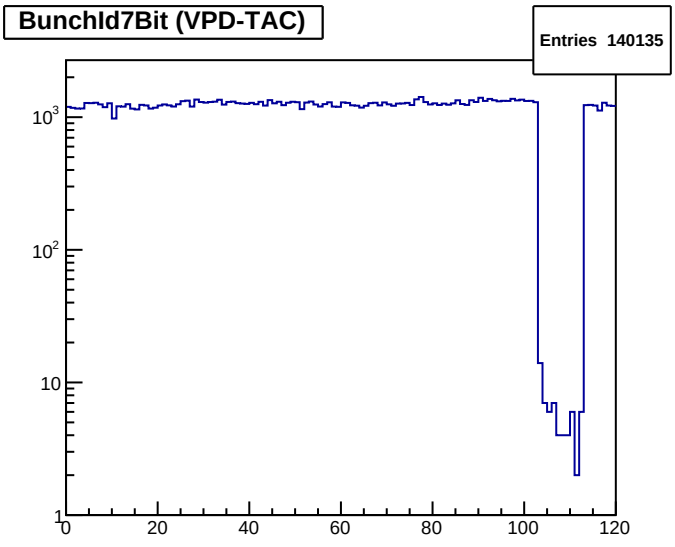
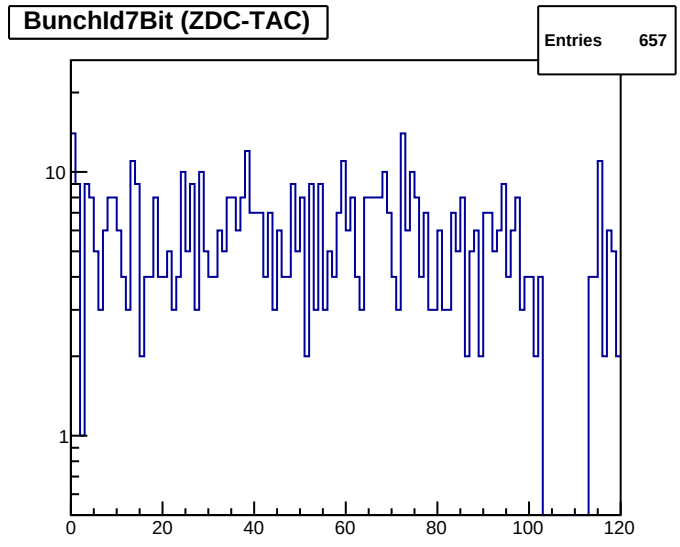
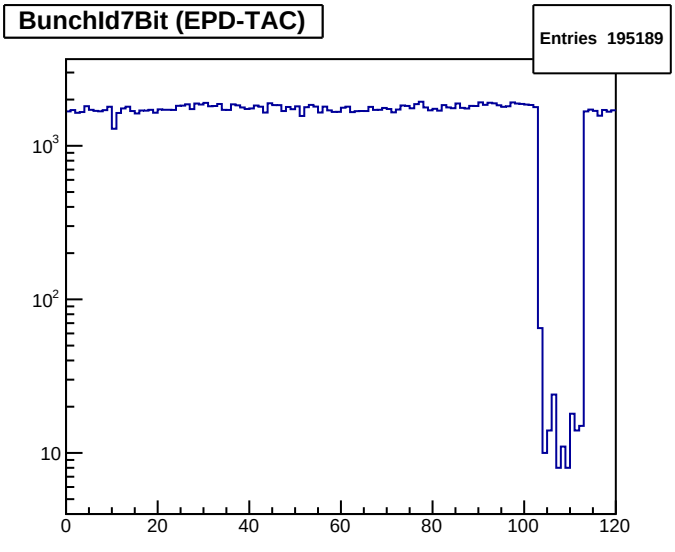
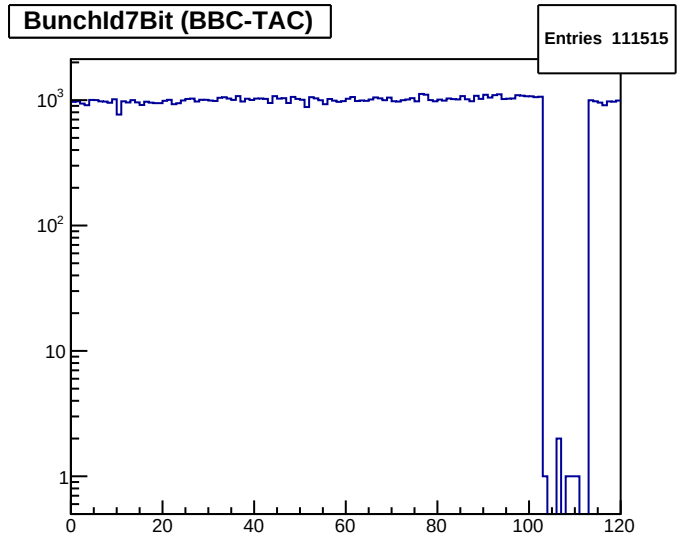
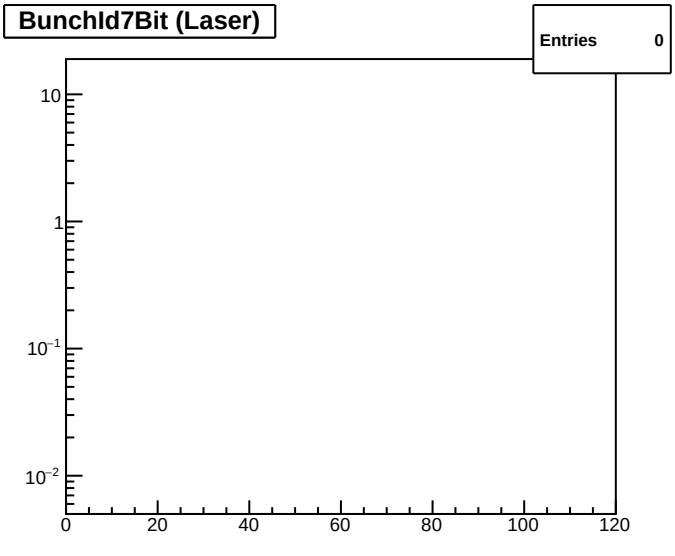
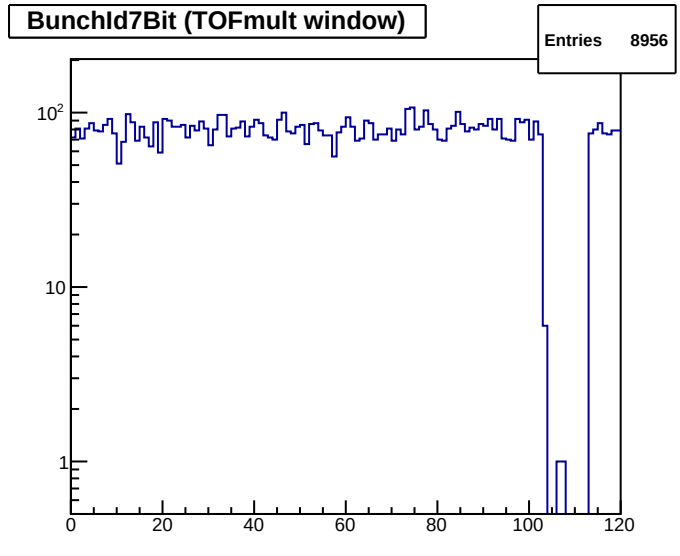

BunchId7Bit (VPD-TAC)
Entries 140135

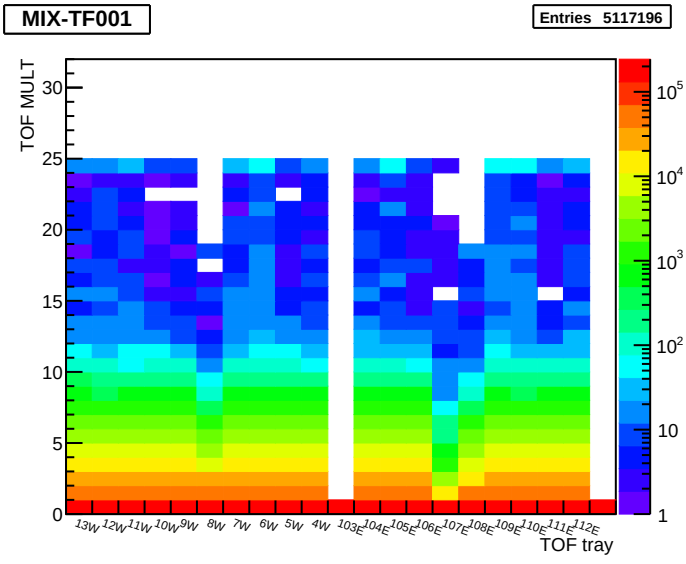

BunchId7Bit (ZDC-TAC)
Entries 657

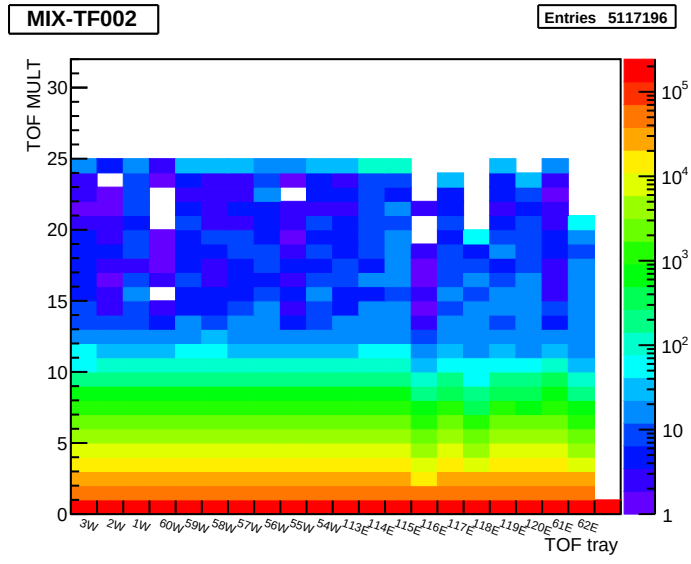

BunchId7Bit (EPD-TAC)
Entries 195189

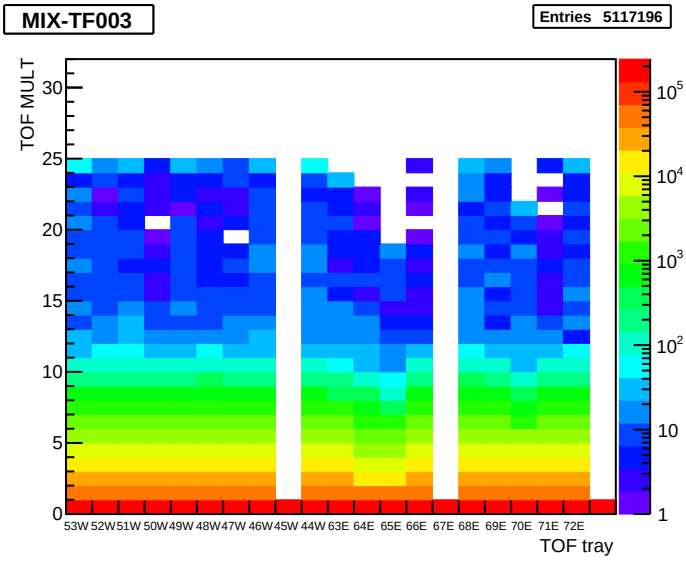

BunchId7Bit (BBC-TAC)
Entries 111515

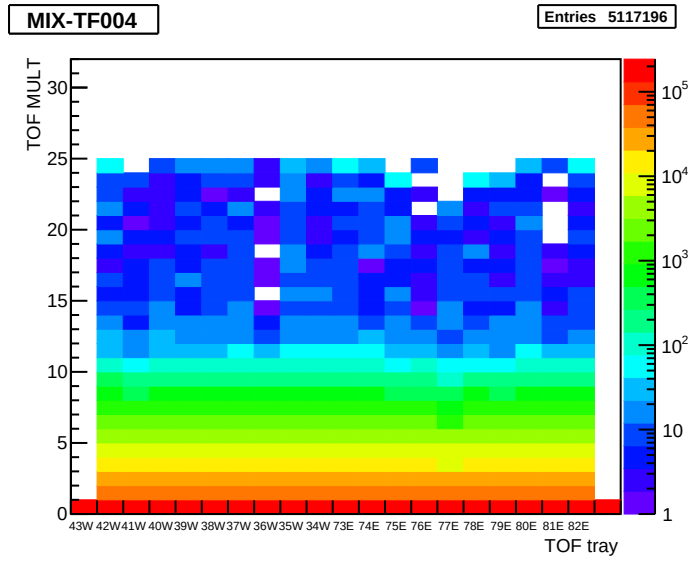

BunchId7Bit (Laser)
Entries 0

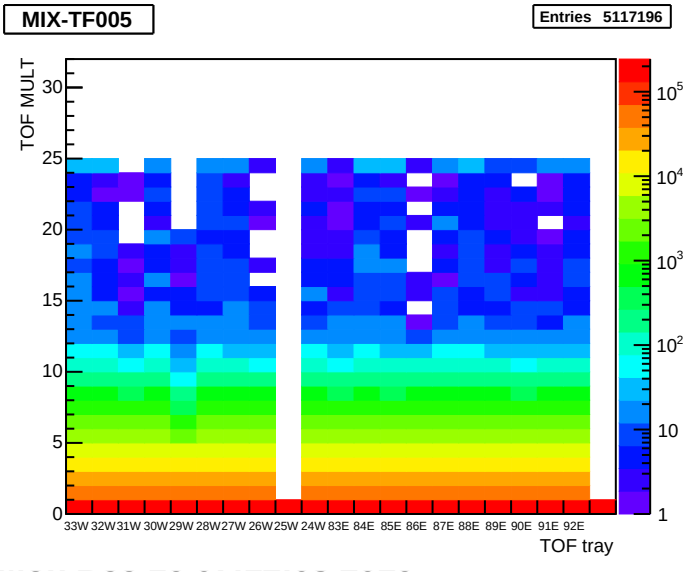

BunchId7Bit (TOFmult window)
Entries 8956

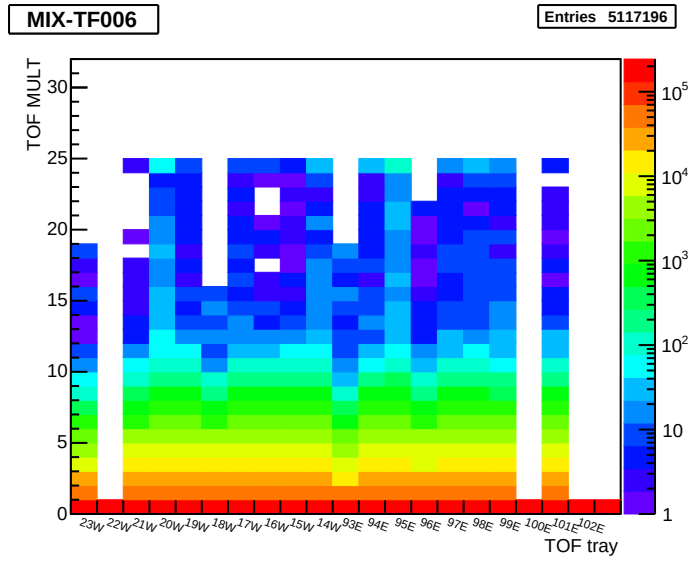

MIX-TF001
Entries 5117196
TOF MULT
TOF tray

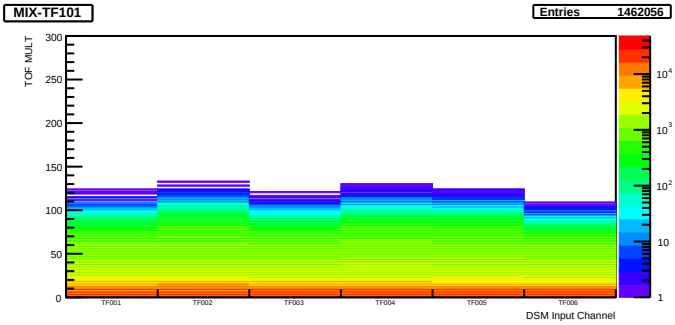

MIX-TF002
Entries 5117196
TOF MULT
TOF tray

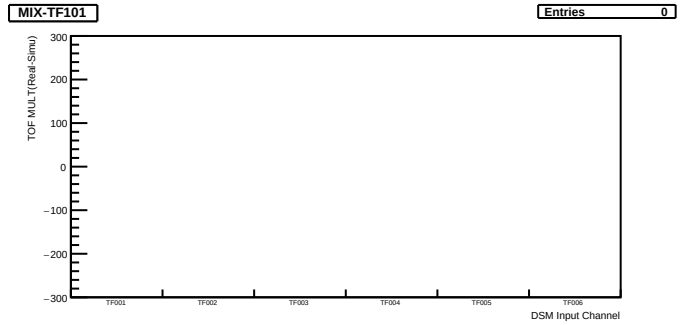

MIX-TF003
Entries 5117196
TOF MULT
TOF tray

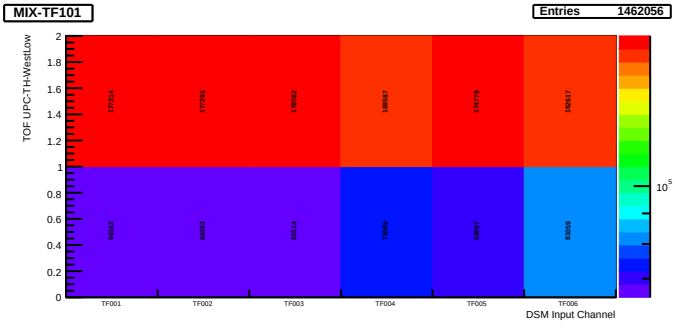

MIX-TF004
Entries 5117196
TOF MULT
TOF tray

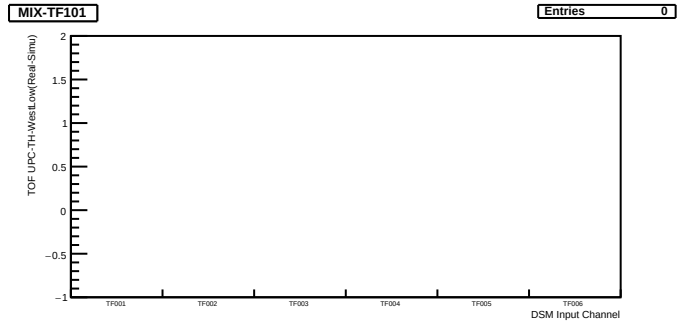

MIX-TF005
Entries 5117196
TOF MULT
TOF tray

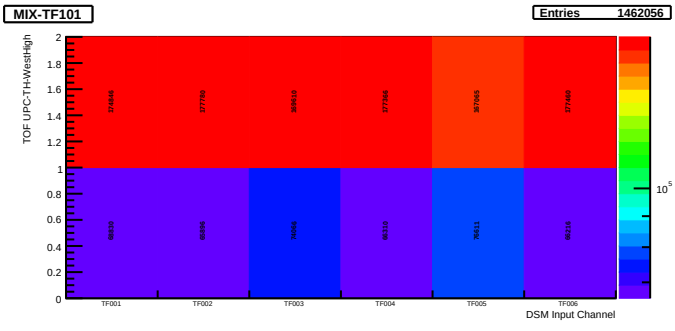

MIX-TF006
Entries 5117196
TOF MULT
TOF tray

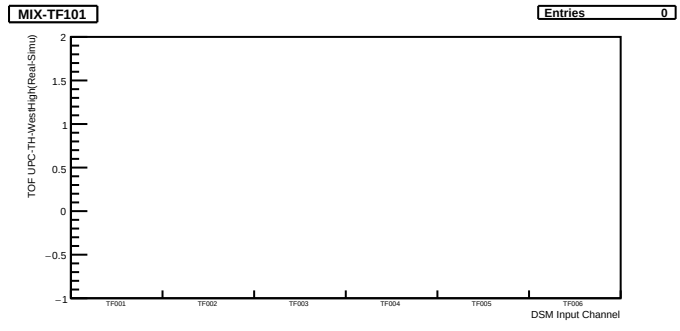

MIX-TF101
Entries 1462056
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

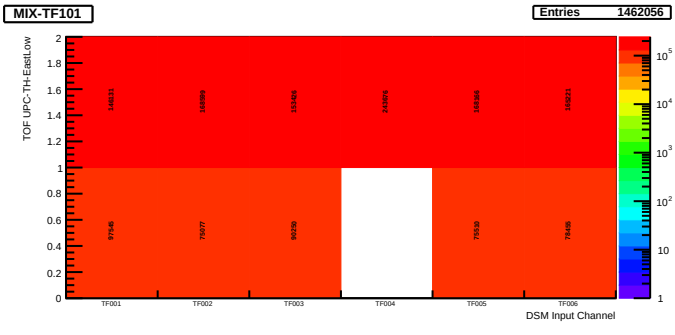

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

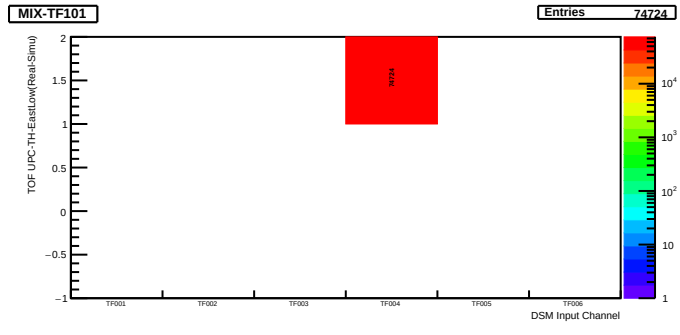

MIX-TF101
Entries 1462056
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

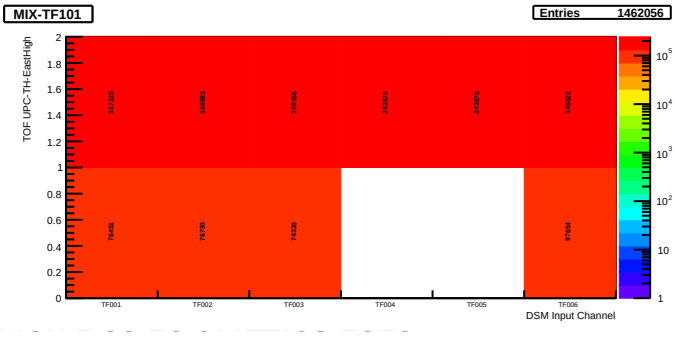

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

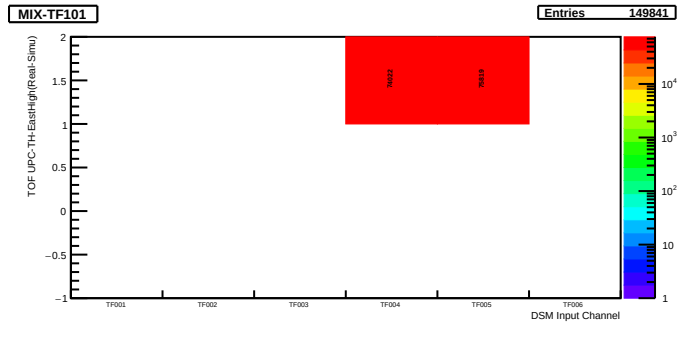

MIX-TF101
Entries 1462056
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

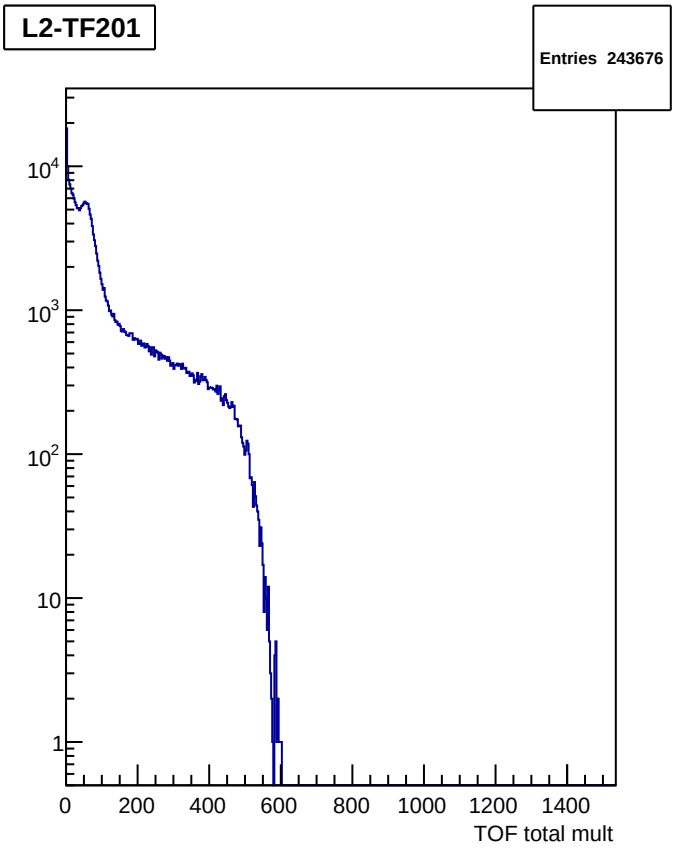

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

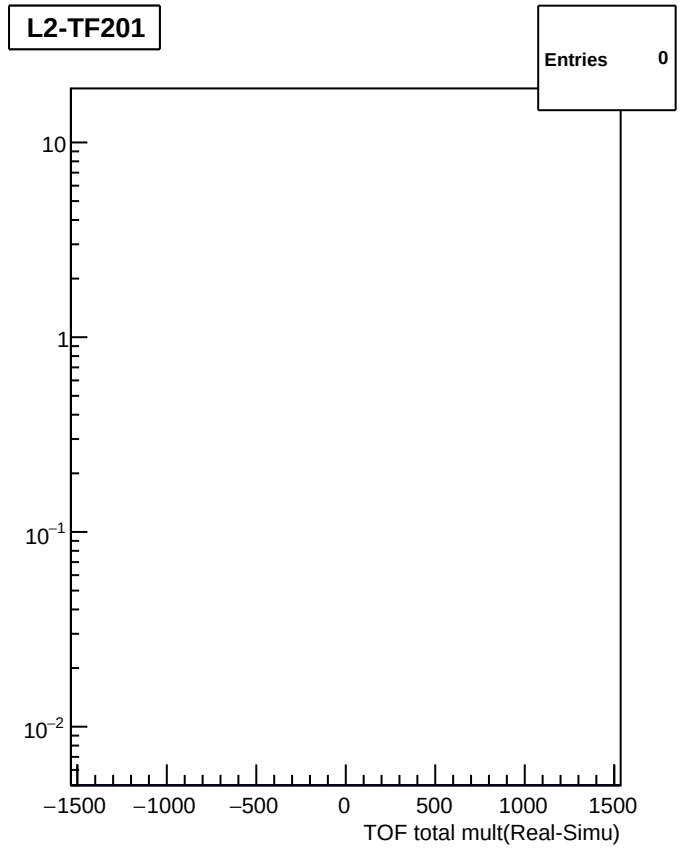

MIX-TF101
Entries 1462056
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

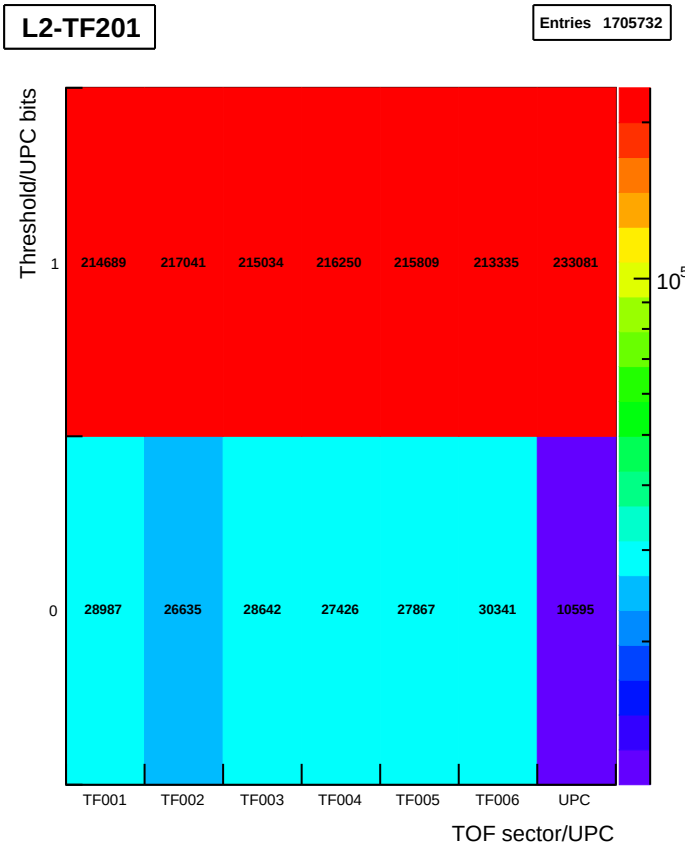

MIX-TF101
Entries 74724
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

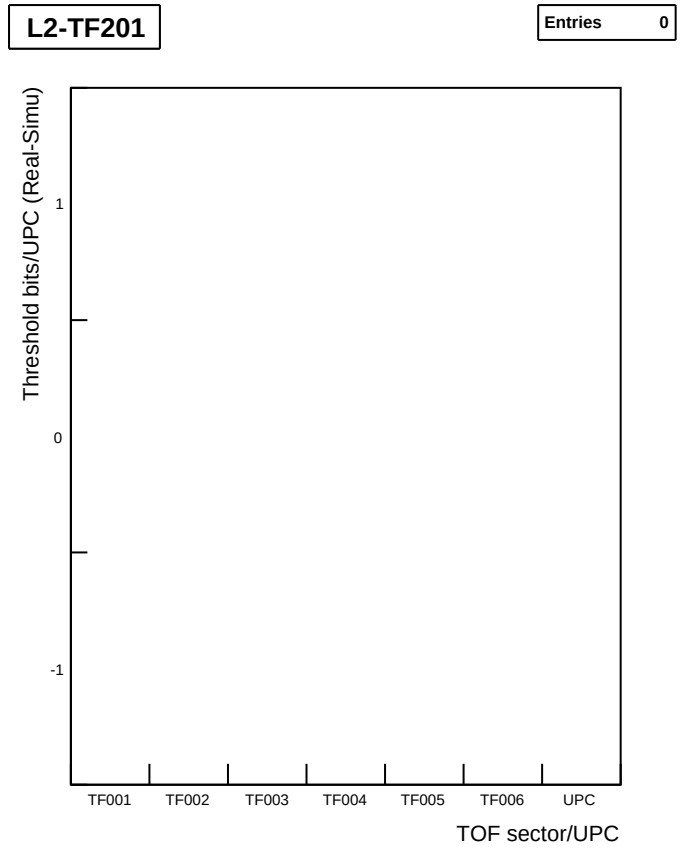

MIX-TF101
Entries 1462056
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

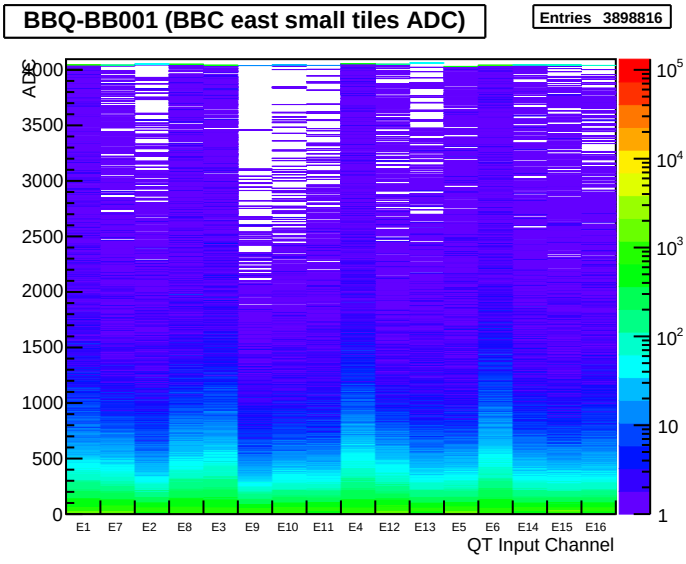

MIX-TF101
Entries 149841
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

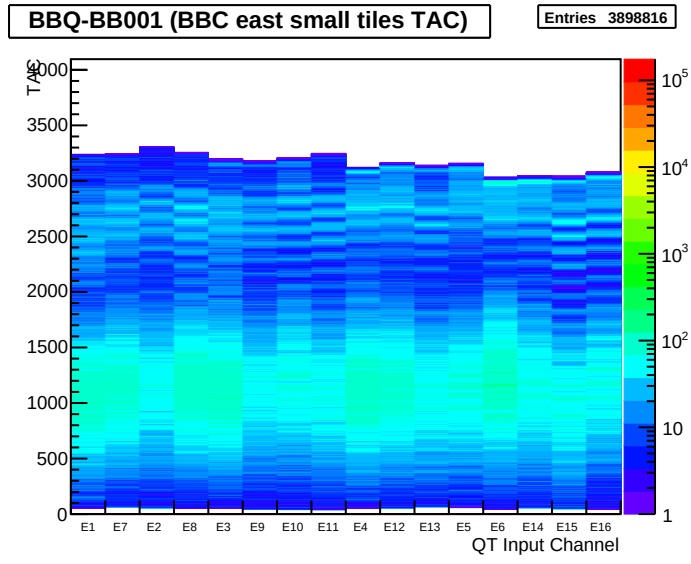

L2-TF201
Entries 243676
TOF total mult

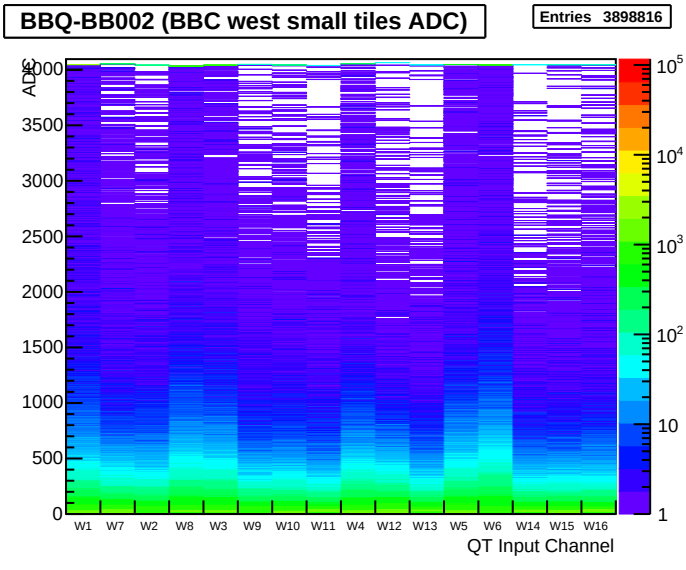

L2-TF201
Entries 0
TOF total mult(Real-Simu)

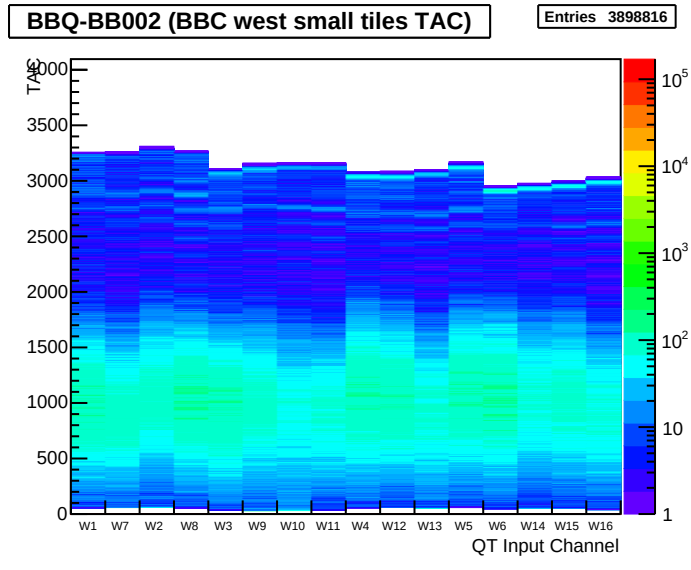

L2-TF201
Entries 1705732
Threshold/UPC bits
214689
217041
215034
216250
215809
213335
233081
28987
26635
28642
27426
27867
30341
10595
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

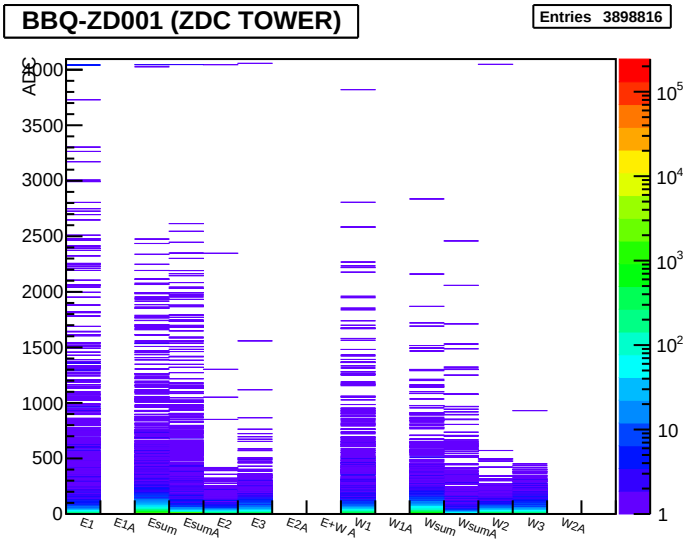

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

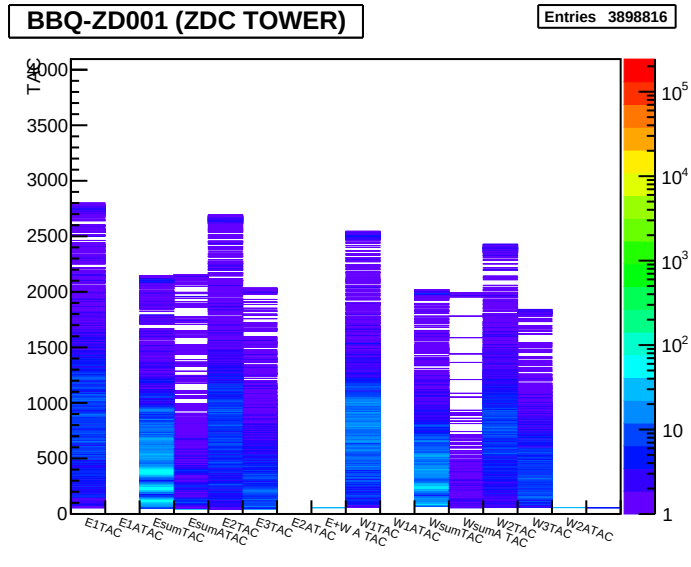

BBQ-BB001 (BBC east small tiles ADC)
Entries 3898816
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

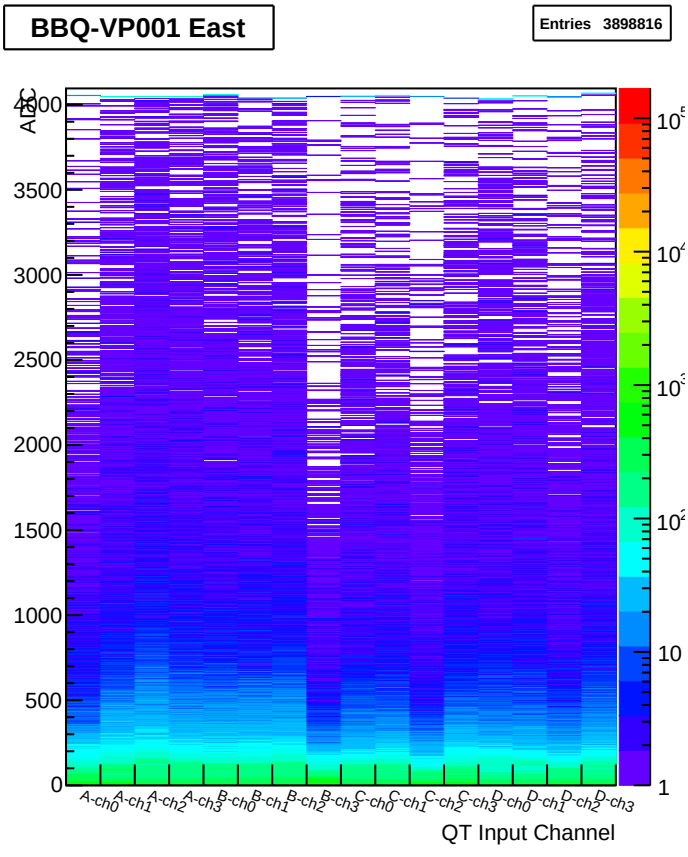

BBQ-BB001 (BBC east small tiles TAC)
Entries 3898816
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

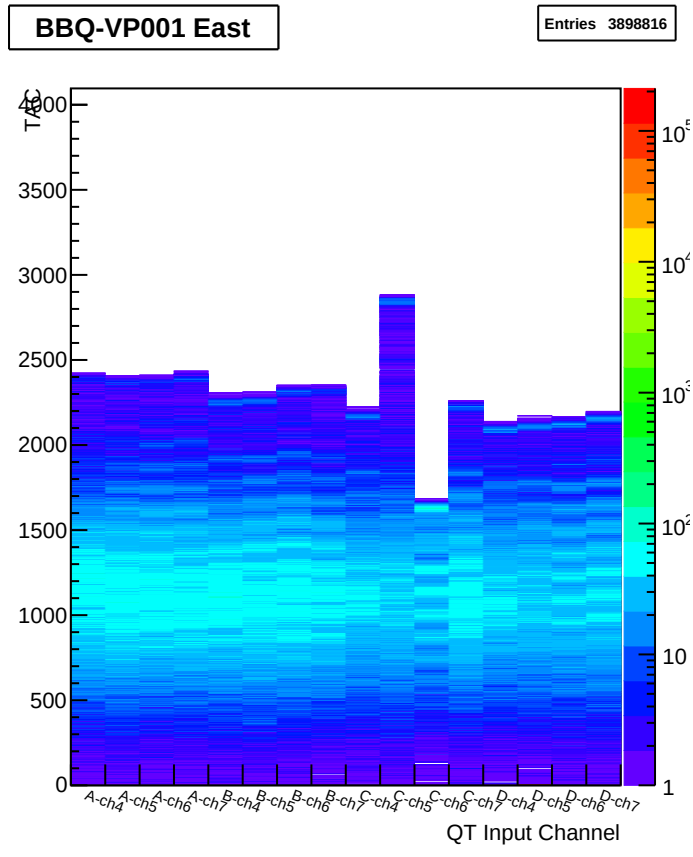

BBQ-BB002 (BBC west small tiles ADC)
Entries 3898816
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

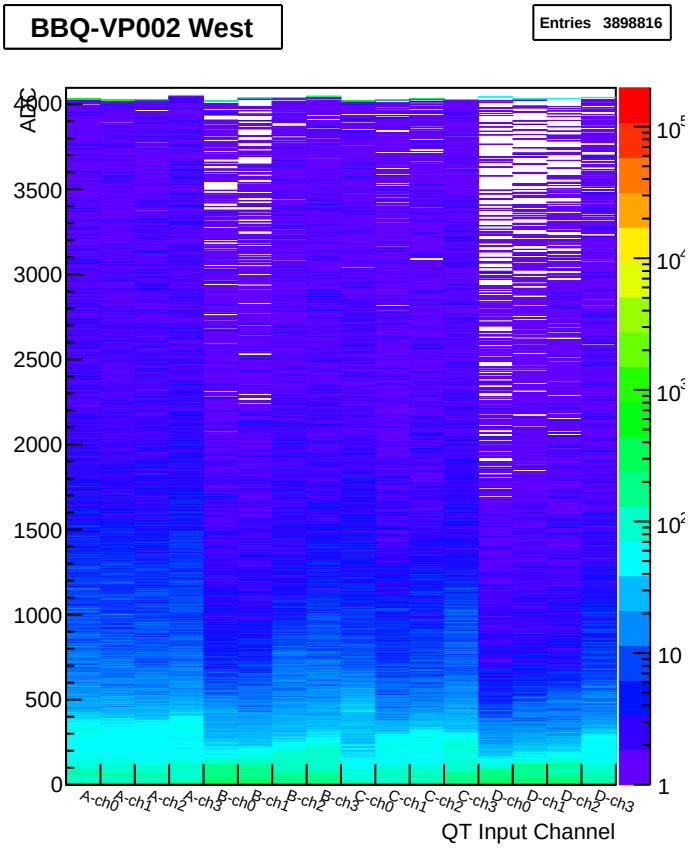

BBQ-BB002 (BBC west small tiles TAC)
Entries 3898816
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

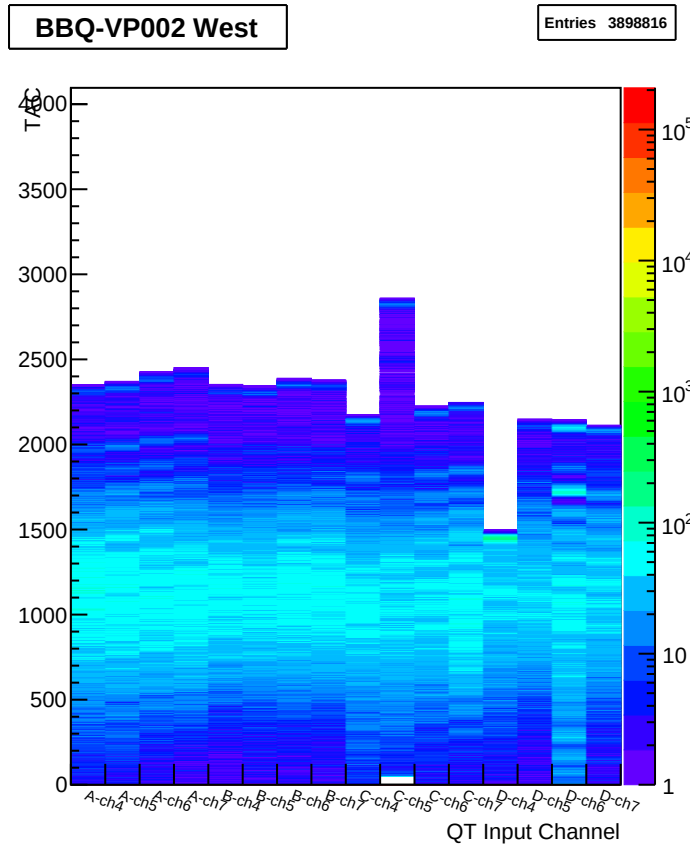

BBQ-ZD001 (ZDC TOWER)
Entries 3898816
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

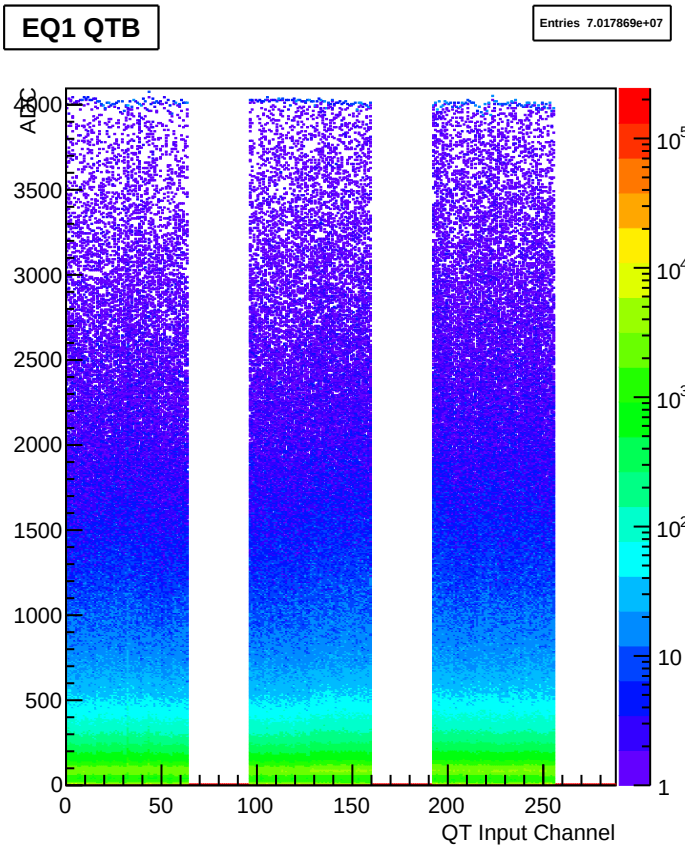

BBQ-ZD001 (ZDC TOWER)
Entries 3898816
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

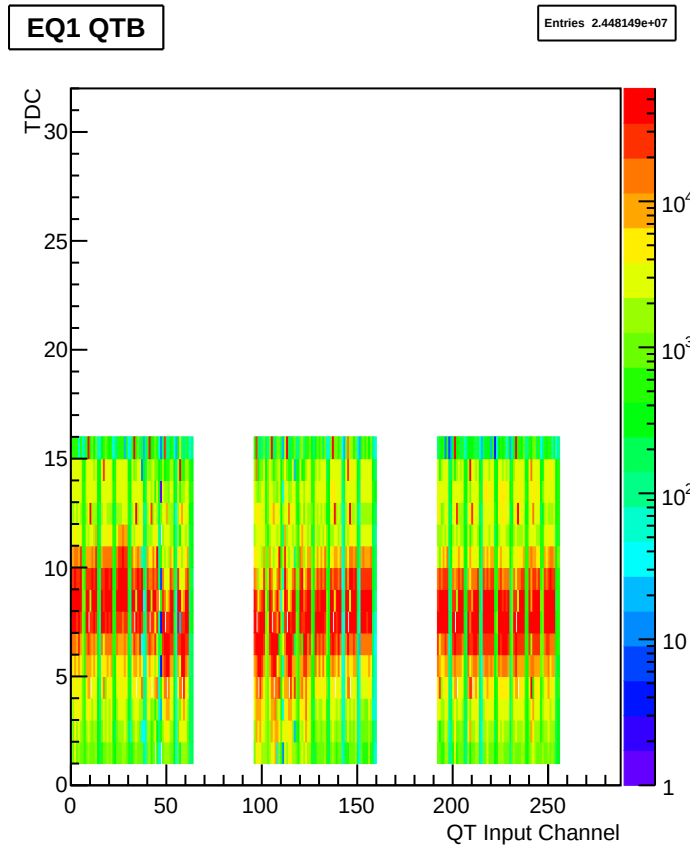

BBQ-VP001 East
Entries 3898816
ADC
QT Input Channel

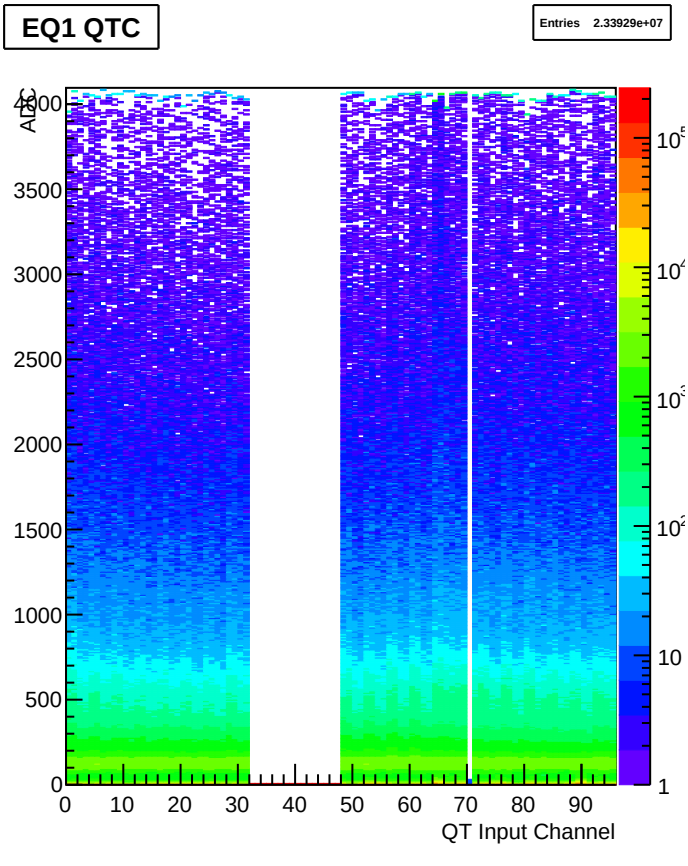

BBQ-VP001 East
Entries 3898816
TADC
QT Input Channel

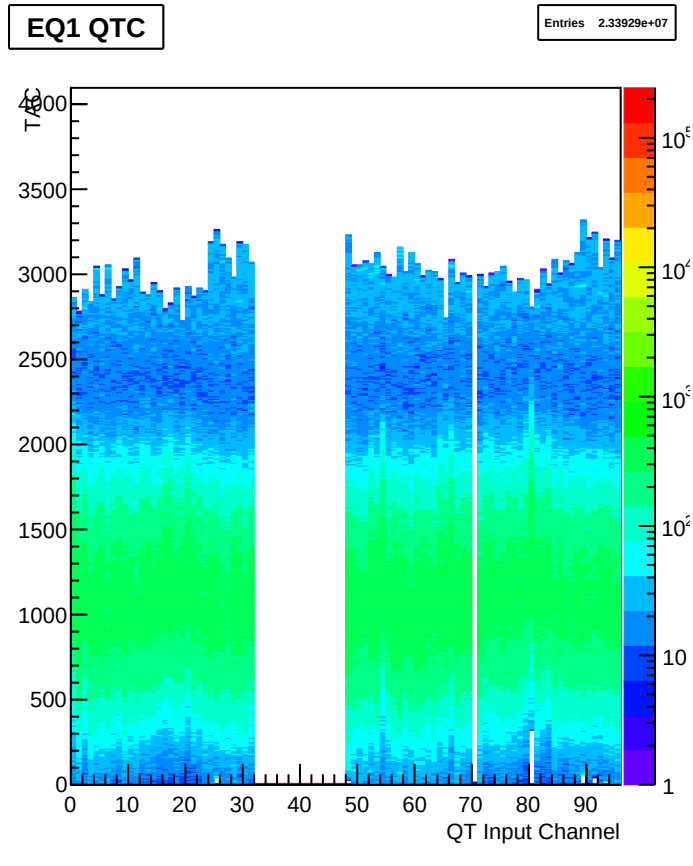

BBQ-VP002 West
Entries 3898816
ADC
QT Input Channel

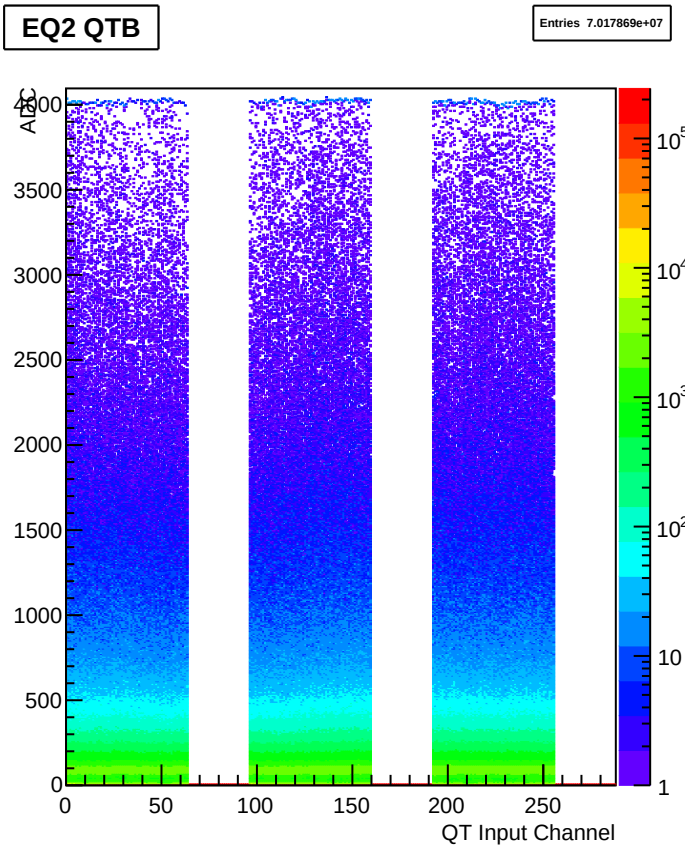

BBQ-VP002 West
Entries 3898816
TADC
QT Input Channel

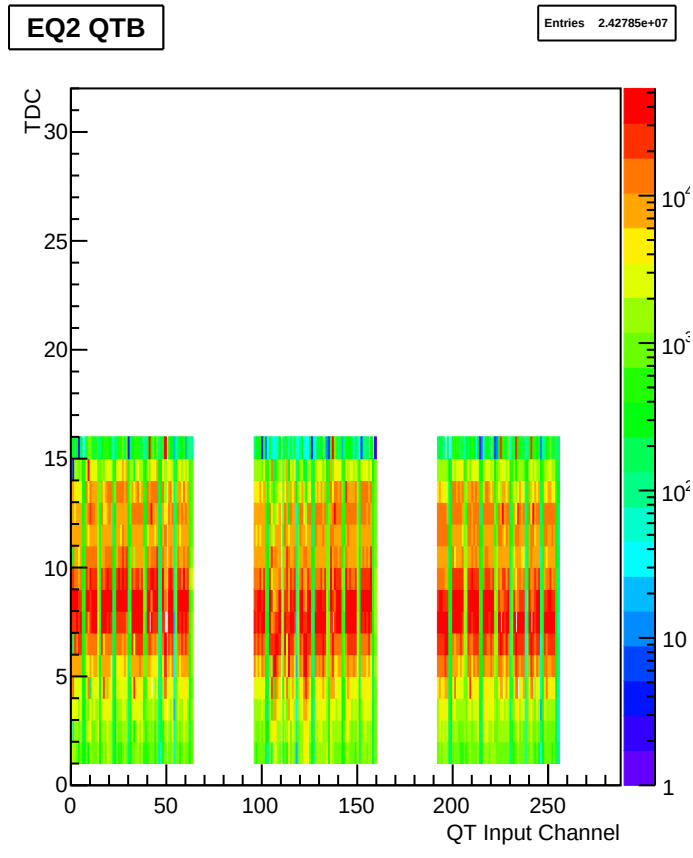

EQ1 QTB
Entries 7.017869e+07
ADC
QT Input Channel

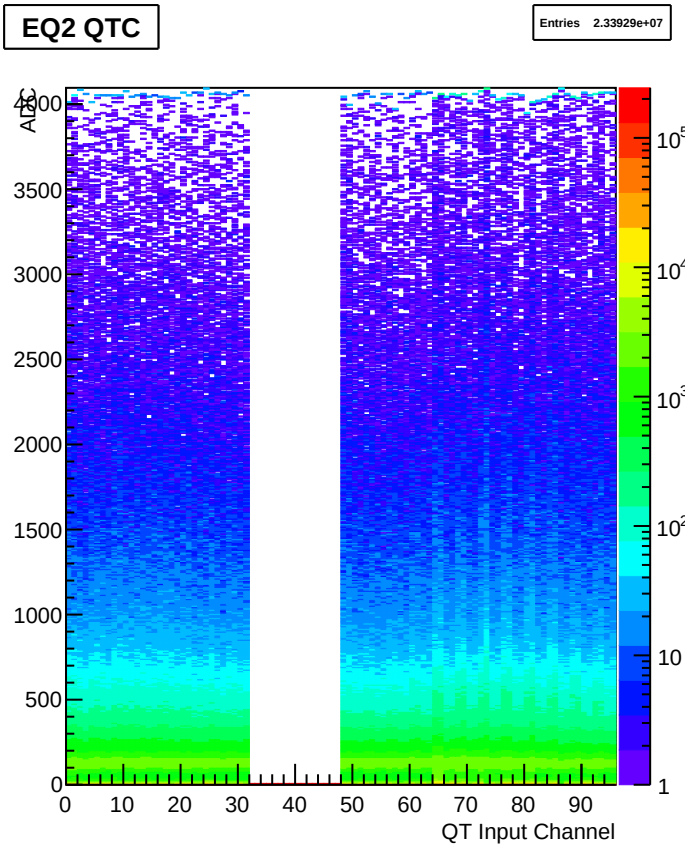

EQ1 QTB
Entries 2.448149e+07
TDC
QT Input Channel

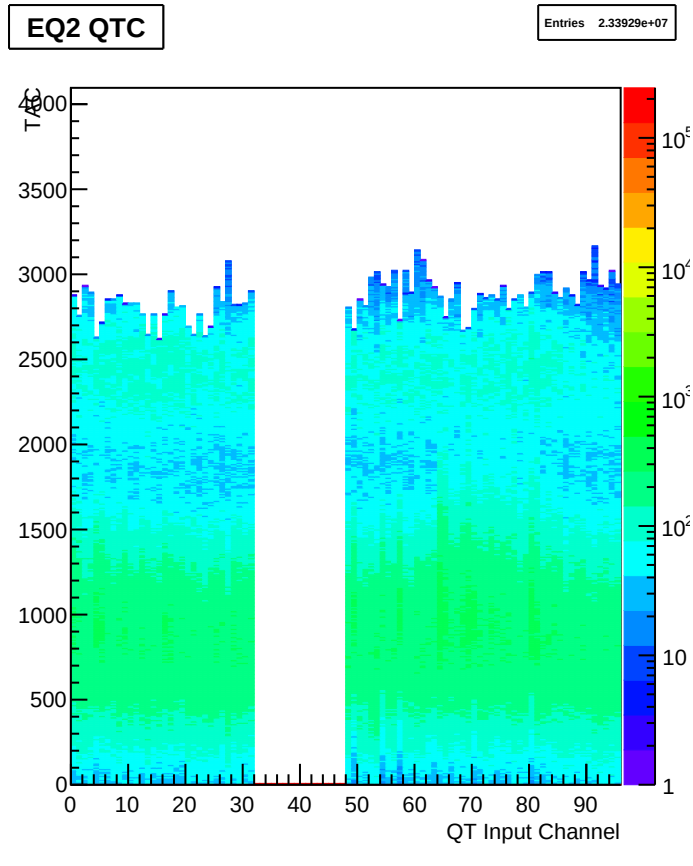

EQ1 QTC
Entries 2.33929e+07
ADC
QT Input Channel

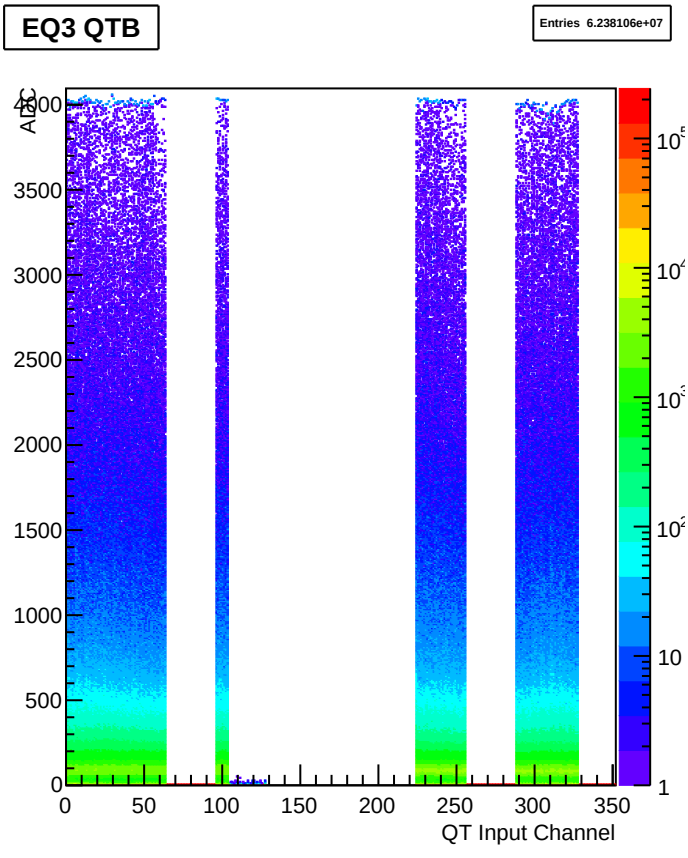

EQ1 QTC
Entries 2.33929e+07
TADC
QT Input Channel

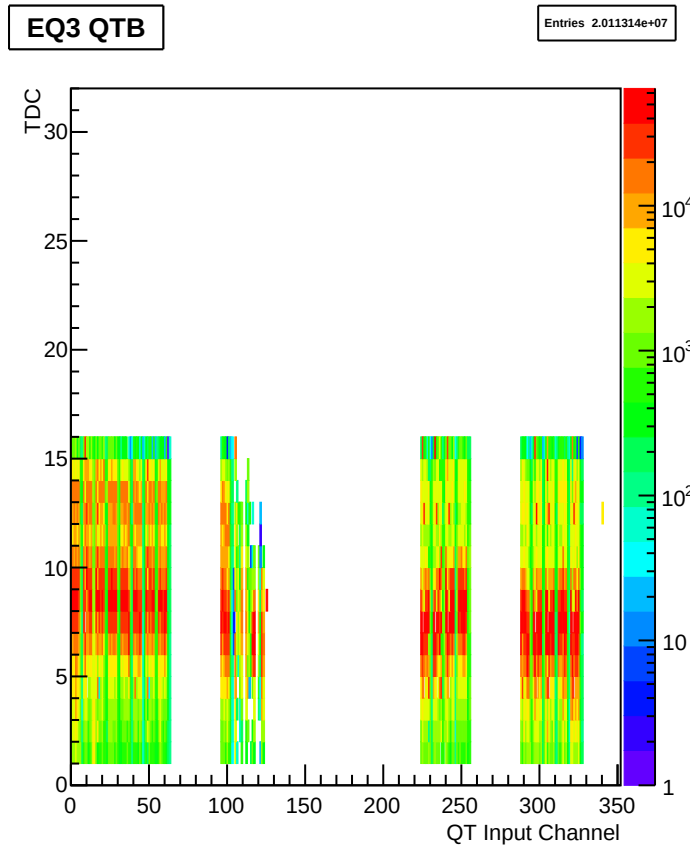

EQ2 QTB
Entries 7.017869e+07
ADC
QT Input Channel

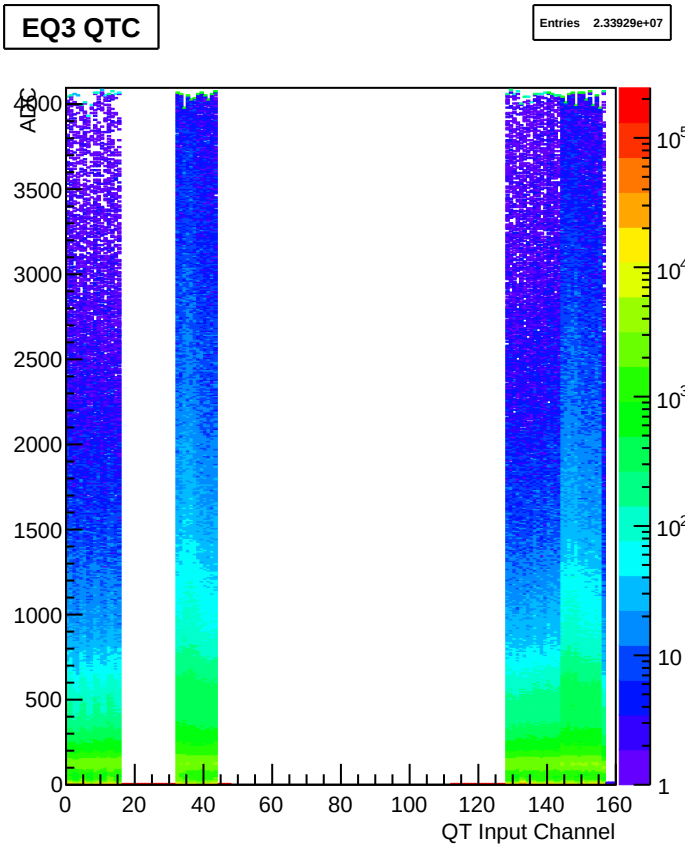

EQ2 QTB
Entries 2.42785e+07
TDC
QT Input Channel

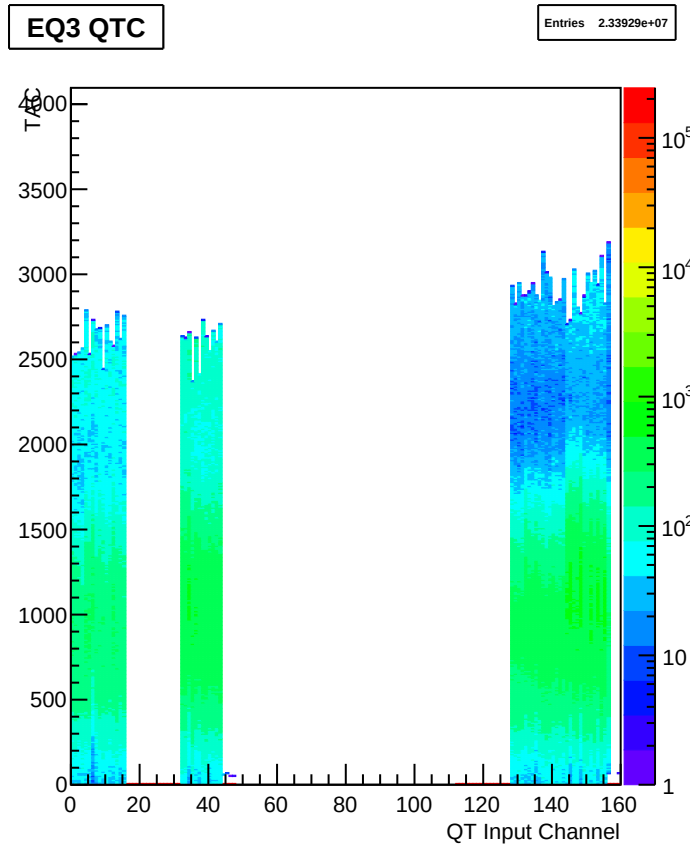

EQ2 QTC
Entries 2.33929e+07
ADC
QT Input Channel

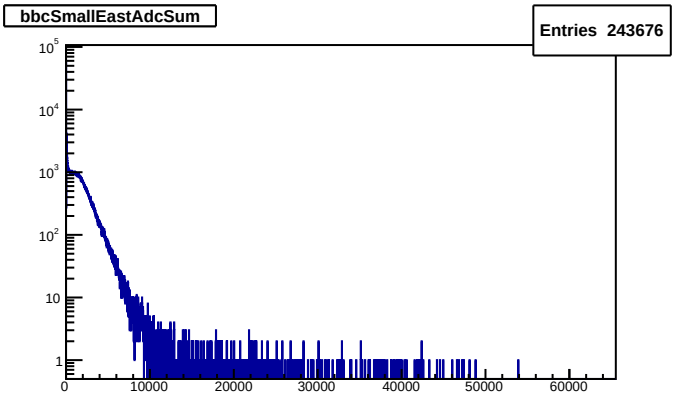

EQ2 QTC
Entries 2.33929e+07
TADC
QT Input Channel

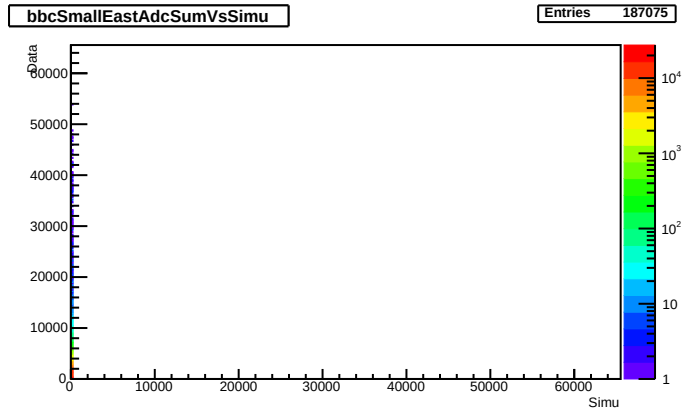

EQ3 QTB
Entries 6.238106e+07
ADC
QT Input Channel

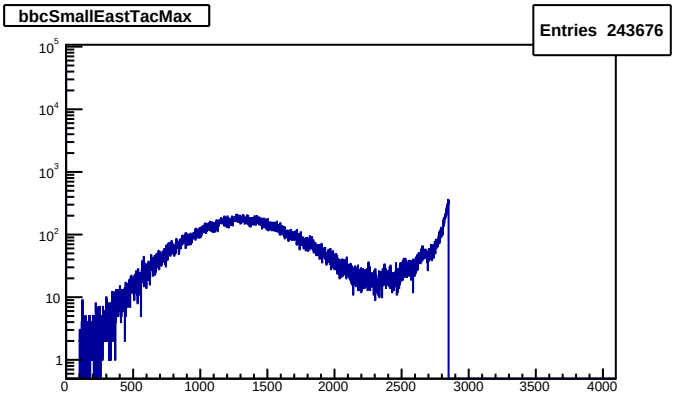

EQ3 QTB
Entries 2.011314e+07
TDC
QT Input Channel

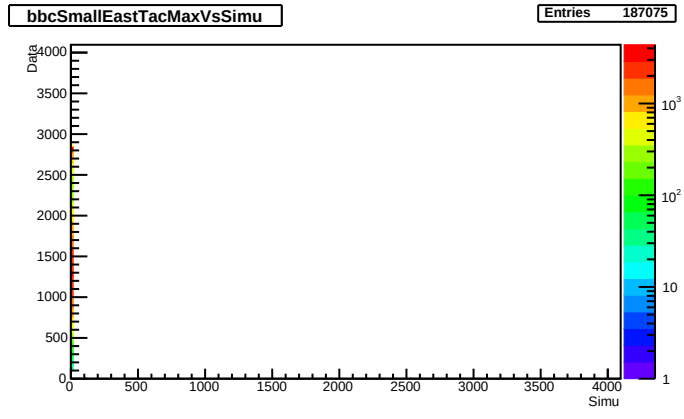

EQ3 QTC
Entries 2.33929e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.33929e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 243676


bbcSmallEastAdcSumVsSimu
Entries 187075
Data
Simu


bbcSmallEastTacMax
Entries 243676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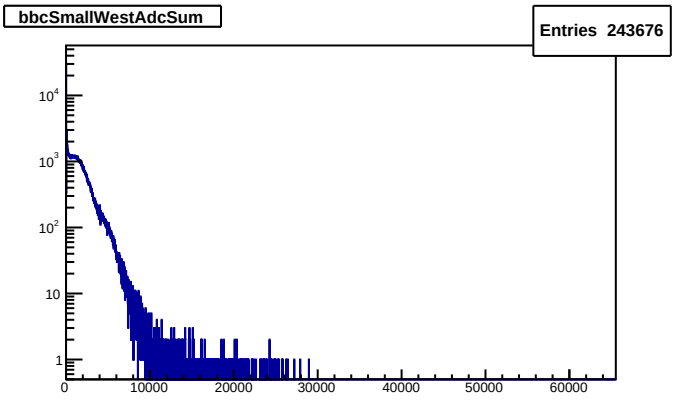
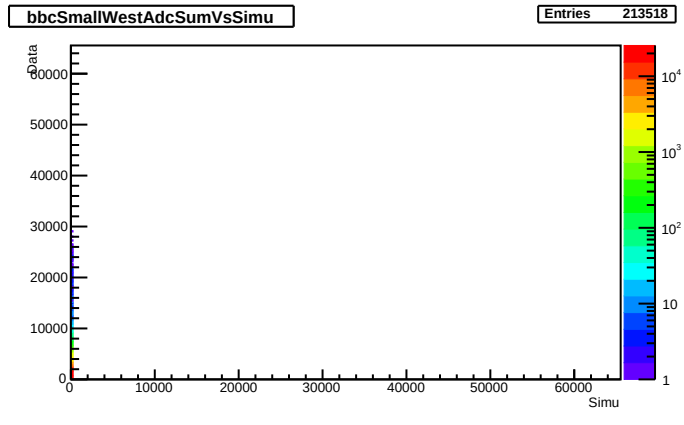
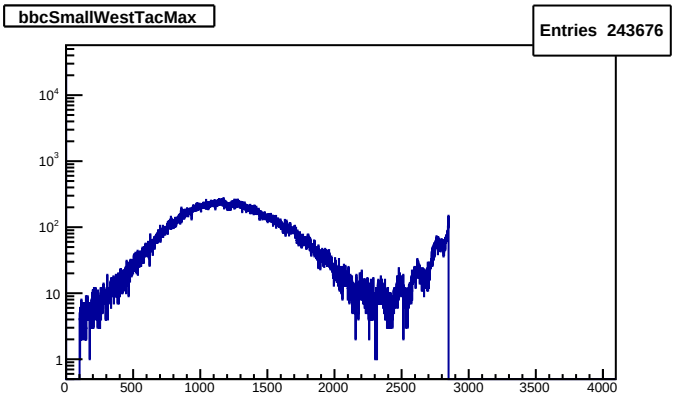
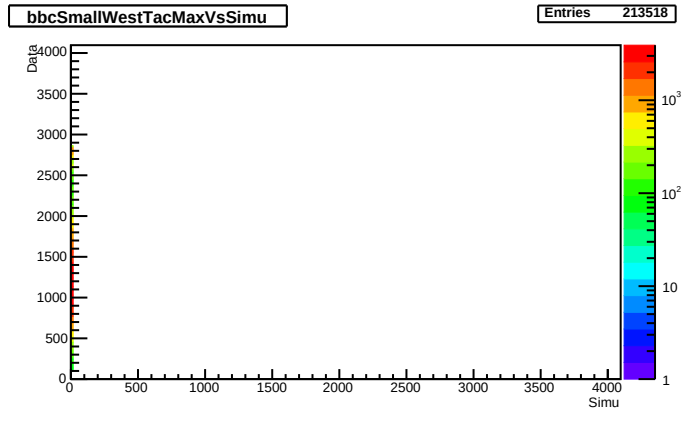
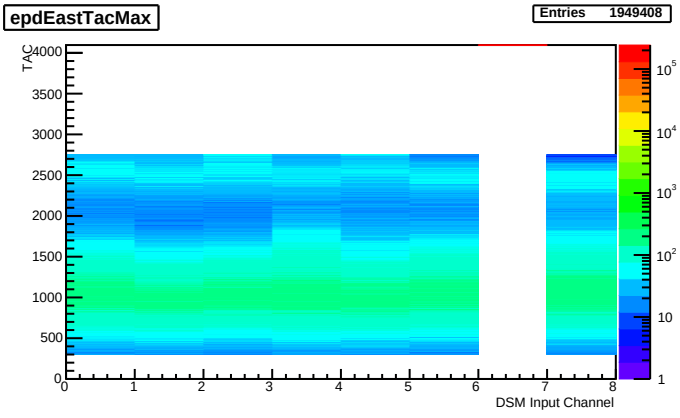
Entries 187075
Data
Simu

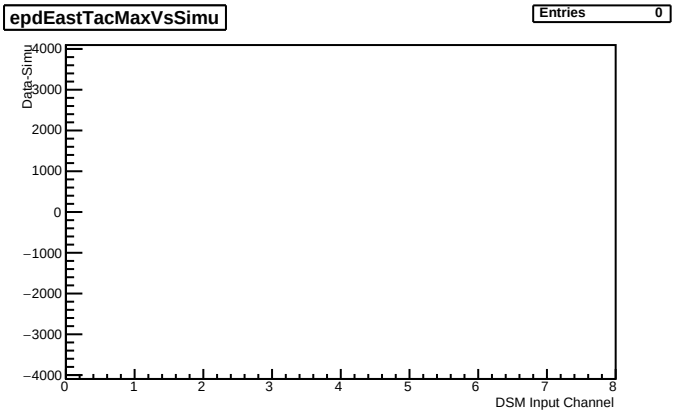

bbcSmallWestAdcSum
Entries 243676

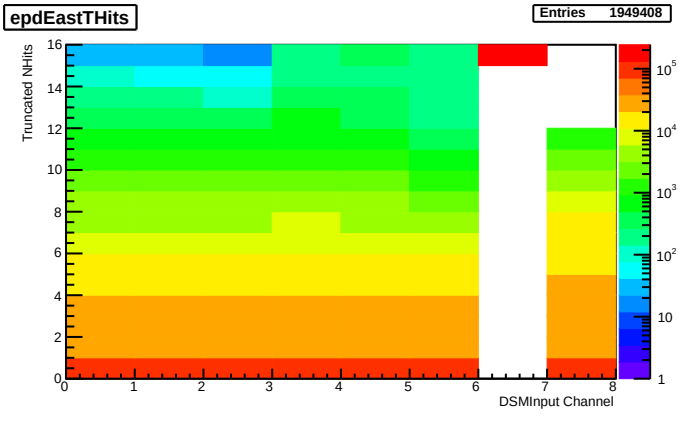

bbcSmallWestAdcSumVsSimu
Entries 213518
Data
Simu

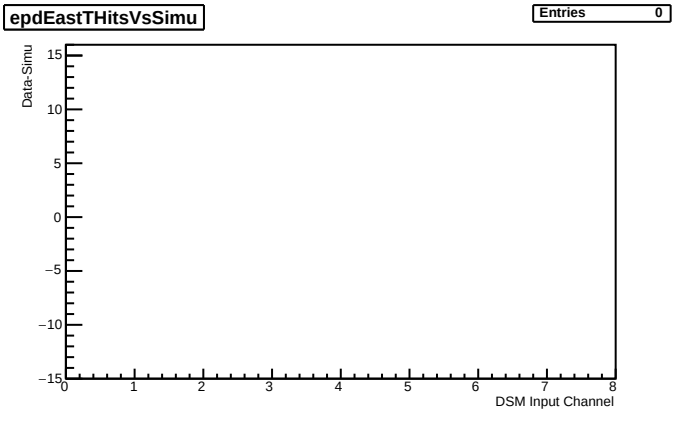

bbcSmallWestTacMax
Entries 243676


bbcSmallWestTacMaxVsSimu
Entries 213518
Data
Simu


epdEastTacMax
Entries 1949408
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1949408
Truncated NHits
DSMInput Channel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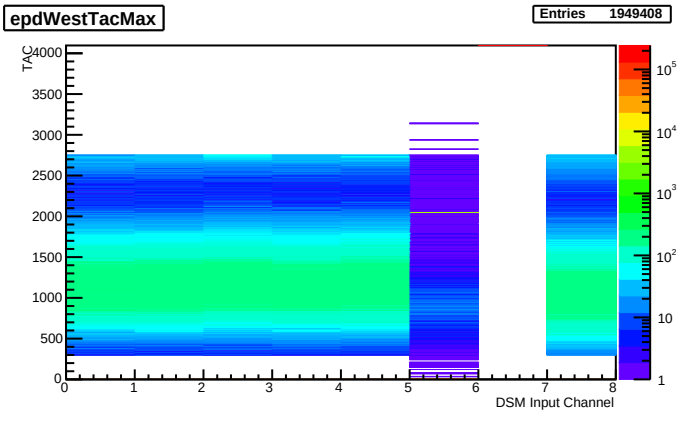
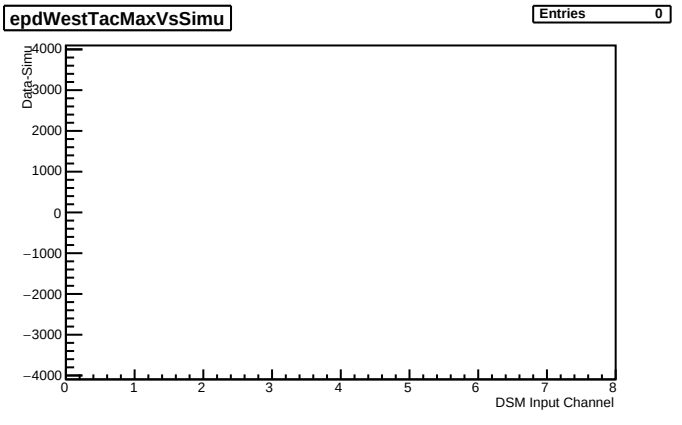
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1949408
TAC
DSM Input Channel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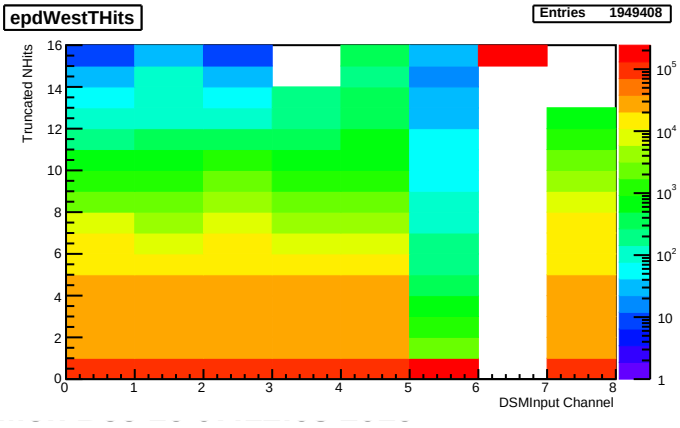
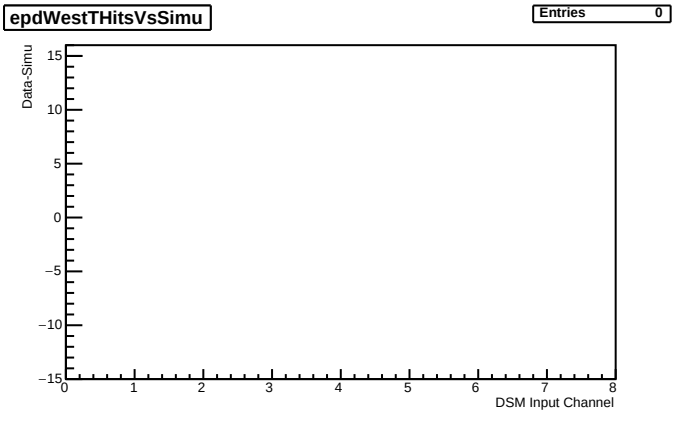
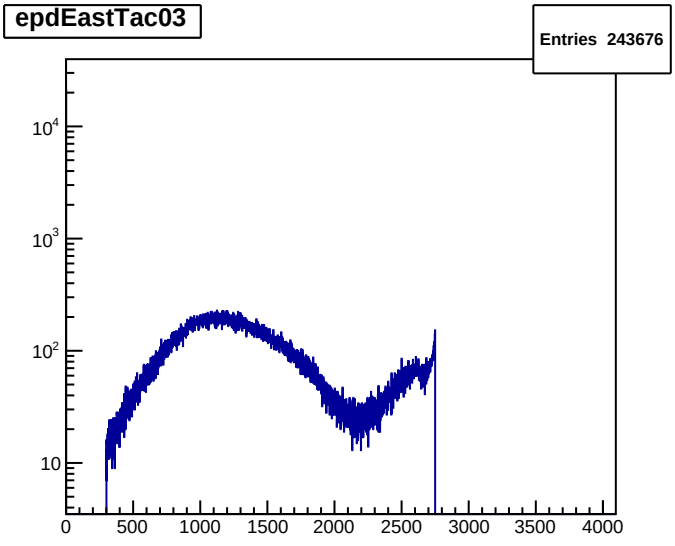
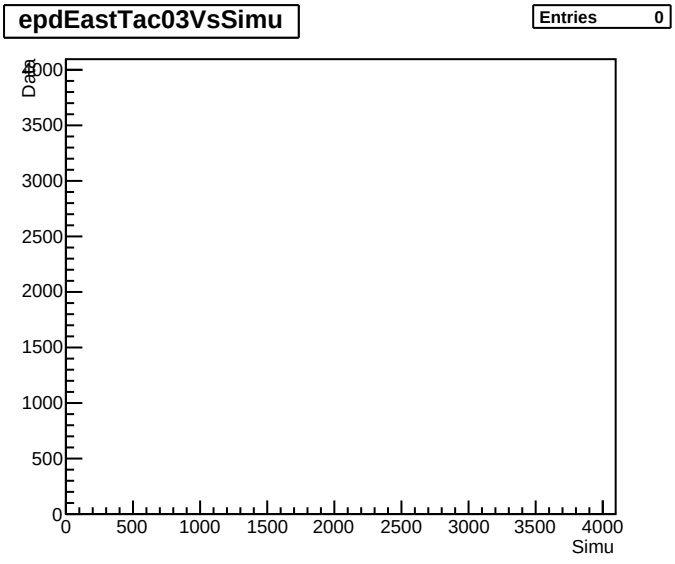
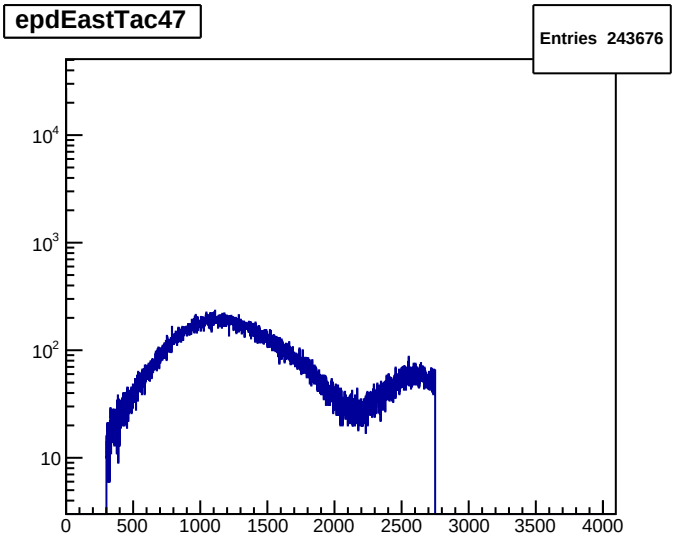
Entries 0
Data-Simu
DSM Input Channel

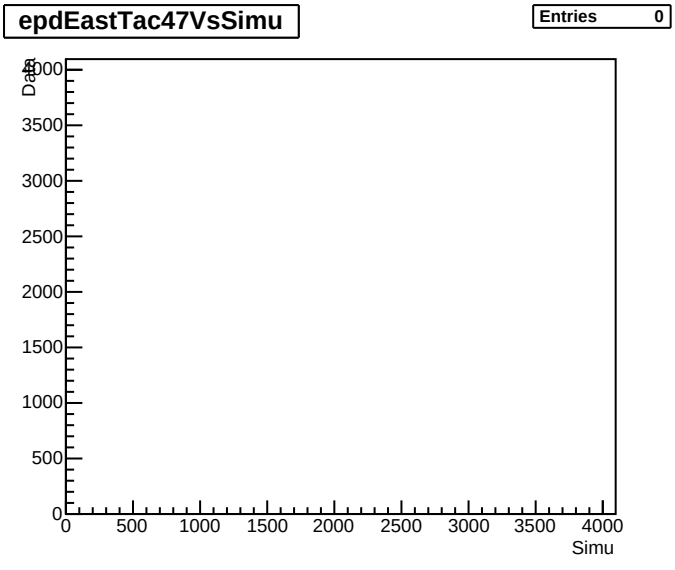

epdWestTHits
Entries 1949408
Truncated NHits
DSMInput Channel

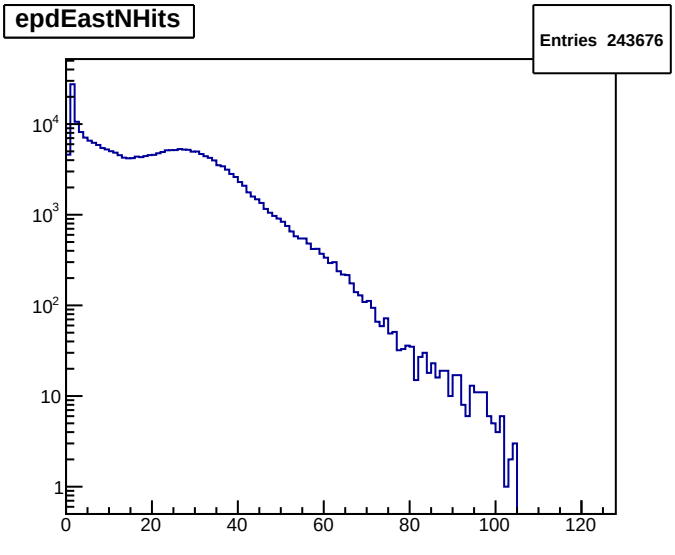

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

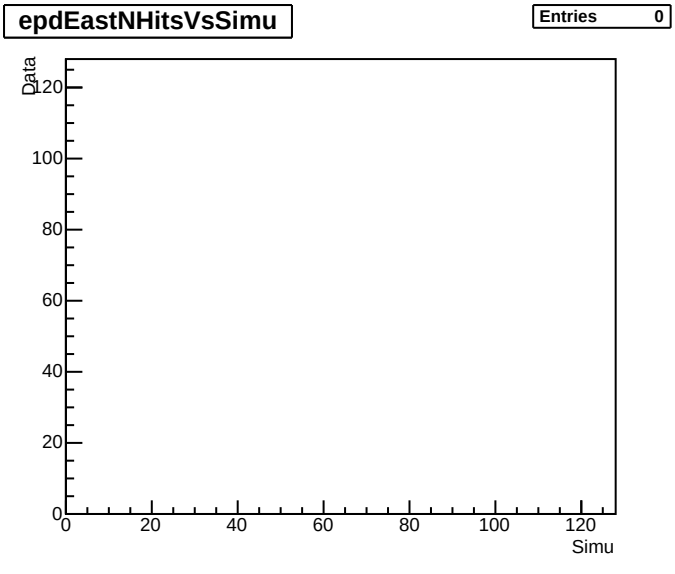

epdEastTac03
Entries 243676


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 243676


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 243676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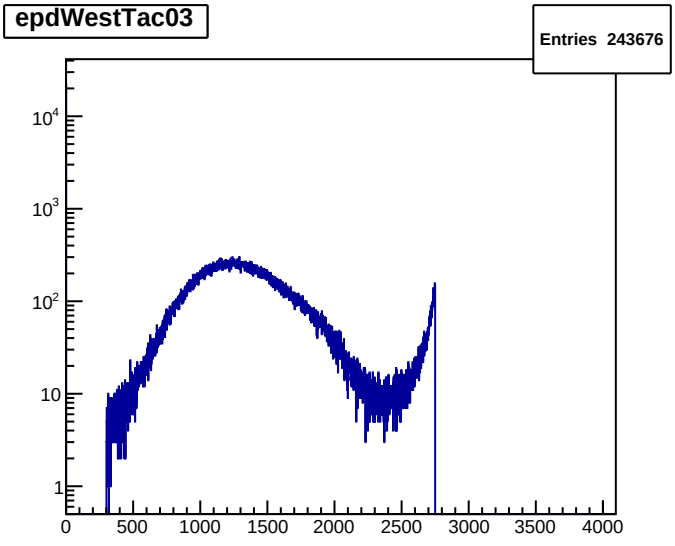
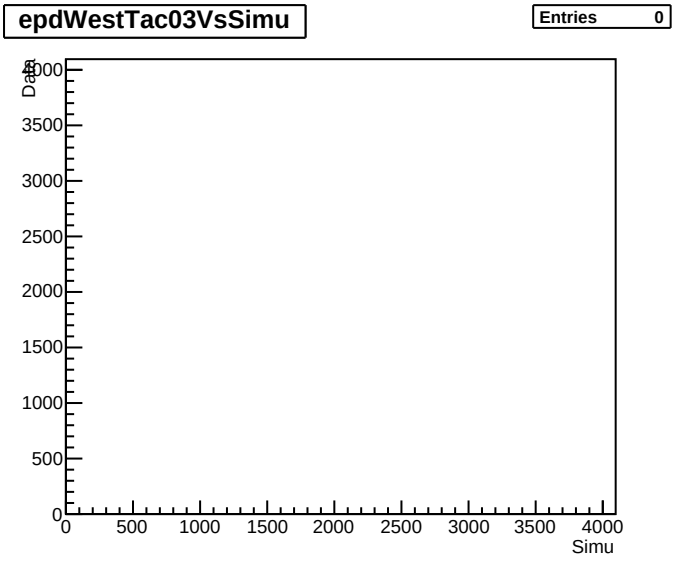
Entries 0
Data
Simu


epdWestTac03
Entries 243676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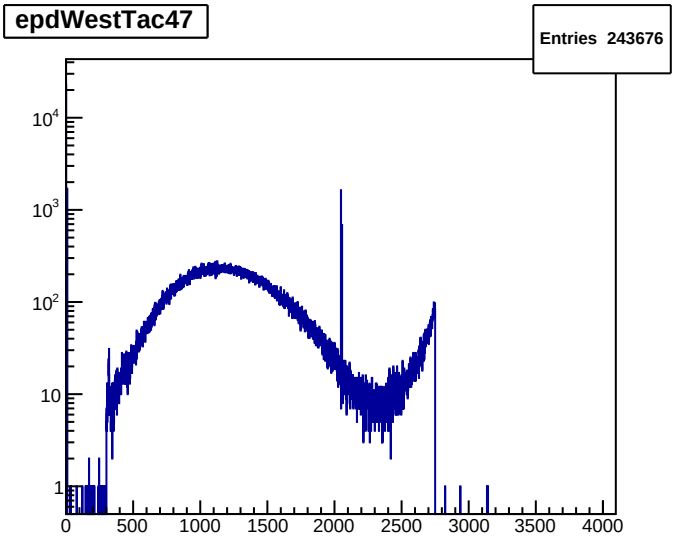
Entries 0
Data
Simu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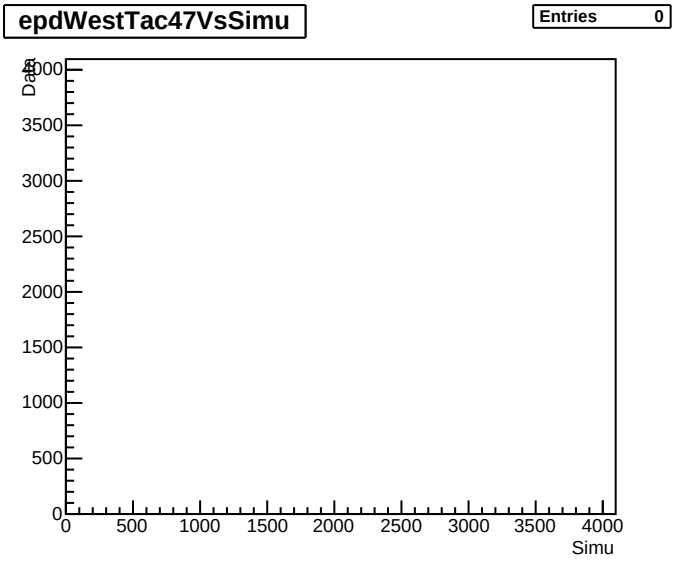
Entries 243676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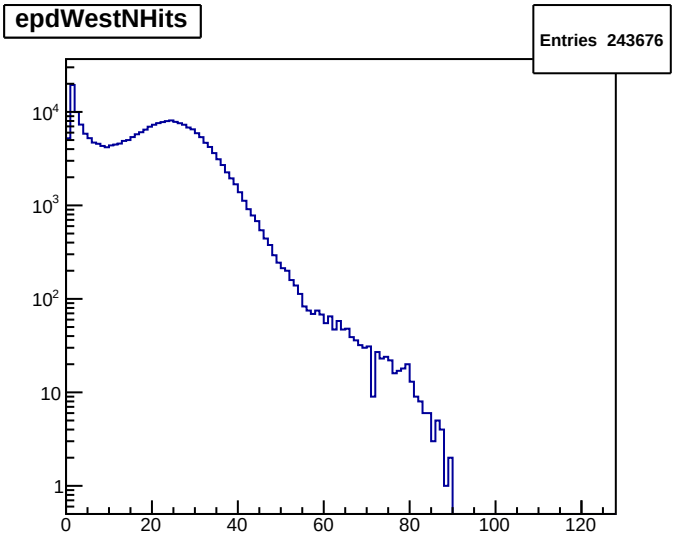
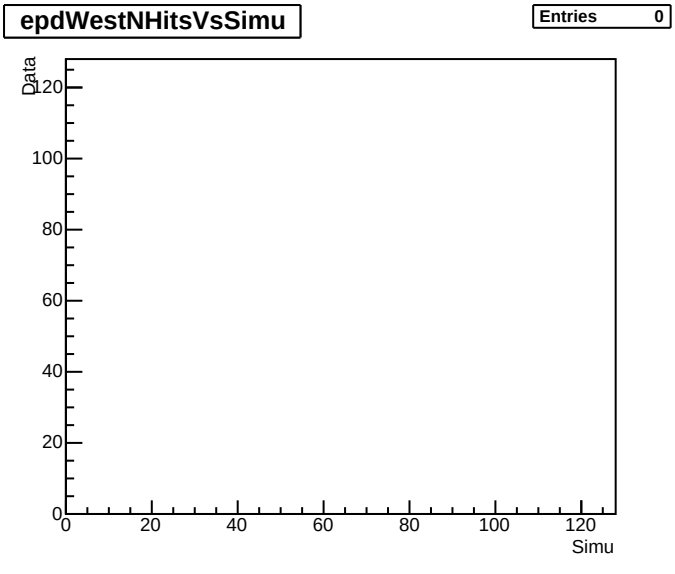
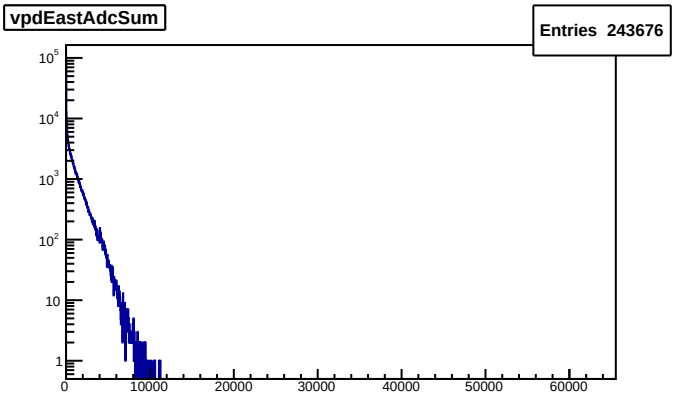
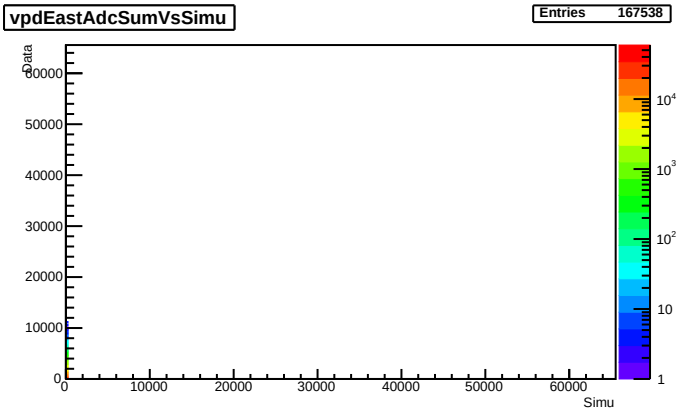
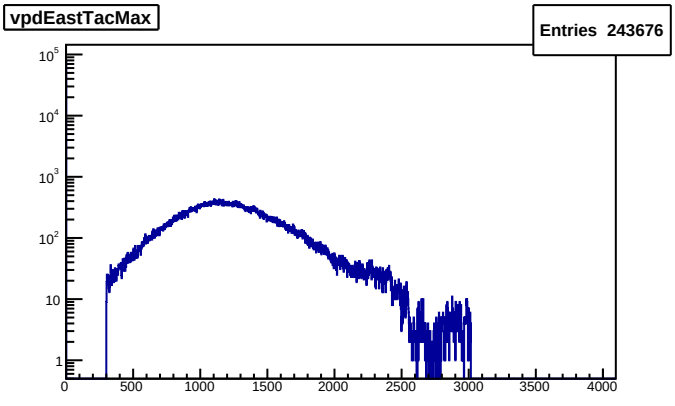
Entries 0
Data
Simu

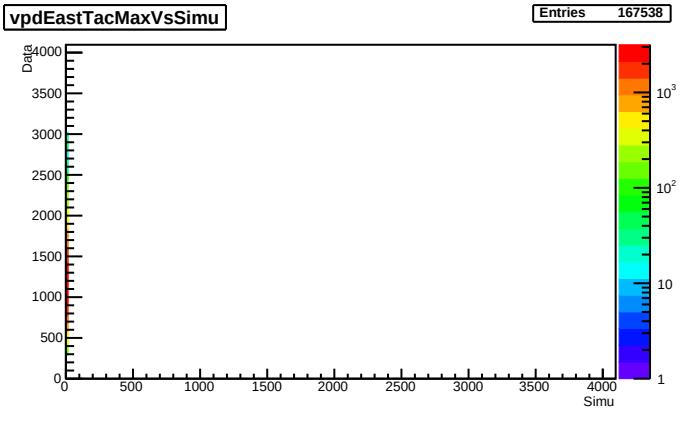

epdWestNHits
Entries 243676

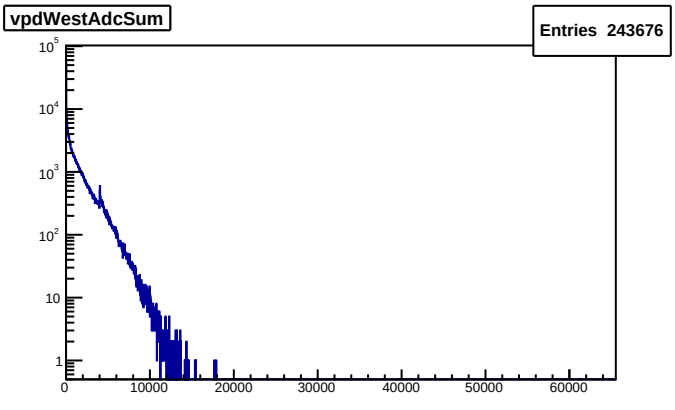

epdWestNHitsVsSimu
Entries 0
Data
Simu

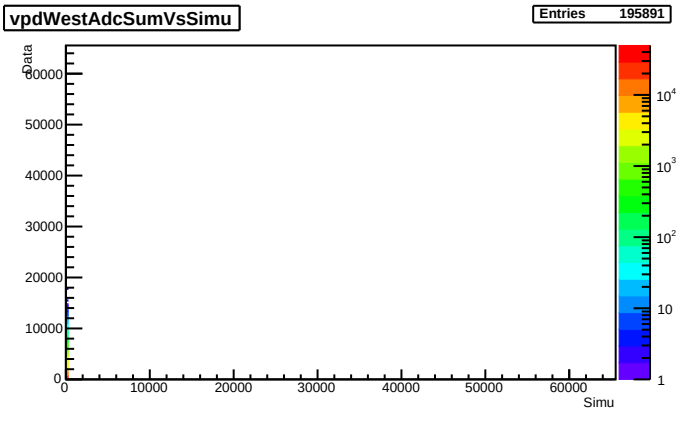

vpdEastAdcSum
Entries 243676

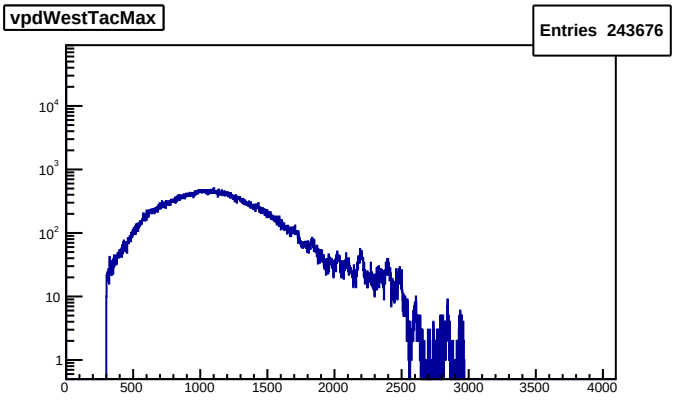

vpdEastAdcSumVsSimu
Entries 167538
Data
Simu

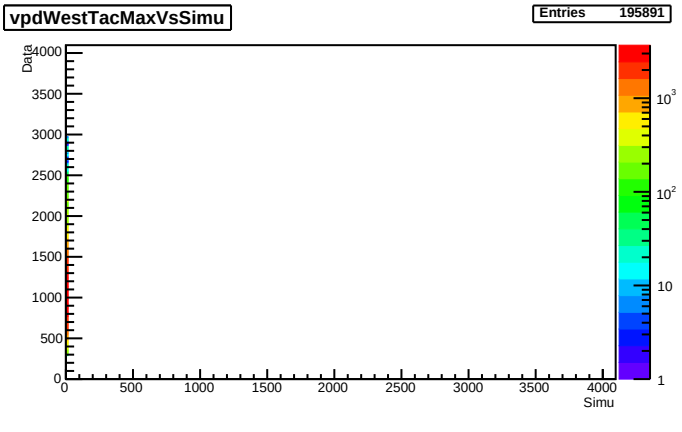

vpdEastTacMax
Entries 243676

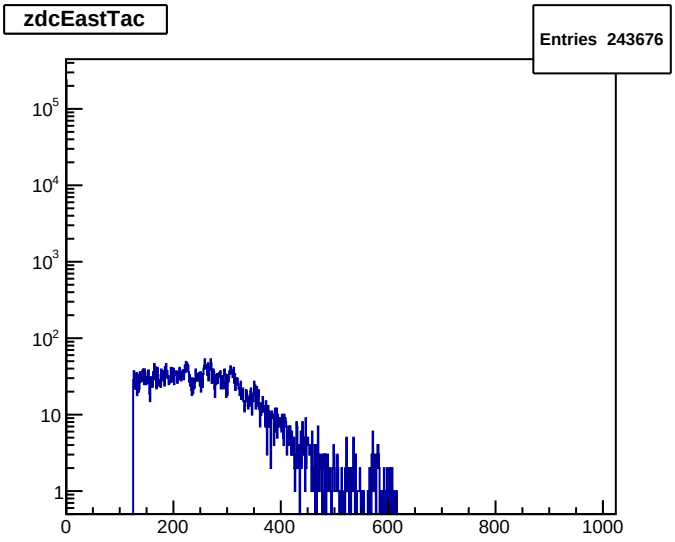

vpdEastTacMaxVsSimu
Entries 167538
Data
Simu

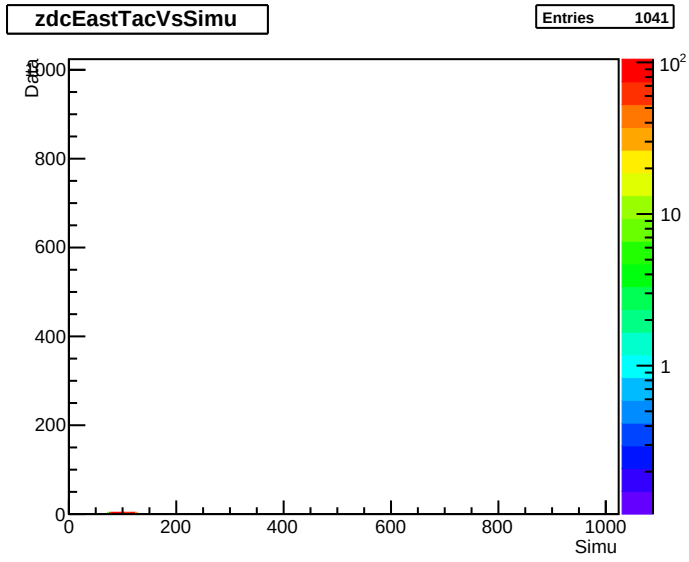

vpdWestAdcSum
Entries 243676

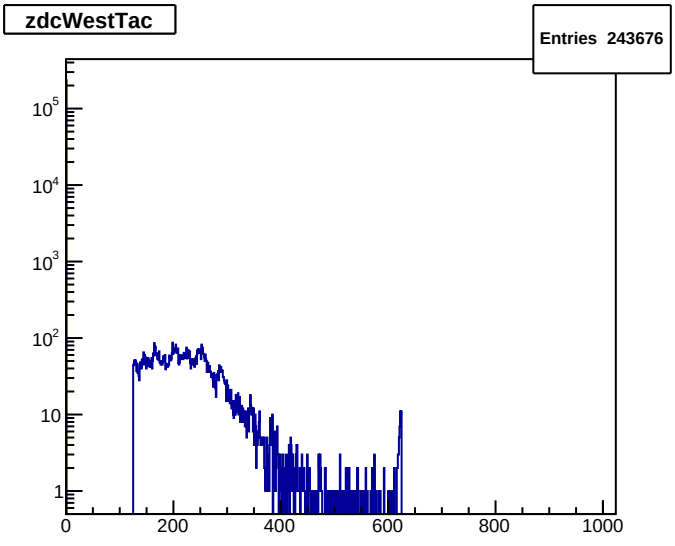

vpdWestAdcSumVsSimu
Entries 195891
Data
Simu

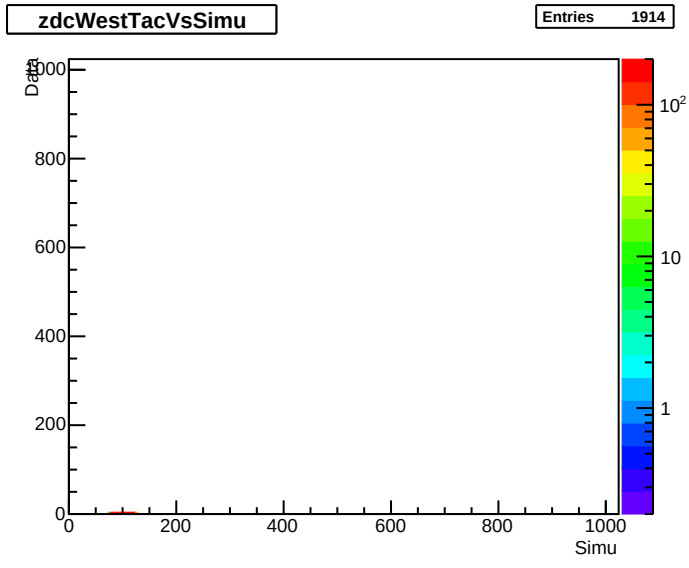

vpdWestTacMax
Entries 243676

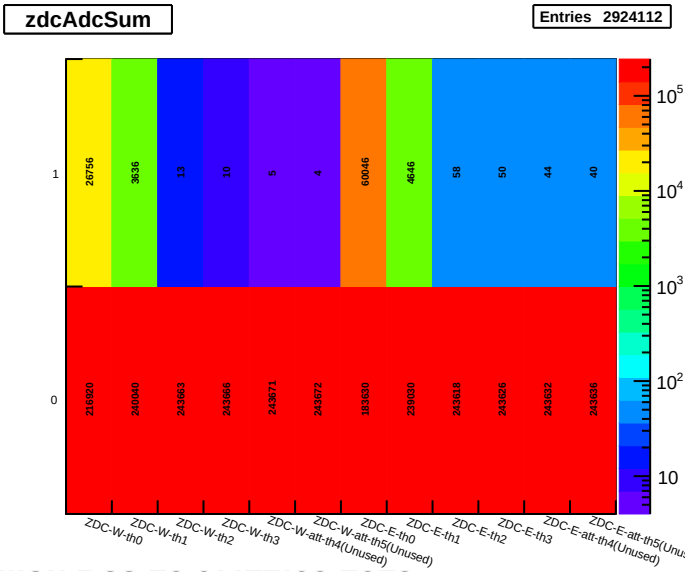

vpdWestTacMaxVsSimu
Entries 195891
Data
Simu

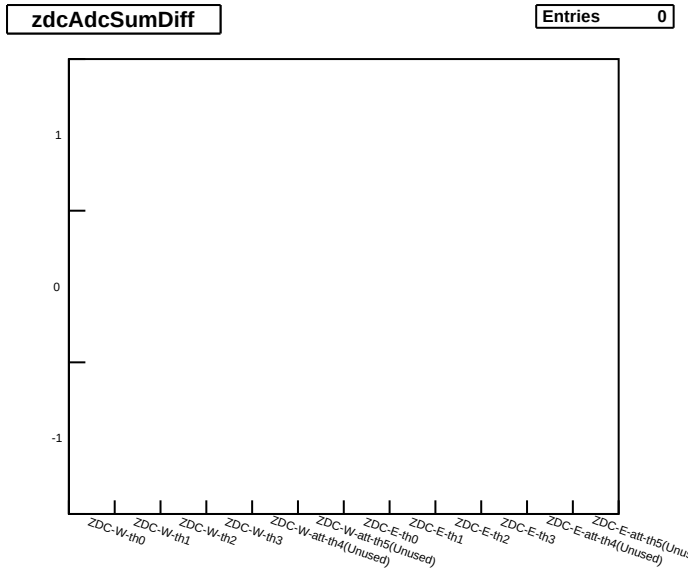

zdcEastTac
Entries 243676

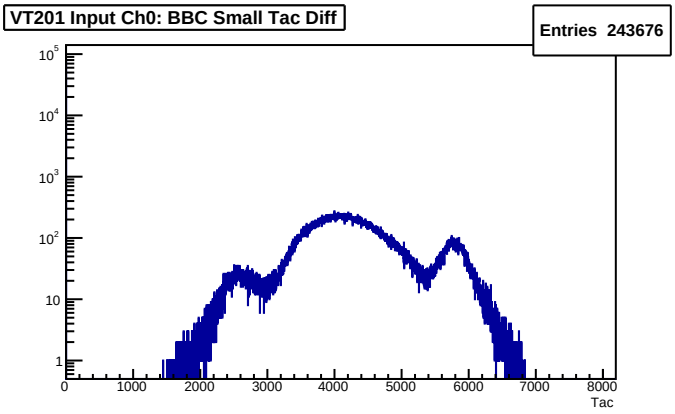

zdcEastTacVsSimu
Entries 1041
Data
Simu

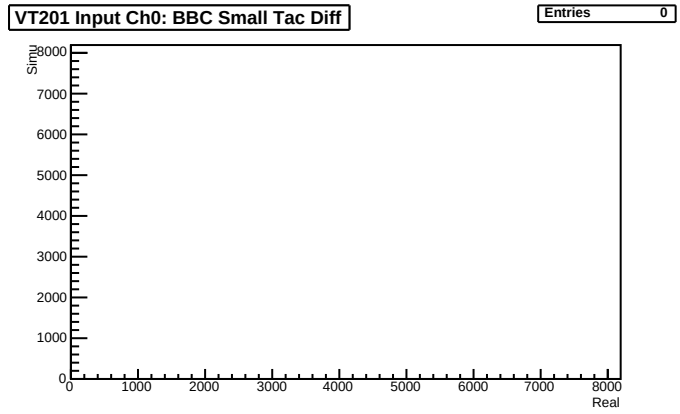

zdcWestTac
Entries 243676

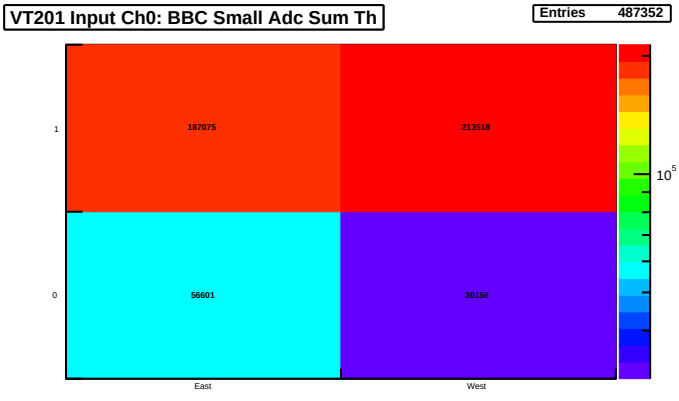

zdcWestTacVsSimu
Entries 1914
Data
Simu

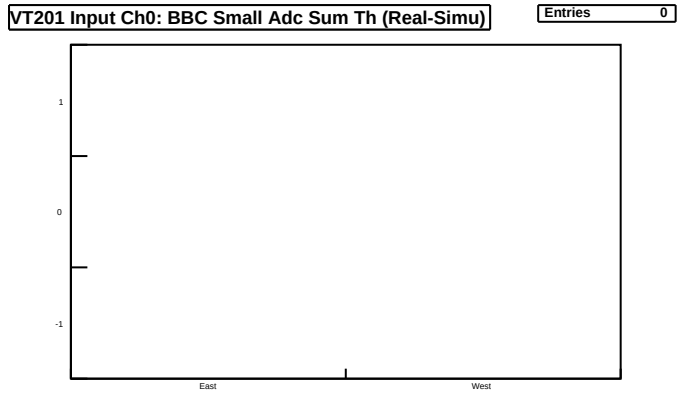

zdcAdcSum
Entries 2924112
26756
3636
13
10
5
4
60046
4646
58
50
44
40
216920
240040
243653
243666
243671
243672
183630
239030
243618
243626
243632
243636
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

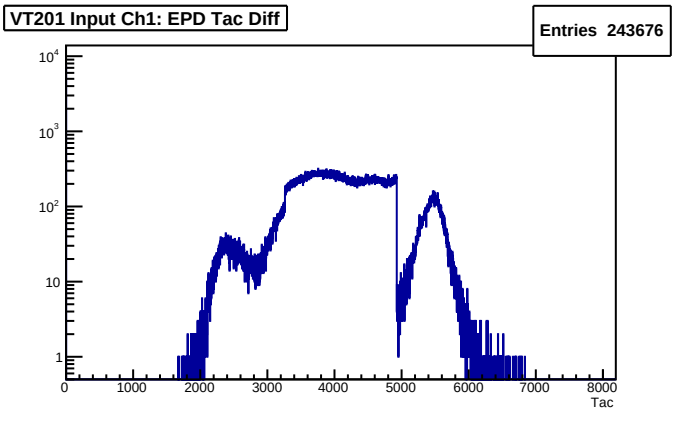

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

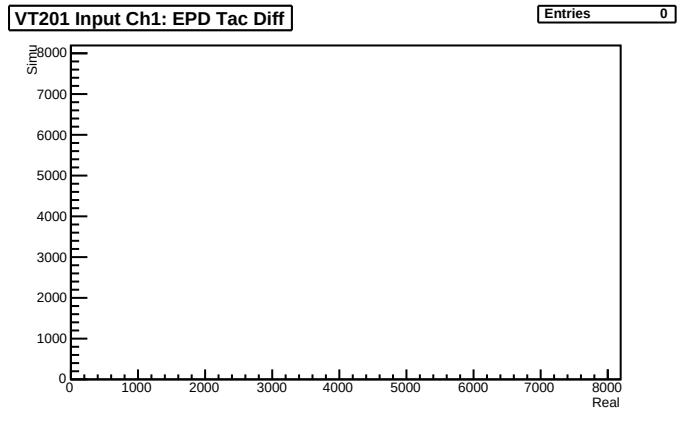

VT201 Input Ch0: BBC Small Tac Diff
Entries 243676
Tac

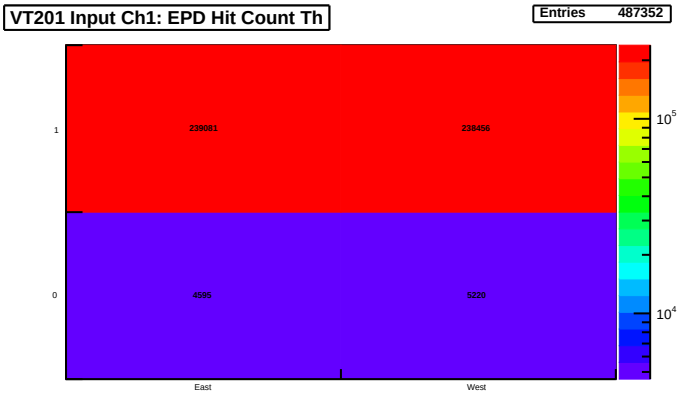

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

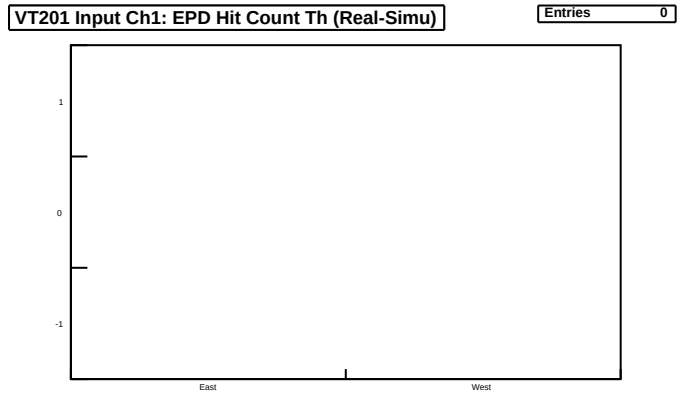

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 487352
187075
213518
56601
30158
East
West

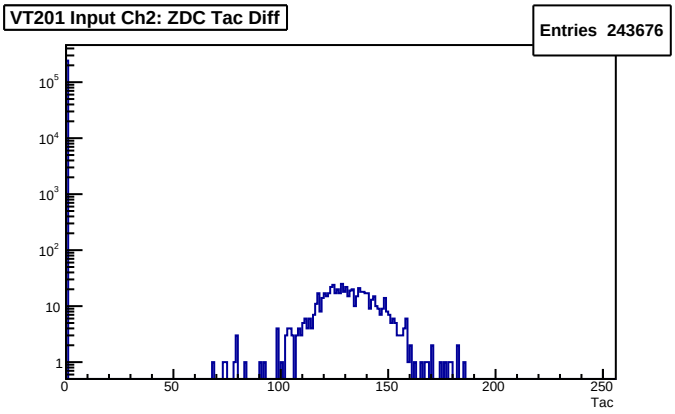

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

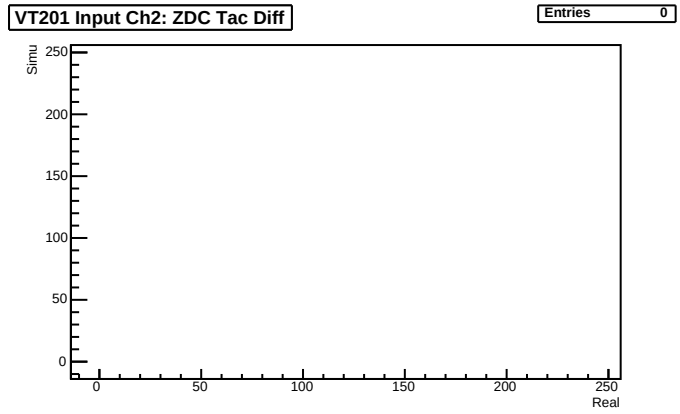

VT201 Input Ch1: EPD Tac Diff
Entries 243676
Tac

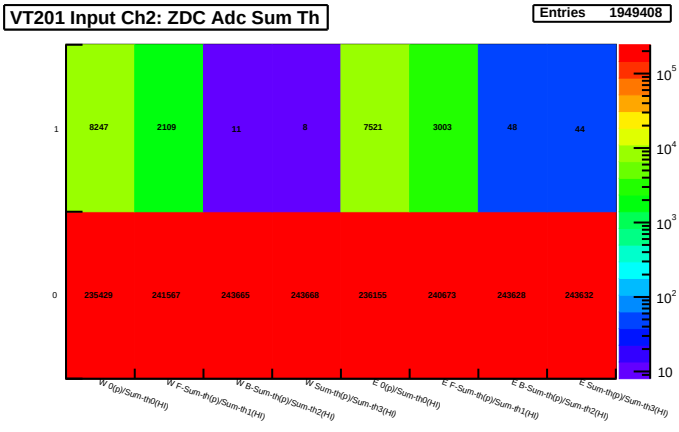

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

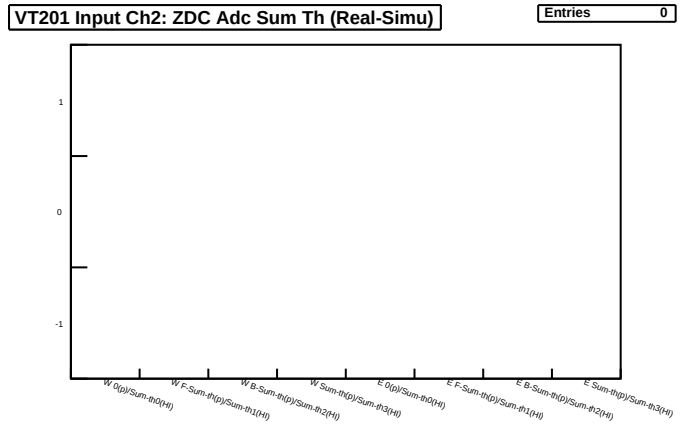

VT201 Input Ch1: EPD Hit Count Th
Entries 487352
239081
238456
4595
5220
East
West

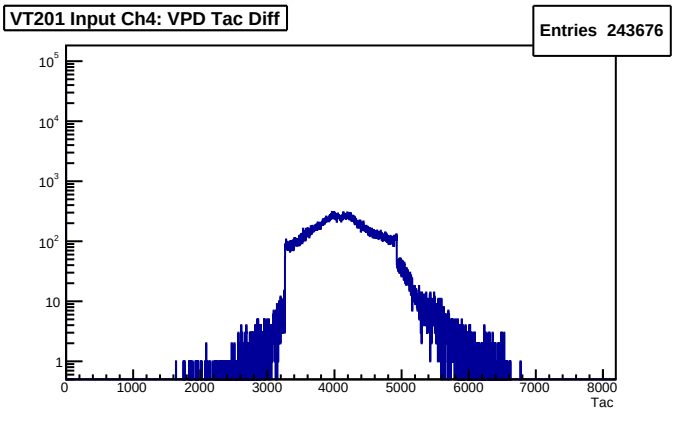

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

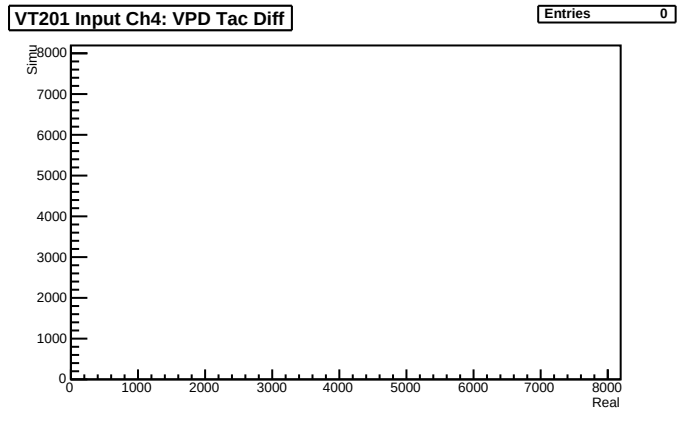

VT201 Input Ch2: ZDC Tac Diff
Entries 243676
Tac

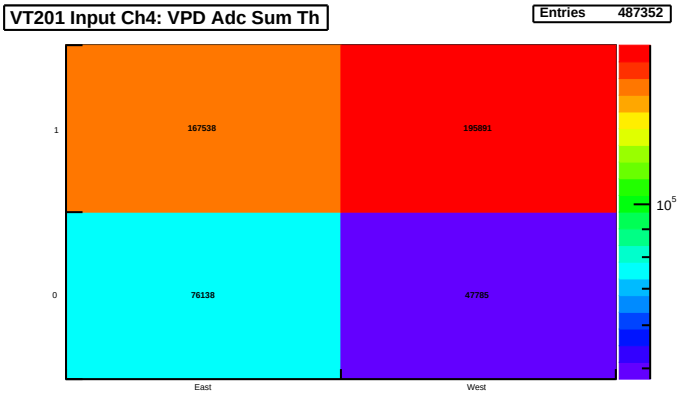

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

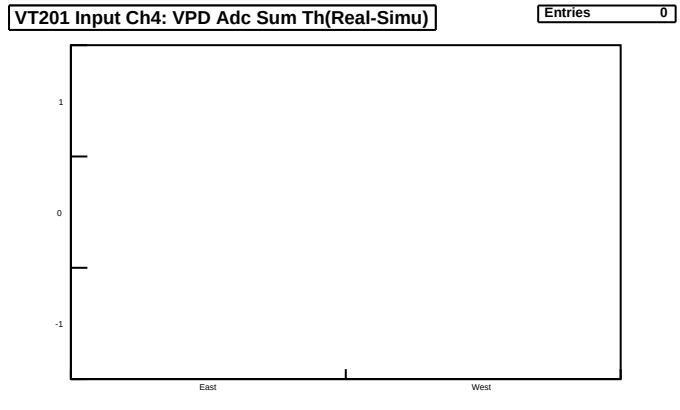

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1949408
8247
2109
11
8
7521
3003
48
44
235429
241567
243665
243668
236155
240673
243628
243632
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

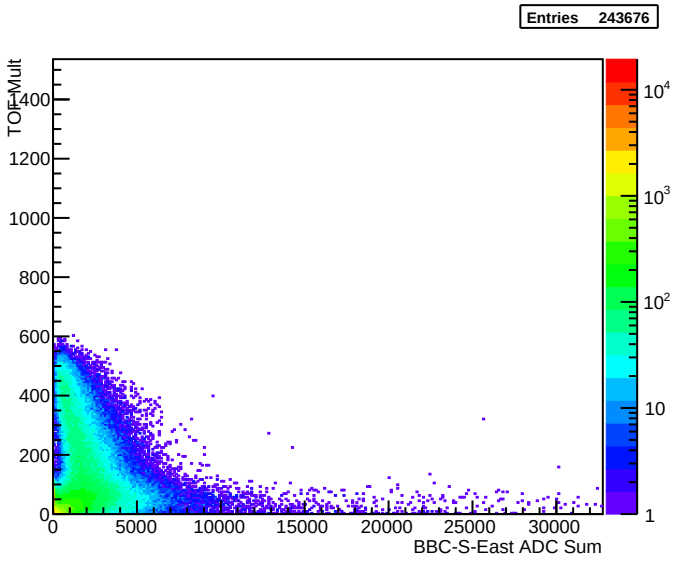

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

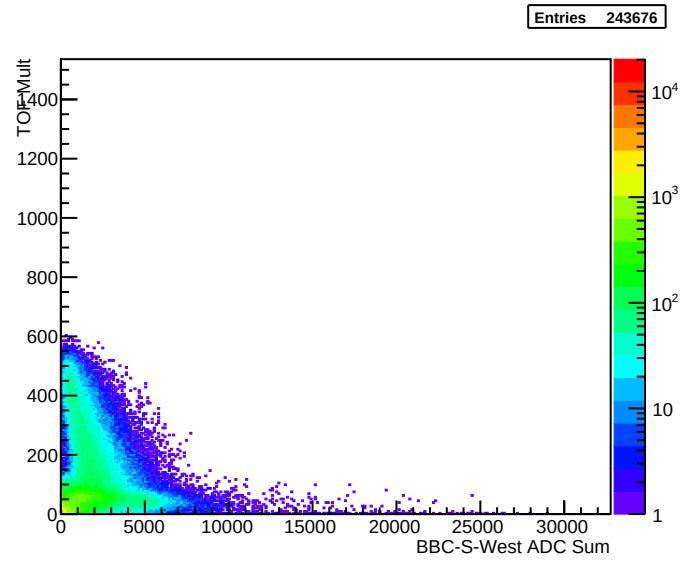

VT201 Input Ch4: VPD Tac Diff
Entries 243676
Tac

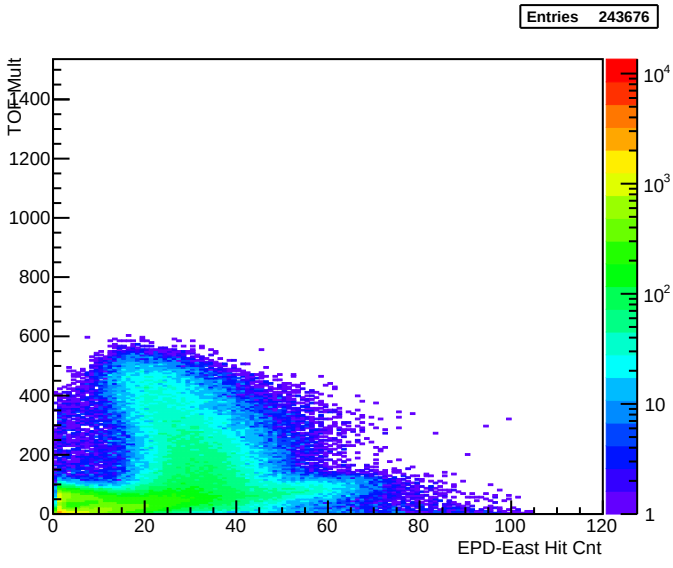

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

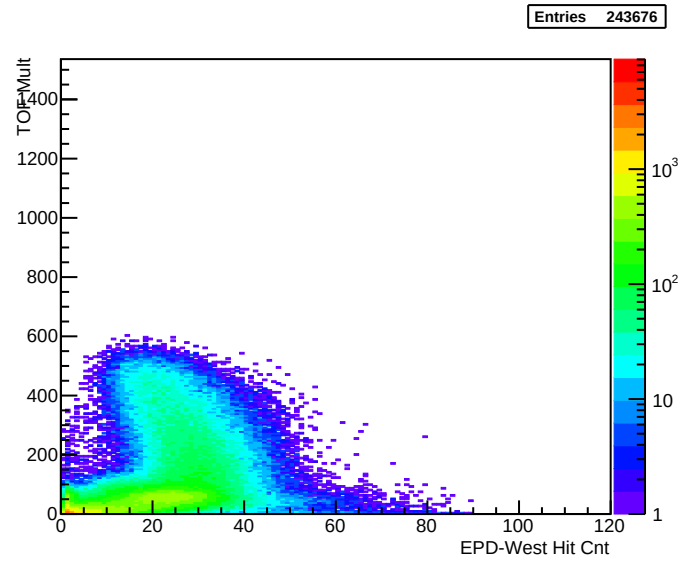

VT201 Input Ch4: VPD Adc Sum Th
Entries 487352
167538
195891
76138
47785
East
West

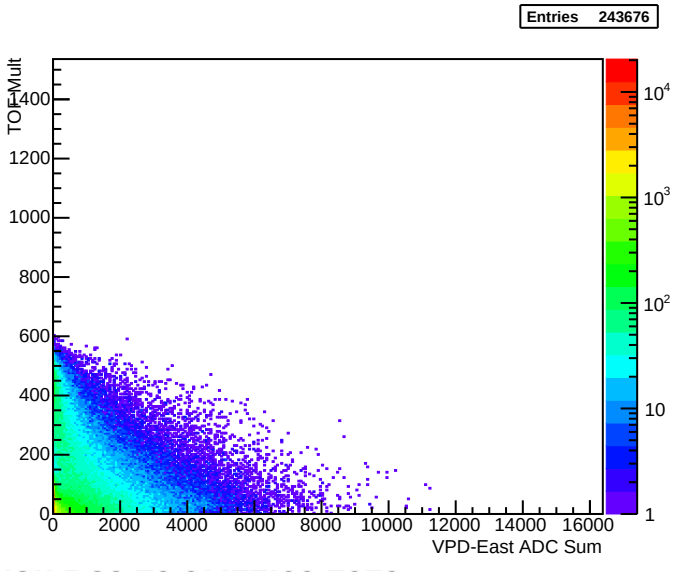

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

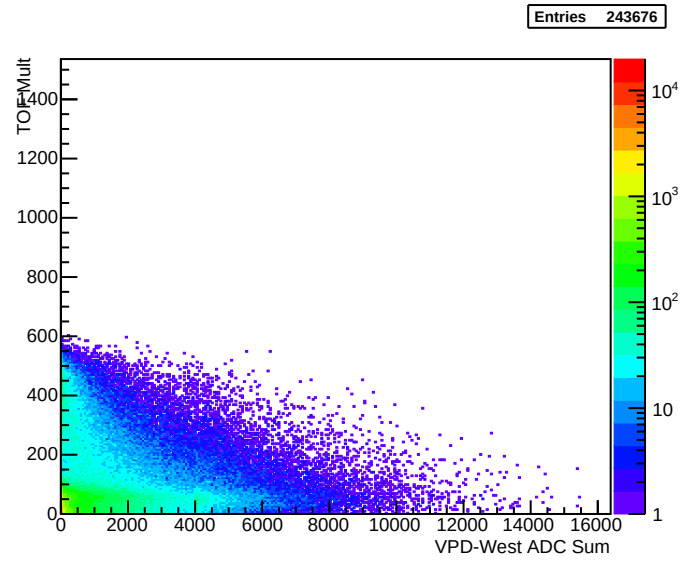

Entries 243676
TOF-Mult
BBC-S-East ADC Sum

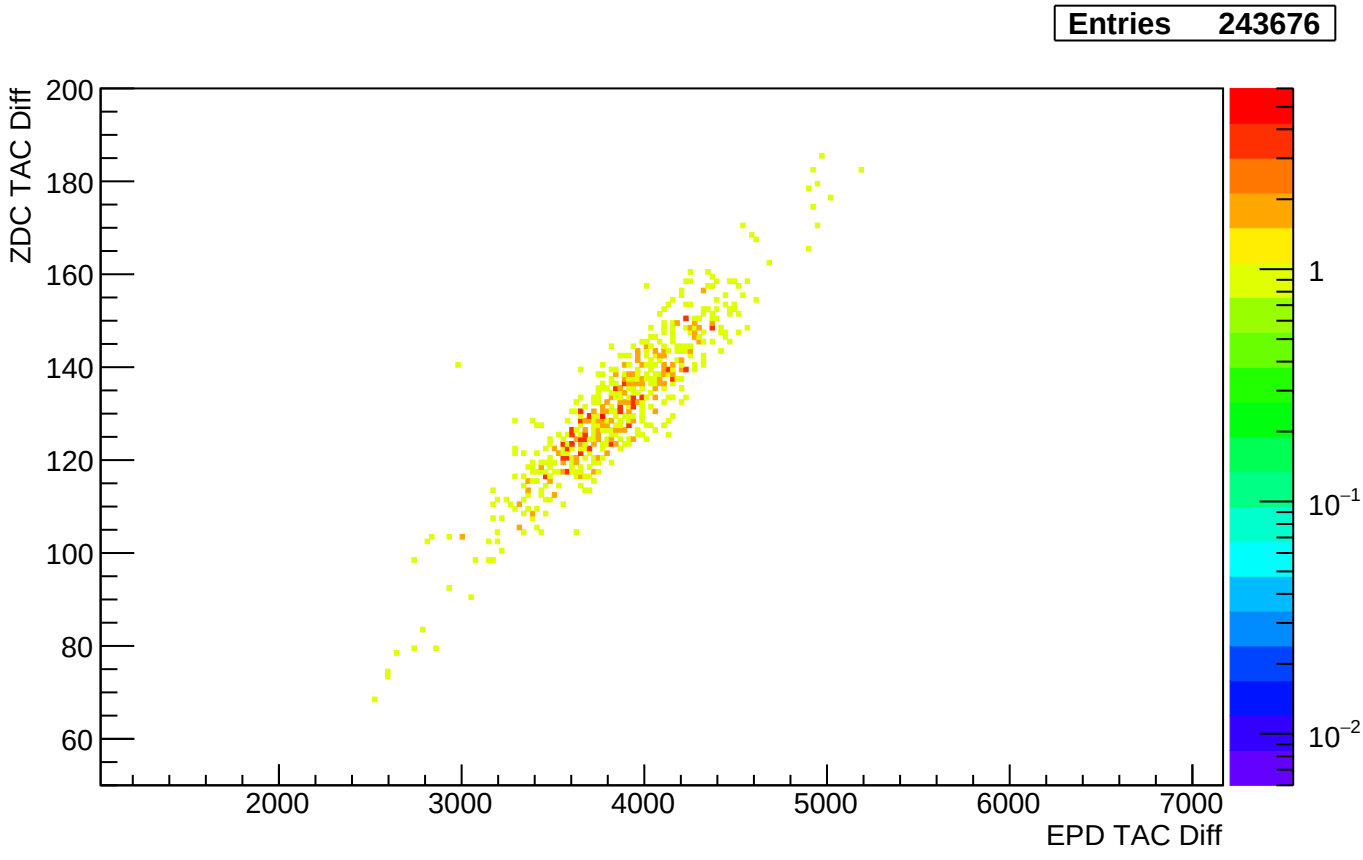

Entries 243676
TOF-Mult
BBC-S-West ADC Sum

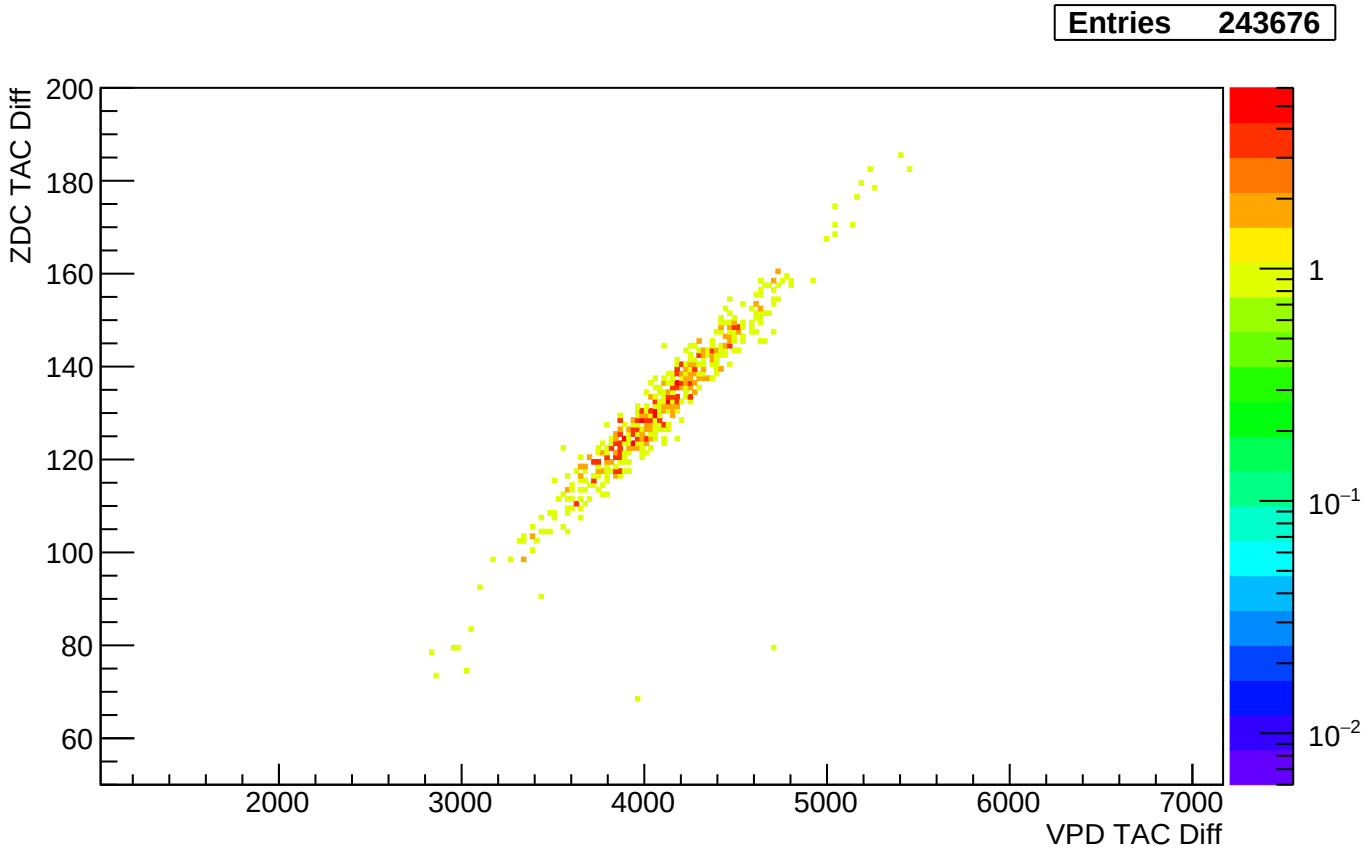

Entries 243676
TOF-Mult
EPD-East Hit Cnt

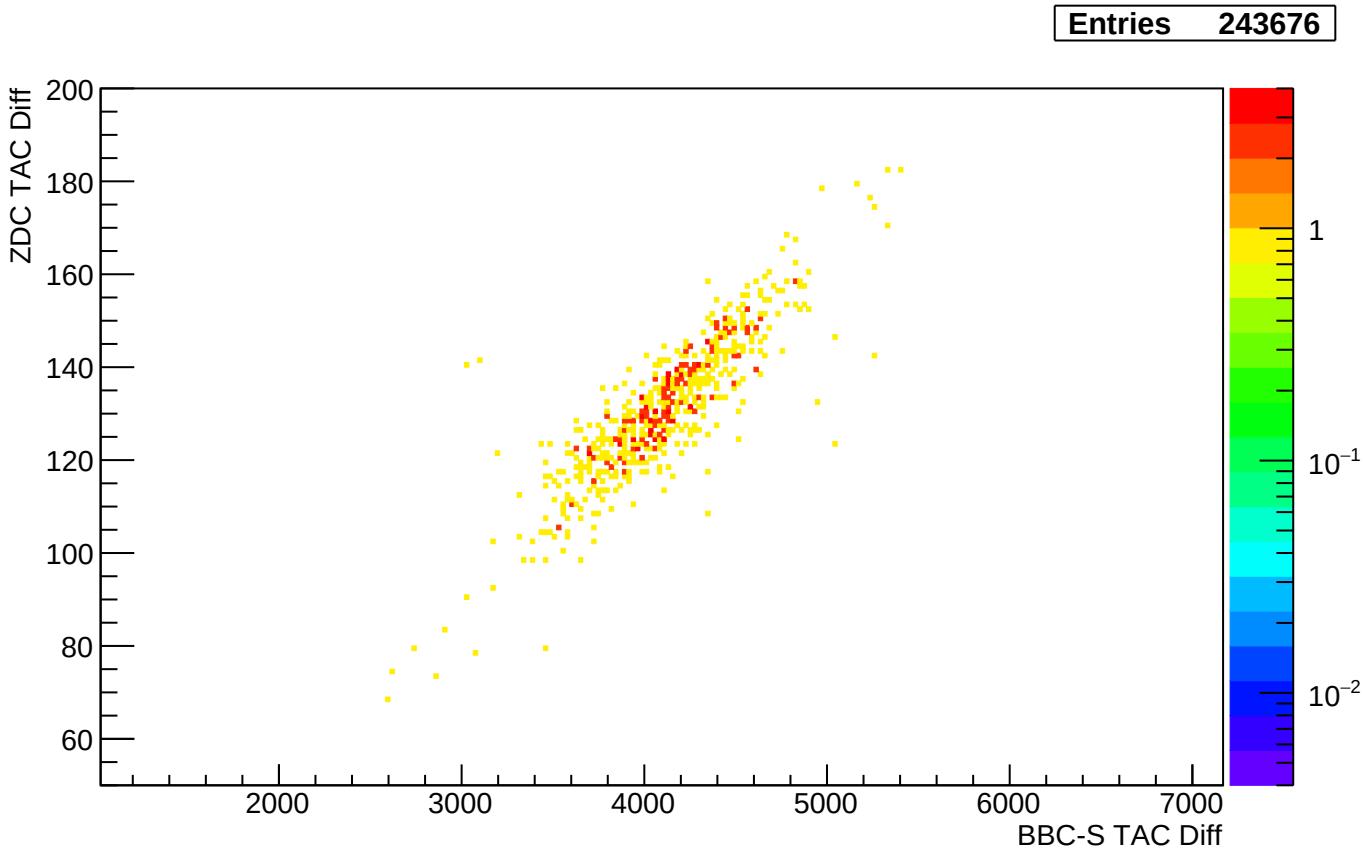

Entries 243676
TOF-Mult
EPD-West Hit Cnt

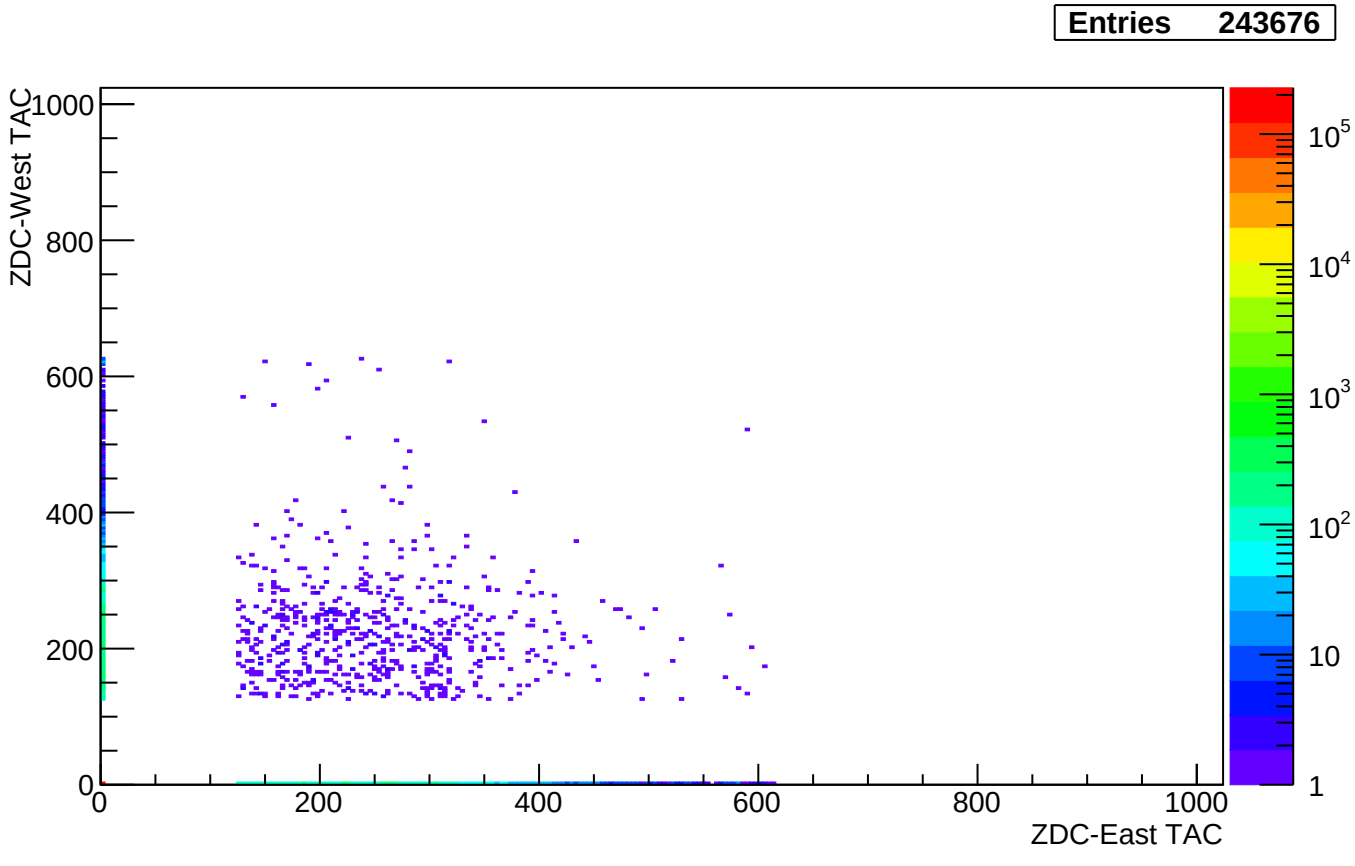

Entries 243676
TOF-Mult
VPD-East ADC Sum

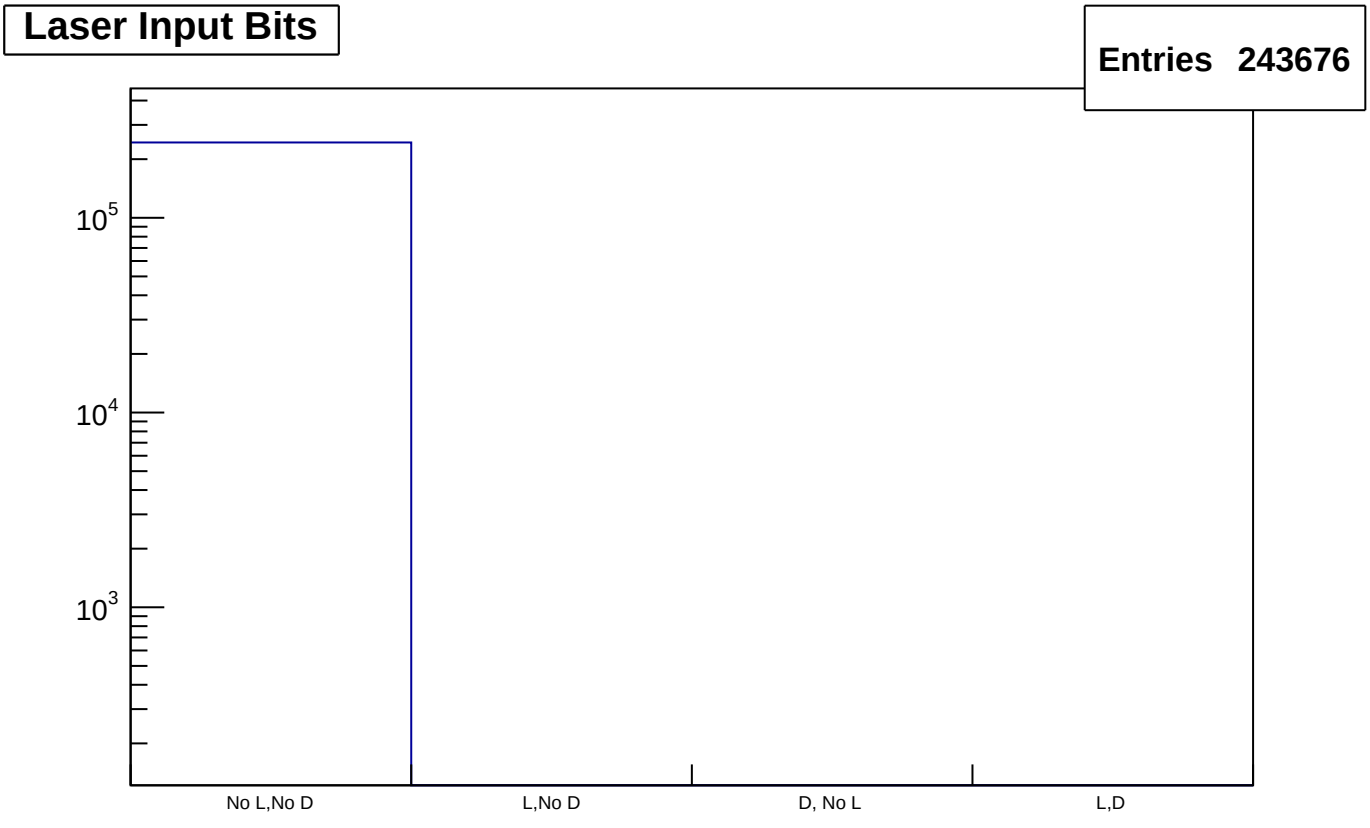

Entries 243676
TOF-Mult
VPD-West ADC Sum

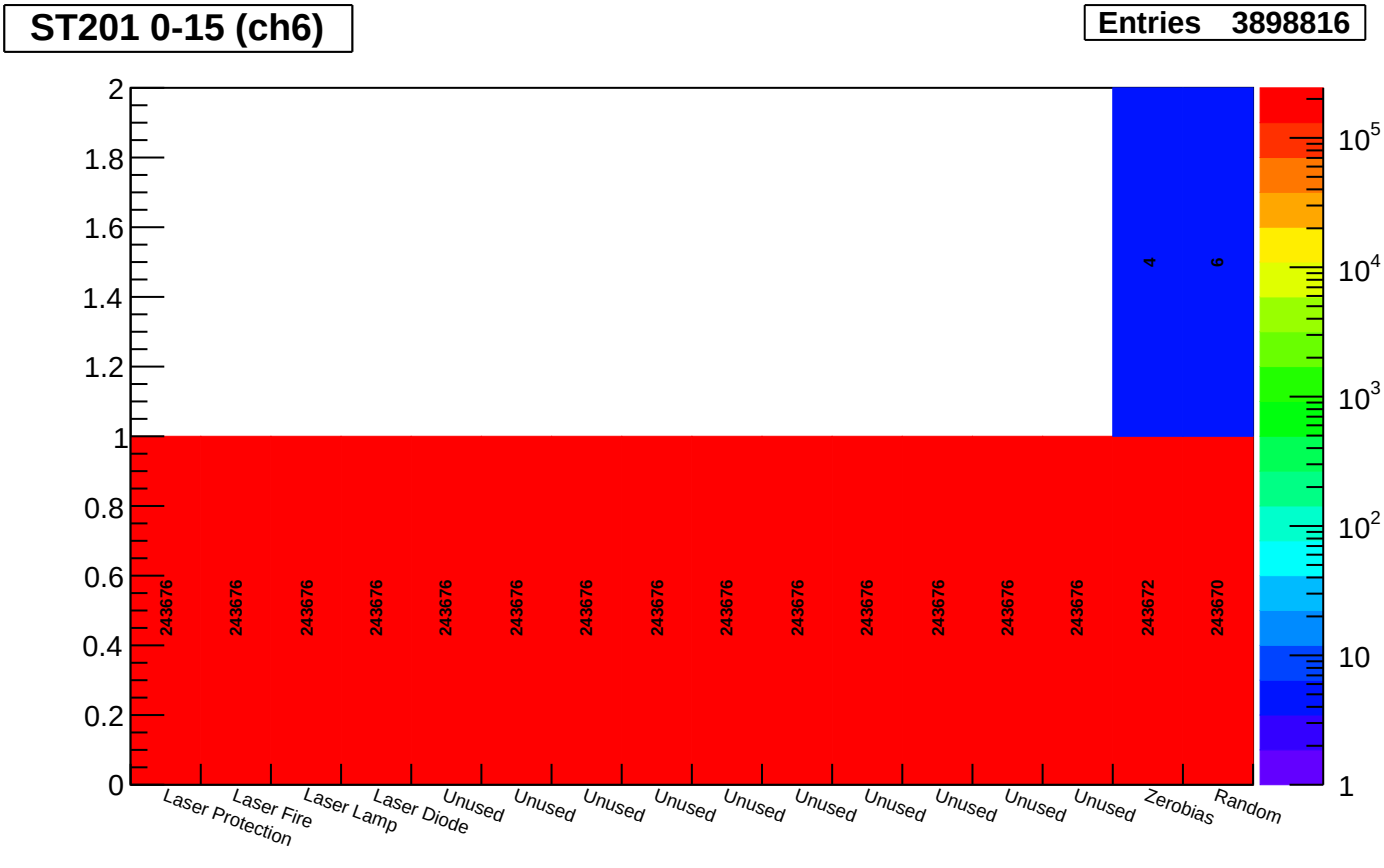

Entries 243676
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

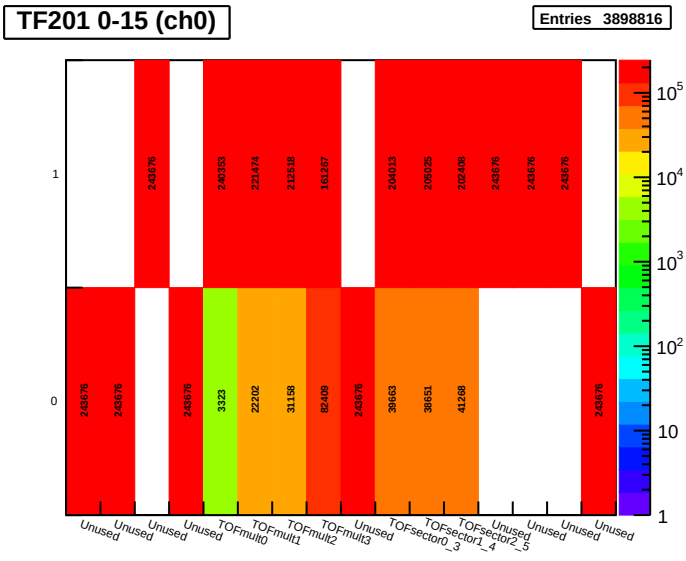

Entries 243676
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

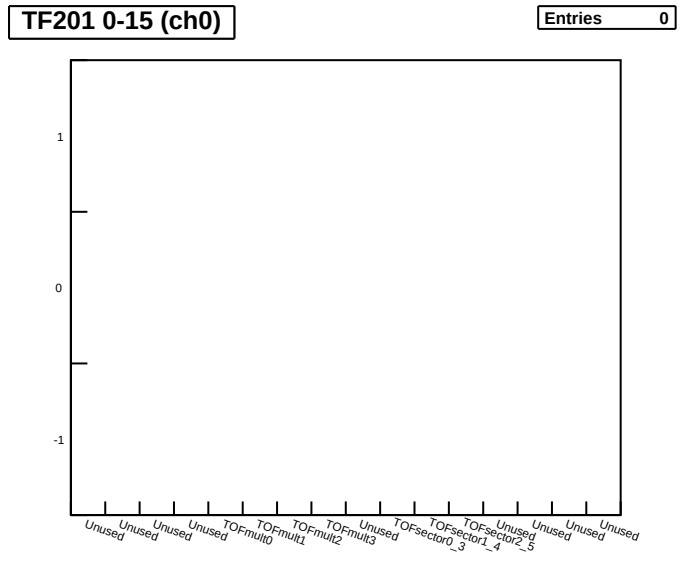

Entries 243676
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

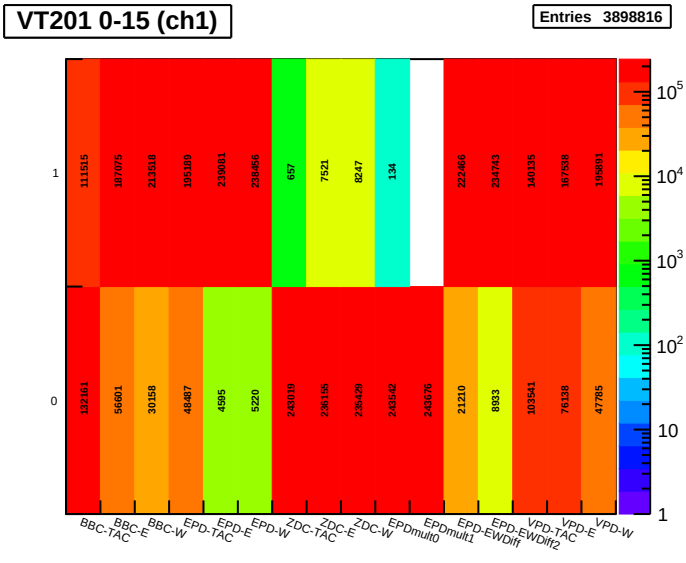

Entries 243676
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

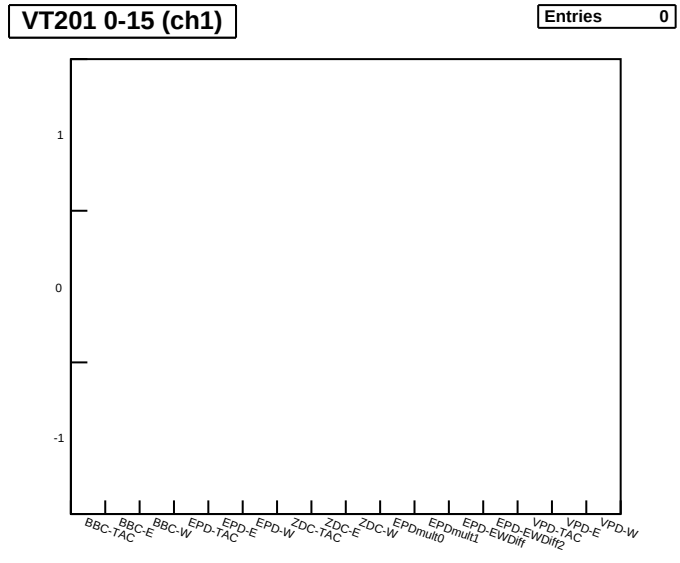

Laser Input Bits
Entries 243676
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

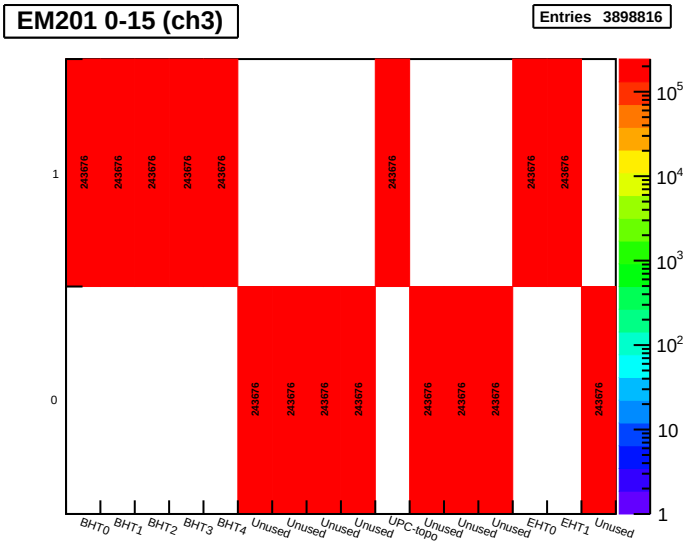

ST201 0-15 (ch6)
Entries 3898816
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
243676
243676
243676
243676
243676
243676
243676
243676
243676
243676
243676
243676
243676
243676
243672
243670
4
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

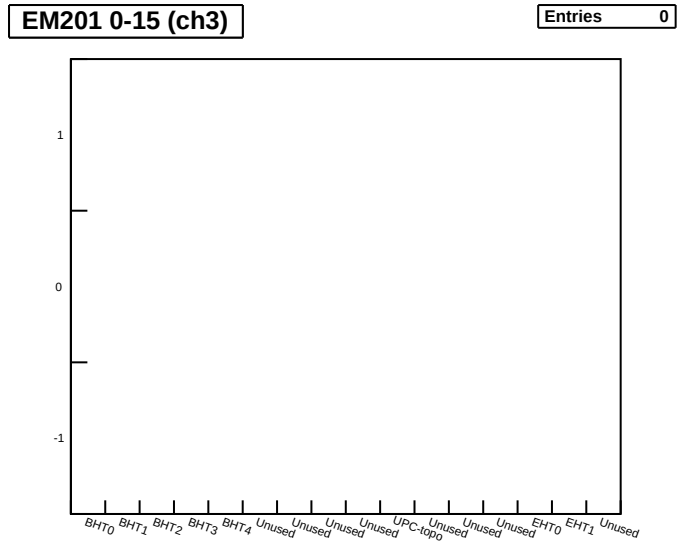

TF201 0-15 (ch0)
Entries 3898816
1
0
243676
240353
221474
212518
161267
204013
205025
202408
243676
243676
243676
243676
243676
243676
3323
22202
31158
82409
243676
39663
38651
41268
243676
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 3898816
1
0
111515
187075
213518
195189
230081
238456
657
7521
8247
134
222466
234743
140135
167538
196891
132161
56601
30158
48487
4595
5220
243019
238155
235429
243542
243676
21210
8933
103541
76138
47785
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 3898816
1
0
243676
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