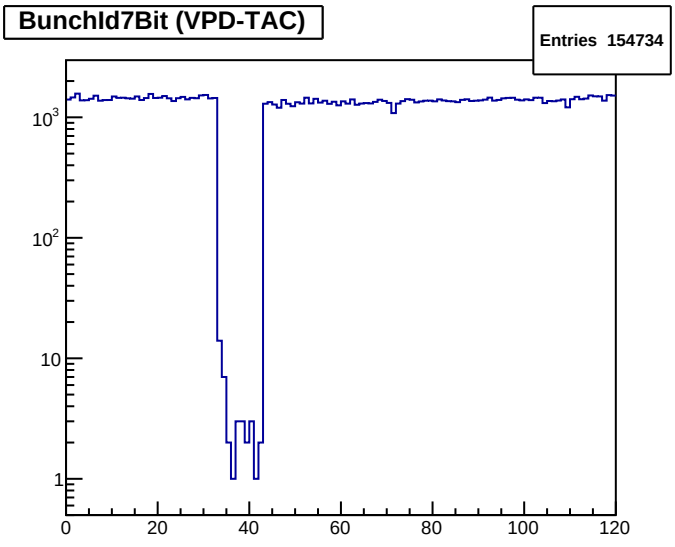
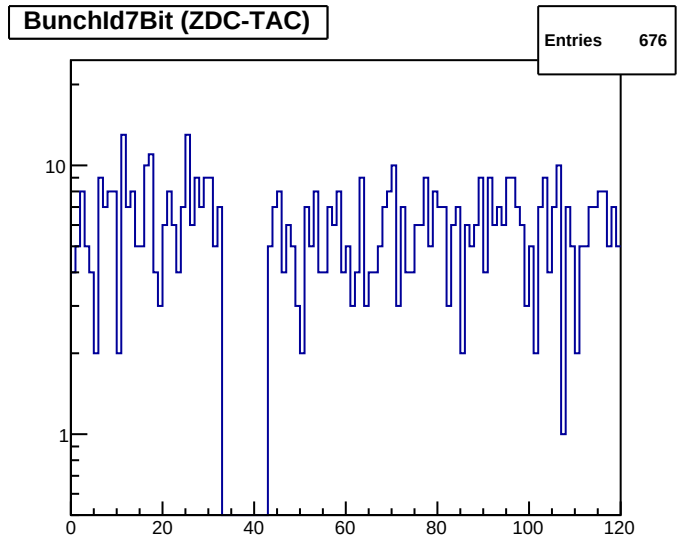
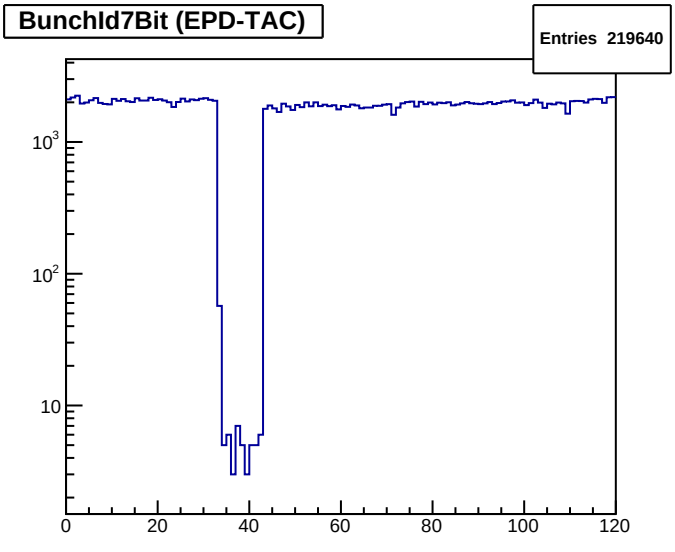
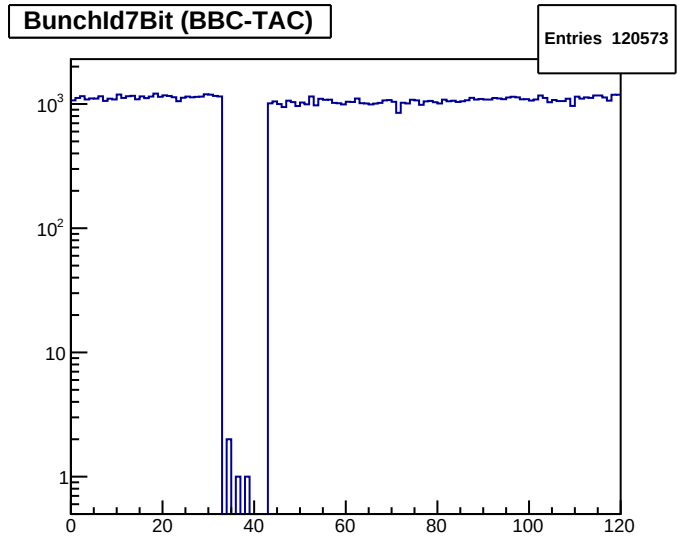
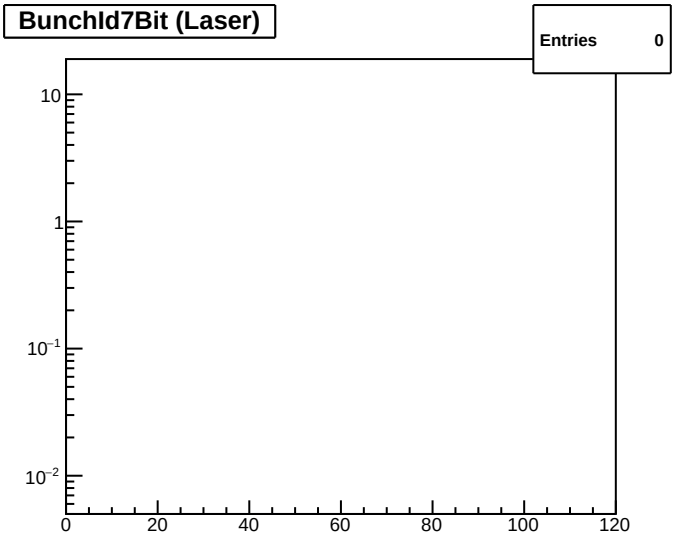
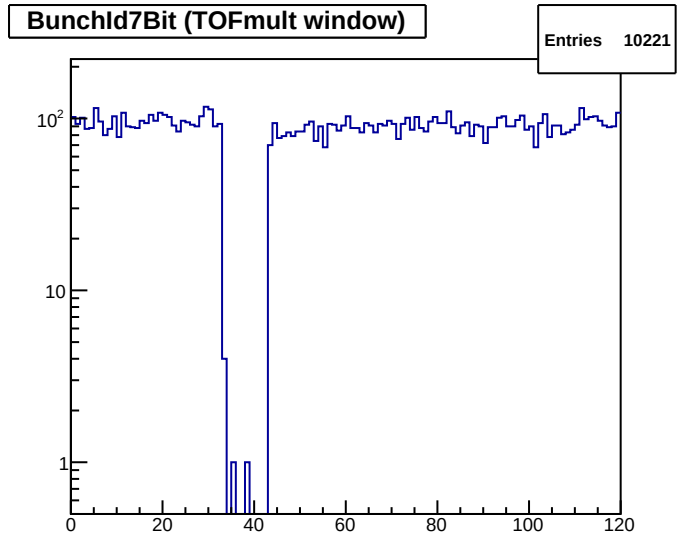

BunchId7Bit (VPD-TAC)
Entries 154734

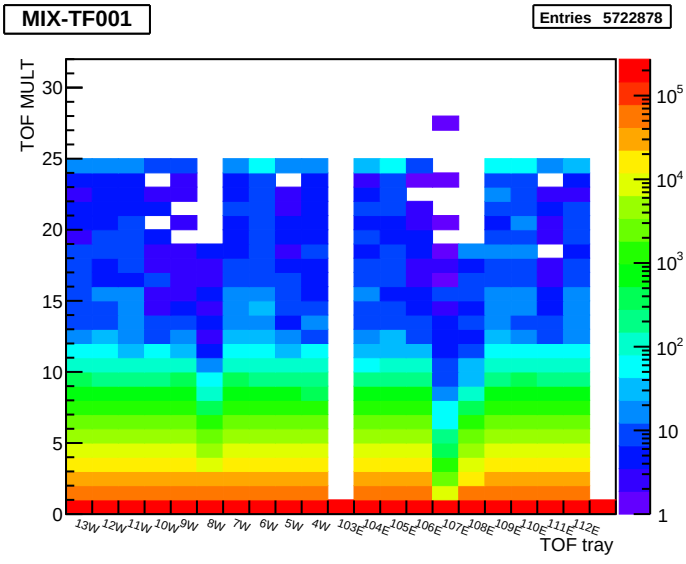

BunchId7Bit (ZDC-TAC)
Entries 676

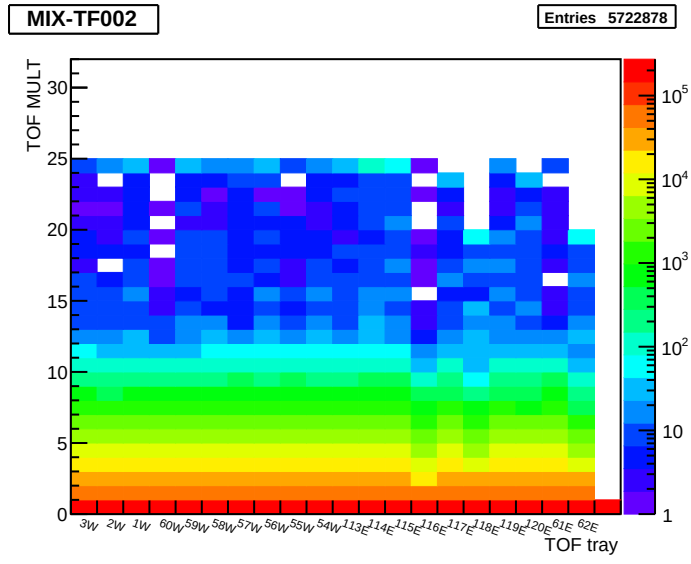

BunchId7Bit (EPD-TAC)
Entries 219640

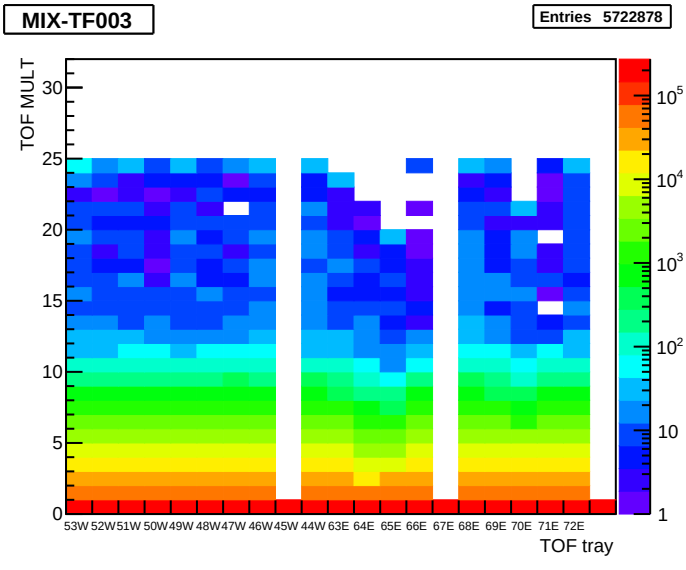

BunchId7Bit (BBC-TAC)
Entries 120573

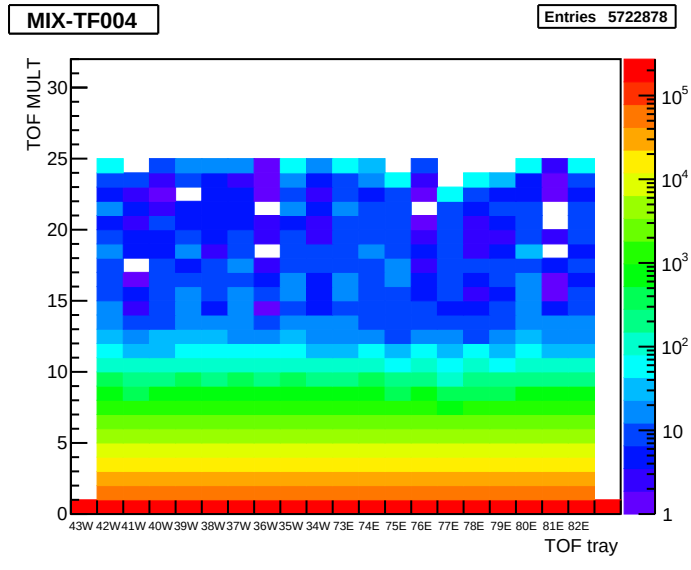

BunchId7Bit (Laser)
Entries 0

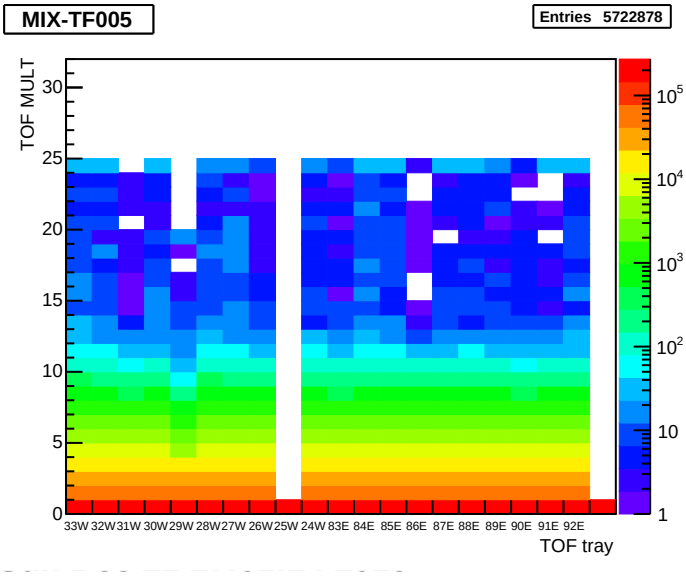

BunchId7Bit (TOFmult window)
Entries 10221

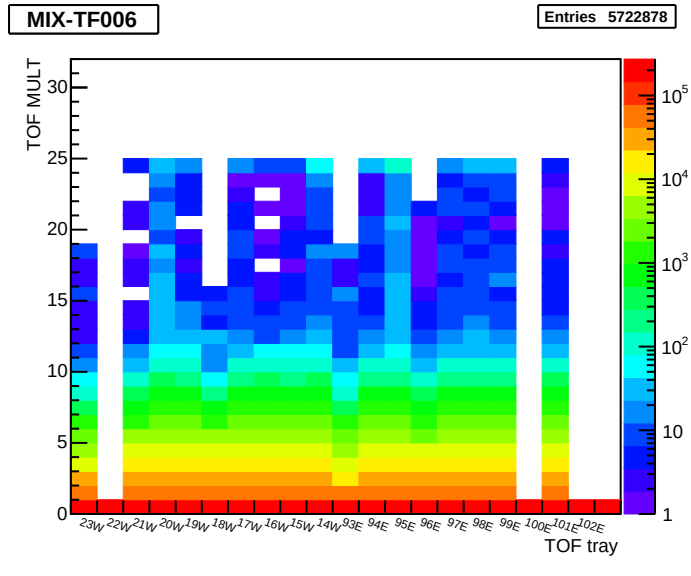

MIX-TF001
Entries 5722878
TOF MULT
TOF tray

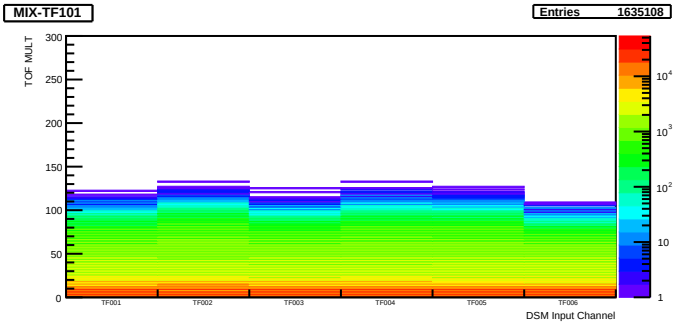

MIX-TF002
Entries 5722878
TOF MULT
TOF tray

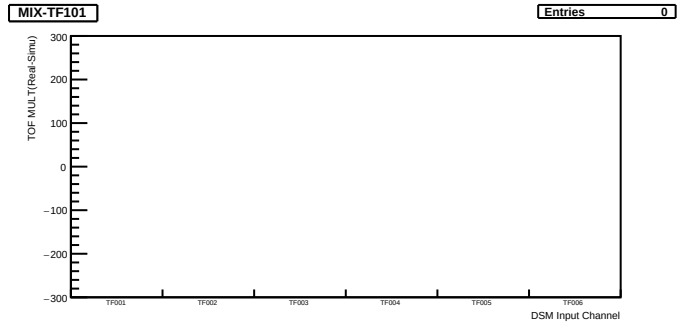

MIX-TF003
Entries 5722878
TOF MULT
TOF tray

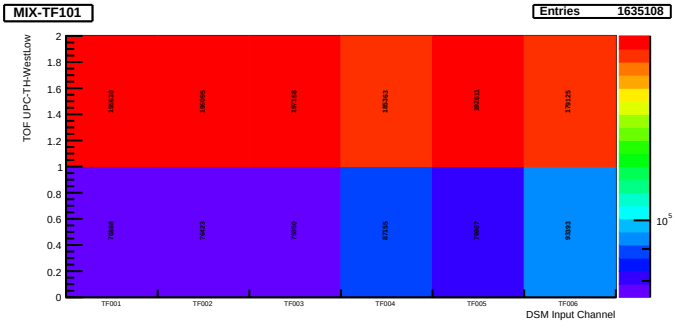

MIX-TF004
Entries 5722878
TOF MULT
TOF tray

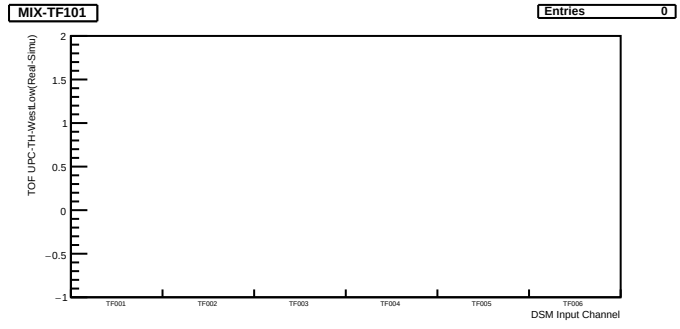

MIX-TF005
Entries 5722878
TOF MULT
TOF tray

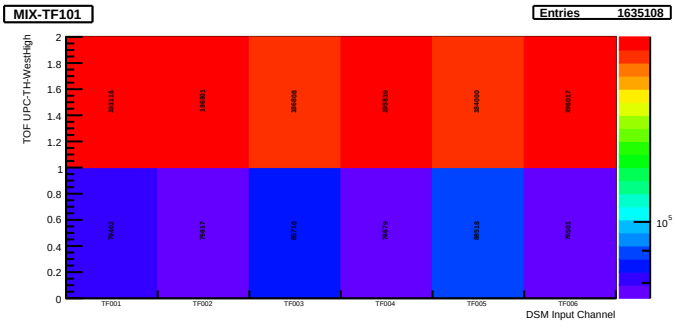

MIX-TF006
Entries 5722878
TOF MULT
TOF tray

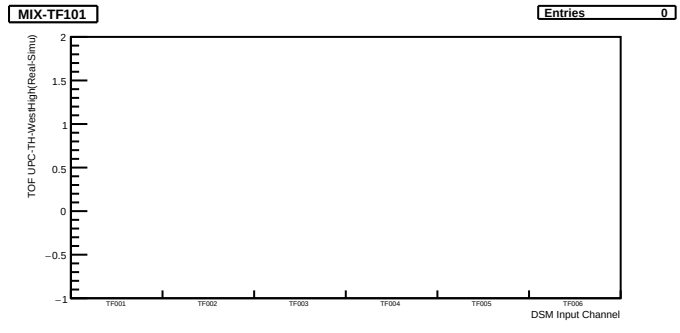

MIX-TF101
Entries 1635108
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

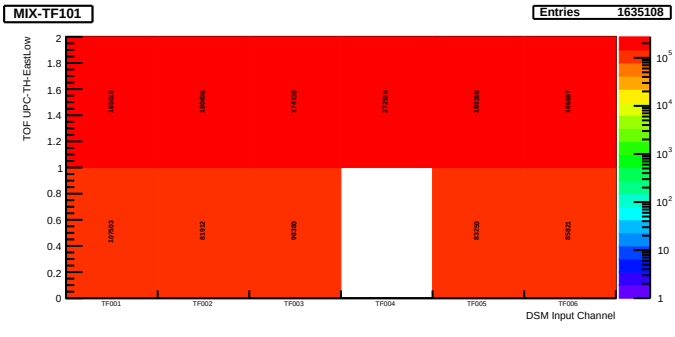

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

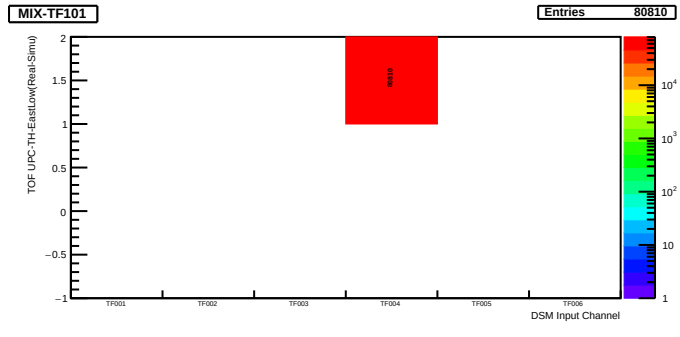

MIX-TF101
Entries 1635108
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

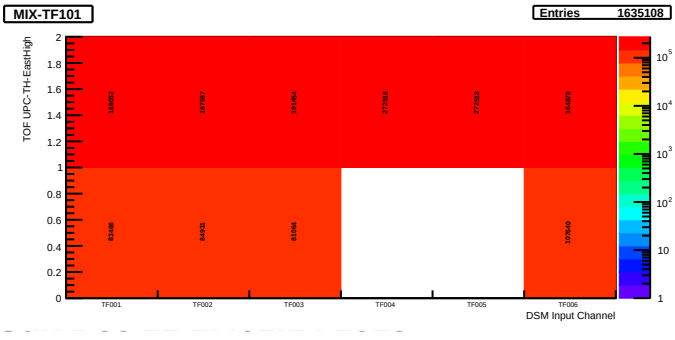

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

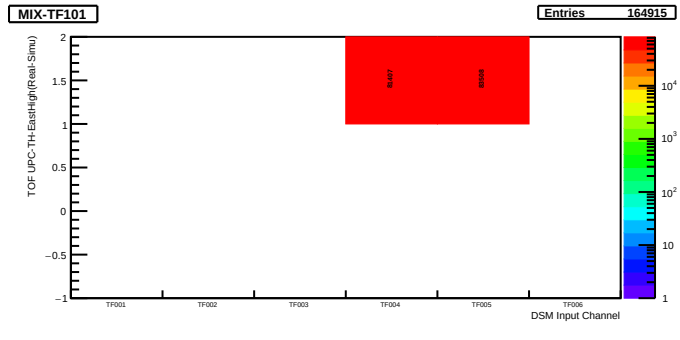

MIX-TF101
Entries 1635108
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

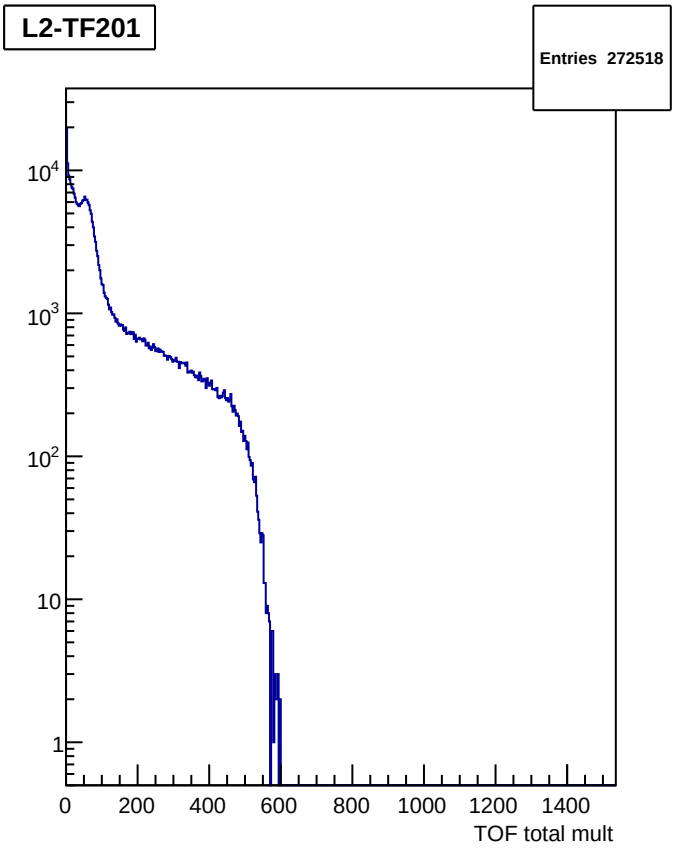

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

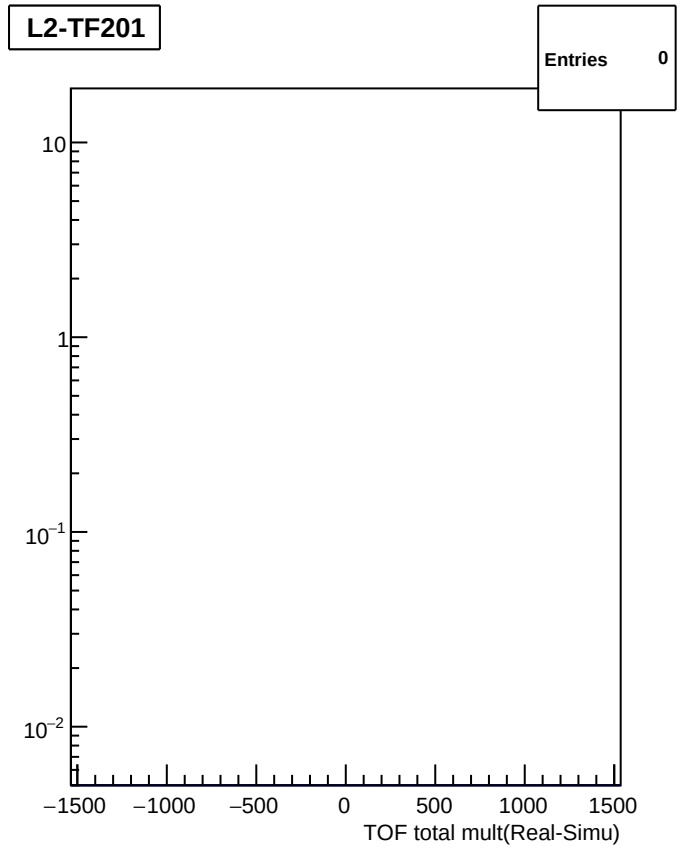

MIX-TF101
Entries 1635108
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

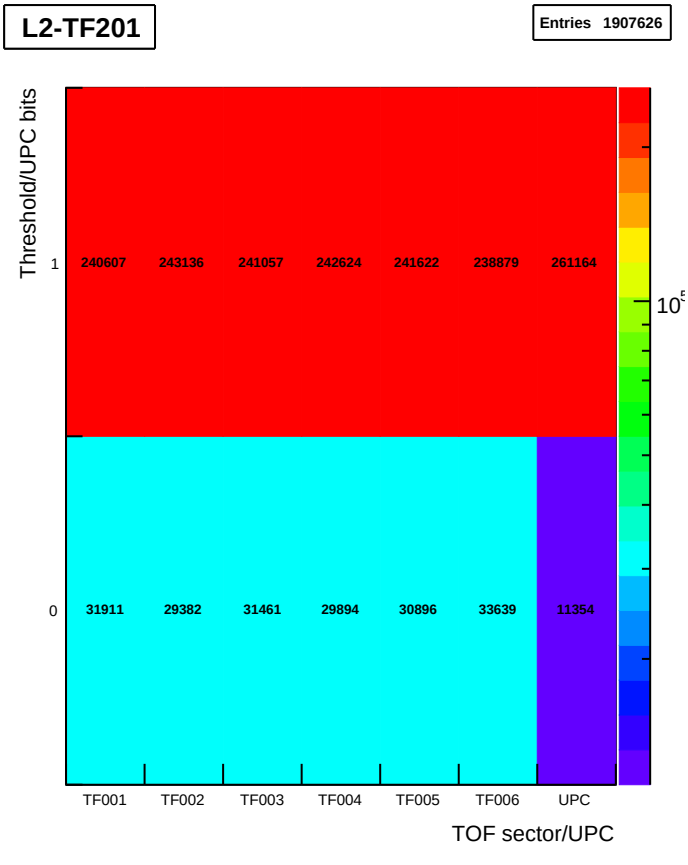

MIX-TF101
Entries 80810
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

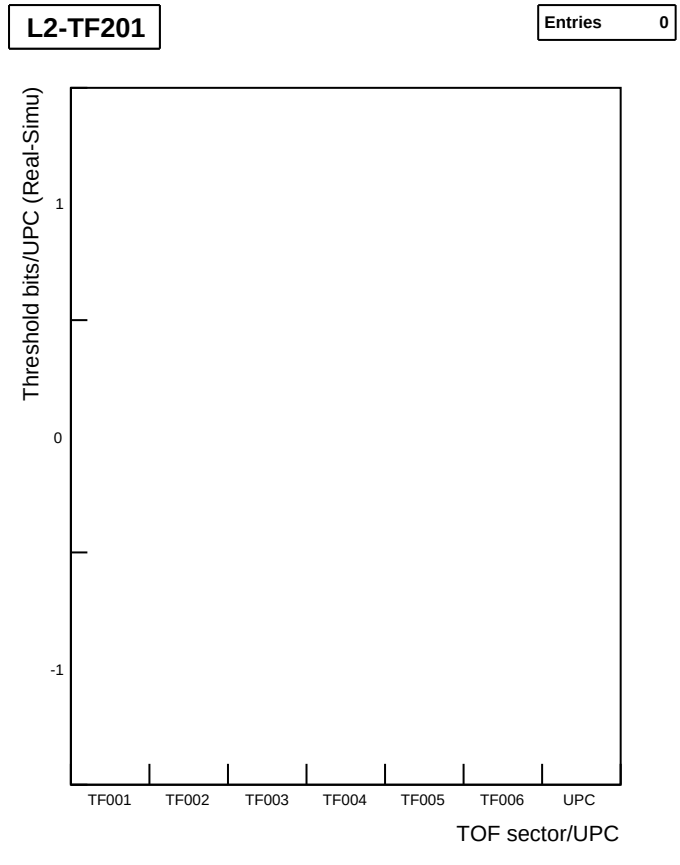

MIX-TF101
Entries 1635108
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

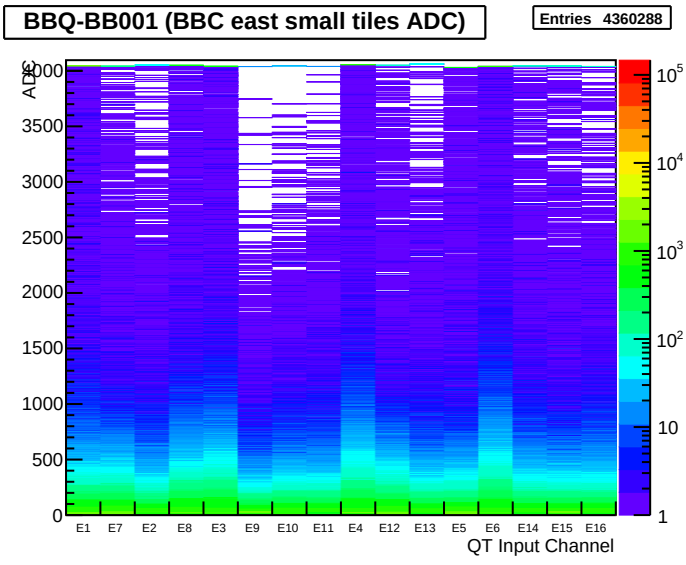

MIX-TF101
Entries 164915
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

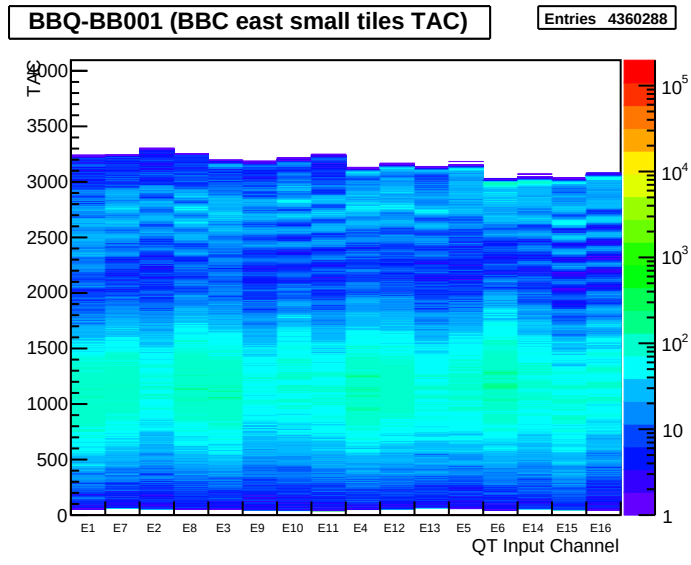

L2-TF201
Entries 272518
TOF total mult

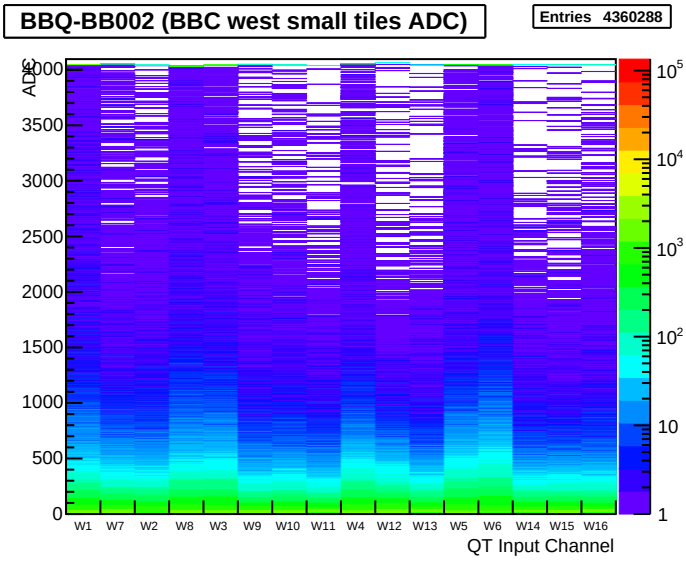

L2-TF201
Entries 0
TOF total mult(Real-Simu)

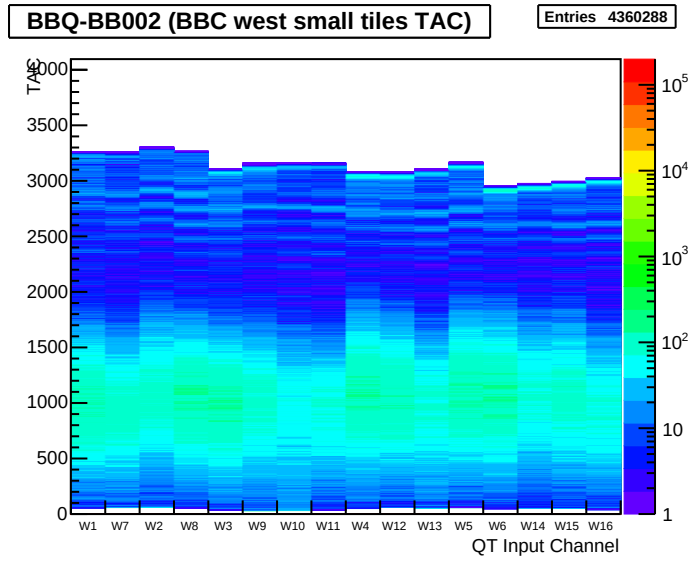

L2-TF201
Entries 1907626
Threshold/UPC bits
240607
243136
241057
242624
241622
238879
261164
31911
29382
31461
29894
30896
33639
11354
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

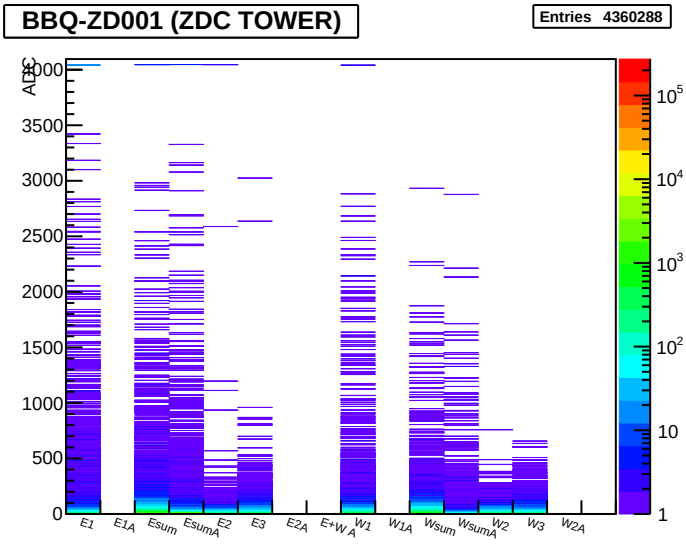

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

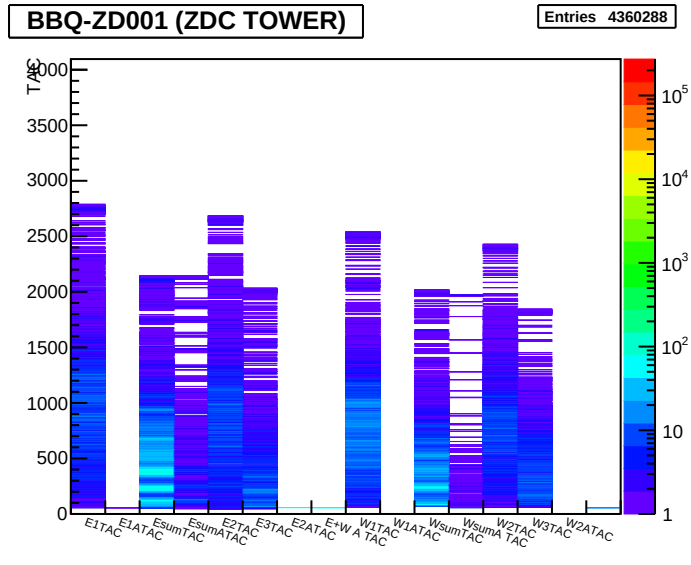

BBQ-BB001 (BBC east small tiles ADC)
Entries 4360288
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

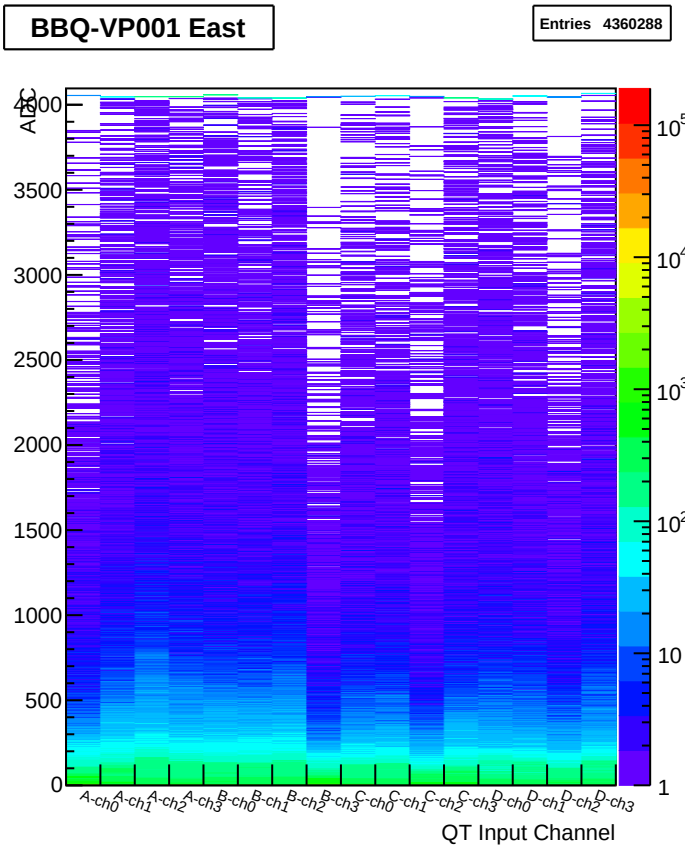

BBQ-BB001 (BBC east small tiles TAC)
Entries 4360288
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

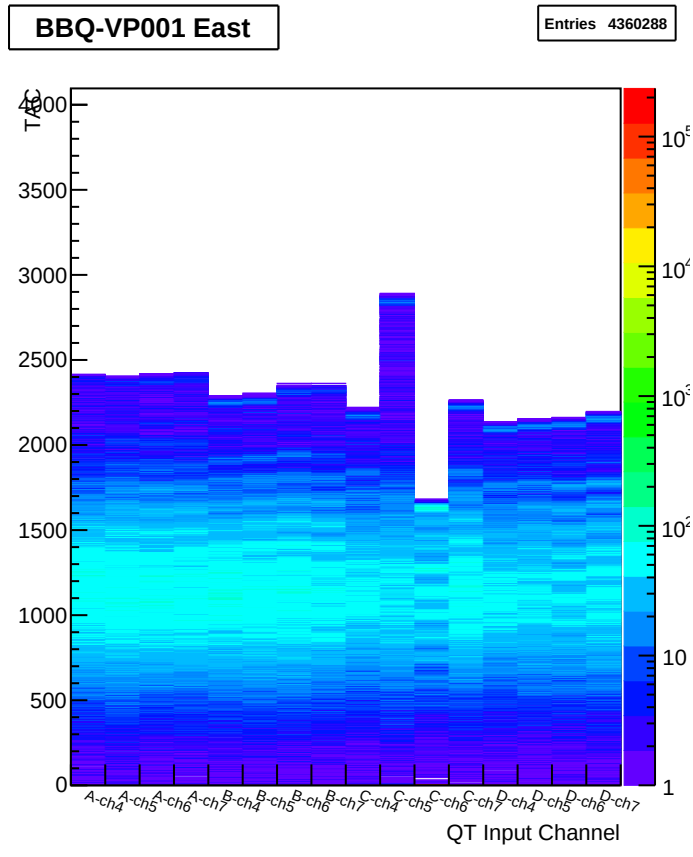

BBQ-BB002 (BBC west small tiles ADC)
Entries 4360288
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

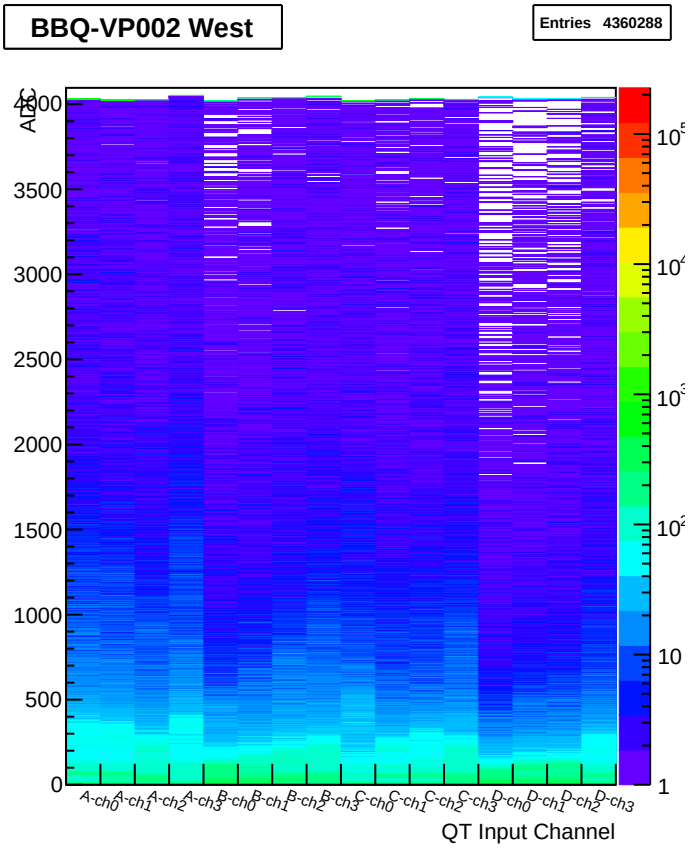

BBQ-BB002 (BBC west small tiles TAC)
Entries 4360288
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

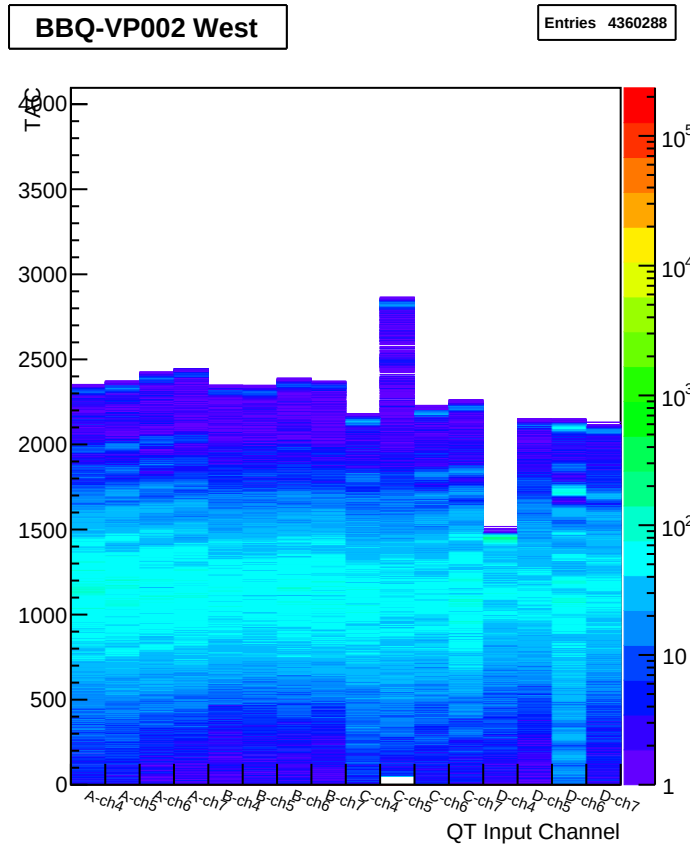

BBQ-ZD001 (ZDC TOWER)
Entries 4360288
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

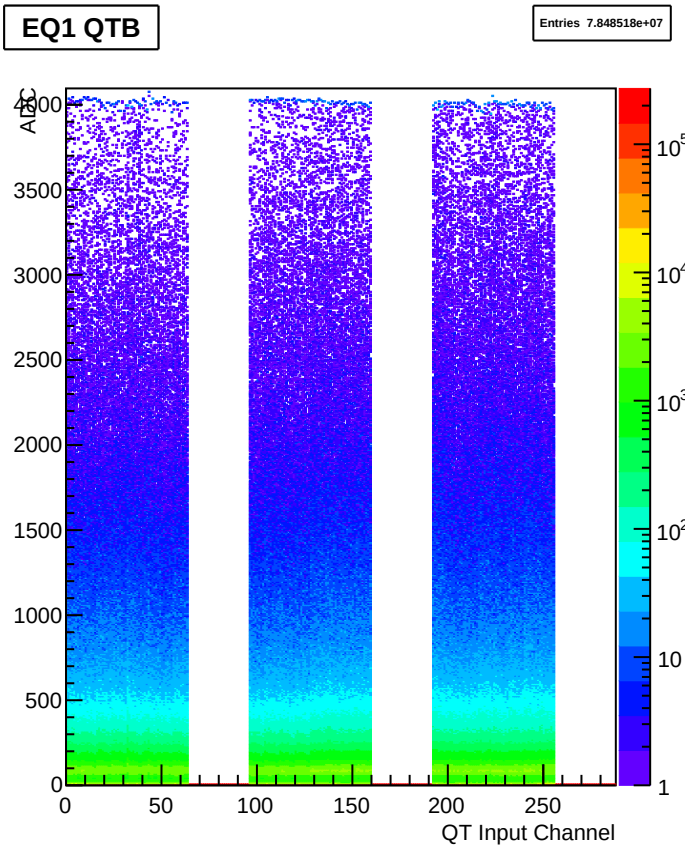

BBQ-ZD001 (ZDC TOWER)
Entries 4360288
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

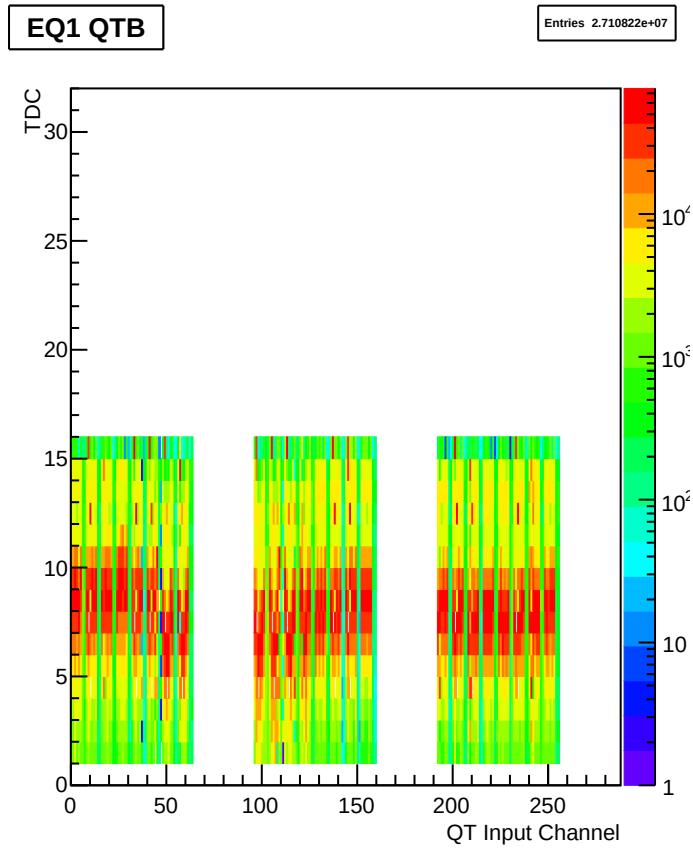

BBQ-VP001 East
Entries 4360288
ADC
QT Input Channel

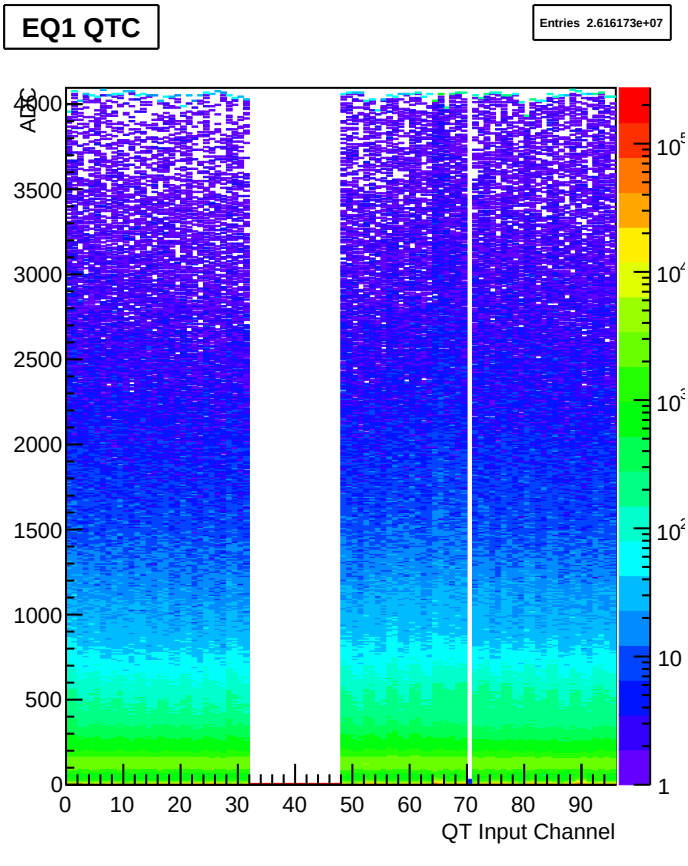

BBQ-VP001 East
Entries 4360288
ADC
QT Input Channel

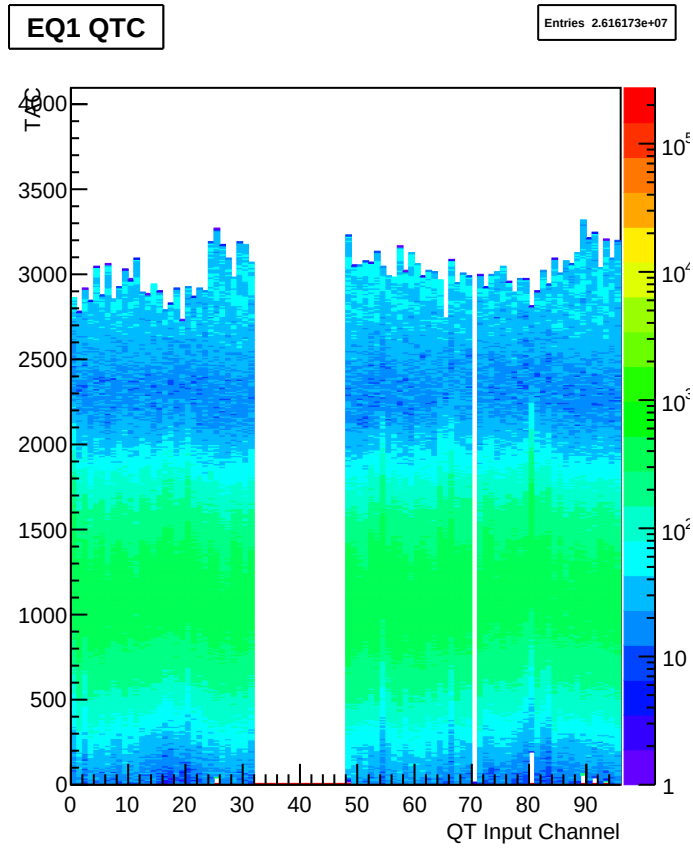

BBQ-VP002 West
Entries 4360288
ADC
QT Input Channel

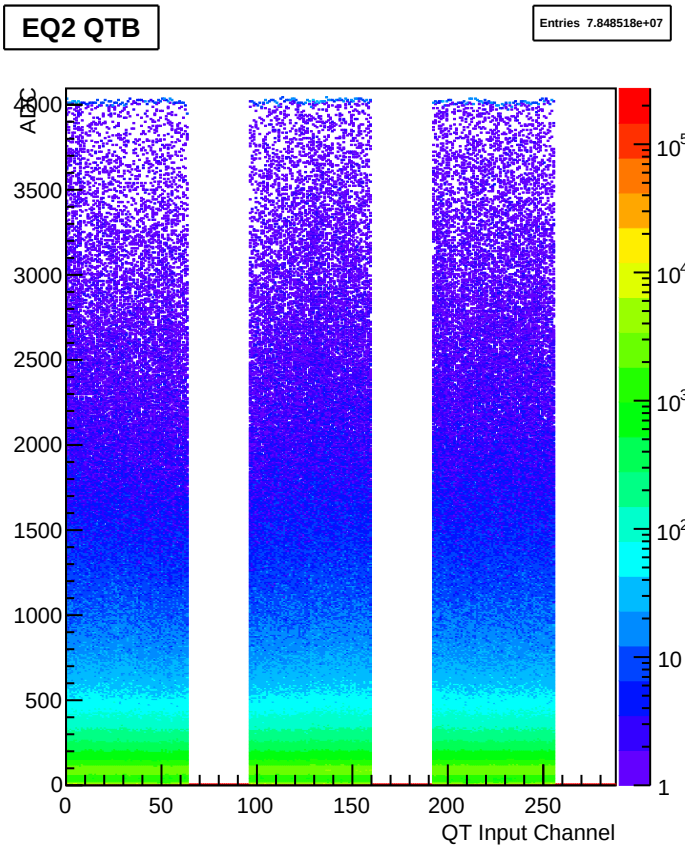

BBQ-VP002 West
Entries 4360288
ADC
QT Input Channel

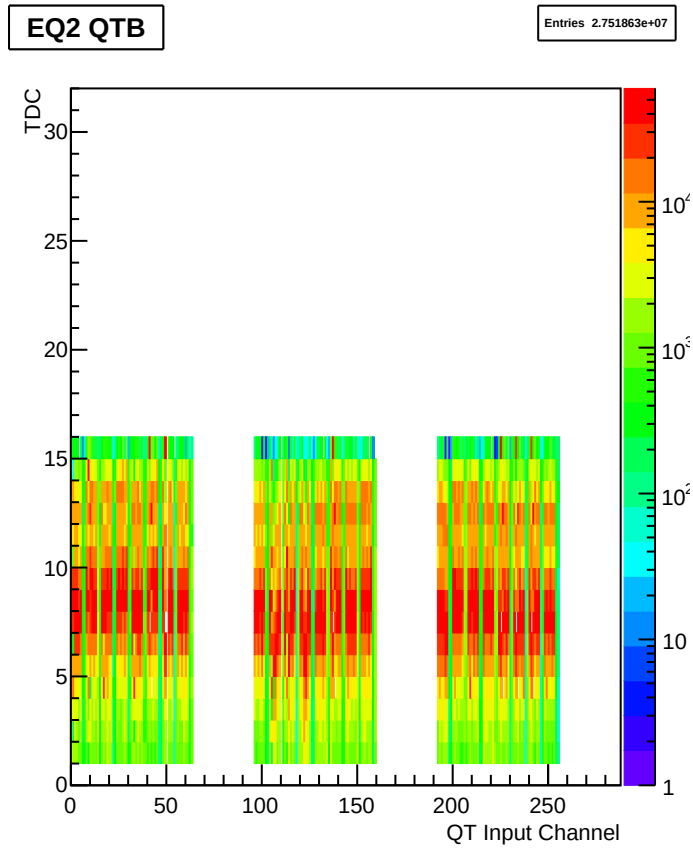

EQ1 QTB
Entries 7.848518e+07
ADC
QT Input Channel

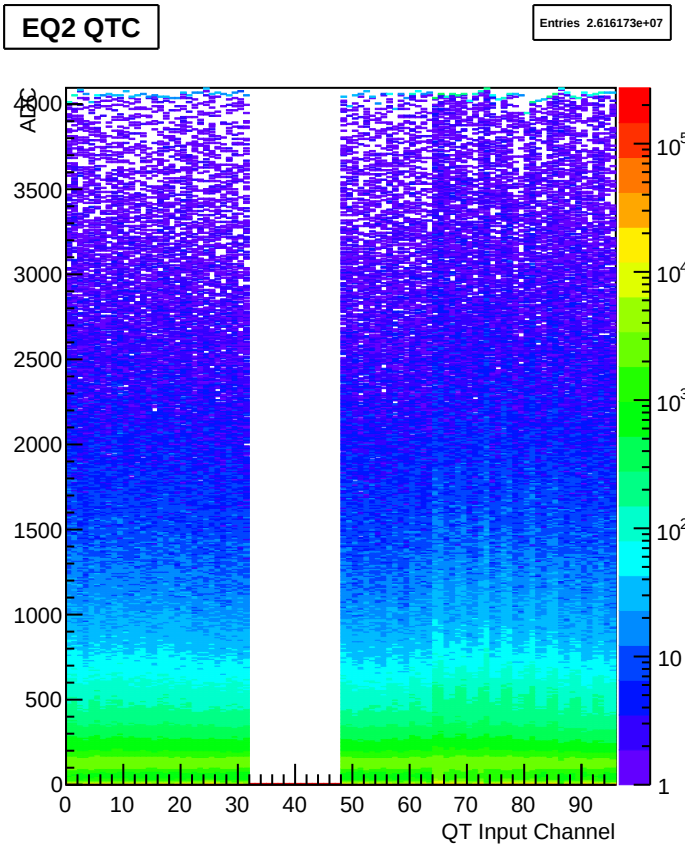

EQ1 QTB
Entries 2.710822e+07
TDC
QT Input Channel

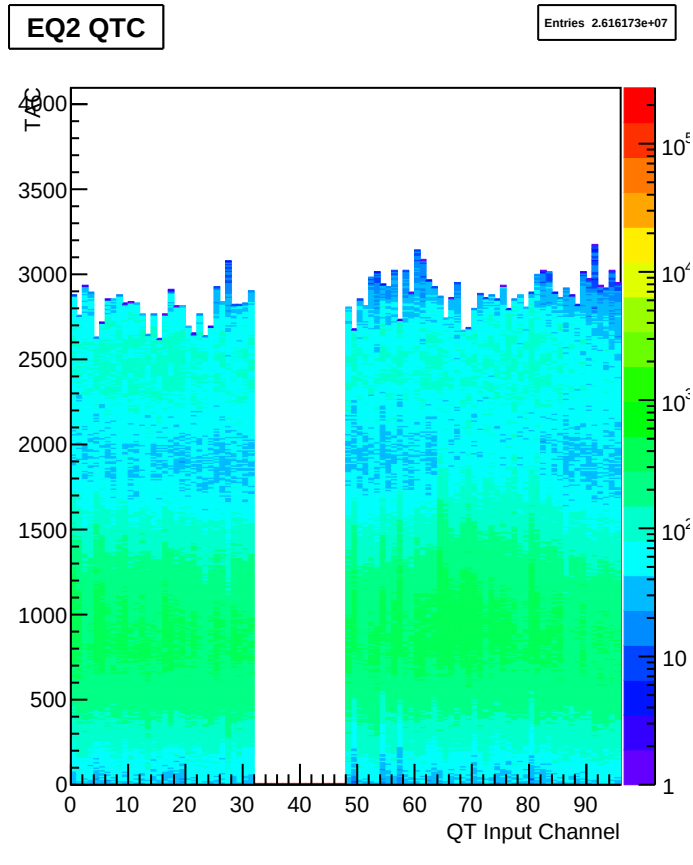

EQ1 QTC
Entries 2.616173e+07
ADC
QT Input Channel

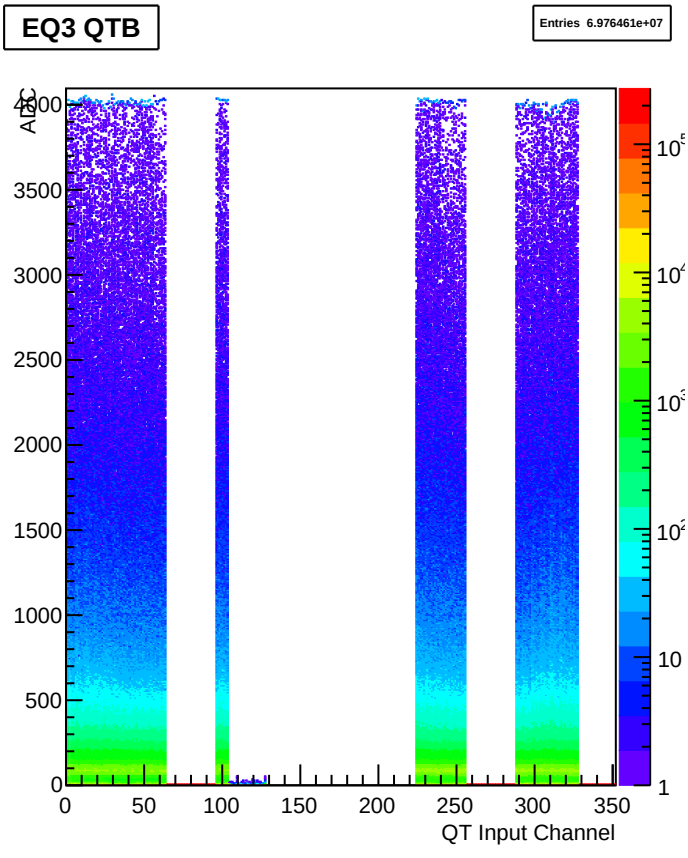

EQ1 QTC
Entries 2.616173e+07
TADC
QT Input Channel

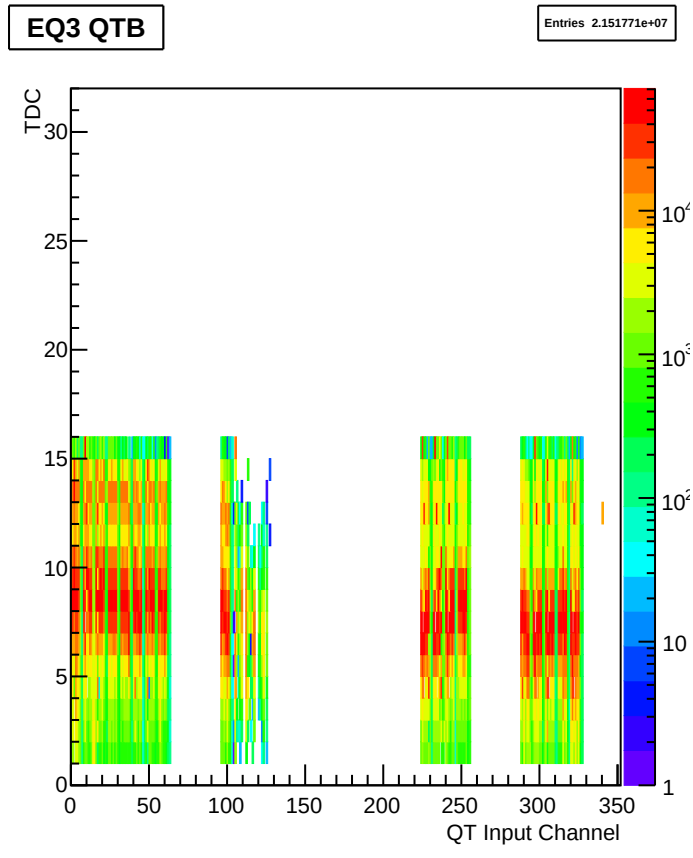

EQ2 QTB
Entries 7.848518e+07
ADC
QT Input Channel

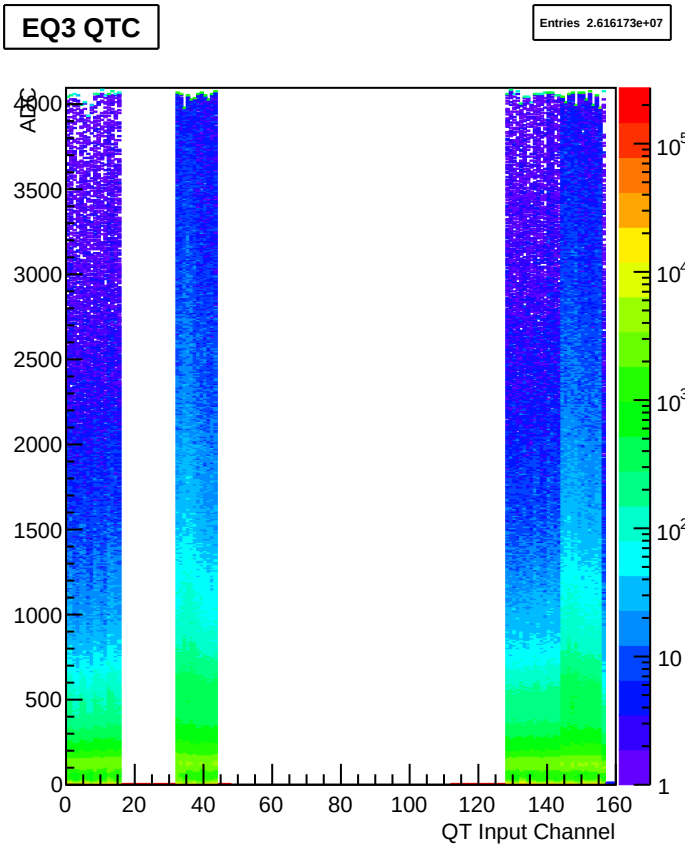

EQ2 QTB
Entries 2.751863e+07
TDC
QT Input Channel

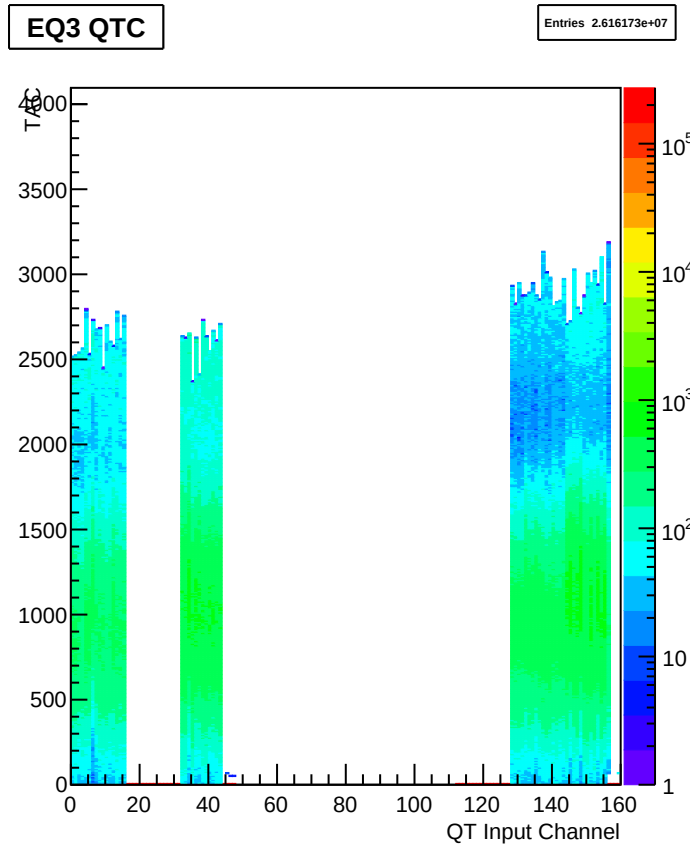

EQ2 QTC
Entries 2.616173e+07
ADC
QT Input Channel

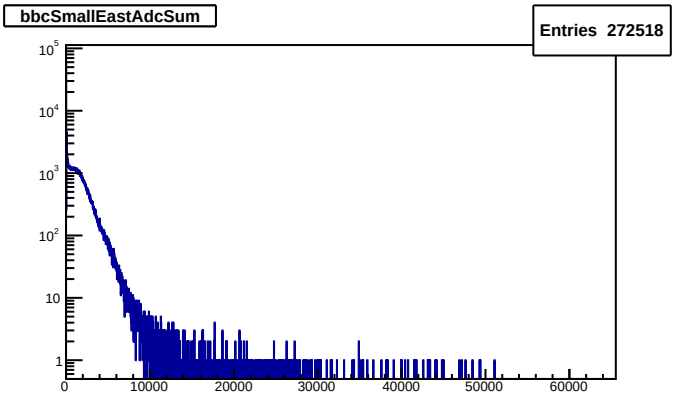

EQ2 QTC
Entries 2.616173e+07
TADC
QT Input Channel

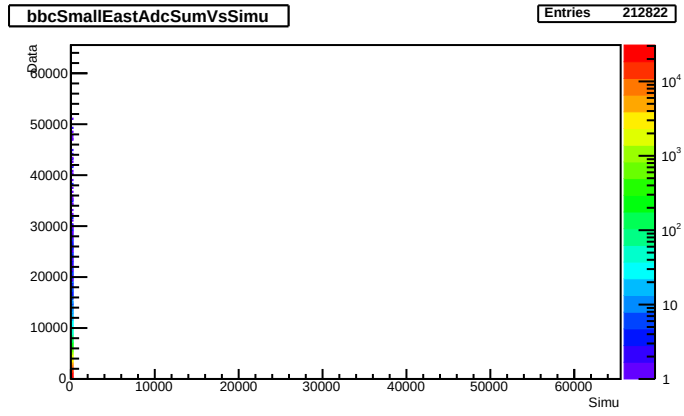

EQ3 QTB
Entries 6.976461e+07
ADC
QT Input Channel

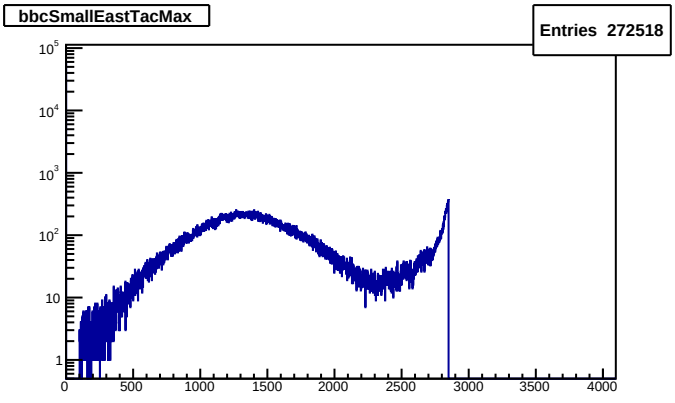

EQ3 QTB
Entries 2.151771e+07
TDC
QT Input Channel

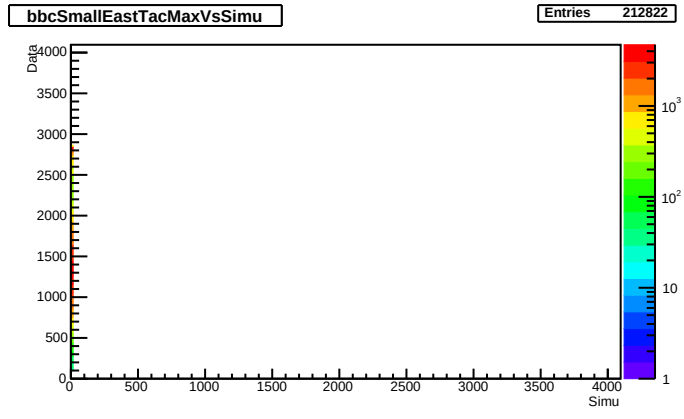

EQ3 QTC
Entries 2.616173e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.616173e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 272518


bbcSmallEastAdcSumVsSimu
Entries 212822
Data
Simu


bbcSmallEastTacMax
Entries 272518


bbcSmallEastTacMaxVsSimu
Entries 212822
Data
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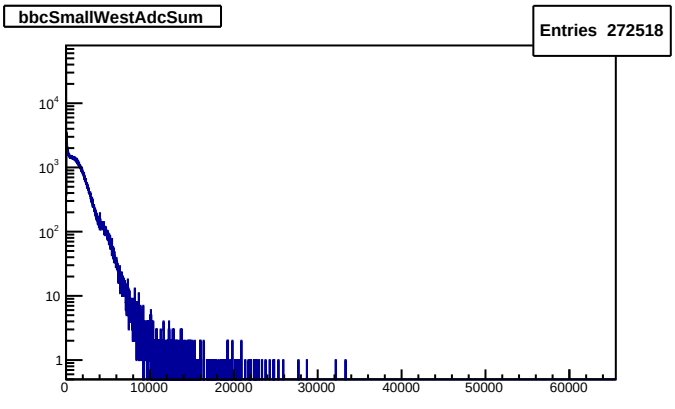
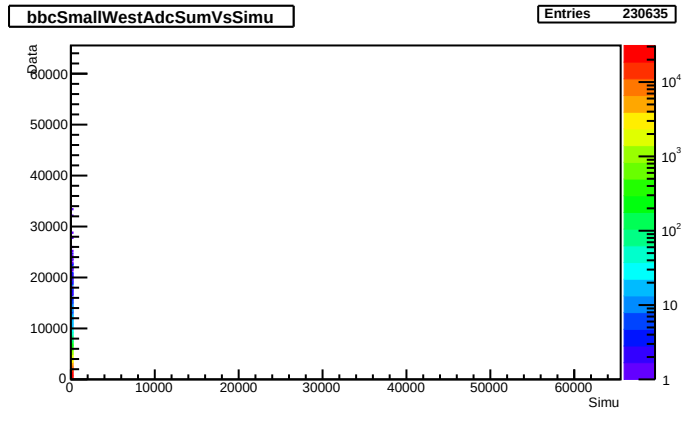
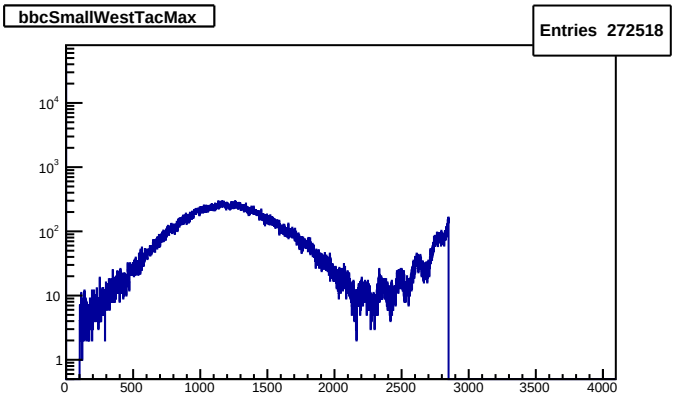
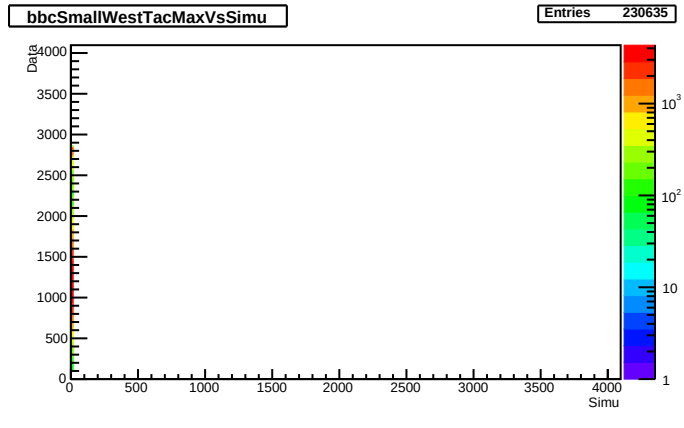
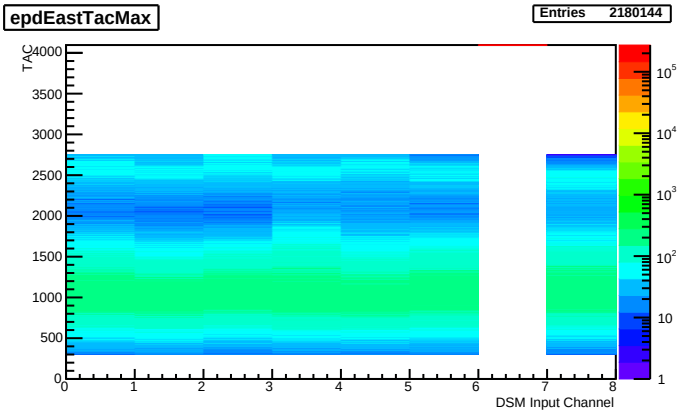
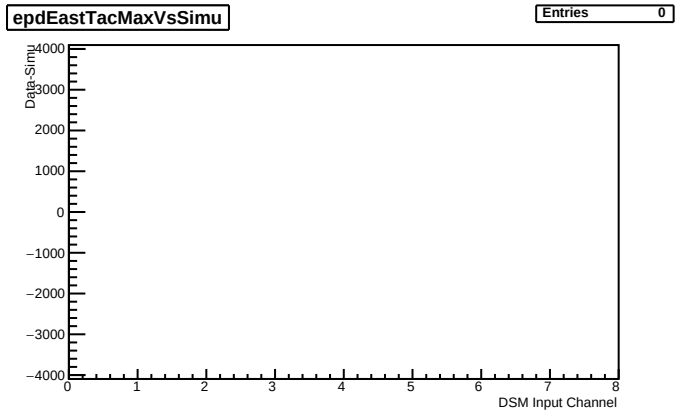

bbcSmallWestAdcSum
Entries 272518


bbcSmallWestAdcSumVsSimu
Entries 230635
Data
Simu


bbcSmallWestTacMax
Entries 272518


bbcSmallWestTacMaxVsSimu
Entries 230635
Data
Simu


epdEastTacMax
Entries 2180144
TAC
DSM Input Channel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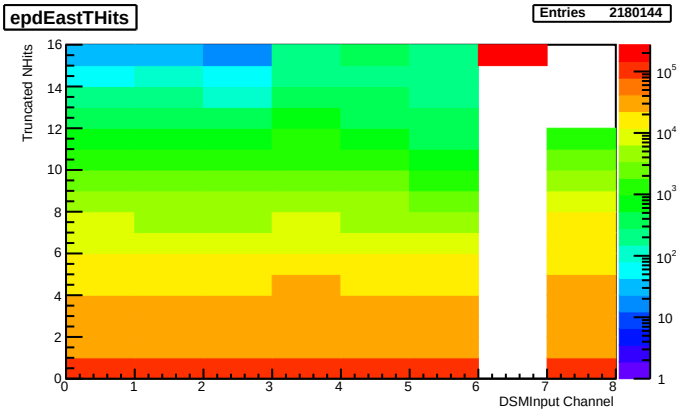
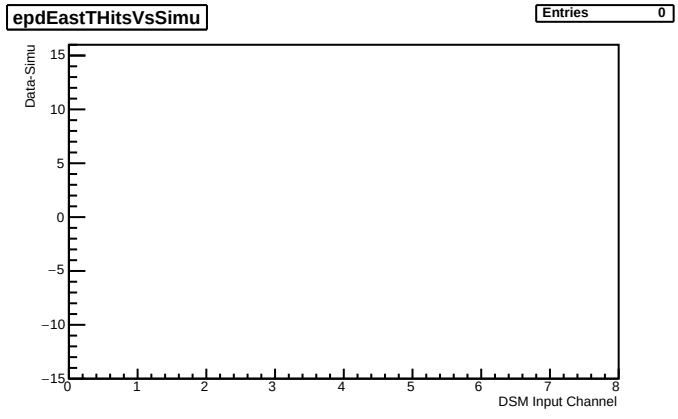
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2180144
Truncated NHits
DSMInput Channel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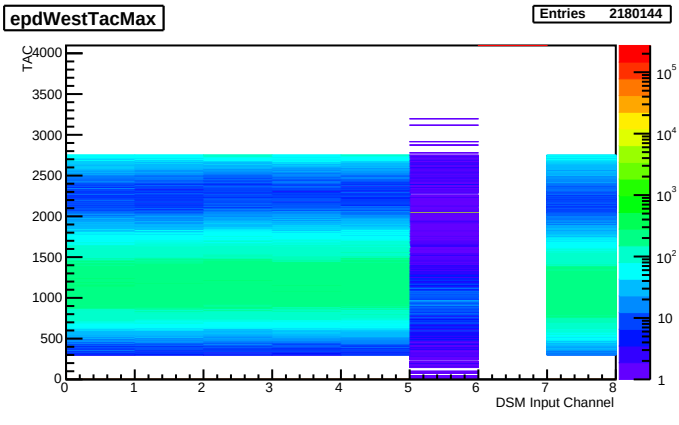
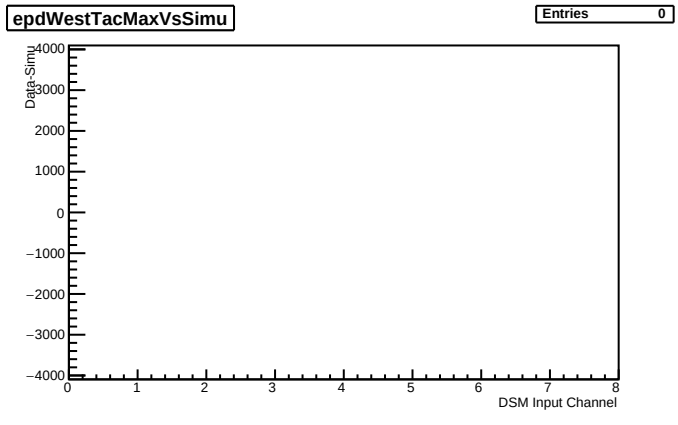
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2180144
TAC
DSM Input Channel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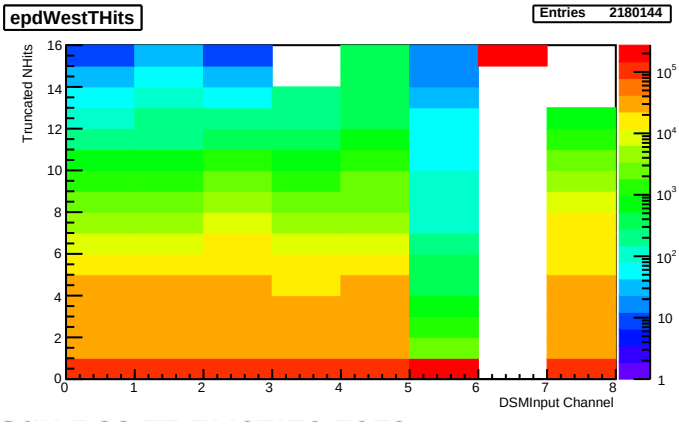
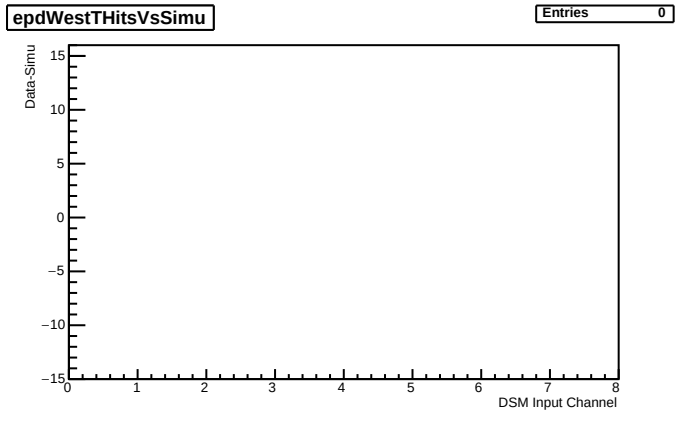
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2180144
Truncated NHits
DSMInput Channel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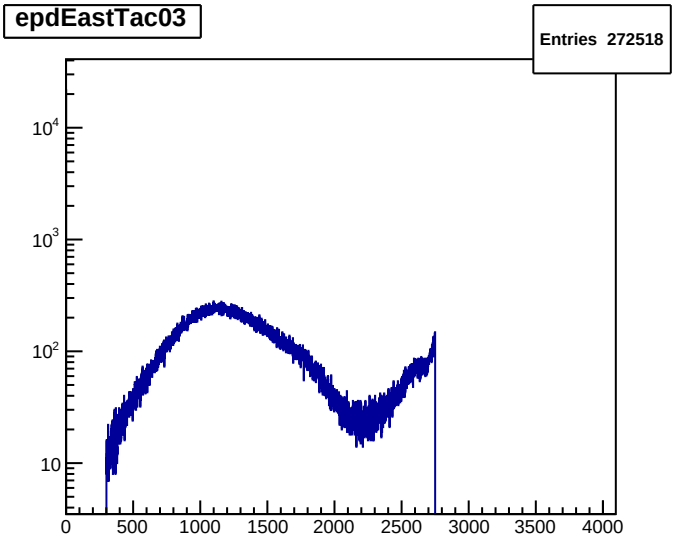
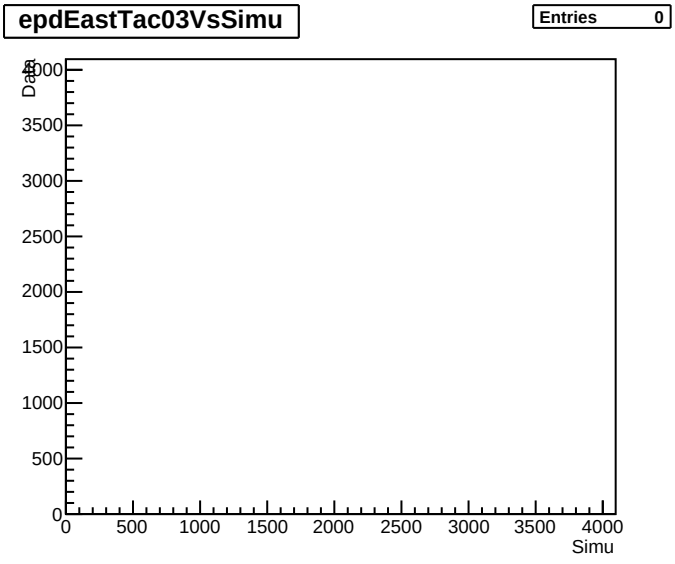
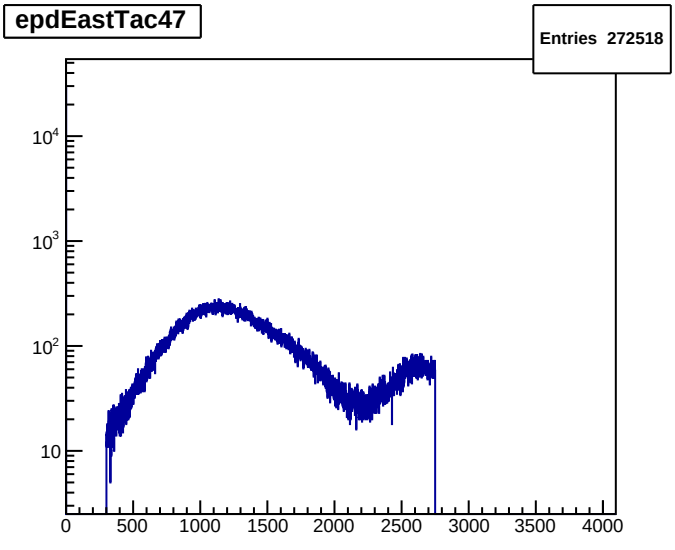
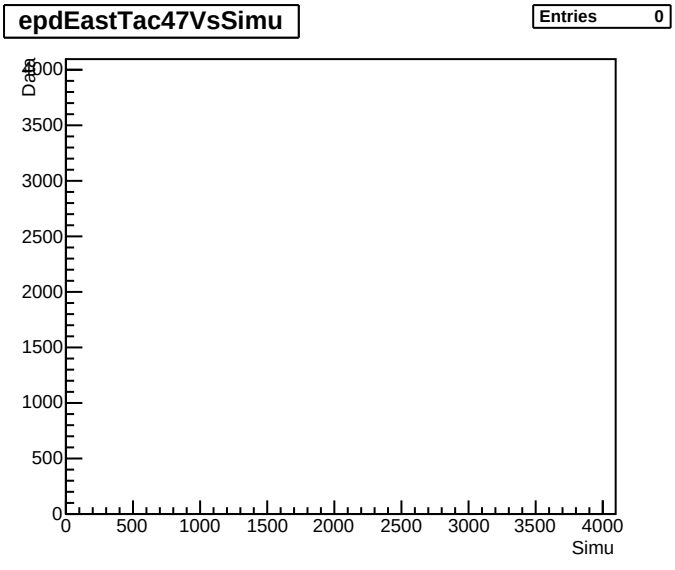
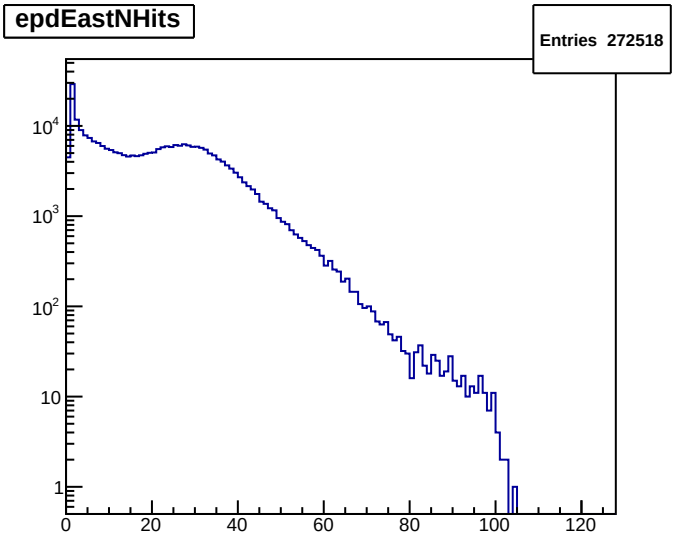
Entries 0
Data-Simu
DSM Input Channel

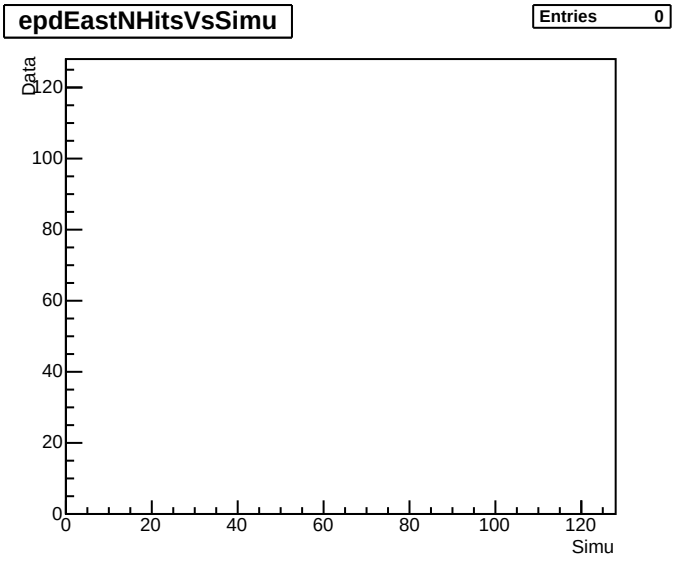

epdEastTac03
Entries 272518


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 272518


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 272518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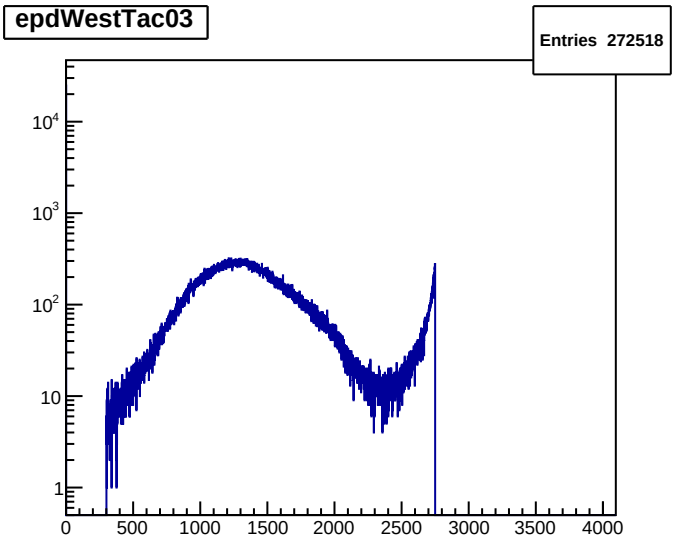
Entries 0
Data
Simu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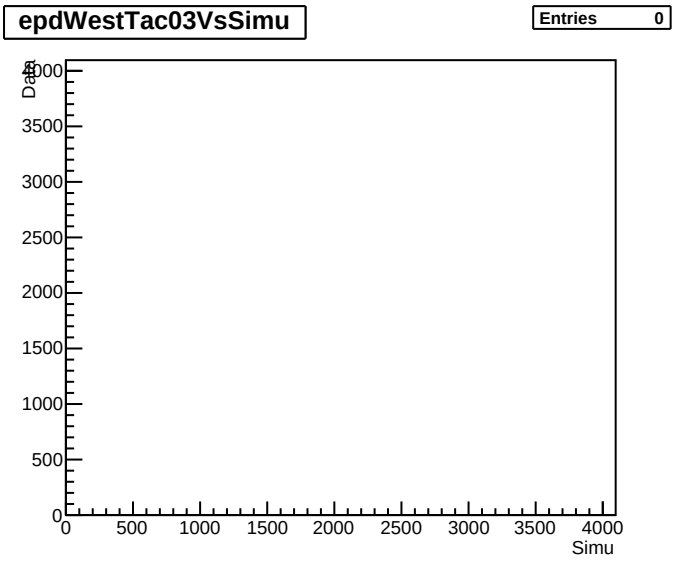
Entries 272518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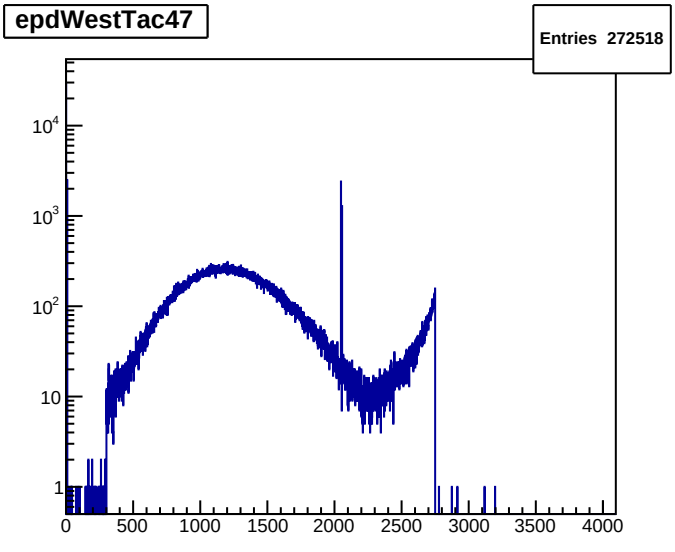
Entries 0
Data
Simu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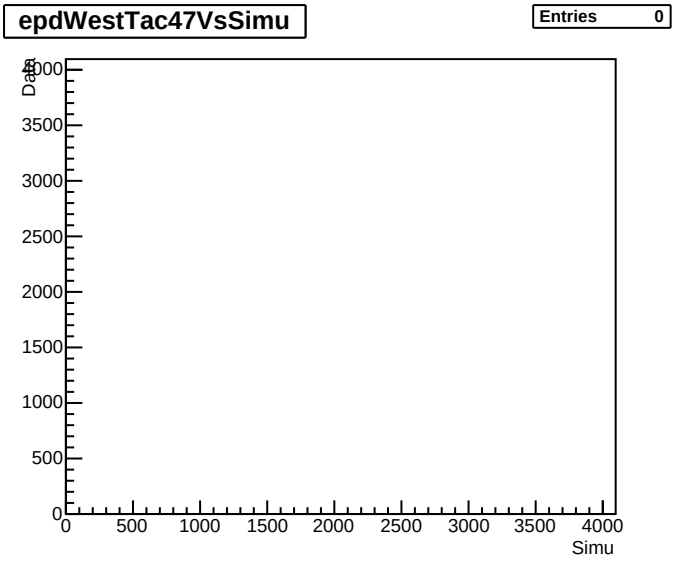
Entries 272518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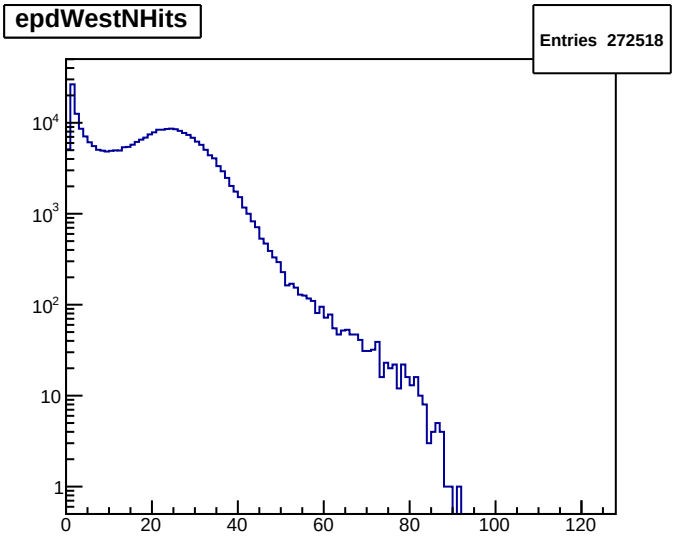
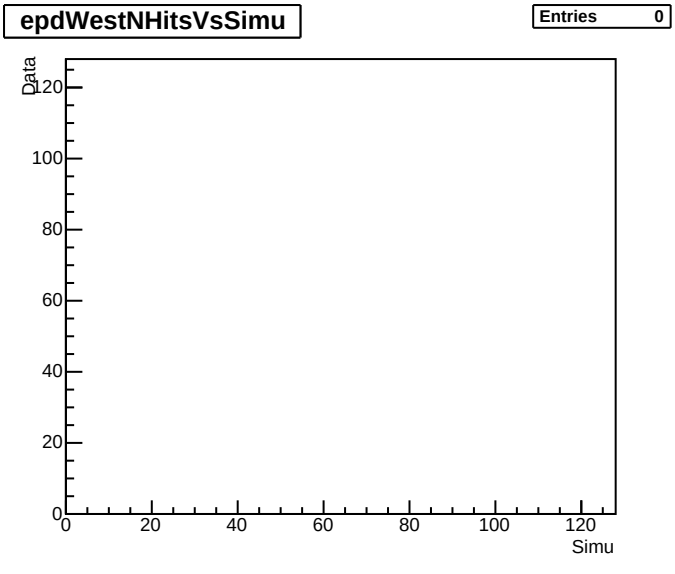
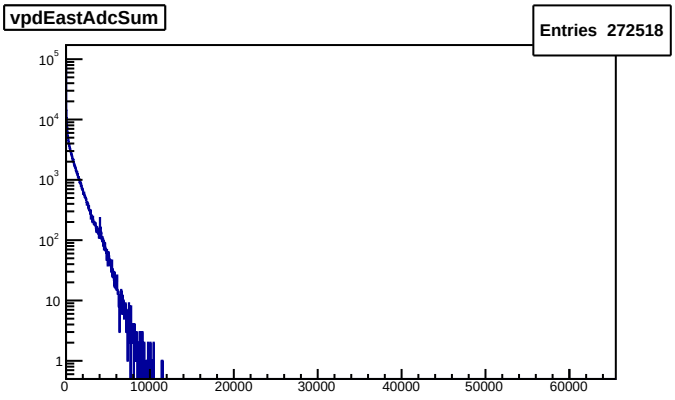
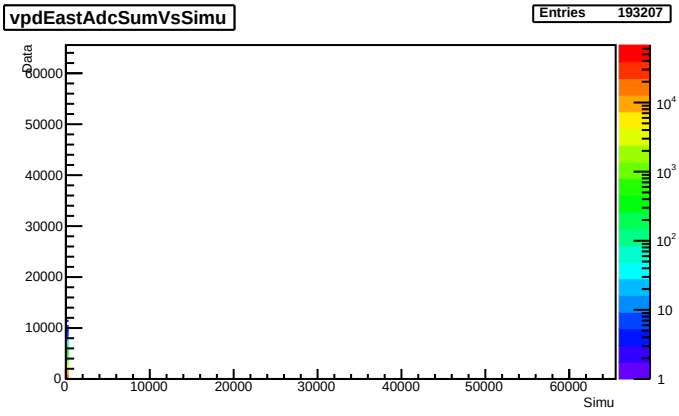
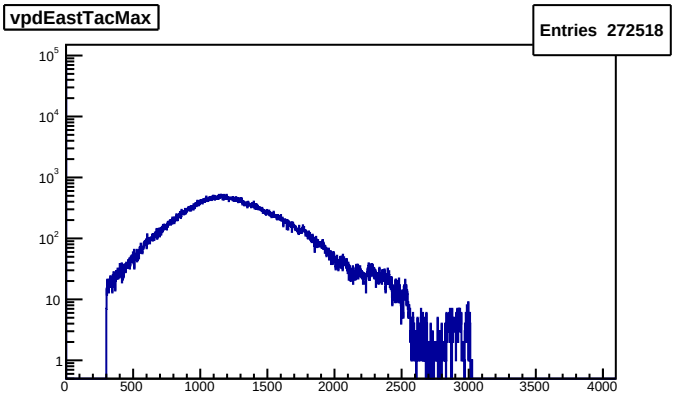
Entries 0
Data
Simu

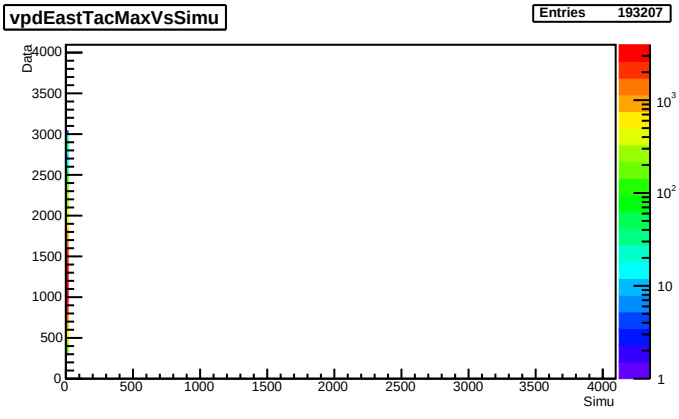

epdWestNHits
Entries 272518

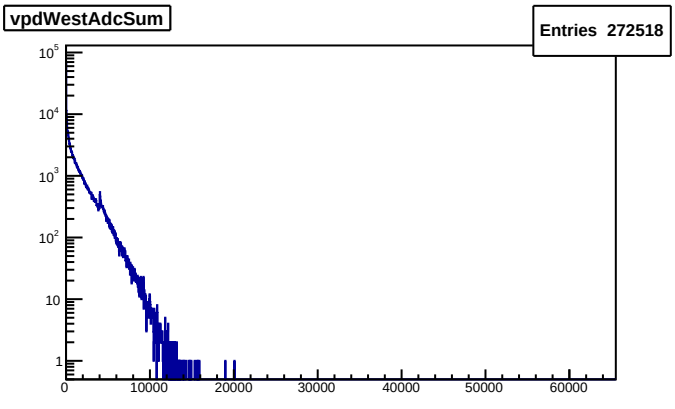

epdWestNHitsVsSimu
Entries 0
Data
Simu

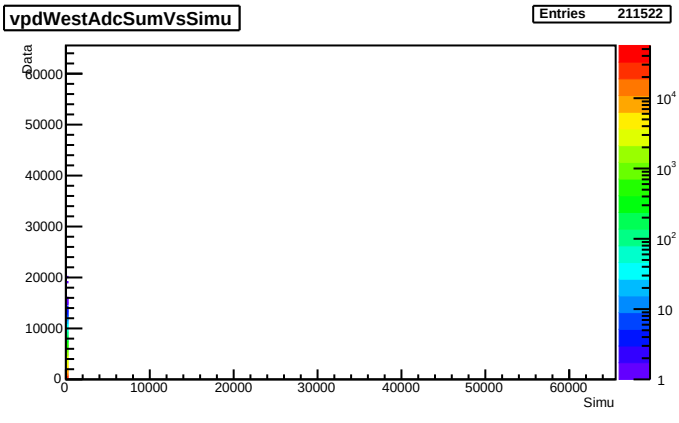

vpdEastAdcSum
Entries 272518

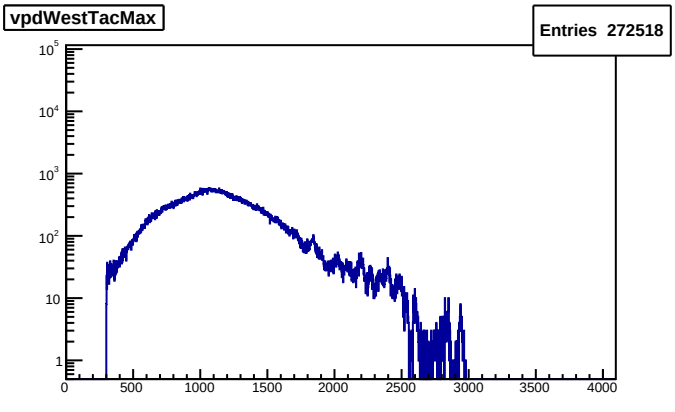

vpdEastAdcSumVsSimu
Entries 193207
Data
Simu

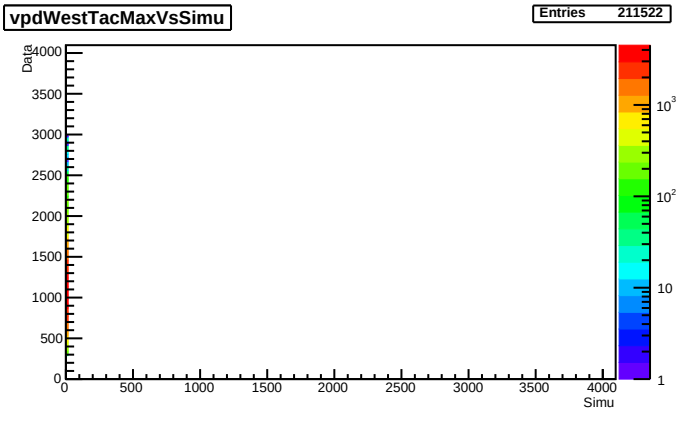

vpdEastTacMax
Entries 272518

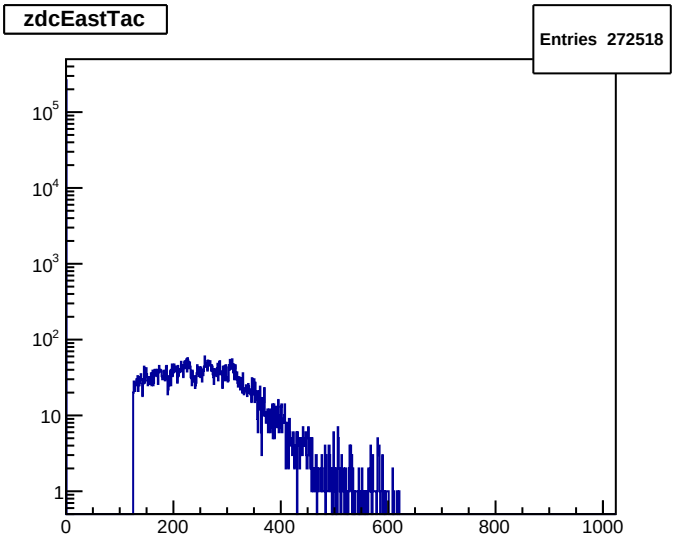

vpdEastTacMaxVsSimu
Entries 193207
Data
Simu

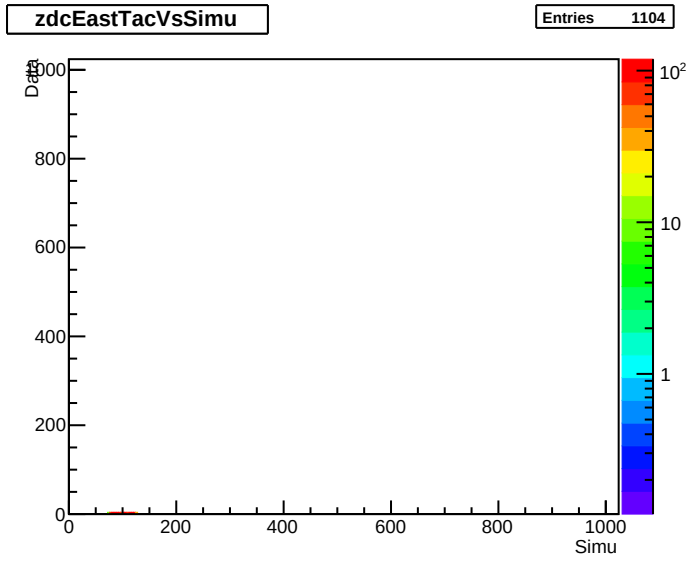

vpdWestAdcSum
Entries 272518

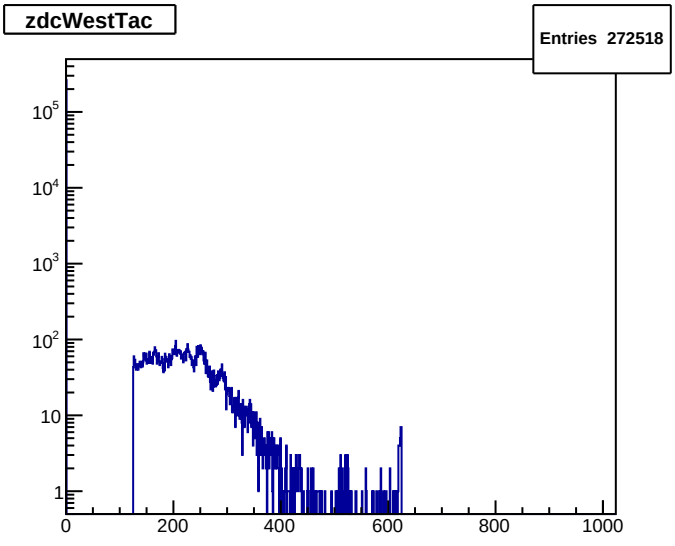

vpdWestAdcSumVsSimu
Entries 211522
Data
Simu

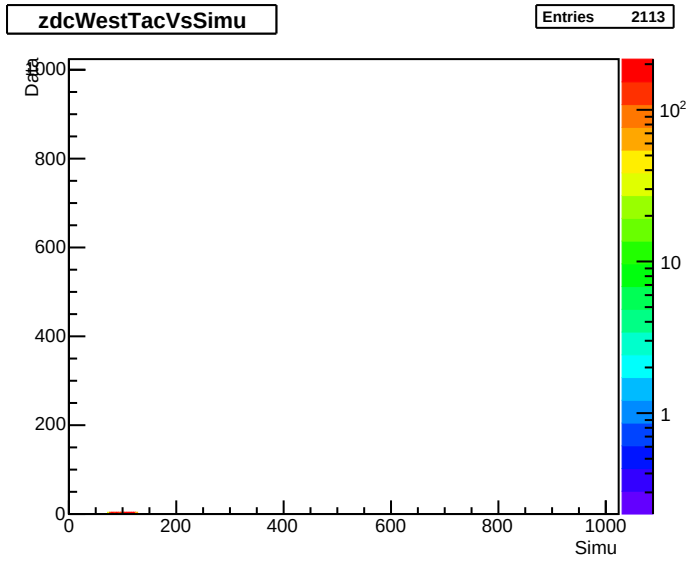

vpdWestTacMax
Entries 272518

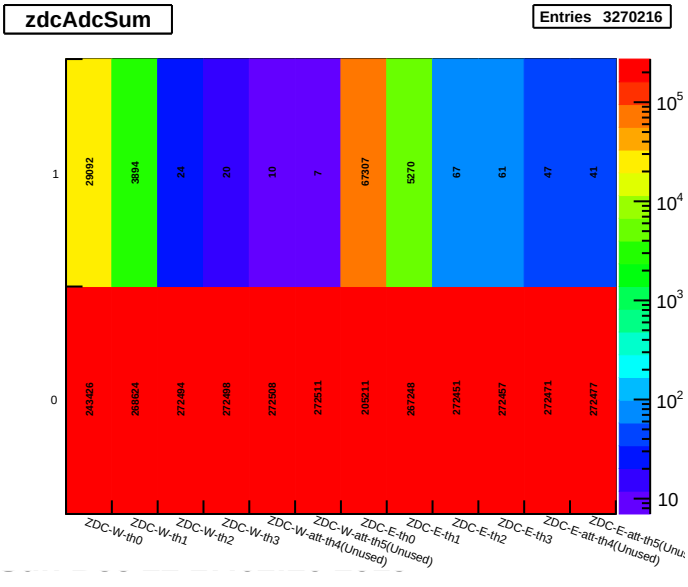

vpdWestTacMaxVsSimu
Entries 211522
Data
Simu

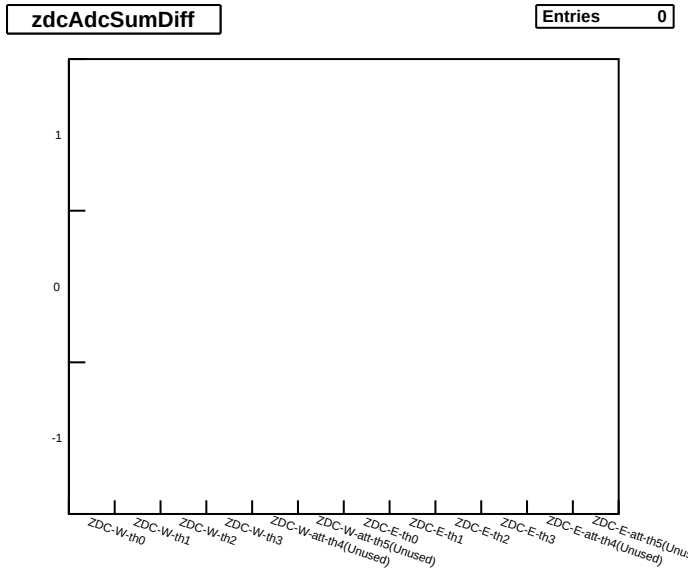

zdcEastTac
Entries 272518

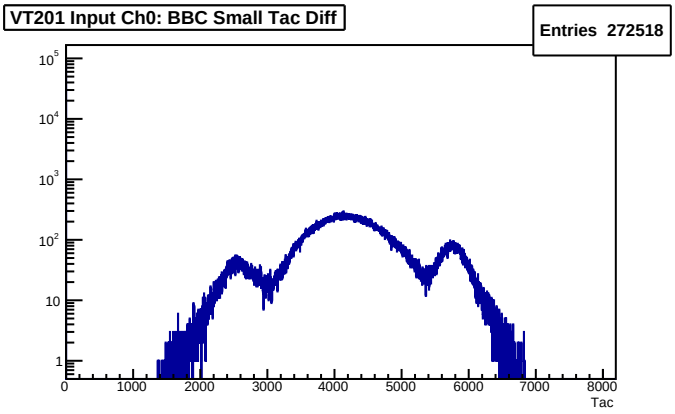

zdcEastTacVsSimu
Entries 1104
Data
Simu

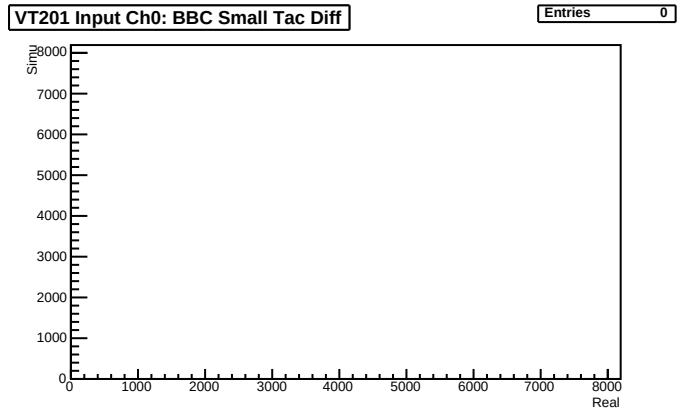

zdcWestTac
Entries 272518

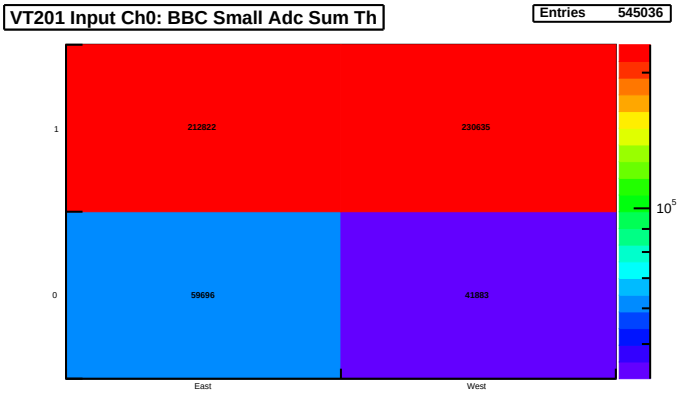

zdcWestTacVsSimu
Entries 2113
Data
Simu

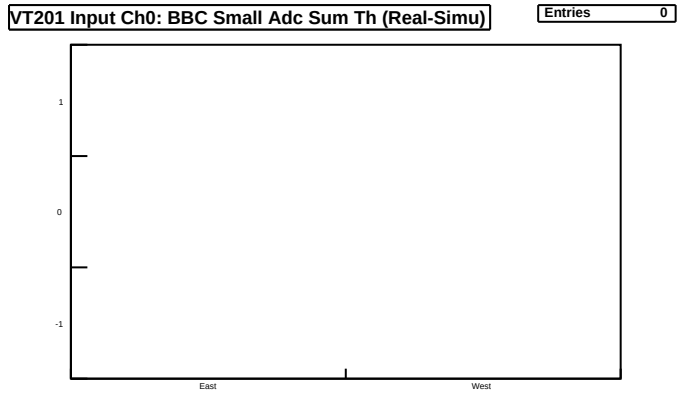

zdcAdcSum
Entries 3270216
29092
3894
24
20
10
7
67307
5270
67
61
47
41
243426
268624
272494
272498
272508
272511
205211
267248
272451
272457
272471
272477
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

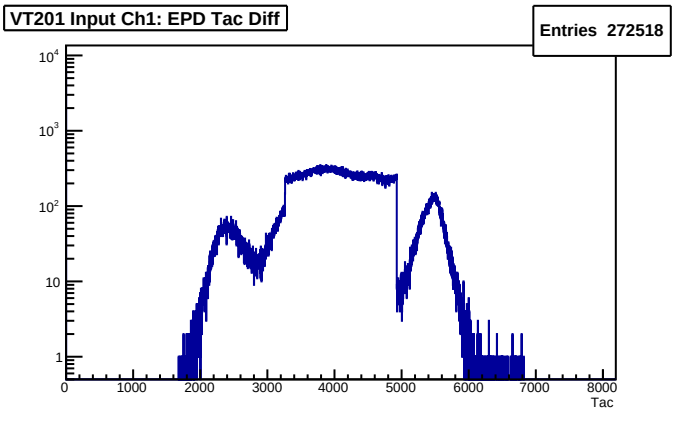

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

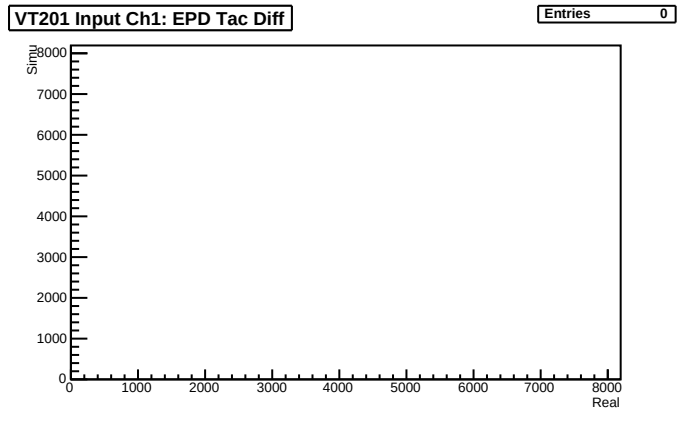

VT201 Input Ch0: BBC Small Tac Diff
Entries 272518
Tac

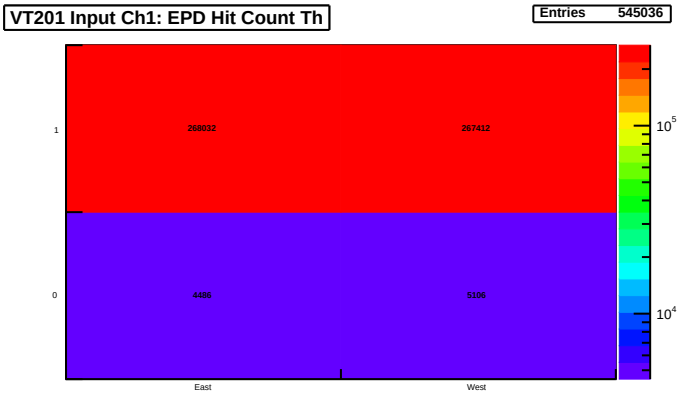

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

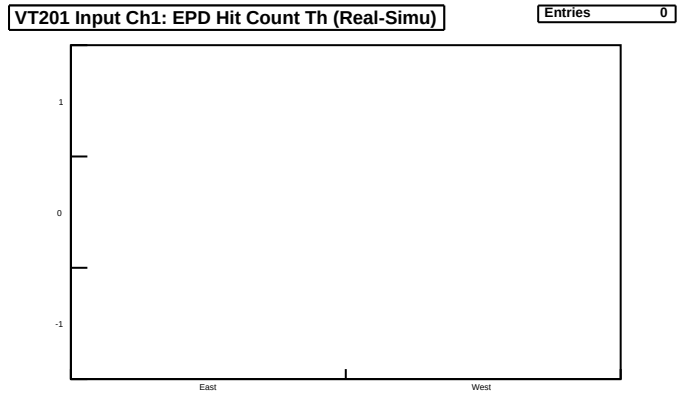

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 545036
212822
230635
59696
41883
East
West

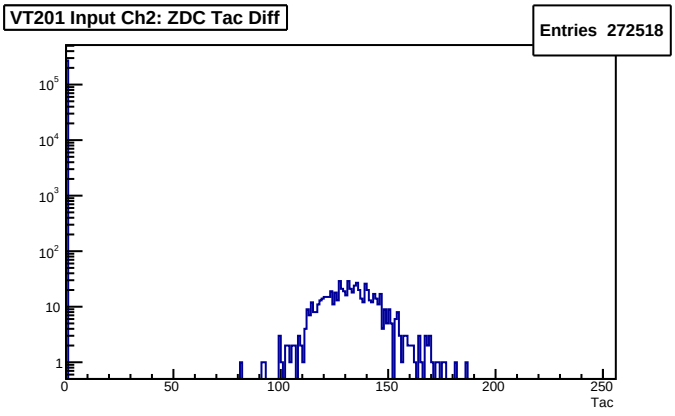

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

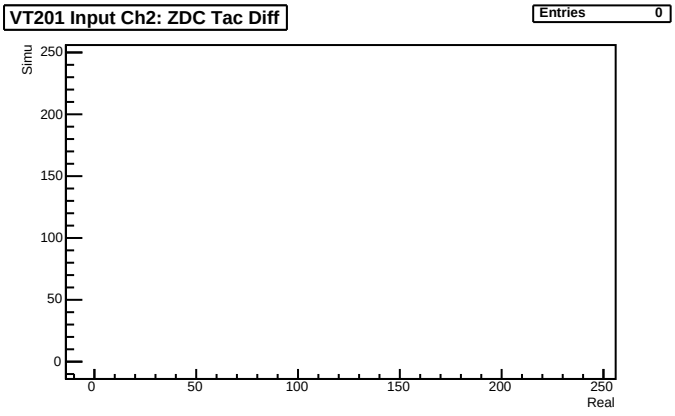

VT201 Input Ch1: EPD Tac Diff
Entries 272518
Tac

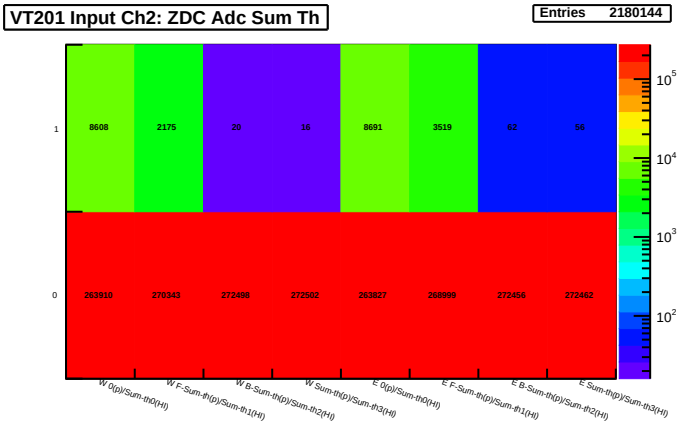

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

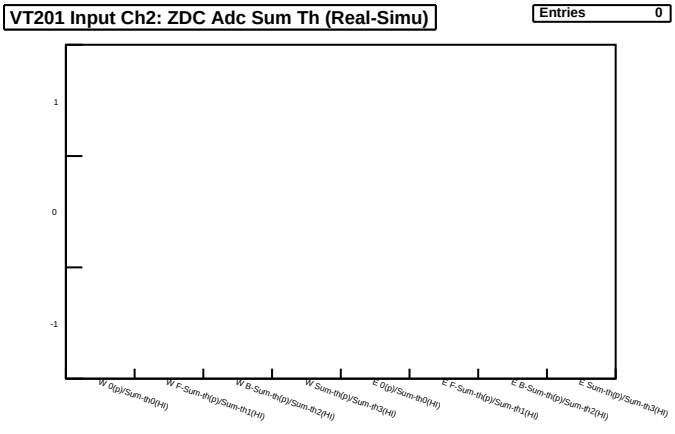

VT201 Input Ch1: EPD Hit Count Th
Entries 545036
268032
267412
4486
5106
East
West

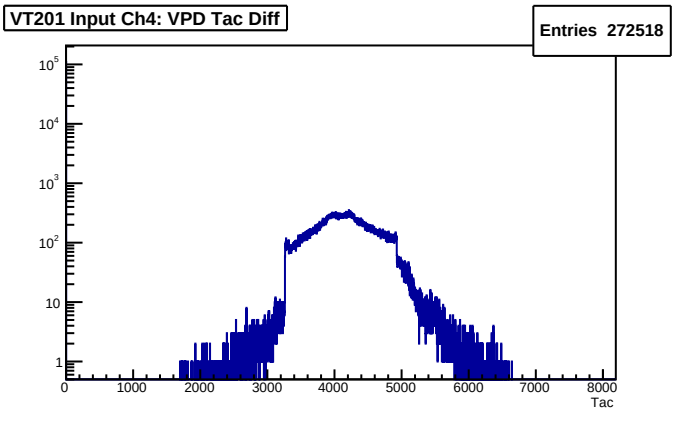

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

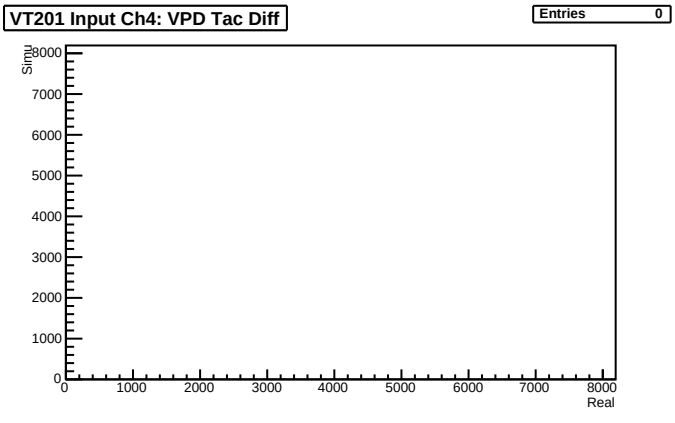

VT201 Input Ch2: ZDC Tac Diff
Entries 272518
Tac

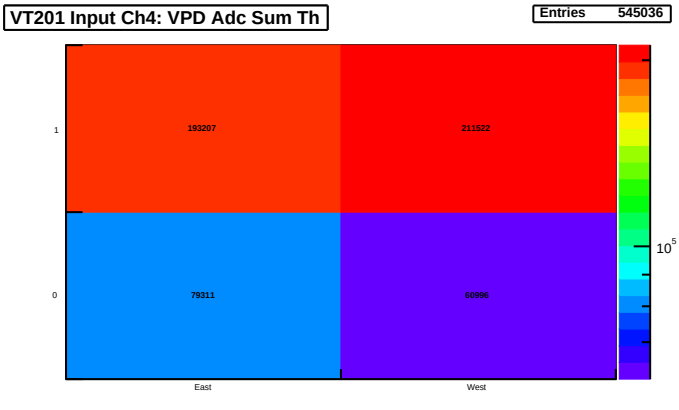

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

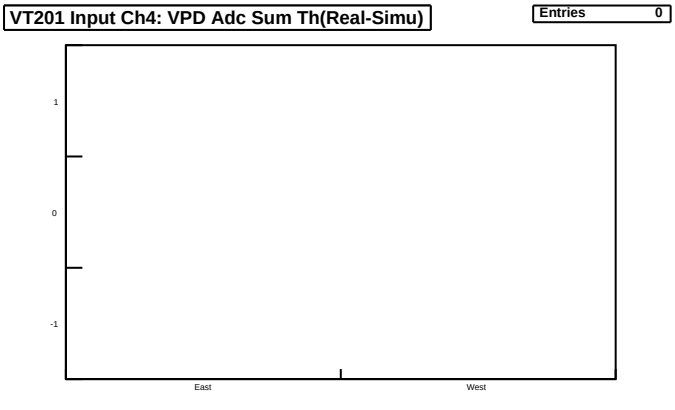

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2180144
8608
2175
20
16
8691
3519
62
56
263910
270343
272498
272502
263827
268999
272456
272462
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

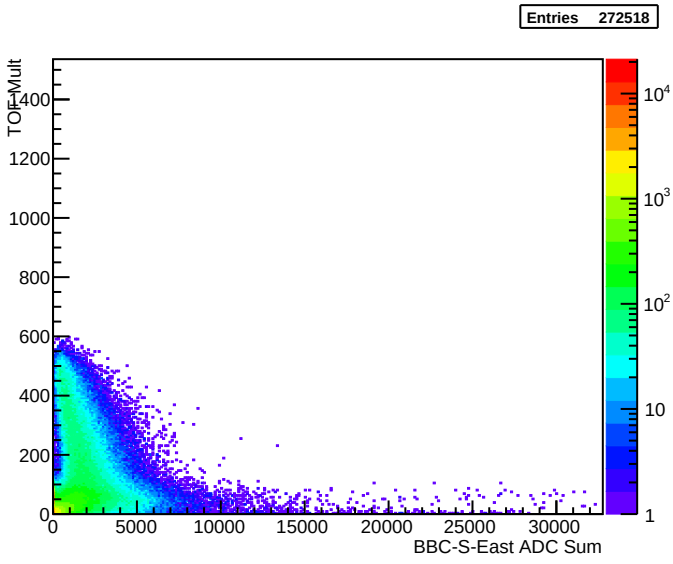

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

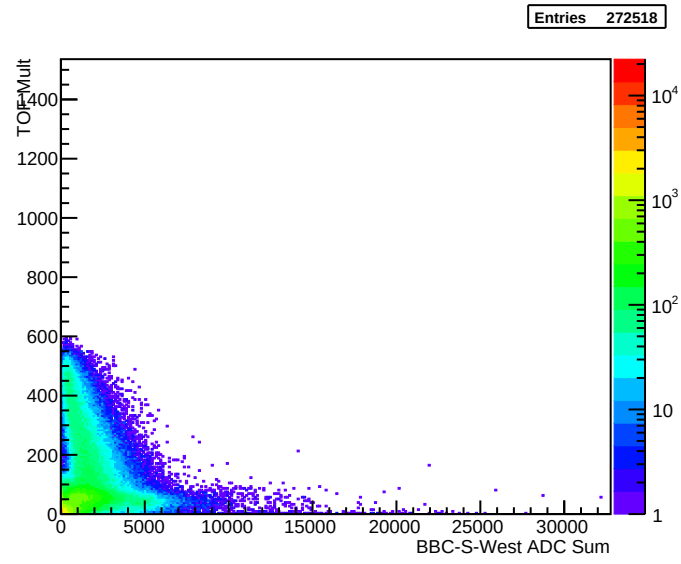

VT201 Input Ch4: VPD Tac Diff
Entries 272518
Tac

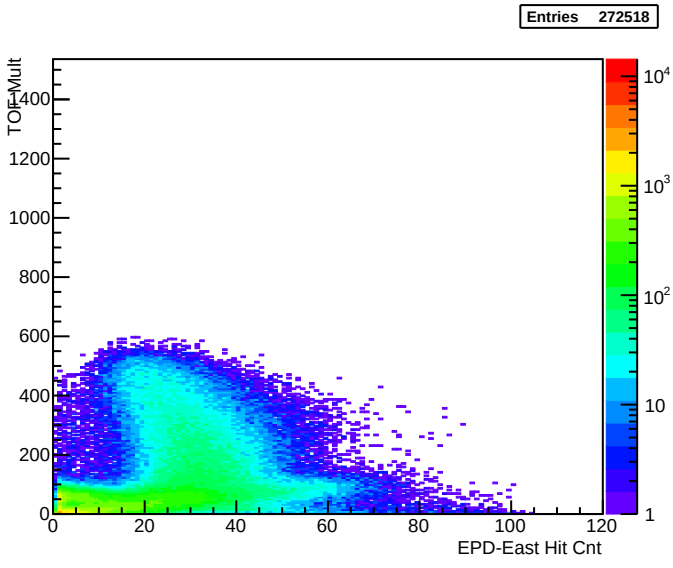

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

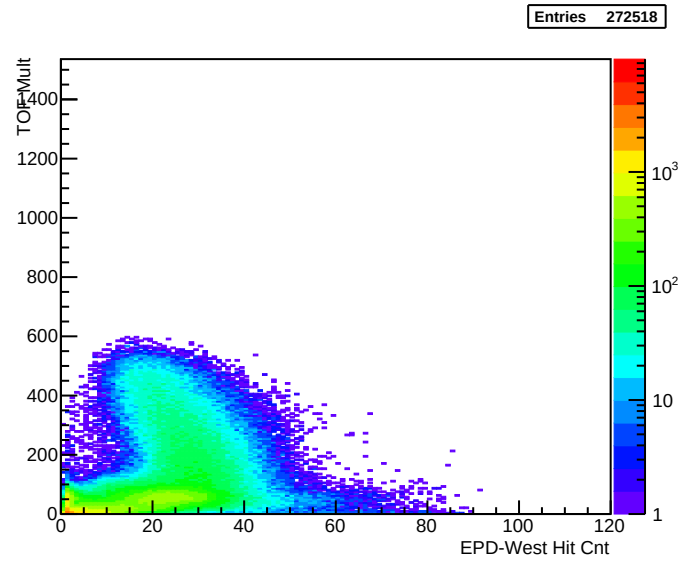

VT201 Input Ch4: VPD Adc Sum Th
Entries 545036
193207
211522
79311
60996
East
West

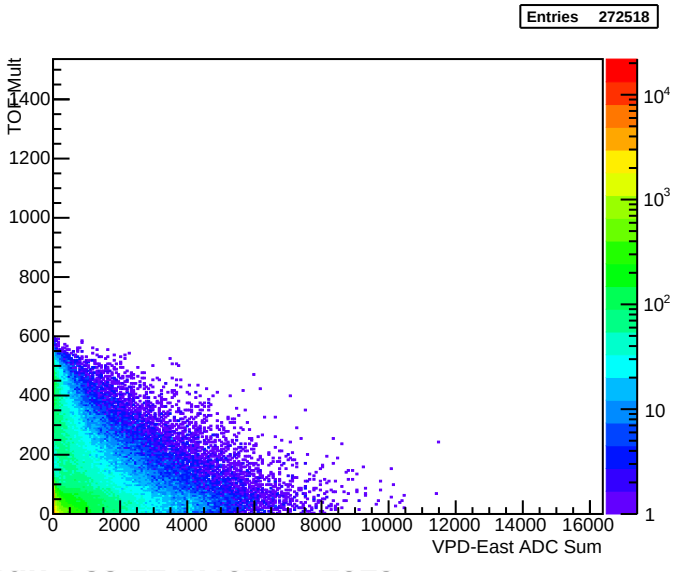

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

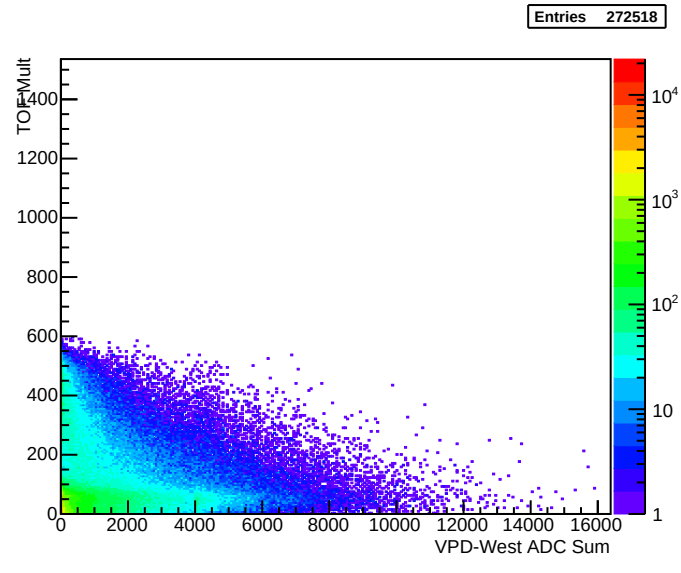

Entries 272518
TOF-Mult
BBC-S-East ADC Sum

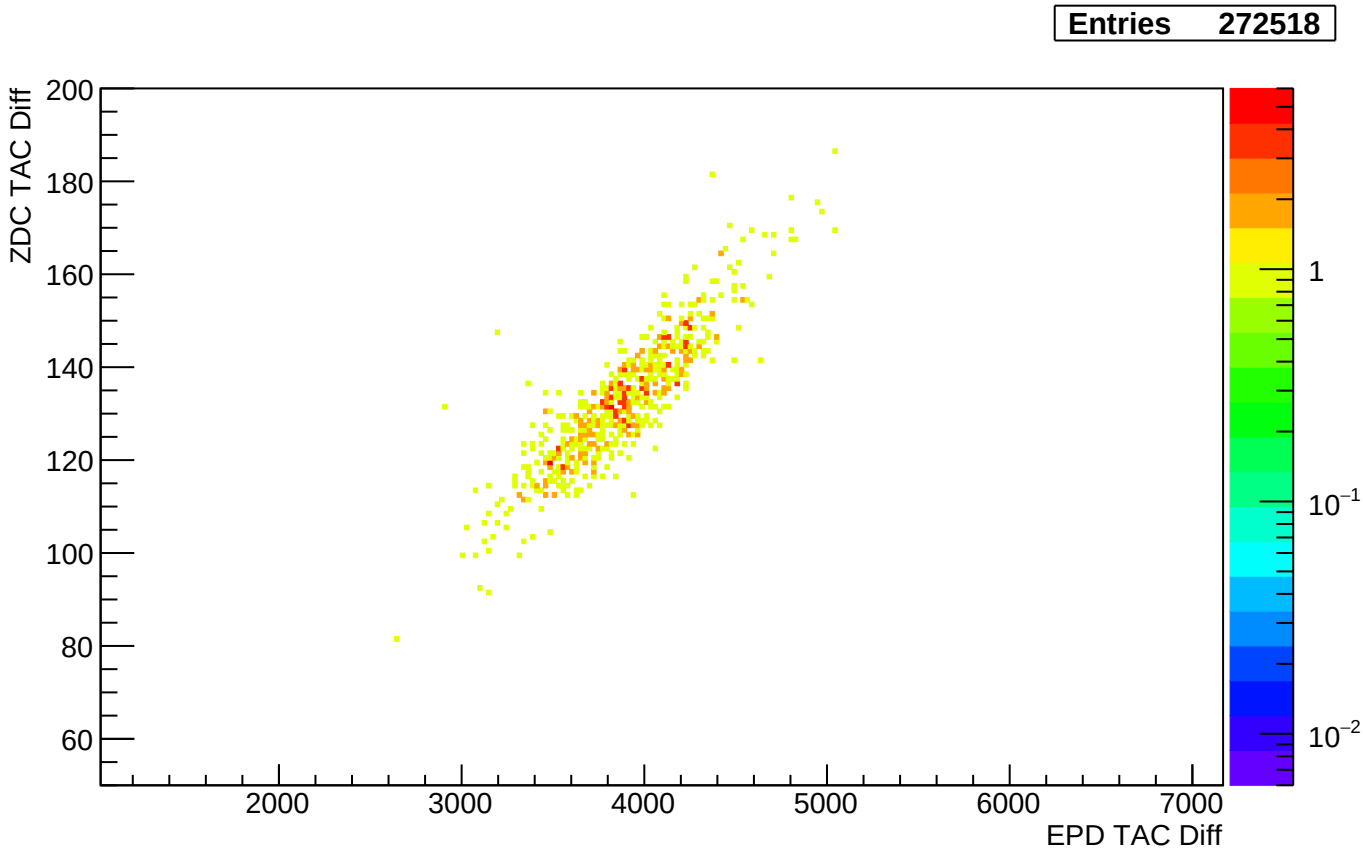

Entries 272518
TOF-Mult
BBC-S-West ADC Sum

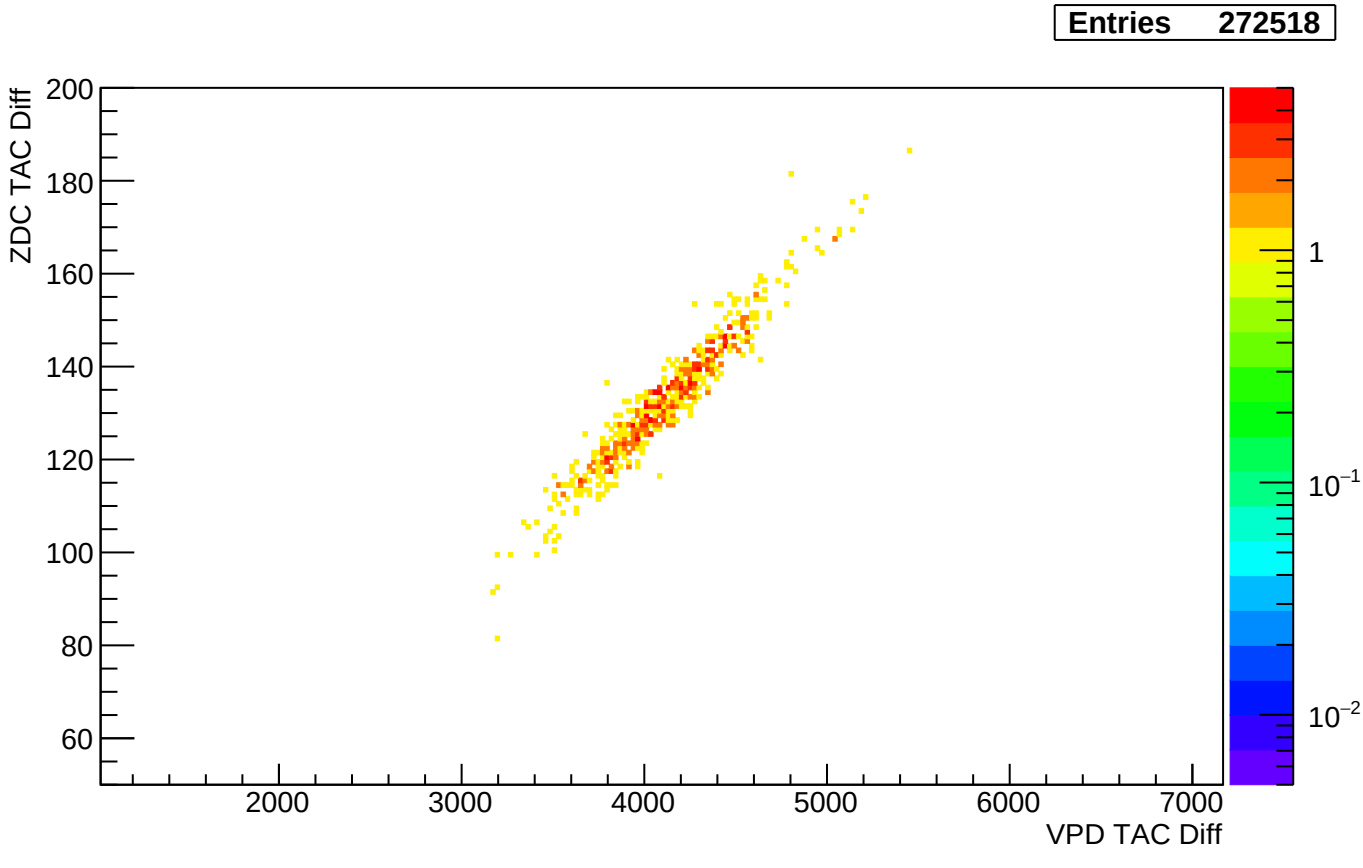

Entries 272518
TOF-Mult
EPD-East Hit Cnt

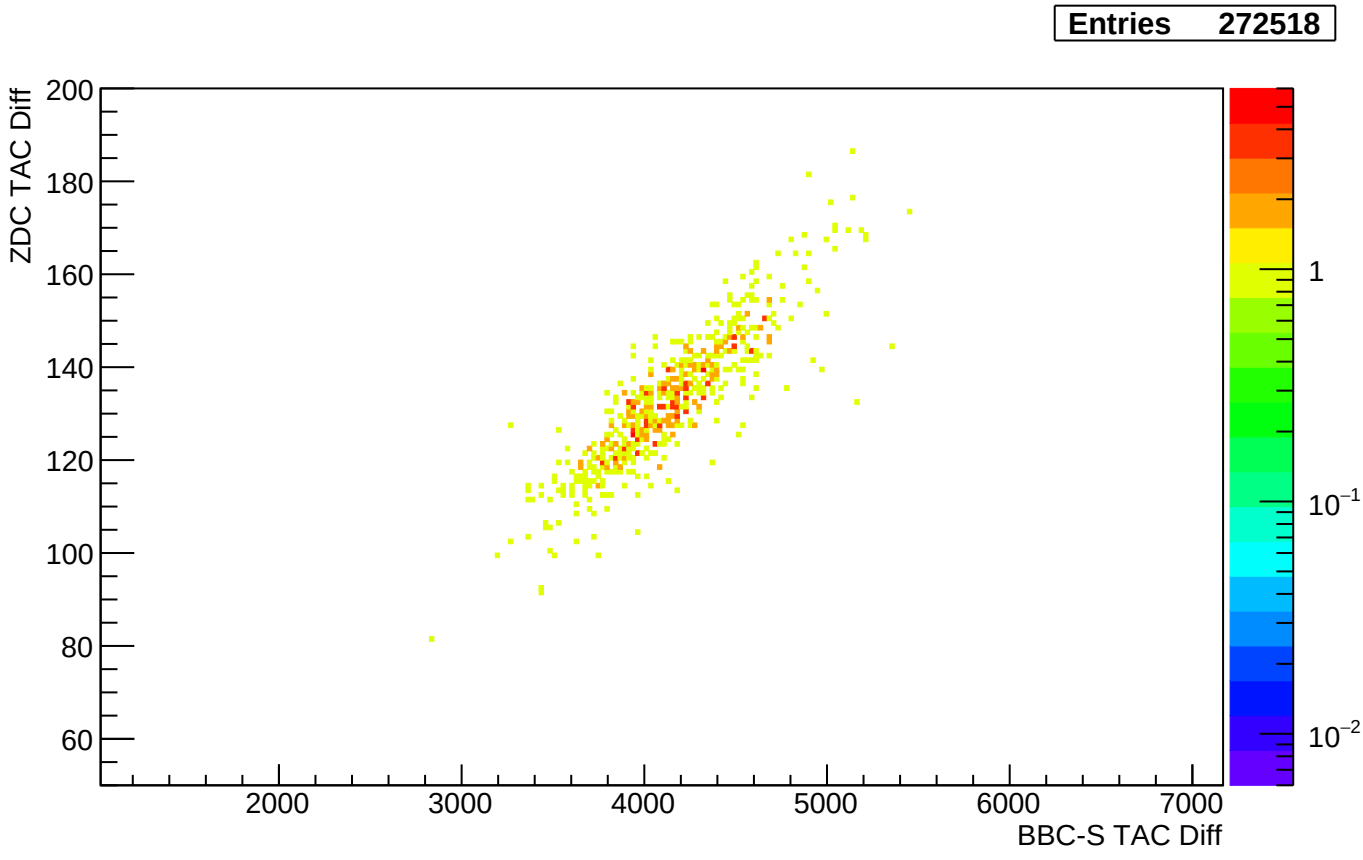

Entries 272518
TOF-Mult
EPD-West Hit Cnt

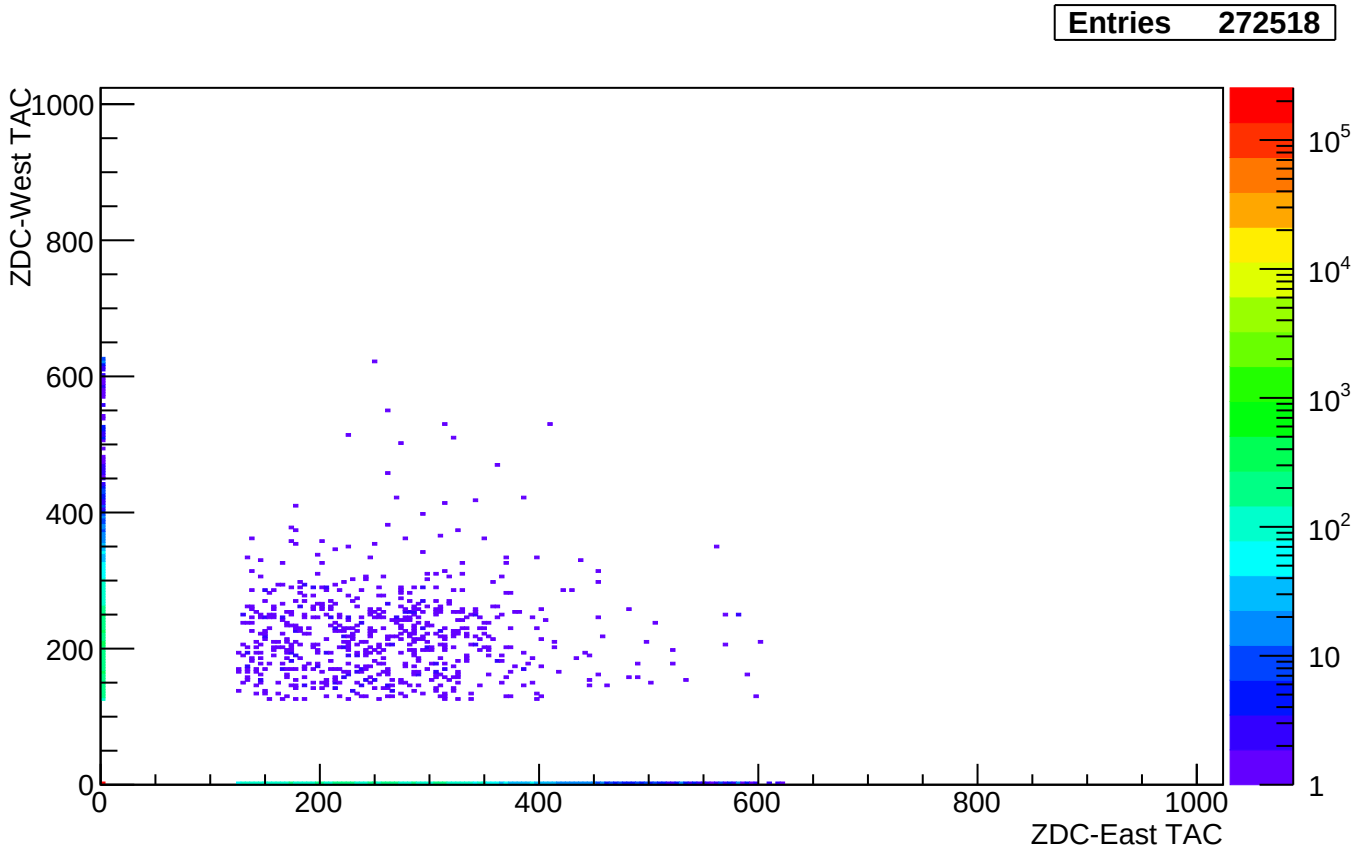

Entries 272518
TOF-Mult
VPD-East ADC Sum

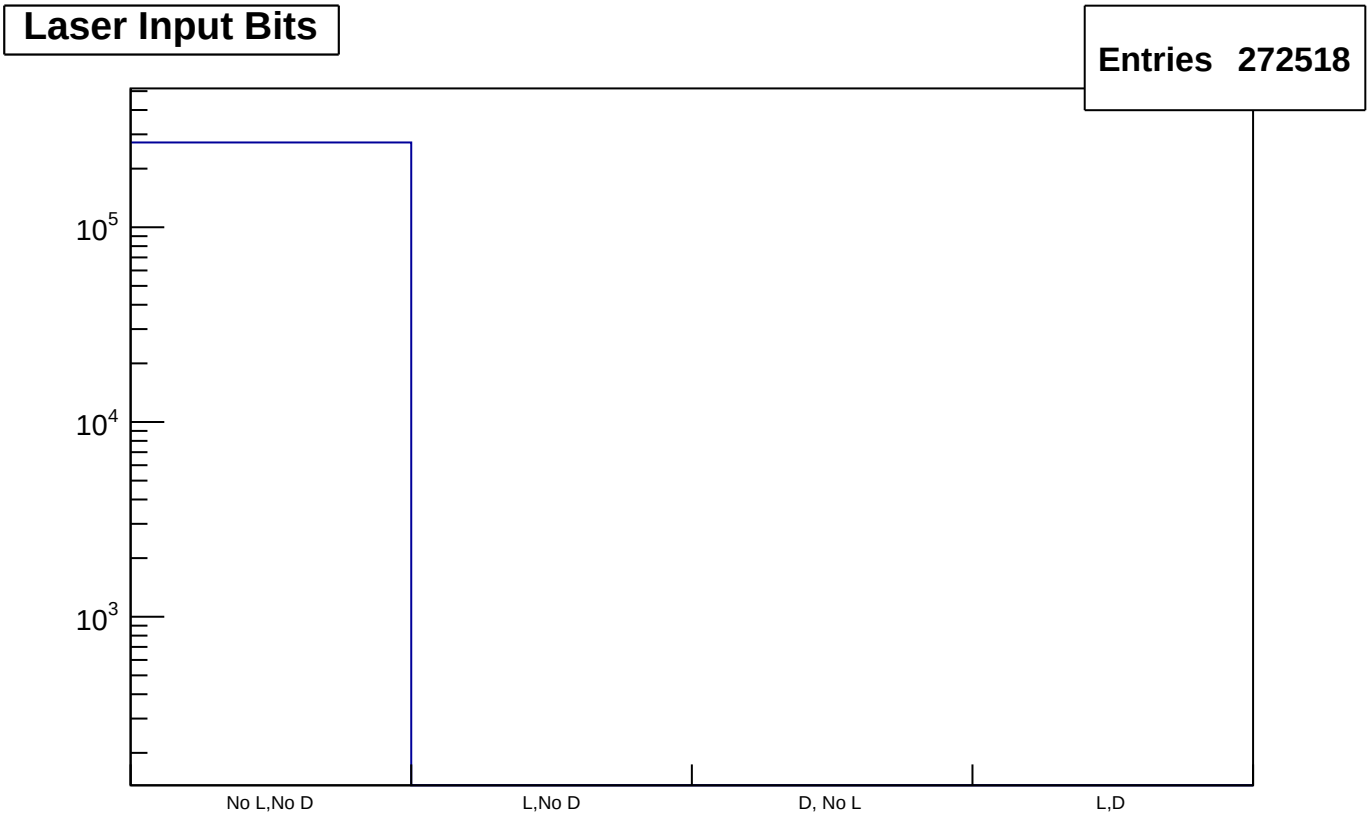

Entries 272518
TOF-Mult
VPD-West ADC Sum

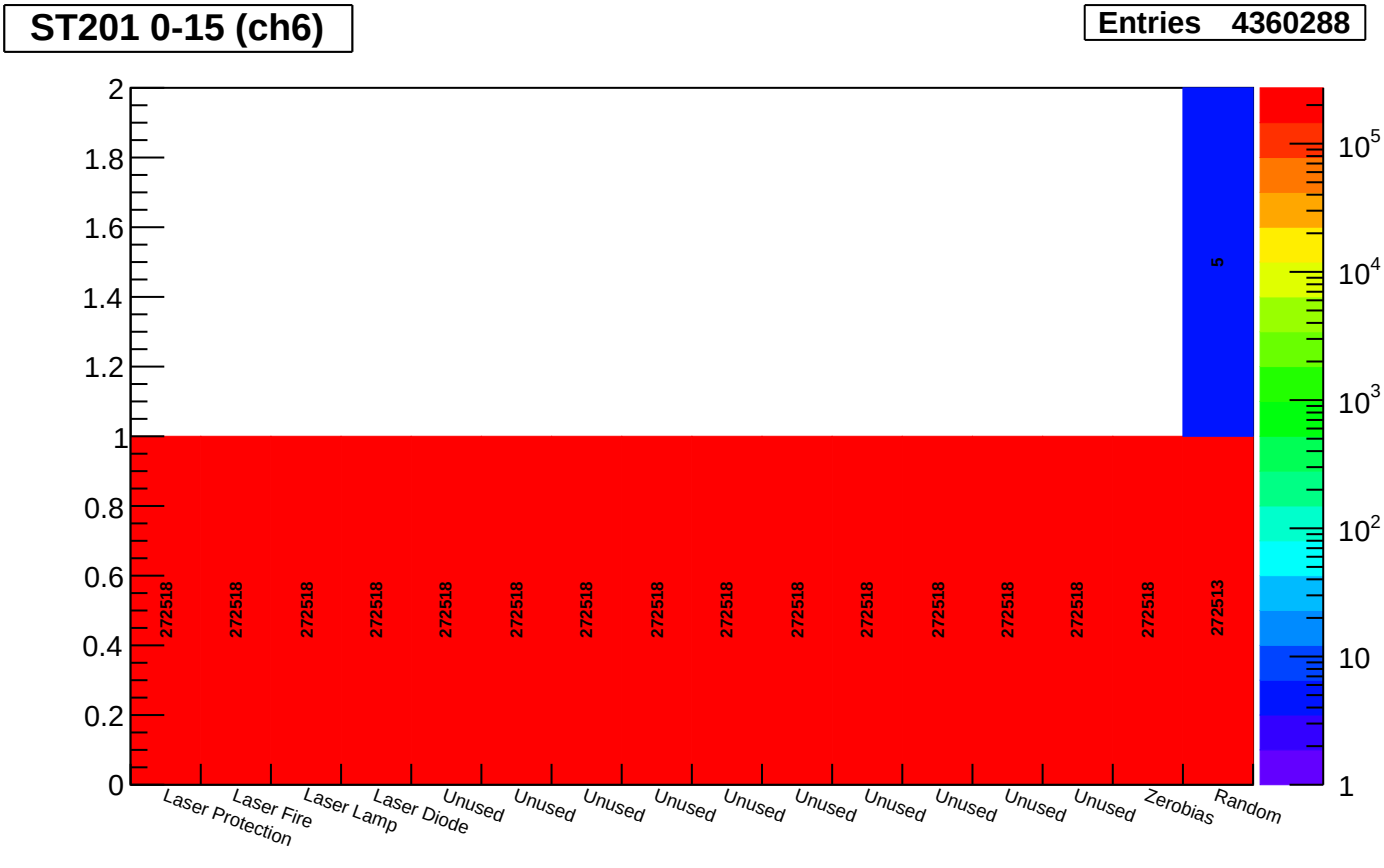

Entries 272518
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

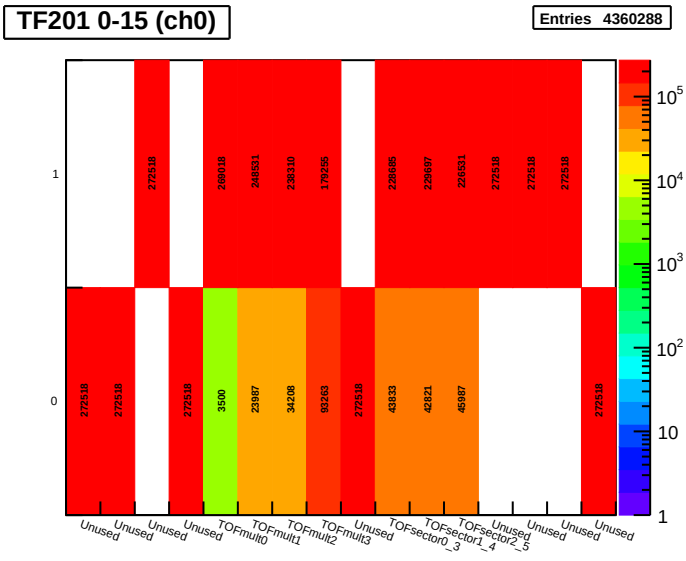

Entries 272518
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

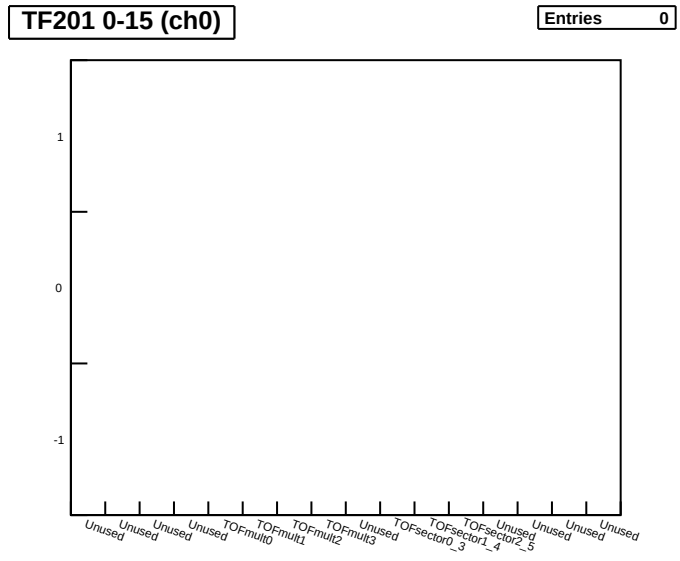

Entries 272518
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

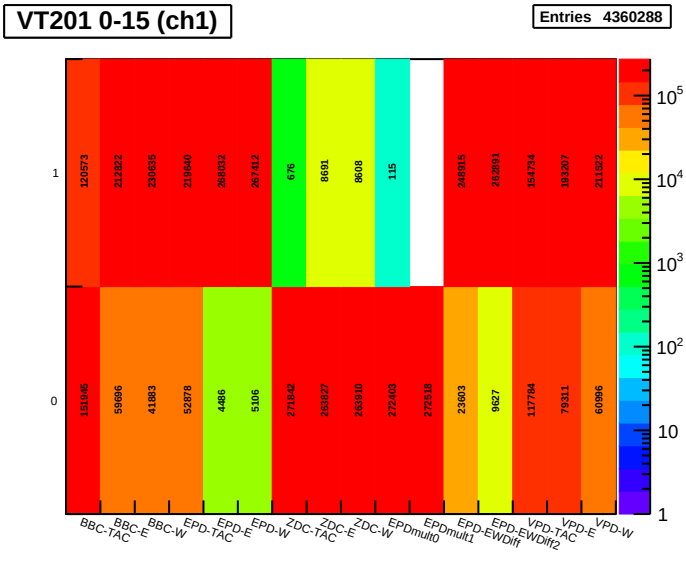

Entries 272518
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

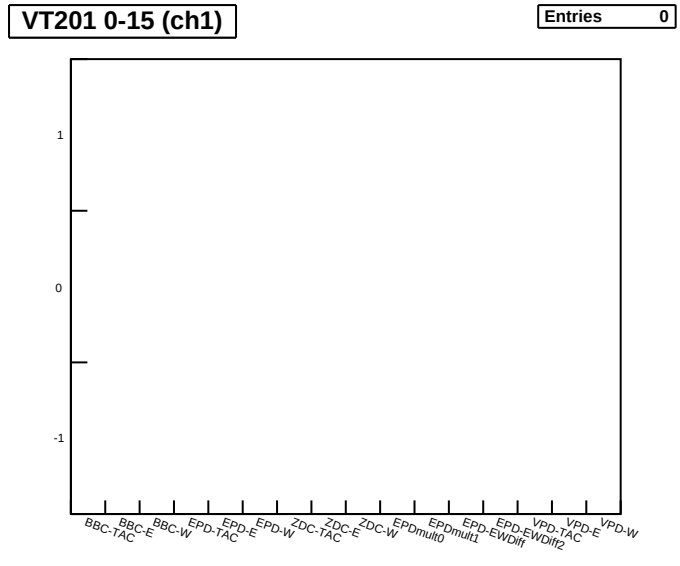

Laser Input Bits
Entries 272518
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

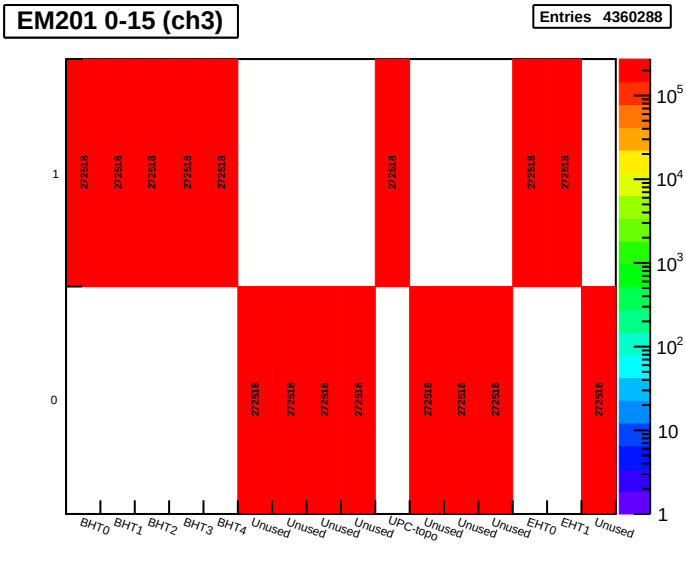

ST201 0-15 (ch6)
Entries 4360288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272513
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

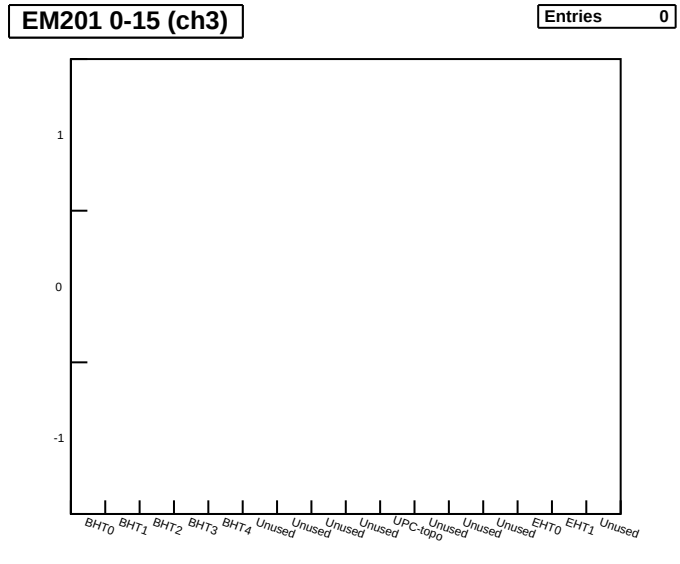

TF201 0-15 (ch0)
Entries 4360288
1
0
272518
269018
248531
238310
179255
228685
229697
226531
272518
272518
272518
272518
272518
272518
3500
23987
34208
93263
43833
42821
45997
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4360288
1
0
120573
212822
230635
219640
269032
267412
676
8691
8608
115
248915
262891
154734
193207
211522
151945
59696
41883
52878
4486
5106
271842
263827
263910
272403
272518
23603
9627
117784
79311
60996
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 4360288
1
0
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
272518
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