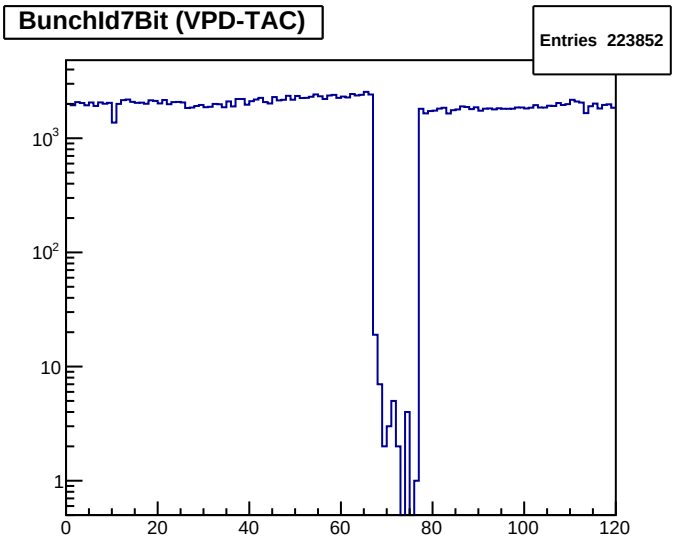
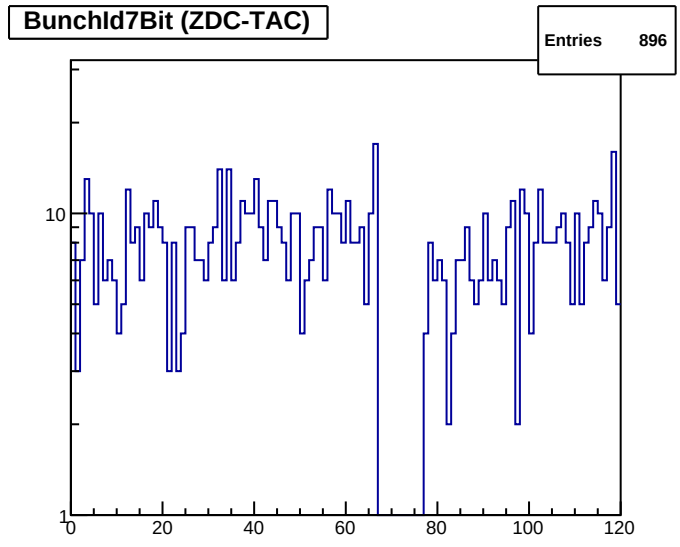
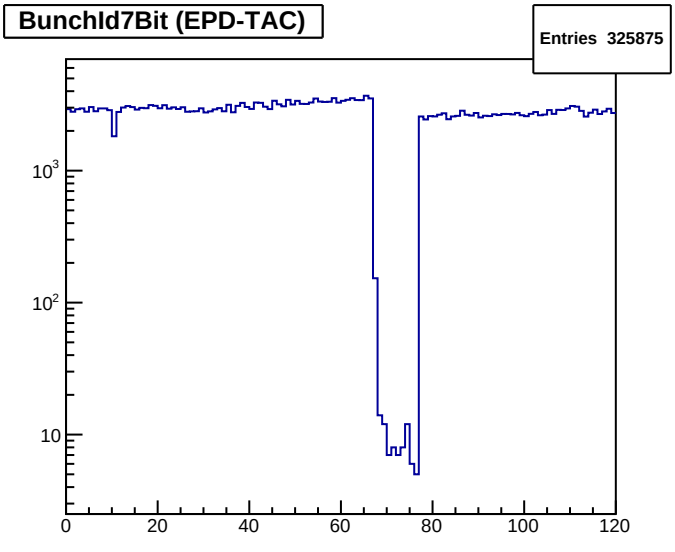
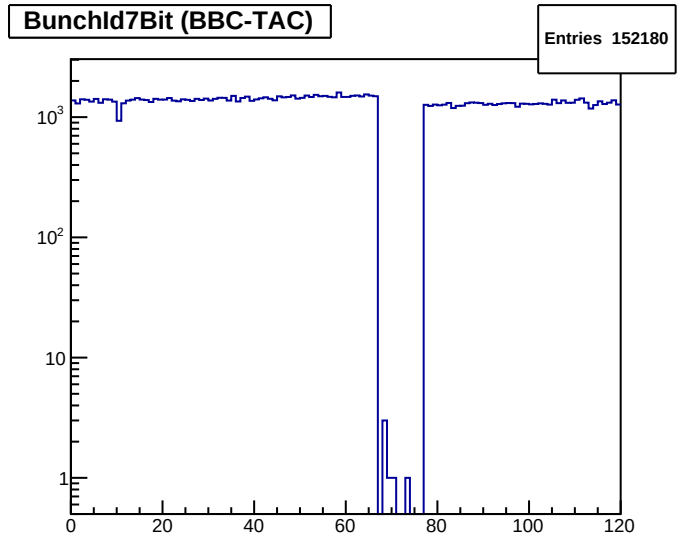
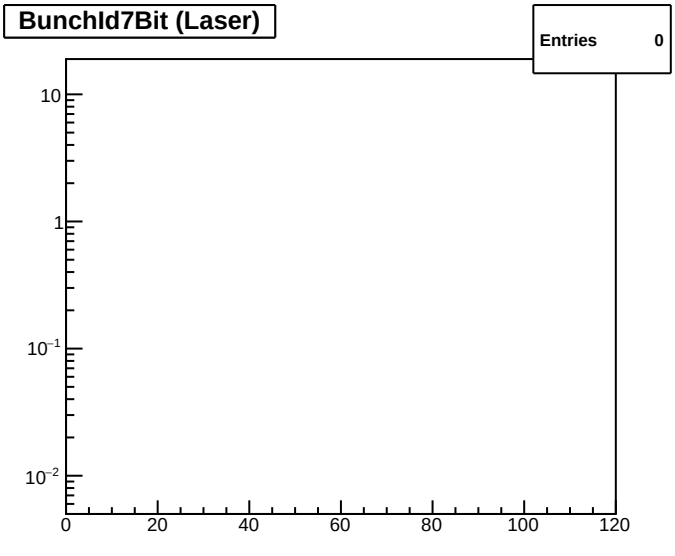
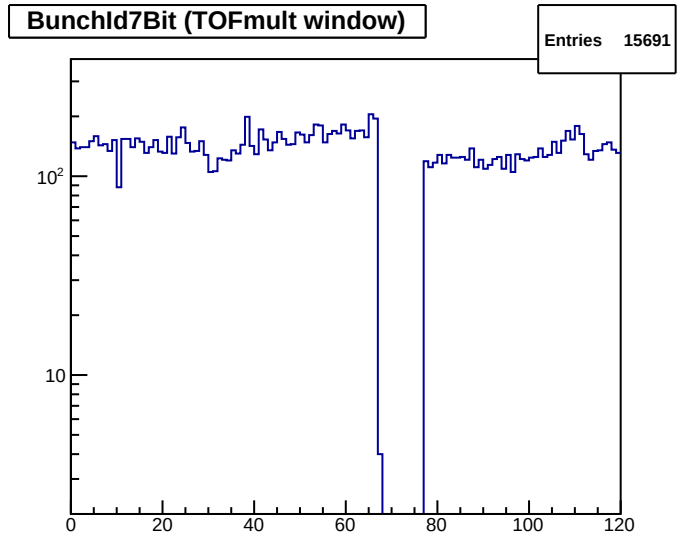

BunchId7Bit (VPD-TAC)
Entries 223852

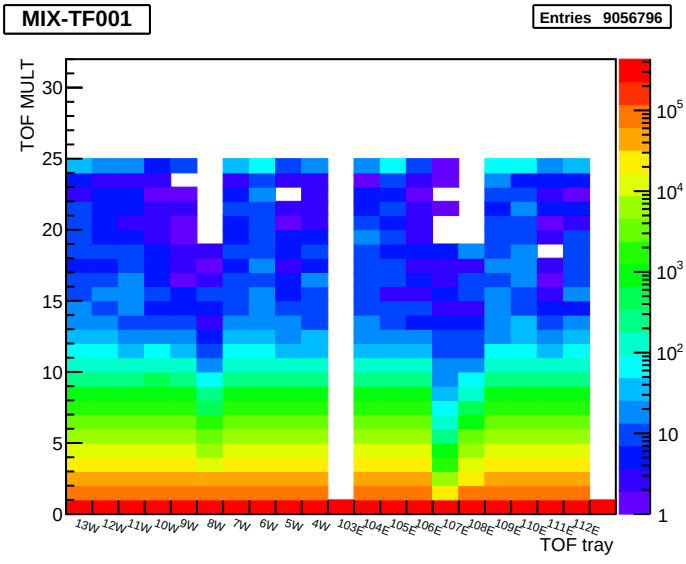

BunchId7Bit (ZDC-TAC)
Entries 896

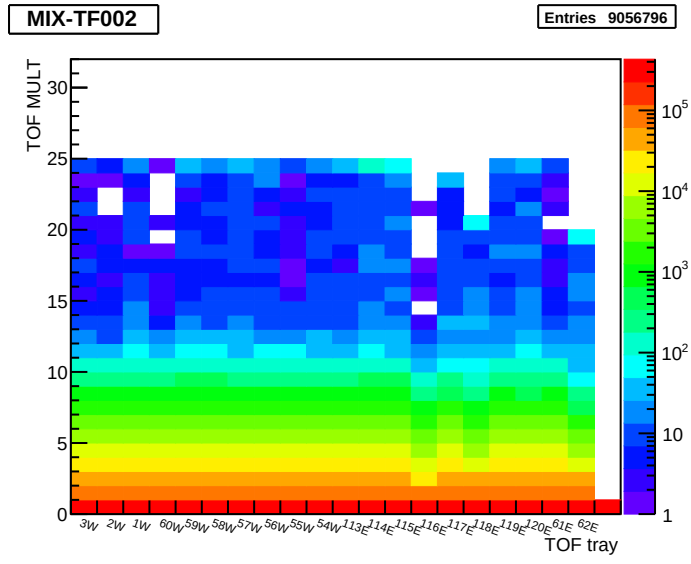

BunchId7Bit (EPD-TAC)
Entries 325875

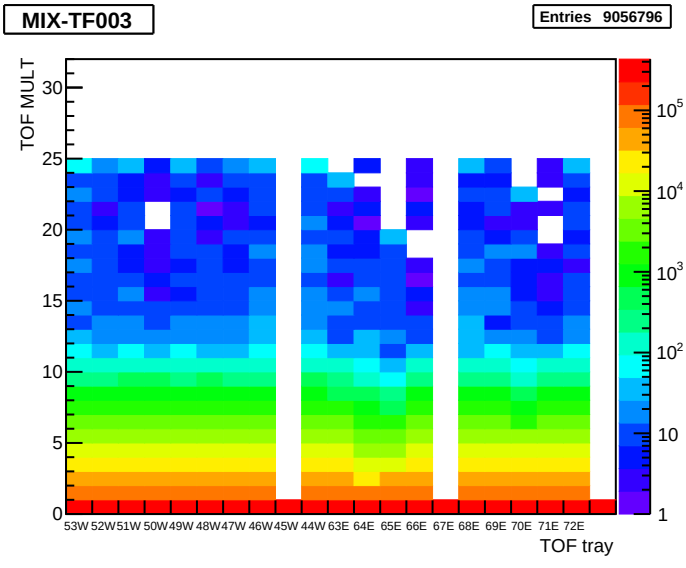

BunchId7Bit (BBC-TAC)
Entries 152180

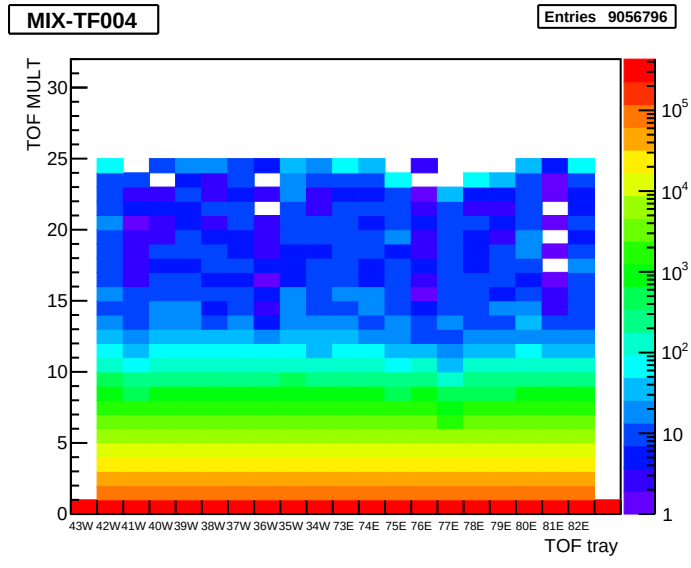

BunchId7Bit (Laser)
Entries 0

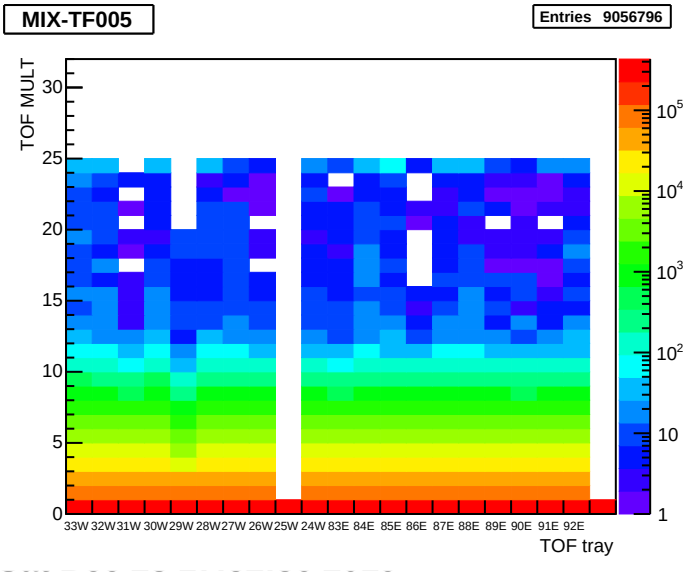

BunchId7Bit (TOFmult window)
Entries 15691

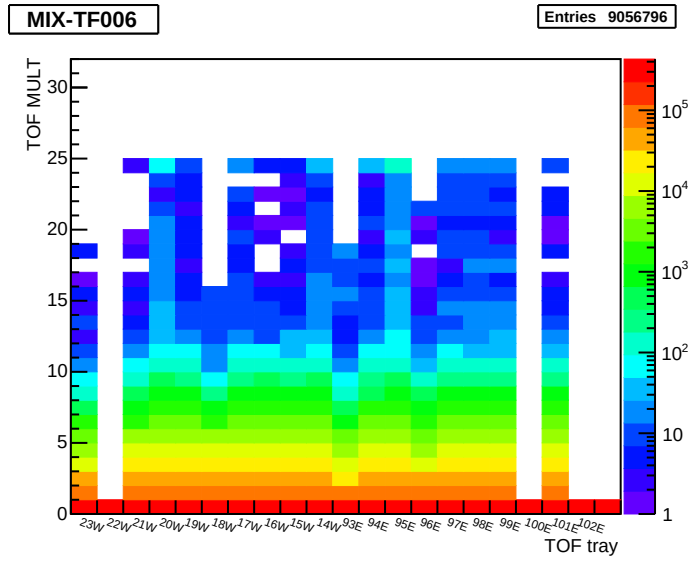

MIX-TF001
Entries 9056796
TOF MULT
TOF tray

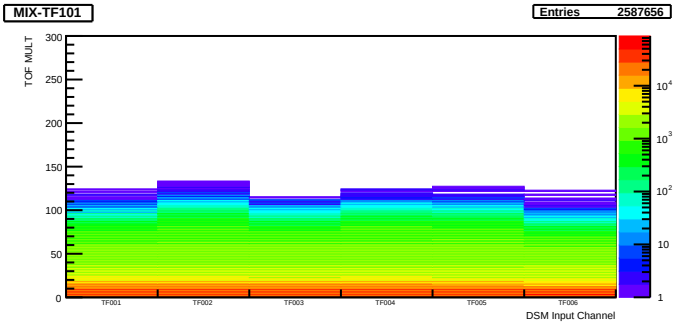

MIX-TF002
Entries 9056796
TOF MULT
TOF tray

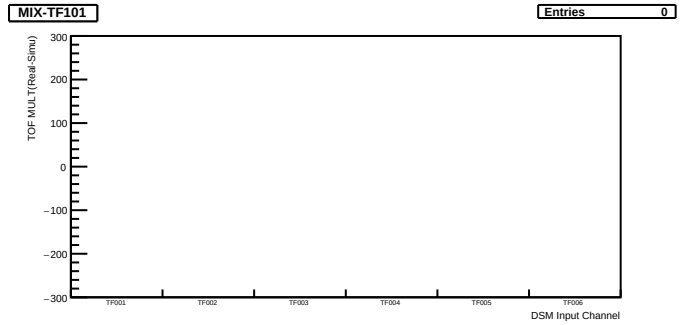

MIX-TF003
Entries 9056796
TOF MULT
TOF tray

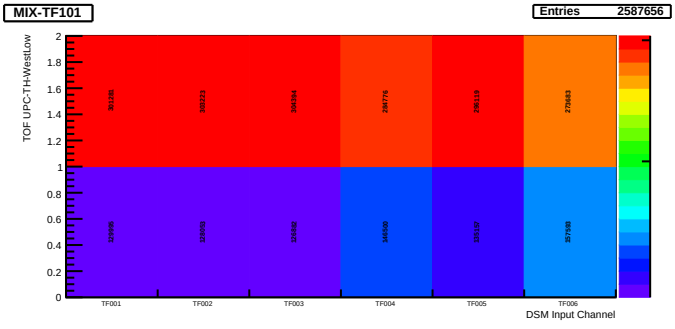

MIX-TF004
Entries 9056796
TOF MULT
TOF tray

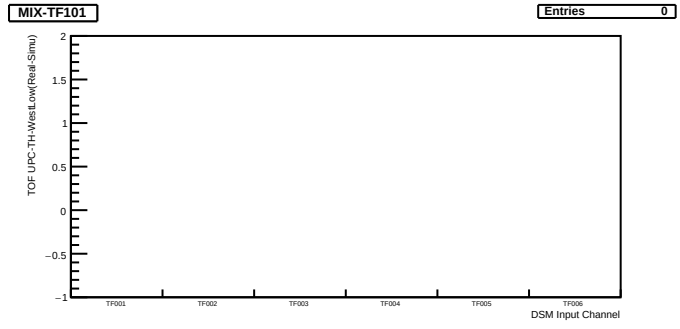

MIX-TF005
Entries 9056796
TOF MULT
TOF tray

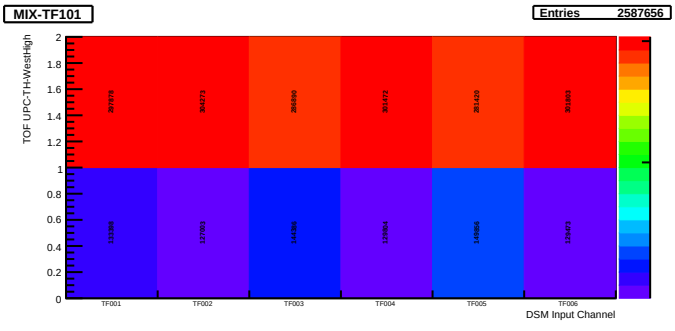

MIX-TF006
Entries 9056796
TOF MULT
TOF tray

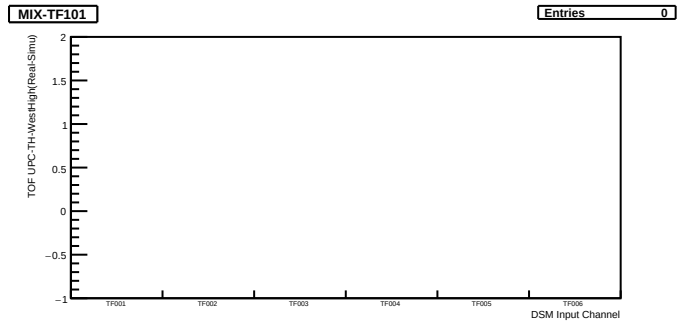

MIX-TF101
Entries 2587656
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

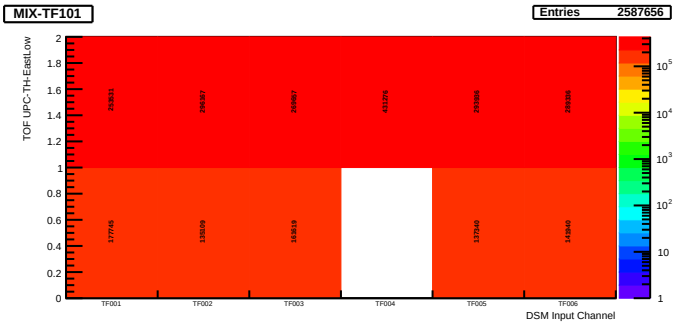

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

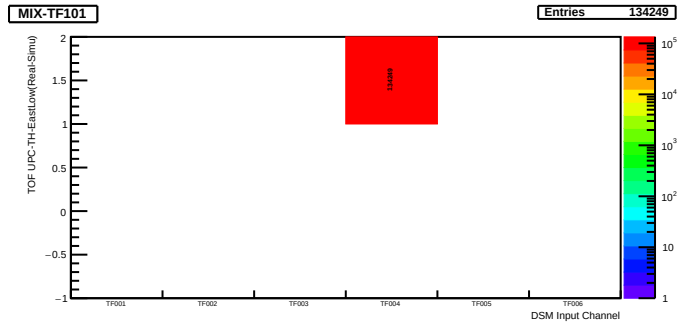

MIX-TF101
Entries 2587656
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

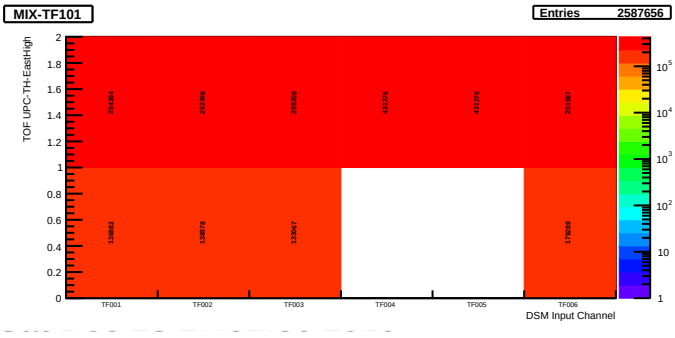

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

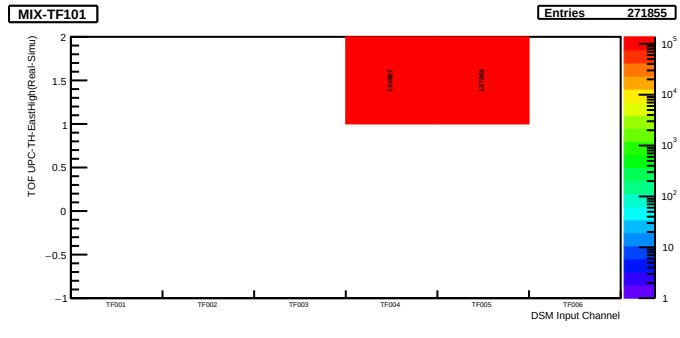

MIX-TF101
Entries 2587656
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

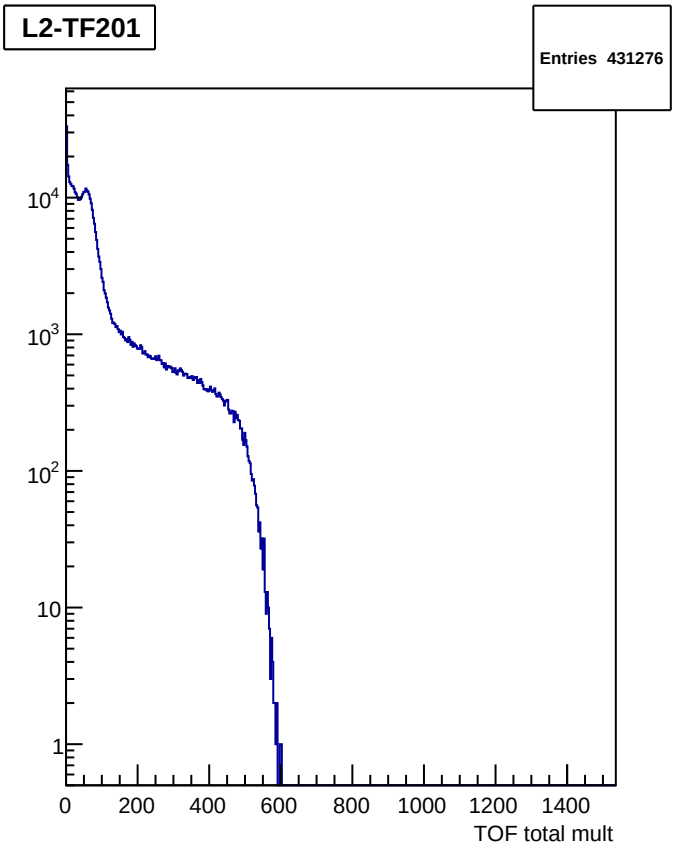

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

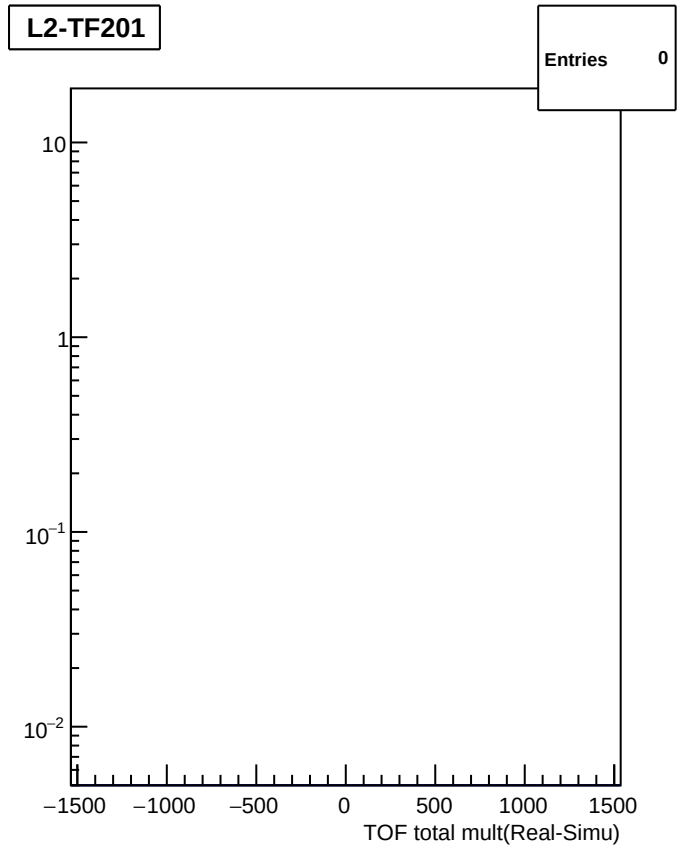

MIX-TF101
Entries 2587656
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

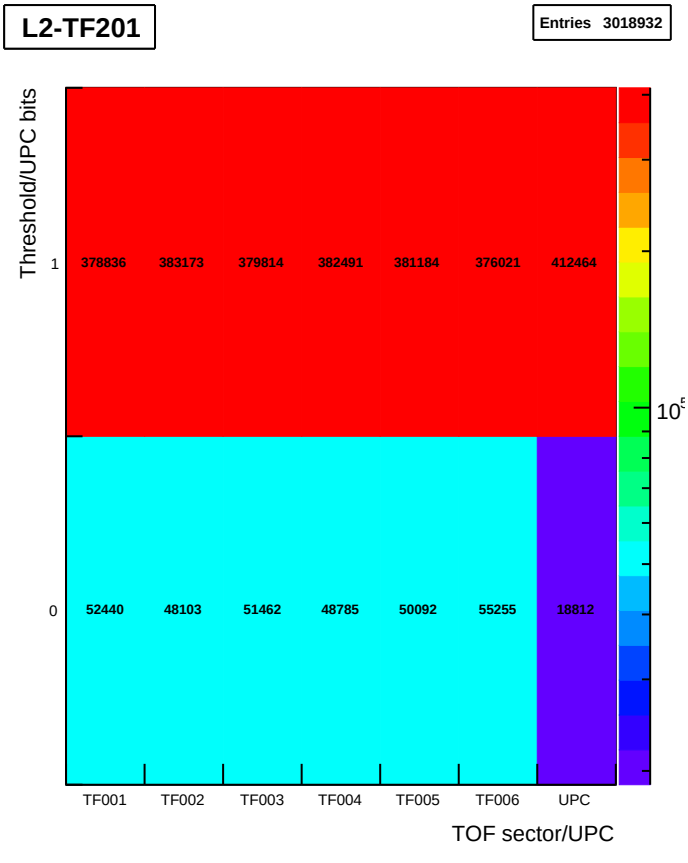

MIX-TF101
Entries 134249
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

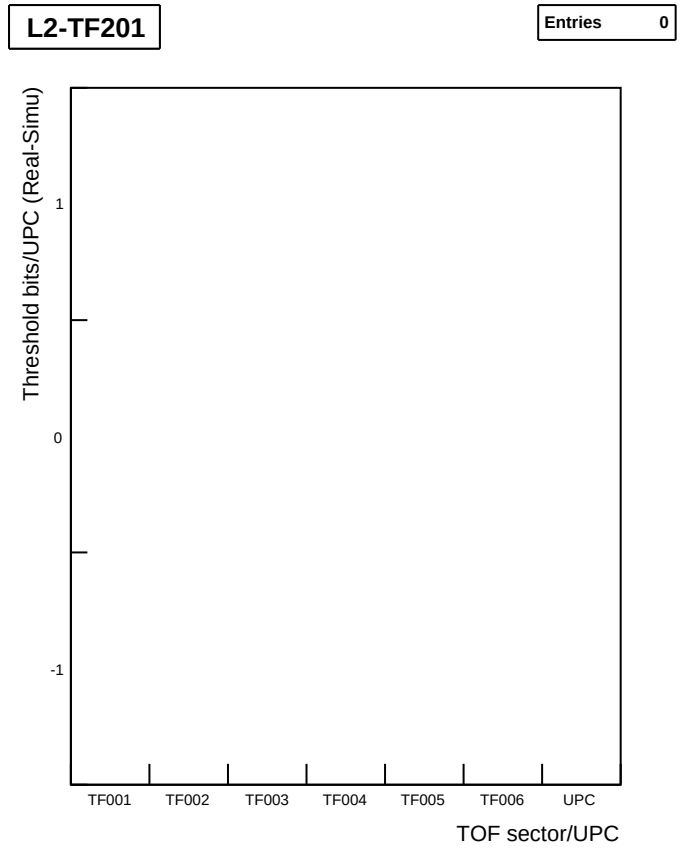

MIX-TF101
Entries 2587656
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

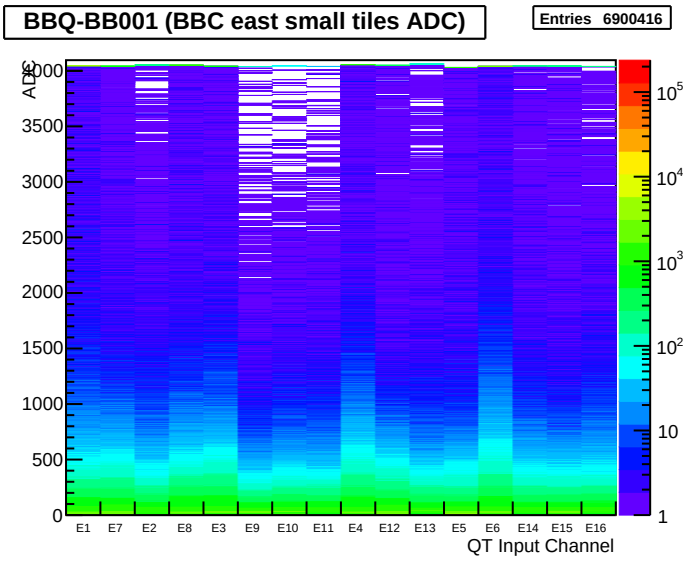

MIX-TF101
Entries 271855
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

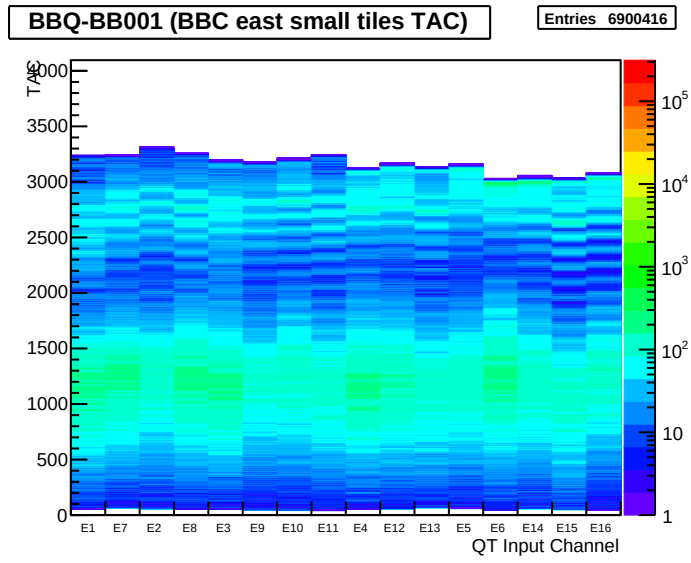

L2-TF201
Entries 431276
TOF total mult

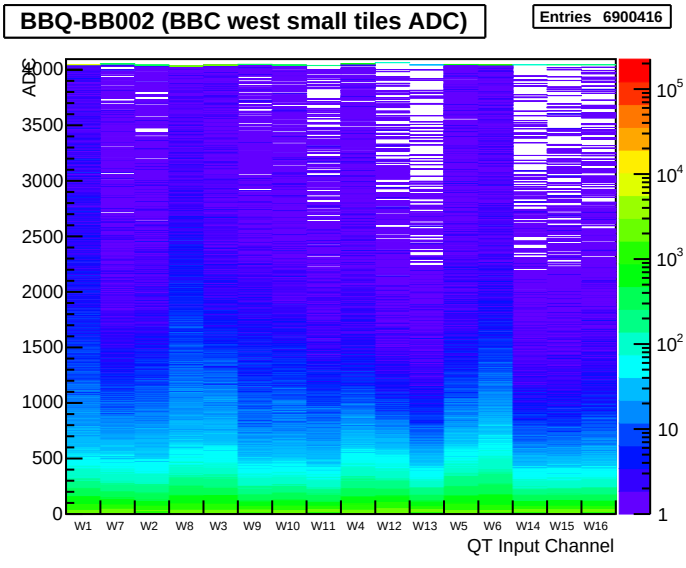

L2-TF201
Entries 0
TOF total mult(Real-Simu)

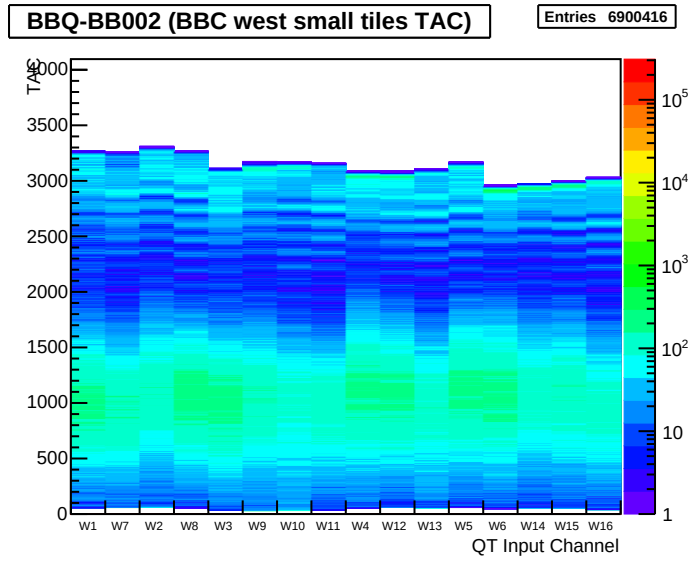

L2-TF201
Entries 3018932
Threshold/UPC bits
378836
383173
379814
382491
381184
376021
412464
52440
48103
51462
48785
50092
55255
18812
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

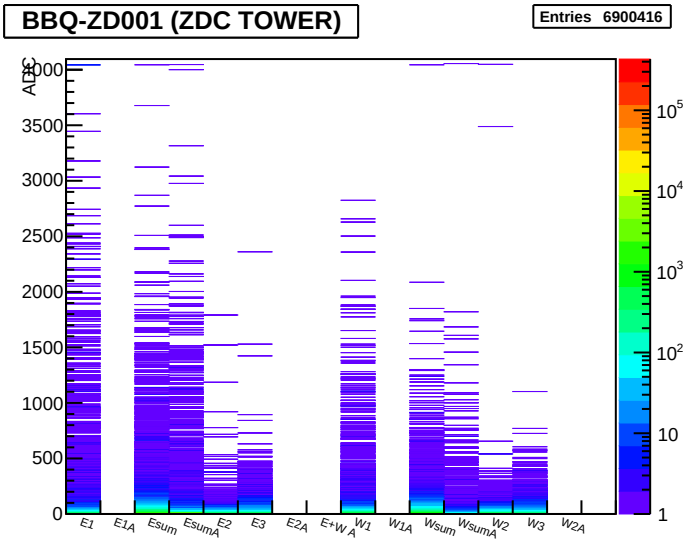

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

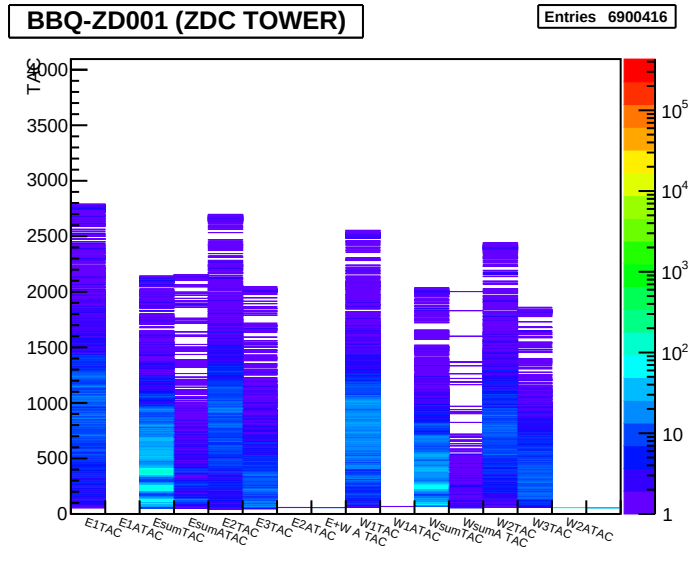

BBQ-BB001 (BBC east small tiles ADC)
Entries 6900416
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

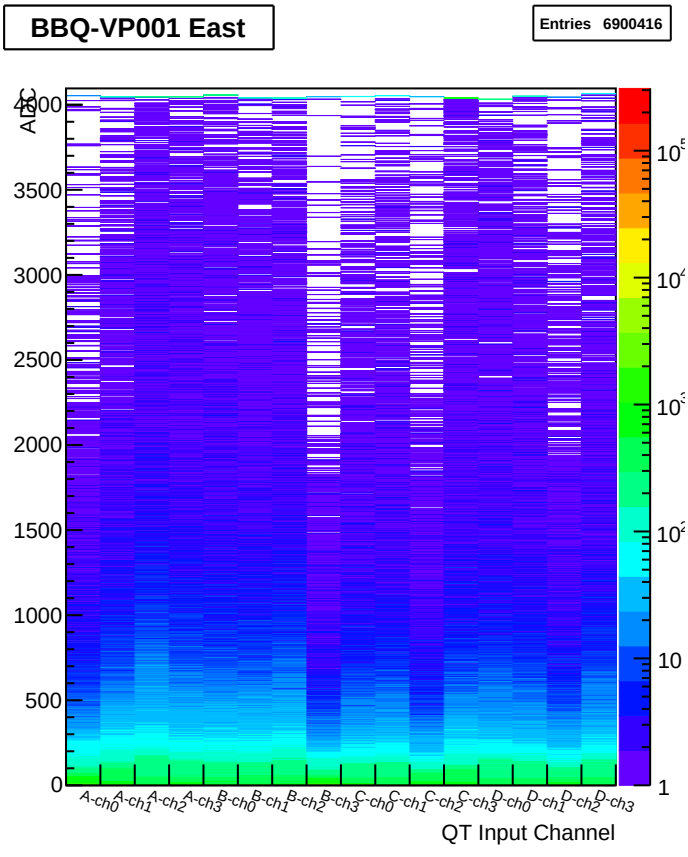

BBQ-BB001 (BBC east small tiles TAC)
Entries 6900416
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

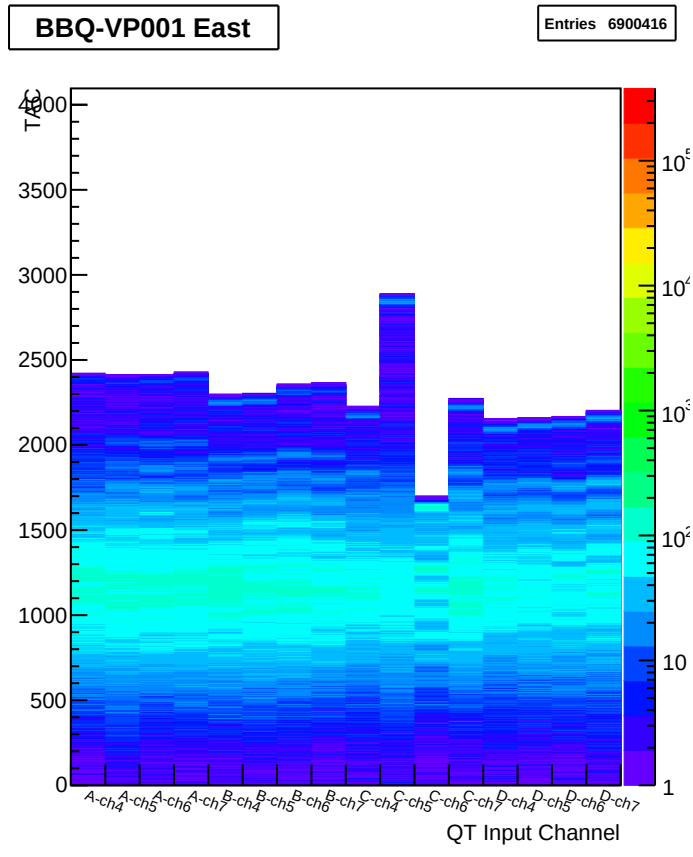

BBQ-BB002 (BBC west small tiles ADC)
Entries 6900416
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

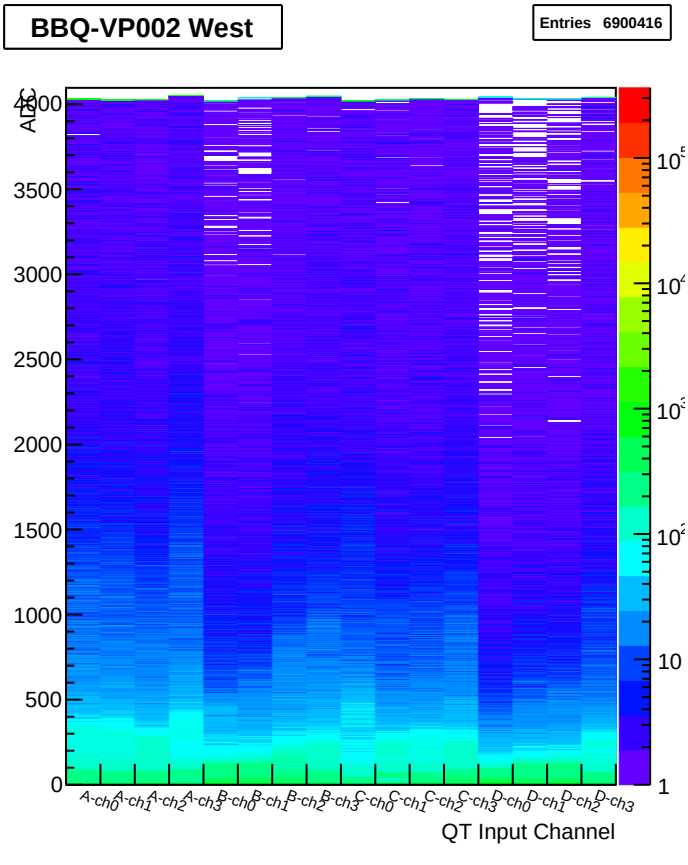

BBQ-BB002 (BBC west small tiles TAC)
Entries 6900416
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

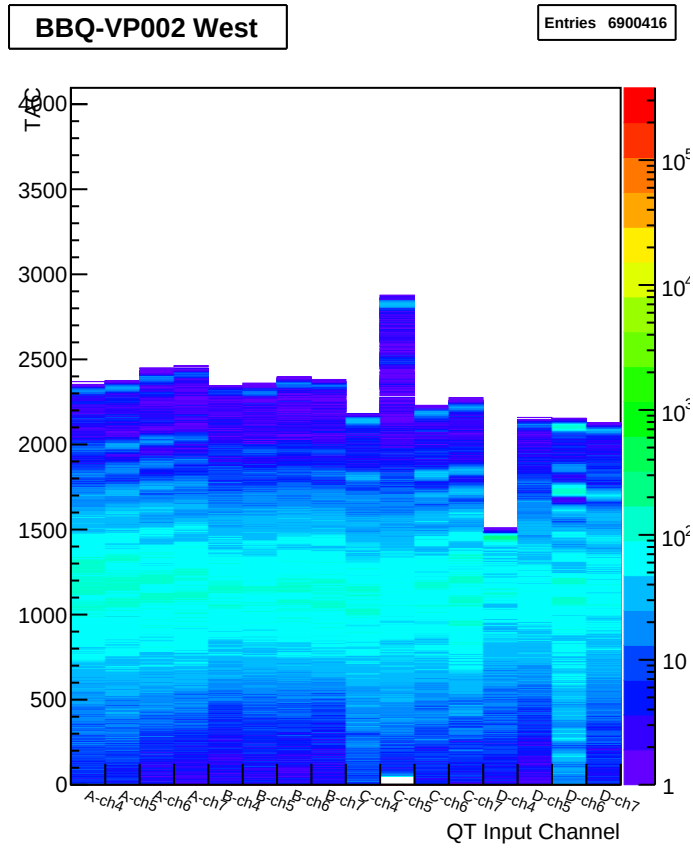

BBQ-ZD001 (ZDC TOWER)
Entries 6900416
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

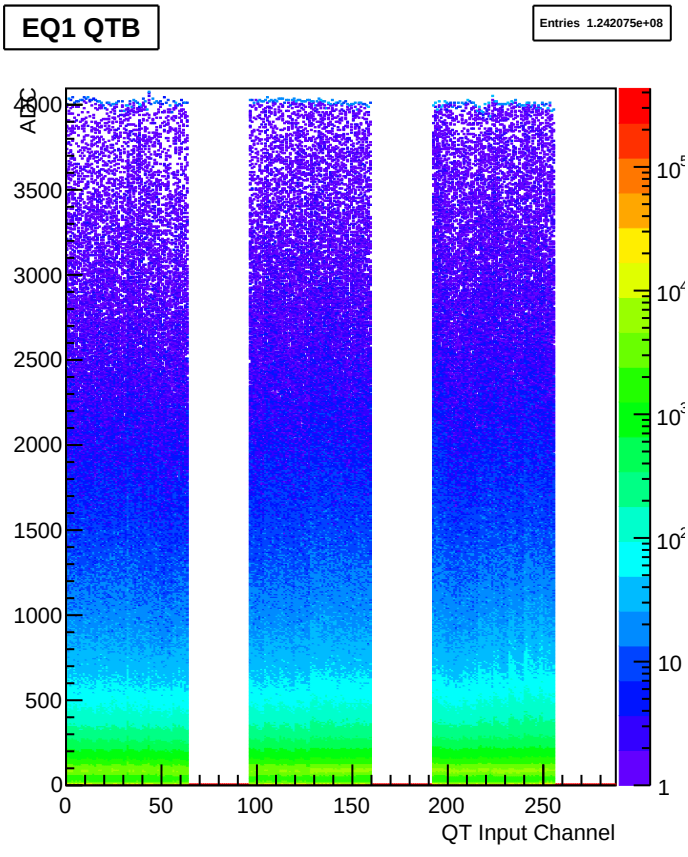

BBQ-ZD001 (ZDC TOWER)
Entries 6900416
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

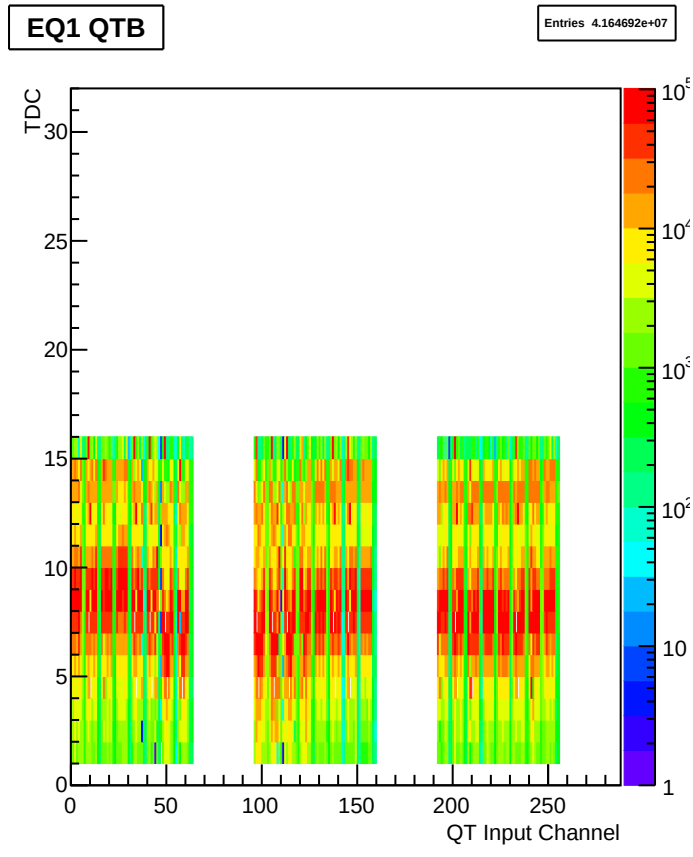

BBQ-VP001 East
Entries 6900416
ADC
QT Input Channel

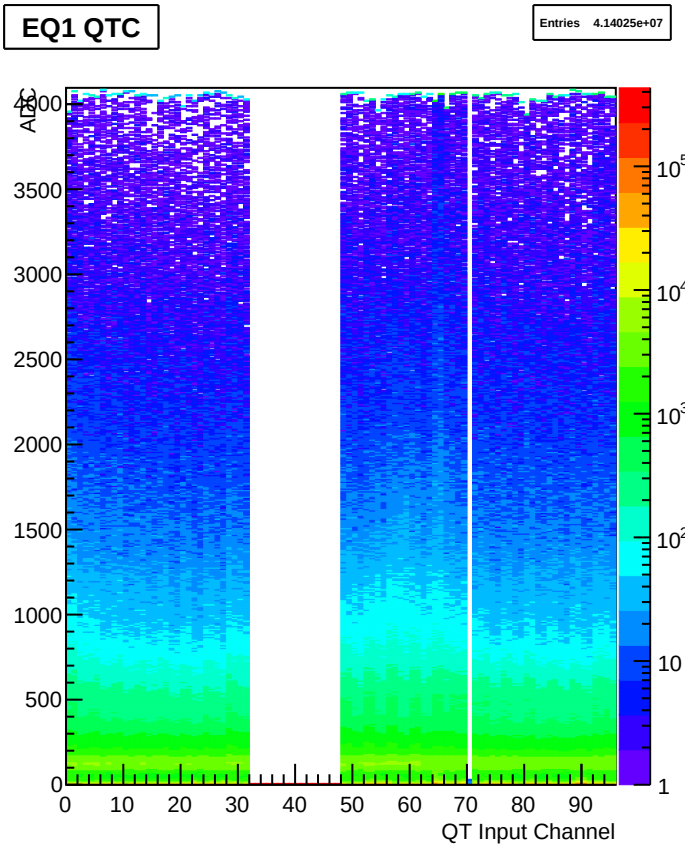

BBQ-VP001 East
Entries 6900416
TADC
QT Input Channel

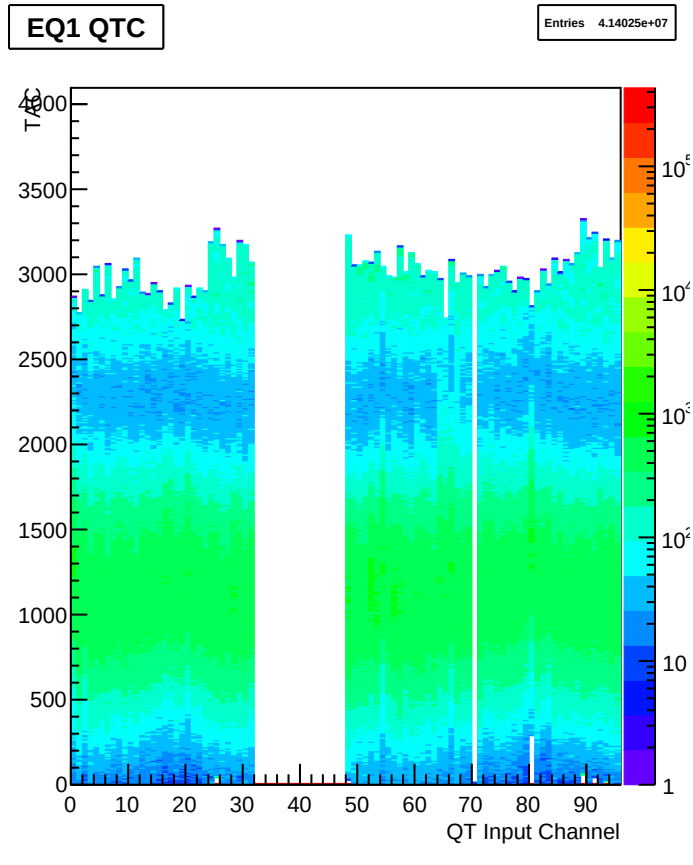

BBQ-VP002 West
Entries 6900416
ADC
QT Input Channel

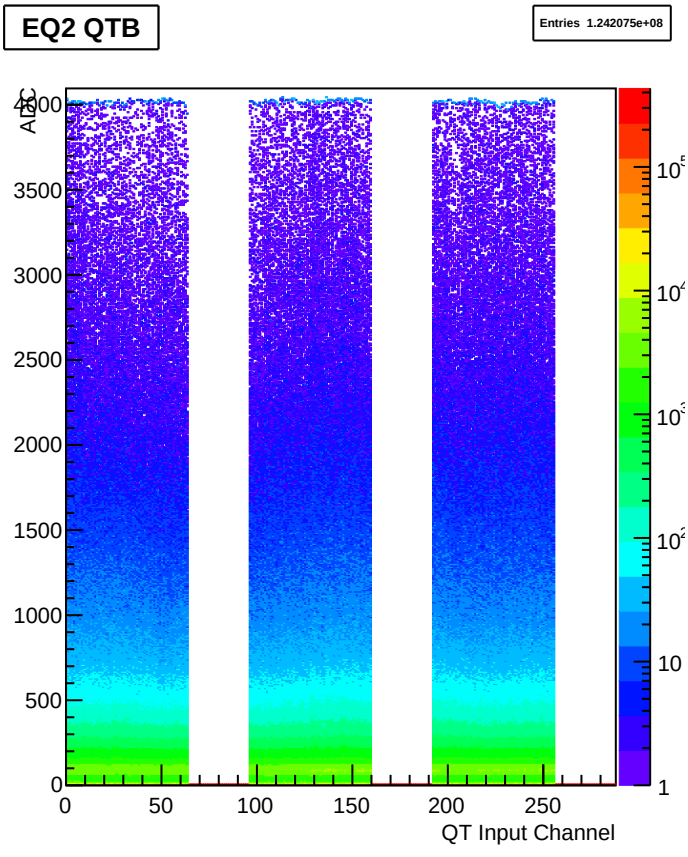

BBQ-VP002 West
Entries 6900416
TADC
QT Input Channel

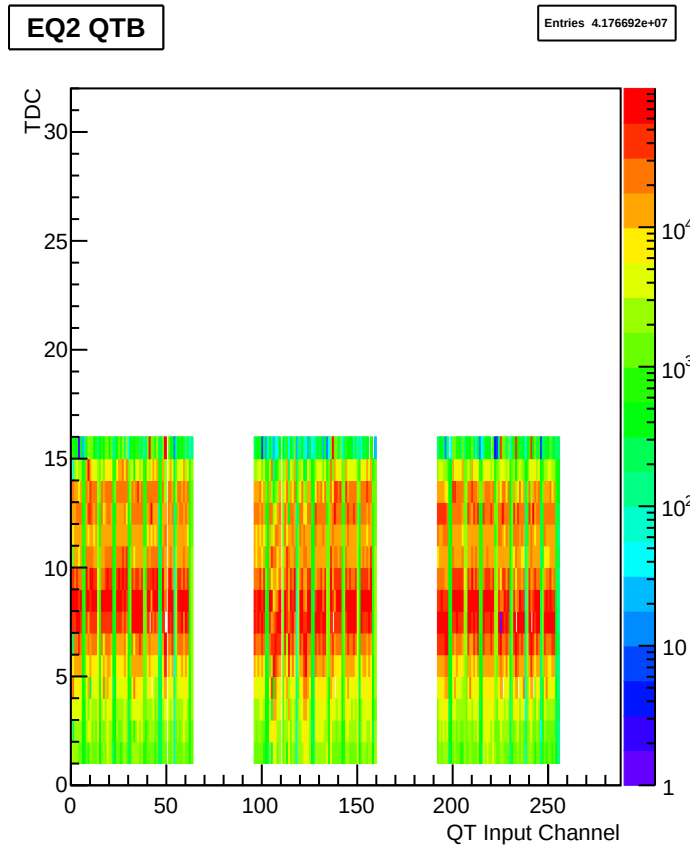

EQ1 QTB
Entries 1.242075e+08
ADC
QT Input Channel

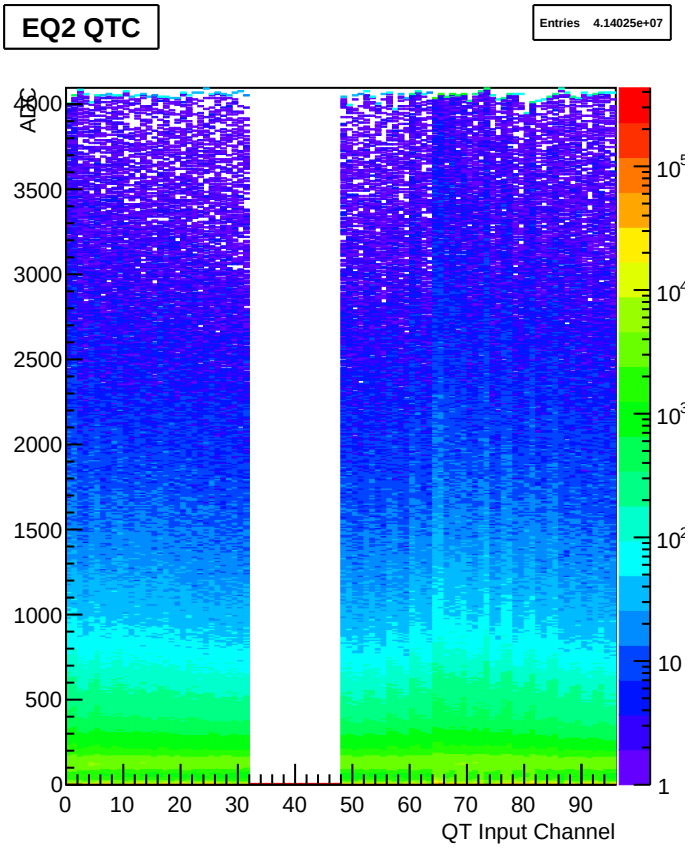

EQ1 QTB
Entries 4.164692e+07
TDC
QT Input Channel

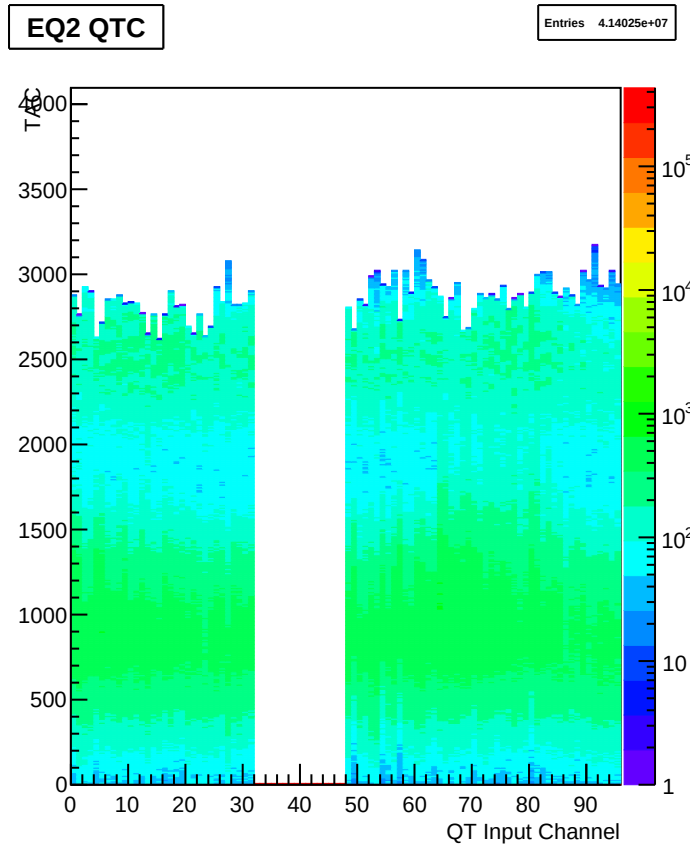

EQ1 QTC
Entries 4.14025e+07
ADC
QT Input Channel

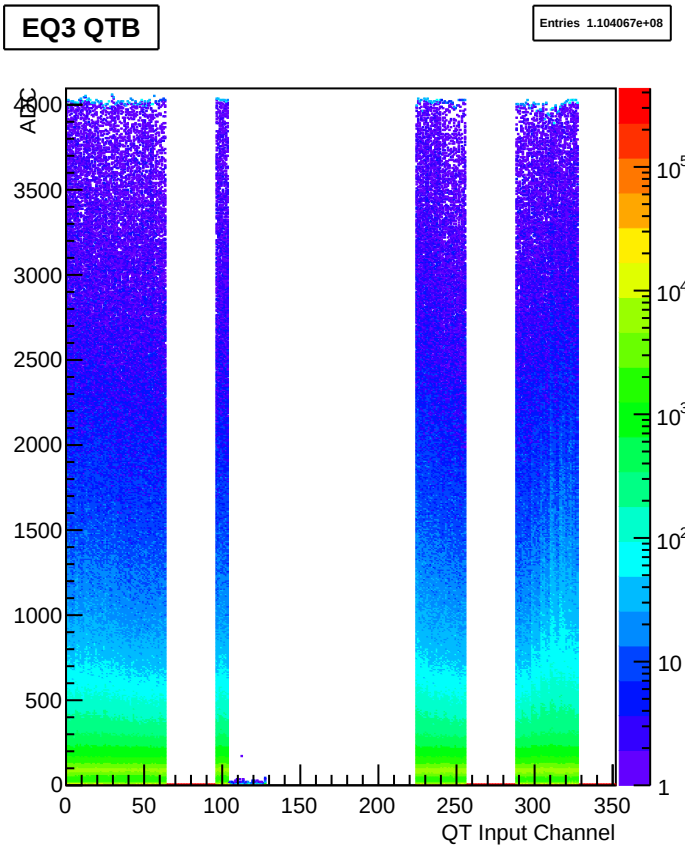

EQ1 QTC
Entries 4.14025e+07
TADC
QT Input Channel

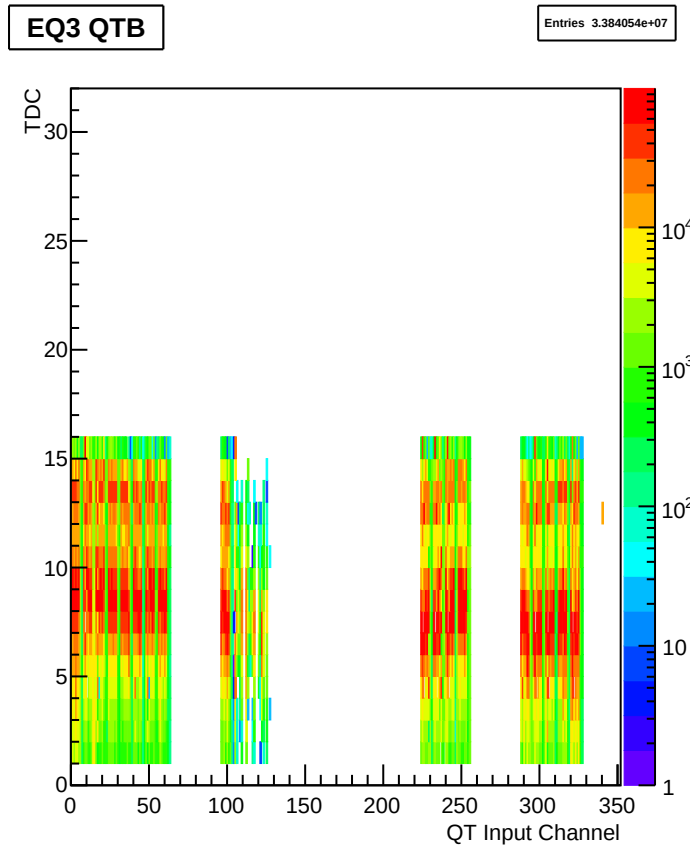

EQ2 QTB
Entries 1.242075e+08
ADC
QT Input Channel

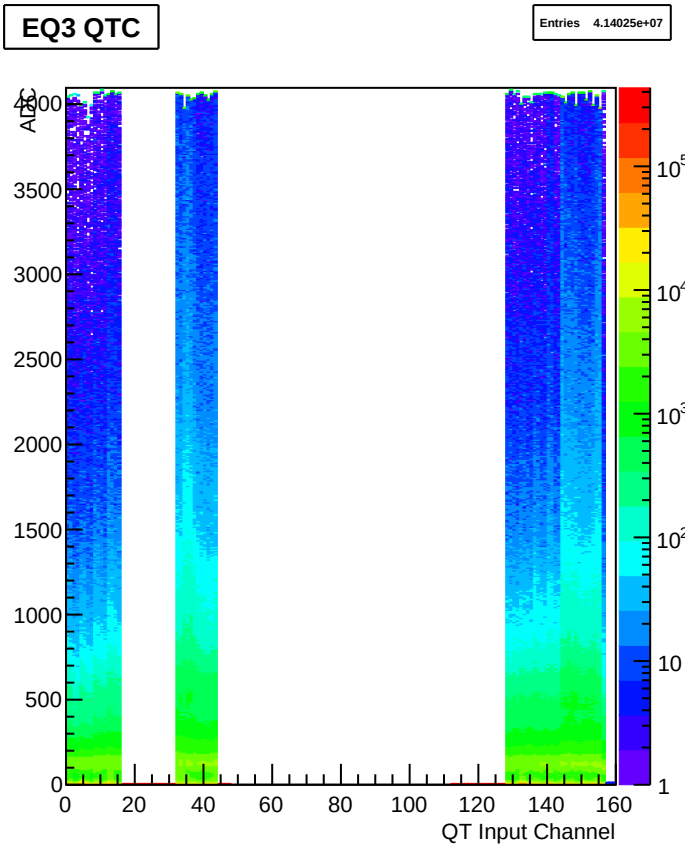

EQ2 QTB
Entries 4.176692e+07
TDC
QT Input Channel

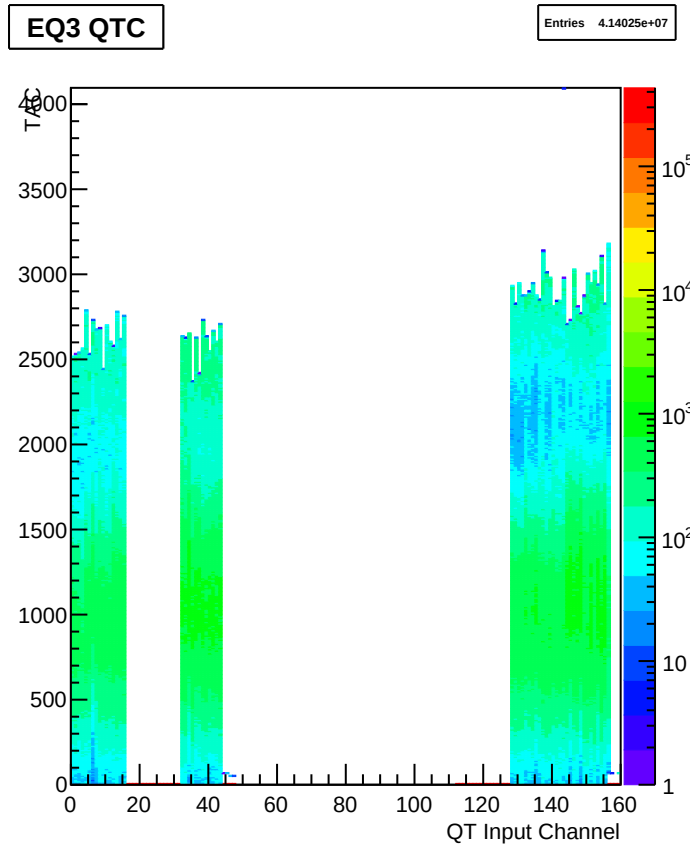

EQ2 QTC
Entries 4.14025e+07
ADC
QT Input Channel

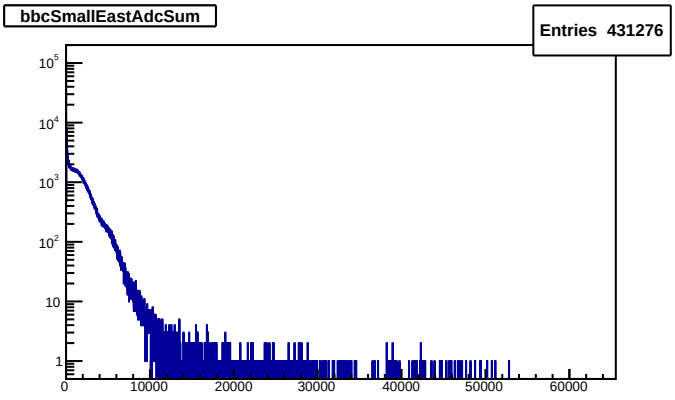

EQ2 QTC
Entries 4.14025e+07
TADC
QT Input Channel

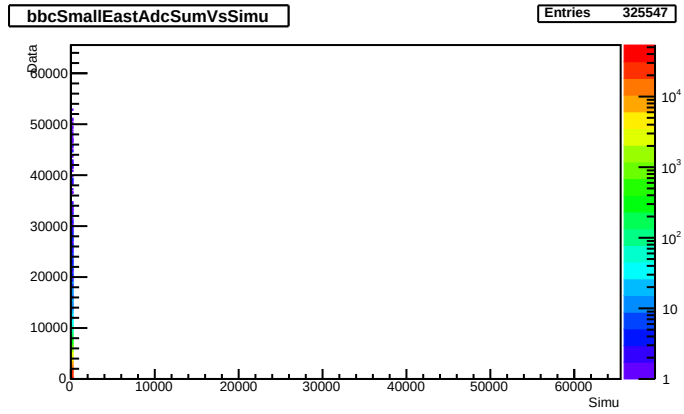

EQ3 QTB
Entries 1.104067e+08
ADC
QT Input Channel

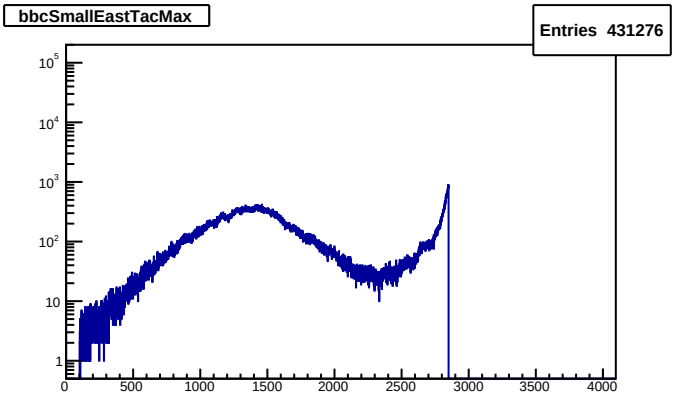

EQ3 QTB
Entries 3.384054e+07
TDC
QT Input Channel

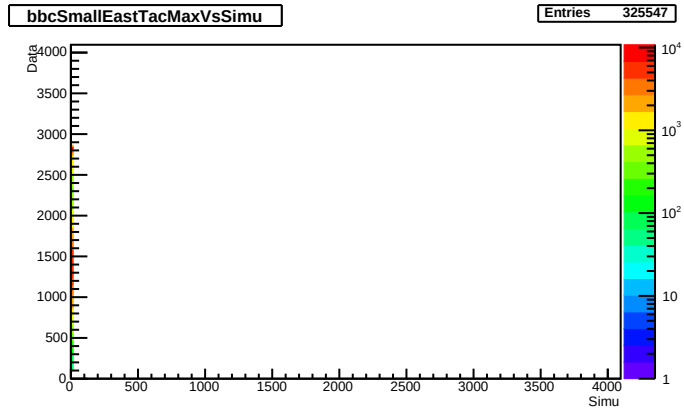

EQ3 QTC
Entries 4.14025e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.14025e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 431276


bbcSmallEastAdcSumVsSimu
Entries 325547
Data
Simu


bbcSmallEastTacMax
Entries 431276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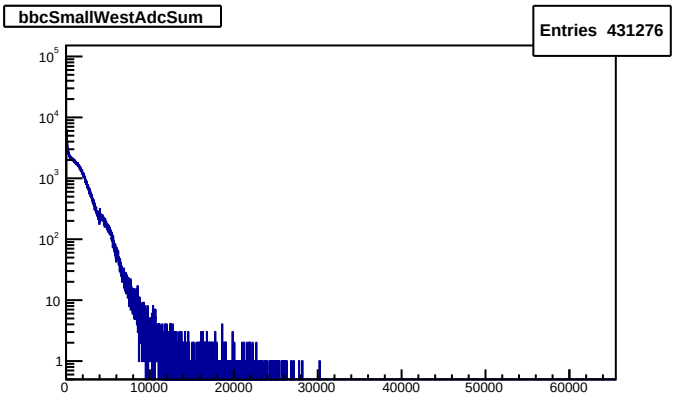
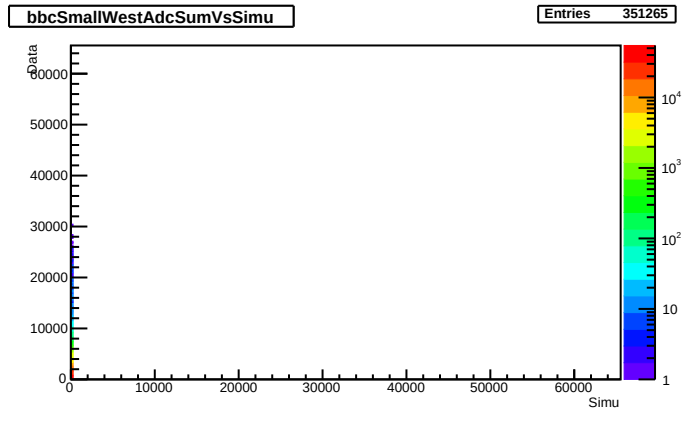
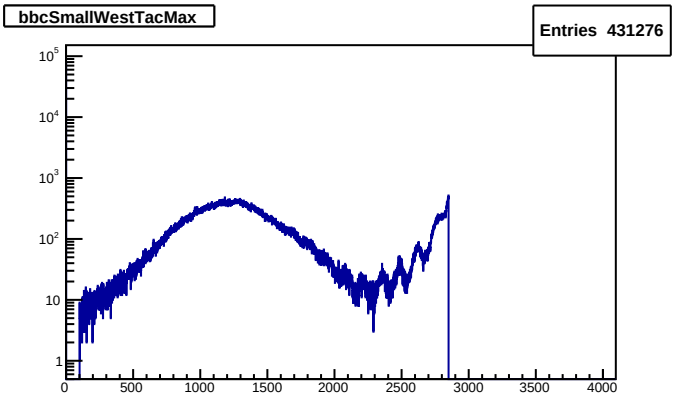
Entries 325547
Data
Simu


bbcSmallWestAdcSum
Entries 431276


bbcSmallWestAdcSumVsSimu
Entries 351265
Data
Simu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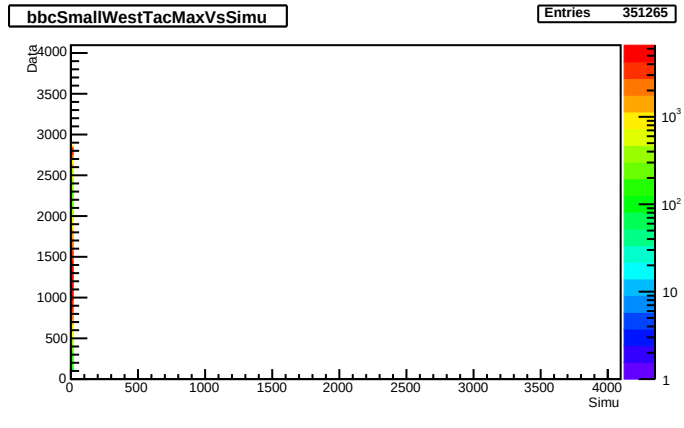
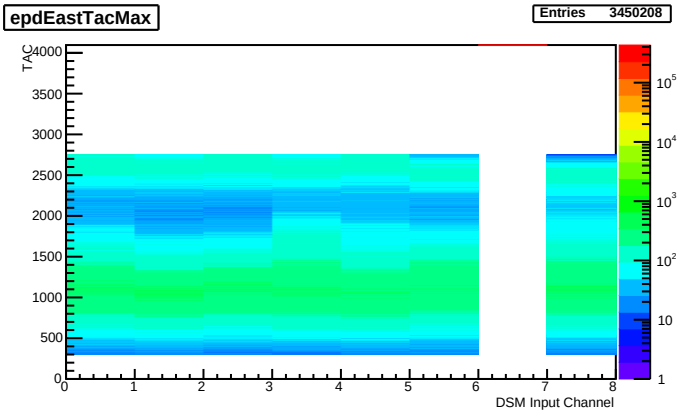
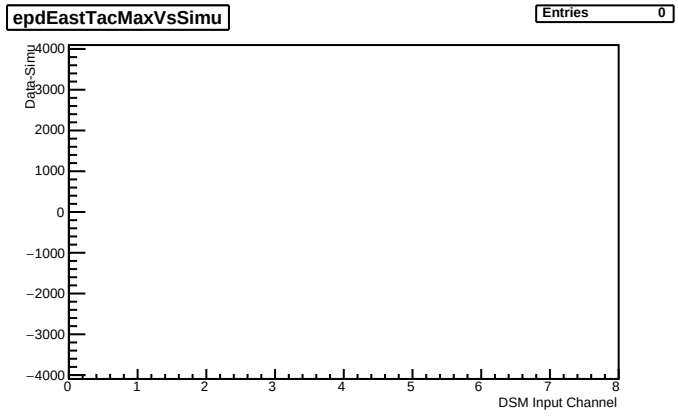
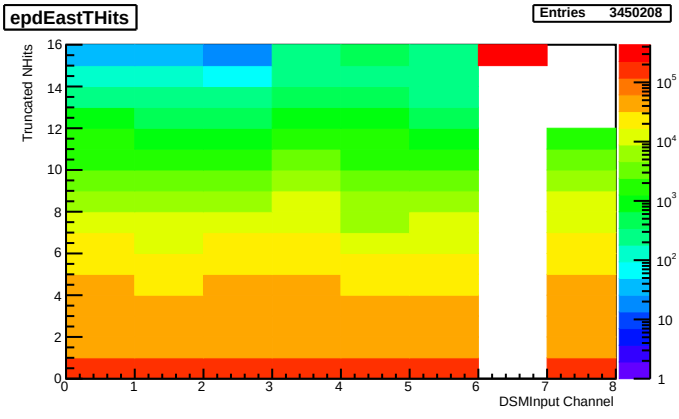
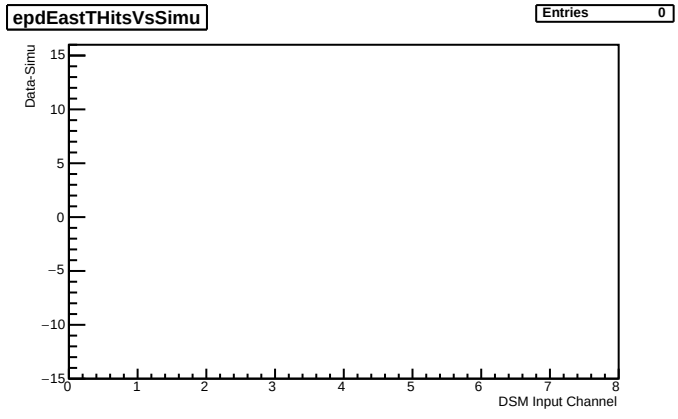
Entries 431276


bbcSmallWestTacMaxVsSimu
Entries 351265
Data
Simu


epdEastTacMax
Entries 3450208
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3450208
Truncated NHits
DSMInput Channel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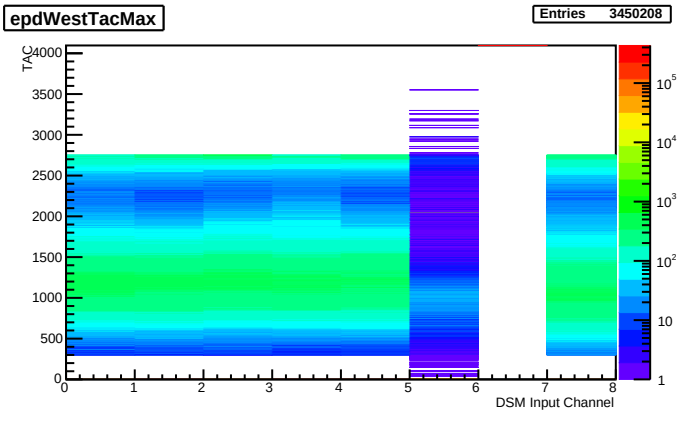
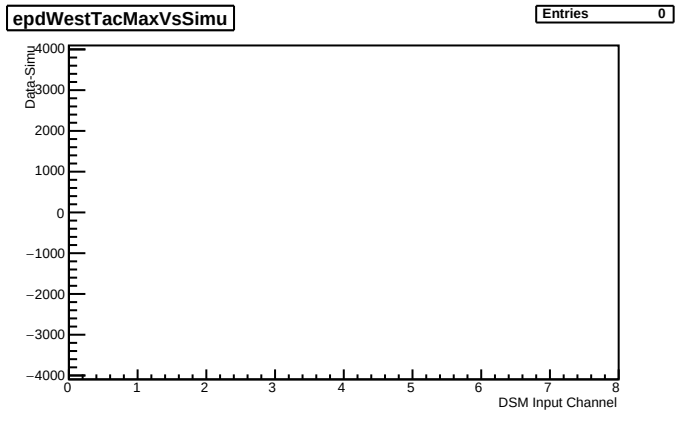
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3450208
TAC
DSM Input Channel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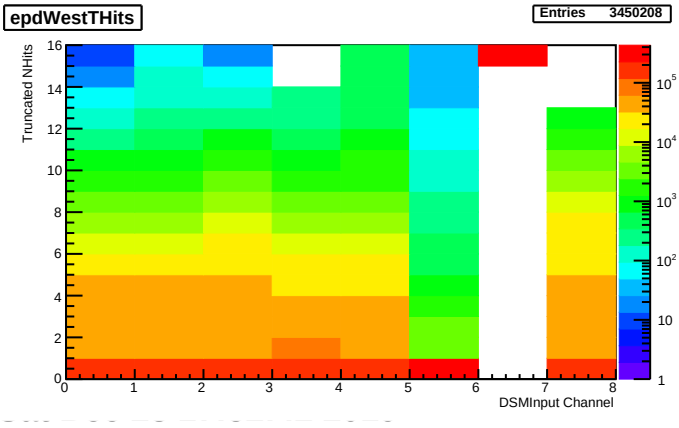
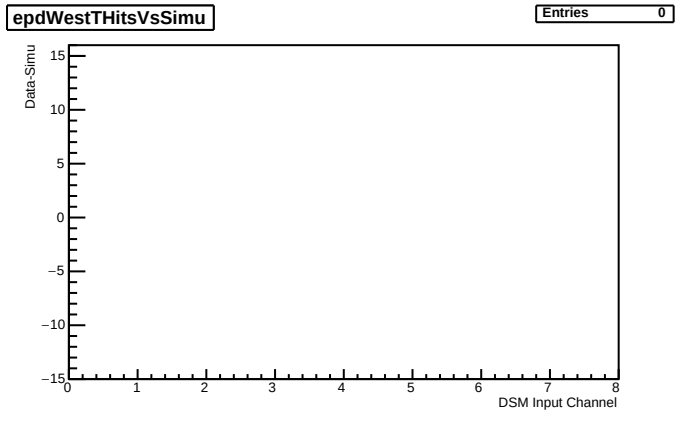
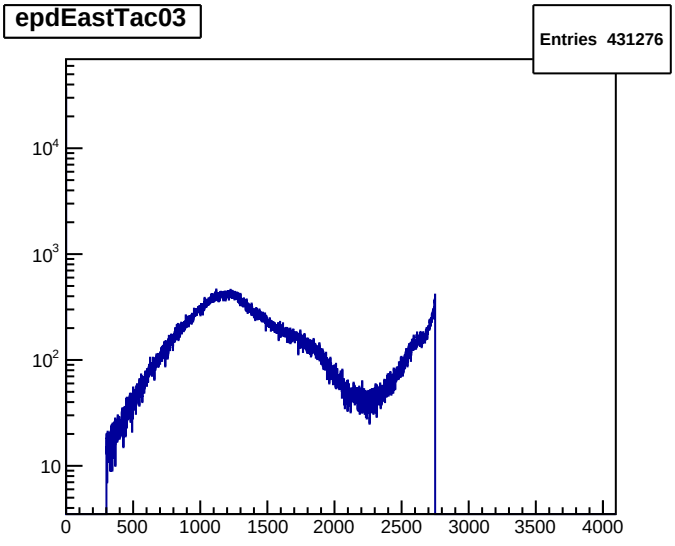
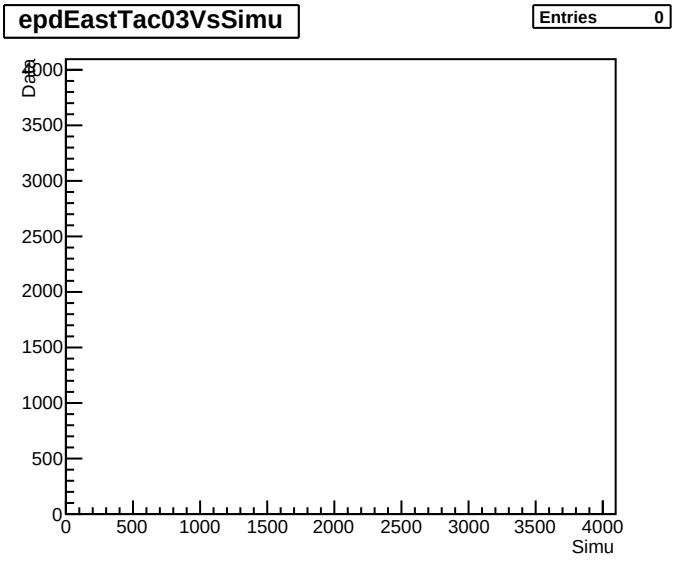
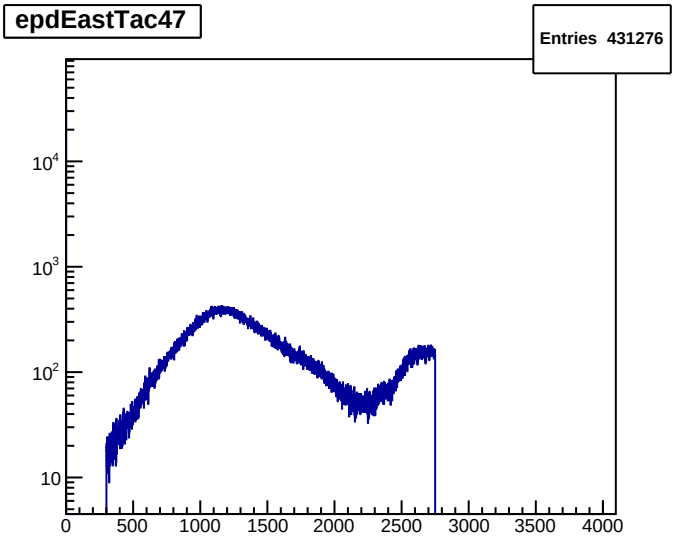
Entries 0
Data-Simu
DSM Input Channel

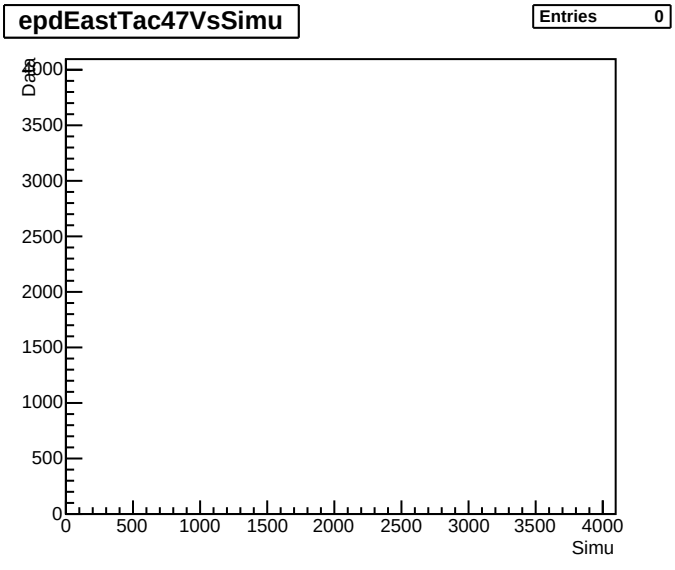

epdWestTHits
Entries 3450208
Truncated NHits
DSMInput Channel

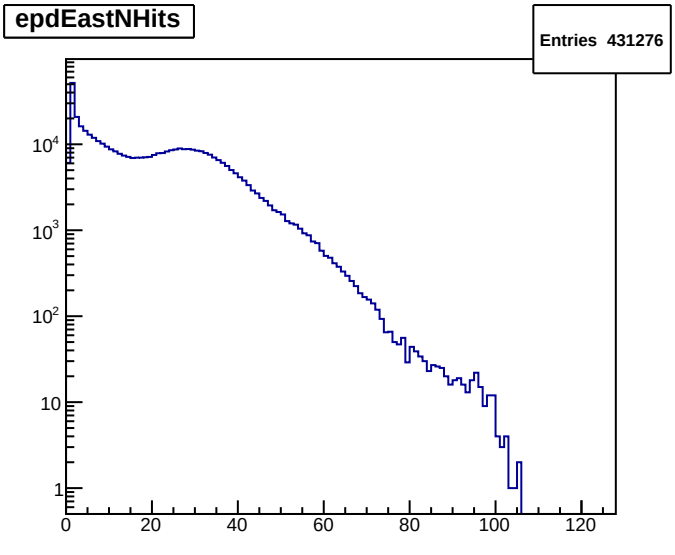

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

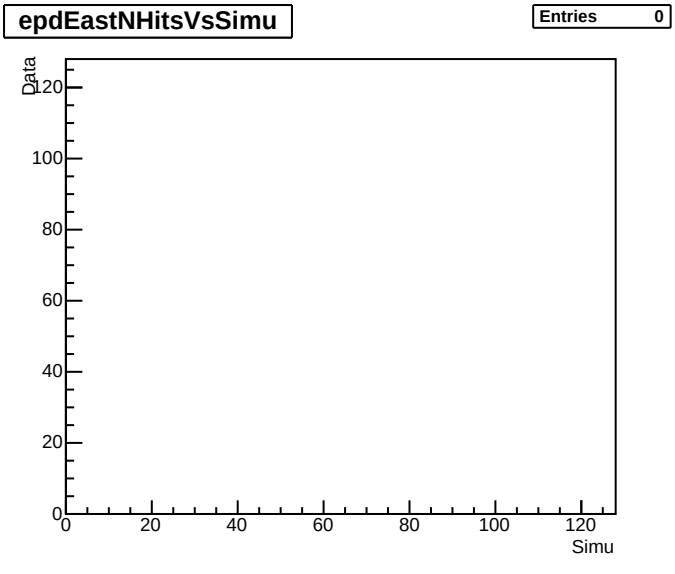

epdEastTac03
Entries 431276


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 431276


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 431276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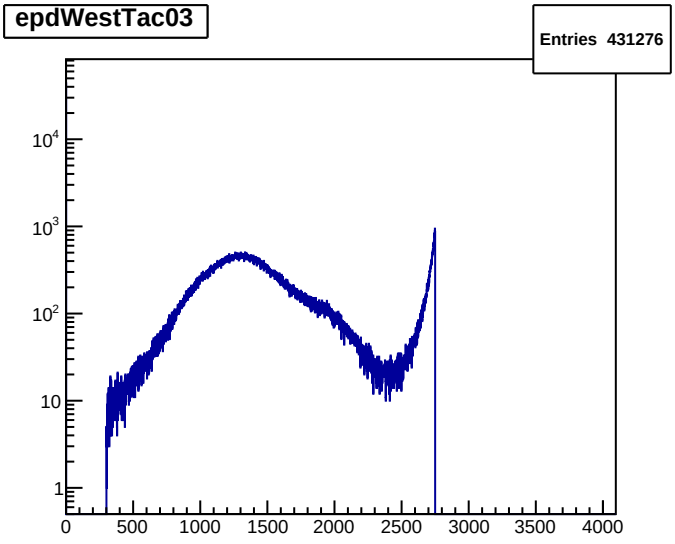
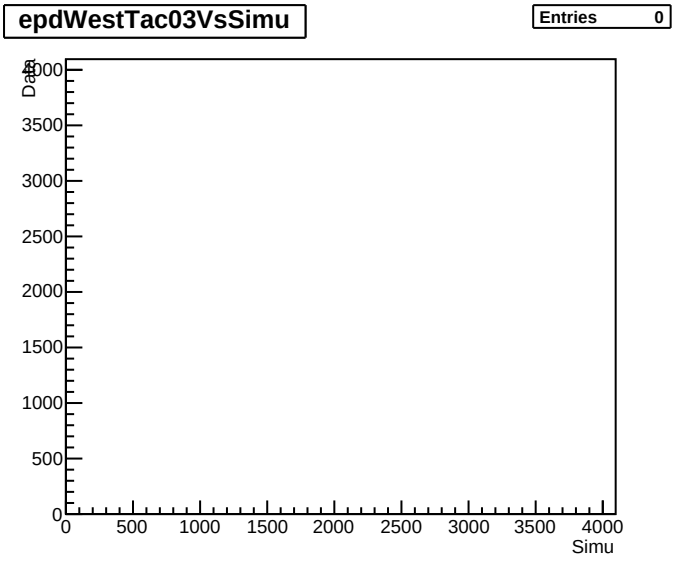
Entries 0
Data
Simu


epdWestTac03
Entries 431276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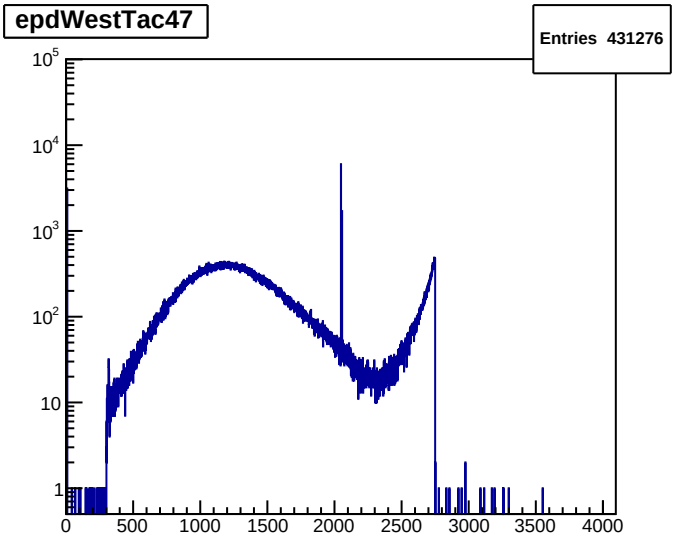
Entries 0
Data
Simu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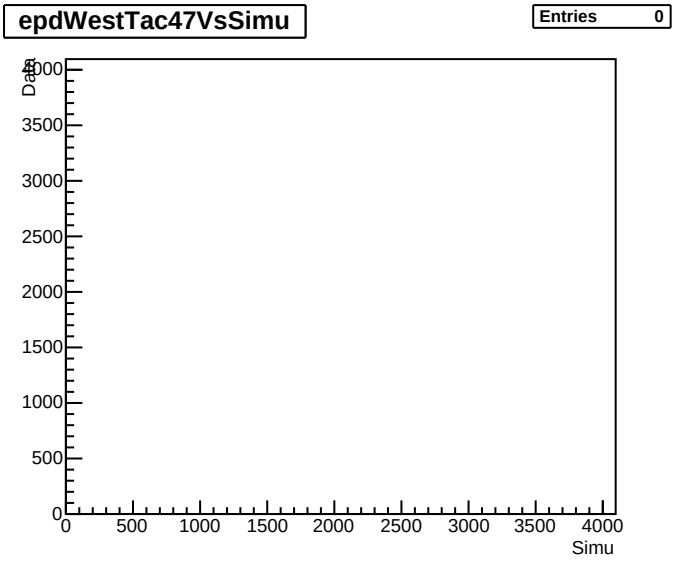
Entries 431276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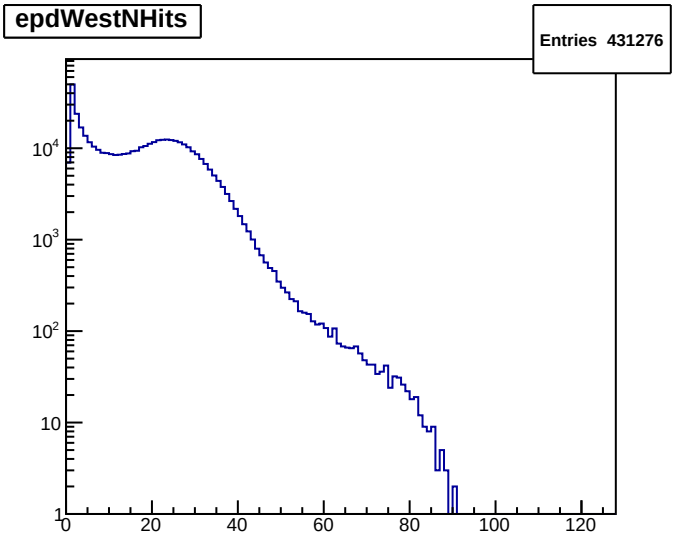
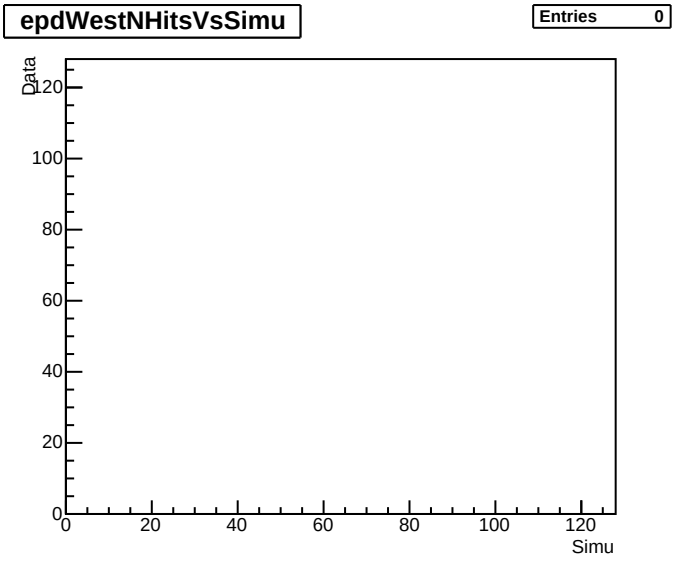
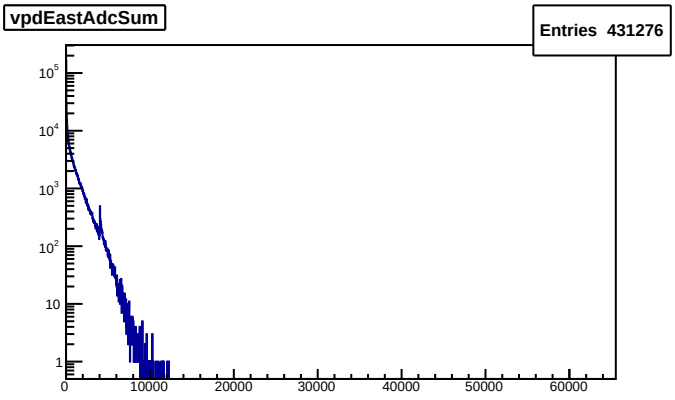
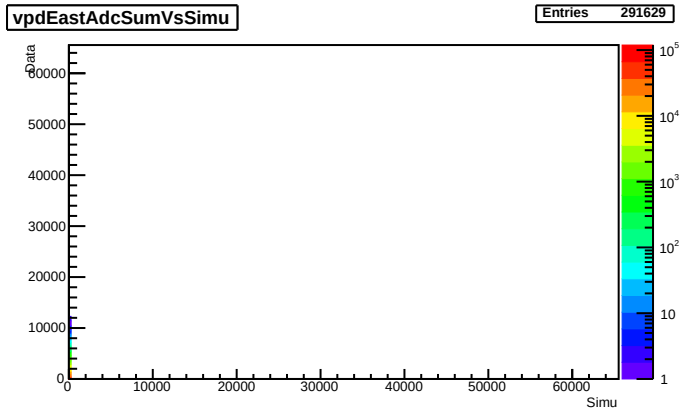
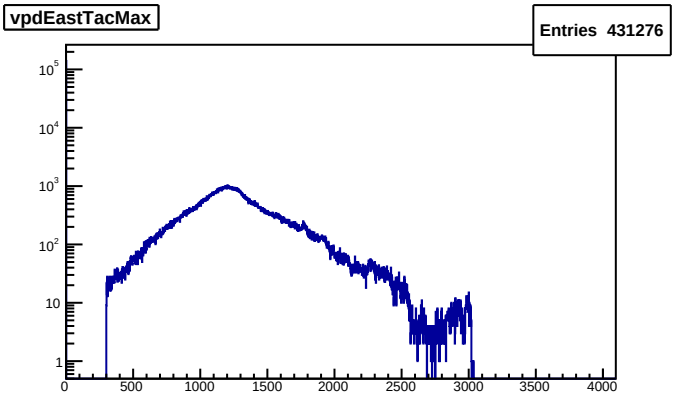
Entries 0
Data
Simu

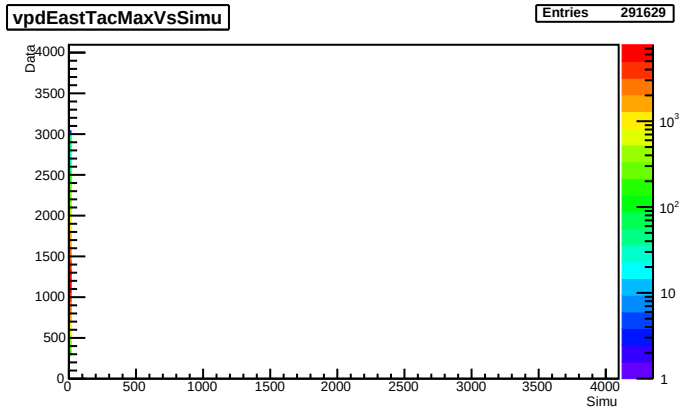

epdWestNHits
Entries 431276

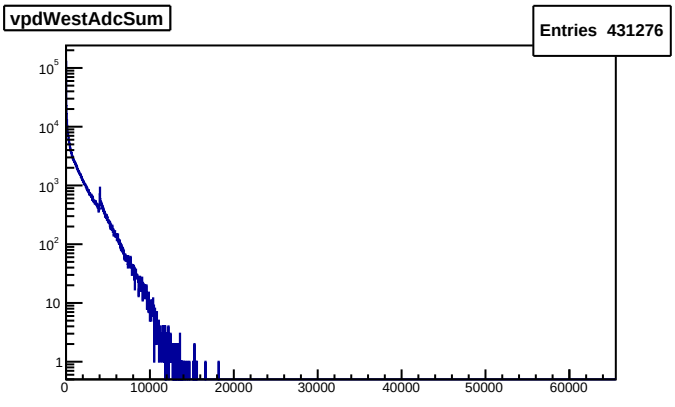

epdWestNHitsVsSimu
Entries 0
Data
Simu

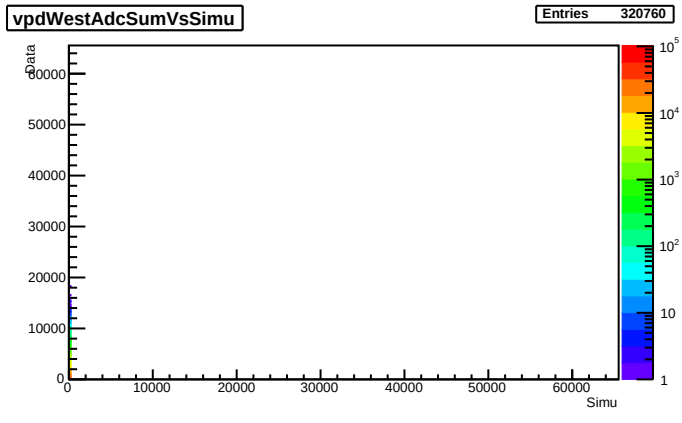

vpdEastAdcSum
Entries 431276

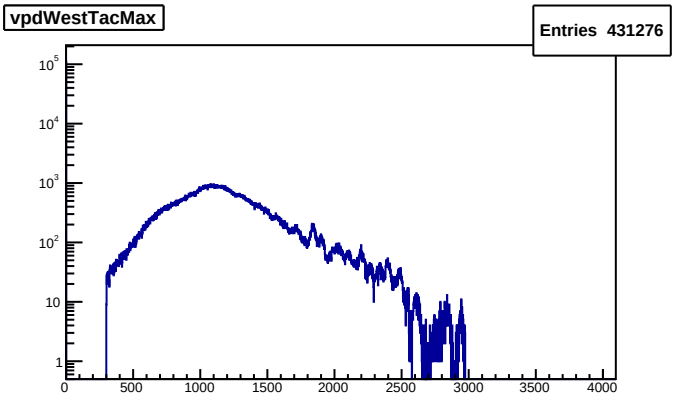

vpdEastAdcSumVsSimu
Entries 291629
Data
Simu

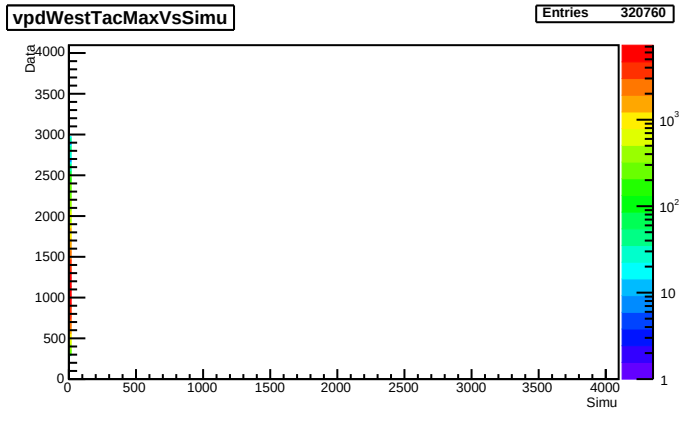

vpdEastTacMax
Entries 431276

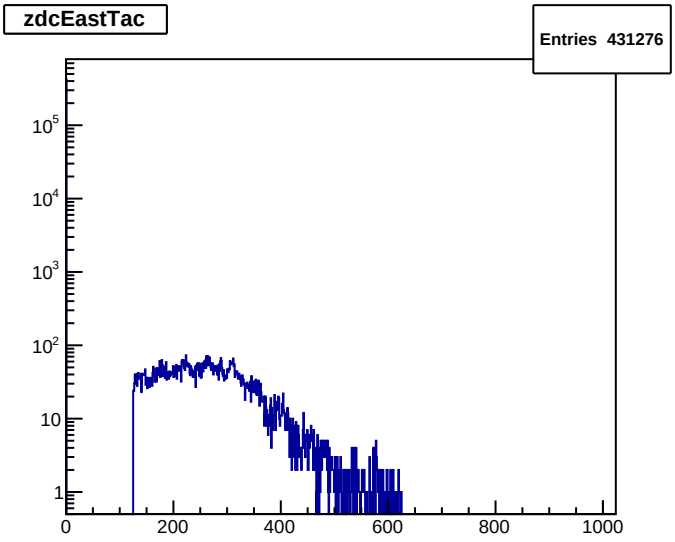

vpdEastTacMaxVsSimu
Entries 291629
Data
Simu

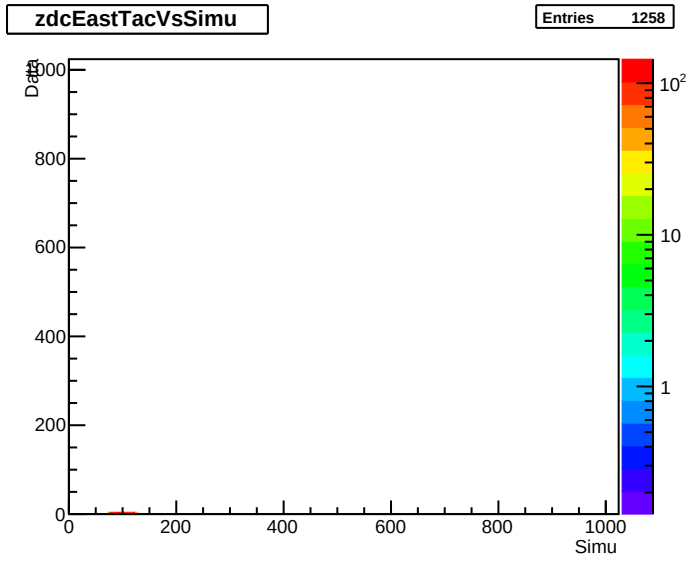

vpdWestAdcSum
Entries 431276

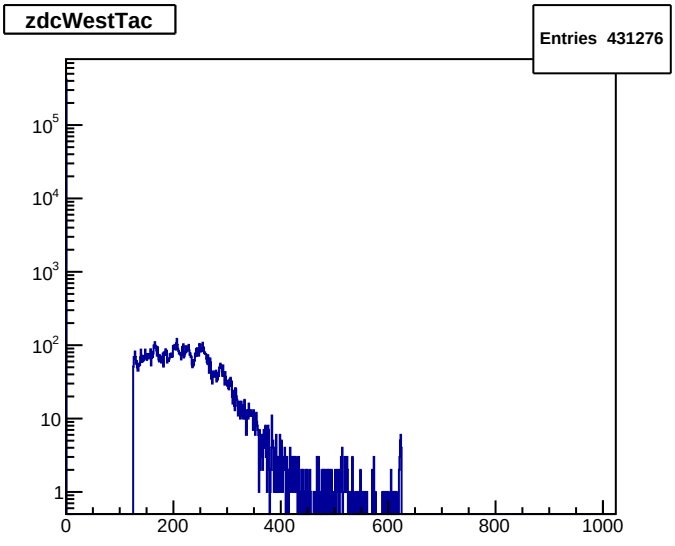

vpdWestAdcSumVsSimu
Entries 320760
Data
Simu

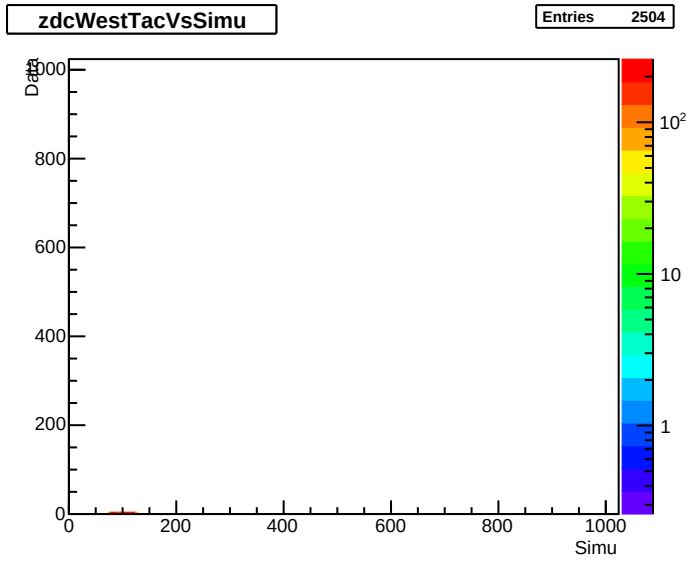

vpdWestTacMax
Entries 431276

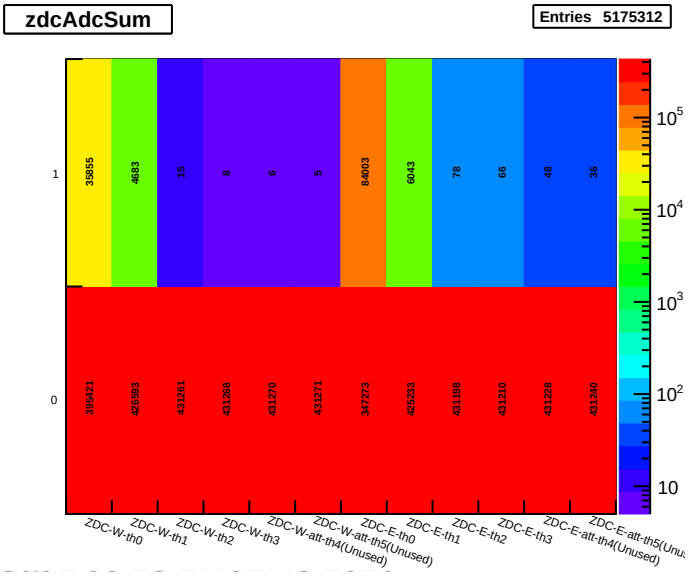

vpdWestTacMaxVsSimu
Entries 320760
Data
Simu

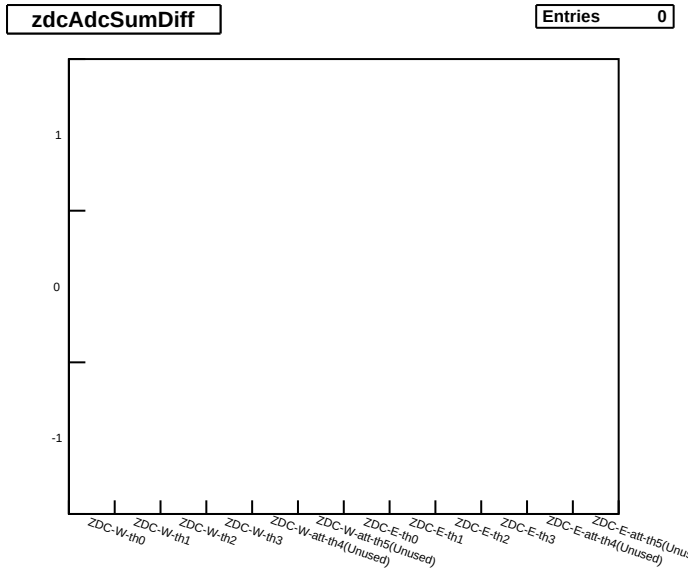

zdcEastTac
Entries 431276

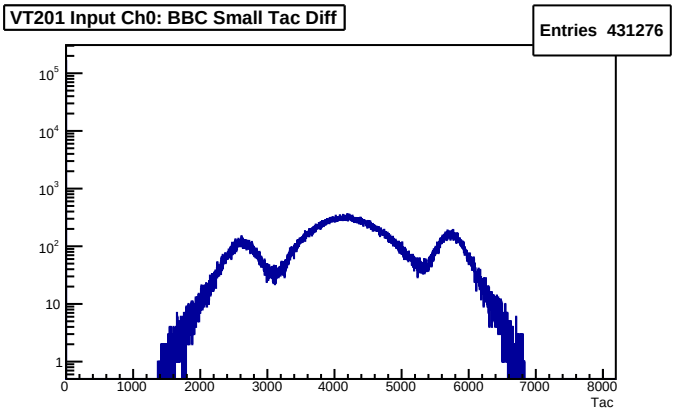

zdcEastTacVsSimu
Entries 1258
Data
Simu

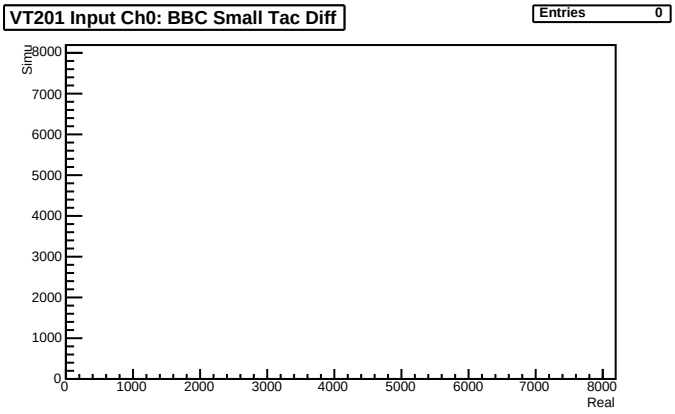

zdcWestTac
Entries 431276

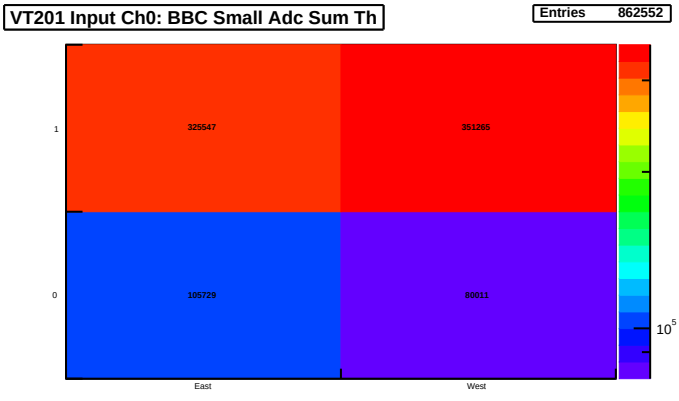

zdcWestTacVsSimu
Entries 2504
Data
Simu

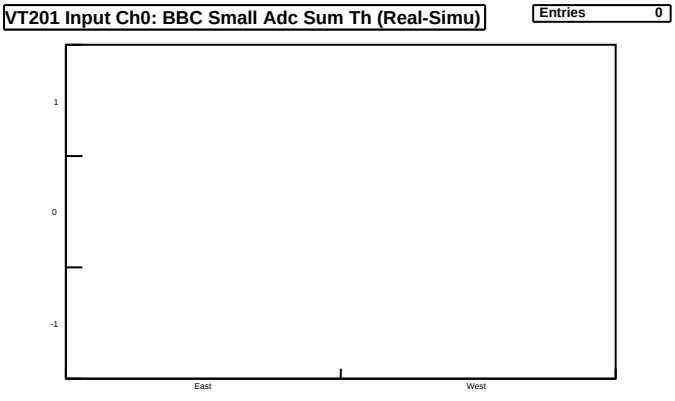

zdcAdcSum
Entries 5175312
35855
4683
15
8
6
5
84003
6043
78
66
48
36
395421
426593
431261
431268
431270
431271
347273
425233
431198
431210
431228
431240
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

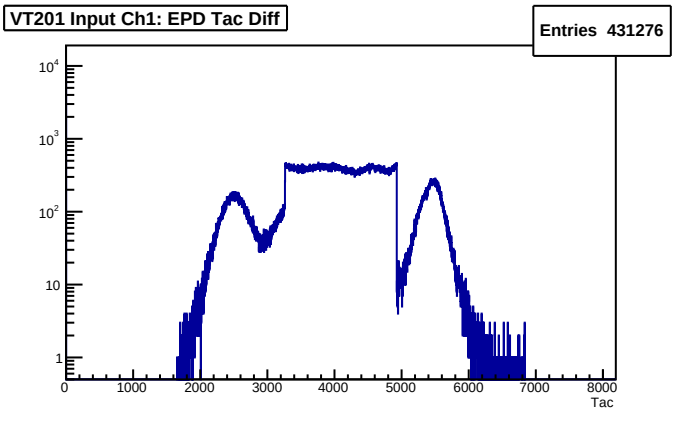

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

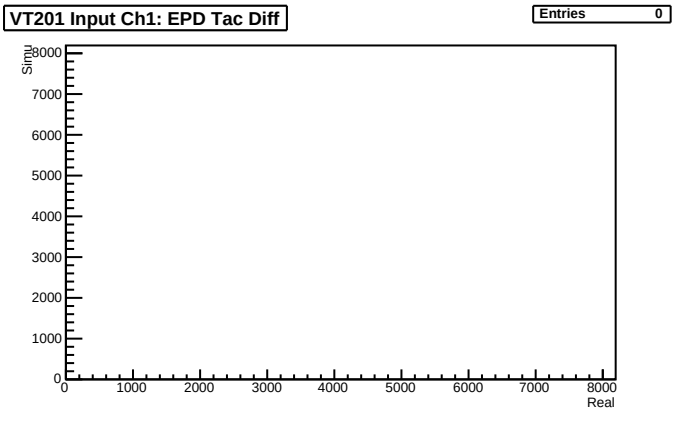

VT201 Input Ch0: BBC Small Tac Diff
Entries 431276
Tac

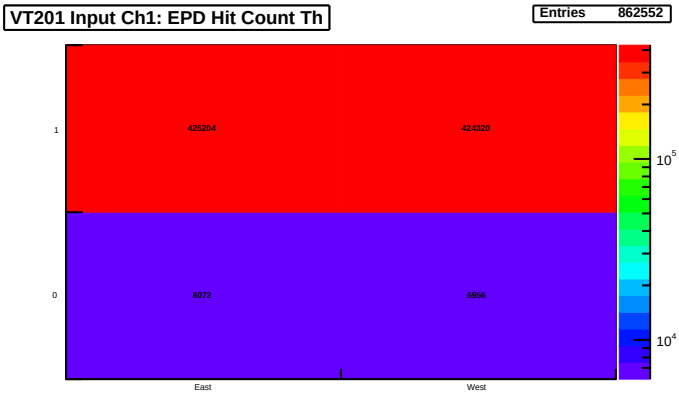

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

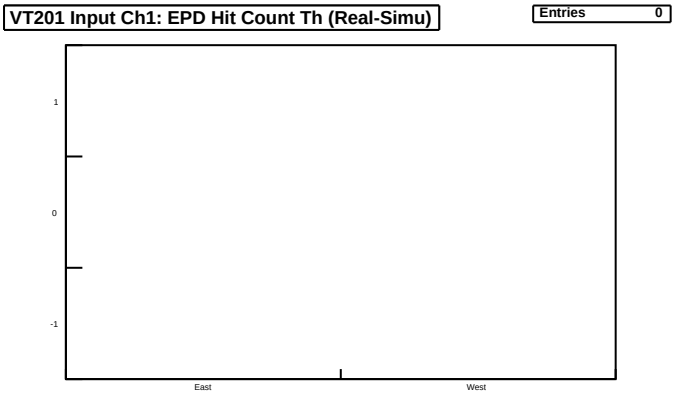

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 862552
325547
351265
105729
80011
East
West

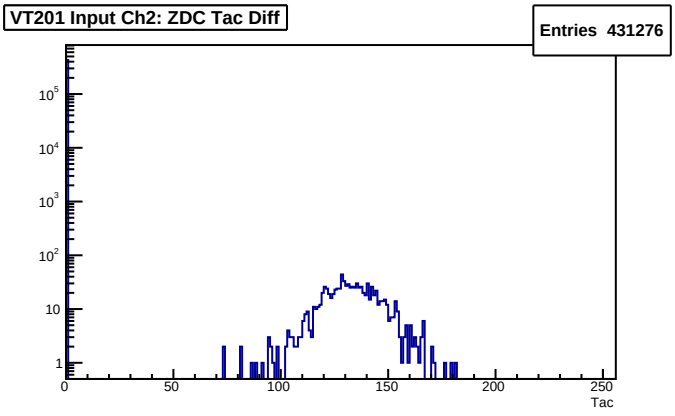

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

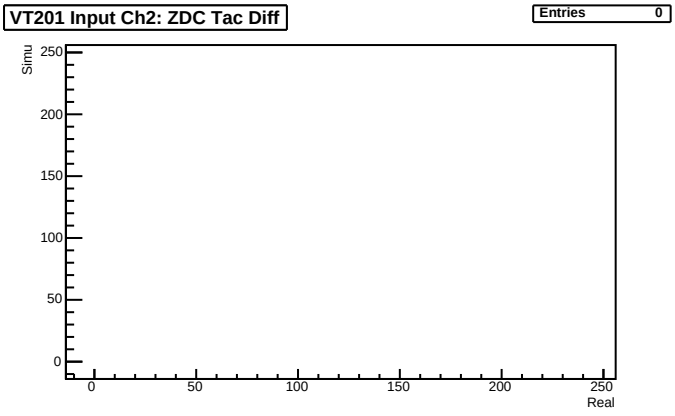

VT201 Input Ch1: EPD Tac Diff
Entries 431276
Tac

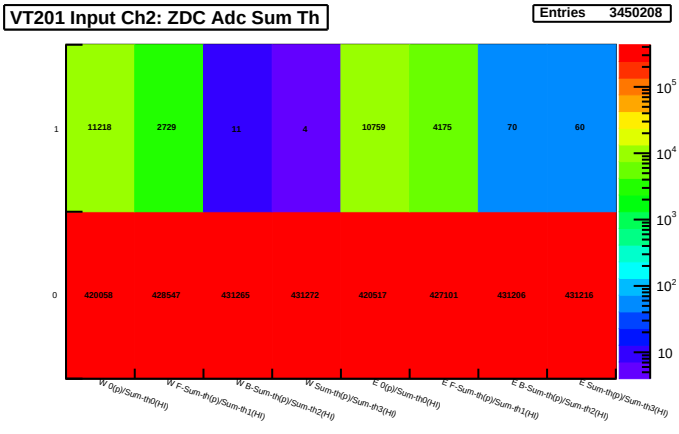

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

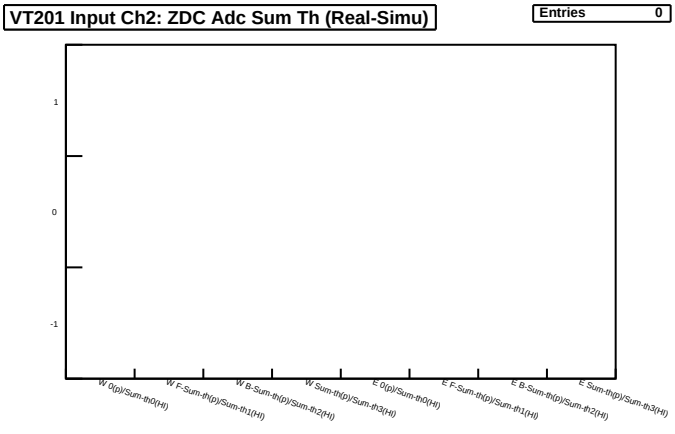

VT201 Input Ch1: EPD Hit Count Th
Entries 862552
425204
424320
6072
6956
East
West

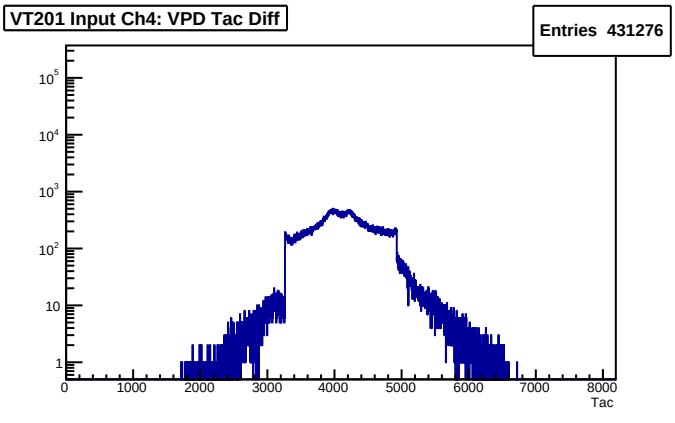

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

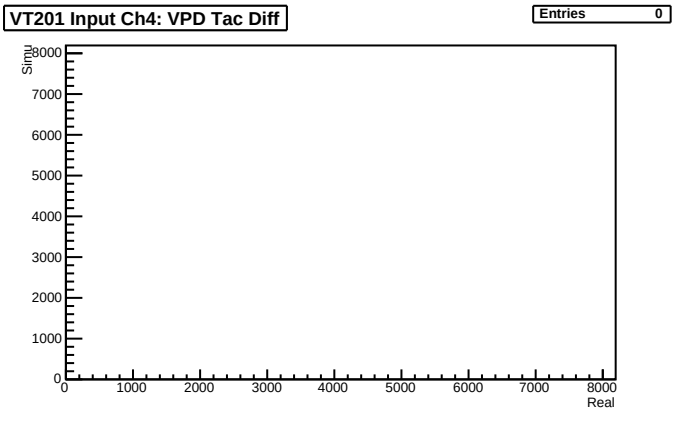

VT201 Input Ch2: ZDC Tac Diff
Entries 431276
Tac

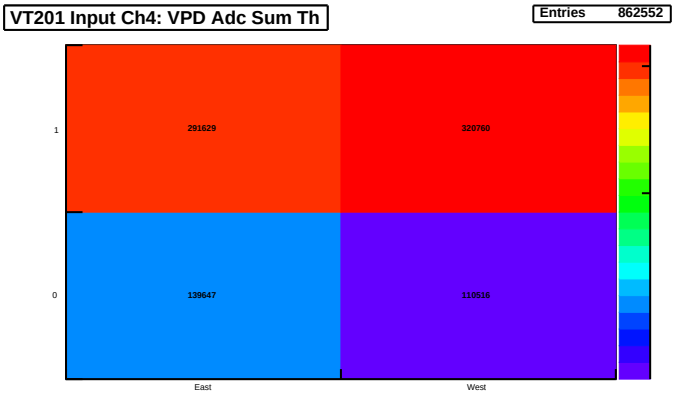

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

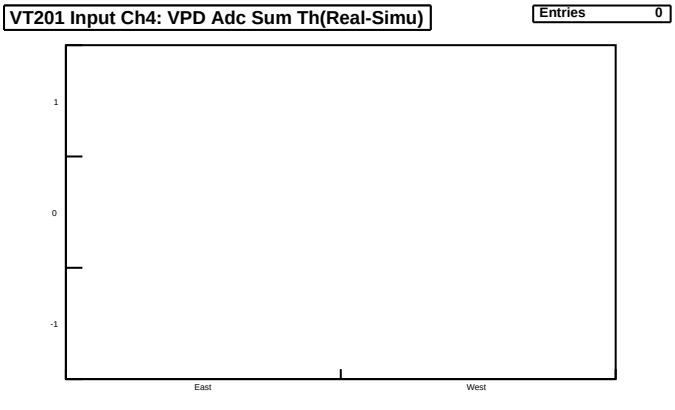

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3450208
11218
2729
11
4
10759
4175
70
60
420058
428547
431265
431272
420517
427101
431206
431216
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

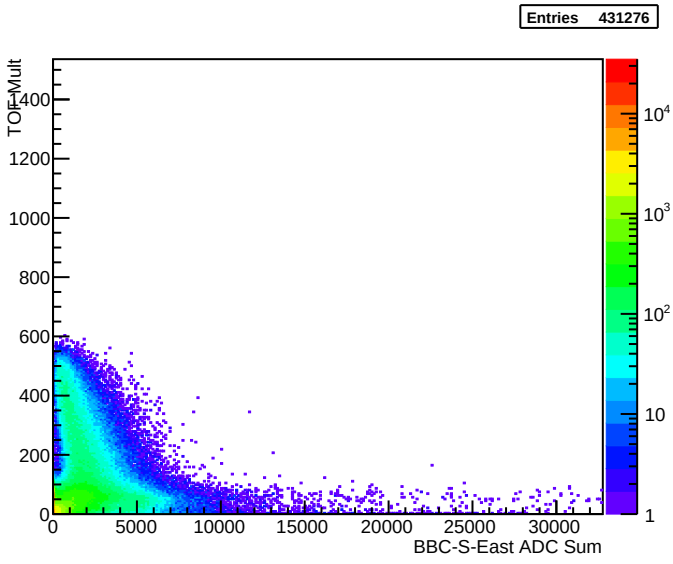

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

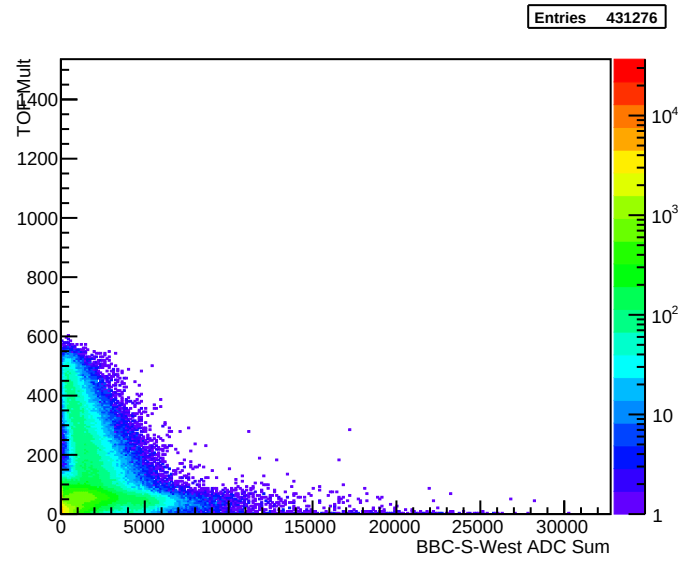

VT201 Input Ch4: VPD Tac Diff
Entries 431276
Tac

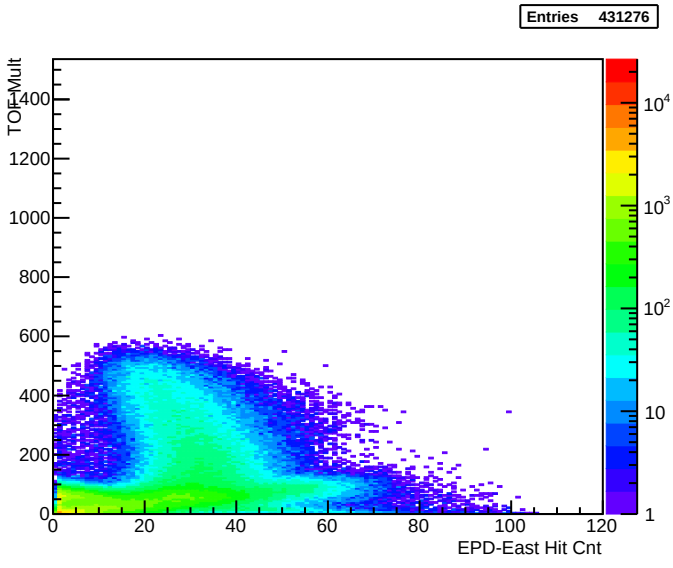

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

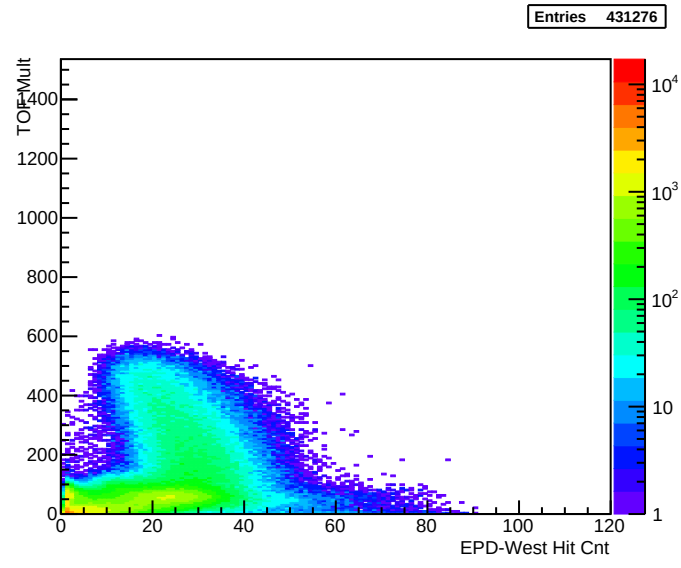

VT201 Input Ch4: VPD Adc Sum Th
Entries 862552
291629
320760
139647
110516
East
West

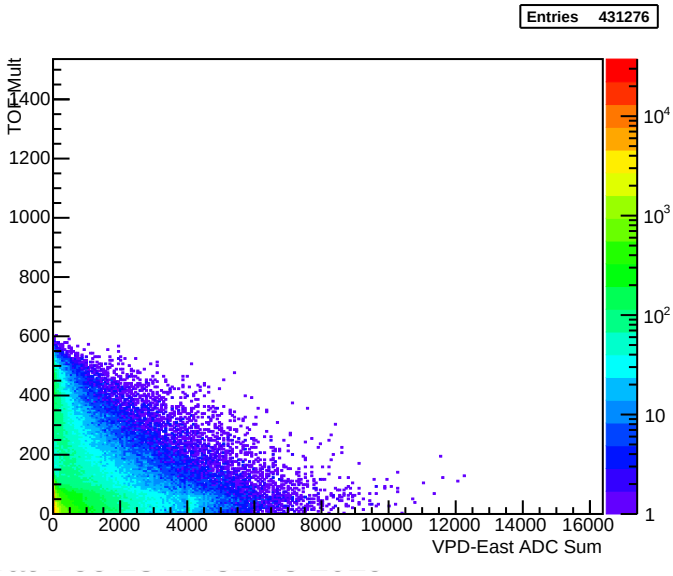

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

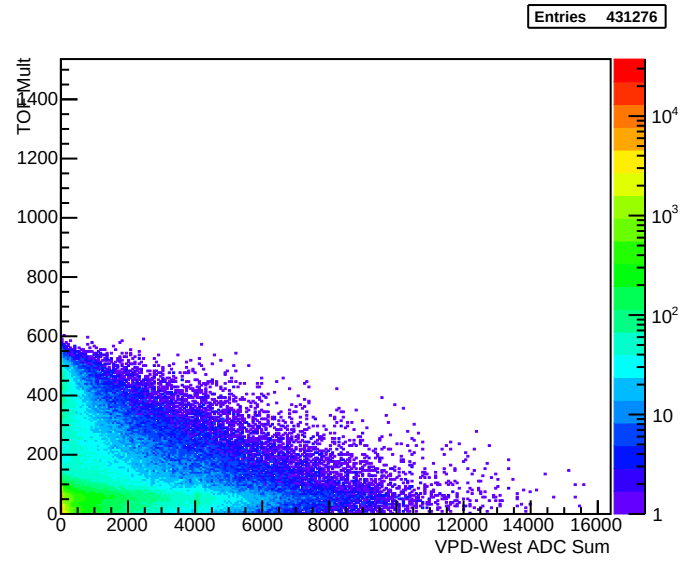

Entries 431276
TOF-Mult
BBC-S-East ADC Sum

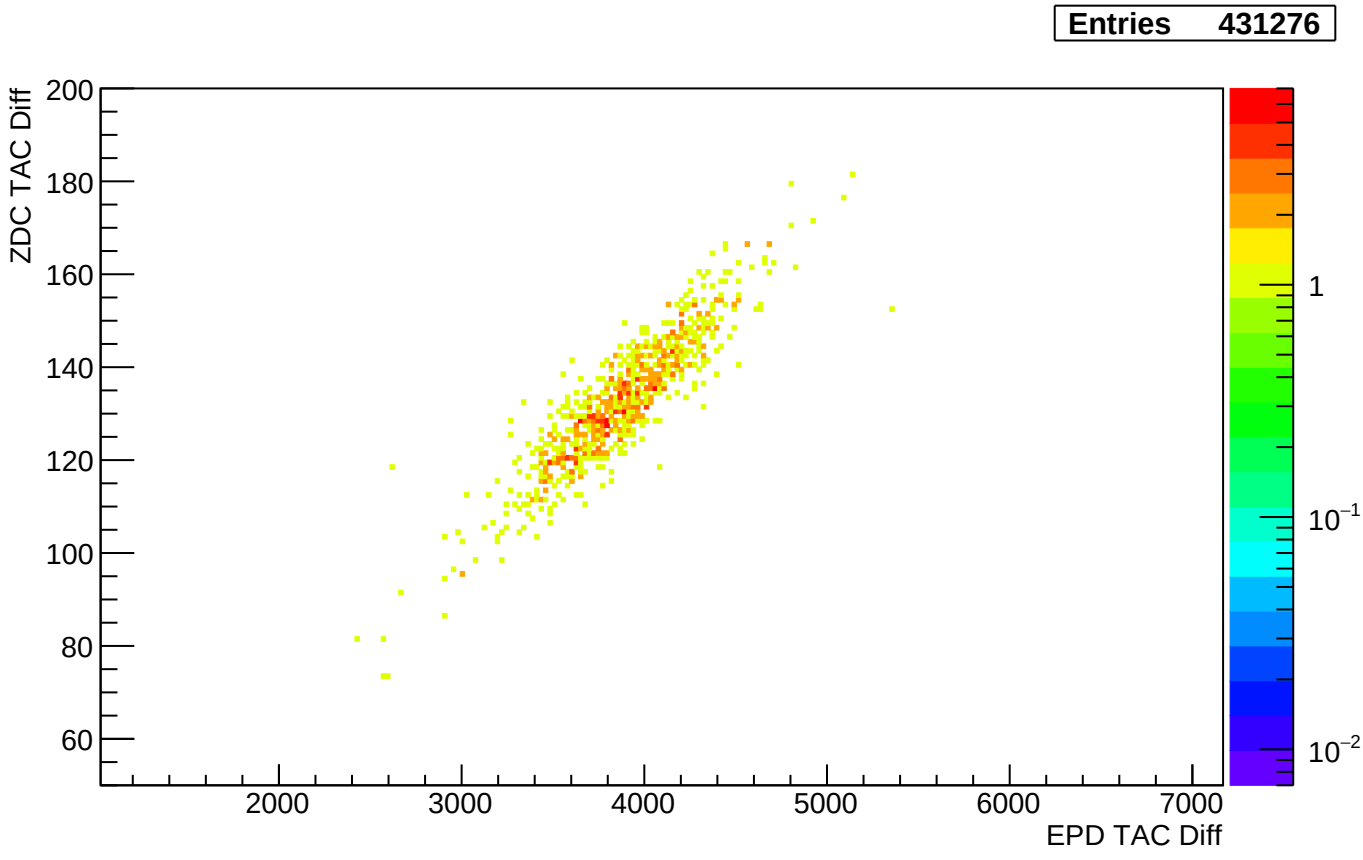

Entries 431276
TOF-Mult
BBC-S-West ADC Sum

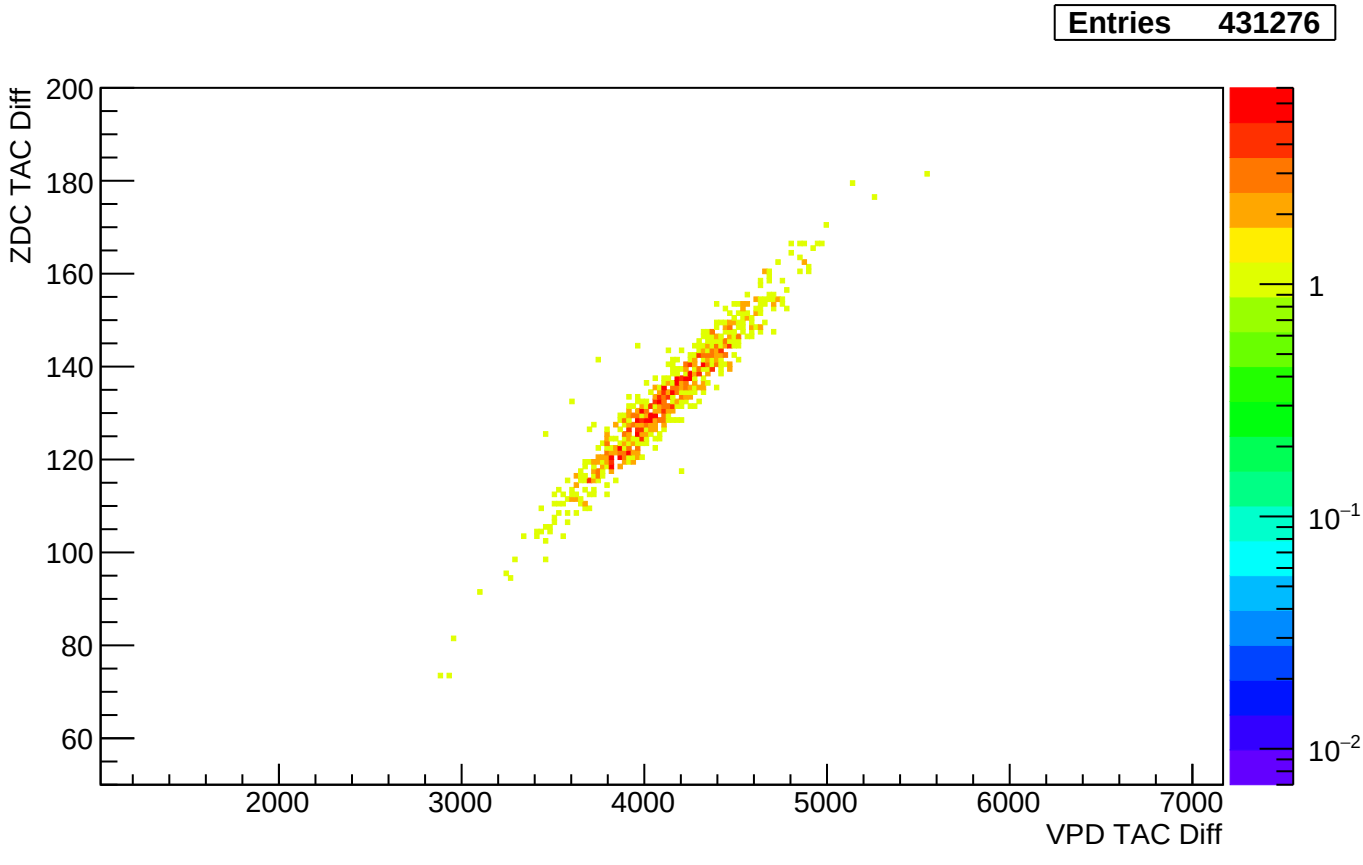

Entries 431276
TOF-Mult
EPD-East Hit Cnt

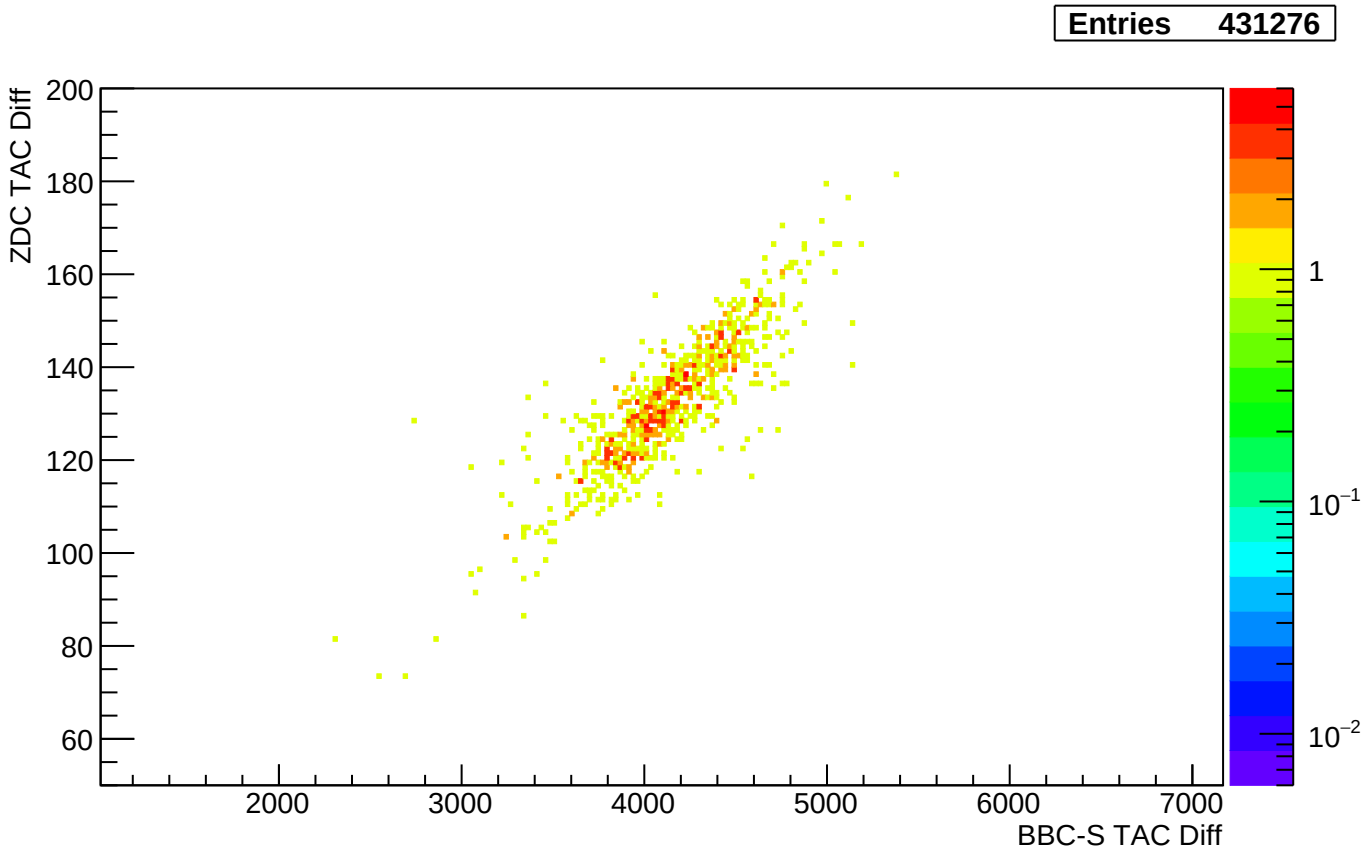

Entries 431276
TOF-Mult
EPD-West Hit Cnt

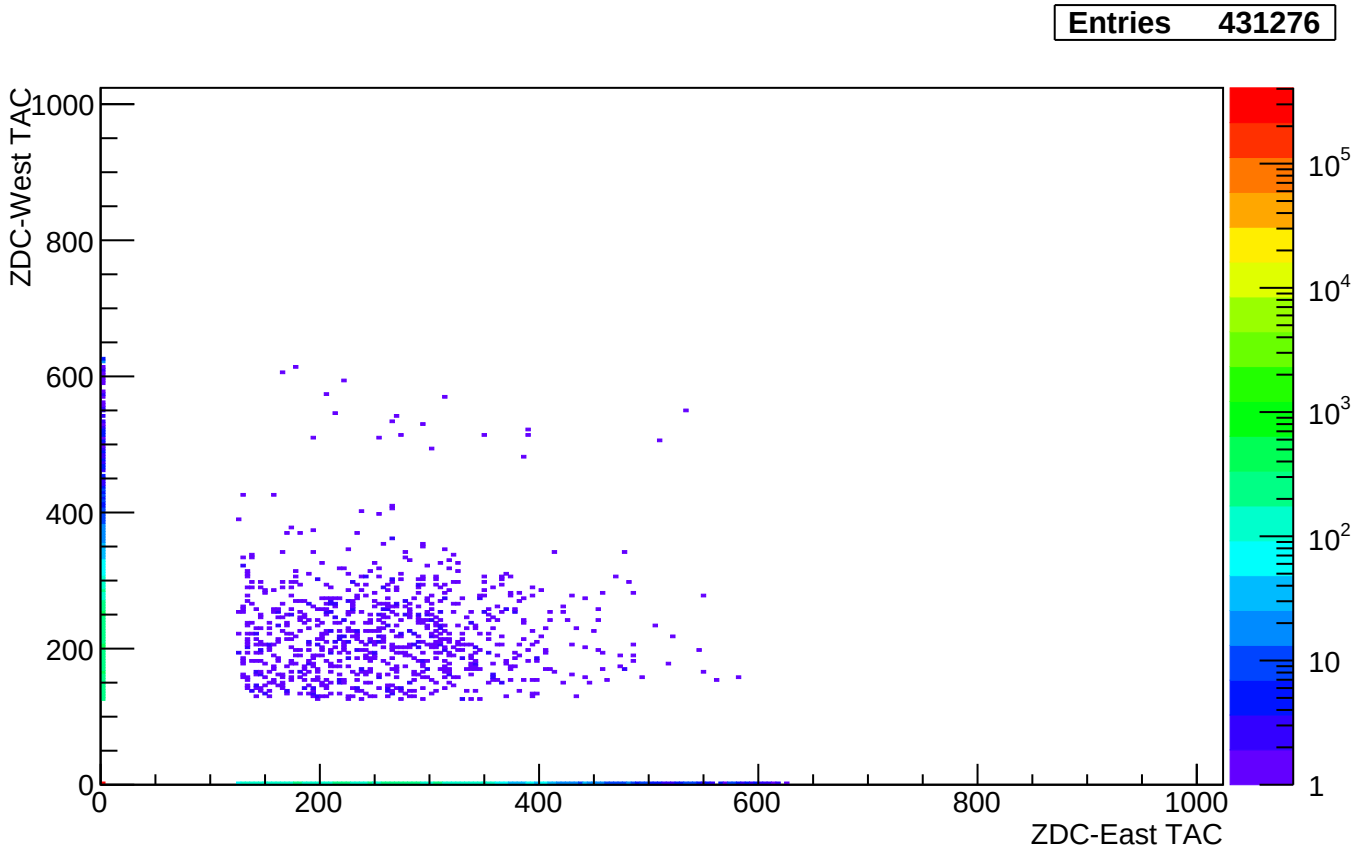

Entries 431276
TOF-Mult
VPD-East ADC Sum

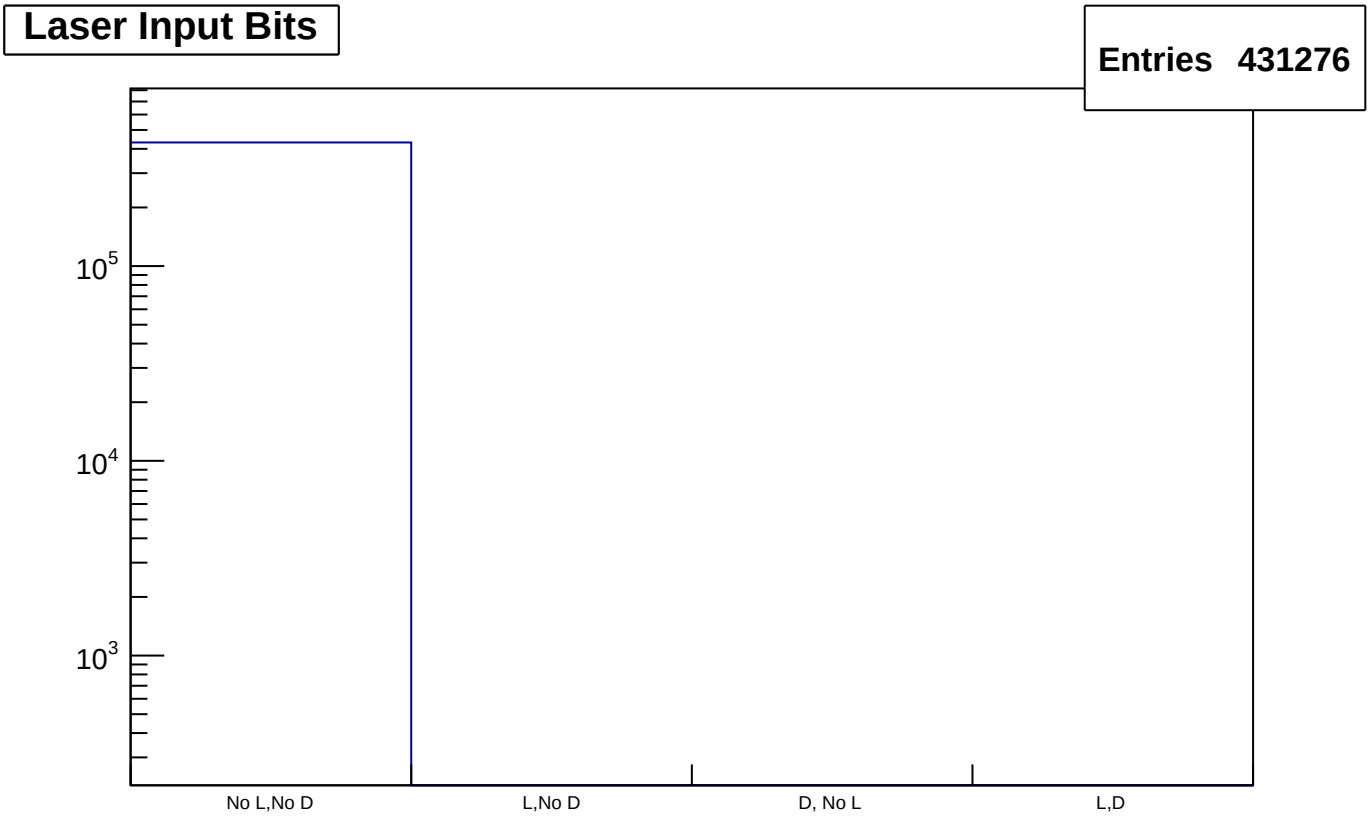

Entries 431276
TOF-Mult
VPD-West ADC Sum

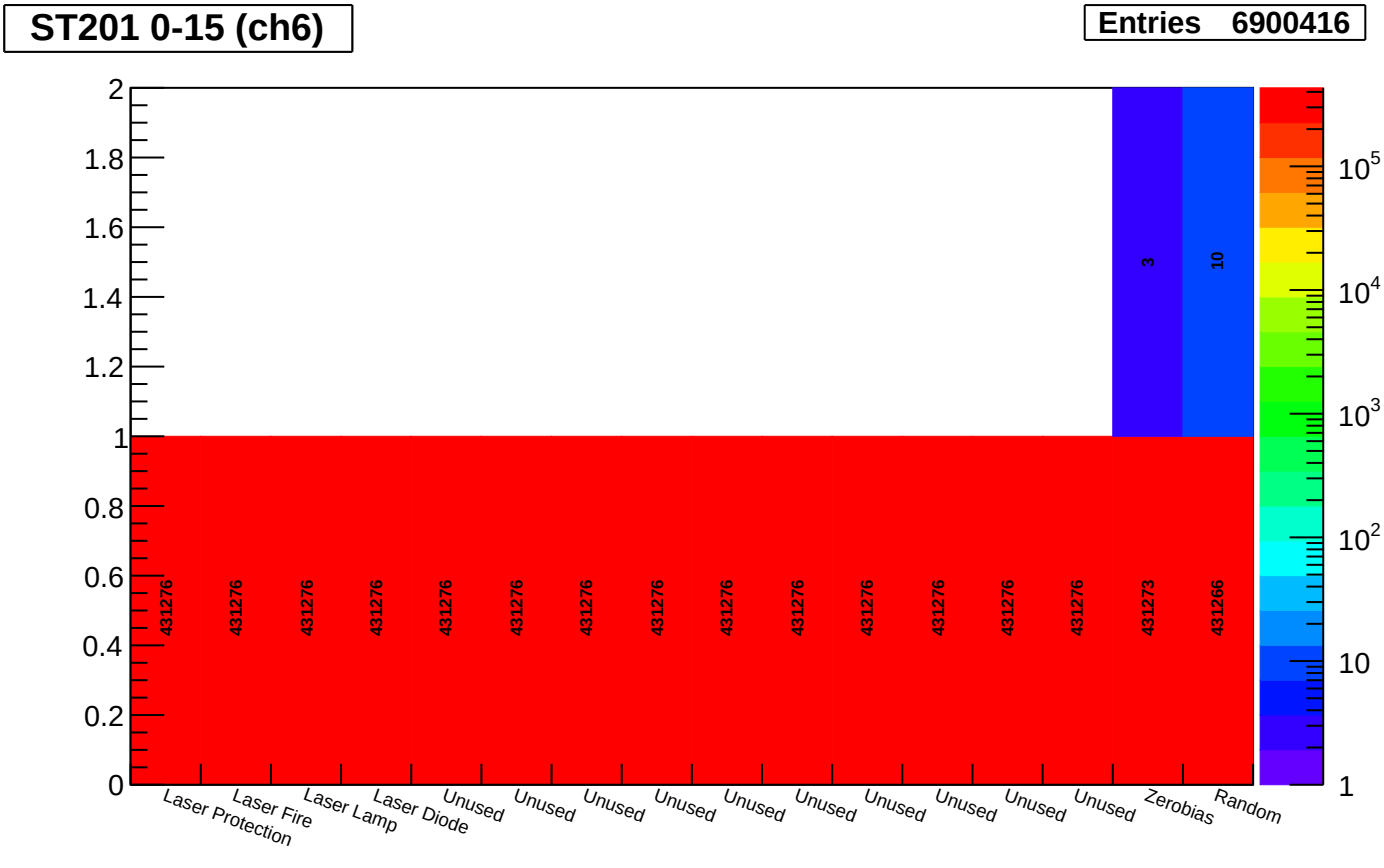

Entries 431276
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

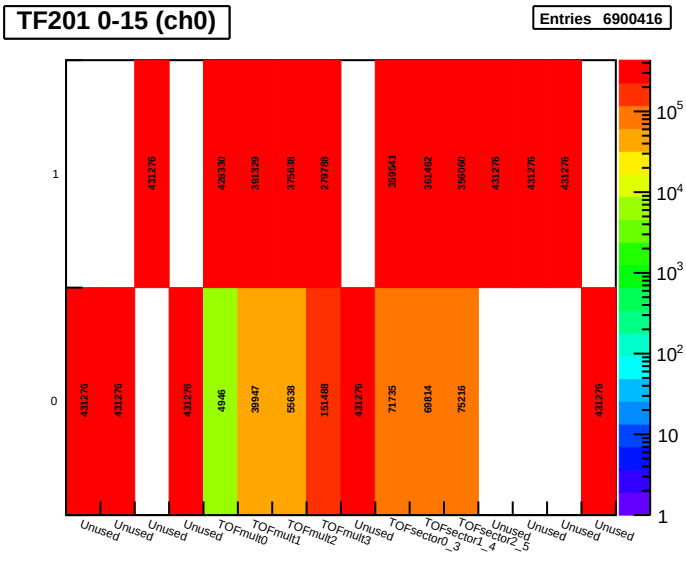

Entries 431276
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

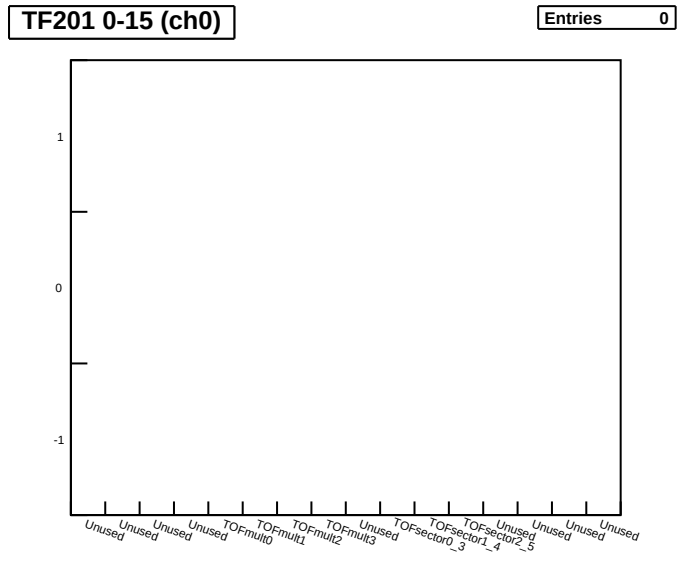

Entries 431276
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

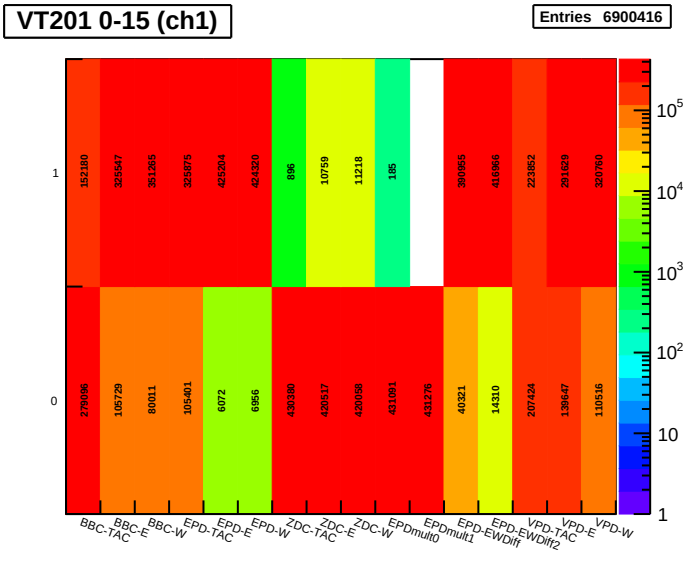

Entries 431276
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

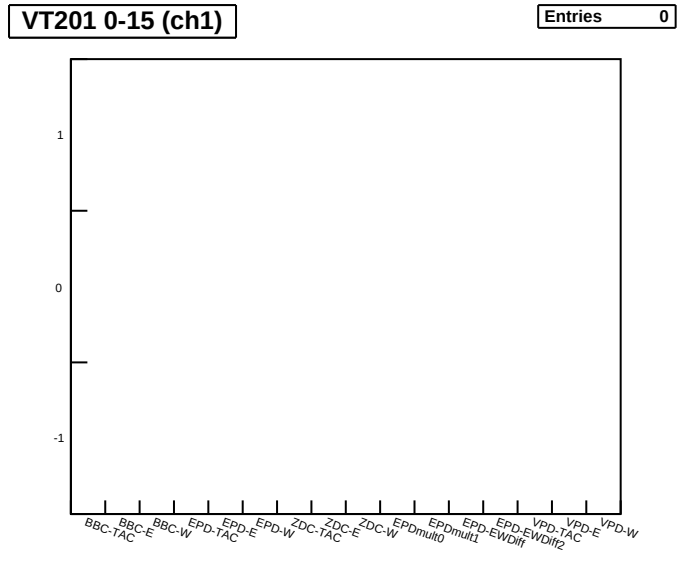

Laser Input Bits
Entries 431276
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

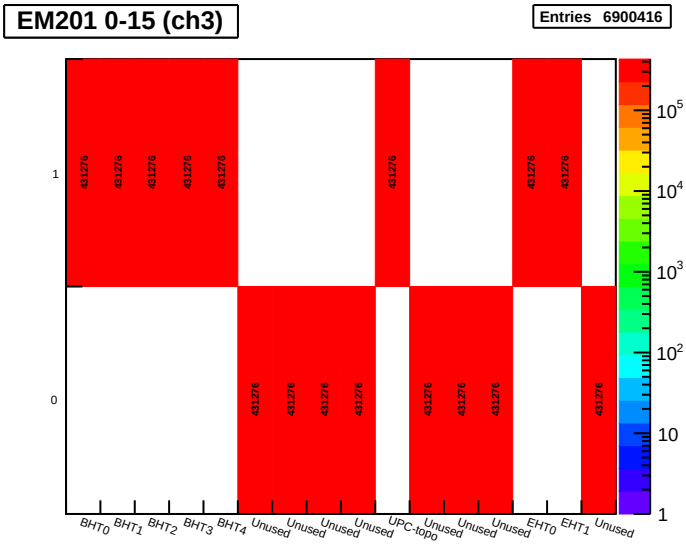

ST201 0-15 (ch6)
Entries 6900416
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431273
431266
3
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

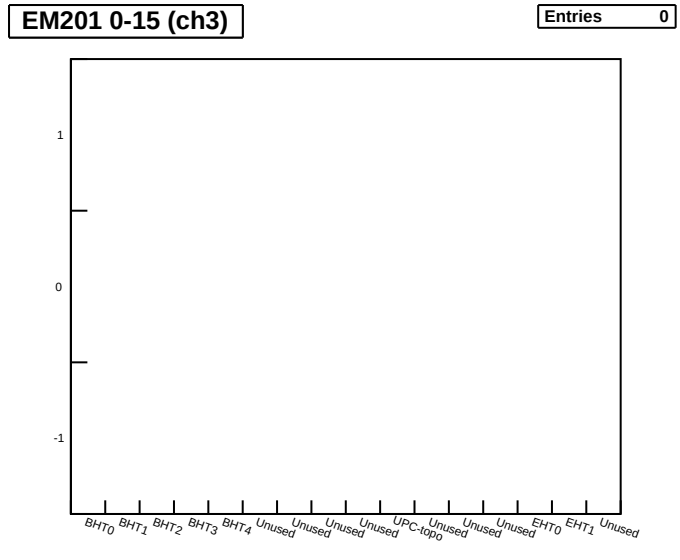

TF201 0-15 (ch0)
Entries 6900416
1
0
431276
426330
391329
375638
279788
359941
361462
356060
431276
431276
431276
431276
431276
431276
4946
39947
55638
151488
431276
71735
69814
75216
431276
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 6900416
1
0
152180
325547
351265
325875
425204
424320
896
10759
11218
185
390955
416966
223852
291629
320760
279096
105729
80011
105401
6072
6956
430380
420517
420058
431091
431276
40321
14310
207424
139647
110516
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 6900416
1
0
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
431276
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1