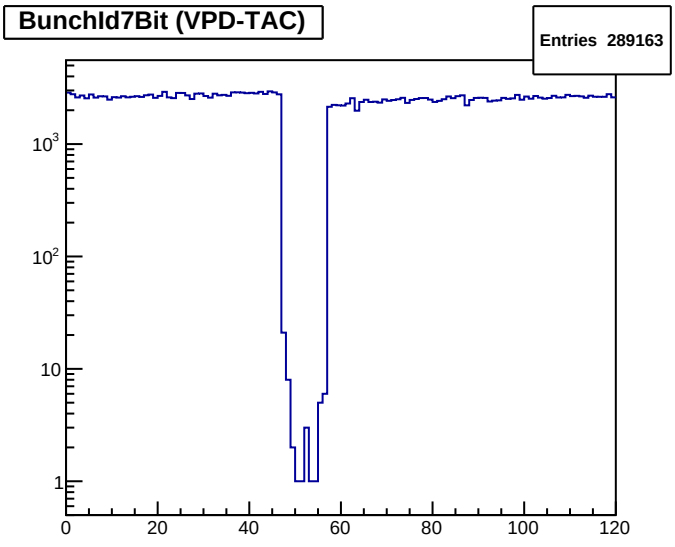
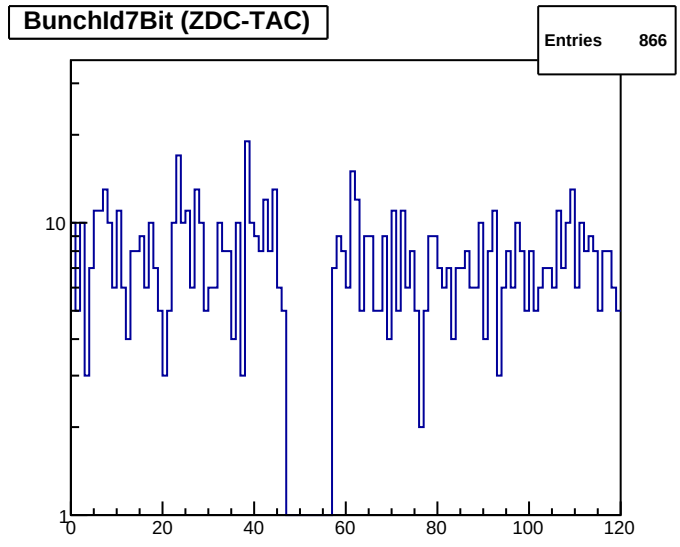
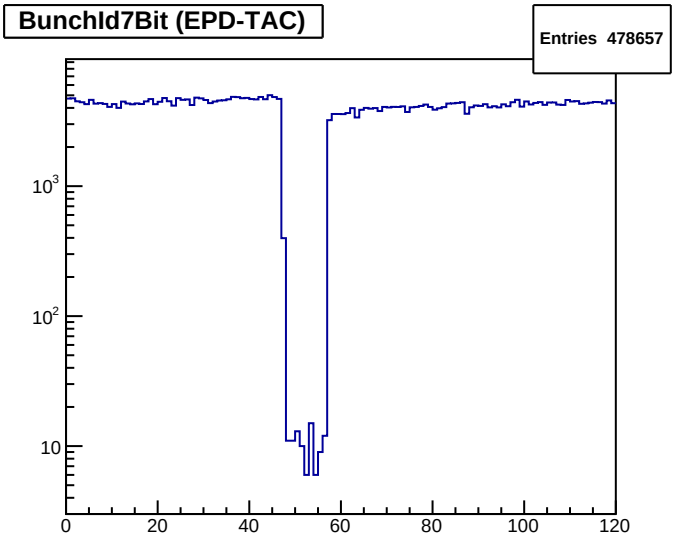
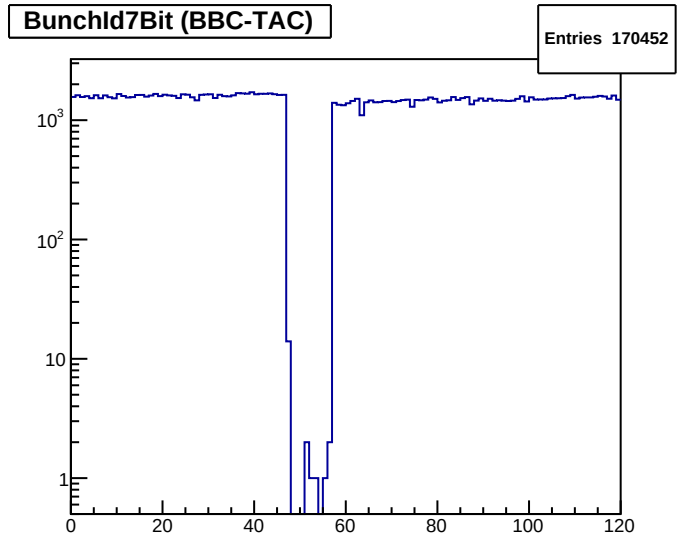
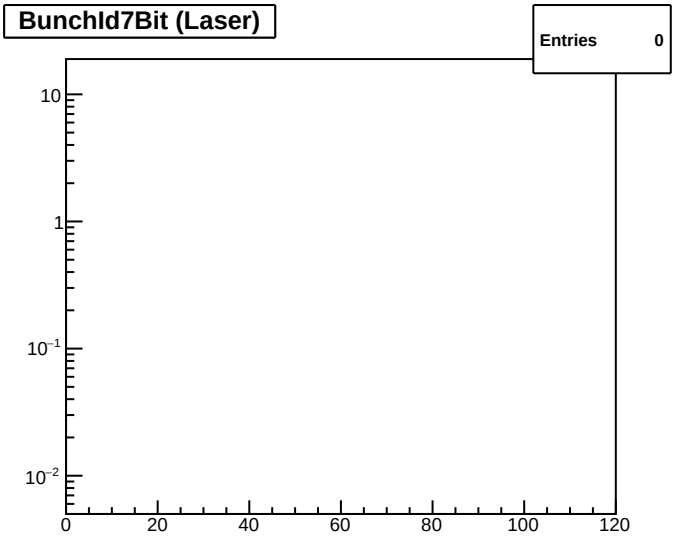
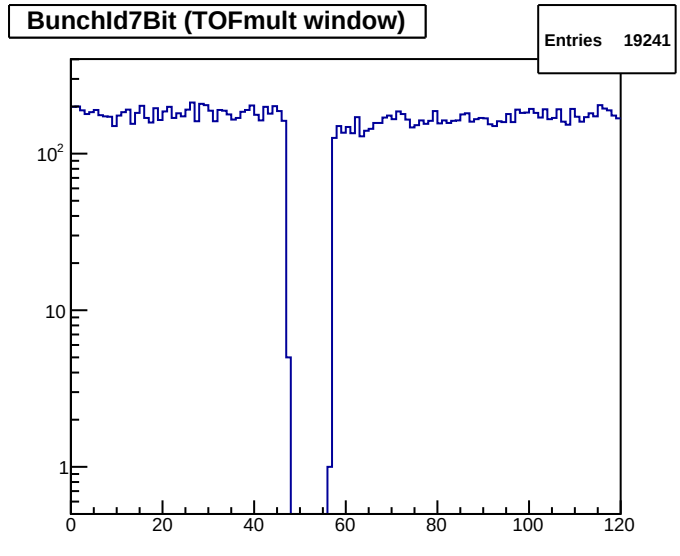

BunchId7Bit (VPD-TAC)
Entries 289163

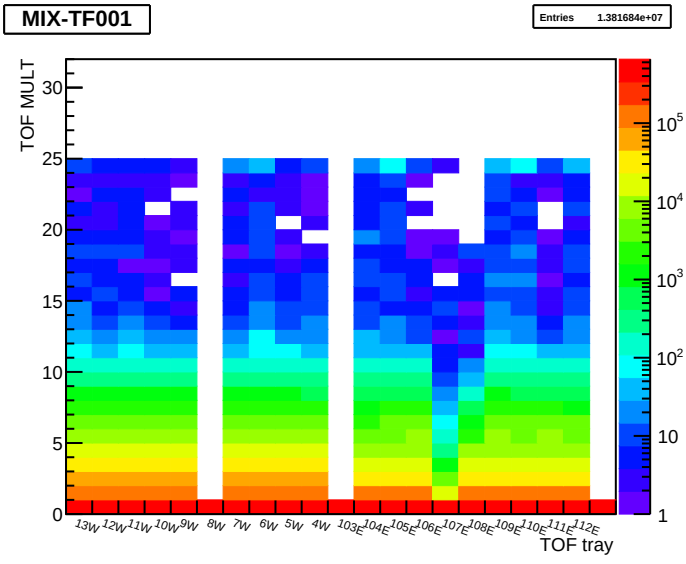

BunchId7Bit (ZDC-TAC)
Entries 866

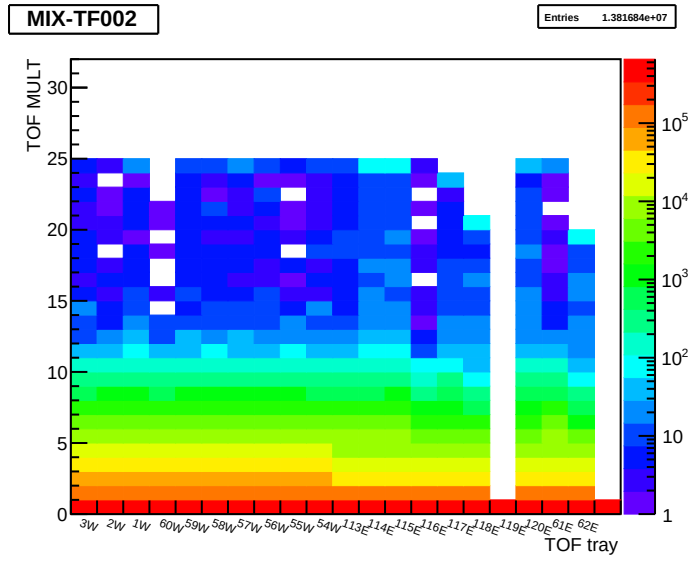

BunchId7Bit (EPD-TAC)
Entries 478657

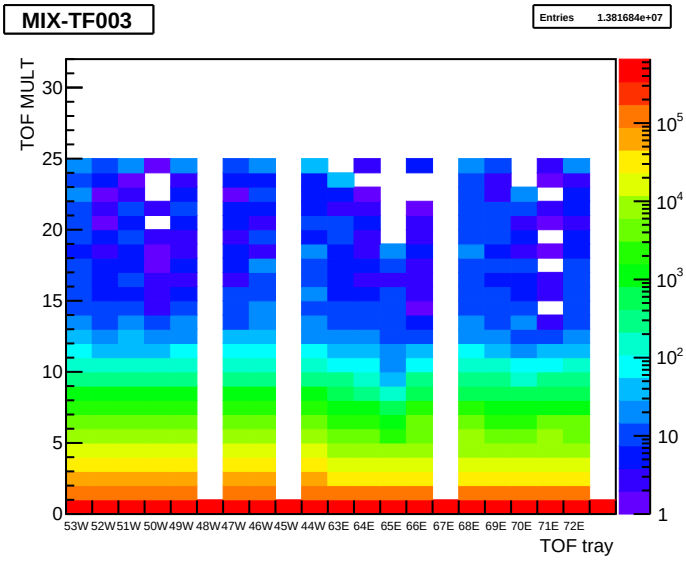

BunchId7Bit (BBC-TAC)
Entries 170452

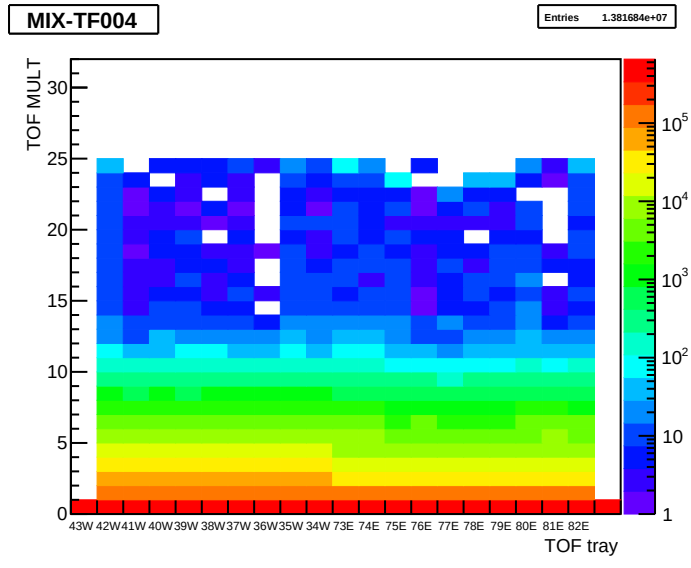

BunchId7Bit (Laser)
Entries 0

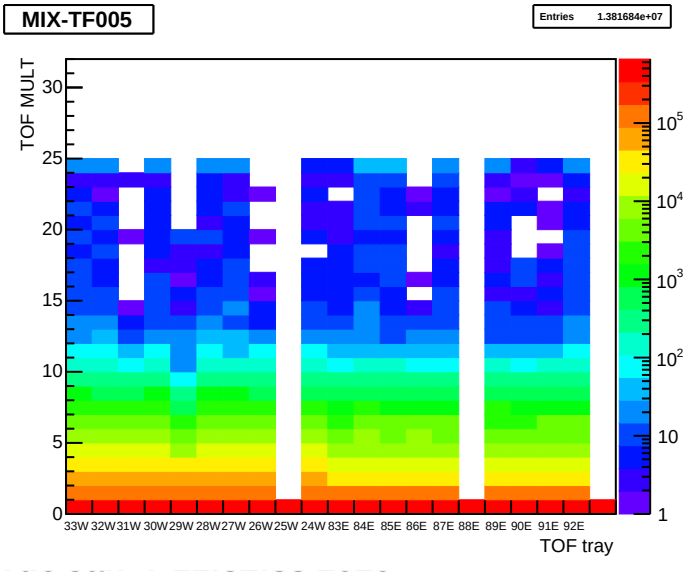

BunchId7Bit (TOFmult window)
Entries 19241

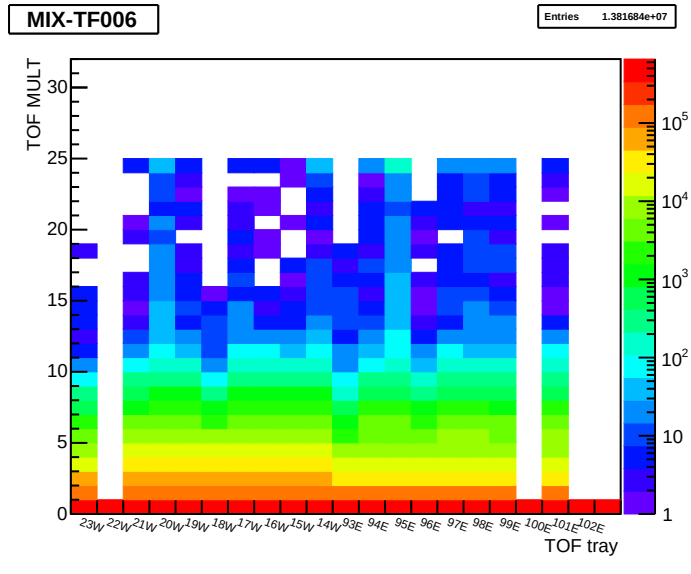

MIX-TF001
Entries 1.381684e+07
TOF MULT
TOF tray

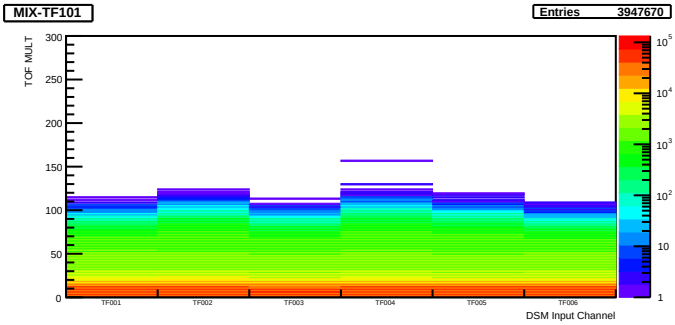

MIX-TF002
Entries 1.381684e+07
TOF MULT
TOF tray

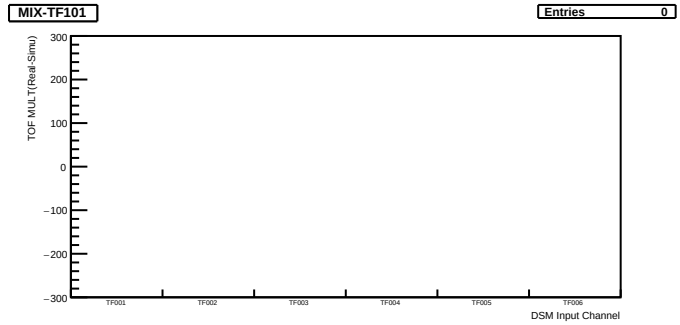

MIX-TF003
Entries 1.381684e+07
TOF MULT
TOF tray

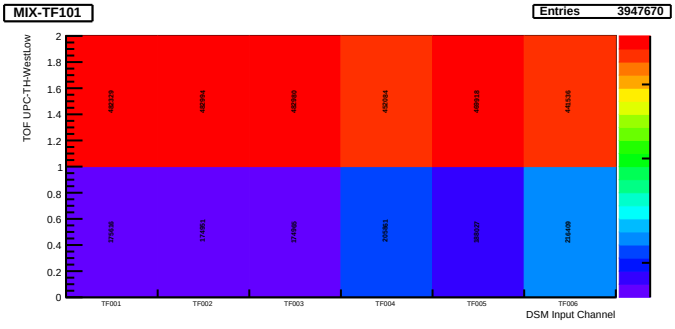

MIX-TF004
Entries 1.381684e+07
TOF MULT
TOF tray

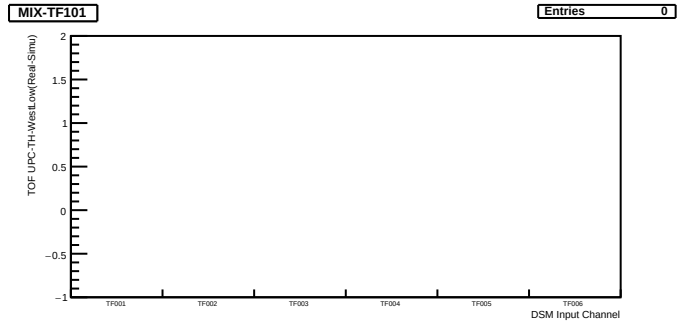

MIX-TF005
Entries 1.381684e+07
TOF MULT
TOF tray

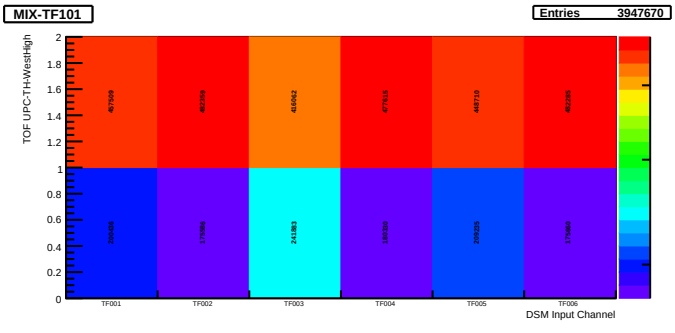

MIX-TF006
Entries 1.381684e+07
TOF MULT
TOF tray

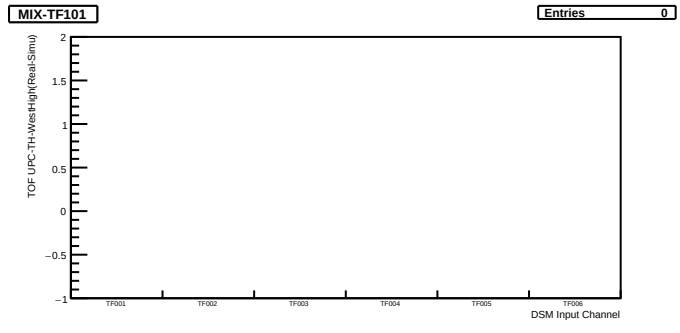

MIX-TF101
Entries 3947670
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

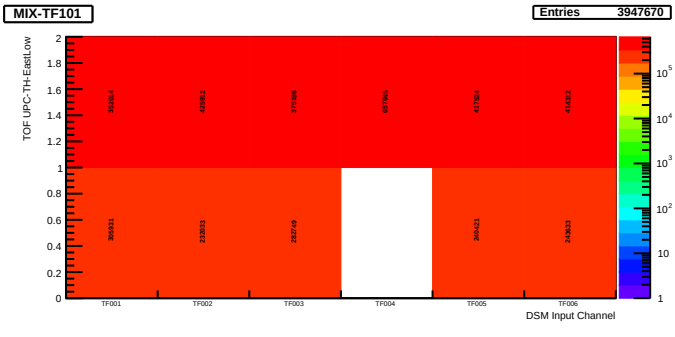

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

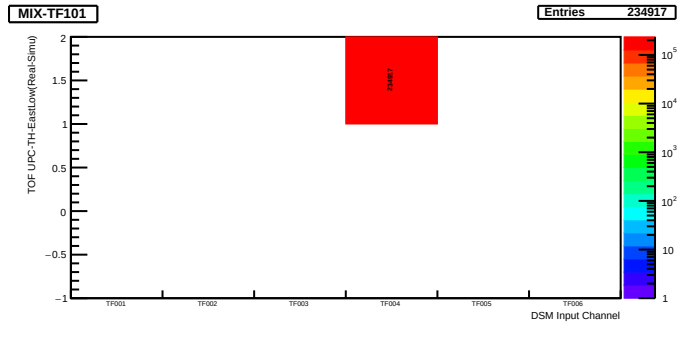

MIX-TF101
Entries 3947670
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

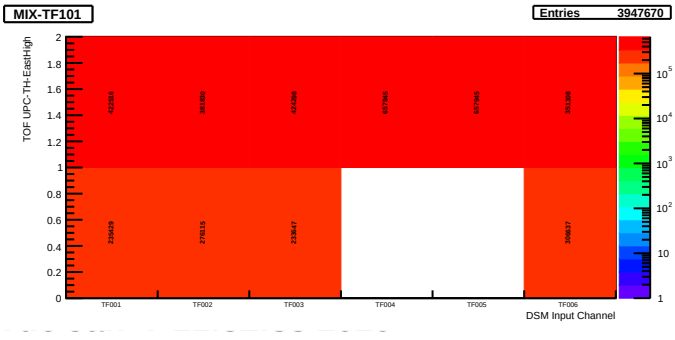

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

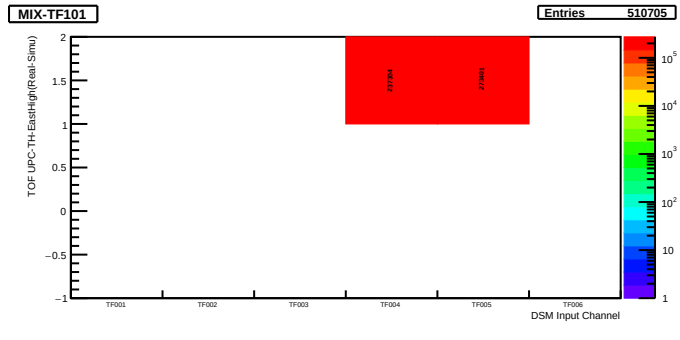

MIX-TF101
Entries 3947670
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

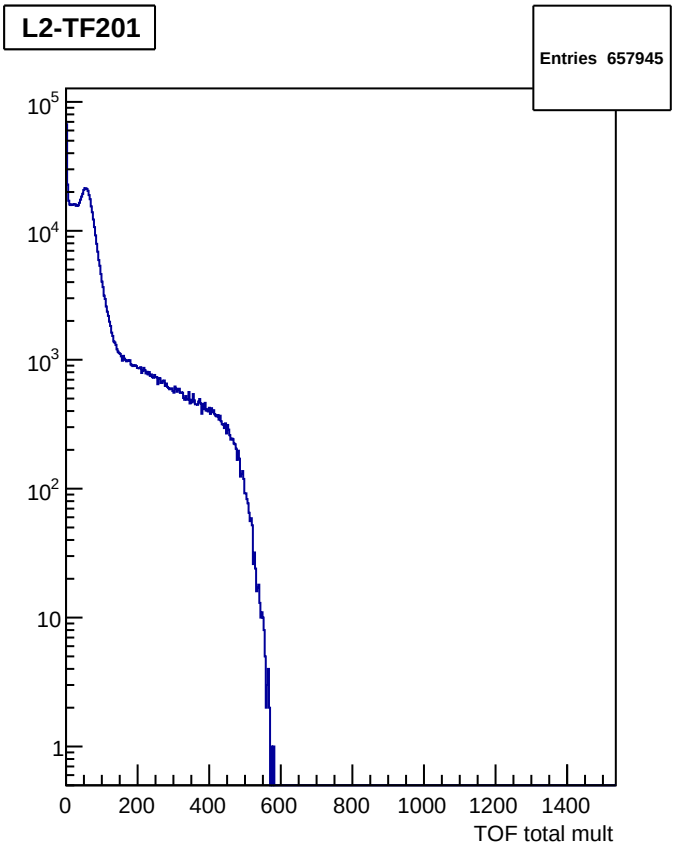

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

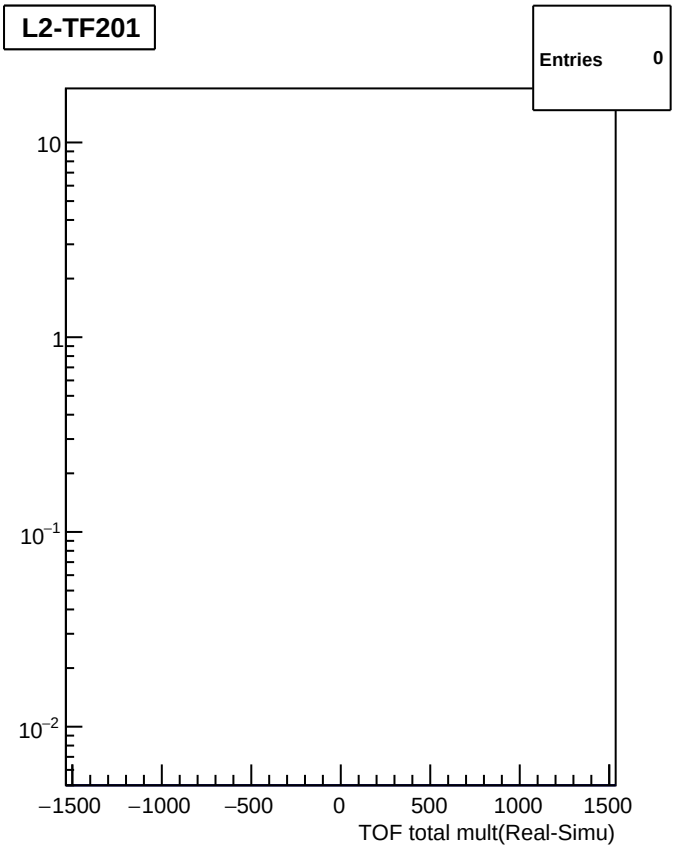

MIX-TF101
Entries 3947670
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

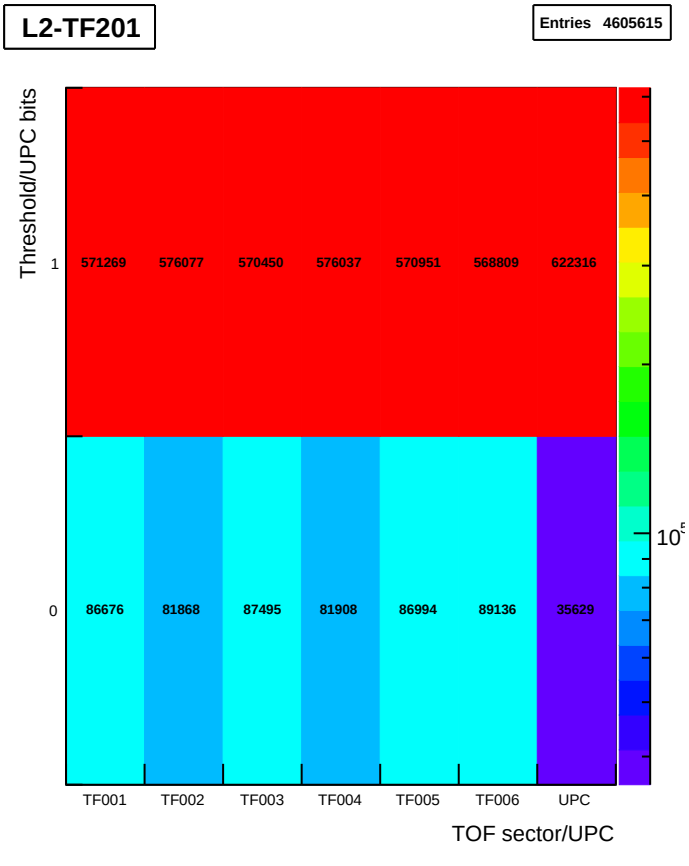

MIX-TF101
Entries 234917
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

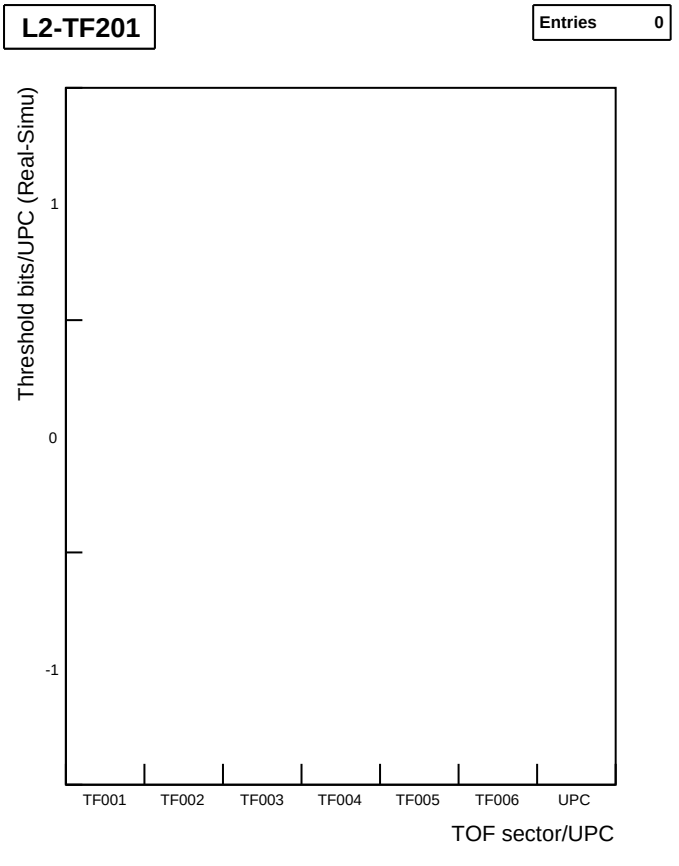

MIX-TF101
Entries 3947670
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

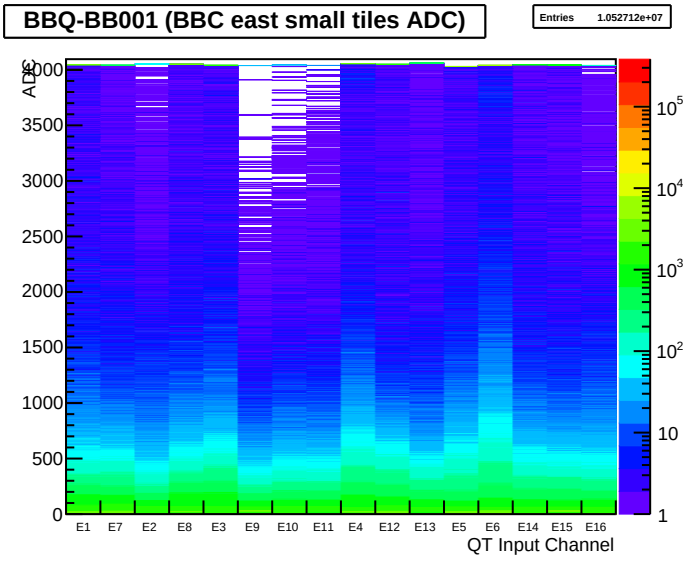

MIX-TF101
Entries 510705
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

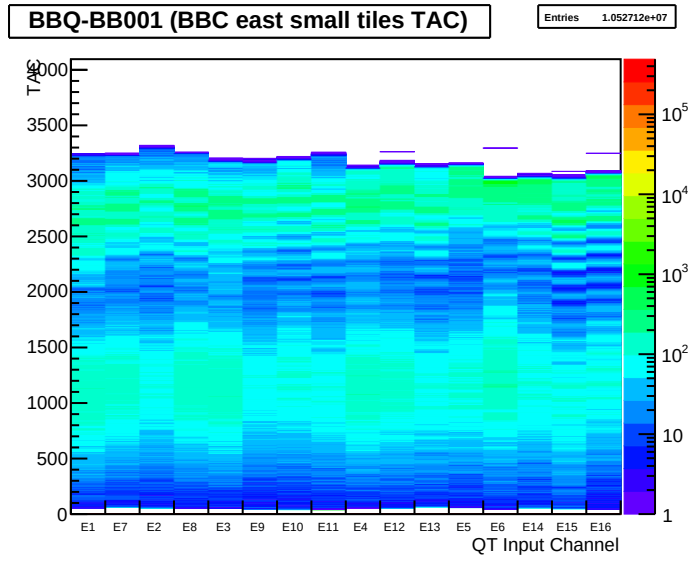

L2-TF201
Entries 657945
TOF total mult

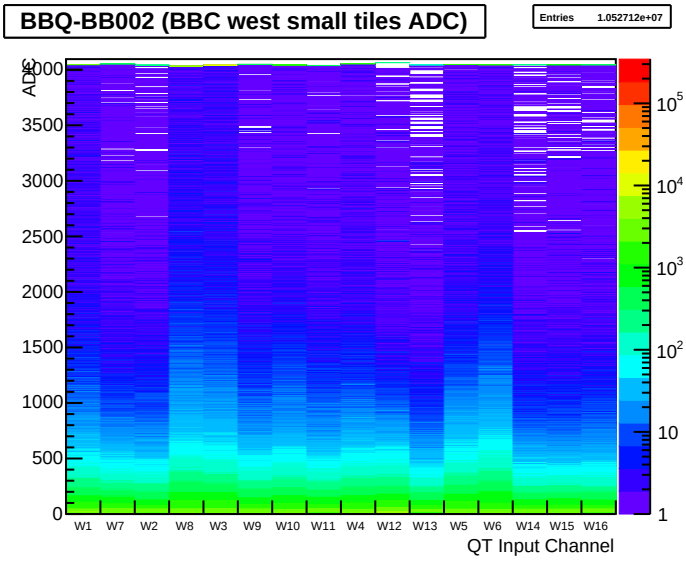

L2-TF201
Entries 0
TOF total mult(Real-Simu)

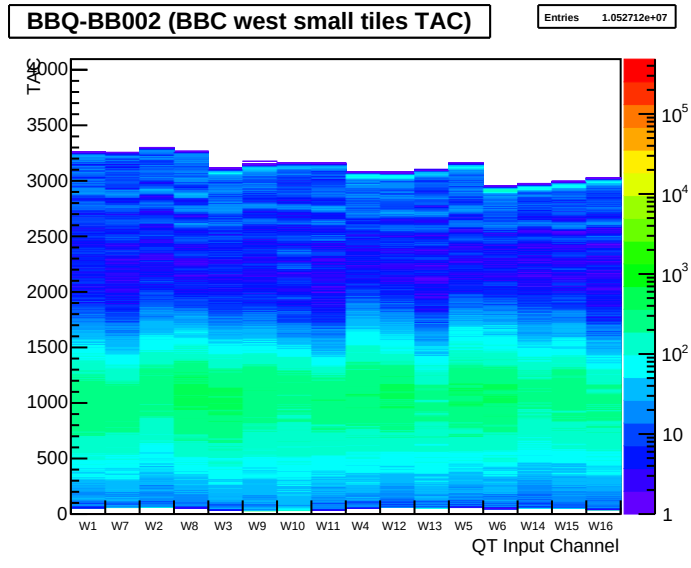

L2-TF201
Entries 4605615
Threshold/UPC bits
571269
576077
570450
576037
570951
568809
622316
86676
81868
87495
81908
86994
89136
35629
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

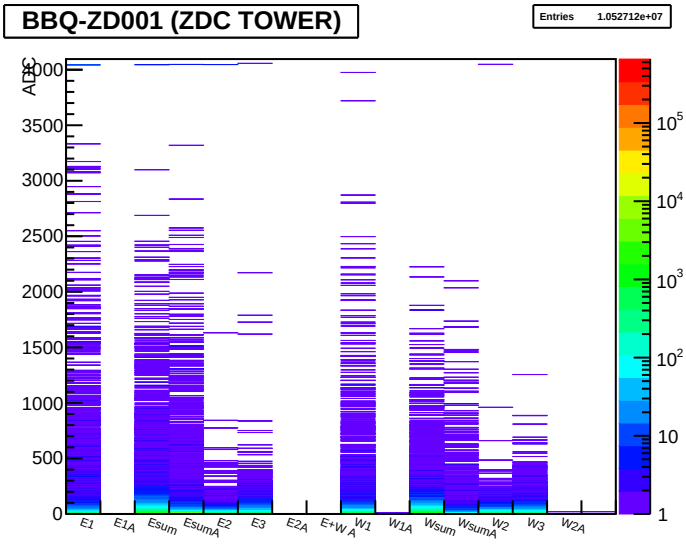

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

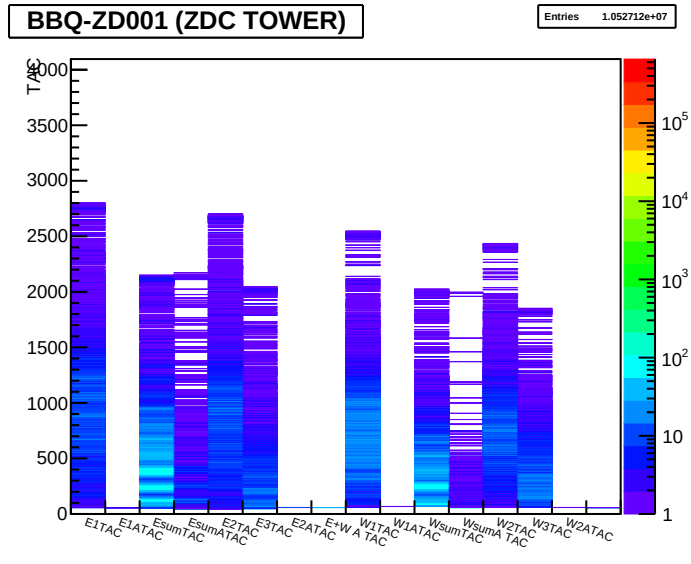

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.052712e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

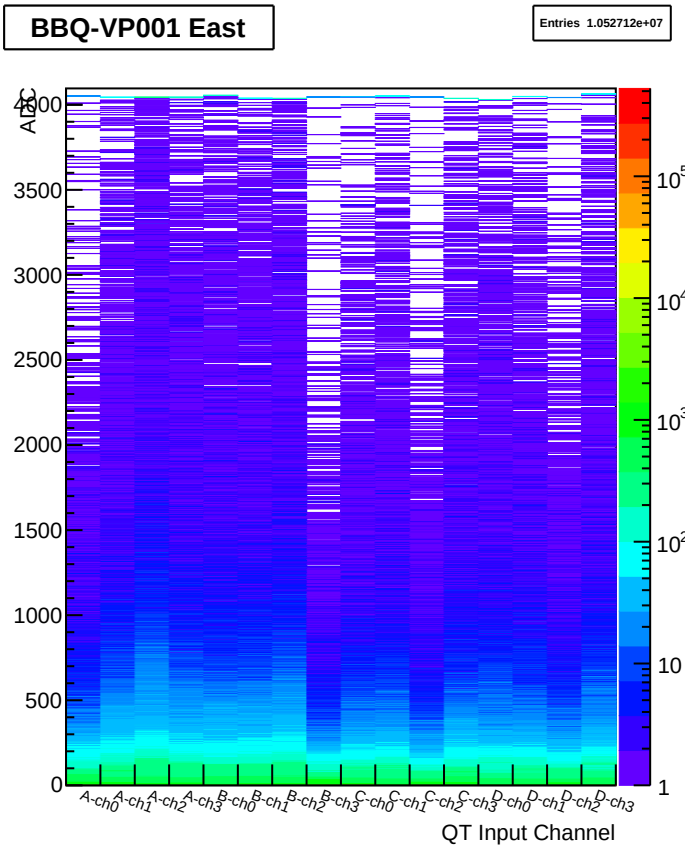

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.052712e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

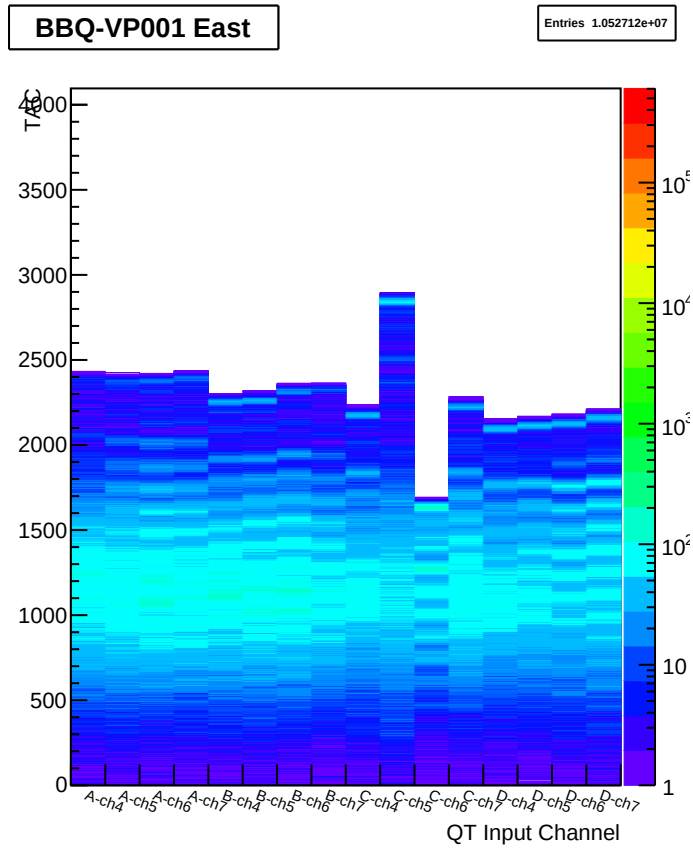

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.052712e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

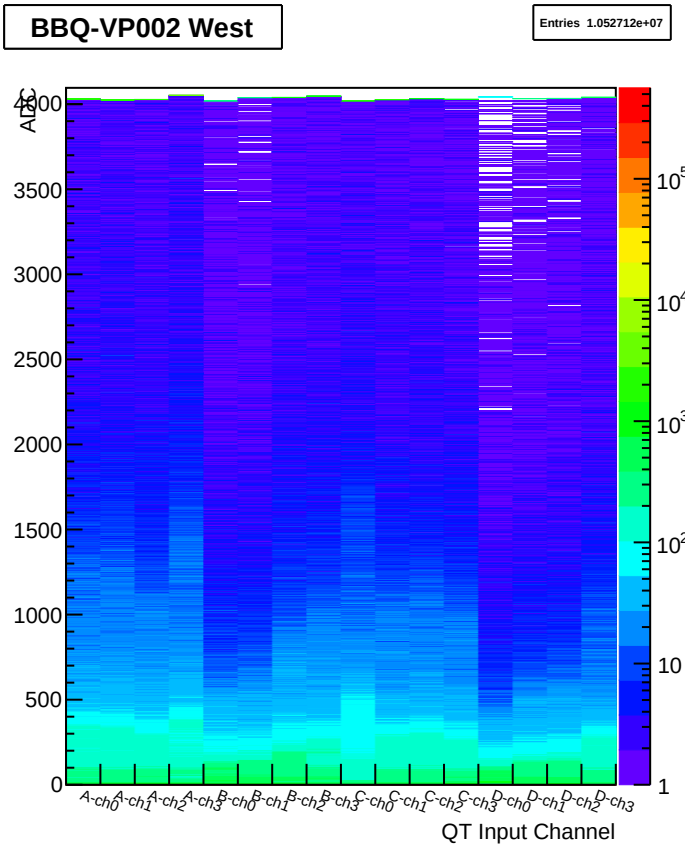

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.052712e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

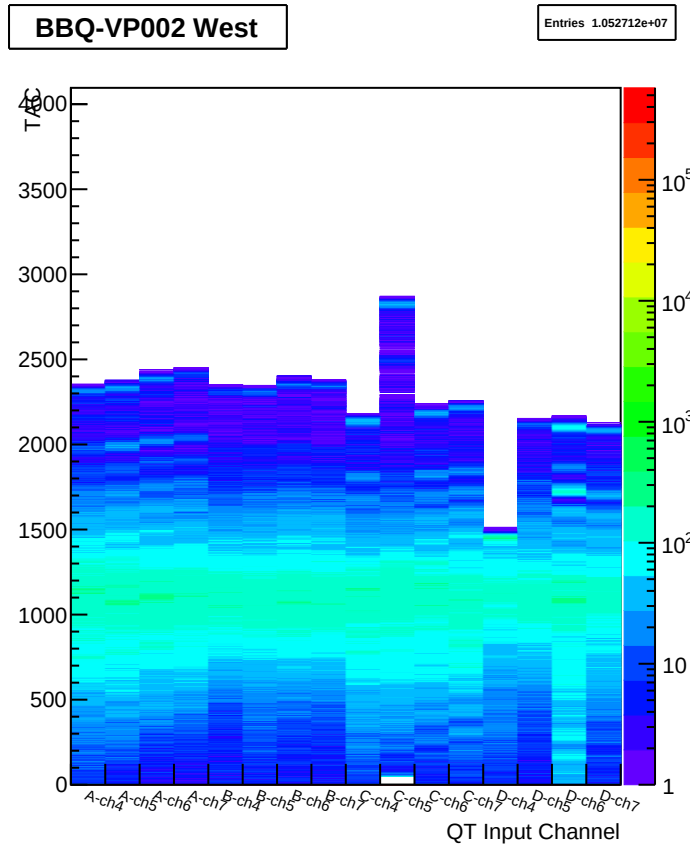

BBQ-ZD001 (ZDC TOWER)
Entries 1.052712e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

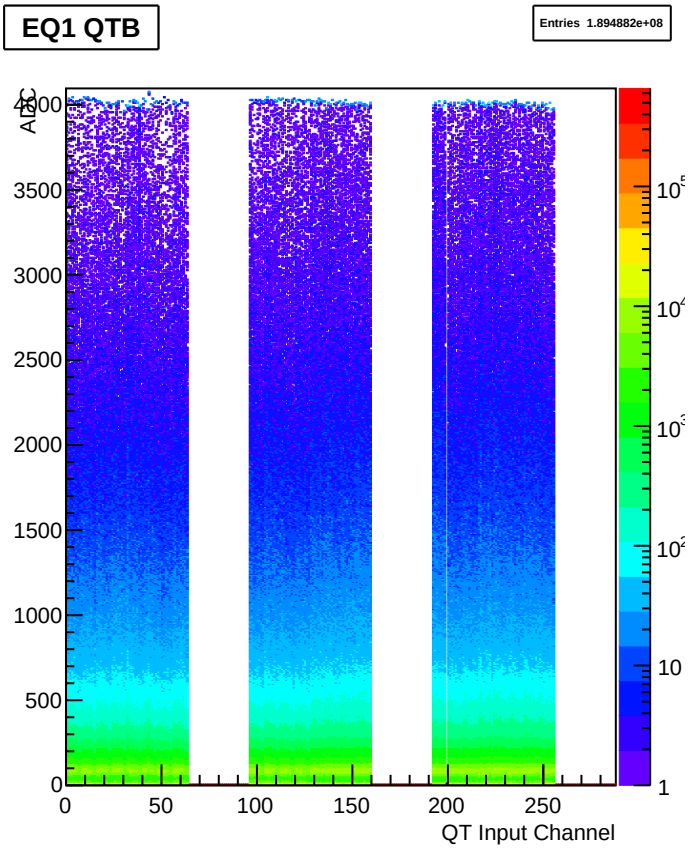

BBQ-ZD001 (ZDC TOWER)
Entries 1.052712e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

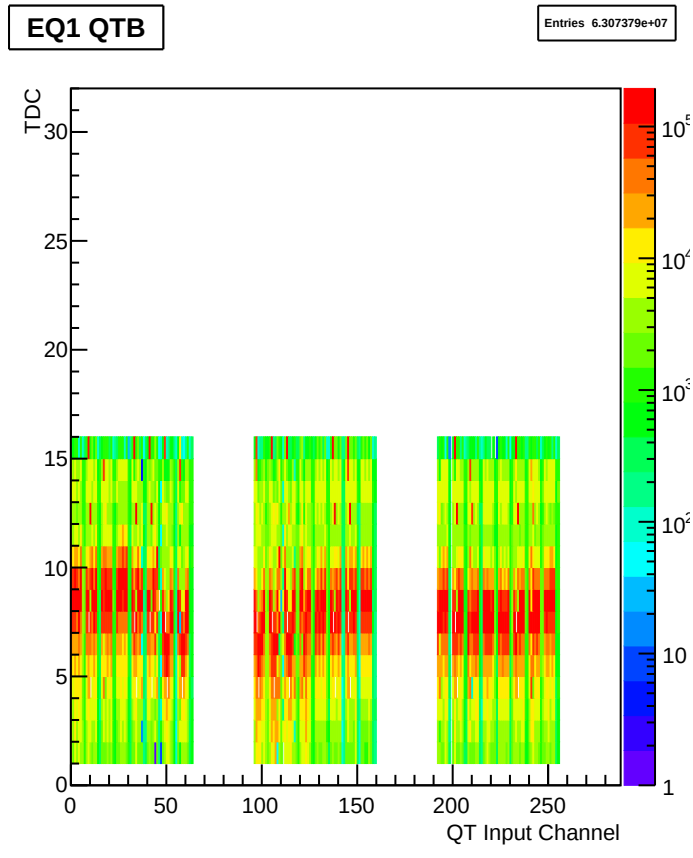

BBQ-VP001 East
Entries 1.052712e+07
ADC
QT Input Channel

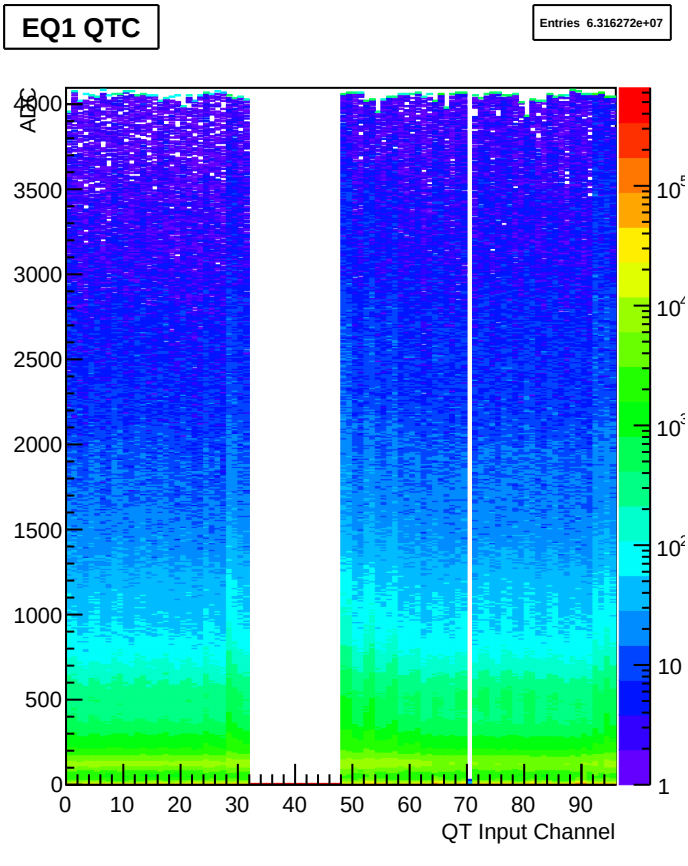

BBQ-VP001 East
Entries 1.052712e+07
TADC
QT Input Channel

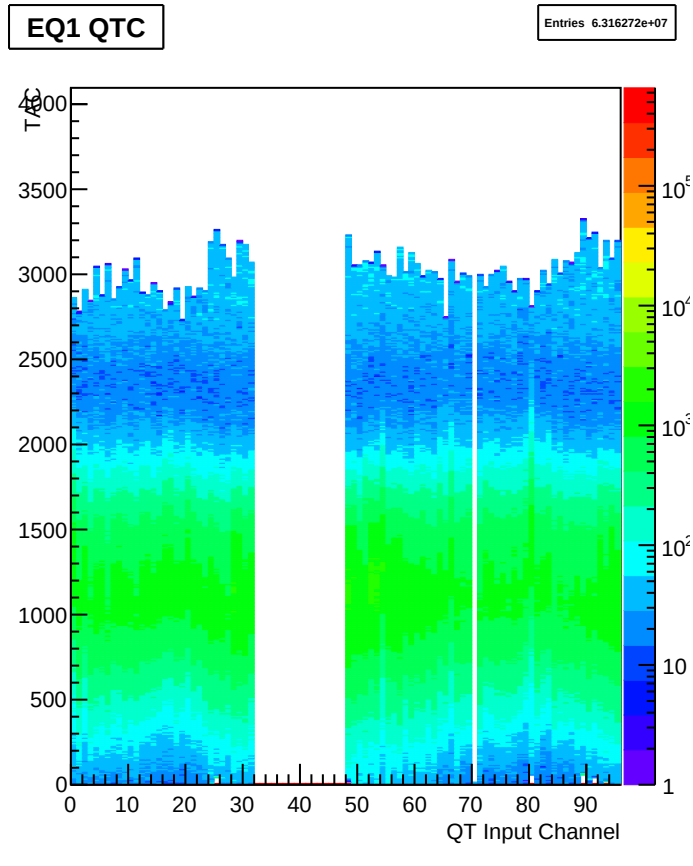

BBQ-VP002 West
Entries 1.052712e+07
ADC
QT Input Channel

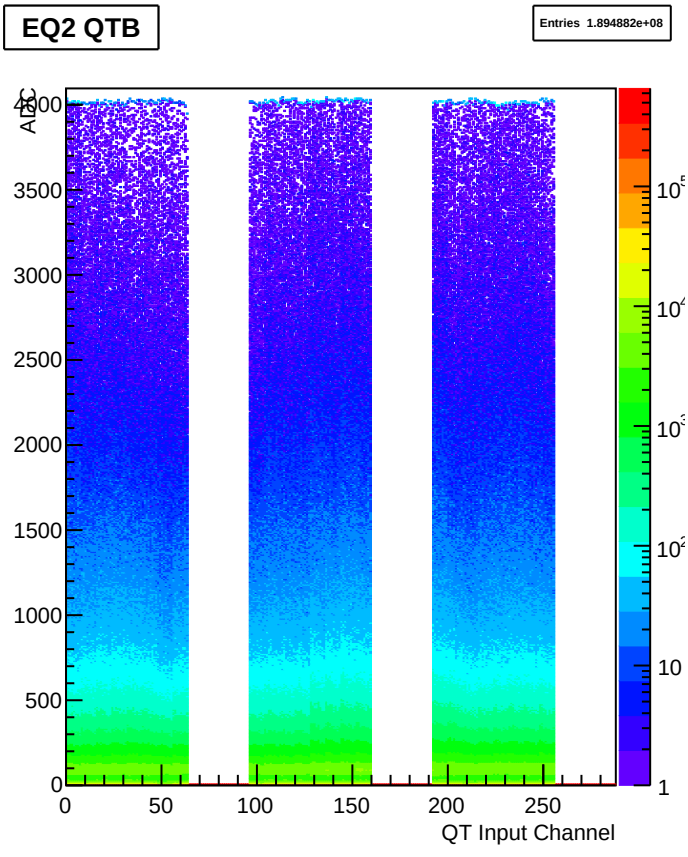

BBQ-VP002 West
Entries 1.052712e+07
TADC
QT Input Channel

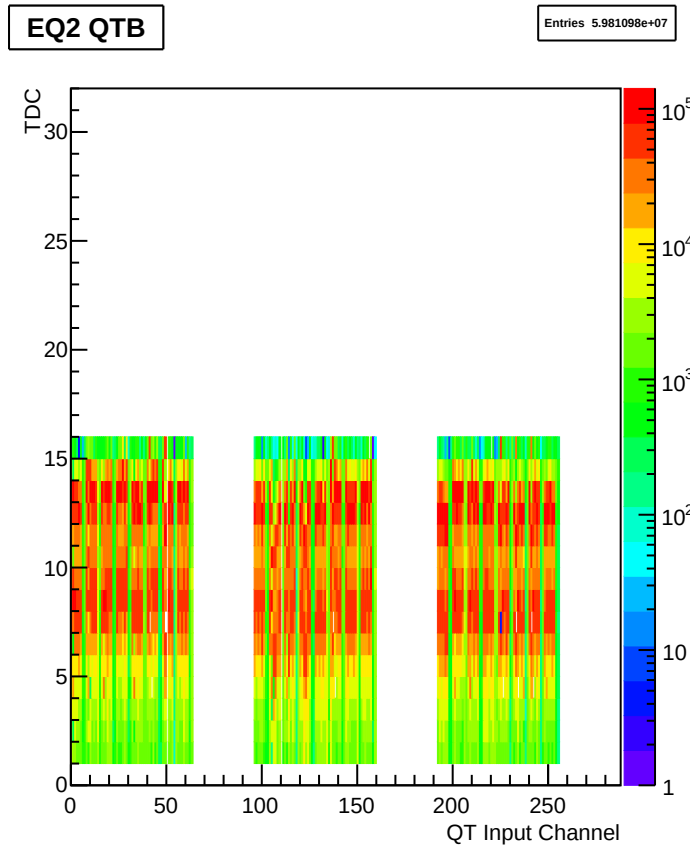

EQ1 QTB
Entries 1.894882e+08
ADC
QT Input Channel

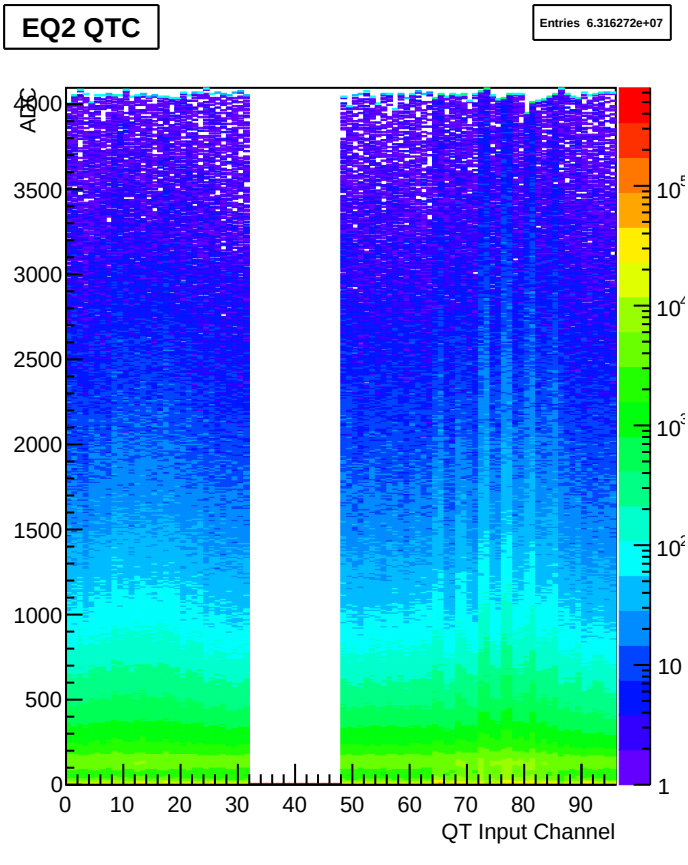

EQ1 QTB
Entries 6.307379e+07
TDC
QT Input Channel

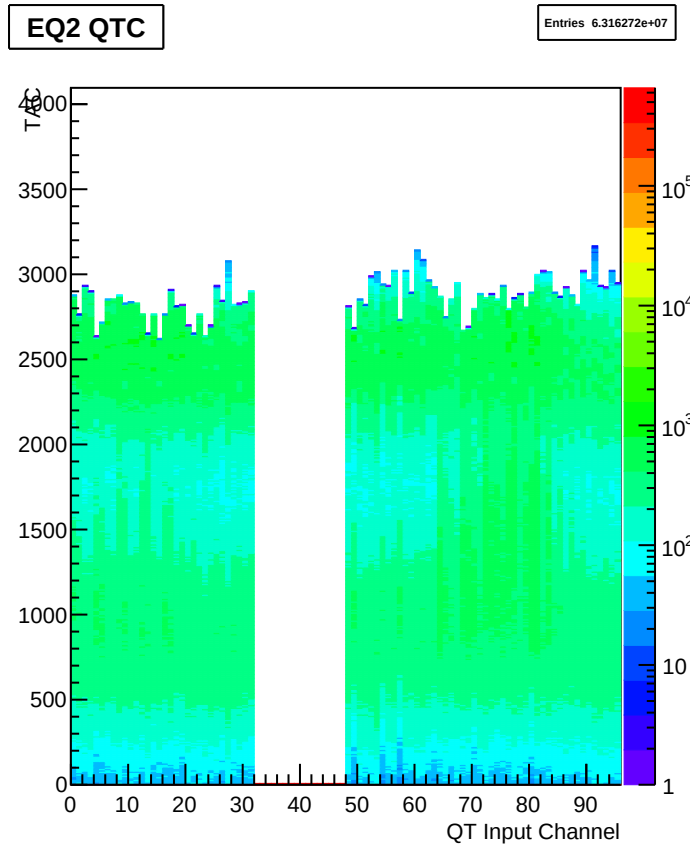

EQ1 QTC
Entries 6.316272e+07
ADC
QT Input Channel

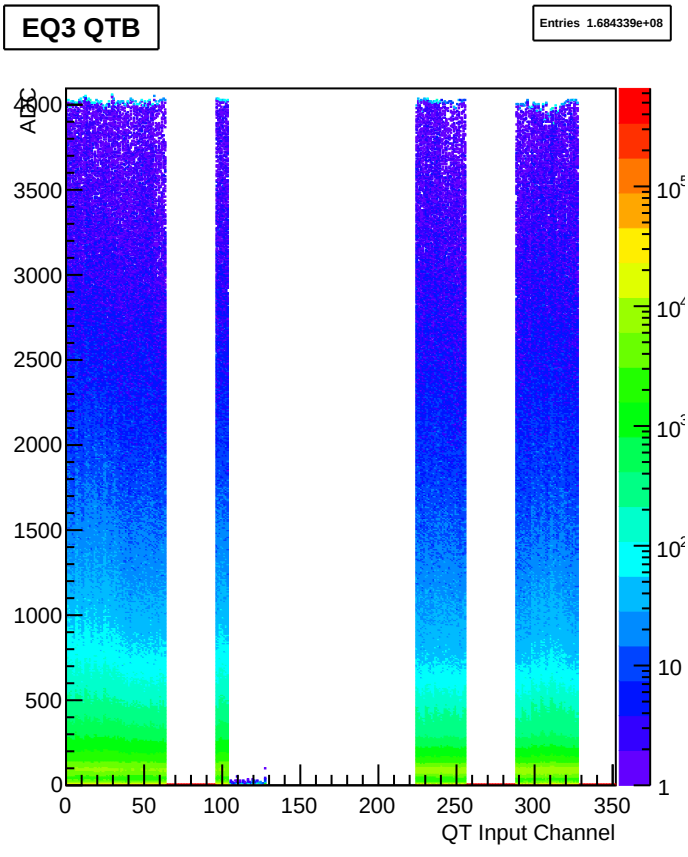

EQ1 QTC
Entries 6.316272e+07
TADC
QT Input Channel

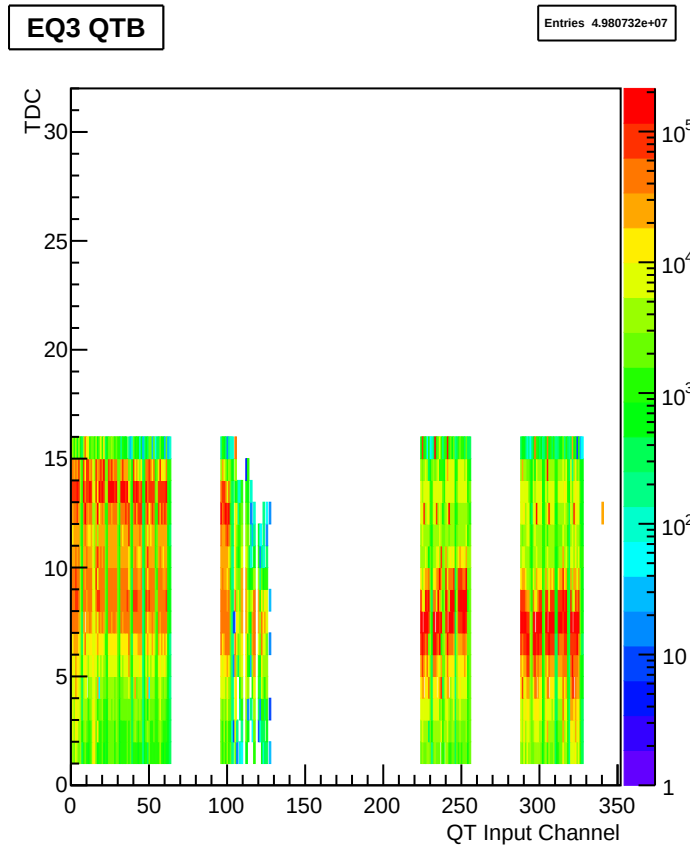

EQ2 QTB
Entries 1.894882e+08
ADC
QT Input Channel

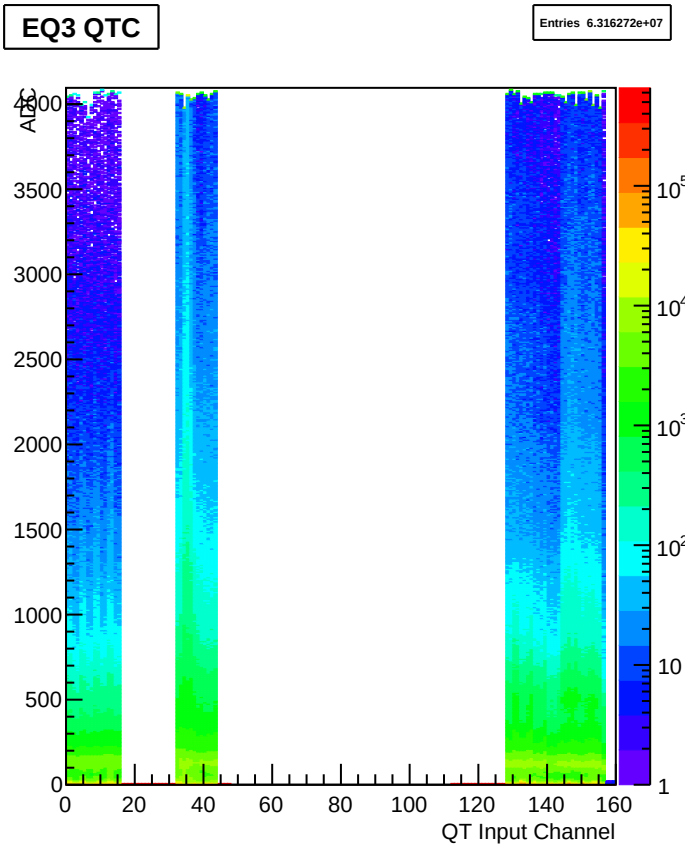

EQ2 QTB
Entries 5.981098e+07
TDC
QT Input Channel

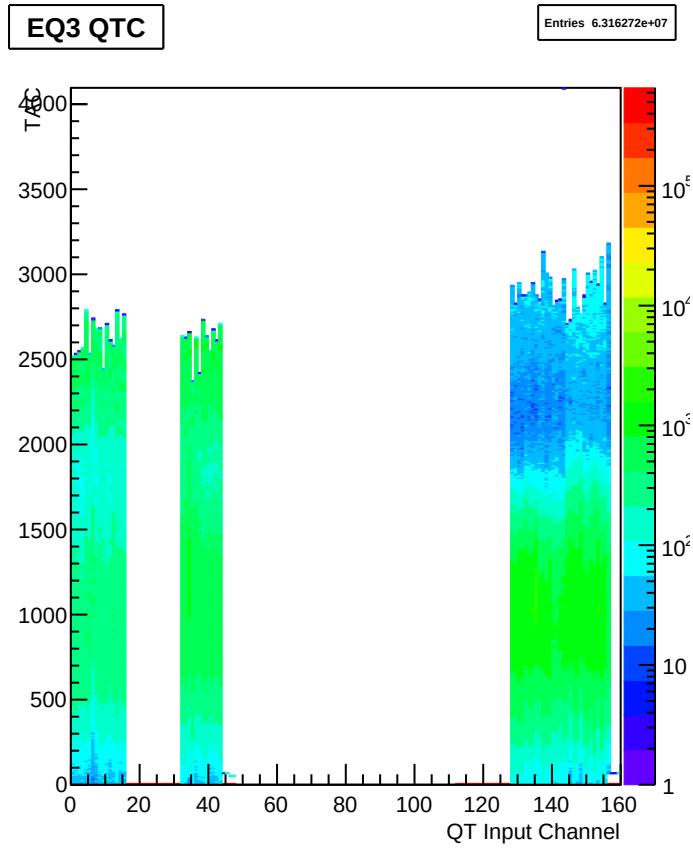

EQ2 QTC
Entries 6.316272e+07
ADC
QT Input Channel

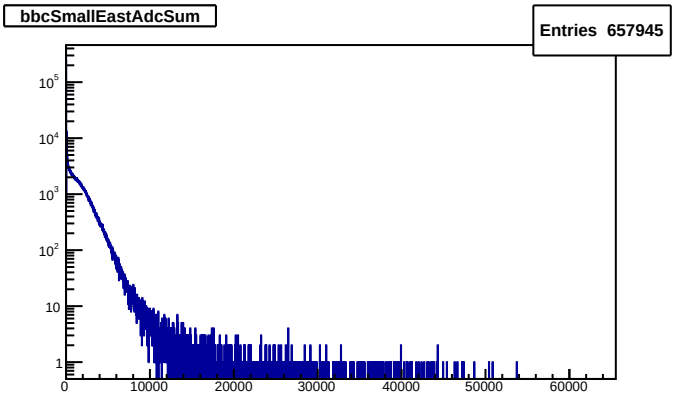

EQ2 QTC
Entries 6.316272e+07
TADC
QT Input Channel

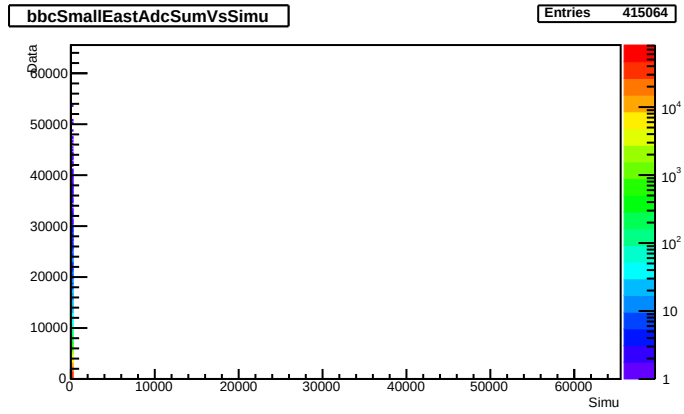

EQ3 QTB
Entries 1.684339e+08
ADC
QT Input Channel

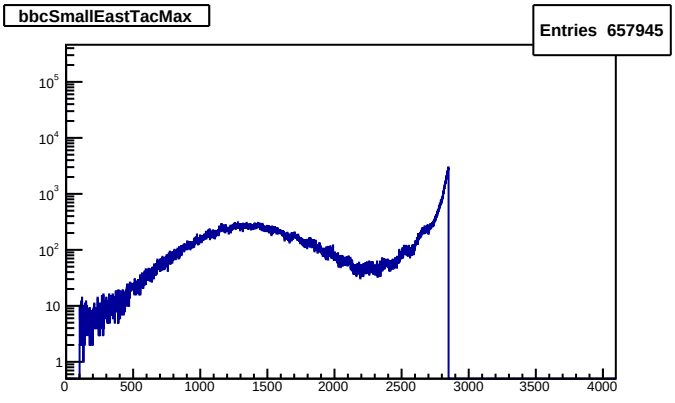

EQ3 QTB
Entries 4.980732e+07
TDC
QT Input Channel

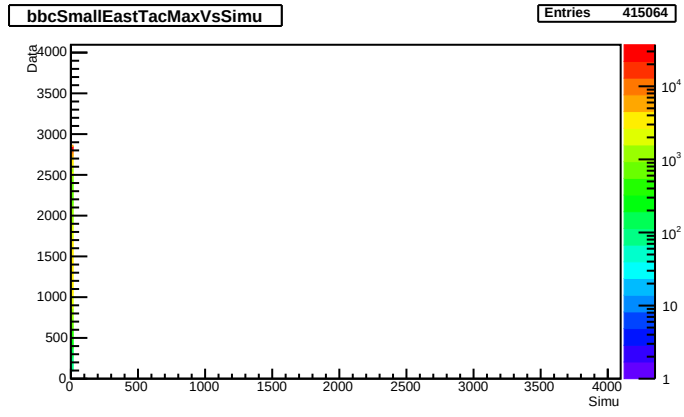

EQ3 QTC
Entries 6.316272e+07
ADC
QT Input Channel

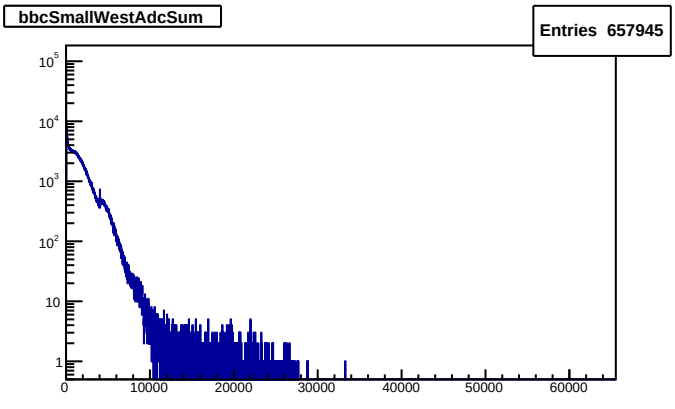

EQ3 QTC
Entries 6.316272e+07
TADC
QT Input Channel

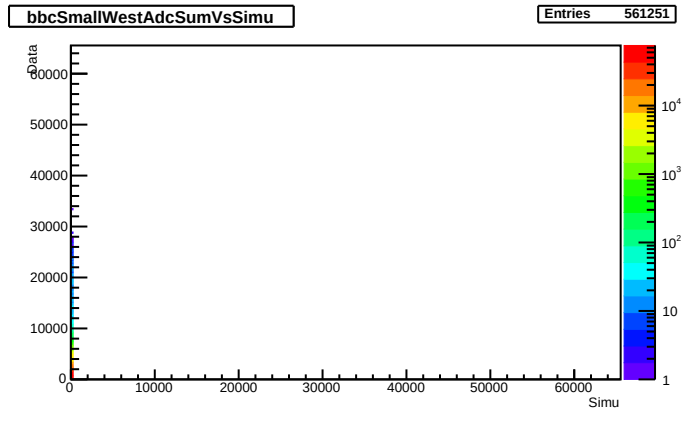

bbcSmallEastAdcSum
Entries 657945

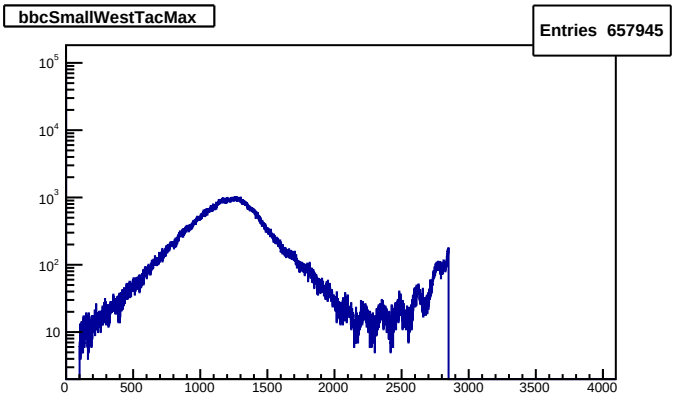

bbcSmallEastAdcSumVsSimu
Entries 415064
Data
Simu

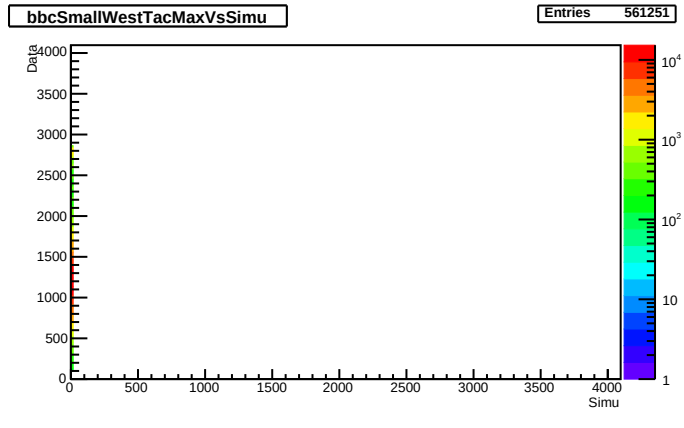

bbcSmallEastTacMax
Entries 657945

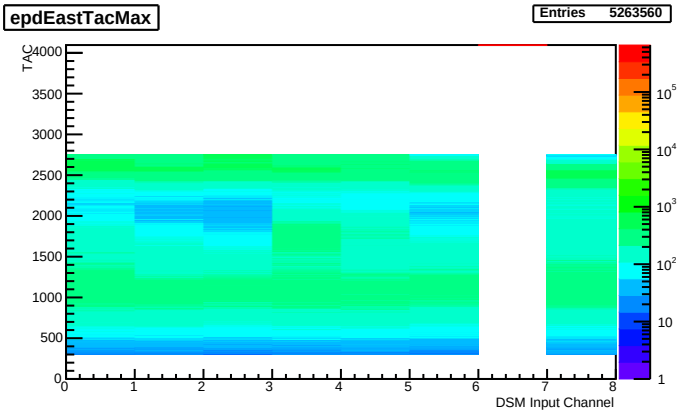

bbcSmallEastTacMaxVsSimu
Entries 415064
Data
Simu

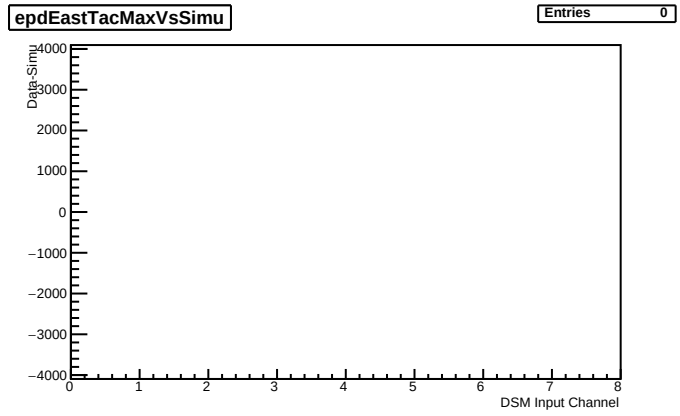

bbcSmallWestAdcSum
Entries 657945

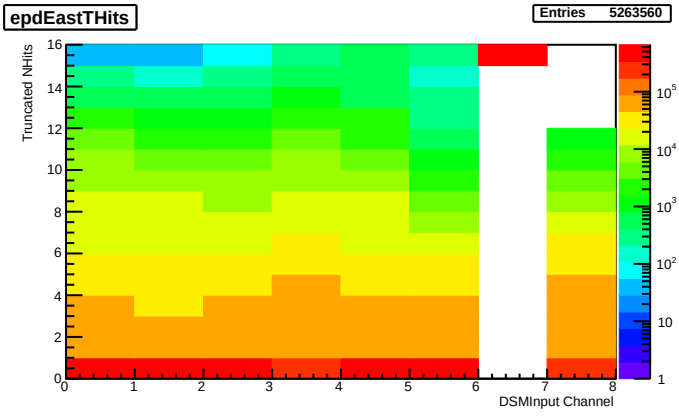

bbcSmallWestAdcSumVsSimu
Entries 561251
Data
Simu

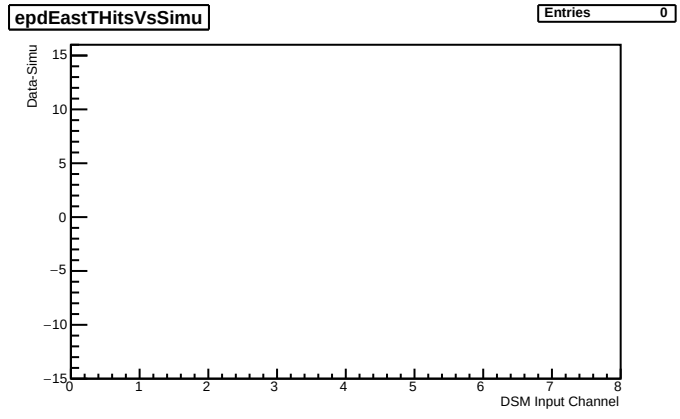

bbcSmallWestTacMax
Entries 657945


bbcSmallWestTacMaxVsSimu
Entries 561251
Data
Simu


epdEastTacMax
Entries 5263560
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5263560
Truncated NHits
DSMInput Channel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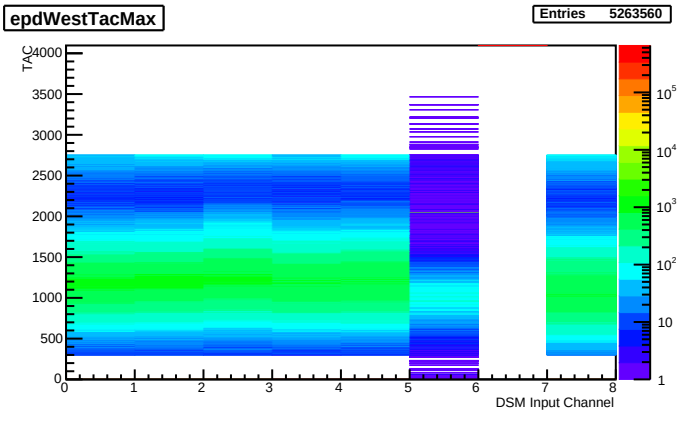
Data-Simu
DSM Input Channel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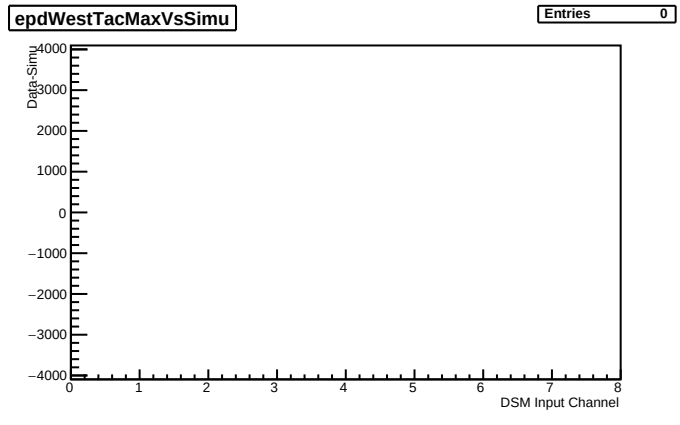
Entries 5263560
TAC
DSM Input Channel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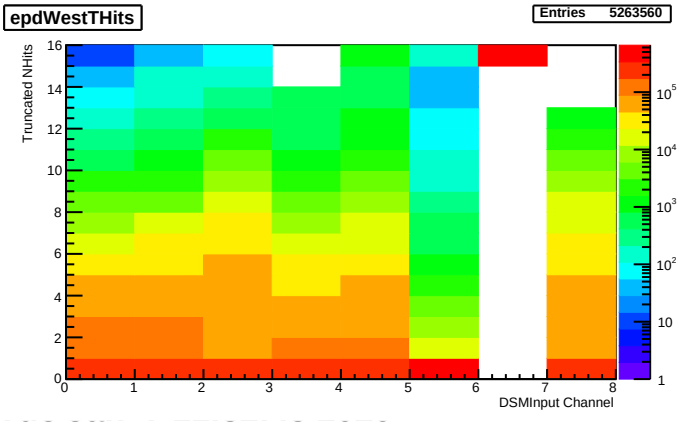
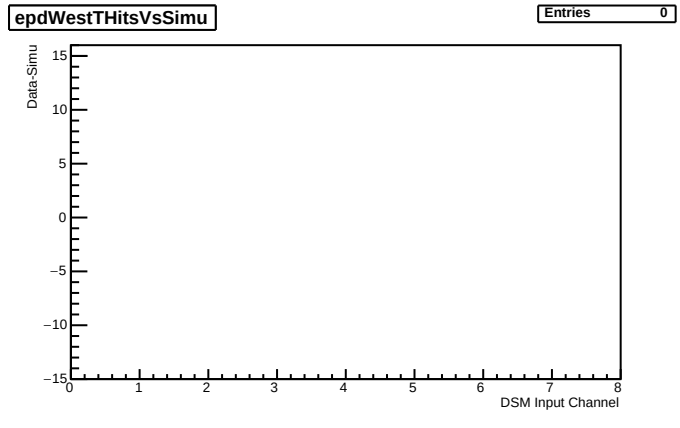
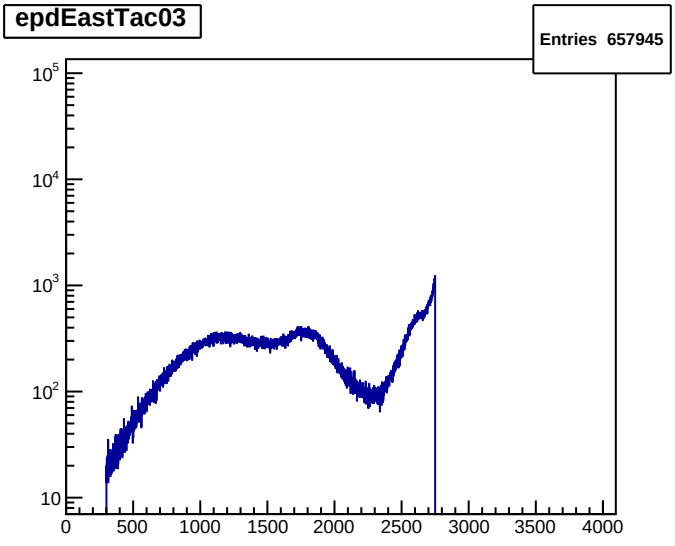
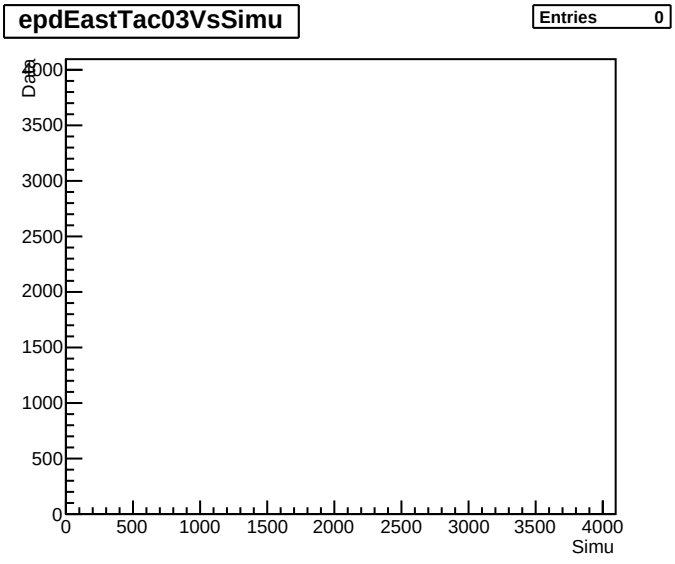
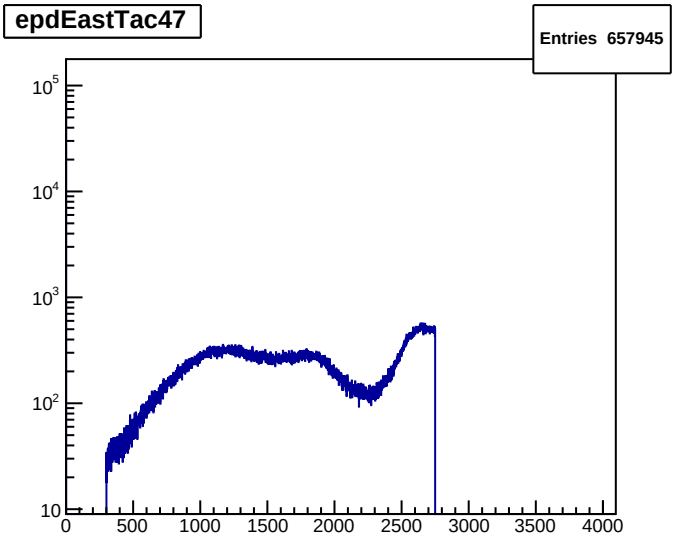
Entries 0
Data-Simu
DSM Input Channel

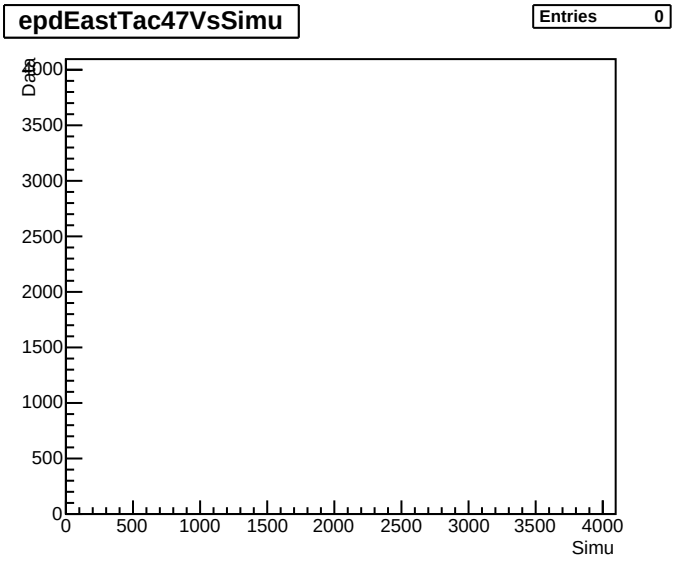

epdWestTHits
Entries 5263560
Truncated NHits
DSMInput Channel

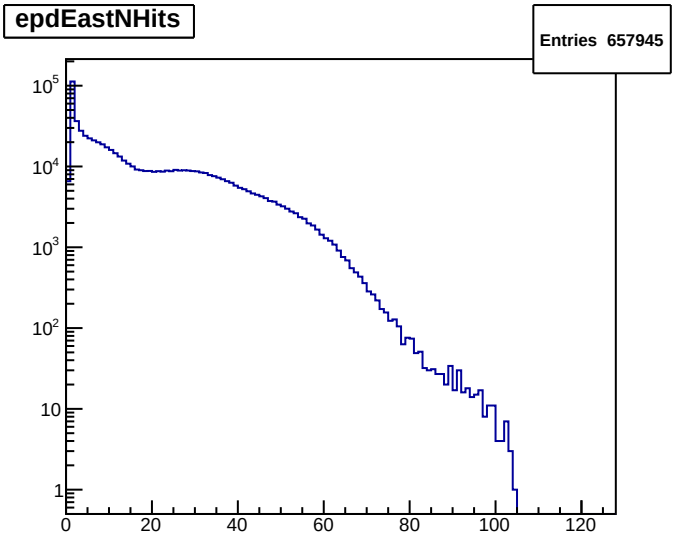

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

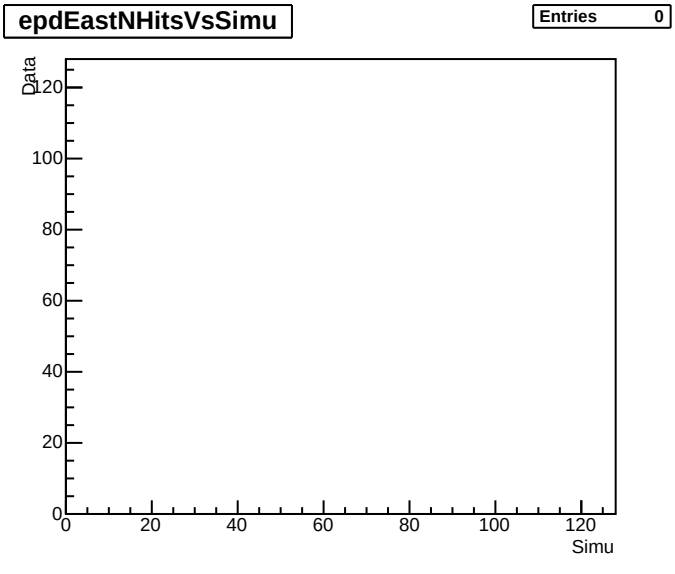

epdEastTac03
Entries 657945


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 657945


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 657945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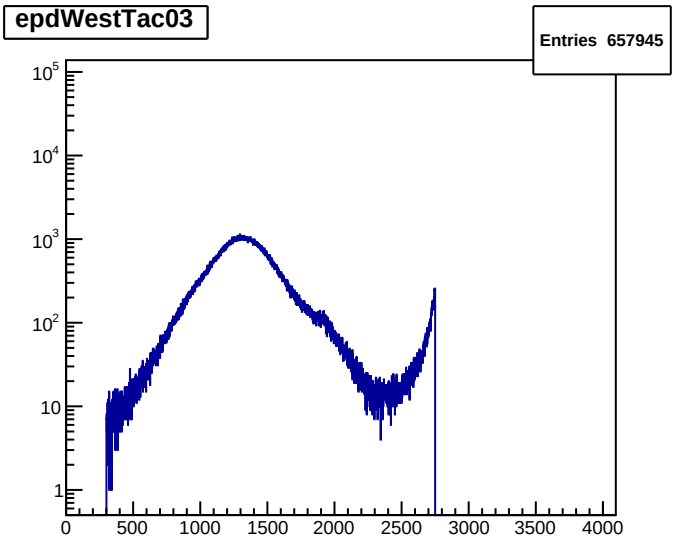
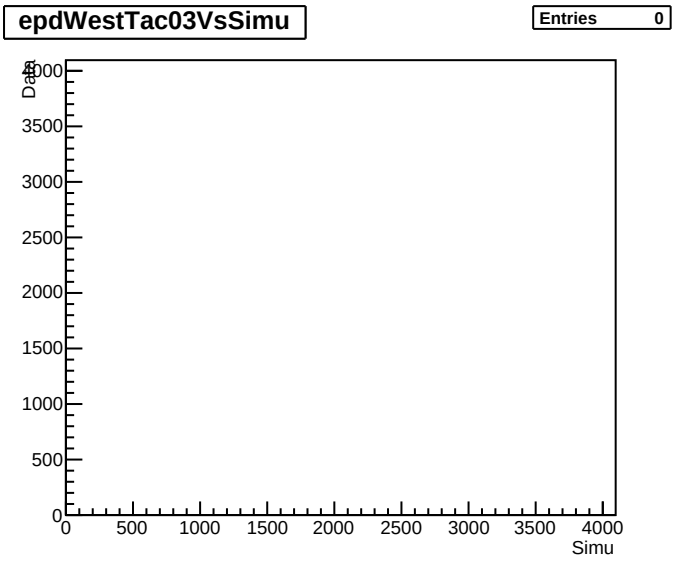
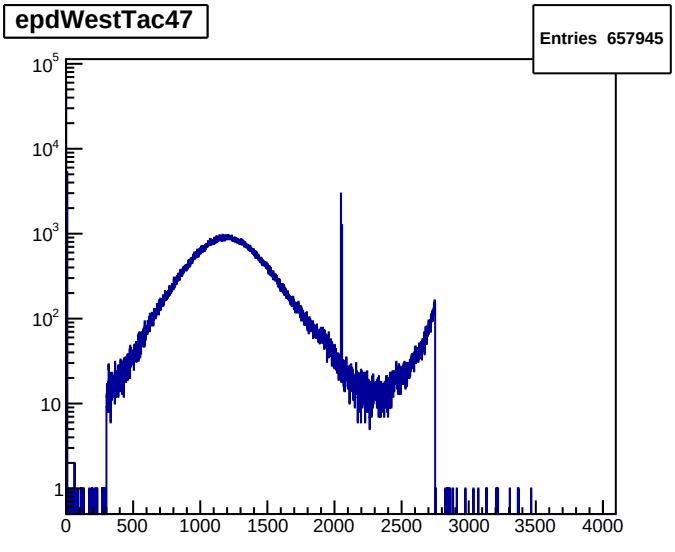
Entries 0
Data
Simu


epdWestTac03
Entries 657945


epdWestTac03VsSimu
Entries 0
Data
Simu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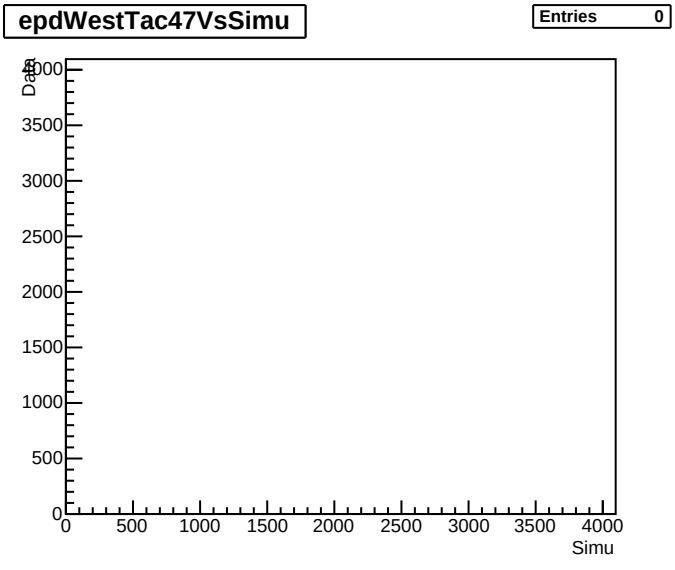
Entries 657945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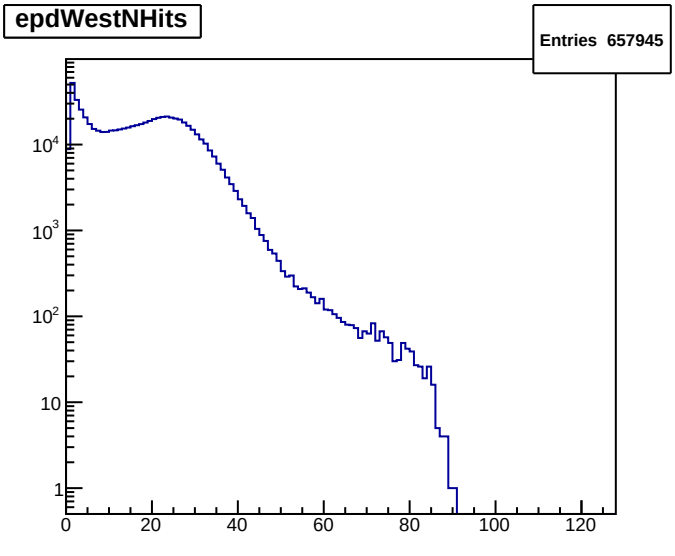
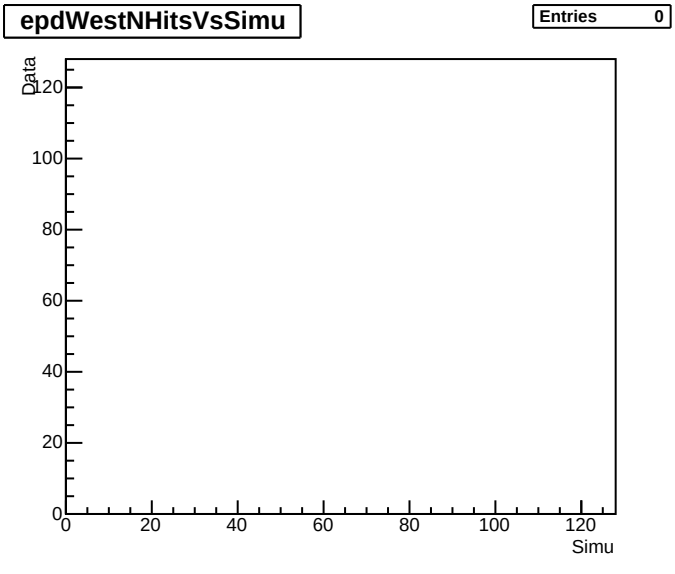
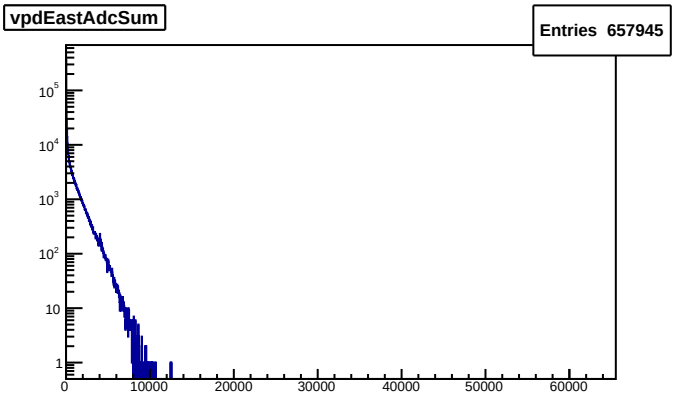
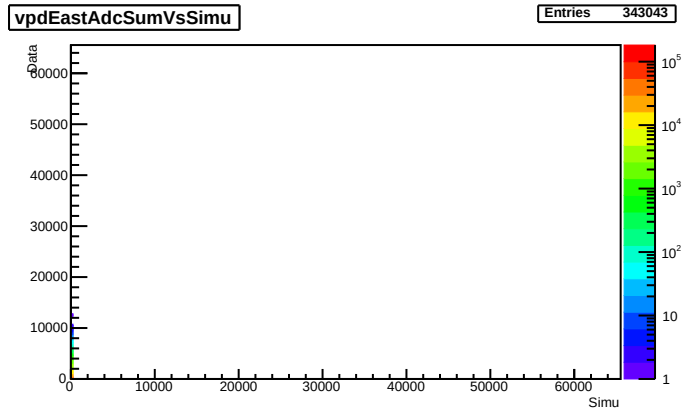
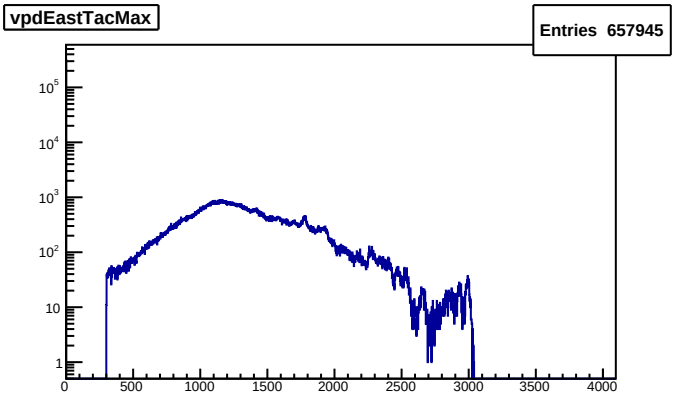
Entries 0
Data
Simu

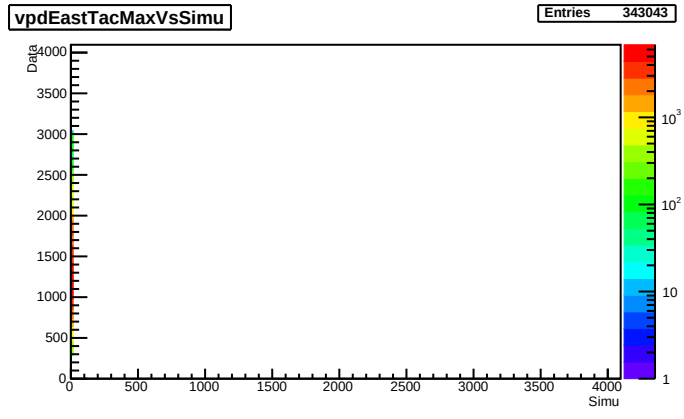

epdWestNHits
Entries 657945

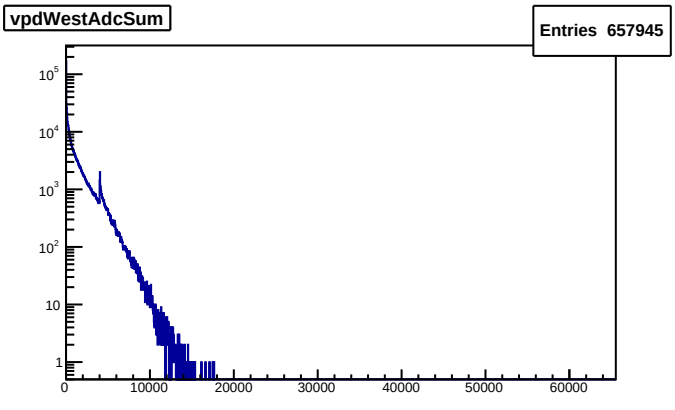

epdWestNHitsVsSimu
Entries 0
Data
Simu

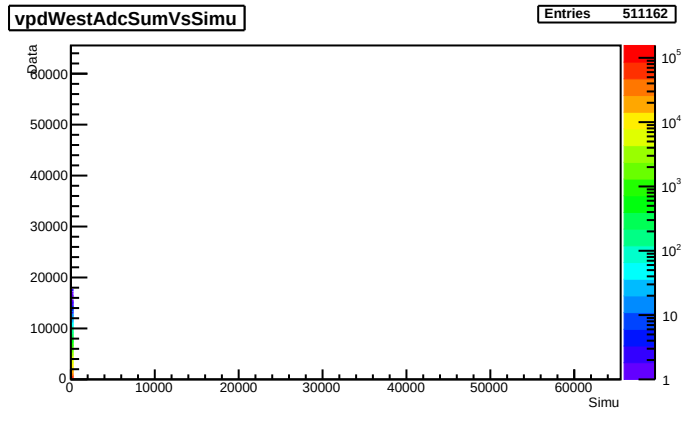

vpdEastAdcSum
Entries 657945

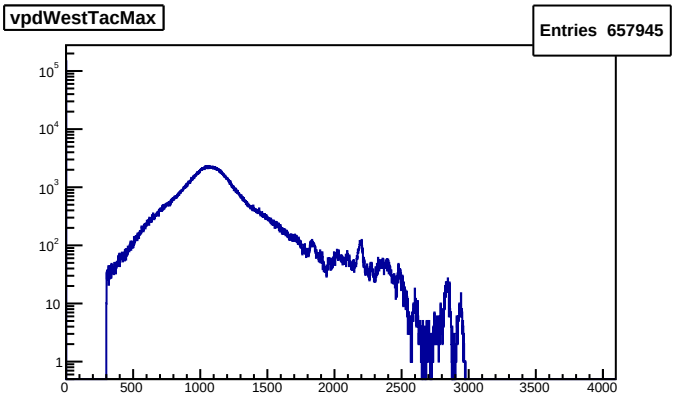

vpdEastAdcSumVsSimu
Entries 343043
Data
Simu

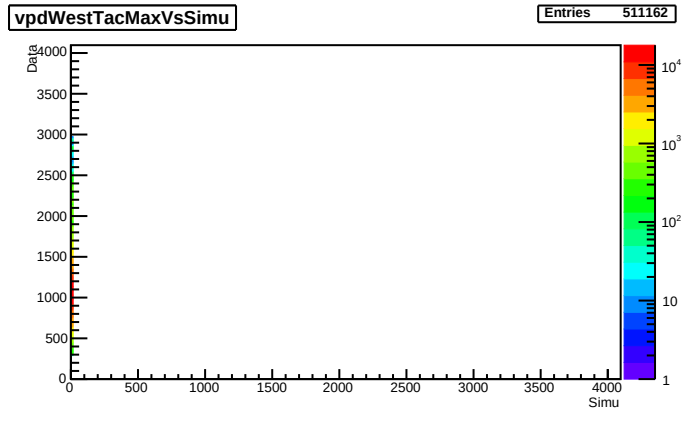

vpdEastTacMax
Entries 657945

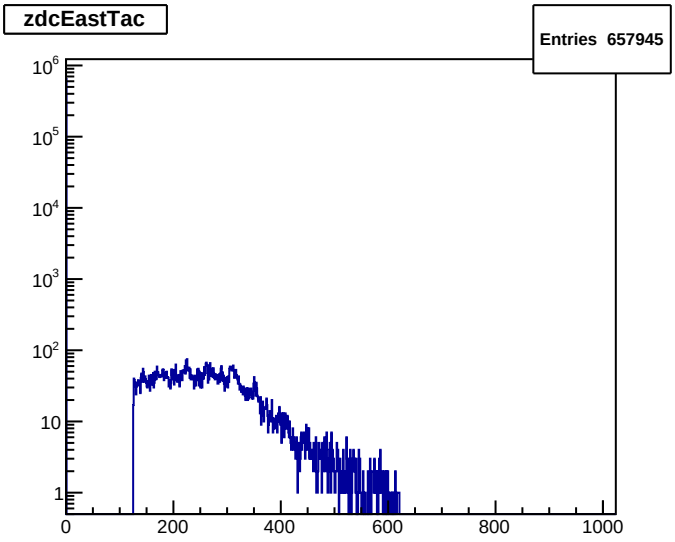

vpdEastTacMaxVsSimu
Entries 343043
Data
Simu

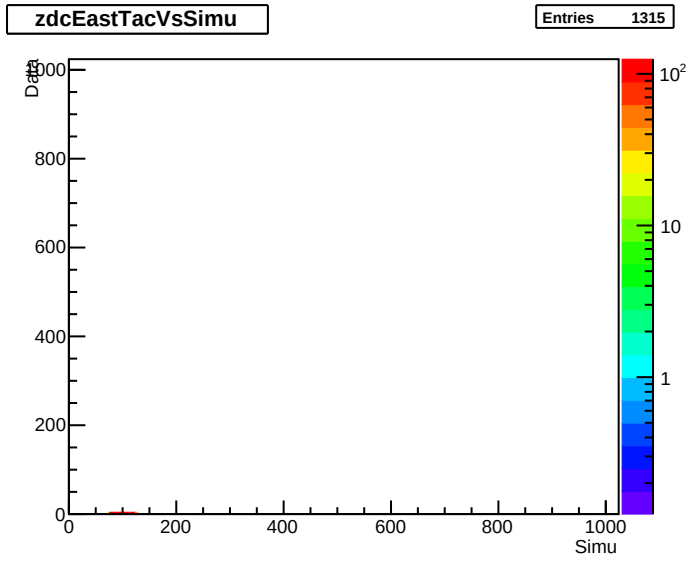

vpdWestAdcSum
Entries 657945

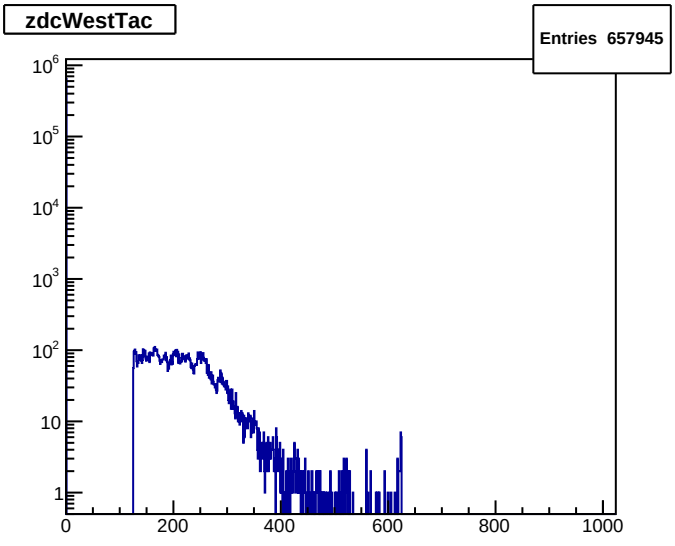

vpdWestAdcSumVsSimu
Entries 511162
Data
Simu

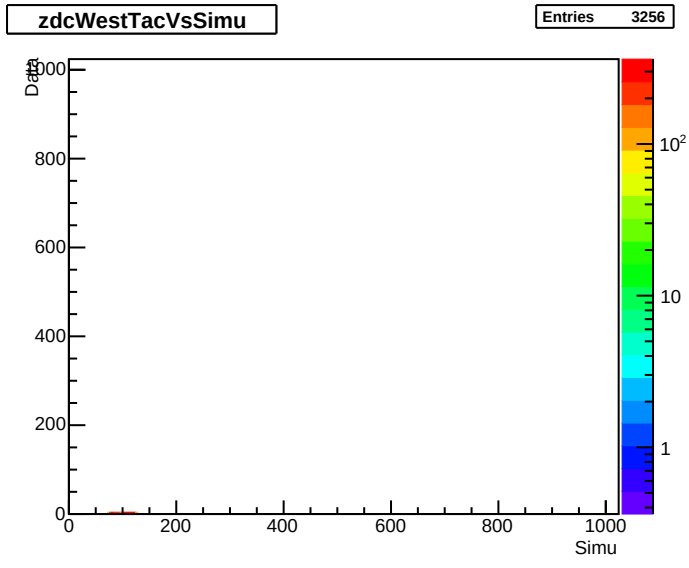

vpdWestTacMax
Entries 657945

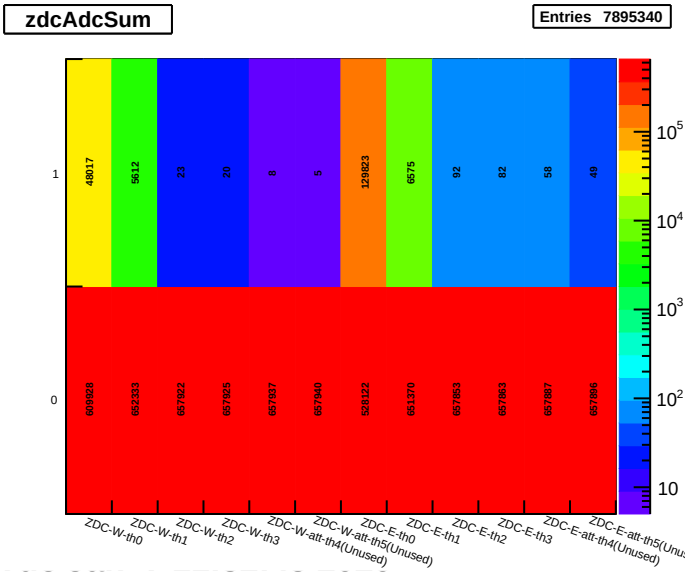

vpdWestTacMaxVsSimu
Entries 511162
Data
Simu

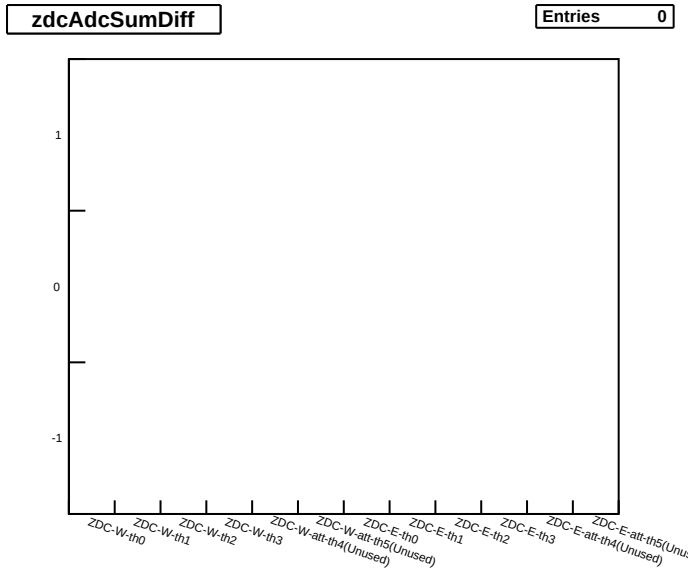

zdcEastTac
Entries 657945

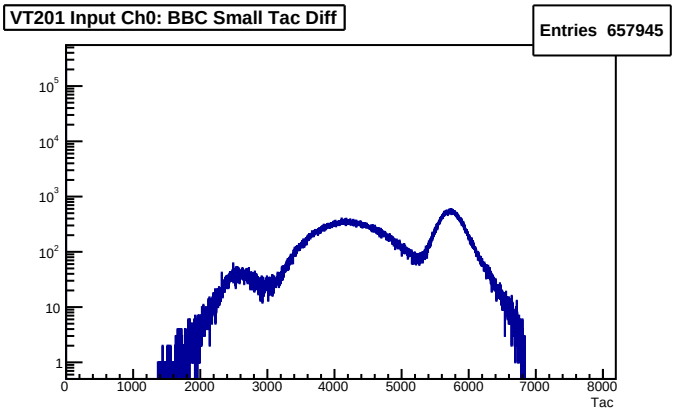

zdcEastTacVsSimu
Entries 1315
Data
Simu

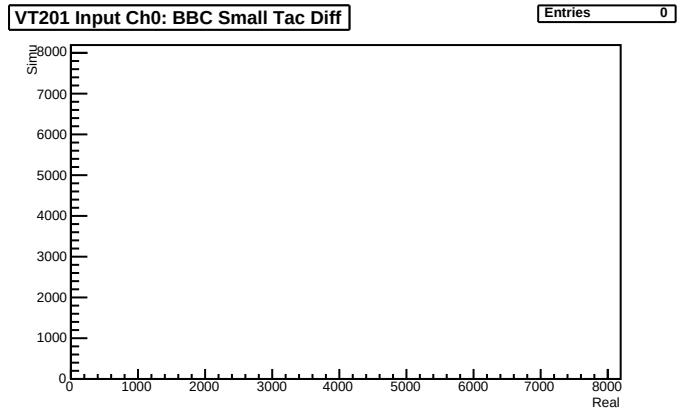

zdcWestTac
Entries 657945

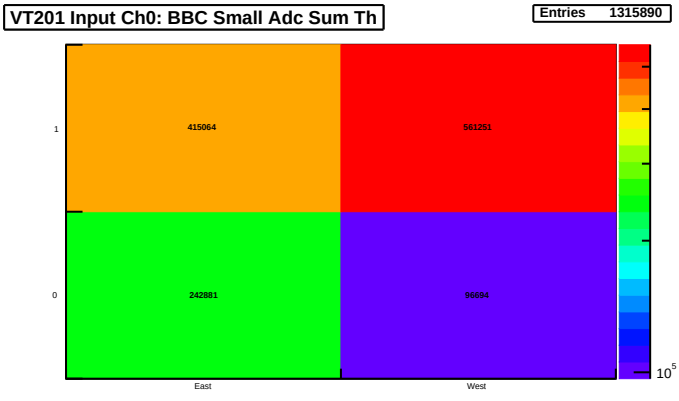

zdcWestTacVsSimu
Entries 3256
Data
Simu

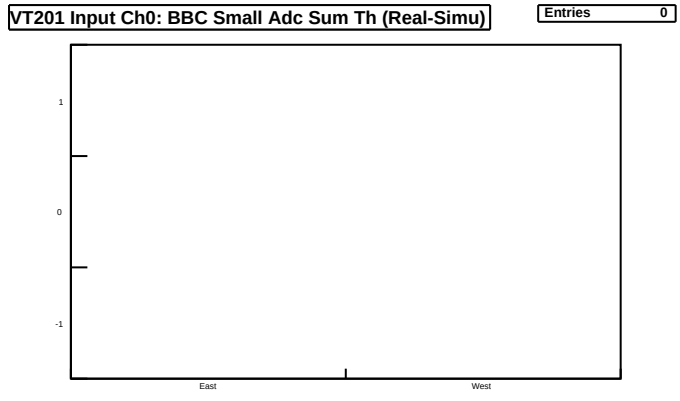

zdcAdcSum
Entries 7895340
48017
5612
23
20
8
5
129823
6575
92
82
58
49
609928
652333
657922
657925
657937
657940
528122
651370
657853
657853
657887
657886
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

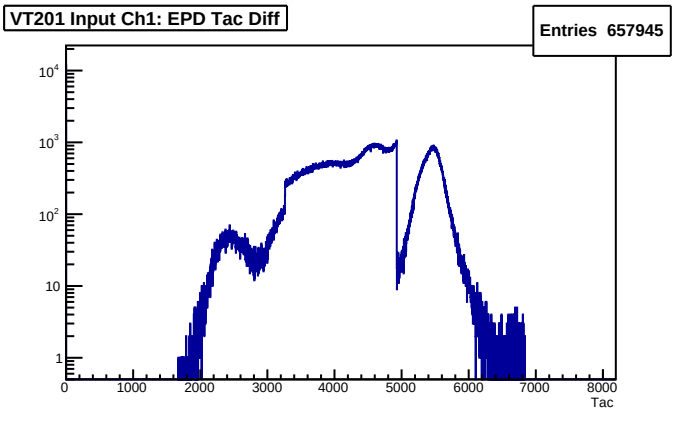

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

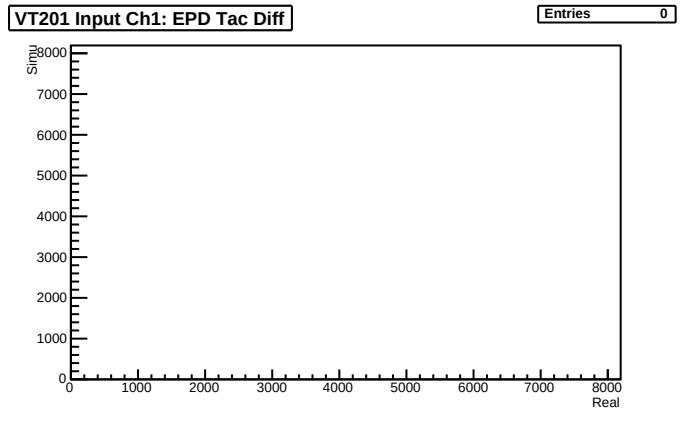

VT201 Input Ch0: BBC Small Tac Diff
Entries 657945
Tac

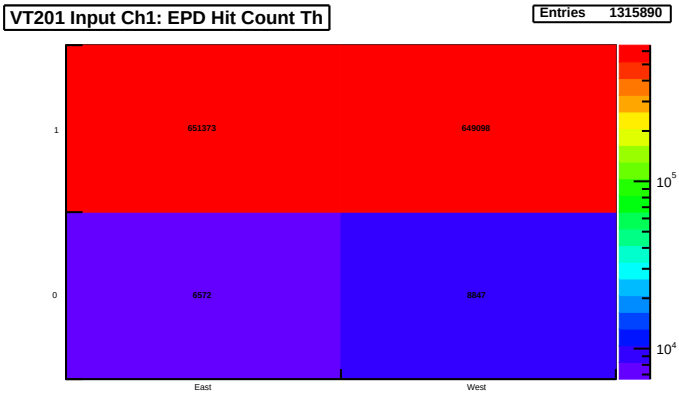

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

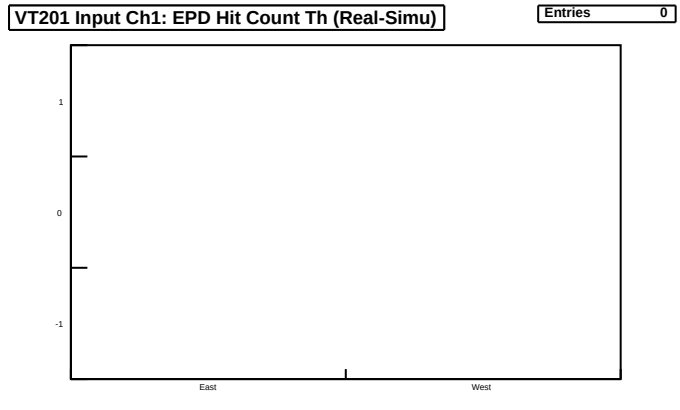

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1315890
415064
561251
242881
96694
East
West

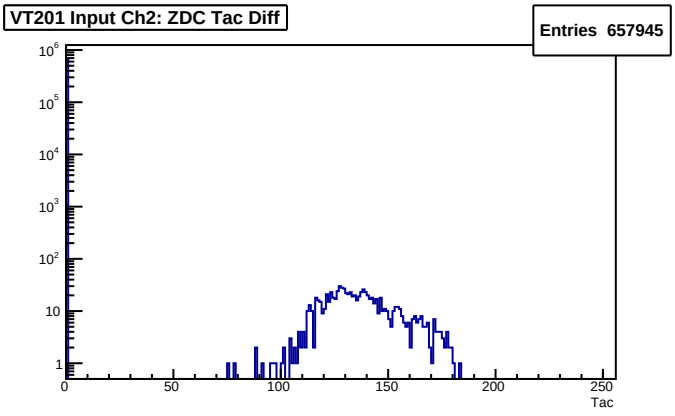

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

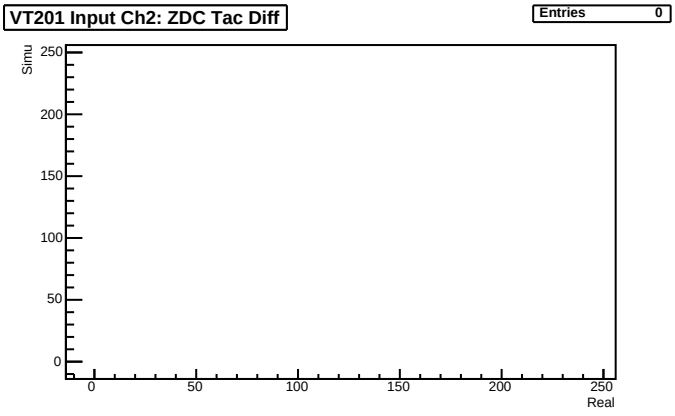

VT201 Input Ch1: EPD Tac Diff
Entries 657945
Tac

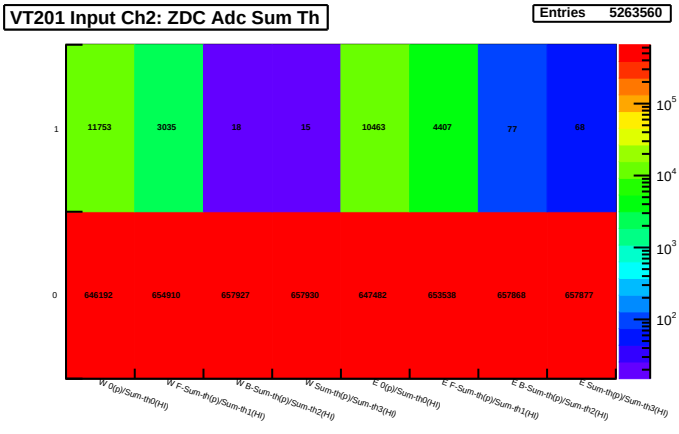

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

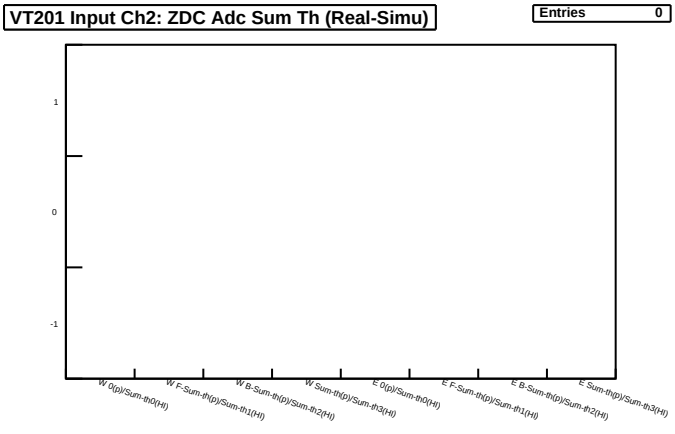

VT201 Input Ch1: EPD Hit Count Th
Entries 1315890
651373
649098
6572
8847
East
West

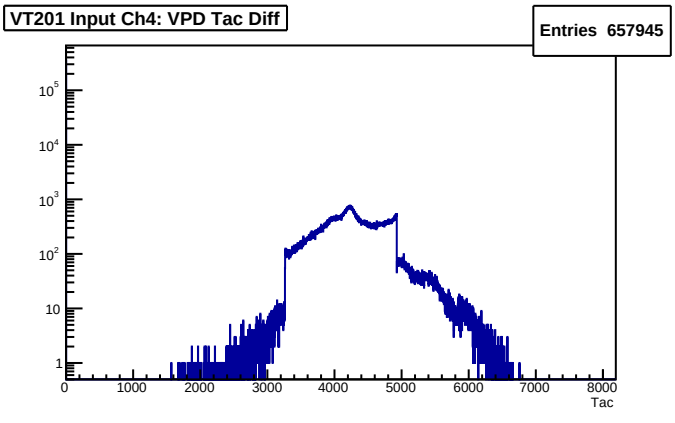

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

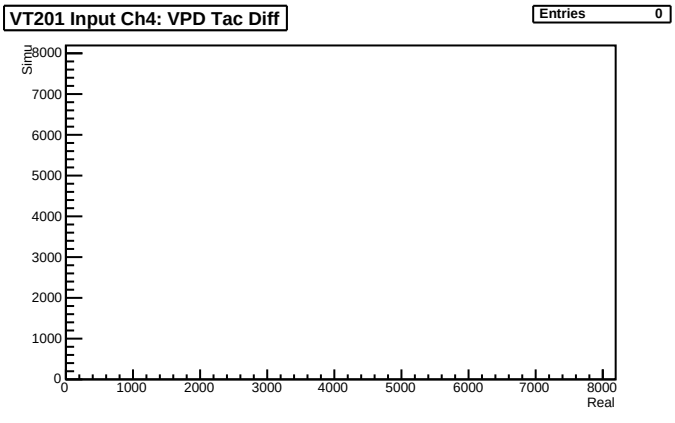

VT201 Input Ch2: ZDC Tac Diff
Entries 657945
Tac

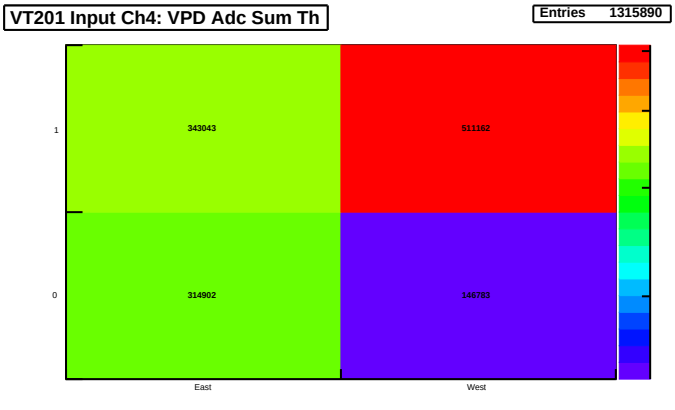

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

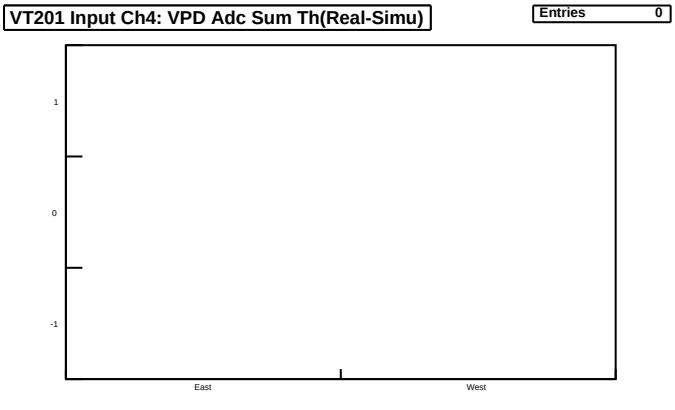

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5263560
11753
3035
18
15
10463
4407
77
68
646192
654910
657927
657930
647482
653538
657868
657877
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

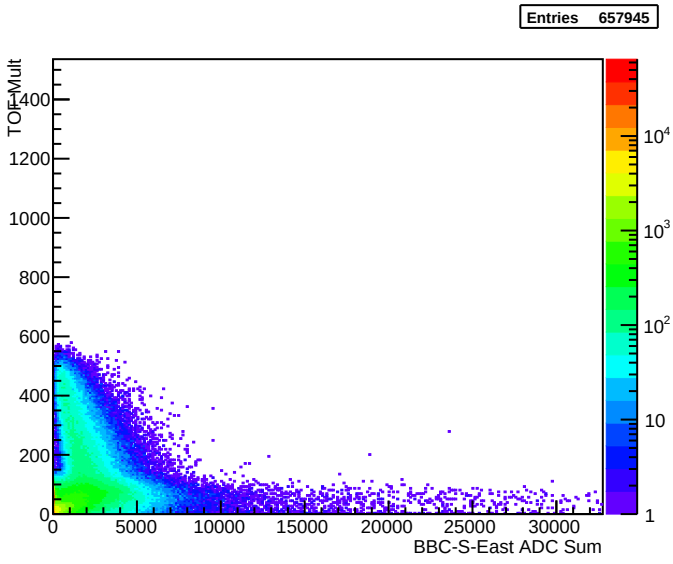

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

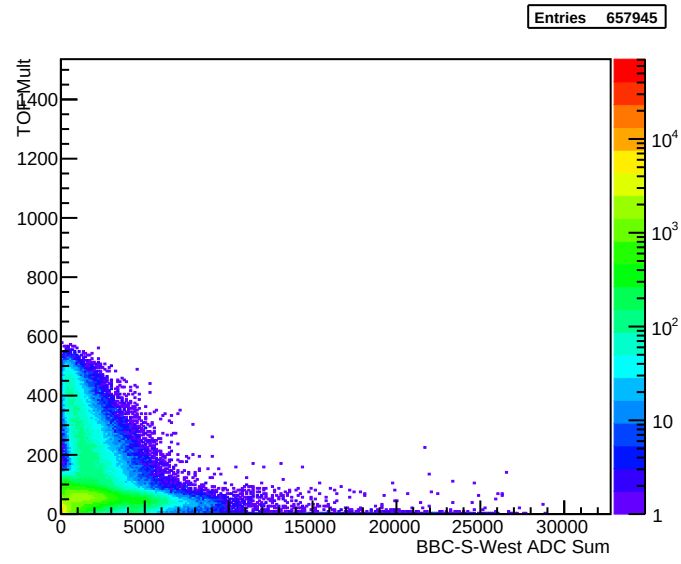

VT201 Input Ch4: VPD Tac Diff
Entries 657945
Tac

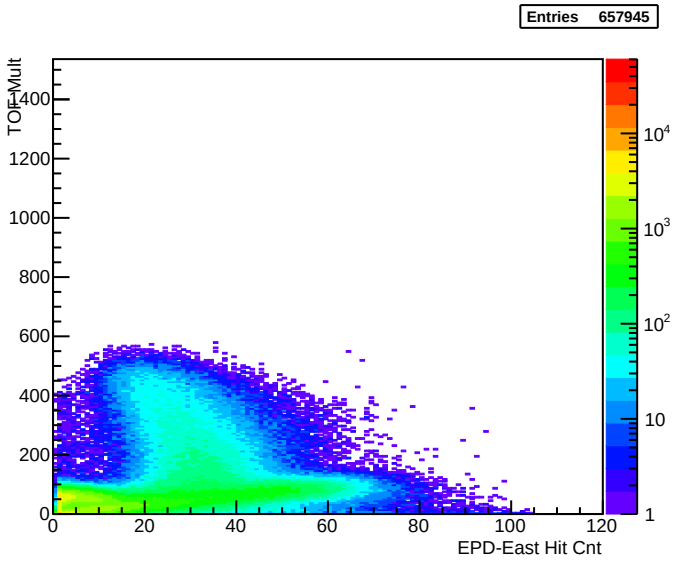

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

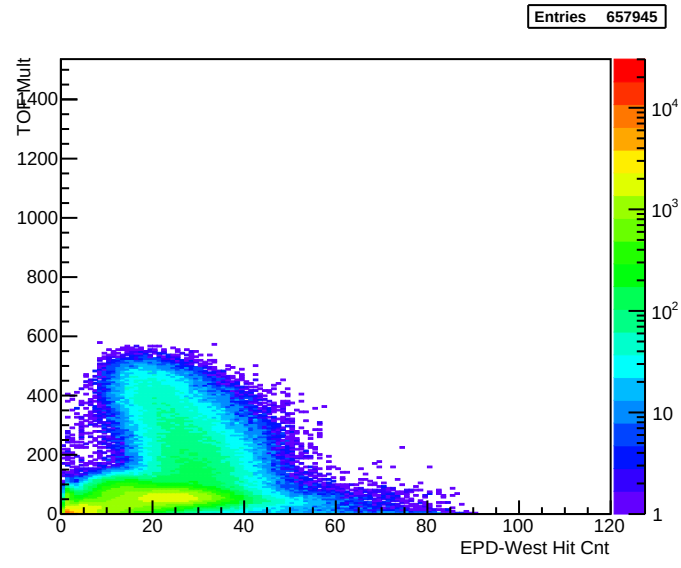

VT201 Input Ch4: VPD Adc Sum Th
Entries 1315890
343043
511162
314902
146783
East
West

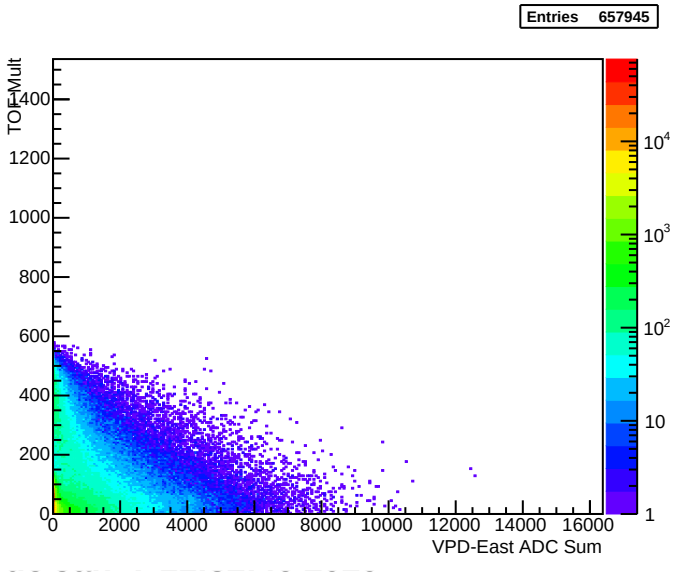

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

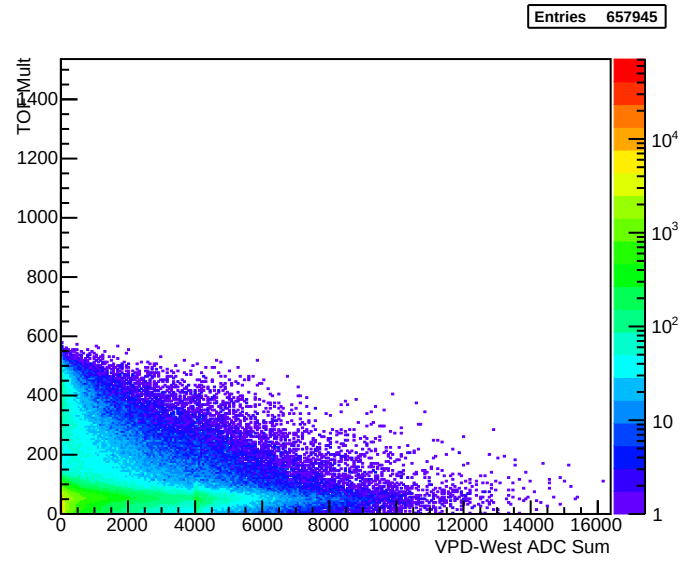

Entries 657945
TOF-Mult
BBC-S-East ADC Sum

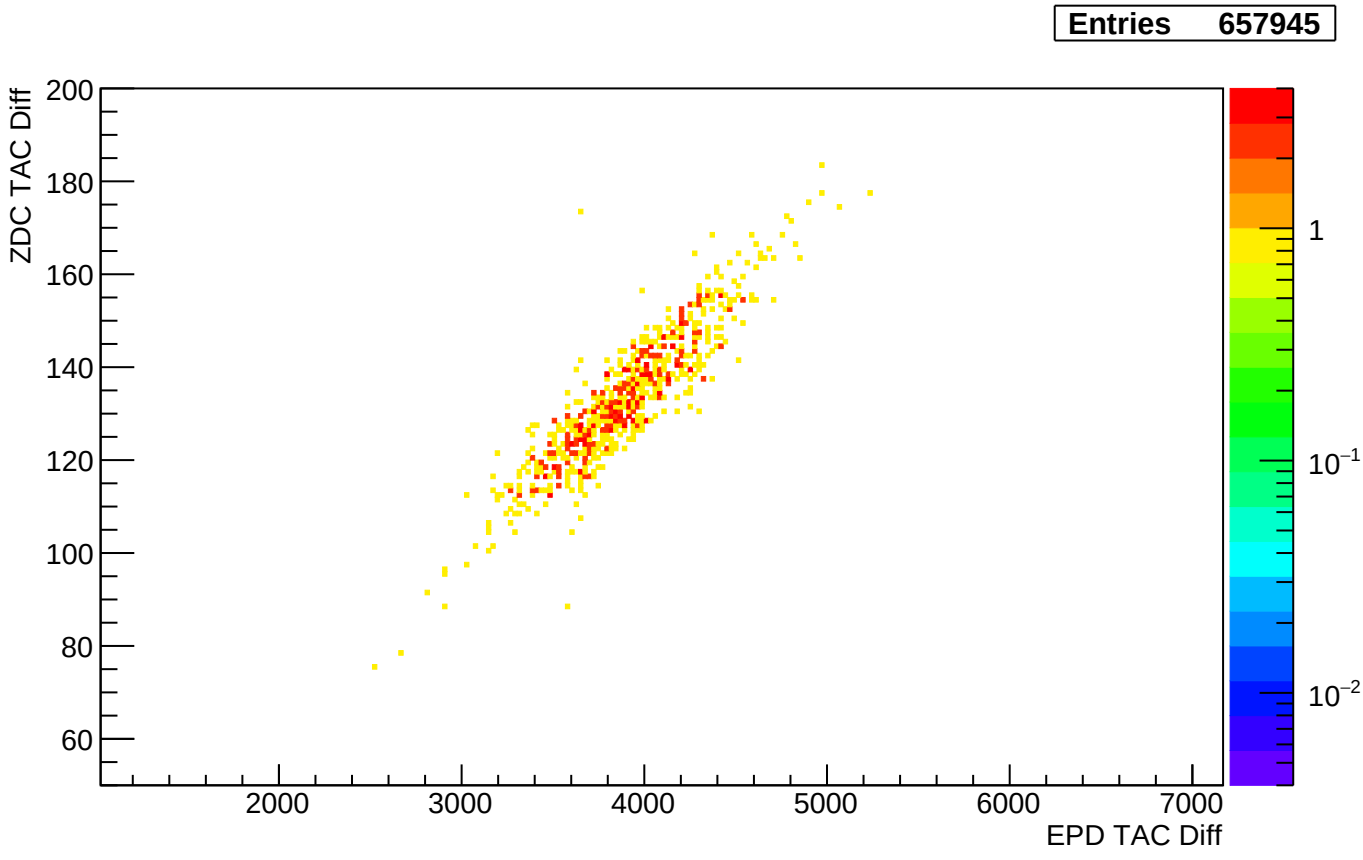

Entries 657945
TOF-Mult
BBC-S-West ADC Sum

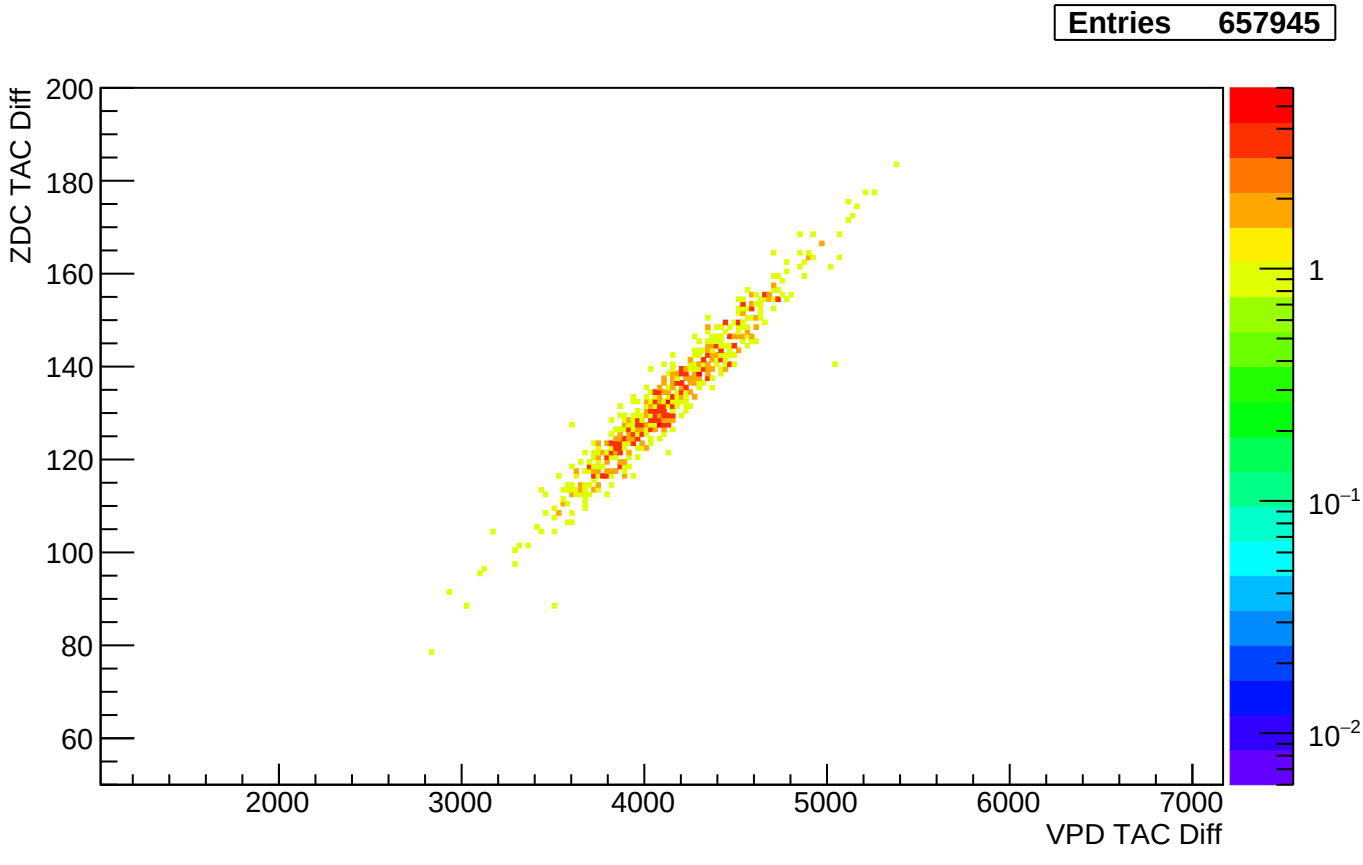

Entries 657945
TOF-Mult
EPD-East Hit Cnt

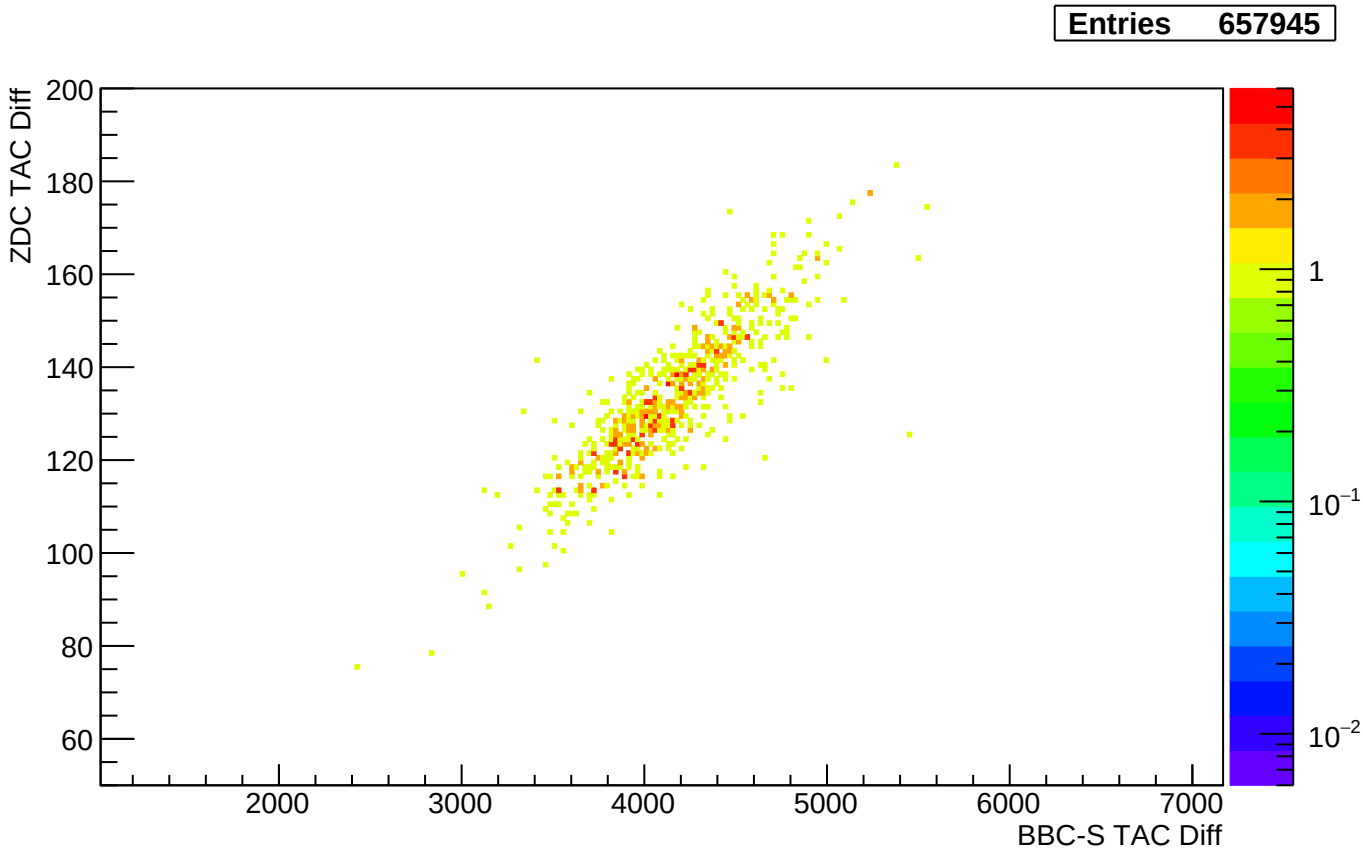

Entries 657945
TOF-Mult
EPD-West Hit Cnt

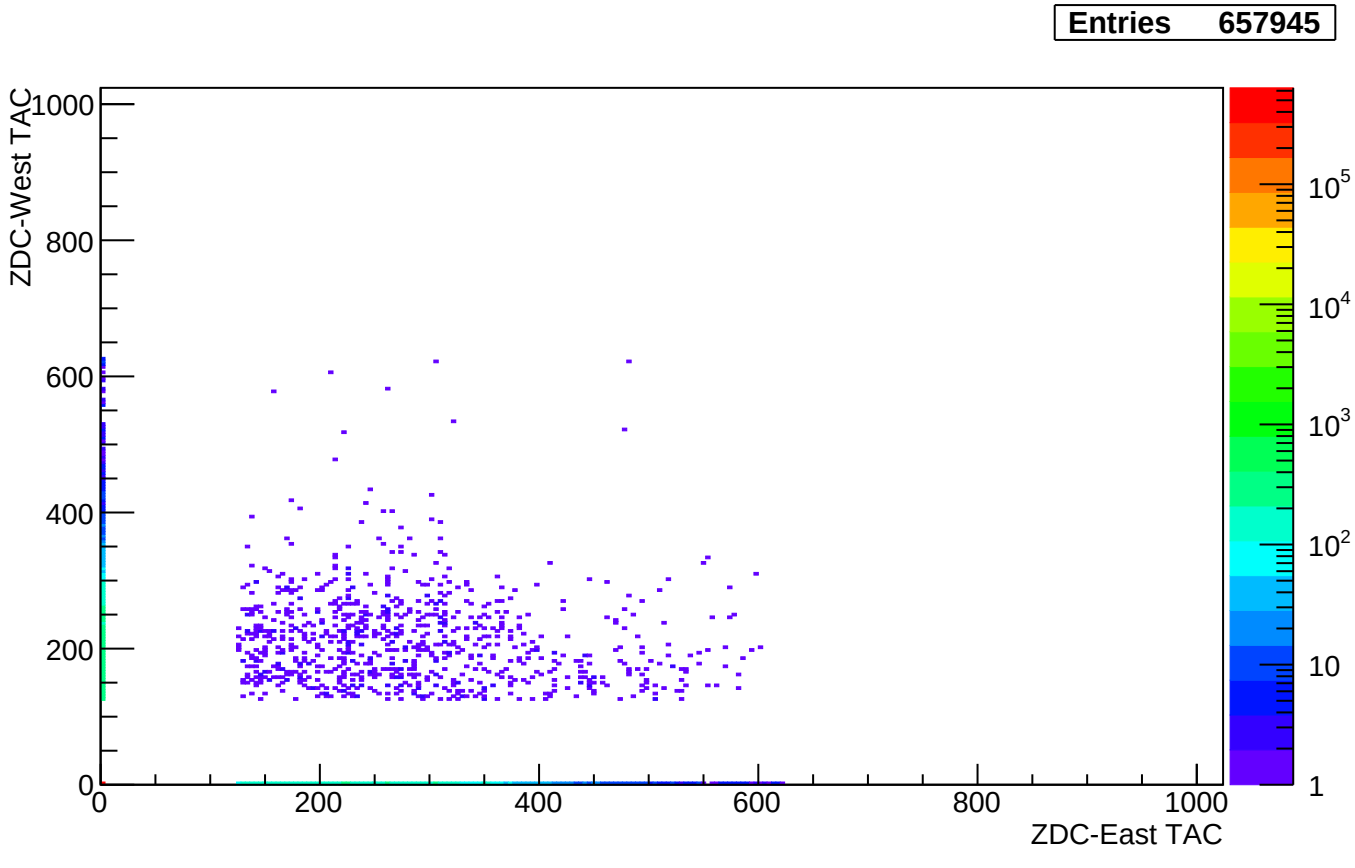

Entries 657945
TOF-Mult
VPD-East ADC Sum

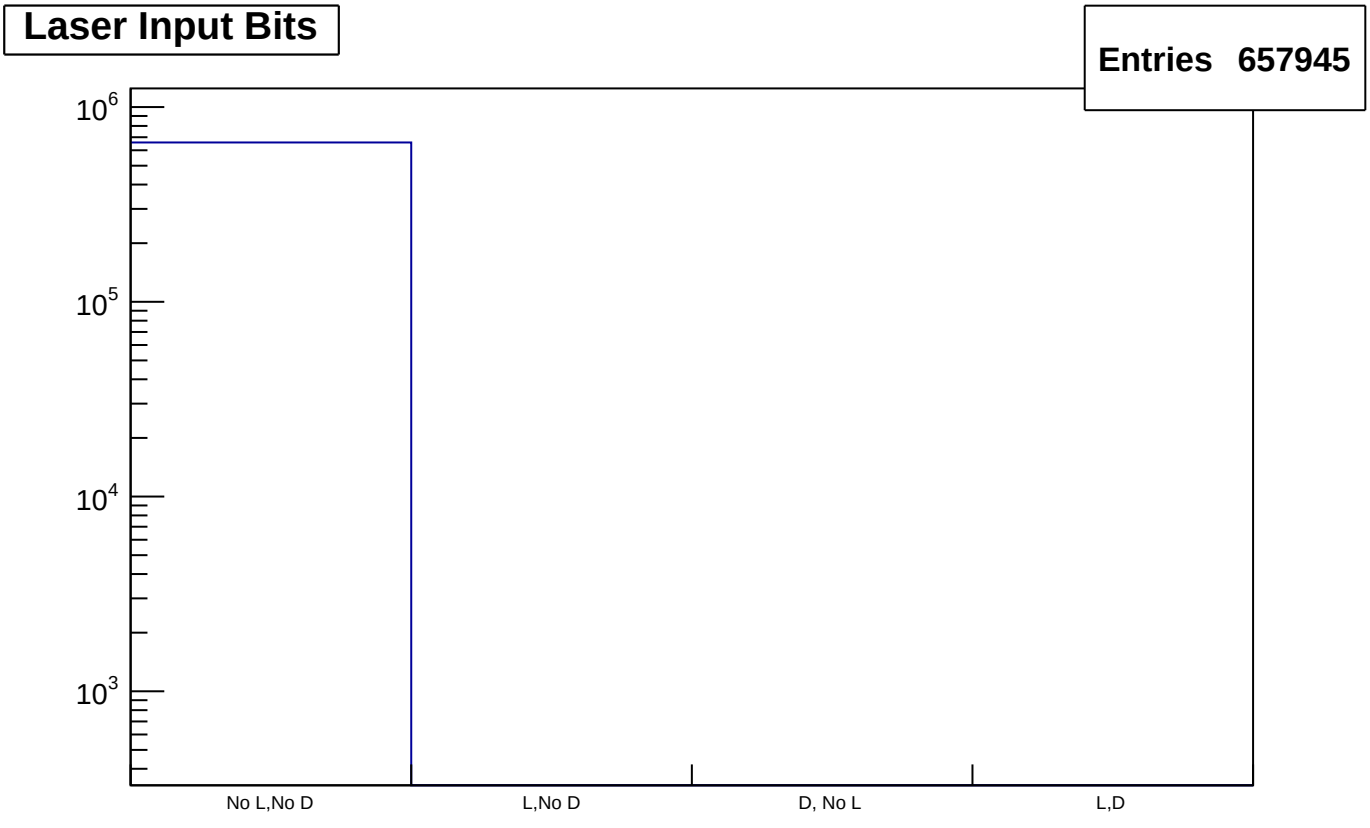

Entries 657945
TOF-Mult
VPD-West ADC Sum

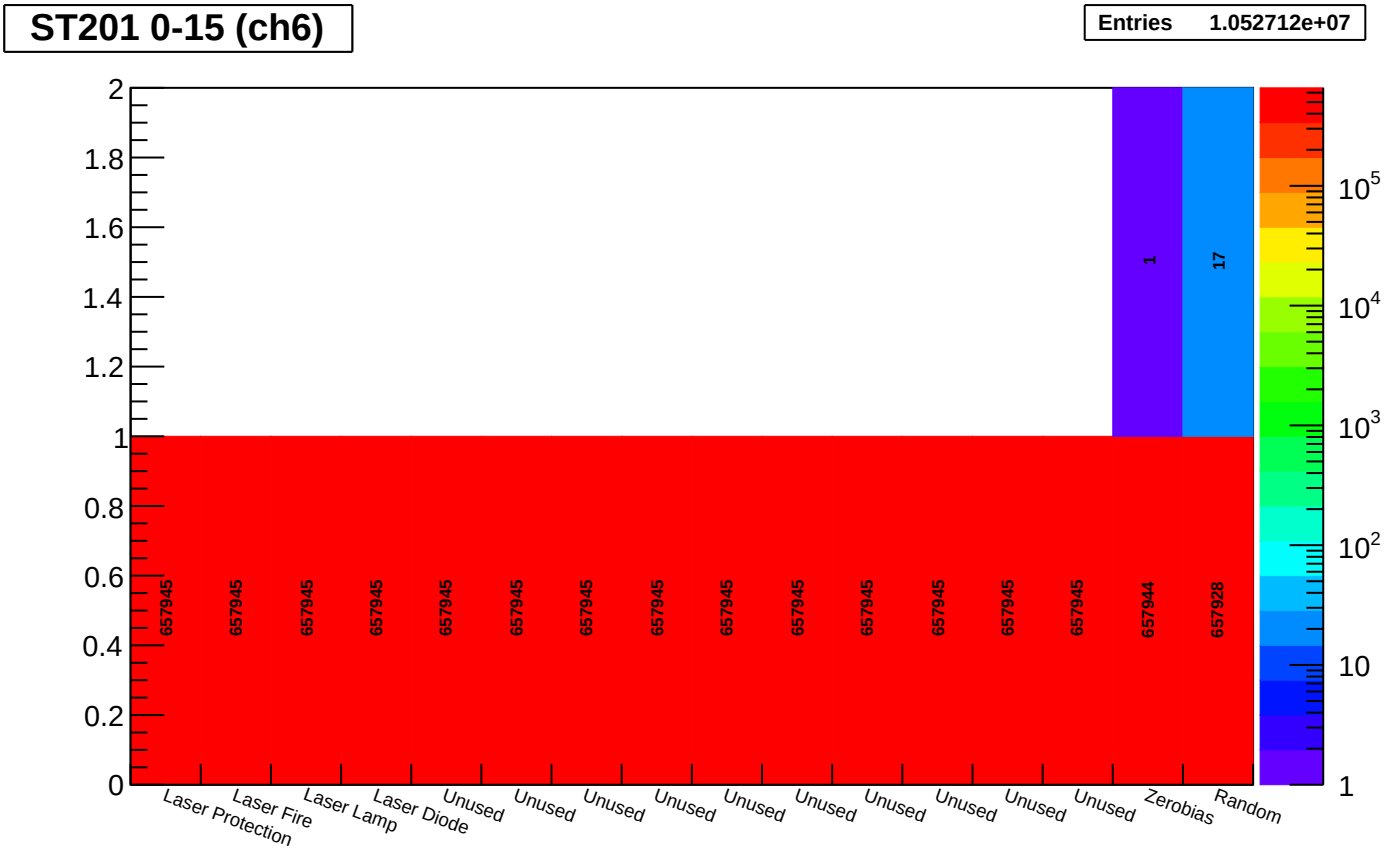

Entries 657945
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

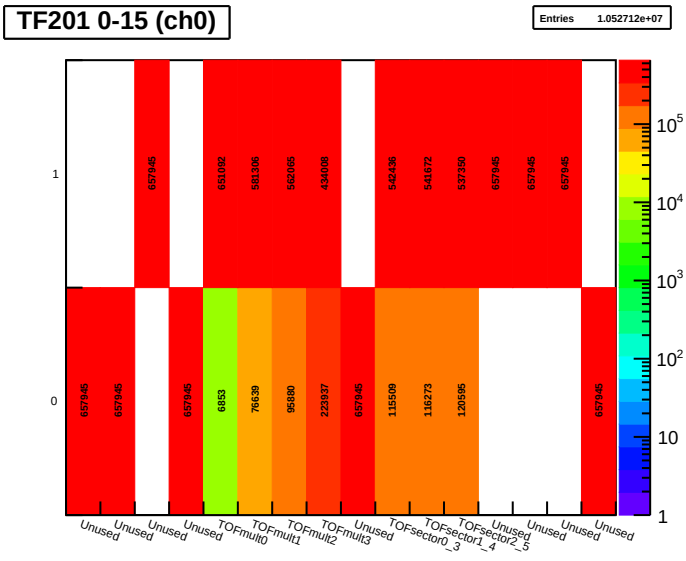

Entries 657945
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

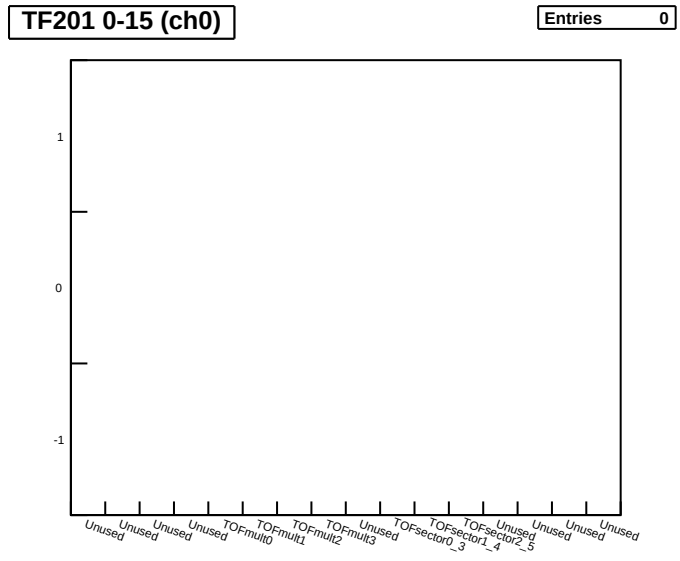

Entries 657945
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

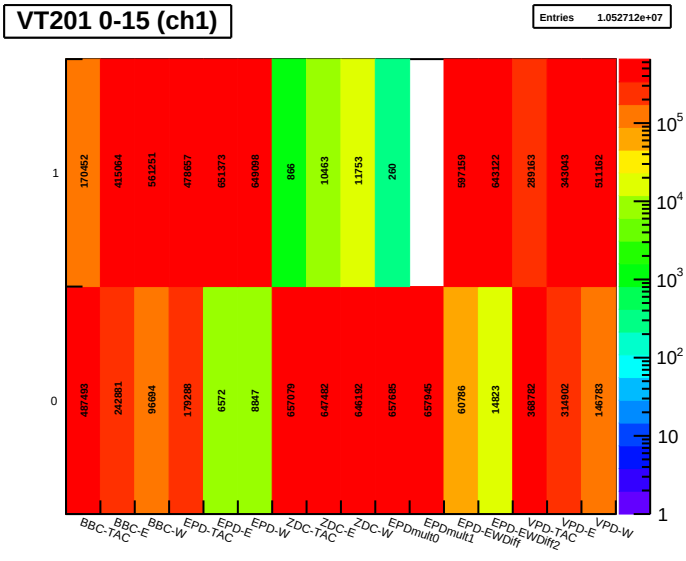

Entries 657945
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

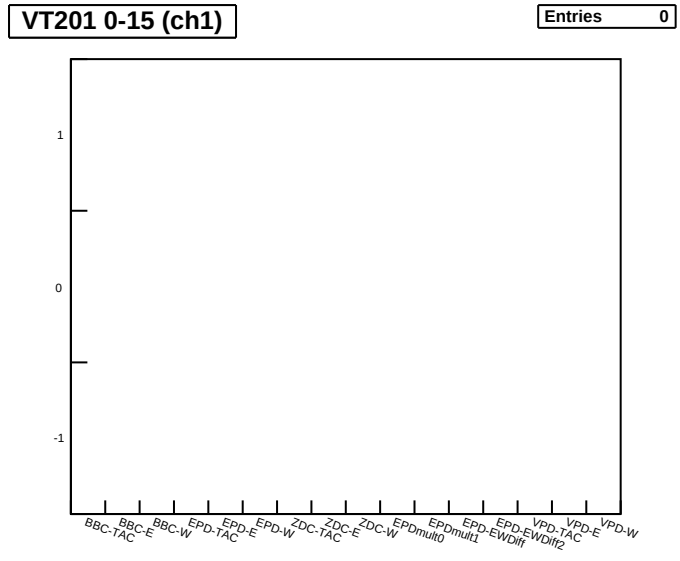

Laser Input Bits
Entries 657945
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

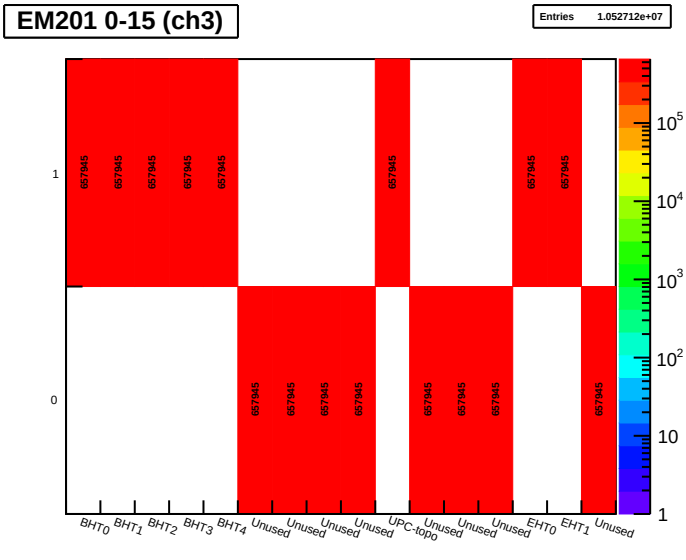

ST201 0-15 (ch6)
Entries 1.052712e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657944
657928
1
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

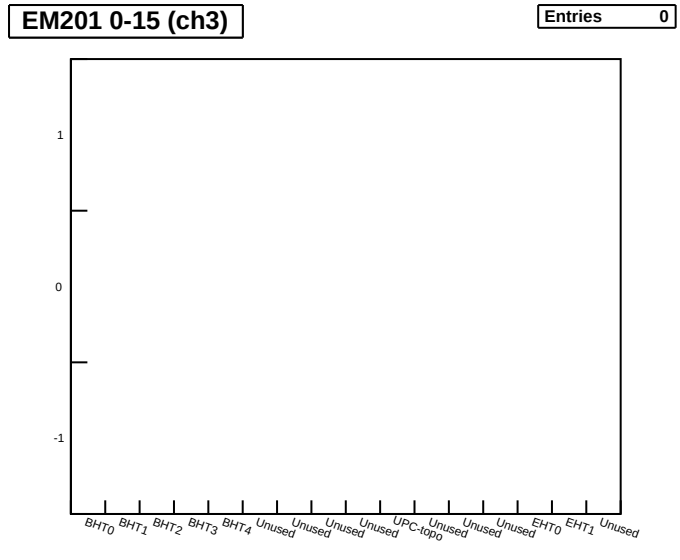

TF201 0-15 (ch0)
Entries 1.052712e+07
1
0
657945
651092
581306
562065
434008
542436
541672
537350
657945
657945
657945
657945
657945
657945
6853
76639
95880
223937
657945
115509
116273
120595
657945
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 1.052712e+07
1
0
170452
415064
561251
478657
651373
649098
866
10463
11753
260
597159
643122
289163
343043
511162
487493
242881
96694
179288
6572
8847
657079
647482
646192
657685
657945
60786
14823
368782
314902
146783
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 1.052712e+07
1
0
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
657945
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