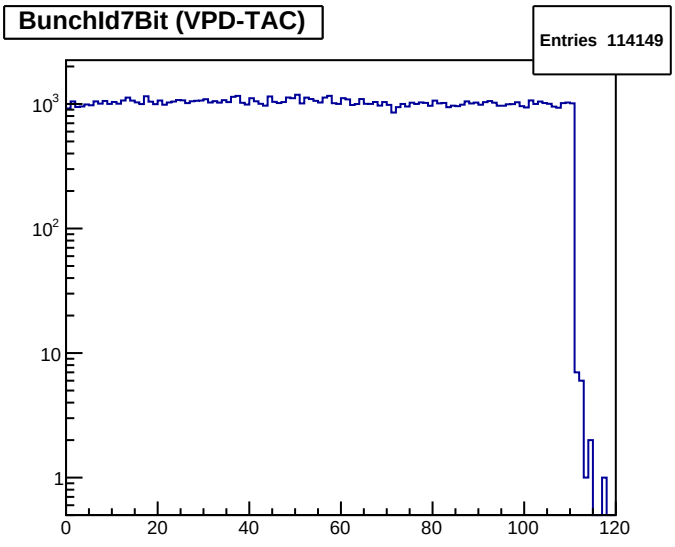
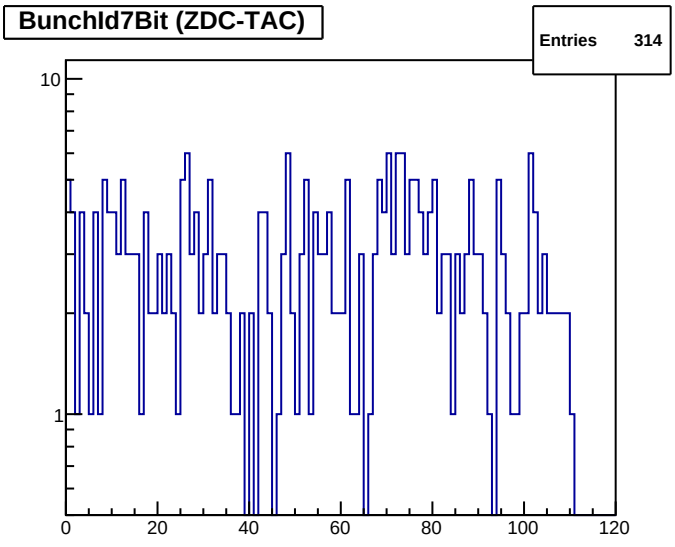
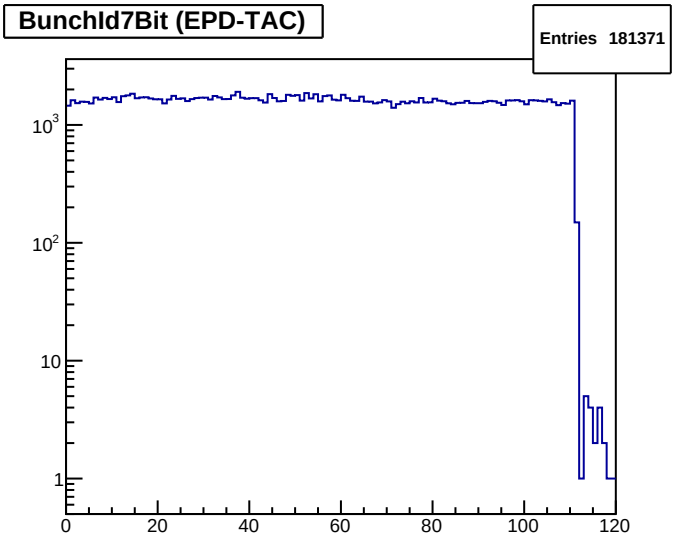
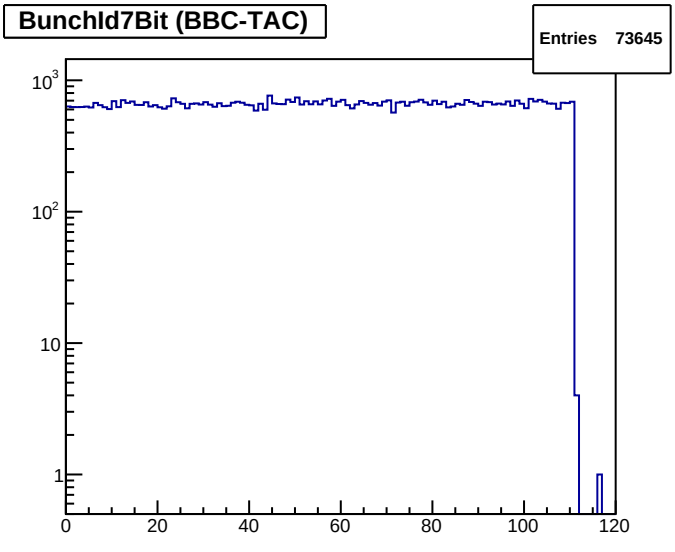
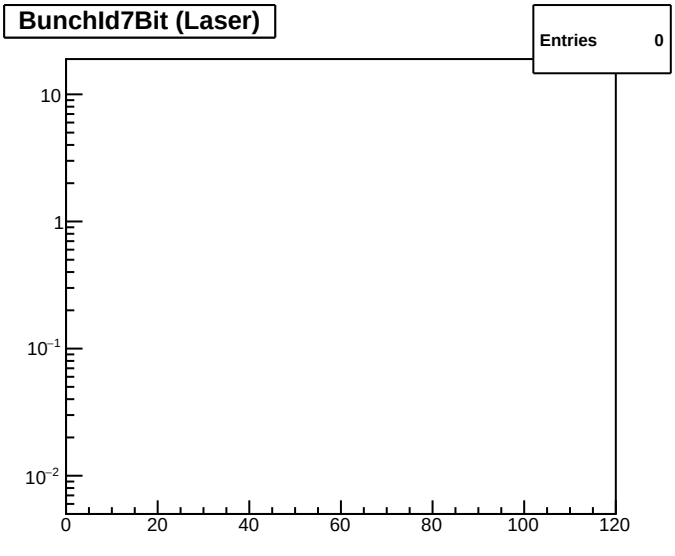
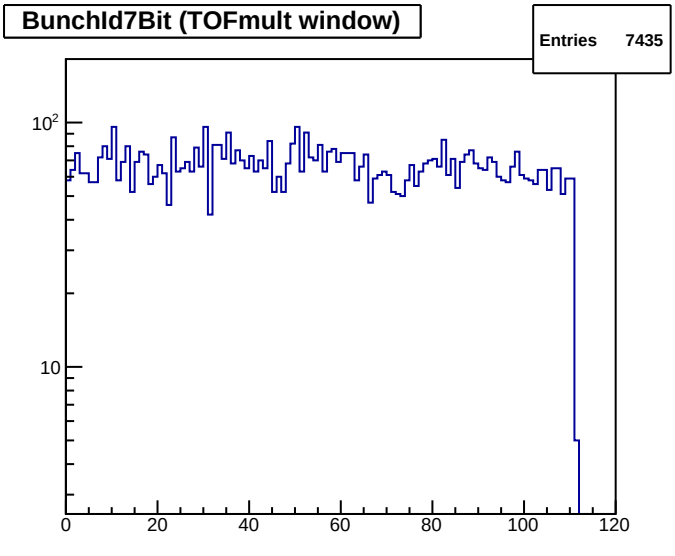

BunchId7Bit (VPD-TAC)
Entries 114149

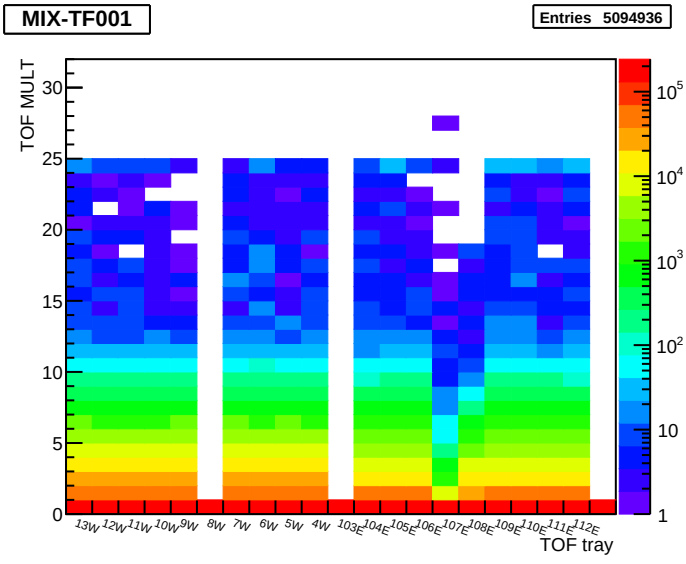

BunchId7Bit (ZDC-TAC)
Entries 314

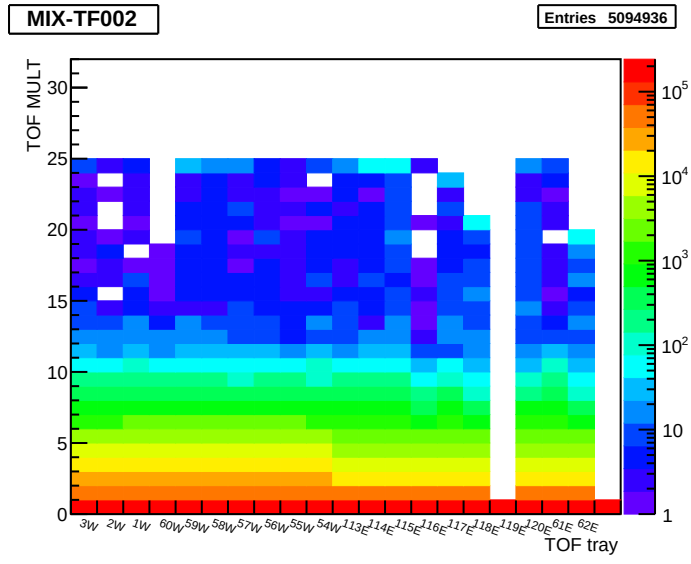

BunchId7Bit (EPD-TAC)
Entries 181371

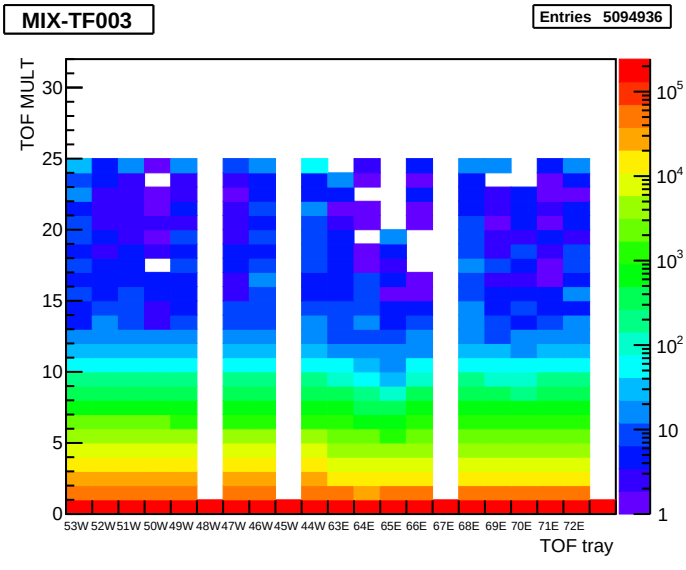

BunchId7Bit (BBC-TAC)
Entries 73645

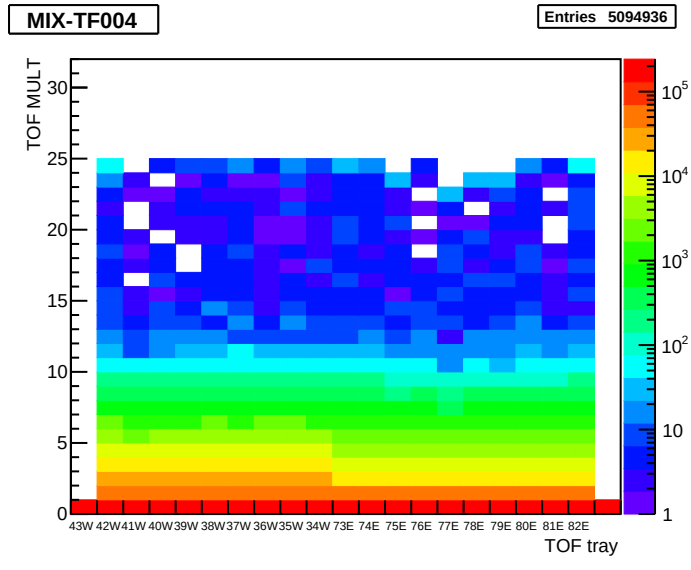

BunchId7Bit (Laser)
Entries 0

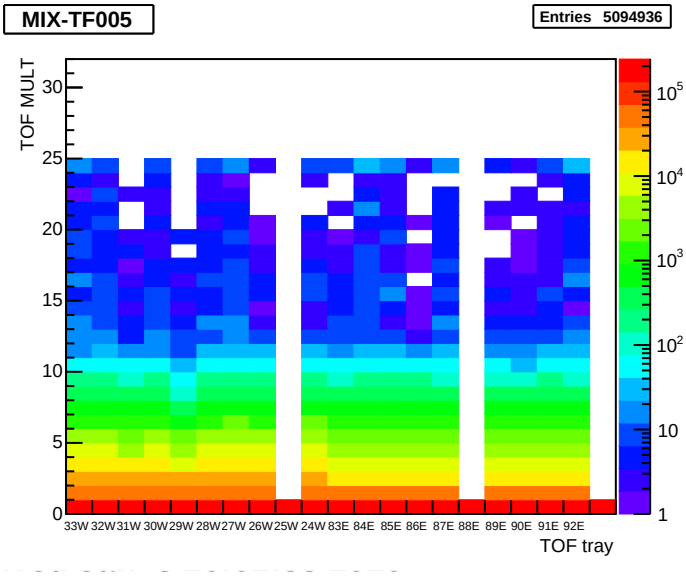

BunchId7Bit (TOFmult window)
Entries 7435

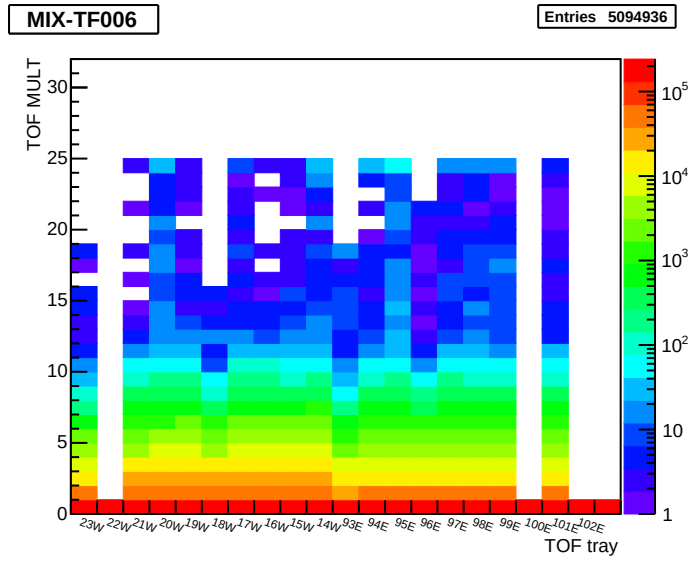

MIX-TF001
Entries 5094936
TOF MULT
TOF tray

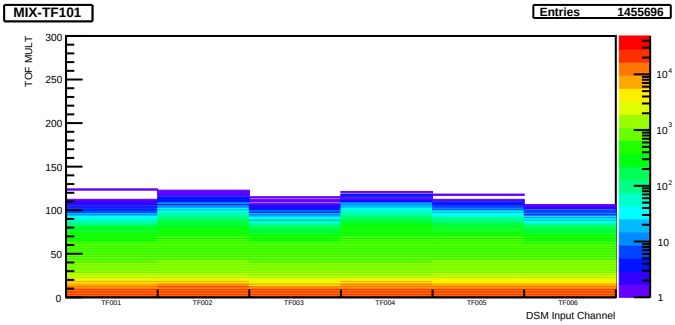

MIX-TF002
Entries 5094936
TOF MULT
TOF tray

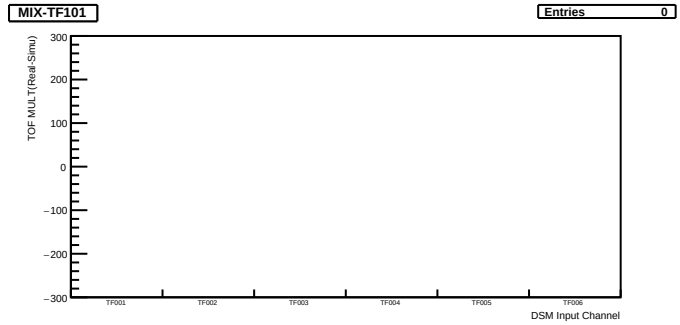

MIX-TF003
Entries 5094936
TOF MULT
TOF tray

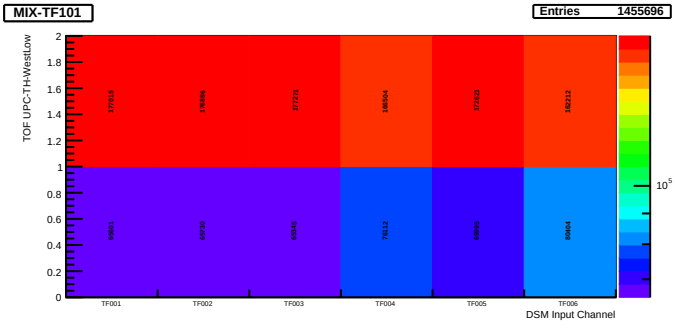

MIX-TF004
Entries 5094936
TOF MULT
TOF tray

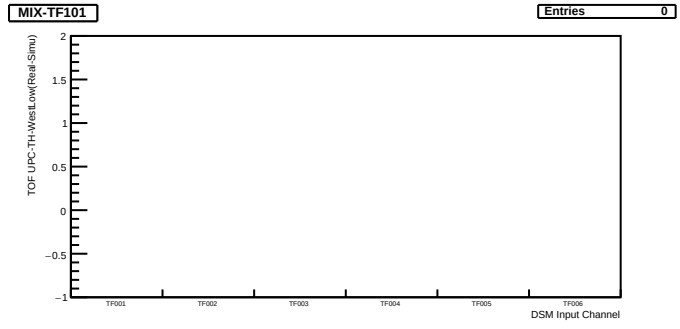

MIX-TF005
Entries 5094936
TOF MULT
TOF tray

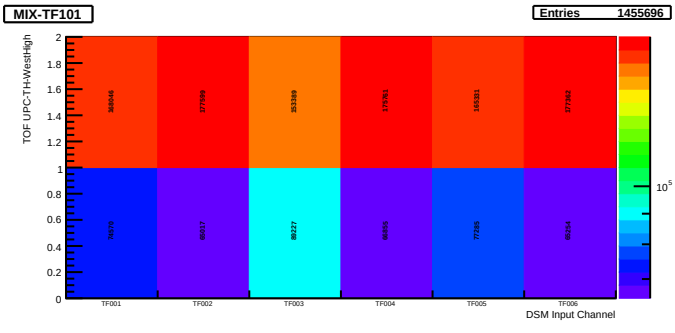

MIX-TF006
Entries 5094936
TOF MULT
TOF tray

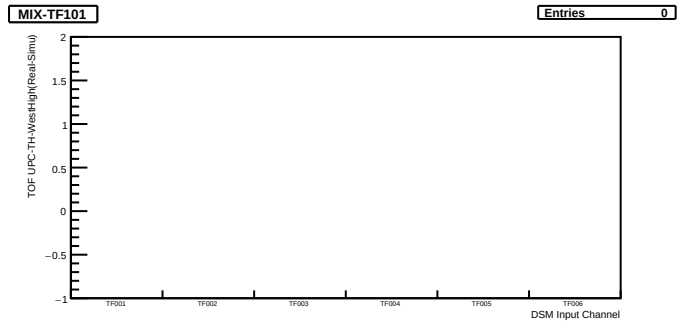

MIX-TF101
Entries 1455696
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

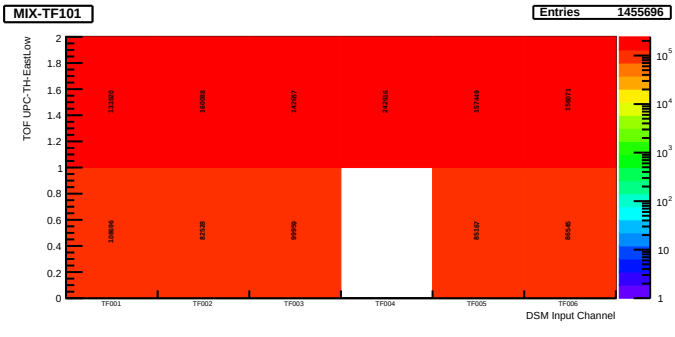

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

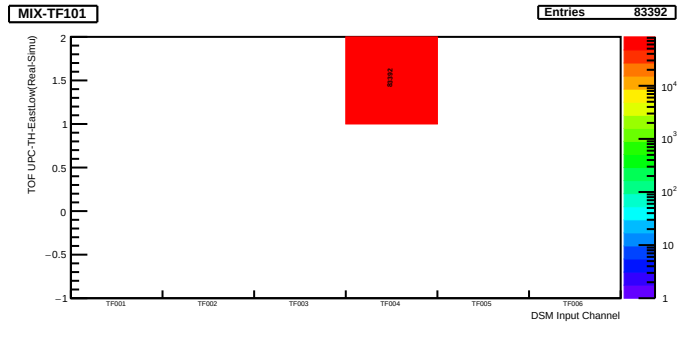

MIX-TF101
Entries 1455696
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

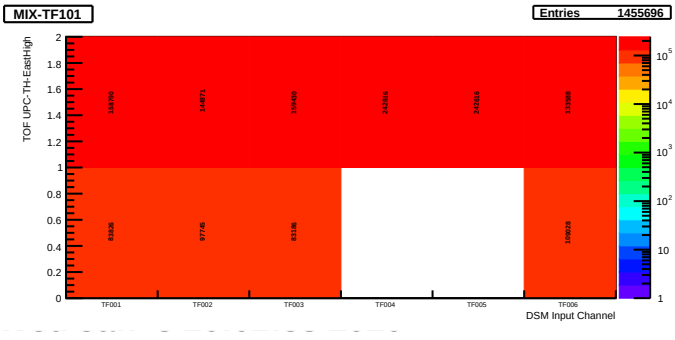

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

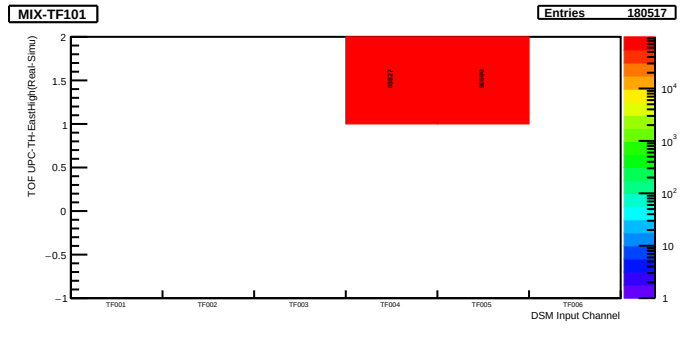

MIX-TF101
Entries 1455696
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

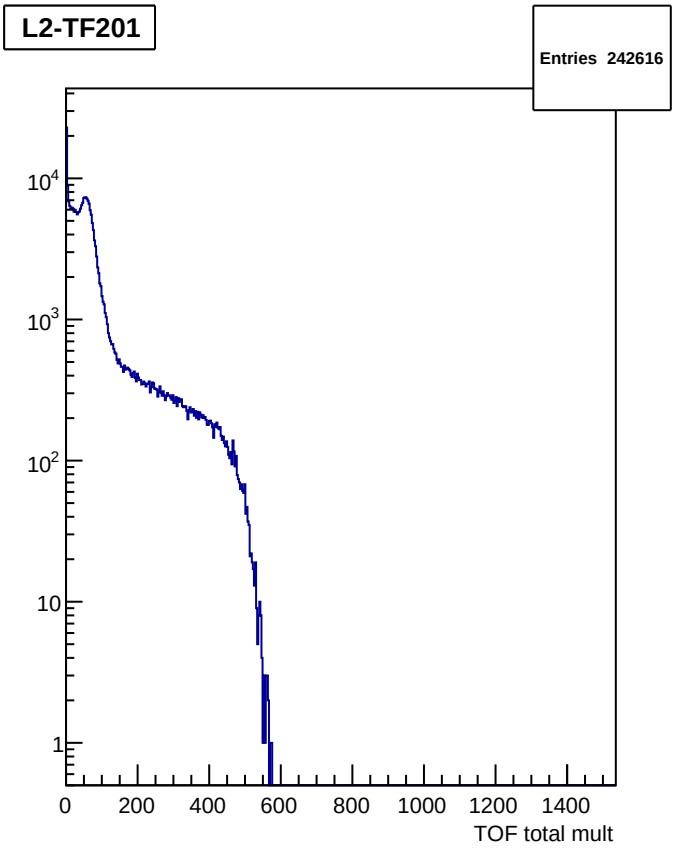

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

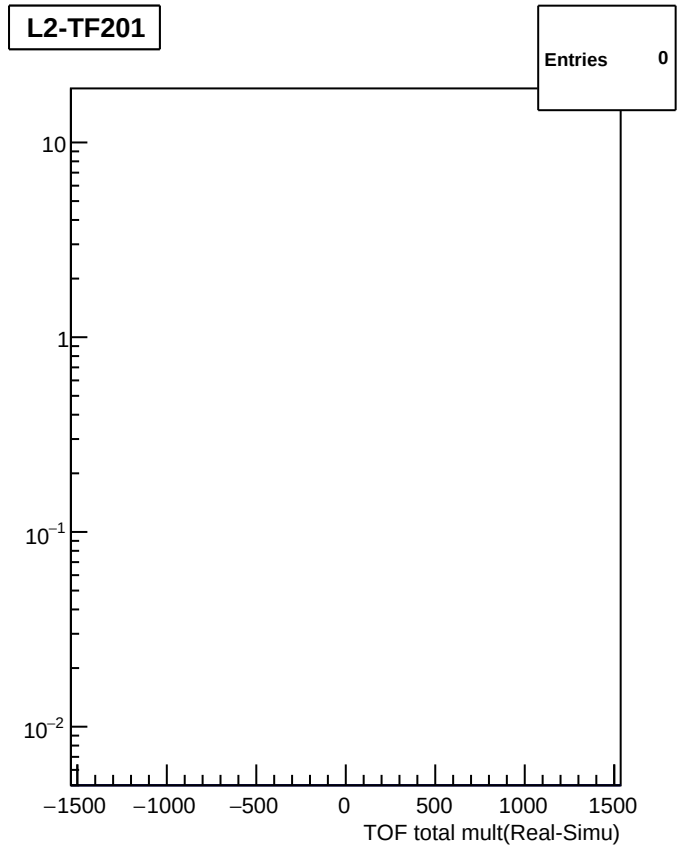

MIX-TF101
Entries 1455696
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

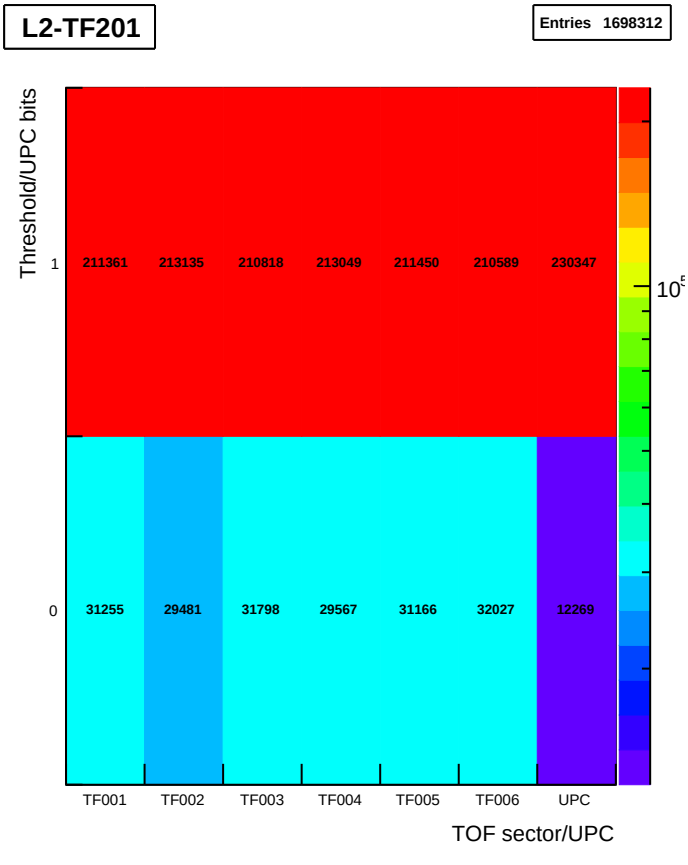

MIX-TF101
Entries 83392
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

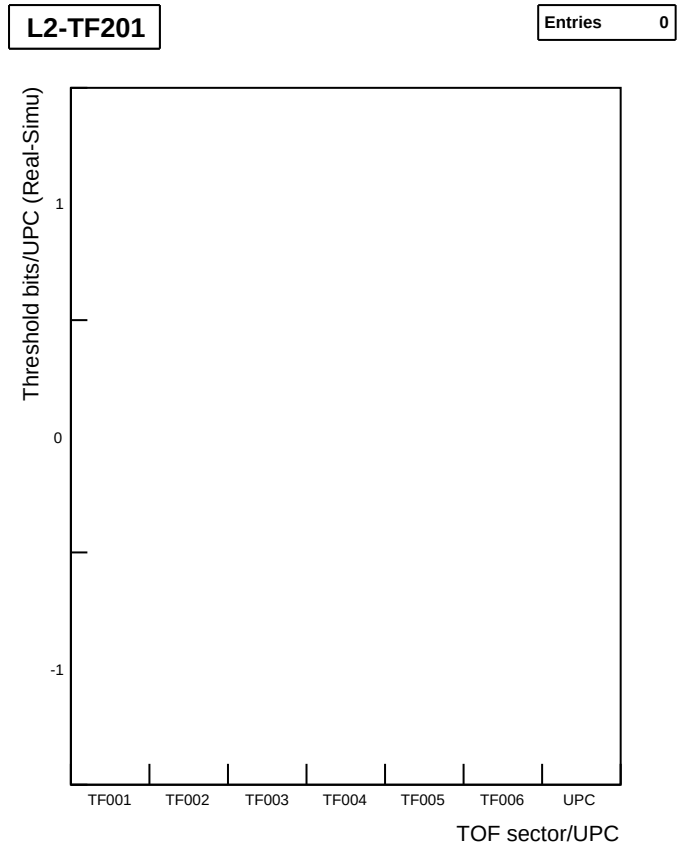

MIX-TF101
Entries 1455696
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

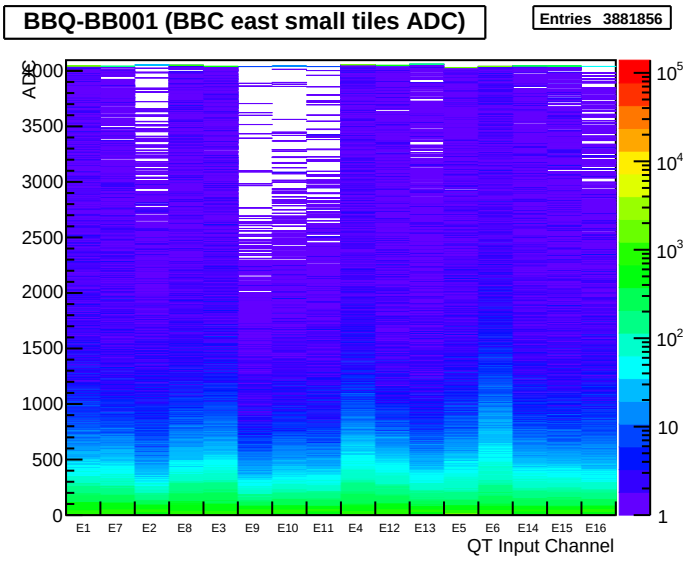

MIX-TF101
Entries 180517
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

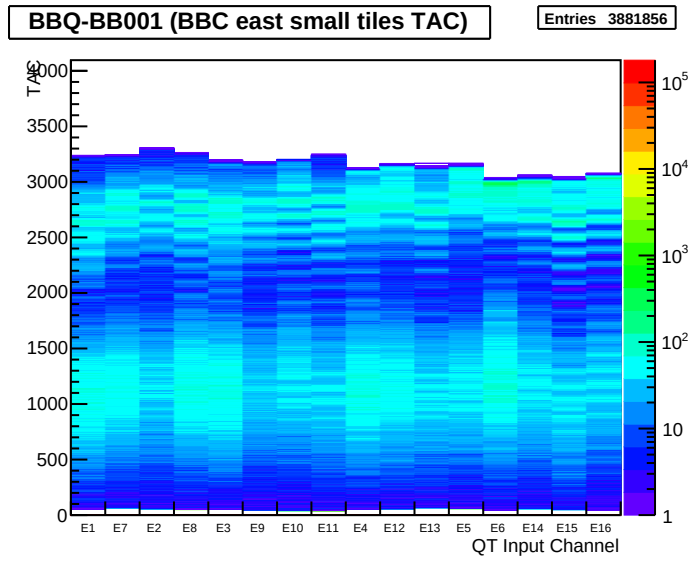

L2-TF201
Entries 242616
TOF total mult

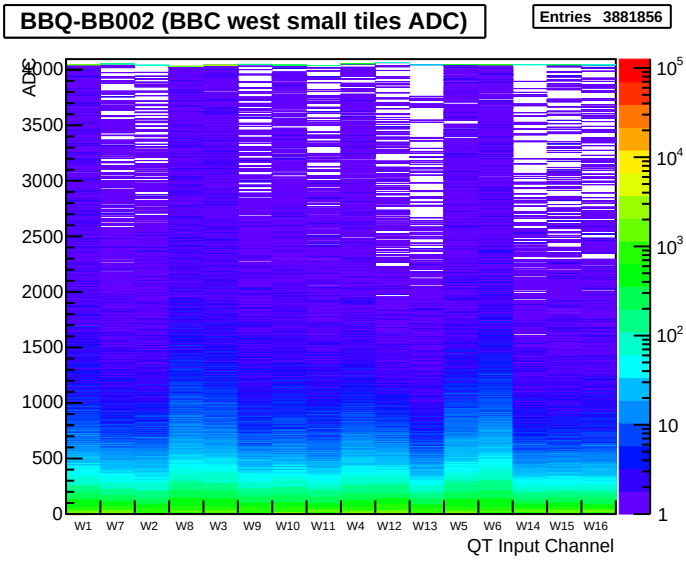

L2-TF201
Entries 0
TOF total mult(Real-Simu)

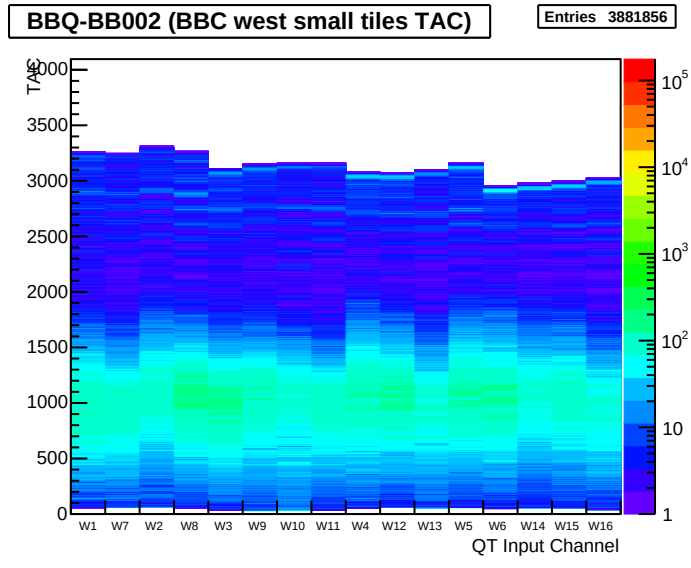

L2-TF201
Entries 1698312
Threshold/UPC bits
211361
213135
210818
213049
211450
210589
230347
31255
29481
31798
29567
31166
32027
12269
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

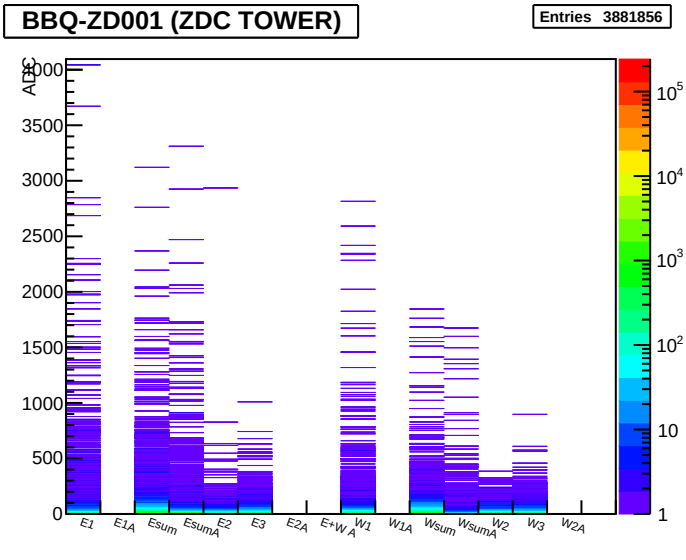

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

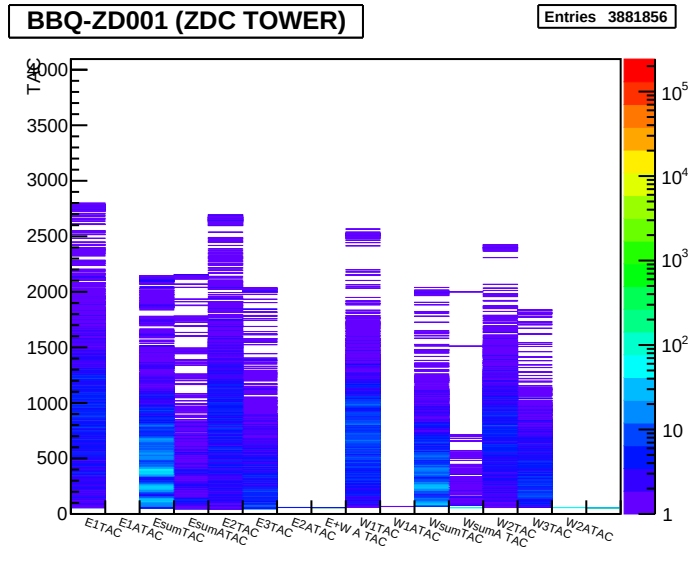

BBQ-BB001 (BBC east small tiles ADC)
Entries 3881856
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

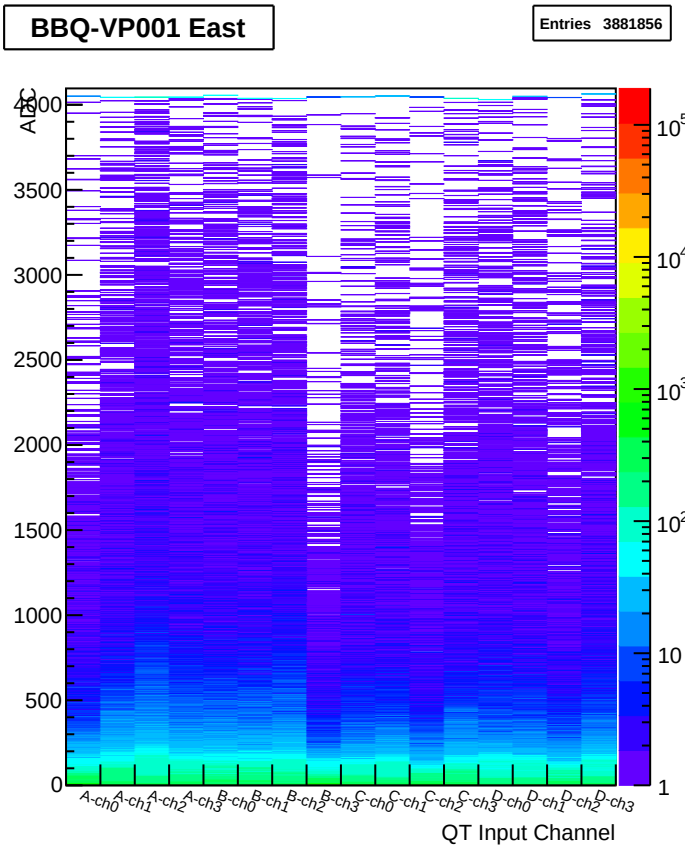

BBQ-BB001 (BBC east small tiles TAC)
Entries 3881856
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

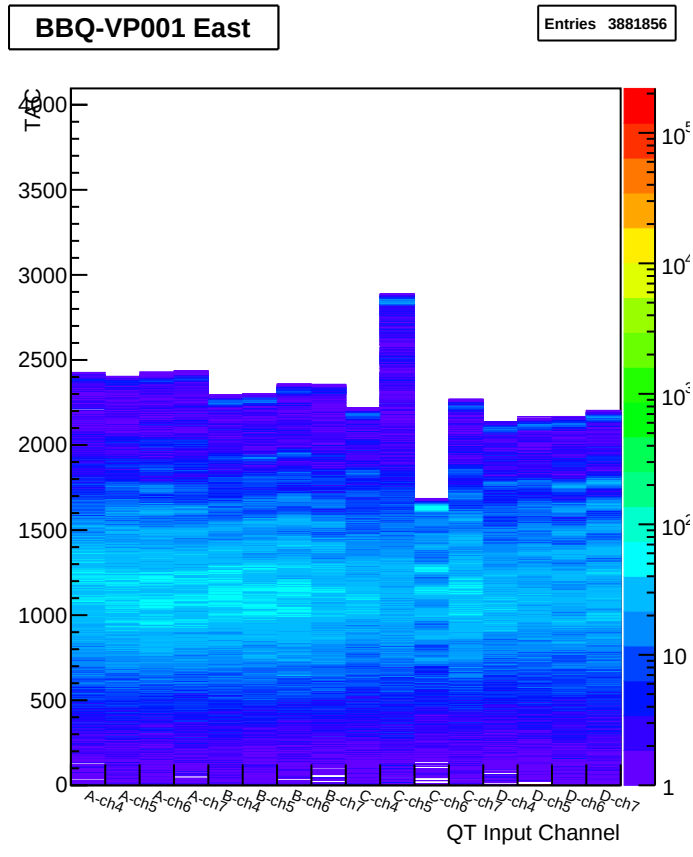

BBQ-BB002 (BBC west small tiles ADC)
Entries 3881856
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

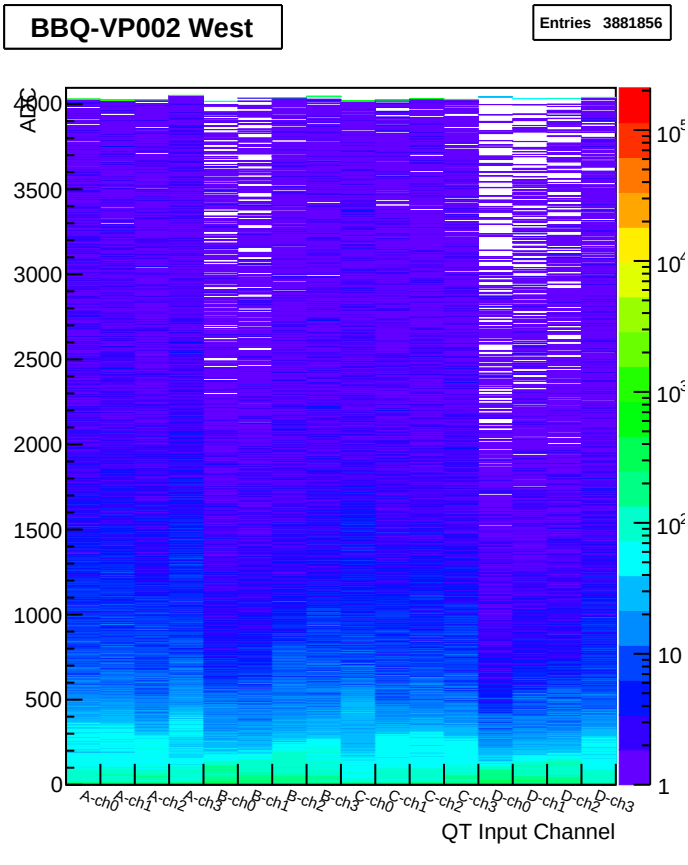

BBQ-BB002 (BBC west small tiles TAC)
Entries 3881856
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

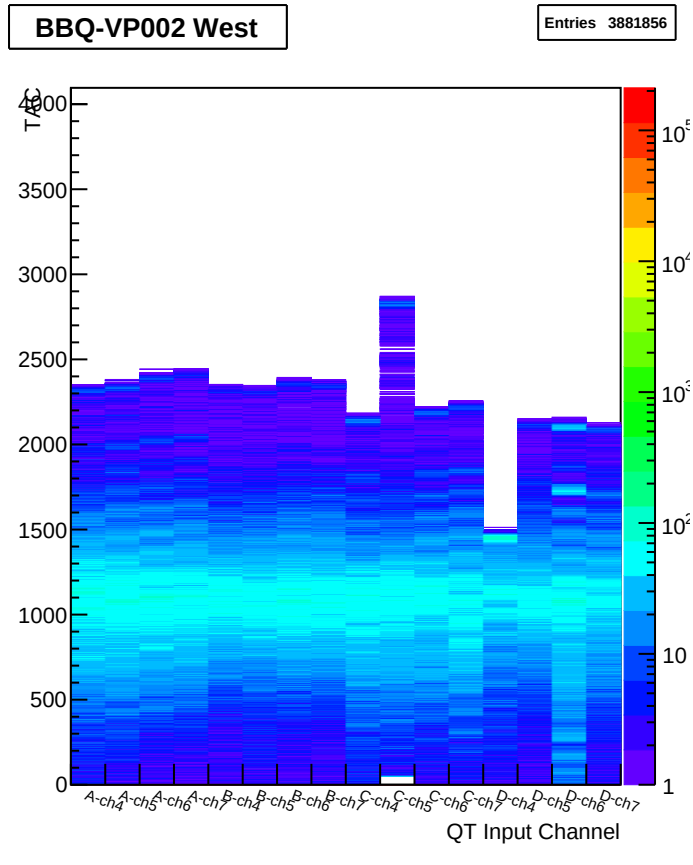

BBQ-ZD001 (ZDC TOWER)
Entries 3881856
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

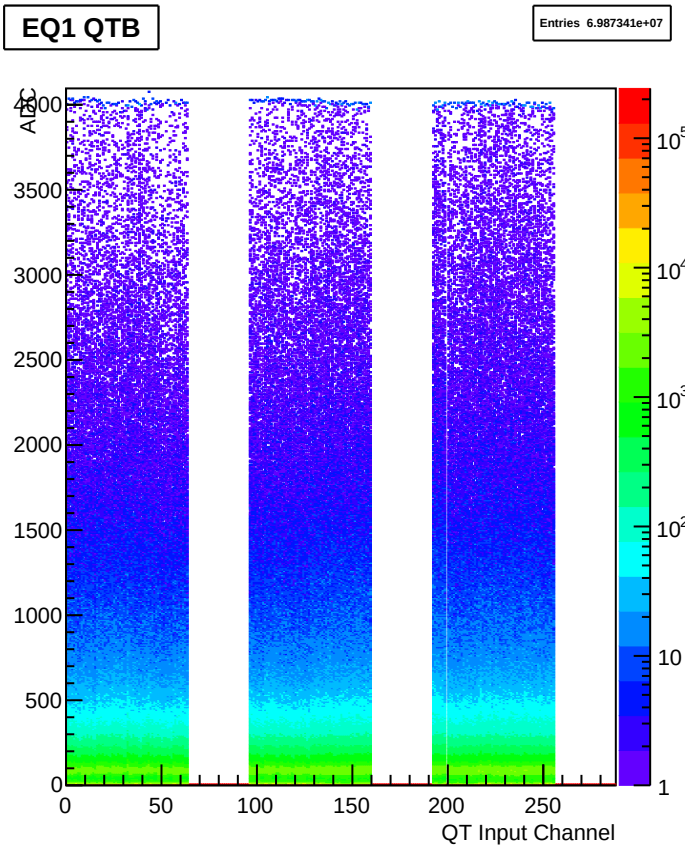

BBQ-ZD001 (ZDC TOWER)
Entries 3881856
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

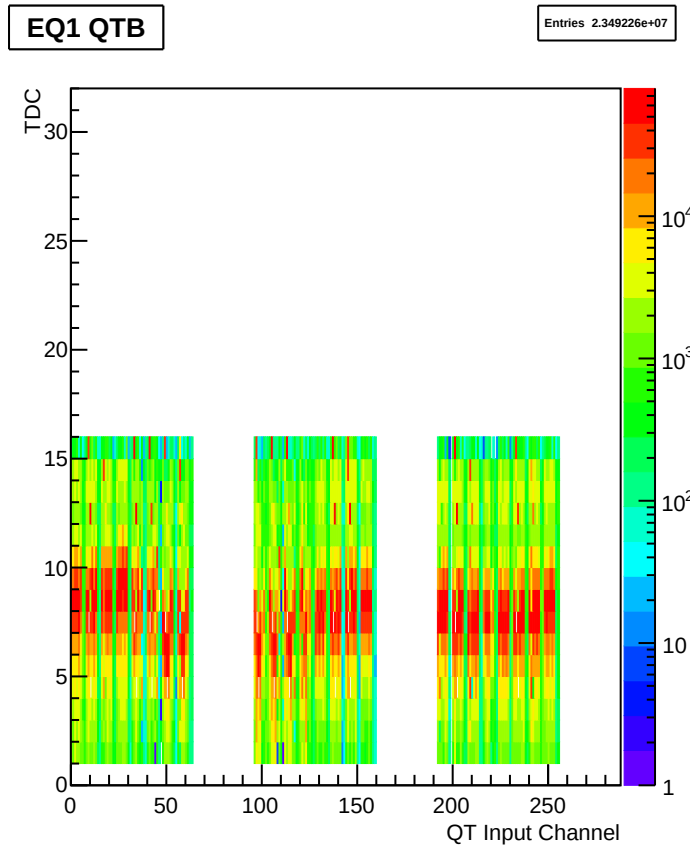

BBQ-VP001 East
Entries 3881856
ADC
QT Input Channel

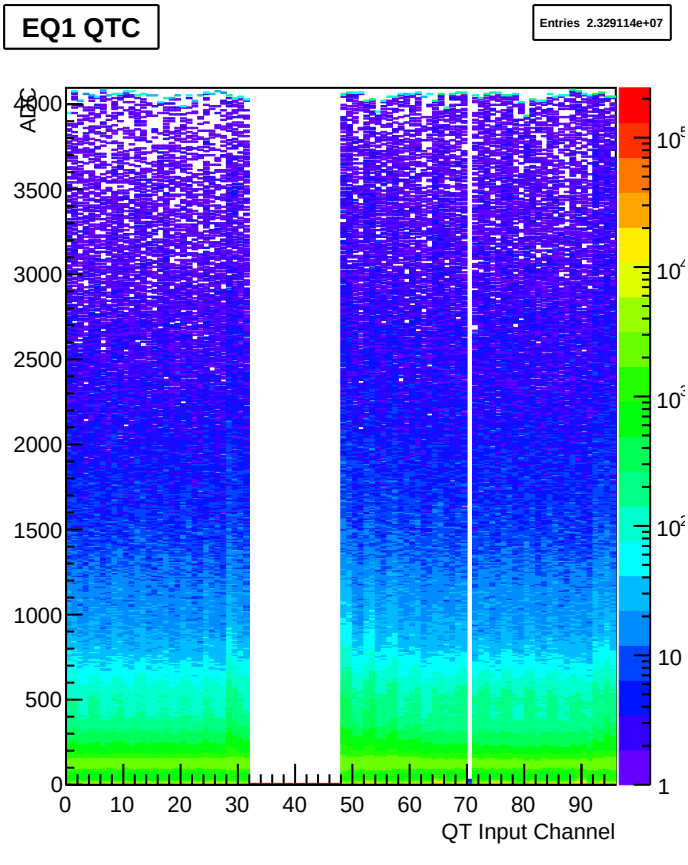

BBQ-VP001 East
Entries 3881856
TADC
QT Input Channel

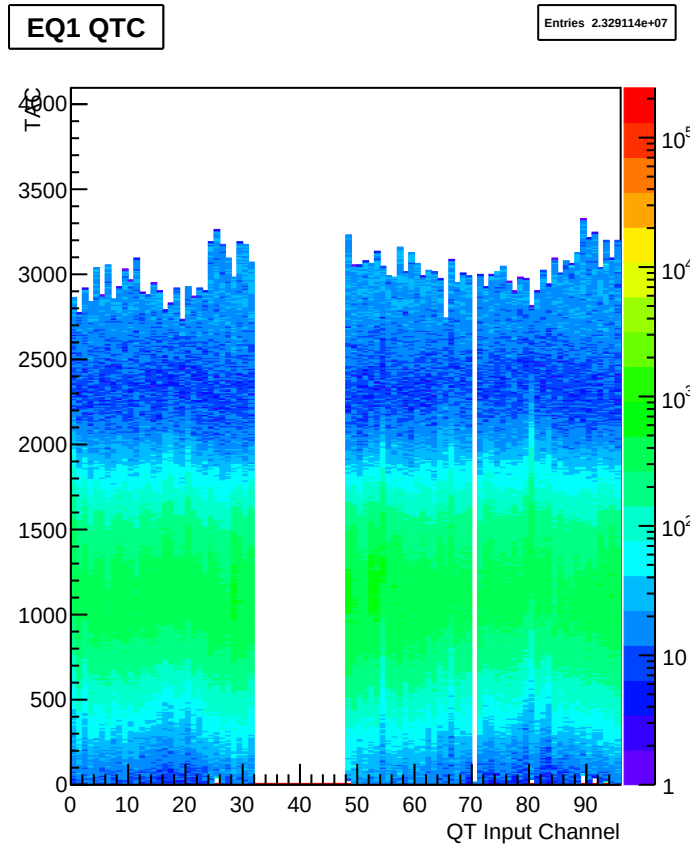

BBQ-VP002 West
Entries 3881856
ADC
QT Input Channel

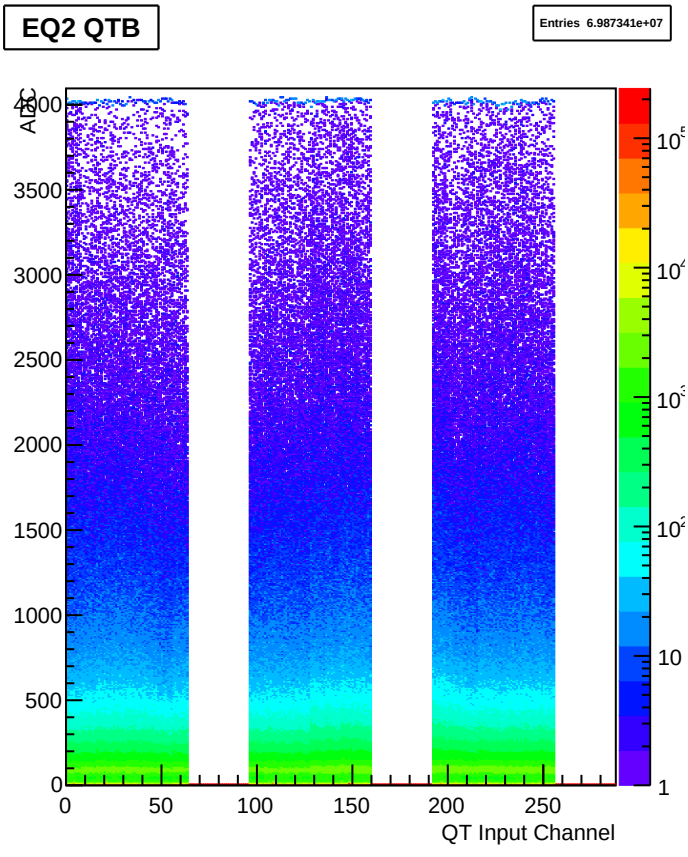

BBQ-VP002 West
Entries 3881856
TADC
QT Input Channel

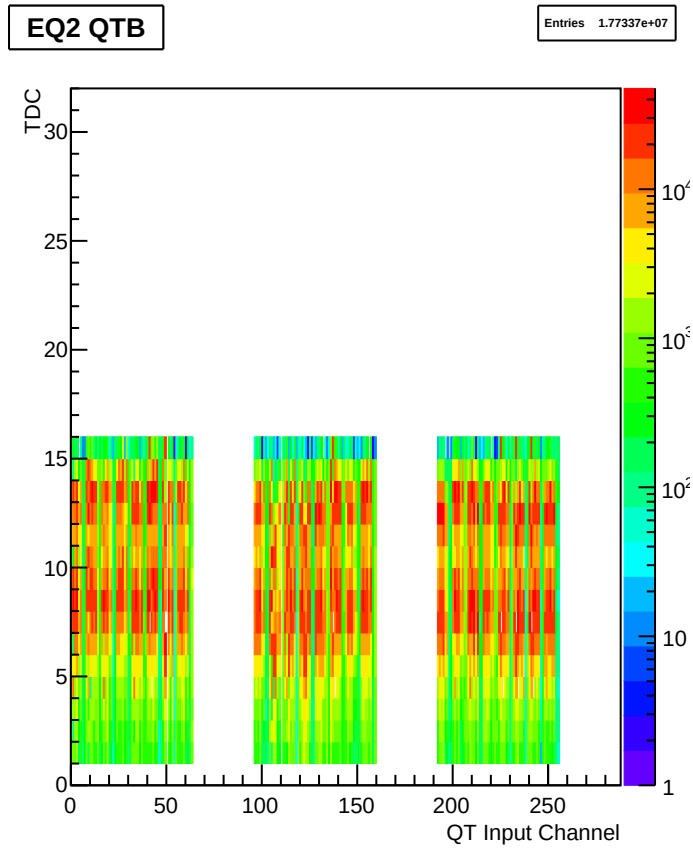

EQ1 QTB
Entries 6.987341e+07
ADC
QT Input Channel

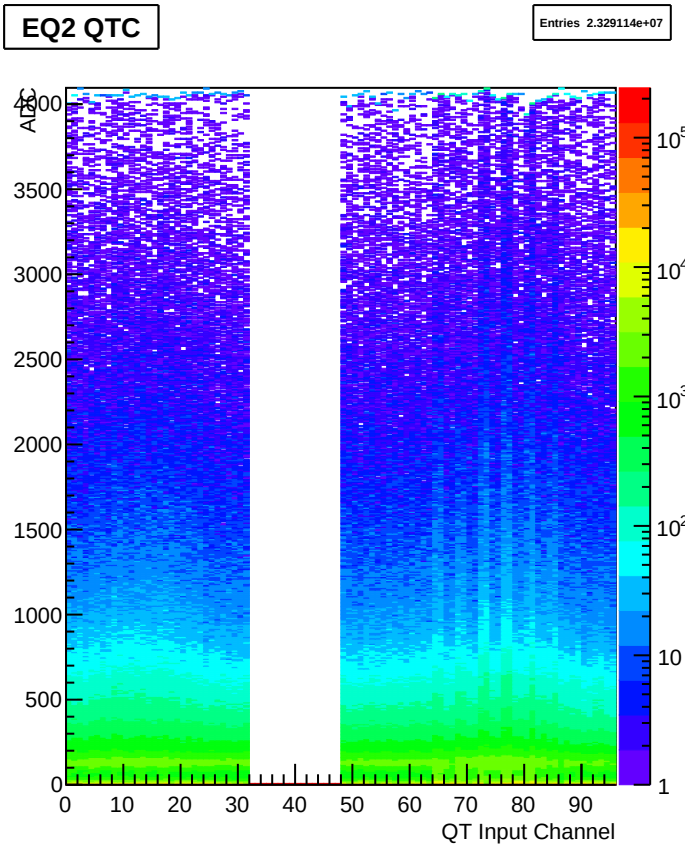

EQ1 QTB
Entries 2.349226e+07
TDC
QT Input Channel

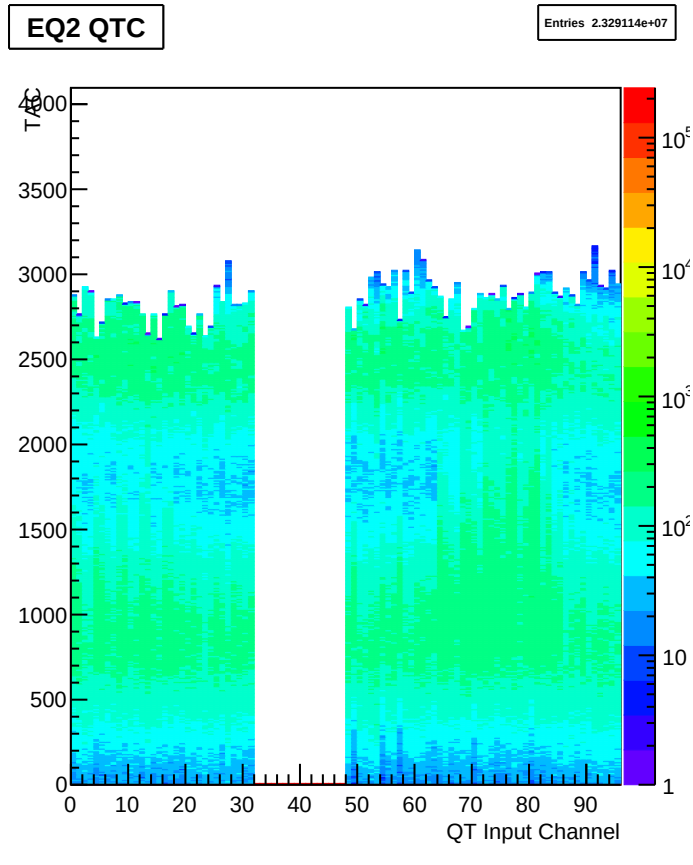

EQ1 QTC
Entries 2.329114e+07
ADC
QT Input Channel

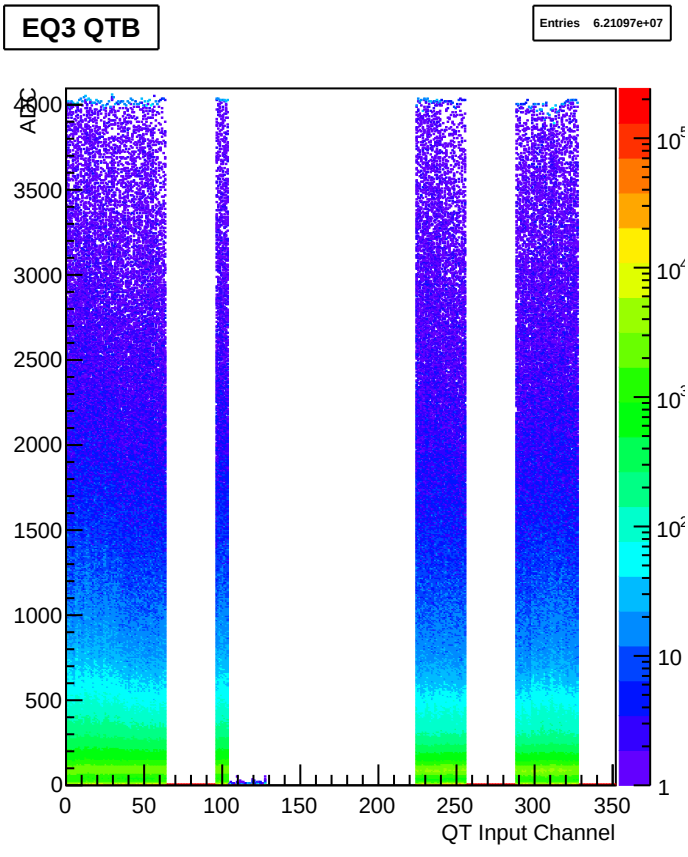

EQ1 QTC
Entries 2.329114e+07
TADC
QT Input Channel

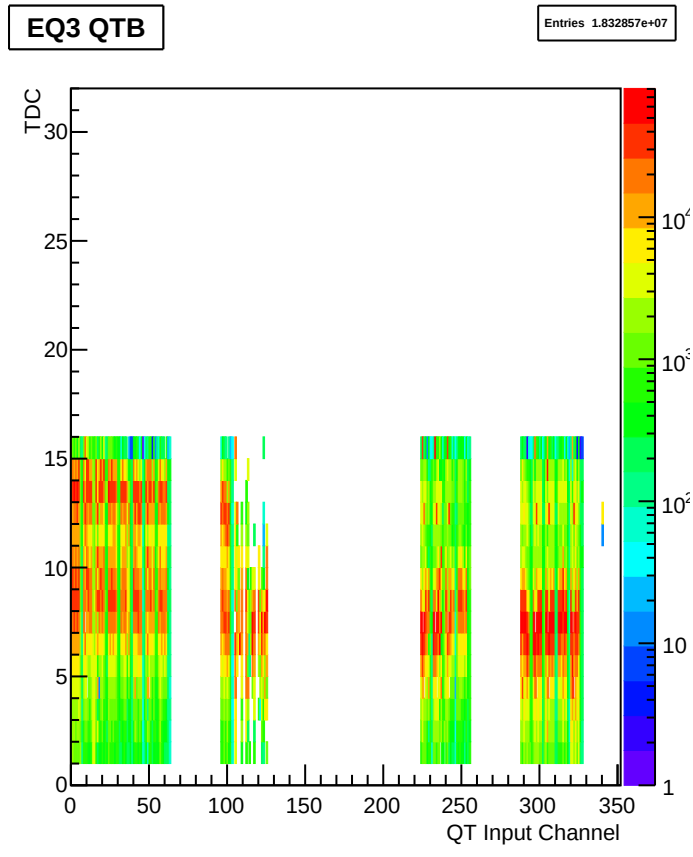

EQ2 QTB
Entries 6.987341e+07
ADC
QT Input Channel

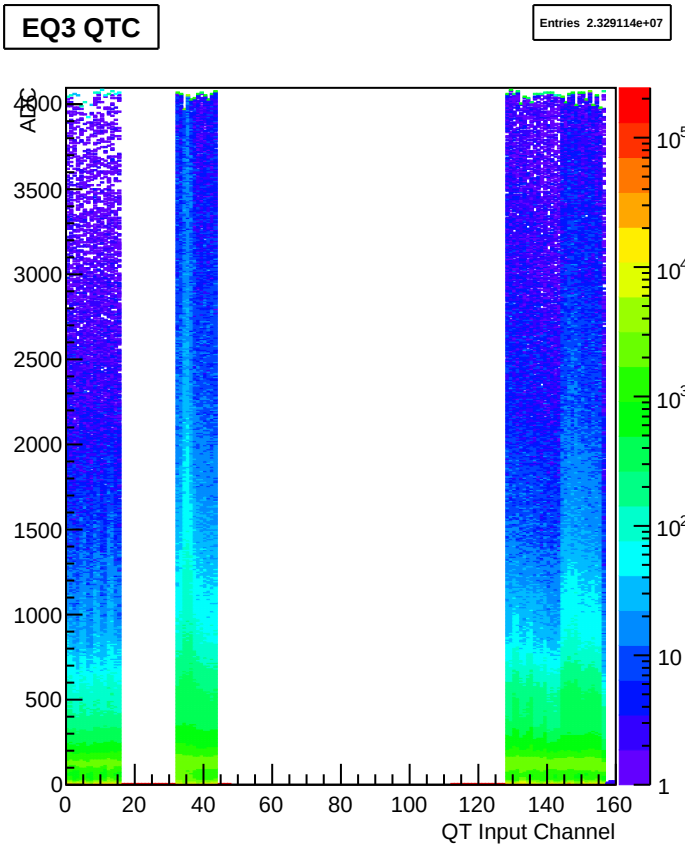

EQ2 QTB
Entries 1.77337e+07
TDC
QT Input Channel

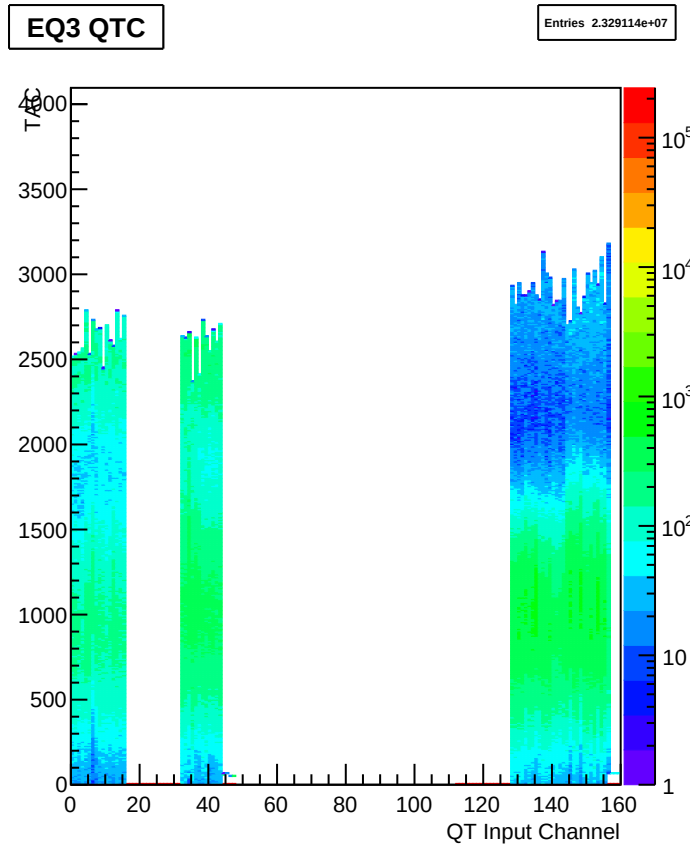

EQ2 QTC
Entries 2.329114e+07
ADC
QT Input Channel

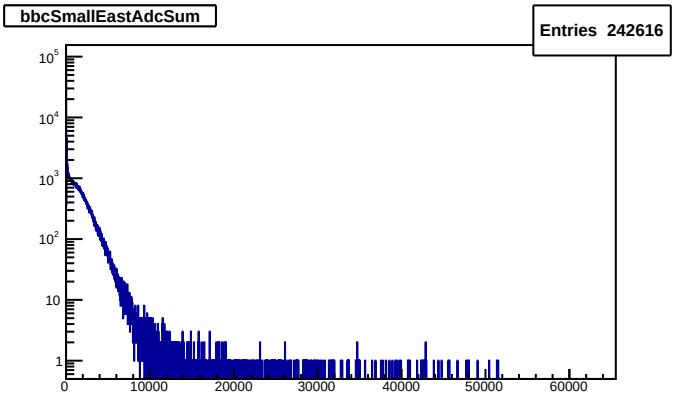

EQ2 QTC
Entries 2.329114e+07
TADC
QT Input Channel

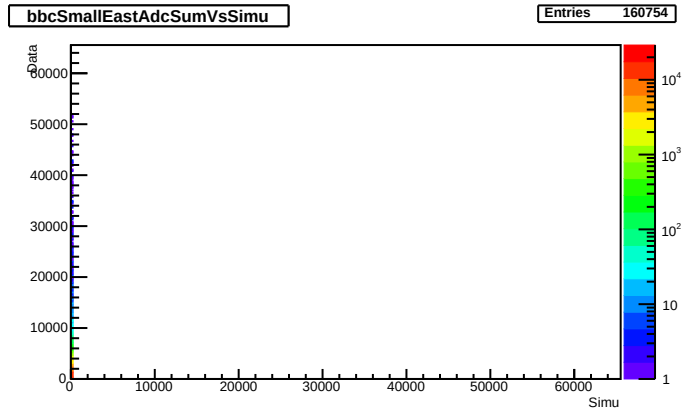

EQ3 QTB
Entries 6.21097e+07
ADC
QT Input Channel

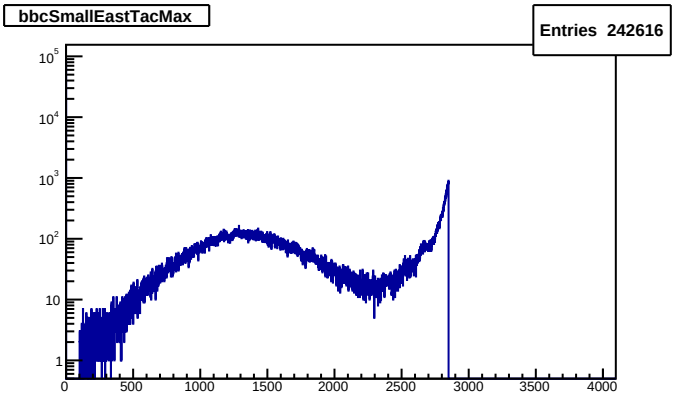

EQ3 QTB
Entries 1.832857e+07
TDC
QT Input Channel

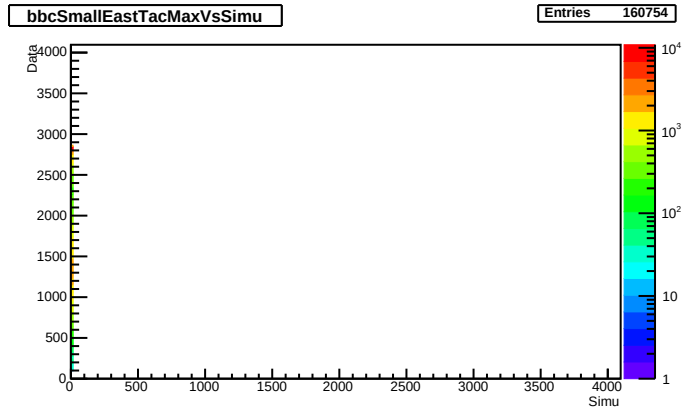

EQ3 QTC
Entries 2.329114e+07
ADC
QT Input Channel

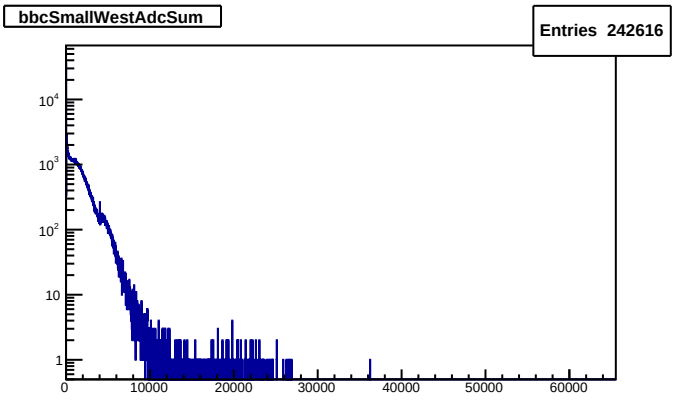

EQ3 QTC
Entries 2.329114e+07
TADC
QT Input Channel

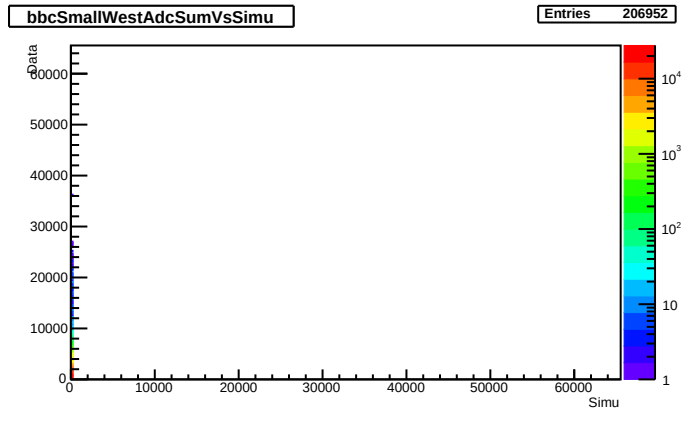

bbcSmallEastAdcSum
Entries 242616


bbcSmallEastAdcSumVsSimu
Entries 160754
Data
Simu


bbcSmallEastTacMax
Entries 242616


bbcSmallEastTacMaxVsSimu
Entries 160754
Data
Simu


bbcSmallWestAdcSum
Entries 242616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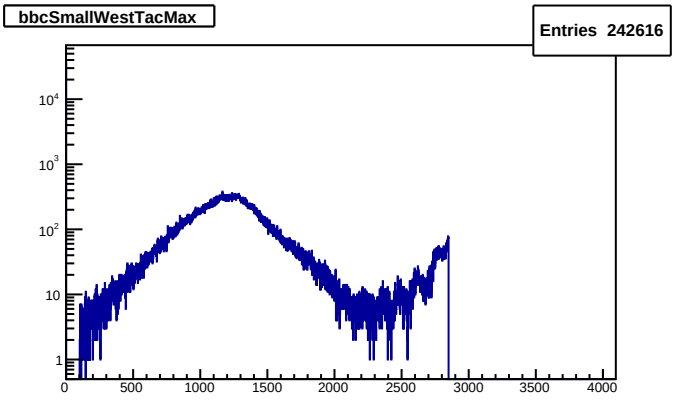
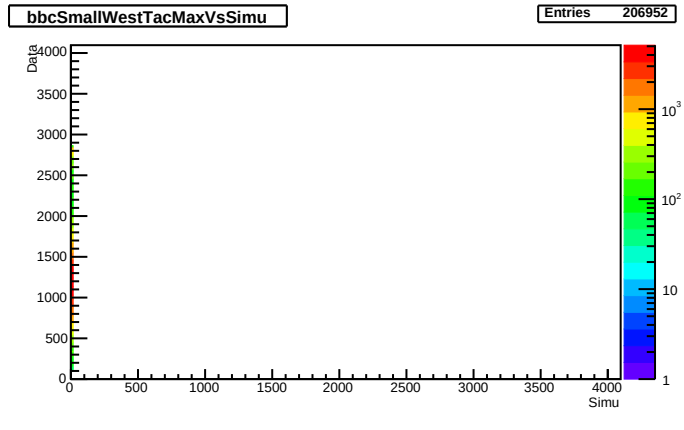
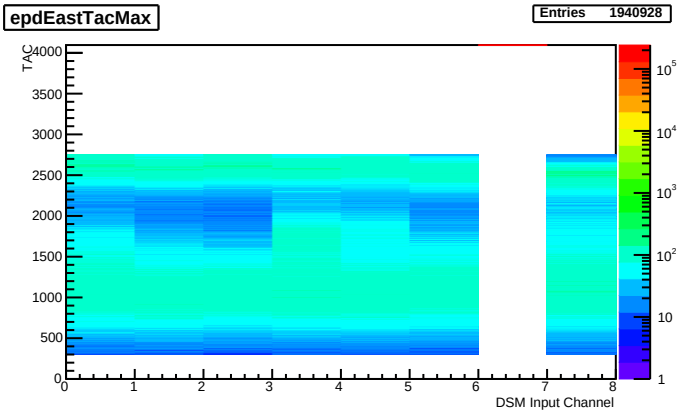
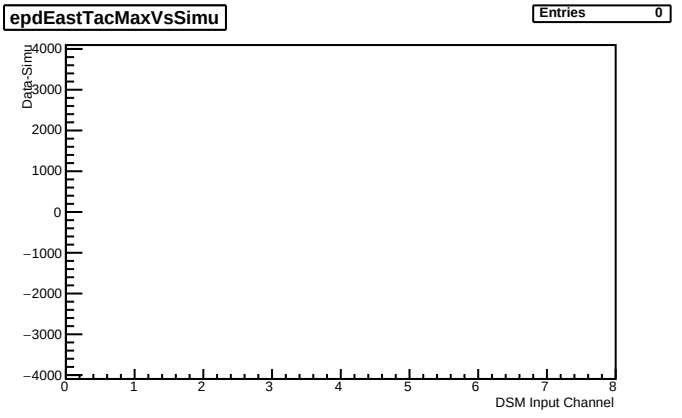
Entries 206952
Data
Simu


bbcSmallWestTacMax
Entries 242616


bbcSmallWestTacMaxVsSimu
Entries 206952
Data
Simu


epdEastTacMax
Entries 1940928
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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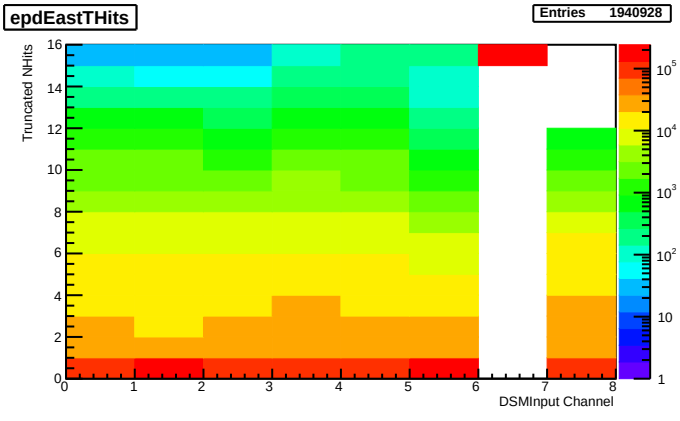
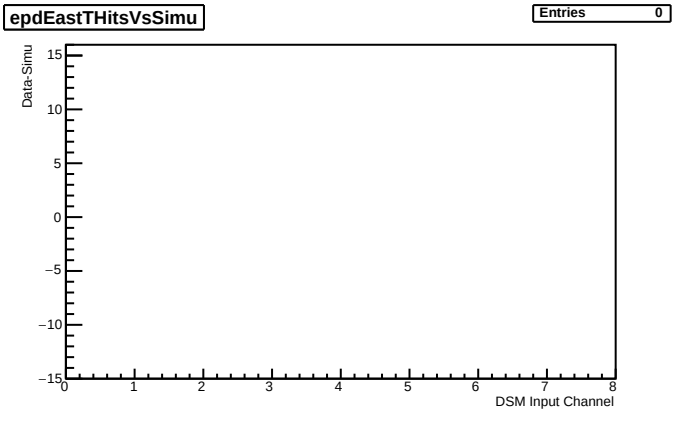
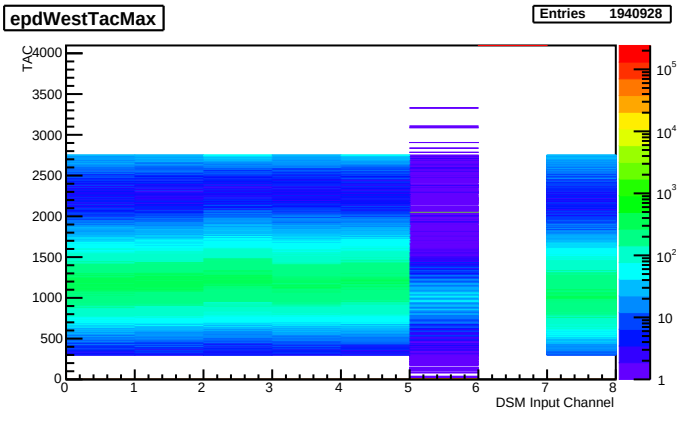
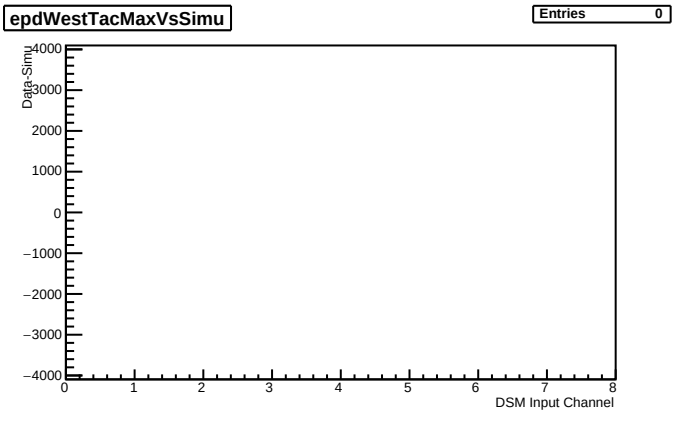

epdEastTHits
Entries 1940928
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1940928
TAC
DSM Input Channel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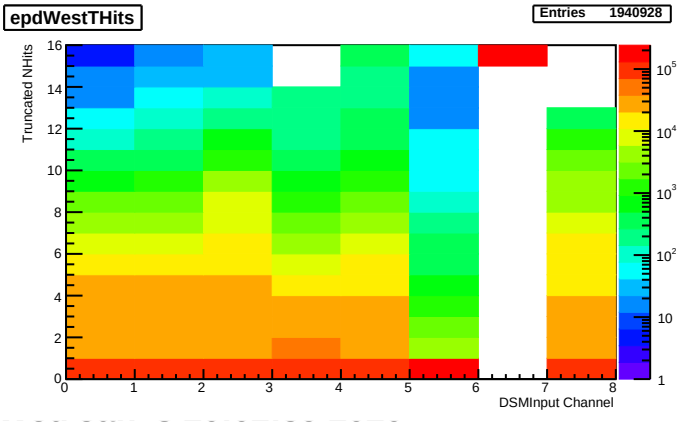
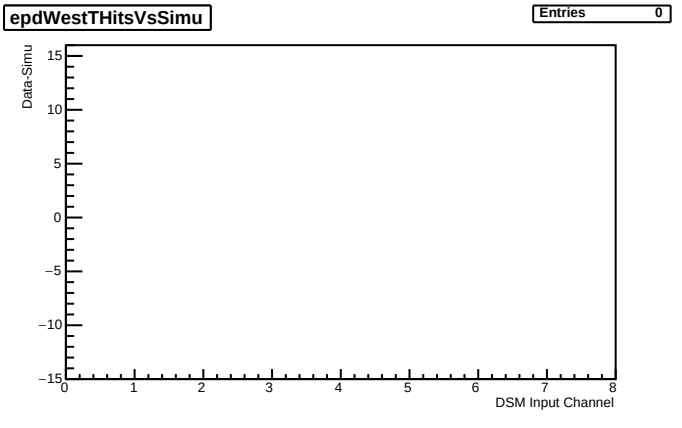
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1940928
Truncated NHits
DSMInput Channel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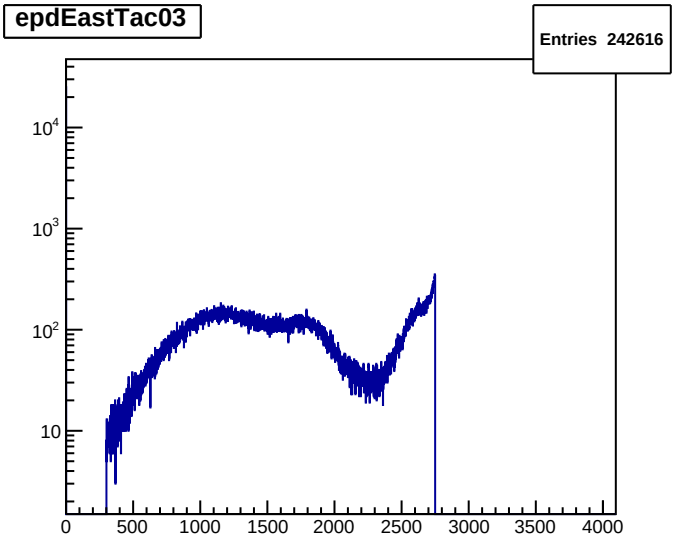
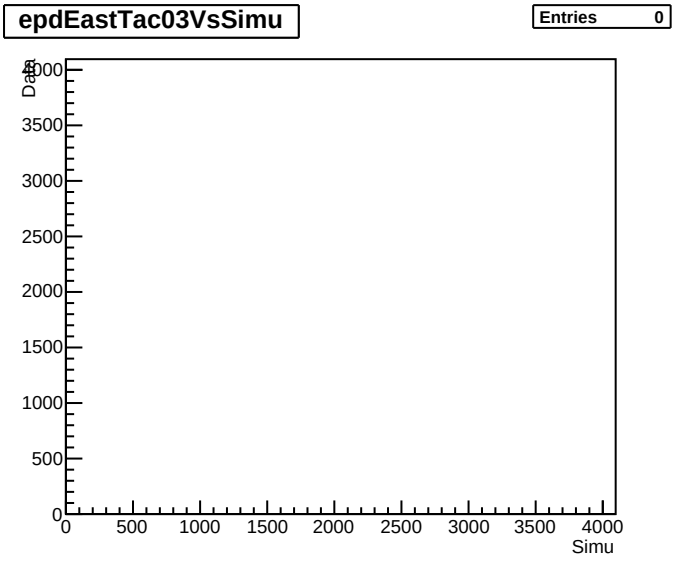
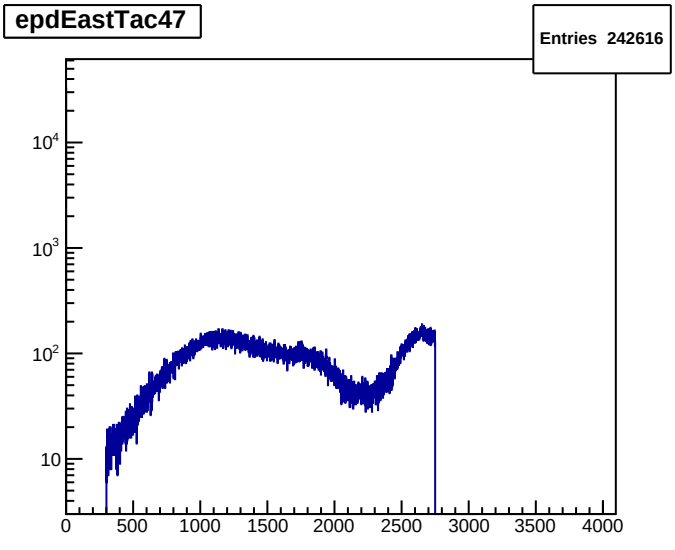
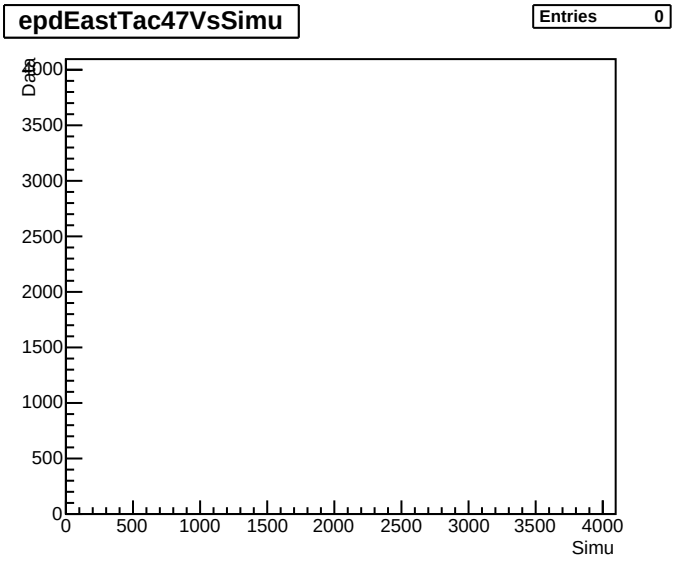
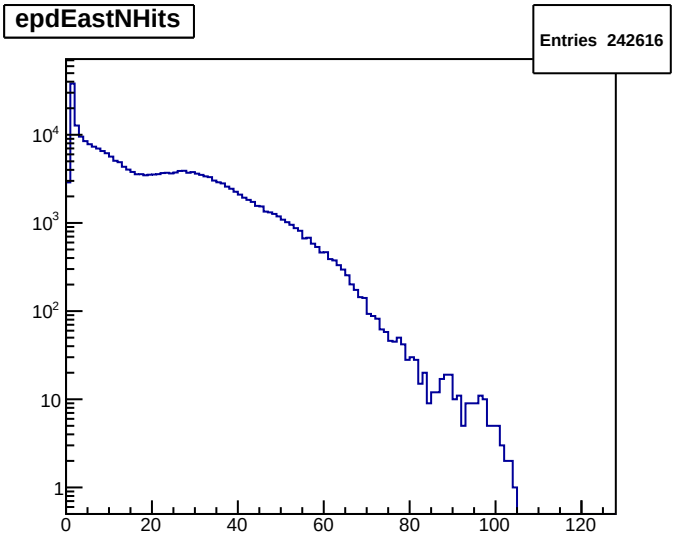
Entries 0
Data-Simu
DSM Input Channel

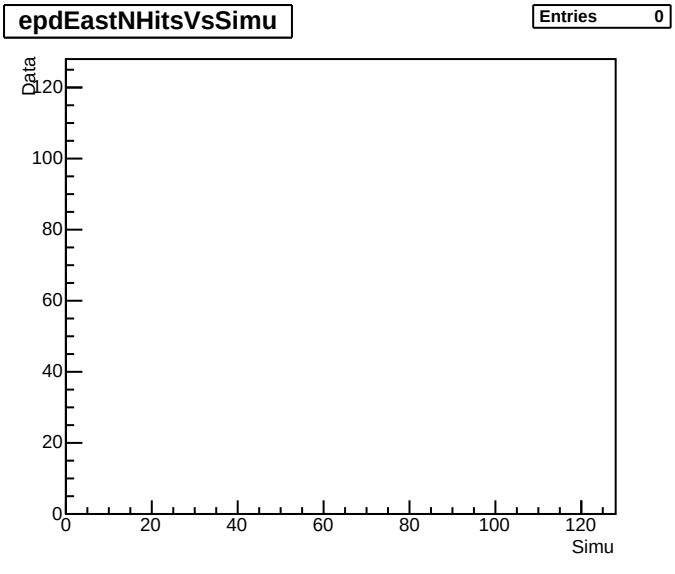

epdEastTac03
Entries 242616


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 242616


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 242616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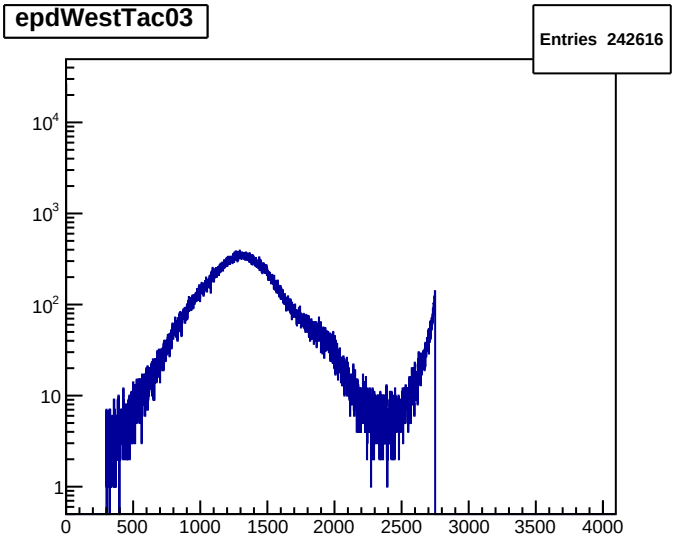
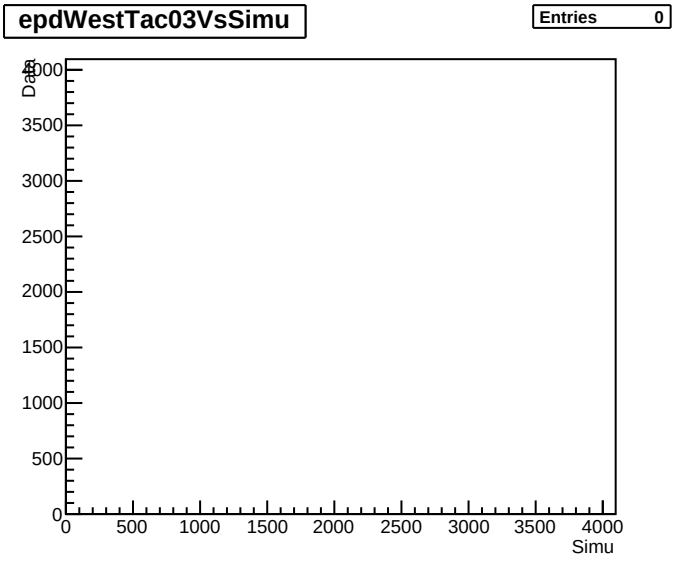
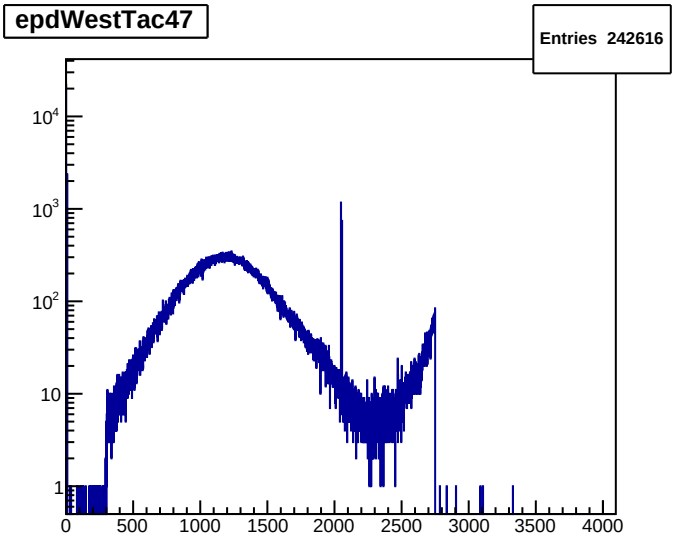
Entries 0
Data
Simu


epdWestTac03
Entries 242616


epdWestTac03VsSimu
Entries 0
Data
Simu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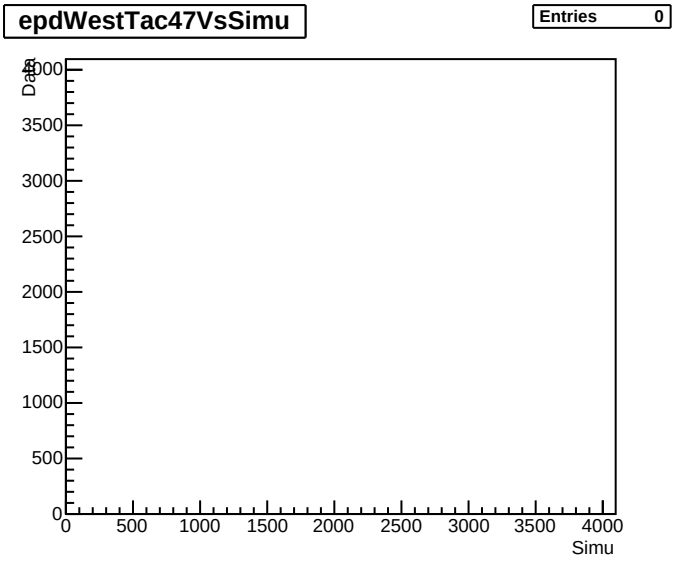
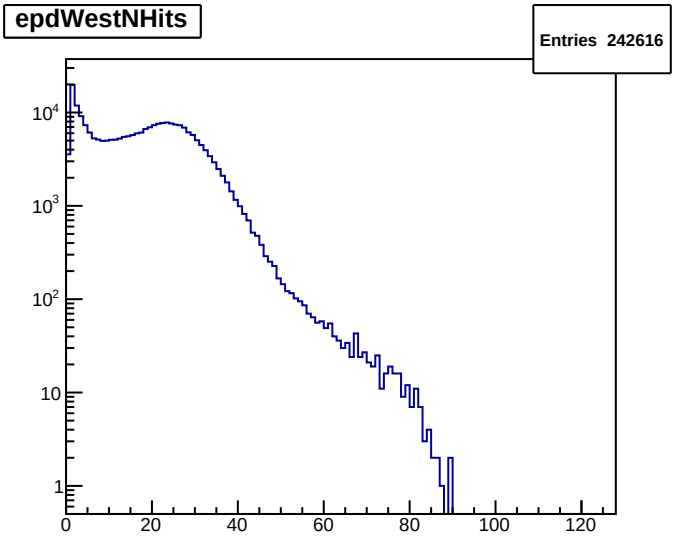
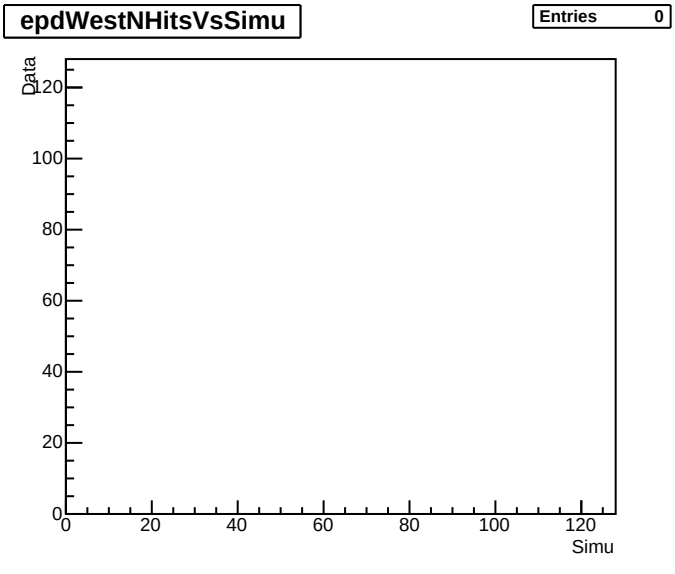
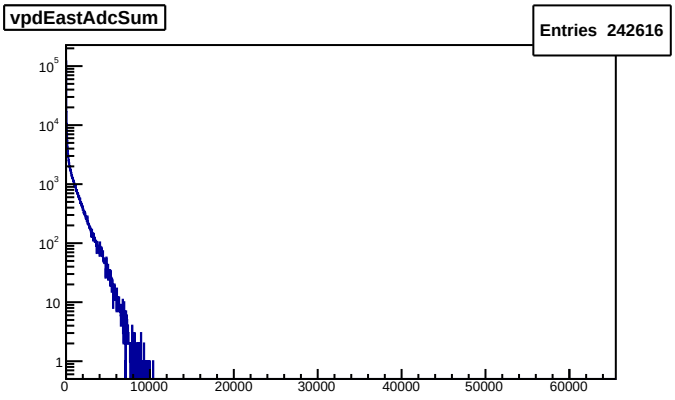
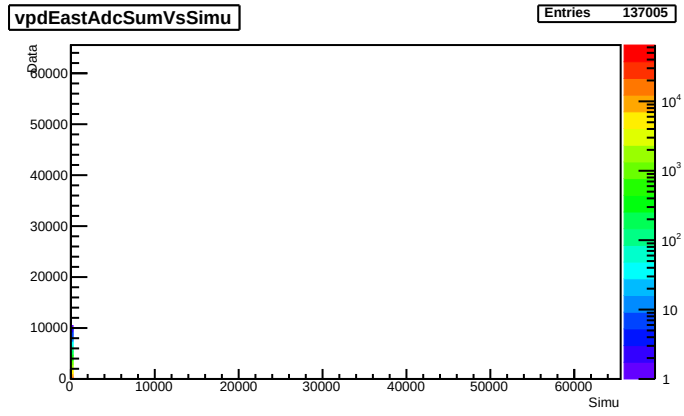
Entries 242616

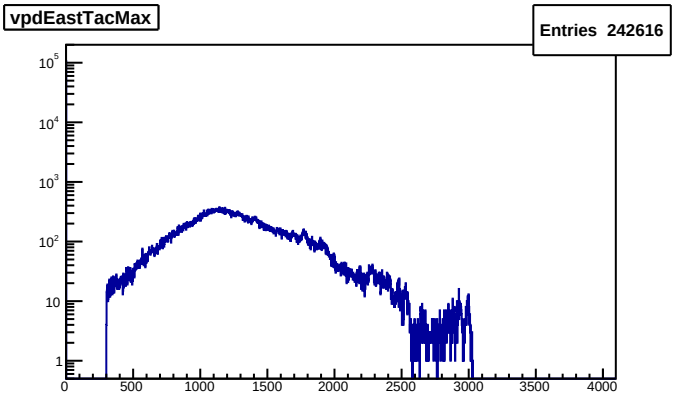

epdWestTac47VsSimu
Entries 0
Data
Simu

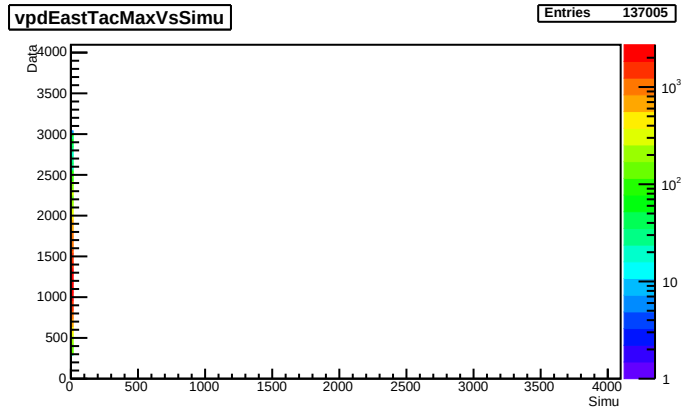

epdWestNHits
Entries 242616

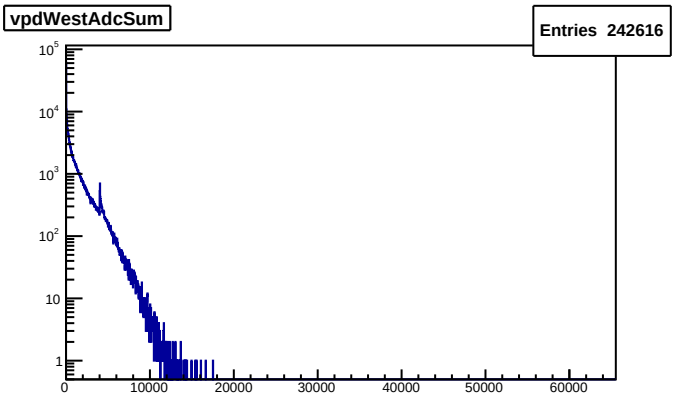

epdWestNHitsVsSimu
Entries 0
Data
Simu

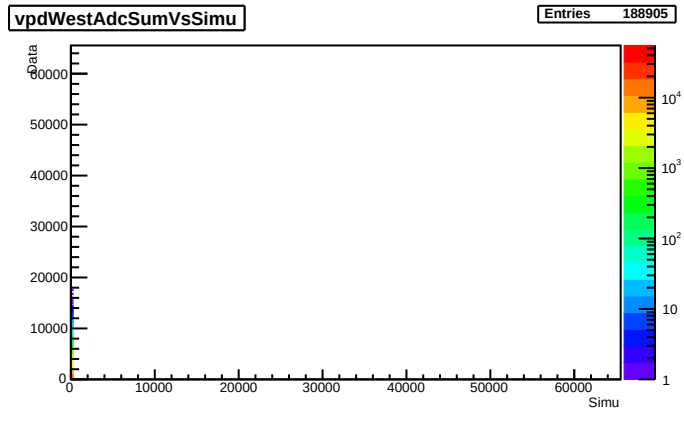

vpdEastAdcSum
Entries 242616

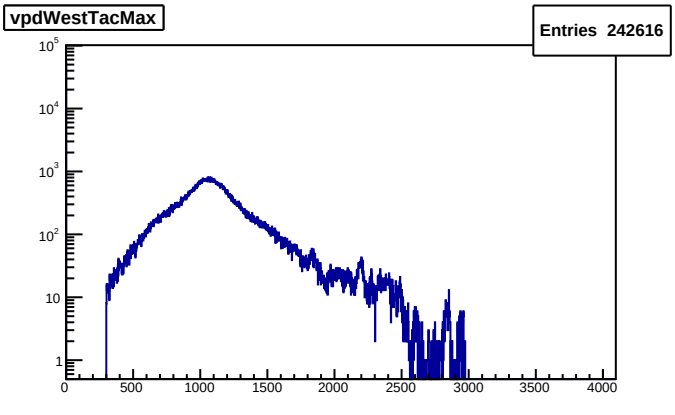

vpdEastAdcSumVsSimu
Entries 137005
Data
Simu

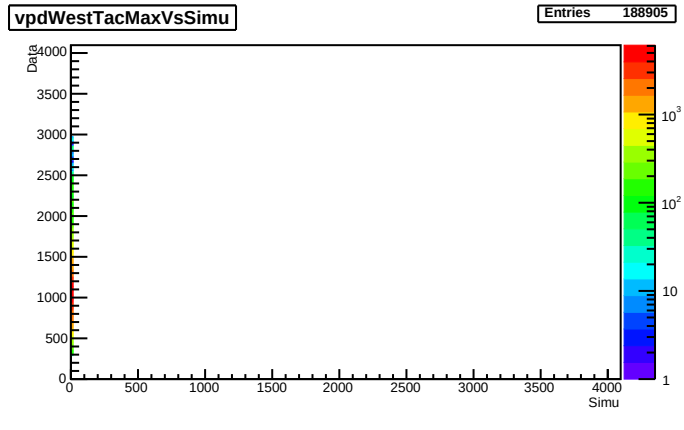

vpdEastTacMax
Entries 242616

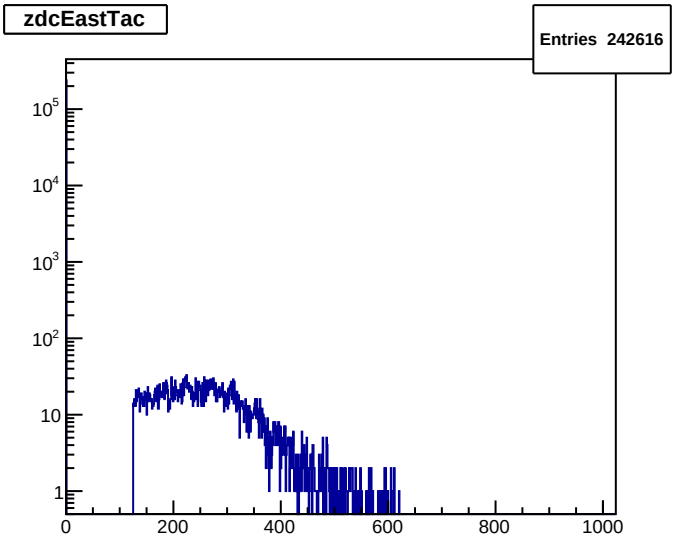

vpdEastTacMaxVsSimu
Entries 137005
Data
Simu

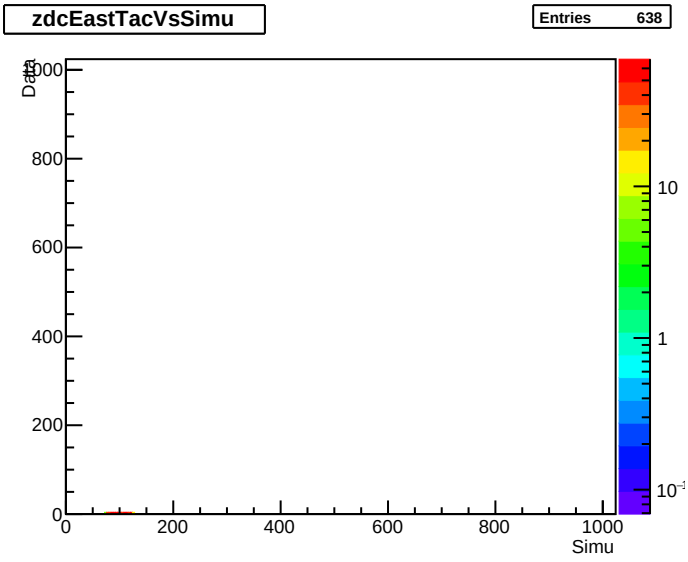

vpdWestAdcSum
Entries 242616

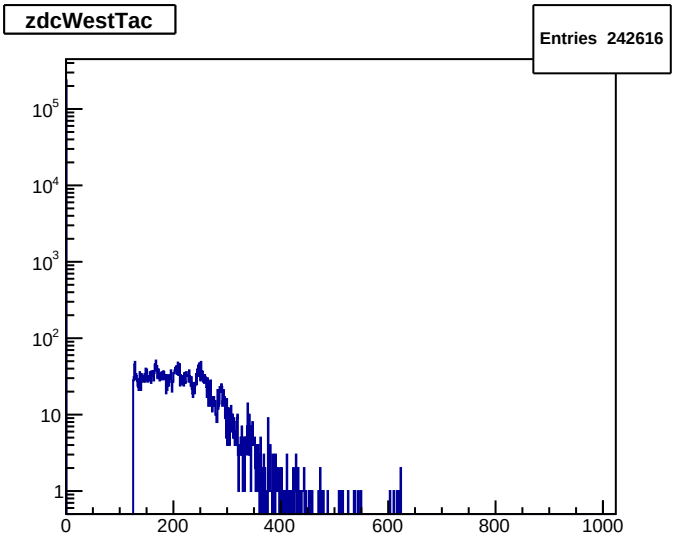

vpdWestAdcSumVsSimu
Entries 188905
Data
Simu

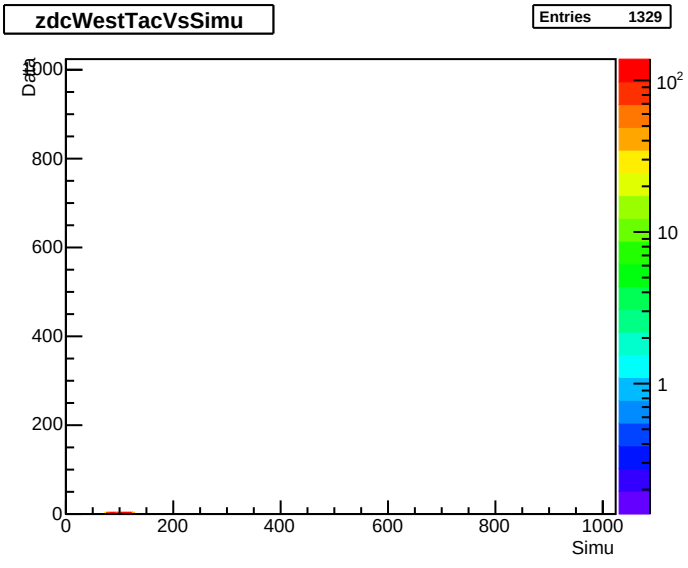

vpdWestTacMax
Entries 242616

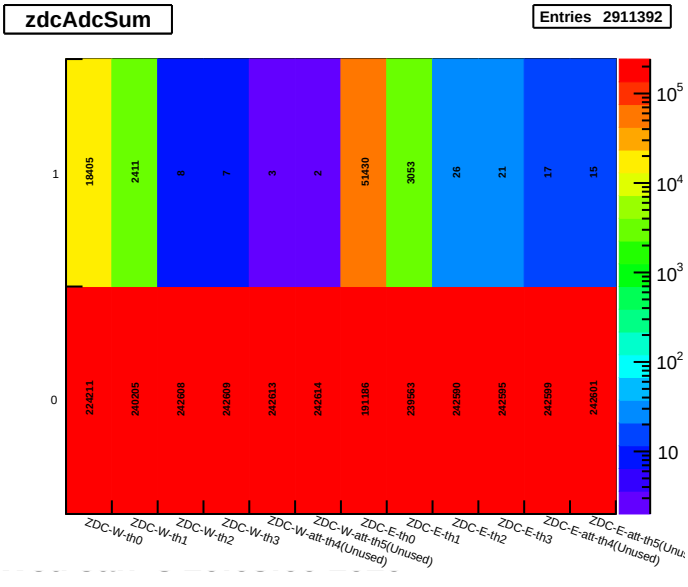

vpdWestTacMaxVsSimu
Entries 188905
Data
Simu

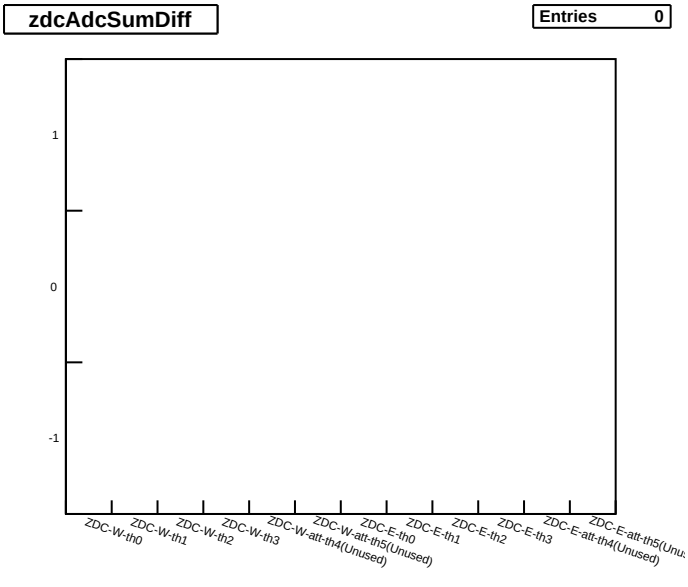

zdcEastTac
Entries 242616

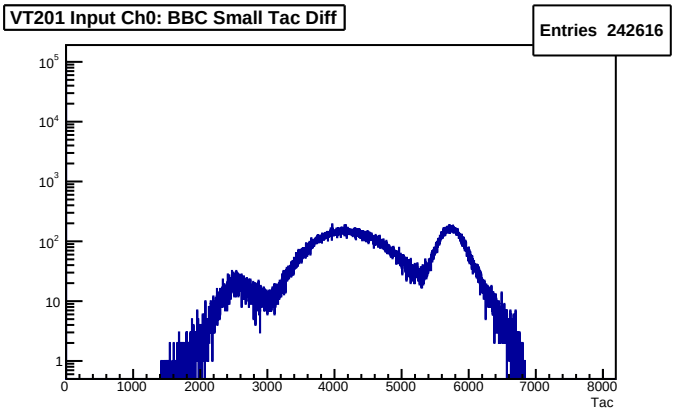

zdcEastTacVsSimu
Entries 638
Data
Simu

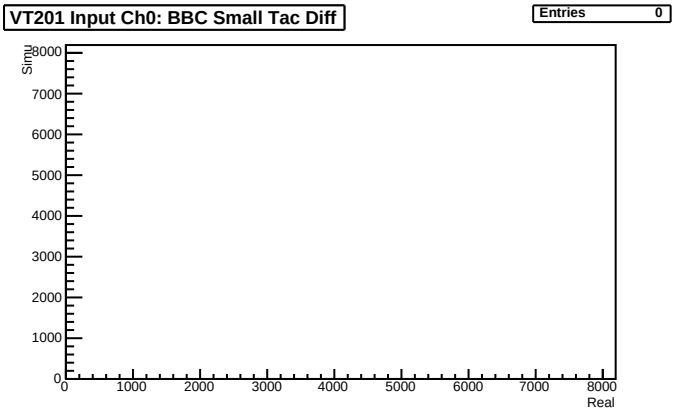

zdcWestTac
Entries 242616

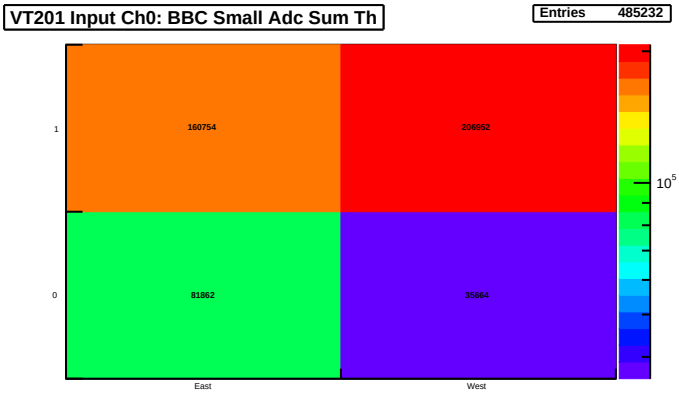

zdcWestTacVsSimu
Entries 1329
Data
Simu

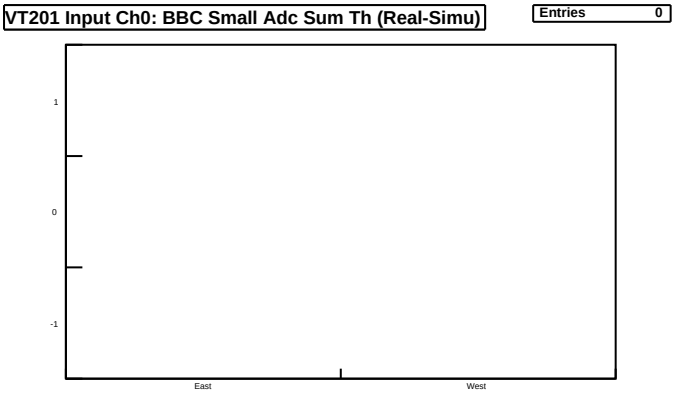

zdcAdcSum
Entries 2911392
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

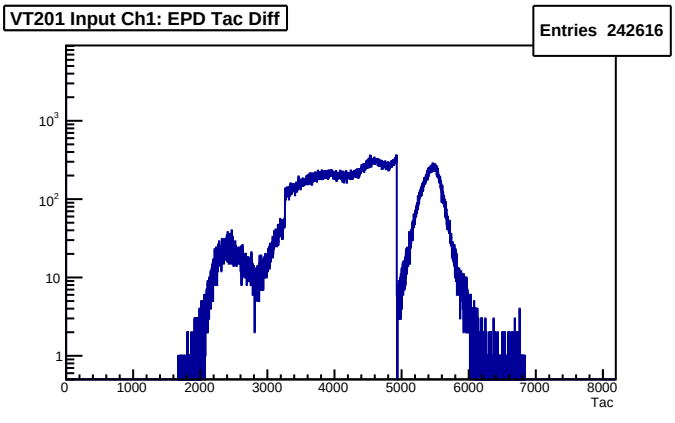

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

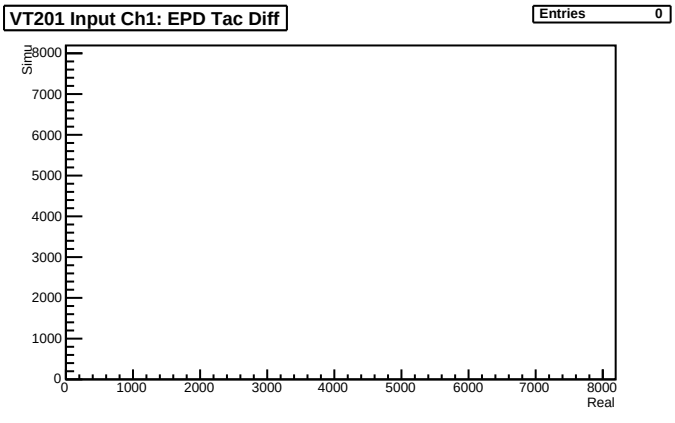

VT201 Input Ch0: BBC Small Tac Diff
Entries 242616
Tac

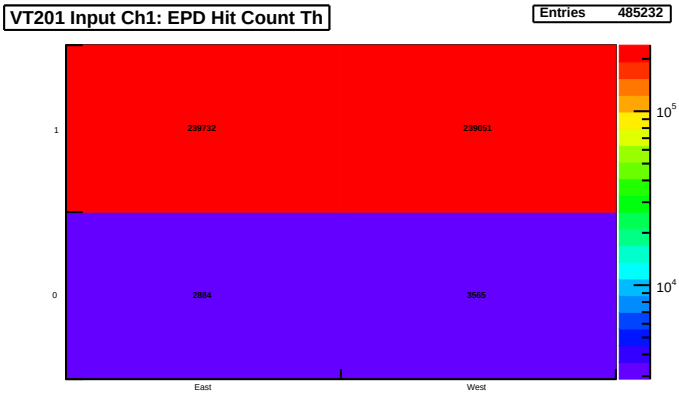

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

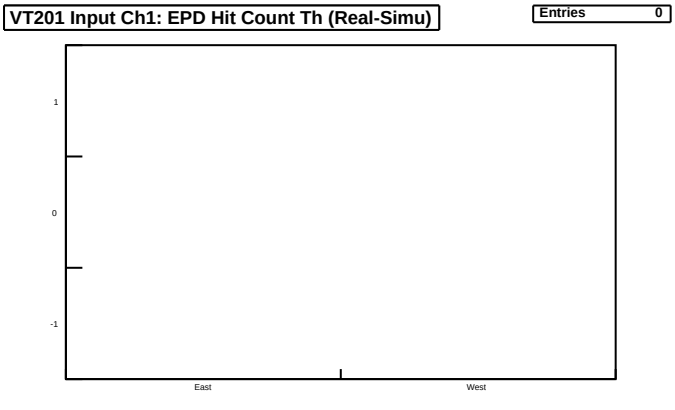

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 485232
160754
206952
81862
35664
East
West

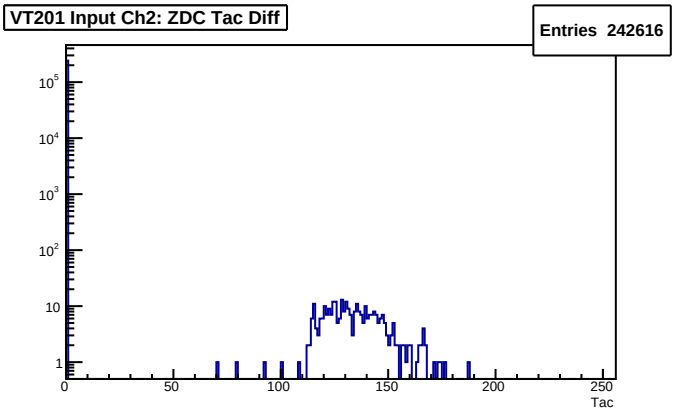

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

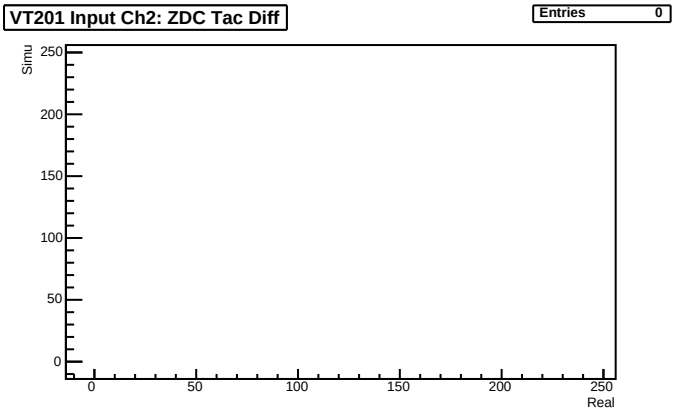

VT201 Input Ch1: EPD Tac Diff
Entries 242616
Tac

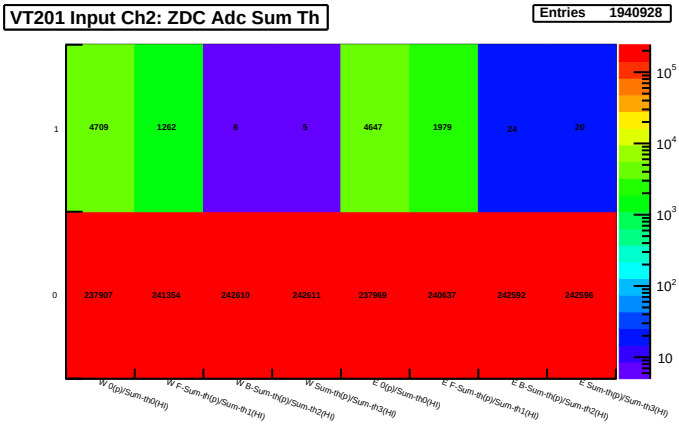

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

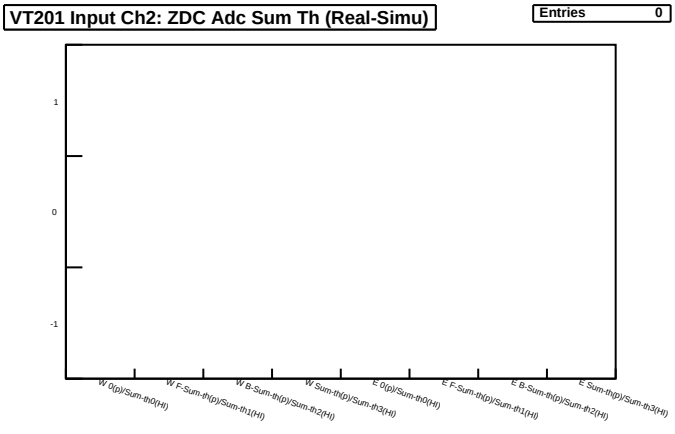

VT201 Input Ch1: EPD Hit Count Th
Entries 485232
239732
239051
2884
3565
East
West

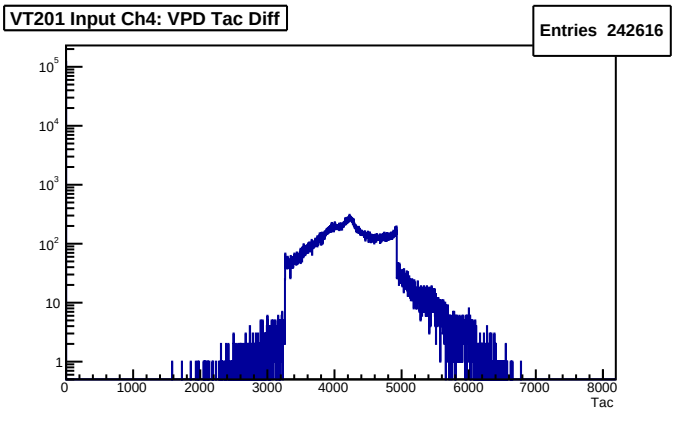

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

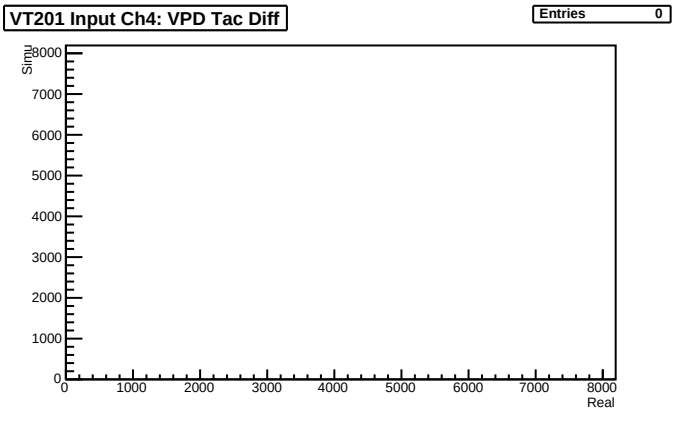

VT201 Input Ch2: ZDC Tac Diff
Entries 242616
Tac

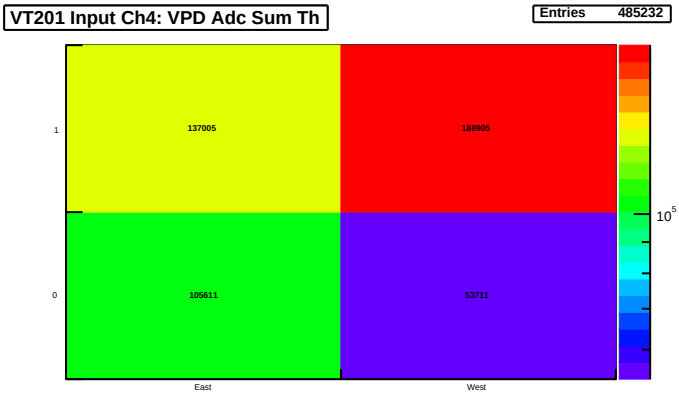

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

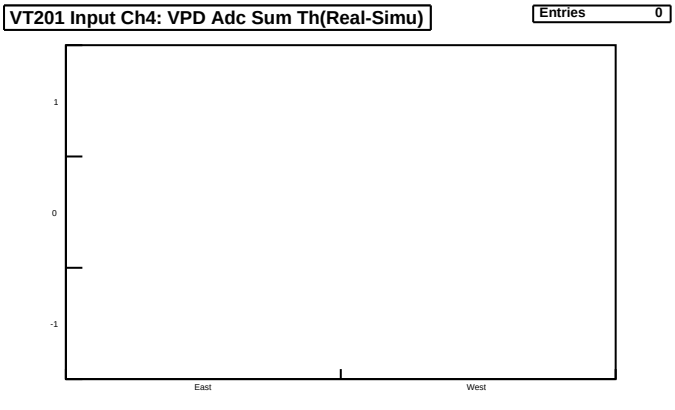

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1940928
4709
1262
6
5
4647
1979
24
20
237907
241354
242610
242611
237969
240637
242592
242596
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

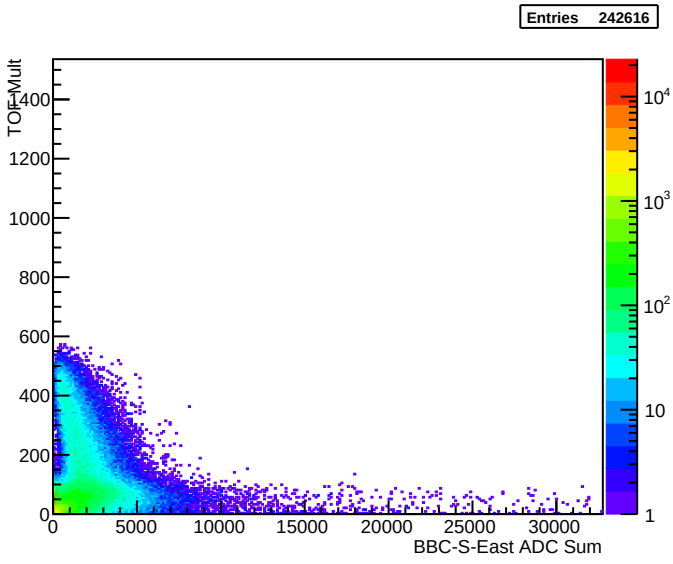

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

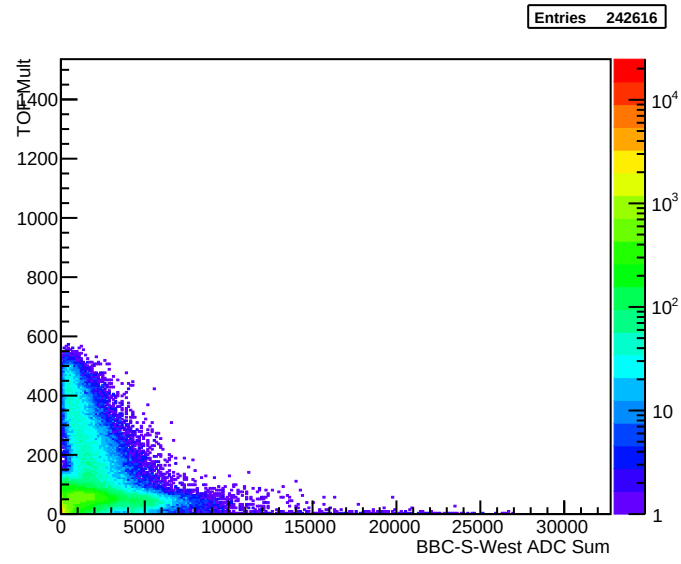

VT201 Input Ch4: VPD Tac Diff
Entries 242616
Tac

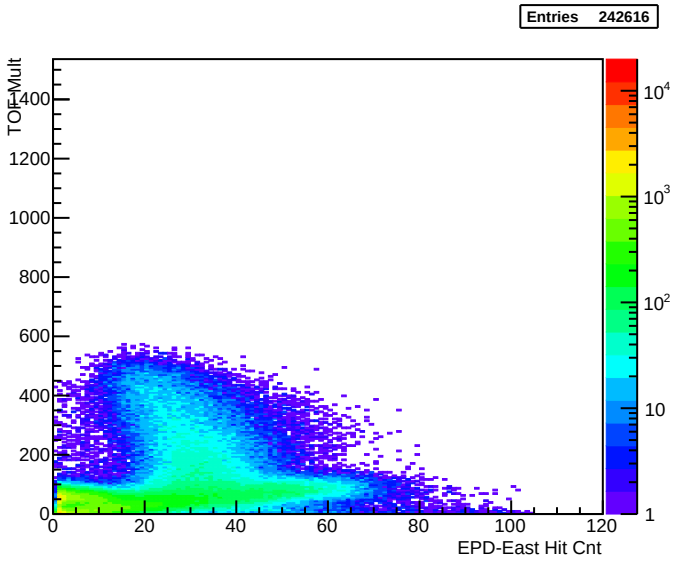

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

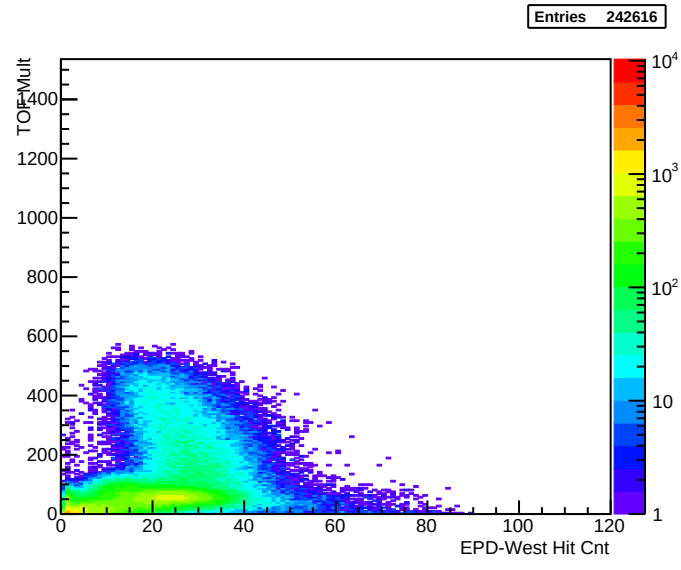

VT201 Input Ch4: VPD Adc Sum Th
Entries 485232
137005
189905
105611
53711
East
West

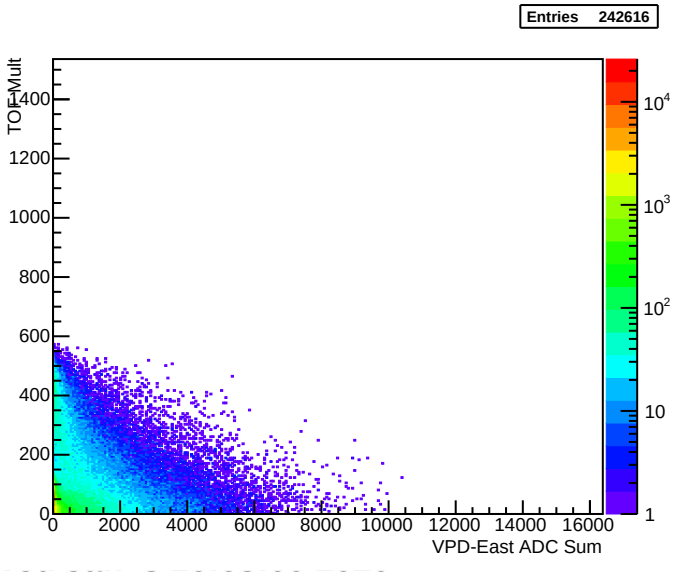

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

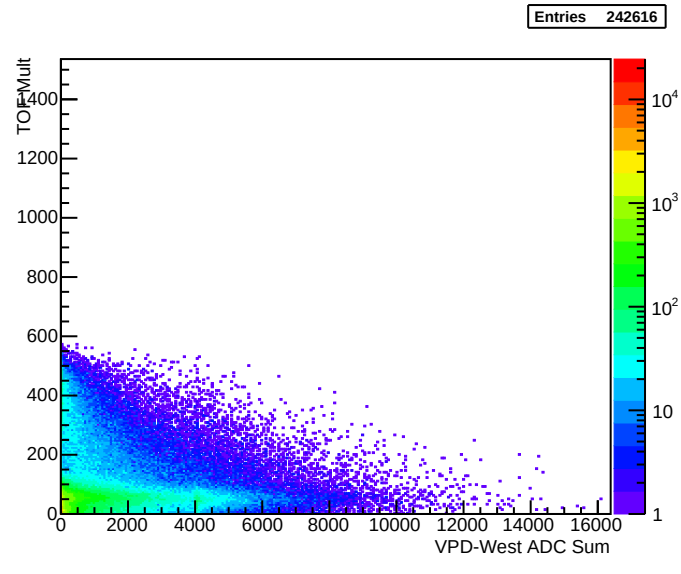

Entries 242616
TOF-Mult
BBC-S-East ADC Sum

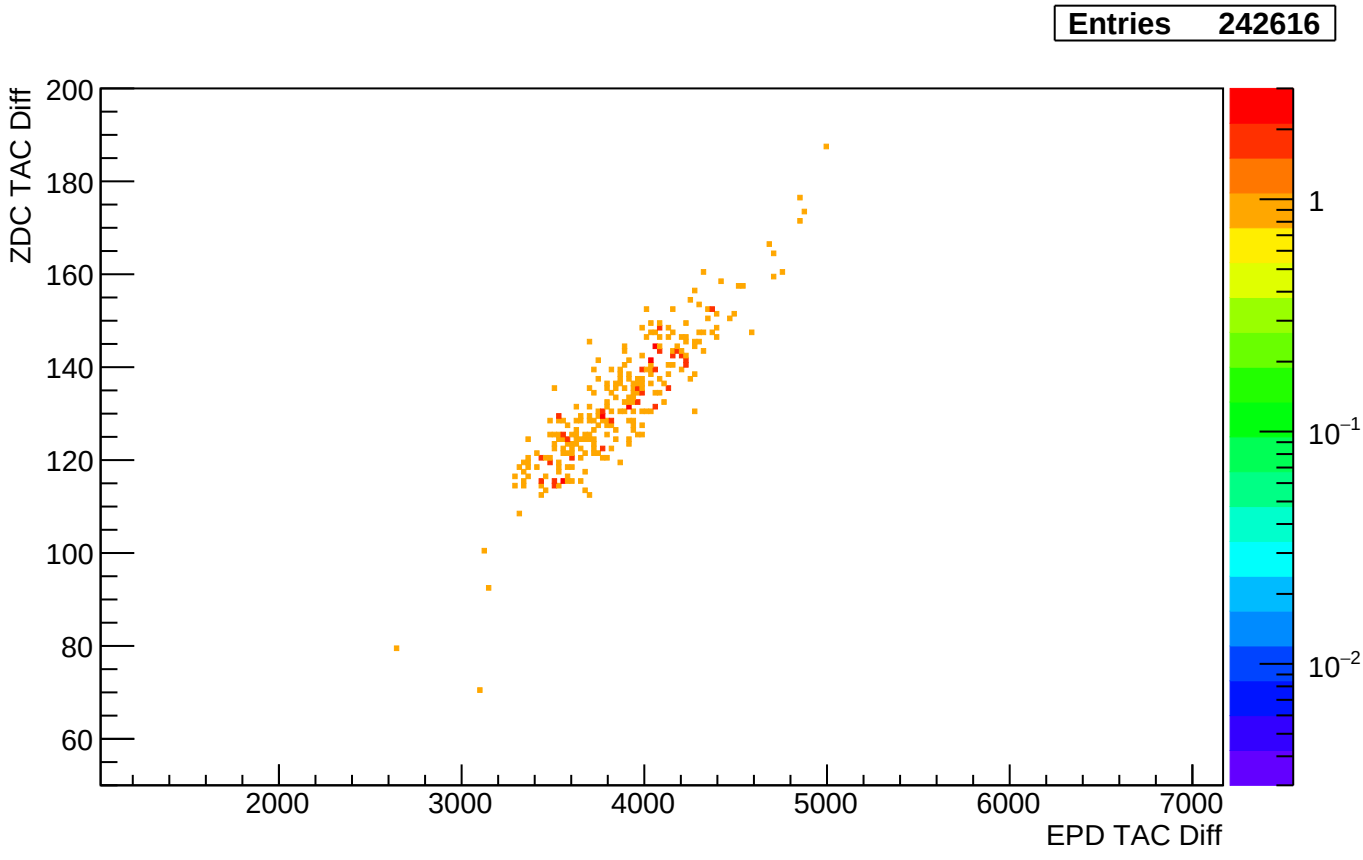

Entries 242616
TOF-Mult
BBC-S-West ADC Sum

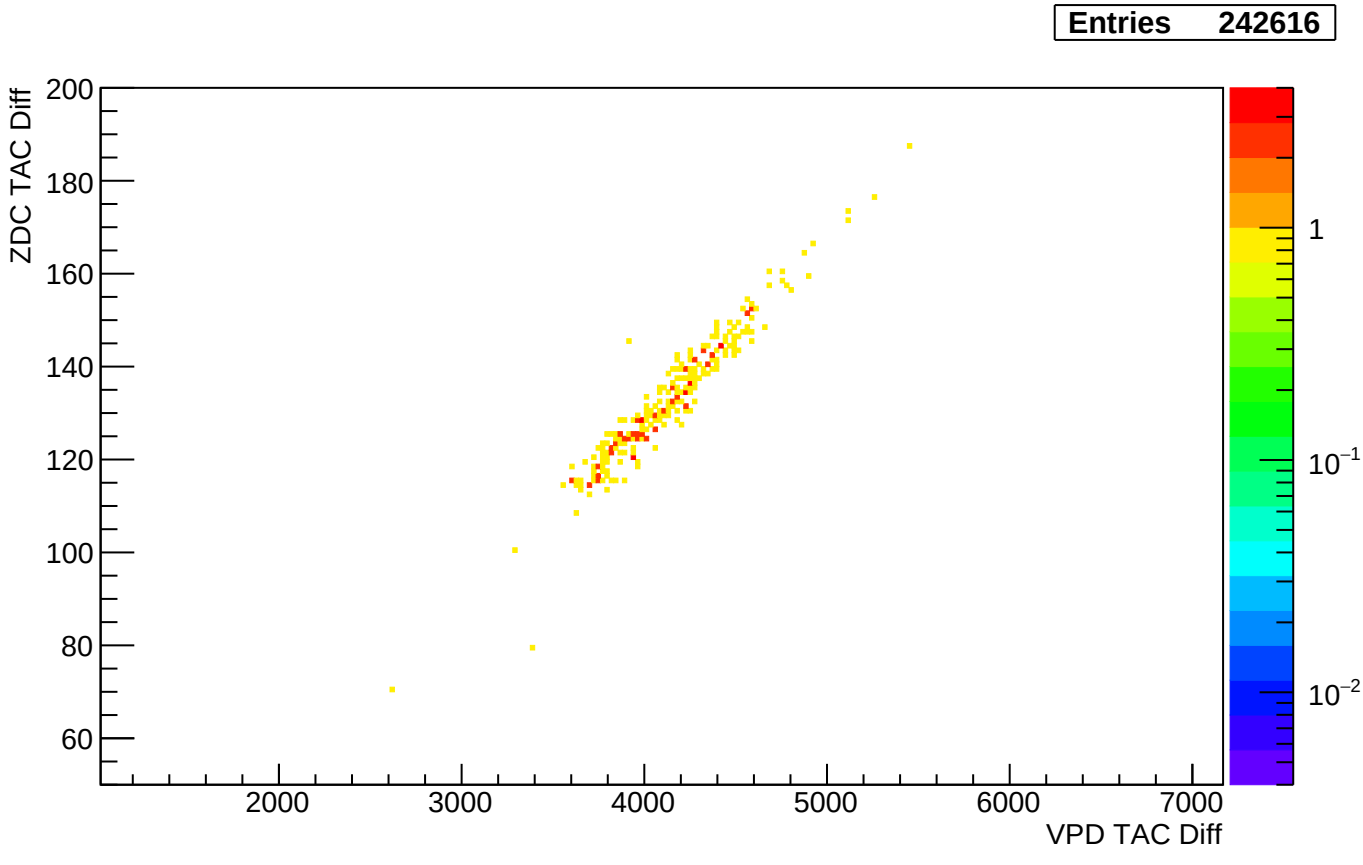

Entries 242616
TOF-Mult
EPD-East Hit Cnt

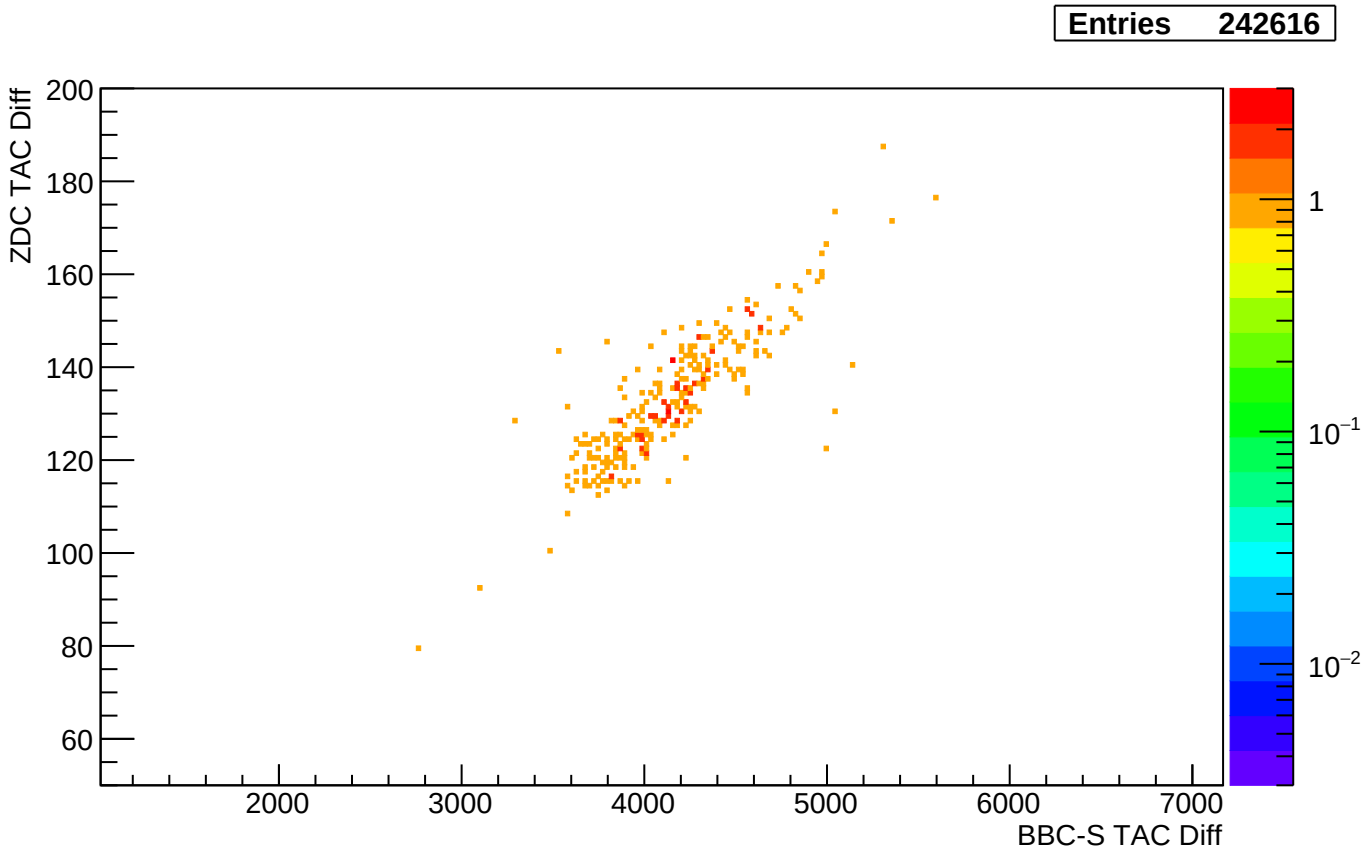

Entries 242616
TOF-Mult
EPD-West Hit Cnt

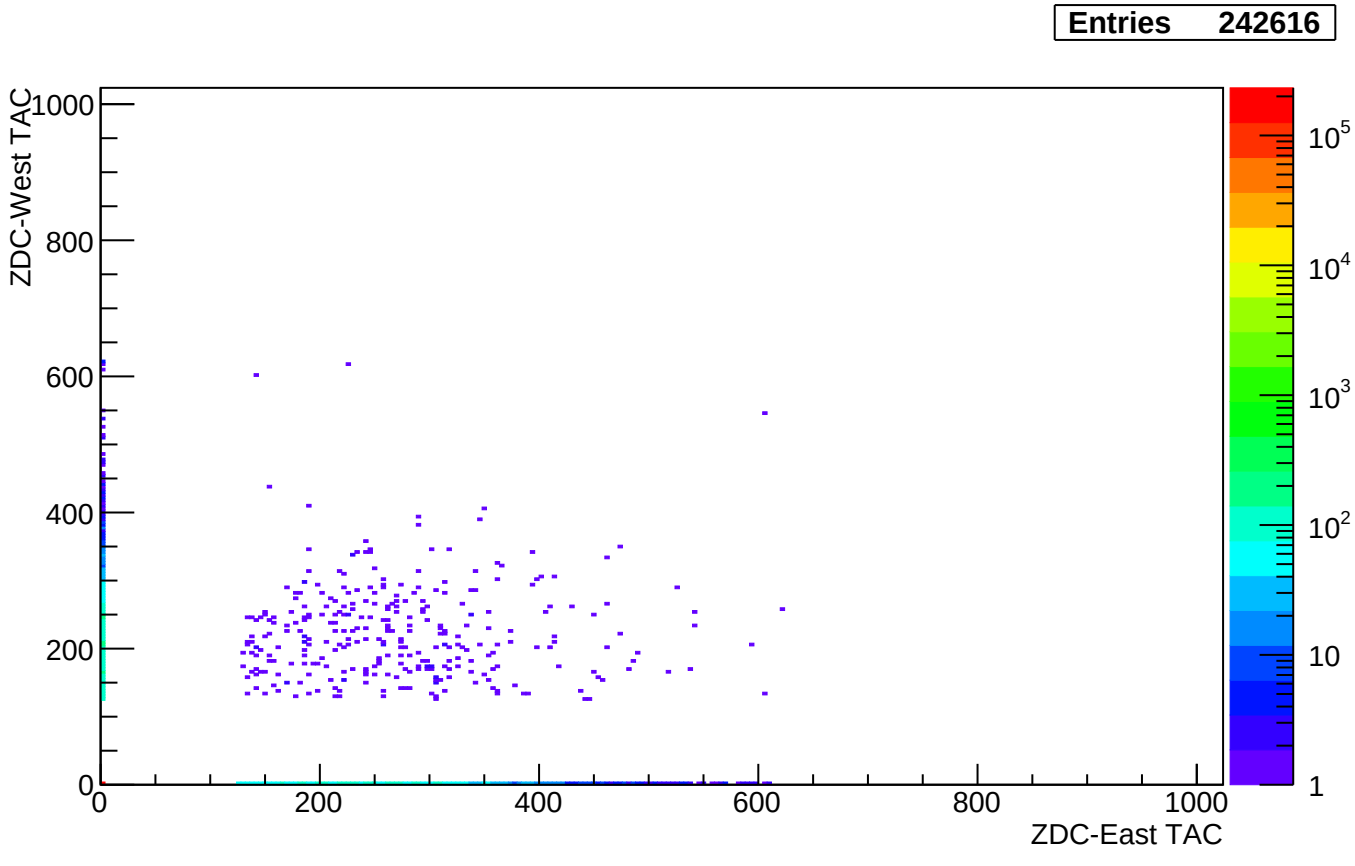

Entries 242616
TOF-Mult
VPD-East ADC Sum

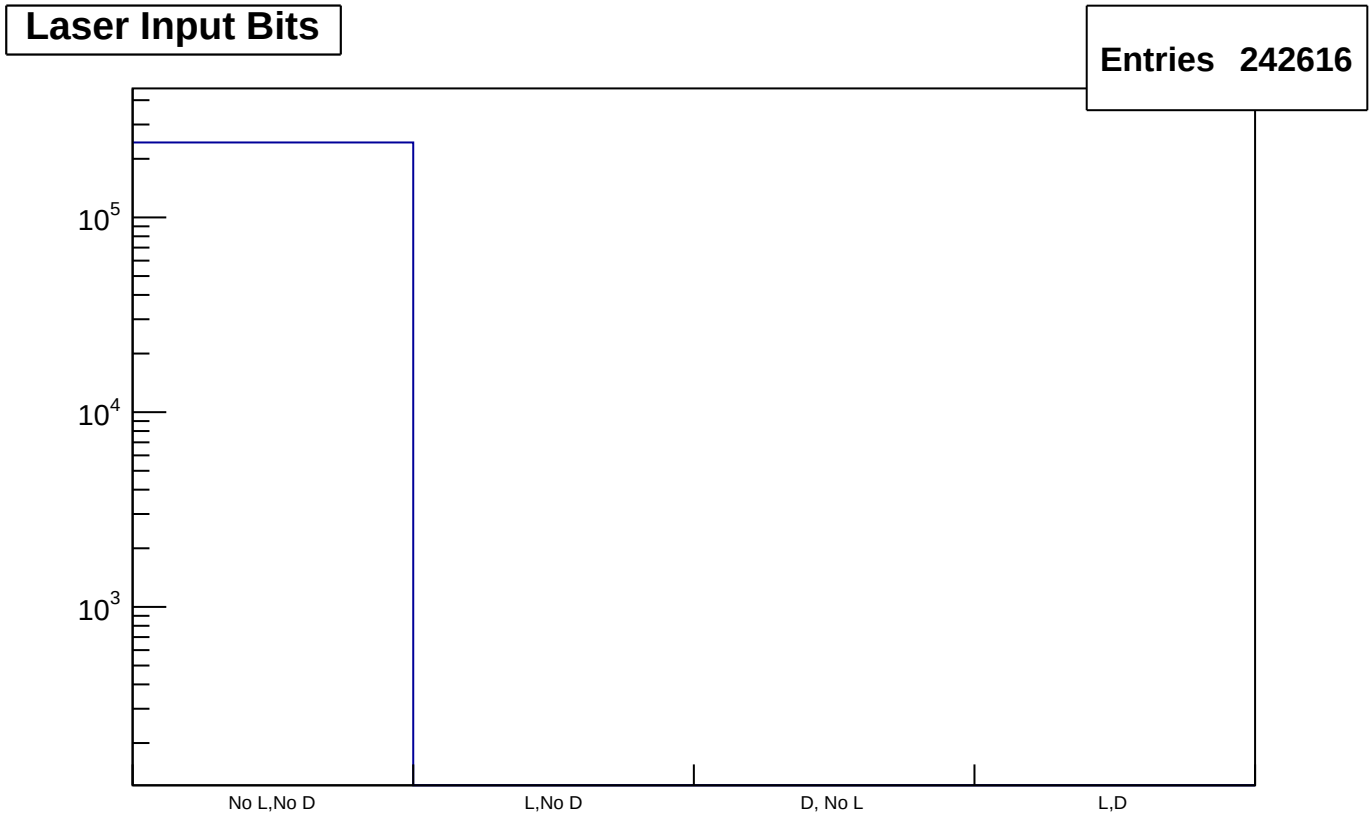

Entries 242616
TOF-Mult
VPD-West ADC Sum

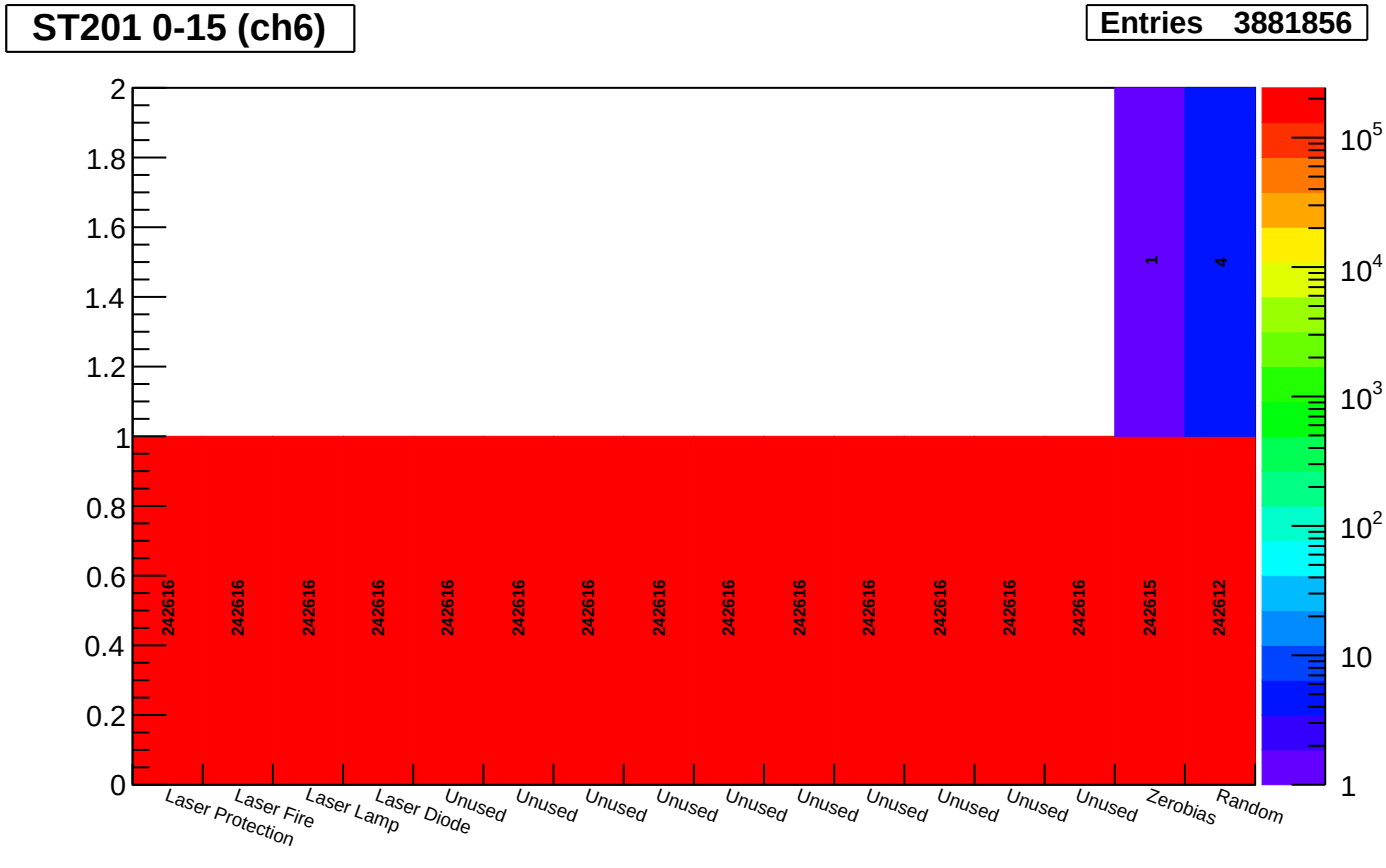

Entries 242616
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

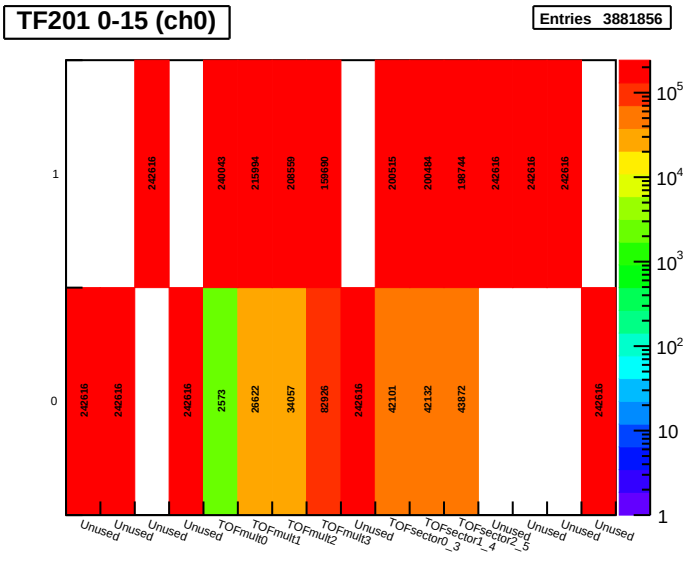

Entries 242616
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

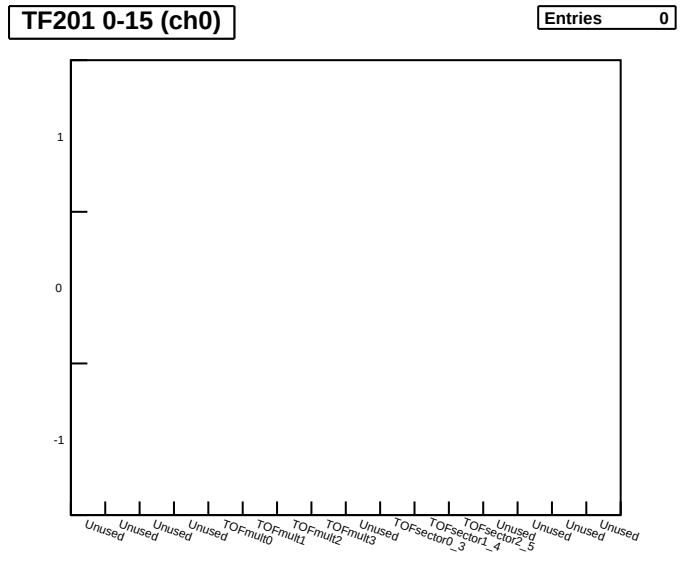

Entries 242616
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

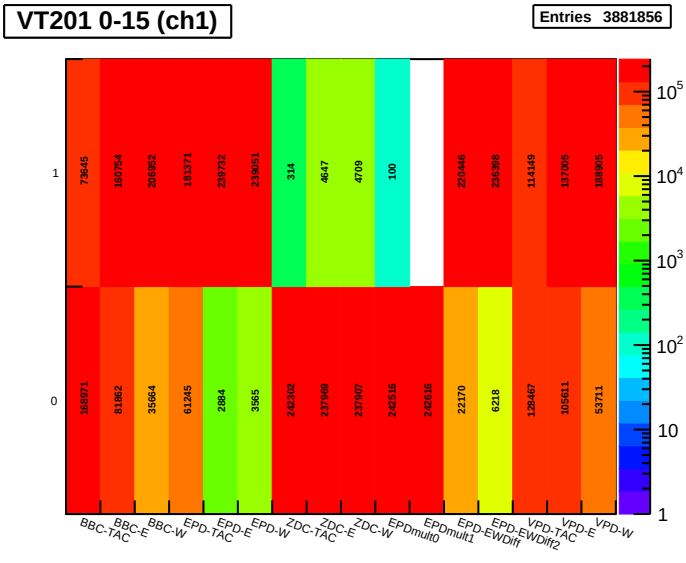

Entries 242616
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

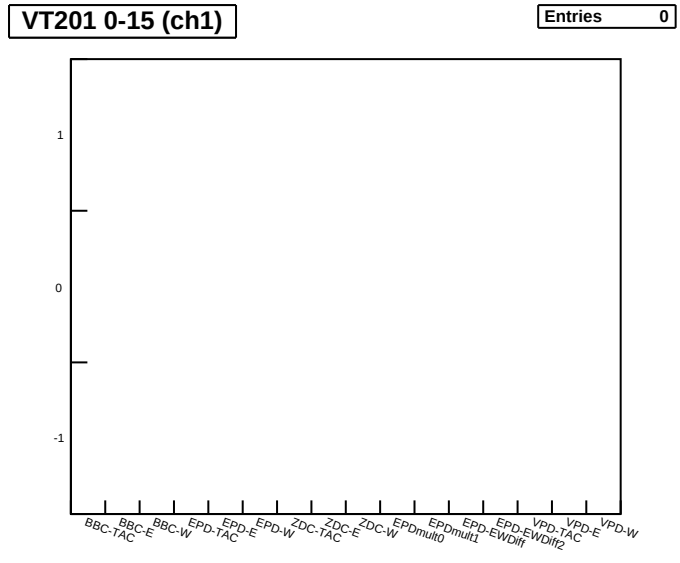

Laser Input Bits
Entries 242616
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

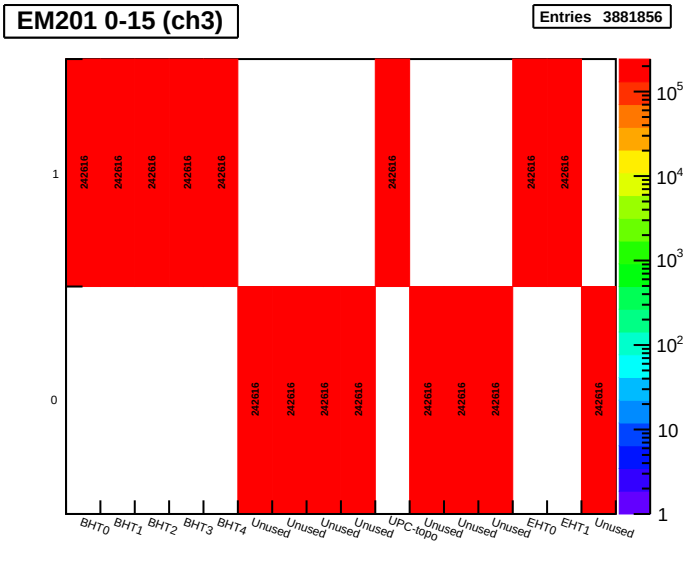

ST201 0-15 (ch6)
Entries 3881856
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242615
242612
1
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

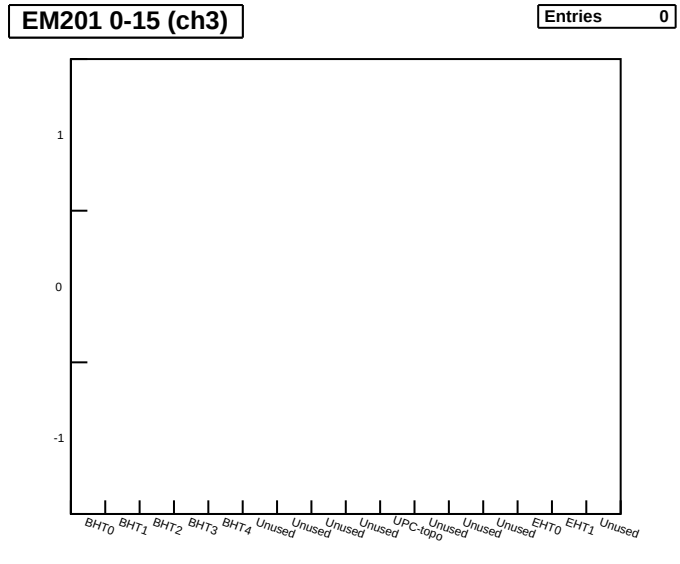

TF201 0-15 (ch0)
Entries 3881856
1
0
242616
240043
215994
208569
159690
200515
200484
198744
242616
242616
242616
242616
242616
242616
2573
26622
34057
82926
242616
42101
42132
43872
242616
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 3881856
1
0
73645
160754
206952
181371
239732
239051
314
4647
4709
100
220446
236398
114149
137005
188905
168971
81862
35664
61245
2884
3565
242302
237969
237907
242516
242616
22170
6218
128467
105611
53711
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 3881856
1
0
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
242616
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