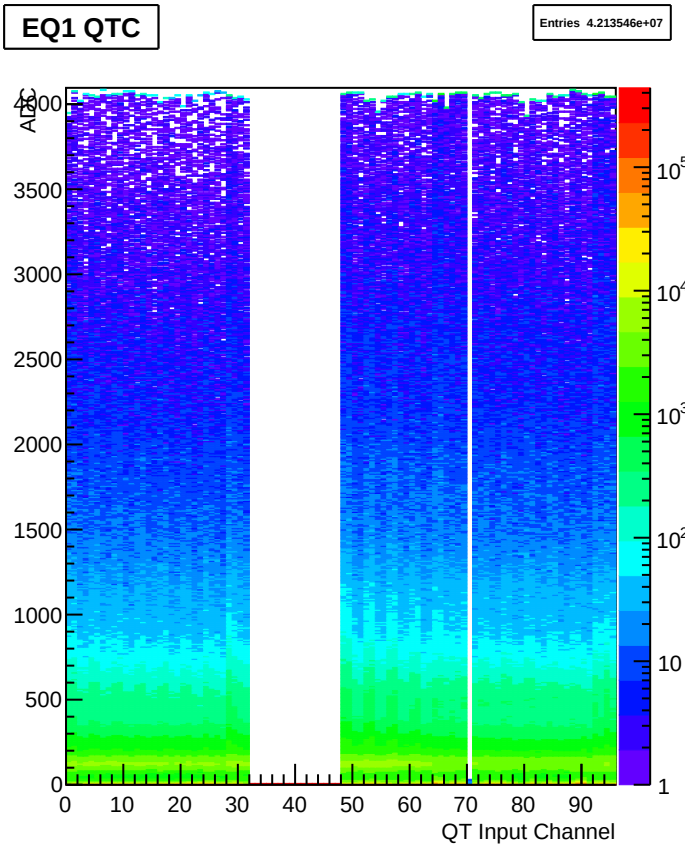

BBQ-VP001 East
Entries 7022576
ADC
QT Input Channel

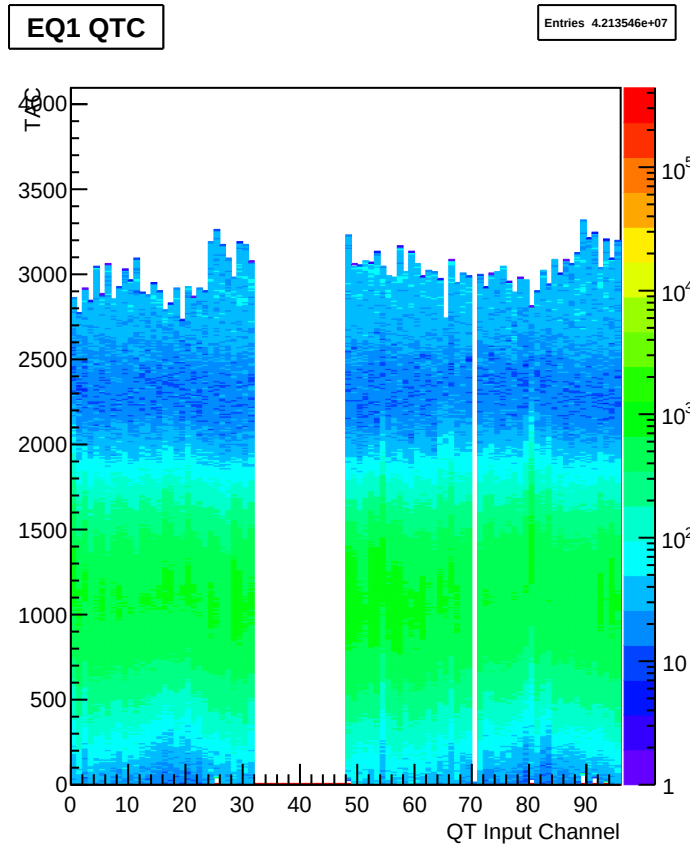

BBQ-VP002 West
Entries 7022576
ADC
QT Input Channel

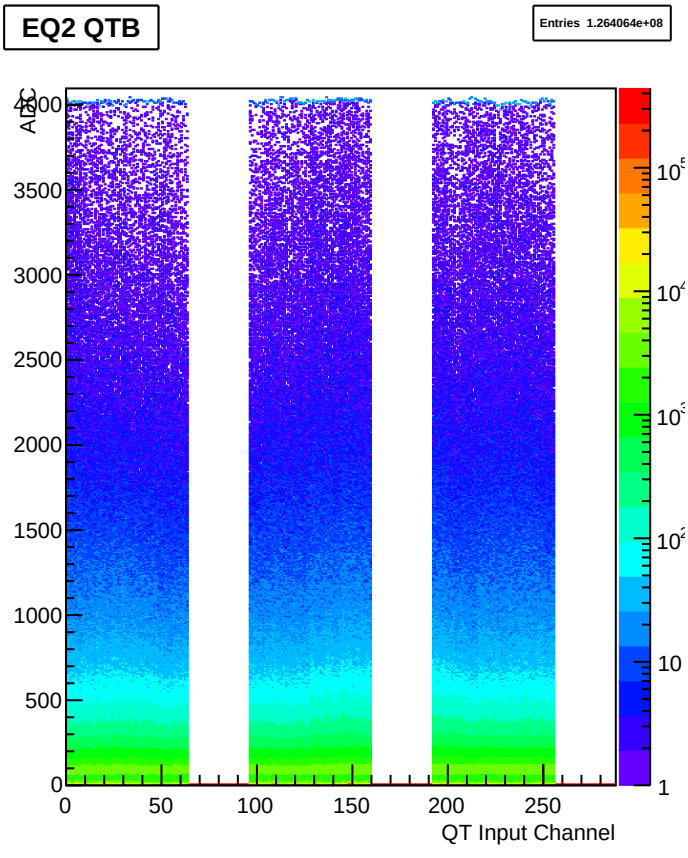

BBQ-VP002 West
Entries 7022576
ADC
QT Input Channel

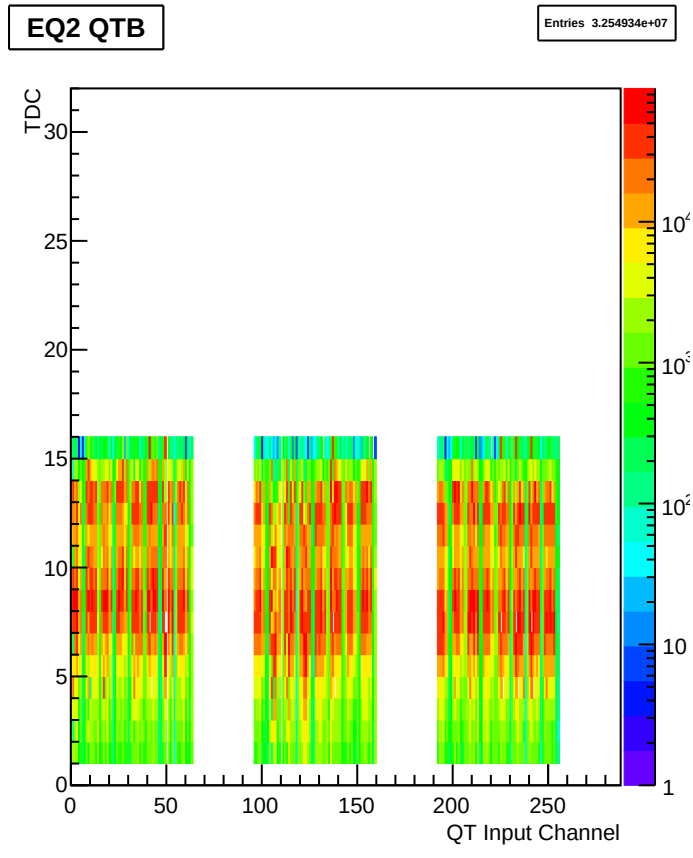

EQ1 QTB
Entries 1.264064e+08
ADC
QT Input Channel

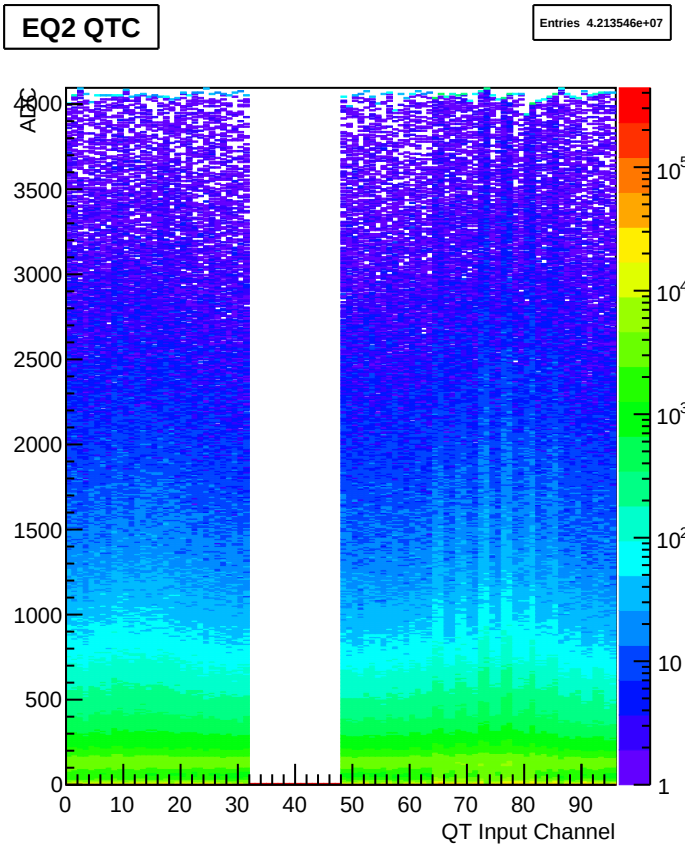

EQ1 QTB
Entries 4.312245e+07
TDC
QT Input Channel

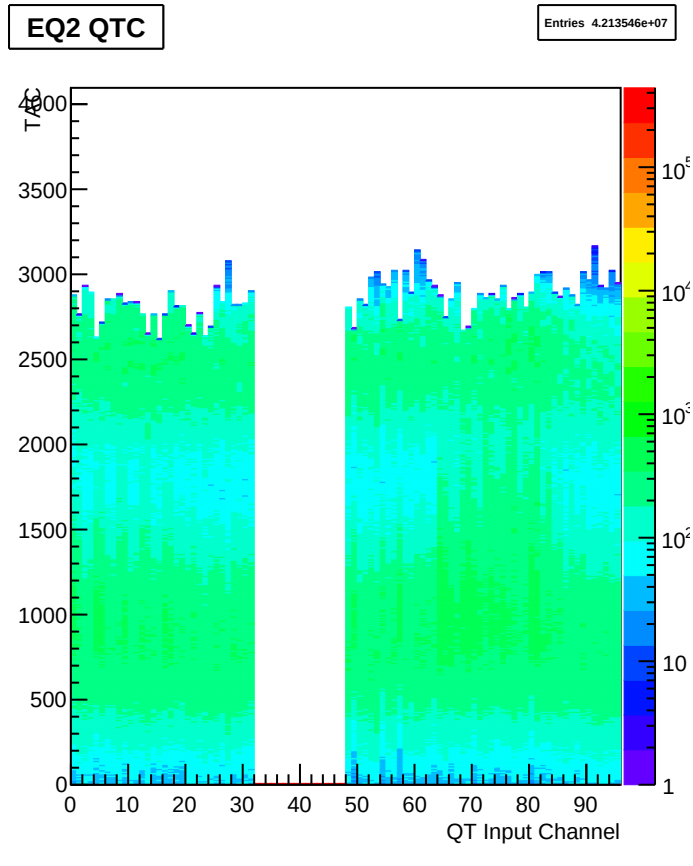

EQ1 QTC
Entries 4.213546e+07
ADC
QT Input Channel

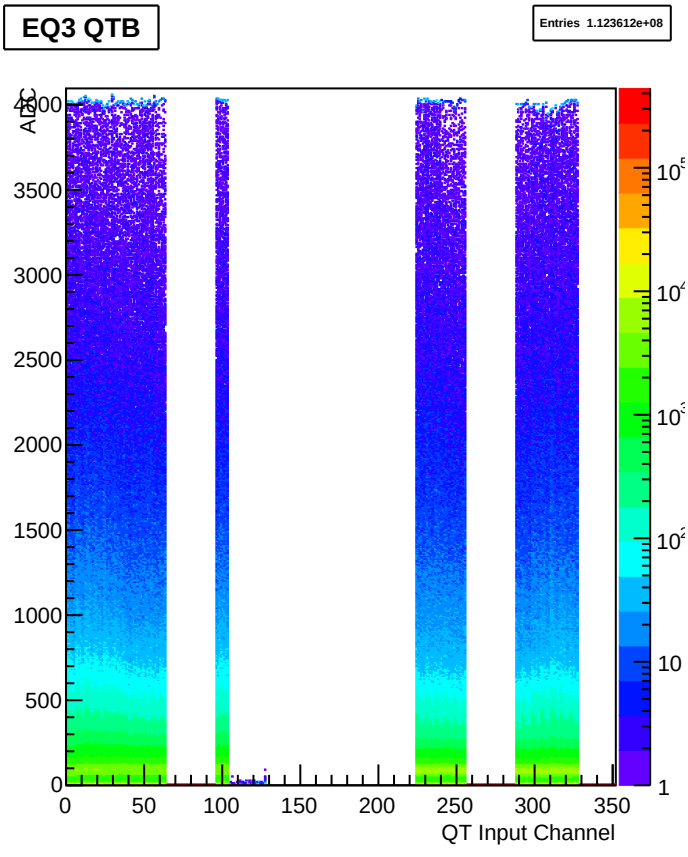

EQ1 QTC
Entries 4.213546e+07
TADC
QT Input Channel

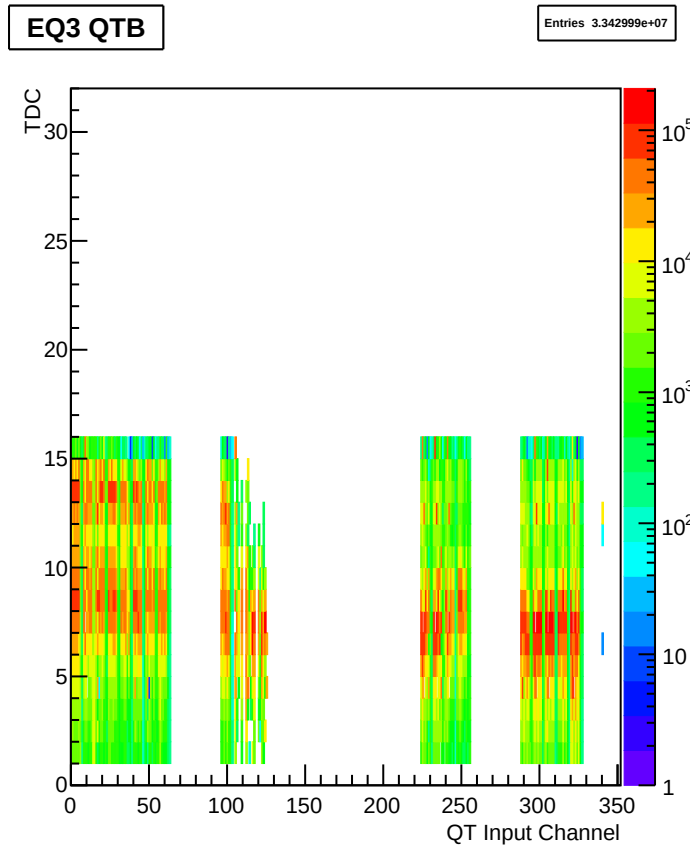

EQ2 QTB
Entries 1.264064e+08
ADC
QT Input Channel

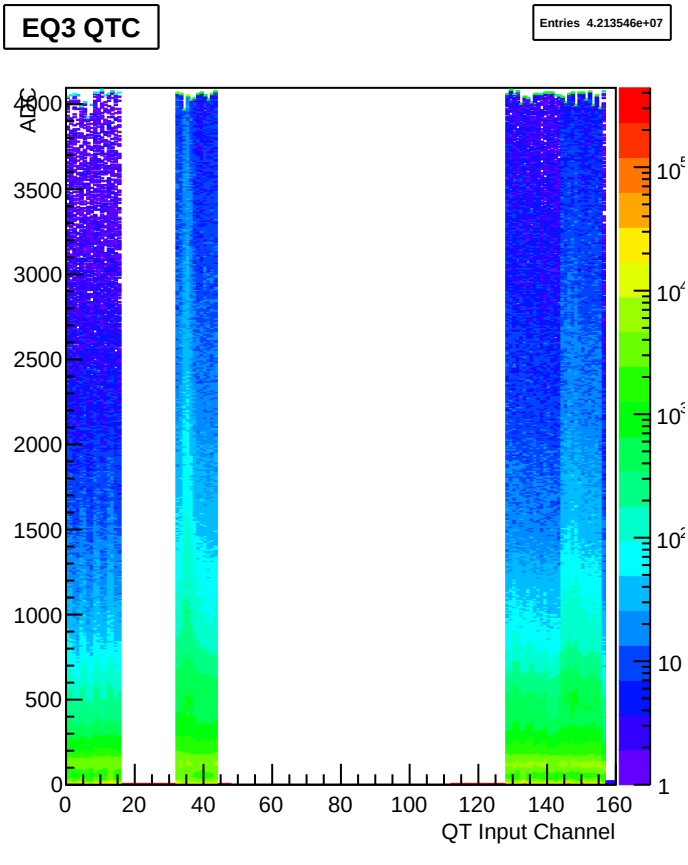

EQ2 QTB
Entries 3.254934e+07
TDC
QT Input Channel

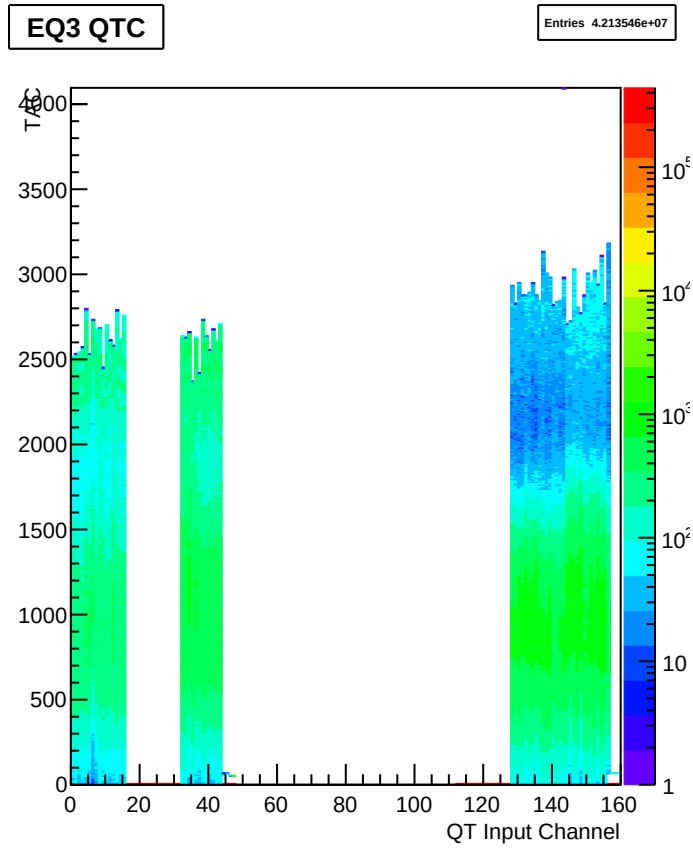

EQ2 QTC
Entries 4.213546e+07
ADC
QT Input Channel

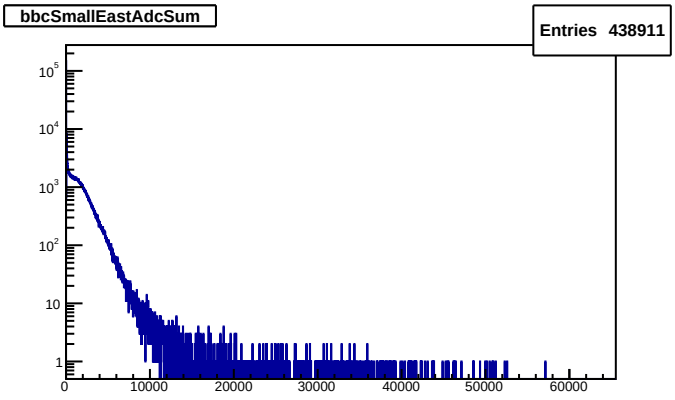

EQ2 QTC
Entries 4.213546e+07
TADC
QT Input Channel

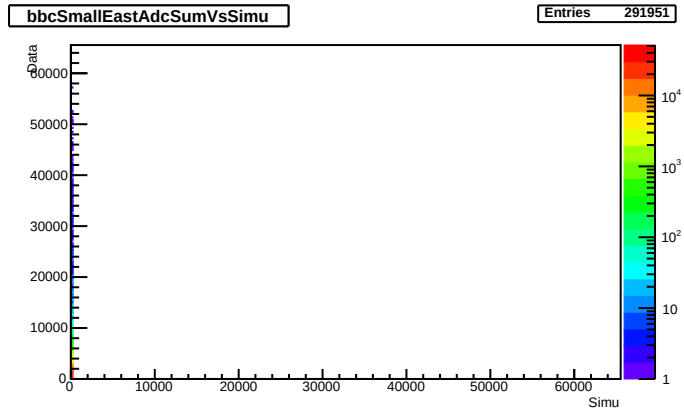

EQ3 QTB
Entries 1.123612e+08
ADC
QT Input Channel

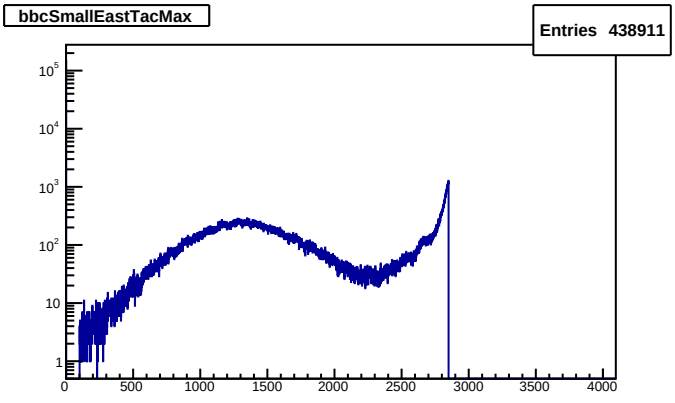

EQ3 QTB
Entries 3.342999e+07
TDC
QT Input Channel

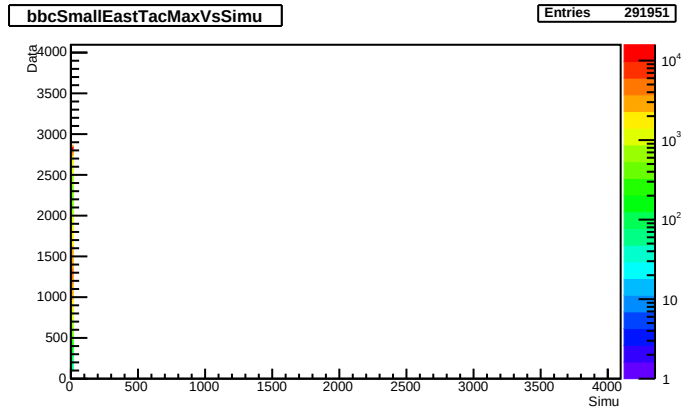

EQ3 QTC
Entries 4.213546e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.213546e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 438911


bbcSmallEastAdcSumVsSimu
Entries 291951
Data
Simu


bbcSmallEastTacMax
Entries 438911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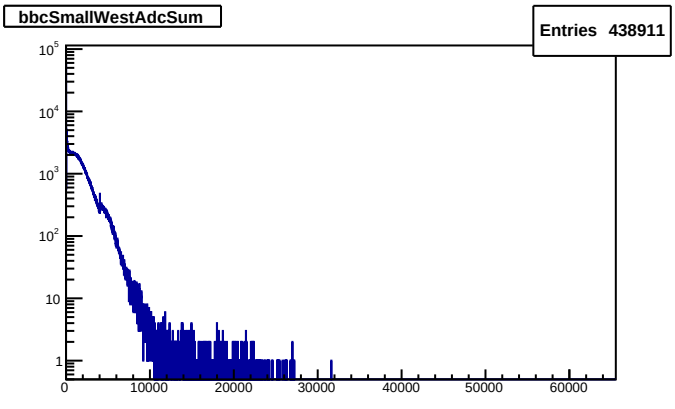
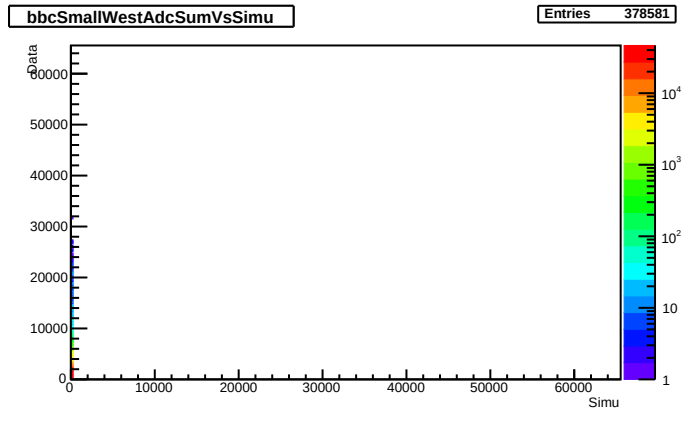
Entries 291951
Data
Simu


bbcSmallWestAdcSum
Entries 438911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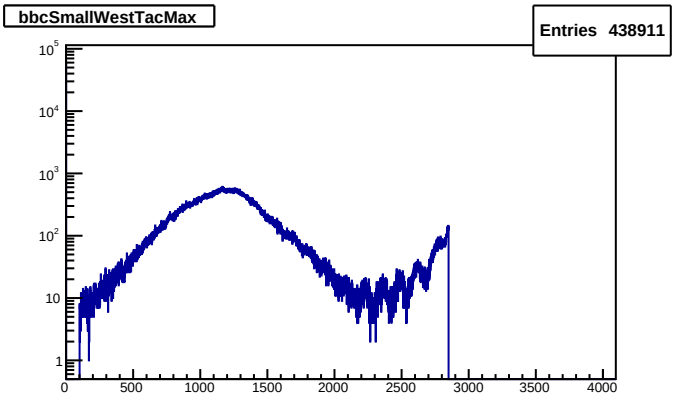
Entries 378581
Data
Simu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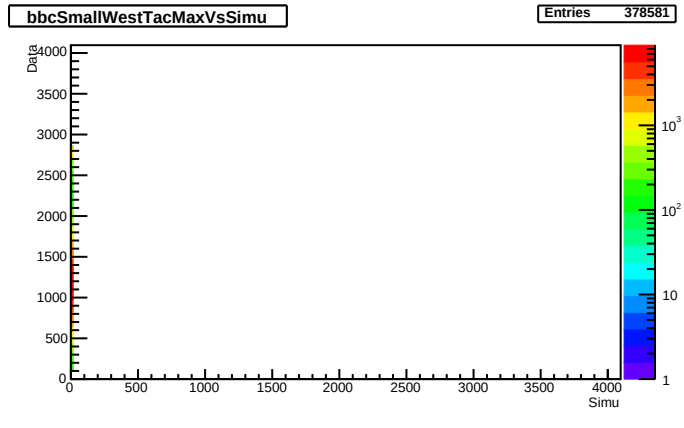
Entries 438911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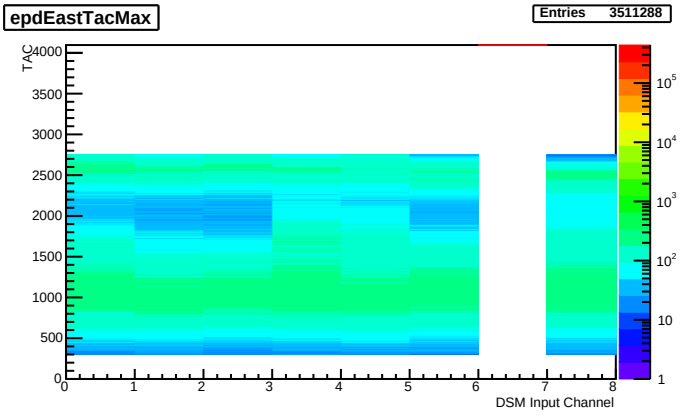
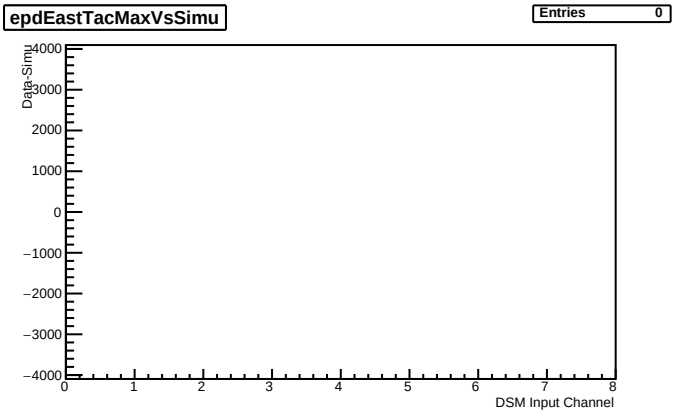
Entries 378581
Data
Simu


epdEastTacMax
Entries 3511288
TAC
DSM Input Channel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Entries 0
Data-Simu
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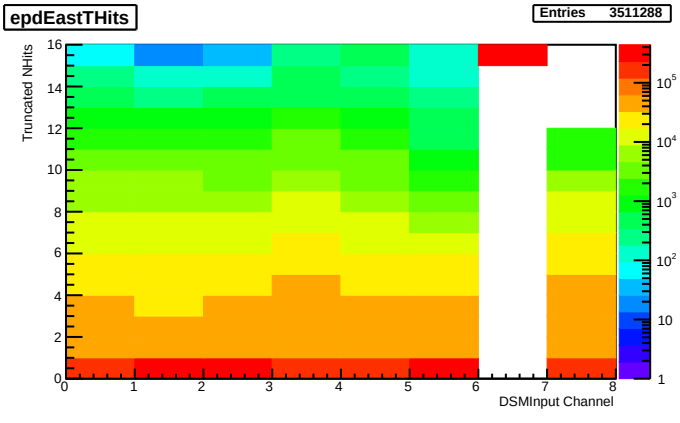
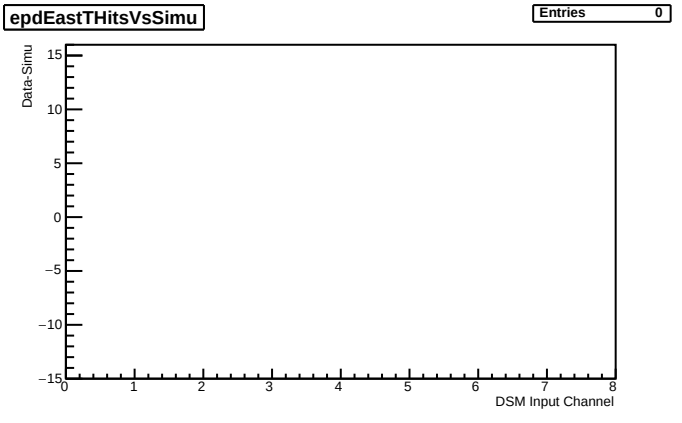

epdEastTHits
Entries 3511288
Truncated NHits
DSMInput Channel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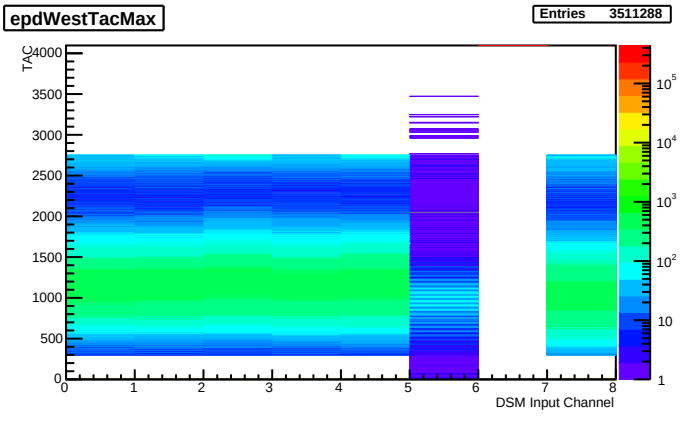
Data-Simu
DSM Input Channel


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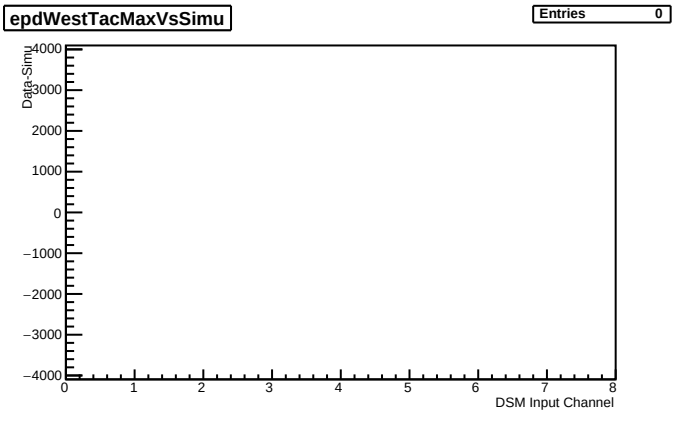
TAC
DSM Input Channel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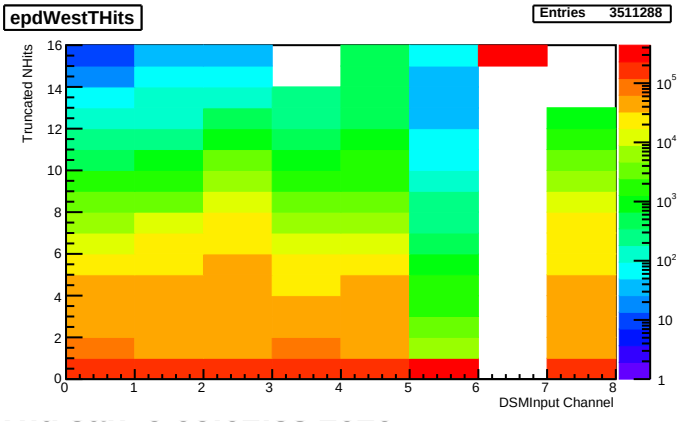
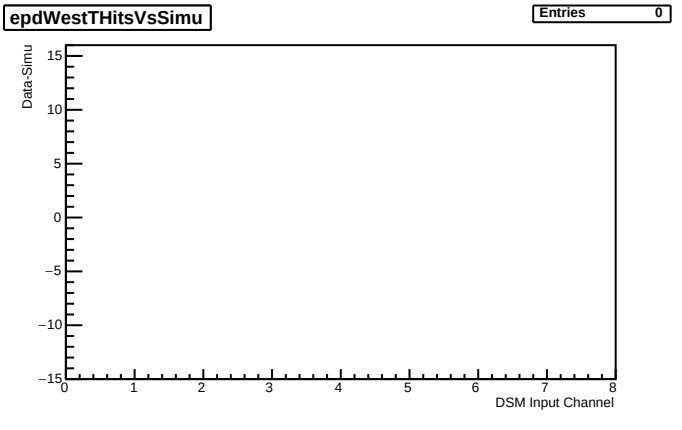
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3511288
Truncated NHits
DSMInput Channel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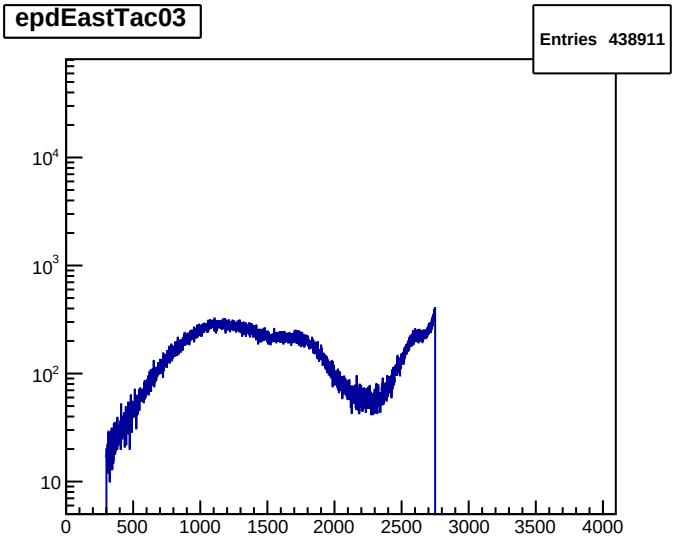
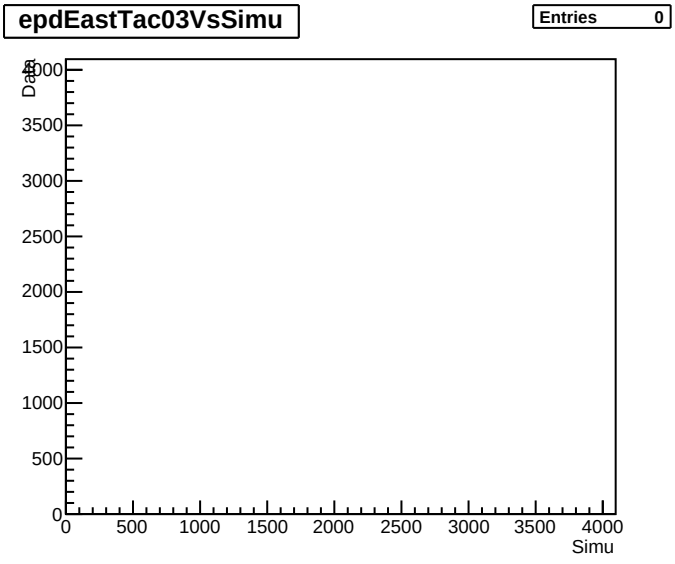
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 438911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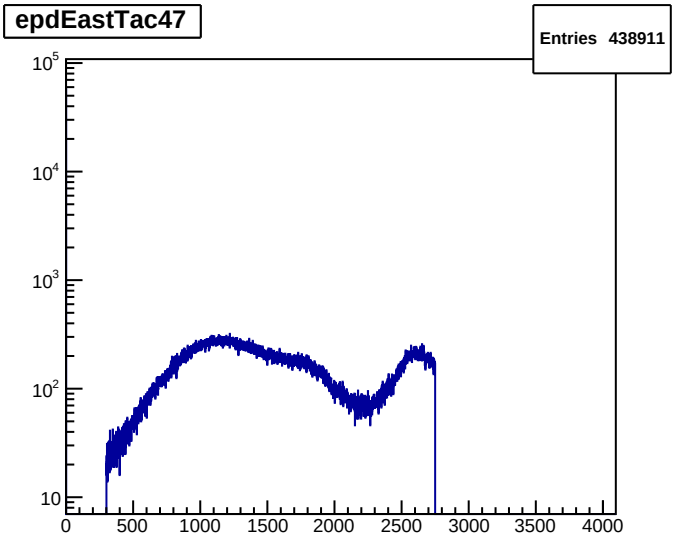
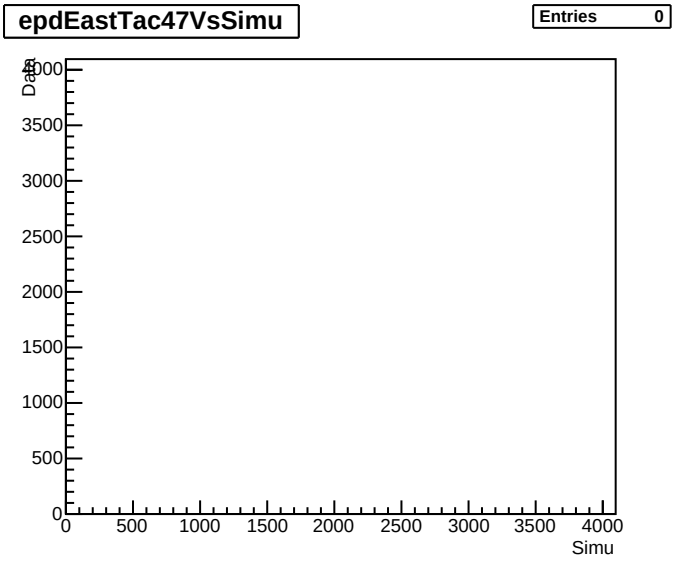
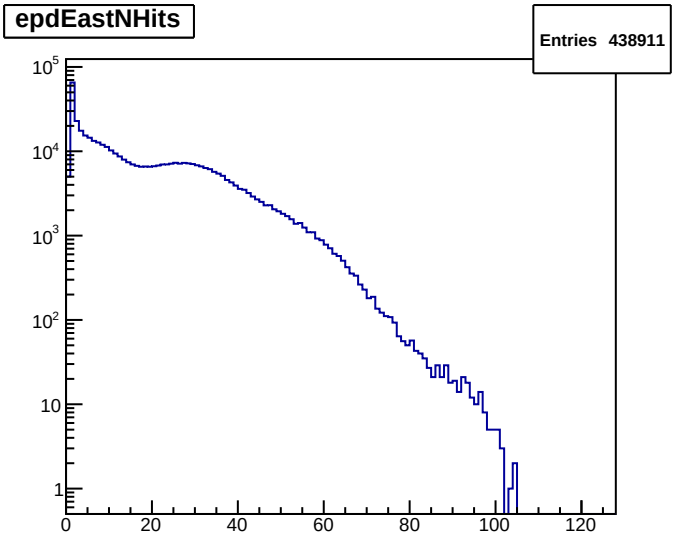
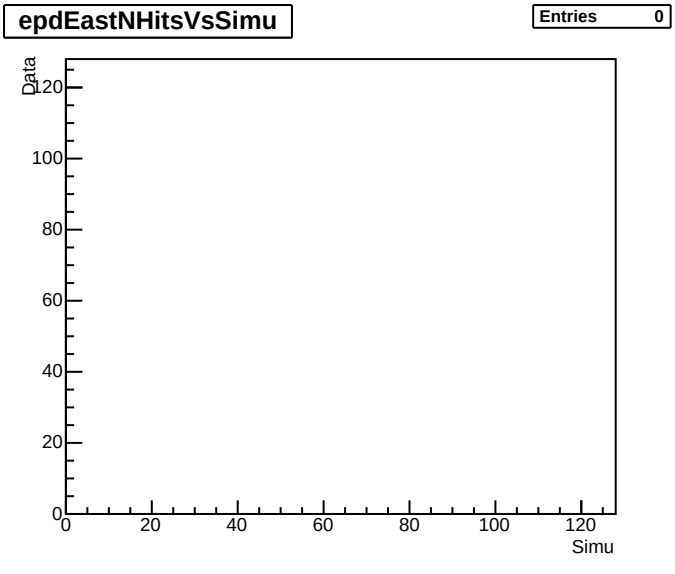
Entries 0
Data
Simu


epdEastTac47
Entries 438911


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 438911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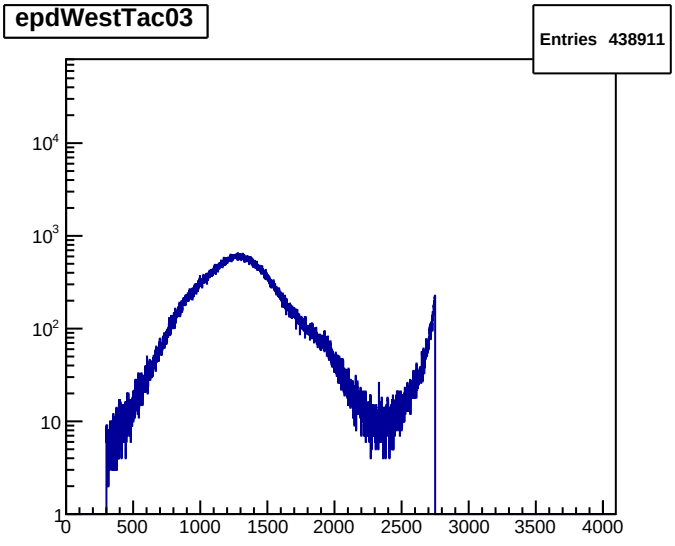
Entries 0
Data
Simu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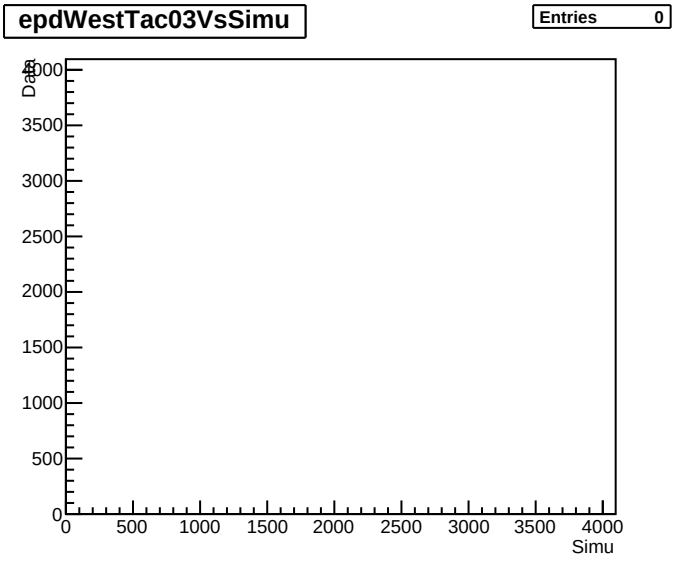
Entries 438911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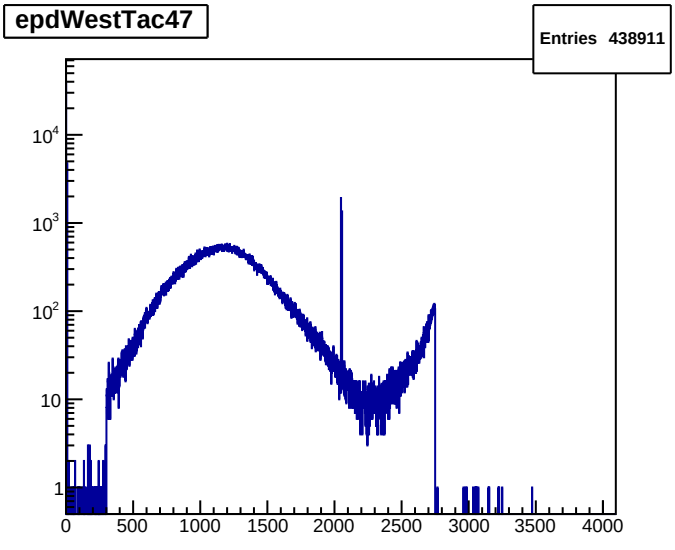
Entries 0
Data
Simu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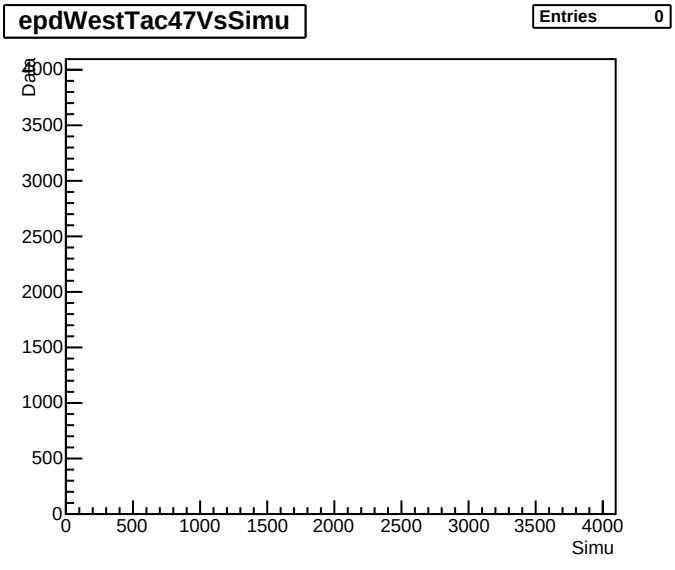
Entries 438911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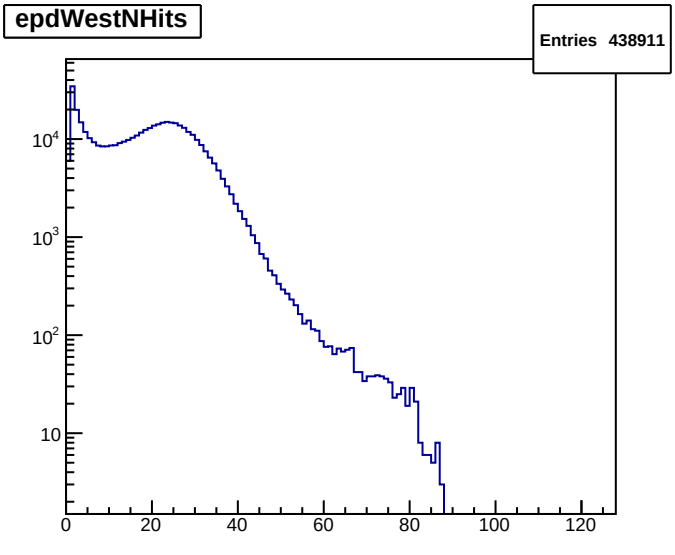
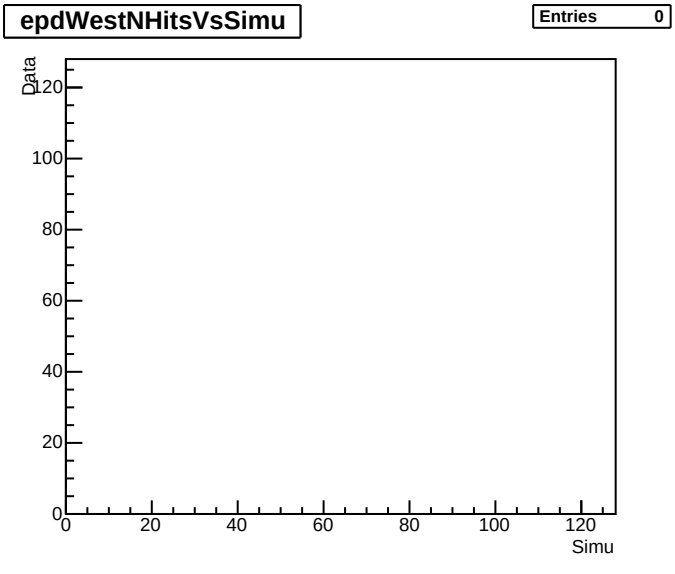
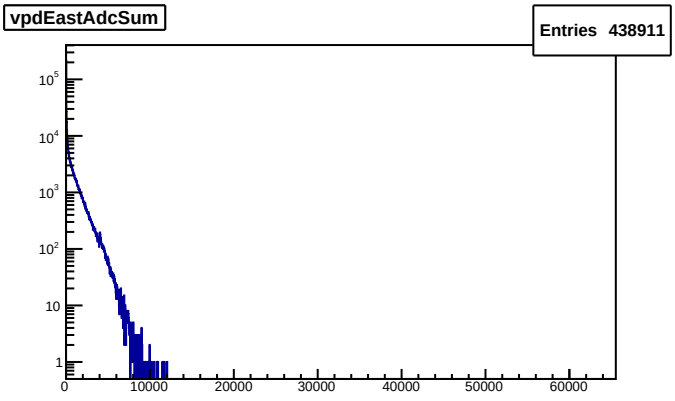
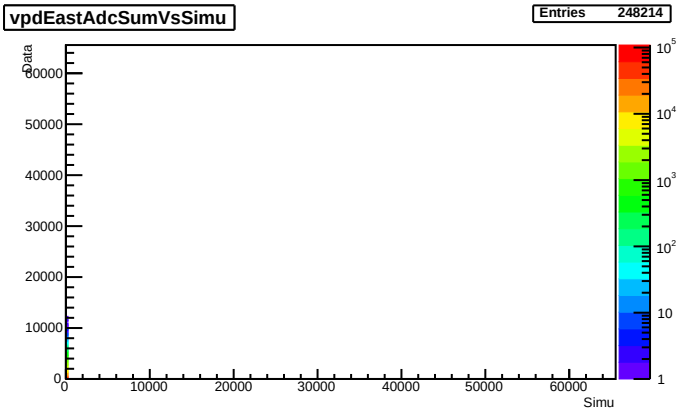
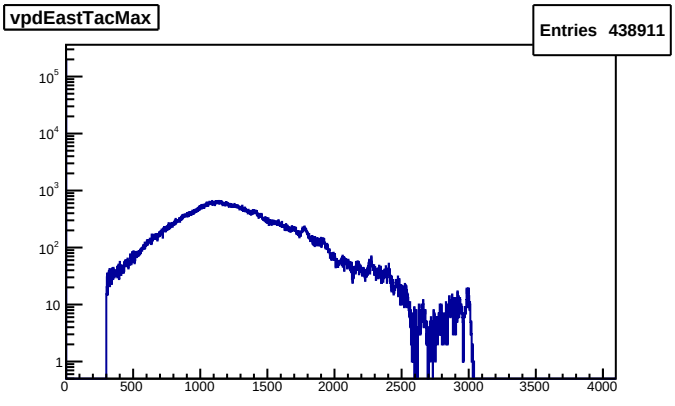
Entries 0
Data
Simu

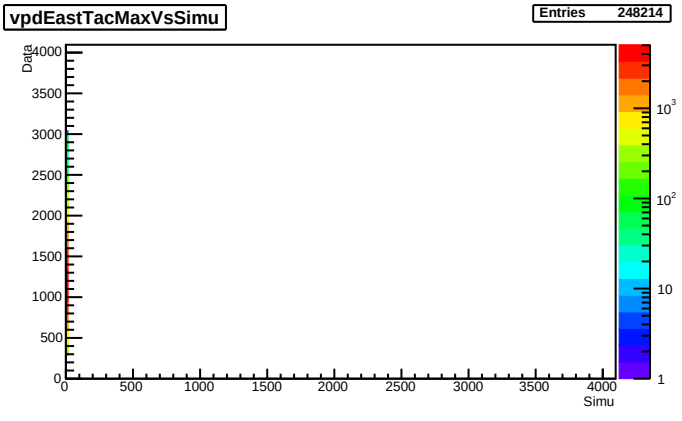

epdWestNHits
Entries 438911

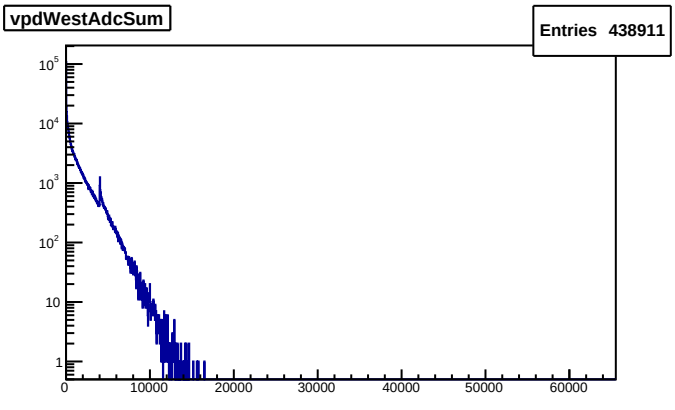

epdWestNHitsVsSimu
Entries 0
Data
Simu

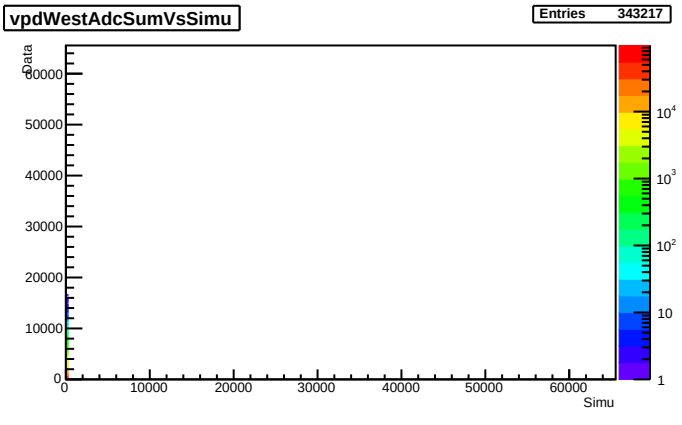

vpdEastAdcSum
Entries 438911

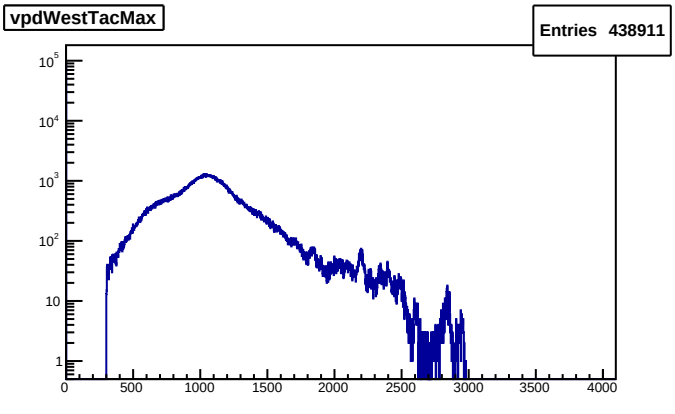

vpdEastAdcSumVsSimu
Entries 248214
Data
Simu

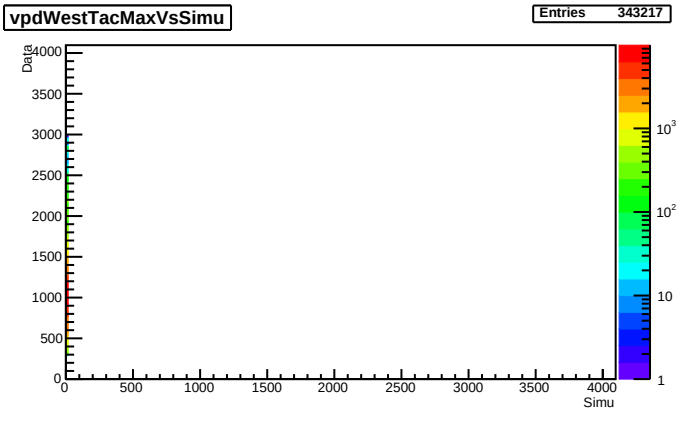

vpdEastTacMax
Entries 438911

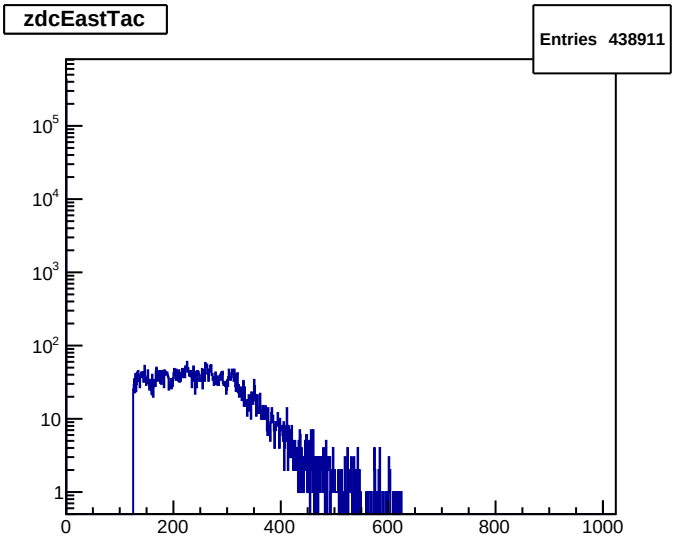

vpdEastTacMaxVsSimu
Entries 248214
Data
Simu

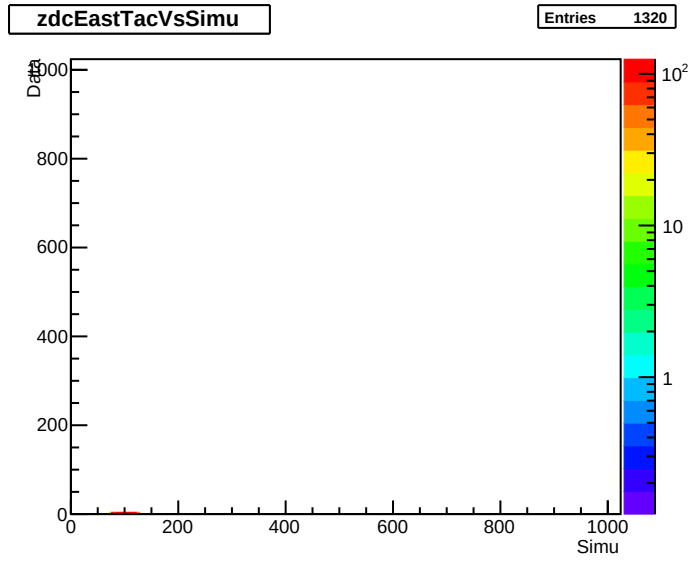

vpdWestAdcSum
Entries 438911

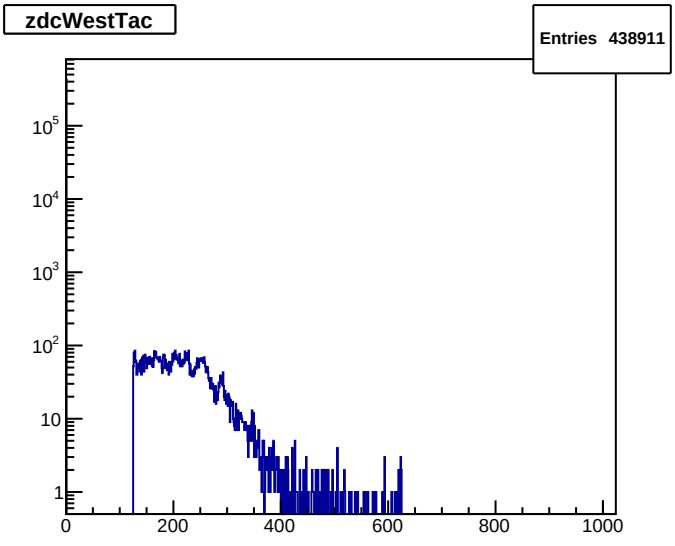

vpdWestAdcSumVsSimu
Entries 343217
Data
Simu

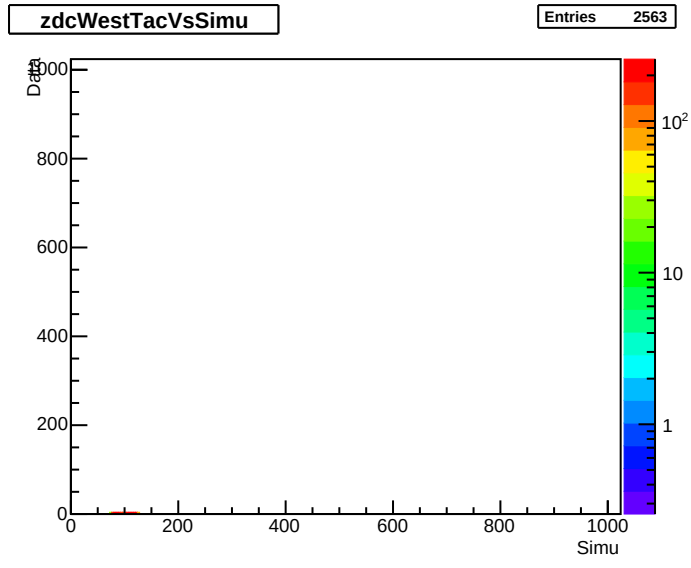

vpdWestTacMax
Entries 438911

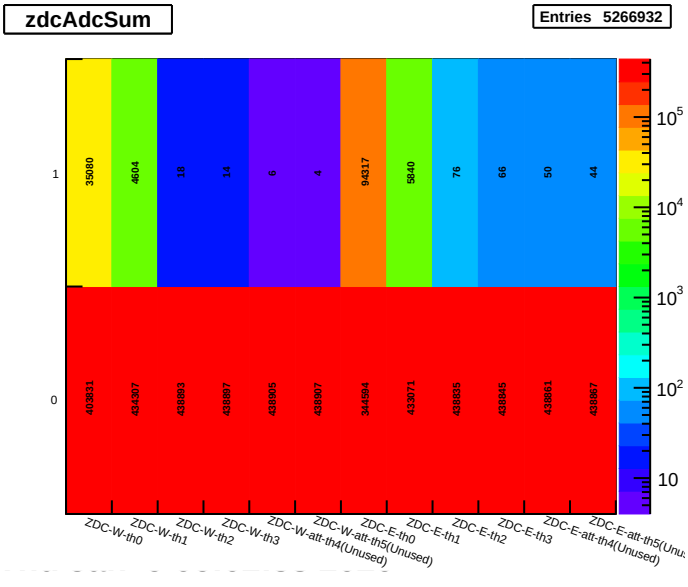

vpdWestTacMaxVsSimu
Entries 343217
Data
Simu

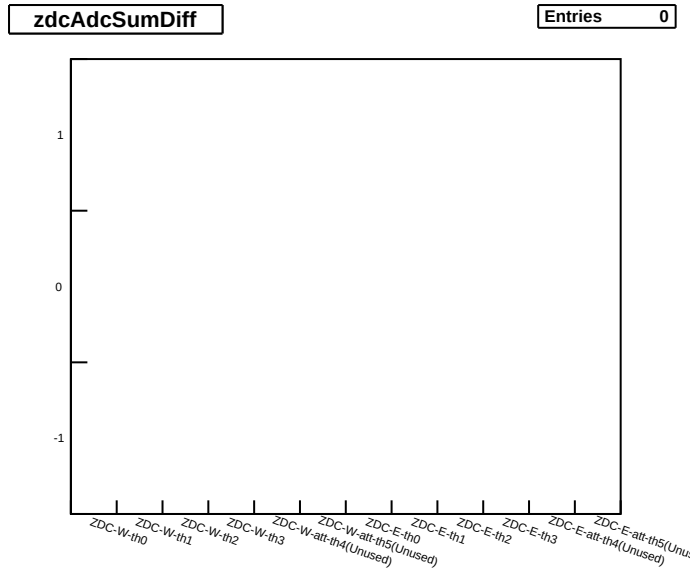

zdcEastTac
Entries 438911

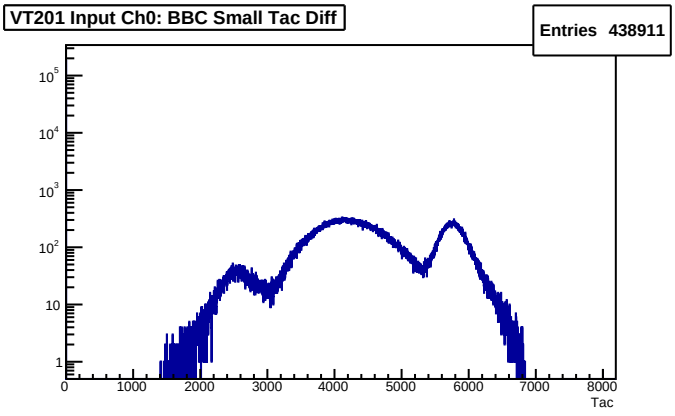

zdcEastTacVsSimu
Entries 1320
Data
Simu

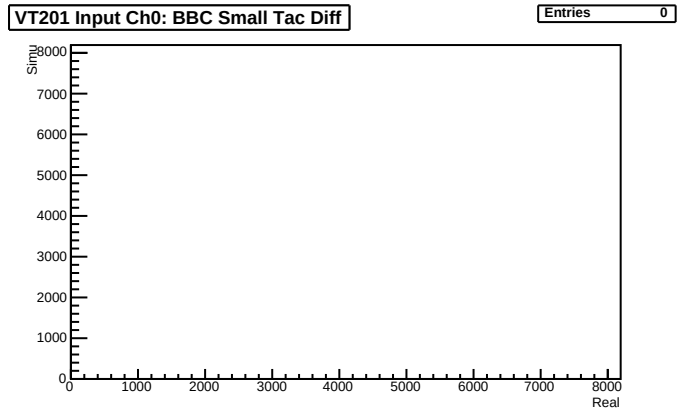

zdcWestTac
Entries 438911

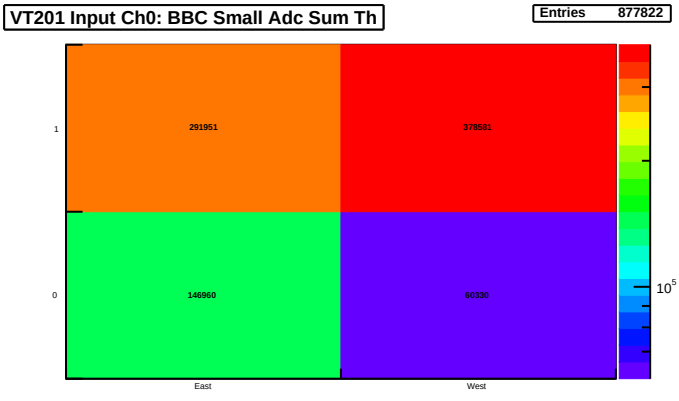

zdcWestTacVsSimu
Entries 2563
Data
Simu

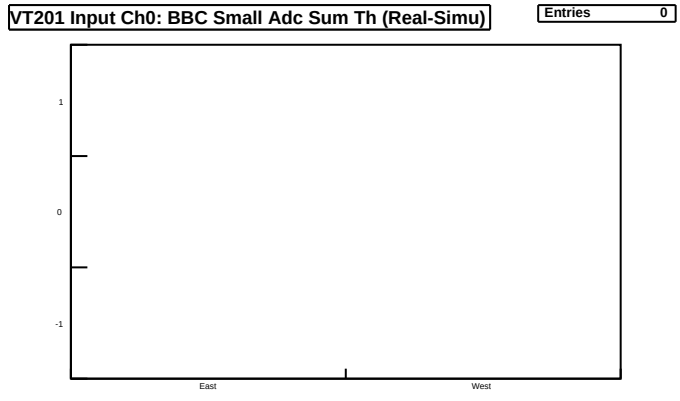

zdcAdcSum
Entries 5266932
35080
4604
18
14
6
4
94317
5840
76
66
50
44
403831
434307
438893
438897
438905
438907
344594
433071
438835
438845
438861
438867
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

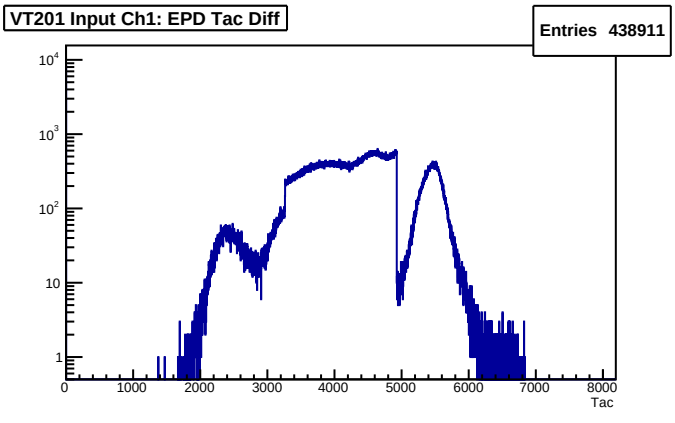

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

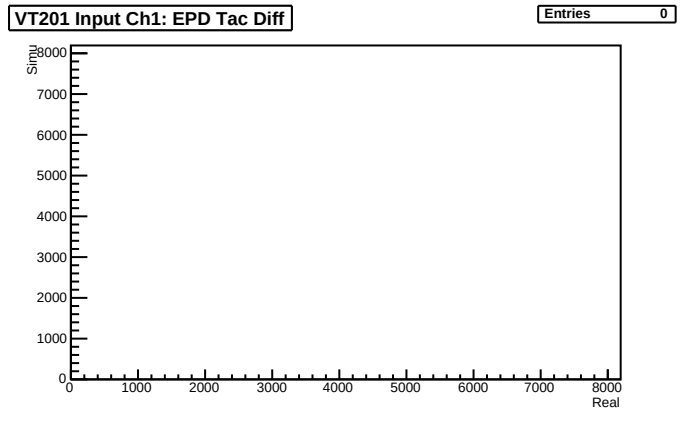

VT201 Input Ch0: BBC Small Tac Diff
Entries 438911
Tac

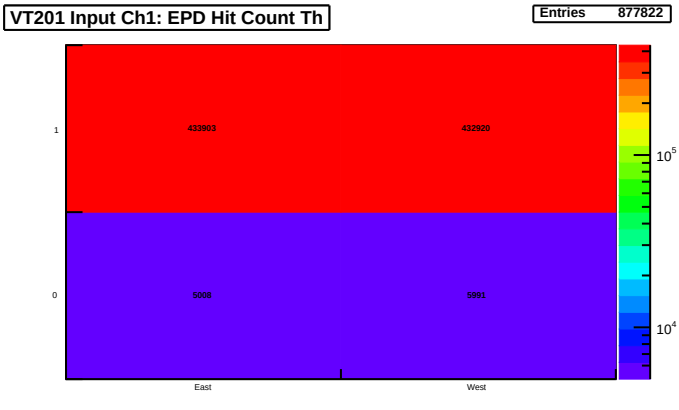

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

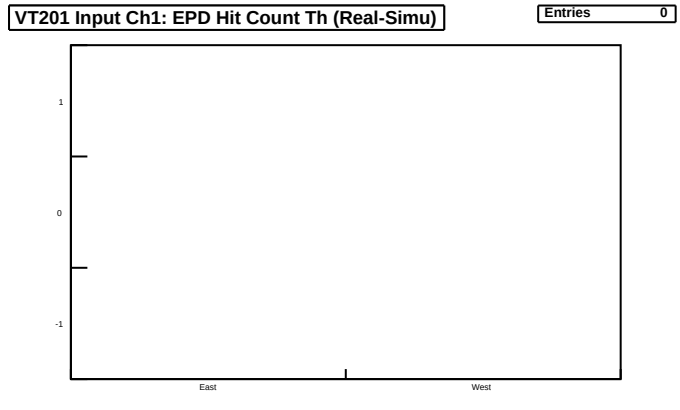

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 877822
291951
378581
146960
60330
East
West

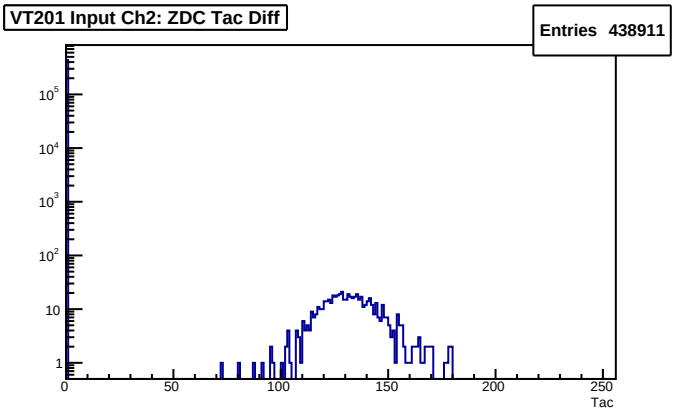

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

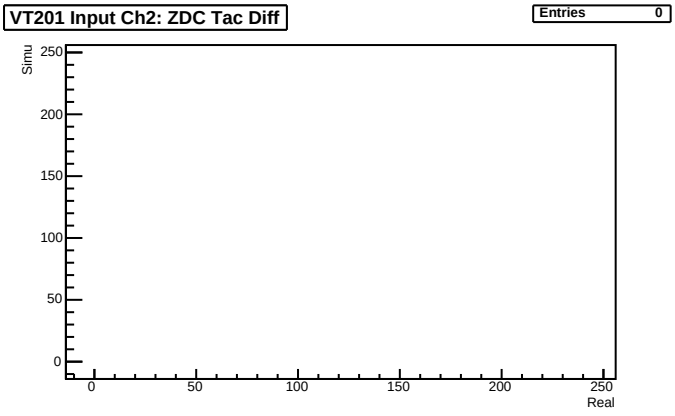

VT201 Input Ch1: EPD Tac Diff
Entries 438911
Tac

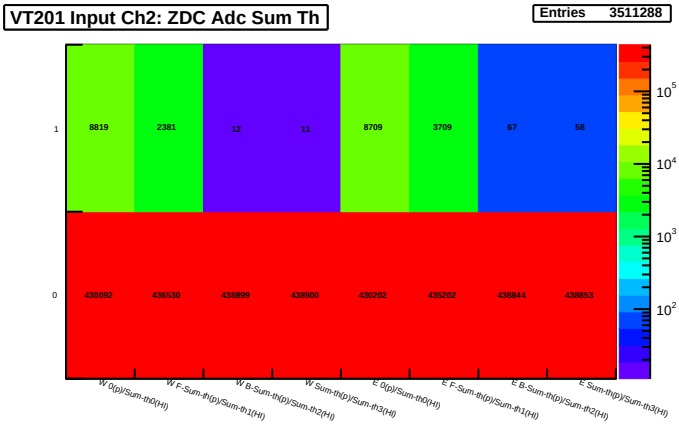

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

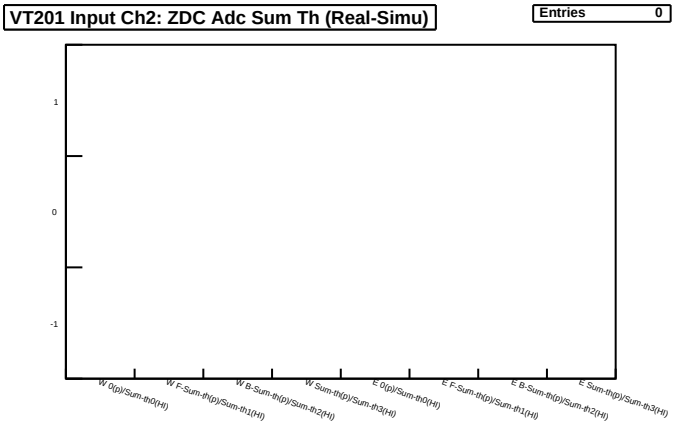

VT201 Input Ch1: EPD Hit Count Th
Entries 877822
433903
432920
5008
5991
East
West

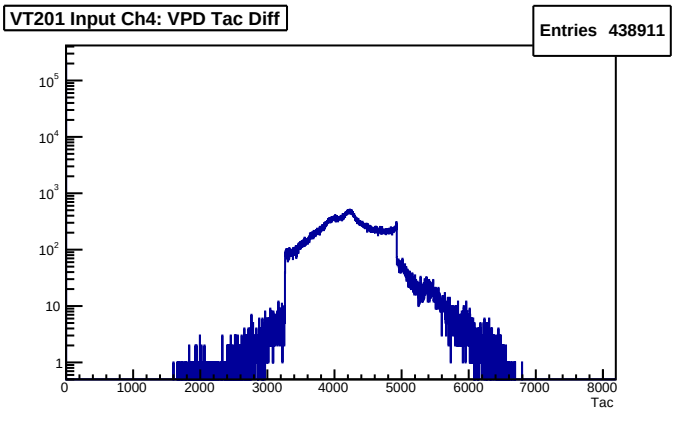

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

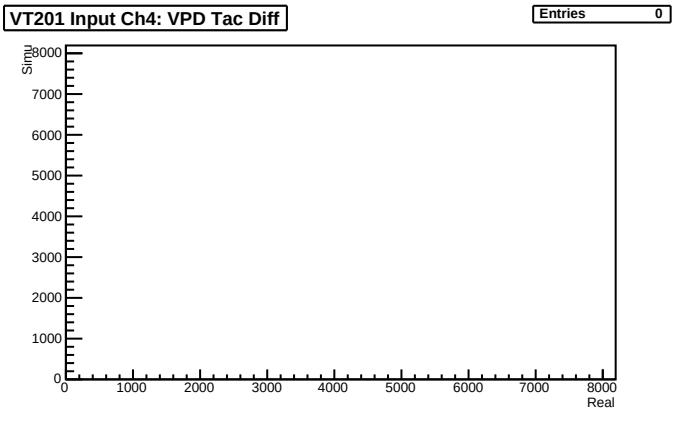

VT201 Input Ch2: ZDC Tac Diff
Entries 438911
Tac

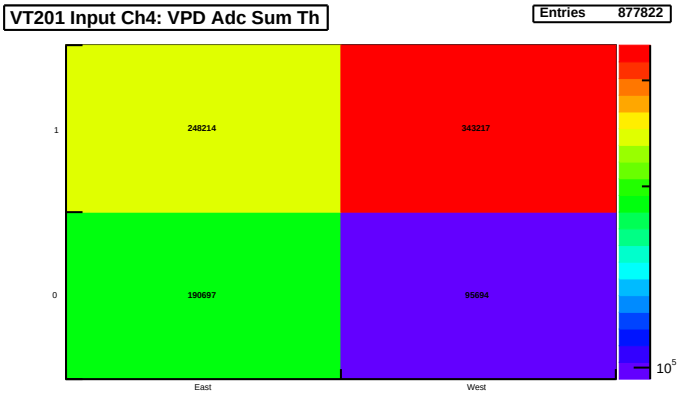

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

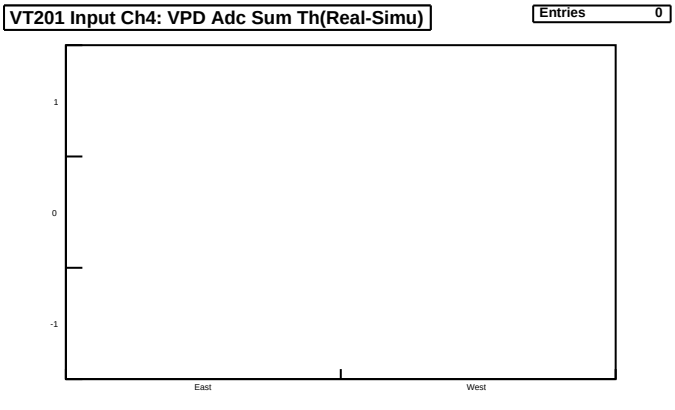

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3511288
8819
2381
12
11
8709
3709
67
58
430092
436530
438899
438900
430202
435202
438844
438853
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

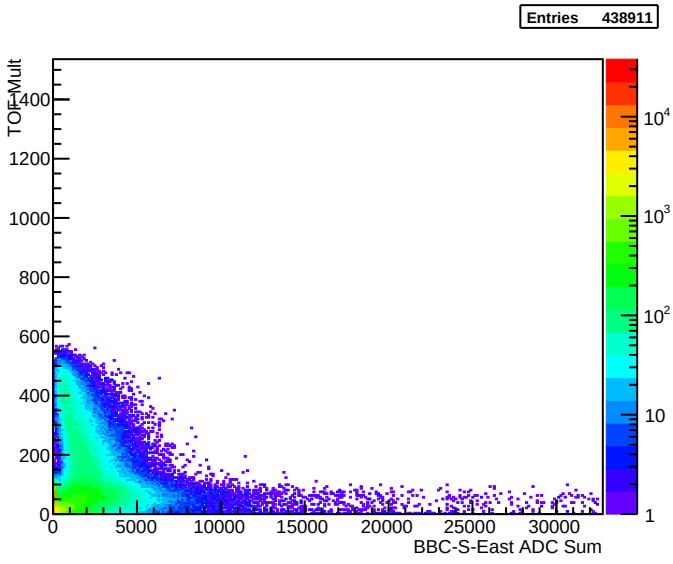

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

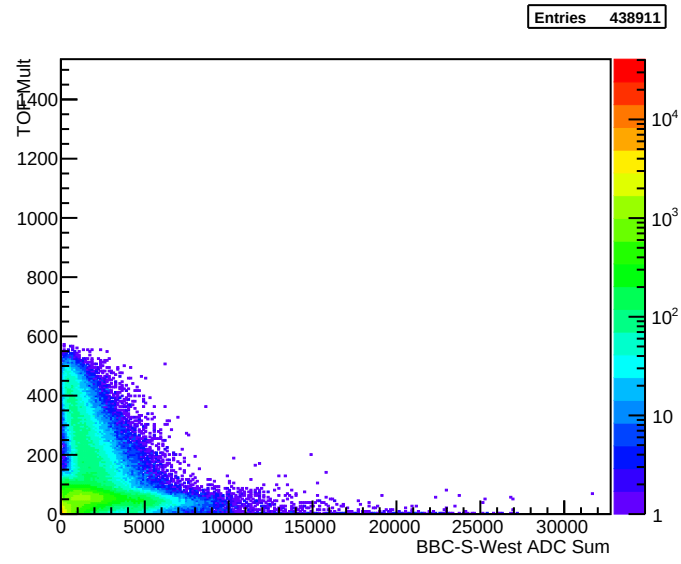

VT201 Input Ch4: VPD Tac Diff
Entries 438911
Tac

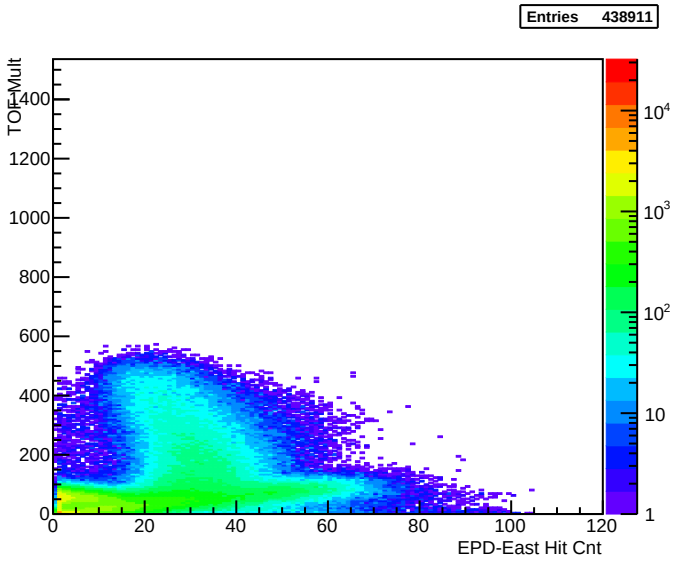

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

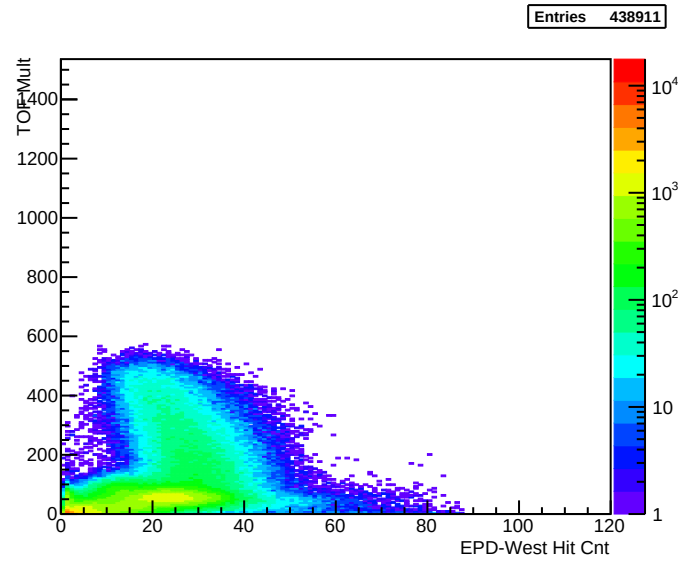

VT201 Input Ch4: VPD Adc Sum Th
Entries 877822
248214
343217
190697
95694
East
West

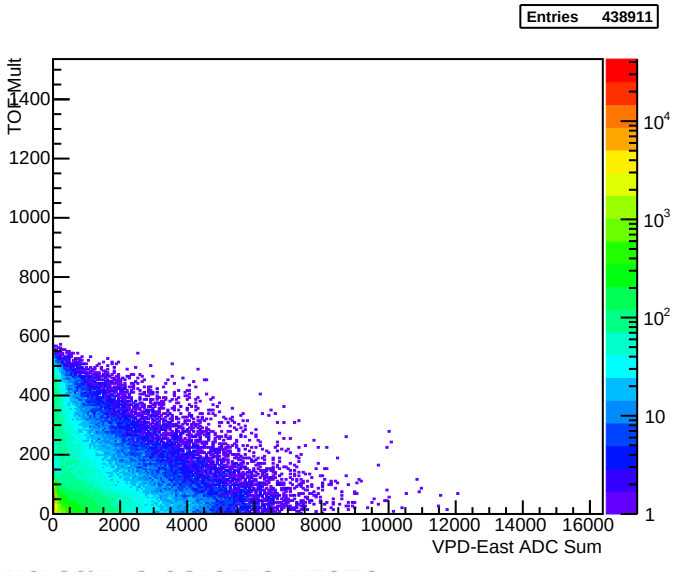

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

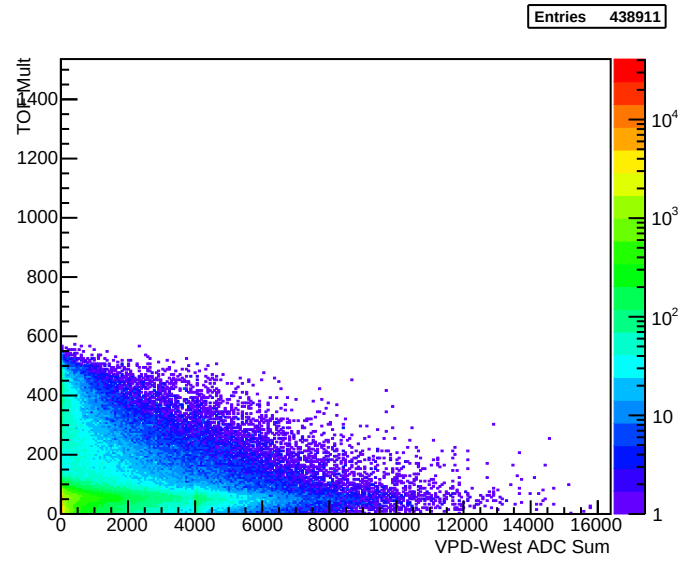

Entries 438911
TOF-Mult
BBC-S-East ADC Sum

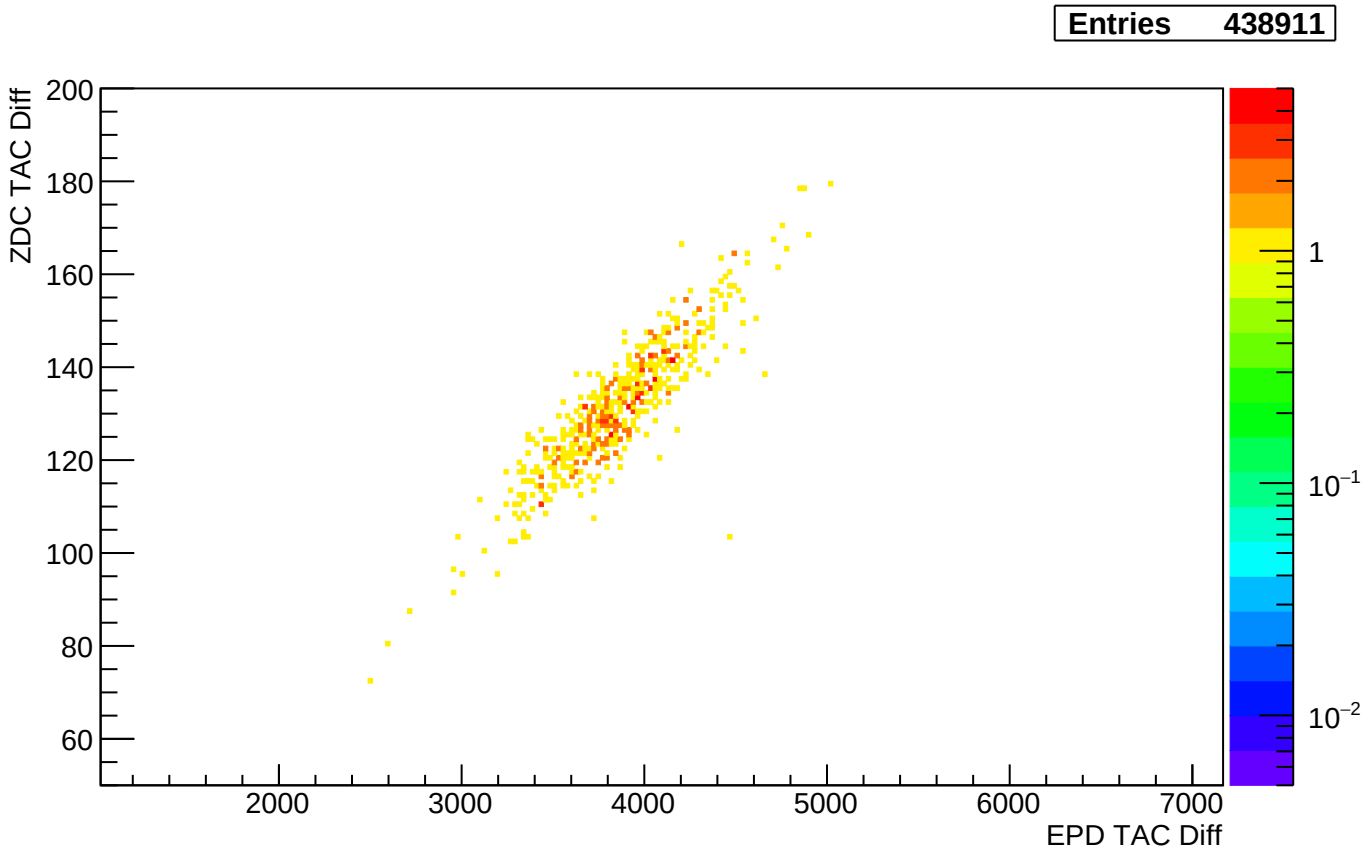

Entries 438911
TOF-Mult
BBC-S-West ADC Sum

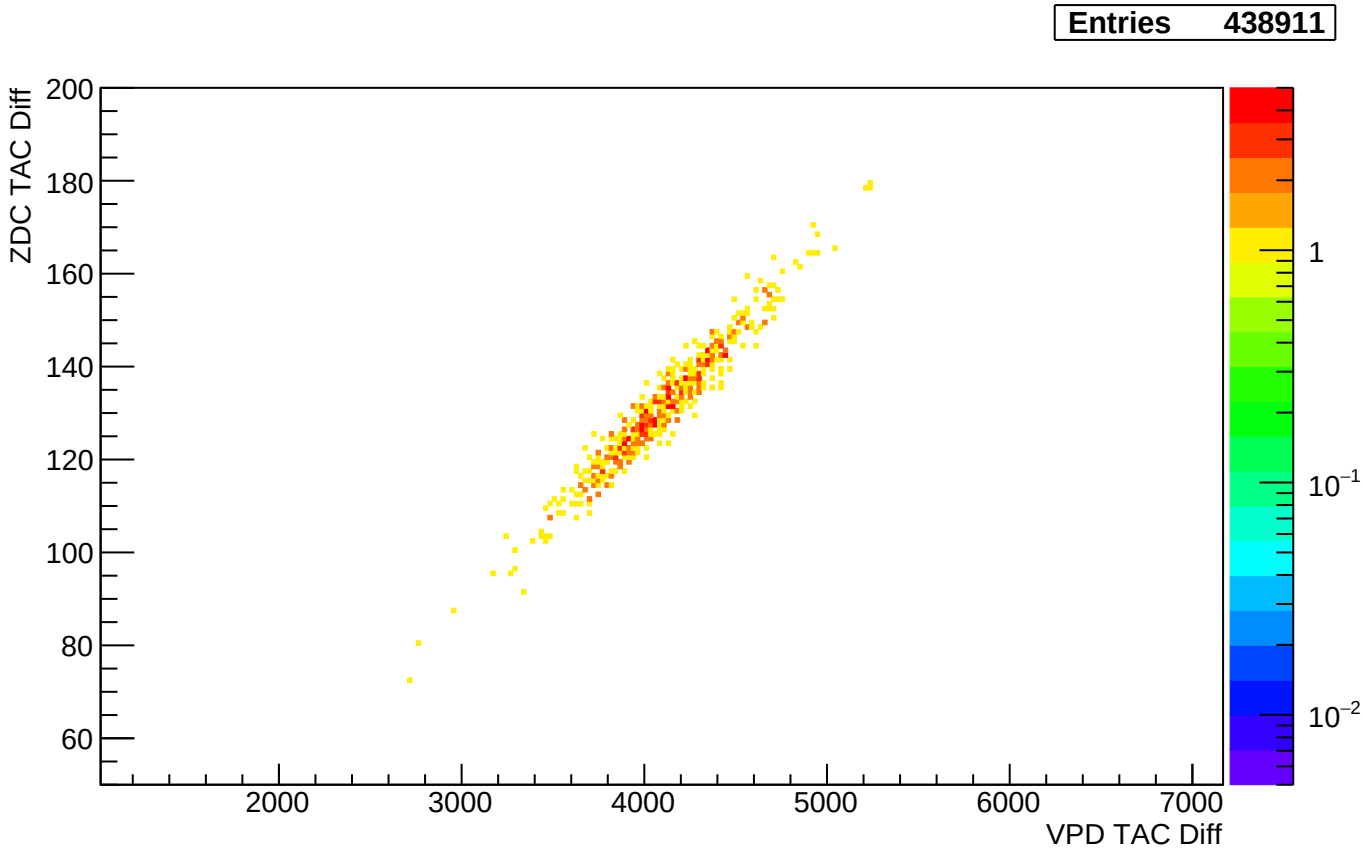

Entries 438911
TOF-Mult
EPD-East Hit Cnt

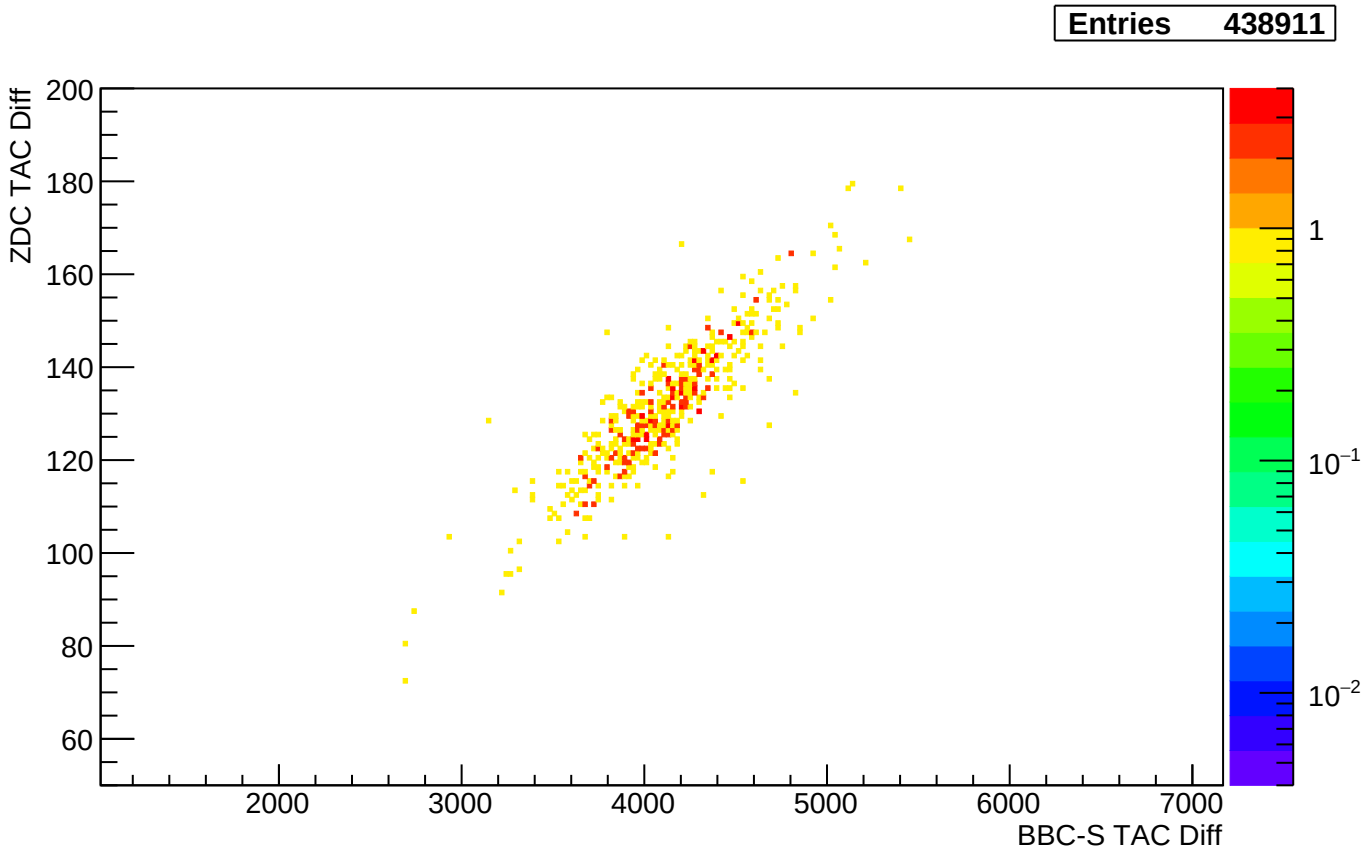

Entries 438911
TOF-Mult
EPD-West Hit Cnt

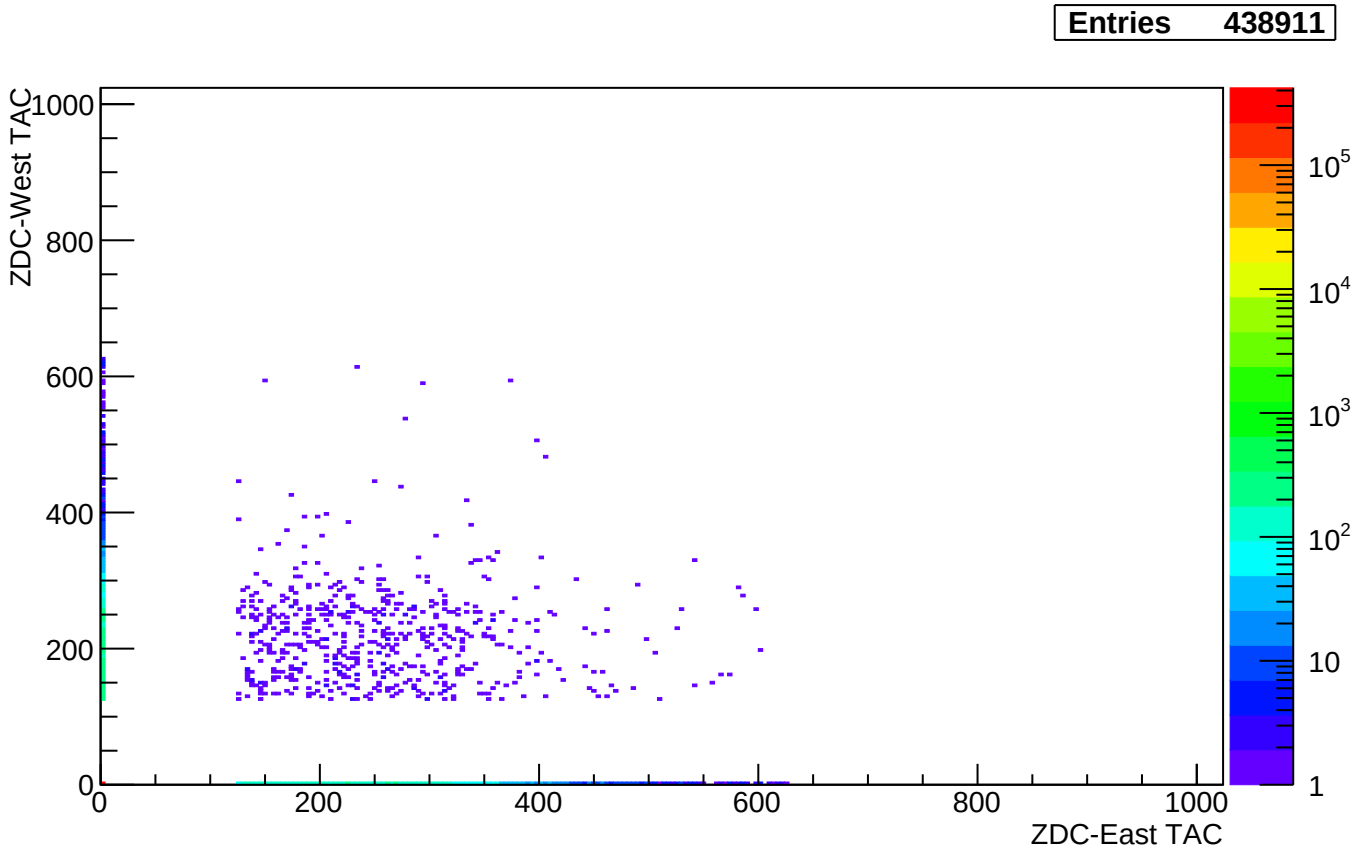

Entries 438911
TOF-Mult
VPD-East ADC Sum

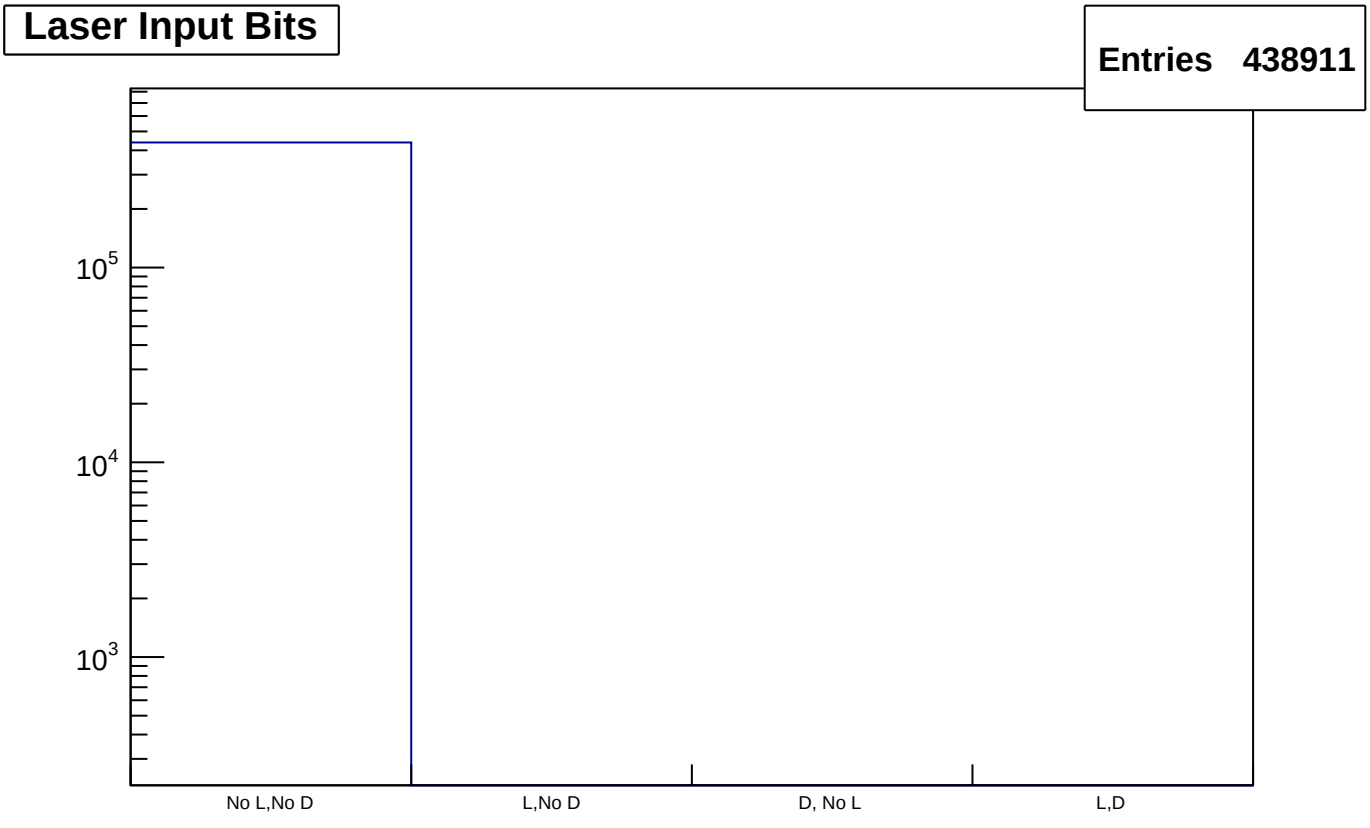

Entries 438911
TOF-Mult
VPD-West ADC Sum

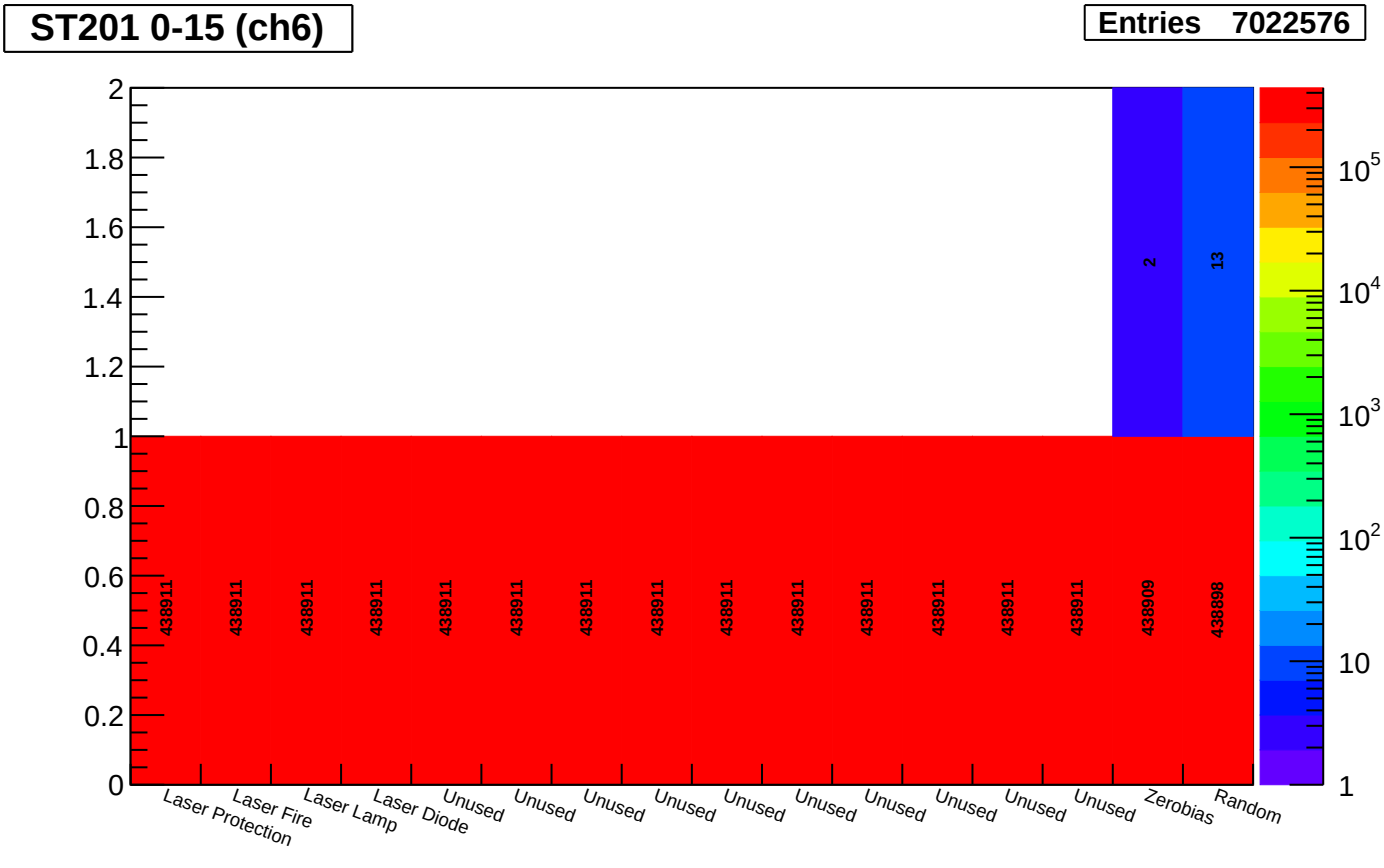

Entries 438911
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

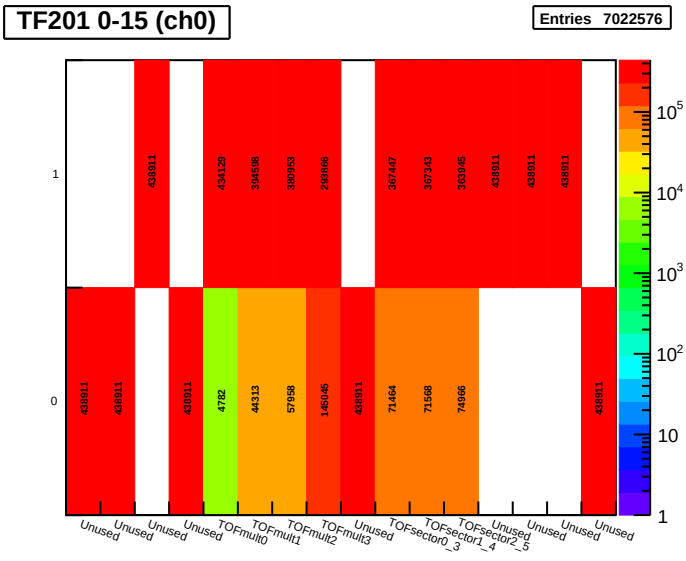

Entries 438911
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

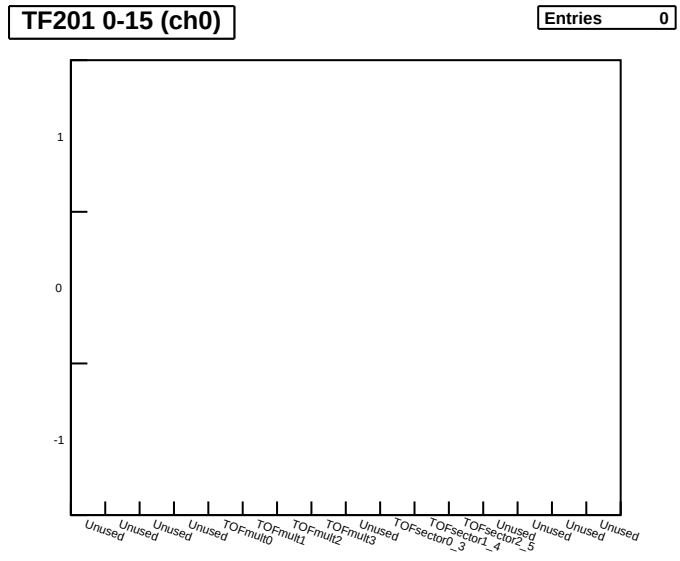

Entries 438911
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

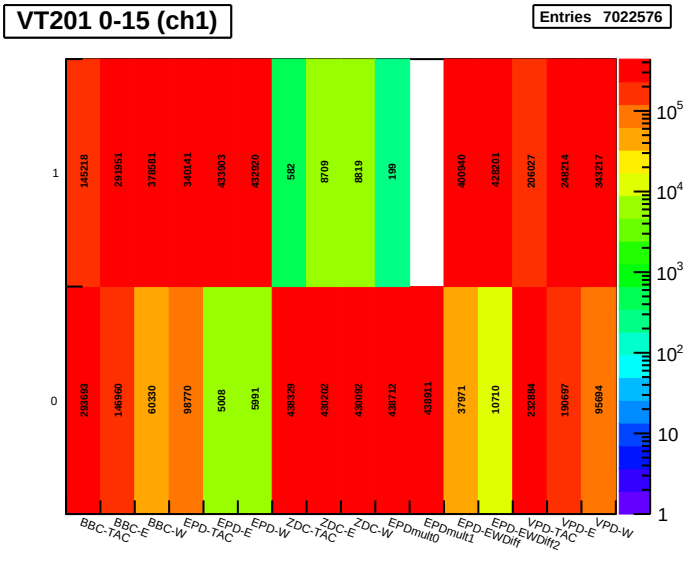

Entries 438911
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

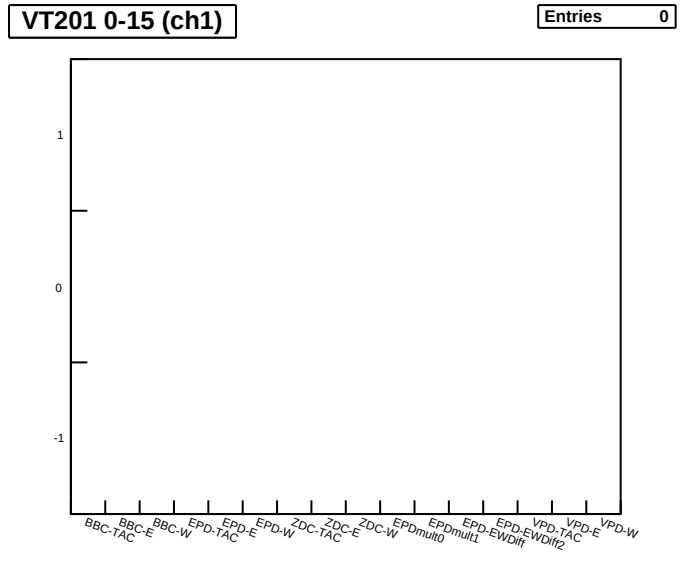

Laser Input Bits
Entries 438911
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

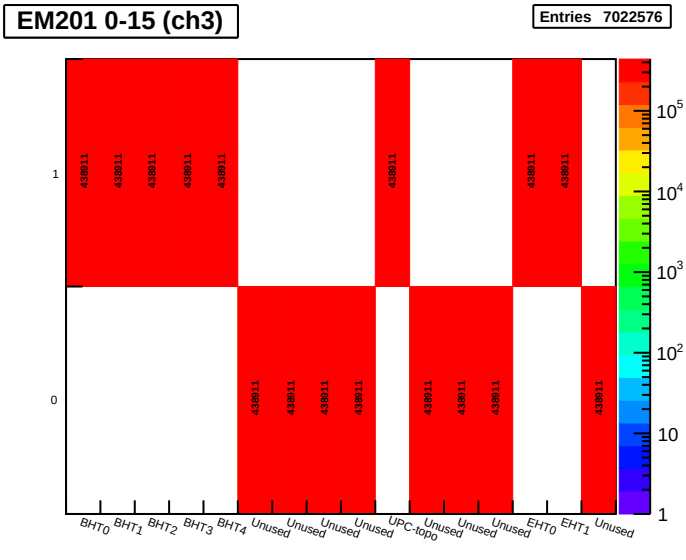

ST201 0-15 (ch6)
Entries 7022576
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438909
438898
2
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

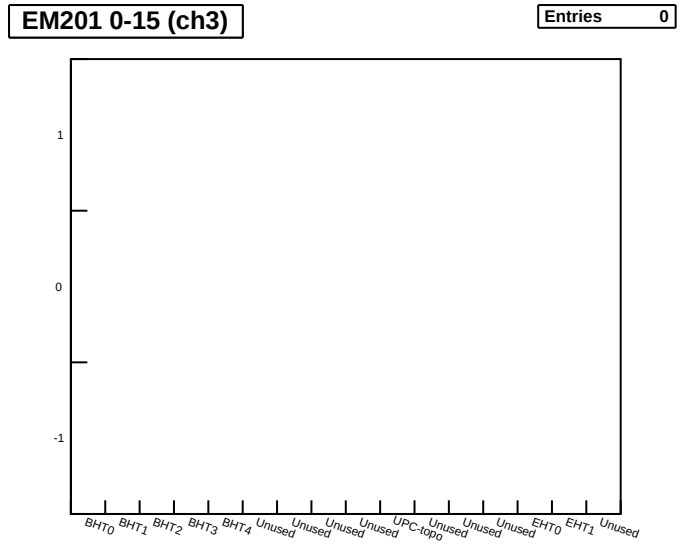

TF201 0-15 (ch0)
Entries 7022576
1
0
438911
434129
394598
380953
293866
367447
357343
363945
438911
438911
438911
438911
438911
4782
44313
57958
145045
438911
71464
71568
74966
438911
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 7022576
1
0
145218
291951
376581
340141
433903
432920
582
8709
8819
199
400940
428201
206027
248214
343217
293693
146960
60330
98770
5008
5991
438329
430202
430092
438712
438911
37971
10710
232884
190697
95694
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 7022576
1
0
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
438911
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