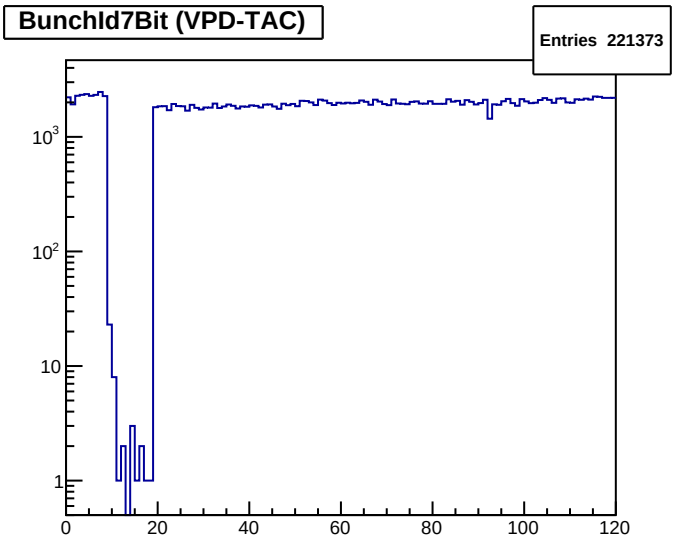
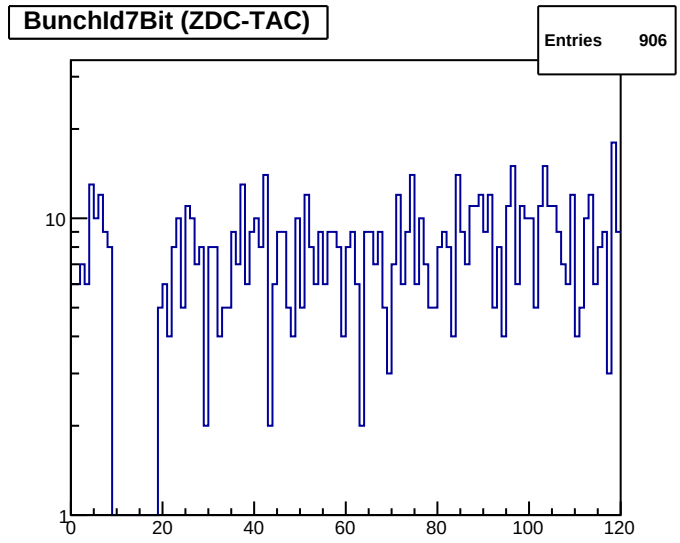
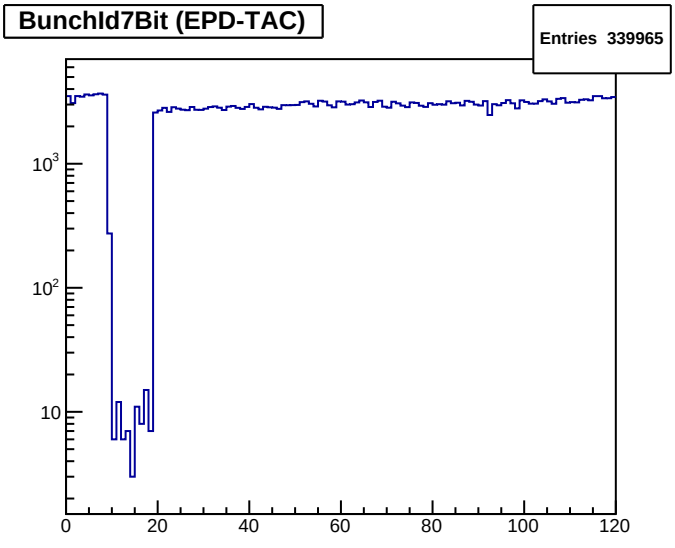
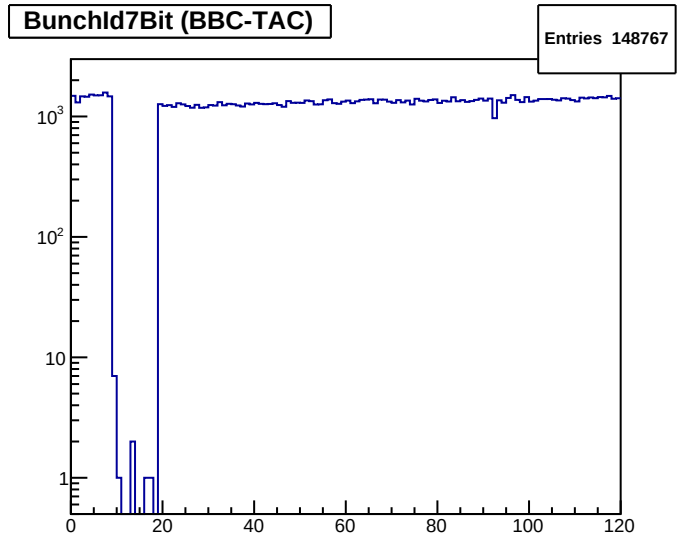
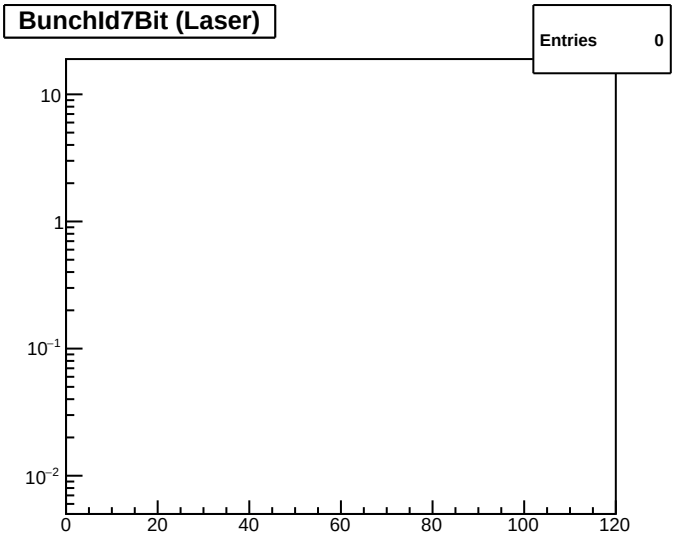
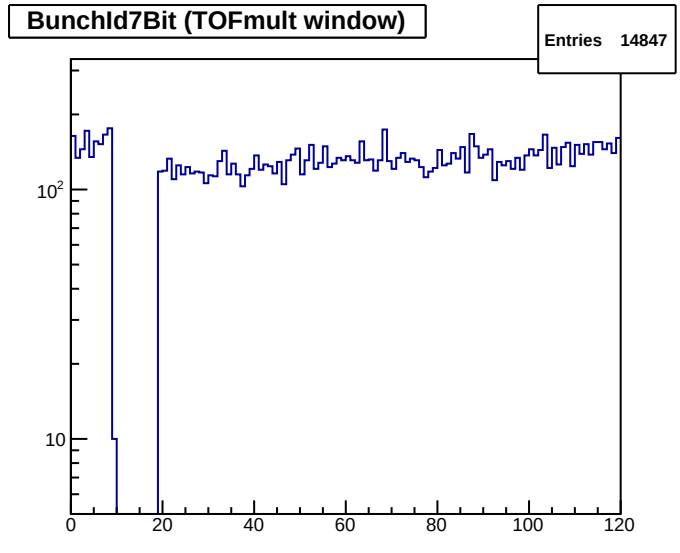

BunchId7Bit (VPD-TAC)
Entries 221373

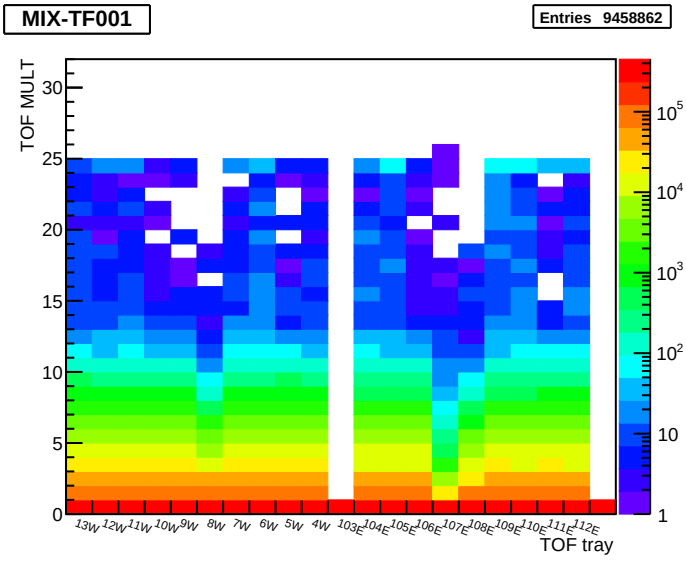

BunchId7Bit (ZDC-TAC)
Entries 906

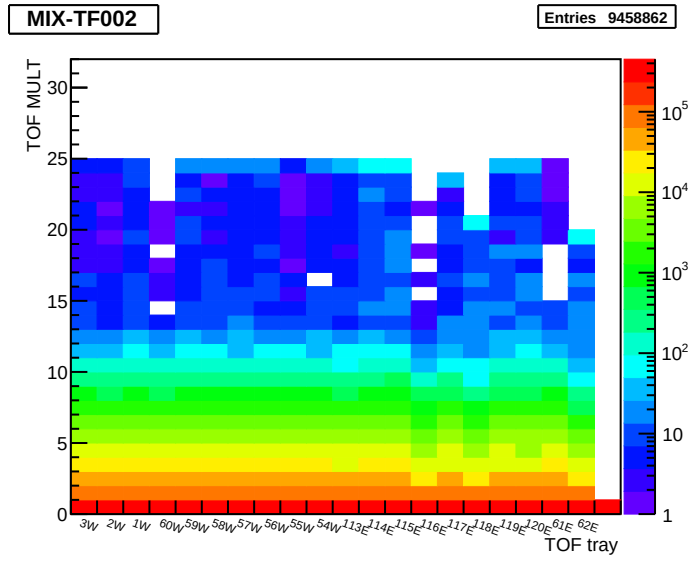

BunchId7Bit (EPD-TAC)
Entries 339965

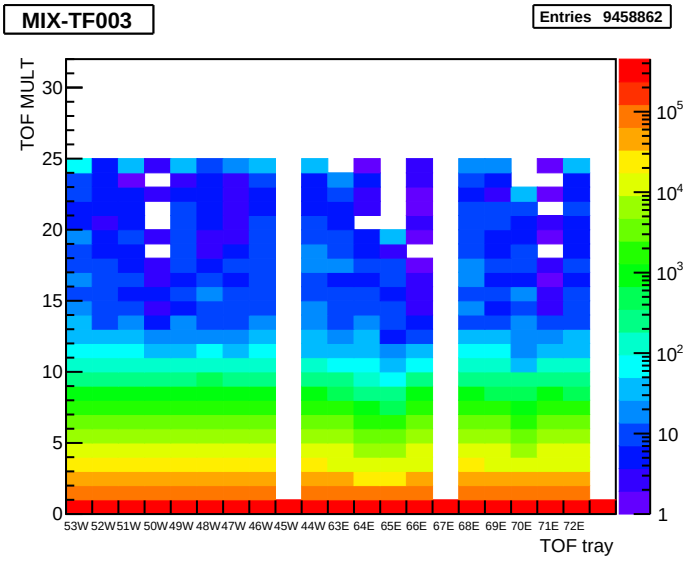

BunchId7Bit (BBC-TAC)
Entries 148767

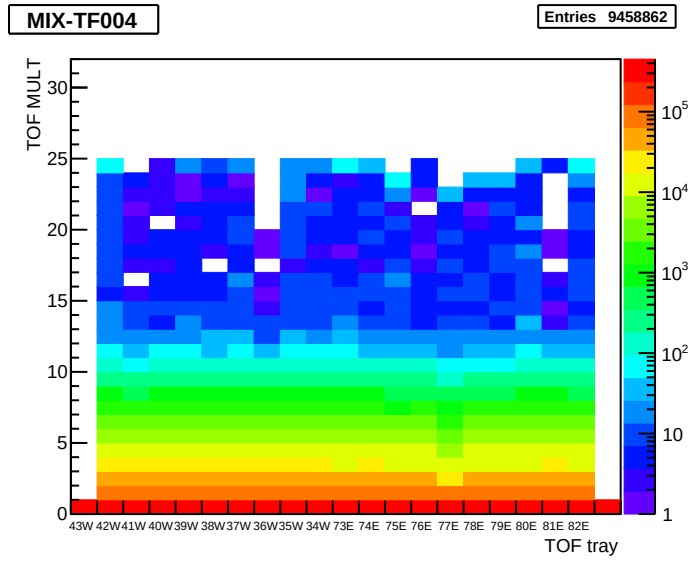

BunchId7Bit (Laser)
Entries 0

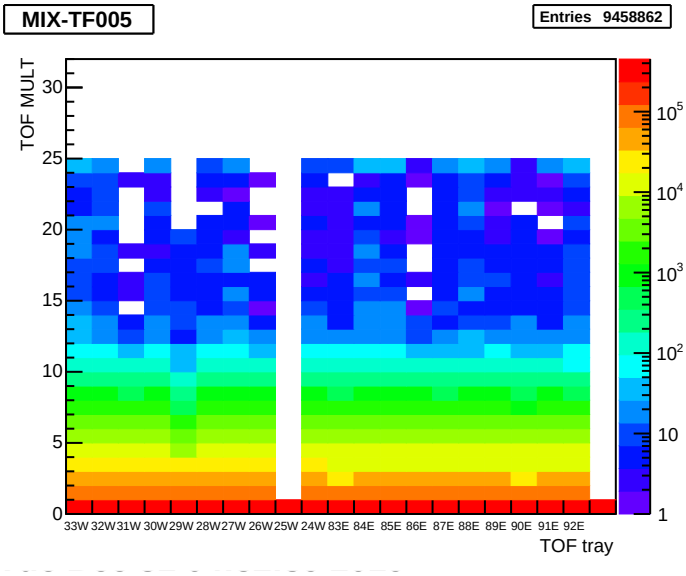

BunchId7Bit (TOFmult window)
Entries 14847

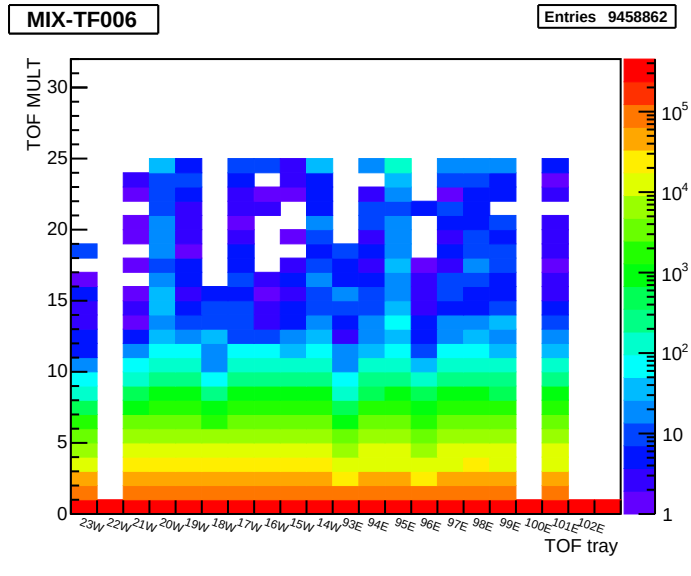

MIX-TF001
Entries 9458862
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

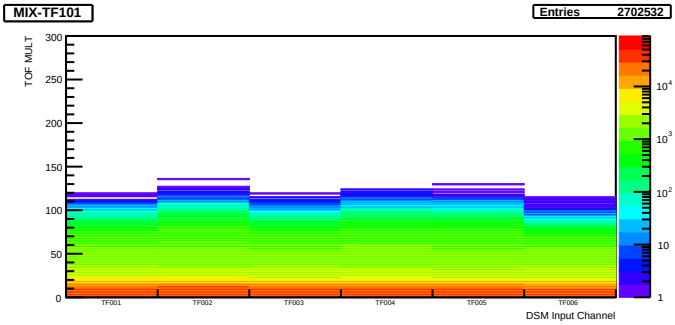

MIX-TF002
Entries 9458862
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

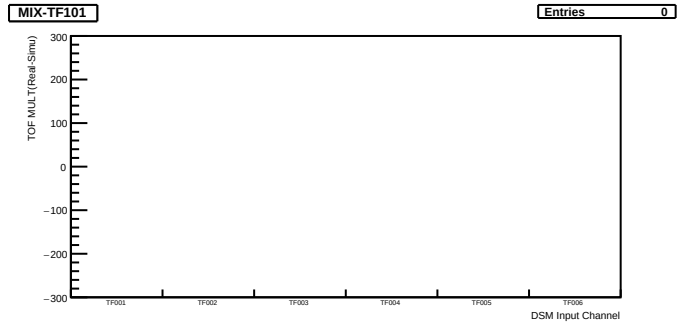

MIX-TF003
Entries 9458862
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

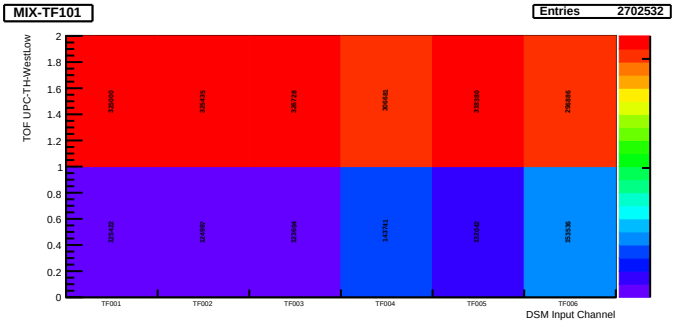

MIX-TF004
Entries 9458862
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

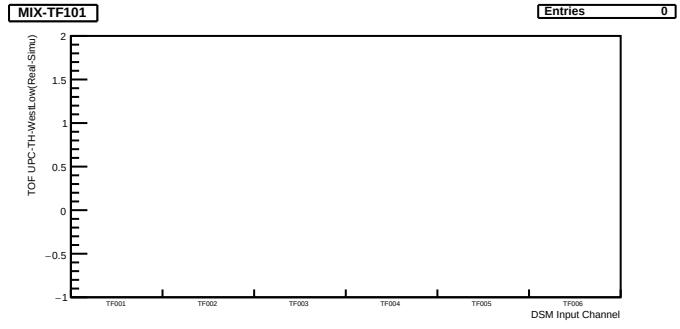

MIX-TF005
Entries 9458862
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

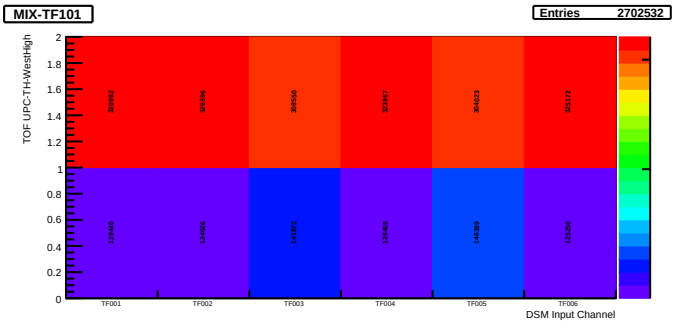

MIX-TF006
Entries 9458862
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

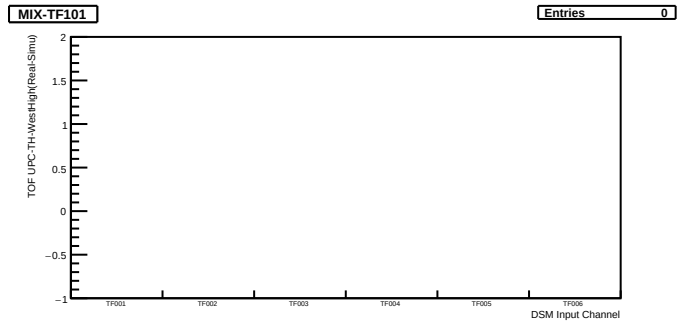

MIX-TF101
Entries 2702532
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

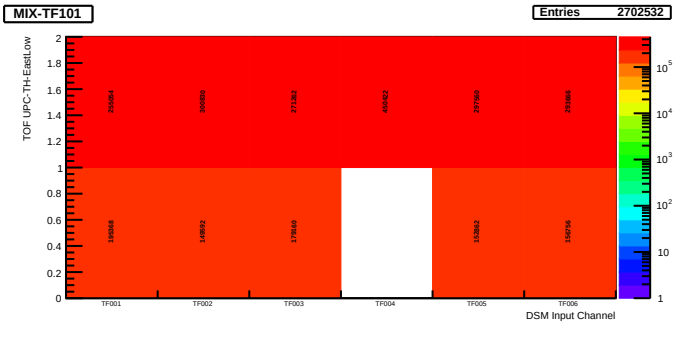

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

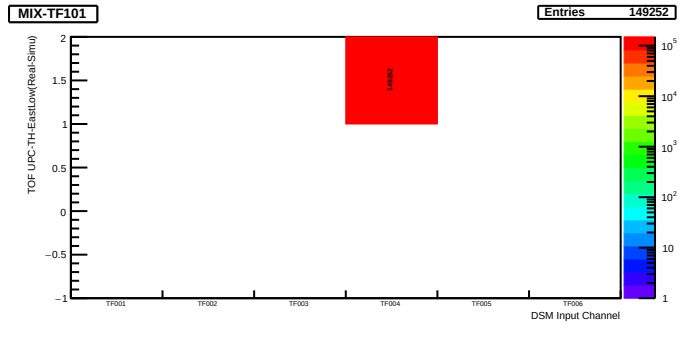

MIX-TF101
Entries 2702532
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

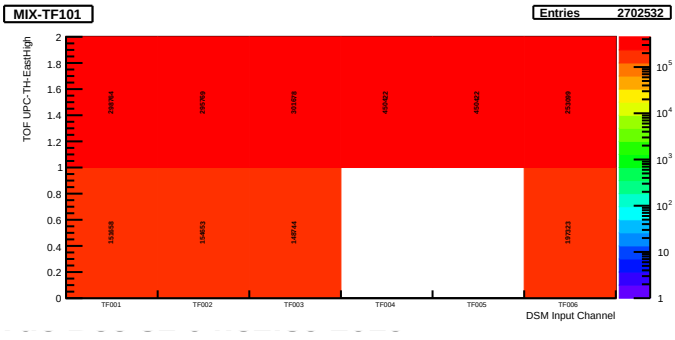

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

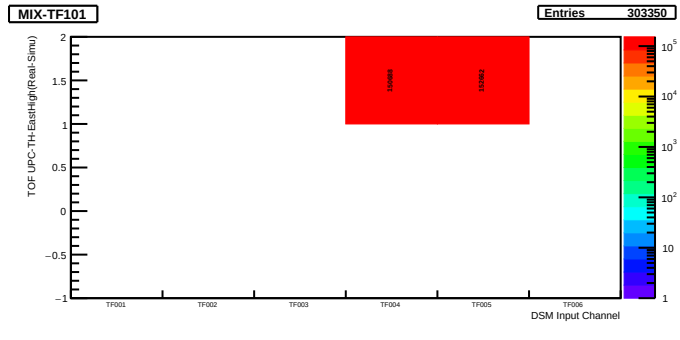

MIX-TF101
Entries 2702532
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

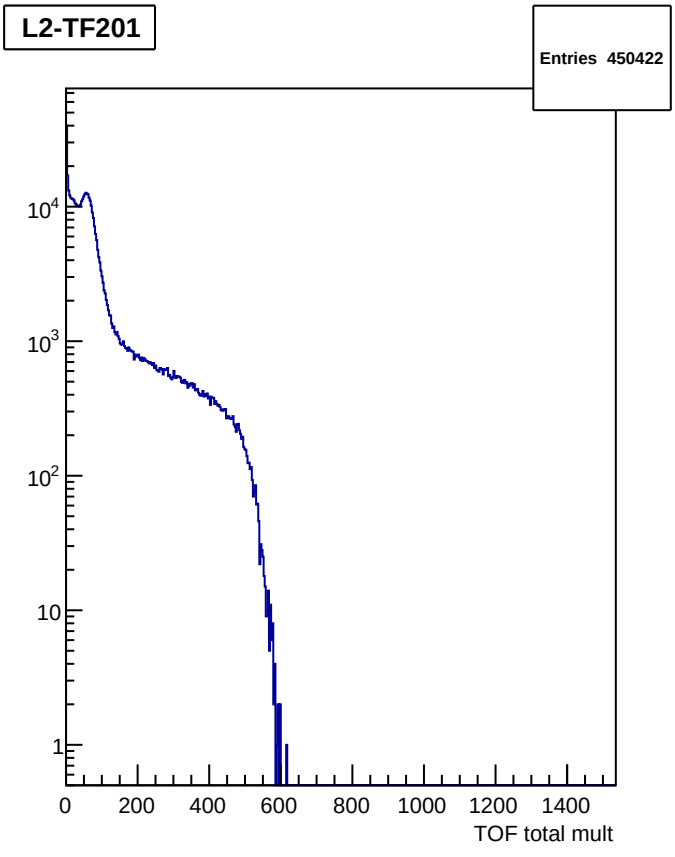

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

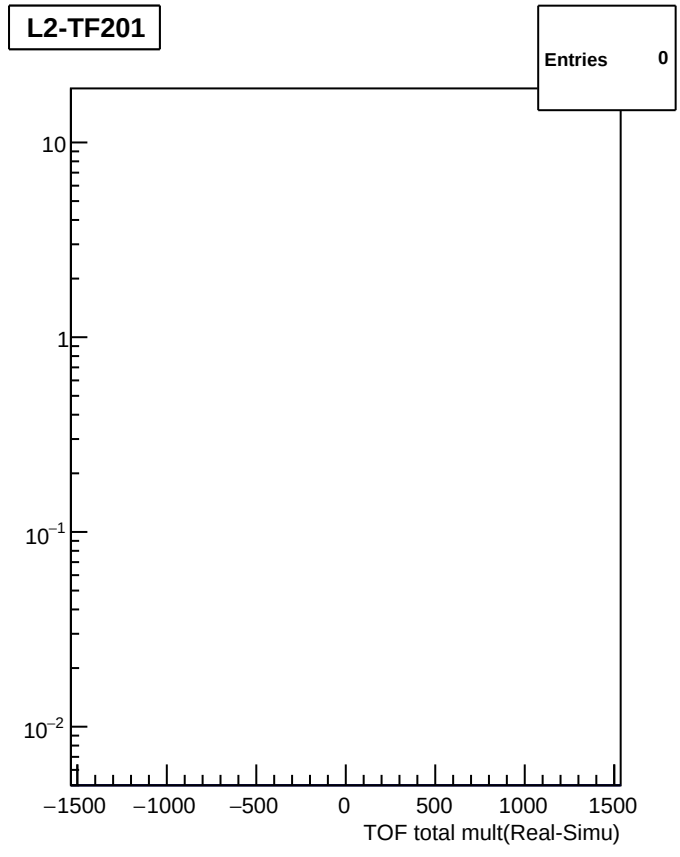

MIX-TF101
Entries 2702532
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

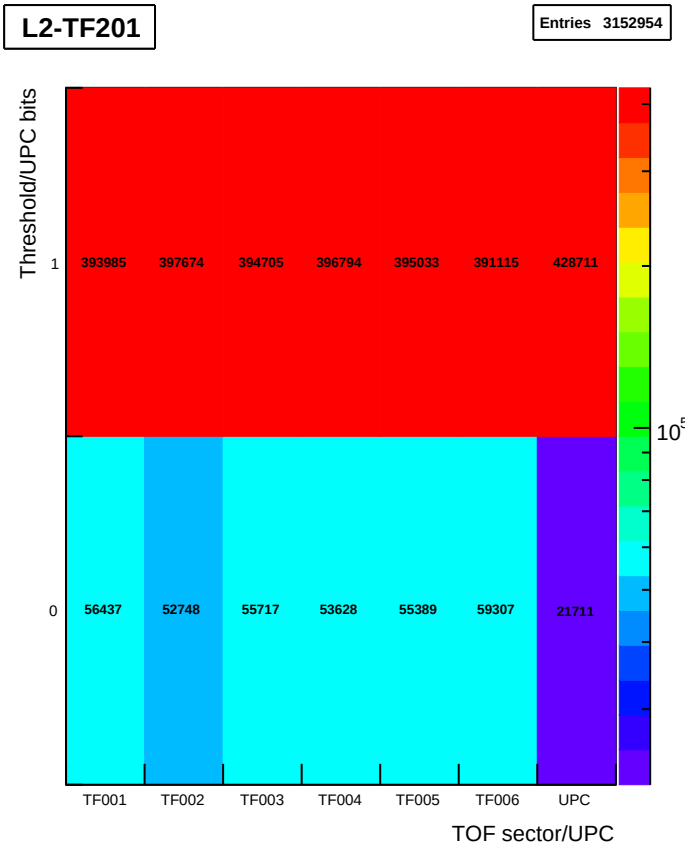

MIX-TF101
Entries 149252
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

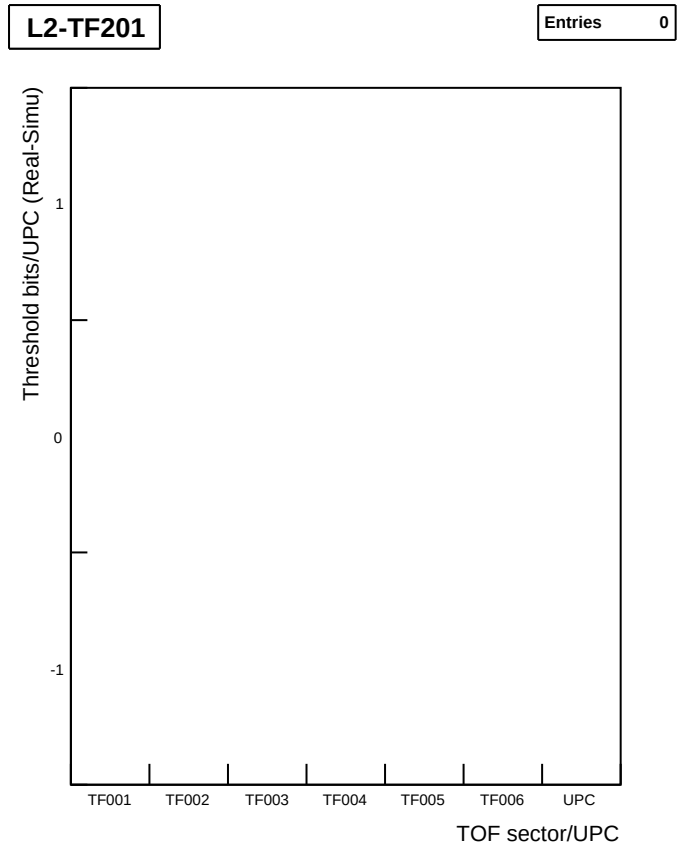

MIX-TF101
Entries 2702532
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

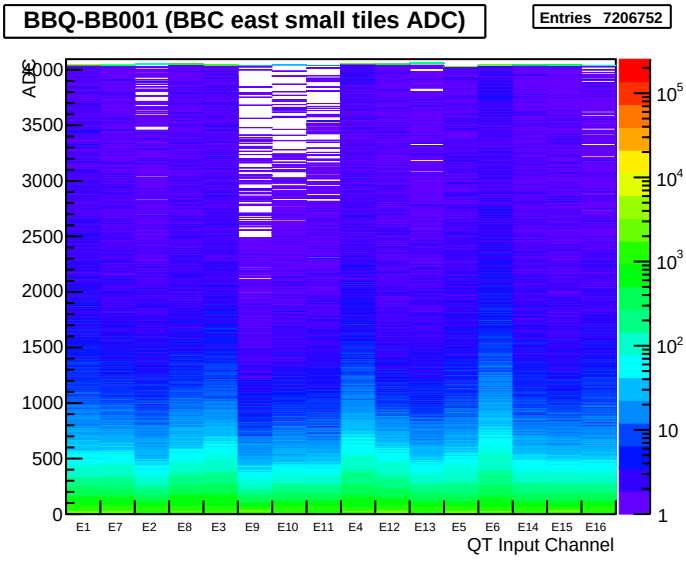

MIX-TF101
Entries 303350
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

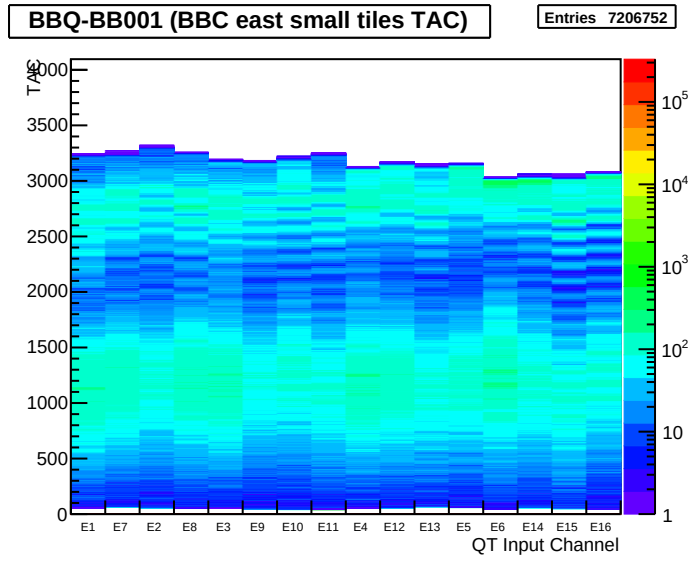

L2-TF201
Entries 450422
TOF total mult

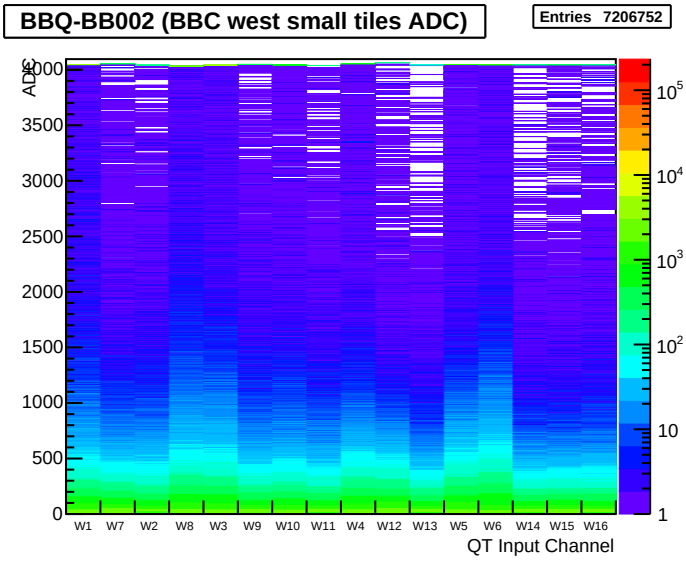

L2-TF201
Entries 0
TOF total mult(Real-Simu)

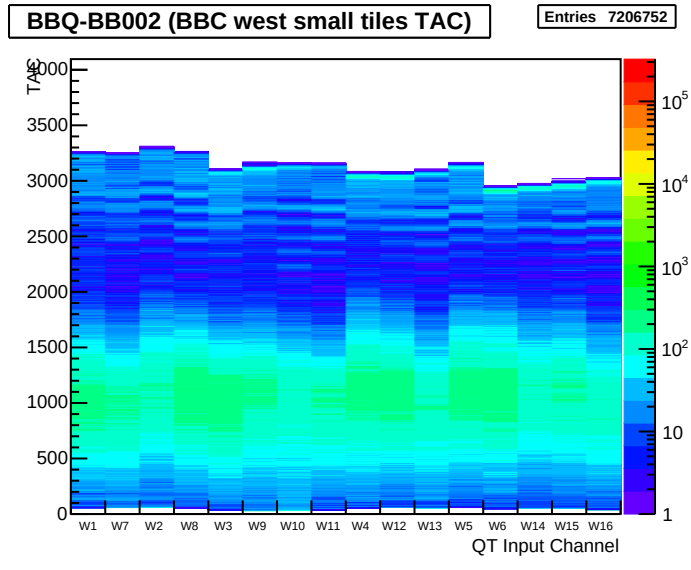

L2-TF201
Entries 3152954
Threshold/UPC bits
393985
397674
394705
396794
395033
391115
428711
56437
52748
55717
53628
55389
59307
21711
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

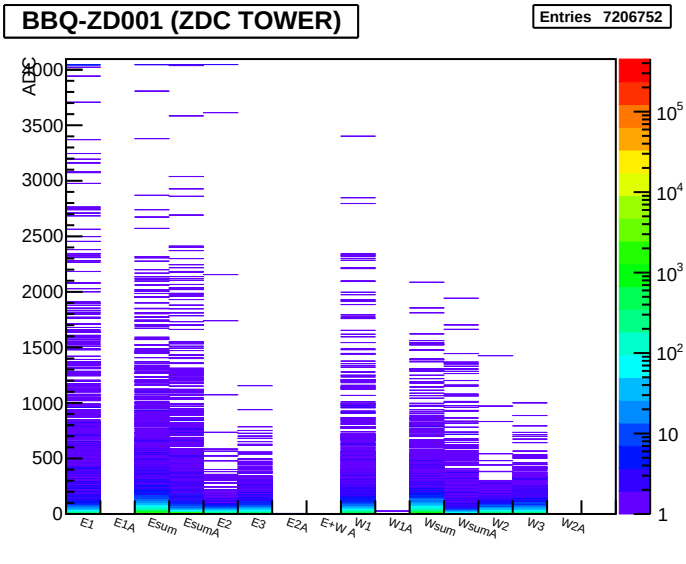

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

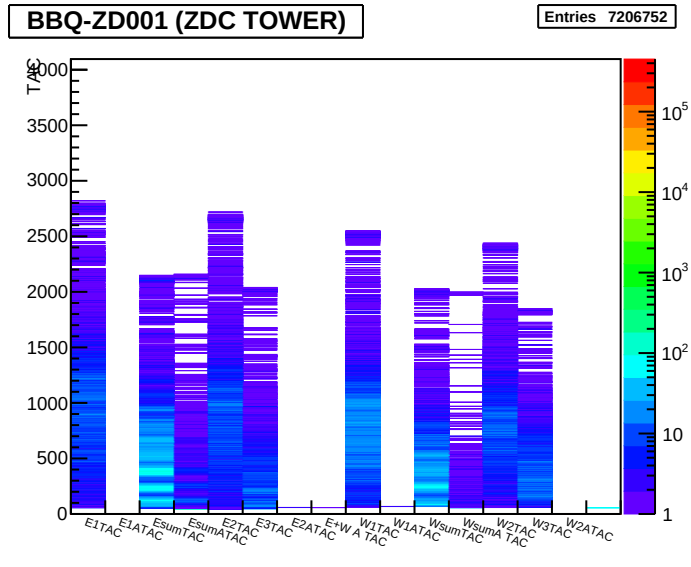

BBQ-BB001 (BBC east small tiles ADC)
Entries 7206752
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

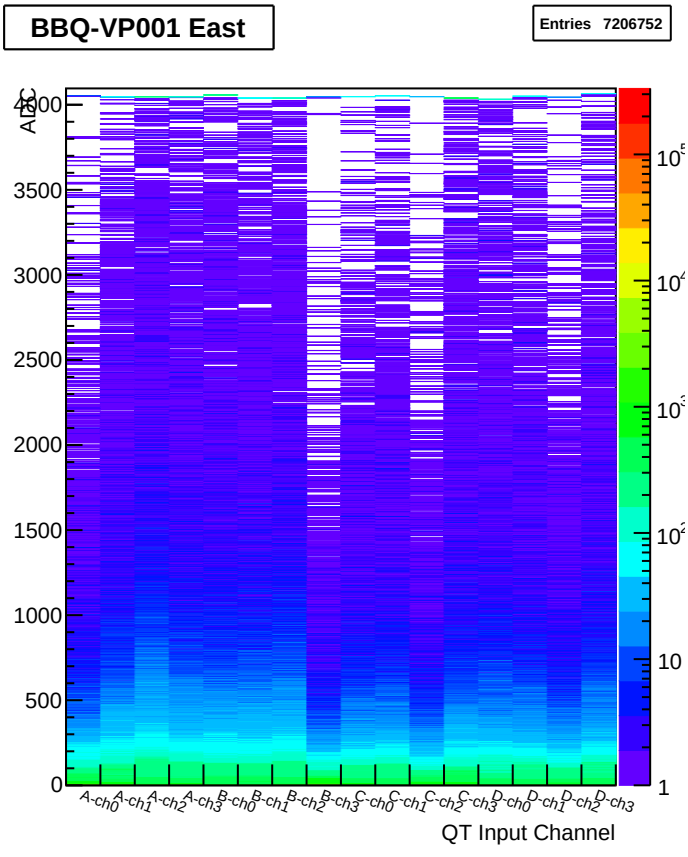

BBQ-BB001 (BBC east small tiles TAC)
Entries 7206752
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

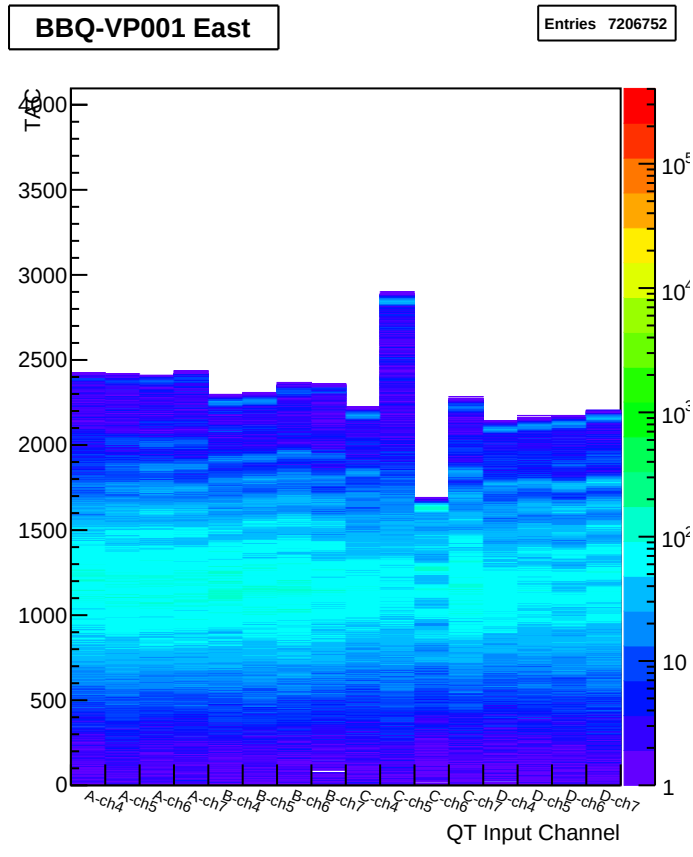

BBQ-BB002 (BBC west small tiles ADC)
Entries 7206752
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

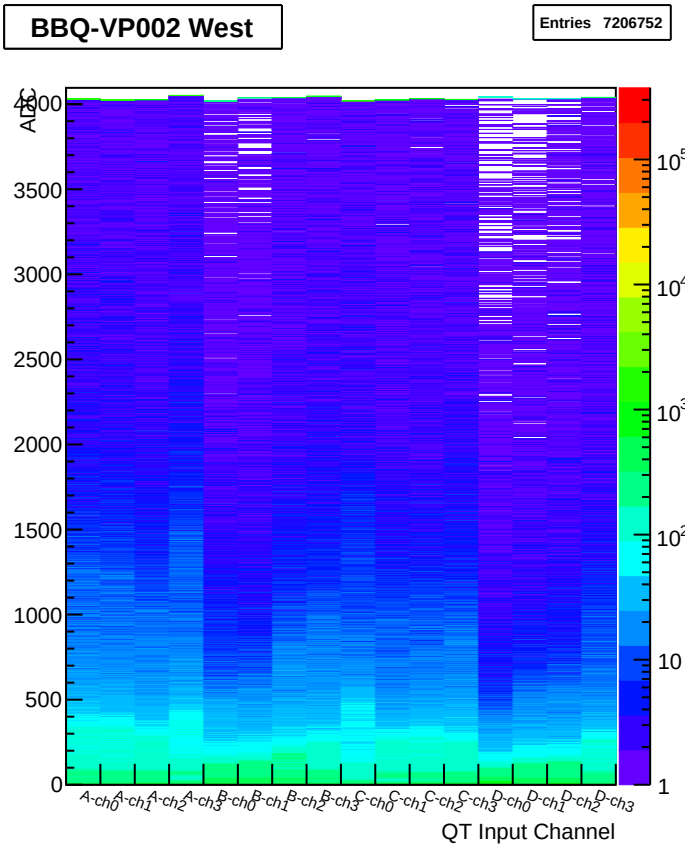

BBQ-BB002 (BBC west small tiles TAC)
Entries 7206752
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

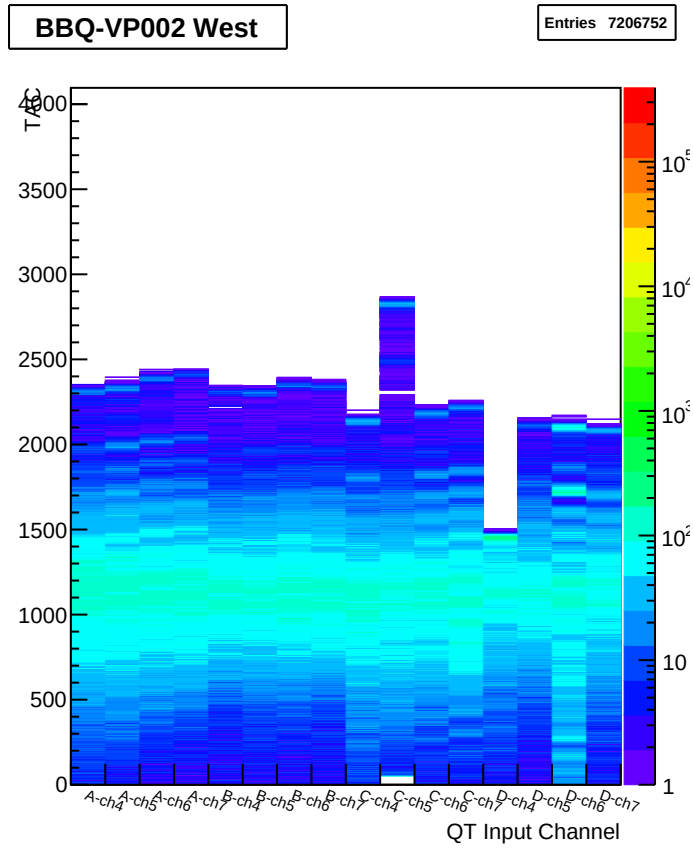

BBQ-ZD001 (ZDC TOWER)
Entries 7206752
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

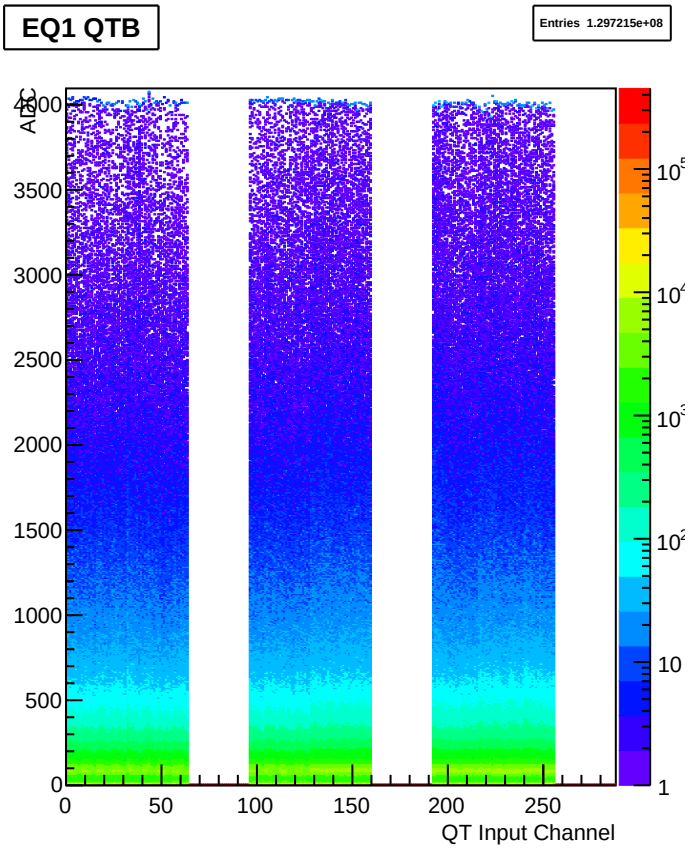

BBQ-ZD001 (ZDC TOWER)
Entries 7206752
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

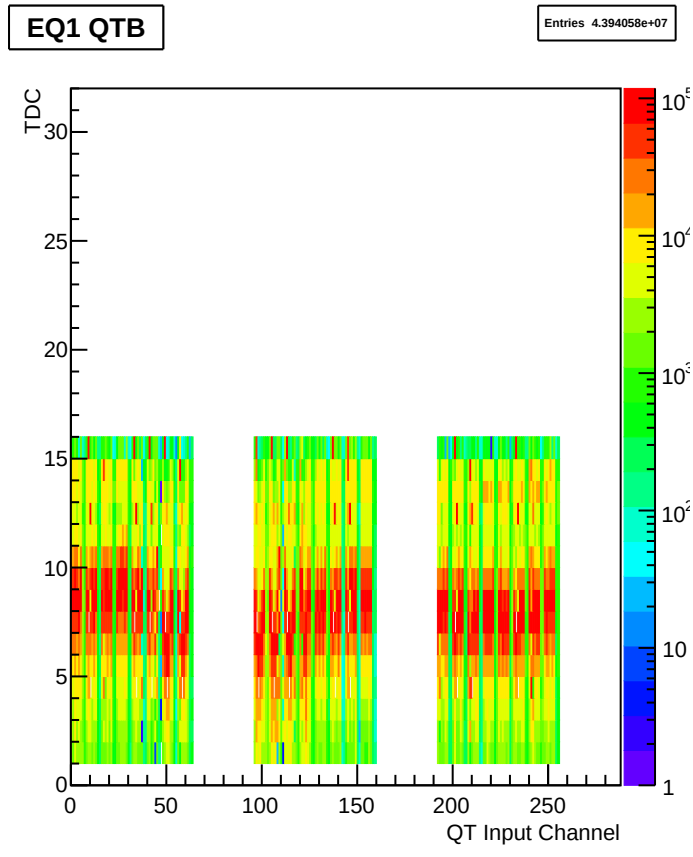

BBQ-VP001 East
Entries 7206752
ADC
QT Input Channel

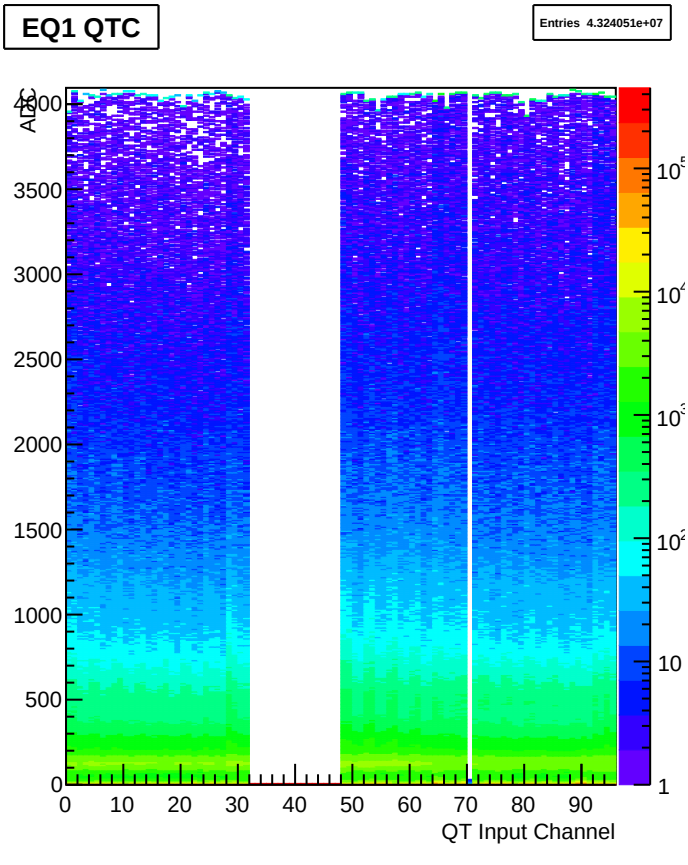

BBQ-VP001 East
Entries 7206752
ADC
QT Input Channel

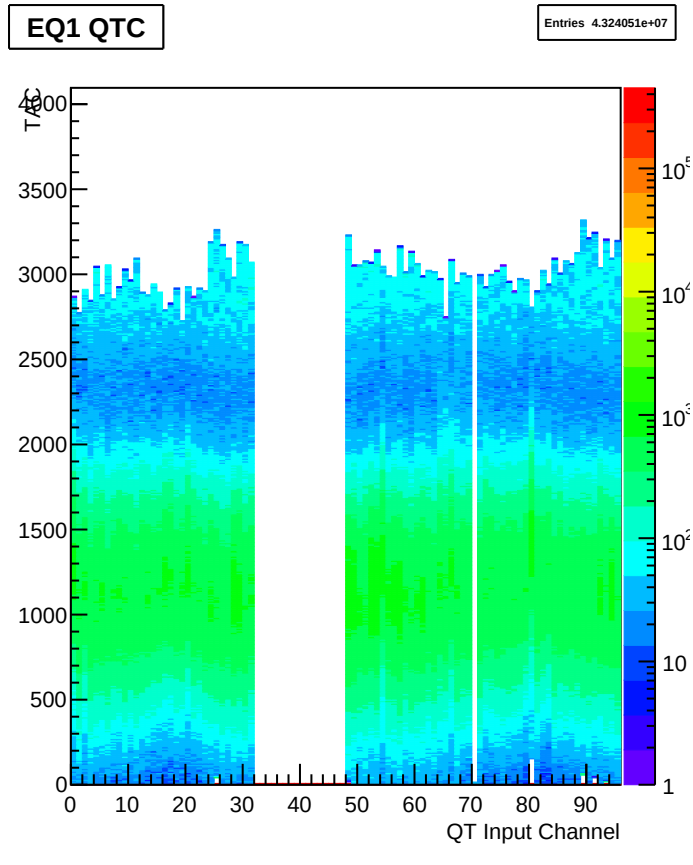

BBQ-VP002 West
Entries 7206752
ADC
QT Input Channel

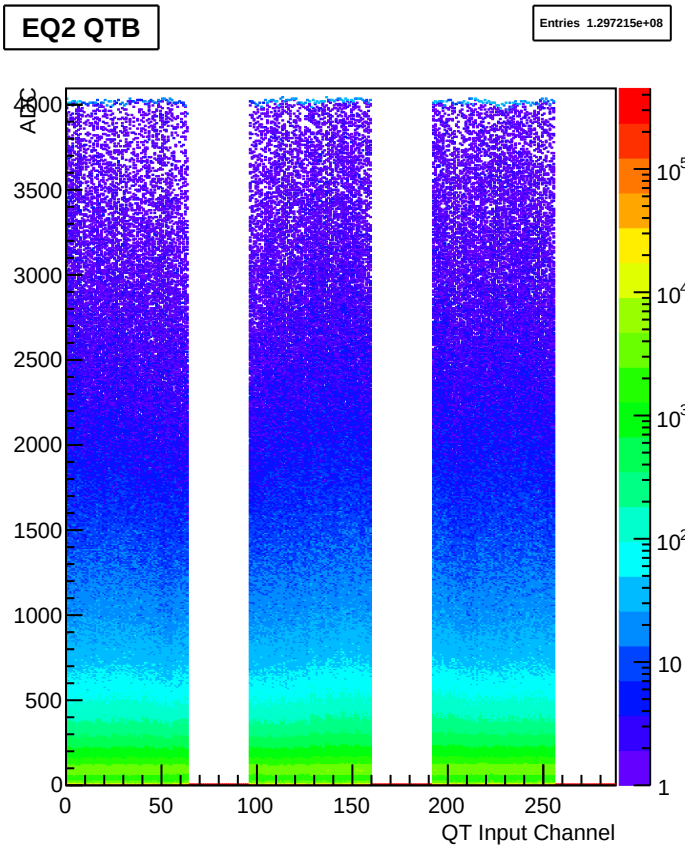

BBQ-VP002 West
Entries 7206752
ADC
QT Input Channel

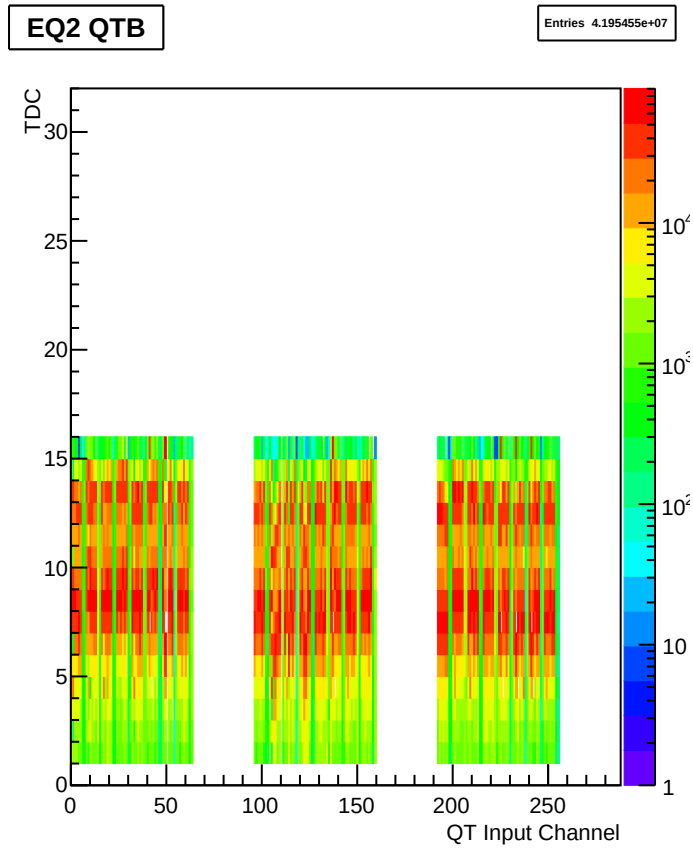

EQ1 QTB
Entries 1.297215e+08
ADC
QT Input Channel

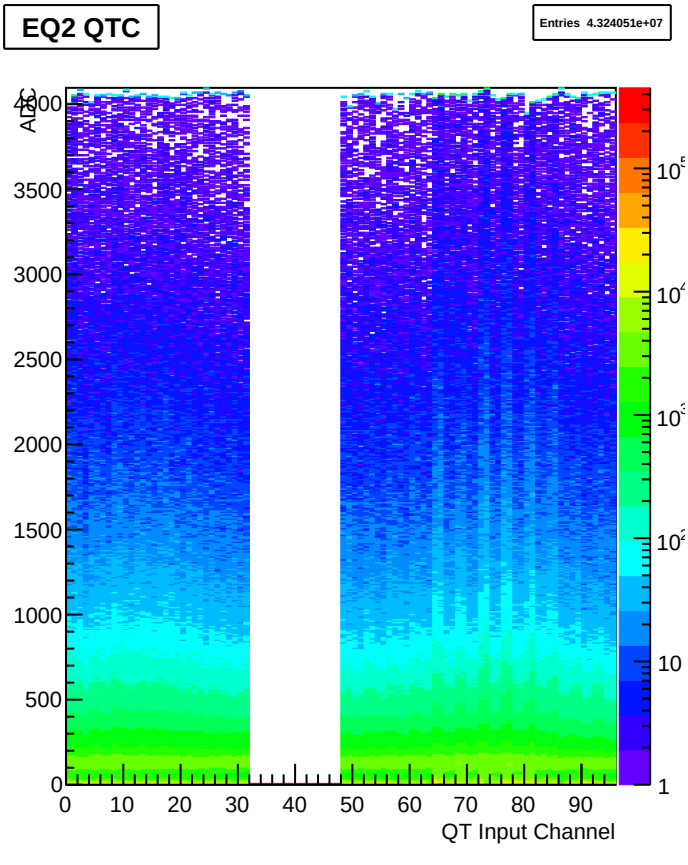

EQ1 QTB
Entries 4.394058e+07
TDC
QT Input Channel

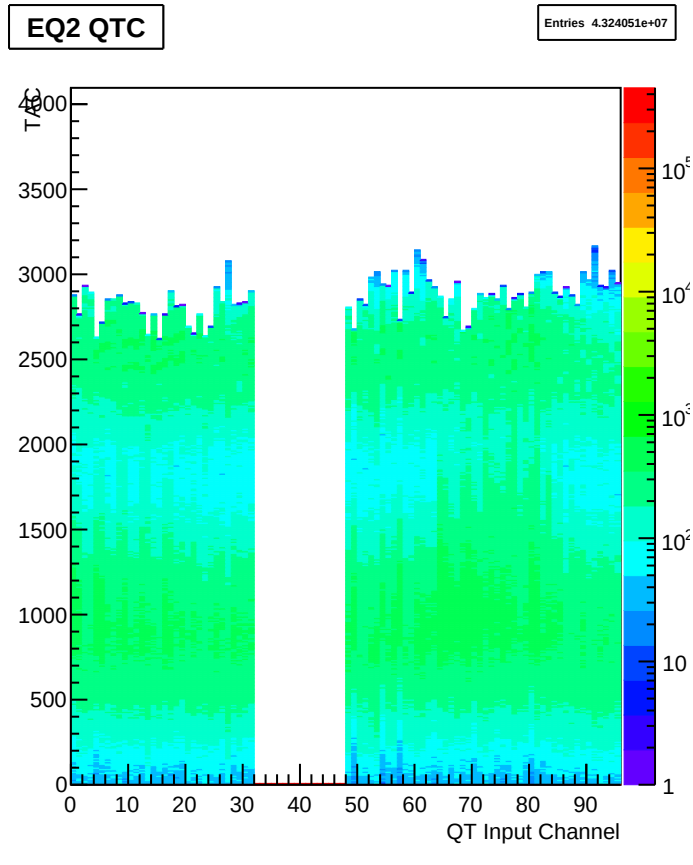

EQ1 QTC
Entries 4.324051e+07
ADC
QT Input Channel

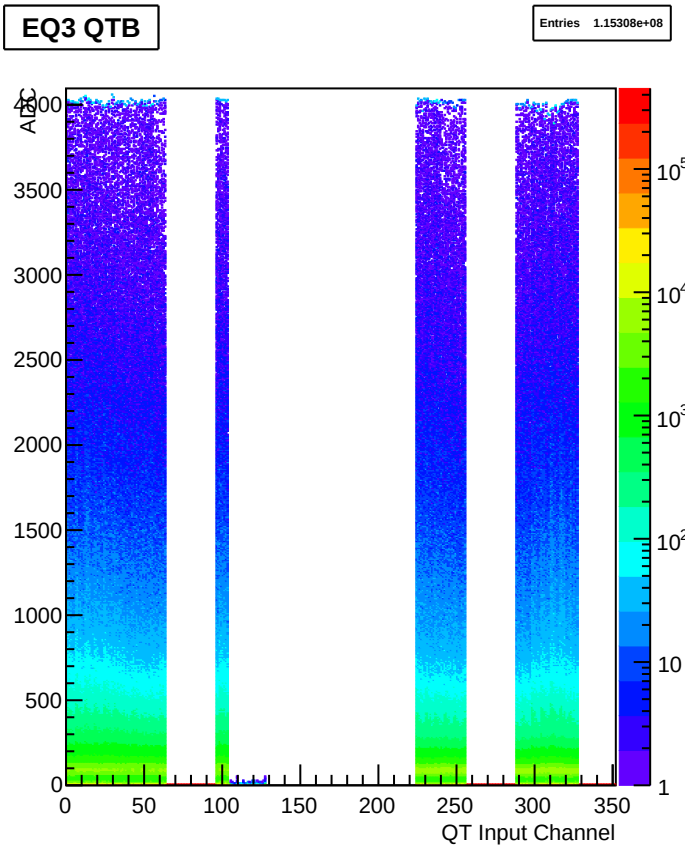

EQ1 QTC
Entries 4.324051e+07
TADC
QT Input Channel

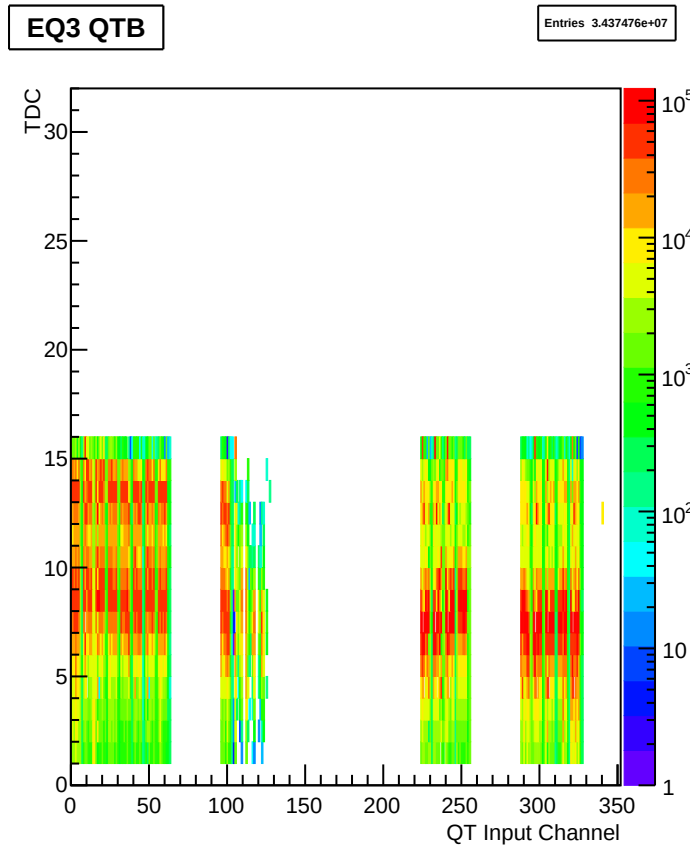

EQ2 QTB
Entries 1.297215e+08
ADC
QT Input Channel

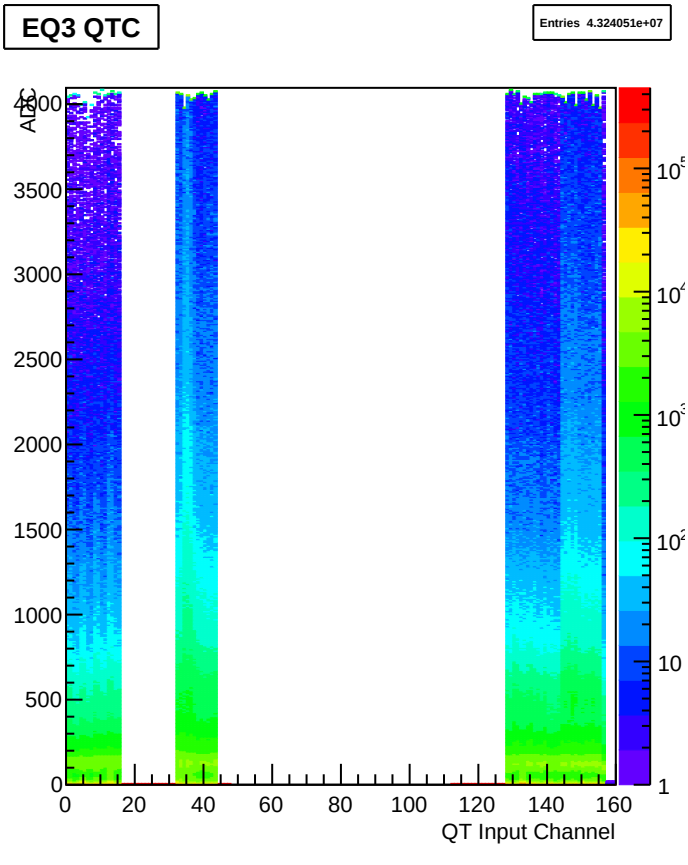

EQ2 QTB
Entries 4.195455e+07
TDC
QT Input Channel

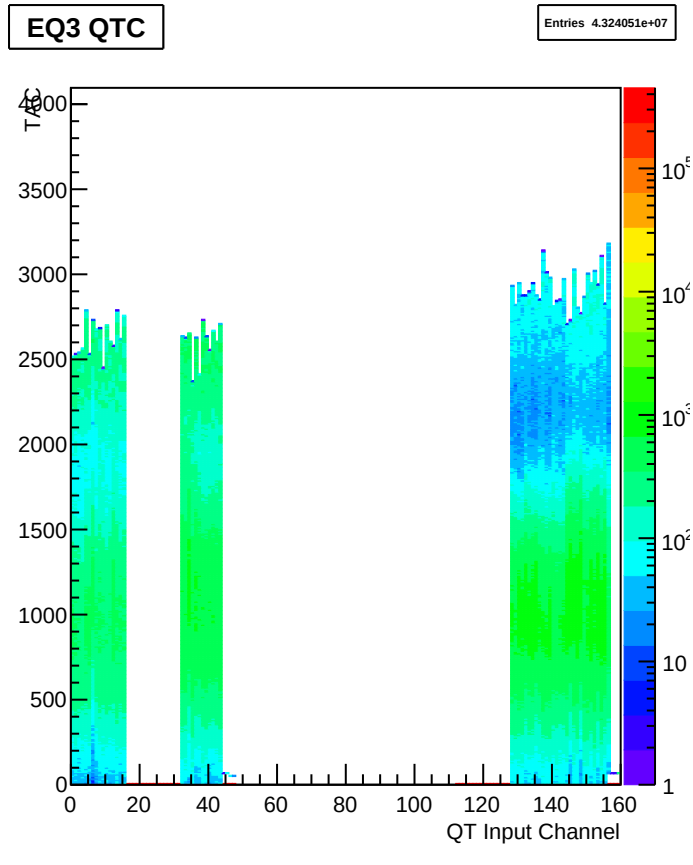

EQ2 QTC
Entries 4.324051e+07
ADC
QT Input Channel

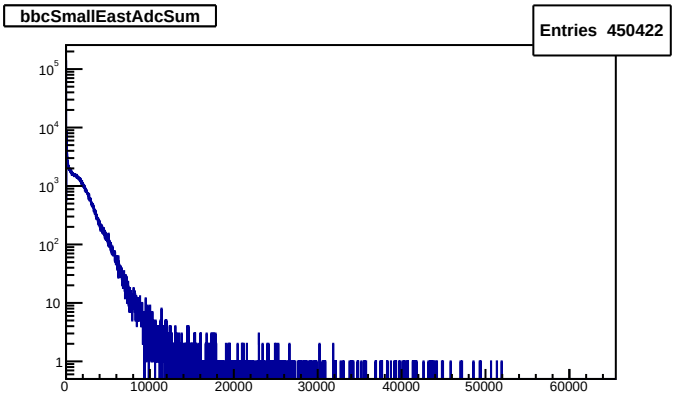

EQ2 QTC
Entries 4.324051e+07
TADC
QT Input Channel

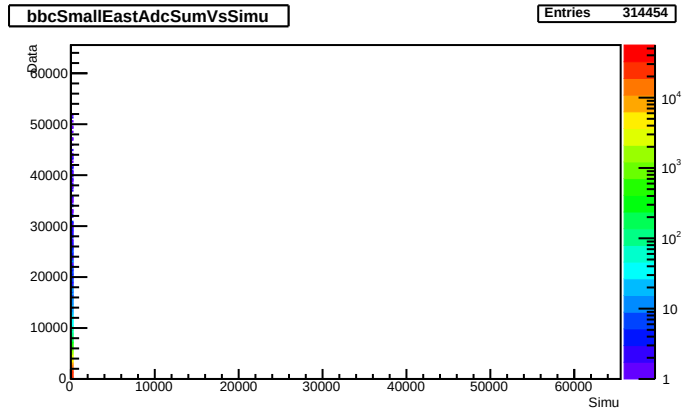

EQ3 QTB
Entries 1.15308e+08
ADC
QT Input Channel

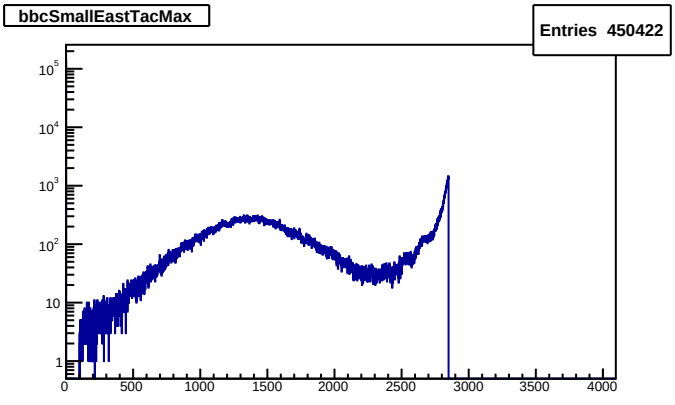

EQ3 QTB
Entries 3.437476e+07
TDC
QT Input Channel

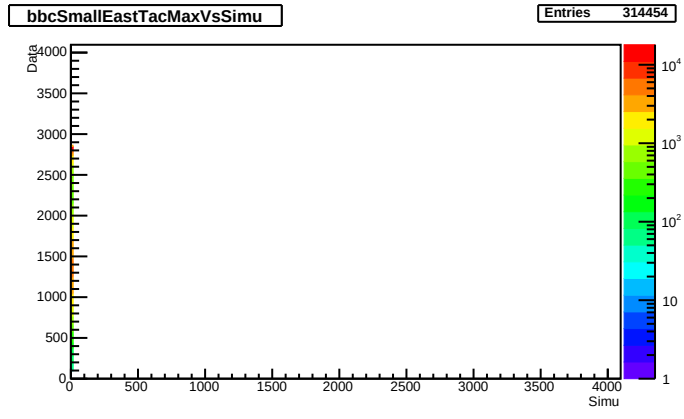

EQ3 QTC
Entries 4.324051e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.324051e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 450422


bbcSmallEastAdcSumVsSimu
Entries 314454
Data
Simu


bbcSmallEastTacMax
Entries 450422


bbcSmallEastTacMaxVsSimu
Entries 314454
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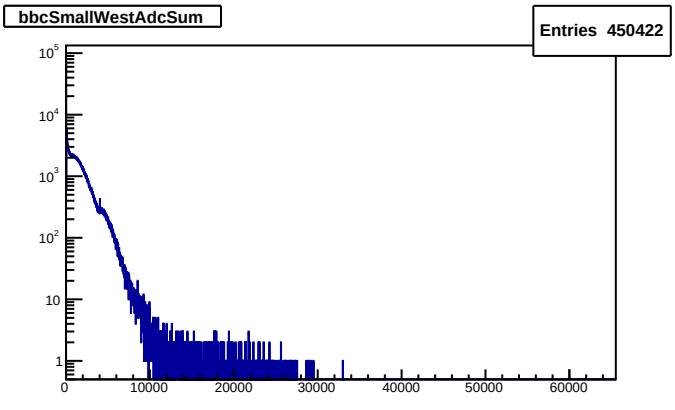
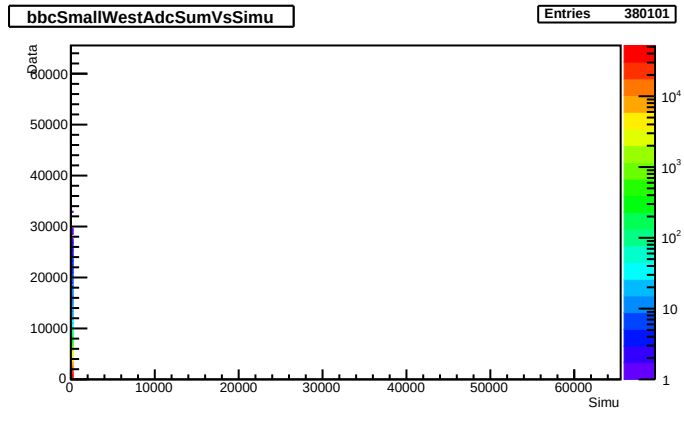

bbcSmallWestAdcSum
Entries 450422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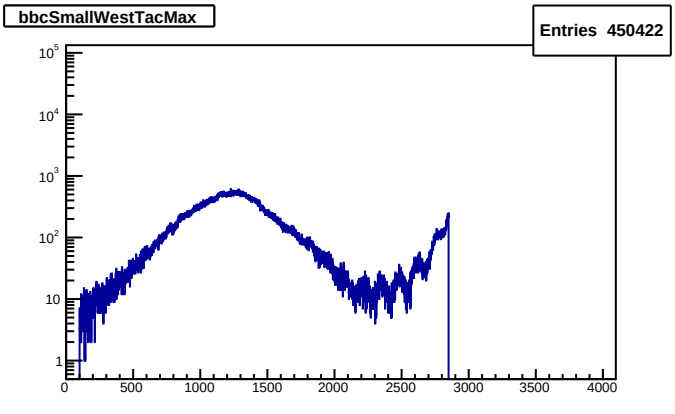
Entries 380101
Data
Simu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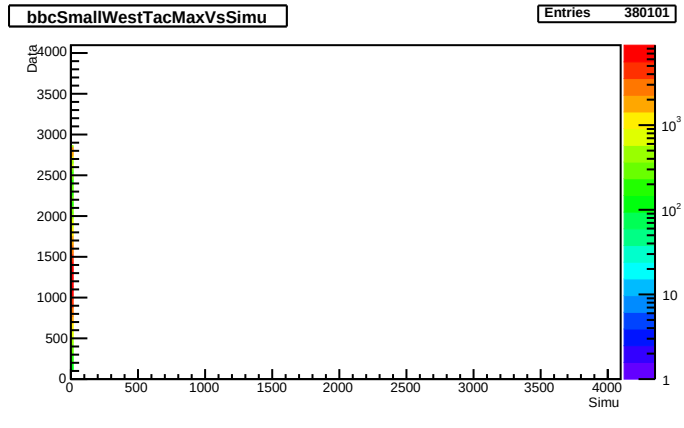
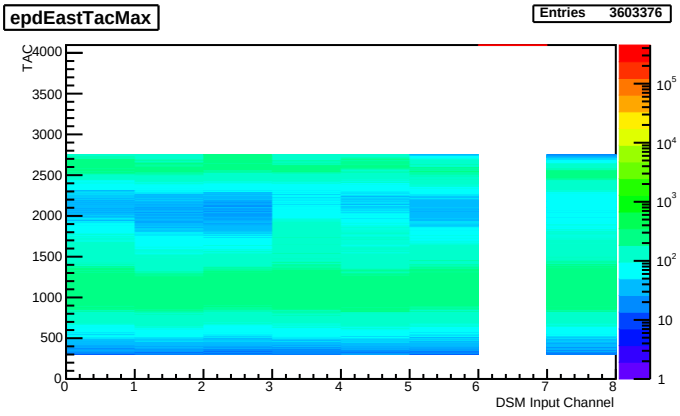
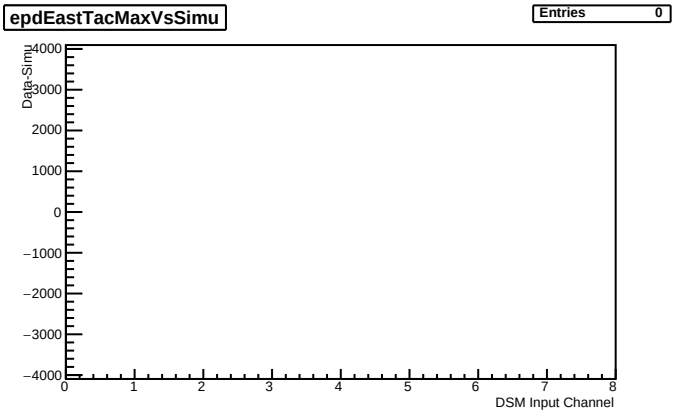
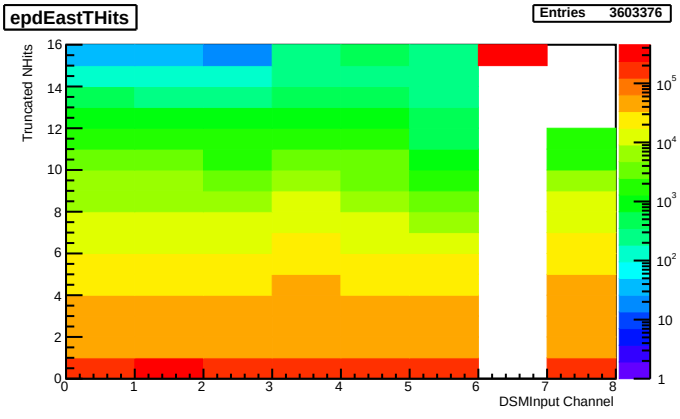
Entries 450422


bbcSmallWestTacMaxVsSimu
Entries 380101
Data
Simu


epdEastTacMax
Entries 3603376
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 3603376
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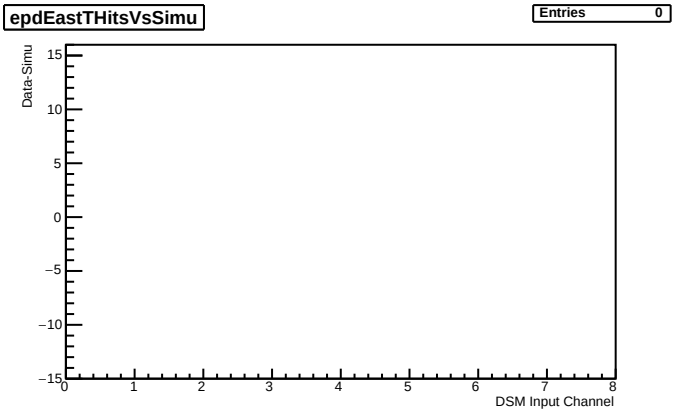
DSMInput Channel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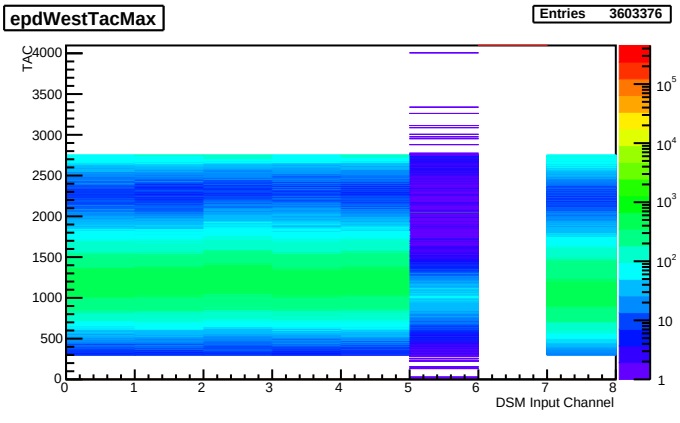
Data-Simu
DSM Input Channel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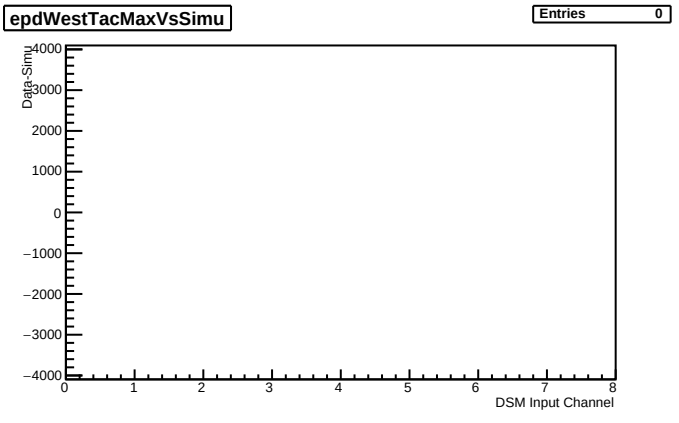
DSM Input Channel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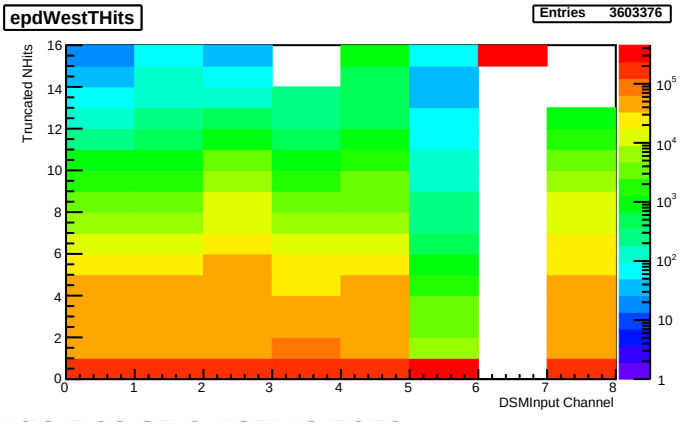
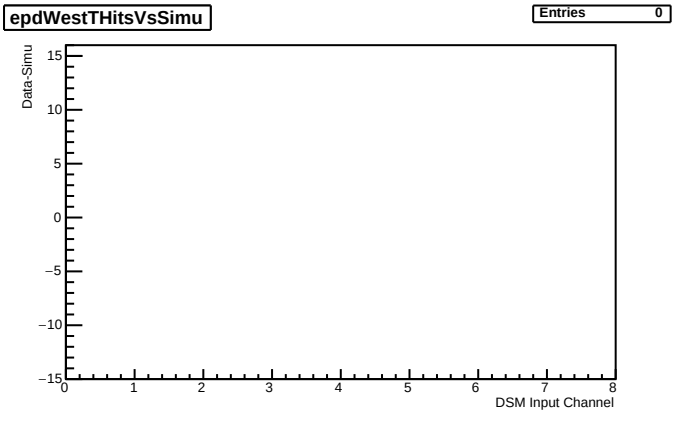
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3603376
Truncated NHits
DSMInput Channel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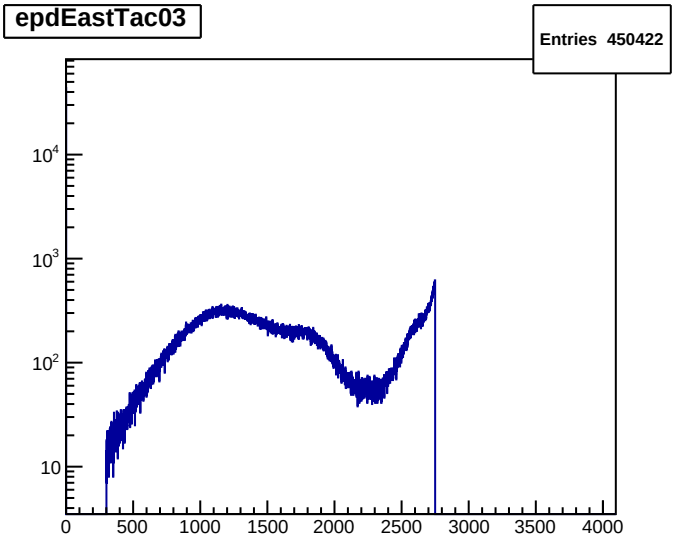
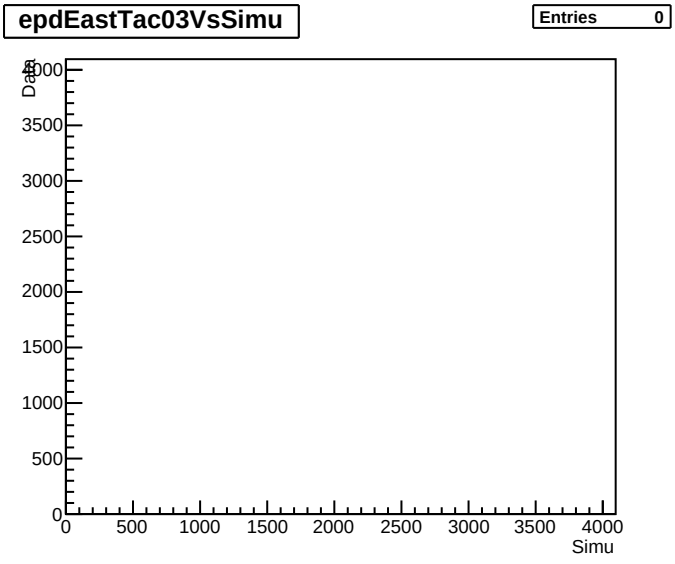
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 450422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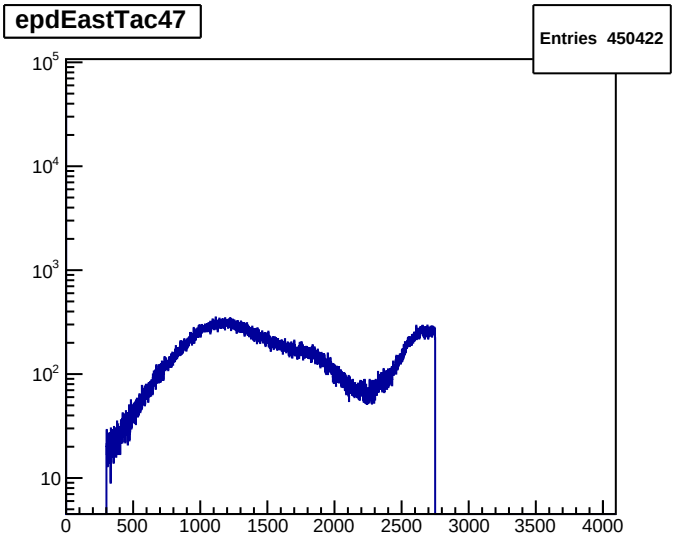
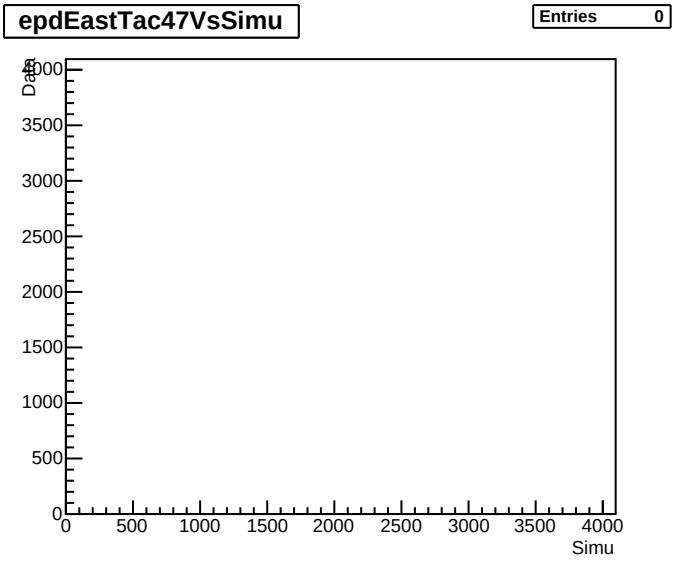
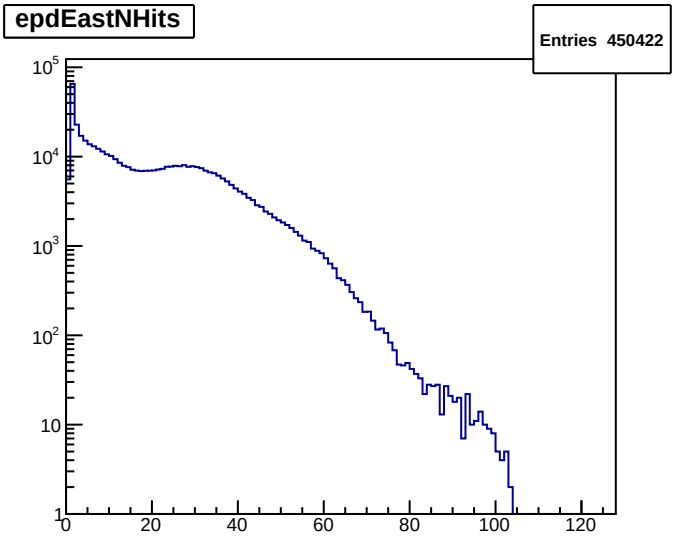
Entries 0
Data
Simu


epdEastTac47
Entries 450422


epdEastTac47VsSimu
Entries 0
Data
Simu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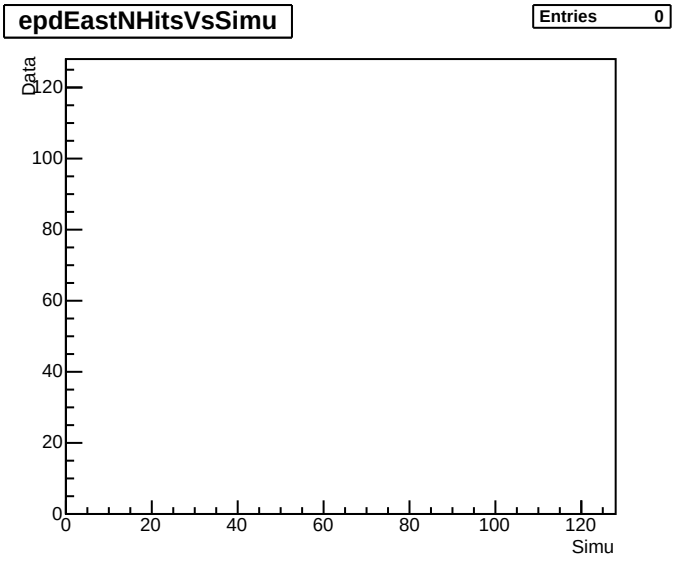
Entries 450422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Data
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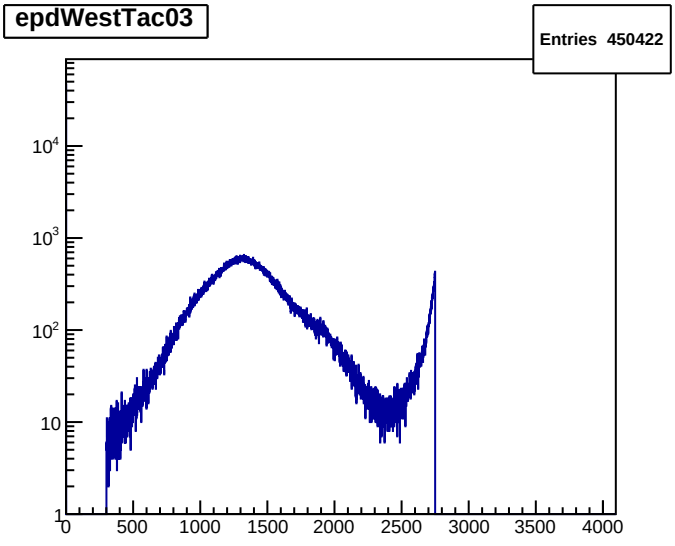
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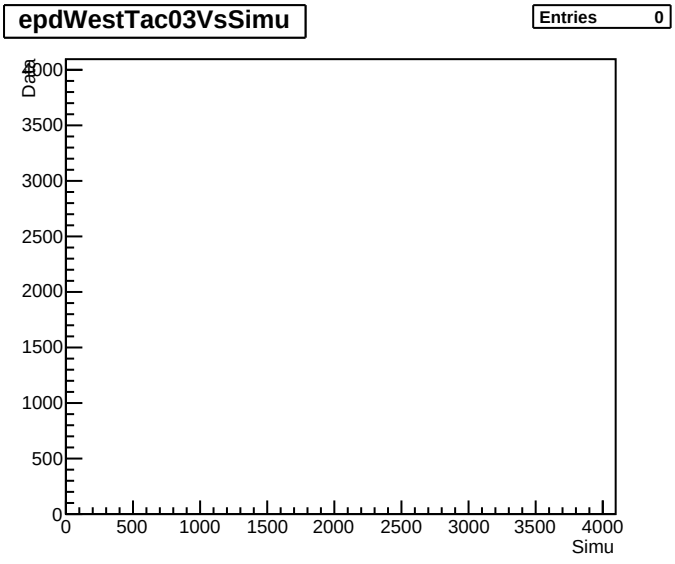
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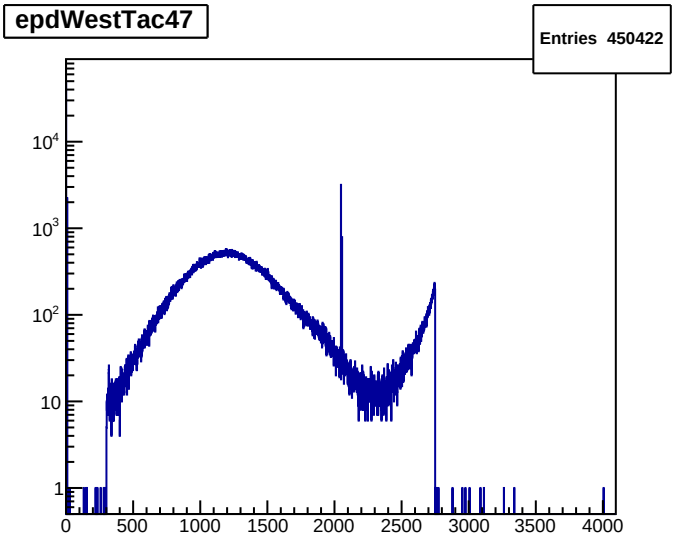
Entries 0
Data
Simu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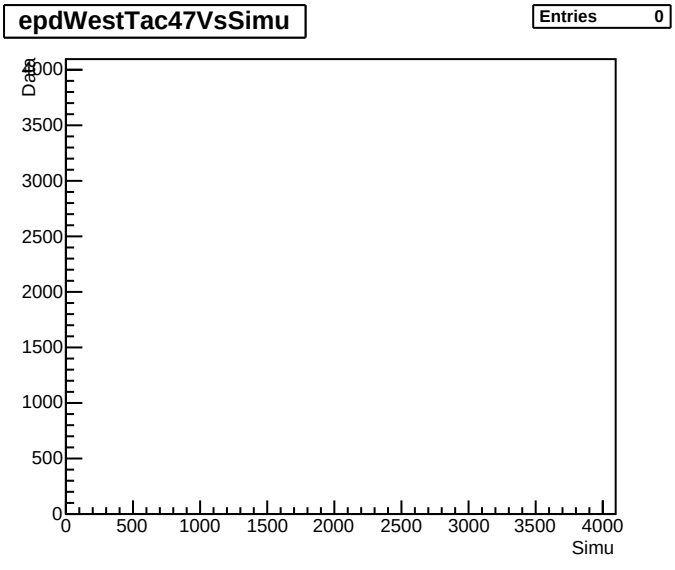
Entries 450422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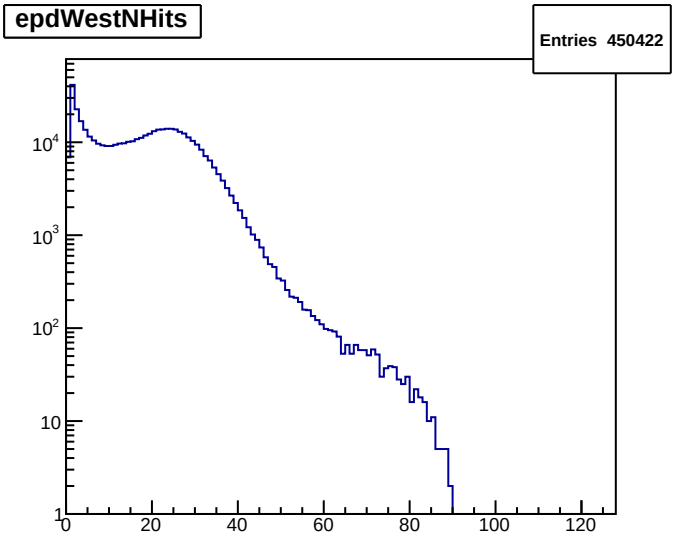
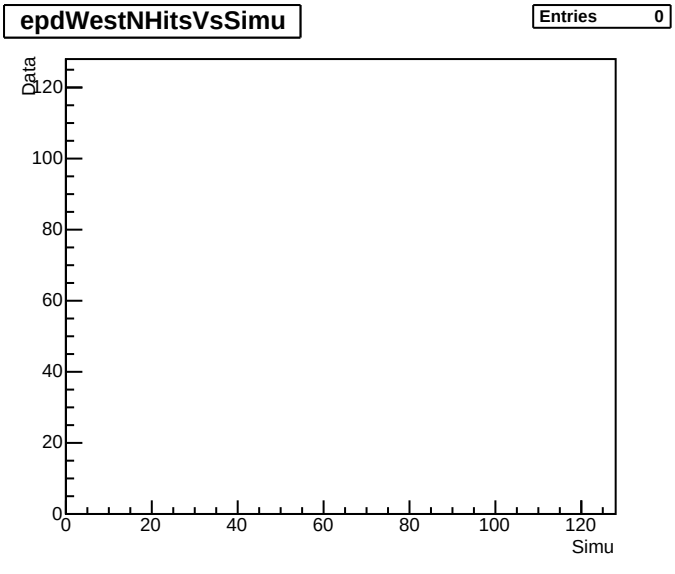
Data
Simu


epdWestNHits
Entries 450422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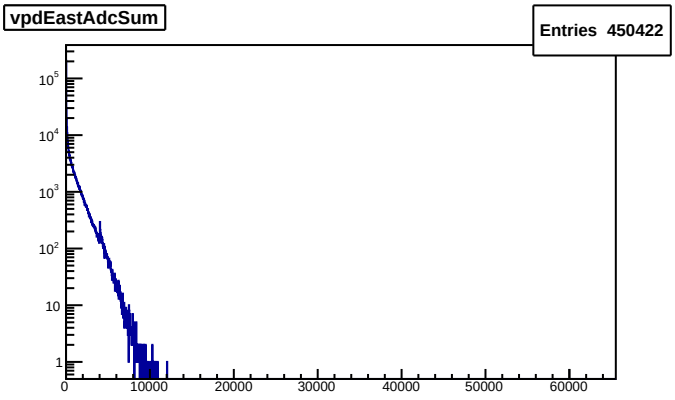
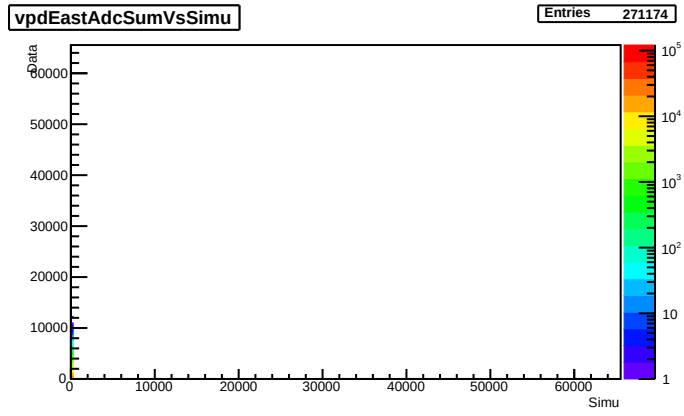
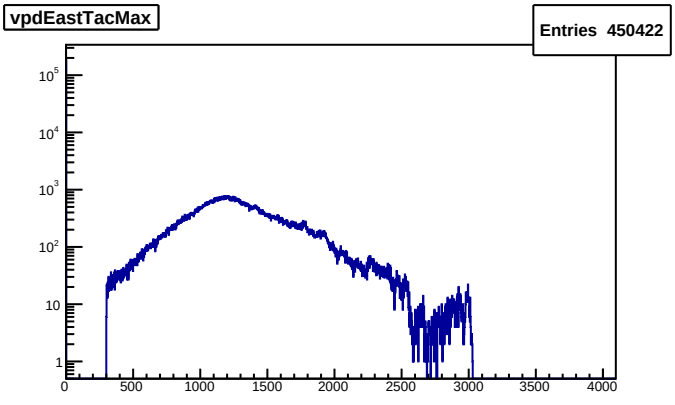
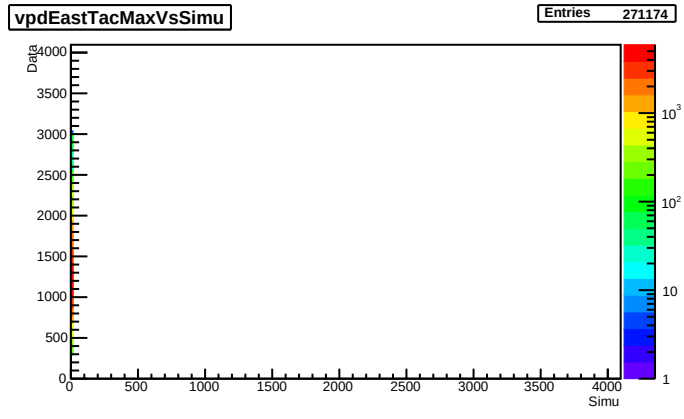
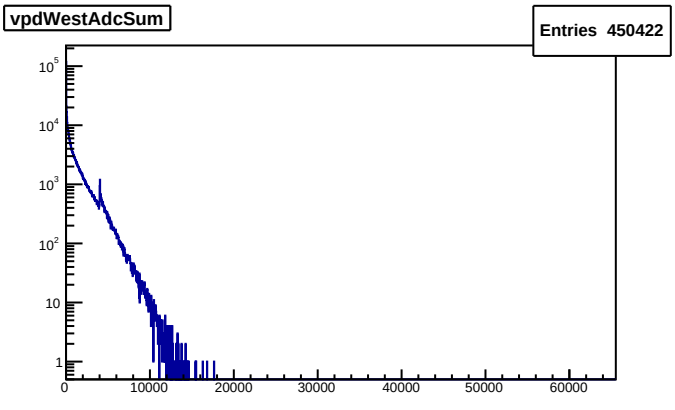
Entries 0
Data
Simu

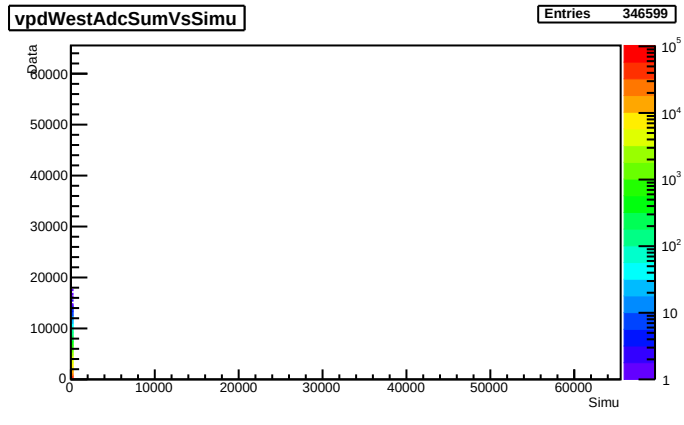

vpdEastAdcSum
Entries 450422

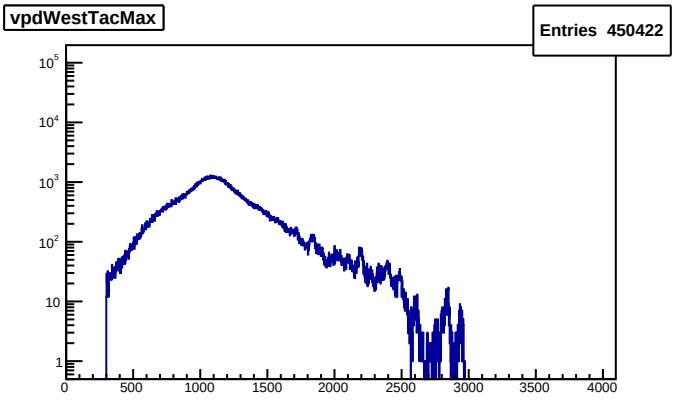

vpdEastAdcSumVsSimu
Entries 271174
Data
Simu

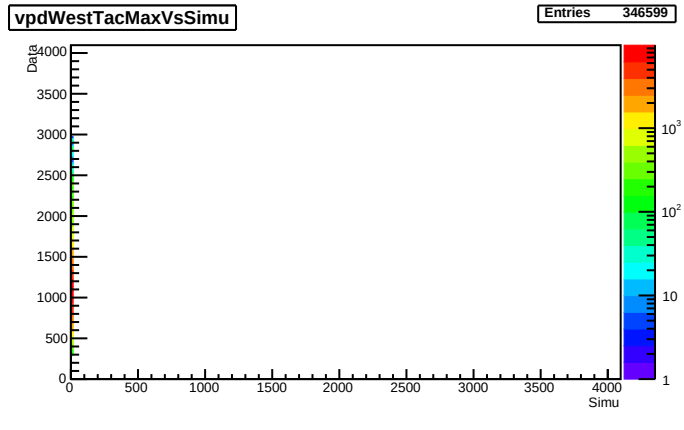

vpdEastTacMax
Entries 450422

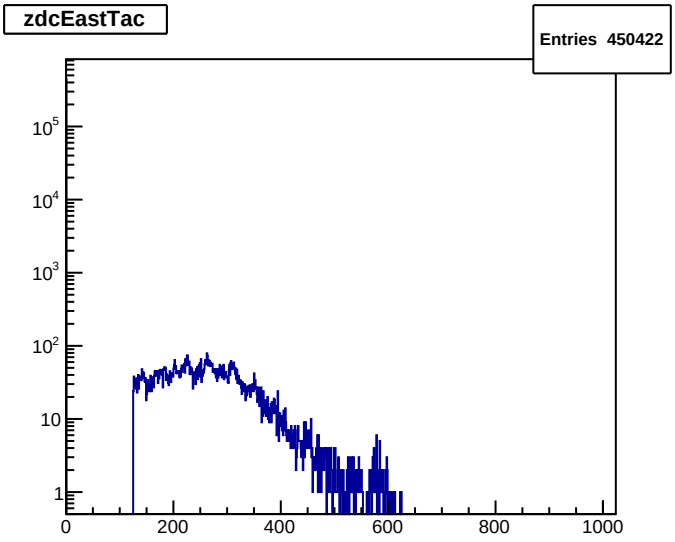

vpdEastTacMaxVsSimu
Entries 271174
Data
Simu

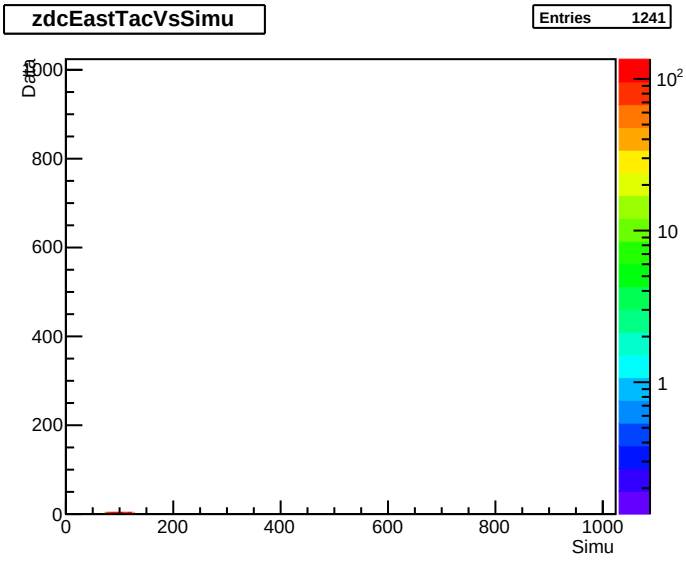

vpdWestAdcSum
Entries 450422

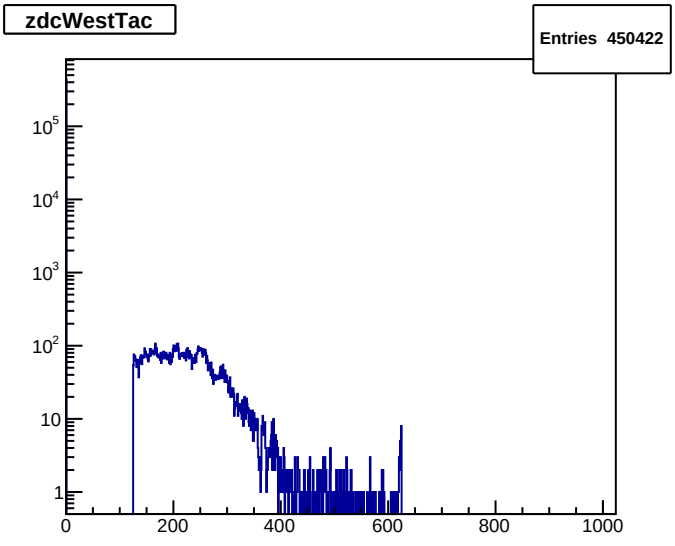

vpdWestAdcSumVsSimu
Entries 346599
Data
Simu

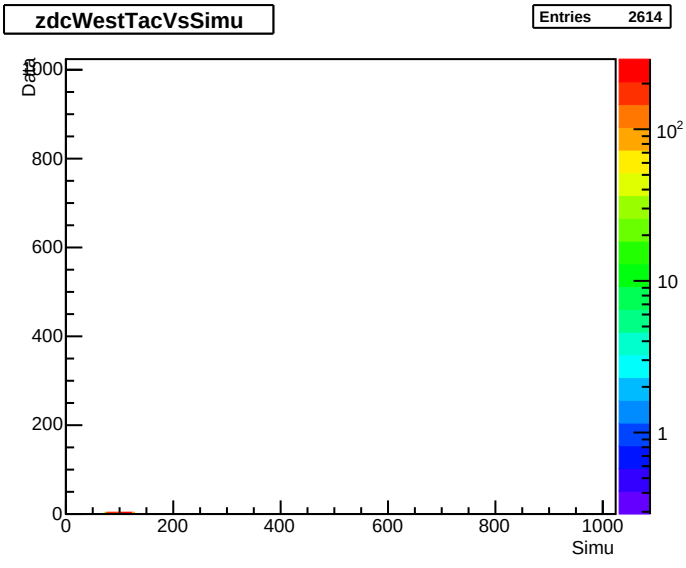

vpdWestTacMax
Entries 450422

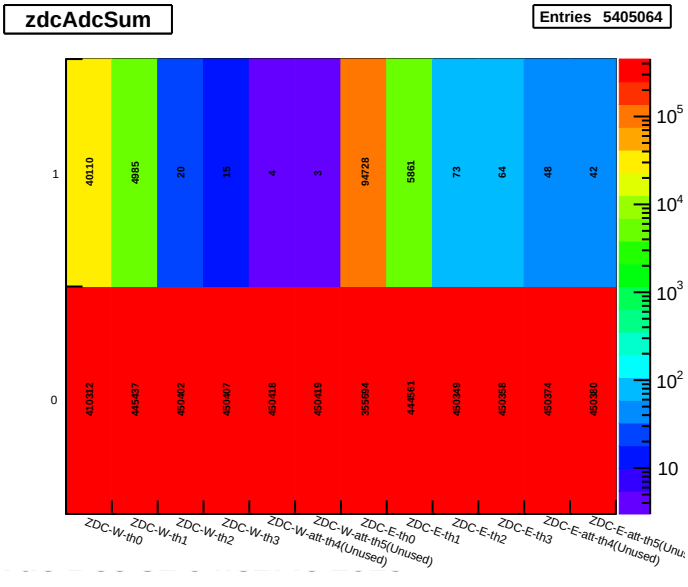

vpdWestTacMaxVsSimu
Entries 346599
Data
Simu

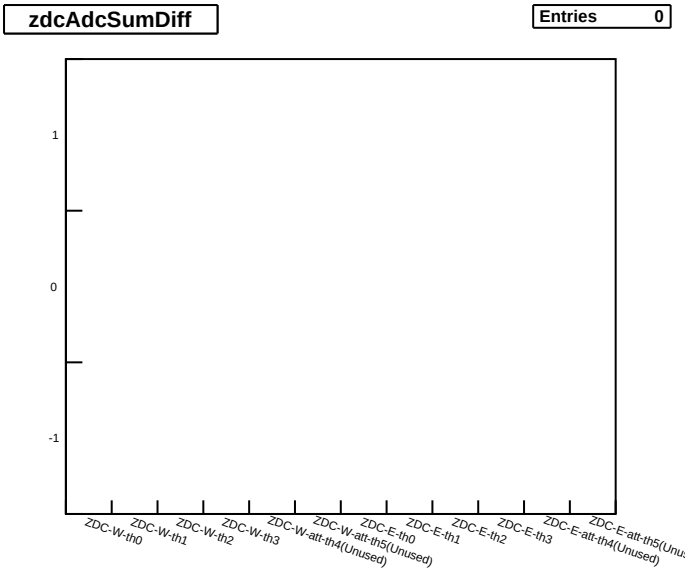

zdcEastTac
Entries 450422

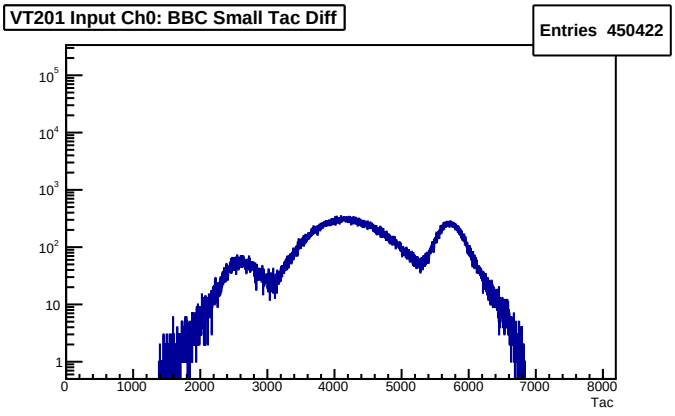

zdcEastTacVsSimu
Entries 1241
Data
Simu

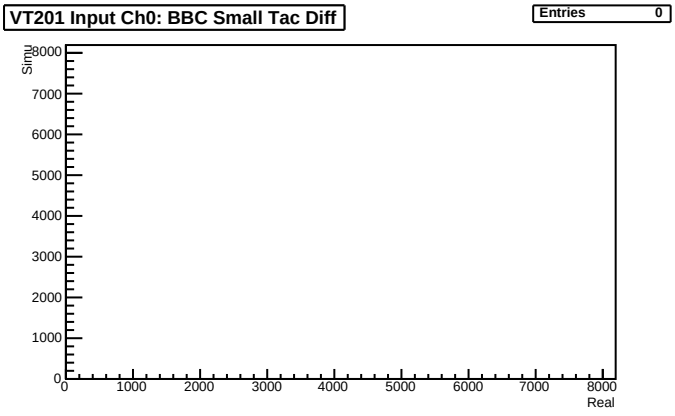

zdcWestTac
Entries 450422

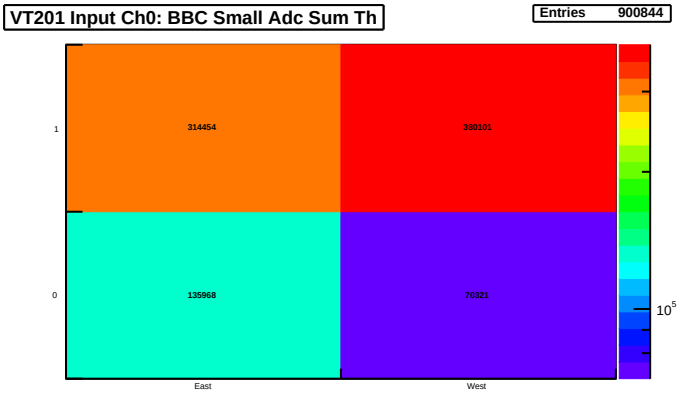

zdcWestTacVsSimu
Entries 2614
Data
Simu

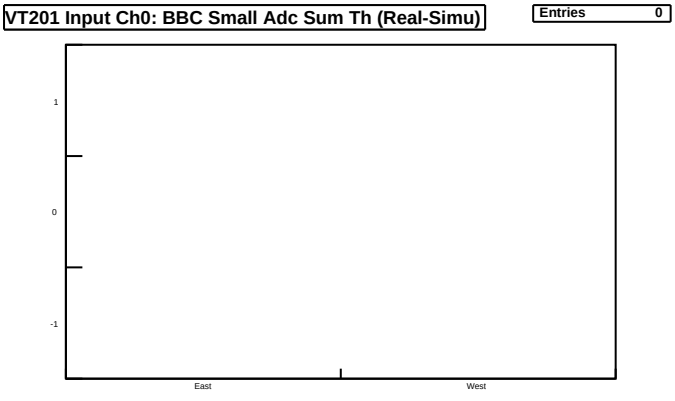

zdcAdcSum
Entries 5405064
40110
4985
20
15
4
3
94728
5861
73
64
48
42
410312
445437
450402
450407
450418
450419
355694
444661
450349
450358
450374
450380
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

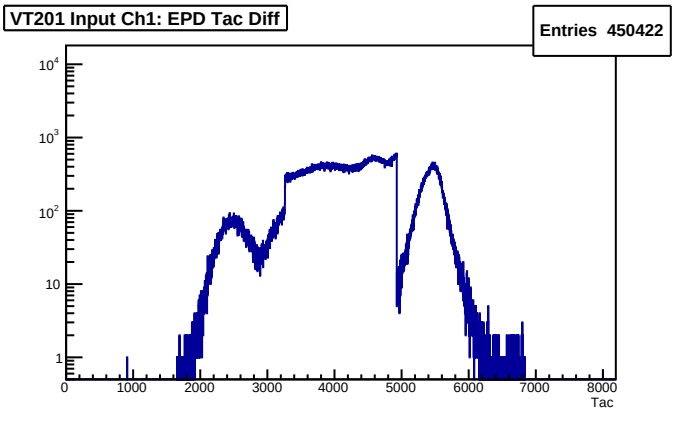

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

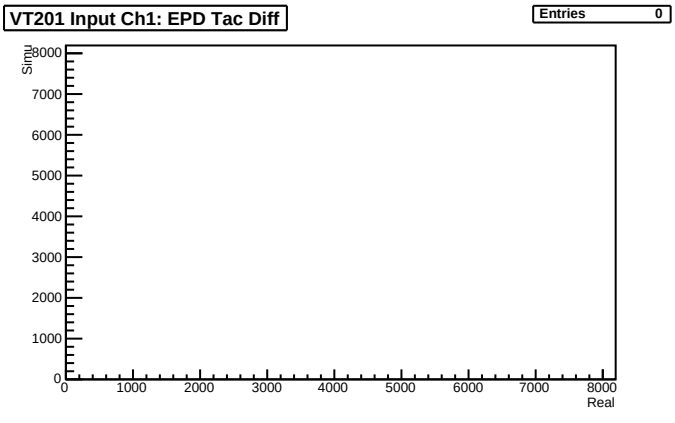

VT201 Input Ch0: BBC Small Tac Diff
Entries 450422
Tac

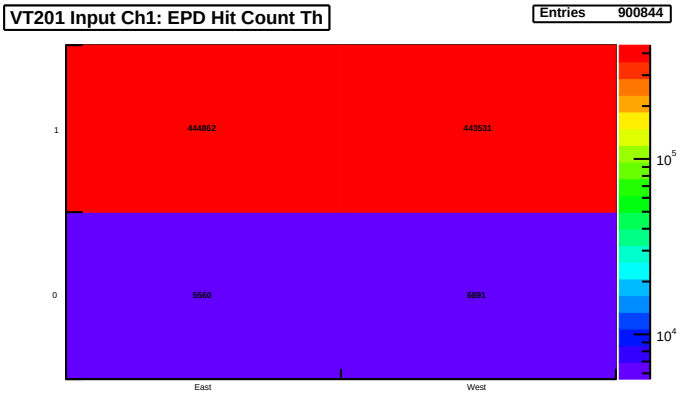

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

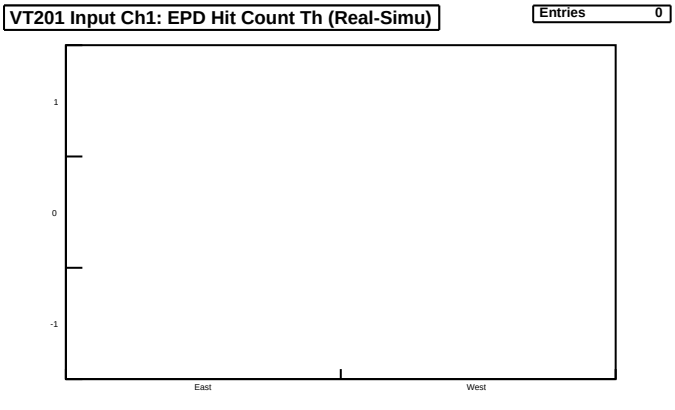

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 900844
314454
380101
135968
70321
East
West

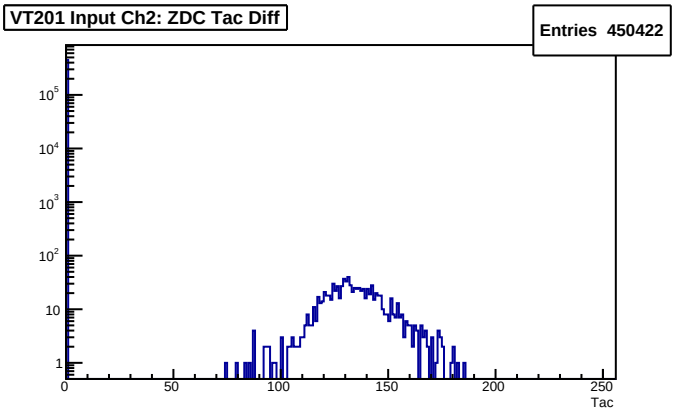

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

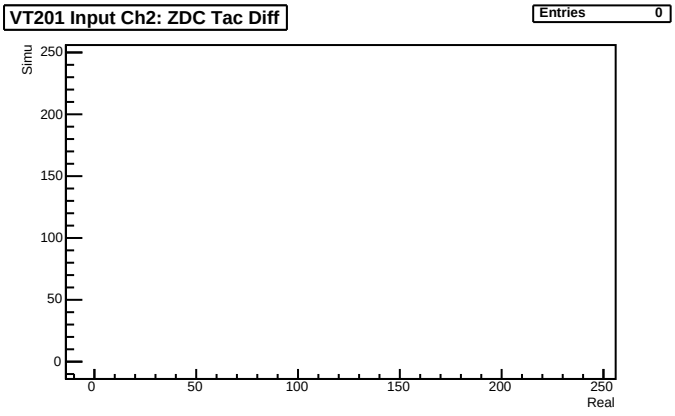

VT201 Input Ch1: EPD Tac Diff
Entries 450422
Tac

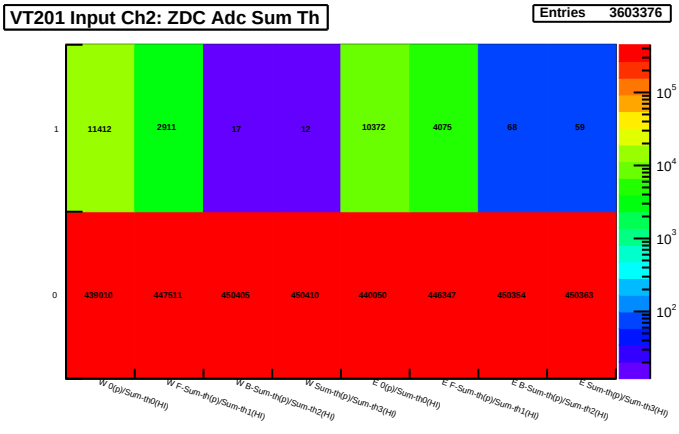

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

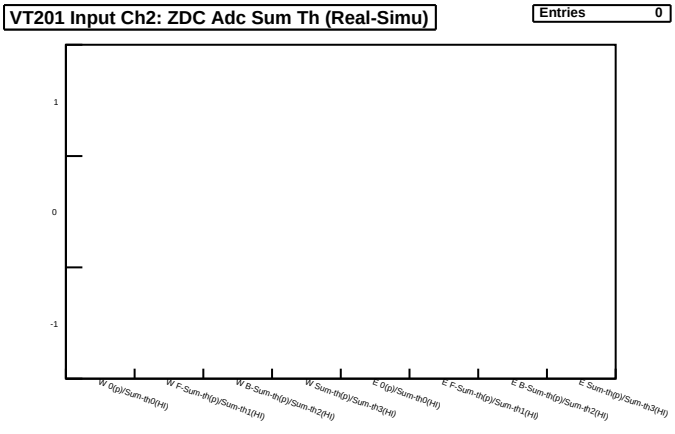

VT201 Input Ch1: EPD Hit Count Th
Entries 900844
444862
443531
5580
6891
East
West

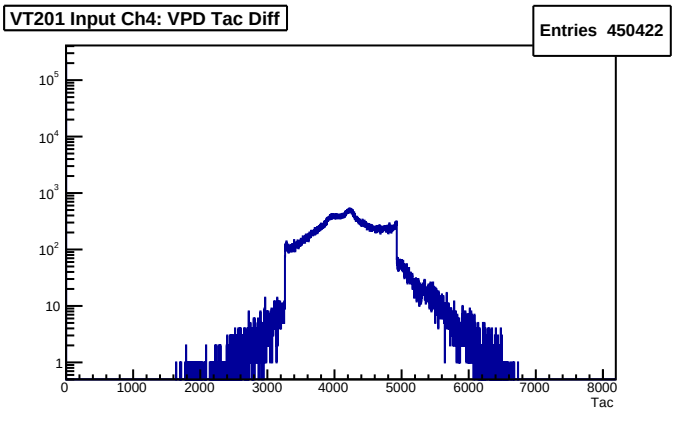

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

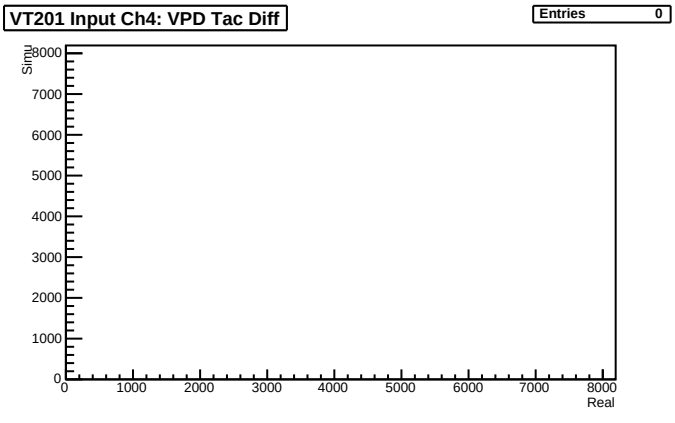

VT201 Input Ch2: ZDC Tac Diff
Entries 450422
Tac

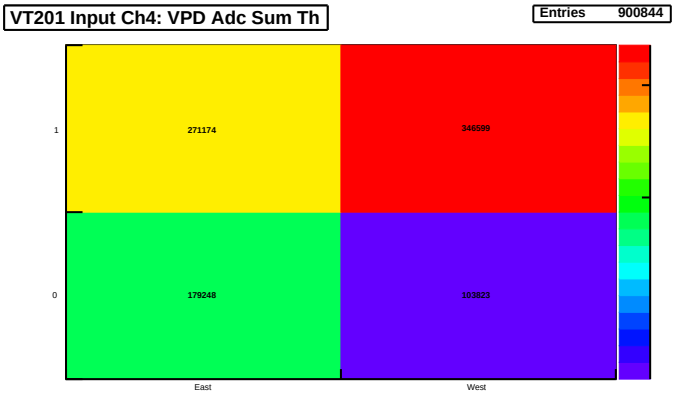

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

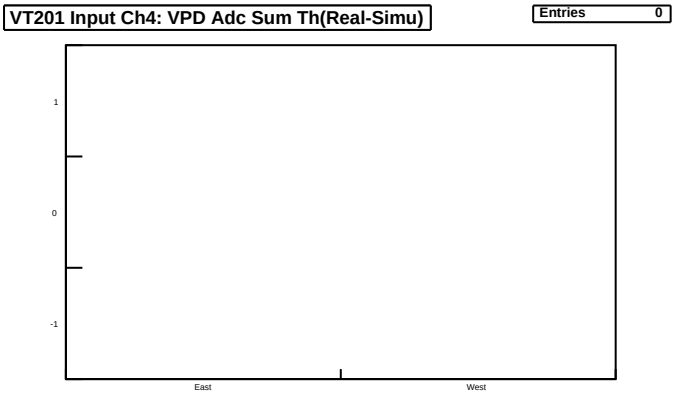

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3603376
11412
2911
17
12
10372
4075
68
59
439010
447511
450405
450410
440050
446347
450354
450363
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

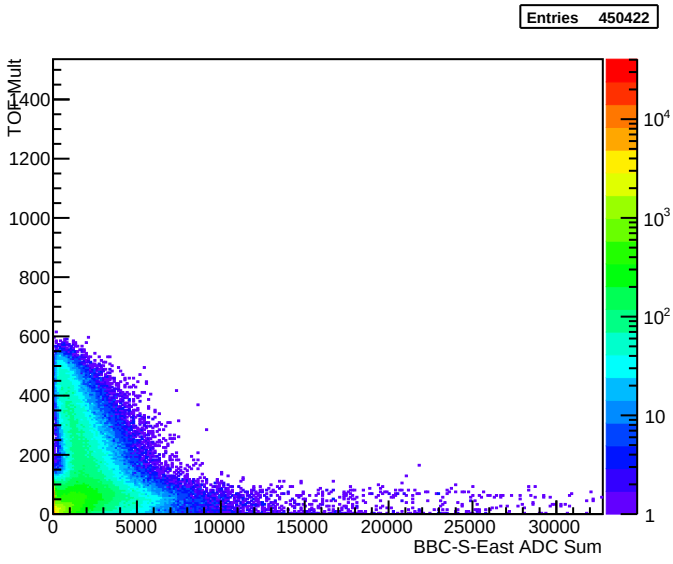

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

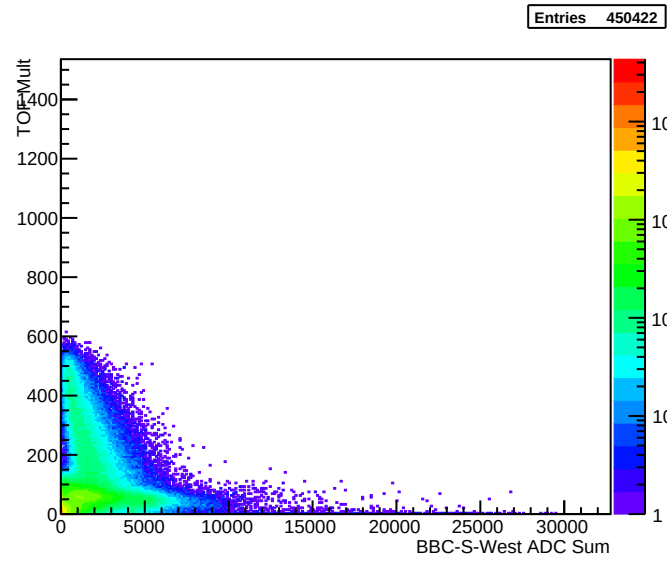

VT201 Input Ch4: VPD Tac Diff
Entries 450422
Tac

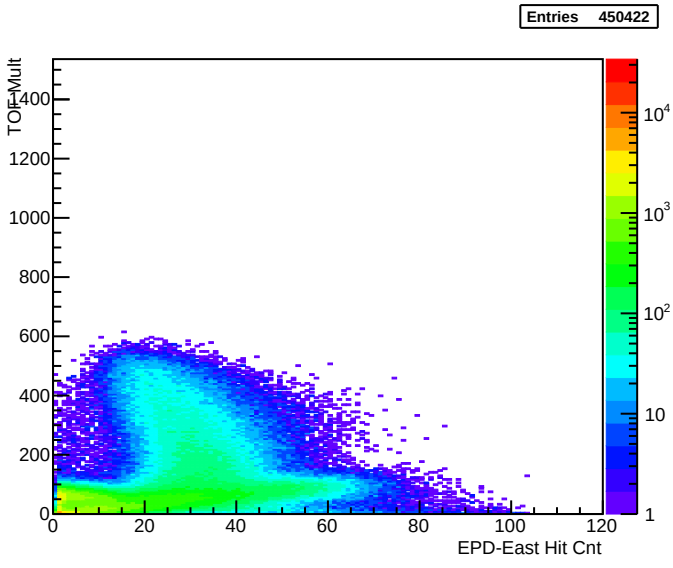

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

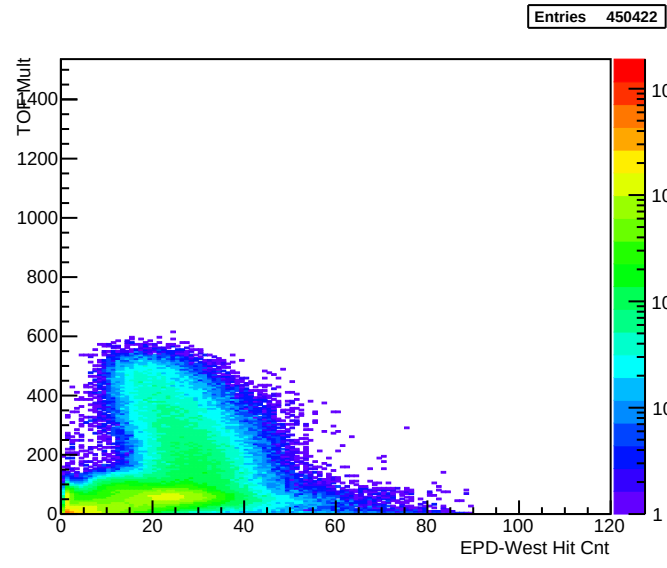

VT201 Input Ch4: VPD Adc Sum Th
Entries 900844
271174
340599
179248
103823
East
West

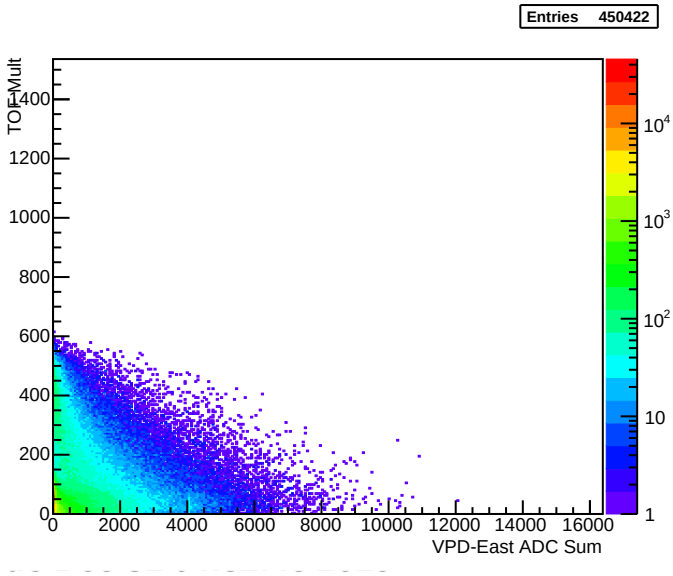

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

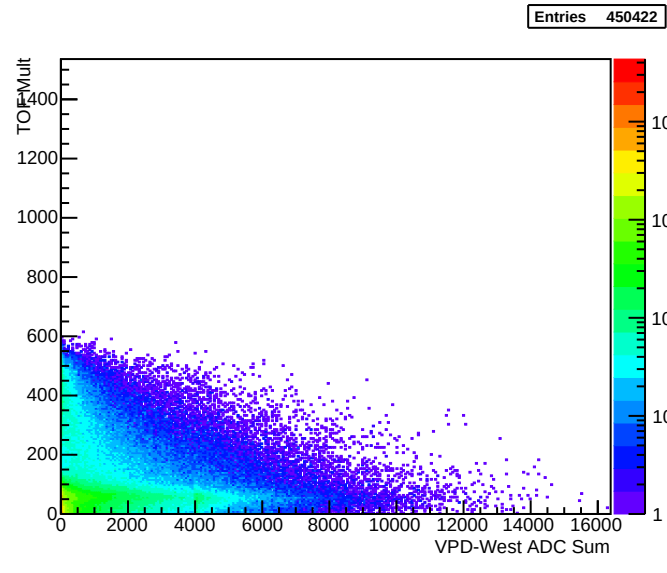

Entries 450422
TOF-Mult
BBC-S-East ADC Sum

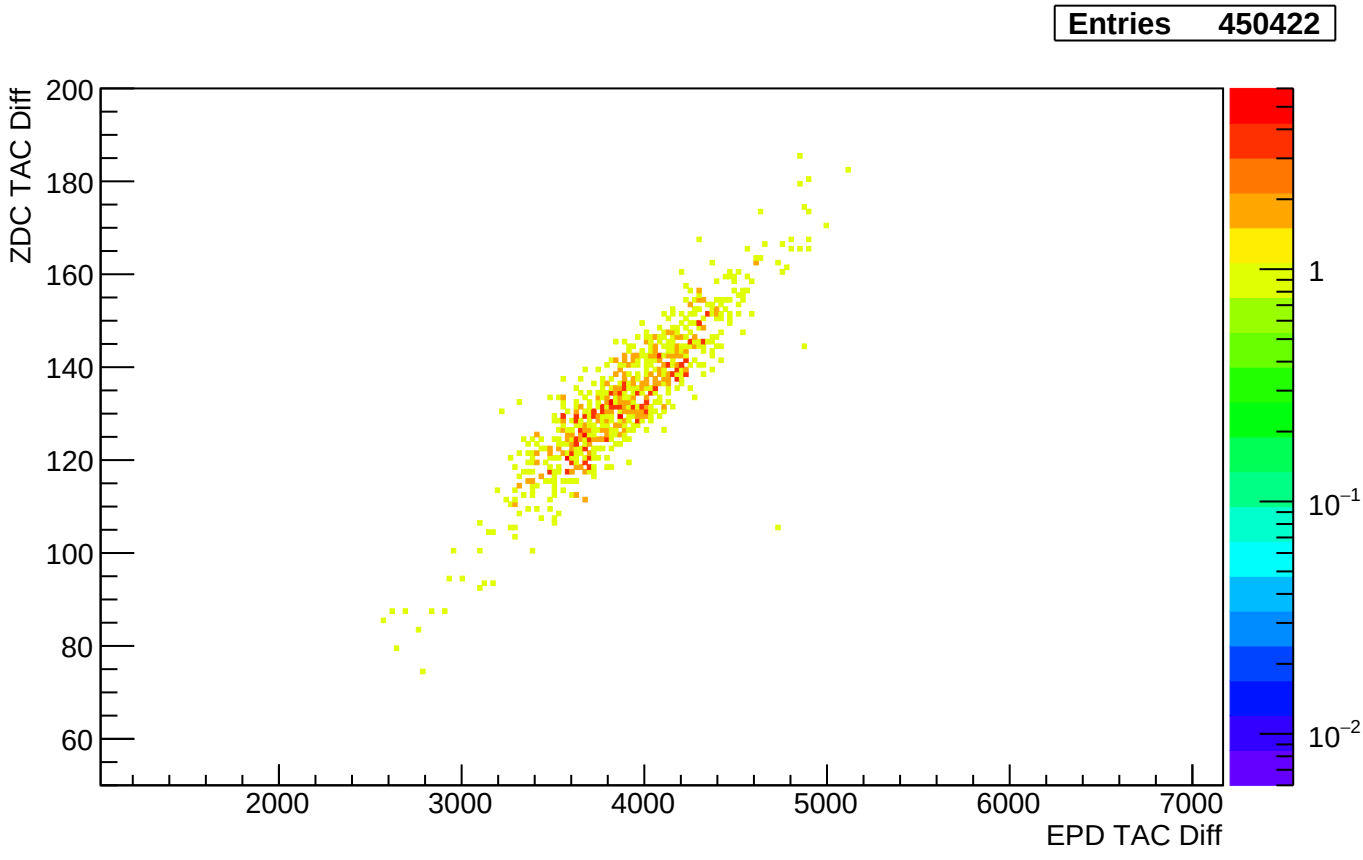

Entries 450422
TOF-Mult
BBC-S-West ADC Sum

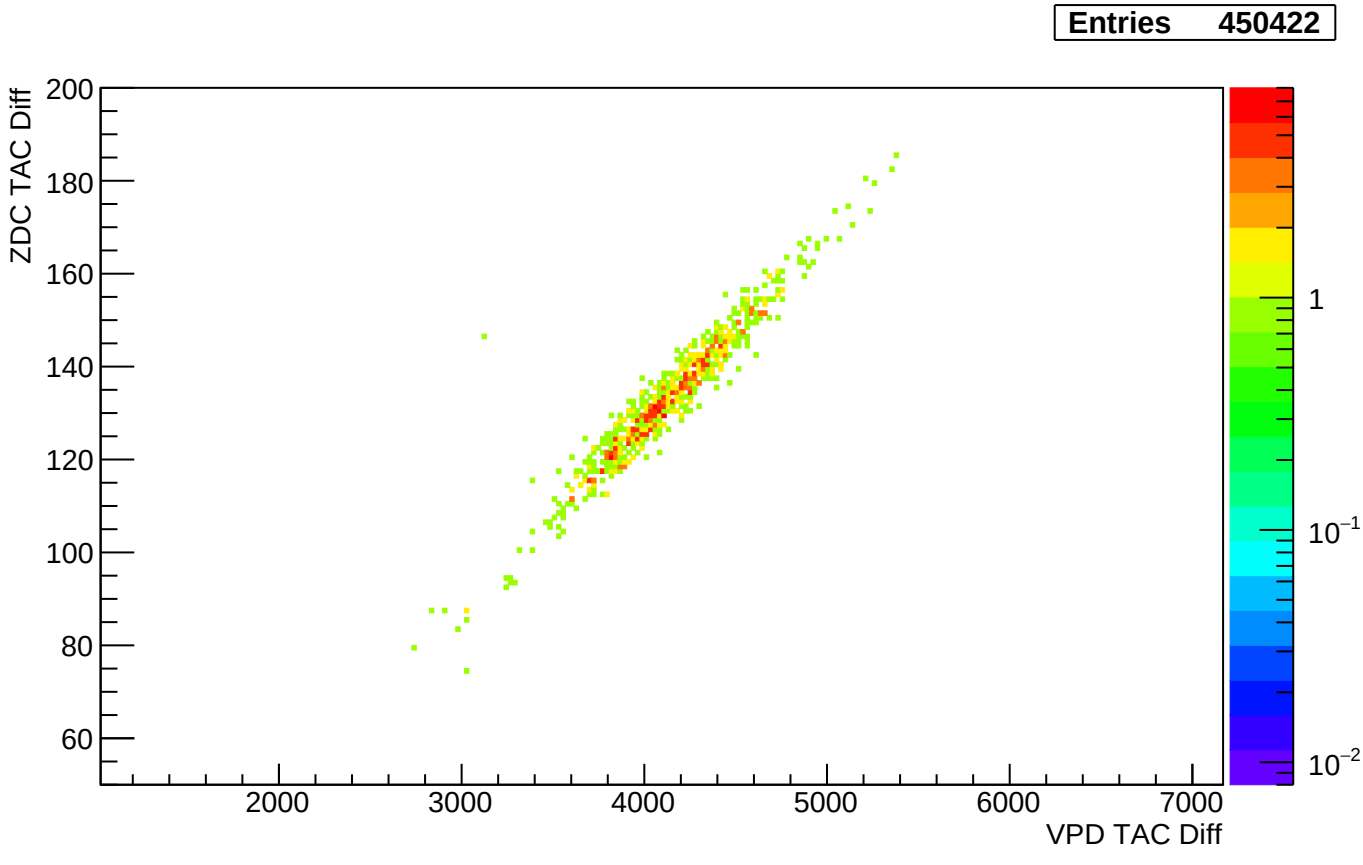

Entries 450422
TOF-Mult
EPD-East Hit Cnt

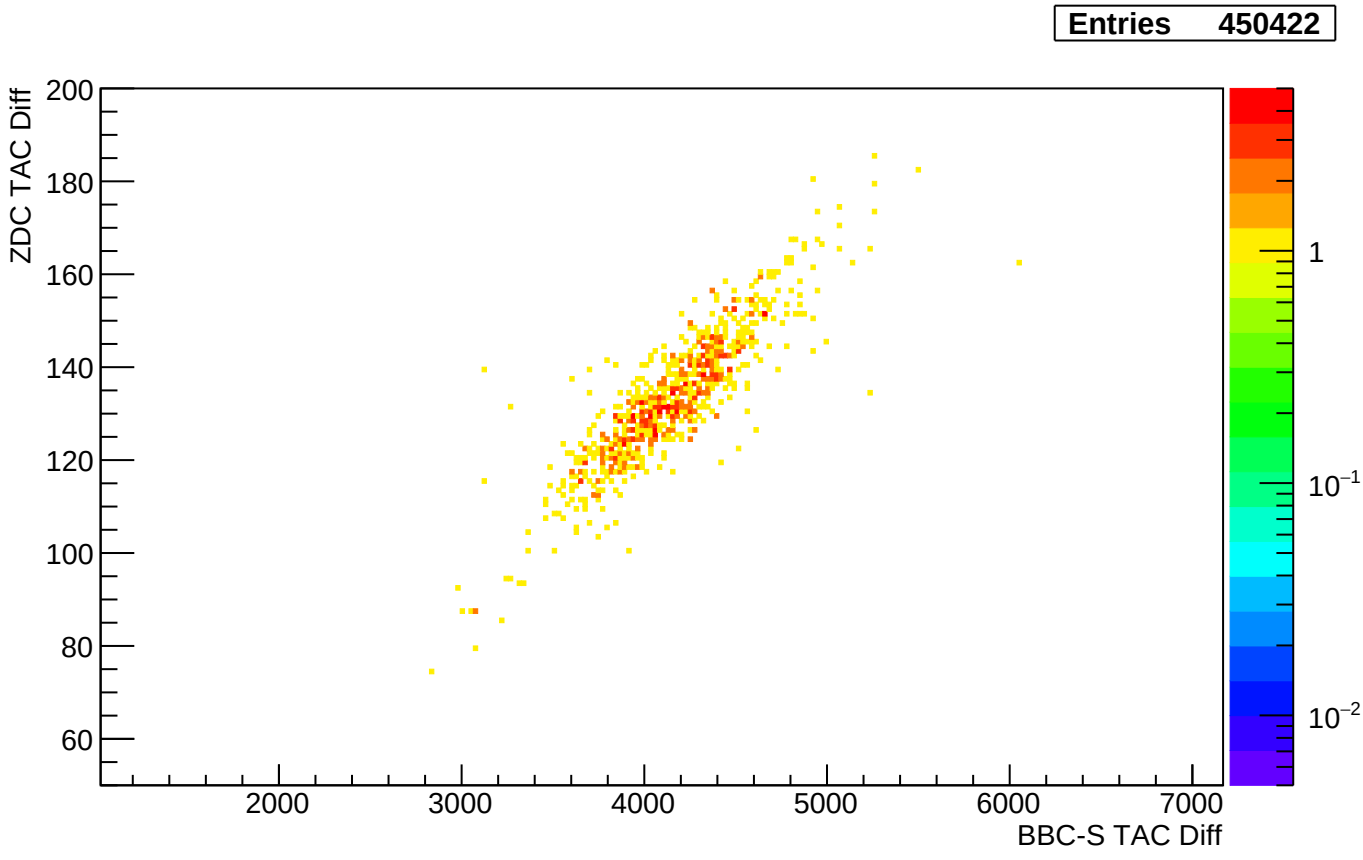

Entries 450422
TOF-Mult
EPD-West Hit Cnt

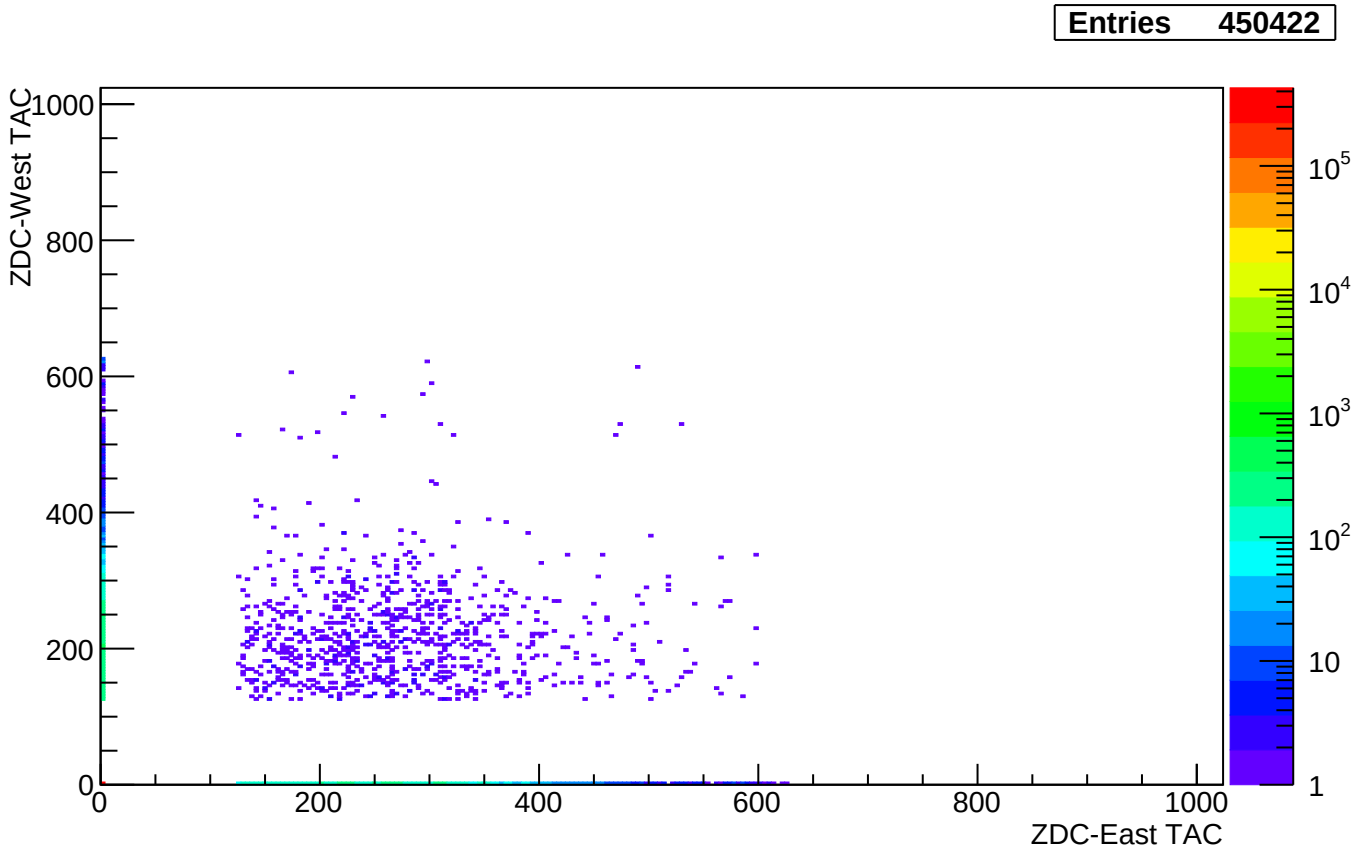

Entries 450422
TOF-Mult
VPD-East ADC Sum

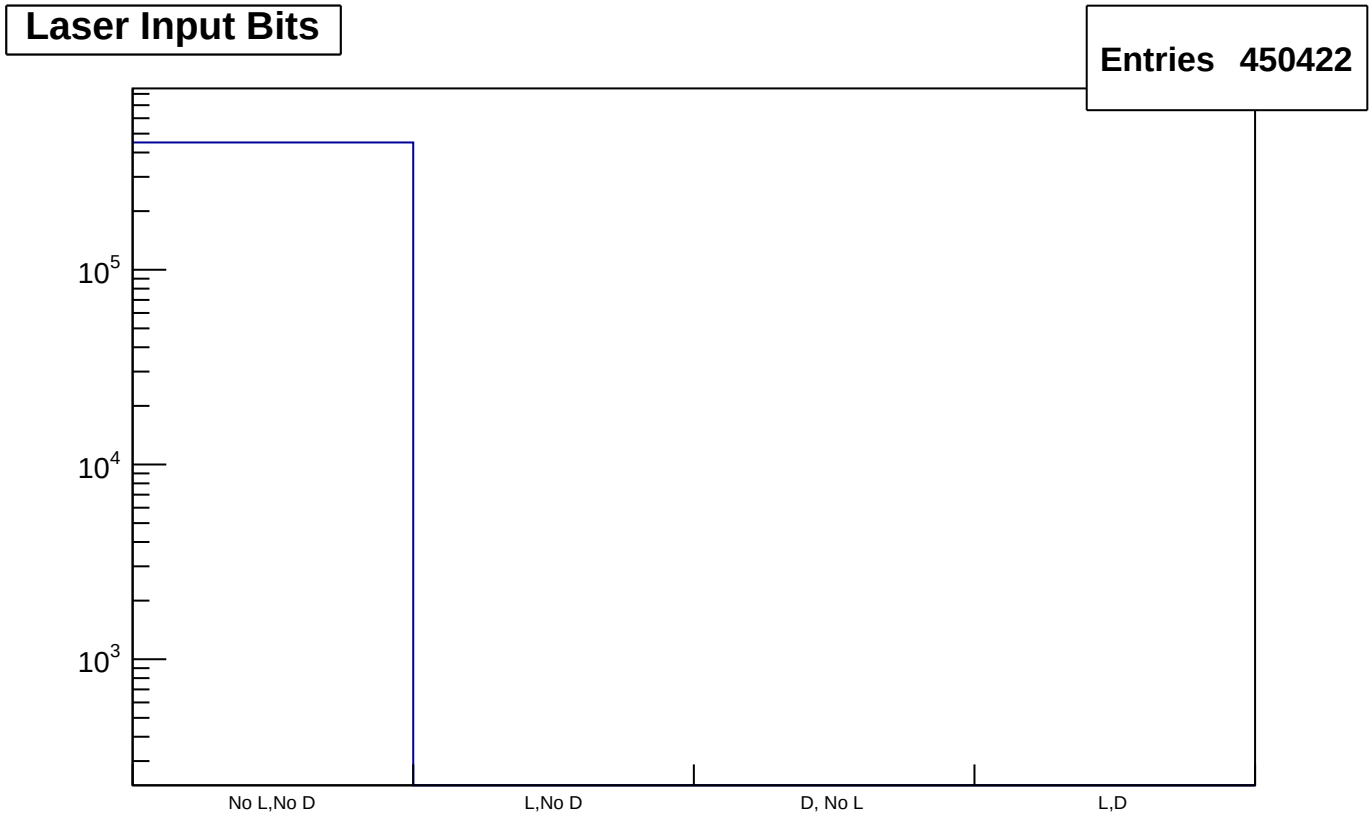

Entries 450422
TOF-Mult
VPD-West ADC Sum

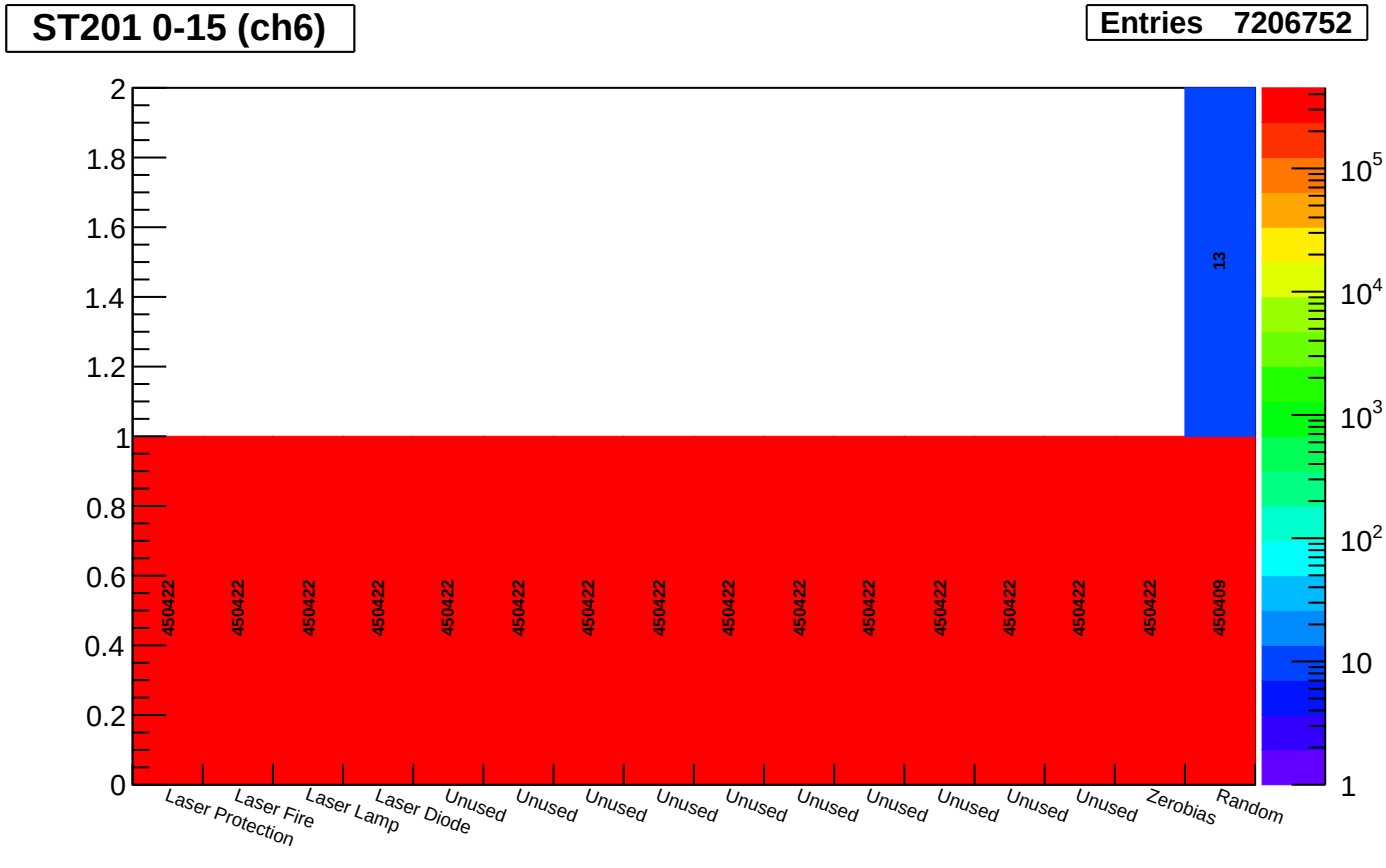

Entries 450422
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

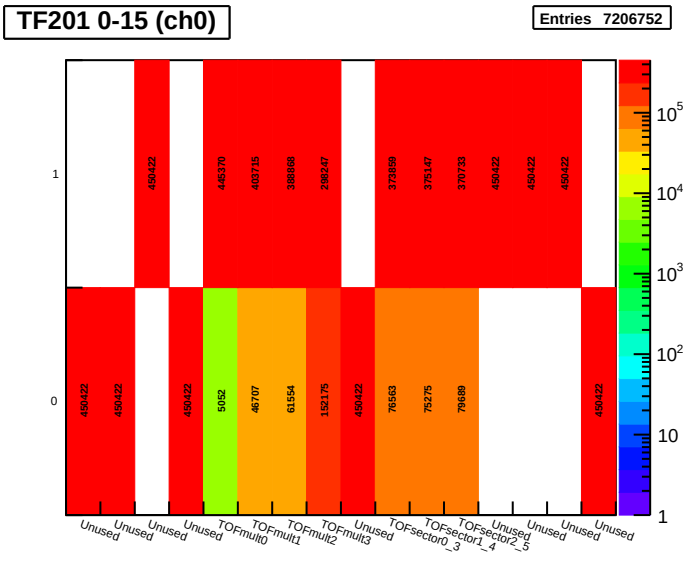

Entries 450422
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

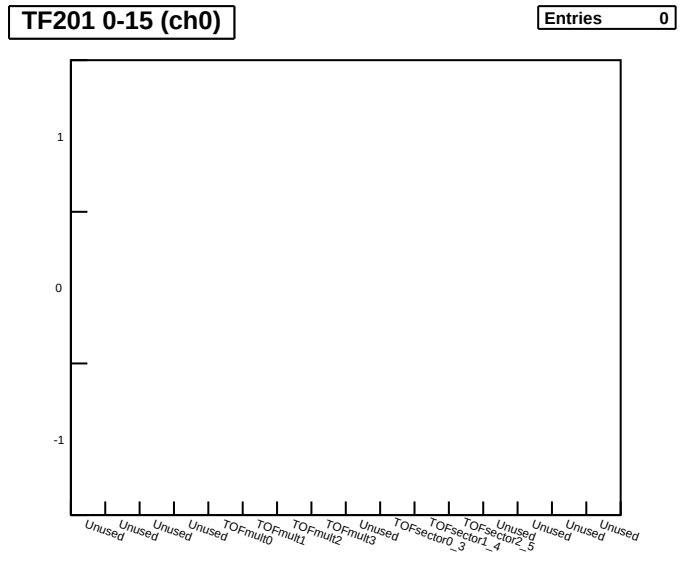

Entries 450422
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

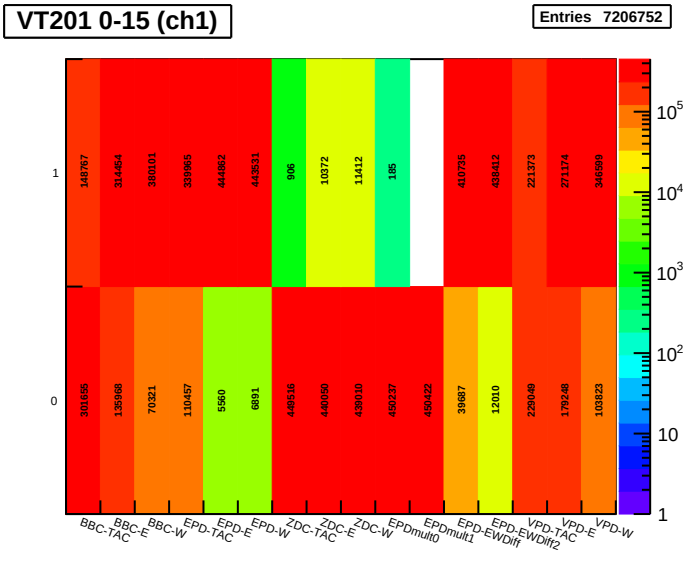

Entries 450422
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

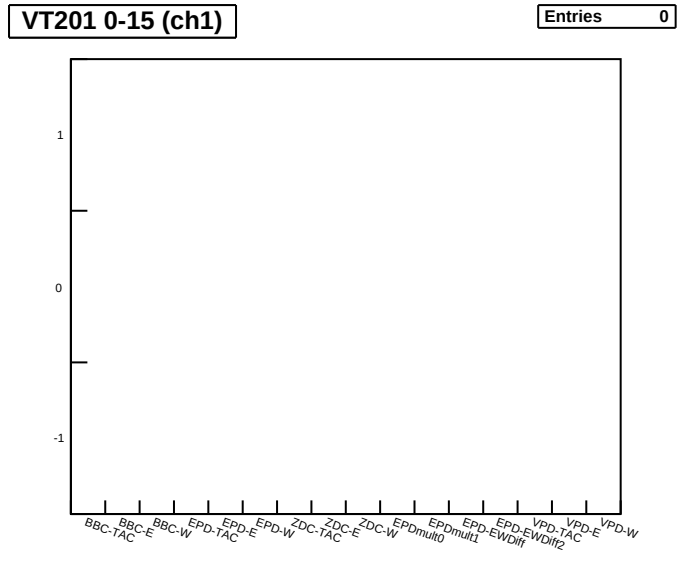

Laser Input Bits
Entries 450422
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

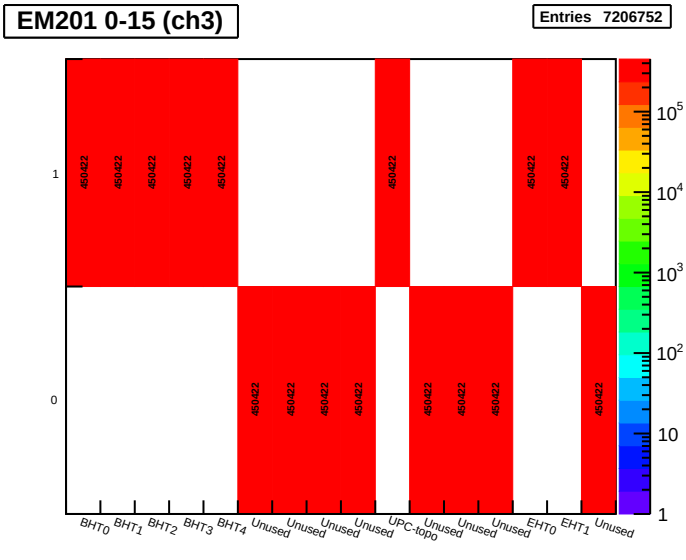

ST201 0-15 (ch6)
Entries 7206752
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450409
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

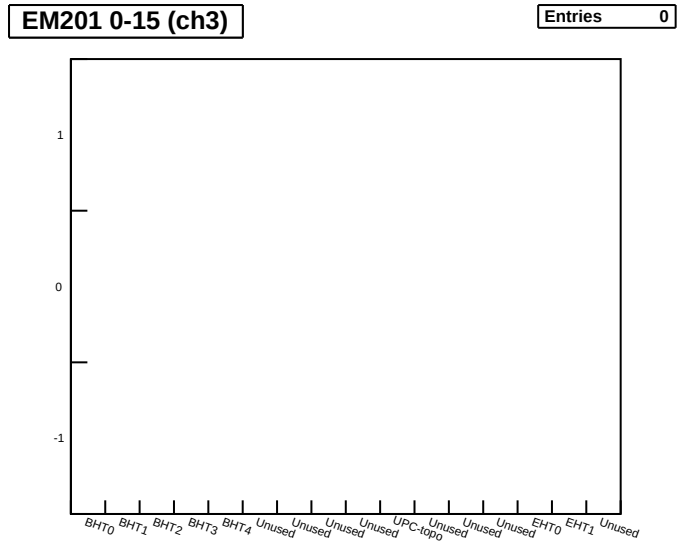

TF201 0-15 (ch0)
Entries 7206752
1
0
450422
446370
403715
388868
298247
373859
375147
370733
450422
450422
450422
450422
450422
450422
5052
46707
61554
152175
450422
76563
75275
79689
450422
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7206752
1
0
148767
314454
300101
339965
444862
443531
906
10372
11412
185
410735
438412
221373
271174
346589
301655
135968
70321
110457
5560
6891
449516
440950
439010
450237
450422
39687
12010
229049
179248
103823
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 7206752
1
0
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
450422
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