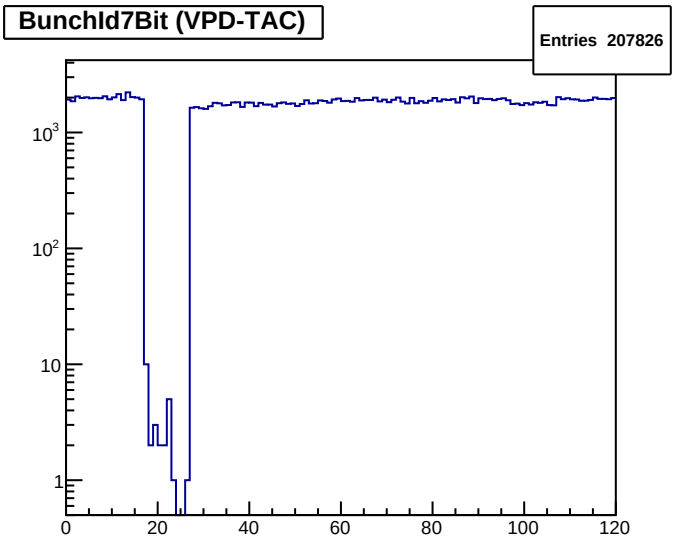
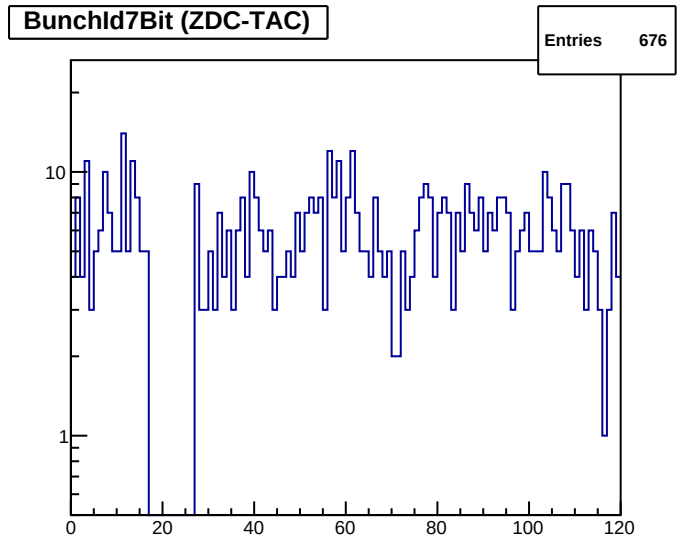
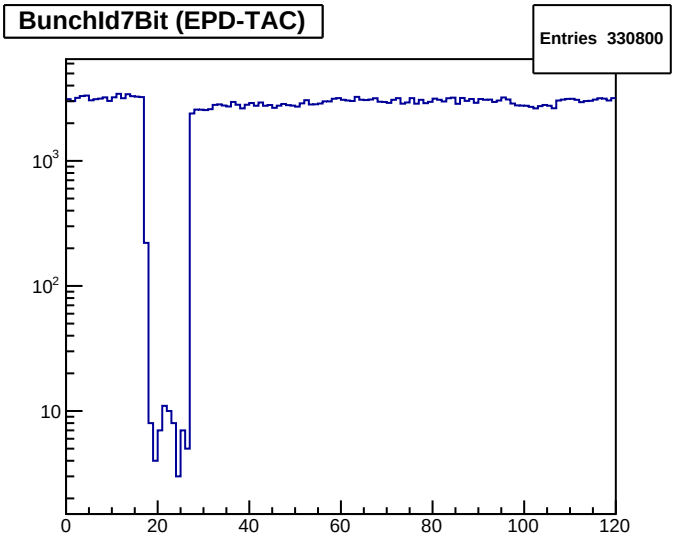
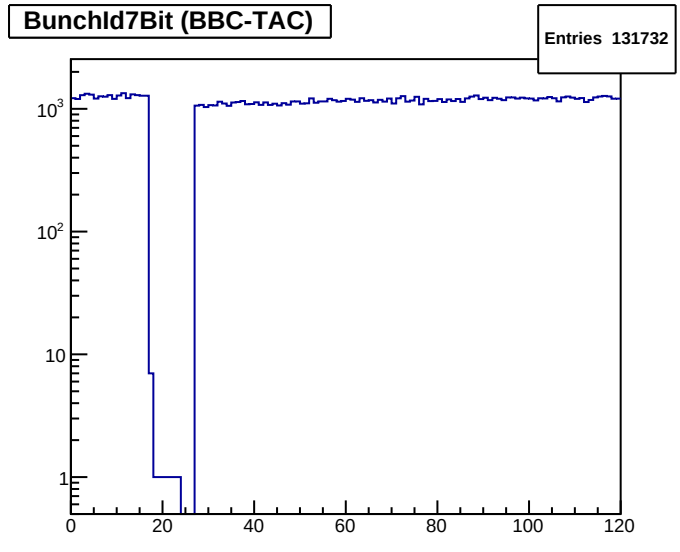
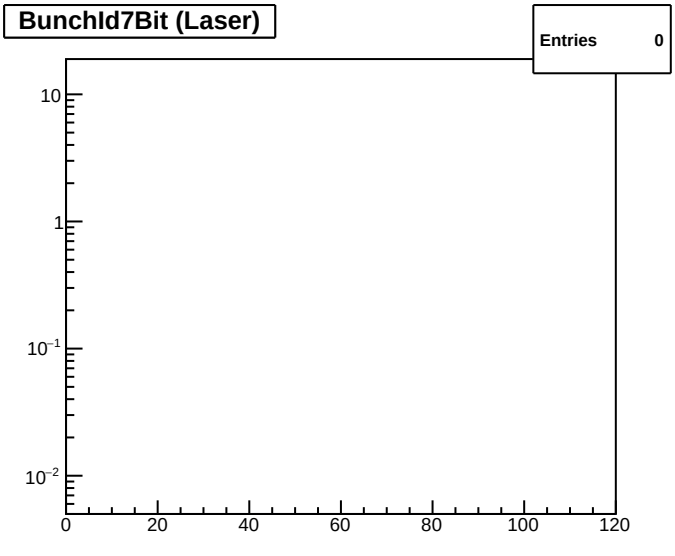
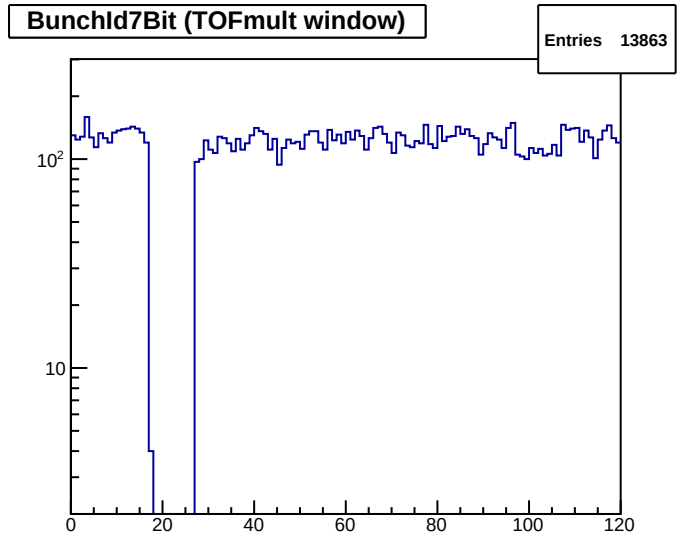

BunchId7Bit (VPD-TAC)
Entries 207826

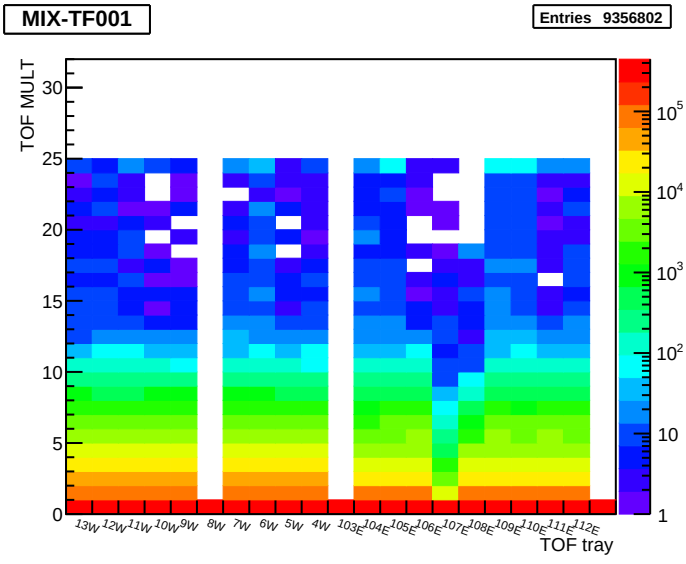

BunchId7Bit (ZDC-TAC)
Entries 676

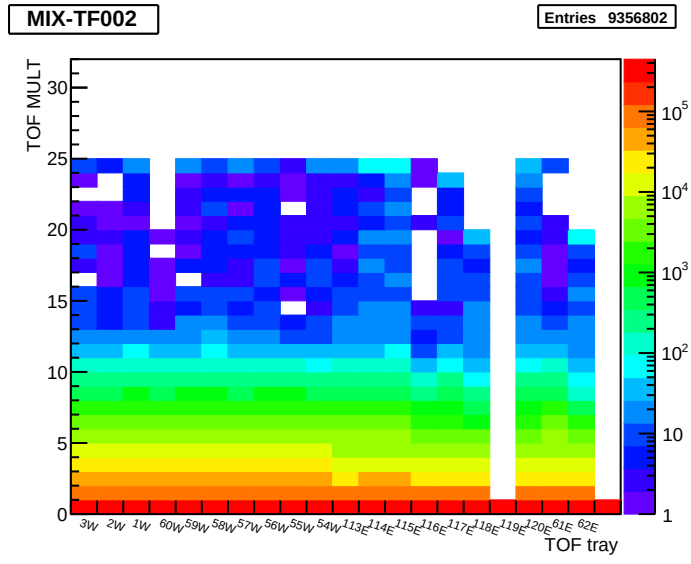

BunchId7Bit (EPD-TAC)
Entries 330800

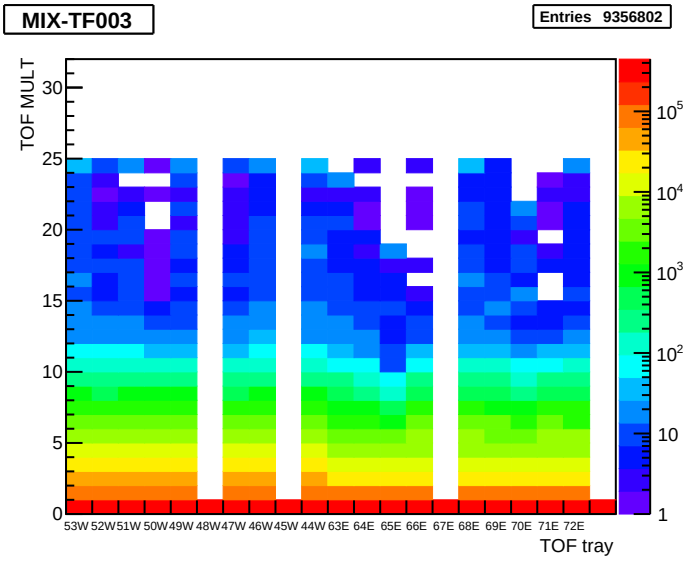

BunchId7Bit (BBC-TAC)
Entries 131732

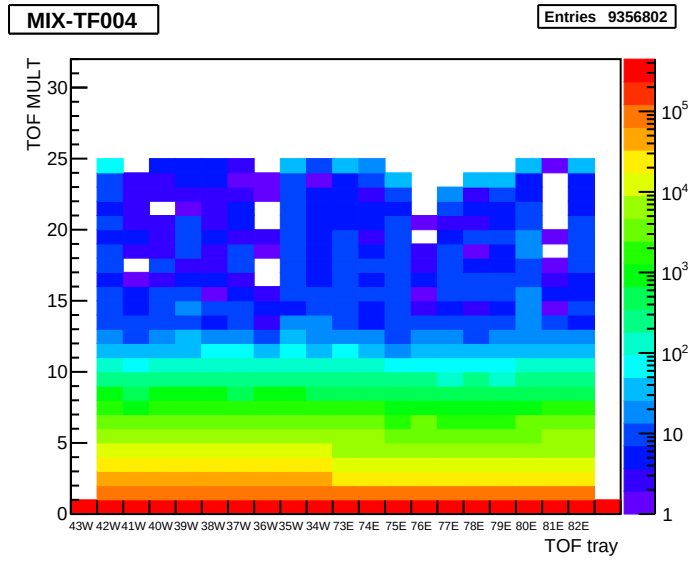

BunchId7Bit (Laser)
Entries 0

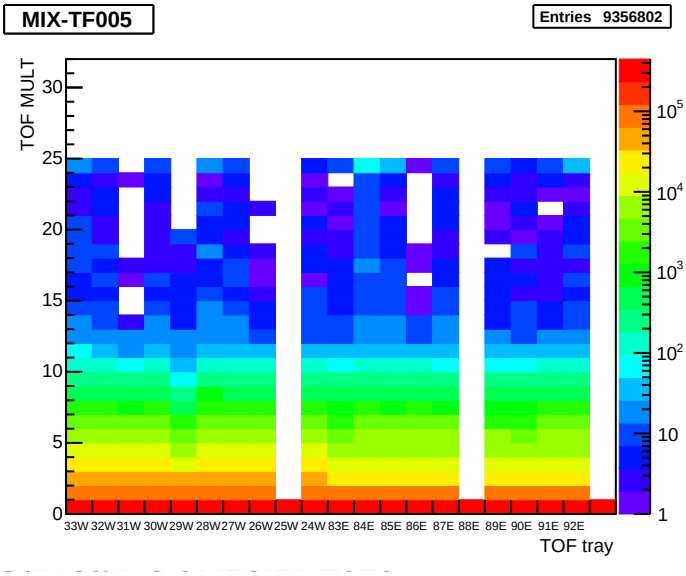

BunchId7Bit (TOFmult window)
Entries 13863

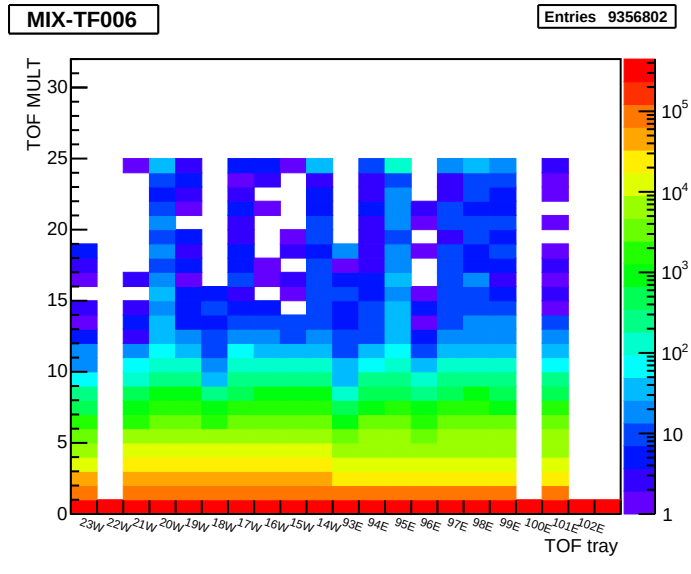

MIX-TF001
Entries 9356802
TOF MULT
TOF tray

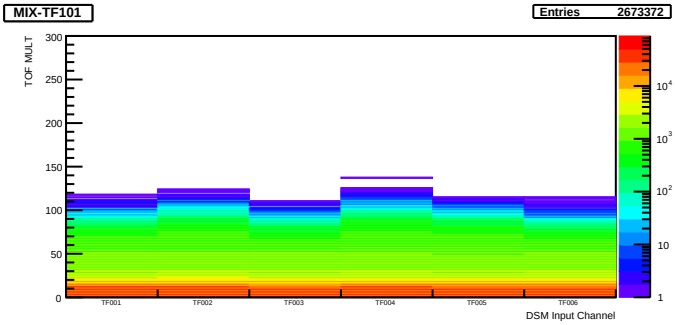

MIX-TF002
Entries 9356802
TOF MULT
TOF tray

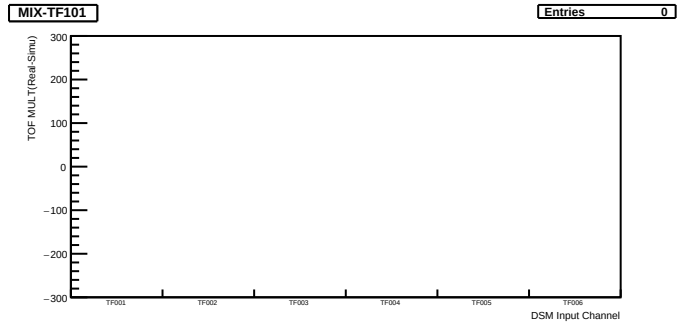

MIX-TF003
Entries 9356802
TOF MULT
TOF tray

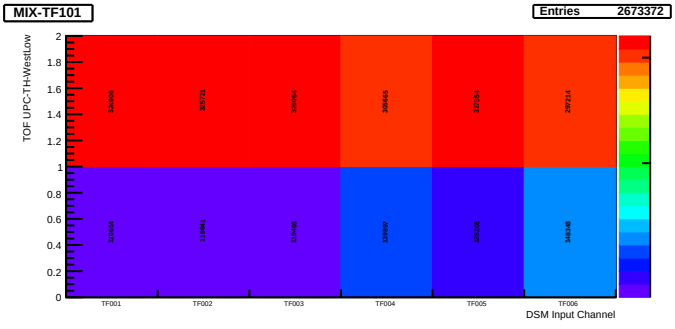

MIX-TF004
Entries 9356802
TOF MULT
TOF tray

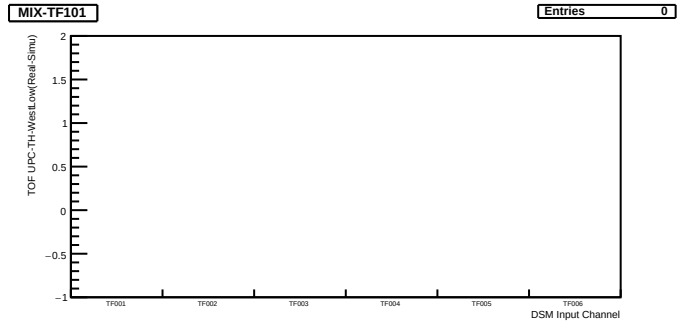

MIX-TF005
Entries 9356802
TOF MULT
TOF tray

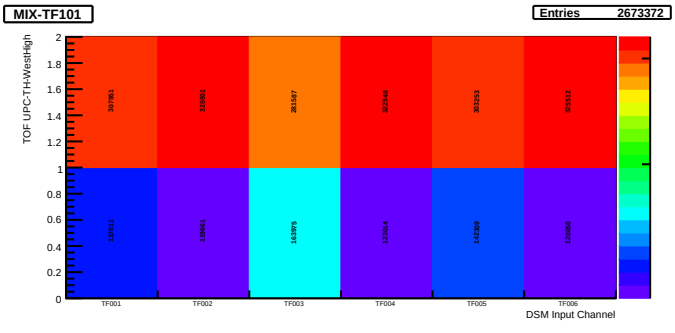

MIX-TF006
Entries 9356802
TOF MULT
TOF tray

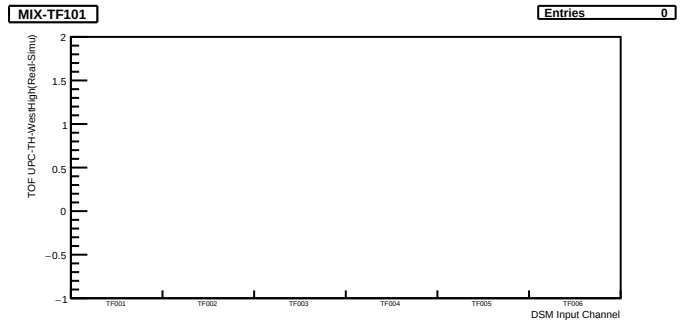

MIX-TF101
Entries 2673372
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

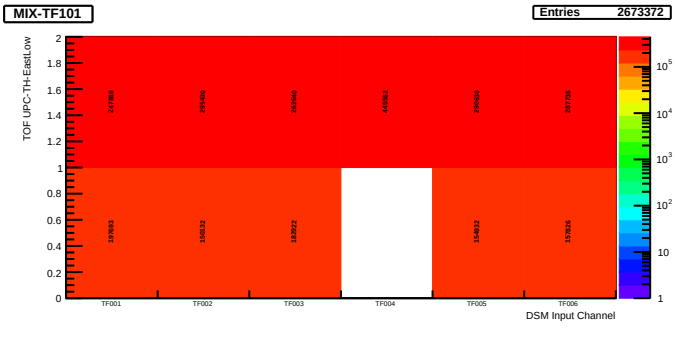

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

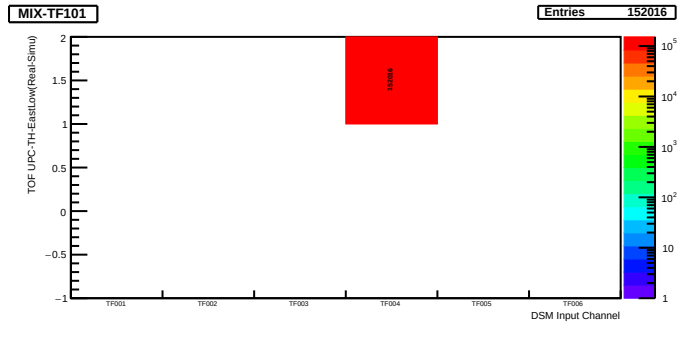

MIX-TF101
Entries 2673372
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

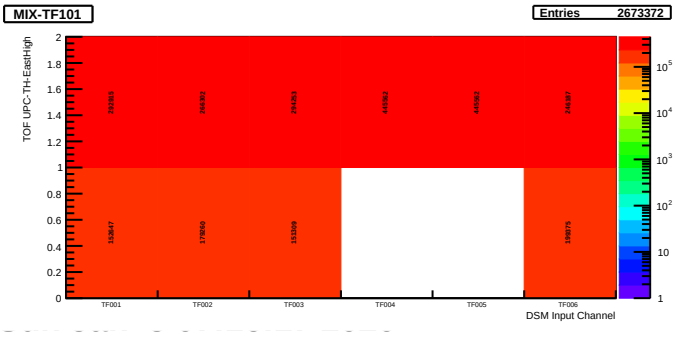

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

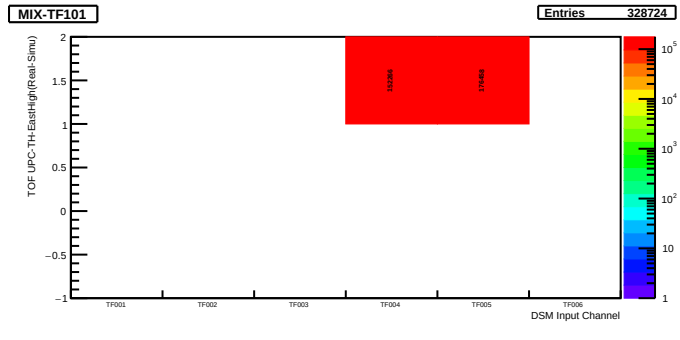

MIX-TF101
Entries 2673372
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

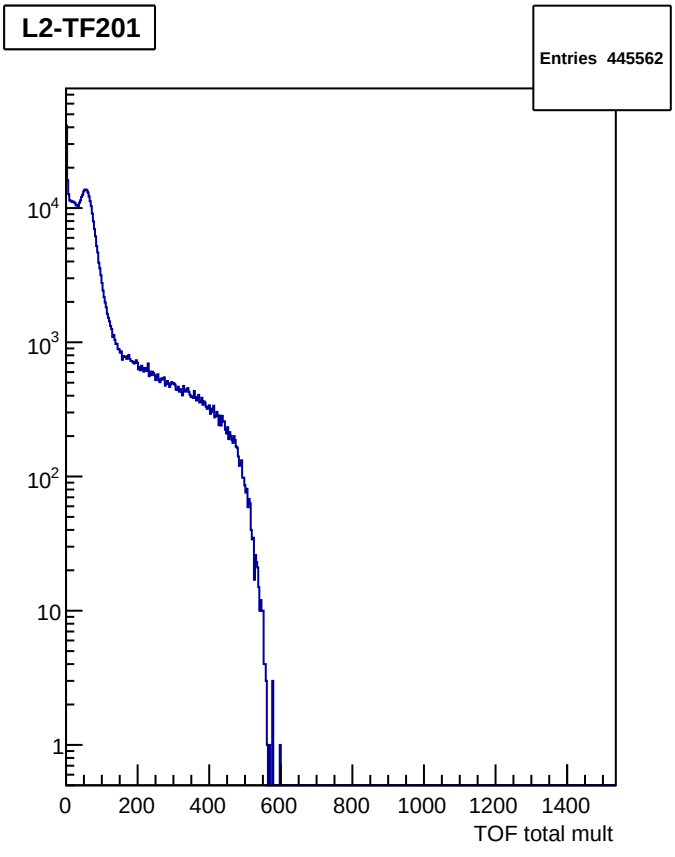

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

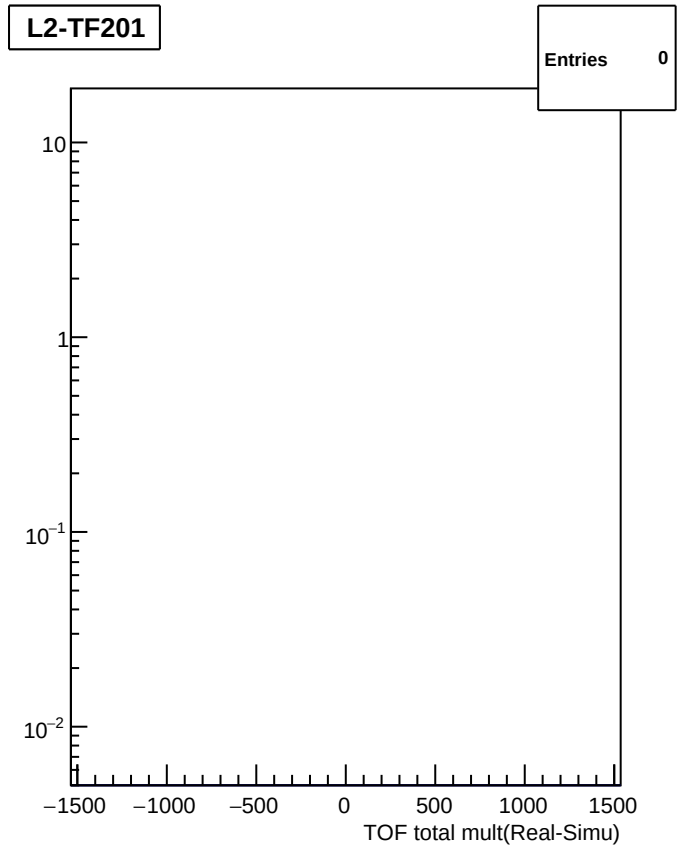

MIX-TF101
Entries 2673372
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

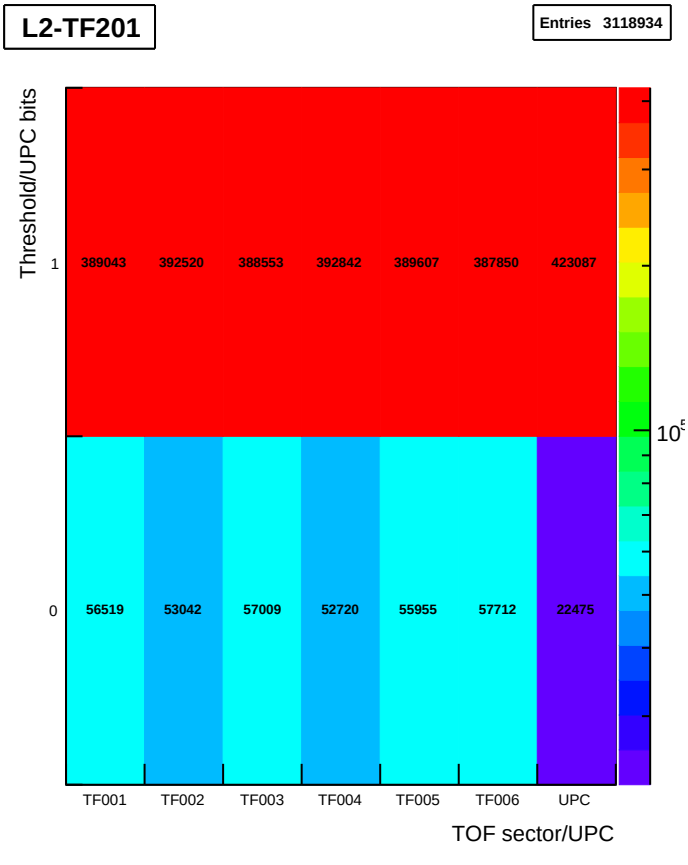

MIX-TF101
Entries 152016
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

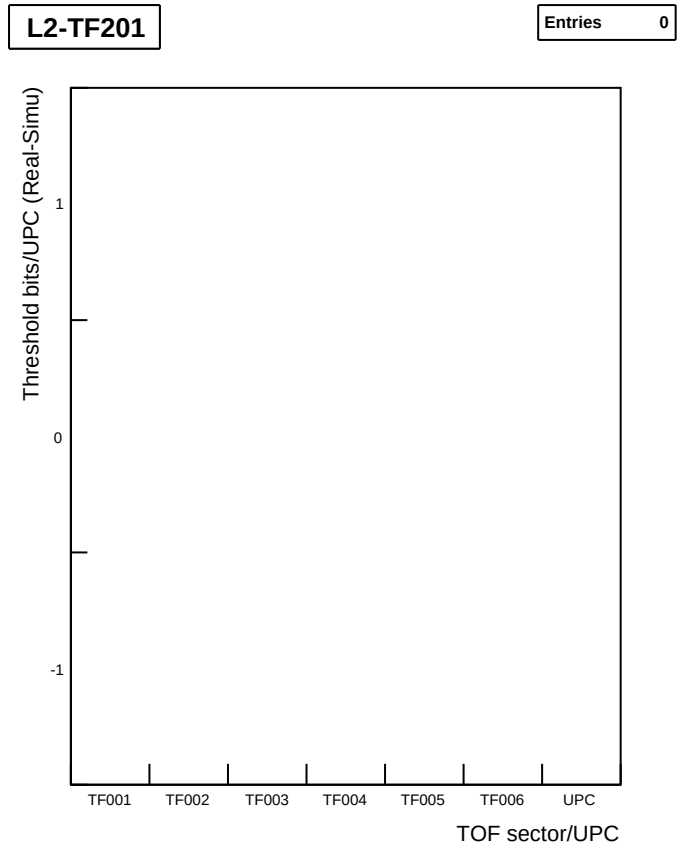

MIX-TF101
Entries 2673372
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

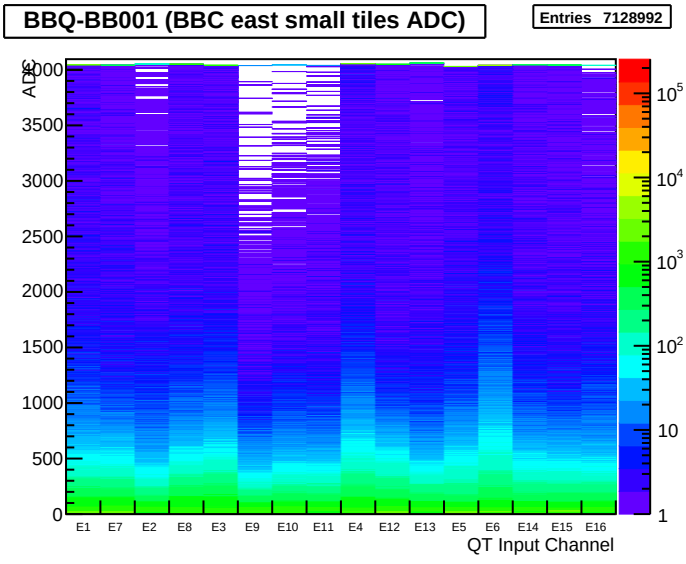

MIX-TF101
Entries 328724
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

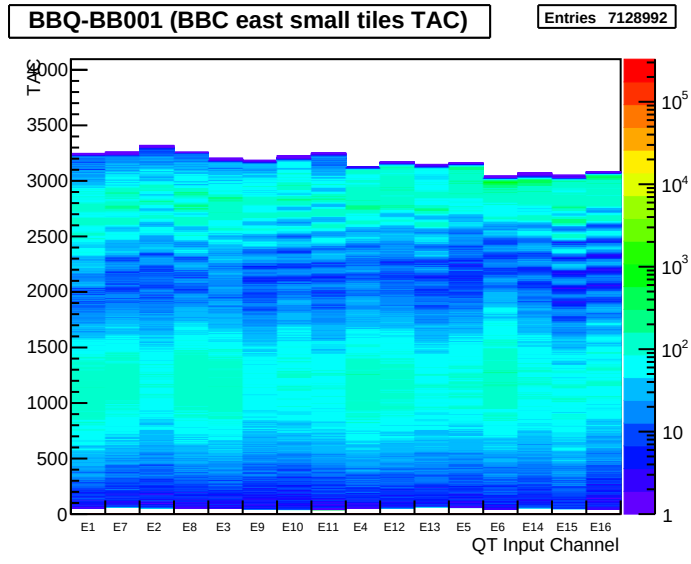

L2-TF201
Entries 445562
TOF total mult

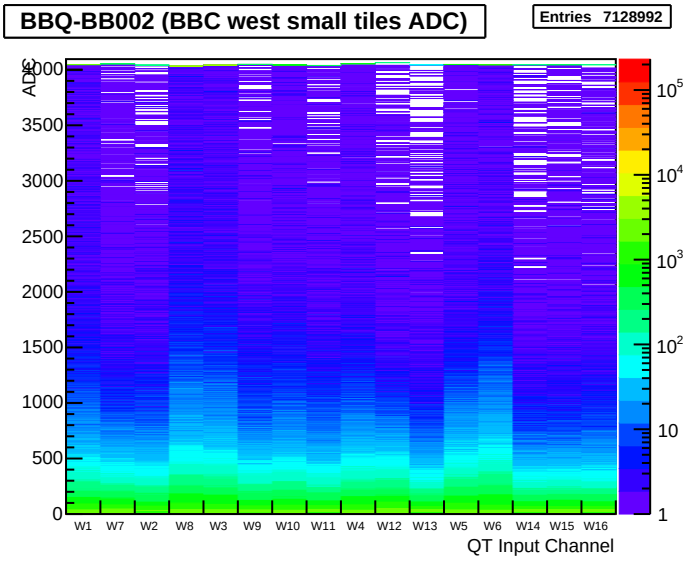

L2-TF201
Entries 0
TOF total mult(Real-Simu)

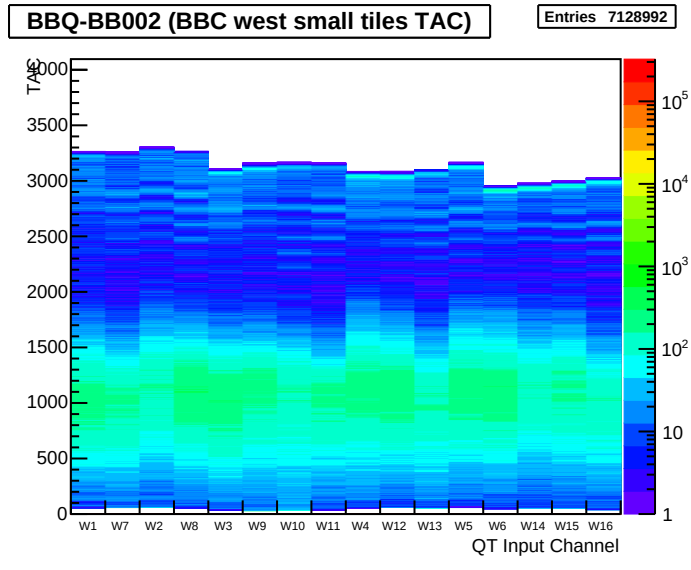

L2-TF201
Entries 3118934
Threshold/UPC bits
389043
392520
388553
392842
389607
387850
423087
56519
53042
57009
52720
55955
57712
22475
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

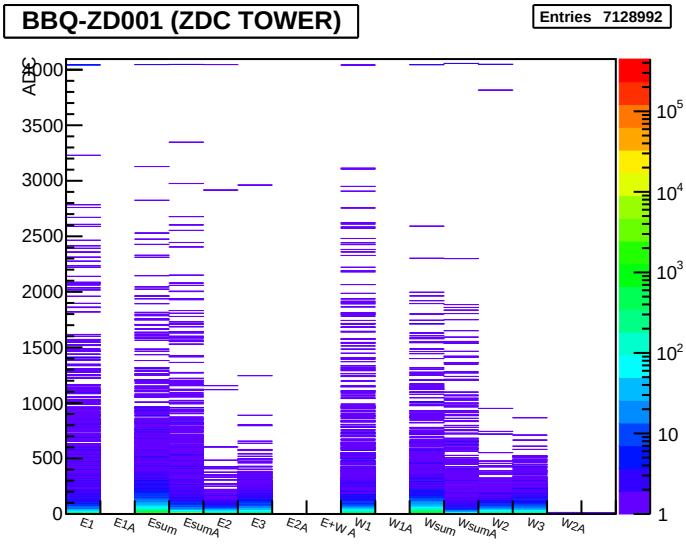

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

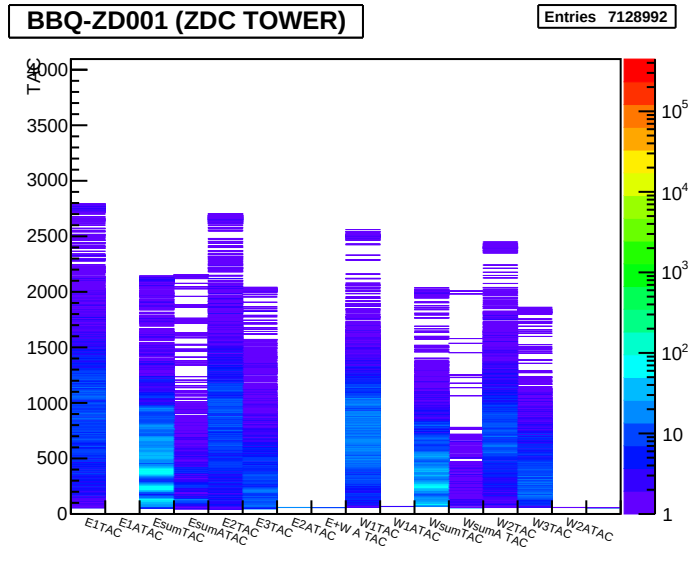

BBQ-BB001 (BBC east small tiles ADC)
Entries 7128992
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

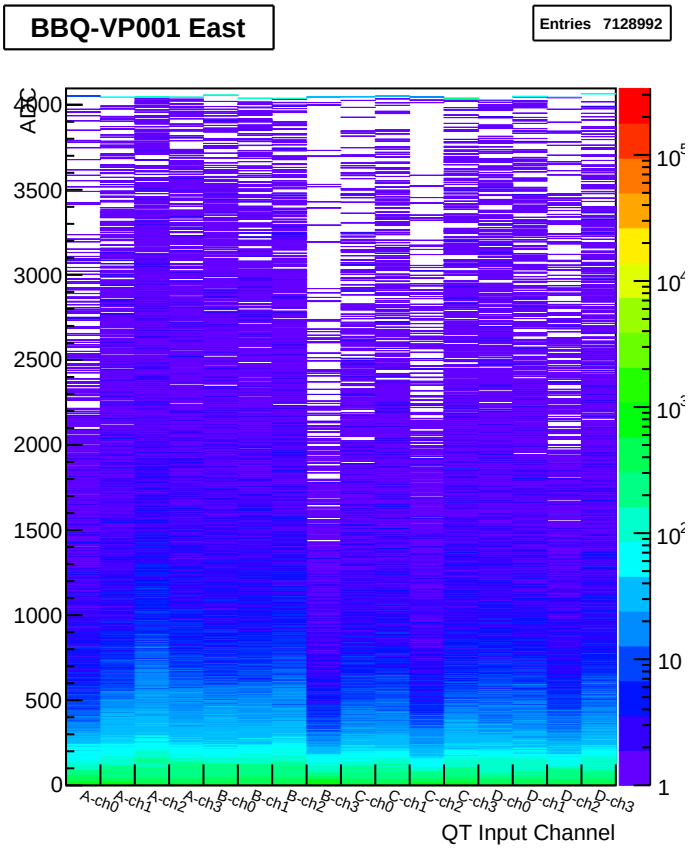

BBQ-BB001 (BBC east small tiles TAC)
Entries 7128992
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

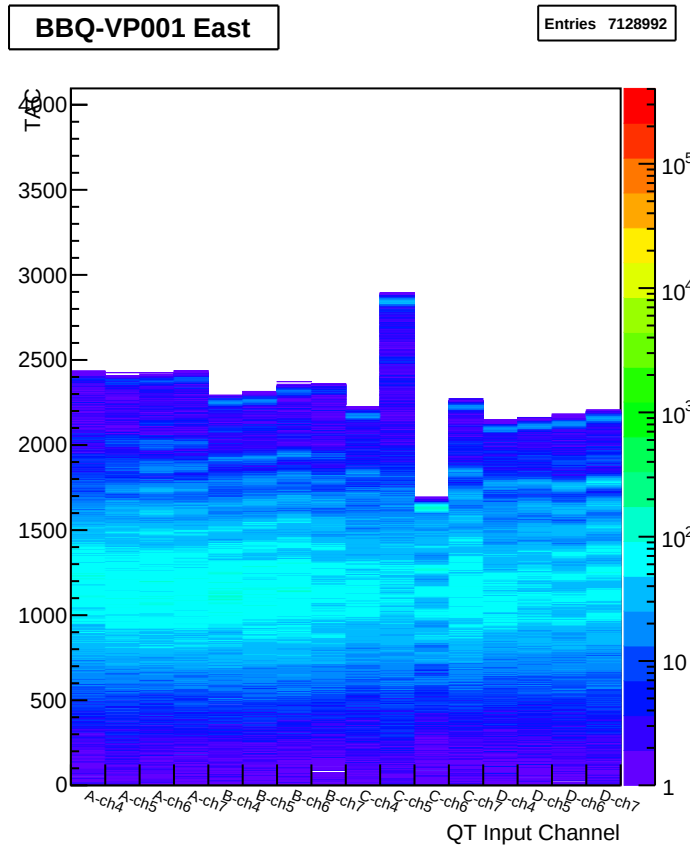

BBQ-BB002 (BBC west small tiles ADC)
Entries 7128992
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

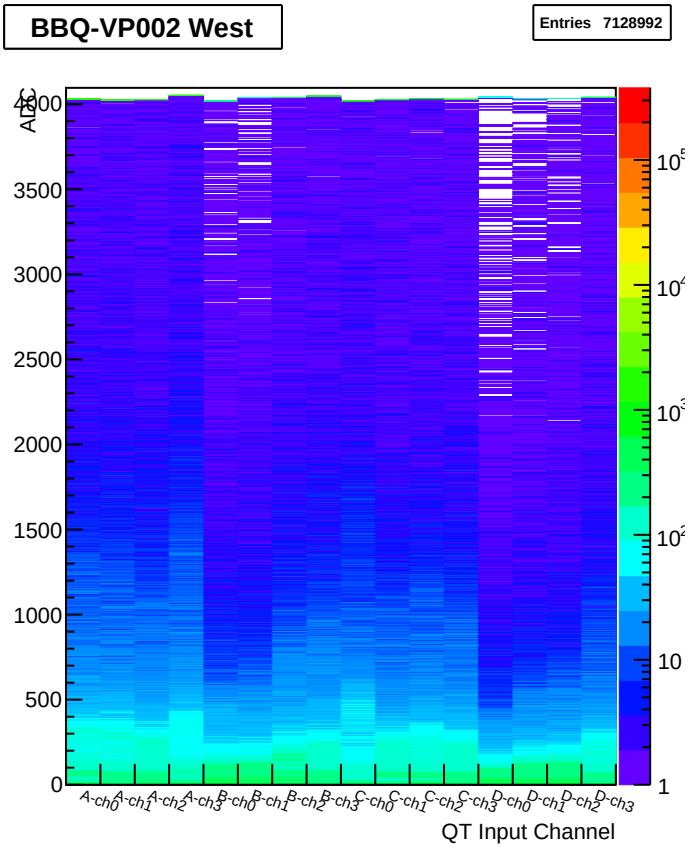

BBQ-BB002 (BBC west small tiles TAC)
Entries 7128992
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

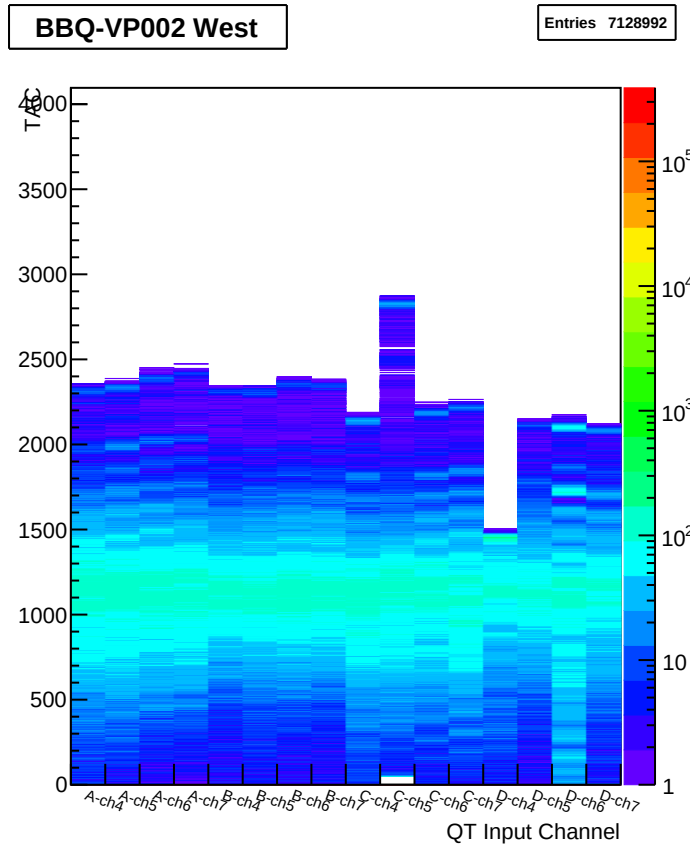

BBQ-ZD001 (ZDC TOWER)
Entries 7128992
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

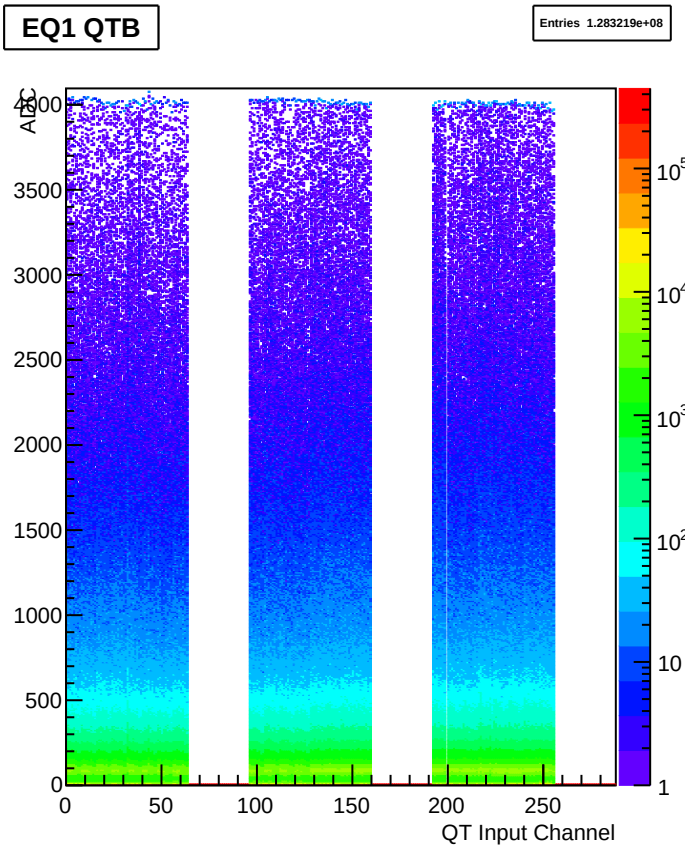

BBQ-ZD001 (ZDC TOWER)
Entries 7128992
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

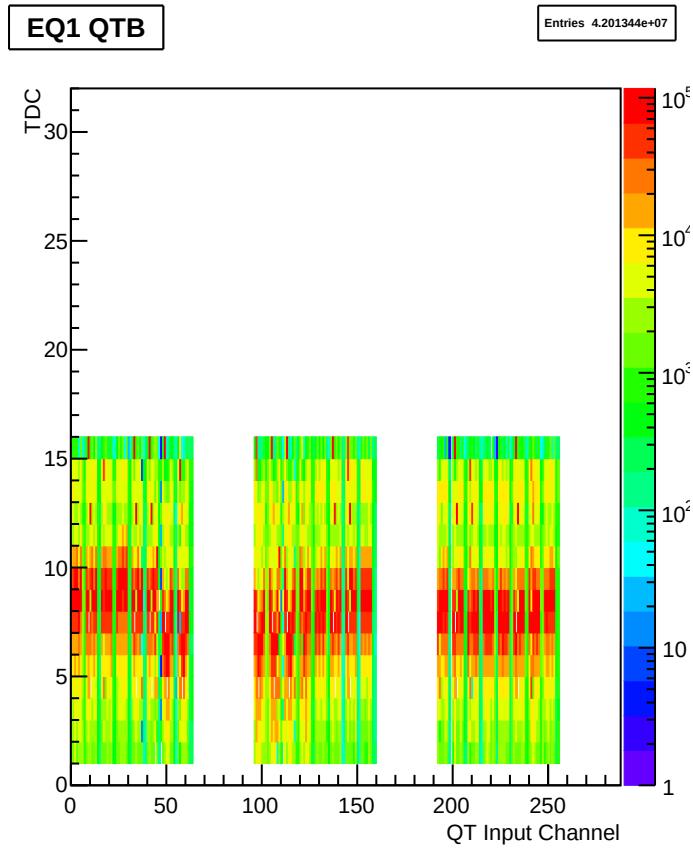

BBQ-VP001 East
Entries 7128992
ADC
QT Input Channel

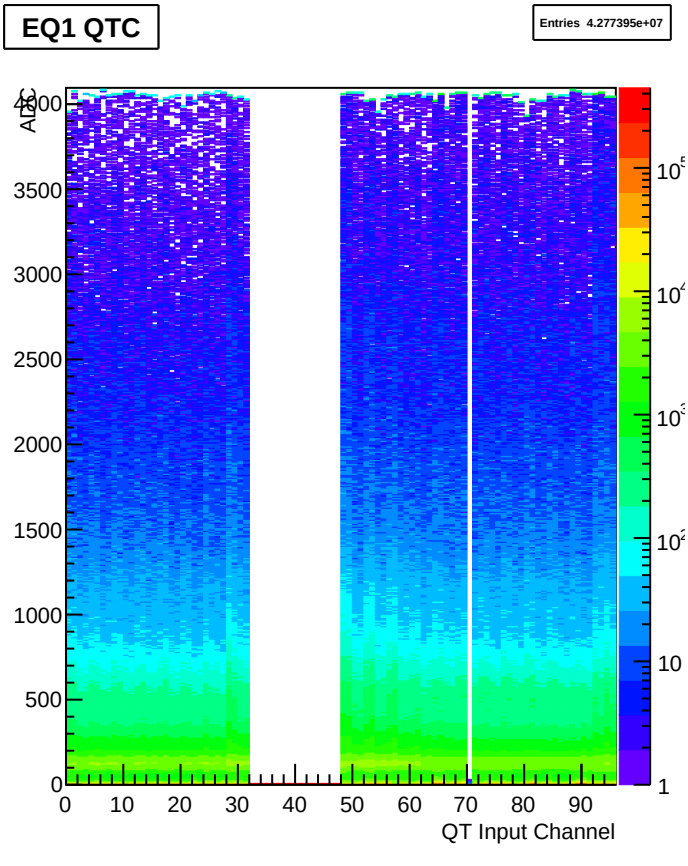

BBQ-VP001 East
Entries 7128992
TADC
QT Input Channel

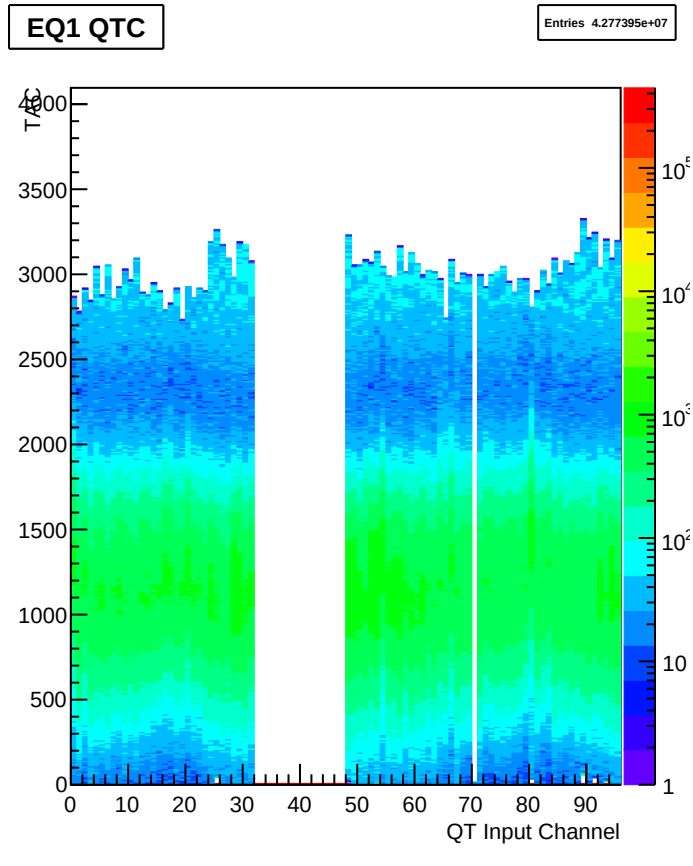

BBQ-VP002 West
Entries 7128992
ADC
QT Input Channel

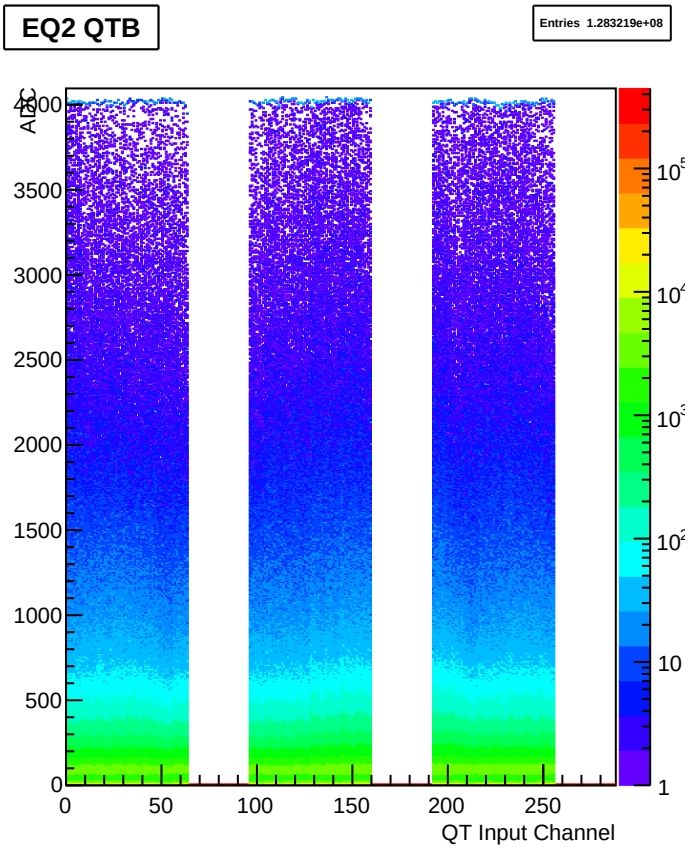

BBQ-VP002 West
Entries 7128992
TADC
QT Input Channel

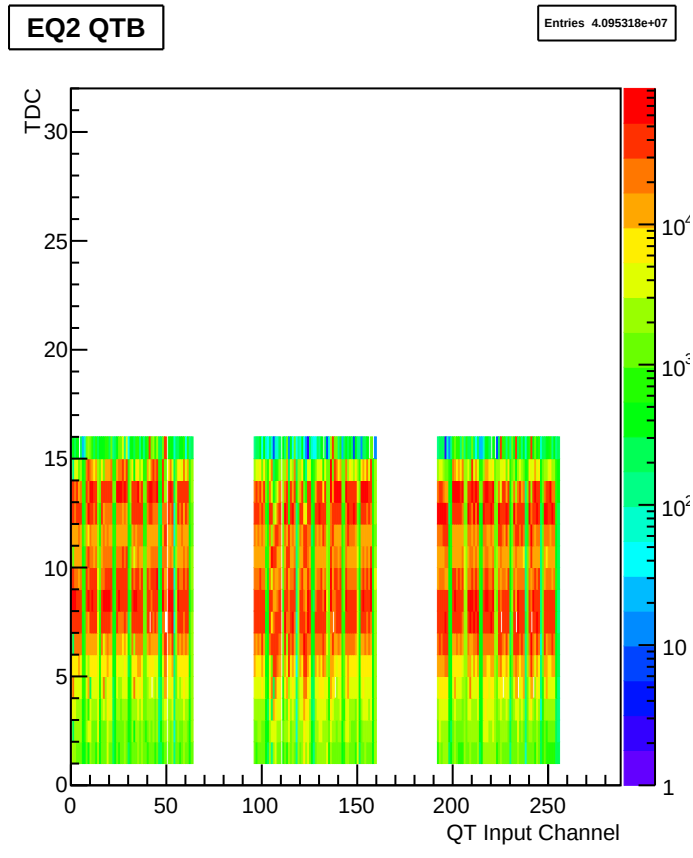

EQ1 QTB
Entries 1.283219e+08
ADC
QT Input Channel

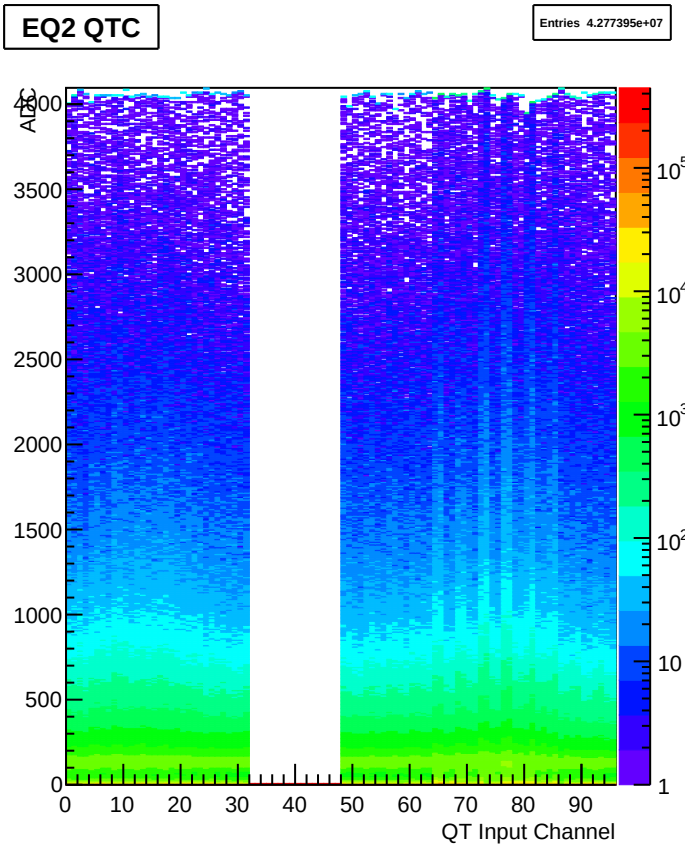

EQ1 QTB
Entries 4.201344e+07
TDC
QT Input Channel

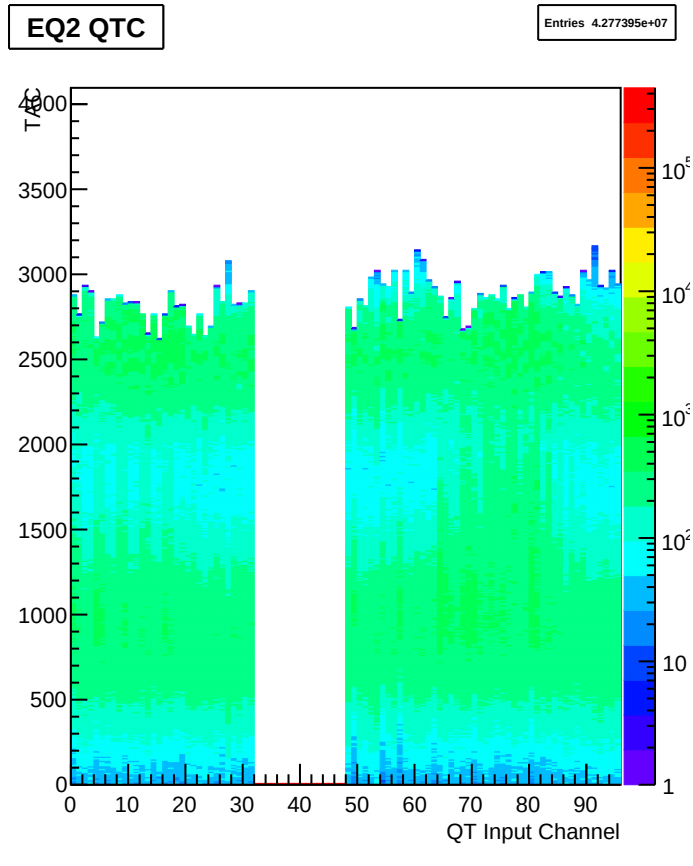

EQ1 QTC
Entries 4.277395e+07
ADC
QT Input Channel

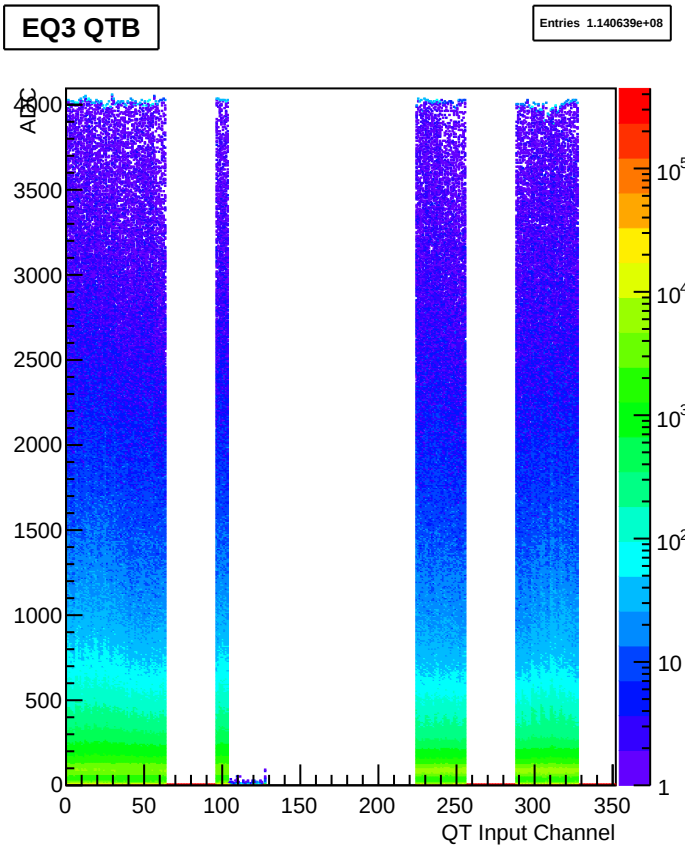

EQ1 QTC
Entries 4.277395e+07
TADC
QT Input Channel

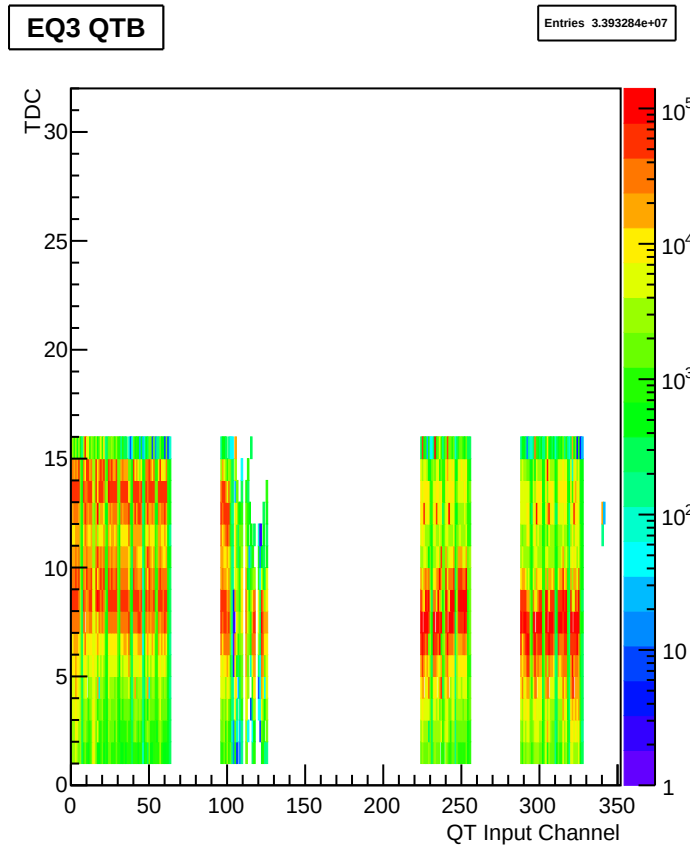

EQ2 QTB
Entries 1.283219e+08
ADC
QT Input Channel

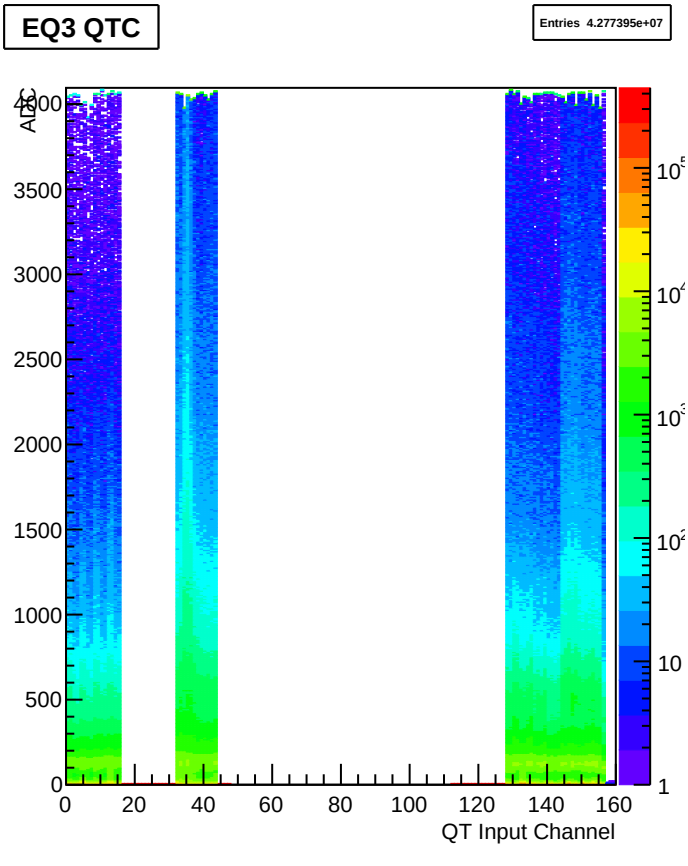

EQ2 QTB
Entries 4.095318e+07
TDC
QT Input Channel

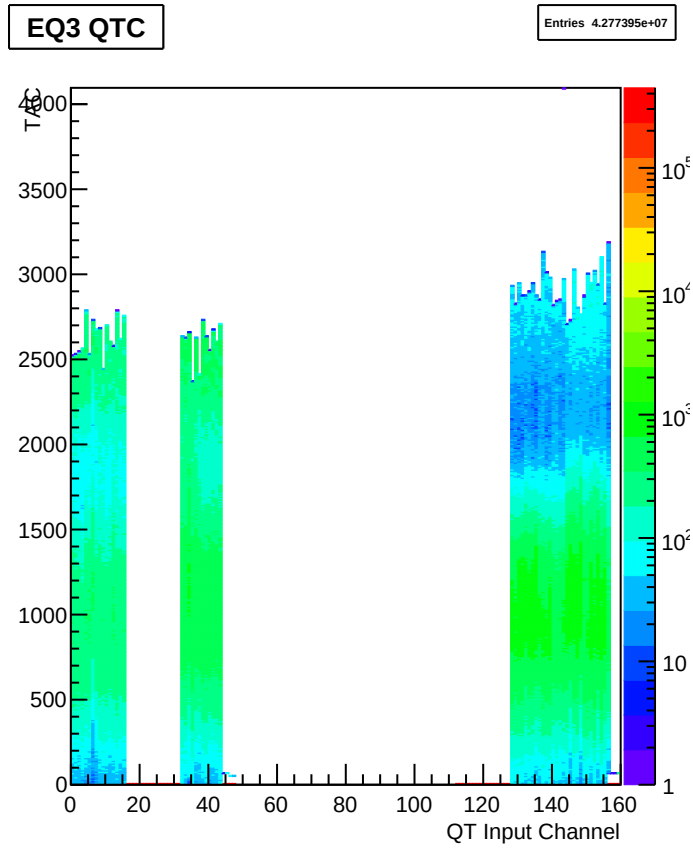

EQ2 QTC
Entries 4.277395e+07
ADC
QT Input Channel

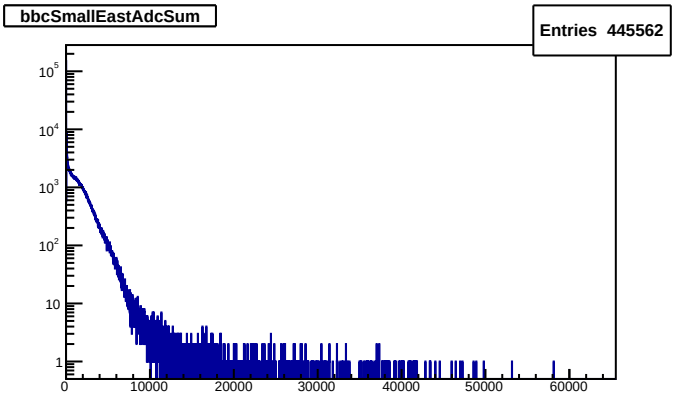

EQ2 QTC
Entries 4.277395e+07
TADC
QT Input Channel

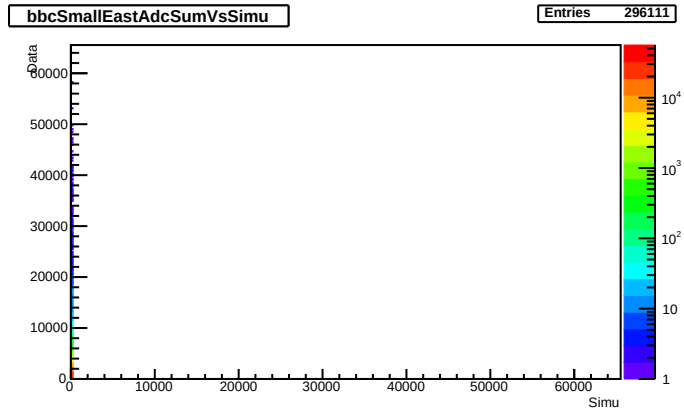

EQ3 QTB
Entries 1.140639e+08
ADC
QT Input Channel

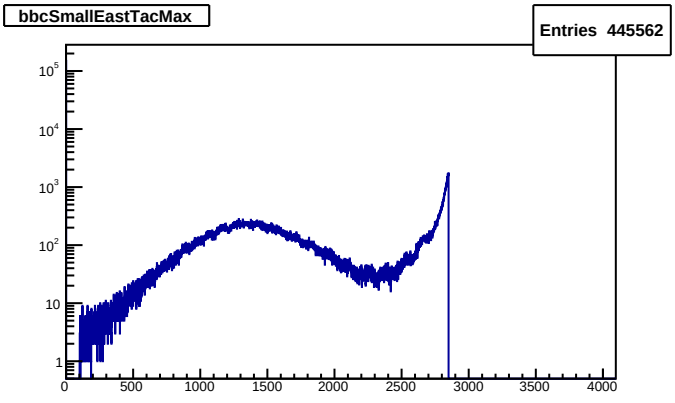

EQ3 QTB
Entries 3.393284e+07
TDC
QT Input Channel

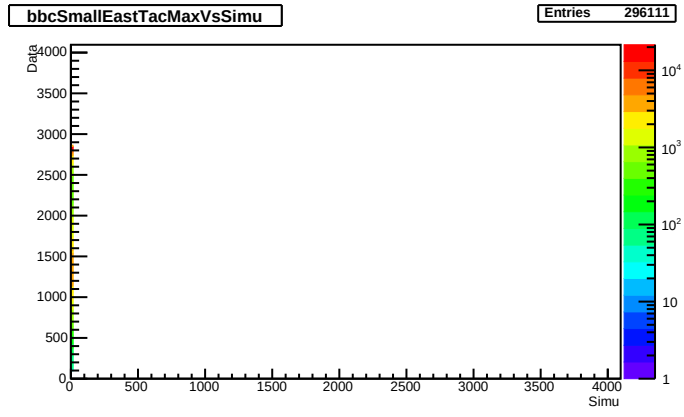

EQ3 QTC
Entries 4.277395e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.277395e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 445562


bbcSmallEastAdcSumVsSimu
Entries 296111
Data
Simu


bbcSmallEastTacMax
Entries 445562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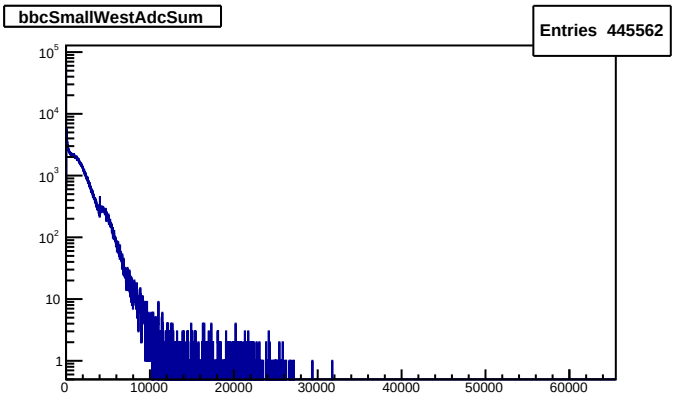
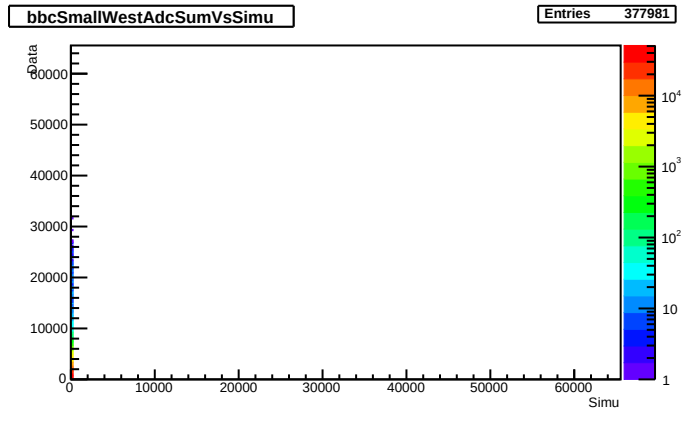
Entries 296111
Data
Simu


bbcSmallWestAdcSum
Entries 445562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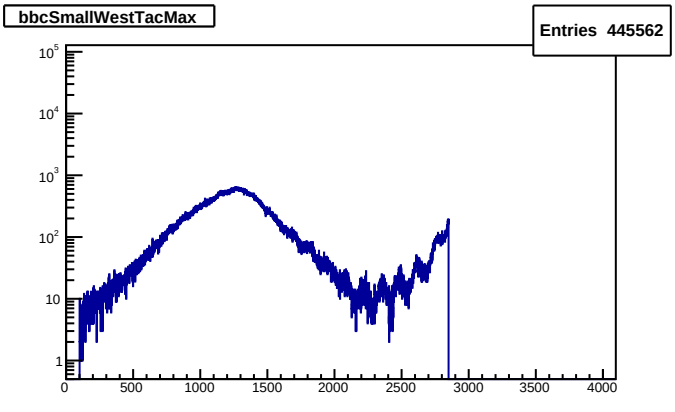
Entries 377981
Data
Simu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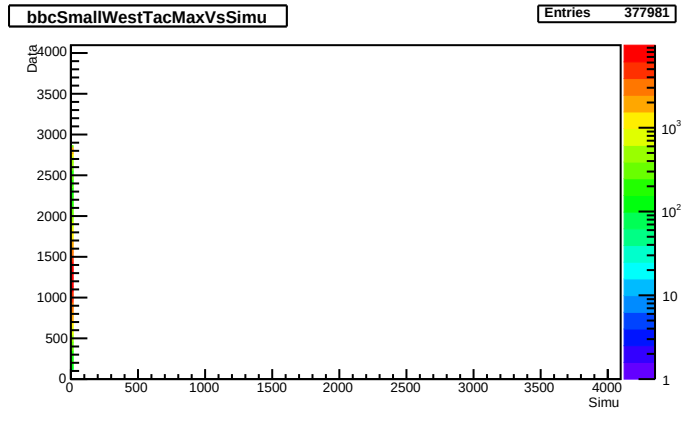
Entries 445562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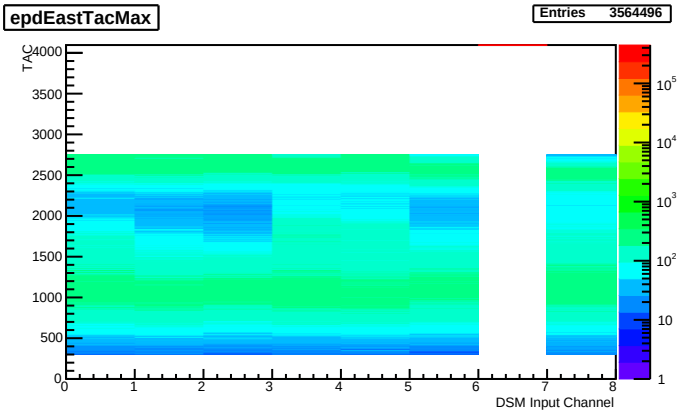
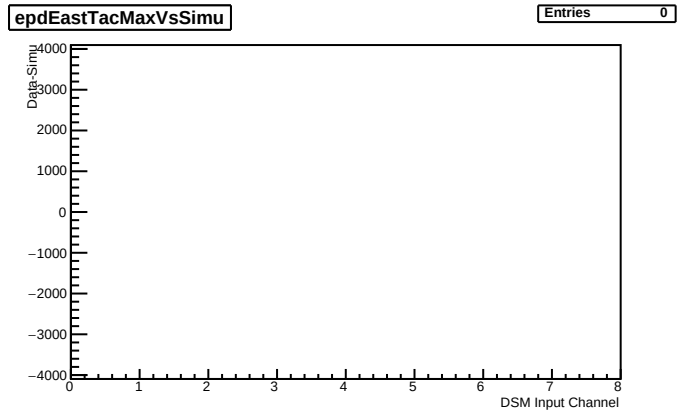
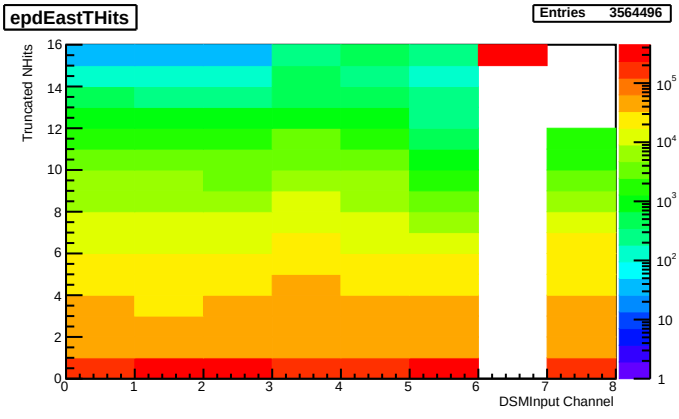
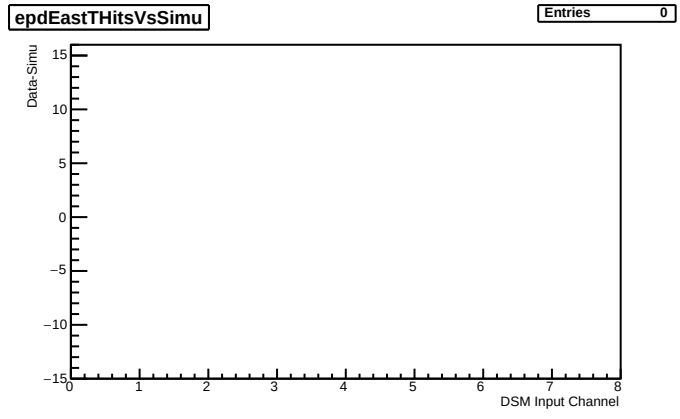
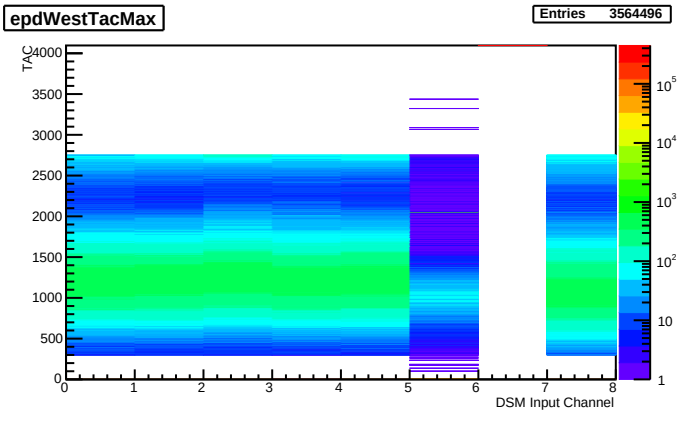
Entries 377981
Data
Simu


epdEastTacMax
Entries 3564496
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3564496
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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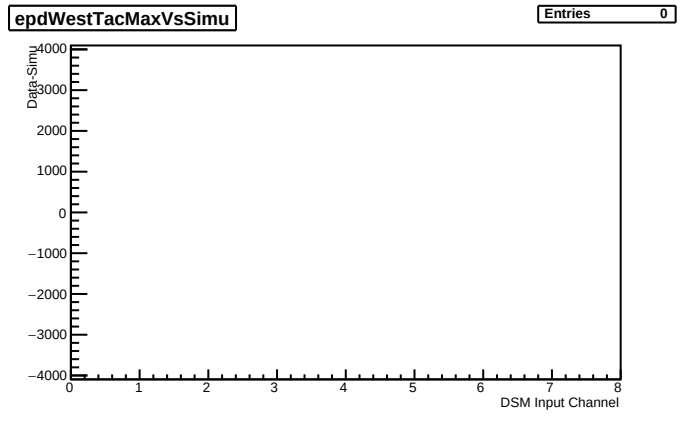
Entries 3564496
TAC
DSM Input Channel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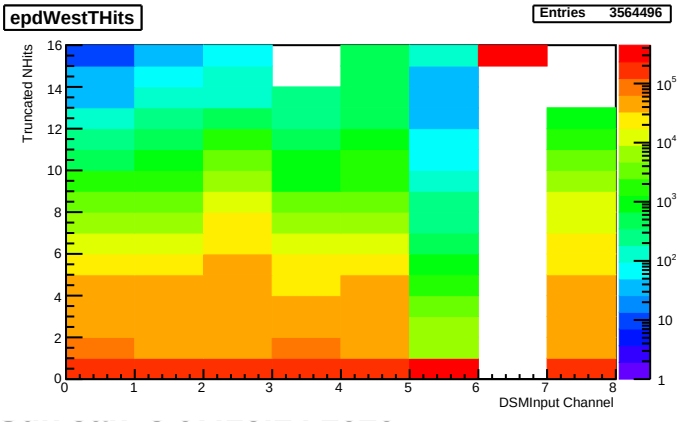
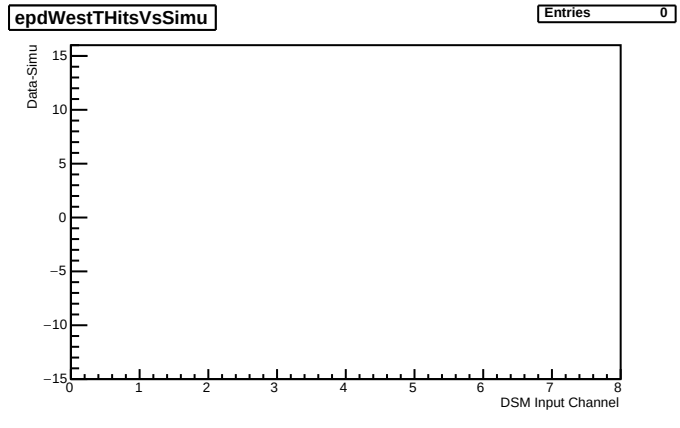
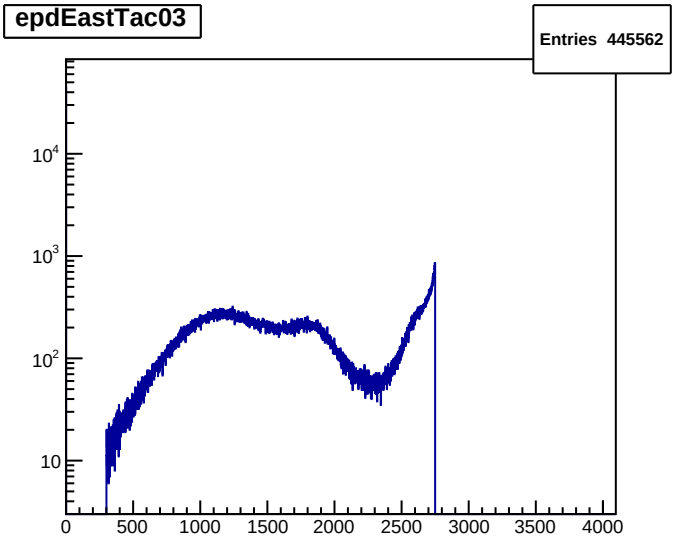
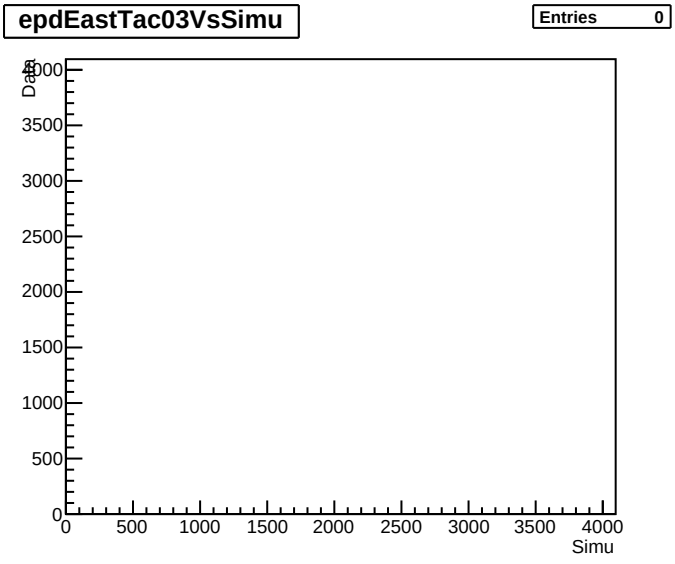
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3564496
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 445562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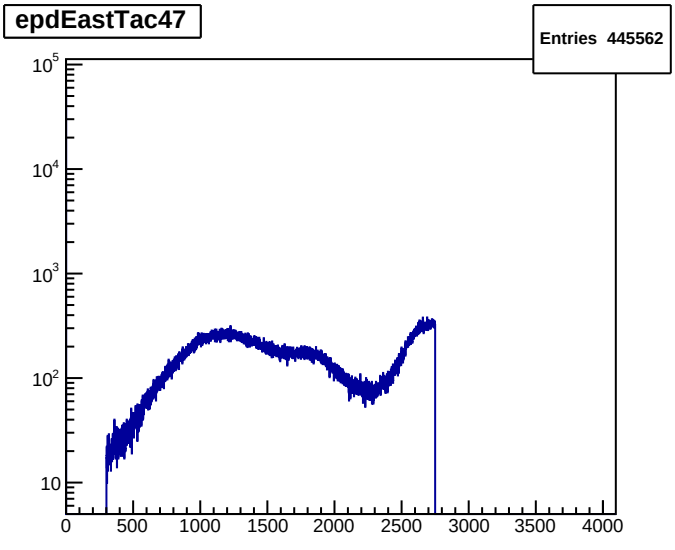
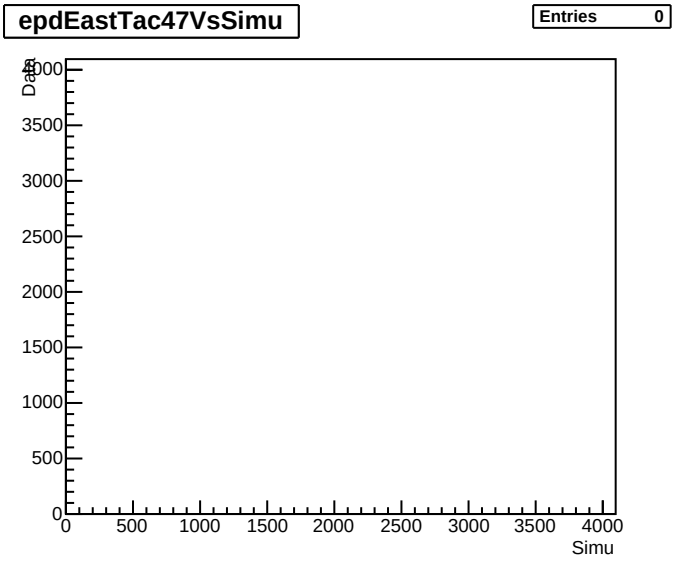
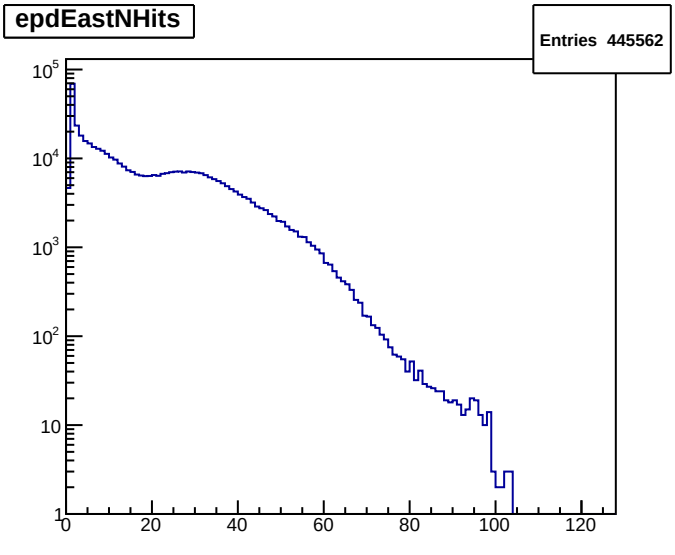
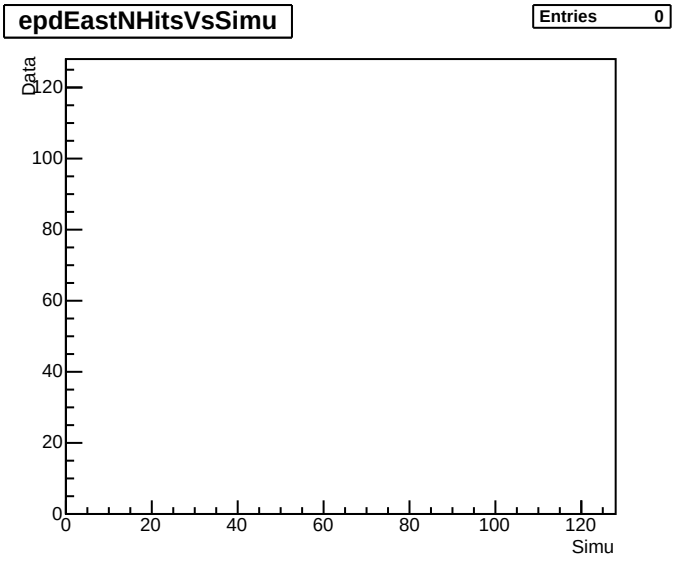
Entries 0
Data
Simu


epdEastTac47
Entries 445562


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 445562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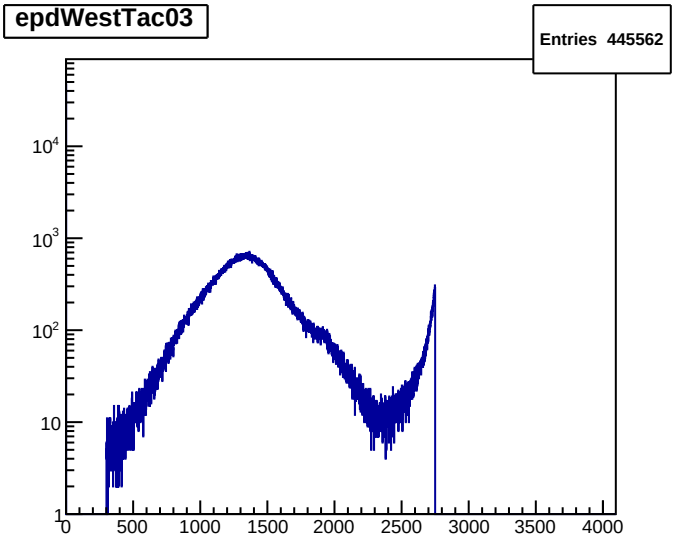
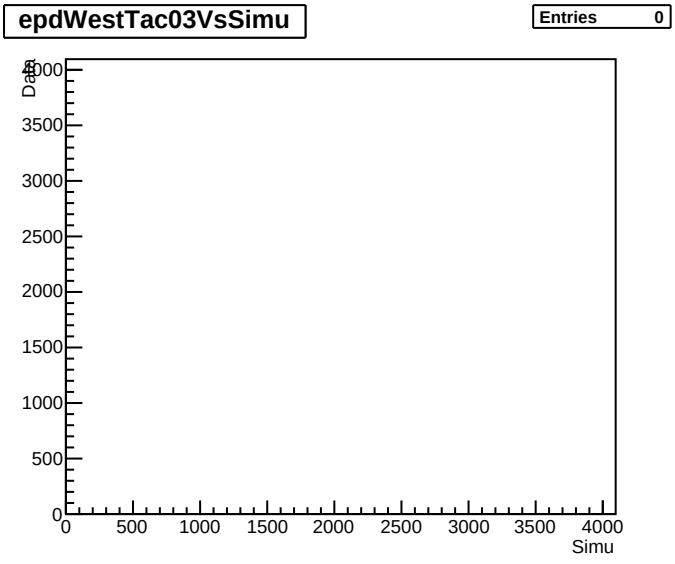
Entries 0
Data
Simu


epdWestTac03
Entries 445562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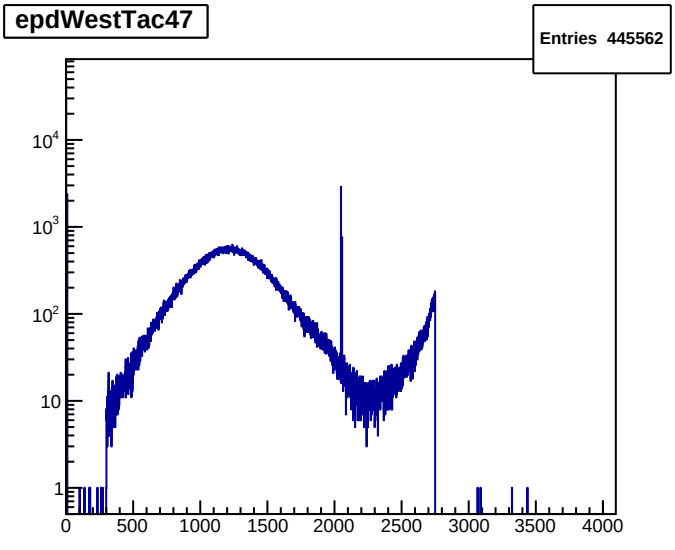
Entries 0
Data
Simu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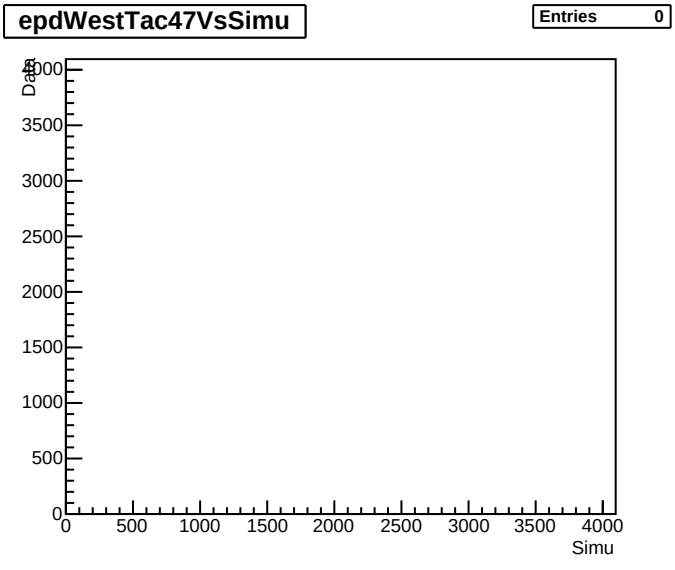
Entries 445562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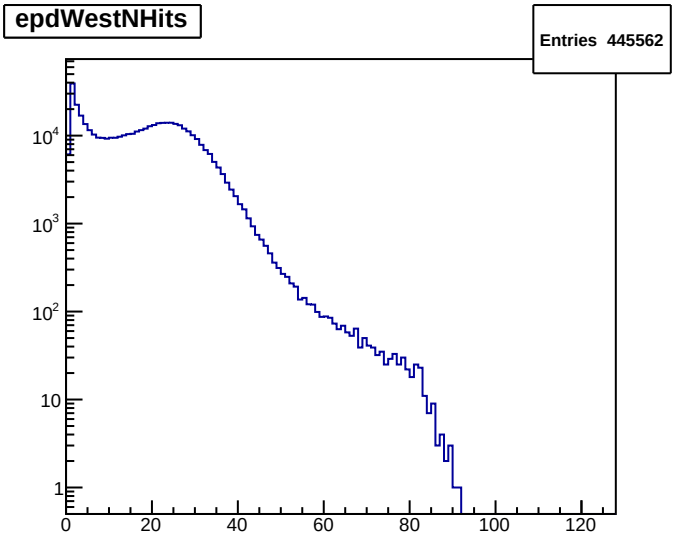
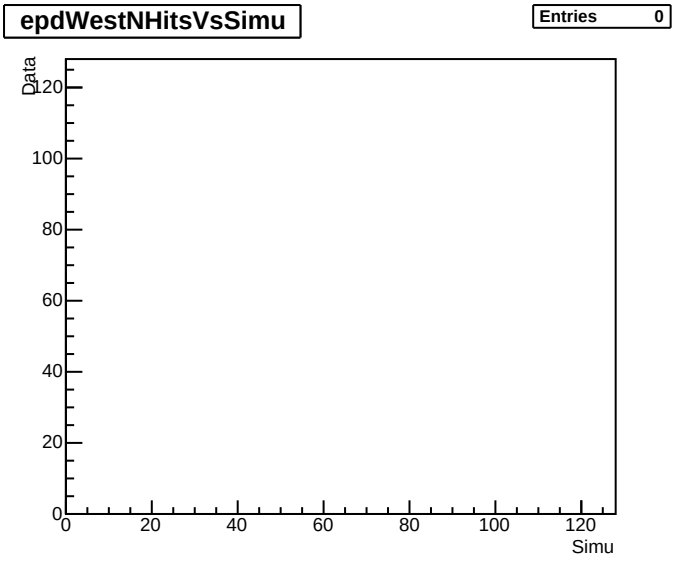
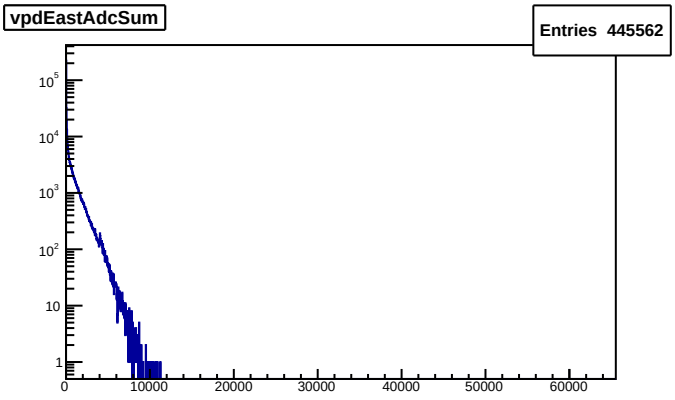
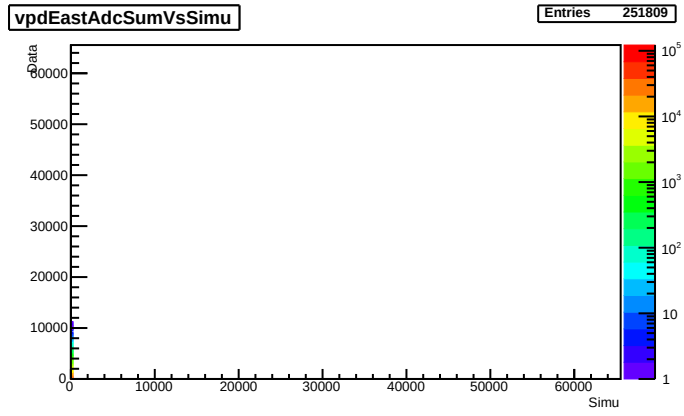
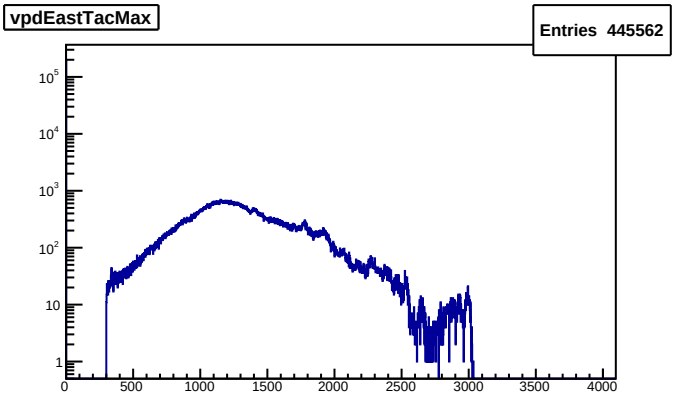
Entries 0
Data
Simu

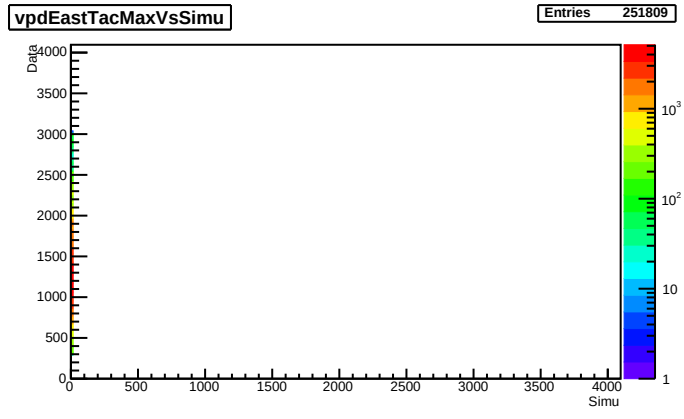

epdWestNHits
Entries 445562

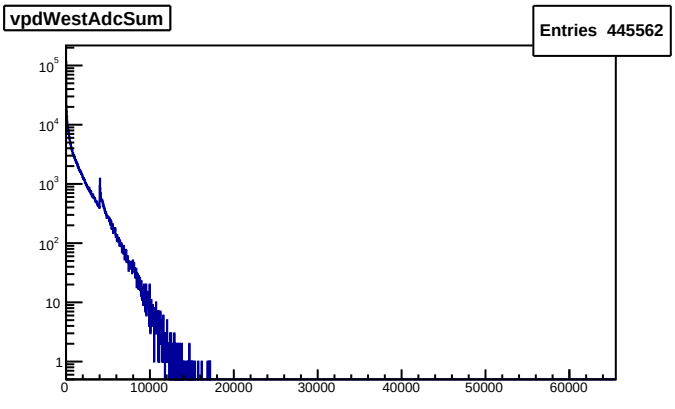

epdWestNHitsVsSimu
Entries 0
Data
Simu

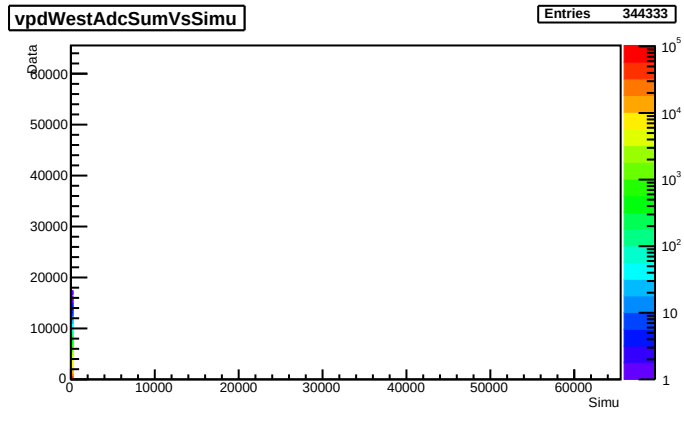

vpdEastAdcSum
Entries 445562

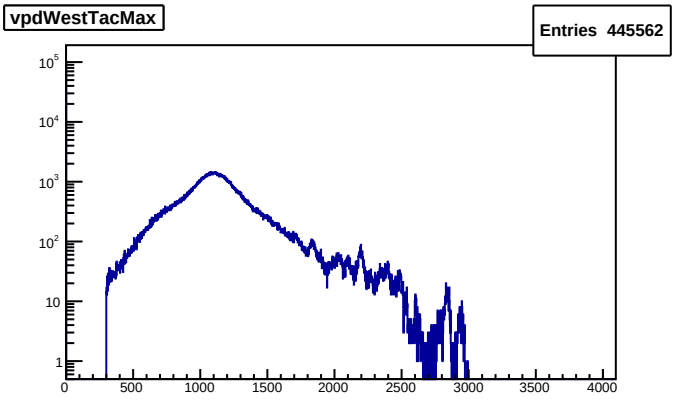

vpdEastAdcSumVsSimu
Entries 251809
Data
Simu

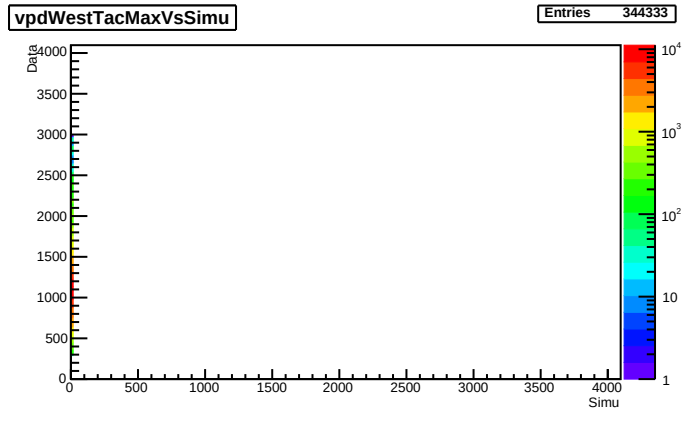

vpdEastTacMax
Entries 445562

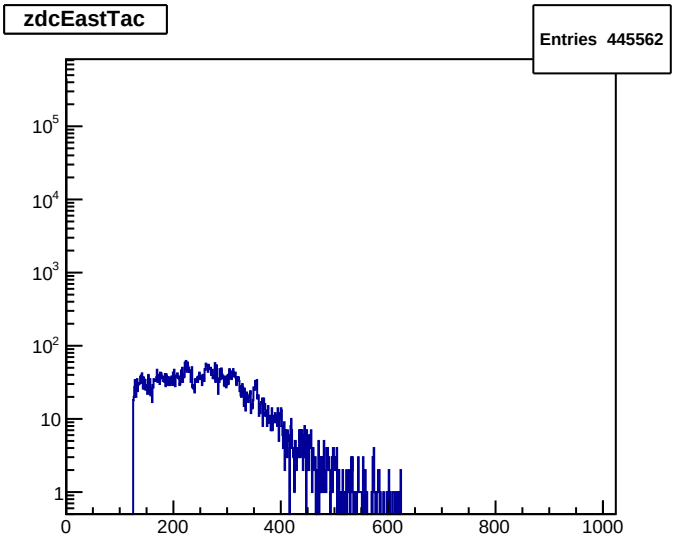

vpdEastTacMaxVsSimu
Entries 251809
Data
Simu

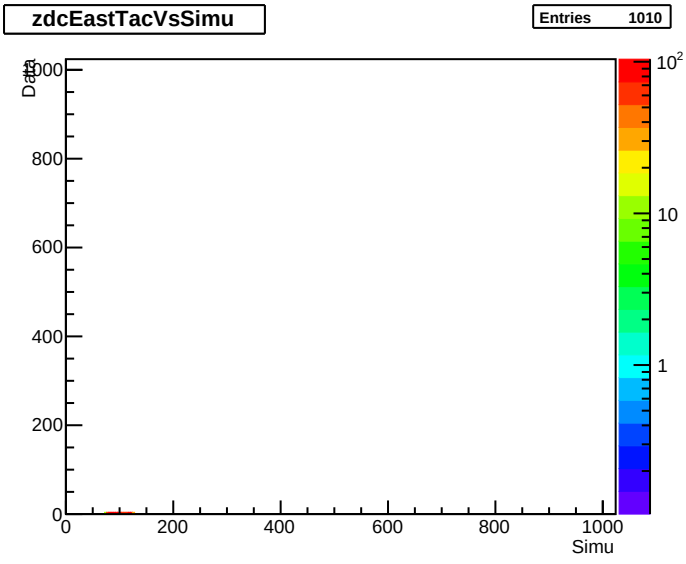

vpdWestAdcSum
Entries 445562

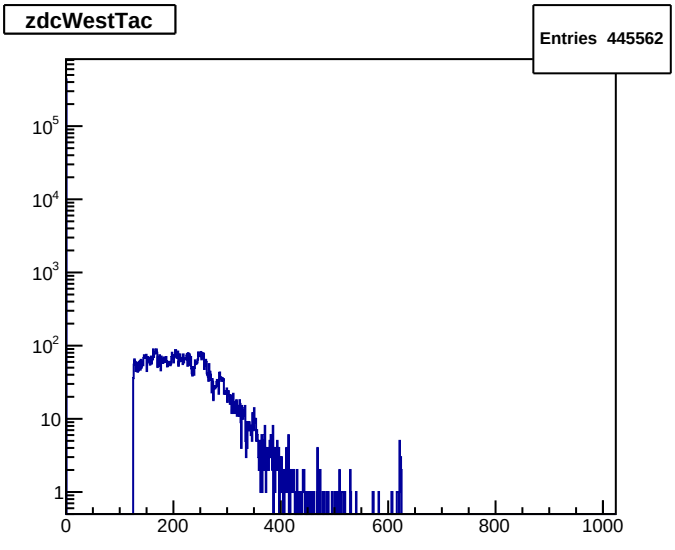

vpdWestAdcSumVsSimu
Entries 344333
Data
Simu

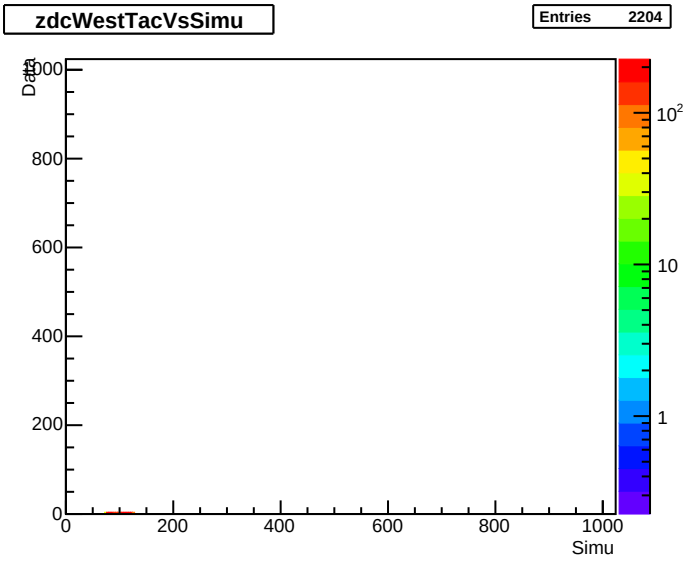

vpdWestTacMax
Entries 445562

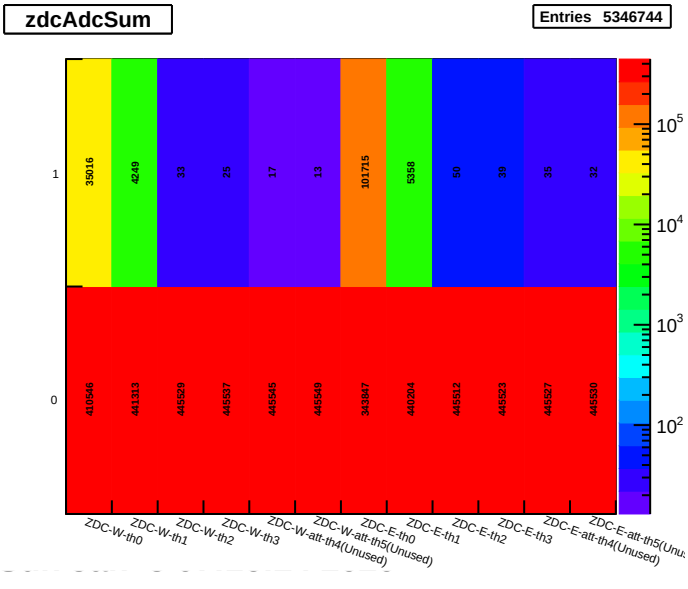

vpdWestTacMaxVsSimu
Entries 344333
Data
Simu

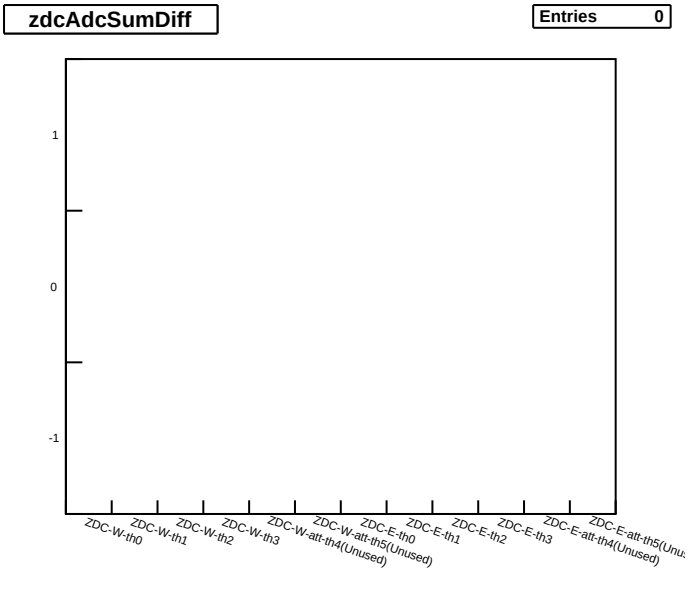

zdcEastTac
Entries 445562

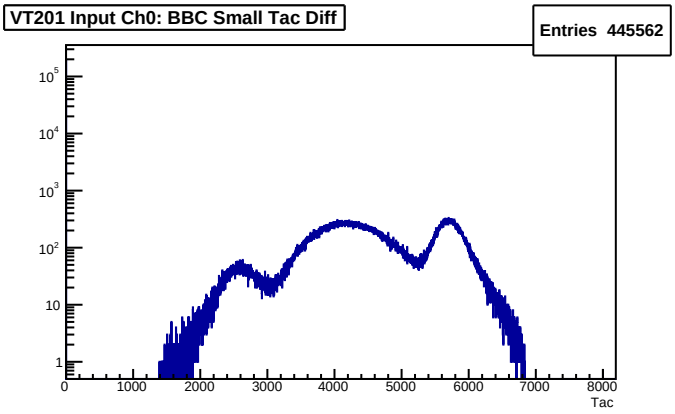

zdcEastTacVsSimu
Entries 1010
Data
Simu

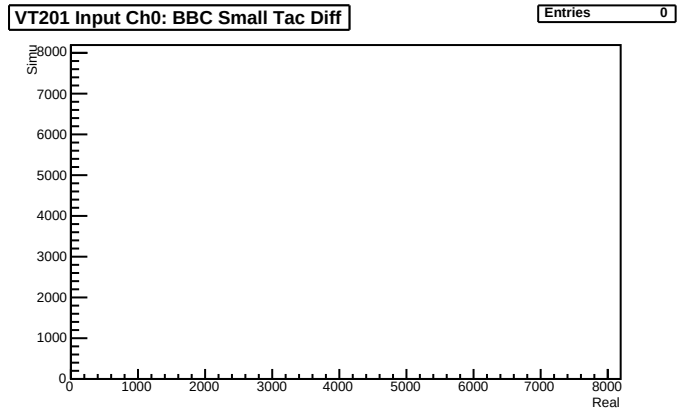

zdcWestTac
Entries 445562

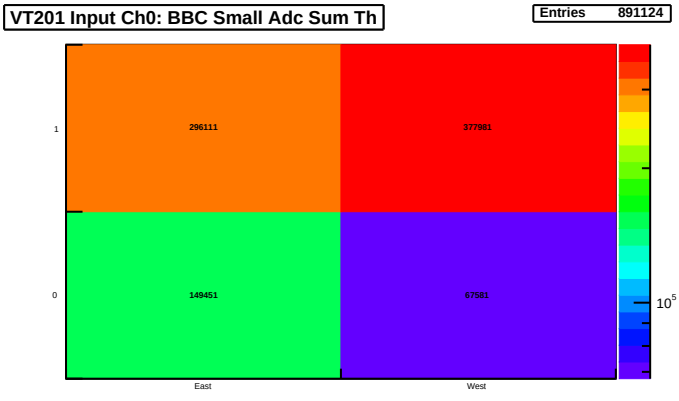

zdcWestTacVsSimu
Entries 2204
Data
Simu

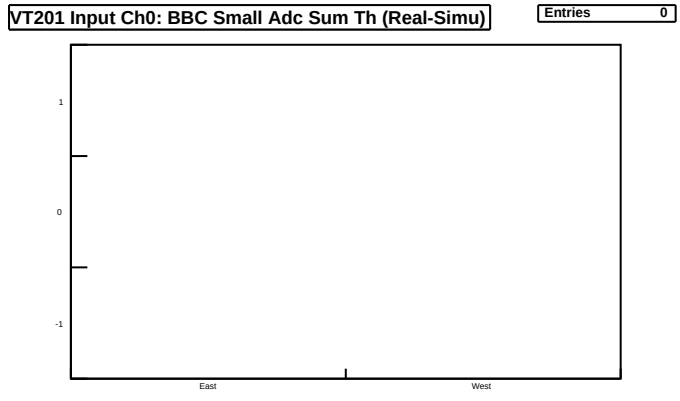

zdcAdcSum
Entries 5346744
35016
4249
33
25
17
13
101715
5358
50
39
35
32
410546
441313
445529
445537
445545
445549
343847
440204
445512
445523
445527
445530
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

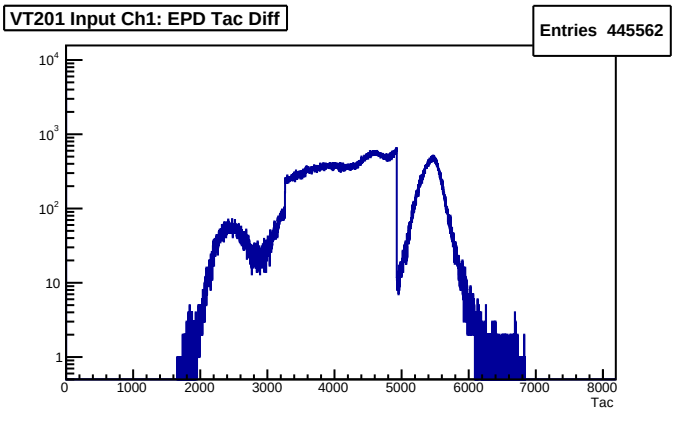

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

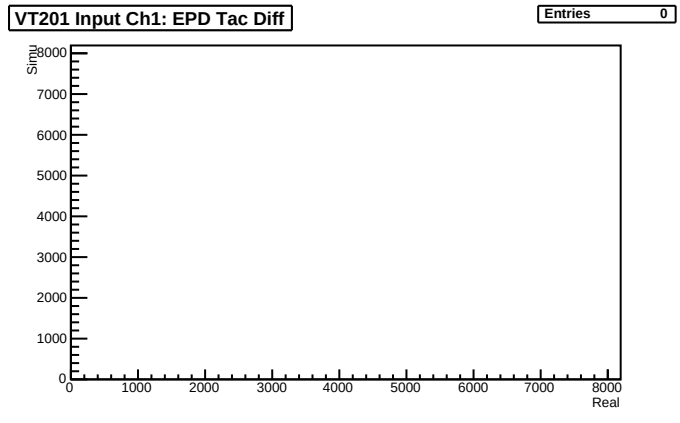

VT201 Input Ch0: BBC Small Tac Diff
Entries 445562
Tac

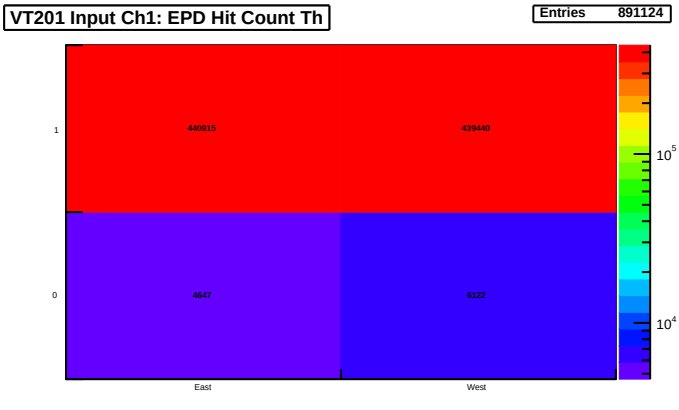

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

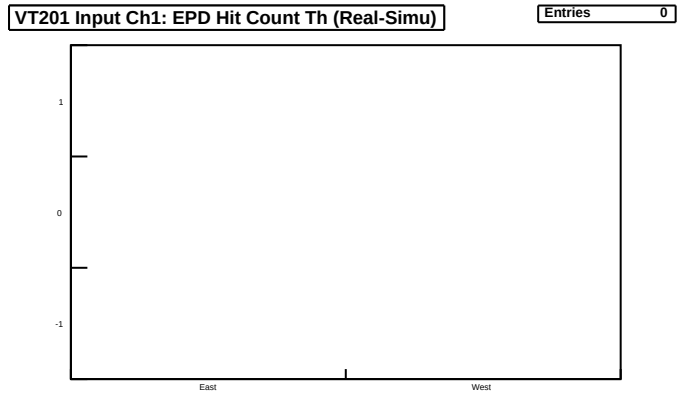

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 891124
296111
377981
149451
67581
East
West

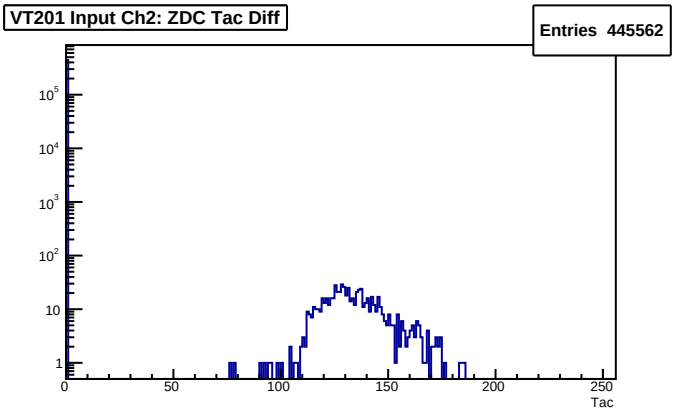

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

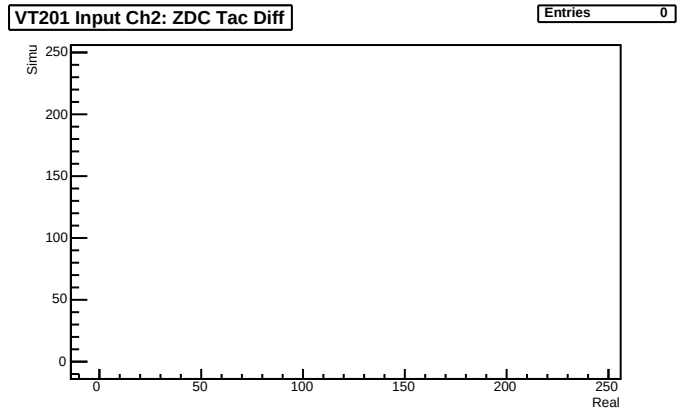

VT201 Input Ch1: EPD Tac Diff
Entries 445562
Tac

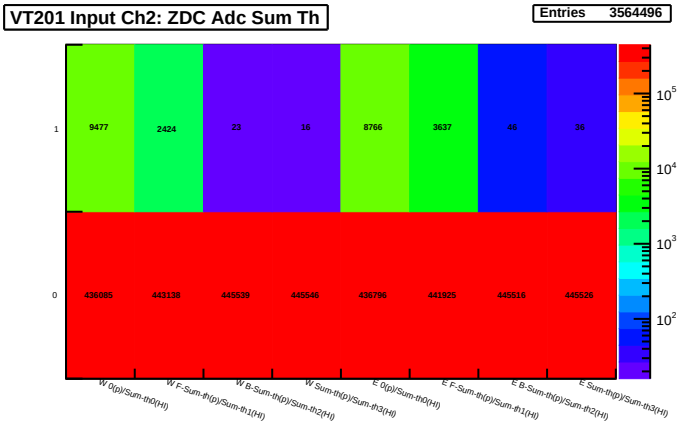

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

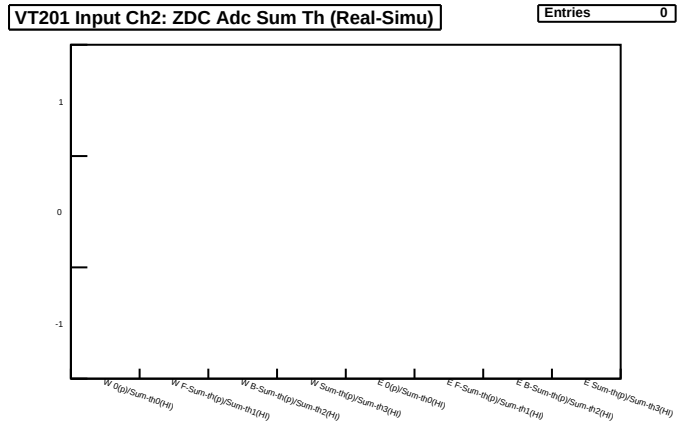

VT201 Input Ch1: EPD Hit Count Th
Entries 891124
440915
439440
4647
6122
East
West

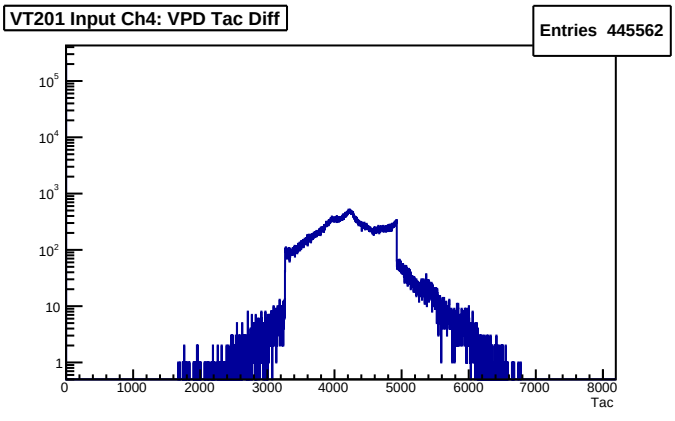

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

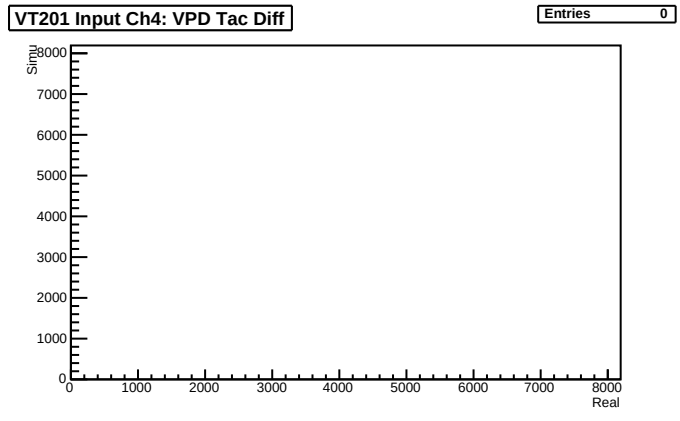

VT201 Input Ch2: ZDC Tac Diff
Entries 445562
Tac

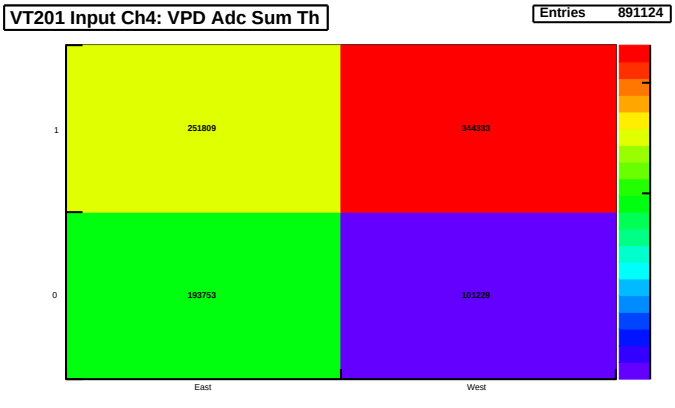

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

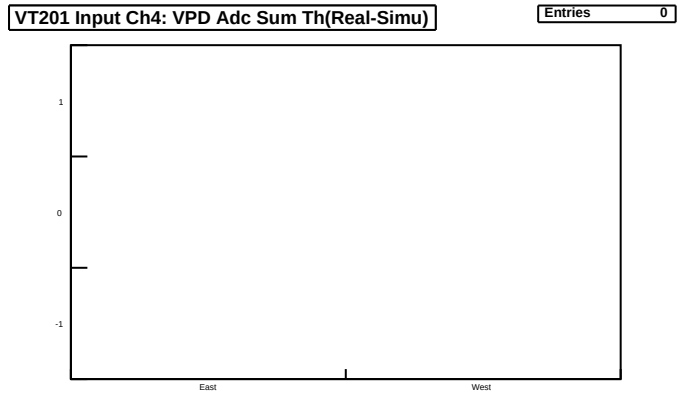

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3564496
9477
2424
23
16
8766
3637
46
36
436085
443138
445539
445546
436796
441925
445516
445526
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

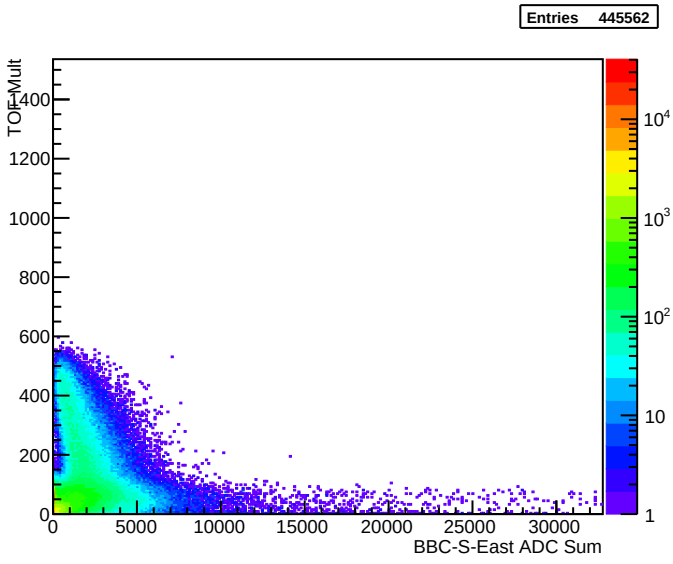

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

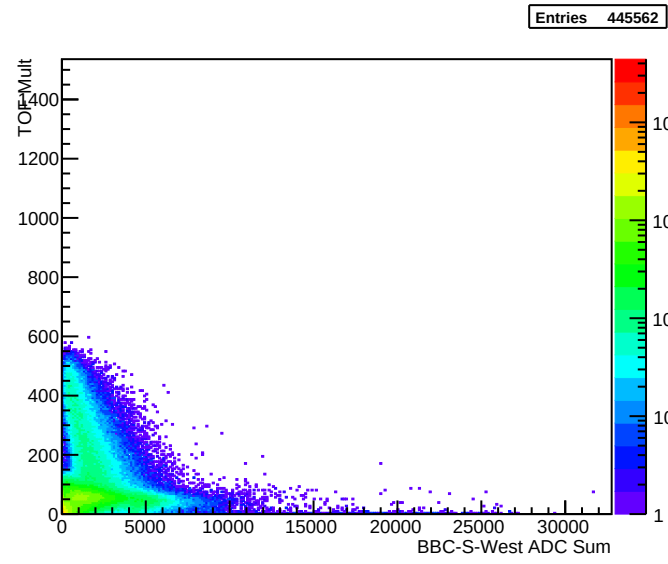

VT201 Input Ch4: VPD Tac Diff
Entries 445562
Tac

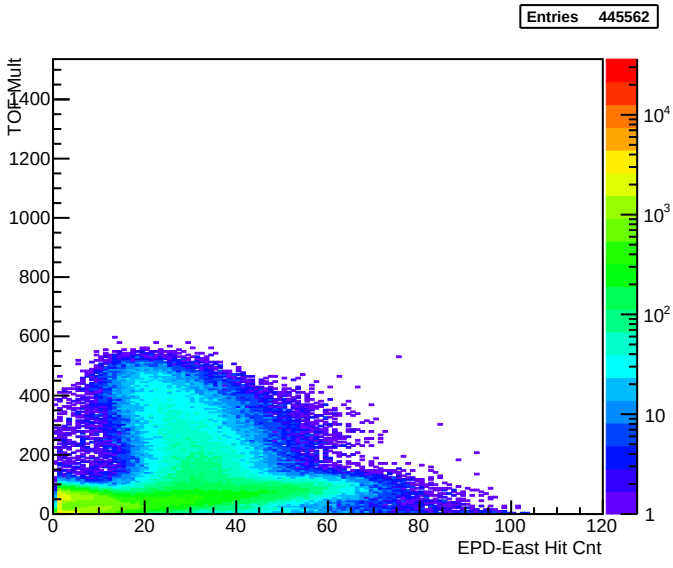

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

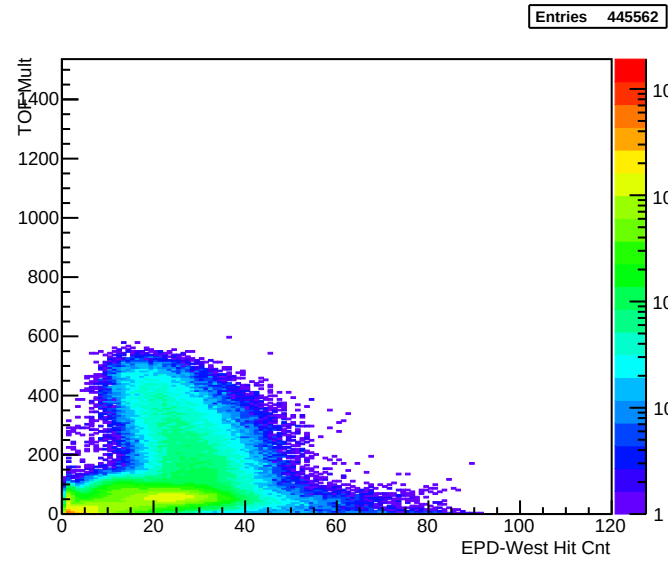

VT201 Input Ch4: VPD Adc Sum Th
Entries 891124
251809
344333
193753
101229
East
West

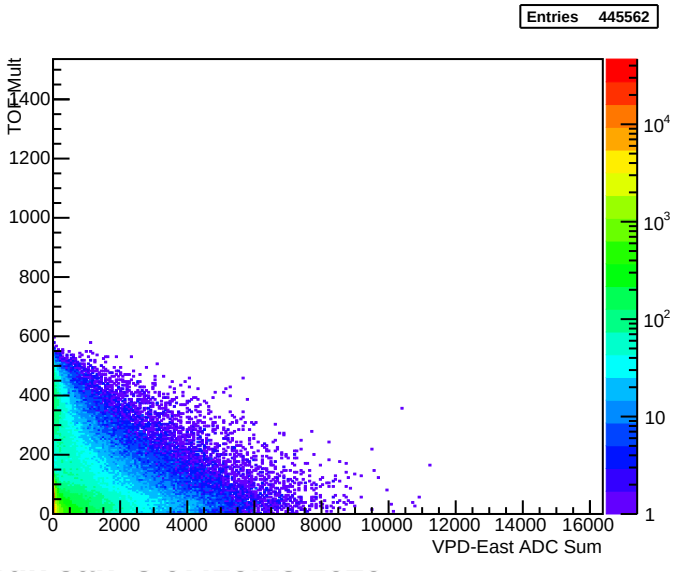

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

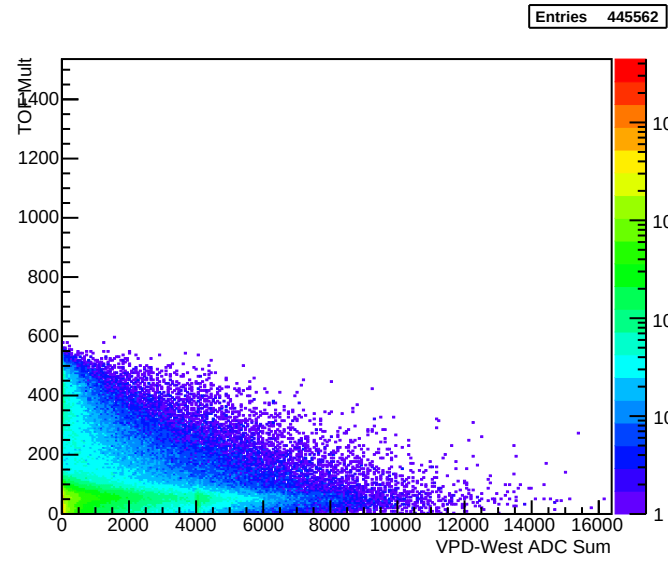

Entries 445562
TOF-Mult
BBC-S-East ADC Sum

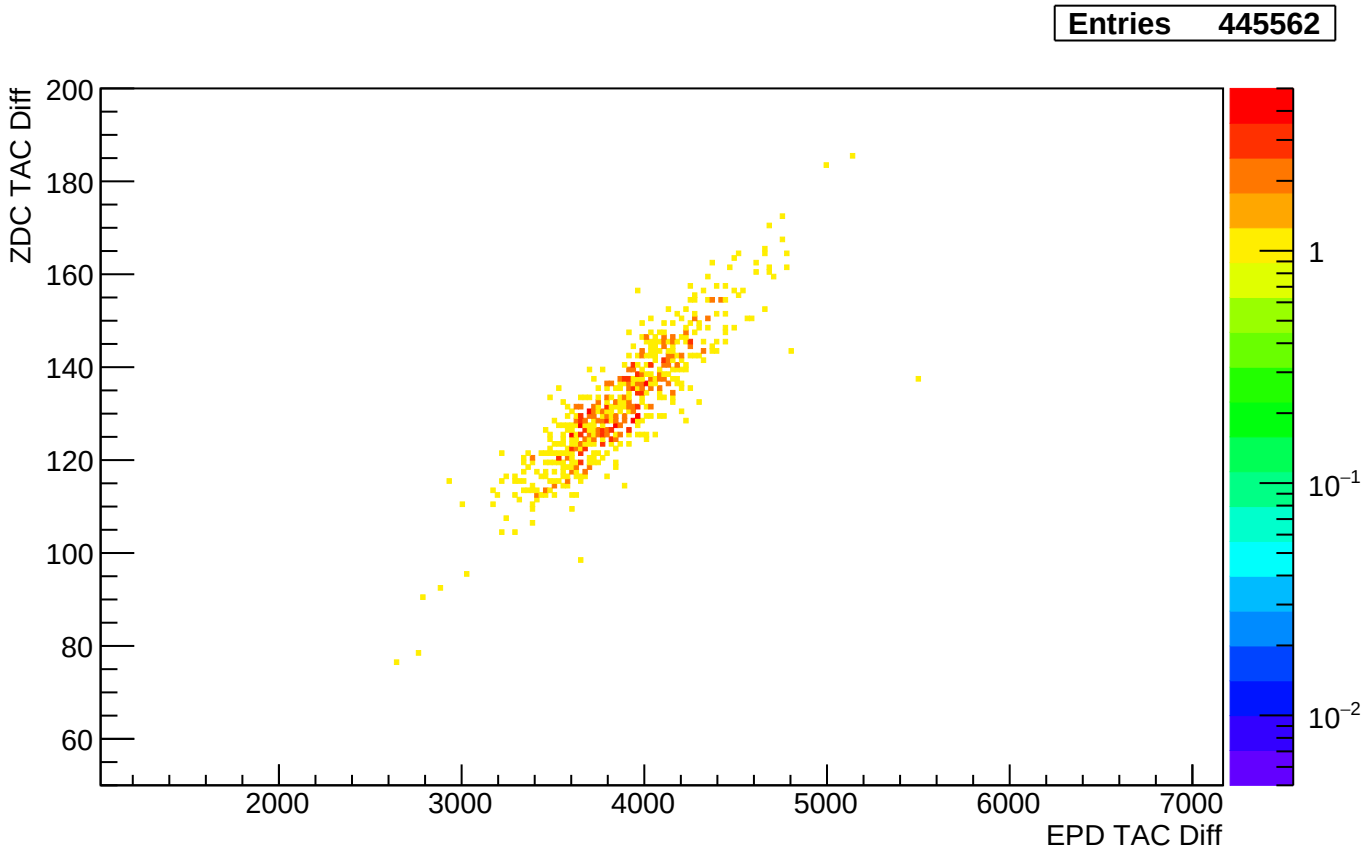

Entries 445562
TOF-Mult
BBC-S-West ADC Sum

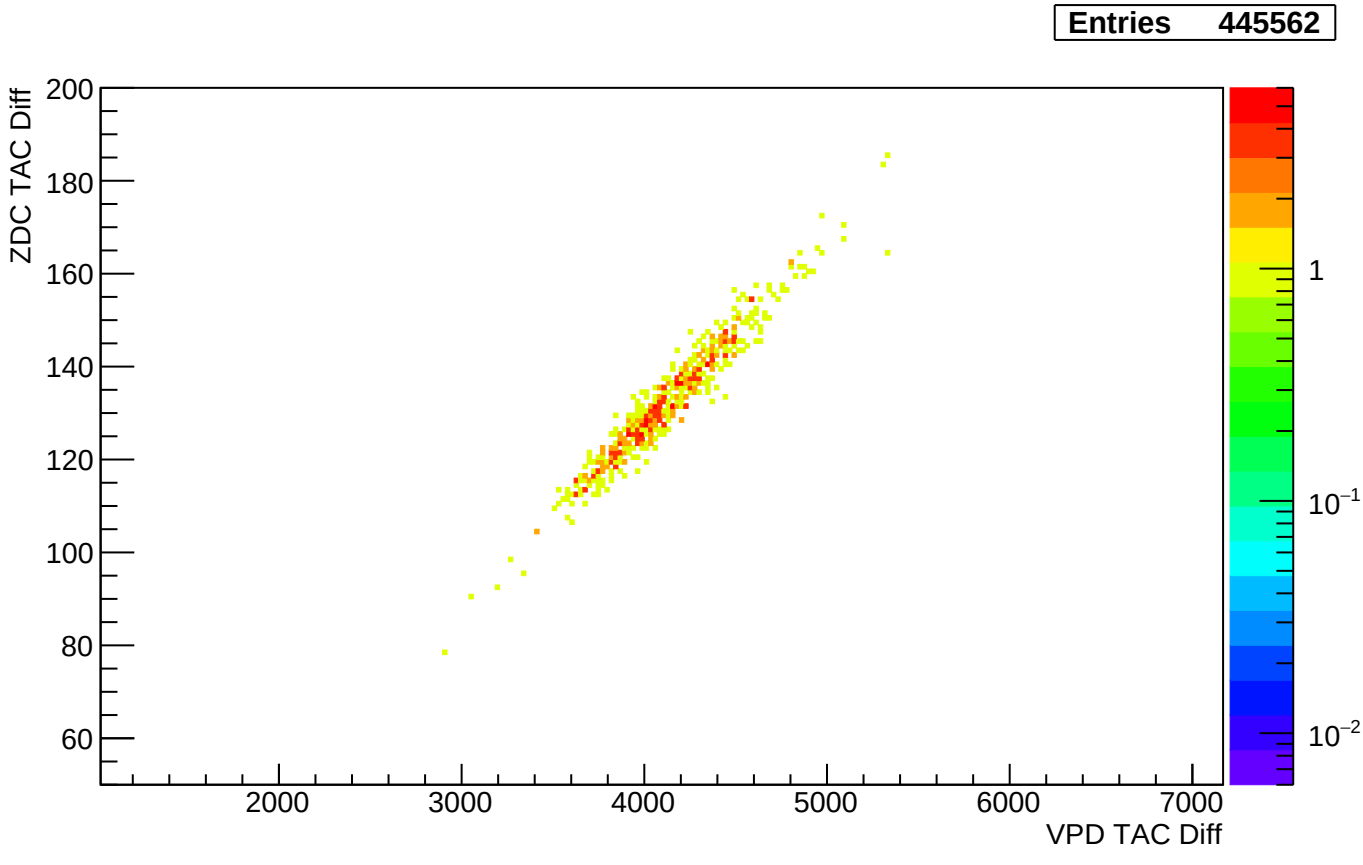

Entries 445562
TOF-Mult
EPD-East Hit Cnt

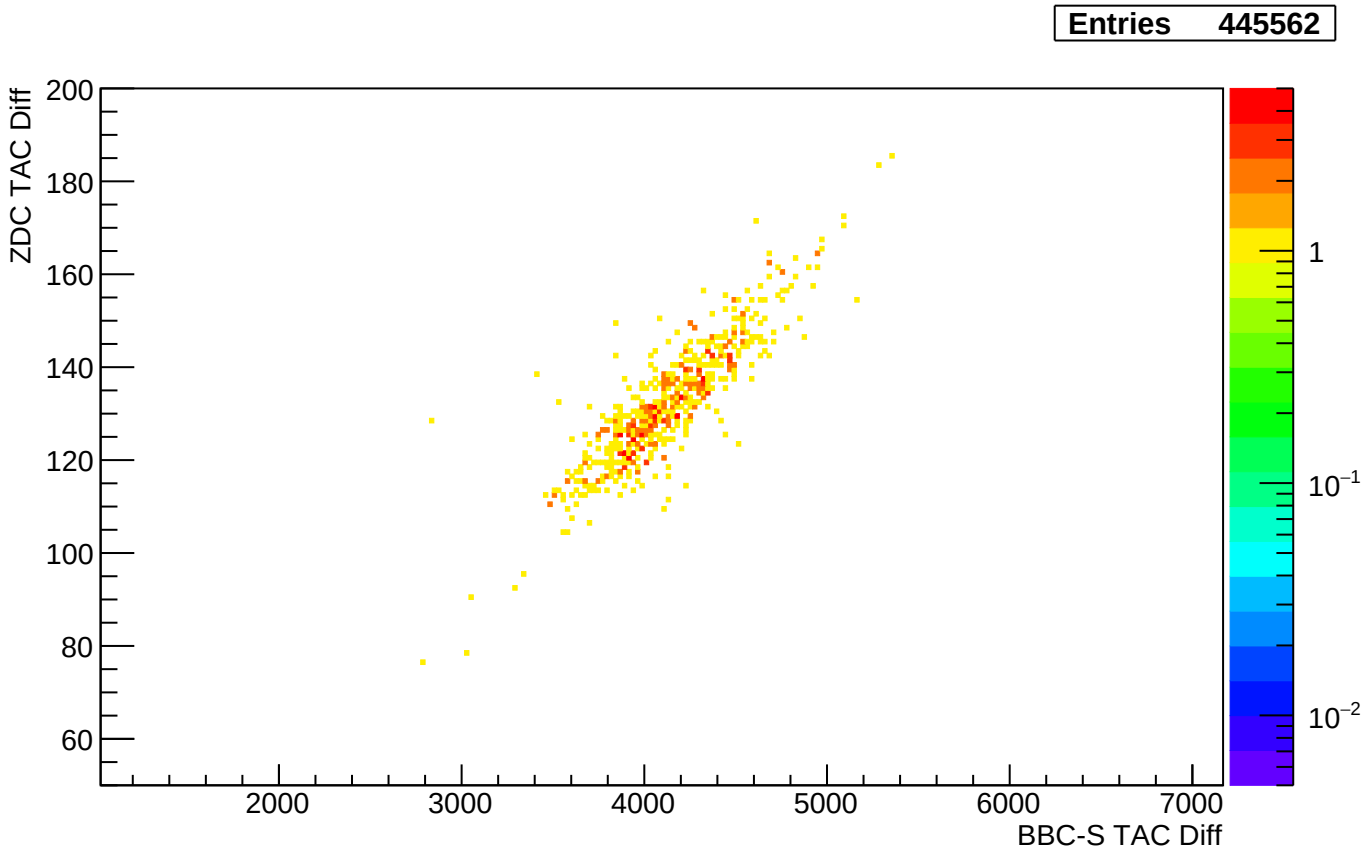

Entries 445562
TOF-Mult
EPD-West Hit Cnt

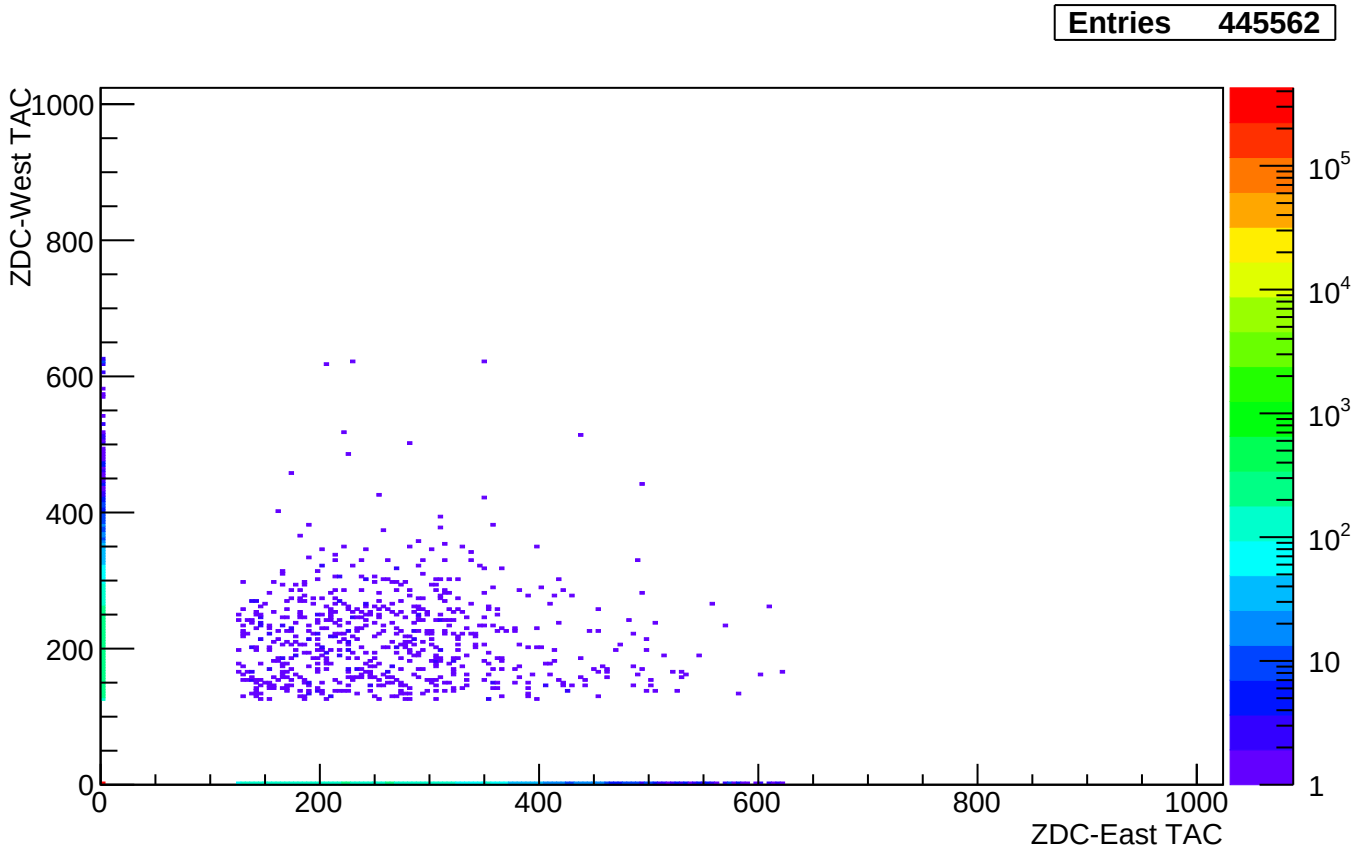

Entries 445562
TOF-Mult
VPD-East ADC Sum

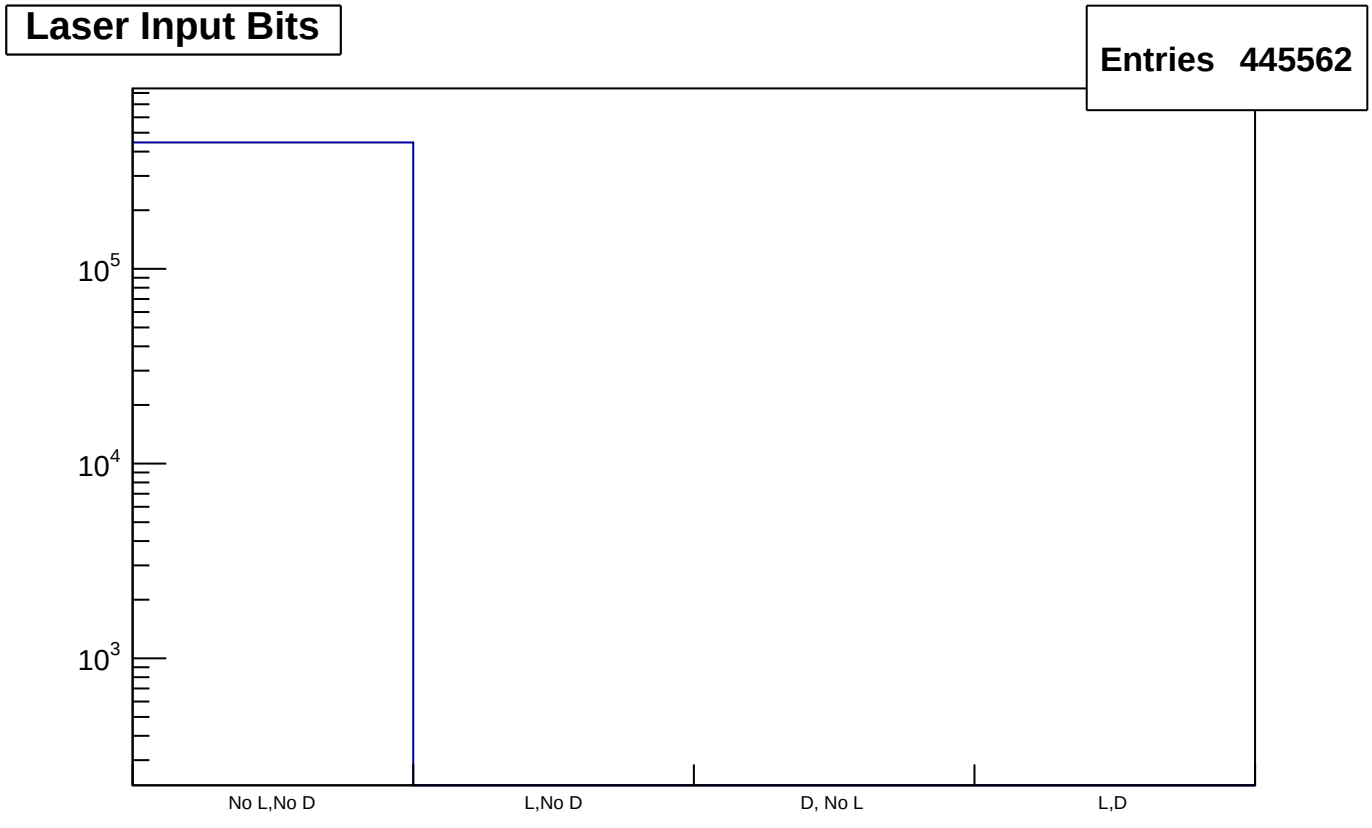

Entries 445562
TOF-Mult
VPD-West ADC Sum

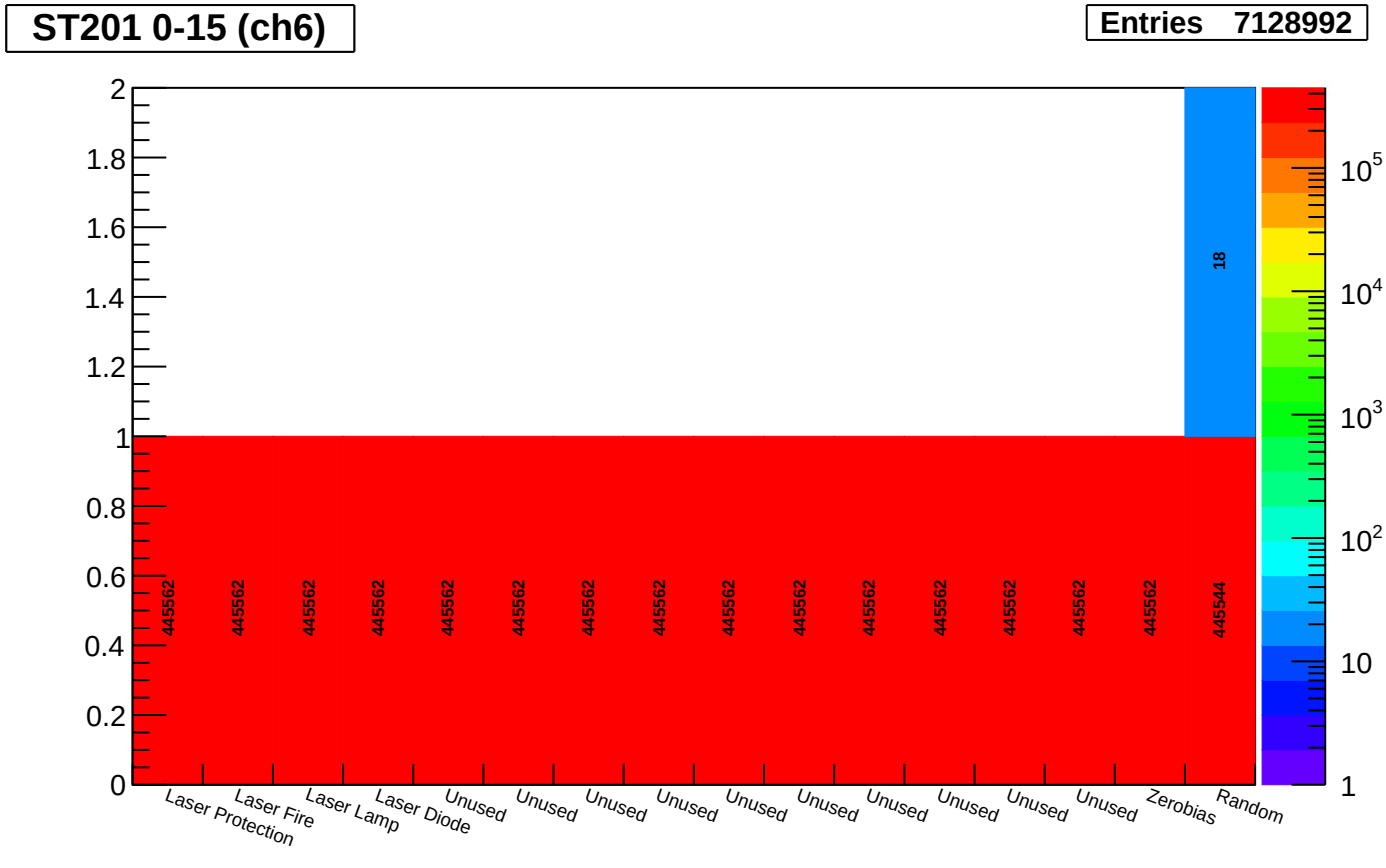

Entries 445562
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

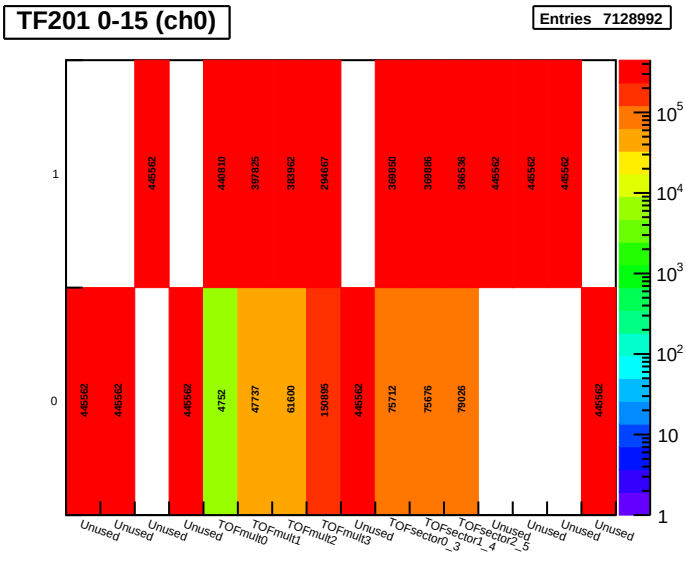

Entries 445562
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

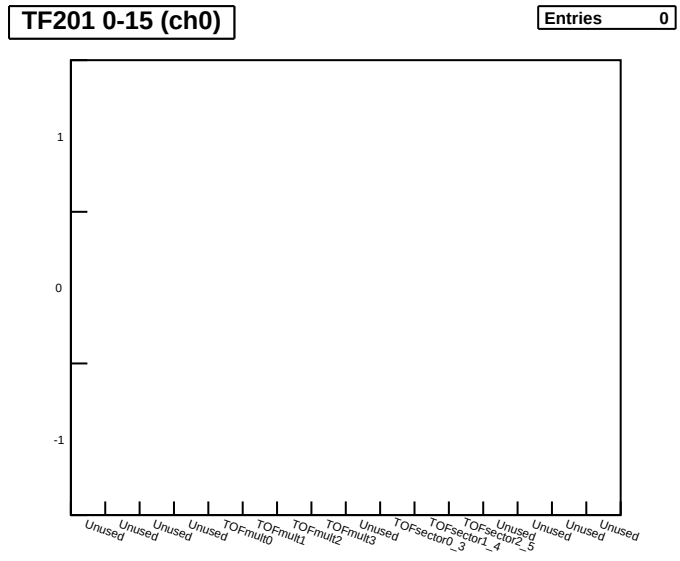

Entries 445562
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

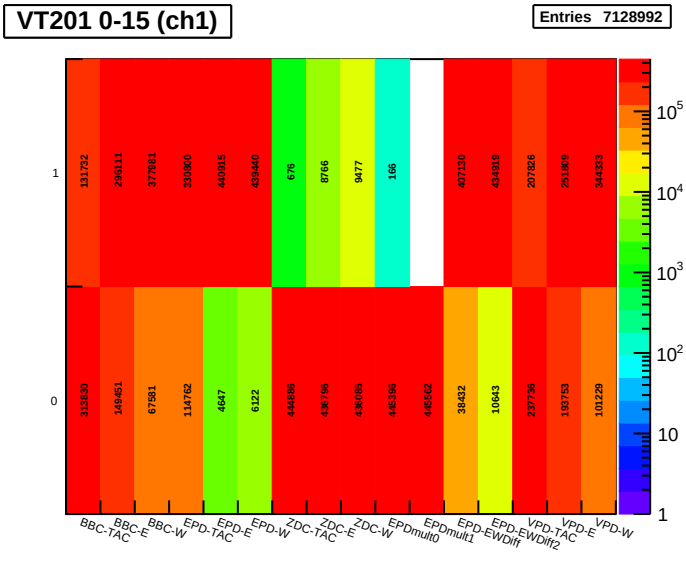

Entries 445562
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

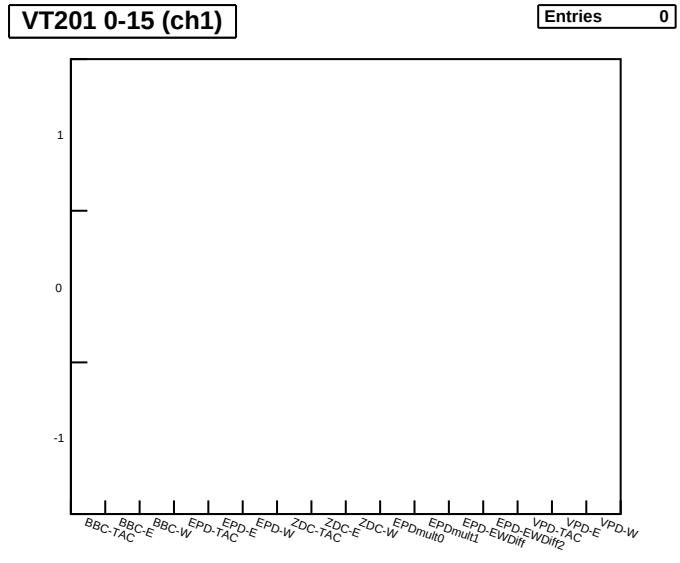

Laser Input Bits
Entries 445562
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

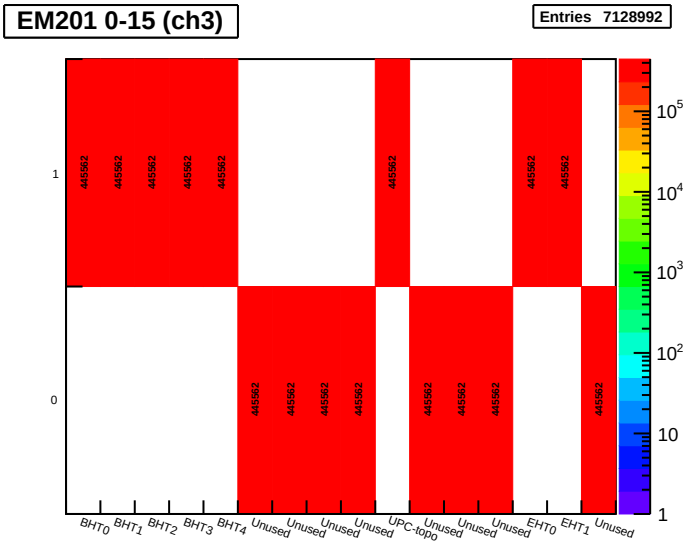

ST201 0-15 (ch6)
Entries 7128992
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445544
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

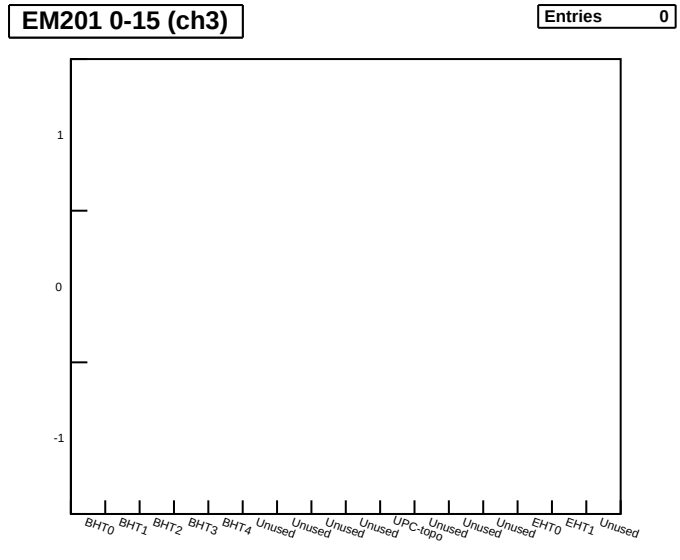

TF201 0-15 (ch0)
Entries 7128992
445562
440810
397825
383962
294467
369950
369986
366536
445562
445562
445562
445562
445562
445562
4752
47737
61600
150895
445562
75712
75676
79026
445562
1
0
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 7128992
131732
296111
377981
330800
440915
439440
676
8766
9477
166
407130
434919
207826
251809
344333
313830
149451
67581
114762
4647
6122
444886
438796
436085
445396
445562
38432
10643
237736
193753
101229
1
0
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 7128992
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
445562
1
0
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1