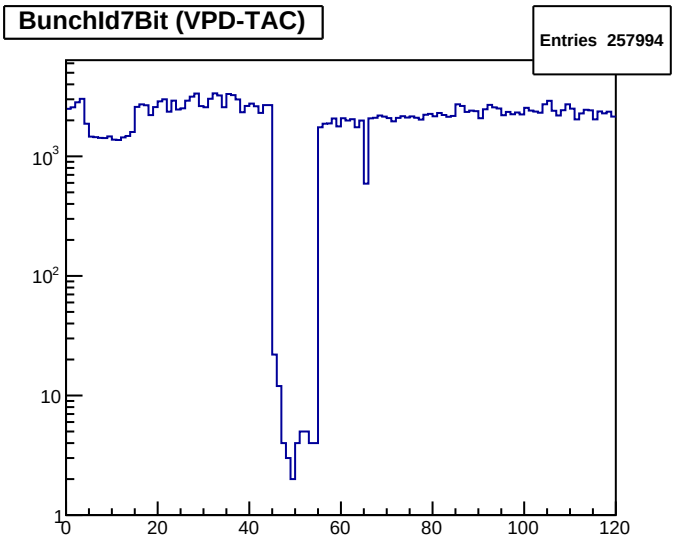
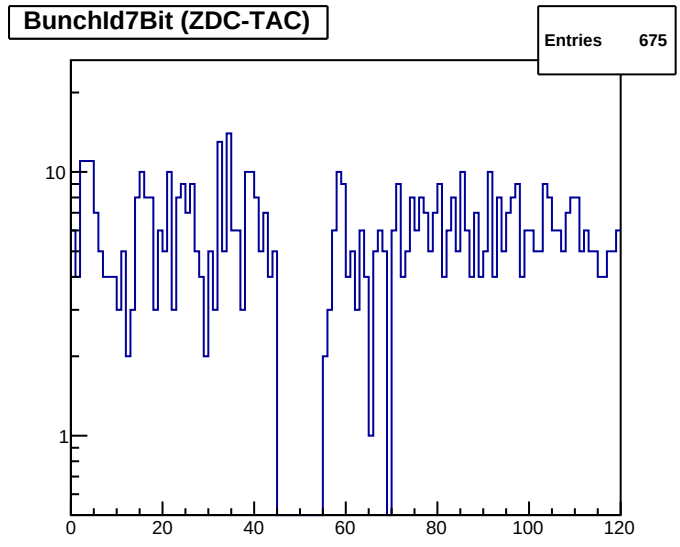
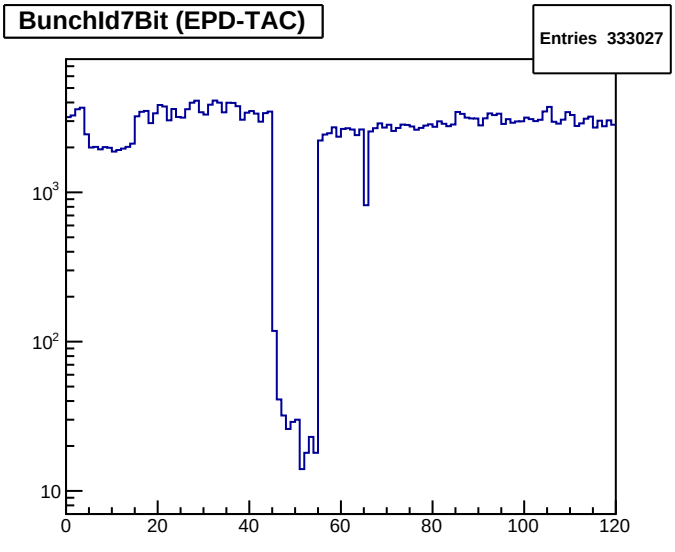
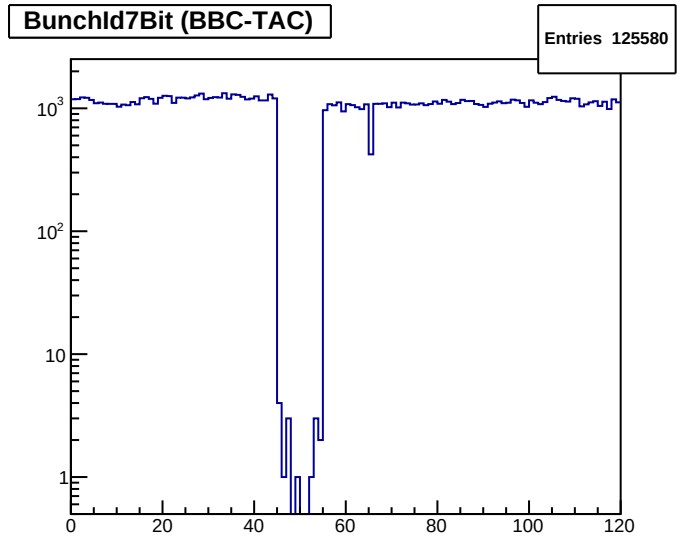
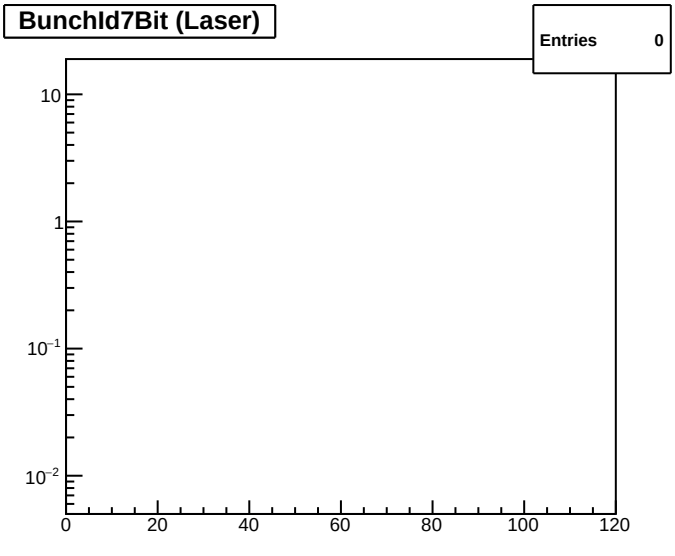
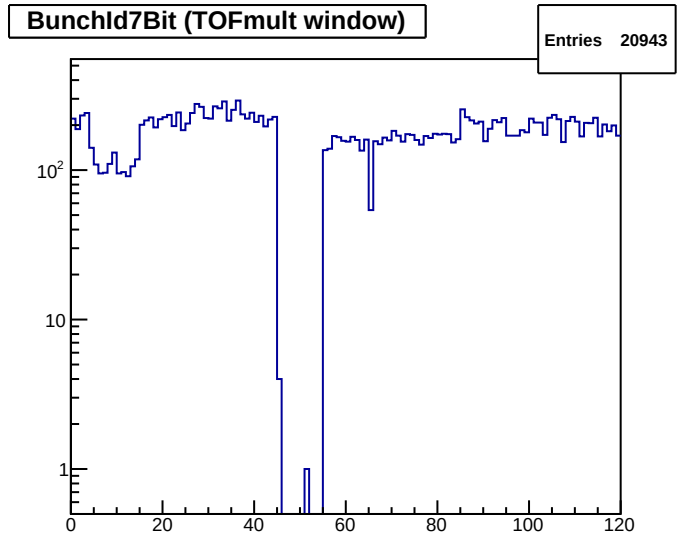

BunchId7Bit (VPD-TAC)
Entries 257994

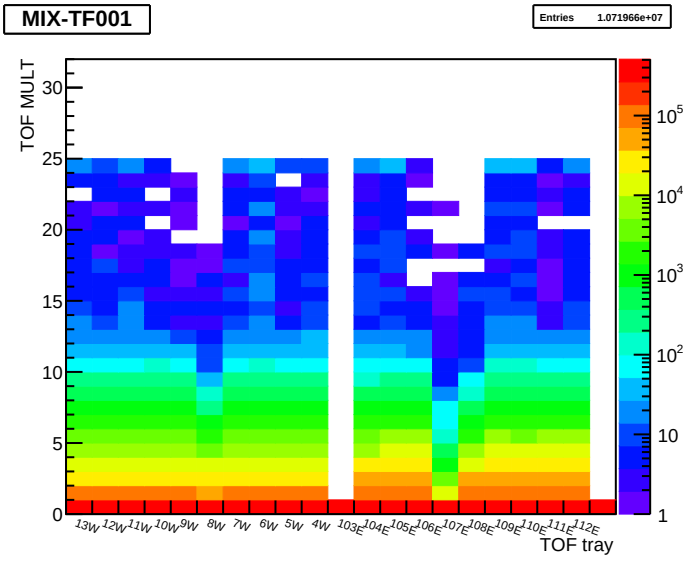

BunchId7Bit (ZDC-TAC)
Entries 675

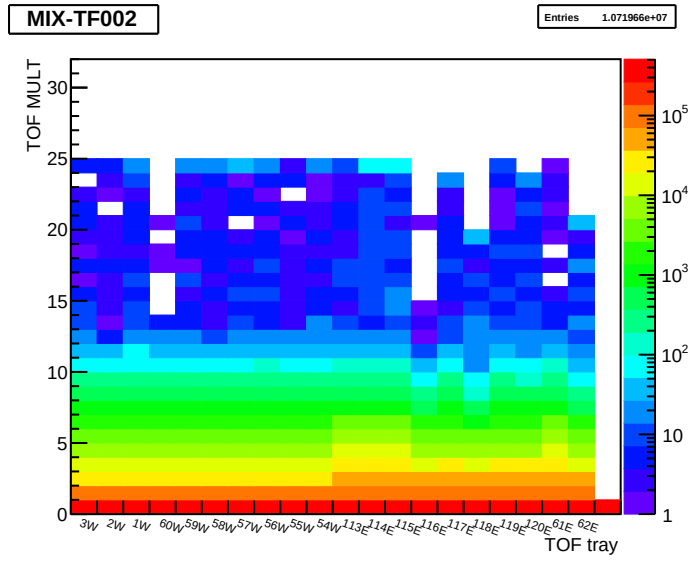

BunchId7Bit (EPD-TAC)
Entries 333027

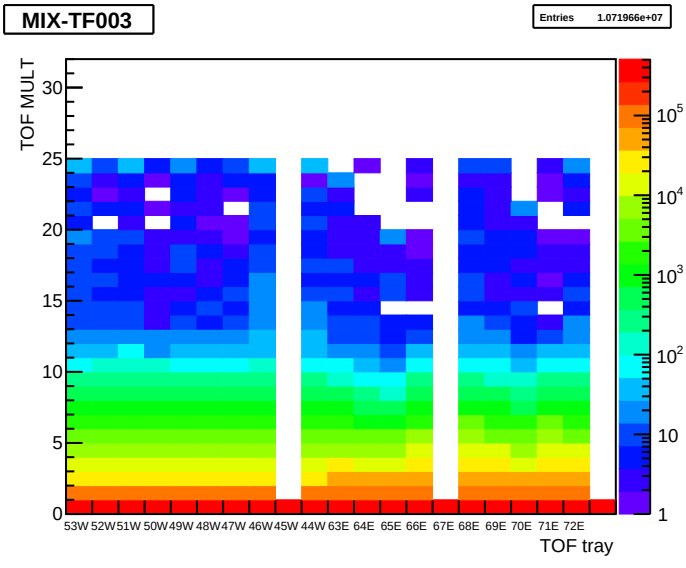

BunchId7Bit (BBC-TAC)
Entries 125580

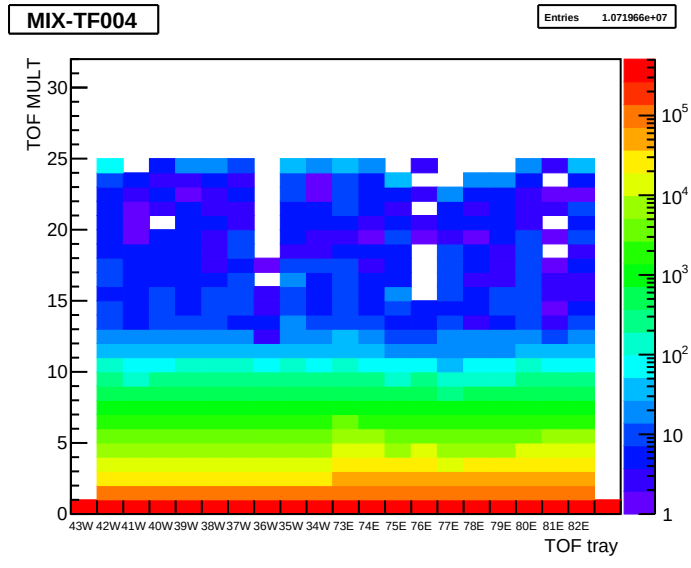

BunchId7Bit (Laser)
Entries 0

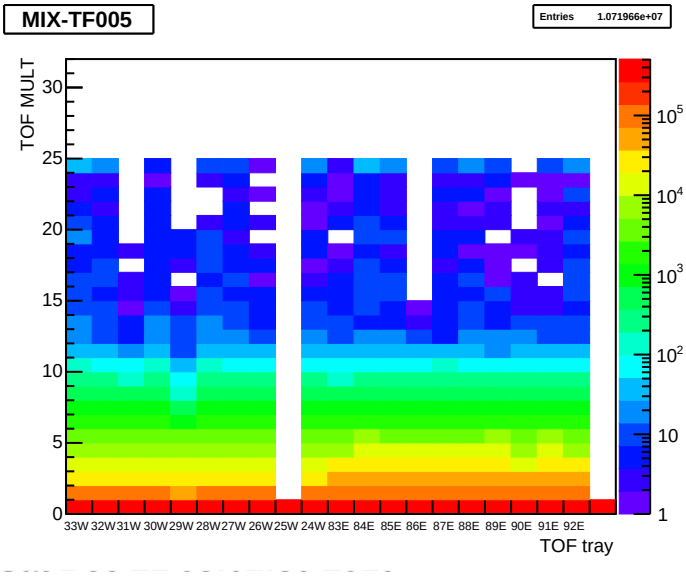

BunchId7Bit (TOFmult window)
Entries 20943

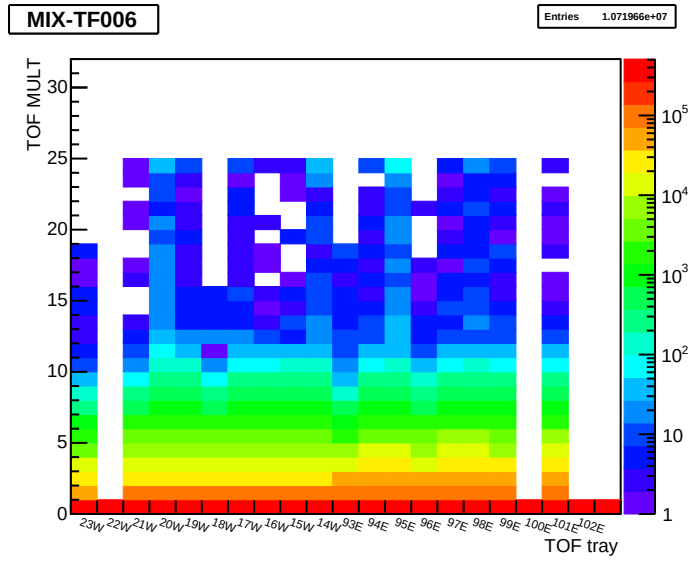

MIX-TF001
Entries 1.071966e+07
TOF MULT
TOF tray

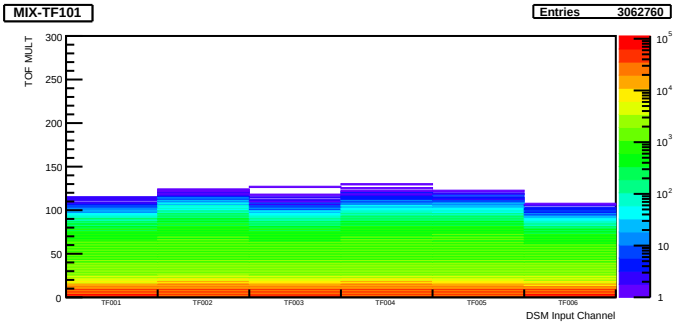

MIX-TF002
Entries 1.071966e+07
TOF MULT
TOF tray

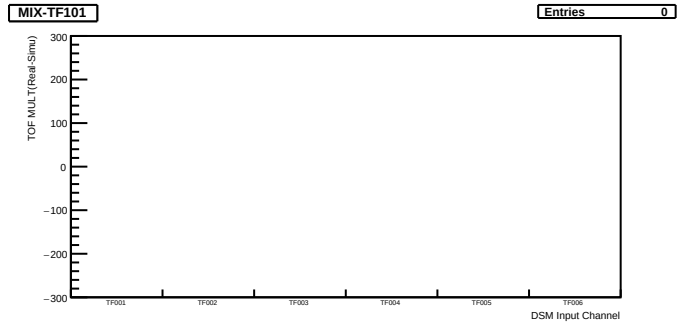

MIX-TF003
Entries 1.071966e+07
TOF MULT
TOF tray

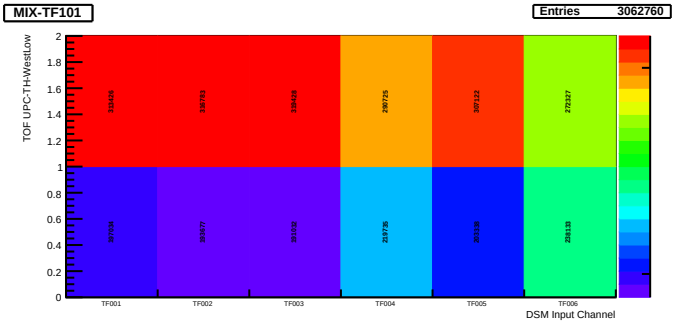

MIX-TF004
Entries 1.071966e+07
TOF MULT
TOF tray

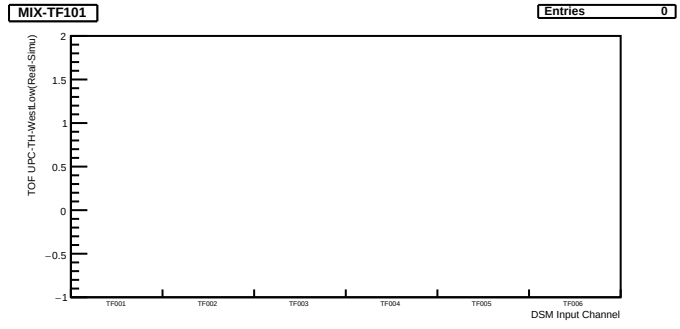

MIX-TF005
Entries 1.071966e+07
TOF MULT
TOF tray

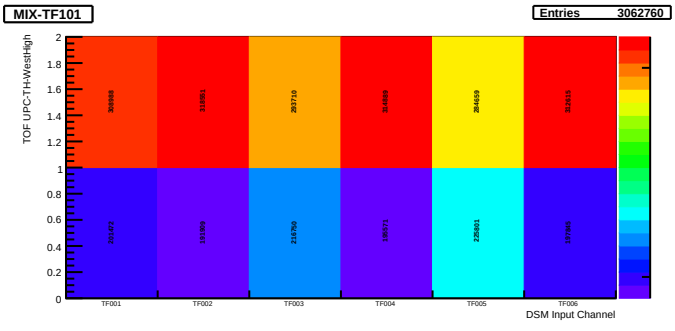

MIX-TF006
Entries 1.071966e+07
TOF MULT
TOF tray

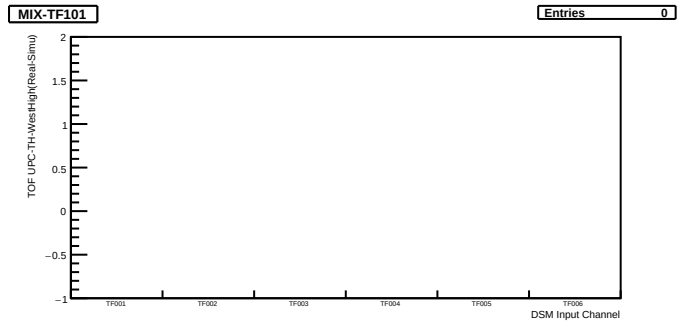

MIX-TF101
Entries 3062760
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

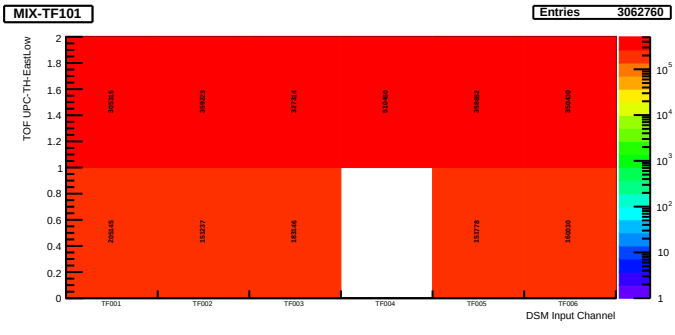

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

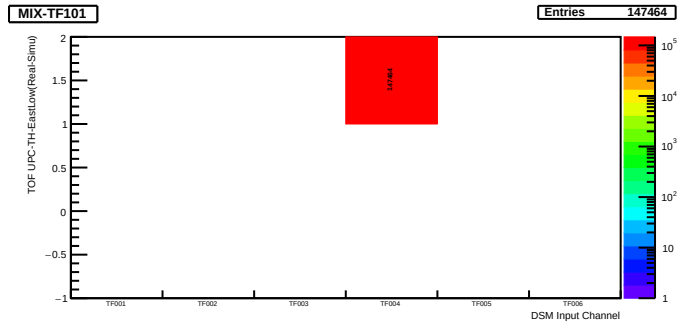

MIX-TF101
Entries 3062760
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

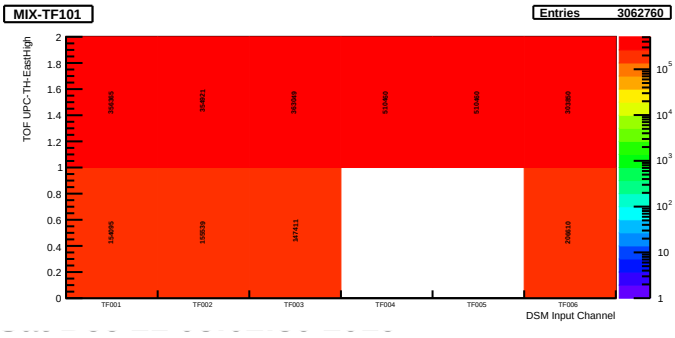

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

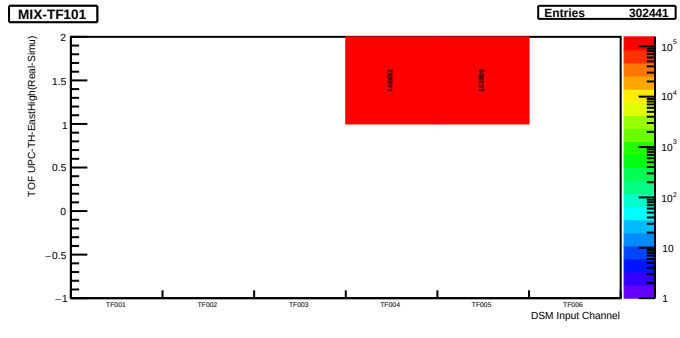

MIX-TF101
Entries 3062760
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

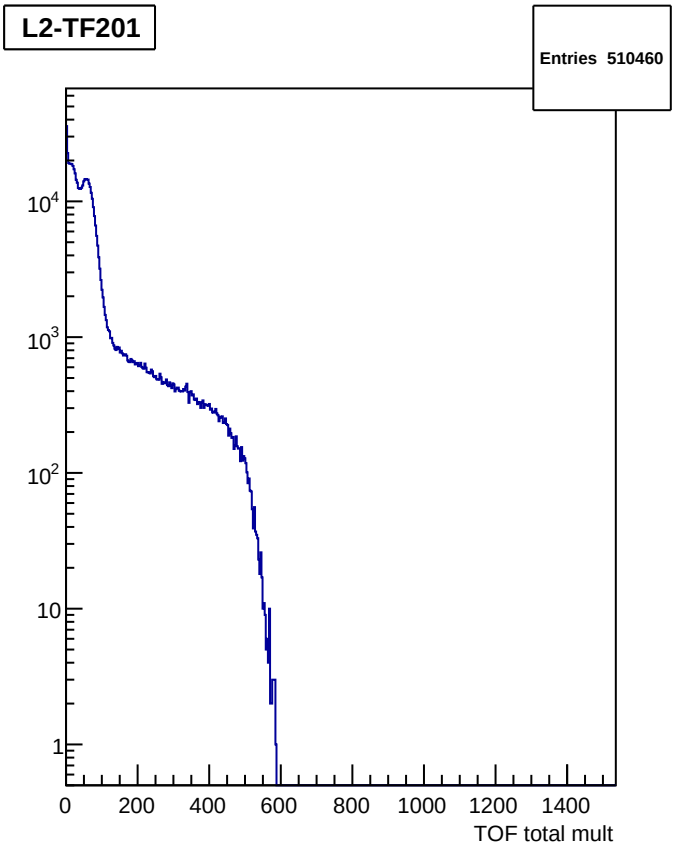

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

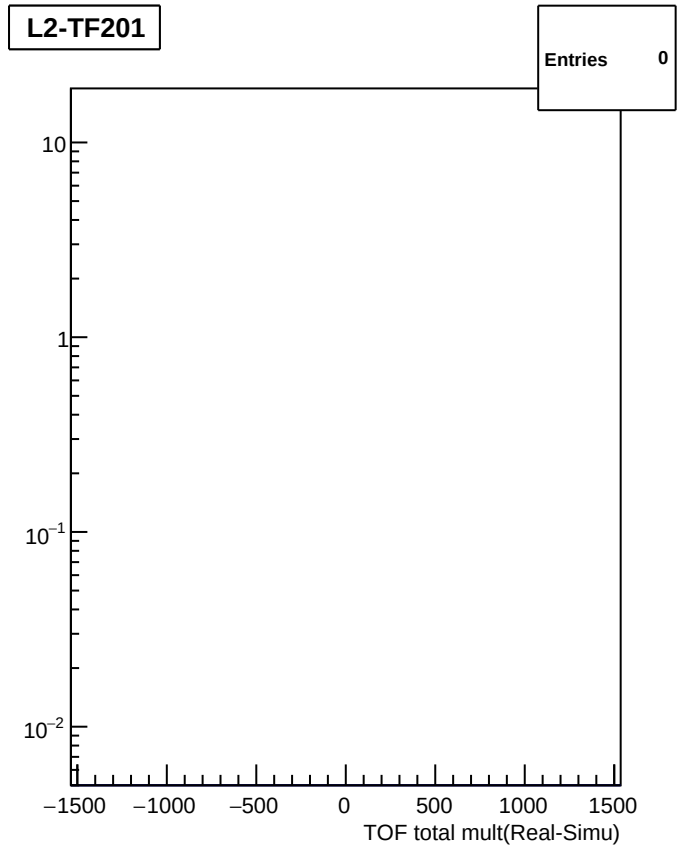

MIX-TF101
Entries 3062760
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

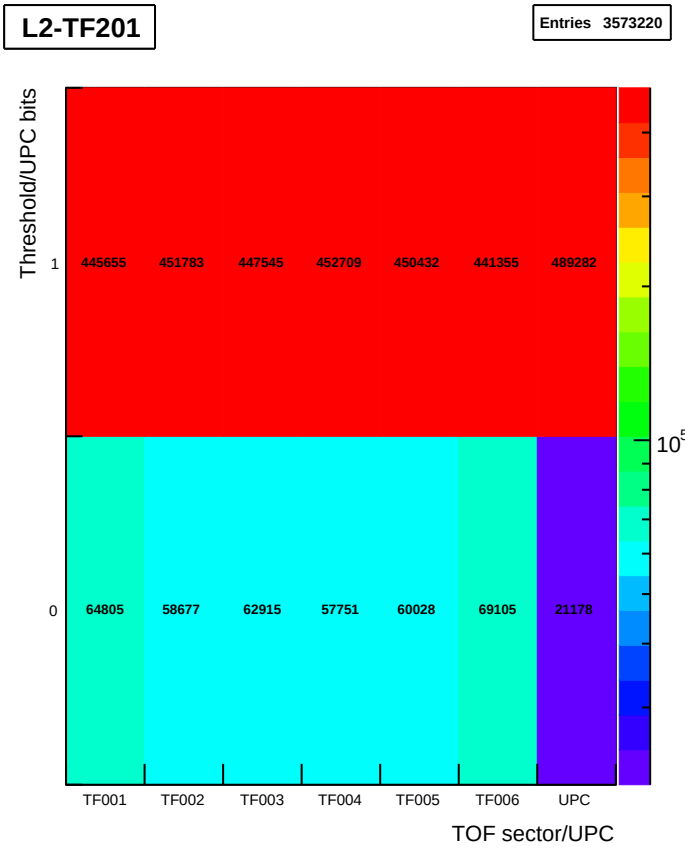

MIX-TF101
Entries 147464
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

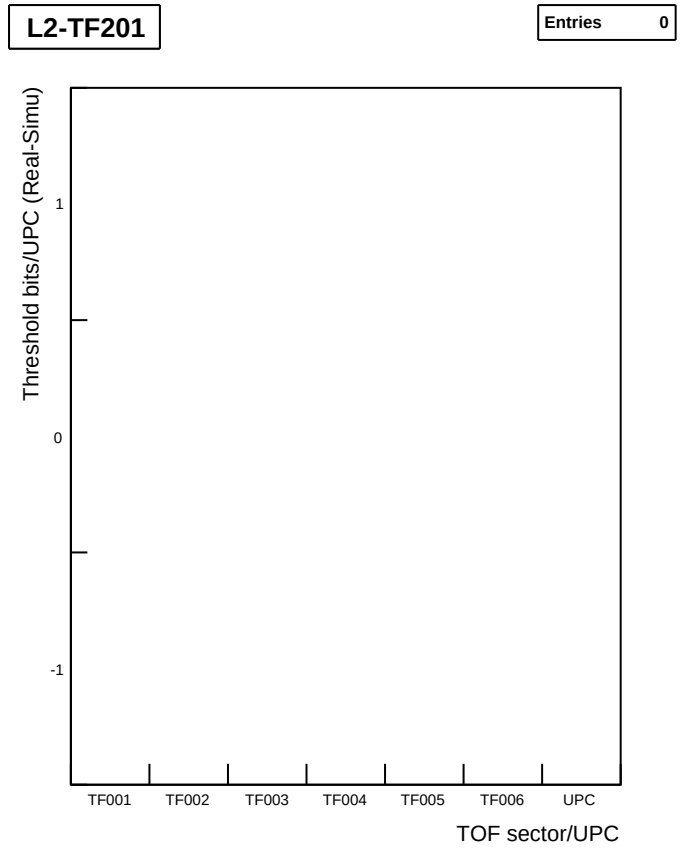

MIX-TF101
Entries 3062760
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

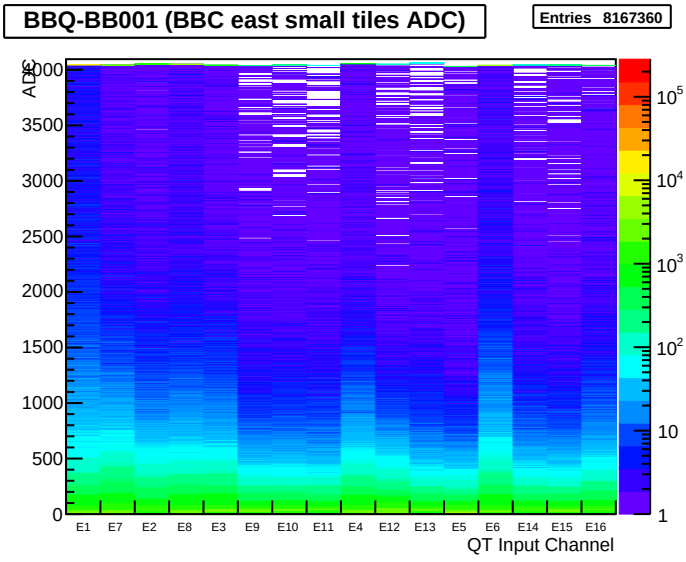

MIX-TF101
Entries 302441
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

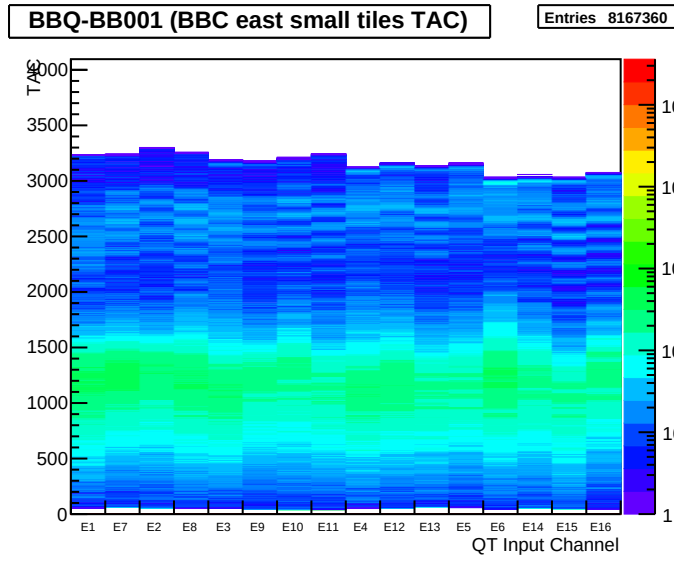

L2-TF201
Entries 510460
TOF total mult

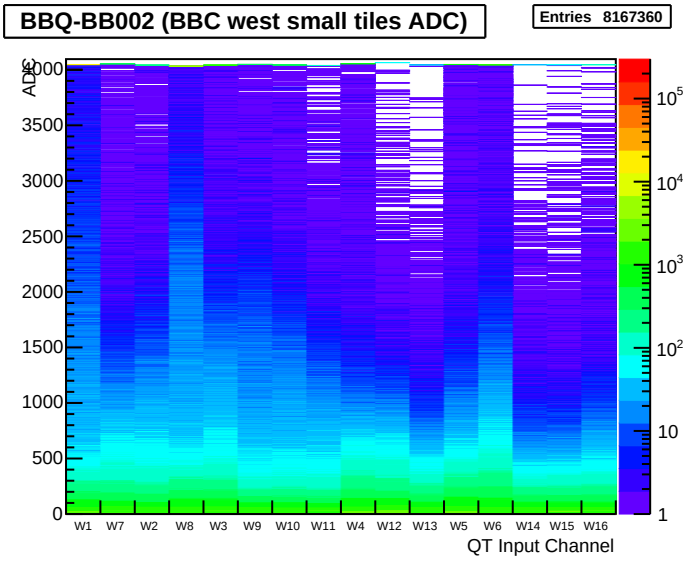

L2-TF201
Entries 0
TOF total mult(Real-Simu)

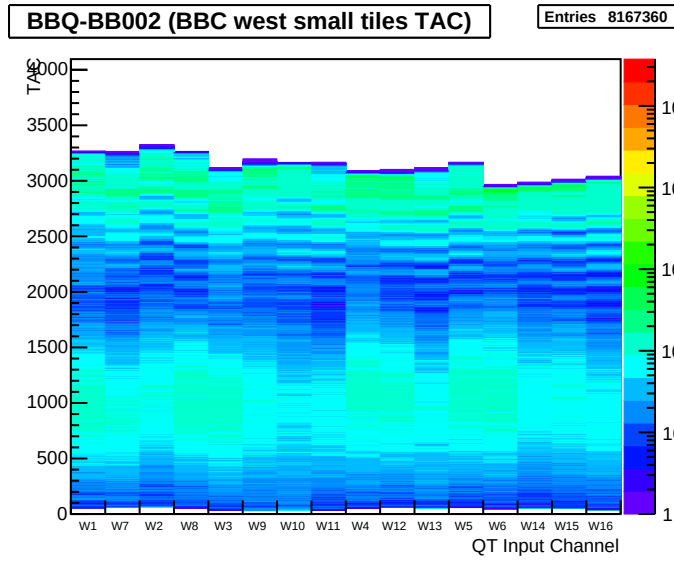

L2-TF201
Entries 3573220
Threshold/UPC bits
445655
451783
447545
452709
450432
441355
489282
64805
58677
62915
57751
60028
69105
21178
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

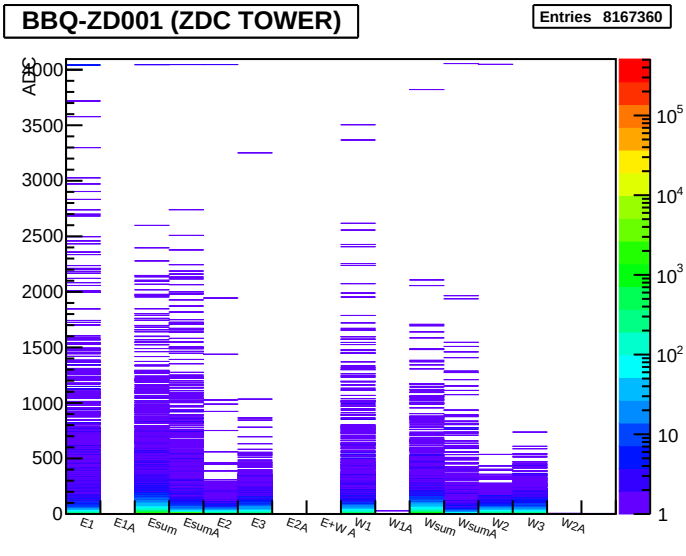

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

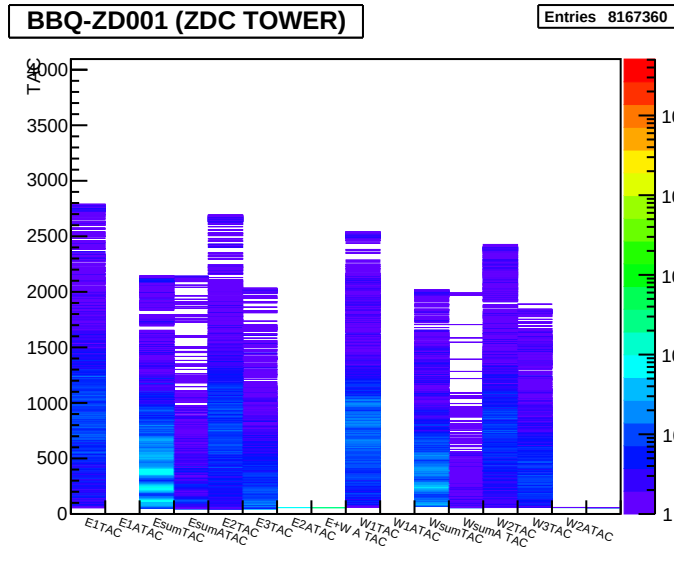

BBQ-BB001 (BBC east small tiles ADC)
Entries 8167360
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

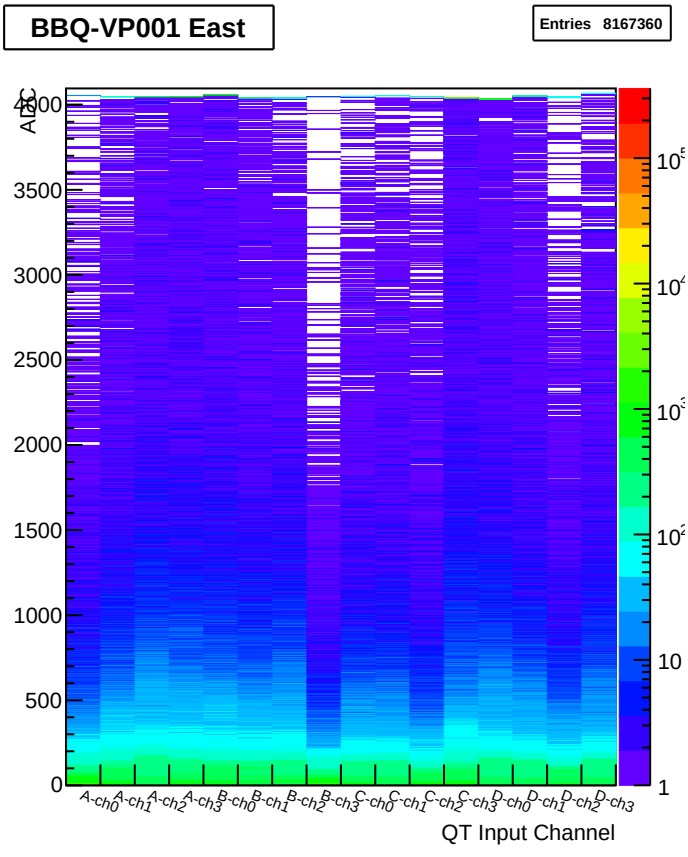

BBQ-BB001 (BBC east small tiles TAC)
Entries 8167360
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

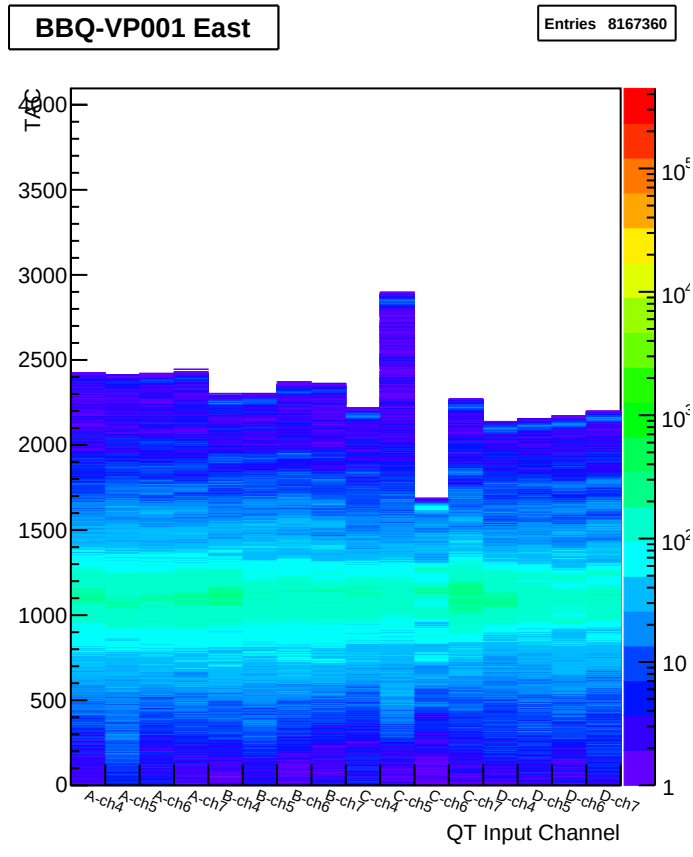

BBQ-BB002 (BBC west small tiles ADC)
Entries 8167360
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

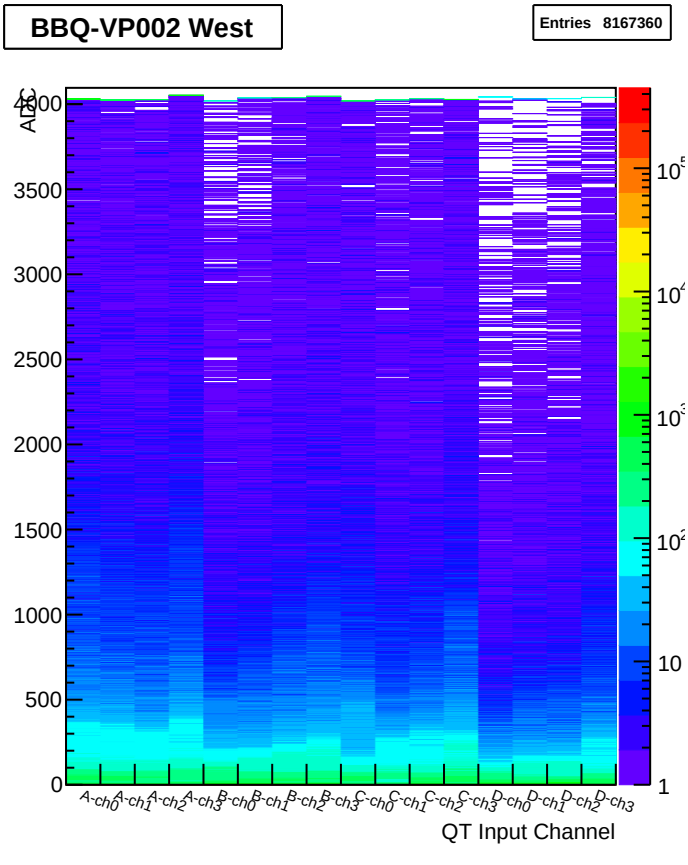

BBQ-BB002 (BBC west small tiles TAC)
Entries 8167360
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

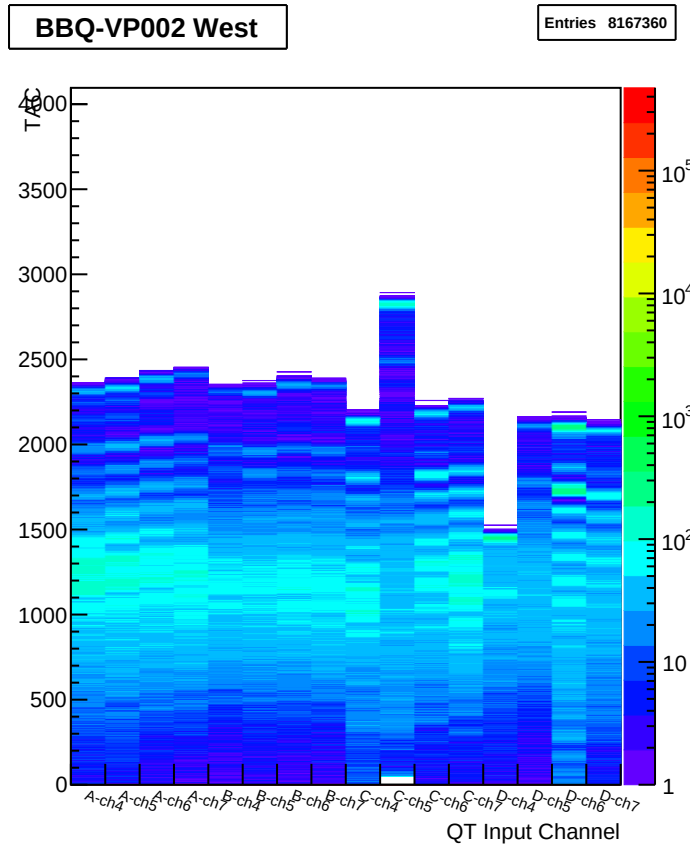

BBQ-ZD001 (ZDC TOWER)
Entries 8167360
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

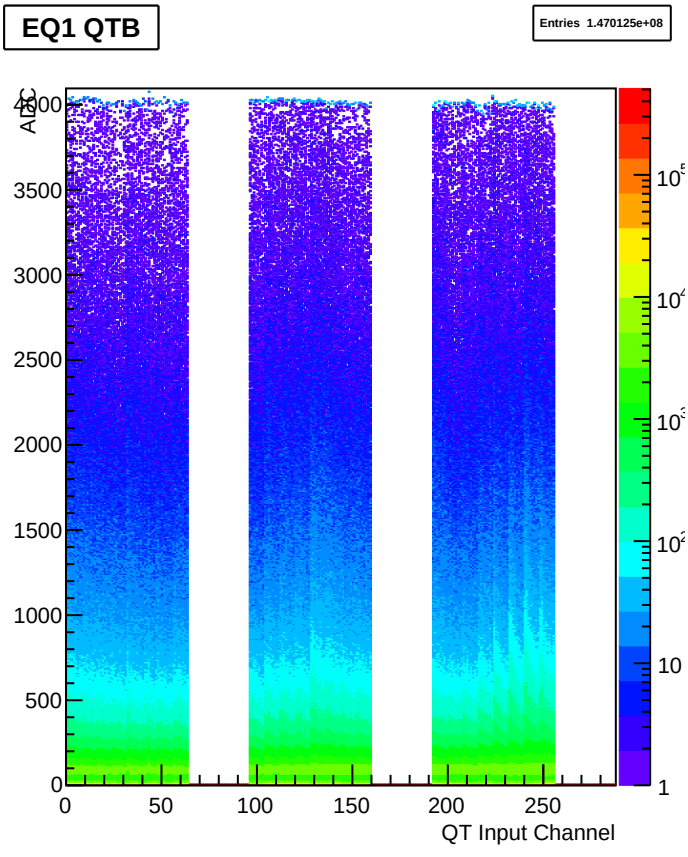

BBQ-ZD001 (ZDC TOWER)
Entries 8167360
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

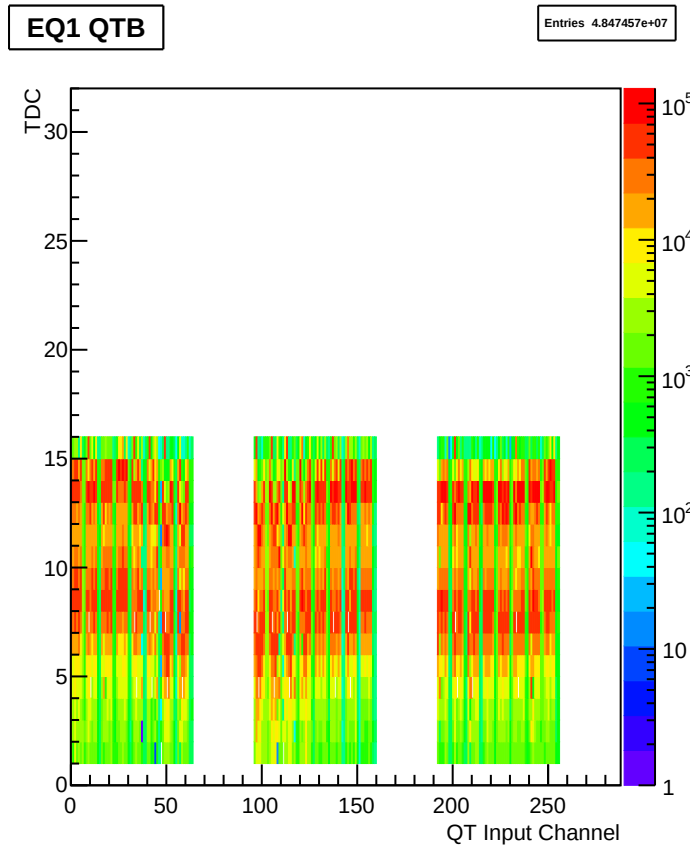

BBQ-VP001 East
Entries 8167360
ADC
QT Input Channel

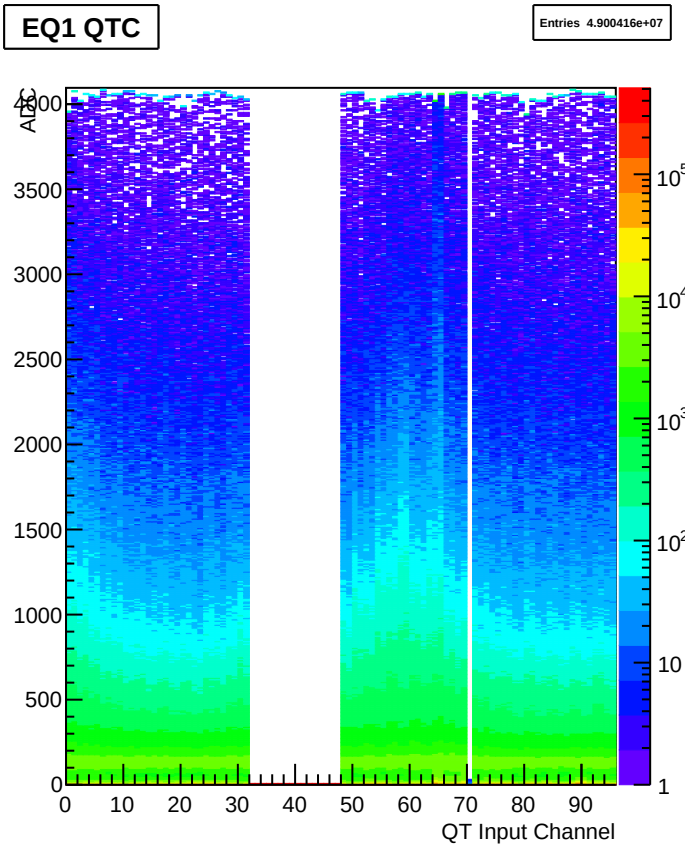

BBQ-VP001 East
Entries 8167360
TADC
QT Input Channel

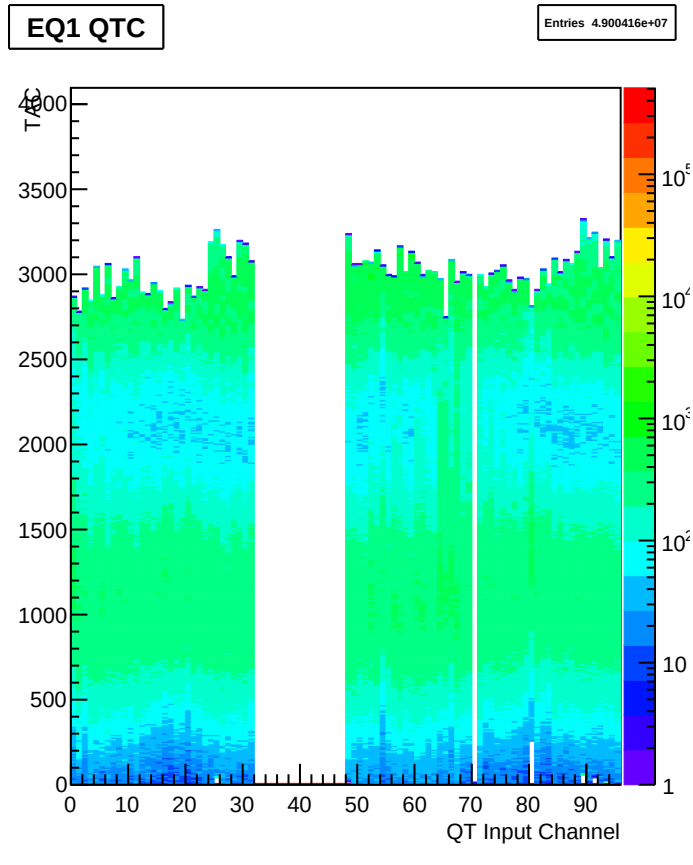

BBQ-VP002 West
Entries 8167360
ADC
QT Input Channel

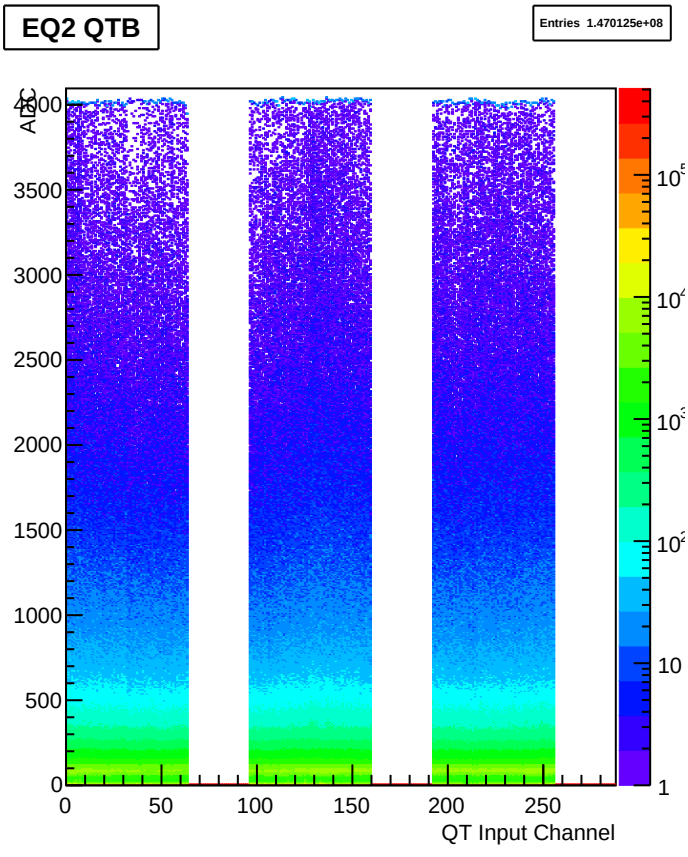

BBQ-VP002 West
Entries 8167360
TADC
QT Input Channel

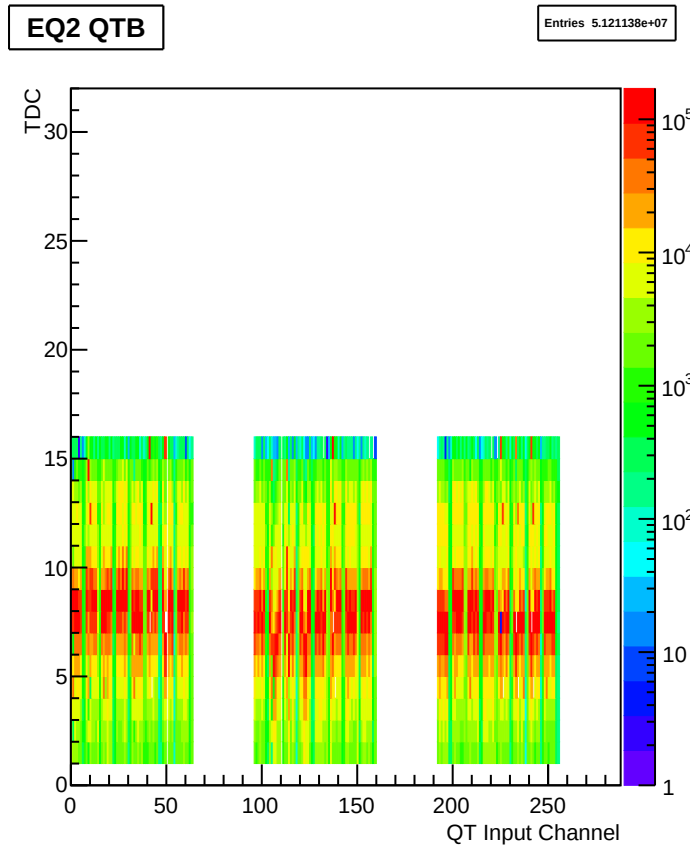

EQ1 QTB
Entries 1.470125e+08
ADC
QT Input Channel

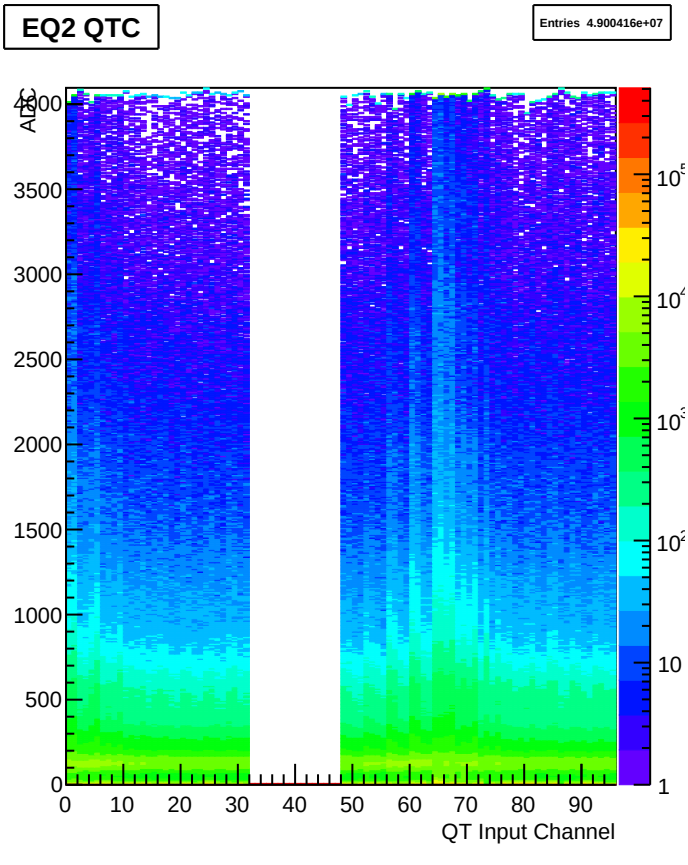

EQ1 QTB
Entries 4.847457e+07
TDC
QT Input Channel

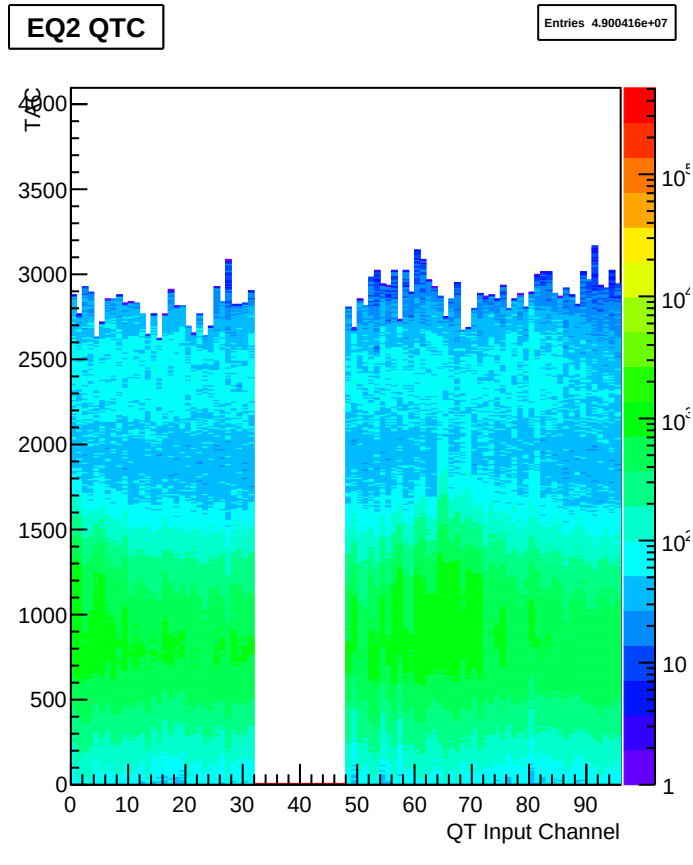

EQ1 QTC
Entries 4.900416e+07
ADC
QT Input Channel

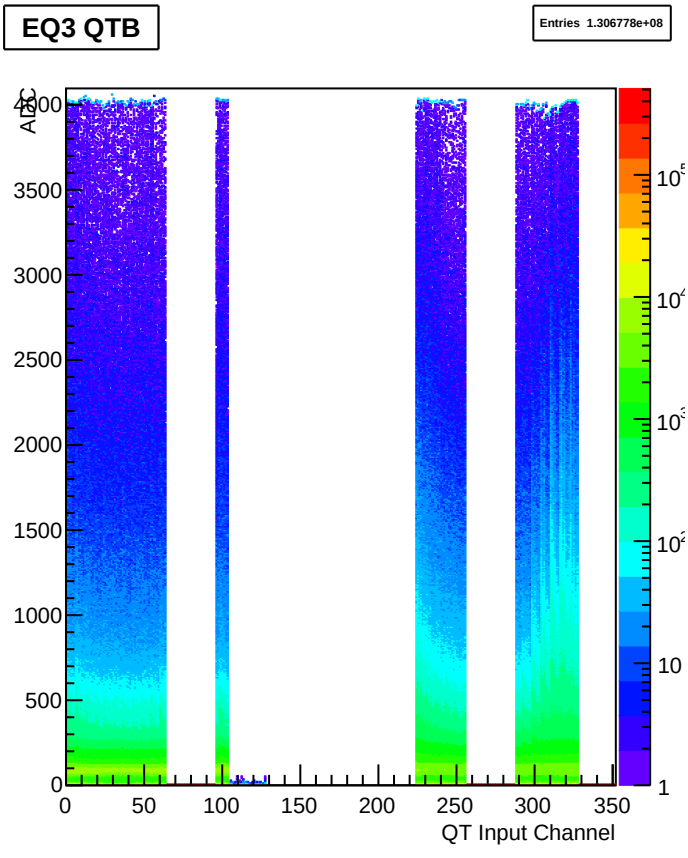

EQ1 QTC
Entries 4.900416e+07
TADC
QT Input Channel

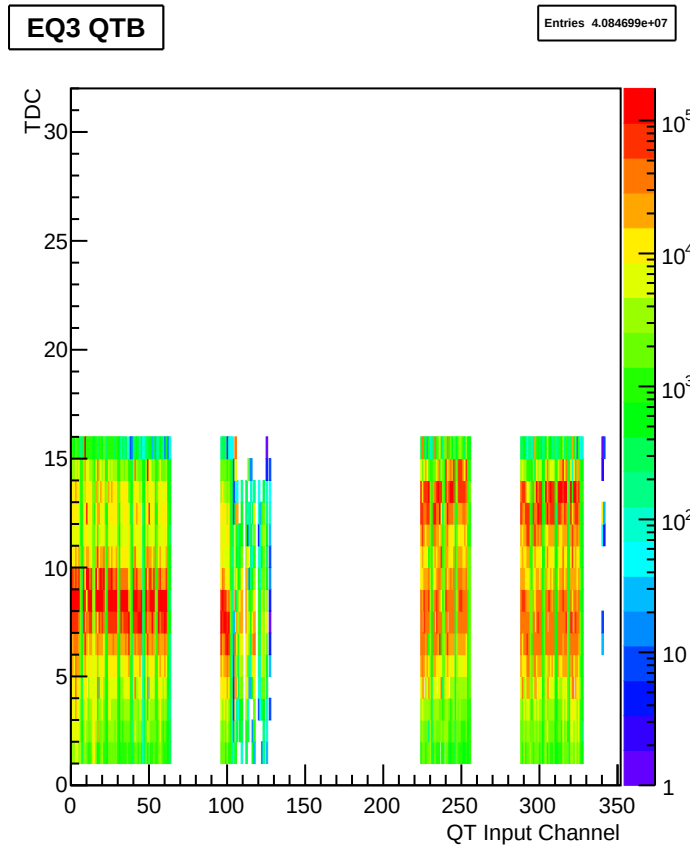

EQ2 QTB
Entries 1.470125e+08
ADC
QT Input Channel

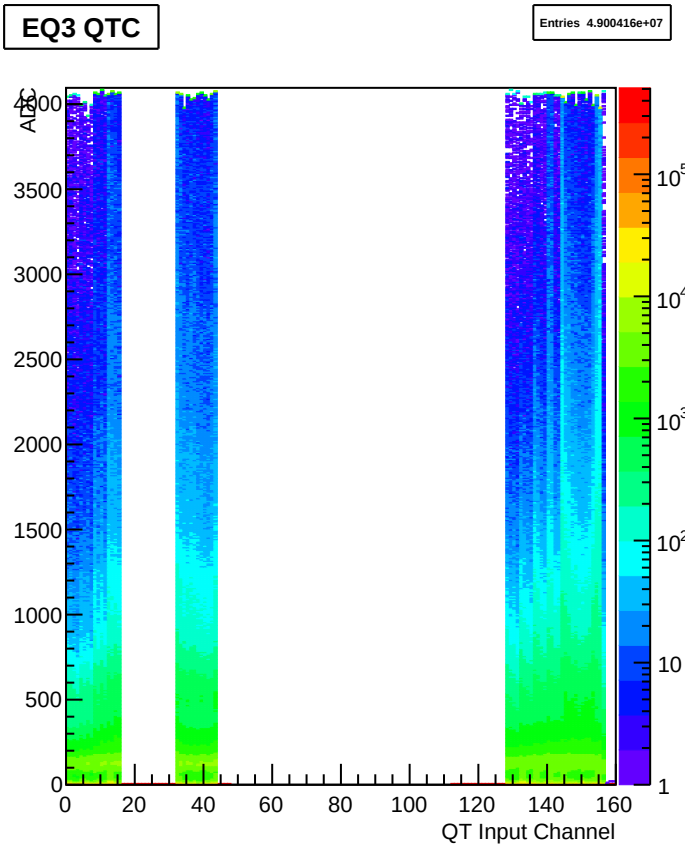

EQ2 QTB
Entries 5.121138e+07
TDC
QT Input Channel

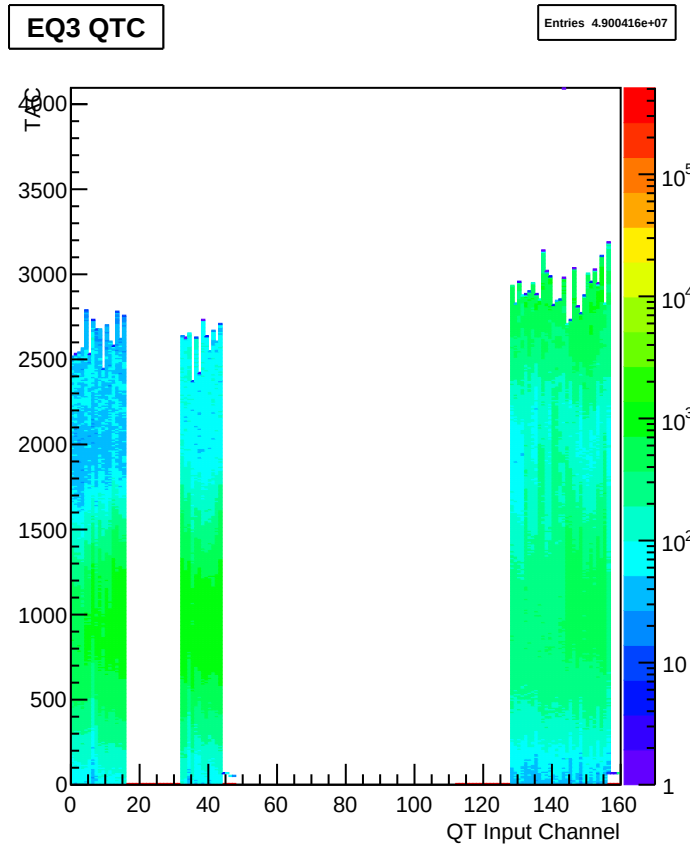

EQ2 QTC
Entries 4.900416e+07
ADC
QT Input Channel

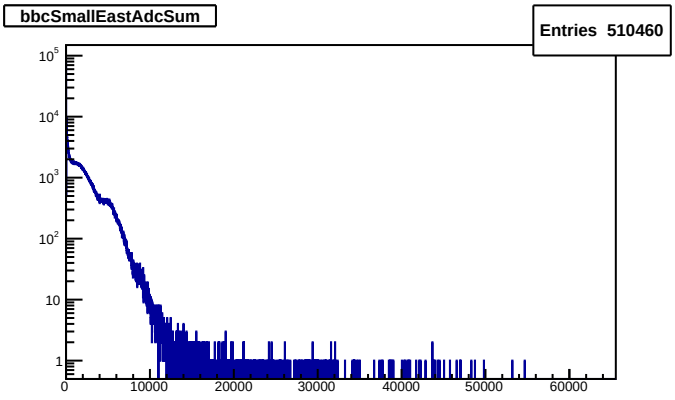

EQ2 QTC
Entries 4.900416e+07
TADC
QT Input Channel

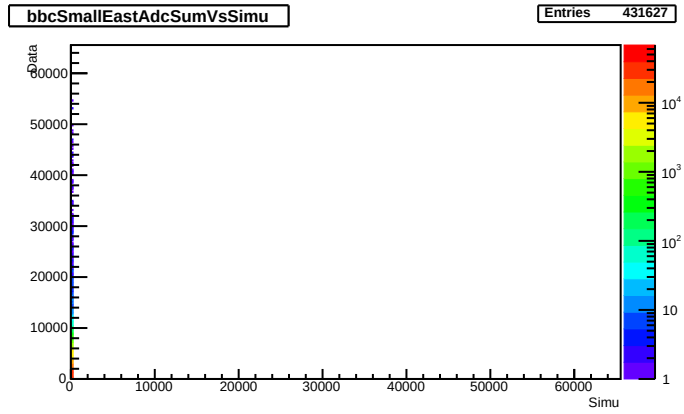

EQ3 QTB
Entries 1.306778e+08
ADC
QT Input Channel

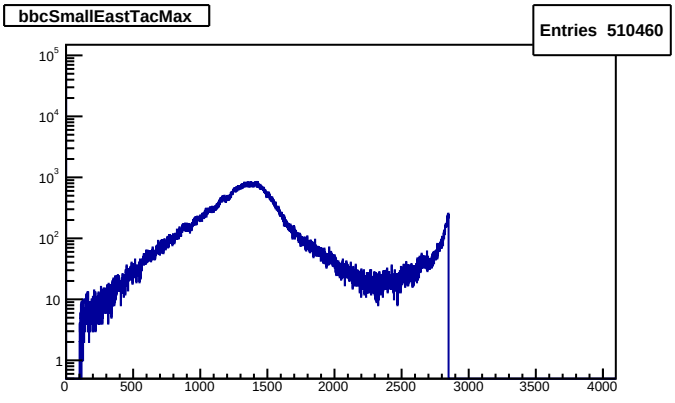

EQ3 QTB
Entries 4.084699e+07
TDC
QT Input Channel

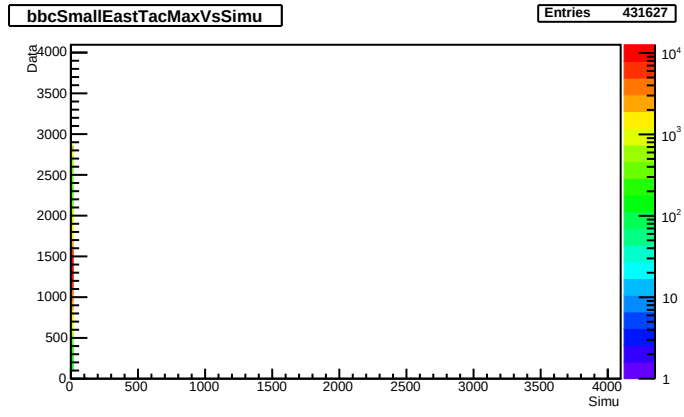

EQ3 QTC
Entries 4.900416e+07
ADC
QT Input Channel

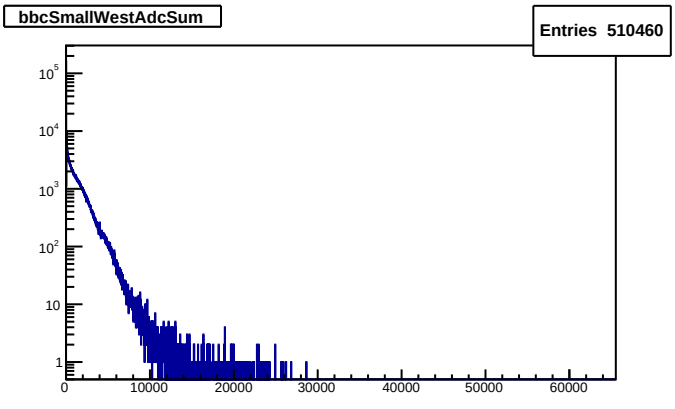

EQ3 QTC
Entries 4.900416e+07
TADC
QT Input Channel

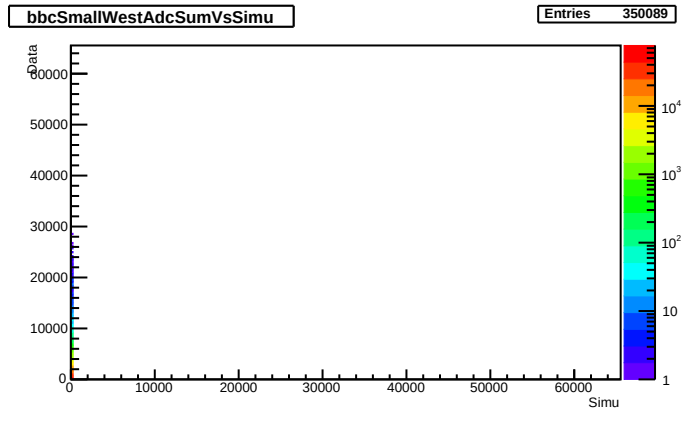

bbcSmallEastAdcSum
Entries 510460

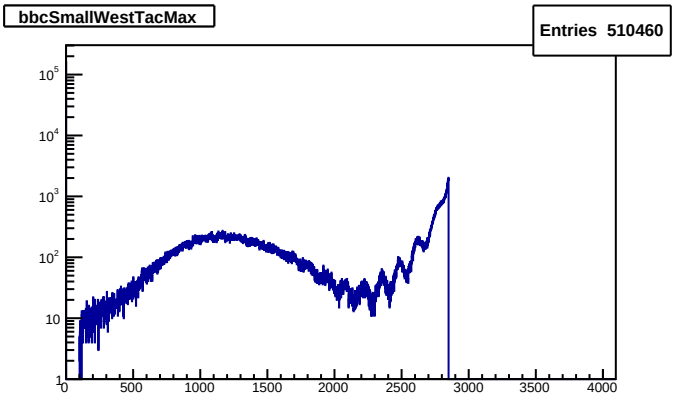

bbcSmallEastAdcSumVsSimu
Entries 431627
Data
Simu

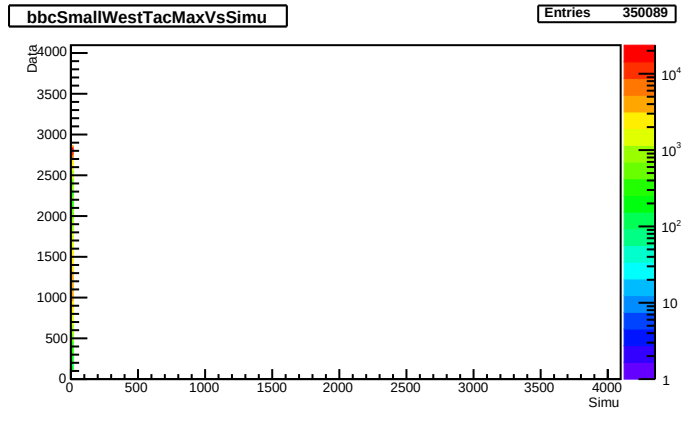

bbcSmallEastTacMax
Entries 510460

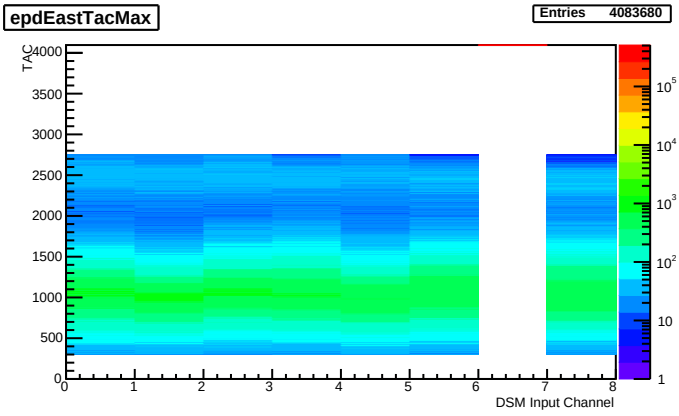

bbcSmallEastTacMaxVsSimu
Entries 431627
Data
Simu

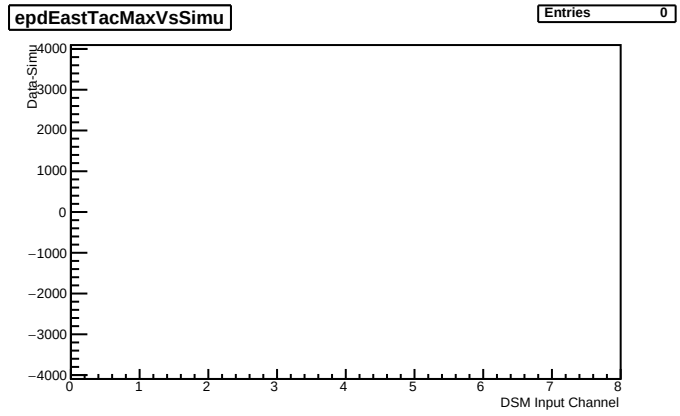

bbcSmallWestAdcSum
Entries 510460

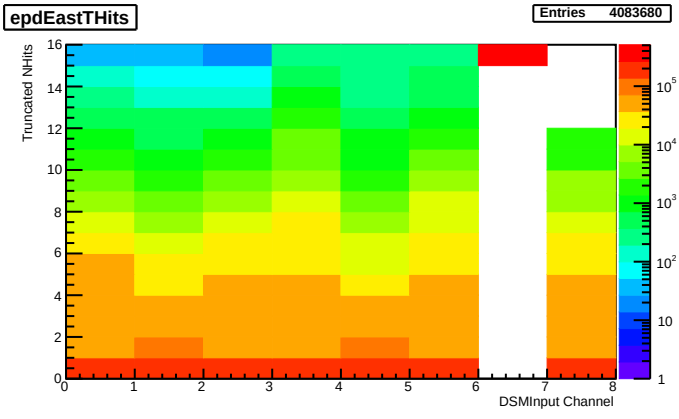

bbcSmallWestAdcSumVsSimu
Entries 350089
Data
Simu

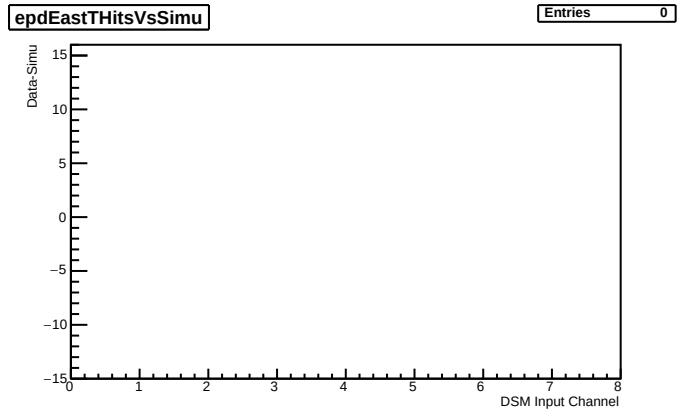

bbcSmallWestTacMax
Entries 510460


bbcSmallWestTacMaxVsSimu
Entries 350089
Data
Simu


epdEastTacMax
Entries 4083680
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4083680
Truncated NHits
DSMInput Channel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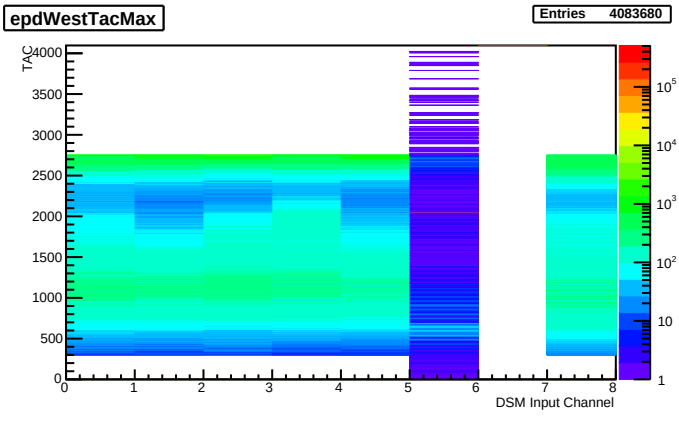
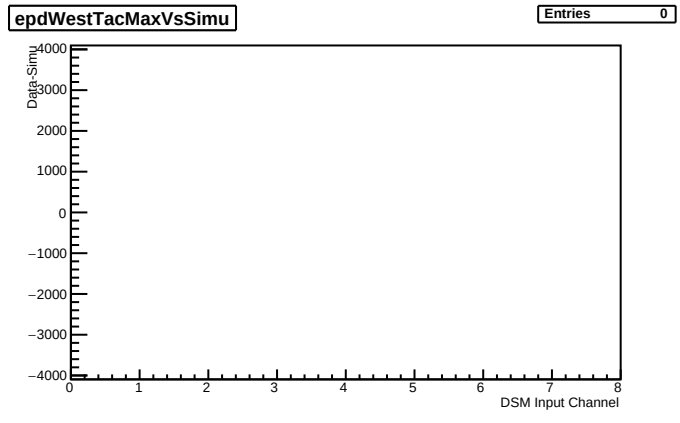
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4083680
TAC
DSM Input Channel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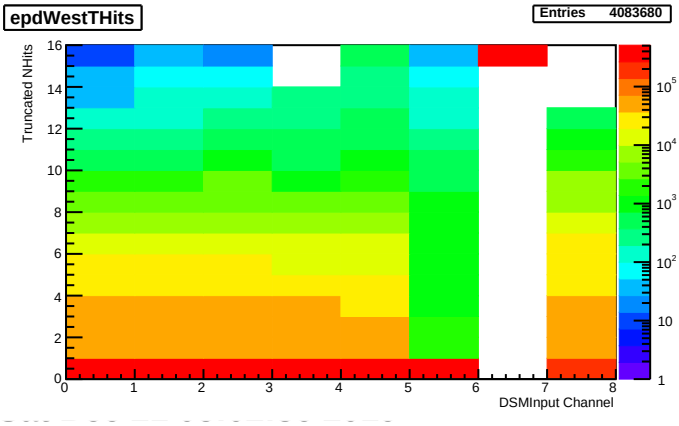
Entries 0
Data-Simu
DSM Input Channel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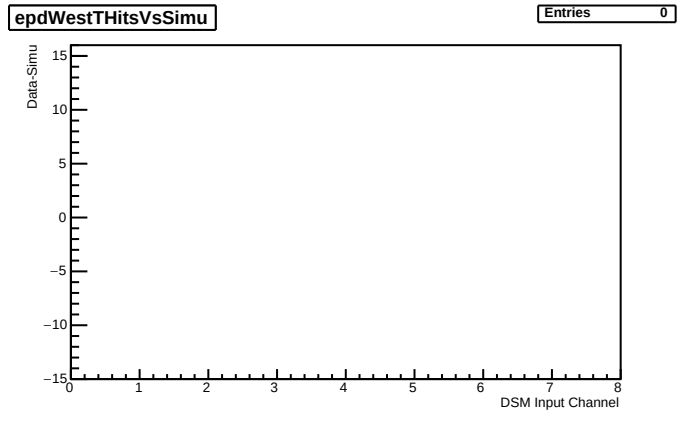
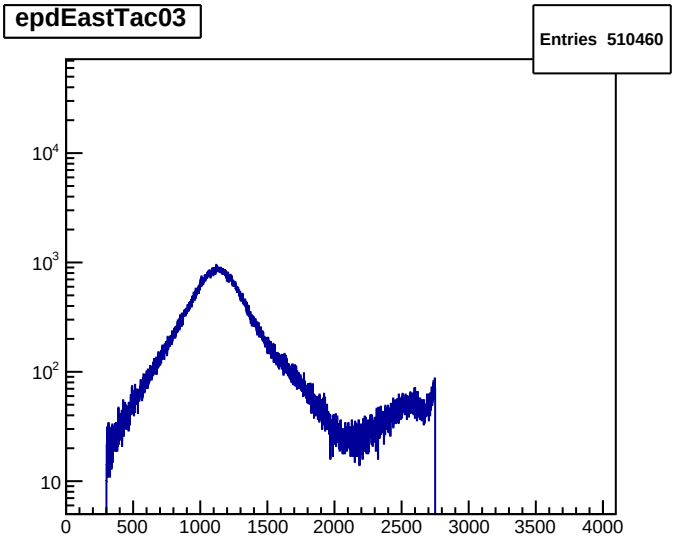
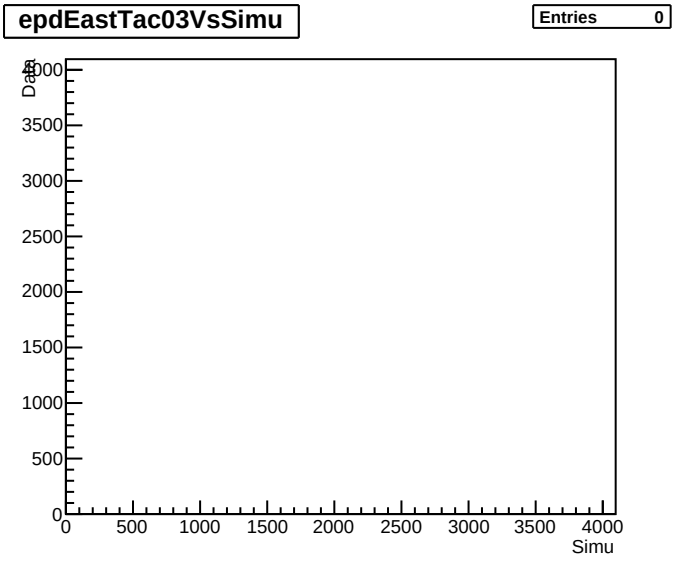
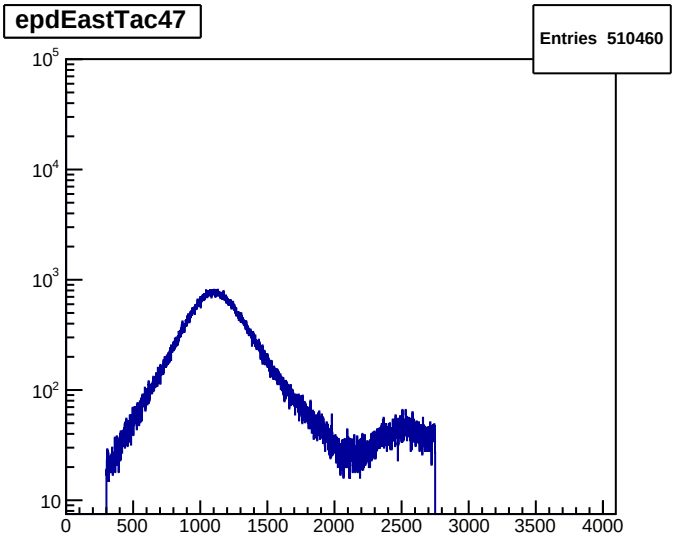
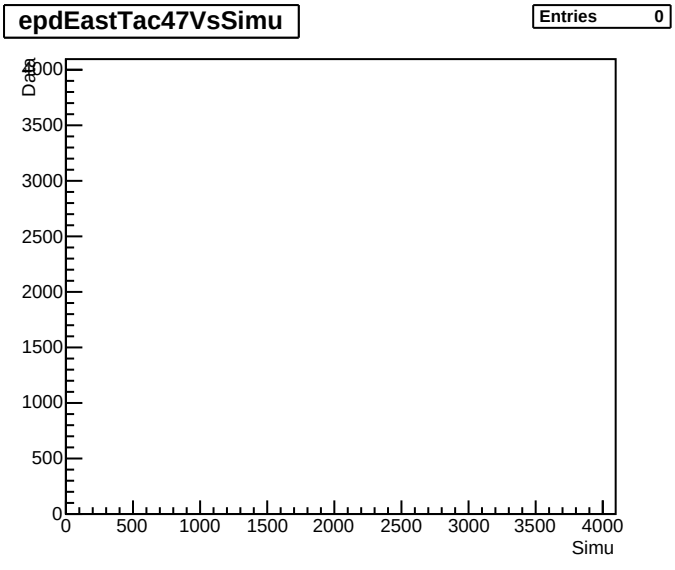
Entries 4083680
Truncated NHits
DSMInput Channel

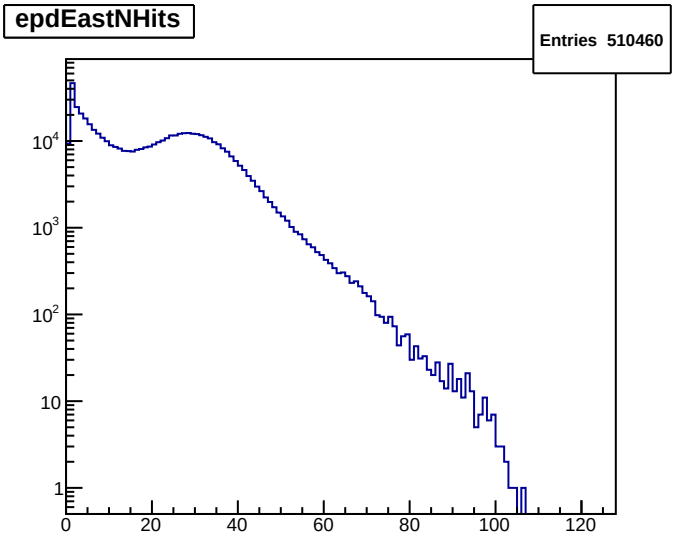

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

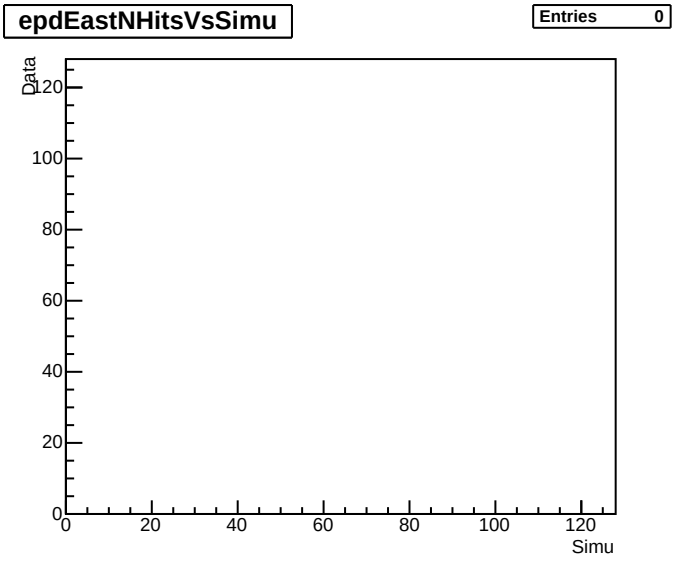

epdEastTac03
Entries 510460


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 510460


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 510460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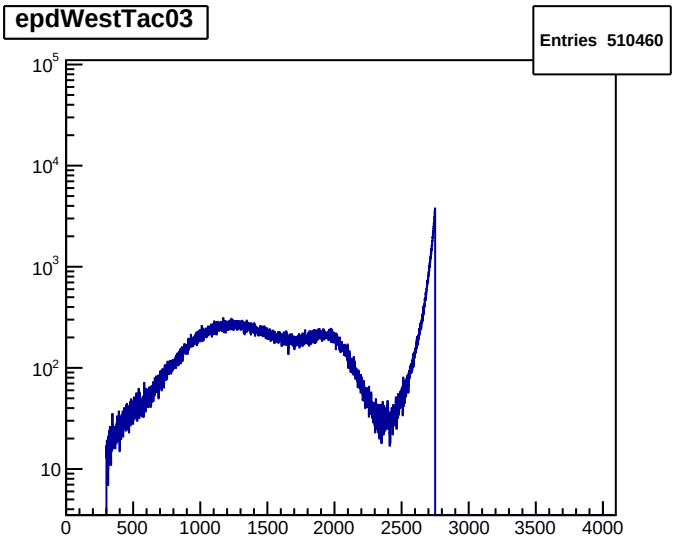
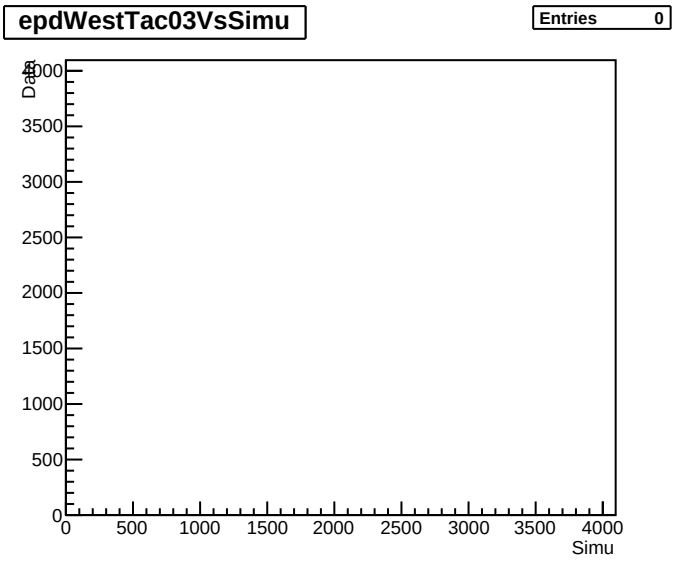
Entries 0
Data
Simu


epdWestTac03
Entries 510460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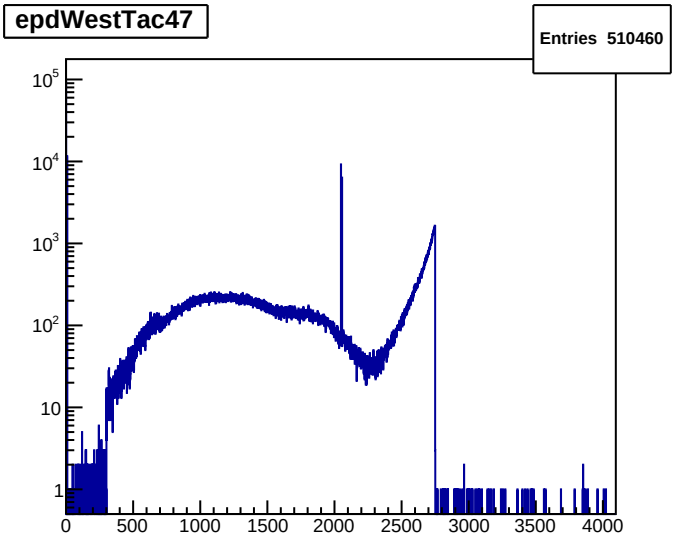
Entries 0
Data
Simu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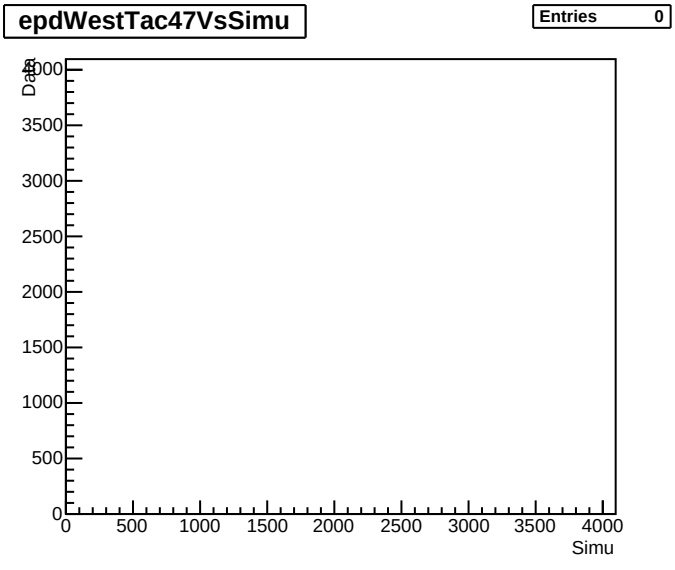
Entries 510460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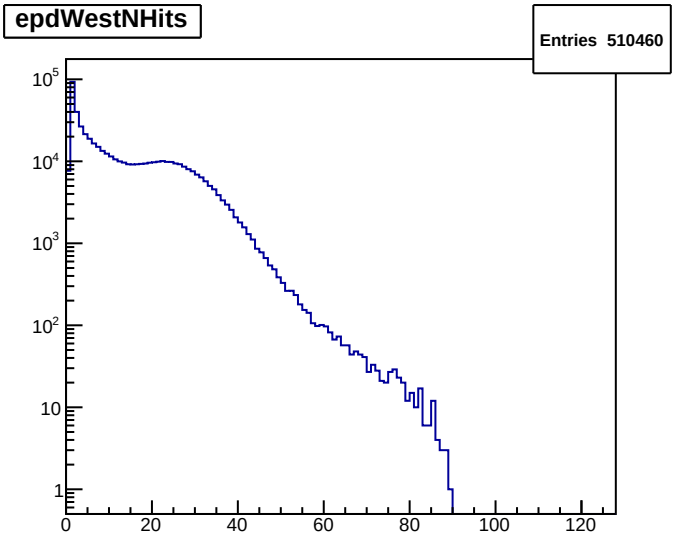
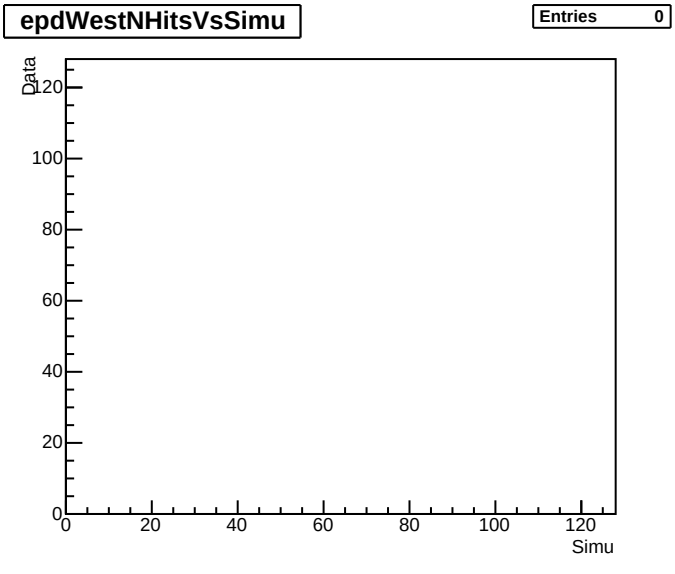
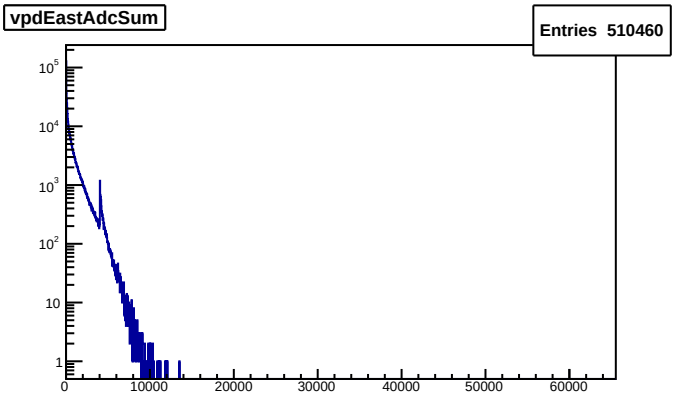
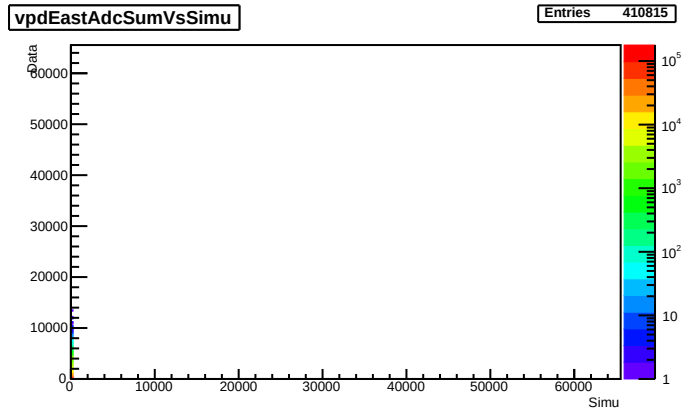
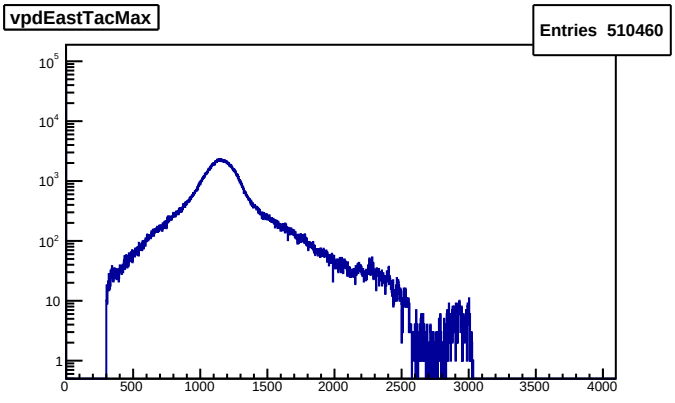
Entries 0
Data
Simu

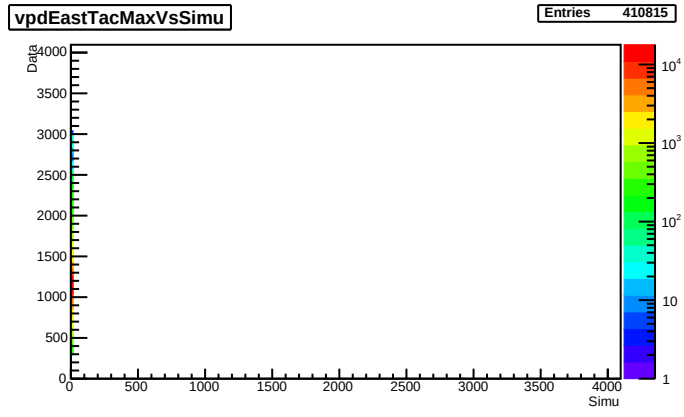

epdWestNHits
Entries 510460

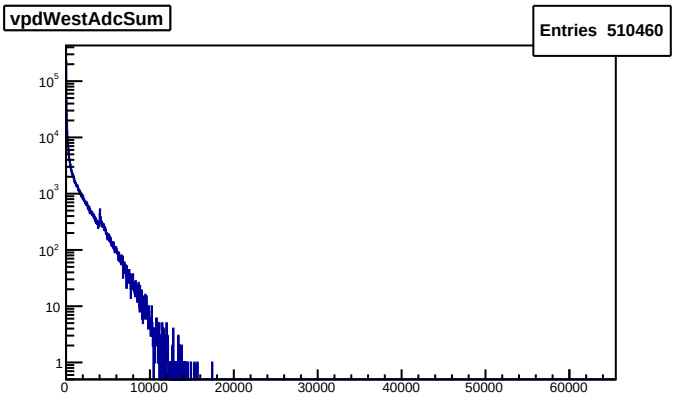

epdWestNHitsVsSimu
Entries 0
Data
Simu

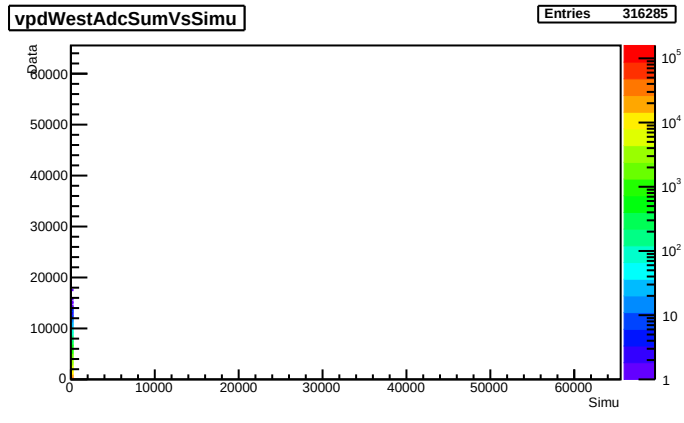

vpdEastAdcSum
Entries 510460

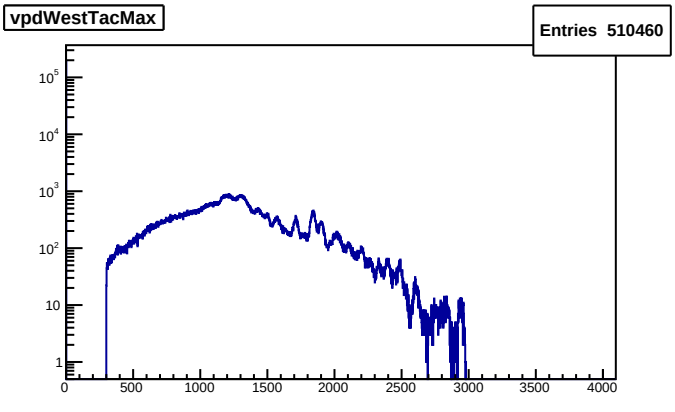

vpdEastAdcSumVsSimu
Entries 410815
Data
Simu

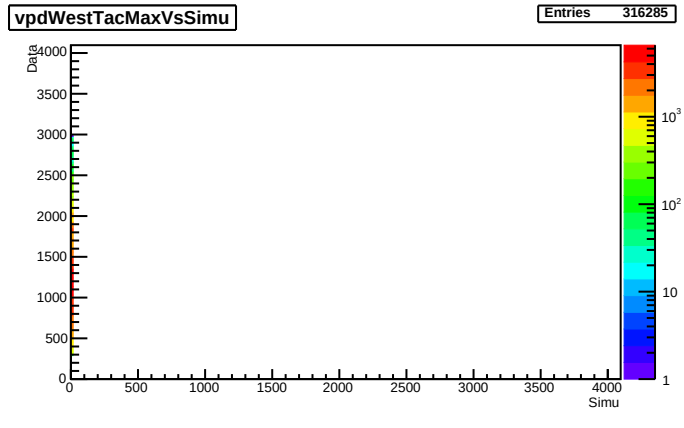

vpdEastTacMax
Entries 510460

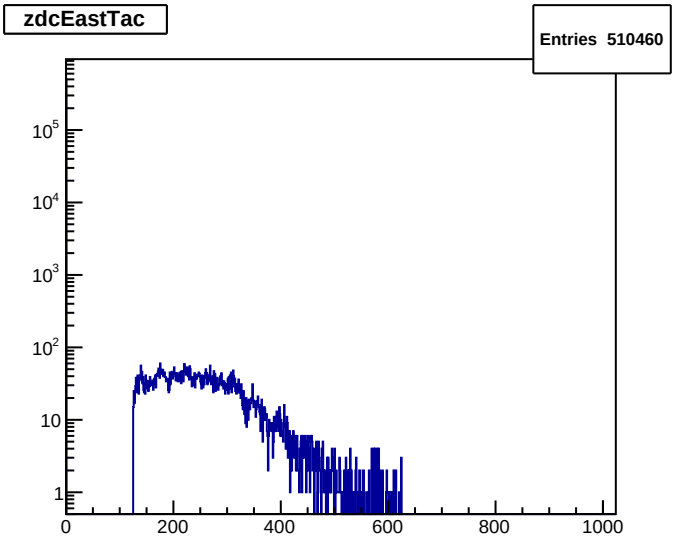

vpdEastTacMaxVsSimu
Entries 410815
Data
Simu

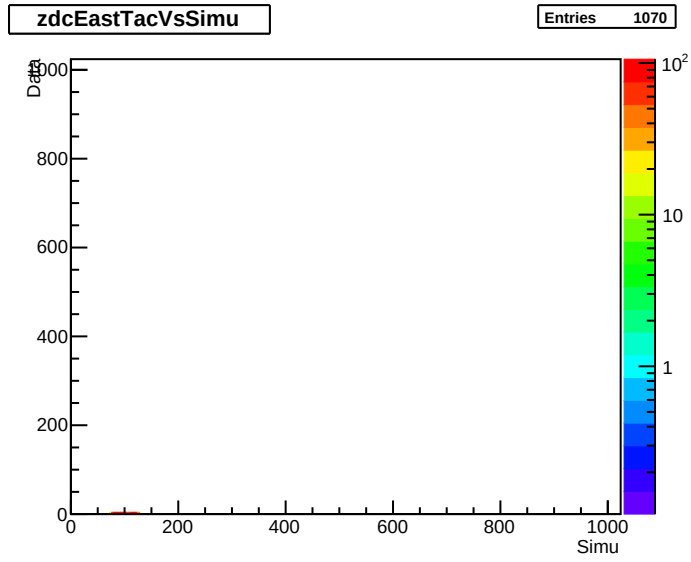

vpdWestAdcSum
Entries 510460

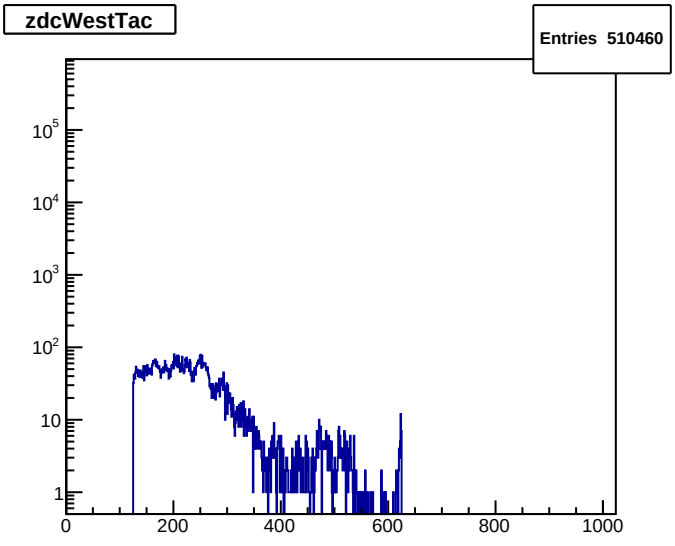

vpdWestAdcSumVsSimu
Entries 316285
Data
Simu

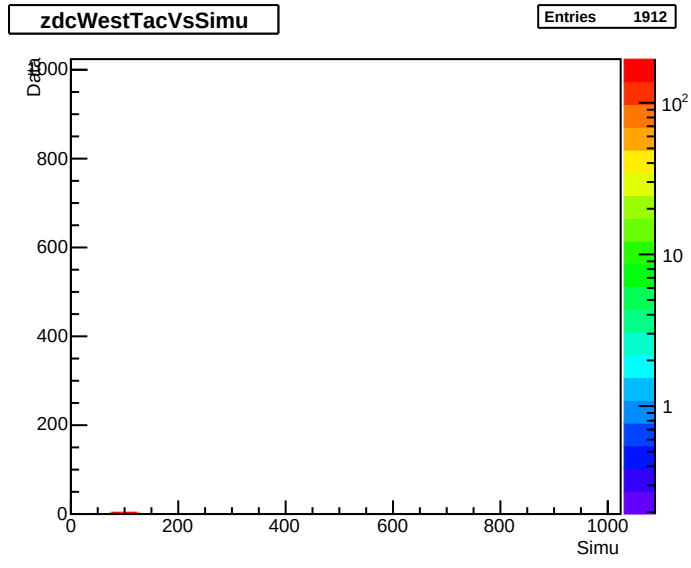

vpdWestTacMax
Entries 510460

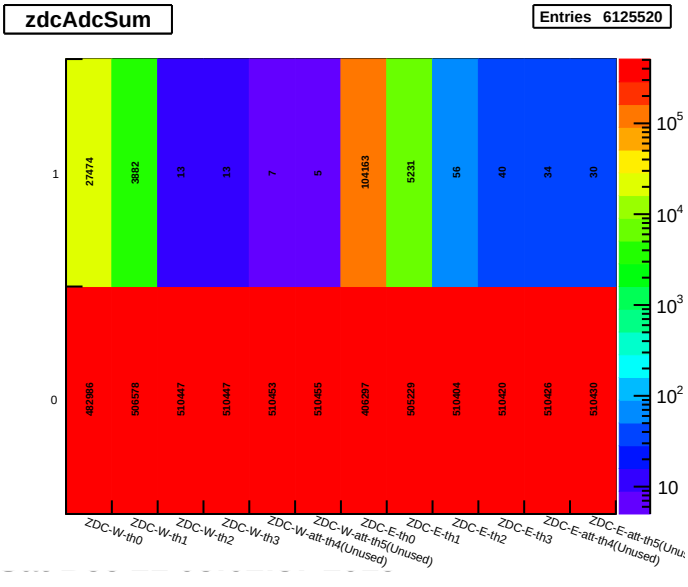

vpdWestTacMaxVsSimu
Entries 316285
Data
Simu

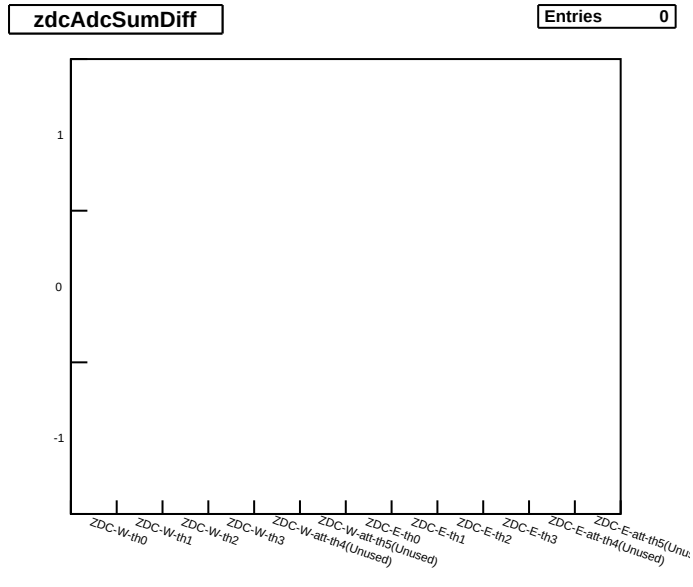

zdcEastTac
Entries 510460

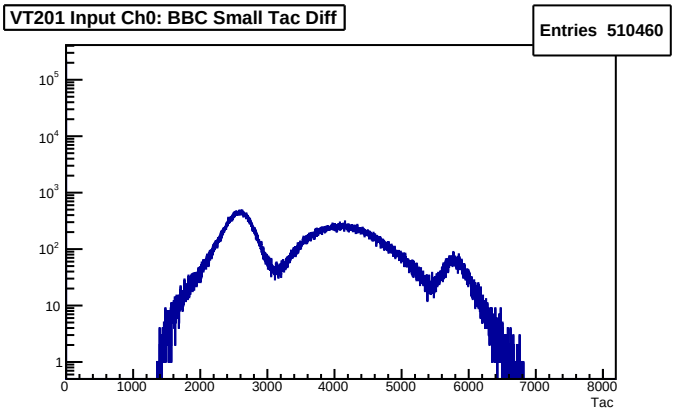

zdcEastTacVsSimu
Entries 1070
Data
Simu

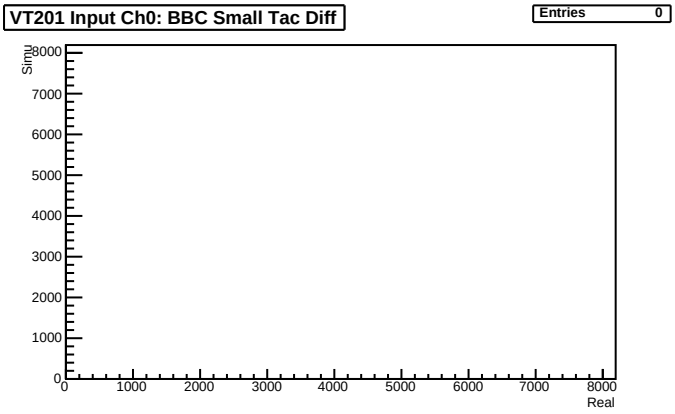

zdcWestTac
Entries 510460

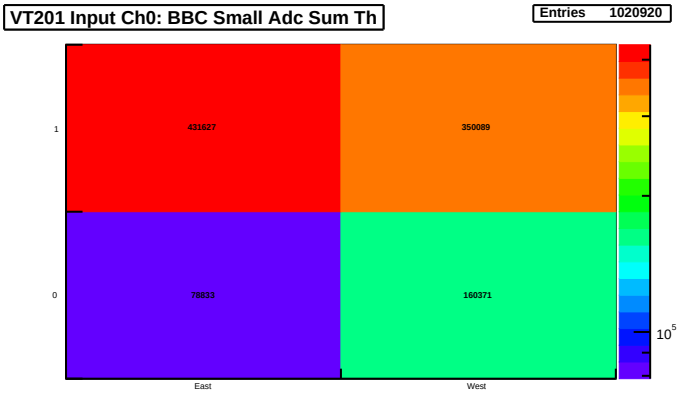

zdcWestTacVsSimu
Entries 1912
Data
Simu

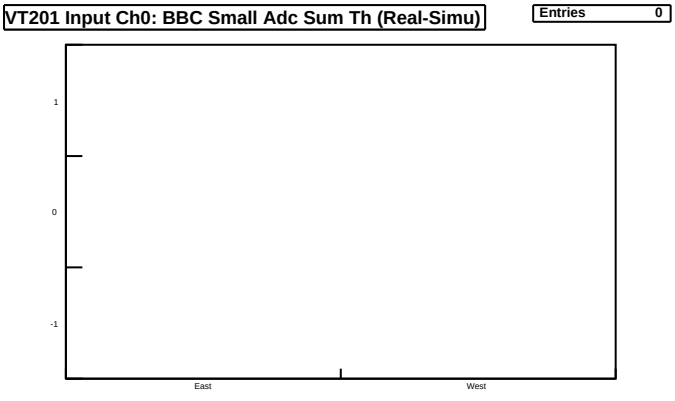

zdcAdcSum
Entries 6125520
27474
3862
13
13
7
5
104163
5231
56
40
34
30
482986
506578
510447
510447
510453
510455
406287
505229
510404
510420
510426
510430
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

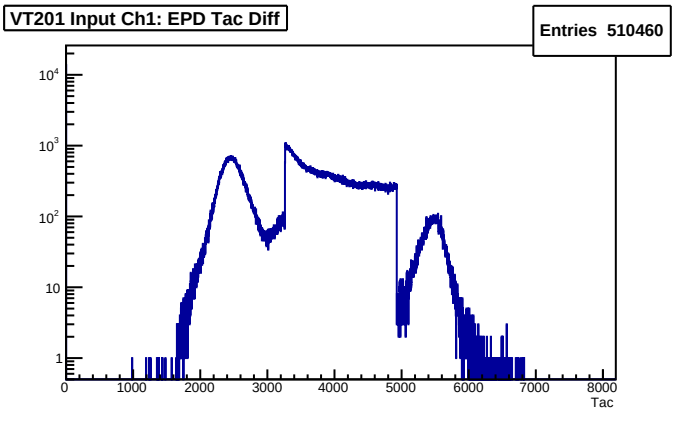

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

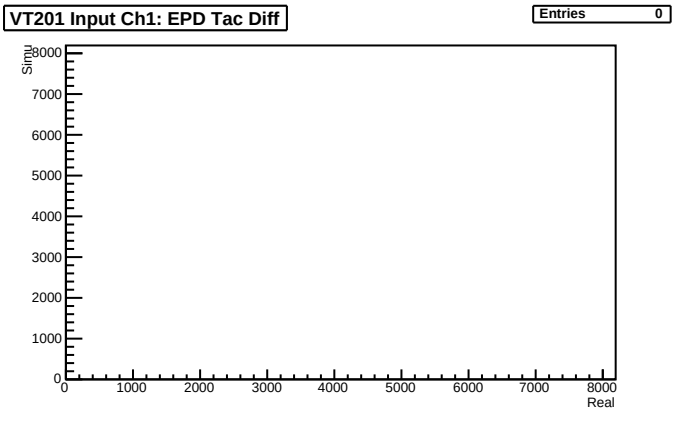

VT201 Input Ch0: BBC Small Tac Diff
Entries 510460
Tac

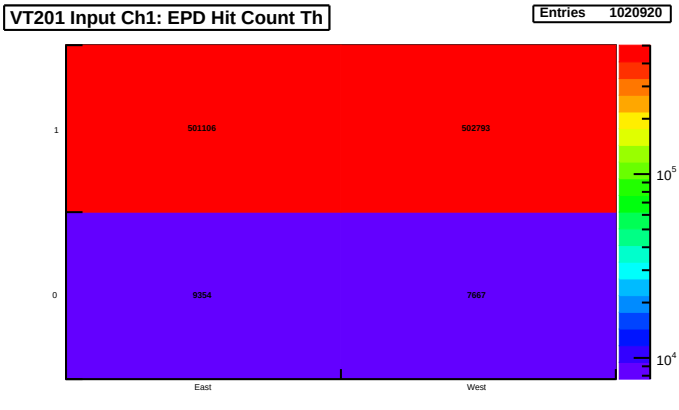

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

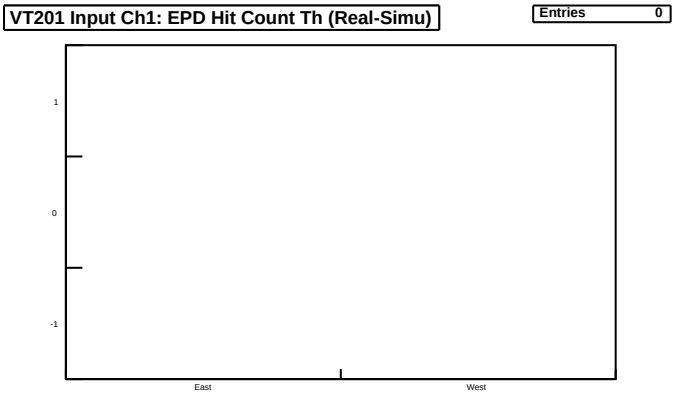

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1020920
431627
350089
78833
160371
East
West

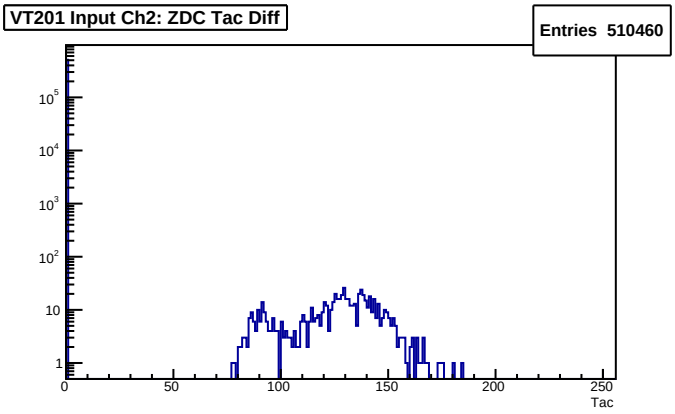

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

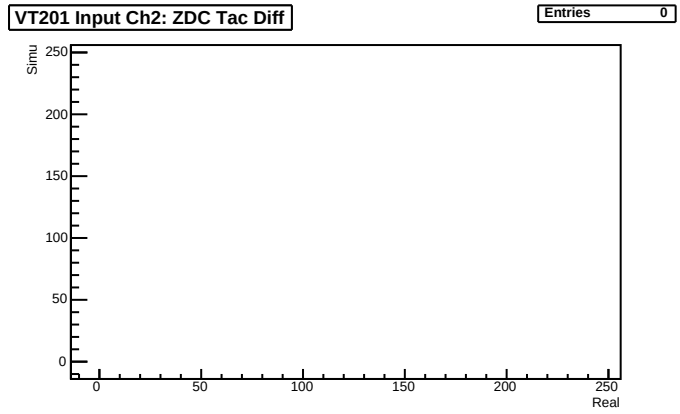

VT201 Input Ch1: EPD Tac Diff
Entries 510460
Tac

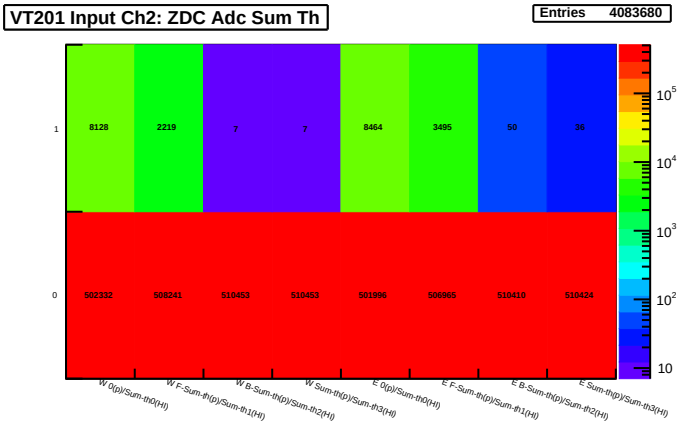

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

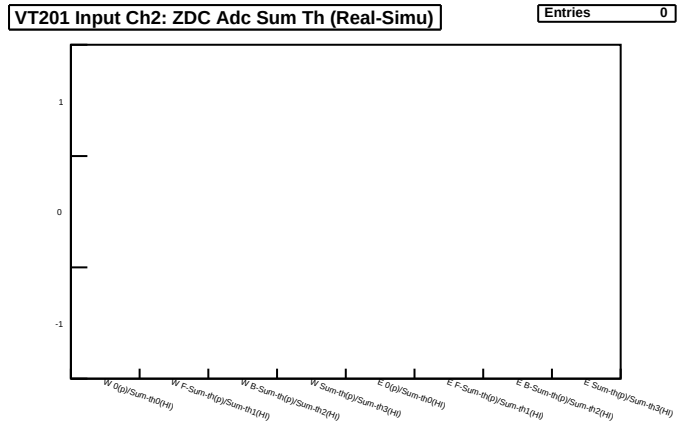

VT201 Input Ch1: EPD Hit Count Th
Entries 1020920
501106
502793
9354
7667
East
West

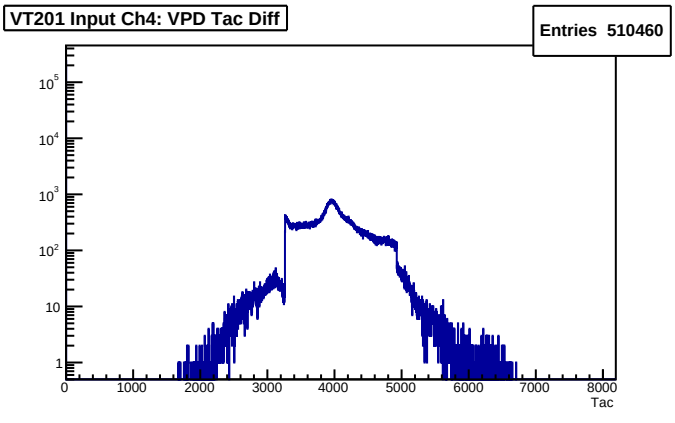

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

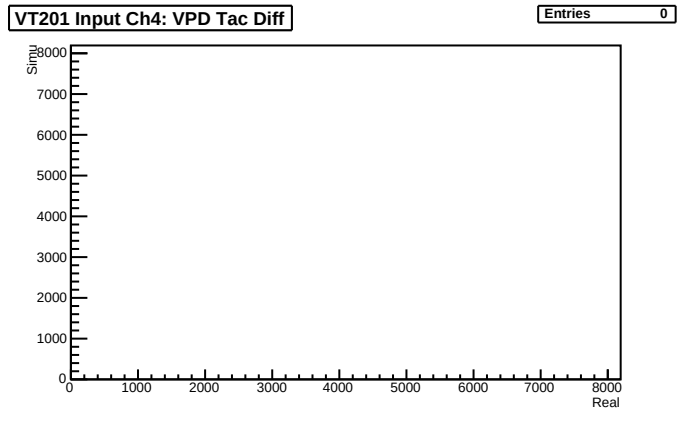

VT201 Input Ch2: ZDC Tac Diff
Entries 510460
Tac

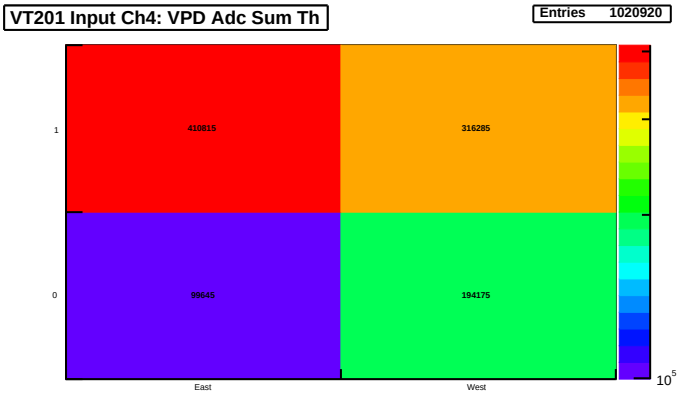

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

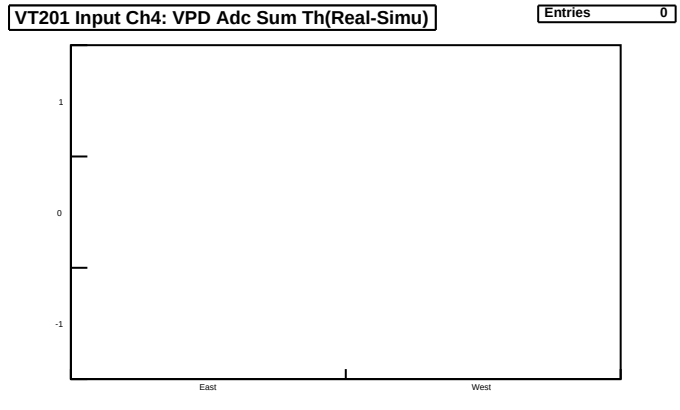

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4083680
8128
2219
7
7
8464
3495
50
36
502332
508241
510453
510453
501996
506965
510410
510424
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

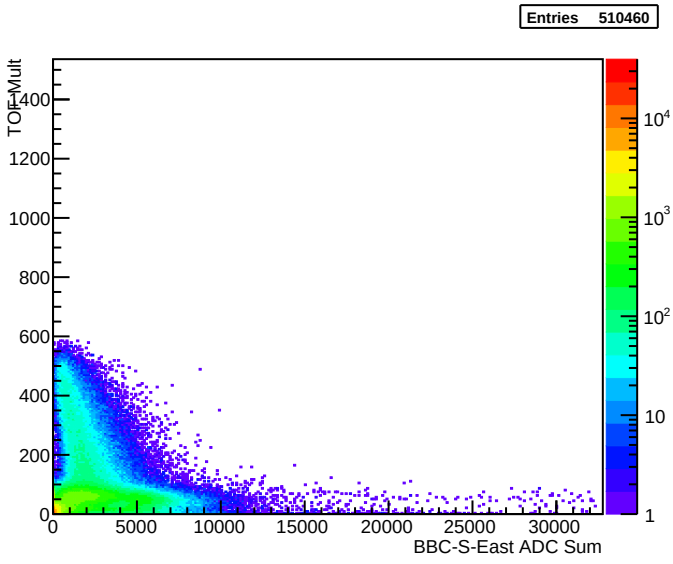

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

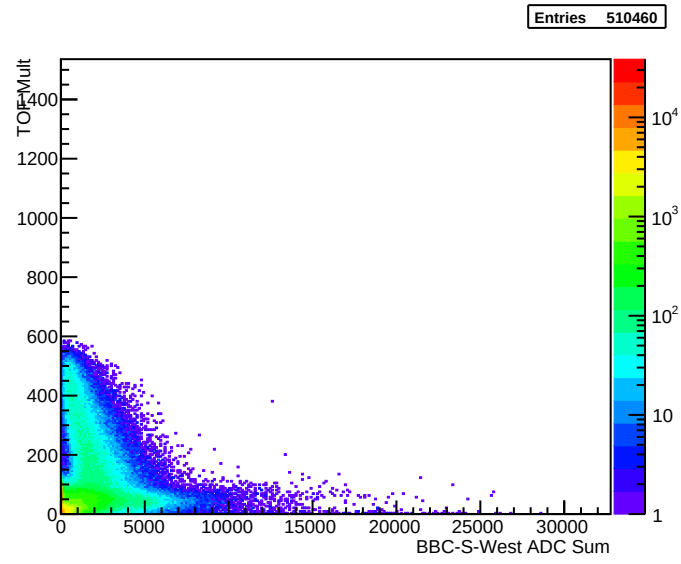

VT201 Input Ch4: VPD Tac Diff
Entries 510460
Tac

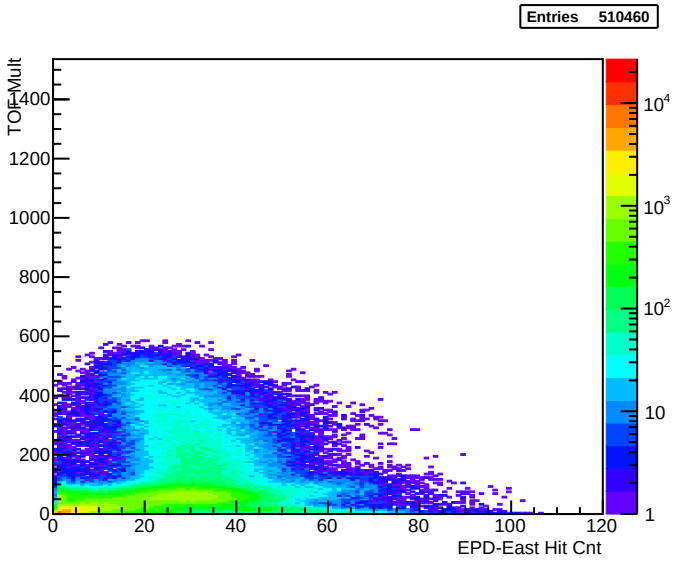

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

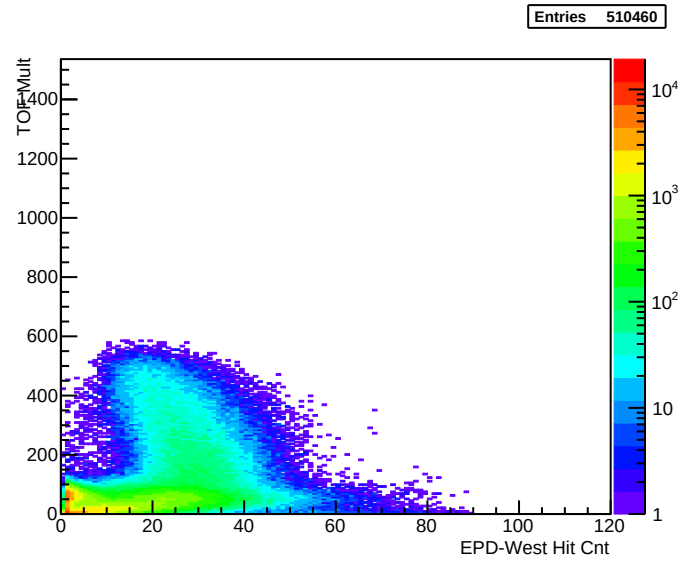

VT201 Input Ch4: VPD Adc Sum Th
Entries 1020920
410815
316285
99645
194175
East
West

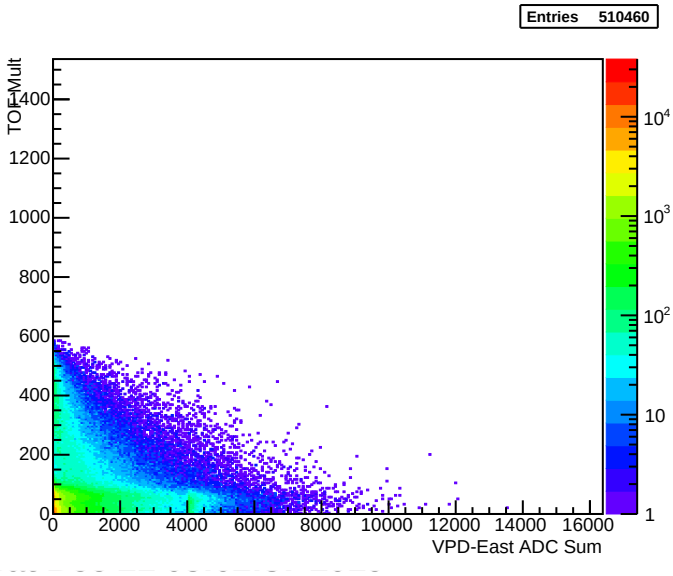

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

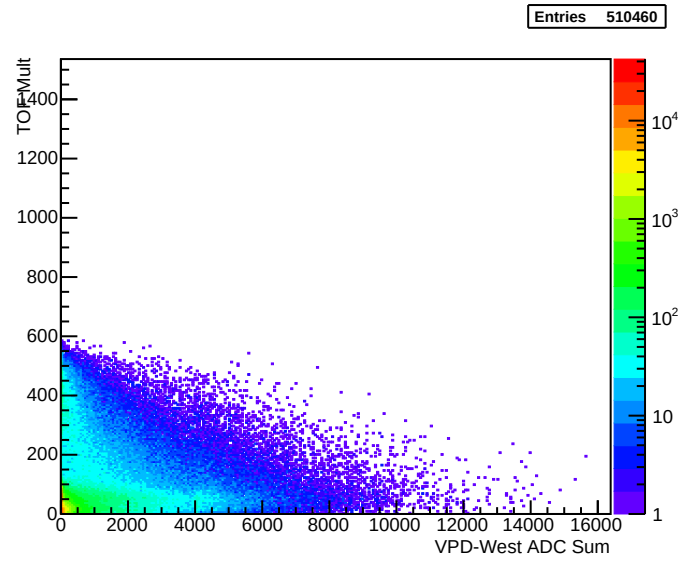

Entries 510460
TOF-Mult
BBC-S-East ADC Sum

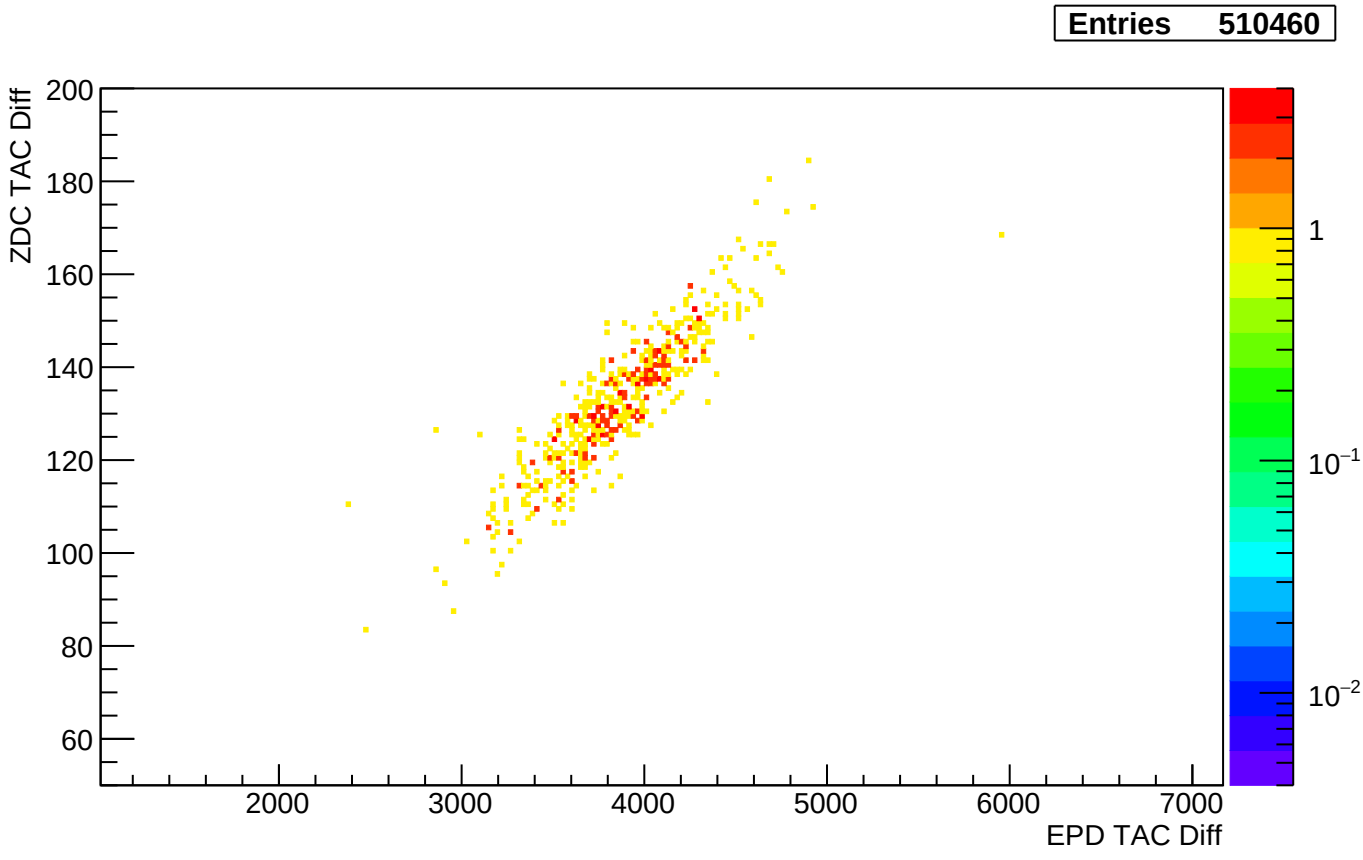

Entries 510460
TOF-Mult
BBC-S-West ADC Sum

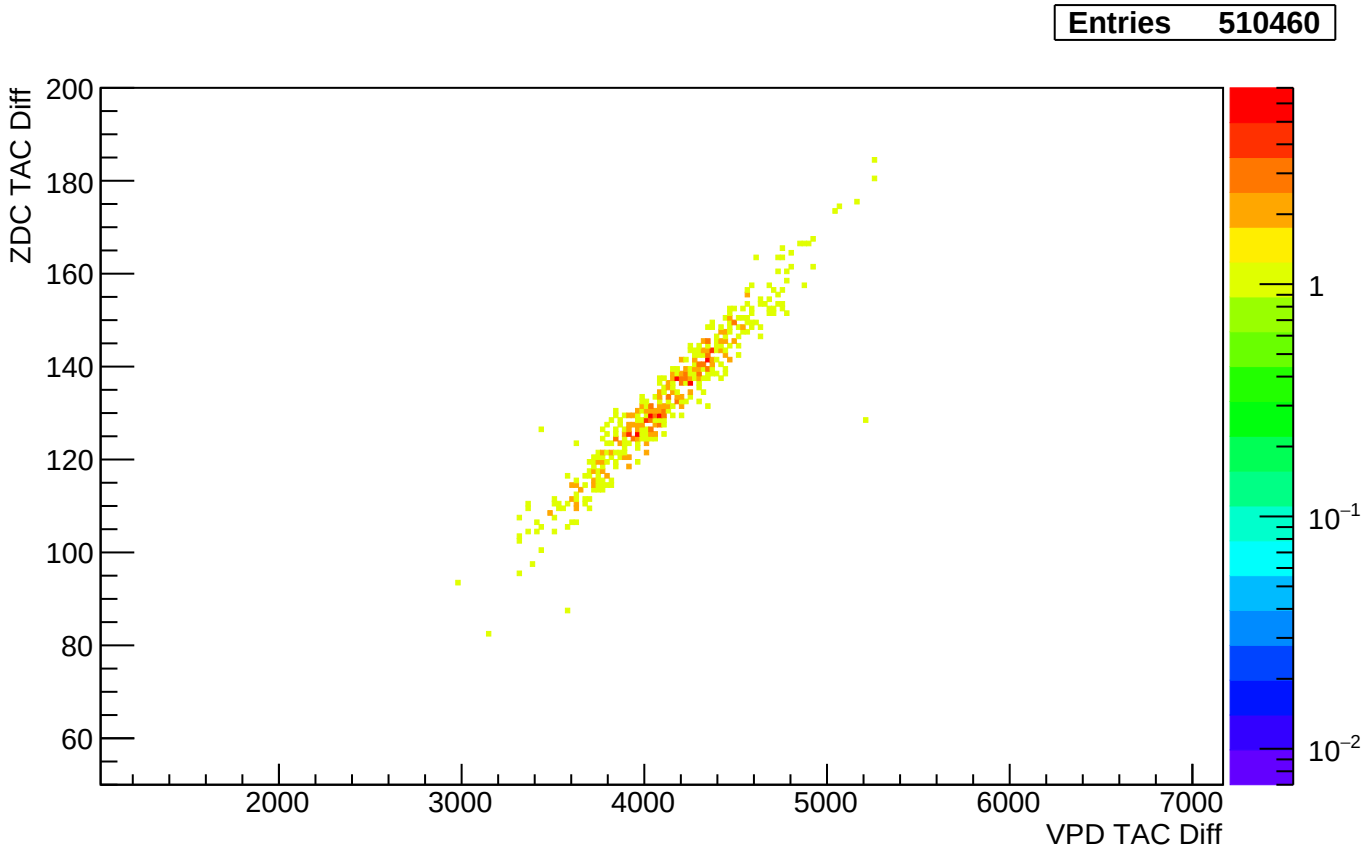

Entries 510460
TOF-Mult
EPD-East Hit Cnt

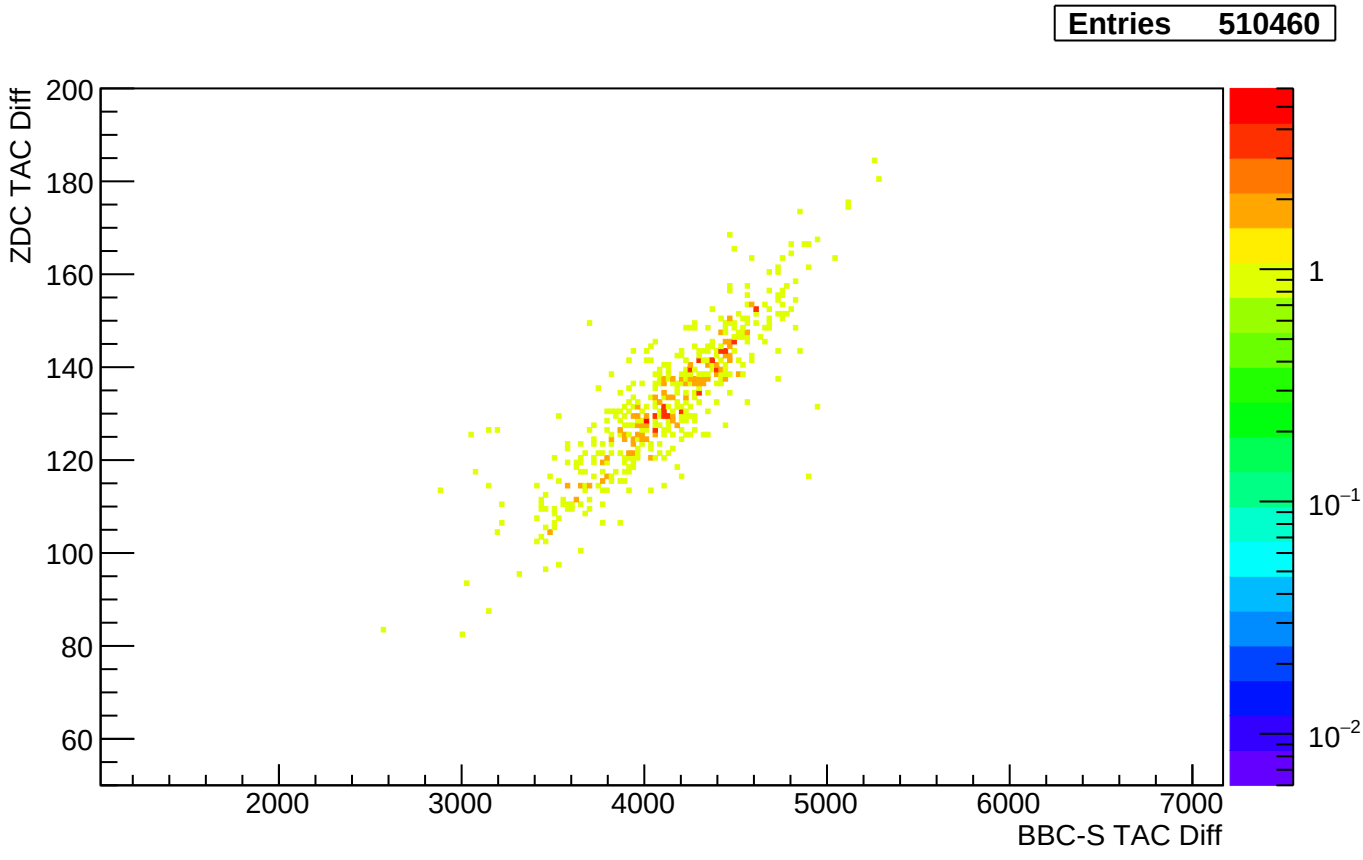

Entries 510460
TOF-Mult
EPD-West Hit Cnt

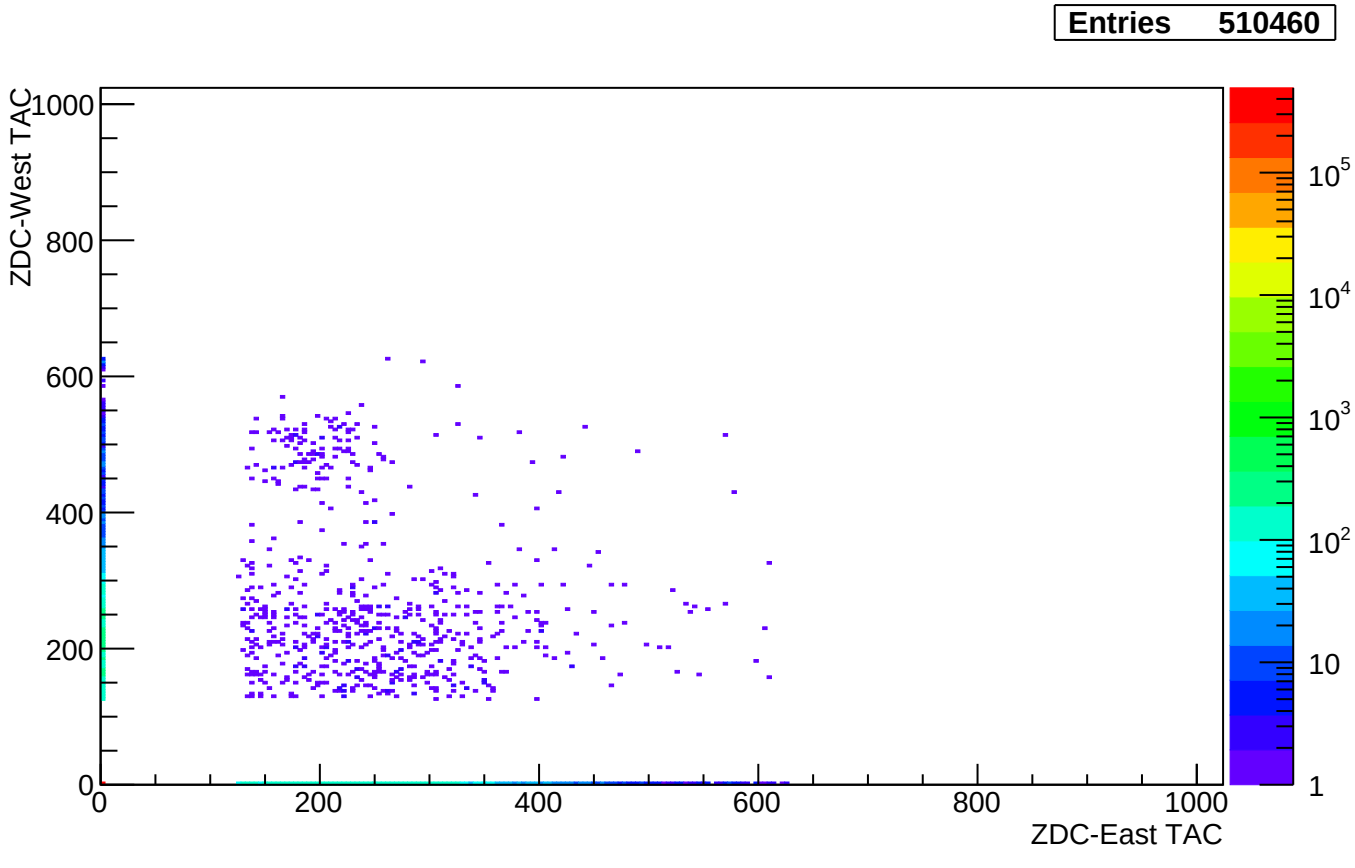

Entries 510460
TOF-Mult
VPD-East ADC Sum

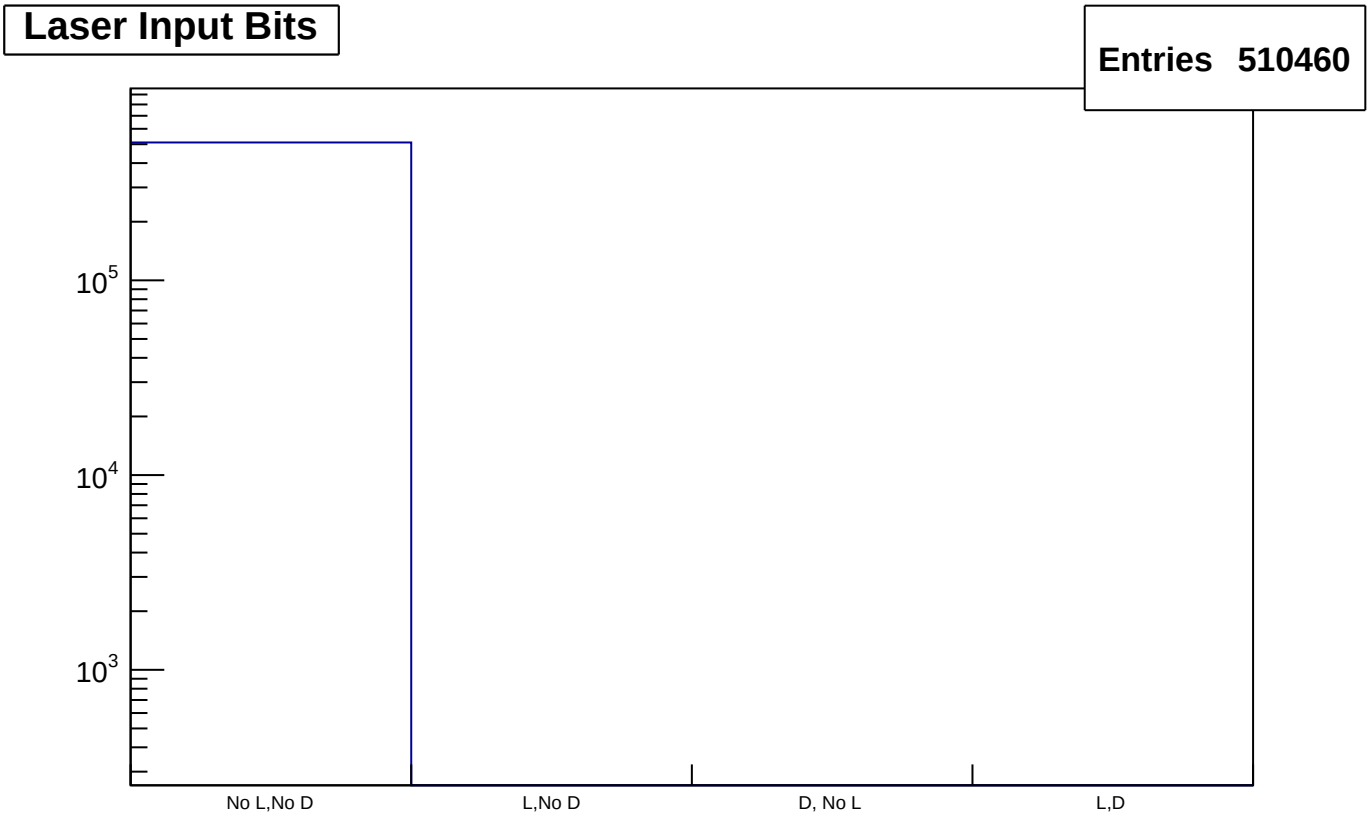

Entries 510460
TOF-Mult
VPD-West ADC Sum

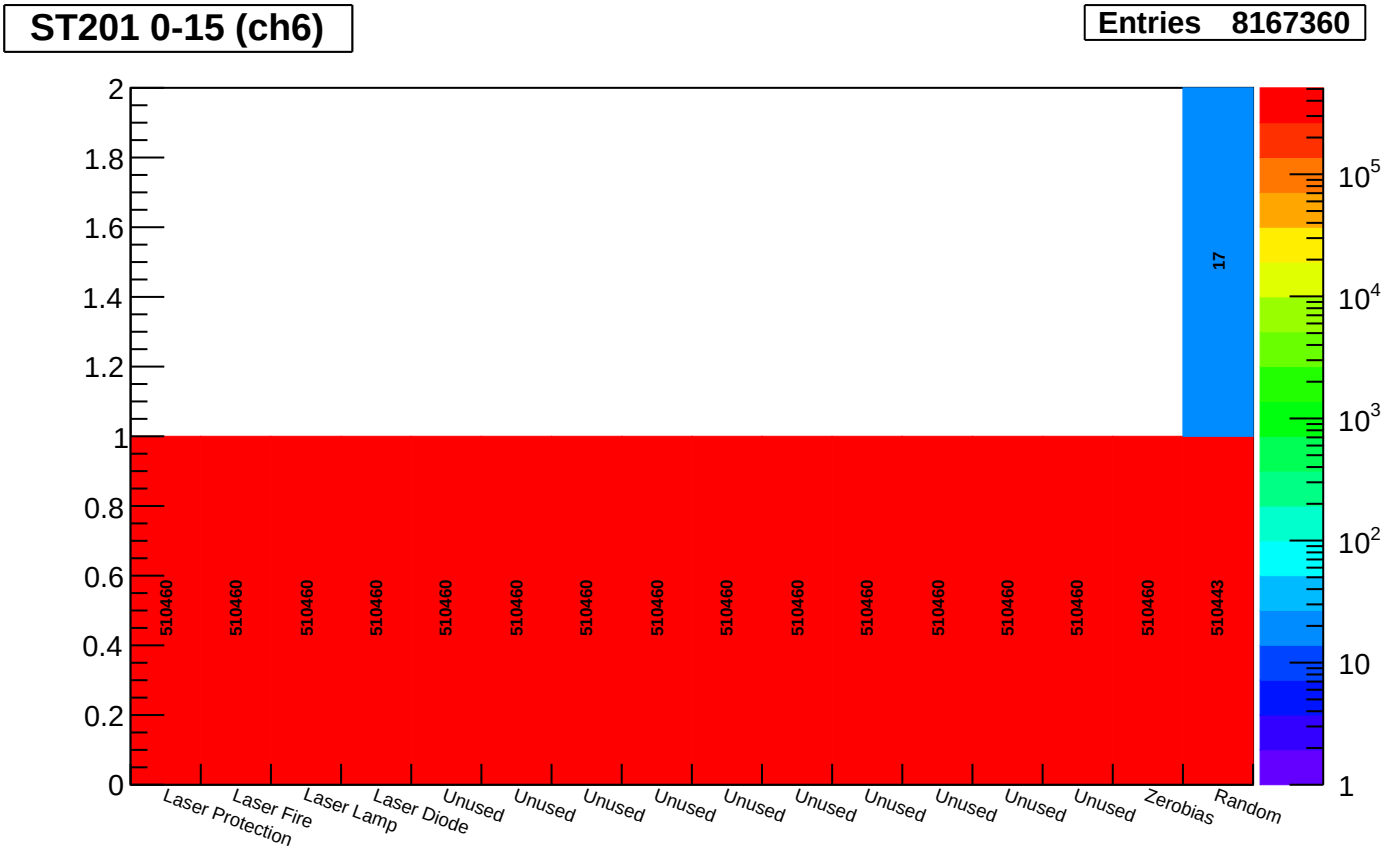

Entries 510460
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

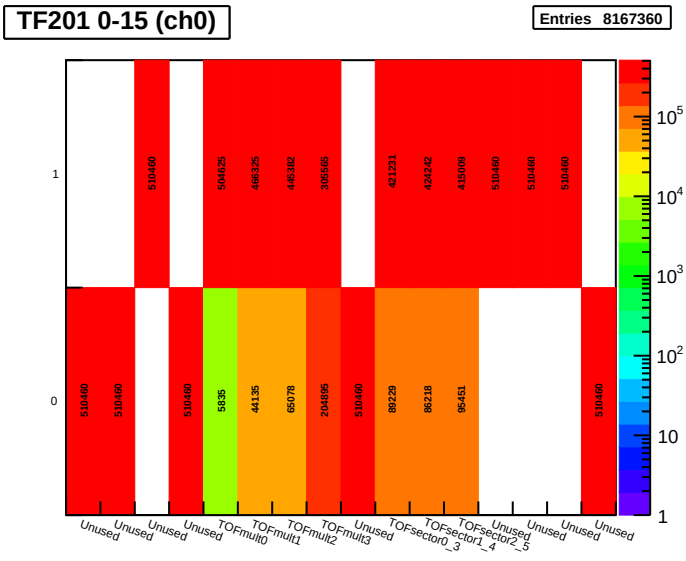

Entries 510460
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

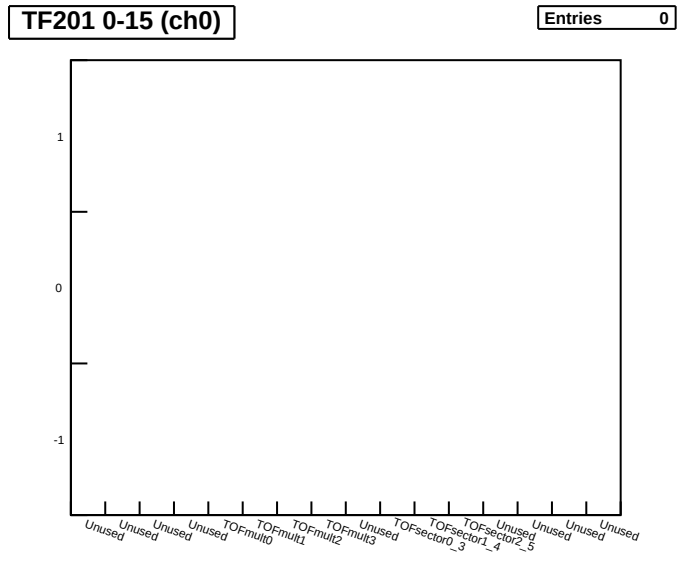

Entries 510460
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

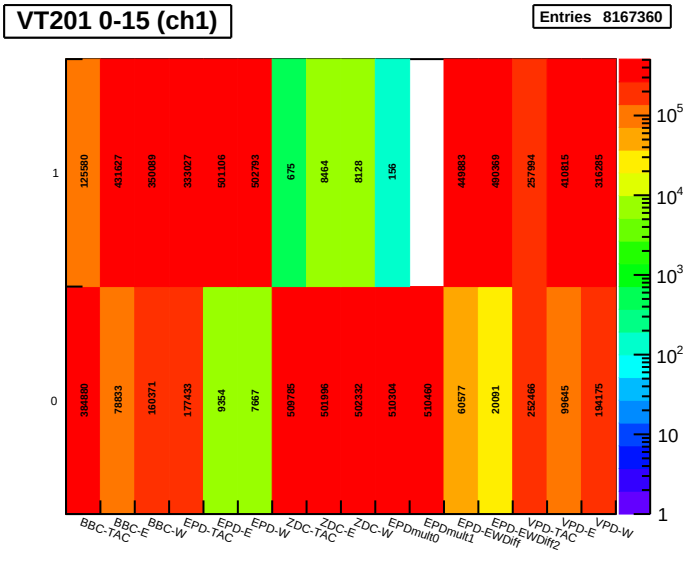

Entries 510460
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

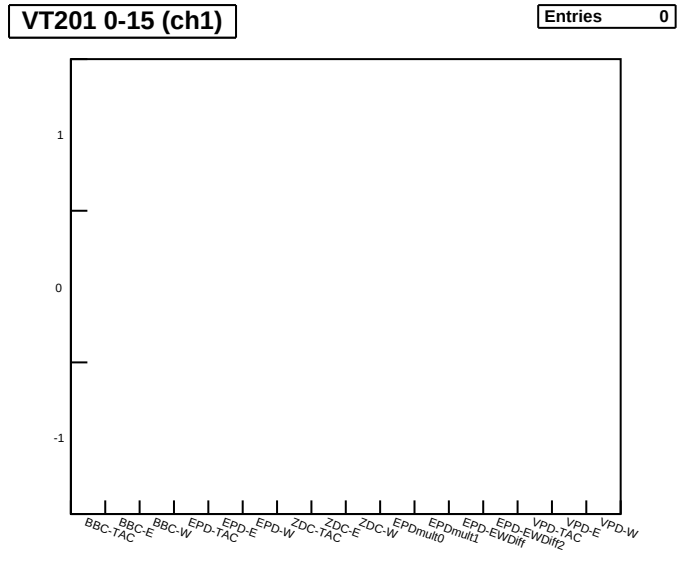

Laser Input Bits
Entries 510460
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

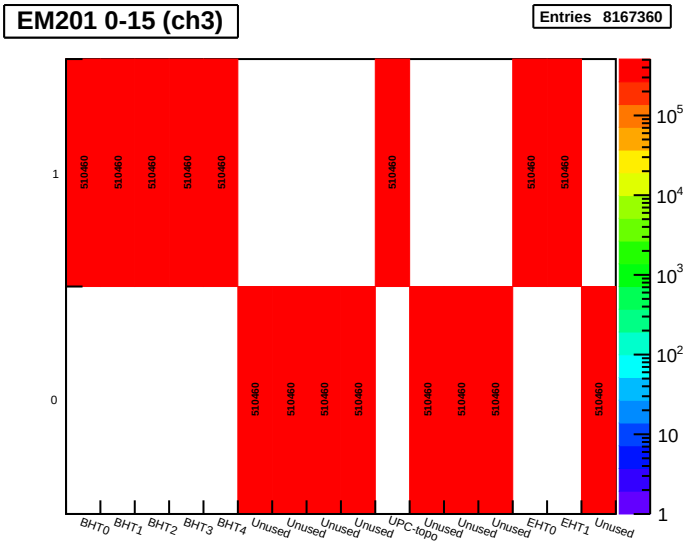

ST201 0-15 (ch6)
Entries 8167360
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
17
510460
510443
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

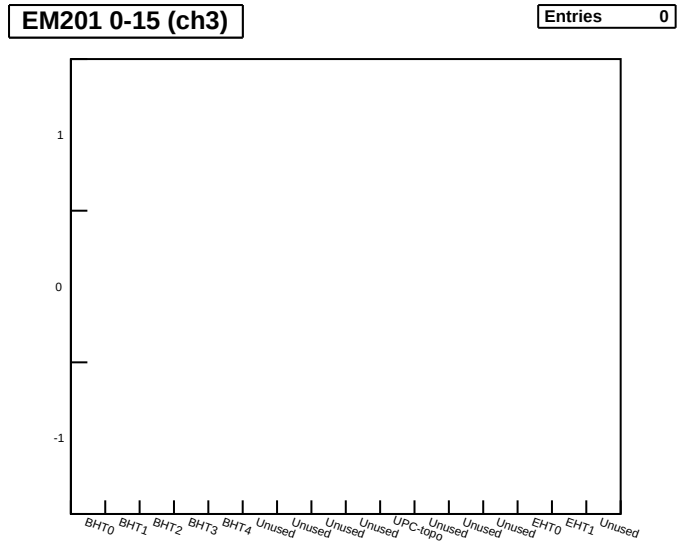

TF201 0-15 (ch0)
Entries 8167360
1
0
510460
504625
466325
446382
305565
421231
424242
415009
510460
510460
510460
510460
510460
510460
5835
44135
65078
204895
510460
89229
86218
95451
510460
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8167360
1
0
125580
431627
350089
333027
501106
502793
675
8464
8128
156
449883
490369
257994
410815
316285
384880
78833
160371
177433
9354
7667
509785
501996
502332
510304
510460
60577
20091
252466
99645
194175
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 8167360
1
0
510460
510460
510460
510460
510460
510460
510460
510460
510460
510460
510460
510460
510460
510460
510460
510460
510460
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