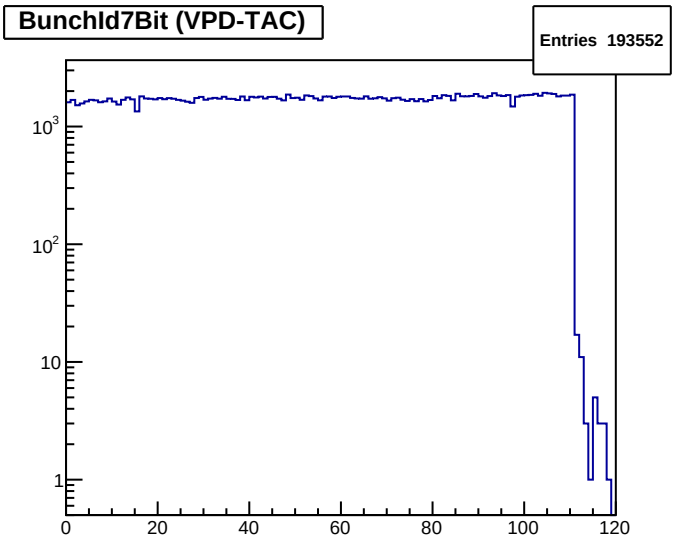
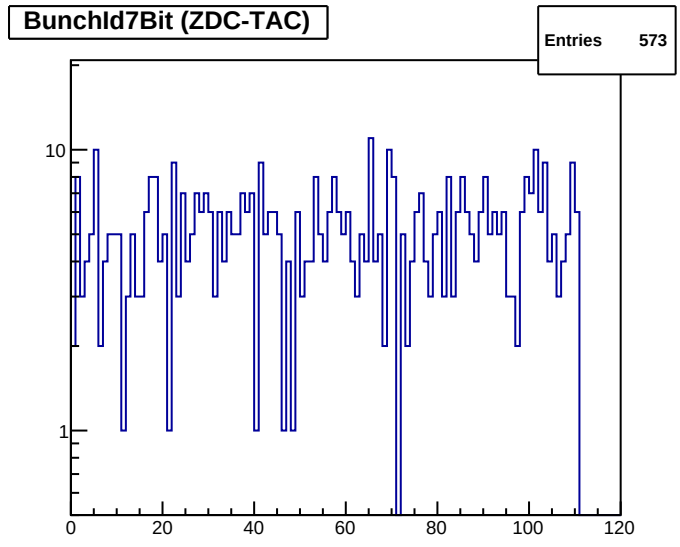
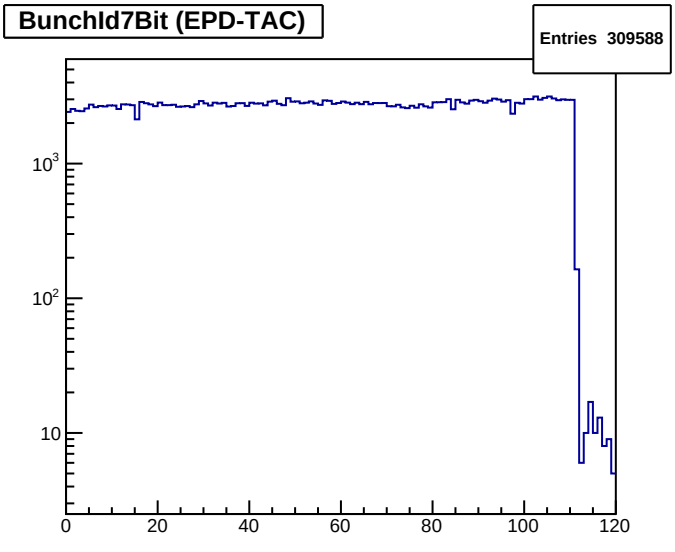
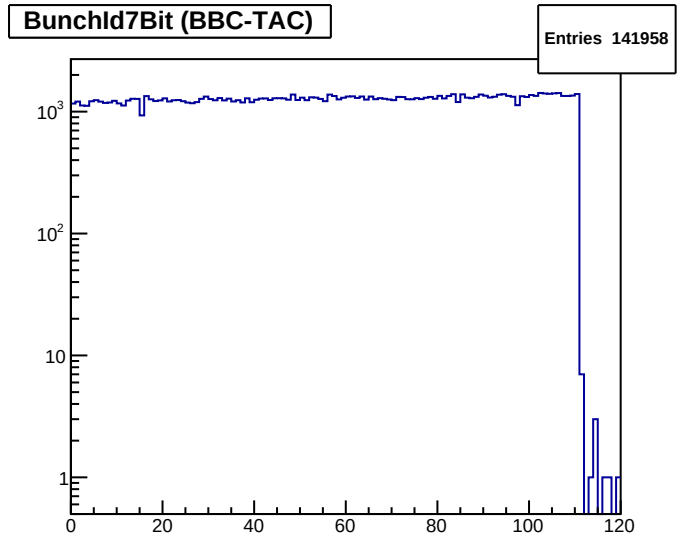
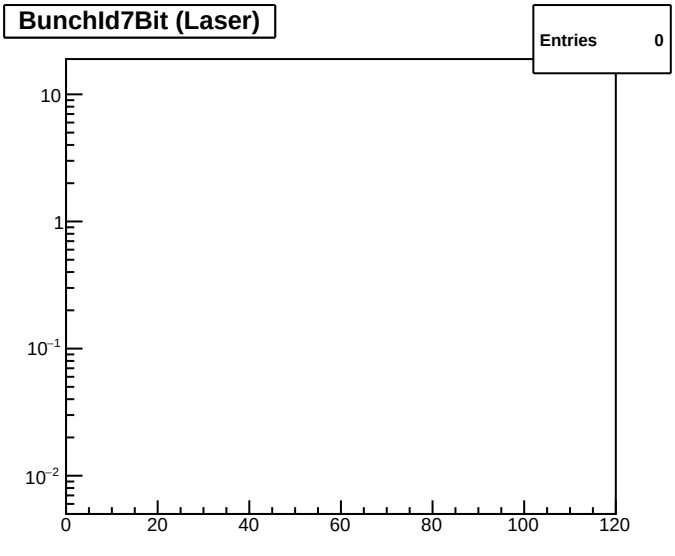
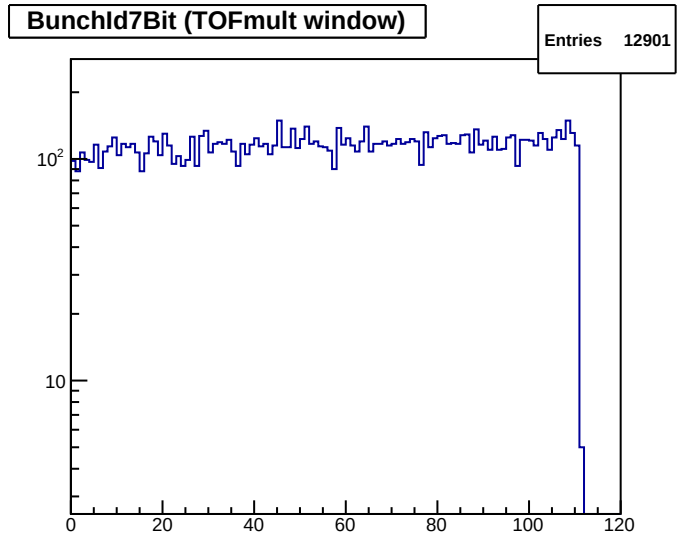

BunchId7Bit (VPD-TAC)
Entries 193552

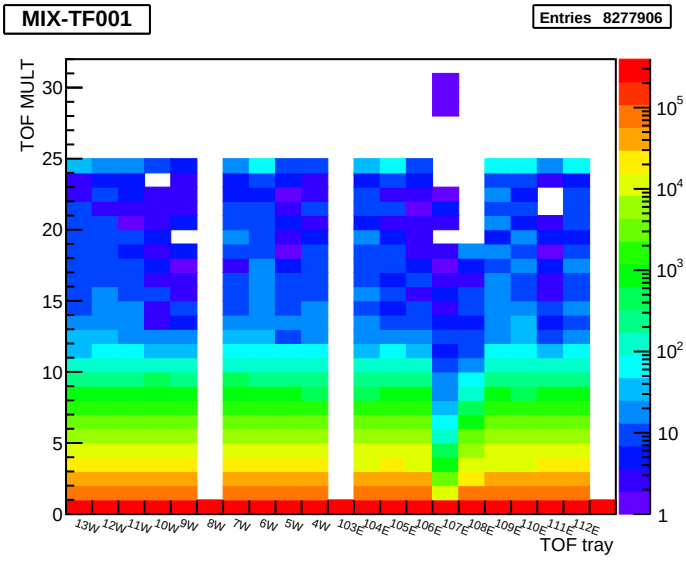

BunchId7Bit (ZDC-TAC)
Entries 573

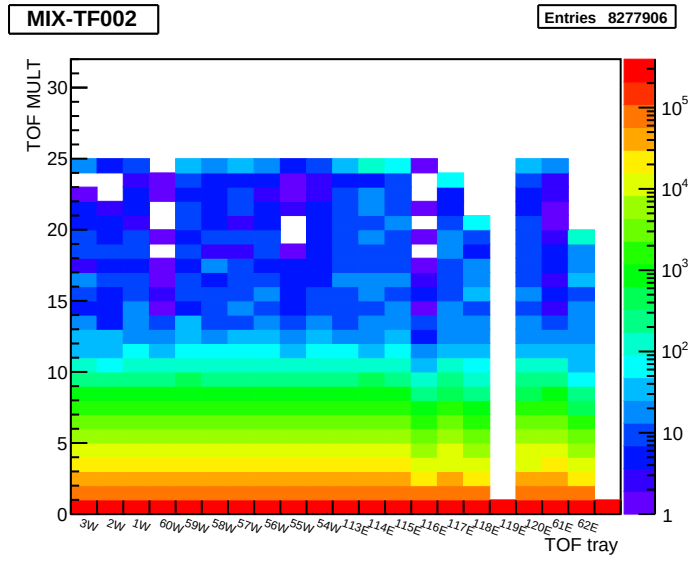

BunchId7Bit (EPD-TAC)
Entries 309588

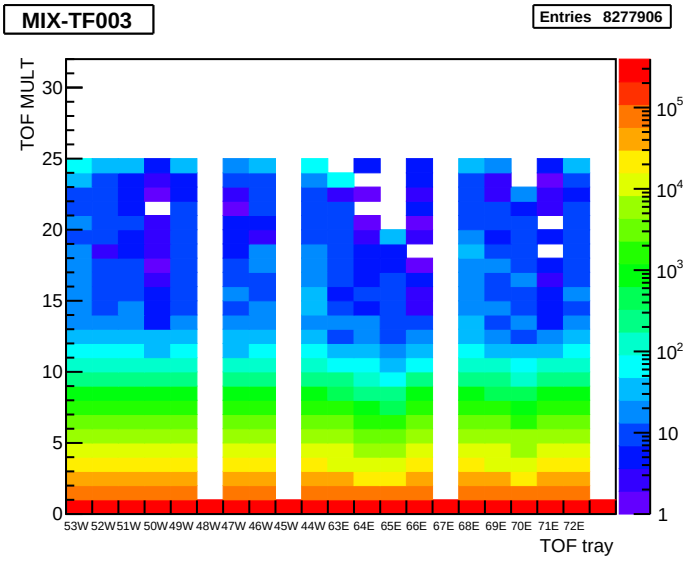

BunchId7Bit (BBC-TAC)
Entries 141958

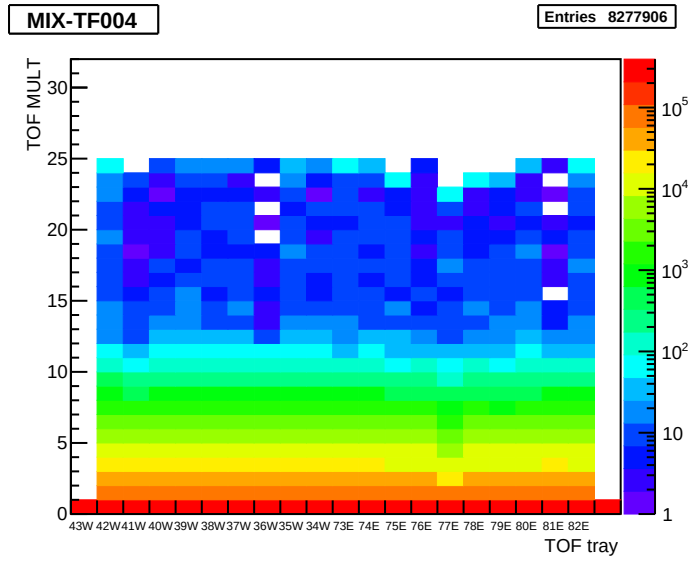

BunchId7Bit (Laser)
Entries 0

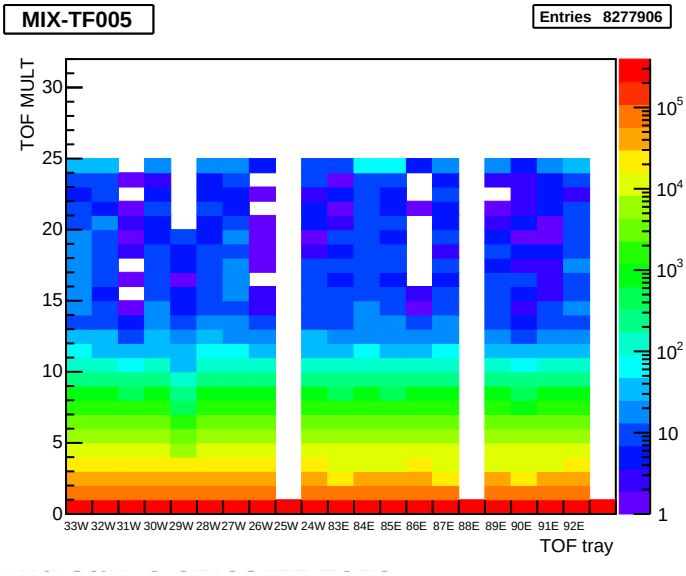

BunchId7Bit (TOFmult window)
Entries 12901

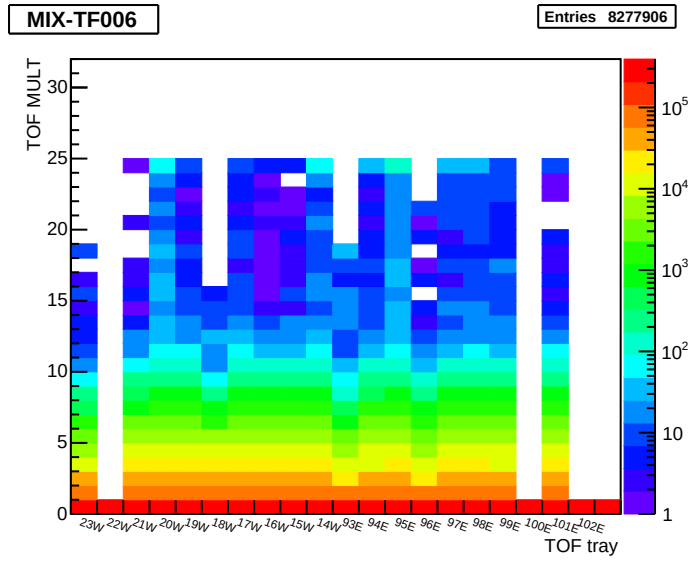

MIX-TF001
Entries 8277906
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

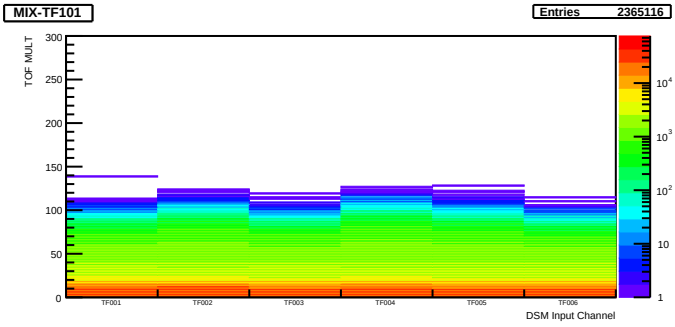

MIX-TF002
Entries 8277906
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

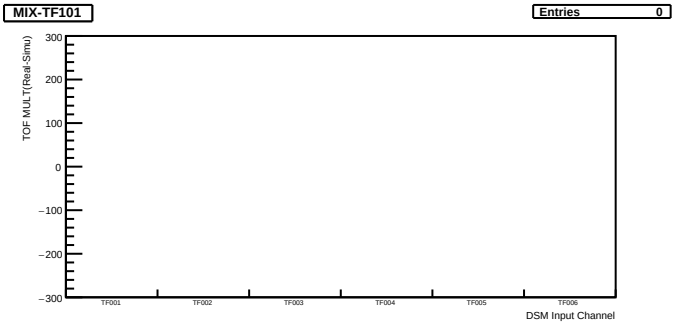

MIX-TF003
Entries 8277906
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

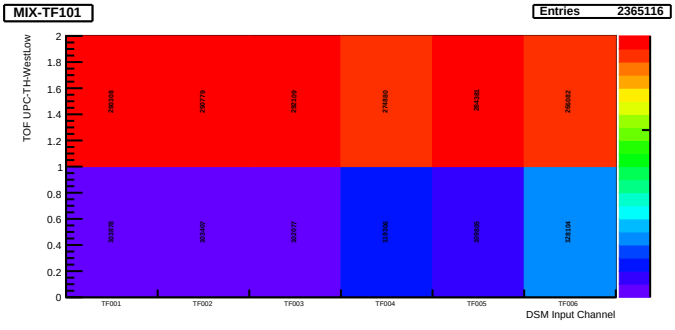

MIX-TF004
Entries 8277906
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

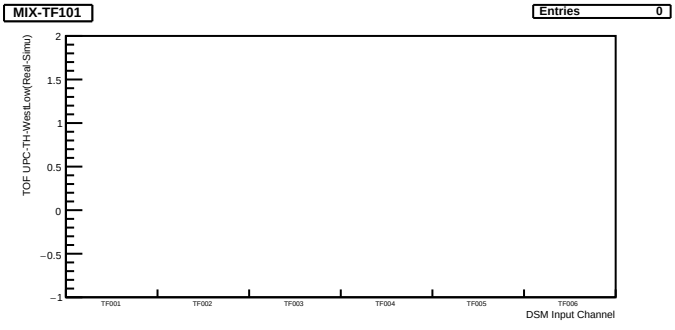

MIX-TF005
Entries 8277906
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

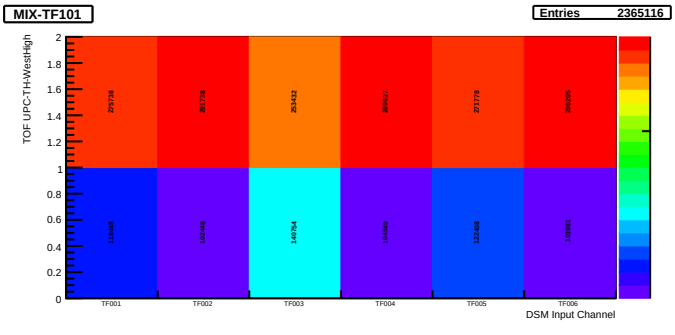

MIX-TF006
Entries 8277906
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

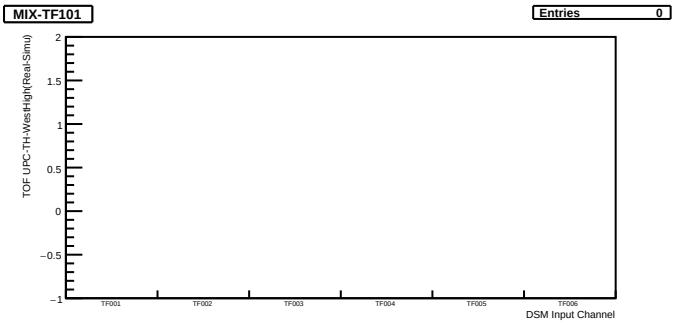

MIX-TF101
Entries 2365116
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

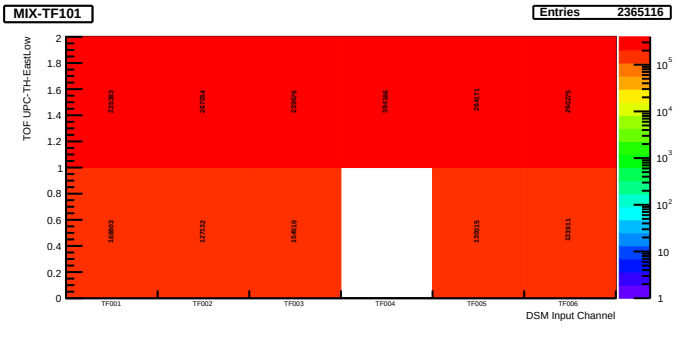

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

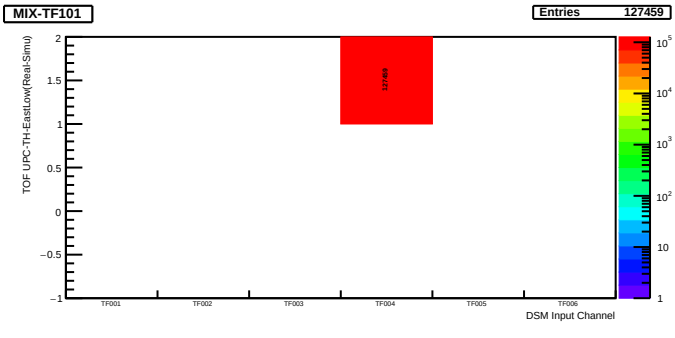

MIX-TF101
Entries 2365116
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

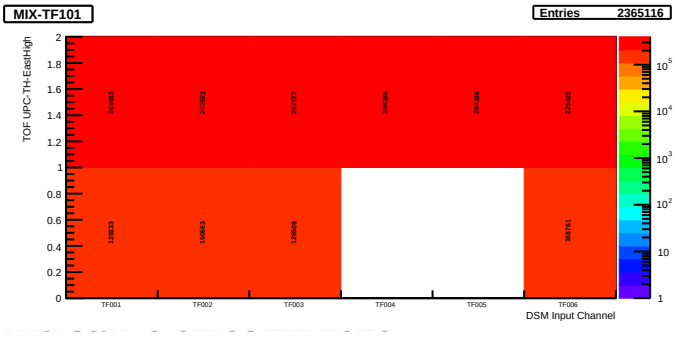

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

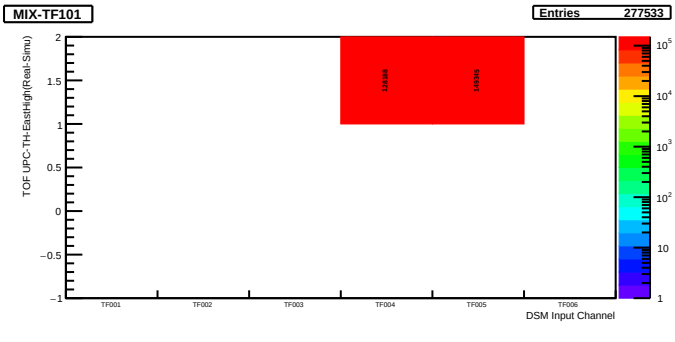

MIX-TF101
Entries 2365116
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

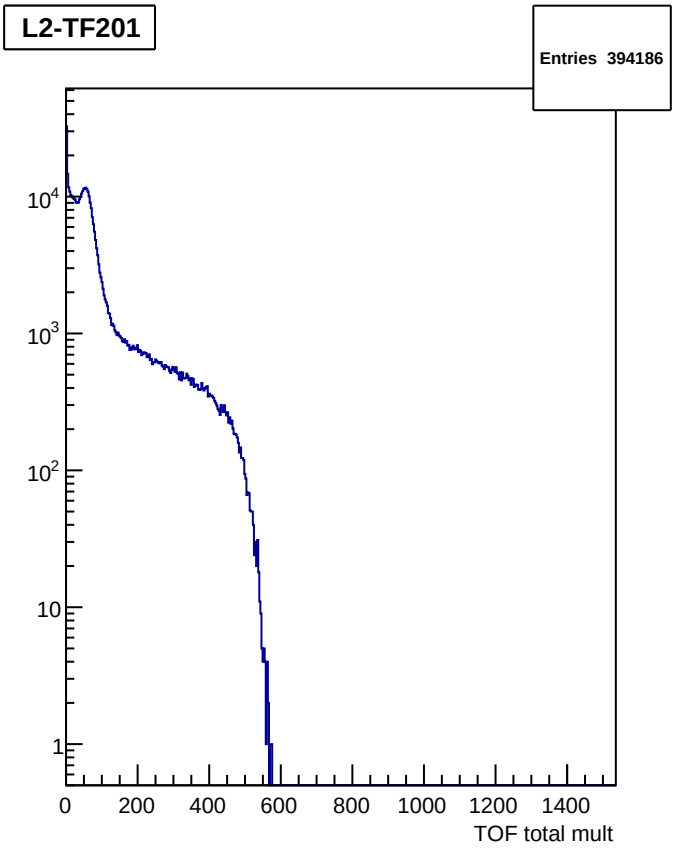

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

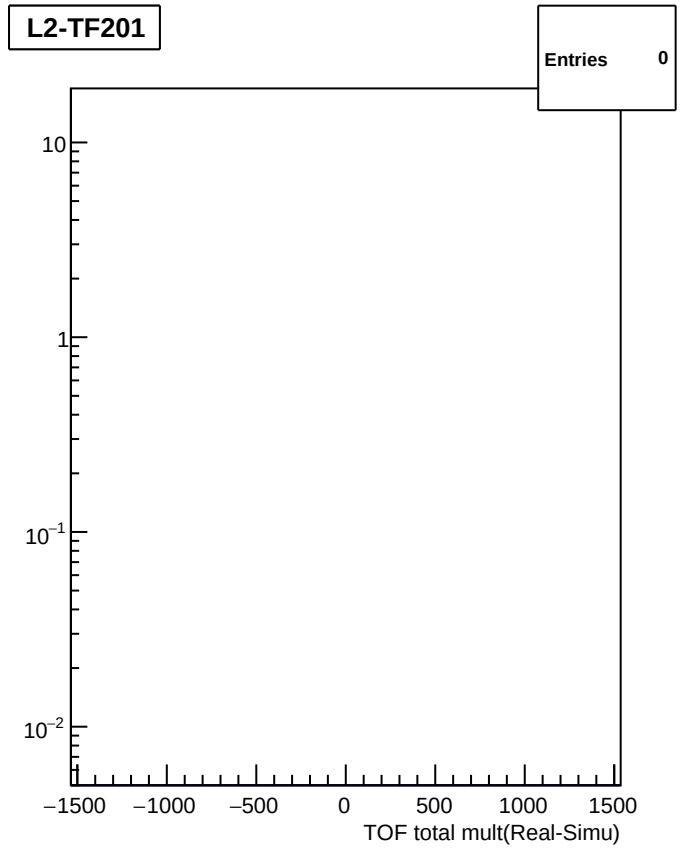

MIX-TF101
Entries 2365116
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

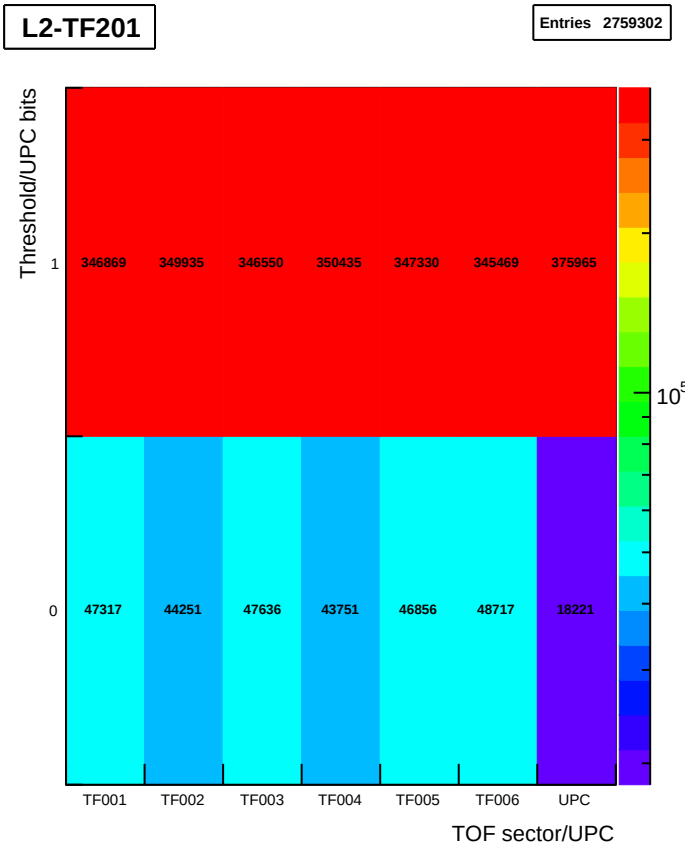

MIX-TF101
Entries 127459
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

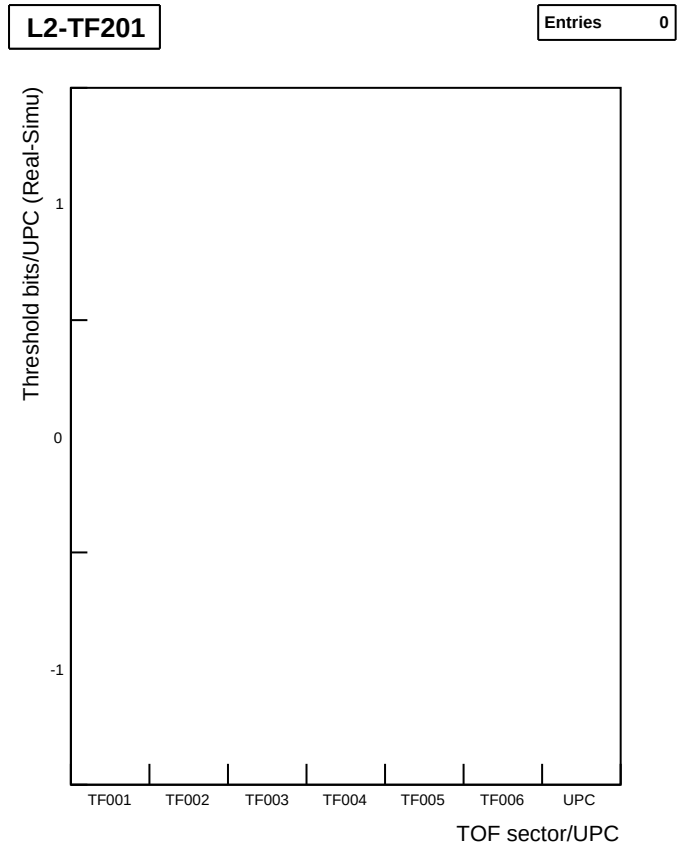

MIX-TF101
Entries 2365116
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

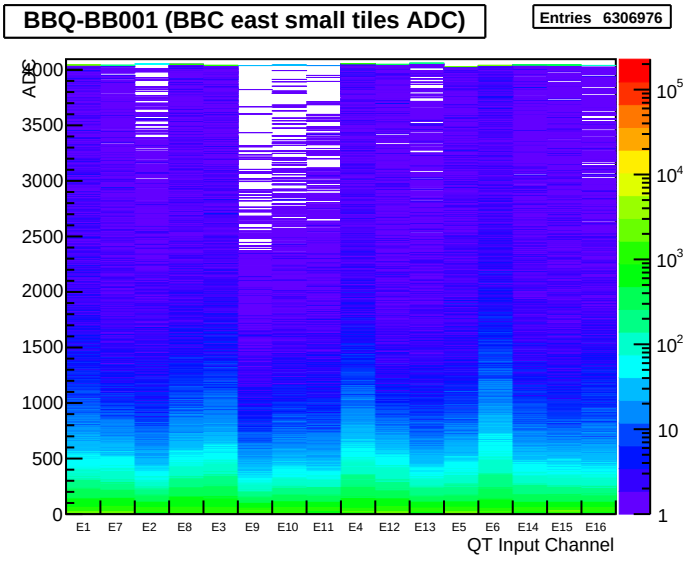

MIX-TF101
Entries 277533
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

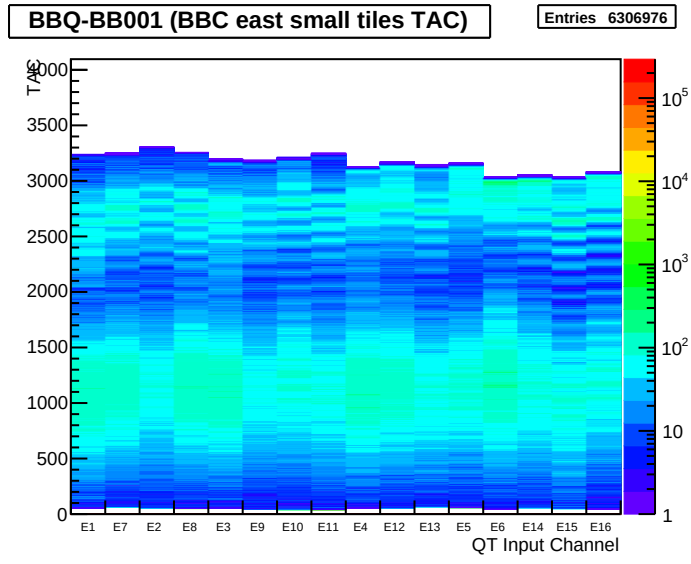

L2-TF201
Entries 394186
TOF total mult

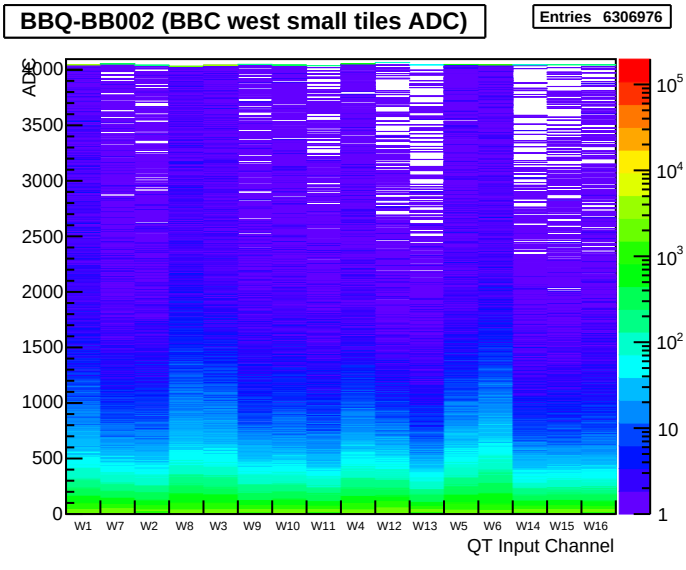

L2-TF201
Entries 0
TOF total mult(Real-Simu)

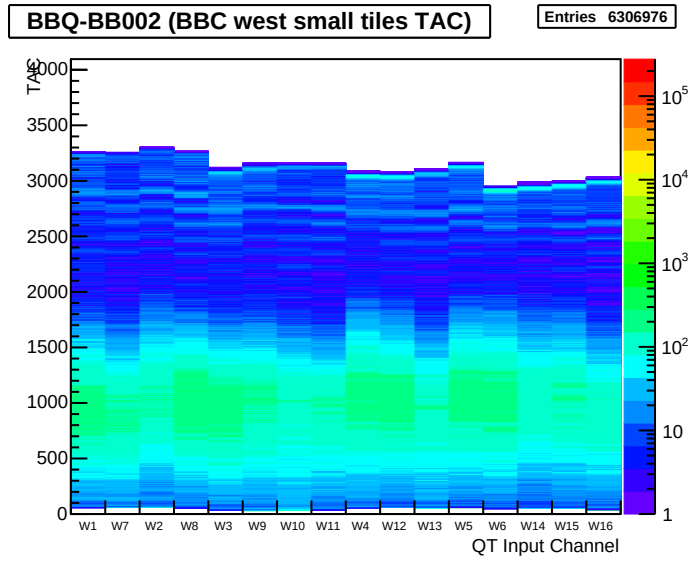

L2-TF201
Entries 2759302
Threshold/UPC bits
346869
349935
346550
350435
347330
345469
375965
47317
44251
47636
43751
46856
48717
18221
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

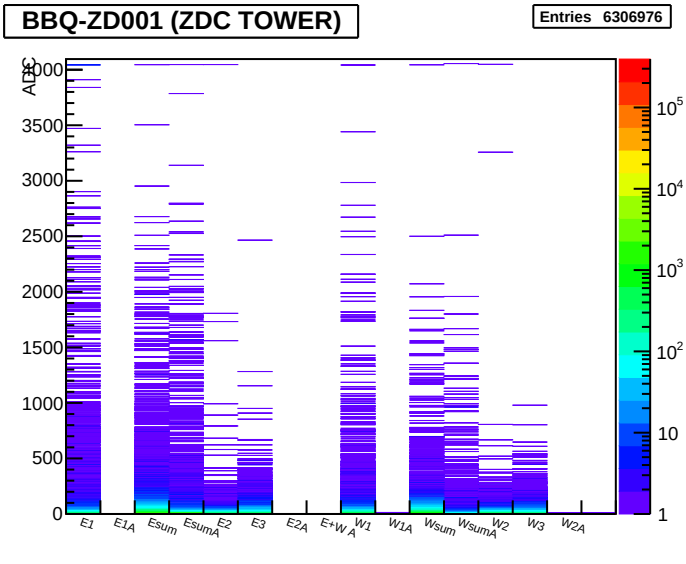

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

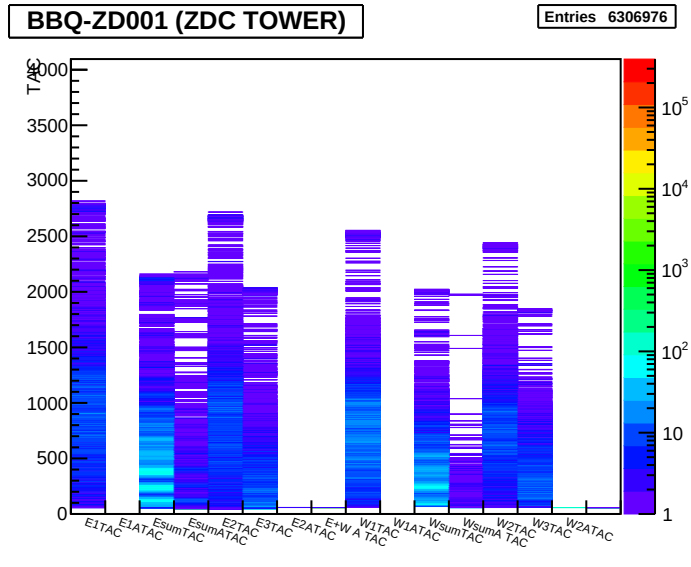

BBQ-BB001 (BBC east small tiles ADC)
Entries 6306976
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

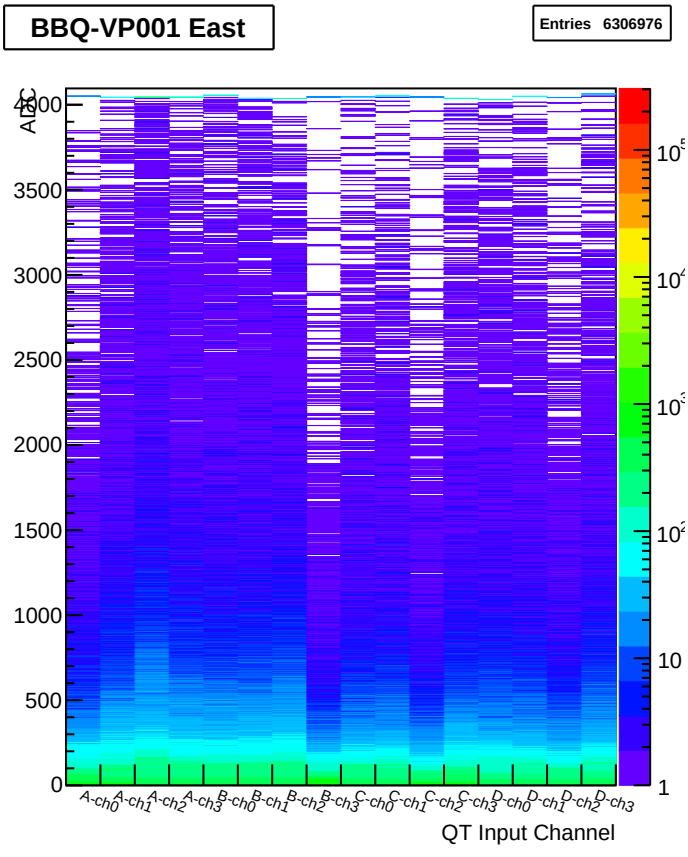

BBQ-BB001 (BBC east small tiles TAC)
Entries 6306976
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

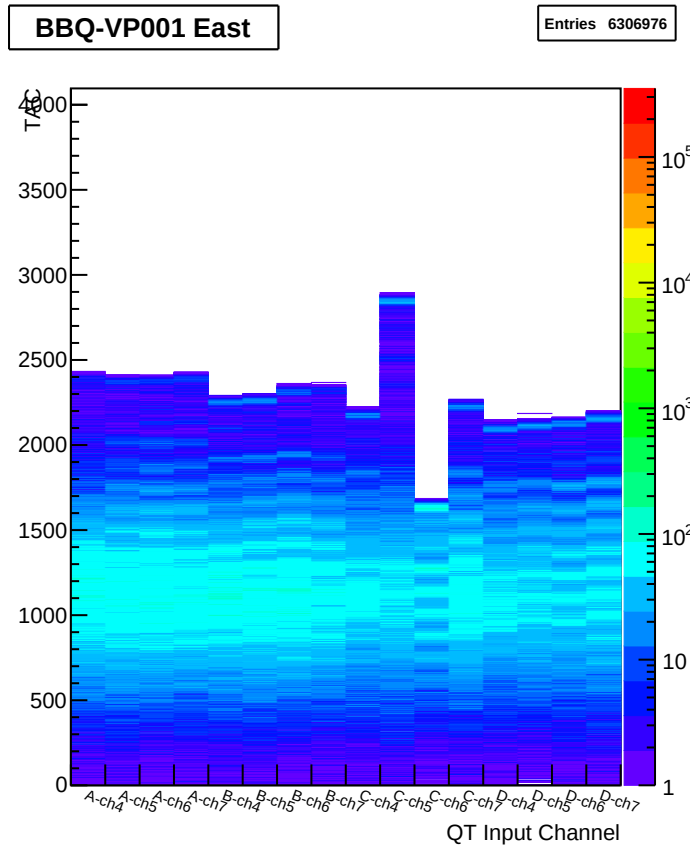

BBQ-BB002 (BBC west small tiles ADC)
Entries 6306976
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

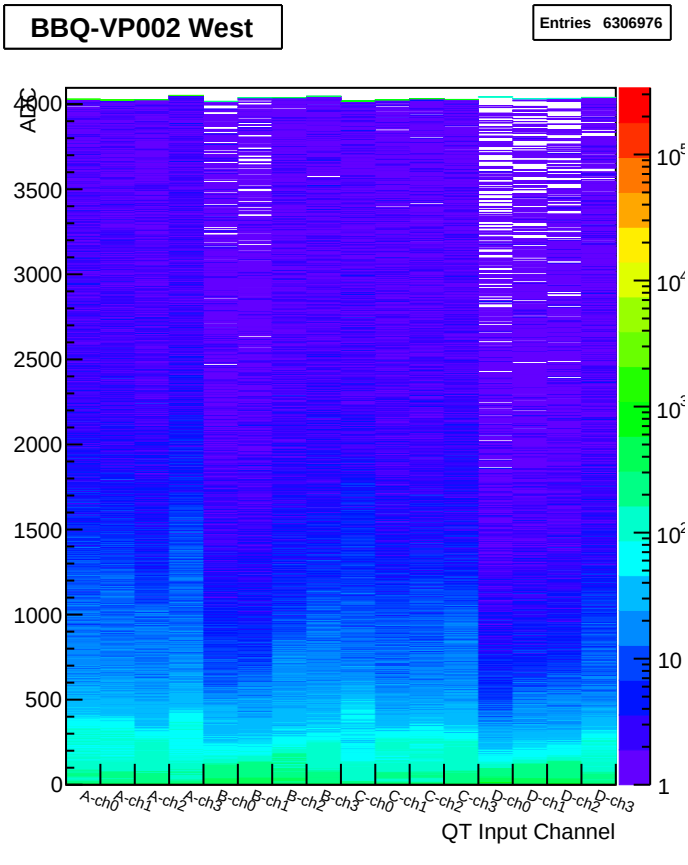

BBQ-BB002 (BBC west small tiles TAC)
Entries 6306976
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

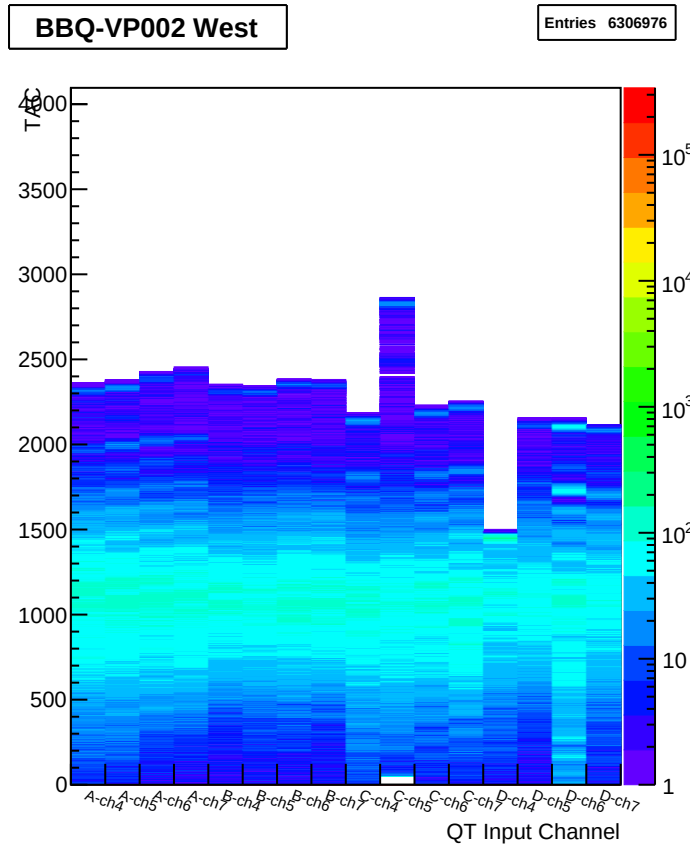

BBQ-ZD001 (ZDC TOWER)
Entries 6306976
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

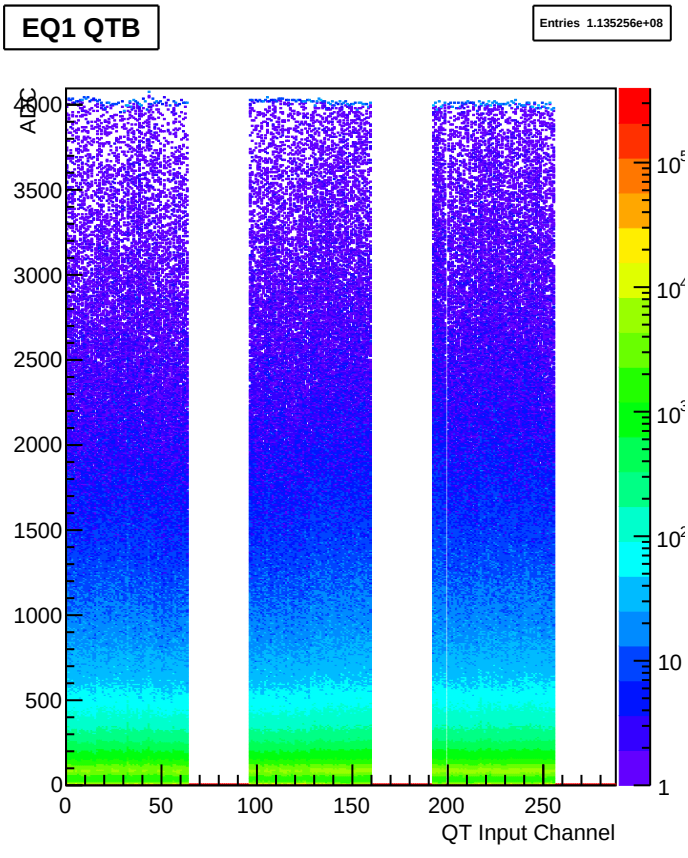

BBQ-ZD001 (ZDC TOWER)
Entries 6306976
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

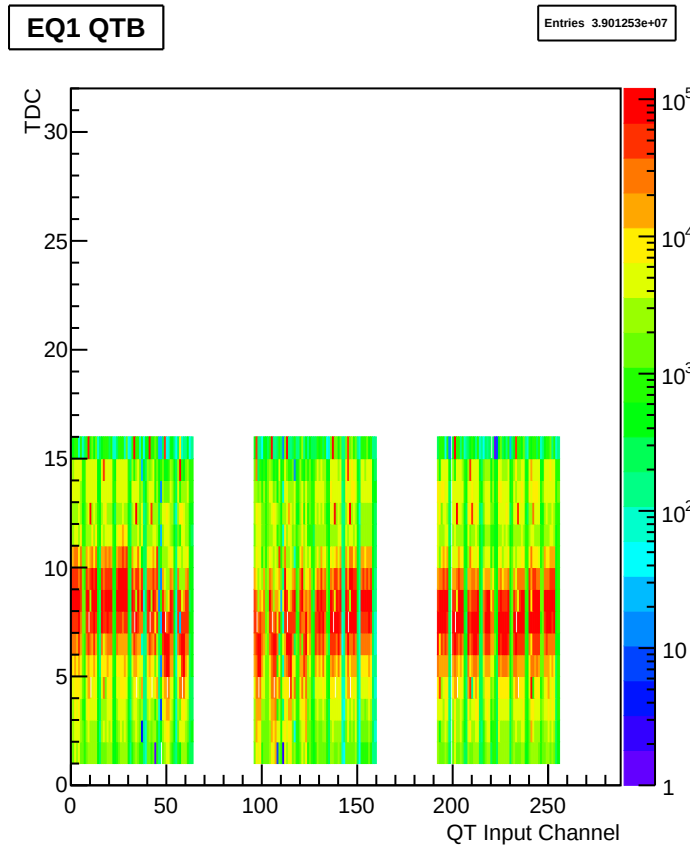

BBQ-VP001 East
Entries 6306976
ADC
QT Input Channel

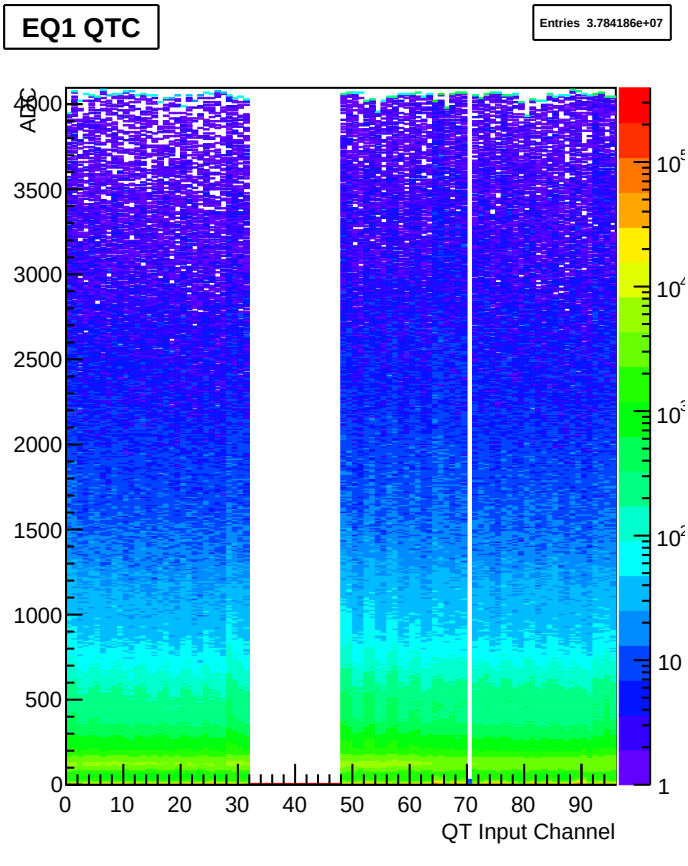

BBQ-VP001 East
Entries 6306976
TADC
QT Input Channel

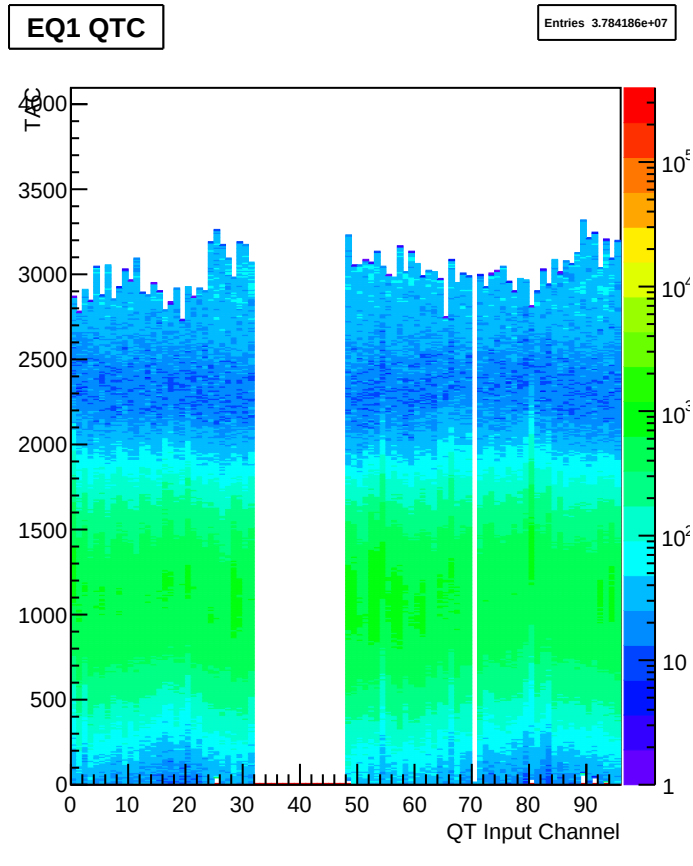

BBQ-VP002 West
Entries 6306976
ADC
QT Input Channel

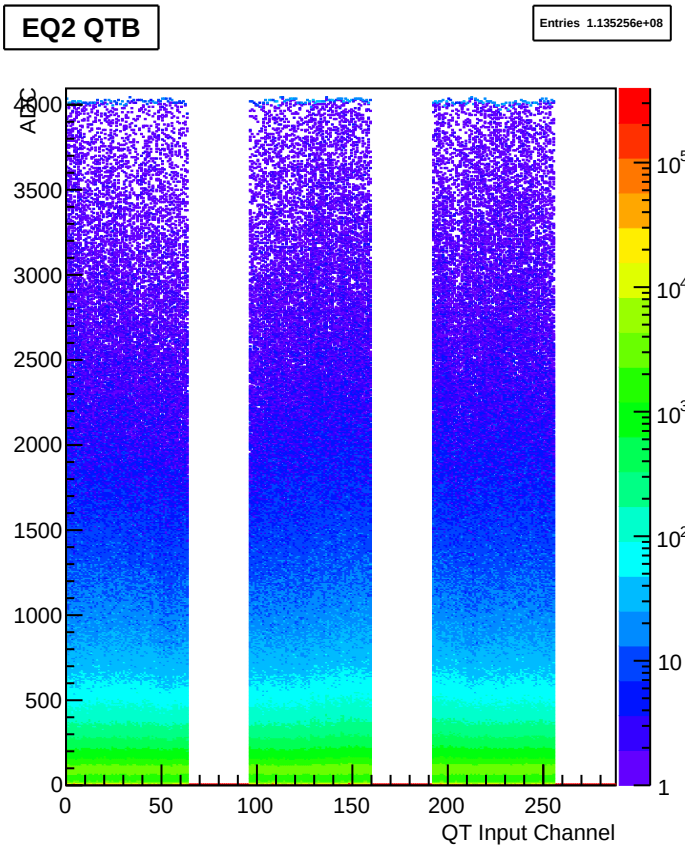

BBQ-VP002 West
Entries 6306976
TADC
QT Input Channel

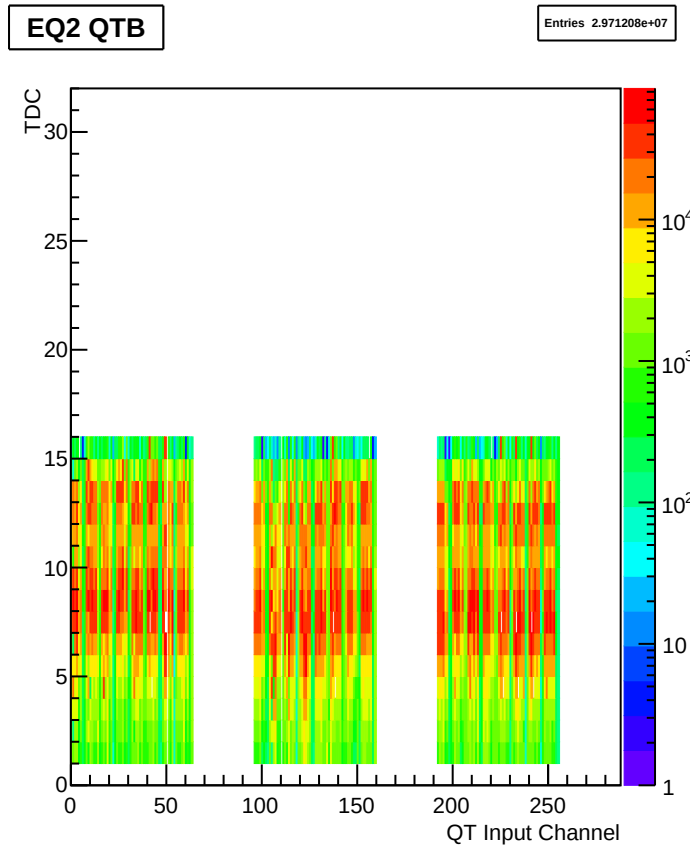

EQ1 QTB
Entries 1.135256e+08
ADC
QT Input Channel

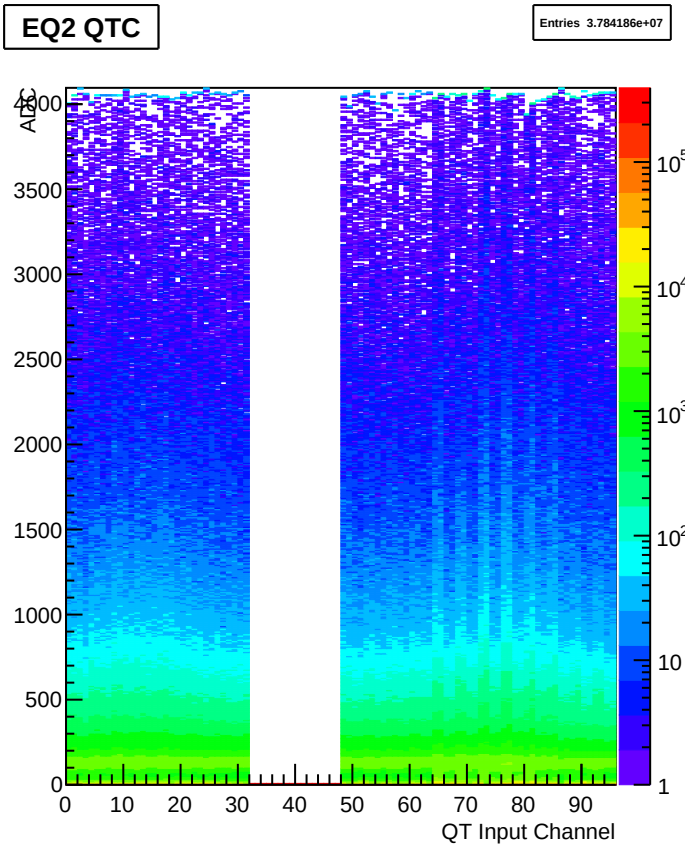

EQ1 QTB
Entries 3.901253e+07
TDC
QT Input Channel

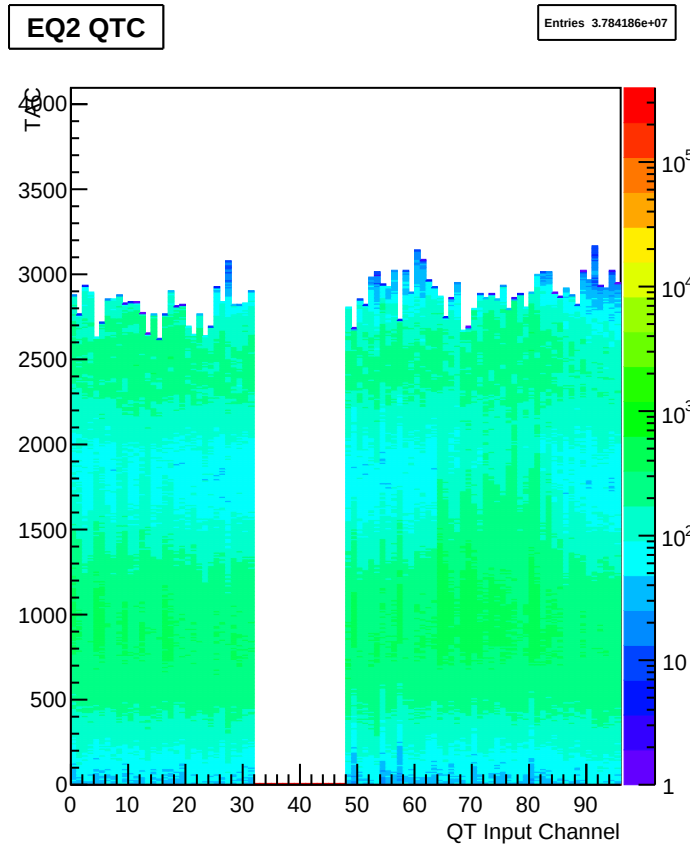

EQ1 QTC
Entries 3.784186e+07
ADC
QT Input Channel

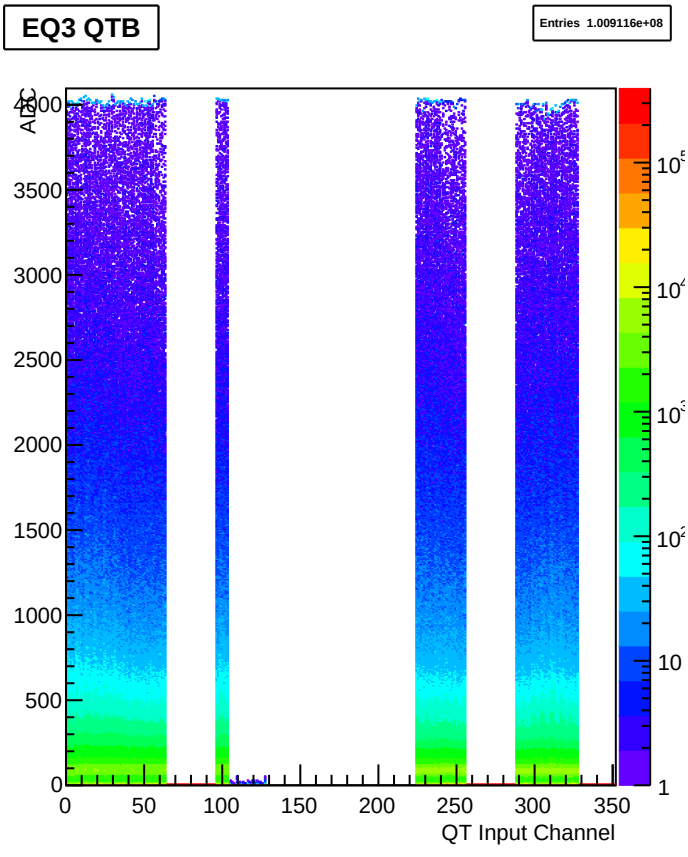

EQ1 QTC
Entries 3.784186e+07
TADC
QT Input Channel

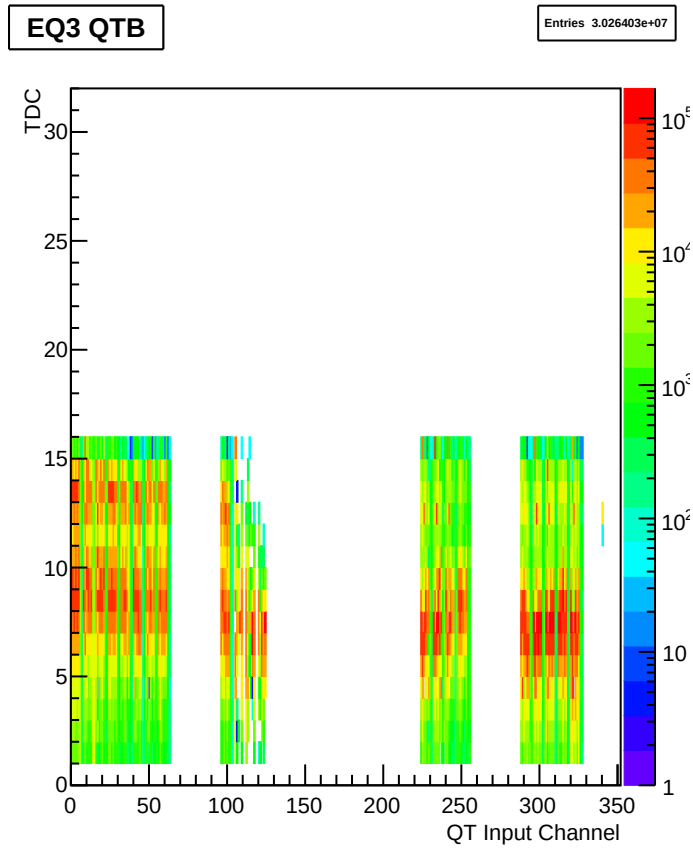

EQ2 QTB
Entries 1.135256e+08
ADC
QT Input Channel

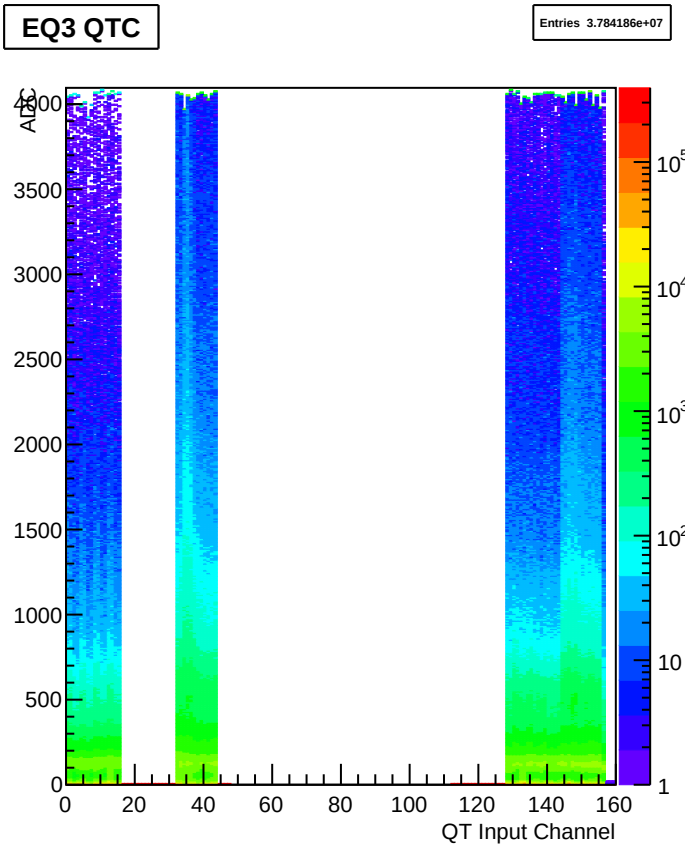

EQ2 QTB
Entries 2.971208e+07
TDC
QT Input Channel

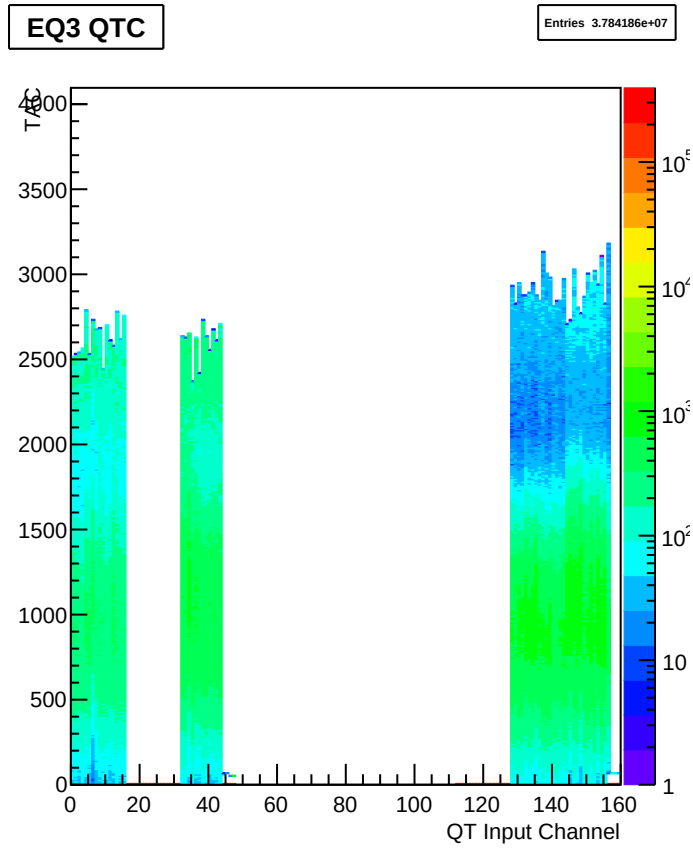

EQ2 QTC
Entries 3.784186e+07
ADC
QT Input Channel

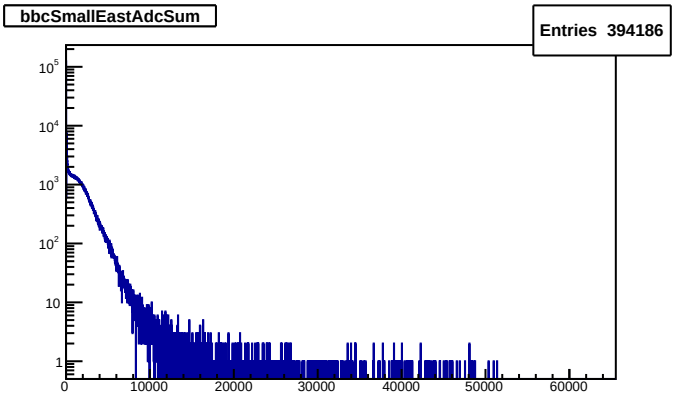

EQ2 QTC
Entries 3.784186e+07
TADC
QT Input Channel

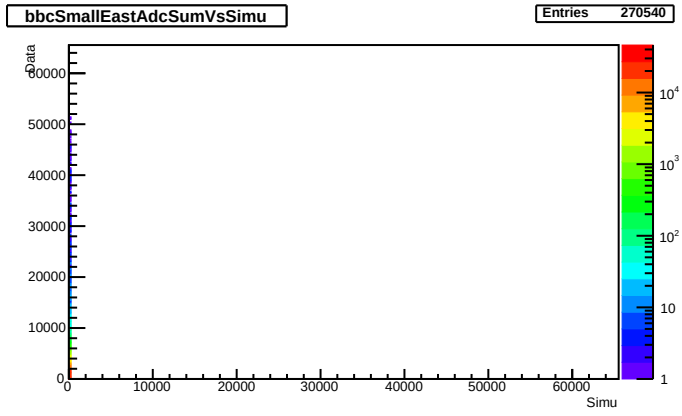

EQ3 QTB
Entries 1.009116e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.026403e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.784186e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.784186e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 394186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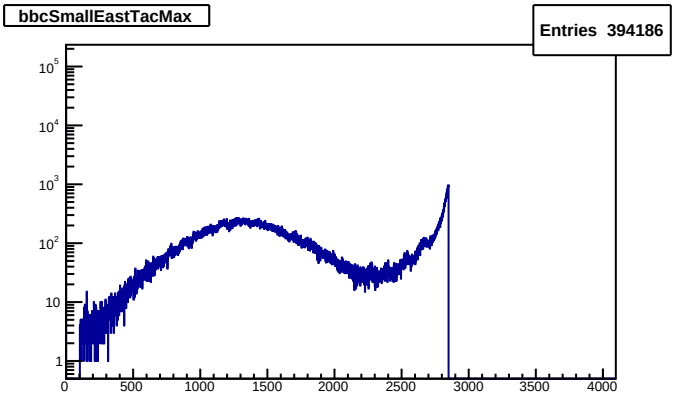
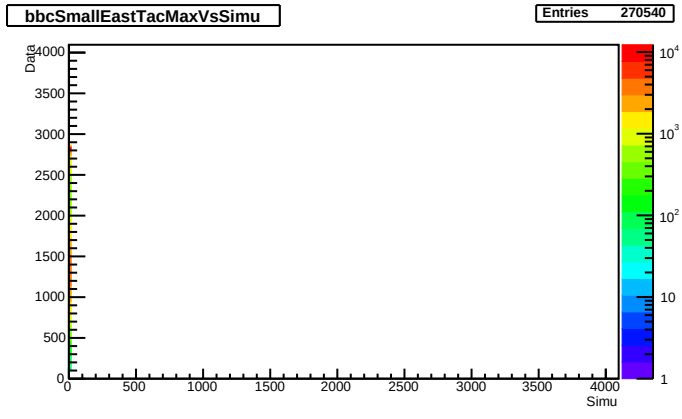
Entries 270540
Data
Simu


bbcSmallEastTacMax
Entries 394186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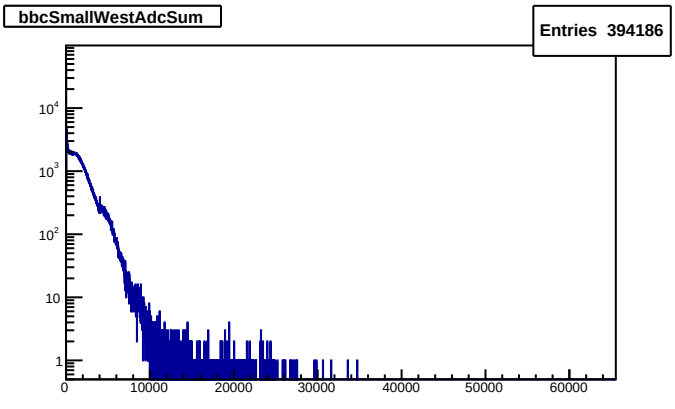
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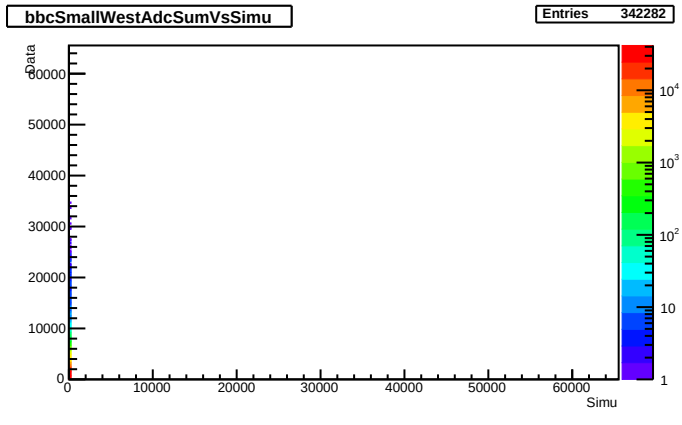
Entries 394186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Entries 342282
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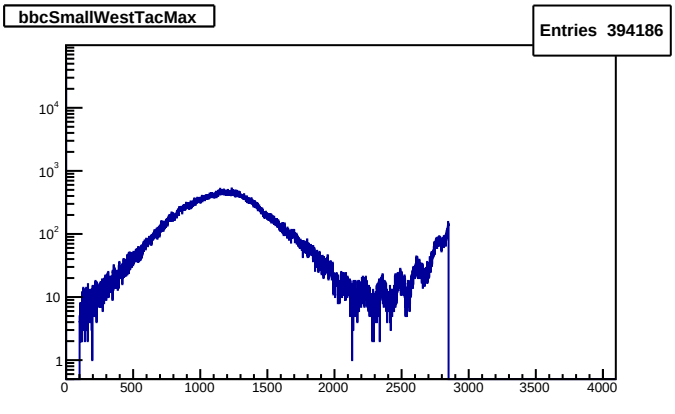
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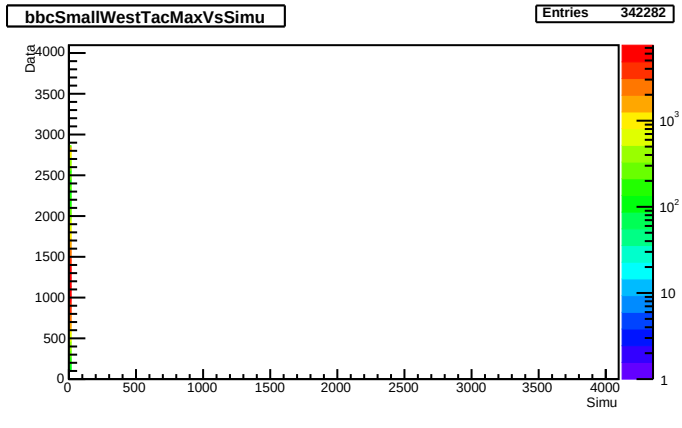
Entries 394186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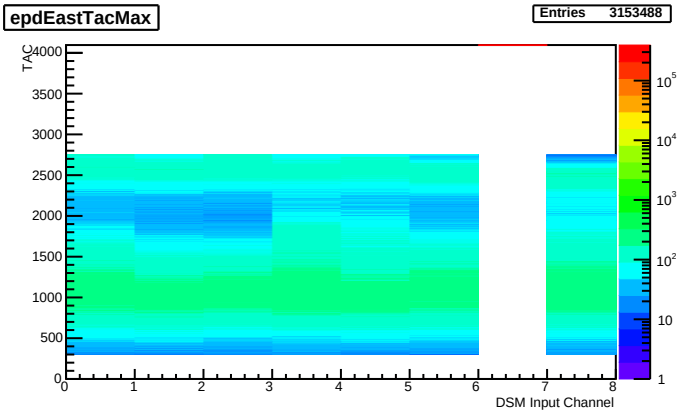
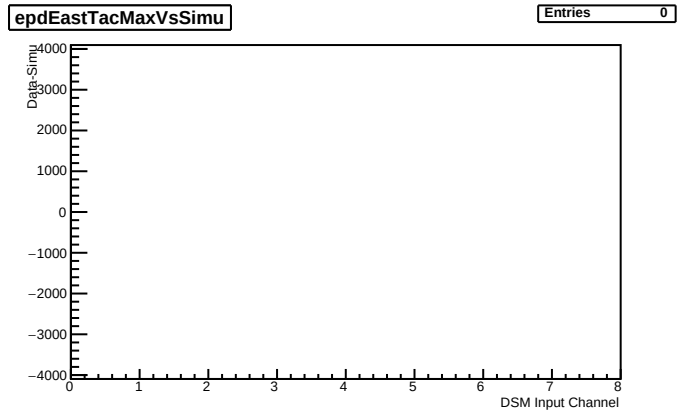
Entries 342282
Data
Simu


epdEastTacMax
Entries 3153488
TAC
DSM Input Channel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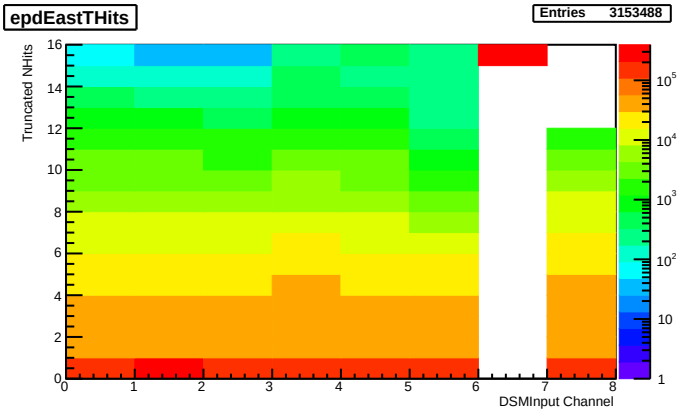
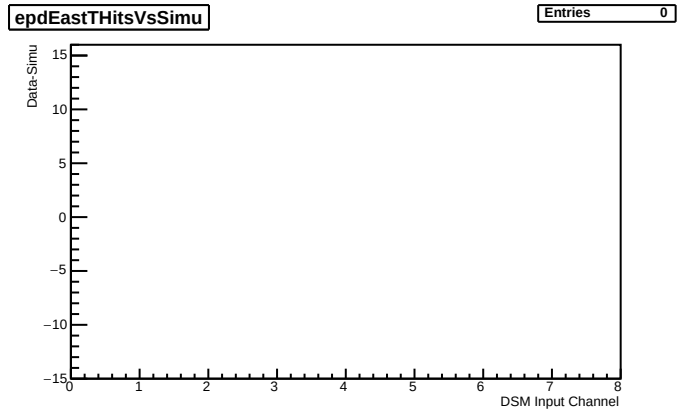
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3153488
Truncated NHits
DSMInput Channel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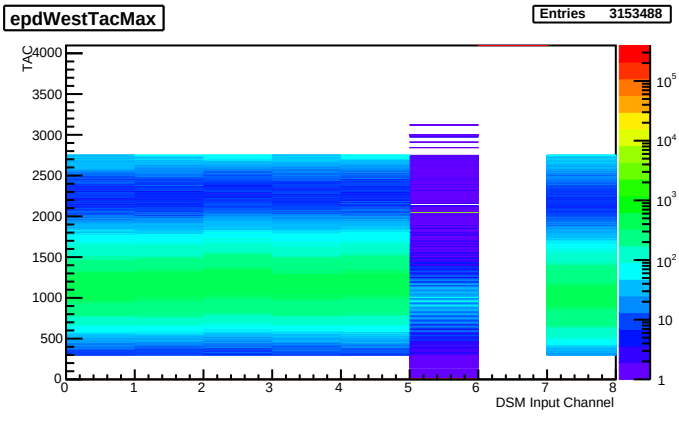
Data-Simu
DSM Input Channel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TAC
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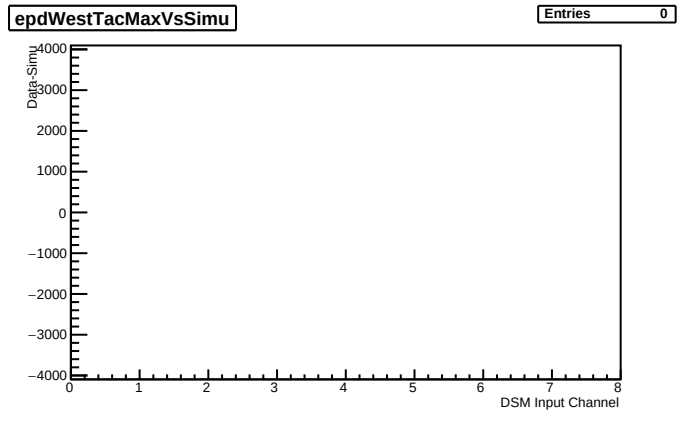
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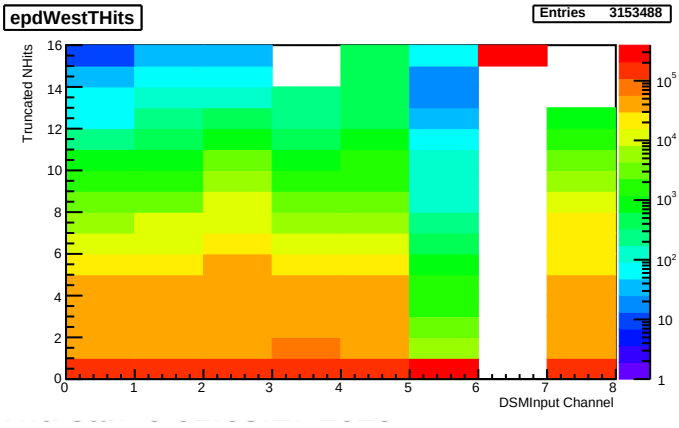
Data-Simu
DSM Input Channel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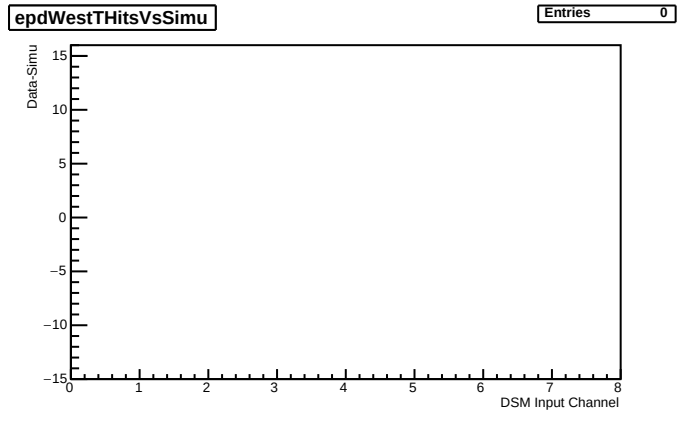
Entries 3153488
Truncated NHits
DSMInput Channel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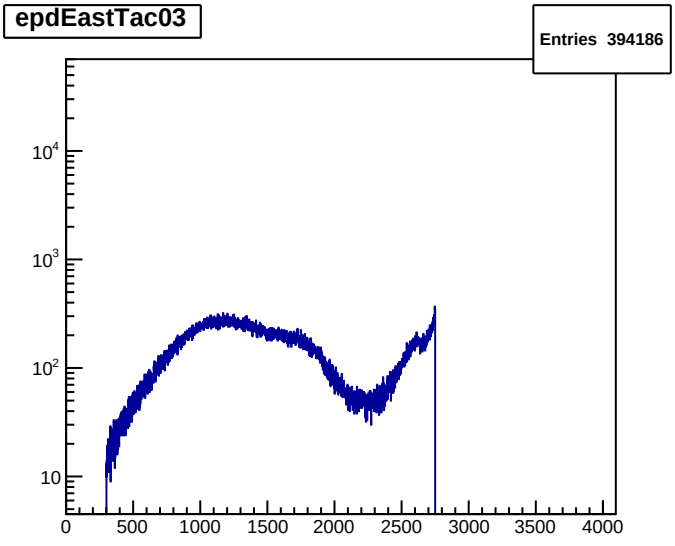
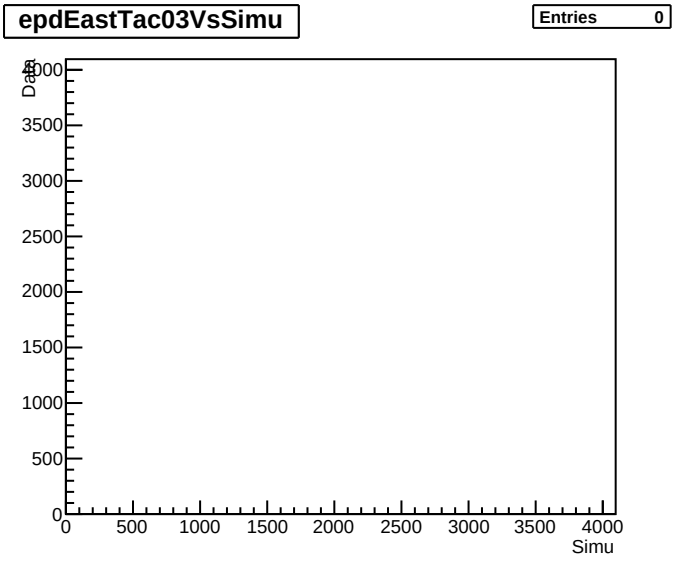
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 394186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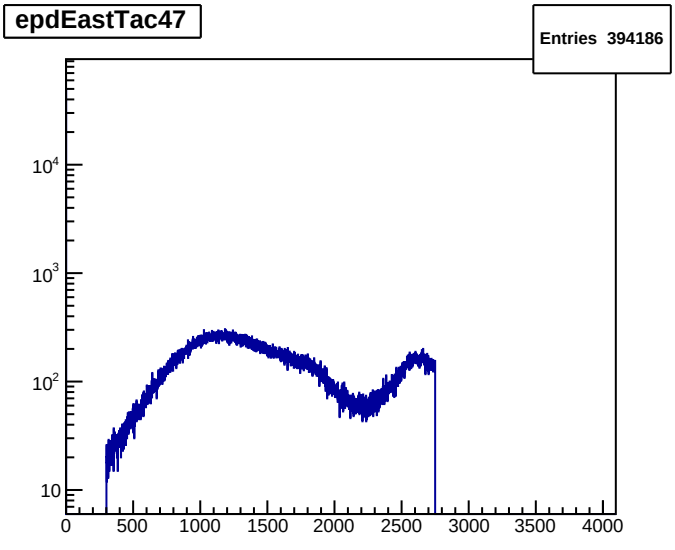
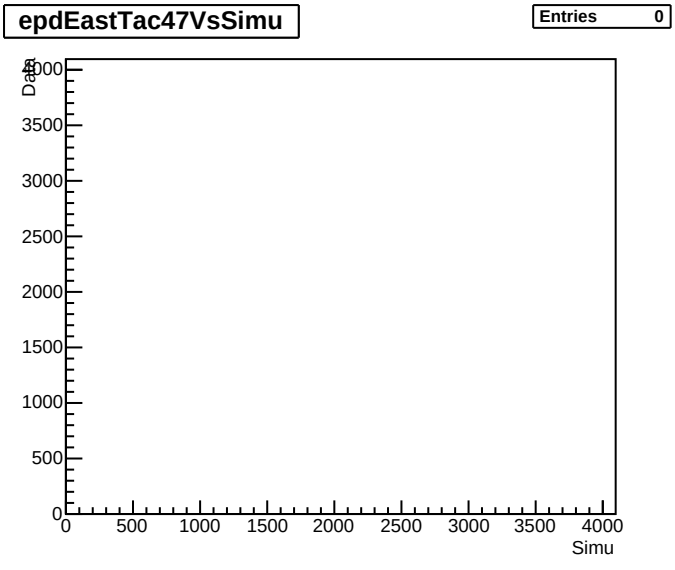
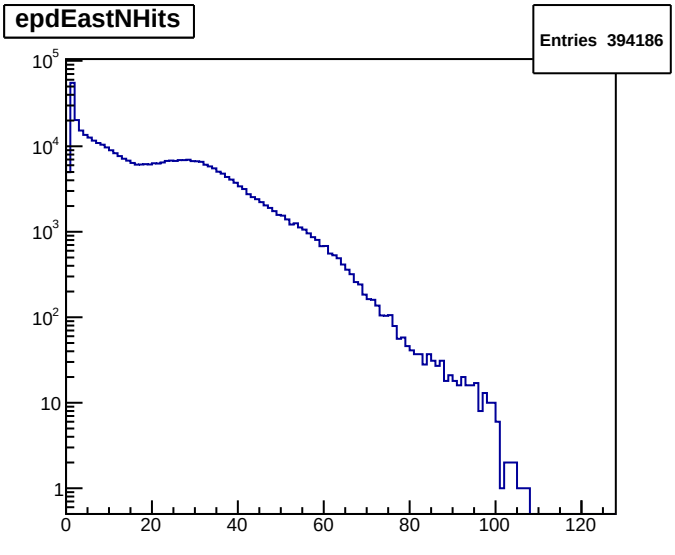
Entries 0
Data
Simu


epdEastTac47
Entries 394186


epdEastTac47VsSimu
Entries 0
Data
Simu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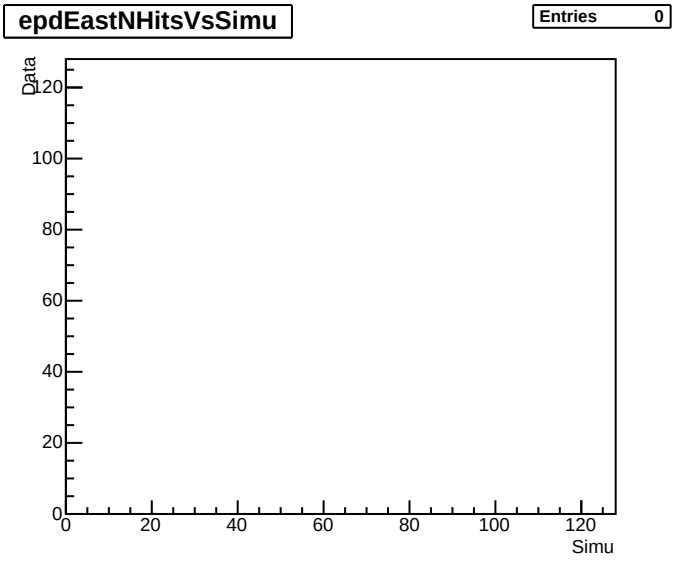
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Entries 0
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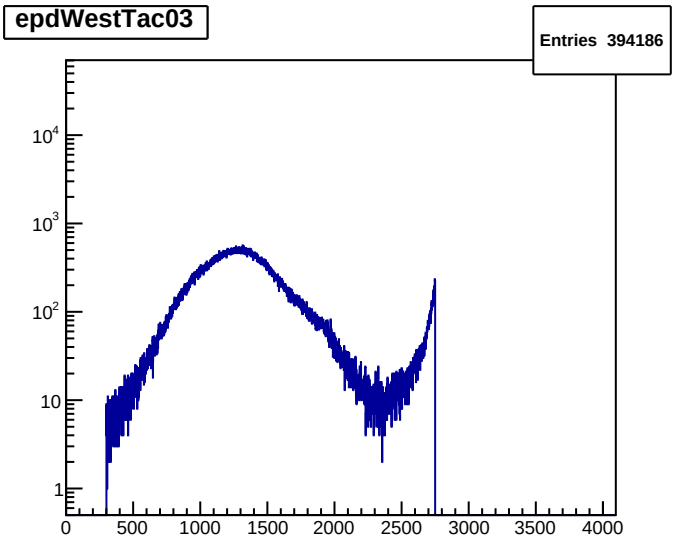
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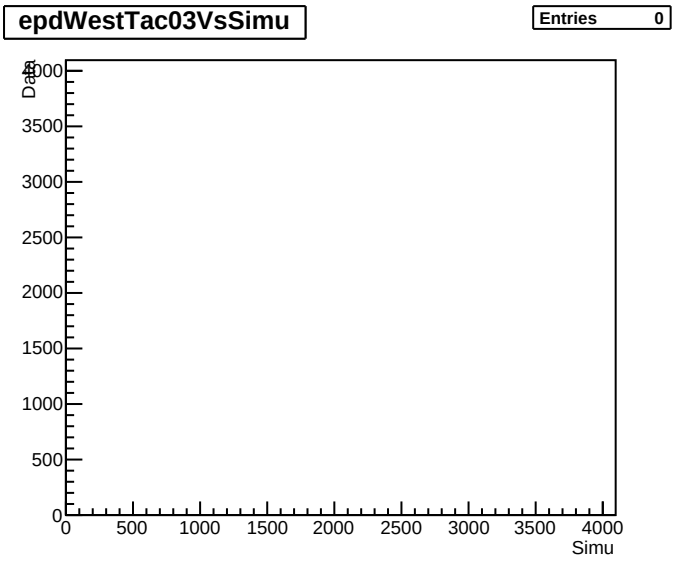
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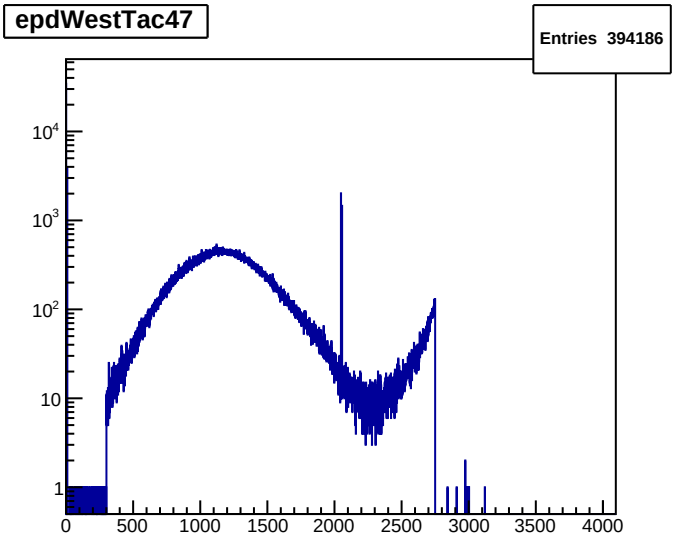
Entries 0
Data
Simu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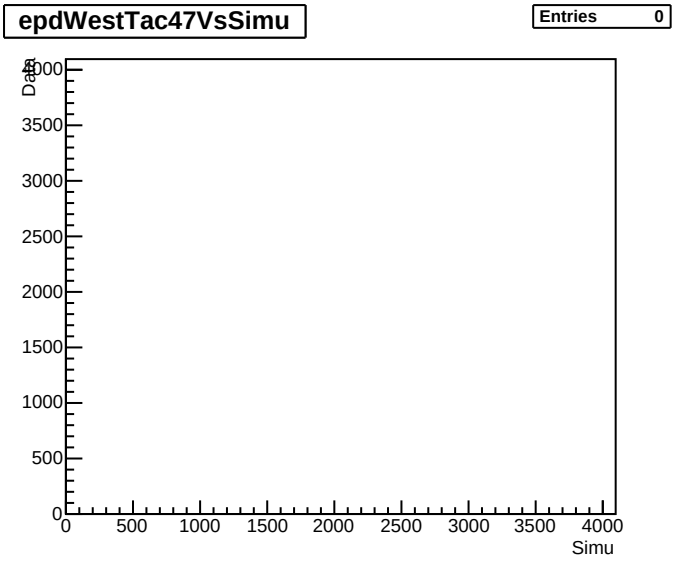
Entries 394186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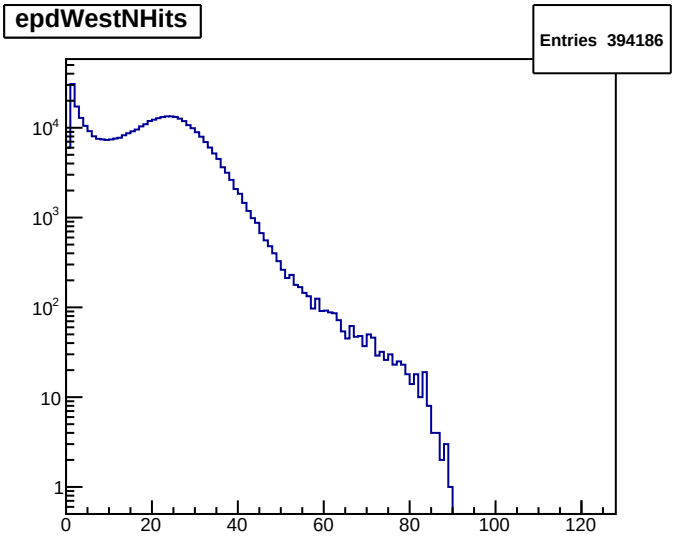
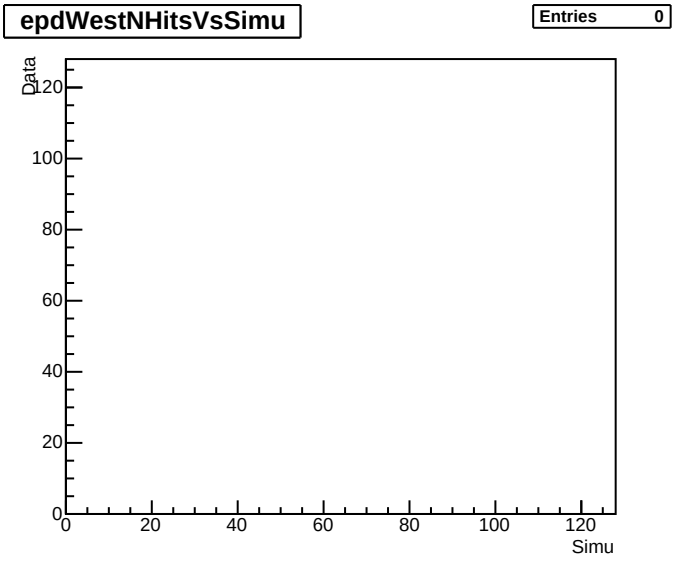
Entries 0
Data
Simu


epdWestNHits
Entries 394186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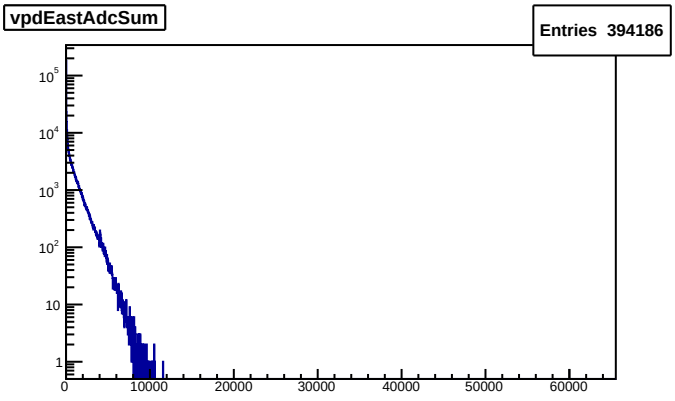
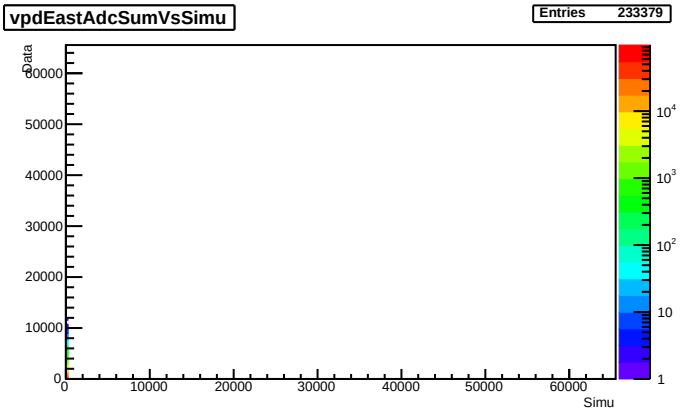
Entries 0
Data
Simu


vpdEastAdcSum
Entries 394186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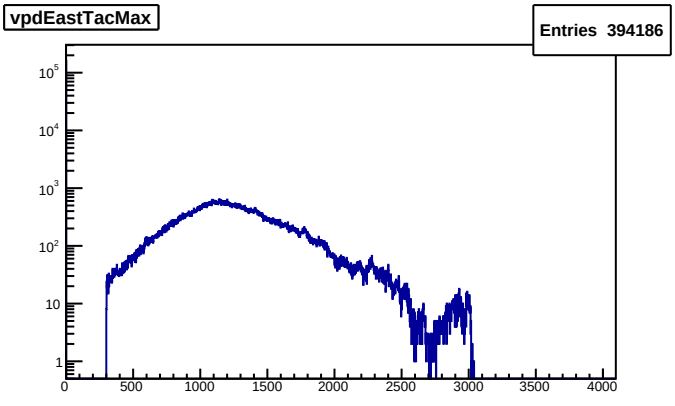
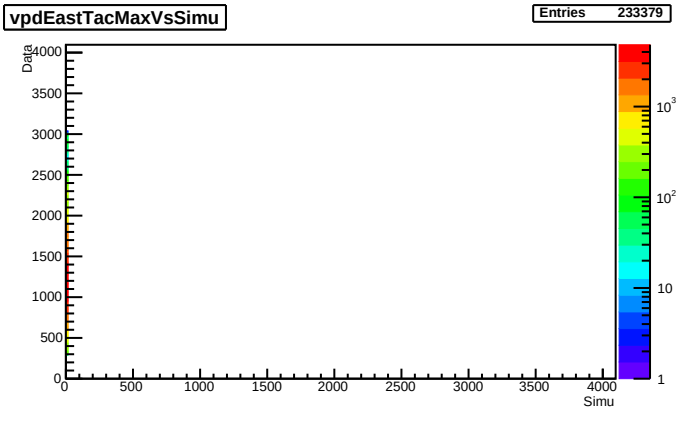
Entries 233379
Data
Simu


vpdEastTacMax
Entries 394186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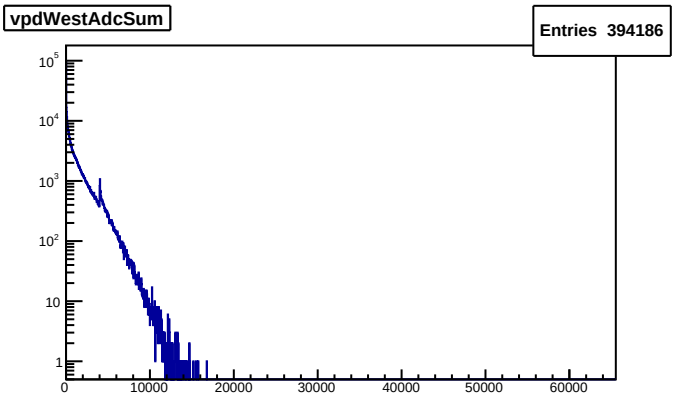
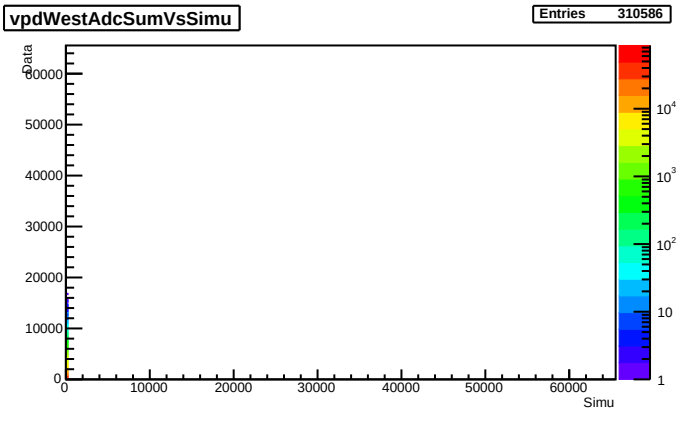
Entries 233379
Data
Simu


vpdWestAdcSum
Entries 394186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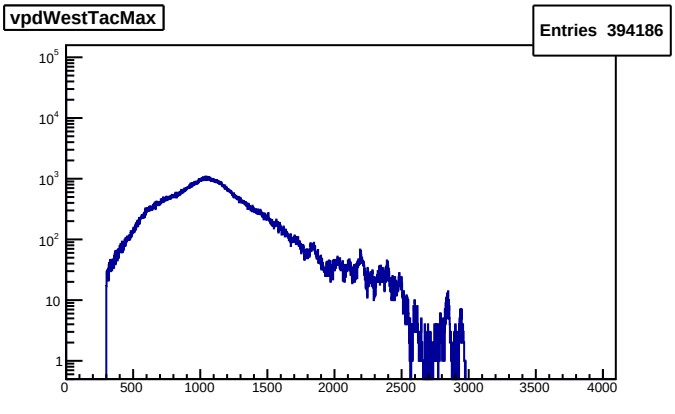
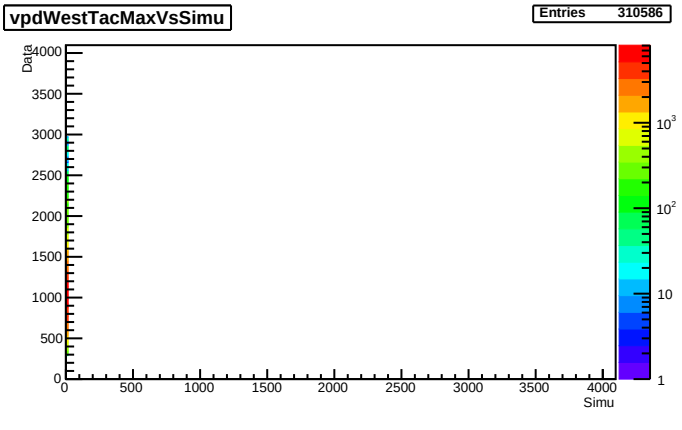
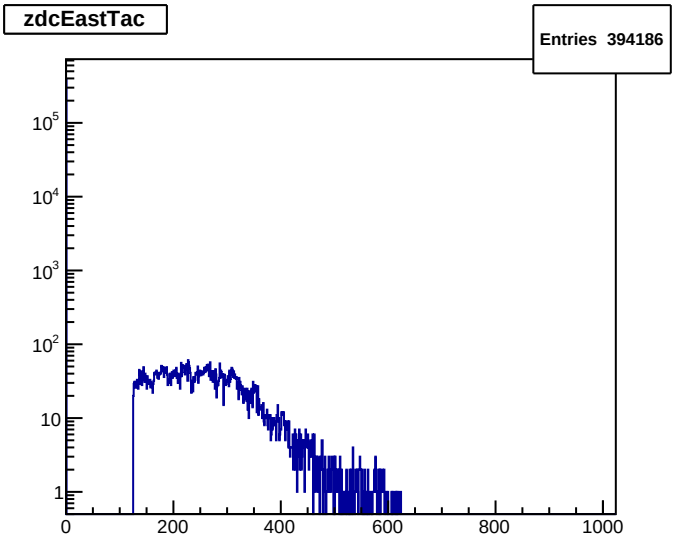
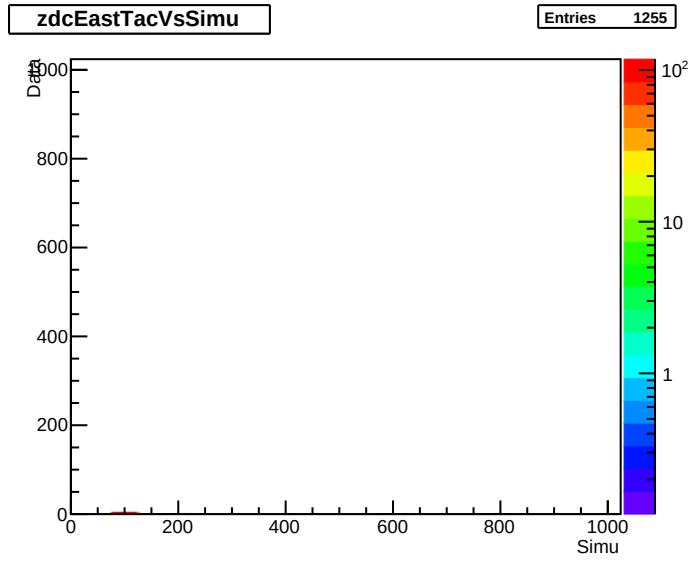
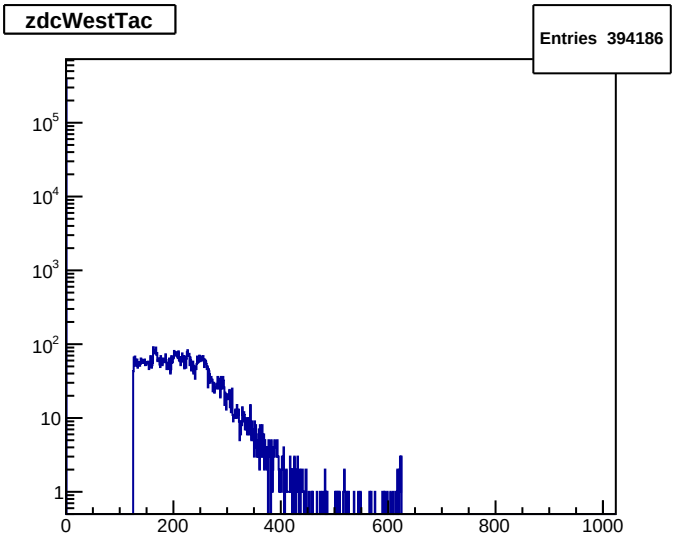
Entries 310586
Data
Simu

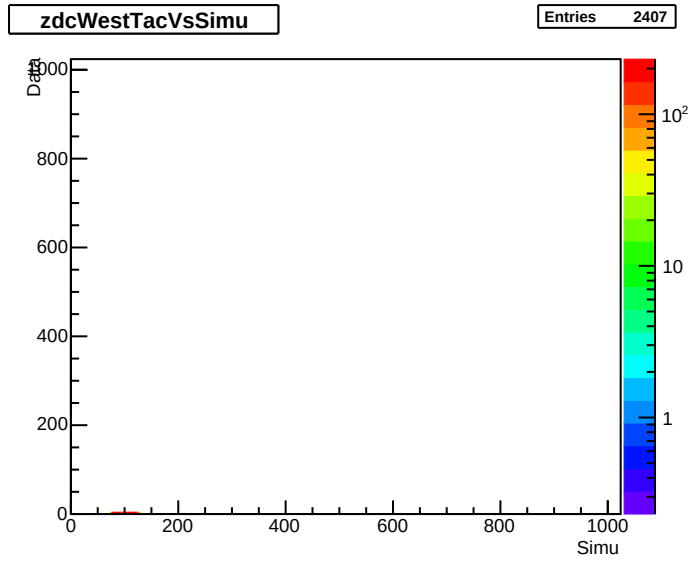

vpdWestTacMax
Entries 394186

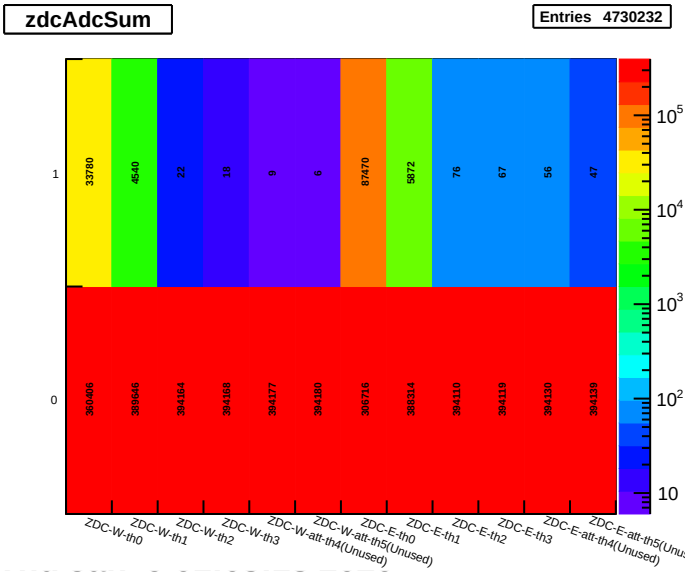

vpdWestTacMaxVsSimu
Entries 310586
Data
Simu

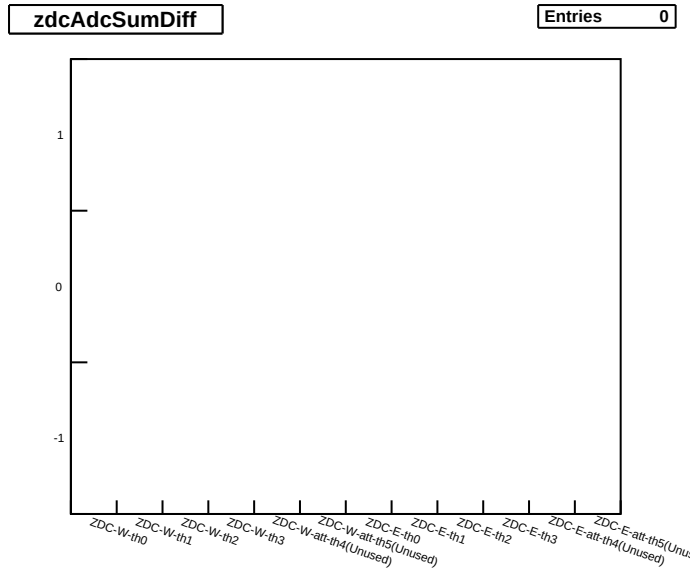

zdcEastTac
Entries 394186


zdcEastTacVsSimu
Entries 1255
Data
Simu


zdcWestTac
Entries 394186


zdcWestTacVsSimu
Entries 2407
Data
Simu


zdcAdcSum
Entries 4730232
33780
4540
22
18
9
6
87470
5872
76
67
56
47
360406
389646
394164
394168
394177
394180
306716
388314
394110
394119
394130
394139
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
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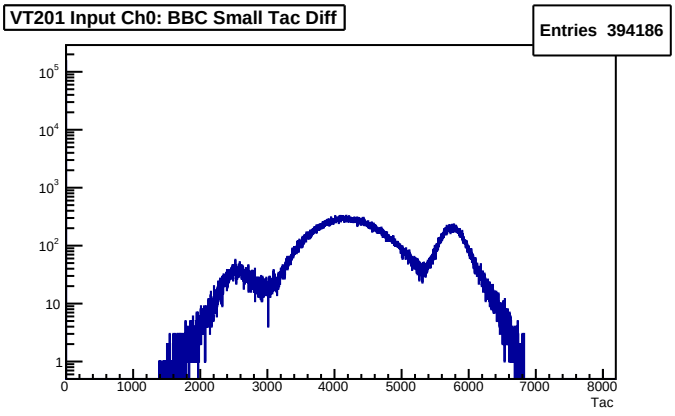
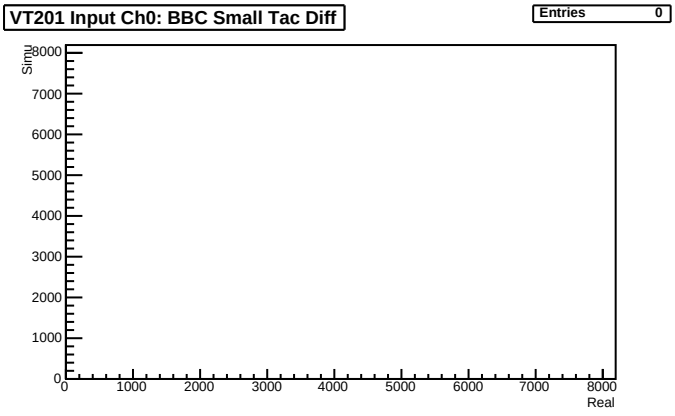
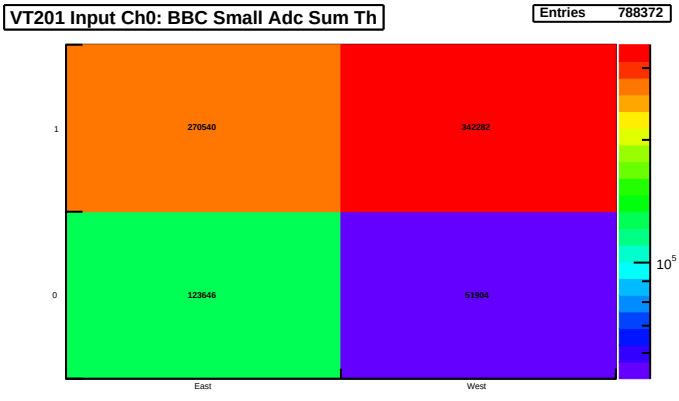
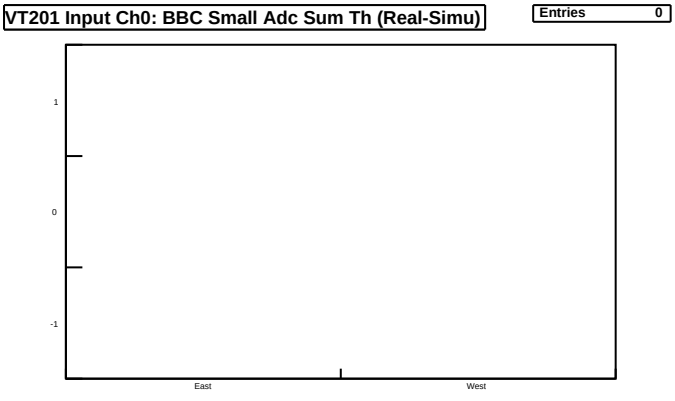
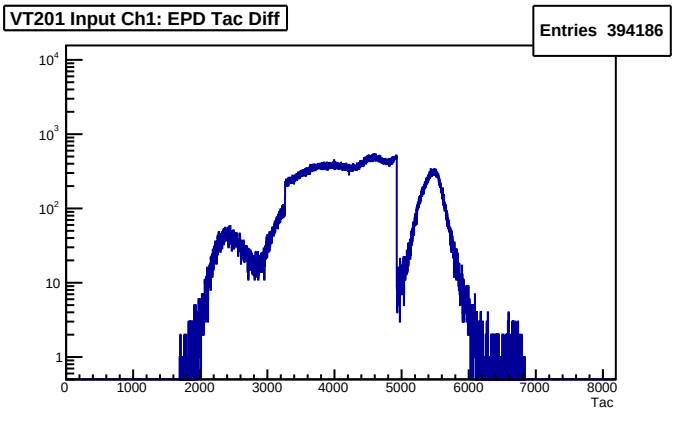
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

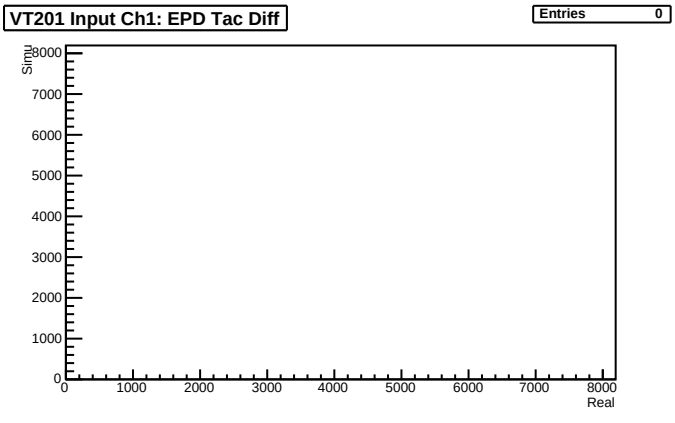

VT201 Input Ch0: BBC Small Tac Diff
Entries 394186
Tac

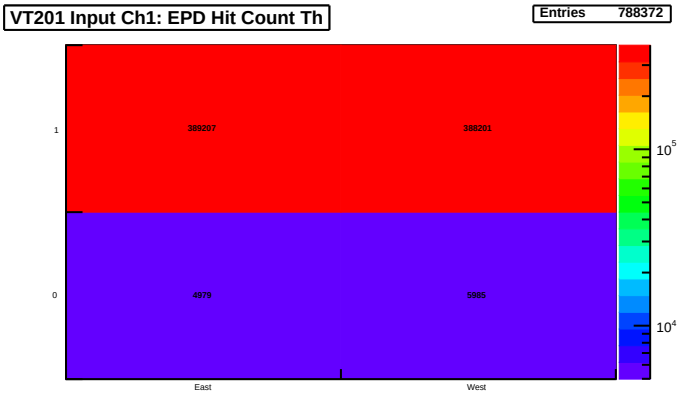

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

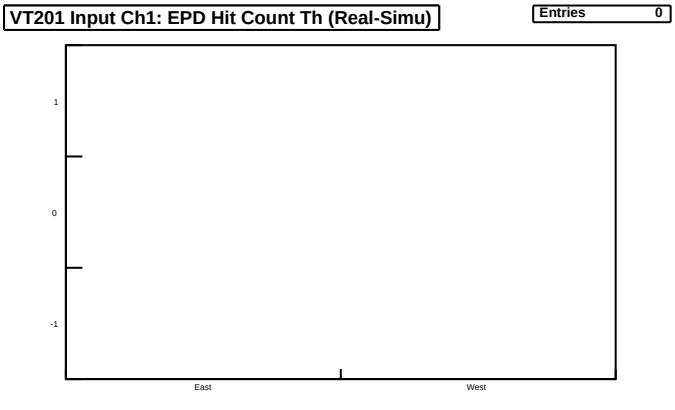

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 788372
270540
342282
123646
51904
East
West

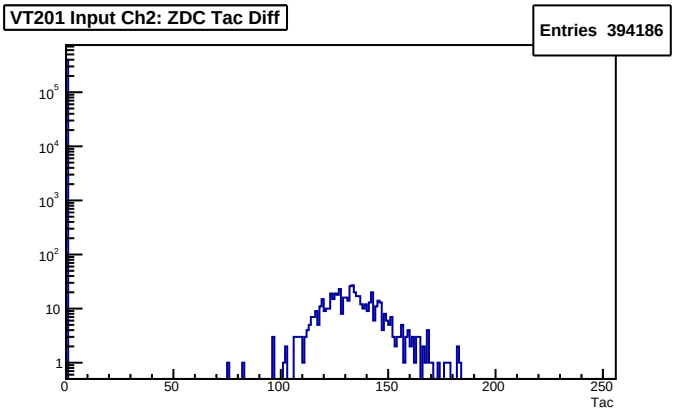

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

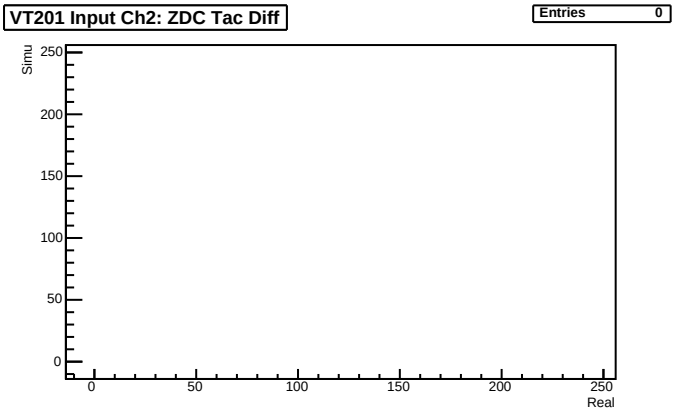

VT201 Input Ch1: EPD Tac Diff
Entries 394186
Tac

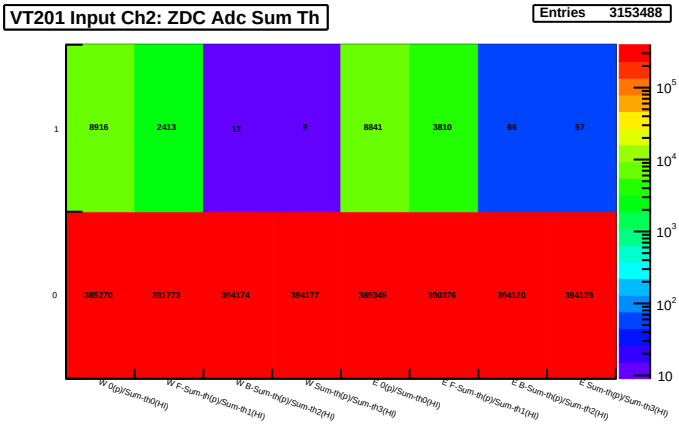

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

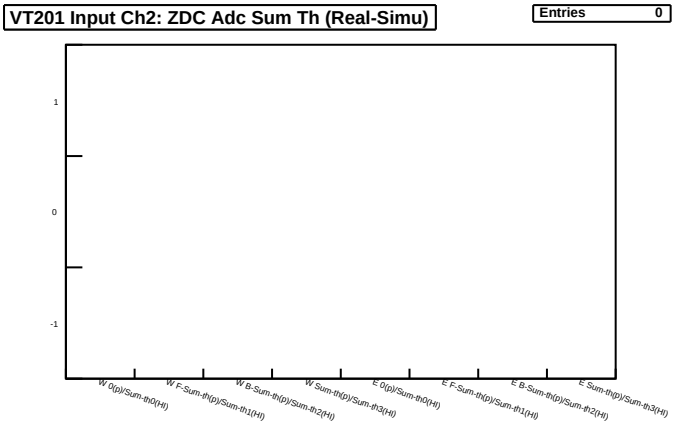

VT201 Input Ch1: EPD Hit Count Th
Entries 788372
389207
388201
4979
5985
East
West

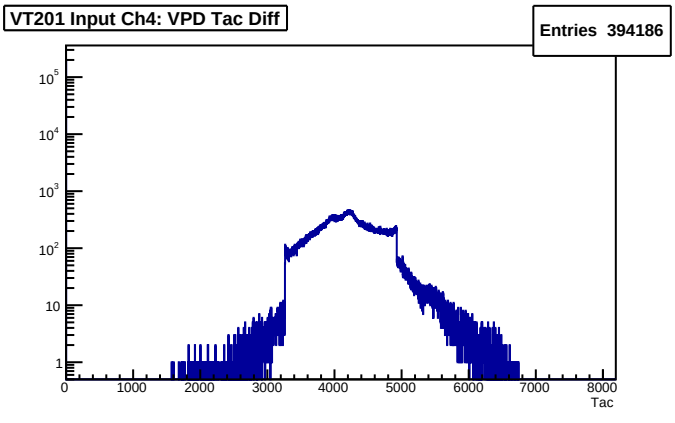

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

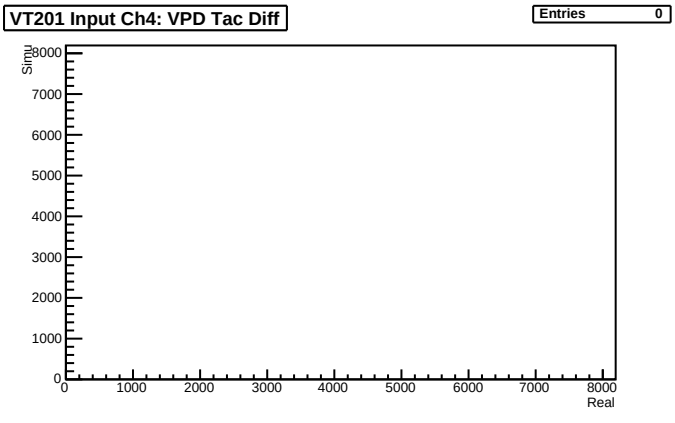

VT201 Input Ch2: ZDC Tac Diff
Entries 394186
Tac

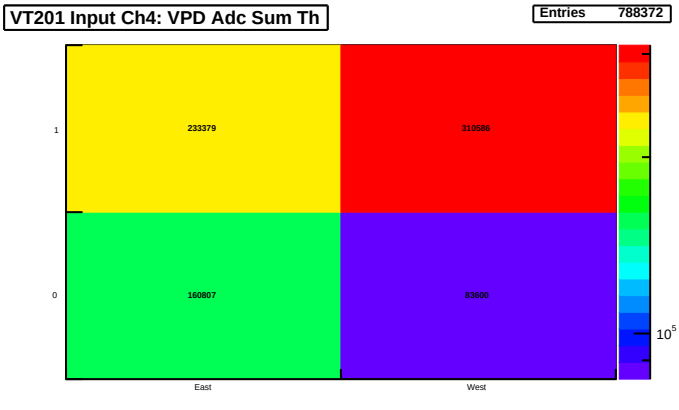

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

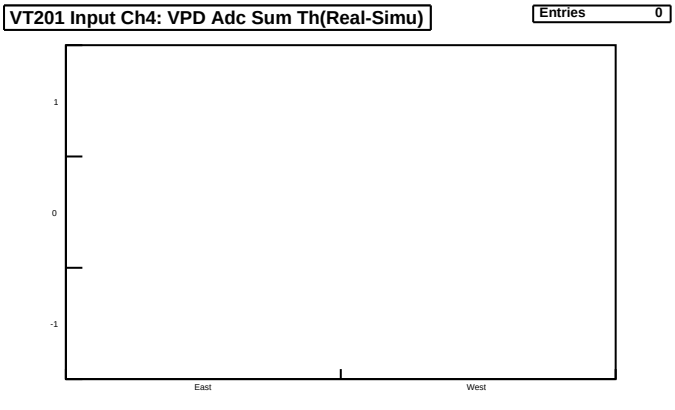

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3153488
8916
2413
12
9
8841
3810
66
57
385270
391773
394174
394177
385345
390376
394120
394129
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

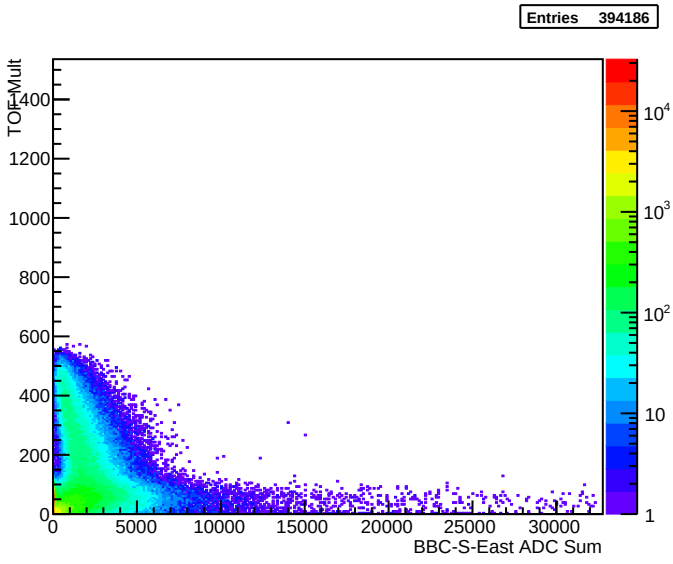

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

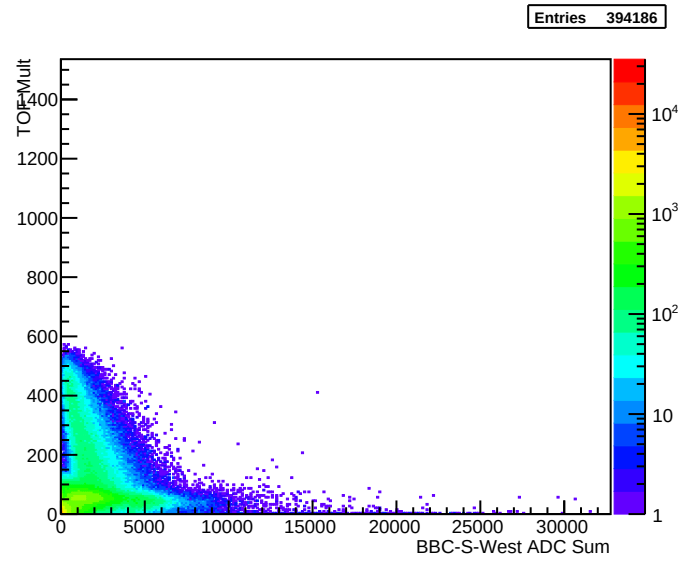

VT201 Input Ch4: VPD Tac Diff
Entries 394186
Tac

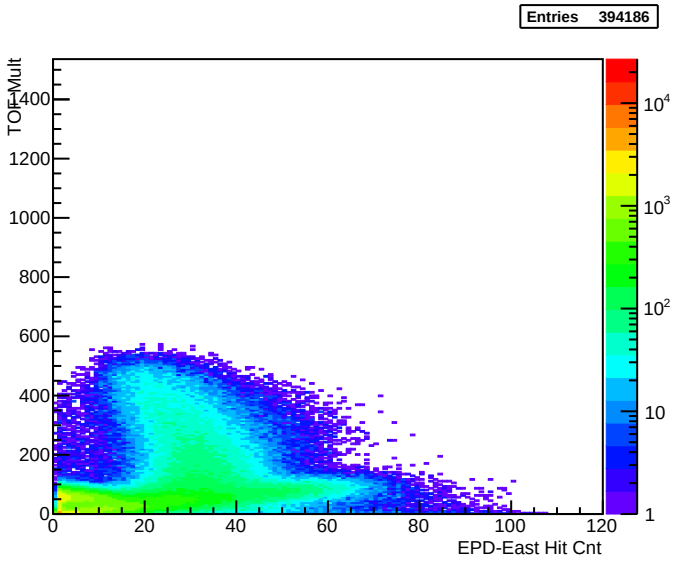

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

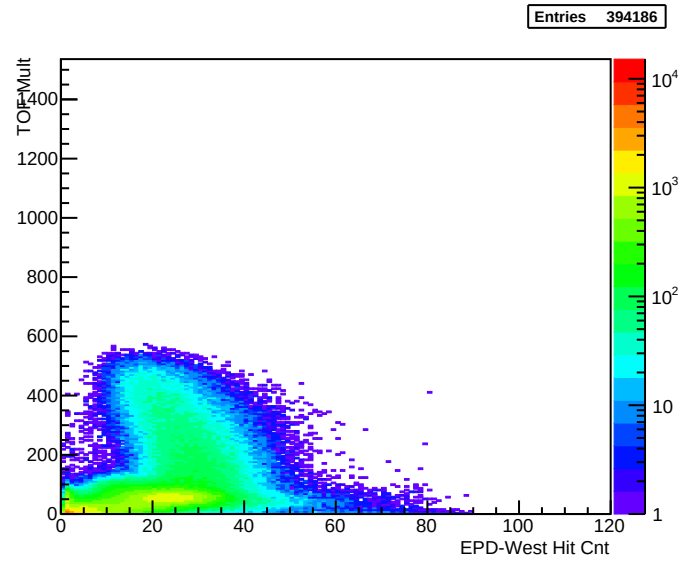

VT201 Input Ch4: VPD Adc Sum Th
Entries 788372
233379
310586
160807
83600
East
West

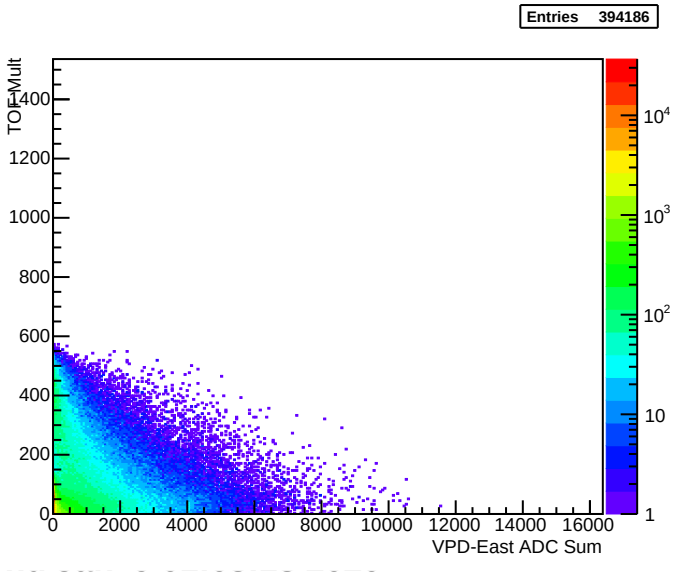

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

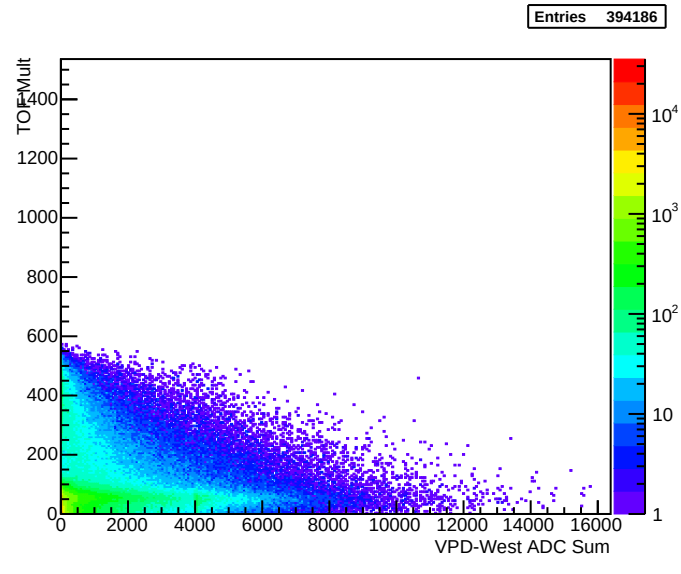

Entries 394186
TOF-Mult
BBC-S-East ADC Sum

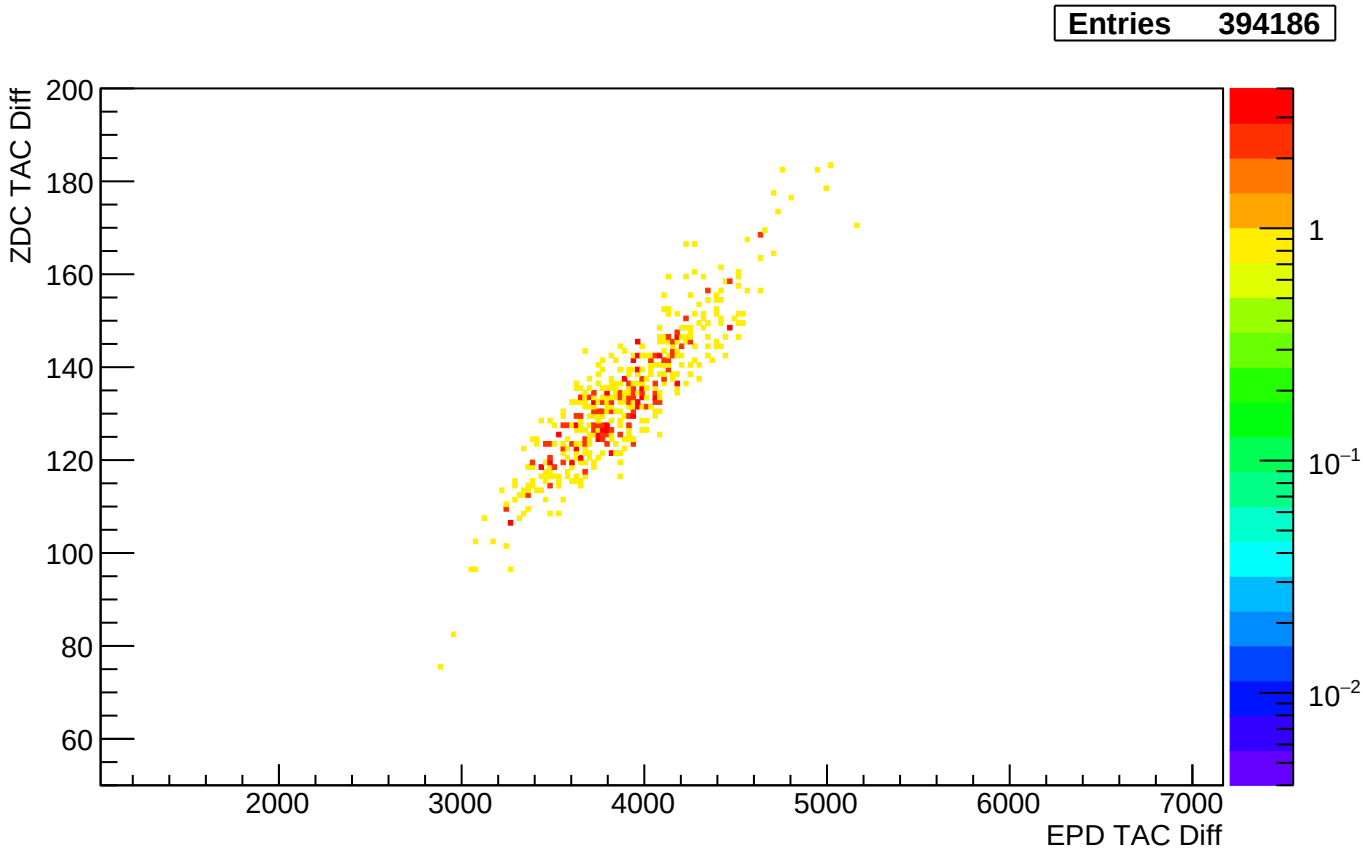

Entries 394186
TOF-Mult
BBC-S-West ADC Sum

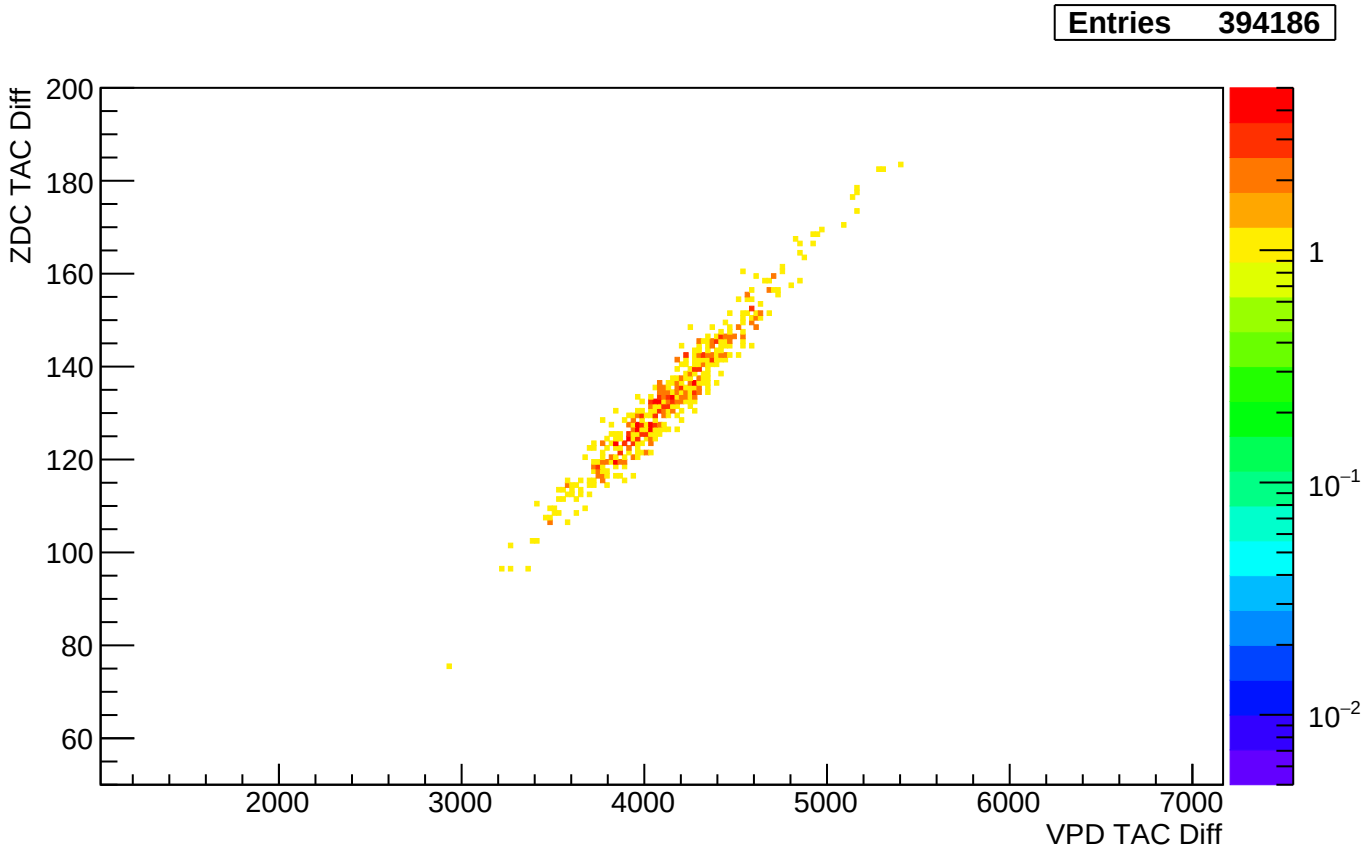

Entries 394186
TOF-Mult
EPD-East Hit Cnt

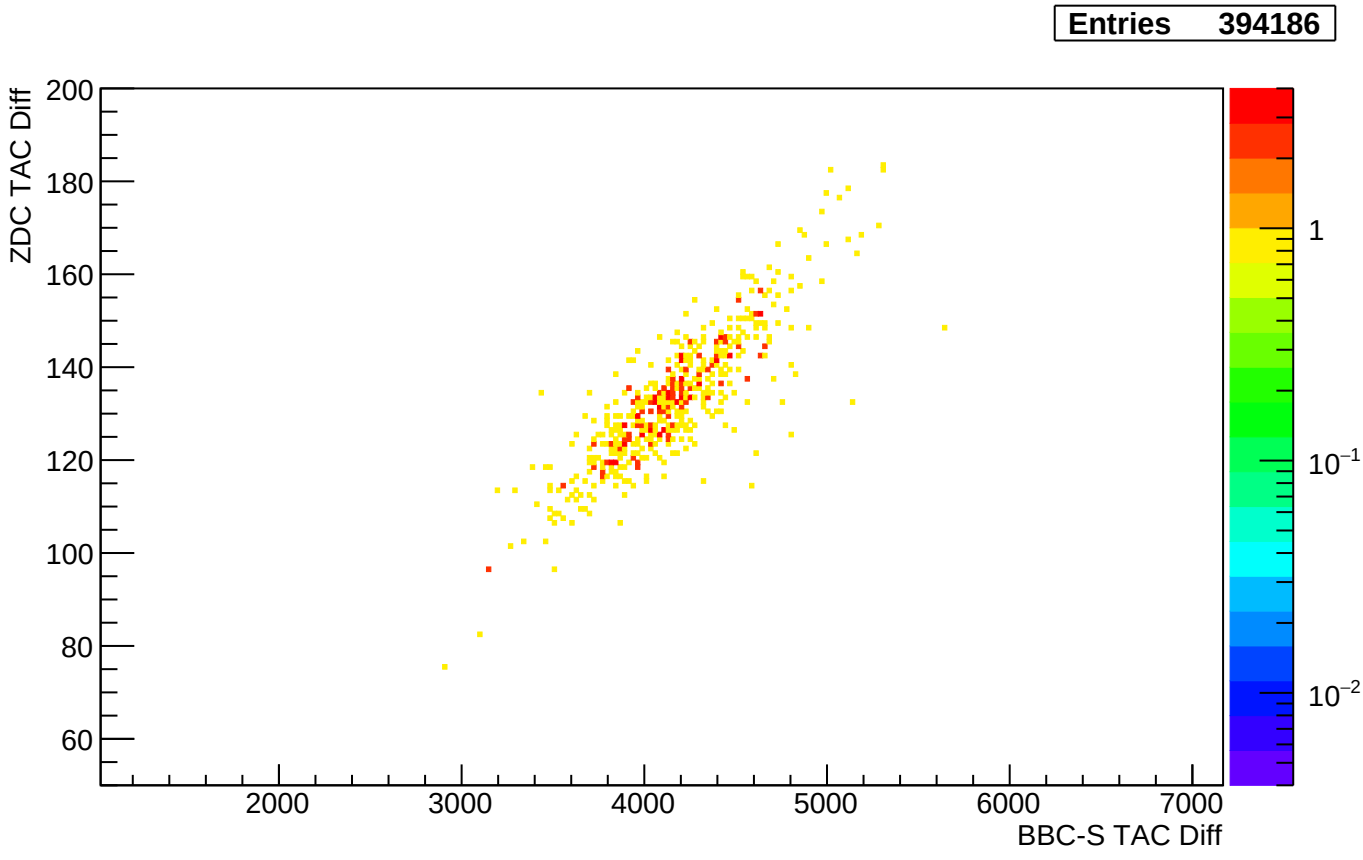

Entries 394186
TOF-Mult
EPD-West Hit Cnt

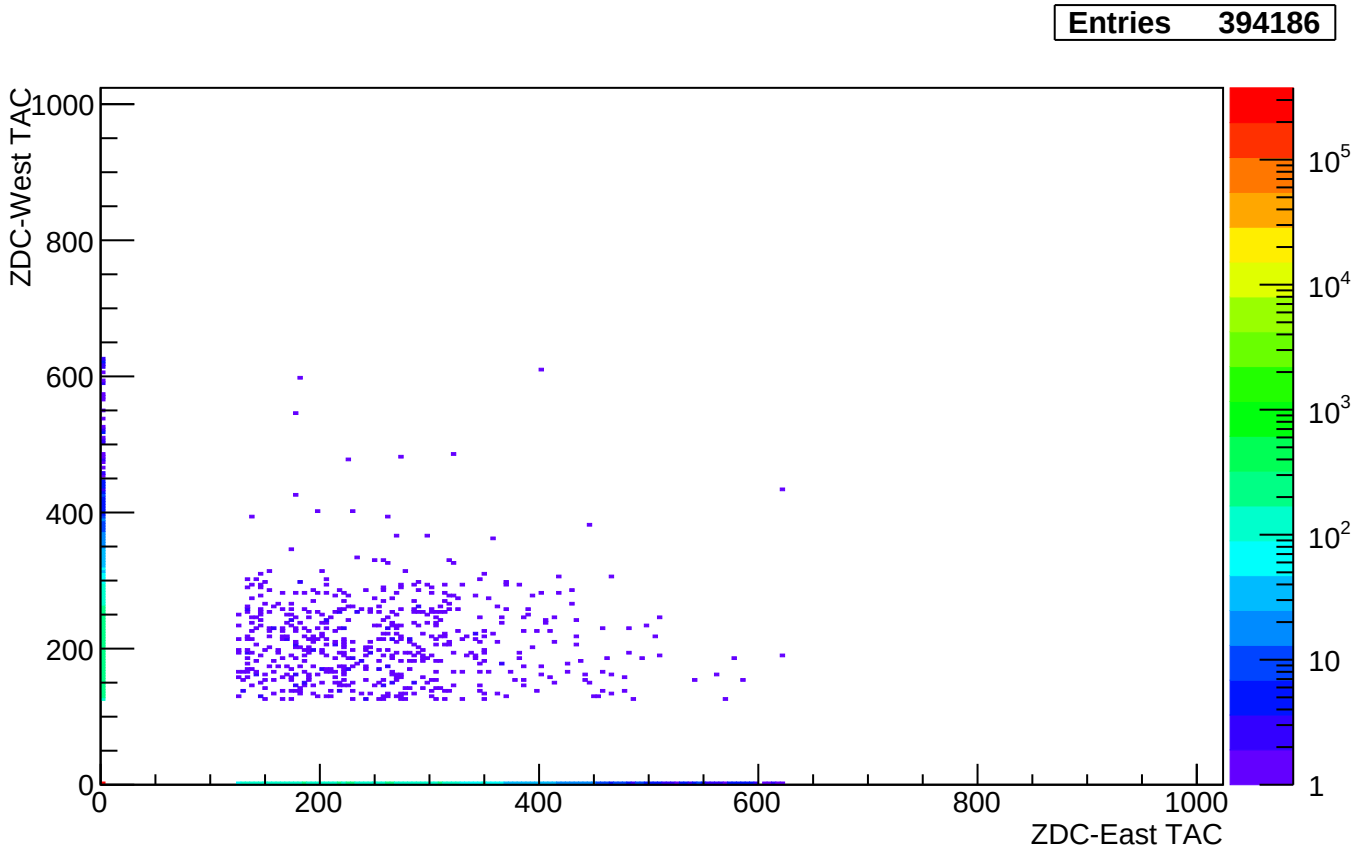

Entries 394186
TOF-Mult
VPD-East ADC Sum

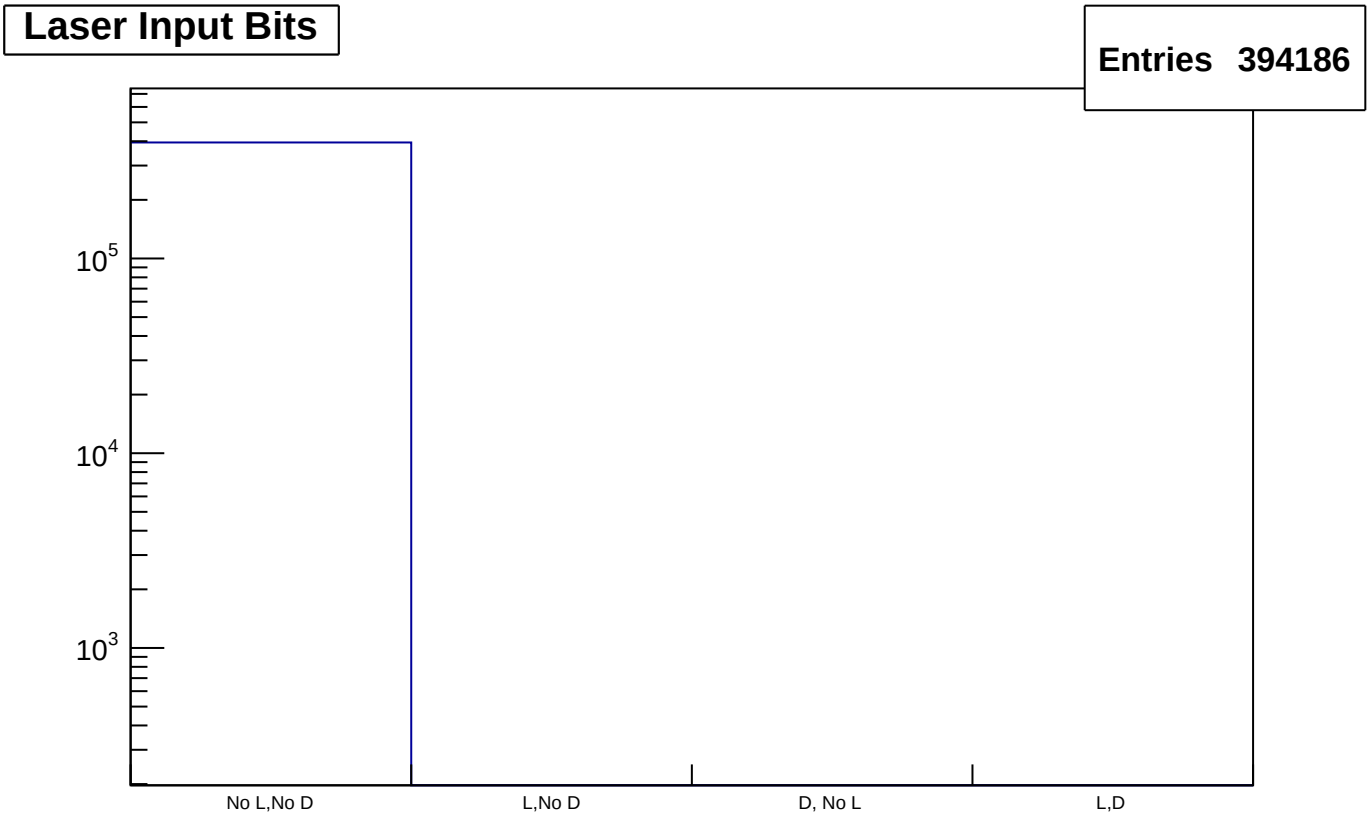

Entries 394186
TOF-Mult
VPD-West ADC Sum

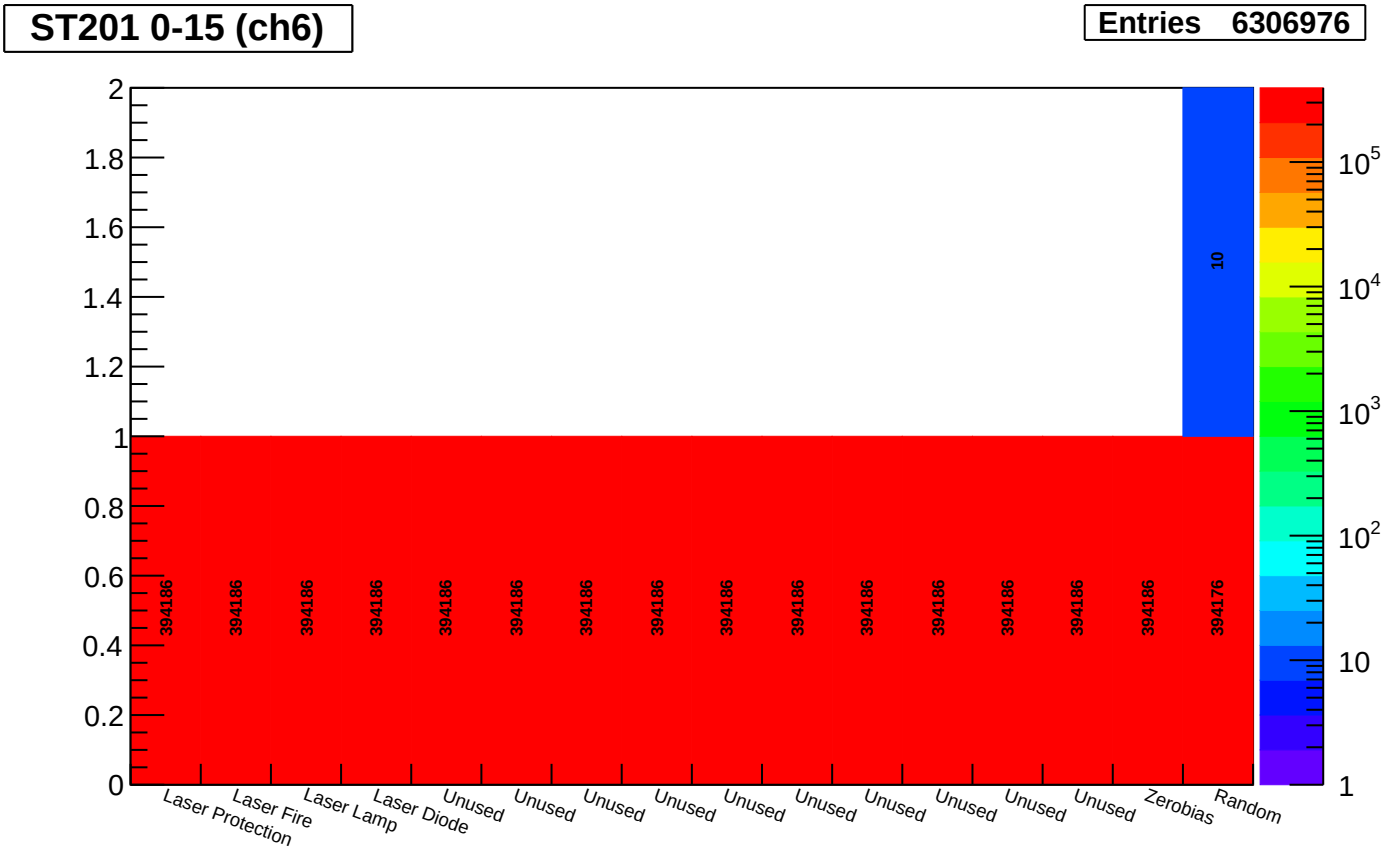

Entries 394186
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

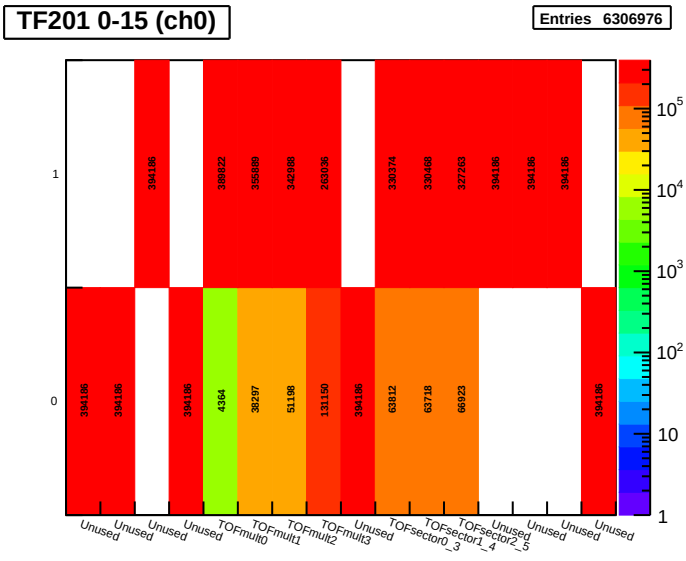

Entries 394186
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

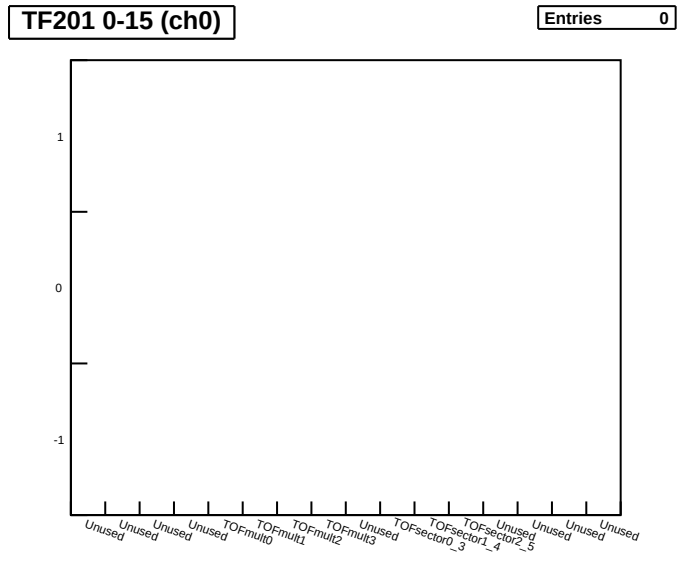

Entries 394186
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

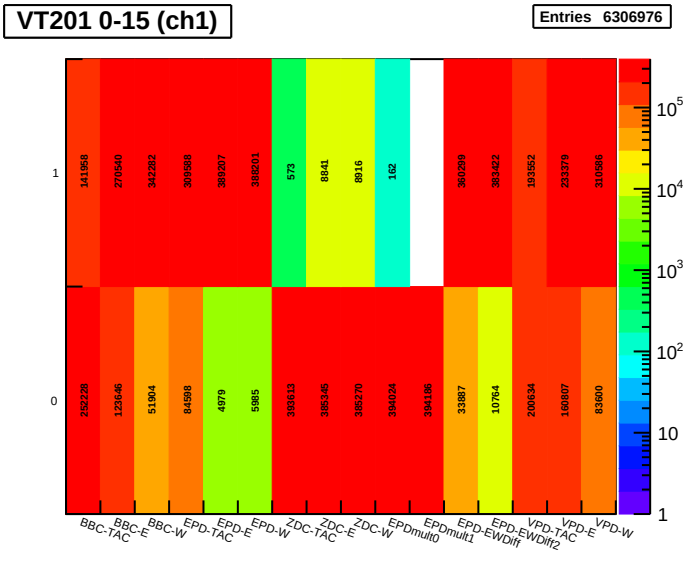

Entries 394186
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

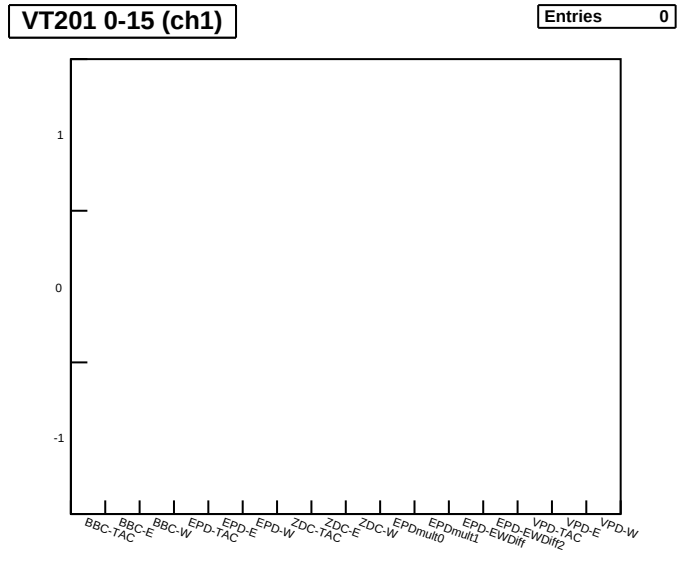

Laser Input Bits
Entries 394186
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

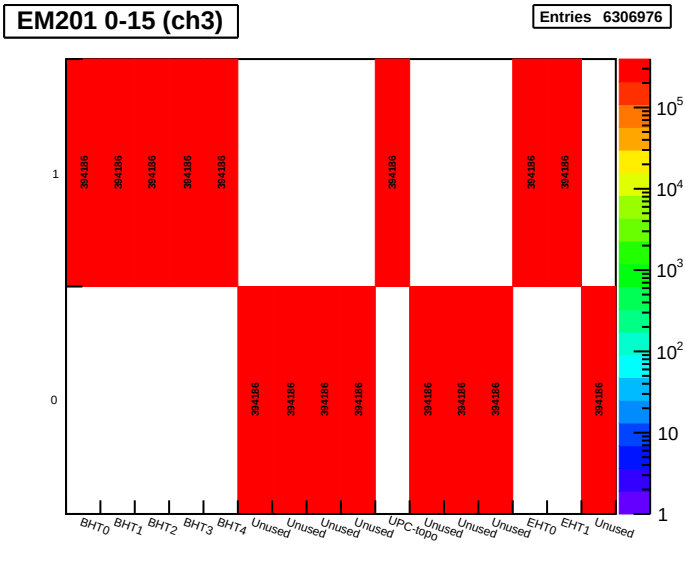

ST201 0-15 (ch6)
Entries 6306976
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
394186
394176
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

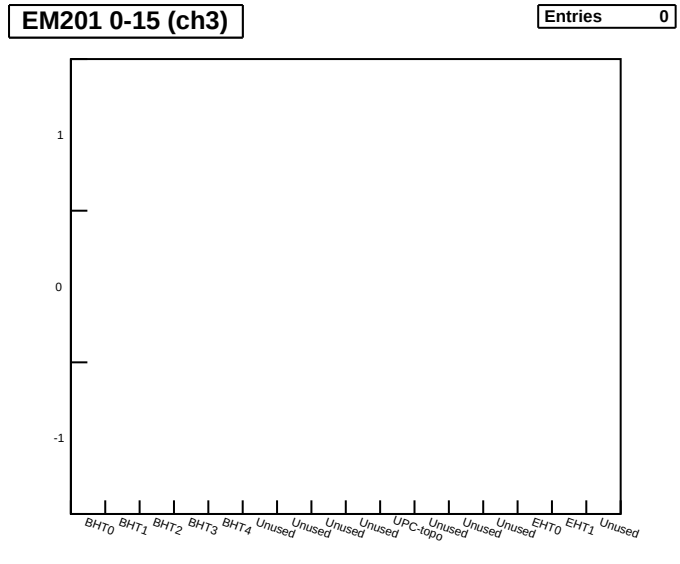

TF201 0-15 (ch0)
Entries 6306976
1
0
394186 394186 394186 394186 394186 394186 394186 394186 394186 394186 394186 394186 394186 394186 394186 394186
4364 36297 51198 131150 63812 63718 66923
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6306976
1
0
141958 270540 342282 369588 369207 388201 573 8841 8916 162 360299 383422 193552 233379 310586
232228 123646 51904 84598 4979 5985 393613 388345 385270 394024 394186 33887 10764 200634 160807 83600
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 6306976
1
0
394186 394186 394186 394186 394186 394186 394186 394186 394186
394186 394186 394186 394186 394186 394186 394186 394186
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