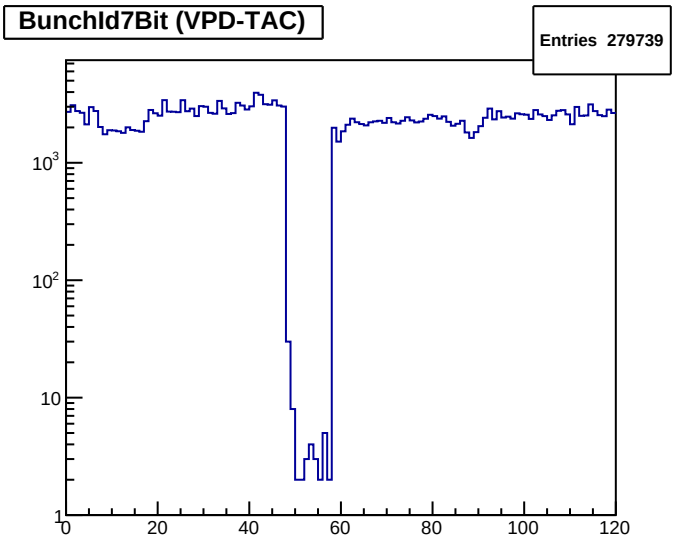
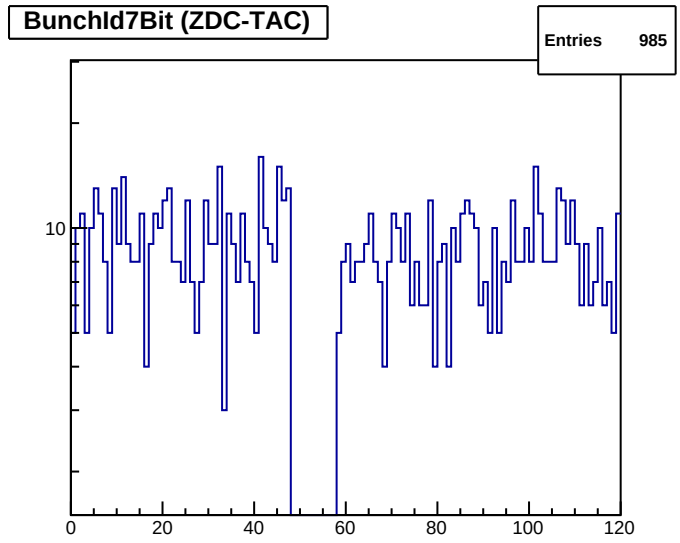
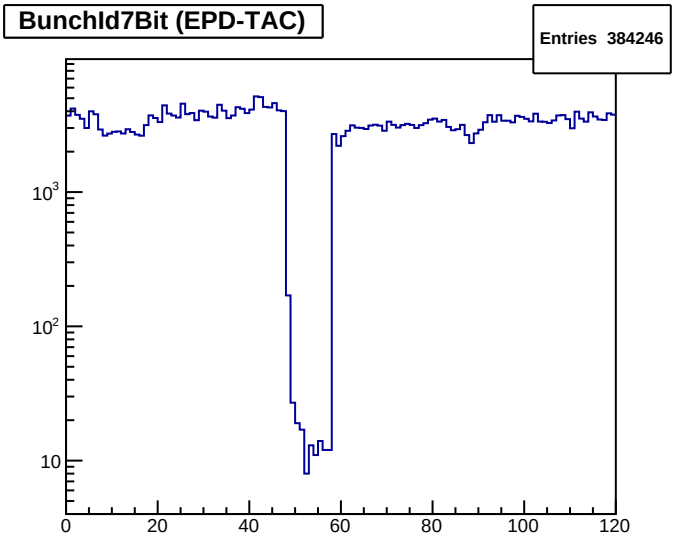
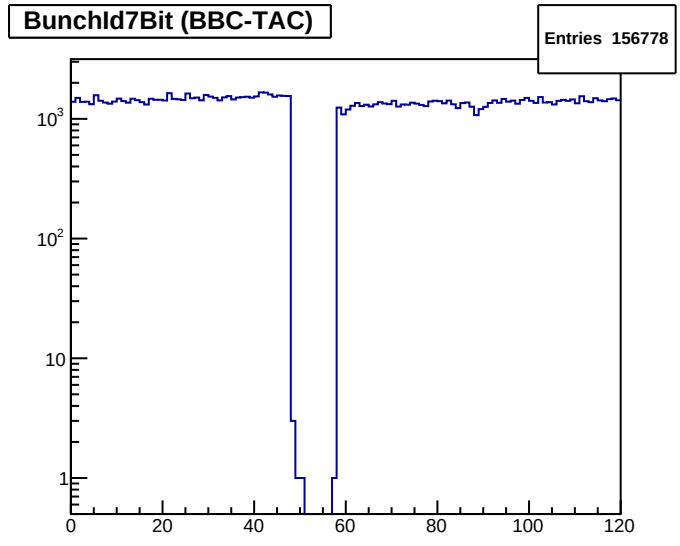
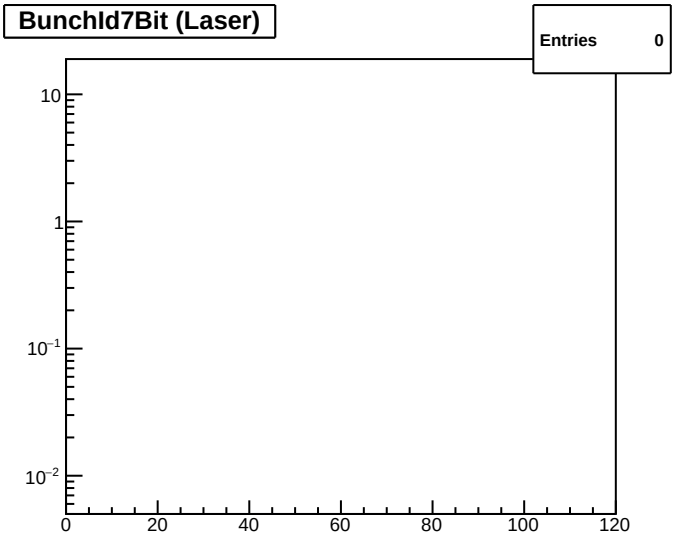
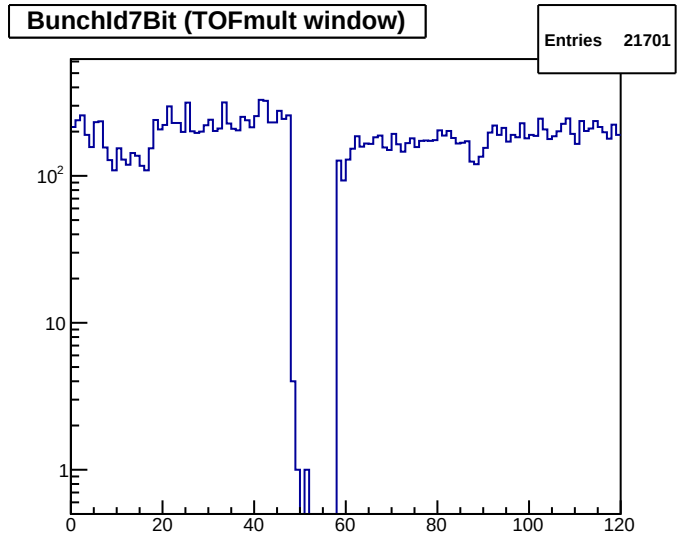

BunchId7Bit (VPD-TAC)
Entries 279739

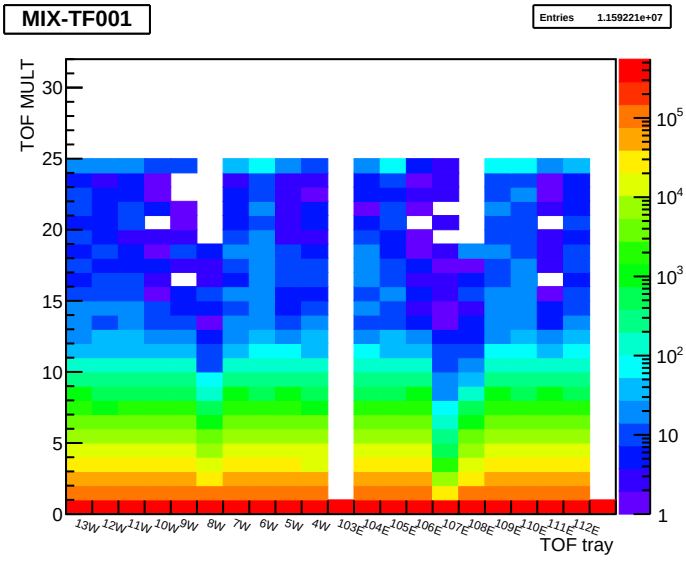

BunchId7Bit (ZDC-TAC)
Entries 985

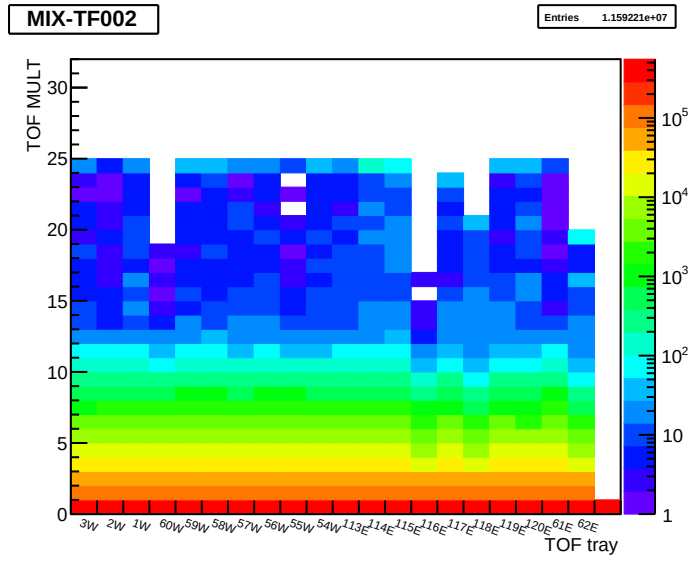

BunchId7Bit (EPD-TAC)
Entries 384246

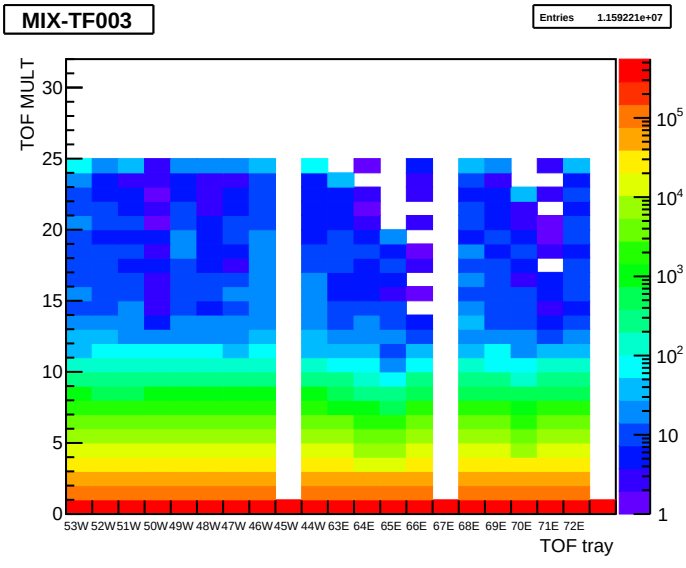

BunchId7Bit (BBC-TAC)
Entries 156778

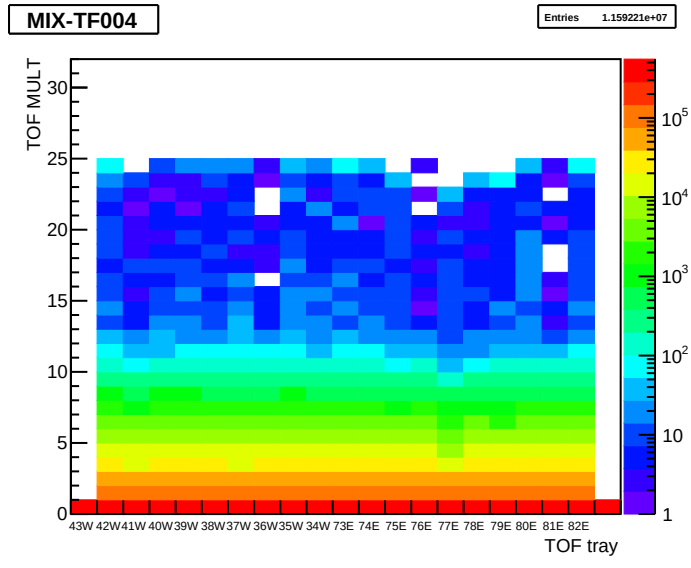

BunchId7Bit (Laser)
Entries 0

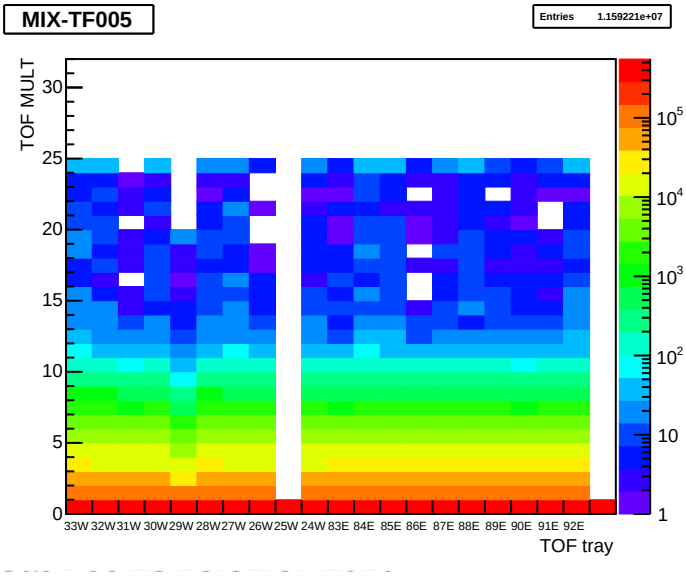

BunchId7Bit (TOFmult window)
Entries 21701

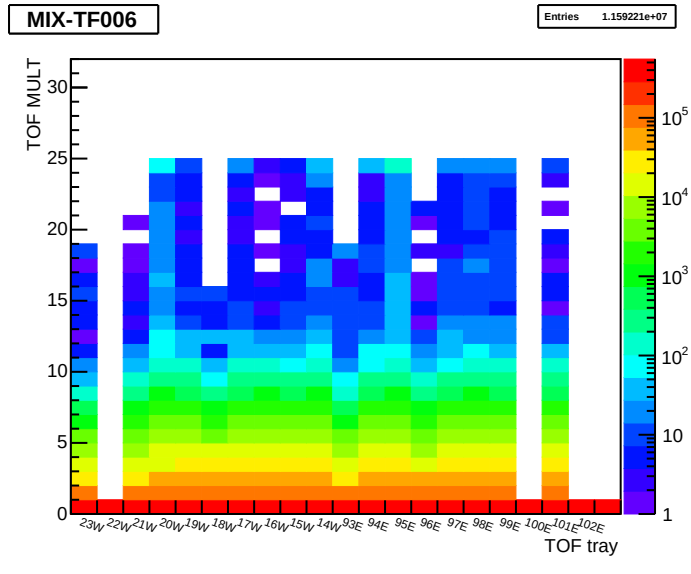

MIX-TF001
Entries 1.159221e+07
TOF MULT
TOF tray

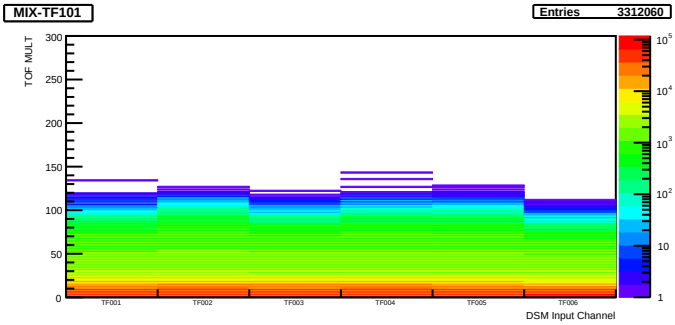

MIX-TF002
Entries 1.159221e+07
TOF MULT
TOF tray

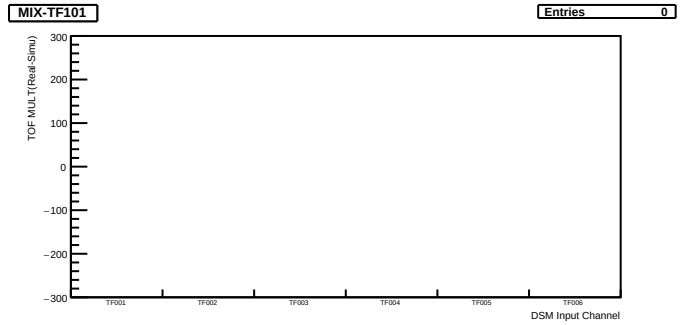

MIX-TF003
Entries 1.159221e+07
TOF MULT
TOF tray

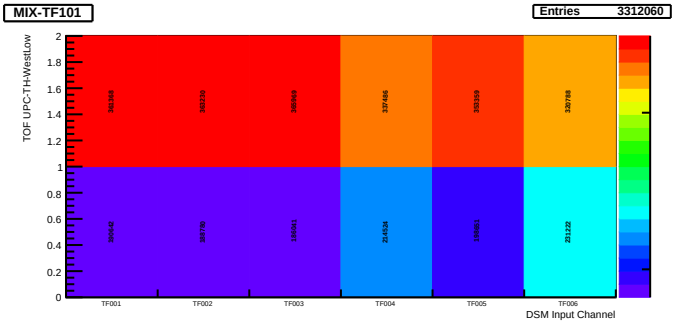

MIX-TF004
Entries 1.159221e+07
TOF MULT
TOF tray

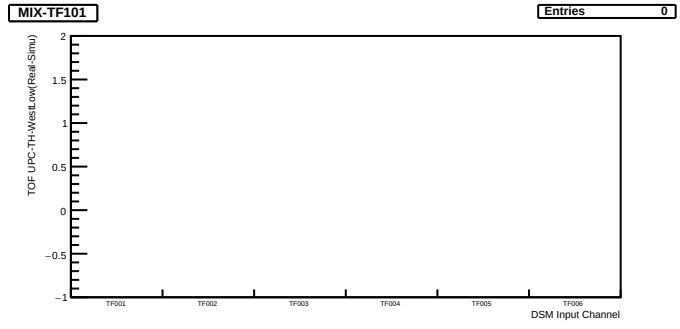

MIX-TF005
Entries 1.159221e+07
TOF MULT
TOF tray

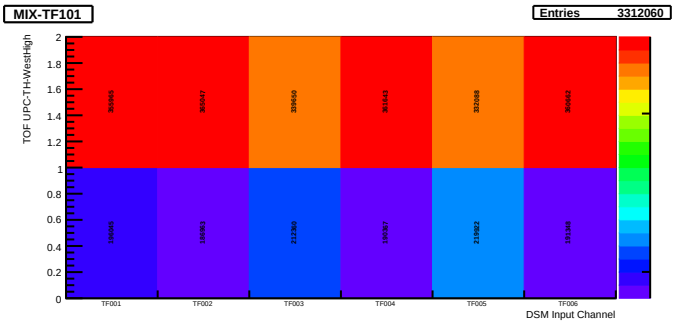

MIX-TF006
Entries 1.159221e+07
TOF MULT
TOF tray

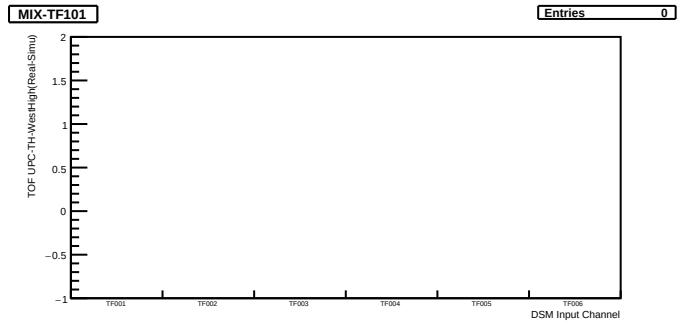

MIX-TF101
Entries 3312060
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

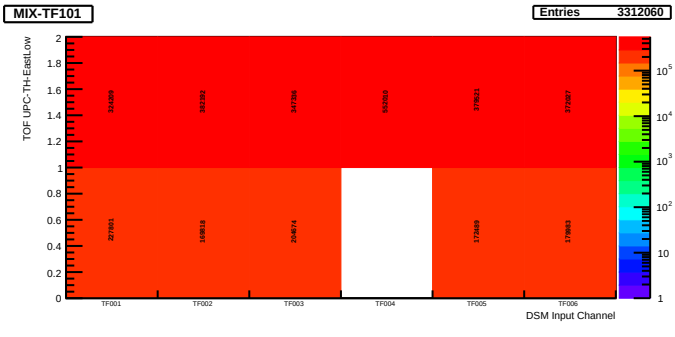

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

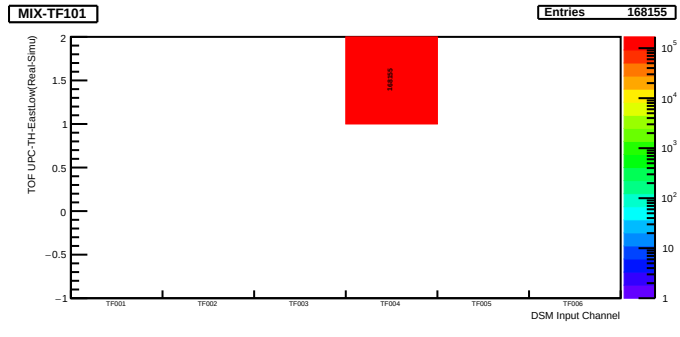

MIX-TF101
Entries 3312060
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

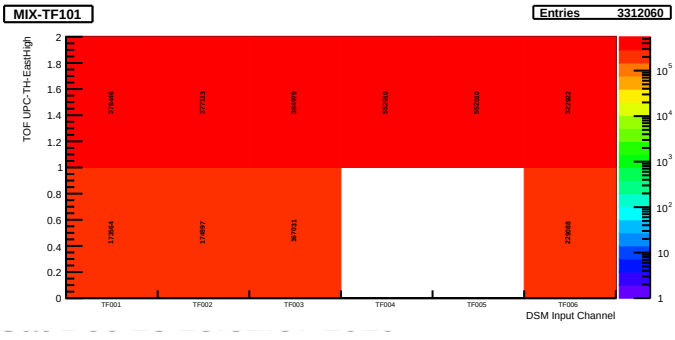

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

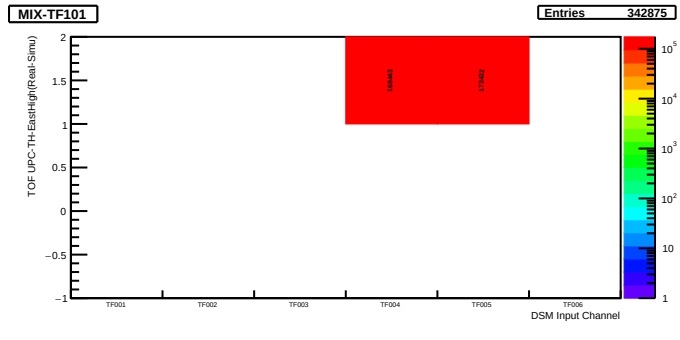

MIX-TF101
Entries 3312060
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

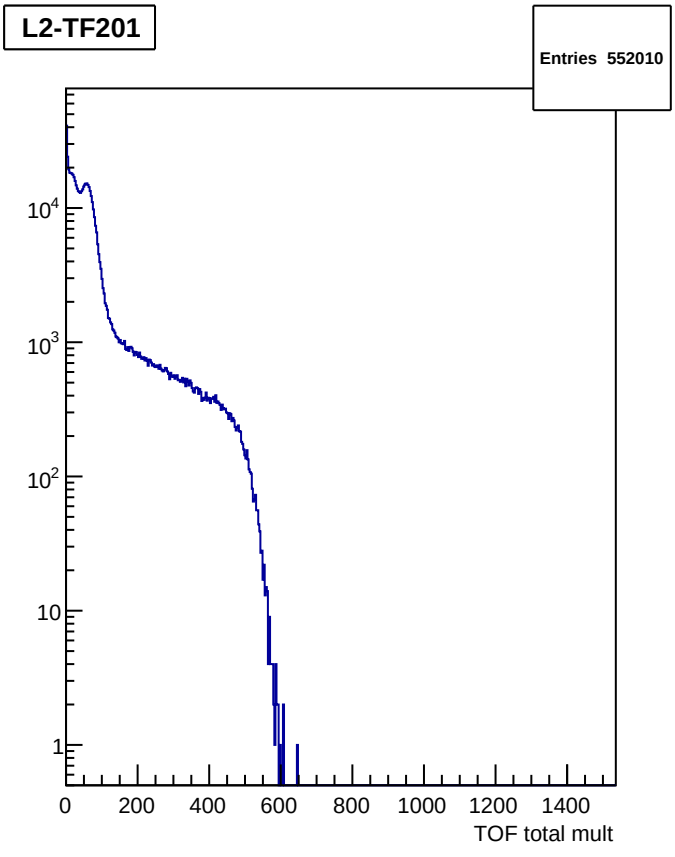

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

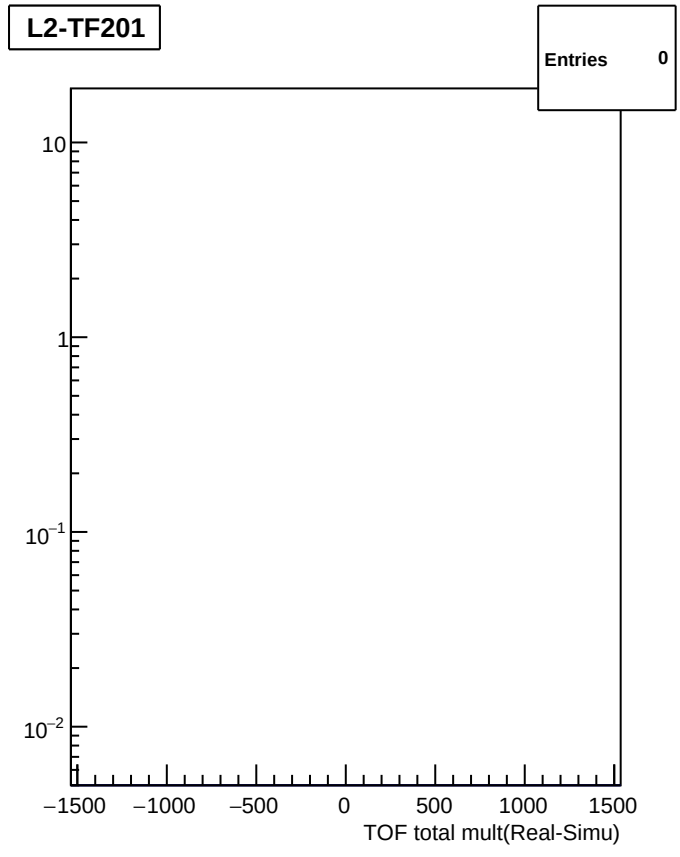

MIX-TF101
Entries 3312060
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

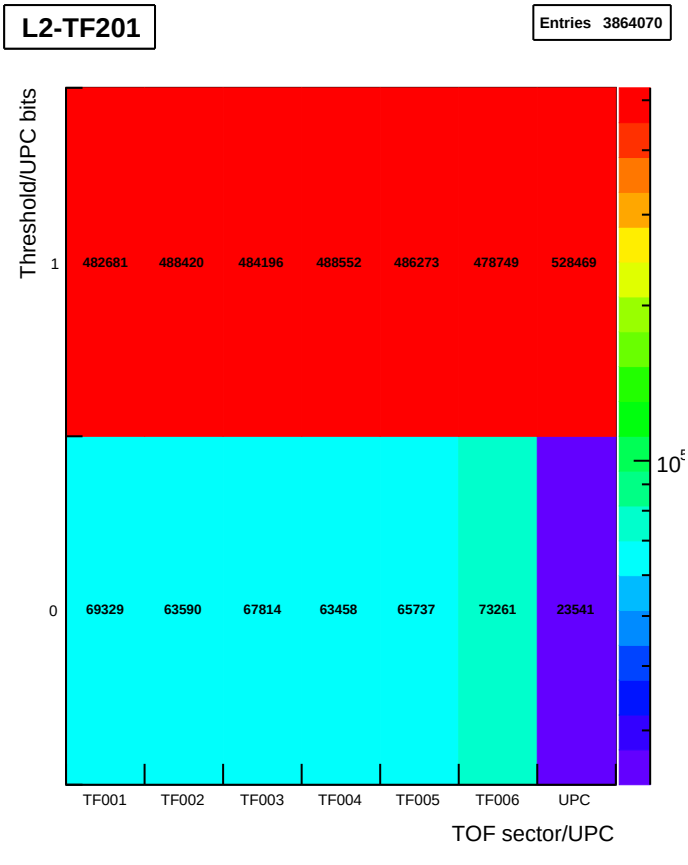

MIX-TF101
Entries 168155
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

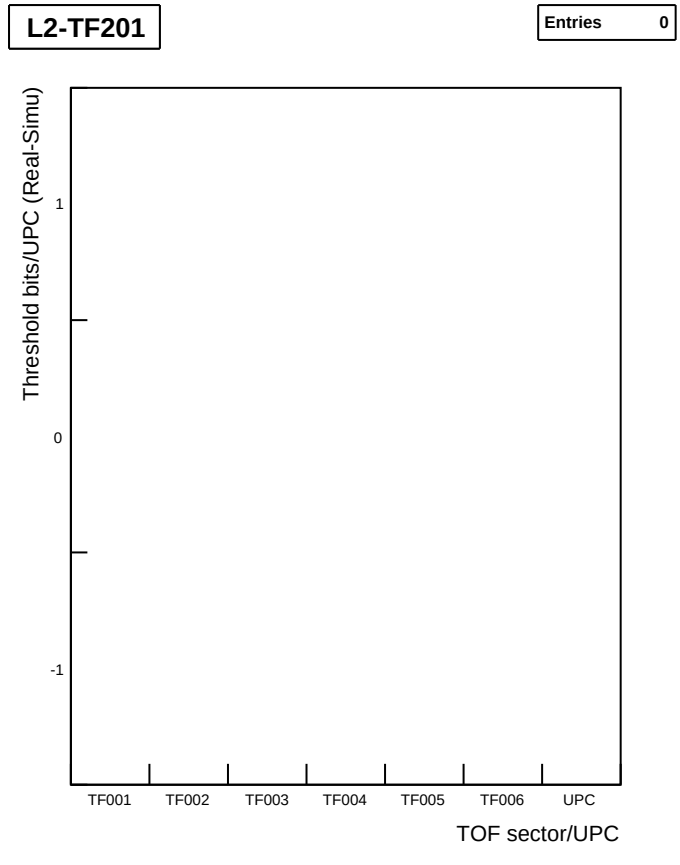

MIX-TF101
Entries 3312060
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

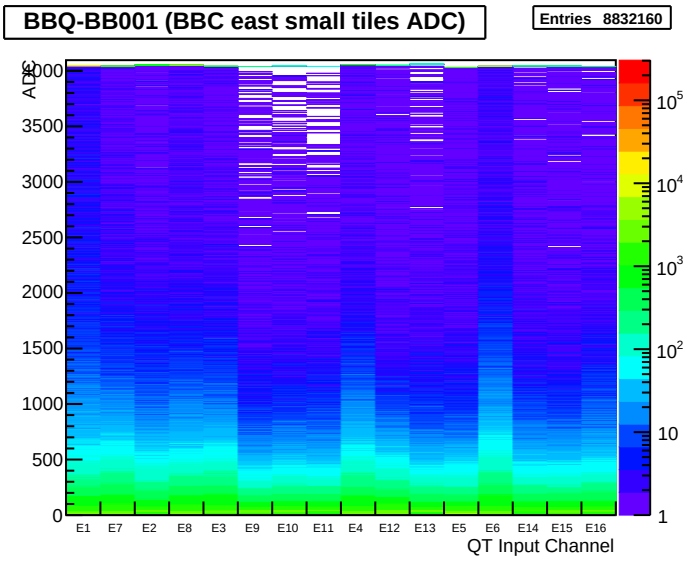

MIX-TF101
Entries 342875
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

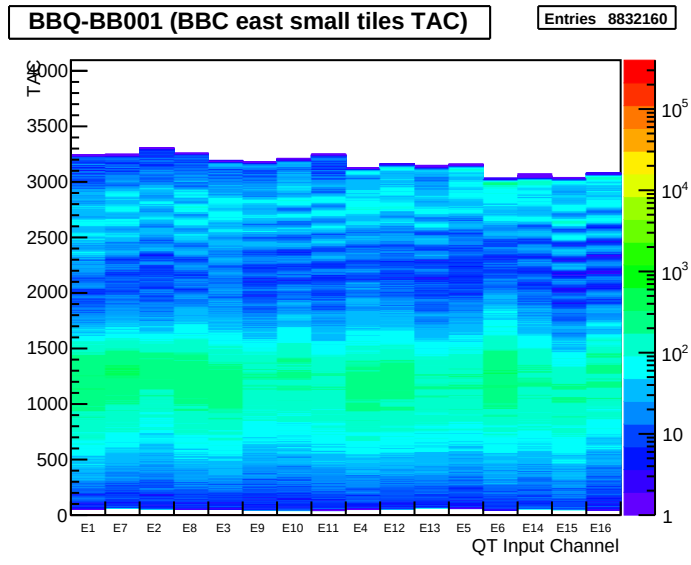

L2-TF201
Entries 552010
TOF total mult

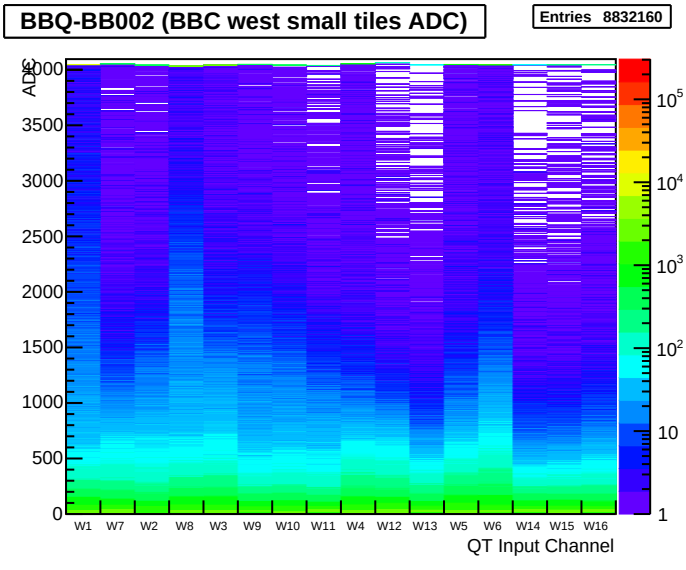

L2-TF201
Entries 0
TOF total mult(Real-Simu)

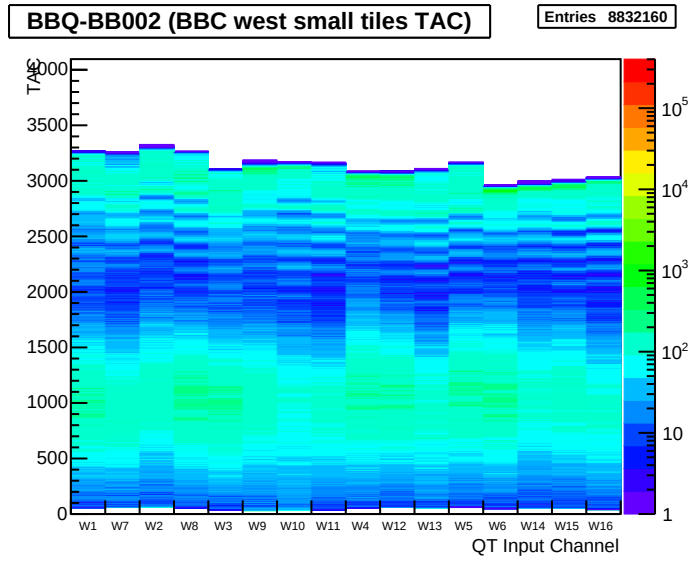

L2-TF201
Entries 3864070
Threshold/UPC bits
482681
488420
484196
488552
486273
478749
528469
69329
63590
67814
63458
65737
73261
23541
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

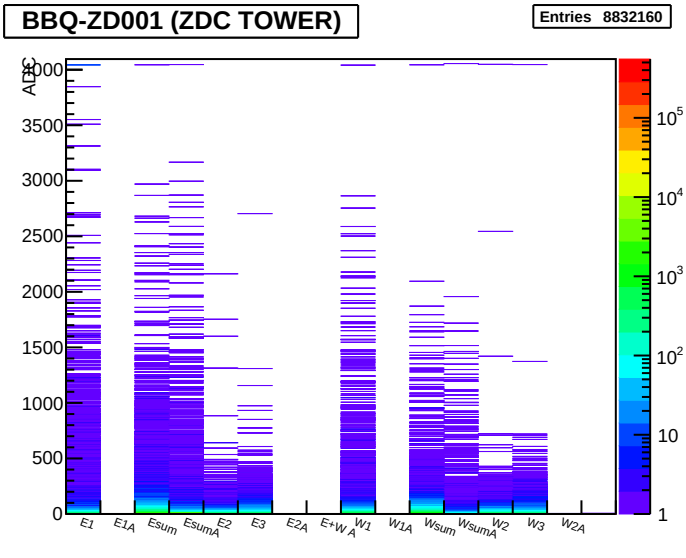

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

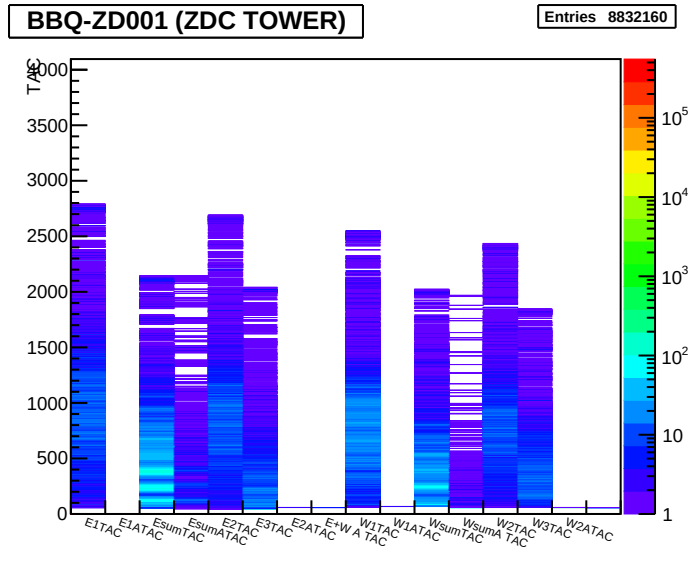

BBQ-BB001 (BBC east small tiles ADC)
Entries 8832160
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

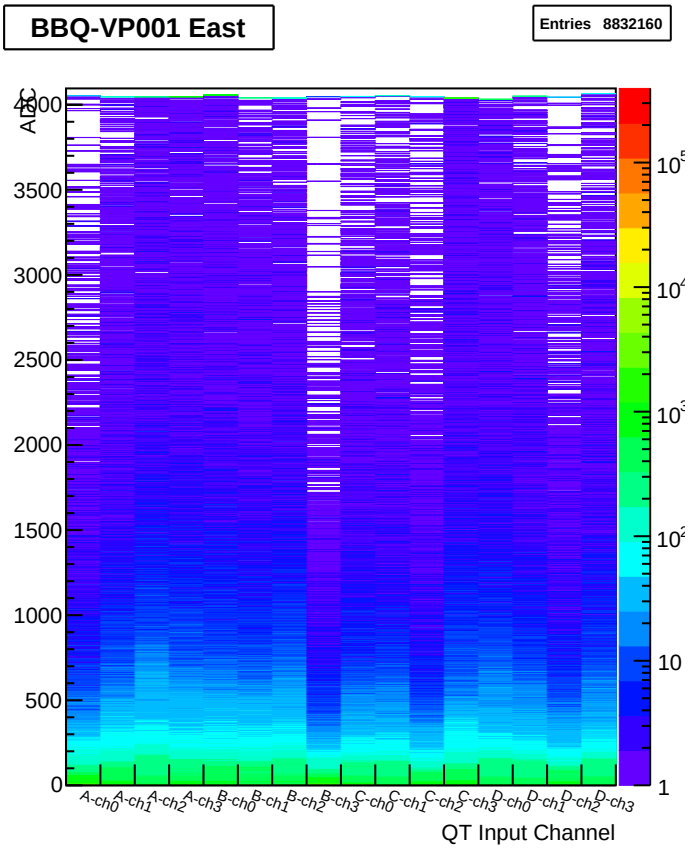

BBQ-BB001 (BBC east small tiles TAC)
Entries 8832160
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

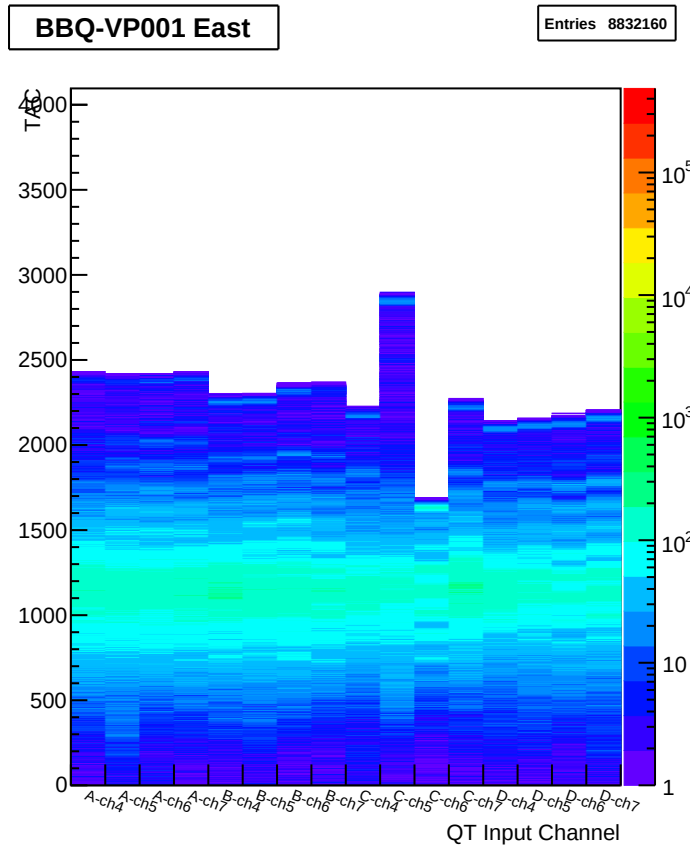

BBQ-BB002 (BBC west small tiles ADC)
Entries 8832160
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

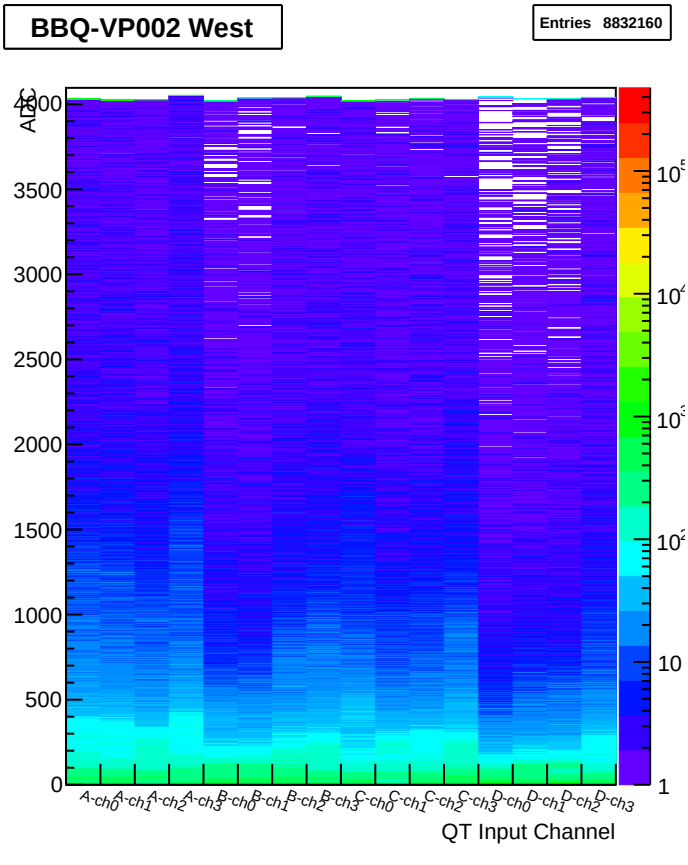

BBQ-BB002 (BBC west small tiles TAC)
Entries 8832160
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

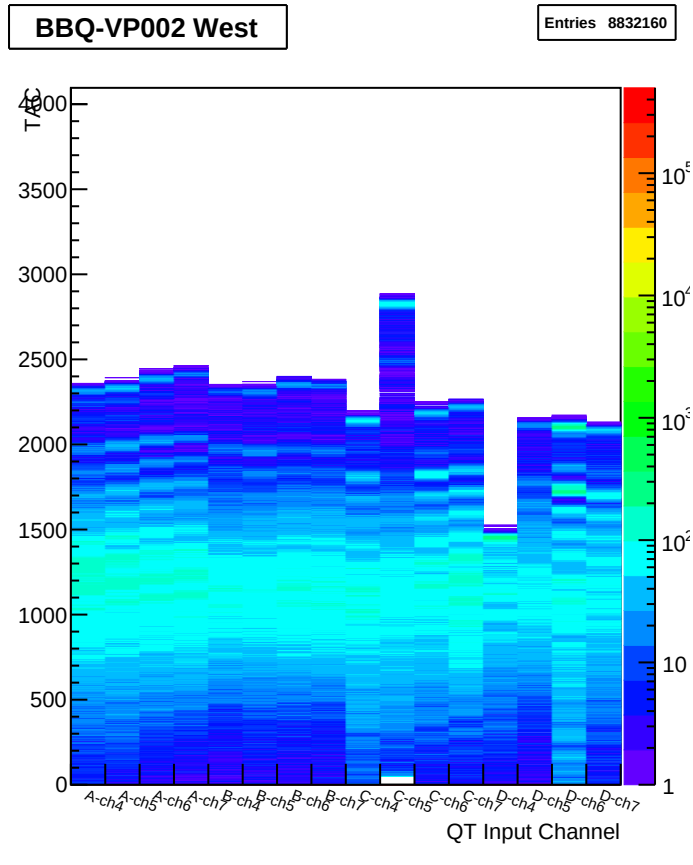

BBQ-ZD001 (ZDC TOWER)
Entries 8832160
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

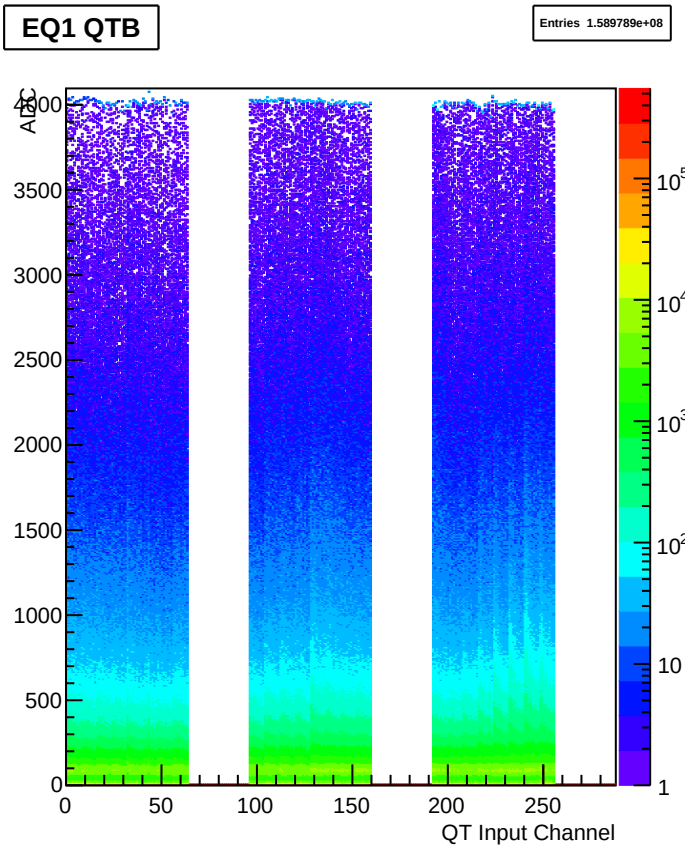

BBQ-ZD001 (ZDC TOWER)
Entries 8832160
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

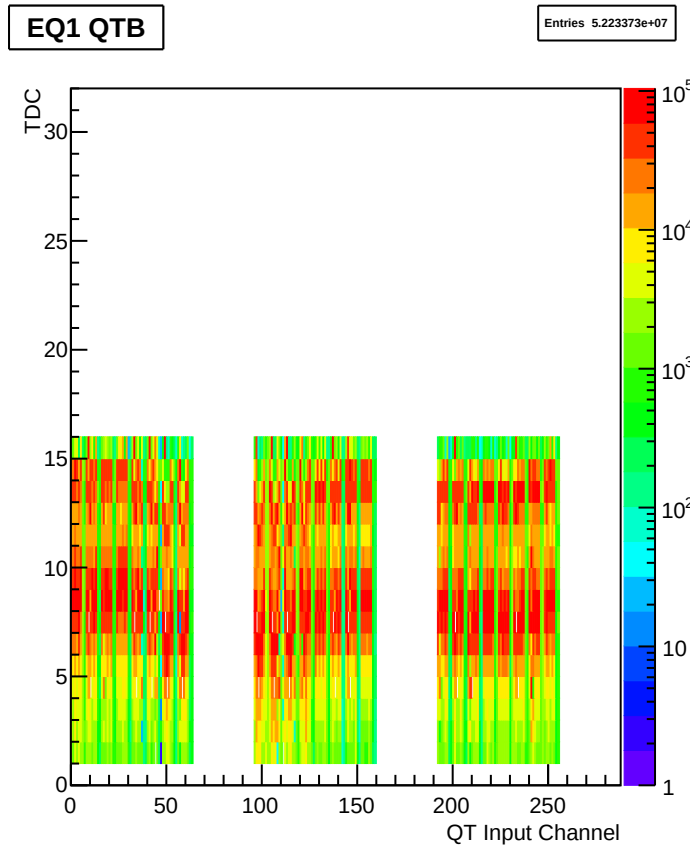

BBQ-VP001 East
Entries 8832160
ADC
QT Input Channel

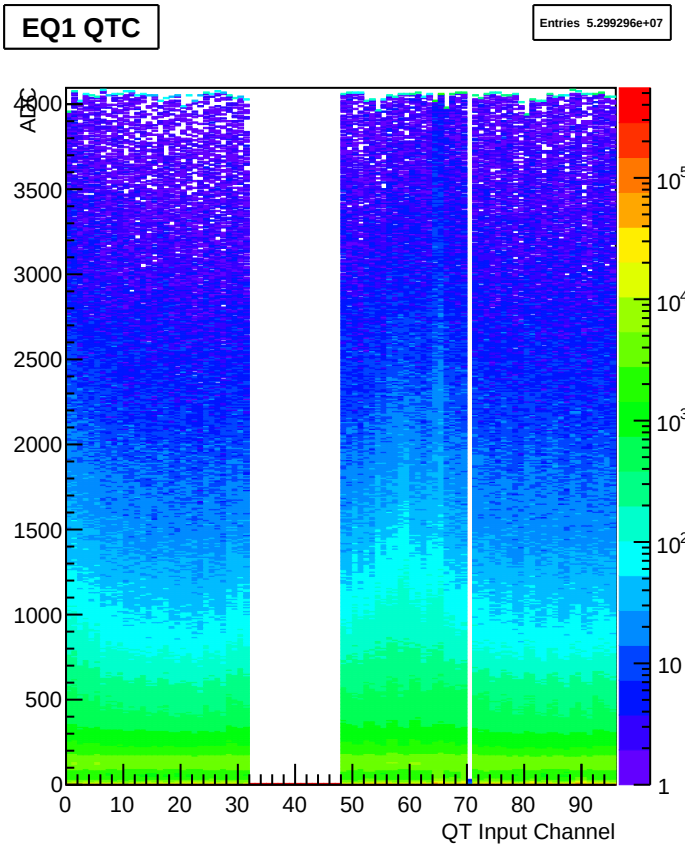

BBQ-VP001 East
Entries 8832160
TADC
QT Input Channel

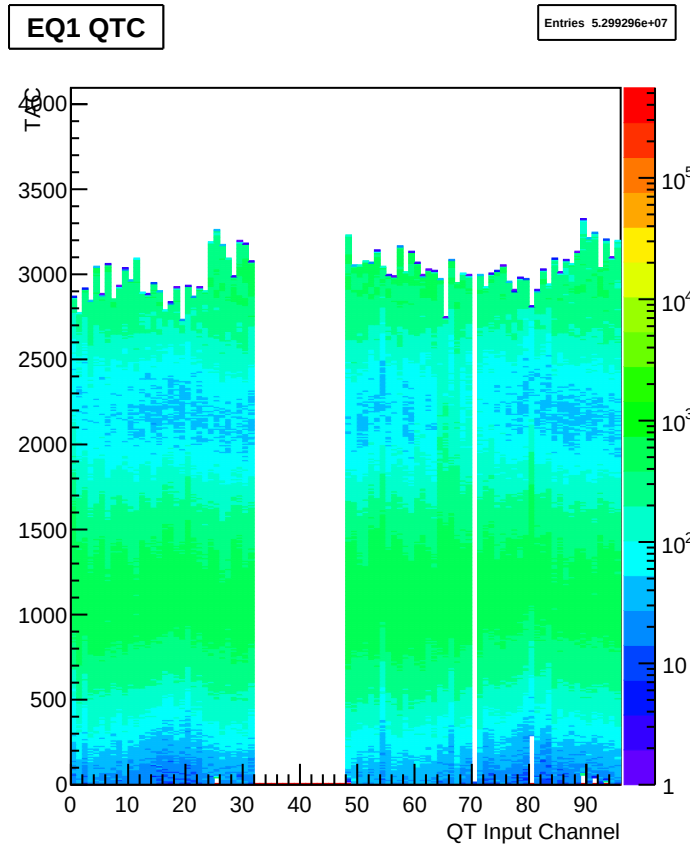

BBQ-VP002 West
Entries 8832160
ADC
QT Input Channel

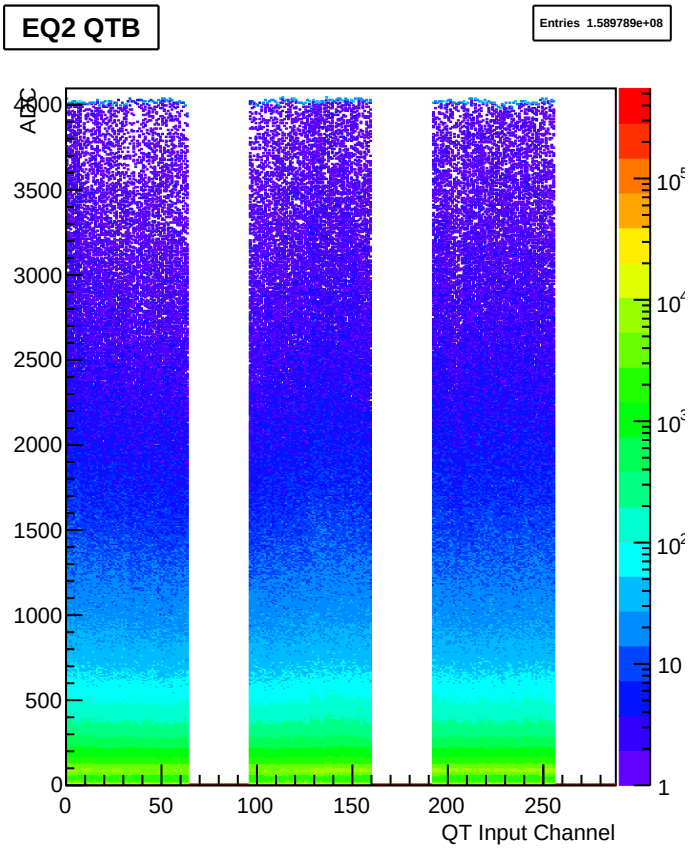

BBQ-VP002 West
Entries 8832160
TADC
QT Input Channel

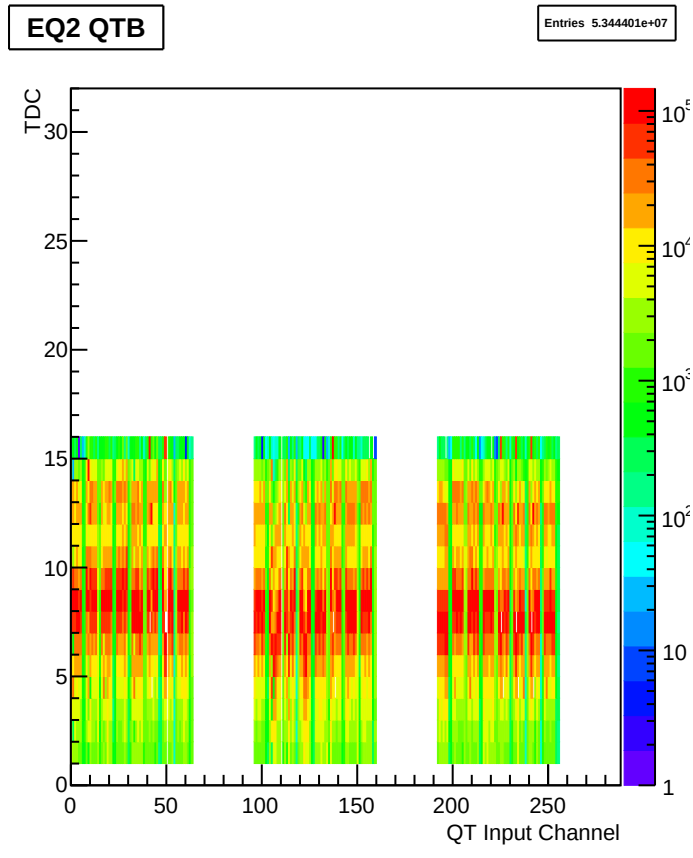

EQ1 QTB
Entries 1.589789e+08
ADC
QT Input Channel

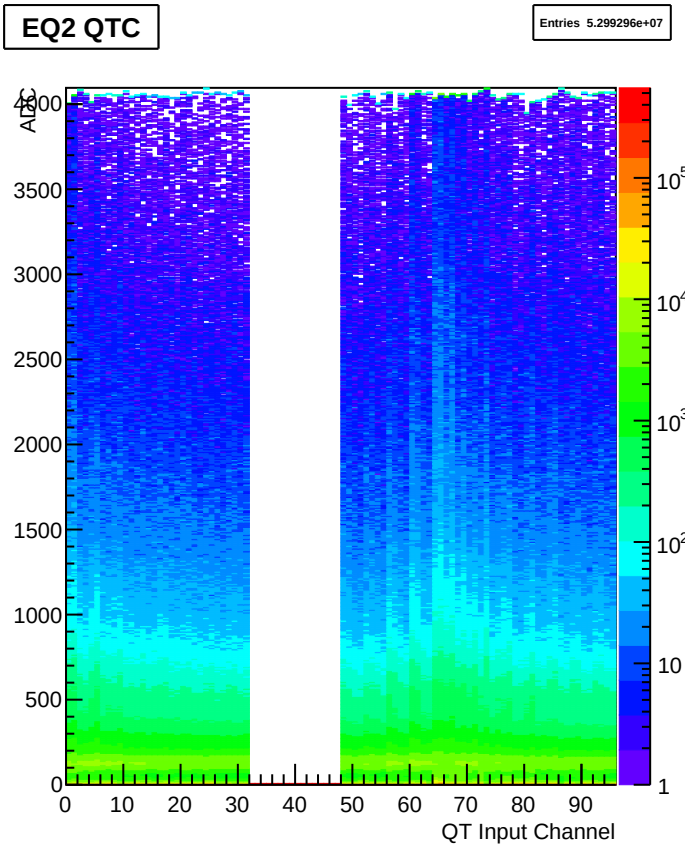

EQ1 QTB
Entries 5.223373e+07
TDC
QT Input Channel

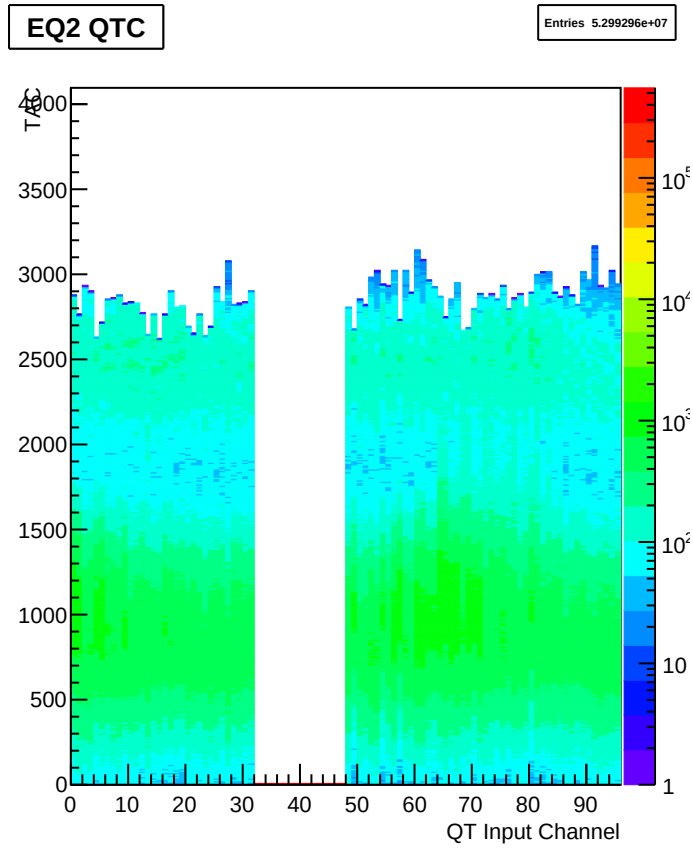

EQ1 QTC
Entries 5.299296e+07
ADC
QT Input Channel

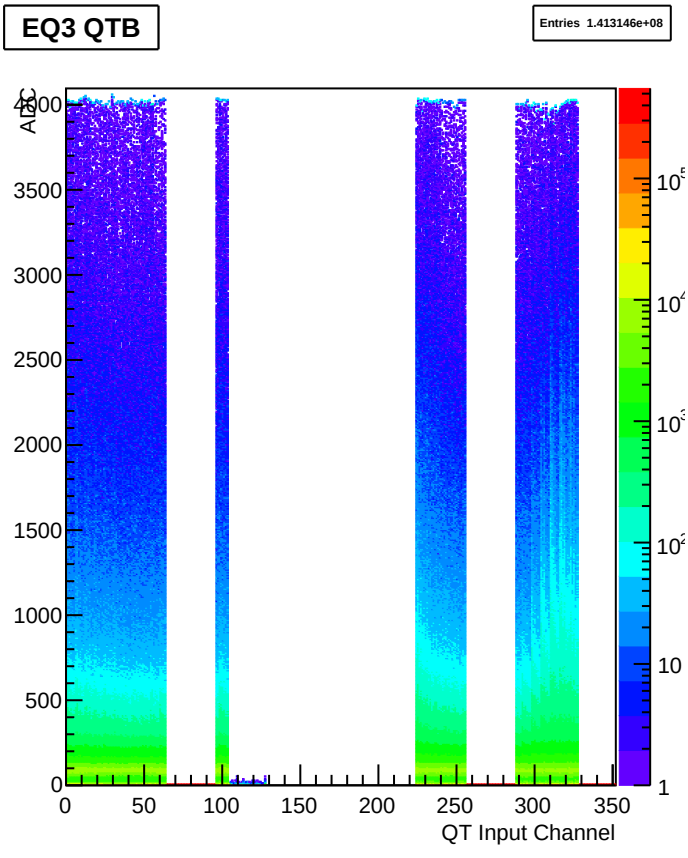

EQ1 QTC
Entries 5.299296e+07
TADC
QT Input Channel

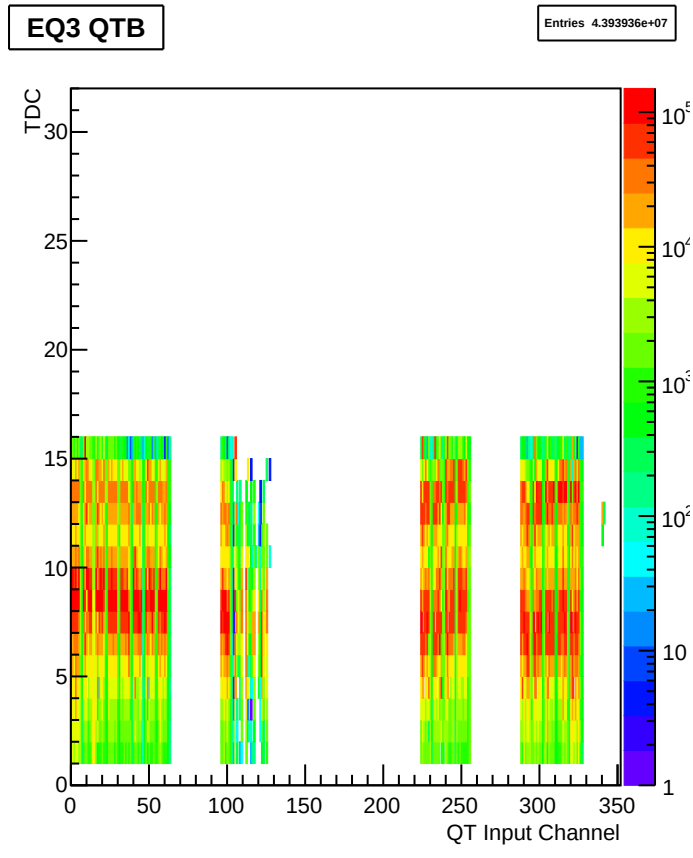

EQ2 QTB
Entries 1.589789e+08
ADC
QT Input Channel

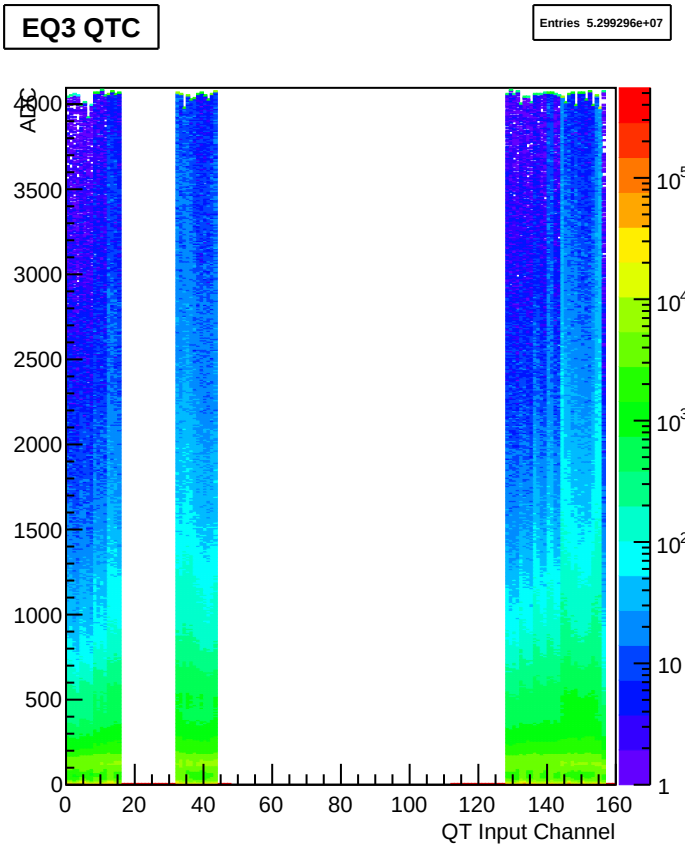

EQ2 QTB
Entries 5.344401e+07
TDC
QT Input Channel

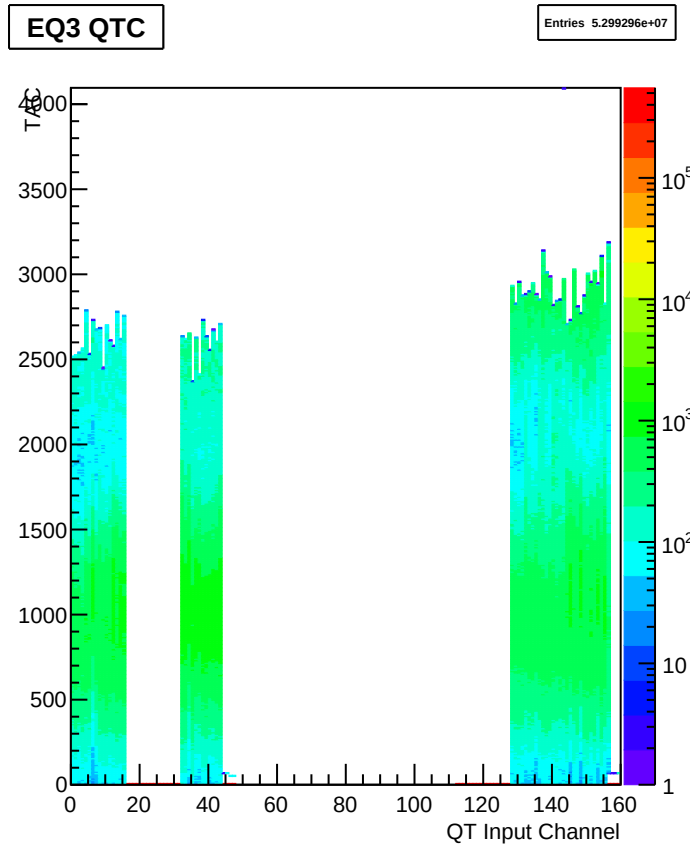

EQ2 QTC
Entries 5.299296e+07
ADC
QT Input Channel

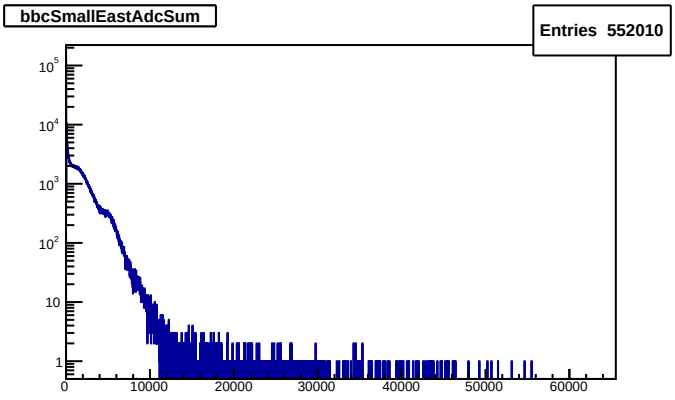

EQ2 QTC
Entries 5.299296e+07
TADC
QT Input Channel

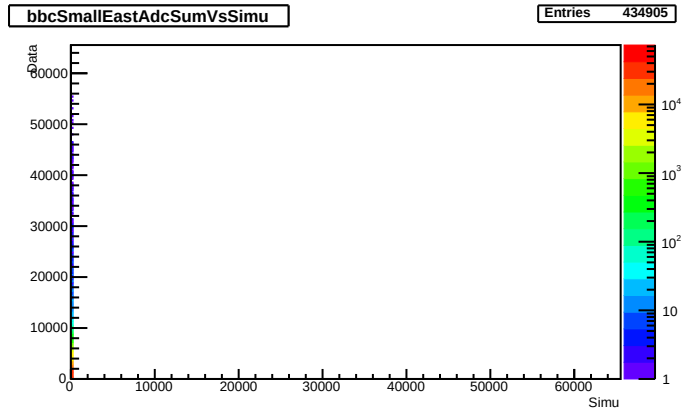

EQ3 QTB
Entries 1.413146e+08
ADC
QT Input Channel

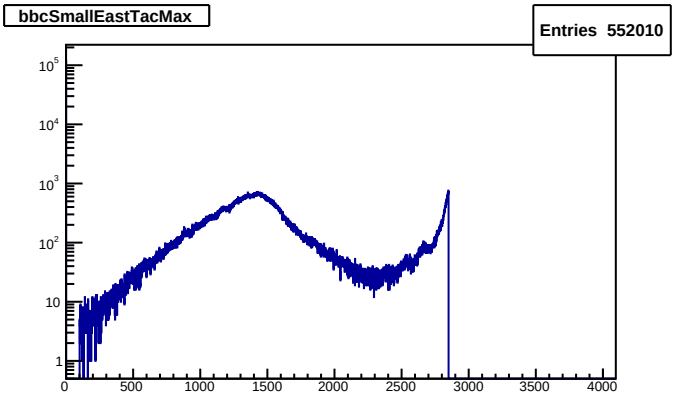

EQ3 QTB
Entries 4.393936e+07
TDC
QT Input Channel

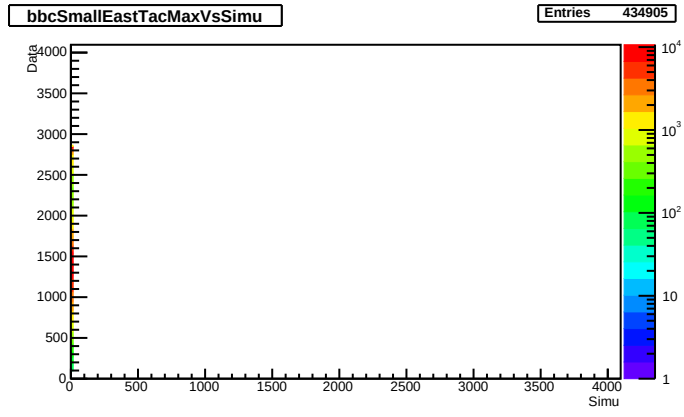

EQ3 QTC
Entries 5.299296e+07
ADC
QT Input Channel

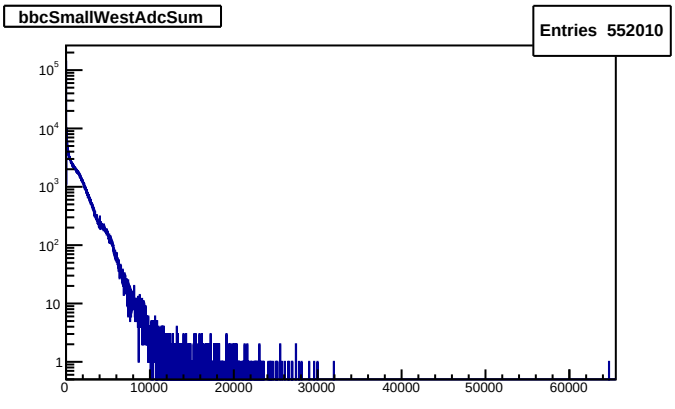

EQ3 QTC
Entries 5.299296e+07
TADC
QT Input Channel

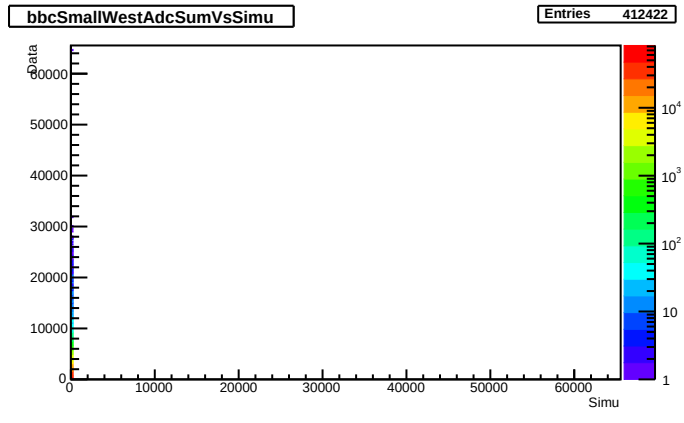

bbcSmallEastAdcSum
Entries 552010

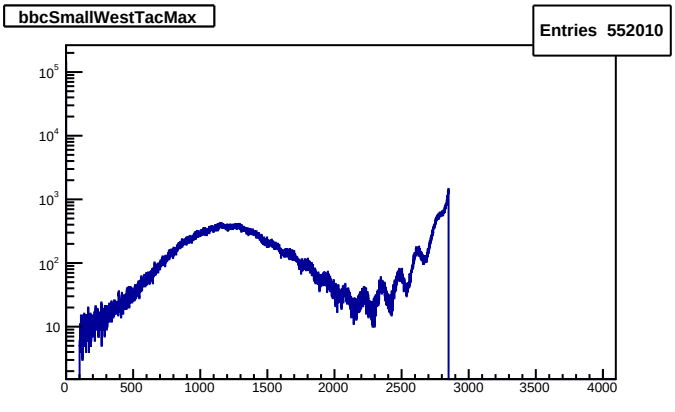

bbcSmallEastAdcSumVsSimu
Entries 434905
Data
Simu

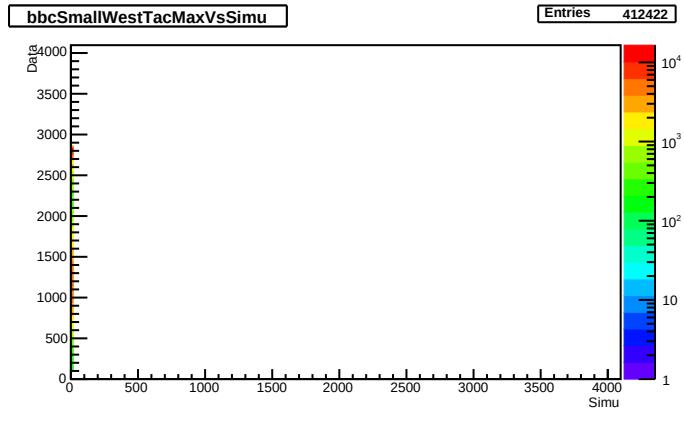

bbcSmallEastTacMax
Entries 552010

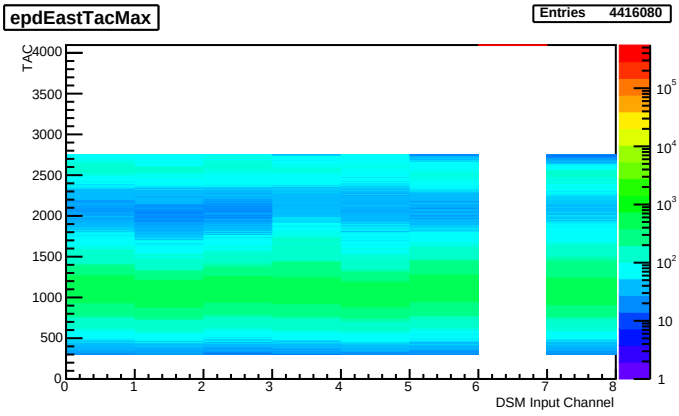

bbcSmallEastTacMaxVsSimu
Entries 434905
Data
Simu

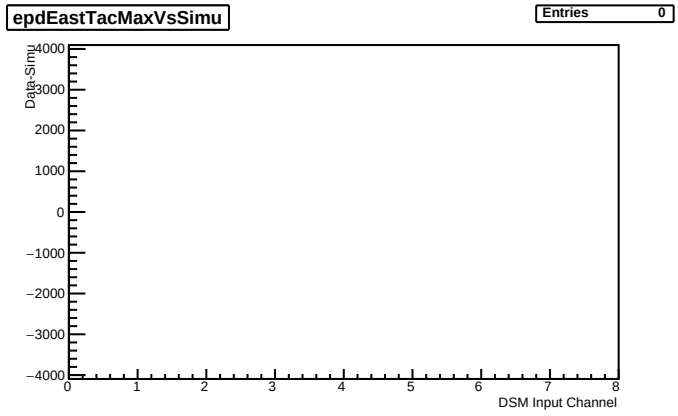

bbcSmallWestAdcSum
Entries 552010

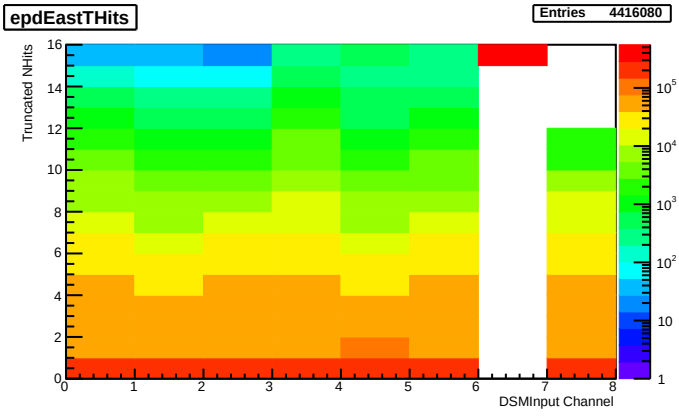

bbcSmallWestAdcSumVsSimu
Entries 412422
Data
Simu

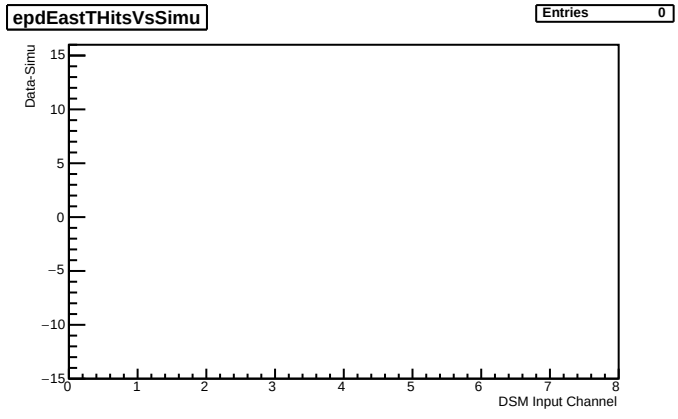

bbcSmallWestTacMax
Entries 552010

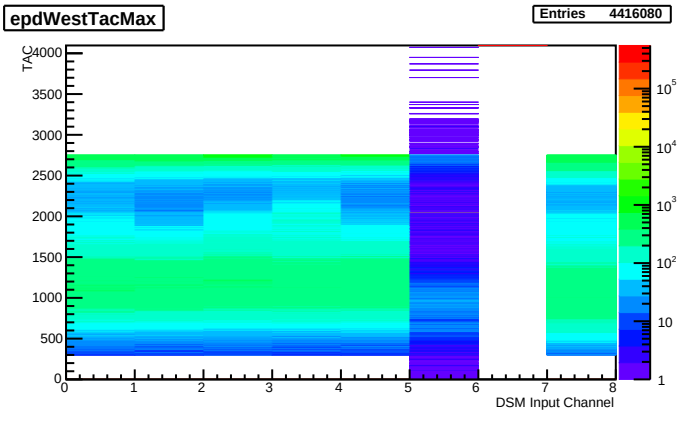

bbcSmallWestTacMaxVsSimu
Entries 412422
Data
Simu

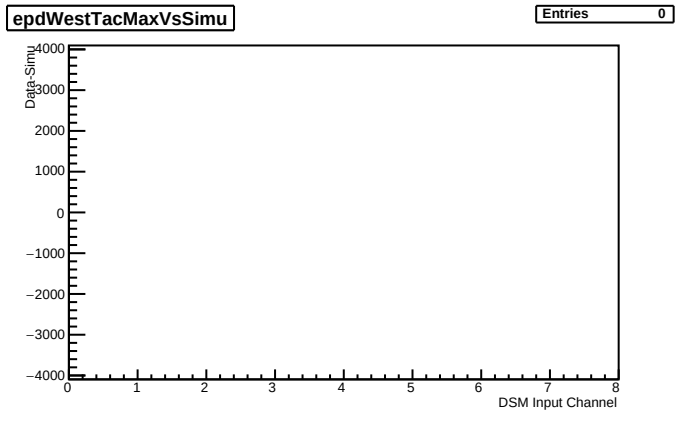

epdEastTacMax
Entries 4416080
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4416080
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4416080
TAC
DSM Input Channel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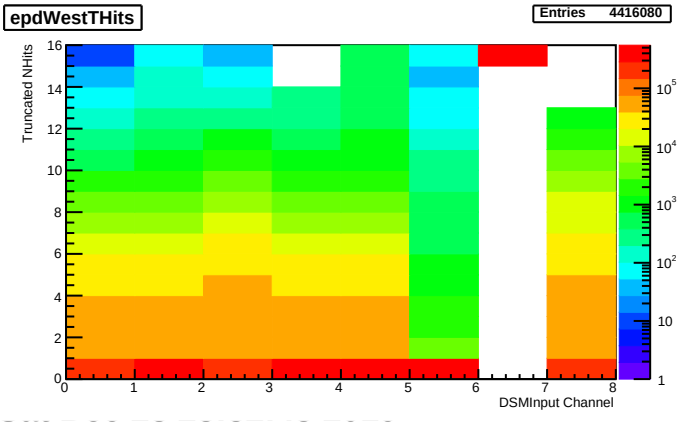
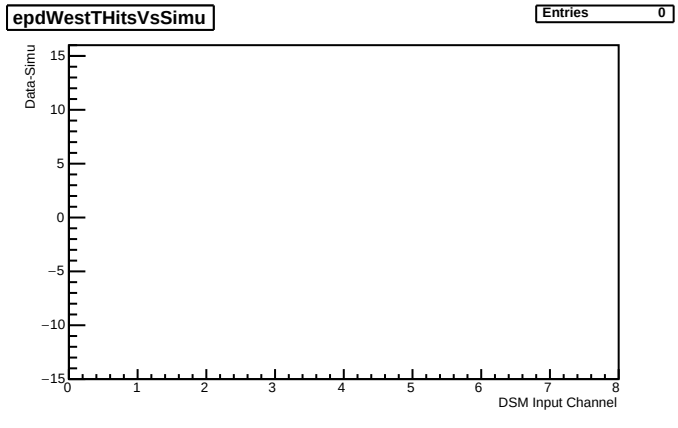
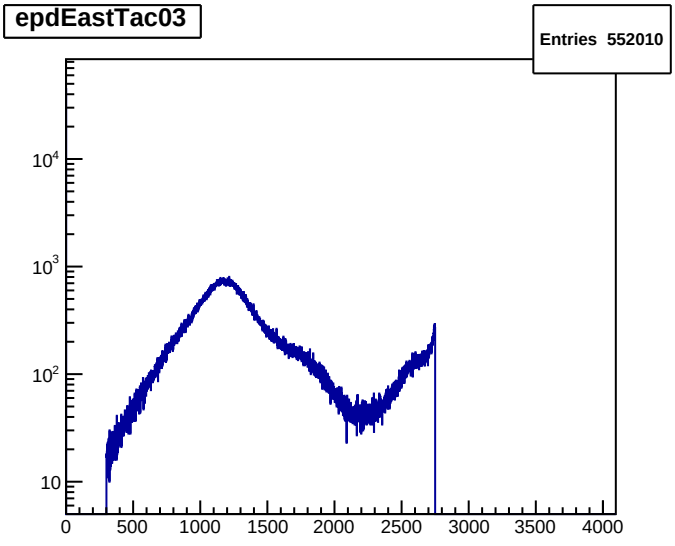
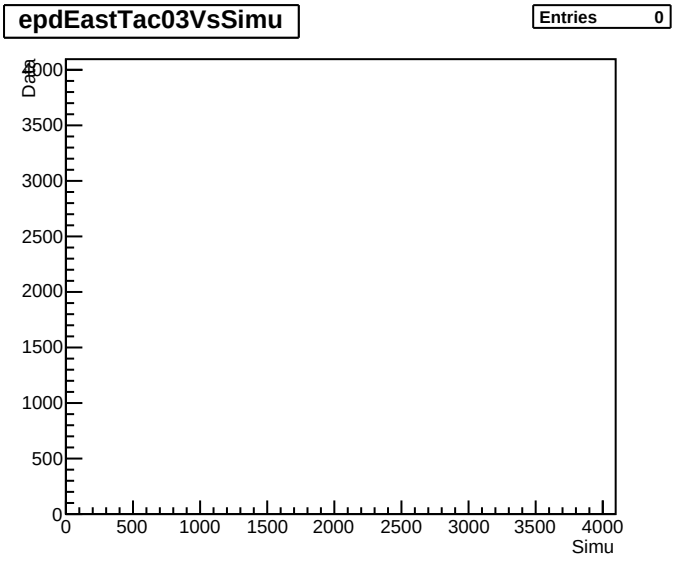
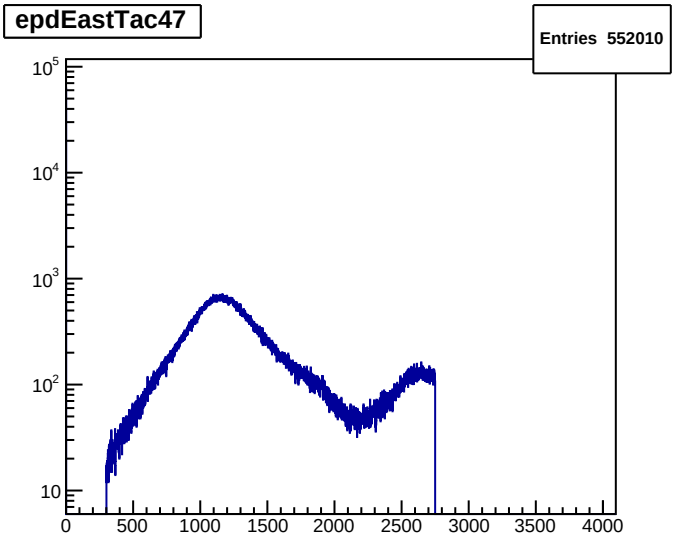
Entries 0
Data-Simu
DSM Input Channel

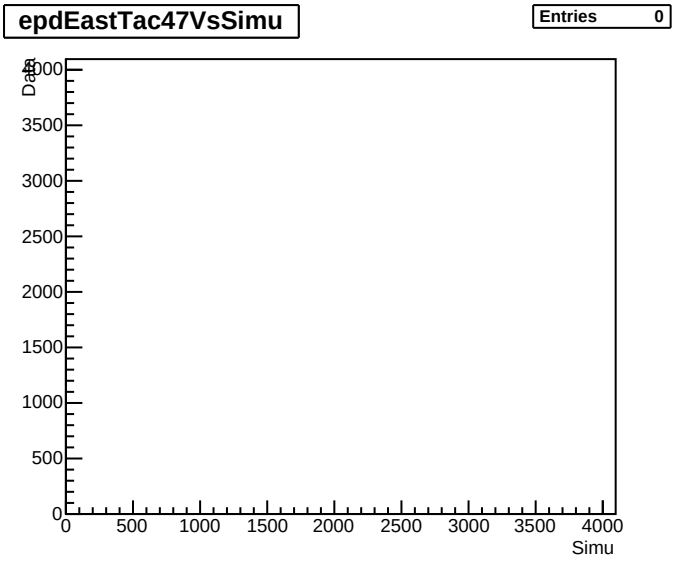

epdWestTHits
Entries 4416080
Truncated NHits
DSMInput Channel

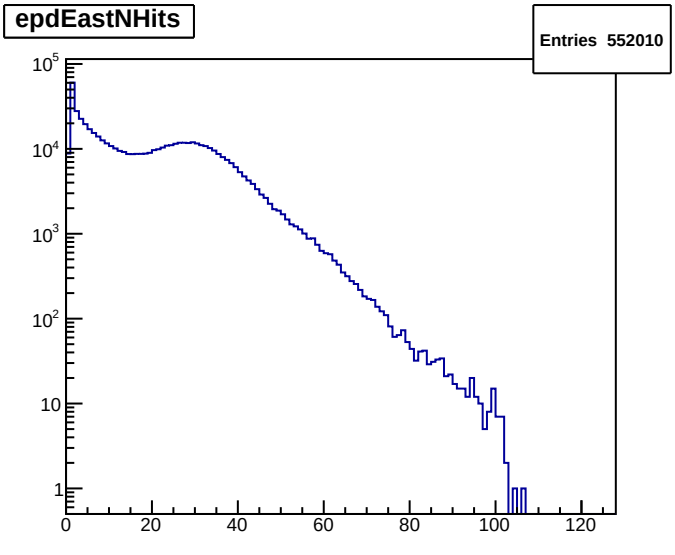

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

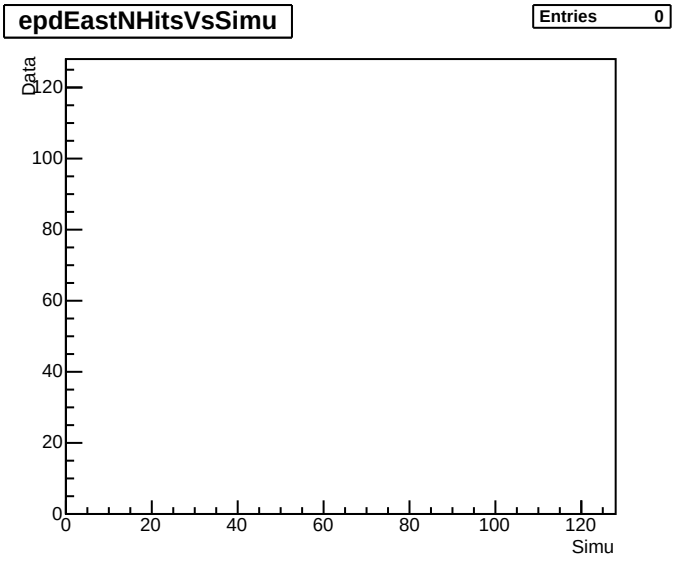

epdEastTac03
Entries 552010


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 552010


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 552010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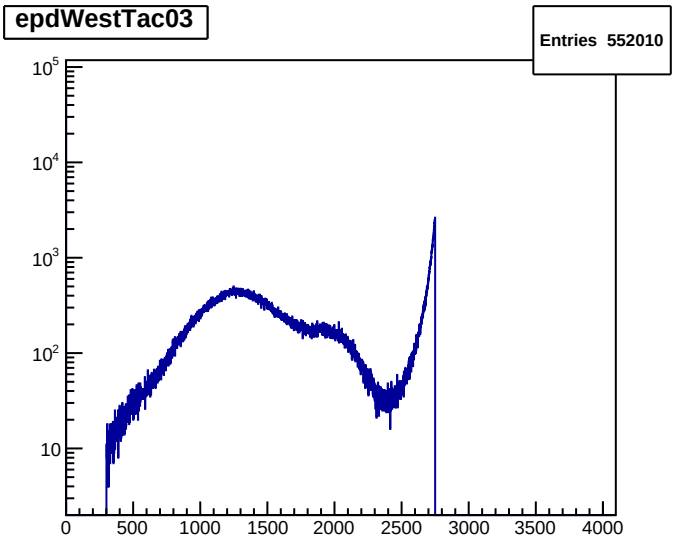
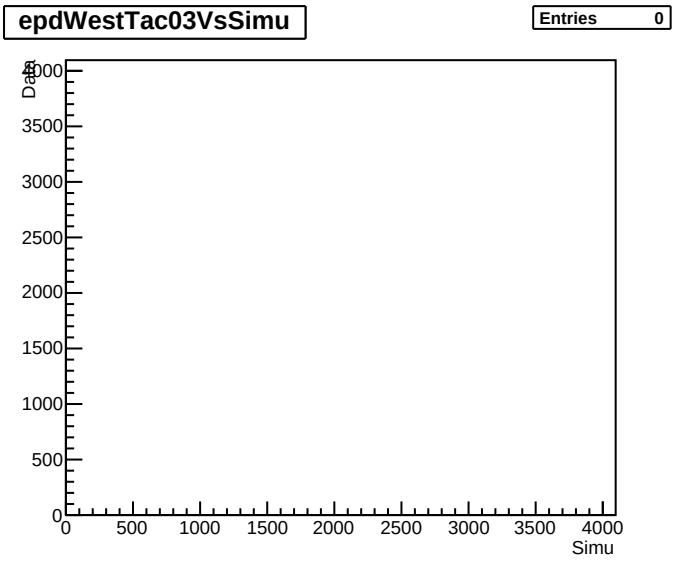
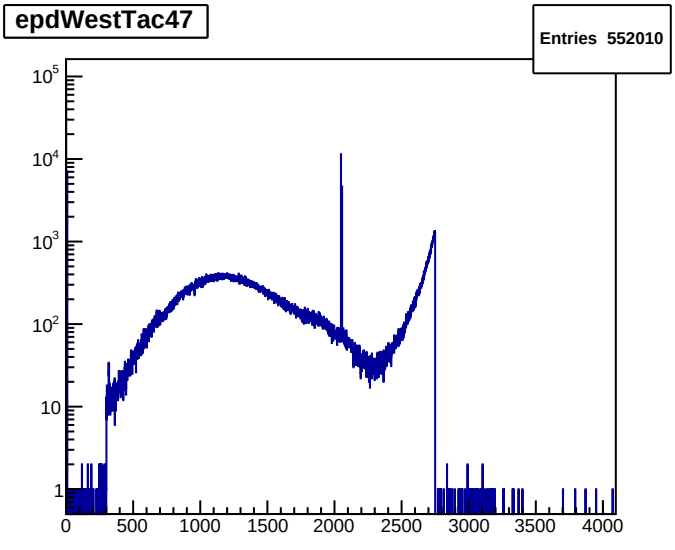
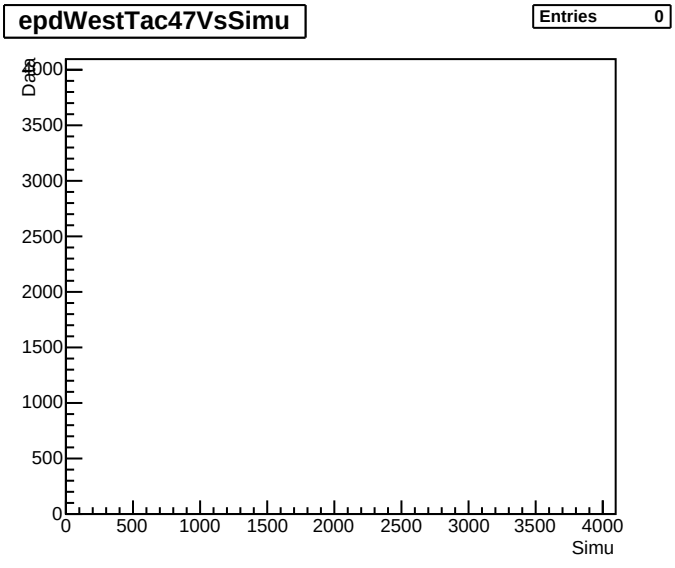
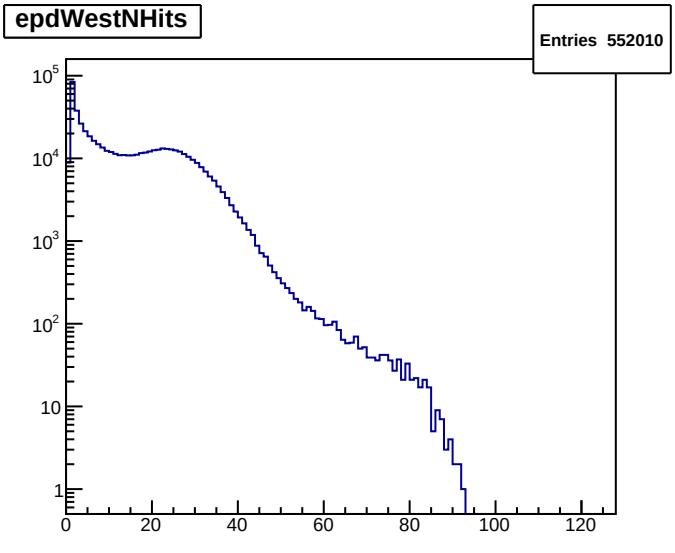
Entries 0
Data
Simu

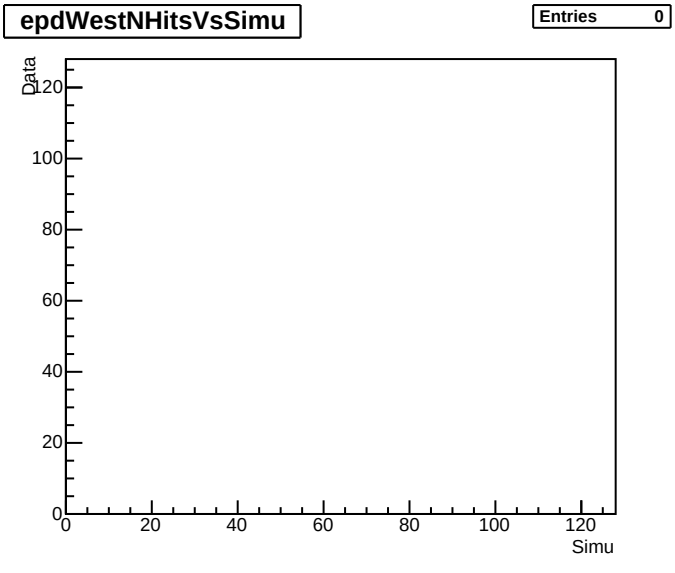

epdWestTac03
Entries 552010

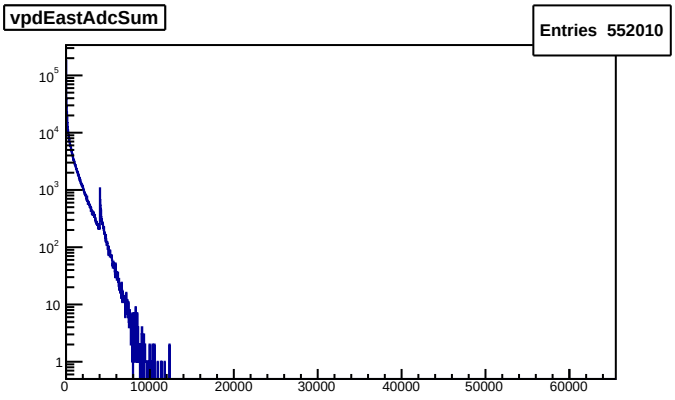

epdWestTac03VsSimu
Entries 0
Data
Simu

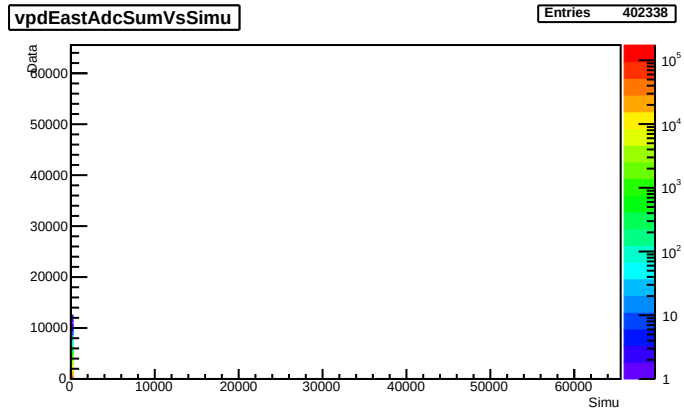

epdWestTac47
Entries 552010

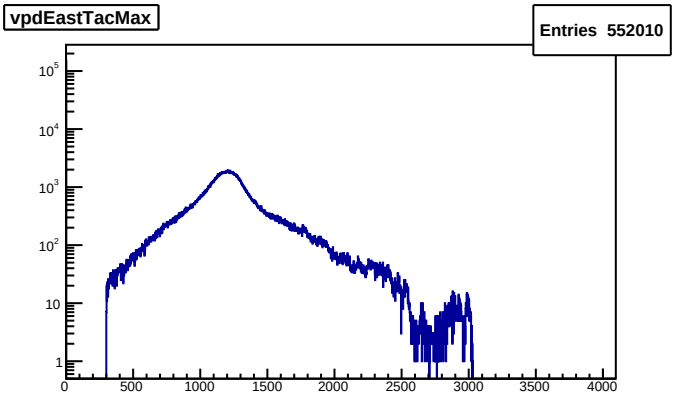

epdWestTac47VsSimu
Entries 0
Data
Simu

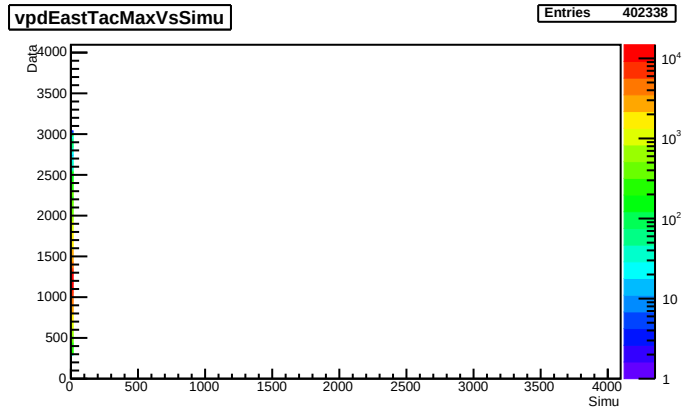

epdWestNHits
Entries 552010

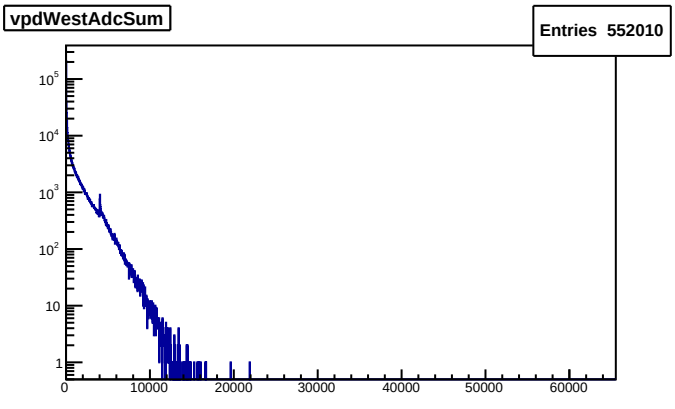

epdWestNHitsVsSimu
Entries 0
Data
Simu

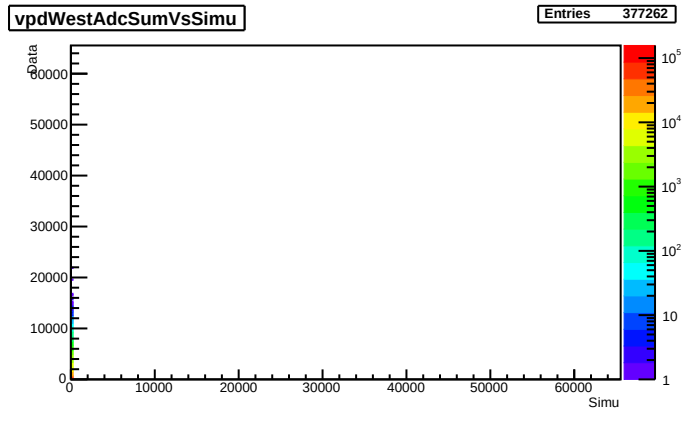

vpdEastAdcSum
Entries 552010

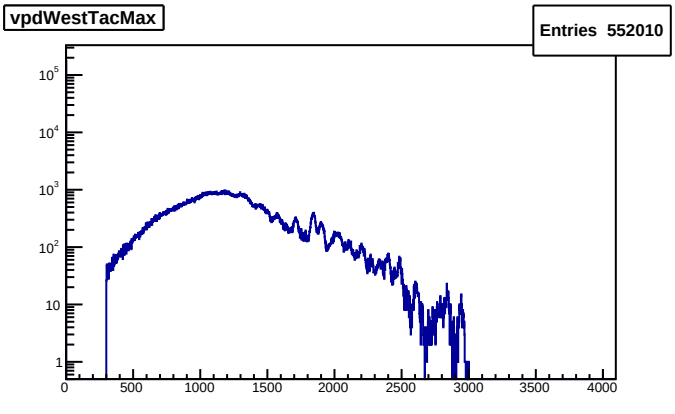

vpdEastAdcSumVsSimu
Entries 402338
Data
Simu

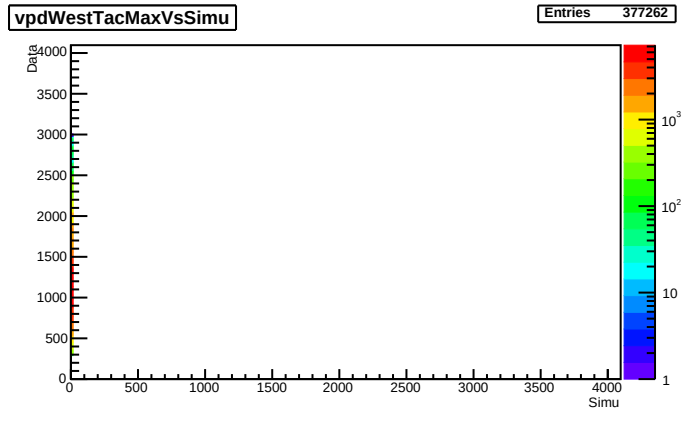

vpdEastTacMax
Entries 552010

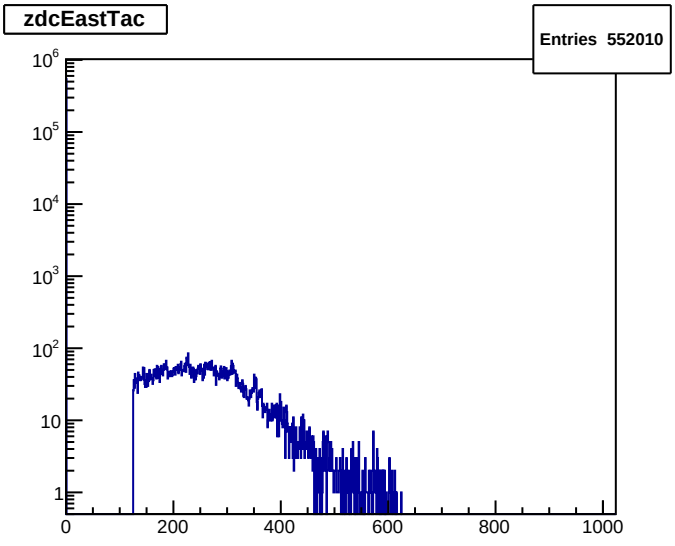

vpdEastTacMaxVsSimu
Entries 402338
Data
Simu

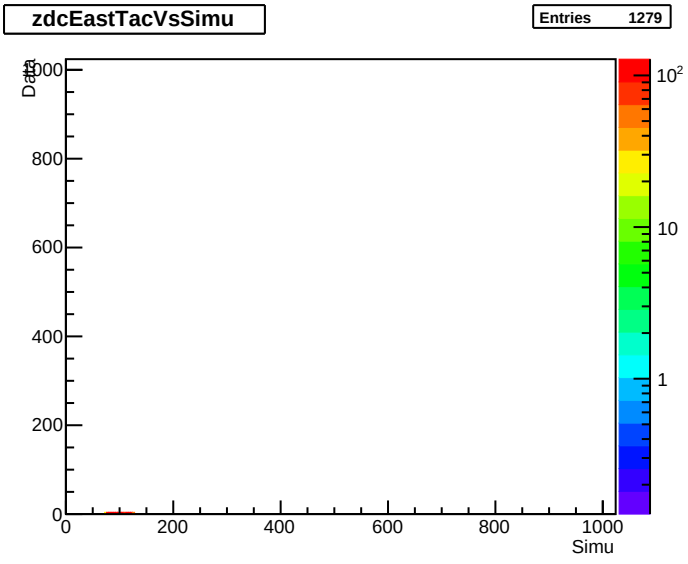

vpdWestAdcSum
Entries 552010

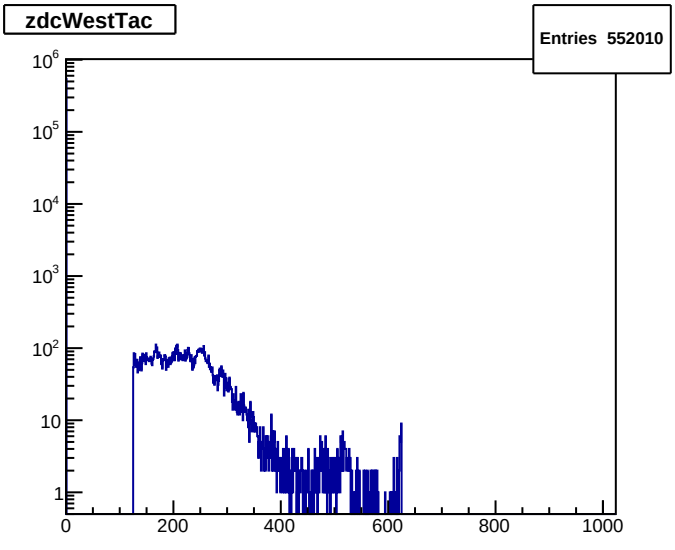

vpdWestAdcSumVsSimu
Entries 377262
Data
Simu

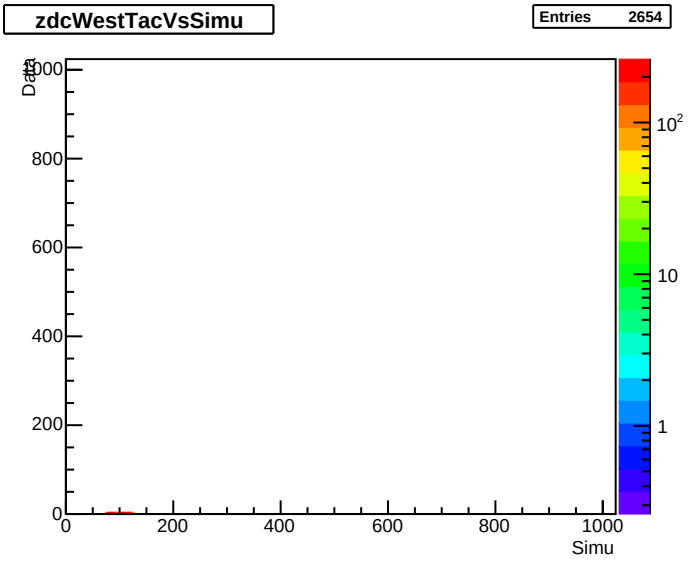

vpdWestTacMax
Entries 552010

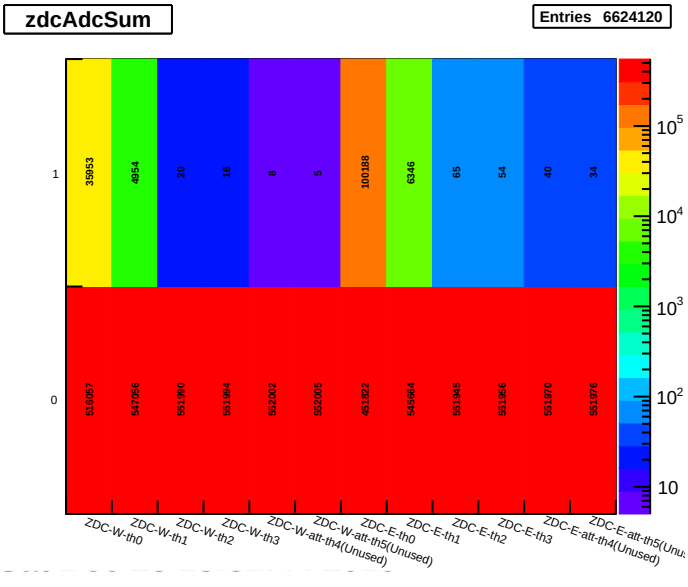

vpdWestTacMaxVsSimu
Entries 377262
Data
Simu

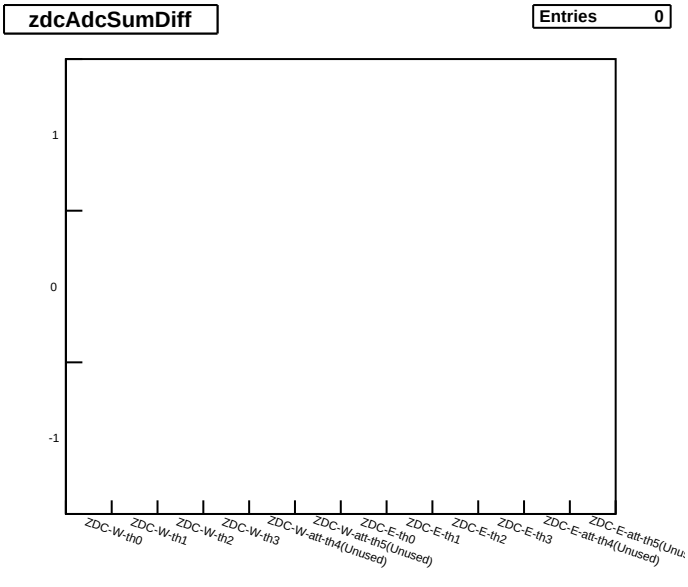

zdcEastTac
Entries 552010

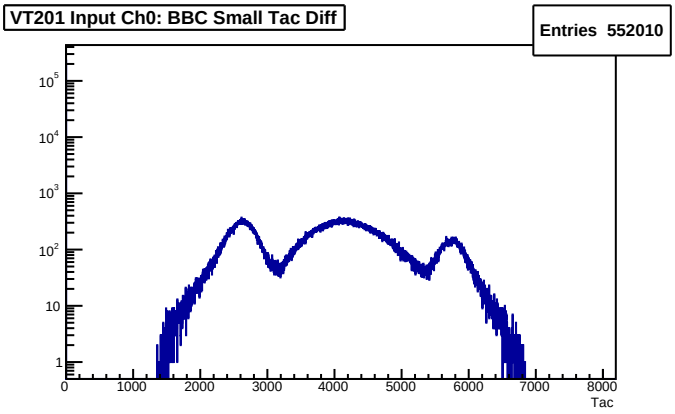

zdcEastTacVsSimu
Entries 1279
Data
Simu

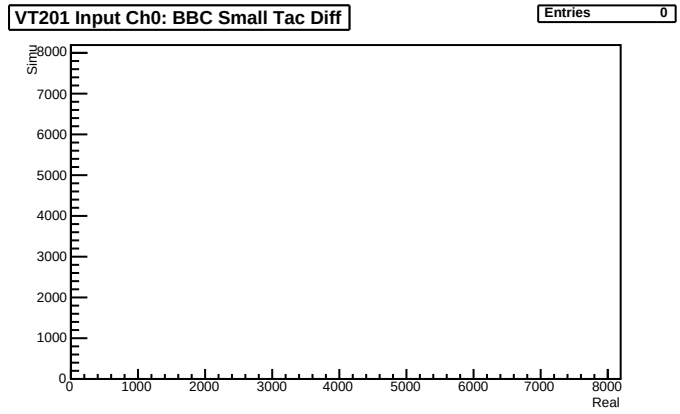

zdcWestTac
Entries 552010

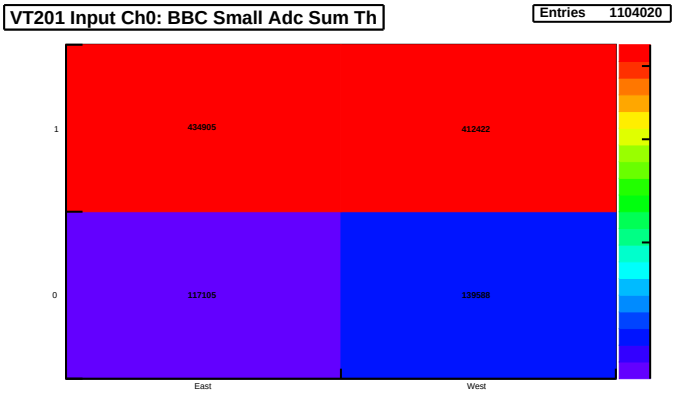

zdcWestTacVsSimu
Entries 2654
Data
Simu

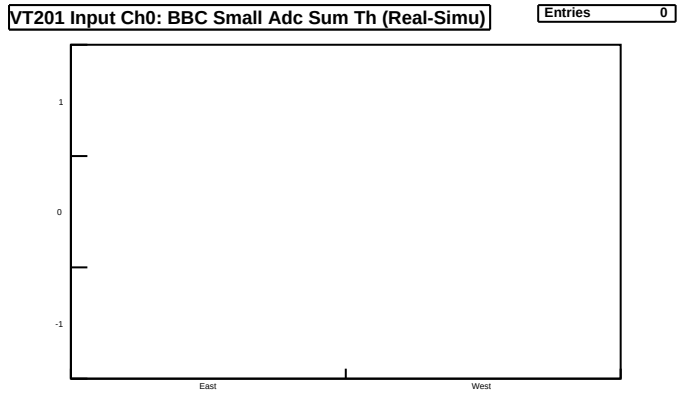

zdcAdcSum
Entries 6624120
35953
4954
20
16
8
5
100188
6346
65
54
40
34
516057
547056
551990
551994
552002
552005
451822
545664
551945
551956
551970
551976
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

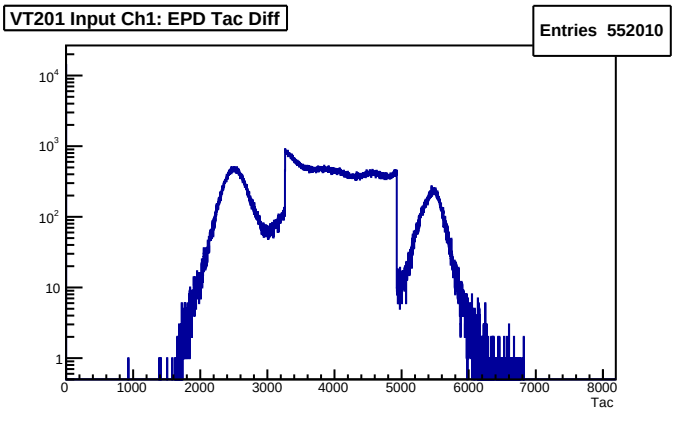

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

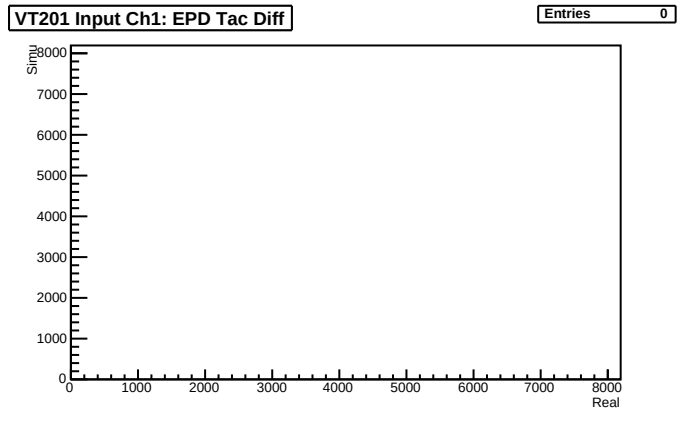

VT201 Input Ch0: BBC Small Tac Diff
Entries 552010
Tac

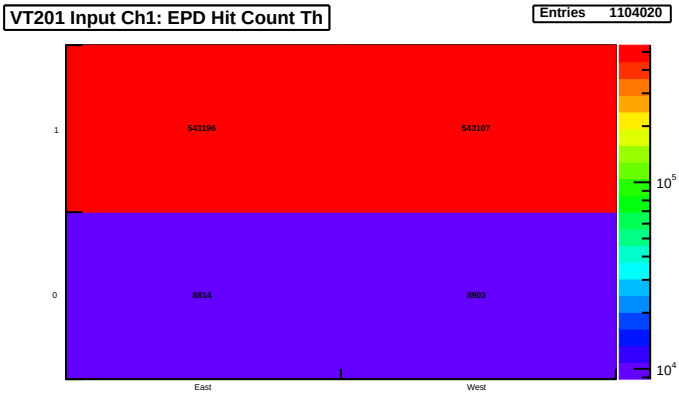

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

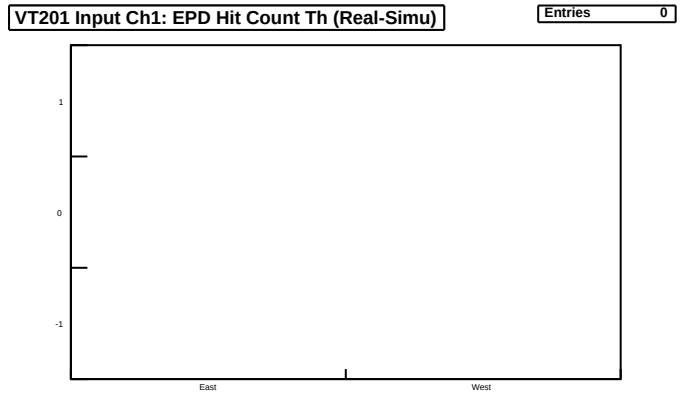

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1104020
434905
412422
117105
139588
East
West

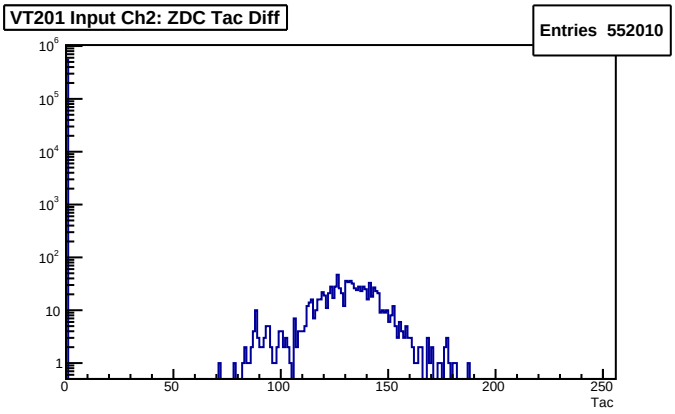

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

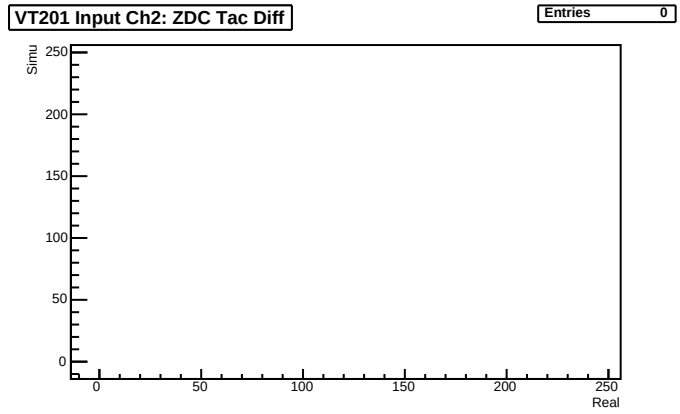

VT201 Input Ch1: EPD Tac Diff
Entries 552010
Tac

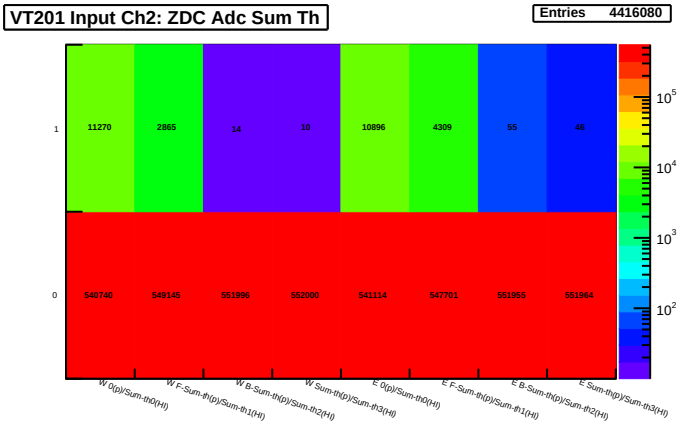

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

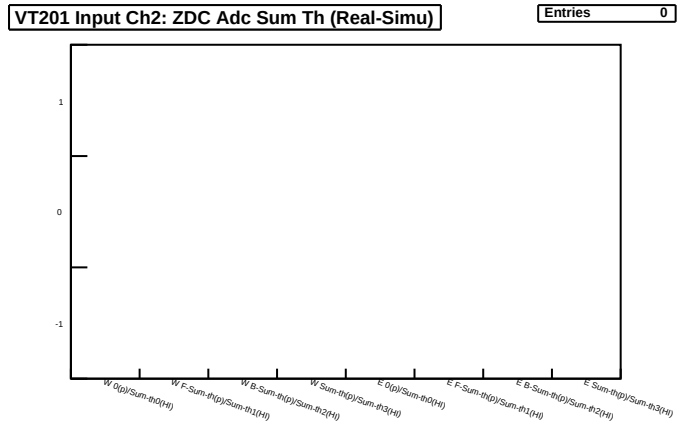

VT201 Input Ch1: EPD Hit Count Th
Entries 1104020
543196
543107
8814
8903
East
West

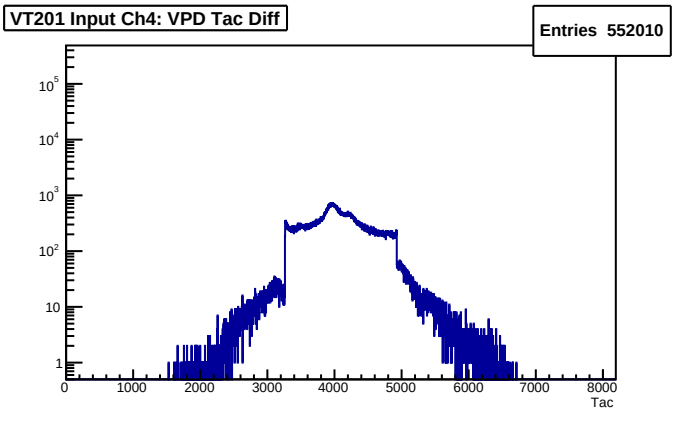

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

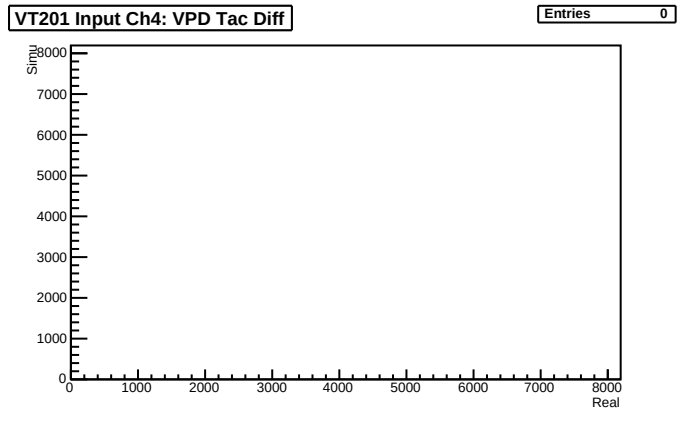

VT201 Input Ch2: ZDC Tac Diff
Entries 552010
Tac

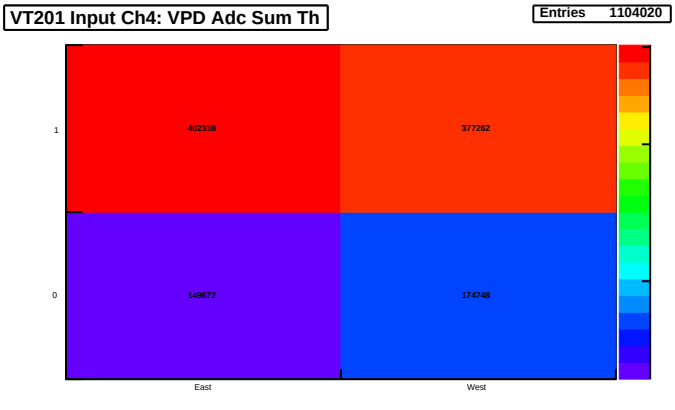

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

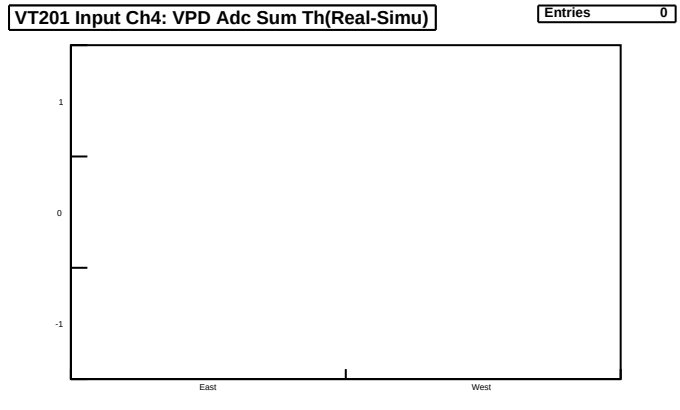

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4416080
11270
2865
14
10
10896
4309
55
46
540740
549145
551996
552000
541114
547701
551955
551964
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

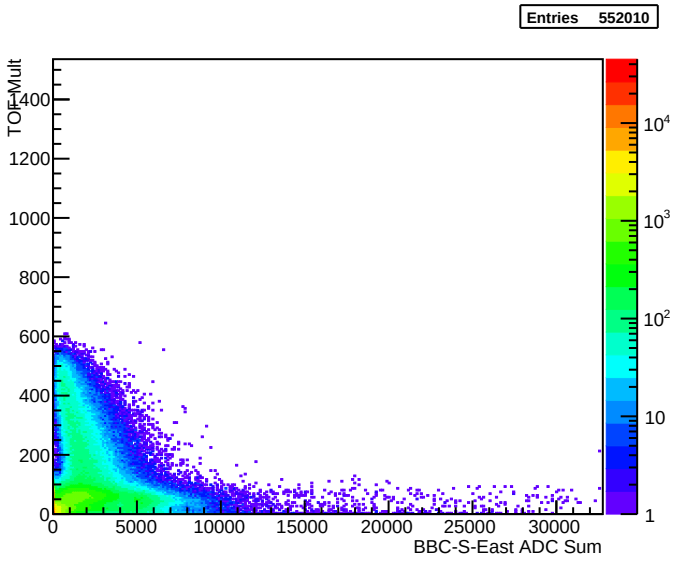

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

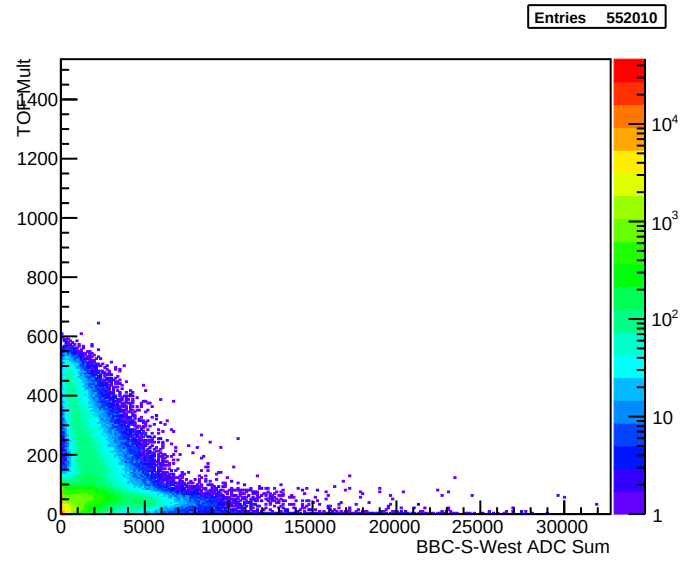

VT201 Input Ch4: VPD Tac Diff
Entries 552010
Tac

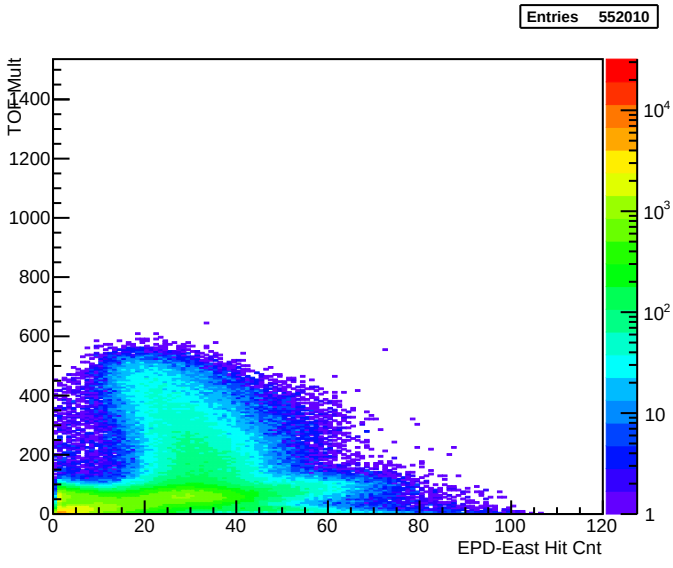

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

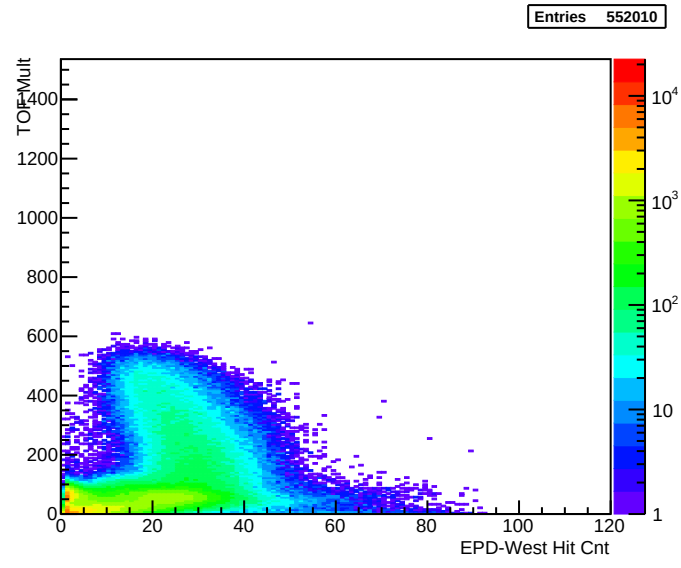

VT201 Input Ch4: VPD Adc Sum Th
Entries 1104020
402338
377262
149672
174748
East
West

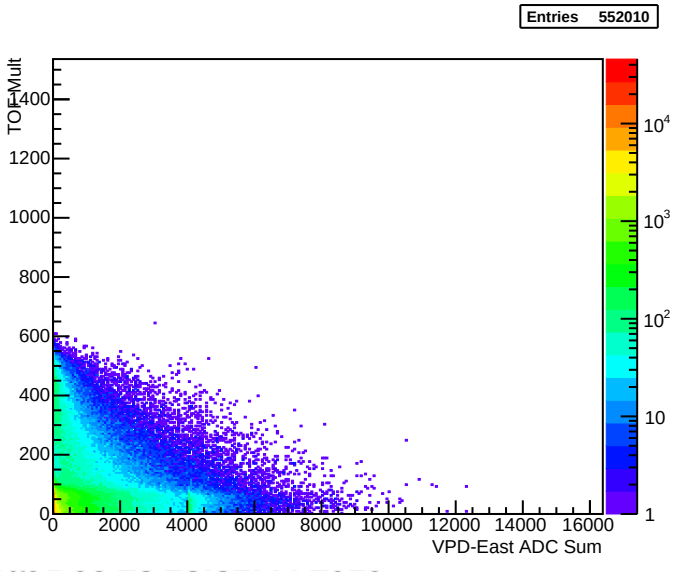

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

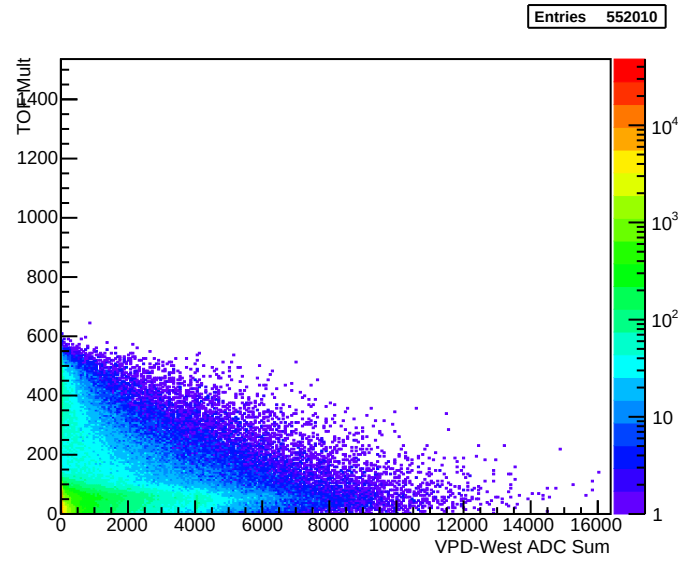

Entries 552010
TOF-Mult
BBC-S-East ADC Sum

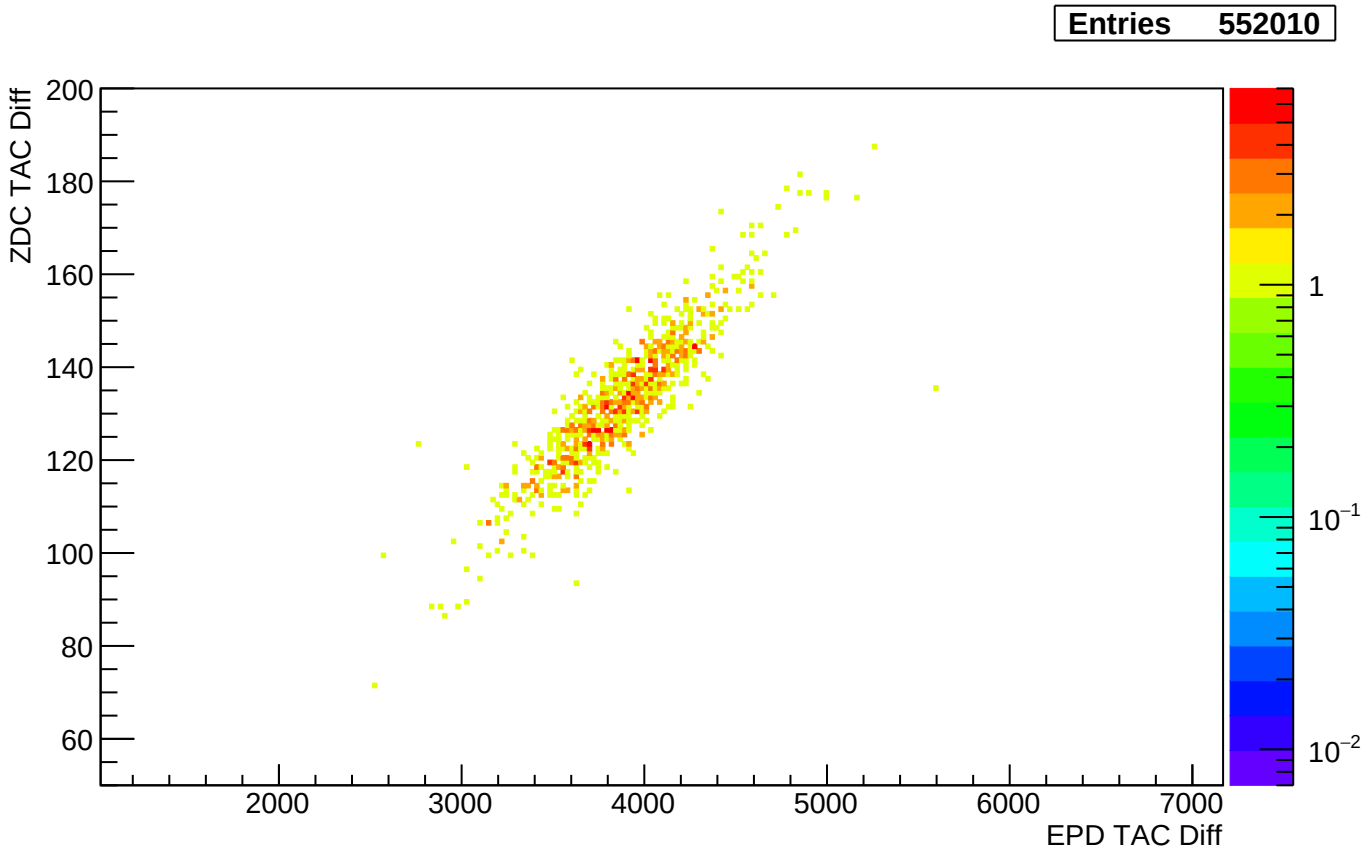

Entries 552010
TOF-Mult
BBC-S-West ADC Sum

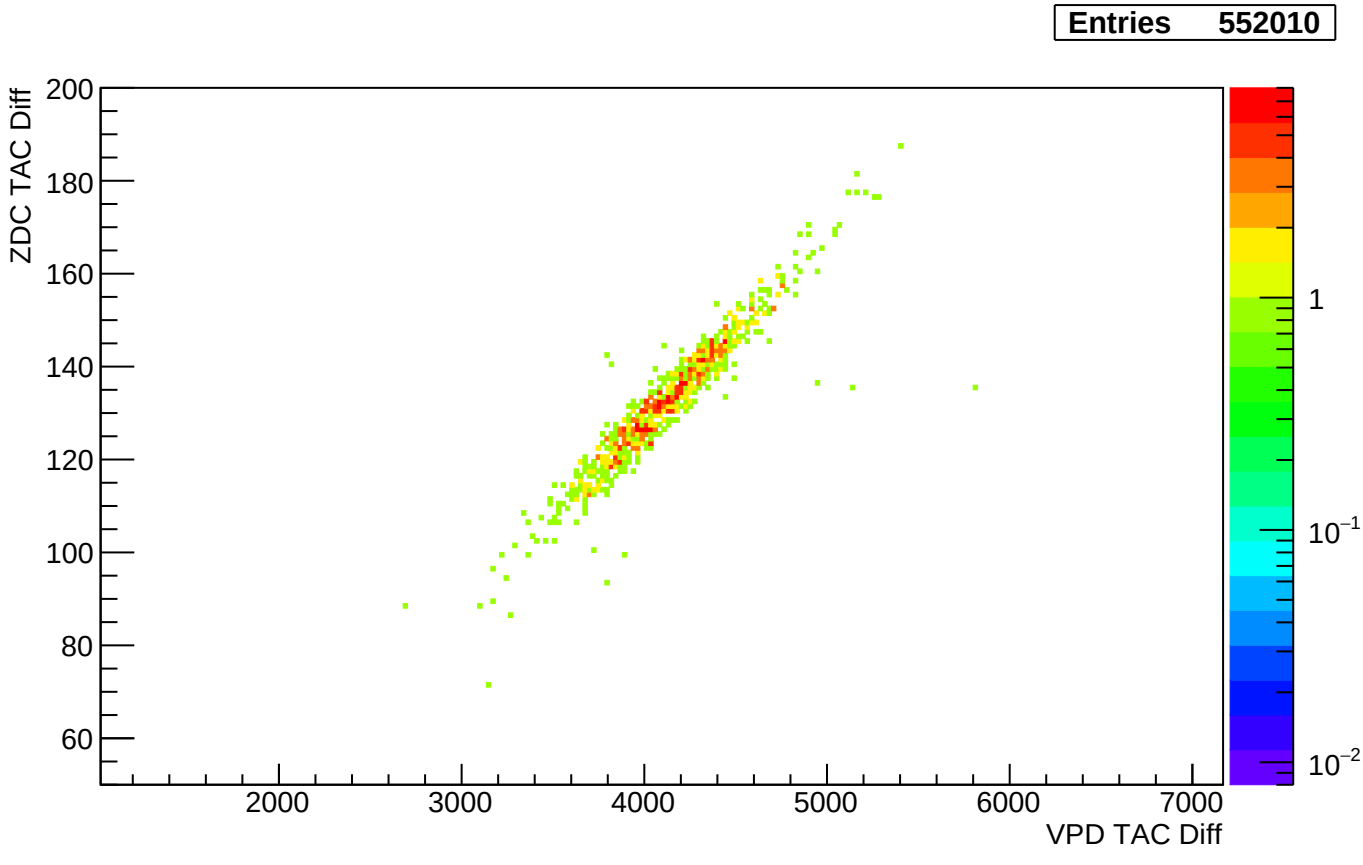

Entries 552010
TOF-Mult
EPD-East Hit Cnt

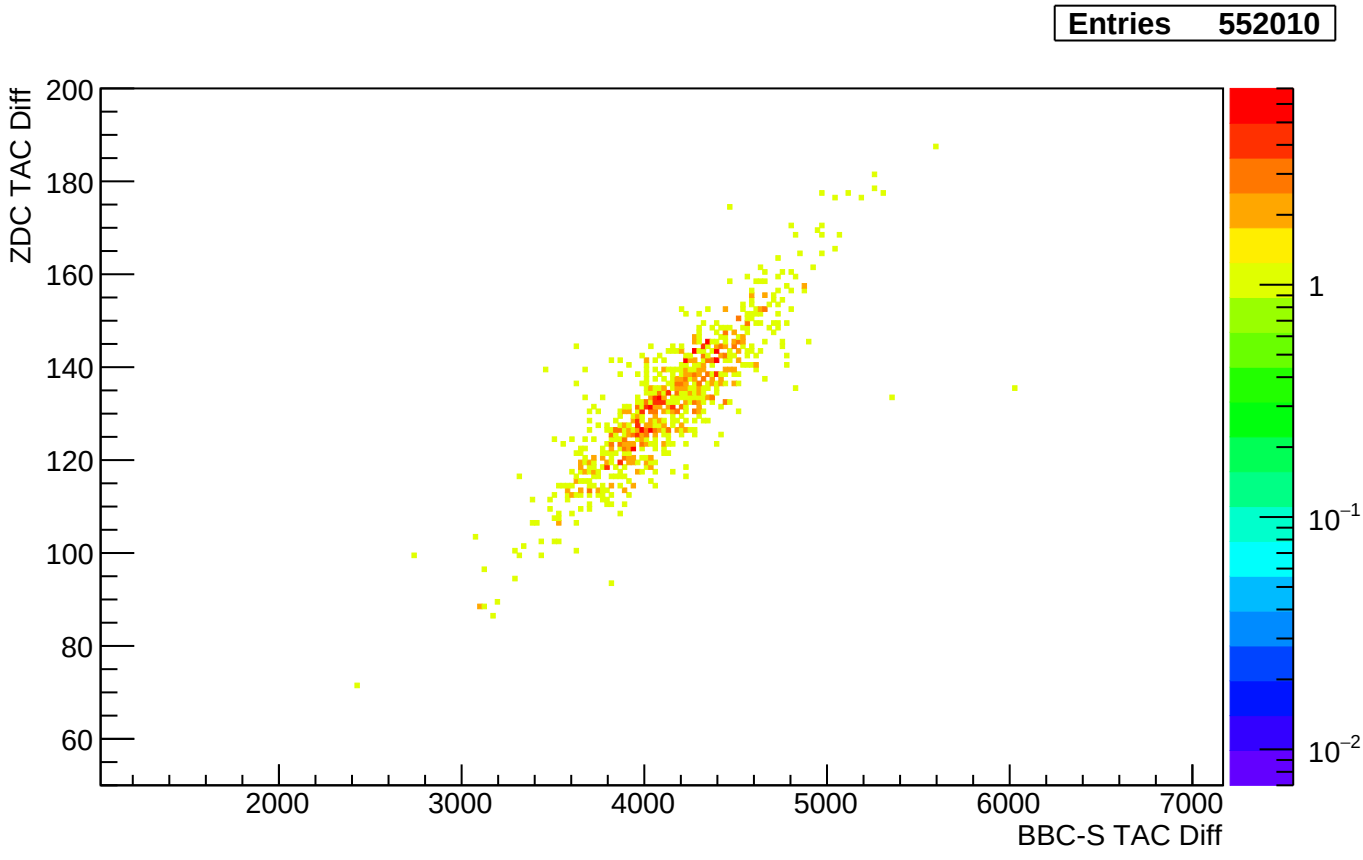

Entries 552010
TOF-Mult
EPD-West Hit Cnt

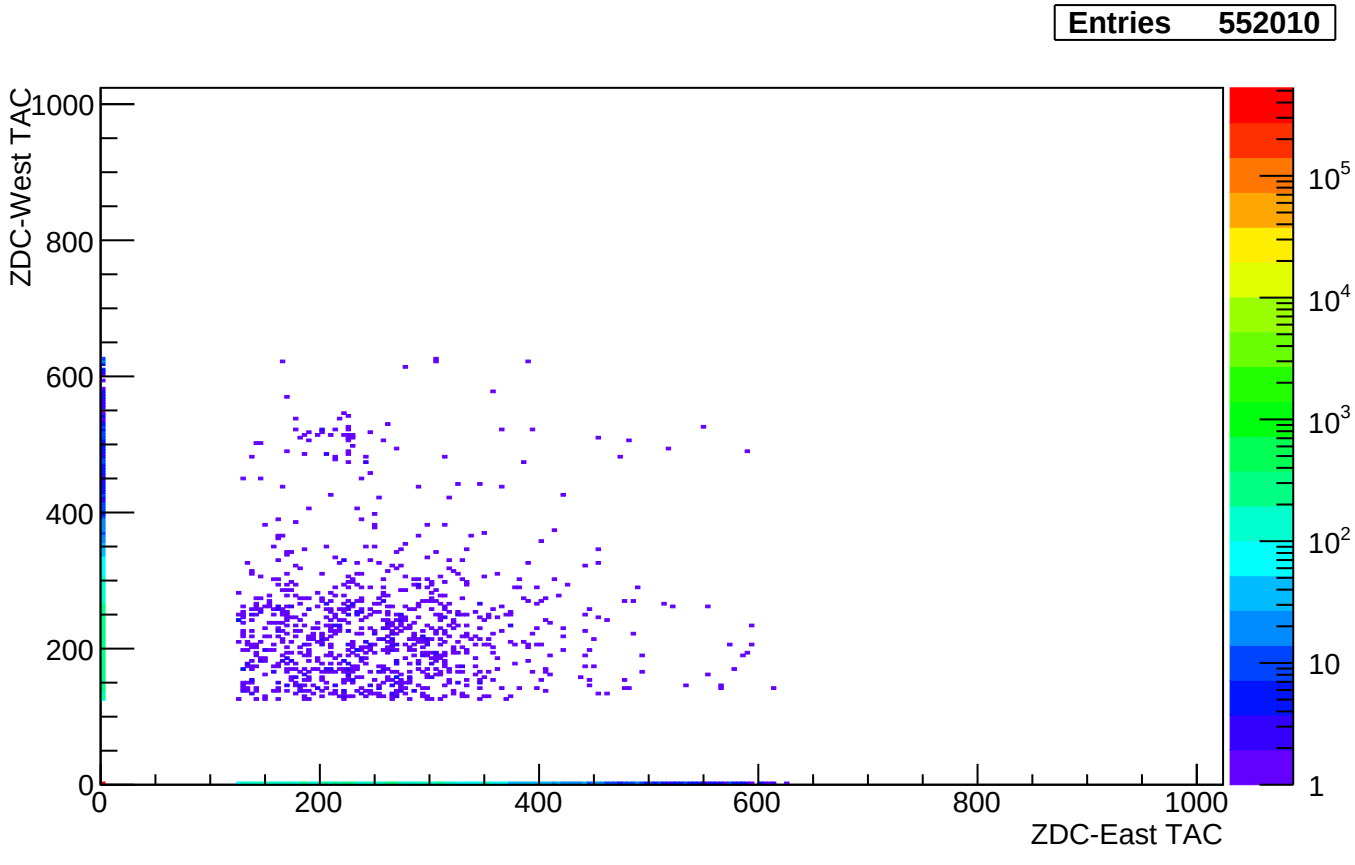

Entries 552010
TOF-Mult
VPD-East ADC Sum

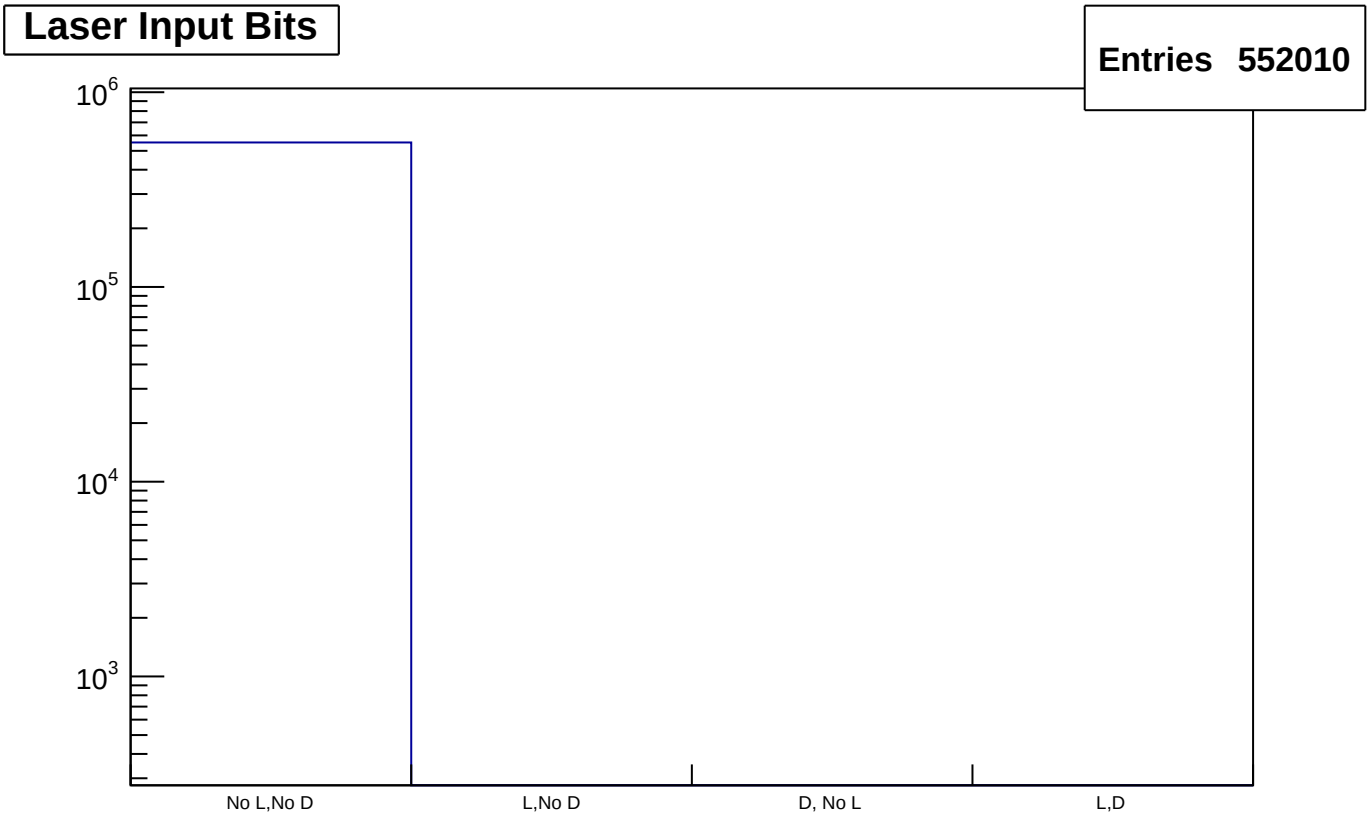

Entries 552010
TOF-Mult
VPD-West ADC Sum

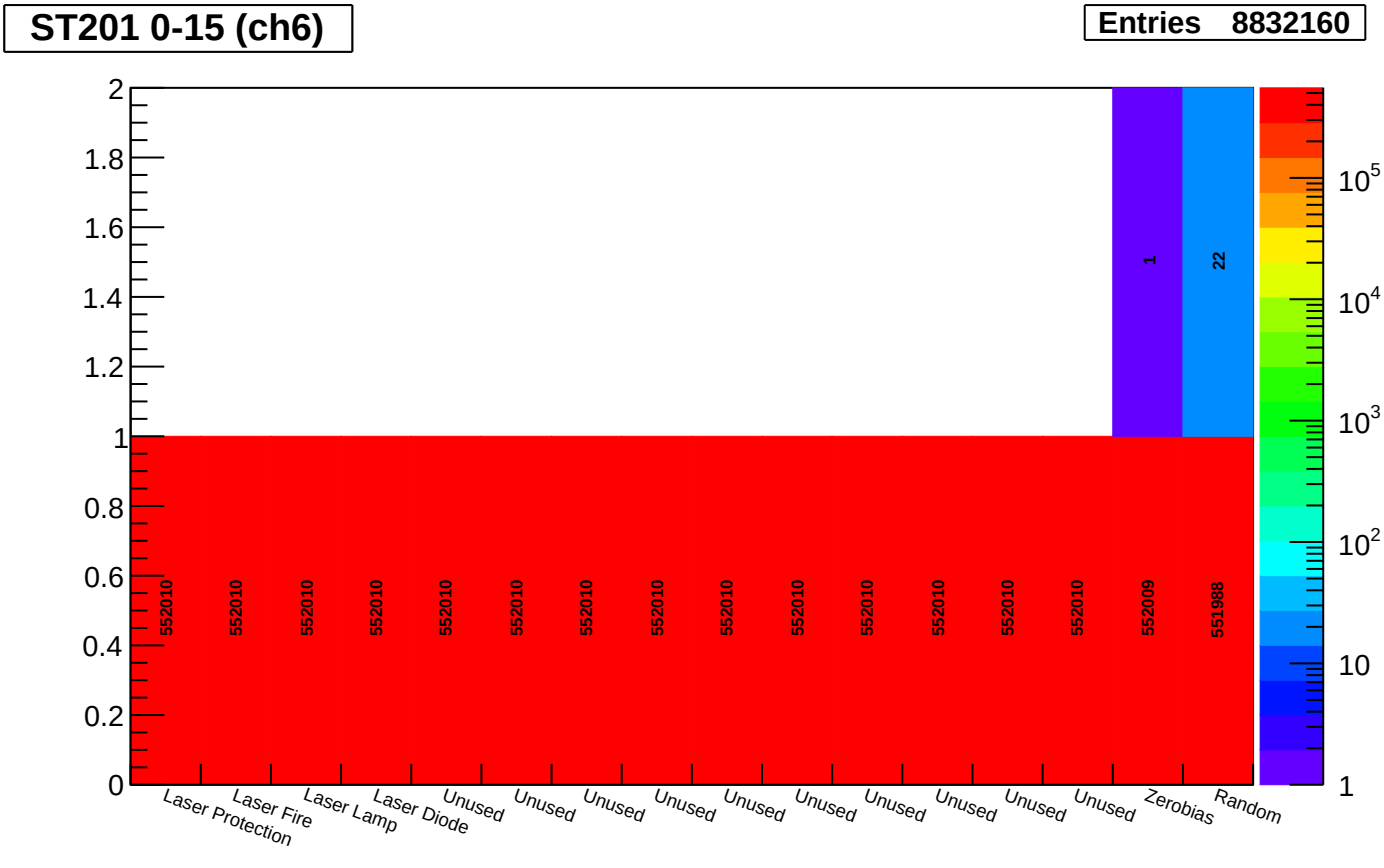

Entries 552010
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

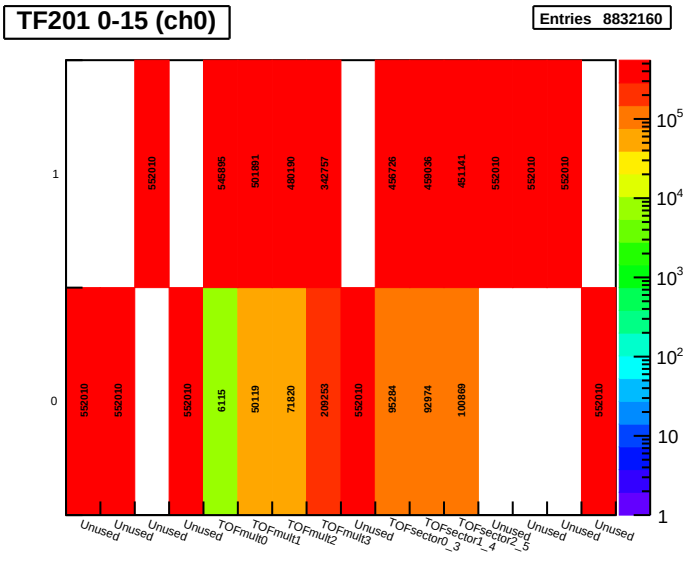

Entries 552010
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

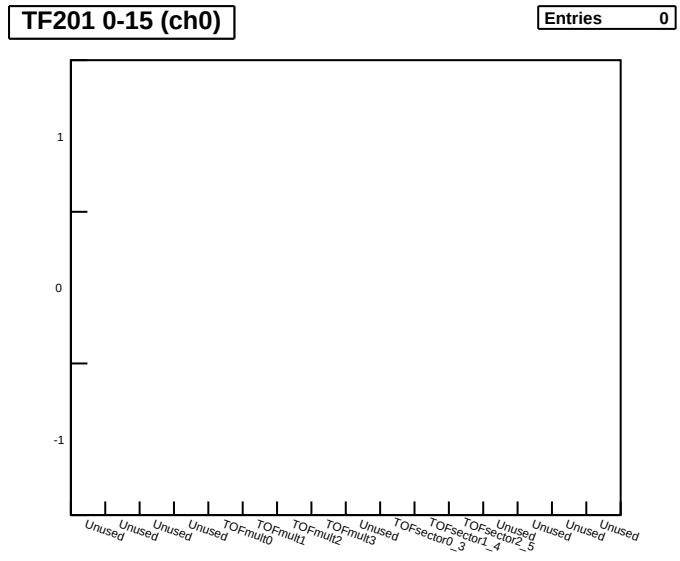

Entries 552010
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

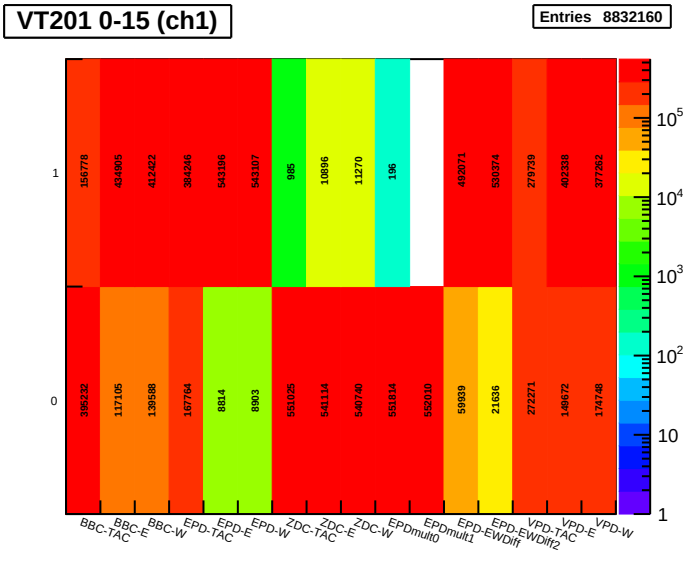

Entries 552010
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

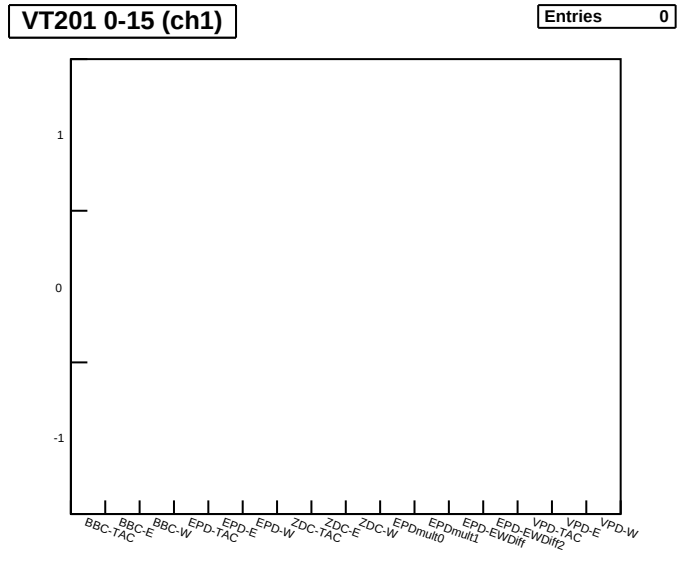

Laser Input Bits
Entries 552010
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

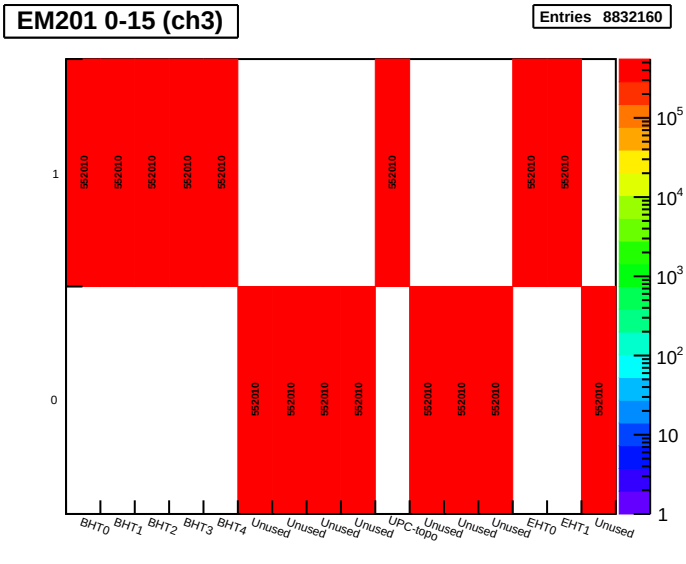

ST201 0-15 (ch6)
Entries 8832160
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552009
551988
1
22
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

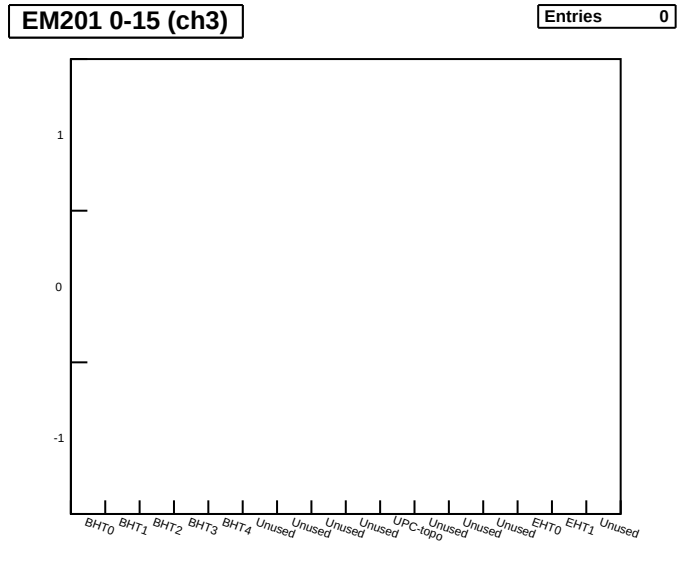

TF201 0-15 (ch0)
Entries 8832160
1
0
552010
545895
501891
480190
342757
456726
459036
451141
552010
552010
552010
552010
552010
6115
50119
71820
209253
552010
95284
92974
100869
552010
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8832160
1
0
156778
434905
412422
384246
543196
543107
985
10896
11270
196
492071
530374
279739
402338
377262
395232
117105
139588
167764
8814
8903
551025
541114
540740
531814
552010
59939
21636
272271
149672
174748
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 8832160
1
0
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
552010
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