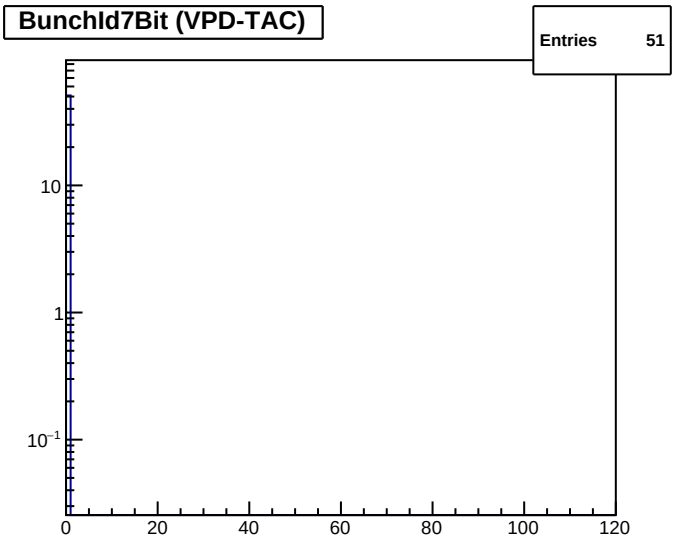
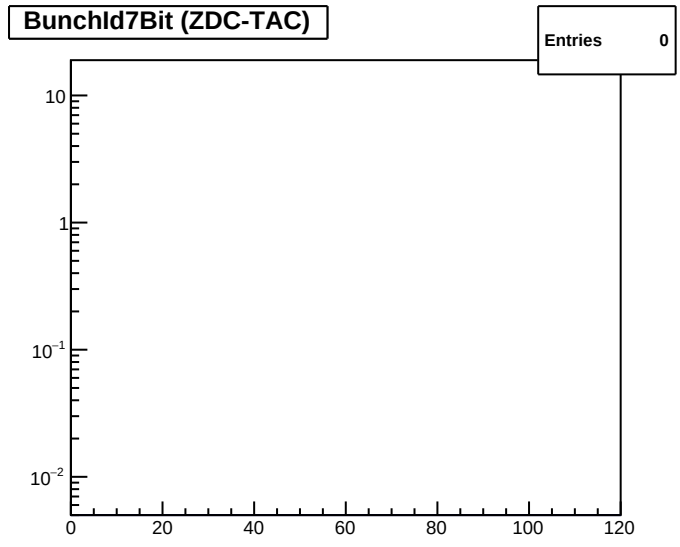
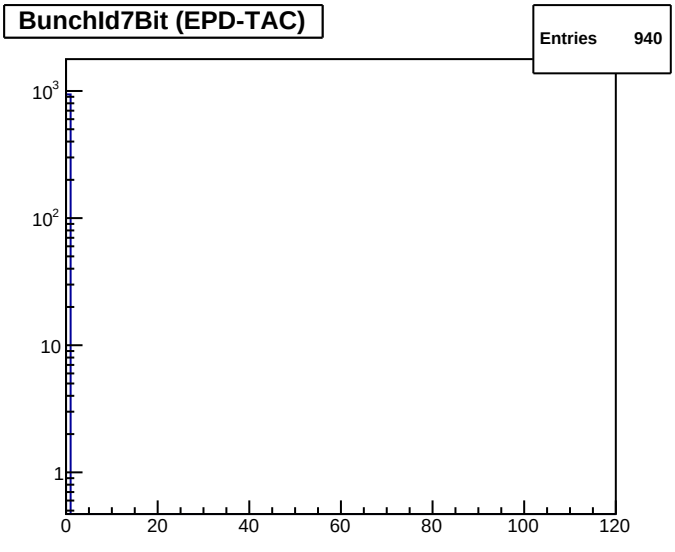
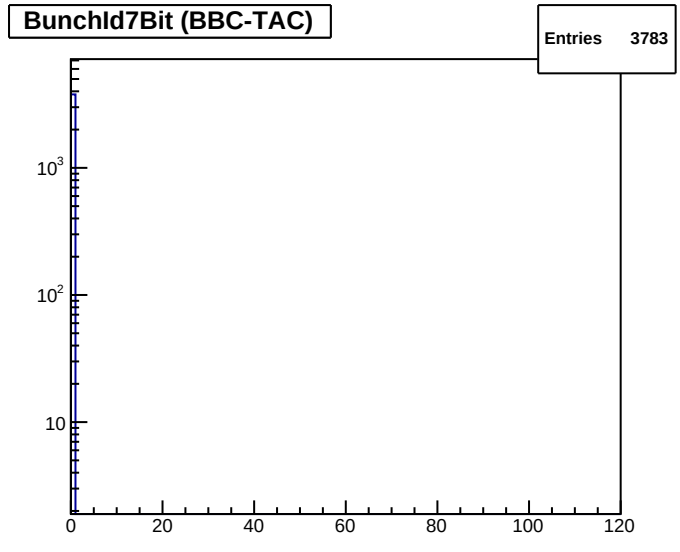
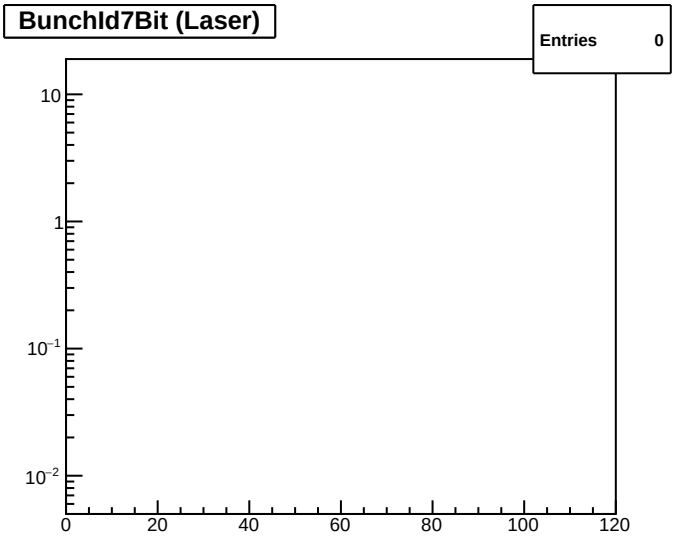
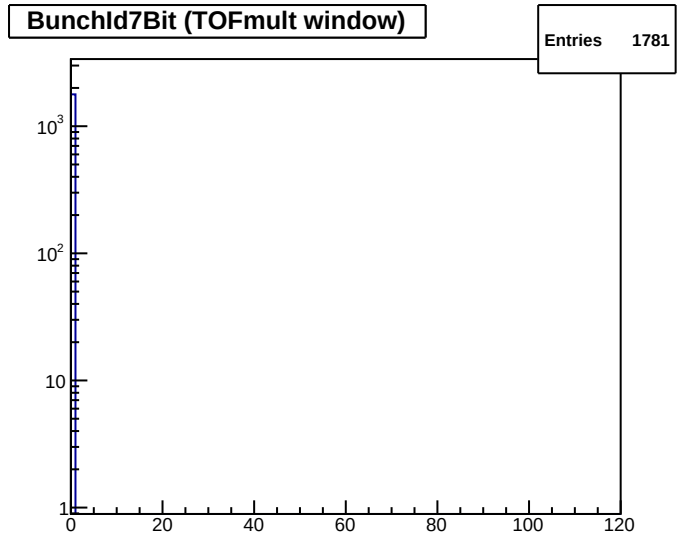

BunchId7Bit (VPD-TAC)
Entries 51

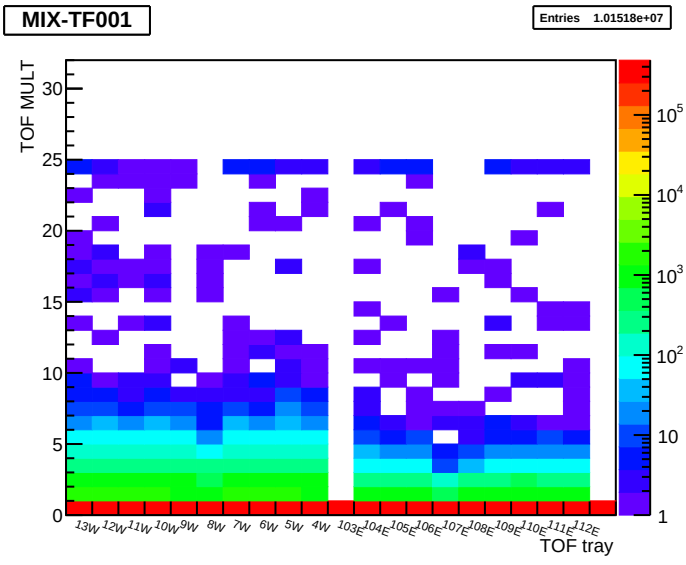

BunchId7Bit (ZDC-TAC)
Entries 0

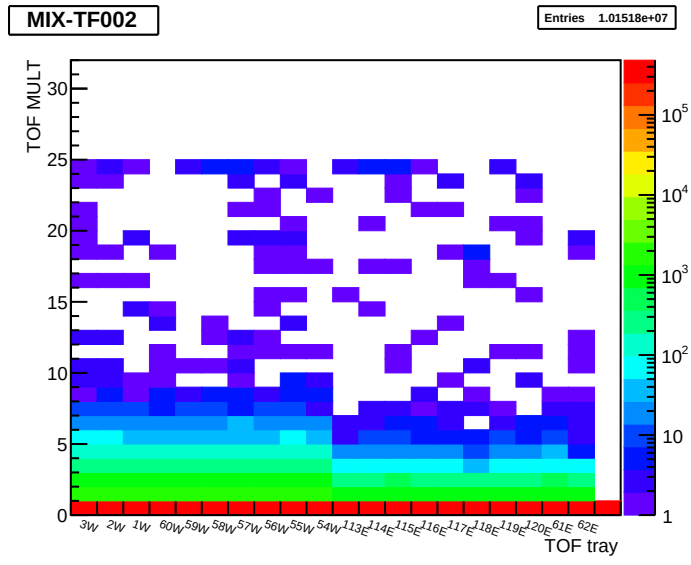

BunchId7Bit (EPD-TAC)
Entries 940

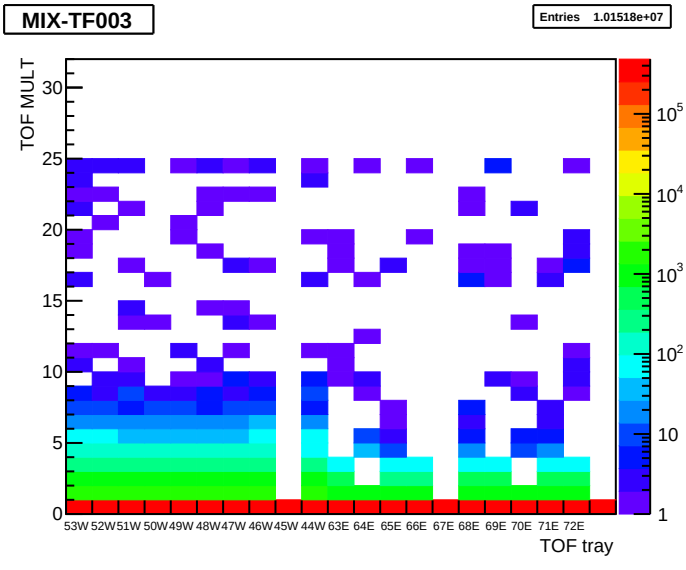

BunchId7Bit (BBC-TAC)
Entries 3783

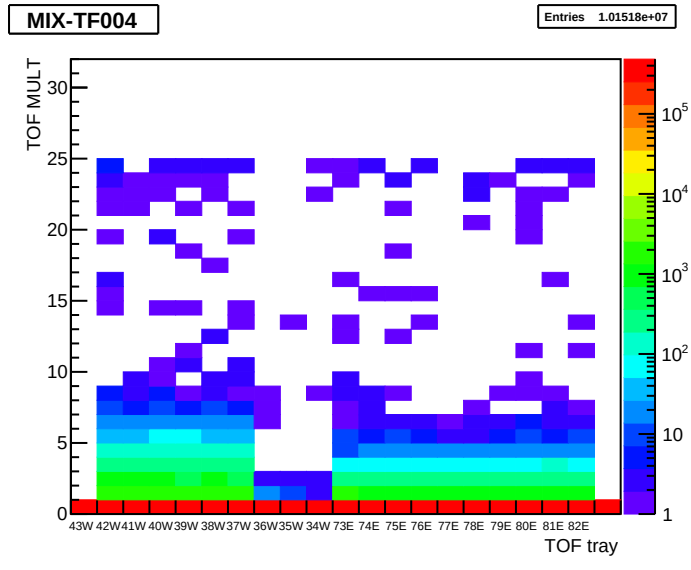

BunchId7Bit (Laser)
Entries 0

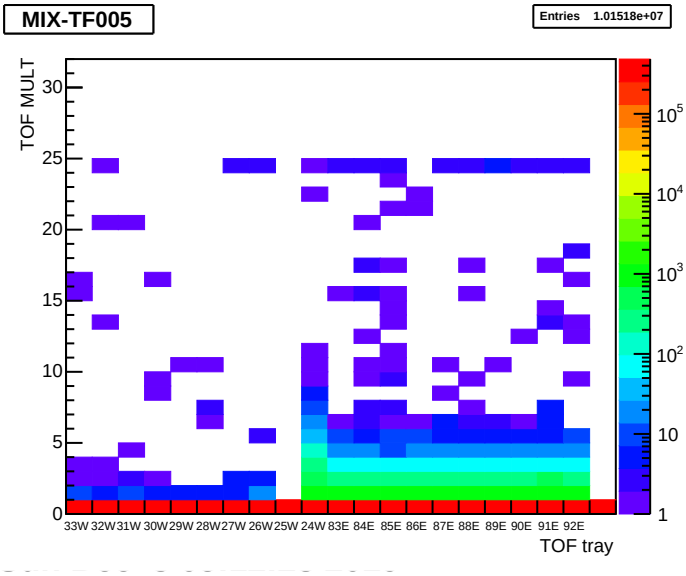

BunchId7Bit (TOFmult window)
Entries 1781

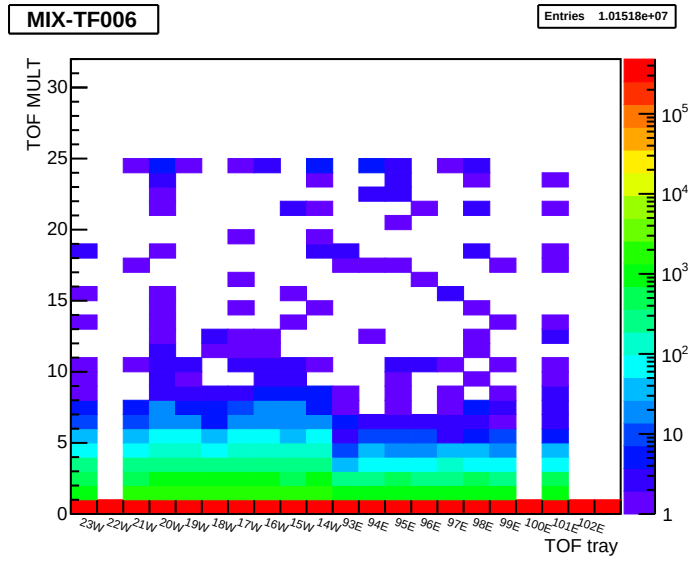

MIX-TF001
Entries 1.01518e+07
TOF MULT
TOF tray

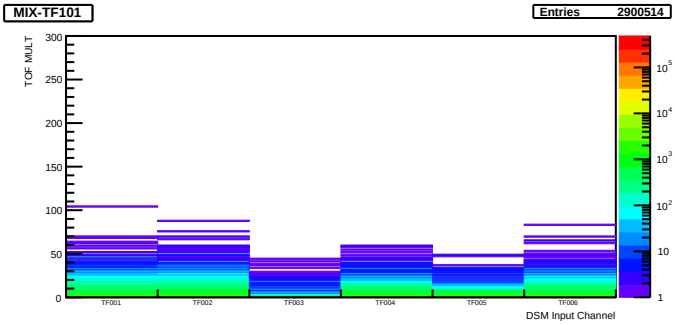

MIX-TF002
Entries 1.01518e+07
TOF MULT
TOF tray

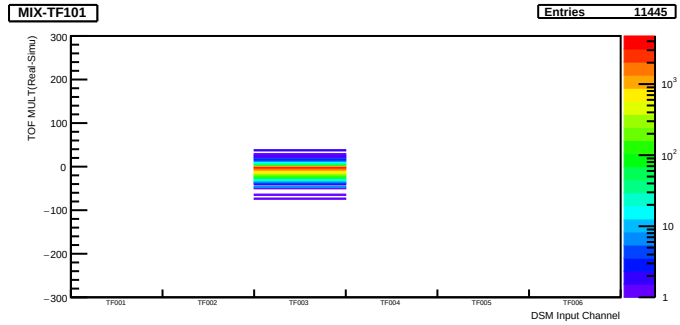

MIX-TF003
Entries 1.01518e+07
TOF MULT
TOF tray

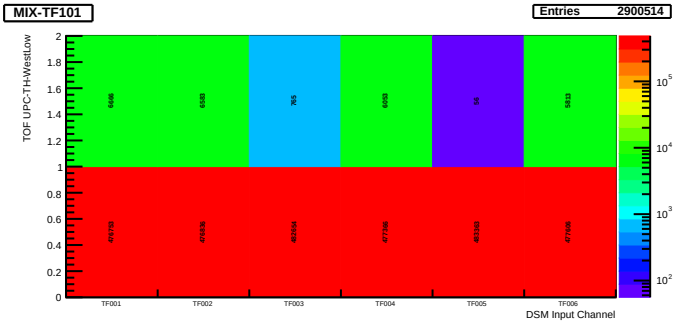

MIX-TF004
Entries 1.01518e+07
TOF MULT
TOF tray

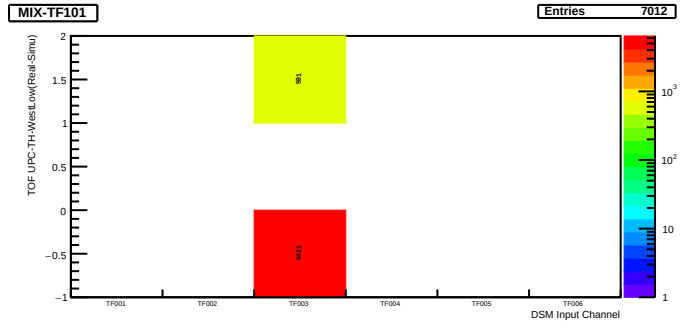

MIX-TF005
Entries 1.01518e+07
TOF MULT
TOF tray

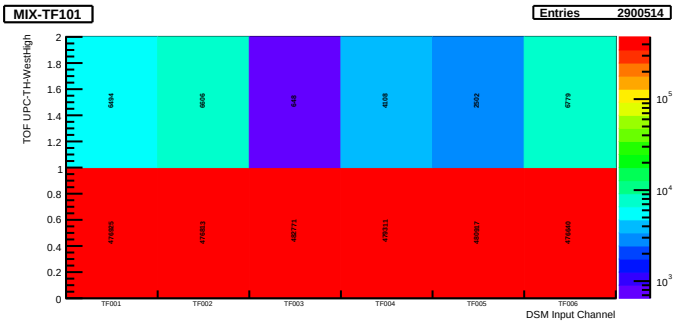

MIX-TF006
Entries 1.01518e+07
TOF MULT
TOF tray

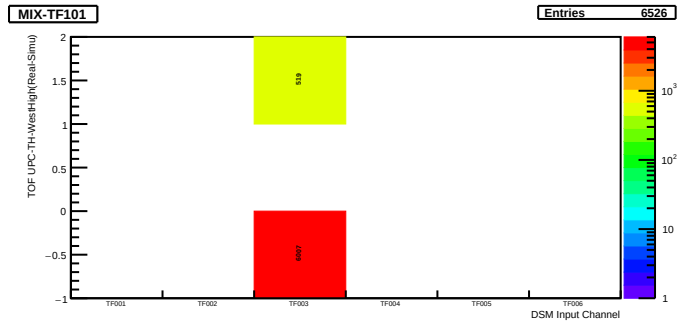

MIX-TF101
Entries 2900514
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

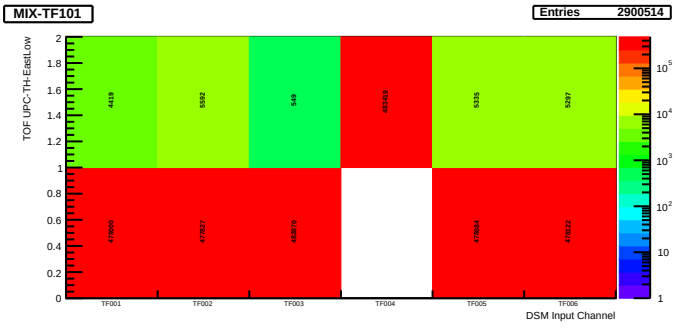

MIX-TF101
Entries 11445
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

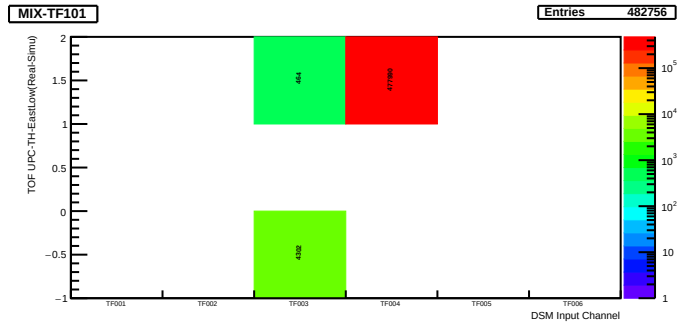

MIX-TF101
Entries 2900514
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

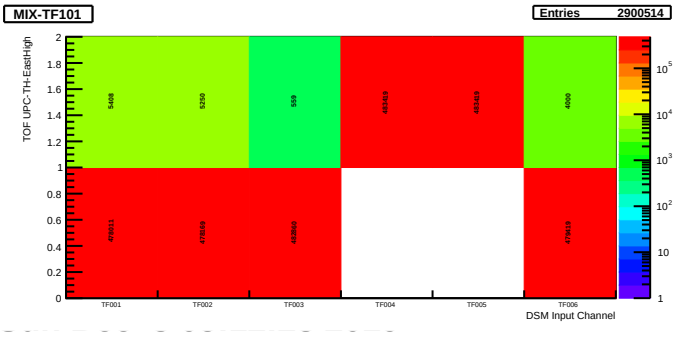

MIX-TF101
Entries 7012
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

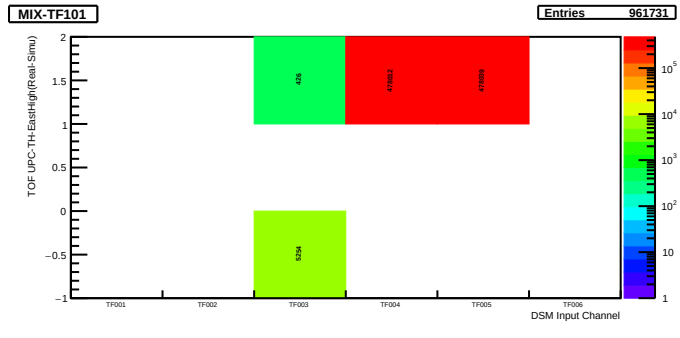

MIX-TF101
Entries 2900514
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

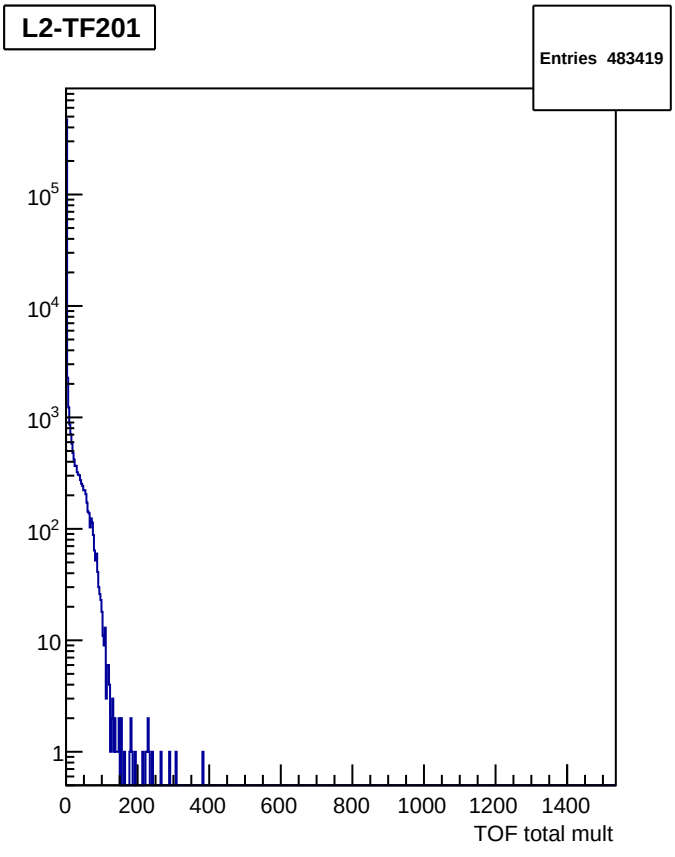

MIX-TF101
Entries 6526
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

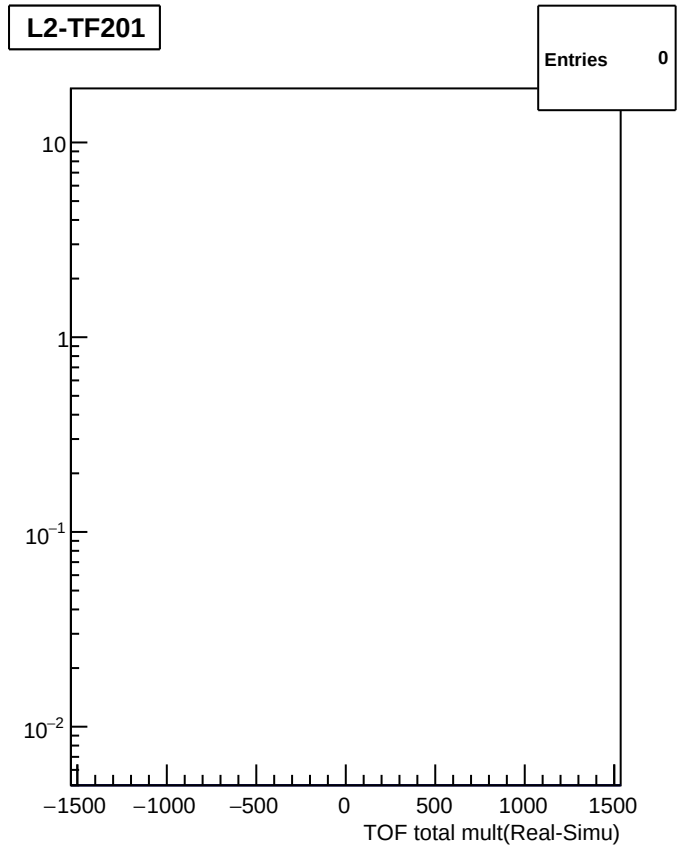

MIX-TF101
Entries 2900514
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

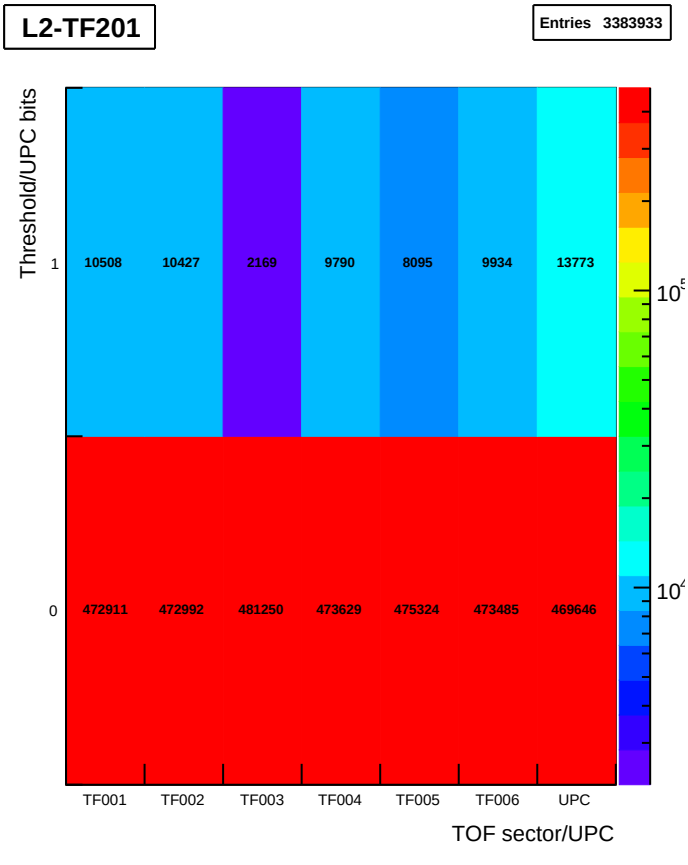

MIX-TF101
Entries 482756
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

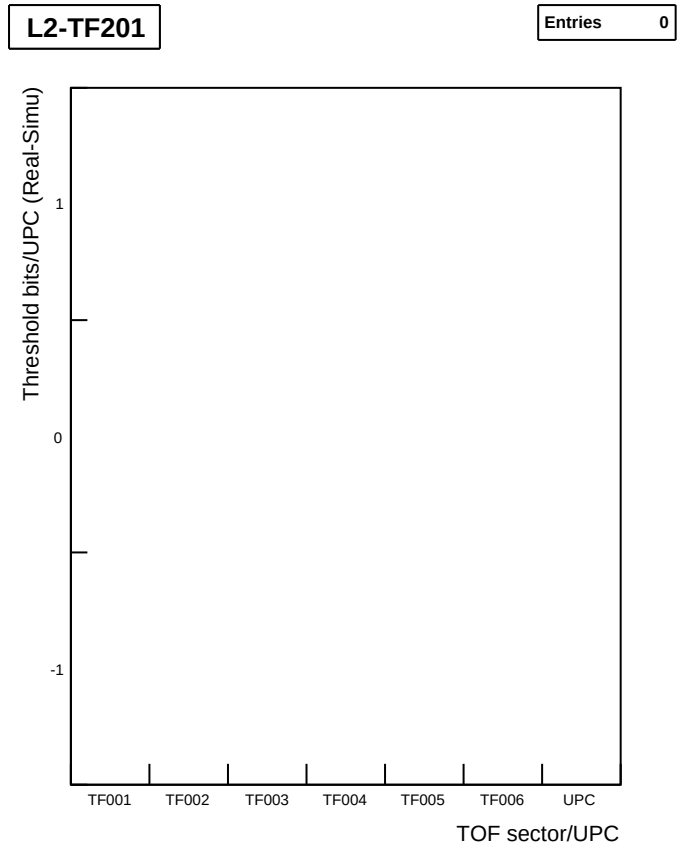

MIX-TF101
Entries 2900514
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

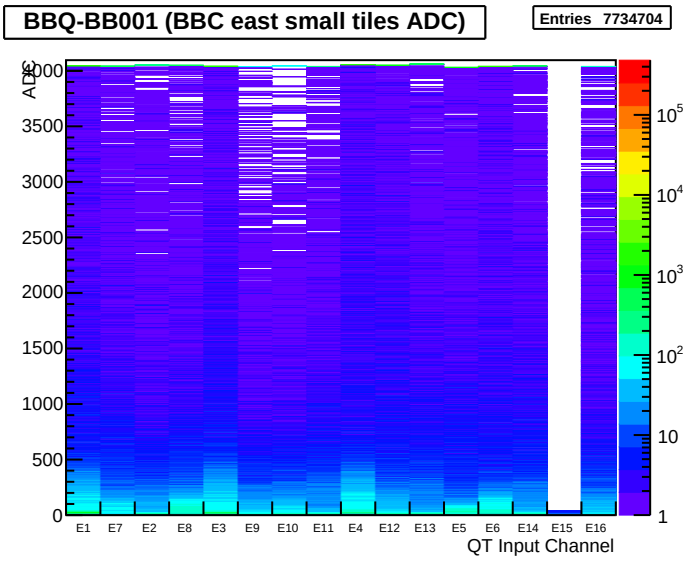

MIX-TF101
Entries 961731
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

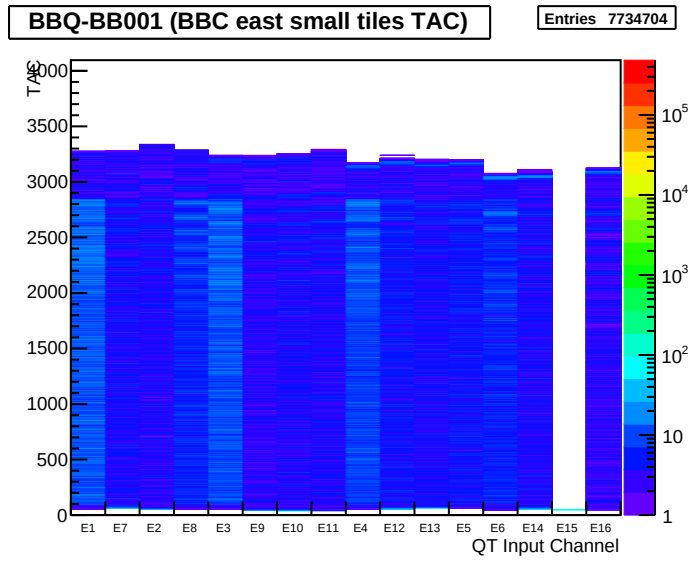

L2-TF201
Entries 483419
TOF total mult

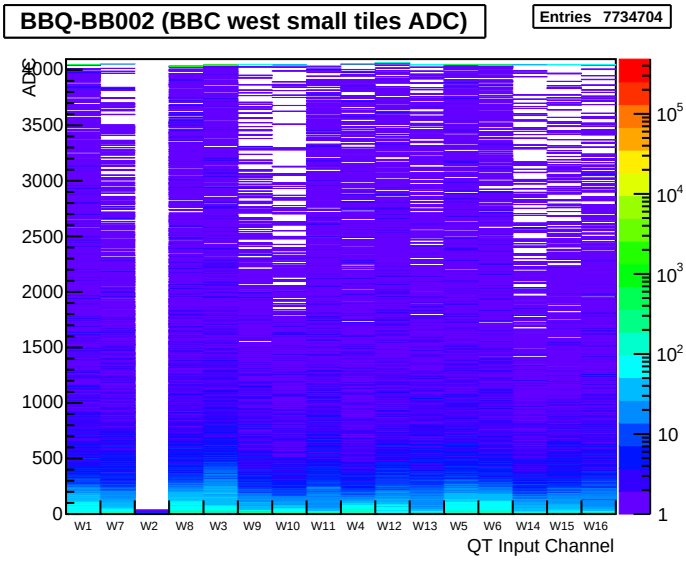

L2-TF201
Entries 0
TOF total mult(Real-Simu)

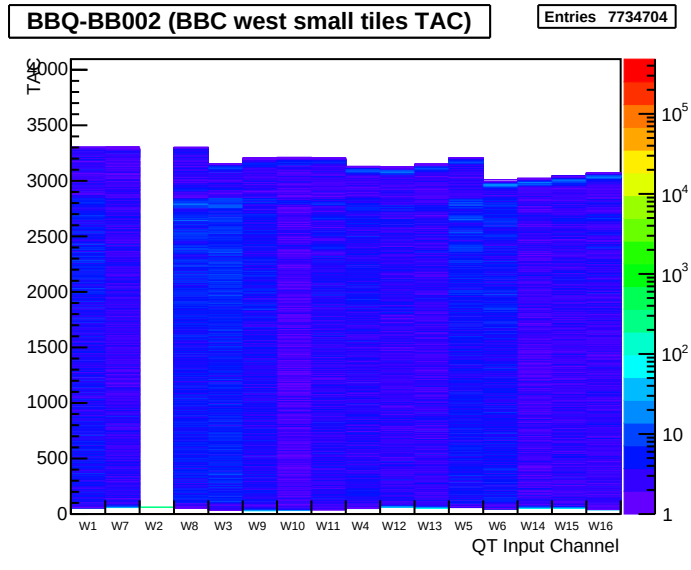

L2-TF201
Entries 3383933
Threshold/UPC bits
10508
10427
2169
9790
8095
9934
13773
472911
472992
481250
473629
475324
473485
469646
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

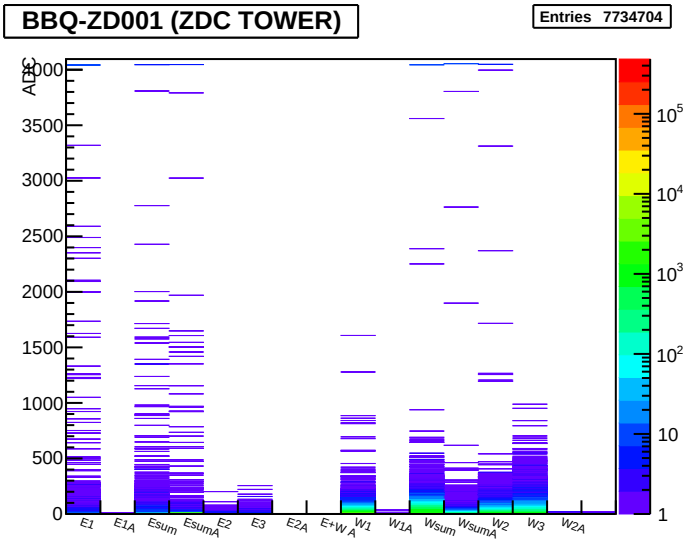

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

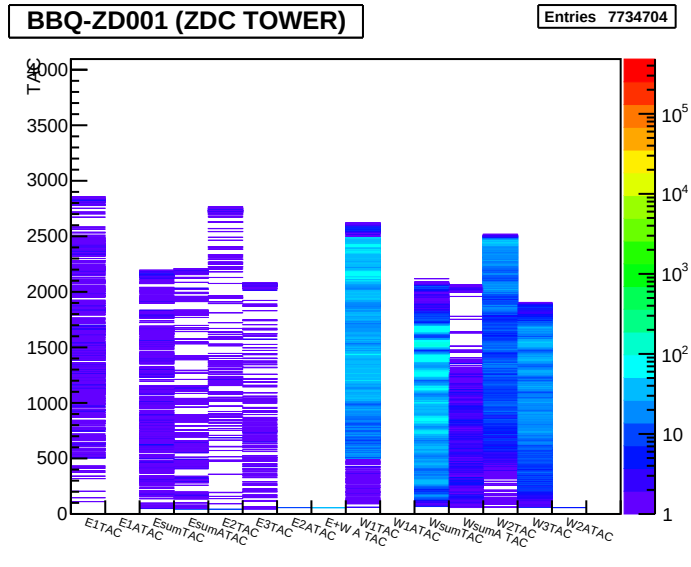

BBQ-BB001 (BBC east small tiles ADC)
Entries 7734704
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

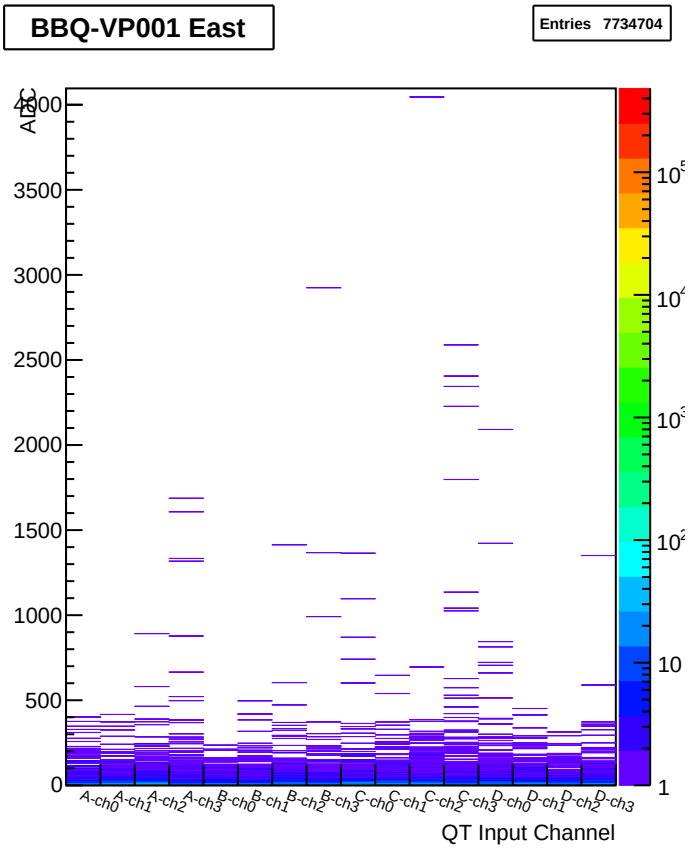

BBQ-BB001 (BBC east small tiles TAC)
Entries 7734704
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

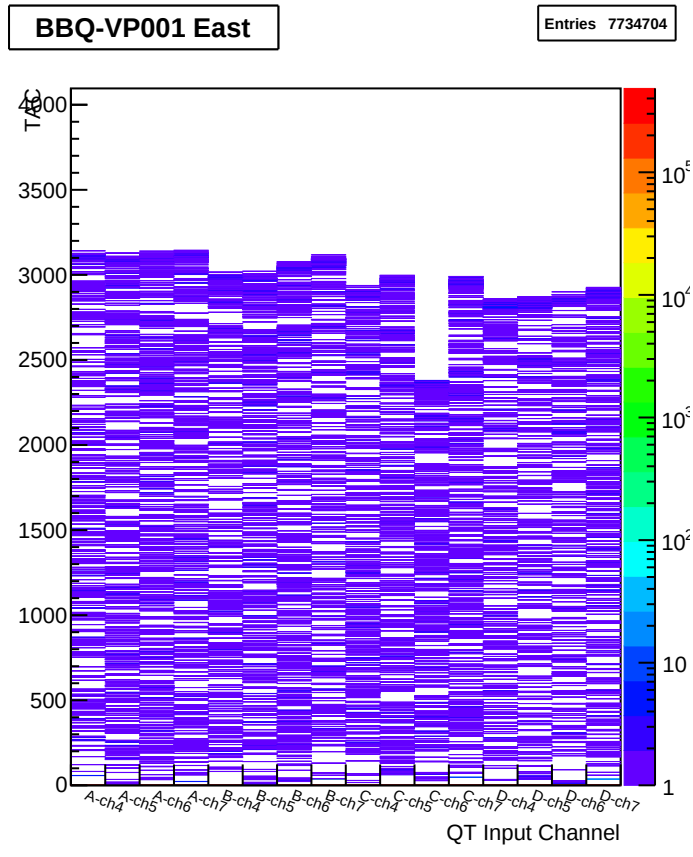

BBQ-BB002 (BBC west small tiles ADC)
Entries 7734704
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

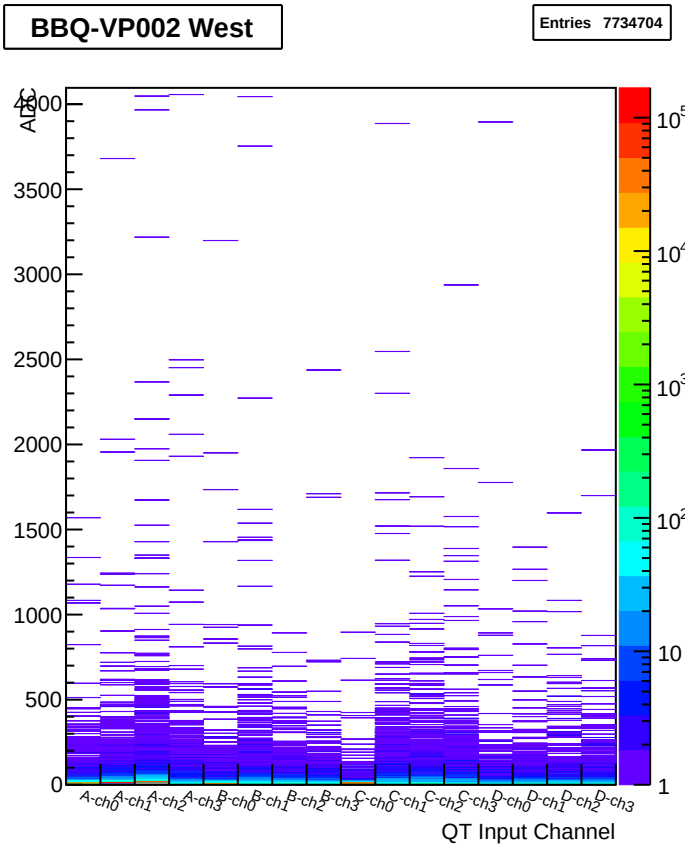

BBQ-BB002 (BBC west small tiles TAC)
Entries 7734704
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

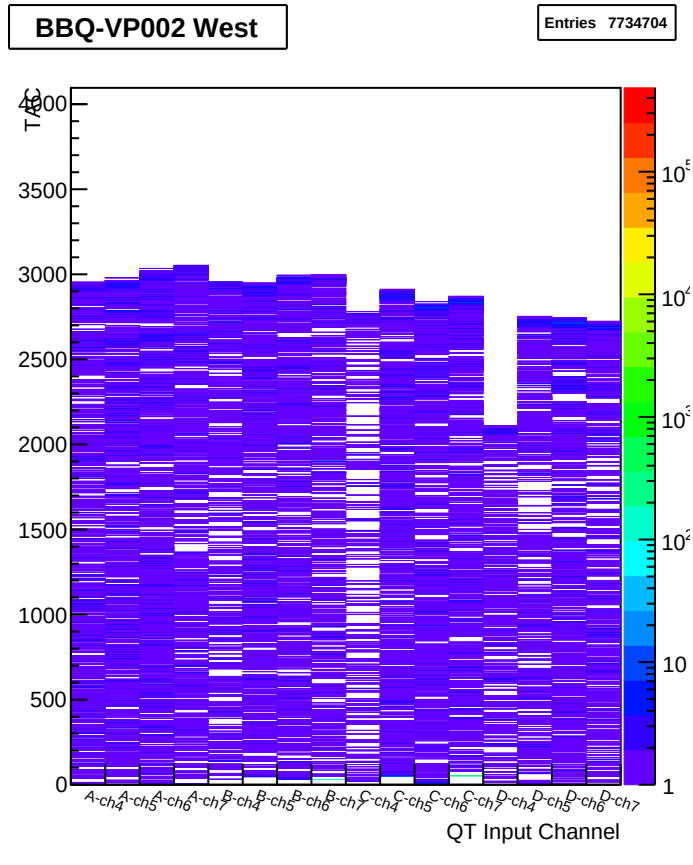

BBQ-ZD001 (ZDC TOWER)
Entries 7734704
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

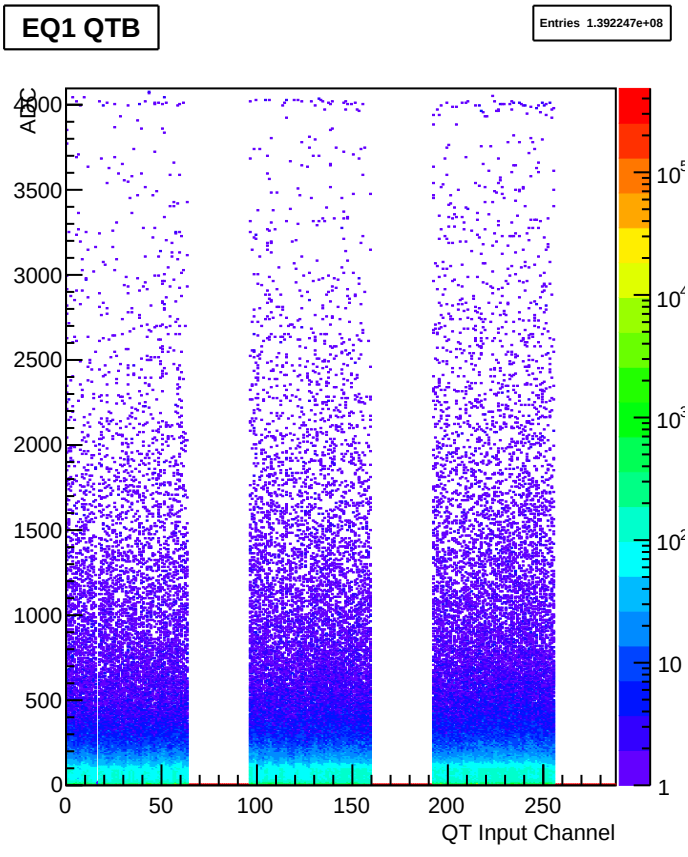

BBQ-ZD001 (ZDC TOWER)
Entries 7734704
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

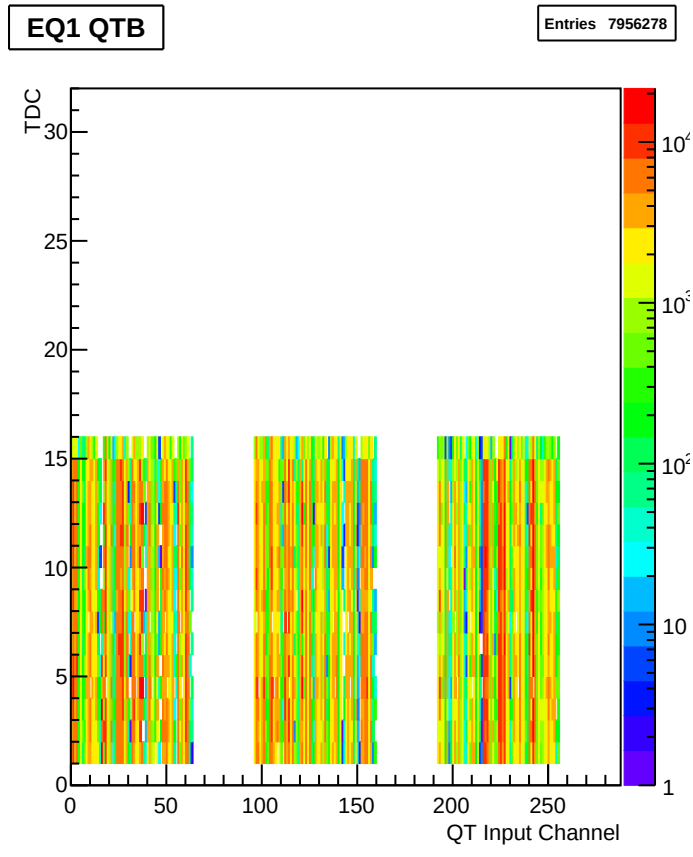

BBQ-VP001 East
Entries 7734704
ADC
QT Input Channel

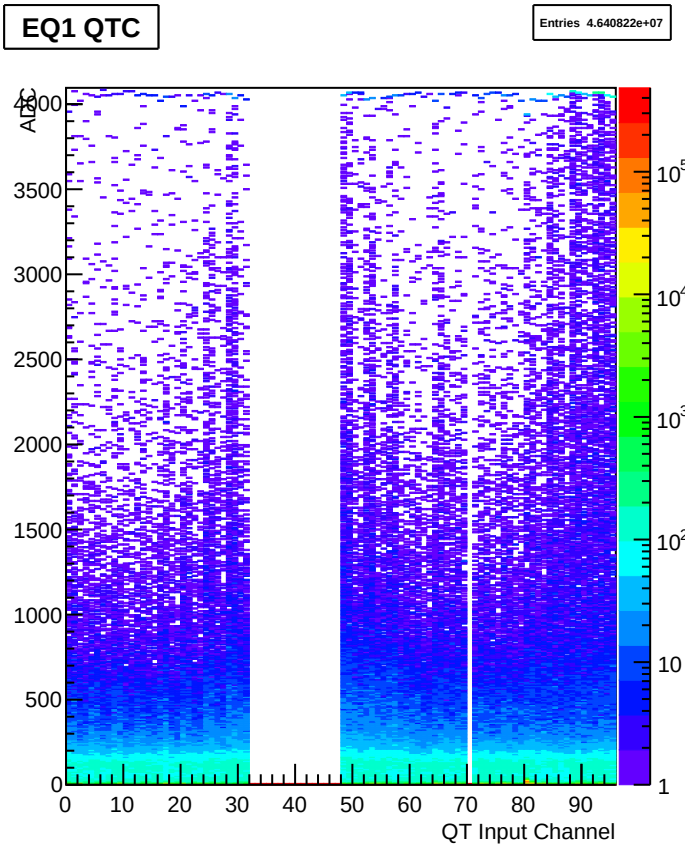

BBQ-VP001 East
Entries 7734704
TADC
QT Input Channel

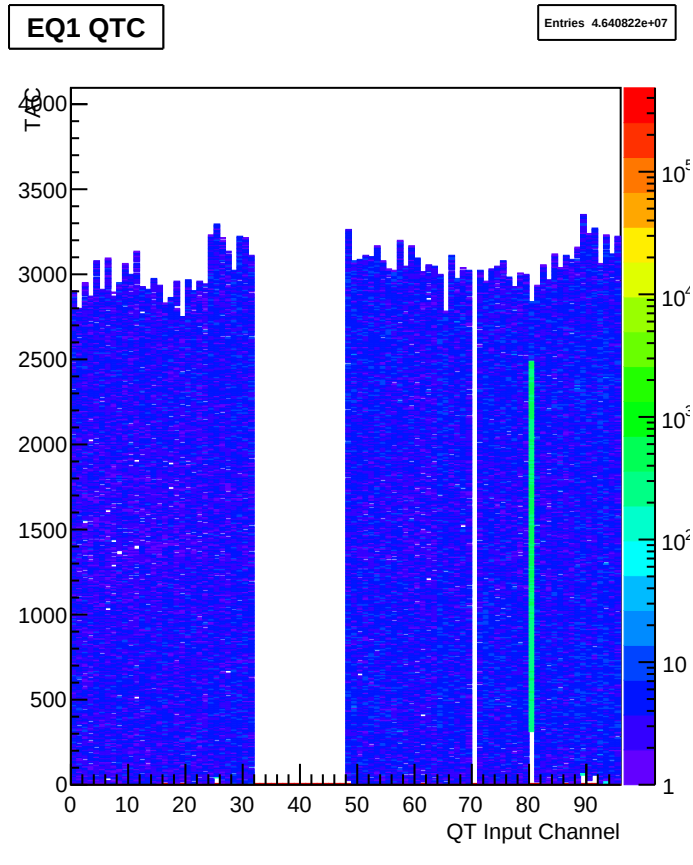

BBQ-VP002 West
Entries 7734704
ADC
QT Input Channel

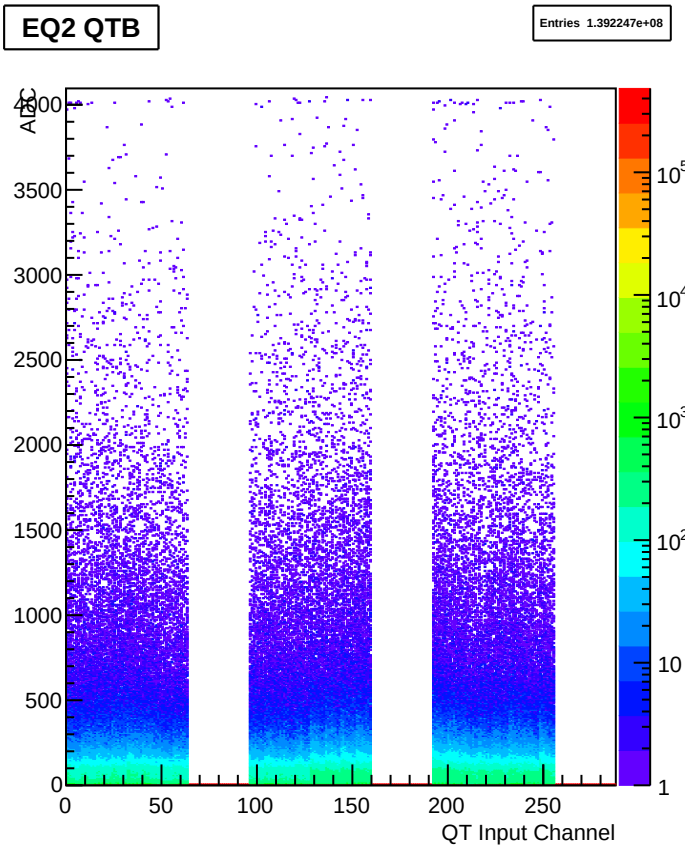

BBQ-VP002 West
Entries 7734704
TADC
QT Input Channel

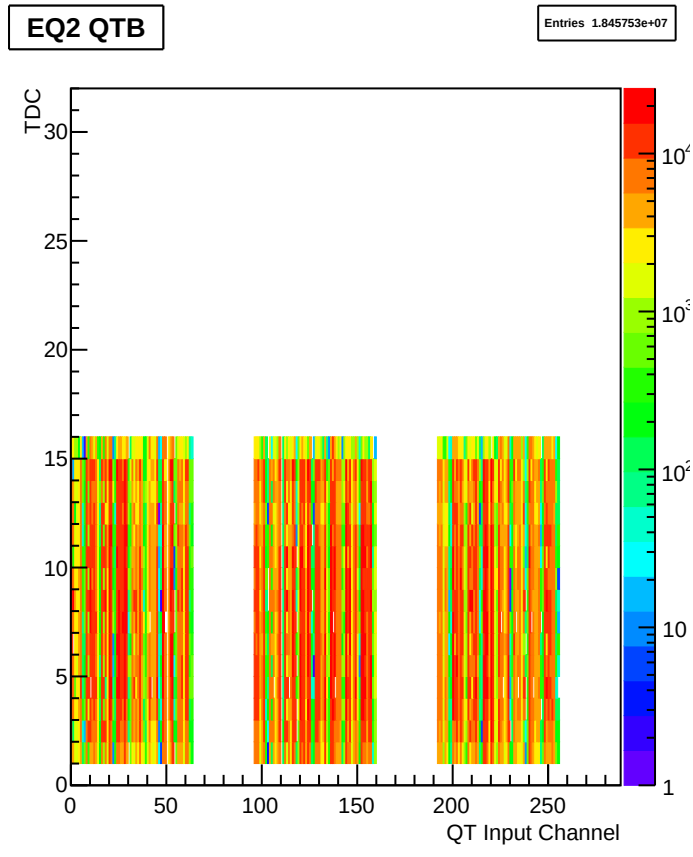

EQ1 QTB
Entries 1.392247e+08
ADC
QT Input Channel

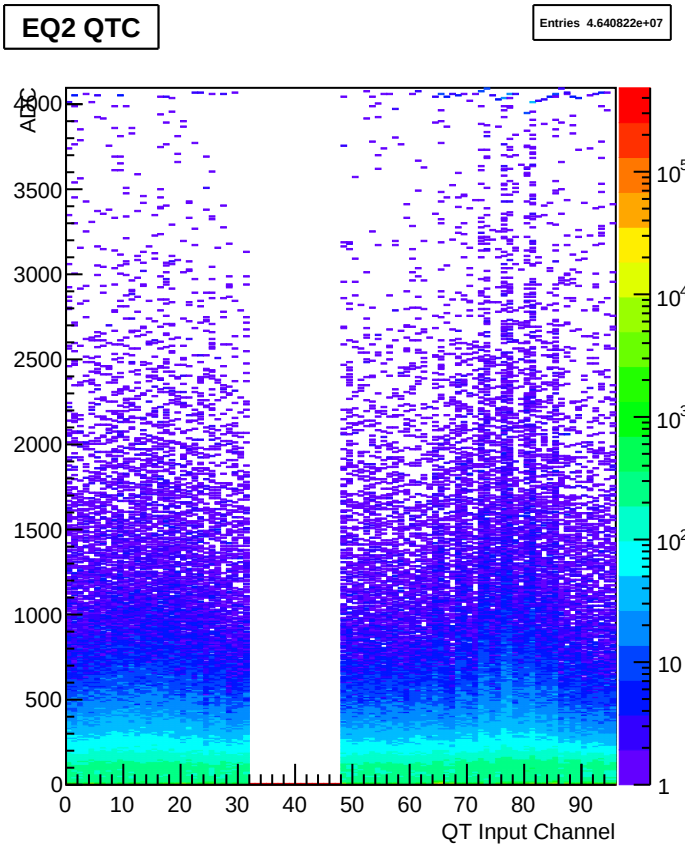

EQ1 QTB
Entries 7956278
TDC
QT Input Channel

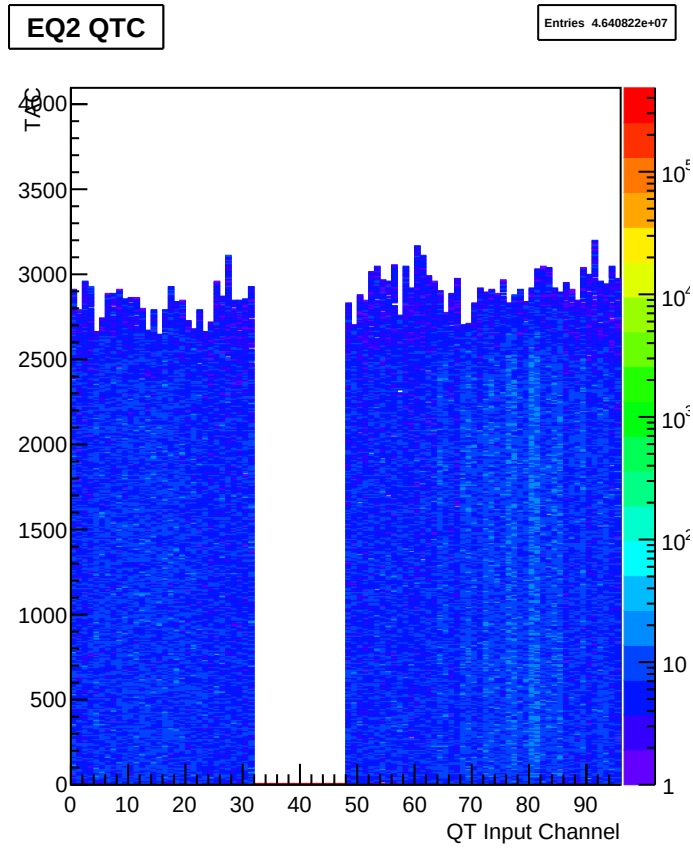

EQ1 QTC
Entries 4.640822e+07
ADC
QT Input Channel

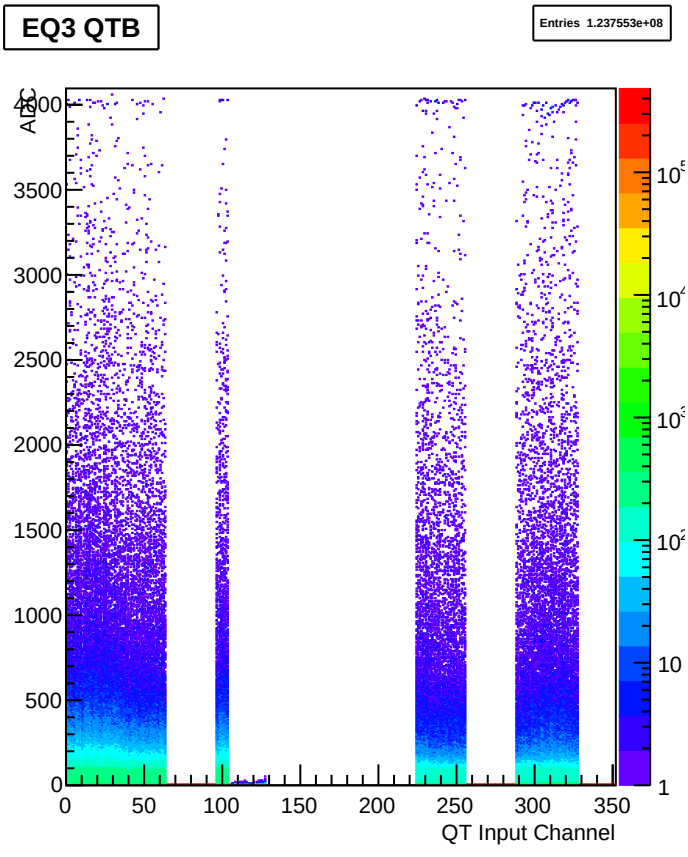

EQ1 QTC
Entries 4.640822e+07
TADC
QT Input Channel

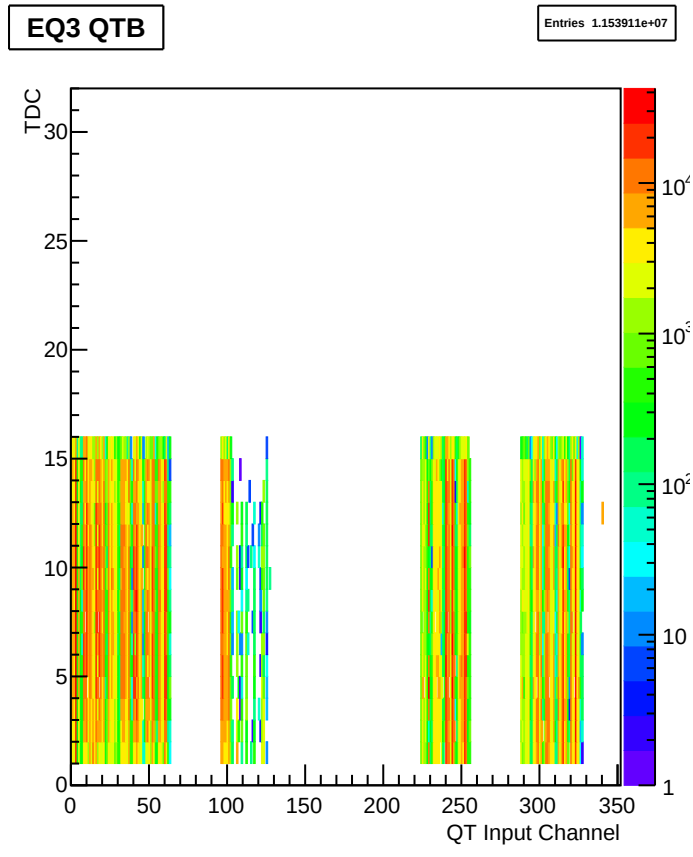

EQ2 QTB
Entries 1.392247e+08
ADC
QT Input Channel

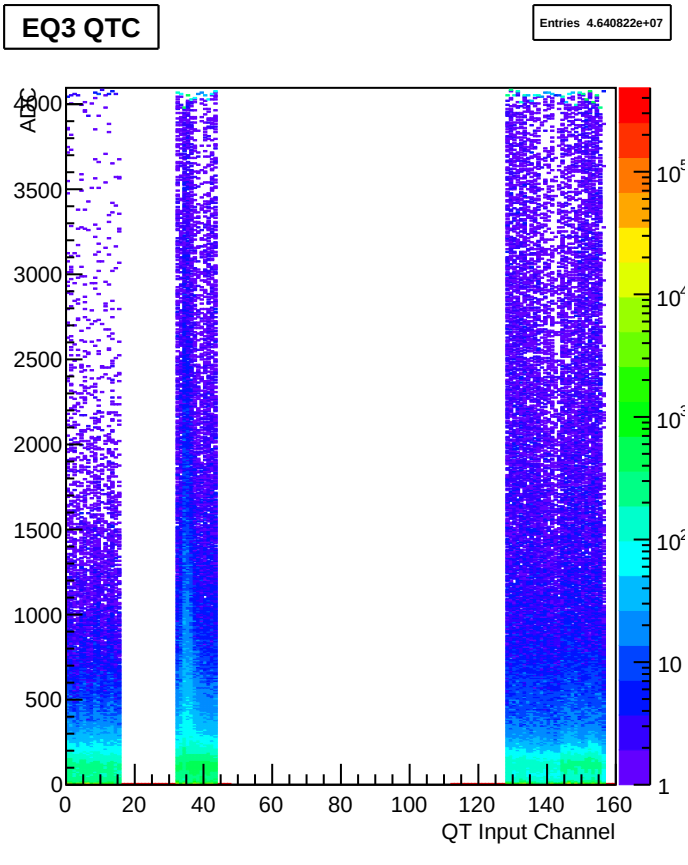

EQ2 QTB
Entries 1.845753e+07
TDC
QT Input Channel

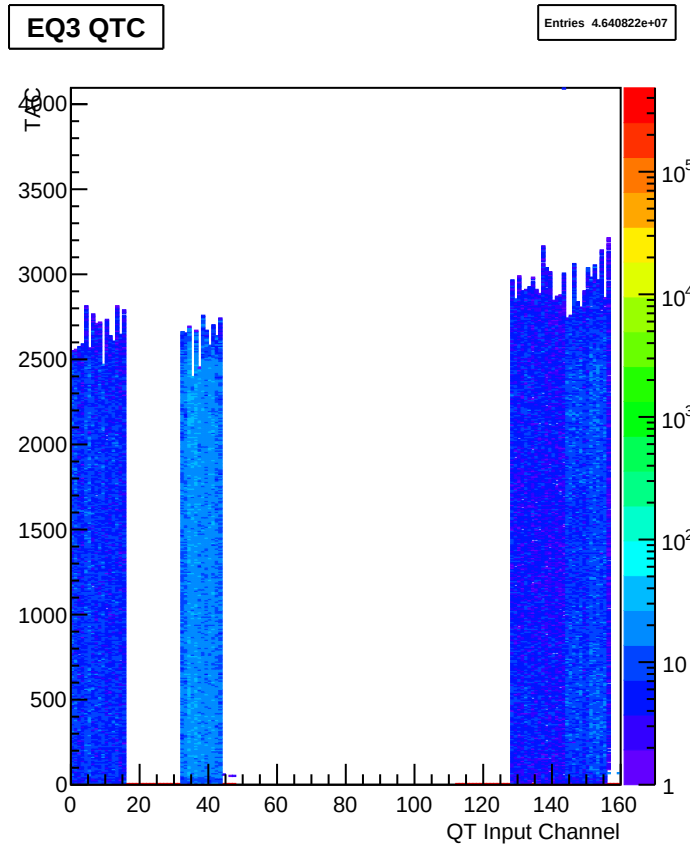

EQ2 QTC
Entries 4.640822e+07
ADC
QT Input Channel

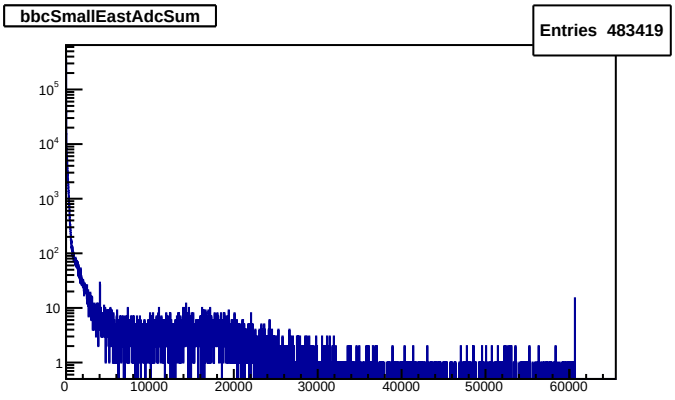

EQ2 QTC
Entries 4.640822e+07
TADC
QT Input Channel

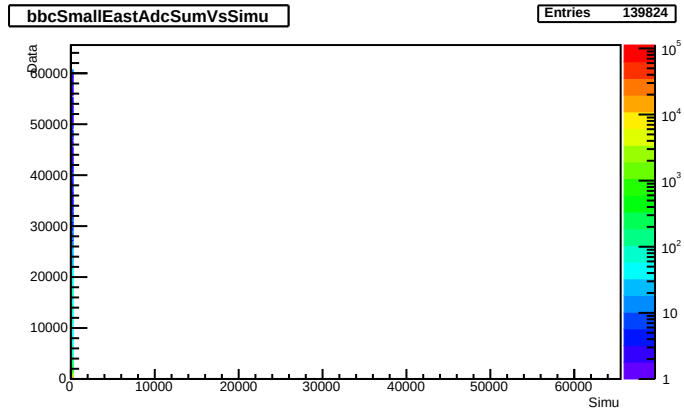

EQ3 QTB
Entries 1.237553e+08
ADC
QT Input Channel

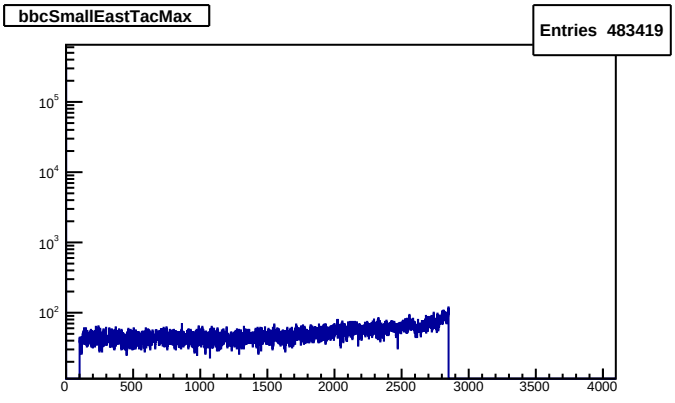

EQ3 QTB
Entries 1.153911e+07
TDC
QT Input Channel

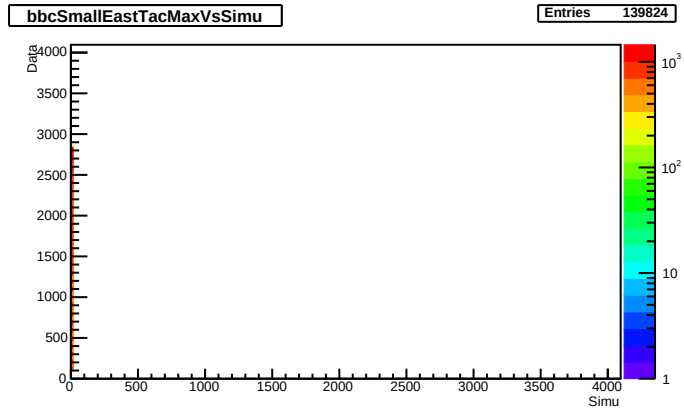

EQ3 QTC
Entries 4.640822e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.640822e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 483419


bbcSmallEastAdcSumVsSimu
Entries 139824
Data
Simu


bbcSmallEastTacMax
Entries 483419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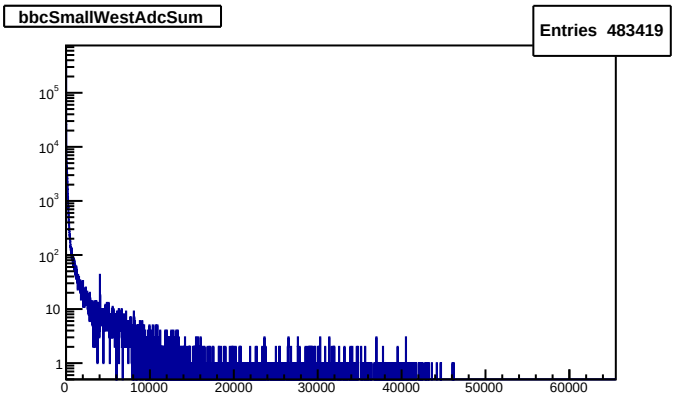
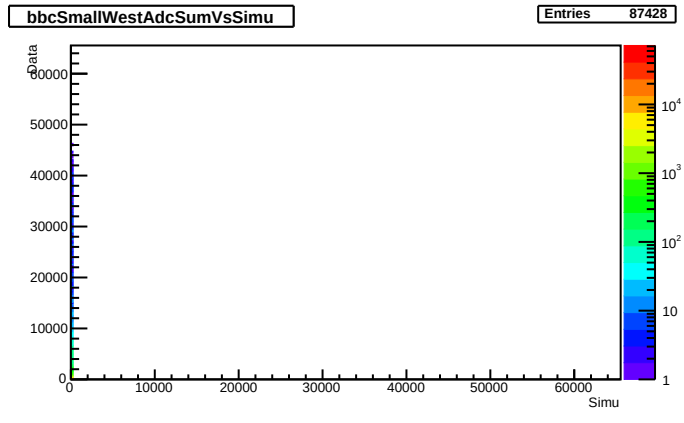
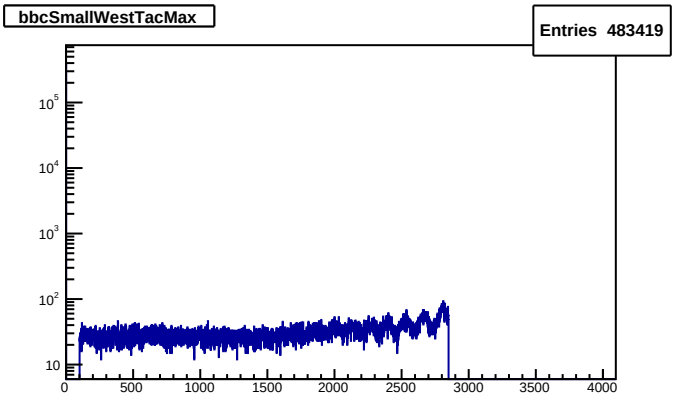
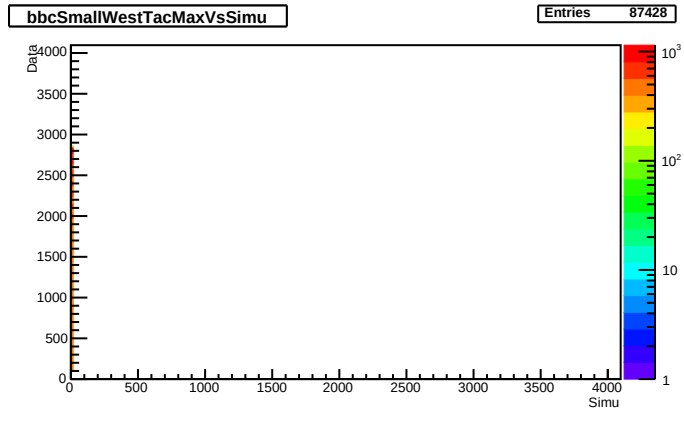
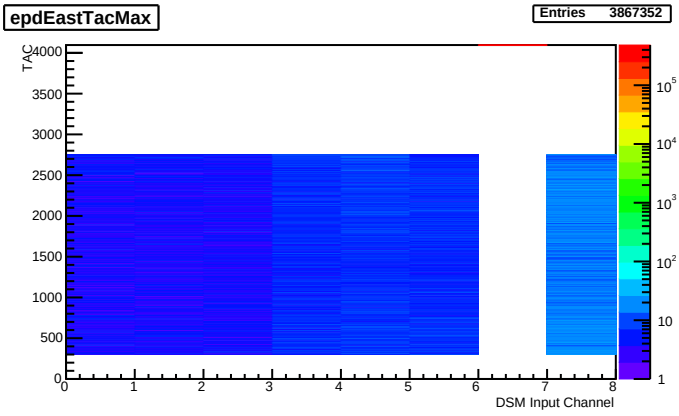
Entries 139824
Data
Simu

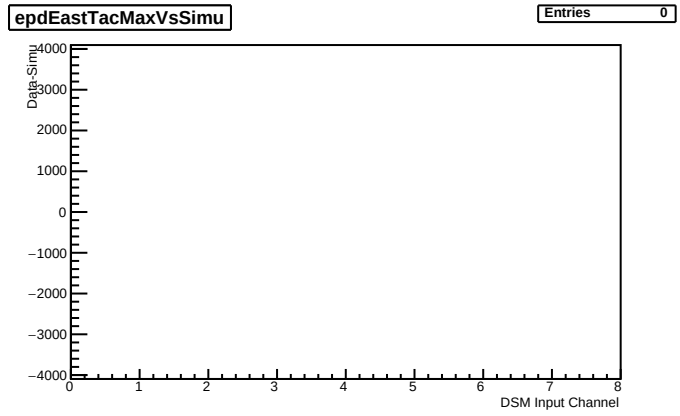

bbcSmallWestAdcSum
Entries 483419


bbcSmallWestAdcSumVsSimu
Entries 87428
Data
Simu


bbcSmallWestTacMax
Entries 483419


bbcSmallWestTacMaxVsSimu
Entries 87428
Data
Simu


epdEastTacMax
Entries 3867352
TAC
DSM Input Channel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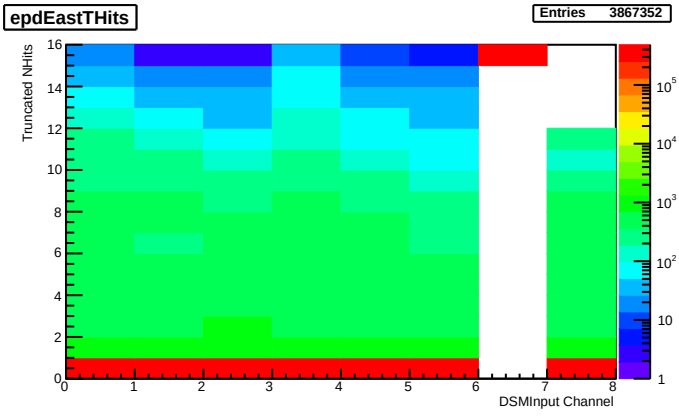
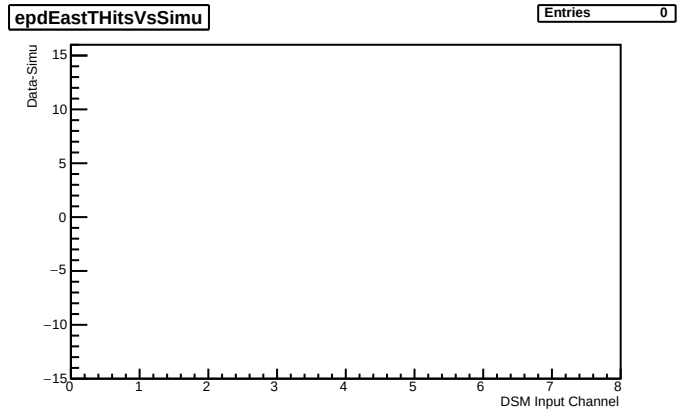
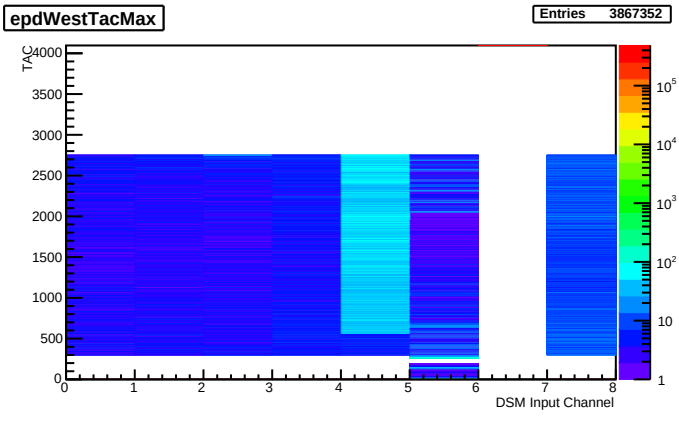
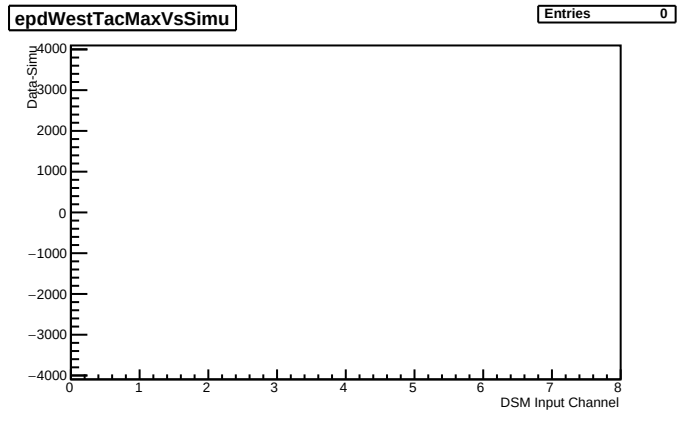
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3867352
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3867352
TAC
DSM Input Channel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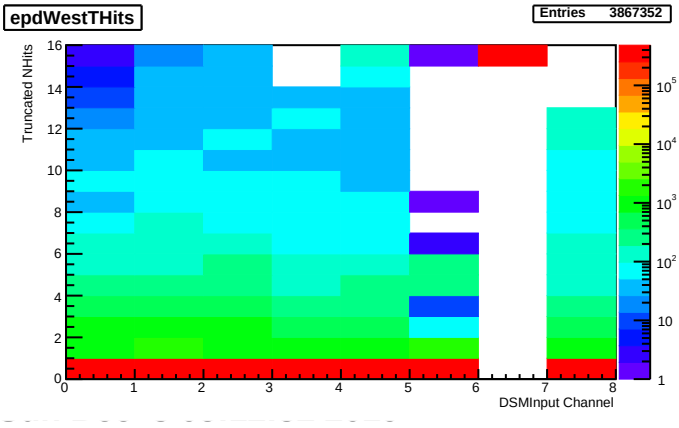
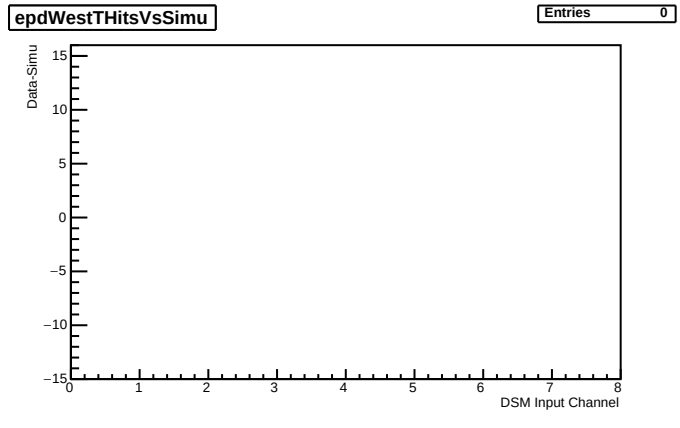
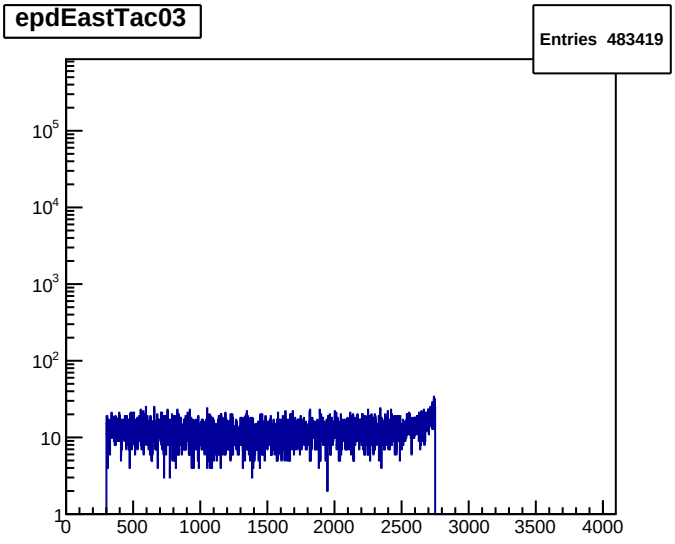
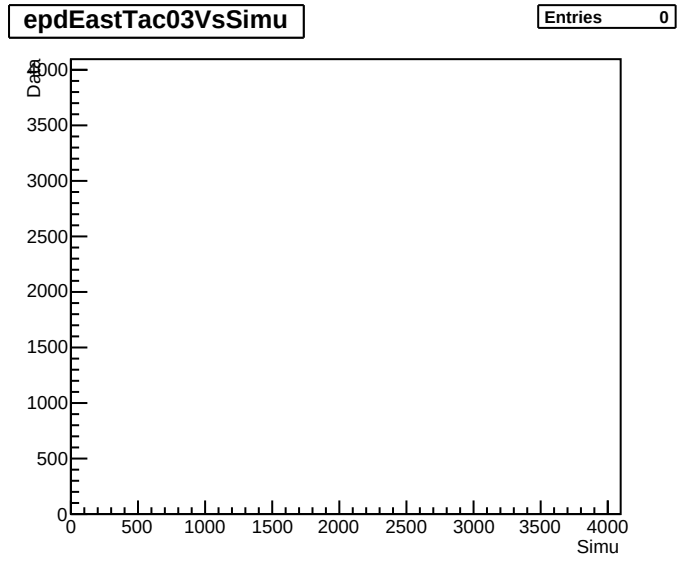
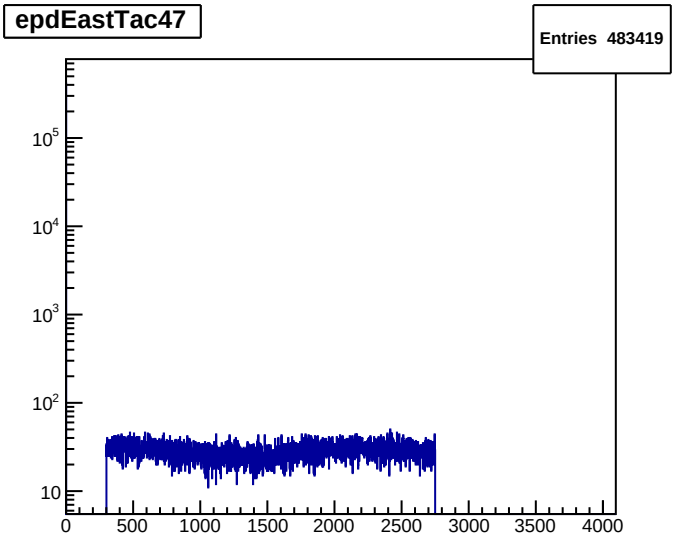
Entries 0
Data-Simu
DSM Input Channel

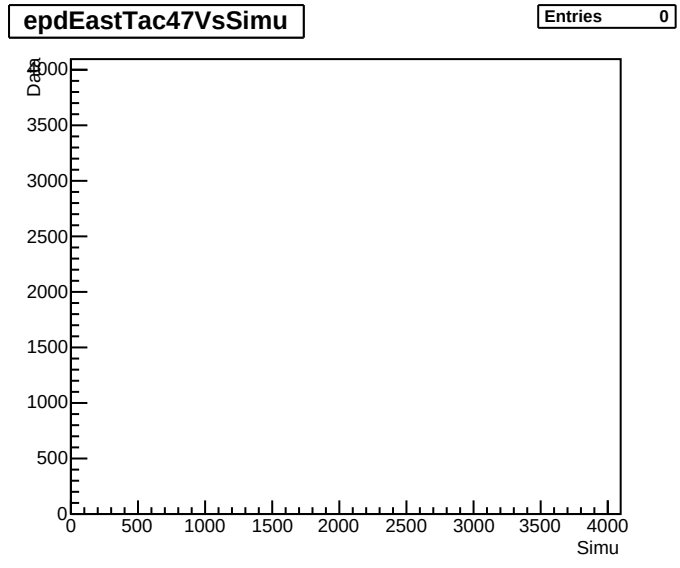

epdWestTHits
Entries 3867352
Truncated NHits
DSMInput Channel

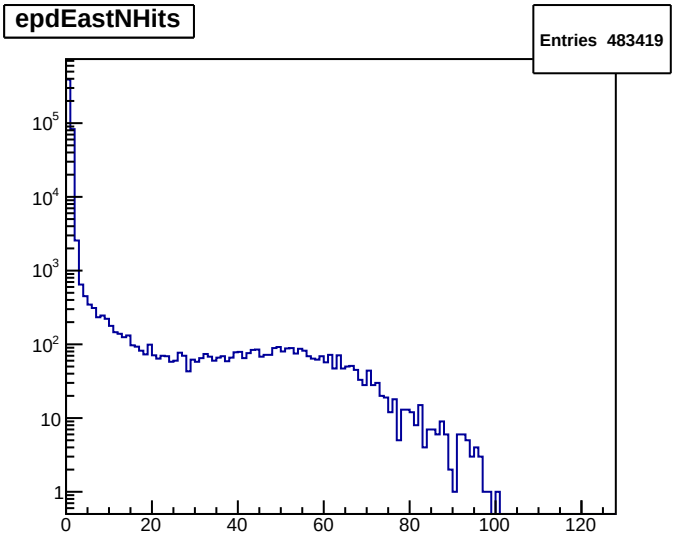

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

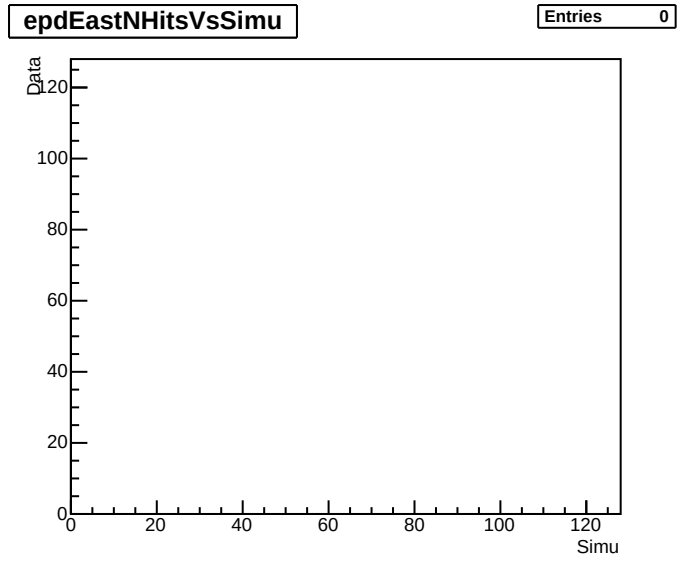

epdEastTac03
Entries 483419


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 483419


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 483419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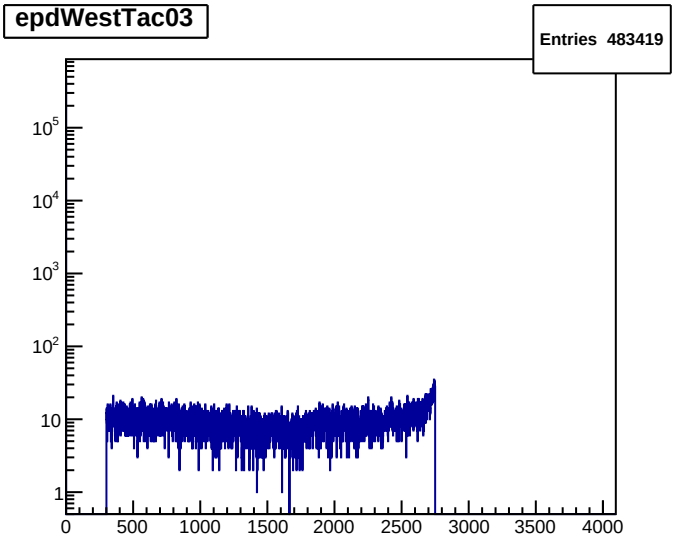
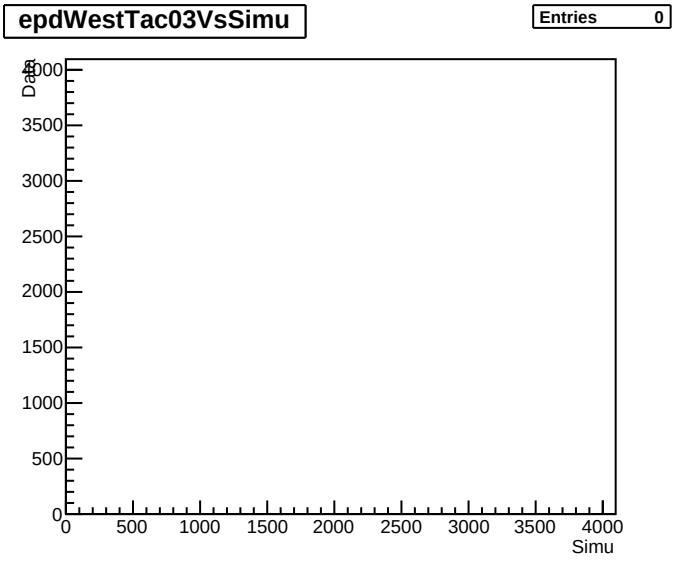
Entries 0
Data
Simu


epdWestTac03
Entries 483419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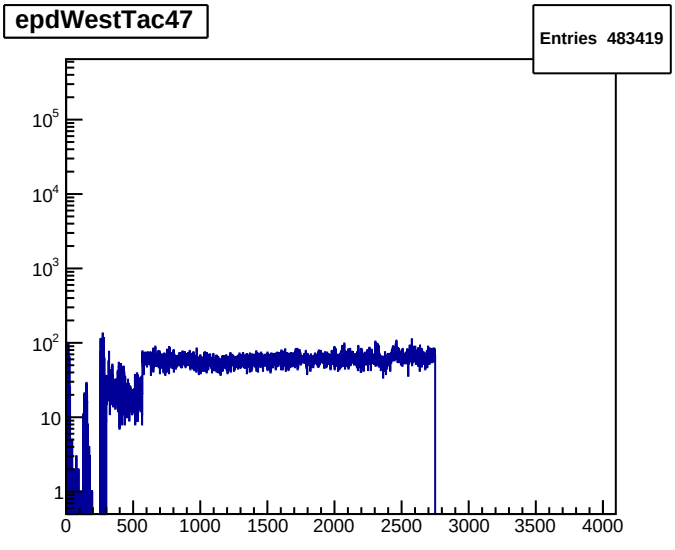
Entries 0
Data
Simu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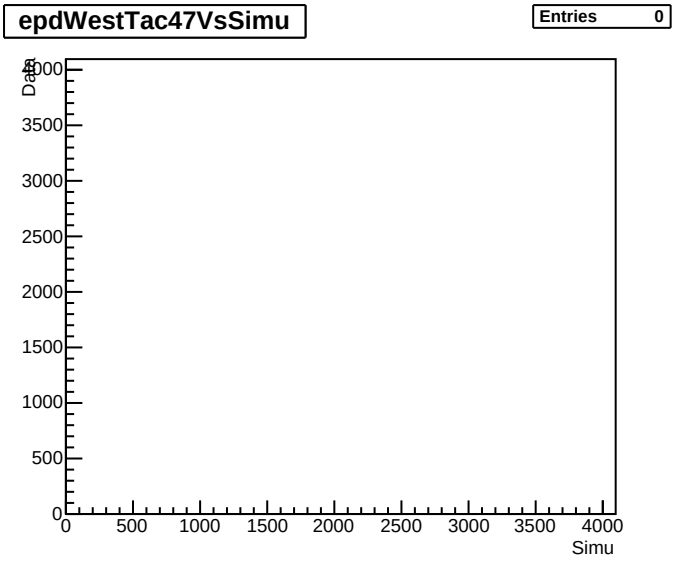
Entries 483419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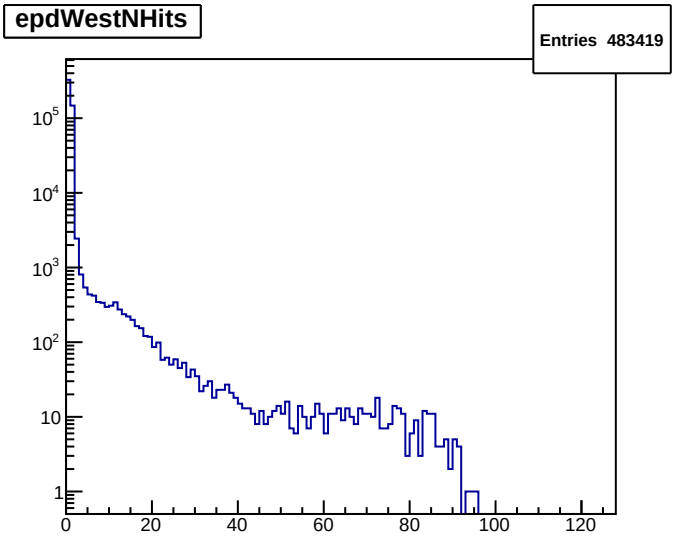
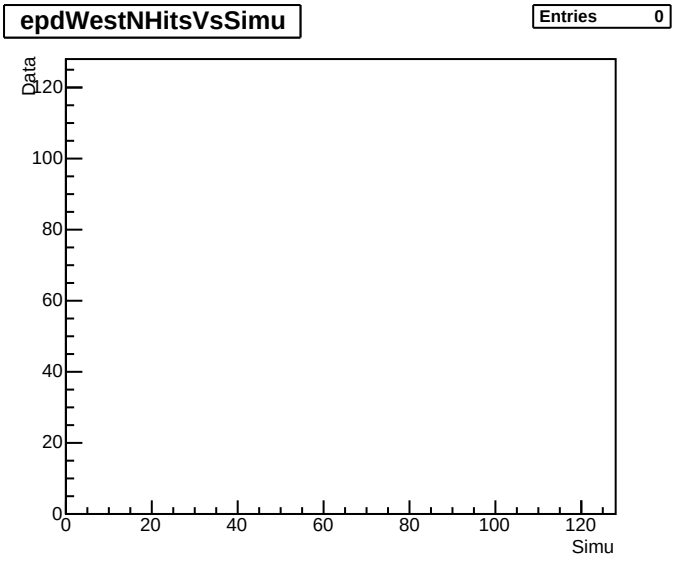
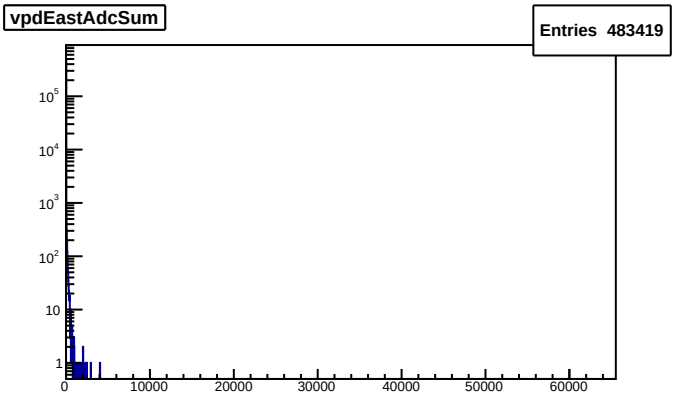
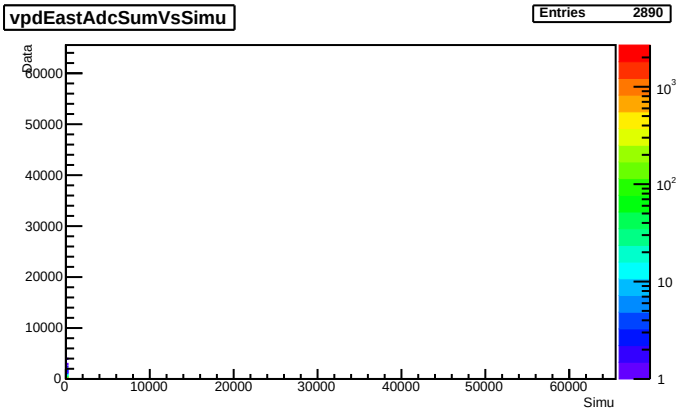
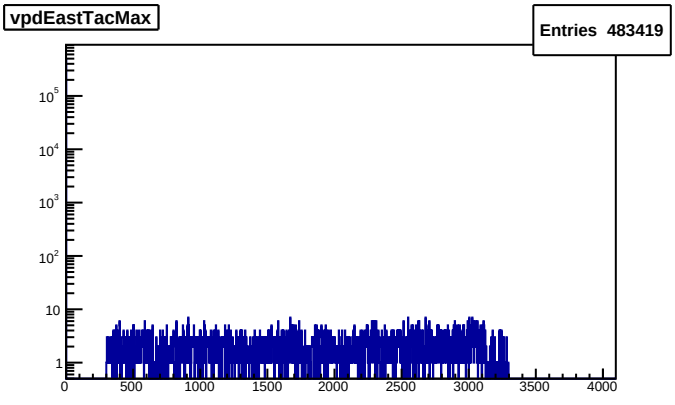
Entries 0
Data
Simu

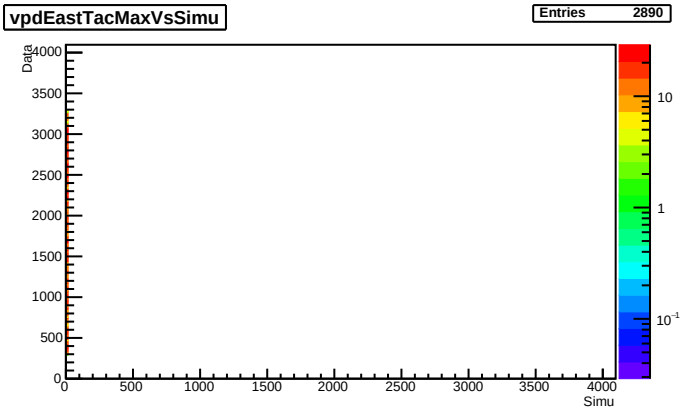

epdWestNHits
Entries 483419

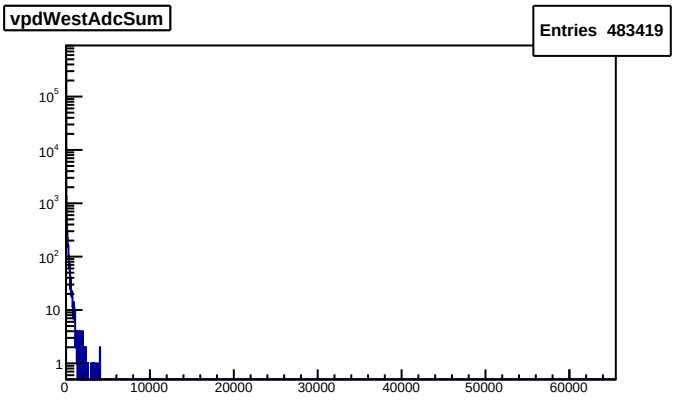

epdWestNHitsVsSimu
Entries 0
Data
Simu

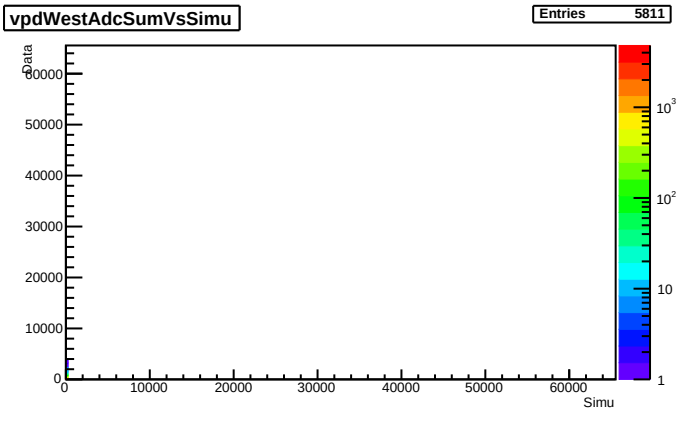

vpdEastAdcSum
Entries 483419

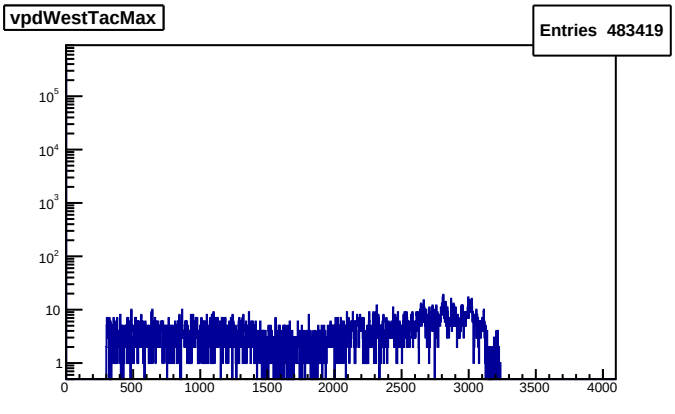

vpdEastAdcSumVsSimu
Entries 2890
Data
Simu

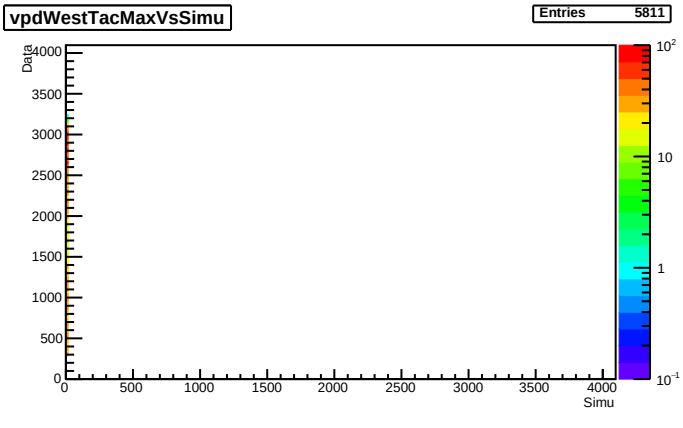

vpdEastTacMax
Entries 483419

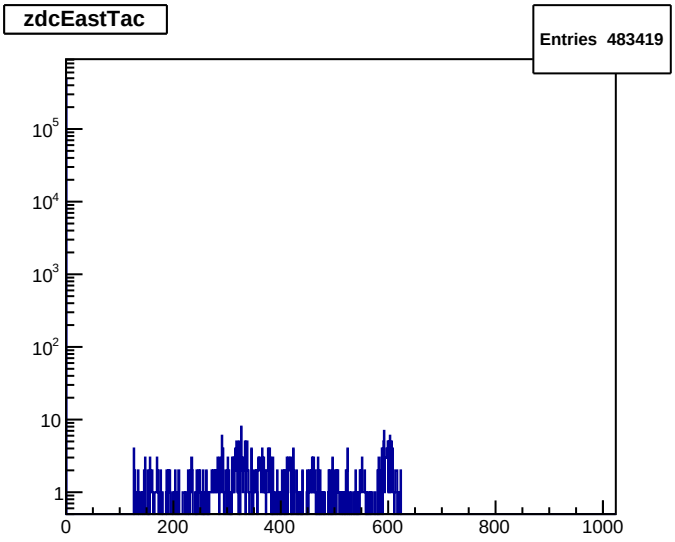

vpdEastTacMaxVsSimu
Entries 2890
Data
Simu

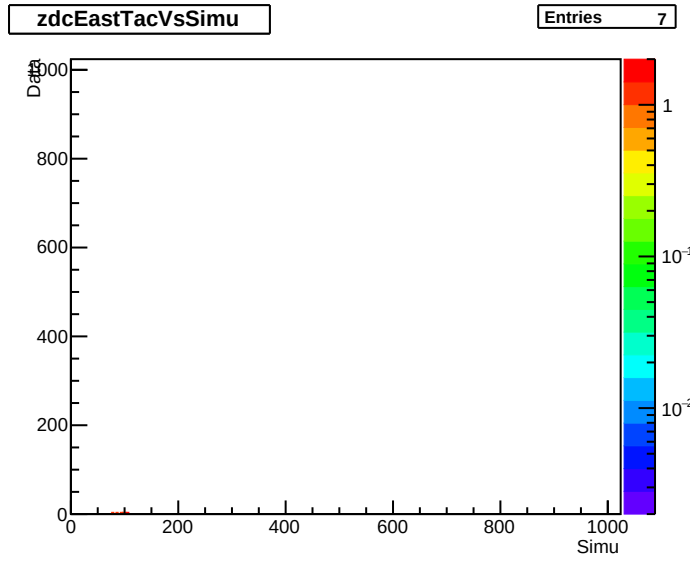

vpdWestAdcSum
Entries 483419

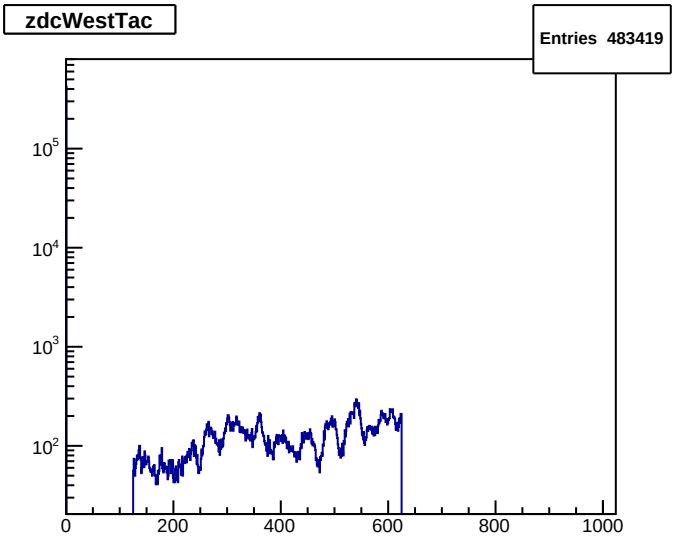

vpdWestAdcSumVsSimu
Entries 5811
Data
Simu

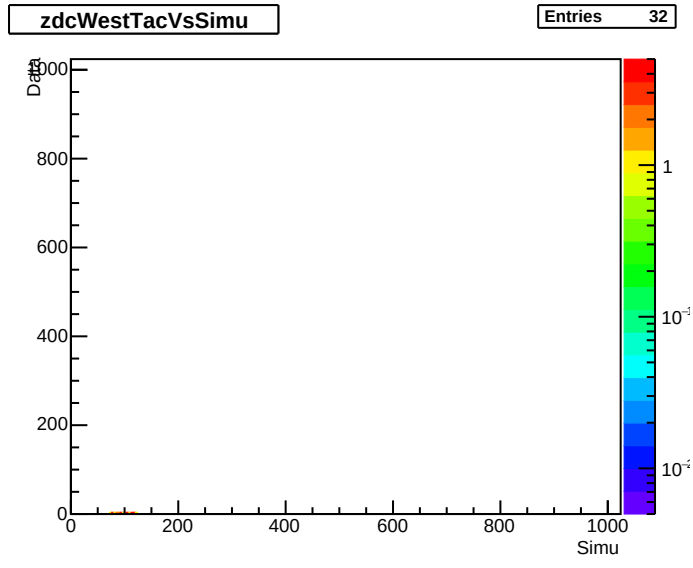

vpdWestTacMax
Entries 483419

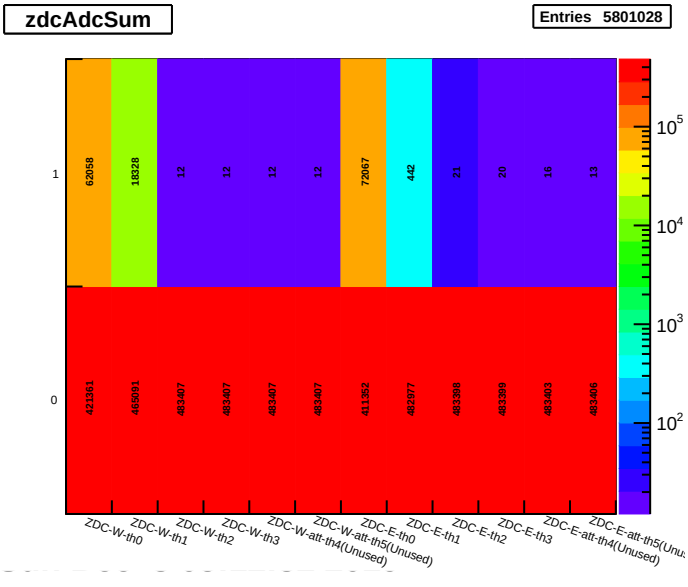

vpdWestTacMaxVsSimu
Entries 5811
Data
Simu

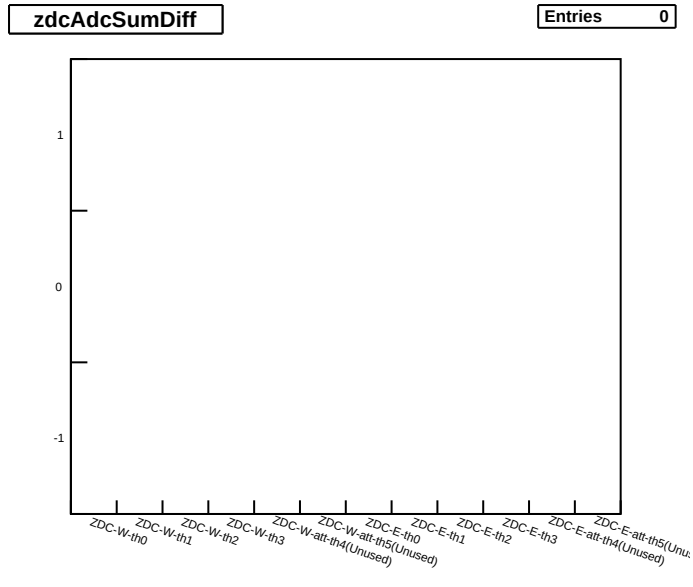

zdcEastTac
Entries 483419

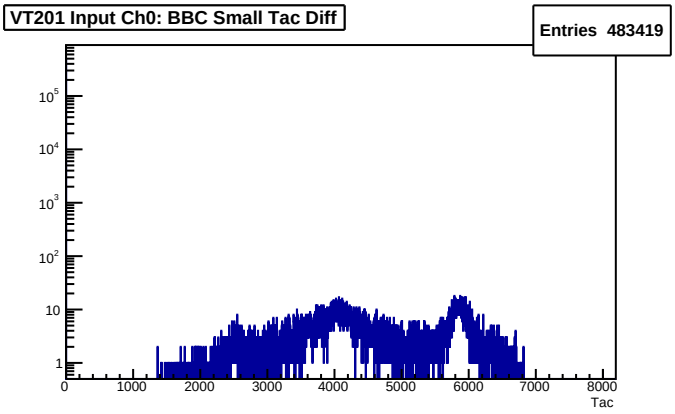

zdcEastTacVsSimu
Entries 7
Data
Simu

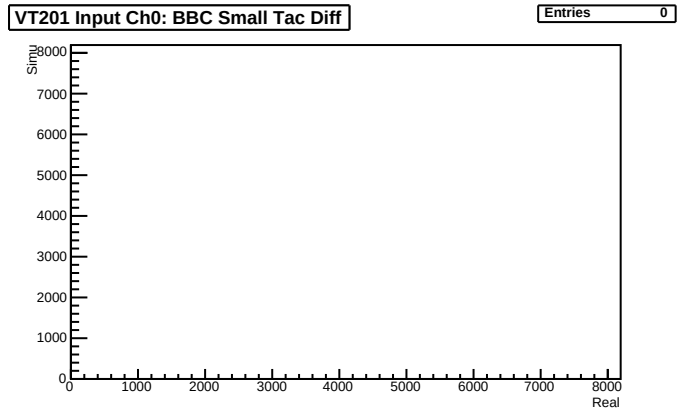

zdcWestTac
Entries 483419

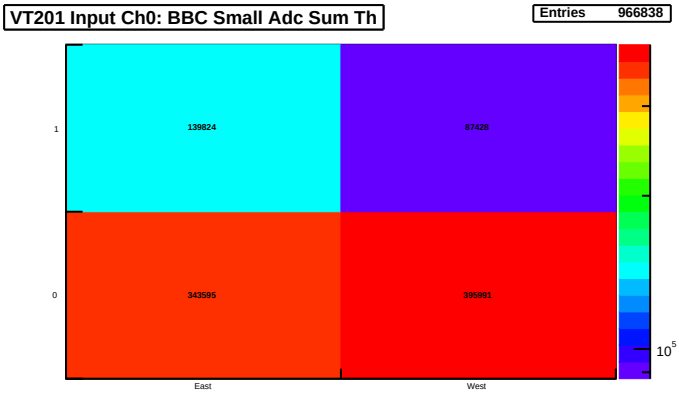

zdcWestTacVsSimu
Entries 32
Data
Simu

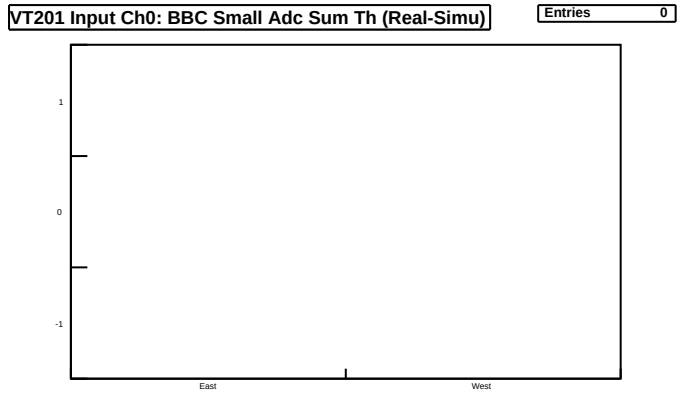

zdcAdcSum
Entries 5801028
62058
18328
12
12
12
12
72067
442
21
20
16
13
421361
465091
483407
483407
483407
483407
411352
482977
483398
483399
483403
483406
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

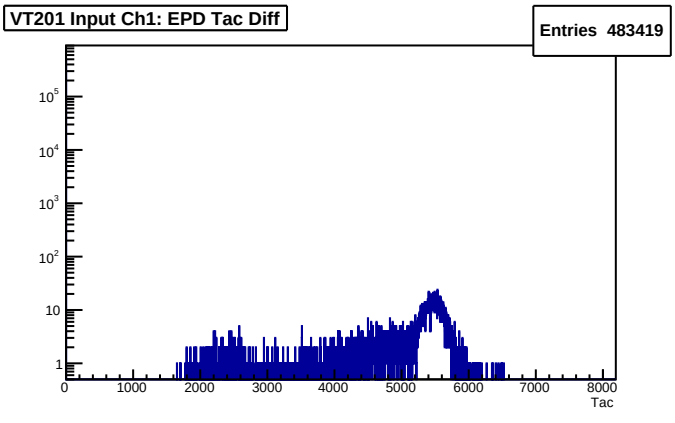

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

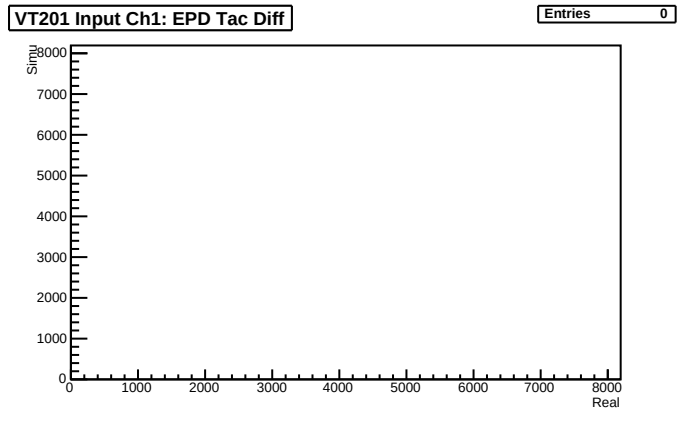

VT201 Input Ch0: BBC Small Tac Diff
Entries 483419
Tac

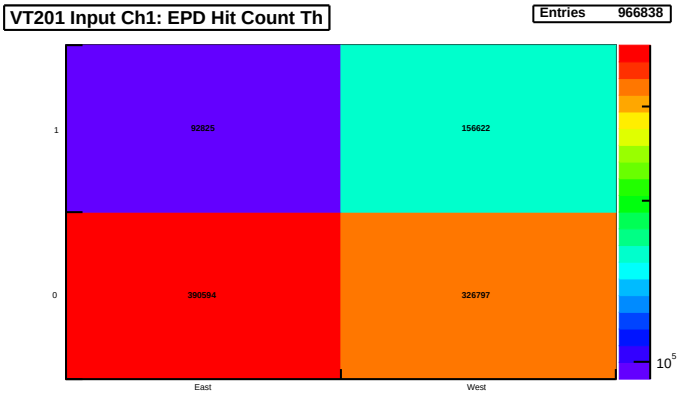

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

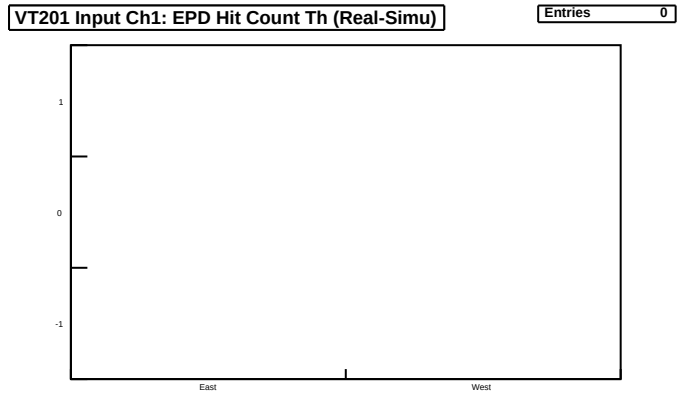

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 966838
139824
87428
343595
395991
East
West

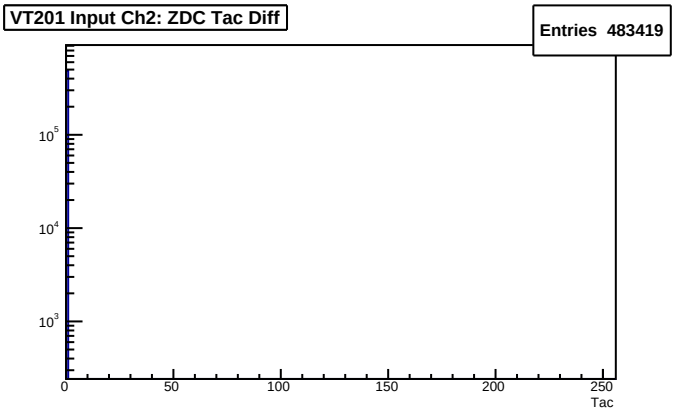

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

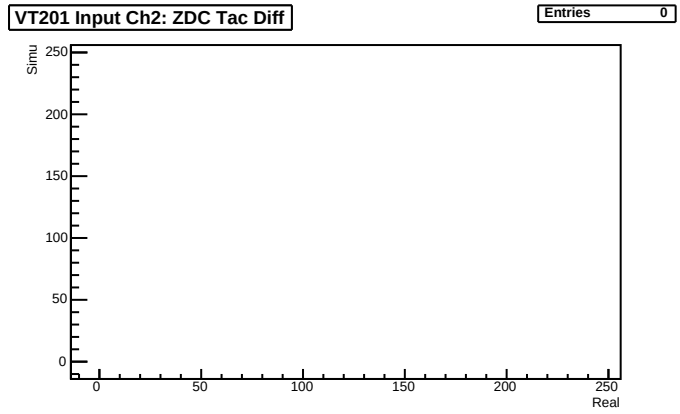

VT201 Input Ch1: EPD Tac Diff
Entries 483419
Tac

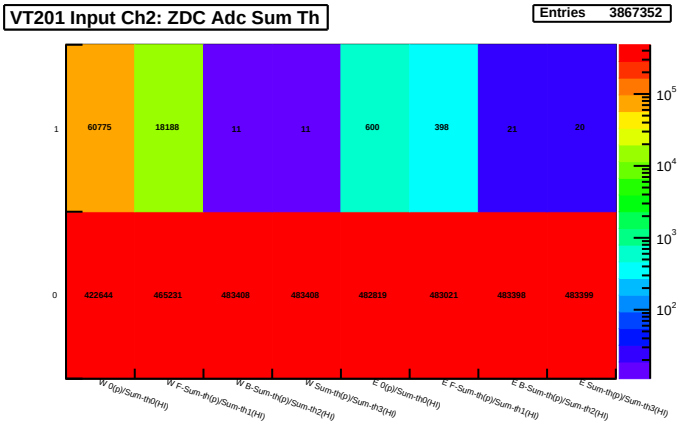

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

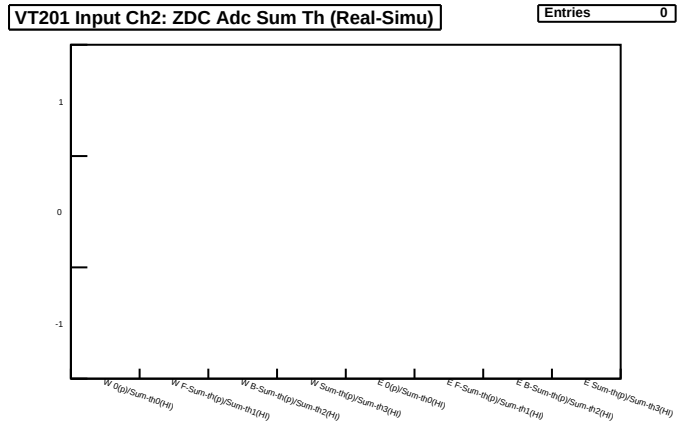

VT201 Input Ch1: EPD Hit Count Th
Entries 966838
92825
156622
390594
326797
East
West

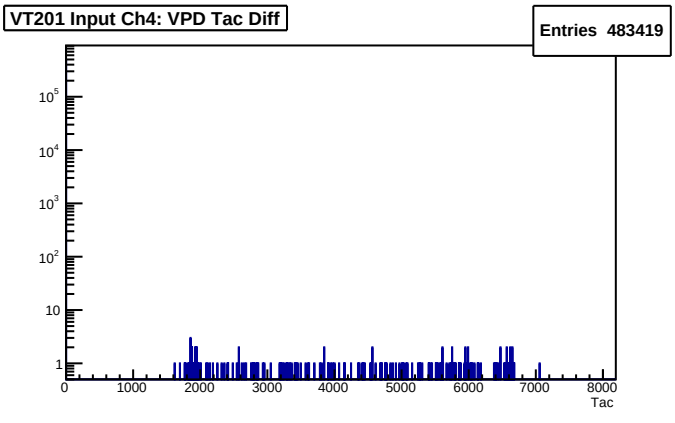

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

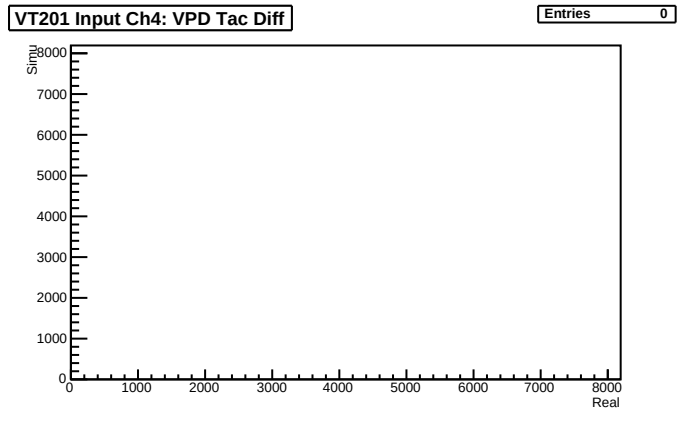

VT201 Input Ch2: ZDC Tac Diff
Entries 483419
Tac

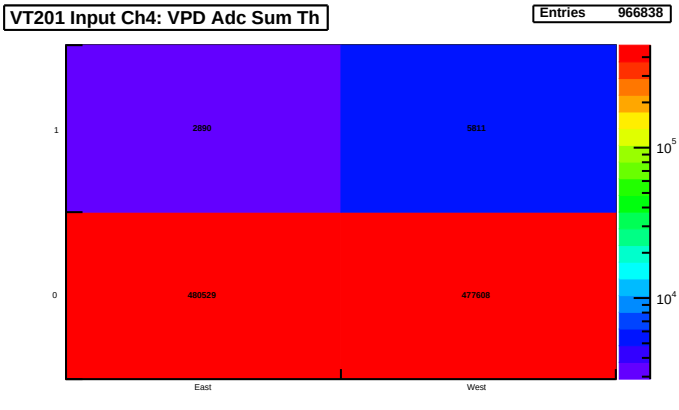

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

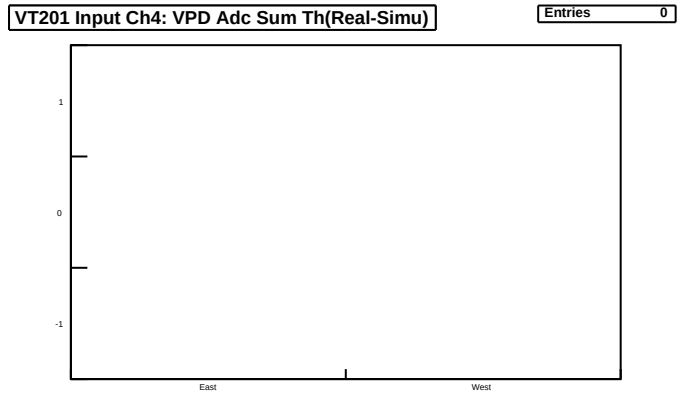

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3867352
60775
18188
11
11
600
398
21
20
422644
465231
483408
483408
482819
483021
483398
483399
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

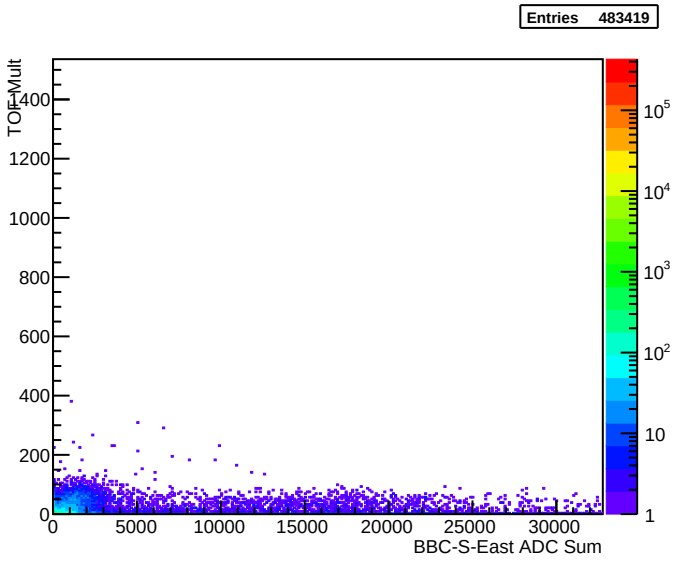

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

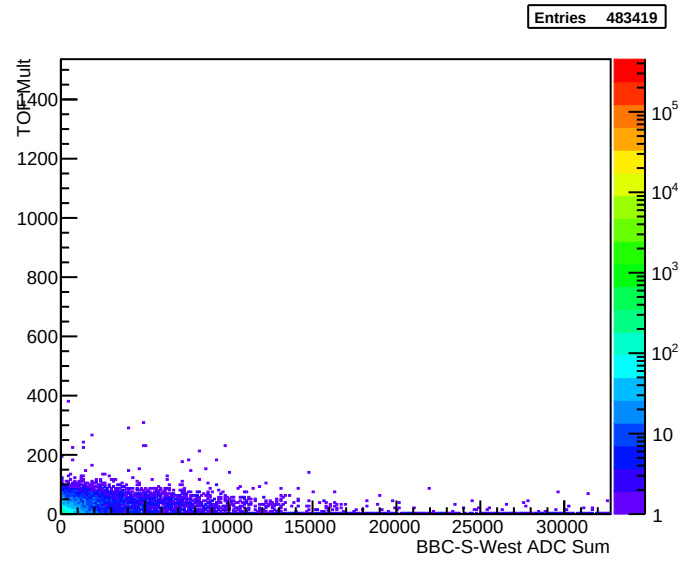

VT201 Input Ch4: VPD Tac Diff
Entries 483419
Tac

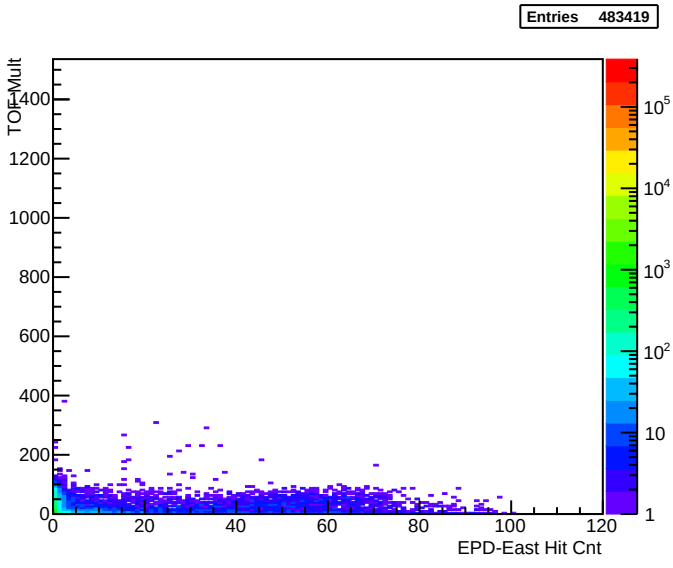

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

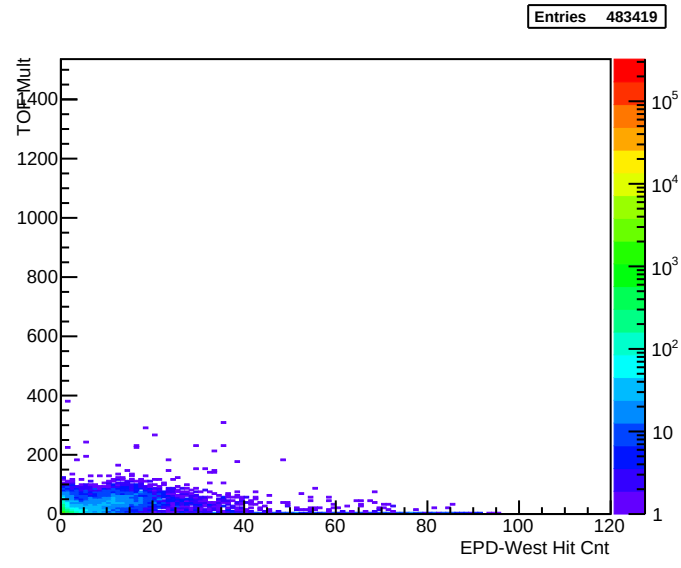

VT201 Input Ch4: VPD Adc Sum Th
Entries 966838
2890
5911
480529
477608
East
West

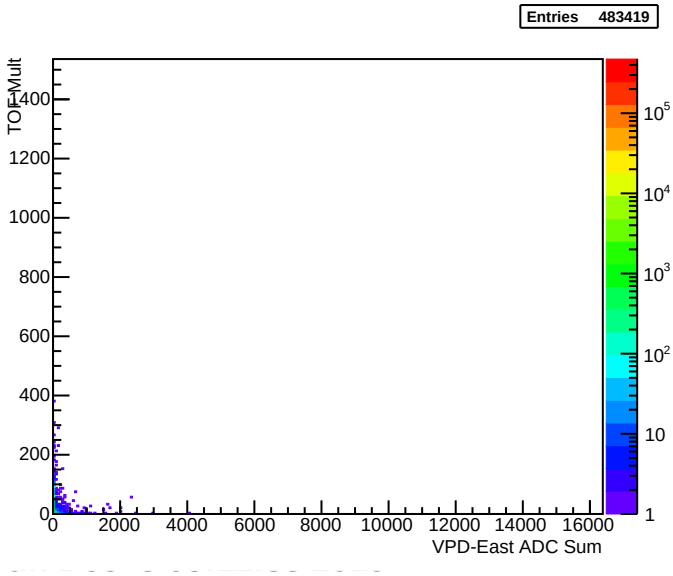

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

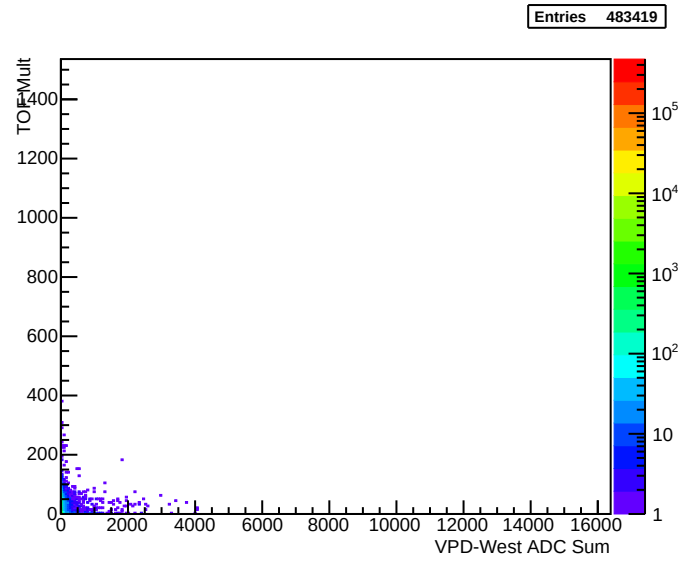

Entries 483419
TOF-Mult
BBC-S-East ADC Sum

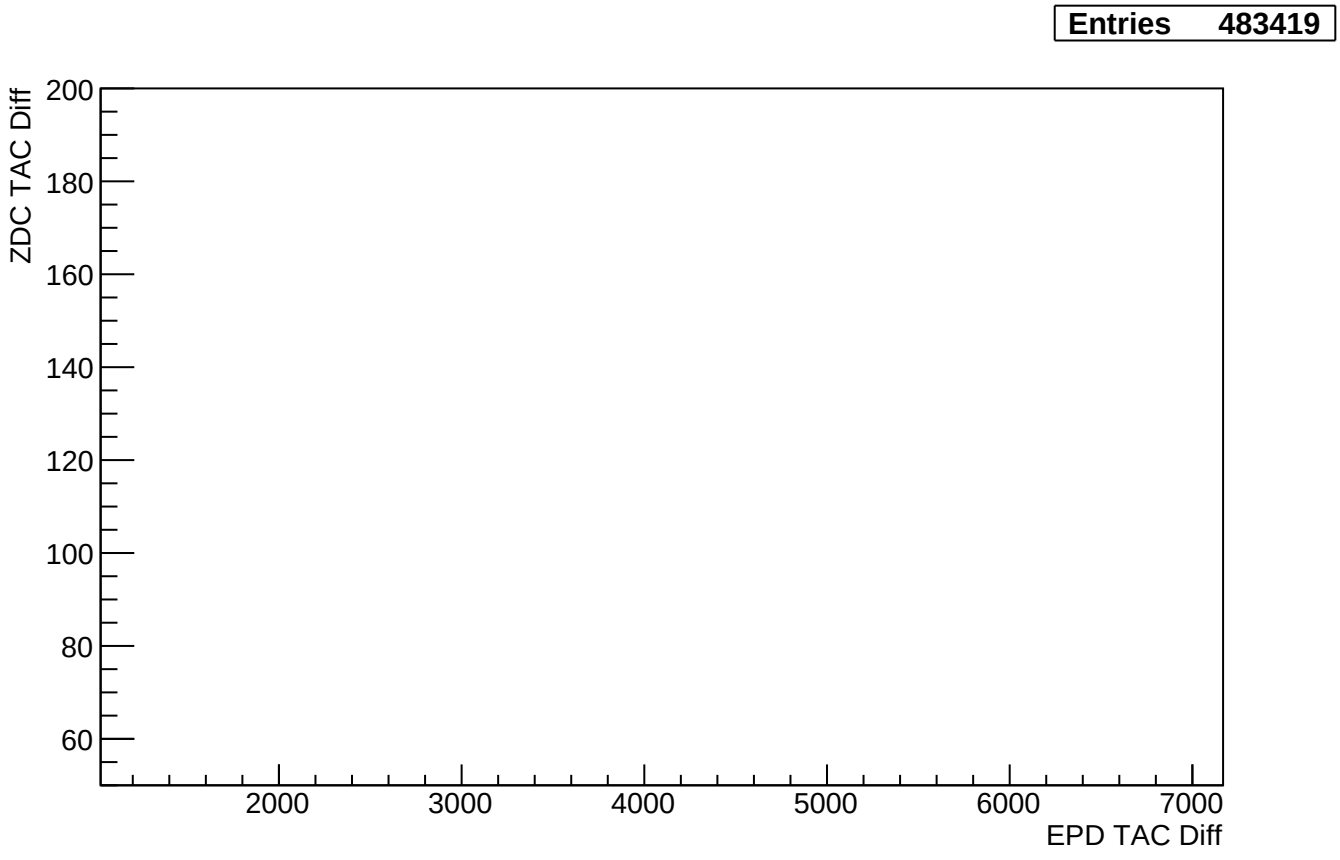

Entries 483419
TOF-Mult
BBC-S-West ADC Sum

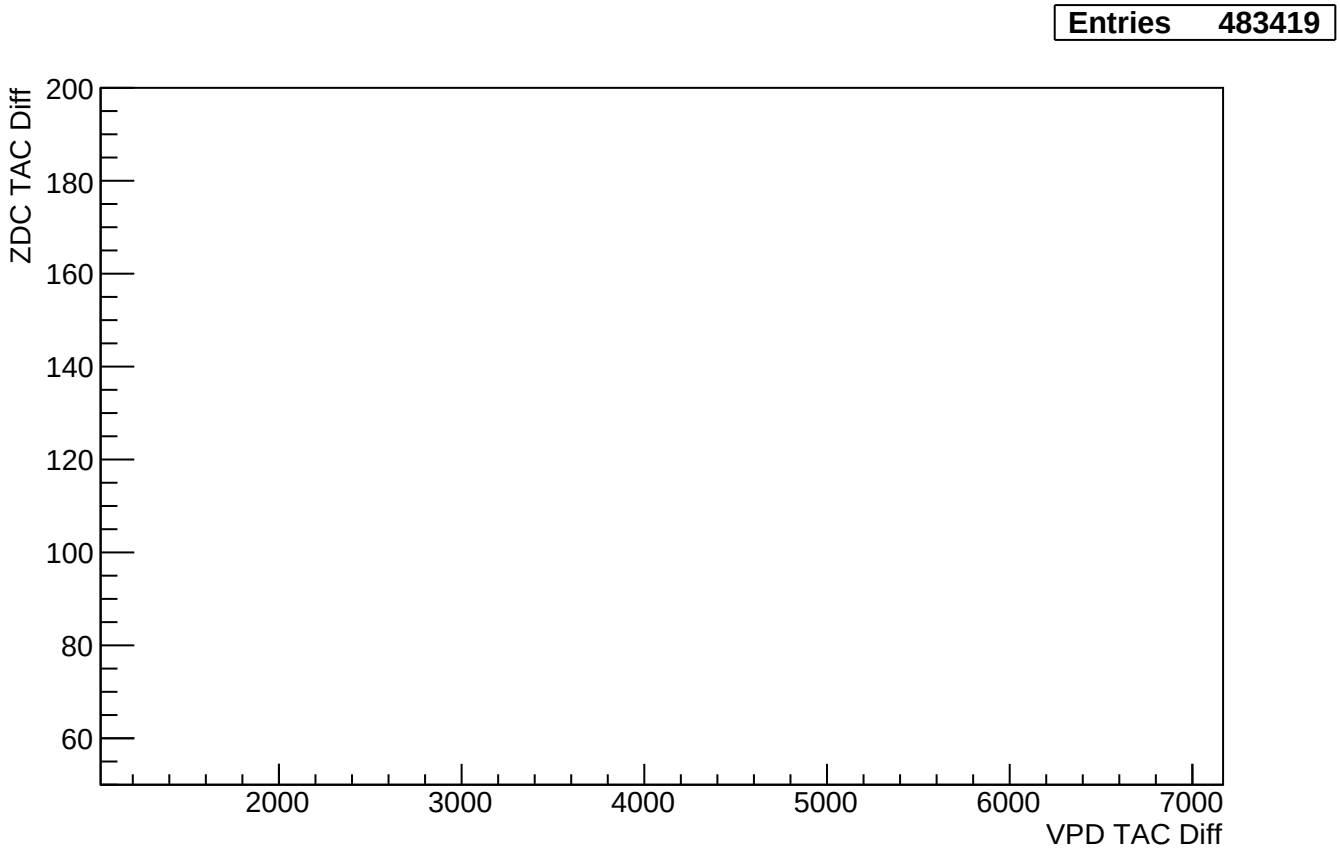

Entries 483419
TOF-Mult
EPD-East Hit Cnt

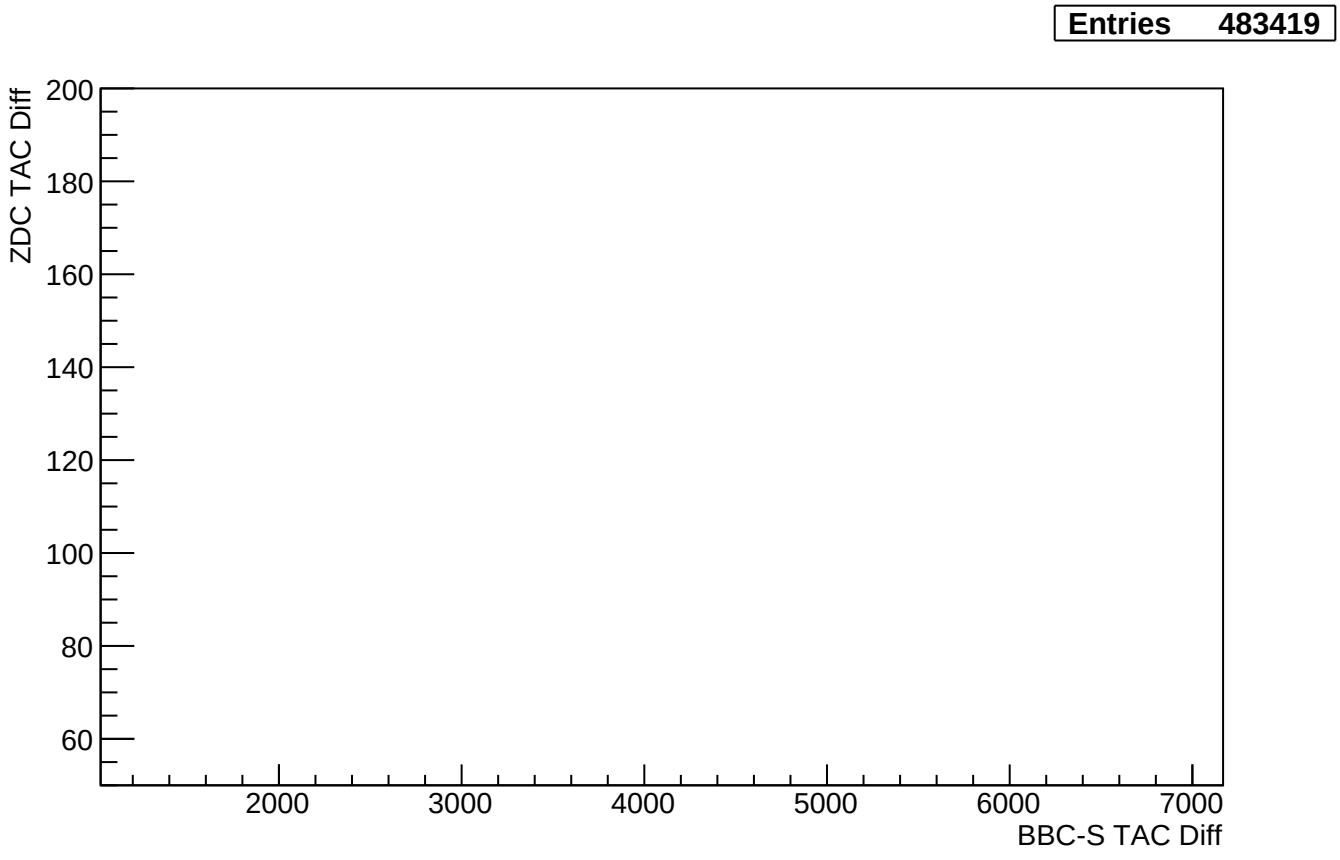

Entries 483419
TOF-Mult
EPD-West Hit Cnt

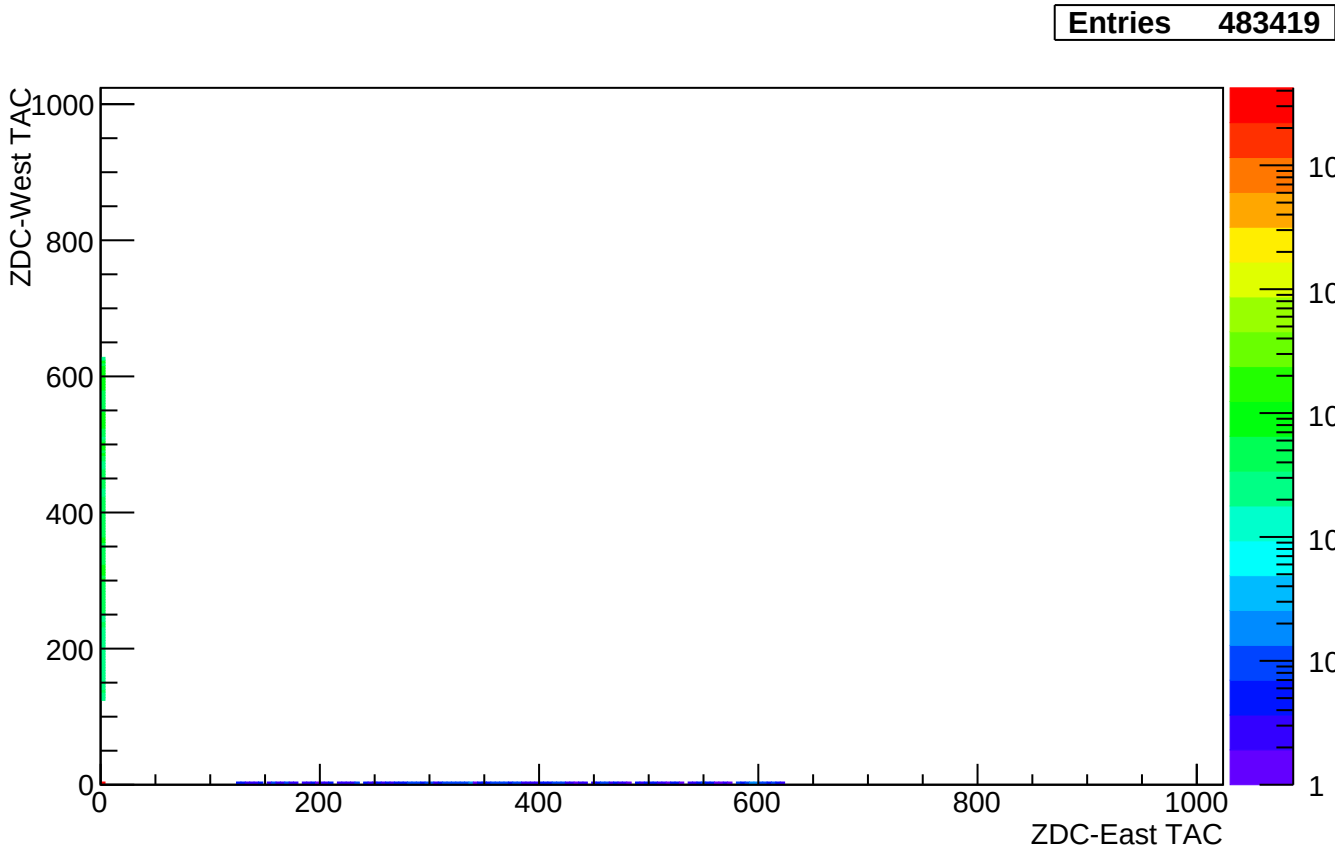

Entries 483419
TOF-Mult
VPD-East ADC Sum

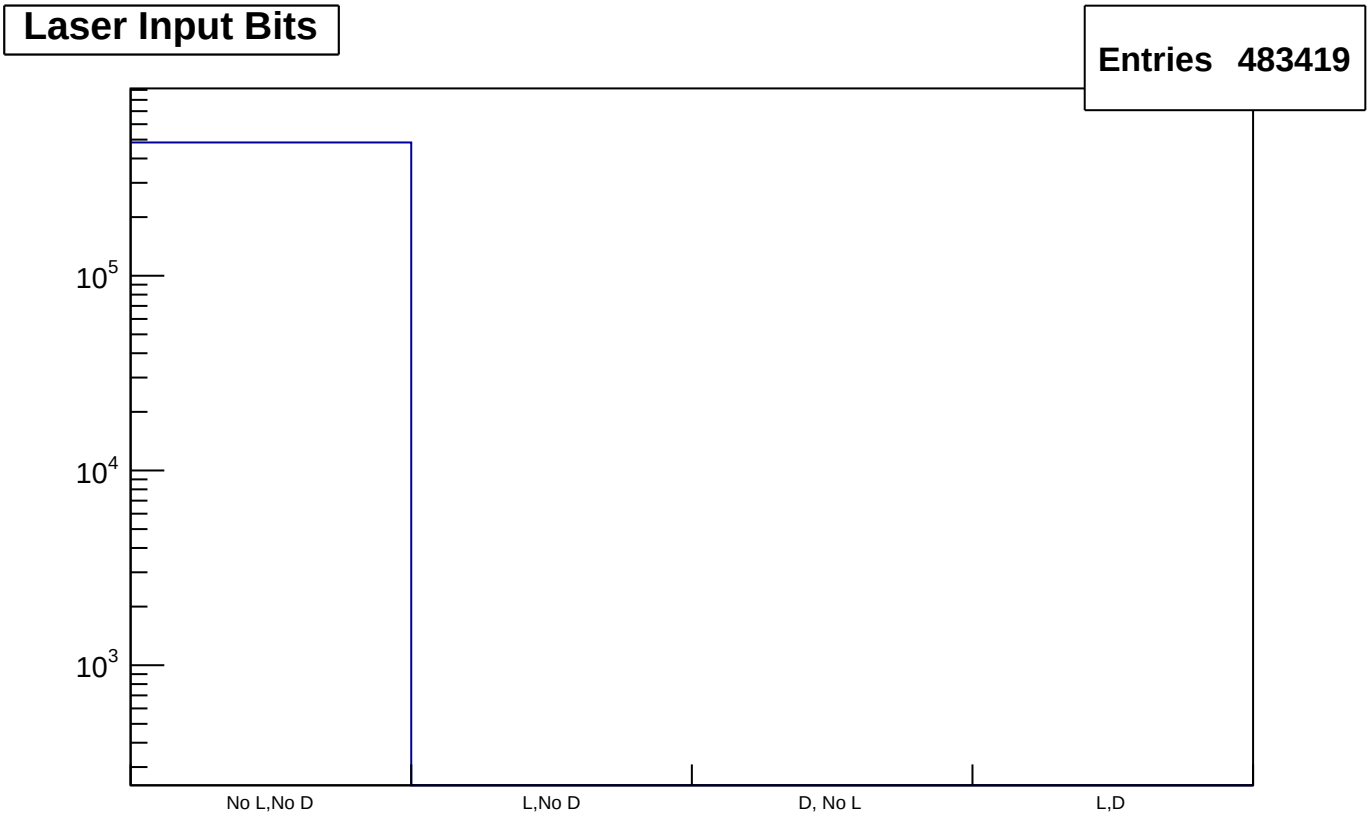

Entries 483419
TOF-Mult
VPD-West ADC Sum

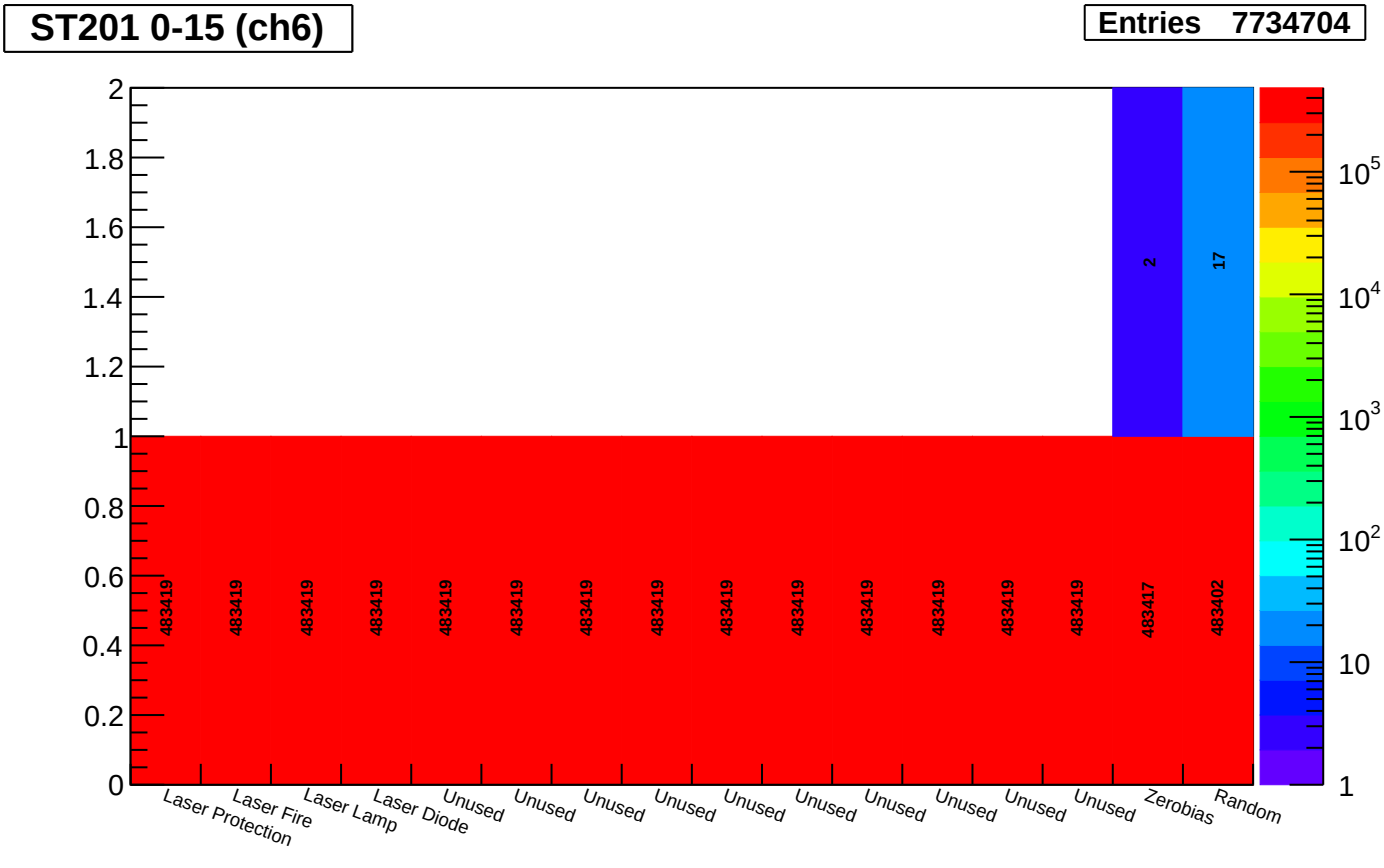

Entries 483419
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff

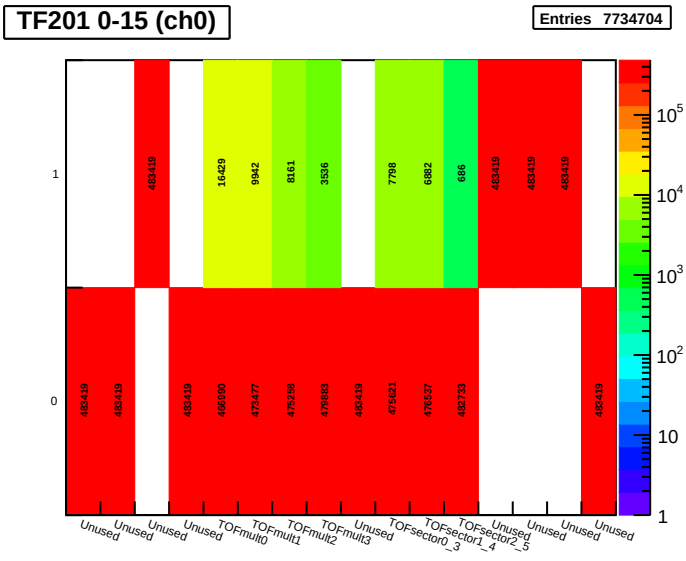

Entries 483419
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

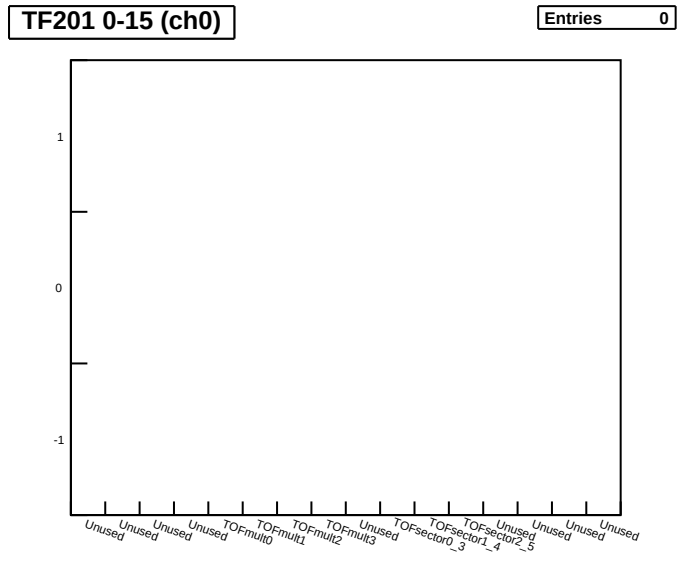

Entries 483419
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff

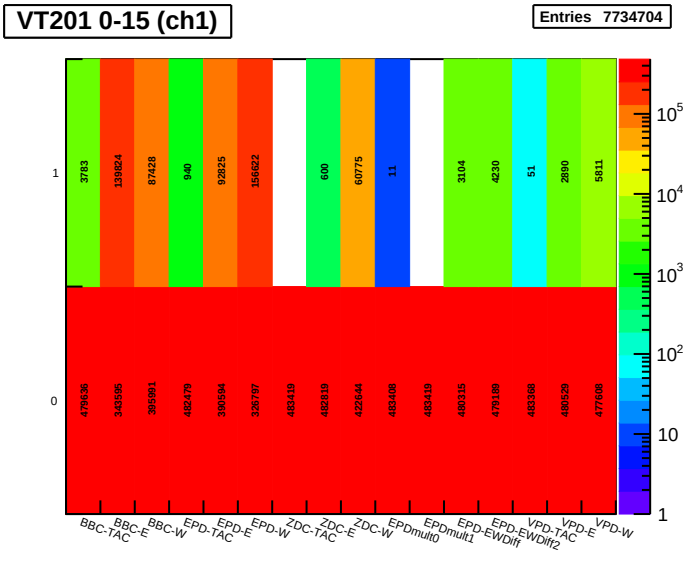

Entries 483419
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

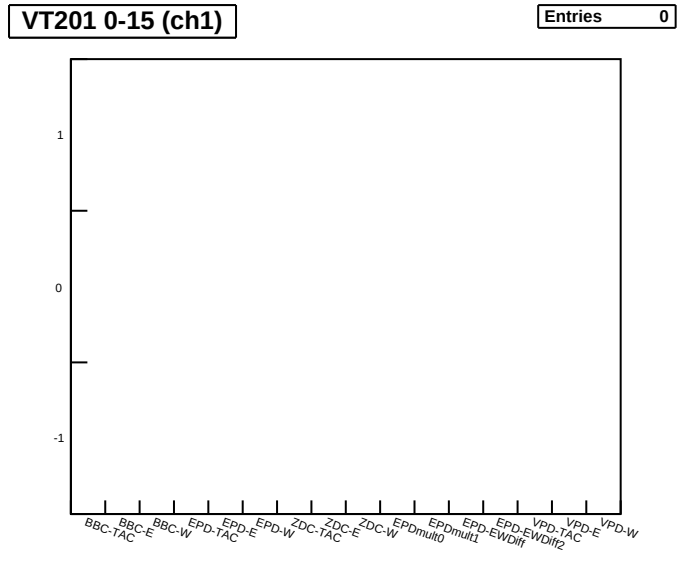

Laser Input Bits
Entries 483419
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

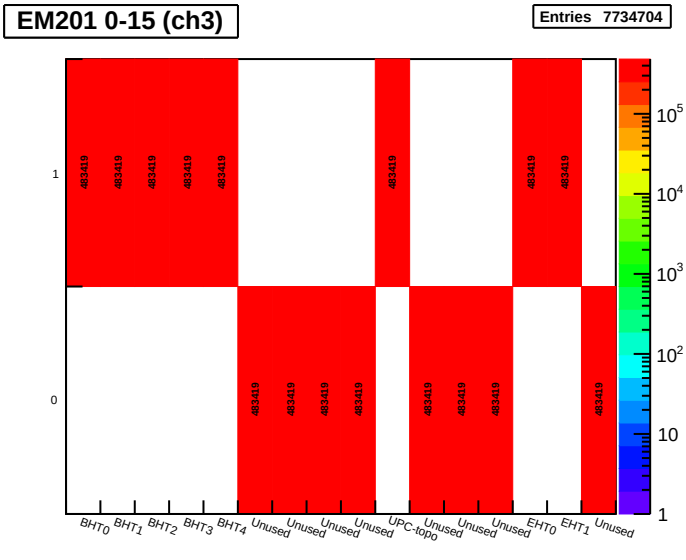

ST201 0-15 (ch6)
Entries 7734704
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483417
483402
2
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

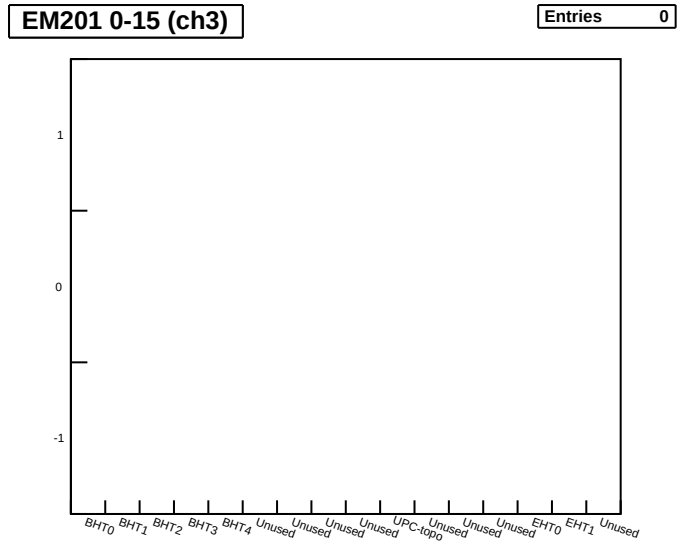

TF201 0-15 (ch0)
Entries 7734704
1
0
483419
16429
9942
8161
3536
7798
6882
686
483419
483419
483419
483419
483419
466990
473477
475258
479883
483419
475621
476537
482733
483419
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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


VT201 0-15 (ch1)
Entries 7734704
1
0
3783
139824
87428
940
92825
156622
600
60775
11
3104
4230
51
2890
5811
479636
343595
395991
482479
390594
326797
482419
482819
422644
483408
483419
480315
479189
483368
480529
477608
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 7734704
1
0
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
483419
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