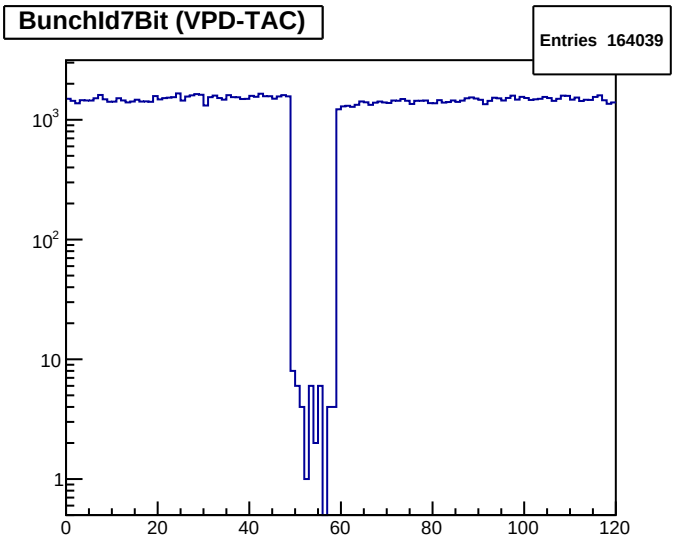
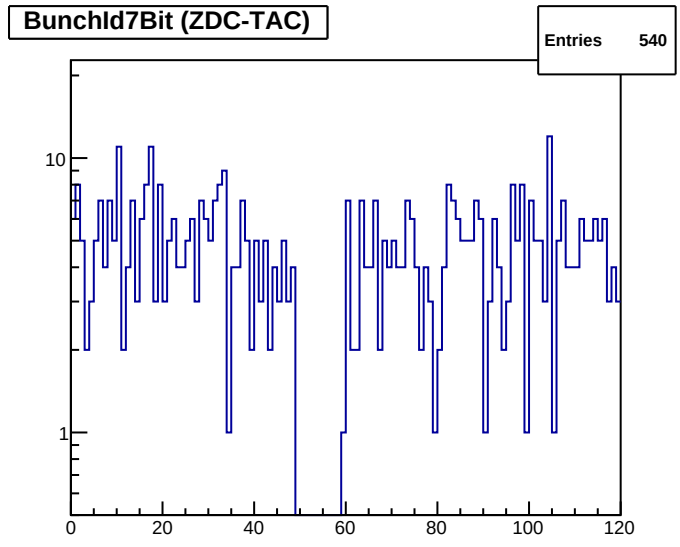
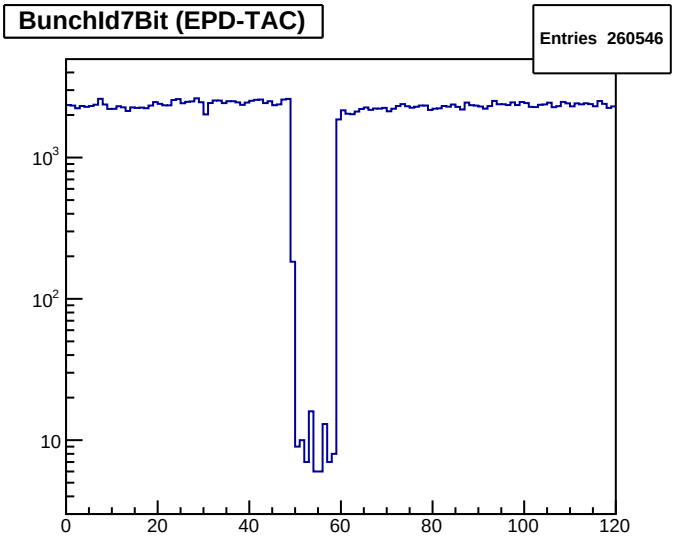
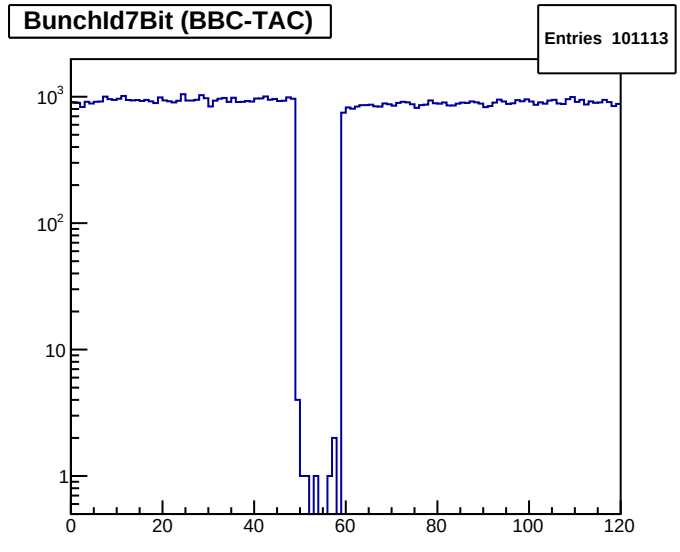
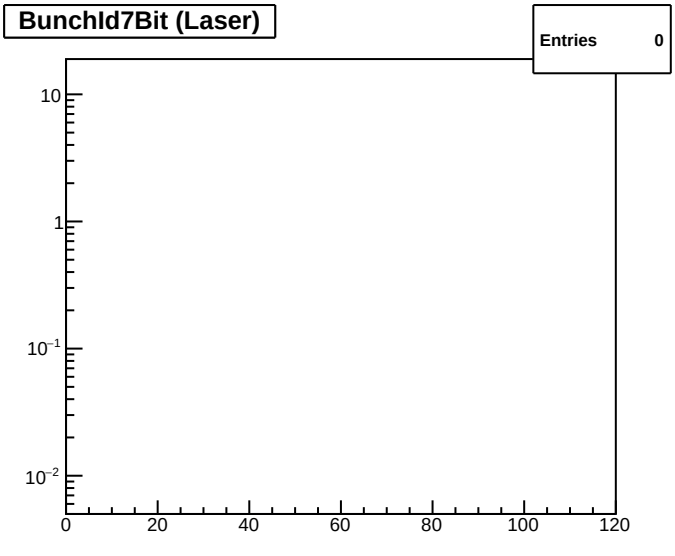
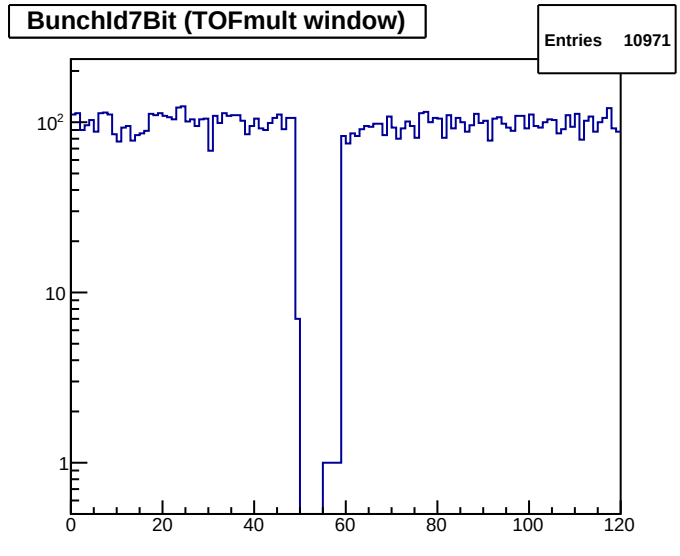

BunchId7Bit (VPD-TAC)
Entries 164039

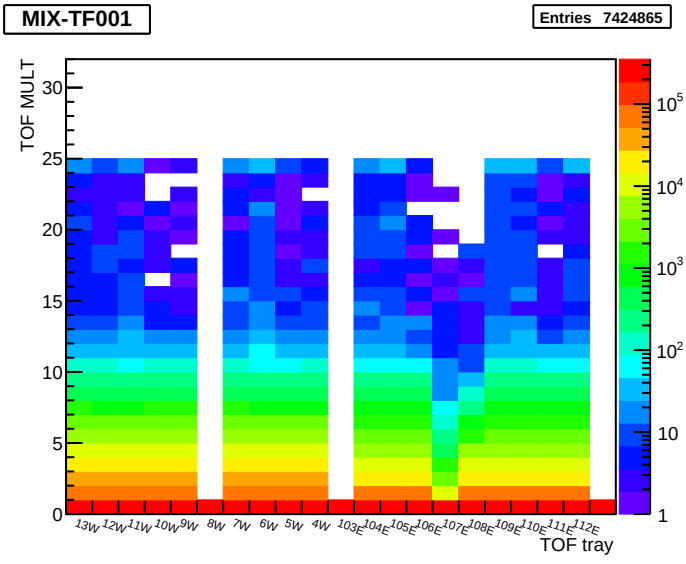

BunchId7Bit (ZDC-TAC)
Entries 540

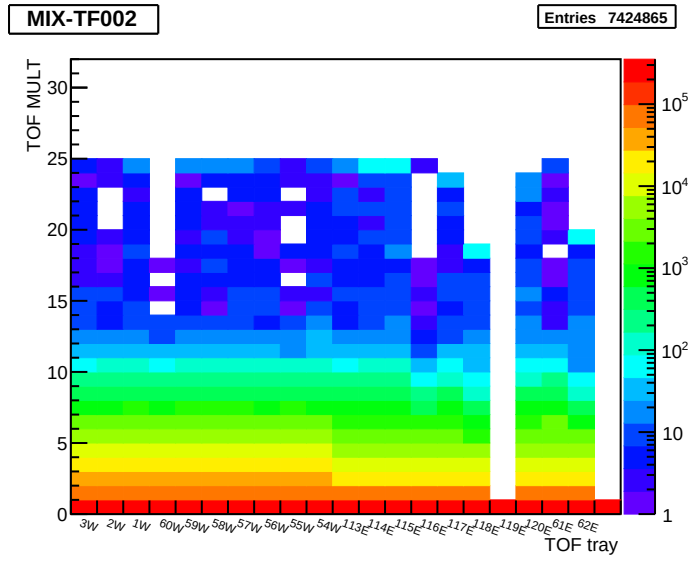

BunchId7Bit (EPD-TAC)
Entries 260546

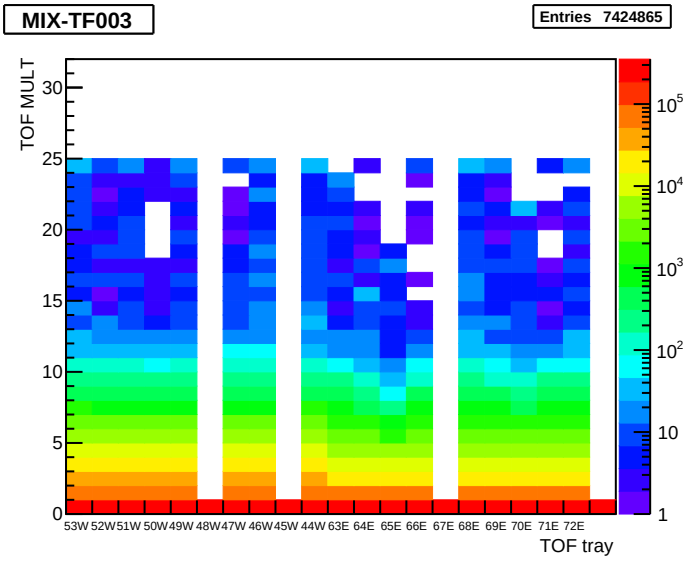

BunchId7Bit (BBC-TAC)
Entries 101113

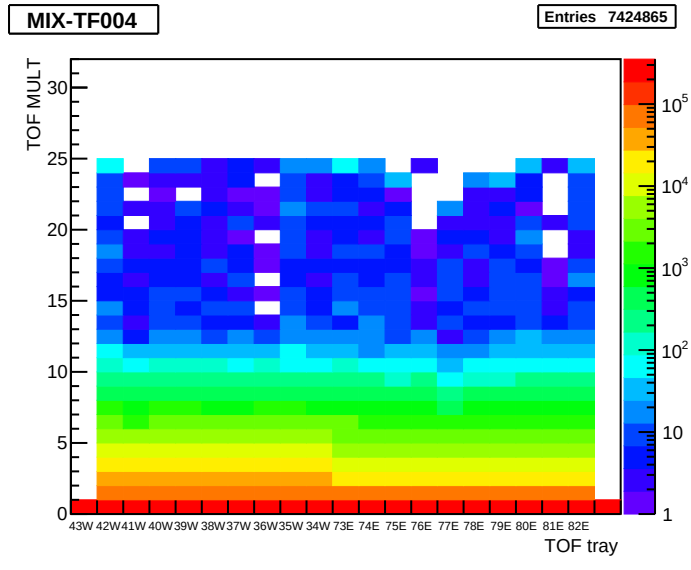

BunchId7Bit (Laser)
Entries 0

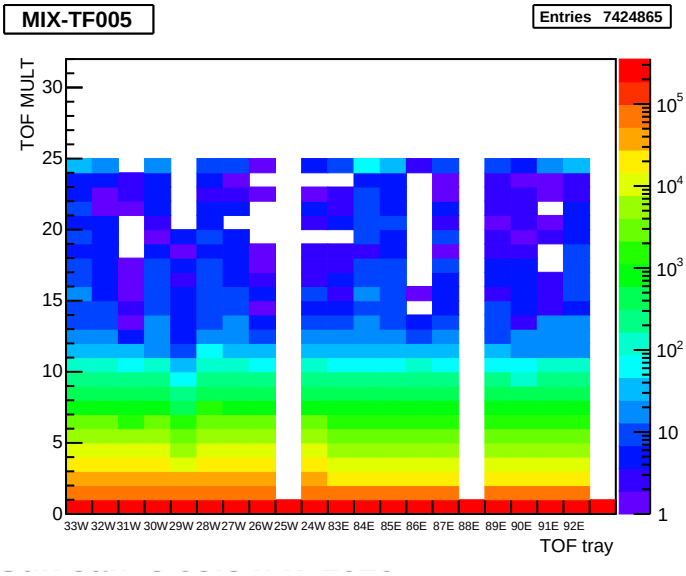

BunchId7Bit (TOFmult window)
Entries 10971

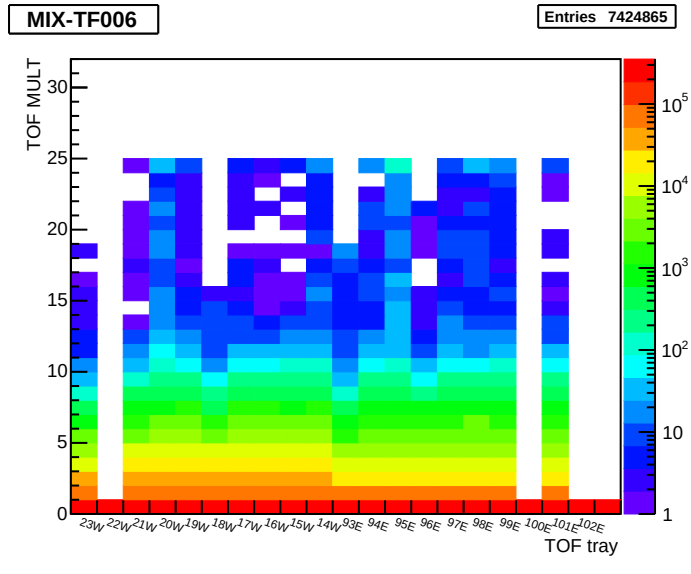

MIX-TF001
Entries 7424865
TOF MULT
TOF tray

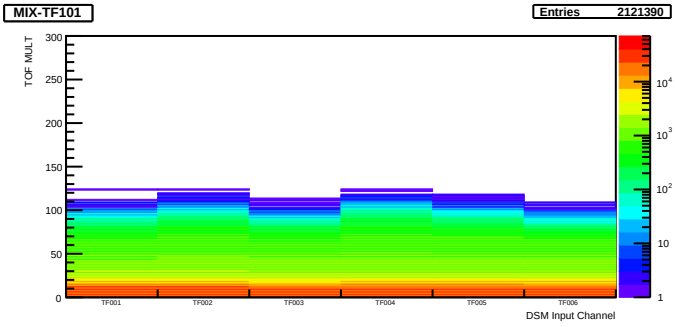

MIX-TF002
Entries 7424865
TOF MULT
TOF tray

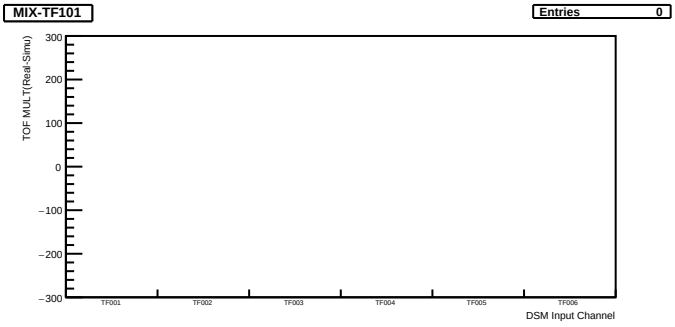

MIX-TF003
Entries 7424865
TOF MULT
TOF tray

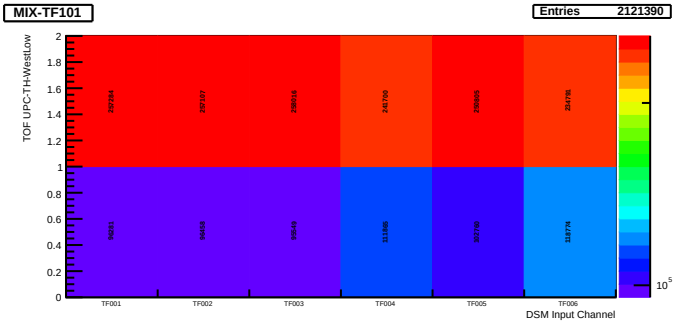

MIX-TF004
Entries 7424865
TOF MULT
TOF tray

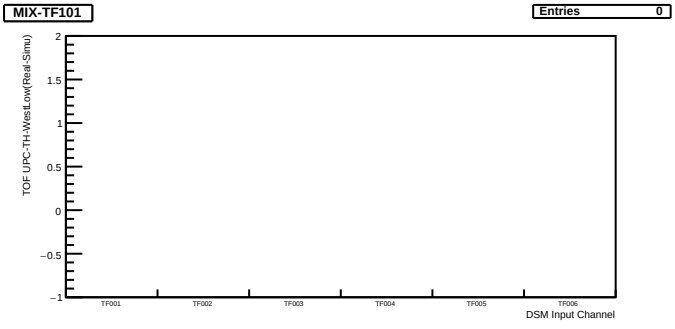

MIX-TF005
Entries 7424865
TOF MULT
TOF tray

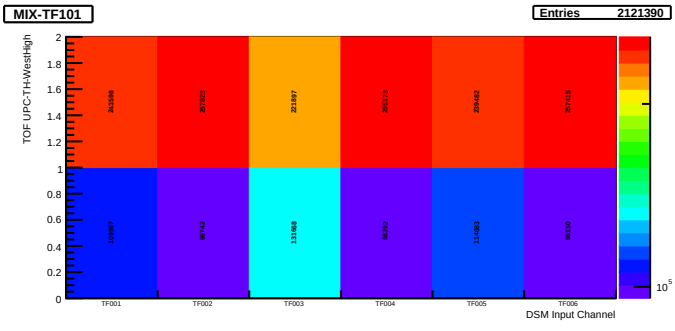

MIX-TF006
Entries 7424865
TOF MULT
TOF tray

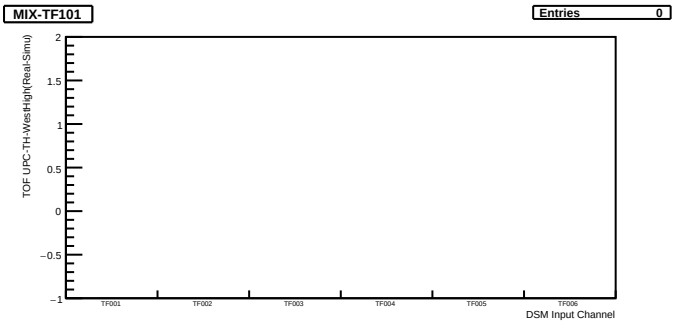

MIX-TF101
Entries 2121390
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

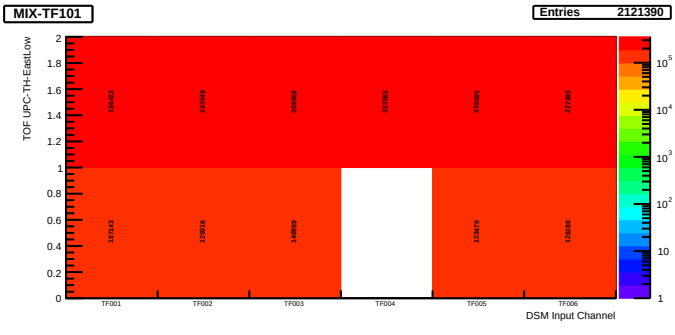

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

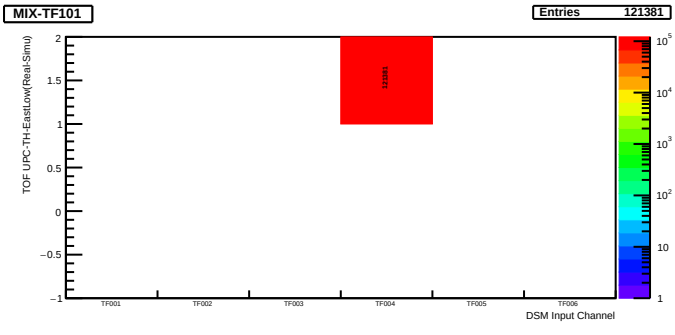

MIX-TF101
Entries 2121390
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

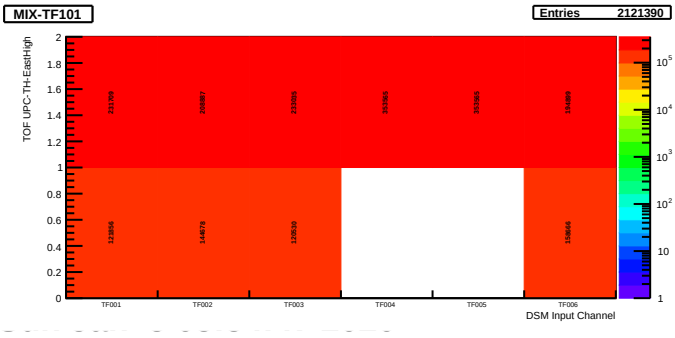

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

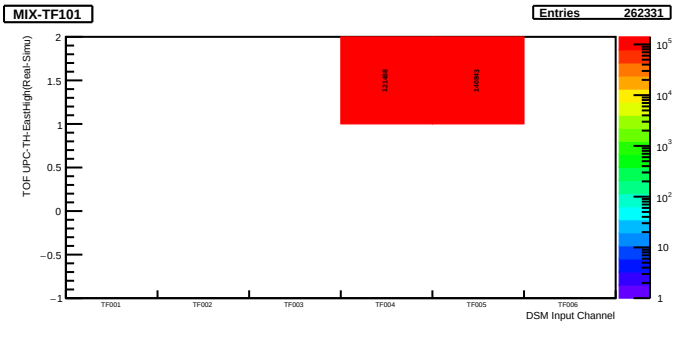

MIX-TF101
Entries 2121390
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

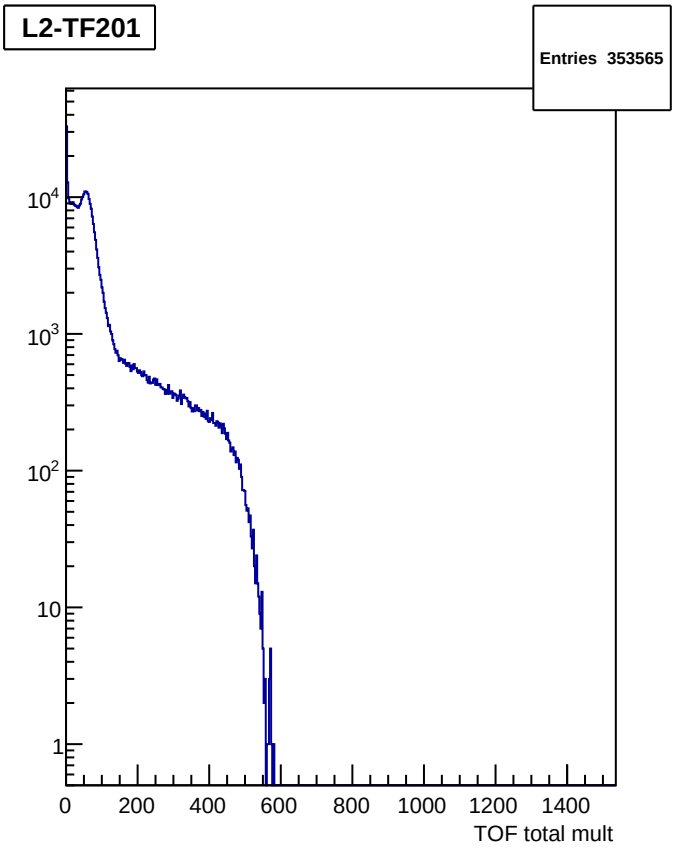

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

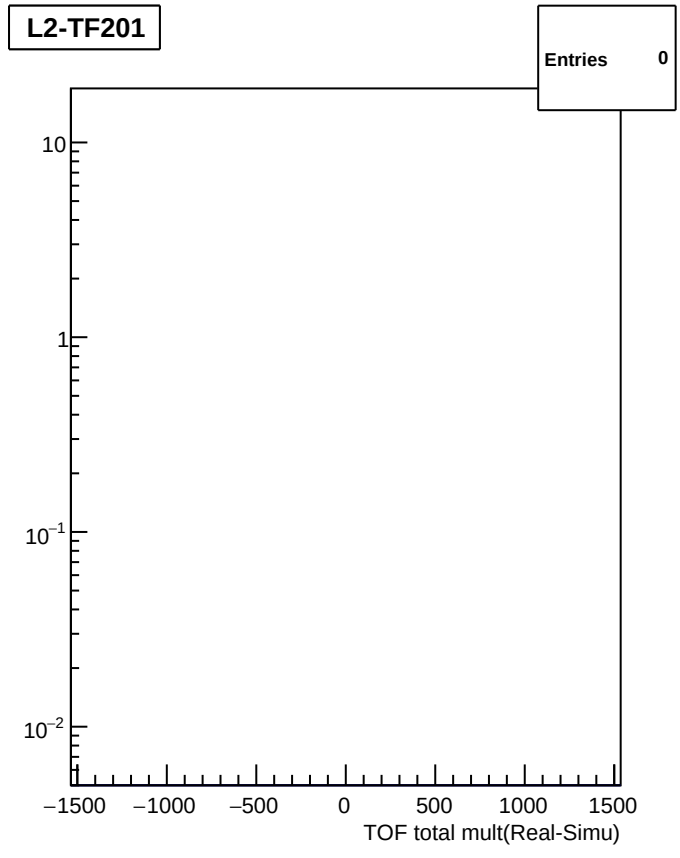

MIX-TF101
Entries 2121390
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

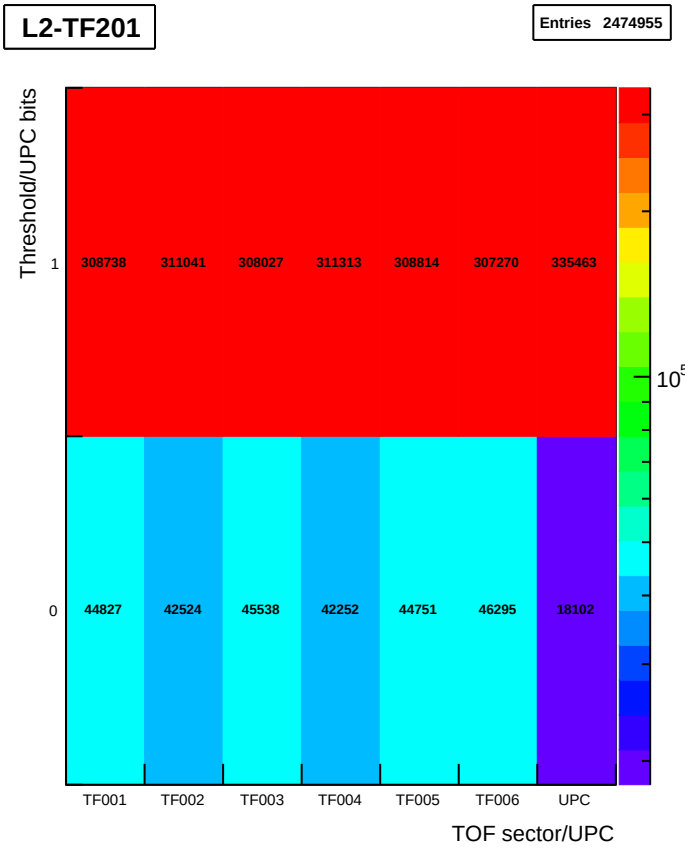

MIX-TF101
Entries 121381
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

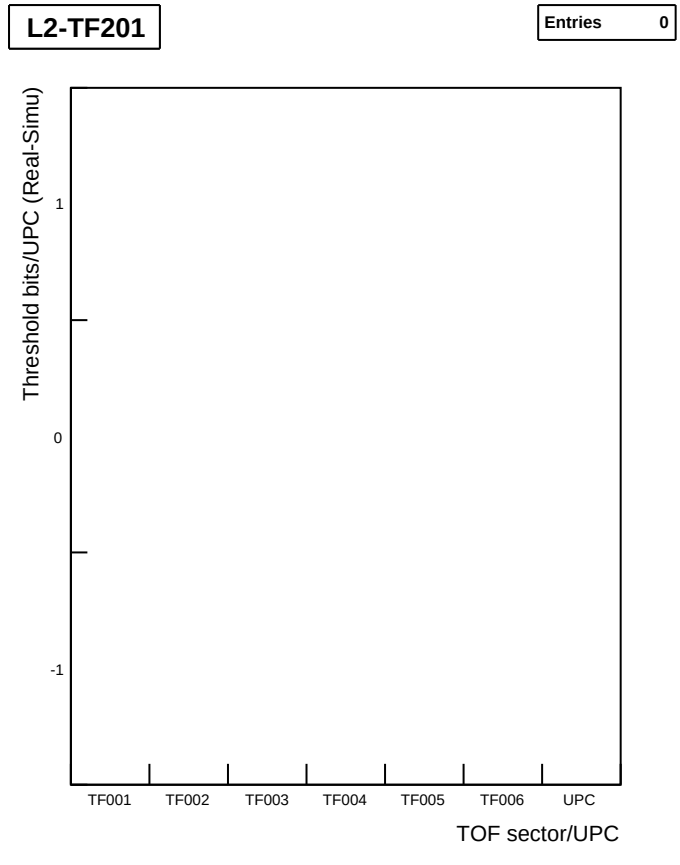

MIX-TF101
Entries 2121390
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

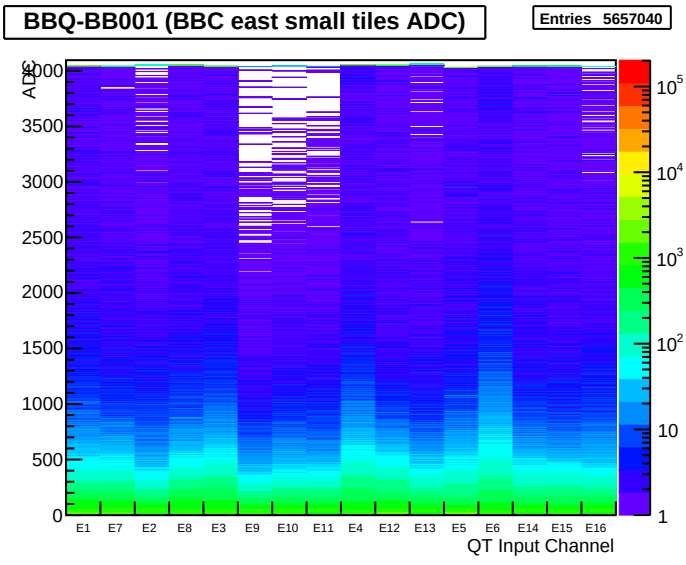

MIX-TF101
Entries 262331
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

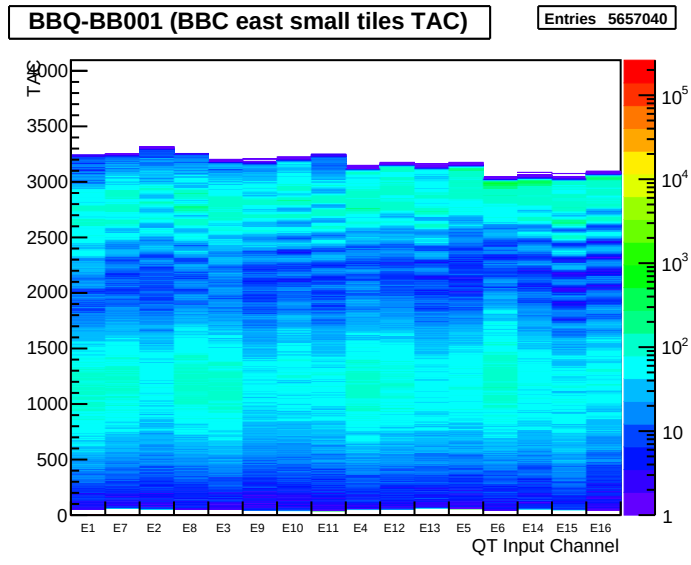

L2-TF201
Entries 353565
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

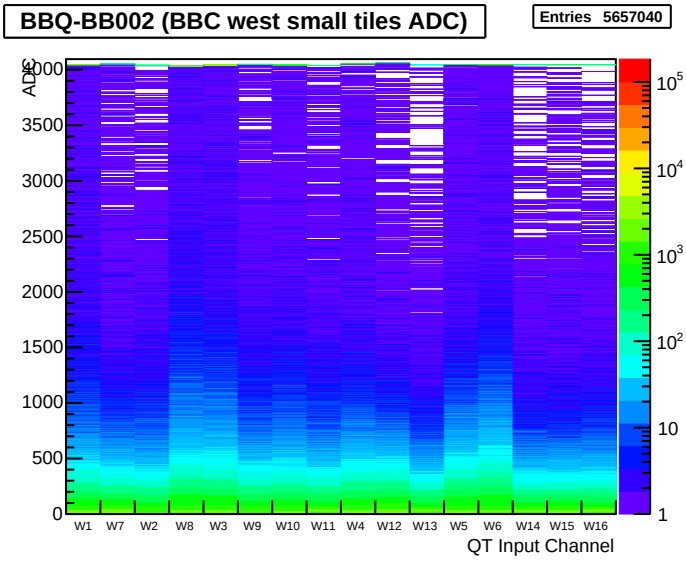

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

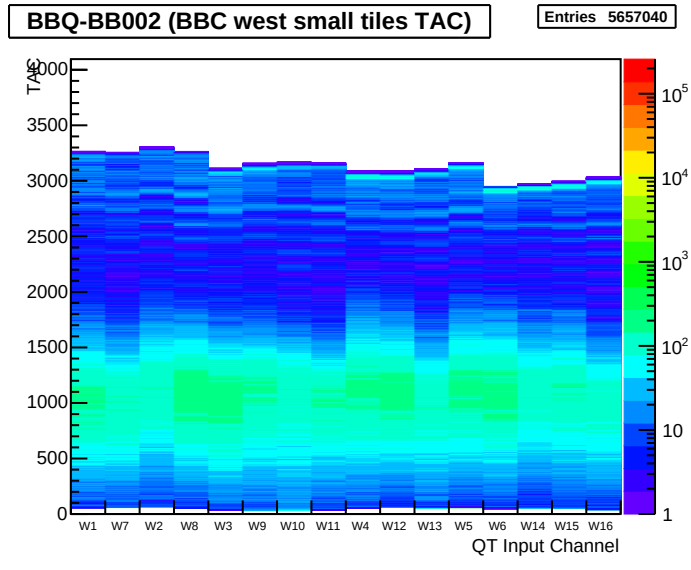

L2-TF201
Entries 2474955
Threshold/UPC bits
1
0
308738
311041
308027
311313
308814
307270
335463
44827
42524
45538
42252
44751
46295
18102
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

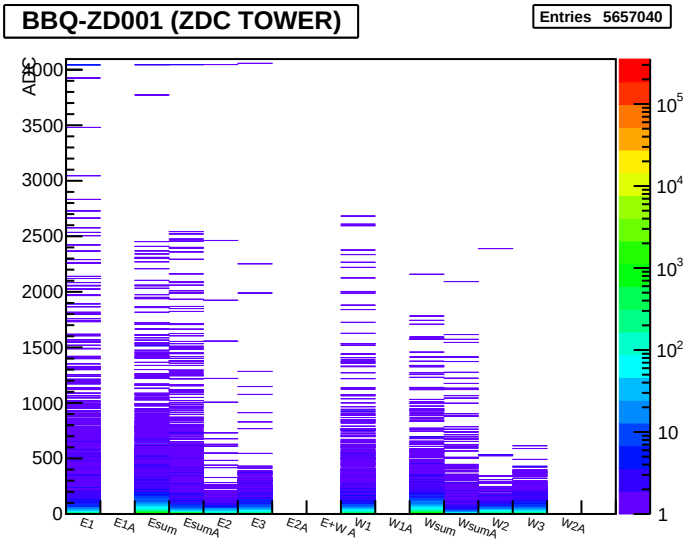

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

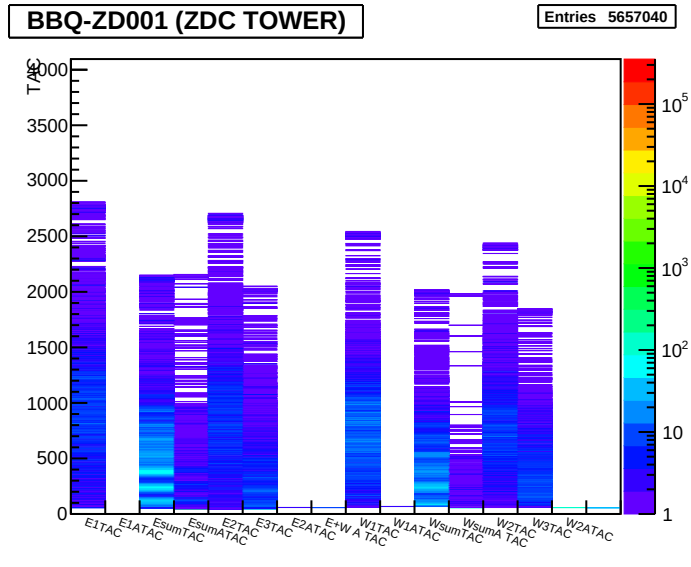

BBQ-BB001 (BBC east small tiles ADC)
Entries 5657040
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

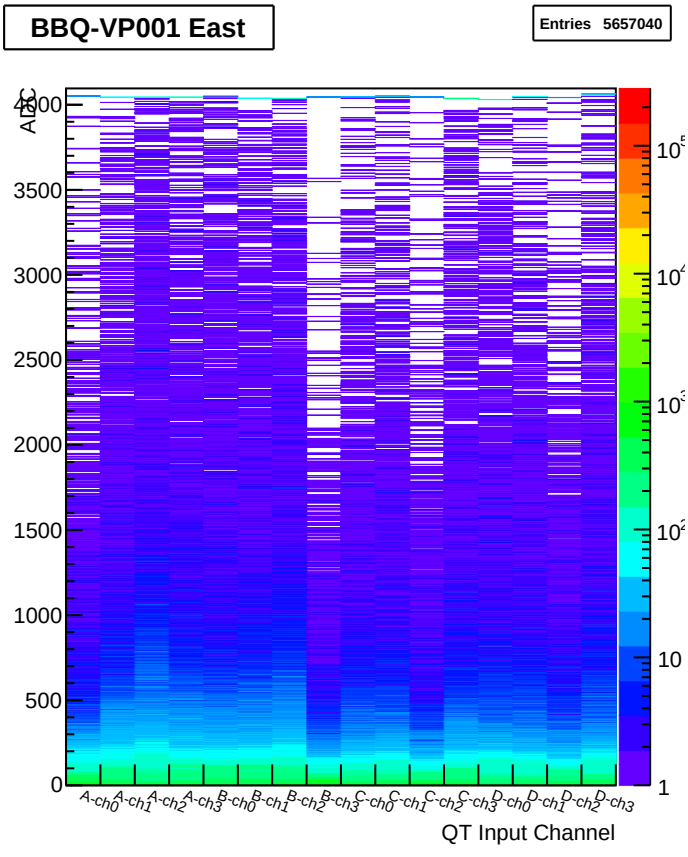

BBQ-BB001 (BBC east small tiles TAC)
Entries 5657040
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

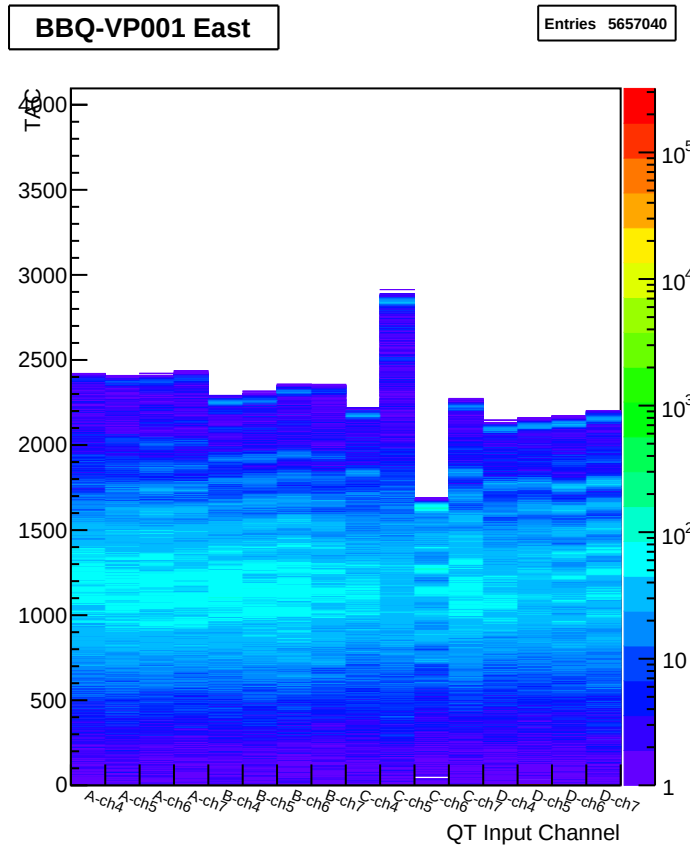

BBQ-BB002 (BBC west small tiles ADC)
Entries 5657040
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

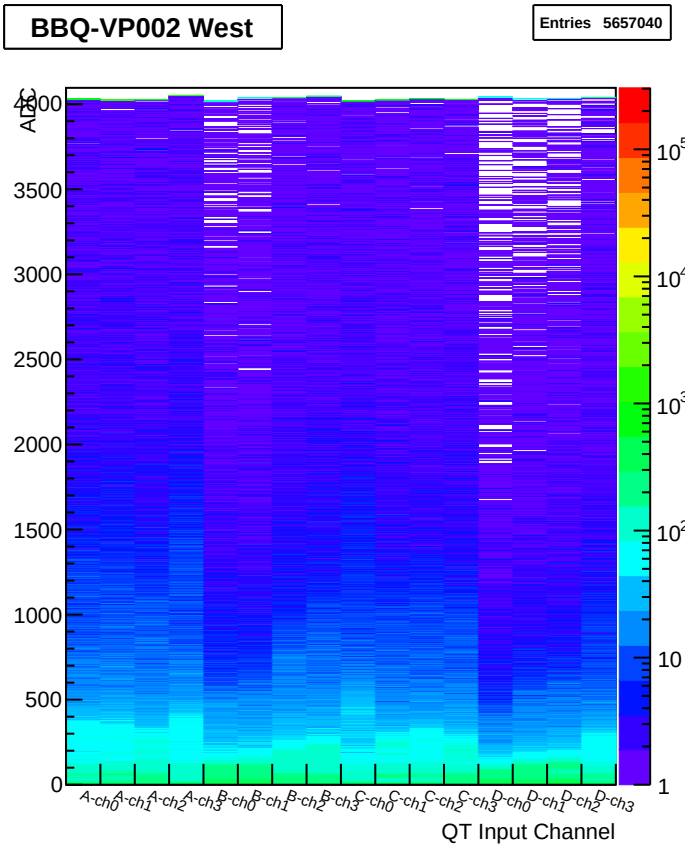

BBQ-BB002 (BBC west small tiles TAC)
Entries 5657040
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

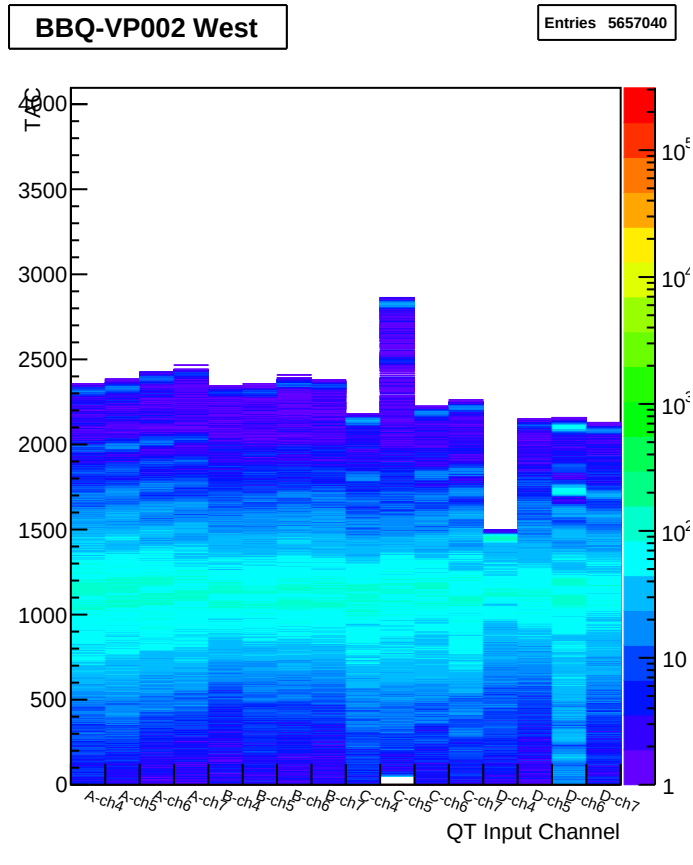

BBQ-ZD001 (ZDC TOWER)
Entries 5657040
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

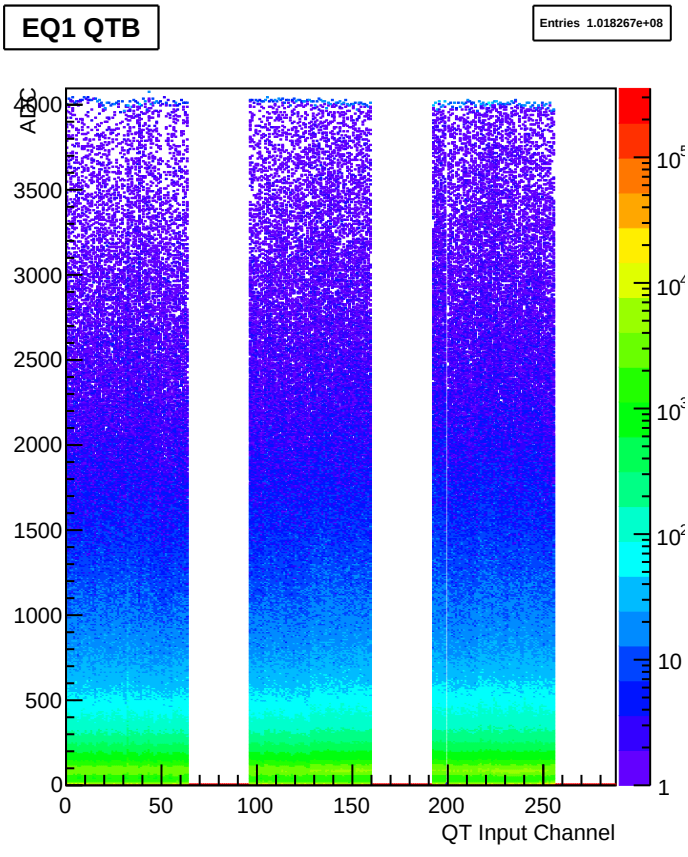

BBQ-ZD001 (ZDC TOWER)
Entries 5657040
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

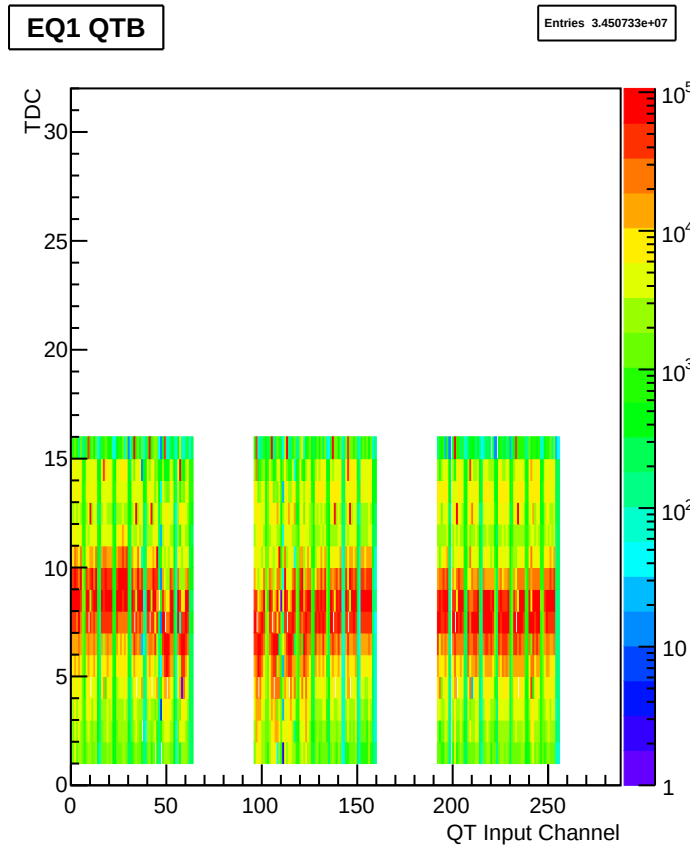

BBQ-VP001 East
Entries 5657040
ADC
QT Input Channel

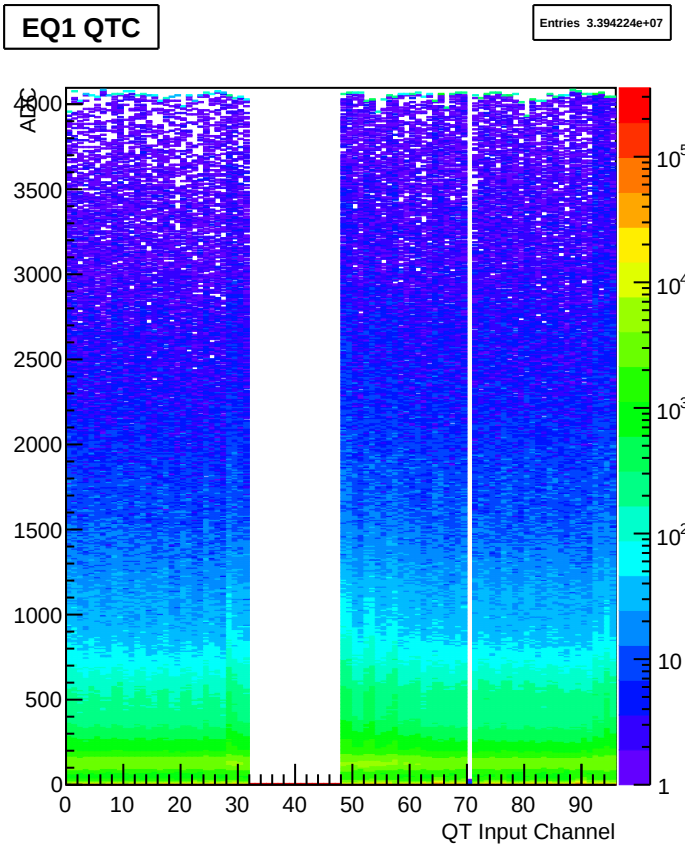

BBQ-VP001 East
Entries 5657040
ADC
QT Input Channel

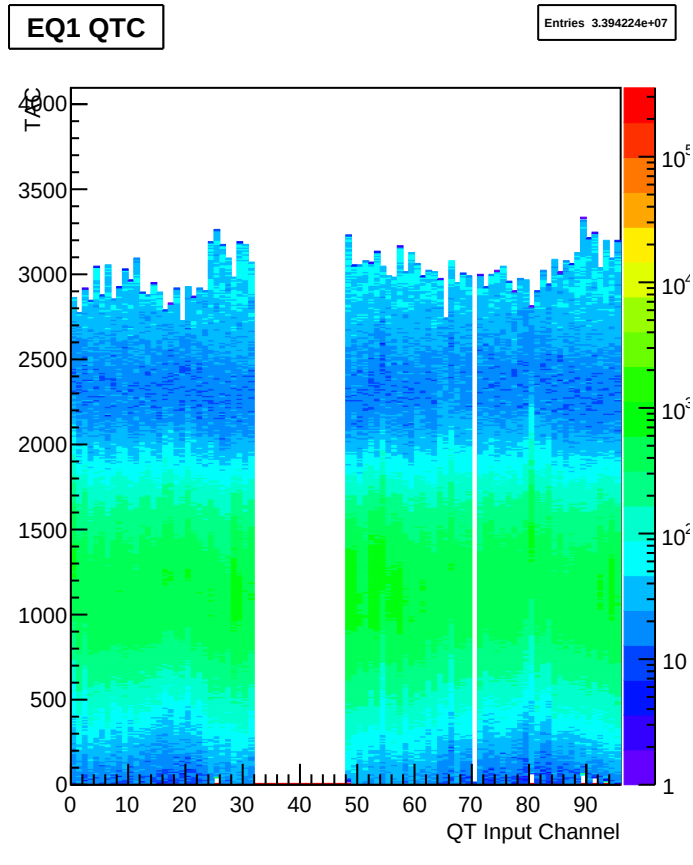

BBQ-VP002 West
Entries 5657040
ADC
QT Input Channel

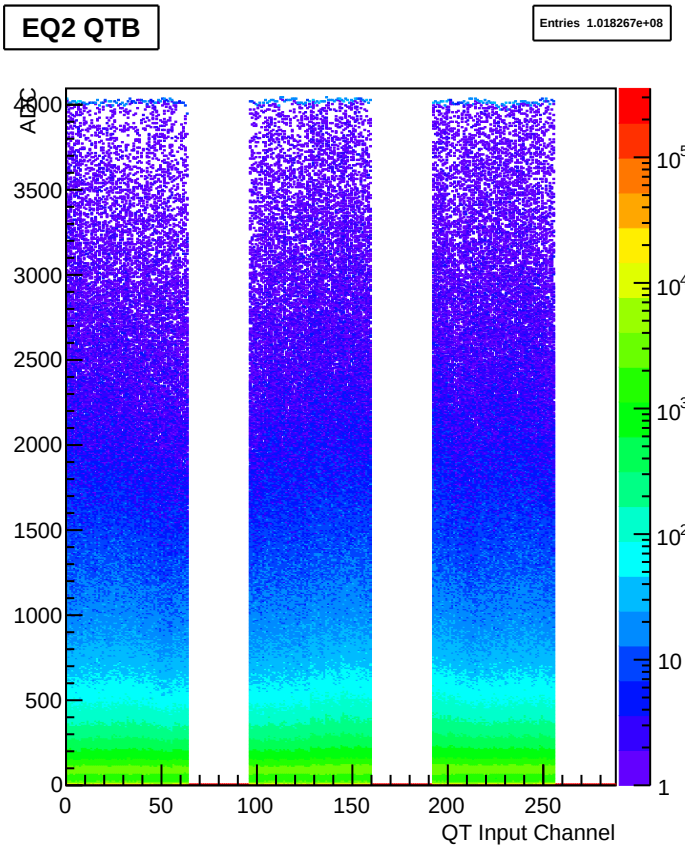

BBQ-VP002 West
Entries 5657040
ADC
QT Input Channel

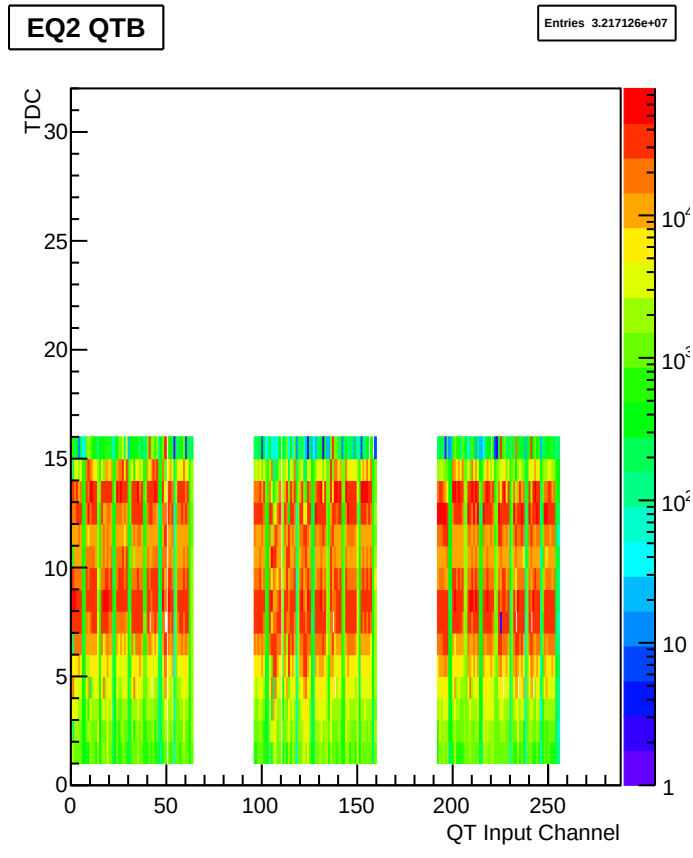

EQ1 QTB
Entries 1.018267e+08
ADC
QT Input Channel

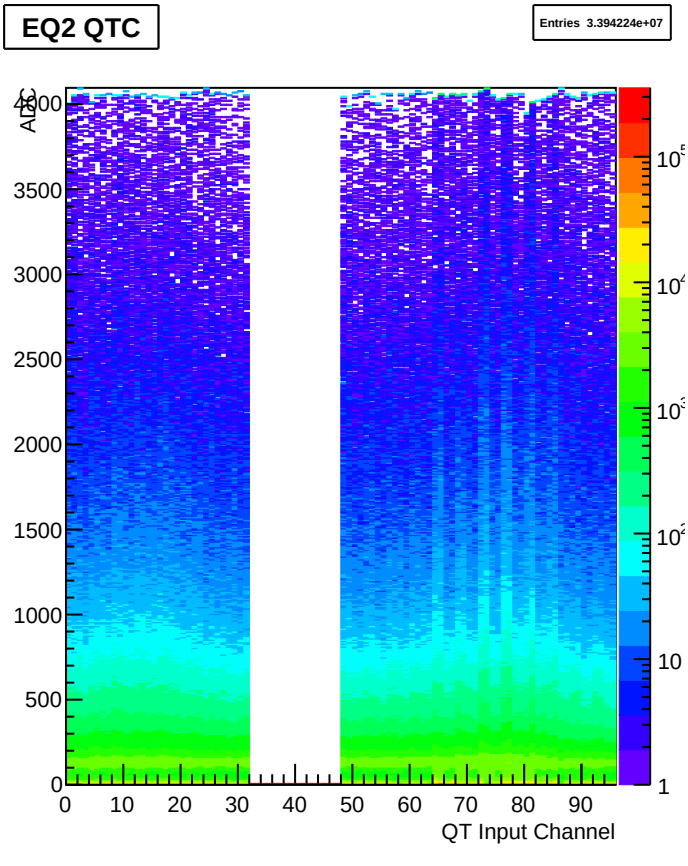

EQ1 QTB
Entries 3.450733e+07
TDC
QT Input Channel

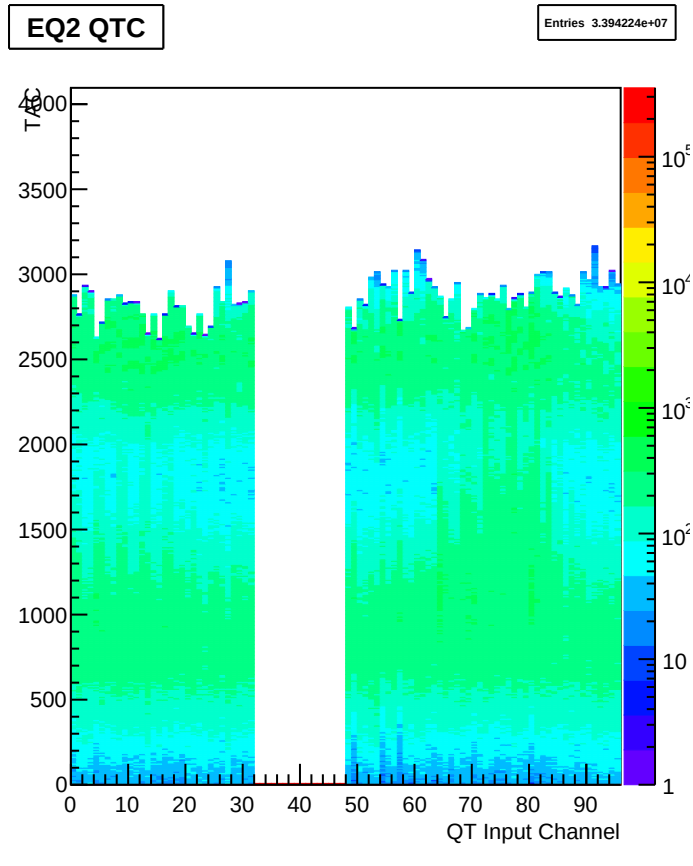

EQ1 QTC
Entries 3.394224e+07
ADC
QT Input Channel

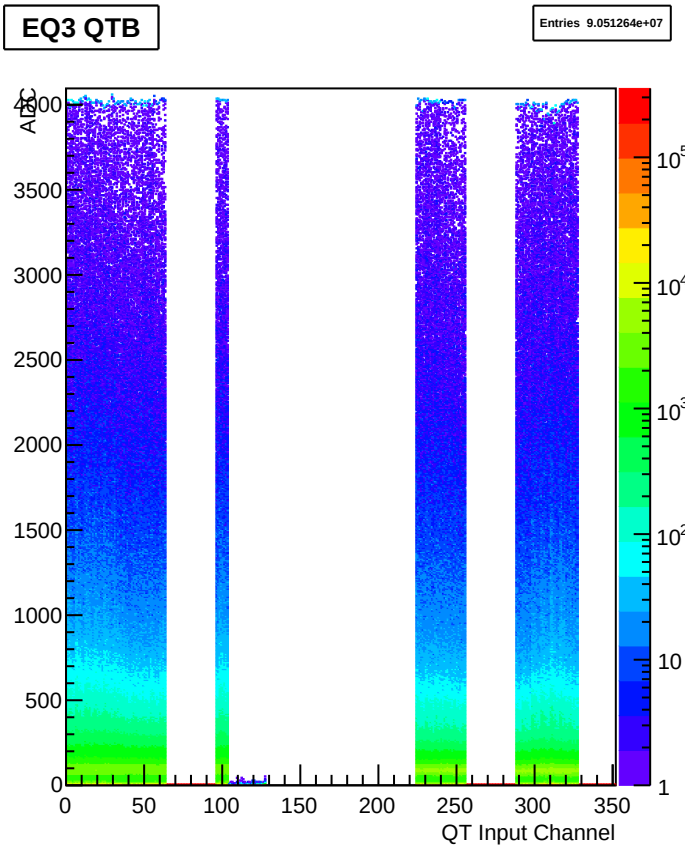

EQ1 QTC
Entries 3.394224e+07
TADC
QT Input Channel

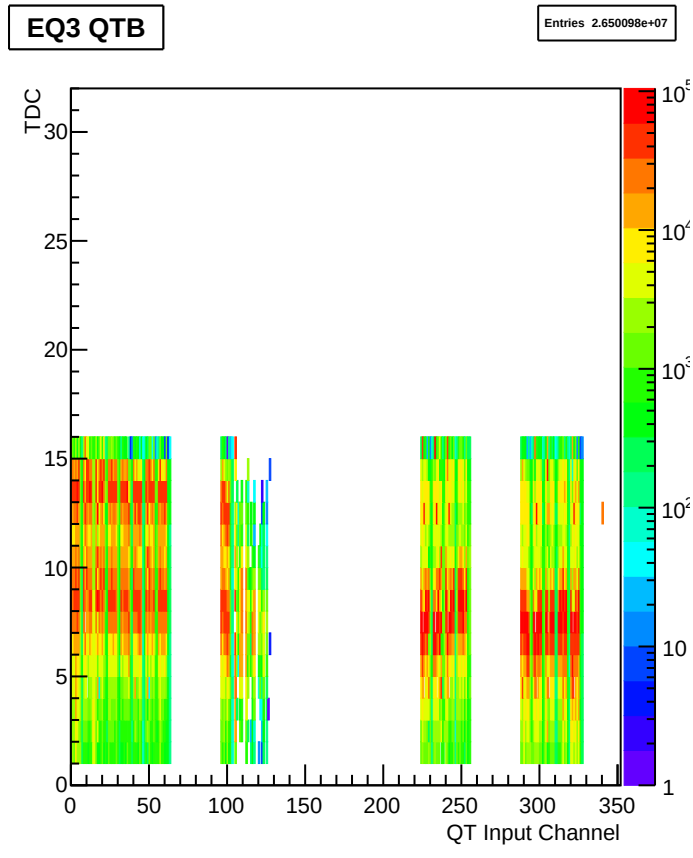

EQ2 QTB
Entries 1.018267e+08
ADC
QT Input Channel

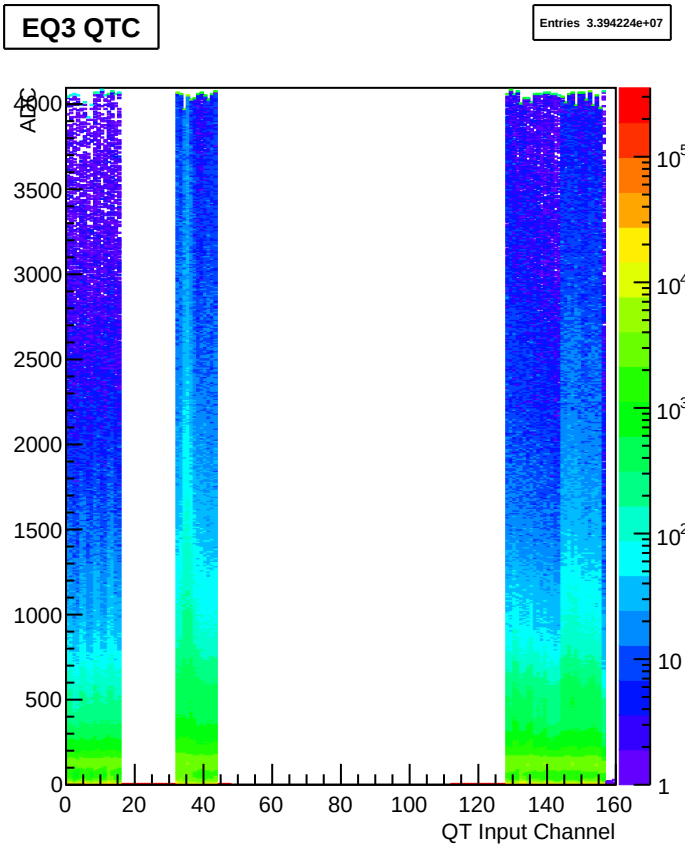

EQ2 QTB
Entries 3.217126e+07
TDC
QT Input Channel

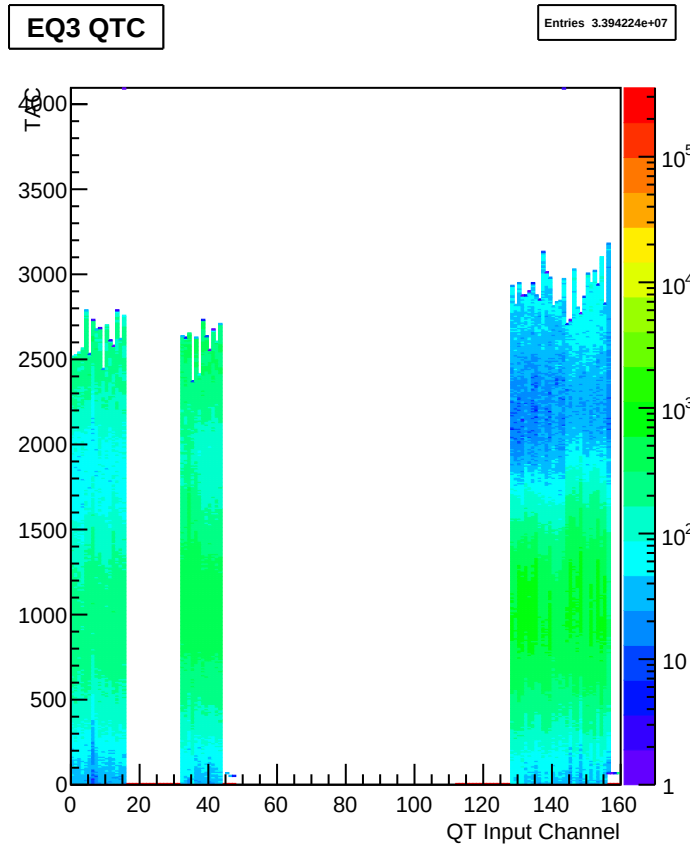

EQ2 QTC
Entries 3.394224e+07
ADC
QT Input Channel

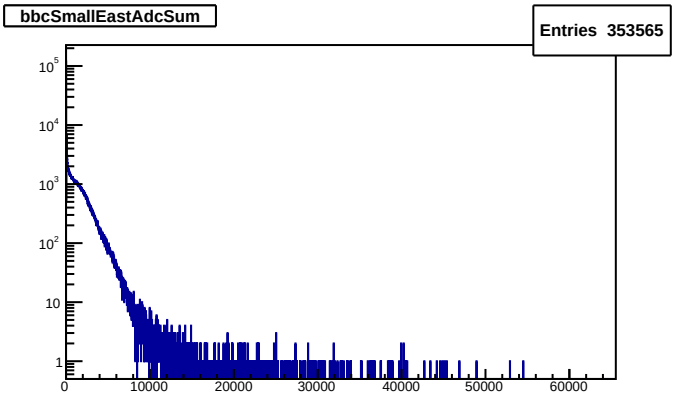

EQ2 QTC
Entries 3.394224e+07
TADC
QT Input Channel

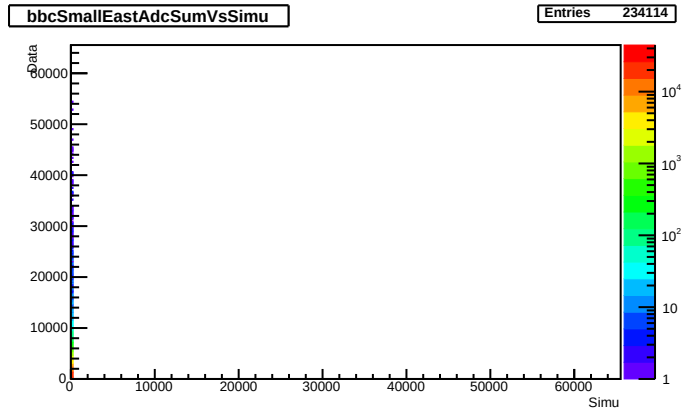

EQ3 QTB
Entries 9.051264e+07
ADC
QT Input Channel

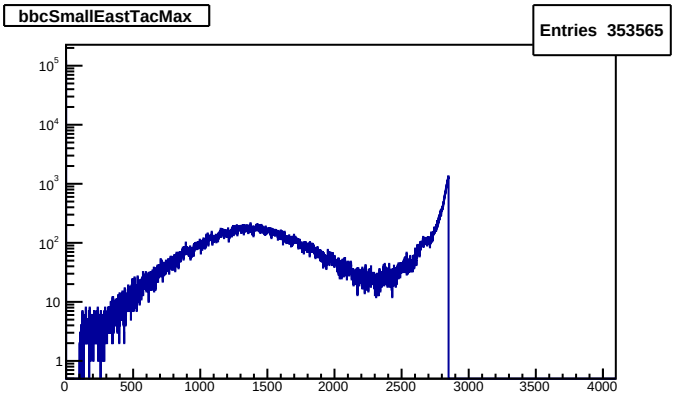

EQ3 QTB
Entries 2.650098e+07
TDC
QT Input Channel

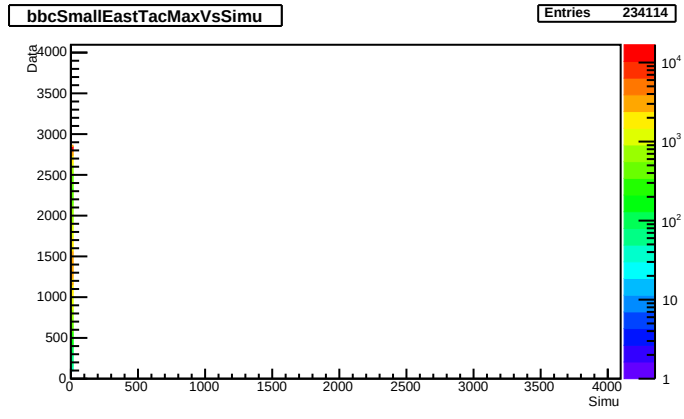

EQ3 QTC
Entries 3.394224e+07
ADC
QT Input Channel

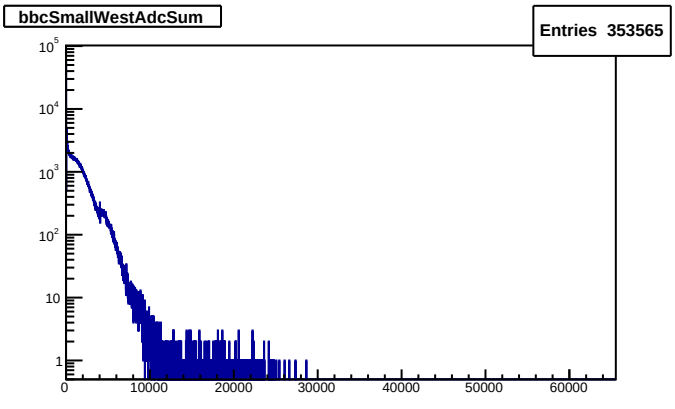

EQ3 QTC
Entries 3.394224e+07
TADC
QT Input Channel

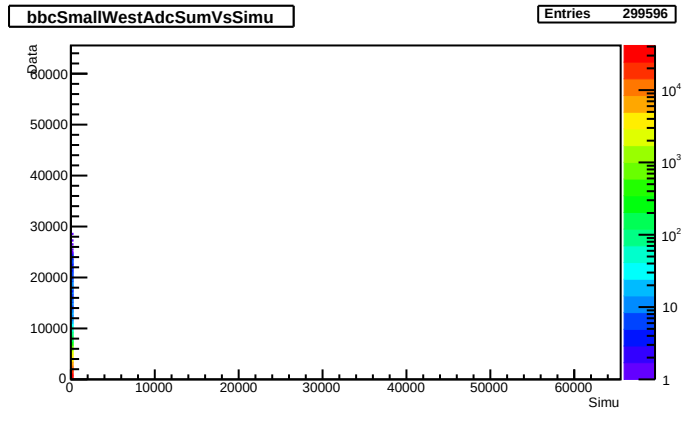

bbcSmallEastAdcSum
Entries 353565


bbcSmallEastAdcSumVsSimu
Entries 234114
Data
Simu


bbcSmallEastTacMax
Entries 353565


bbcSmallEastTacMaxVsSimu
Entries 234114
Data
Simu


bbcSmallWestAdcSum
Entries 353565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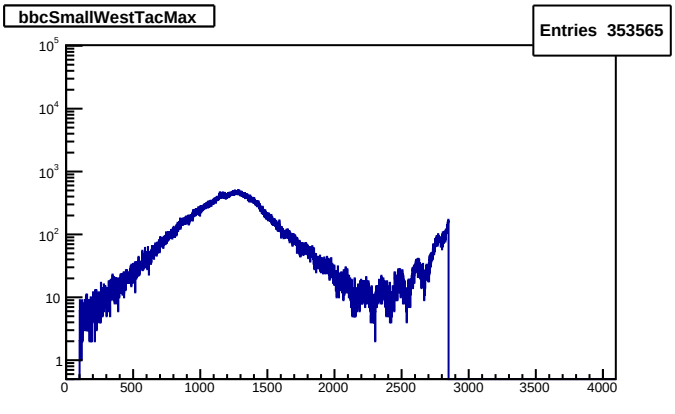
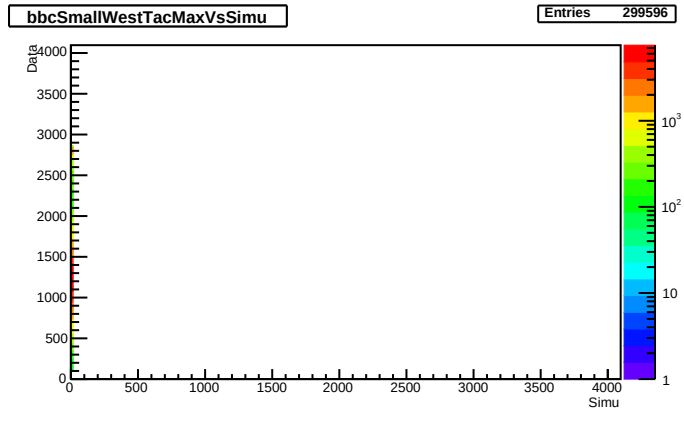
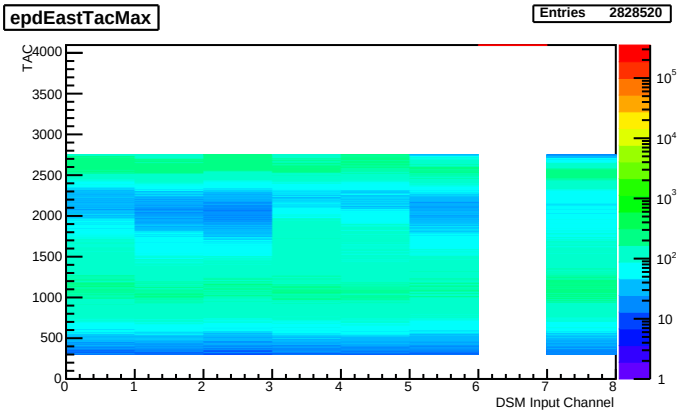
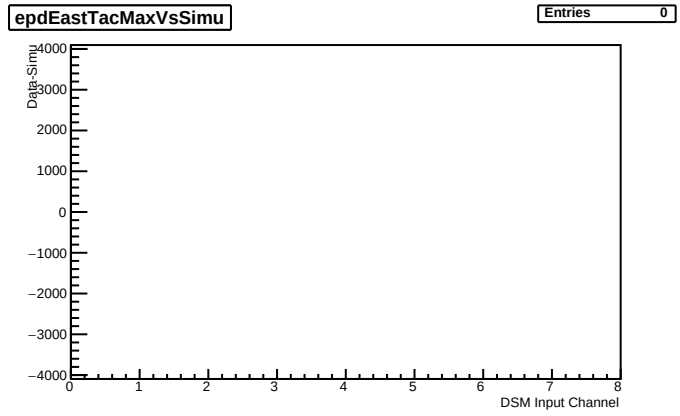
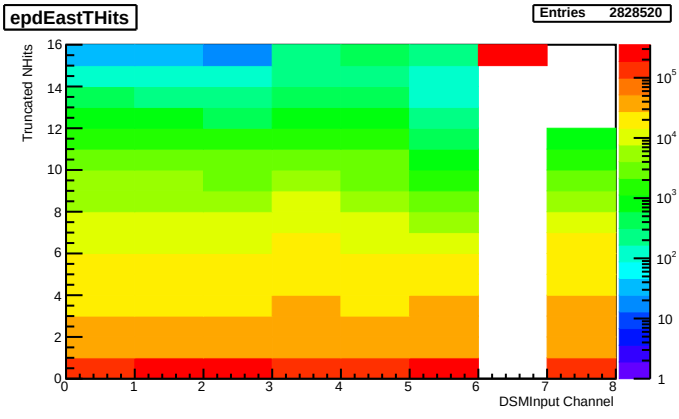
Entries 299596
Data
Simu

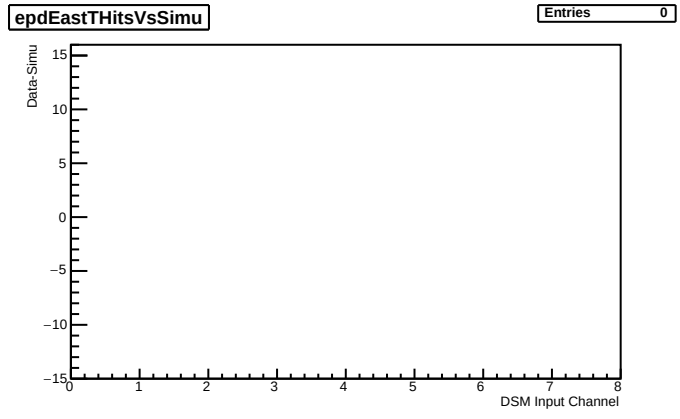

bbcSmallWestTacMax
Entries 353565


bbcSmallWestTacMaxVsSimu
Entries 299596
Data
Simu


epdEastTacMax
Entries 2828520
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2828520
Truncated NHits
DSMInput Channel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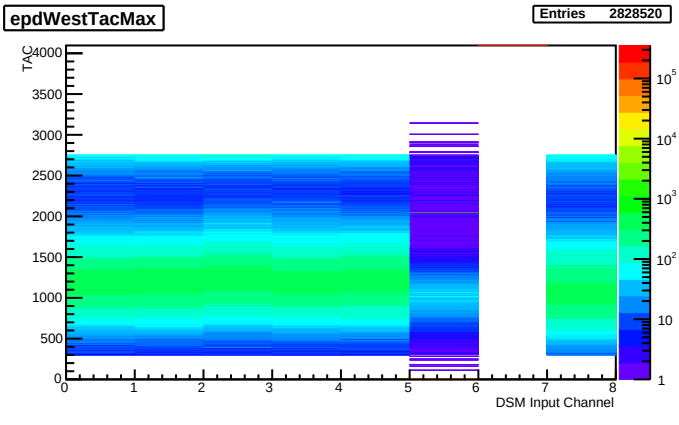
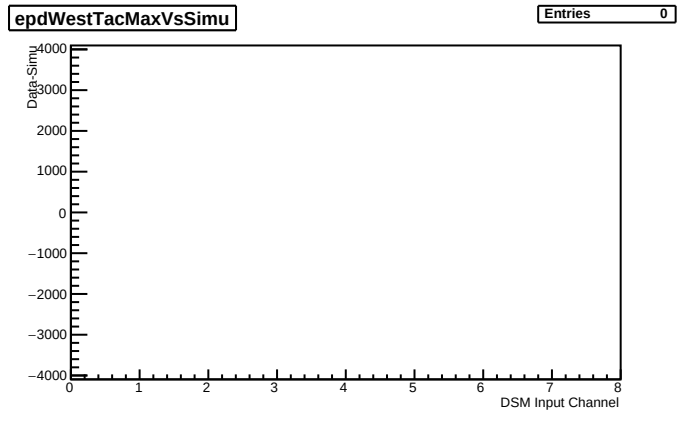
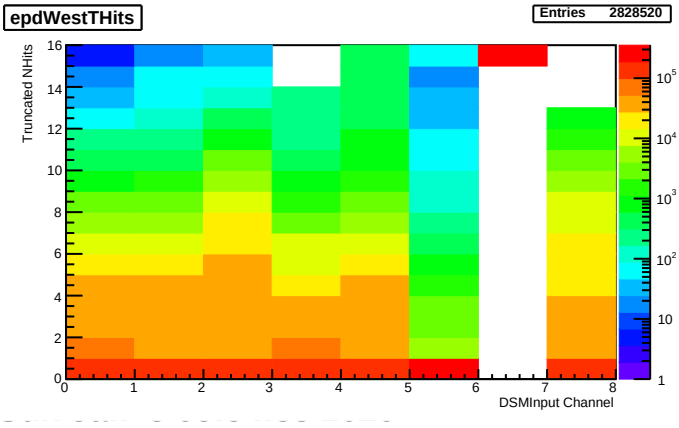
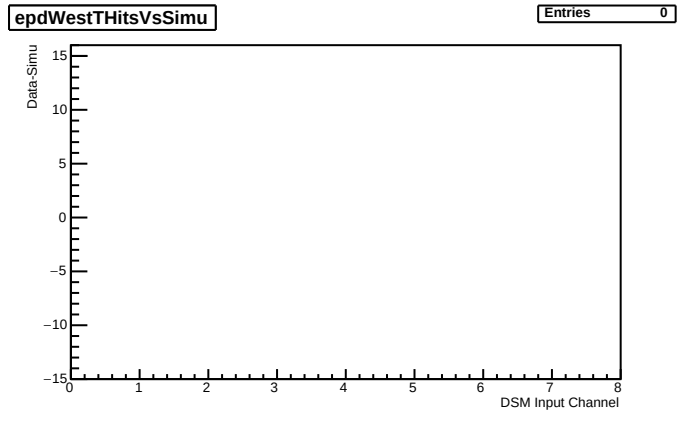
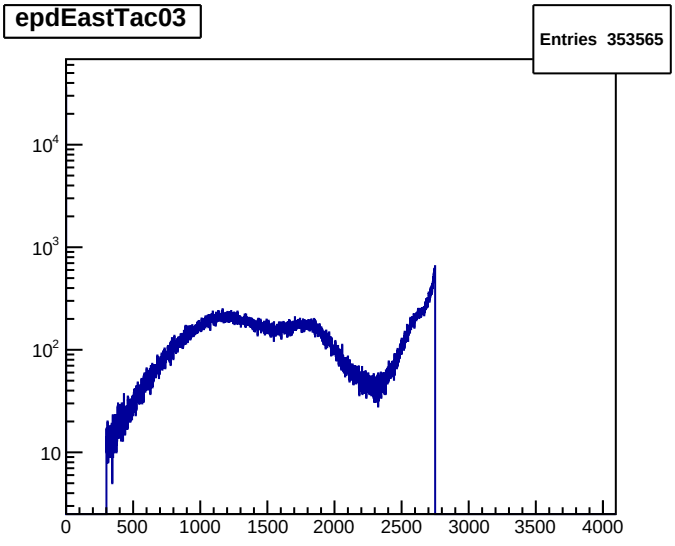
Entries 0
Data-Simu
DSM Input Channel

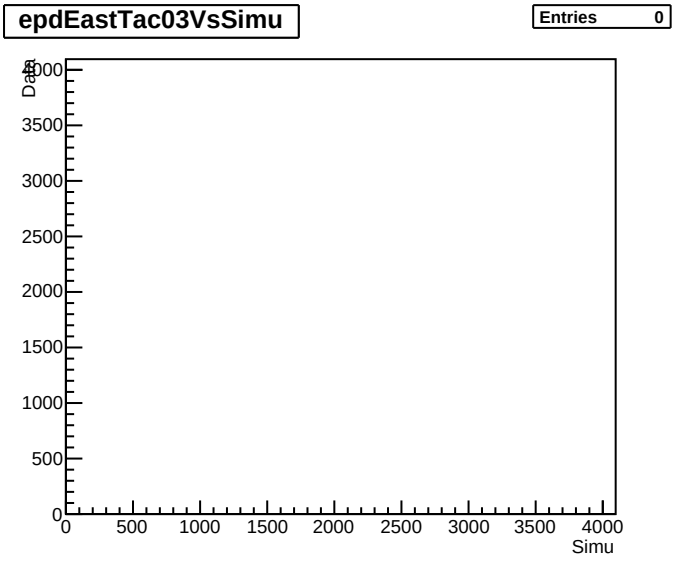

epdWestTacMax
Entries 2828520
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2828520
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 353565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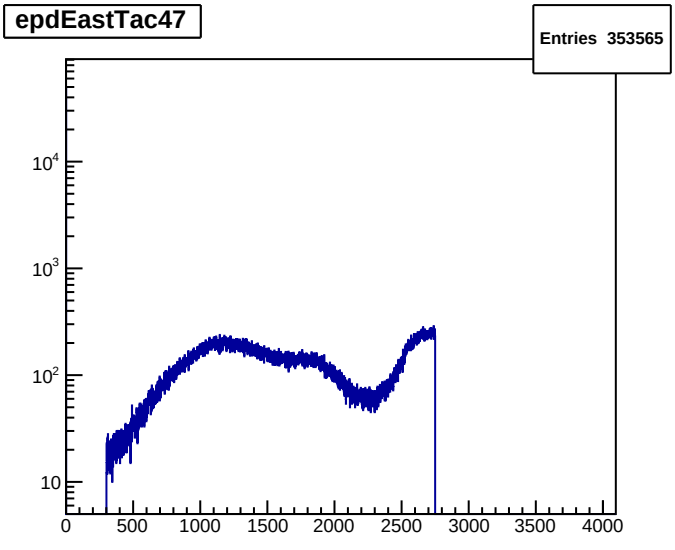
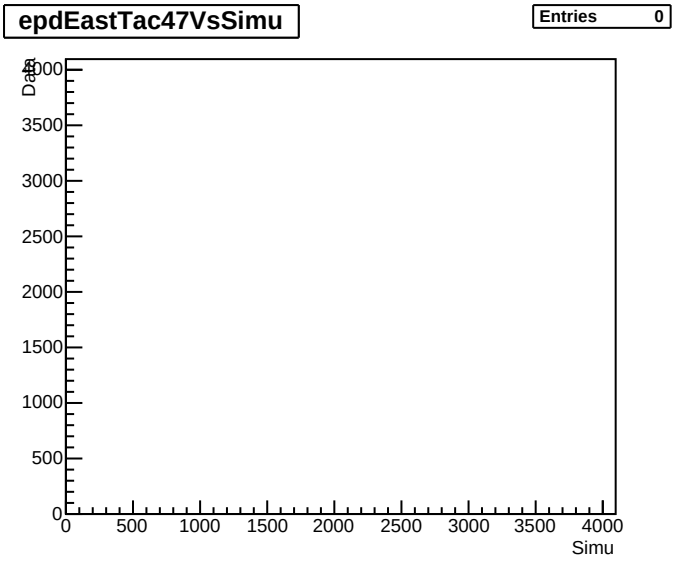
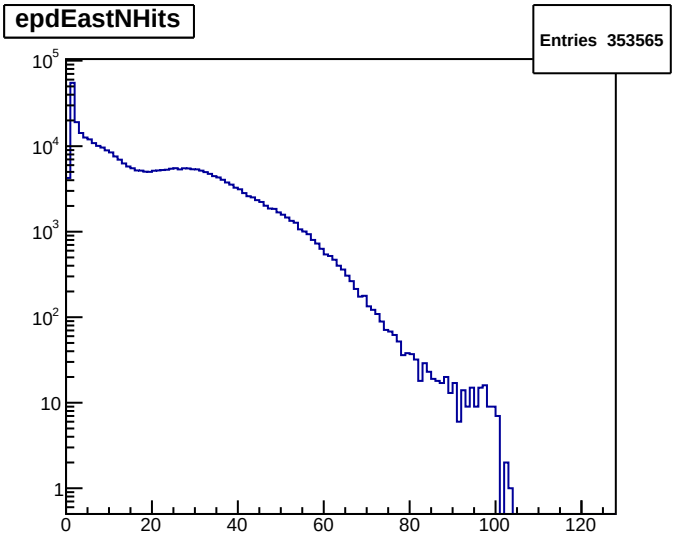
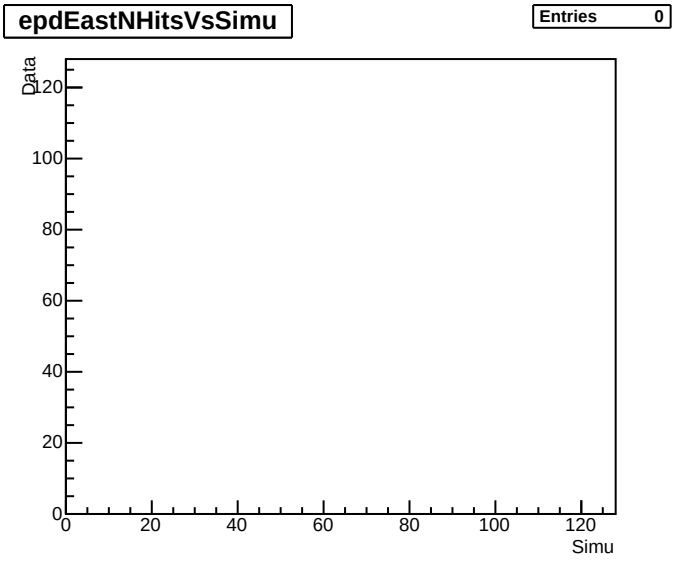
Entries 0
Data
Simu


epdEastTac47
Entries 353565


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 353565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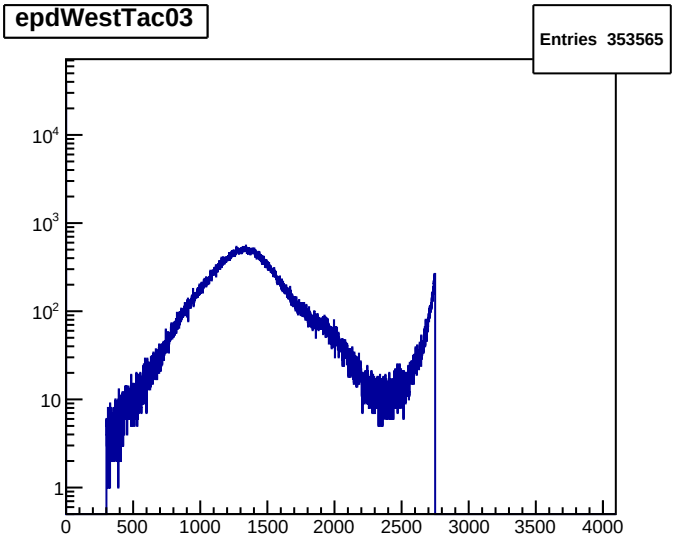
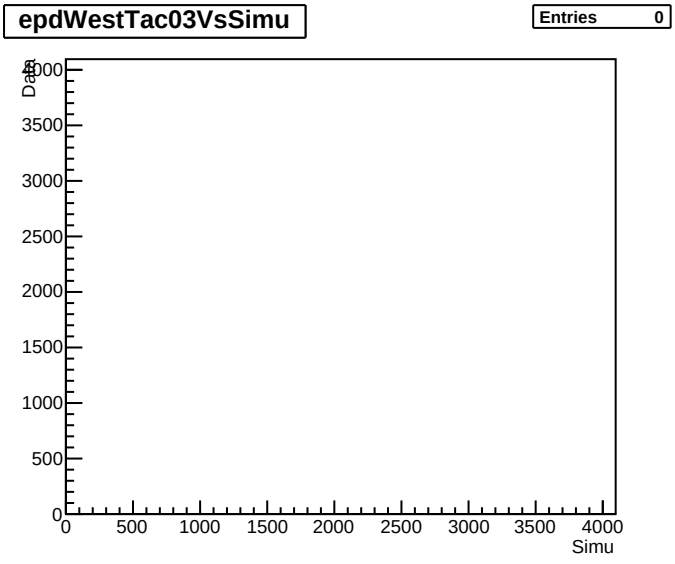
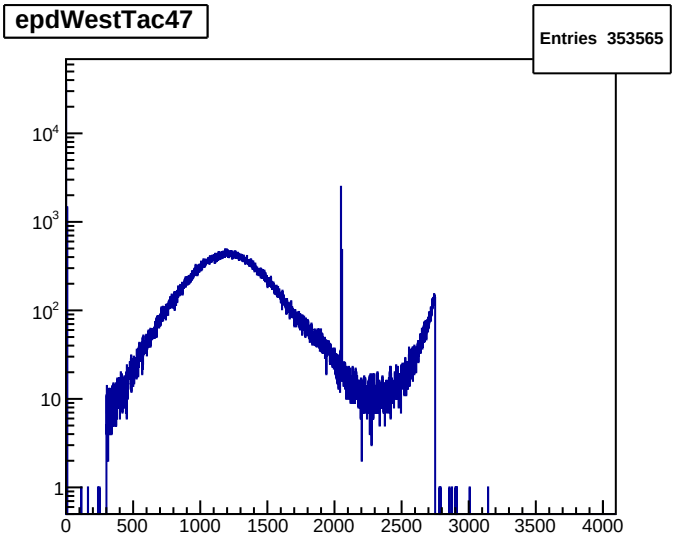
Entries 0
Data
Simu


epdWestTac03
Entries 353565


epdWestTac03VsSimu
Entries 0
Data
Simu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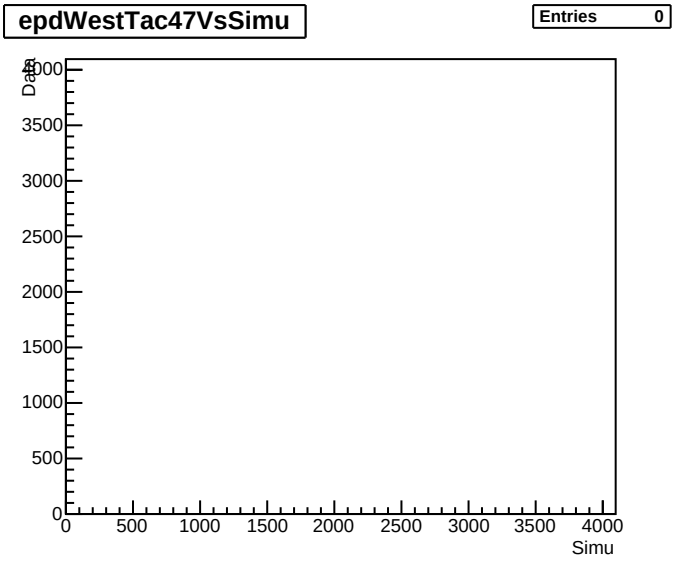
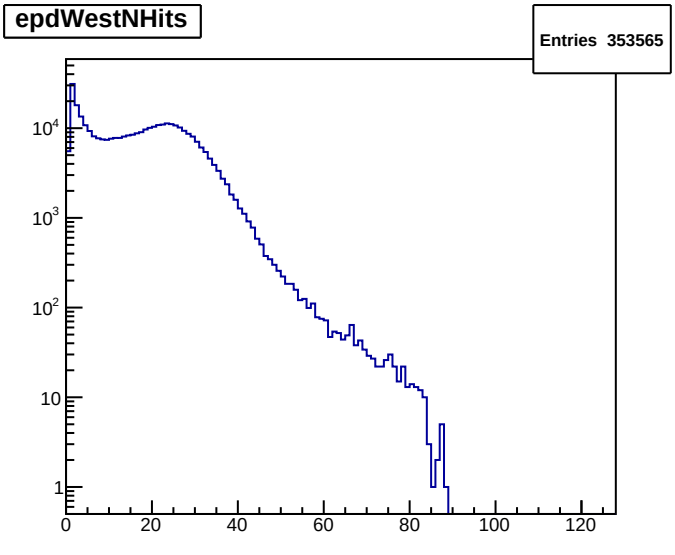
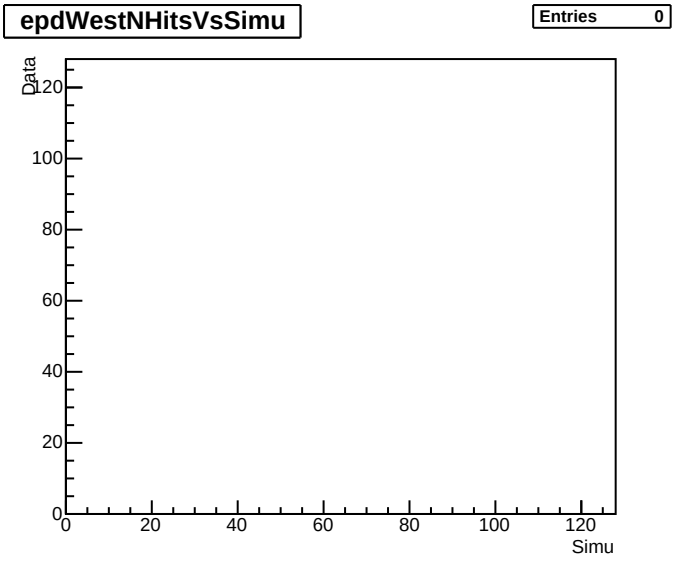
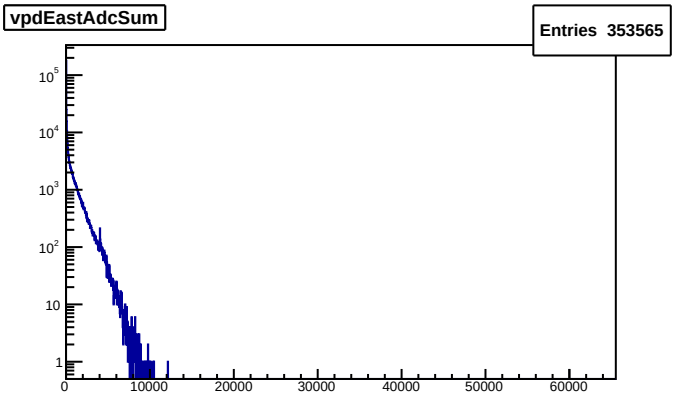
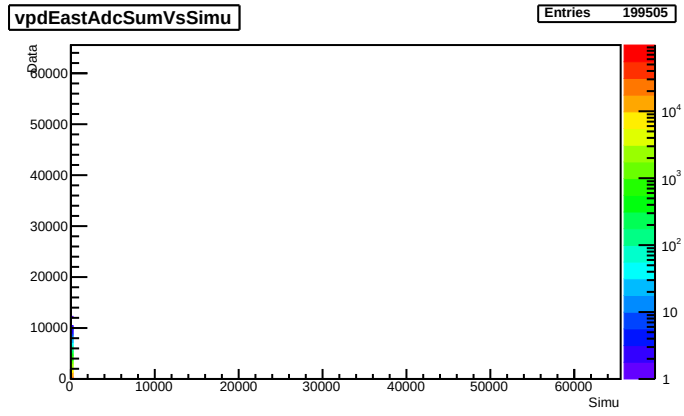
Entries 353565

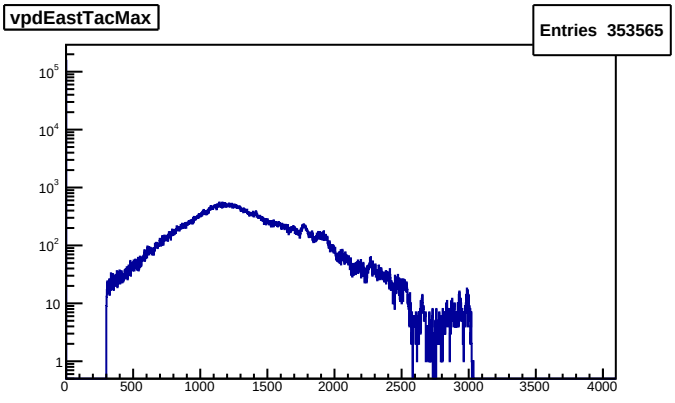

epdWestTac47VsSimu
Entries 0
Data
Simu

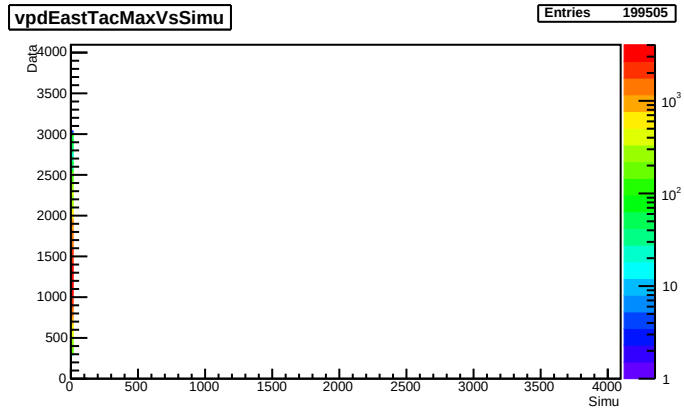

epdWestNHits
Entries 353565

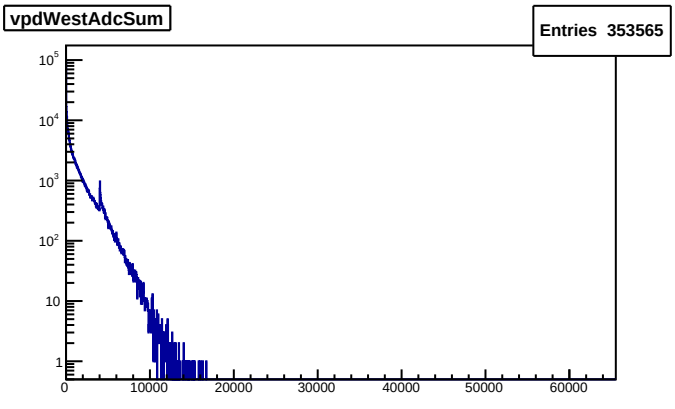

epdWestNHitsVsSimu
Entries 0
Data
Simu

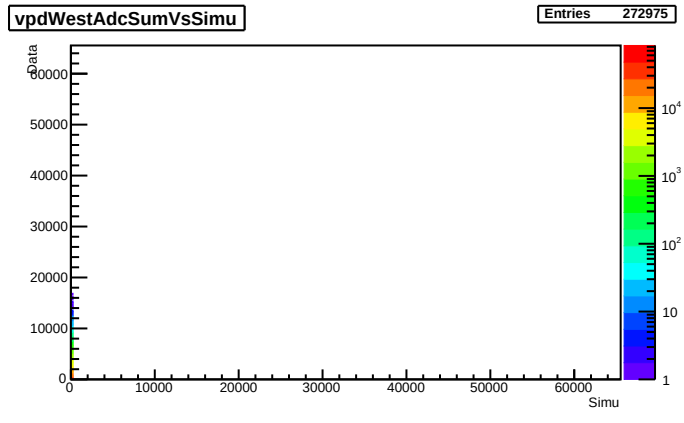

vpdEastAdcSum
Entries 353565

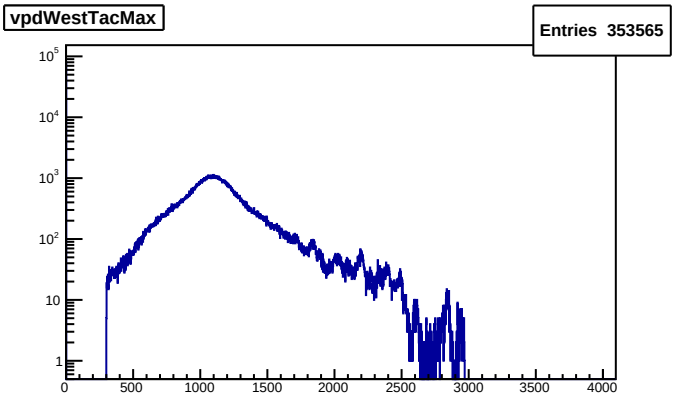

vpdEastAdcSumVsSimu
Entries 199505
Data
Simu

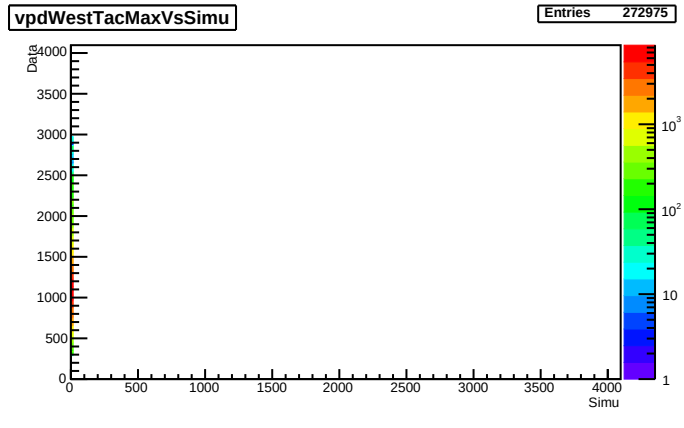

vpdEastTacMax
Entries 353565

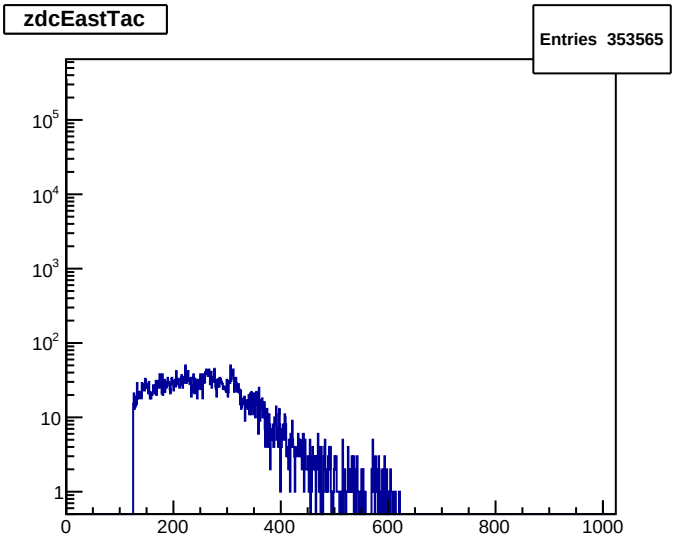

vpdEastTacMaxVsSimu
Entries 199505
Data
Simu

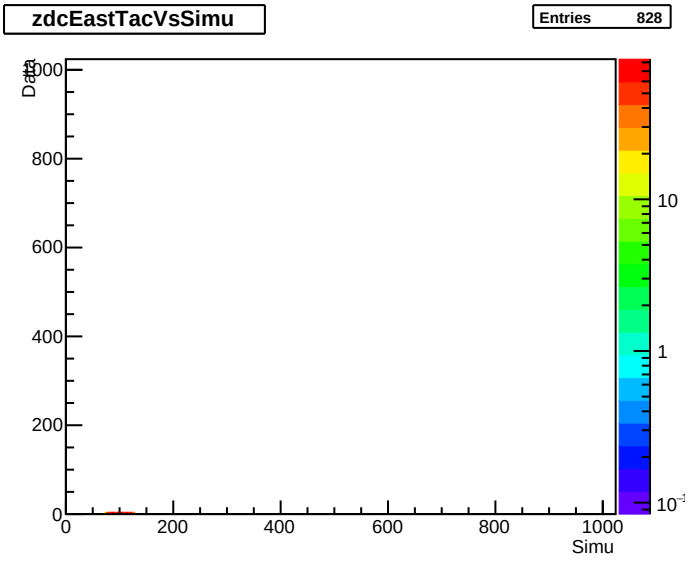

vpdWestAdcSum
Entries 353565

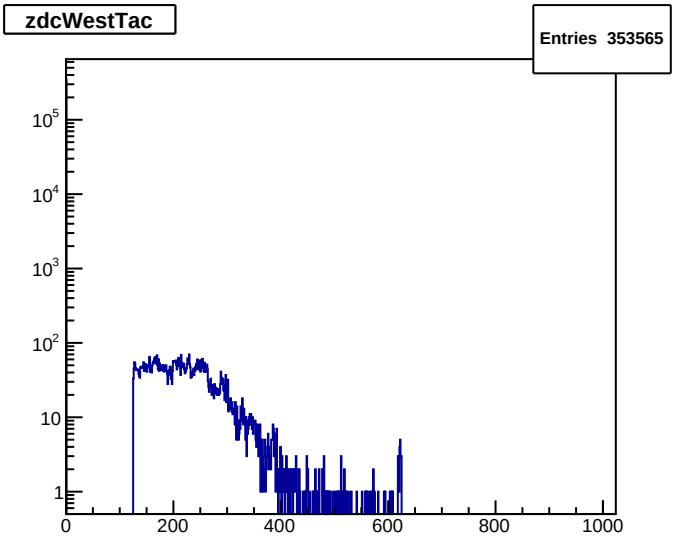

vpdWestAdcSumVsSimu
Entries 272975
Data
Simu

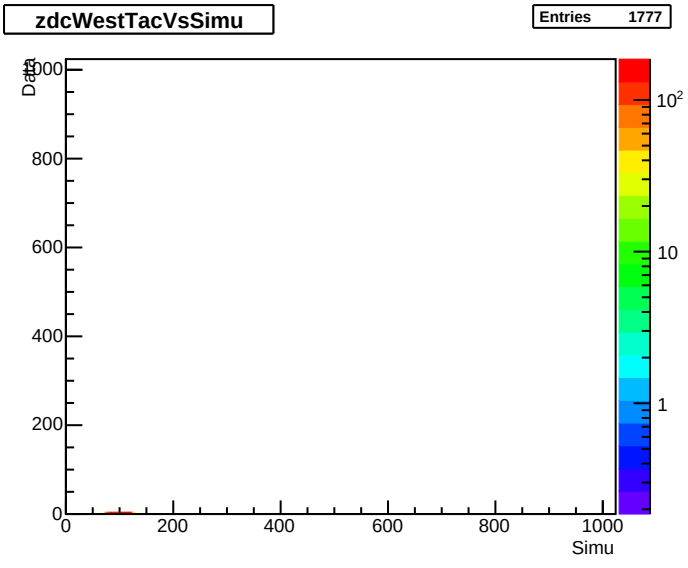

vpdWestTacMax
Entries 353565

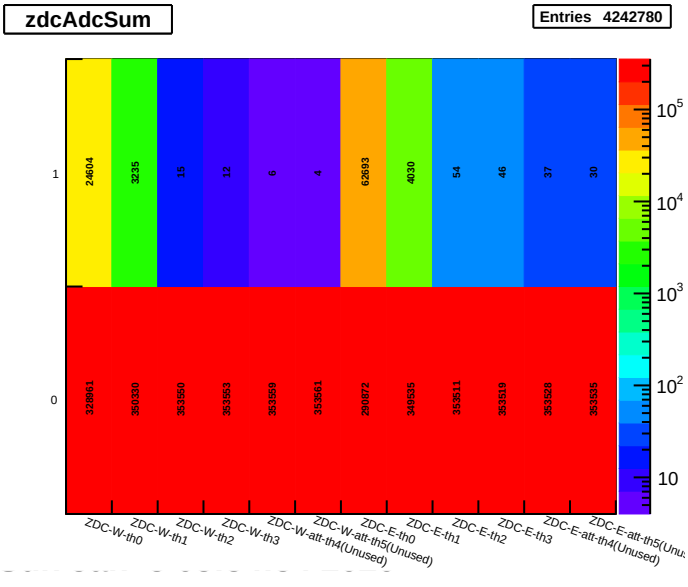

vpdWestTacMaxVsSimu
Entries 272975
Data
Simu

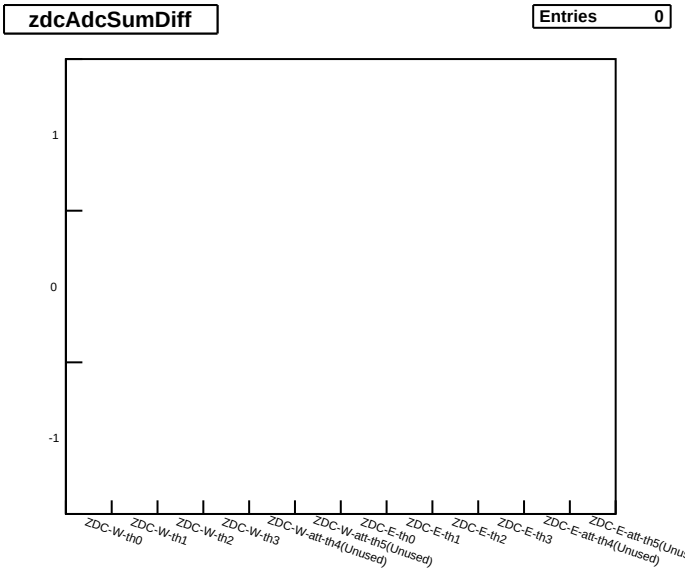

zdcEastTac
Entries 353565

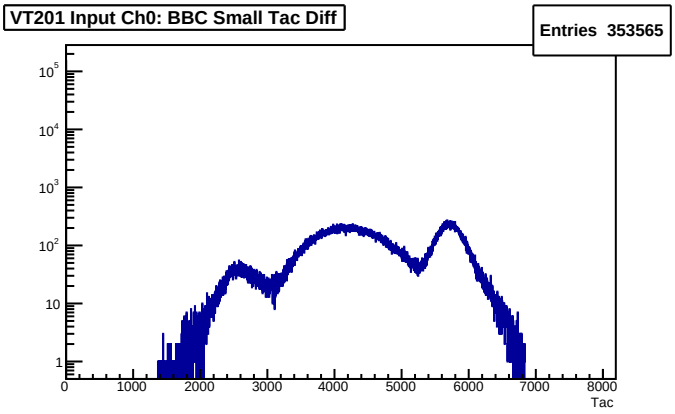

zdcEastTacVsSimu
Entries 828
Data
Simu

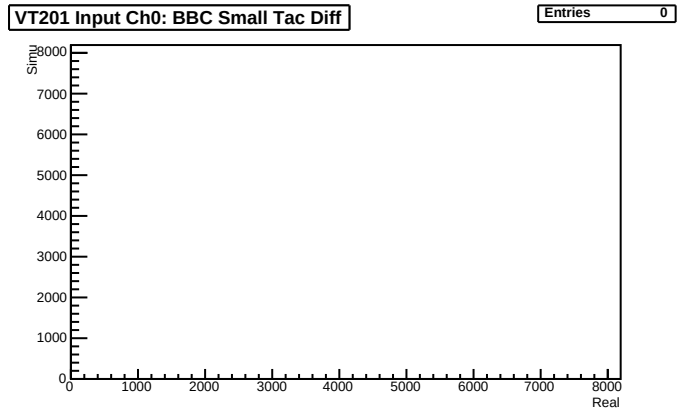

zdcWestTac
Entries 353565

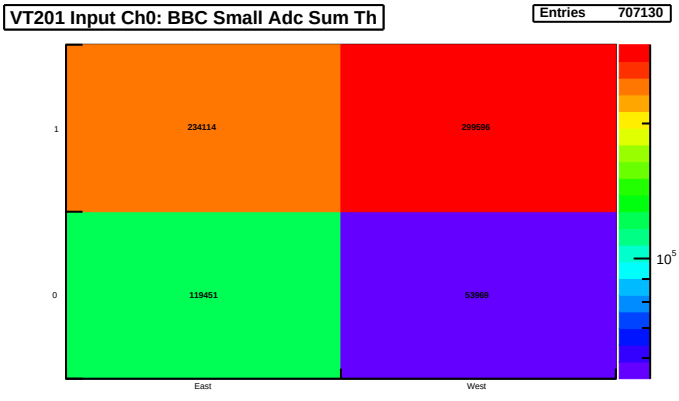

zdcWestTacVsSimu
Entries 1777
Data
Simu

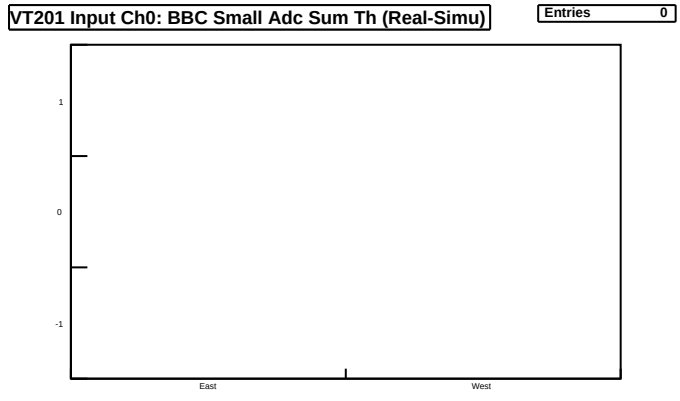

zdcAdcSum
Entries 4242780
24604
3235
15
12
6
4
62693
4030
54
46
37
30
328661
350330
353550
353553
353559
353561
290872
349535
353511
353519
353528
353535
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

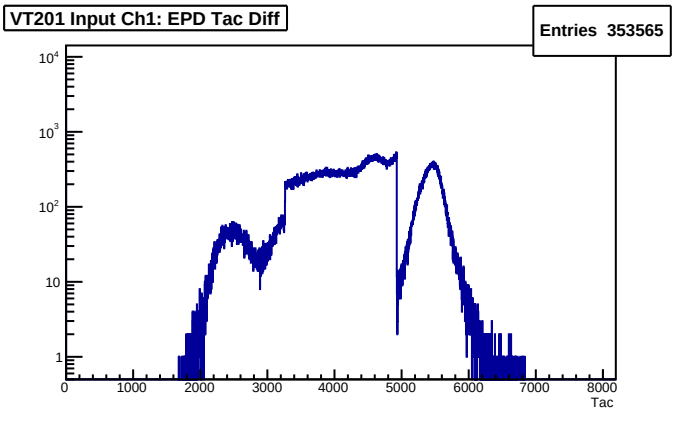

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

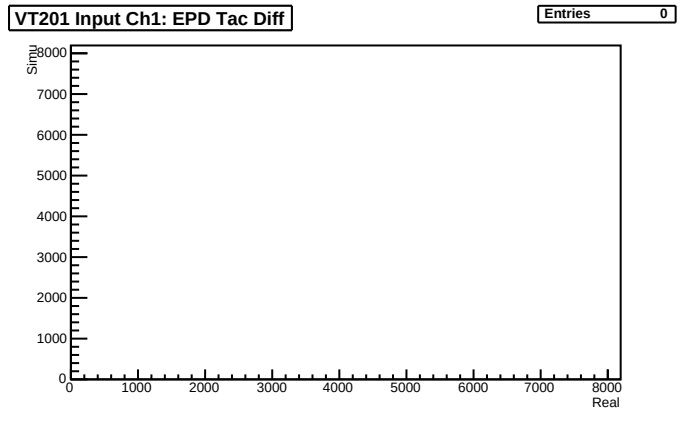

VT201 Input Ch0: BBC Small Tac Diff
Entries 353565
Tac

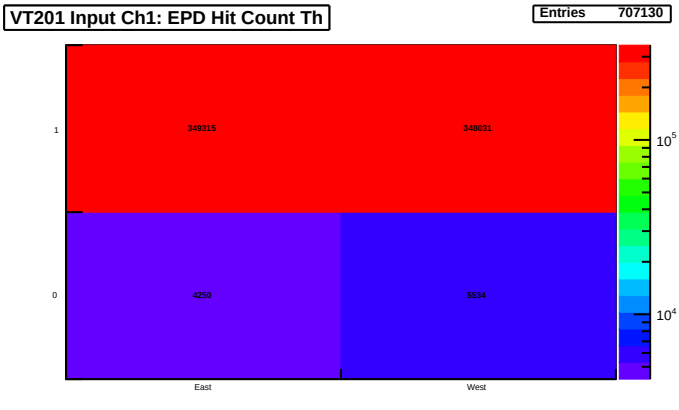

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

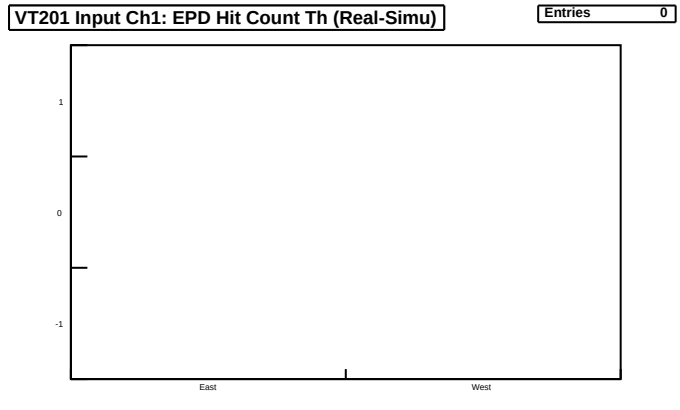

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 707130
234114
299596
119451
53969
East
West

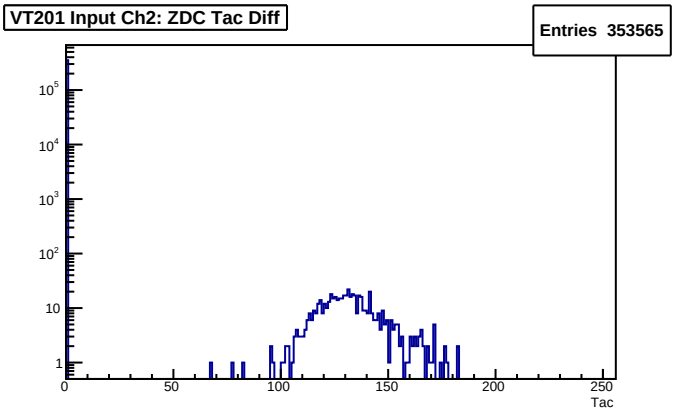

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

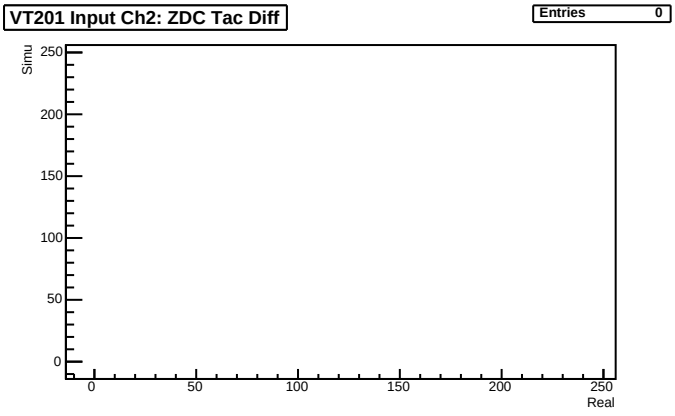

VT201 Input Ch1: EPD Tac Diff
Entries 353565
Tac

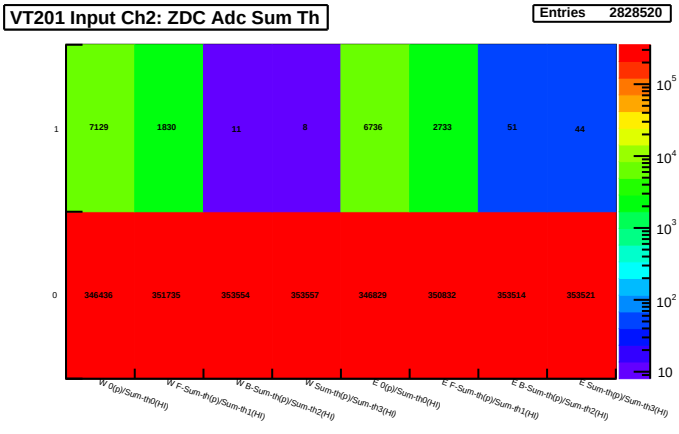

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

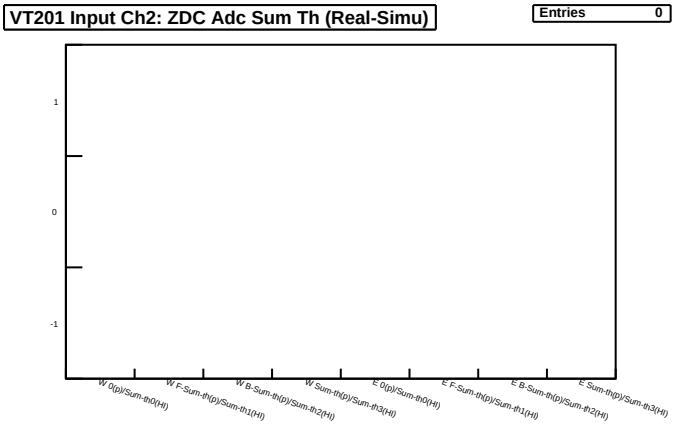

VT201 Input Ch1: EPD Hit Count Th
Entries 707130
349315
348031
4250
5534
East
West

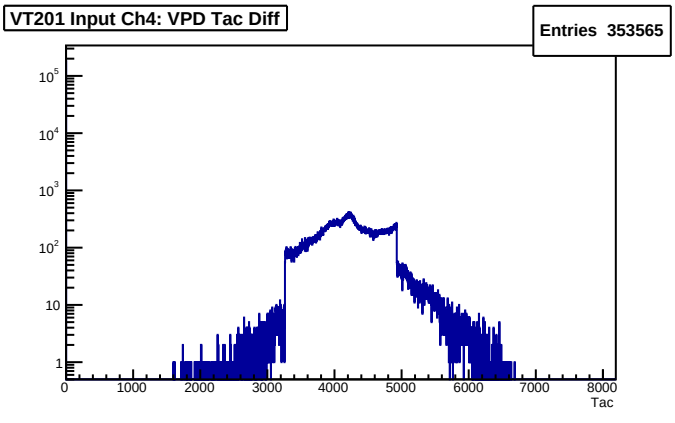

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

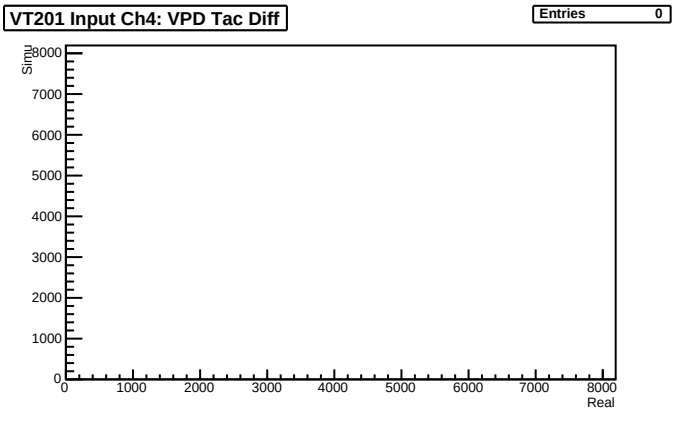

VT201 Input Ch2: ZDC Tac Diff
Entries 353565
Tac

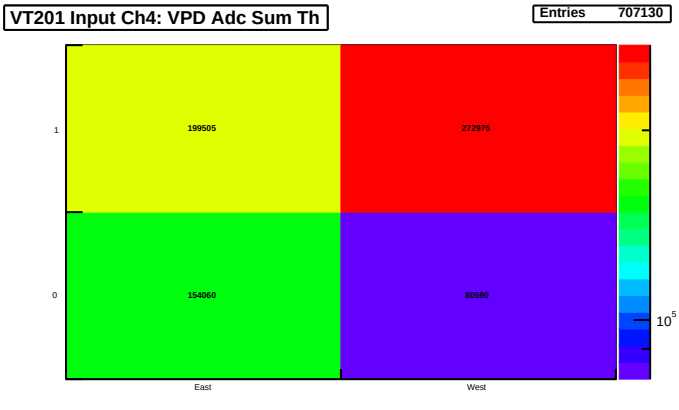

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

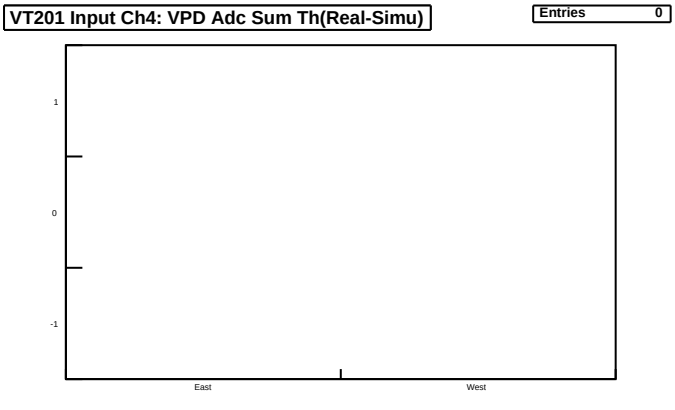

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2828520
7129
1830
11
8
6736
2733
51
44
346436
351735
353554
353557
346829
350832
353514
353521
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

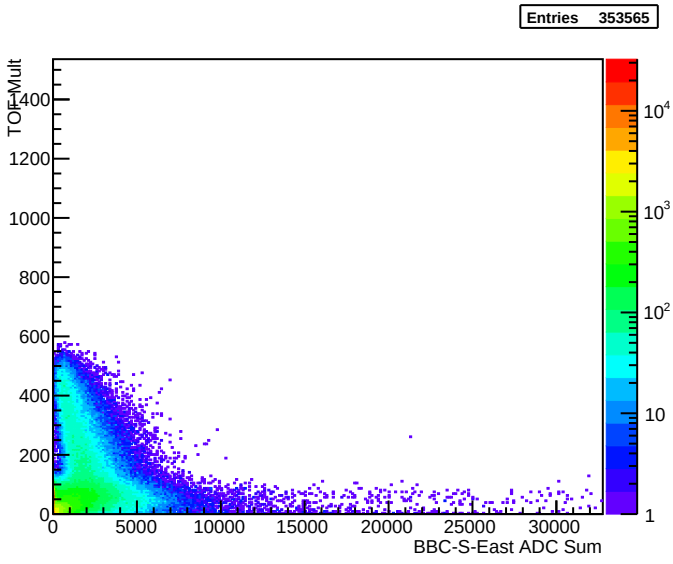

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

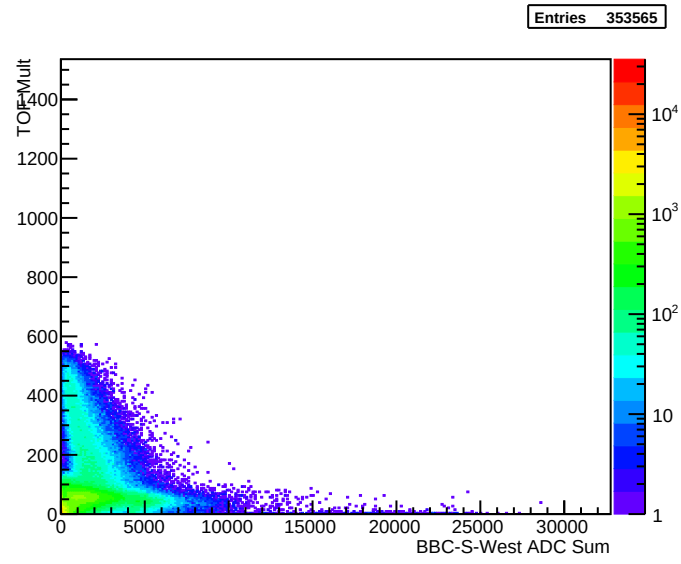

VT201 Input Ch4: VPD Tac Diff
Entries 353565
Tac

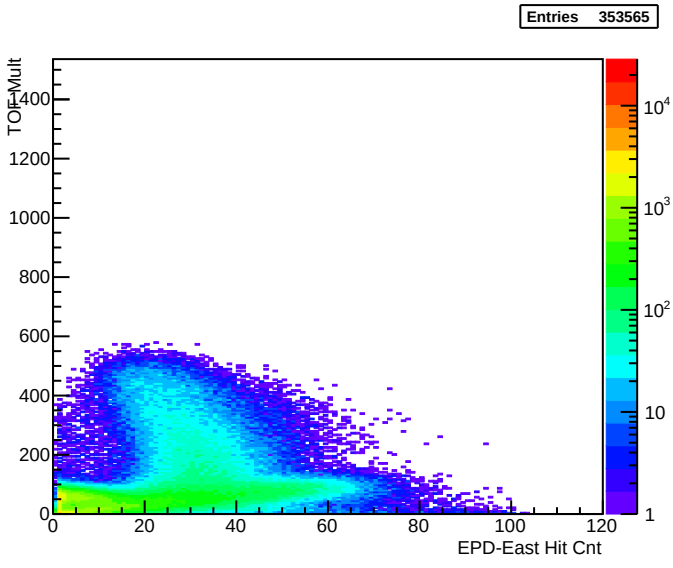

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

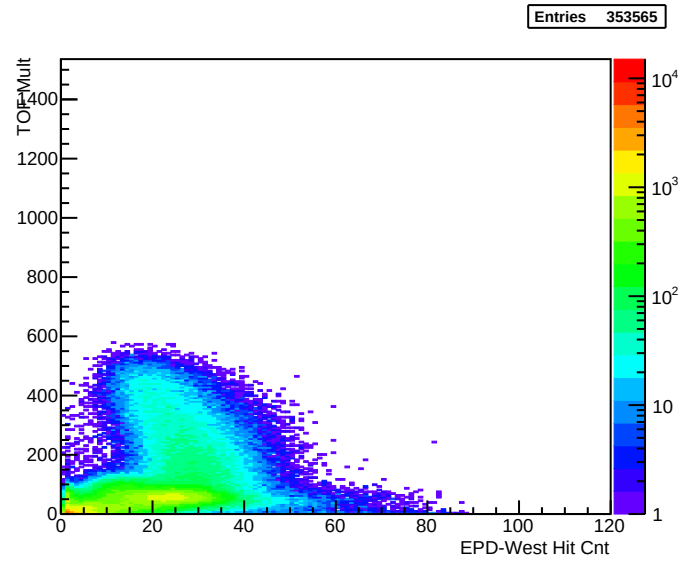

VT201 Input Ch4: VPD Adc Sum Th
Entries 707130
199505
272975
154060
80590
East
West

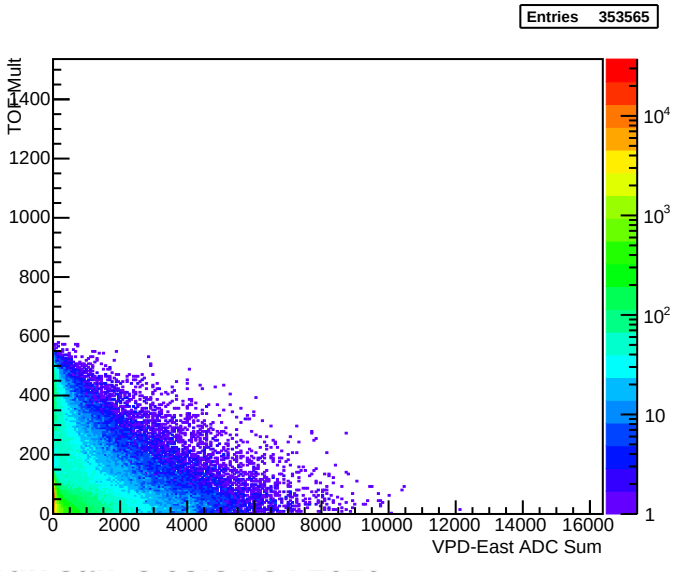

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

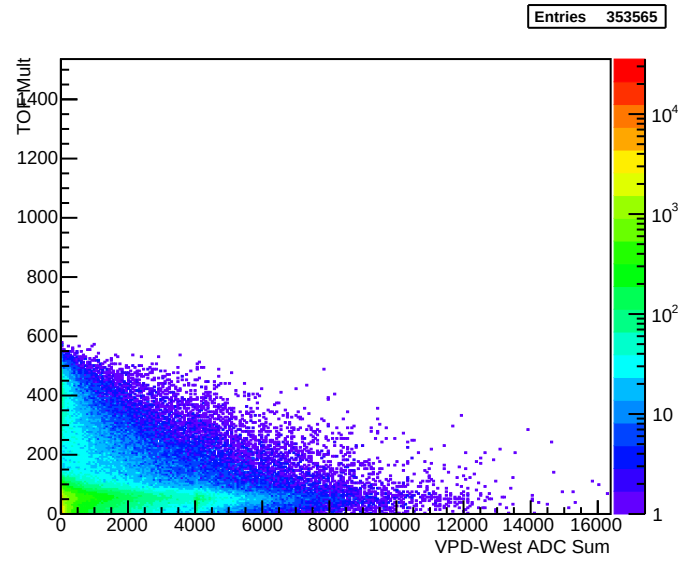

Entries 353565
TOF-Mult
BBC-S-East ADC Sum

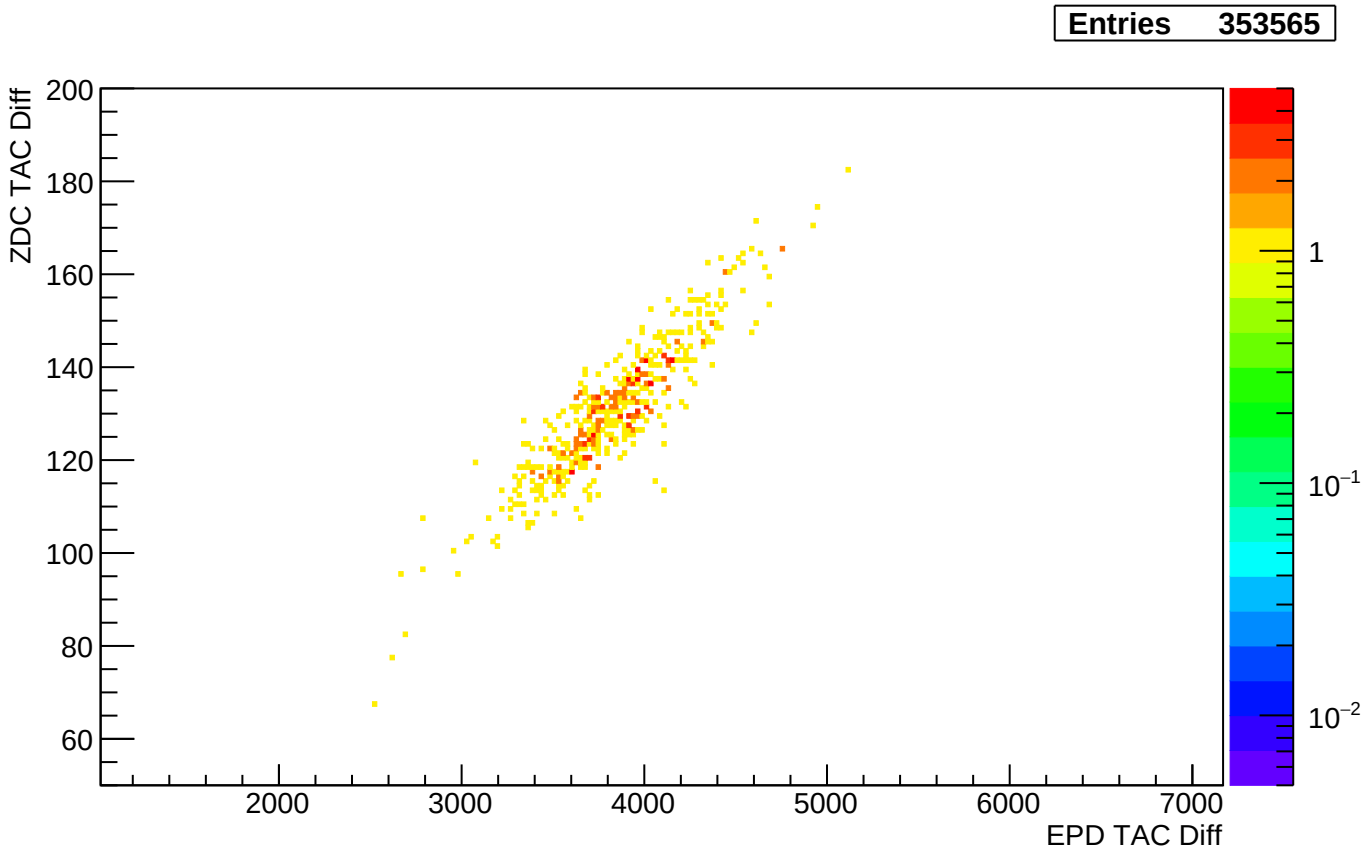

Entries 353565
TOF-Mult
BBC-S-West ADC Sum

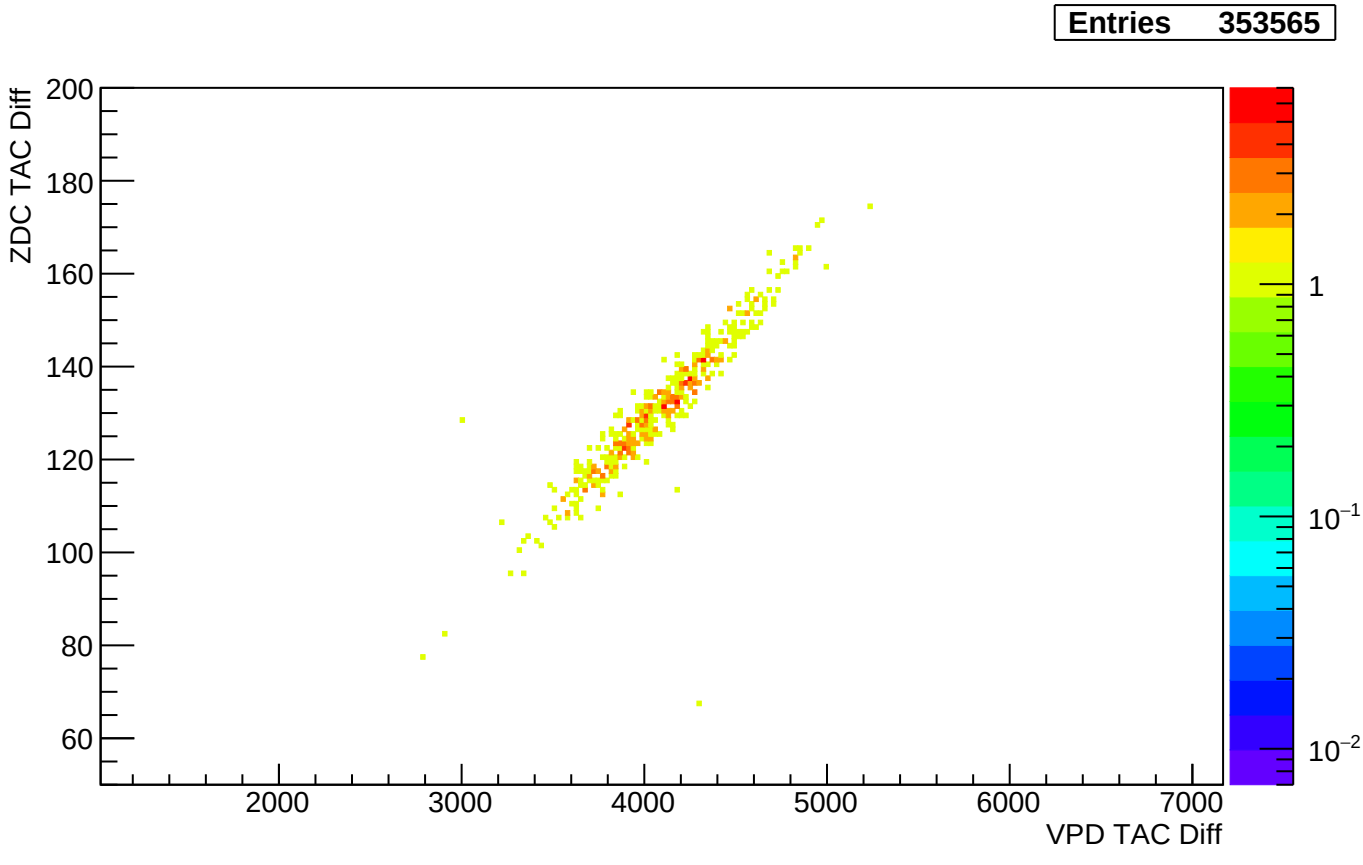

Entries 353565
TOF-Mult
EPD-East Hit Cnt

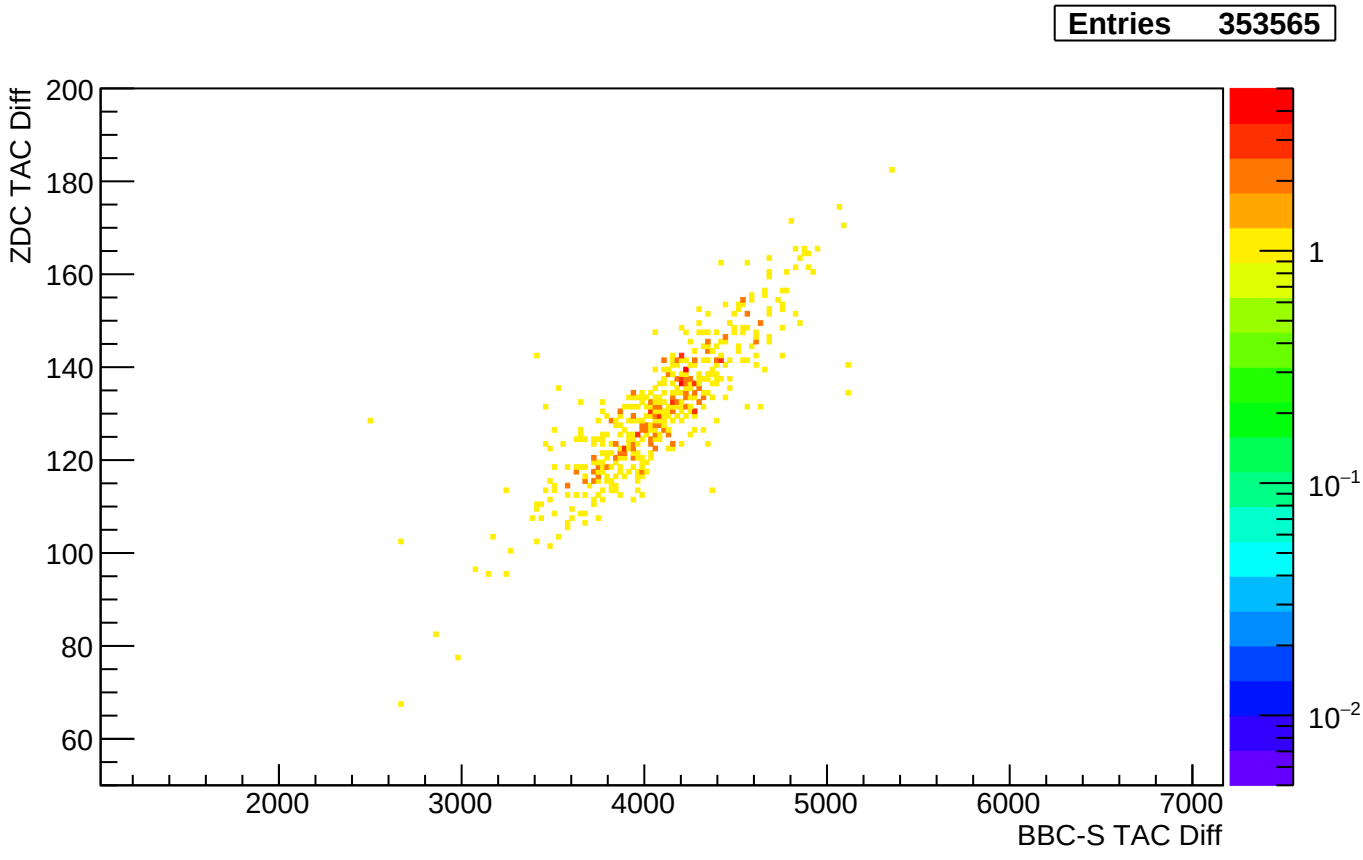

Entries 353565
TOF-Mult
EPD-West Hit Cnt

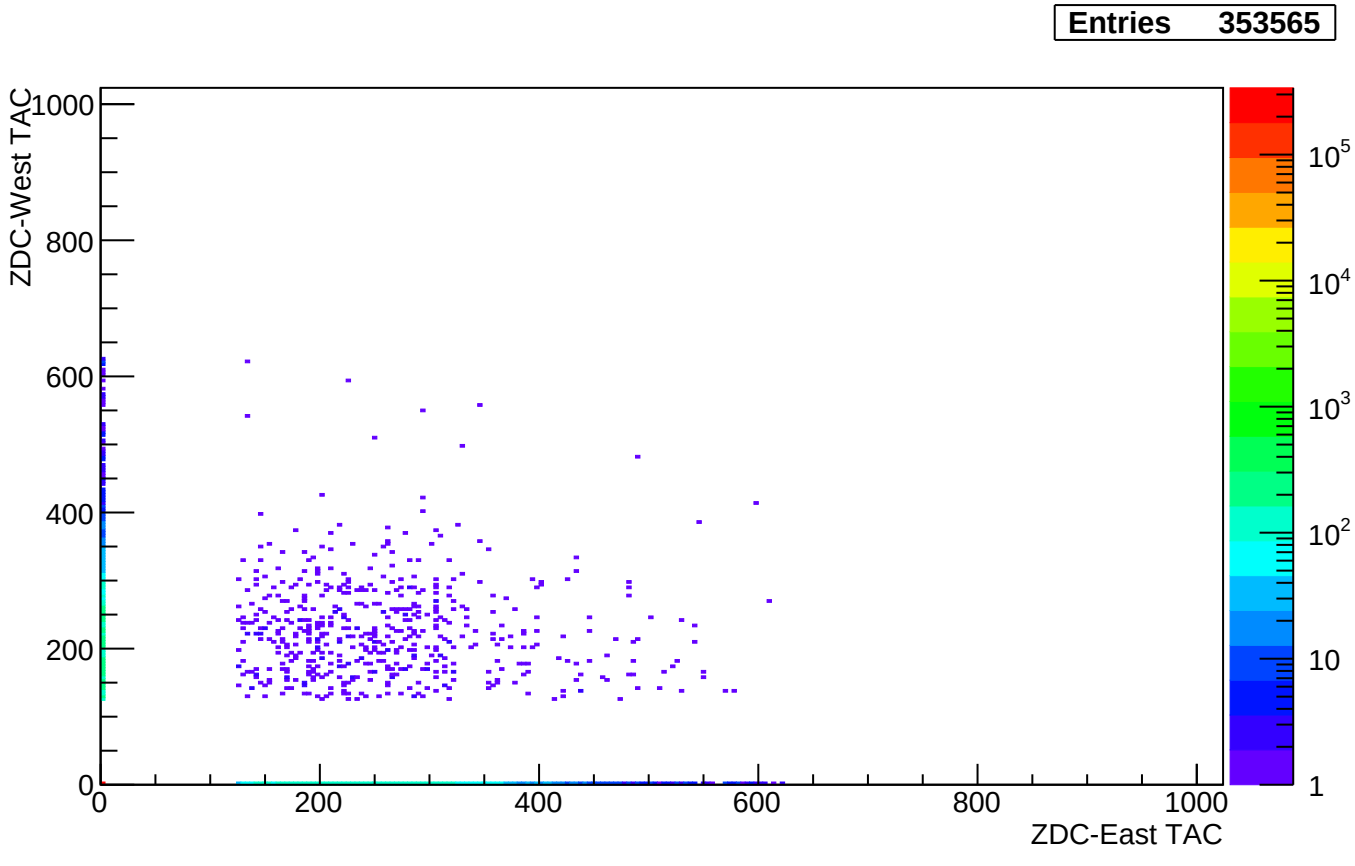

Entries 353565
TOF-Mult
VPD-East ADC Sum

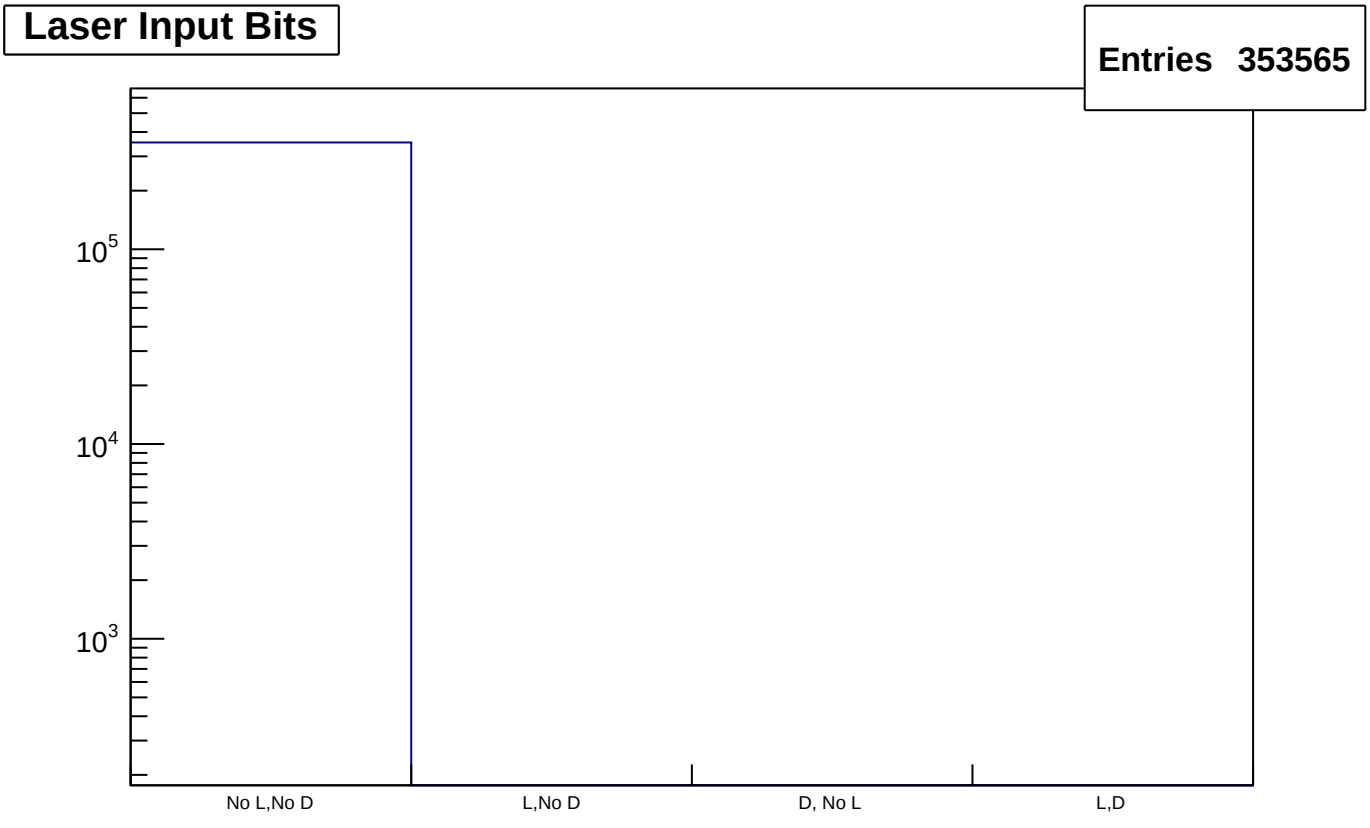

Entries 353565
TOF-Mult
VPD-West ADC Sum

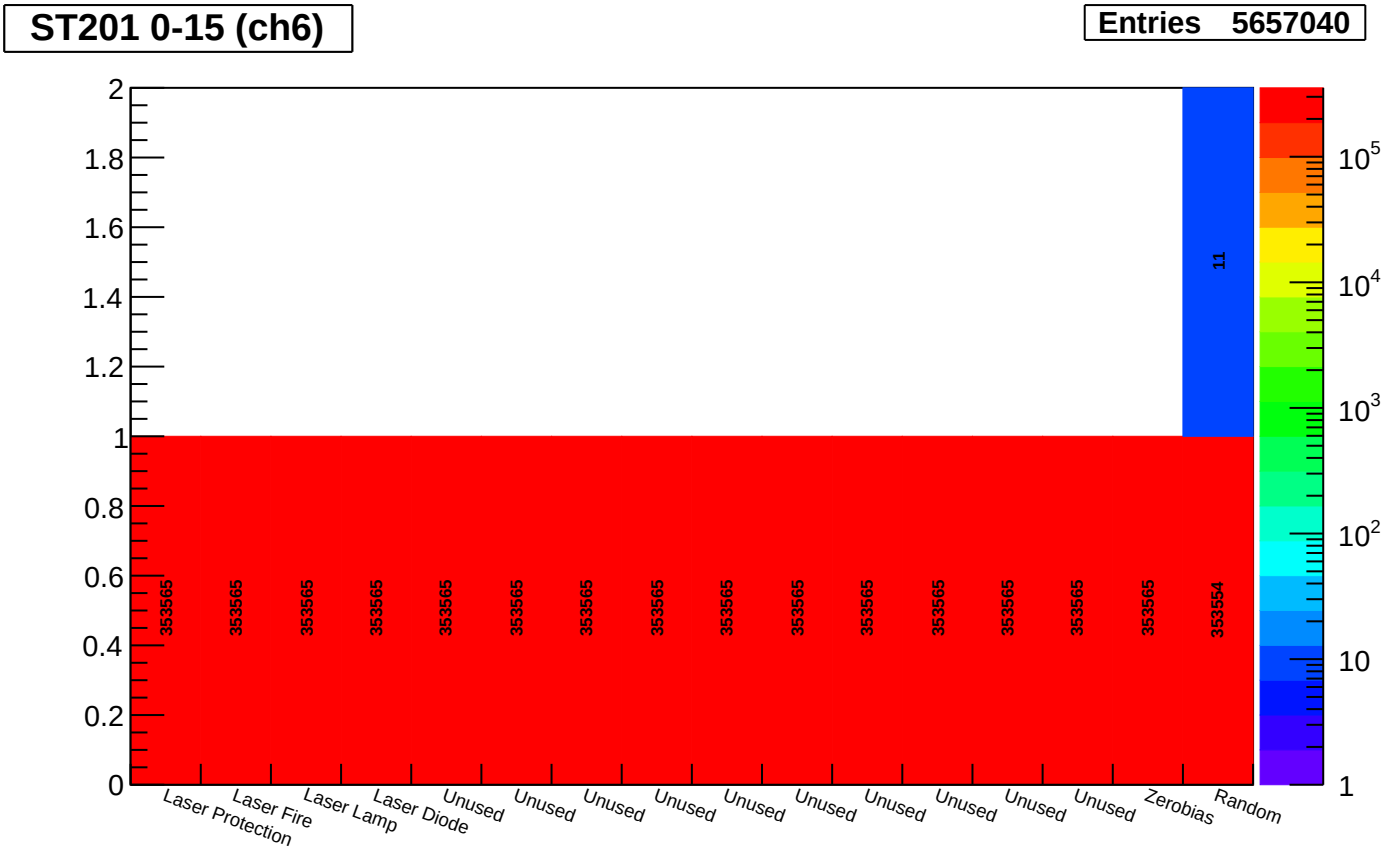

Entries 353565
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

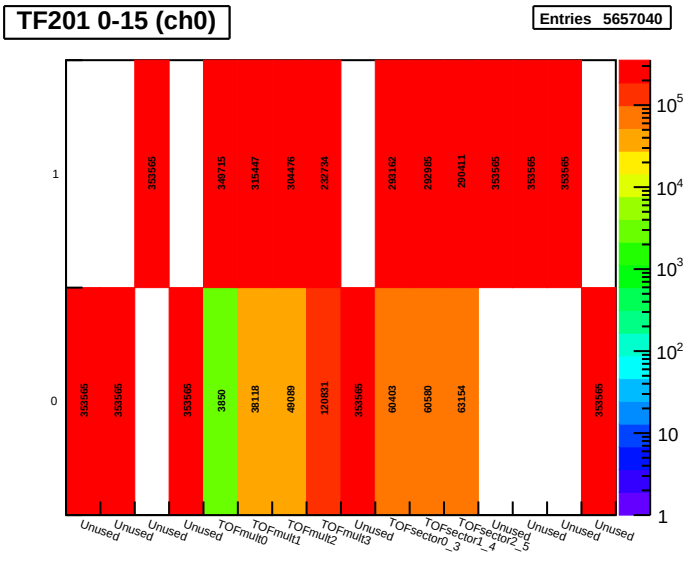

Entries 353565
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

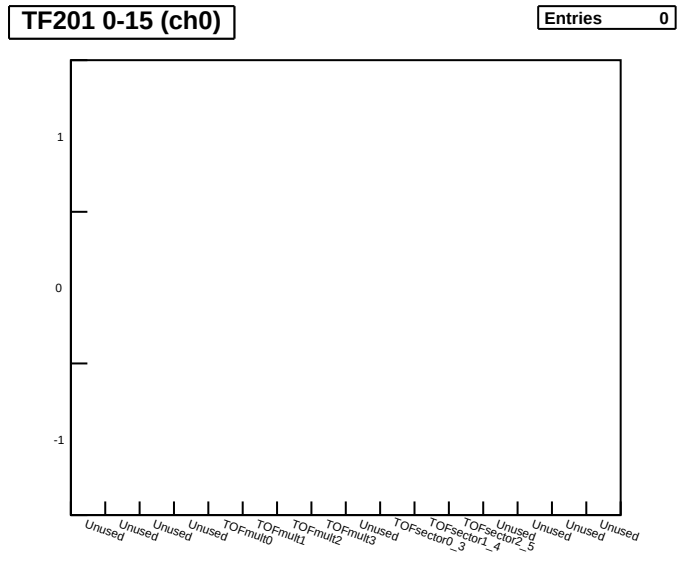

Entries 353565
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

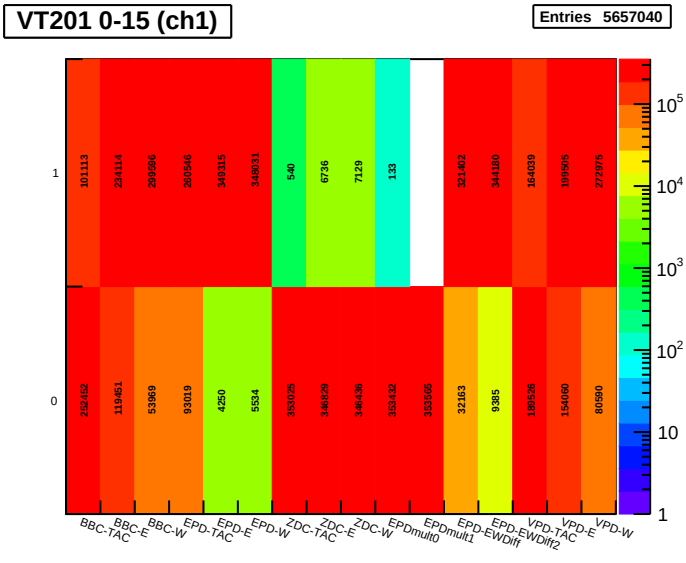

Entries 353565
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

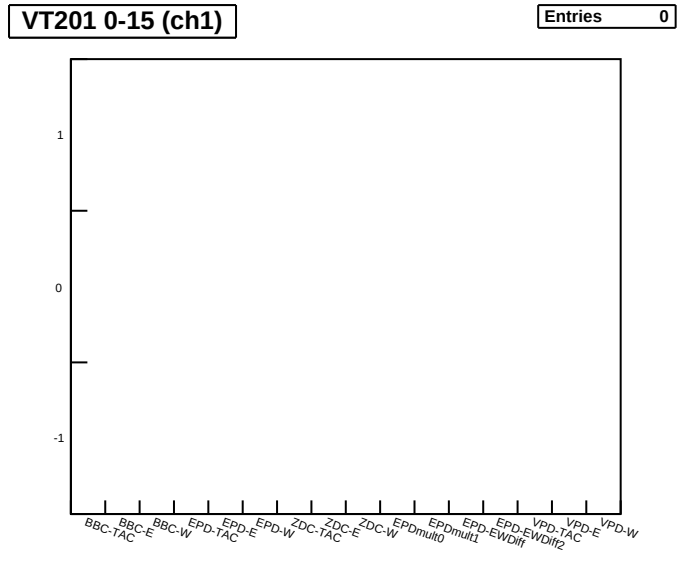

Laser Input Bits
Entries 353565
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

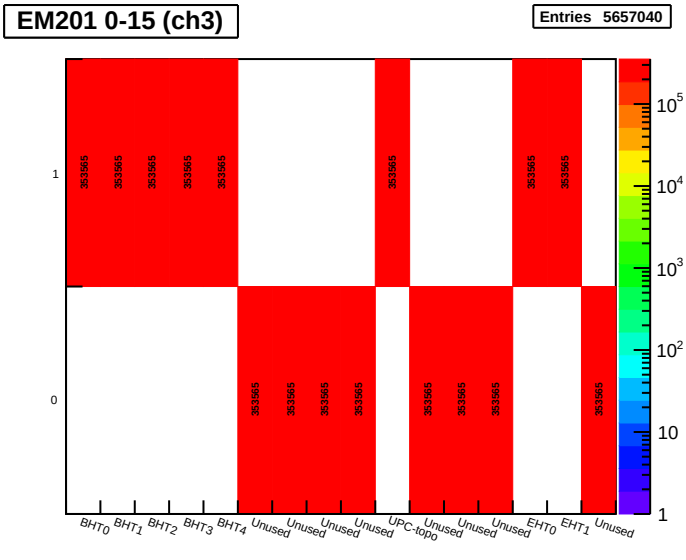

ST201 0-15 (ch6)
Entries 5657040
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
353565
353554
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

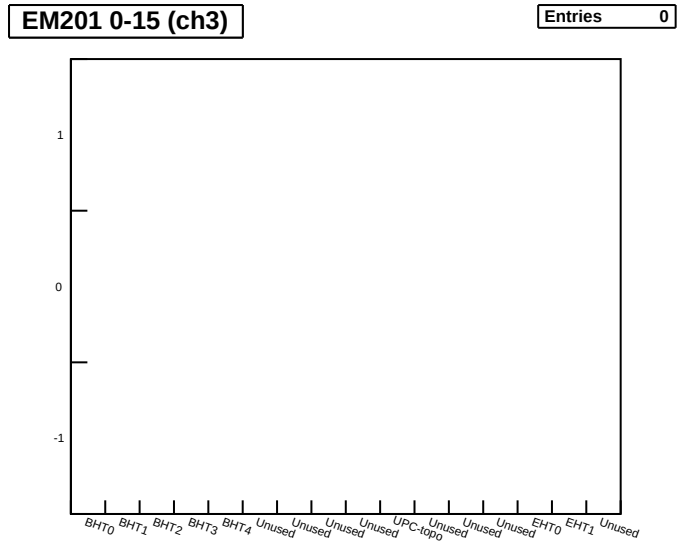

TF201 0-15 (ch0)
Entries 5657040
1
0
353565
348715
315447
304476
232734
293162
292985
290411
353565
353565
353565
353565
353565
353565
3850
38118
49089
120831
353565
60403
60580
63154
353565
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5657040
1
0
101113
234114
299596
260546
349315
348031
540
6736
7129
133
321402
344180
164039
199505
272975
232452
119451
53969
93019
4250
5534
353025
346829
346436
333432
353565
32163
9385
188526
154060
80590
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 5657040
1
0
353565
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