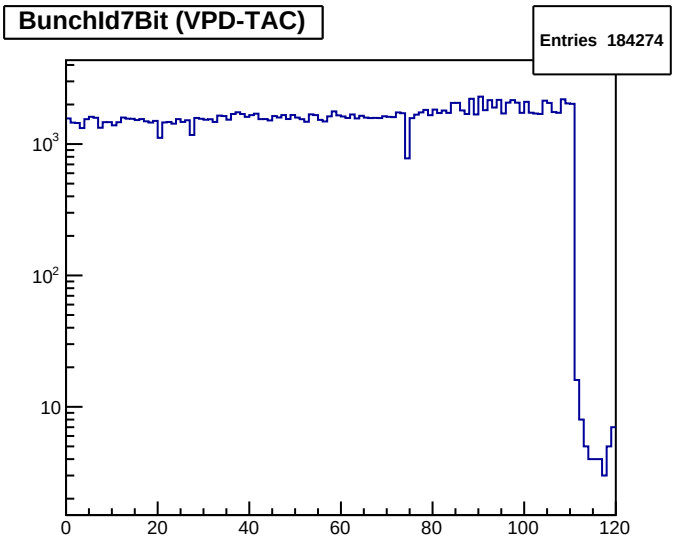
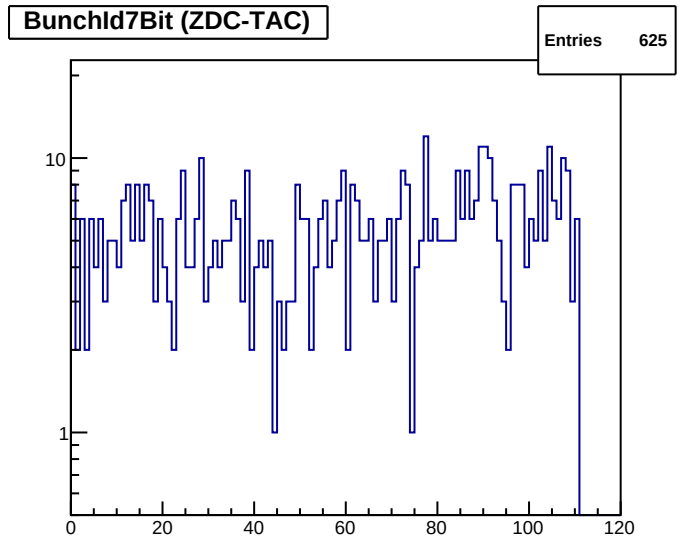
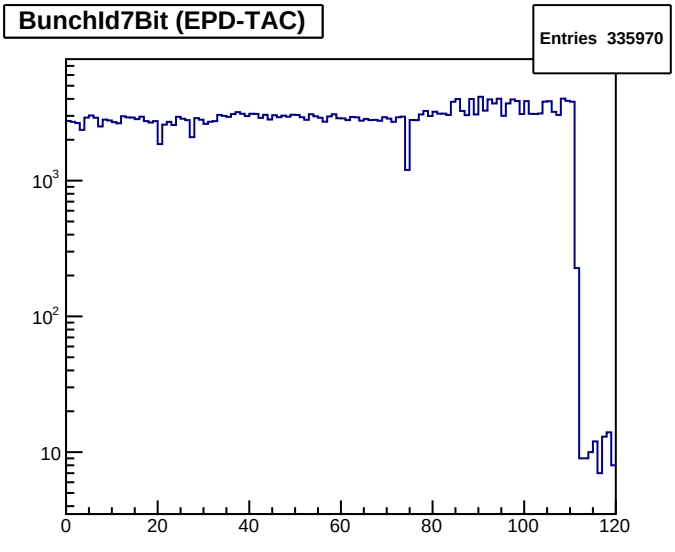
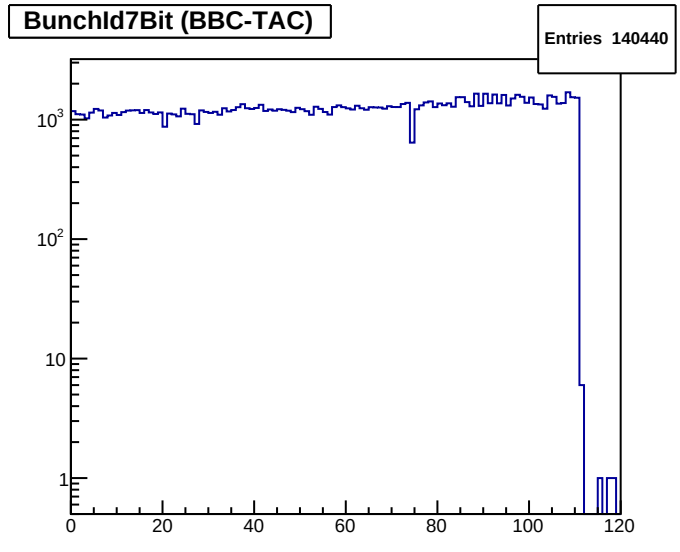
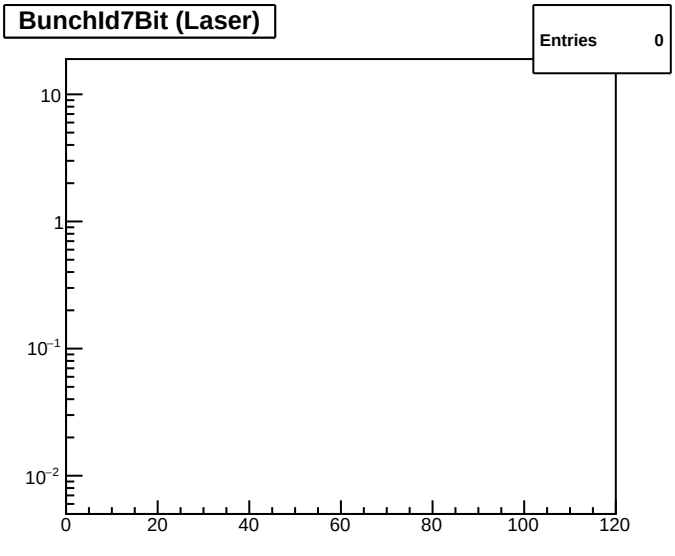
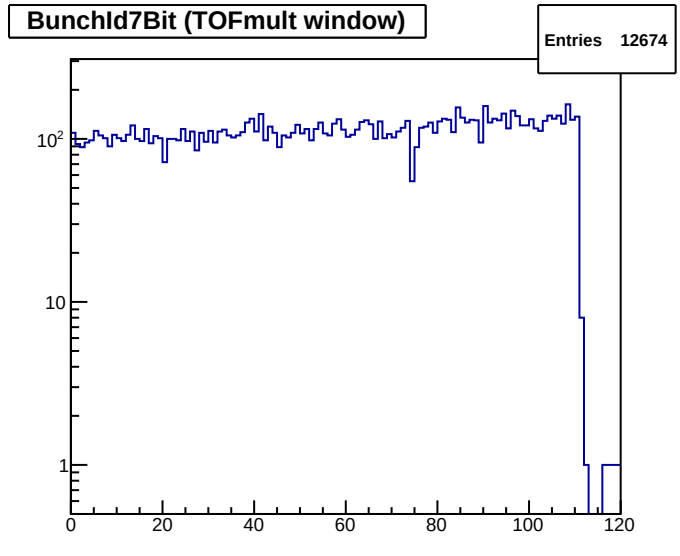

BunchId7Bit (VPD-TAC)
Entries 184274

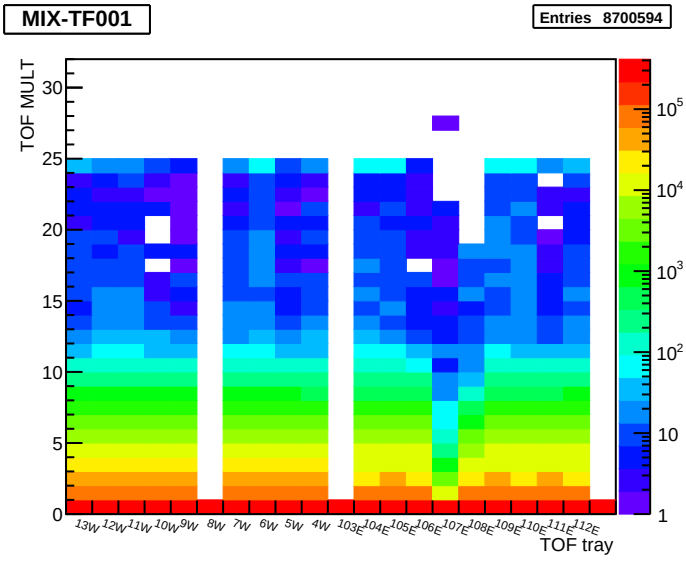

BunchId7Bit (ZDC-TAC)
Entries 625

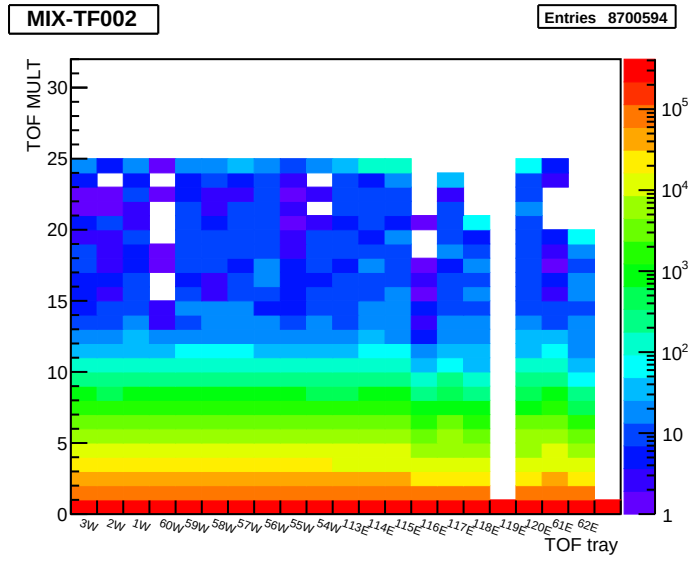

BunchId7Bit (EPD-TAC)
Entries 335970

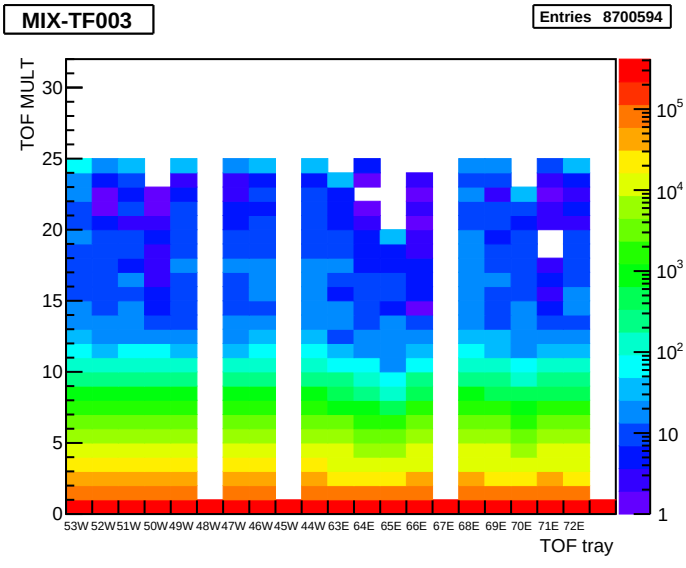

BunchId7Bit (BBC-TAC)
Entries 140440

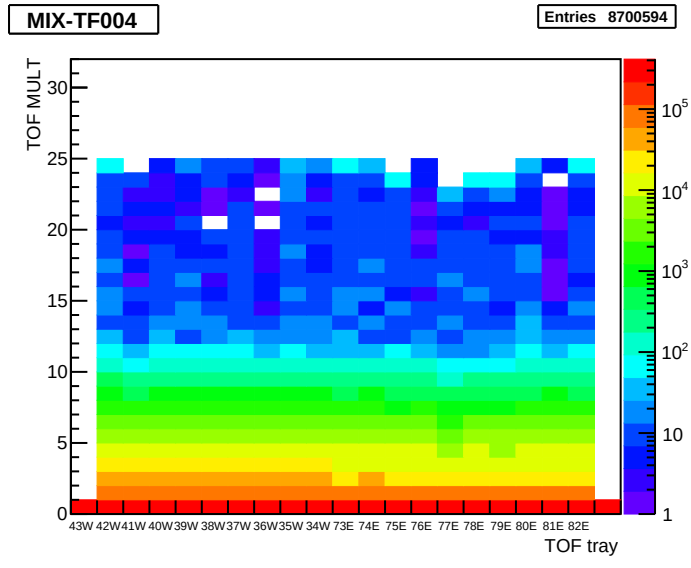

BunchId7Bit (Laser)
Entries 0

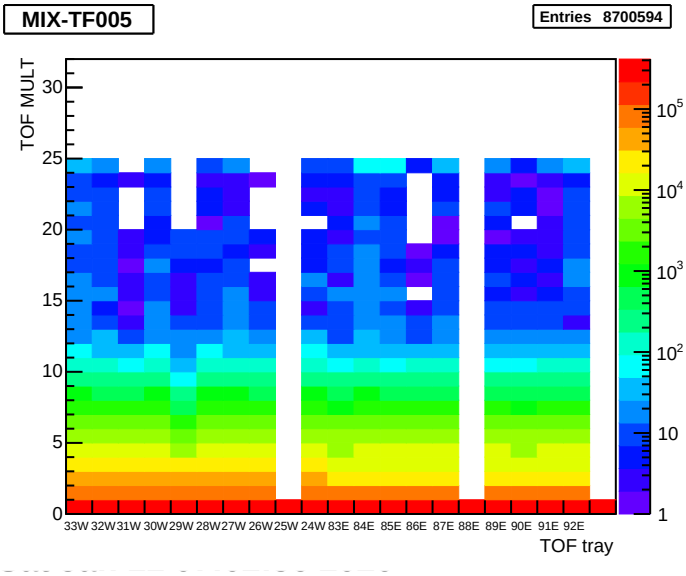

BunchId7Bit (TOFmult window)
Entries 12674

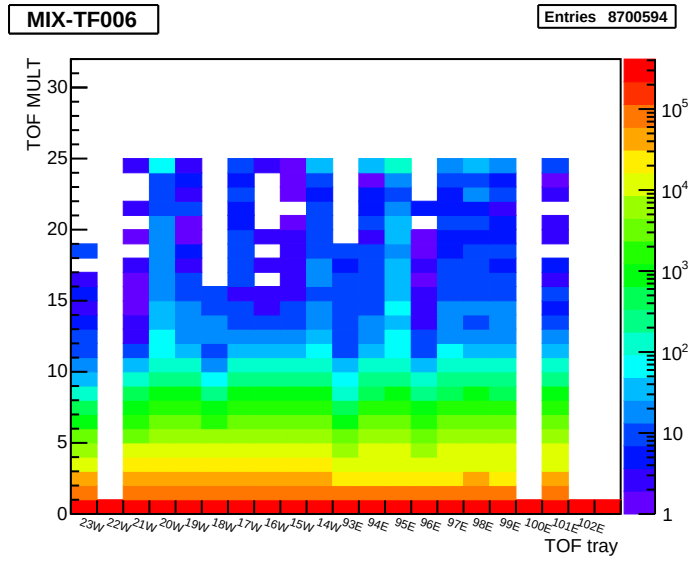

MIX-TF001
Entries 8700594
TOF MULT
TOF tray

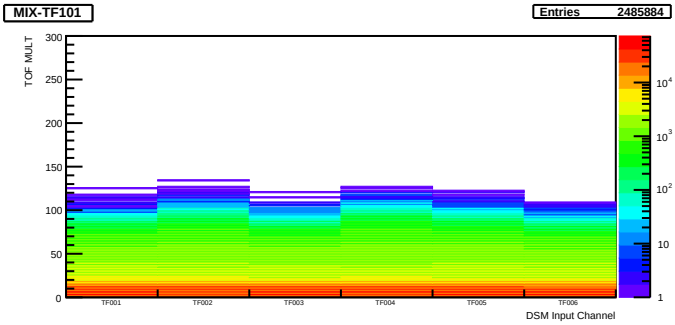

MIX-TF002
Entries 8700594
TOF MULT
TOF tray

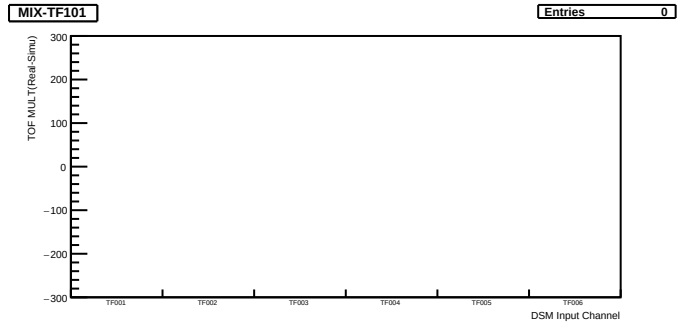

MIX-TF003
Entries 8700594
TOF MULT
TOF tray

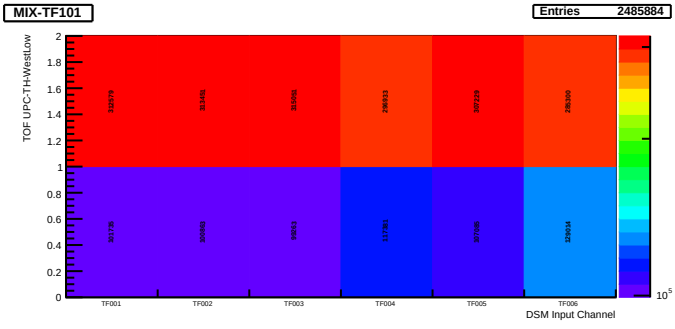

MIX-TF004
Entries 8700594
TOF MULT
TOF tray

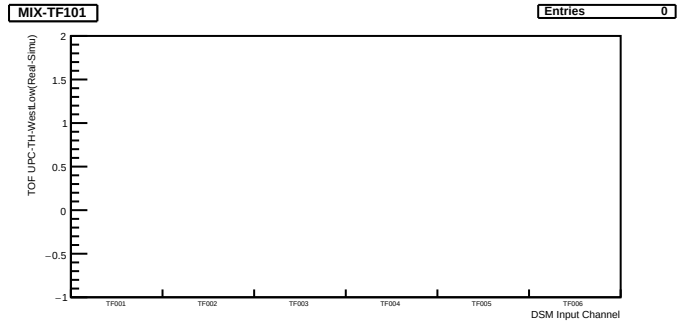

MIX-TF005
Entries 8700594
TOF MULT
TOF tray

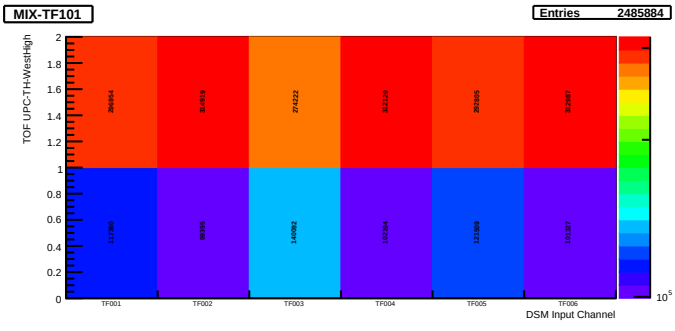

MIX-TF006
Entries 8700594
TOF MULT
TOF tray

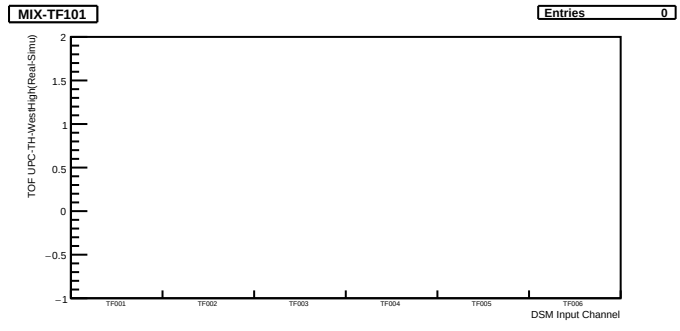

MIX-TF101
Entries 2485884
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

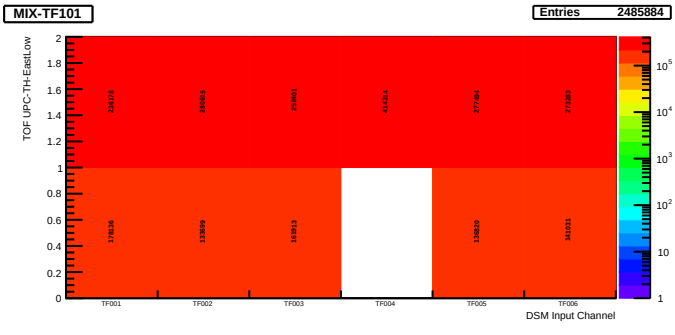

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

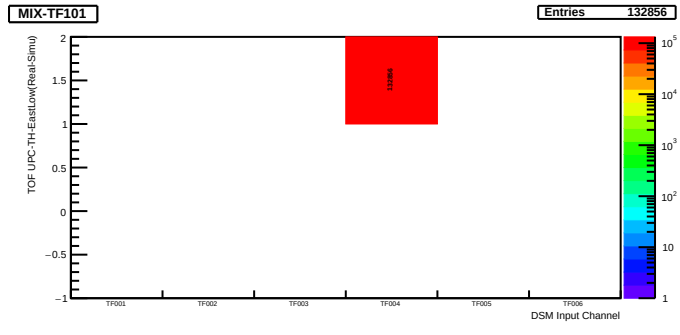

MIX-TF101
Entries 2485884
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

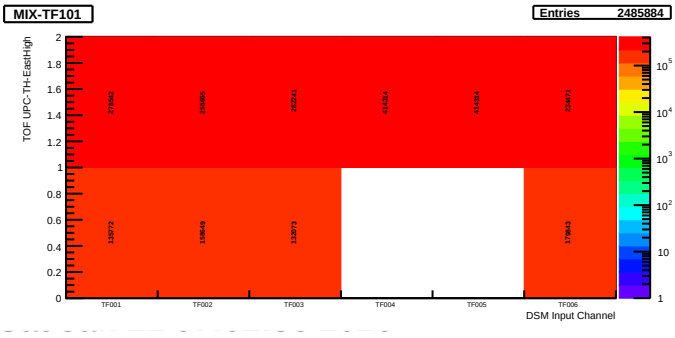

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

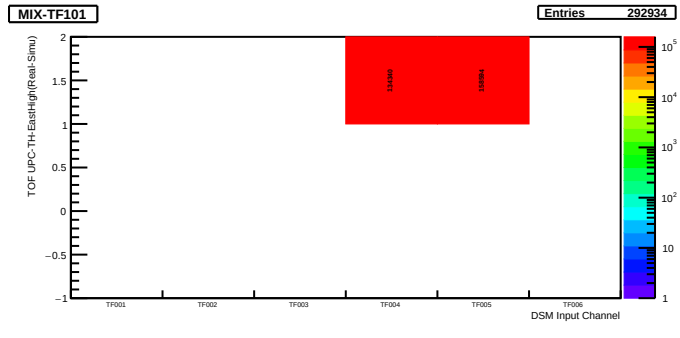

MIX-TF101
Entries 2485884
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

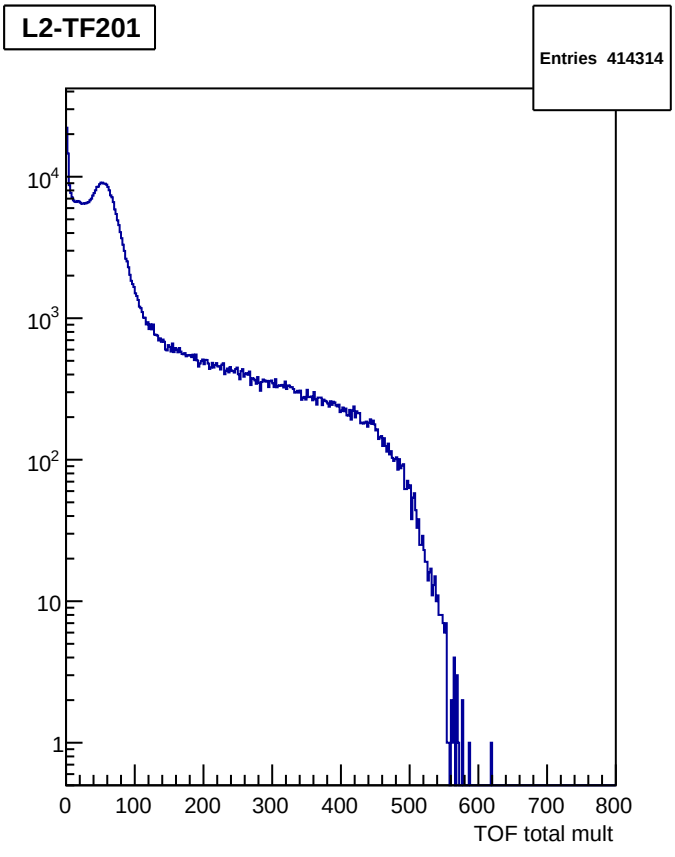

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

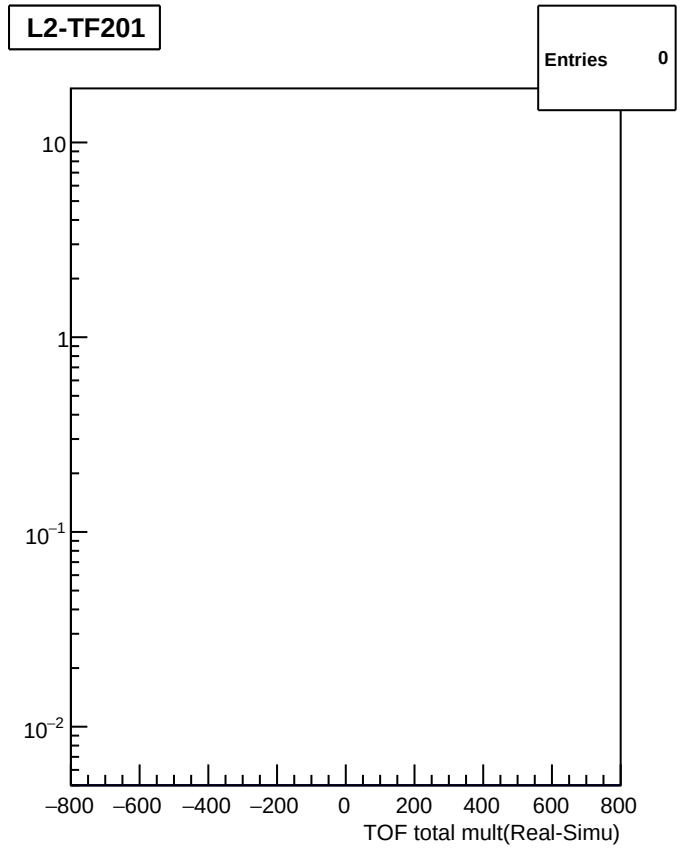

MIX-TF101
Entries 2485884
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

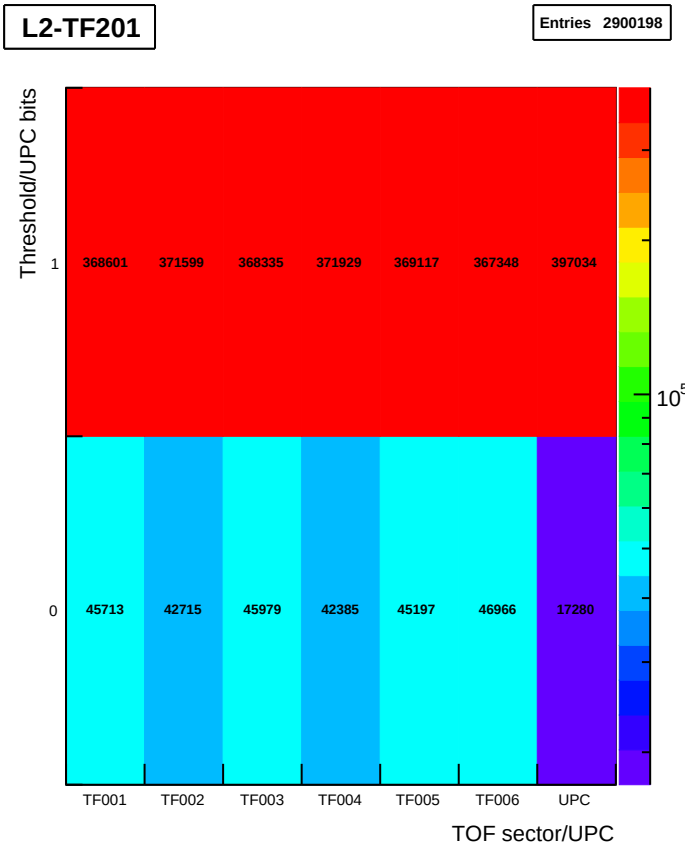

MIX-TF101
Entries 132856
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

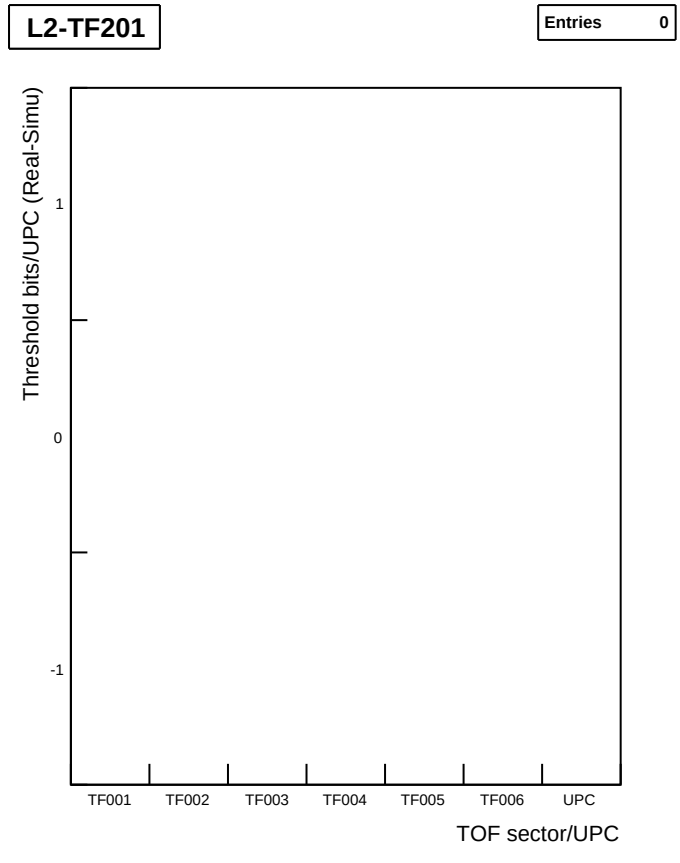

MIX-TF101
Entries 2485884
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

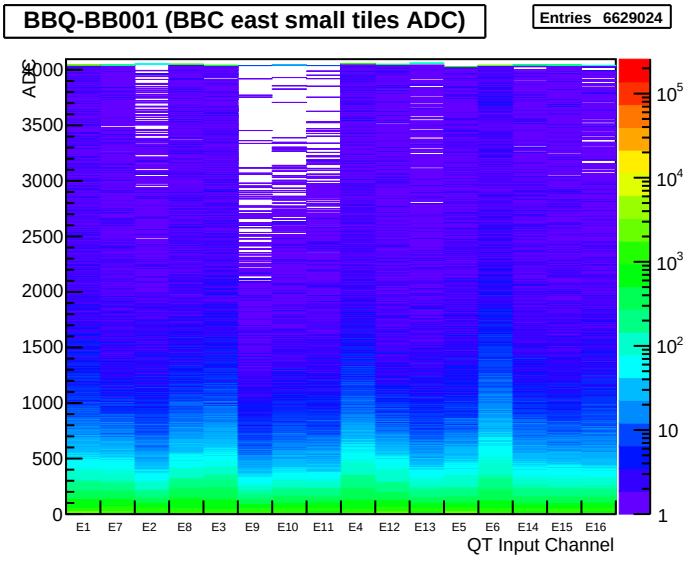

MIX-TF101
Entries 292934
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

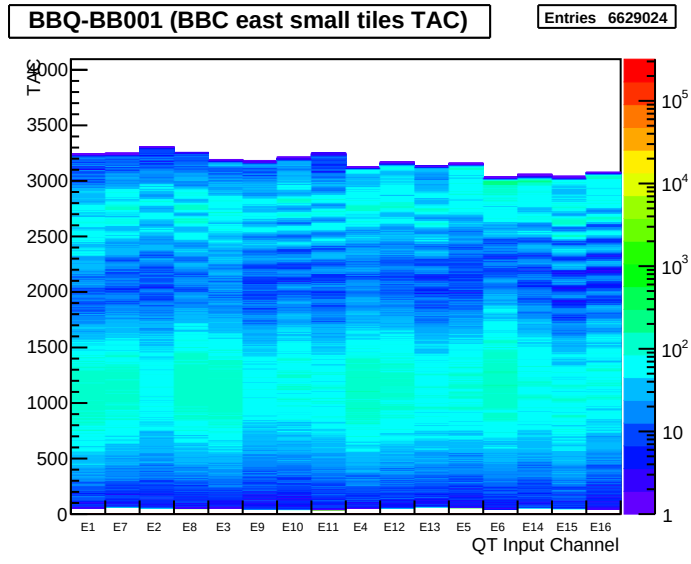

L2-TF201
Entries 414314
TOF total mult

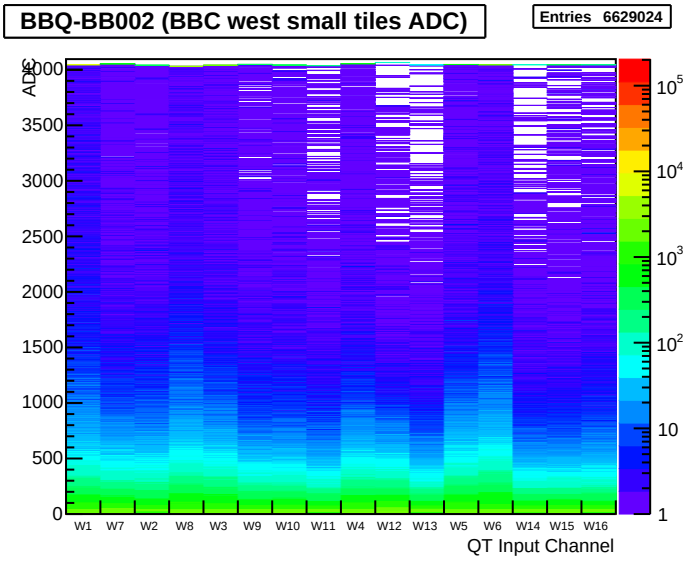

L2-TF201
Entries 0
TOF total mult(Real-Simu)

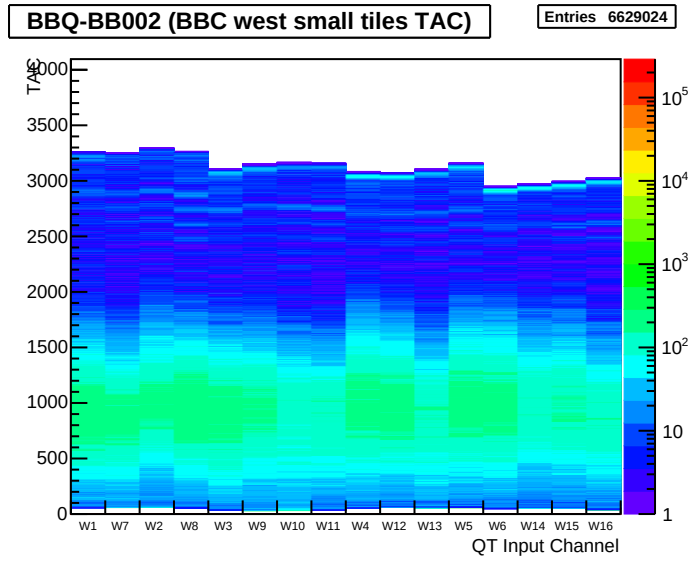

L2-TF201
Entries 2900198
Threshold/UPC bits
368601
371599
368335
371929
369117
367348
397034
45713
42715
45979
42385
45197
46966
17280
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

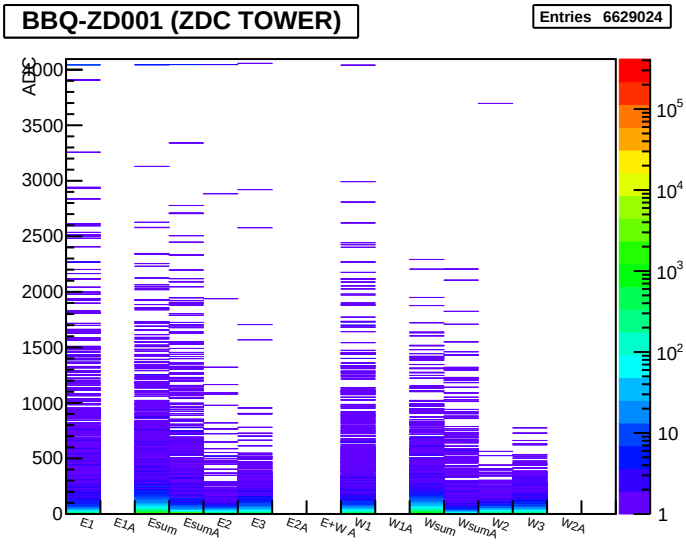

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

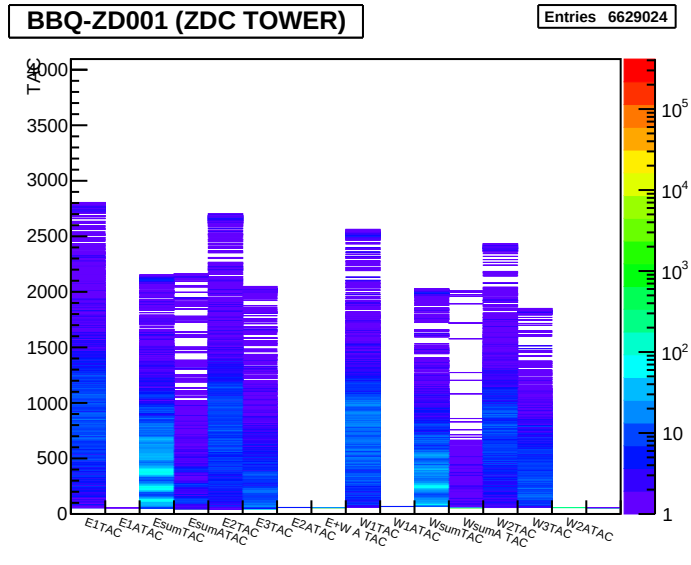

BBQ-BB001 (BBC east small tiles ADC)
Entries 6629024
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

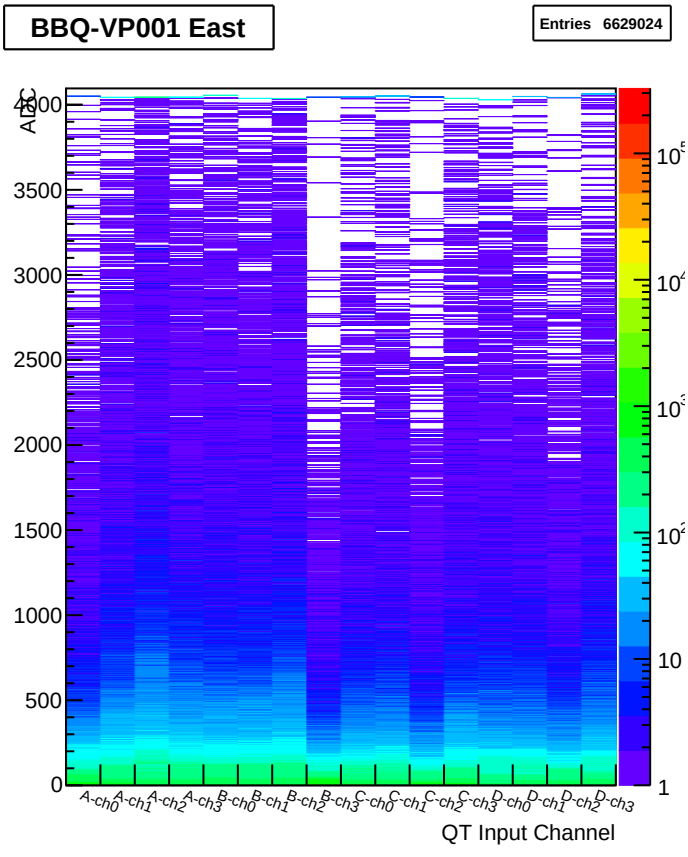

BBQ-BB001 (BBC east small tiles TAC)
Entries 6629024
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

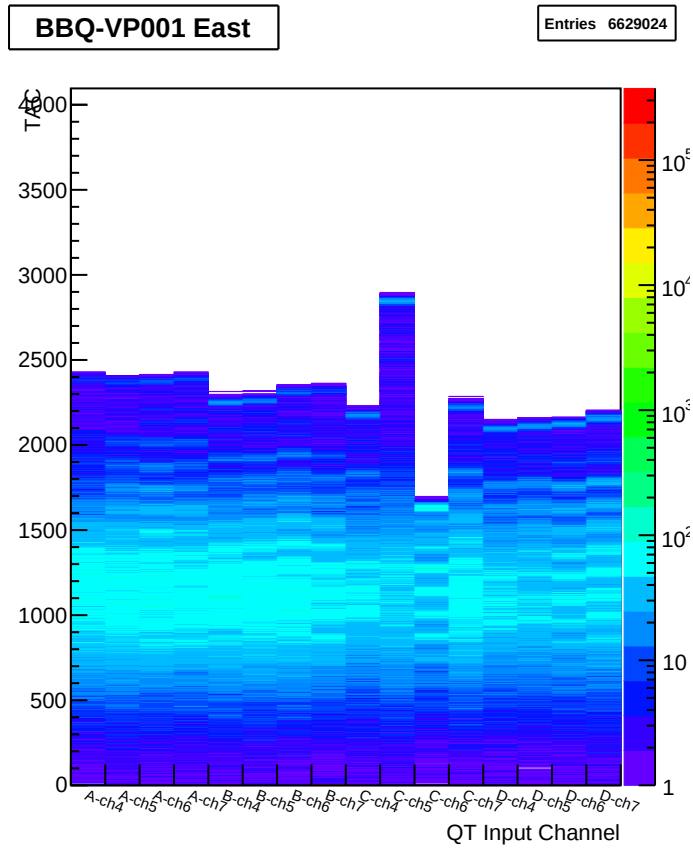

BBQ-BB002 (BBC west small tiles ADC)
Entries 6629024
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

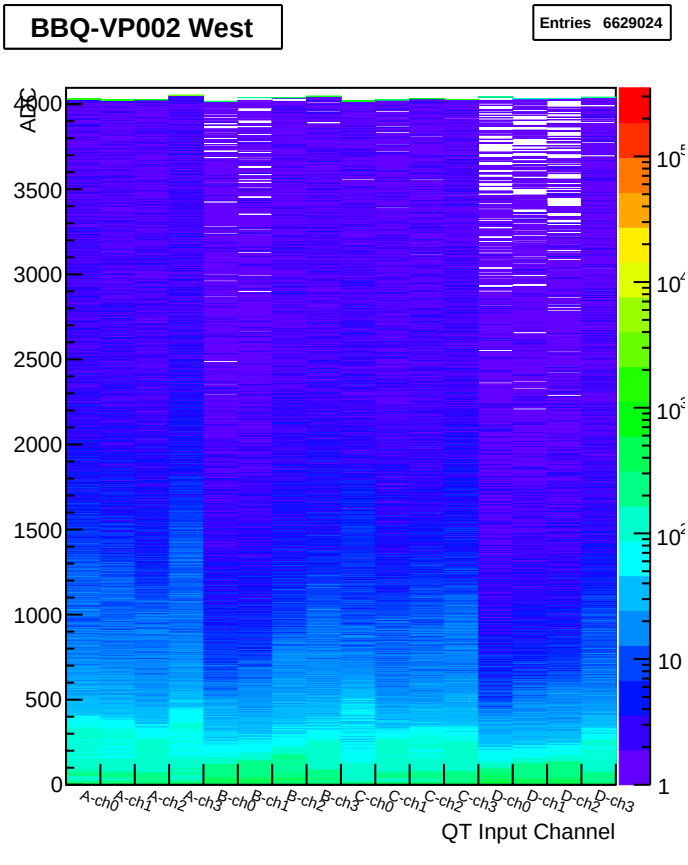

BBQ-BB002 (BBC west small tiles TAC)
Entries 6629024
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

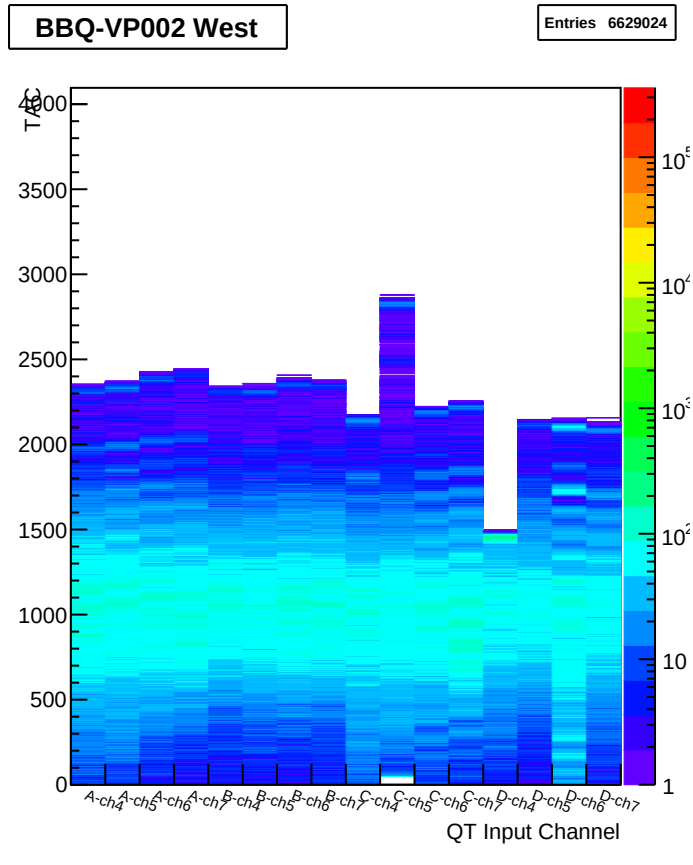

BBQ-ZD001 (ZDC TOWER)
Entries 6629024
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

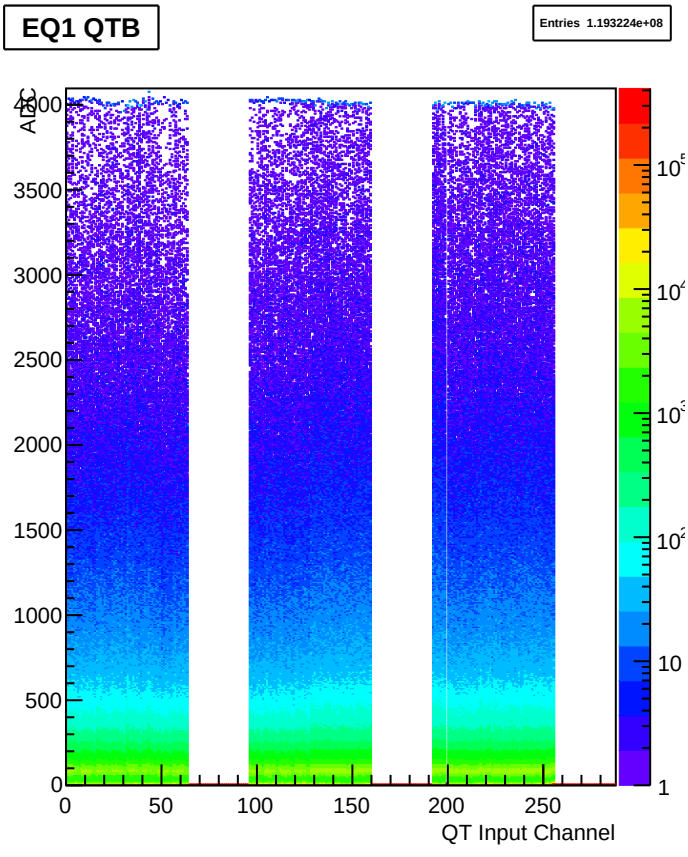

BBQ-ZD001 (ZDC TOWER)
Entries 6629024
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

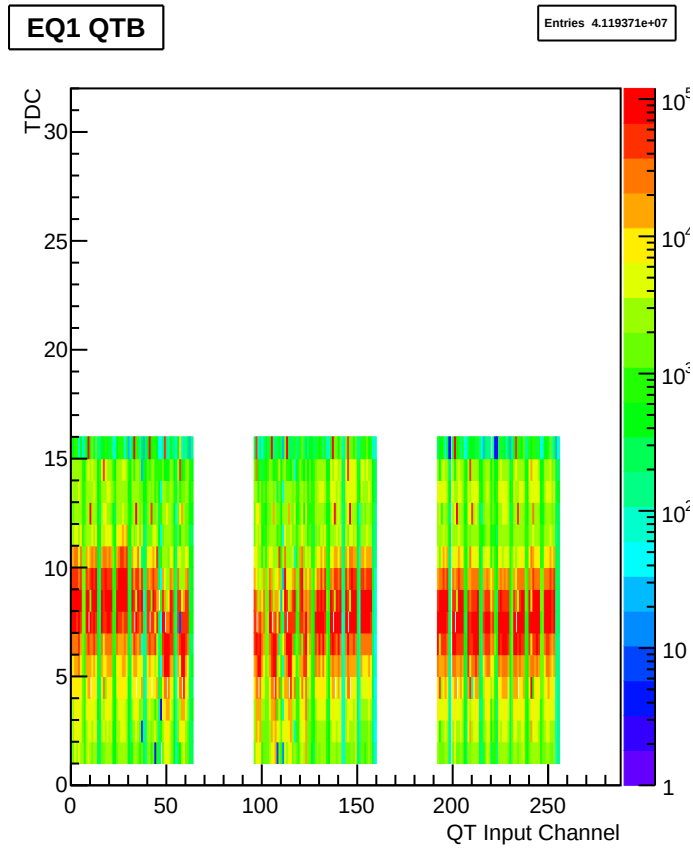

BBQ-VP001 East
Entries 6629024
ADC
QT Input Channel

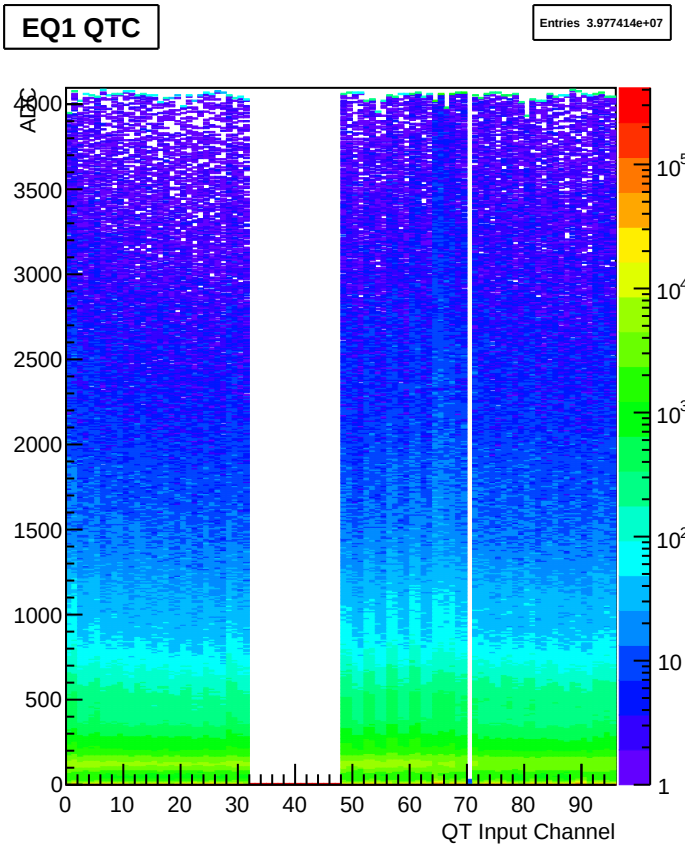

BBQ-VP001 East
Entries 6629024
TADC
QT Input Channel

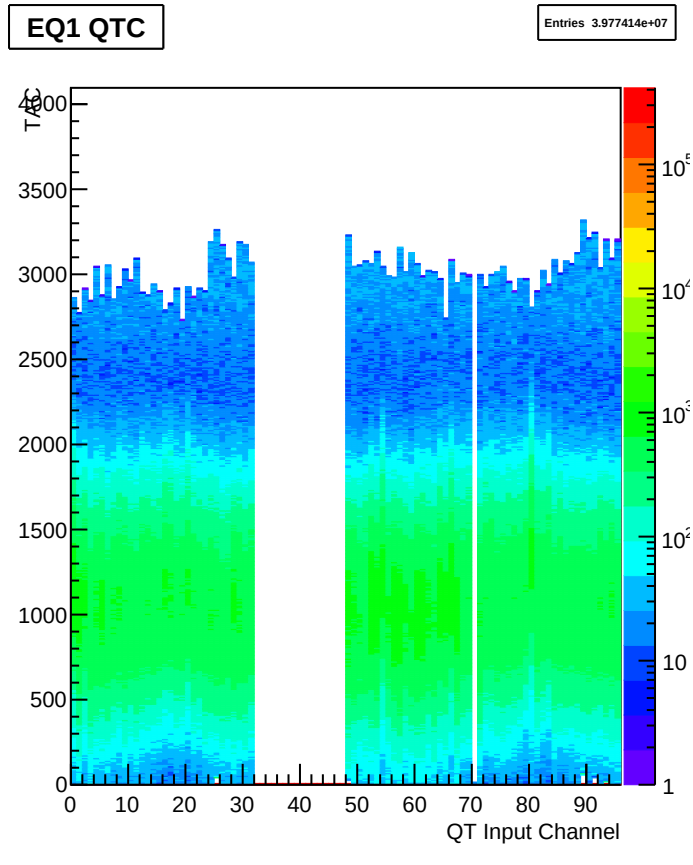

BBQ-VP002 West
Entries 6629024
ADC
QT Input Channel

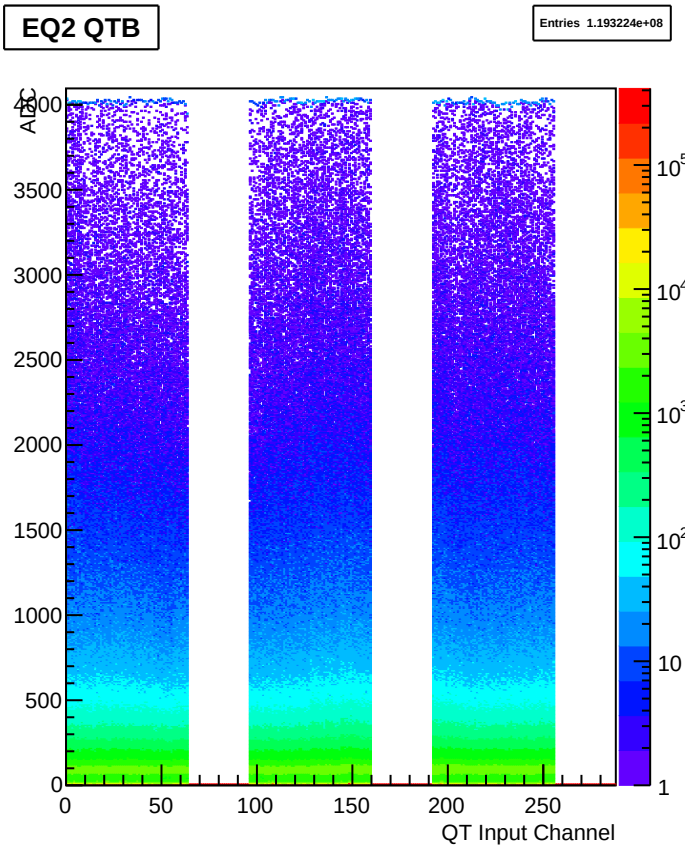

BBQ-VP002 West
Entries 6629024
TADC
QT Input Channel

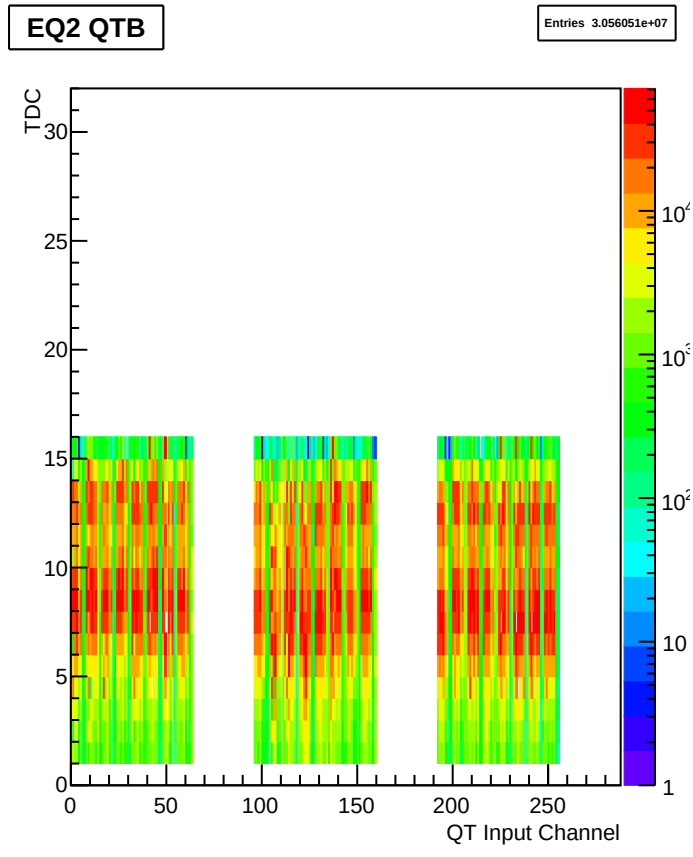

EQ1 QTB
Entries 1.193224e+08
ADC
QT Input Channel

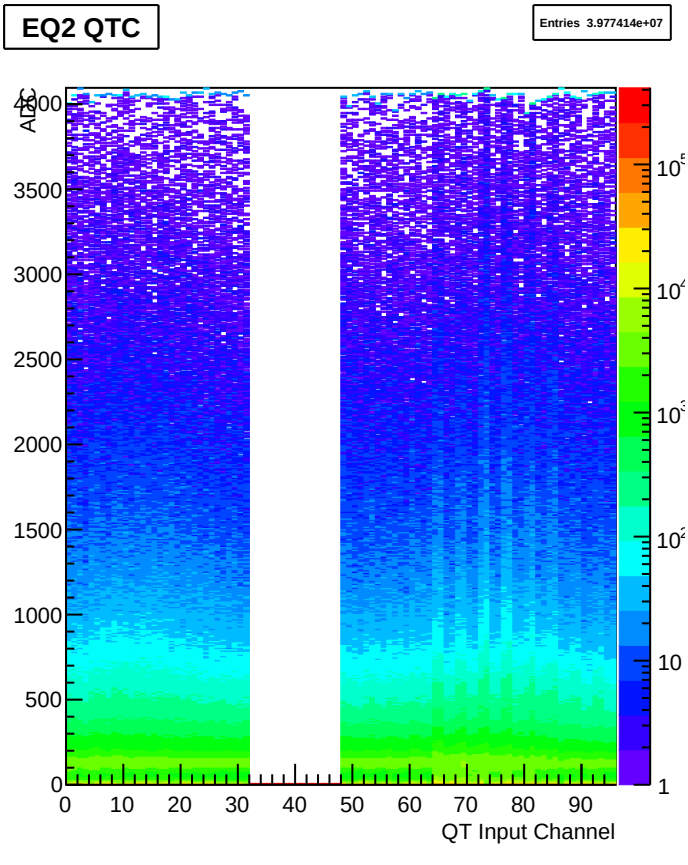

EQ1 QTB
Entries 4.119371e+07
TDC
QT Input Channel

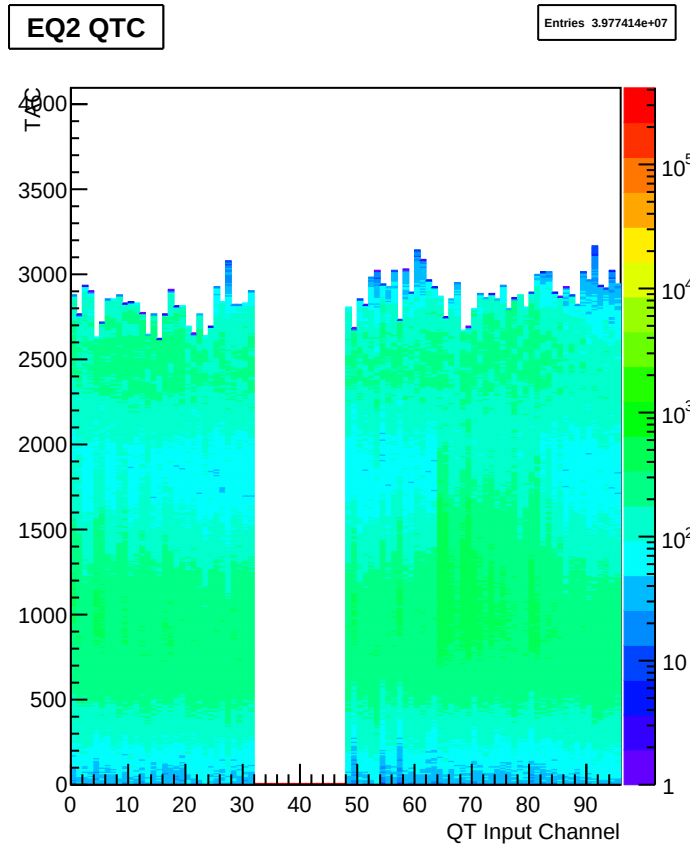

EQ1 QTC
Entries 3.977414e+07
ADC
QT Input Channel

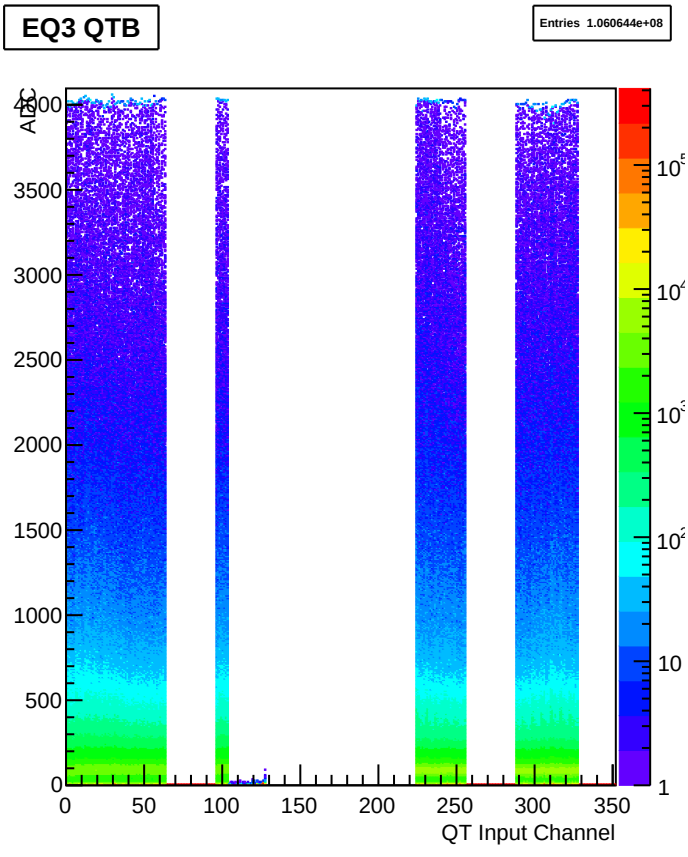

EQ1 QTC
Entries 3.977414e+07
TADC
QT Input Channel

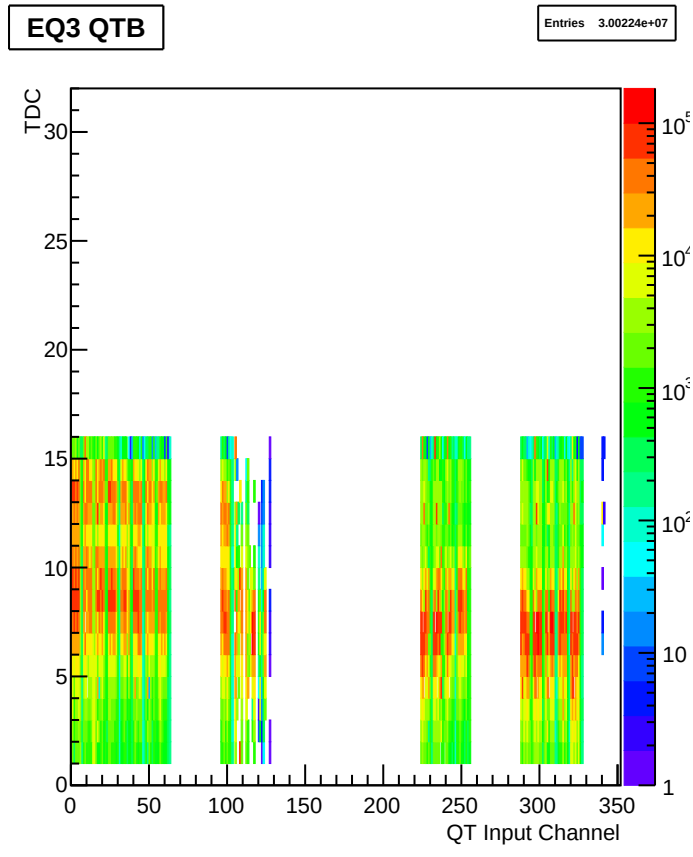

EQ2 QTB
Entries 1.193224e+08
ADC
QT Input Channel

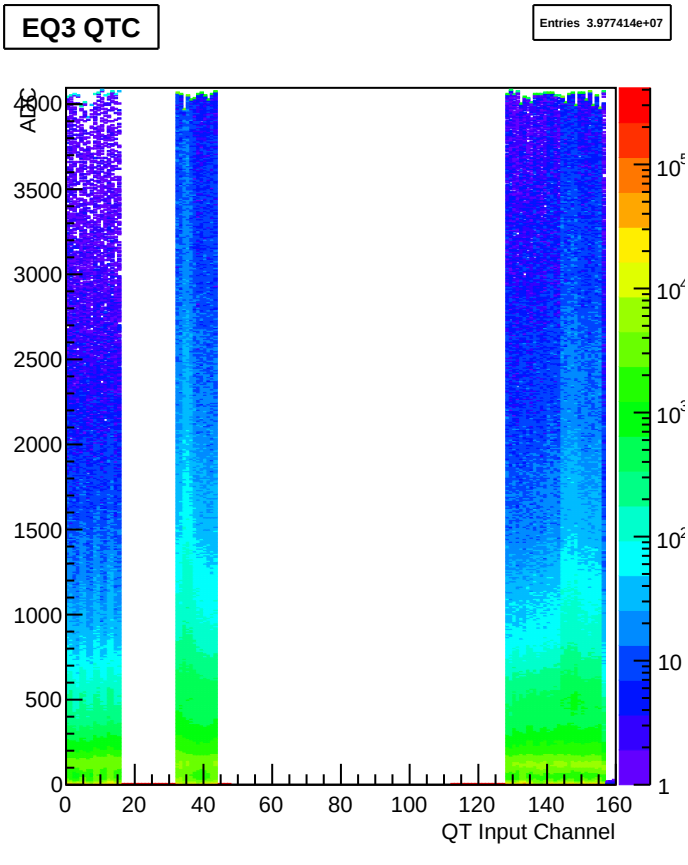

EQ2 QTB
Entries 3.056051e+07
TDC
QT Input Channel

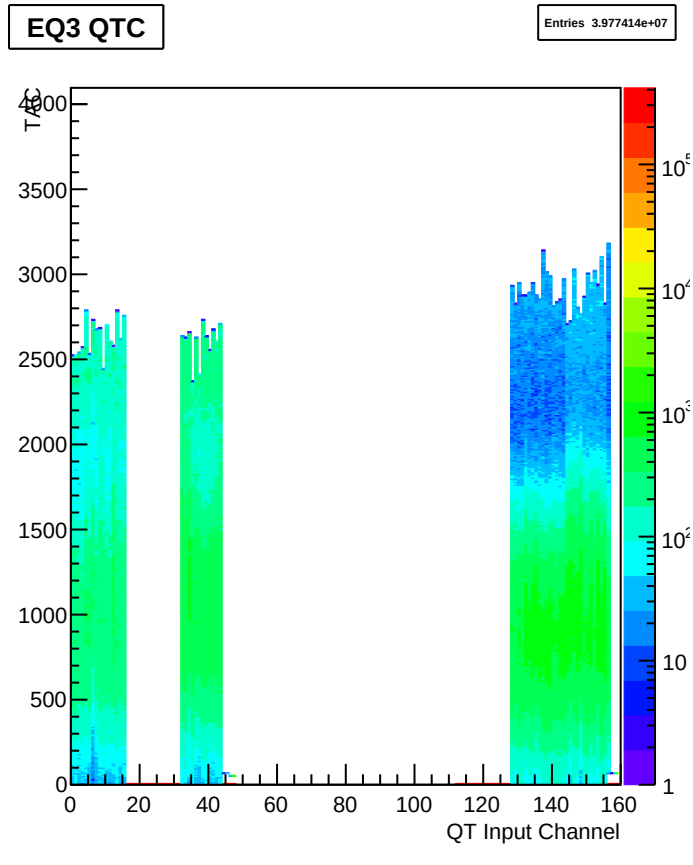

EQ2 QTC
Entries 3.977414e+07
ADC
QT Input Channel

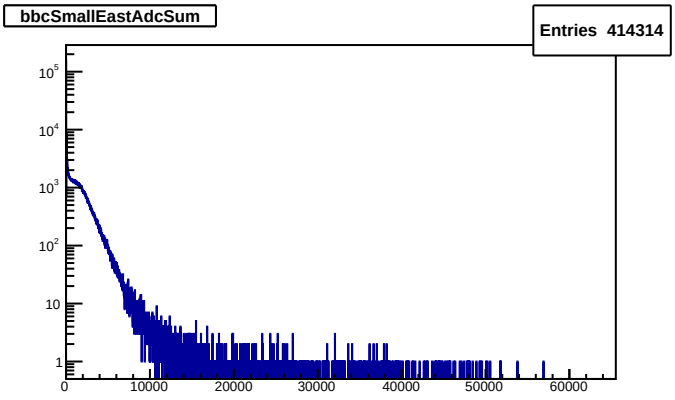

EQ2 QTC
Entries 3.977414e+07
TADC
QT Input Channel

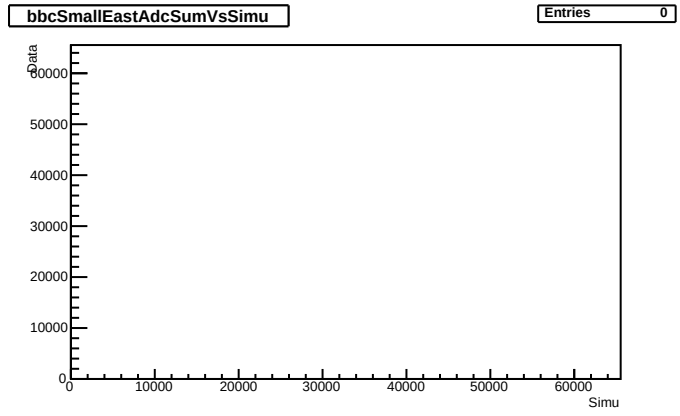

EQ3 QTB
Entries 1.060644e+08
ADC
QT Input Channel

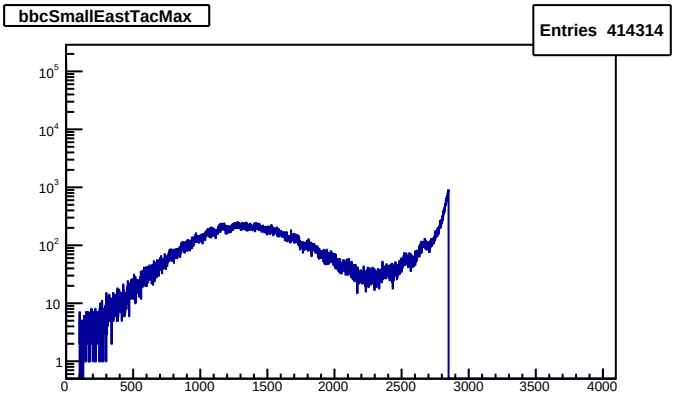

EQ3 QTB
Entries 3.00224e+07
TDC
QT Input Channel

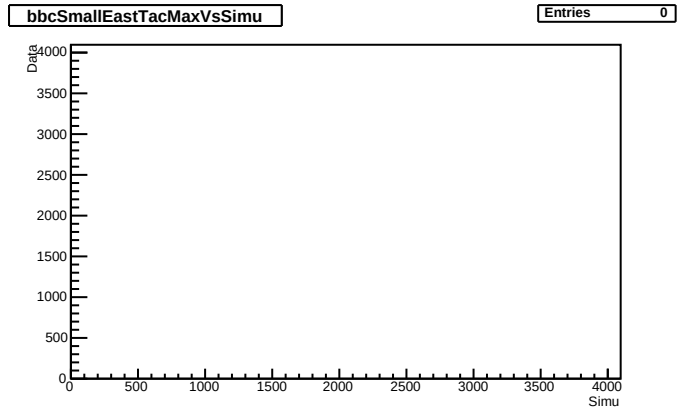

EQ3 QTC
Entries 3.977414e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.977414e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 414314


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 414314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Entries 0
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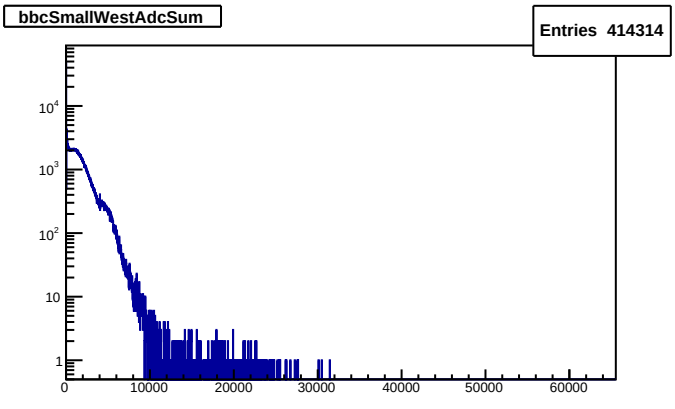
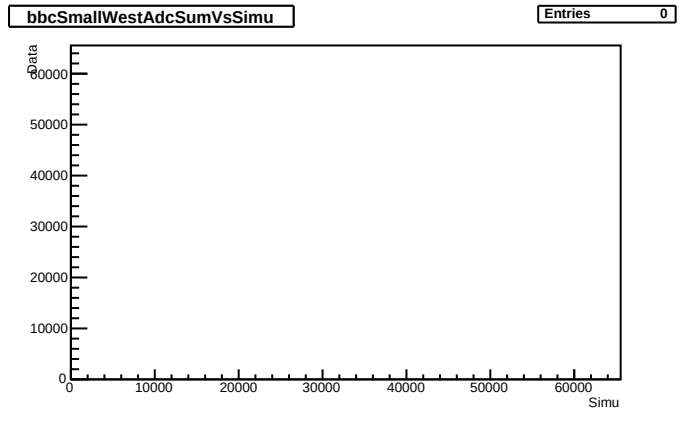
Simu


bbcSmallWestAdcSum
Entries 414314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Entries 0
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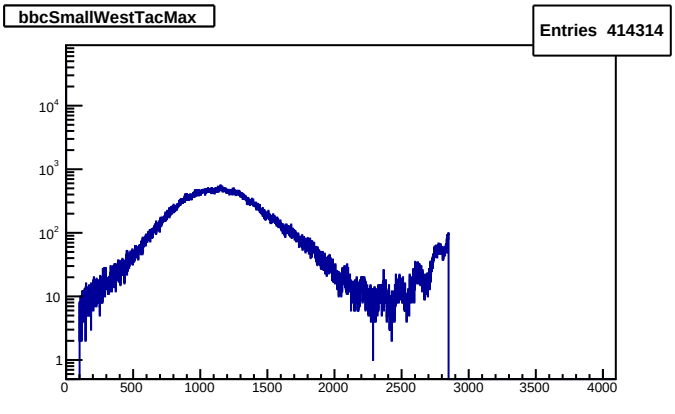
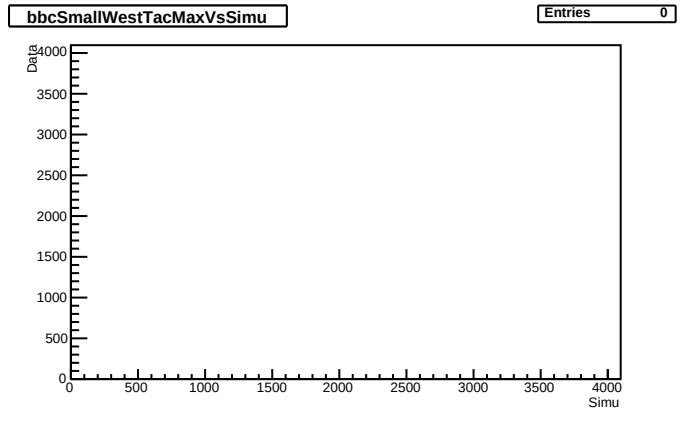
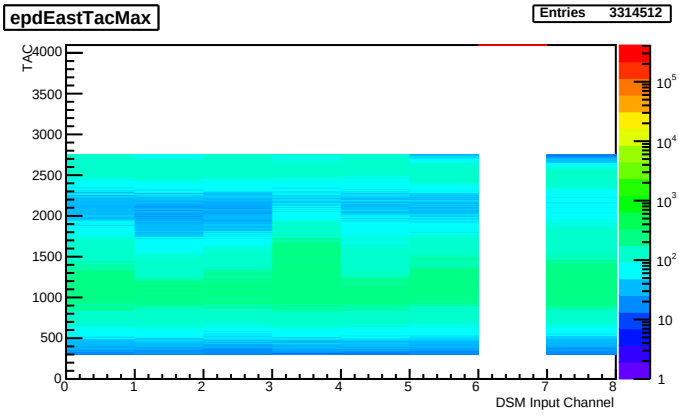
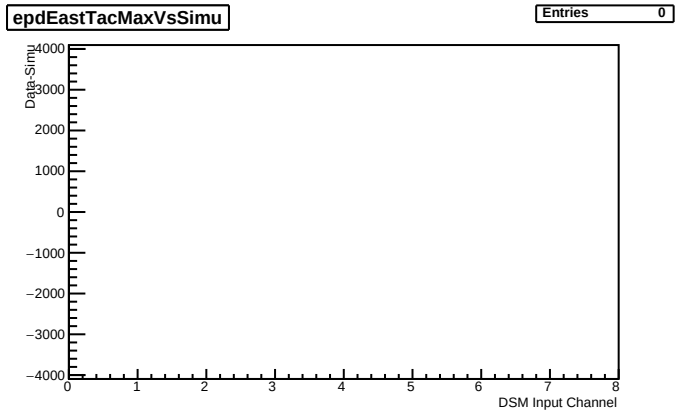
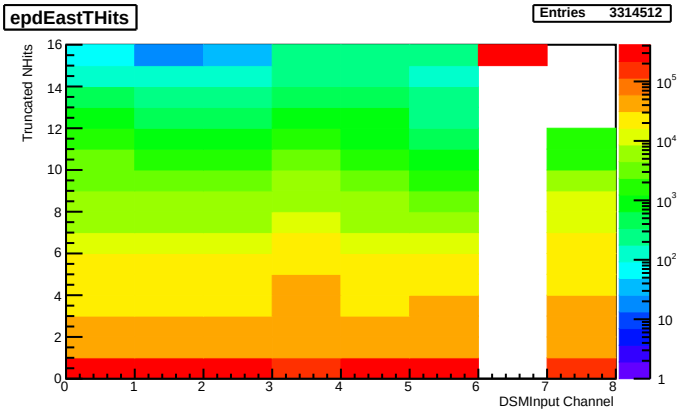
Simu

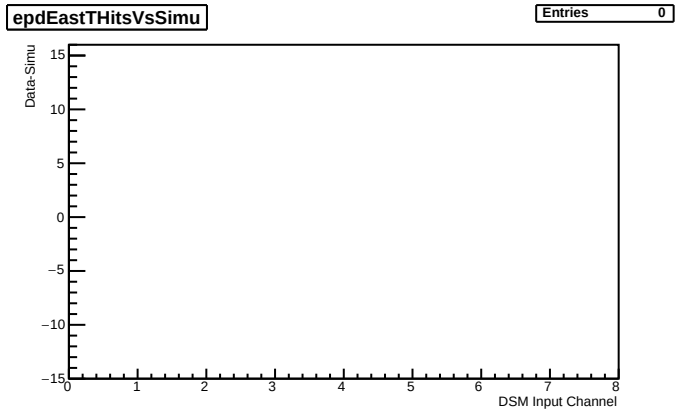

bbcSmallWestTacMax
Entries 414314


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 3314512
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3314512
Truncated NHits
DSMInput Channel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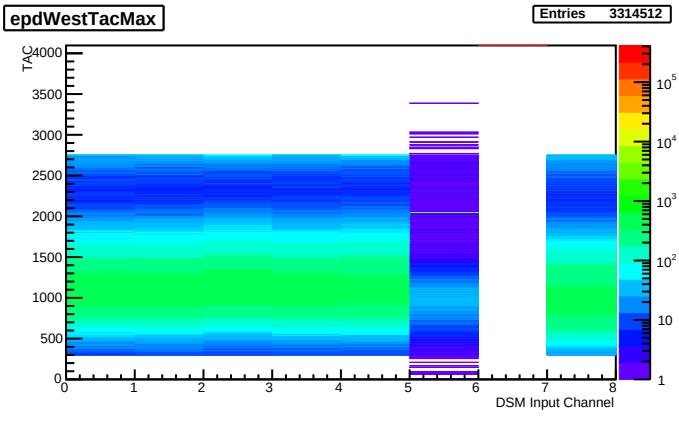
Data-Simu
DSM Input Channel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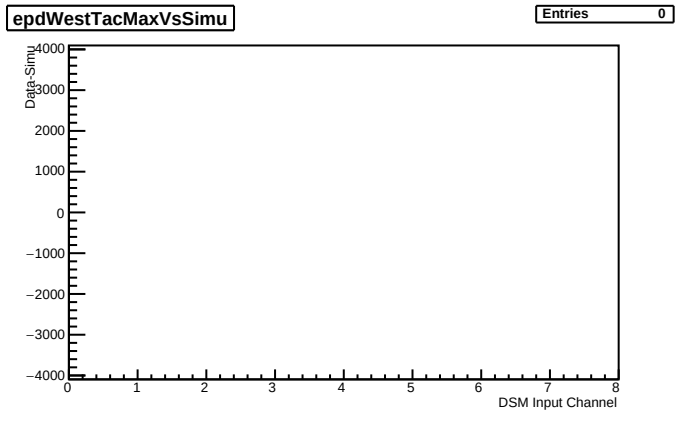
Entries 3314512
TAC
DSM Input Channel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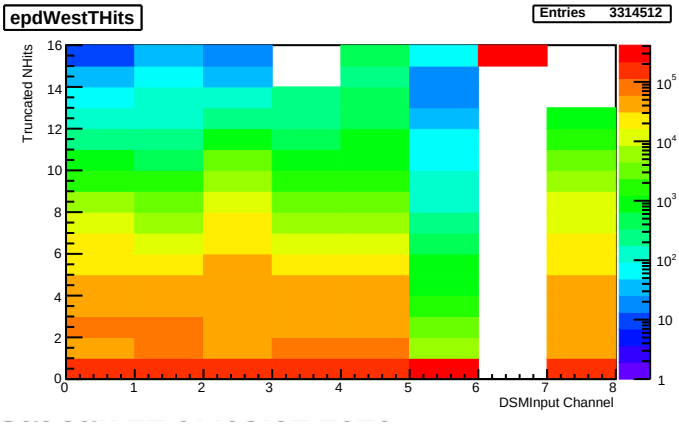
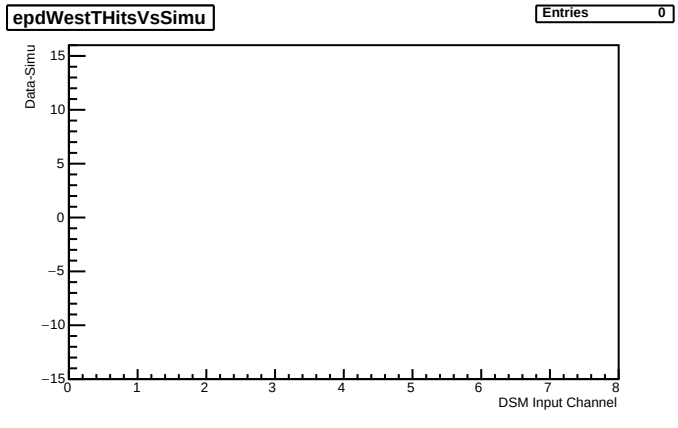
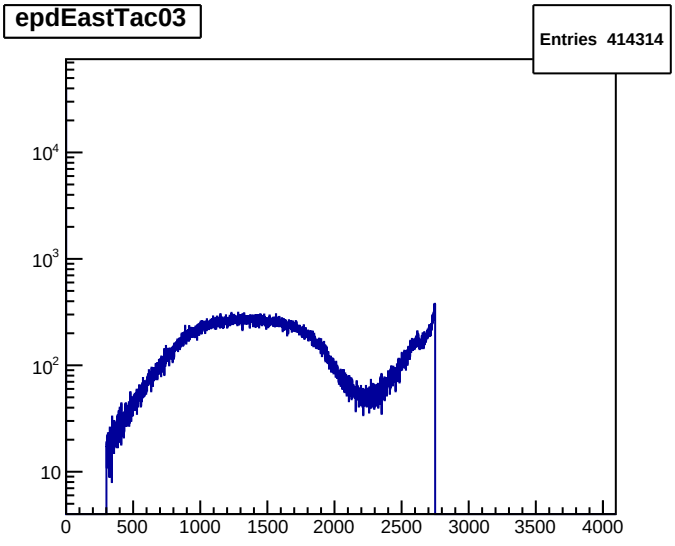
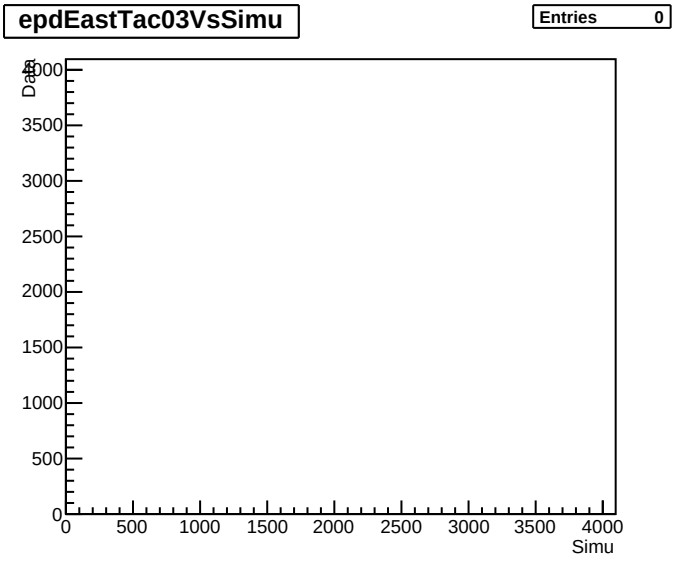
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3314512
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 414314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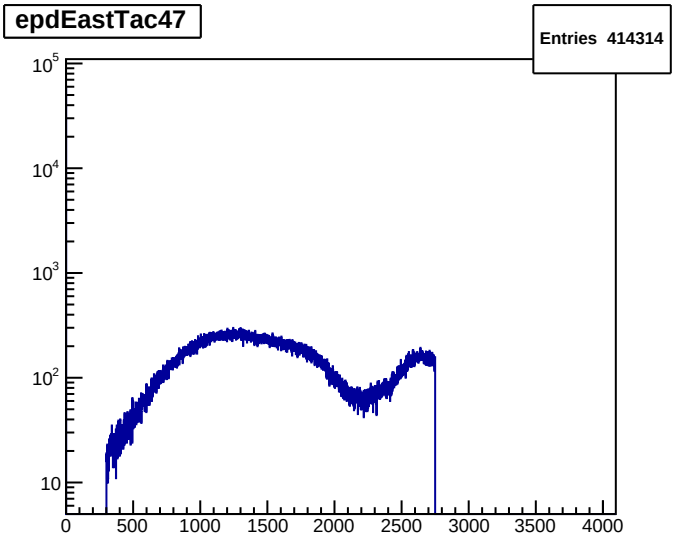
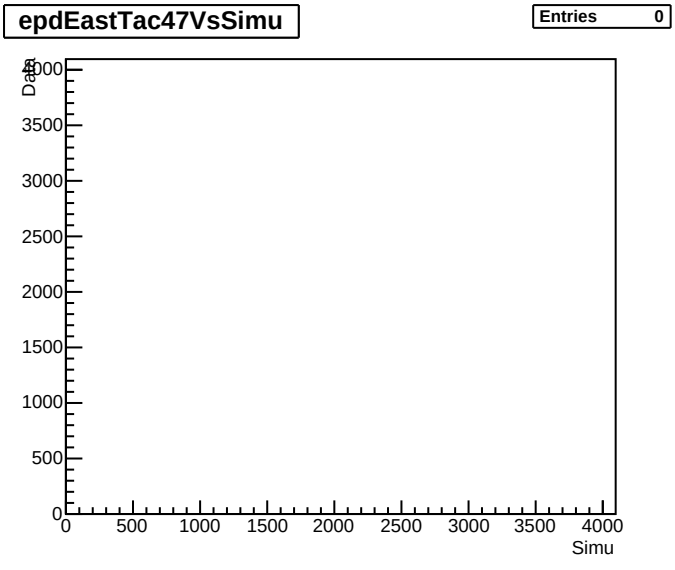
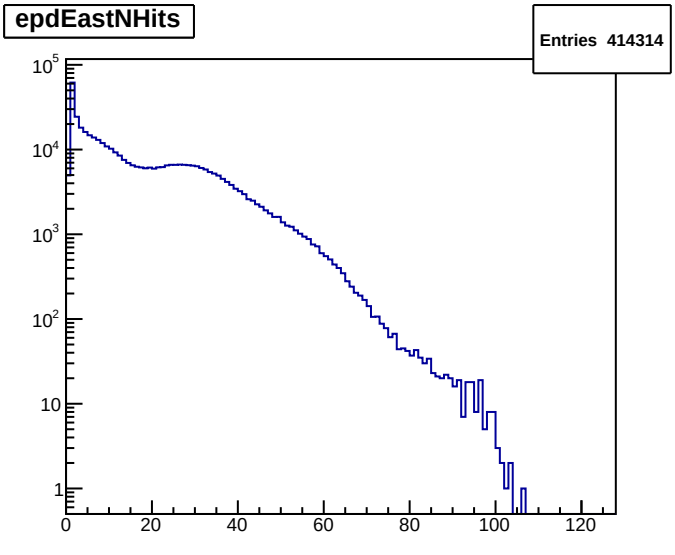
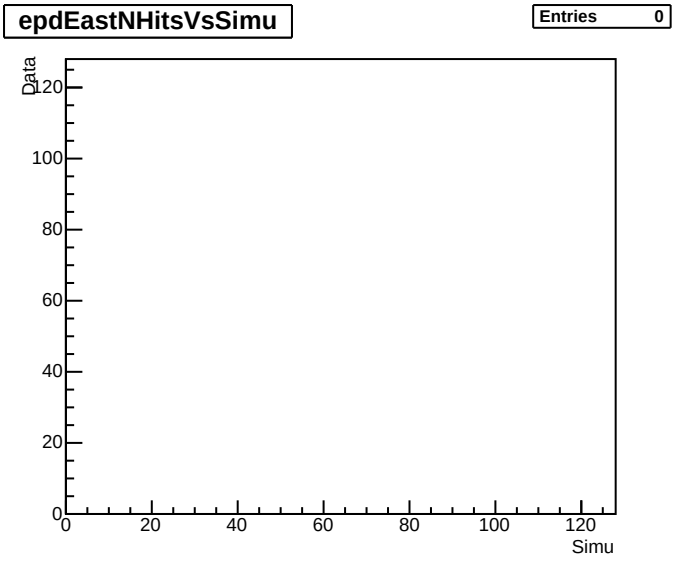
Entries 0
Data
Simu


epdEastTac47
Entries 414314


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 414314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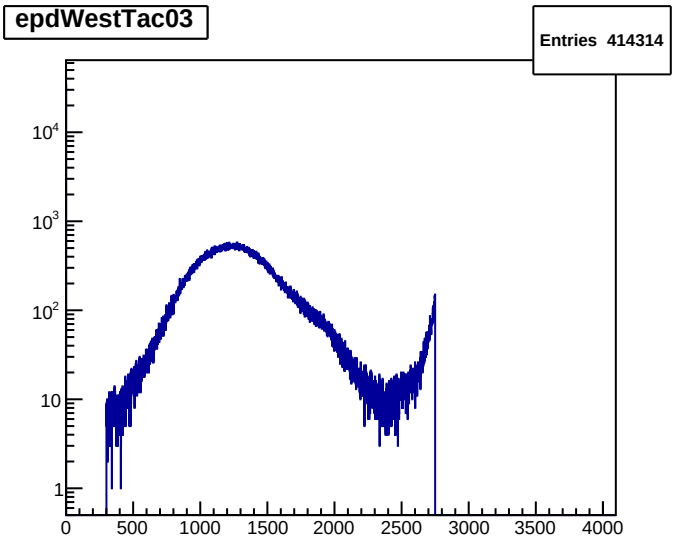
Entries 0
Data
Simu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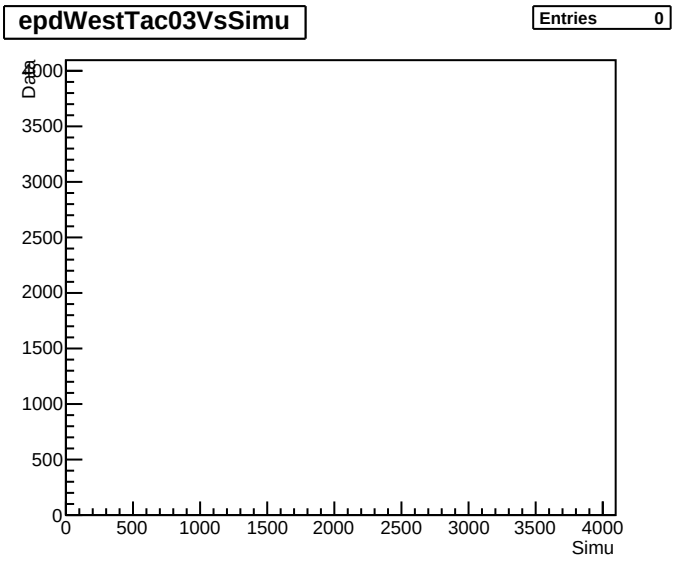
Entries 414314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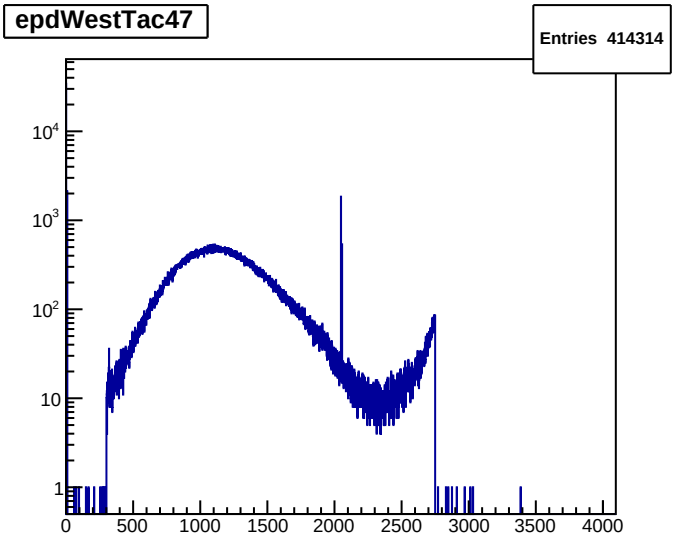
Entries 0
Data
Simu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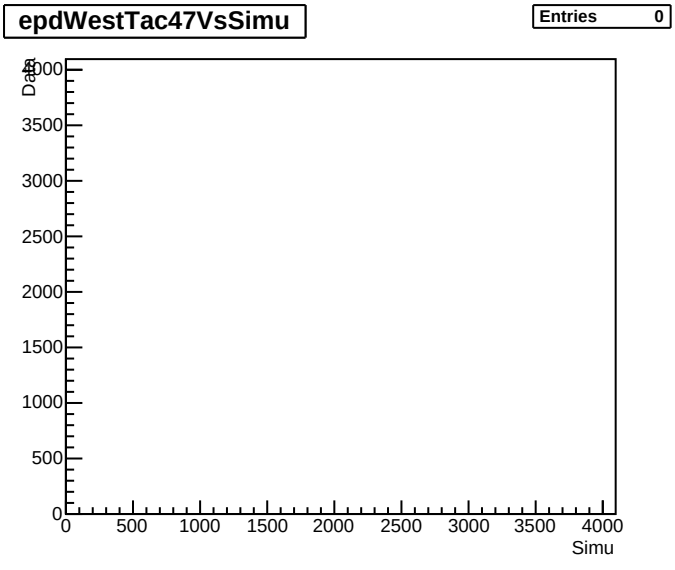
Entries 414314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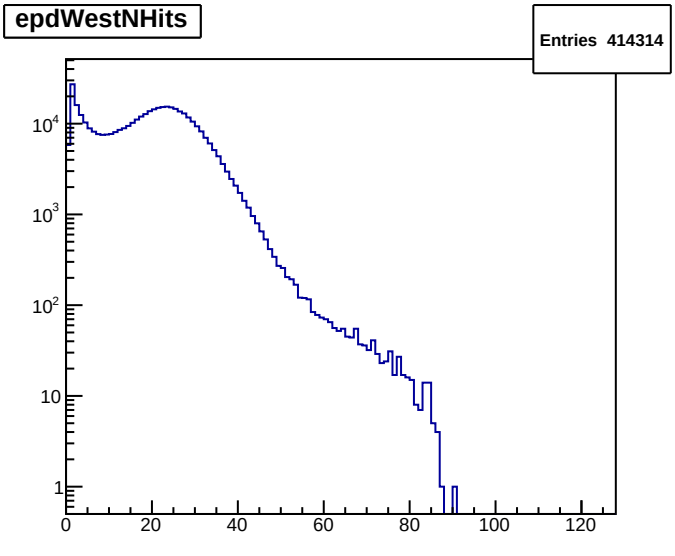
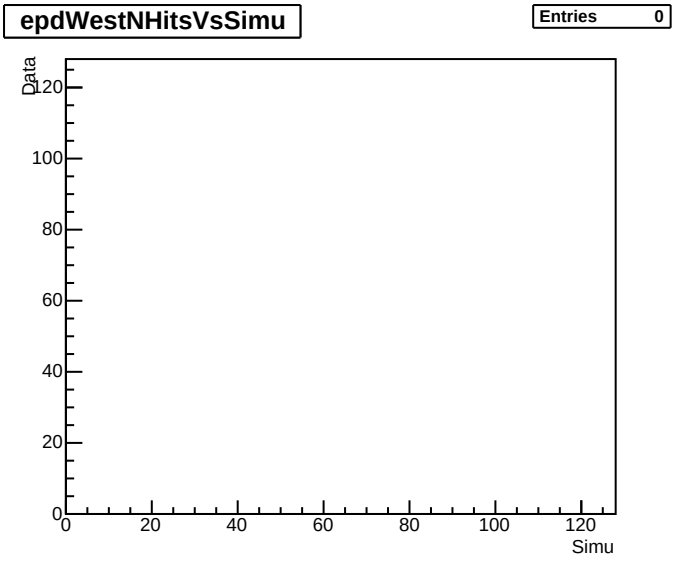
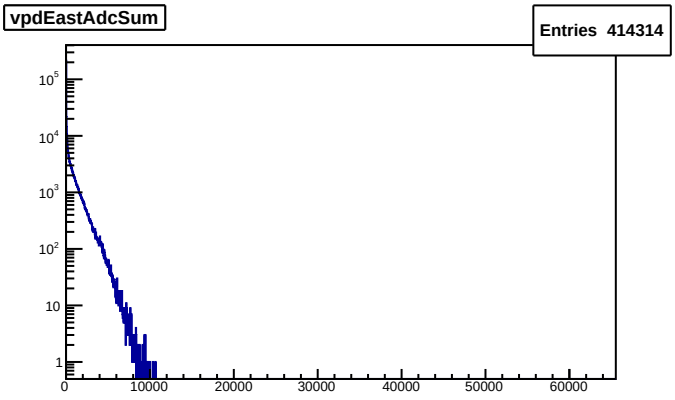
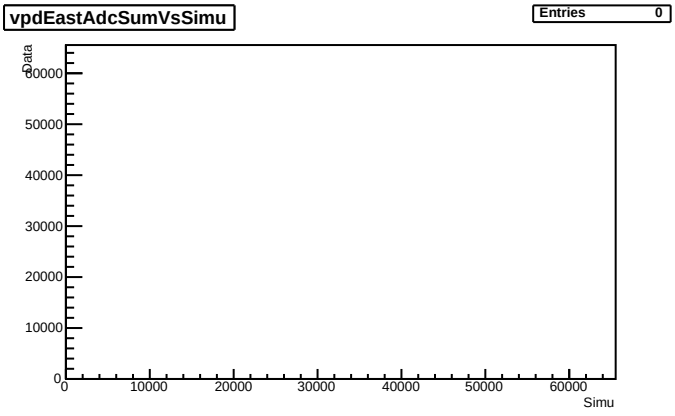
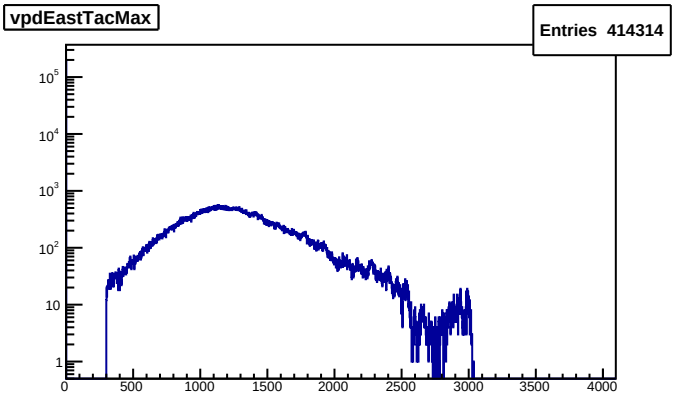
Entries 0
Data
Simu

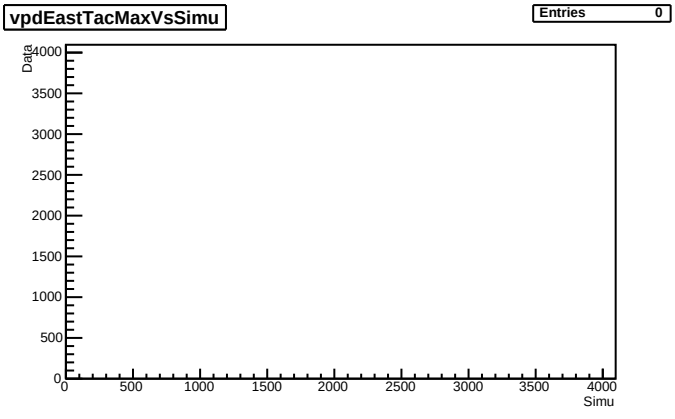

epdWestNHits
Entries 414314


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 414314


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 414314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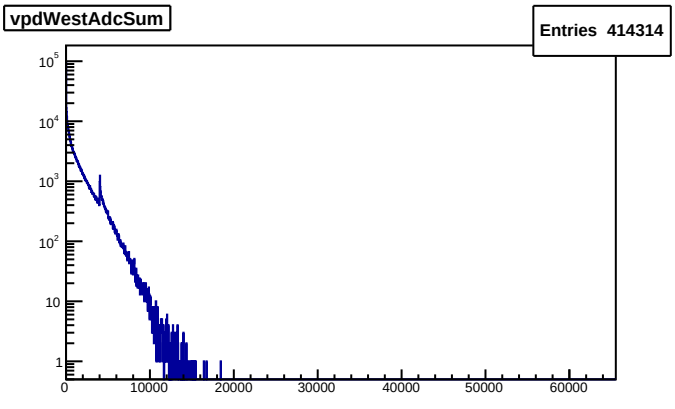
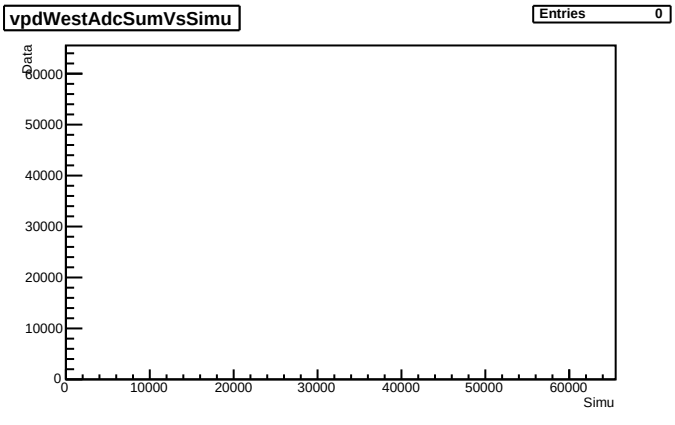
Entries 0
Data
Simu


vpdWestAdcSum
Entries 414314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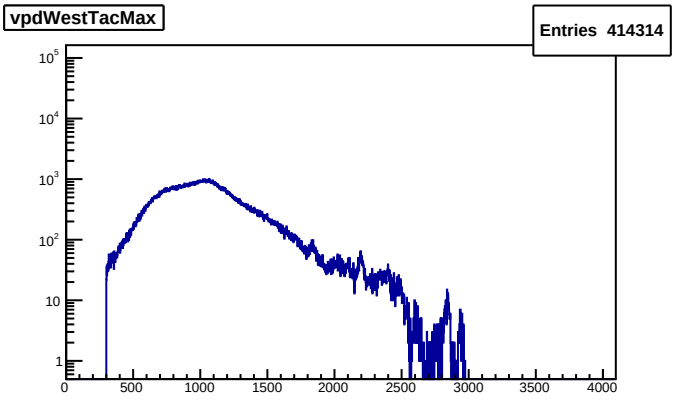
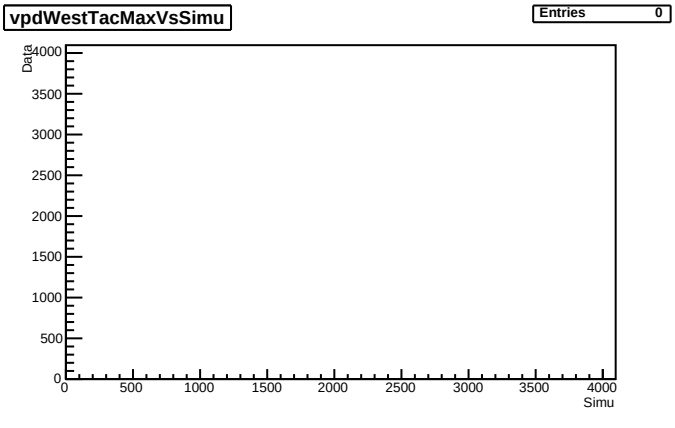
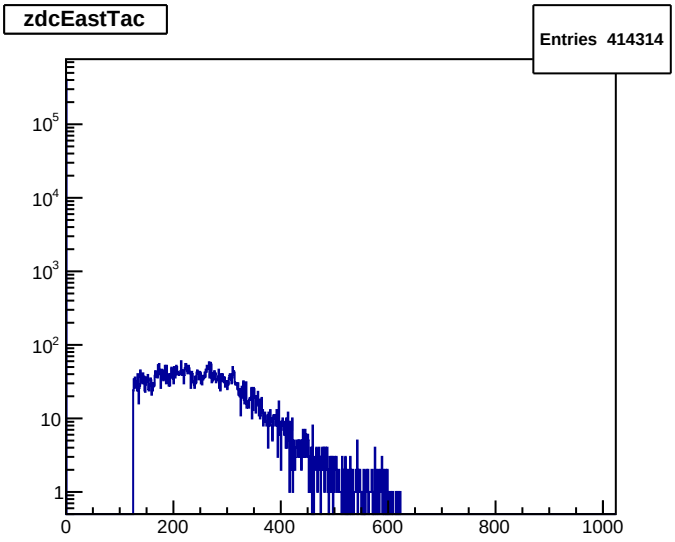
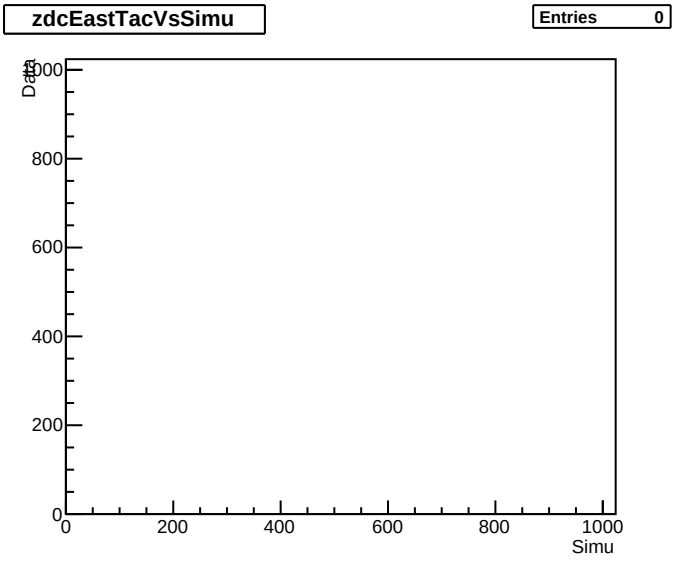
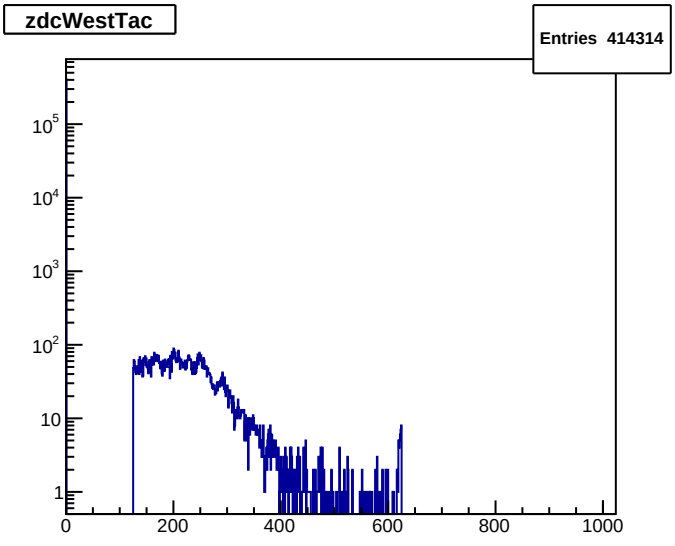
Entries 0
Data
Simu

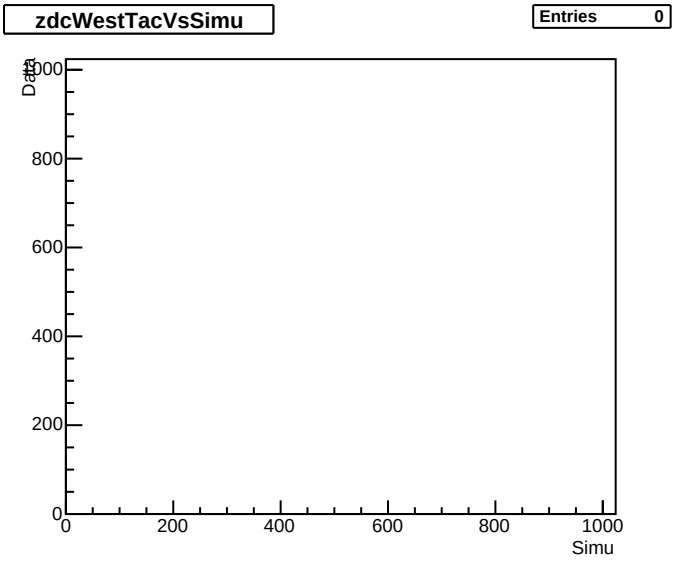

vpdWestTacMax
Entries 414314

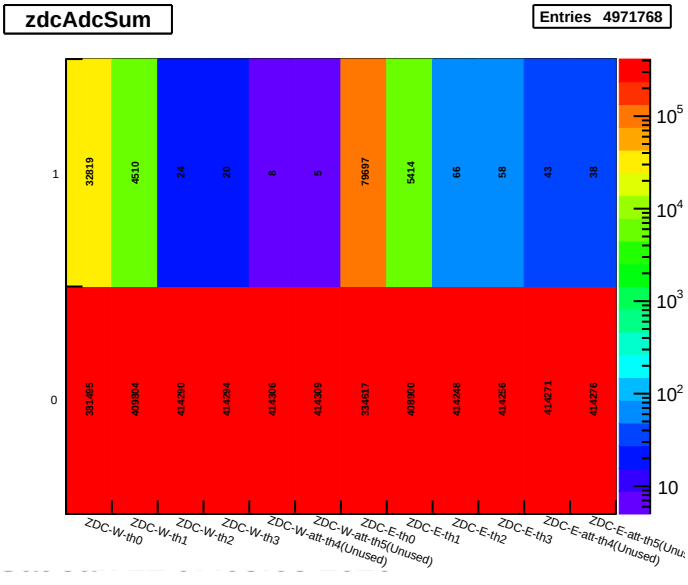

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

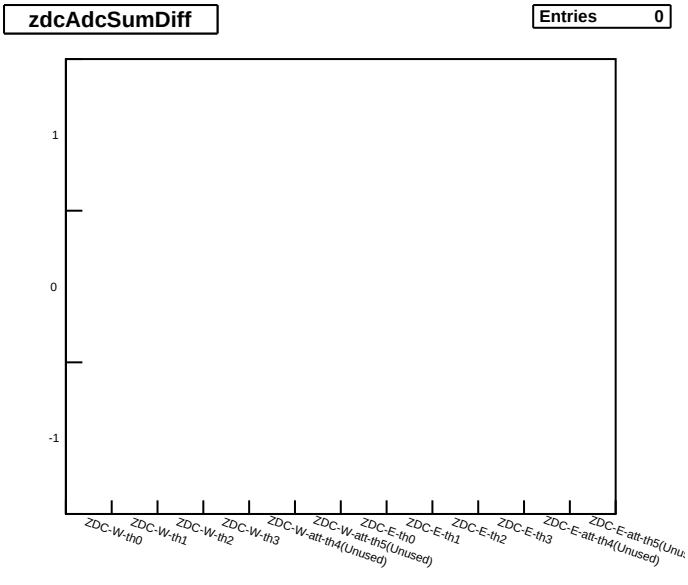

zdcEastTac
Entries 414314

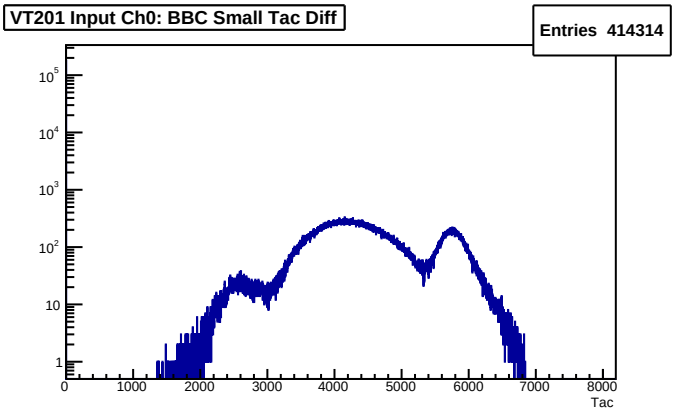

zdcEastTacVsSimu
Entries 0
Data
Simu

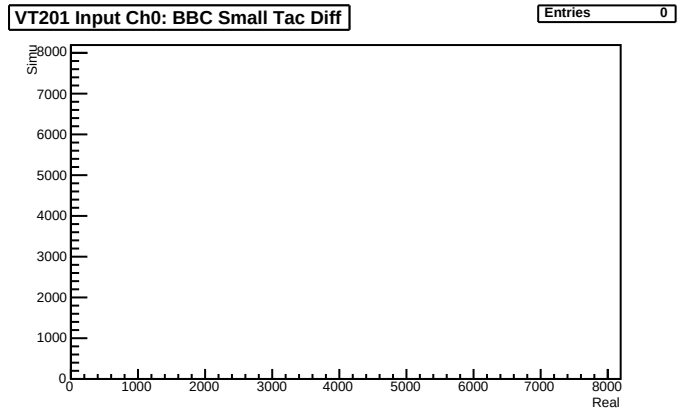

zdcWestTac
Entries 414314

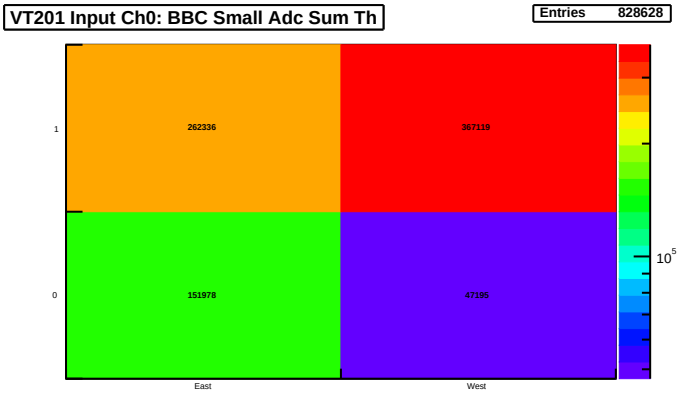

zdcWestTacVsSimu
Entries 0
Data
Simu

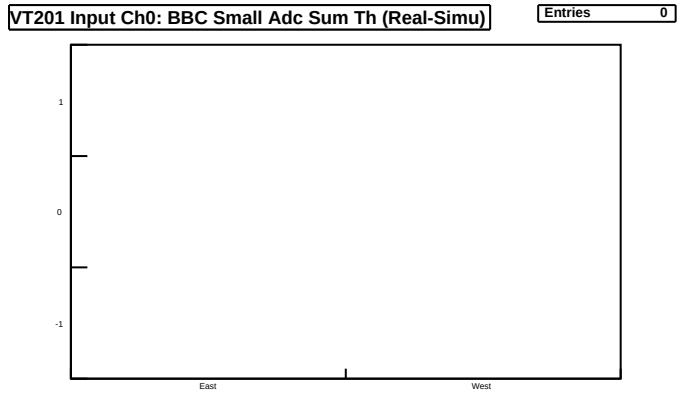

zdcAdcSum
Entries 4971768
32819
4510
24
20
8
5
79697
5414
66
58
43
38
381495
409804
414290
414294
414306
414309
334617
408900
414248
414256
414271
414276
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

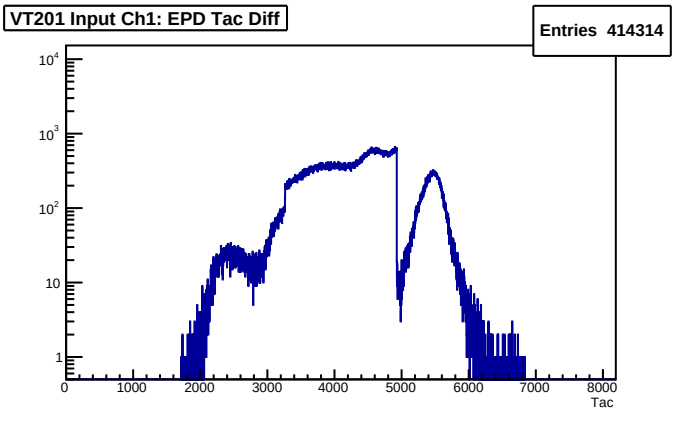

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

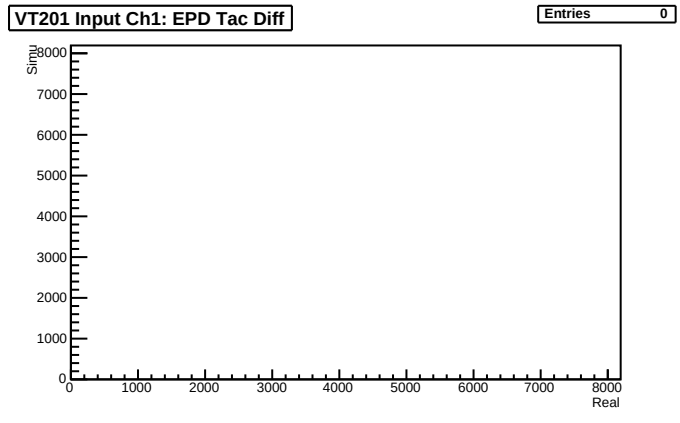

VT201 Input Ch0: BBC Small Tac Diff
Entries 414314
Tac

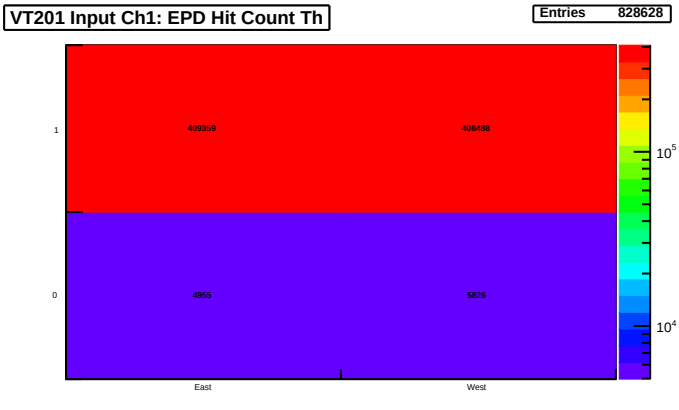

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

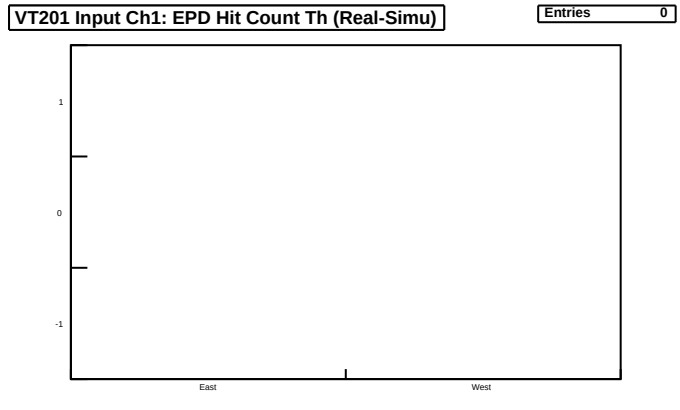

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 828628
262336
367119
151978
47195
East
West

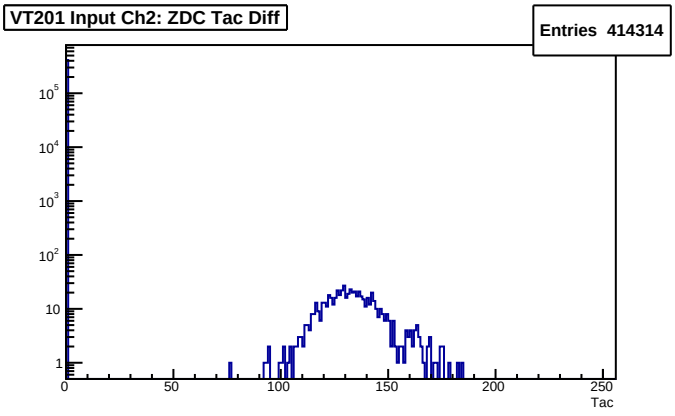

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

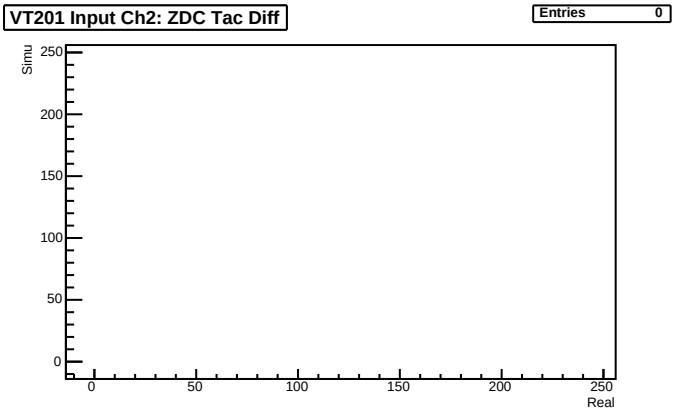

VT201 Input Ch1: EPD Tac Diff
Entries 414314
Tac

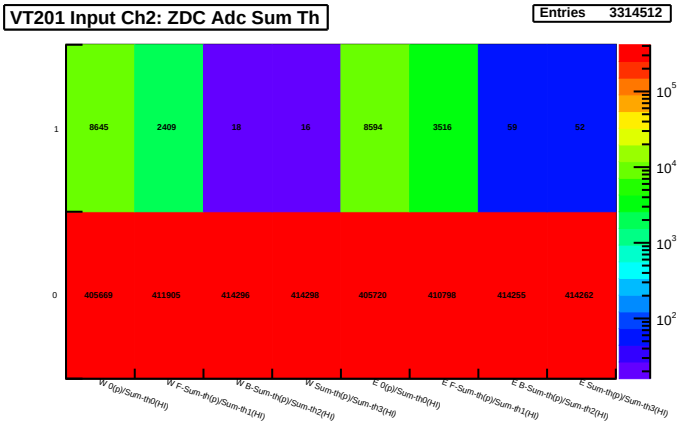

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

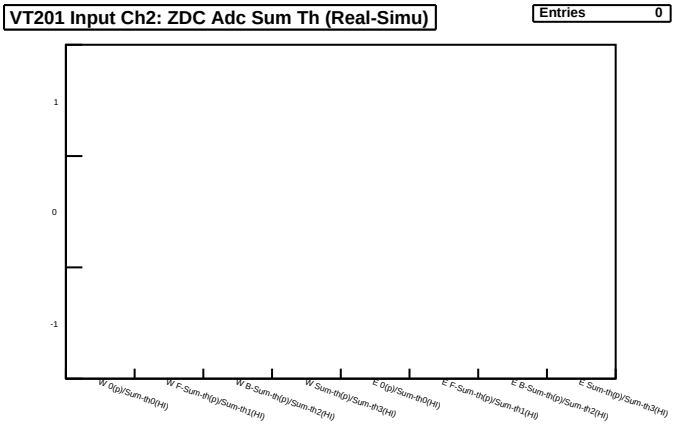

VT201 Input Ch1: EPD Hit Count Th
Entries 828628
409359
408488
4955
5826
East
West

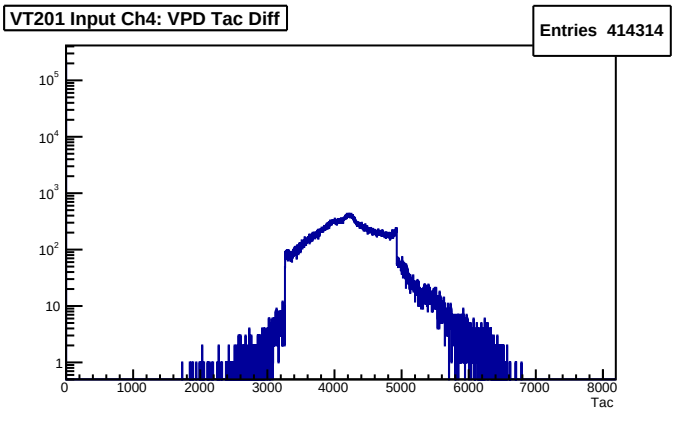

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

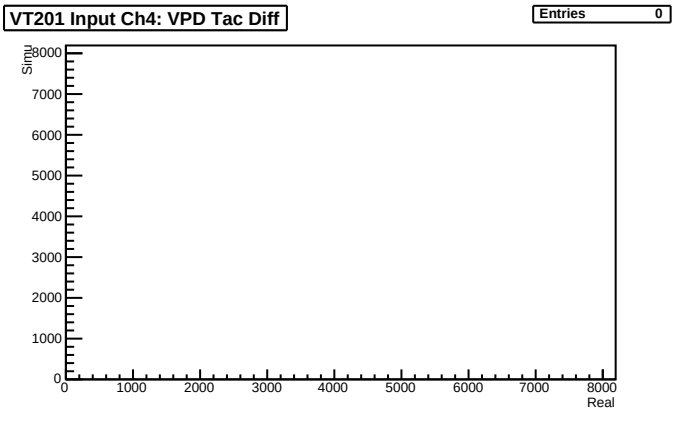

VT201 Input Ch2: ZDC Tac Diff
Entries 414314
Tac

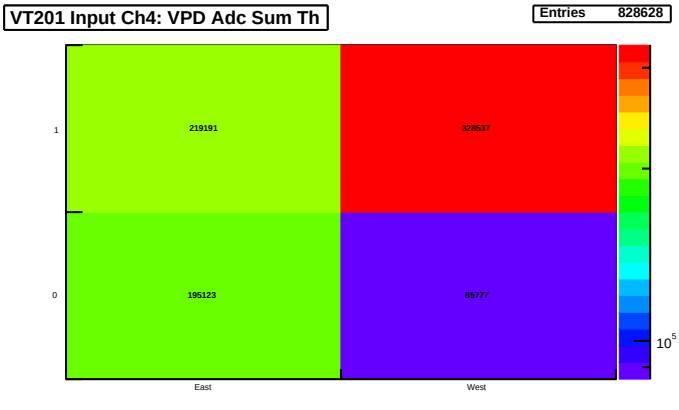

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

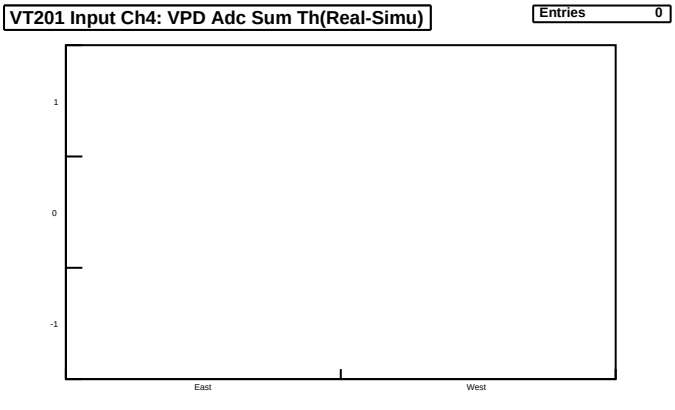

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3314512
8645
2409
18
16
8594
3516
59
52
405669
411905
414296
414298
405720
410798
414255
414262
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

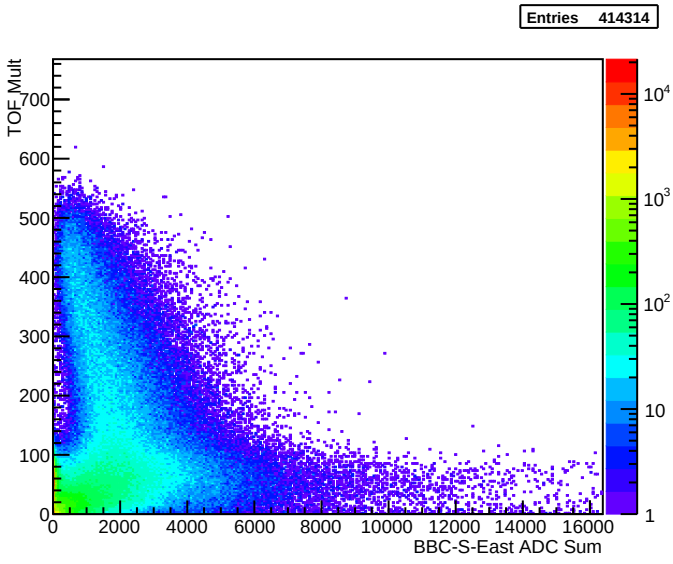

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

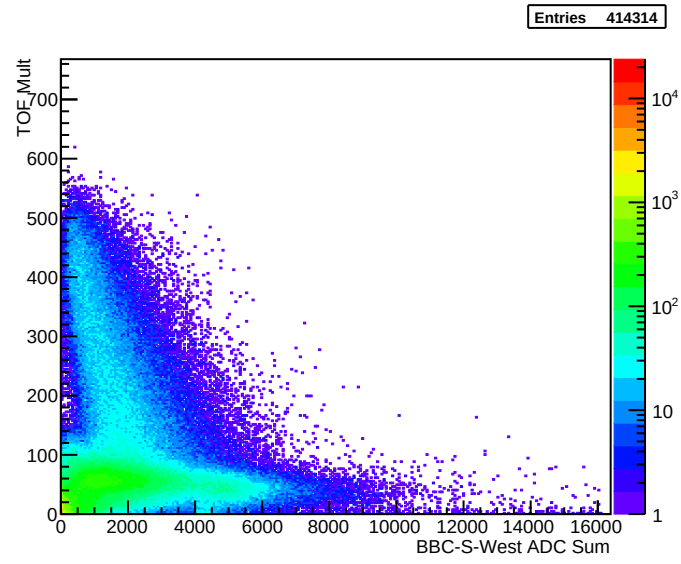

VT201 Input Ch4: VPD Tac Diff
Entries 414314
Tac

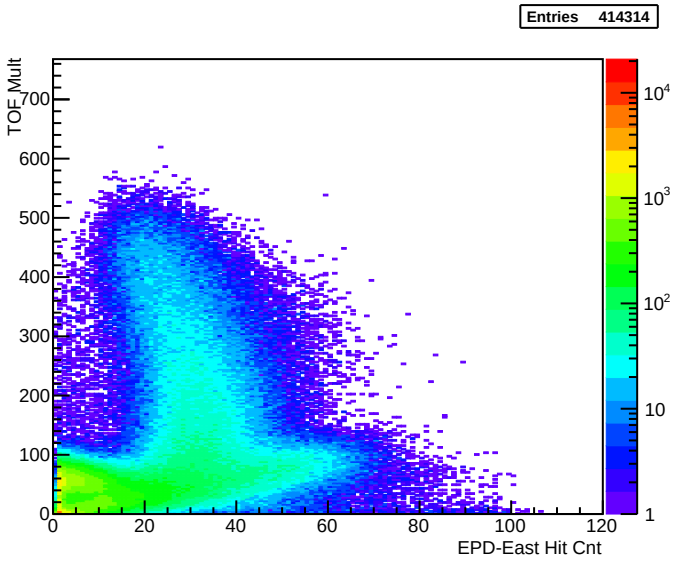

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

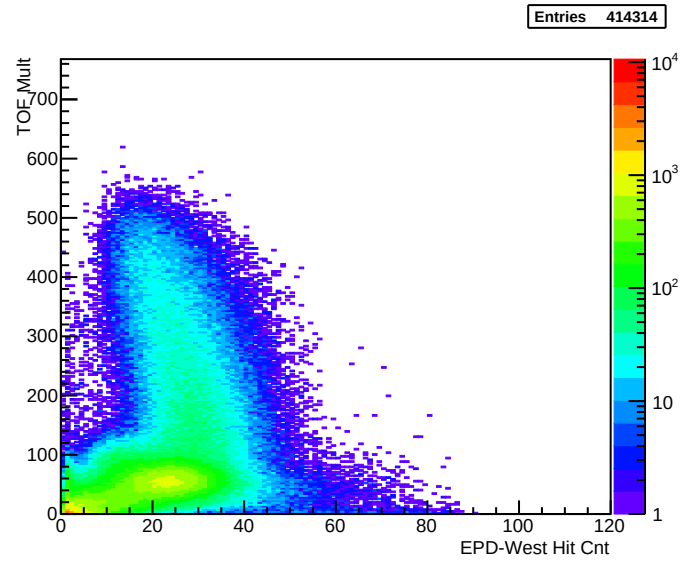

VT201 Input Ch4: VPD Adc Sum Th
Entries 828628
219191
328537
195123
85777
East
West

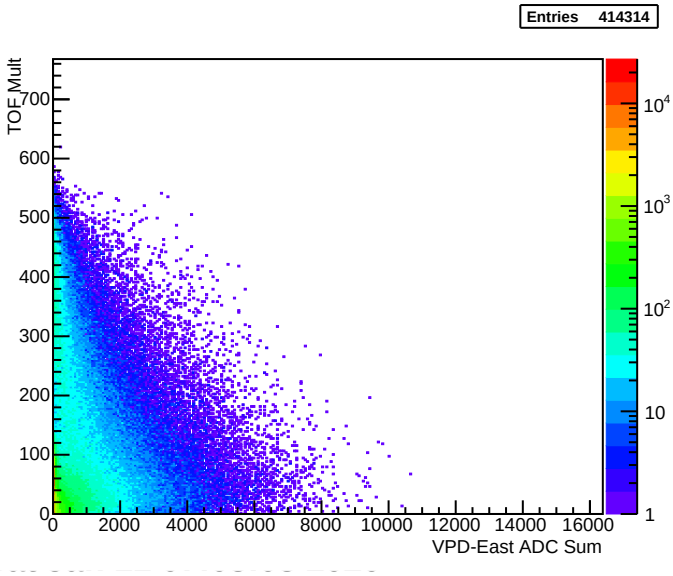

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

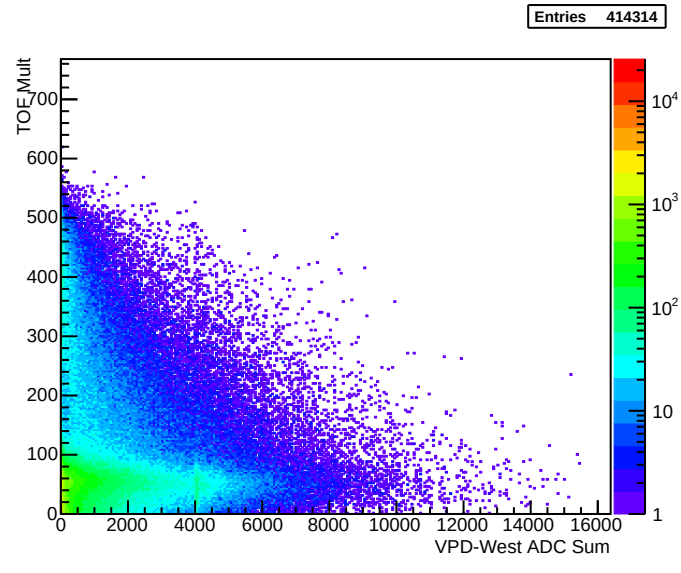

Entries 414314
TOF_Mult
BBC-S-East ADC Sum

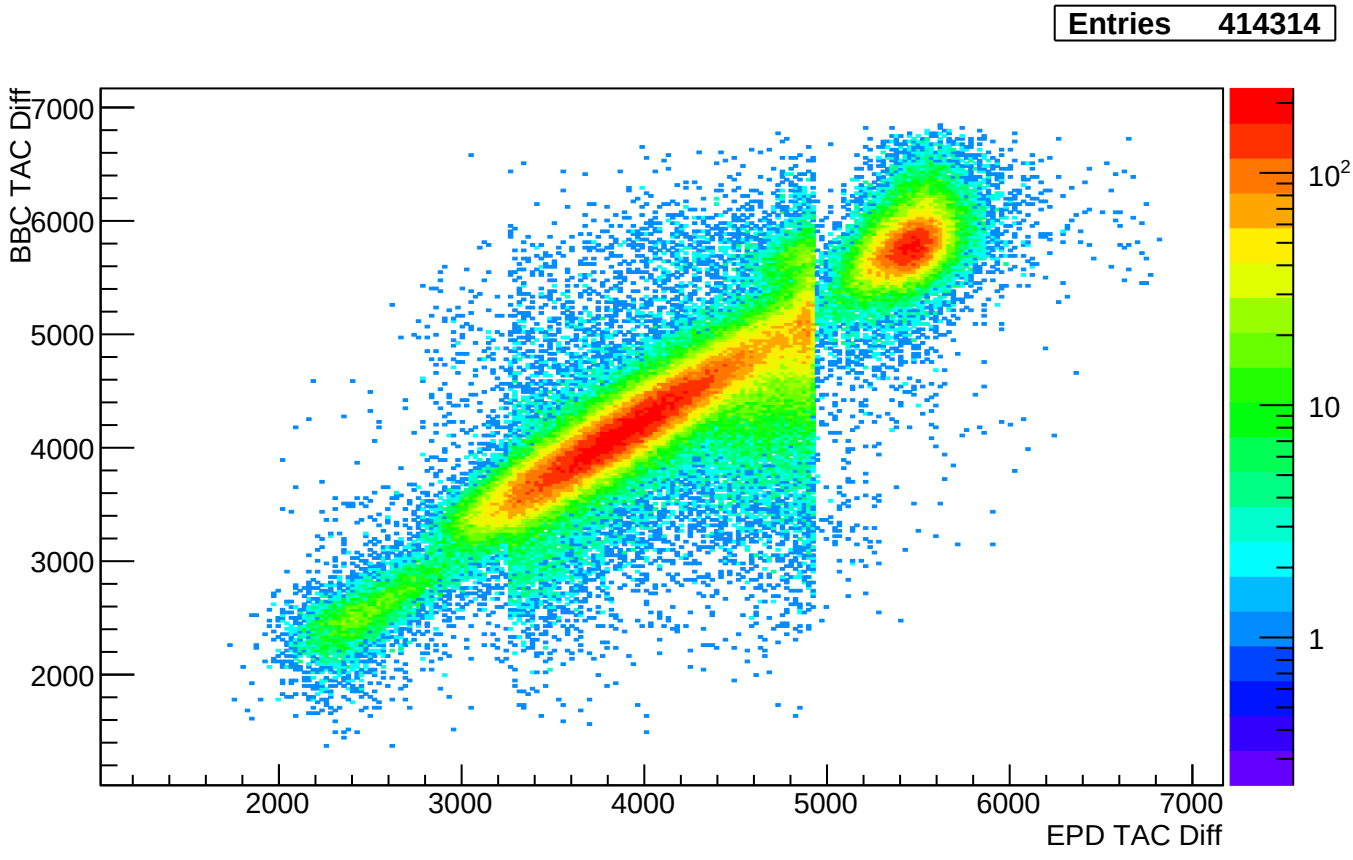

Entries 414314
TOF_Mult
BBC-S-West ADC Sum

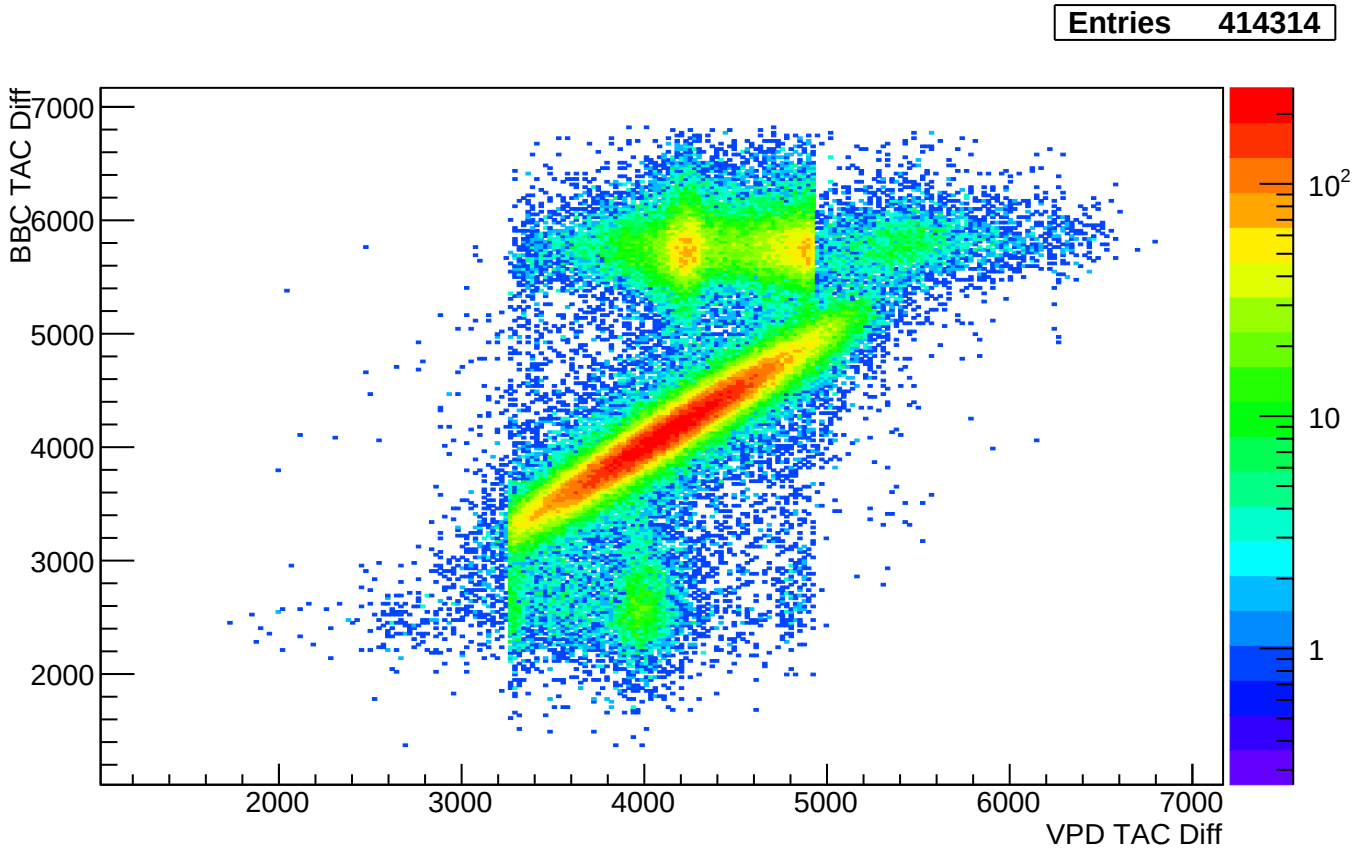

Entries 414314
TOF_Mult
EPD-East Hit Cnt

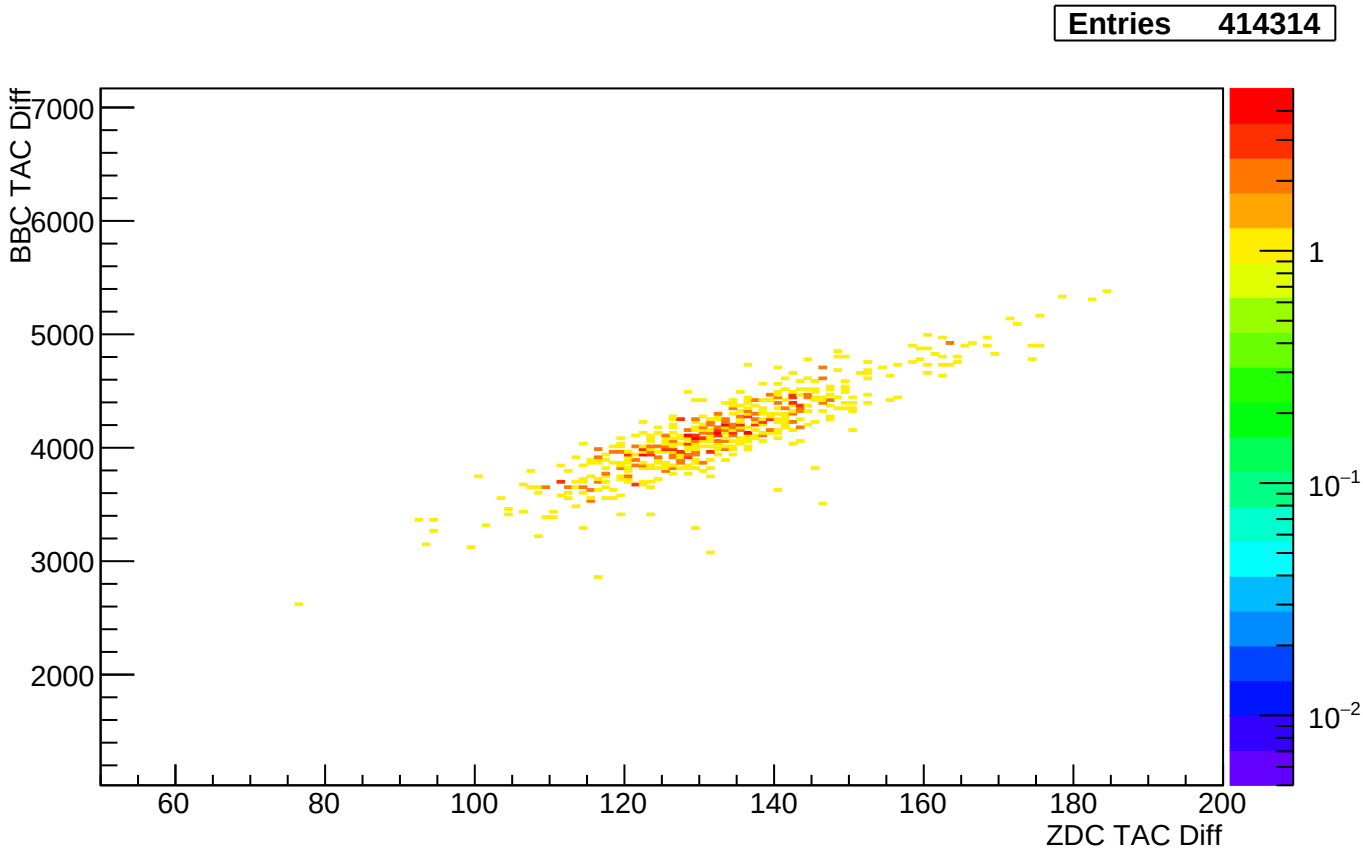

Entries 414314
TOF_Mult
EPD-West Hit Cnt

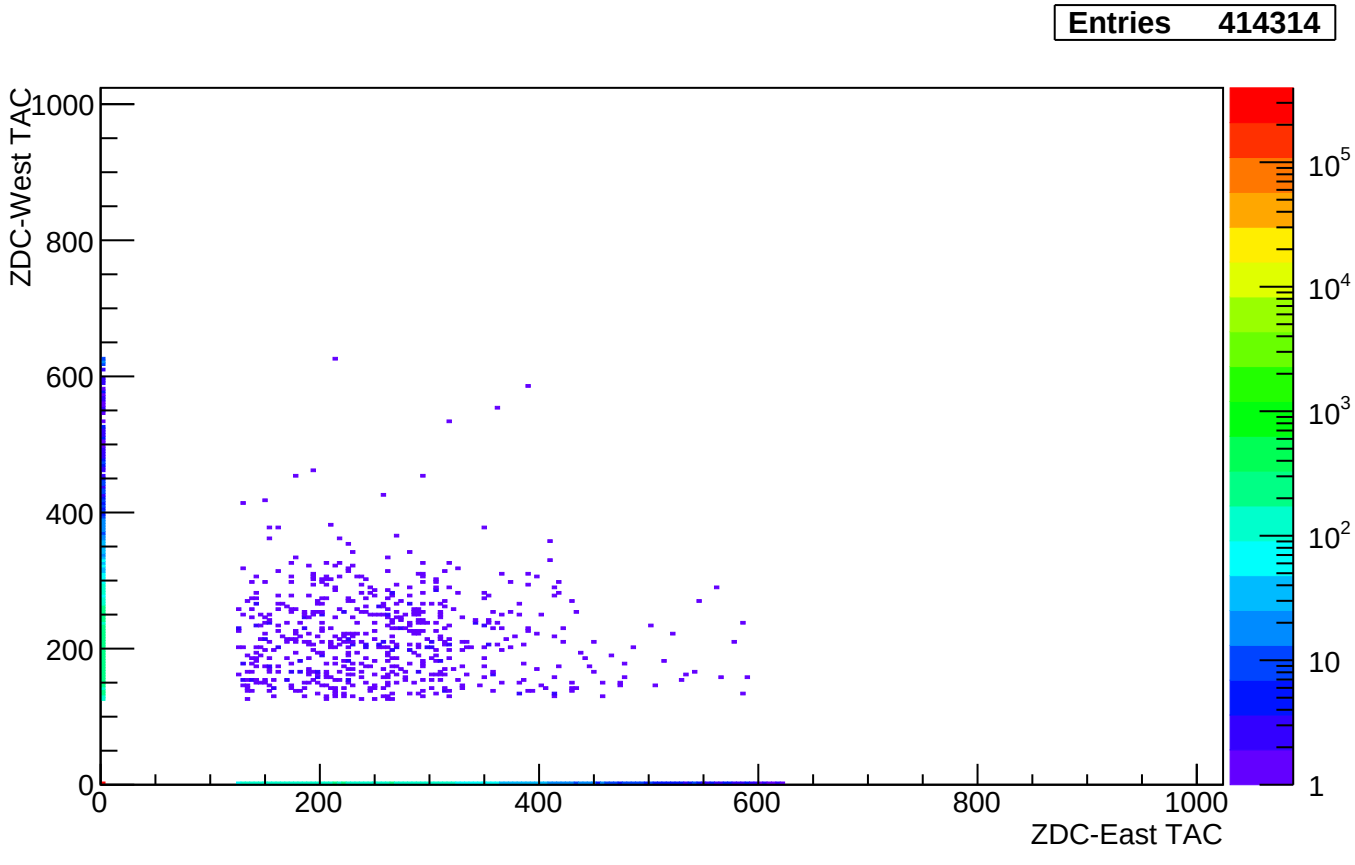

Entries 414314
TOF_Mult
VPD-East ADC Sum

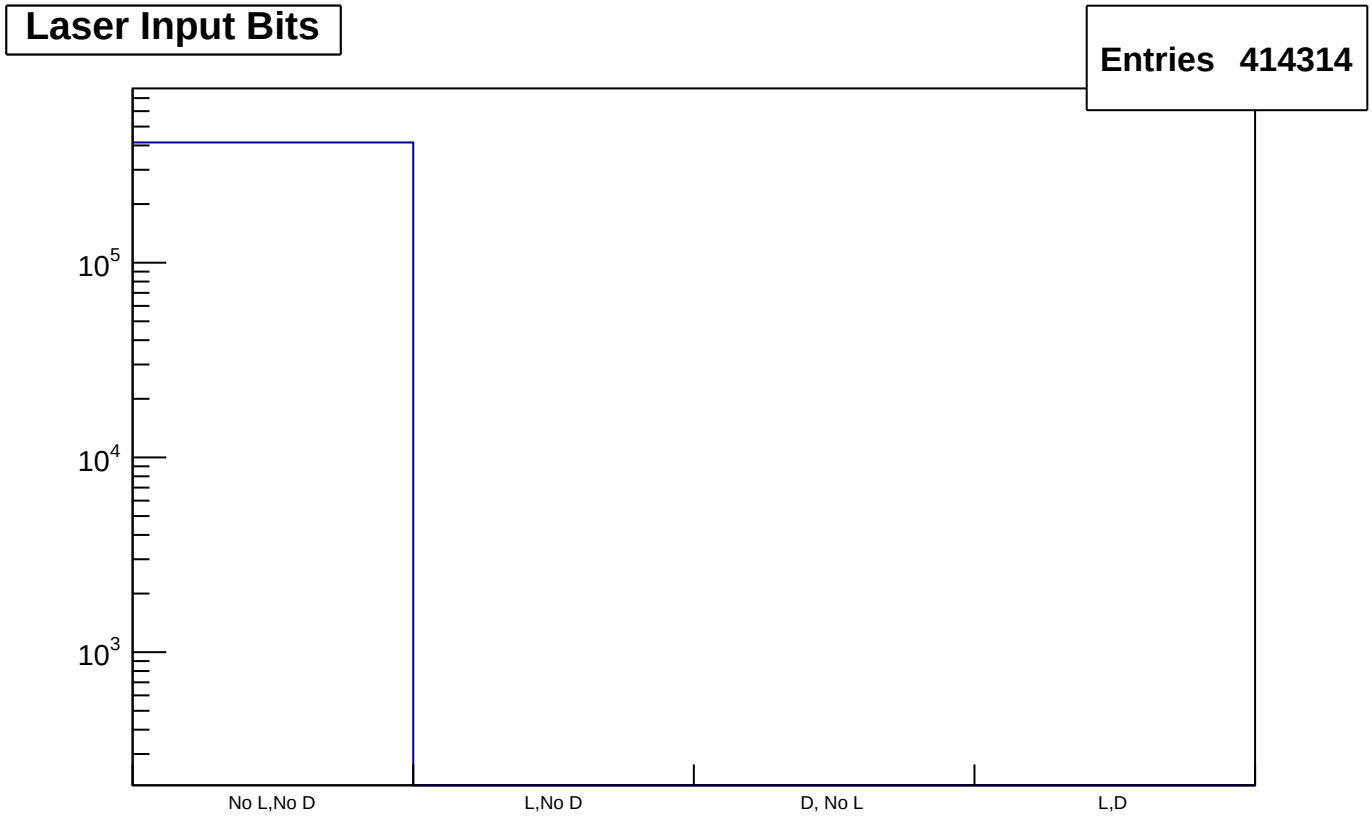

Entries 414314
TOF_Mult
VPD-West ADC Sum

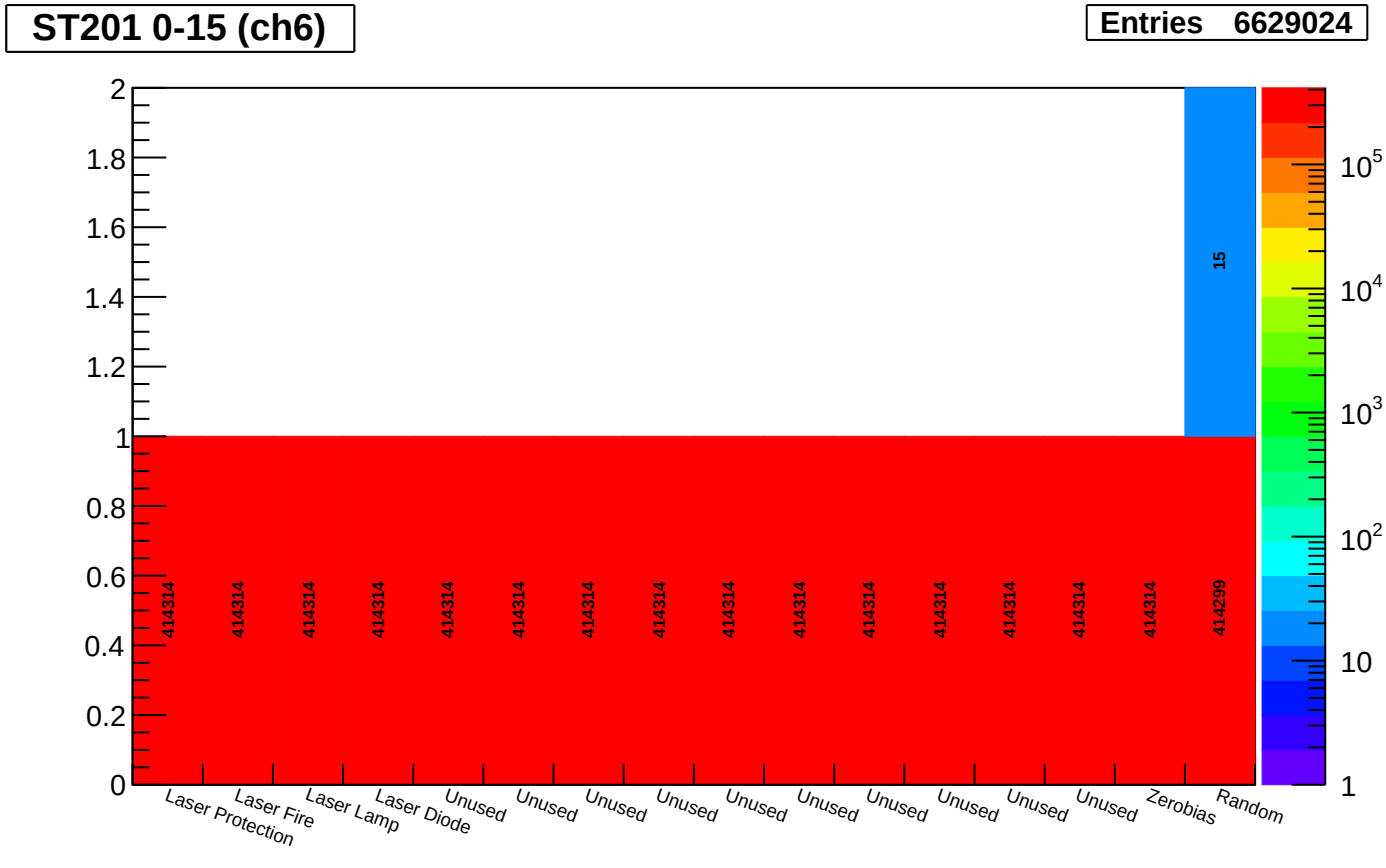

Entries 414314
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

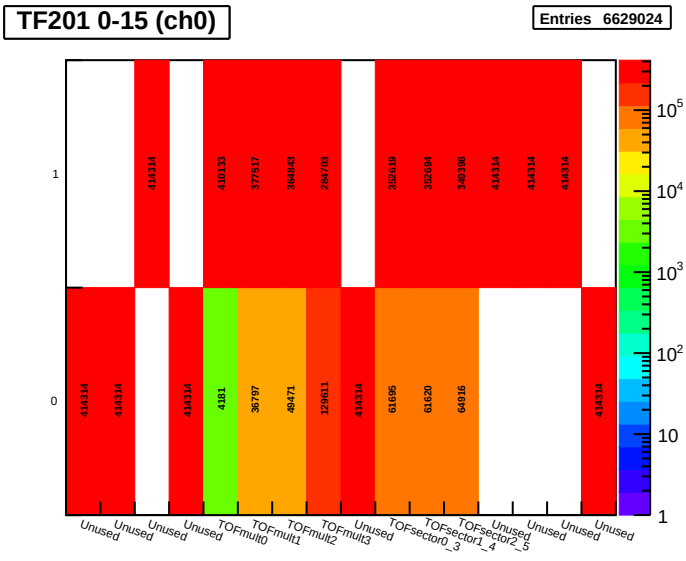

Entries 414314
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

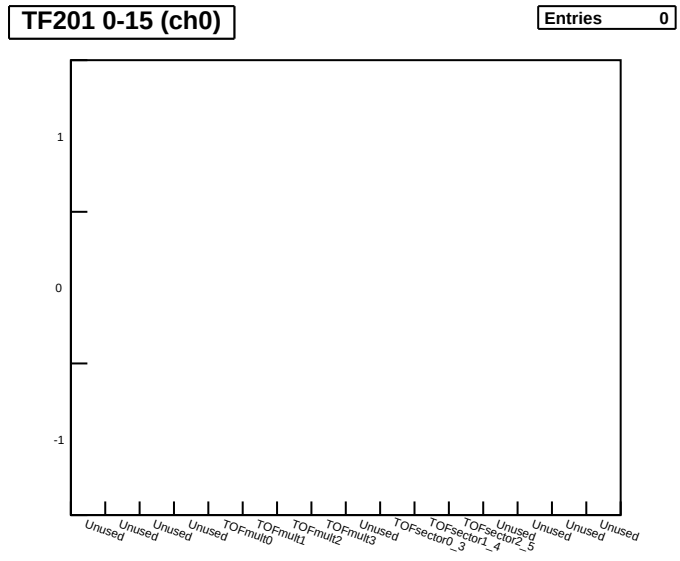

Entries 414314
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

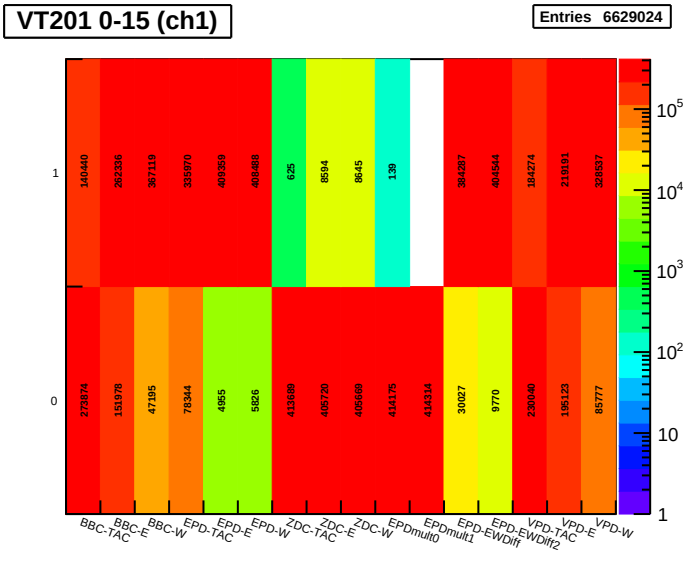

Entries 414314
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

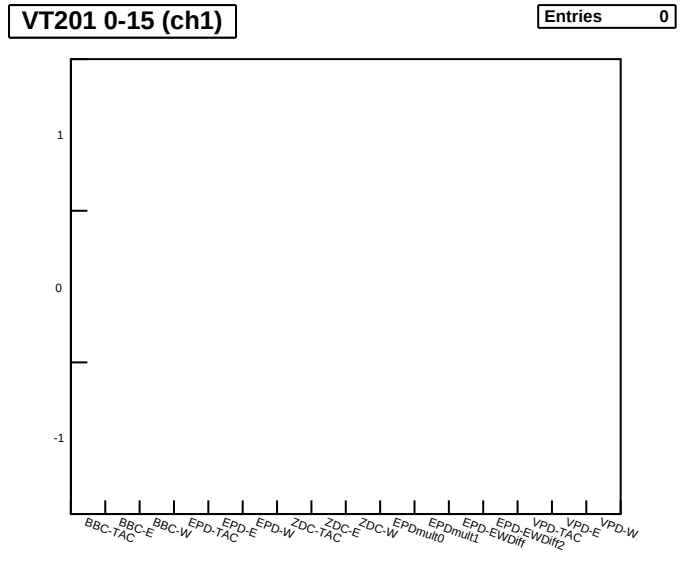

Laser Input Bits
Entries 414314
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

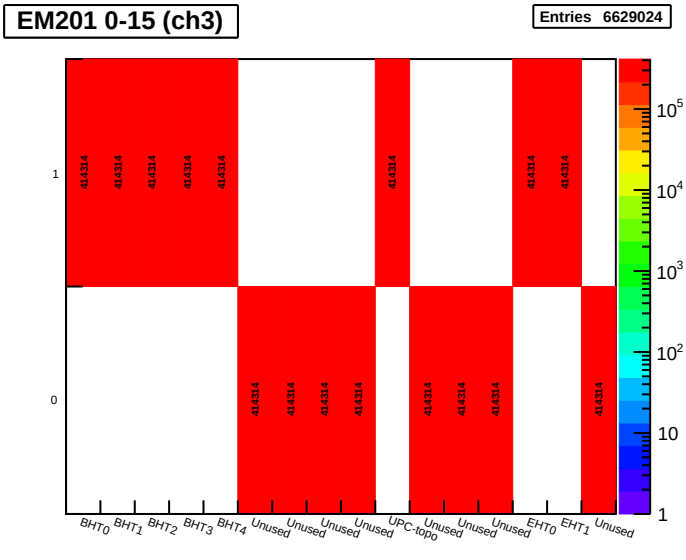

ST201 0-15 (ch6)
Entries 6629024
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
414314
414299
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

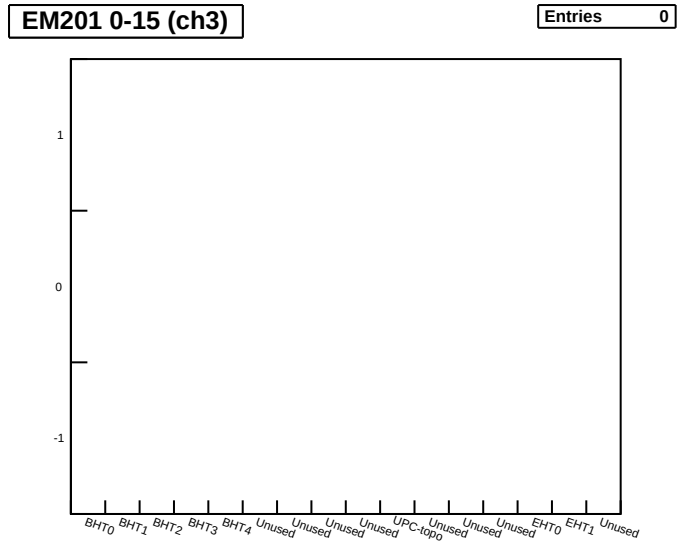

TF201 0-15 (ch0)
Entries 6629024
1
0
414314 414314 414314 414314 414314 414314 414314 414314 414314 414314 414314 414314 414314 414314 414314 414314
410133 377517 364843 294703 352619 352694 349398 414314 414314 414314
4181 36797 49471 129611 61695 61620 64916
Unused Unused Unused Unused TOFmult0 TOFmult1 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 6629024
1
0
140440 262336 367119 335970 409359 408488 625 8594 8645 139 384287 404544 184274 219191 328537
273874 151978 47195 78344 4955 5826 412689 409720 405669 414175 414314 30027 9770 230040 195123 85777
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 6629024
1
0
414314 414314 414314 414314 414314 414314 414314 414314 414314 414314
414314 414314 414314 414314 414314 414314 414314 414314
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