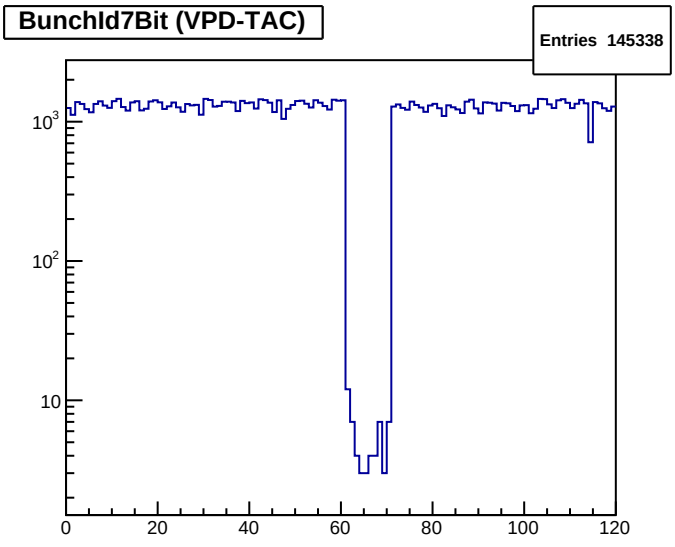
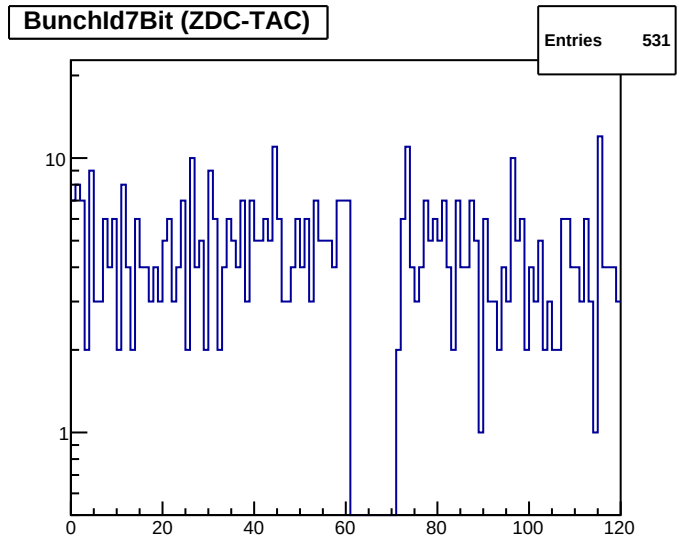
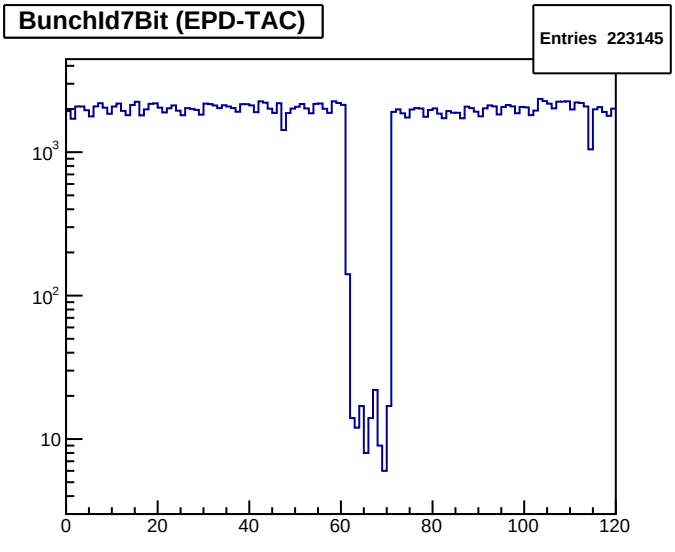
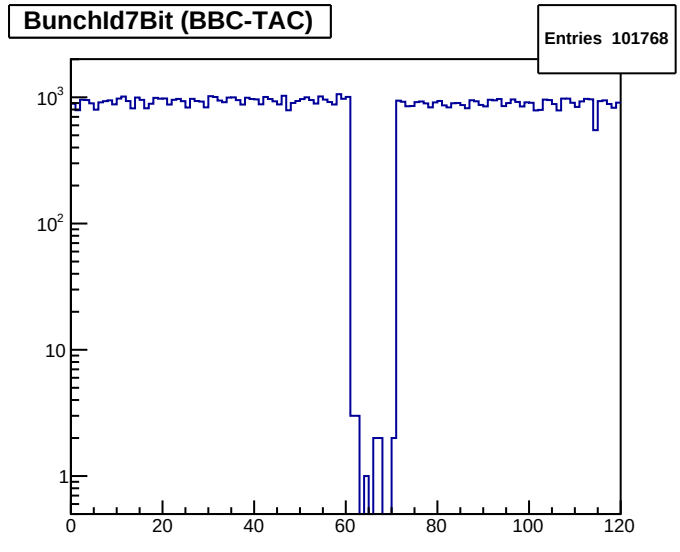
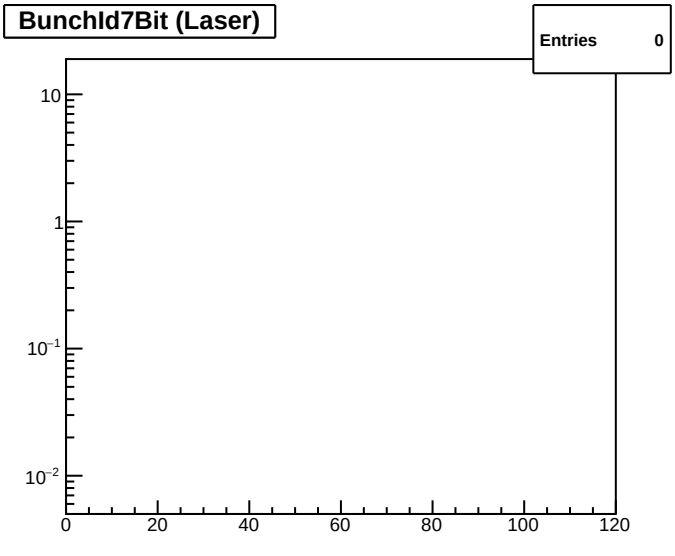
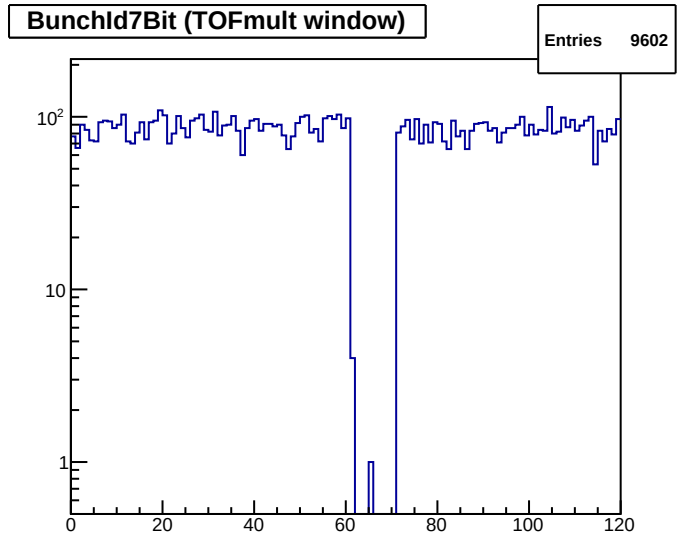

BunchId7Bit (VPD-TAC)
Entries 145338

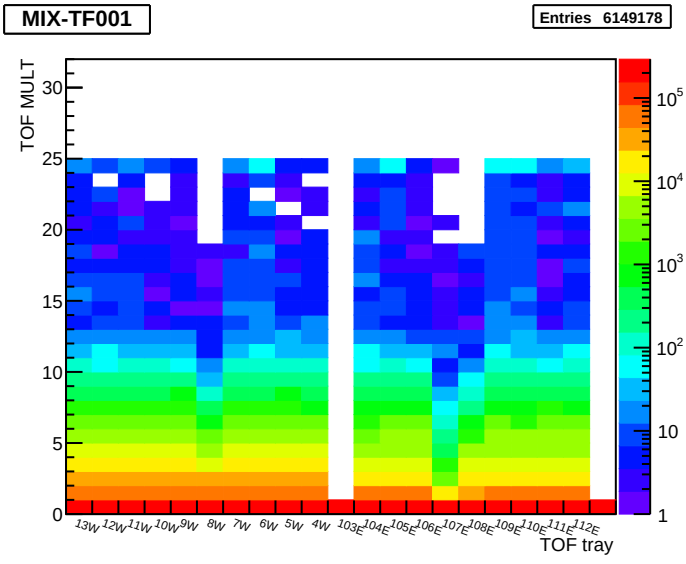

BunchId7Bit (ZDC-TAC)
Entries 531

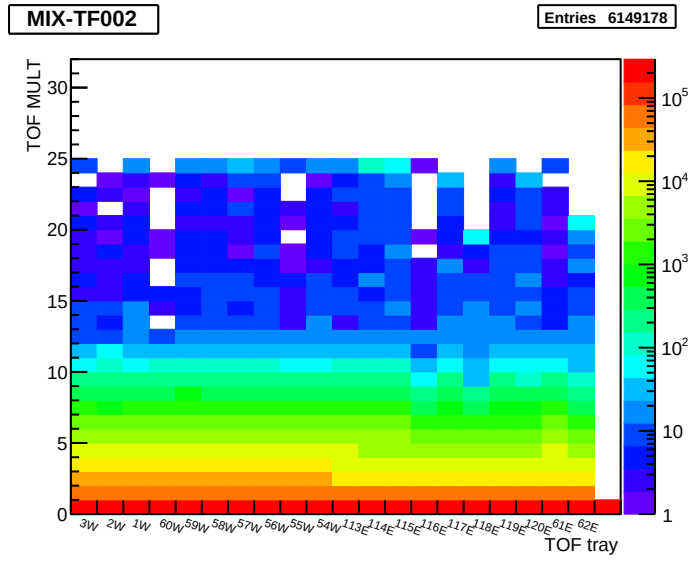

BunchId7Bit (EPD-TAC)
Entries 223145

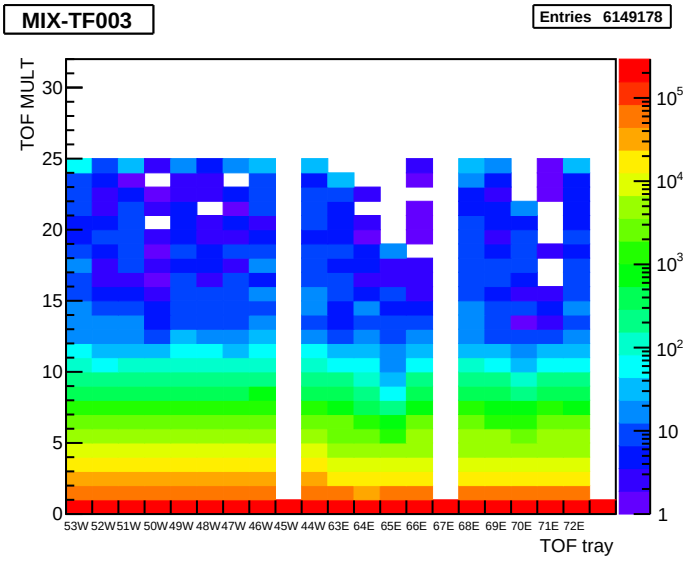

BunchId7Bit (BBC-TAC)
Entries 101768

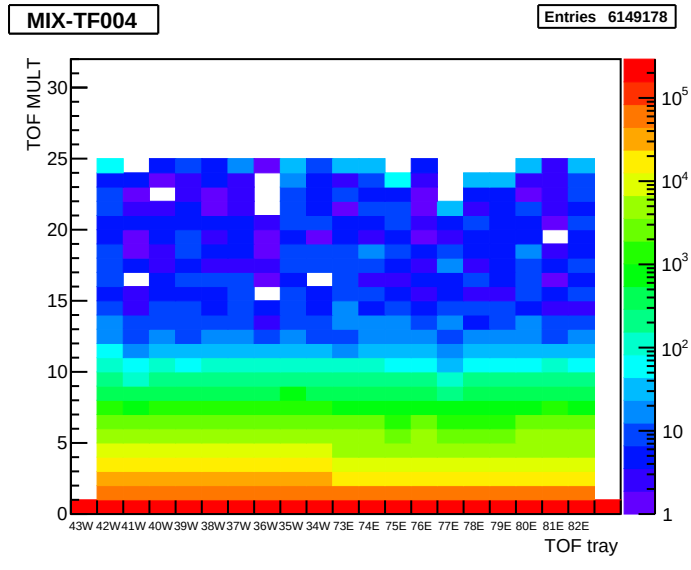

BunchId7Bit (Laser)
Entries 0

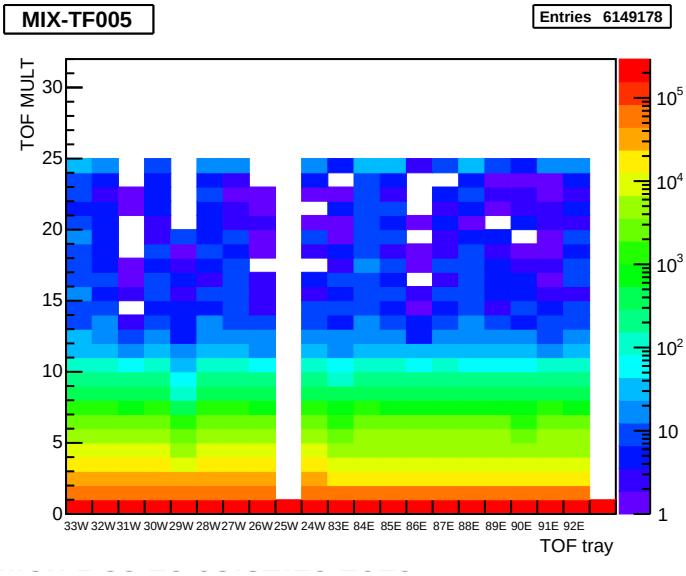

BunchId7Bit (TOFmult window)
Entries 9602

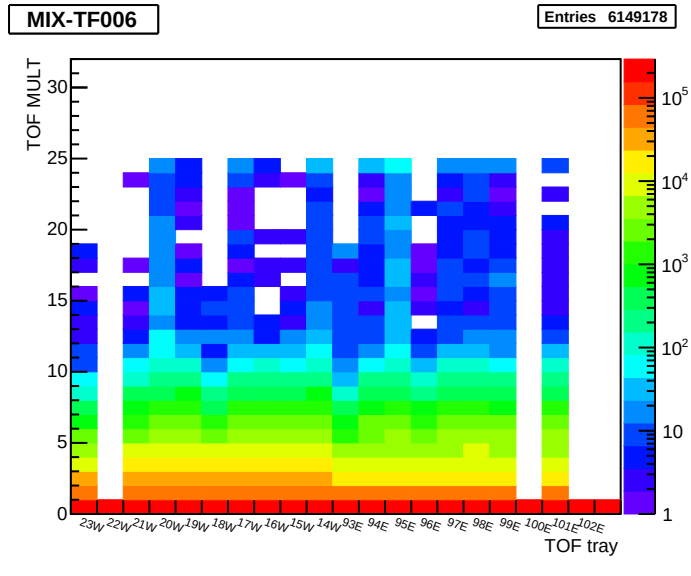

MIX-TF001
Entries 6149178
TOF MULT
TOF tray

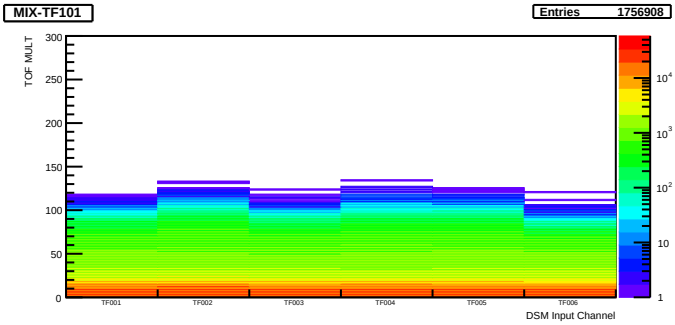

MIX-TF002
Entries 6149178
TOF MULT
TOF tray

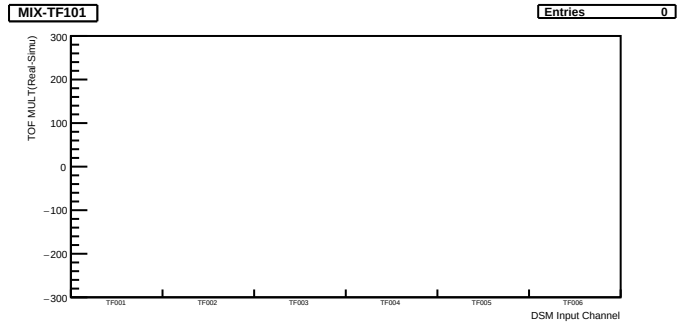

MIX-TF003
Entries 6149178
TOF MULT
TOF tray

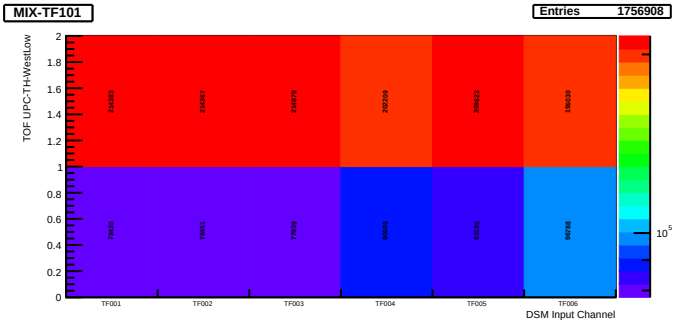

MIX-TF004
Entries 6149178
TOF MULT
TOF tray

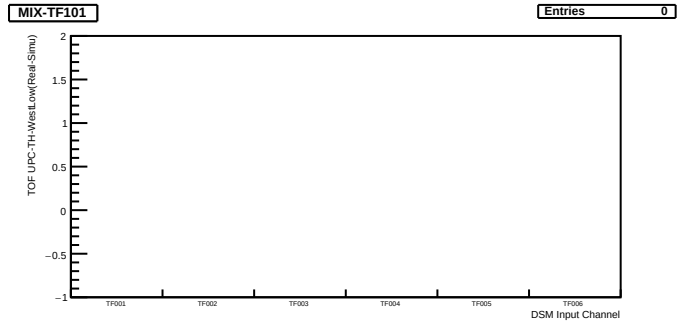

MIX-TF005
Entries 6149178
TOF MULT
TOF tray

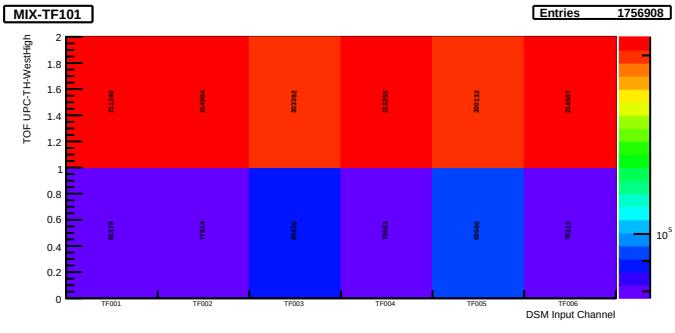

MIX-TF006
Entries 6149178
TOF MULT
TOF tray

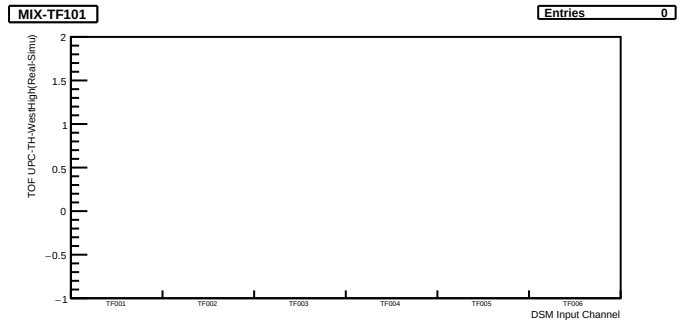

MIX-TF101
Entries 1756908
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

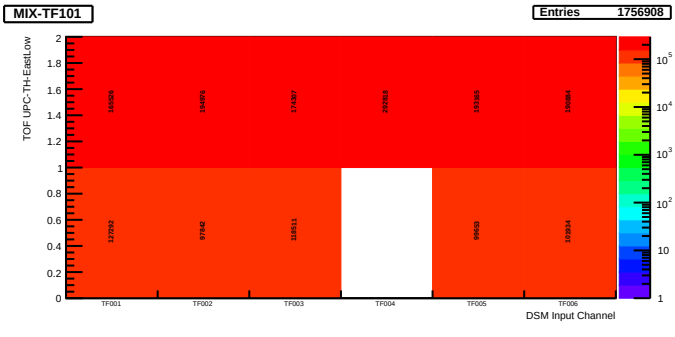

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

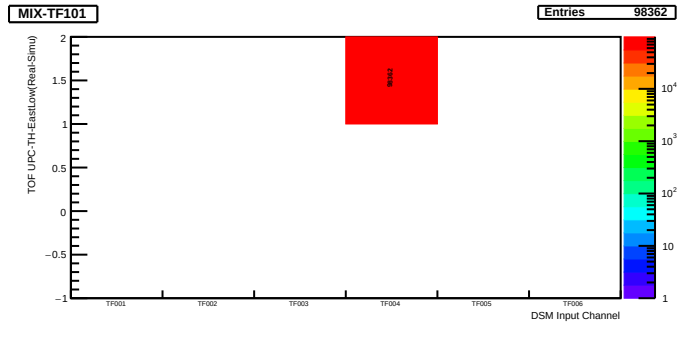

MIX-TF101
Entries 1756908
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

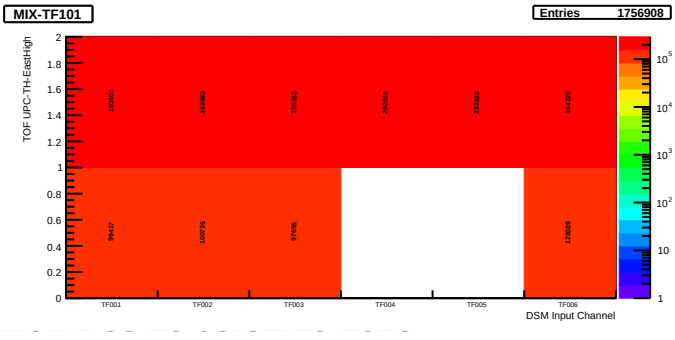

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

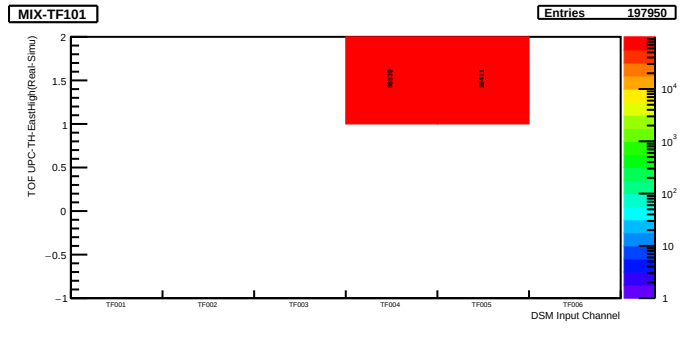

MIX-TF101
Entries 1756908
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

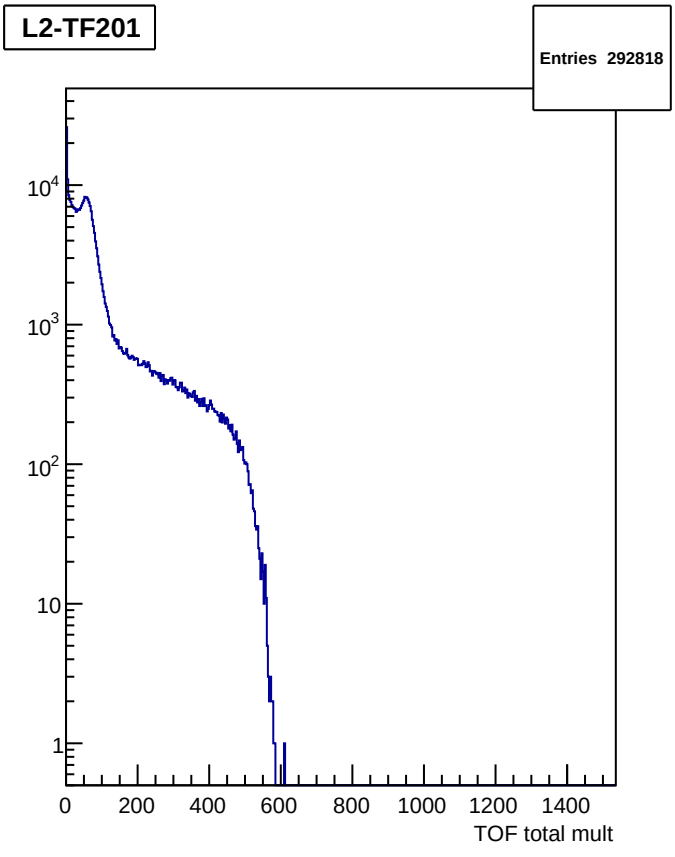

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

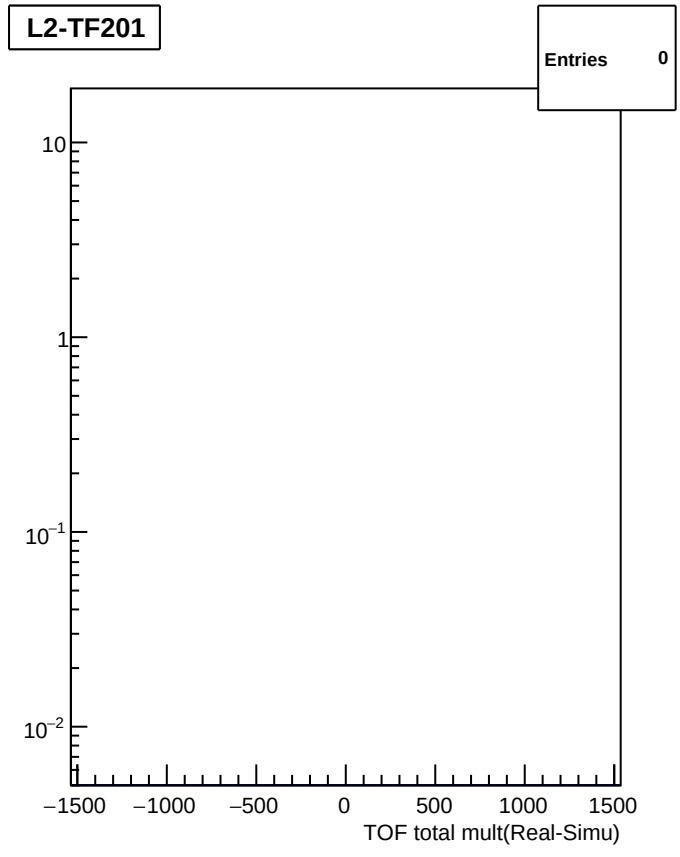

MIX-TF101
Entries 1756908
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

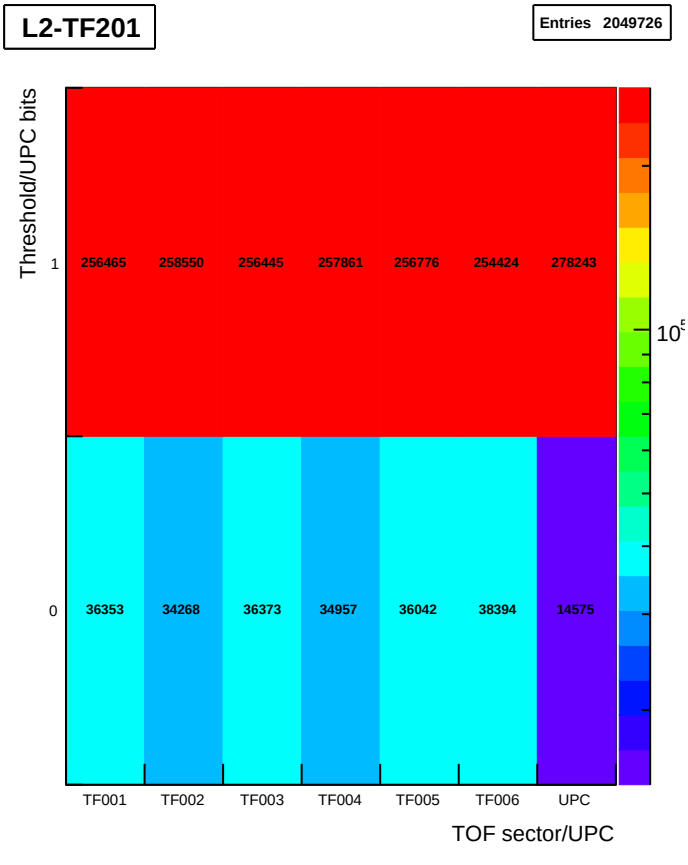

MIX-TF101
Entries 98362
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

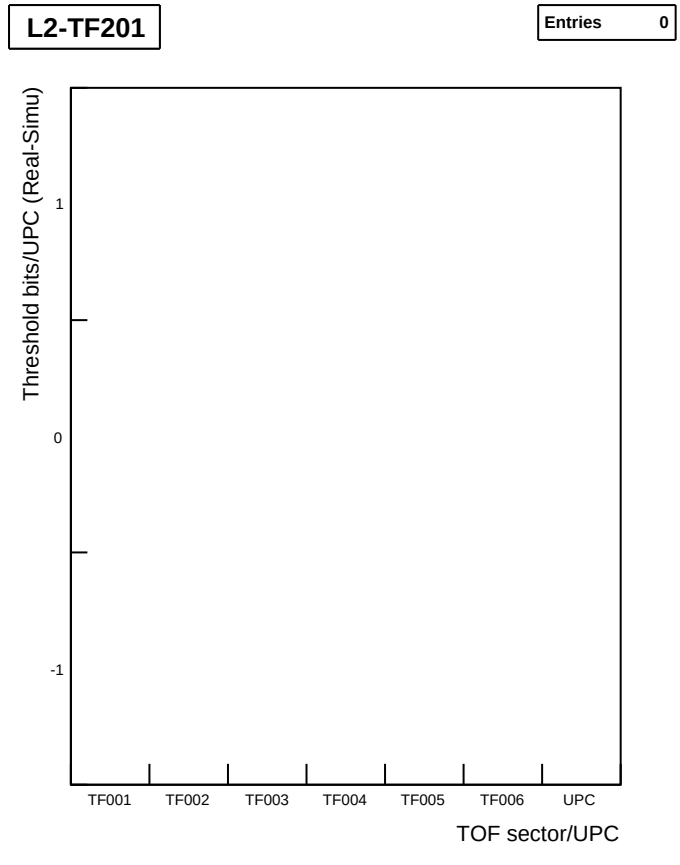

MIX-TF101
Entries 1756908
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

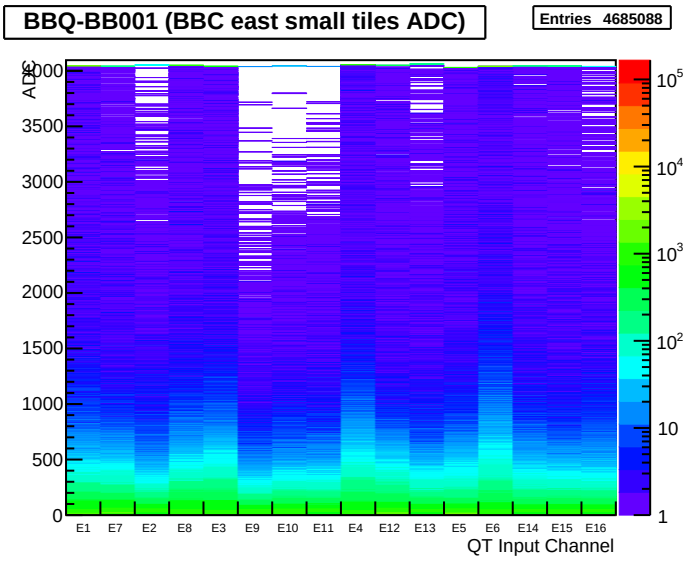

MIX-TF101
Entries 197950
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

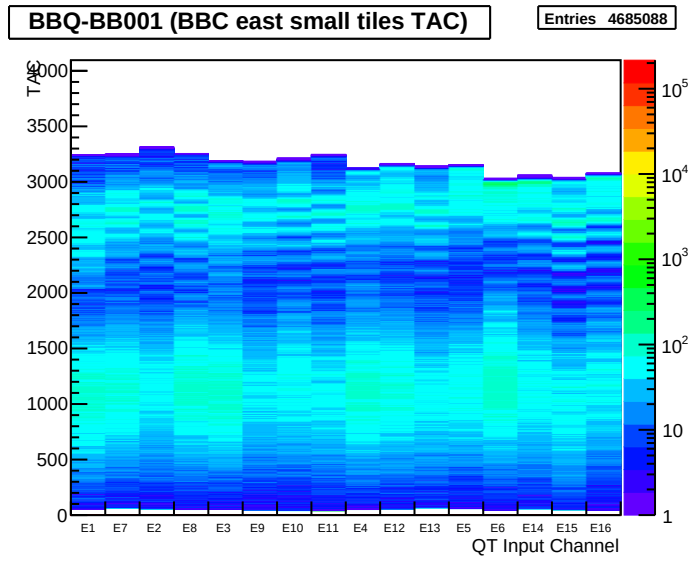

L2-TF201
Entries 292818
TOF total mult

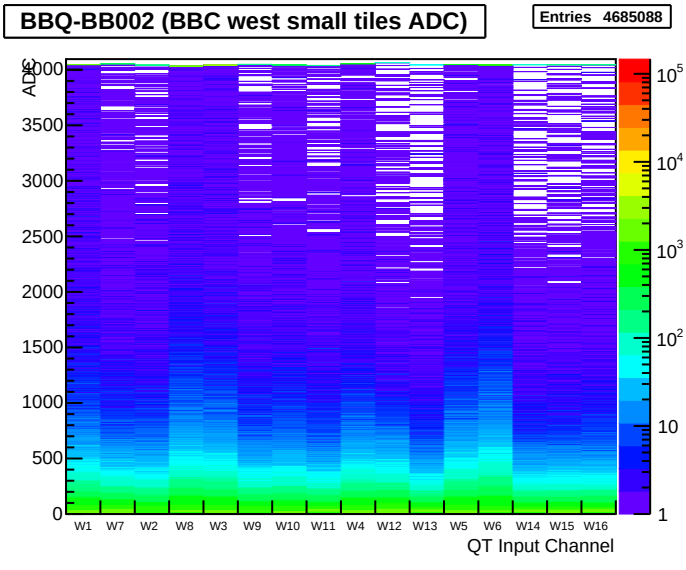

L2-TF201
Entries 0
TOF total mult(Real-Simu)

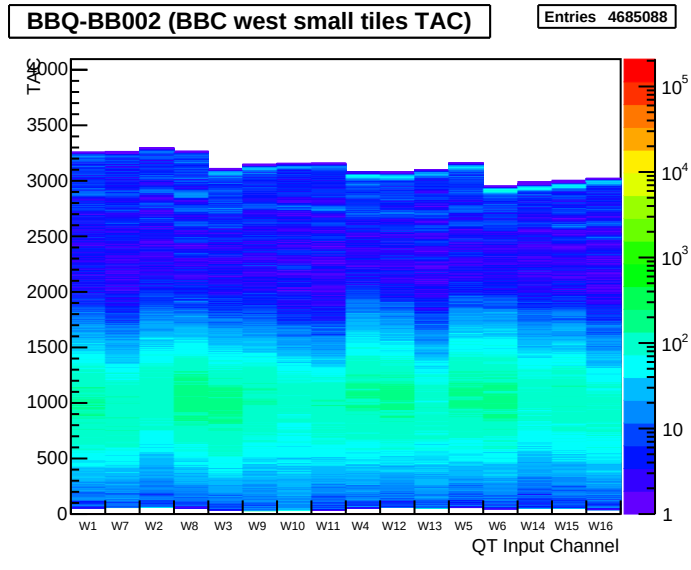

L2-TF201
Entries 2049726
Threshold/UPC bits
256465
258550
256445
257861
256776
254424
278243
36353
34268
36373
34957
36042
38394
14575
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

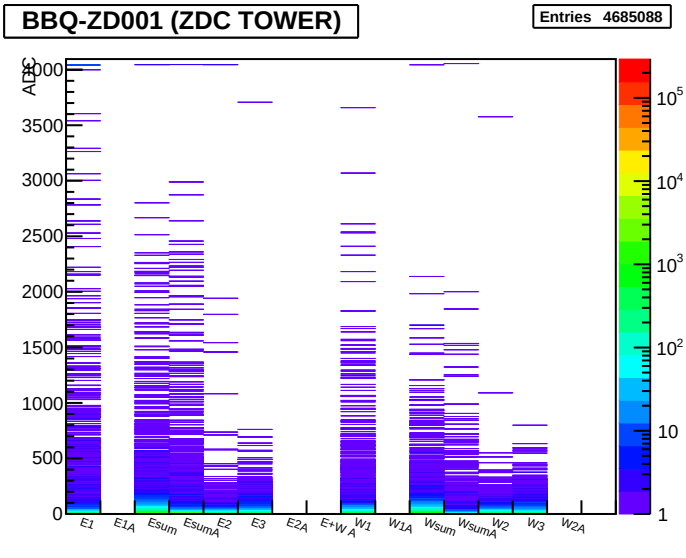

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

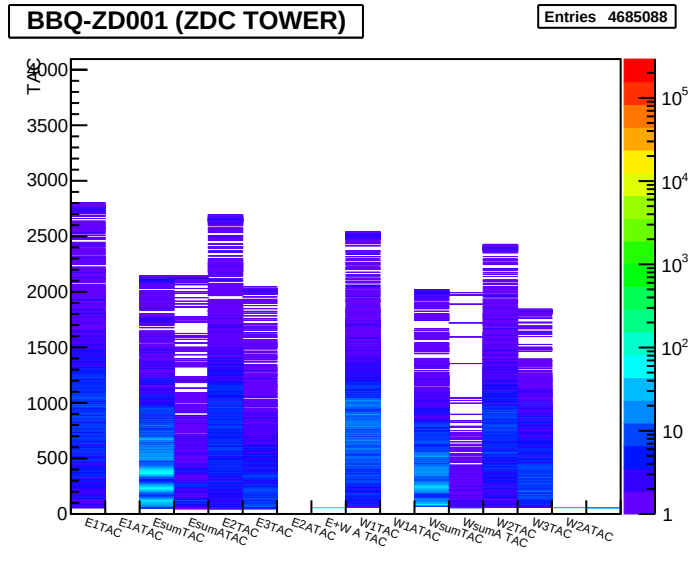

BBQ-BB001 (BBC east small tiles ADC)
Entries 4685088
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

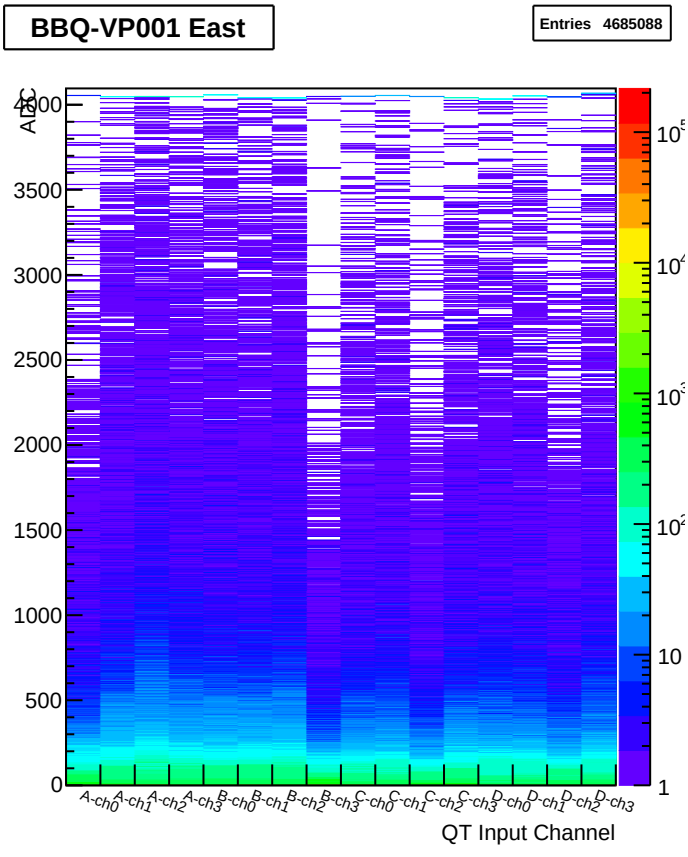

BBQ-BB001 (BBC east small tiles TAC)
Entries 4685088
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

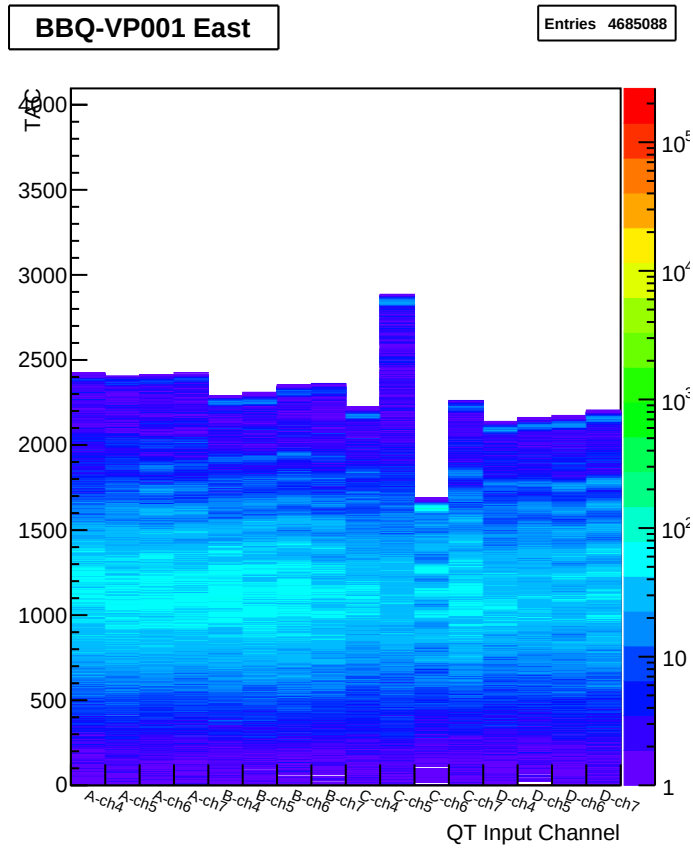

BBQ-BB002 (BBC west small tiles ADC)
Entries 4685088
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

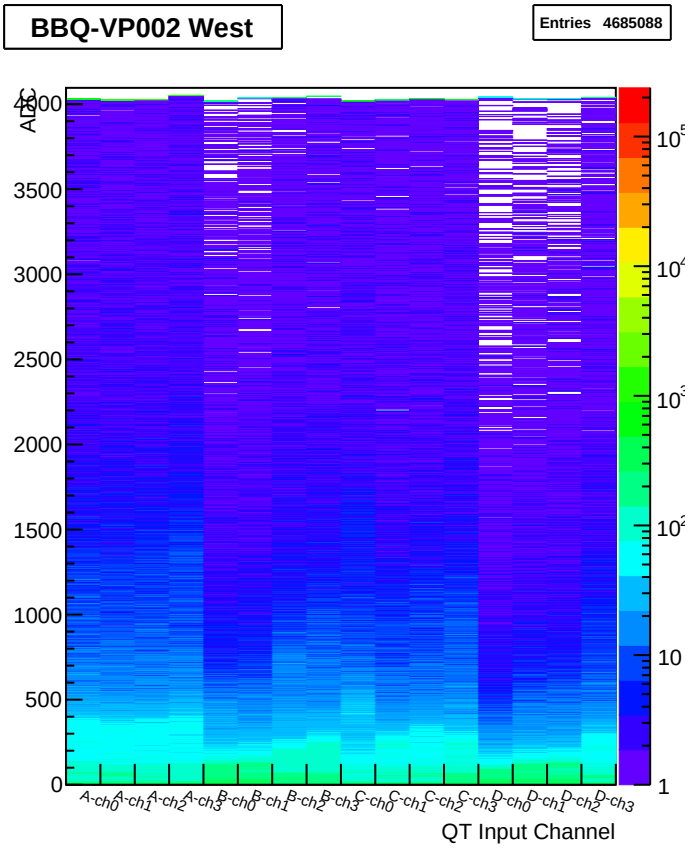

BBQ-BB002 (BBC west small tiles TAC)
Entries 4685088
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

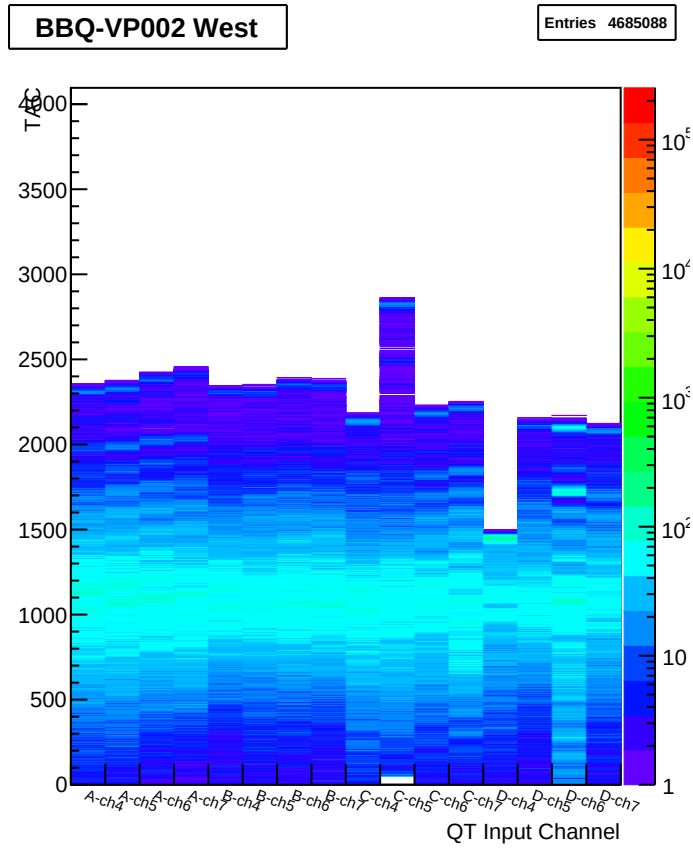

BBQ-ZD001 (ZDC TOWER)
Entries 4685088
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

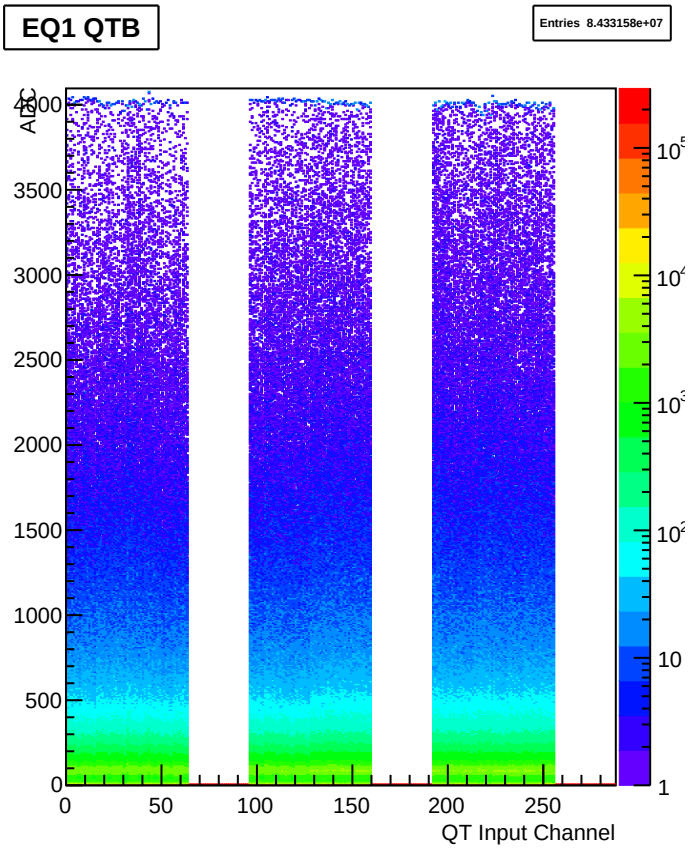

BBQ-ZD001 (ZDC TOWER)
Entries 4685088
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

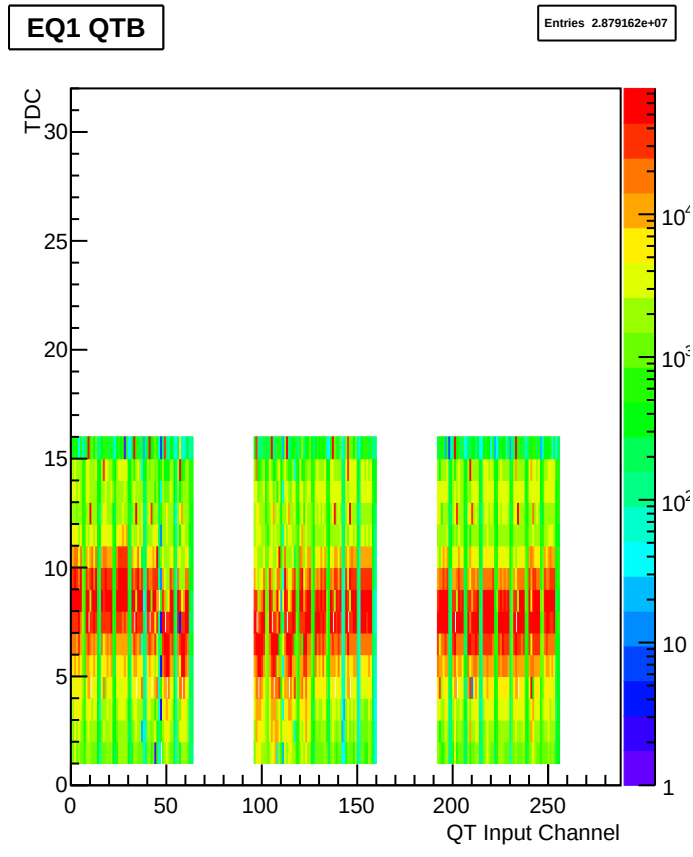

BBQ-VP001 East
Entries 4685088
ADC
QT Input Channel

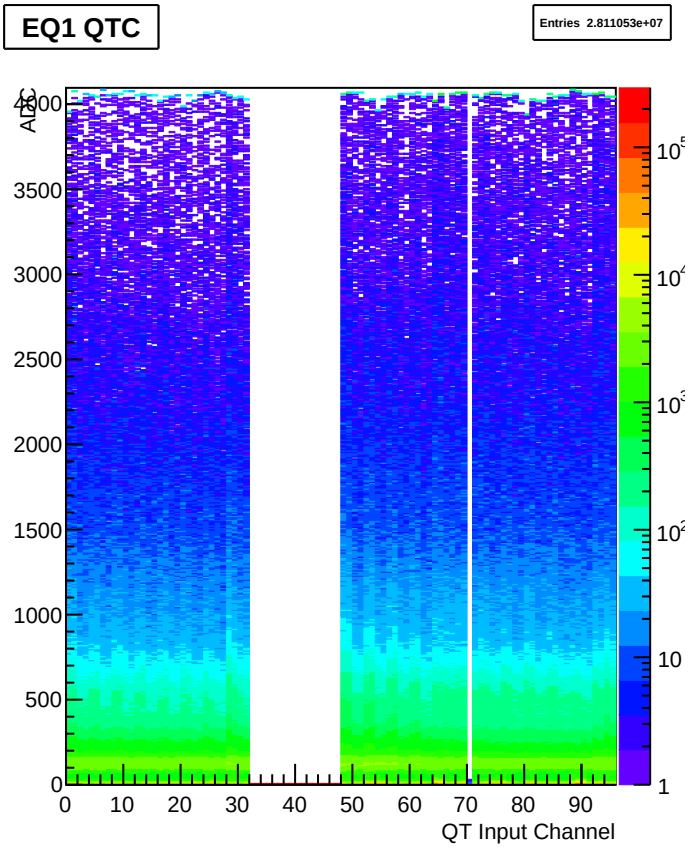

BBQ-VP001 East
Entries 4685088
TADC
QT Input Channel

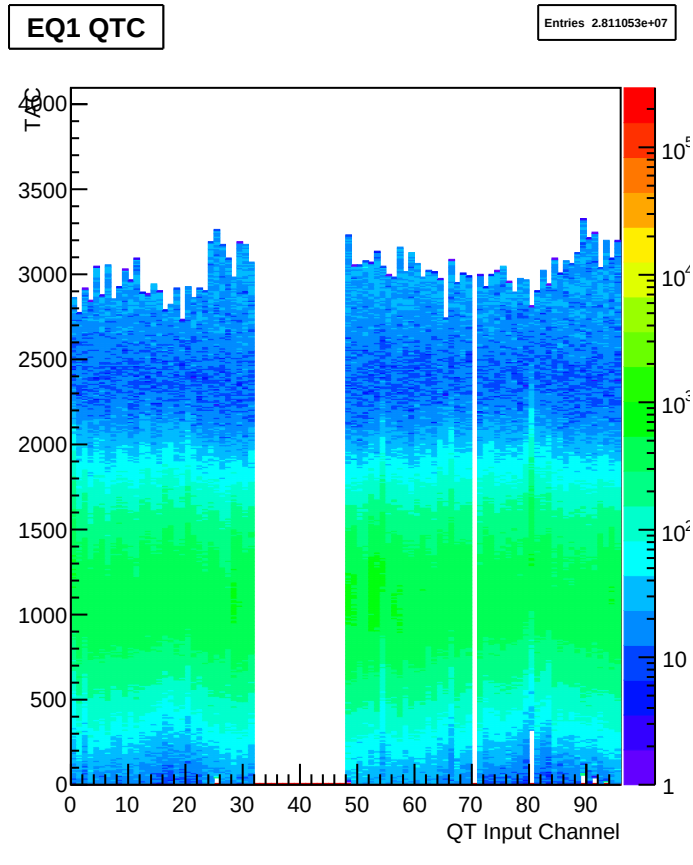

BBQ-VP002 West
Entries 4685088
ADC
QT Input Channel

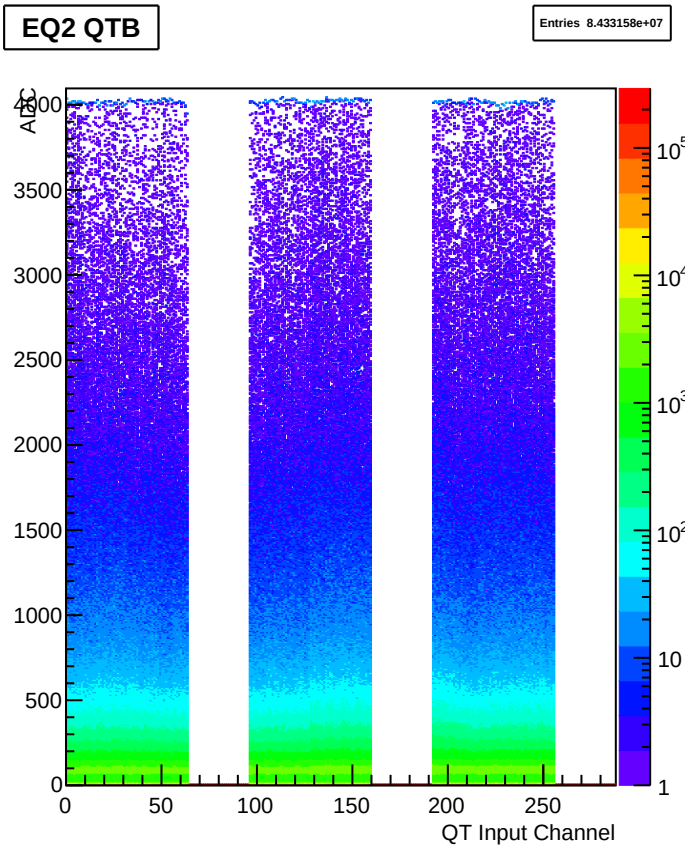

BBQ-VP002 West
Entries 4685088
TADC
QT Input Channel

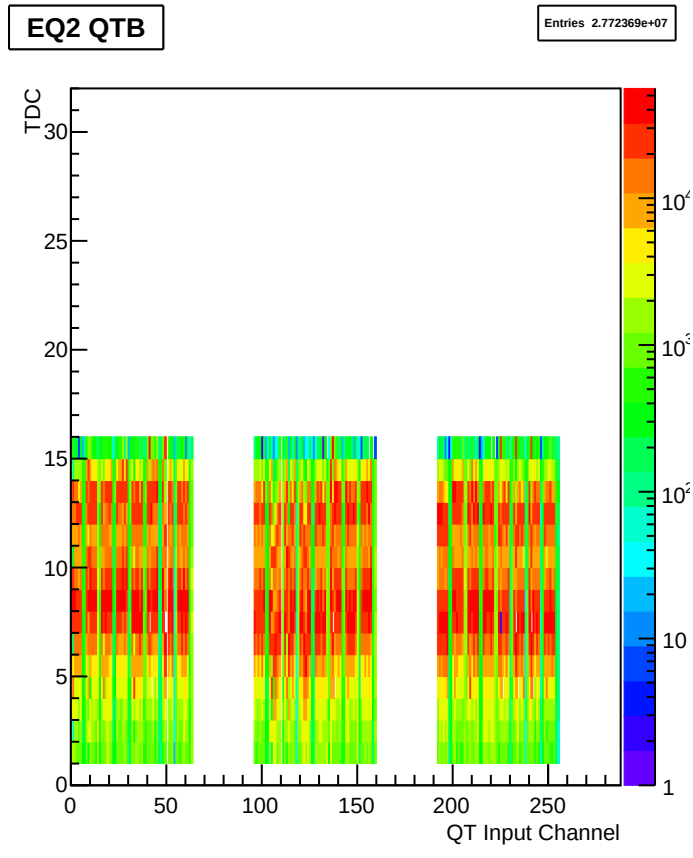

EQ1 QTB
Entries 8.433158e+07
ADC
QT Input Channel

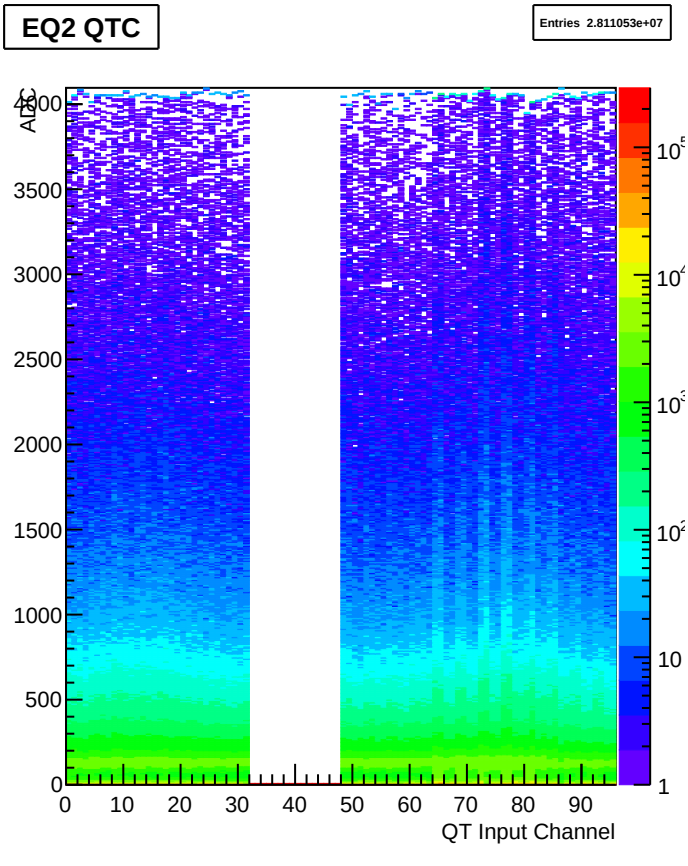

EQ1 QTB
Entries 2.879162e+07
TDC
QT Input Channel

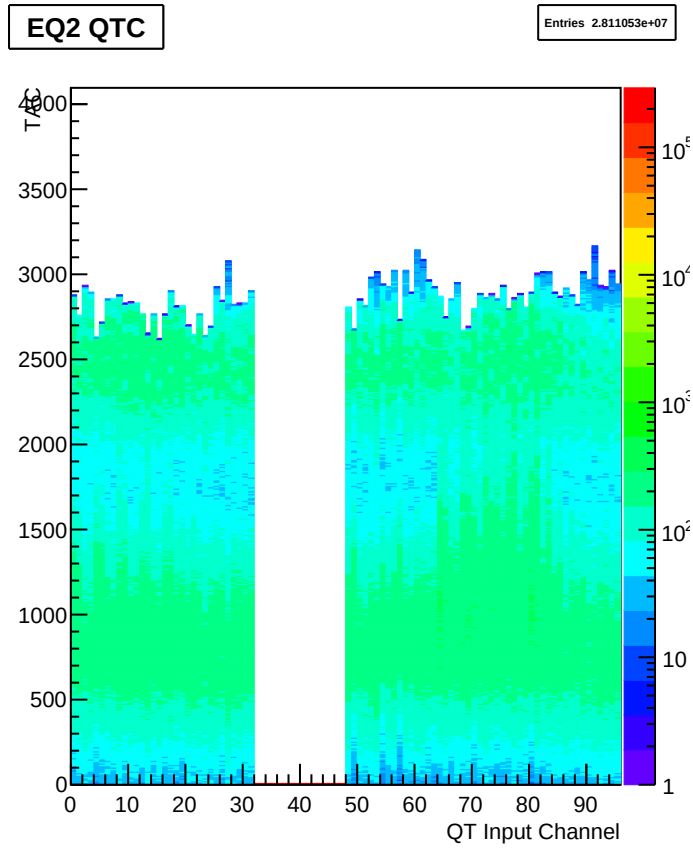

EQ1 QTC
Entries 2.811053e+07
ADC
QT Input Channel

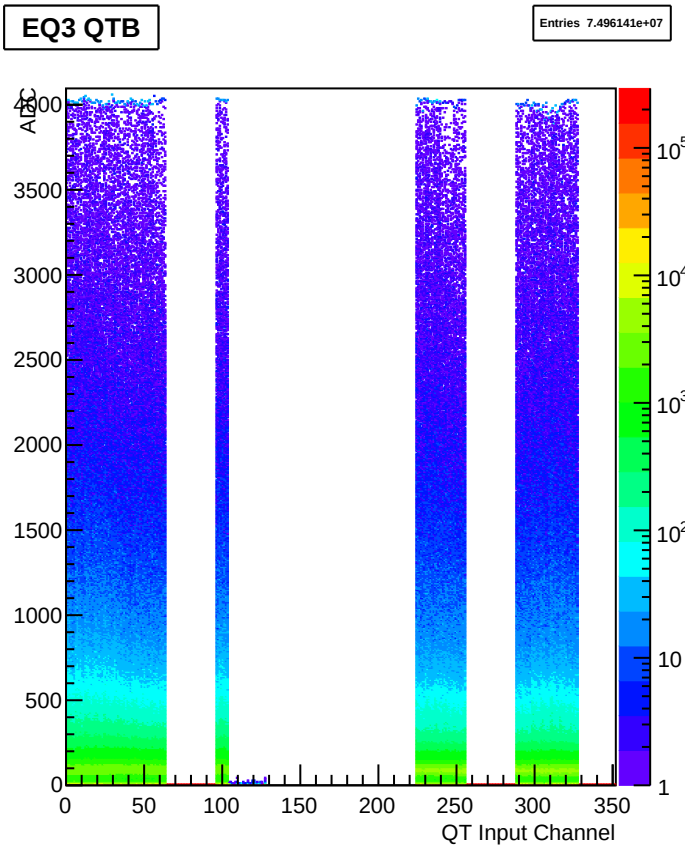

EQ1 QTC
Entries 2.811053e+07
TADC
QT Input Channel

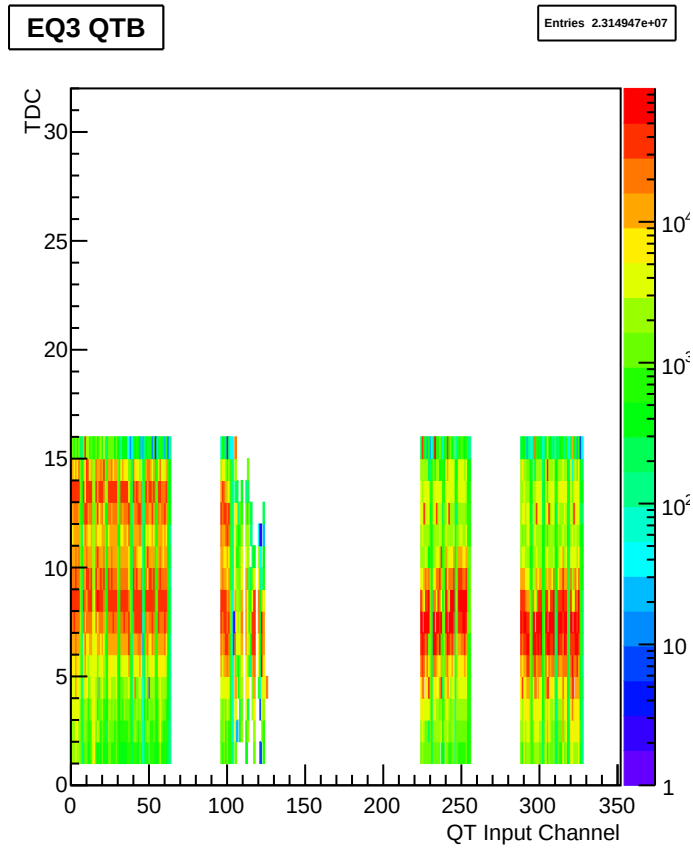

EQ2 QTB
Entries 8.433158e+07
ADC
QT Input Channel

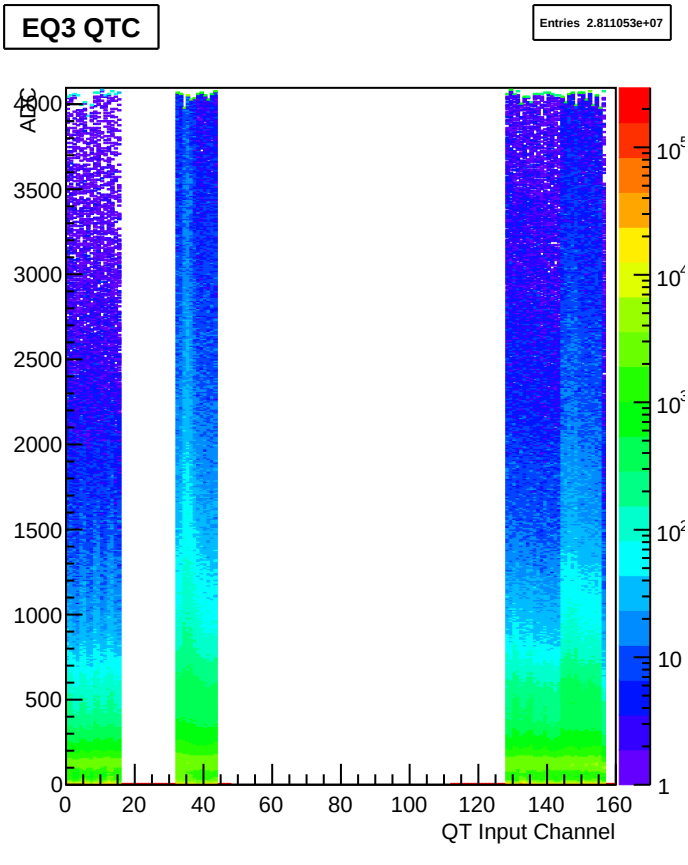

EQ2 QTB
Entries 2.772369e+07
TDC
QT Input Channel

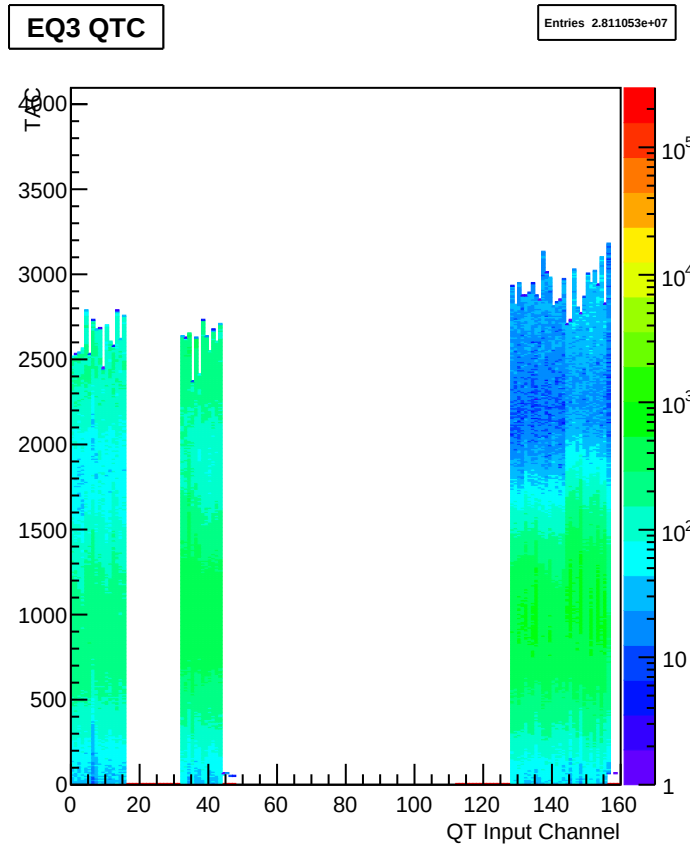

EQ2 QTC
Entries 2.811053e+07
ADC
QT Input Channel

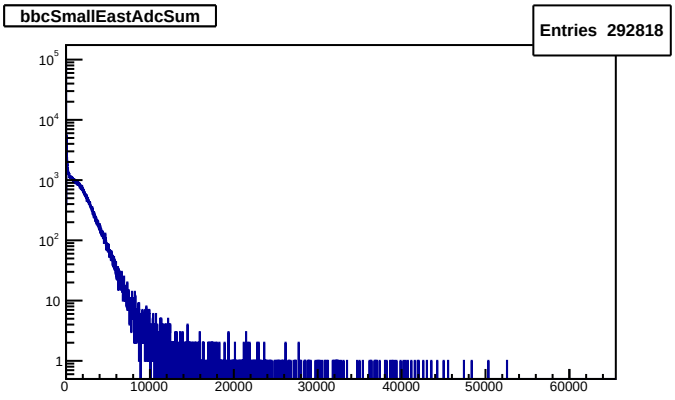

EQ2 QTC
Entries 2.811053e+07
TADC
QT Input Channel

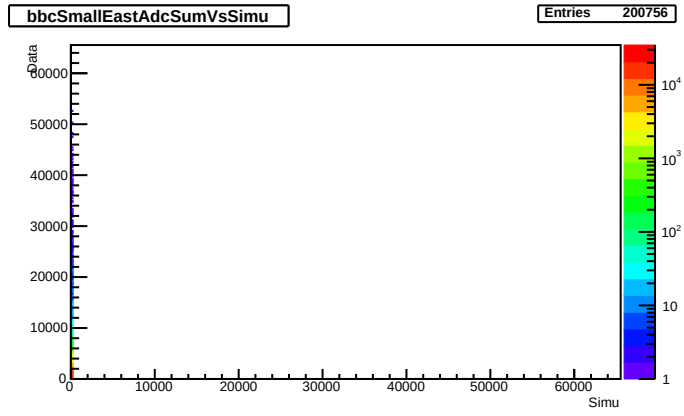

EQ3 QTB
Entries 7.496141e+07
ADC
QT Input Channel

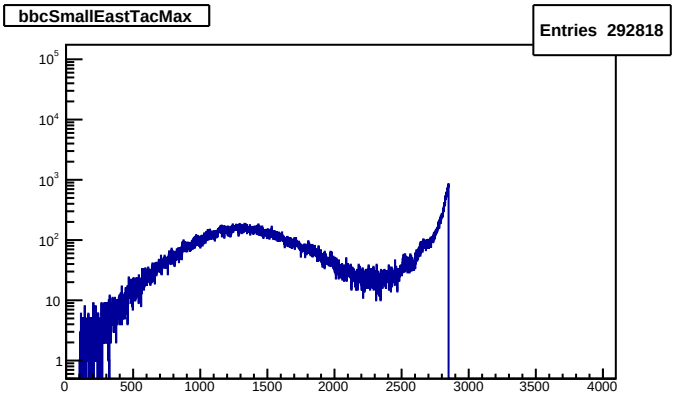

EQ3 QTB
Entries 2.314947e+07
TDC
QT Input Channel

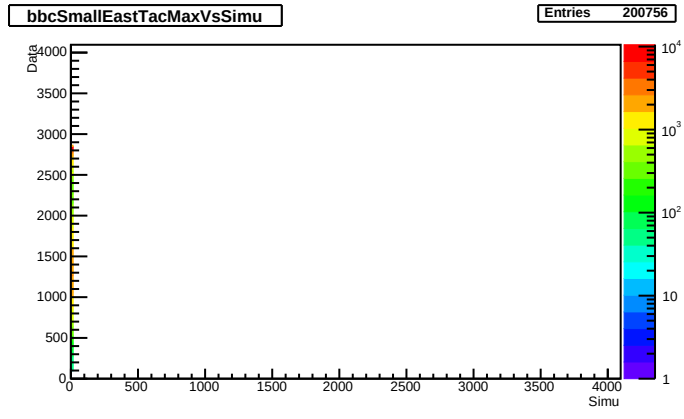

EQ3 QTC
Entries 2.811053e+07
ADC
QT Input Channel

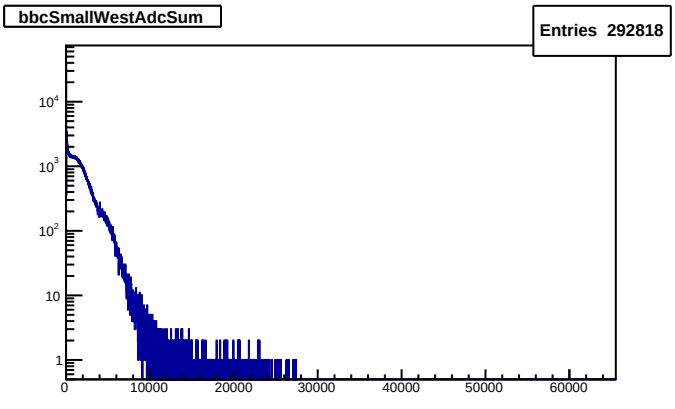

EQ3 QTC
Entries 2.811053e+07
TADC
QT Input Channel

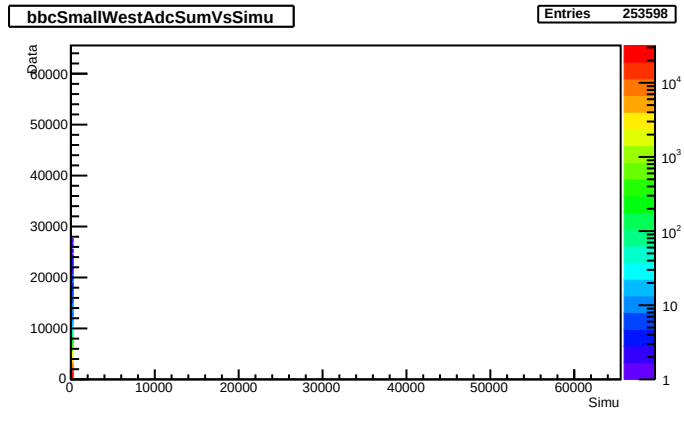

bbcSmallEastAdcSum
Entries 292818

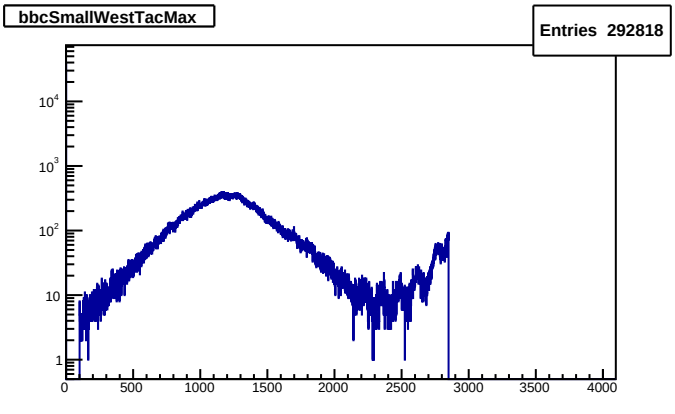

bbcSmallEastAdcSumVsSimu
Entries 200756
Data
Simu

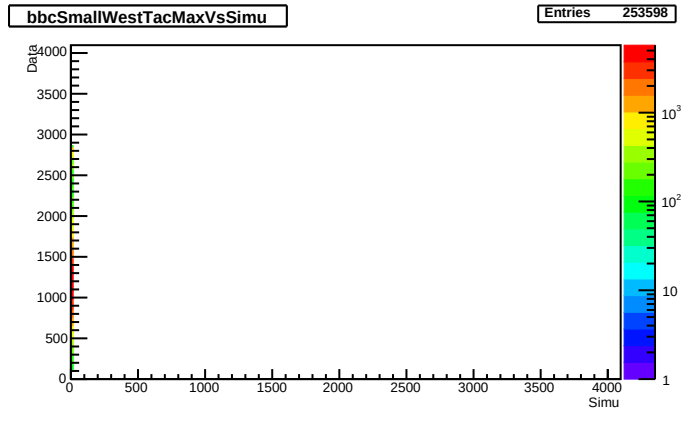

bbcSmallEastTacMax
Entries 292818

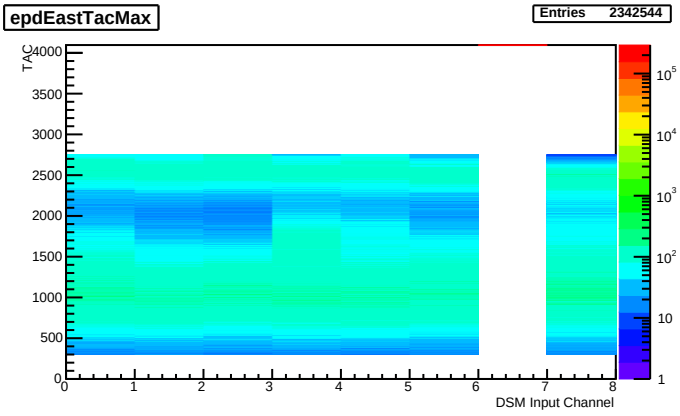

bbcSmallEastTacMaxVsSimu
Entries 200756
Data
Simu

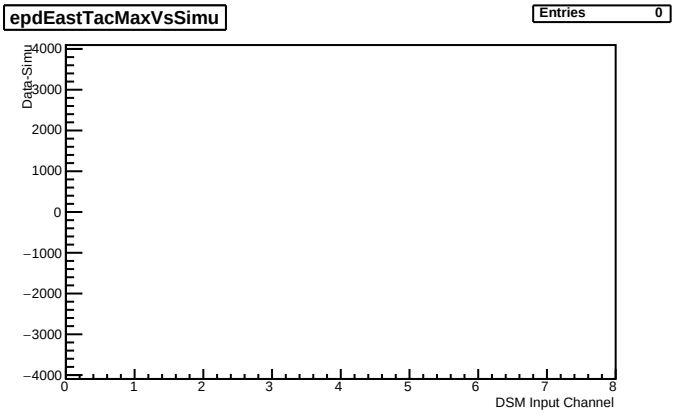

bbcSmallWestAdcSum
Entries 292818

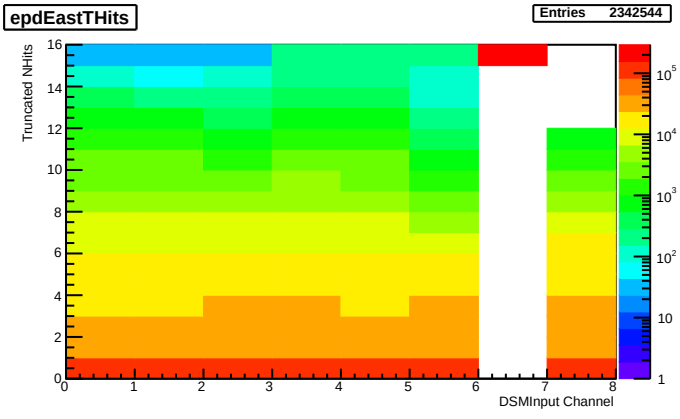

bbcSmallWestAdcSumVsSimu
Entries 253598
Data
Simu

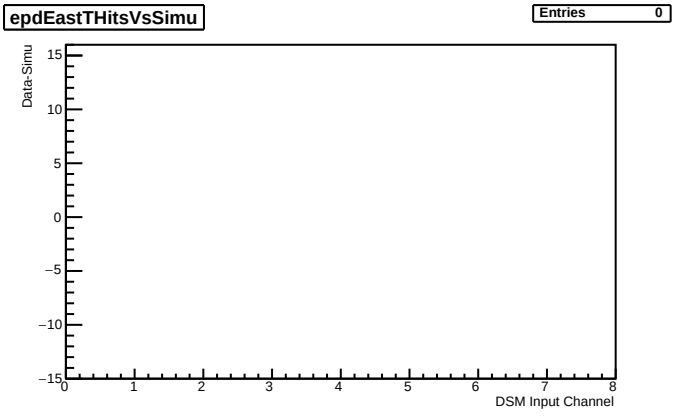

bbcSmallWestTacMax
Entries 292818


bbcSmallWestTacMaxVsSimu
Entries 253598
Data
Simu


epdEastTacMax
Entries 2342544
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2342544
Truncated NHits
DSMInput Channel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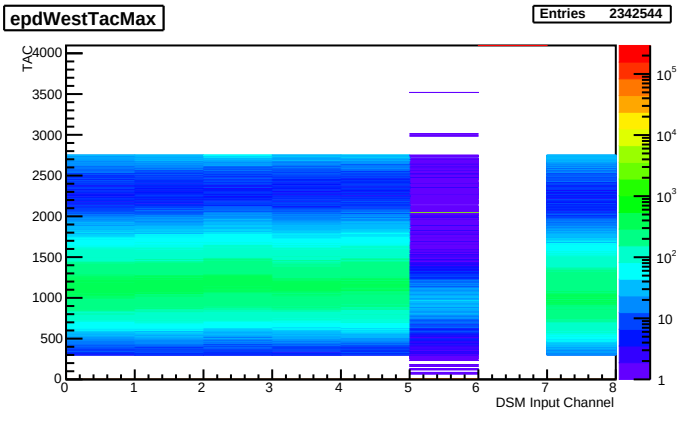
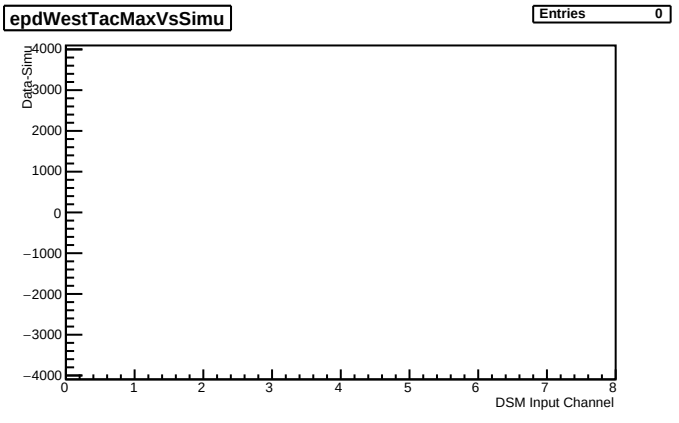
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2342544
TAC
DSM Input Channel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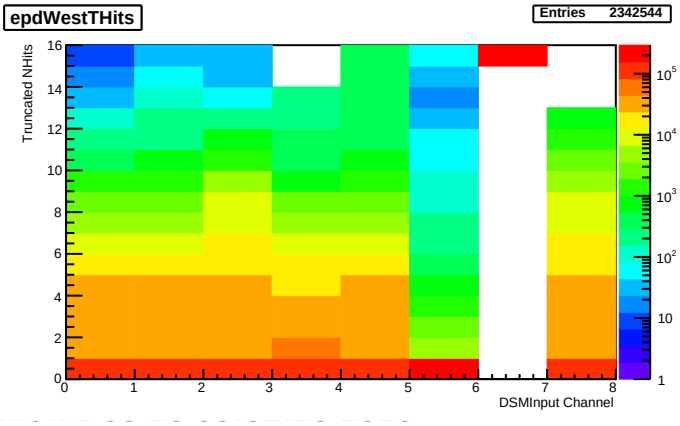
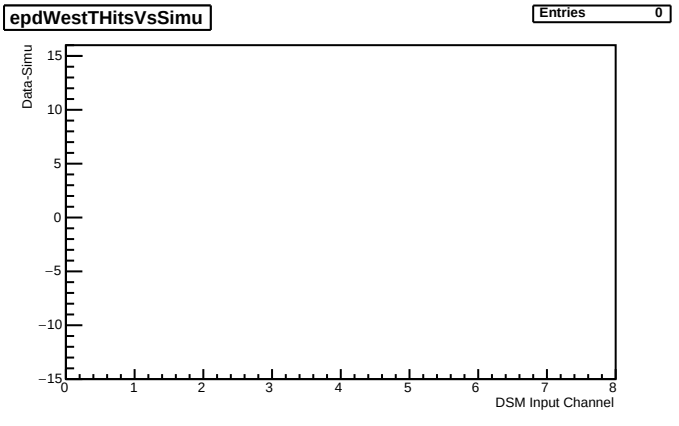
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2342544
Truncated NHits
DSMInput Channel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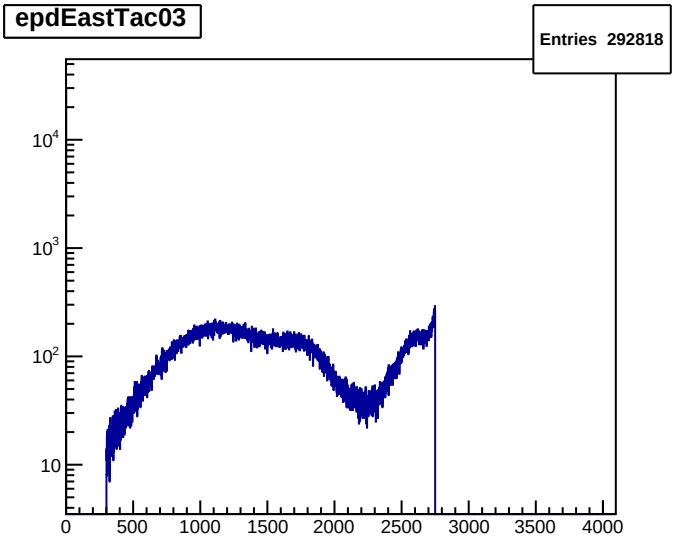
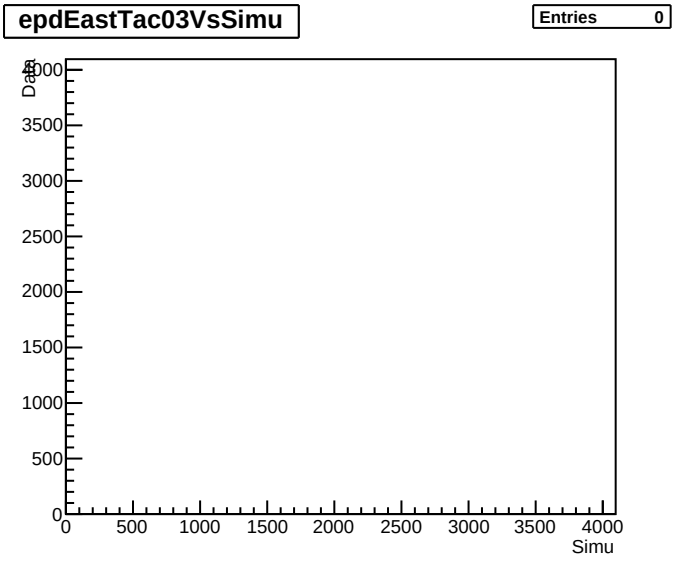
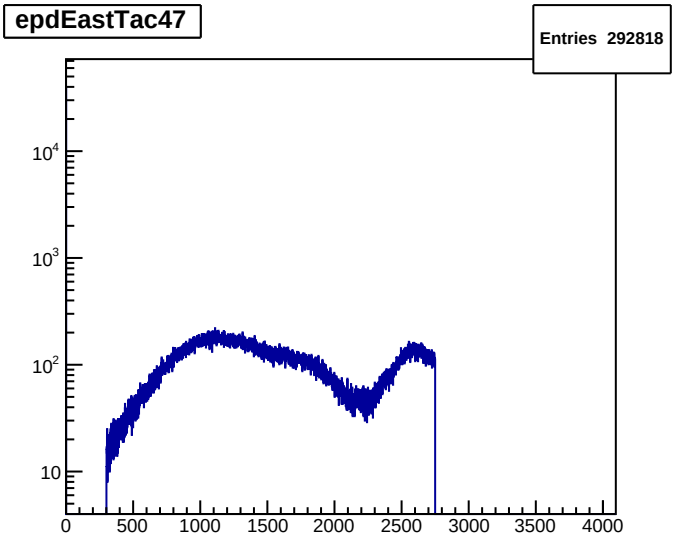
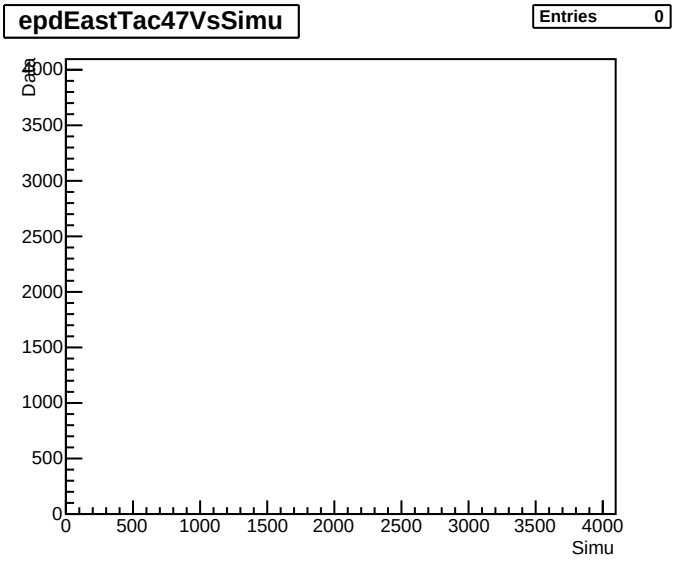
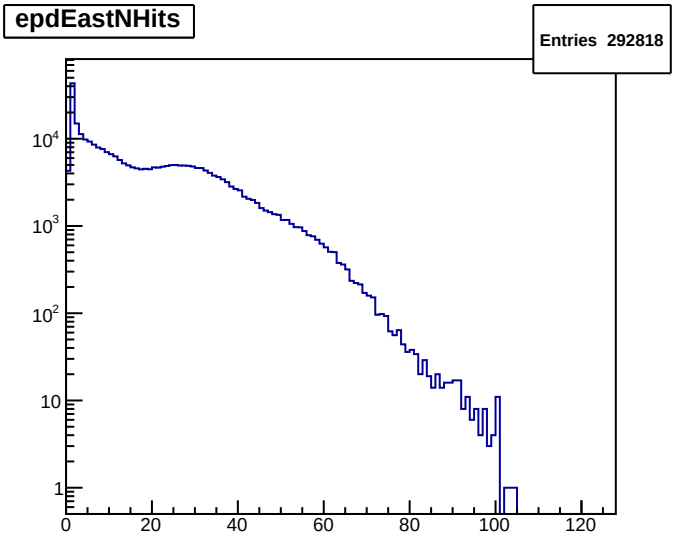
Entries 0
Data-Simu
DSM Input Channel

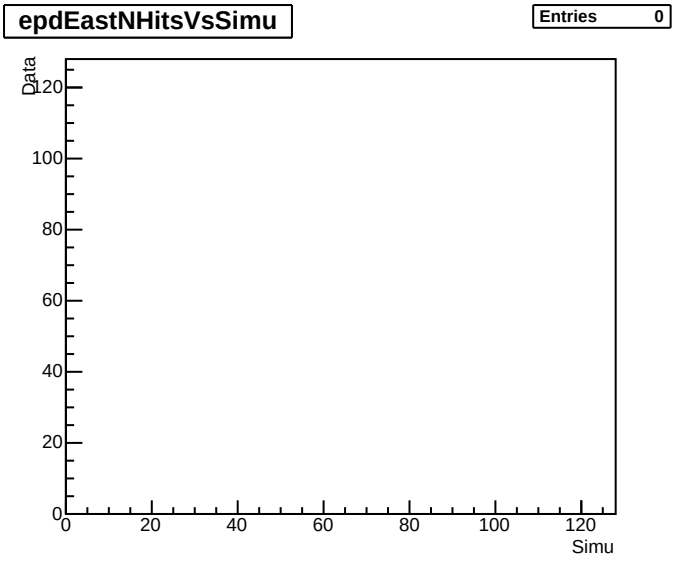

epdEastTac03
Entries 292818


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 292818


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 292818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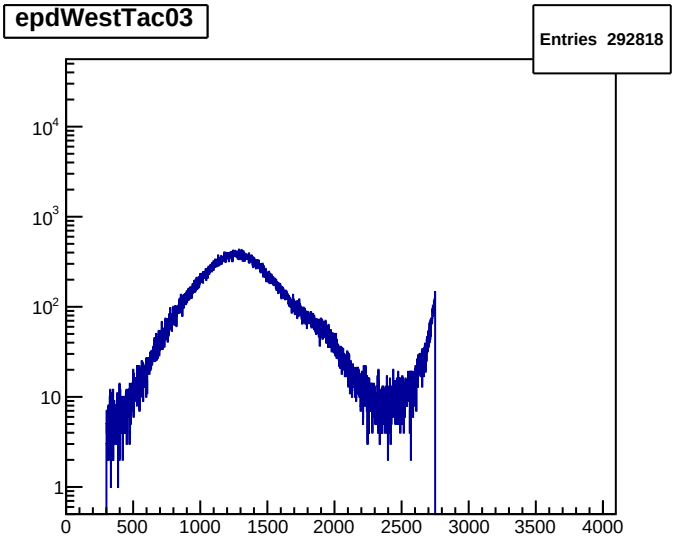
Entries 0
Data
Simu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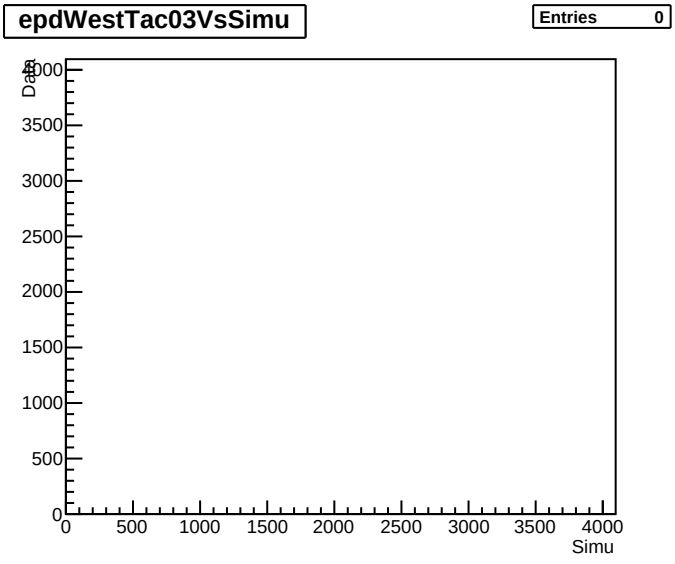
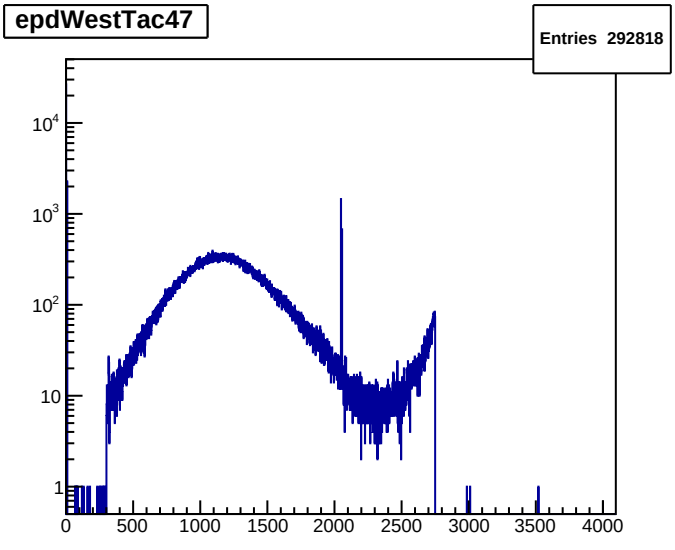
Entries 292818


epdWestTac03VsSimu
Entries 0
Data
Simu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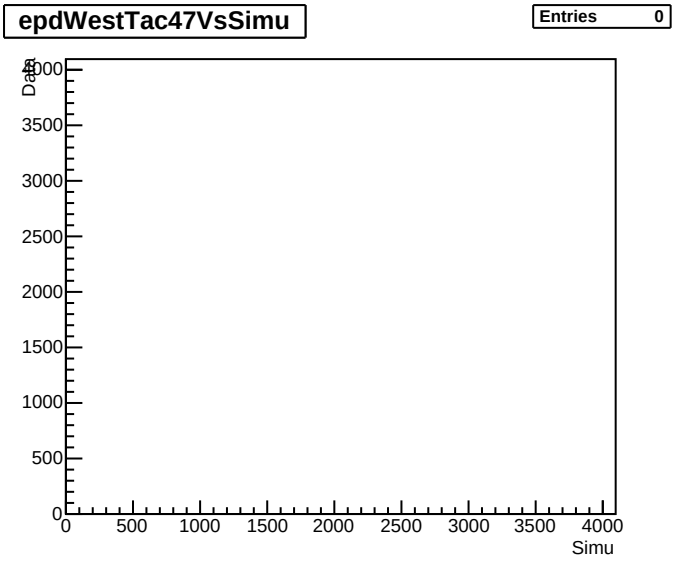
Entries 292818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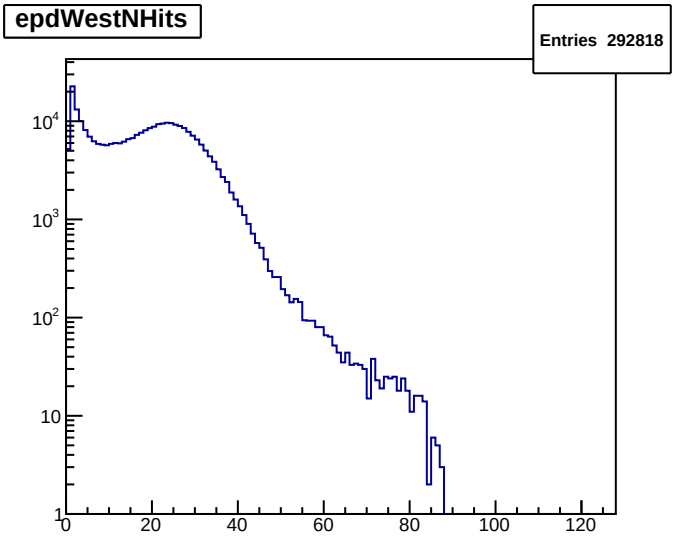
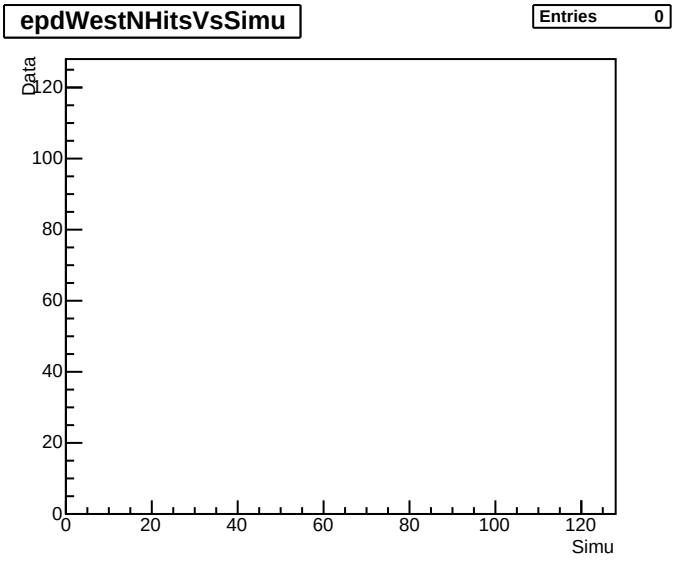
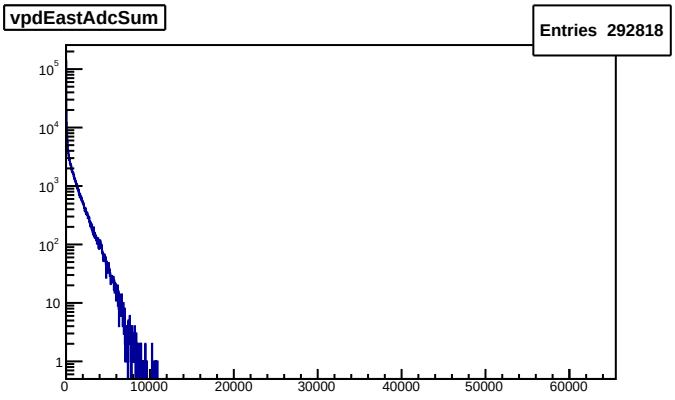
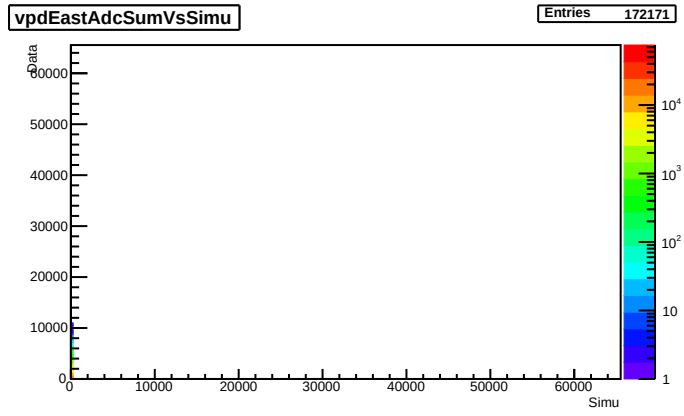
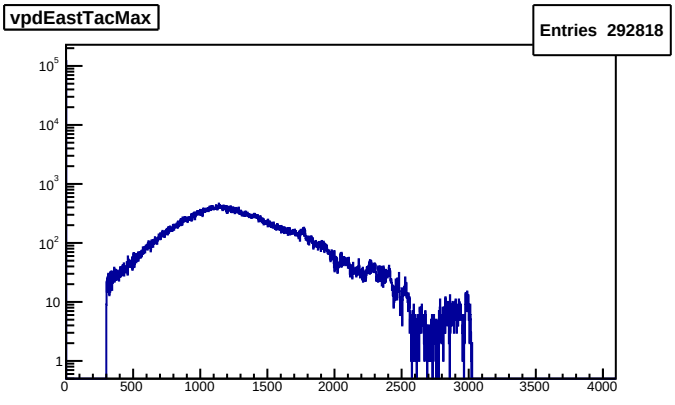
Entries 0
Data
Simu

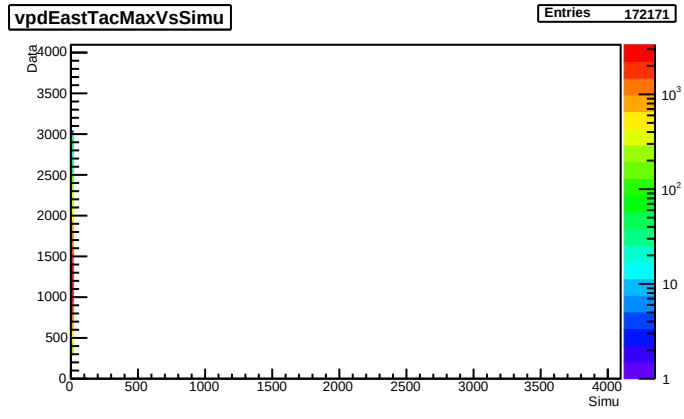

epdWestNHits
Entries 292818

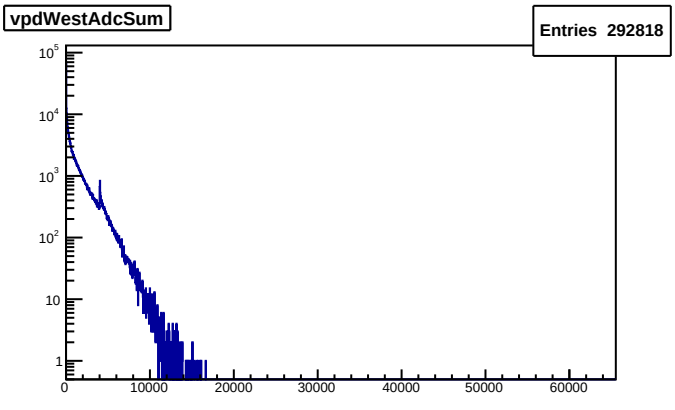

epdWestNHitsVsSimu
Entries 0
Data
Simu

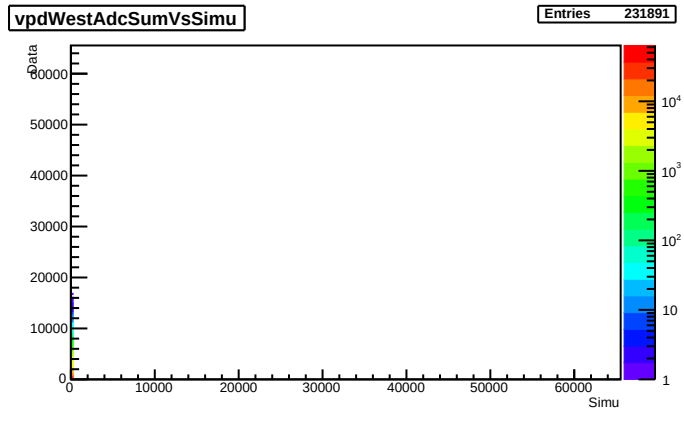

vpdEastAdcSum
Entries 292818

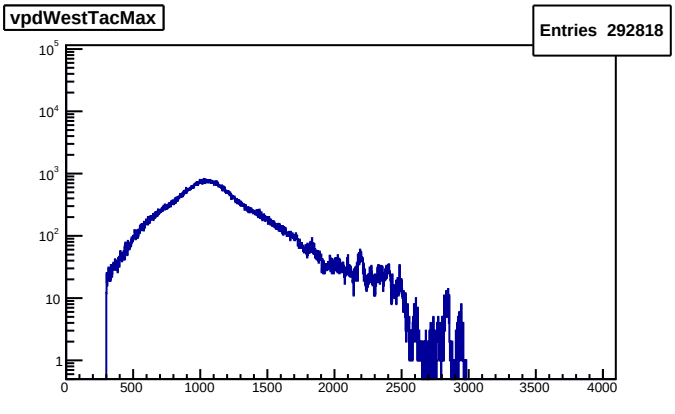

vpdEastAdcSumVsSimu
Entries 172171
Data
Simu

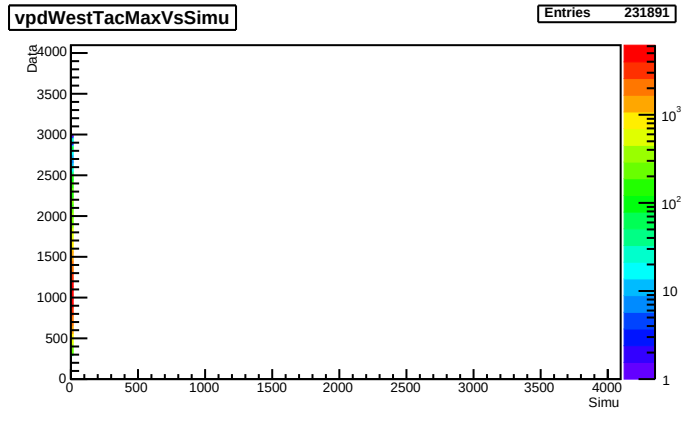

vpdEastTacMax
Entries 292818

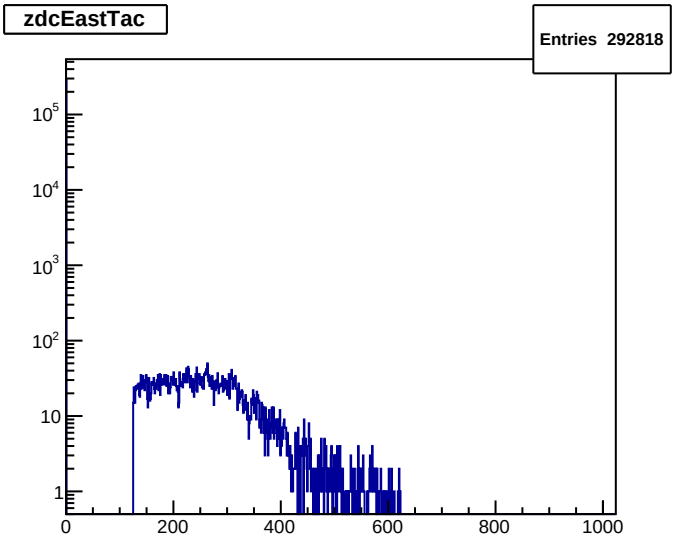

vpdEastTacMaxVsSimu
Entries 172171
Data
Simu

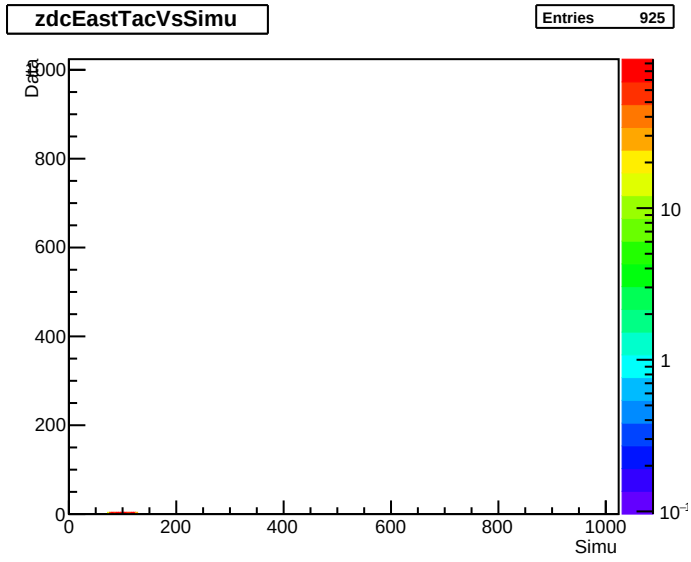

vpdWestAdcSum
Entries 292818

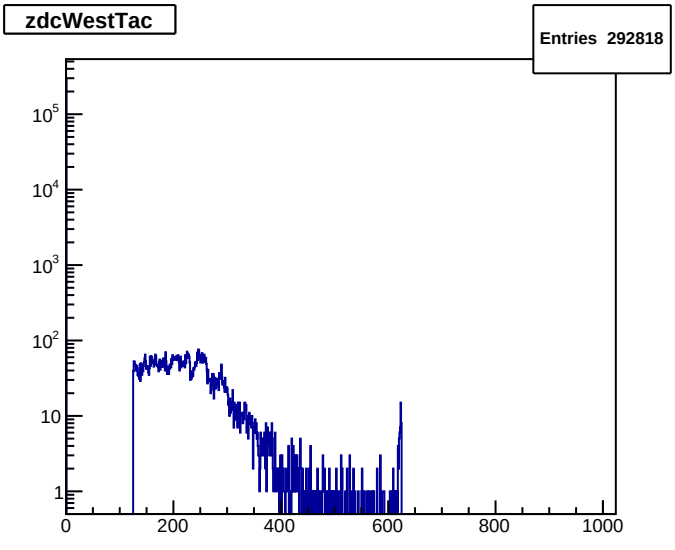

vpdWestAdcSumVsSimu
Entries 231891
Data
Simu

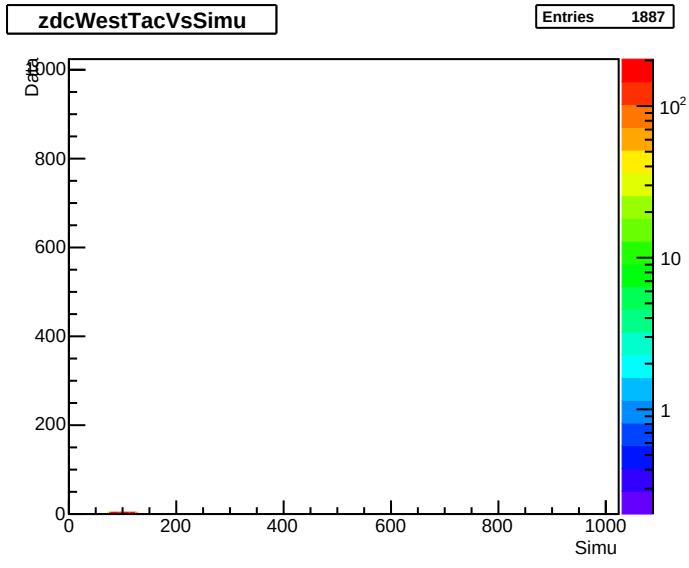

vpdWestTacMax
Entries 292818

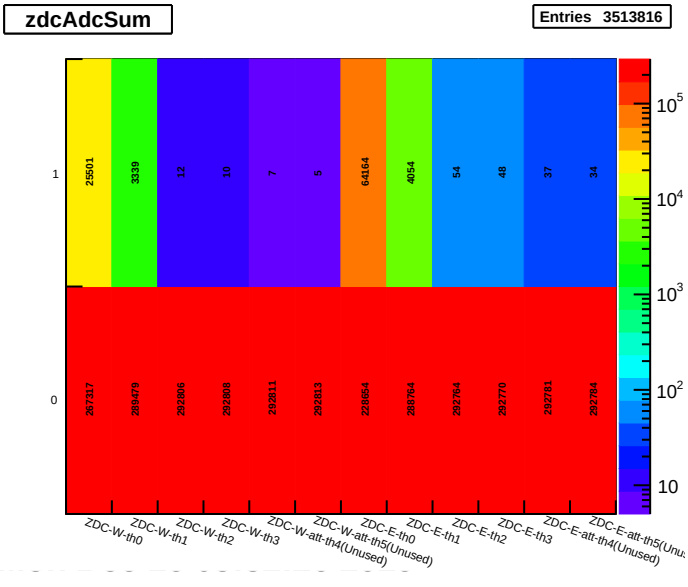

vpdWestTacMaxVsSimu
Entries 231891
Data
Simu

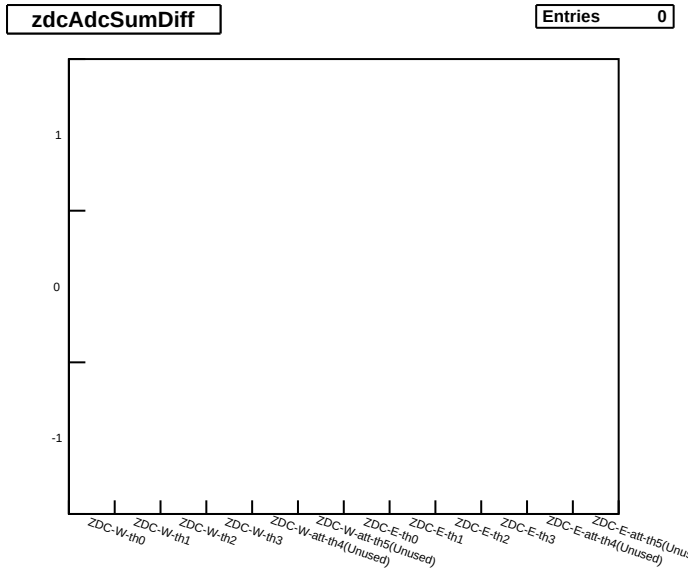

zdcEastTac
Entries 292818

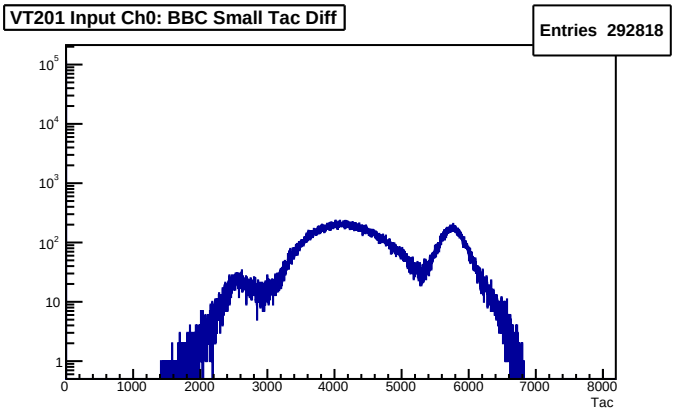

zdcEastTacVsSimu
Entries 925
Data
Simu

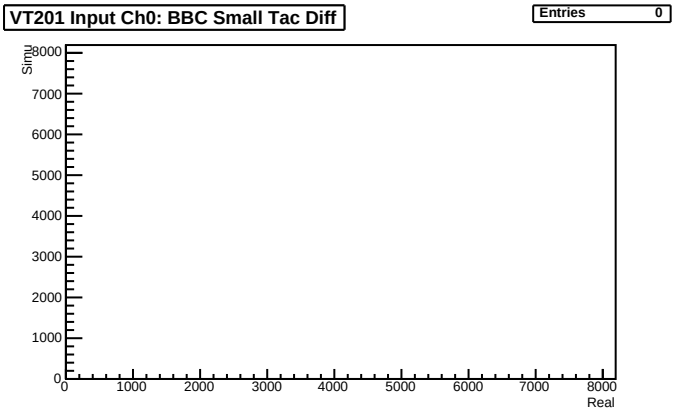

zdcWestTac
Entries 292818

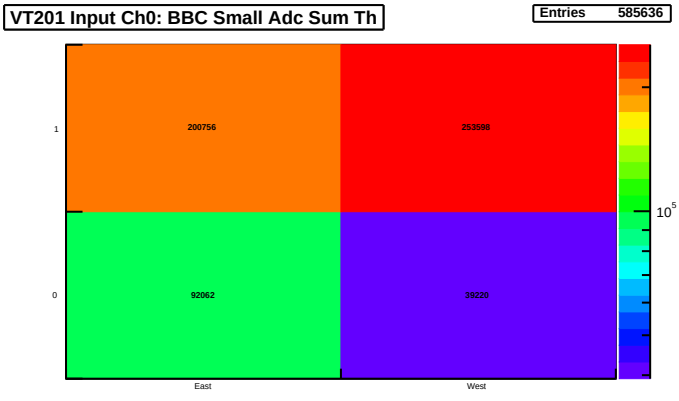

zdcWestTacVsSimu
Entries 1887
Data
Simu

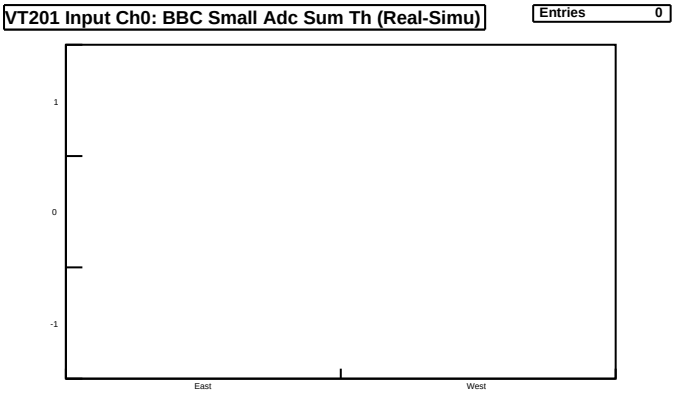

zdcAdcSum
Entries 3513816
25501
3339
12
10
7
5
64164
4054
54
48
37
34
267317
289479
292806
292808
292811
292813
228654
288764
292764
292770
292781
292784
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

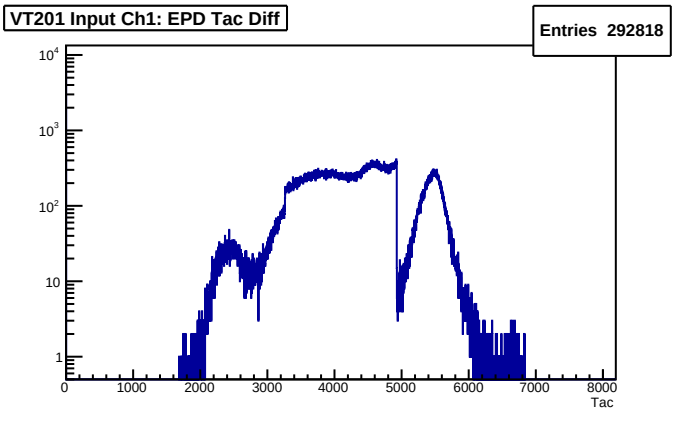

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

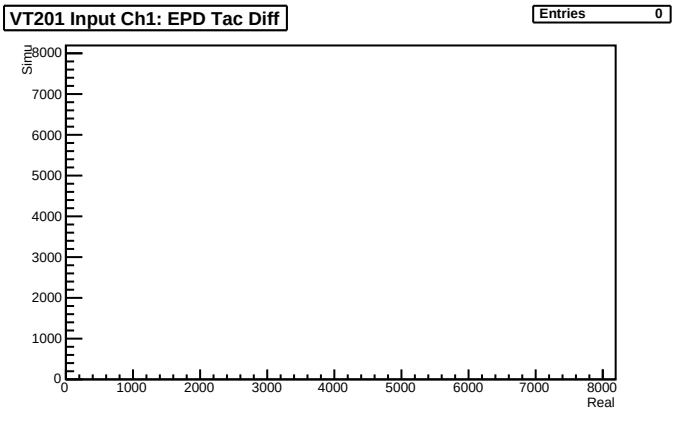

VT201 Input Ch0: BBC Small Tac Diff
Entries 292818
Tac

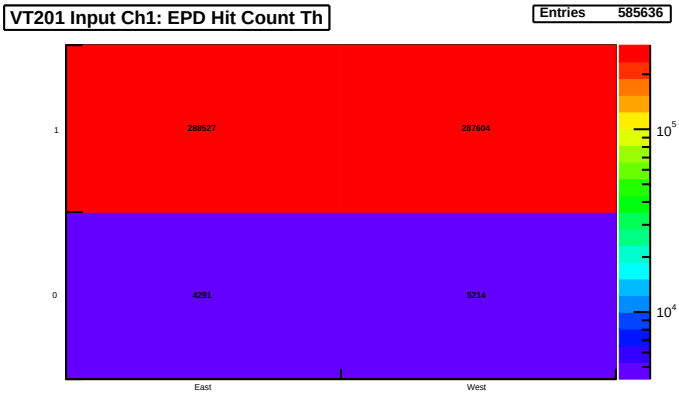

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

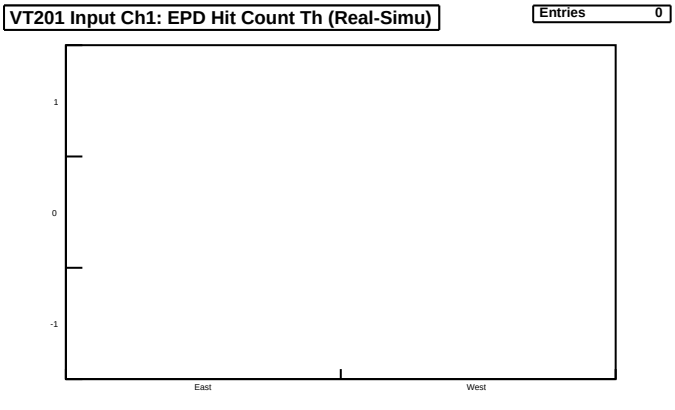

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 585636
200756
253598
92062
39220
East
West

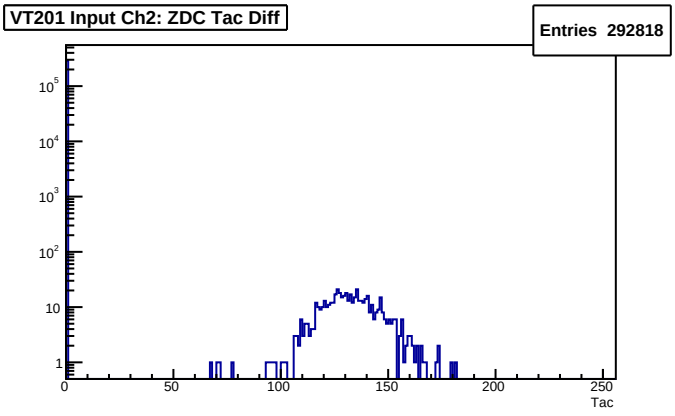

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

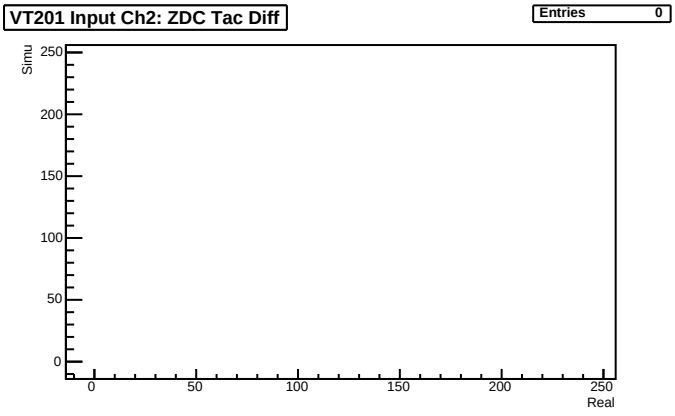

VT201 Input Ch1: EPD Tac Diff
Entries 292818
Tac

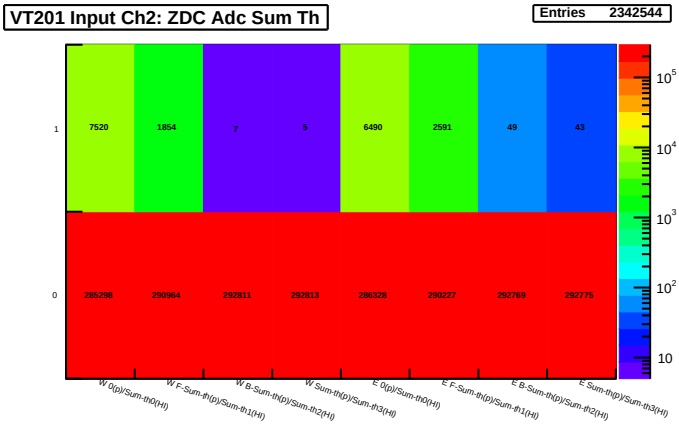

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

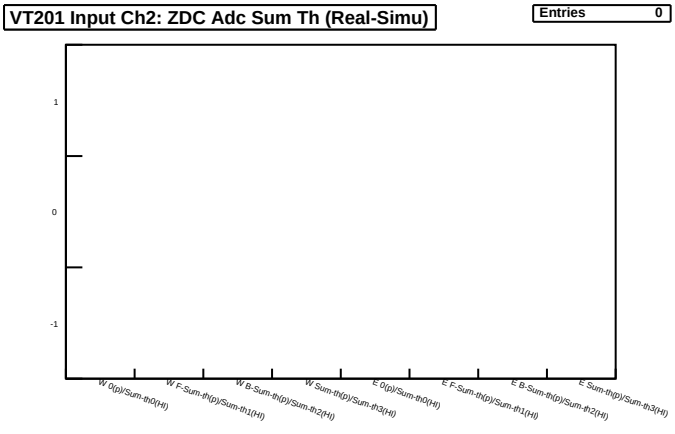

VT201 Input Ch1: EPD Hit Count Th
Entries 585636
288527
287604
4291
5214
East
West

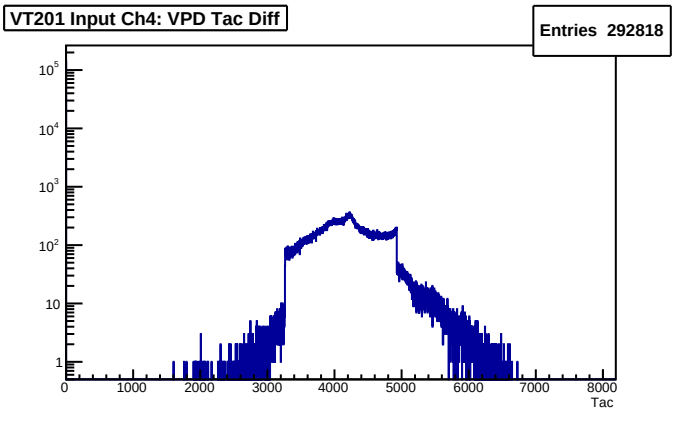

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

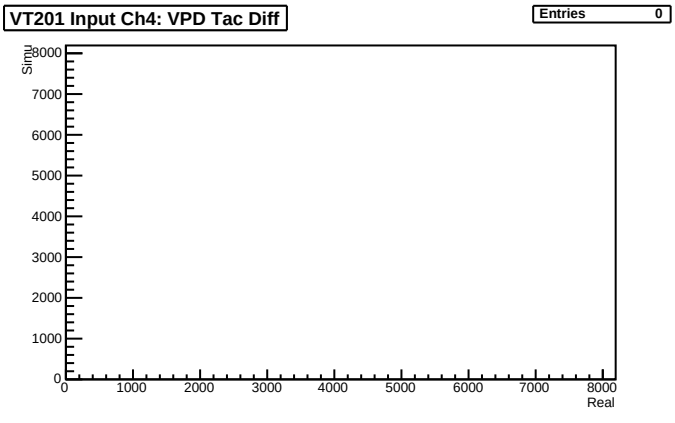

VT201 Input Ch2: ZDC Tac Diff
Entries 292818
Tac

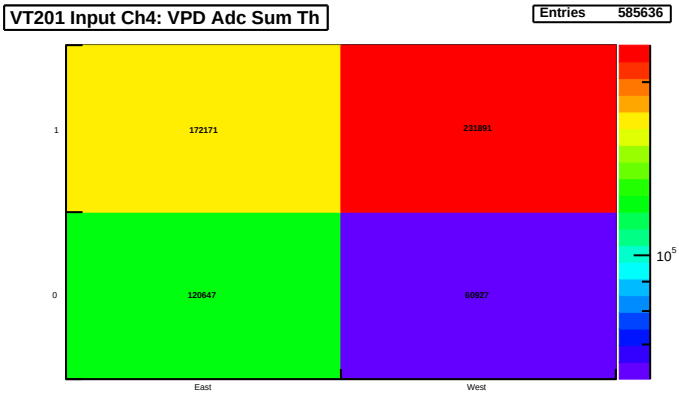

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

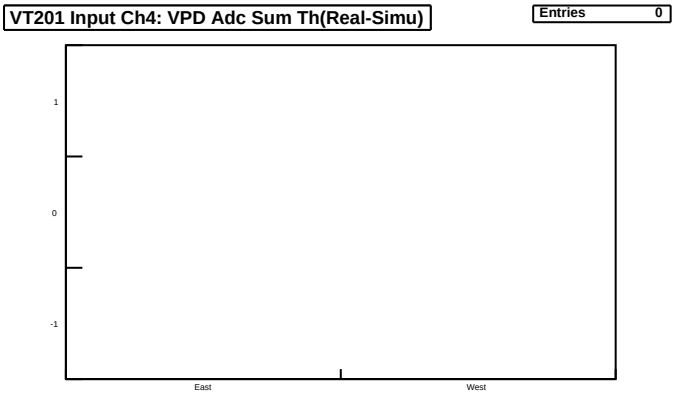

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2342544
7520
1854
7
5
6490
2591
49
43
285298
290964
292811
292813
286328
290227
292769
292775
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

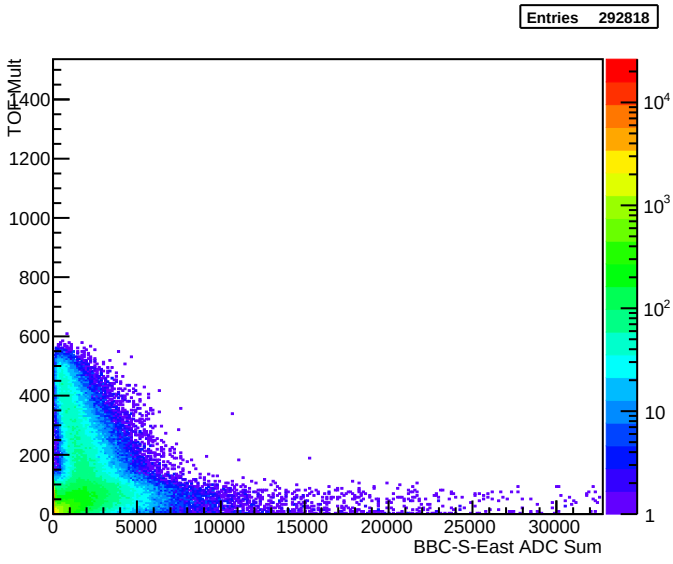

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

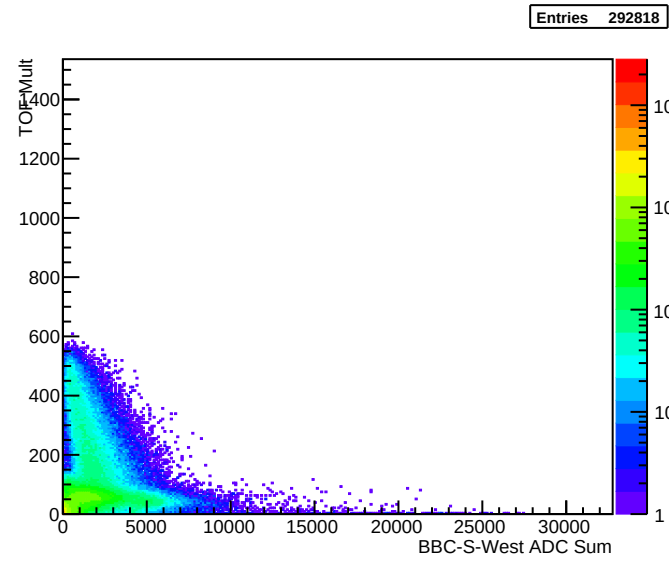

VT201 Input Ch4: VPD Tac Diff
Entries 292818
Tac

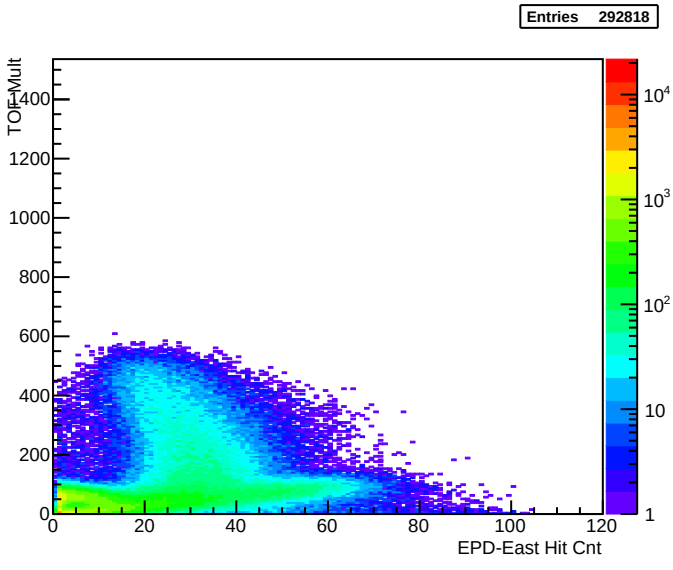

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

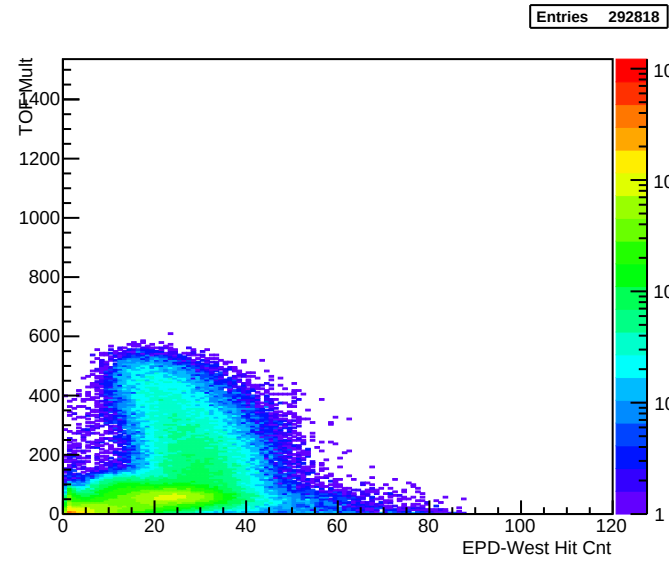

VT201 Input Ch4: VPD Adc Sum Th
Entries 585636
172171
231891
120647
60927
East
West

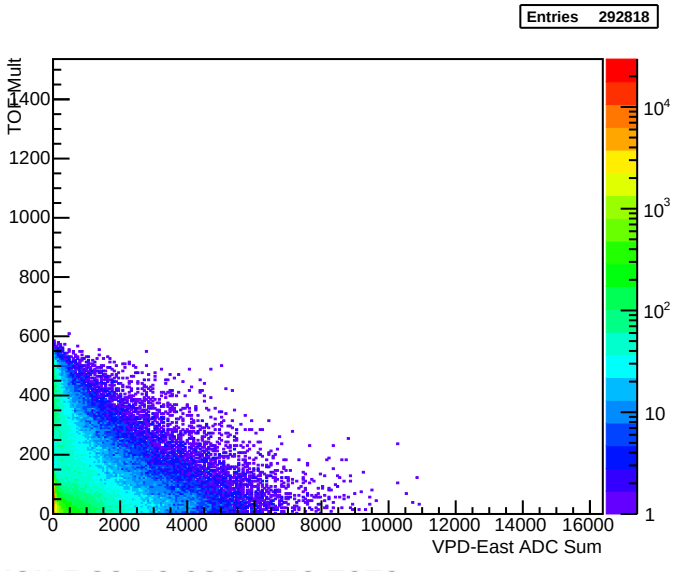

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

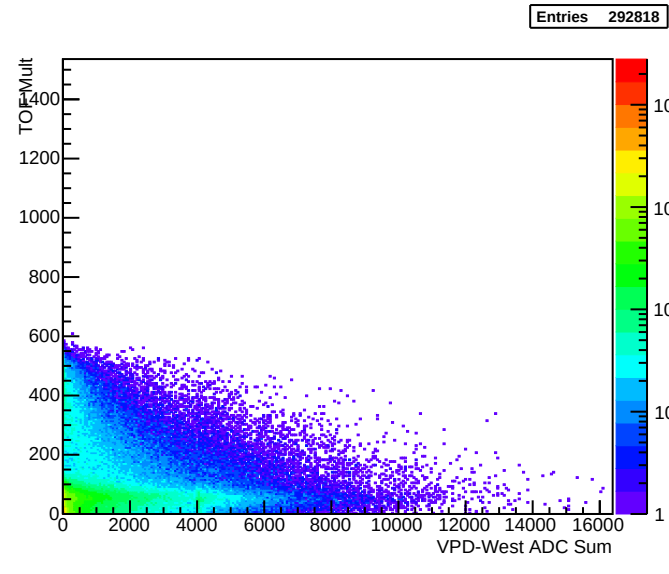

Entries 292818
TOF-Mult
BBC-S-East ADC Sum

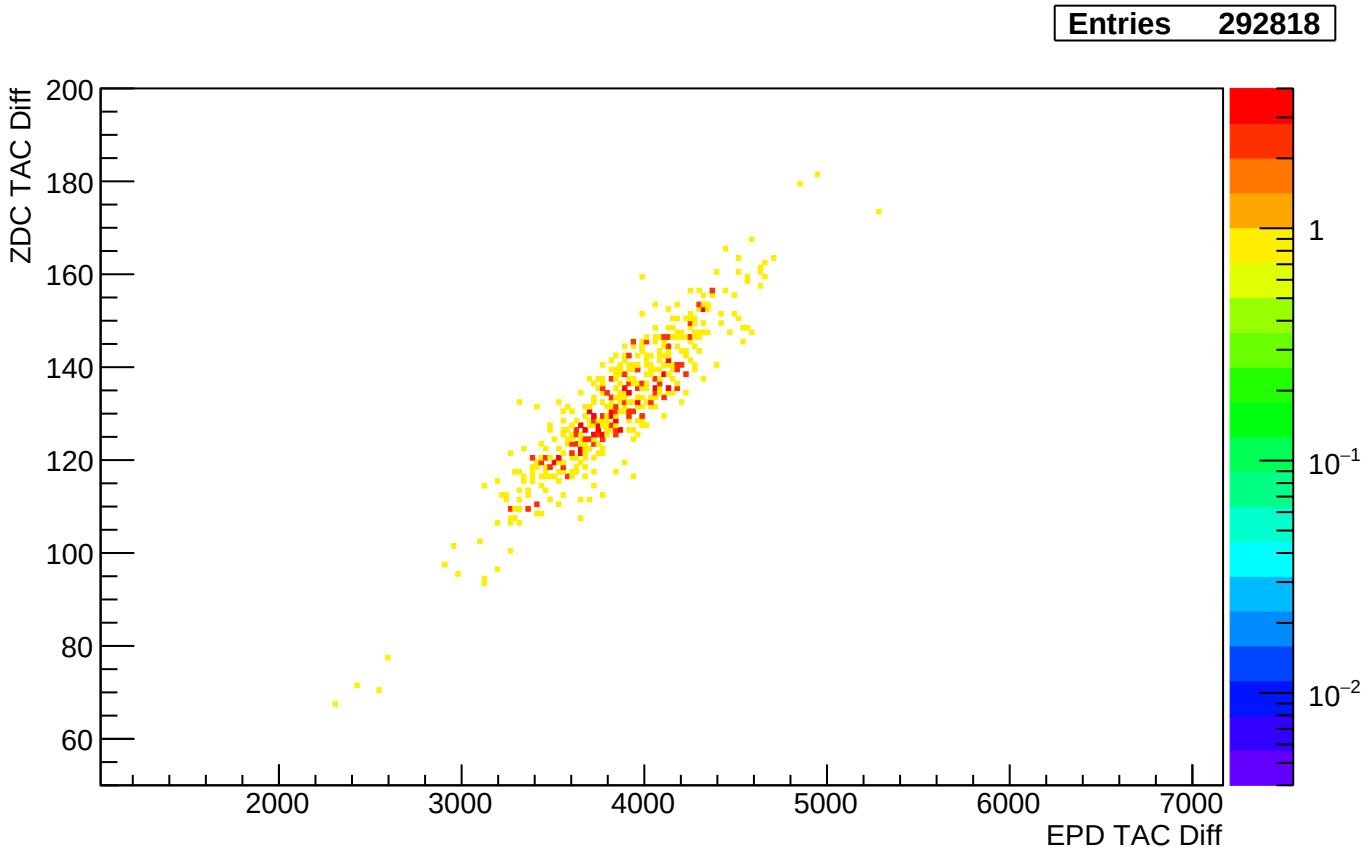

Entries 292818
TOF-Mult
BBC-S-West ADC Sum

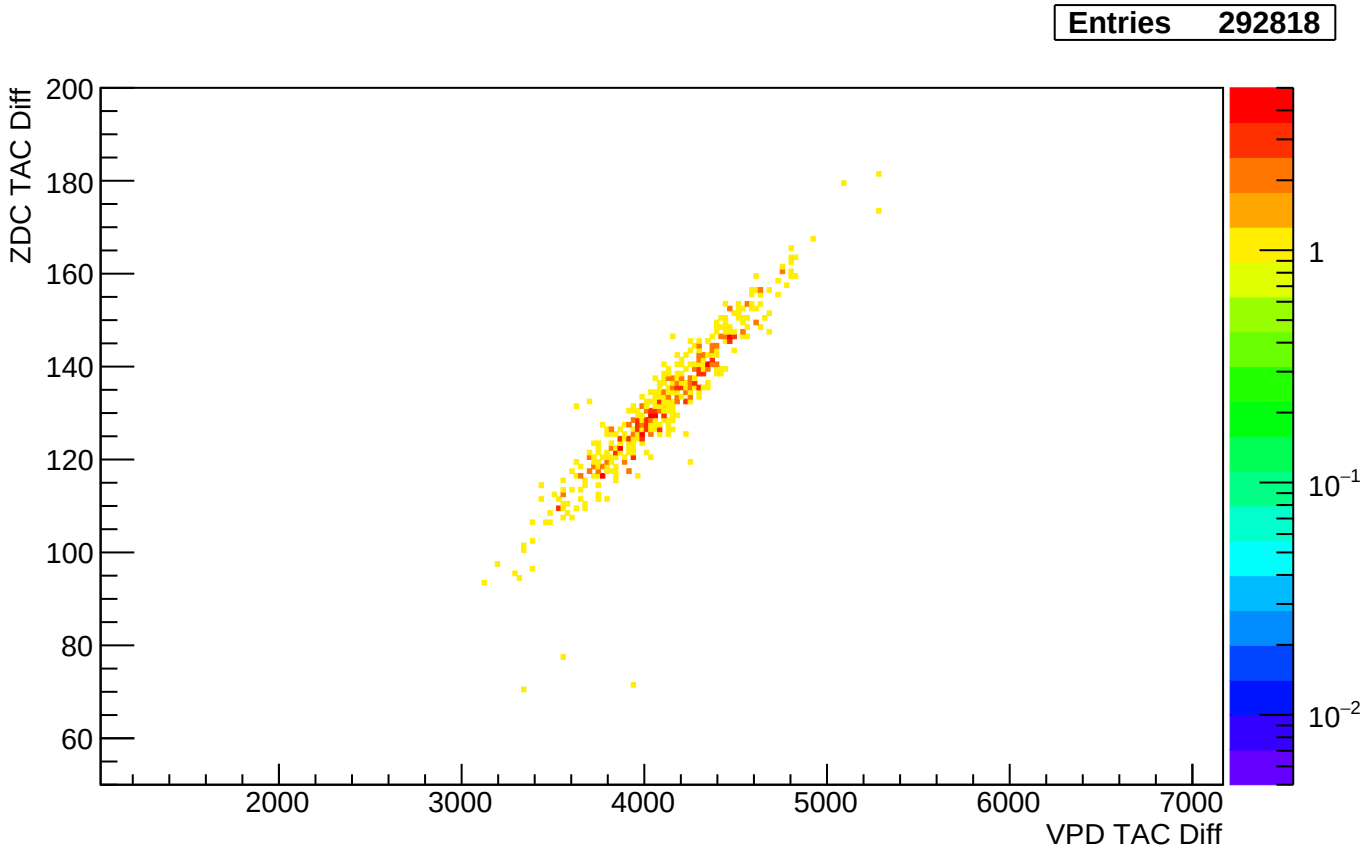

Entries 292818
TOF-Mult
EPD-East Hit Cnt

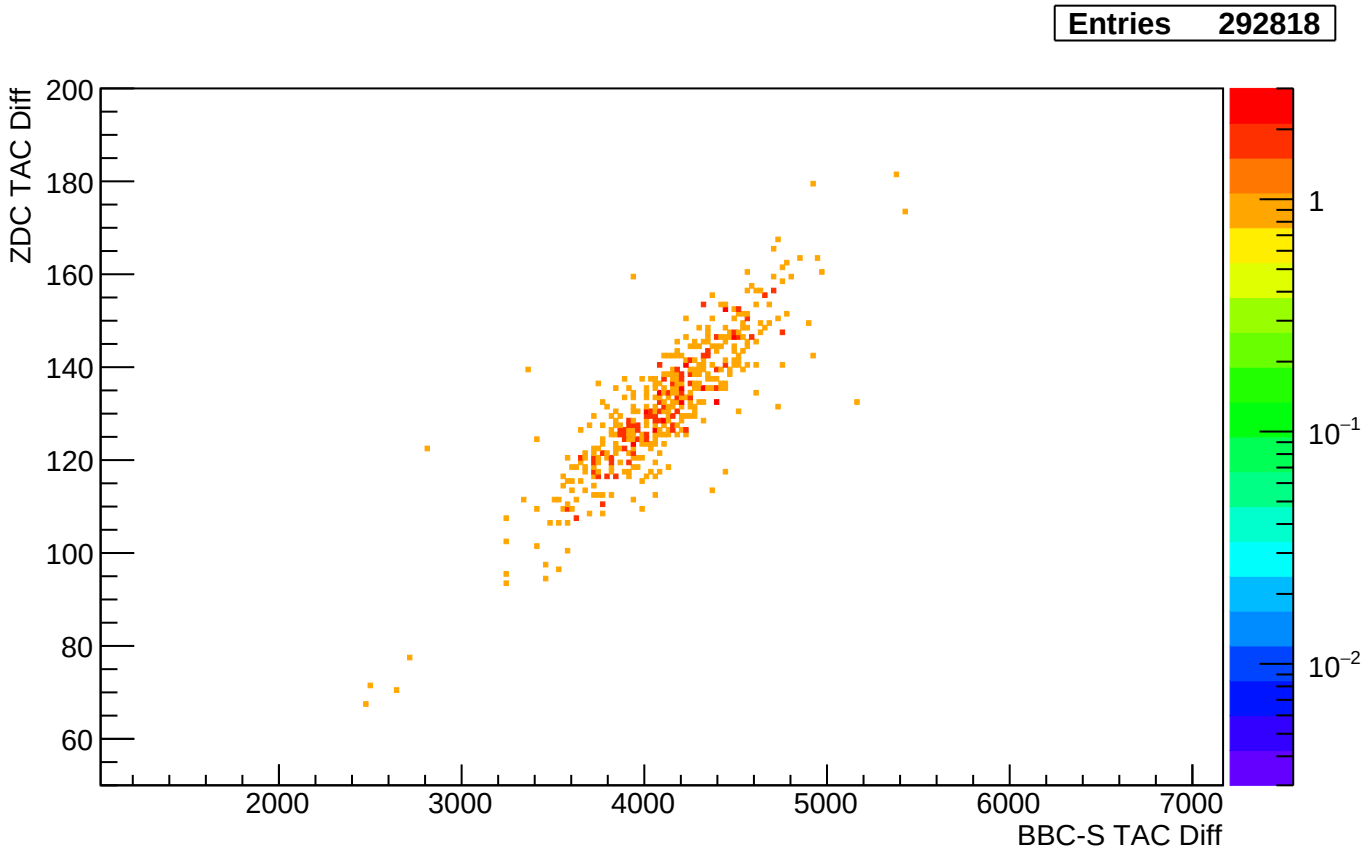

Entries 292818
TOF-Mult
EPD-West Hit Cnt

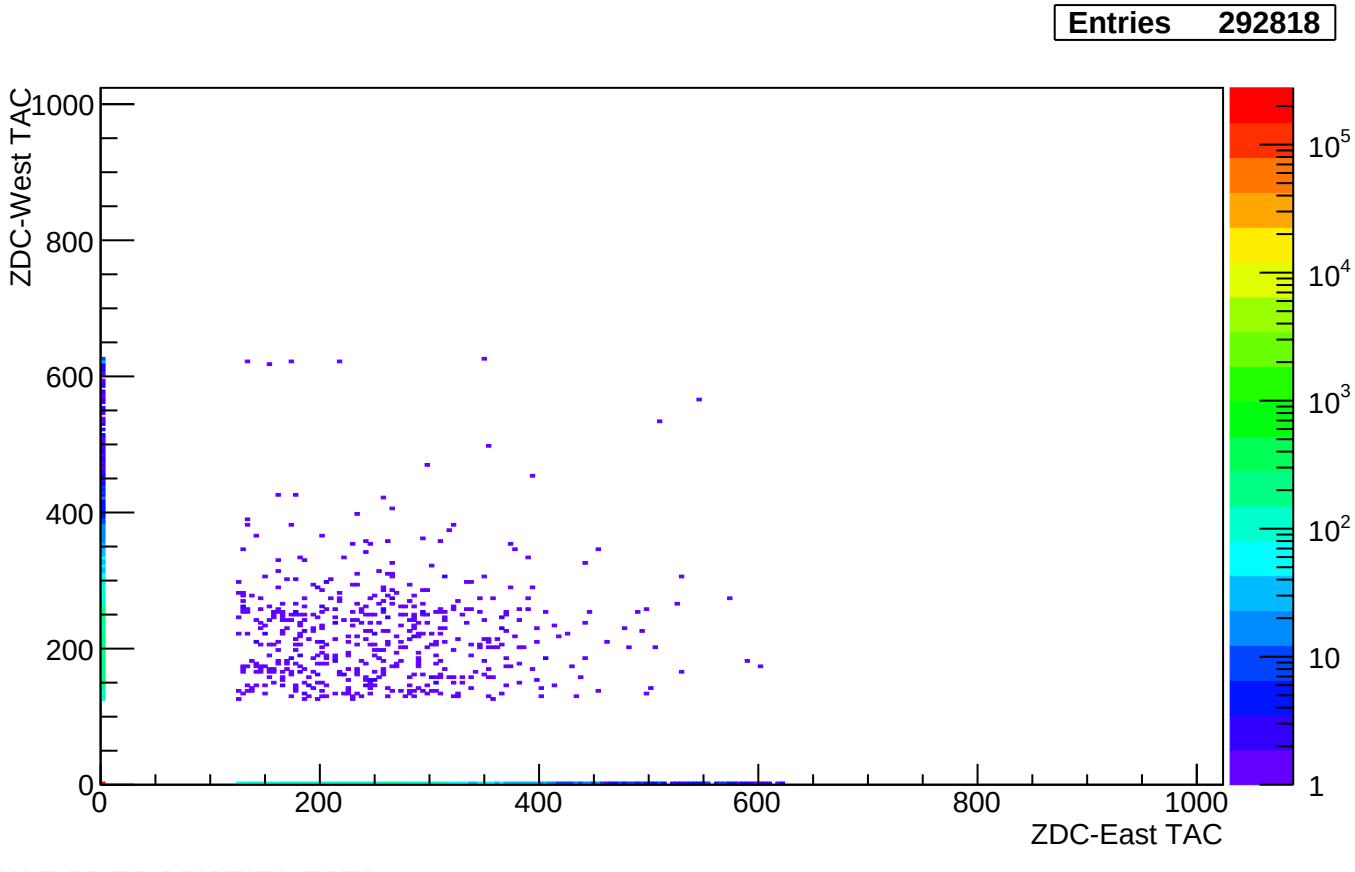

Entries 292818
TOF-Mult
VPD-East ADC Sum

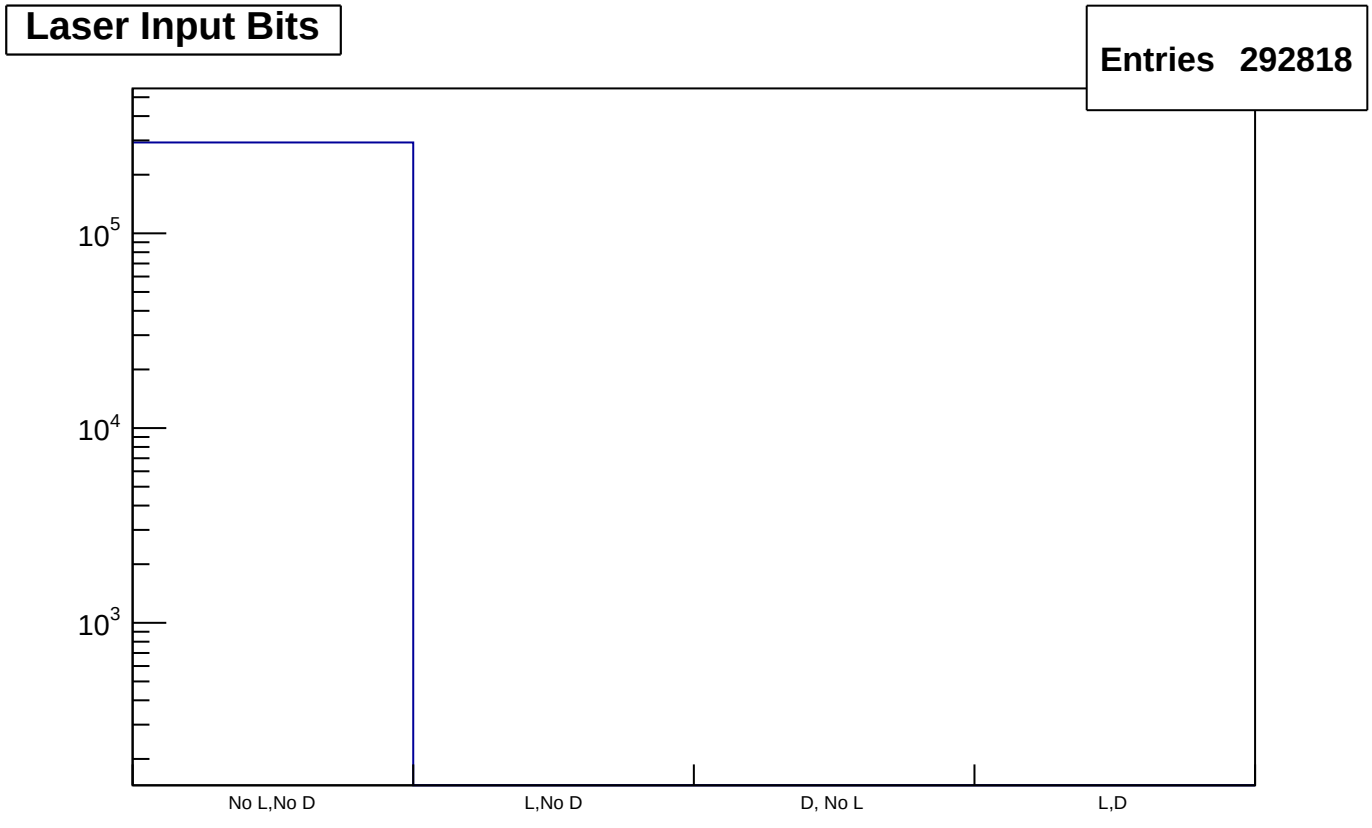

Entries 292818
TOF-Mult
VPD-West ADC Sum

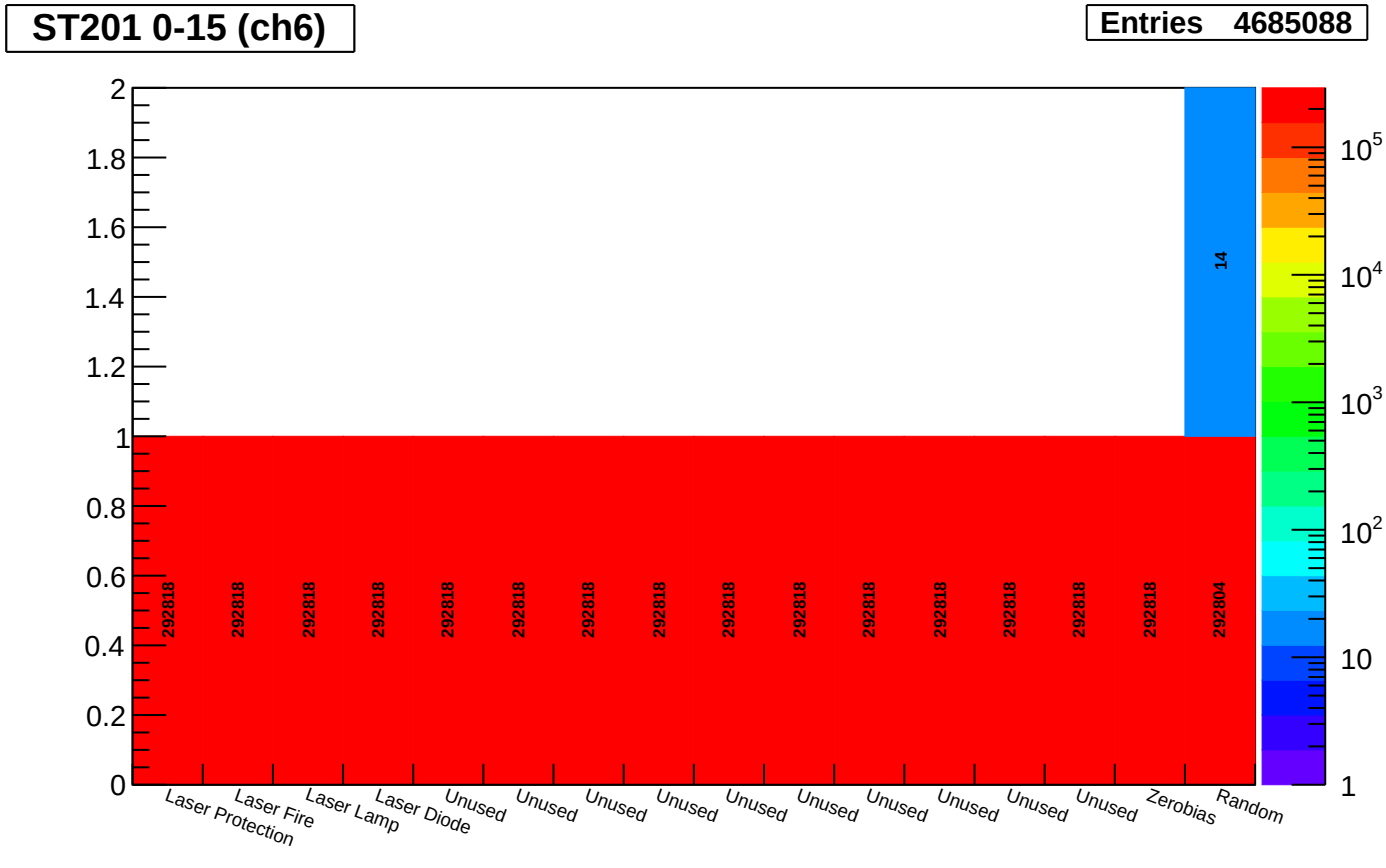

Entries 292818
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

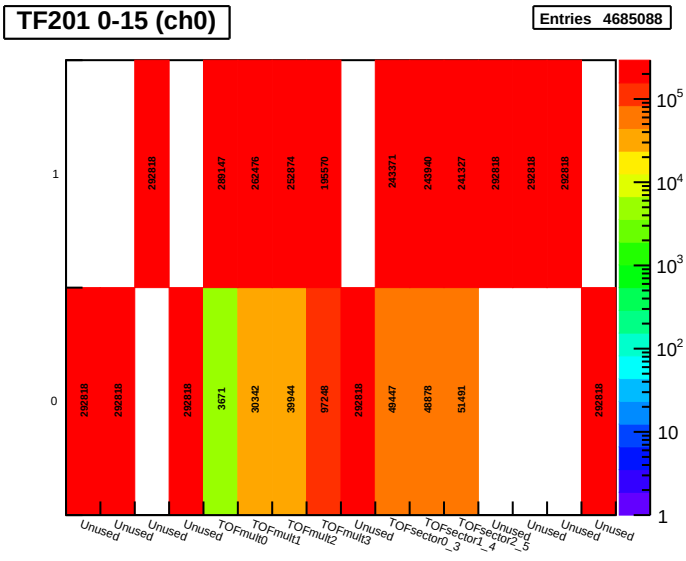

Entries 292818
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

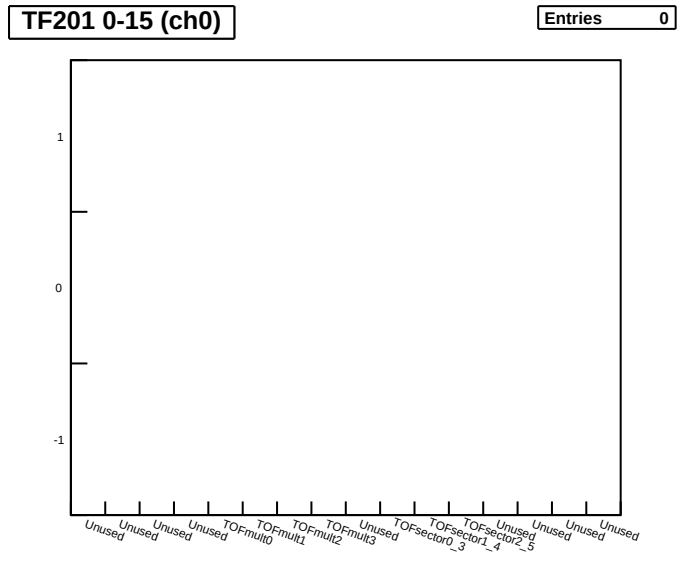

Entries 292818
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

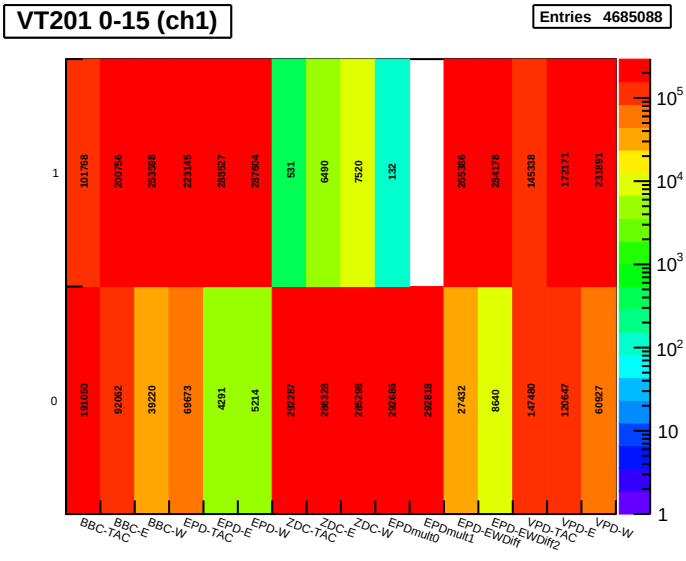

Entries 292818
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

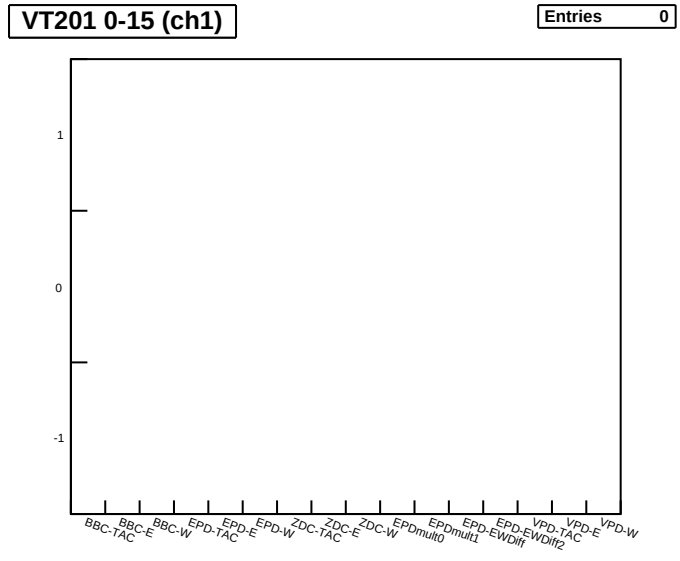

Laser Input Bits
Entries 292818
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

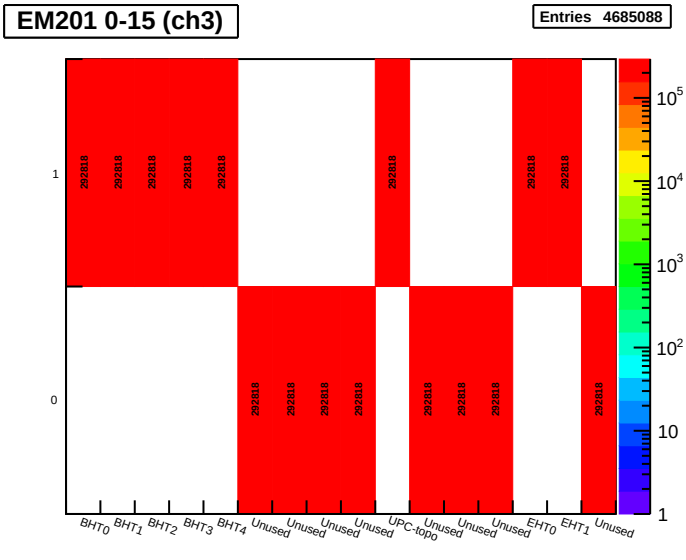

ST201 0-15 (ch6)
Entries 4685088
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
292818
292804
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

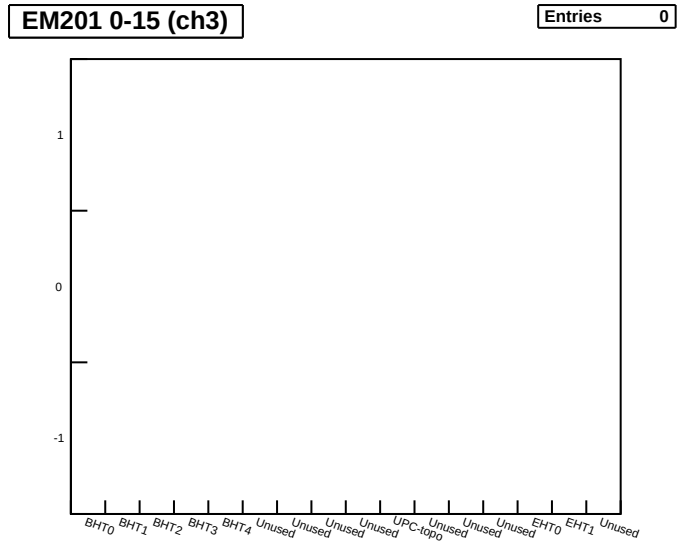

TF201 0-15 (ch0)
Entries 4685088
1
0
292818
292818
292818
292818
289147
282476
283874
195570
243371
243940
241327
292818
292818
292818
292818
292818
3671
30342
39944
97248
292818
49447
48878
51491
292818
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 4685088
1
0
101768
200756
253598
223145
288527
287604
531
6490
7520
132
265386
284178
145338
172171
231891
191050
92062
39220
69673
4291
5214
282287
286328
285298
282686
292818
27432
8640
147480
120647
60827
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 4685088
1
0
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
292818
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