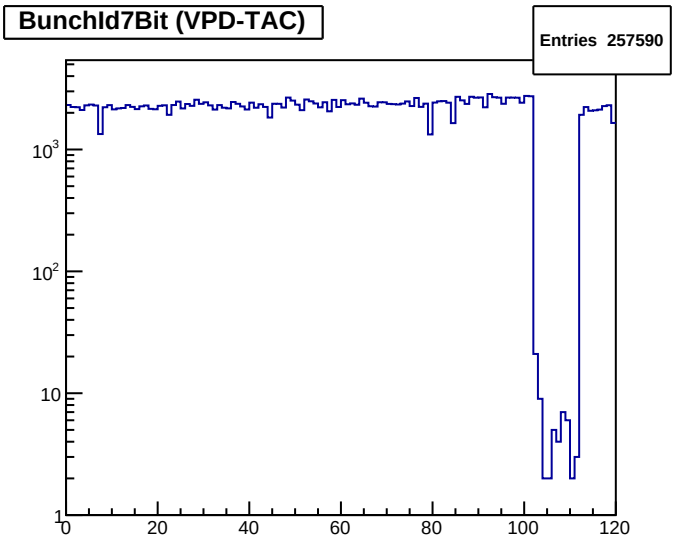
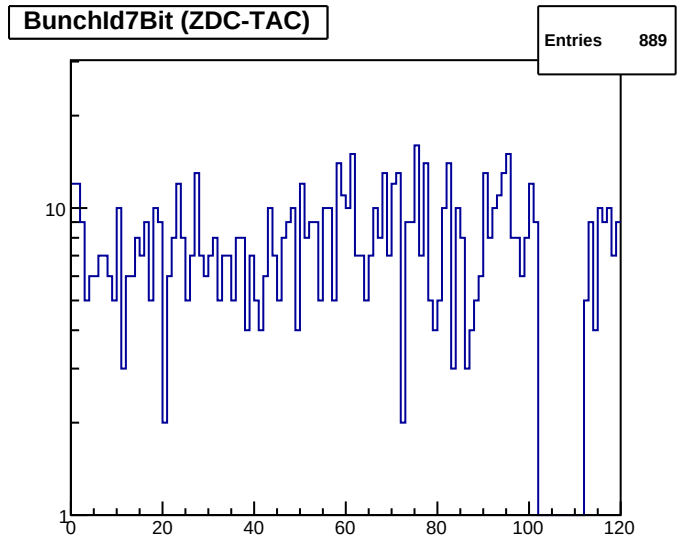
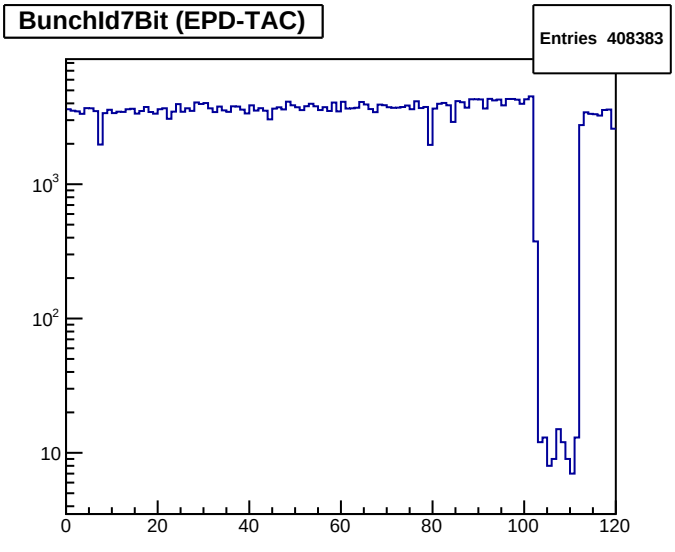
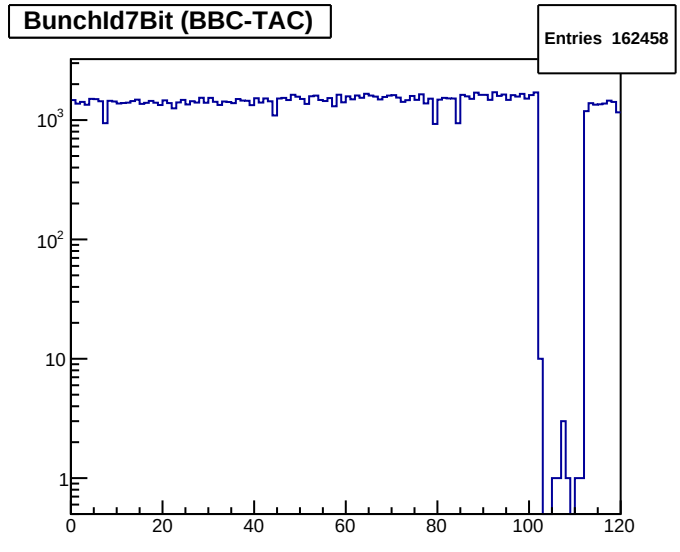
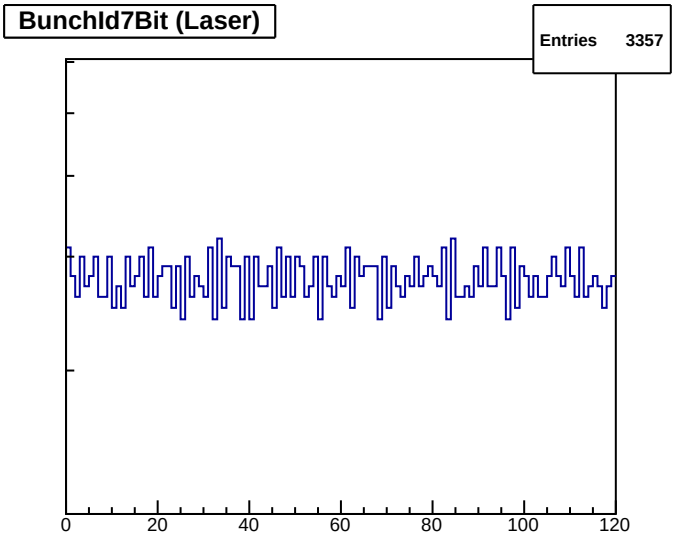
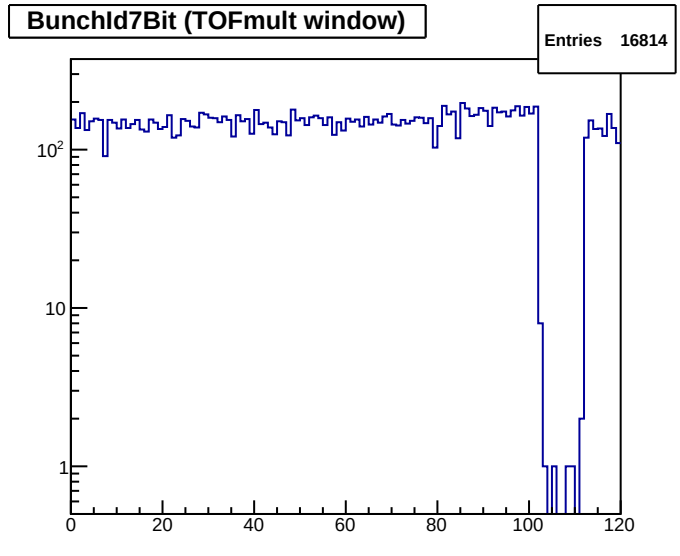

BunchId7Bit (VPD-TAC)
Entries 257590

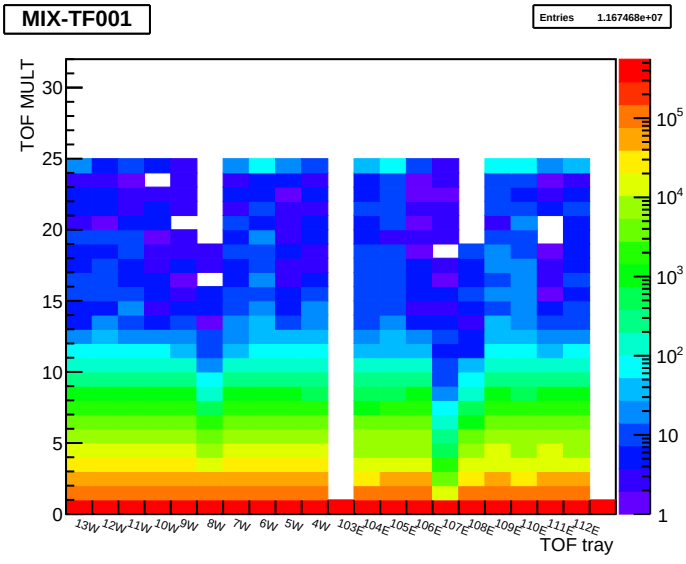

BunchId7Bit (ZDC-TAC)
Entries 889

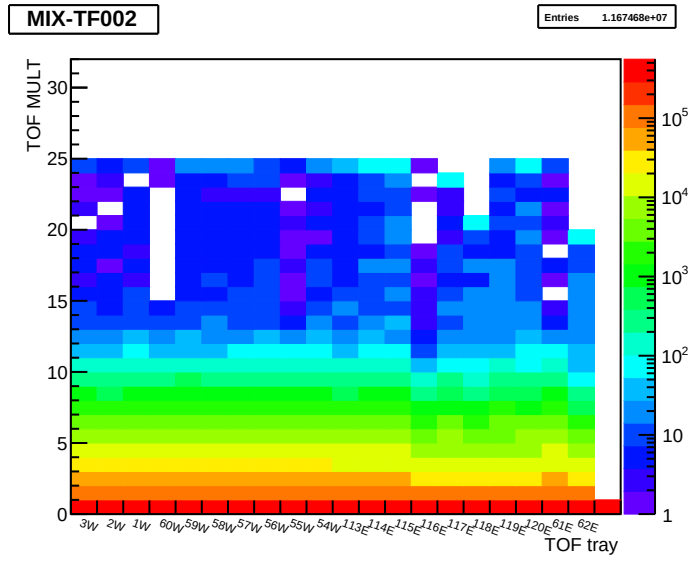

BunchId7Bit (EPD-TAC)
Entries 408383

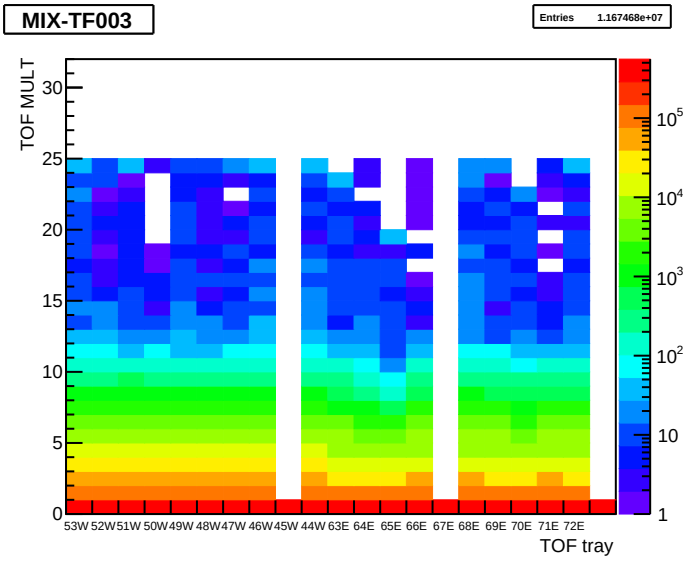

BunchId7Bit (BBC-TAC)
Entries 162458

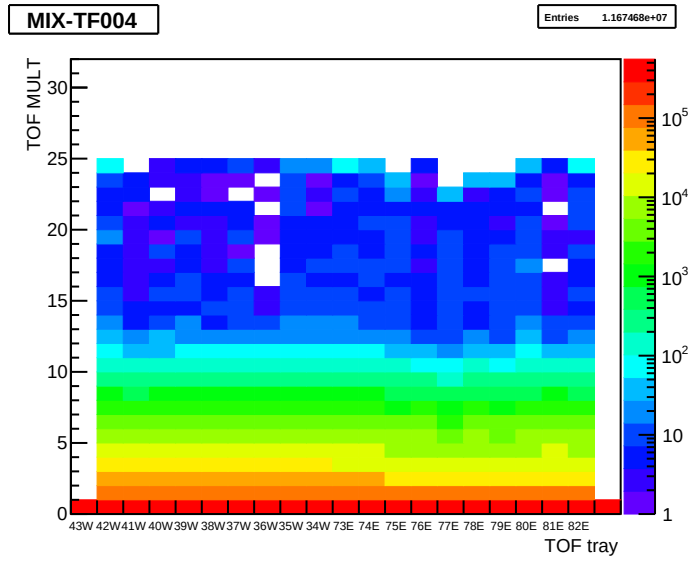

BunchId7Bit (Laser)
Entries 3357

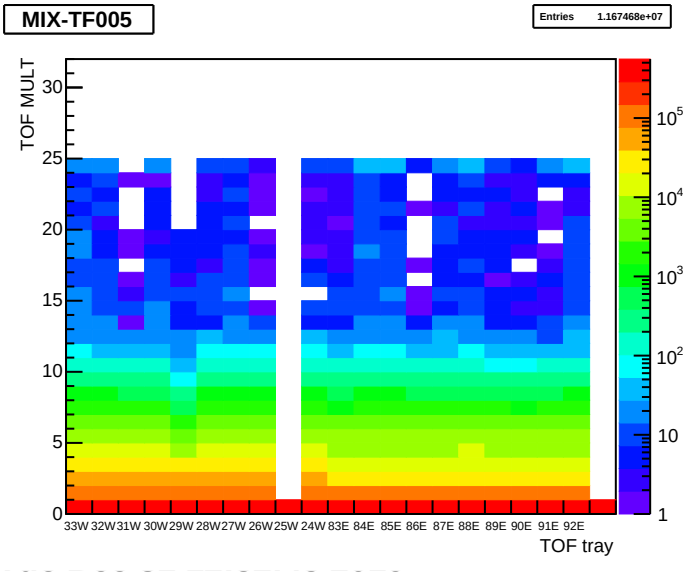

BunchId7Bit (TOFmult window)
Entries 16814

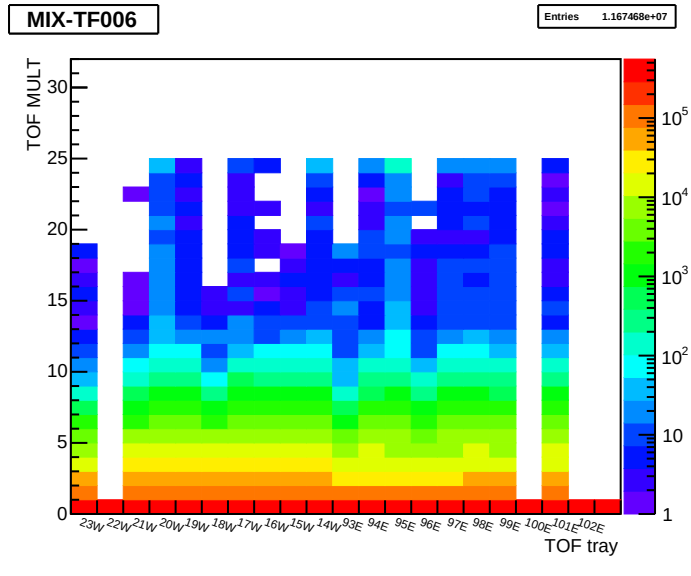

MIX-TF001
Entries 1.167468e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

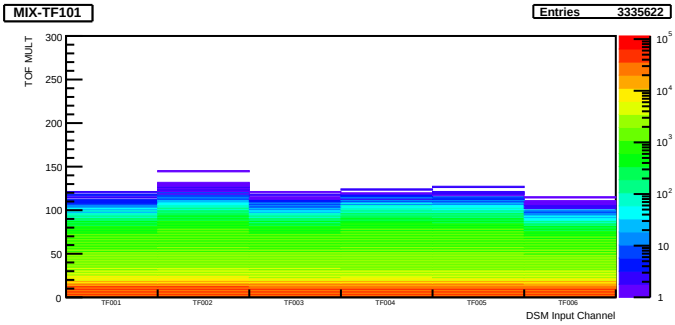

MIX-TF002
Entries 1.167468e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

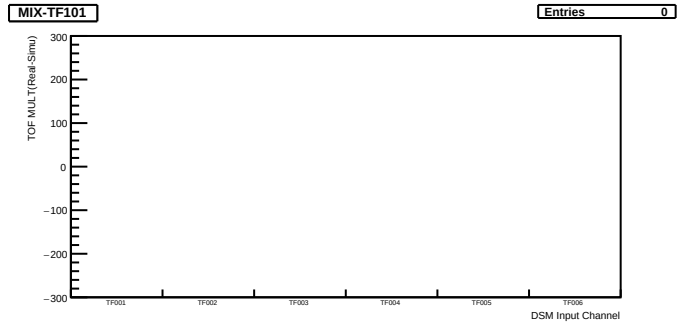

MIX-TF003
Entries 1.167468e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

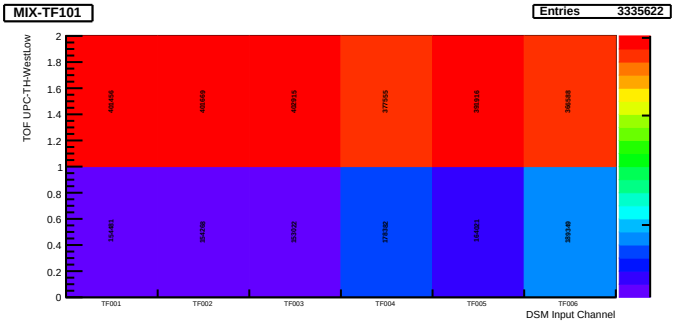

MIX-TF004
Entries 1.167468e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

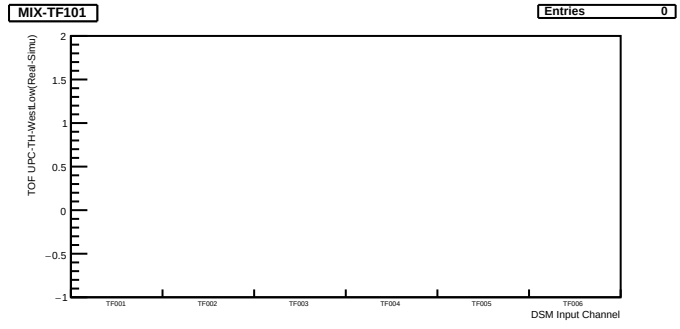

MIX-TF005
Entries 1.167468e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

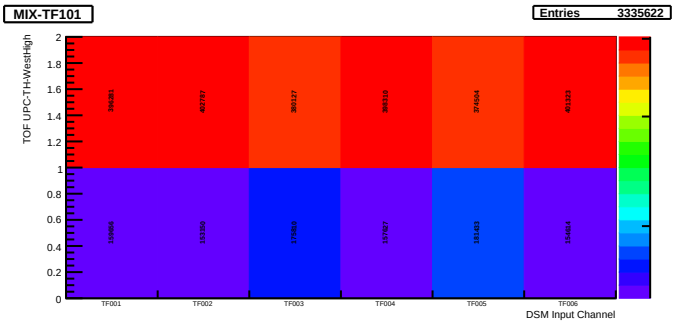

MIX-TF006
Entries 1.167468e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

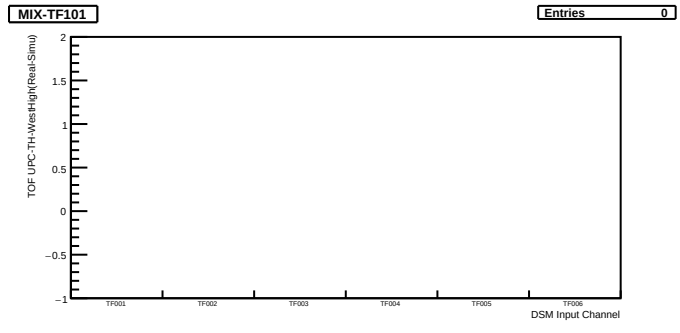

MIX-TF101
Entries 3335622
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

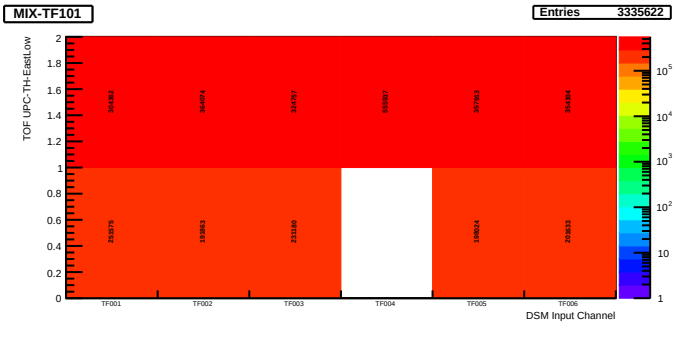

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

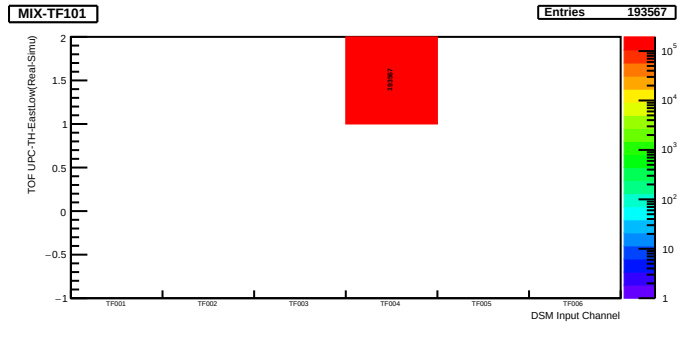

MIX-TF101
Entries 3335622
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

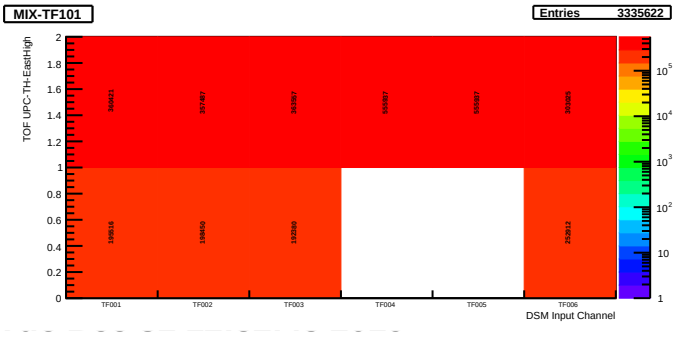

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

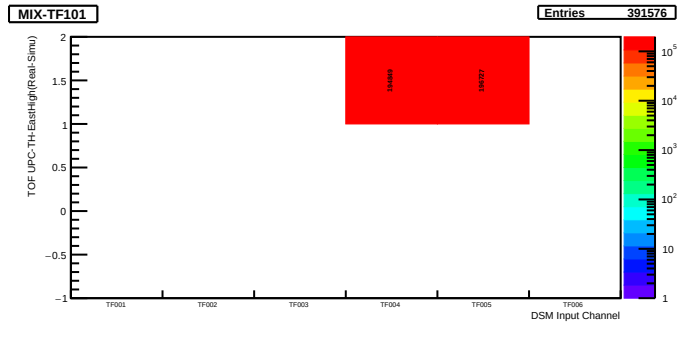

MIX-TF101
Entries 3335622
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

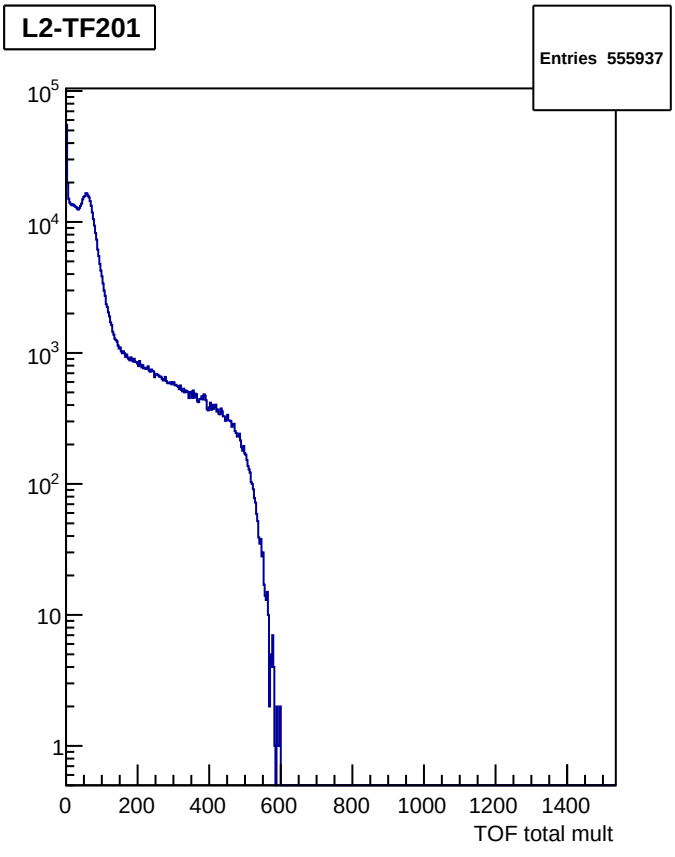

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

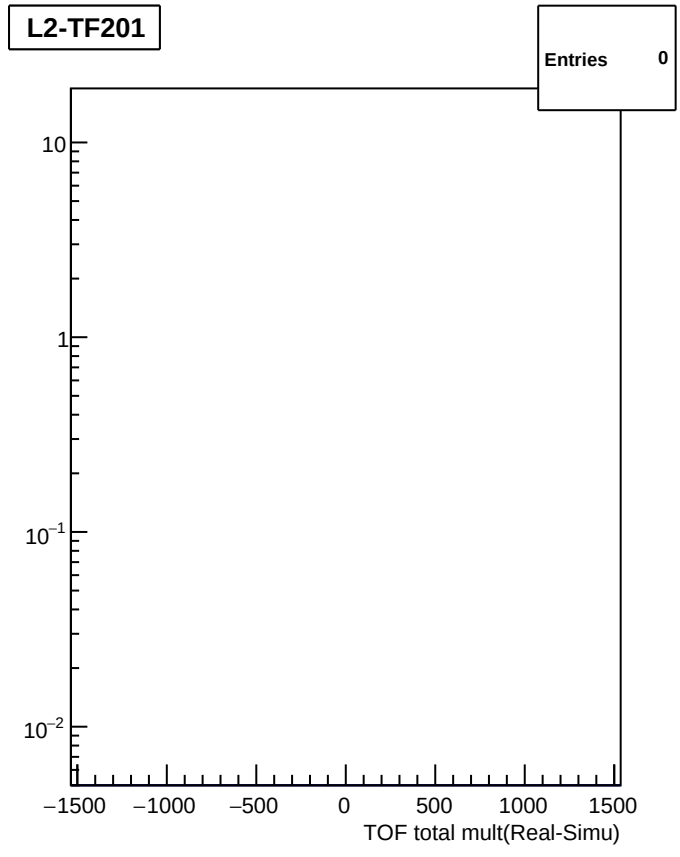

MIX-TF101
Entries 3335622
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

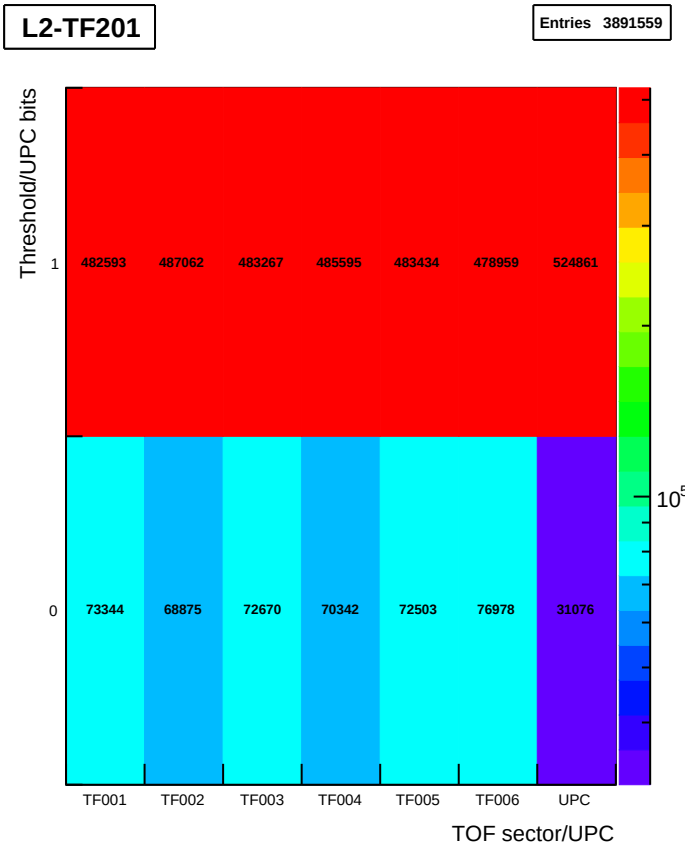

MIX-TF101
Entries 193567
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

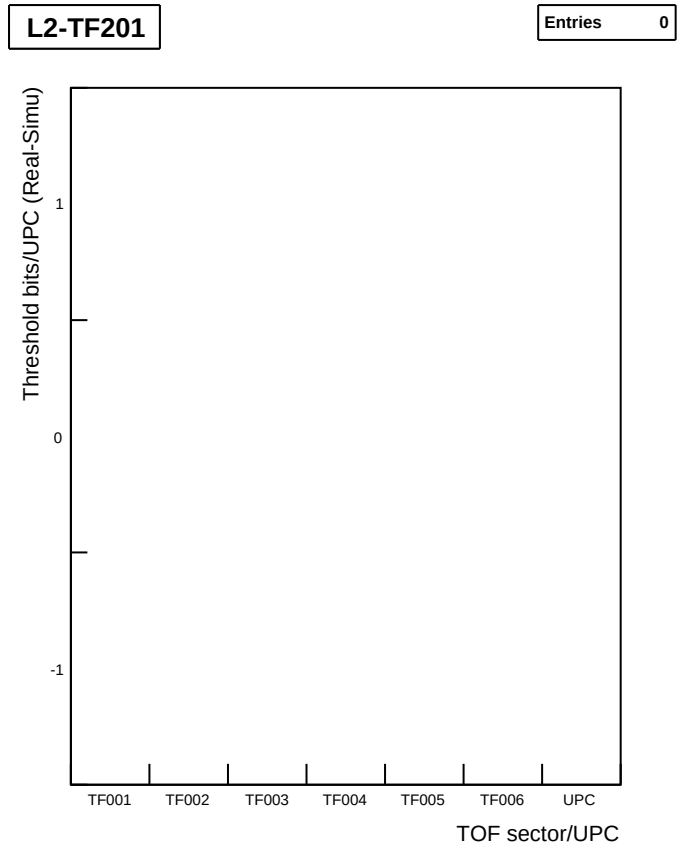

MIX-TF101
Entries 3335622
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

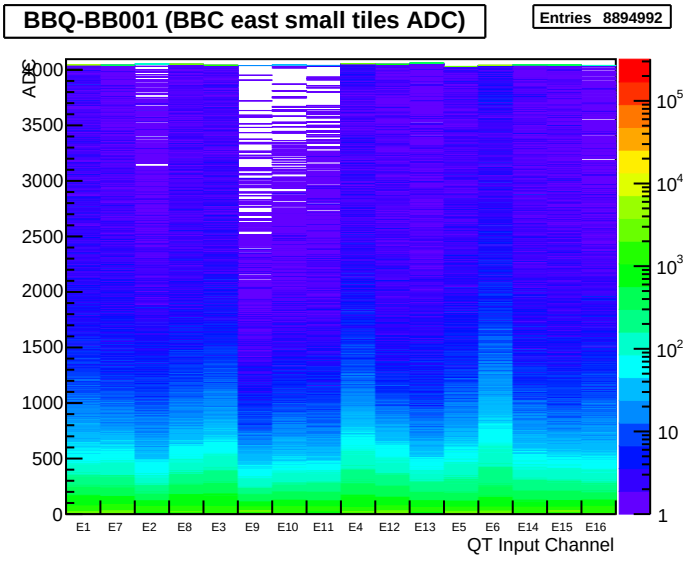

MIX-TF101
Entries 391576
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

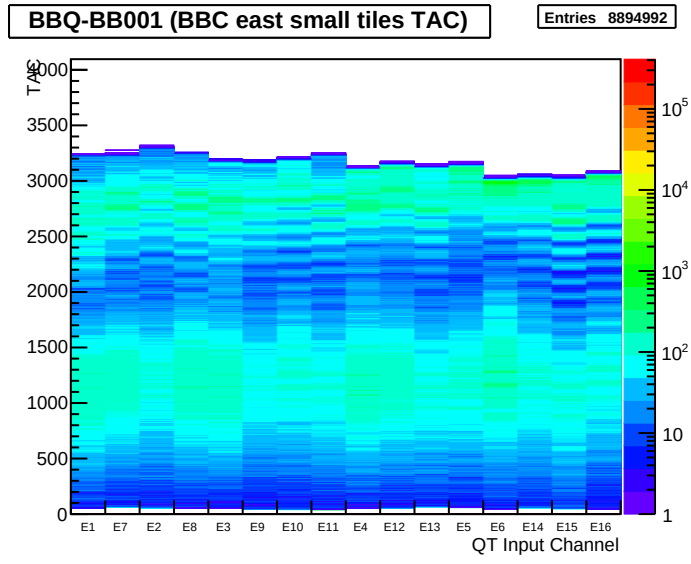

L2-TF201
Entries 555937
TOF total mult

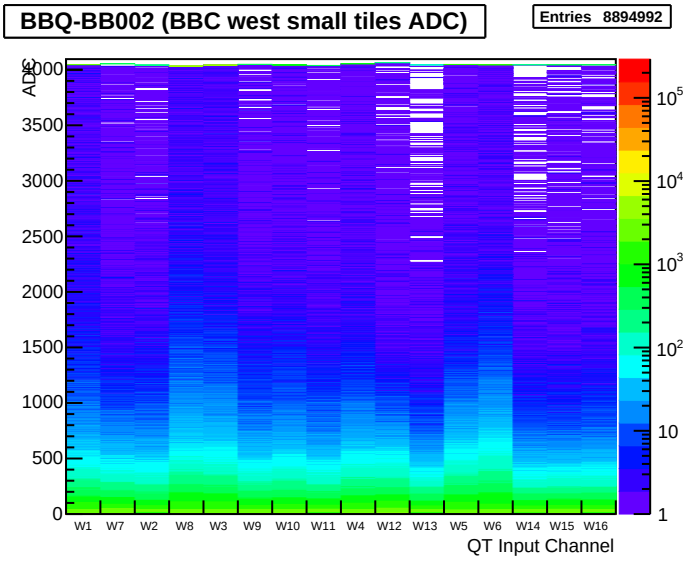

L2-TF201
Entries 0
TOF total mult(Real-Simu)

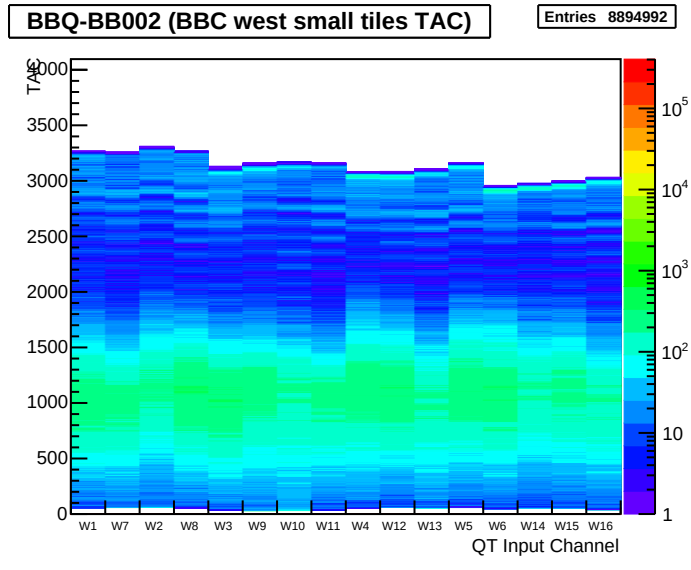

L2-TF201
Entries 3891559
Threshold/UPC bits
482593
487062
483267
485595
483434
478959
524861
73344
68875
72670
70342
72503
76978
31076
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

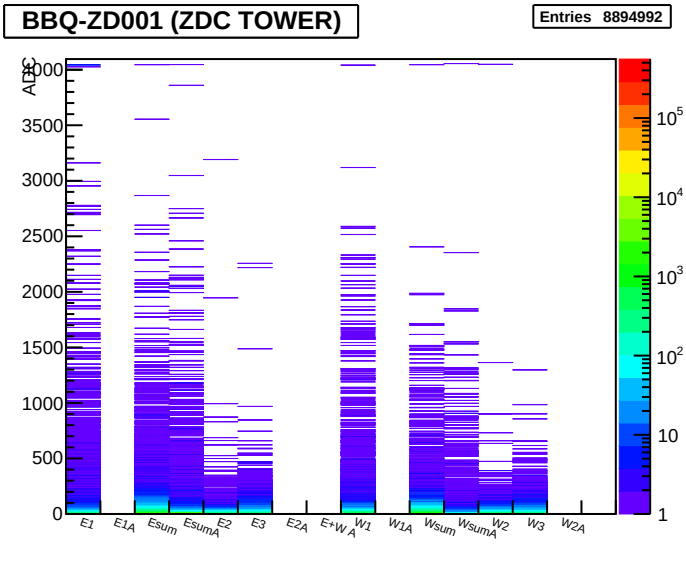

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

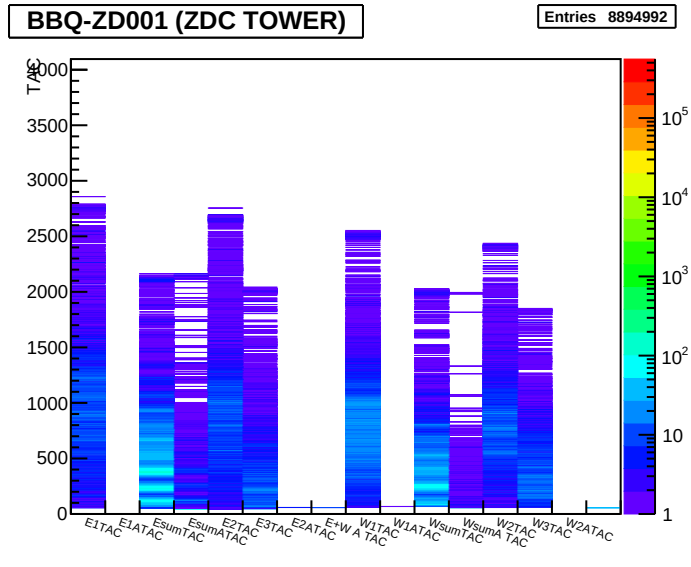

BBQ-BB001 (BBC east small tiles ADC)
Entries 8894992
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

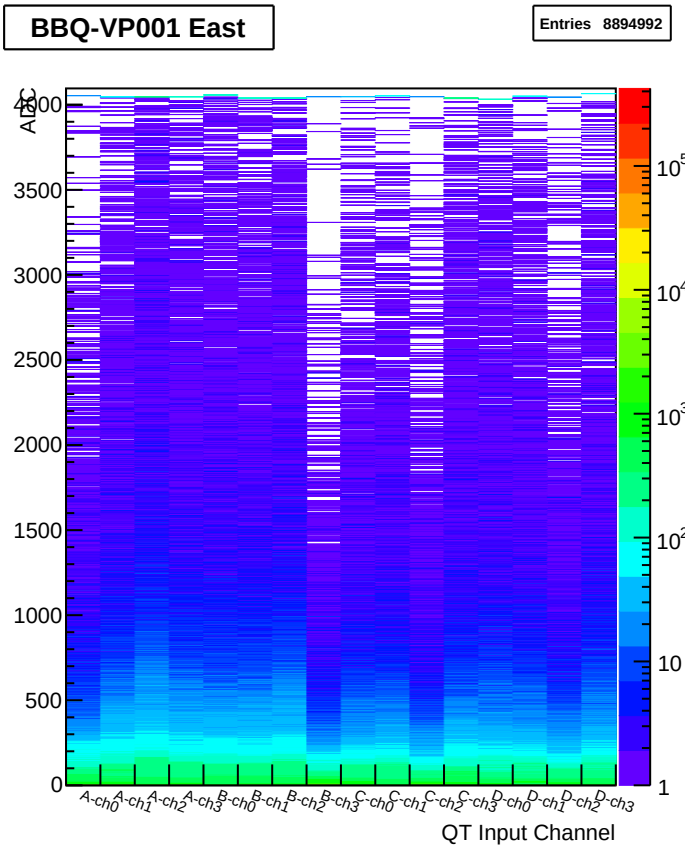

BBQ-BB001 (BBC east small tiles TAC)
Entries 8894992
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

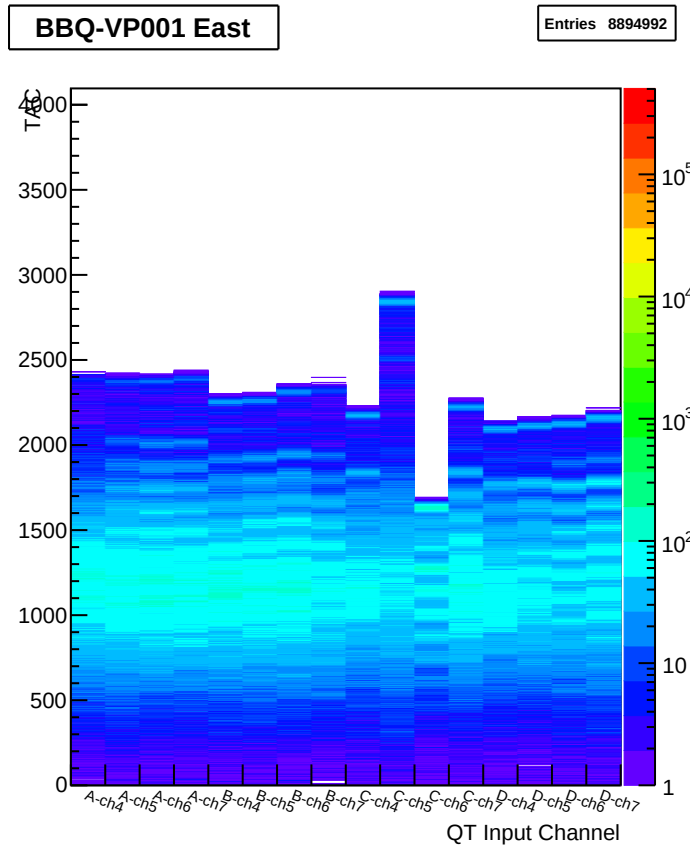

BBQ-BB002 (BBC west small tiles ADC)
Entries 8894992
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

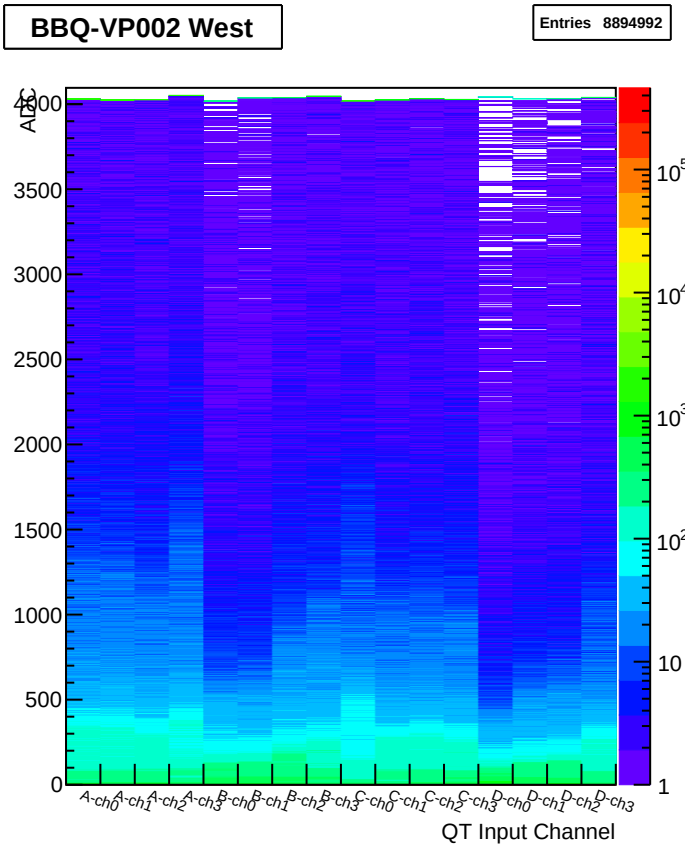

BBQ-BB002 (BBC west small tiles TAC)
Entries 8894992
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

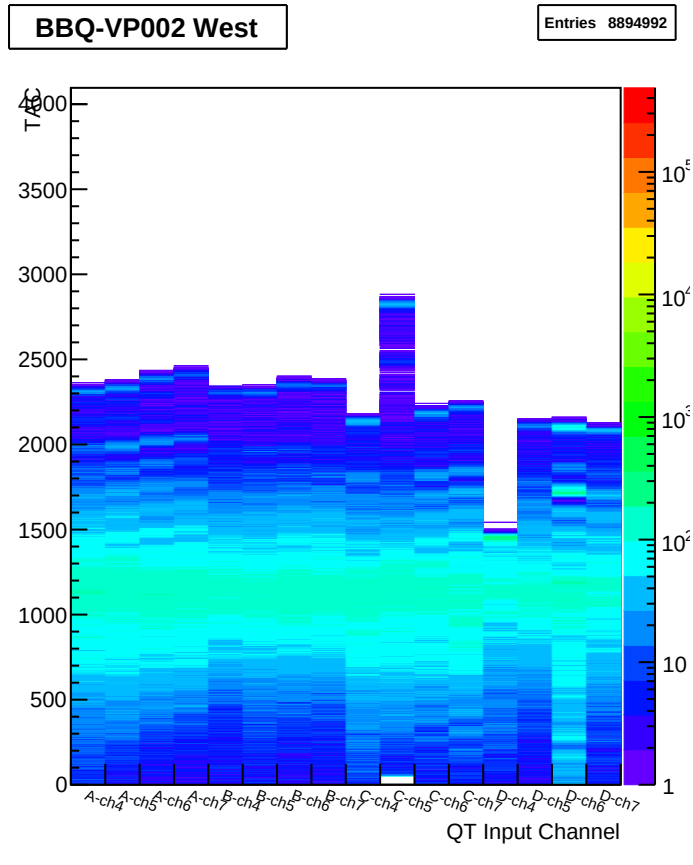

BBQ-ZD001 (ZDC TOWER)
Entries 8894992
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

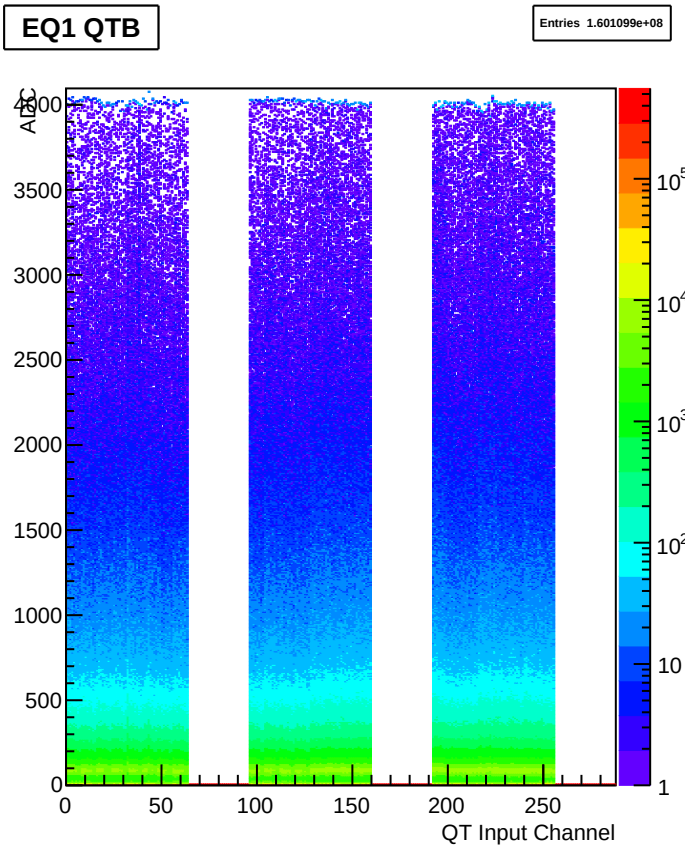

BBQ-ZD001 (ZDC TOWER)
Entries 8894992
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

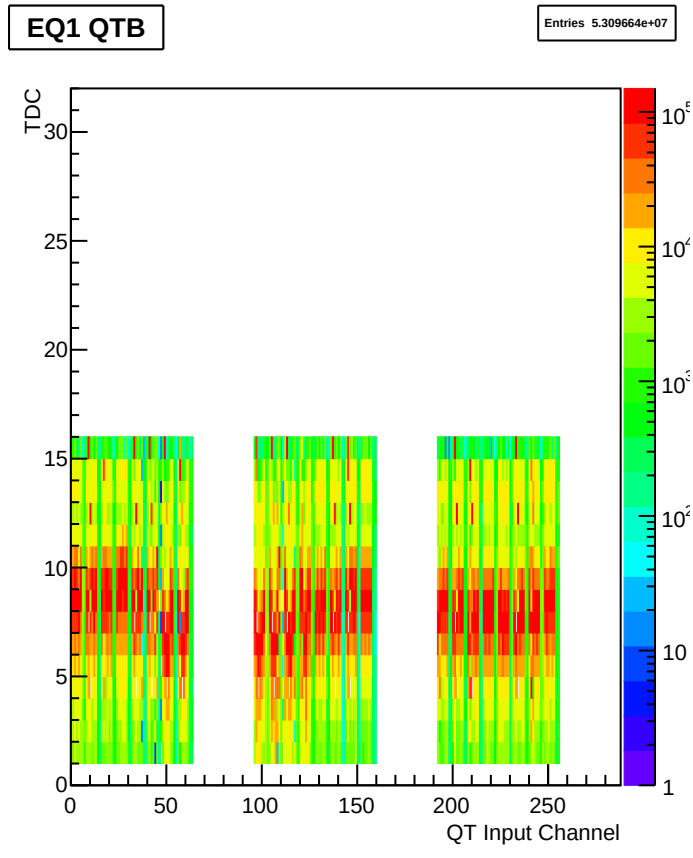

BBQ-VP001 East
Entries 8894992
ADC
QT Input Channel

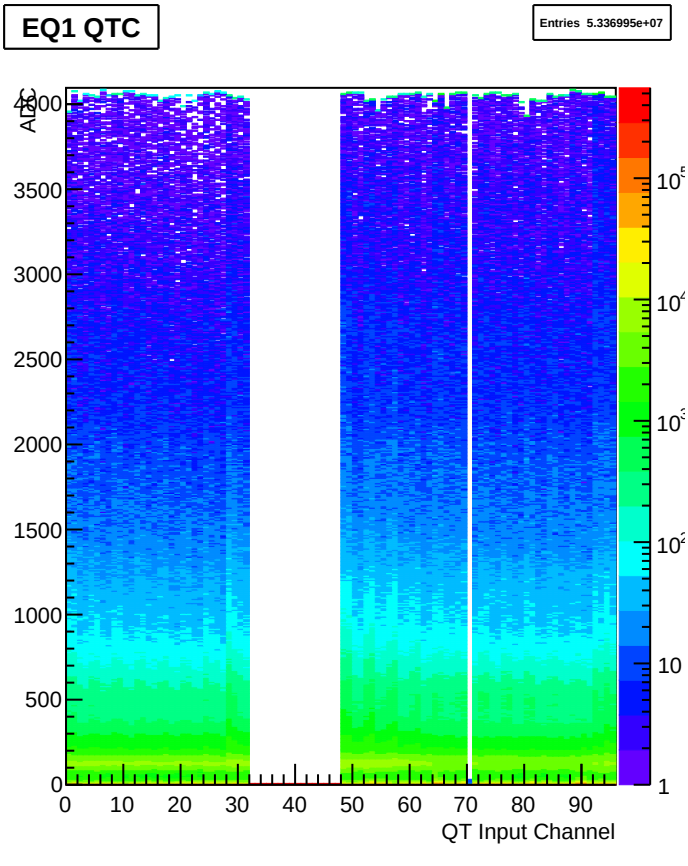

BBQ-VP001 East
Entries 8894992
TADC
QT Input Channel

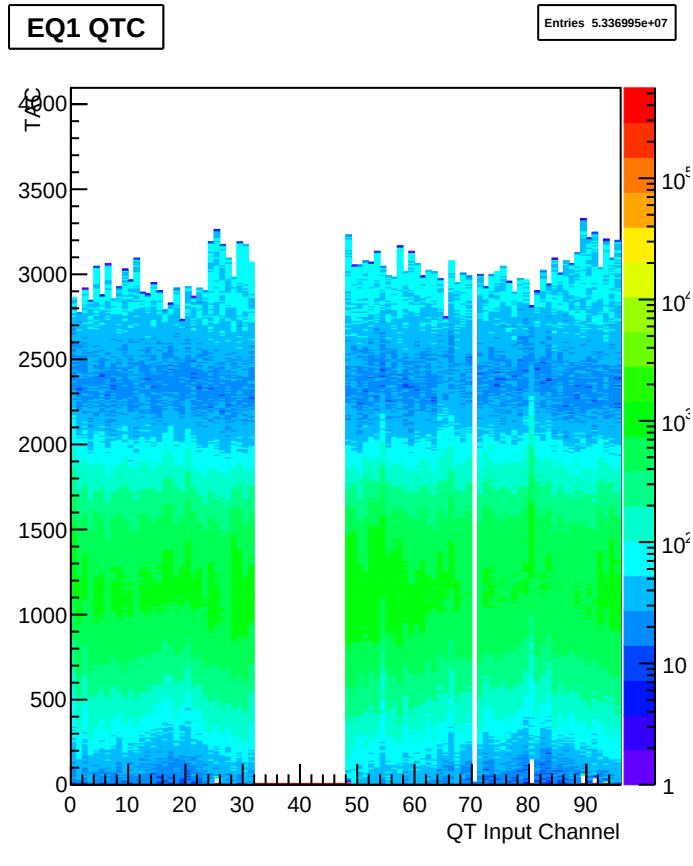

BBQ-VP002 West
Entries 8894992
ADC
QT Input Channel

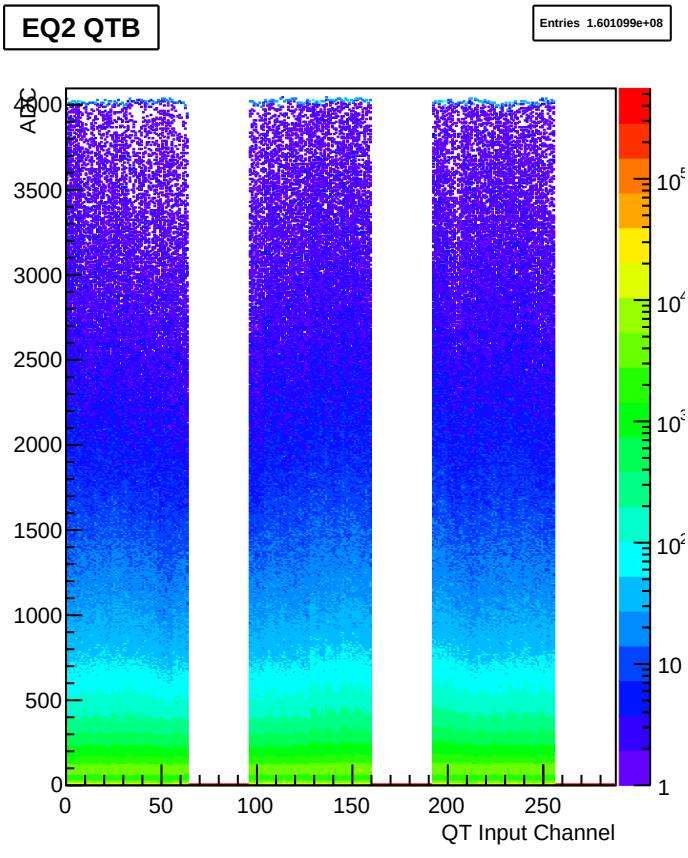

BBQ-VP002 West
Entries 8894992
TADC
QT Input Channel

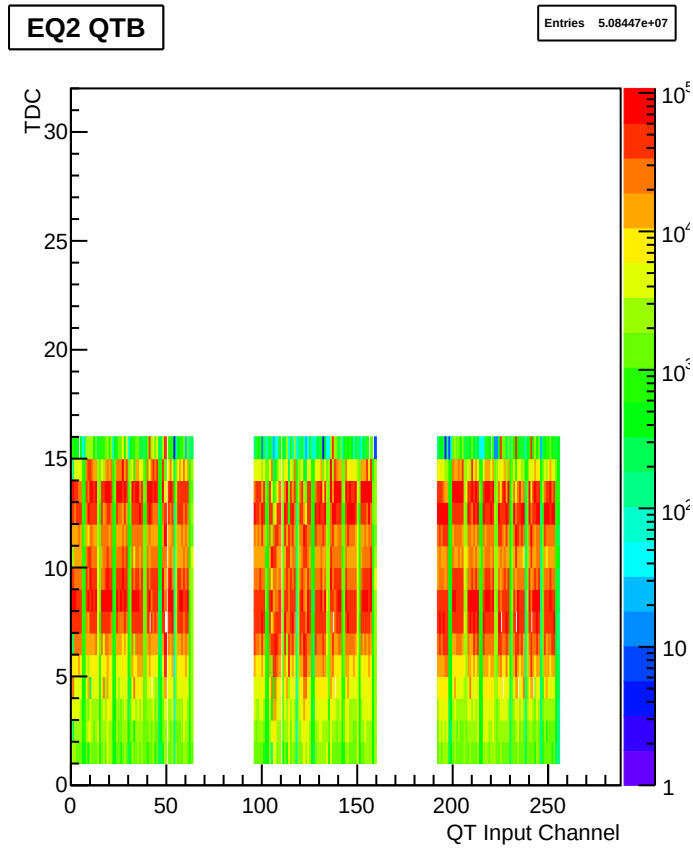

EQ1 QTB
Entries 1.601099e+08
ADC
QT Input Channel

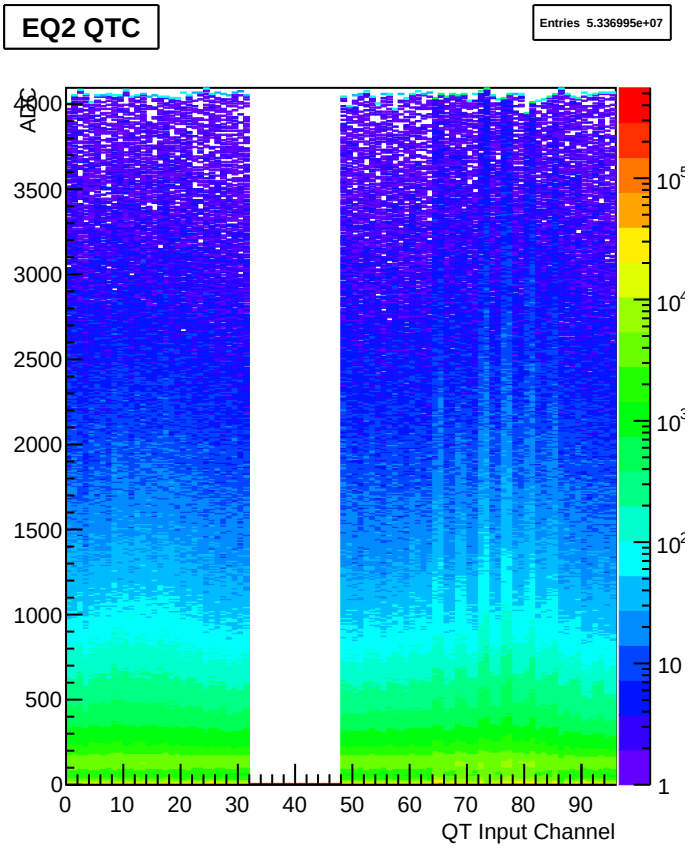

EQ1 QTB
Entries 5.309664e+07
TDC
QT Input Channel

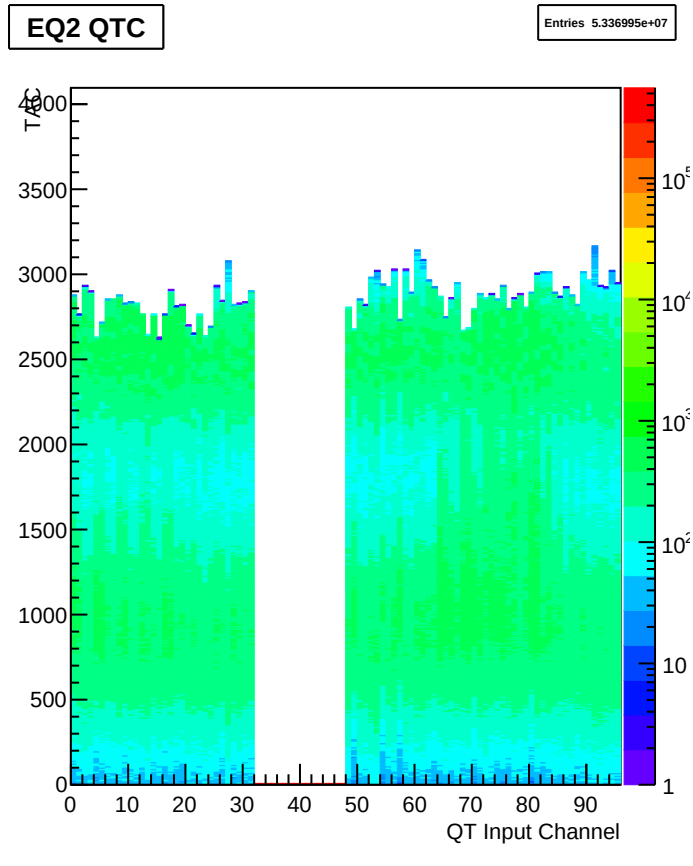

EQ1 QTC
Entries 5.336995e+07
ADC
QT Input Channel

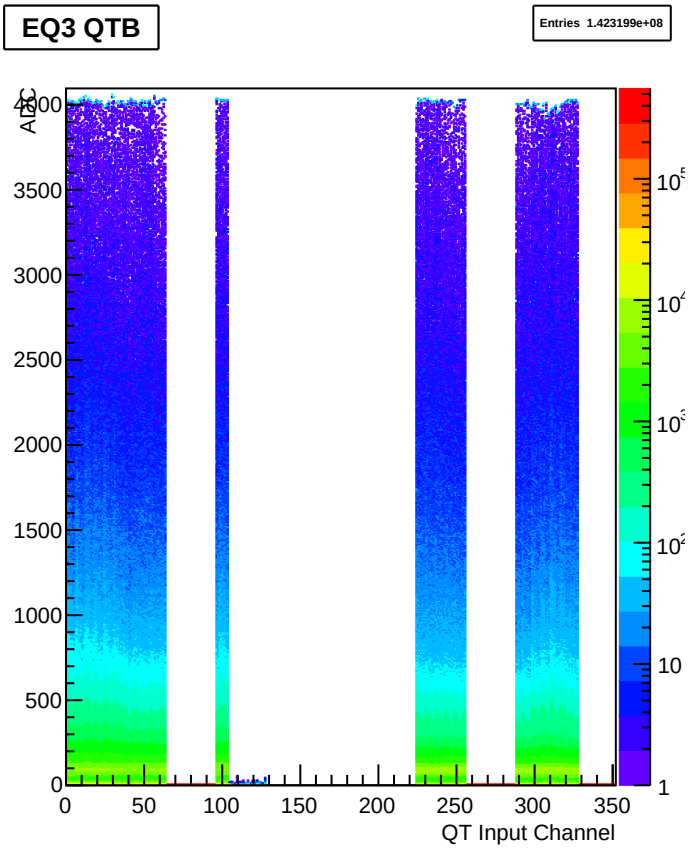

EQ1 QTC
Entries 5.336995e+07
TADC
QT Input Channel

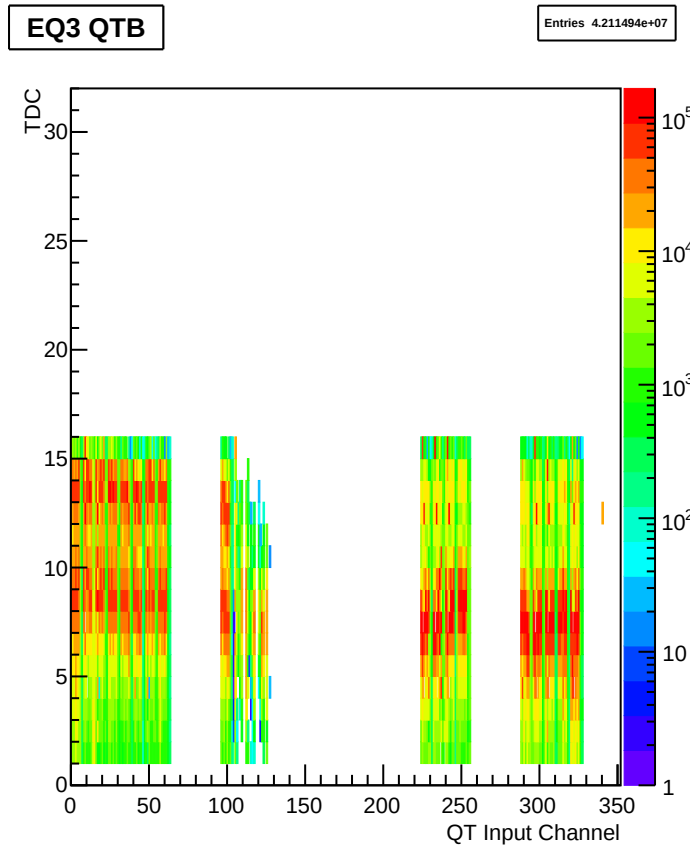

EQ2 QTB
Entries 1.601099e+08
ADC
QT Input Channel

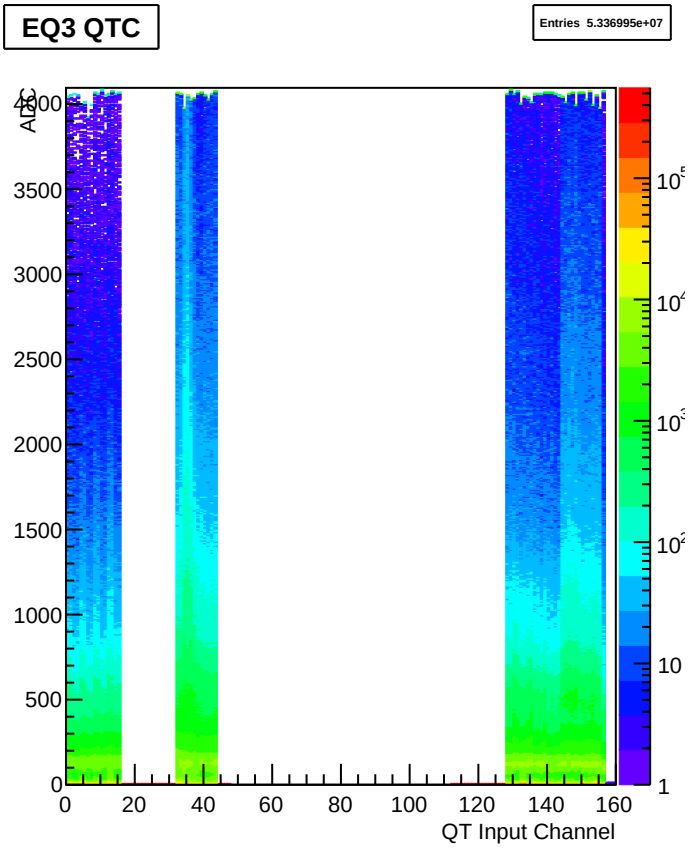

EQ2 QTB
Entries 5.08447e+07
TDC
QT Input Channel

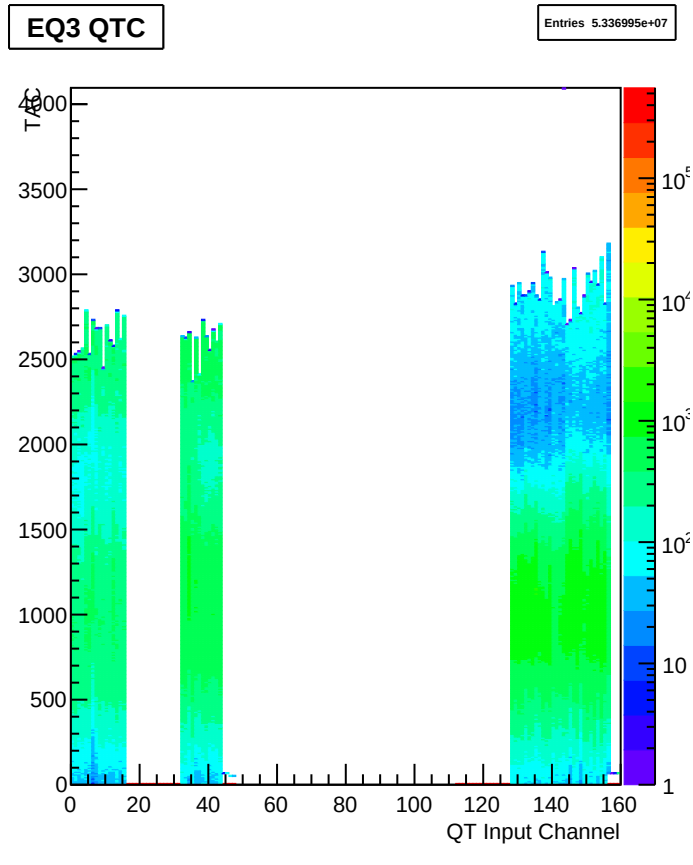

EQ2 QTC
Entries 5.336995e+07
ADC
QT Input Channel

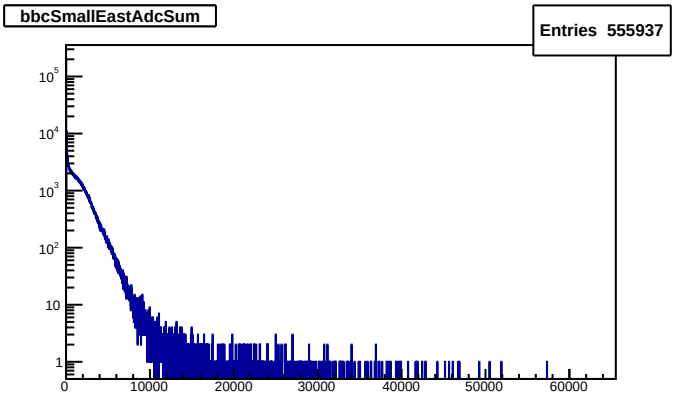

EQ2 QTC
Entries 5.336995e+07
TADC
QT Input Channel

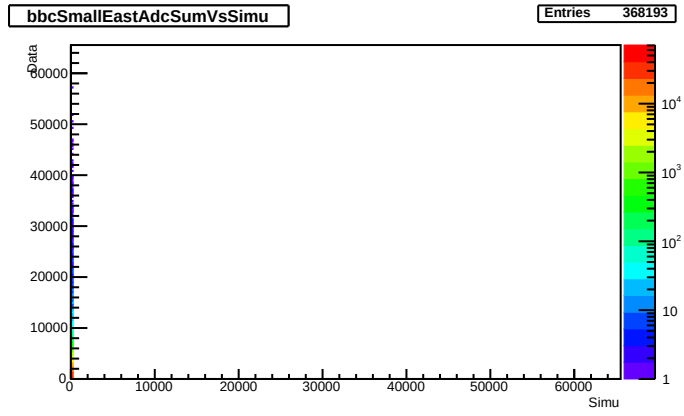

EQ3 QTB
Entries 1.423199e+08
ADC
QT Input Channel

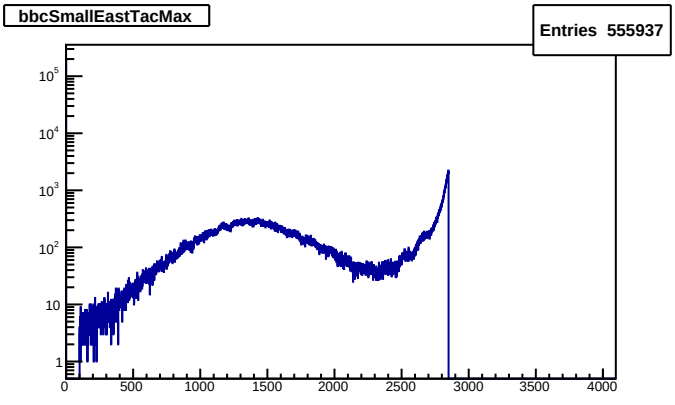

EQ3 QTB
Entries 4.211494e+07
TDC
QT Input Channel

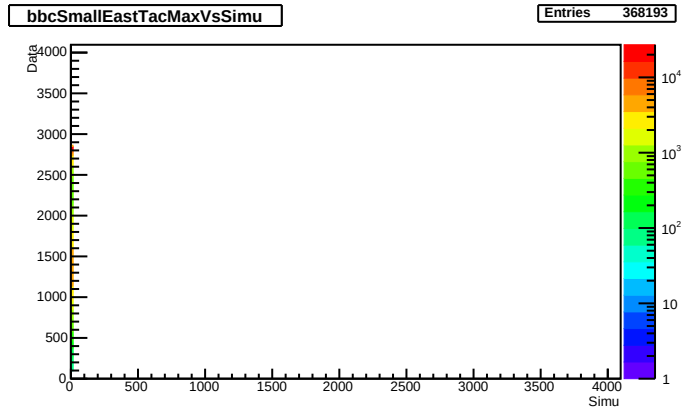

EQ3 QTC
Entries 5.336995e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.336995e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 555937


bbcSmallEastAdcSumVsSimu
Entries 368193
Data
Simu


bbcSmallEastTacMax
Entries 555937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Entries 368193
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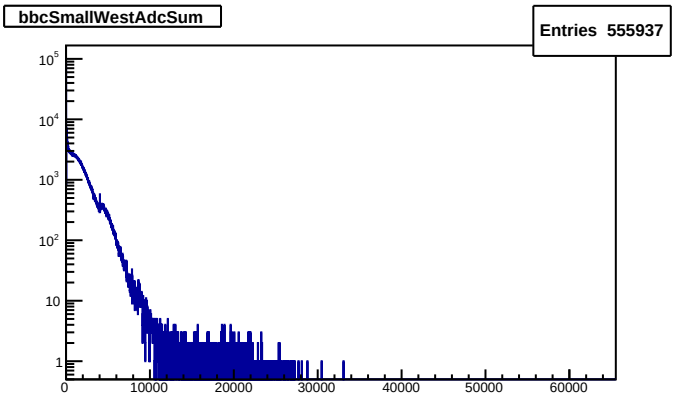
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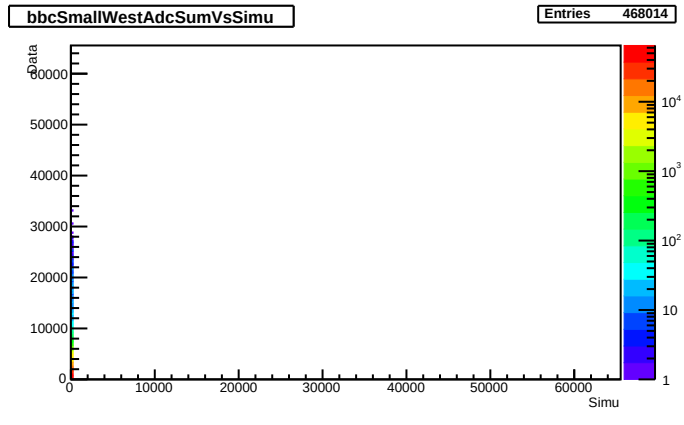
Entries 555937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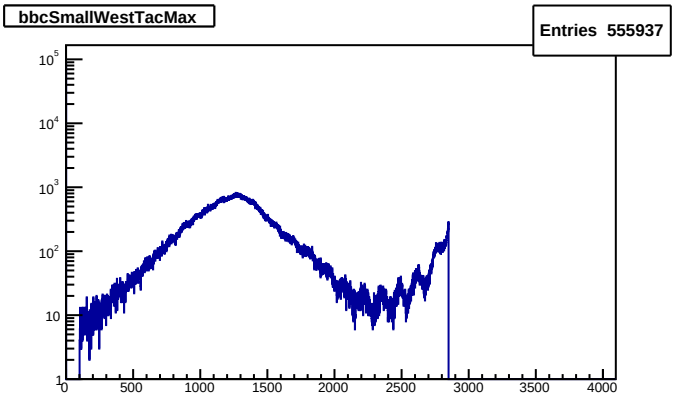
Entries 468014
Data
Simu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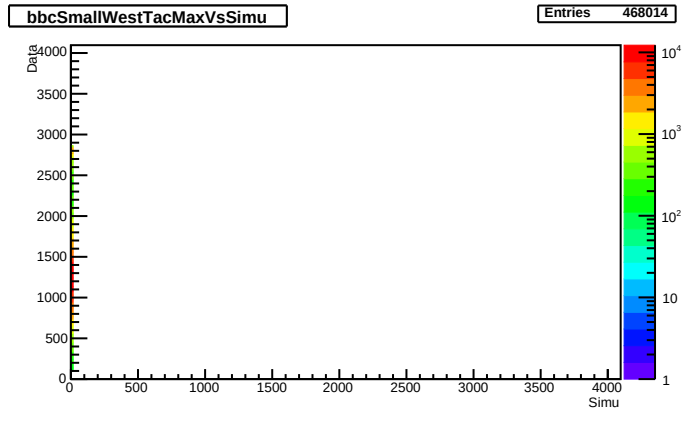
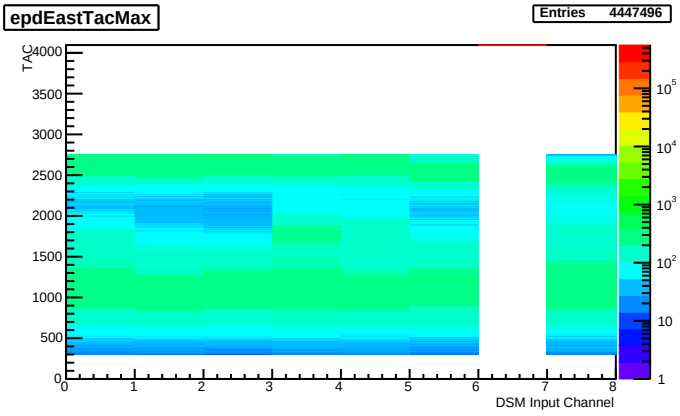
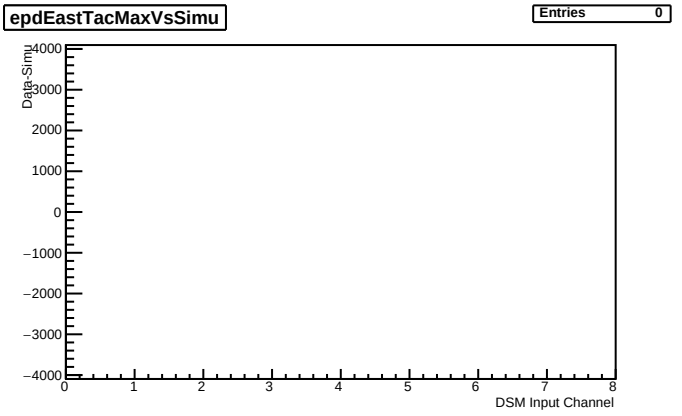
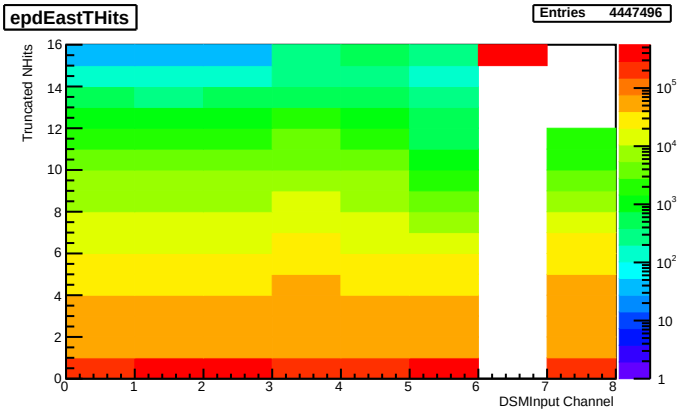
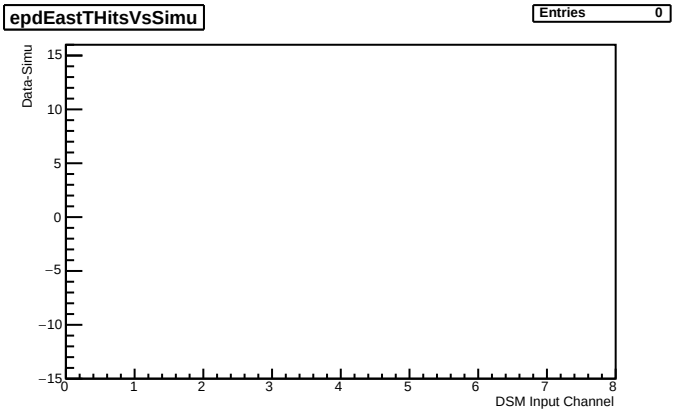
Entries 555937


bbcSmallWestTacMaxVsSimu
Entries 468014
Data
Simu


epdEastTacMax
Entries 4447496
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4447496
Truncated NHits
DSMInput Channel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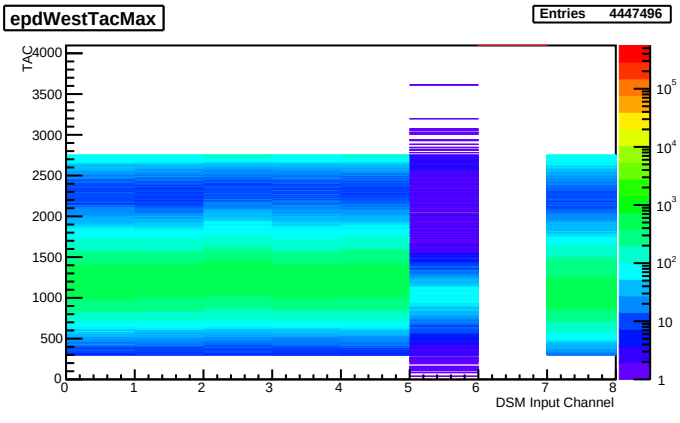
Data-Simu
DSM Input Channel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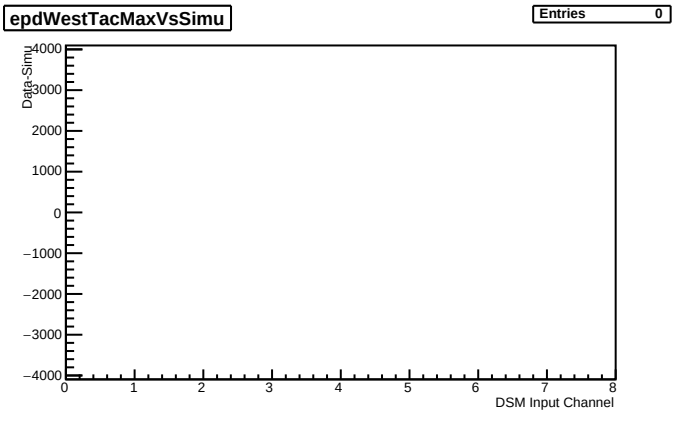
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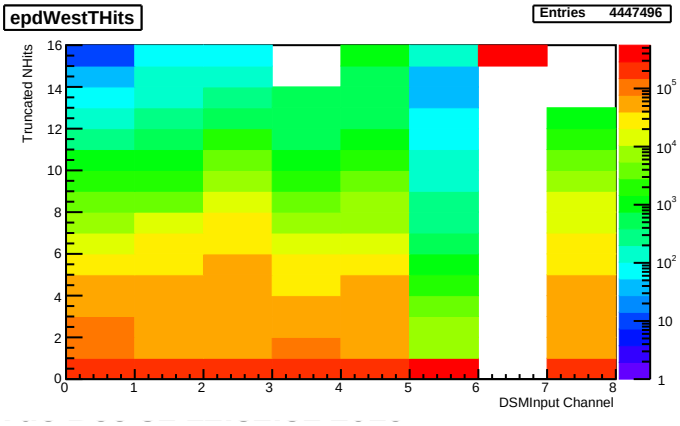
Data-Simu
DSM Input Channel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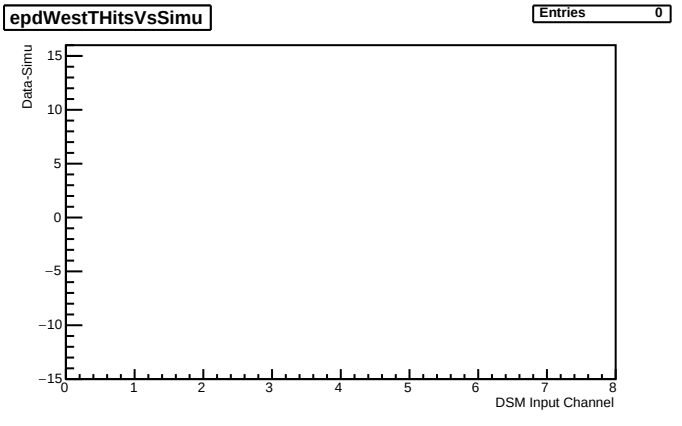
Entries 4447496
Truncated NHits
DSMInput Channel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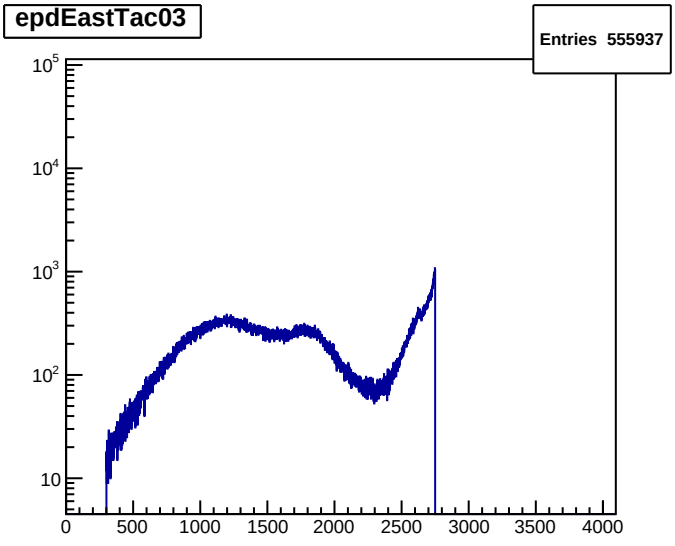
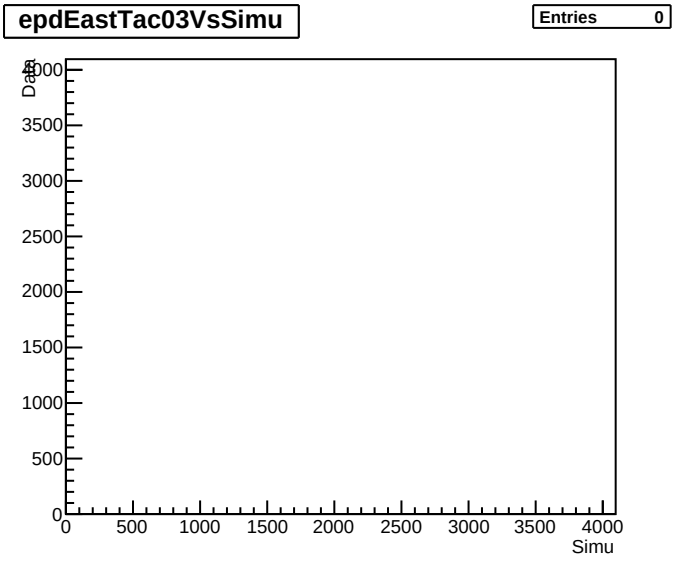
Data-Simu
DSM Input Channel


epdEastTac03
Entries 555937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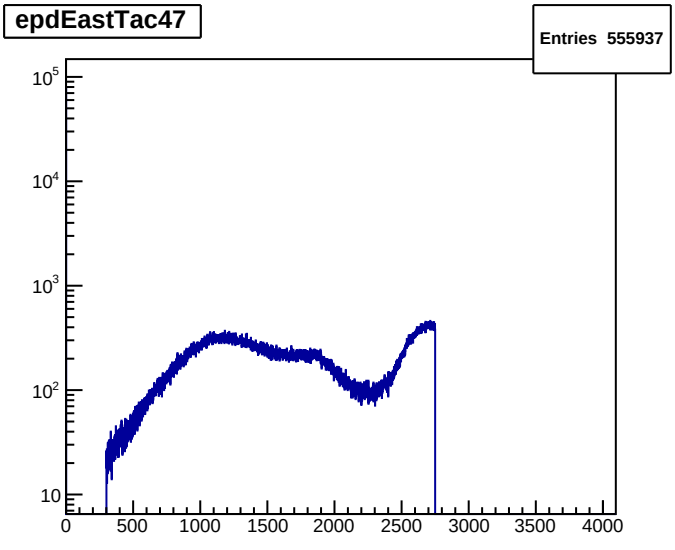
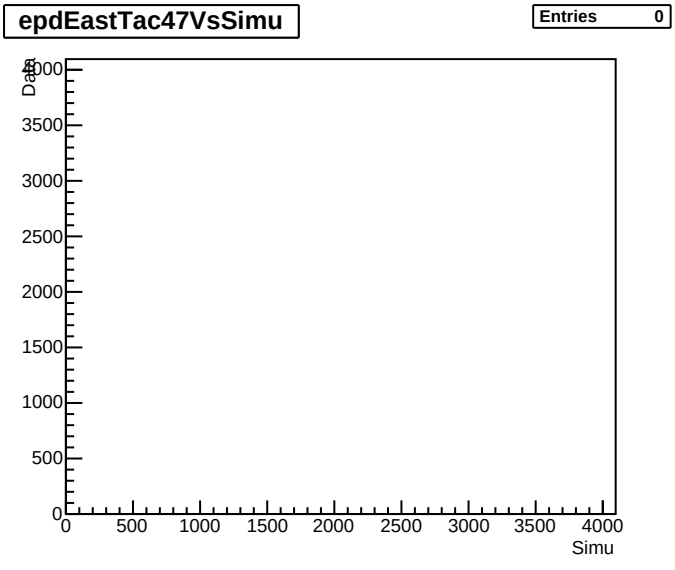
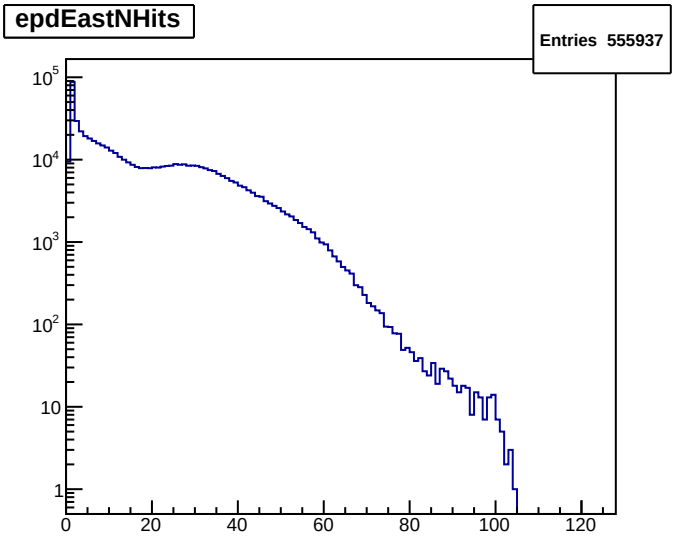
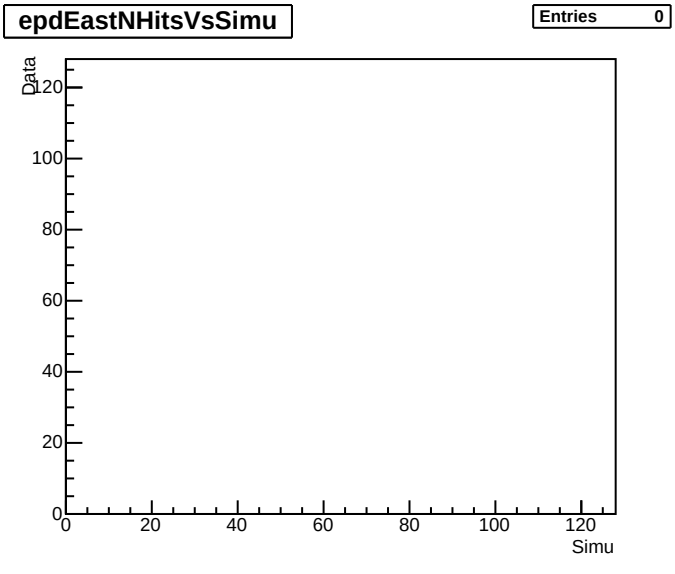
Entries 0
Data
Simu


epdEastTac47
Entries 555937


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 555937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Entries 0
Data
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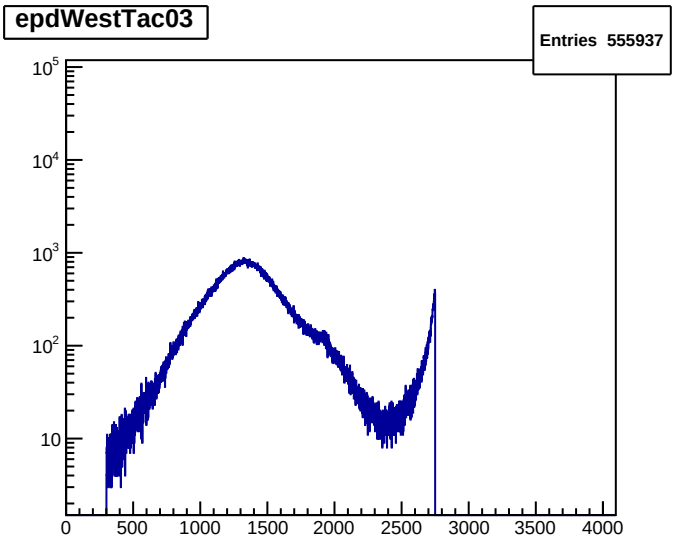
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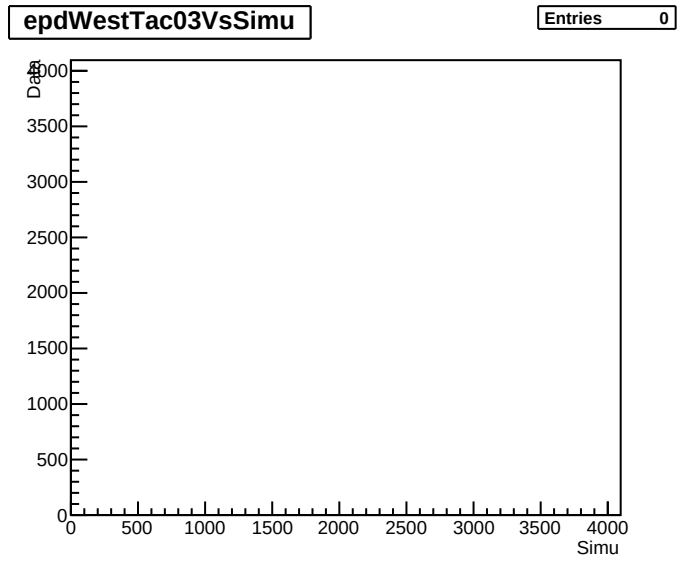
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Entries 0
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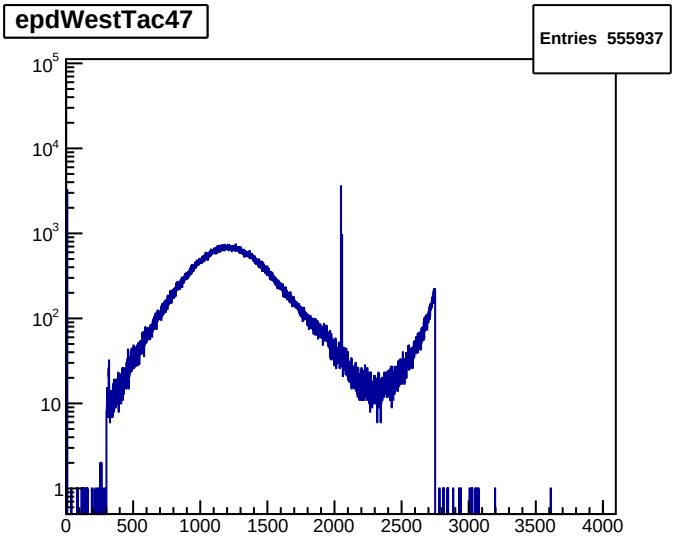
Simu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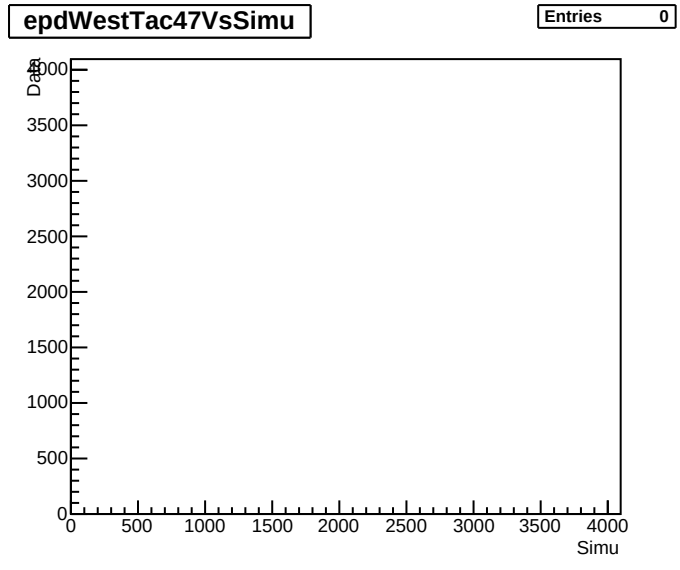
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Entries 0
Data
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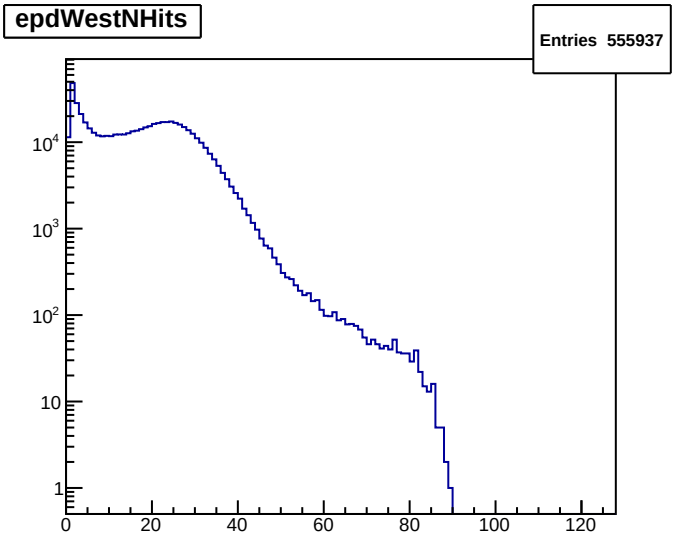
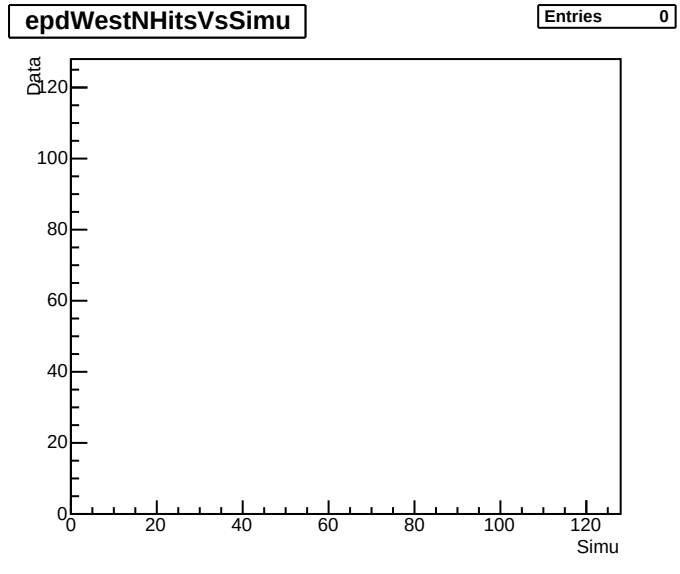
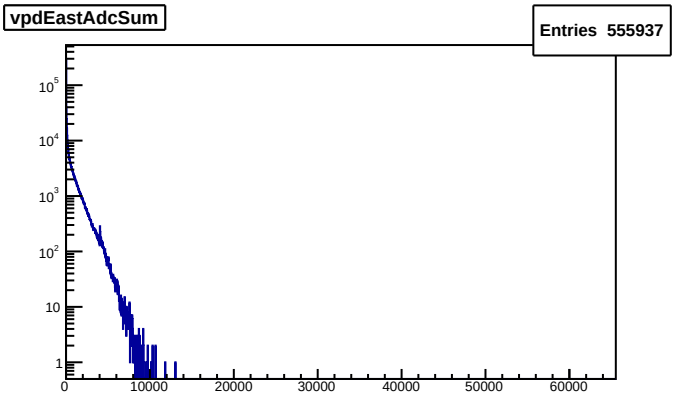
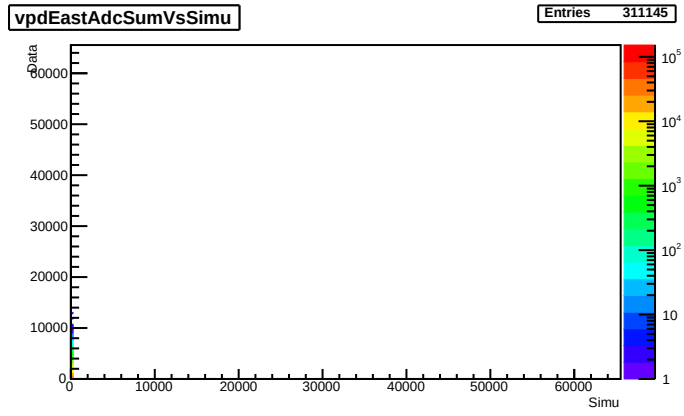
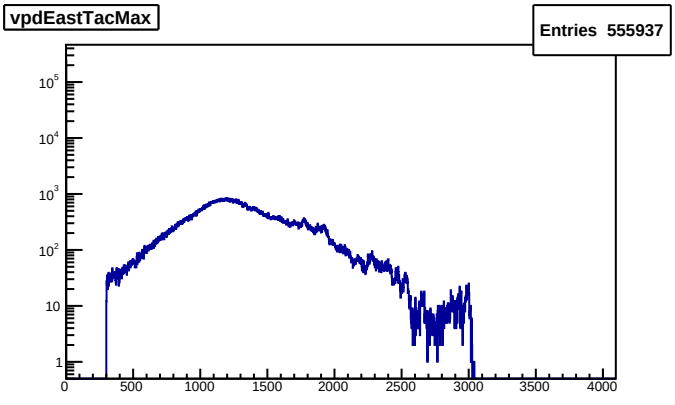
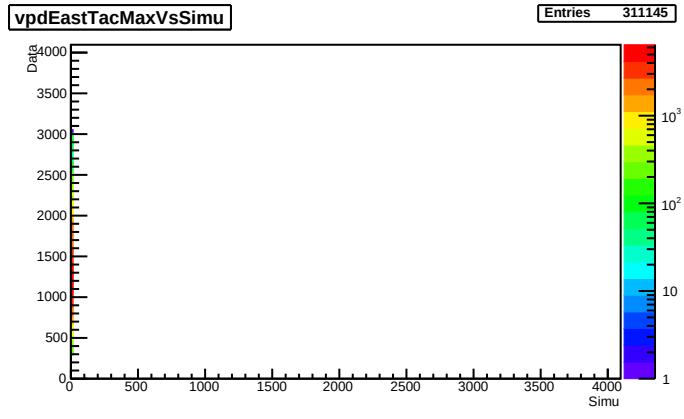

epdWestNHits
Entries 555937


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 555937


vpdEastAdcSumVsSimu
Entries 311145
Data
Simu


vpdEastTacMax
Entries 555937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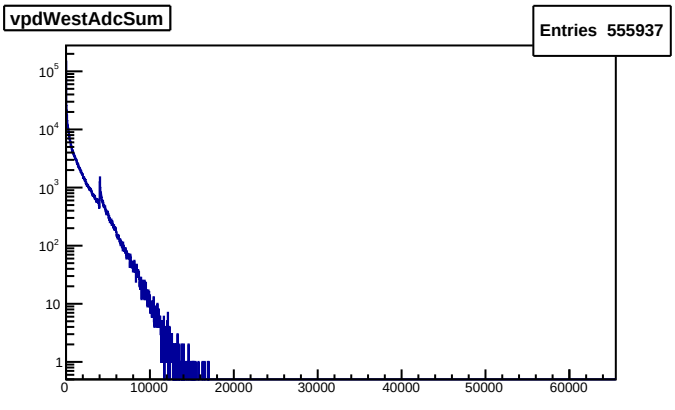
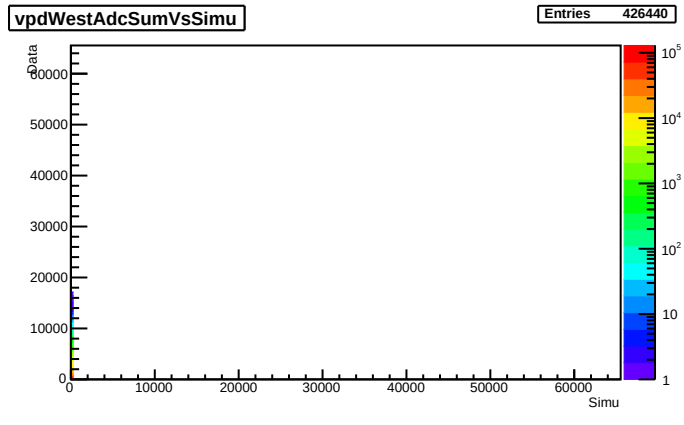
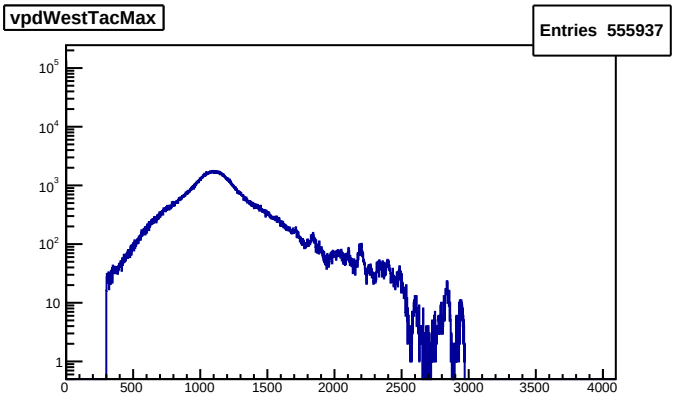
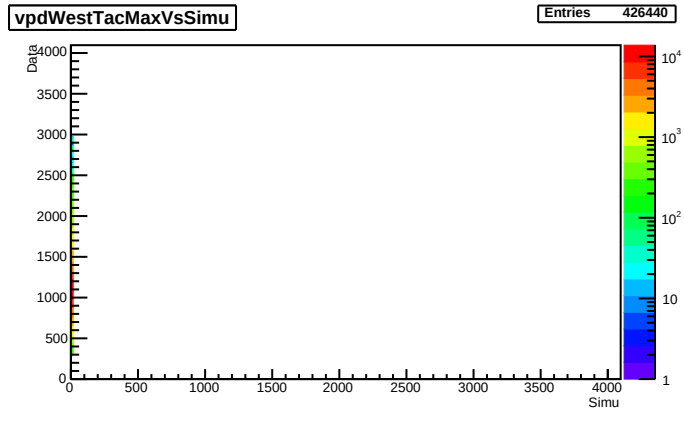
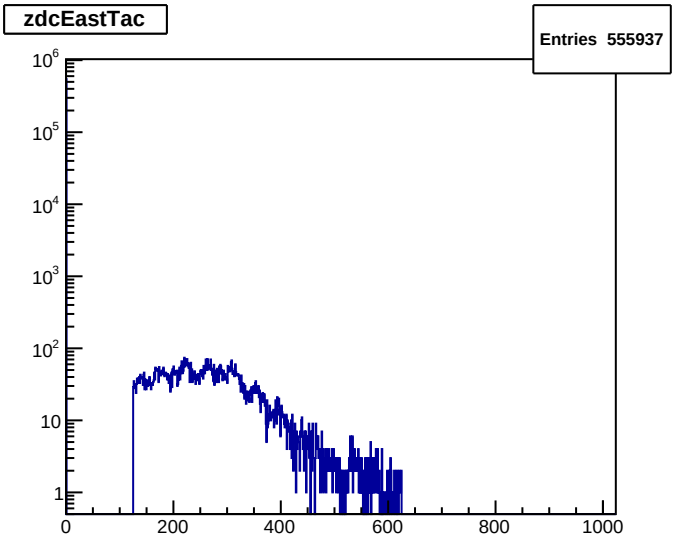
Entries 311145
Data
Simu

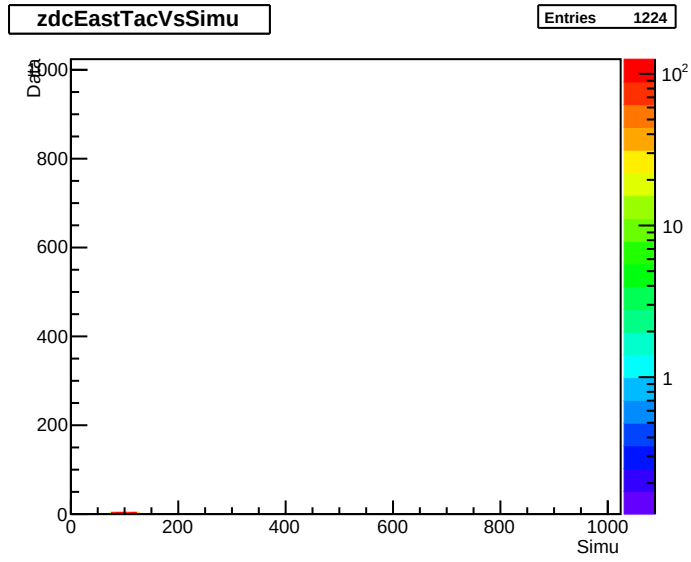

vpdWestAdcSum
Entries 555937

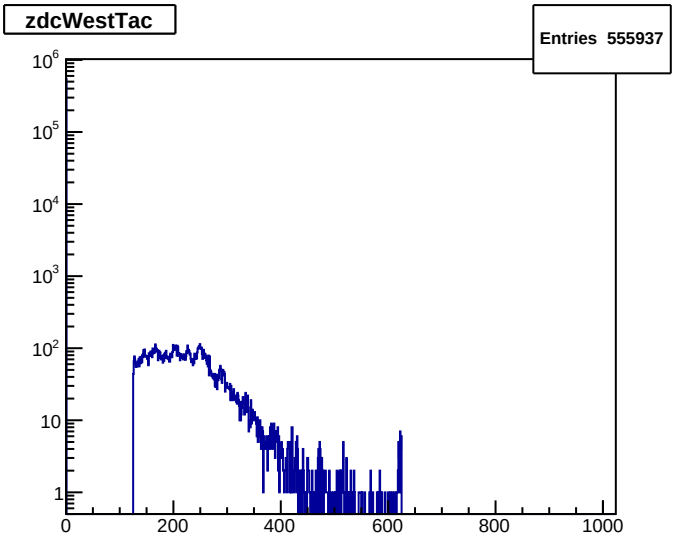

vpdWestAdcSumVsSimu
Entries 426440
Data
Simu

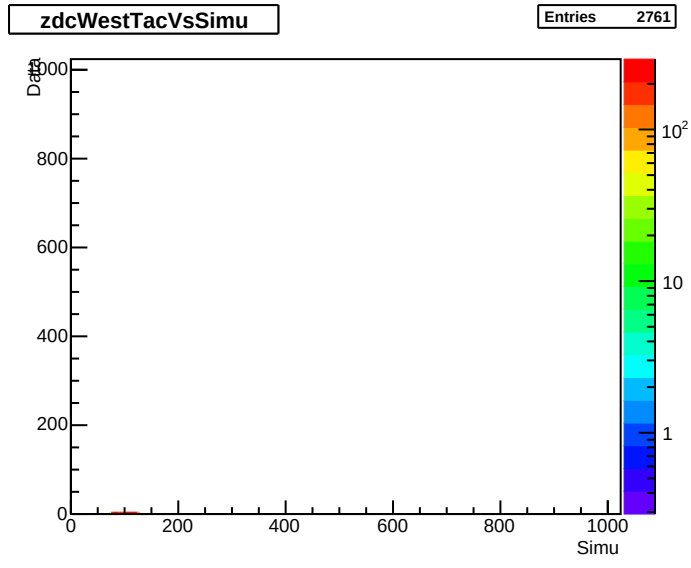

vpdWestTacMax
Entries 555937

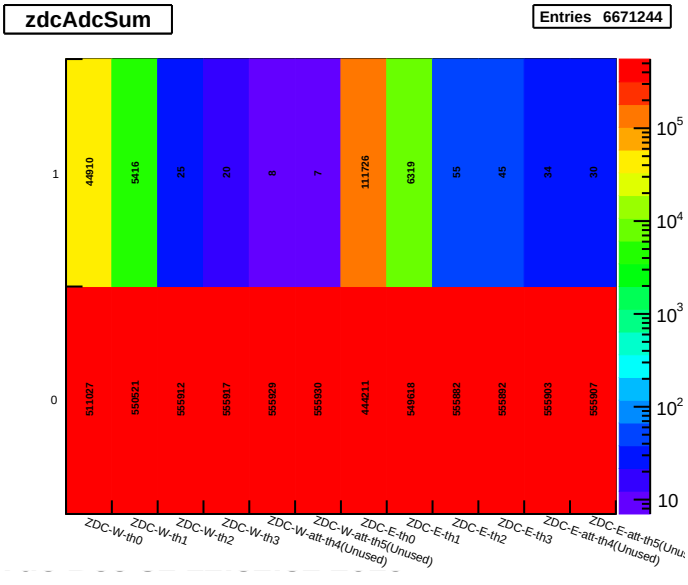

vpdWestTacMaxVsSimu
Entries 426440
Data
Simu

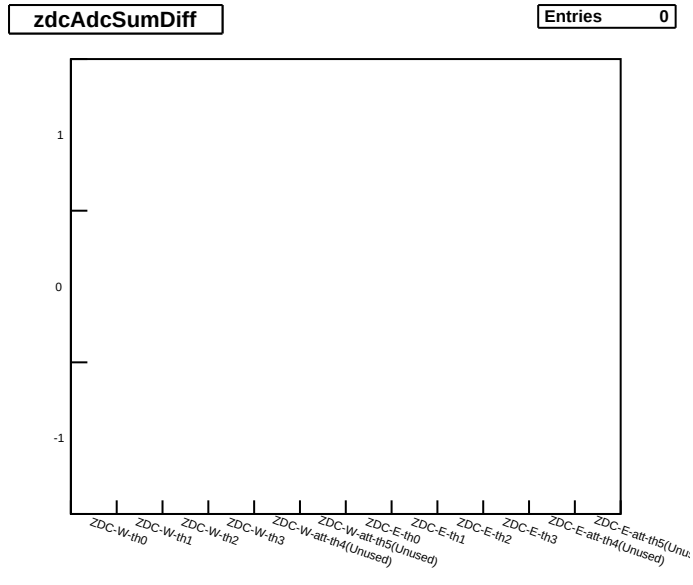

zdcEastTac
Entries 555937

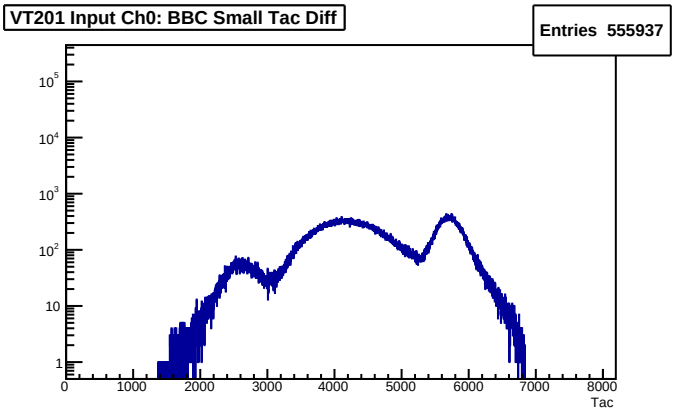

zdcEastTacVsSimu
Entries 1224
Data
Simu

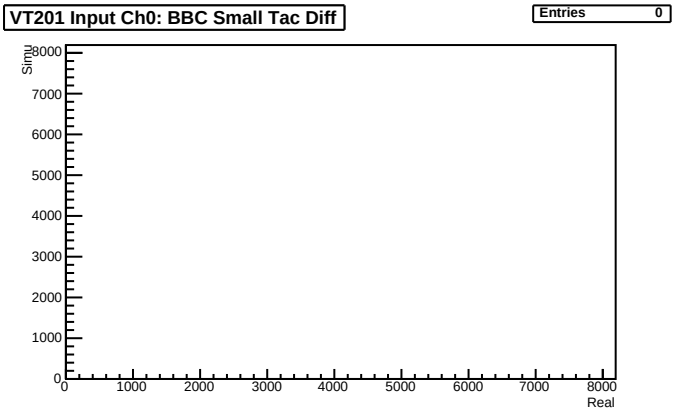

zdcWestTac
Entries 555937

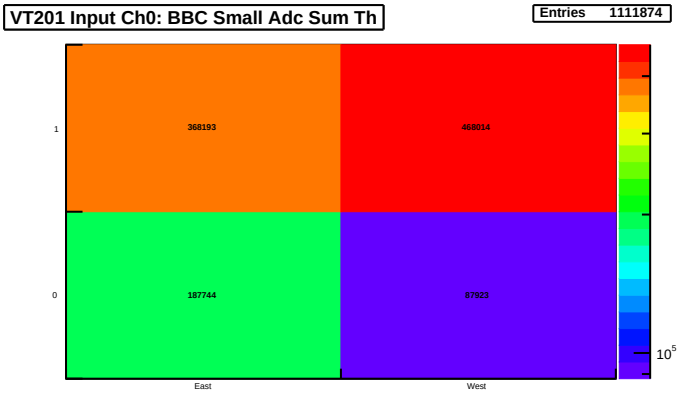

zdcWestTacVsSimu
Entries 2761
Data
Simu

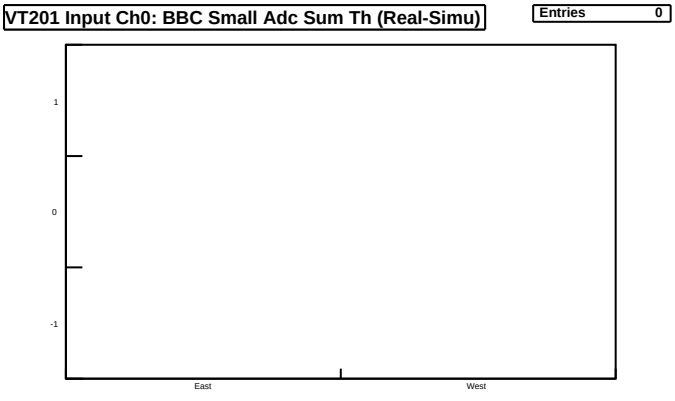

zdcAdcSum
Entries 6671244
44910
5416
25
20
8
7
111726
6319
55
45
34
30
511027
556521
555912
555917
555929
555930
444211
549618
555882
555892
555903
555907
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

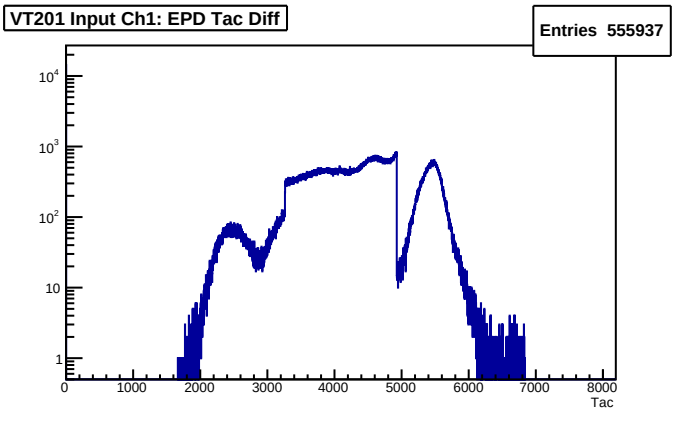

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

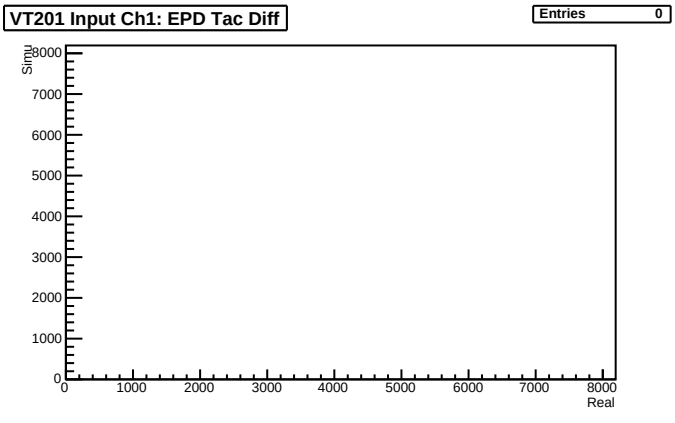

VT201 Input Ch0: BBC Small Tac Diff
Entries 555937
Tac

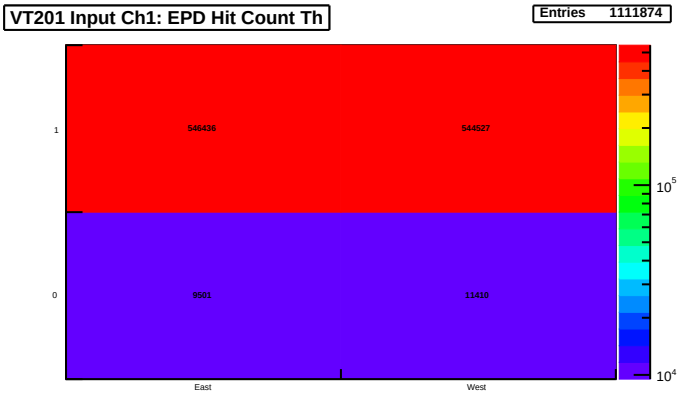

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

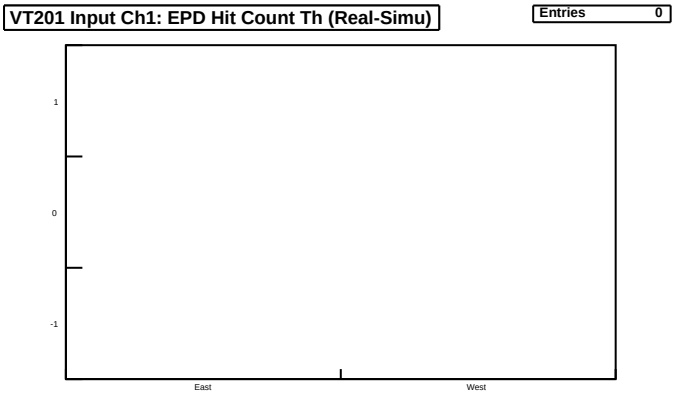

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1111874
368193
468014
187744
87923
East
West

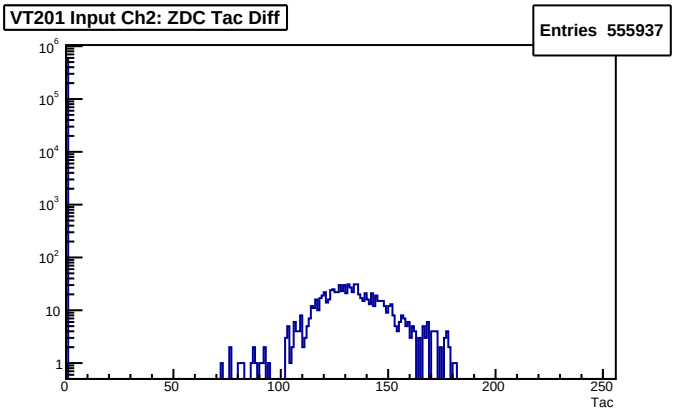

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

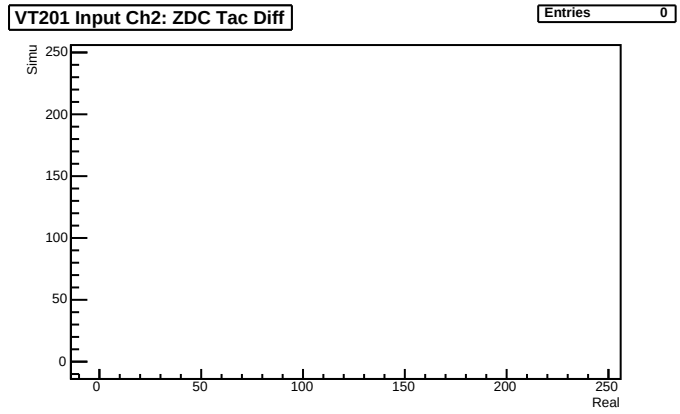

VT201 Input Ch1: EPD Tac Diff
Entries 555937
Tac

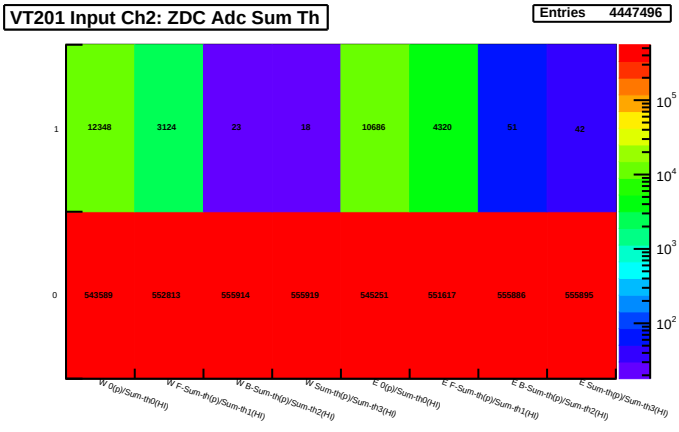

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

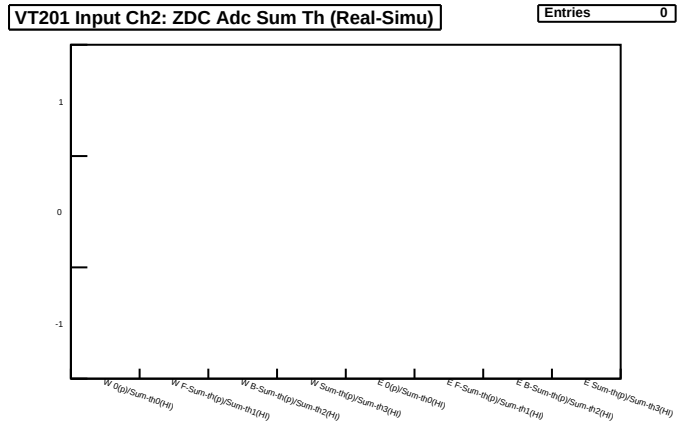

VT201 Input Ch1: EPD Hit Count Th
Entries 1111874
546436
544527
9501
11410
East
West

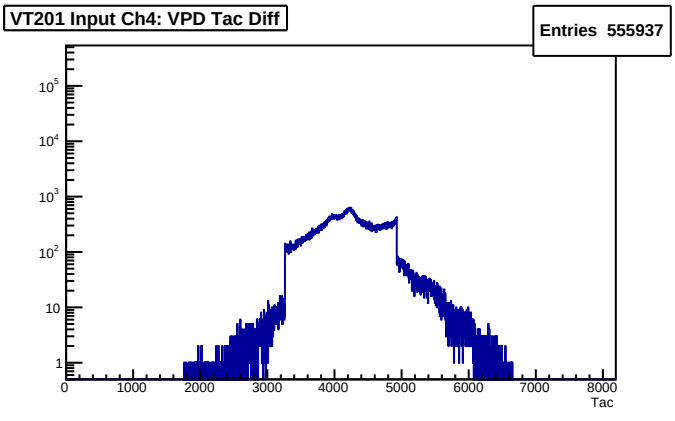

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

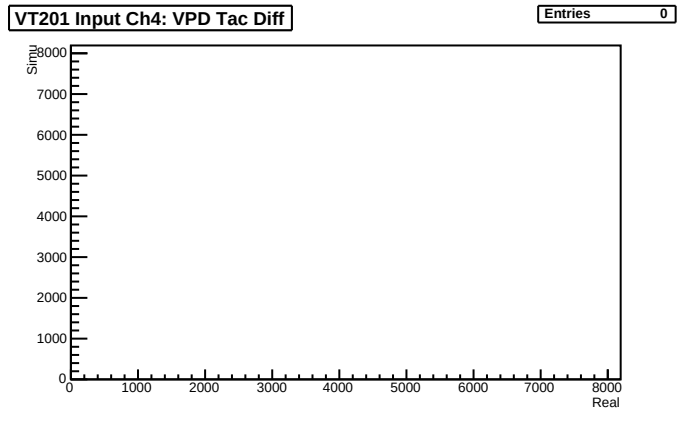

VT201 Input Ch2: ZDC Tac Diff
Entries 555937
Tac

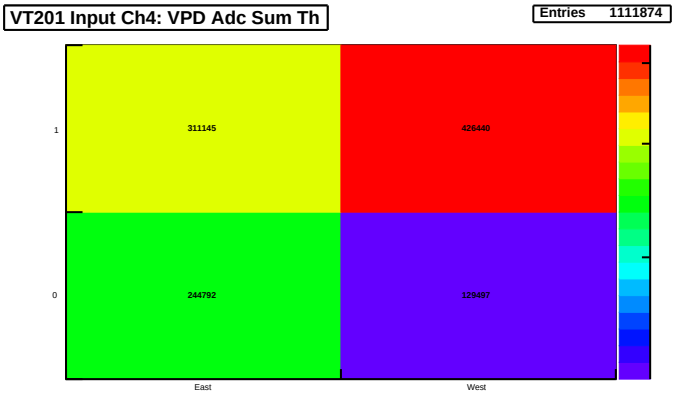

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

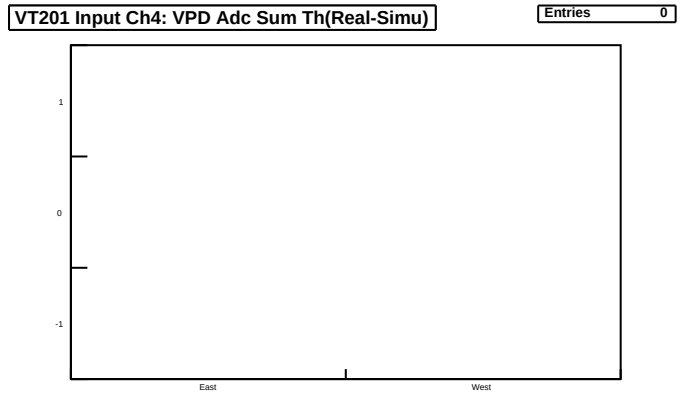

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4447496
12348
3124
23
18
10686
4320
51
42
543589
552813
555914
555919
545251
551617
555886
555895
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

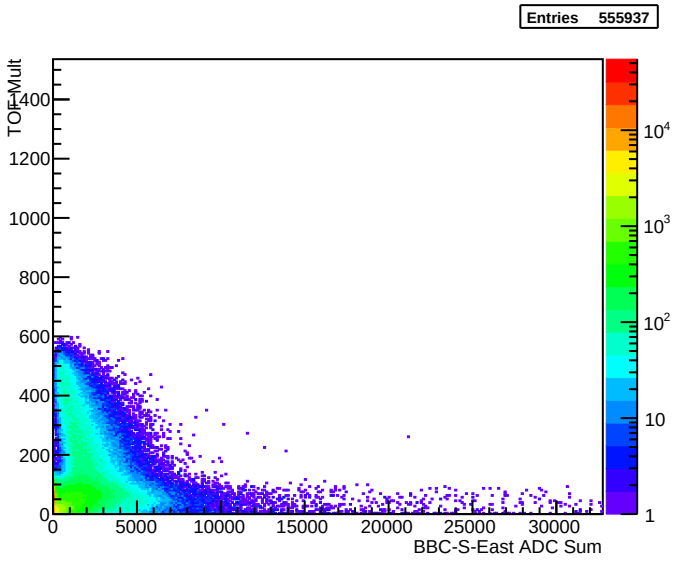

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

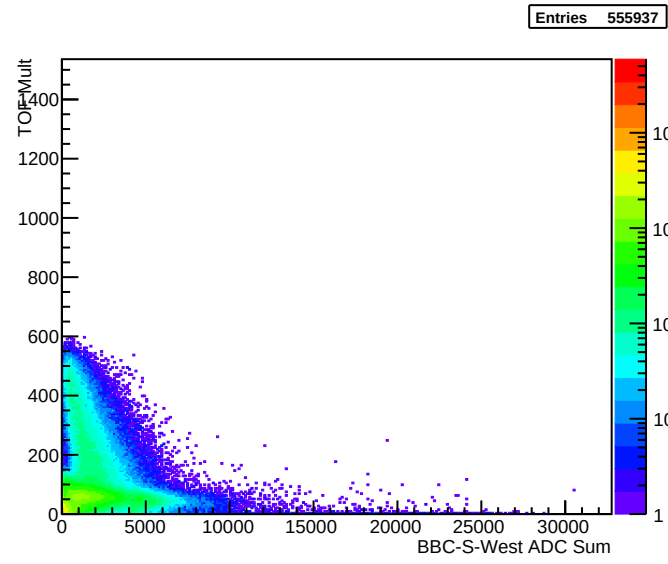

VT201 Input Ch4: VPD Tac Diff
Entries 555937
Tac

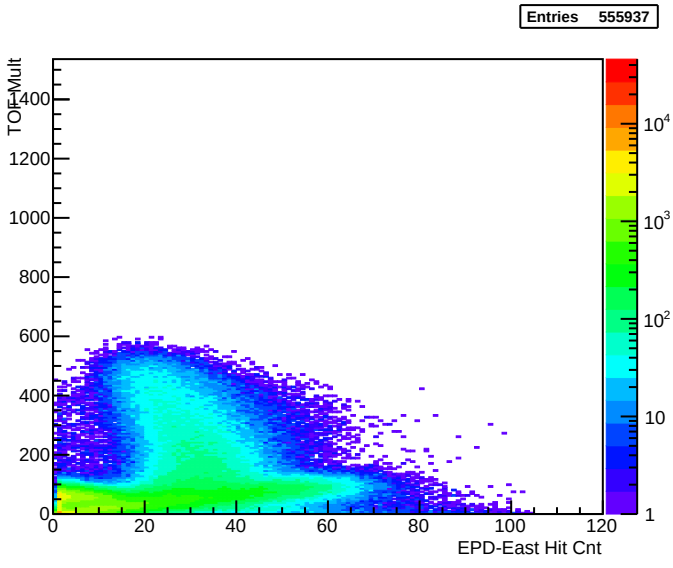

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

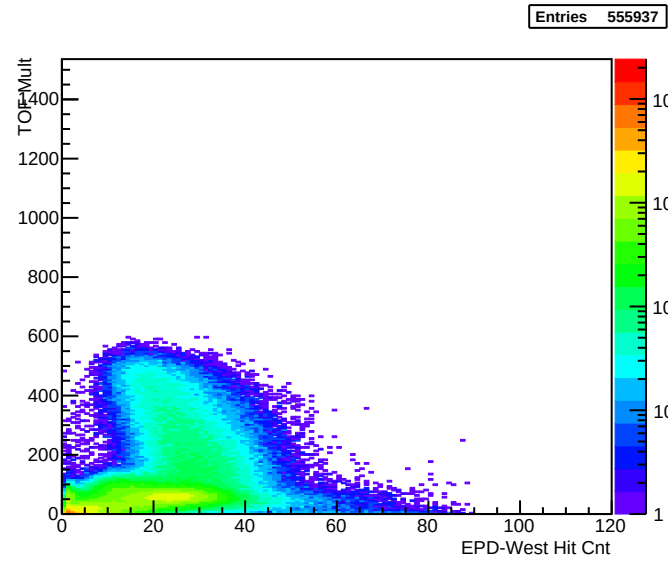

VT201 Input Ch4: VPD Adc Sum Th
Entries 1111874
311145
426440
244792
129497
East
West

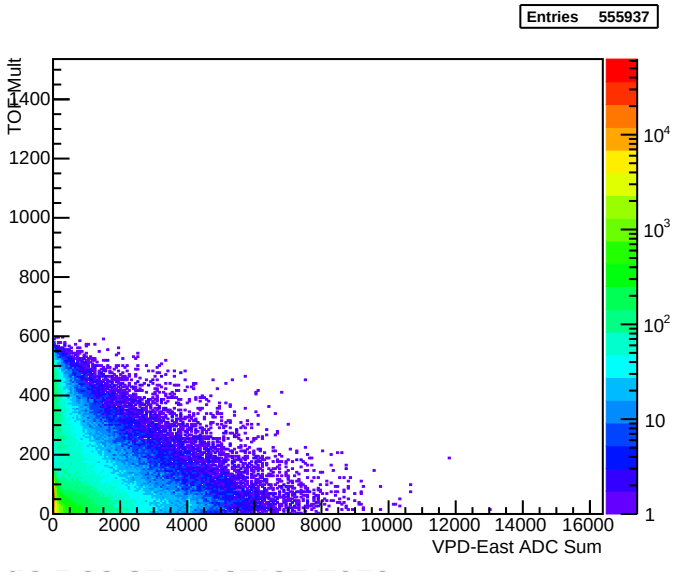

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

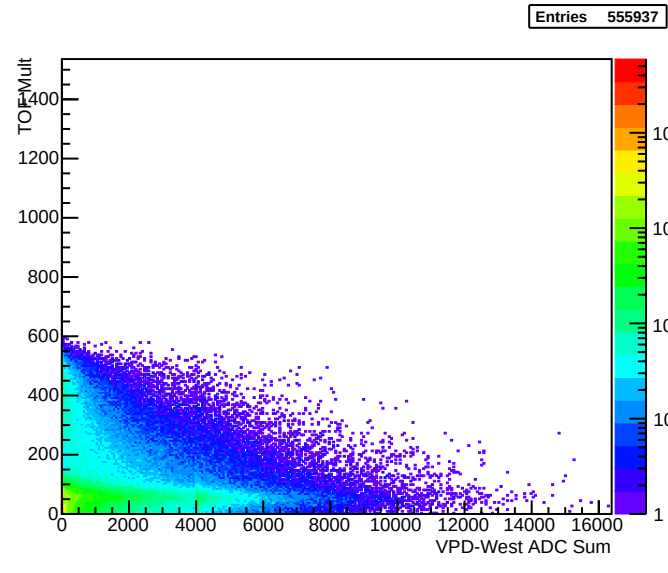

Entries 555937
TOF-Mult
BBC-S-East ADC Sum

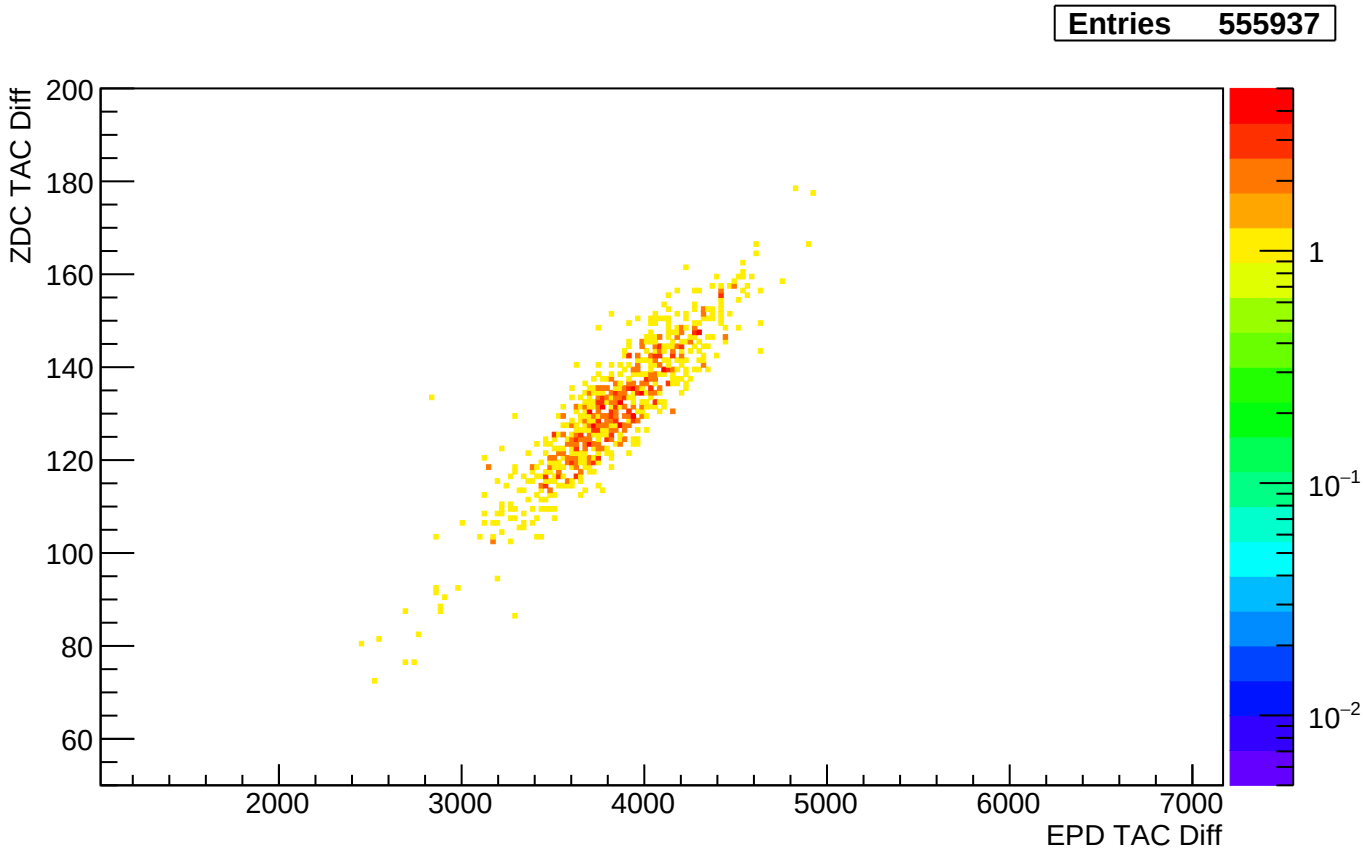

Entries 555937
TOF-Mult
BBC-S-West ADC Sum

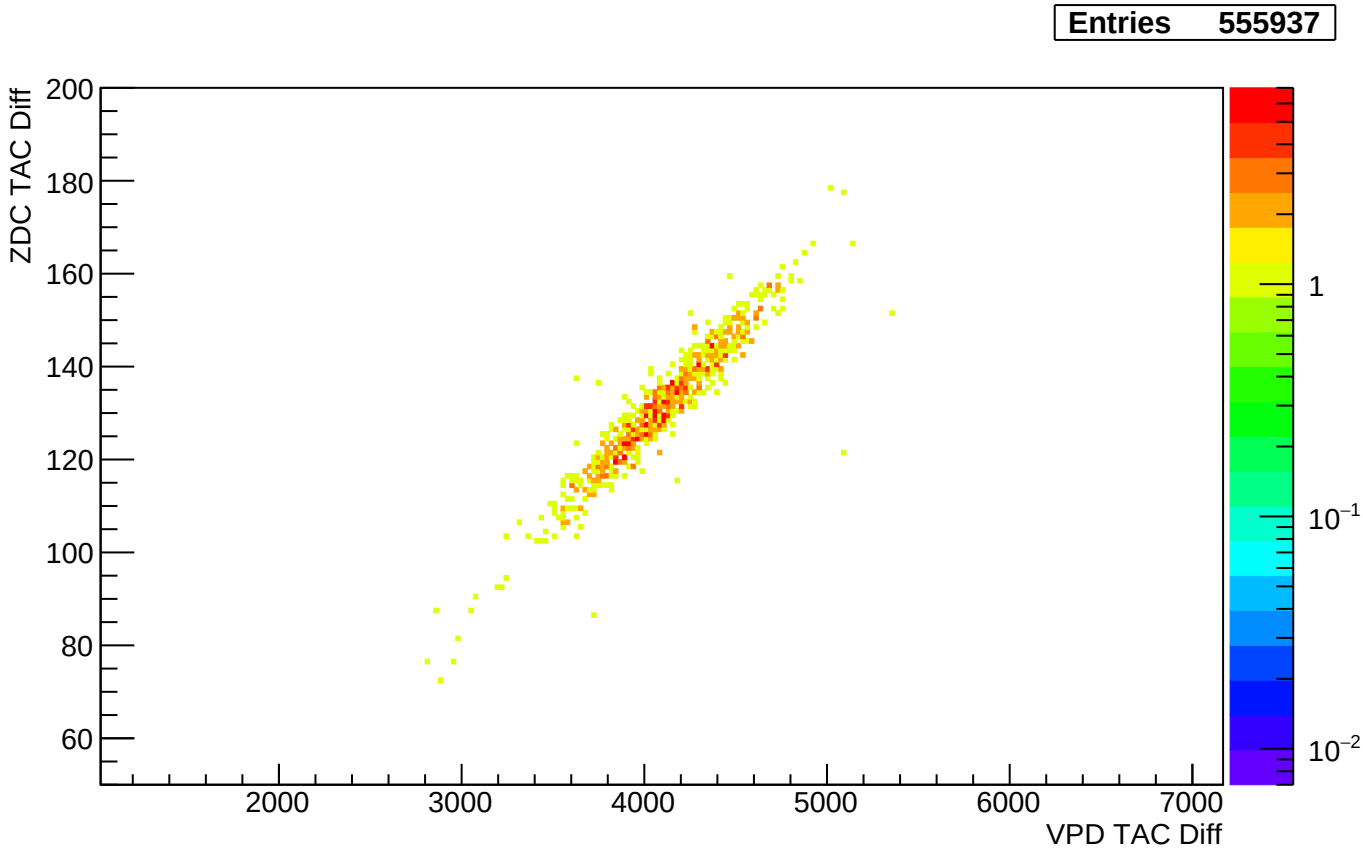

Entries 555937
TOF-Mult
EPD-East Hit Cnt

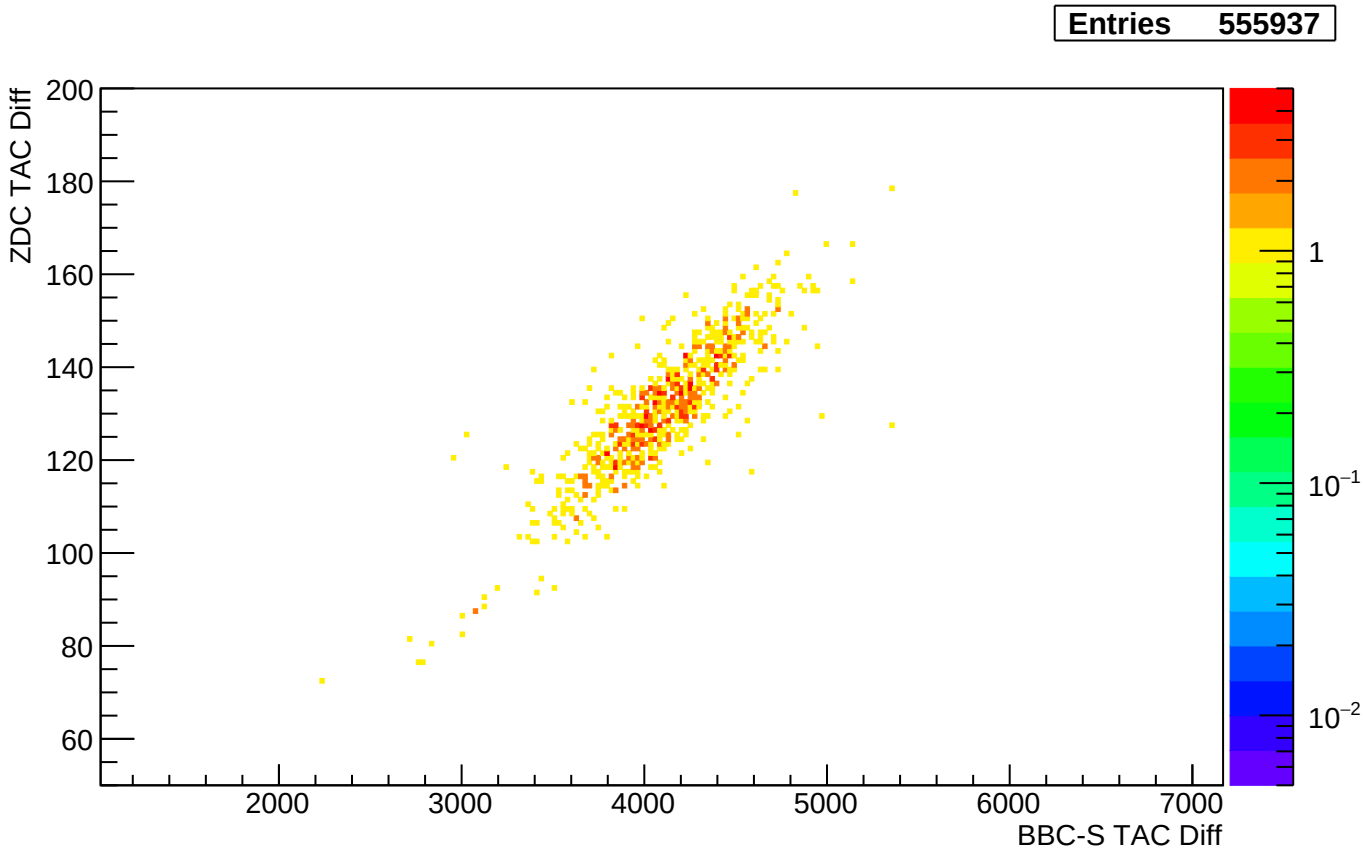

Entries 555937
TOF-Mult
EPD-West Hit Cnt

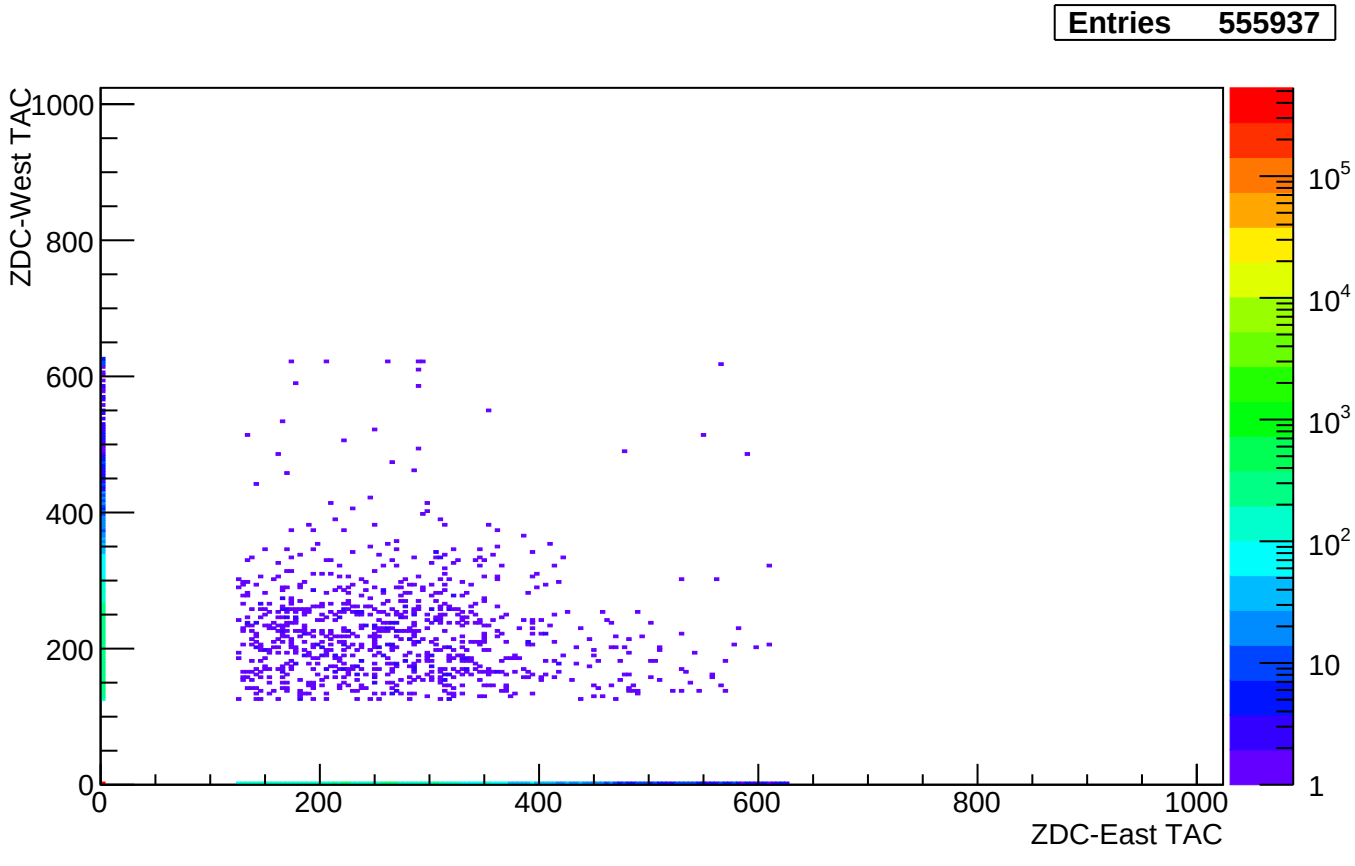

Entries 555937
TOF-Mult
VPD-East ADC Sum

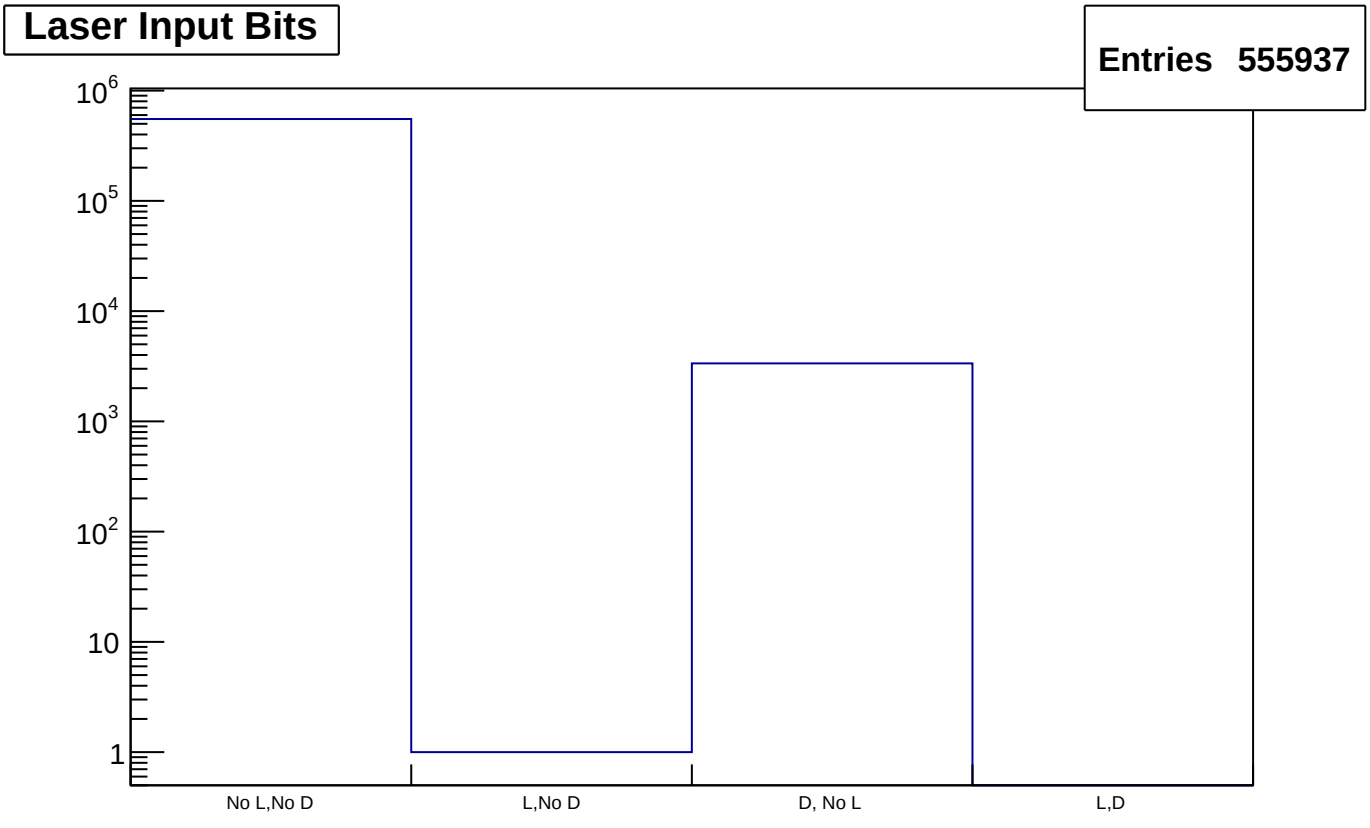

Entries 555937
TOF-Mult
VPD-West ADC Sum

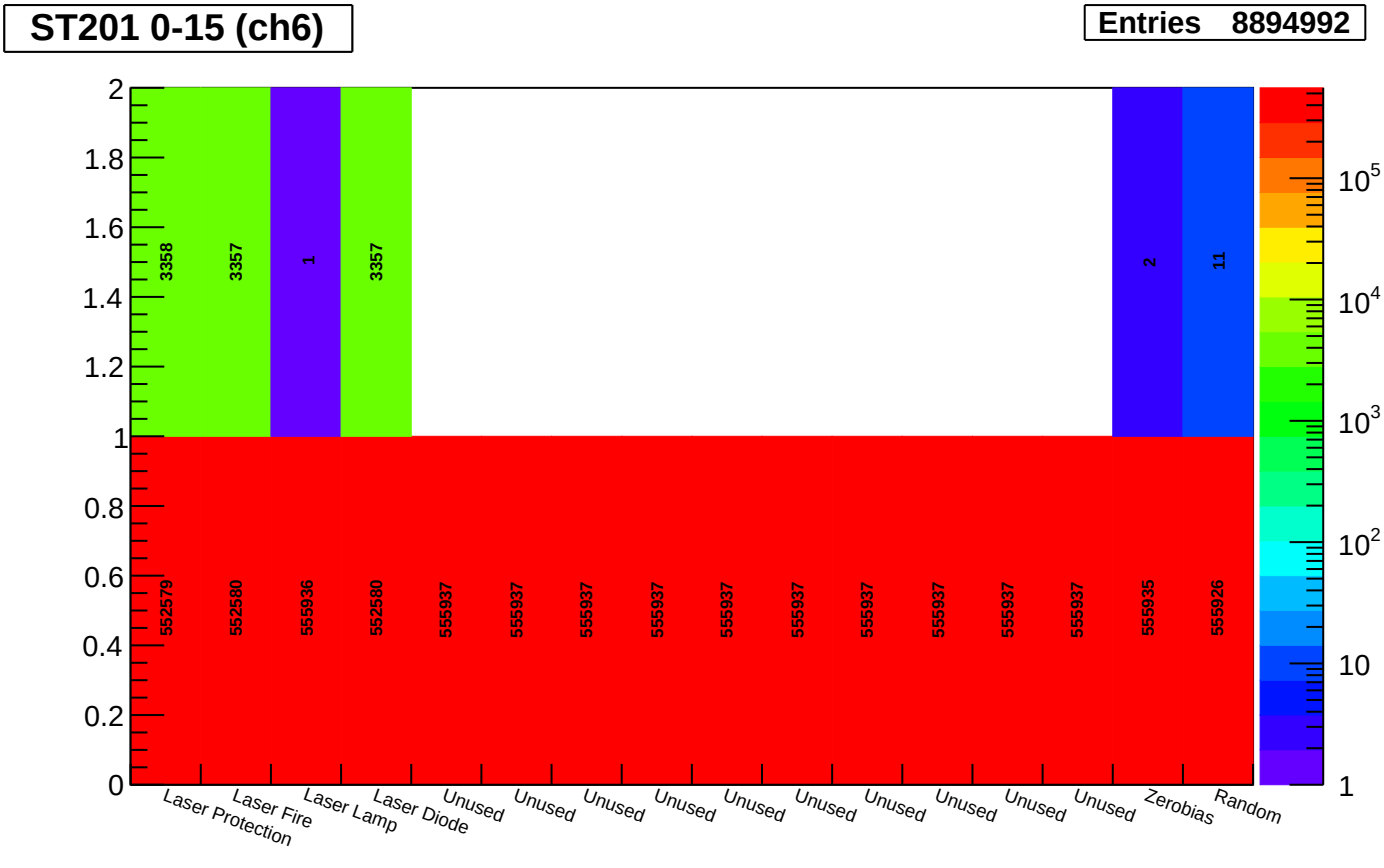

Entries 555937
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

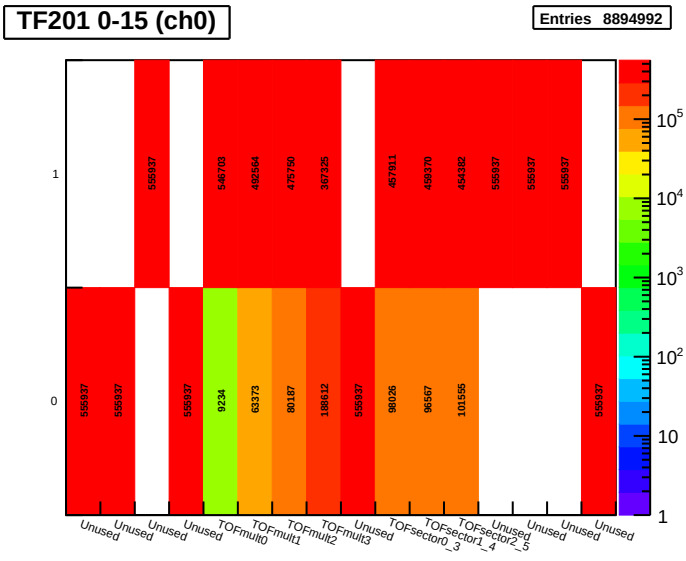

Entries 555937
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

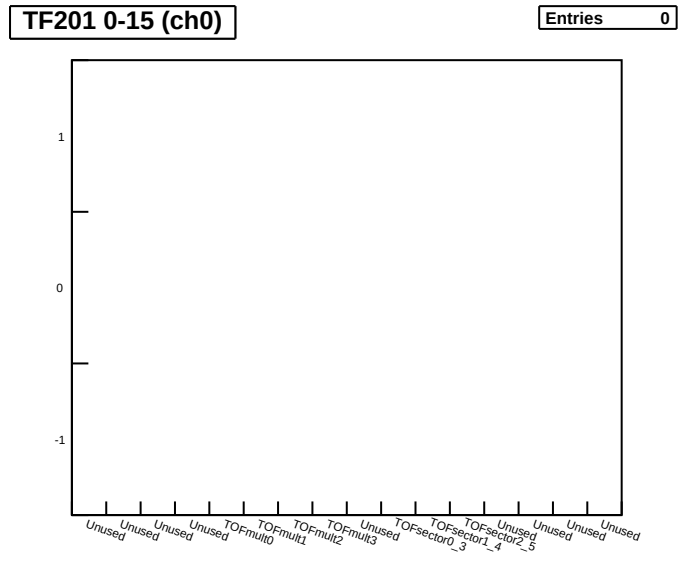

Entries 555937
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

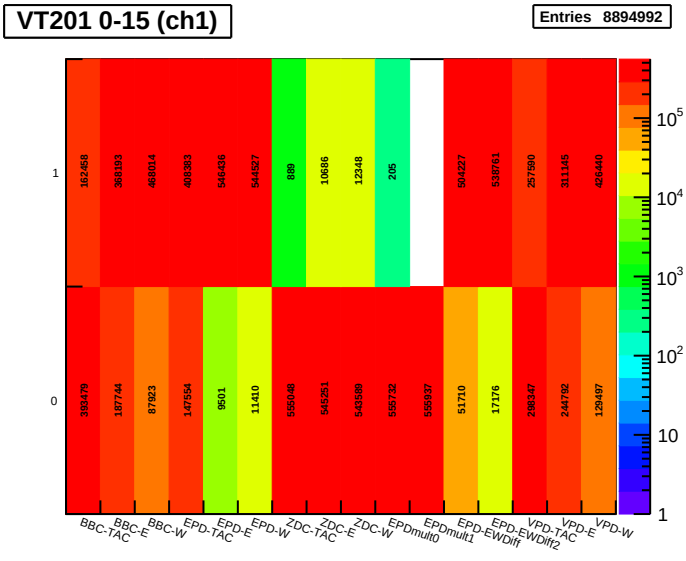

Entries 555937
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

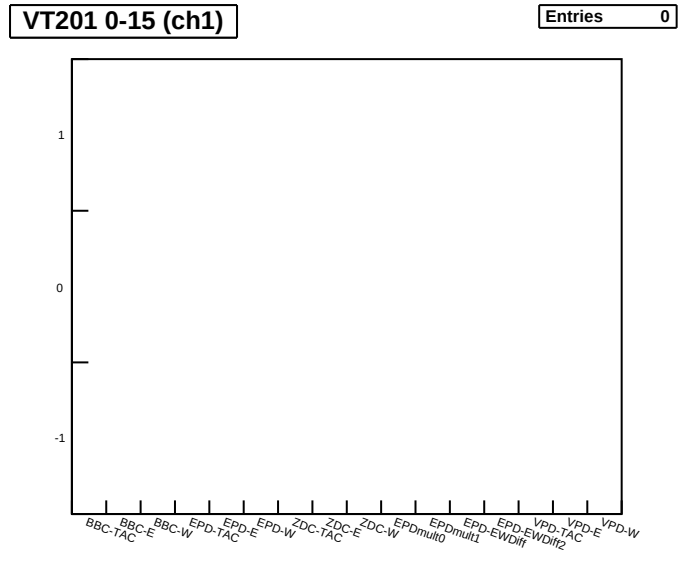

Laser Input Bits
Entries 555937
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

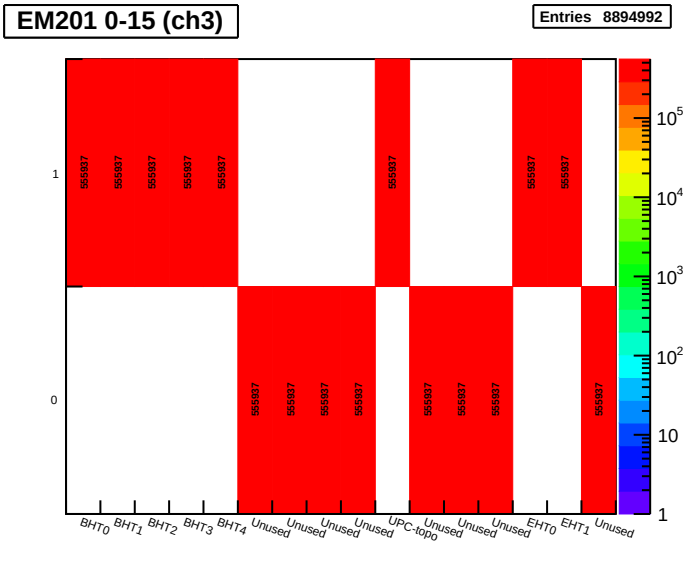

ST201 0-15 (ch6)
Entries 8894992
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3358
3357
1
3357
2
11
552579
552580
555936
552580
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555935
555926
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

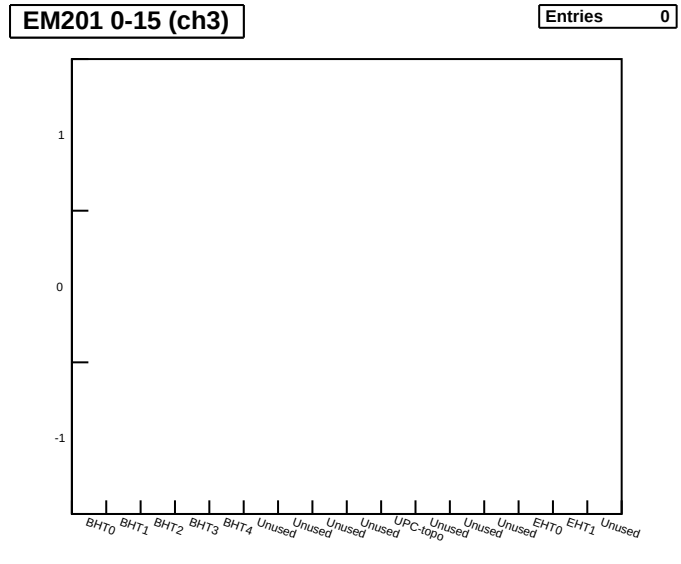

TF201 0-15 (ch0)
Entries 8894992
1
0
555937
546703
492564
475750
367325
457911
459370
454382
555937
555937
555937
555937
555937
555937
9234
63373
80187
188612
555937
98026
96567
101555
555937
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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
Unused


VT201 0-15 (ch1)
Entries 8894992
1
0
162458
368193
468014
408383
546436
544527
889
10696
12348
205
504227
538761
257590
311145
426440
339479
187744
87923
147554
9501
11410
555048
545251
543589
555732
555937
51710
17176
298347
244792
129497
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 8894992
1
0
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
555937
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