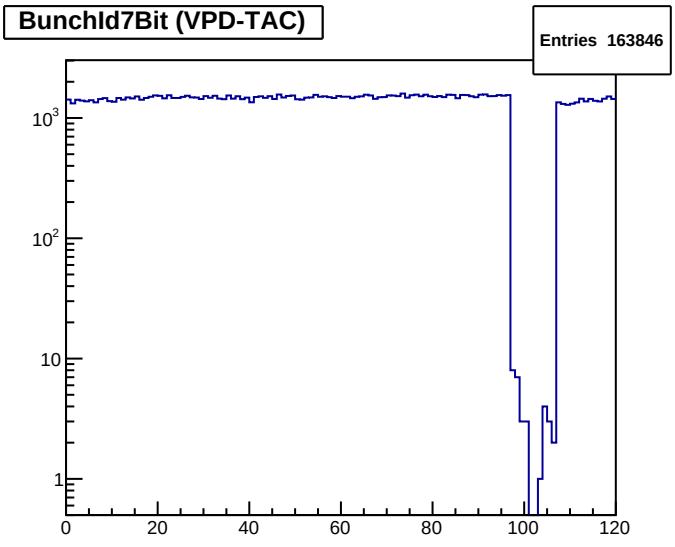
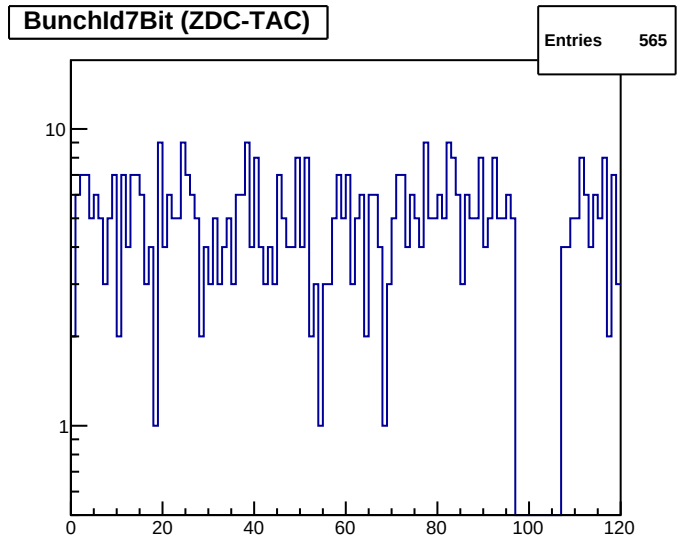
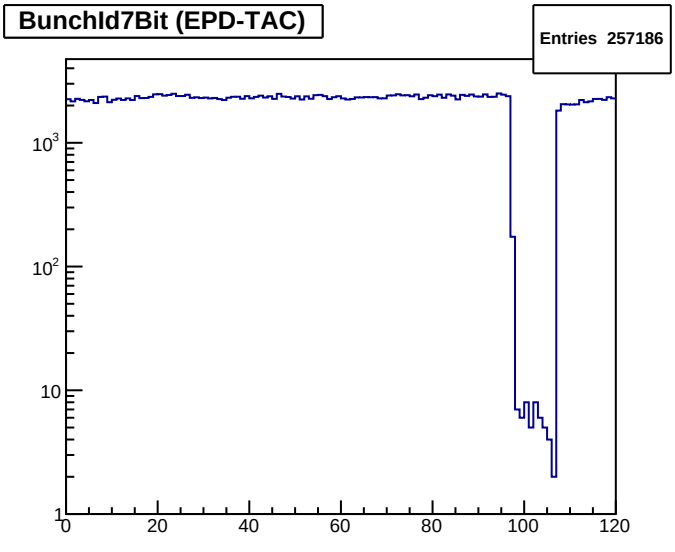
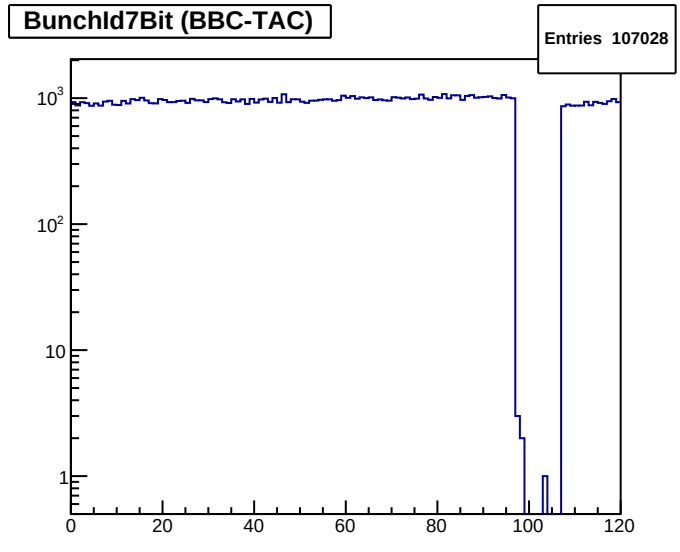
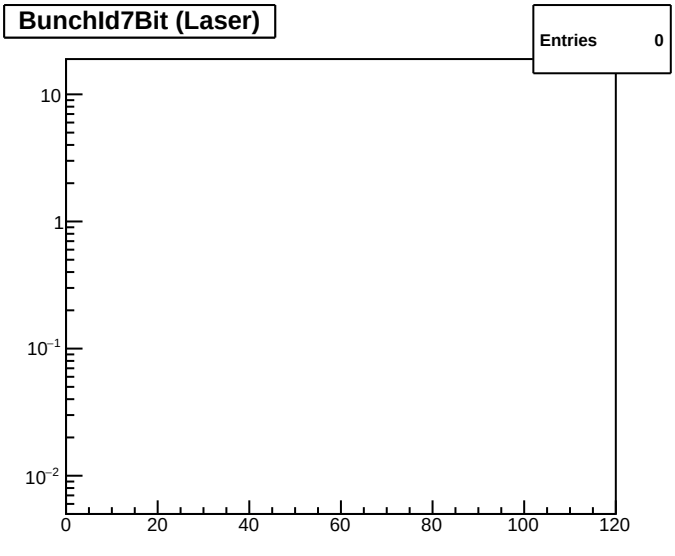
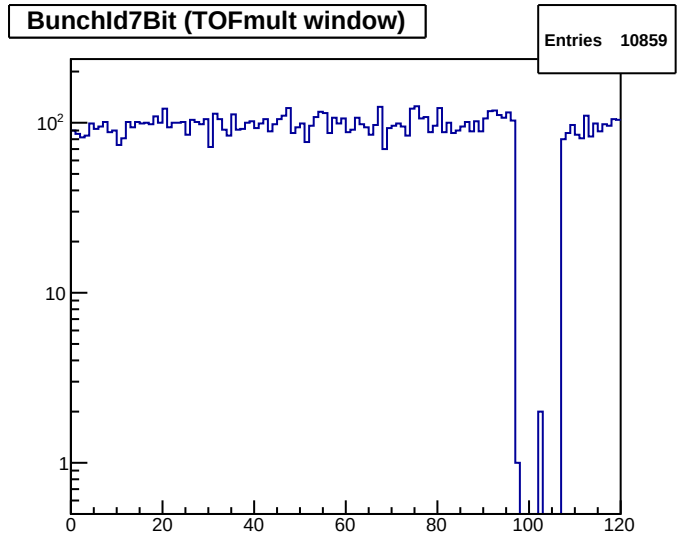

BunchId7Bit (VPD-TAC)
Entries 163846

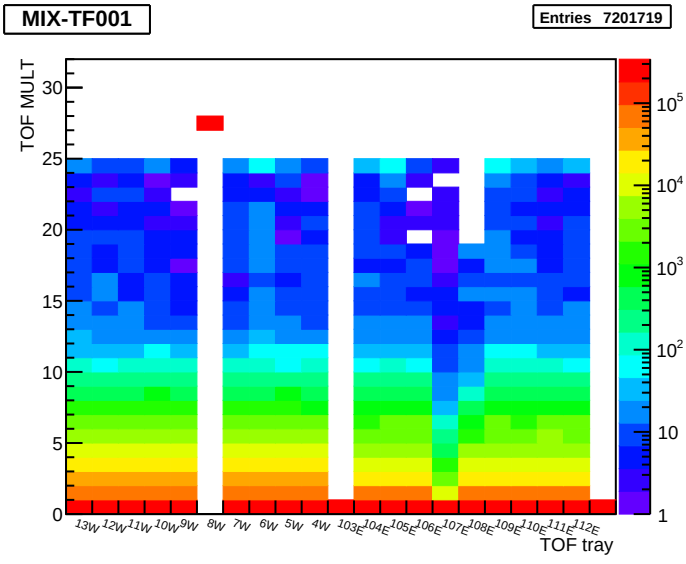

BunchId7Bit (ZDC-TAC)
Entries 565

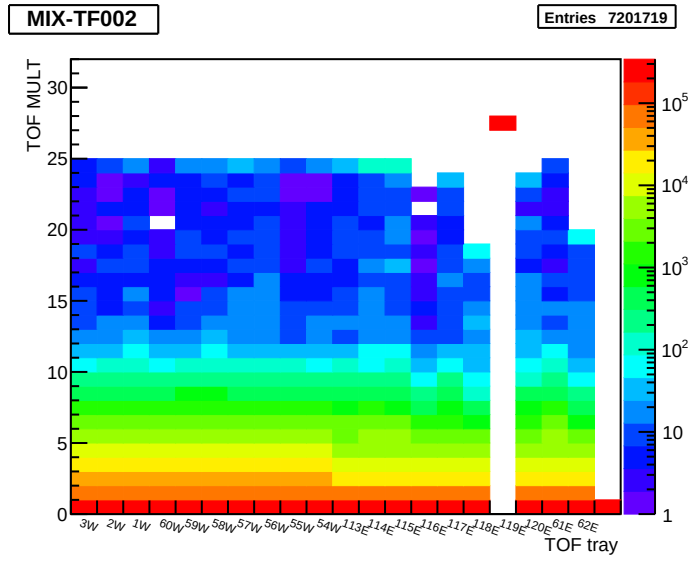

BunchId7Bit (EPD-TAC)
Entries 257186

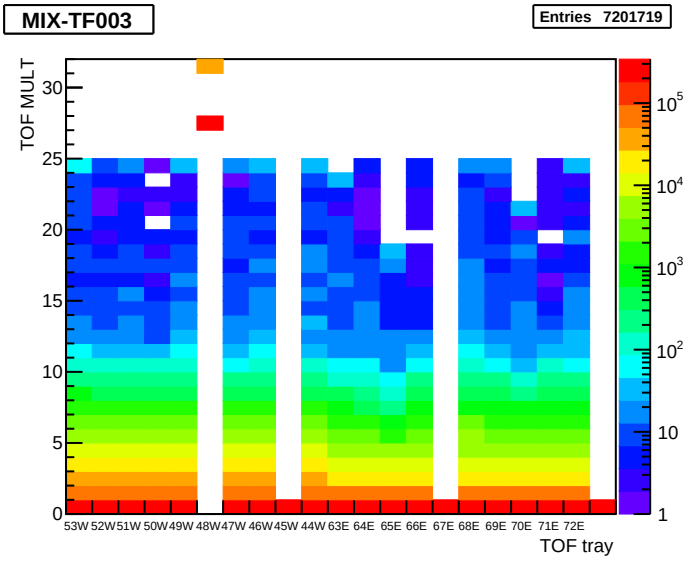

BunchId7Bit (BBC-TAC)
Entries 107028

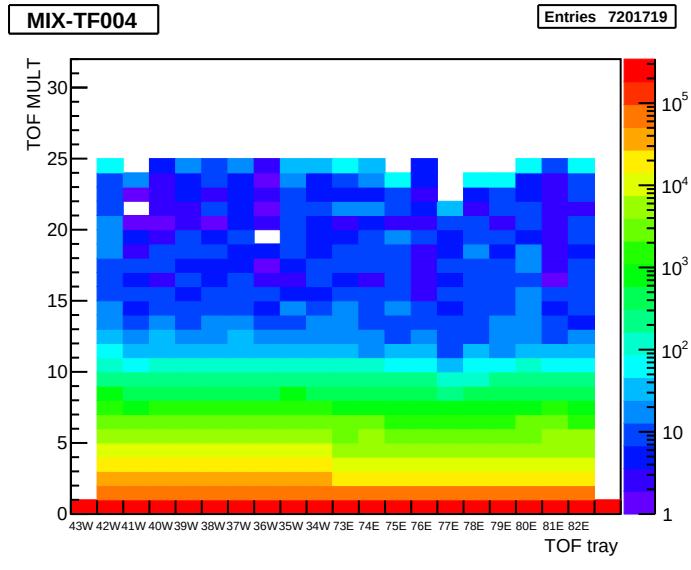

BunchId7Bit (Laser)
Entries 0

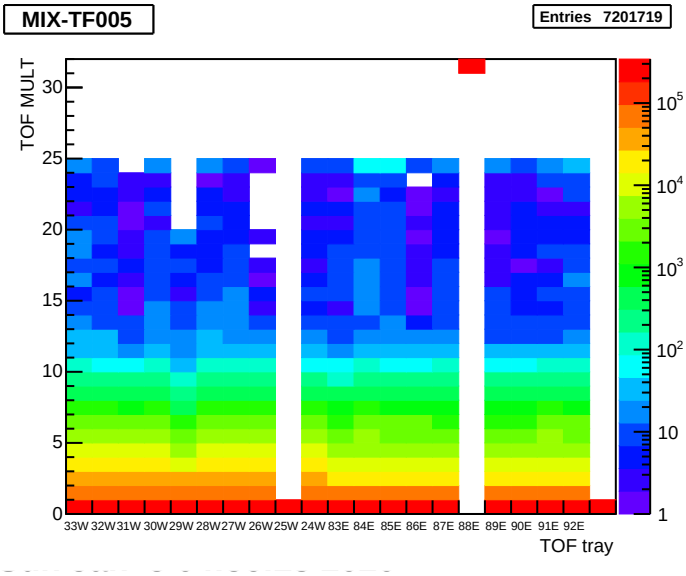

BunchId7Bit (TOFmult window)
Entries 10859

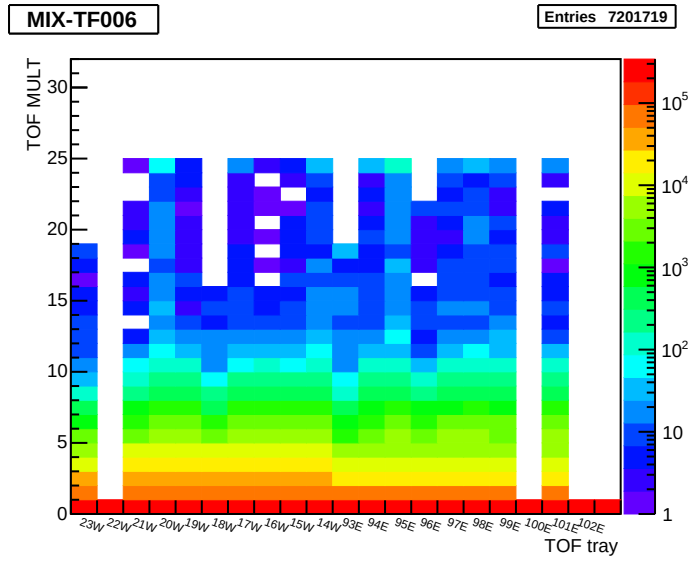

MIX-TF001
Entries 7201719
TOF MULT
TOF tray

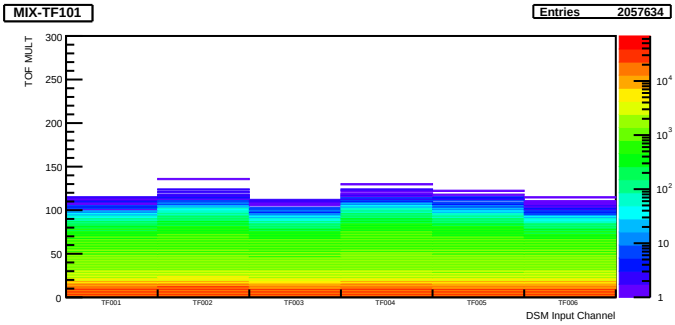

MIX-TF002
Entries 7201719
TOF MULT
TOF tray

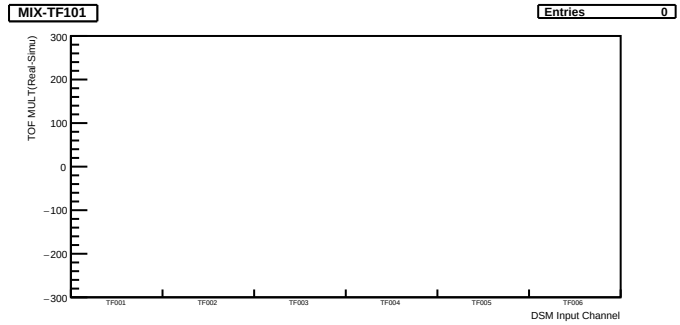

MIX-TF003
Entries 7201719
TOF MULT
TOF tray

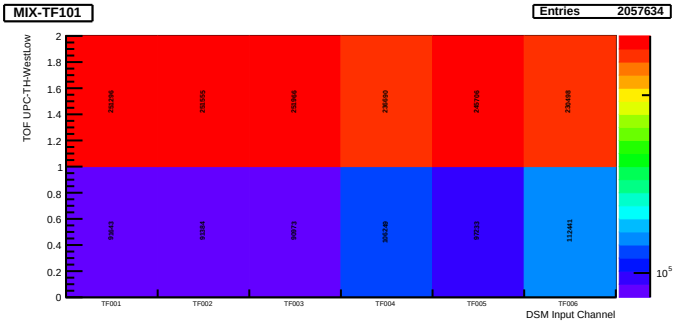

MIX-TF004
Entries 7201719
TOF MULT
TOF tray

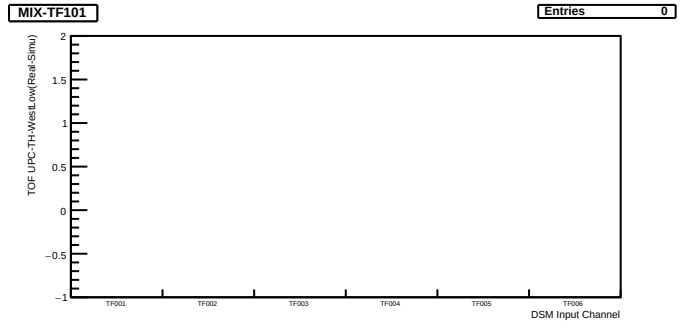

MIX-TF005
Entries 7201719
TOF MULT
TOF tray

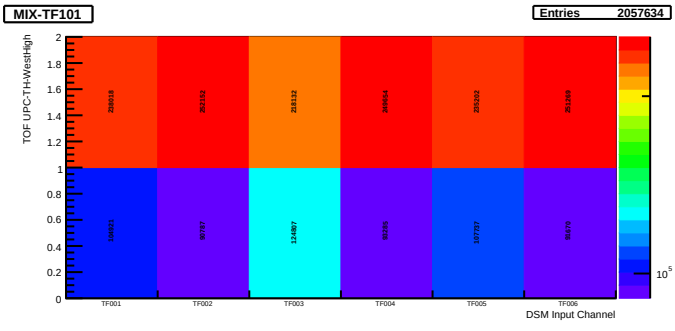

MIX-TF006
Entries 7201719
TOF MULT
TOF tray

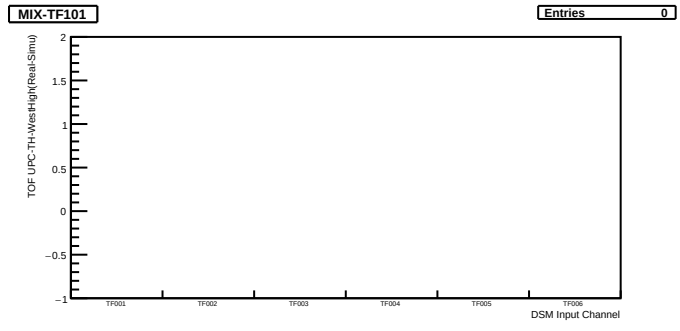

MIX-TF101
Entries 2057634
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

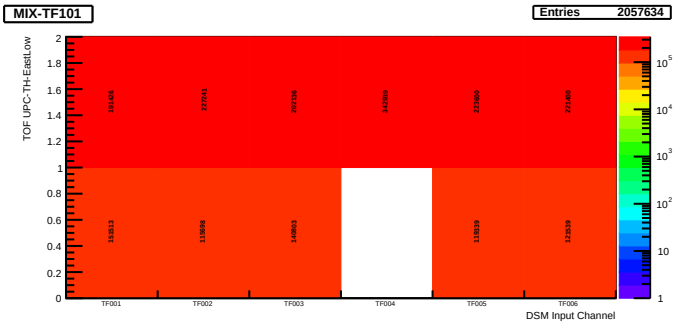

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

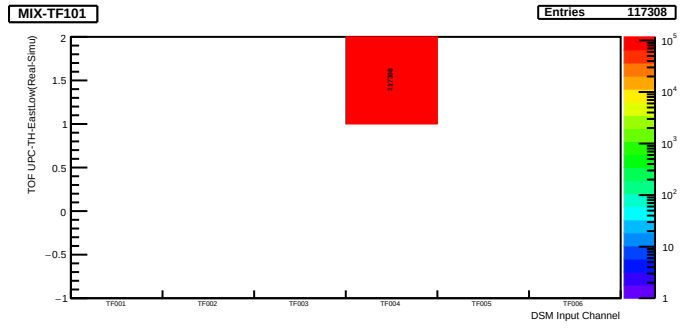

MIX-TF101
Entries 2057634
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

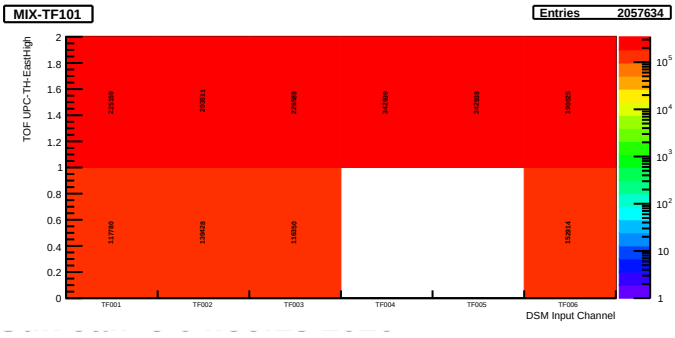

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

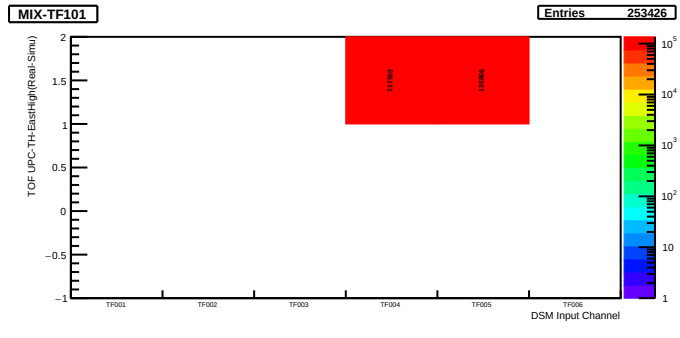

MIX-TF101
Entries 2057634
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

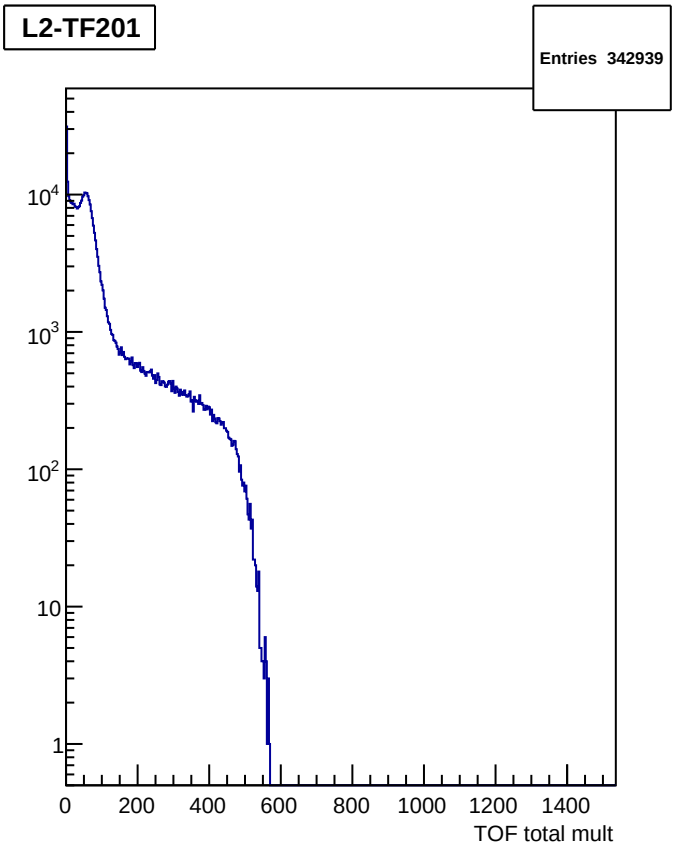

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

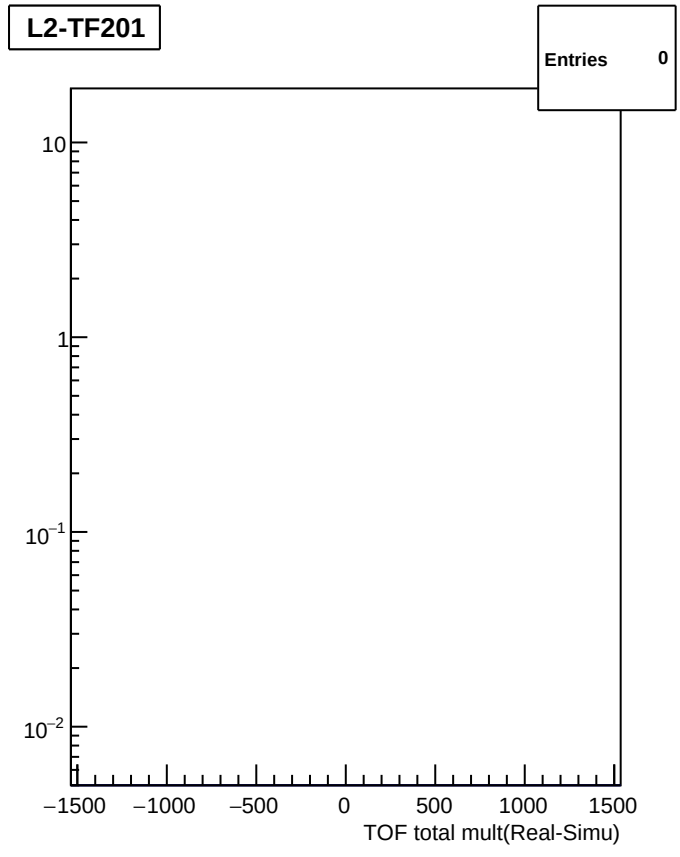

MIX-TF101
Entries 2057634
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

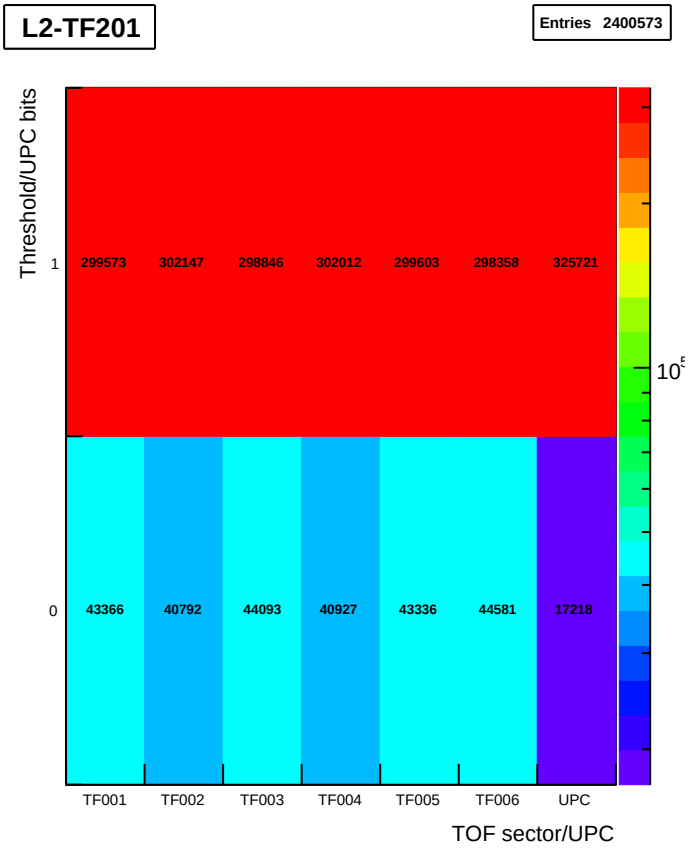

MIX-TF101
Entries 117308
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

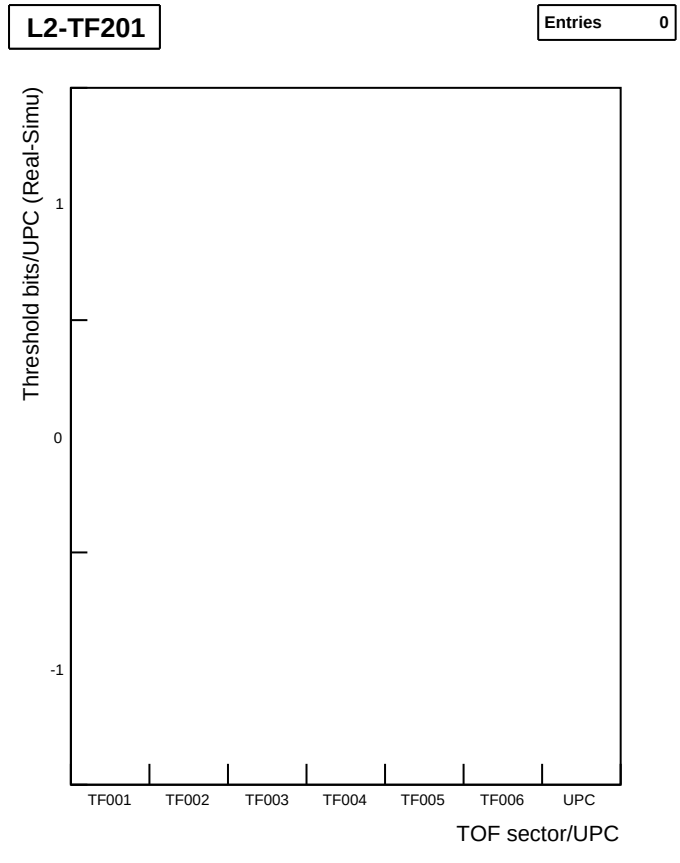

MIX-TF101
Entries 2057634
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

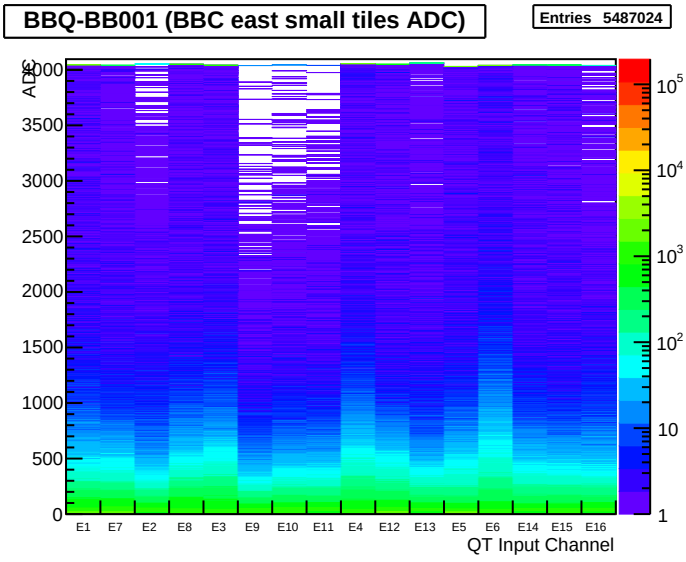

MIX-TF101
Entries 253426
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

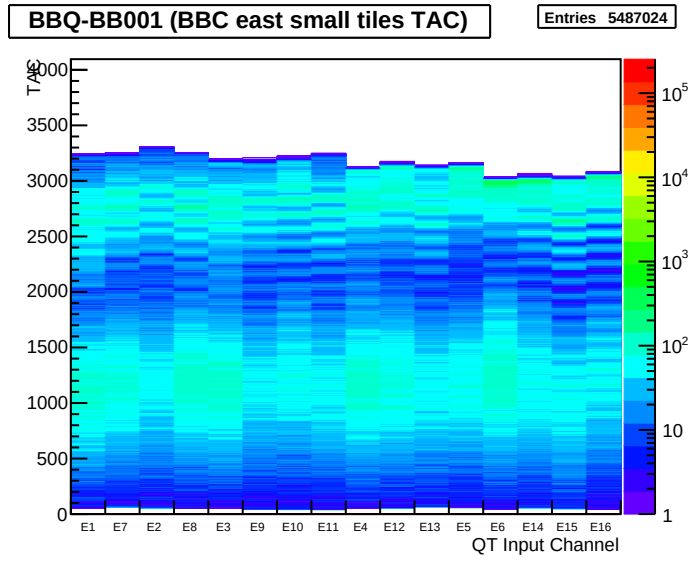

L2-TF201
Entries 342939
TOF total mult

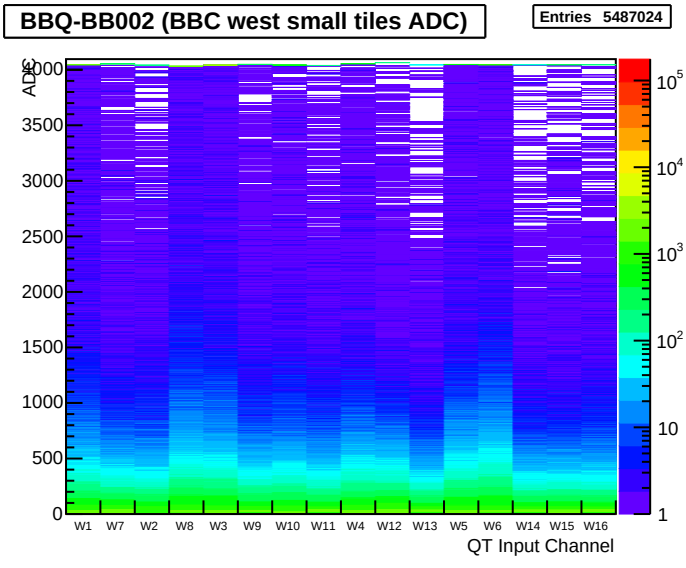

L2-TF201
Entries 0
TOF total mult(Real-Simu)

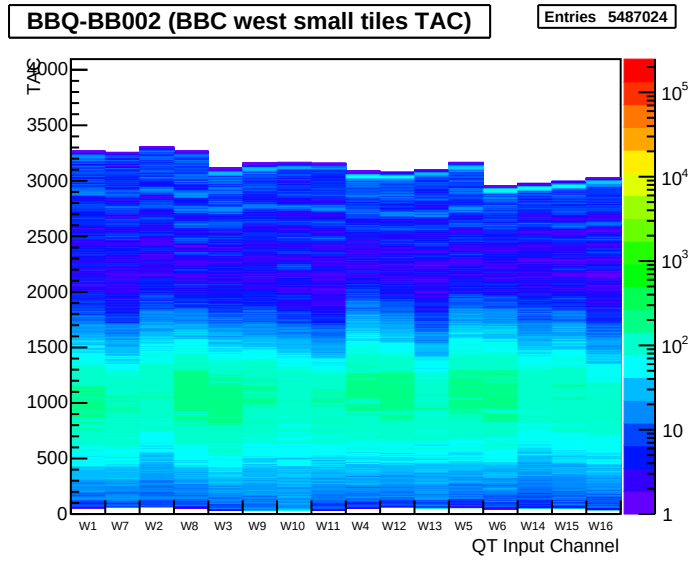

L2-TF201
Entries 2400573
Threshold/UPC bits
299573
302147
298846
302012
299603
298358
325721
43366
40792
44093
40927
43336
44581
17218
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

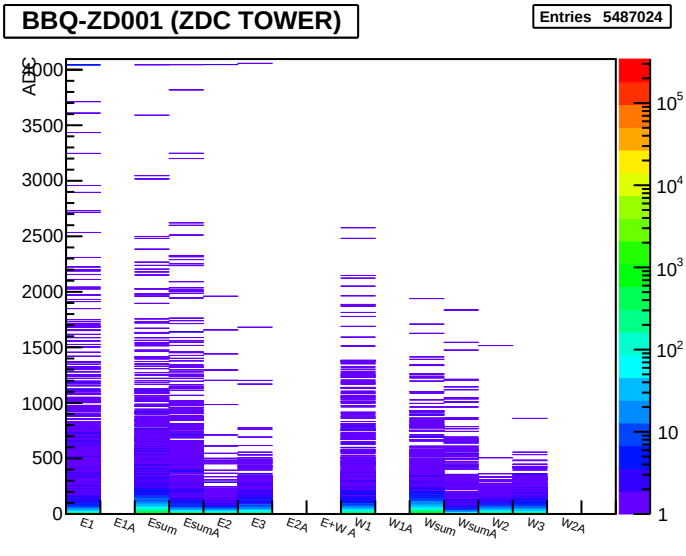

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

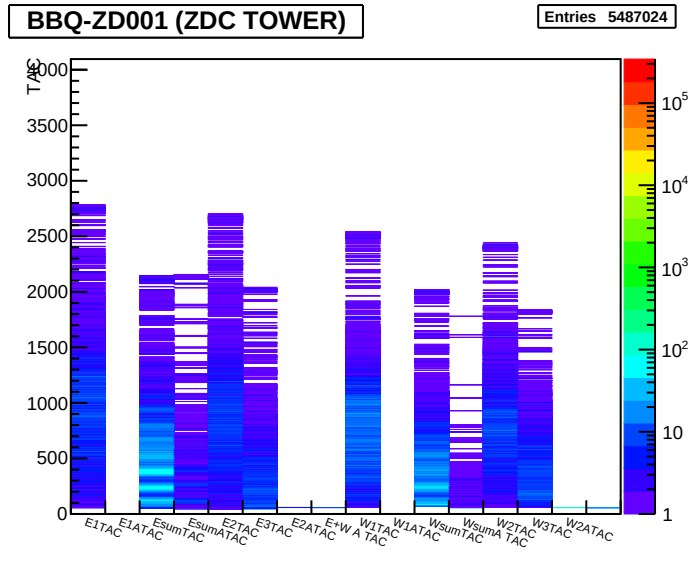

BBQ-BB001 (BBC east small tiles ADC)
Entries 5487024
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

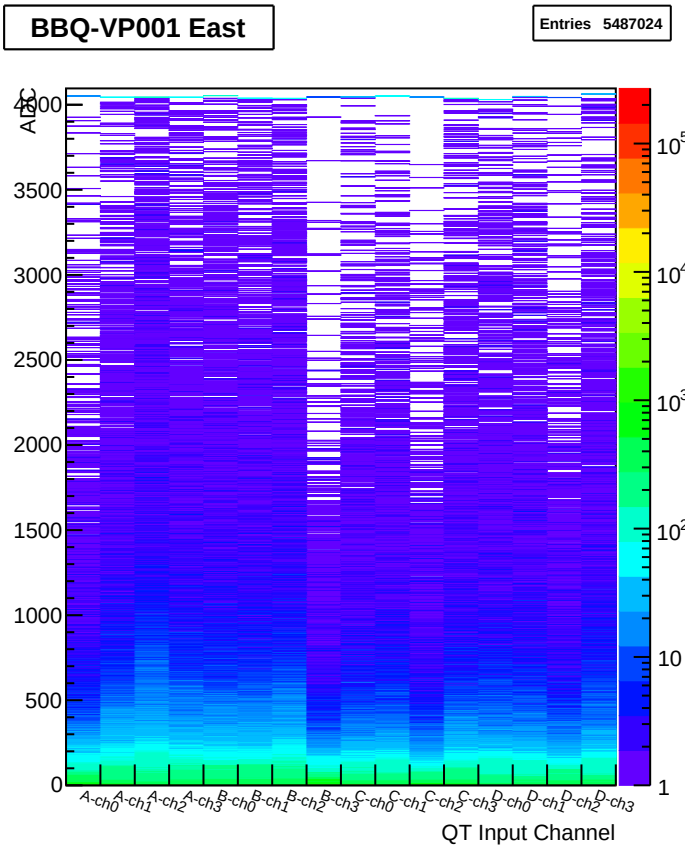

BBQ-BB001 (BBC east small tiles TAC)
Entries 5487024
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

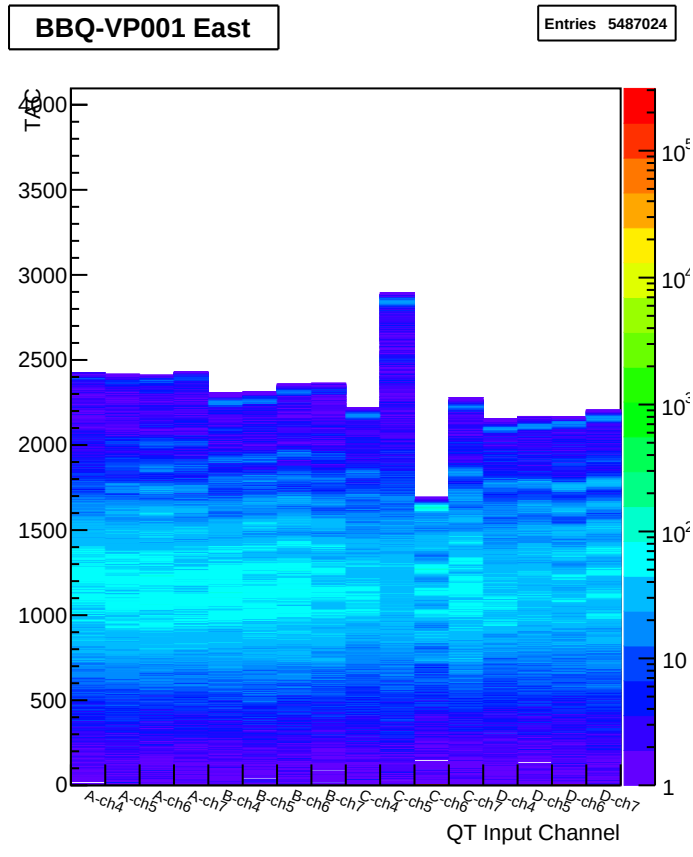

BBQ-BB002 (BBC west small tiles ADC)
Entries 5487024
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

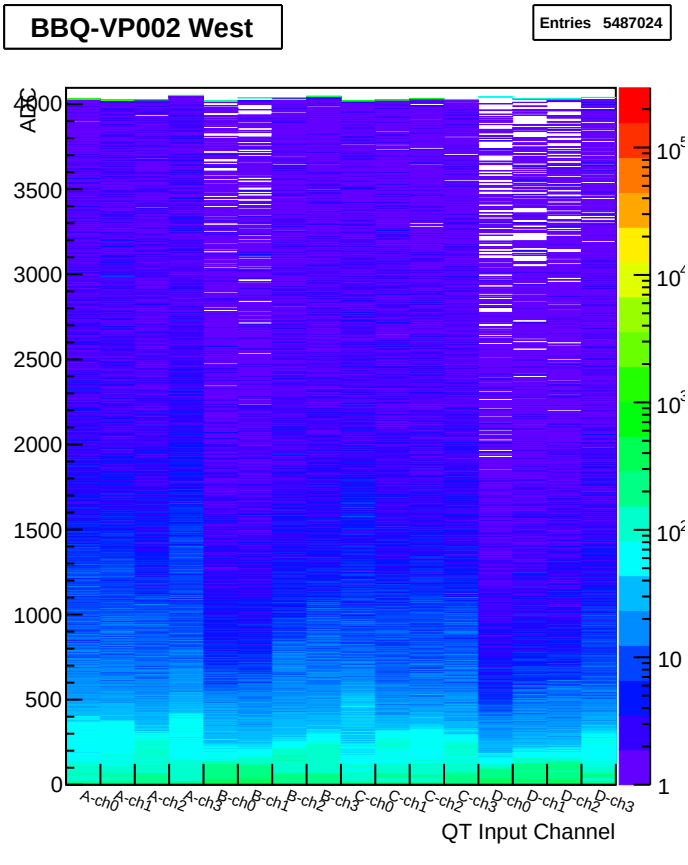

BBQ-BB002 (BBC west small tiles TAC)
Entries 5487024
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

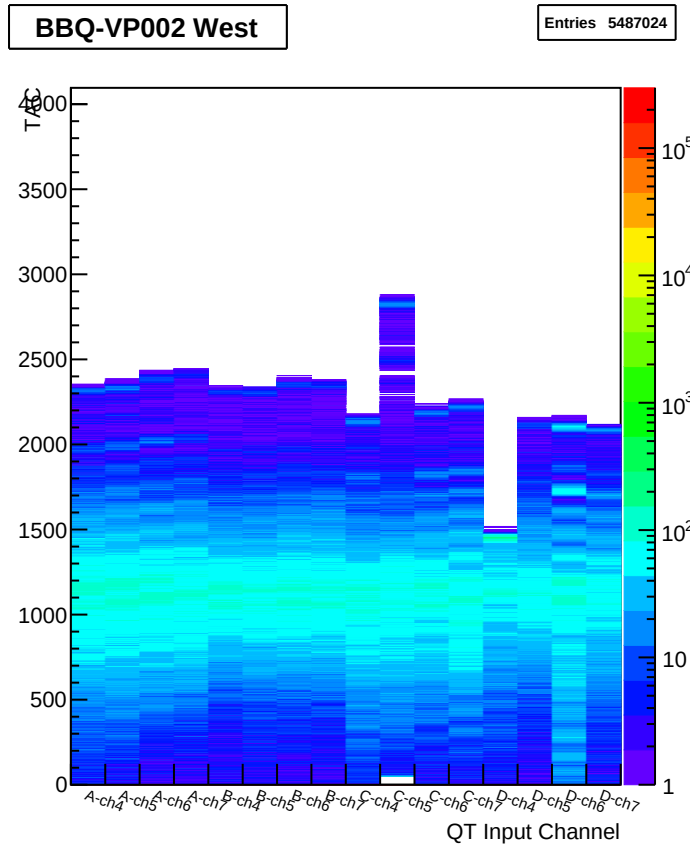

BBQ-ZD001 (ZDC TOWER)
Entries 5487024
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

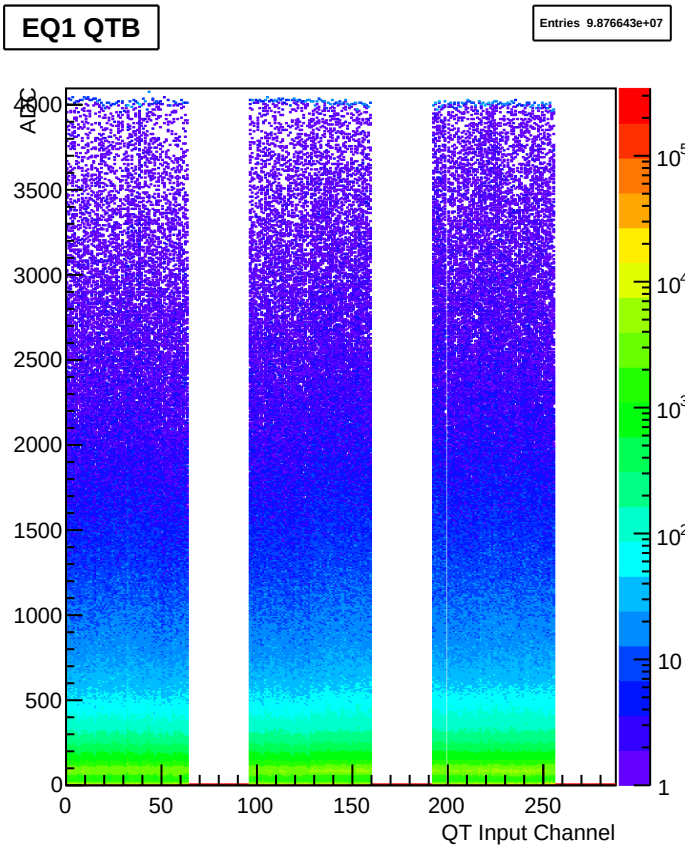

BBQ-ZD001 (ZDC TOWER)
Entries 5487024
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

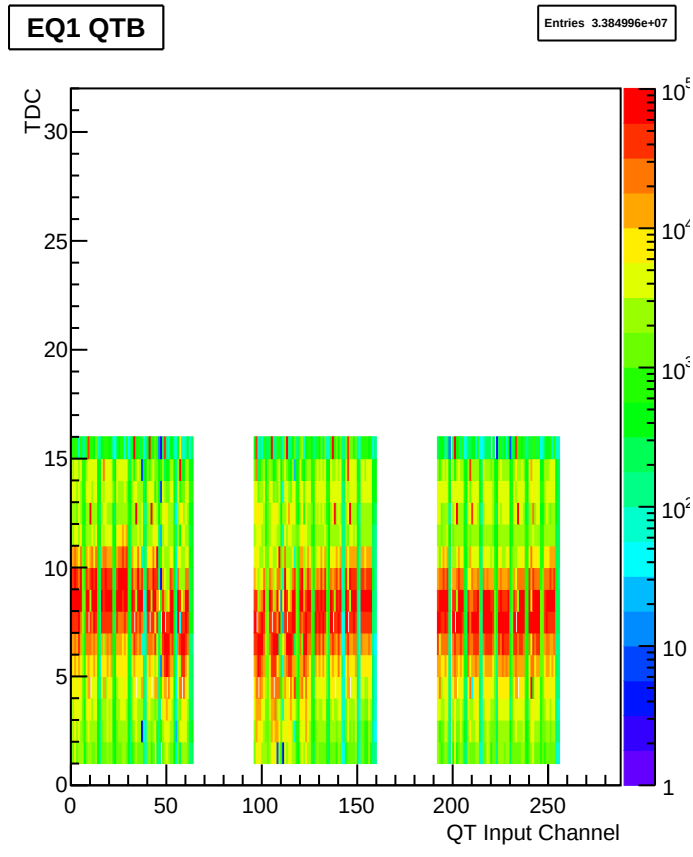

BBQ-VP001 East
Entries 5487024
ADC
QT Input Channel

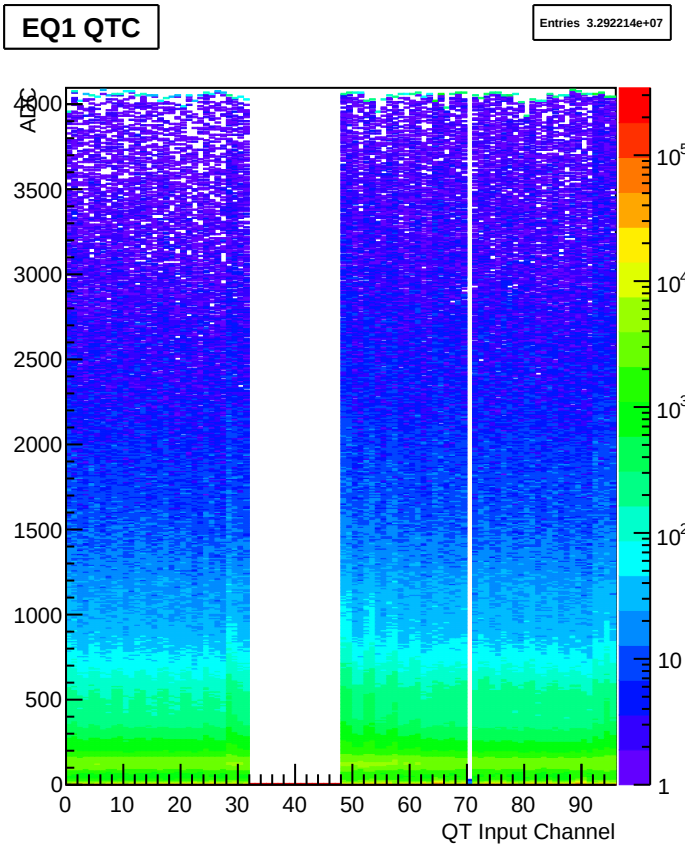

BBQ-VP001 East
Entries 5487024
TADC
QT Input Channel

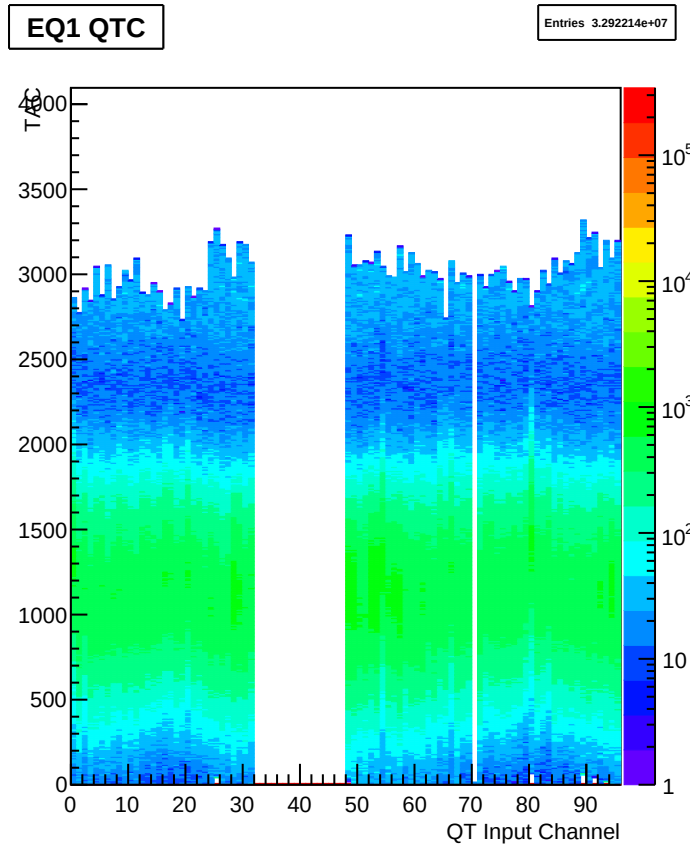

BBQ-VP002 West
Entries 5487024
ADC
QT Input Channel

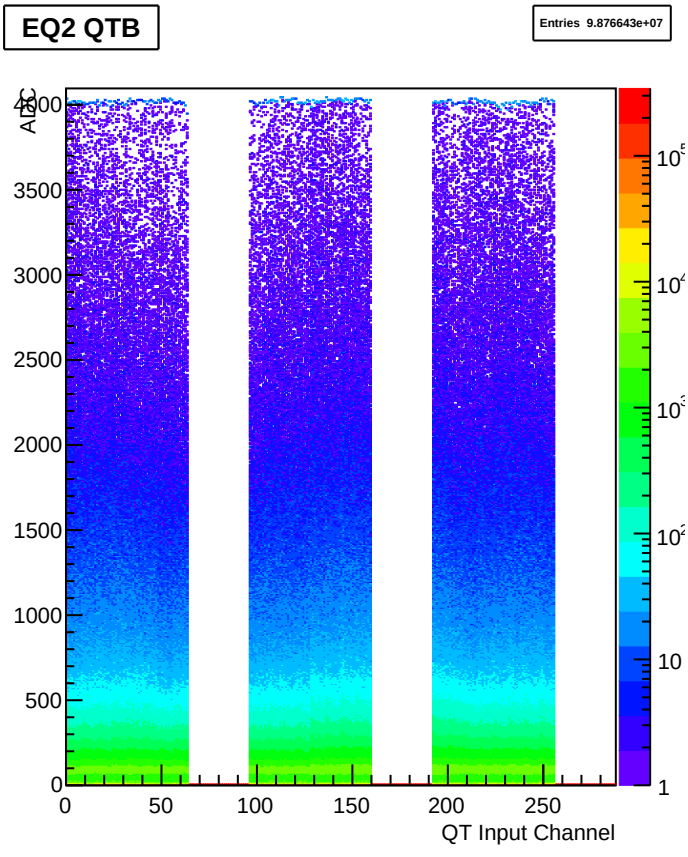

BBQ-VP002 West
Entries 5487024
TADC
QT Input Channel

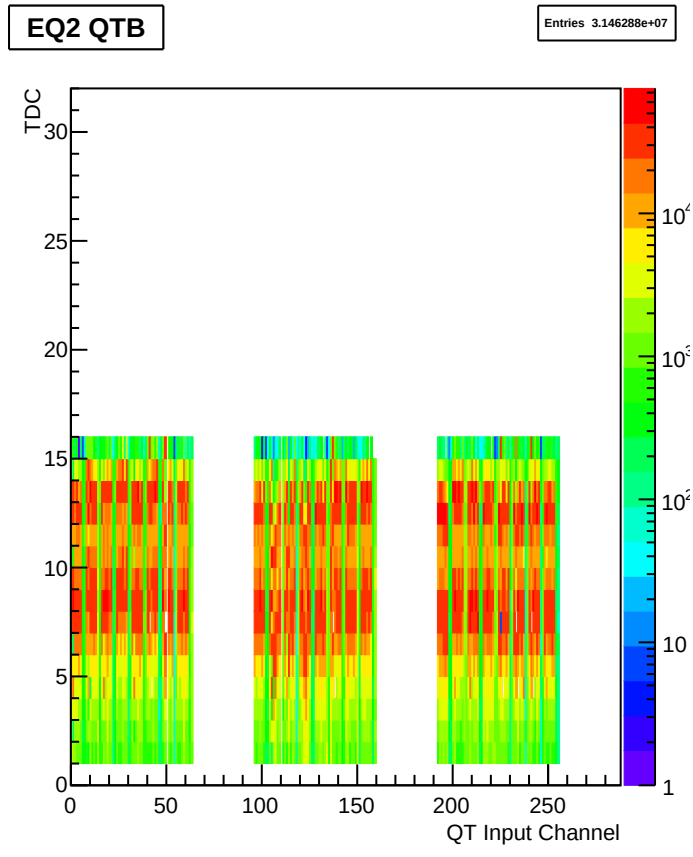

EQ1 QTB
Entries 9.876643e+07
ADC
QT Input Channel

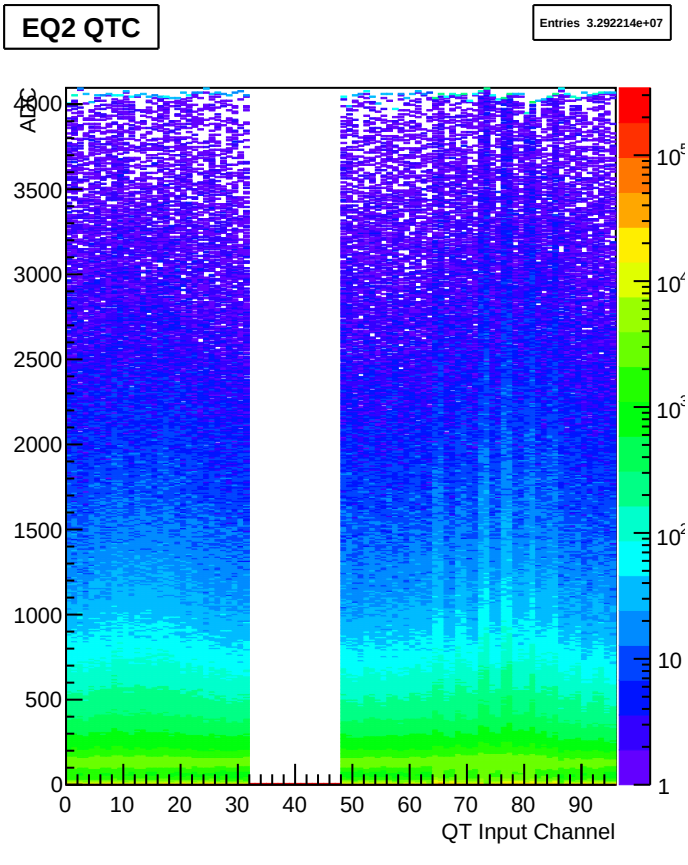

EQ1 QTB
Entries 3.384996e+07
TDC
QT Input Channel

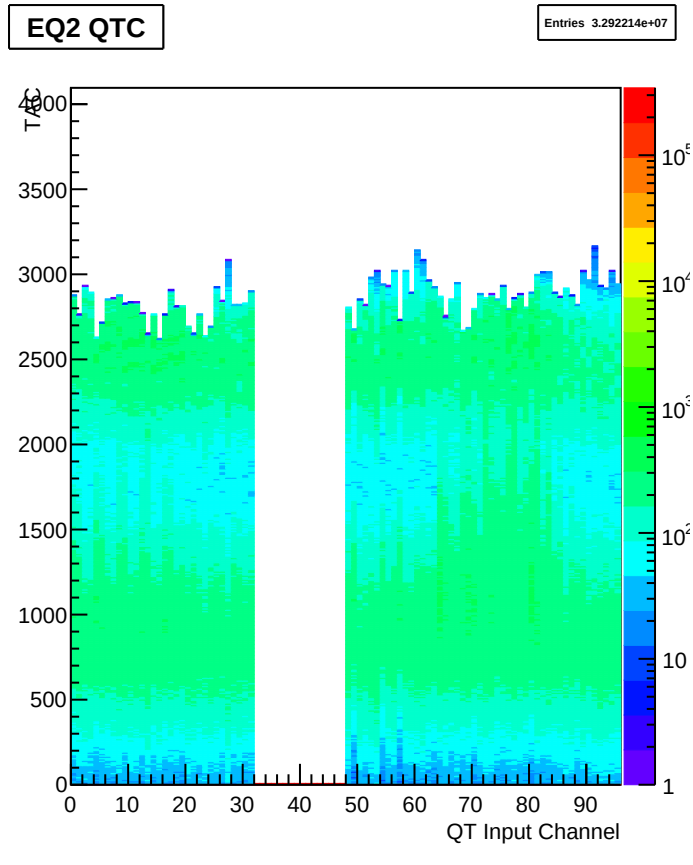

EQ1 QTC
Entries 3.292214e+07
ADC
QT Input Channel

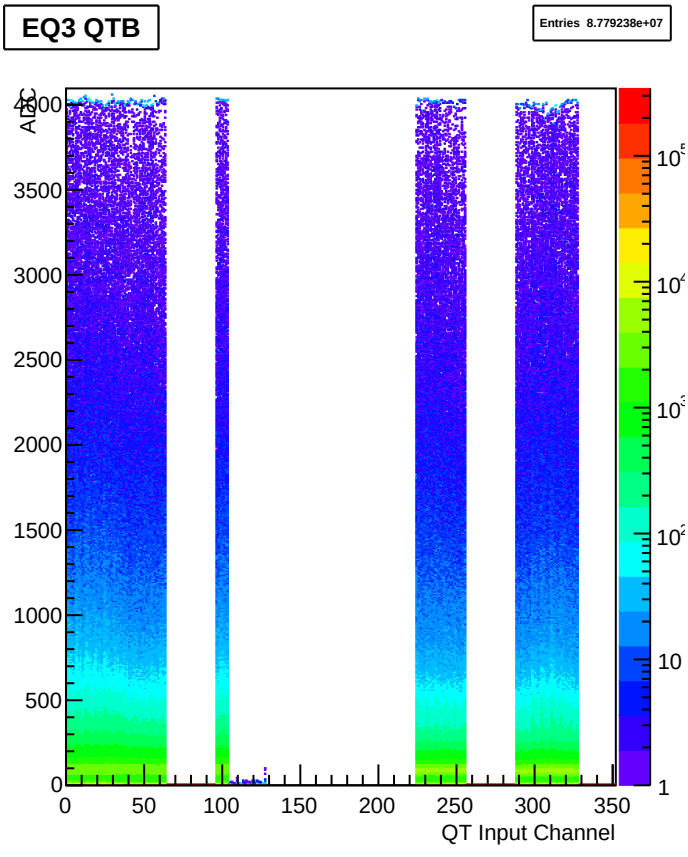

EQ1 QTC
Entries 3.292214e+07
TADC
QT Input Channel

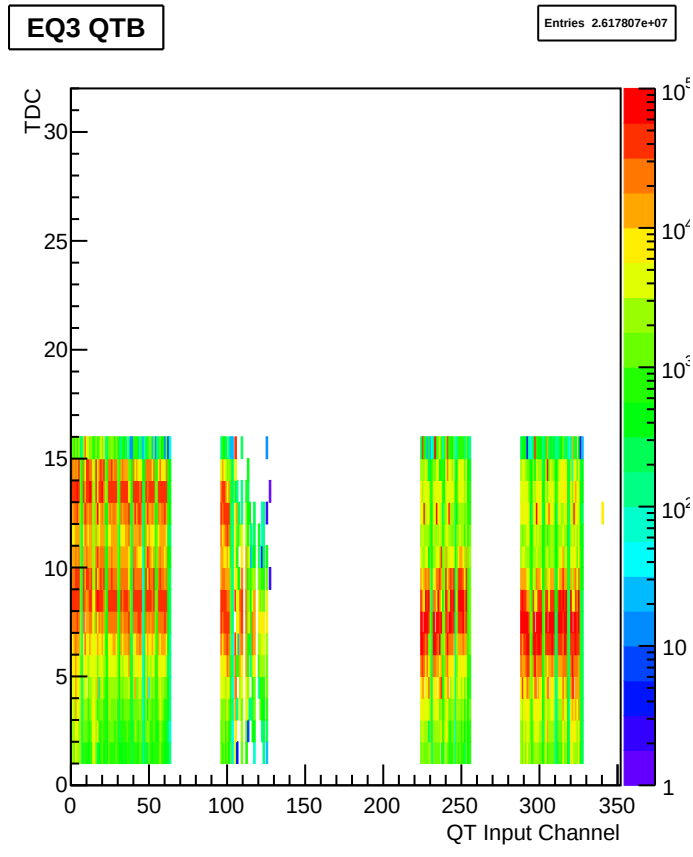

EQ2 QTB
Entries 9.876643e+07
ADC
QT Input Channel

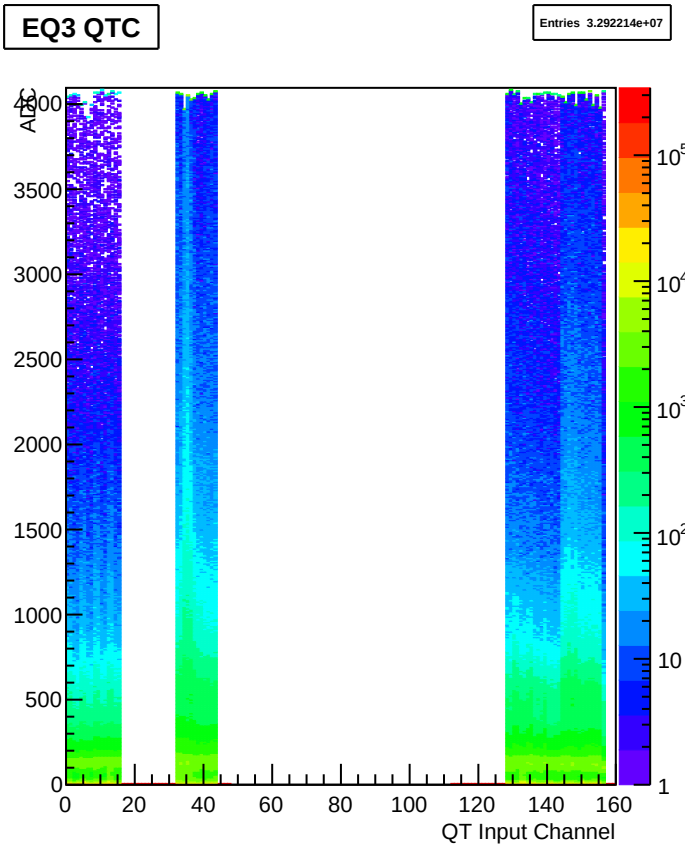

EQ2 QTB
Entries 3.146288e+07
TDC
QT Input Channel

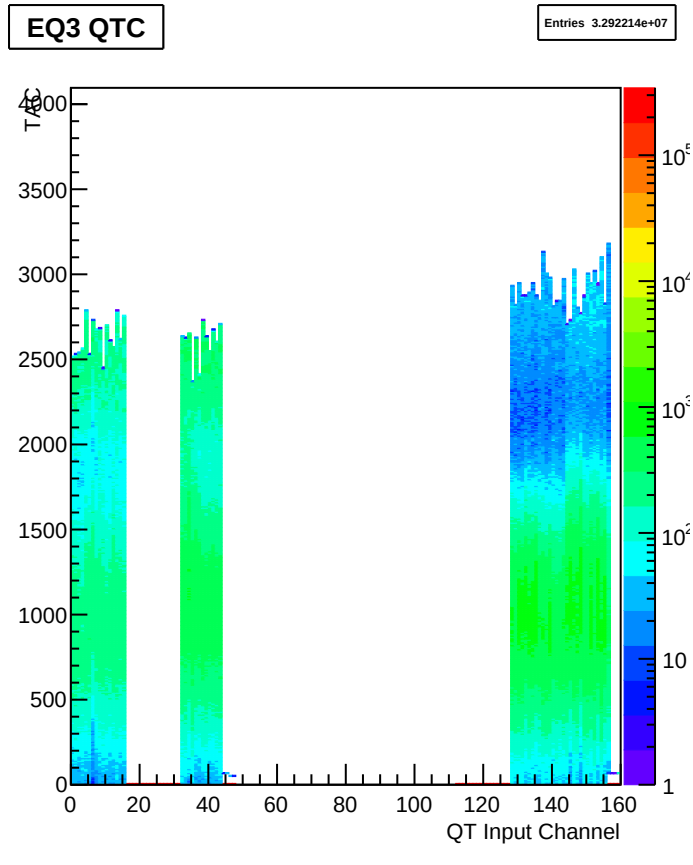

EQ2 QTC
Entries 3.292214e+07
ADC
QT Input Channel

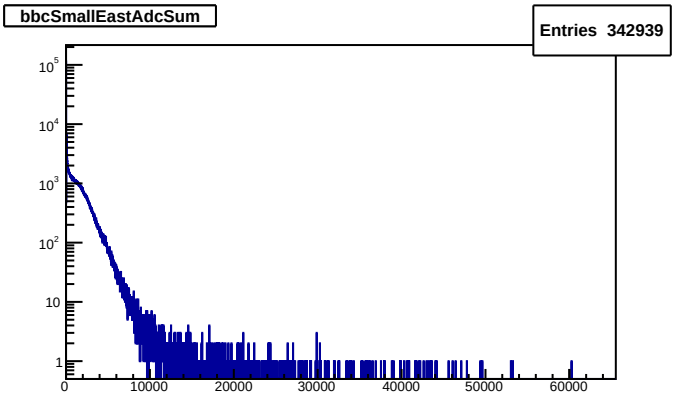

EQ2 QTC
Entries 3.292214e+07
TADC
QT Input Channel

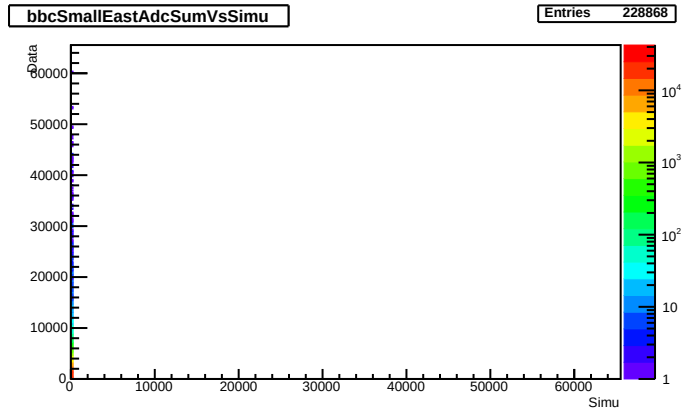

EQ3 QTB
Entries 8.779238e+07
ADC
QT Input Channel

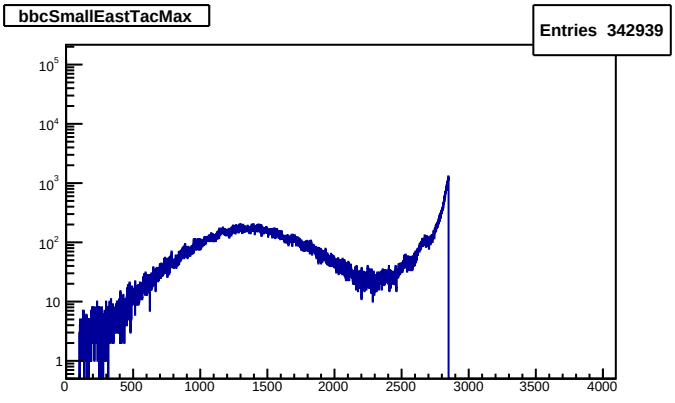

EQ3 QTB
Entries 2.617807e+07
TDC
QT Input Channel

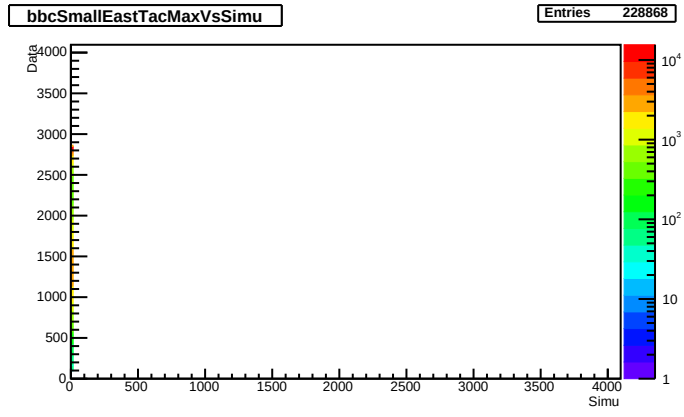

EQ3 QTC
Entries 3.292214e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.292214e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 342939


bbcSmallEastAdcSumVsSimu
Entries 228868
Data
Simu


bbcSmallEastTacMax
Entries 342939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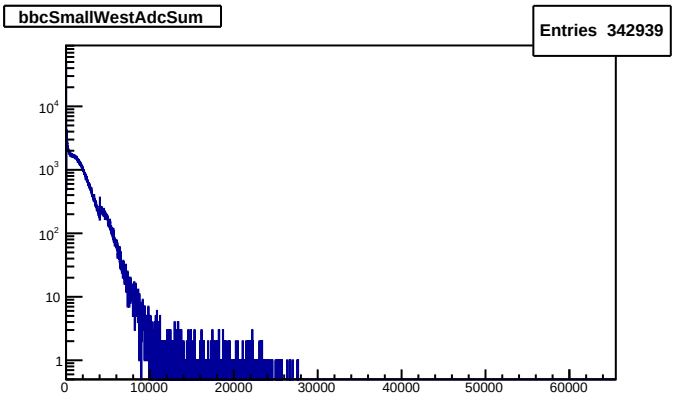
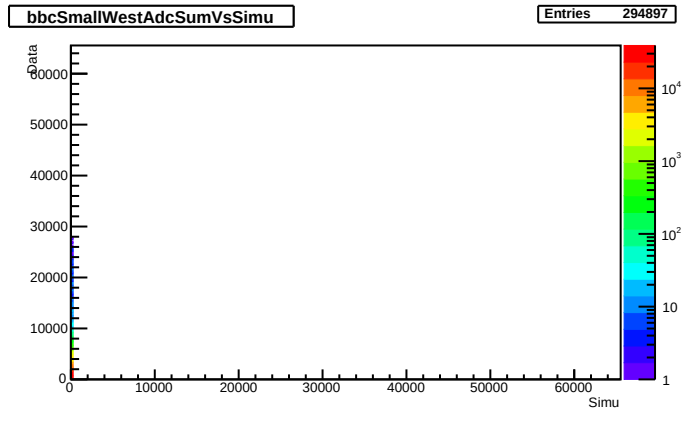
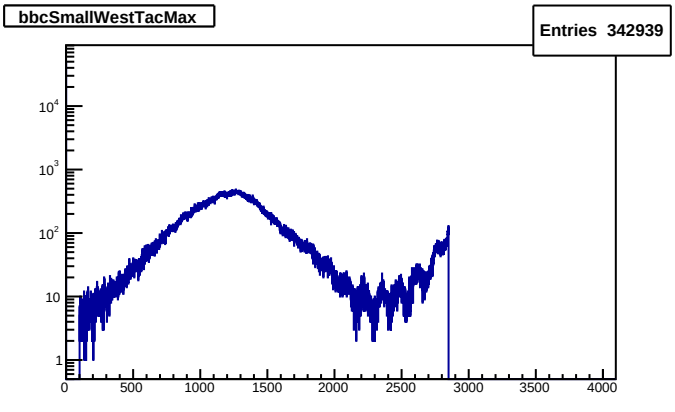
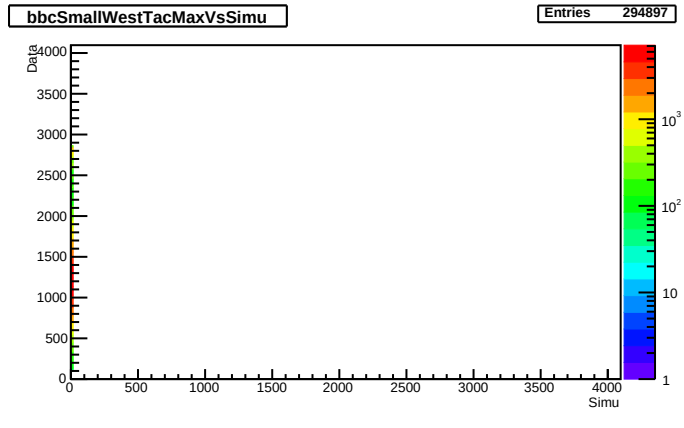
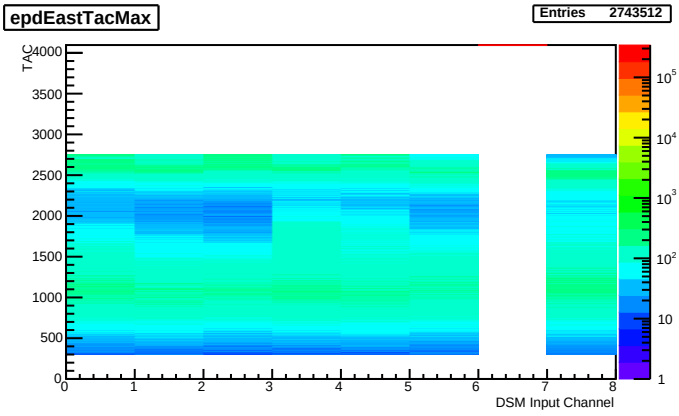
Entries 228868
Data
Simu

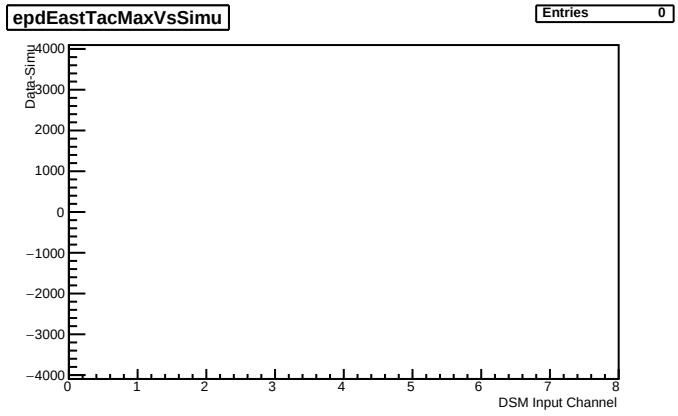

bbcSmallWestAdcSum
Entries 342939

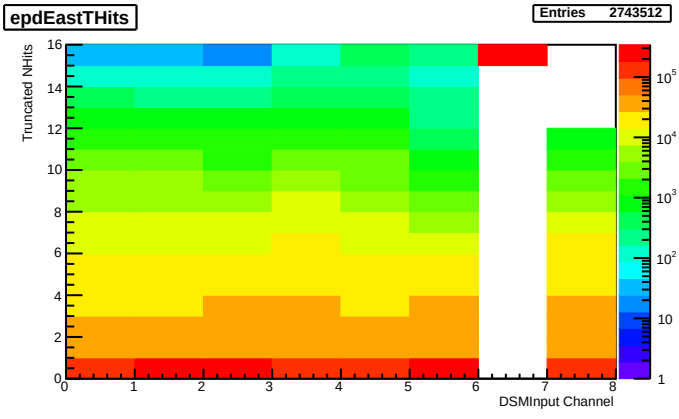

bbcSmallWestAdcSumVsSimu
Entries 294897
Data
Simu

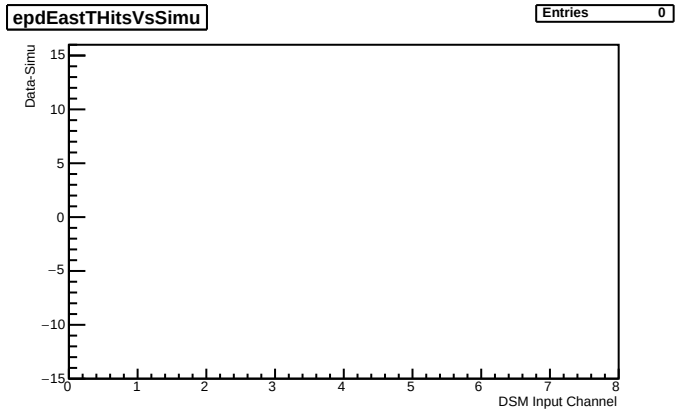

bbcSmallWestTacMax
Entries 342939

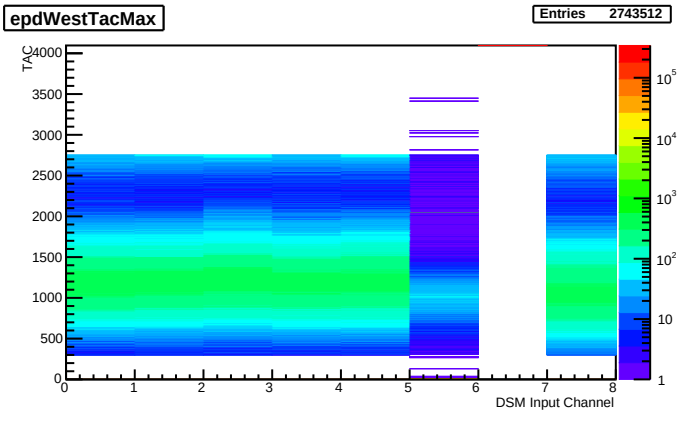

bbcSmallWestTacMaxVsSimu
Entries 294897
Data
Simu

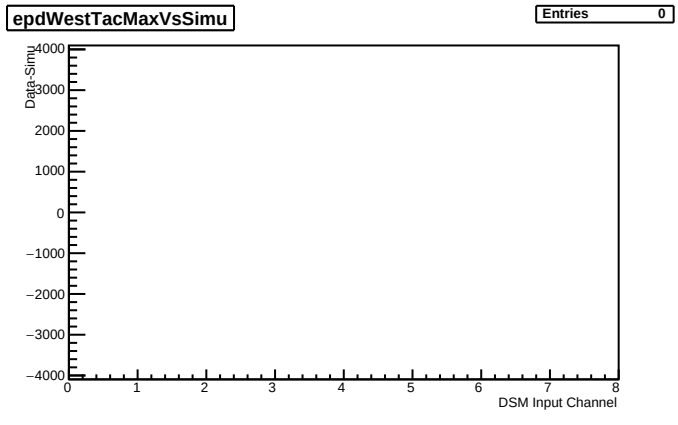

epdEastTacMax
Entries 2743512
TAC
DSM Input Channel

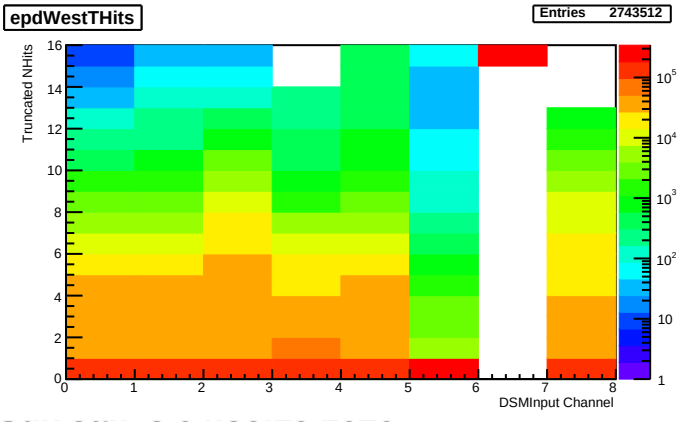

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

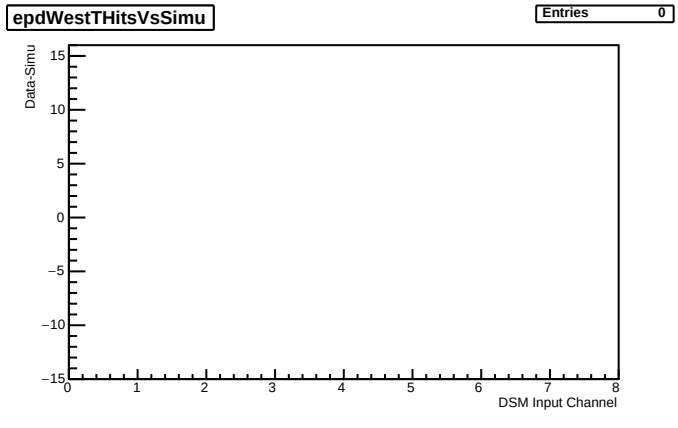

epdEastTHits
Entries 2743512
Truncated NHits
DSMInput Channel

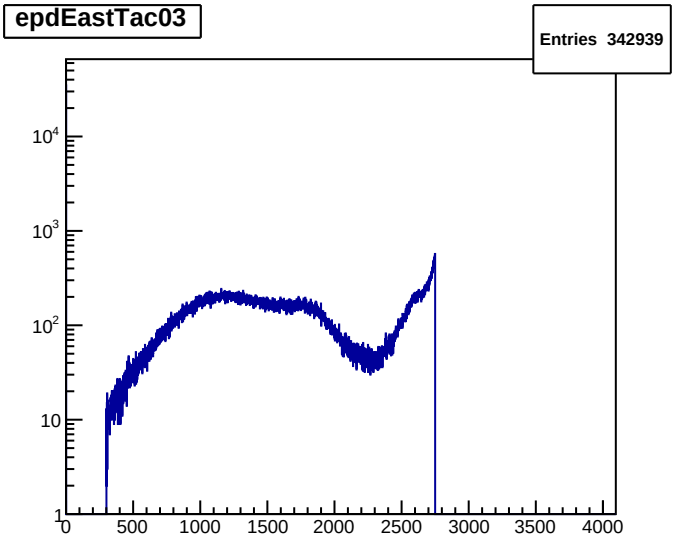

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

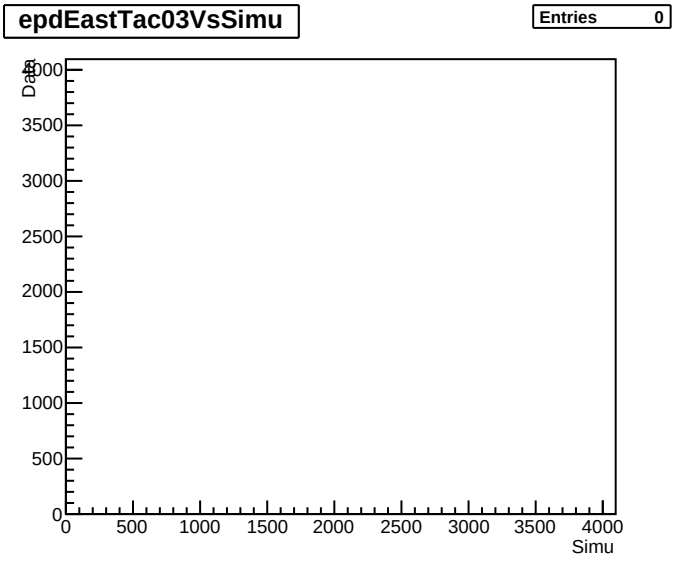

epdWestTacMax
Entries 2743512
TAC
DSM Input Channel

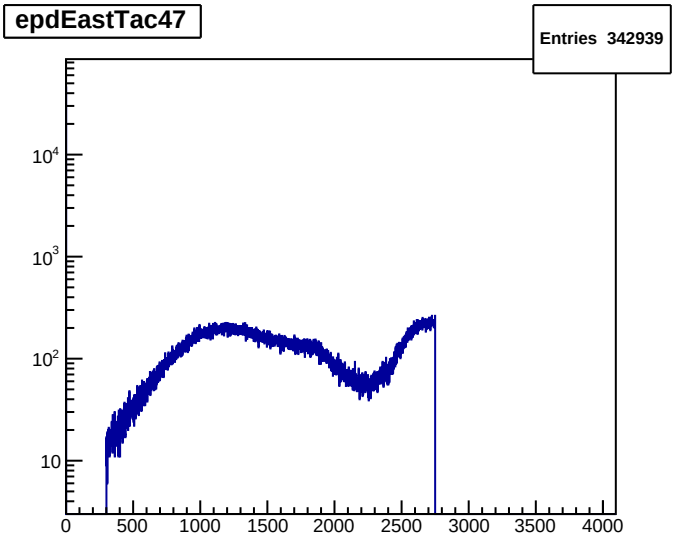

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

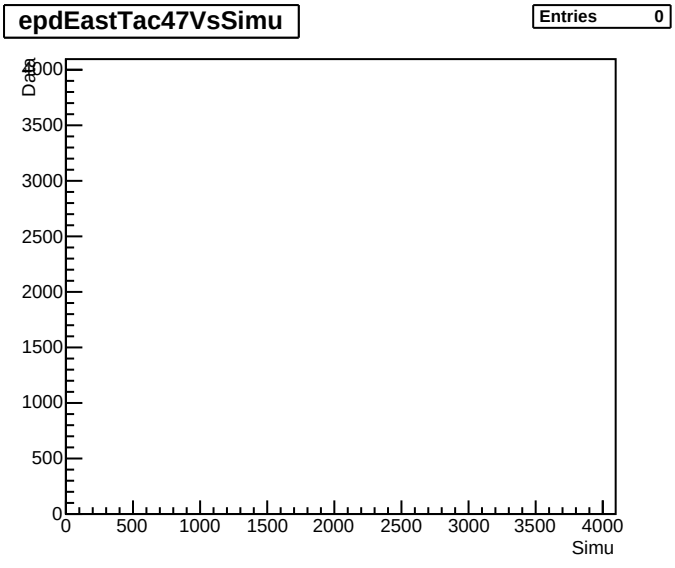

epdWestTHits
Entries 2743512
Truncated NHits
DSMInput Channel

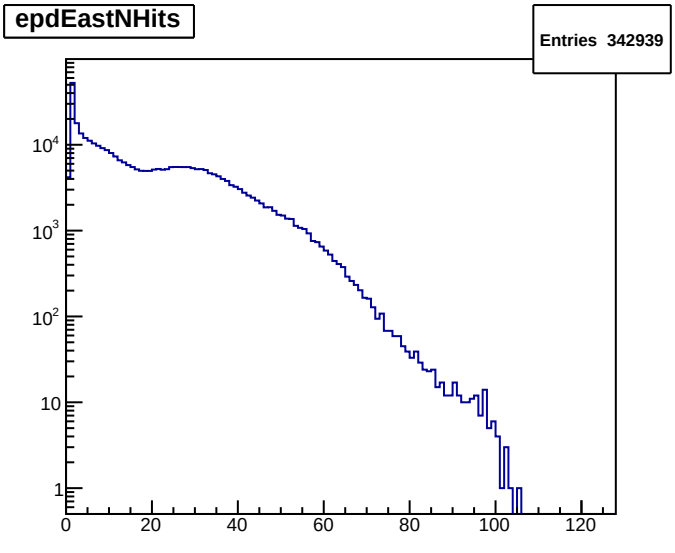

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

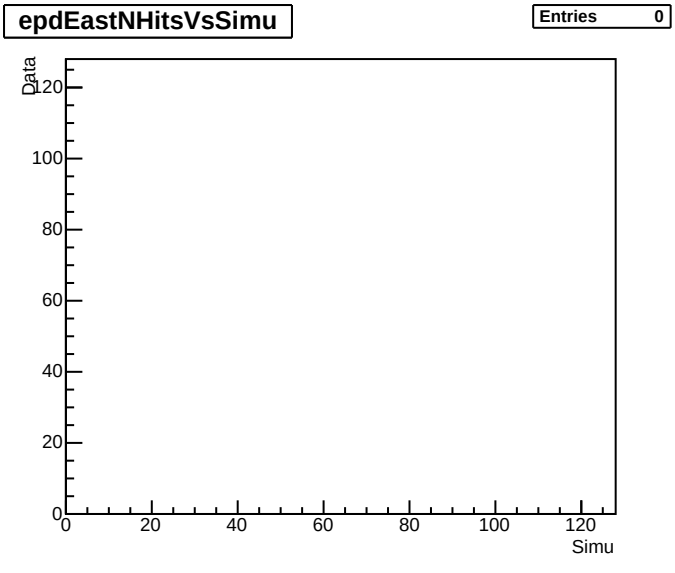

epdEastTac03
Entries 342939


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 342939


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 342939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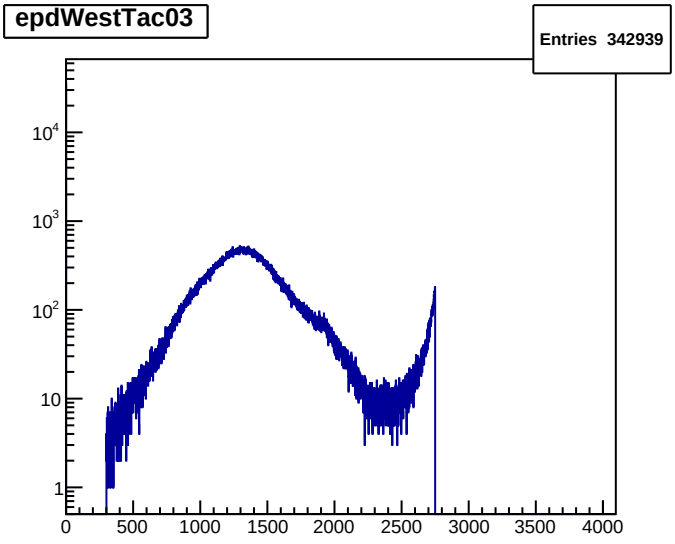
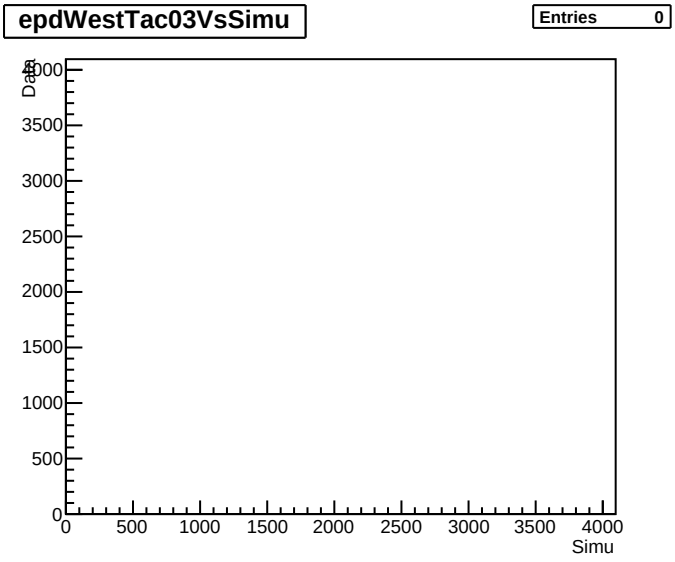
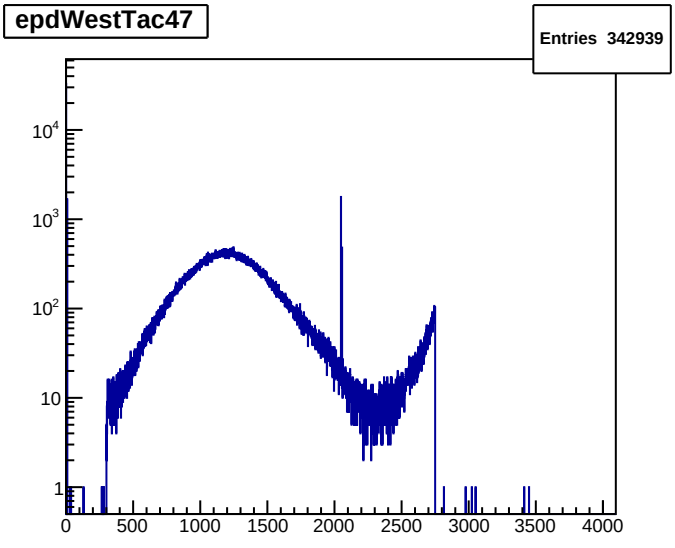
Entries 0
Data
Simu


epdWestTac03
Entries 342939


epdWestTac03VsSimu
Entries 0
Data
Simu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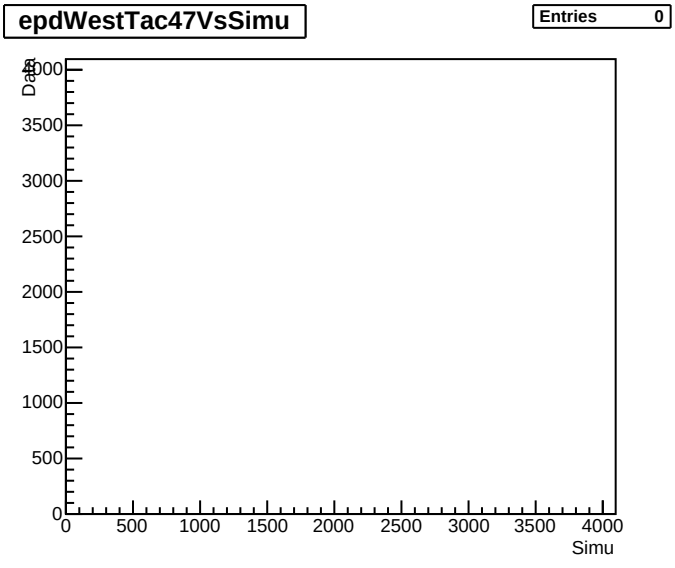
Entries 342939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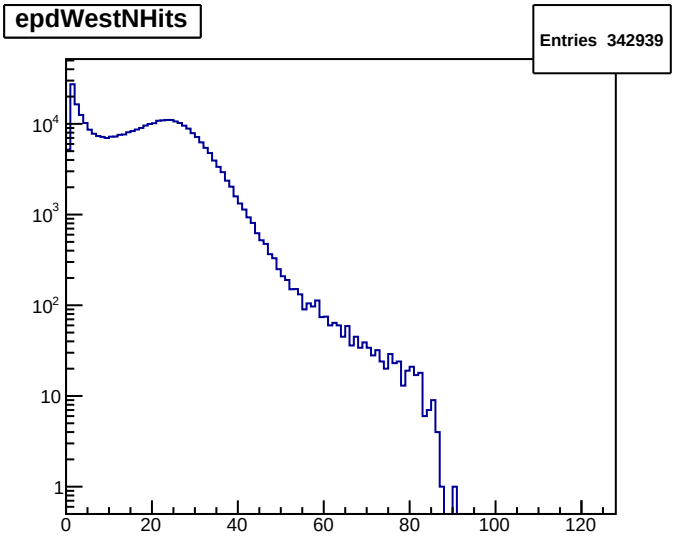
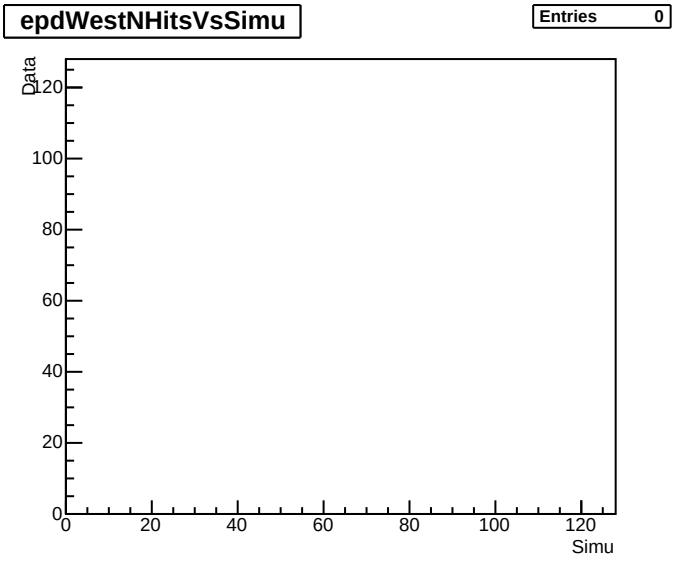
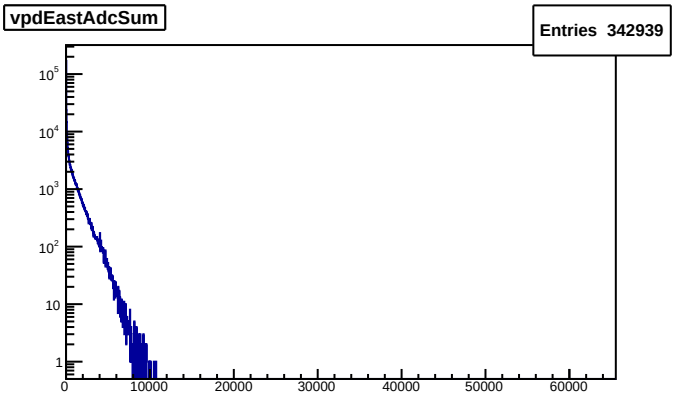
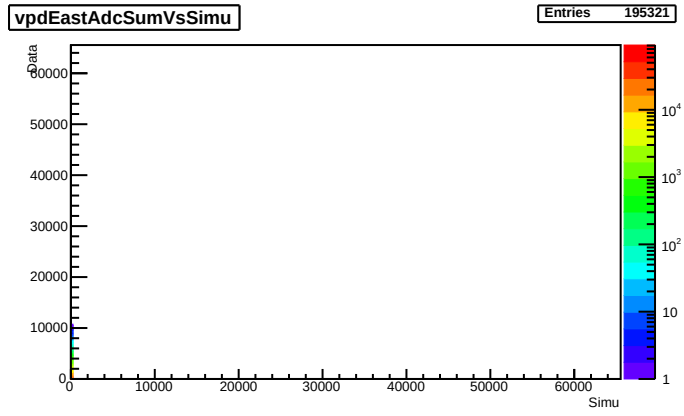
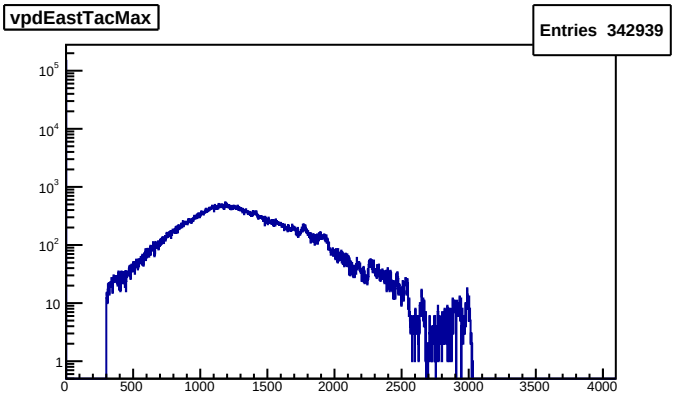
Entries 0
Data
Simu

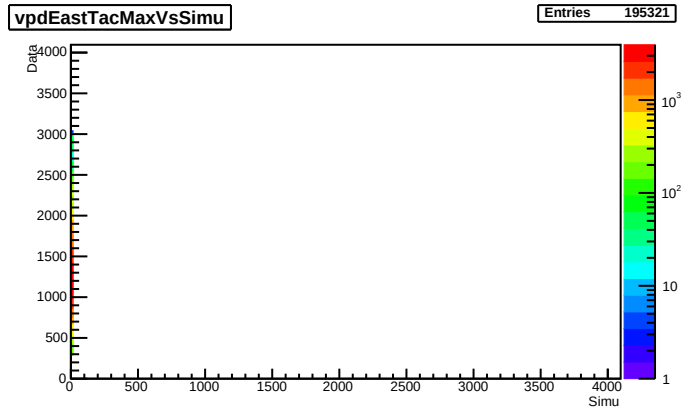

epdWestNHits
Entries 342939

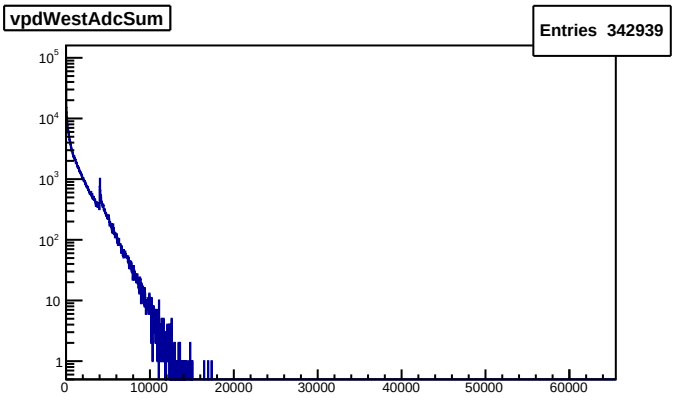

epdWestNHitsVsSimu
Entries 0
Data
Simu

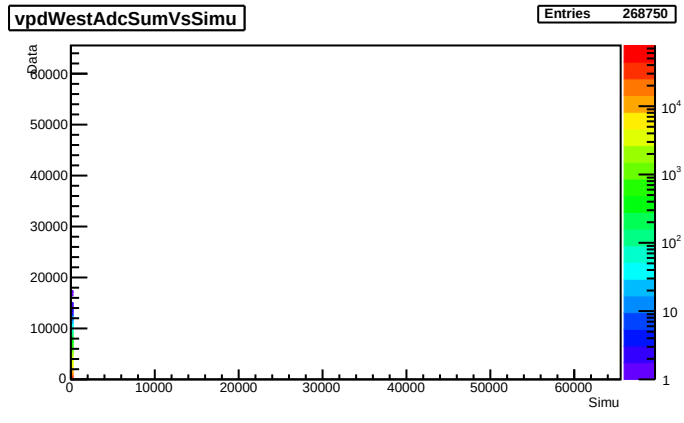

vpdEastAdcSum
Entries 342939

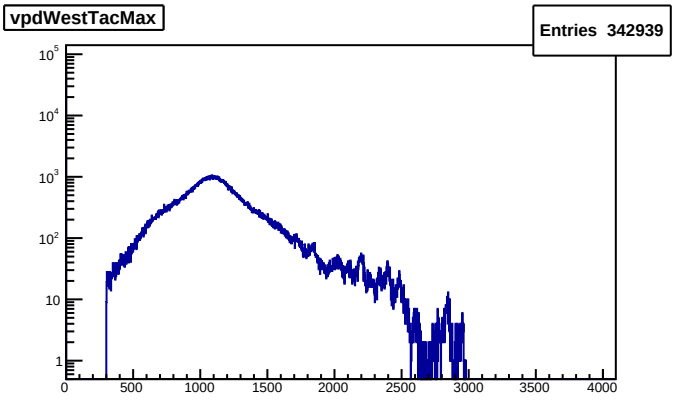

vpdEastAdcSumVsSimu
Entries 195321
Data
Simu

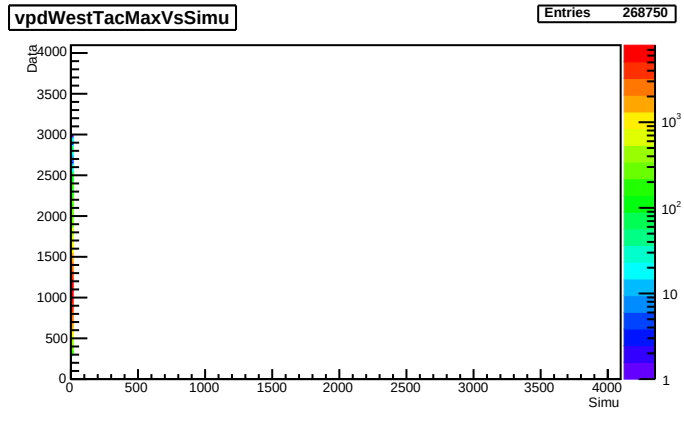

vpdEastTacMax
Entries 342939

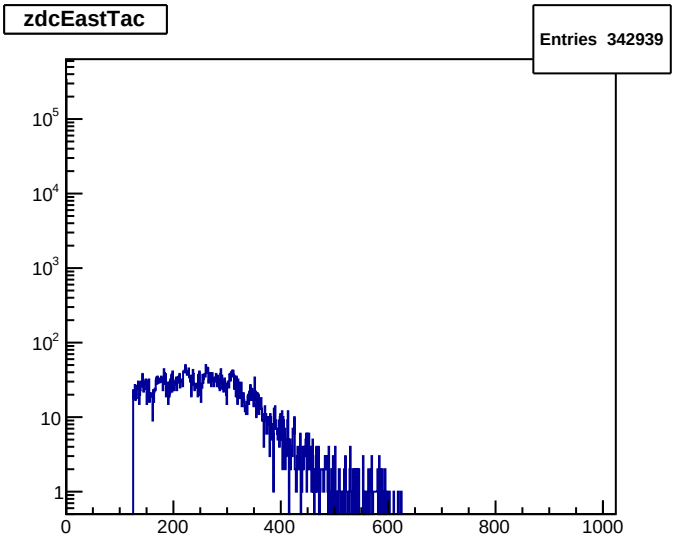

vpdEastTacMaxVsSimu
Entries 195321
Data
Simu

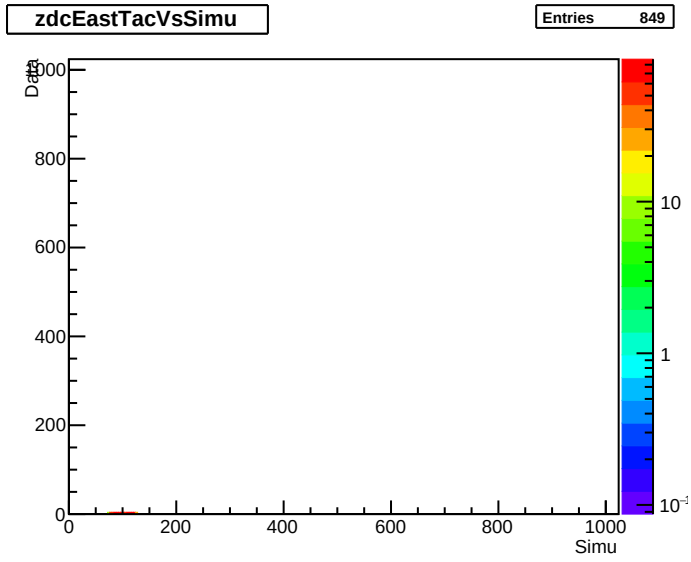

vpdWestAdcSum
Entries 342939

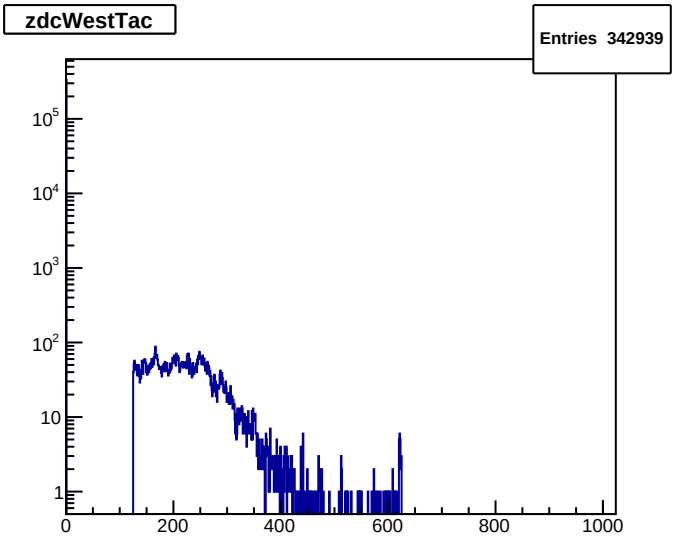

vpdWestAdcSumVsSimu
Entries 268750
Data
Simu

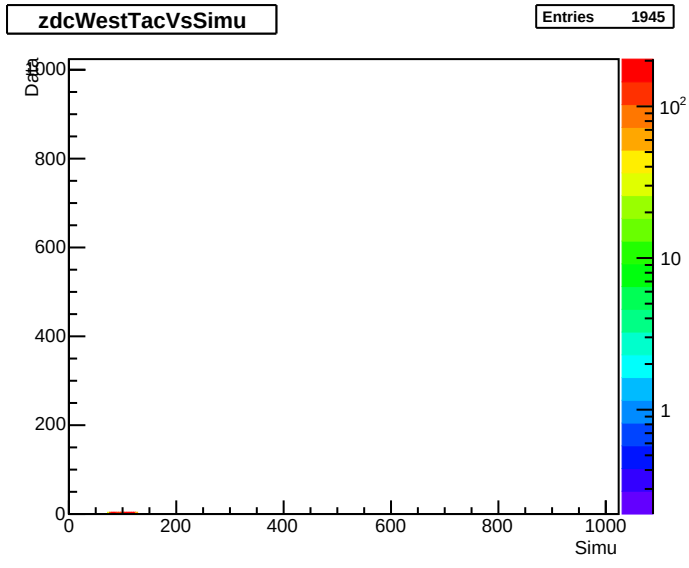

vpdWestTacMax
Entries 342939

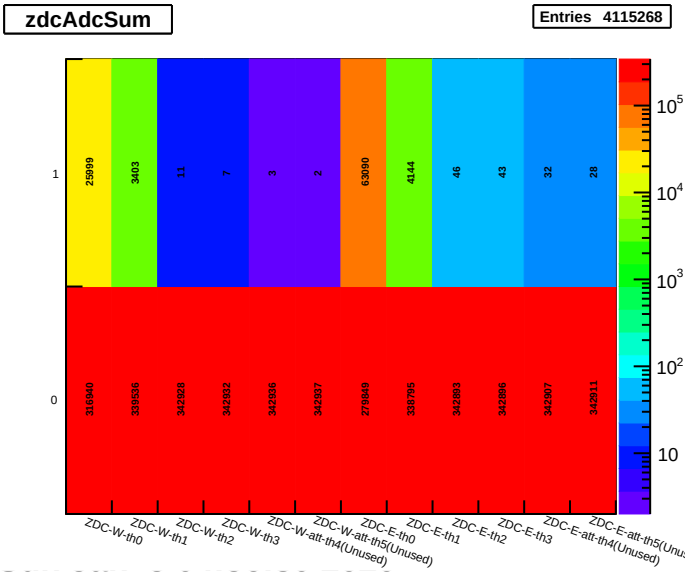

vpdWestTacMaxVsSimu
Entries 268750
Data
Simu

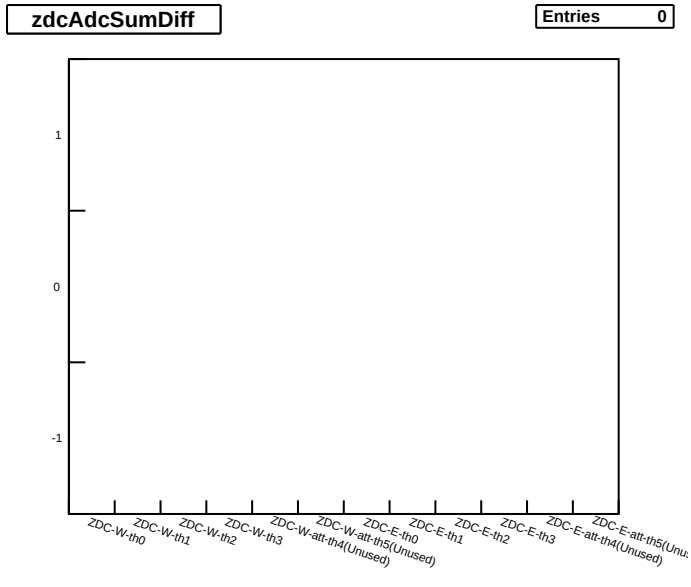

zdcEastTac
Entries 342939

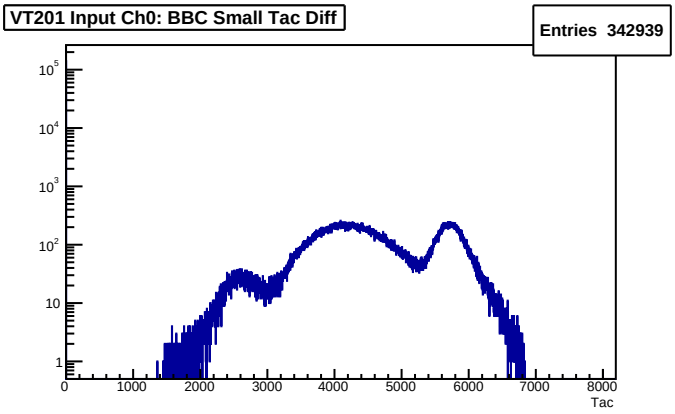

zdcEastTacVsSimu
Entries 849
Data
Simu

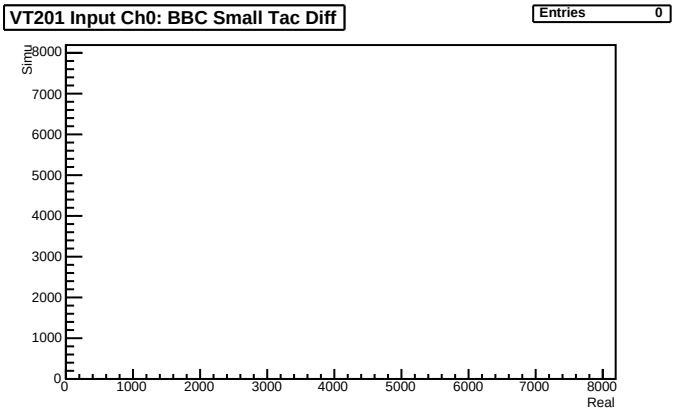

zdcWestTac
Entries 342939

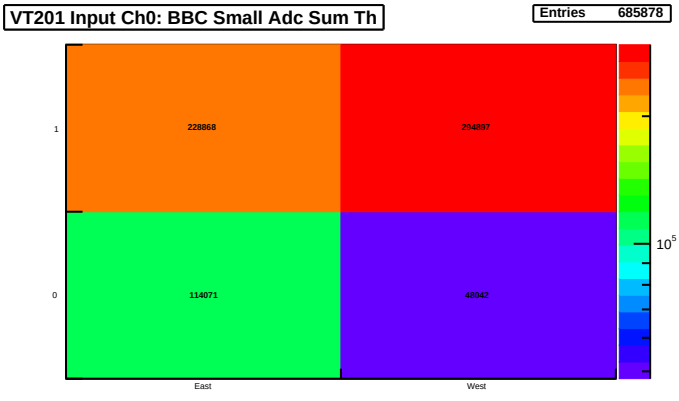

zdcWestTacVsSimu
Entries 1945
Data
Simu

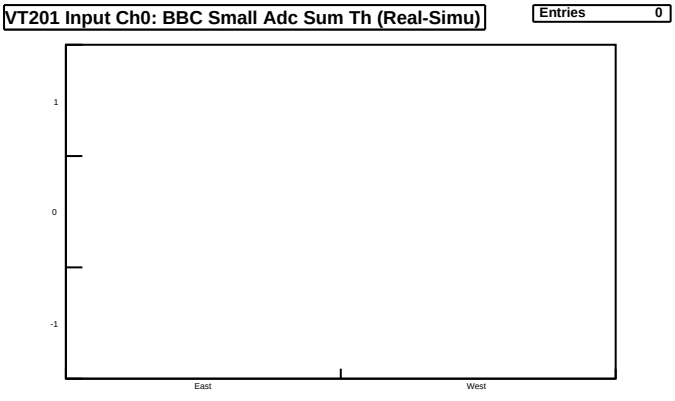

zdcAdcSum
Entries 4115268
25999
3403
11
7
3
2
63090
4144
46
43
32
28
316940
339536
342928
342932
342936
342937
279849
338795
342893
342896
342907
342911
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

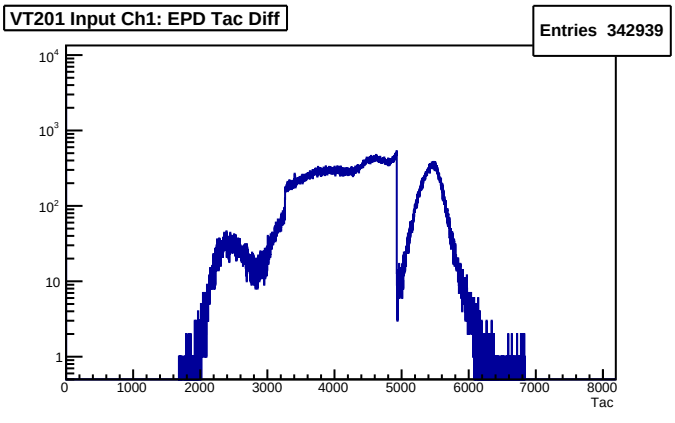

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

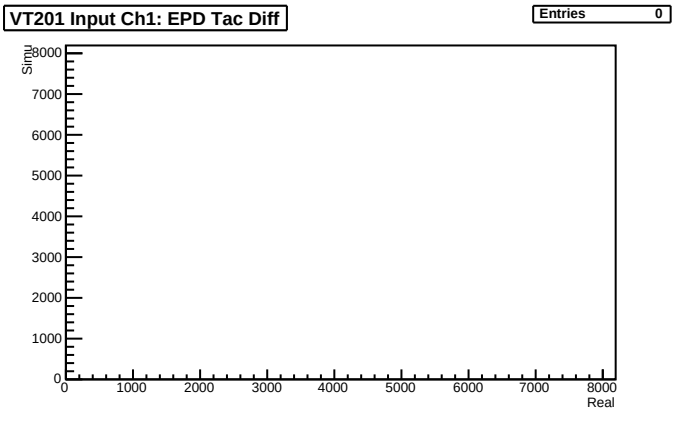

VT201 Input Ch0: BBC Small Tac Diff
Entries 342939
Tac

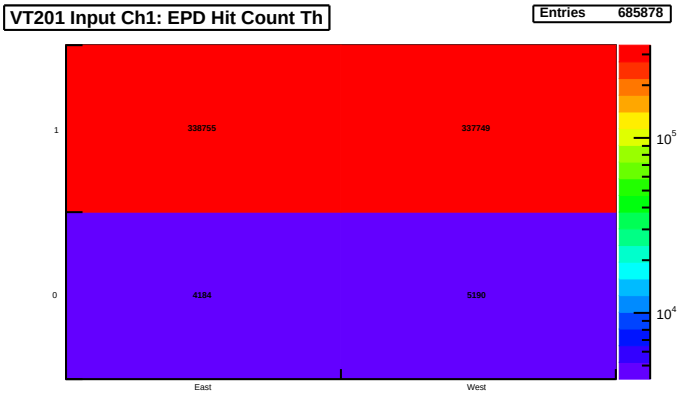

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

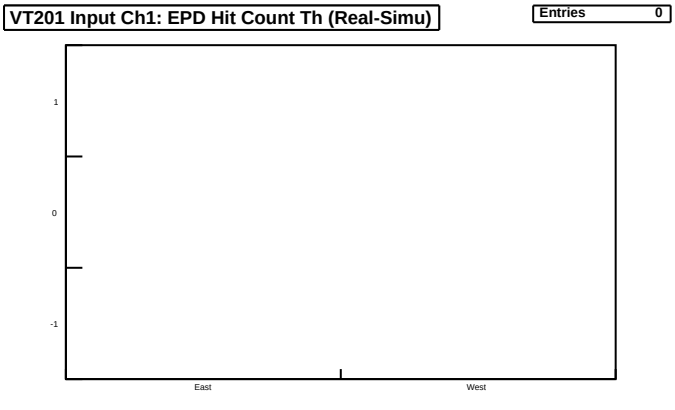

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 685878
228868
294897
114071
48042
East
West

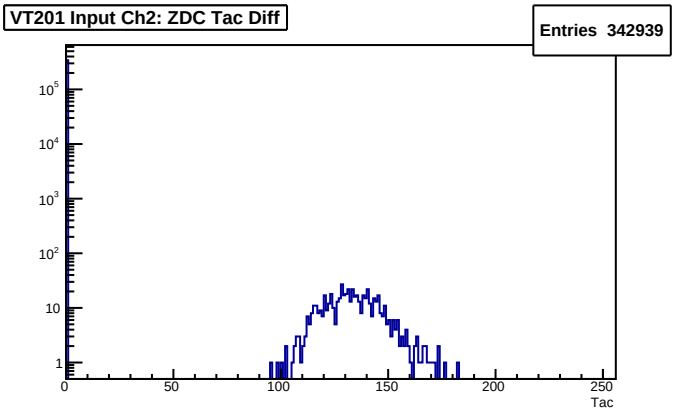

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

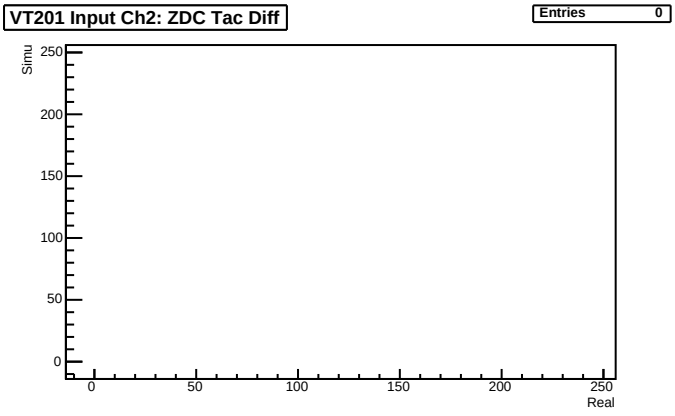

VT201 Input Ch1: EPD Tac Diff
Entries 342939
Tac

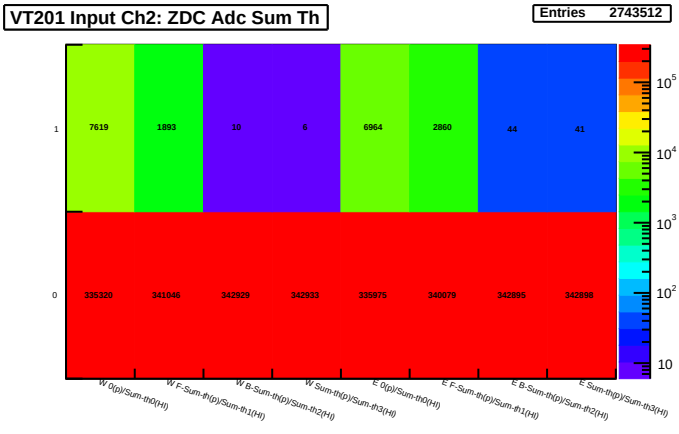

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

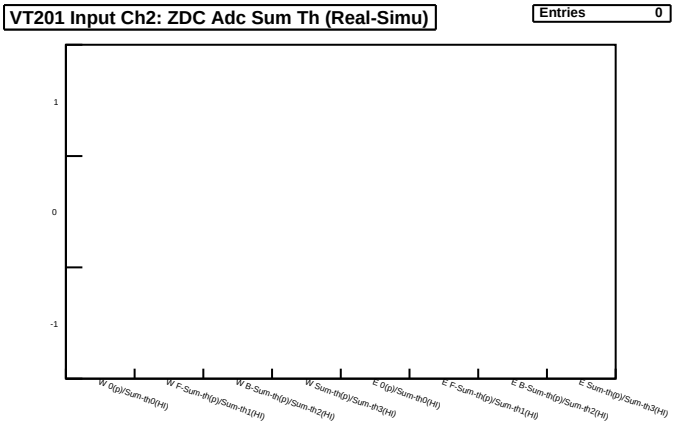

VT201 Input Ch1: EPD Hit Count Th
Entries 685878
338755
337749
4184
5190
East
West

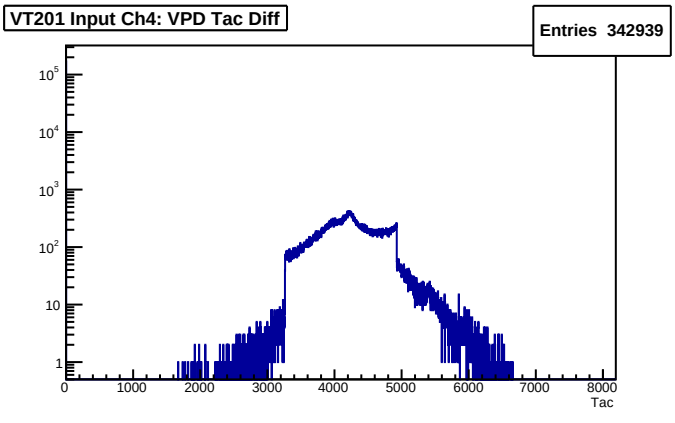

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

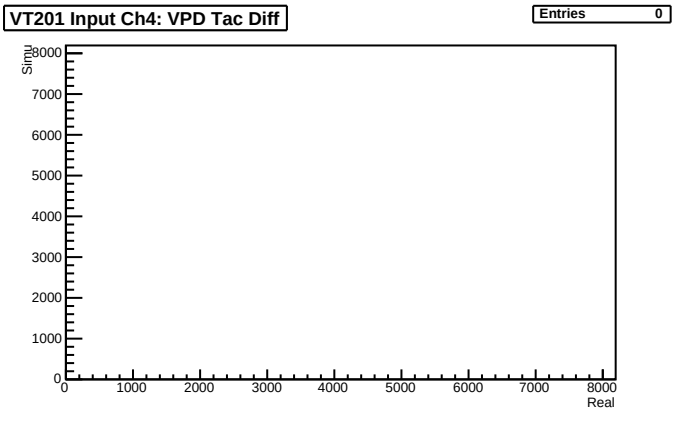

VT201 Input Ch2: ZDC Tac Diff
Entries 342939
Tac

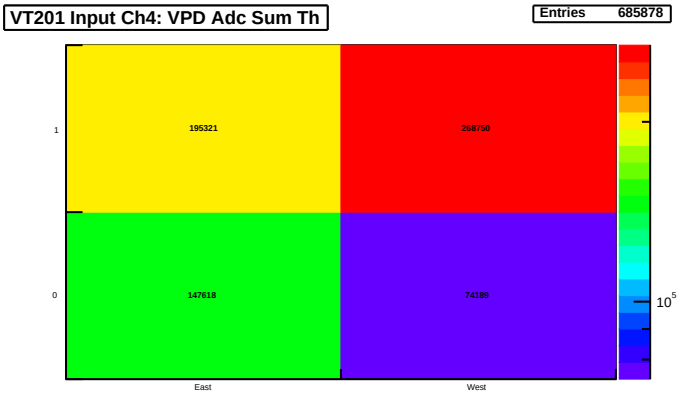

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

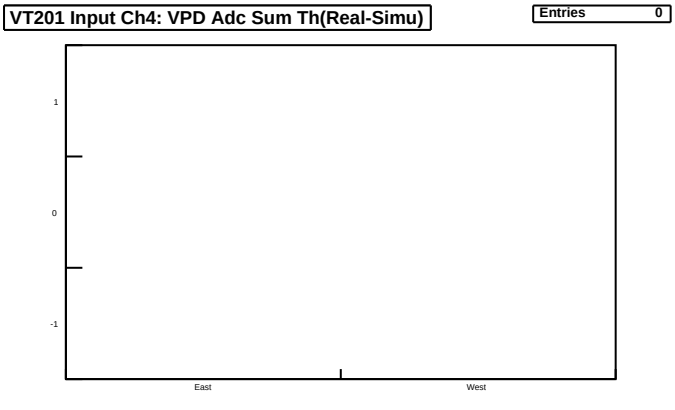

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2743512
7619
1893
10
6
6964
2860
44
41
335320
341046
342929
342933
335975
340079
342895
342898
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

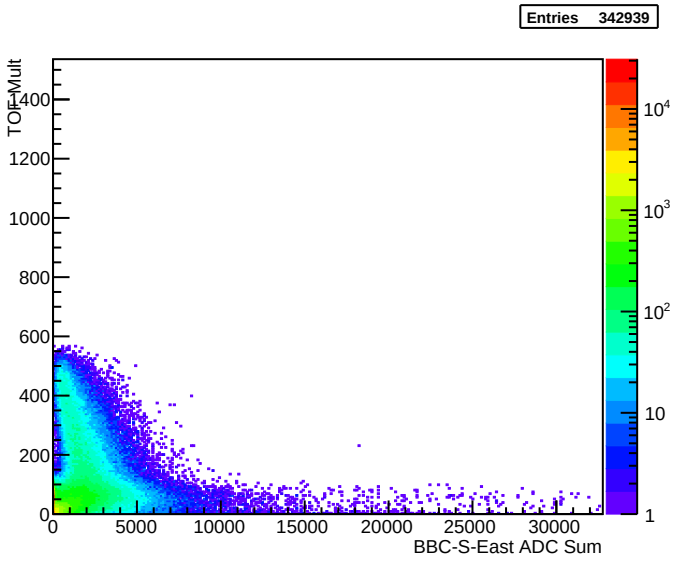

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

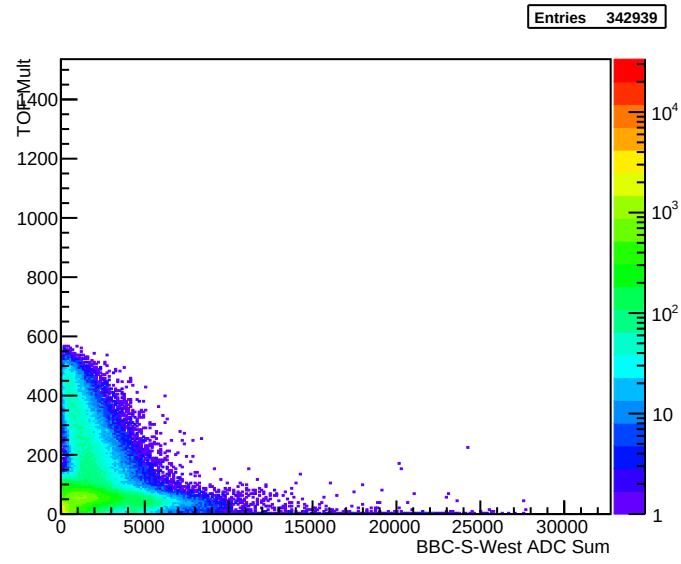

VT201 Input Ch4: VPD Tac Diff
Entries 342939
Tac

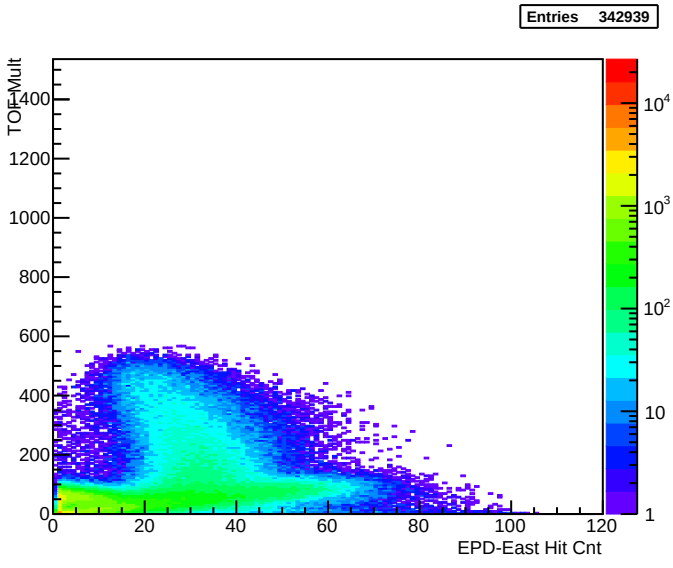

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

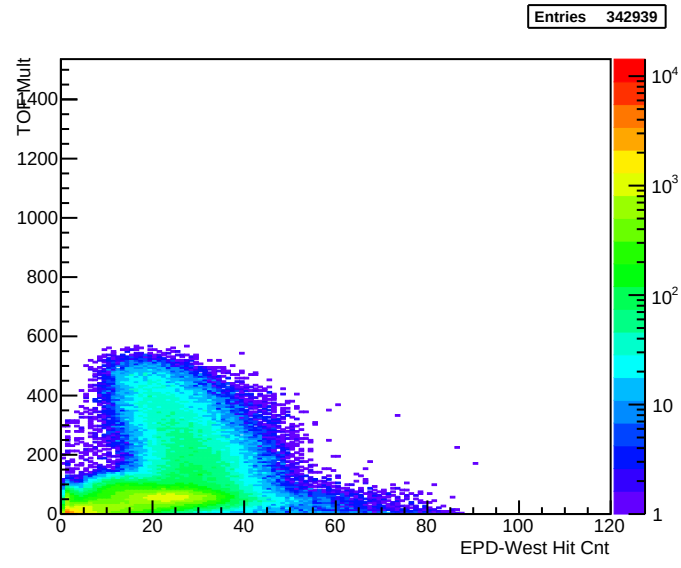

VT201 Input Ch4: VPD Adc Sum Th
Entries 685878
195321
268750
147618
74189
East
West

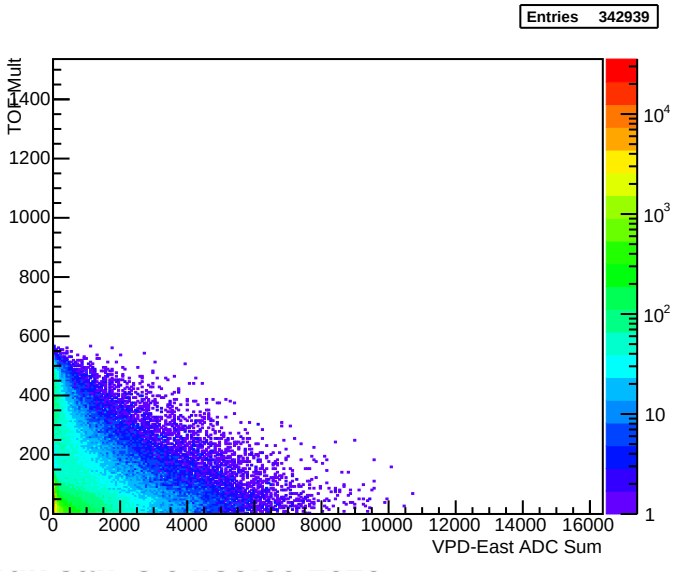

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

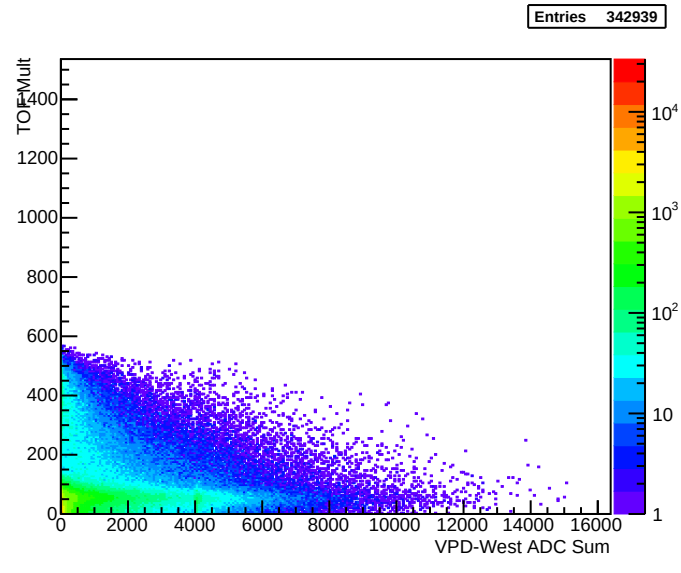

Entries 342939
TOF-Mult
BBC-S-East ADC Sum

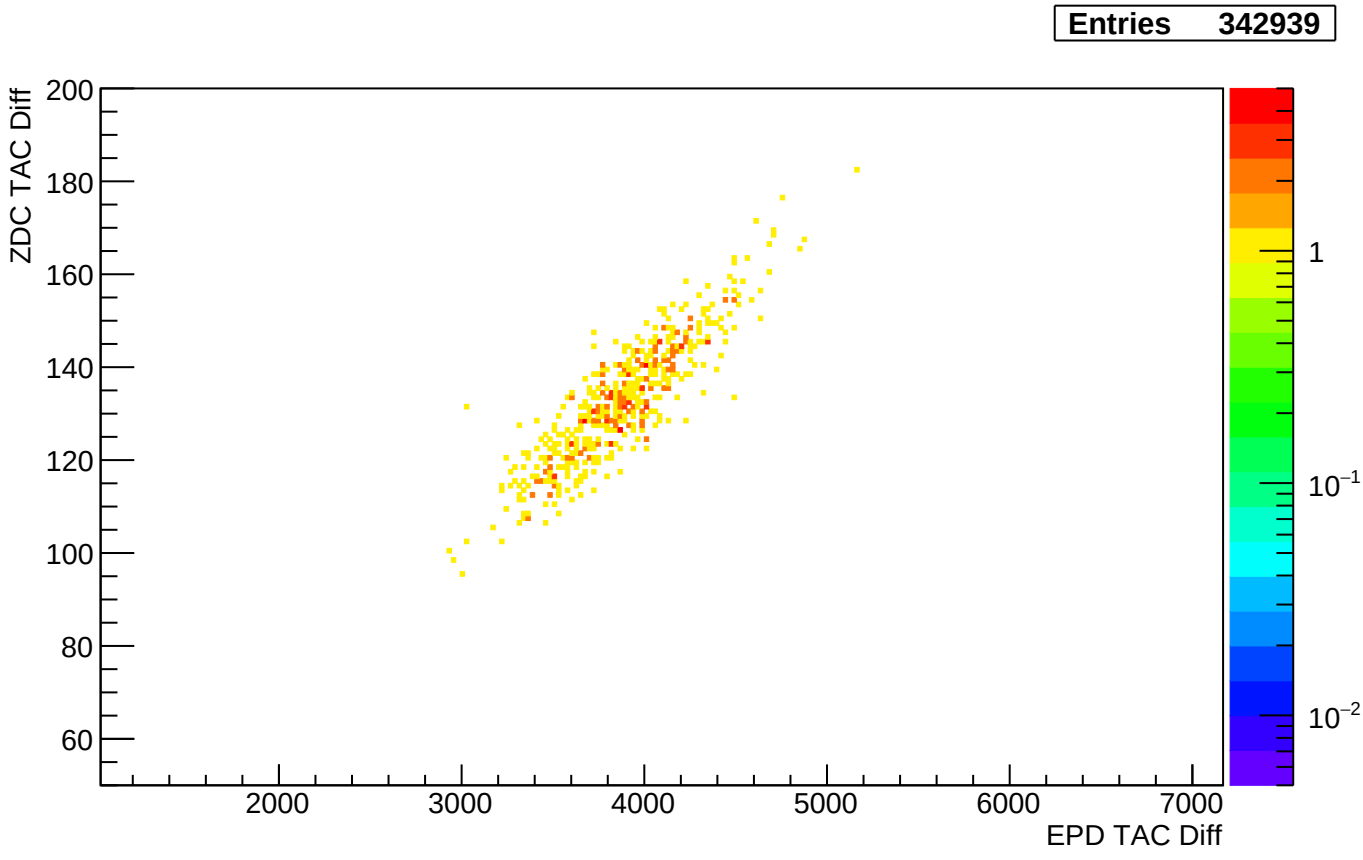

Entries 342939
TOF-Mult
BBC-S-West ADC Sum

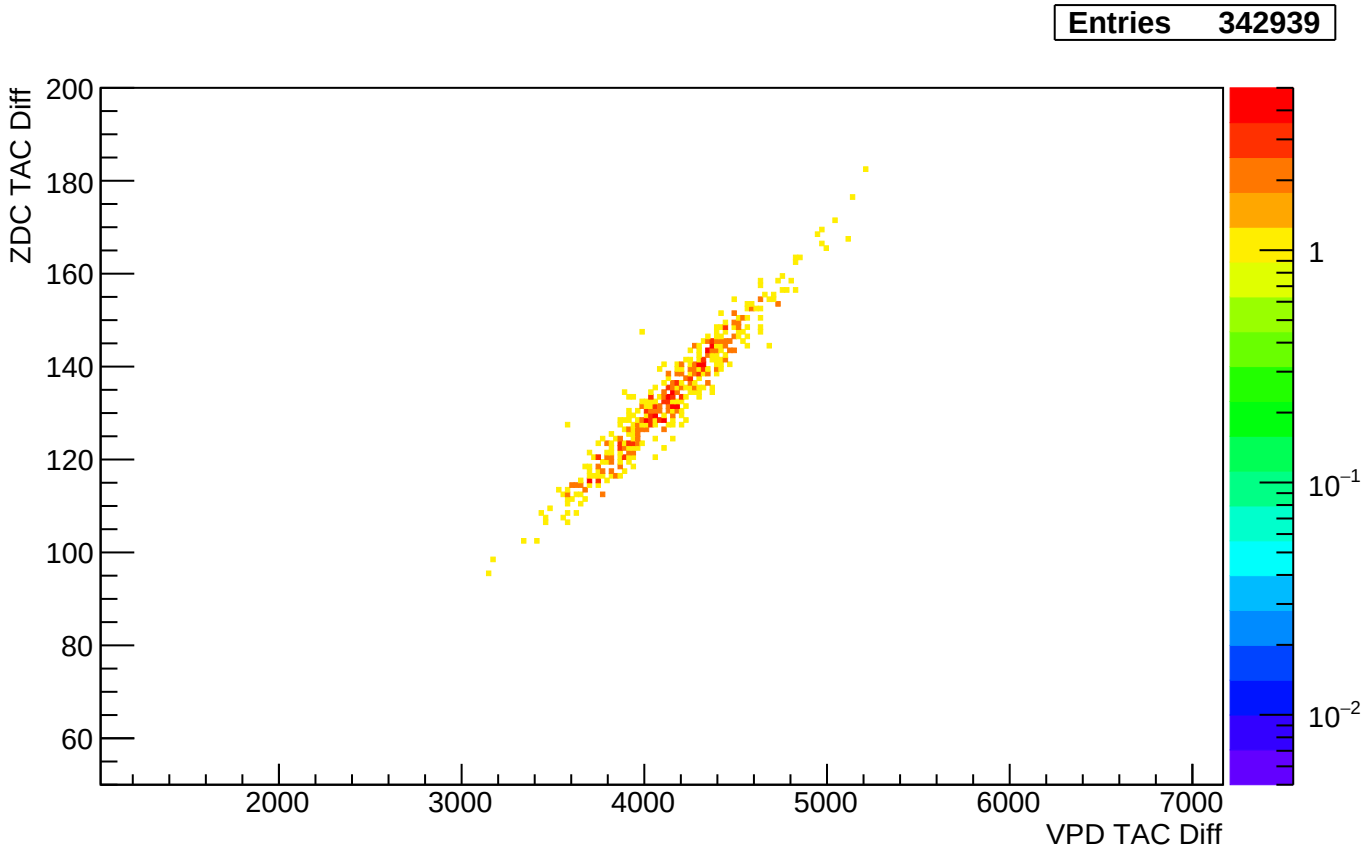

Entries 342939
TOF-Mult
EPD-East Hit Cnt

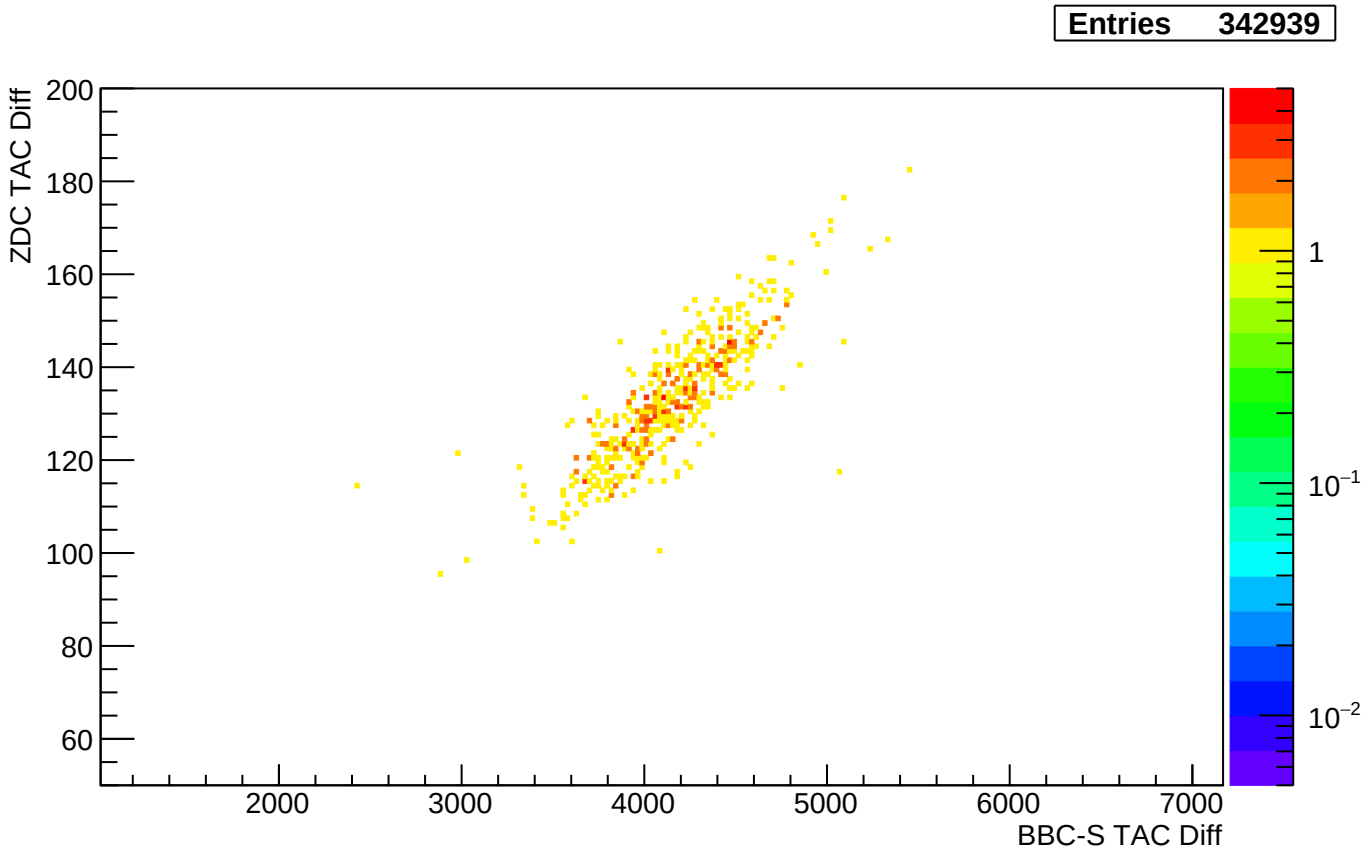

Entries 342939
TOF-Mult
EPD-West Hit Cnt

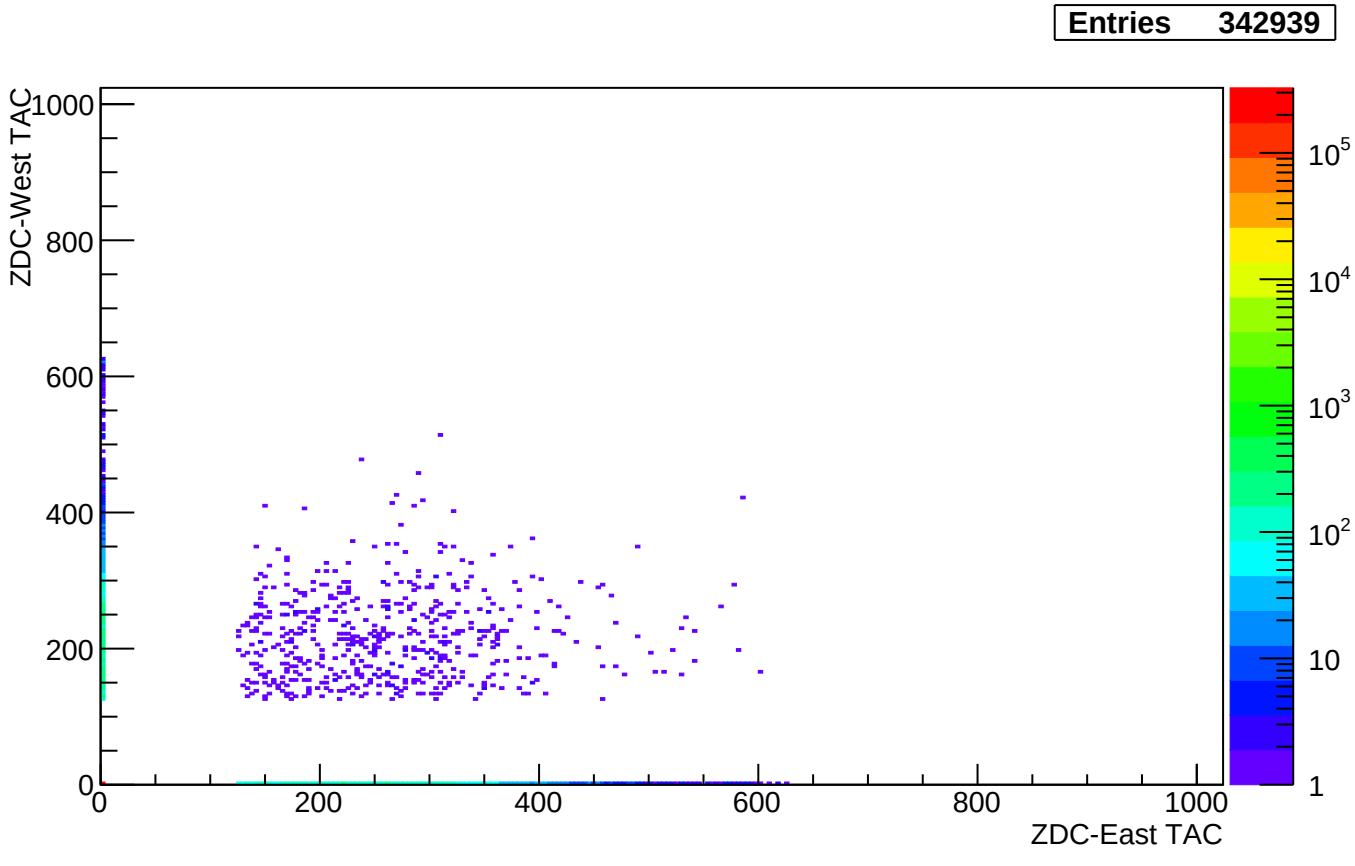

Entries 342939
TOF-Mult
VPD-East ADC Sum

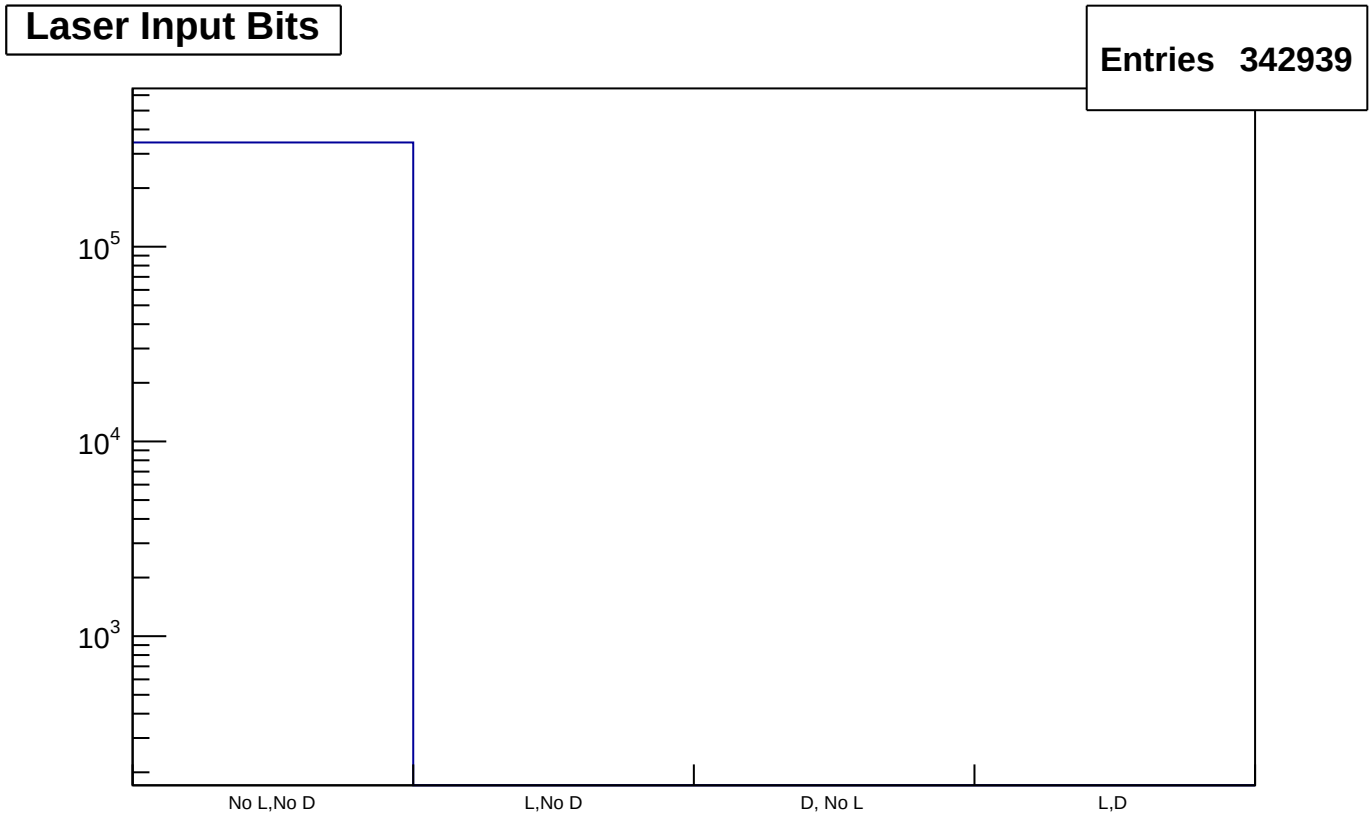

Entries 342939
TOF-Mult
VPD-West ADC Sum

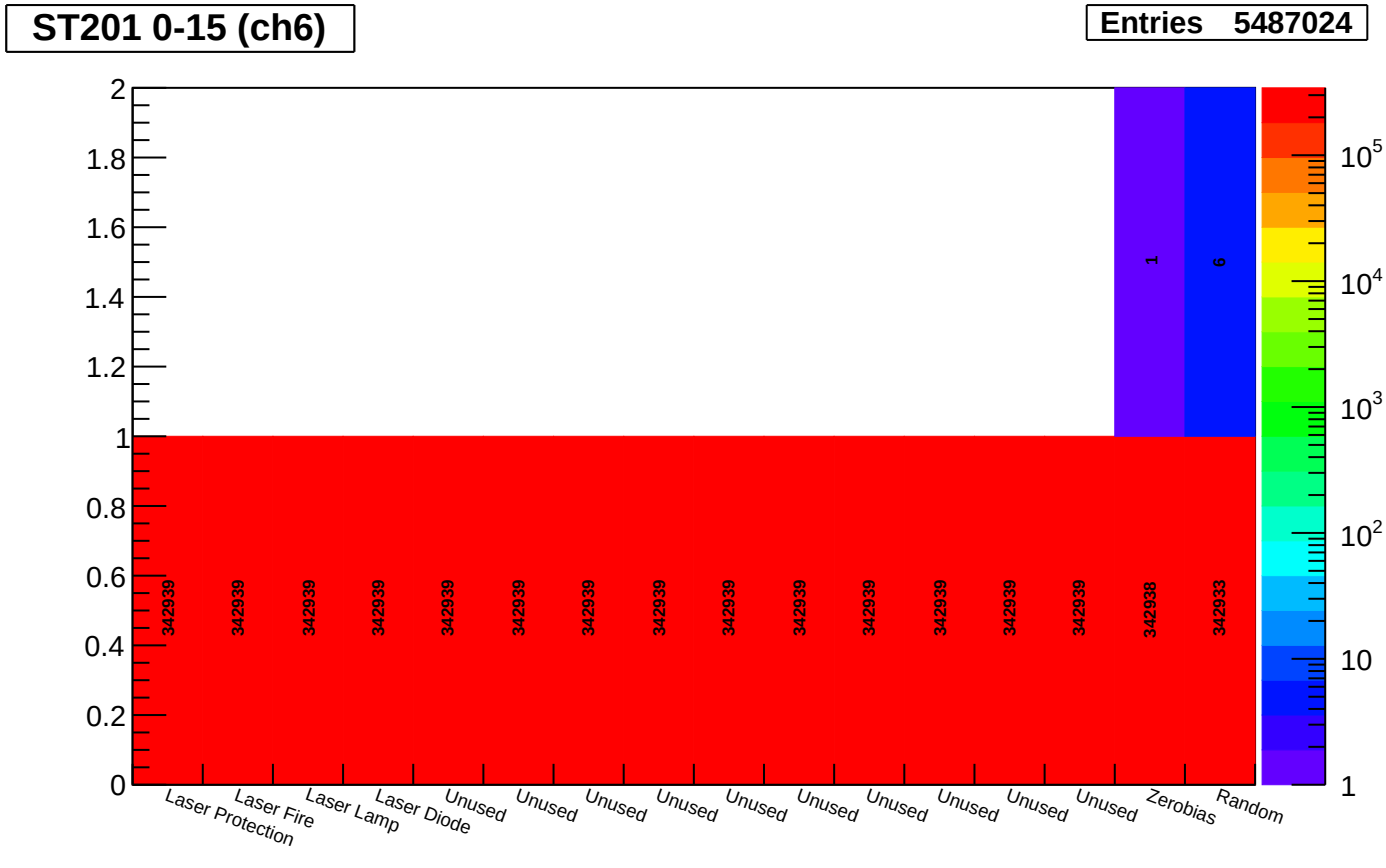

Entries 342939
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

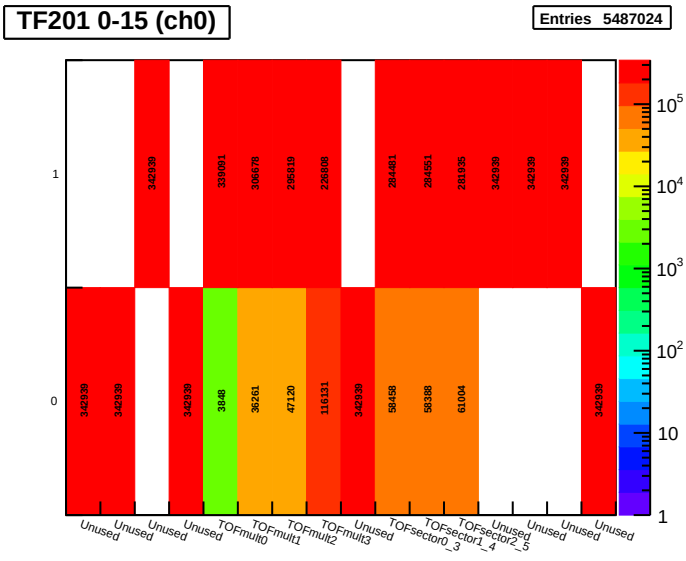

Entries 342939
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

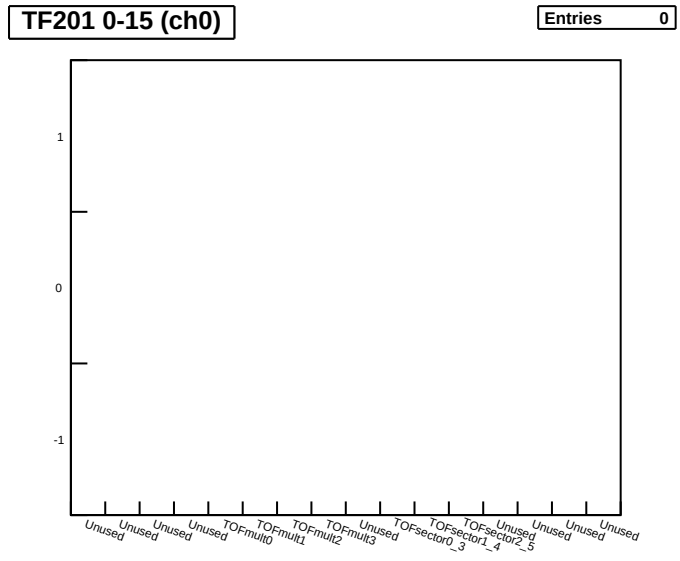

Entries 342939
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

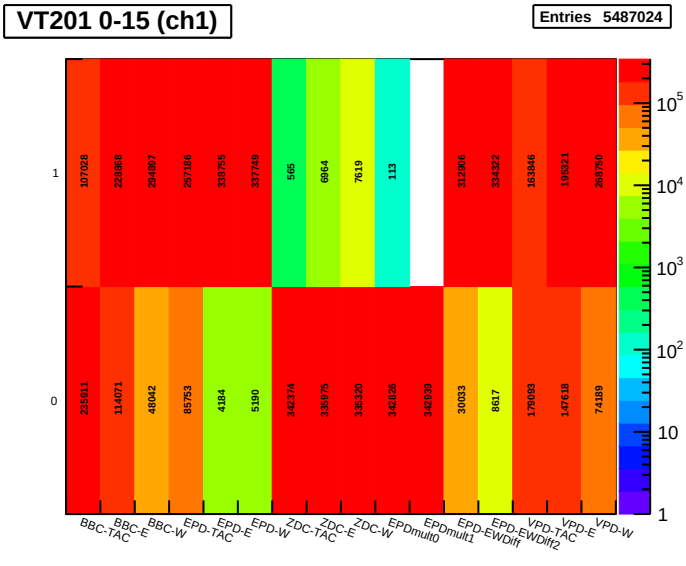

Entries 342939
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

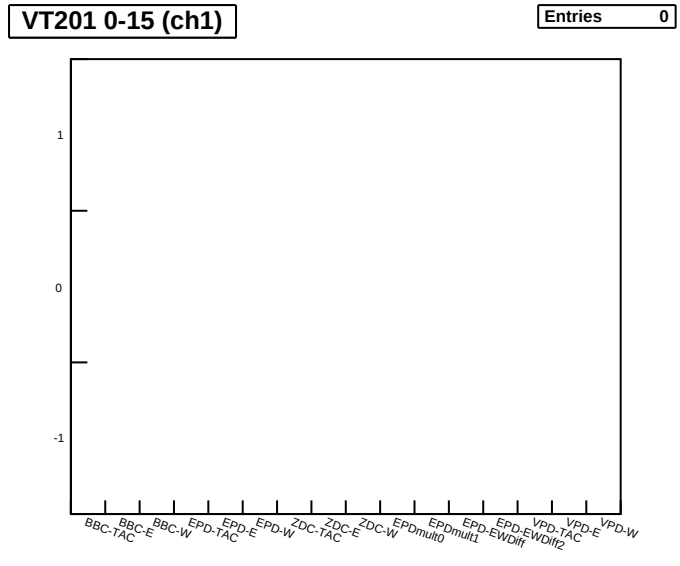

Laser Input Bits
Entries 342939
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

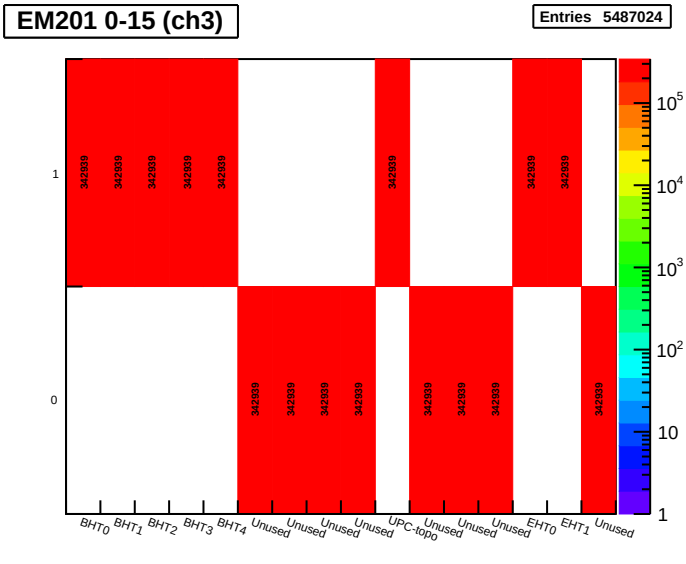

ST201 0-15 (ch6)
Entries 5487024
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
342939
342939
342939
342939
342939
342939
342939
342939
342939
342939
342939
342939
342939
342939
342938
342933
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

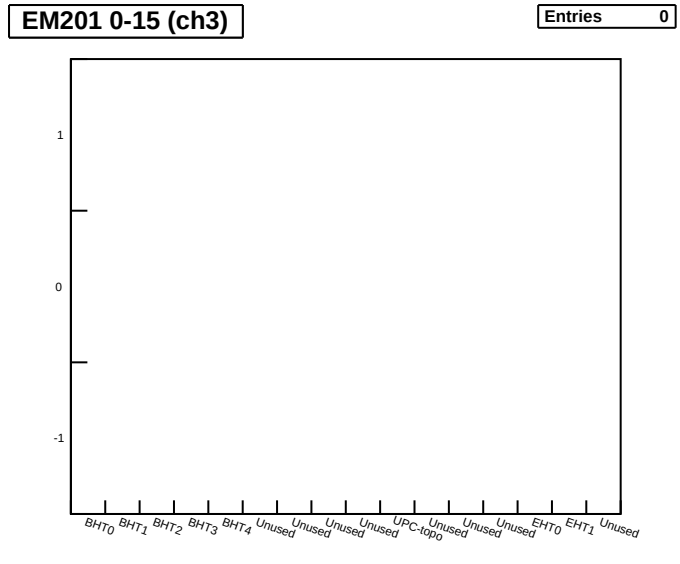

TF201 0-15 (ch0)
Entries 5487024
1
0
342939
339091
306678
295619
226808
284481
284551
281935
342939
342939
342939
342939
342939
3848
36261
47120
116131
58498
58388
61004
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5487024
1
0
107028
228868
294897
257186
338755
337749
565
6964
7619
113
312906
334322
163946
195321
268750
235911
114071
48042
85753
4184
5190
342374
339975
335320
342826
342939
30033
8617
179093
147618
74189
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 5487024
1
0
342939
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