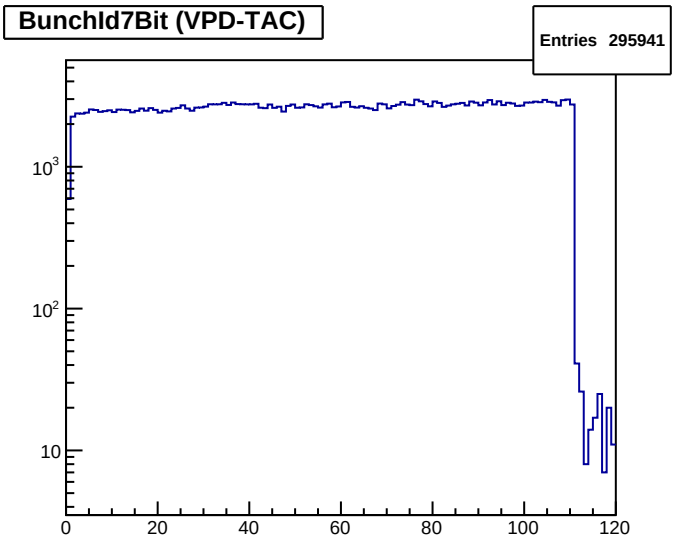
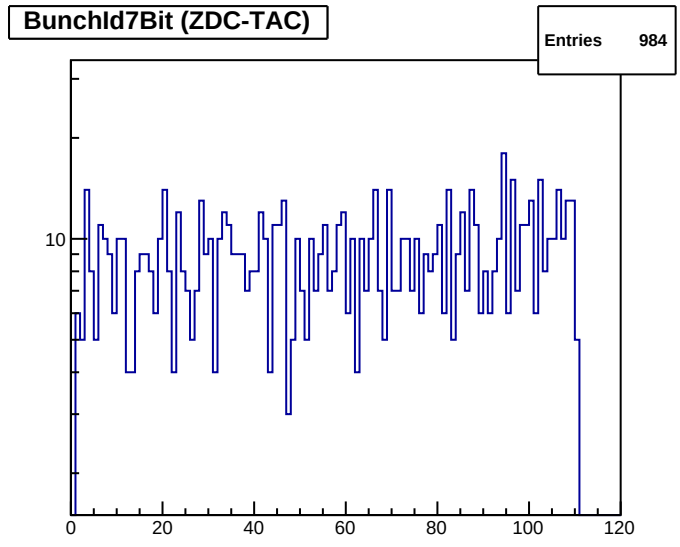
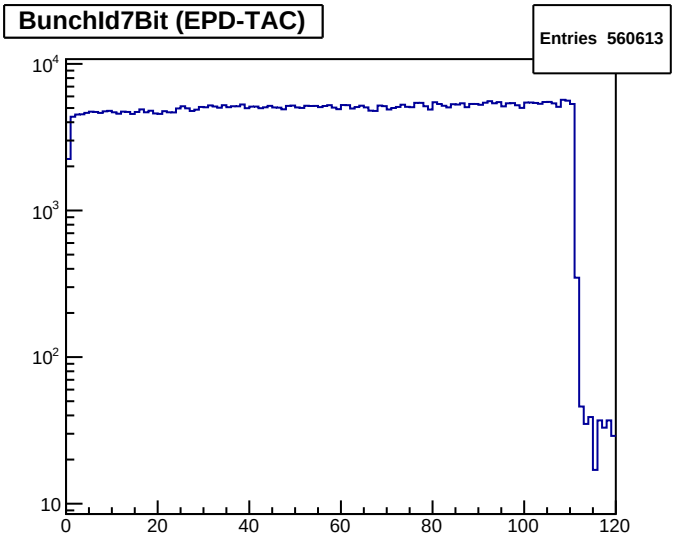
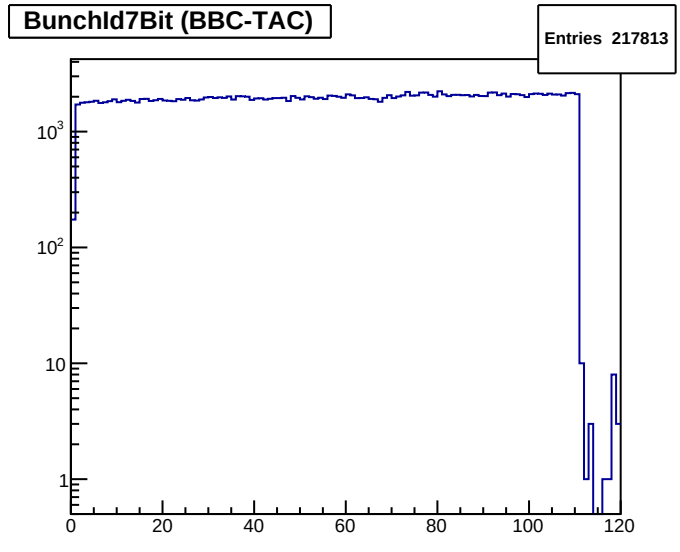
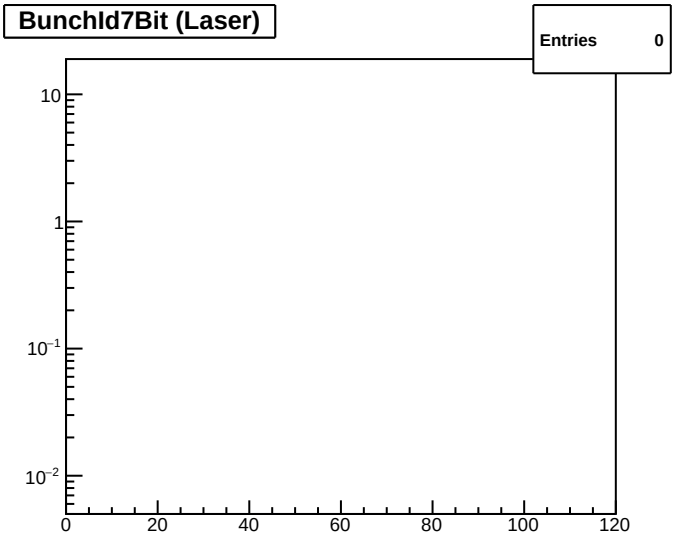
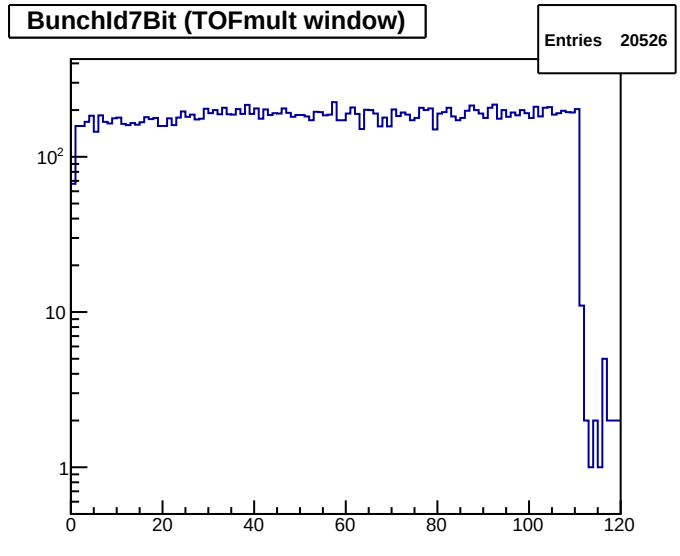

BunchId7Bit (VPD-TAC)
Entries 295941

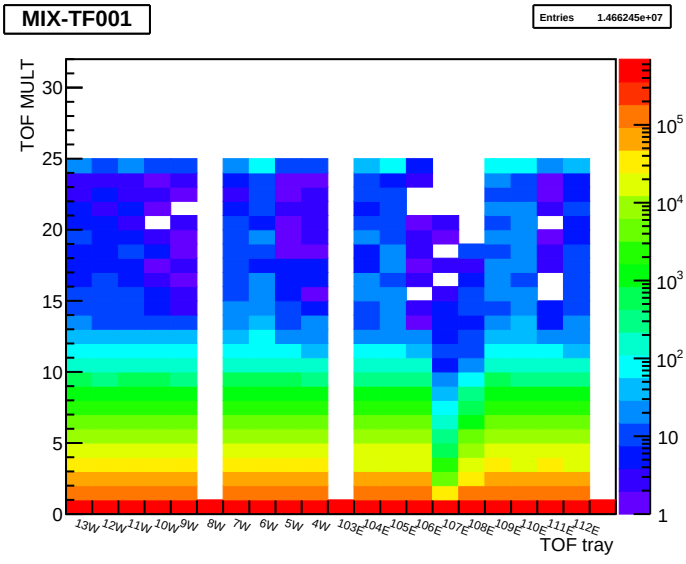

BunchId7Bit (ZDC-TAC)
Entries 984

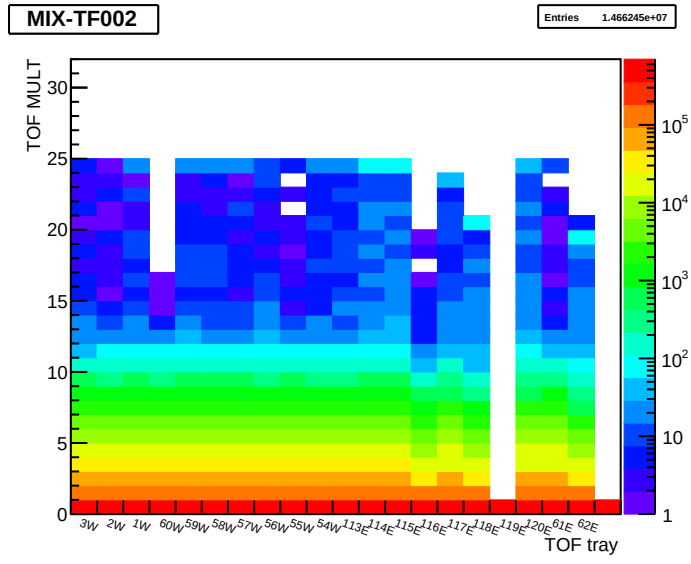

BunchId7Bit (EPD-TAC)
Entries 560613

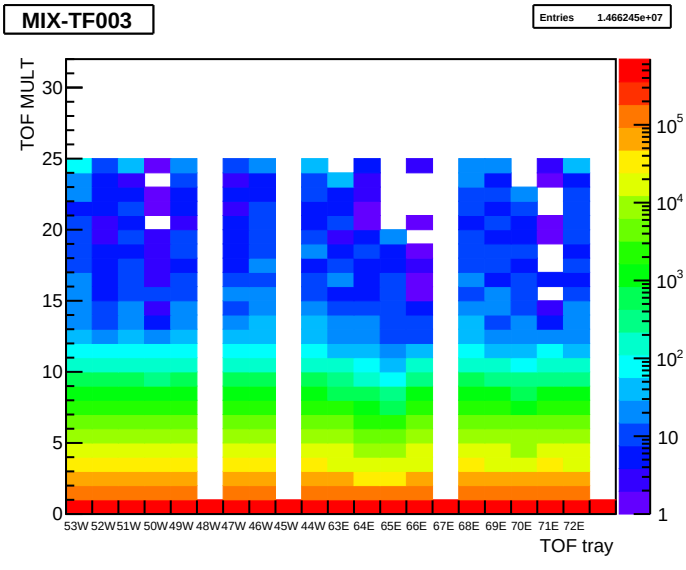

BunchId7Bit (BBC-TAC)
Entries 217813

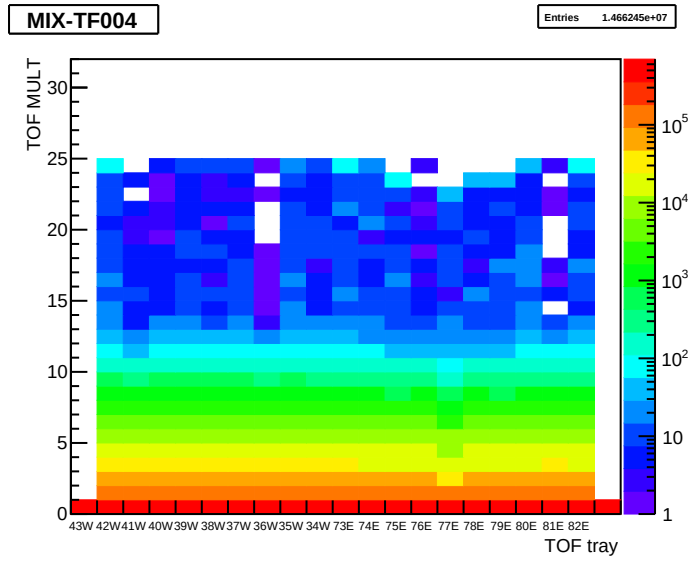

BunchId7Bit (Laser)
Entries 0

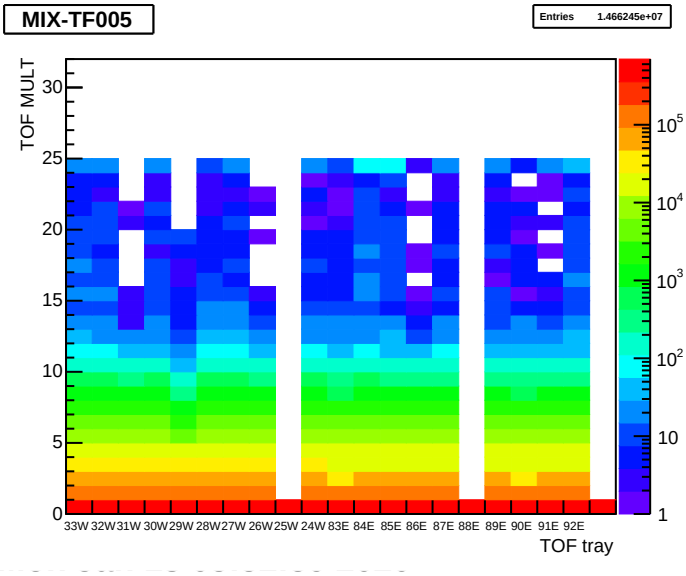

BunchId7Bit (TOFmult window)
Entries 20526

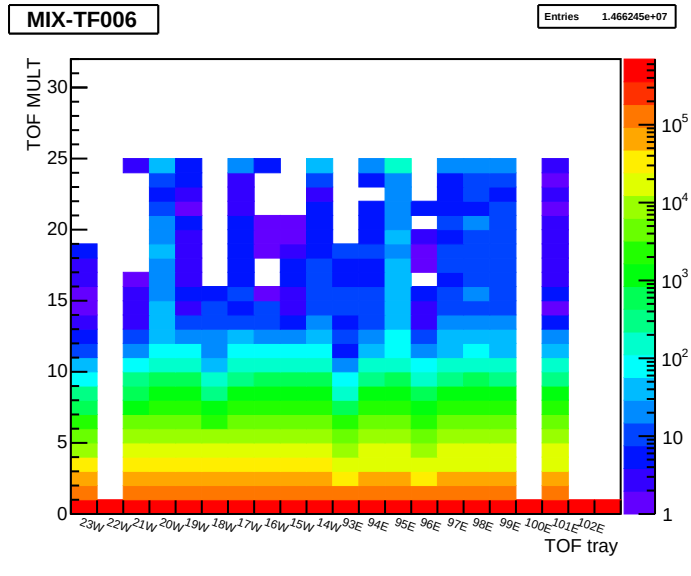

MIX-TF001
Entries 1.466245e+07
TOF MULT
TOF tray

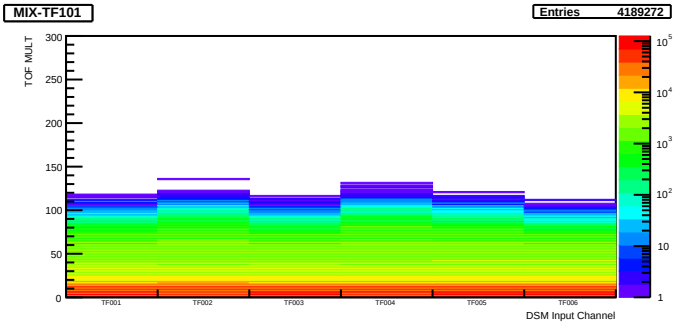

MIX-TF002
Entries 1.466245e+07
TOF MULT
TOF tray

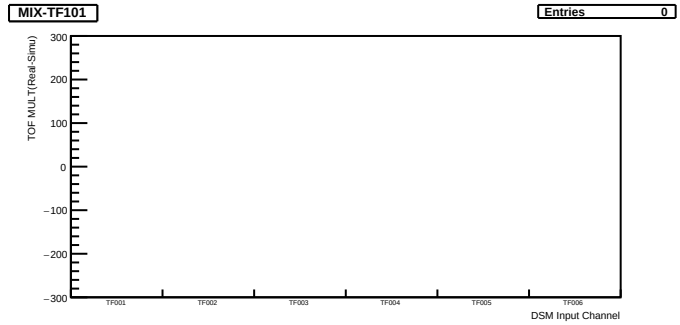

MIX-TF003
Entries 1.466245e+07
TOF MULT
TOF tray

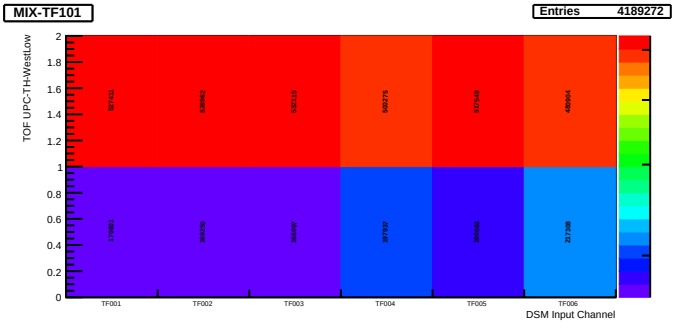

MIX-TF004
Entries 1.466245e+07
TOF MULT
TOF tray

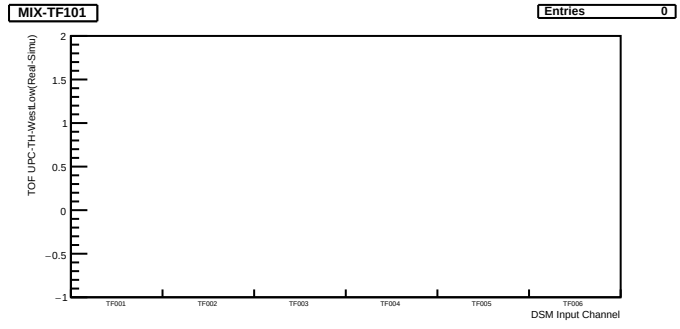

MIX-TF005
Entries 1.466245e+07
TOF MULT
TOF tray

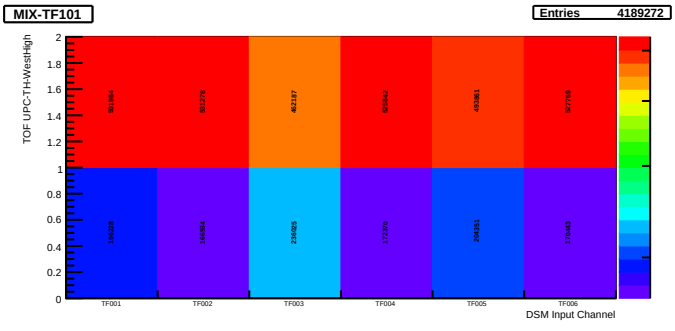

MIX-TF006
Entries 1.466245e+07
TOF MULT
TOF tray

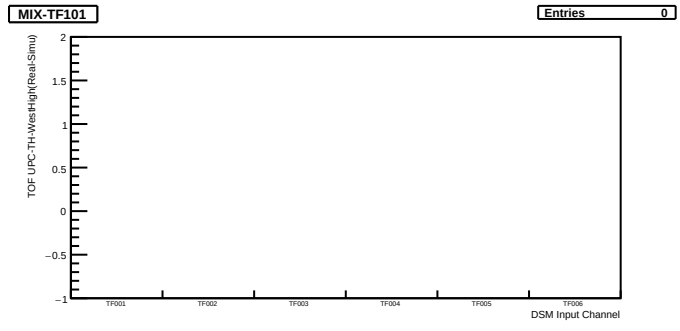

MIX-TF101
Entries 4189272
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

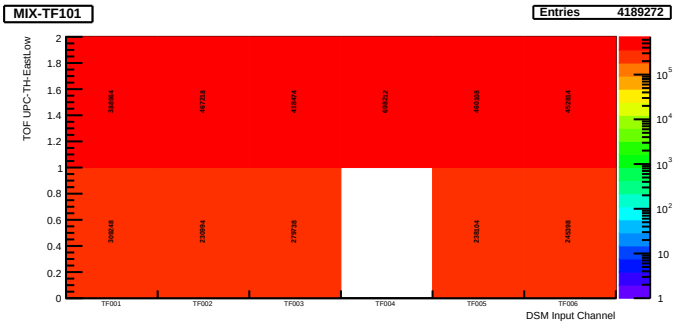

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

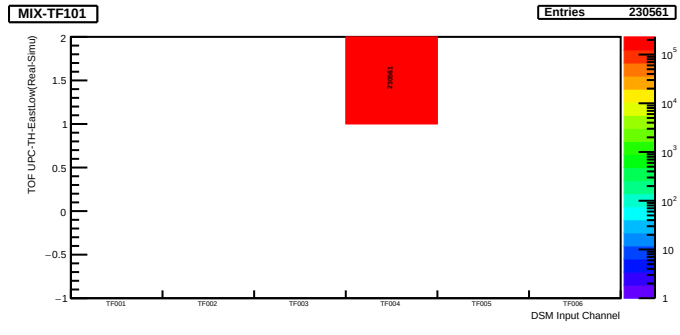

MIX-TF101
Entries 4189272
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

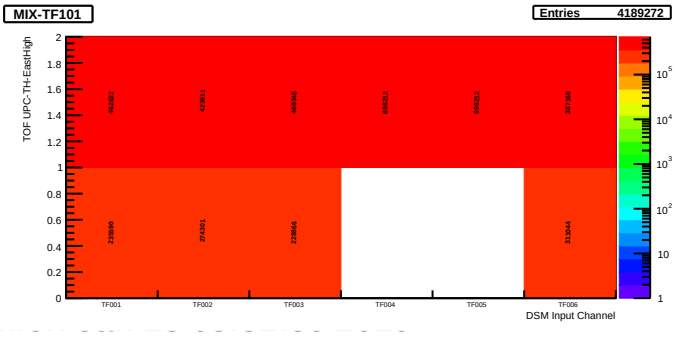

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

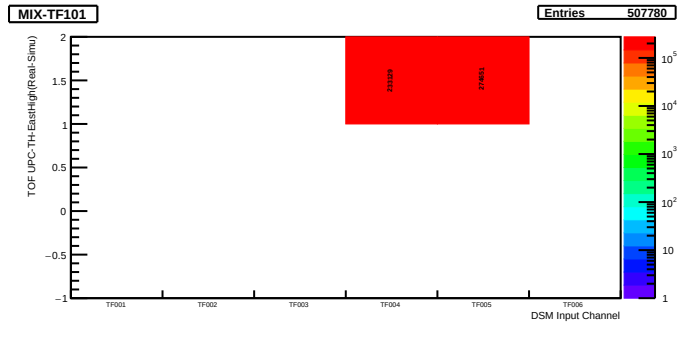

MIX-TF101
Entries 4189272
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

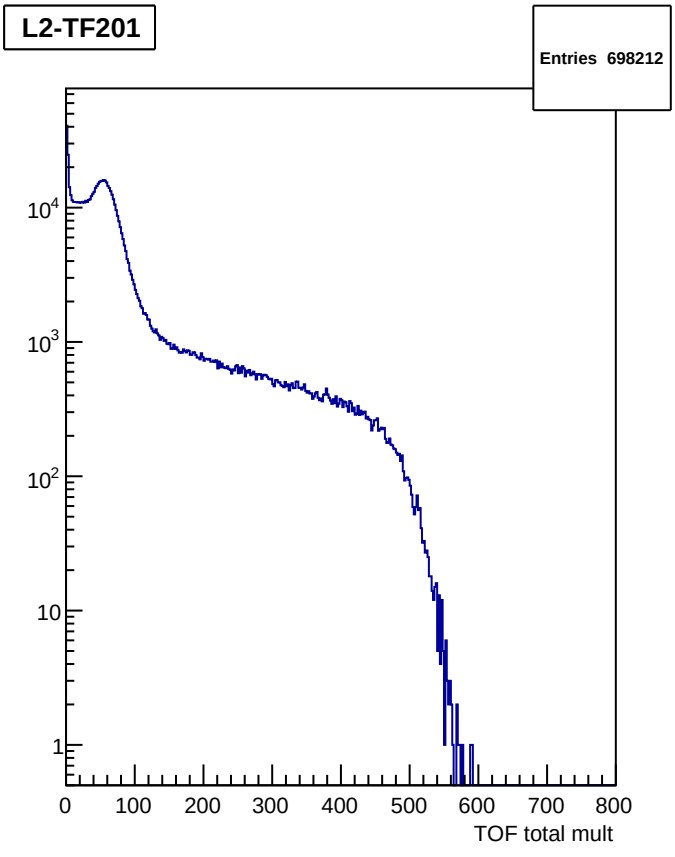

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

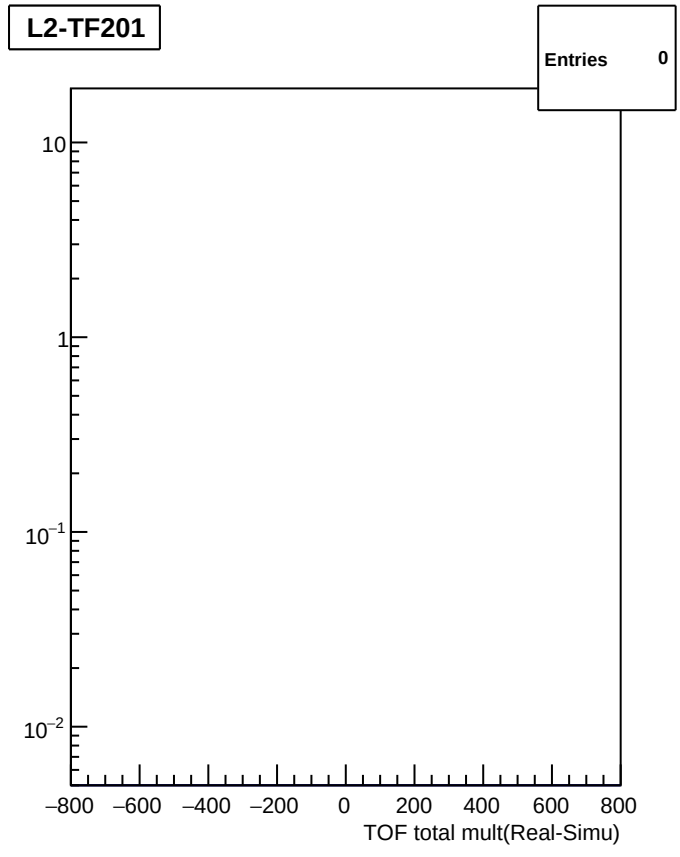

MIX-TF101
Entries 4189272
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

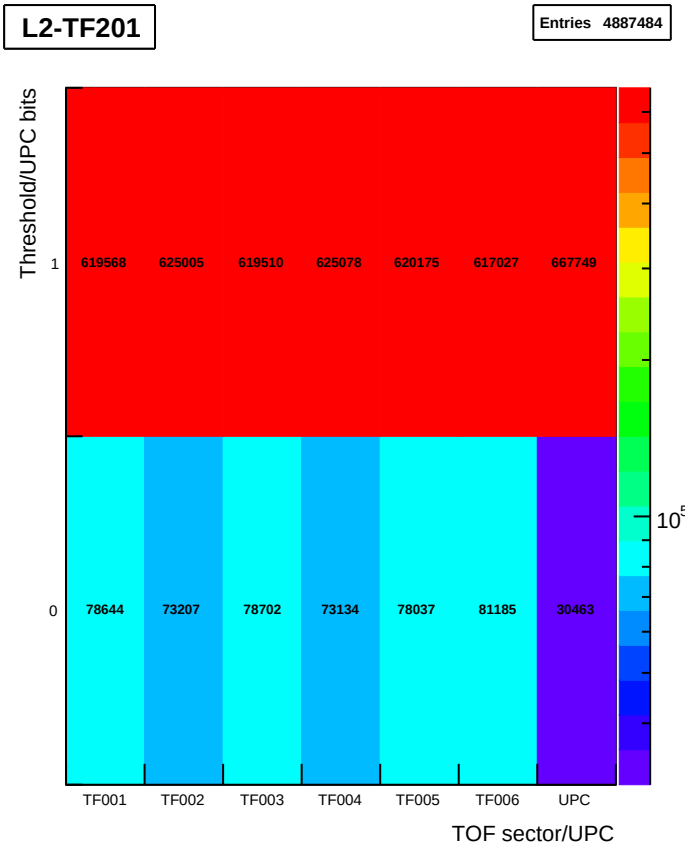

MIX-TF101
Entries 230561
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

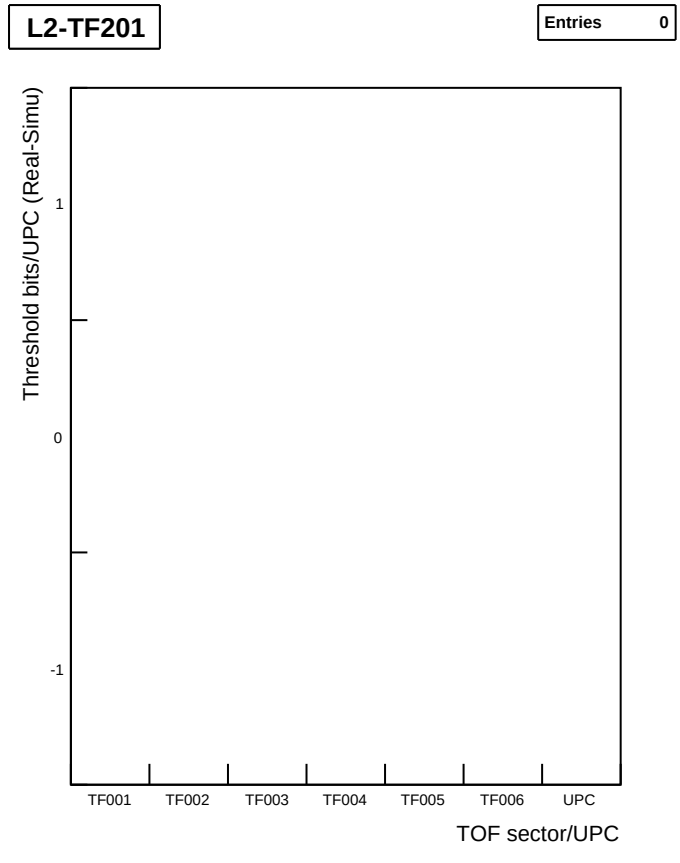

MIX-TF101
Entries 4189272
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

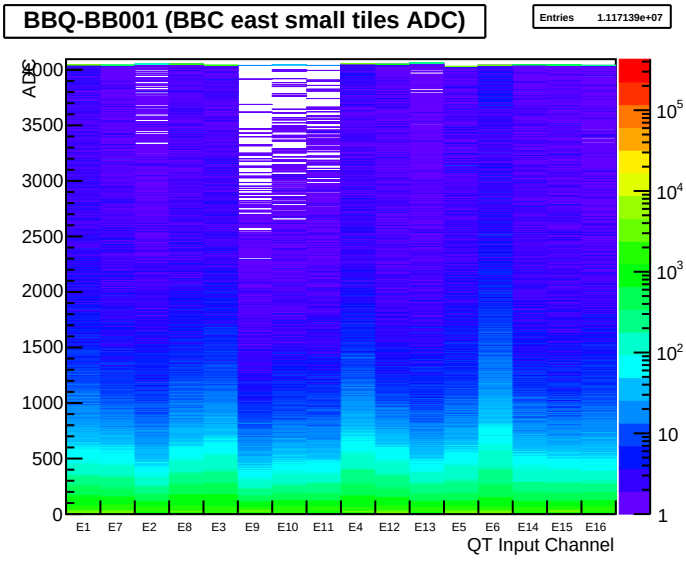

MIX-TF101
Entries 507780
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

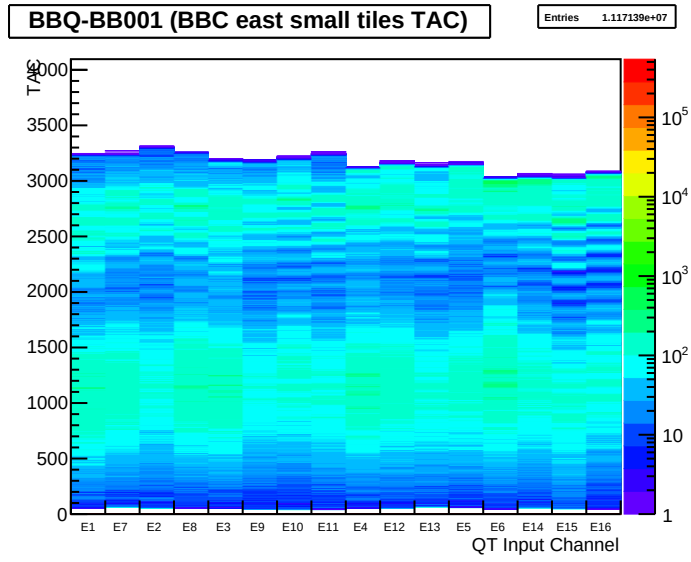

L2-TF201
Entries 698212
TOF total mult

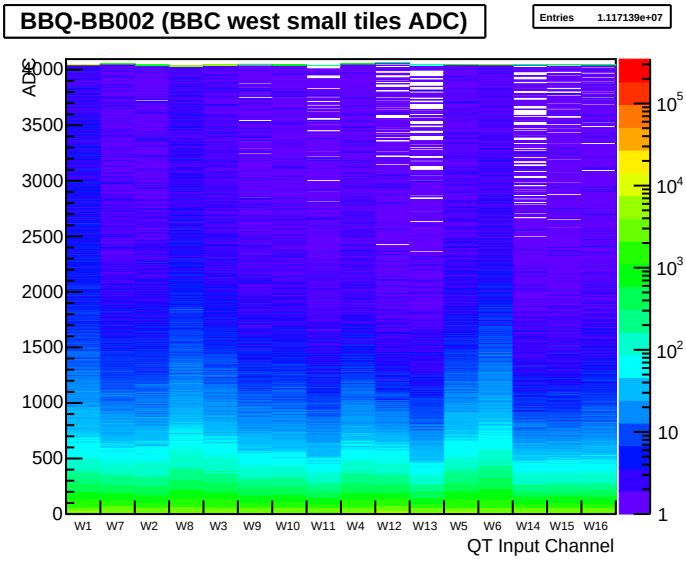

L2-TF201
Entries 0
TOF total mult(Real-Simu)

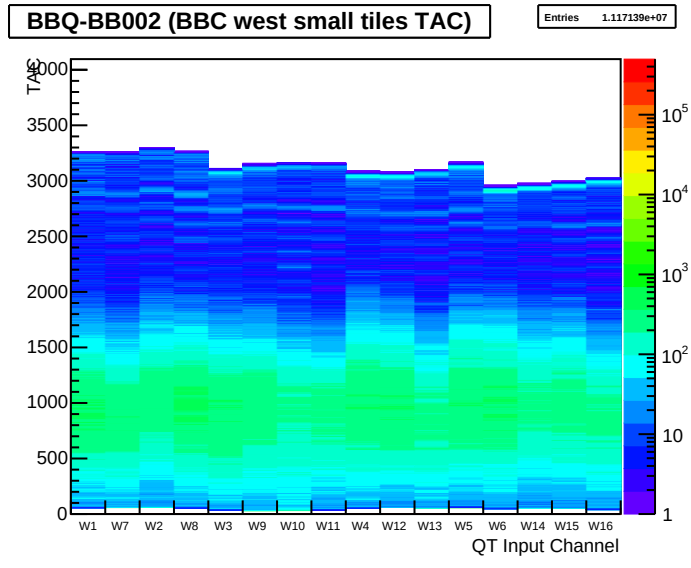

L2-TF201
Entries 4887484
Threshold/UPC bits
619568
625005
619510
625078
620175
617027
667749
78644
73207
78702
73134
78037
81185
30463
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

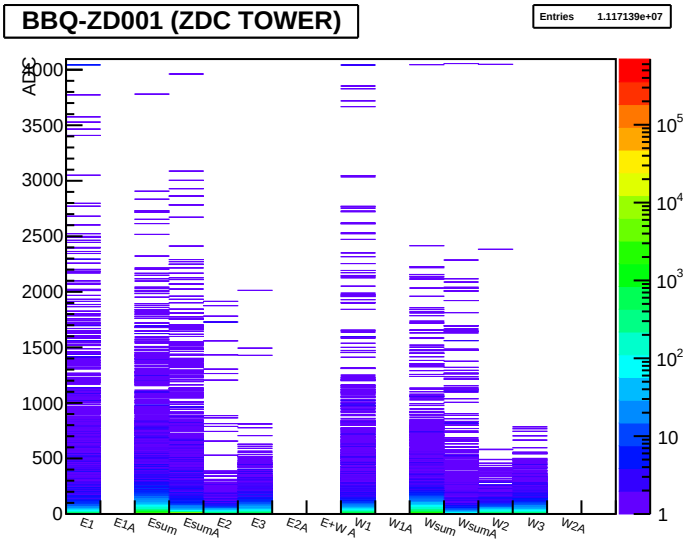

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

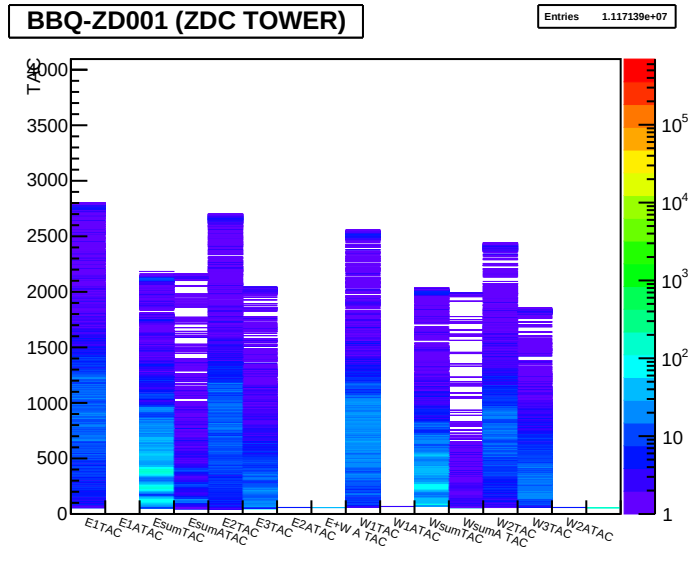

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.117139e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

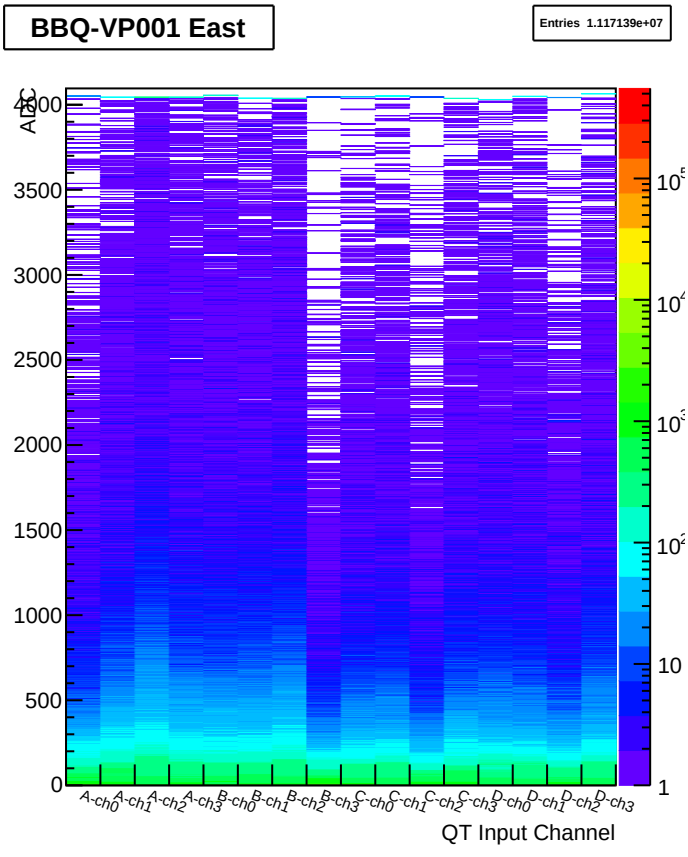

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.117139e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

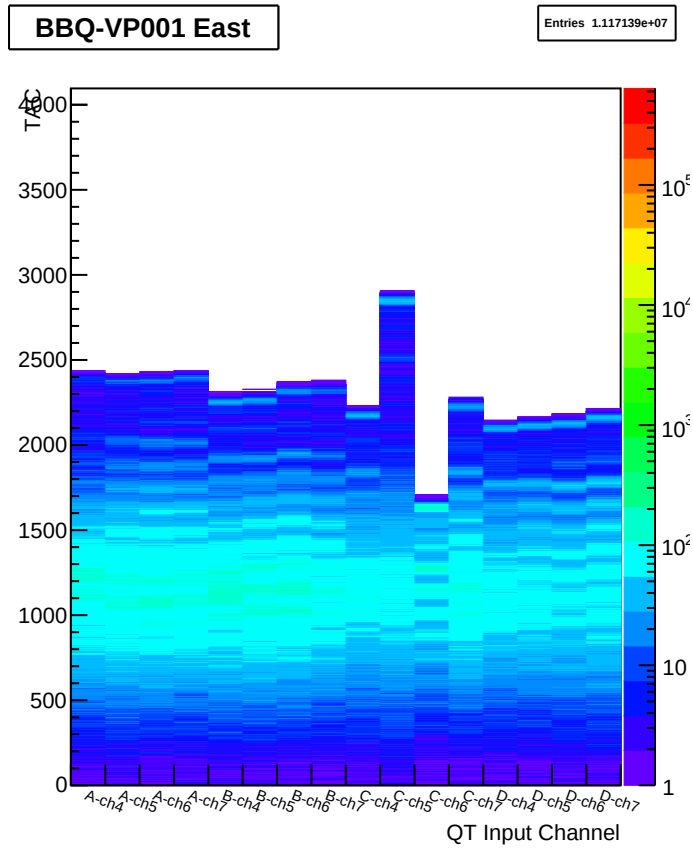

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.117139e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

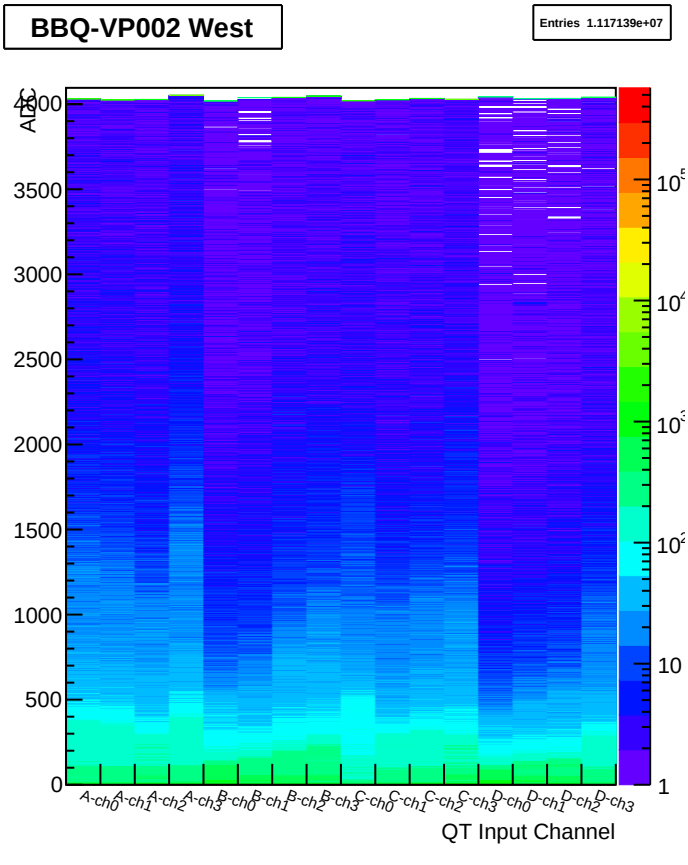

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.117139e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

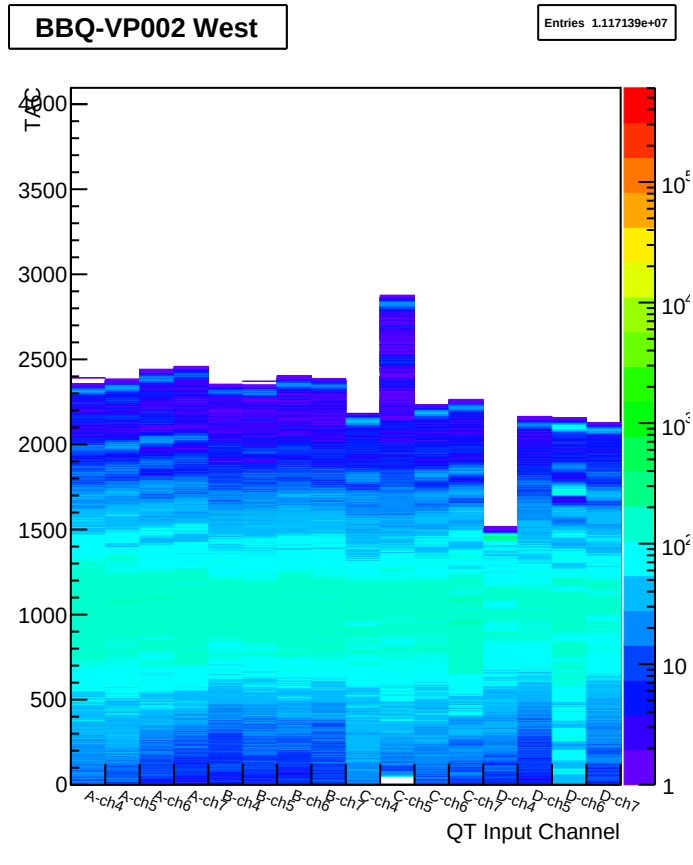

BBQ-ZD001 (ZDC TOWER)
Entries 1.117139e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

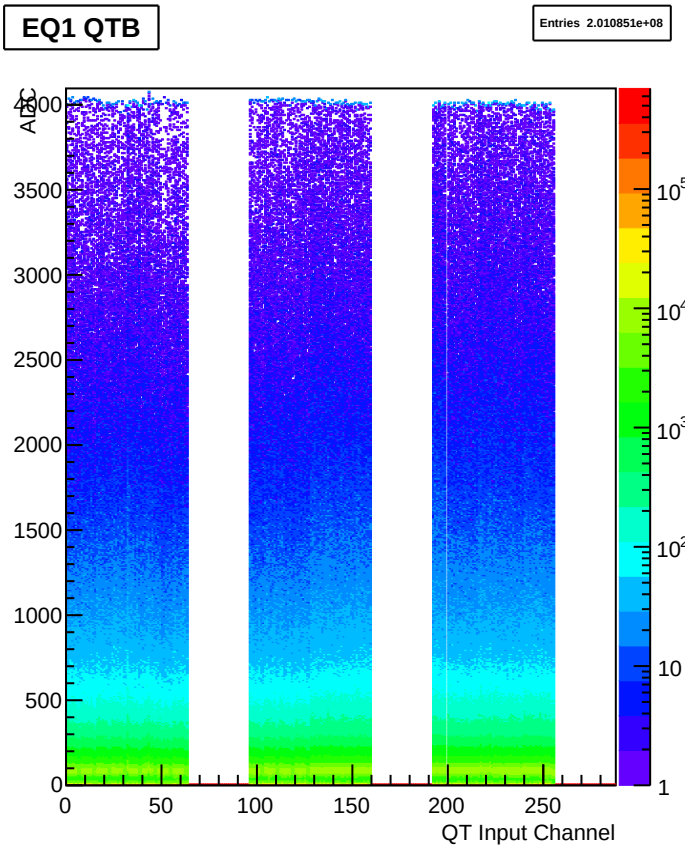

BBQ-ZD001 (ZDC TOWER)
Entries 1.117139e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

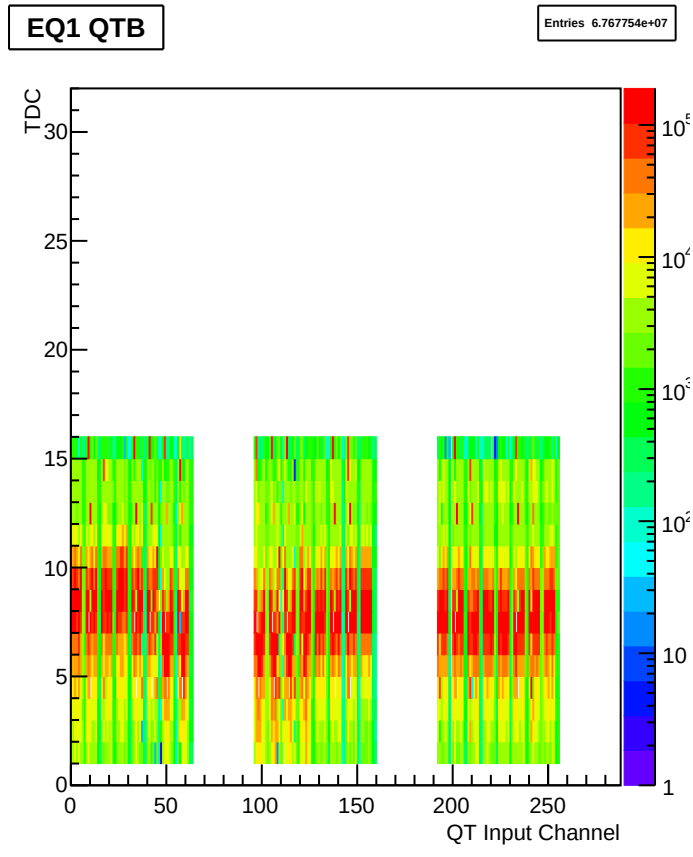

BBQ-VP001 East
Entries 1.117139e+07
ADC
QT Input Channel

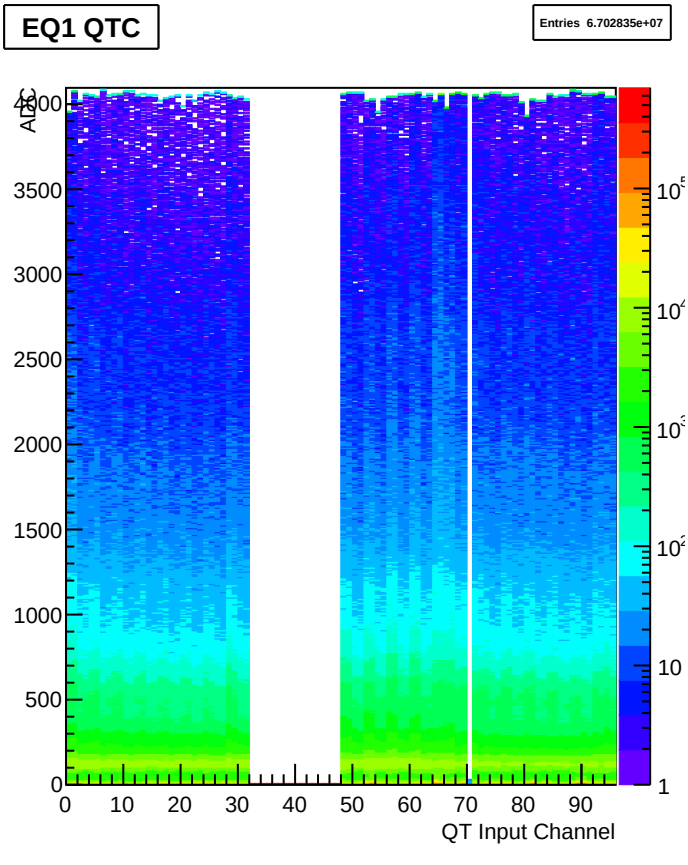

BBQ-VP001 East
Entries 1.117139e+07
TADC
QT Input Channel

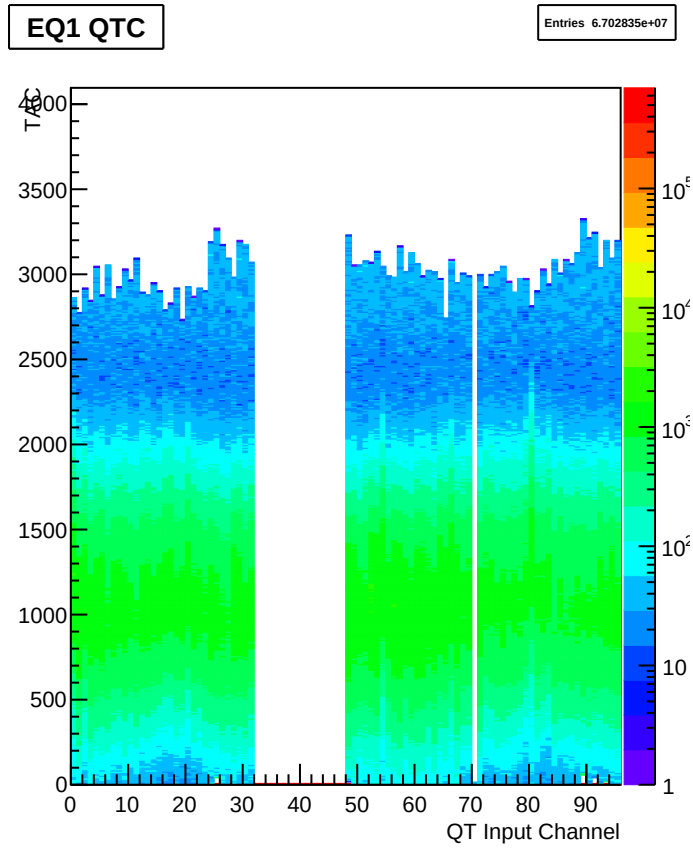

BBQ-VP002 West
Entries 1.117139e+07
ADC
QT Input Channel

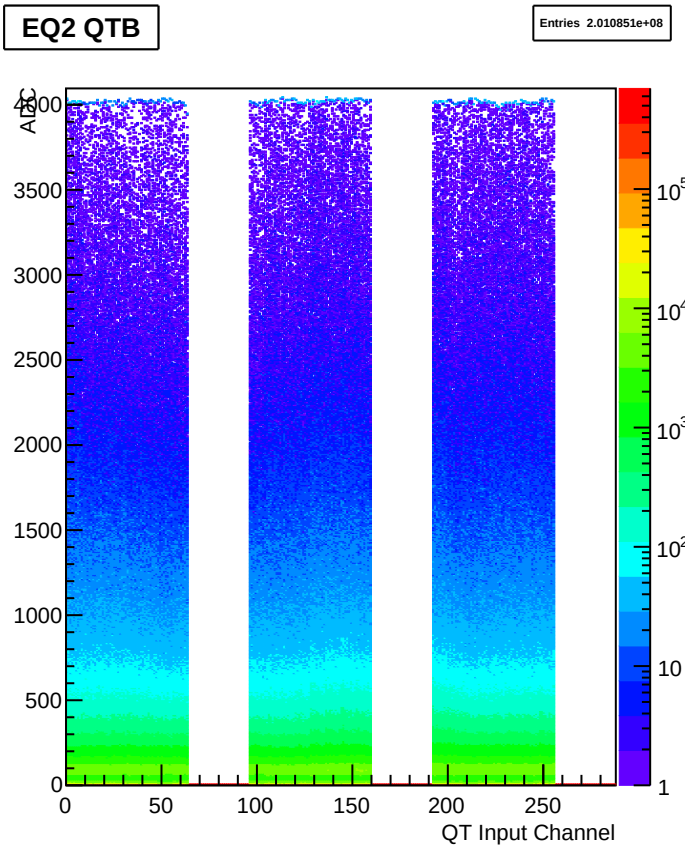

BBQ-VP002 West
Entries 1.117139e+07
TADC
QT Input Channel

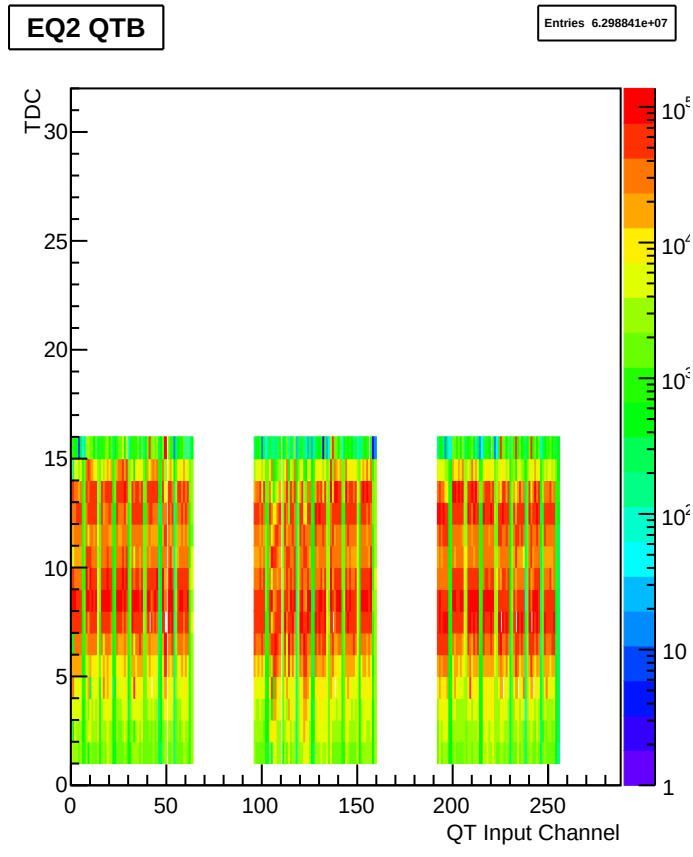

EQ1 QTB
Entries 2.010851e+08
ADC
QT Input Channel

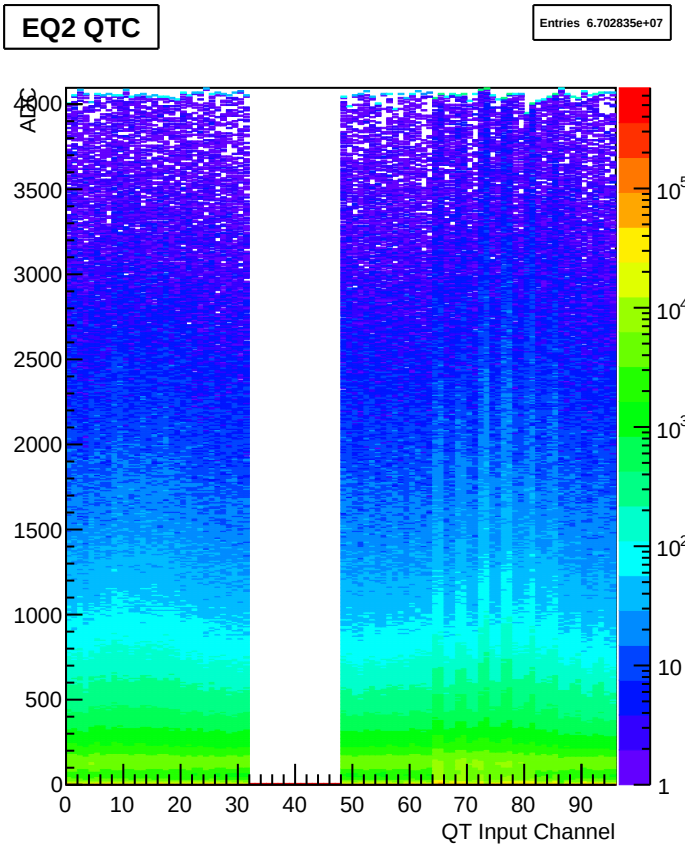

EQ1 QTB
Entries 6.767754e+07
TDC
QT Input Channel

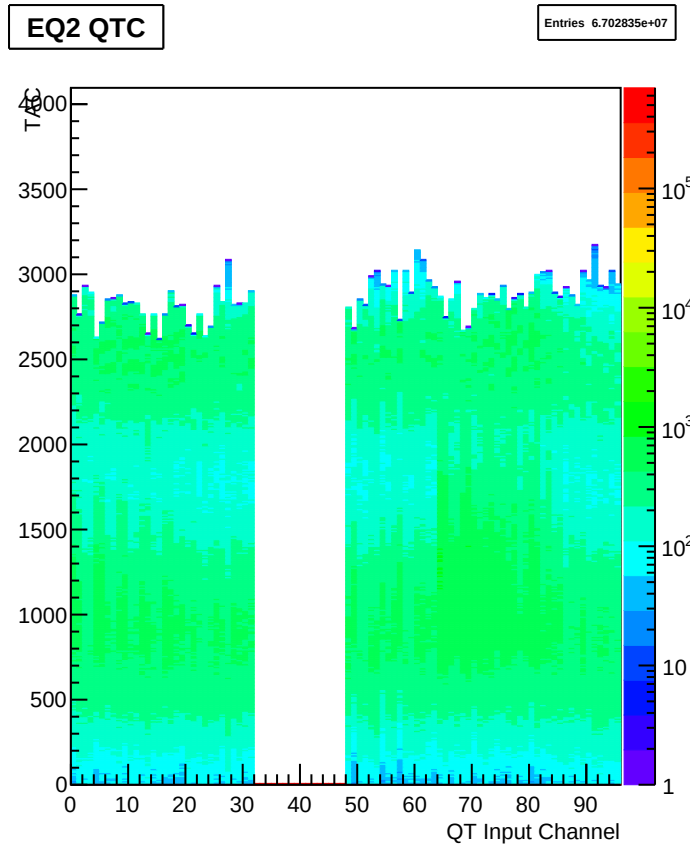

EQ1 QTC
Entries 6.702835e+07
ADC
QT Input Channel

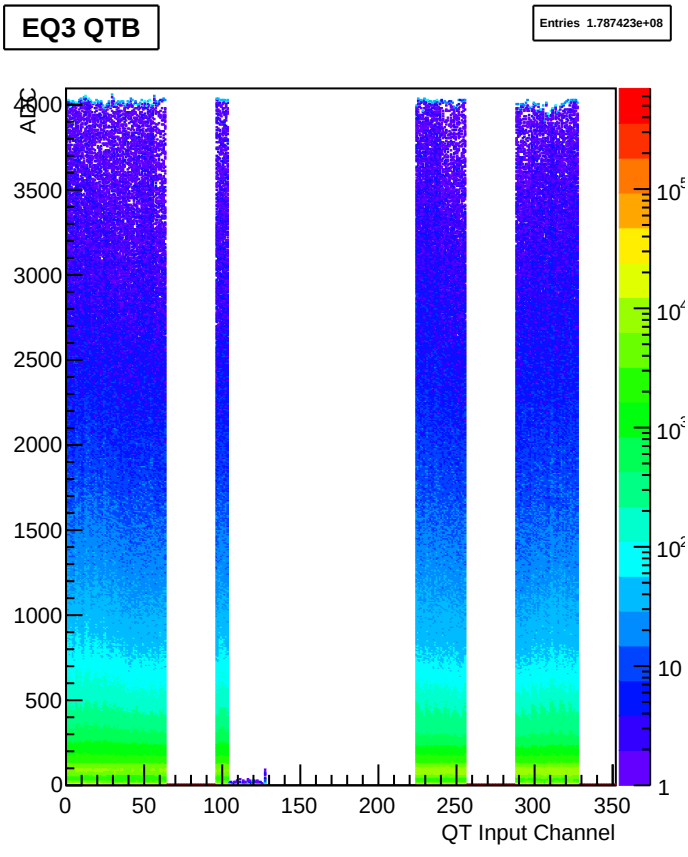

EQ1 QTC
Entries 6.702835e+07
TADC
QT Input Channel

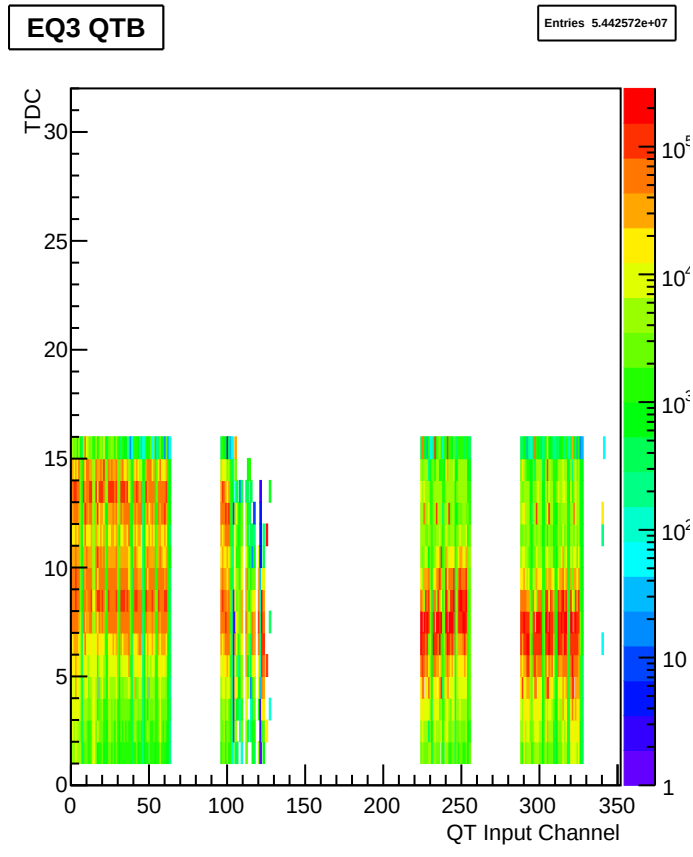

EQ2 QTB
Entries 2.010851e+08
ADC
QT Input Channel

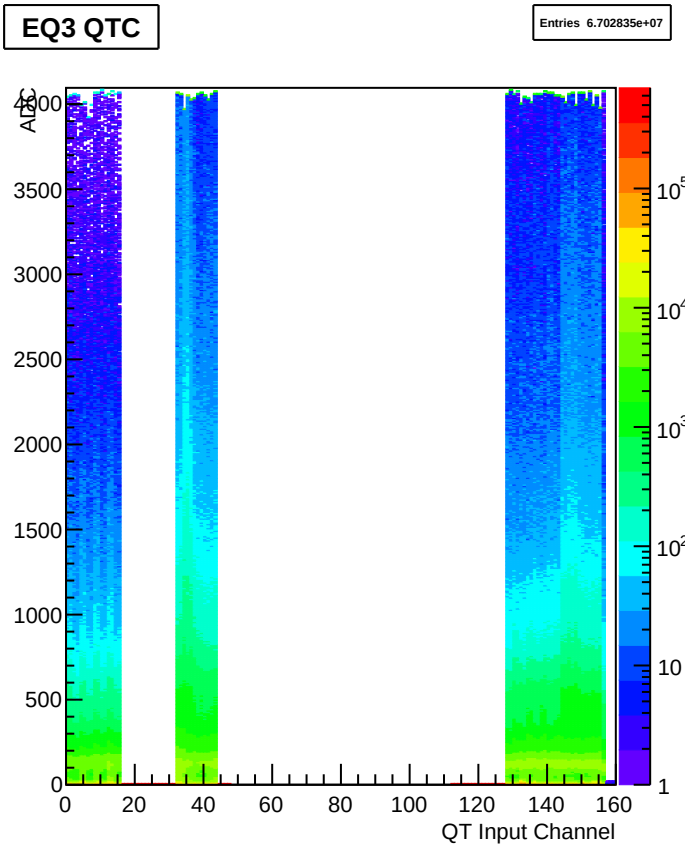

EQ2 QTB
Entries 6.298841e+07
TDC
QT Input Channel

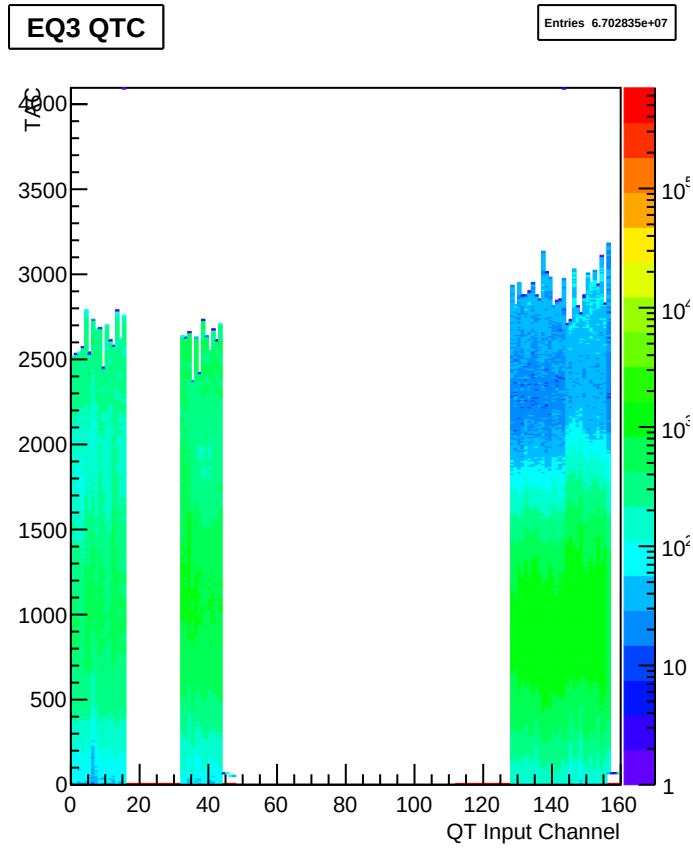

EQ2 QTC
Entries 6.702835e+07
ADC
QT Input Channel

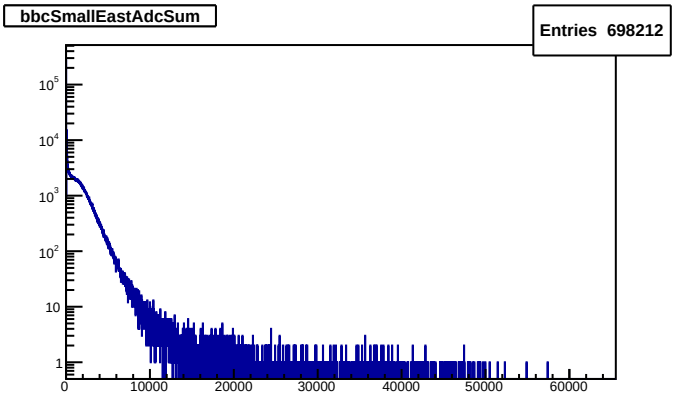

EQ2 QTC
Entries 6.702835e+07
TADC
QT Input Channel

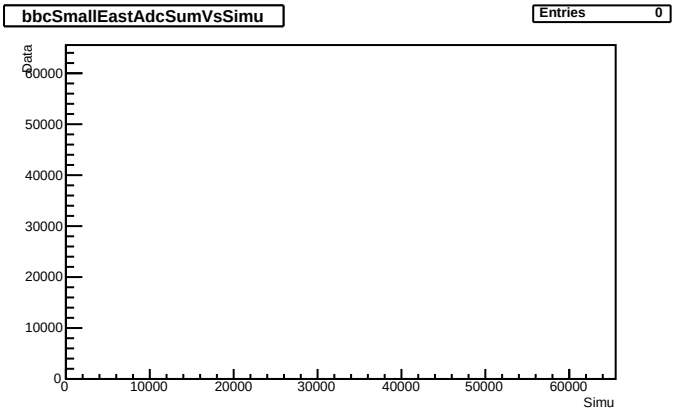

EQ3 QTB
Entries 1.787423e+08
ADC
QT Input Channel

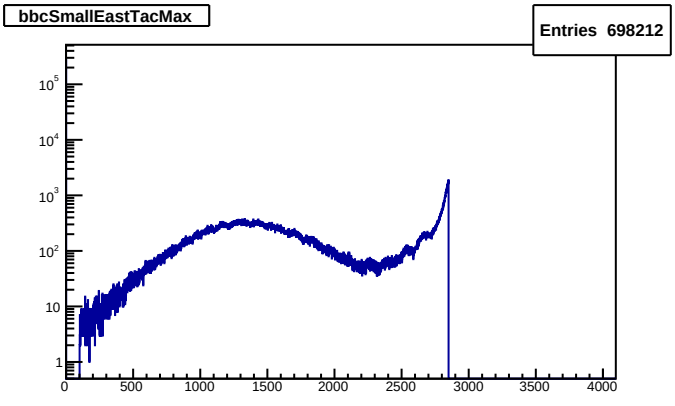

EQ3 QTB
Entries 5.442572e+07
TDC
QT Input Channel

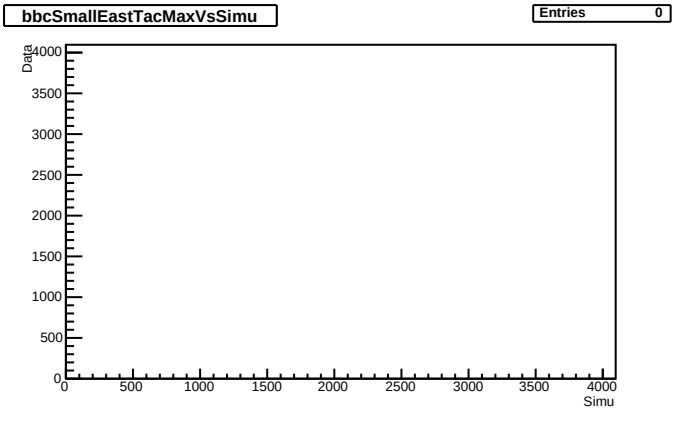

EQ3 QTC
Entries 6.702835e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.702835e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 698212


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 698212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Entries 0
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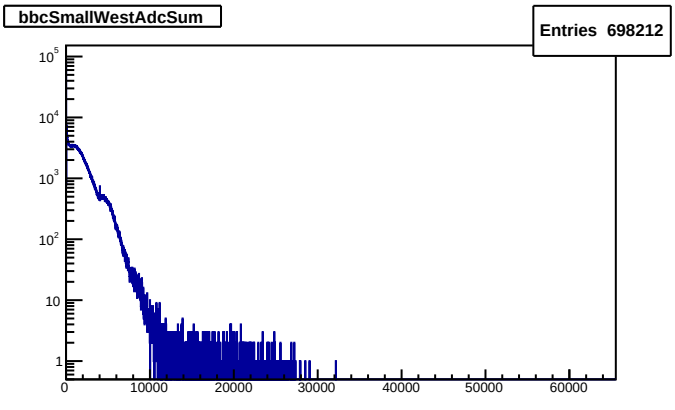
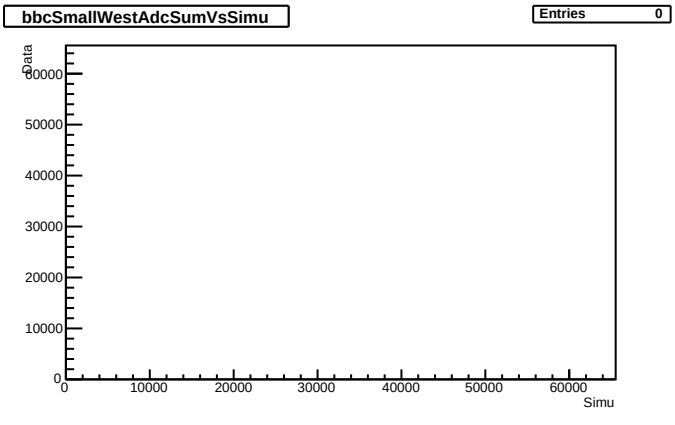

bbcSmallWestAdcSum
Entries 698212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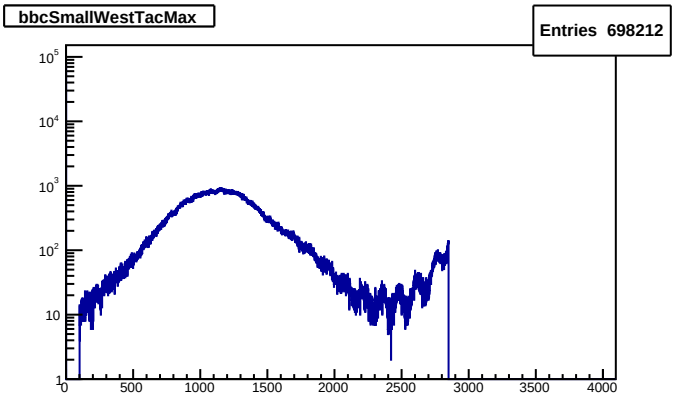
Entries 0
Data
Simu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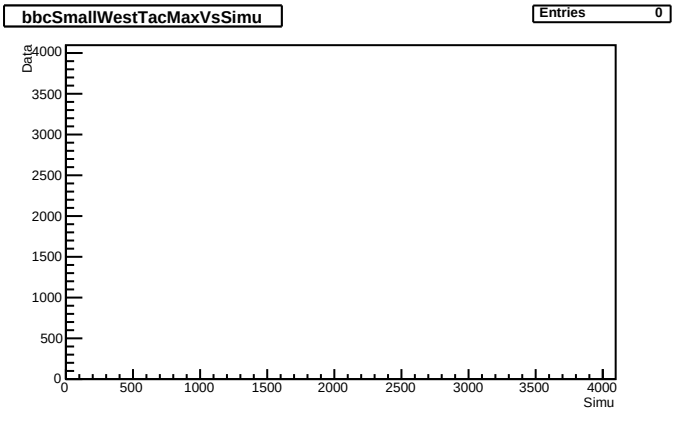
Entries 698212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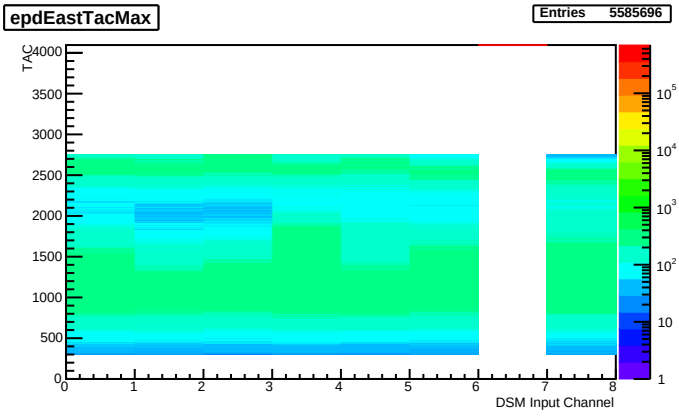
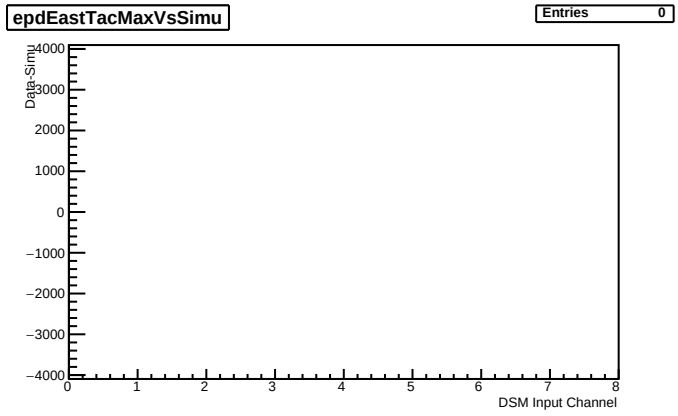
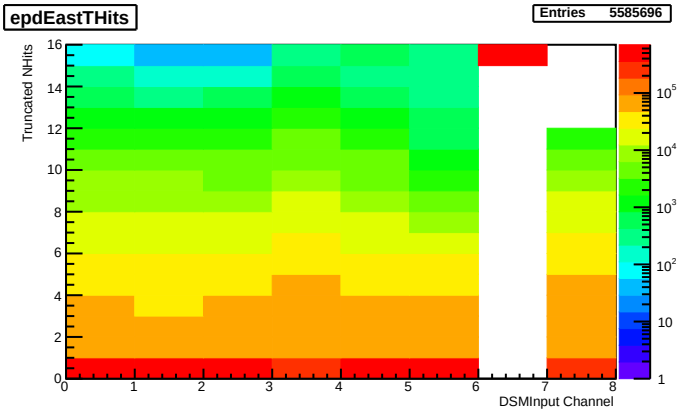
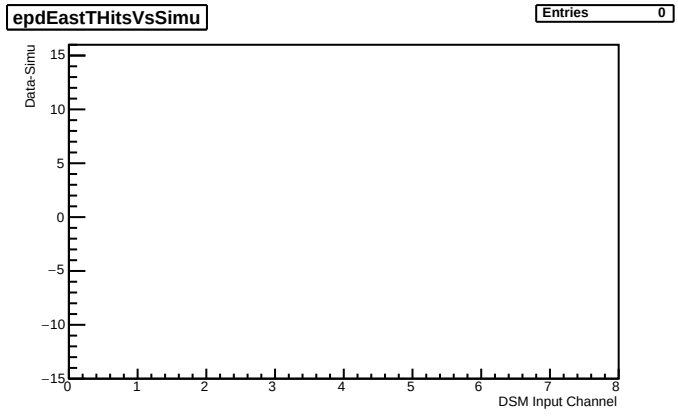
Entries 0
Data
Simu


epdEastTacMax
Entries 5585696
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5585696
Truncated NHits
DSMInput Channel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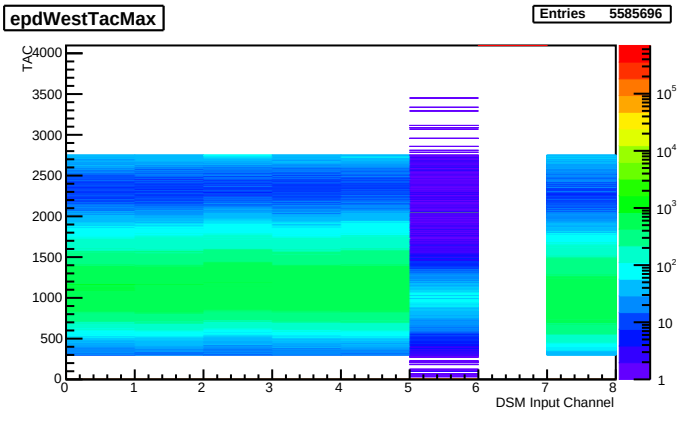
Data-Simu
DSM Input Channel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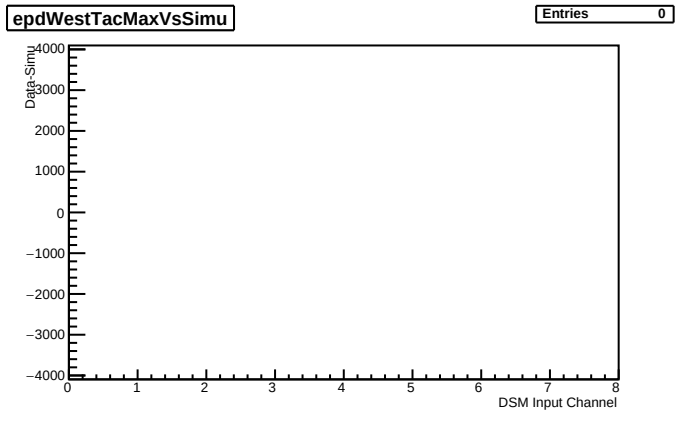
Entries 5585696
TAC
DSM Input Channel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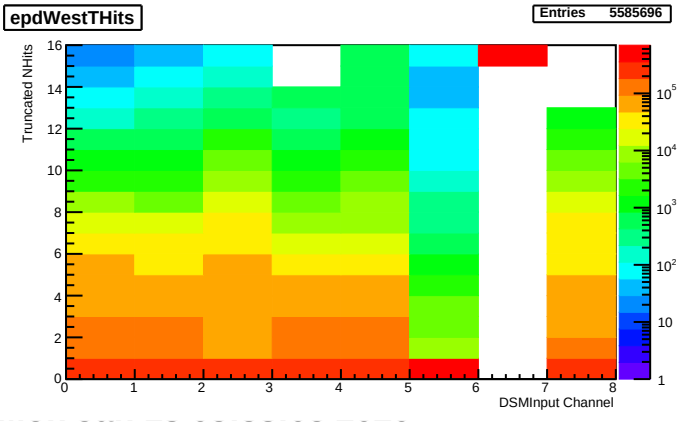
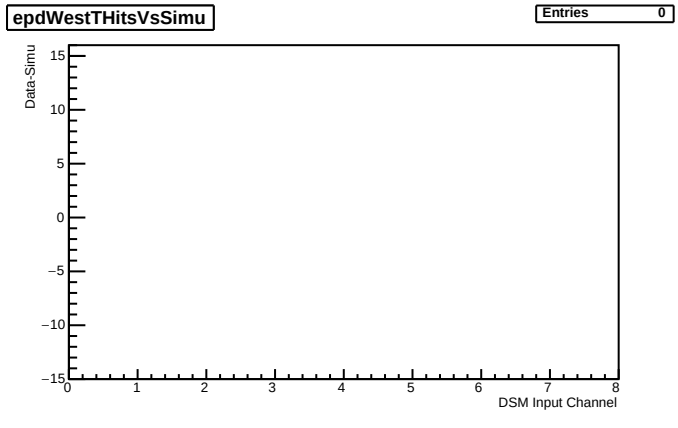
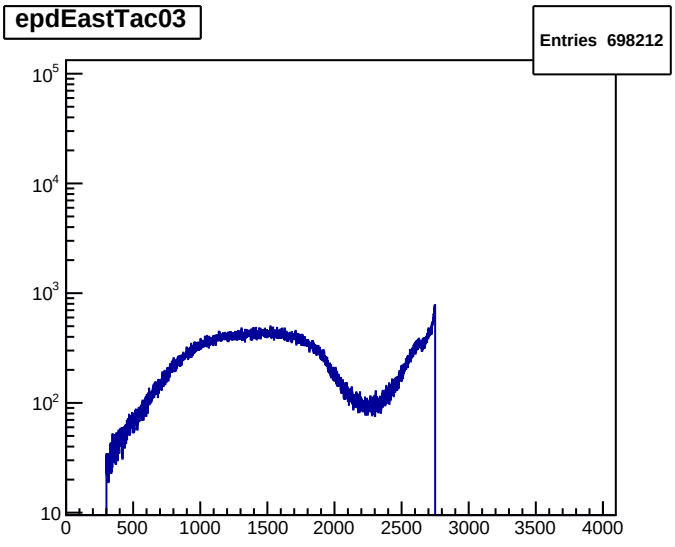
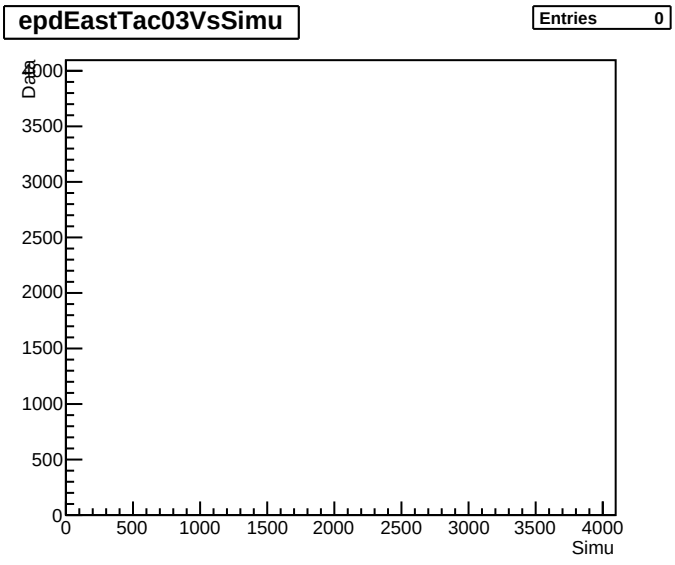
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5585696
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 698212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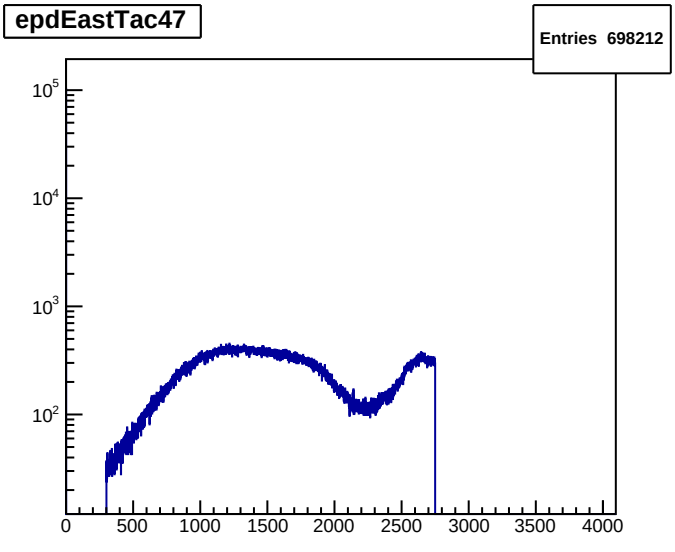
Entries 0
Data
Simu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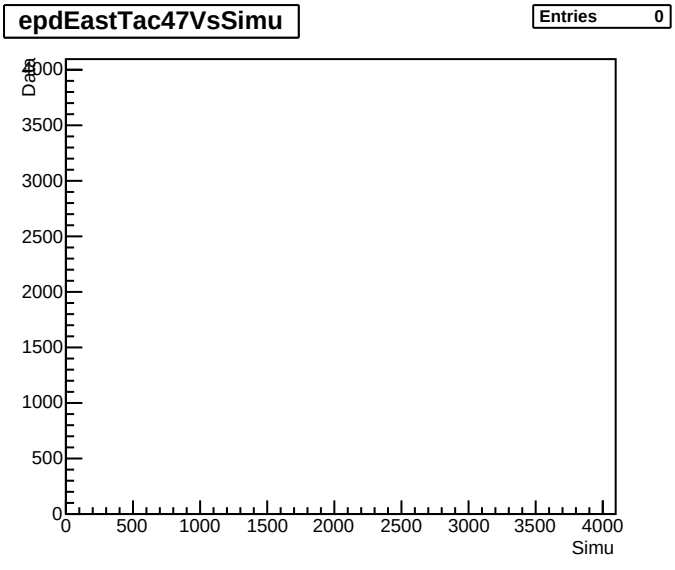
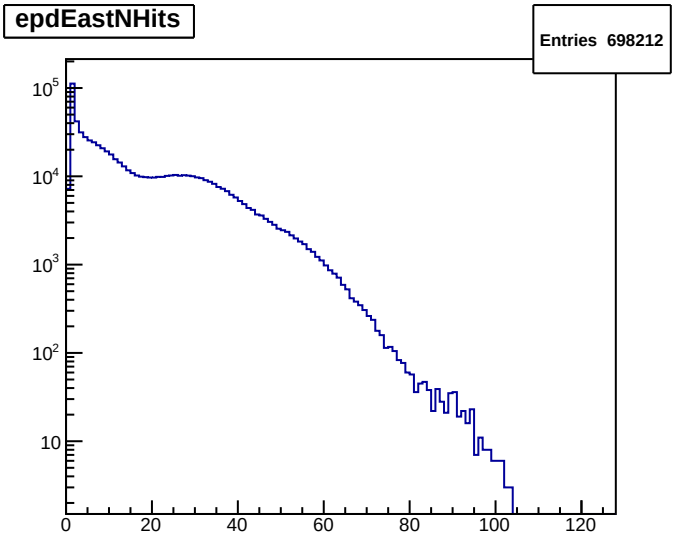
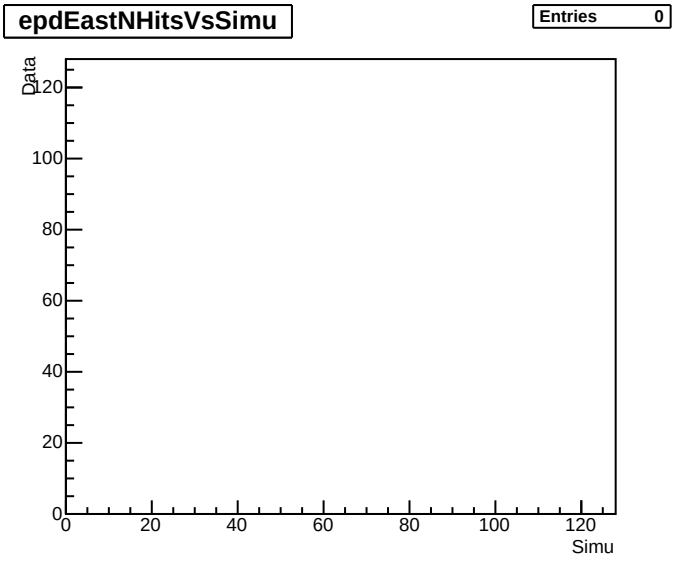
Entries 698212


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 698212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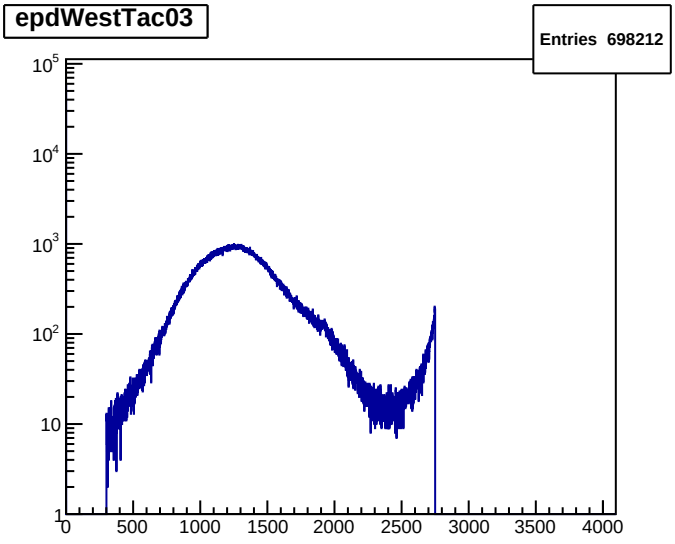
Entries 0
Data
Simu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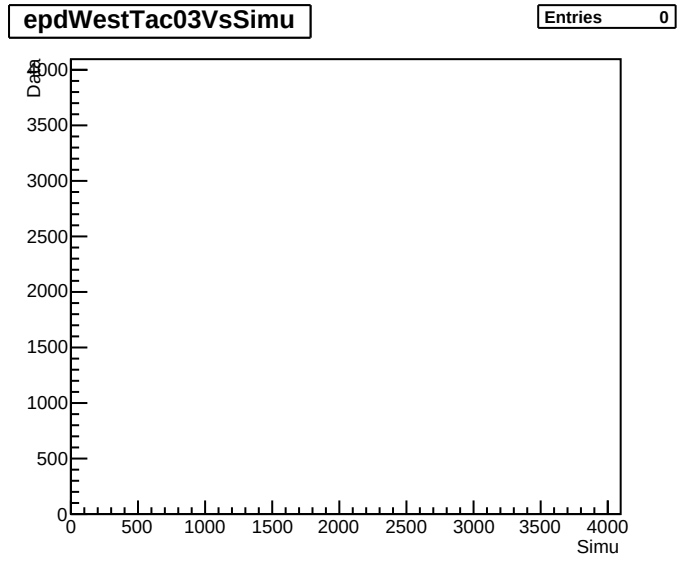
Entries 698212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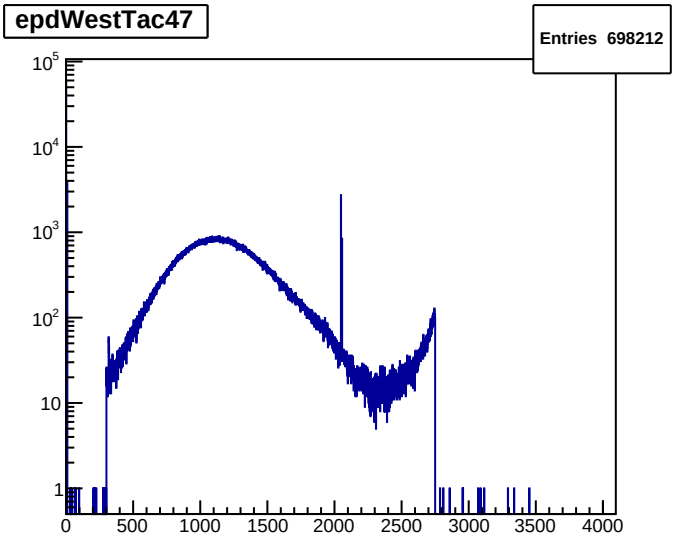
Entries 0
Data
Simu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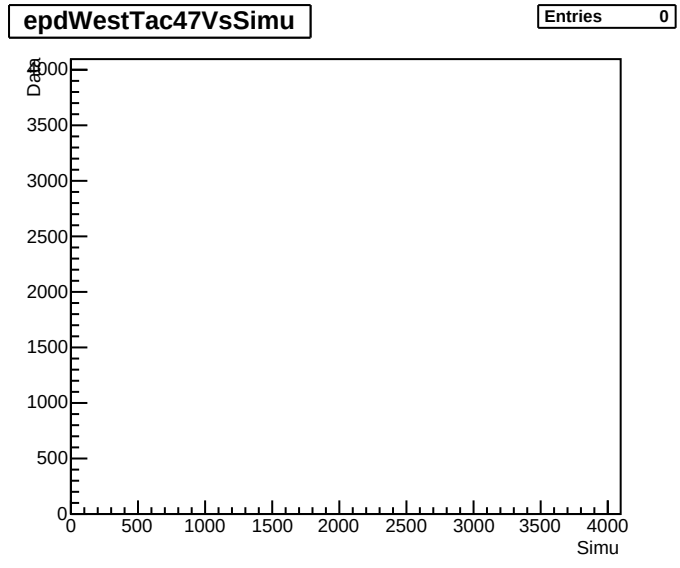
Entries 698212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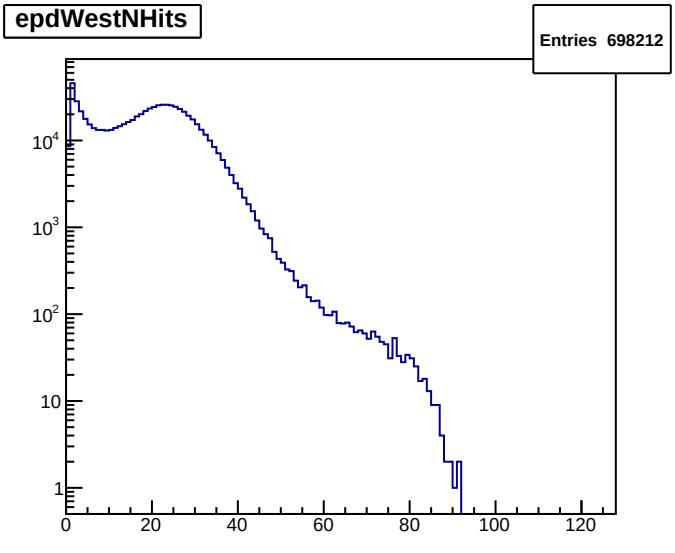
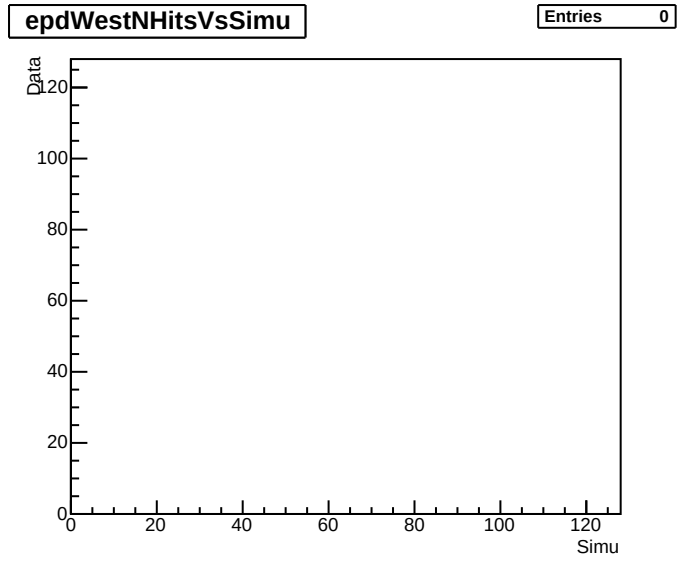
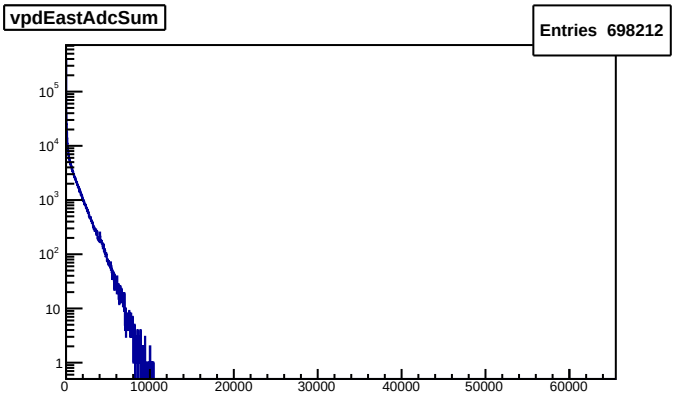
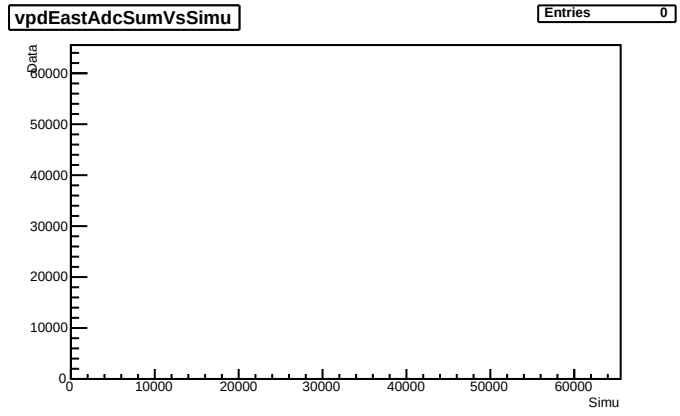
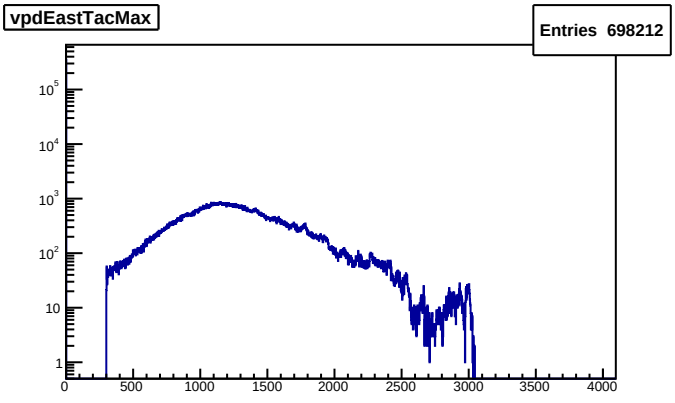
Entries 0
Data
Simu

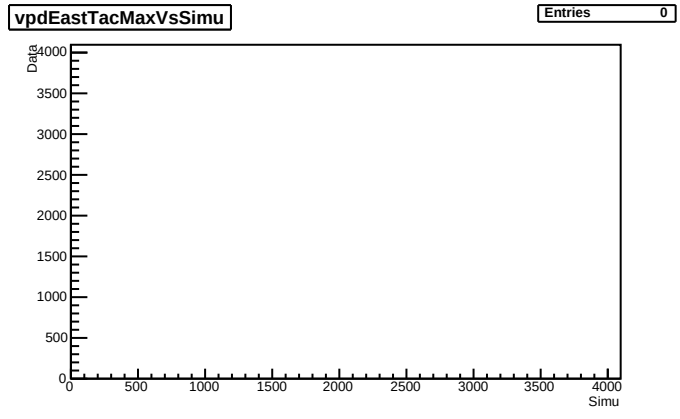

epdWestNHits
Entries 698212


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 698212


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 698212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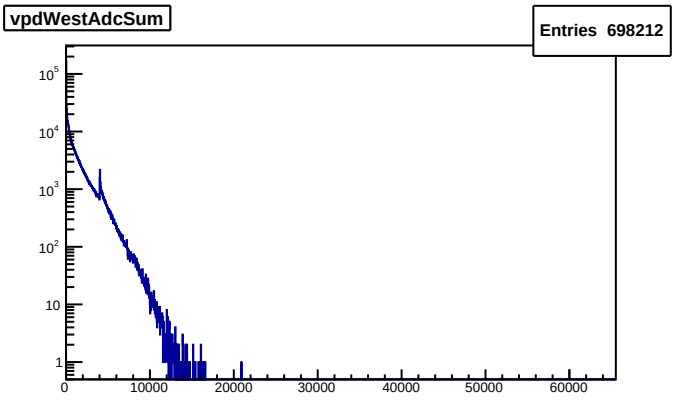
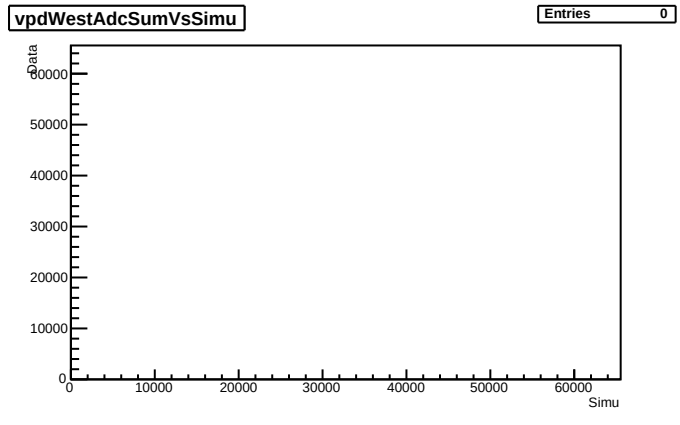
Entries 0
Data
Simu


vpdWestAdcSum
Entries 698212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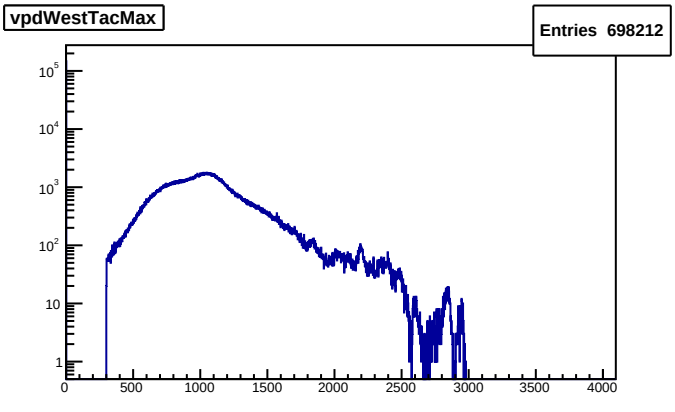
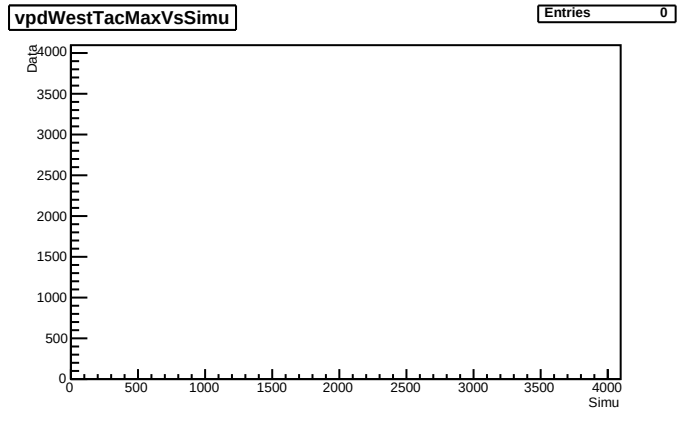
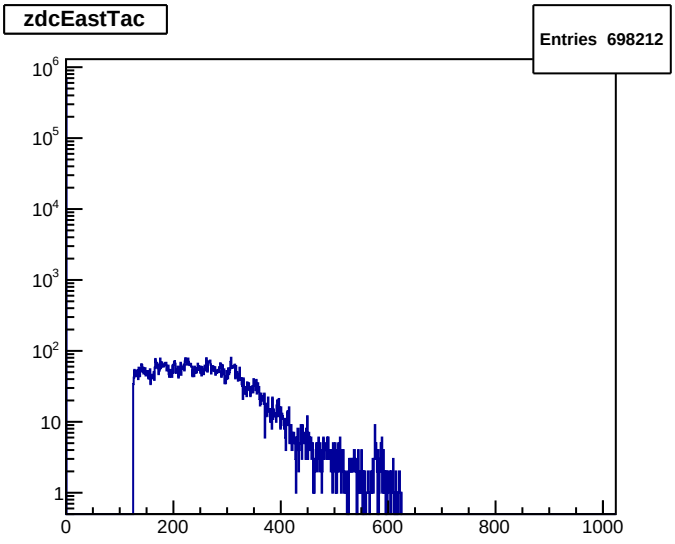
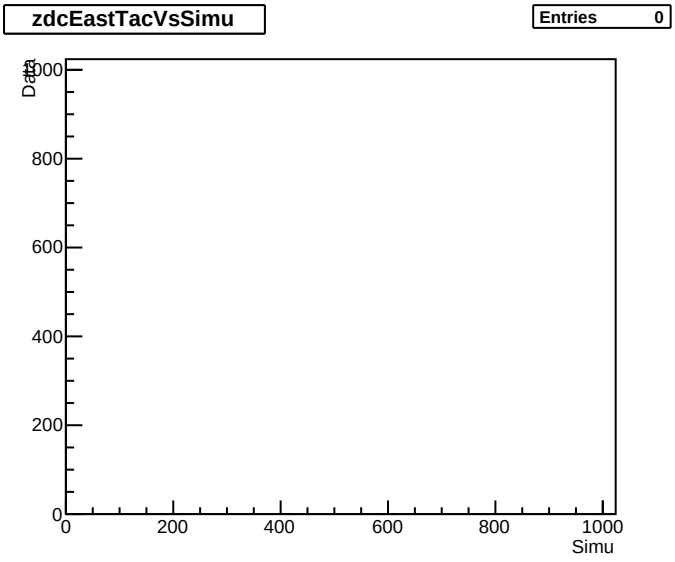
Entries 0
Data
Simu


vpdWestTacMax
Entries 698212


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 698212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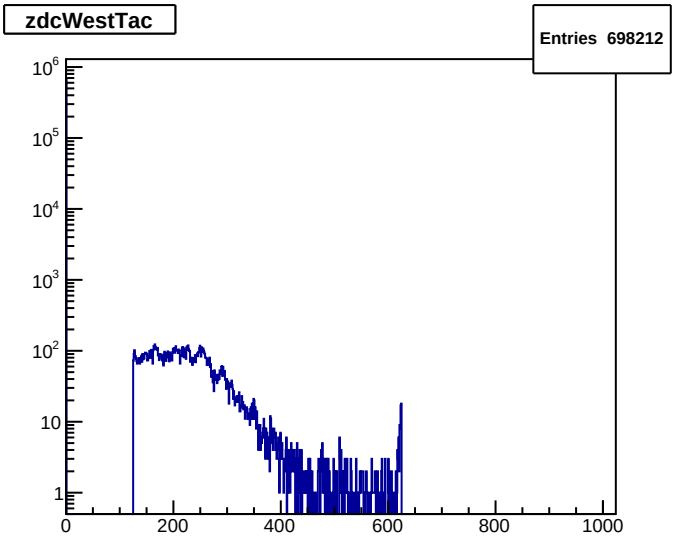
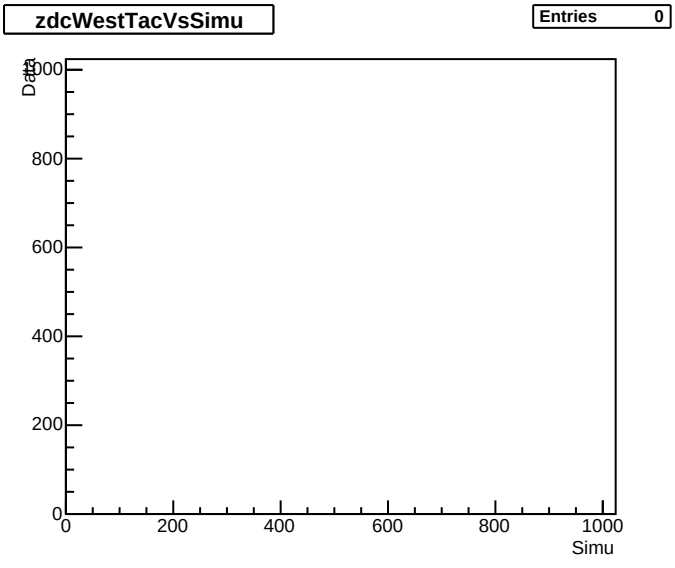
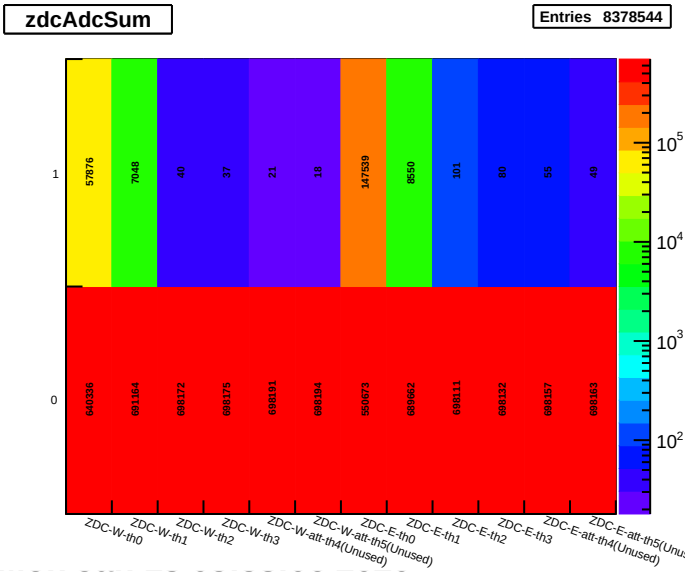
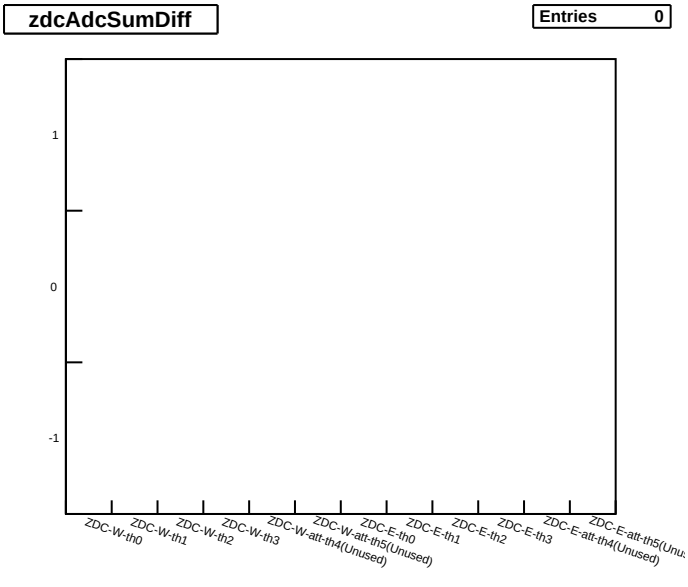
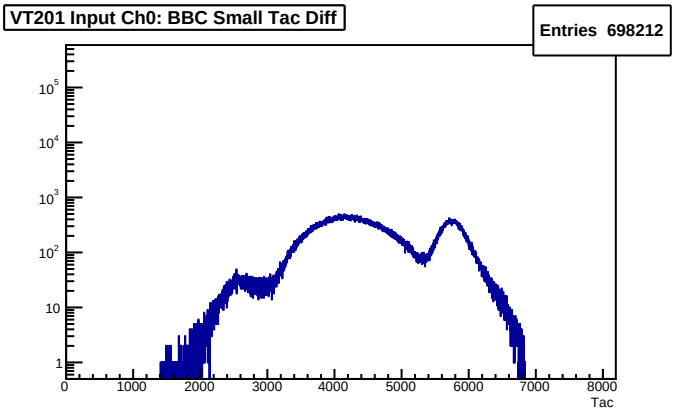
Entries 0
Data
Simu

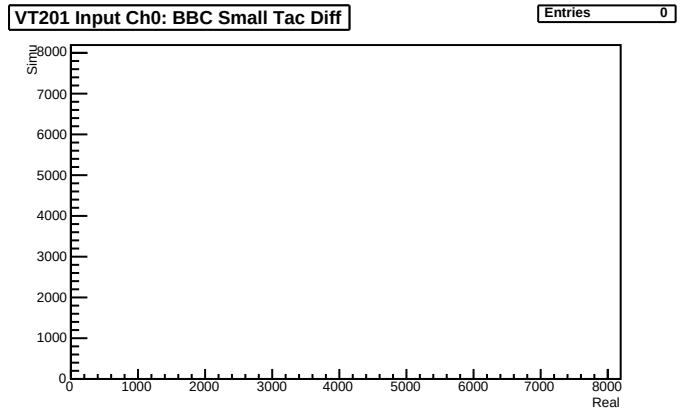

zdcWestTac
Entries 698212

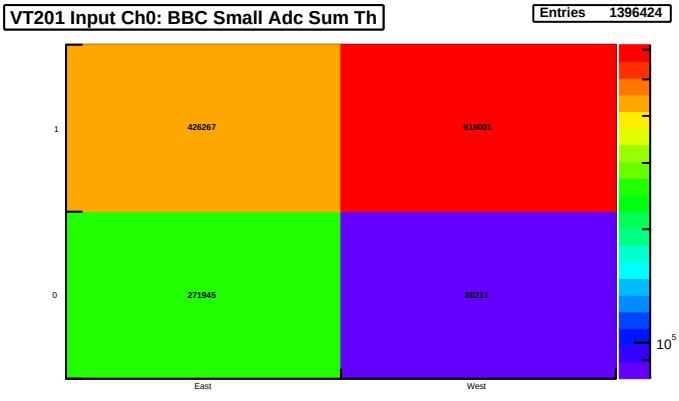

zdcWestTacVsSimu
Entries 0
Data
Simu

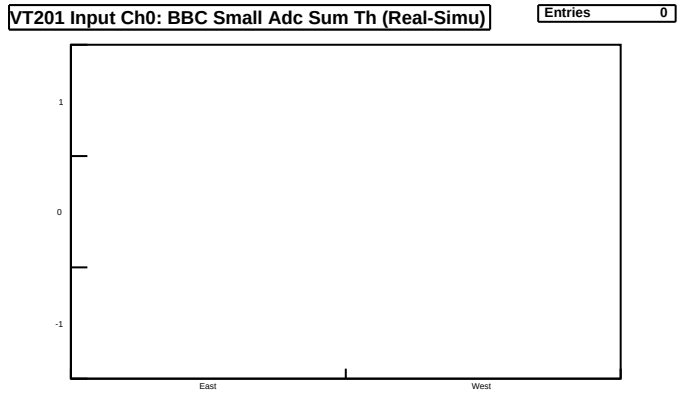

zdcAdcSum
Entries 8378544
57876
7048
40
37
21
18
147539
8550
101
80
55
49
640336
691164
698172
698175
698191
698194
550673
689662
698111
698132
698157
698163
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

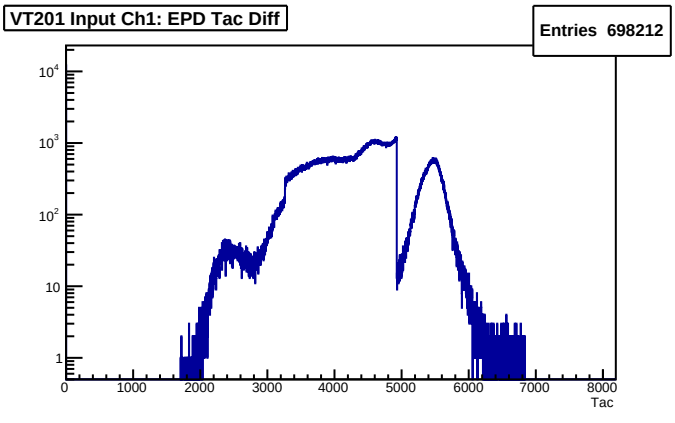

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

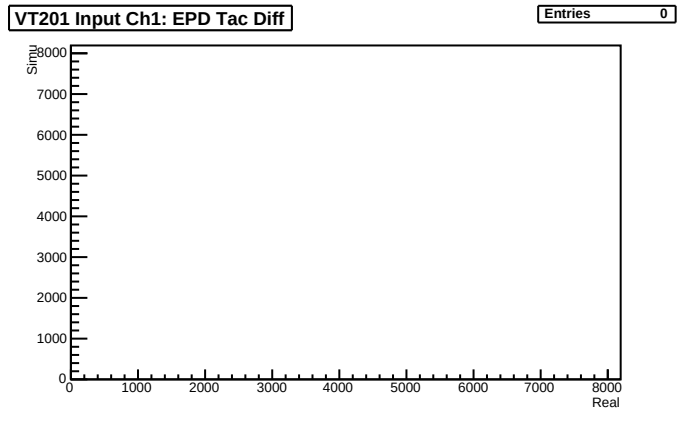

VT201 Input Ch0: BBC Small Tac Diff
Entries 698212
Tac

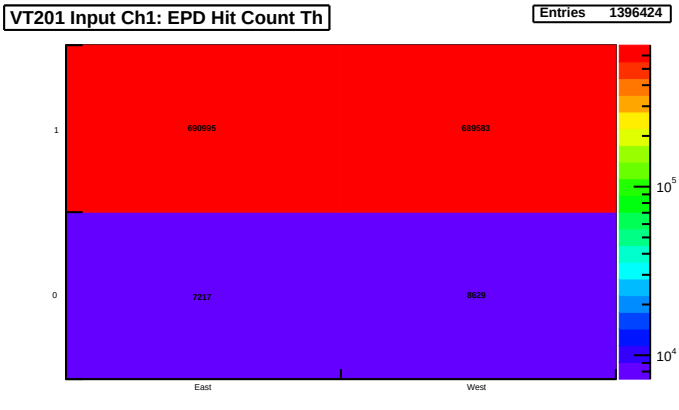

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

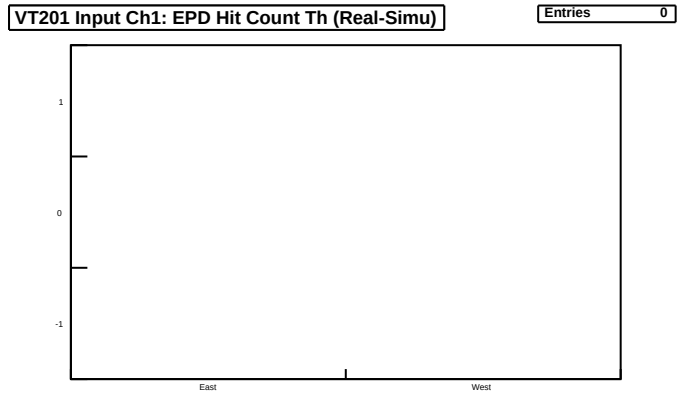

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1396424
426267
618001
271945
80211
East
West

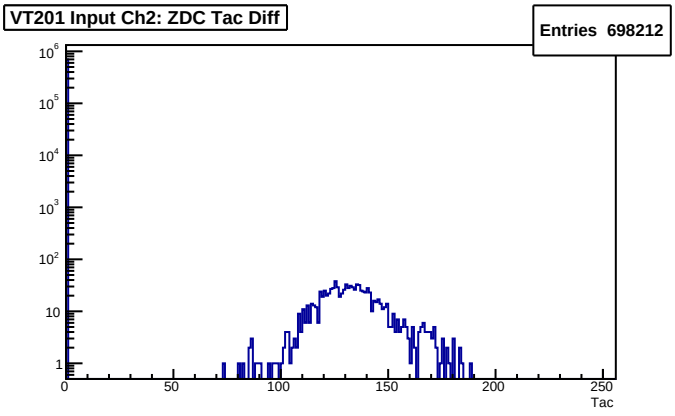

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

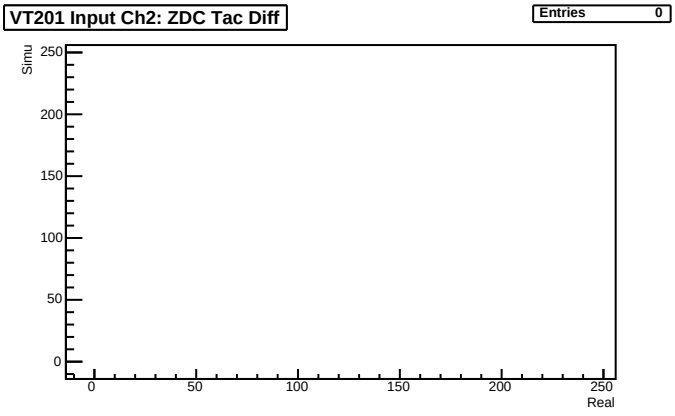

VT201 Input Ch1: EPD Tac Diff
Entries 698212
Tac

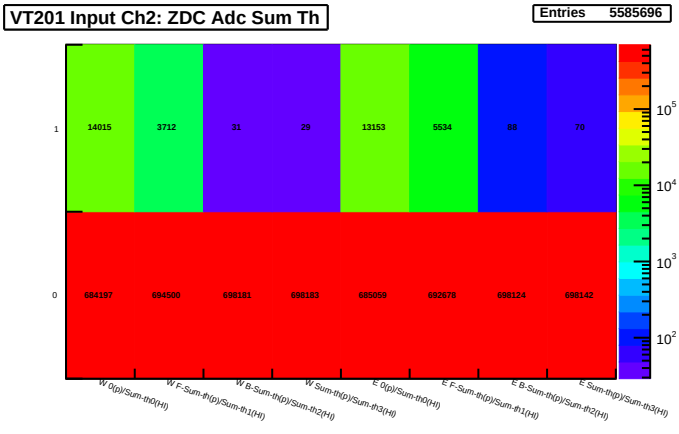

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

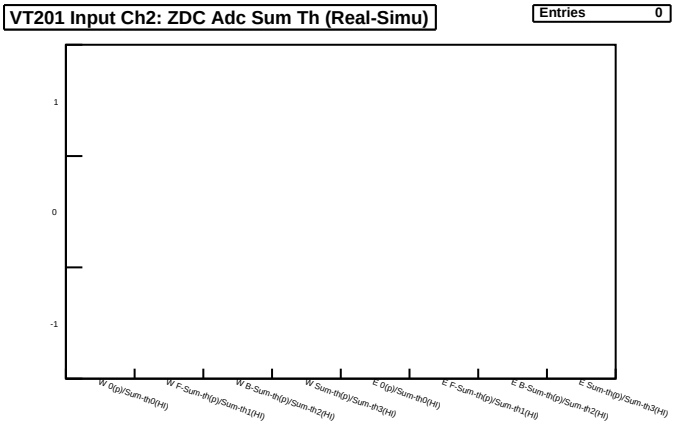

VT201 Input Ch1: EPD Hit Count Th
Entries 1396424
690995
689583
7217
8629
East
West

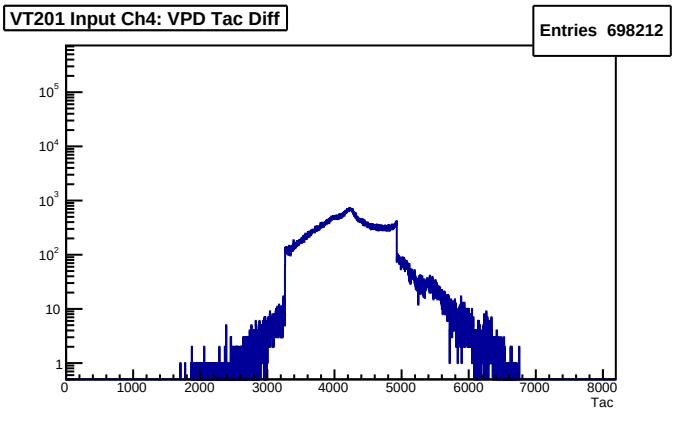

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

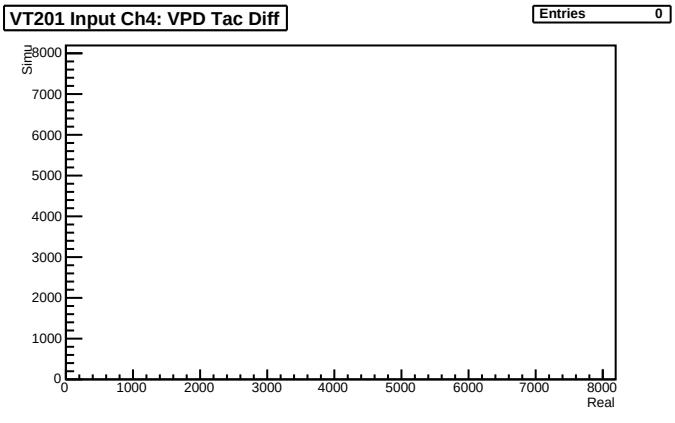

VT201 Input Ch2: ZDC Tac Diff
Entries 698212
Tac

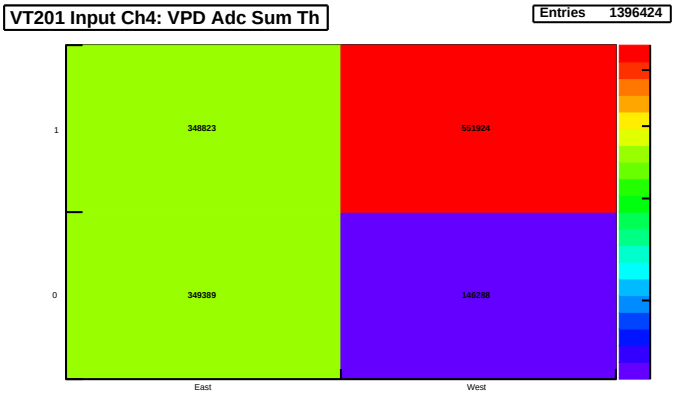

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

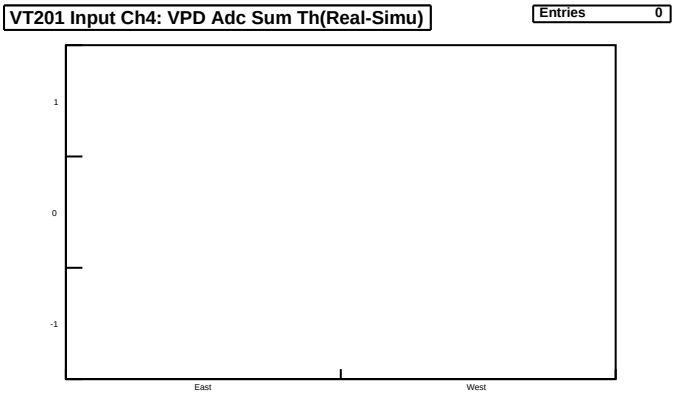

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5585696
14015
3712
31
29
13153
5534
88
70
684197
694500
698181
698183
685059
692678
698124
698142
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

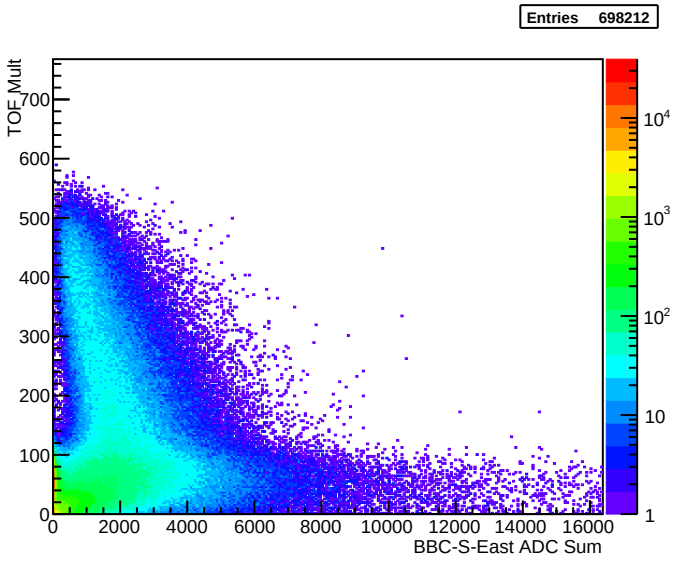

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

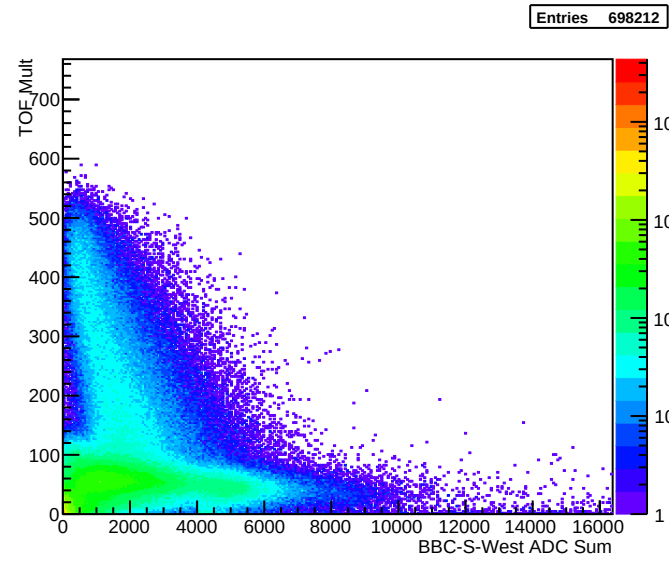

VT201 Input Ch4: VPD Tac Diff
Entries 698212
Tac

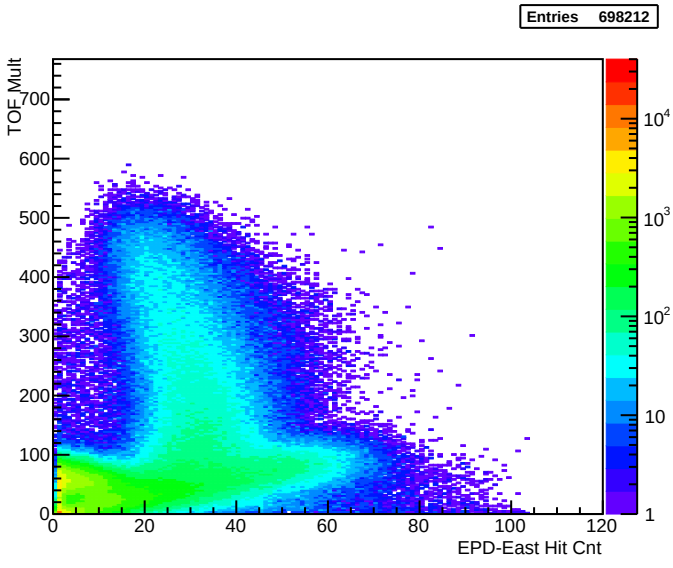

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

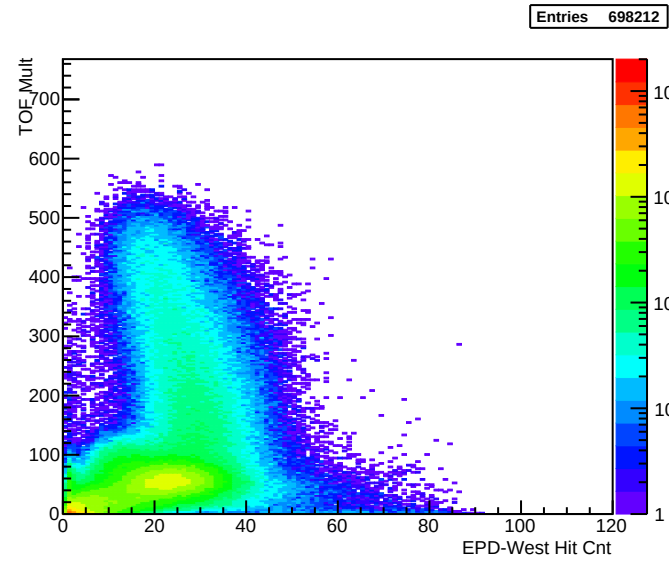

VT201 Input Ch4: VPD Adc Sum Th
Entries 1396424
348823
551924
349389
146288
East
West

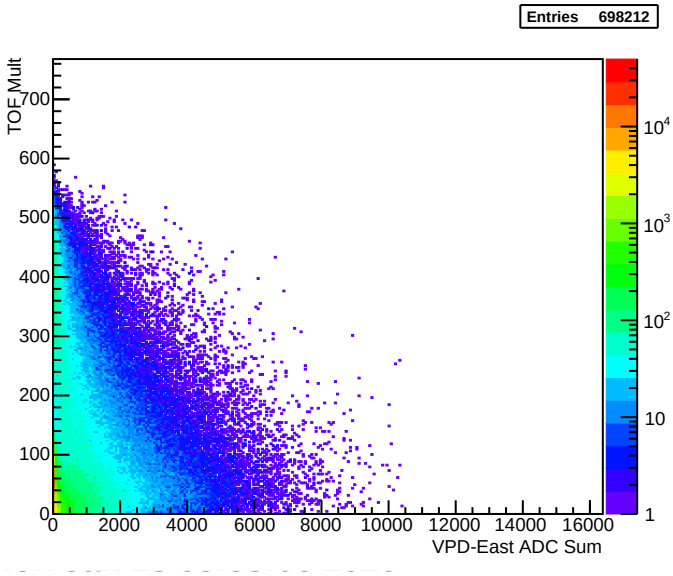

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

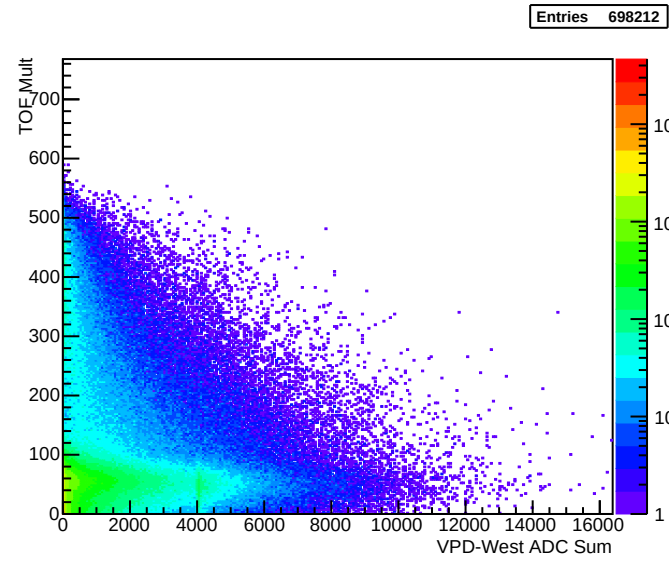

Entries 698212
TOF_Mult
BBC-S-East ADC Sum

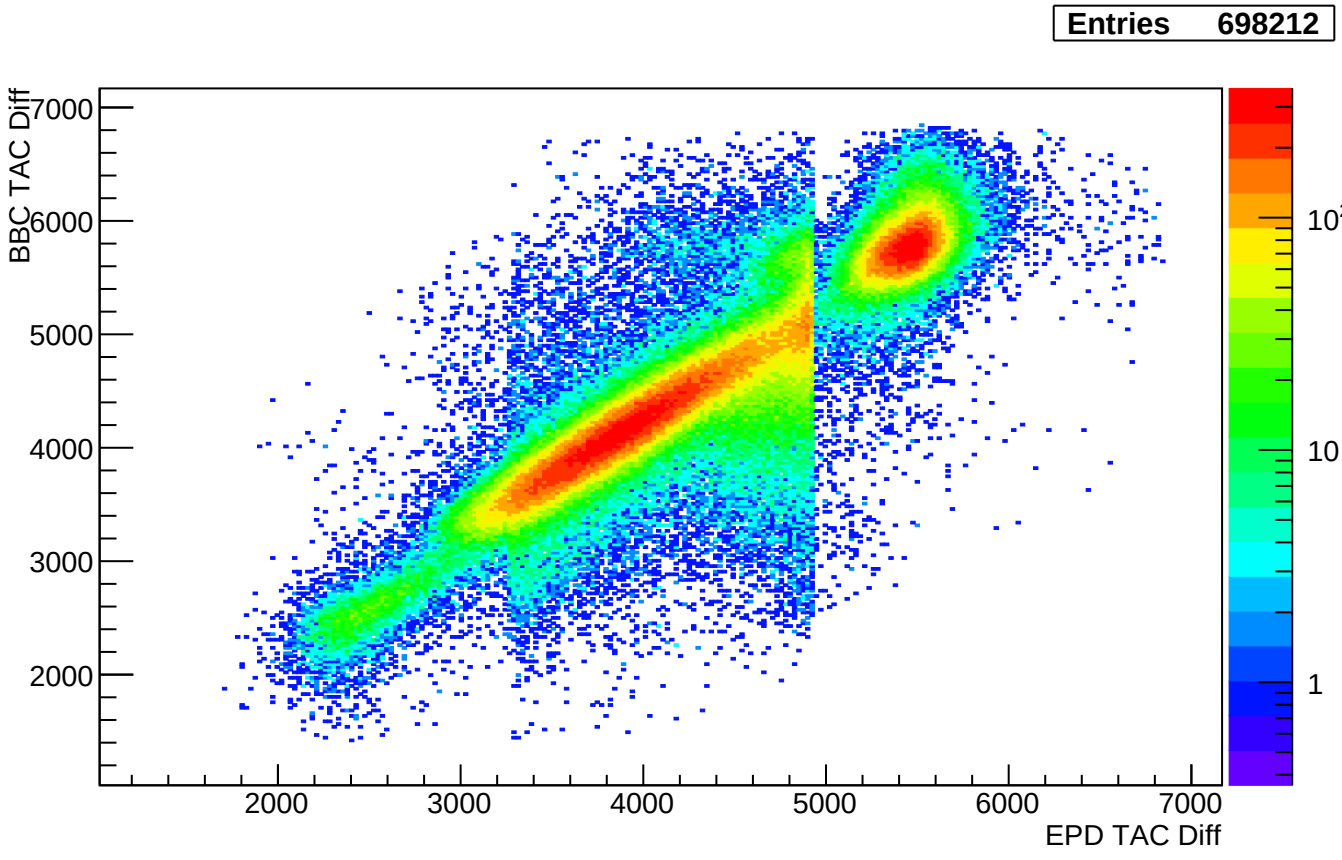

Entries 698212
TOF_Mult
BBC-S-West ADC Sum

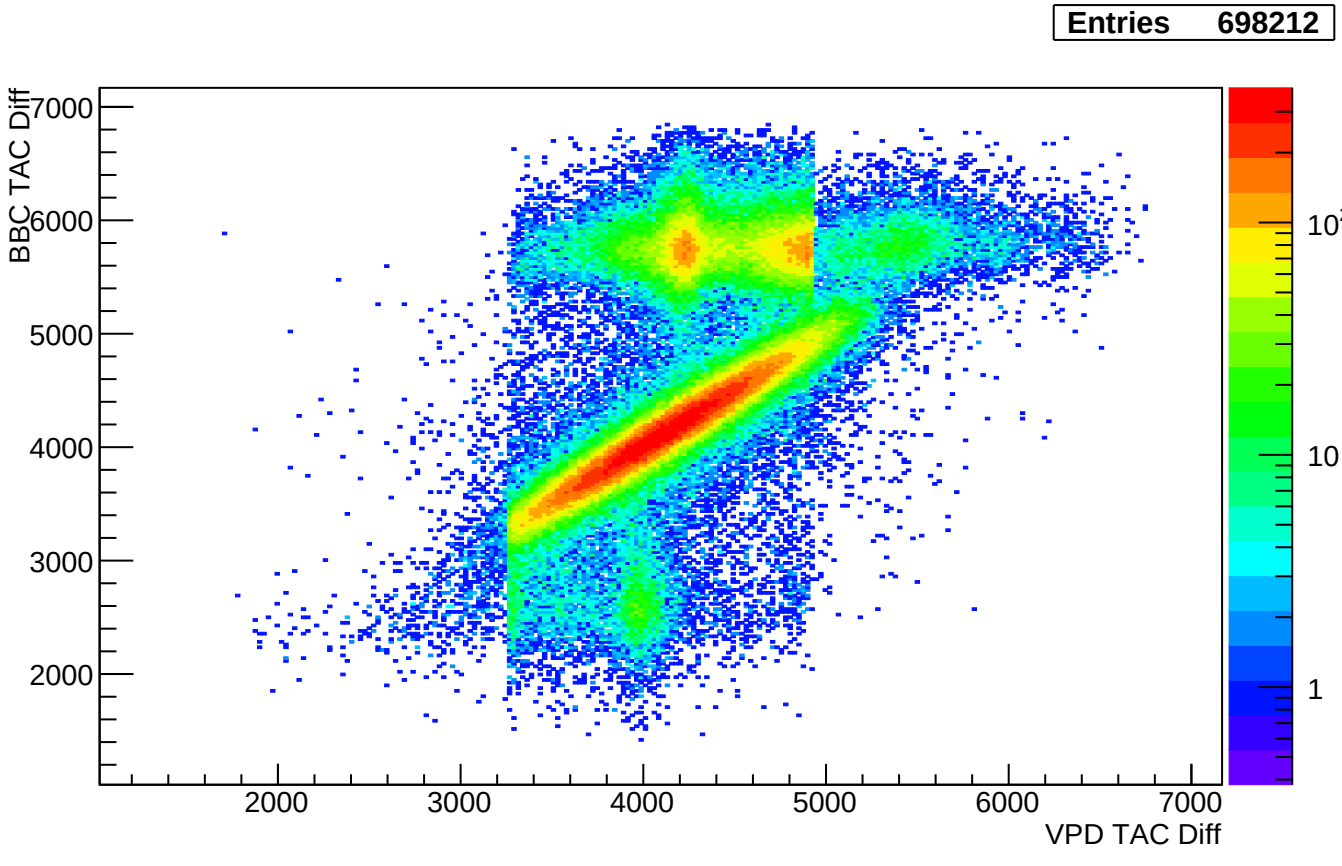

Entries 698212
TOF_Mult
EPD-East Hit Cnt

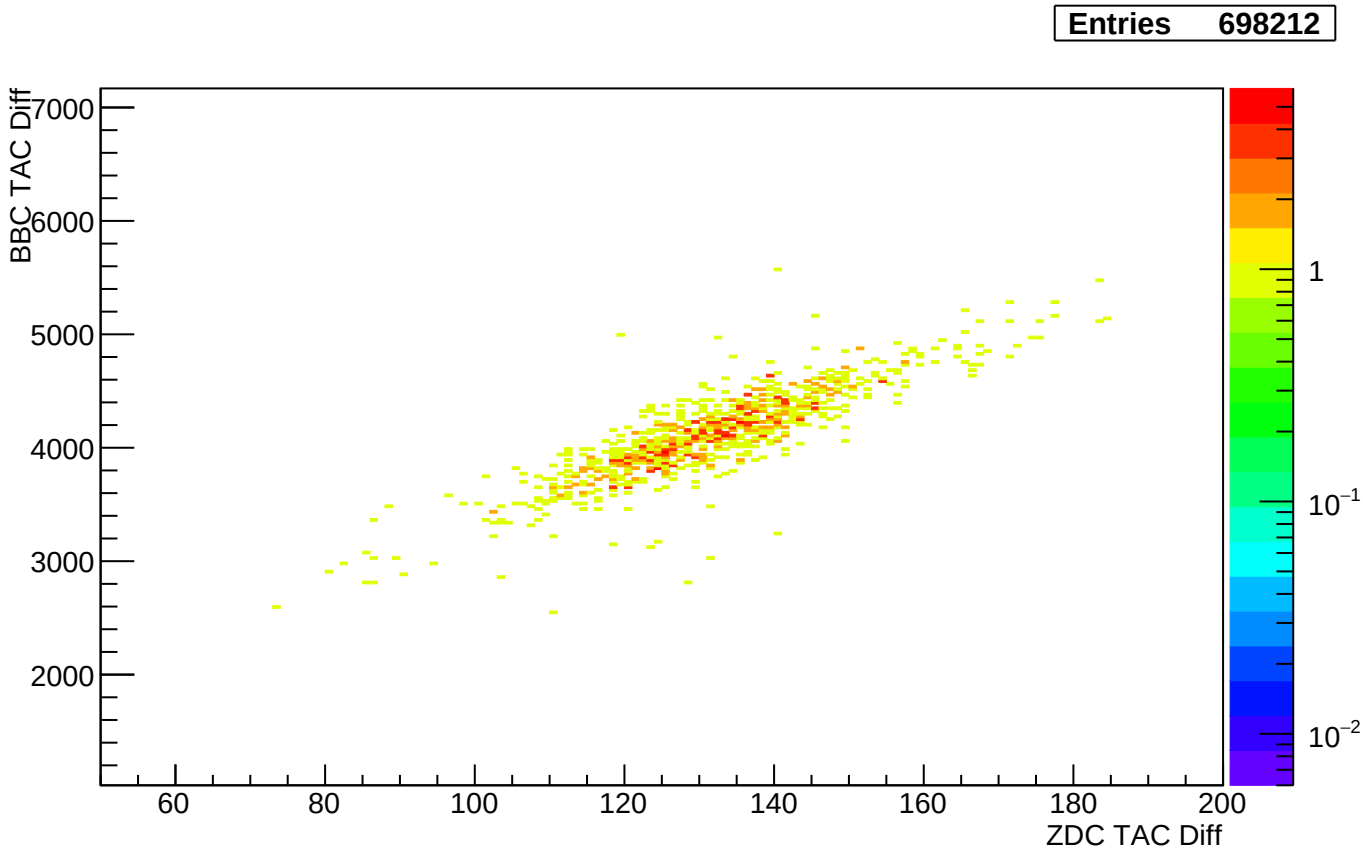

Entries 698212
TOF_Mult
EPD-West Hit Cnt

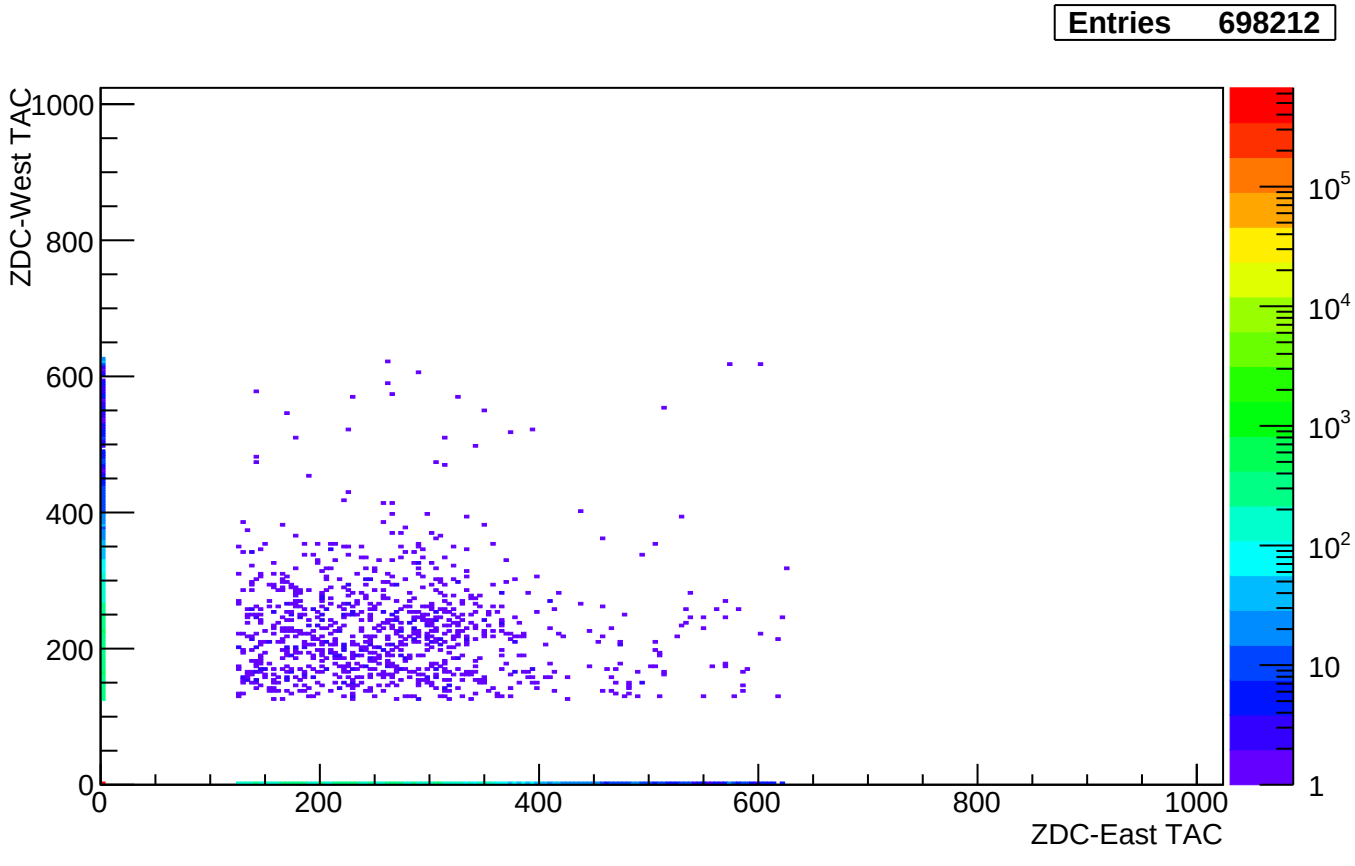

Entries 698212
TOF_Mult
VPD-East ADC Sum

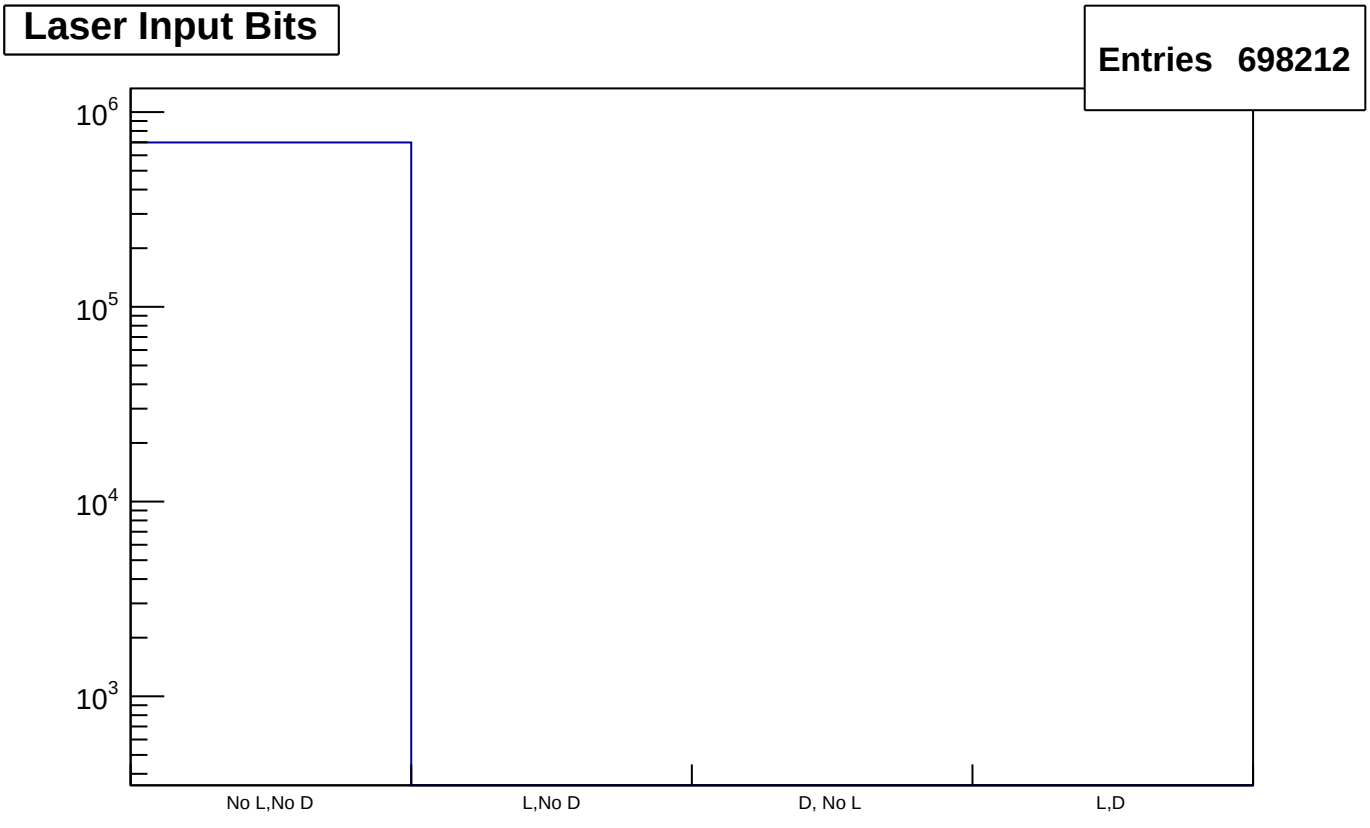

Entries 698212
TOF_Mult
VPD-West ADC Sum

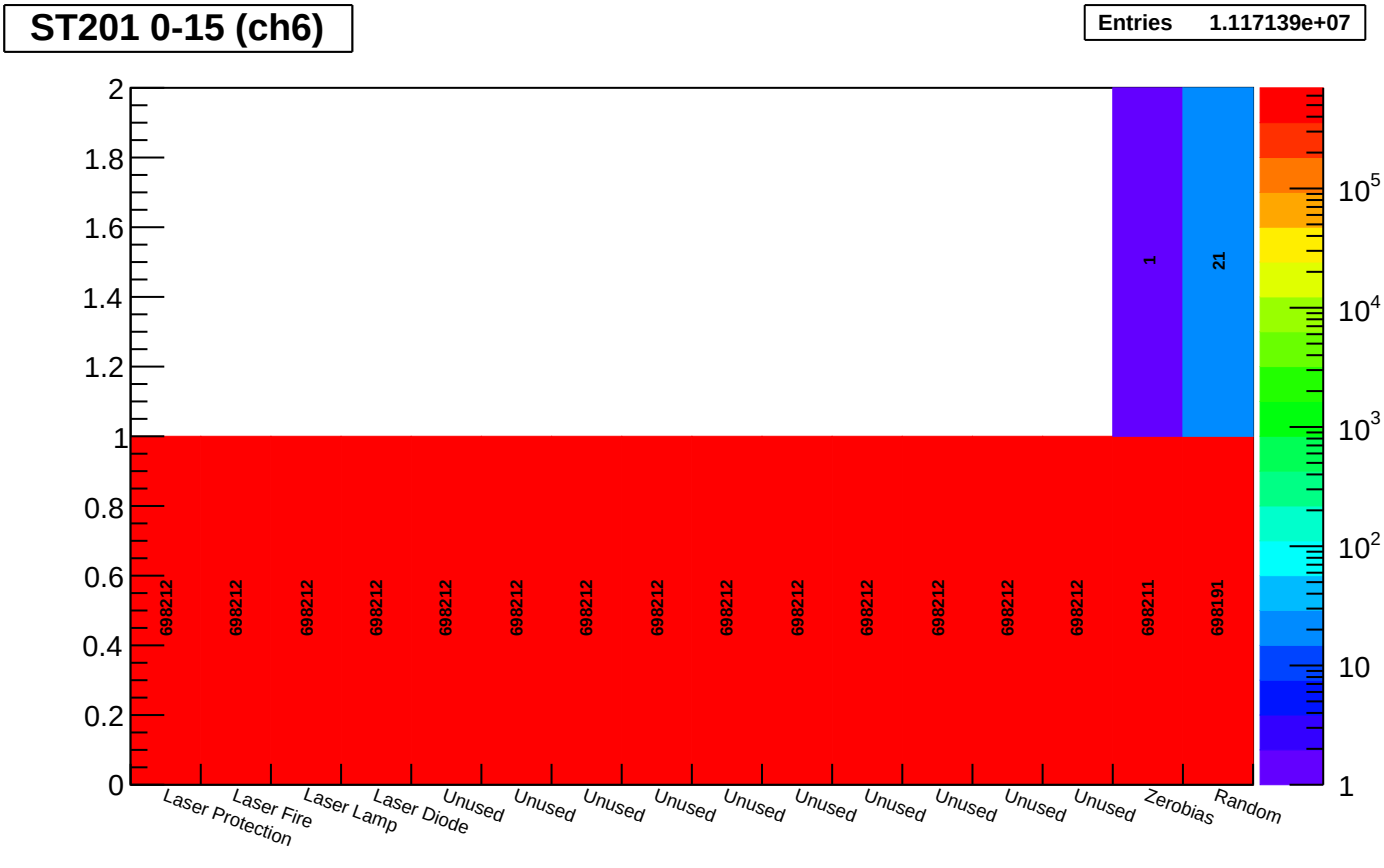

Entries 698212
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

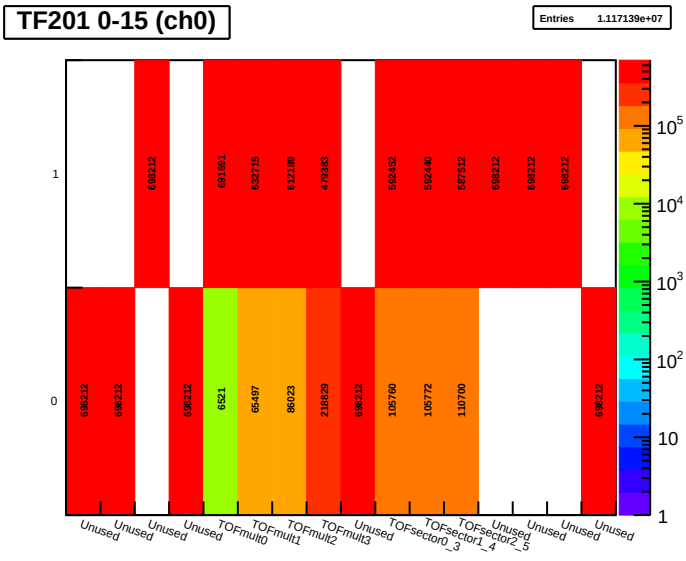

Entries 698212
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

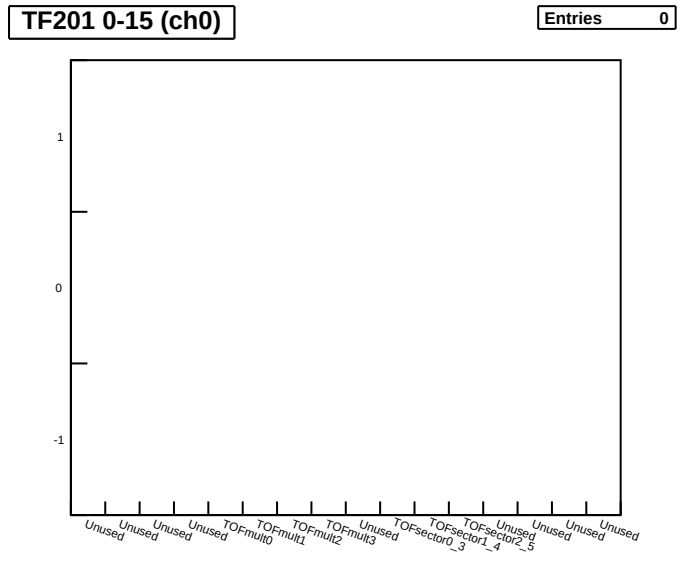

Entries 698212
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

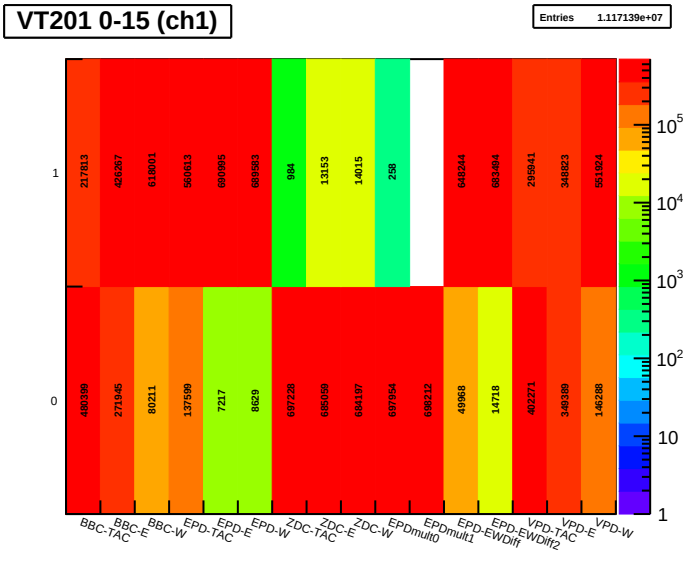

Entries 698212
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

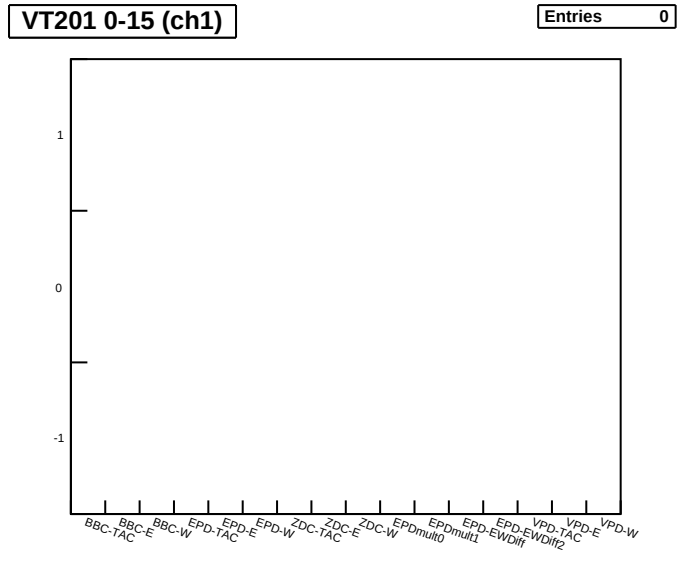

Laser Input Bits
Entries 698212
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

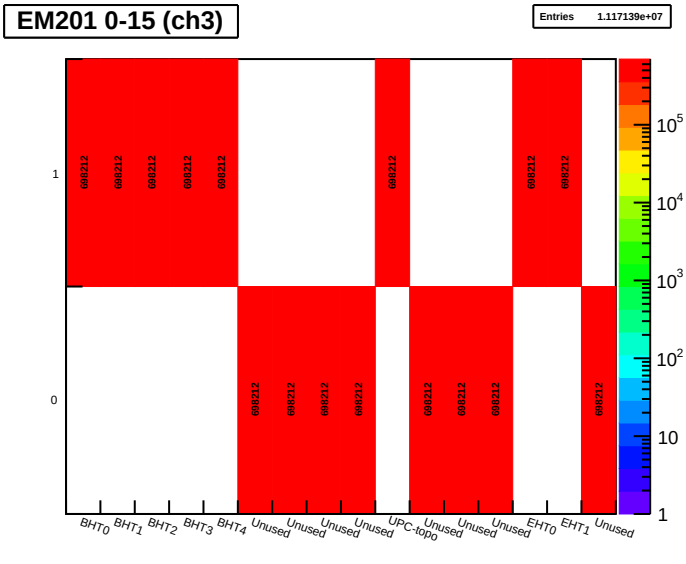

ST201 0-15 (ch6)
Entries 1.117139e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698211
698191
1
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

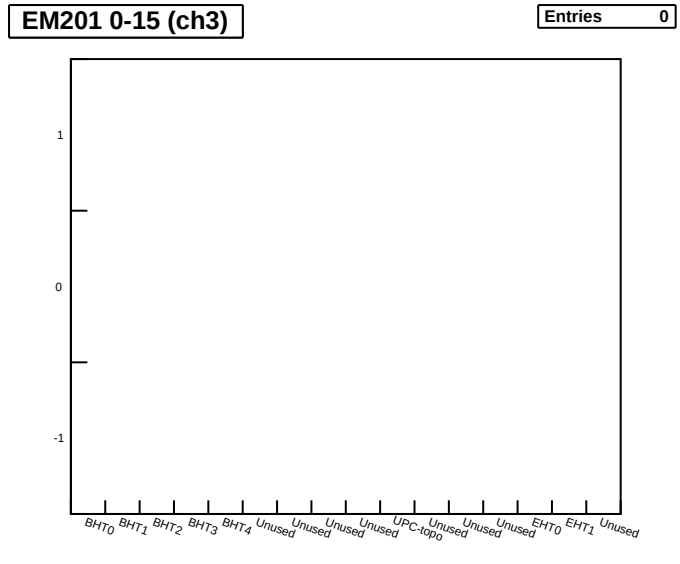

TF201 0-15 (ch0)
Entries 1.117139e+07
1
0
698212
698212
698212
698212
691691
632715
612189
479383
592452
592440
587512
698212
698212
698212
6521
65497
86023
218829
698212
105760
105772
110700
698212
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 1.117139e+07
1
0
217813
426267
618001
560613
690995
689583
984
13153
14015
258
648244
683494
299941
348823
551924
480399
271945
80211
137599
7217
8629
697228
685059
684197
697954
698212
49968
14718
402271
349389
146288
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 1.117139e+07
1
0
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
698212
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