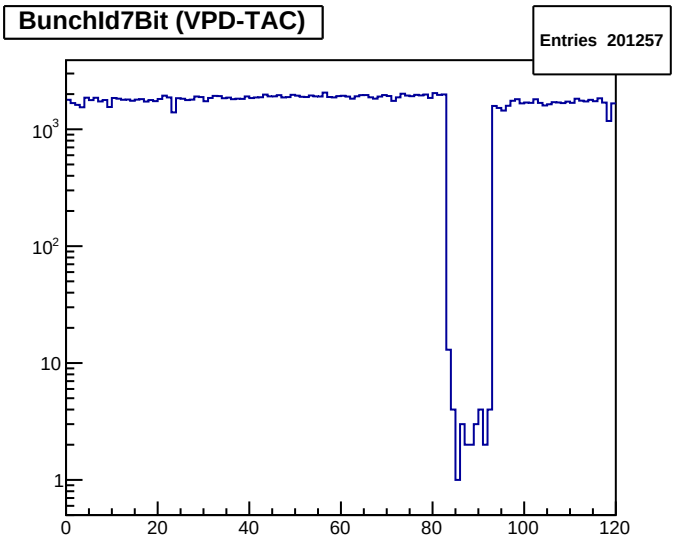
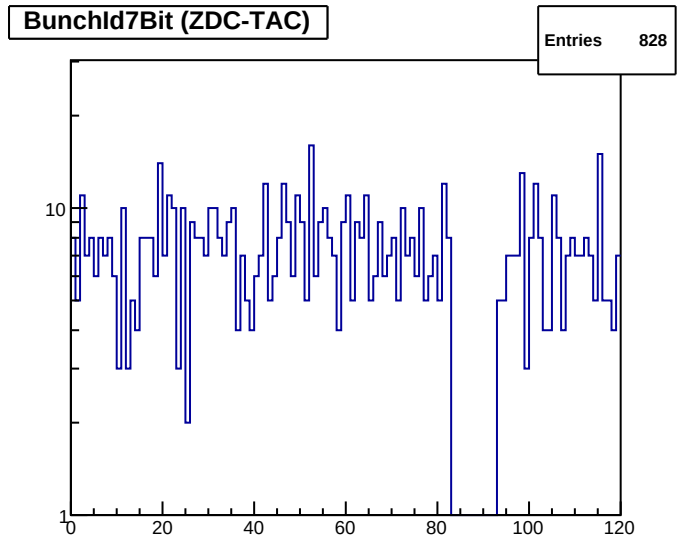
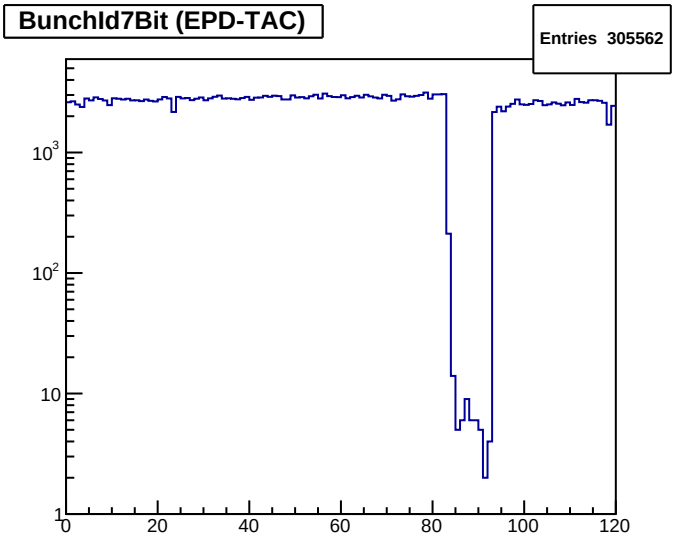
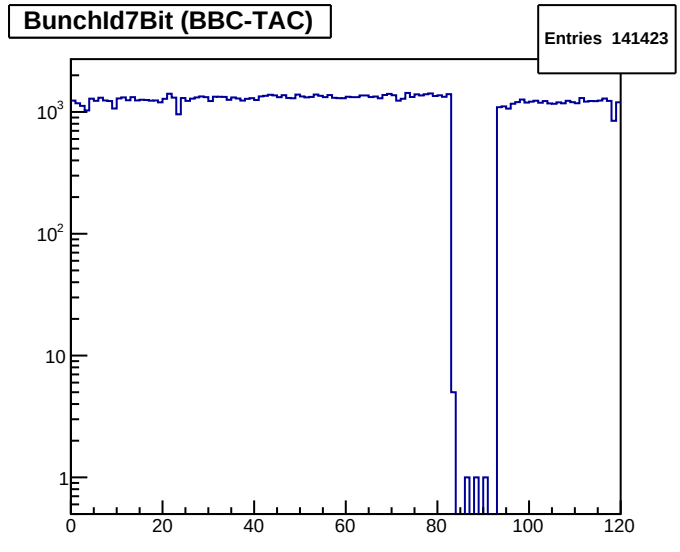
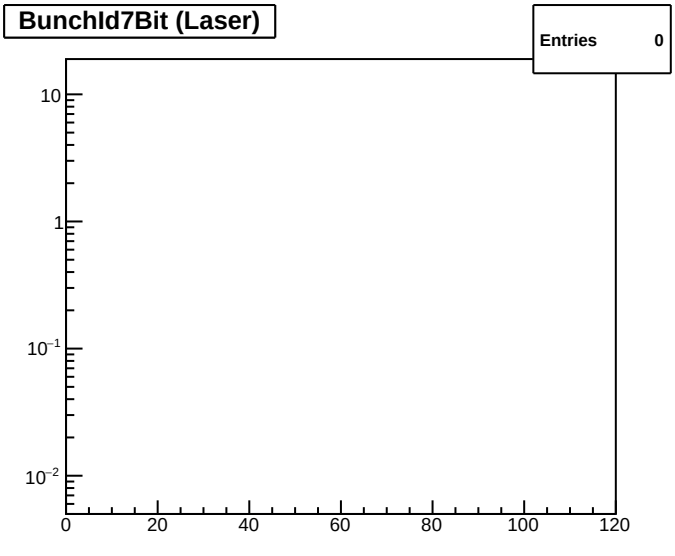
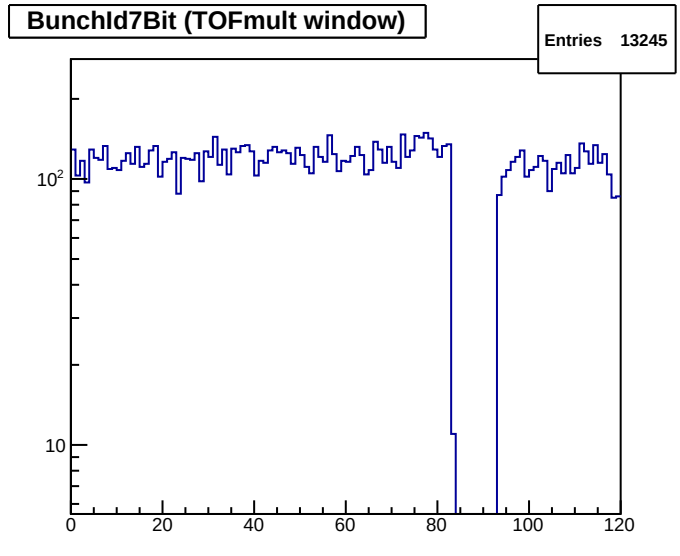

BunchId7Bit (VPD-TAC)
Entries 201257

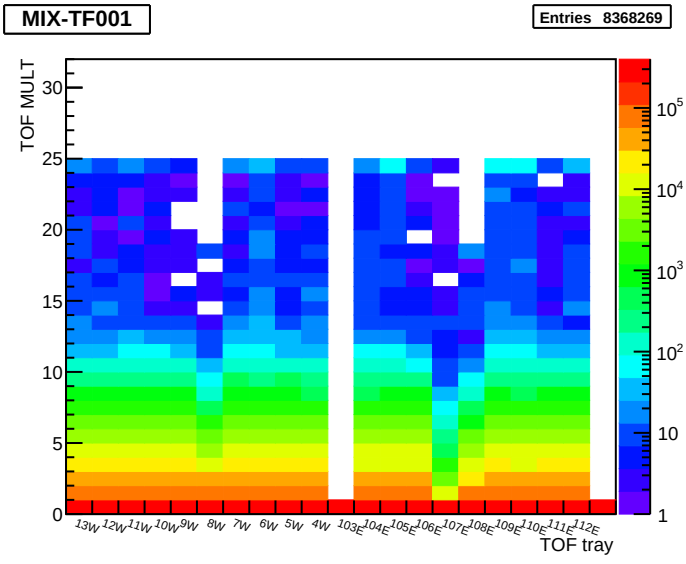

BunchId7Bit (ZDC-TAC)
Entries 828

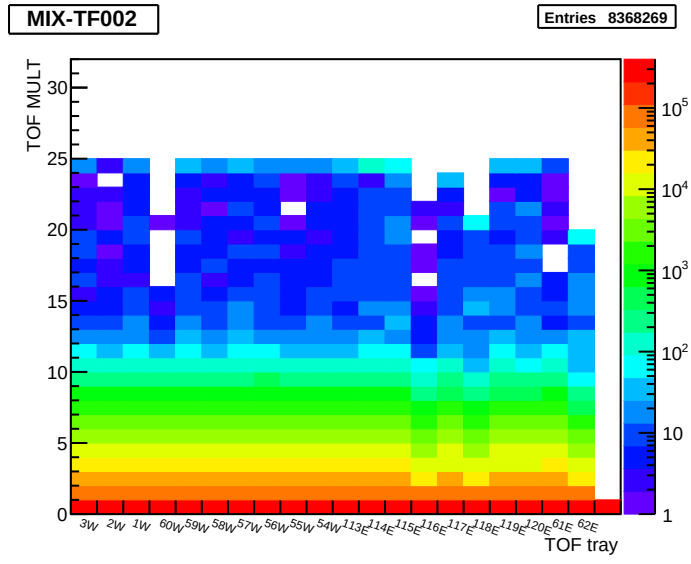

BunchId7Bit (EPD-TAC)
Entries 305562

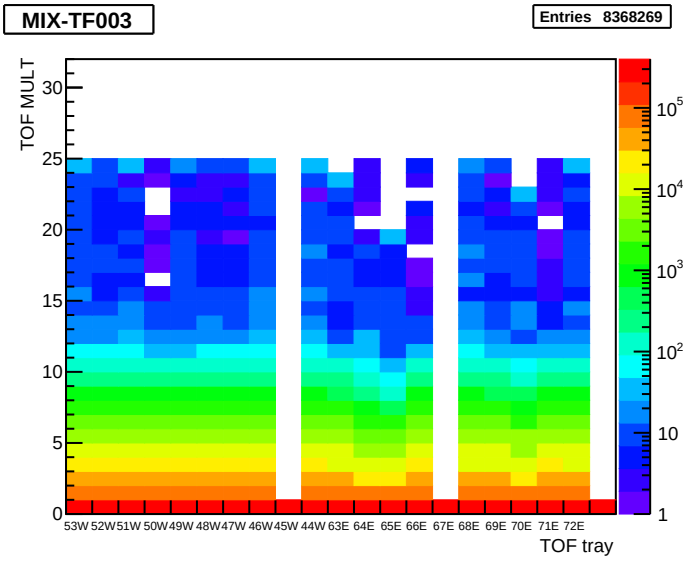

BunchId7Bit (BBC-TAC)
Entries 141423

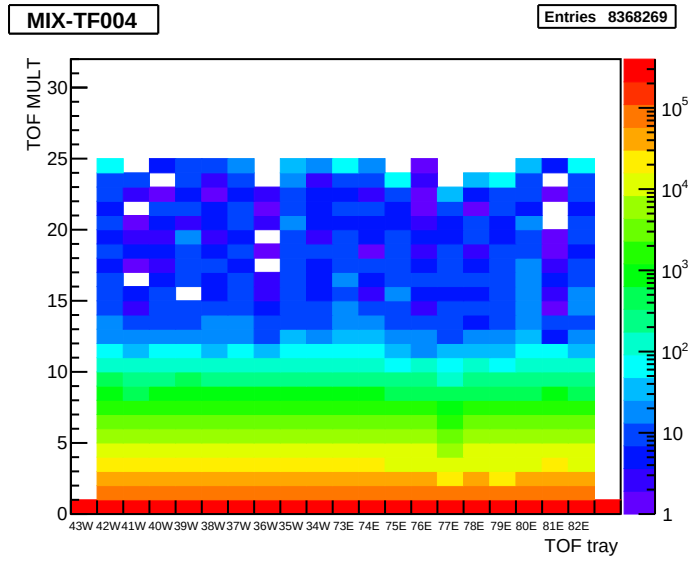

BunchId7Bit (Laser)
Entries 0

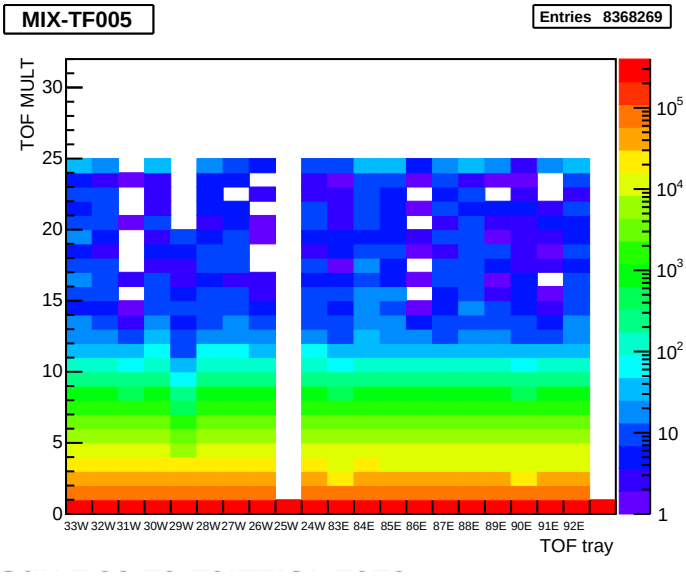

BunchId7Bit (TOFmult window)
Entries 13245

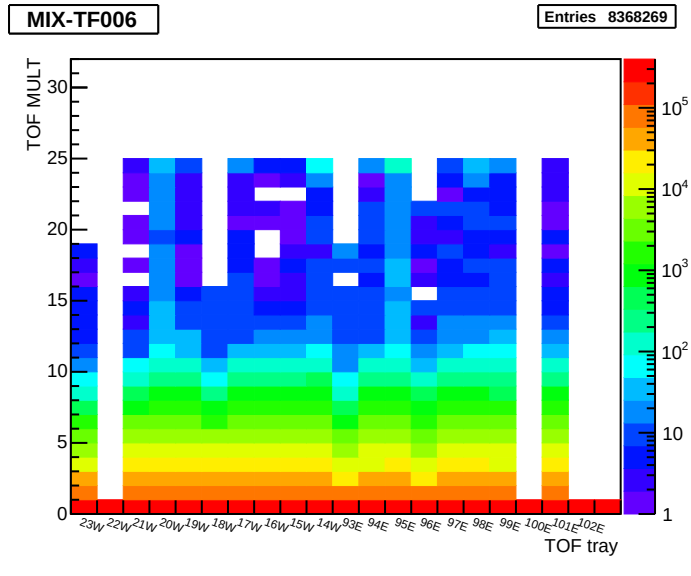

MIX-TF001
Entries 8368269
TOF MULT
TOF tray

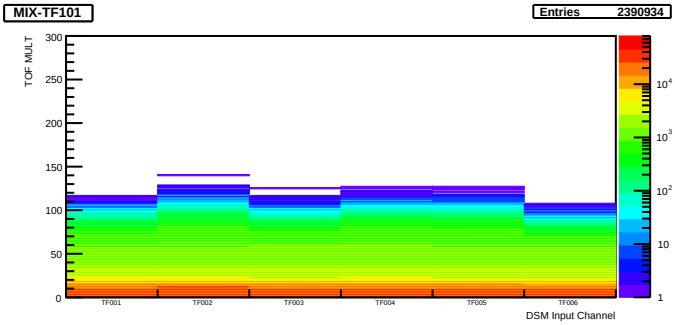

MIX-TF002
Entries 8368269
TOF MULT
TOF tray

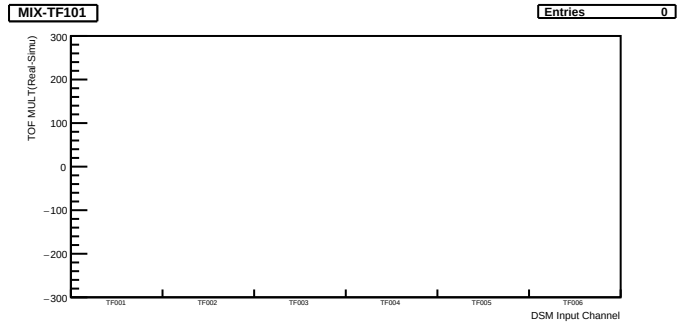

MIX-TF003
Entries 8368269
TOF MULT
TOF tray

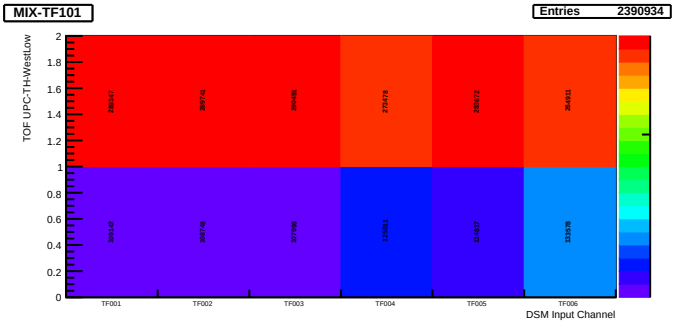

MIX-TF004
Entries 8368269
TOF MULT
TOF tray

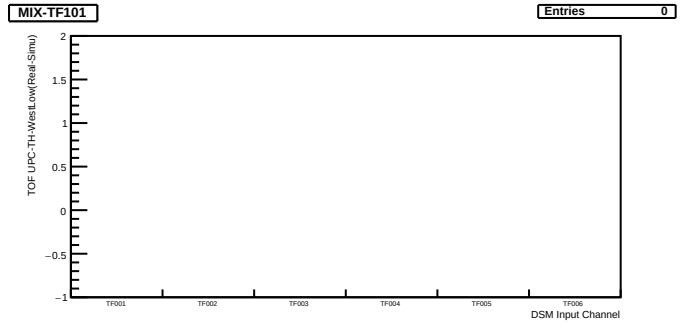

MIX-TF005
Entries 8368269
TOF MULT
TOF tray

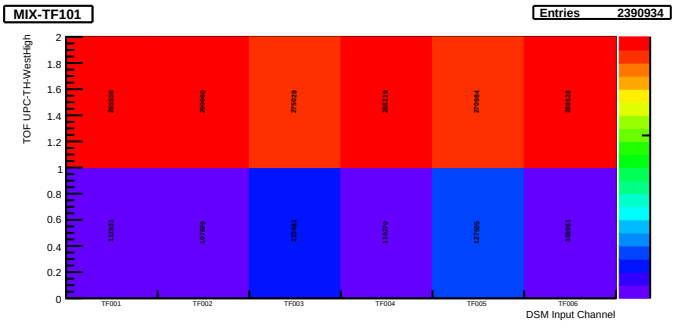

MIX-TF006
Entries 8368269
TOF MULT
TOF tray

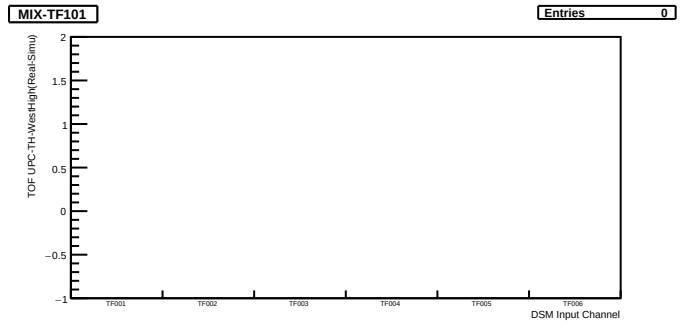

MIX-TF101
Entries 2390934
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

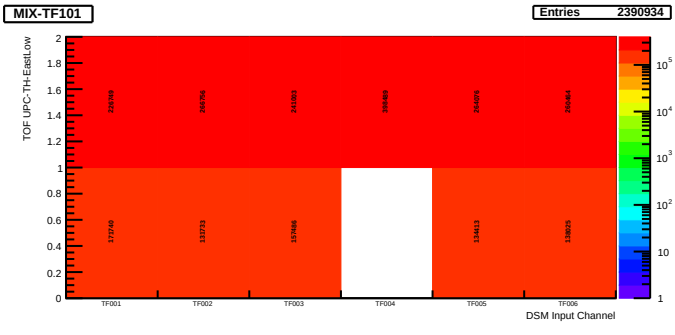

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

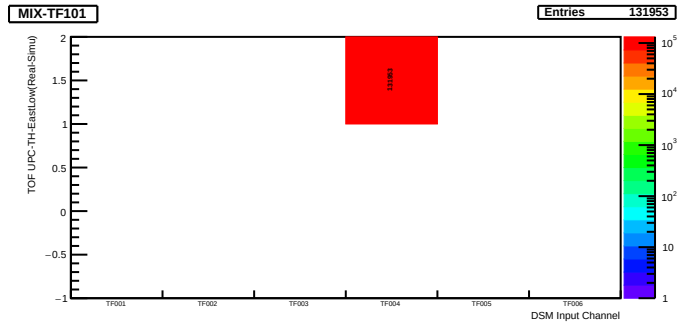

MIX-TF101
Entries 2390934
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

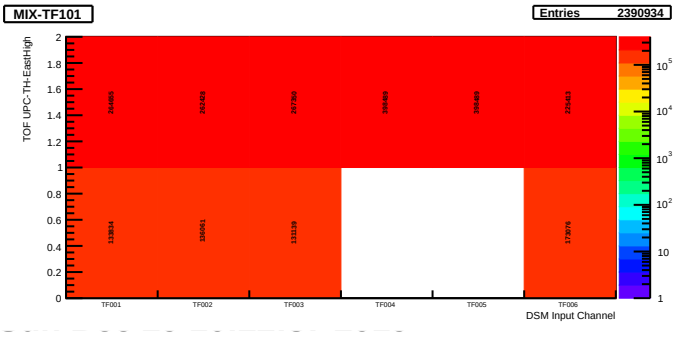

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

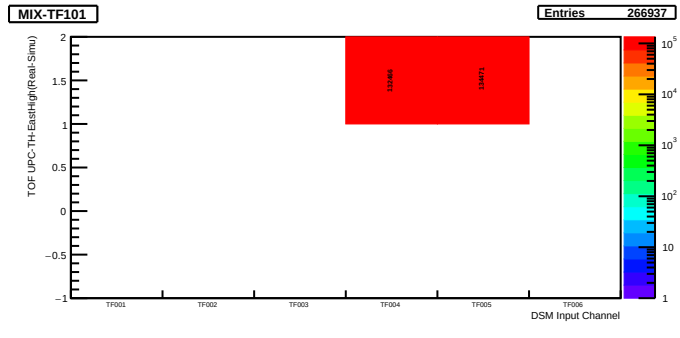

MIX-TF101
Entries 2390934
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

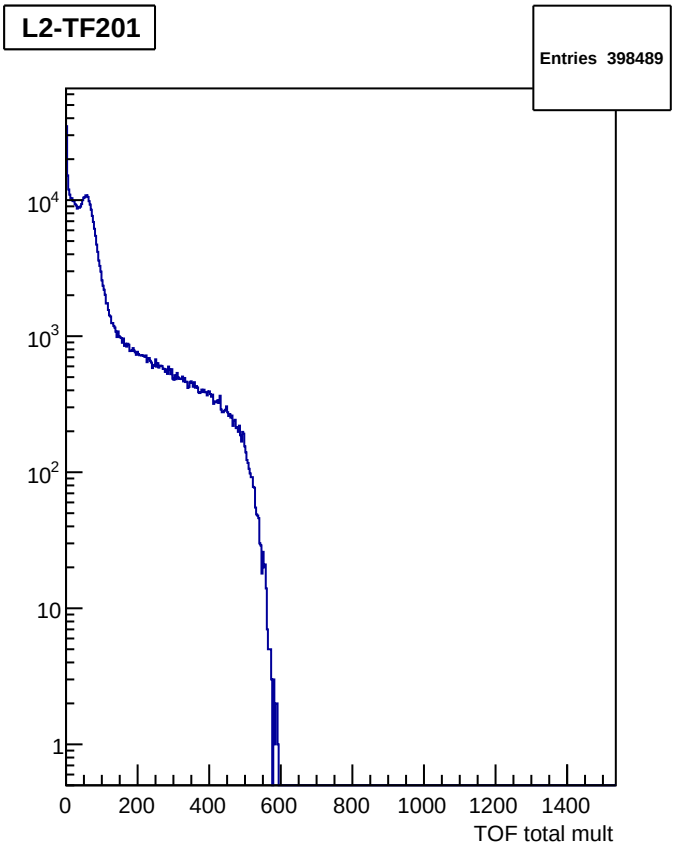

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

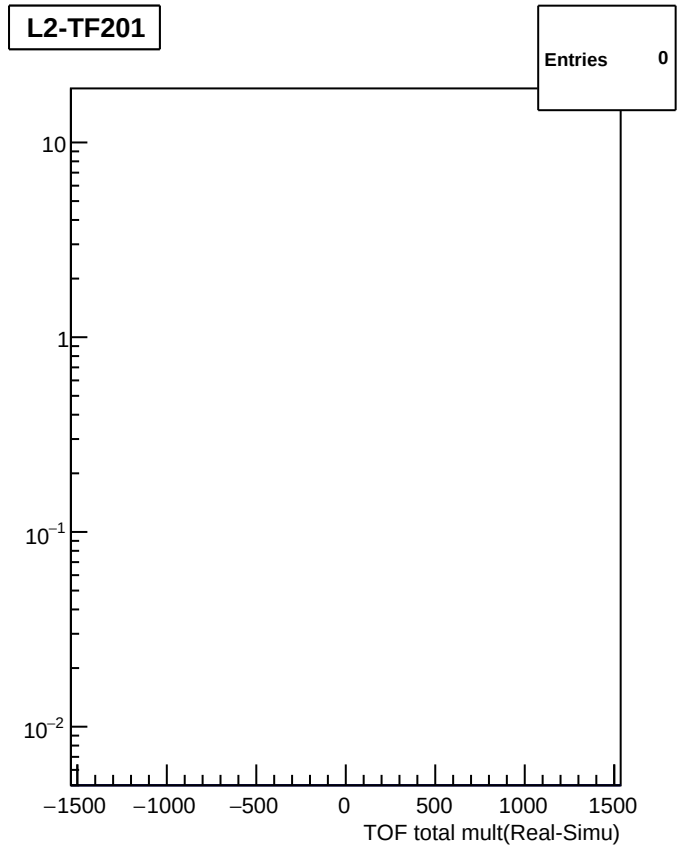

MIX-TF101
Entries 2390934
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

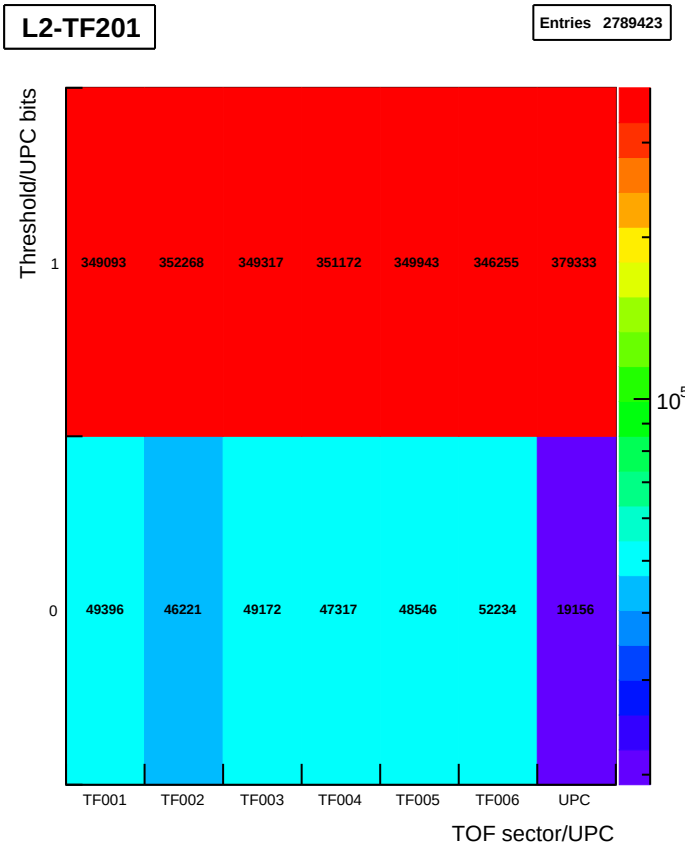

MIX-TF101
Entries 131953
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

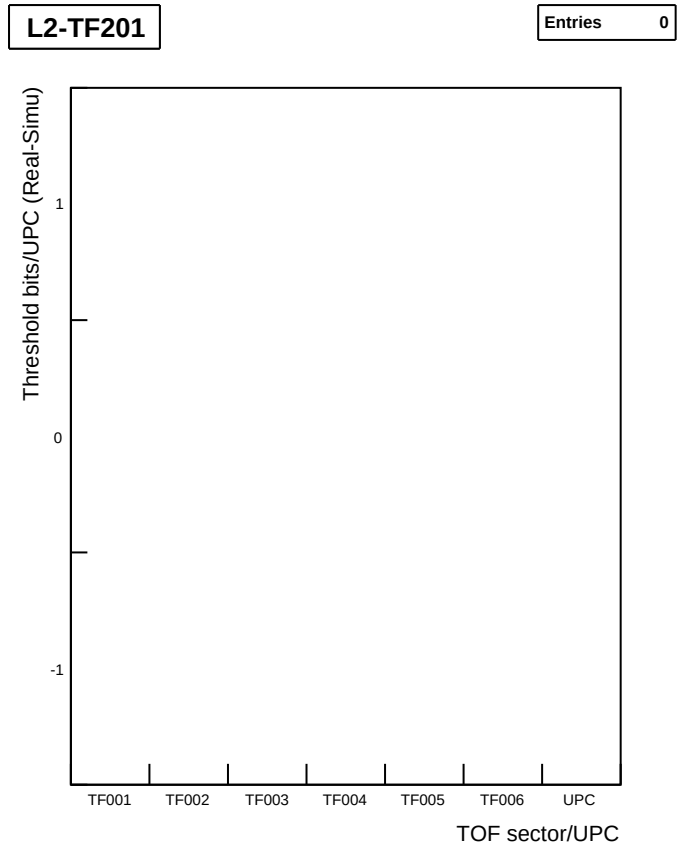

MIX-TF101
Entries 2390934
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

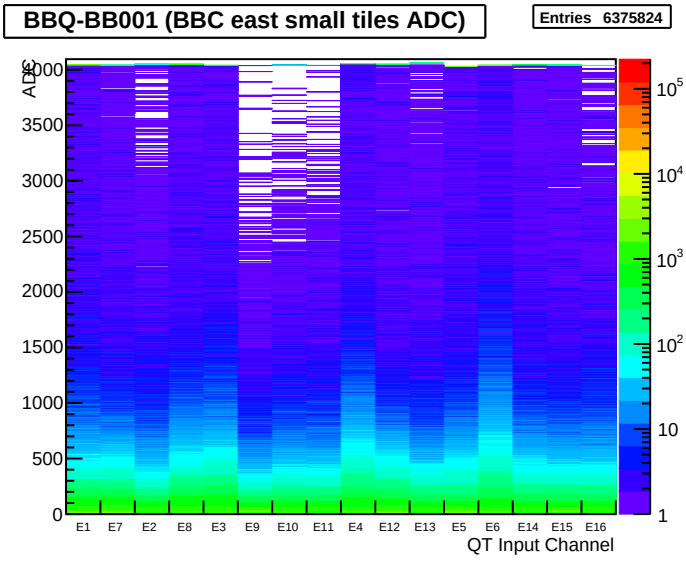

MIX-TF101
Entries 266937
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

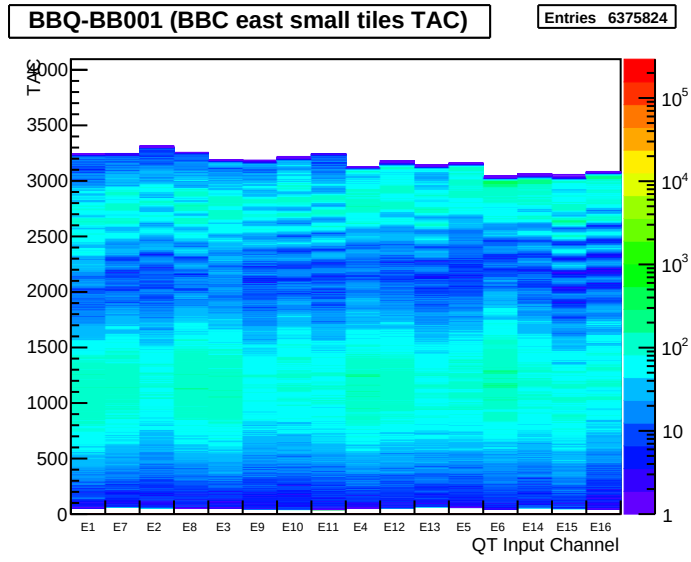

L2-TF201
Entries 398489
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

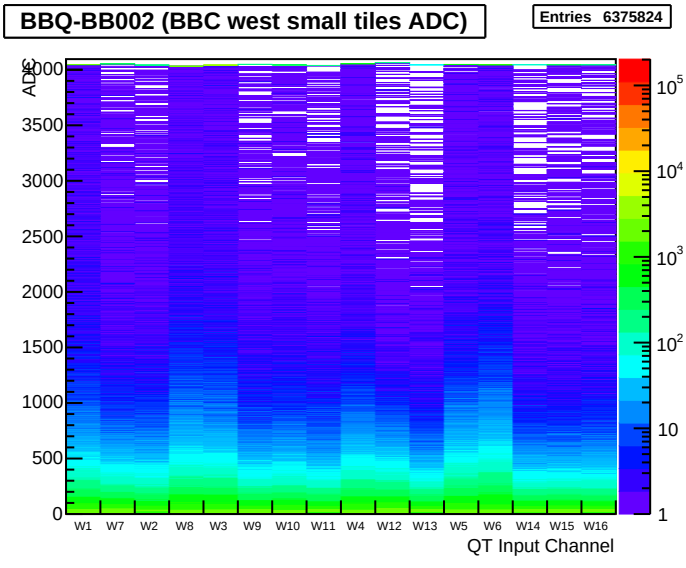

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

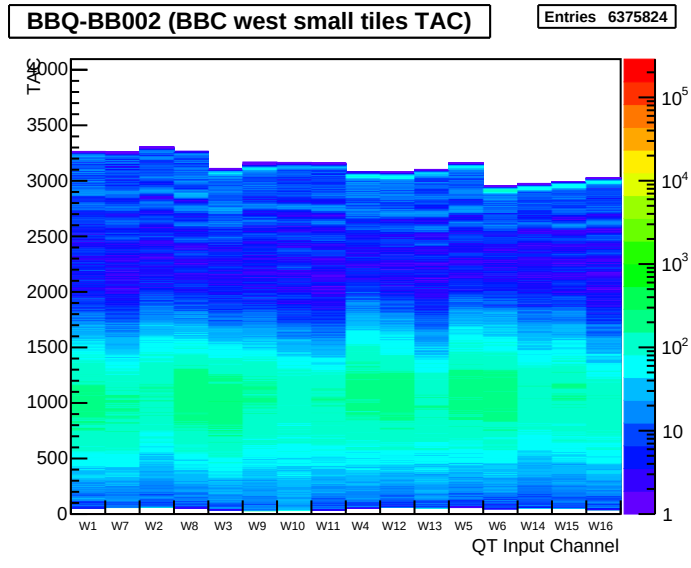

L2-TF201
Entries 2789423
Threshold/UPC bits
1
0
349093
352268
349317
351172
349943
346255
379333
49396
46221
49172
47317
48546
52234
19156
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

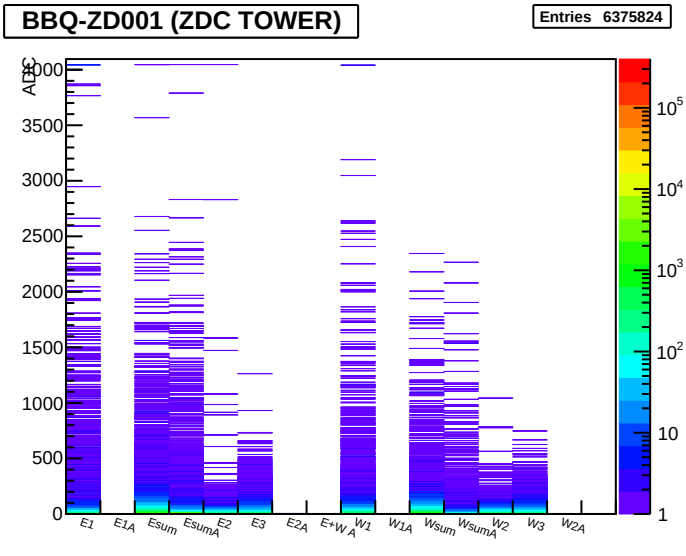

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

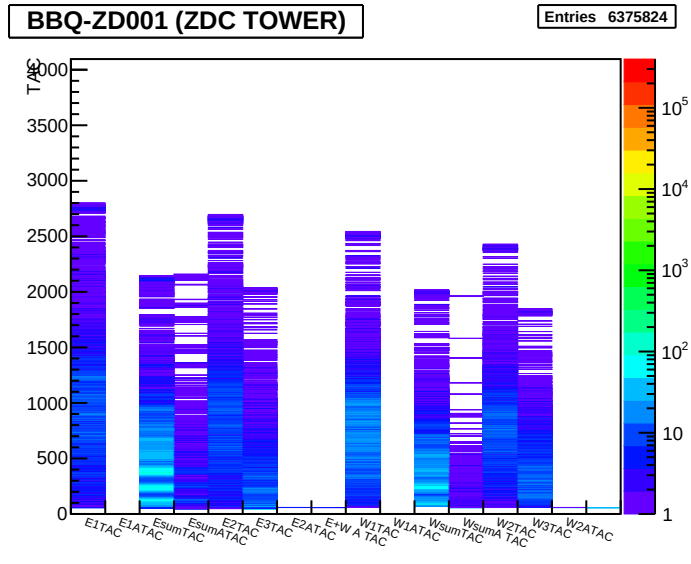

BBQ-BB001 (BBC east small tiles ADC)
Entries 6375824
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

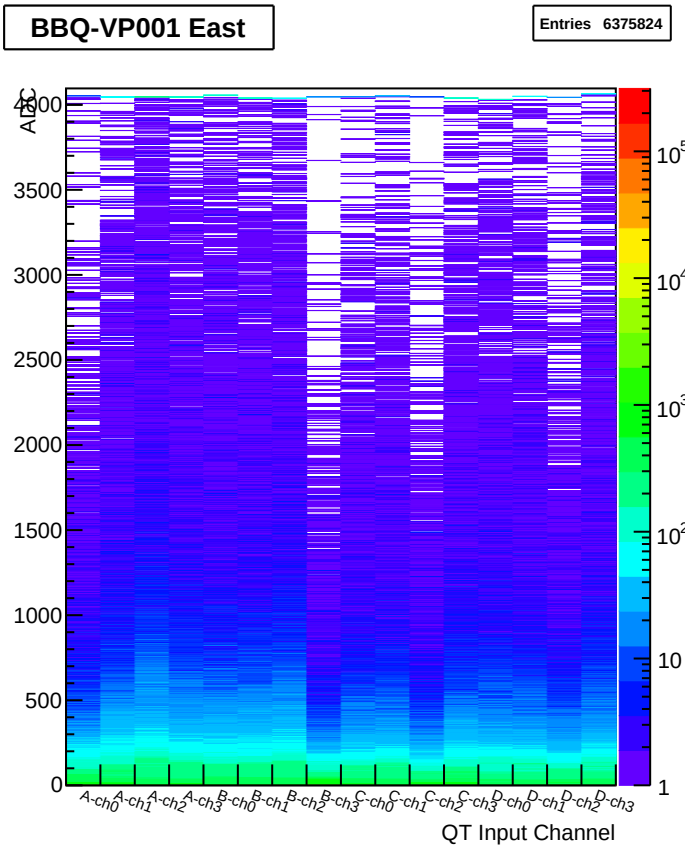

BBQ-BB001 (BBC east small tiles TAC)
Entries 6375824
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

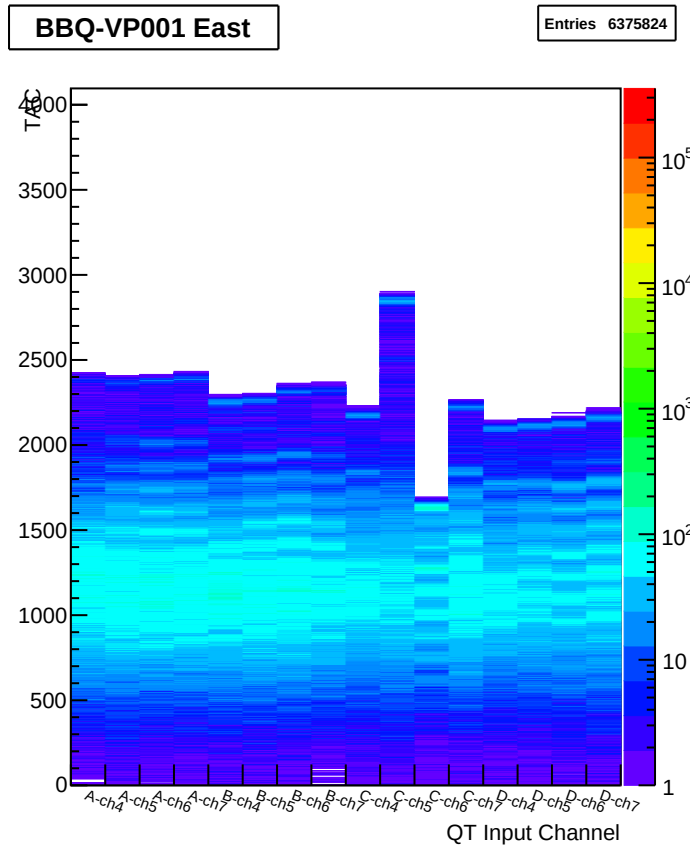

BBQ-BB002 (BBC west small tiles ADC)
Entries 6375824
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

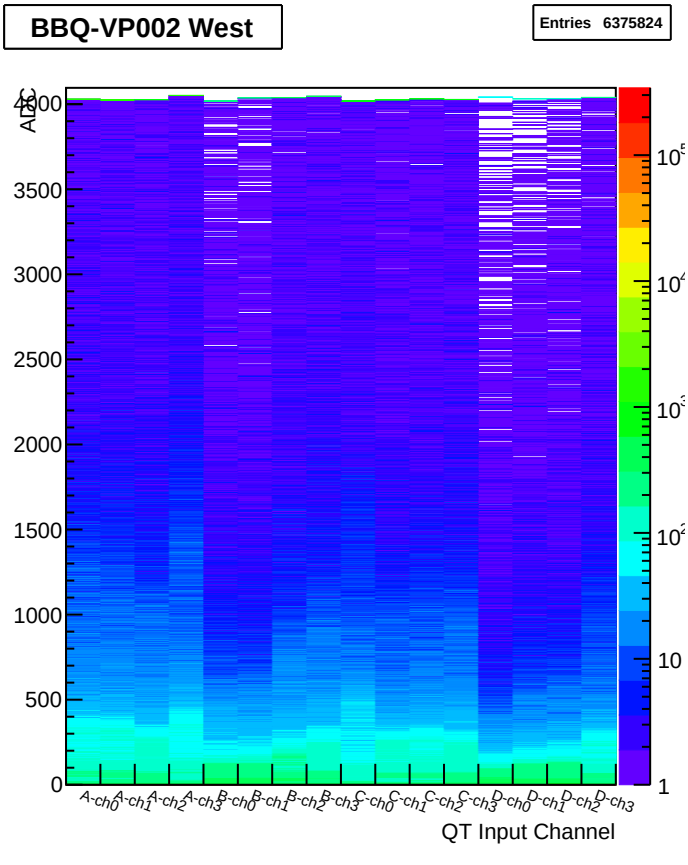

BBQ-BB002 (BBC west small tiles TAC)
Entries 6375824
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

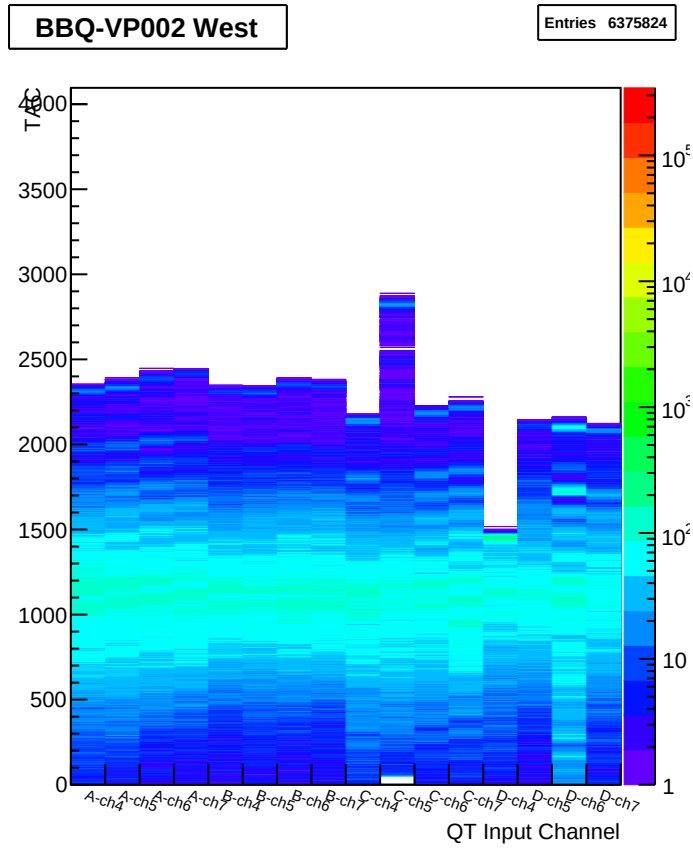

BBQ-ZD001 (ZDC TOWER)
Entries 6375824
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

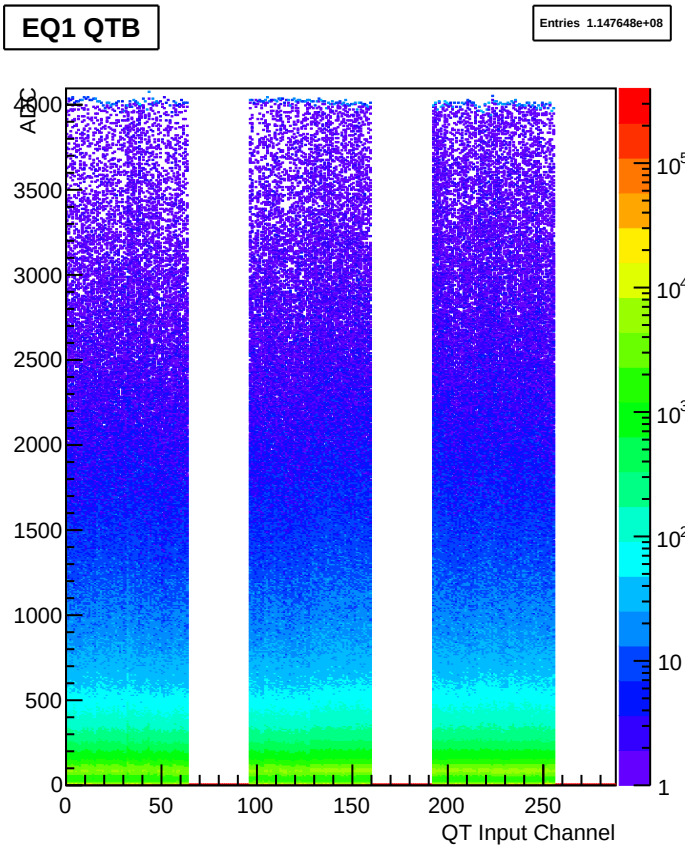

BBQ-ZD001 (ZDC TOWER)
Entries 6375824
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

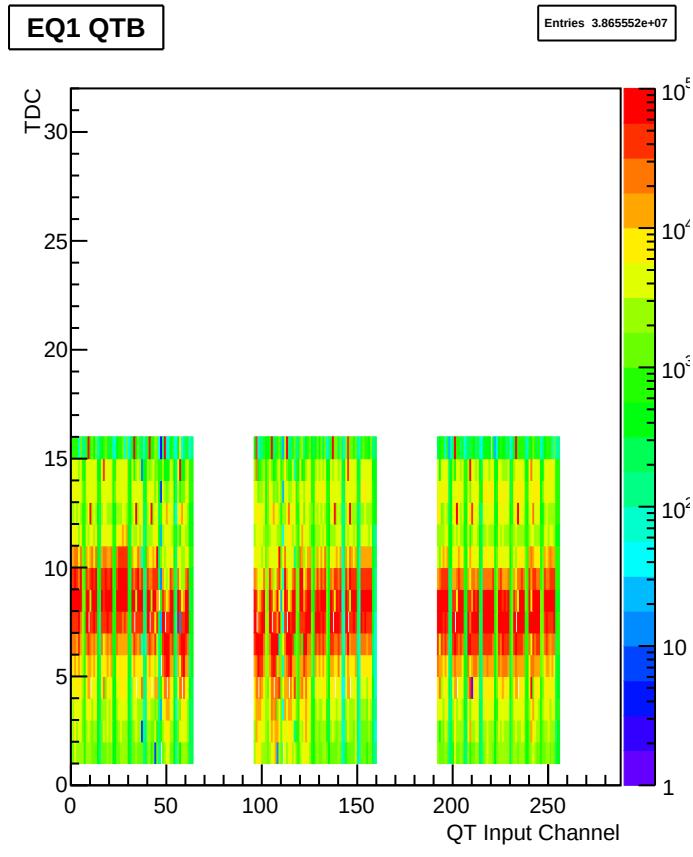

BBQ-VP001 East
Entries 6375824
ADC
QT Input Channel

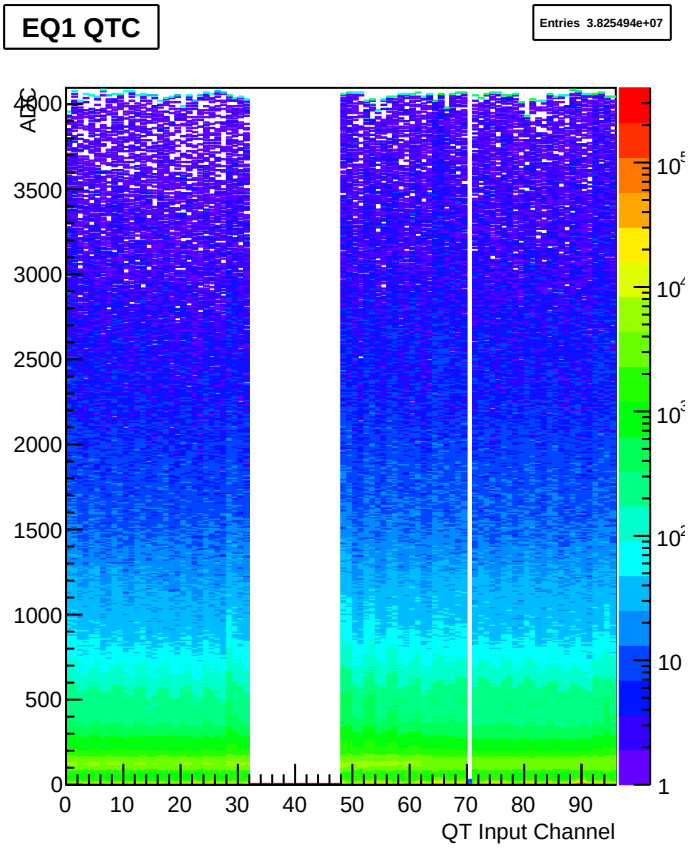

BBQ-VP001 East
Entries 6375824
ADC
QT Input Channel

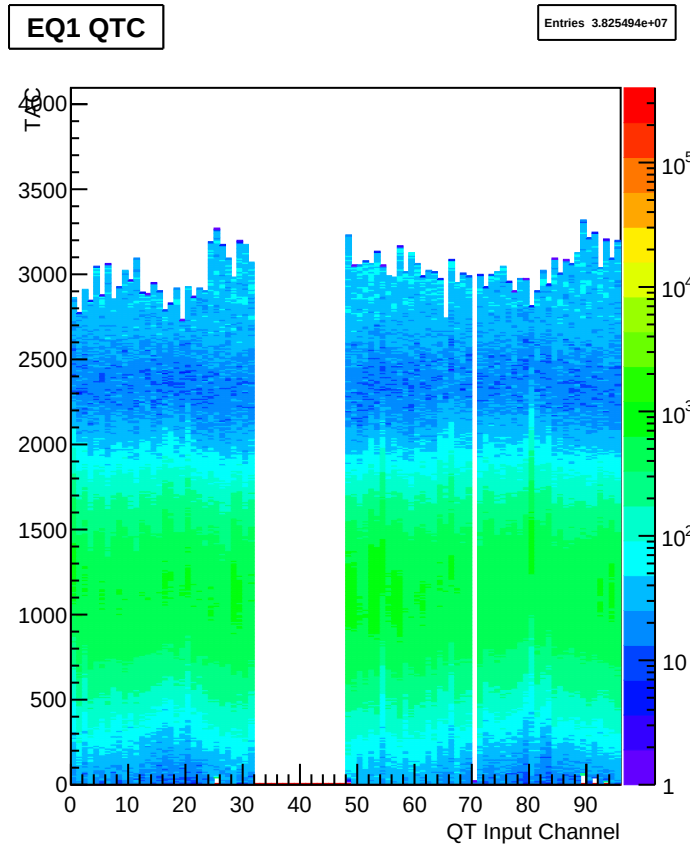

BBQ-VP002 West
Entries 6375824
ADC
QT Input Channel

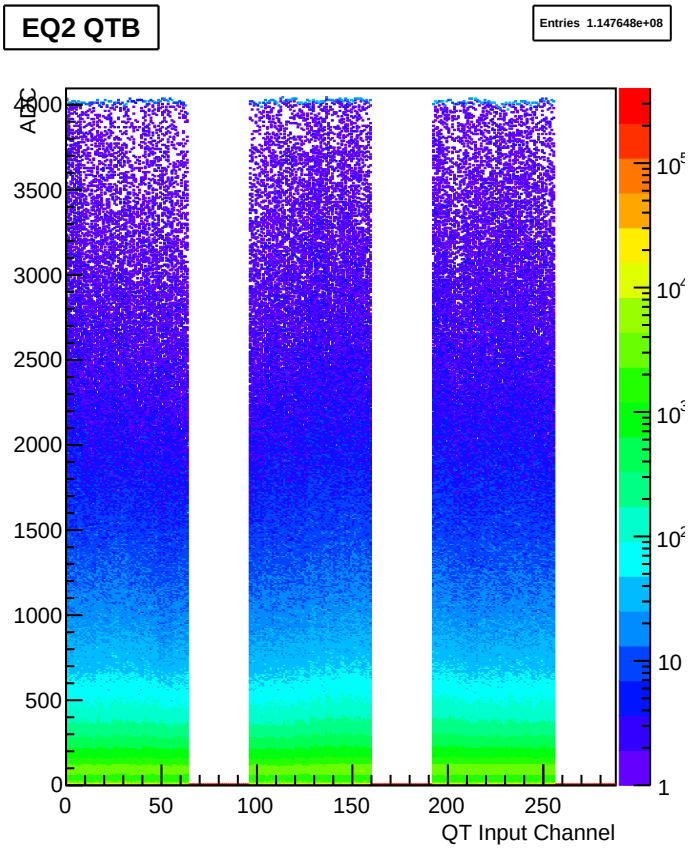

BBQ-VP002 West
Entries 6375824
ADC
QT Input Channel

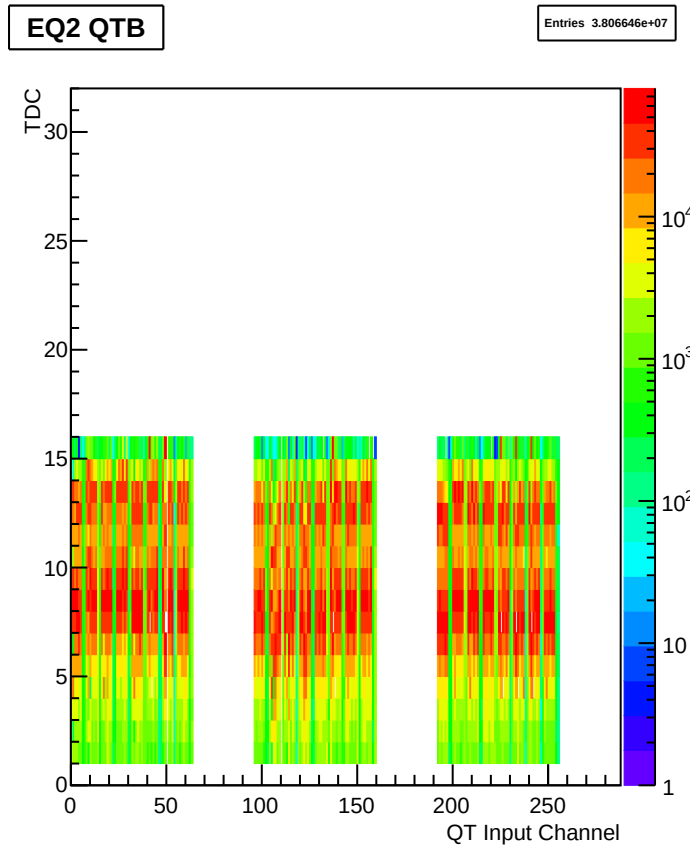

EQ1 QTB
Entries 1.147648e+08
ADC
QT Input Channel

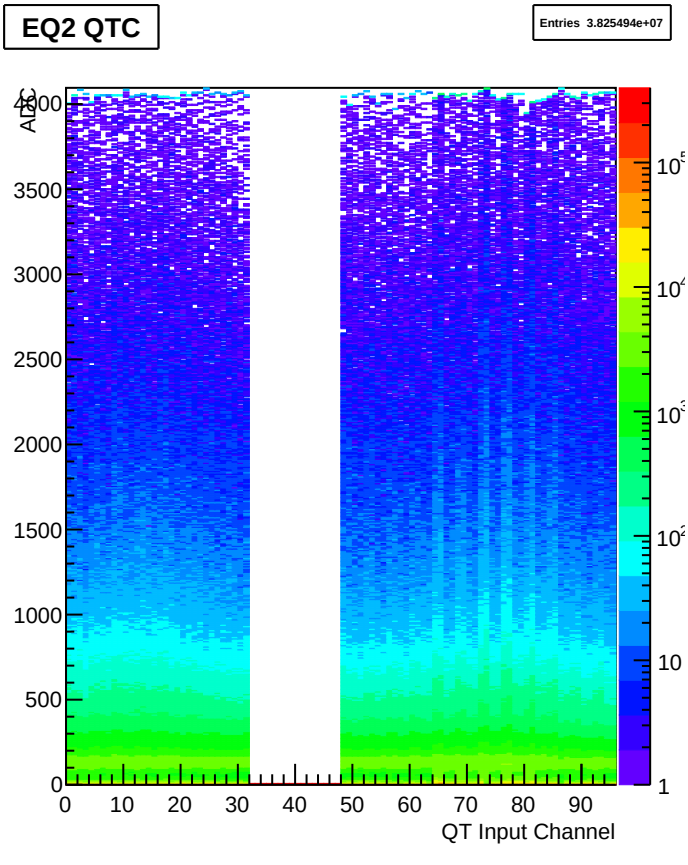

EQ1 QTB
Entries 3.865552e+07
TDC
QT Input Channel

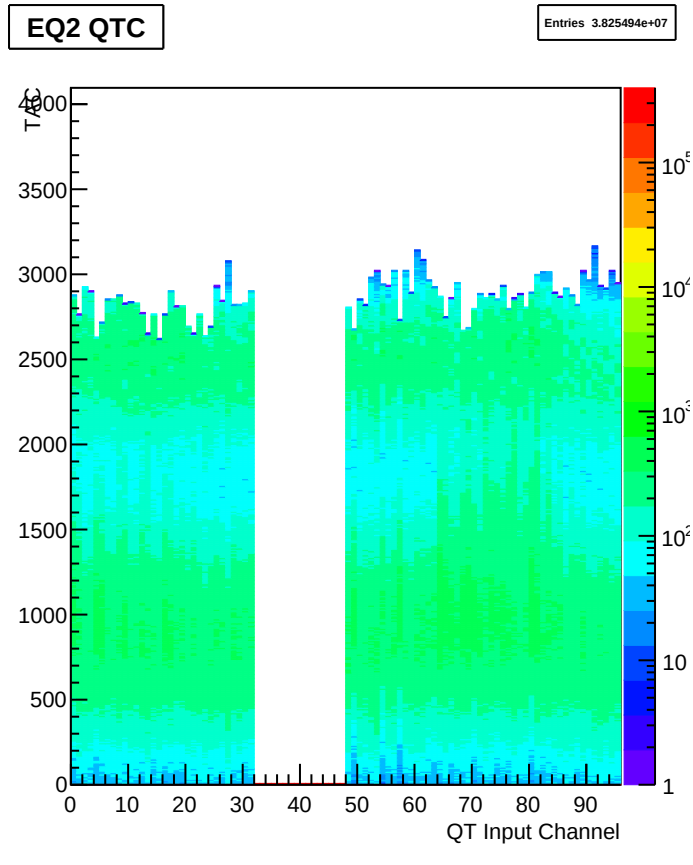

EQ1 QTC
Entries 3.825494e+07
ADC
QT Input Channel

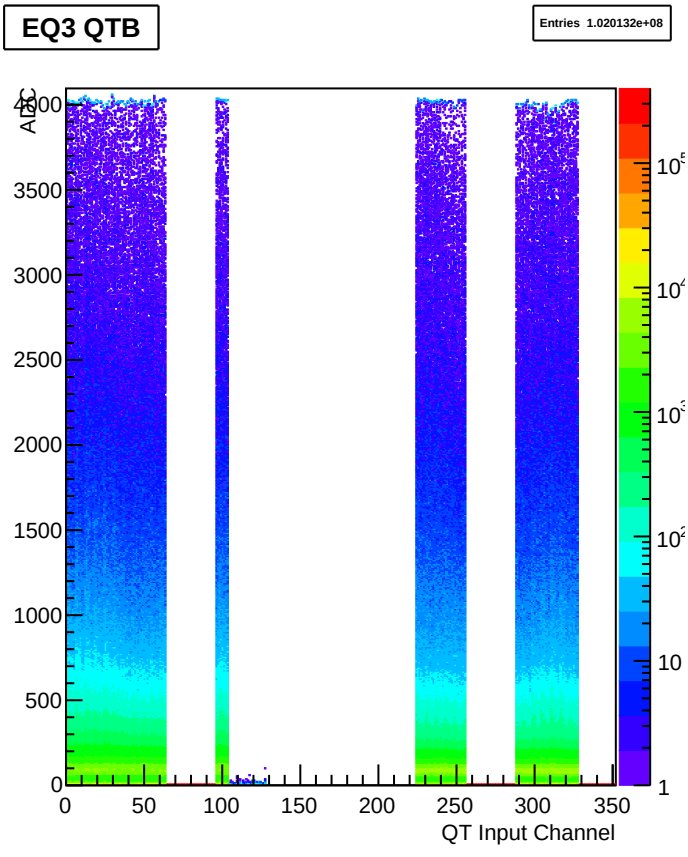

EQ1 QTC
Entries 3.825494e+07
TADC
QT Input Channel

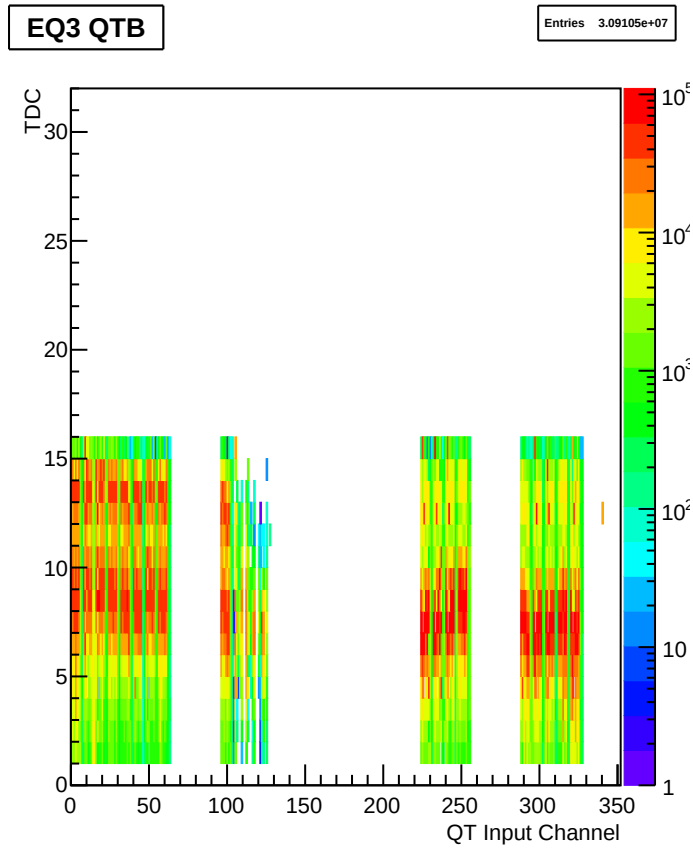

EQ2 QTB
Entries 1.147648e+08
ADC
QT Input Channel

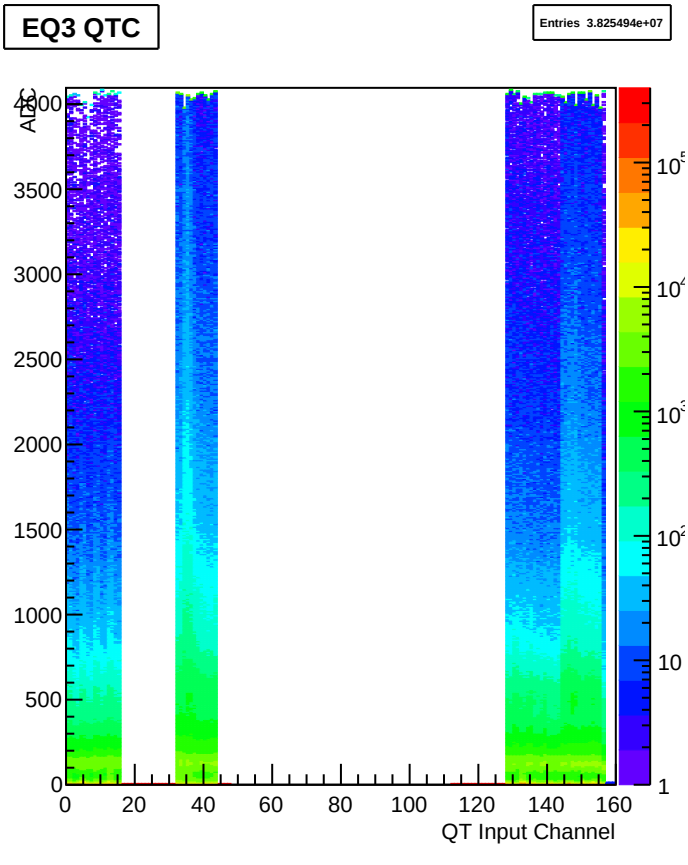

EQ2 QTB
Entries 3.806646e+07
TDC
QT Input Channel

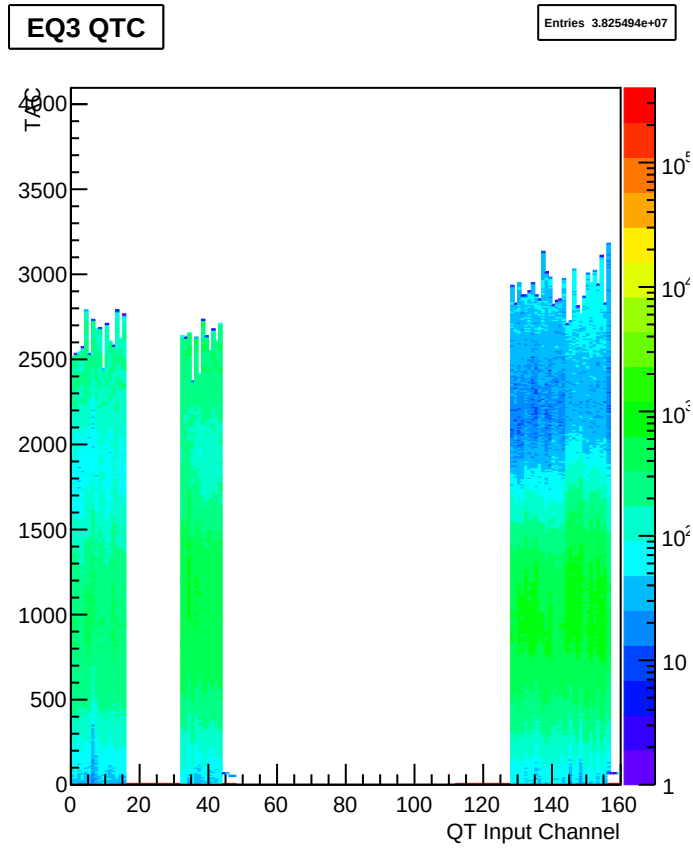

EQ2 QTC
Entries 3.825494e+07
ADC
QT Input Channel

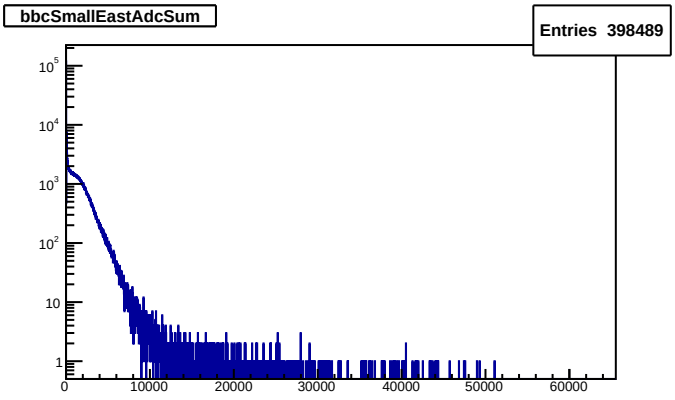

EQ2 QTC
Entries 3.825494e+07
TADC
QT Input Channel

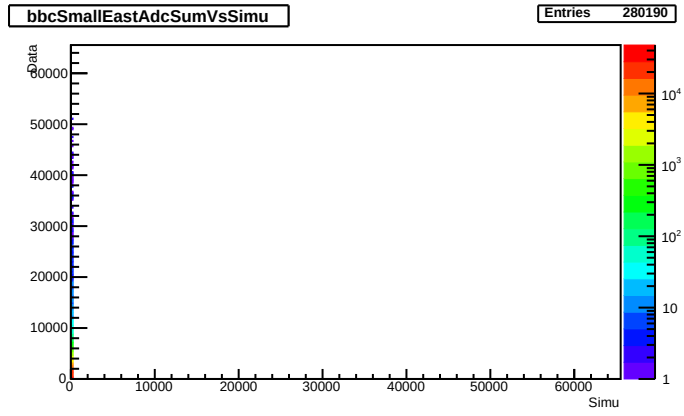

EQ3 QTB
Entries 1.020132e+08
ADC
QT Input Channel

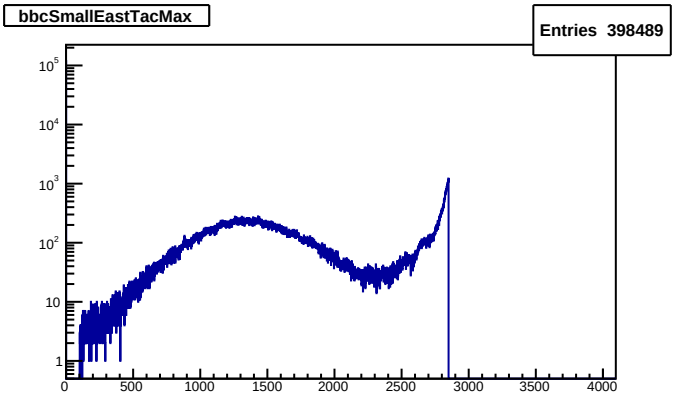

EQ3 QTB
Entries 3.09105e+07
TDC
QT Input Channel

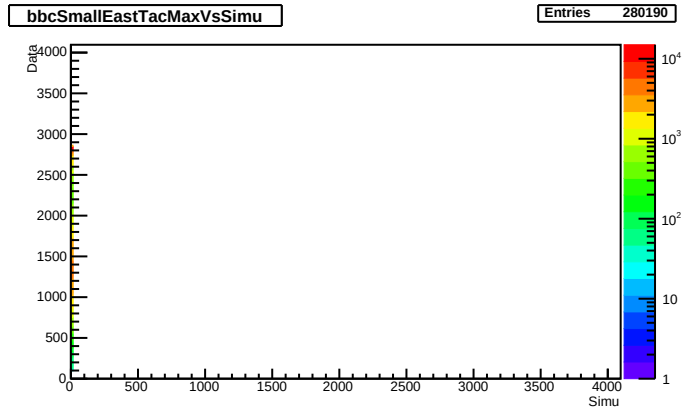

EQ3 QTC
Entries 3.825494e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.825494e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 398489


bbcSmallEastAdcSumVsSimu
Entries 280190
Data
Simu


bbcSmallEastTacMax
Entries 398489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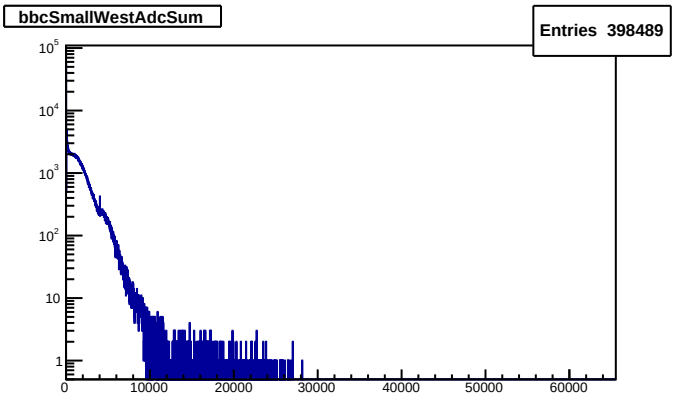
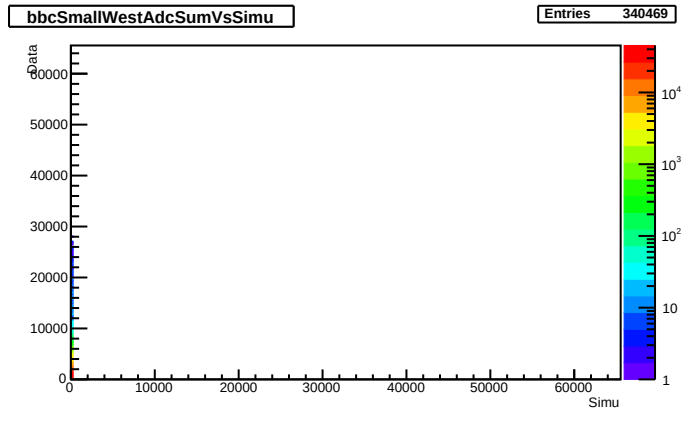
Entries 280190
Data
Simu


bbcSmallWestAdcSum
Entries 398489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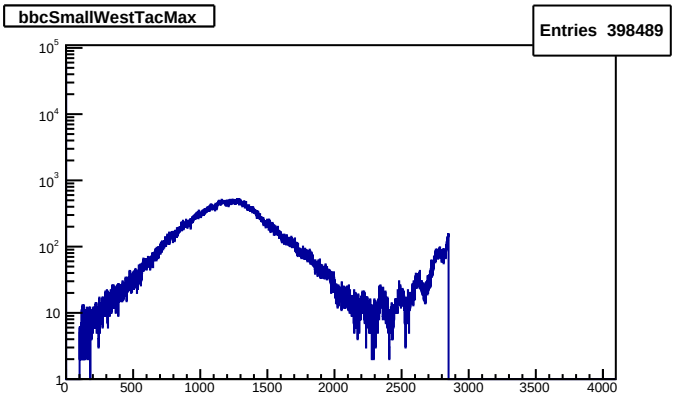
Entries 340469
Data
Simu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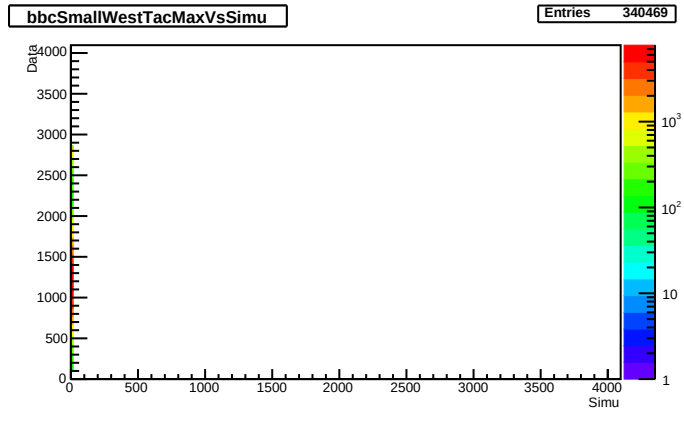
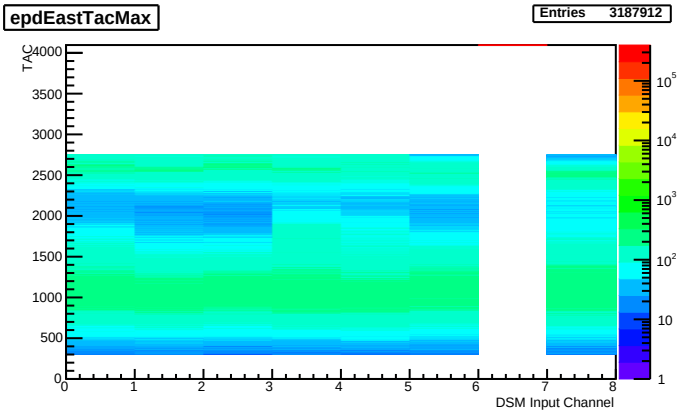
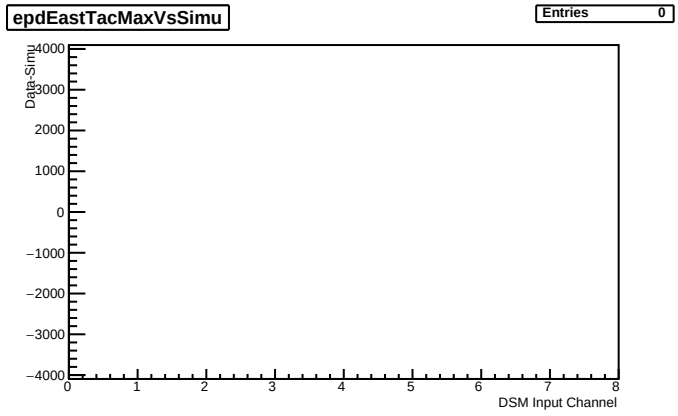
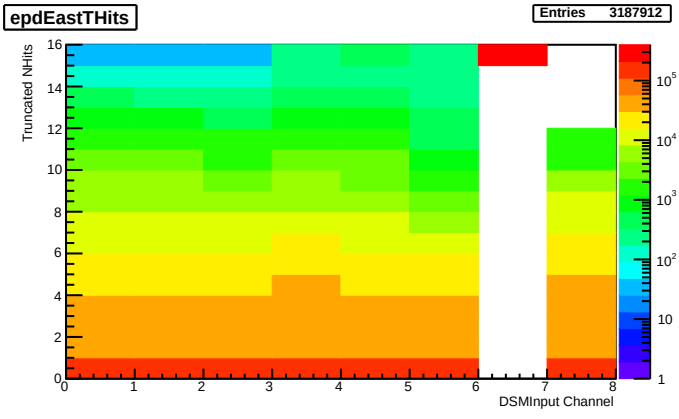
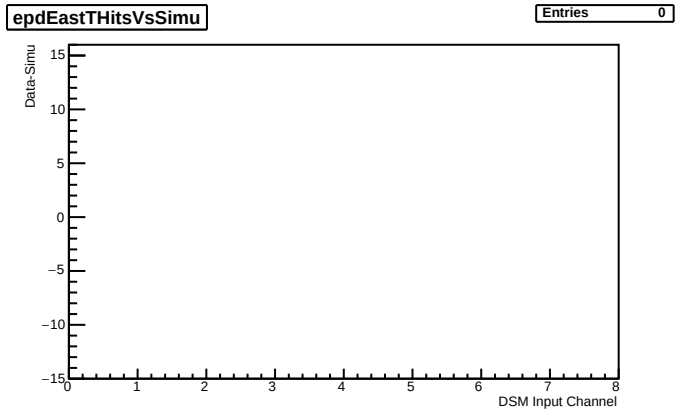
Entries 398489


bbcSmallWestTacMaxVsSimu
Entries 340469
Data
Simu


epdEastTacMax
Entries 3187912
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3187912
Truncated NHits
DSMInput Channel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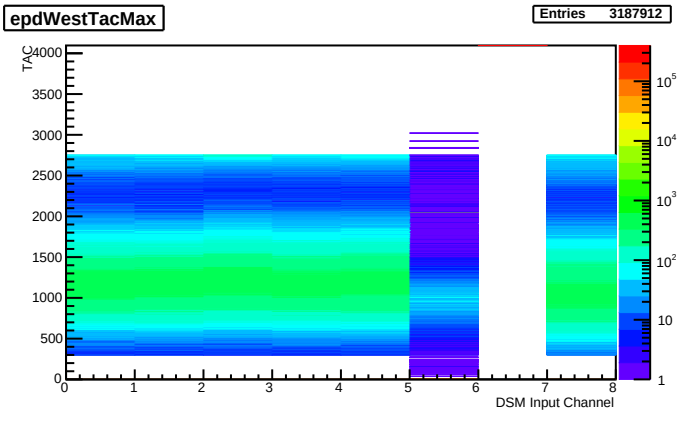
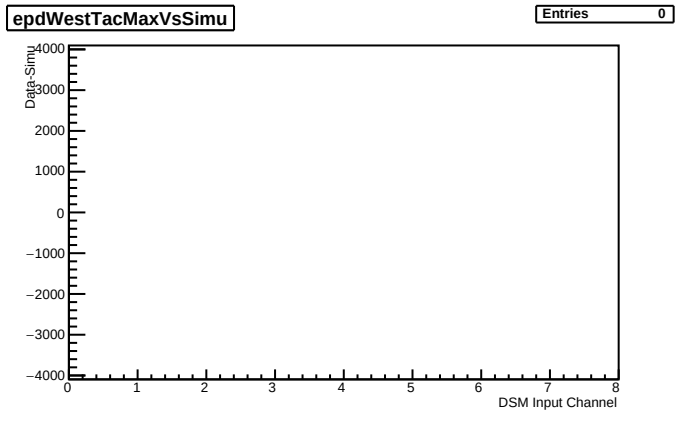
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3187912
TAC
DSM Input Channel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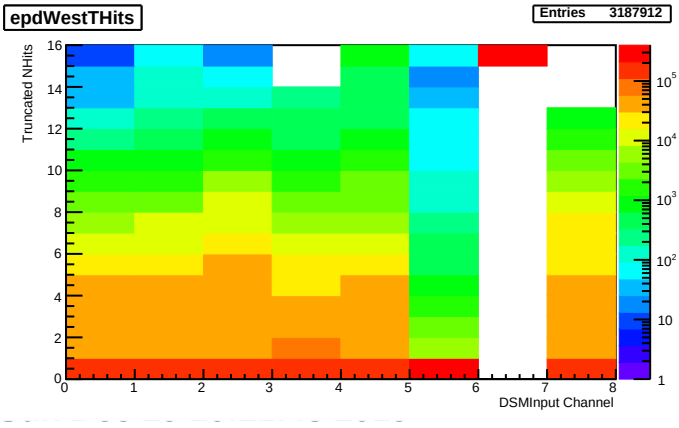
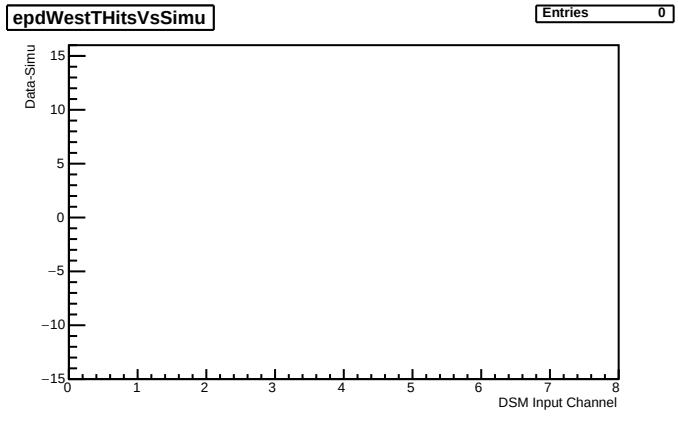
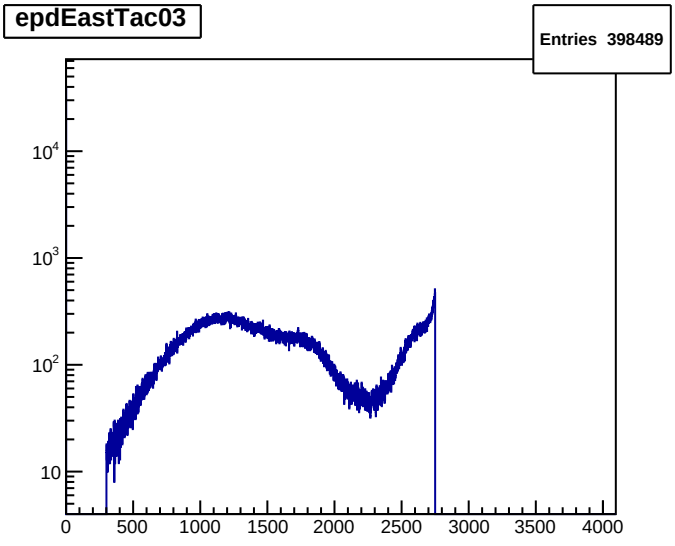
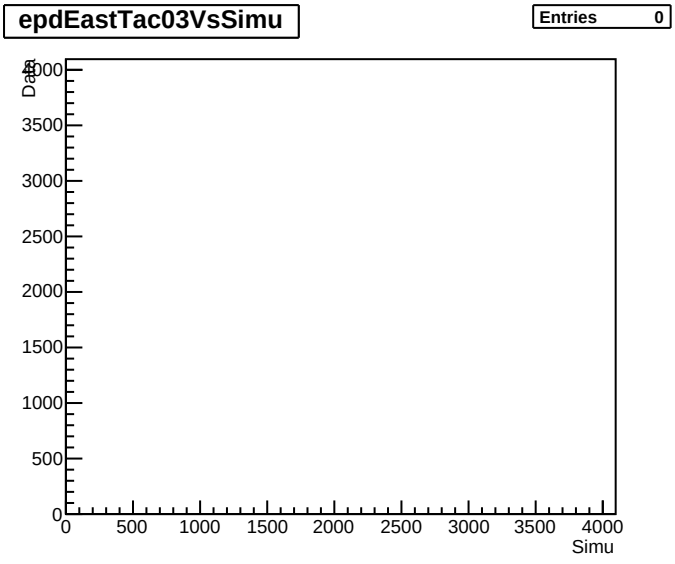
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3187912
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 398489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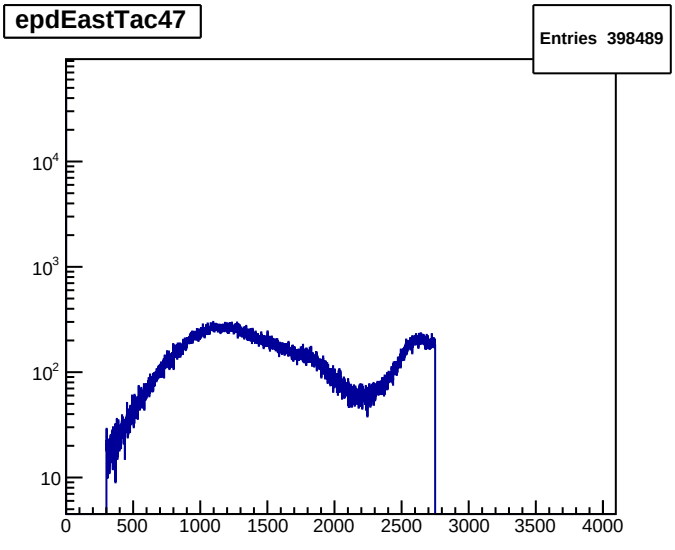
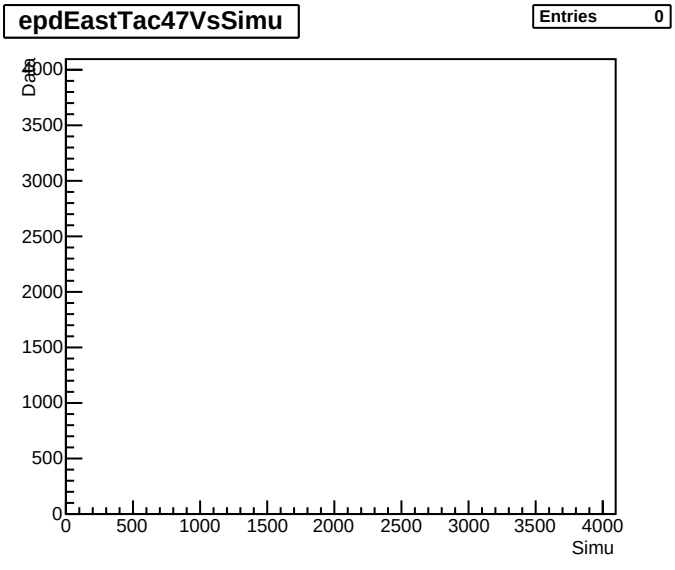
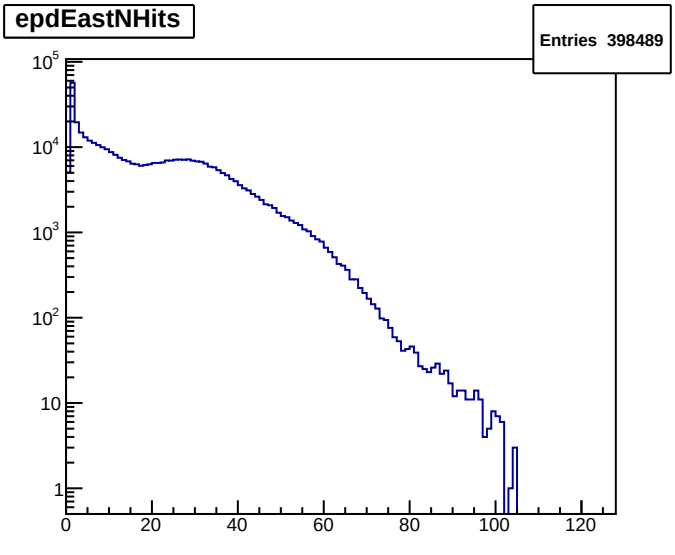
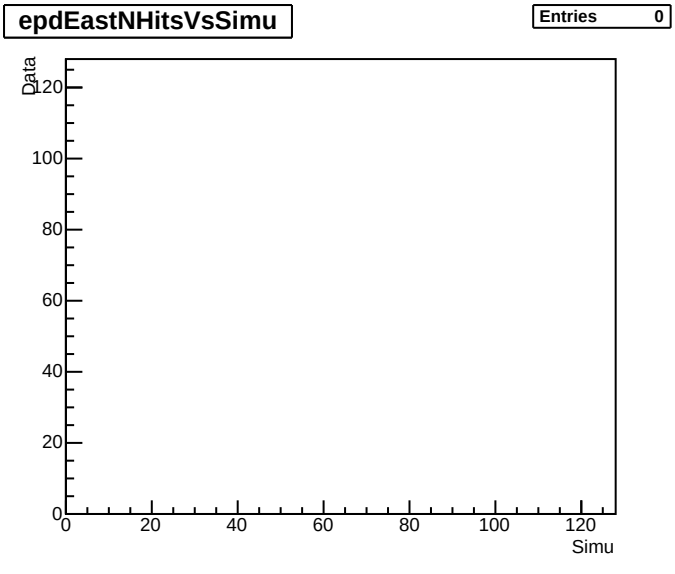
Entries 0
Data
Simu


epdEastTac47
Entries 398489


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 398489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Entries 0
Data
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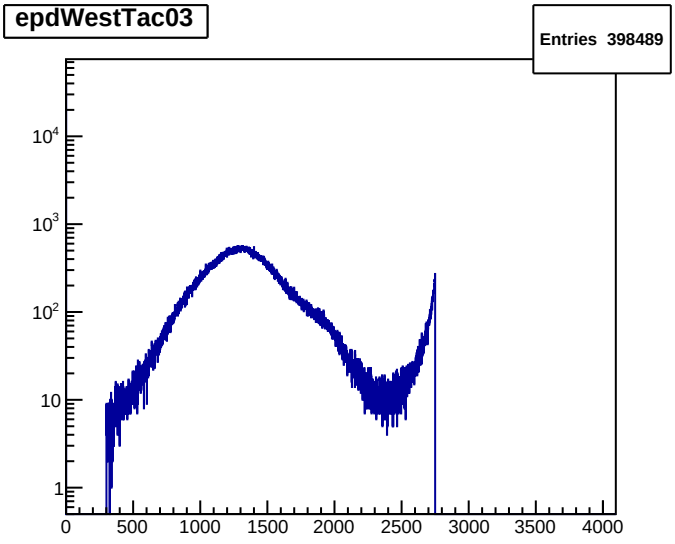
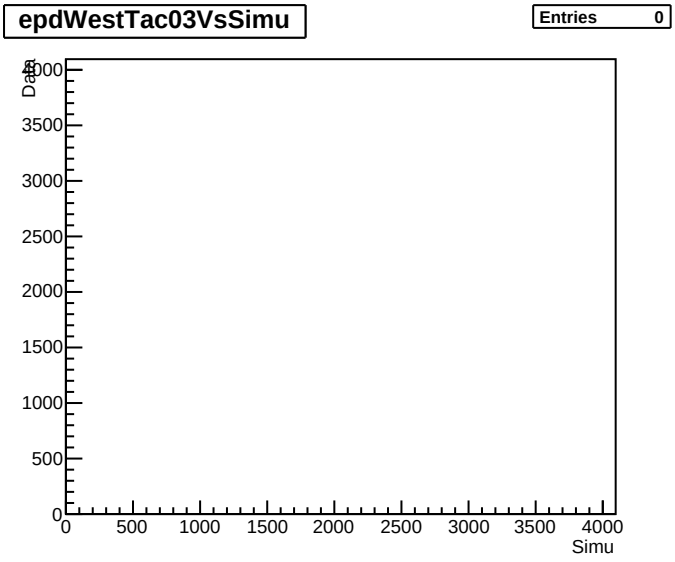

epdWestTac03
Entries 398489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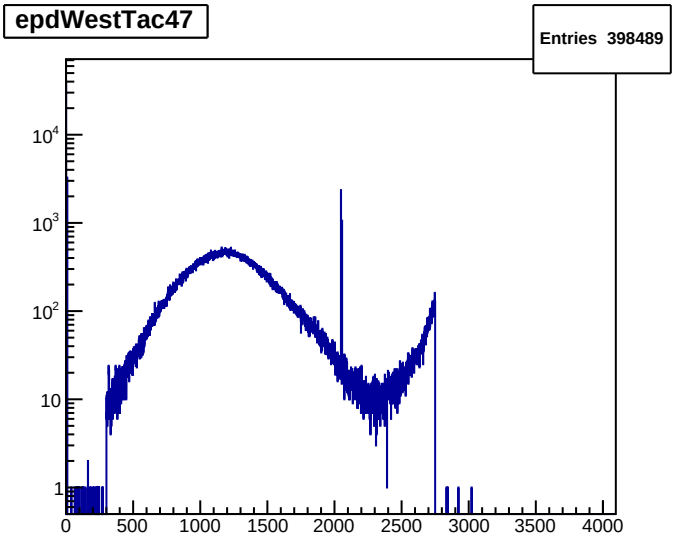
Entries 0
Data
Simu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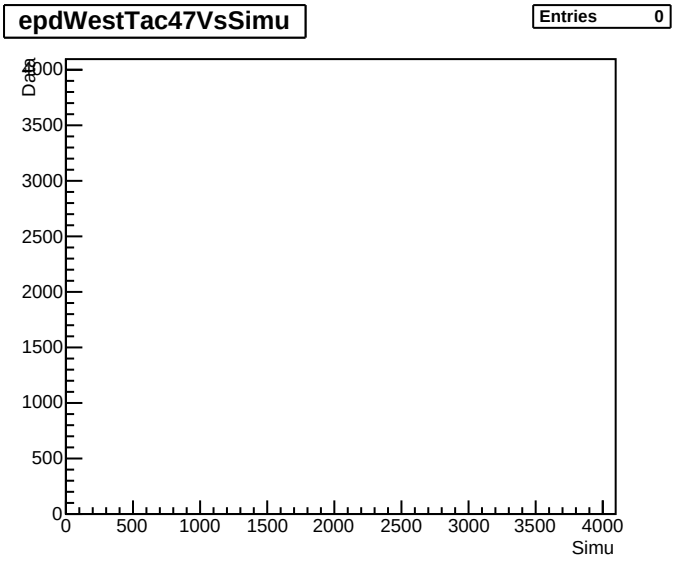
Entries 398489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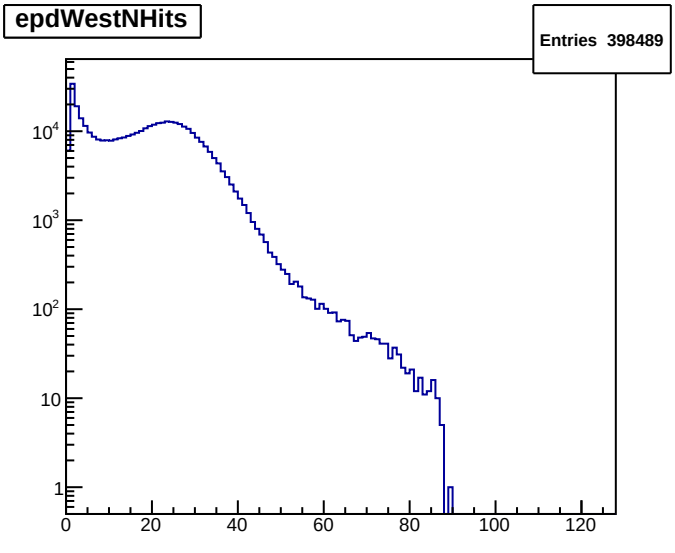
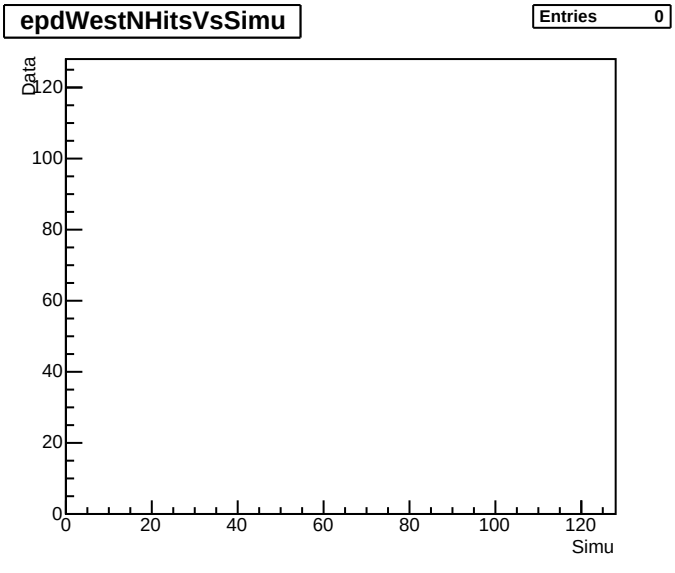
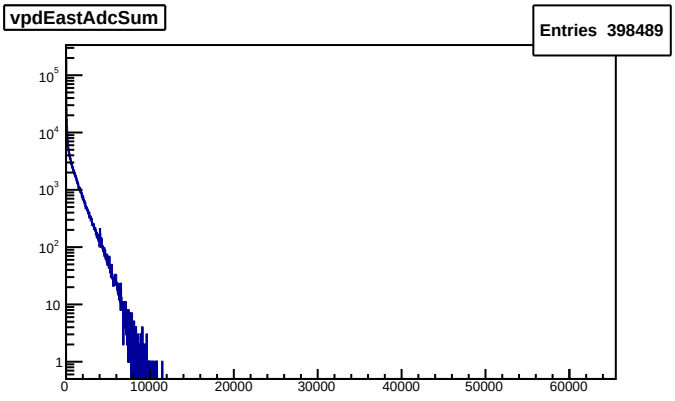
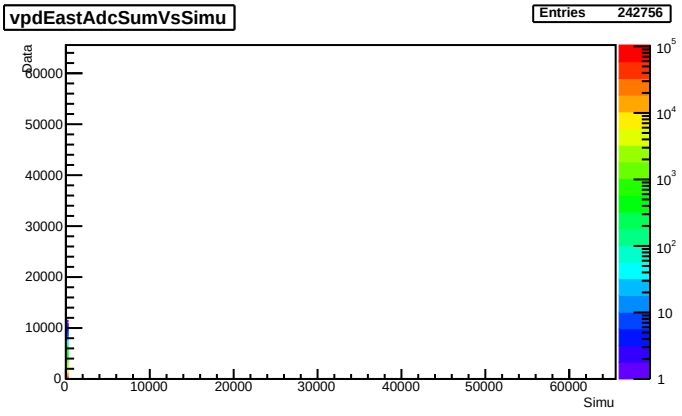
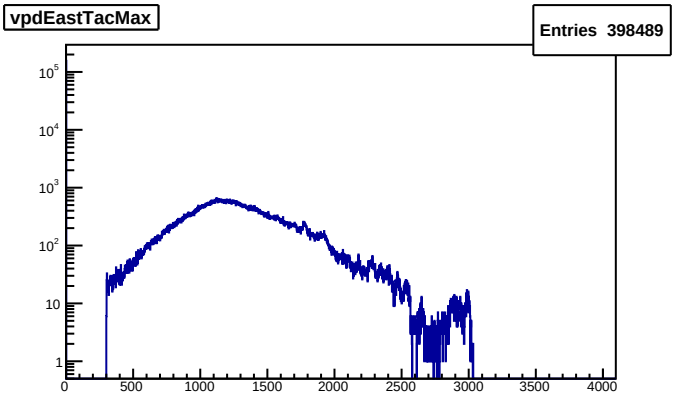
Entries 0
Data
Simu

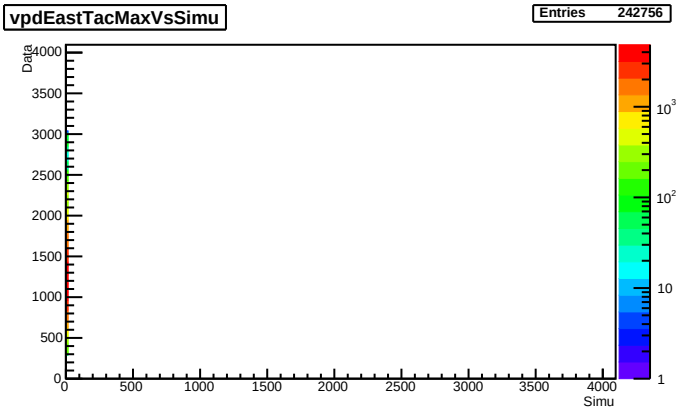

epdWestNHits
Entries 398489

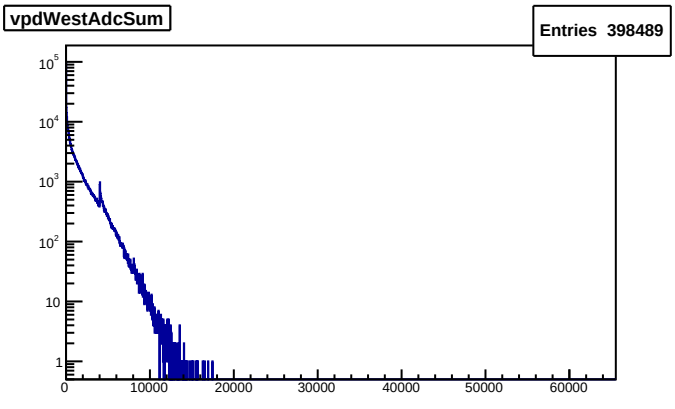

epdWestNHitsVsSimu
Entries 0
Data
Simu

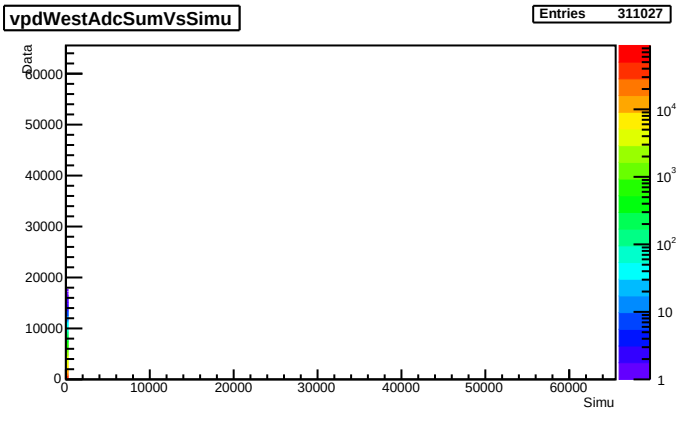

vpdEastAdcSum
Entries 398489

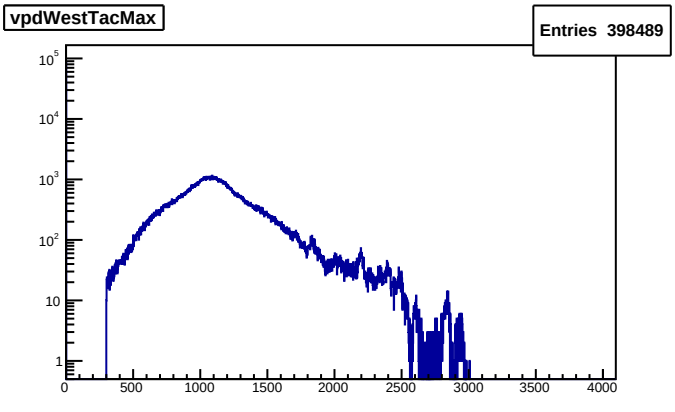

vpdEastAdcSumVsSimu
Entries 242756
Data
Simu

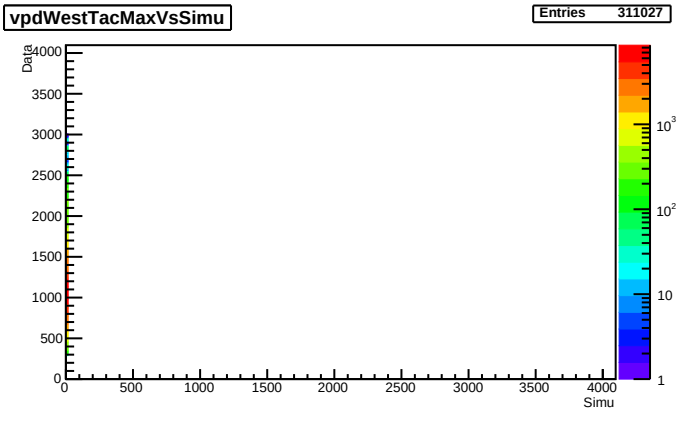

vpdEastTacMax
Entries 398489

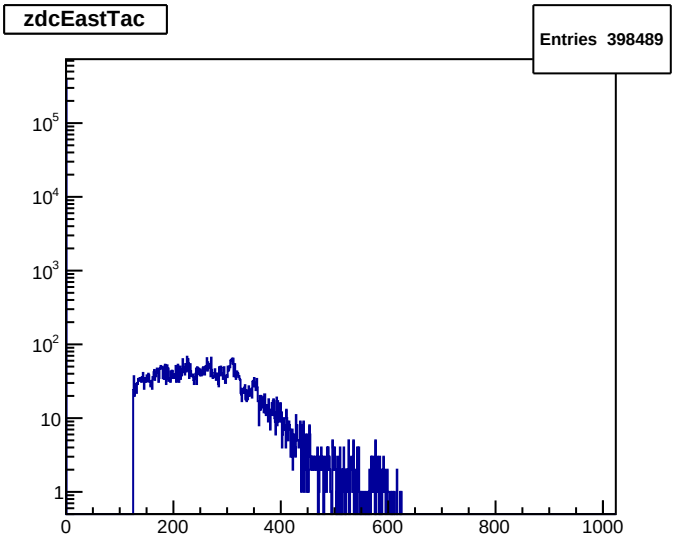

vpdEastTacMaxVsSimu
Entries 242756
Data
Simu

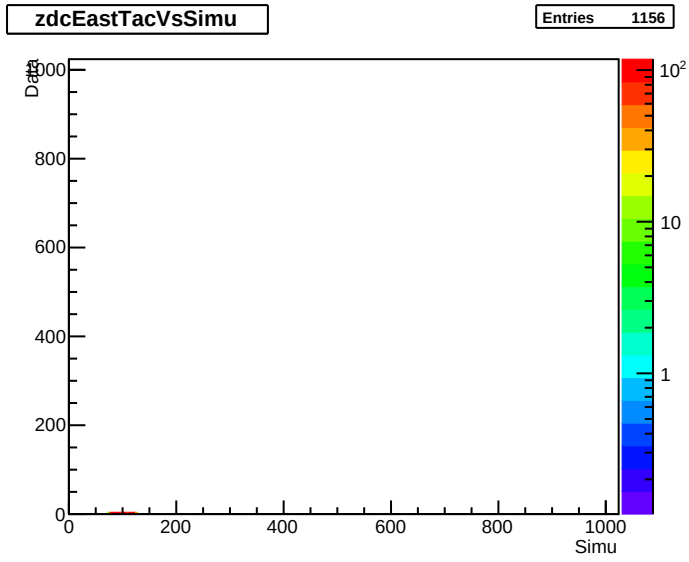

vpdWestAdcSum
Entries 398489

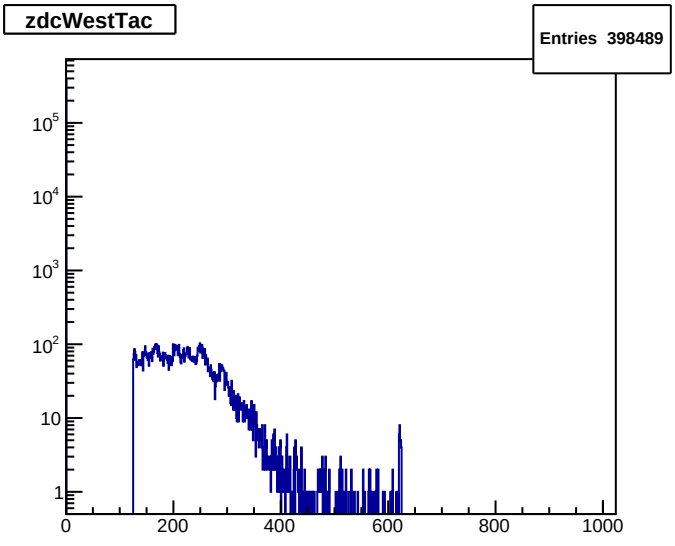

vpdWestAdcSumVsSimu
Entries 311027
Data
Simu

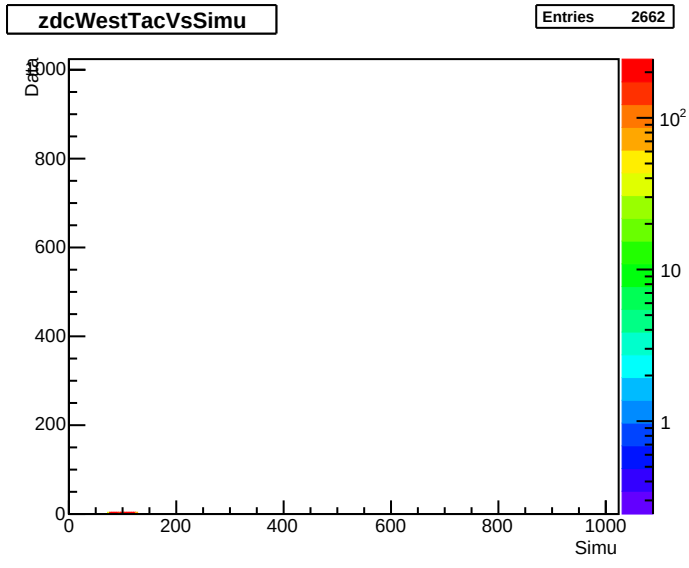

vpdWestTacMax
Entries 398489

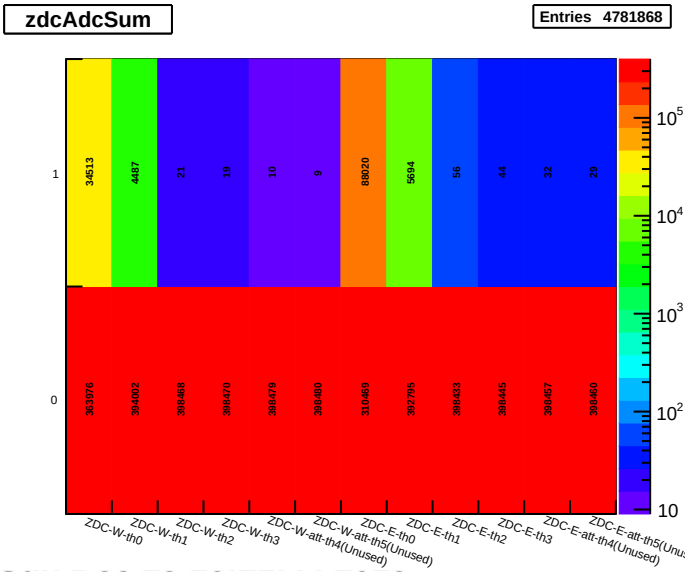

vpdWestTacMaxVsSimu
Entries 311027
Data
Simu

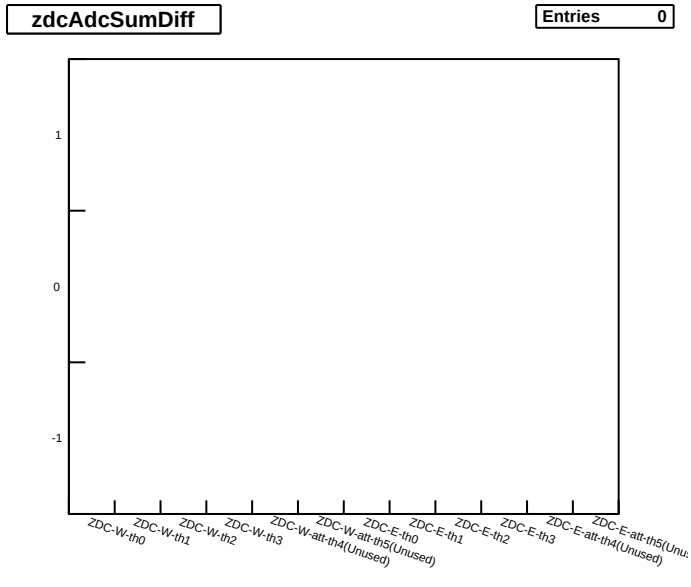

zdcEastTac
Entries 398489

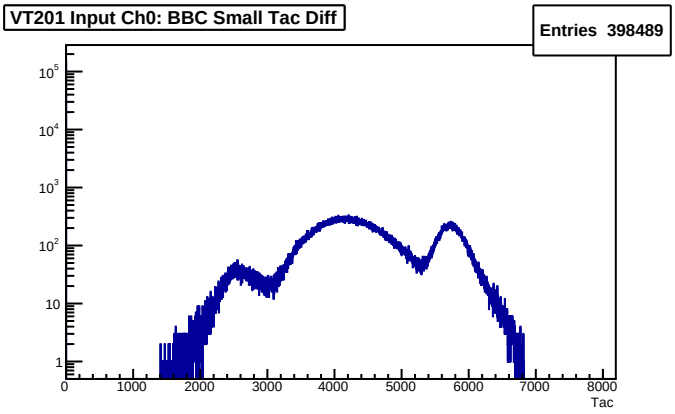

zdcEastTacVsSimu
Entries 1156
Data
Simu

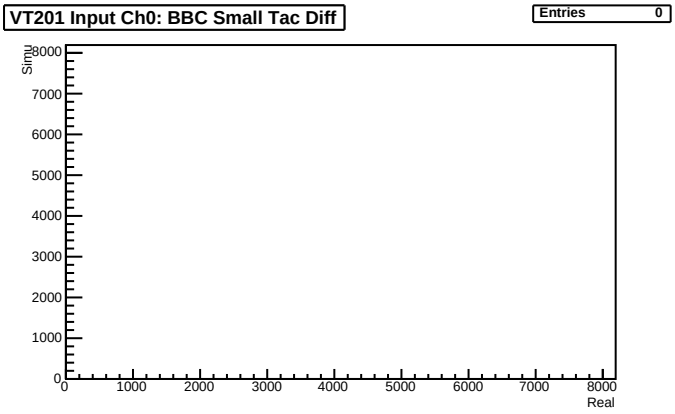

zdcWestTac
Entries 398489

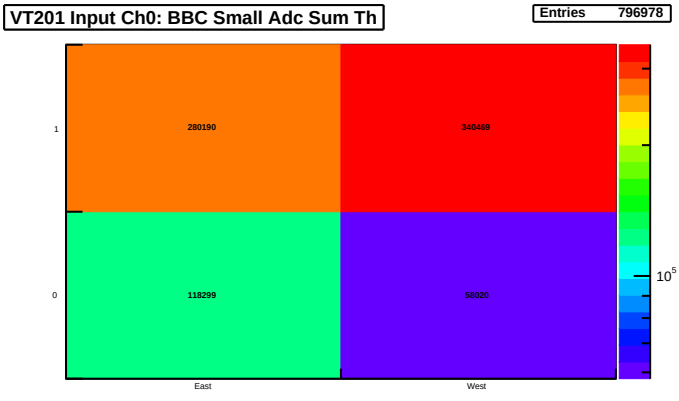

zdcWestTacVsSimu
Entries 2662
Data
Simu

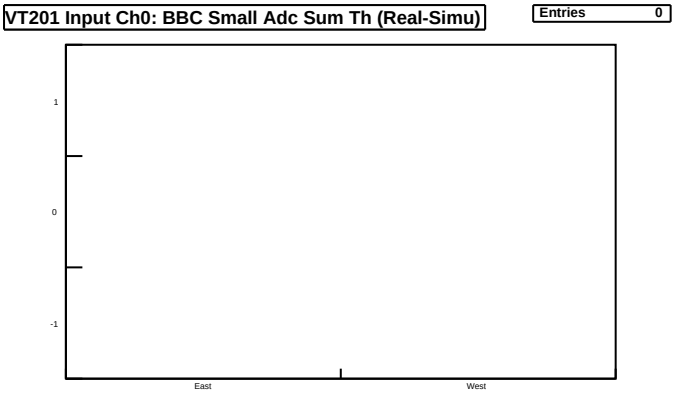

zdcAdcSum
Entries 4781868
34513
4487
21
19
10
9
88020
5694
56
44
32
29
363976
394002
398468
398470
398479
398480
310469
392795
398433
398445
398457
398460
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

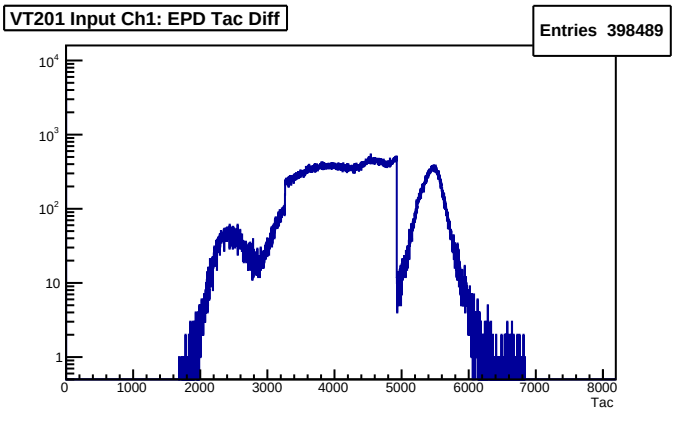

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

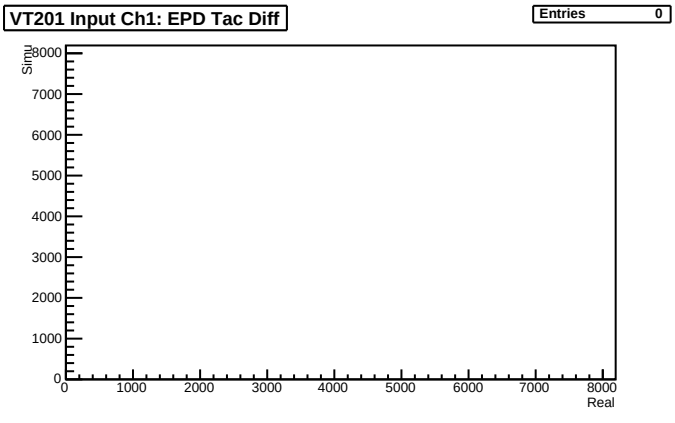

VT201 Input Ch0: BBC Small Tac Diff
Entries 398489
Tac

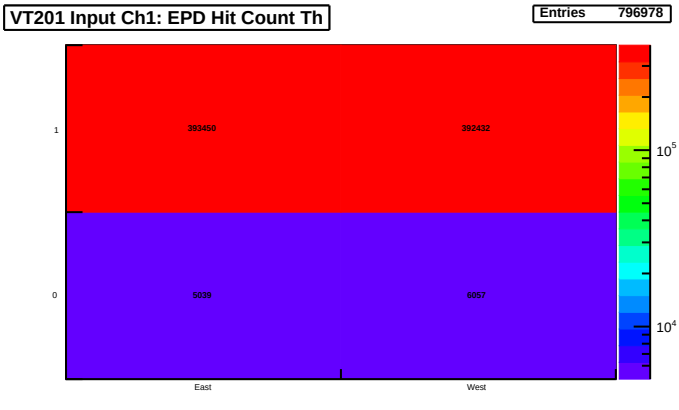

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

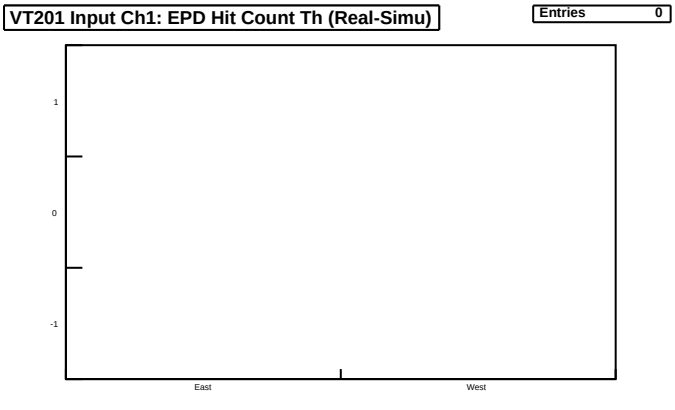

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 796978
280190
340469
118299
58020
East
West

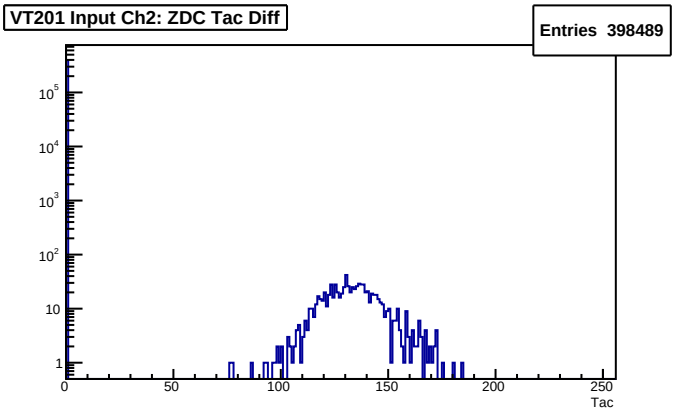

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

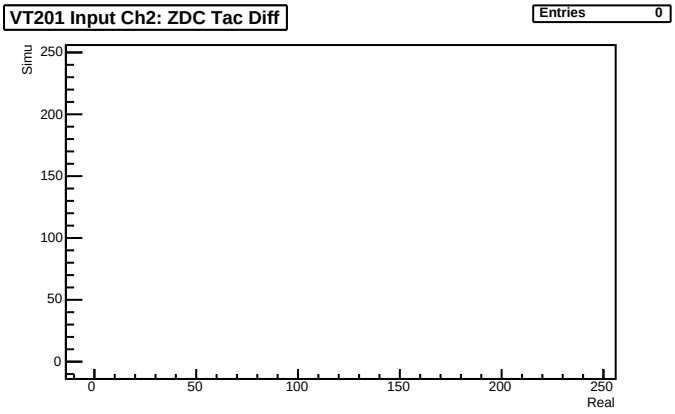

VT201 Input Ch1: EPD Tac Diff
Entries 398489
Tac

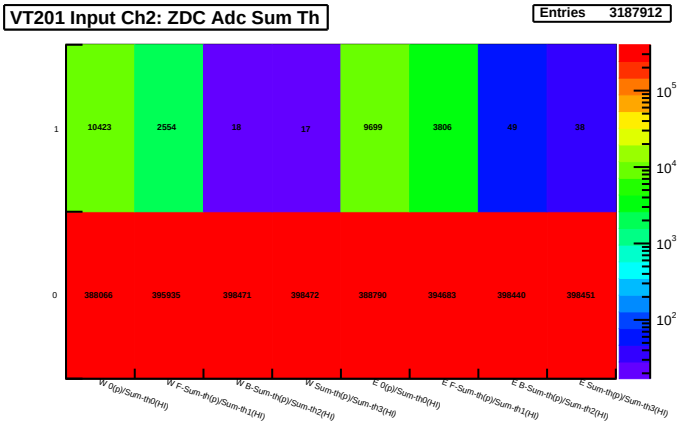

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

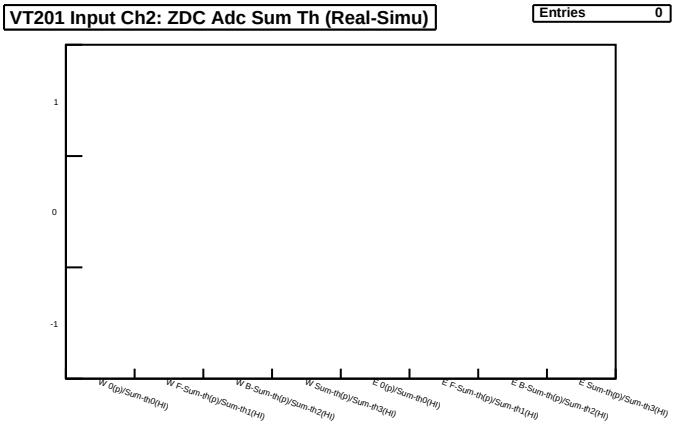

VT201 Input Ch1: EPD Hit Count Th
Entries 796978
393450
392432
5039
6057
East
West

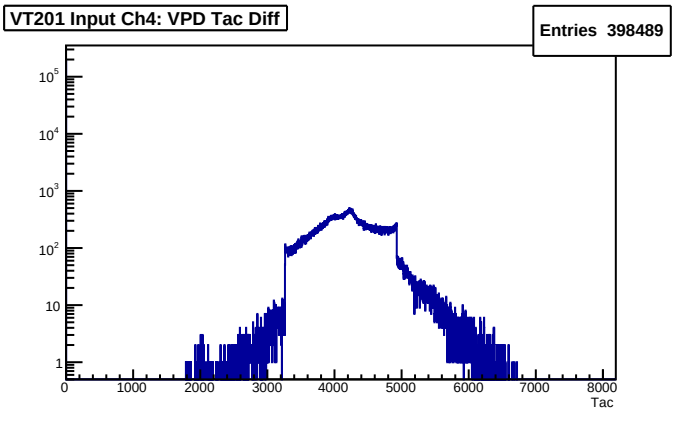

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

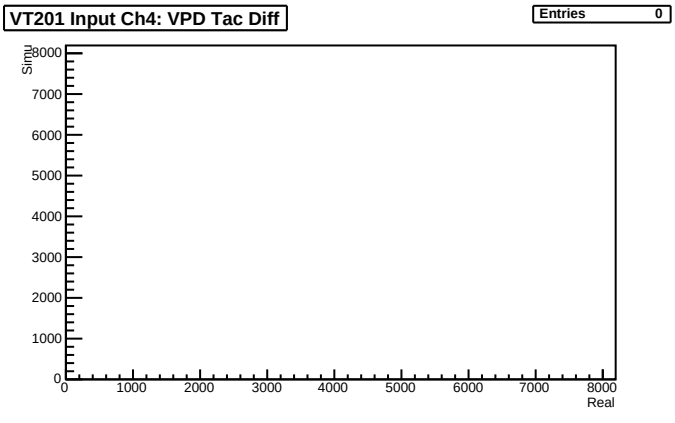

VT201 Input Ch2: ZDC Tac Diff
Entries 398489
Tac

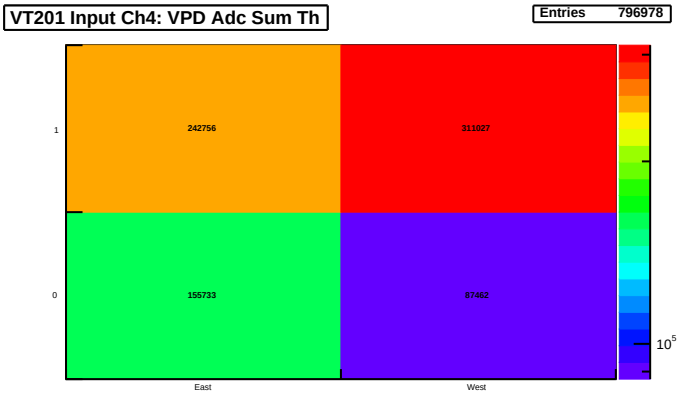

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

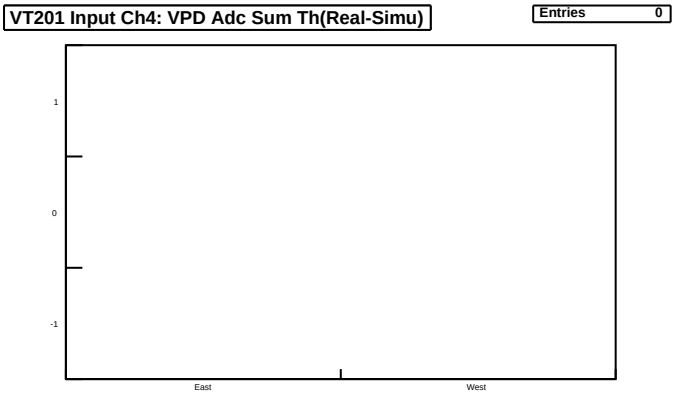

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3187912
10423
2554
18
17
9699
3806
49
38
388066
395935
398471
398472
388790
394683
398440
398451
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

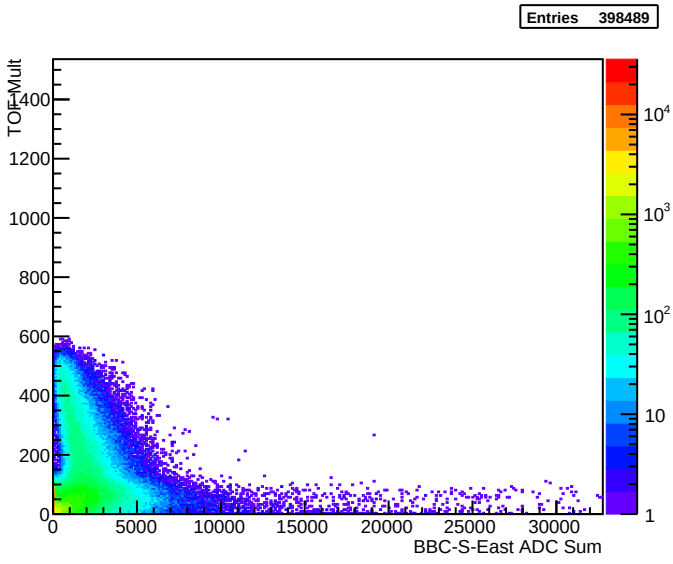

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

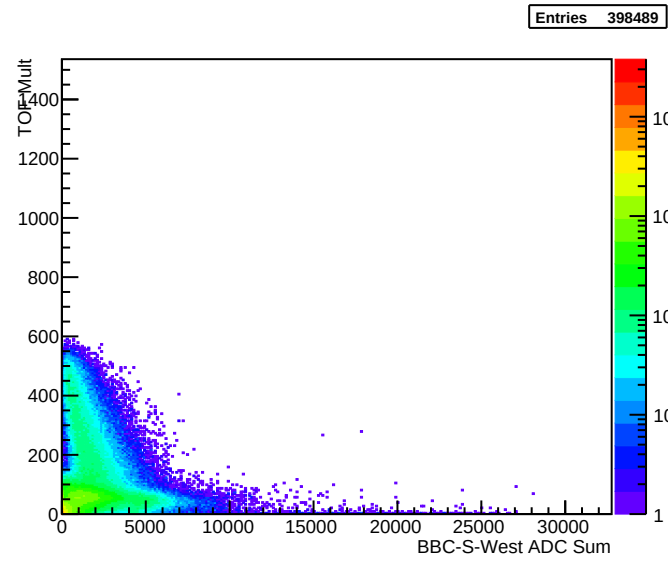

VT201 Input Ch4: VPD Tac Diff
Entries 398489
Tac

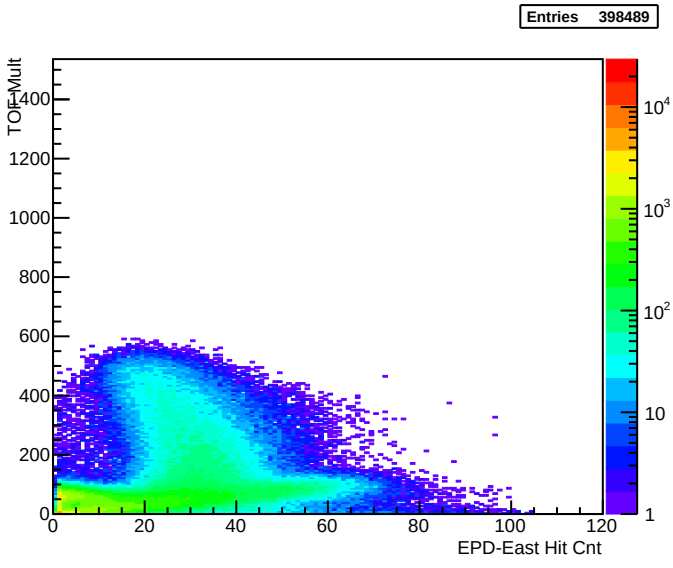

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

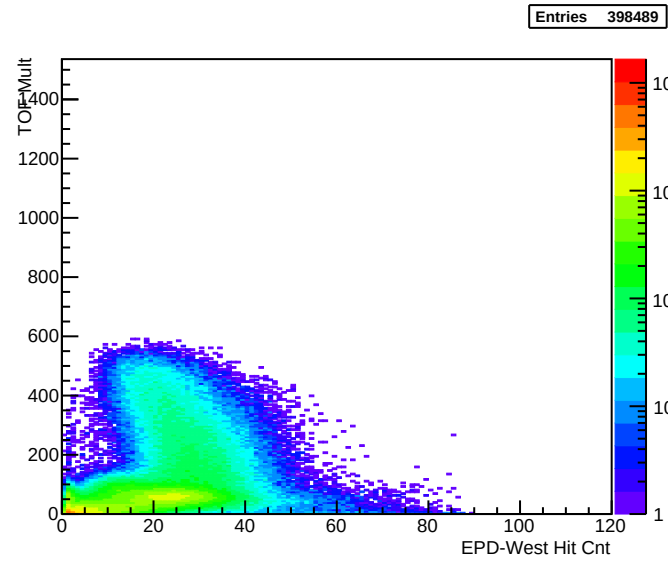

VT201 Input Ch4: VPD Adc Sum Th
Entries 796978
242756
311027
155733
87462
East
West

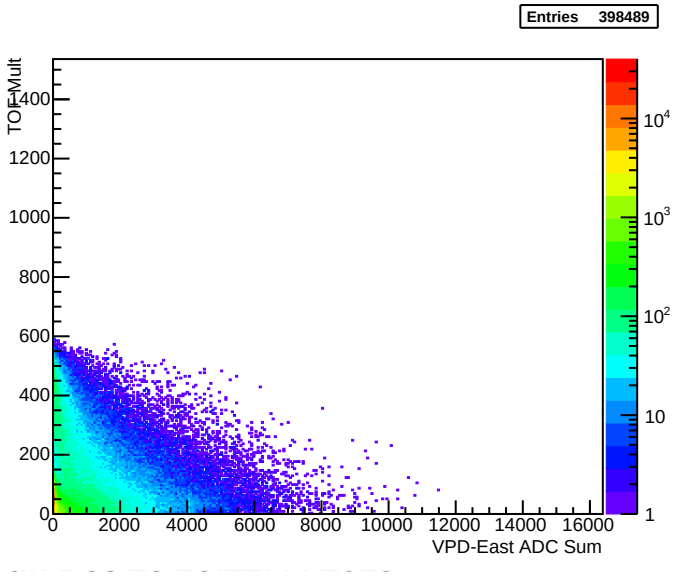

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

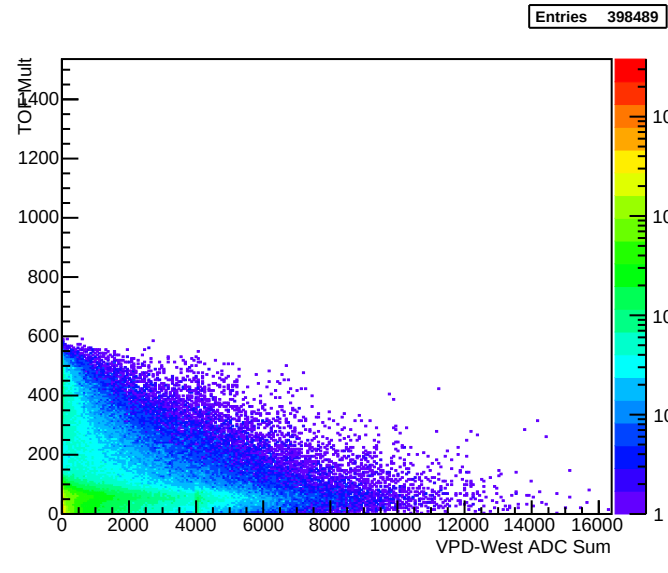

Entries 398489
TOF-Mult
BBC-S-East ADC Sum

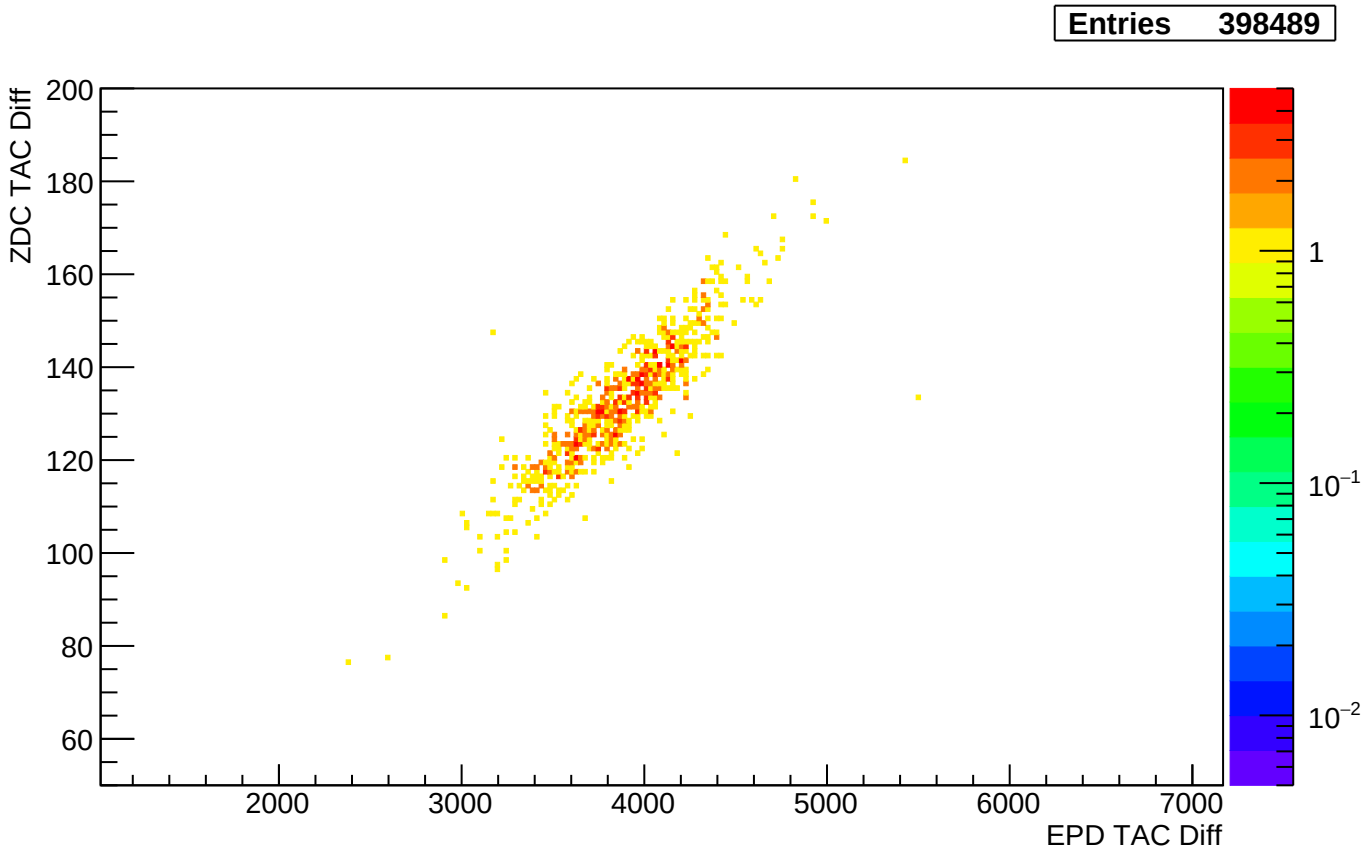

Entries 398489
TOF-Mult
BBC-S-West ADC Sum

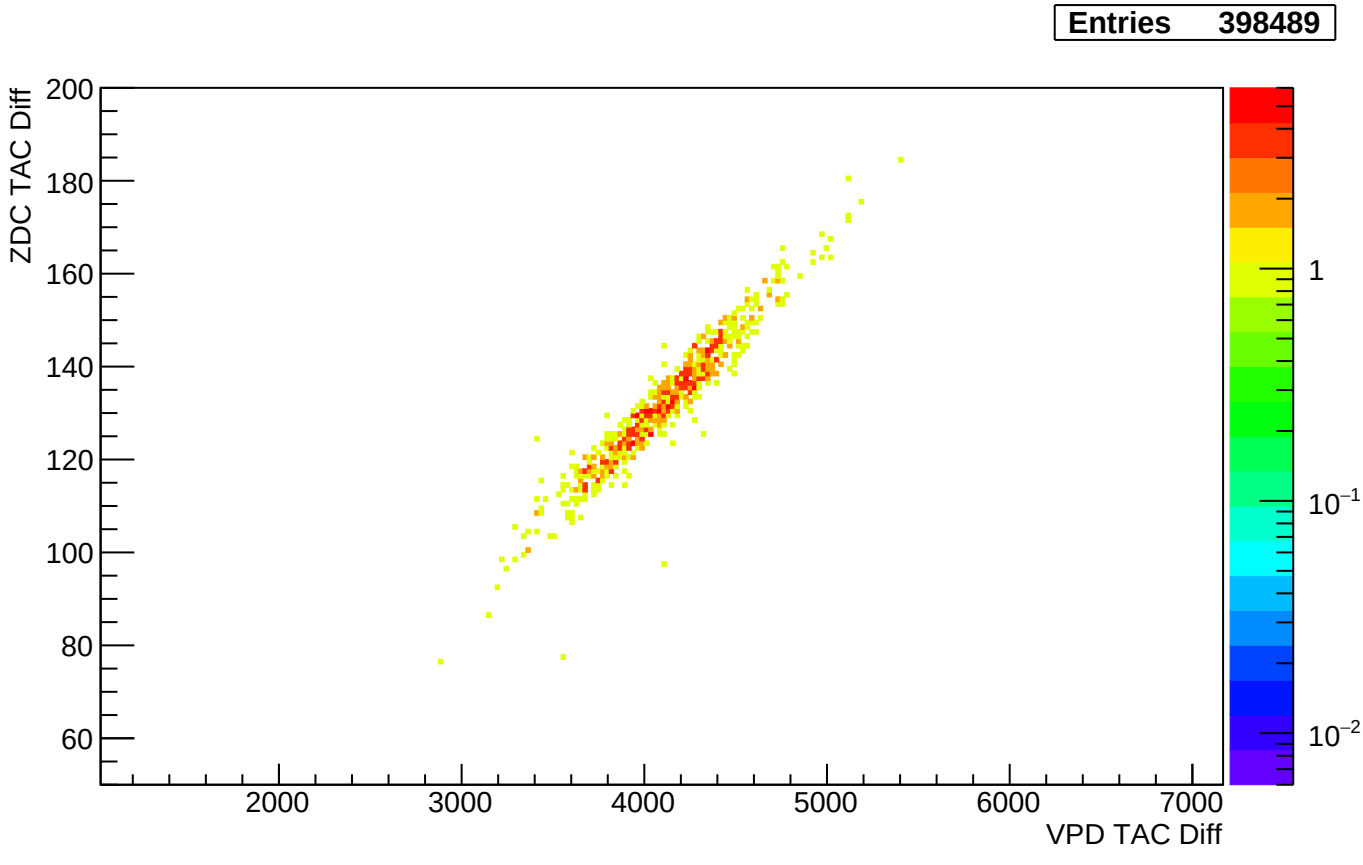

Entries 398489
TOF-Mult
EPD-East Hit Cnt

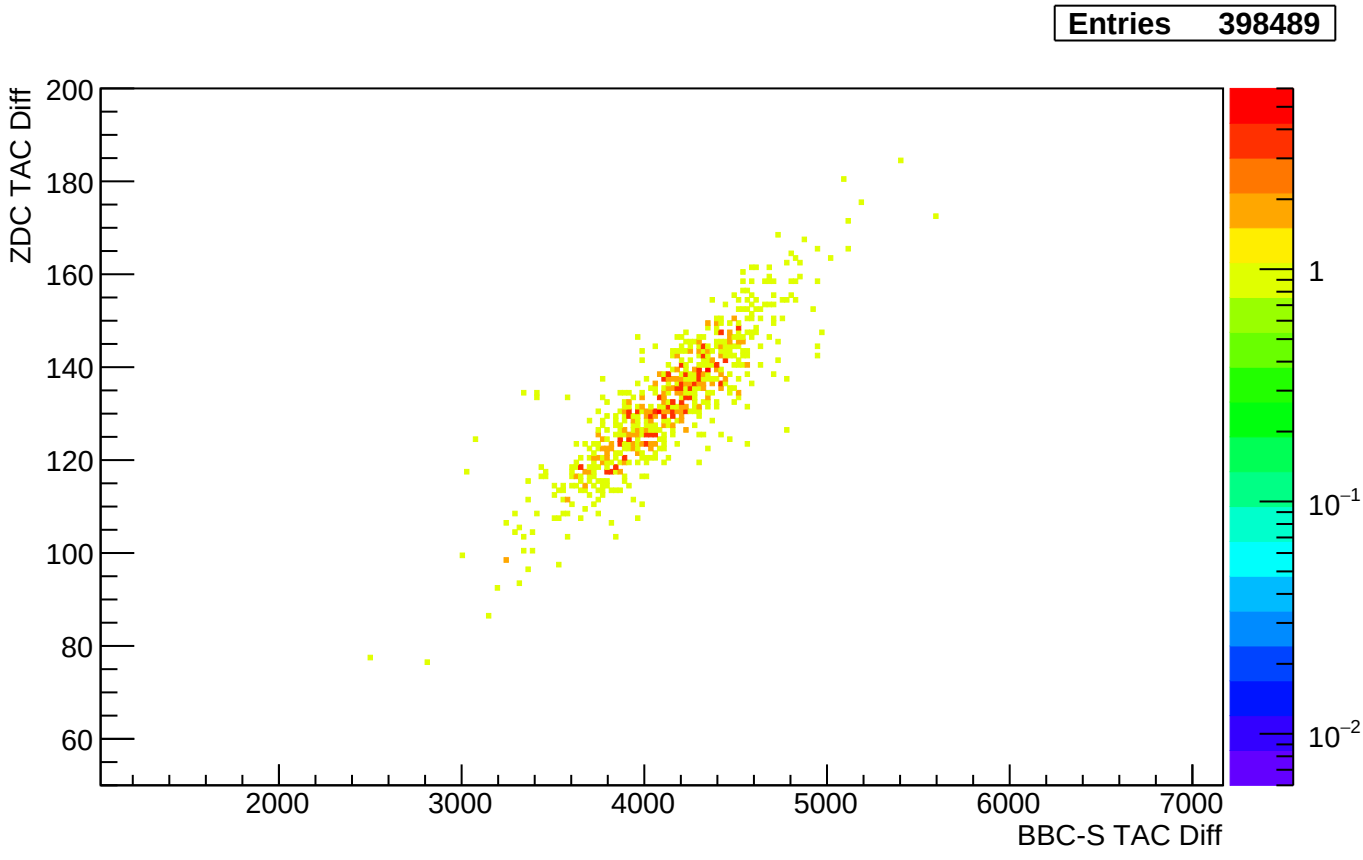

Entries 398489
TOF-Mult
EPD-West Hit Cnt

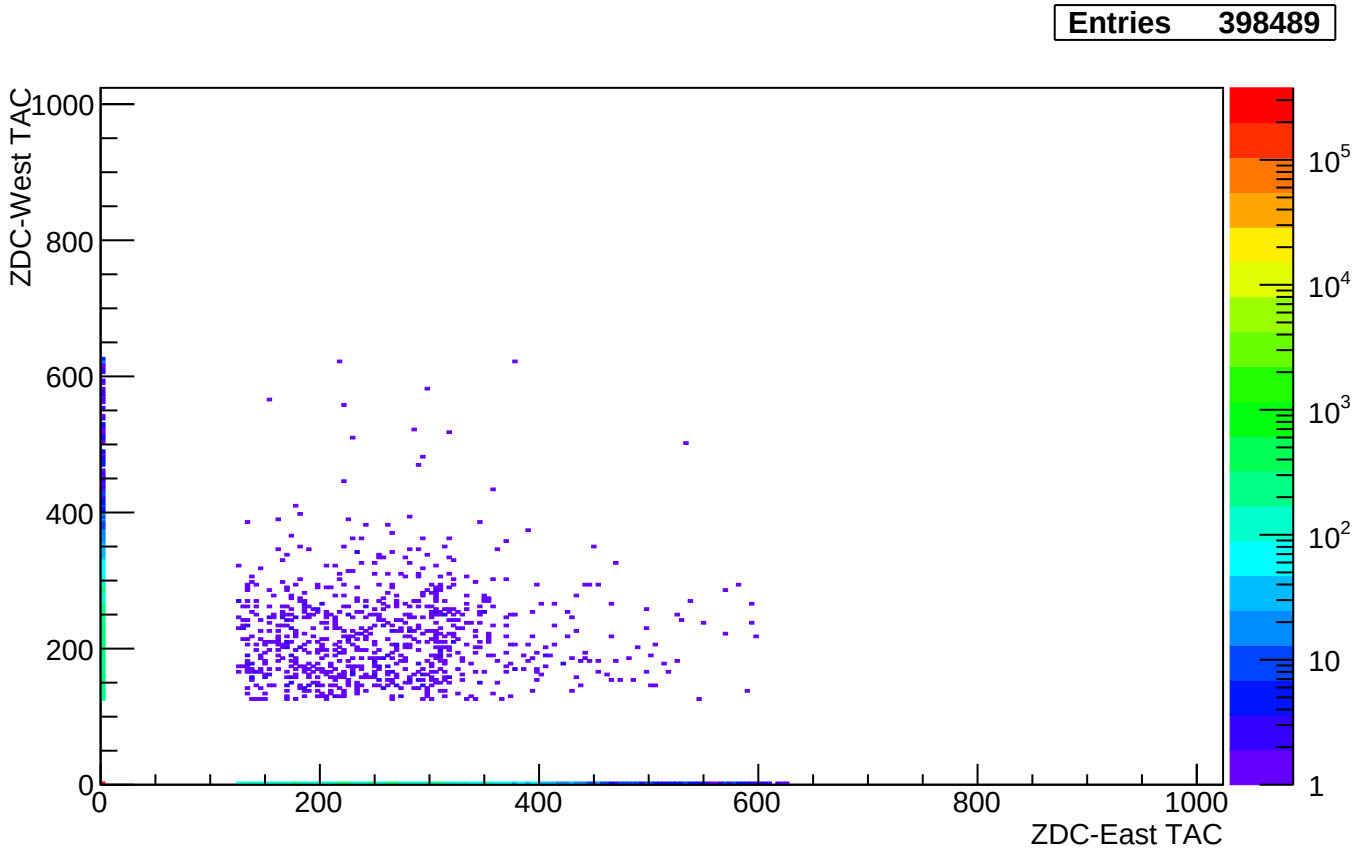

Entries 398489
TOF-Mult
VPD-East ADC Sum

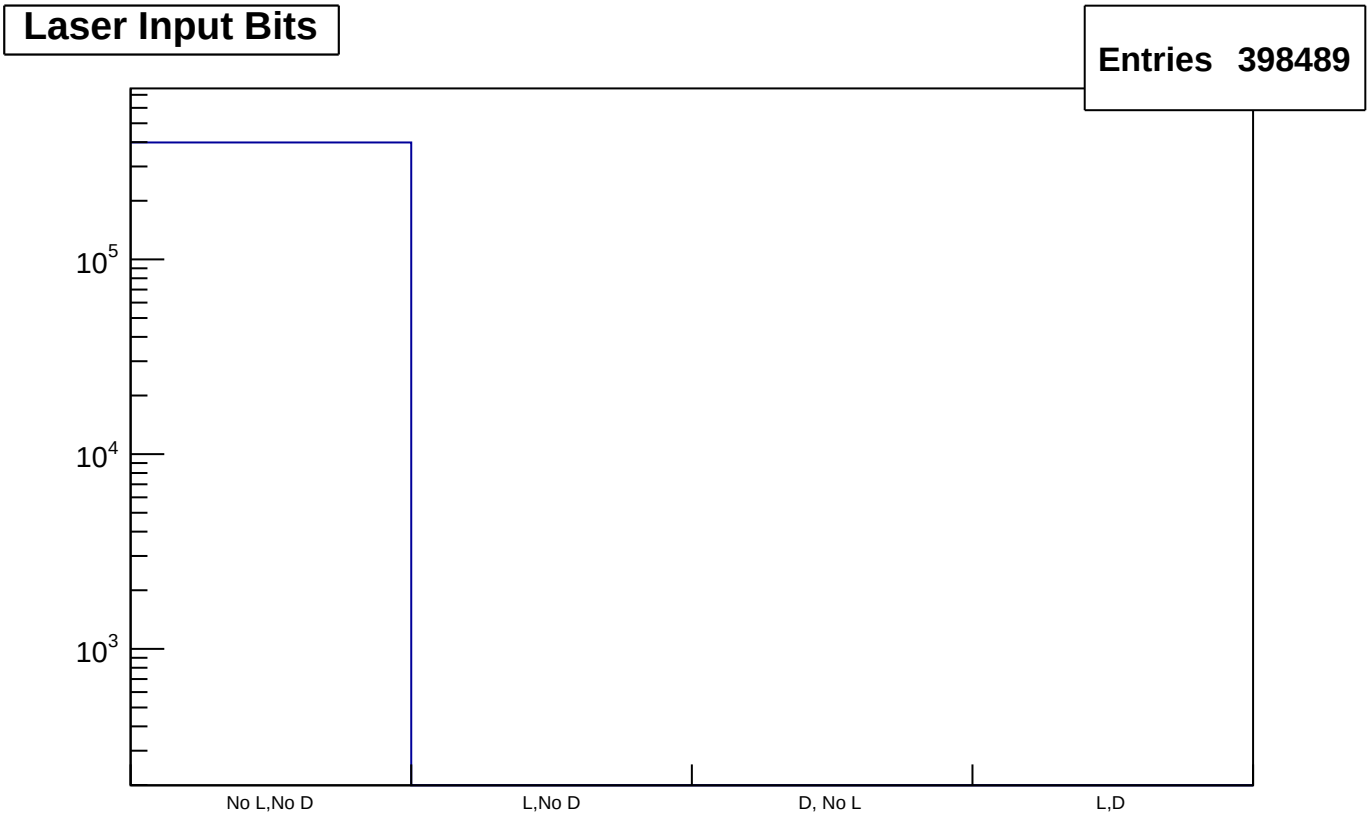

Entries 398489
TOF-Mult
VPD-West ADC Sum

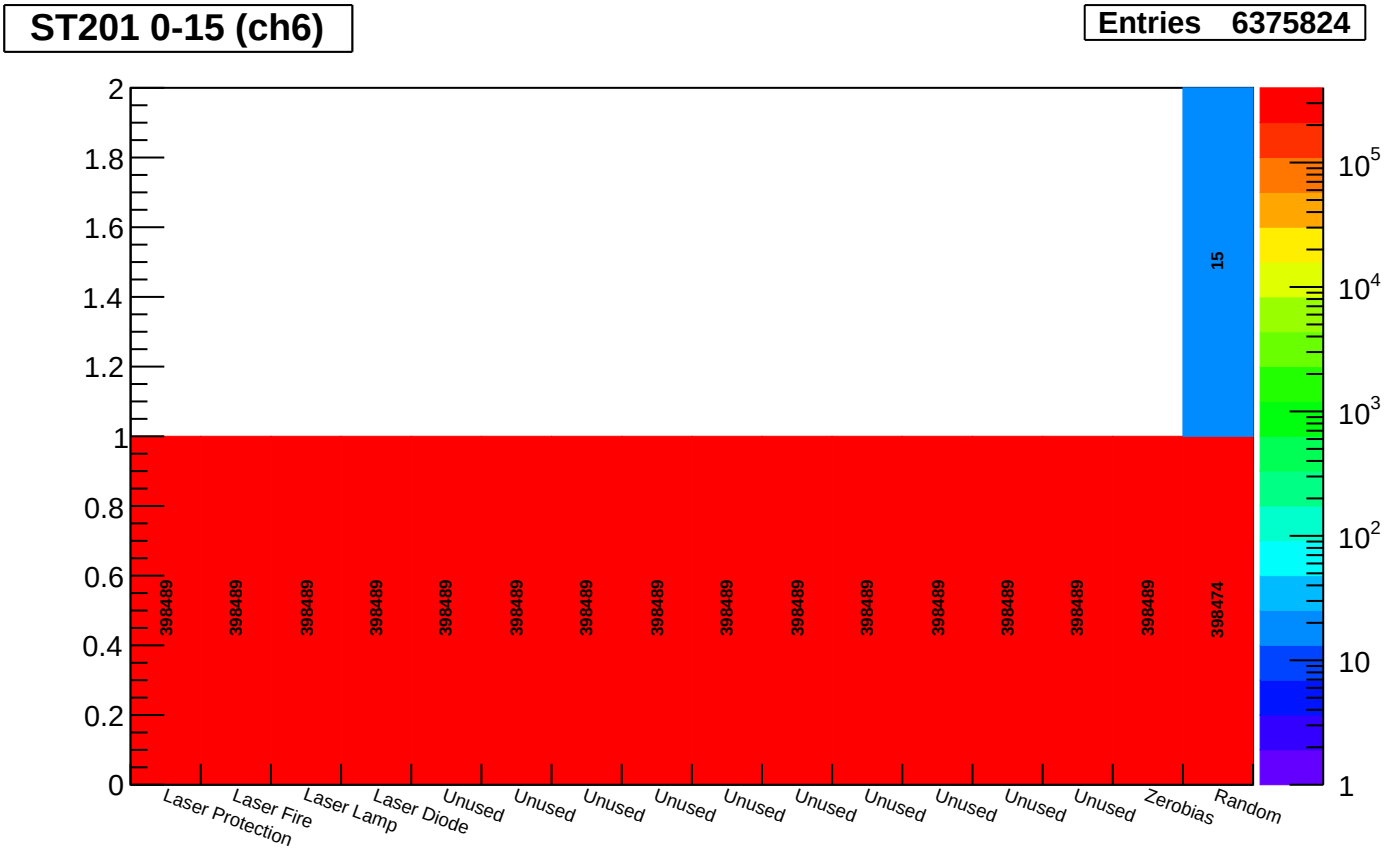

Entries 398489
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

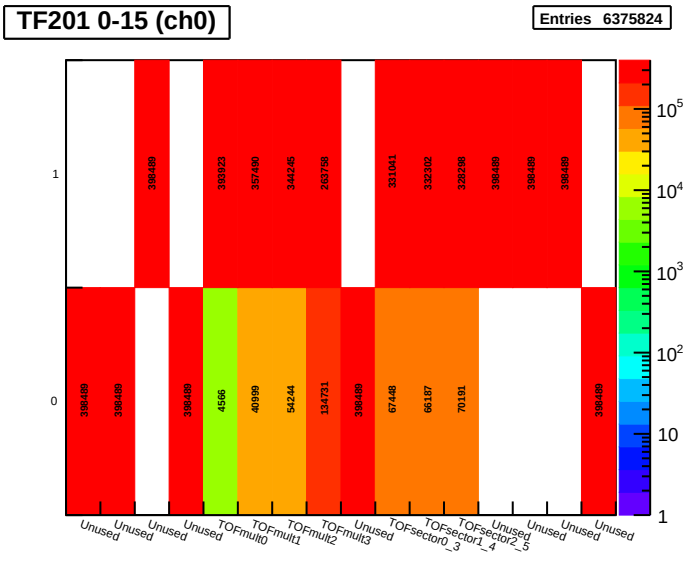

Entries 398489
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

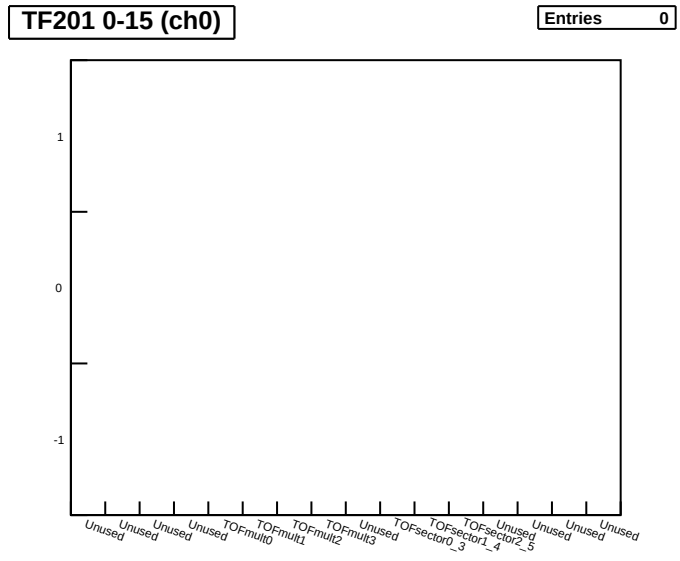

Entries 398489
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

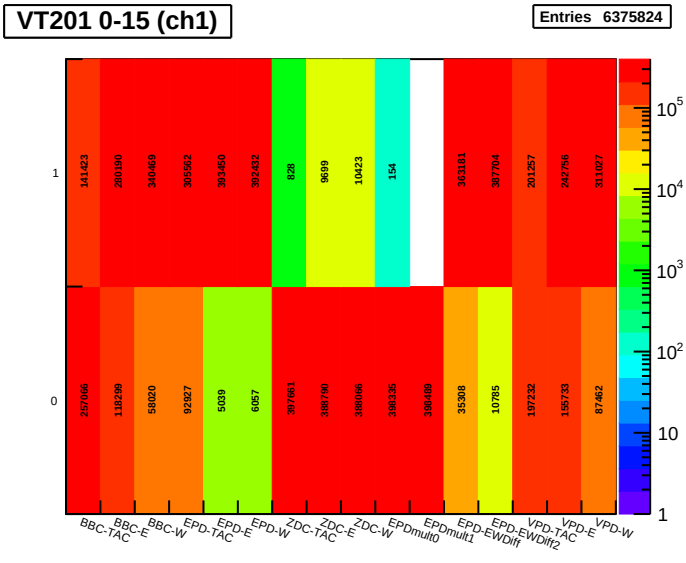

Entries 398489
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

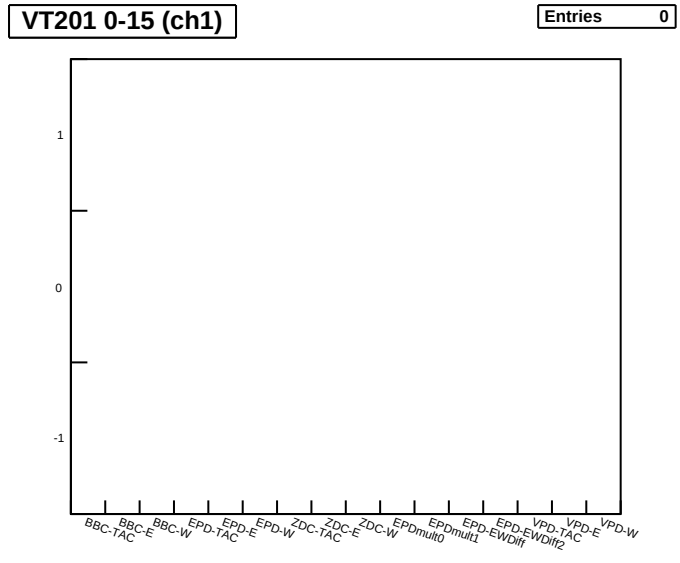

Laser Input Bits
Entries 398489
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

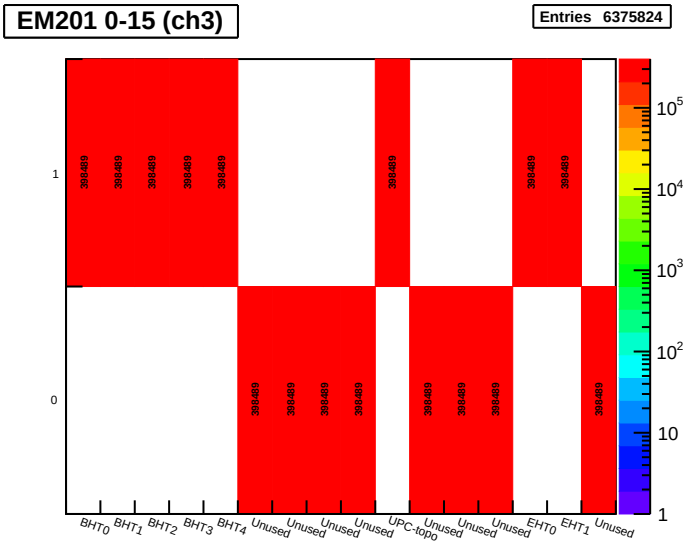

ST201 0-15 (ch6)
Entries 6375824
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
398489
398474
15
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

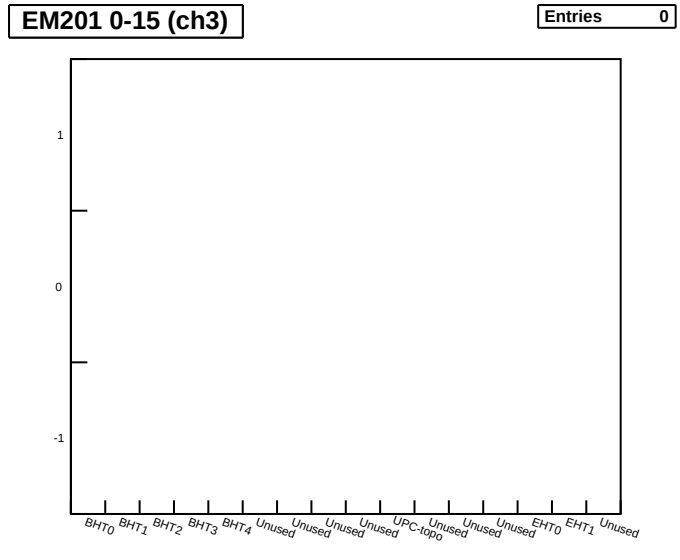

TF201 0-15 (ch0)
Entries 6375824
1
0
398489
303923
357490
344245
263758
331041
332302
328298
398489
398489
398489
398489
398489
4566
40999
54244
134731
398489
67448
66187
70191
398489
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6375824
1
0
141423
280190
340469
305562
393450
392432
828
9699
10423
154
363181
387704
201257
242756
311027
257066
118299
58020
92927
5039
6057
397661
388790
388066
398335
398489
35308
10785
197232
155733
87462
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 6375824
1
0
398489
398489
398489
398489
398489
398489
398489
398489
398489
398489
398489
398489
398489
398489
398489
398489
398489
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