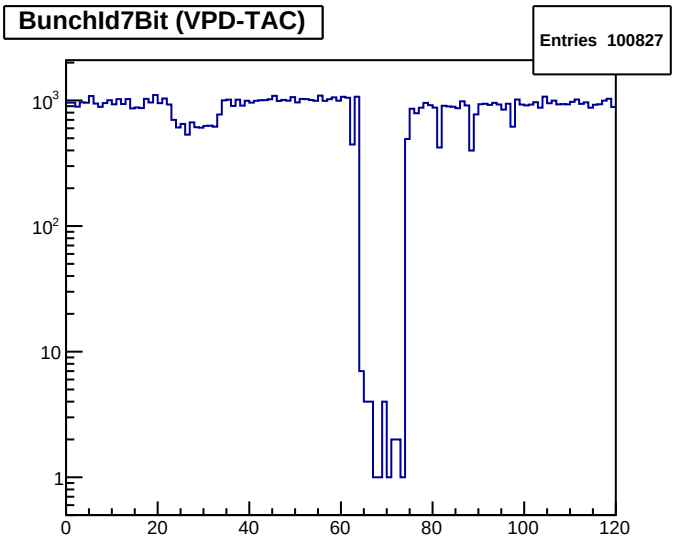
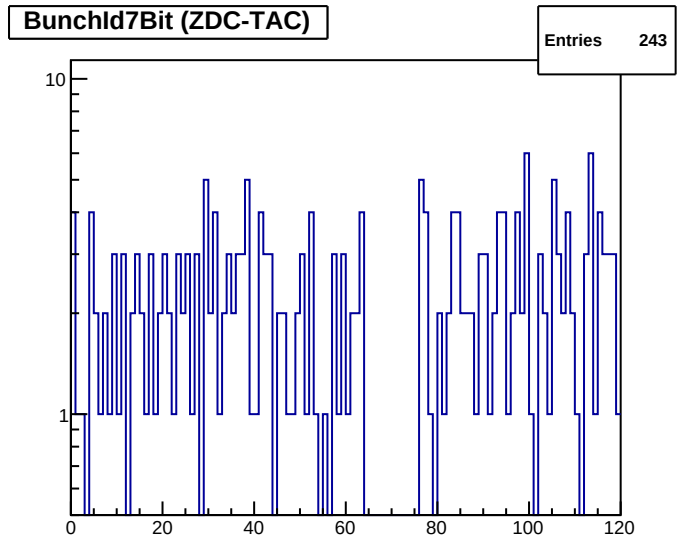
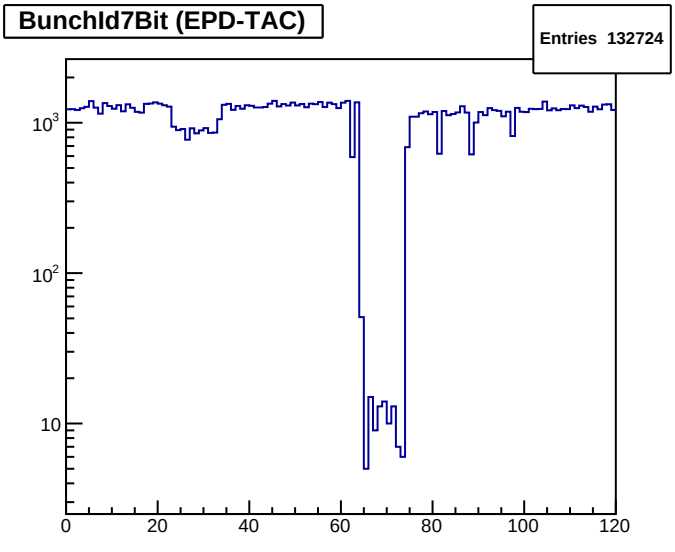
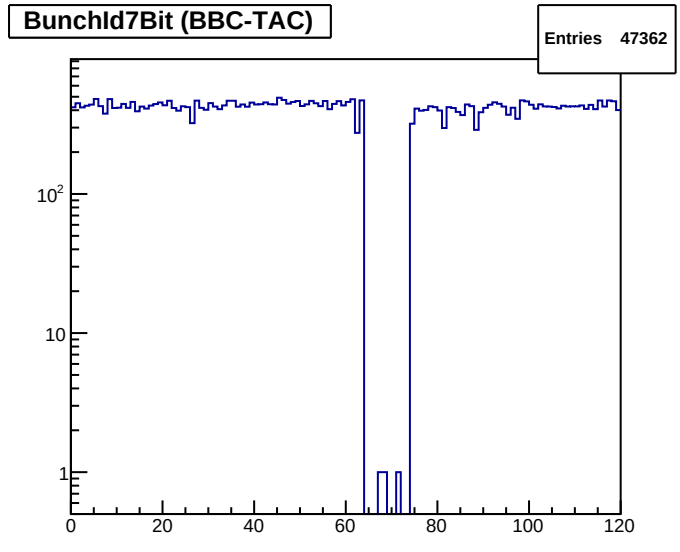
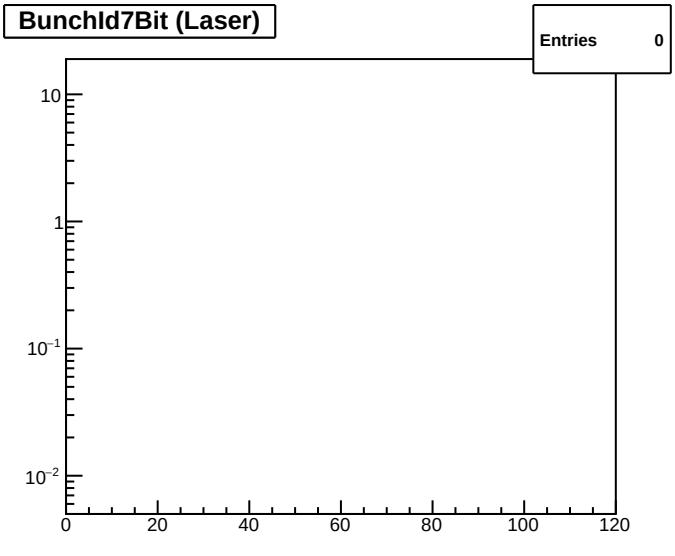
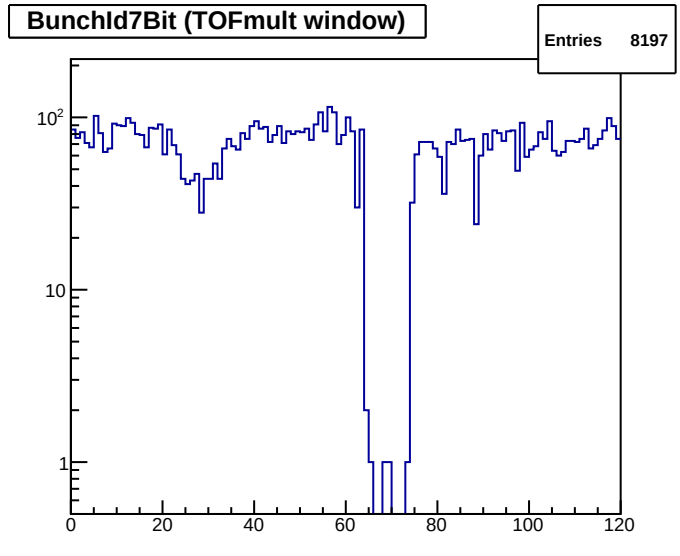

BunchId7Bit (VPD-TAC)
Entries 100827

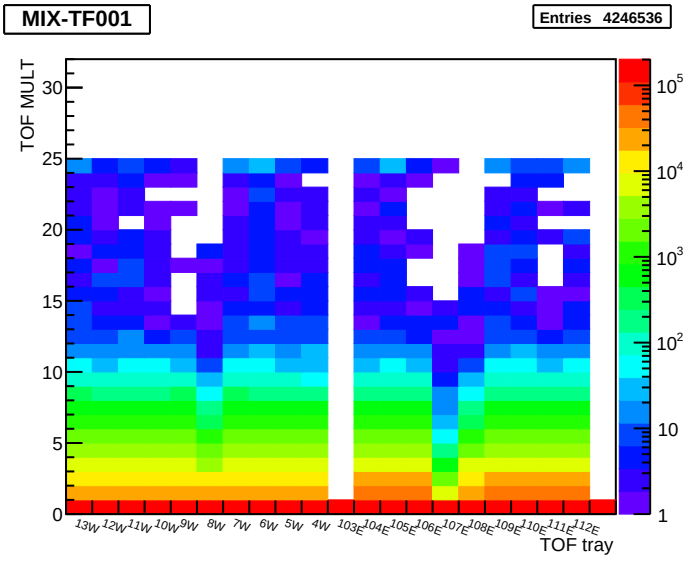

BunchId7Bit (ZDC-TAC)
Entries 243

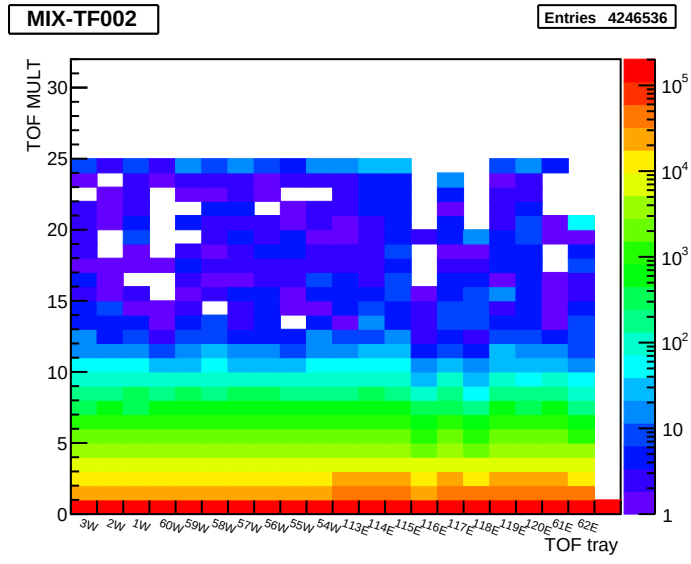

BunchId7Bit (EPD-TAC)
Entries 132724

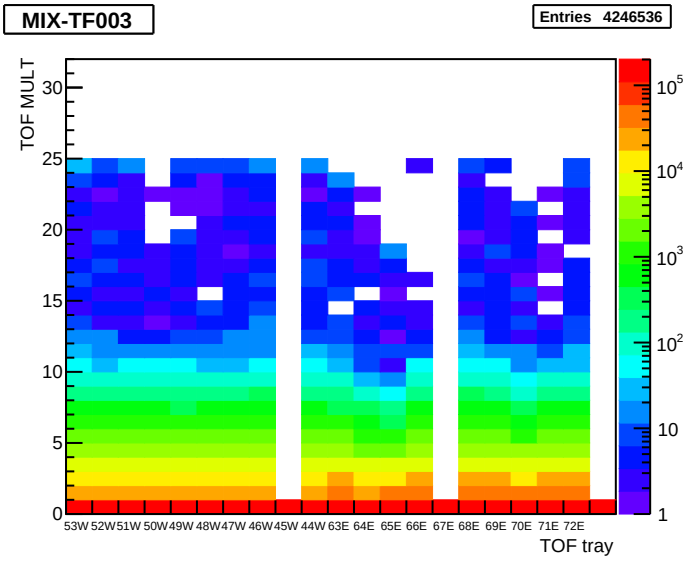

BunchId7Bit (BBC-TAC)
Entries 47362

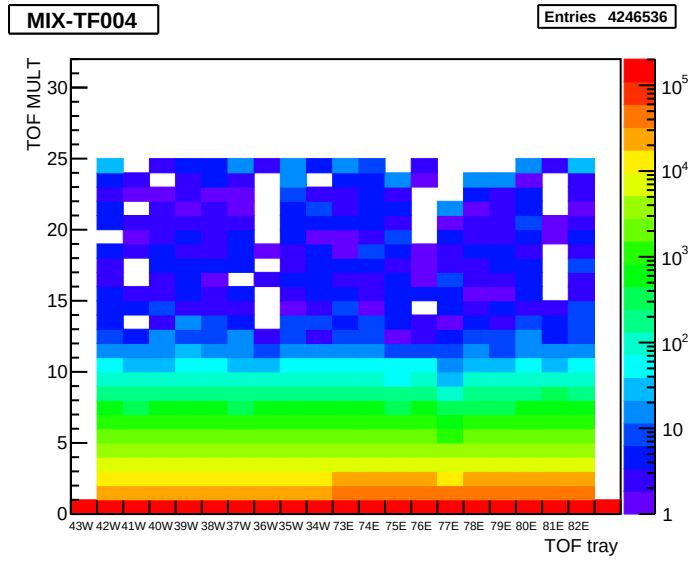

BunchId7Bit (Laser)
Entries 0

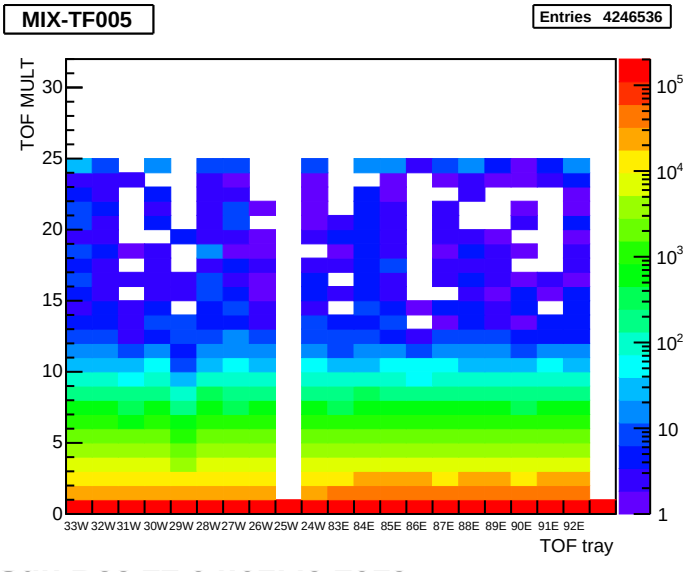

BunchId7Bit (TOFmult window)
Entries 8197

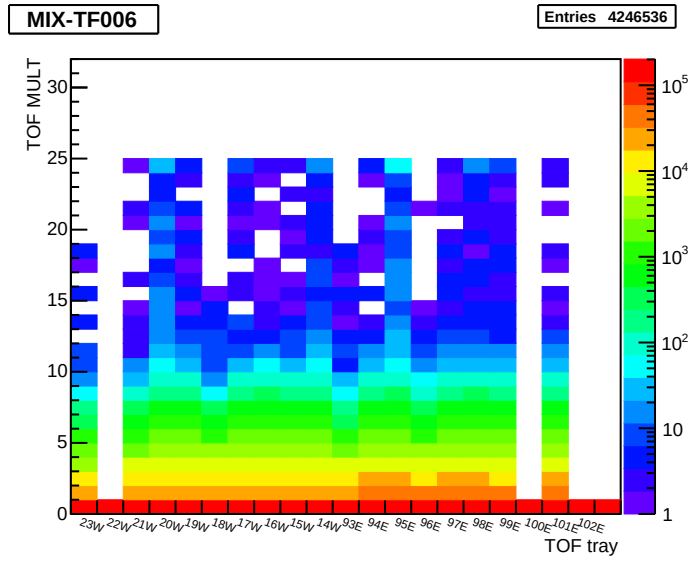

MIX-TF001
Entries 4246536
TOF MULT
TOF tray

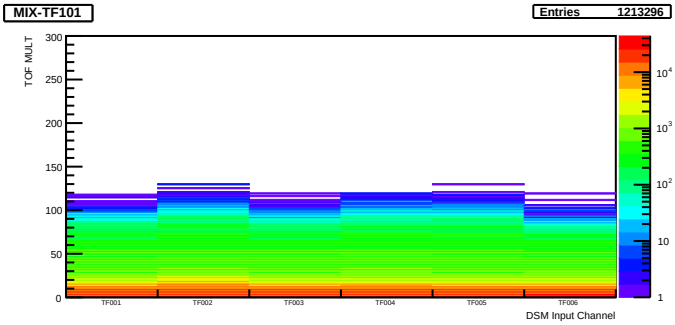

MIX-TF002
Entries 4246536
TOF MULT
TOF tray

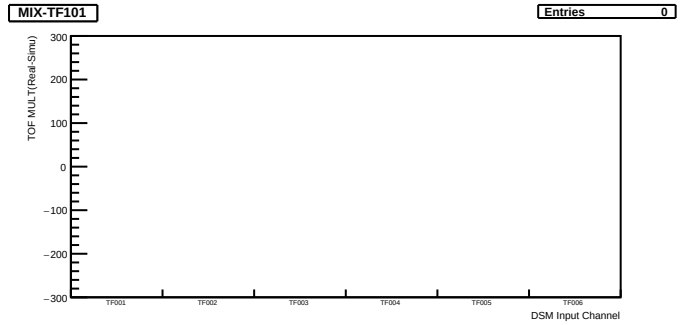

MIX-TF003
Entries 4246536
TOF MULT
TOF tray

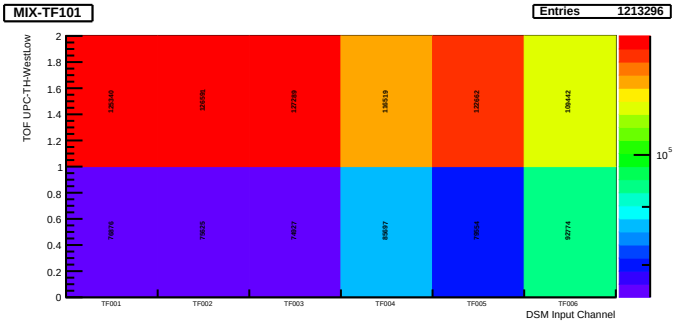

MIX-TF004
Entries 4246536
TOF MULT
TOF tray

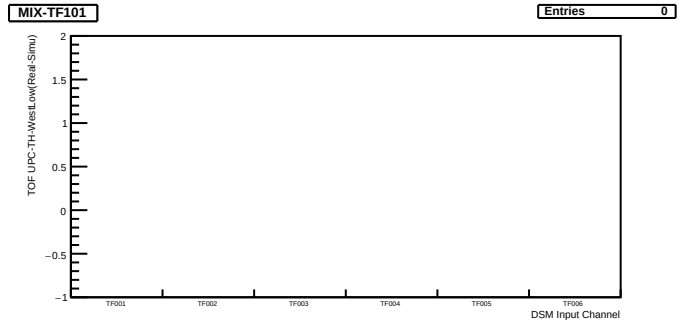

MIX-TF005
Entries 4246536
TOF MULT
TOF tray

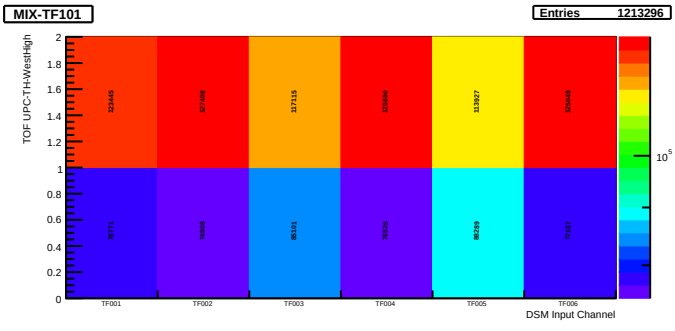

MIX-TF006
Entries 4246536
TOF MULT
TOF tray

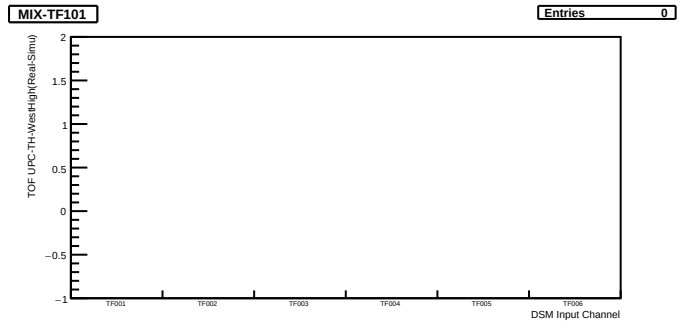

MIX-TF101
Entries 1213296
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

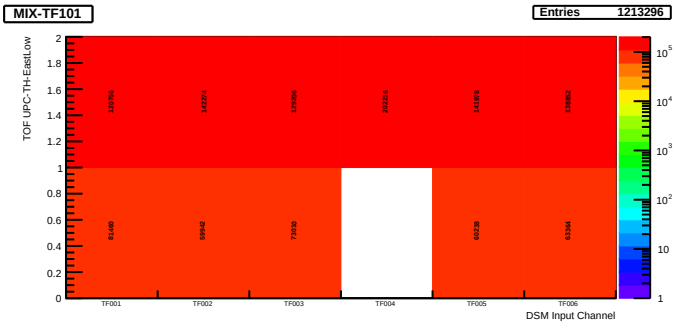

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

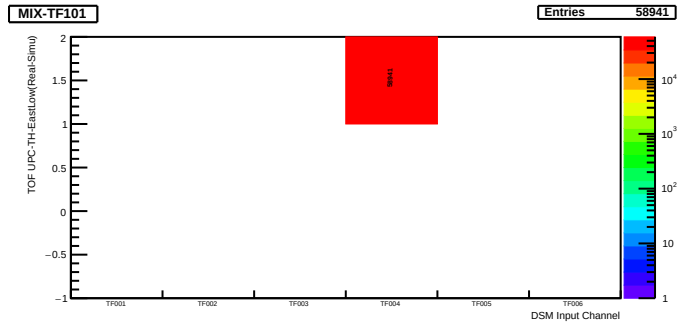

MIX-TF101
Entries 1213296
TOF UPC-TH-WestLow
125340
126591
127239
136519
128662
108442
78976
79625
74827
89697
79554
92774
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

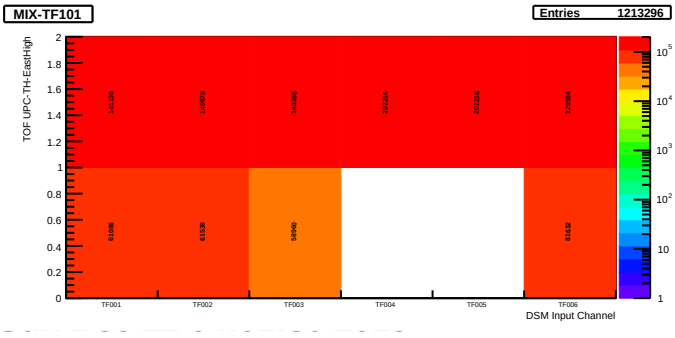

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

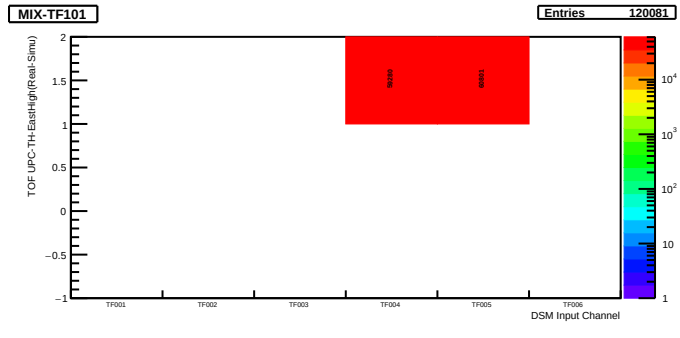

MIX-TF101
Entries 1213296
TOF UPC-TH-WestHigh
125445
127408
117115
125490
113927
129049
70711
74838
85101
76536
88289
77167
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

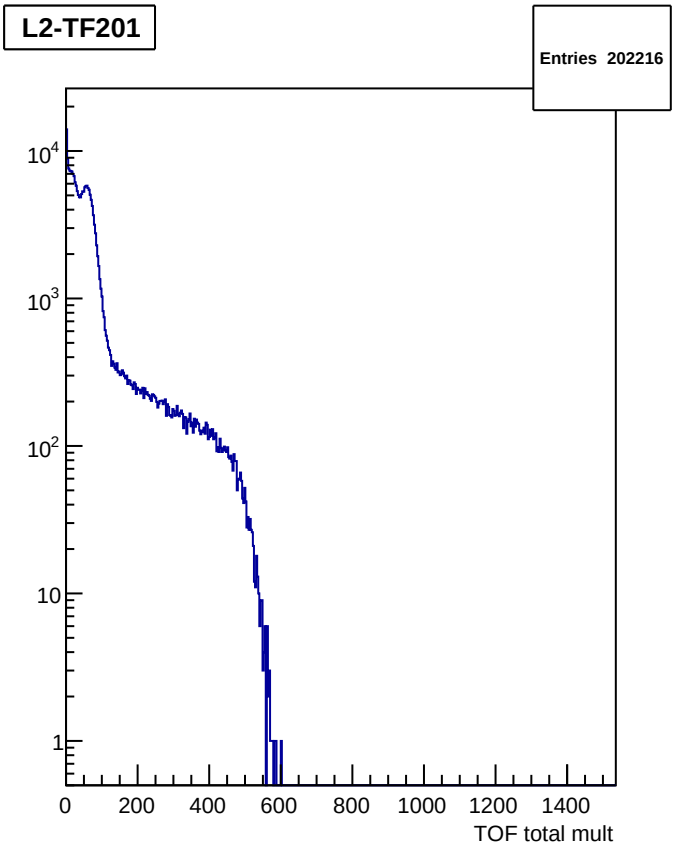

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

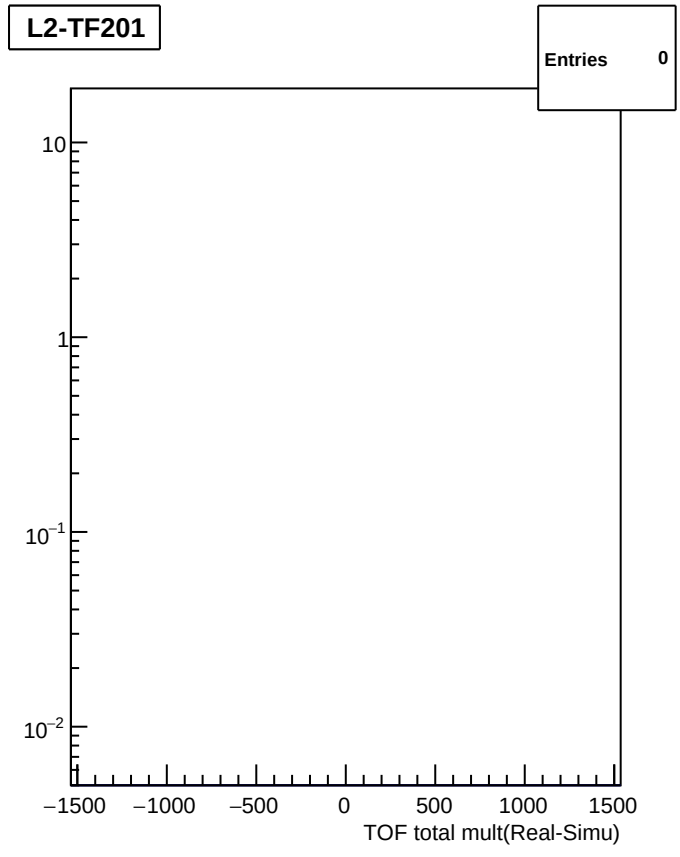

MIX-TF101
Entries 1213296
TOF UPC-TH-EastLow
120756
142274
125306
202216
141878
138862
81460
59942
73930
60238
63394
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

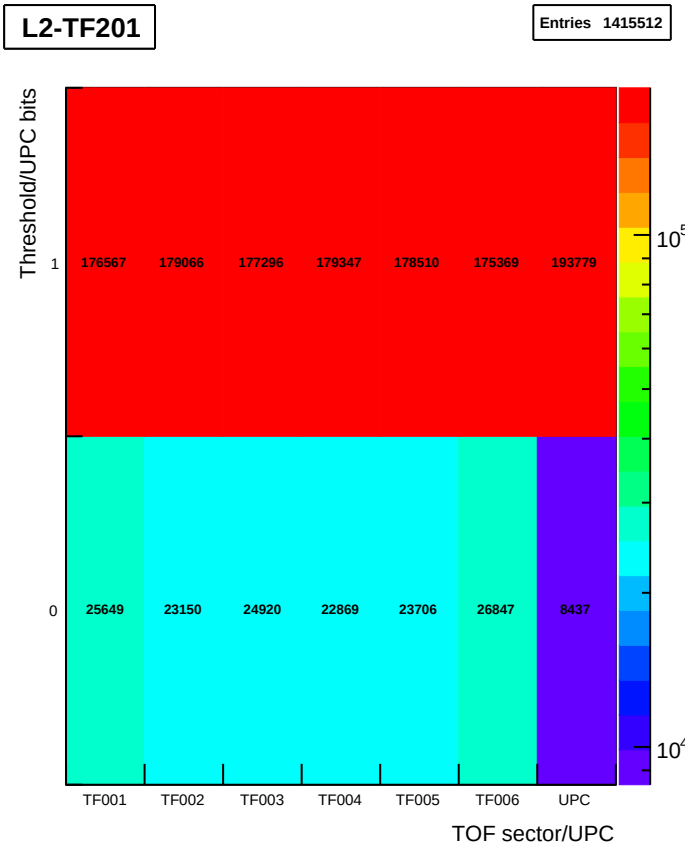

MIX-TF101
Entries 58941
TOF UPC-TH-EastLow(Real-Simu)
58941
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

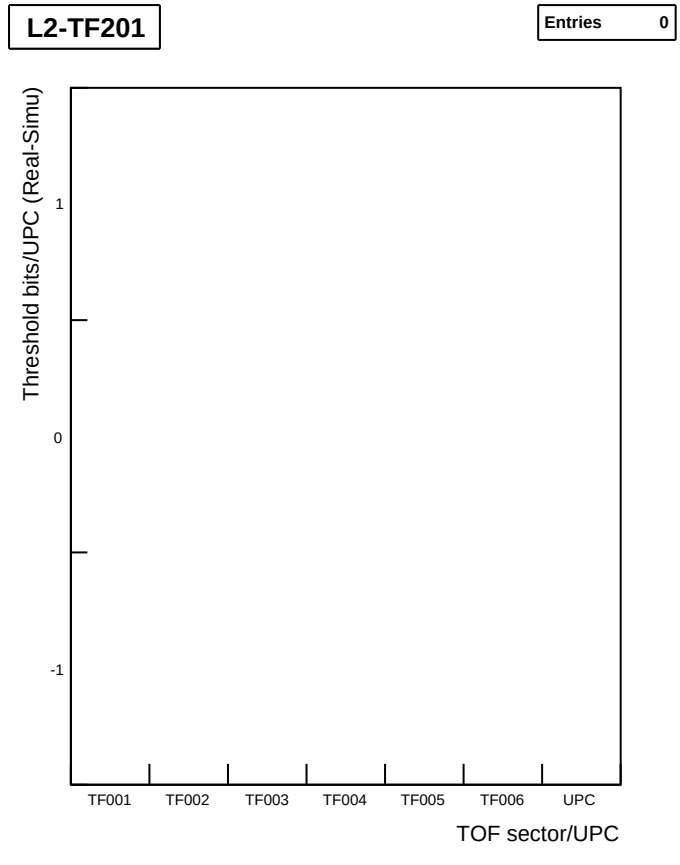

MIX-TF101
Entries 1213296
TOF UPC-TH-EastHigh
141139
140479
143256
202216
202216
120984
61098
61538
58980
61632
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

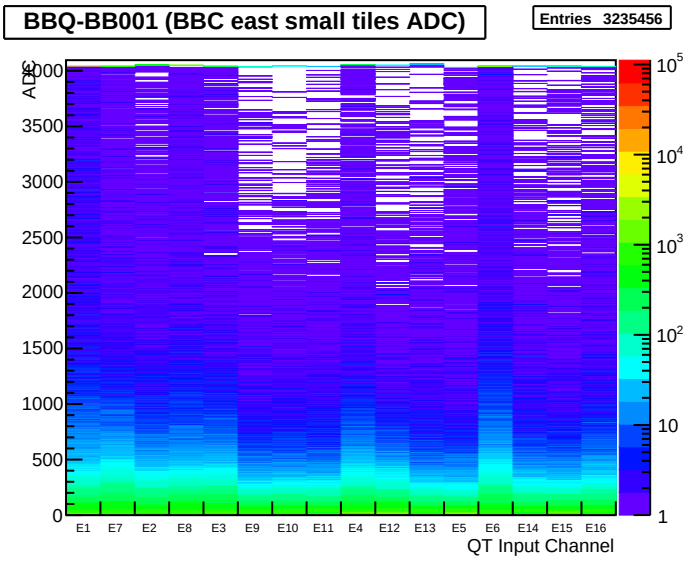

MIX-TF101
Entries 120081
TOF UPC-TH-EastHigh(Real-Simu)
59230
60851
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

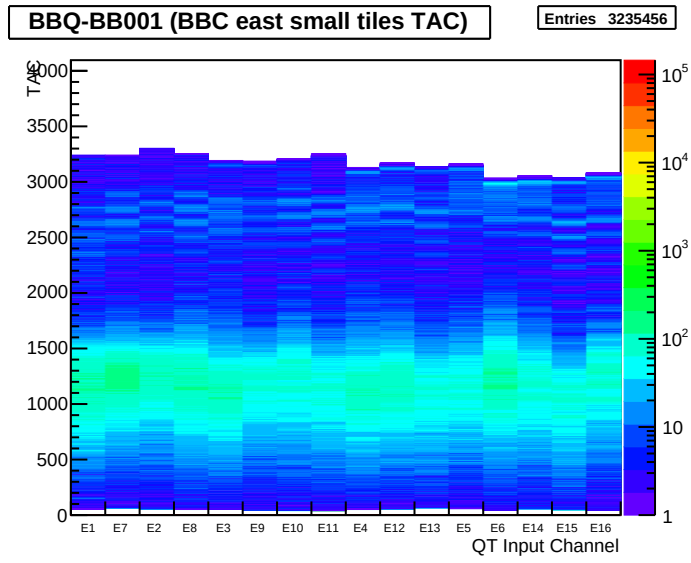

L2-TF201
Entries 202216
TOF total mult

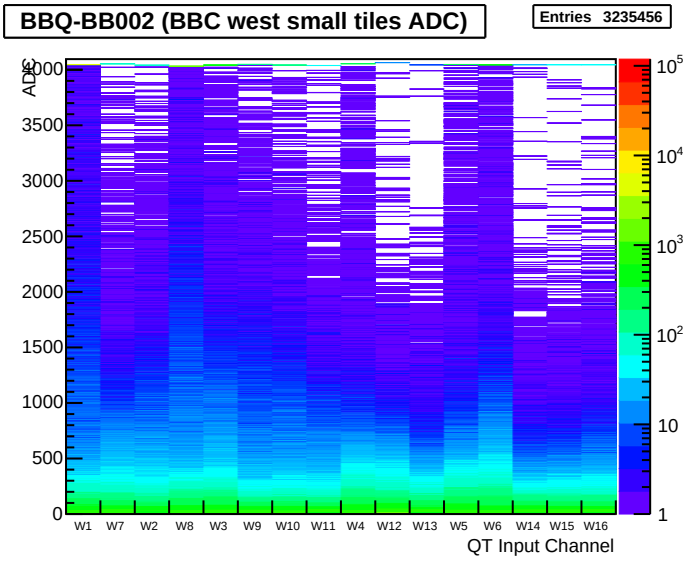

L2-TF201
Entries 0
TOF total mult(Real-Simu)

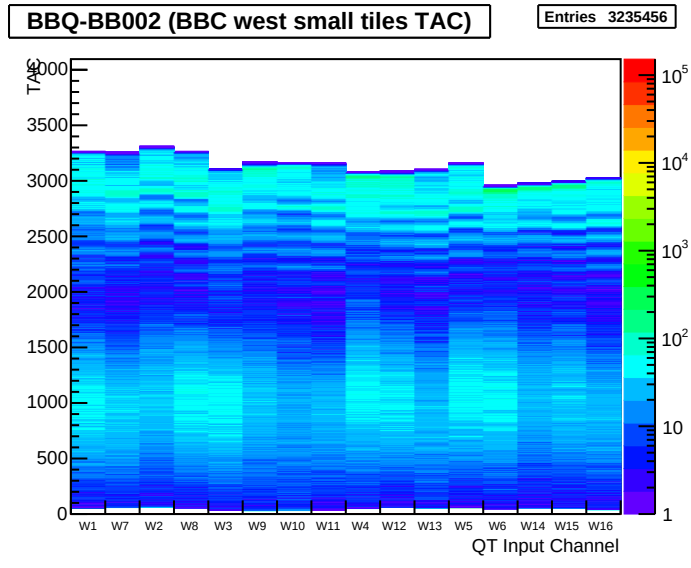

L2-TF201
Entries 1415512
Threshold/UPC bits
176567
179066
177296
179347
178510
175369
193779
25649
23150
24920
22869
23706
26847
8437
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

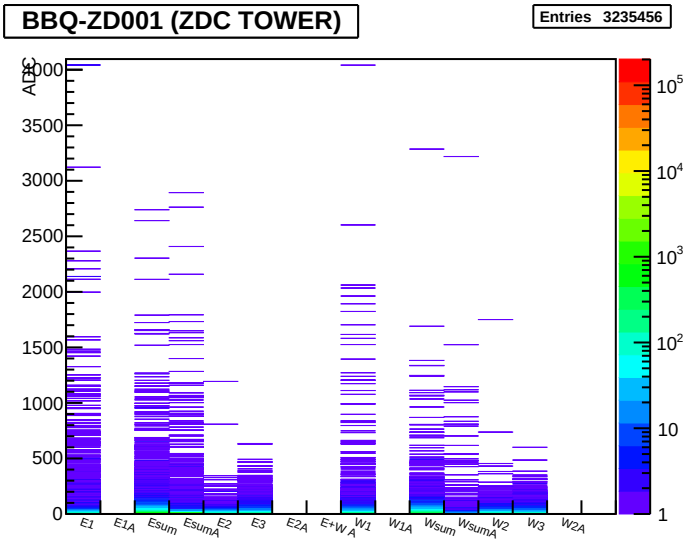

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

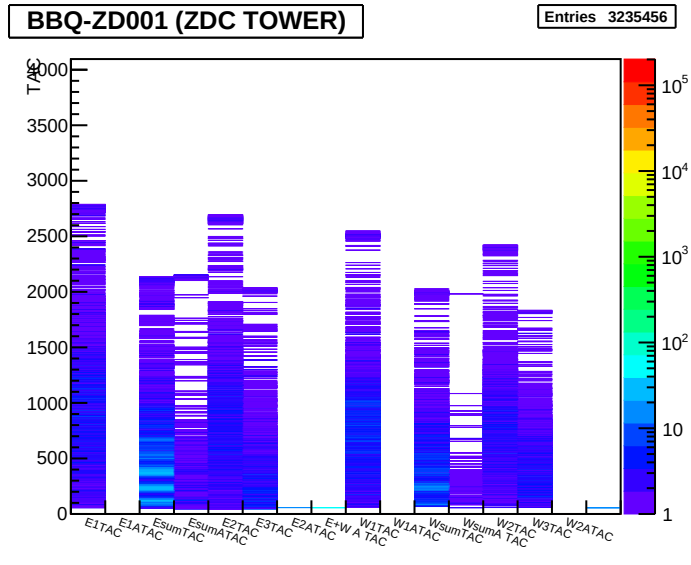

BBQ-BB001 (BBC east small tiles ADC)
Entries 3235456
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

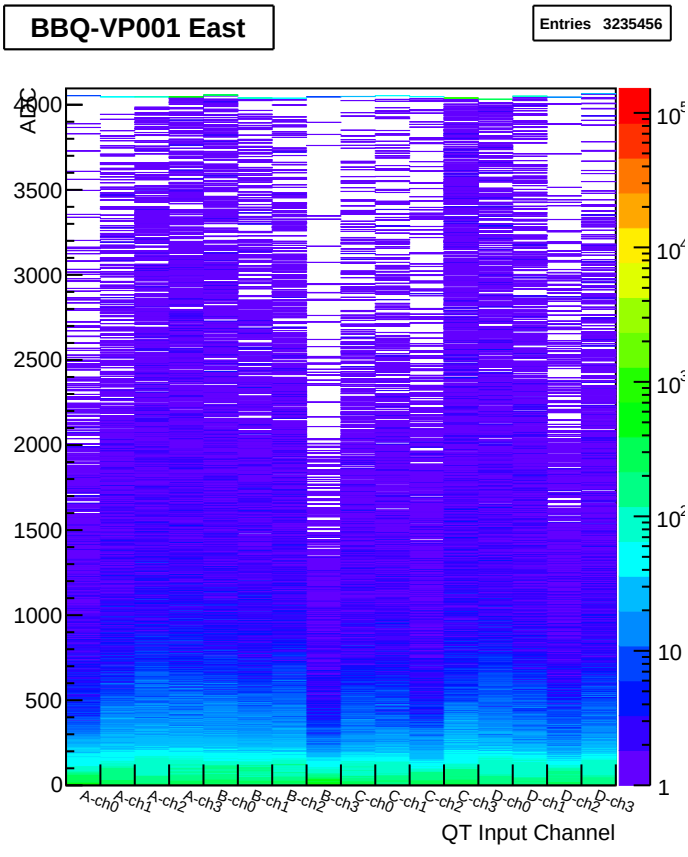

BBQ-BB001 (BBC east small tiles TAC)
Entries 3235456
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

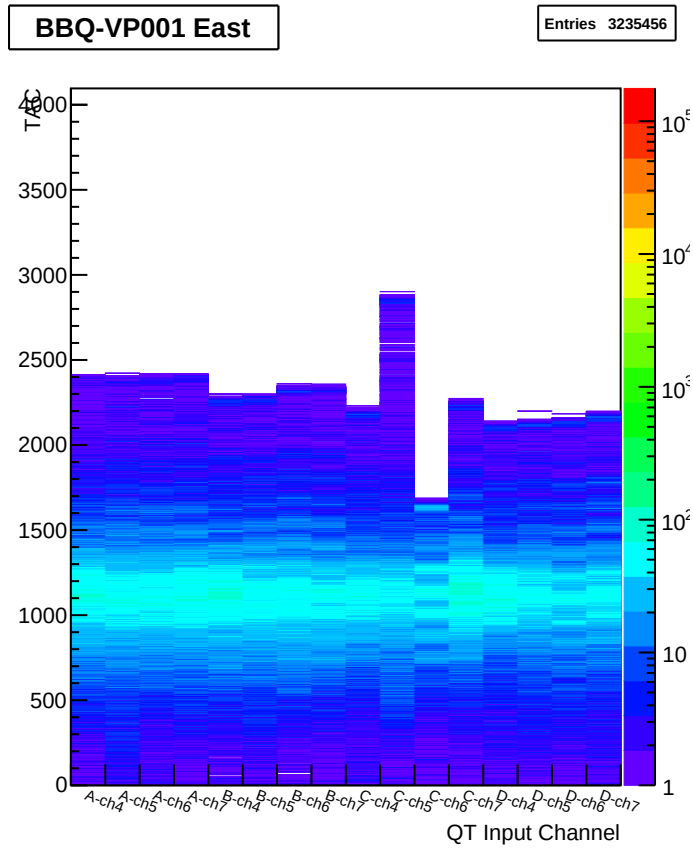

BBQ-BB002 (BBC west small tiles ADC)
Entries 3235456
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

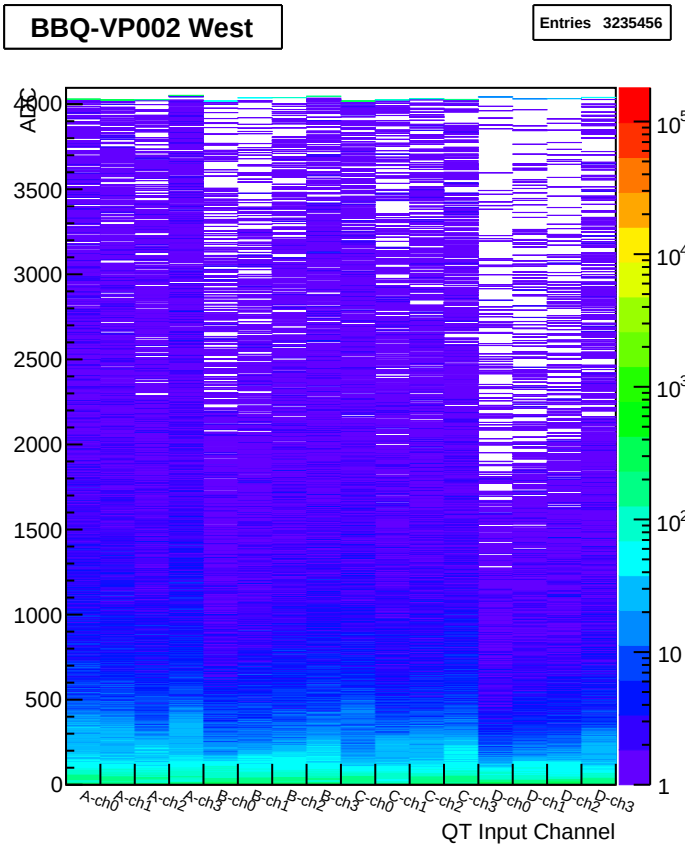

BBQ-BB002 (BBC west small tiles TAC)
Entries 3235456
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

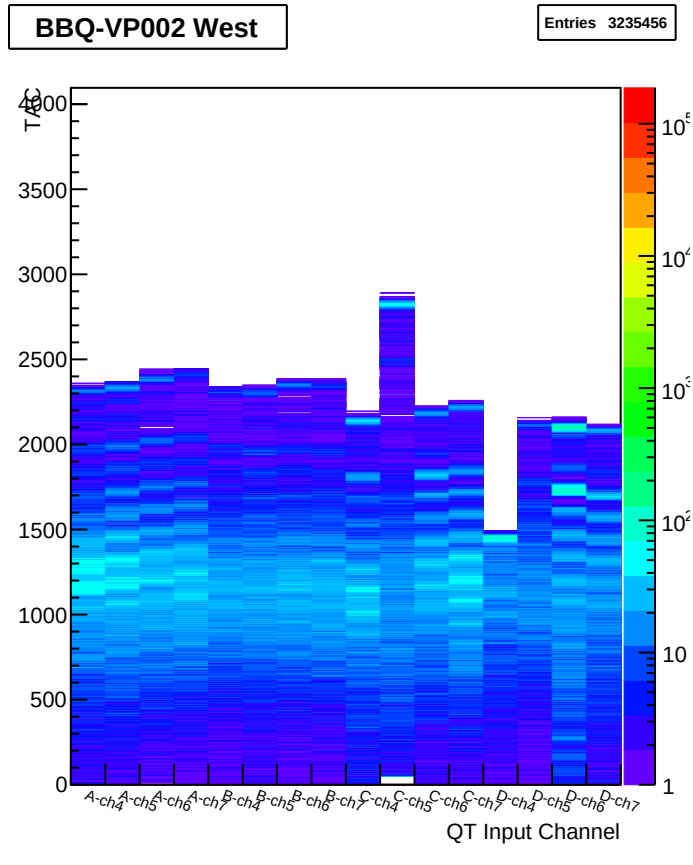

BBQ-ZD001 (ZDC TOWER)
Entries 3235456
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

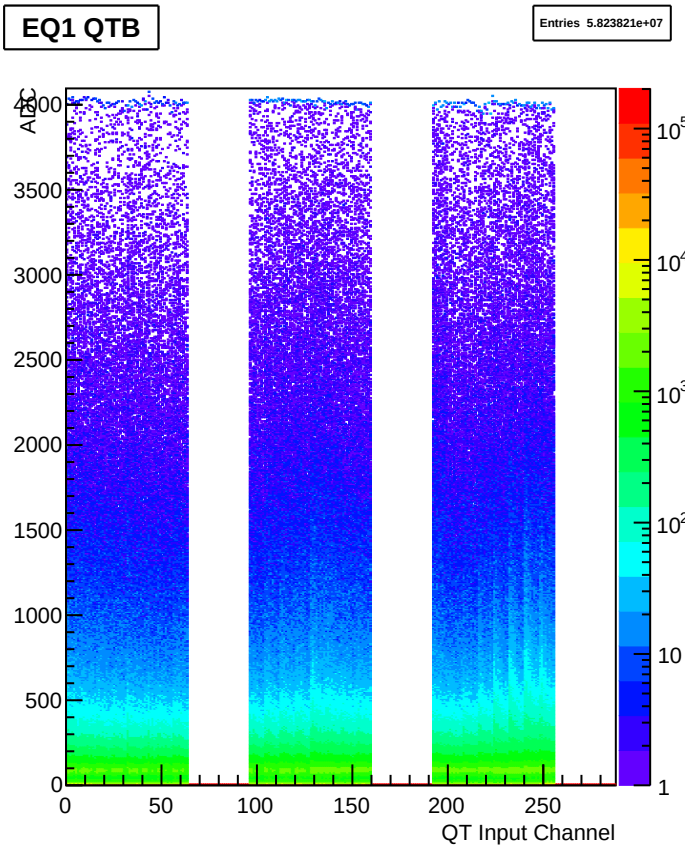

BBQ-ZD001 (ZDC TOWER)
Entries 3235456
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

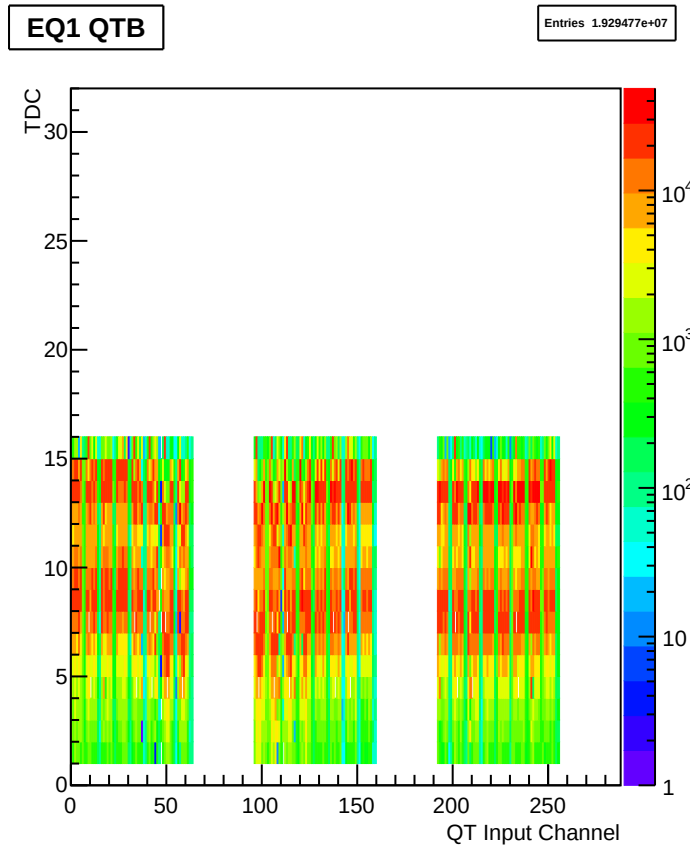

BBQ-VP001 East
Entries 3235456
ADC
QT Input Channel

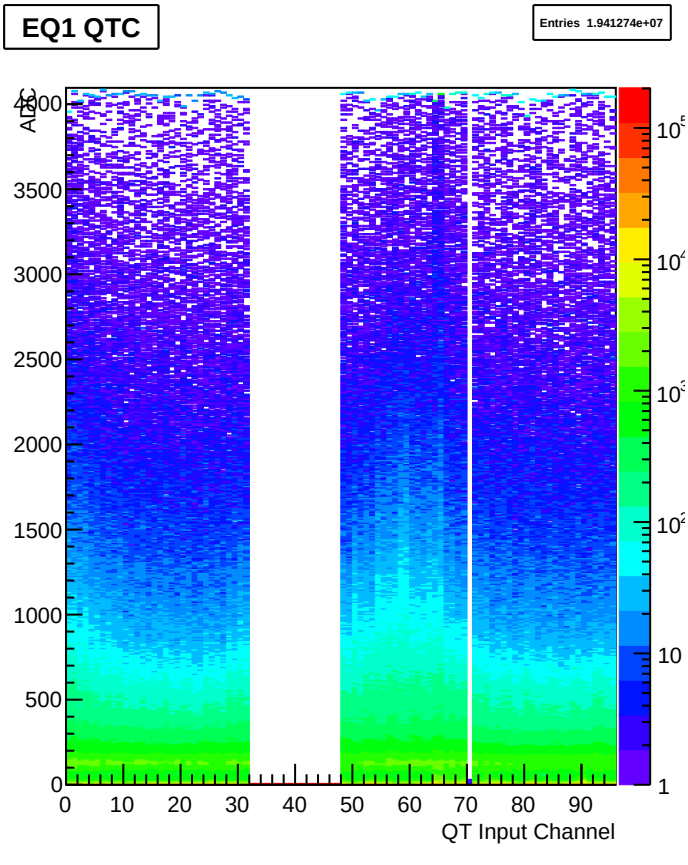

BBQ-VP001 East
Entries 3235456
ADC
QT Input Channel

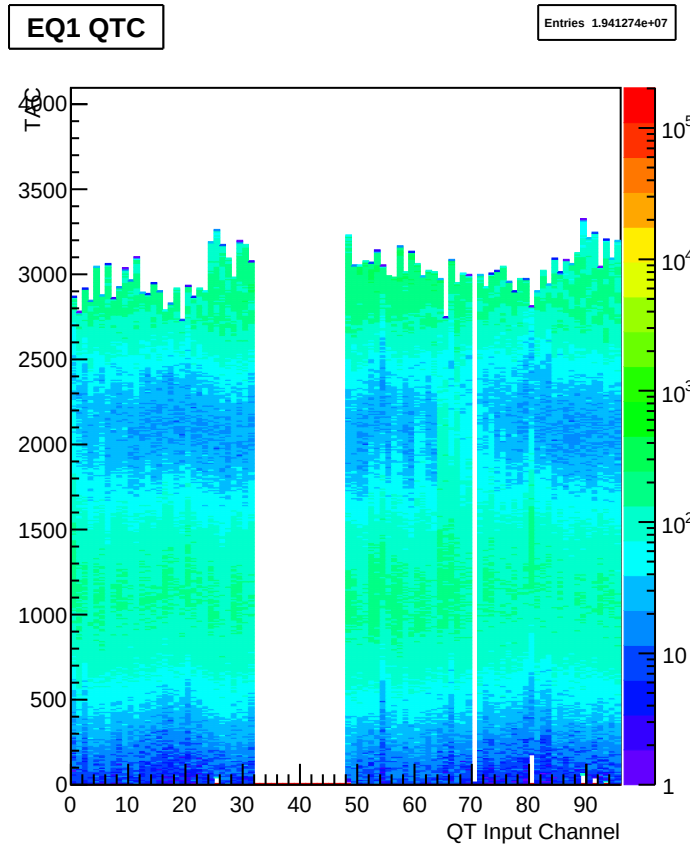

BBQ-VP002 West
Entries 3235456
ADC
QT Input Channel

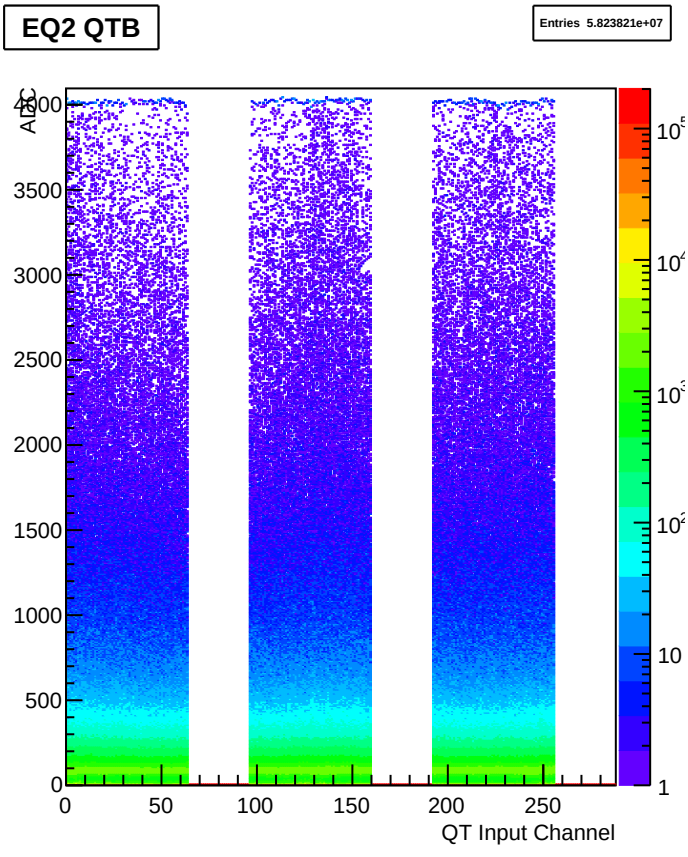

BBQ-VP002 West
Entries 3235456
ADC
QT Input Channel

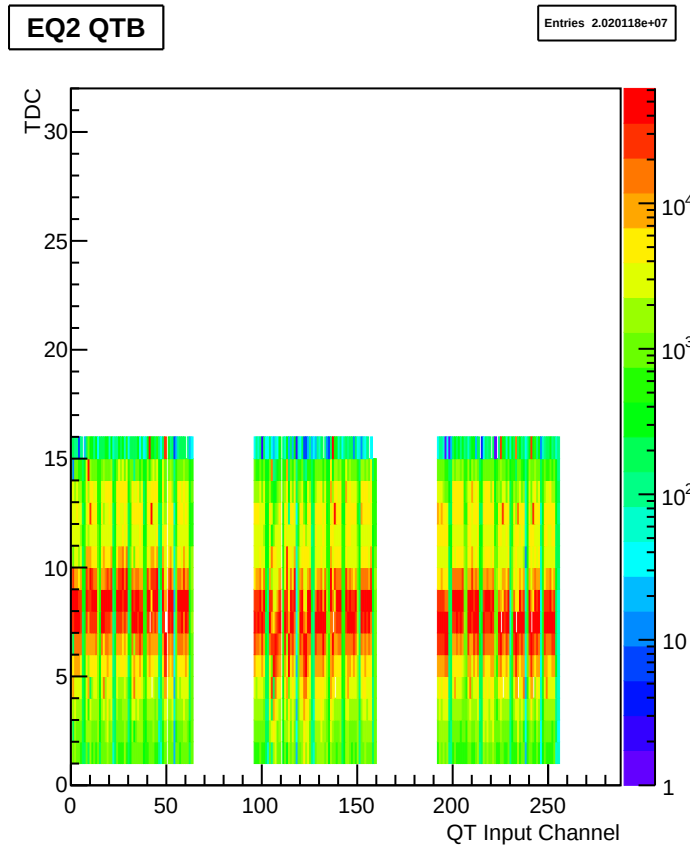

EQ1 QTB
Entries 5.823821e+07
ADC
QT Input Channel

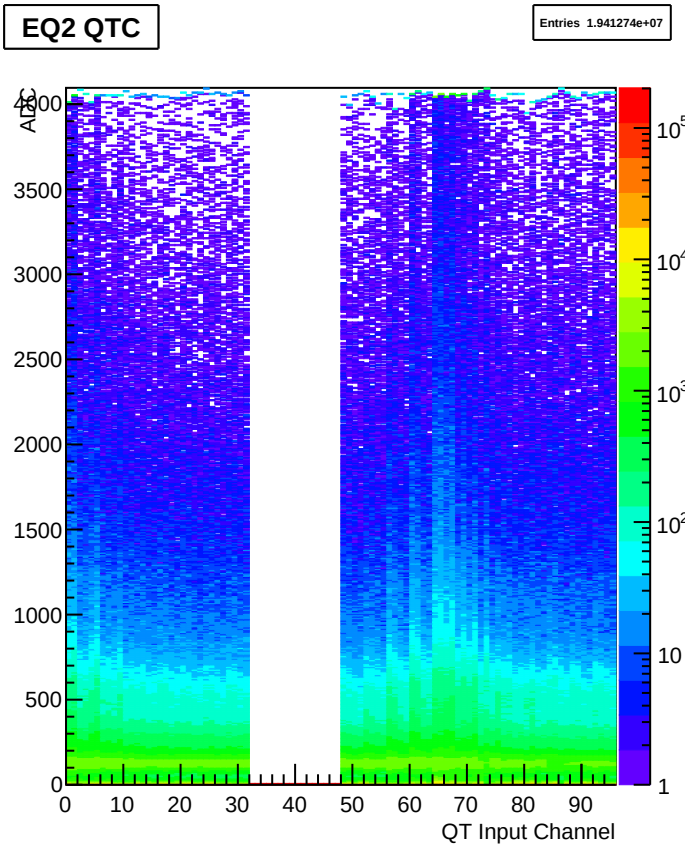

EQ1 QTB
Entries 1.929477e+07
TDC
QT Input Channel

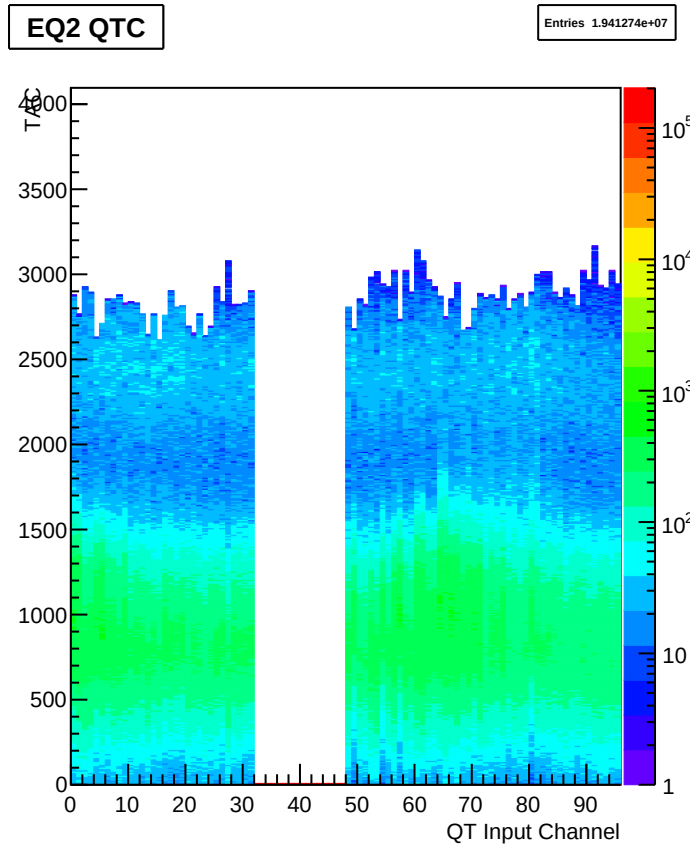

EQ1 QTC
Entries 1.941274e+07
ADC
QT Input Channel

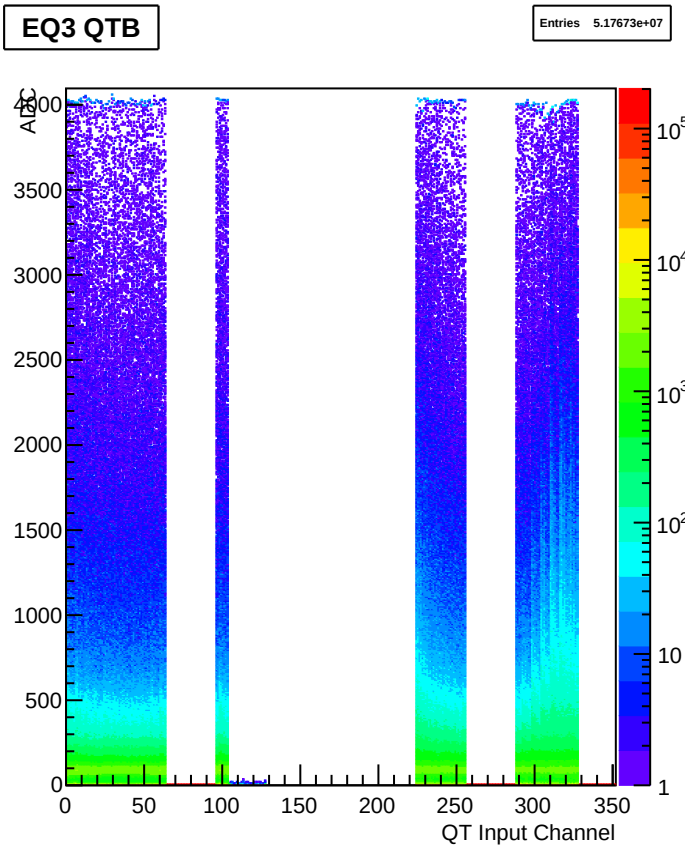

EQ1 QTC
Entries 1.941274e+07
TADC
QT Input Channel

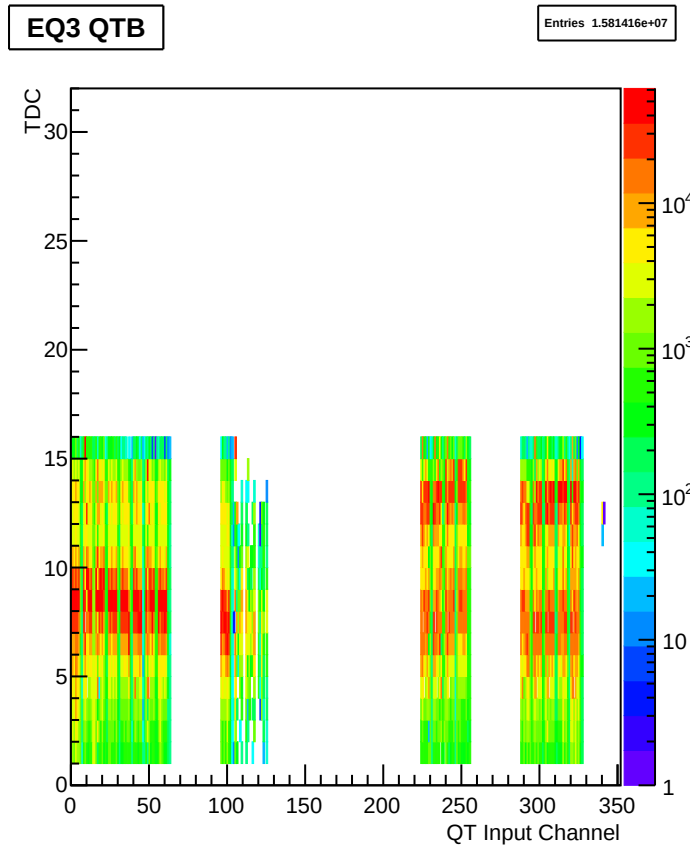

EQ2 QTB
Entries 5.823821e+07
ADC
QT Input Channel

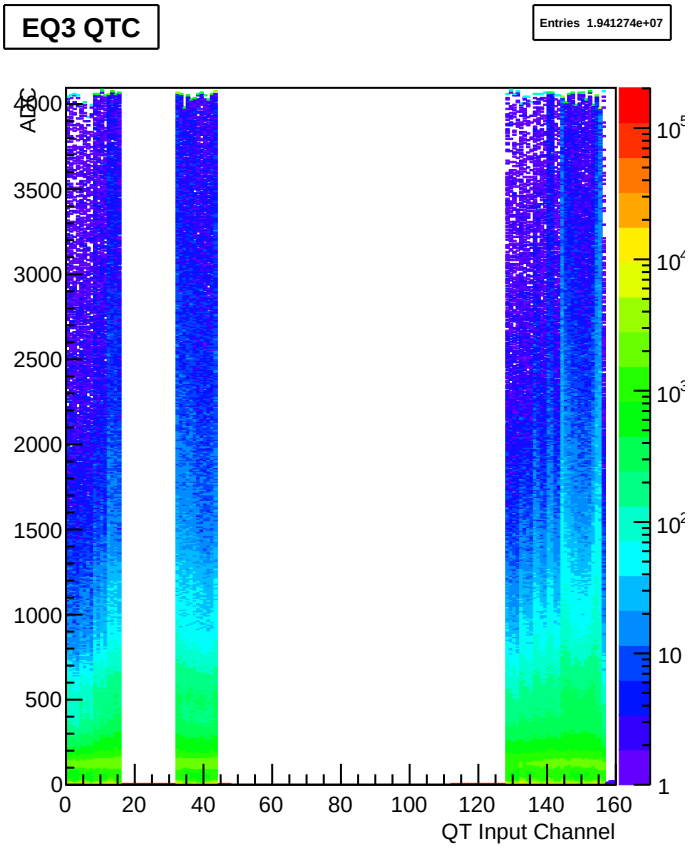

EQ2 QTB
Entries 2.020118e+07
TDC
QT Input Channel

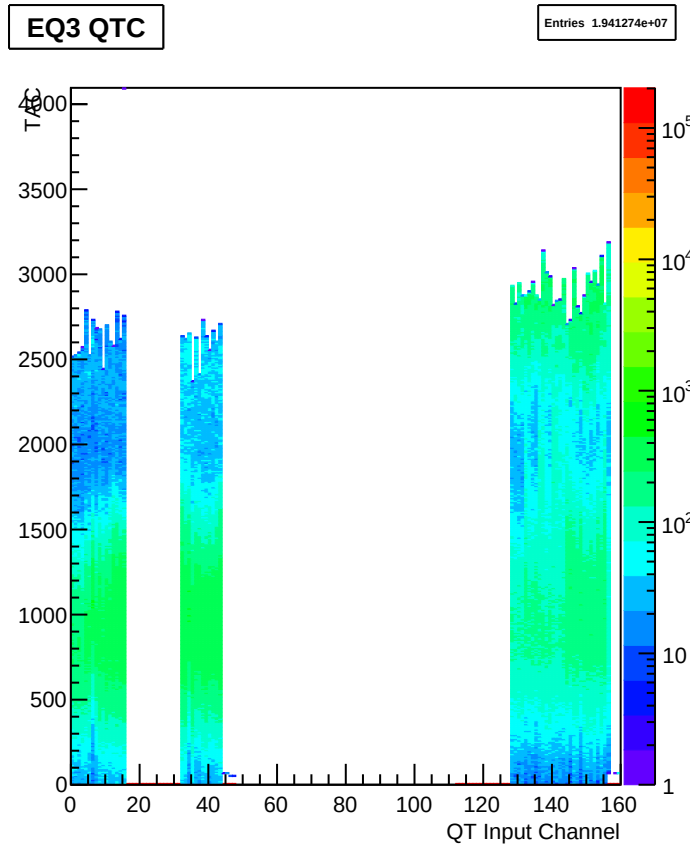

EQ2 QTC
Entries 1.941274e+07
ADC
QT Input Channel

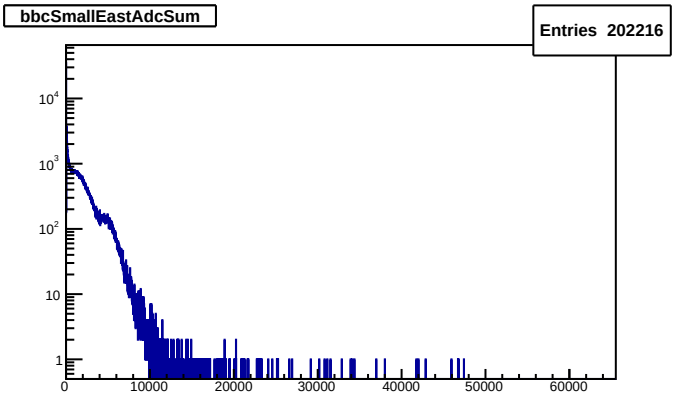

EQ2 QTC
Entries 1.941274e+07
TADC
QT Input Channel

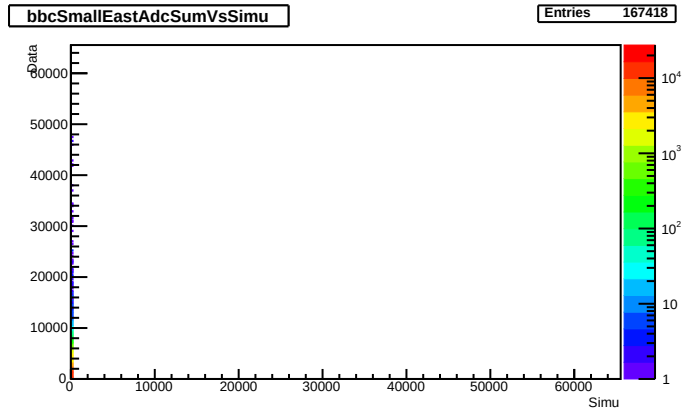

EQ3 QTB
Entries 5.17673e+07
ADC
QT Input Channel

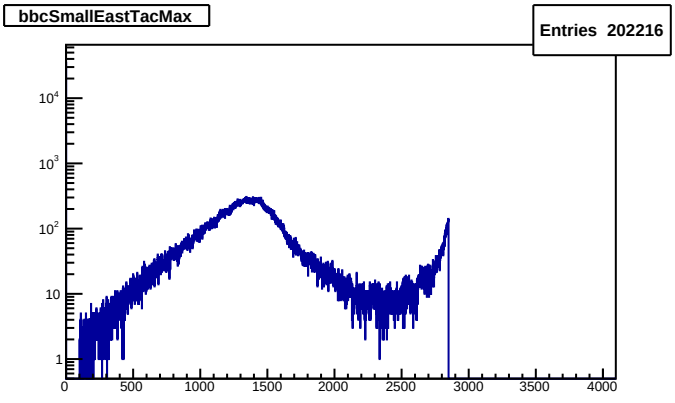

EQ3 QTB
Entries 1.581416e+07
TDC
QT Input Channel

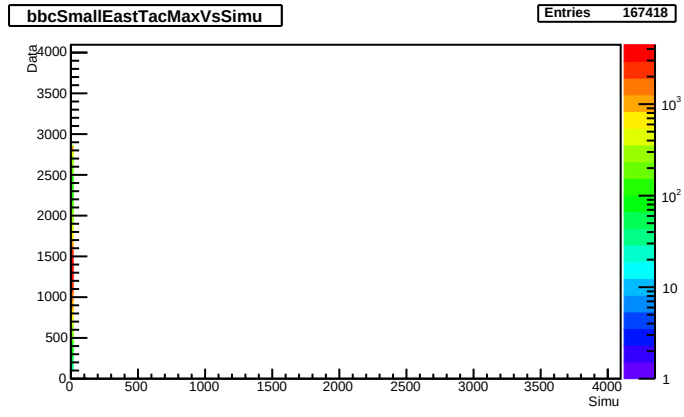

EQ3 QTC
Entries 1.941274e+07
ADC
QT Input Channel

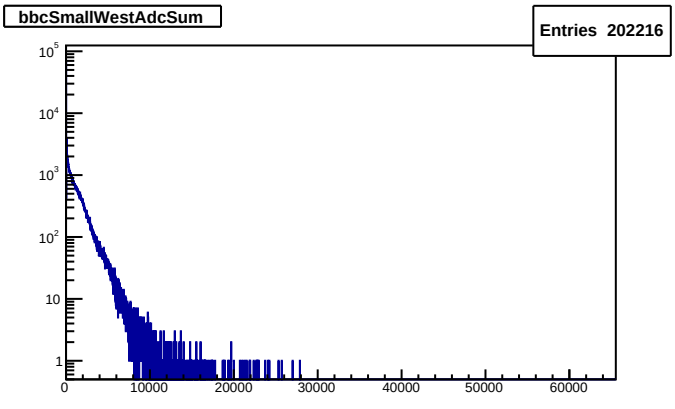

EQ3 QTC
Entries 1.941274e+07
TADC
QT Input Channel

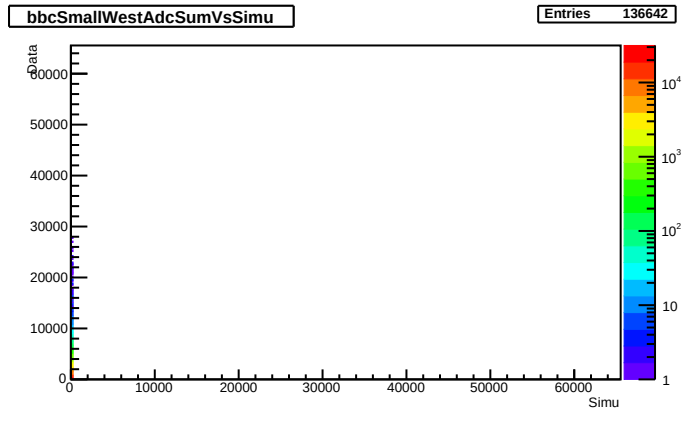

bbcSmallEastAdcSum
Entries 202216

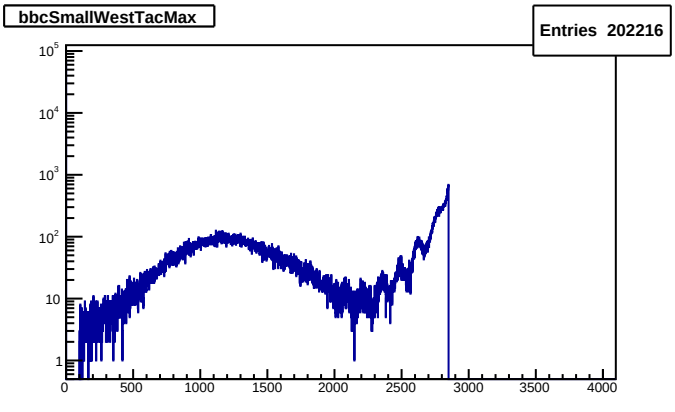

bbcSmallEastAdcSumVsSimu
Entries 167418
Data
Simu


bbcSmallEastTacMax
Entries 202216


bbcSmallEastTacMaxVsSimu
Entries 167418
Data
Simu


bbcSmallWestAdcSum
Entries 202216


bbcSmallWestAdcSumVsSimu
Entries 136642
Data
Simu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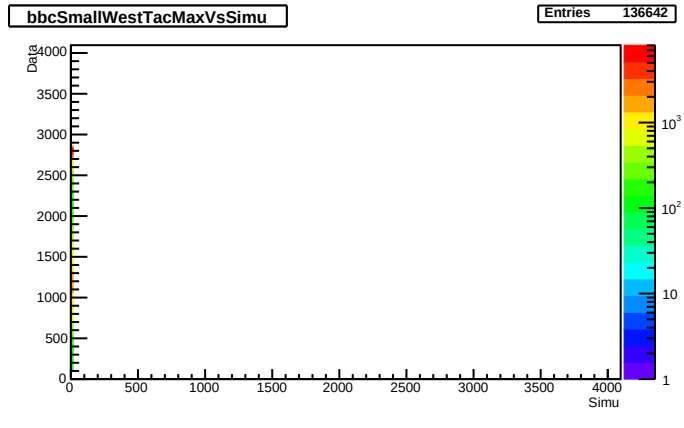
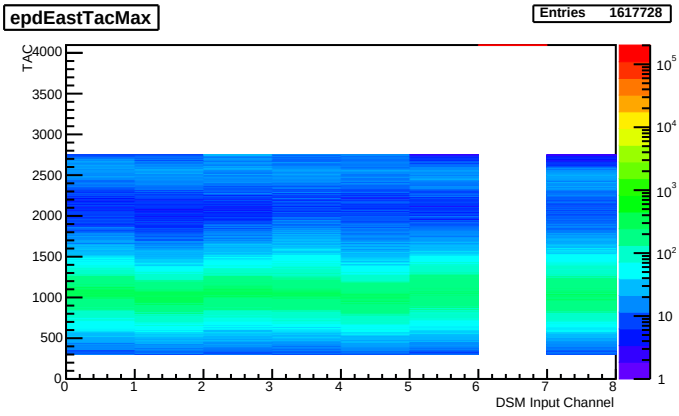
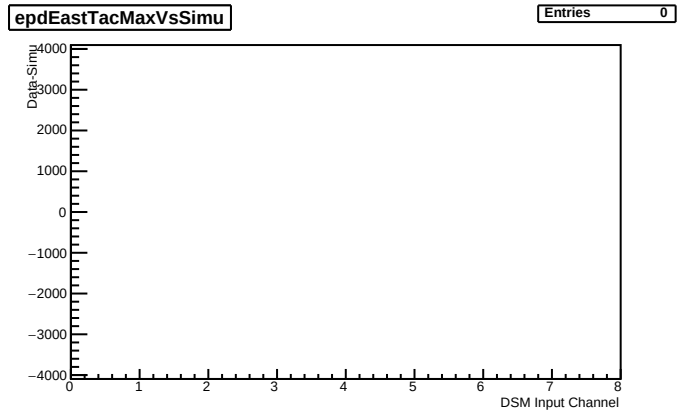
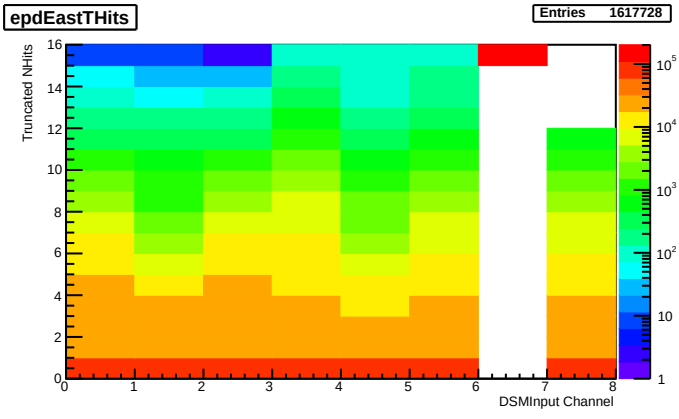
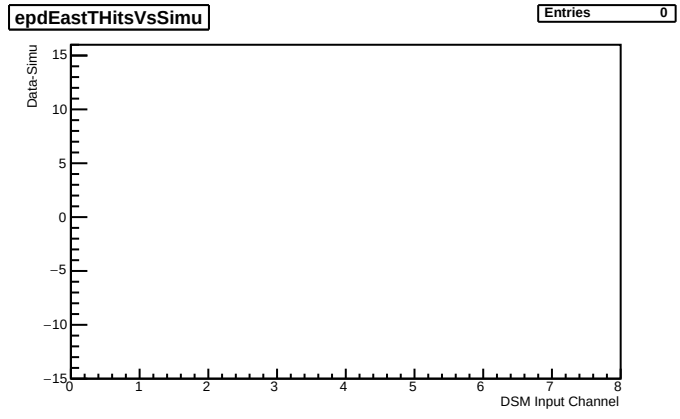
Entries 202216

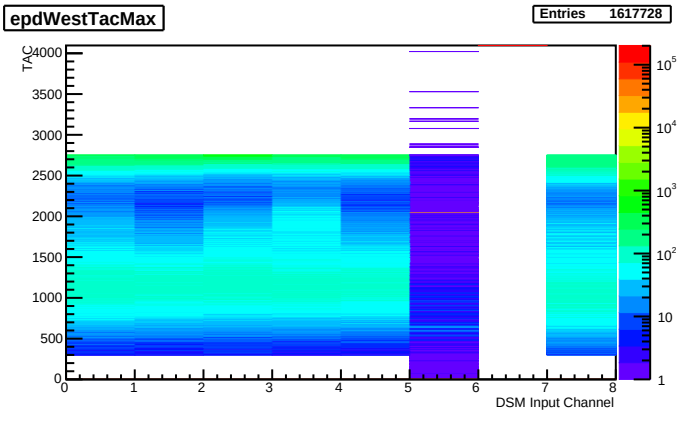

bbcSmallWestTacMaxVsSimu
Entries 136642
Data
Simu


epdEastTacMax
Entries 1617728
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1617728
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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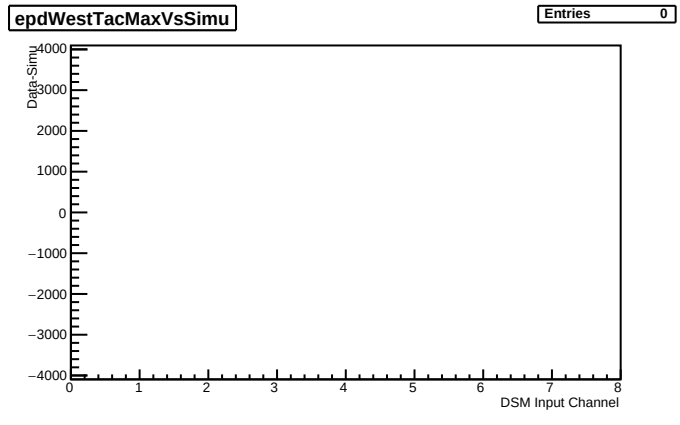
Entries 1617728
TAC
DSM Input Channel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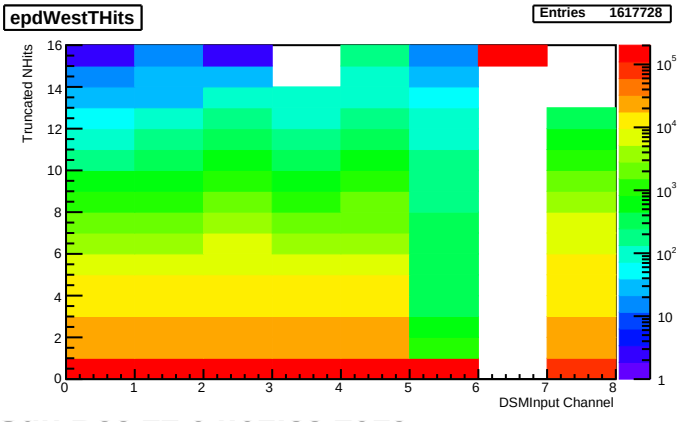
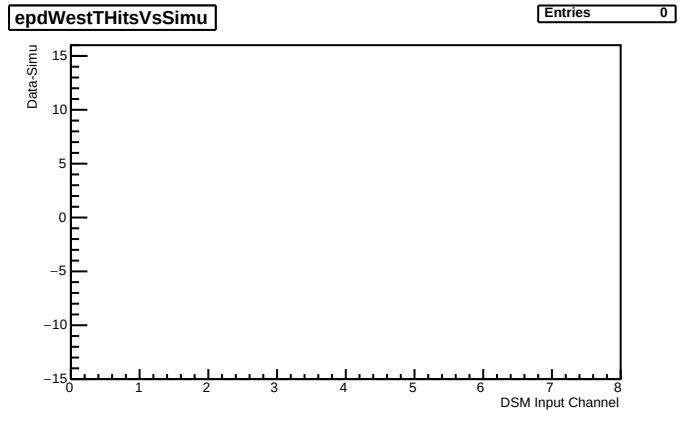
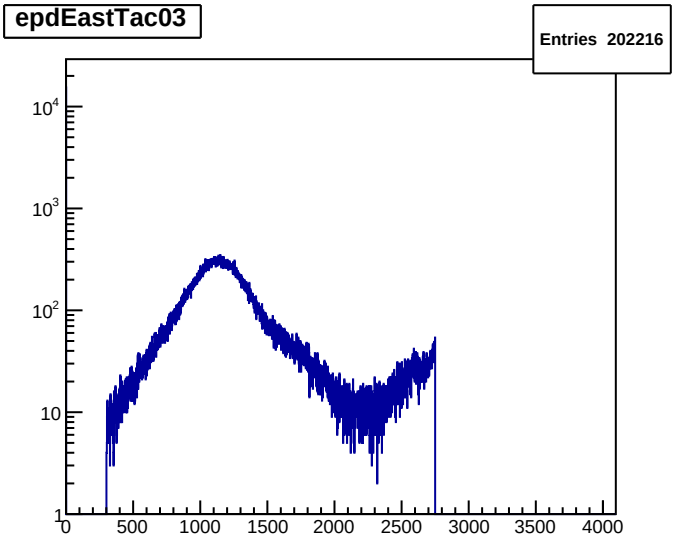
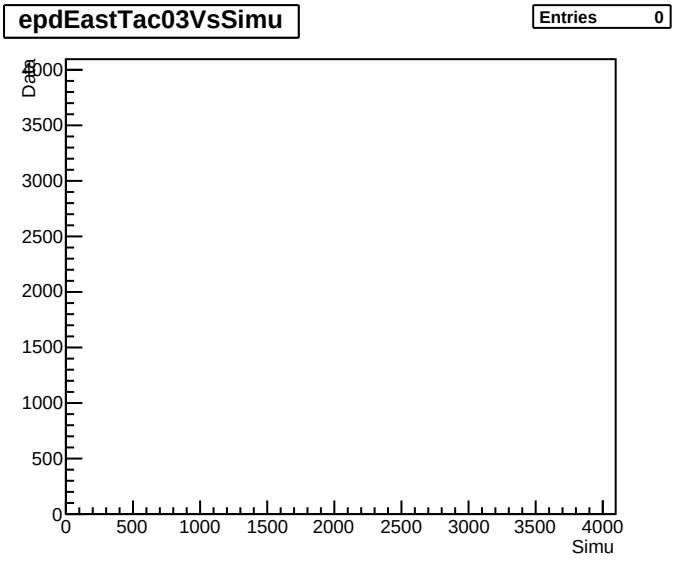
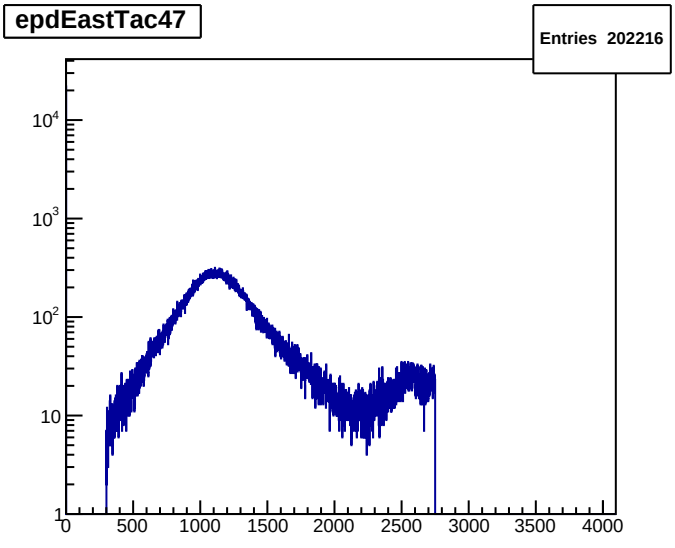
Entries 0
Data-Simu
DSM Input Channel

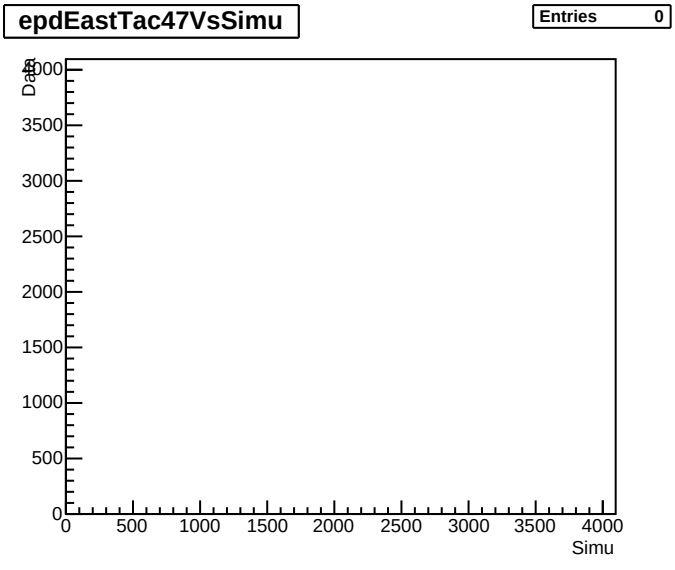

epdWestTHits
Entries 1617728
Truncated NHits
DSMInput Channel

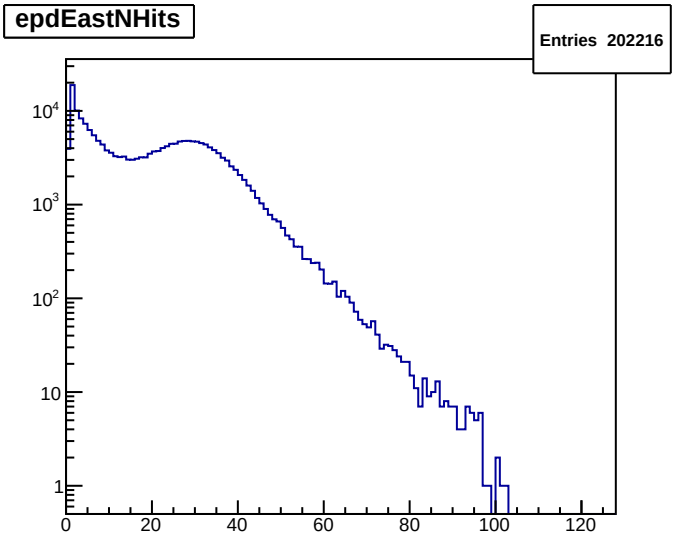

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

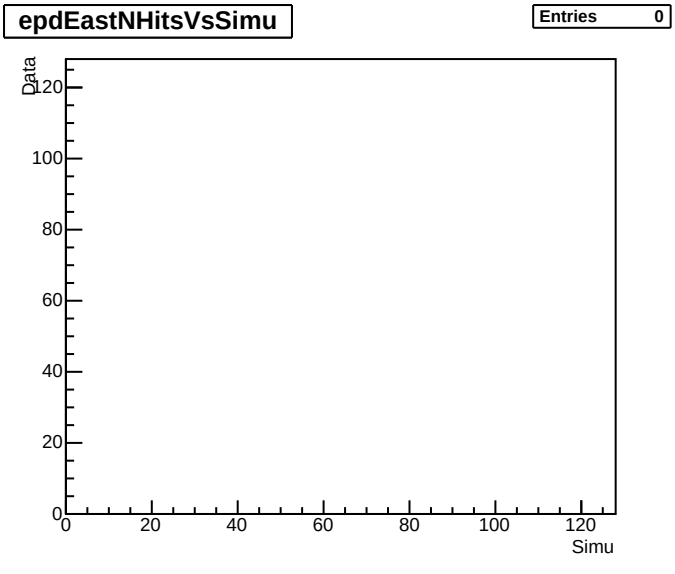

epdEastTac03
Entries 202216


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 202216


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 202216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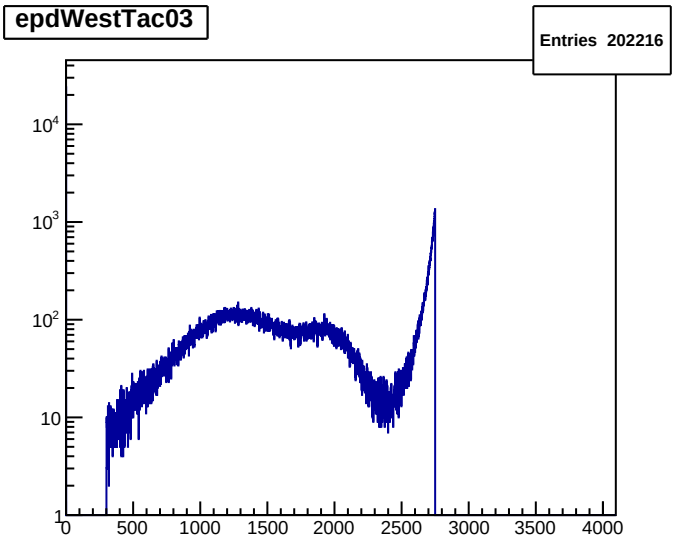
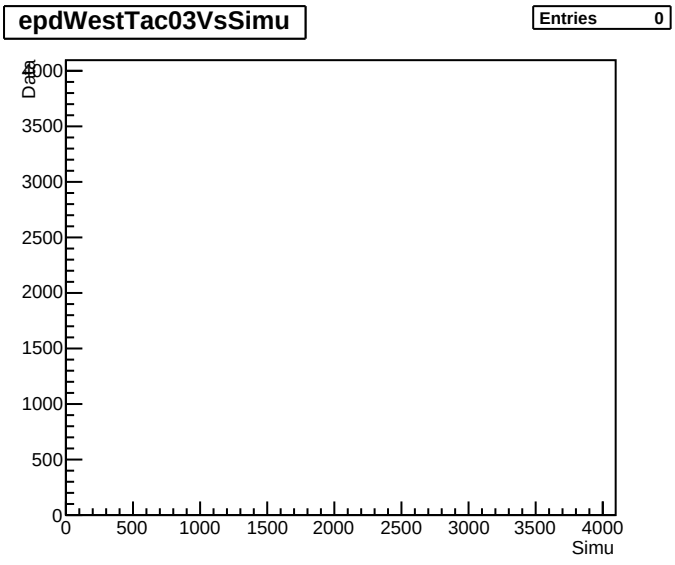
Entries 0
Data
Simu


epdWestTac03
Entries 202216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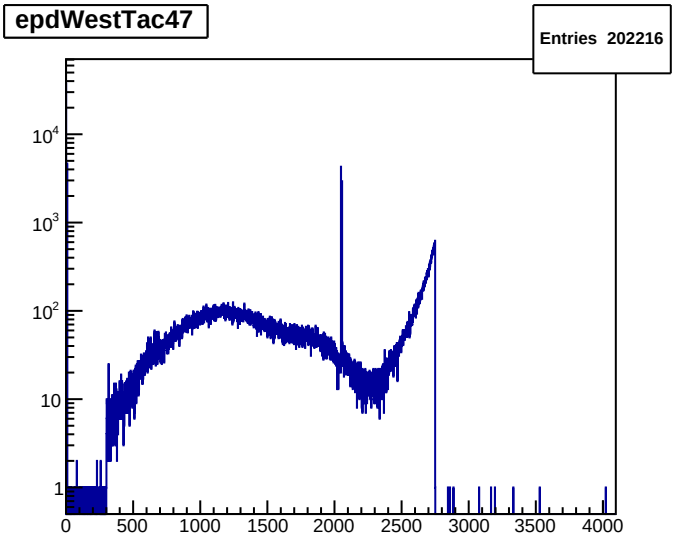
Entries 0
Data
Simu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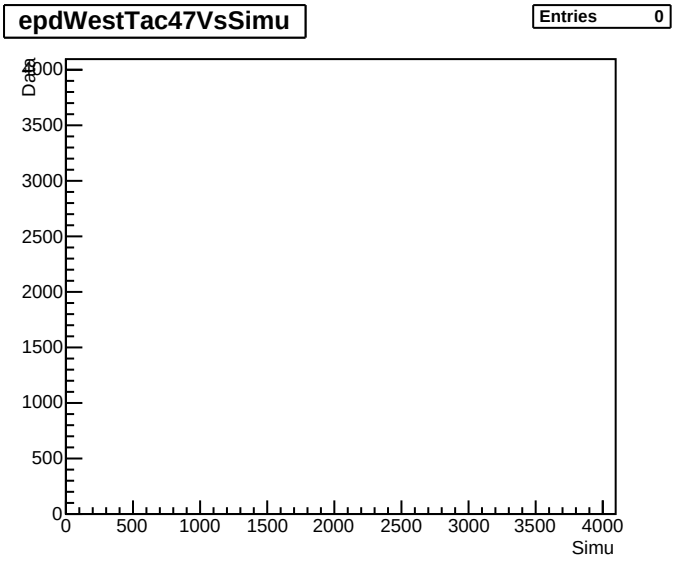
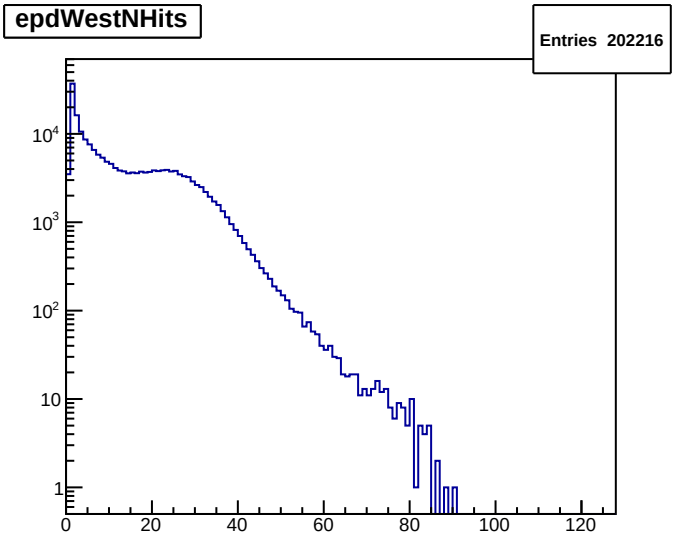
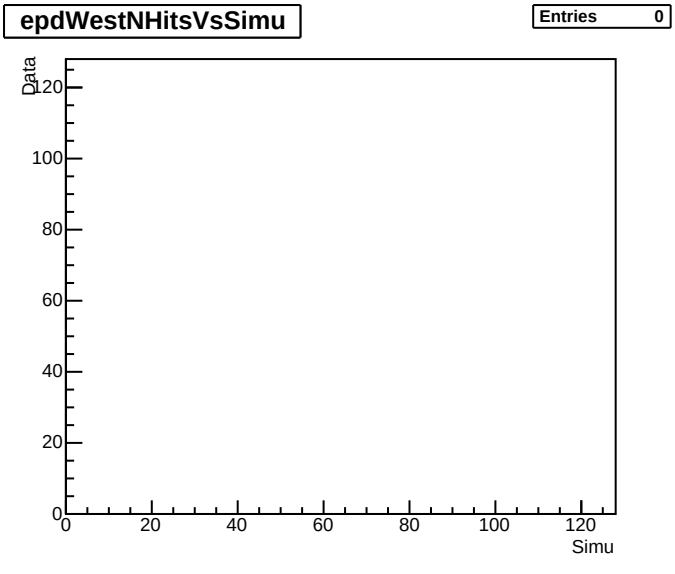
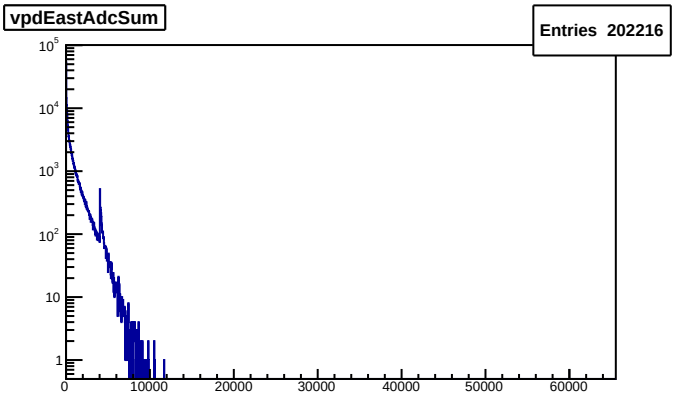
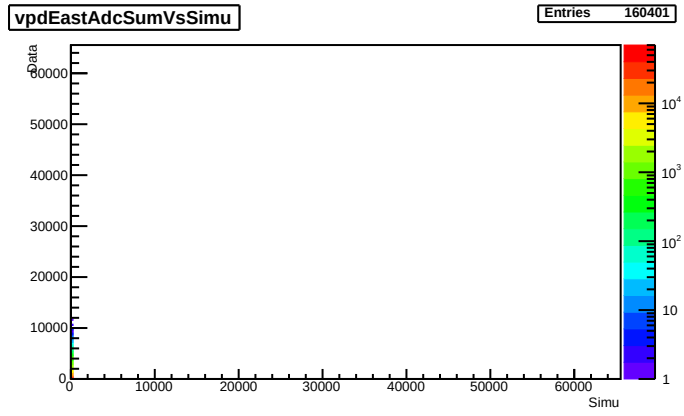
Entries 202216

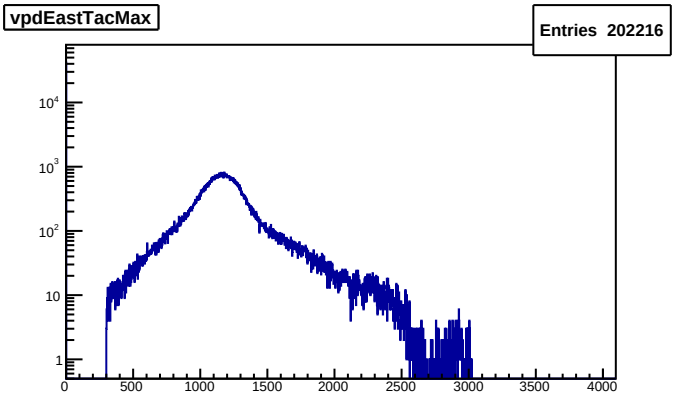

epdWestTac47VsSimu
Entries 0
Data
Simu

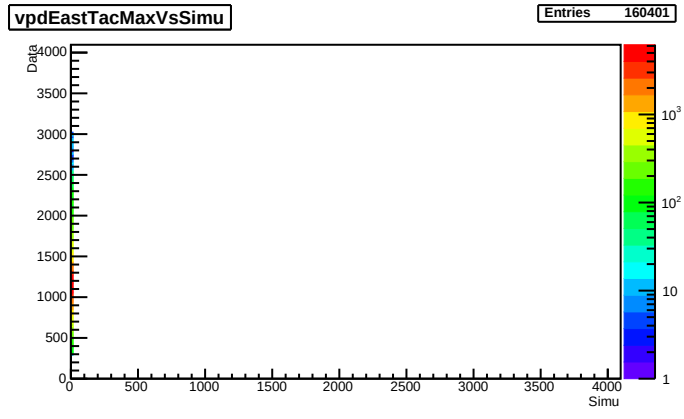

epdWestNHits
Entries 202216

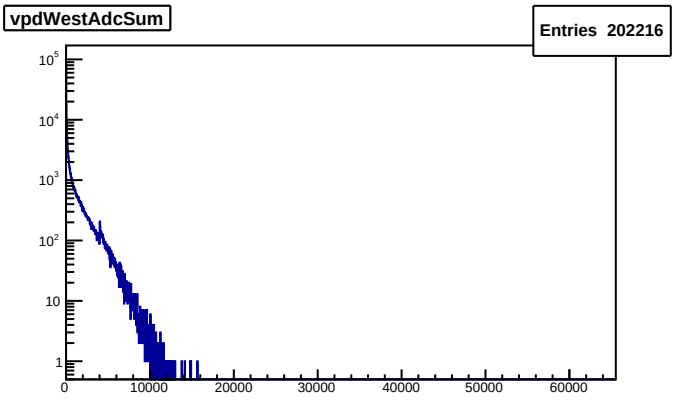

epdWestNHitsVsSimu
Entries 0
Data
Simu

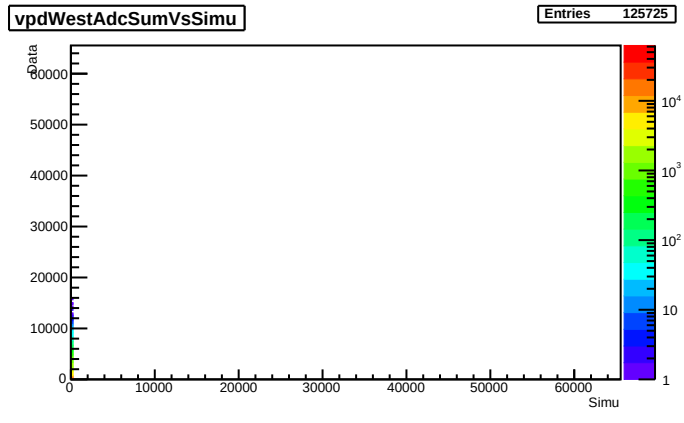

vpdEastAdcSum
Entries 202216

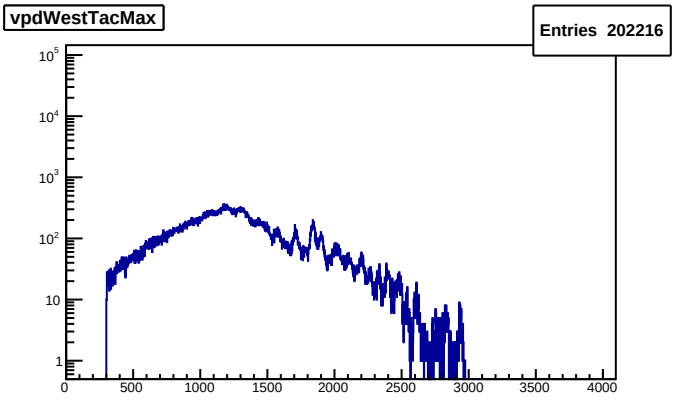

vpdEastAdcSumVsSimu
Entries 160401
Data
Simu

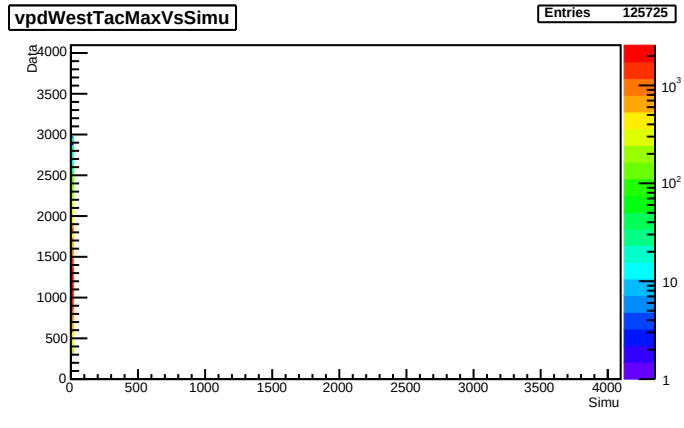

vpdEastTacMax
Entries 202216

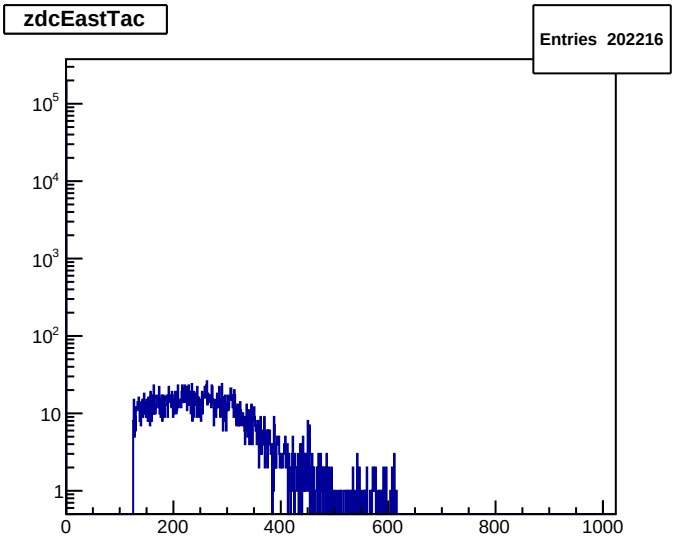

vpdEastTacMaxVsSimu
Entries 160401
Data
Simu

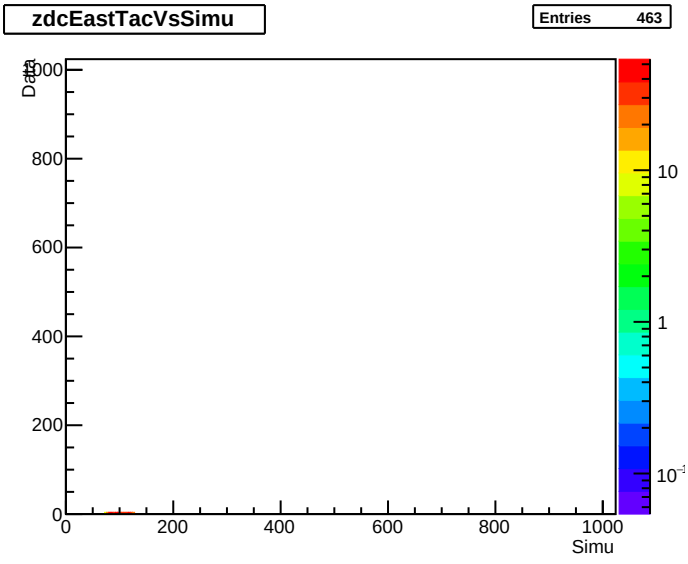

vpdWestAdcSum
Entries 202216

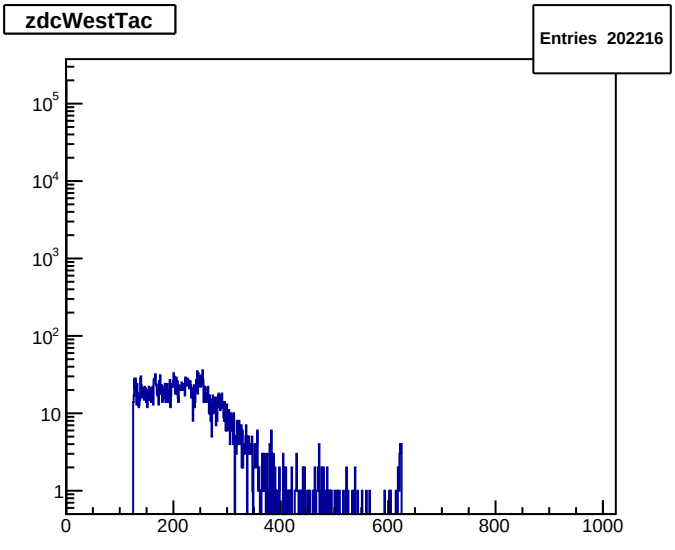

vpdWestAdcSumVsSimu
Entries 125725
Data
Simu

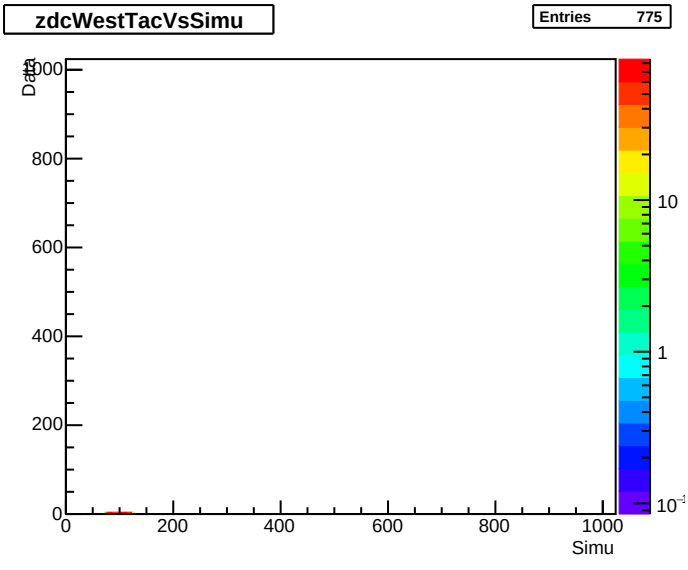

vpdWestTacMax
Entries 202216

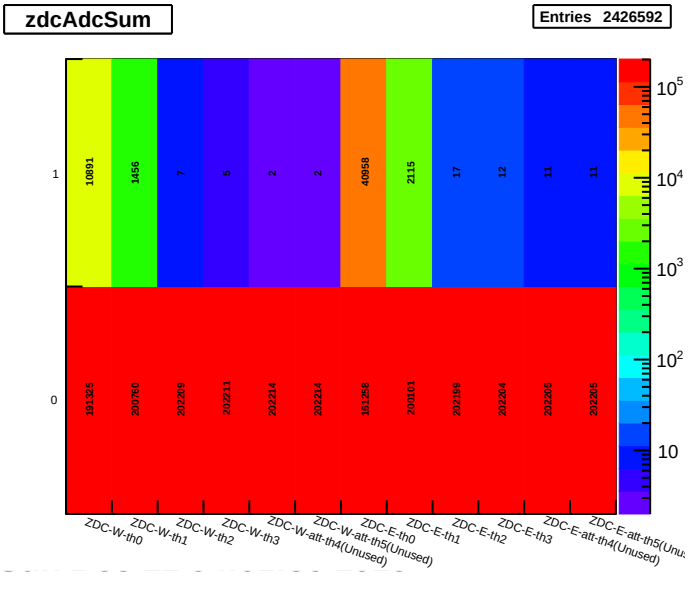

vpdWestTacMaxVsSimu
Entries 125725
Data
Simu

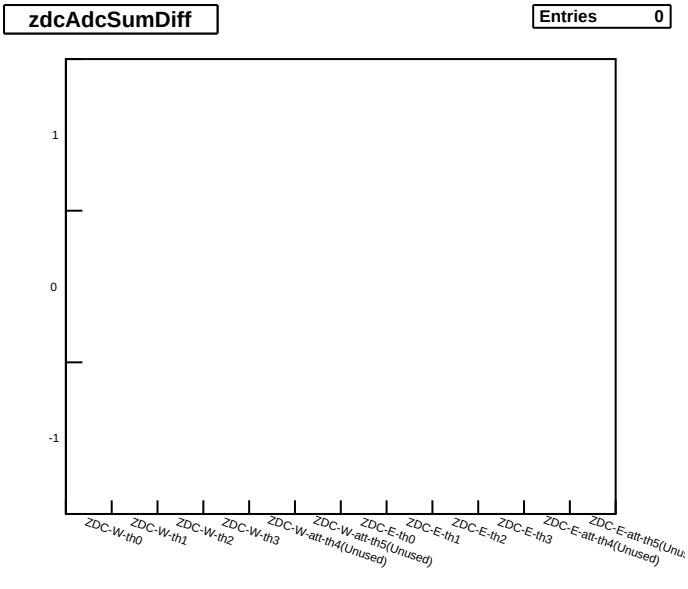

zdcEastTac
Entries 202216

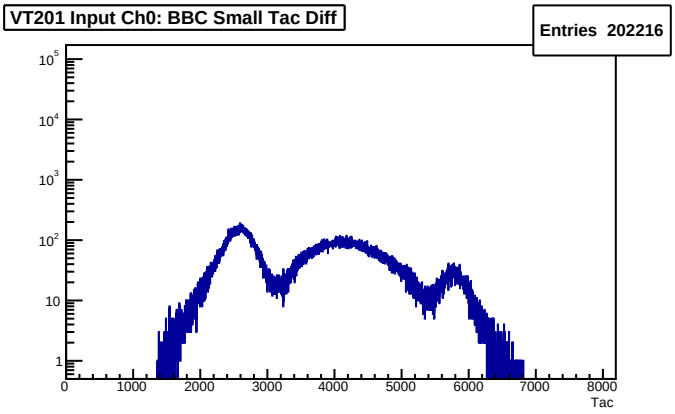

zdcEastTacVsSimu
Entries 463
Data
Simu

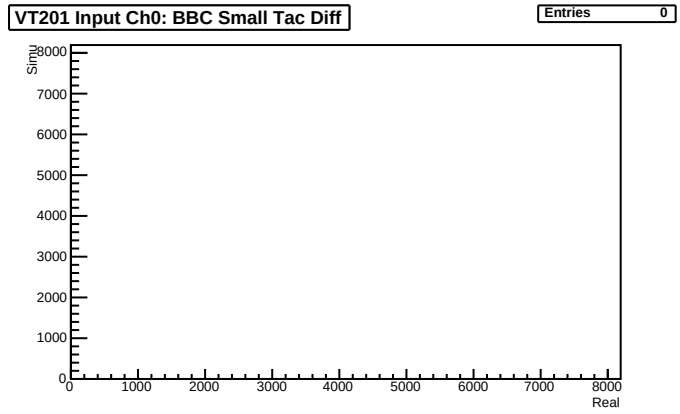

zdcWestTac
Entries 202216

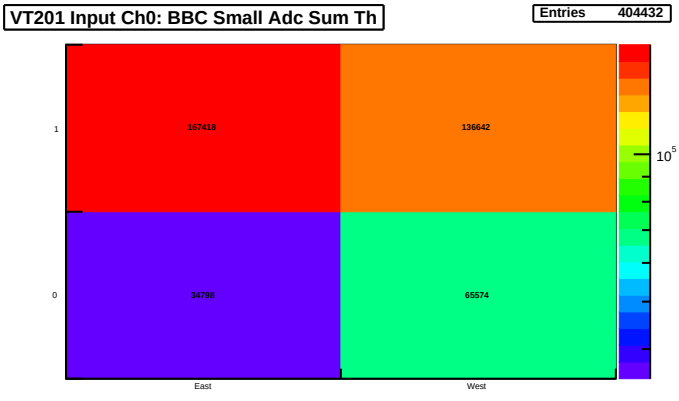

zdcWestTacVsSimu
Entries 775
Data
Simu

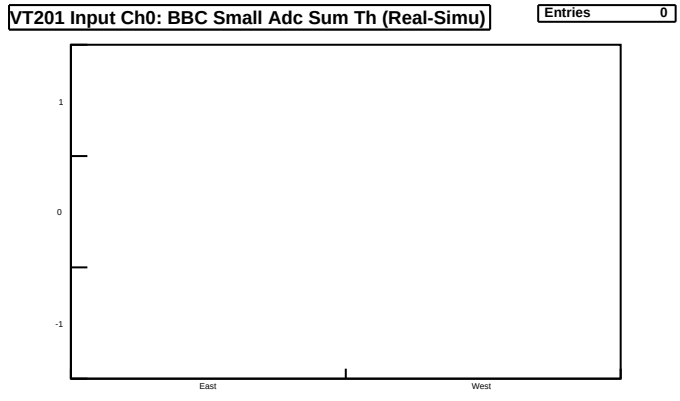

zdcAdcSum
Entries 2426592
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

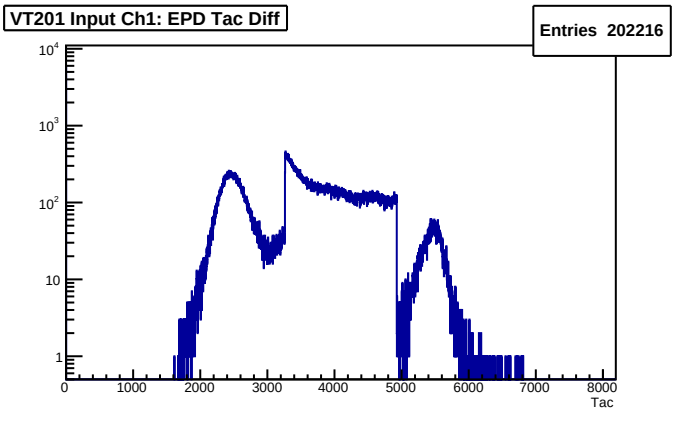

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

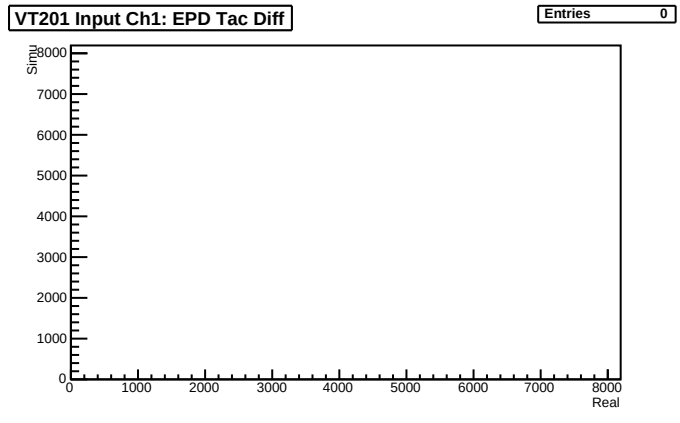

VT201 Input Ch0: BBC Small Tac Diff
Entries 202216
Tac

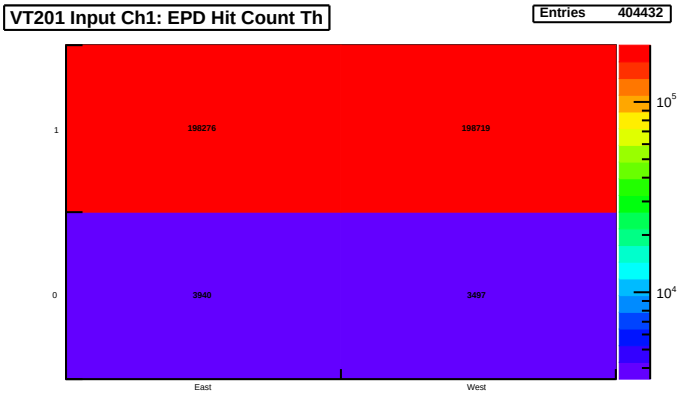

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

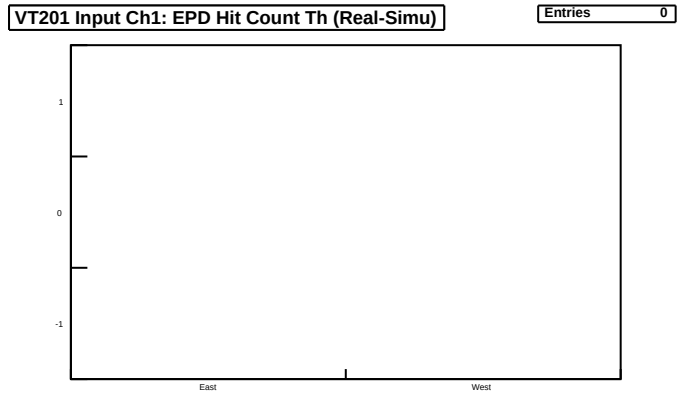

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 404432
167418
136642
34798
65574
East
West

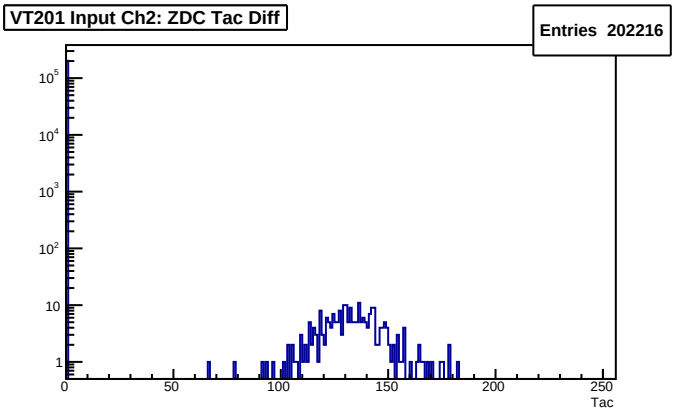

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

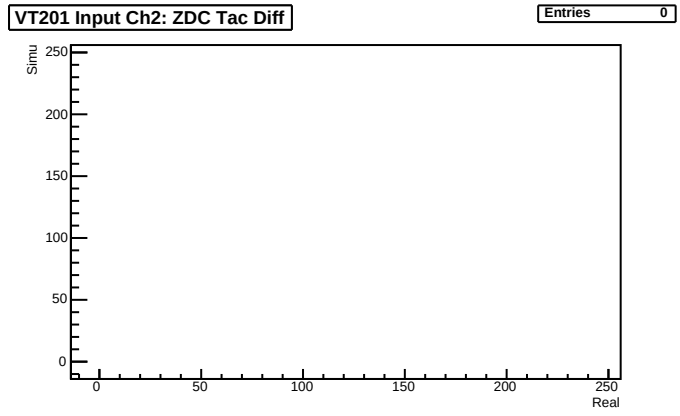

VT201 Input Ch1: EPD Tac Diff
Entries 202216
Tac

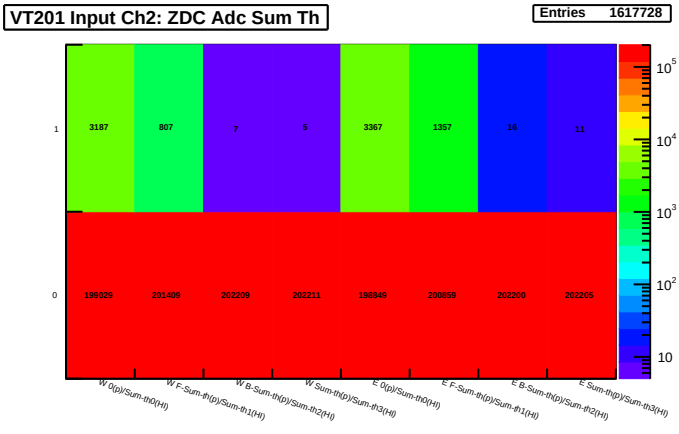

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

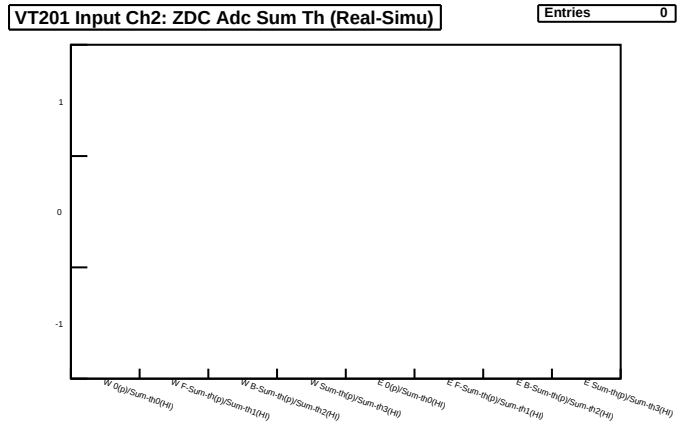

VT201 Input Ch1: EPD Hit Count Th
Entries 404432
198276
198719
3940
3497
East
West

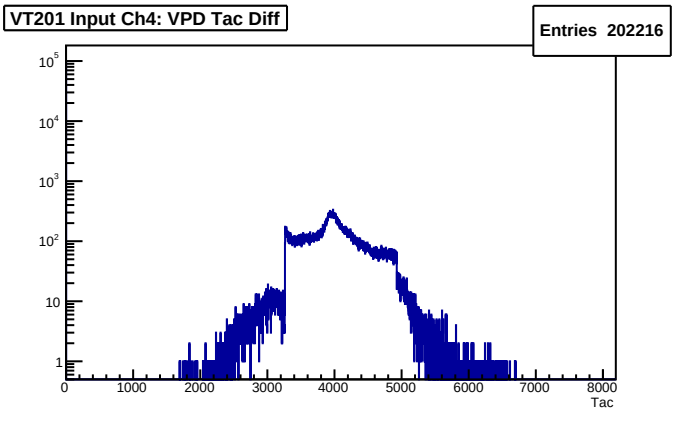

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

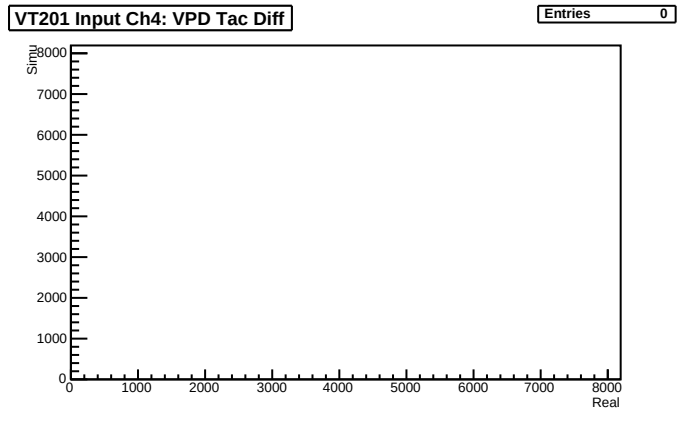

VT201 Input Ch2: ZDC Tac Diff
Entries 202216
Tac

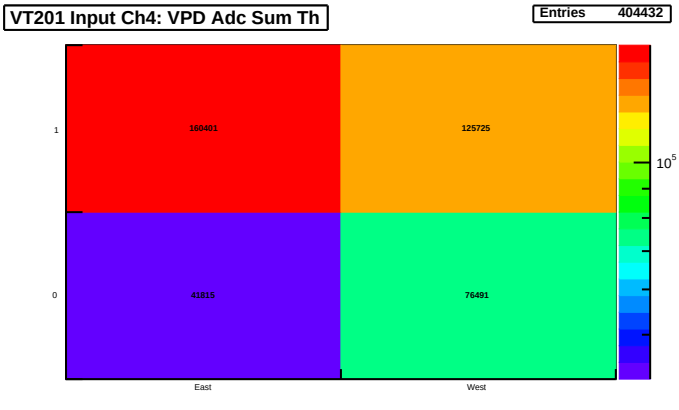

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

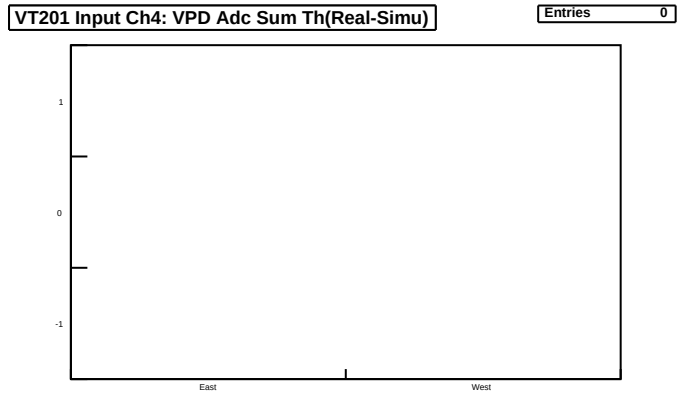

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1617728
3187
807
7
5
3367
1357
16
11
199029
201409
202209
202211
198849
200859
202200
202205
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

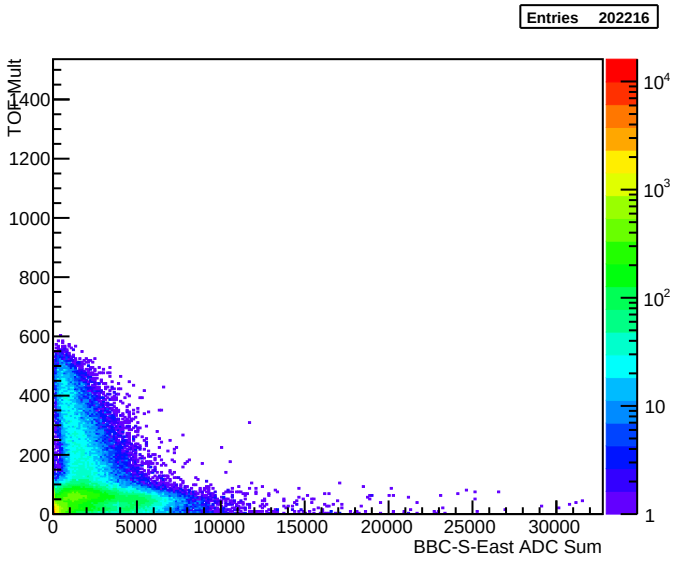

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

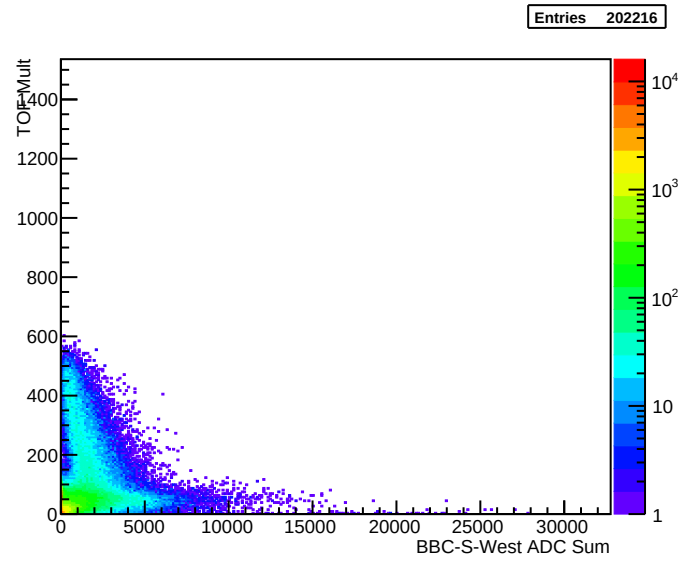

VT201 Input Ch4: VPD Tac Diff
Entries 202216
Tac

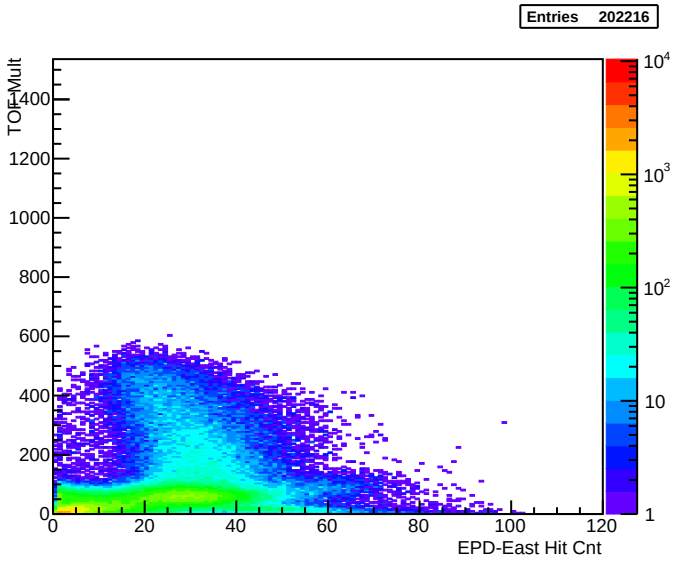

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

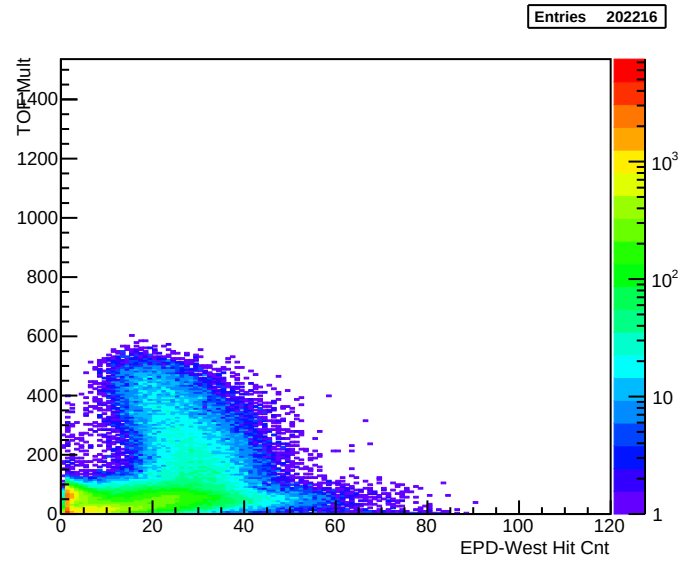

VT201 Input Ch4: VPD Adc Sum Th
Entries 404432
160401
125725
41815
76491
East
West

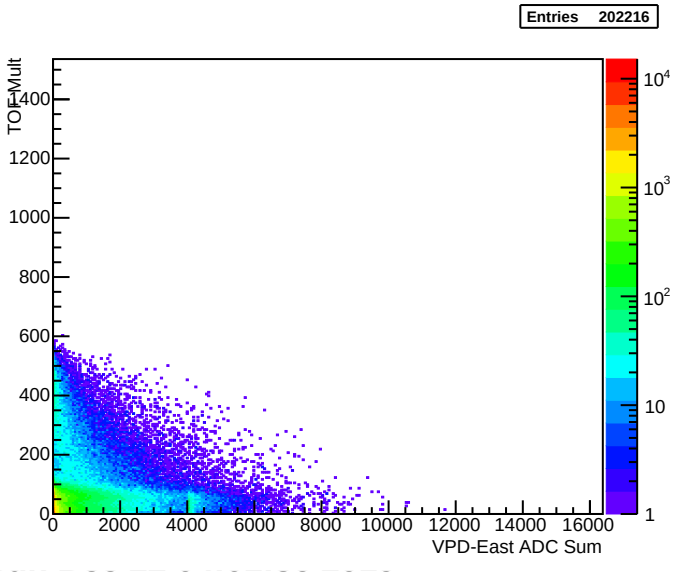

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

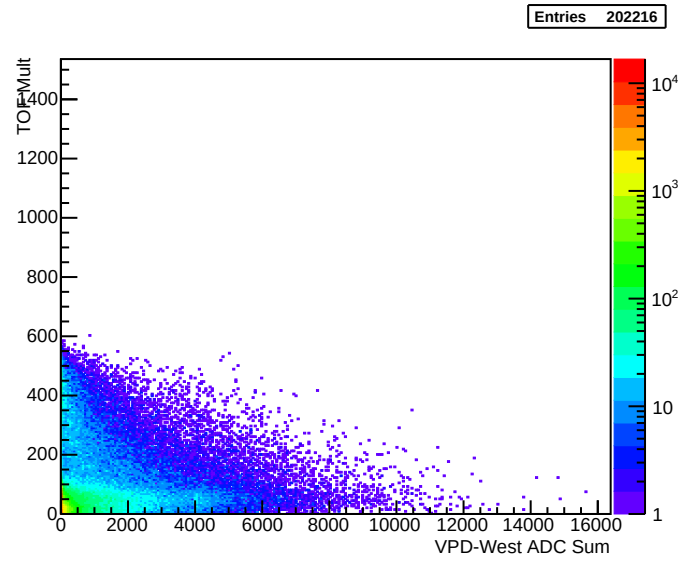

Entries 202216
TOF-Mult
BBC-S-East ADC Sum

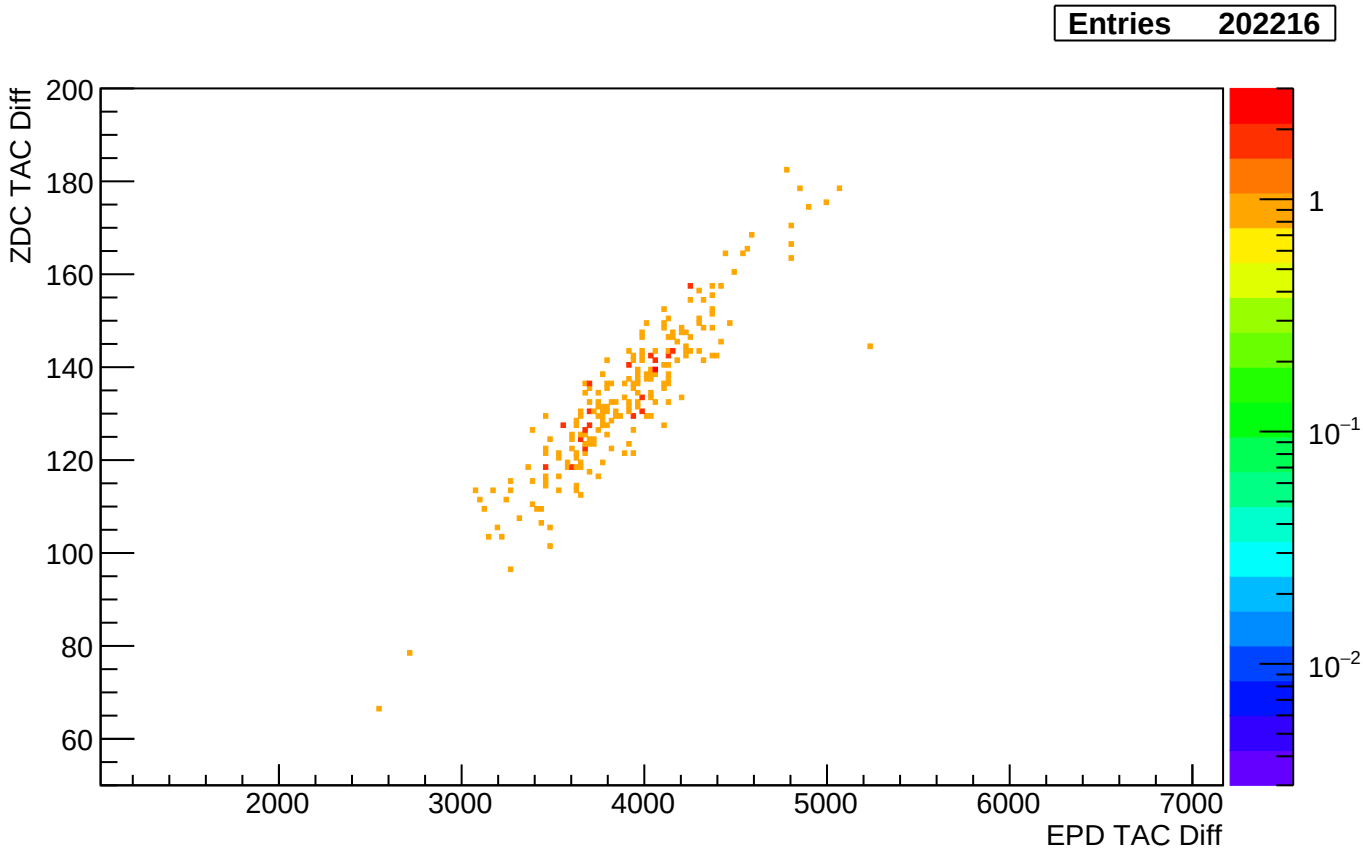

Entries 202216
TOF-Mult
BBC-S-West ADC Sum

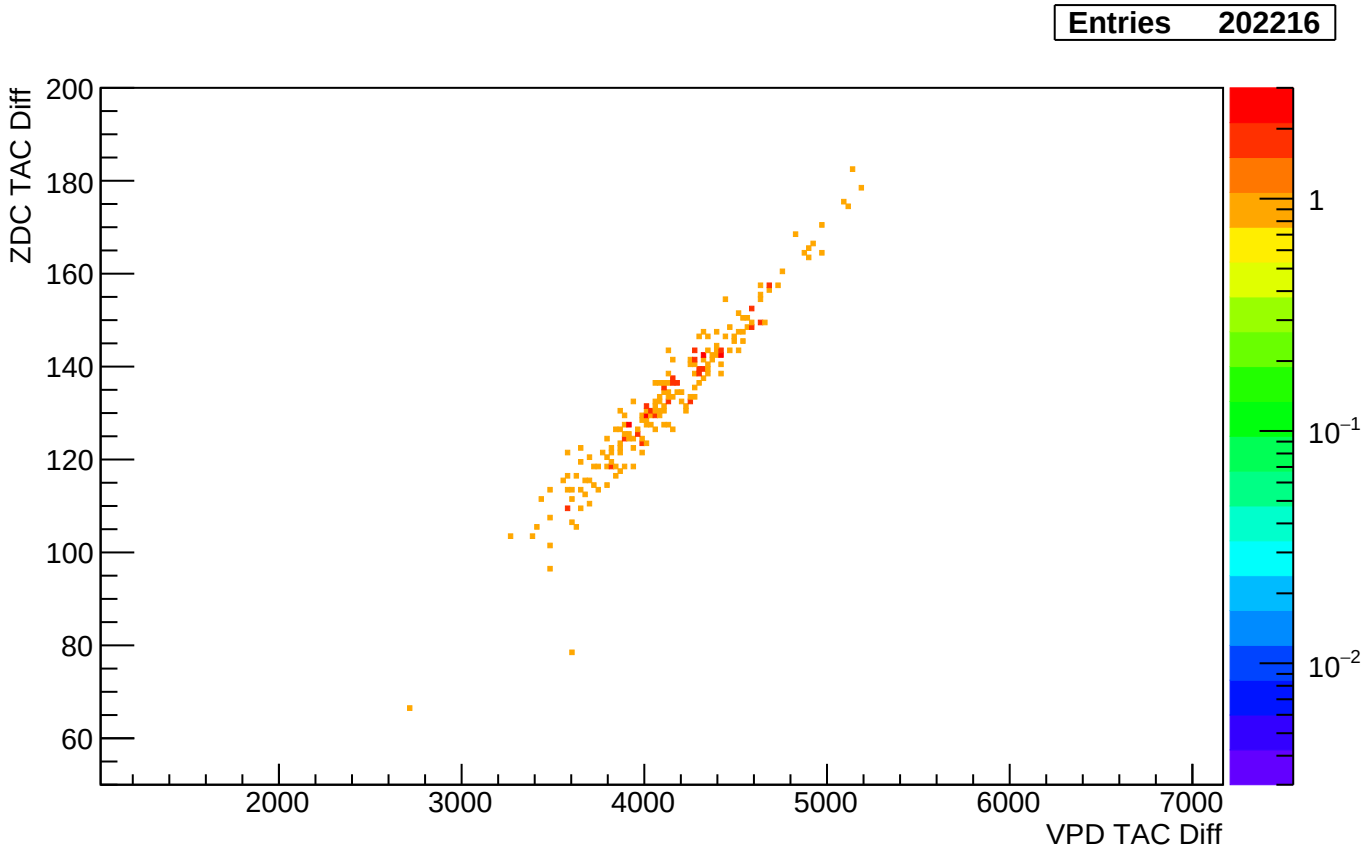

Entries 202216
TOF-Mult
EPD-East Hit Cnt

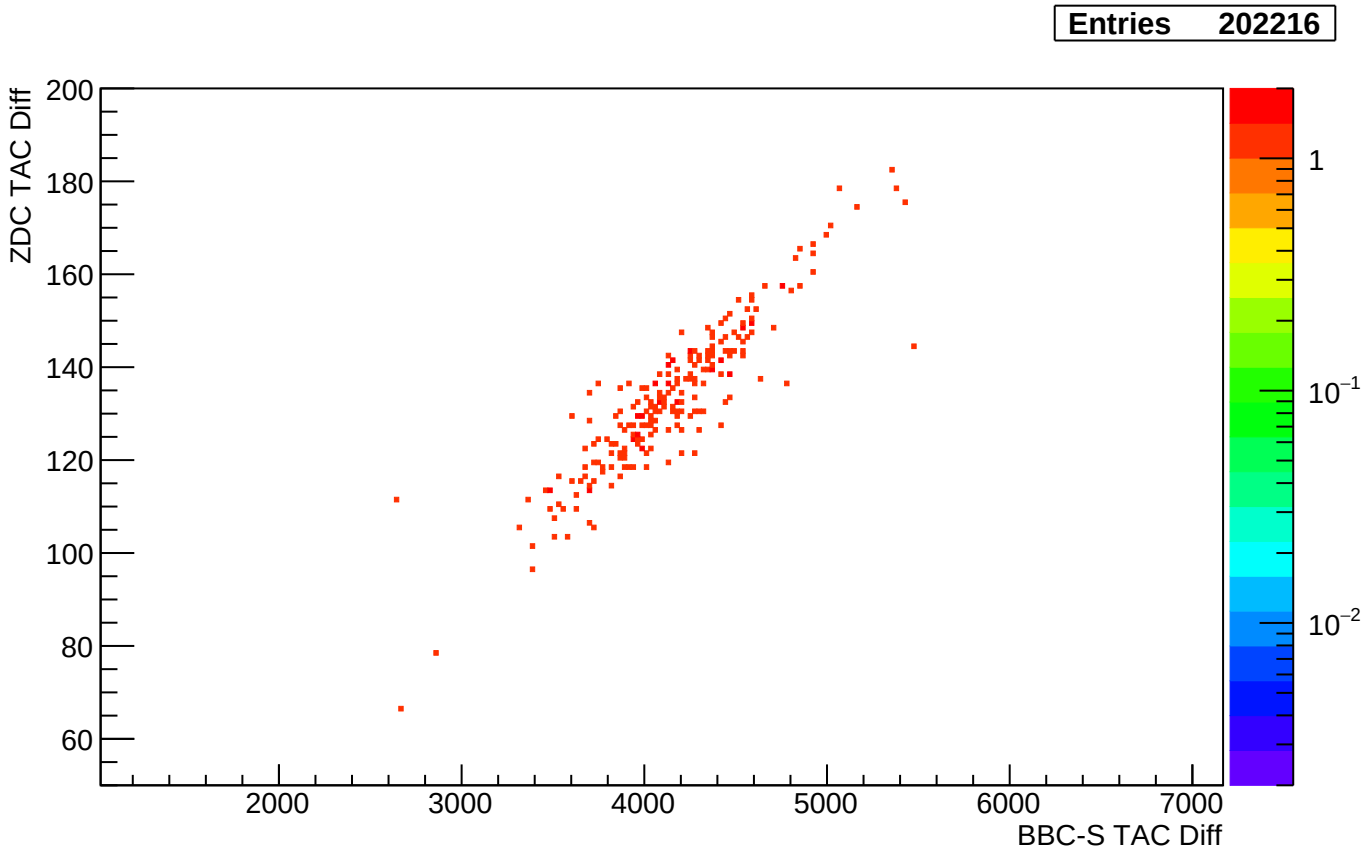

Entries 202216
TOF-Mult
EPD-West Hit Cnt

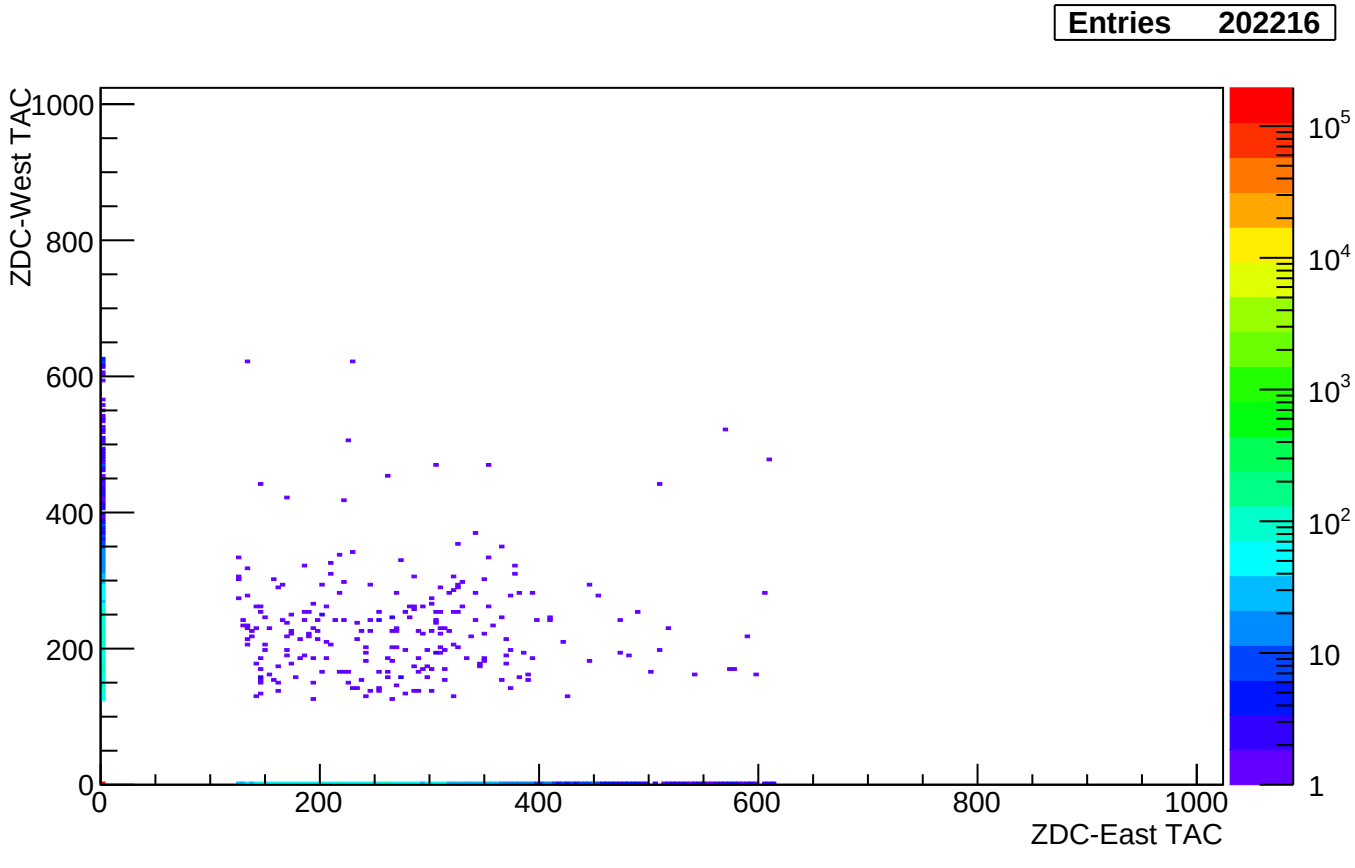

Entries 202216
TOF-Mult
VPD-East ADC Sum

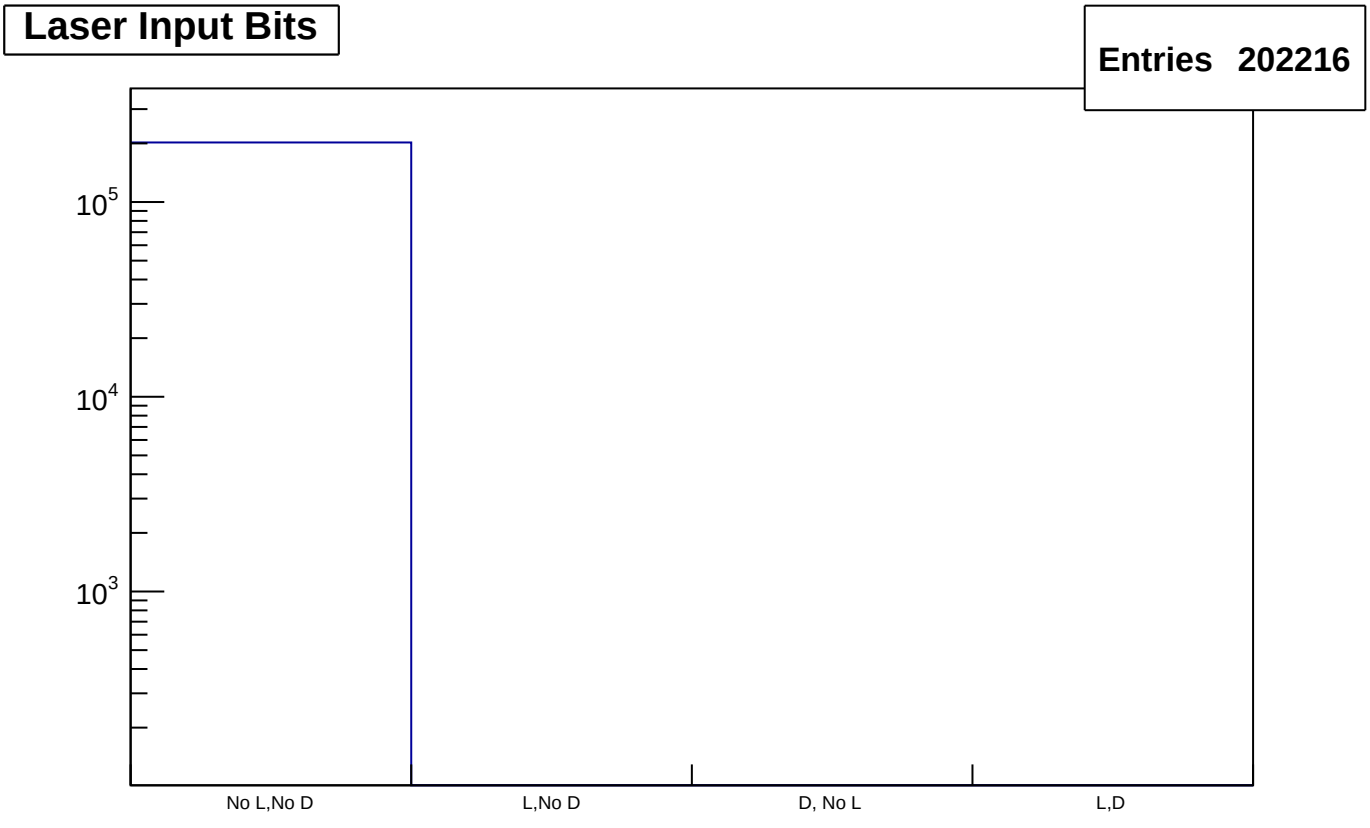

Entries 202216
TOF-Mult
VPD-West ADC Sum

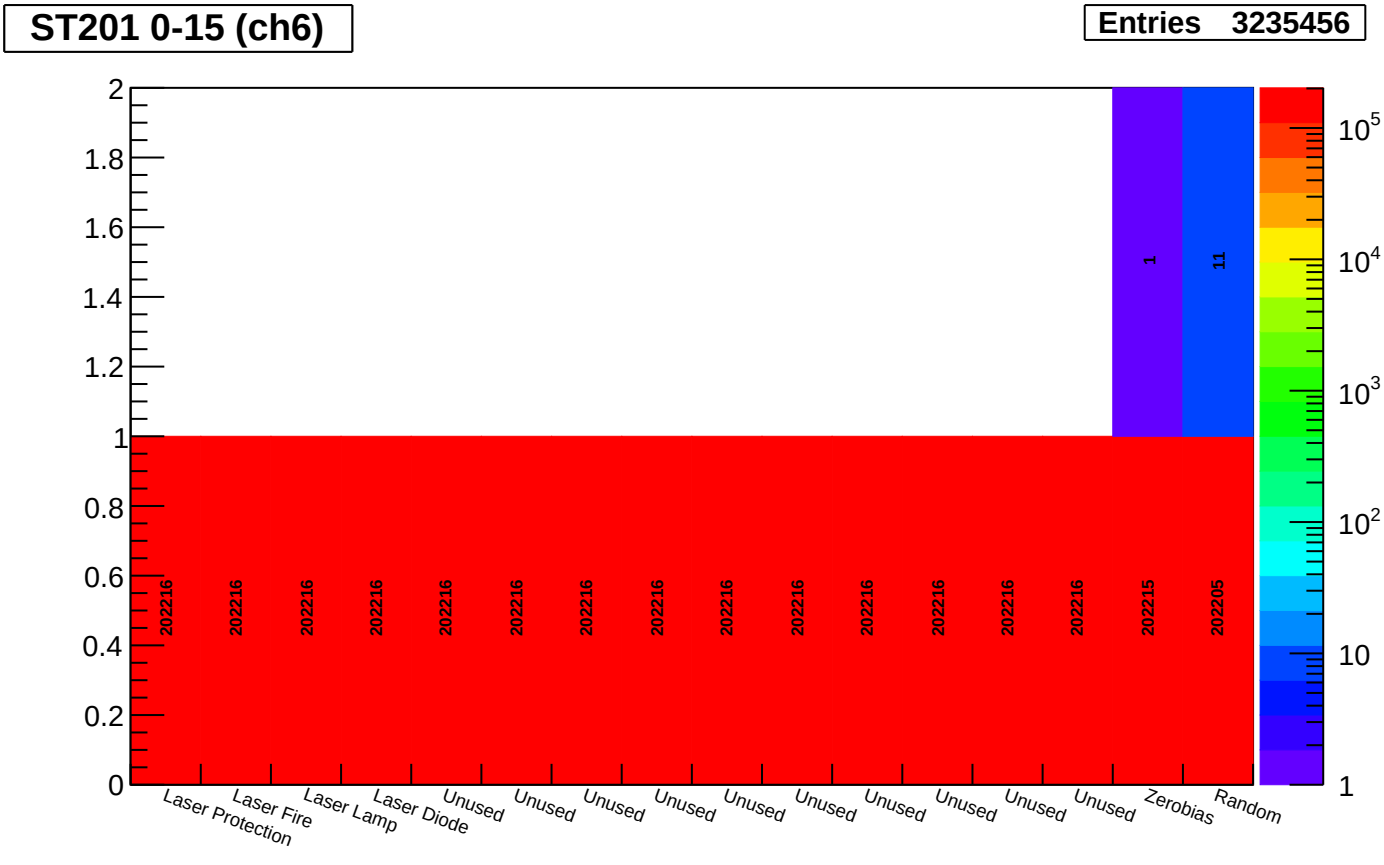

Entries 202216
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

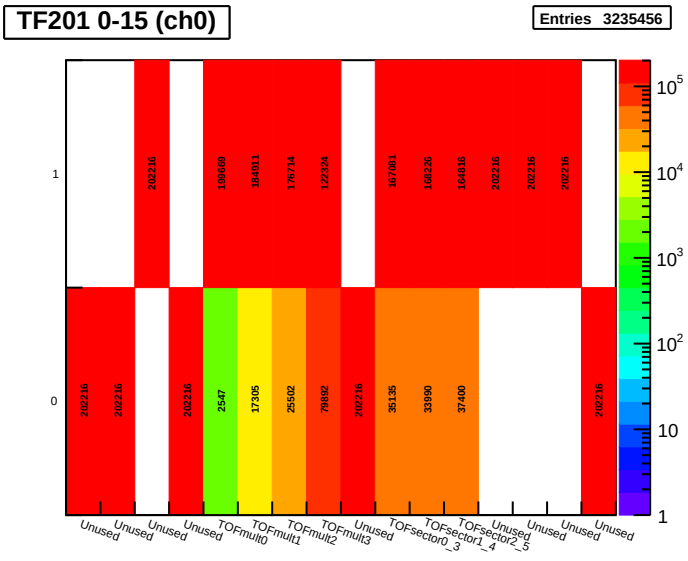

Entries 202216
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

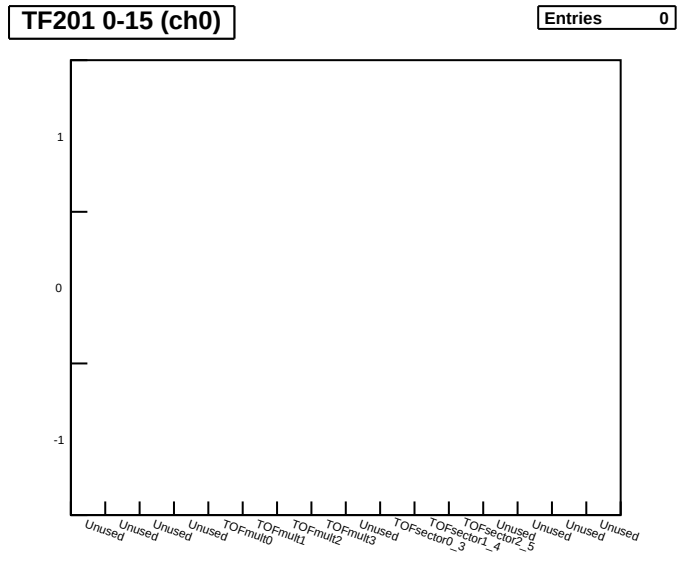

Entries 202216
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

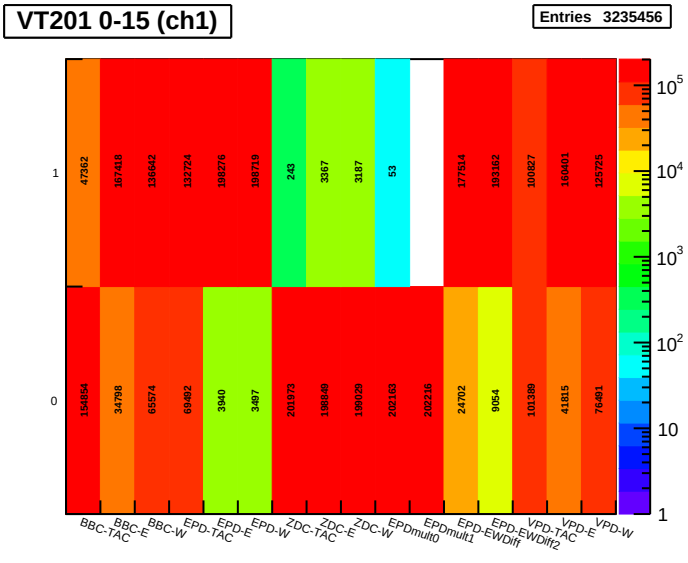

Entries 202216
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

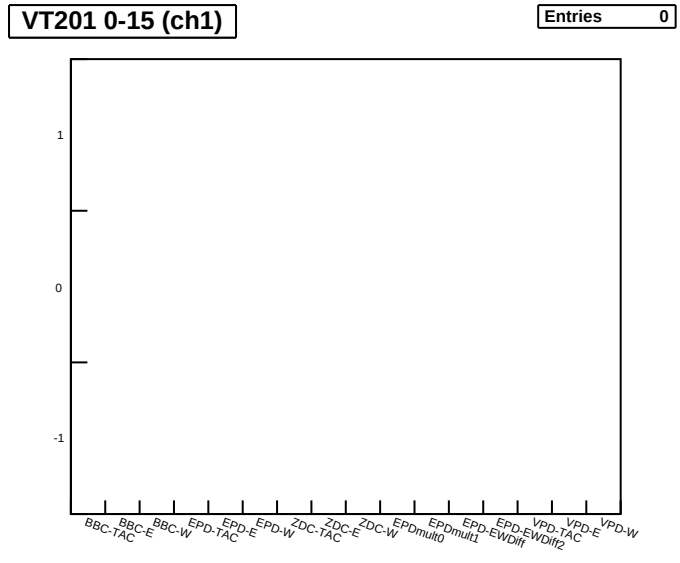

Laser Input Bits
Entries 202216
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

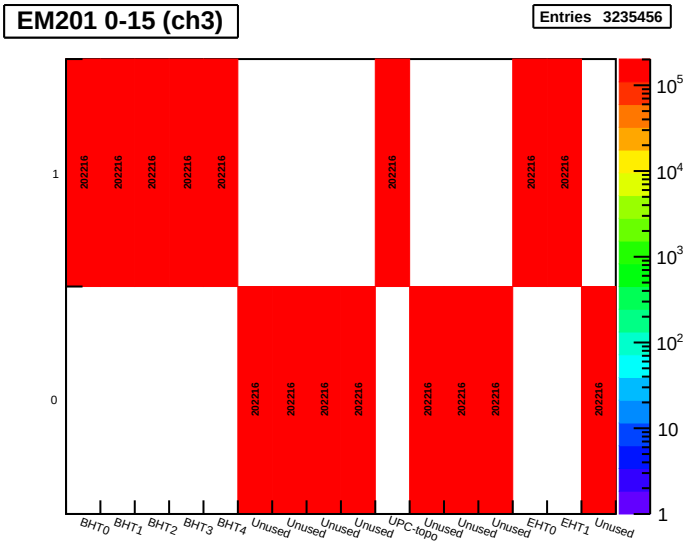

ST201 0-15 (ch6)
Entries 3235456
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202215
202205
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

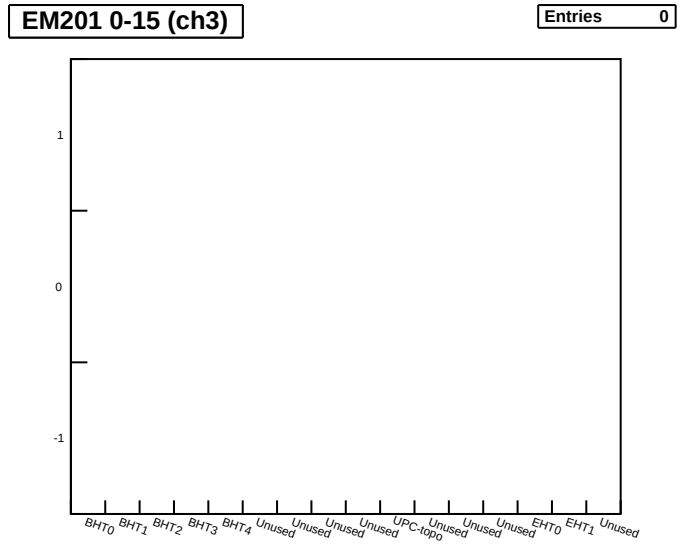

TF201 0-15 (ch0)
Entries 3235456
1
0
202216
190669
184911
176714
122324
167081
169226
164816
202216
202216
202216
202216
202216
2547
17305
25502
79892
202216
35135
33990
37400
202216
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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 3235456
1
0
47362
167418
136642
132724
198276
198719
243
3367
3187
53
177514
193162
100827
160401
125725
154854
34798
65574
69492
3940
3497
201973
198849
199029
202163
202216
24702
9054
101389
41815
76491
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 3235456
1
0
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
202216
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