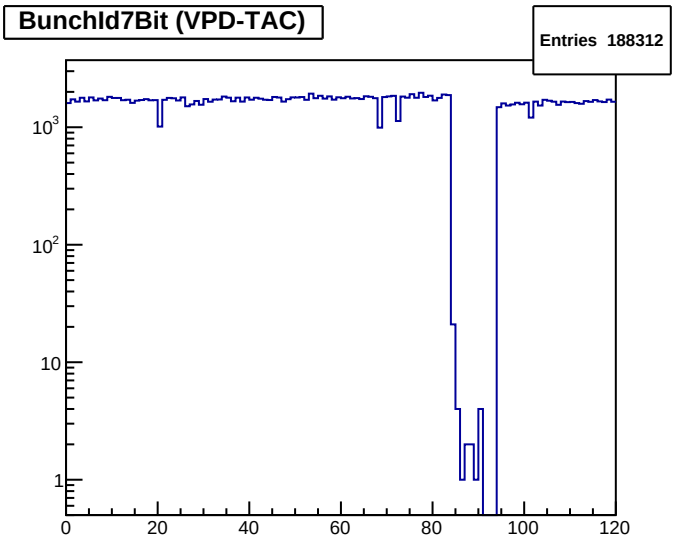
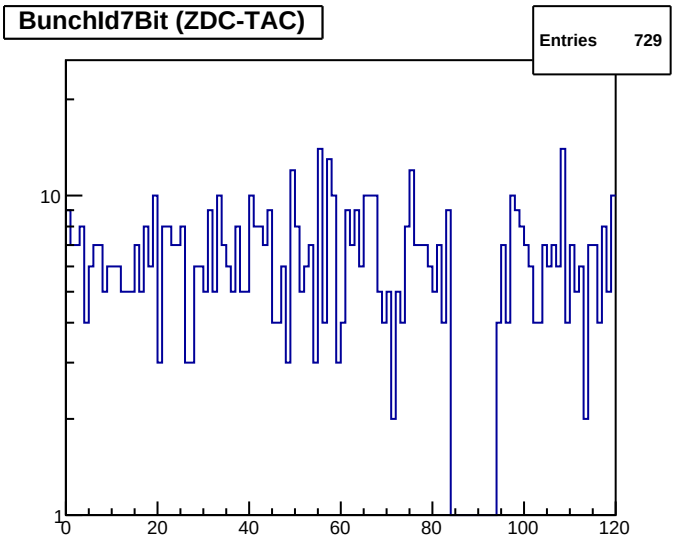
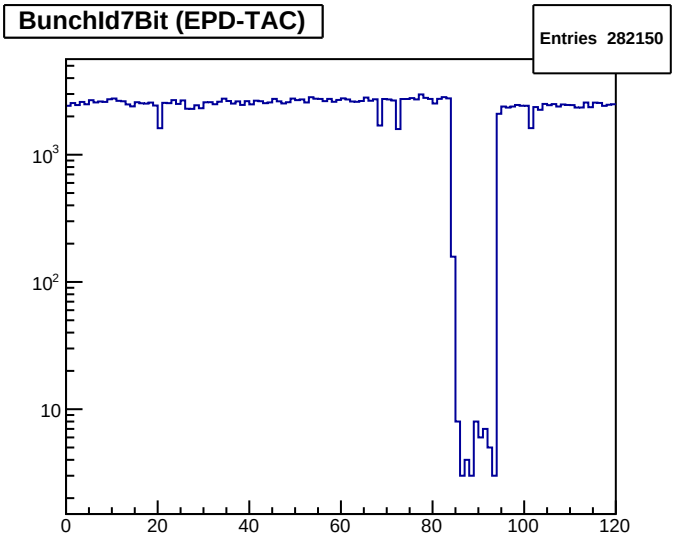
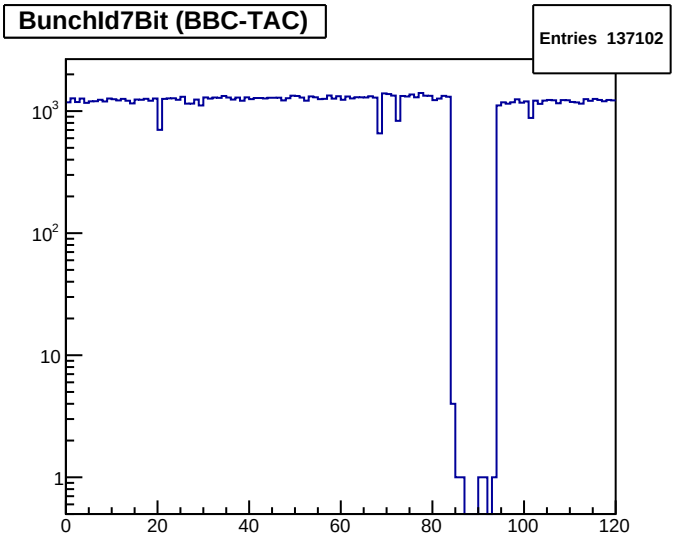
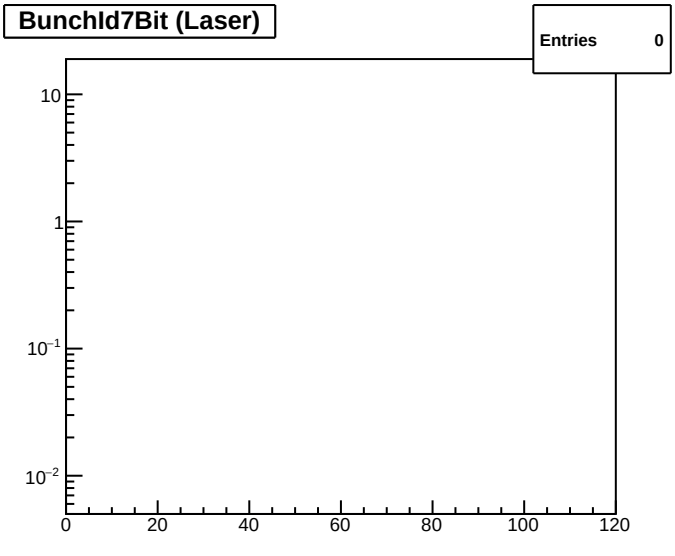
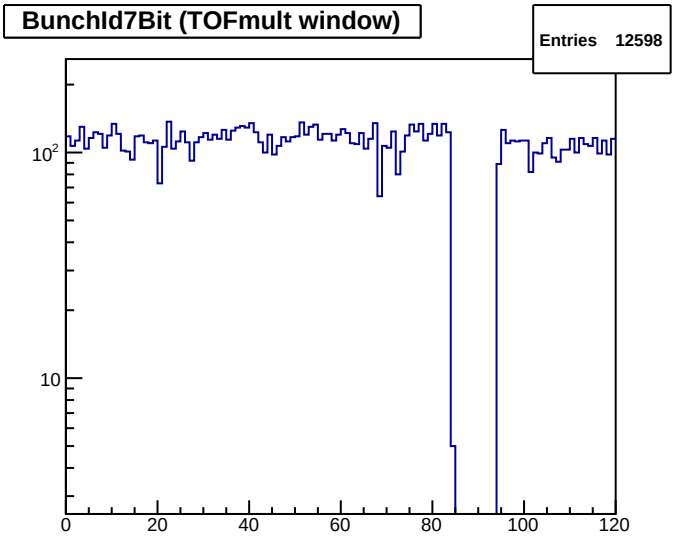

BunchId7Bit (VPD-TAC)
Entries 188312

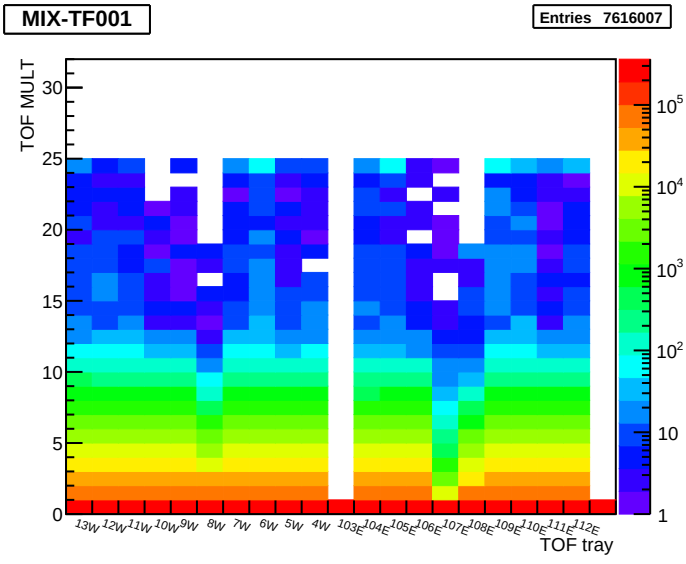

BunchId7Bit (ZDC-TAC)
Entries 729

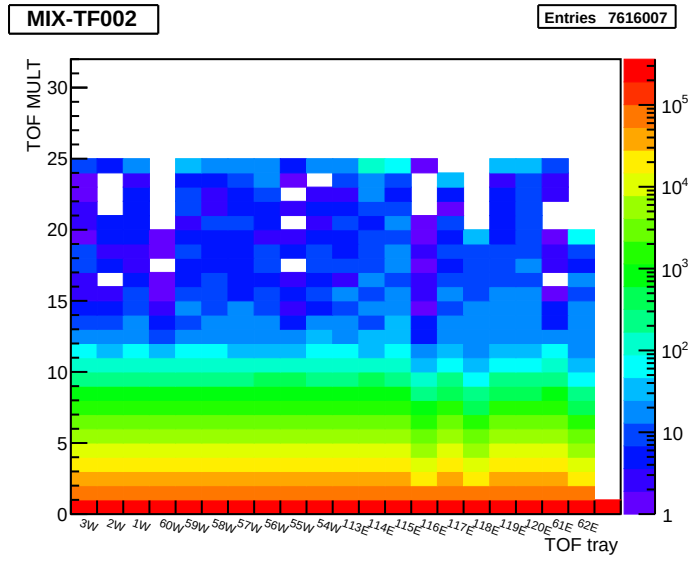

BunchId7Bit (EPD-TAC)
Entries 282150

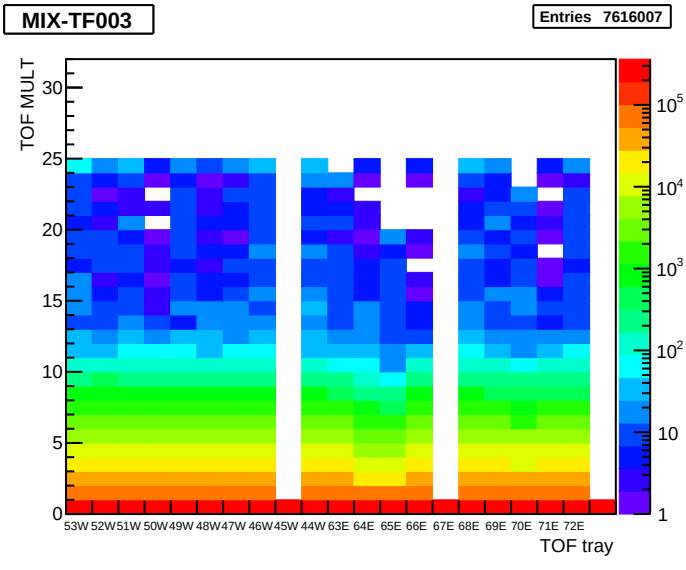

BunchId7Bit (BBC-TAC)
Entries 137102

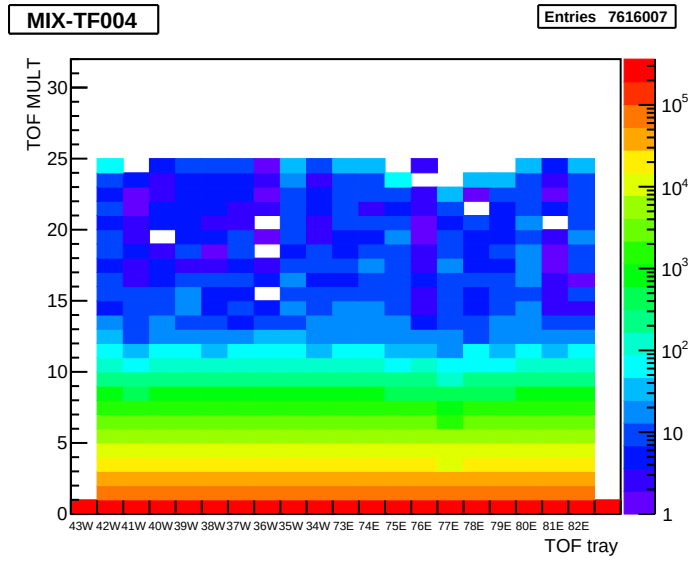

BunchId7Bit (Laser)
Entries 0

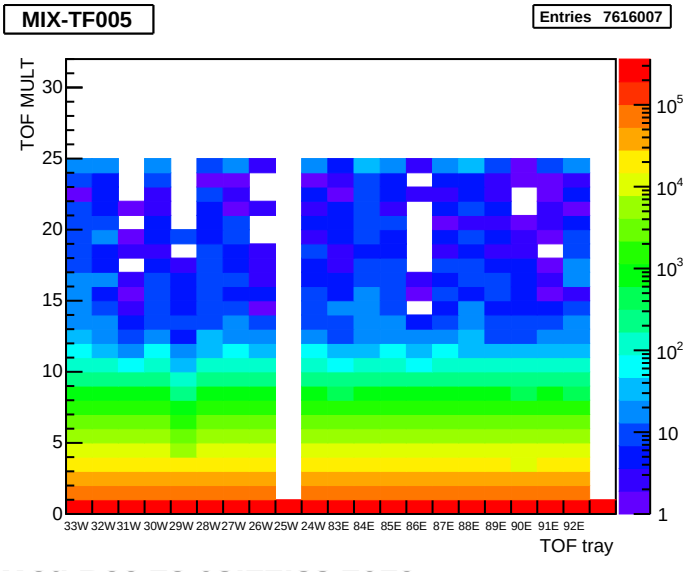

BunchId7Bit (TOFmult window)
Entries 12598

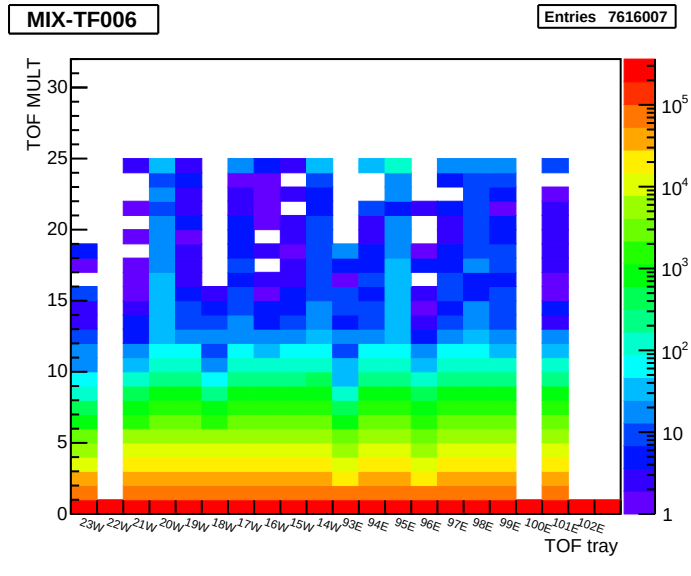

MIX-TF001
Entries 7616007
TOF MULT
TOF tray

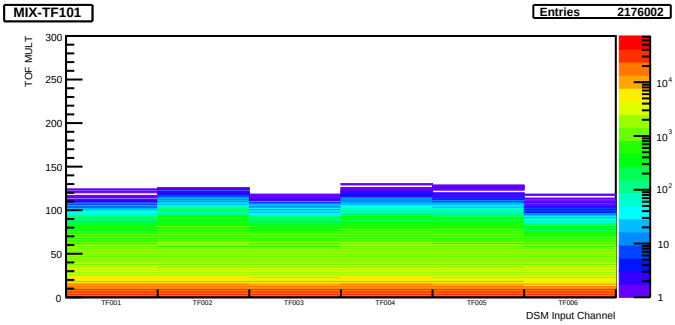

MIX-TF002
Entries 7616007
TOF MULT
TOF tray

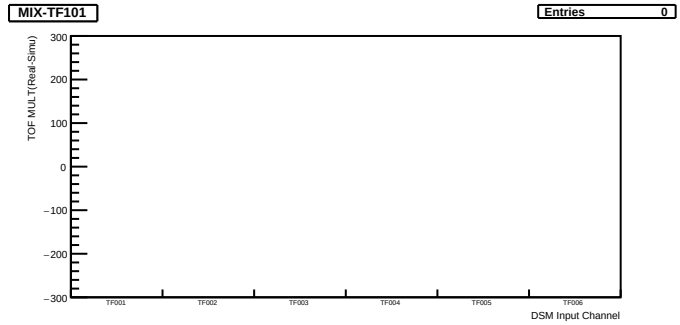

MIX-TF003
Entries 7616007
TOF MULT
TOF tray

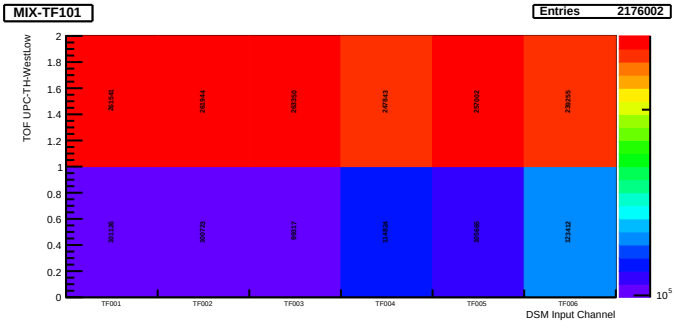

MIX-TF004
Entries 7616007
TOF MULT
TOF tray

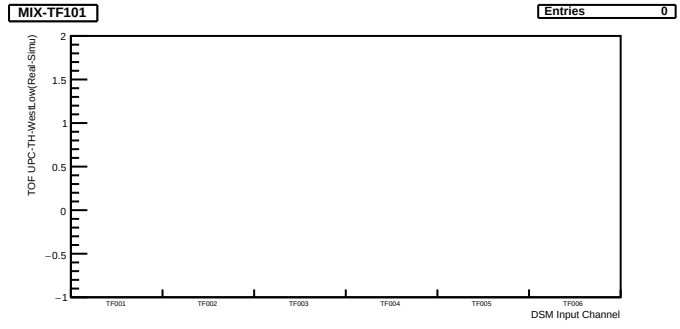

MIX-TF005
Entries 7616007
TOF MULT
TOF tray

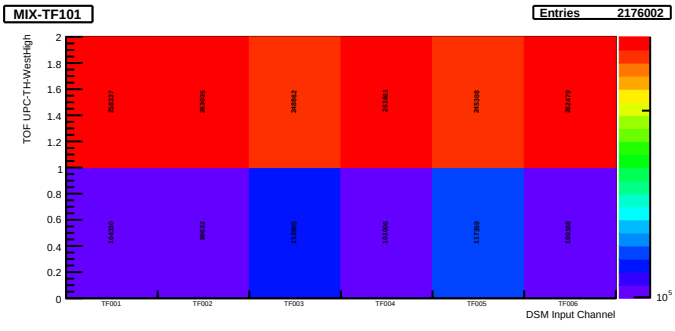

MIX-TF006
Entries 7616007
TOF MULT
TOF tray

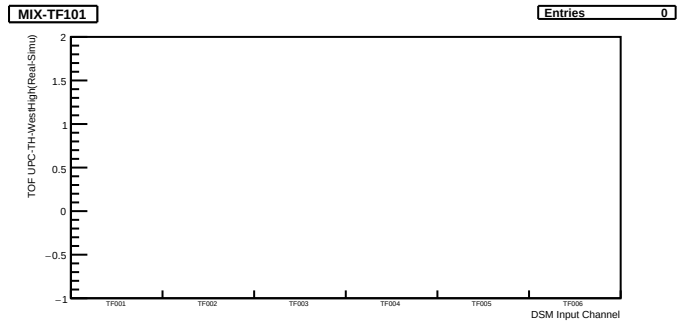

MIX-TF101
Entries 2176002
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

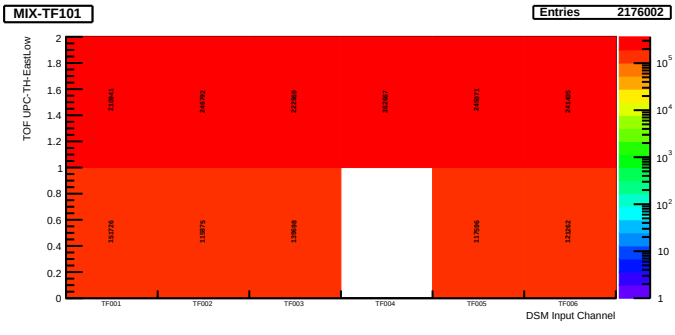

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

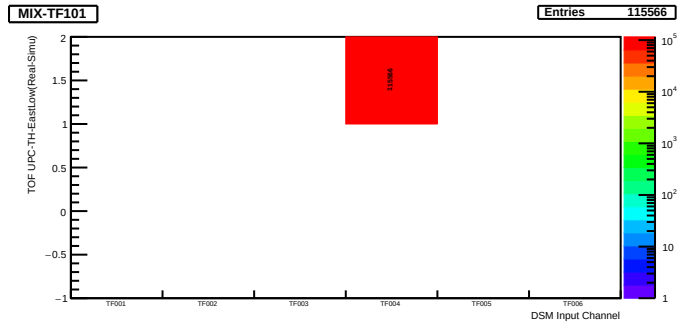

MIX-TF101
Entries 2176002
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

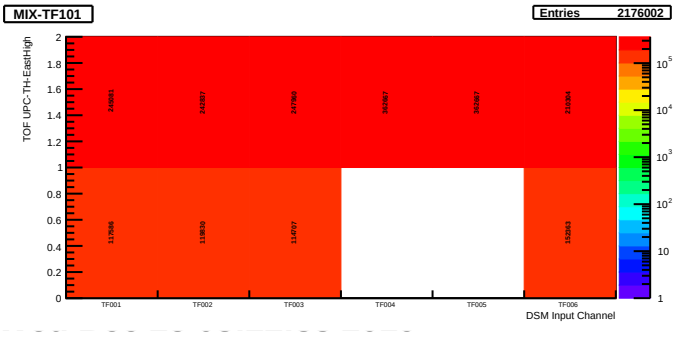

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

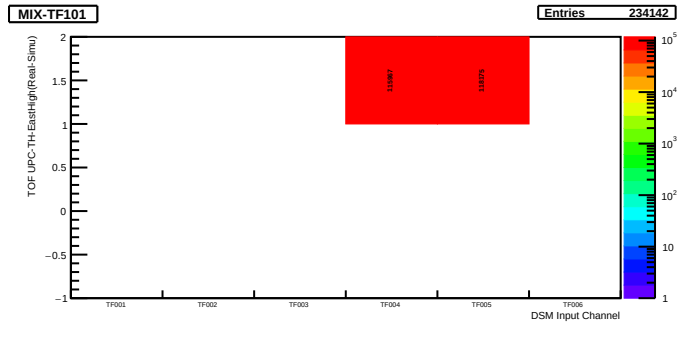

MIX-TF101
Entries 2176002
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

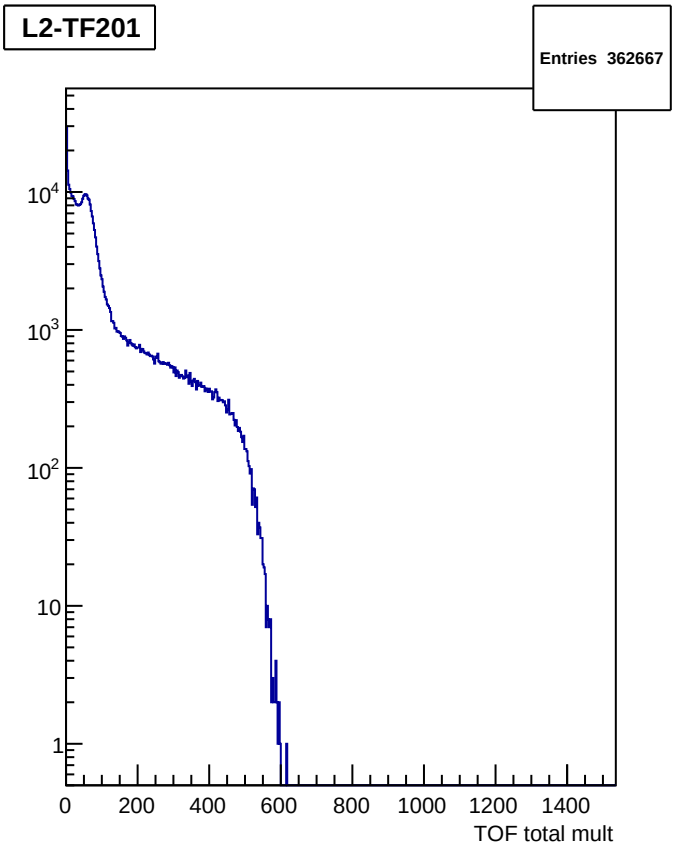

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

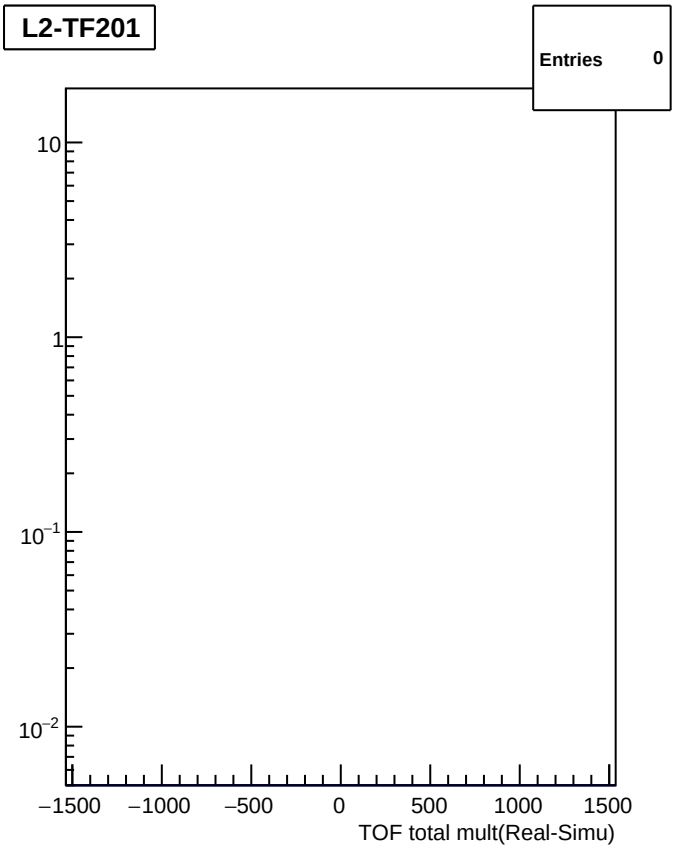

MIX-TF101
Entries 2176002
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

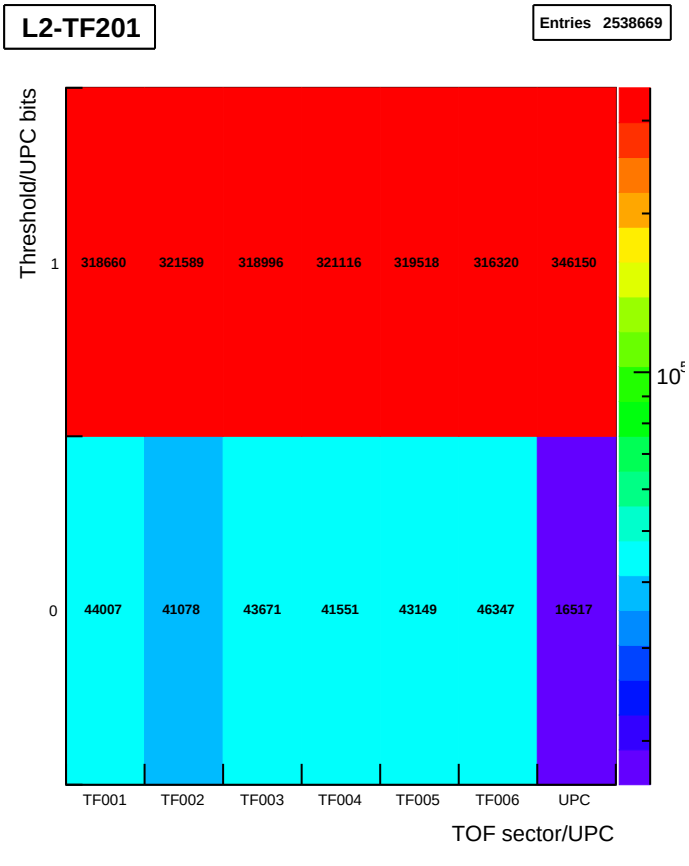

MIX-TF101
Entries 115566
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

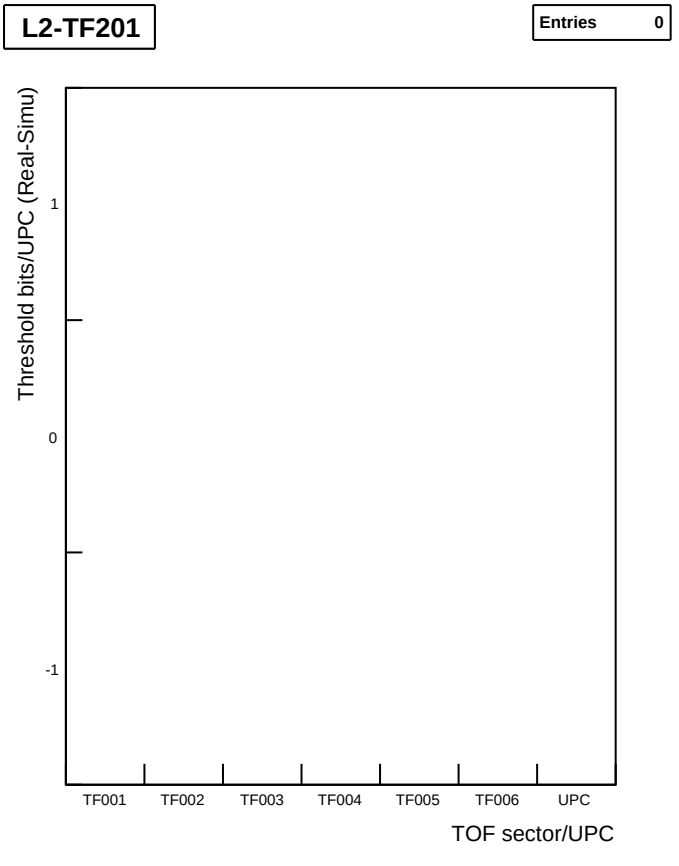

MIX-TF101
Entries 2176002
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

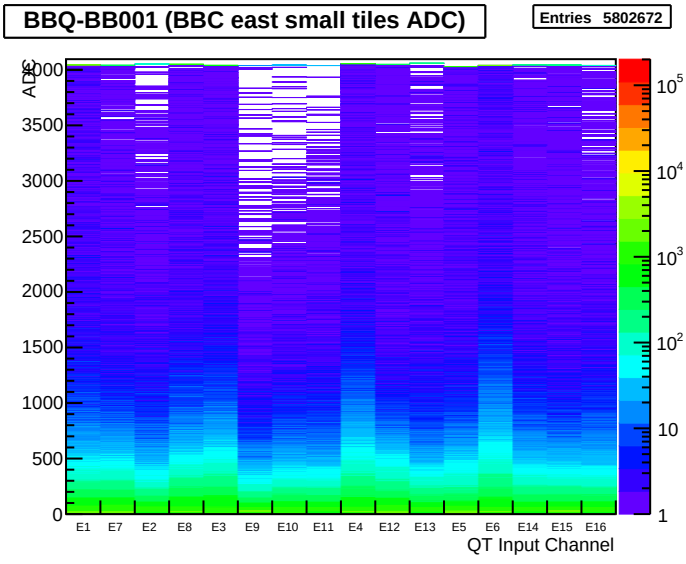

MIX-TF101
Entries 234142
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

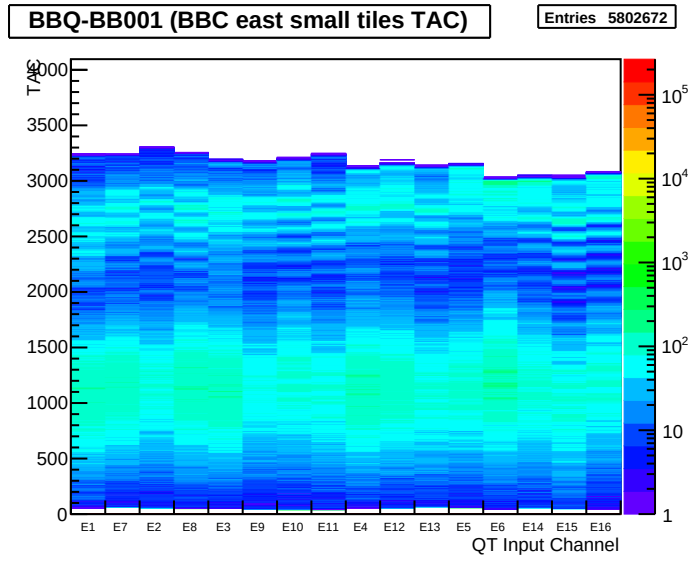

L2-TF201
Entries 362667
TOF total mult

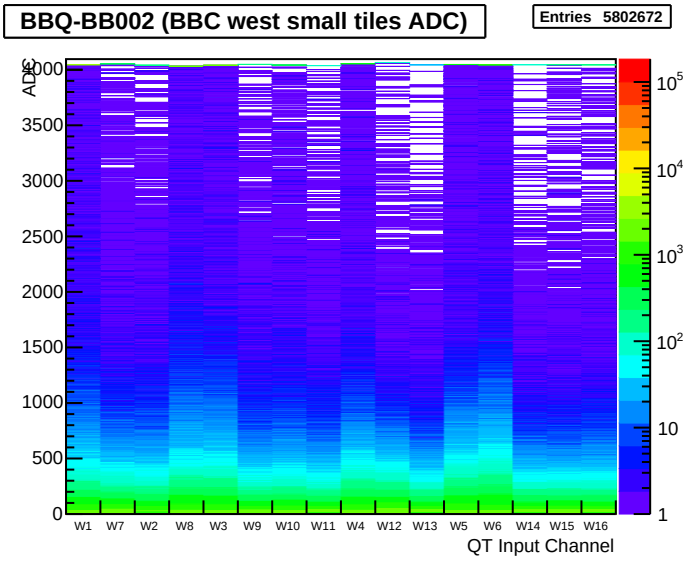

L2-TF201
Entries 0
TOF total mult(Real-Simu)

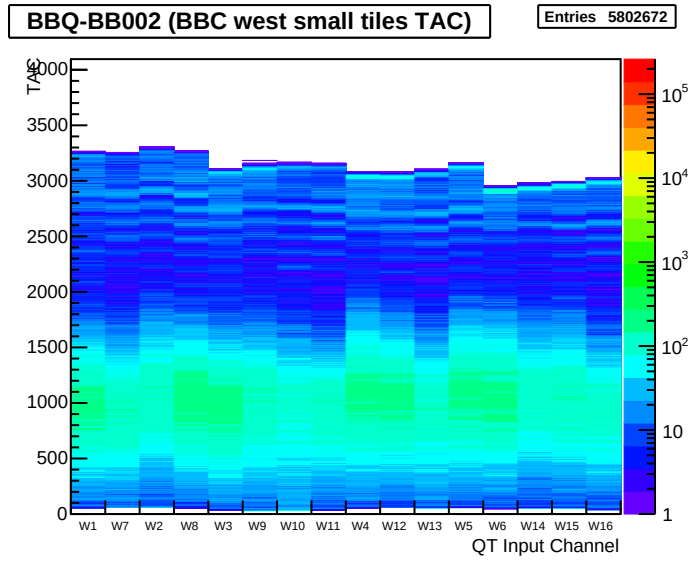

L2-TF201
Entries 2538669
Threshold/UPC bits
318660
321589
318996
321116
319518
316320
346150
44007
41078
43671
41551
43149
46347
16517
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

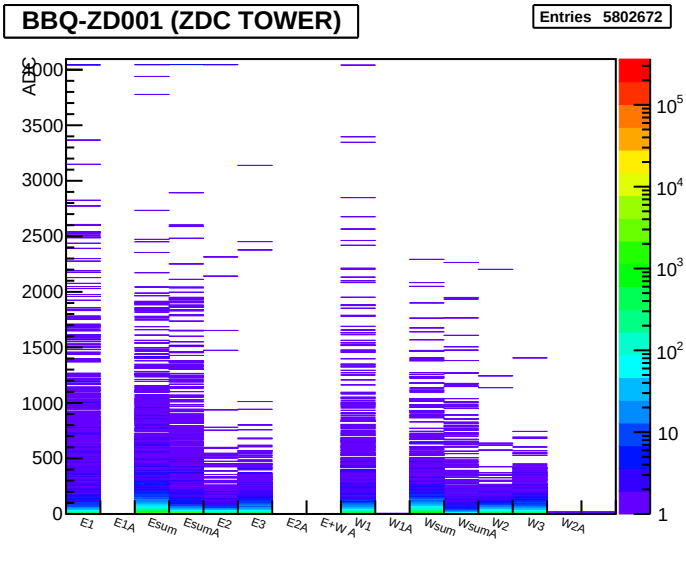

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

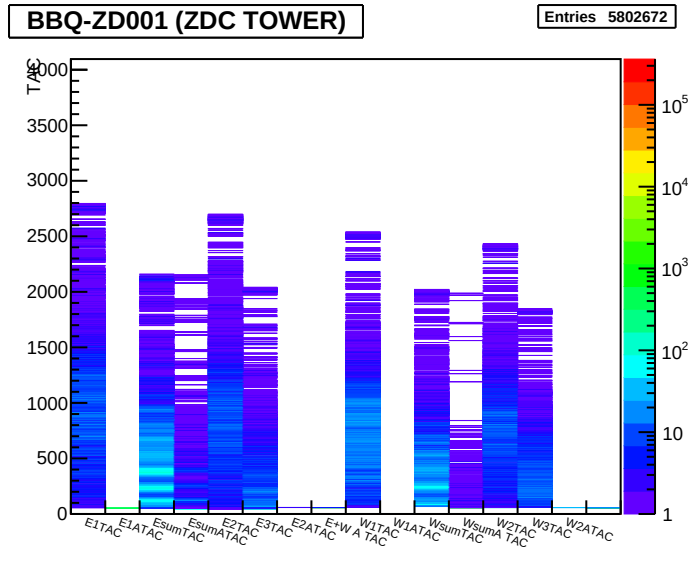

BBQ-BB001 (BBC east small tiles ADC)
Entries 5802672
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

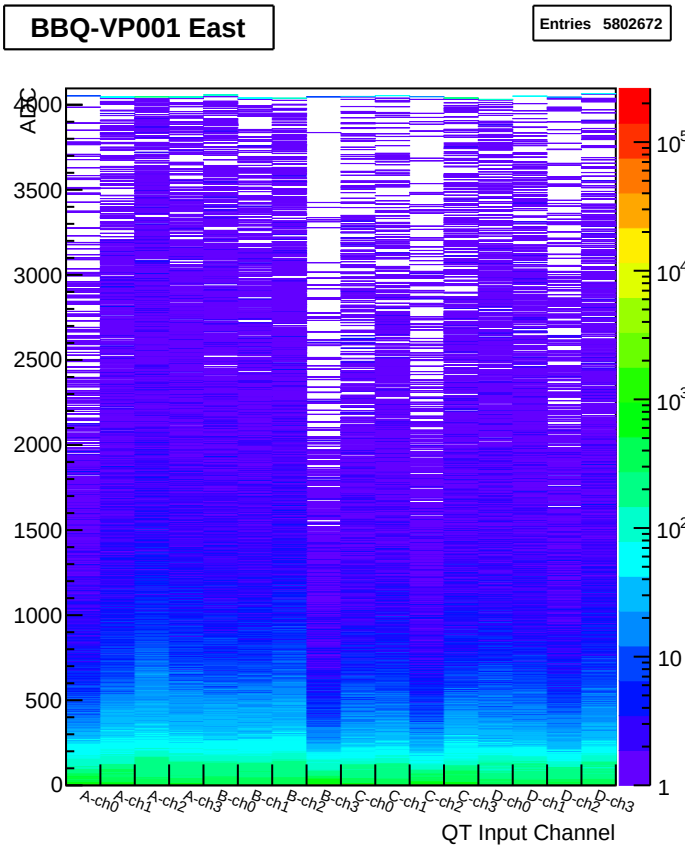

BBQ-BB001 (BBC east small tiles TAC)
Entries 5802672
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

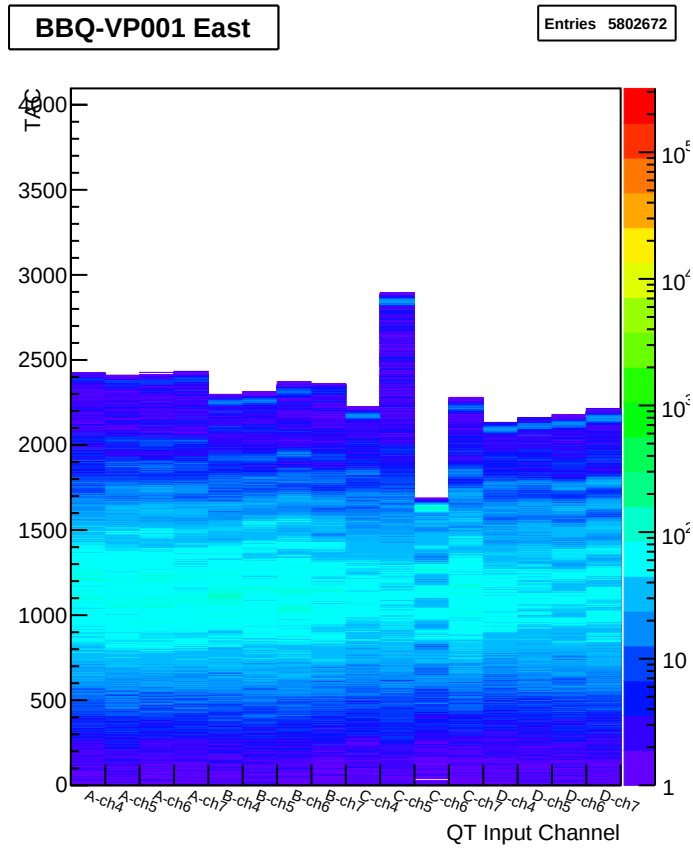

BBQ-BB002 (BBC west small tiles ADC)
Entries 5802672
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

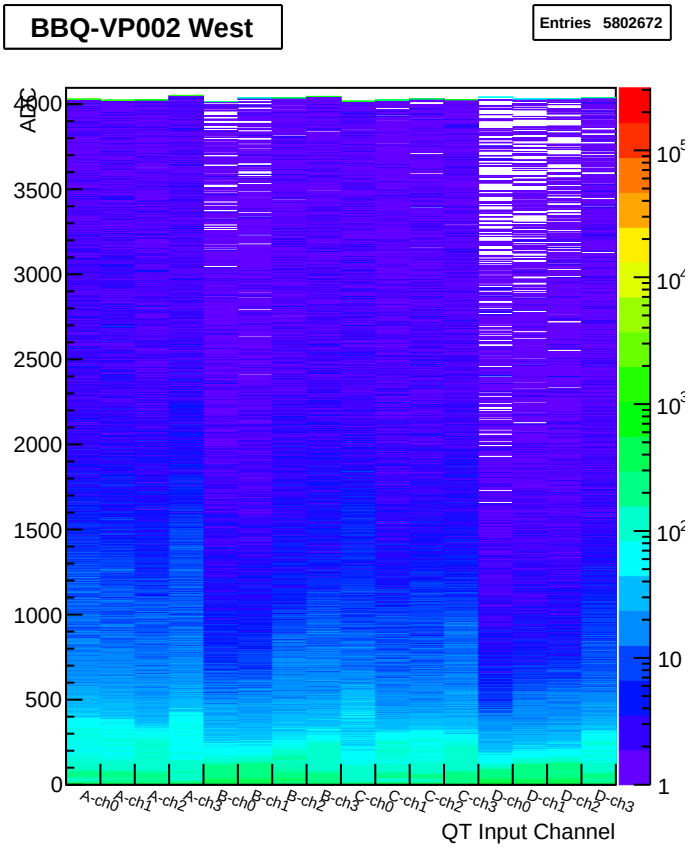

BBQ-BB002 (BBC west small tiles TAC)
Entries 5802672
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

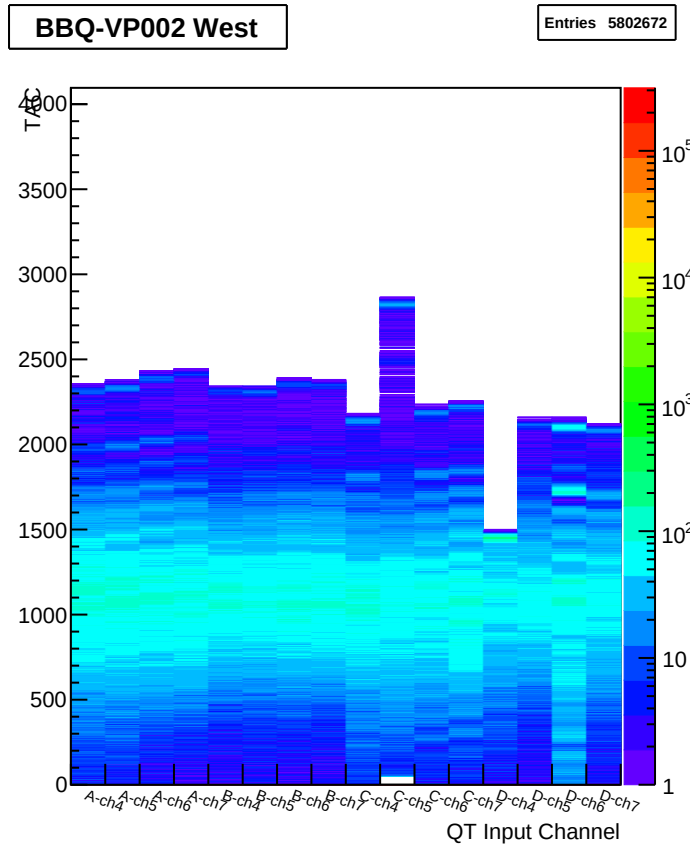

BBQ-ZD001 (ZDC TOWER)
Entries 5802672
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

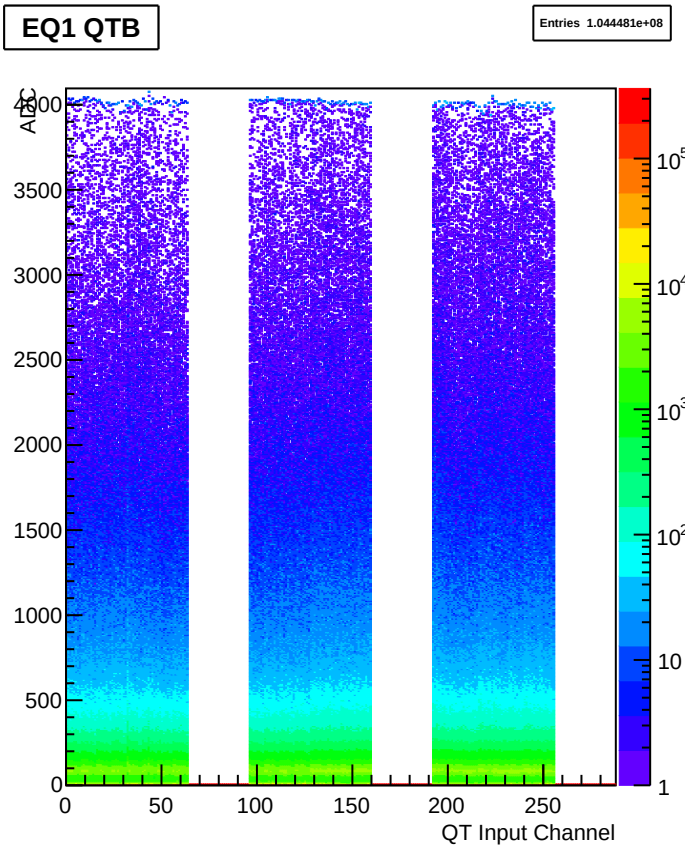

BBQ-ZD001 (ZDC TOWER)
Entries 5802672
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

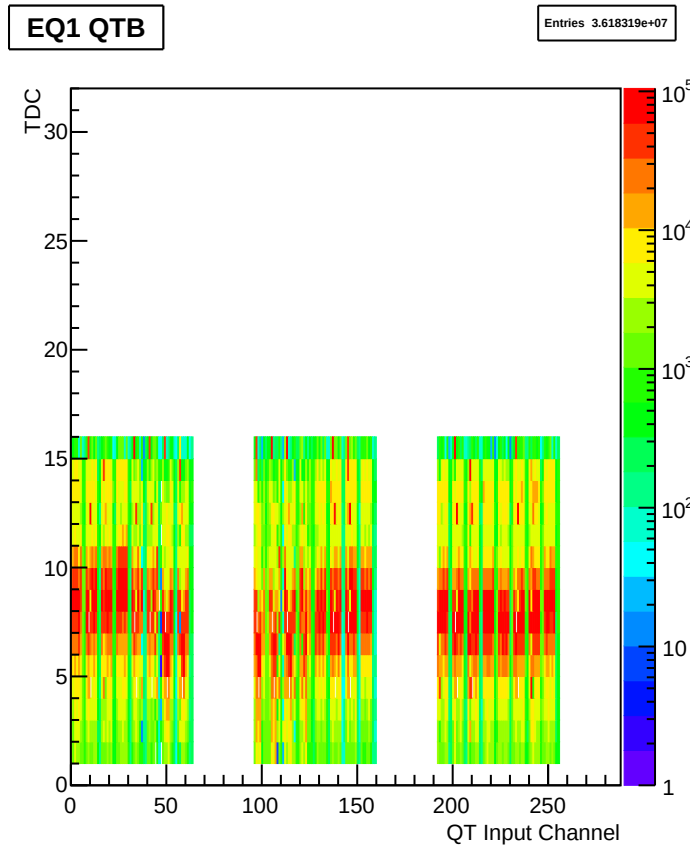

BBQ-VP001 East
Entries 5802672
ADC
QT Input Channel

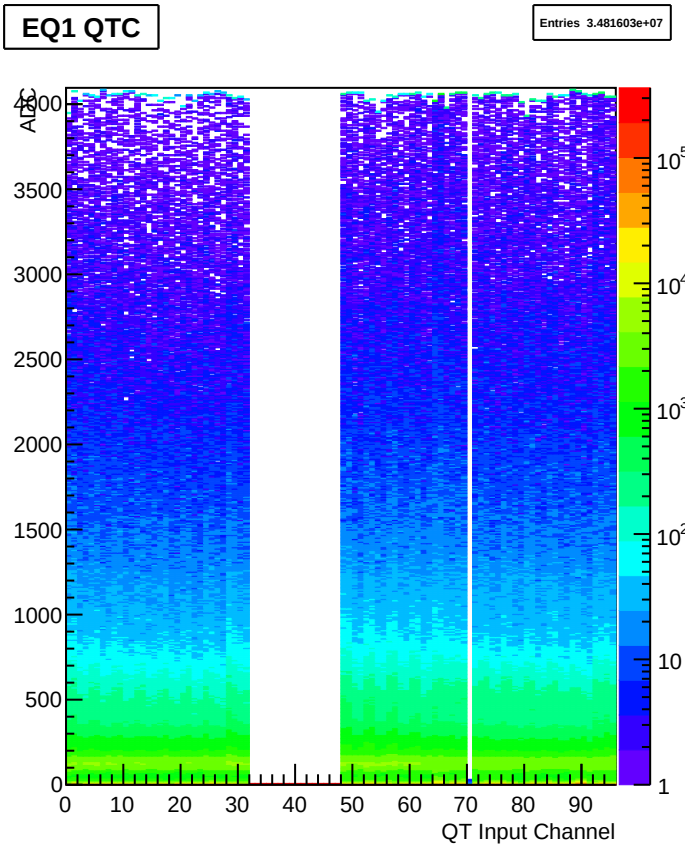

BBQ-VP001 East
Entries 5802672
TADC
QT Input Channel

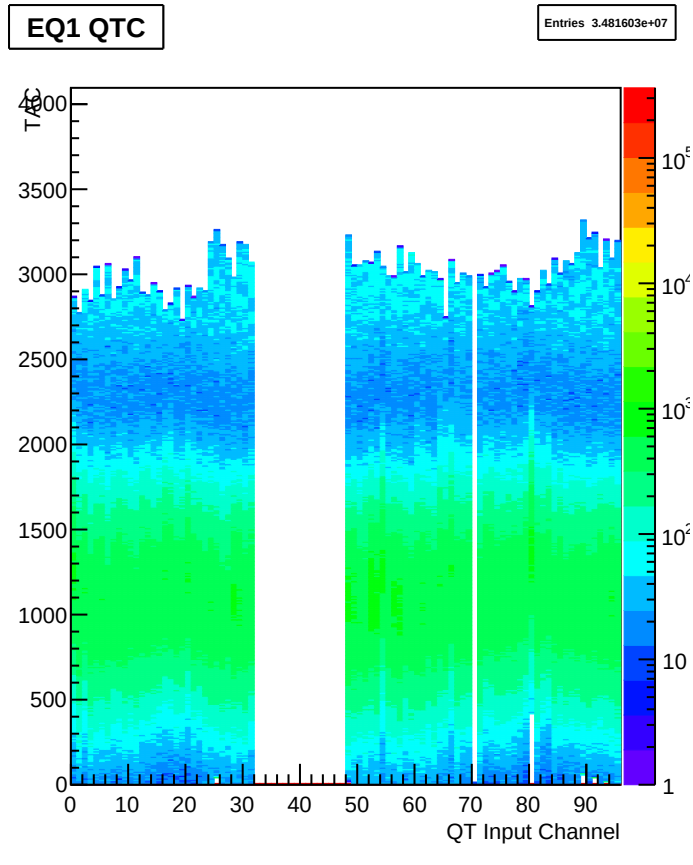

BBQ-VP002 West
Entries 5802672
ADC
QT Input Channel

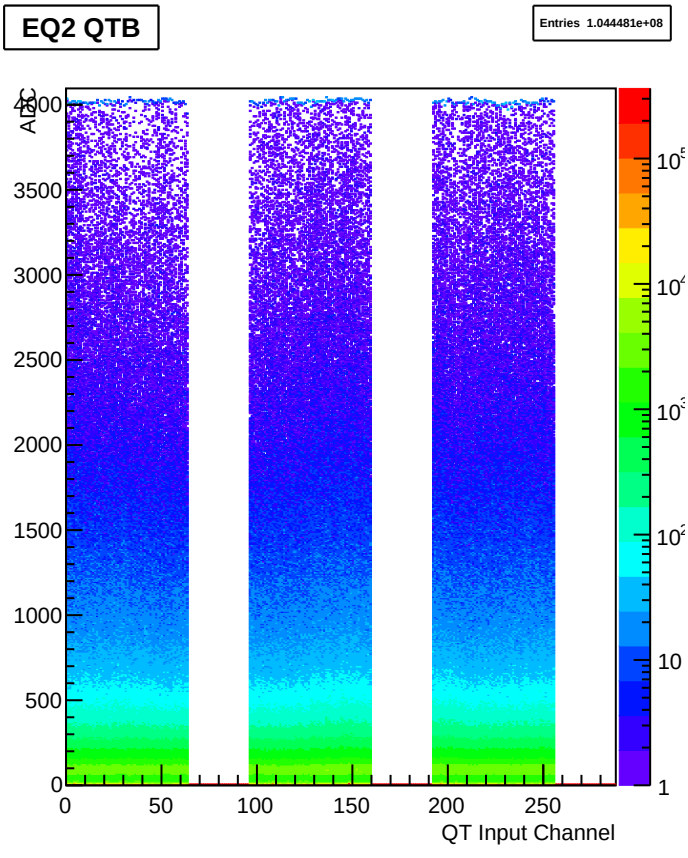

BBQ-VP002 West
Entries 5802672
TADC
QT Input Channel

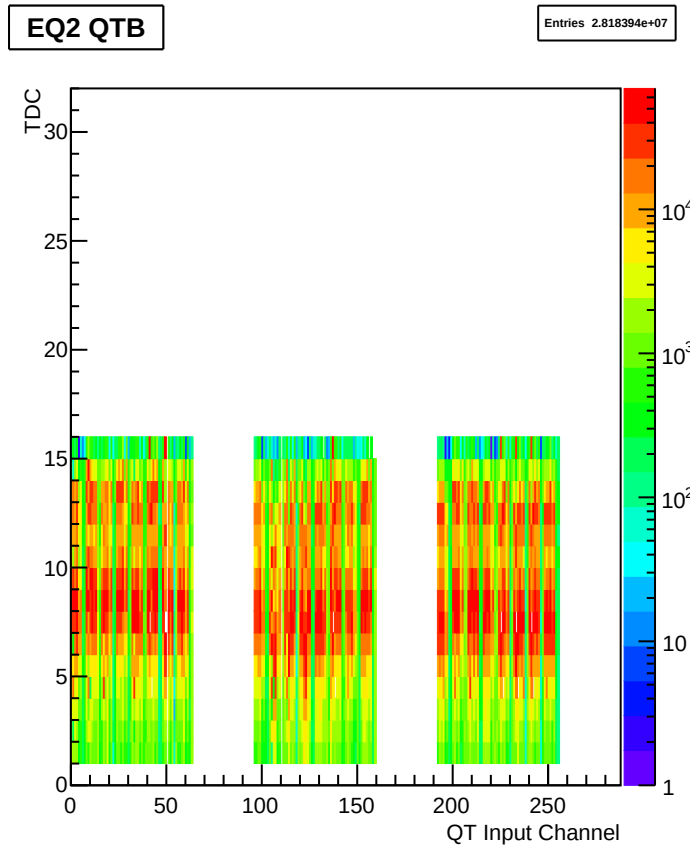

EQ1 QTB
Entries 1.044481e+08
ADC
QT Input Channel

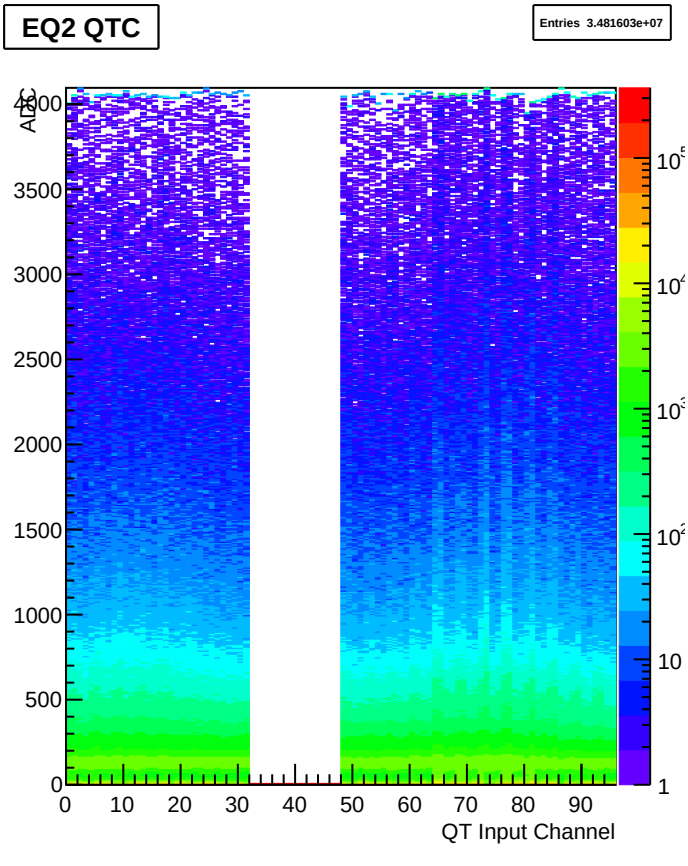

EQ1 QTB
Entries 3.618319e+07
TDC
QT Input Channel

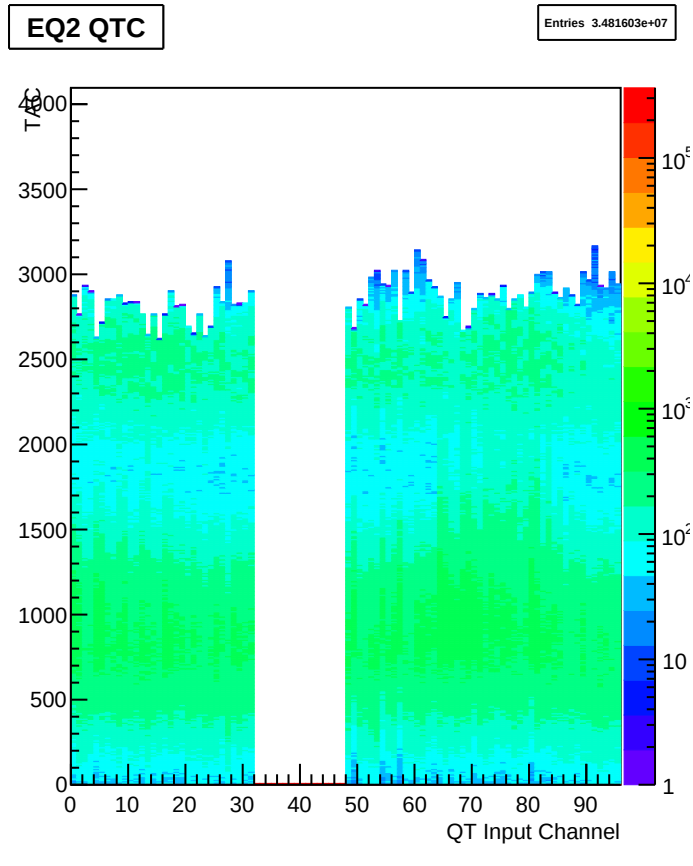

EQ1 QTC
Entries 3.481603e+07
ADC
QT Input Channel

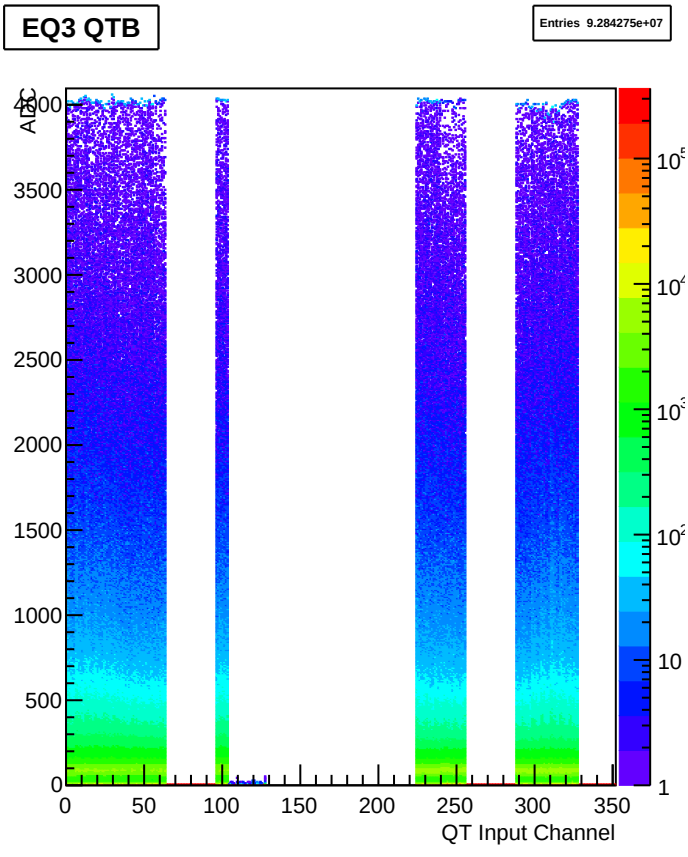

EQ1 QTC
Entries 3.481603e+07
TADC
QT Input Channel

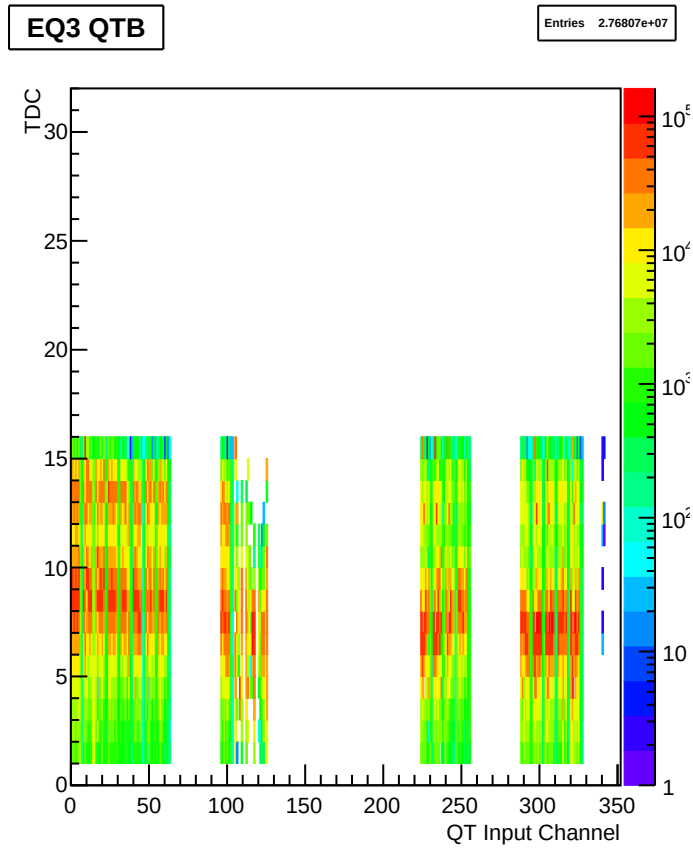

EQ2 QTB
Entries 1.044481e+08
ADC
QT Input Channel

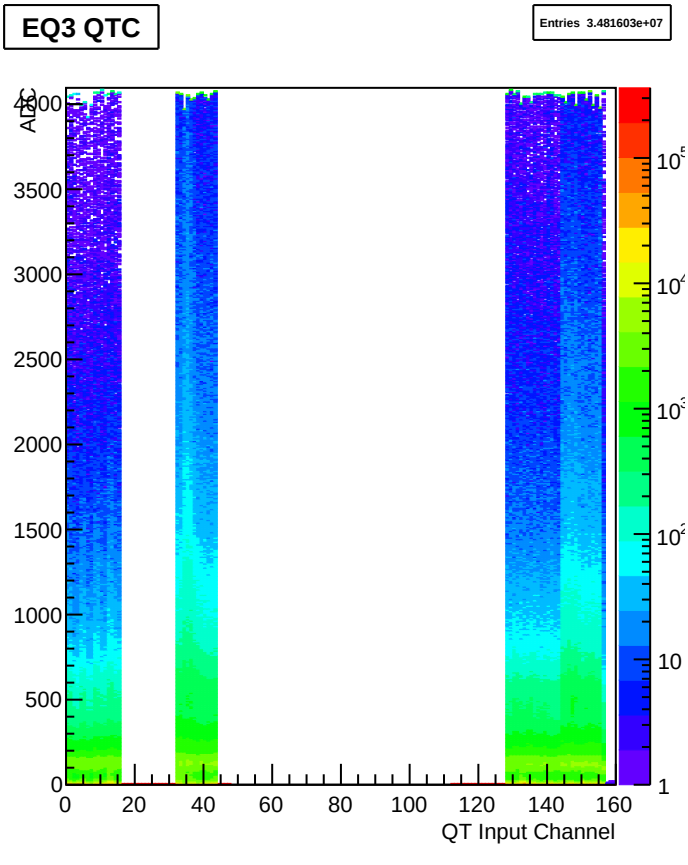

EQ2 QTB
Entries 2.818394e+07
TDC
QT Input Channel

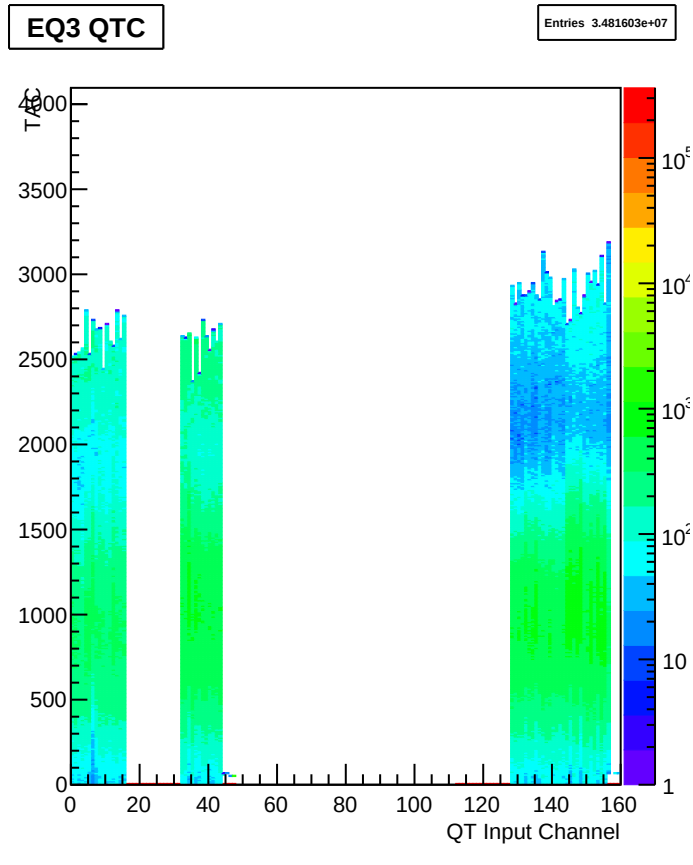

EQ2 QTC
Entries 3.481603e+07
ADC
QT Input Channel

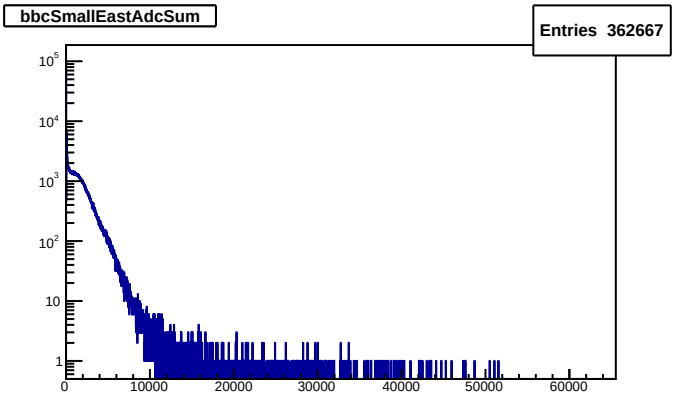

EQ2 QTC
Entries 3.481603e+07
TADC
QT Input Channel

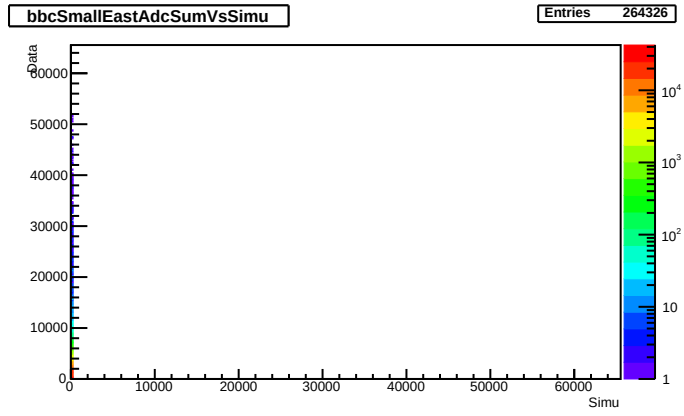

EQ3 QTB
Entries 9.284275e+07
ADC
QT Input Channel

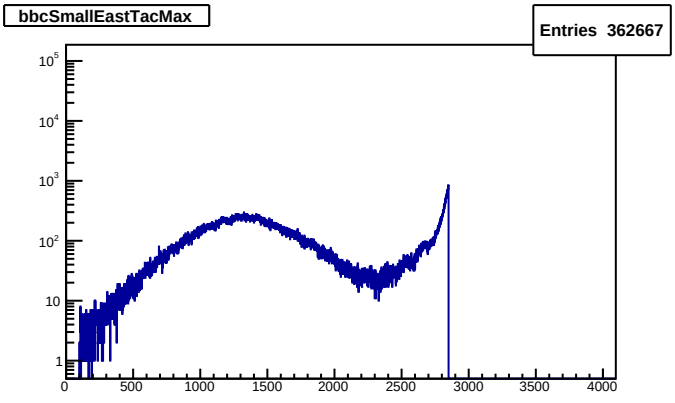

EQ3 QTB
Entries 2.76807e+07
TDC
QT Input Channel

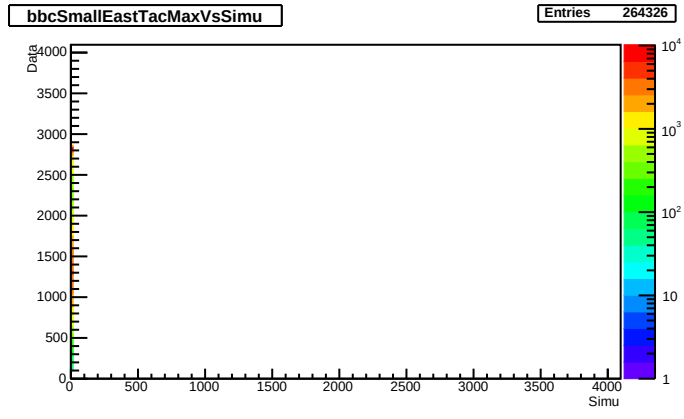

EQ3 QTC
Entries 3.481603e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.481603e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 362667


bbcSmallEastAdcSumVsSimu
Entries 264326
Data
Simu


bbcSmallEastTacMax
Entries 362667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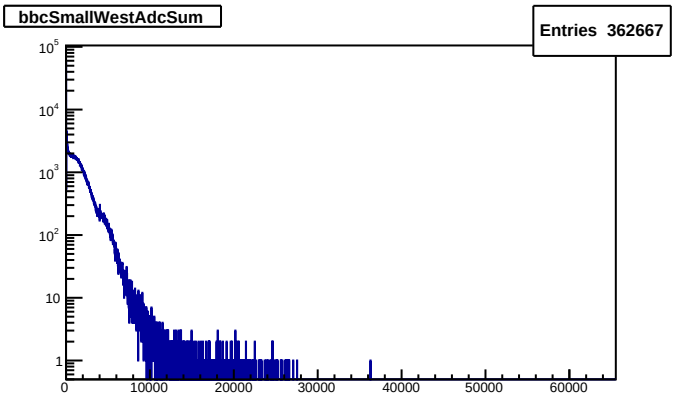
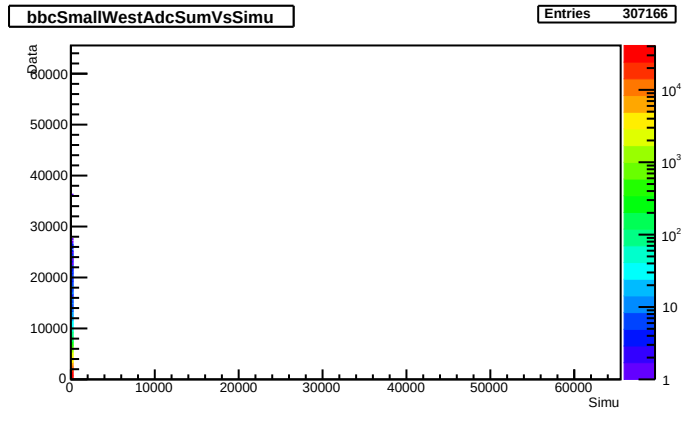
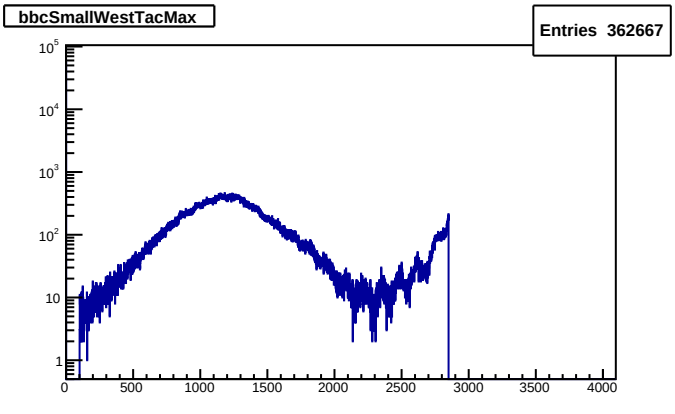
Entries 264326
Data
Simu


bbcSmallWestAdcSum
Entries 362667


bbcSmallWestAdcSumVsSimu
Entries 307166
Data
Simu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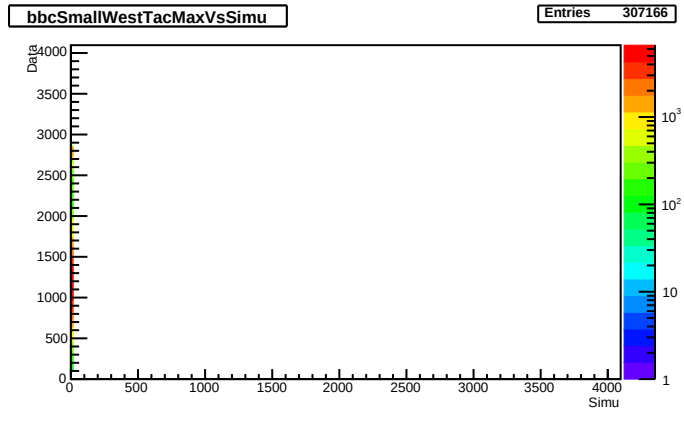
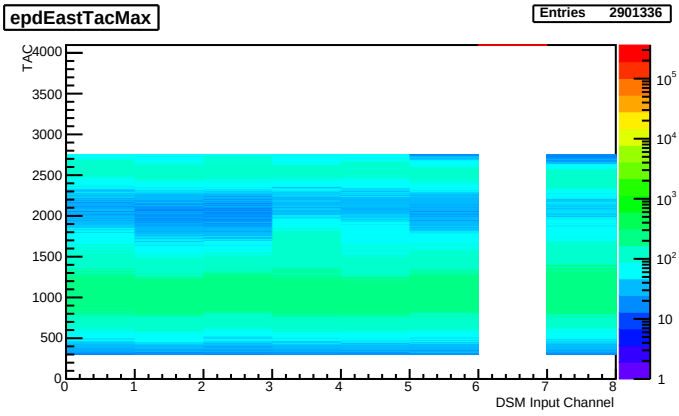
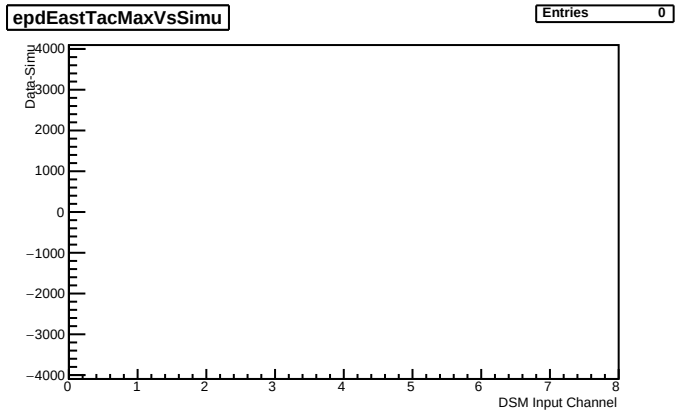
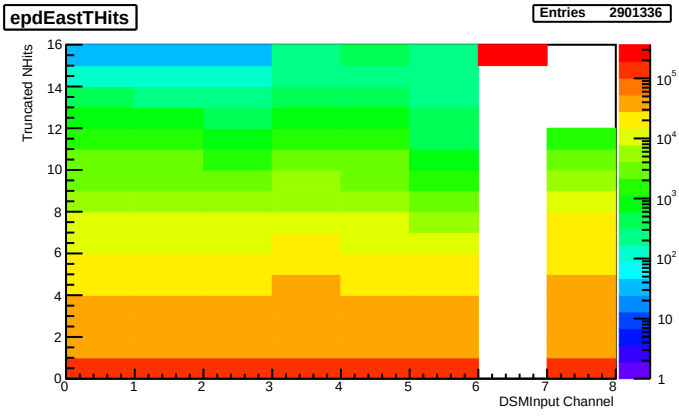
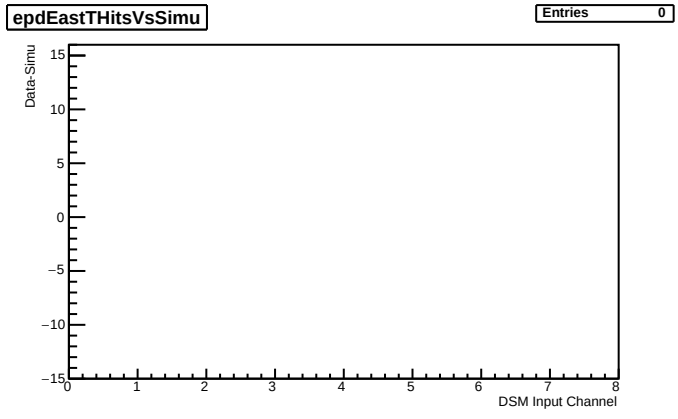
Entries 362667

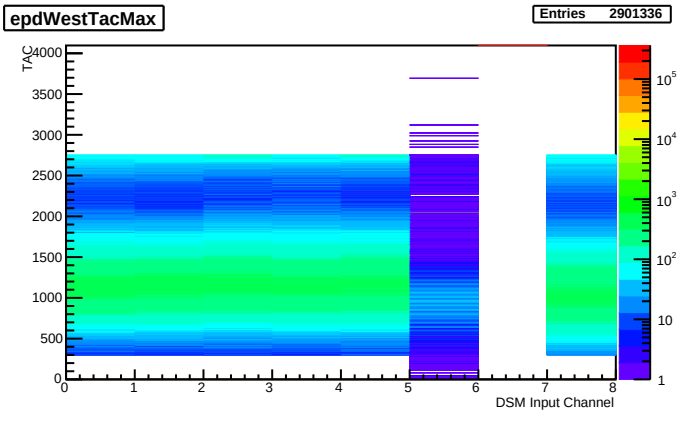

bbcSmallWestTacMaxVsSimu
Entries 307166
Data
Simu

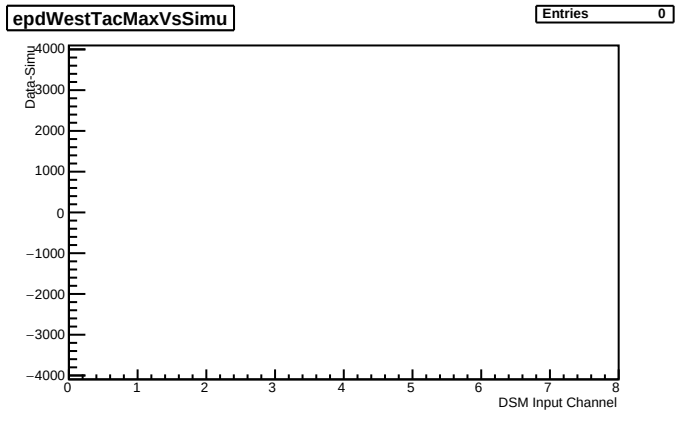

epdEastTacMax
Entries 2901336
TAC
DSM Input Channel

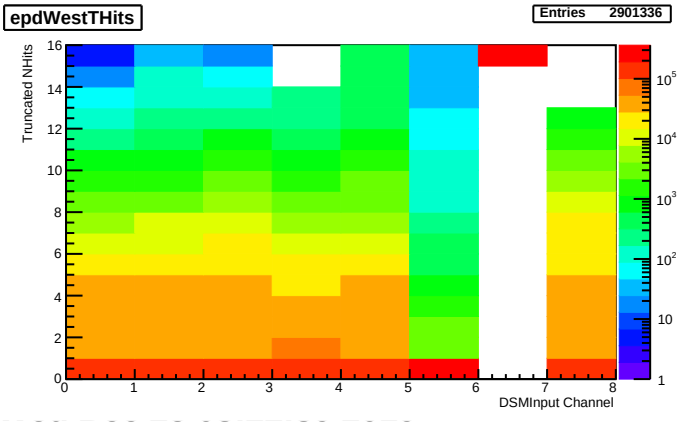

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

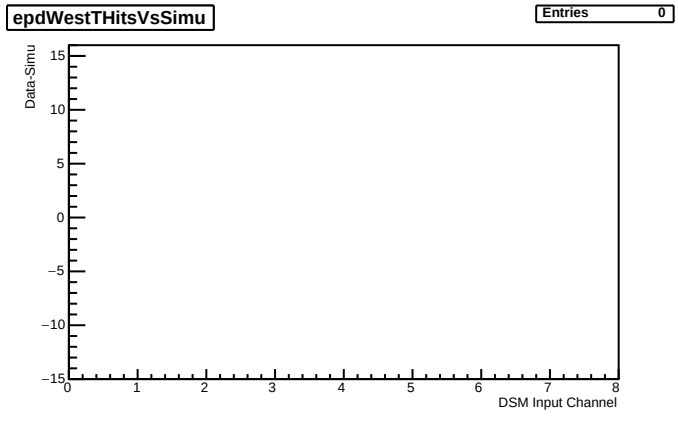

epdEastTHits
Entries 2901336
Truncated NHits
DSMInput Channel

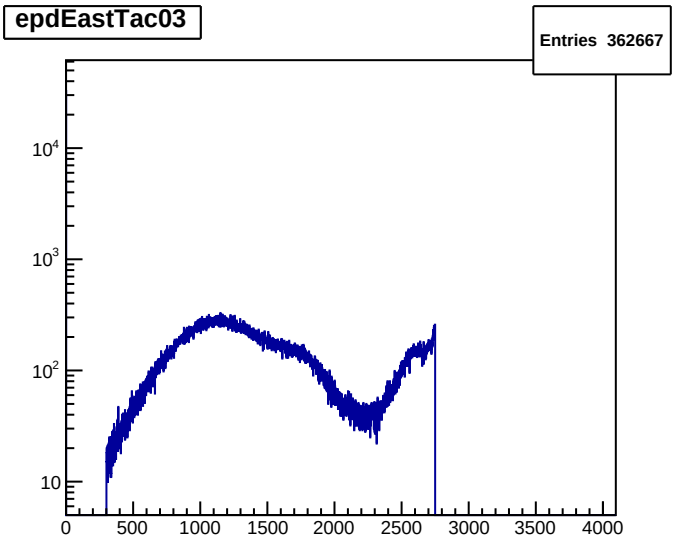

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

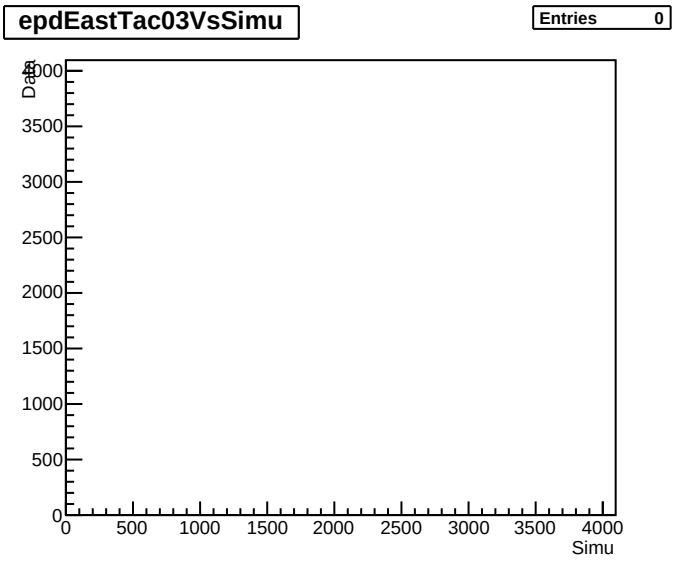

epdWestTacMax
Entries 2901336
TAC
DSM Input Channel

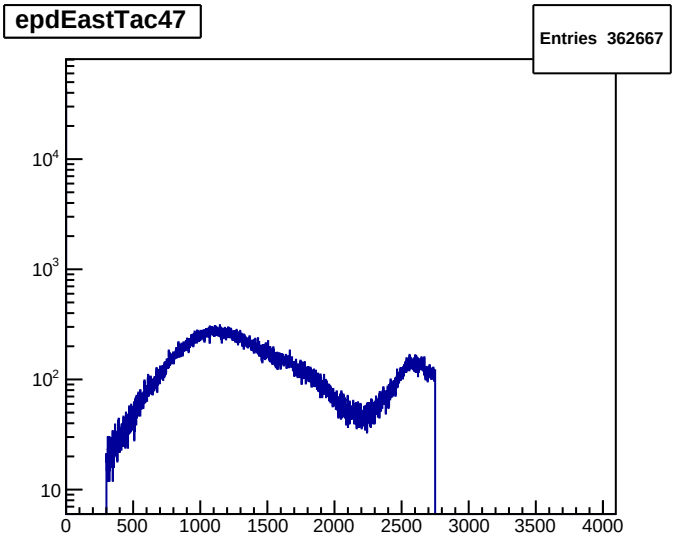

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

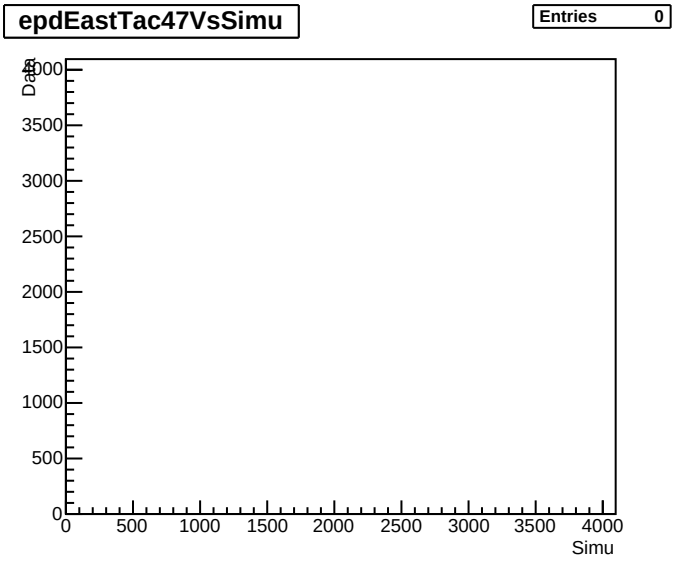

epdWestTHits
Entries 2901336
Truncated NHits
DSMInput Channel

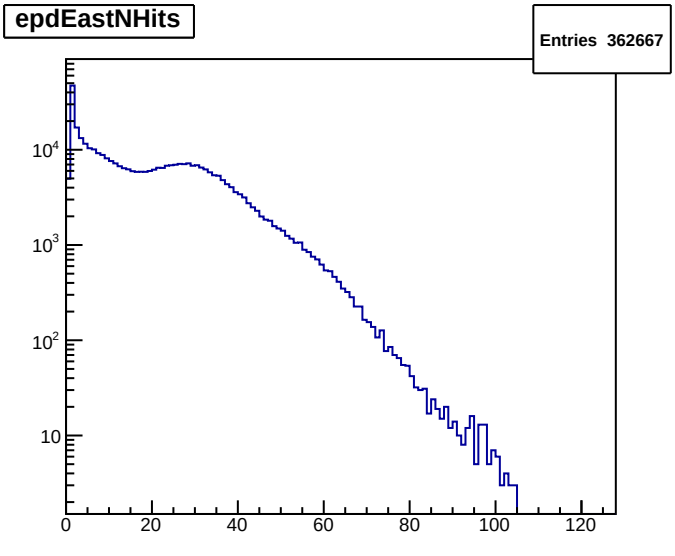

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

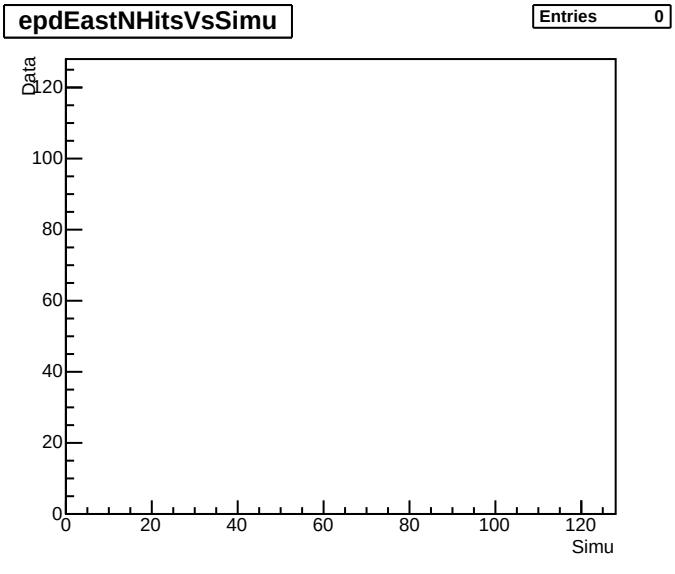

epdEastTac03
Entries 362667
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

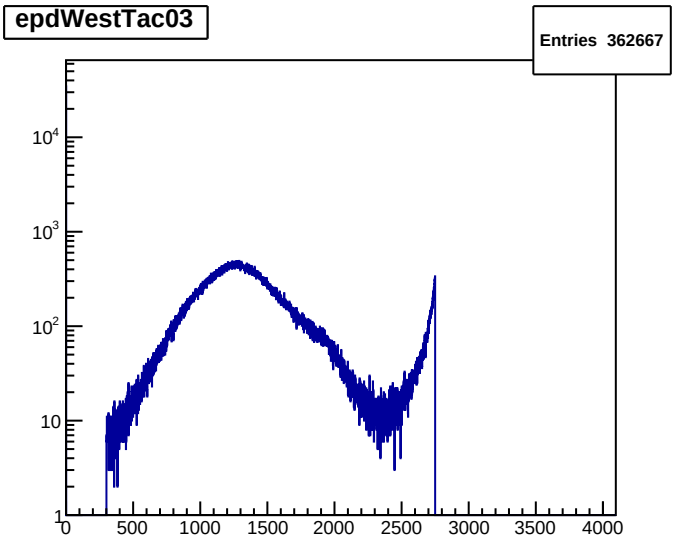

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

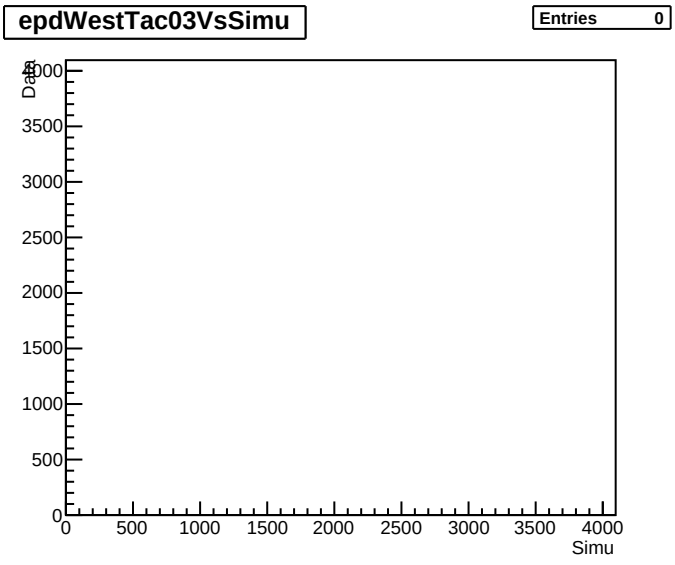

epdEastTac47
Entries 362667
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 362667
10^4
10^3
10^2
10
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 362667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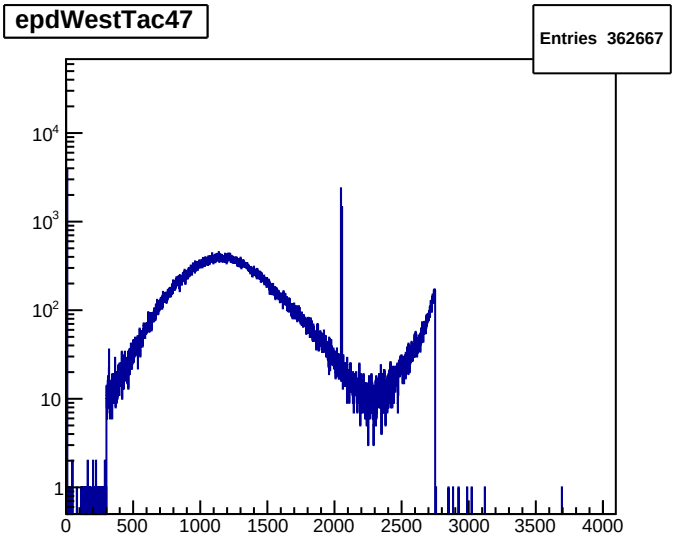
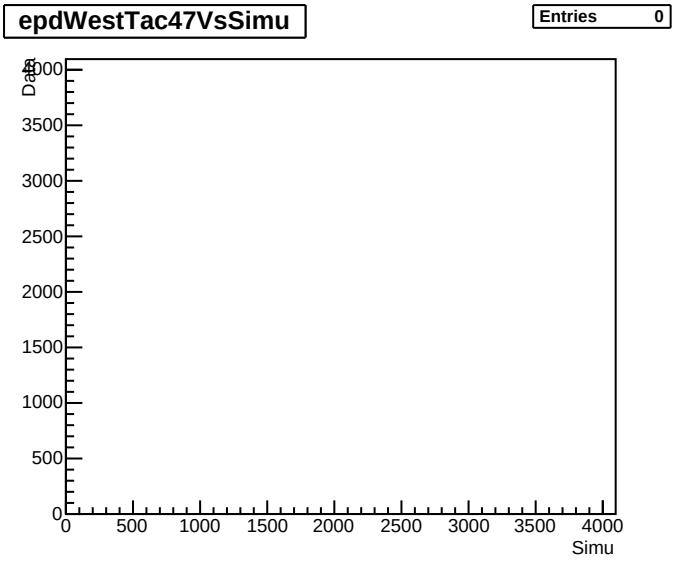
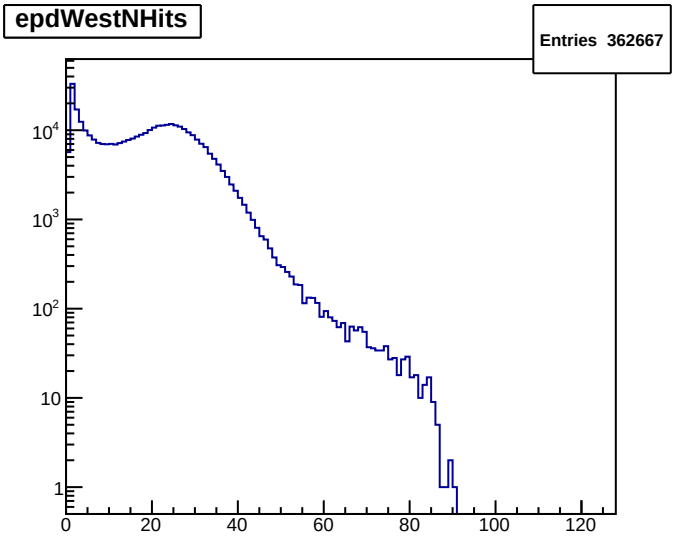
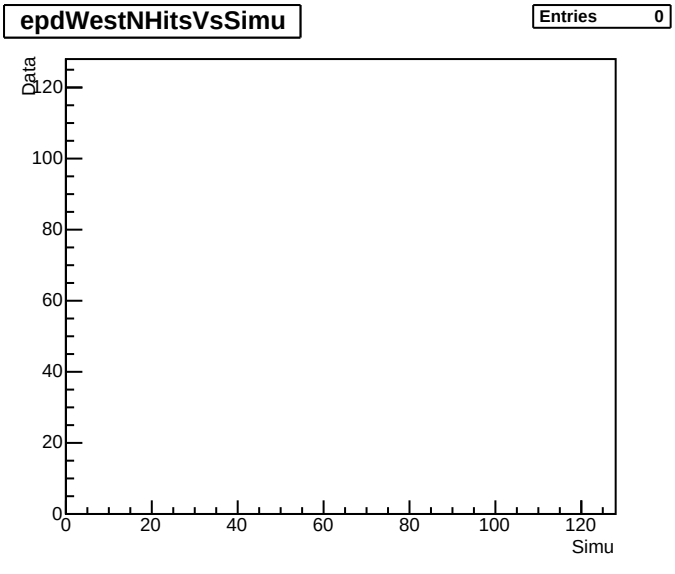
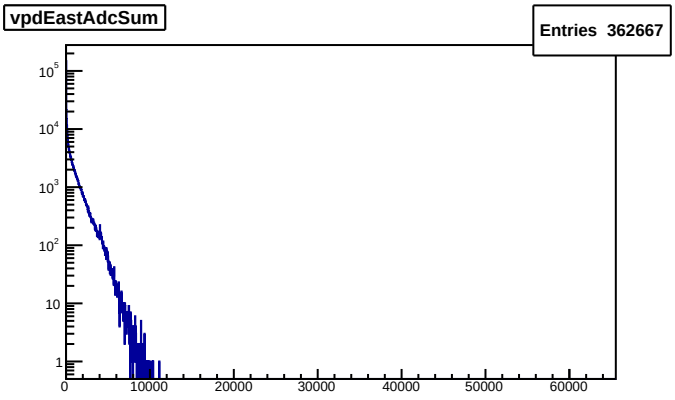
Entries 0
Data
Simu

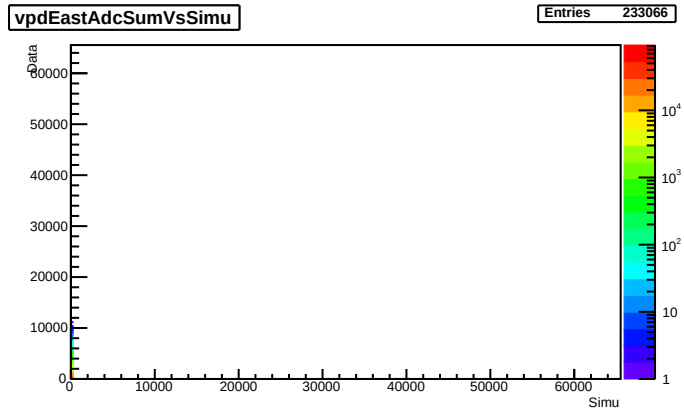

epdWestTac47
Entries 362667

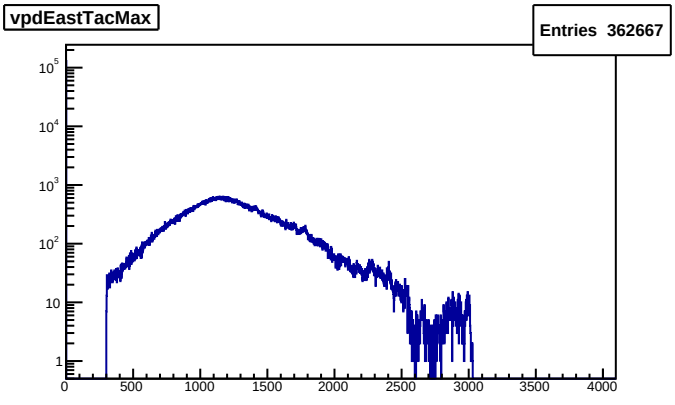

epdWestTac47VsSimu
Entries 0
Data
Simu

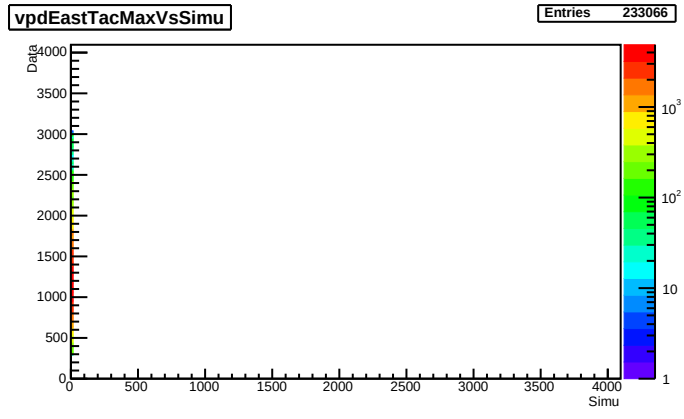

epdWestNHits
Entries 362667

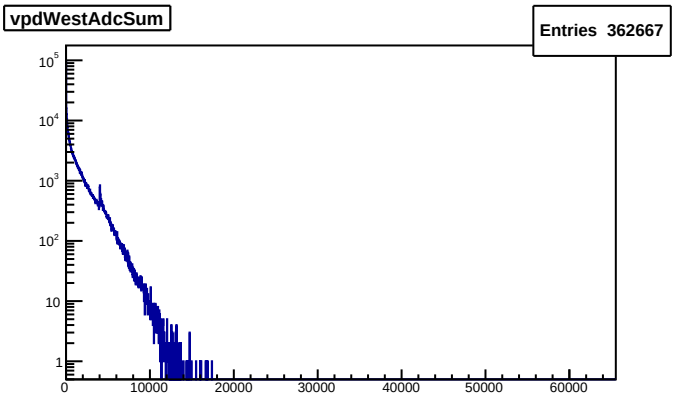

epdWestNHitsVsSimu
Entries 0
Data
Simu

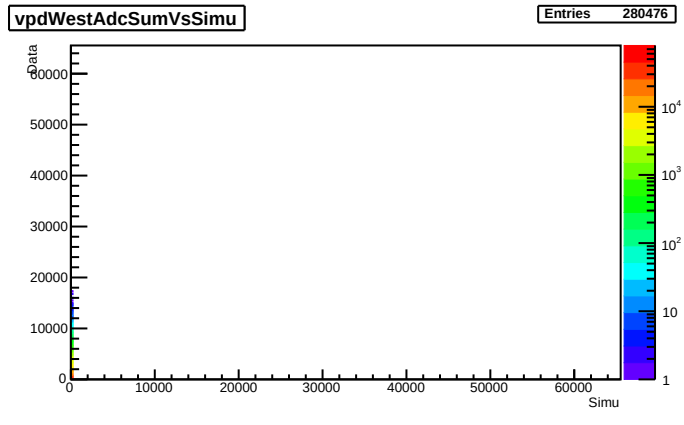

vpdEastAdcSum
Entries 362667

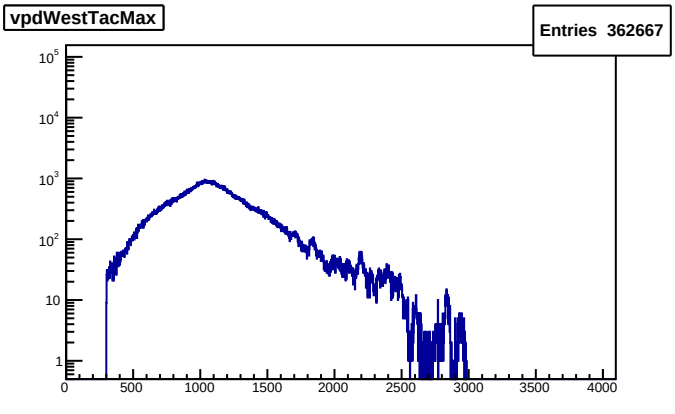

vpdEastAdcSumVsSimu
Entries 233066
Data
Simu

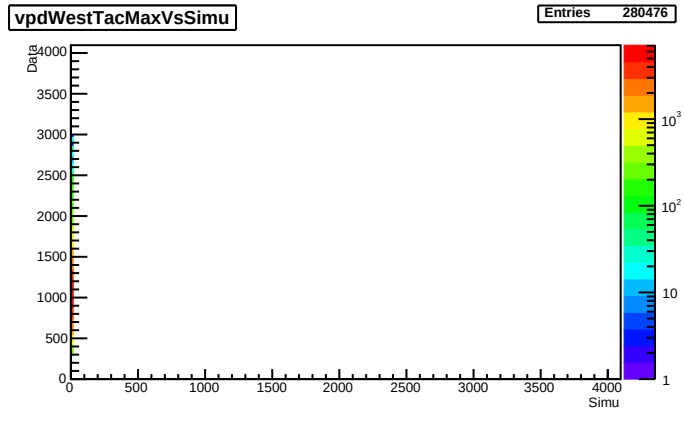

vpdEastTacMax
Entries 362667

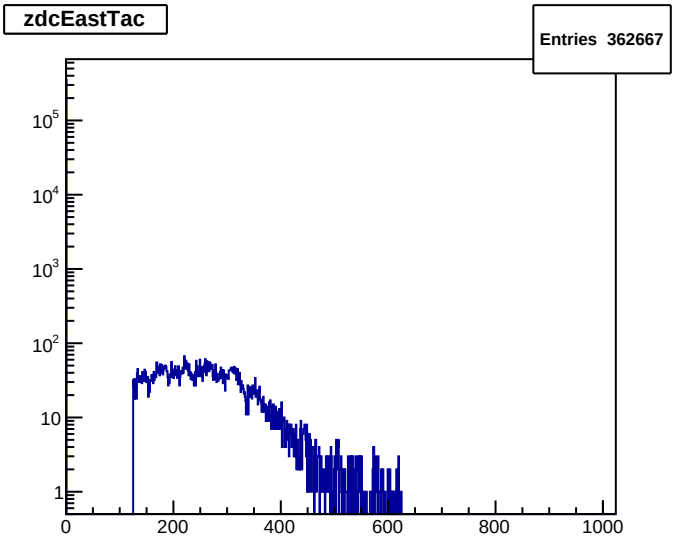

vpdEastTacMaxVsSimu
Entries 233066
Data
Simu

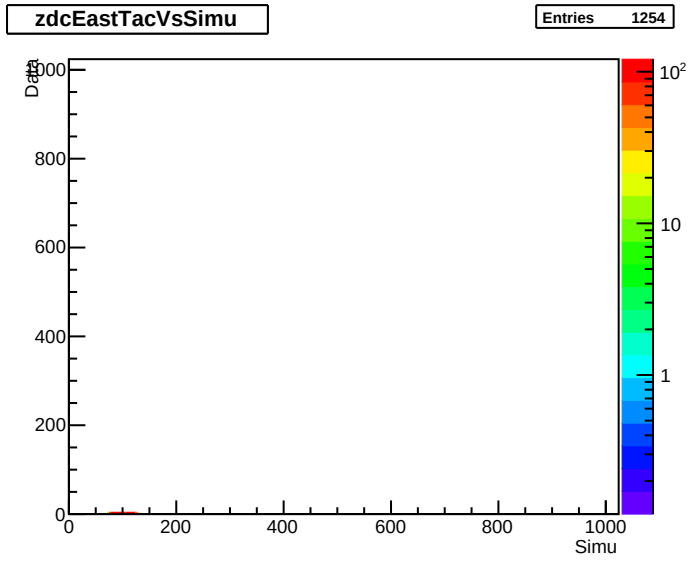

vpdWestAdcSum
Entries 362667

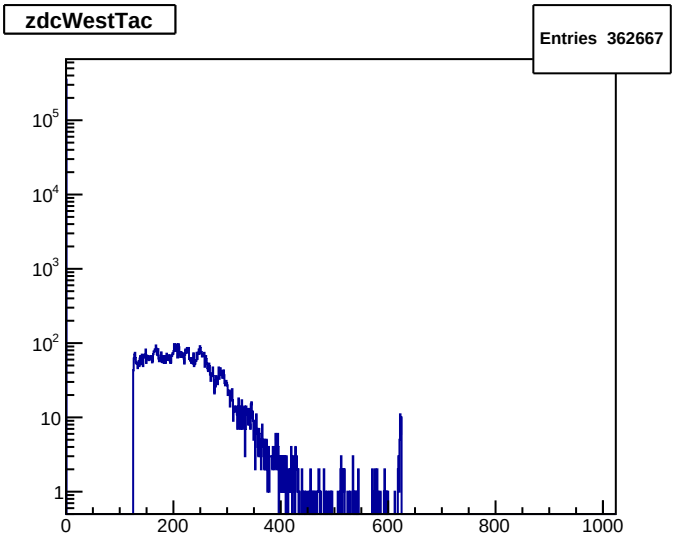

vpdWestAdcSumVsSimu
Entries 280476
Data
Simu

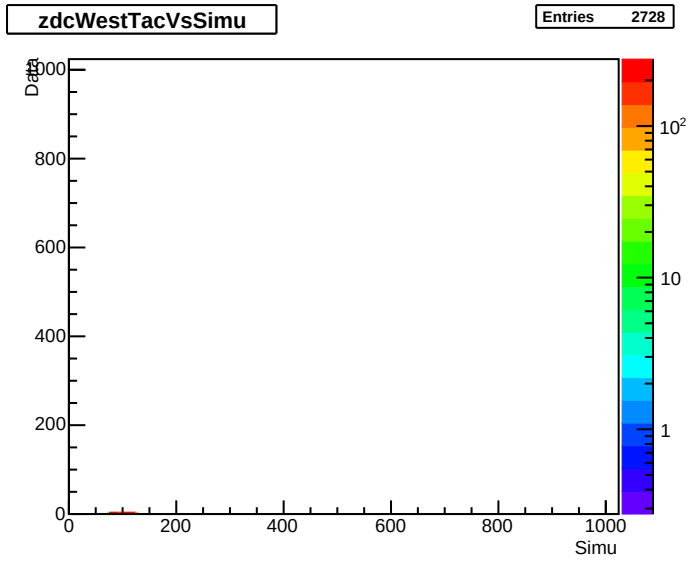

vpdWestTacMax
Entries 362667

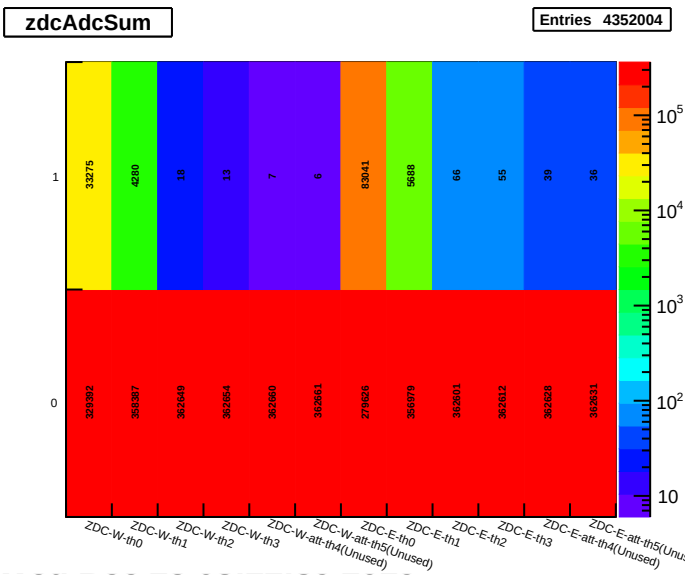

vpdWestTacMaxVsSimu
Entries 280476
Data
Simu

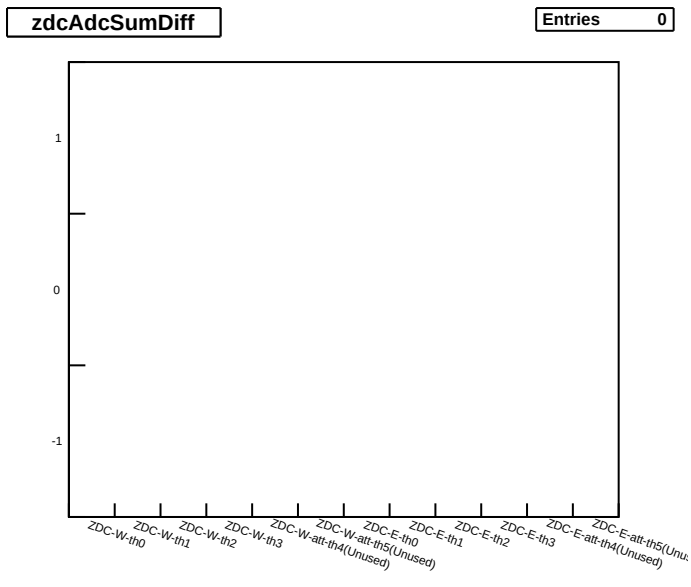

zdcEastTac
Entries 362667

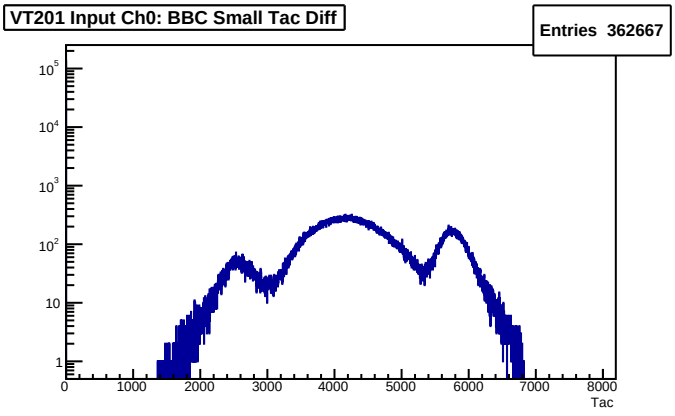

zdcEastTacVsSimu
Entries 1254
Data
Simu

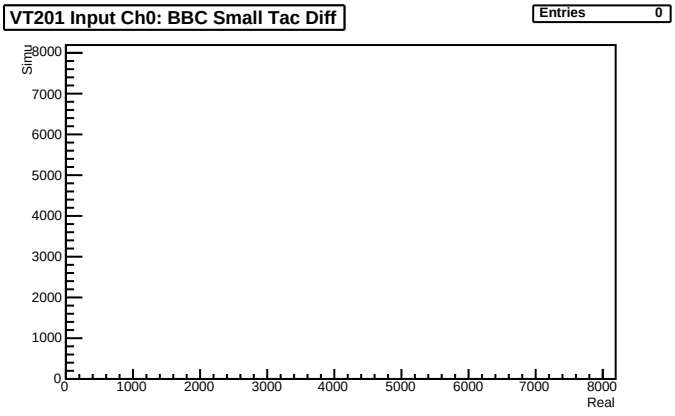

zdcWestTac
Entries 362667

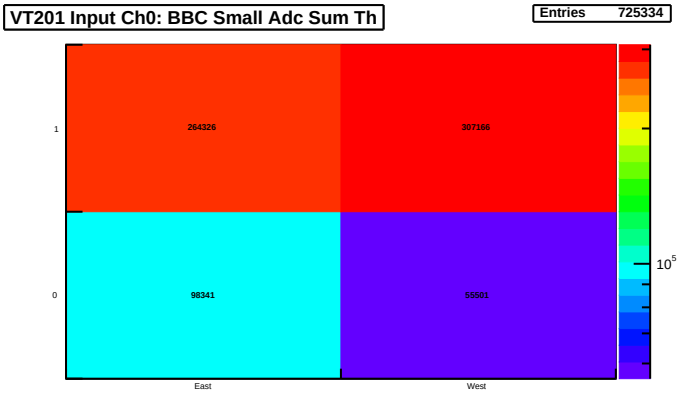

zdcWestTacVsSimu
Entries 2728
Data
Simu

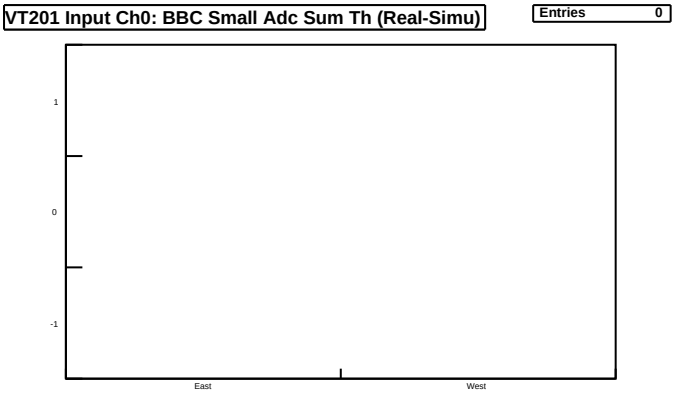

zdcAdcSum
Entries 4352004
33275
4280
18
13
7
6
83041
5688
66
55
39
36
329392
358387
362649
362654
362660
362661
279626
356979
362601
362612
362628
362631
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

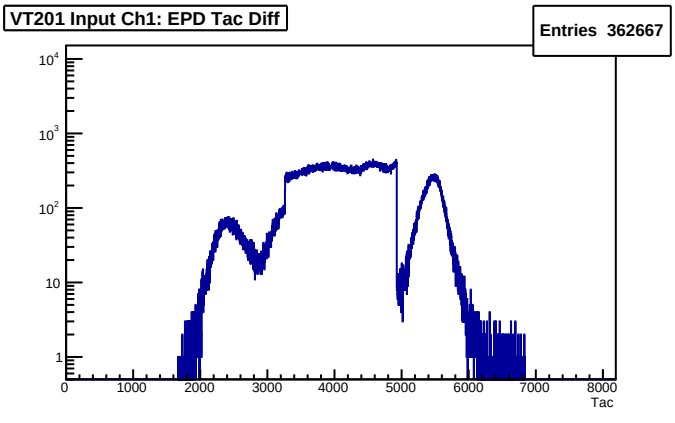

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

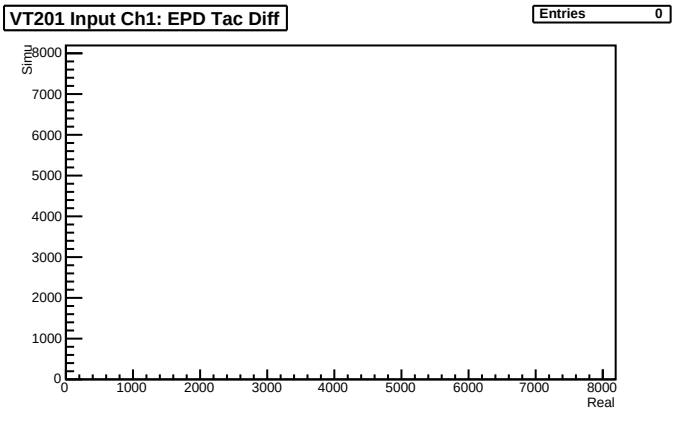

VT201 Input Ch0: BBC Small Tac Diff
Entries 362667
Tac

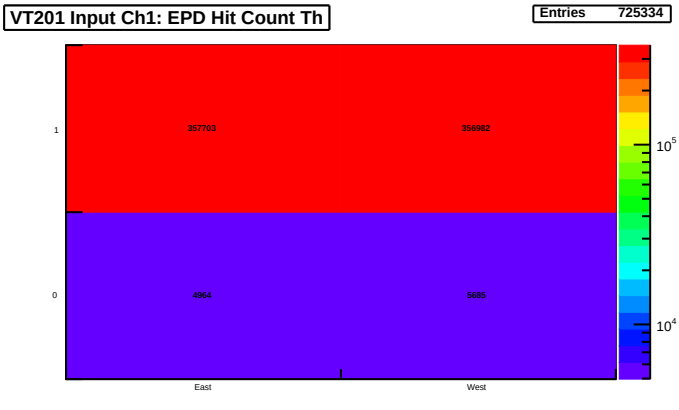

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

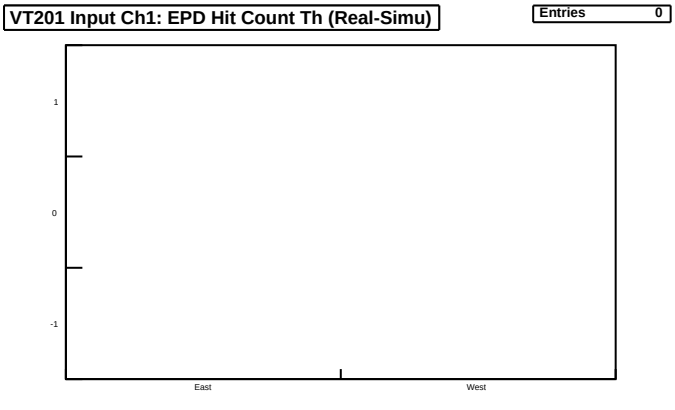

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 725334
264326
307166
98341
55501
East
West

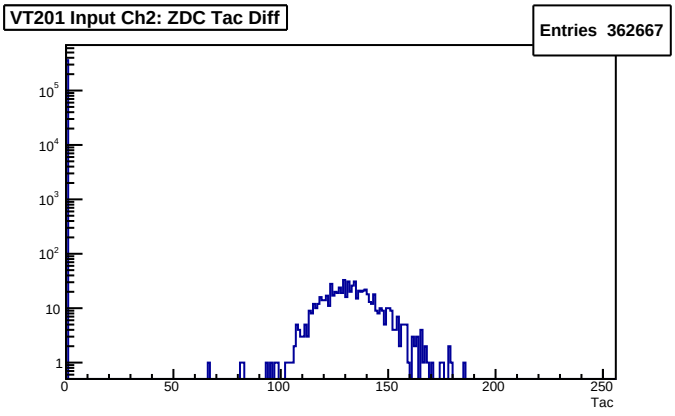

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

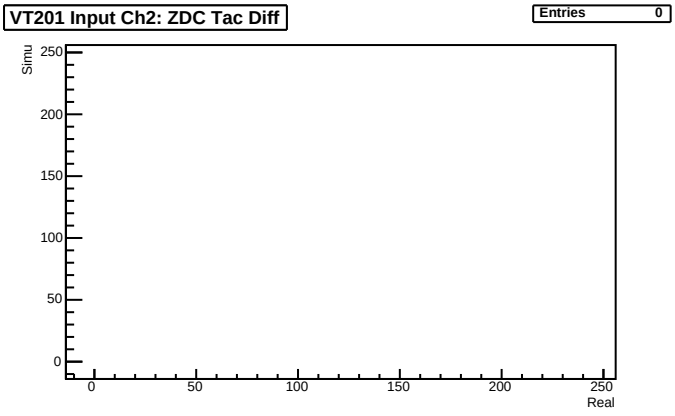

VT201 Input Ch1: EPD Tac Diff
Entries 362667
Tac

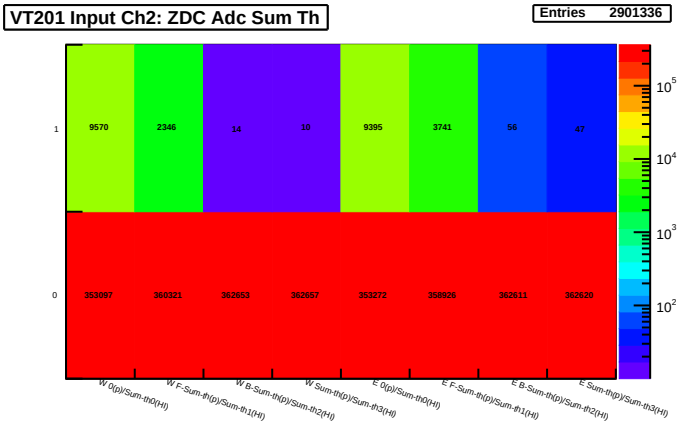

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

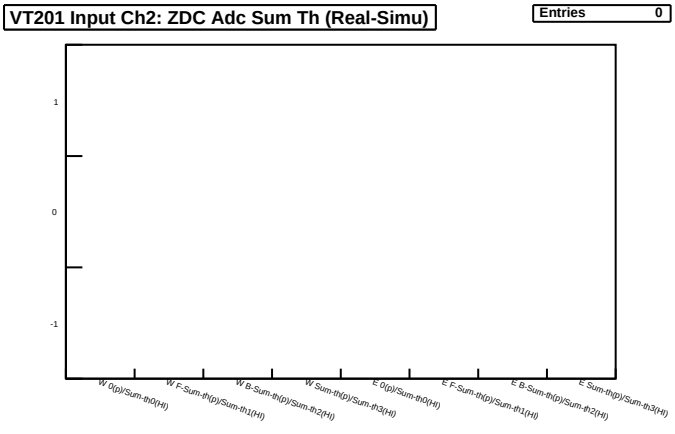

VT201 Input Ch1: EPD Hit Count Th
Entries 725334
357703
350982
4984
5685
East
West

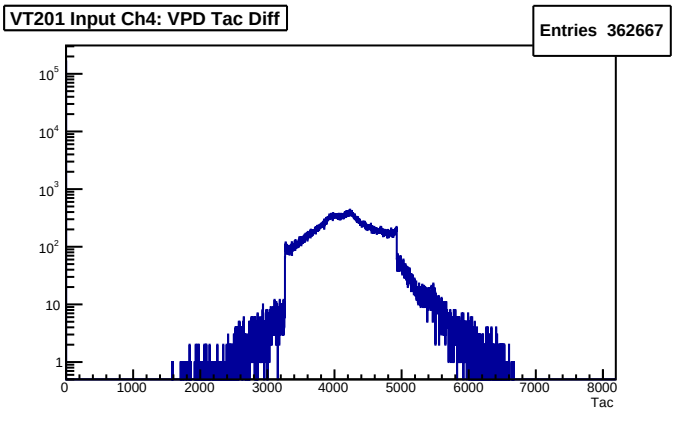

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

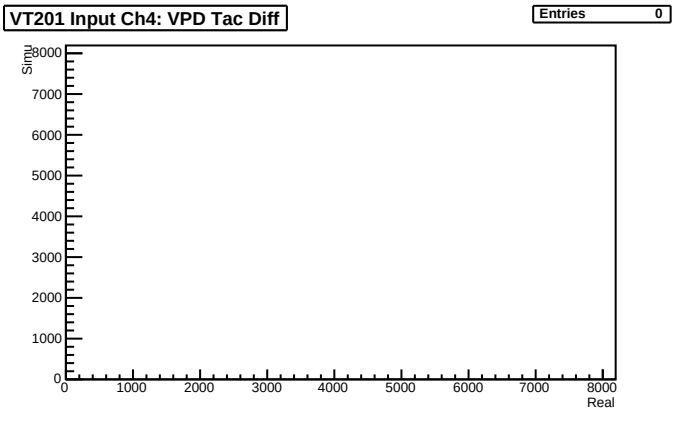

VT201 Input Ch2: ZDC Tac Diff
Entries 362667
Tac

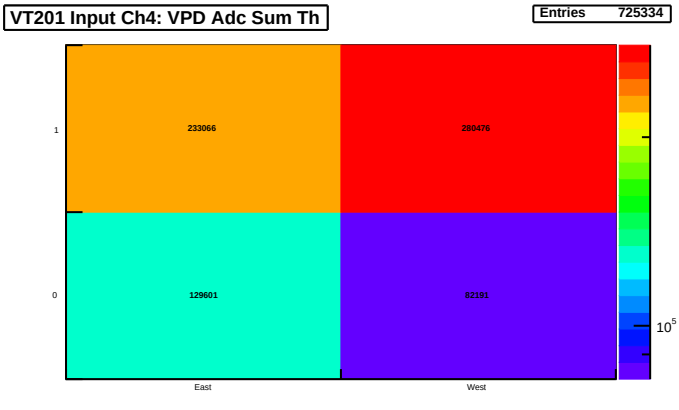

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

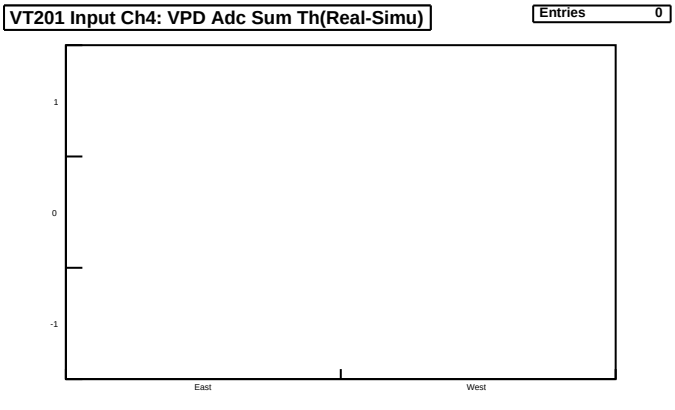

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2901336
9570
2346
14
10
9395
3741
56
47
353097
360321
362653
362657
353272
358926
362611
362620
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

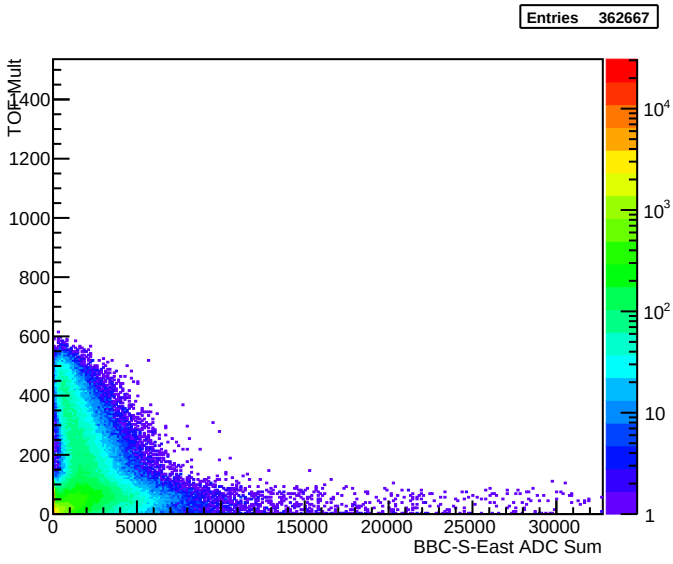

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

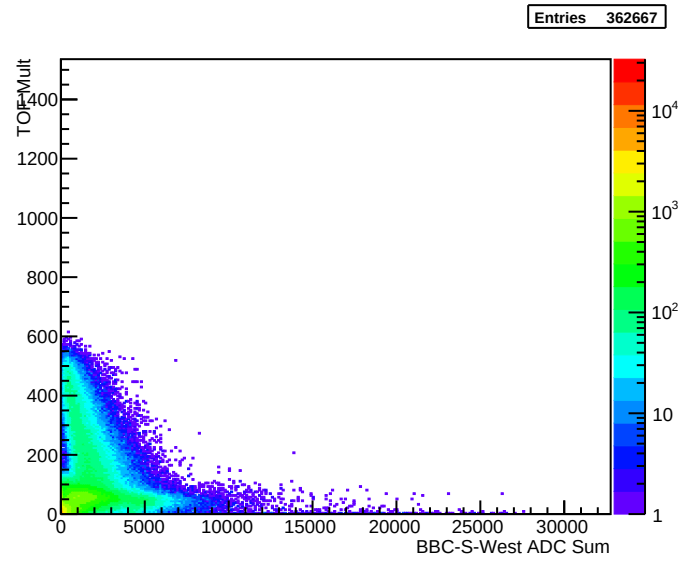

VT201 Input Ch4: VPD Tac Diff
Entries 362667
Tac

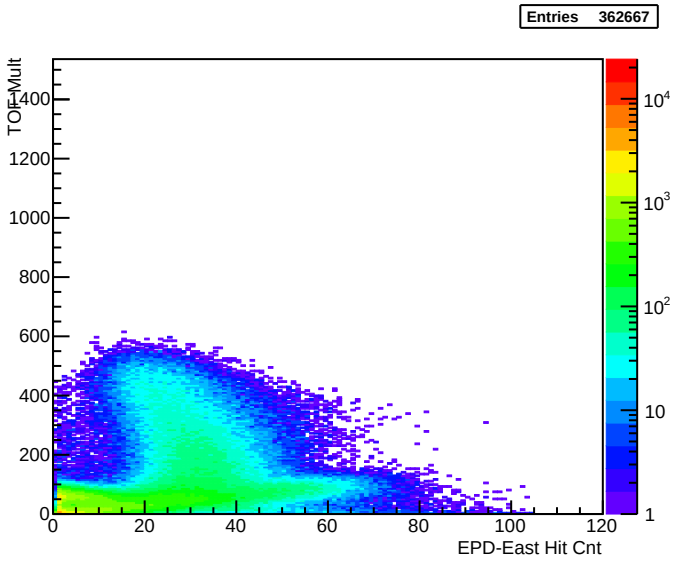

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

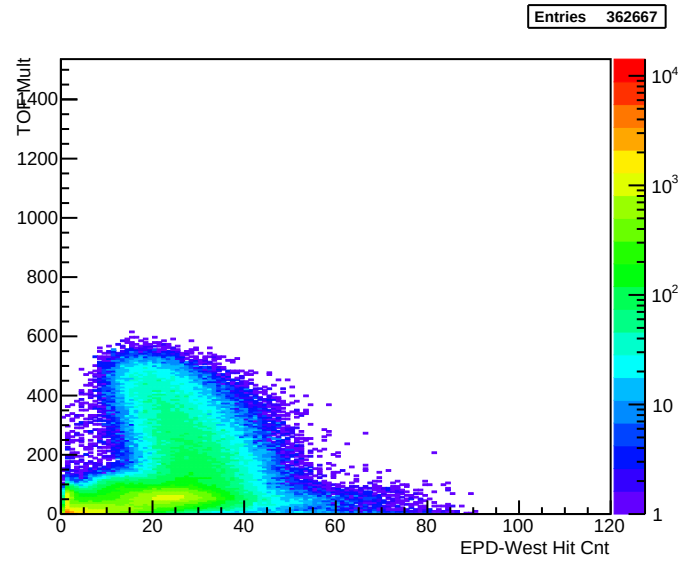

VT201 Input Ch4: VPD Adc Sum Th
Entries 725334
233066
280476
129601
82191
East
West

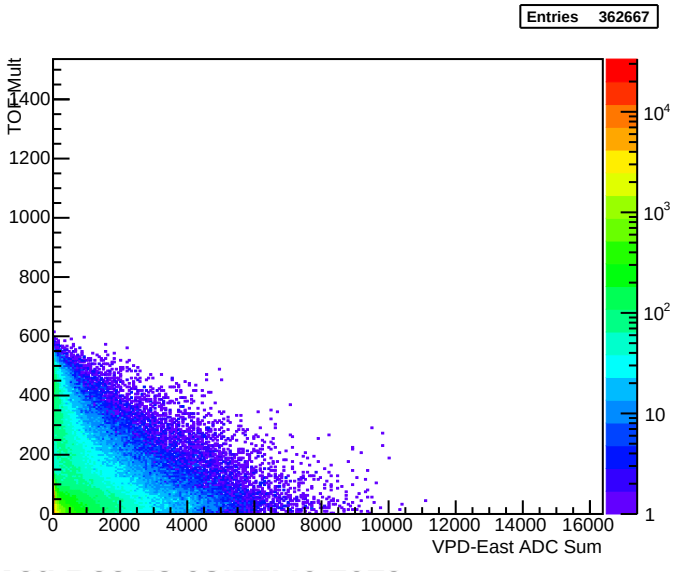

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

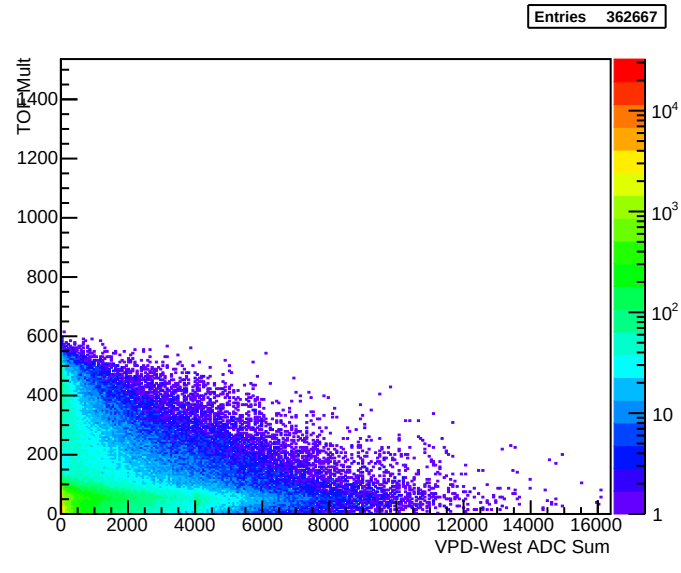

Entries 362667
TOF-Mult
BBC-S-East ADC Sum

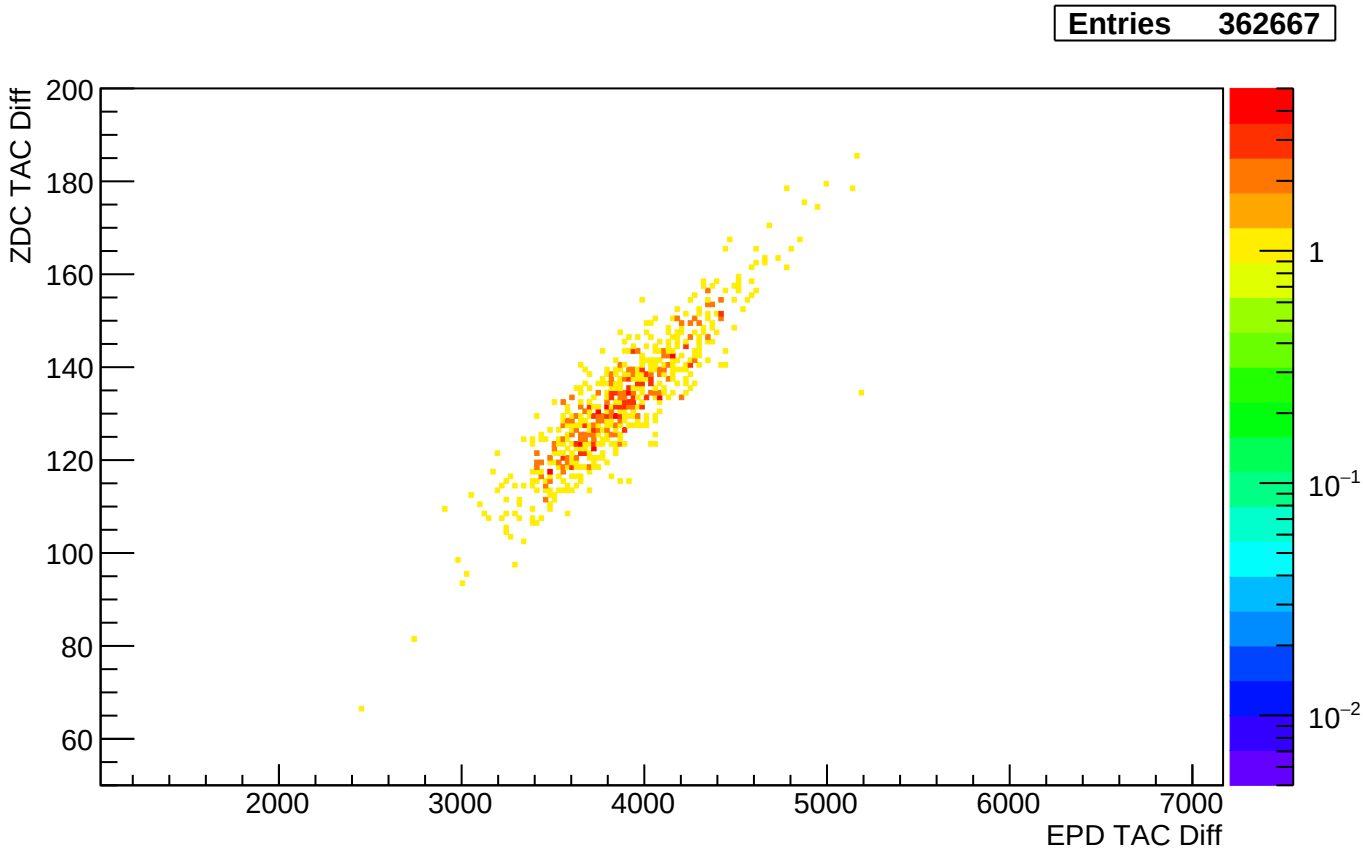

Entries 362667
TOF-Mult
BBC-S-West ADC Sum

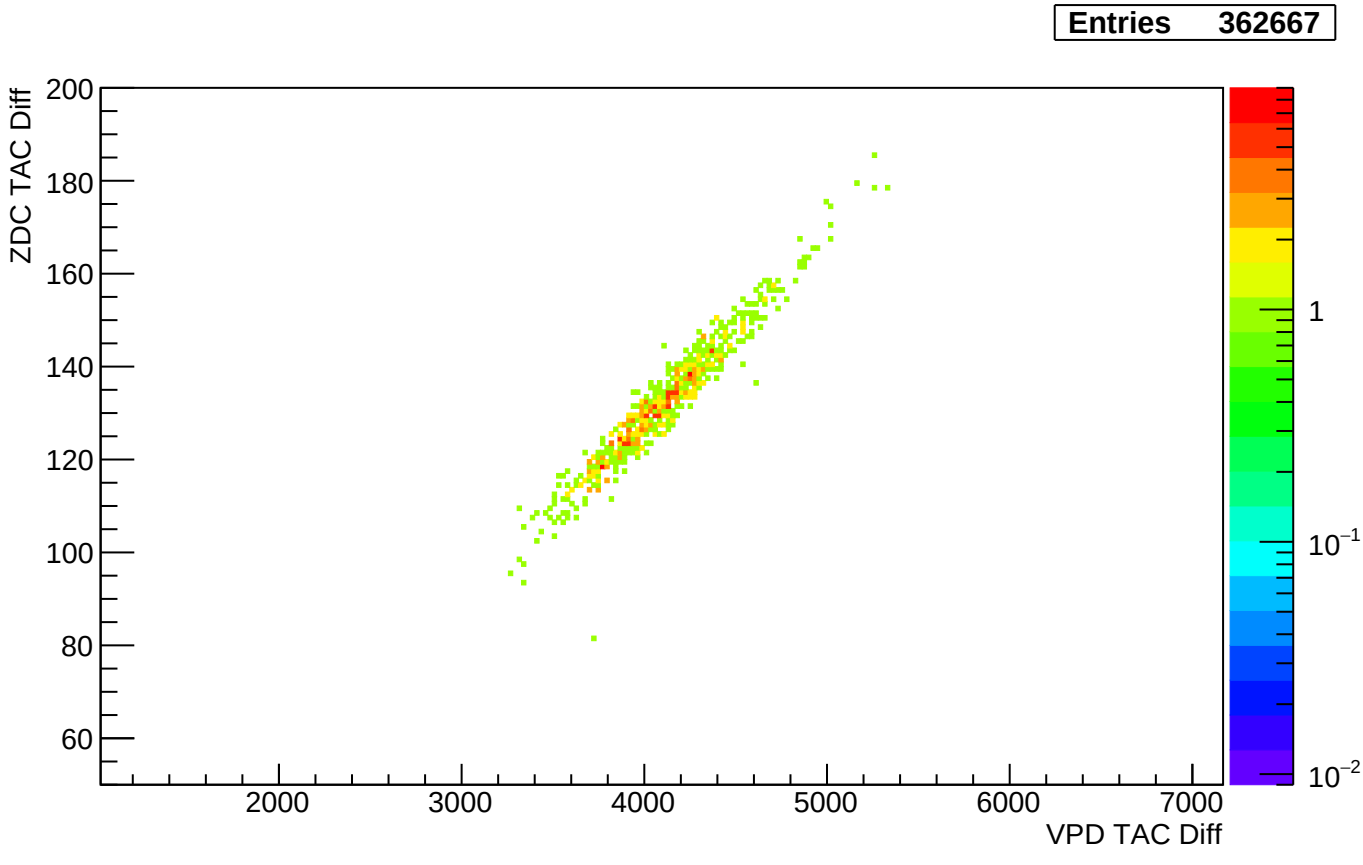

Entries 362667
TOF-Mult
EPD-East Hit Cnt

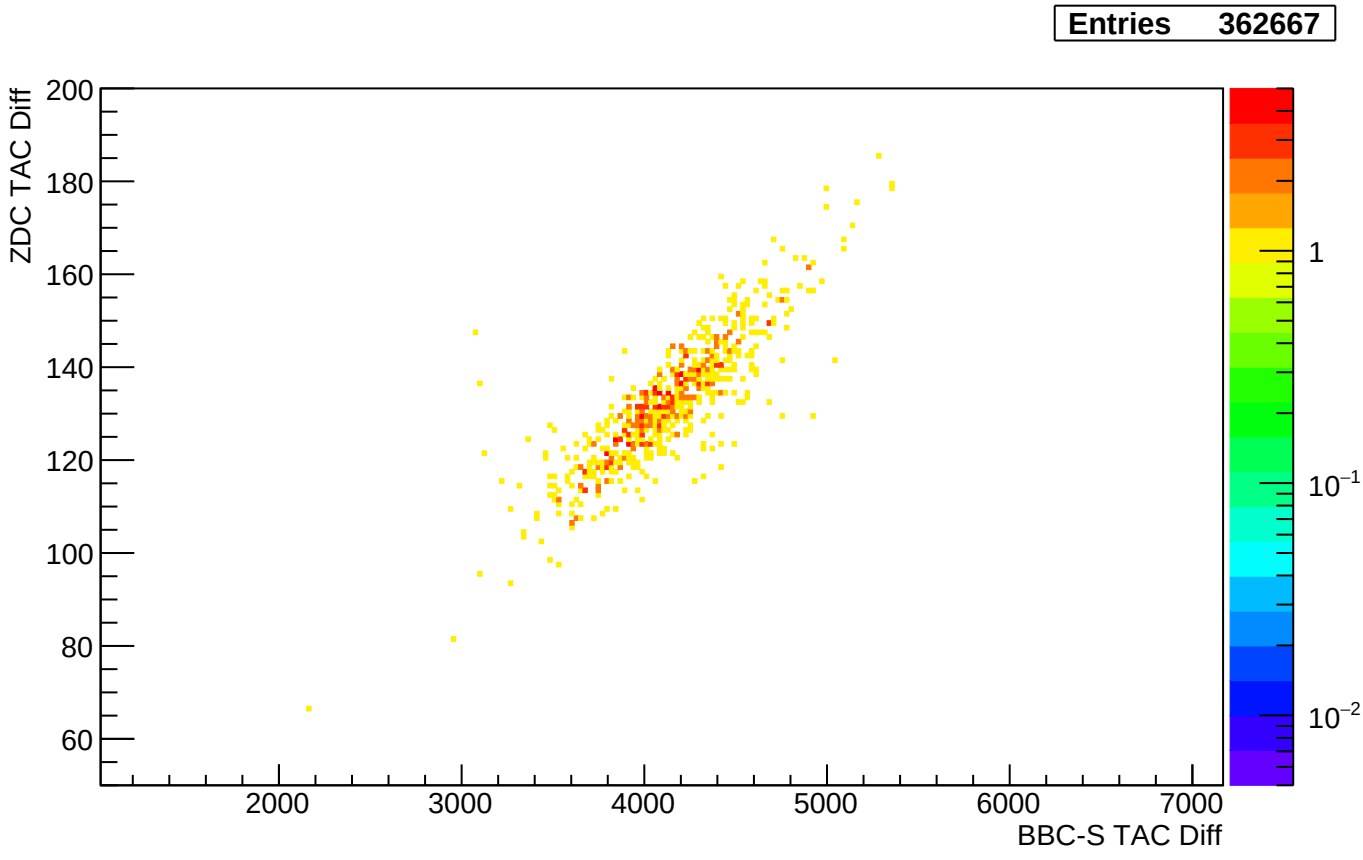

Entries 362667
TOF-Mult
EPD-West Hit Cnt

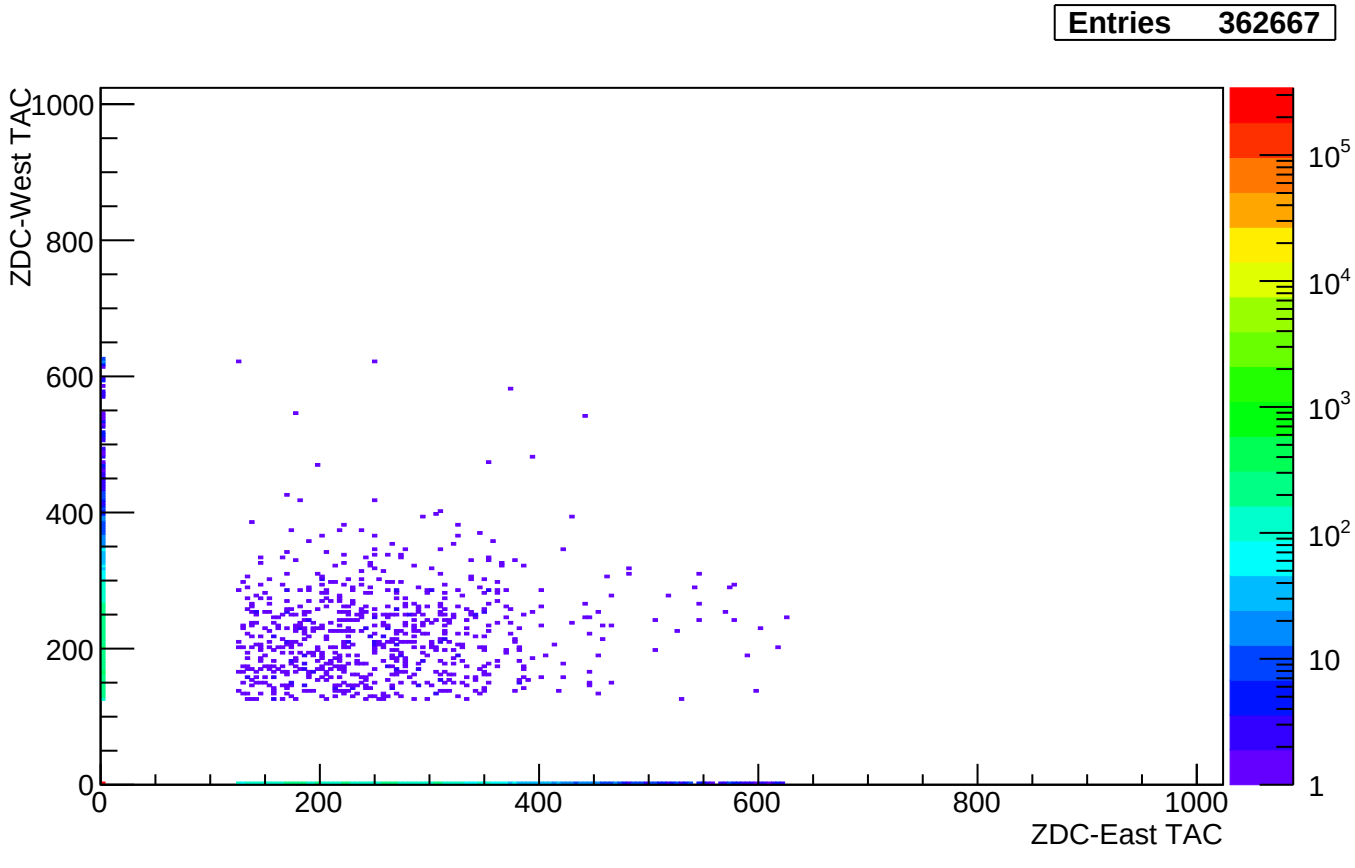

Entries 362667
TOF-Mult
VPD-East ADC Sum

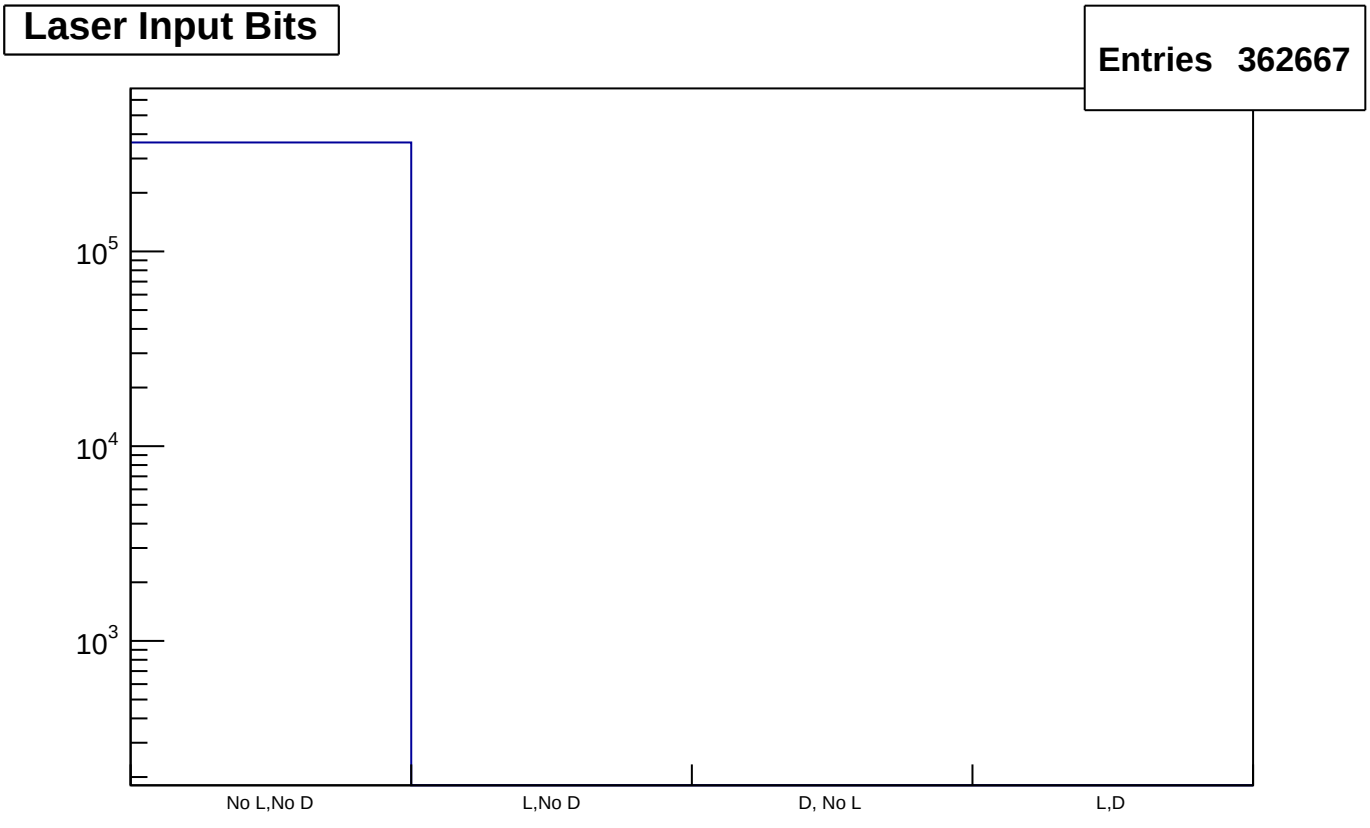

Entries 362667
TOF-Mult
VPD-West ADC Sum

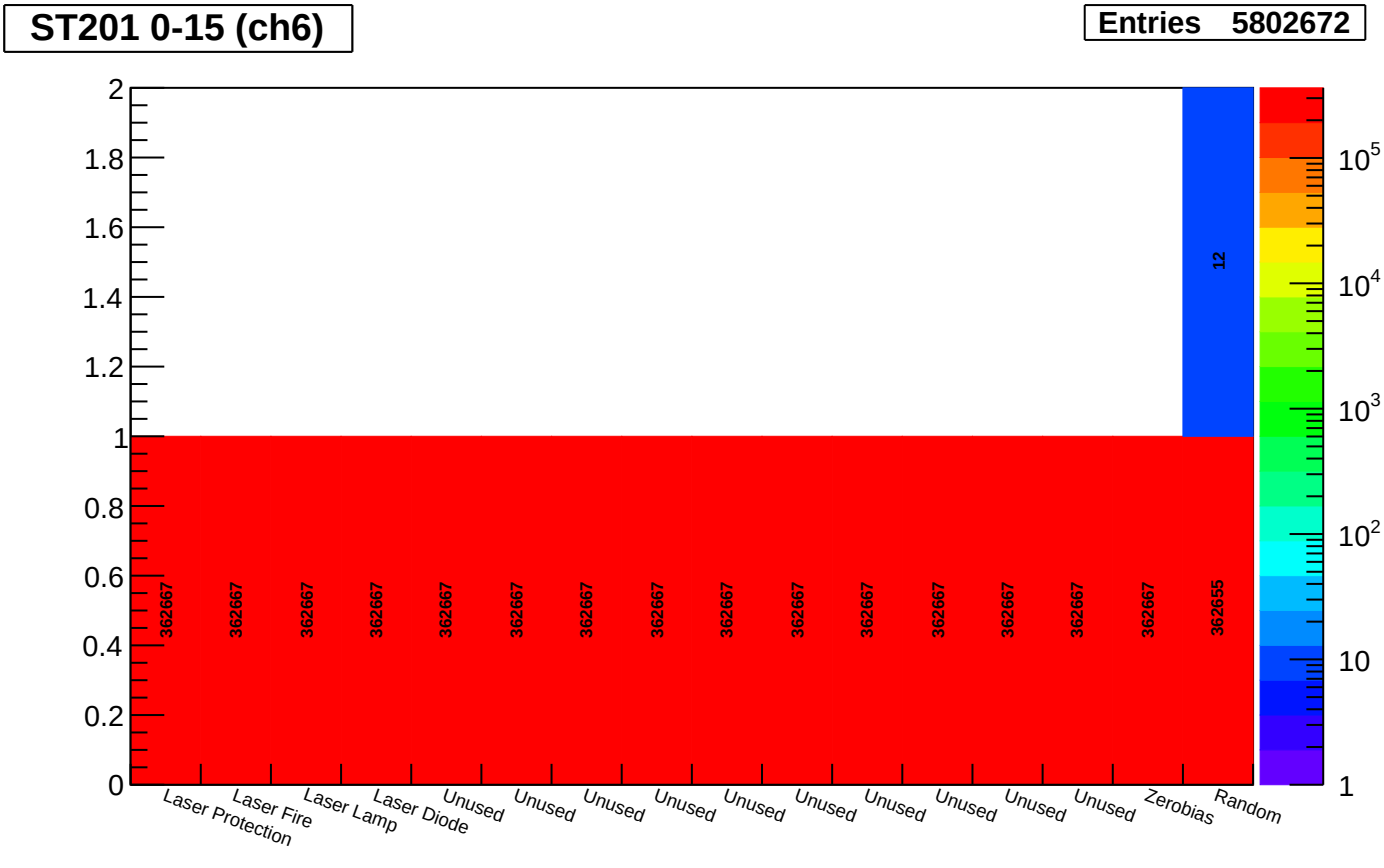

Entries 362667
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

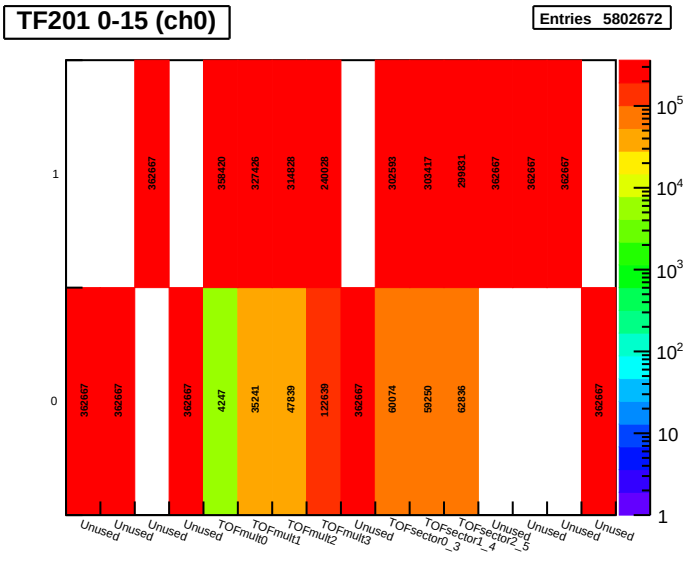

Entries 362667
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

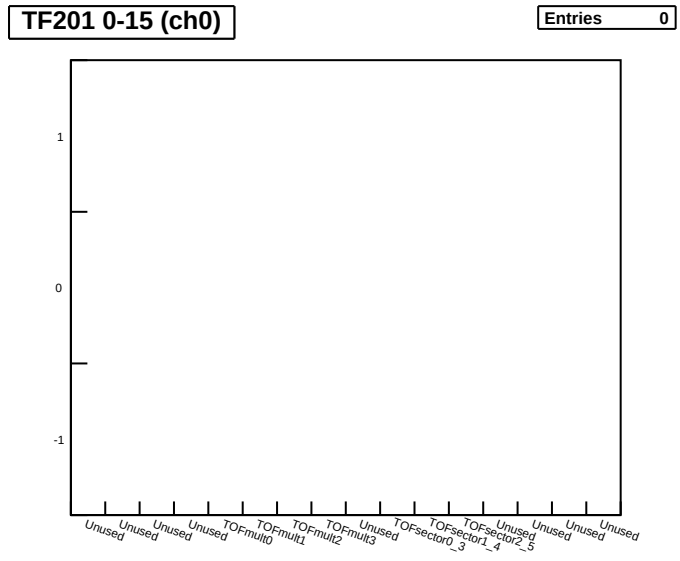

Entries 362667
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

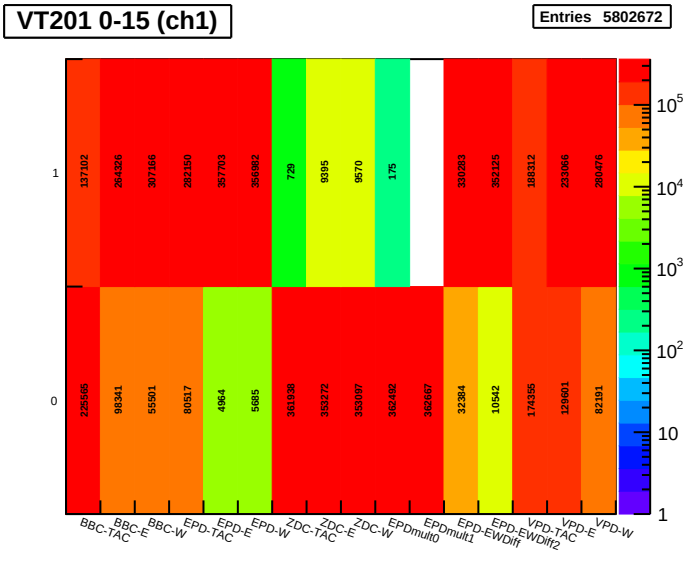

Entries 362667
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

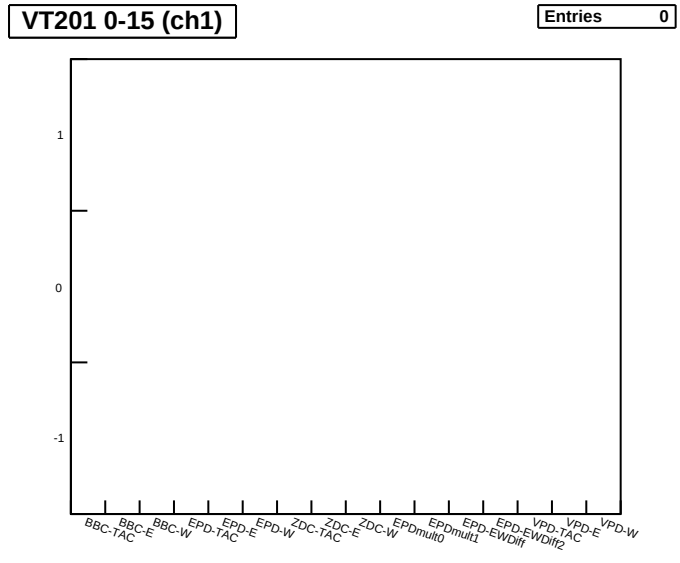

Laser Input Bits
Entries 362667
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

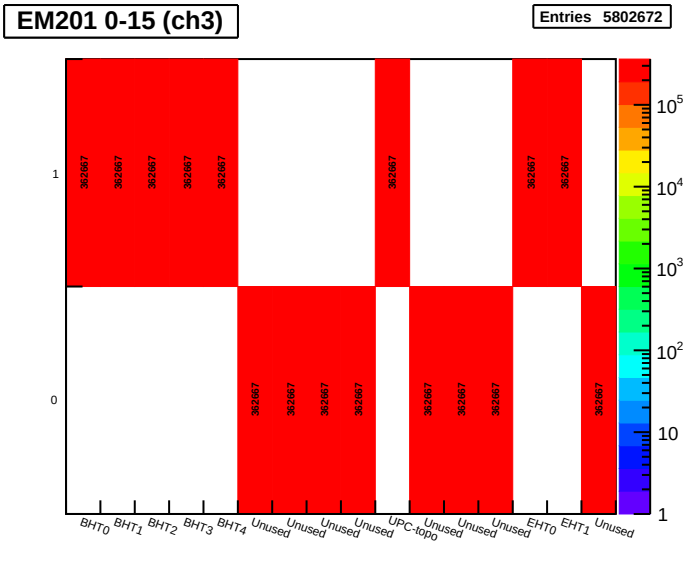

ST201 0-15 (ch6)
Entries 5802672
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
362667
362655
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

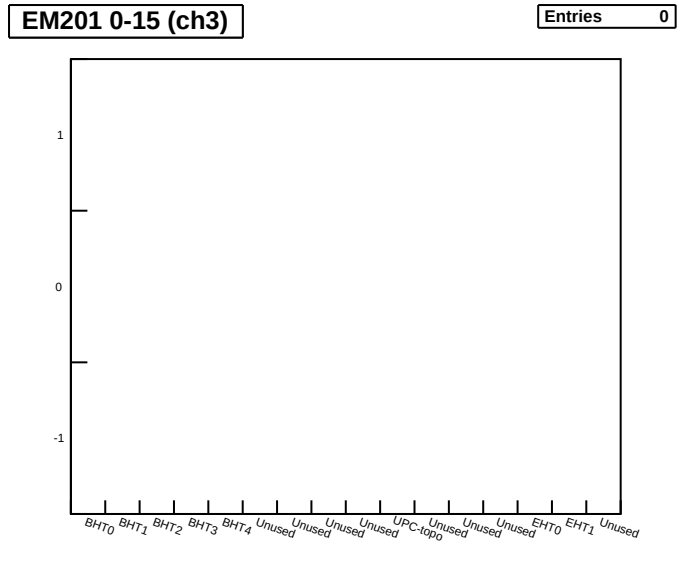

TF201 0-15 (ch0)
Entries 5802672
1
0
362667
358420
327426
314828
240028
302593
303417
299831
362667
362667
362667
362667
362667
4247
35241
47839
122639
362667
60074
59250
62836
362667
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 5802672
1
0
137102
264326
307166
282150
357703
356982
729
9395
9570
175
330253
352125
188312
230066
280476
225565
98341
55501
80517
4964
5685
361938
353272
353097
362492
362667
32384
10542
174355
129601
82191
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 5802672
1
0
362667
362667
362667
362667
362667
362667
362667
362667
362667
362667
362667
362667
362667
362667
362667
362667
362667
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