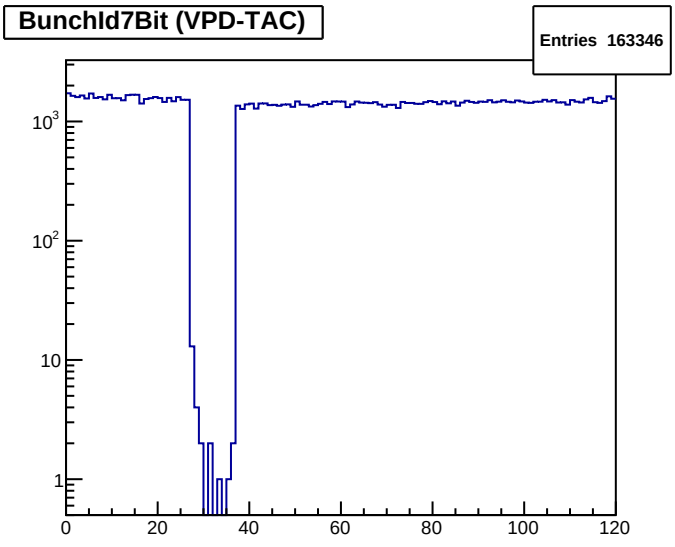
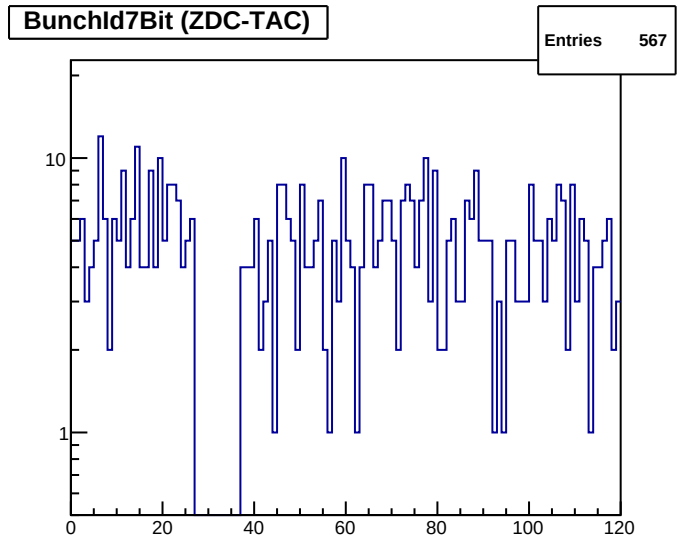
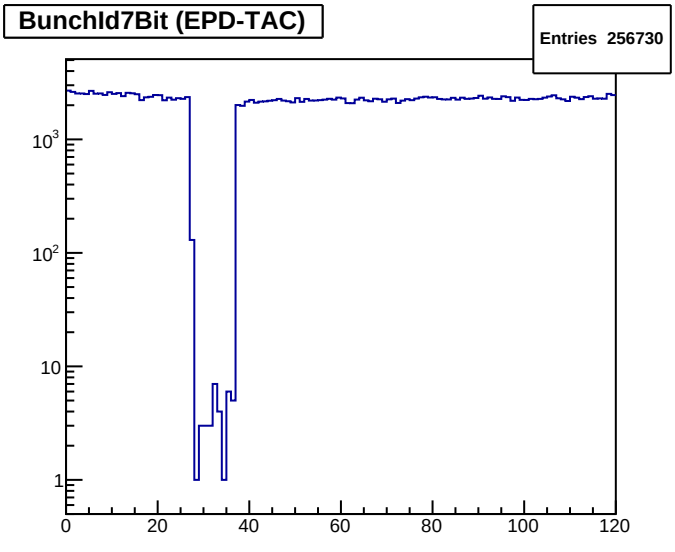
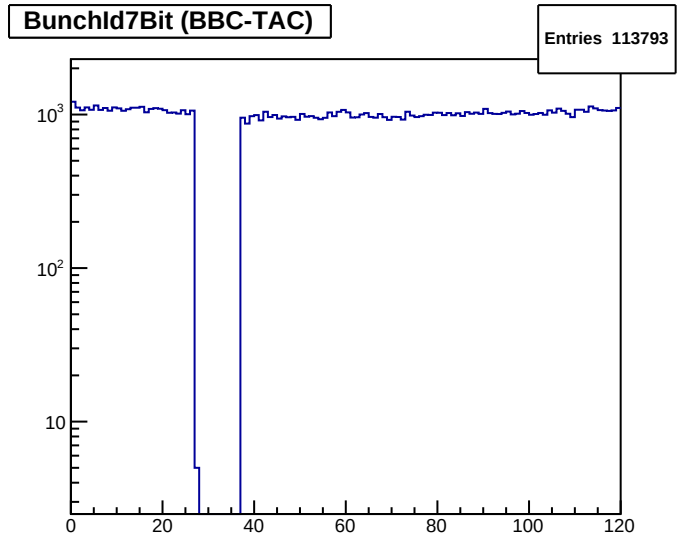
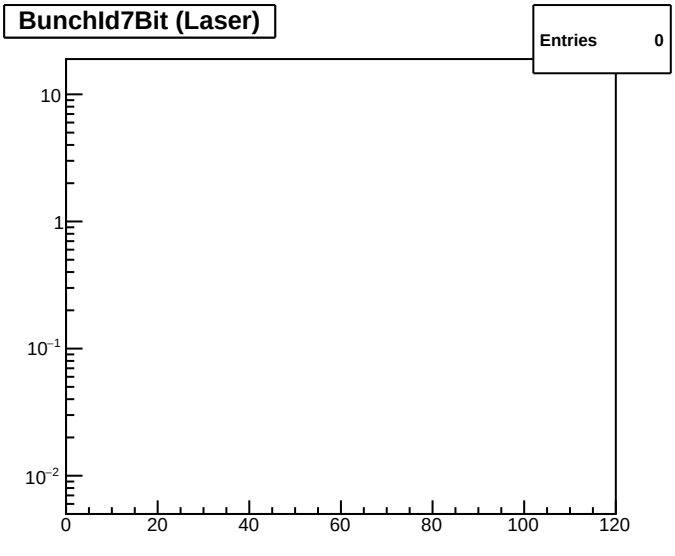
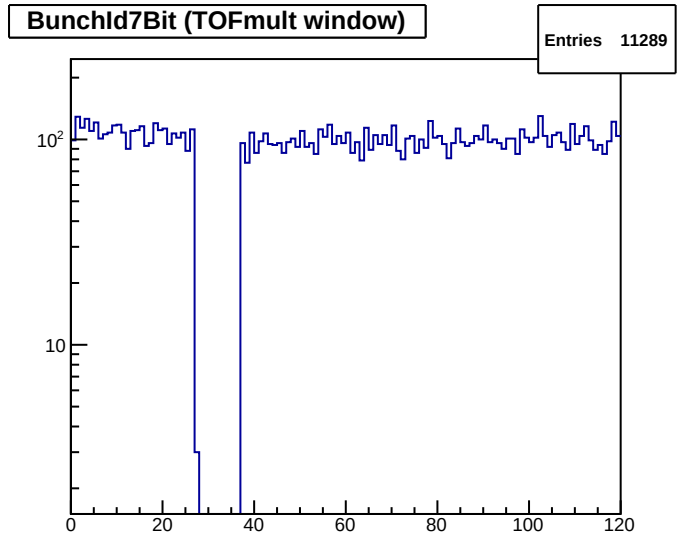

BunchId7Bit (VPD-TAC)
Entries 163346

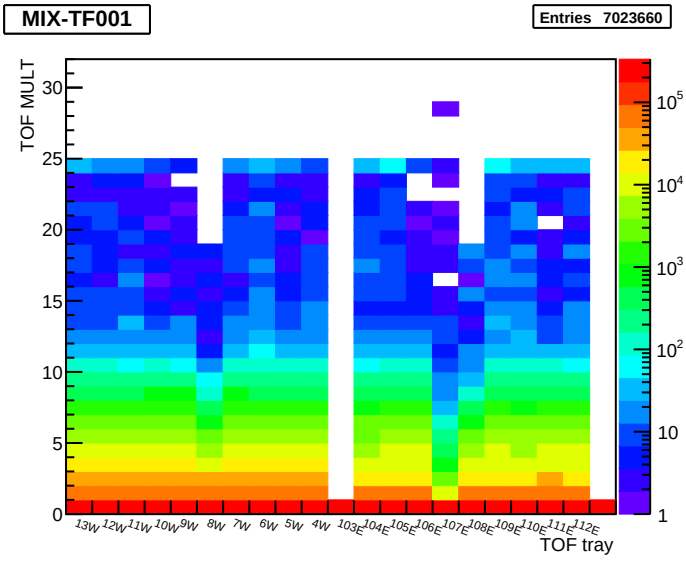

BunchId7Bit (ZDC-TAC)
Entries 567

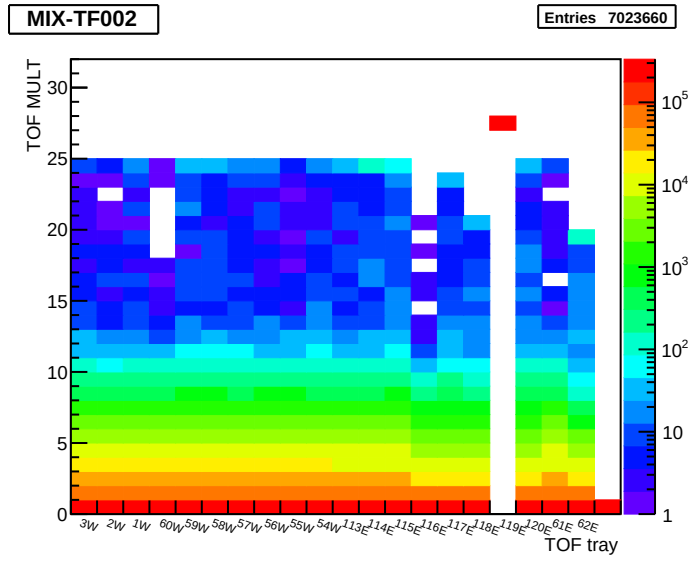

BunchId7Bit (EPD-TAC)
Entries 256730

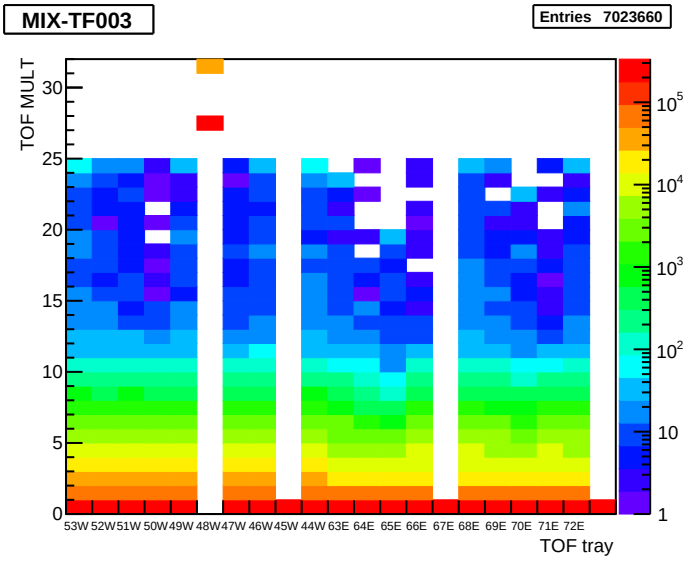

BunchId7Bit (BBC-TAC)
Entries 113793

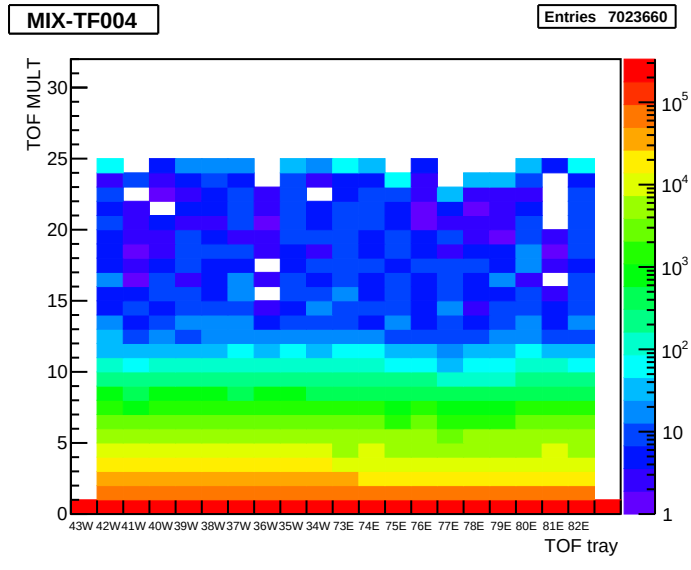

BunchId7Bit (Laser)
Entries 0

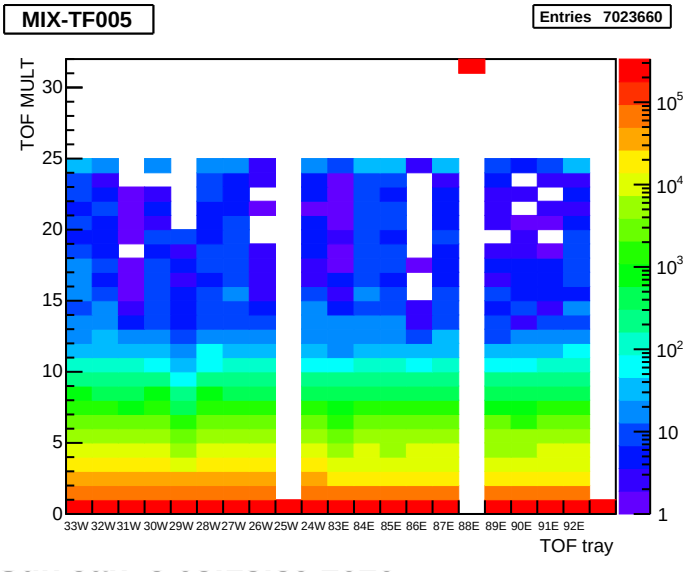

BunchId7Bit (TOFmult window)
Entries 11289

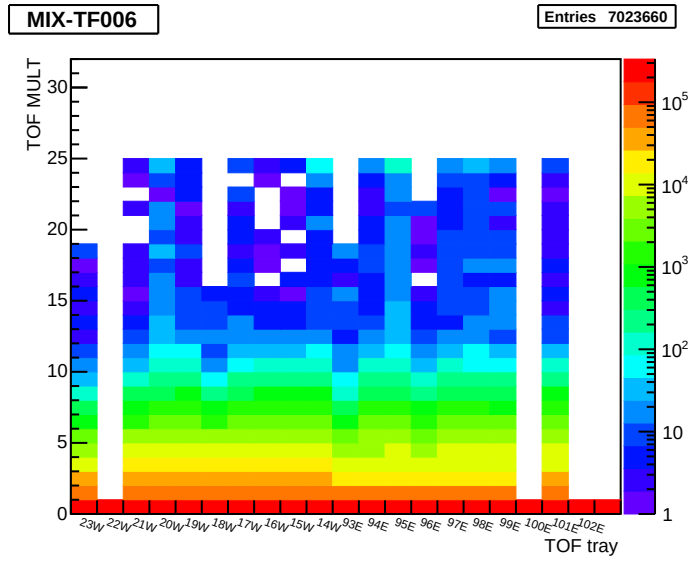

MIX-TF001
Entries 7023660
TOF MULT
TOF tray

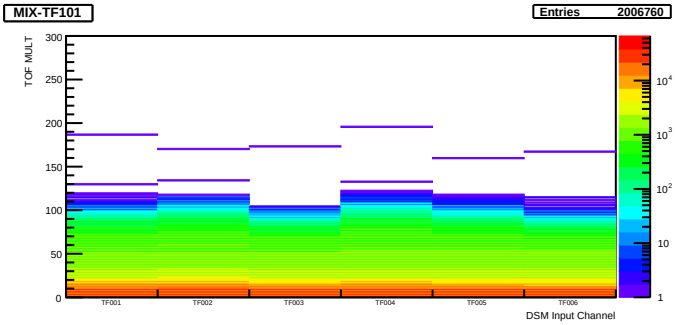

MIX-TF002
Entries 7023660
TOF MULT
TOF tray

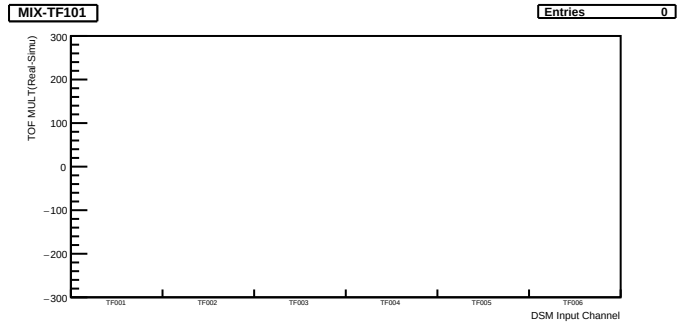

MIX-TF003
Entries 7023660
TOF MULT
TOF tray

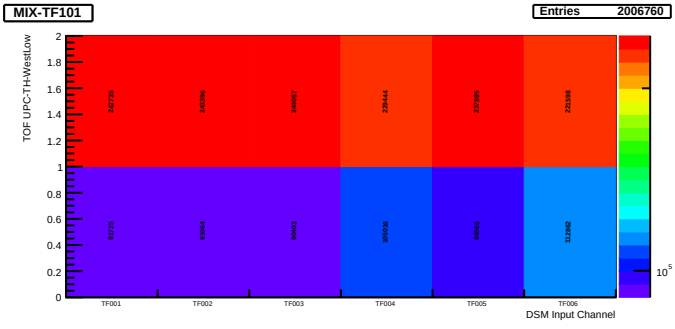

MIX-TF004
Entries 7023660
TOF MULT
TOF tray

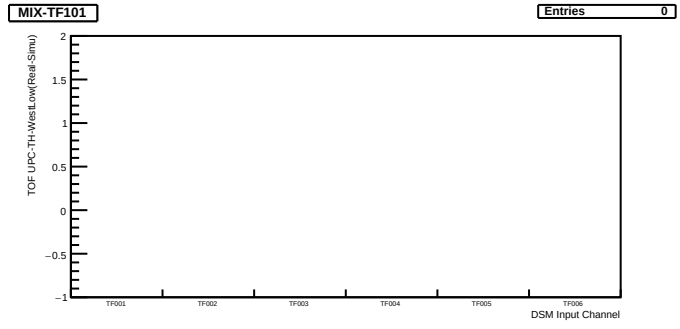

MIX-TF005
Entries 7023660
TOF MULT
TOF tray

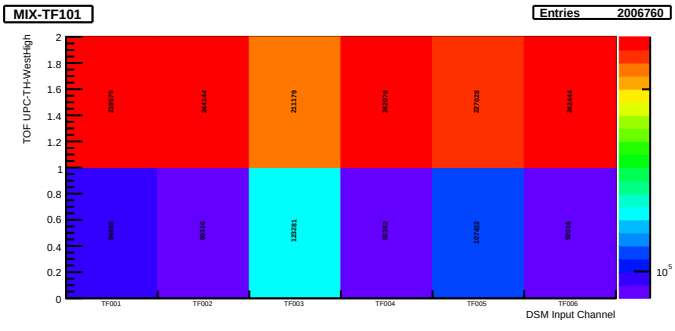

MIX-TF006
Entries 7023660
TOF MULT
TOF tray

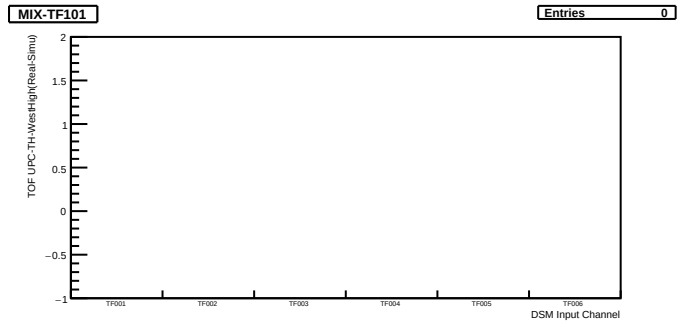

MIX-TF101
Entries 2006760
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

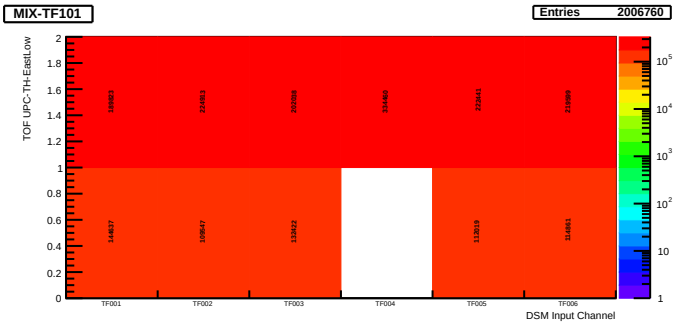

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

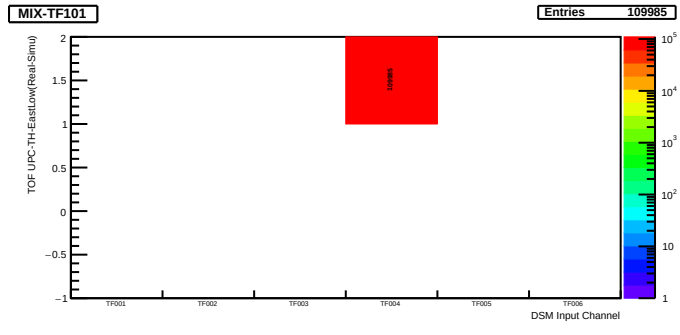

MIX-TF101
Entries 2006760
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

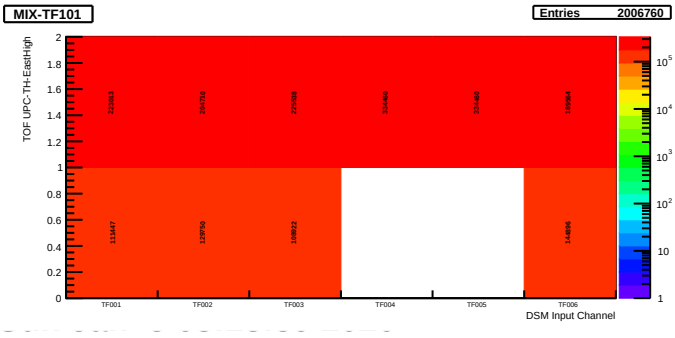

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

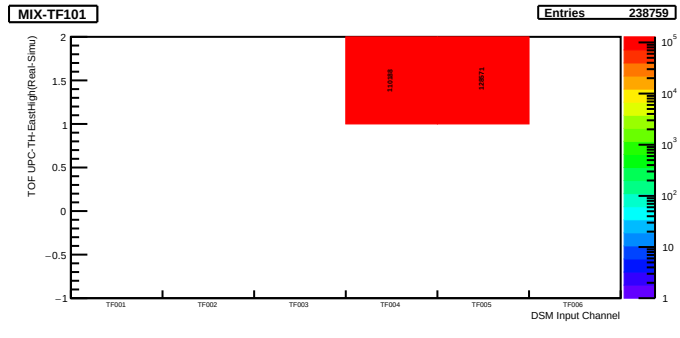

MIX-TF101
Entries 2006760
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

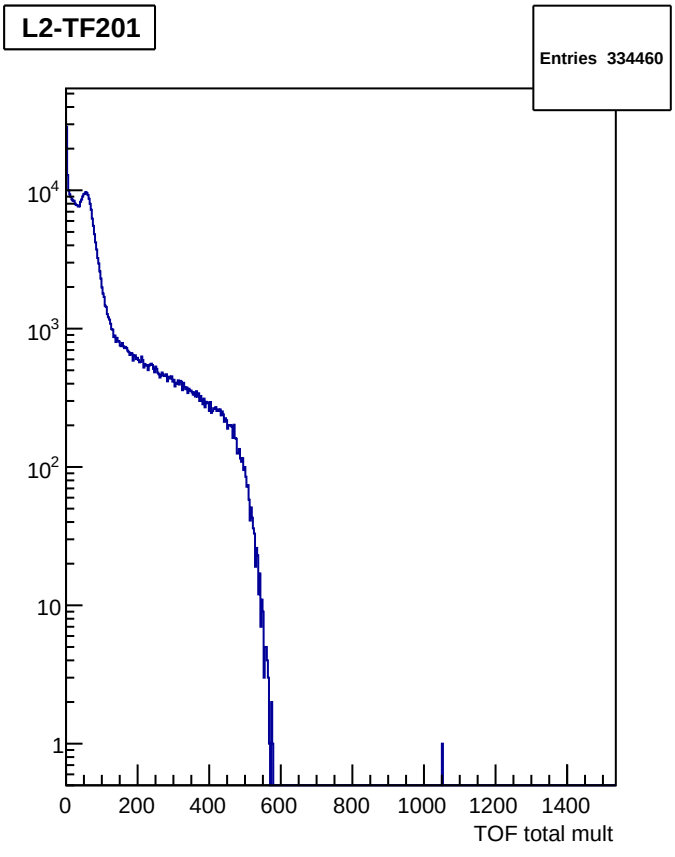

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

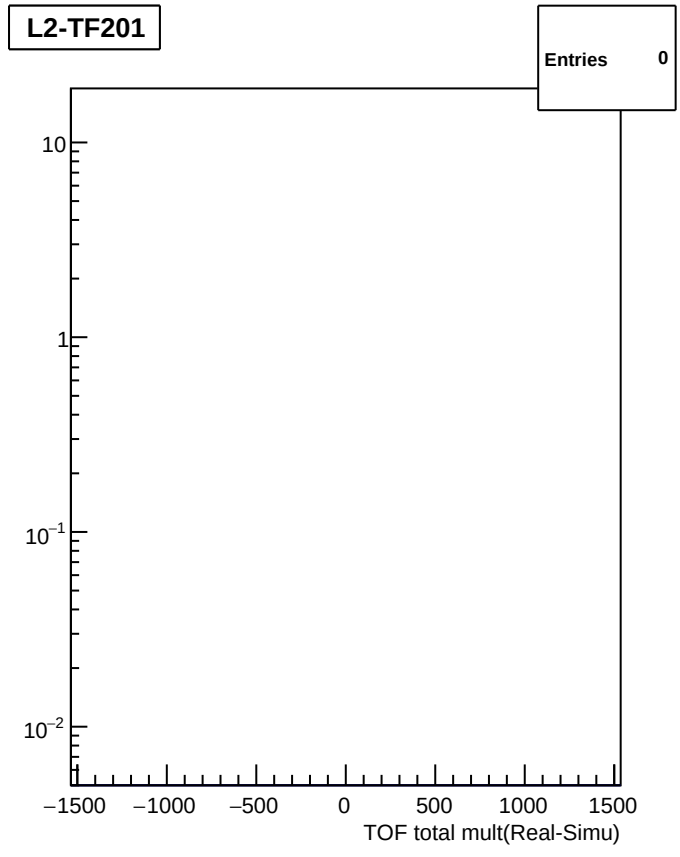

MIX-TF101
Entries 2006760
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

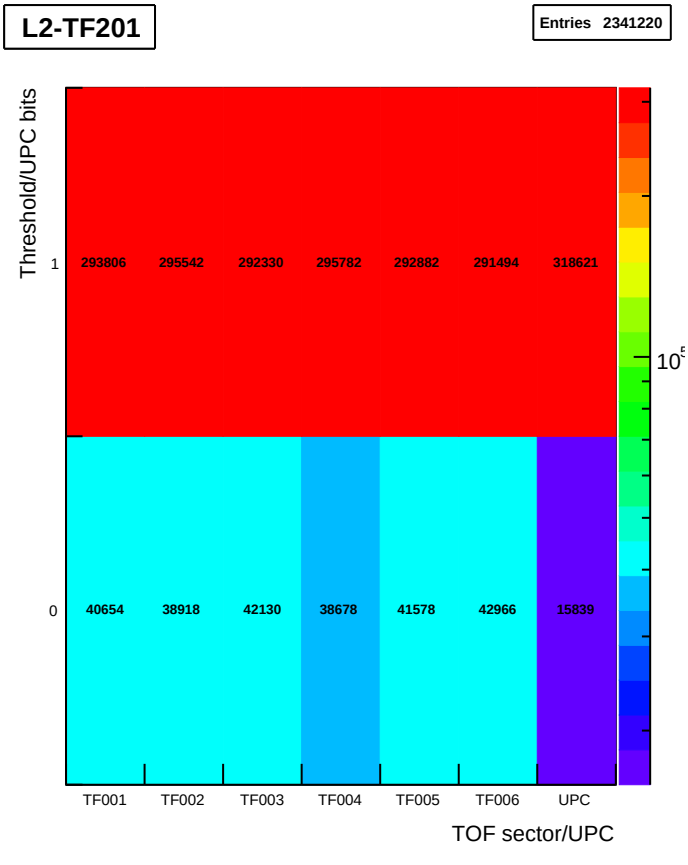

MIX-TF101
Entries 109985
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

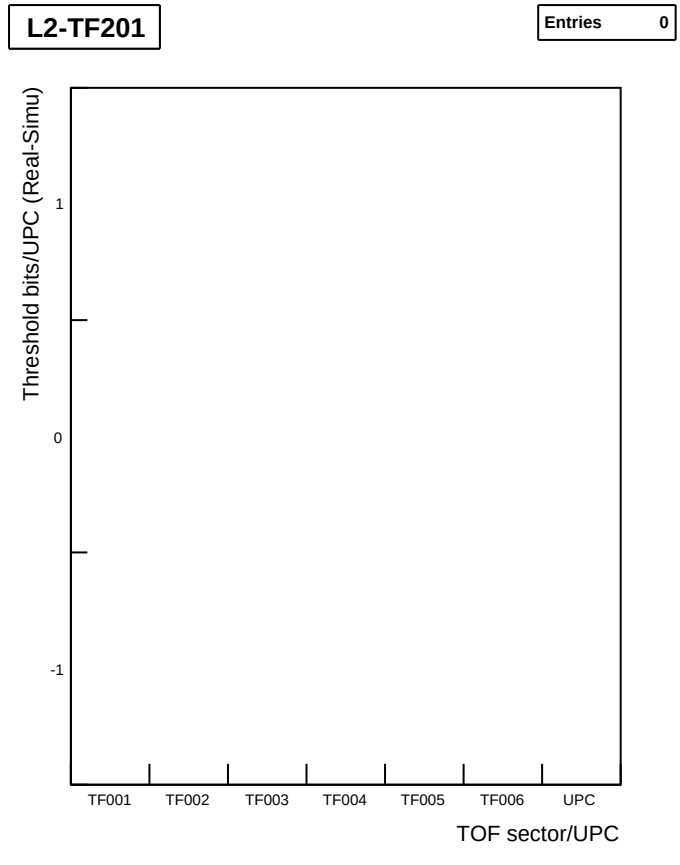

MIX-TF101
Entries 2006760
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

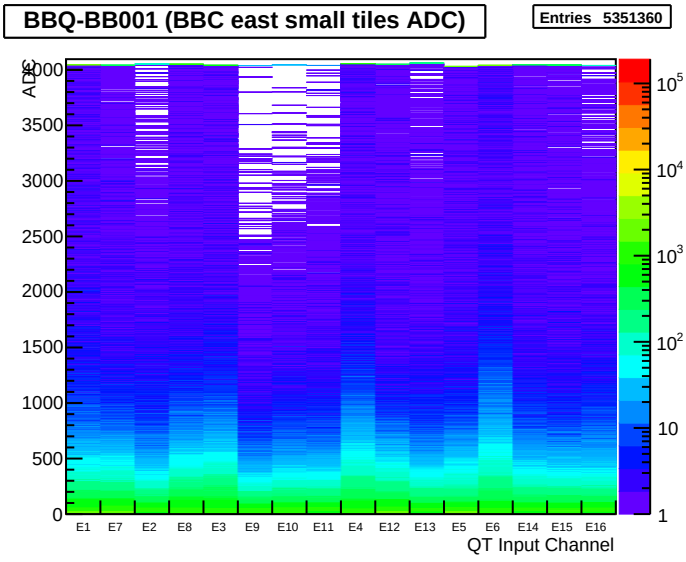

MIX-TF101
Entries 238759
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

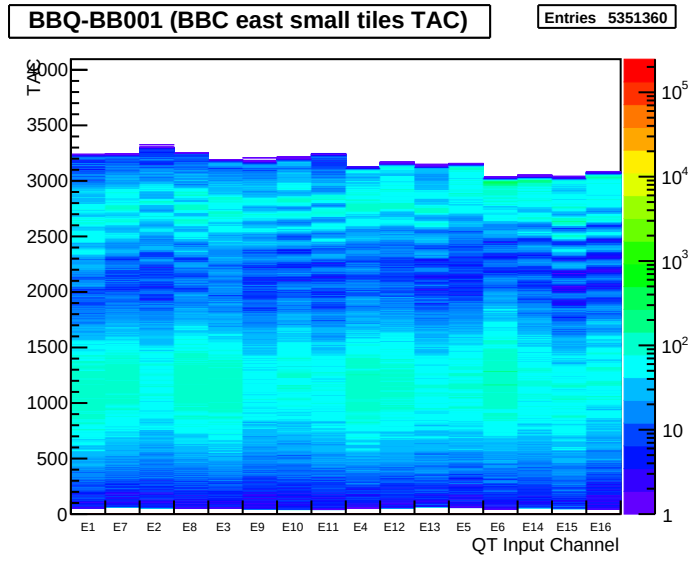

L2-TF201
Entries 334460
TOF total mult

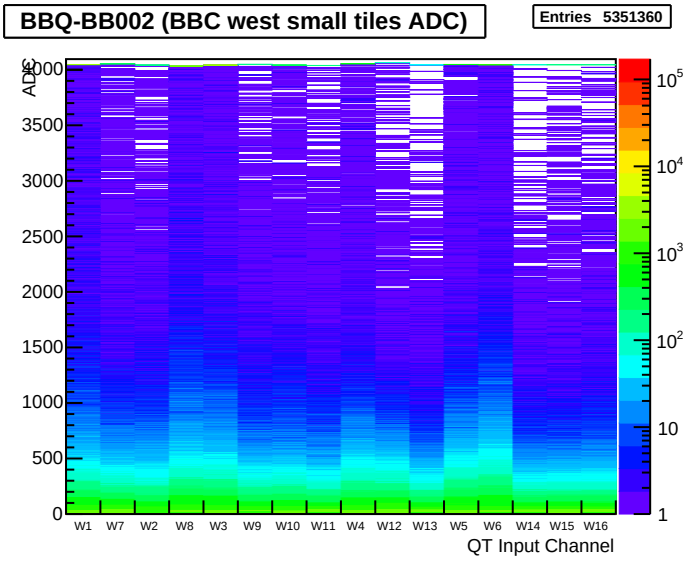

L2-TF201
Entries 0
TOF total mult(Real-Simu)

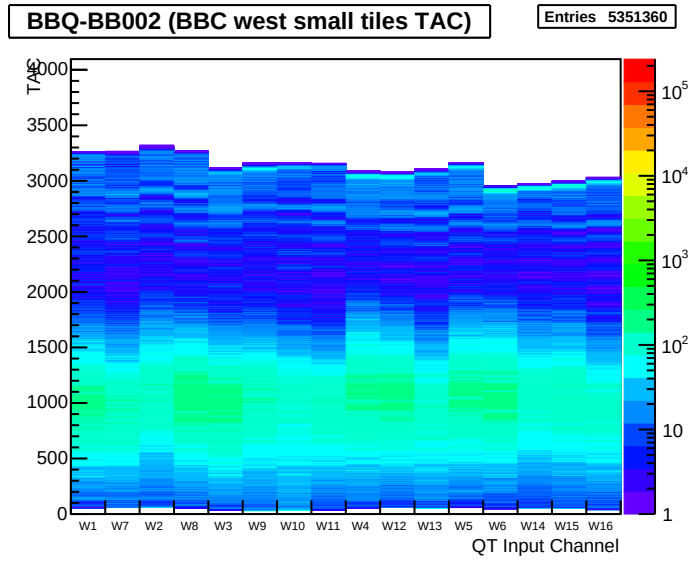

L2-TF201
Entries 2341220
Threshold/UPC bits
293806
295542
292330
295782
292882
291494
318621
40654
38918
42130
38678
41578
42966
15839
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

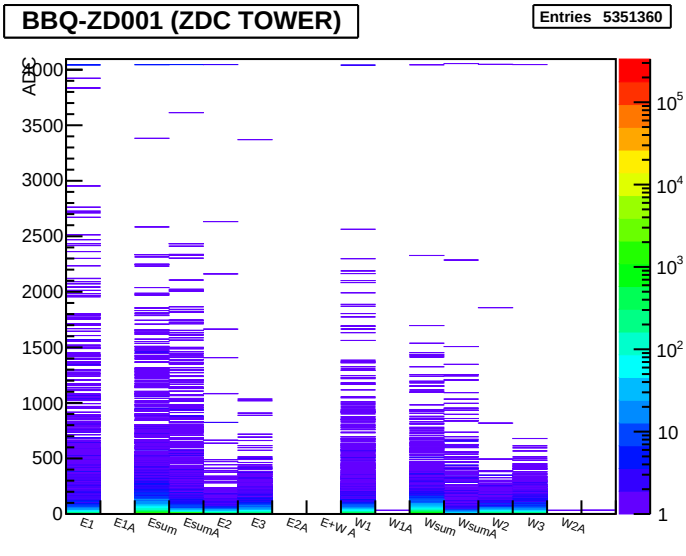

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

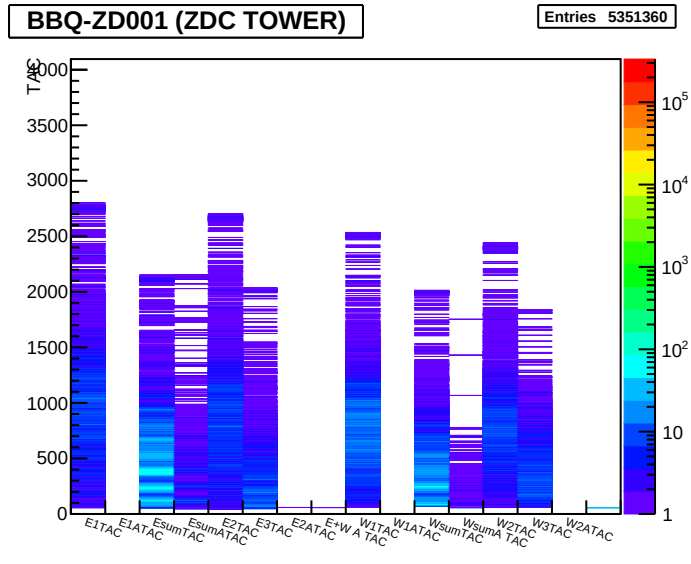

BBQ-BB001 (BBC east small tiles ADC)
Entries 5351360
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

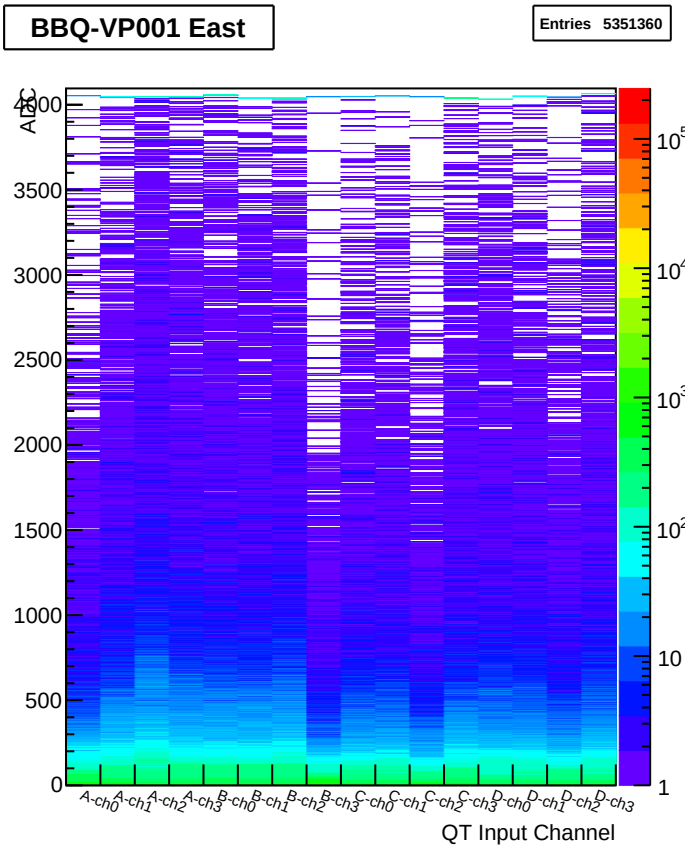

BBQ-BB001 (BBC east small tiles TAC)
Entries 5351360
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

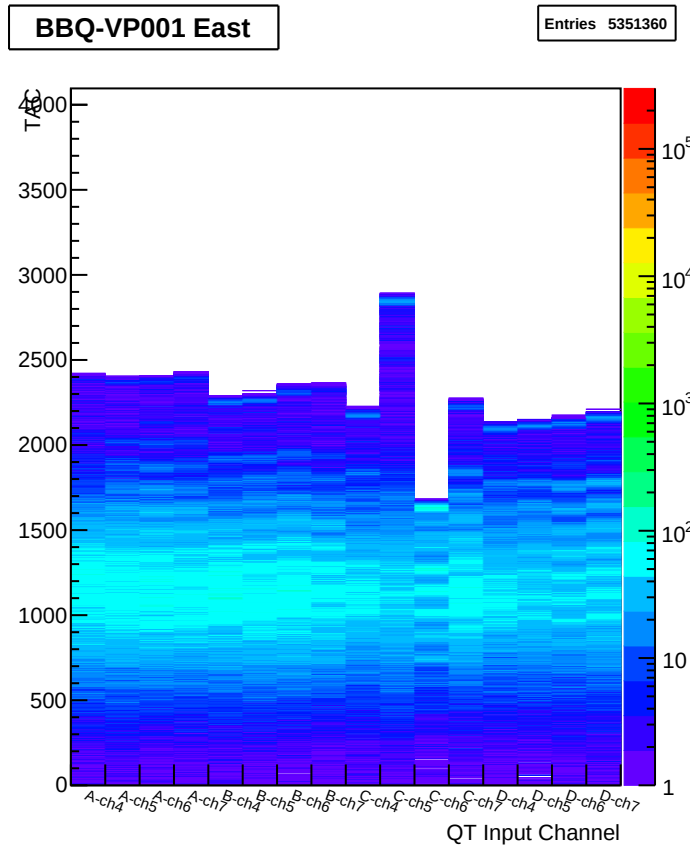

BBQ-BB002 (BBC west small tiles ADC)
Entries 5351360
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

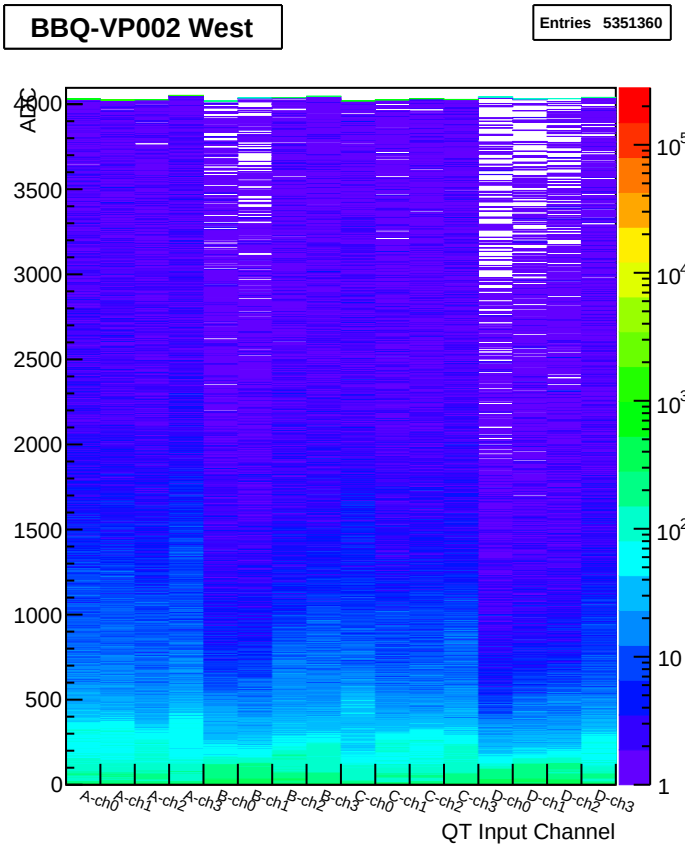

BBQ-BB002 (BBC west small tiles TAC)
Entries 5351360
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

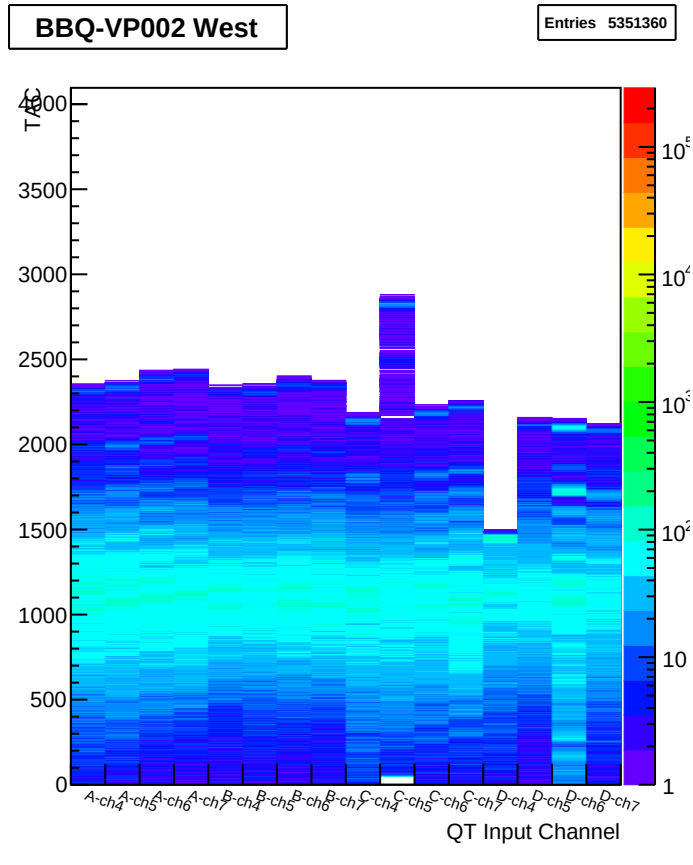

BBQ-ZD001 (ZDC TOWER)
Entries 5351360
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

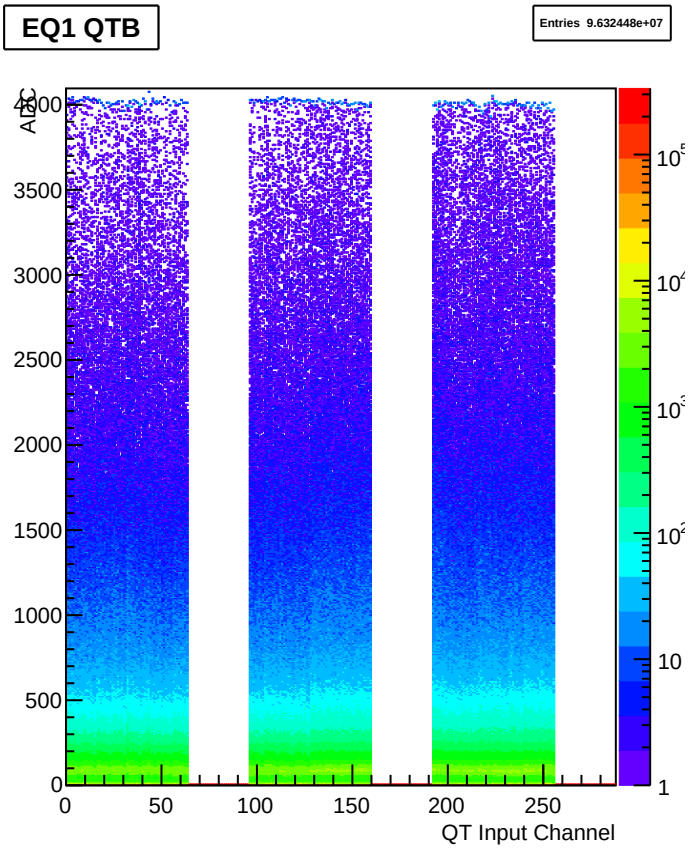

BBQ-ZD001 (ZDC TOWER)
Entries 5351360
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

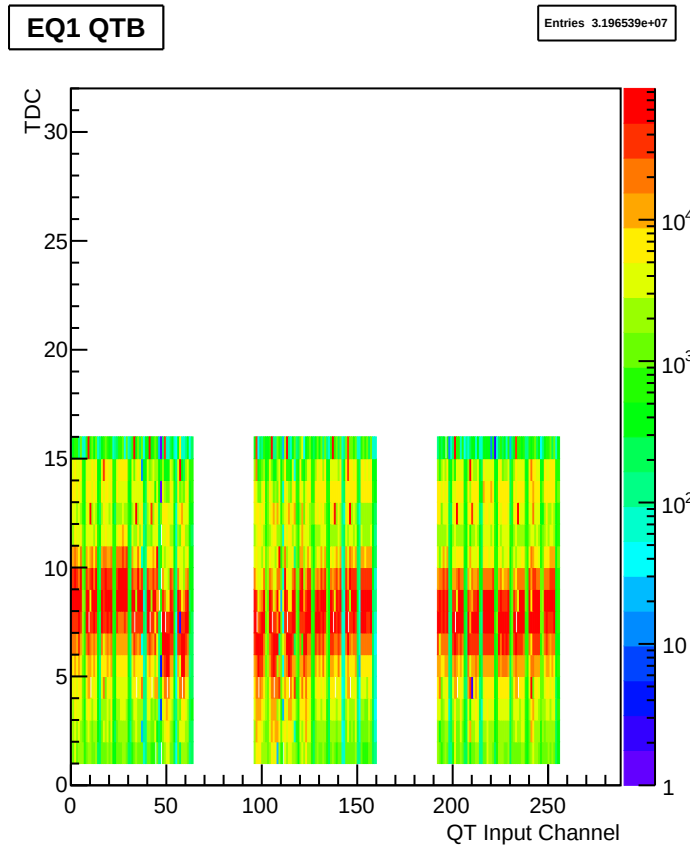

BBQ-VP001 East
Entries 5351360
ADC
QT Input Channel

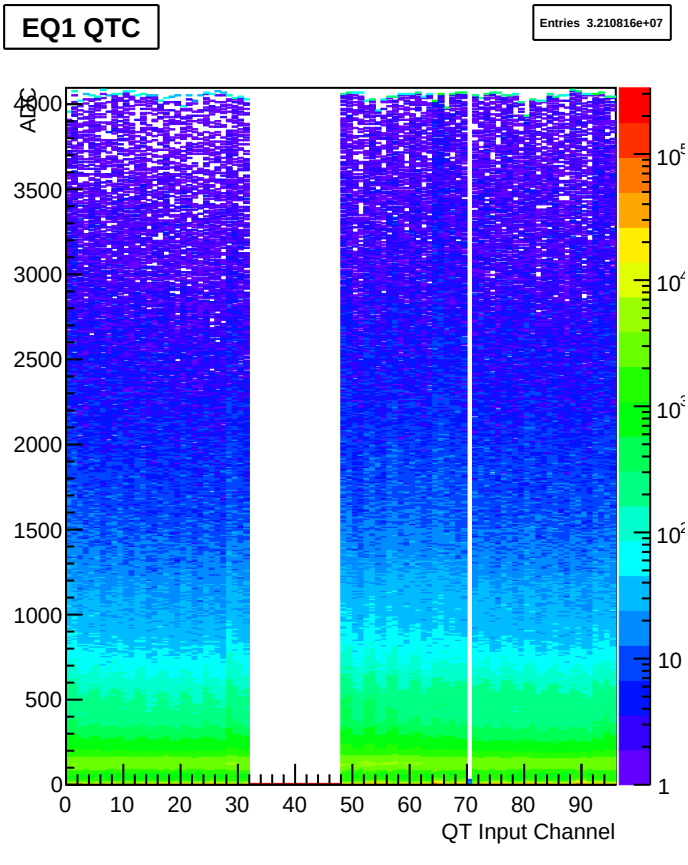

BBQ-VP001 East
Entries 5351360
TAC
QT Input Channel

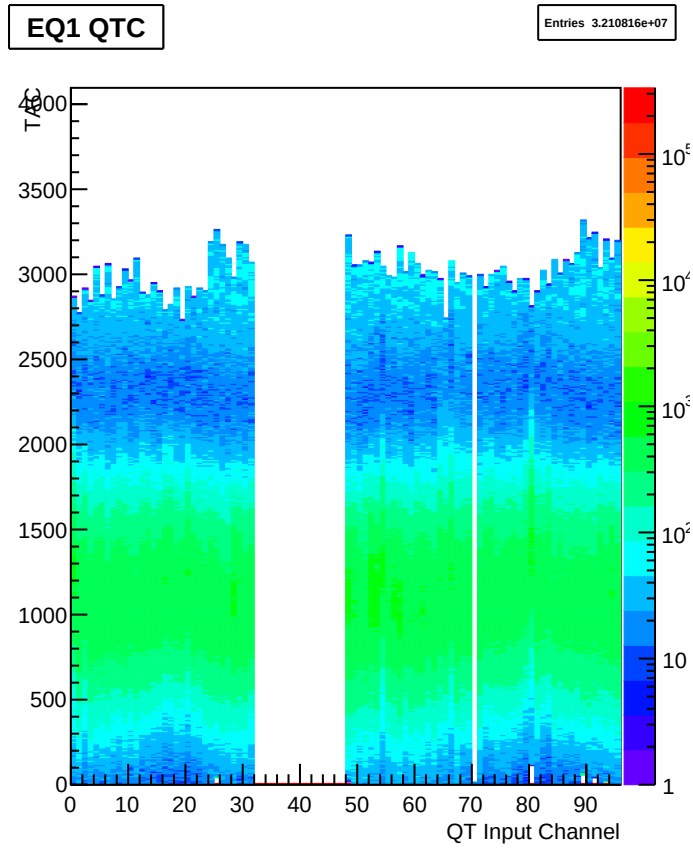

BBQ-VP002 West
Entries 5351360
ADC
QT Input Channel

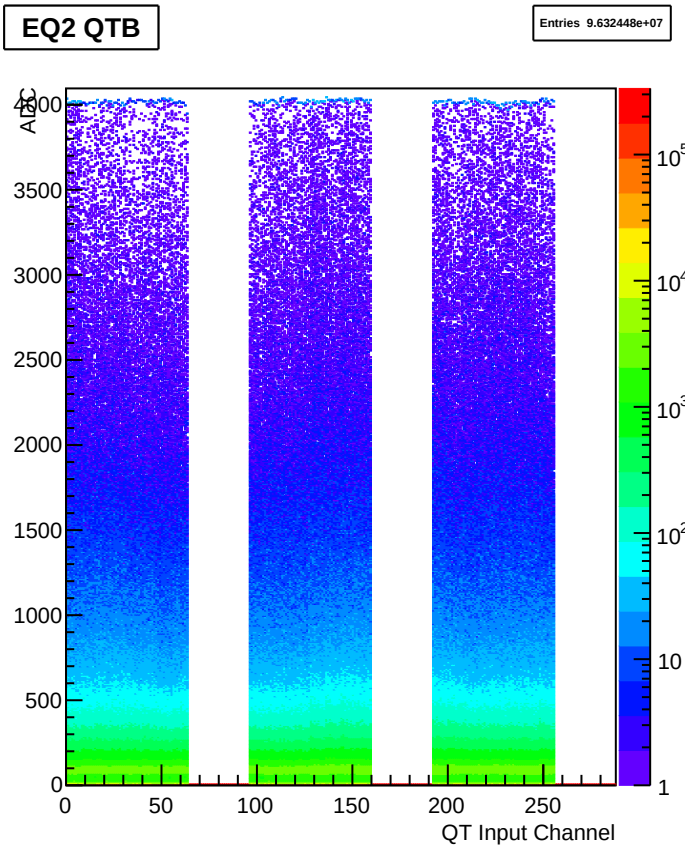

BBQ-VP002 West
Entries 5351360
TAC
QT Input Channel

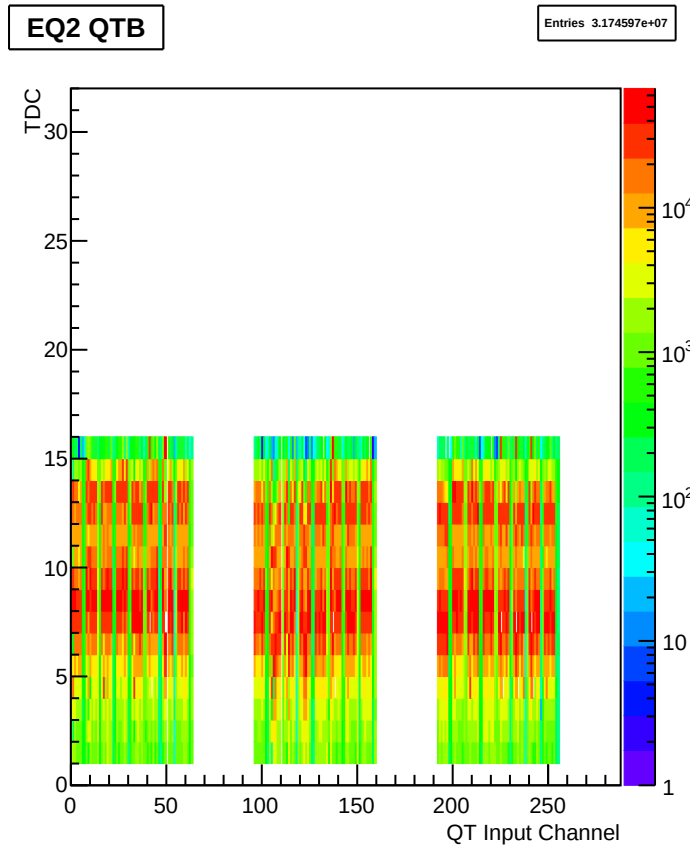

EQ1 QTB
Entries 9.632448e+07
ADC
QT Input Channel

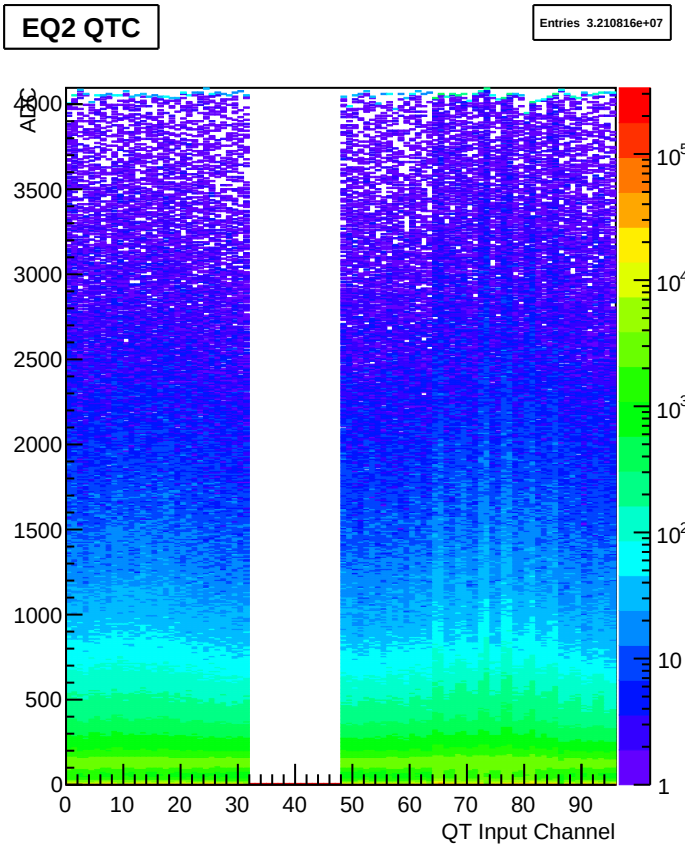

EQ1 QTB
Entries 3.196539e+07
TDC
QT Input Channel

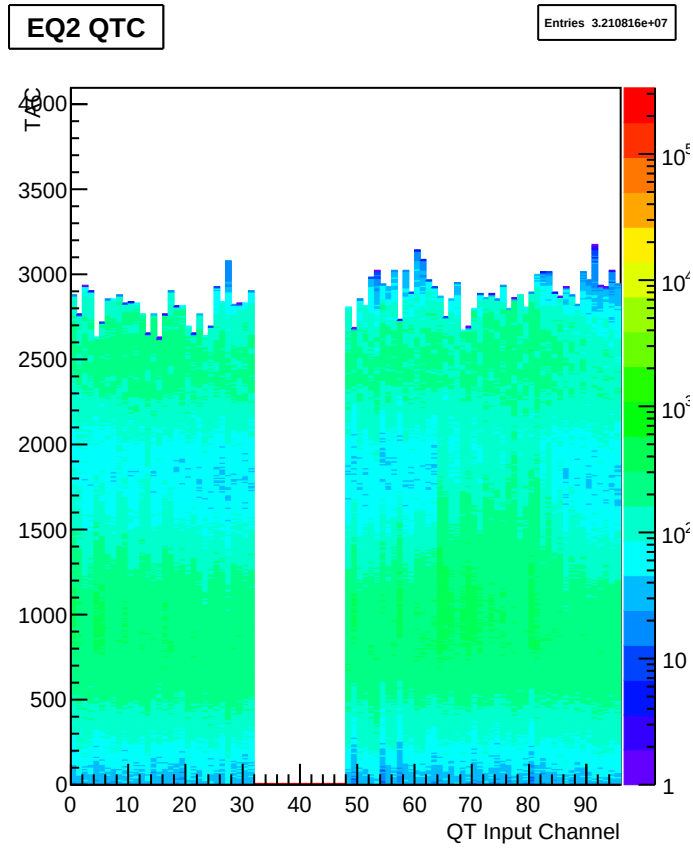

EQ1 QTC
Entries 3.210816e+07
ADC
QT Input Channel

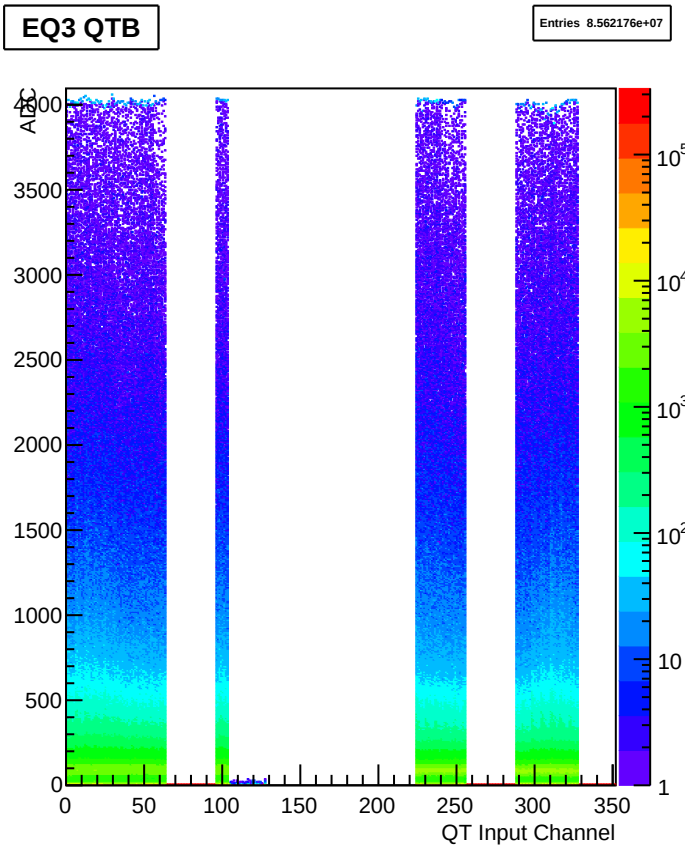

EQ1 QTC
Entries 3.210816e+07
TADC
QT Input Channel

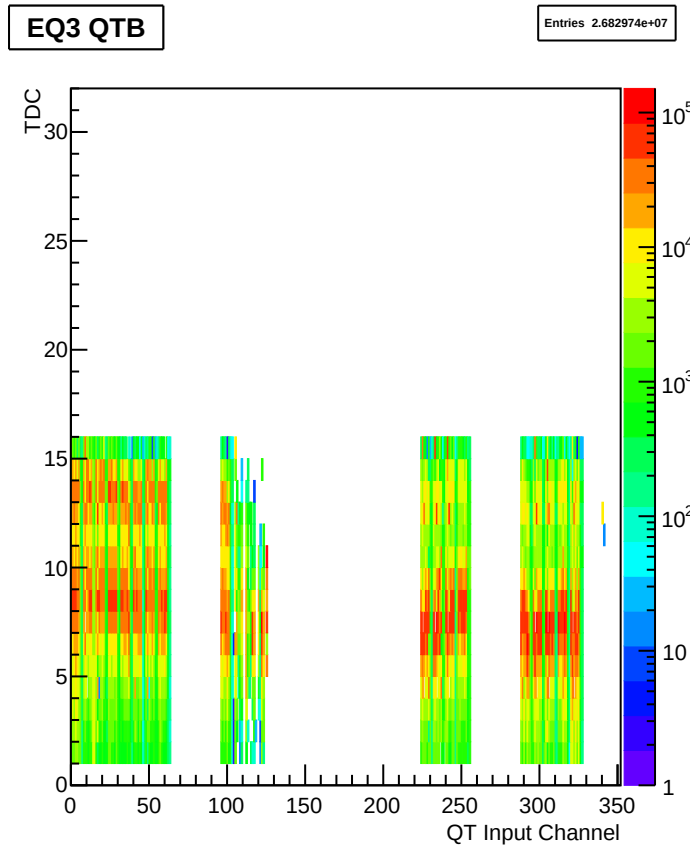

EQ2 QTB
Entries 9.632448e+07
ADC
QT Input Channel

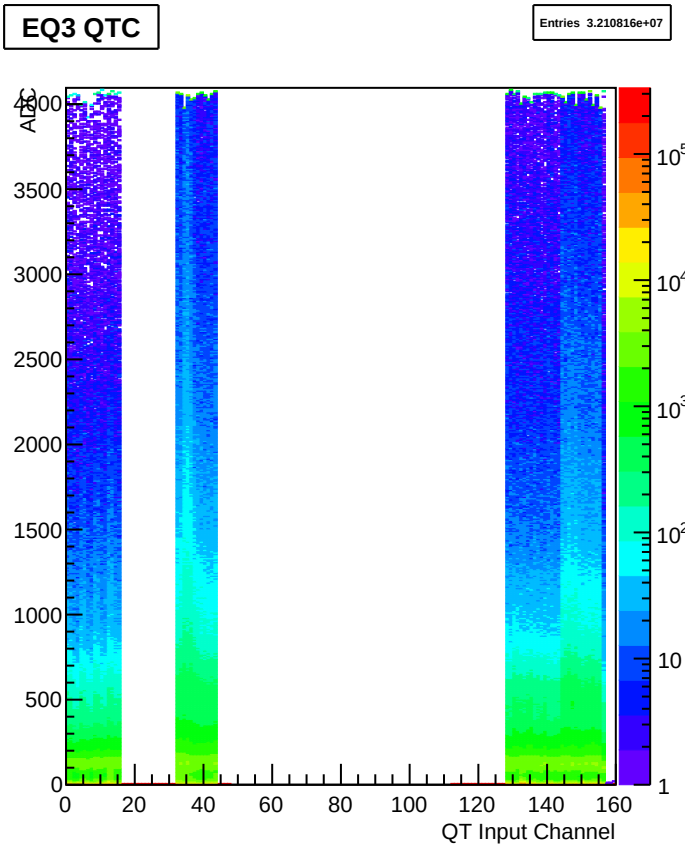

EQ2 QTB
Entries 3.174597e+07
TDC
QT Input Channel

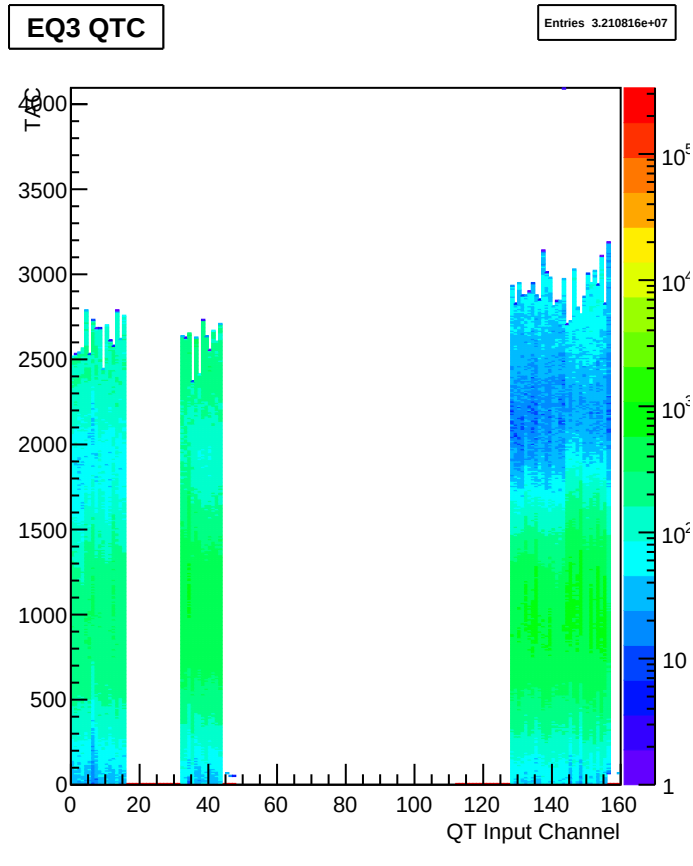

EQ2 QTC
Entries 3.210816e+07
ADC
QT Input Channel

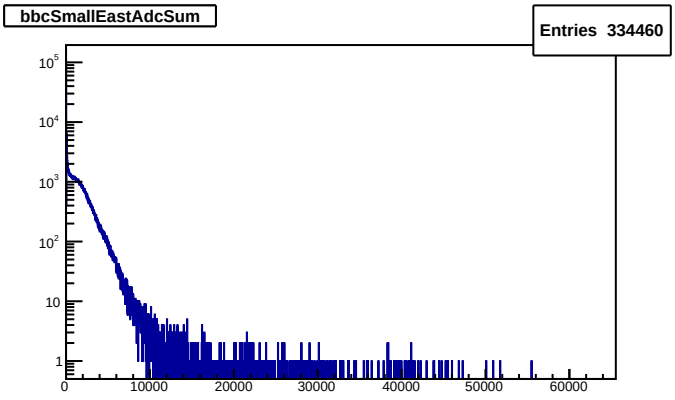

EQ2 QTC
Entries 3.210816e+07
TADC
QT Input Channel

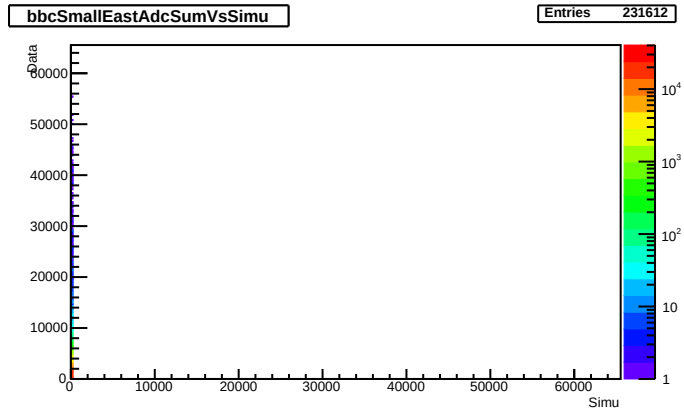

EQ3 QTB
Entries 8.562176e+07
ADC
QT Input Channel

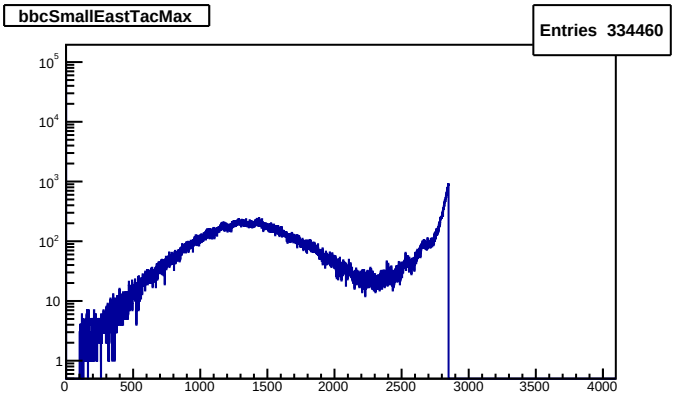

EQ3 QTB
Entries 2.682974e+07
TDC
QT Input Channel

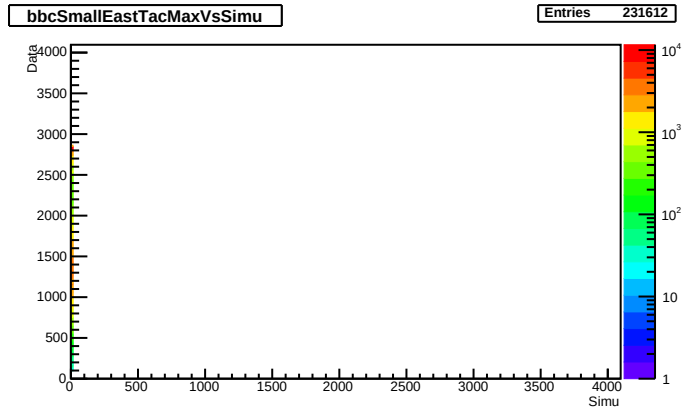

EQ3 QTC
Entries 3.210816e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.210816e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 334460


bbcSmallEastAdcSumVsSimu
Entries 231612
Data
Simu


bbcSmallEastTacMax
Entries 334460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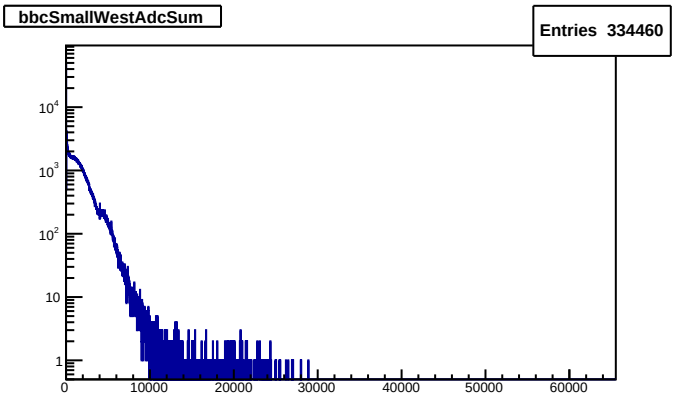
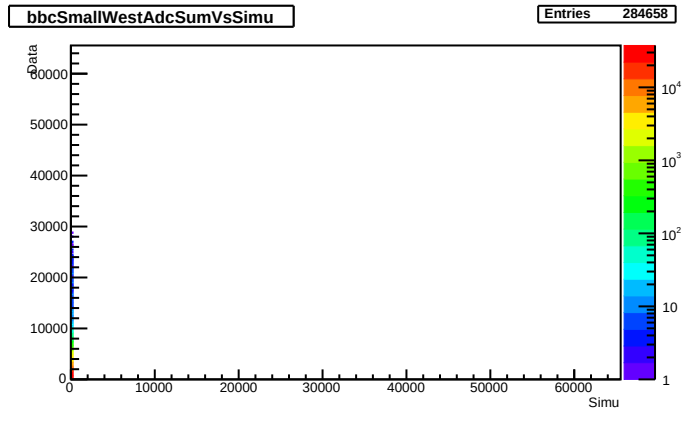
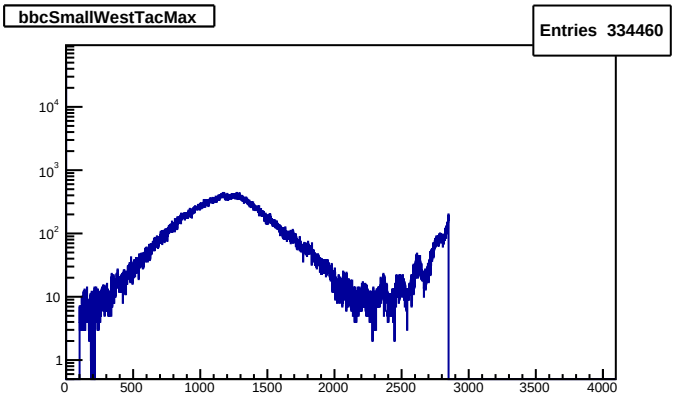
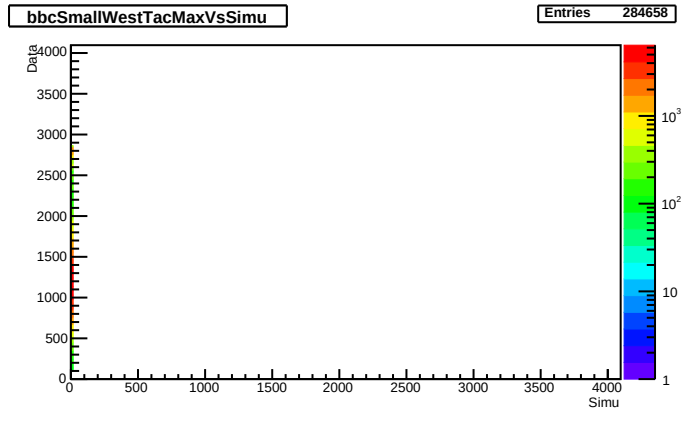
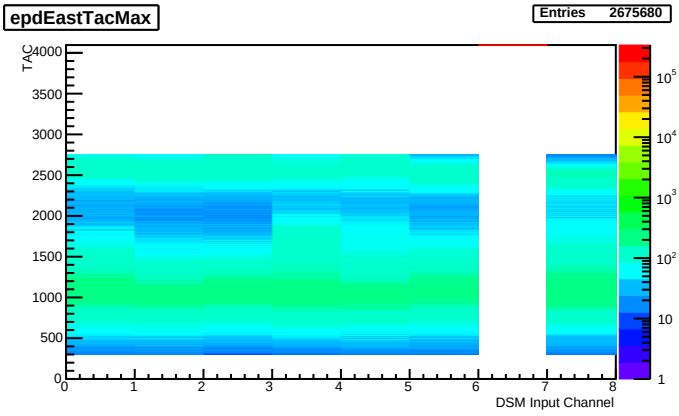
Entries 231612
Data
Simu

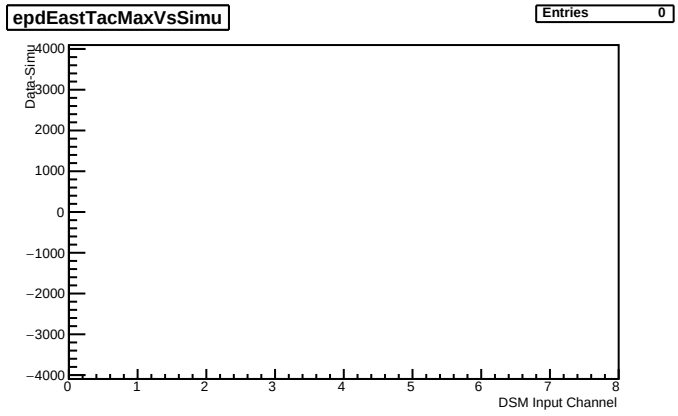

bbcSmallWestAdcSum
Entries 334460

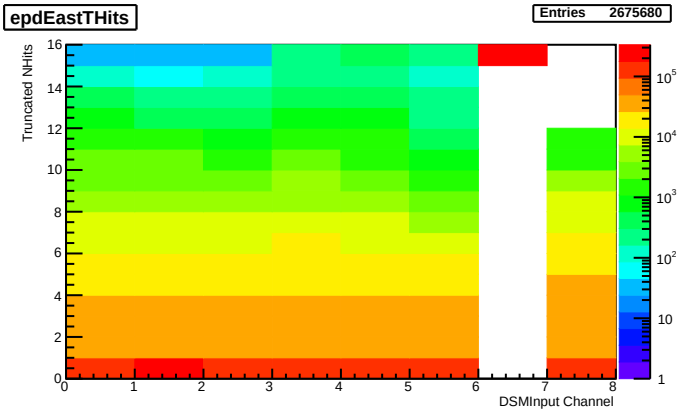

bbcSmallWestAdcSumVsSimu
Entries 284658
Data
Simu

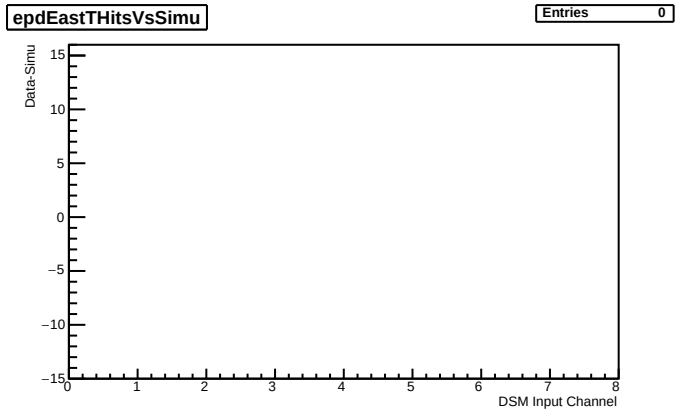

bbcSmallWestTacMax
Entries 334460

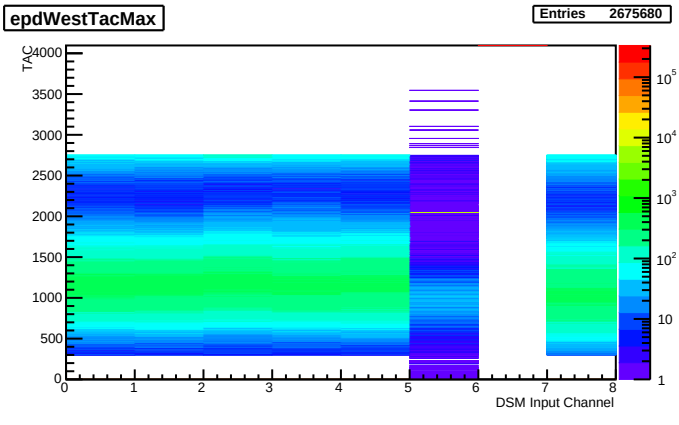

bbcSmallWestTacMaxVsSimu
Entries 284658
Data
Simu

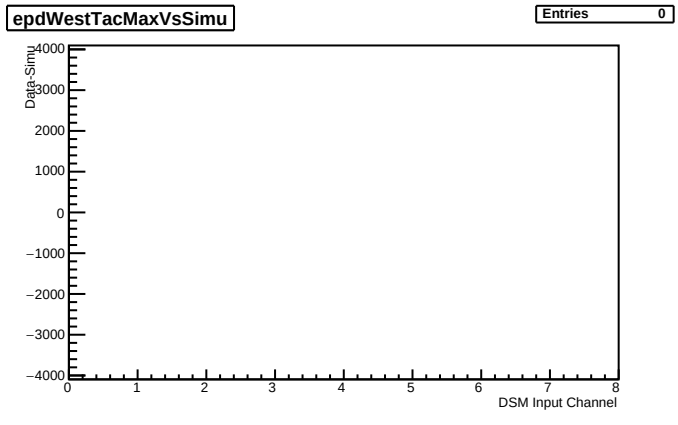

epdEastTacMax
Entries 2675680
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2675680
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2675680
TAC
DSM Input Channel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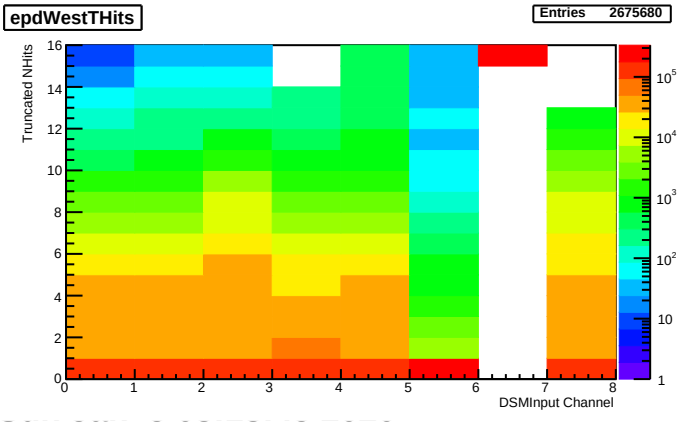
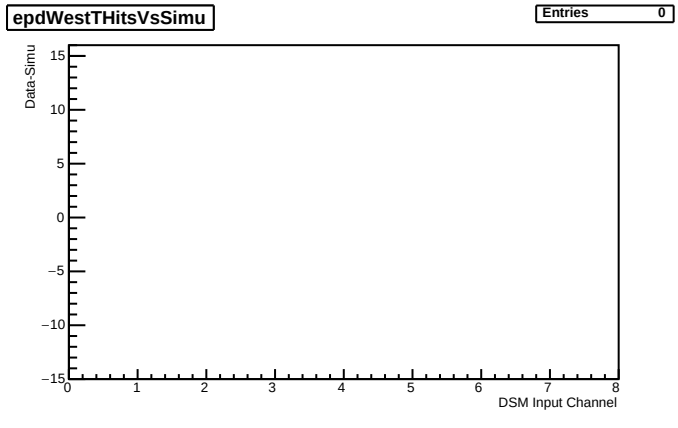
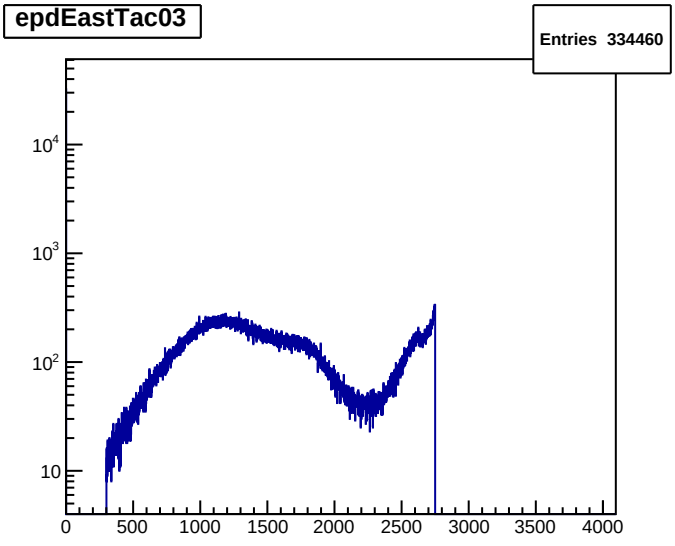
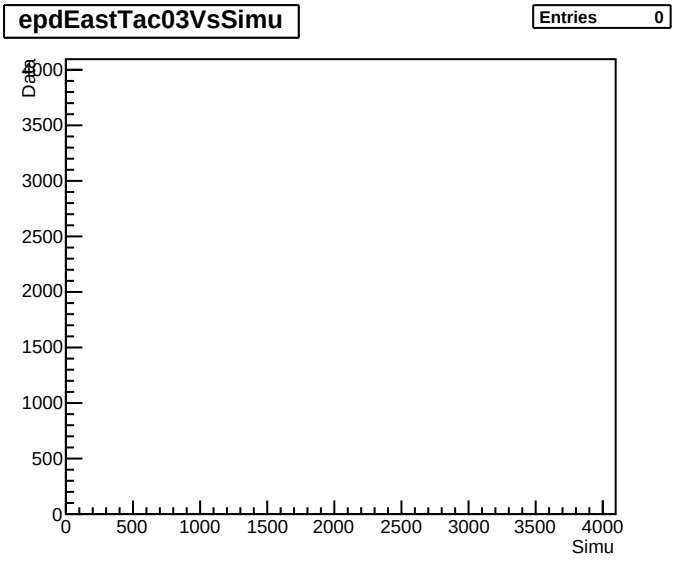
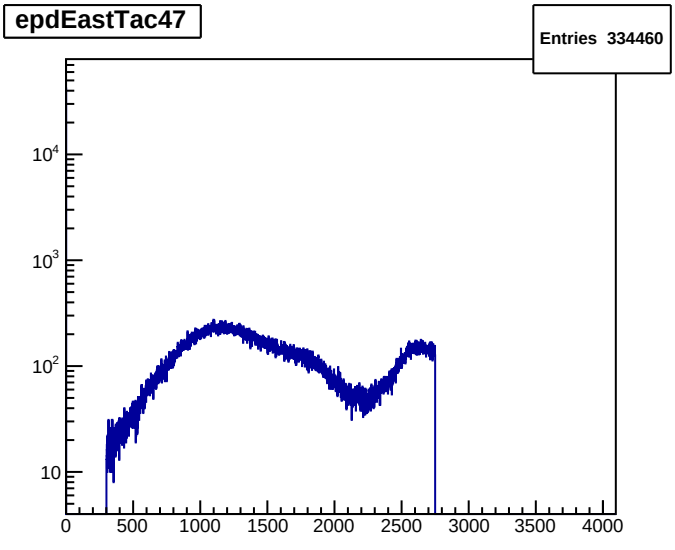
Entries 0
Data-Simu
DSM Input Channel

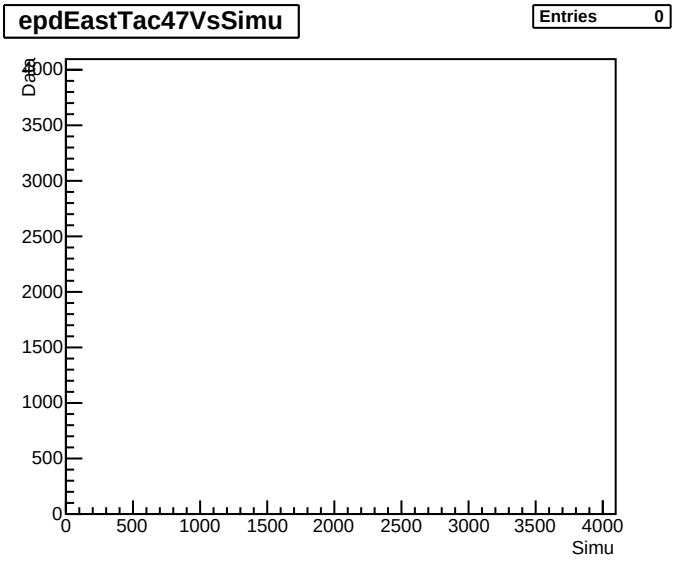

epdWestTHits
Entries 2675680
Truncated NHits
DSMInput Channel

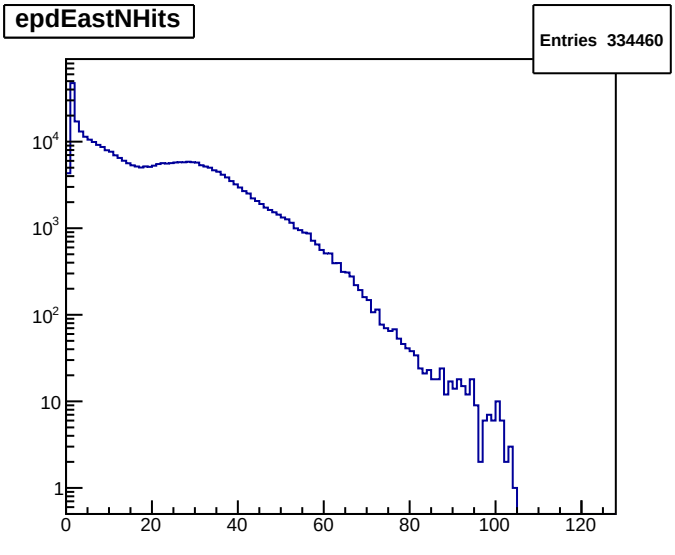

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

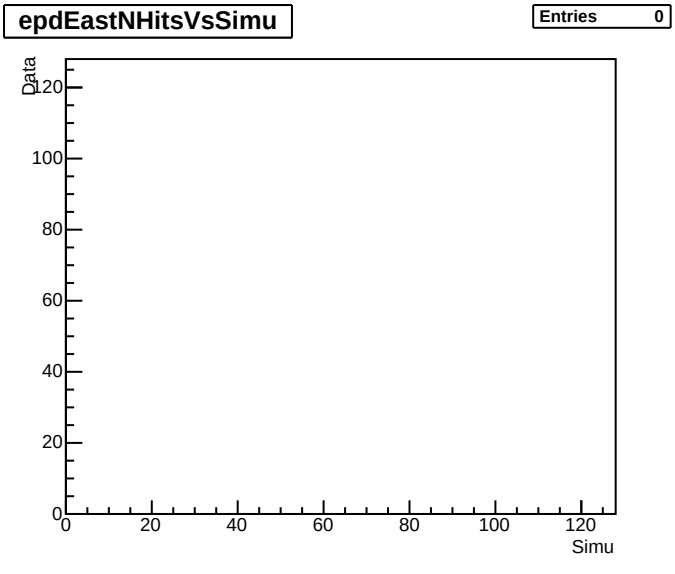

epdEastTac03
Entries 334460

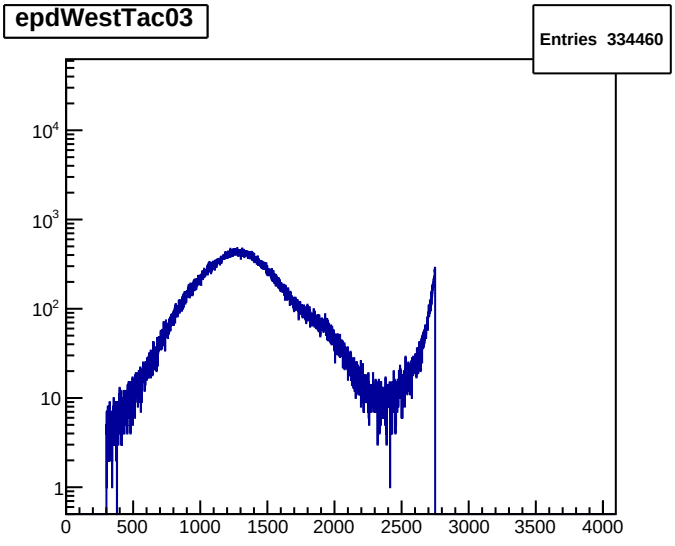

epdEastTac03VsSimu
Entries 0
Data
Simu

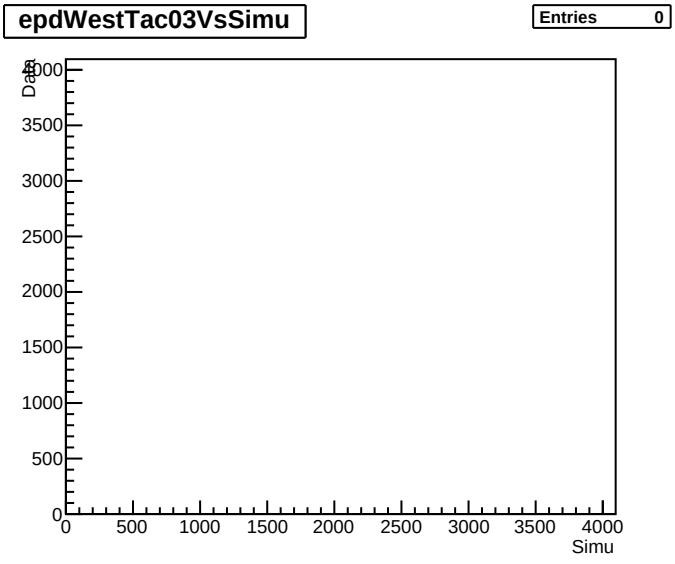

epdEastTac47
Entries 334460


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 334460


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 334460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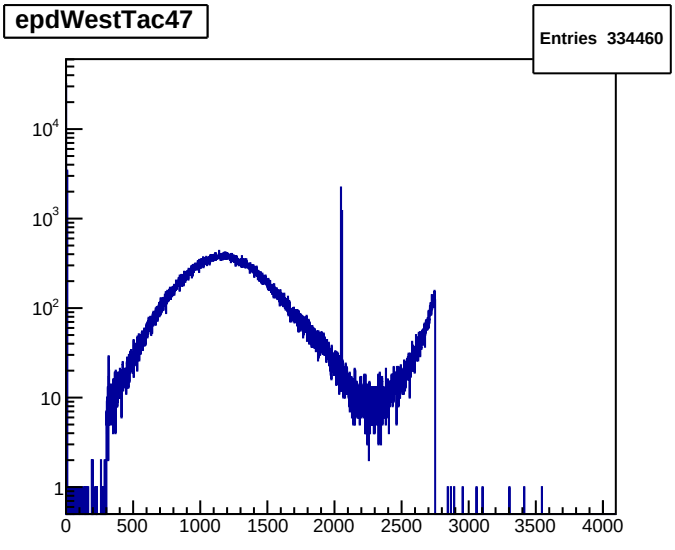
Entries 0
Data
Simu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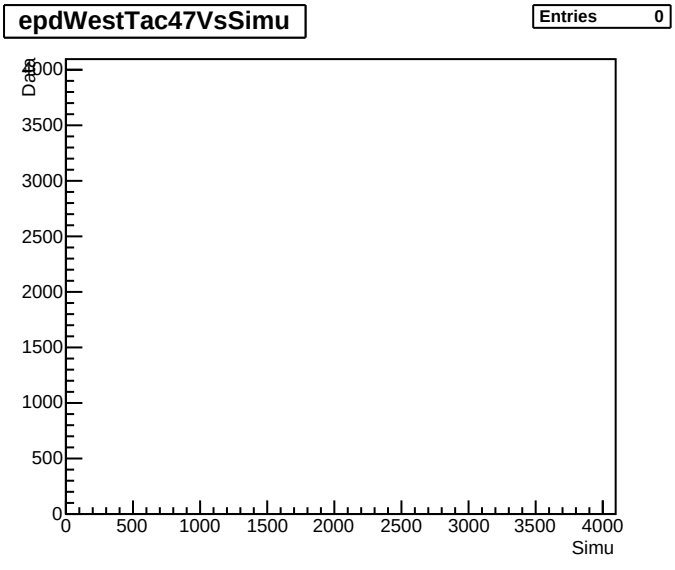
Entries 334460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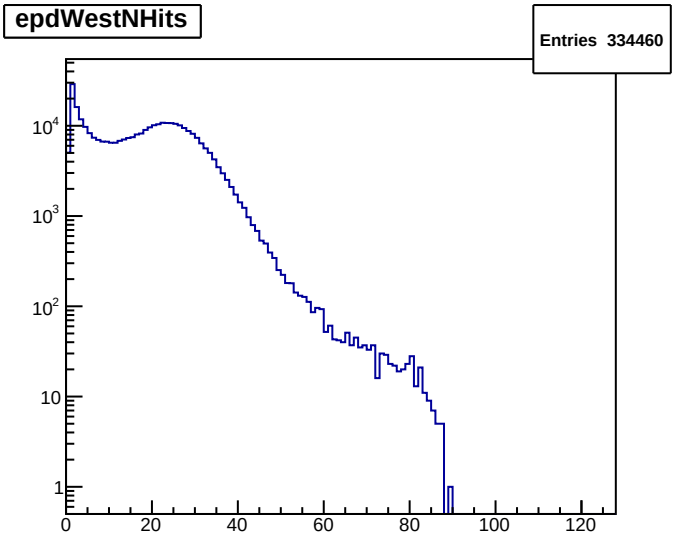
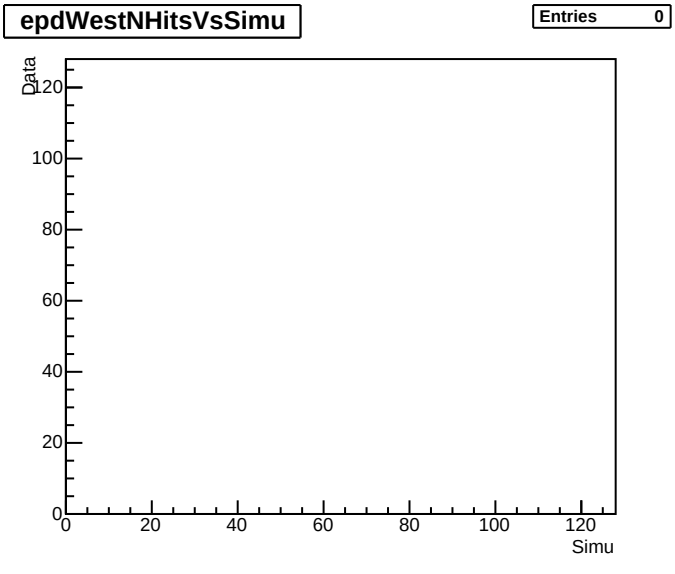
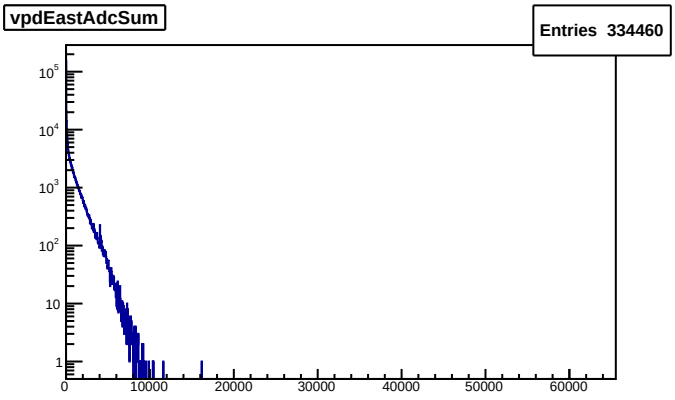
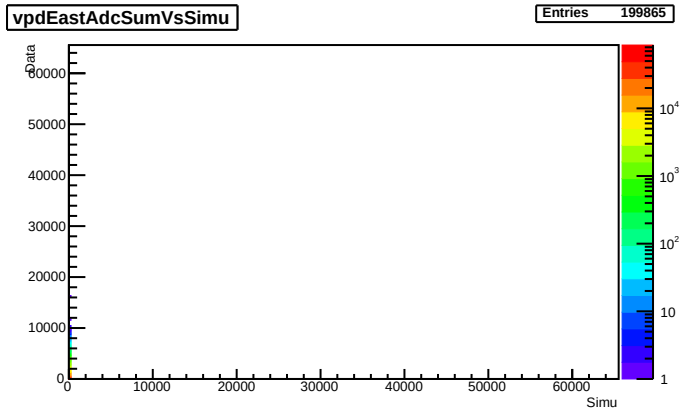
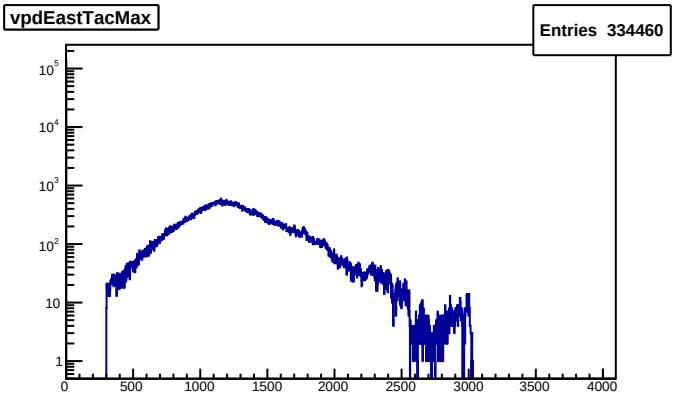
Entries 0
Data
Simu

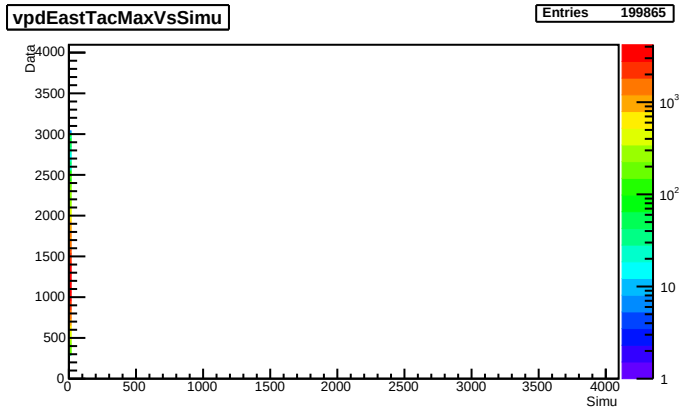

epdWestNHits
Entries 334460

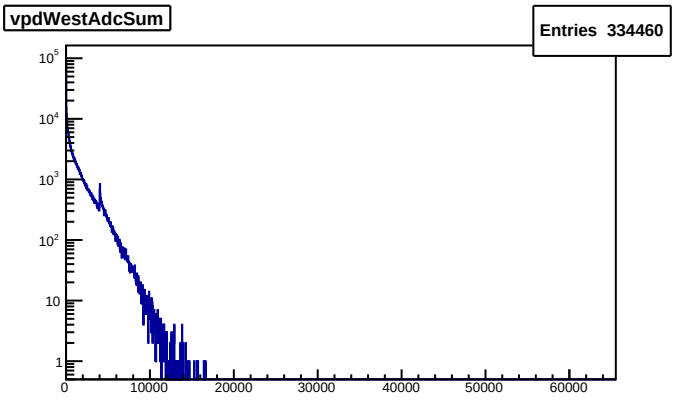

epdWestNHitsVsSimu
Entries 0
Data
Simu

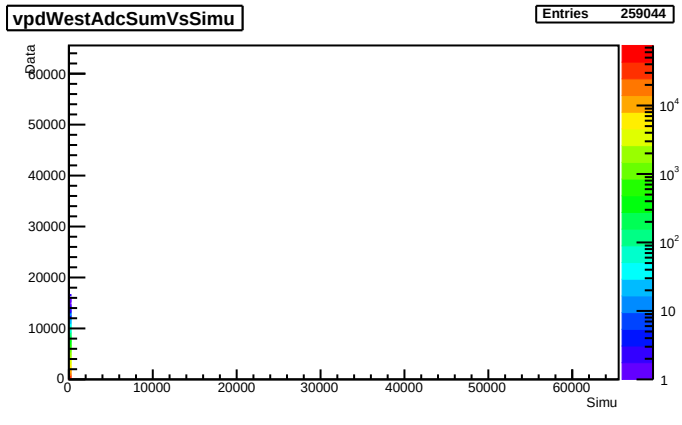

vpdEastAdcSum
Entries 334460

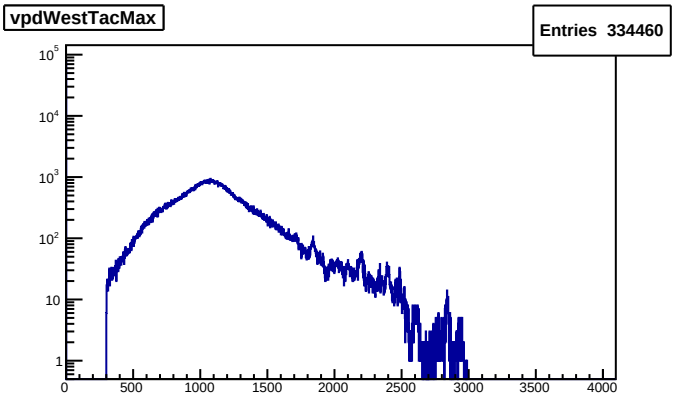

vpdEastAdcSumVsSimu
Entries 199865
Data
Simu

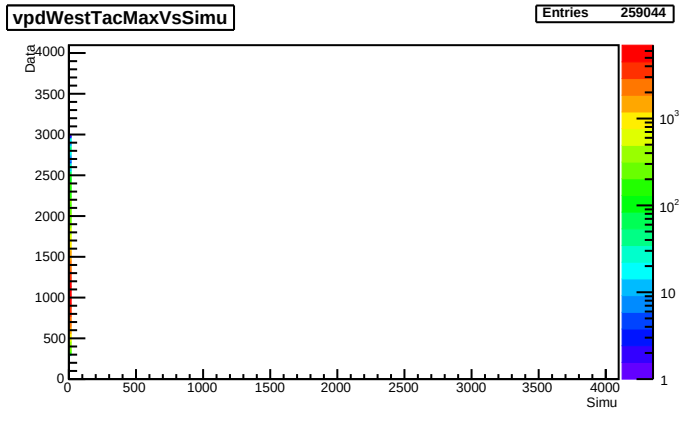

vpdEastTacMax
Entries 334460

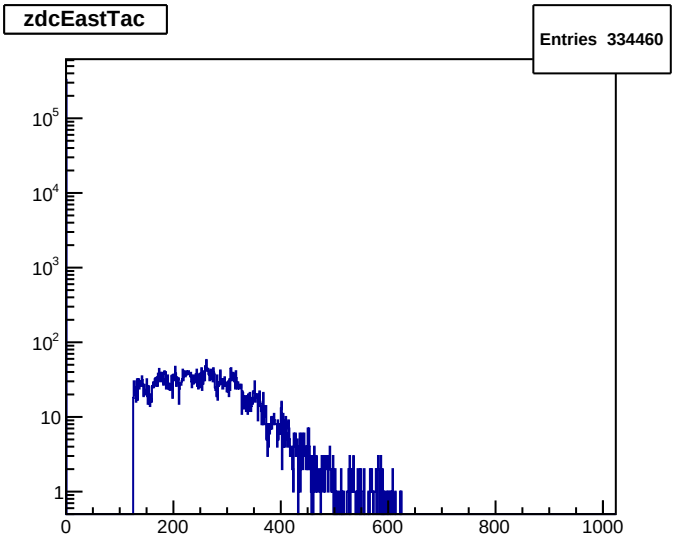

vpdEastTacMaxVsSimu
Entries 199865
Data
Simu

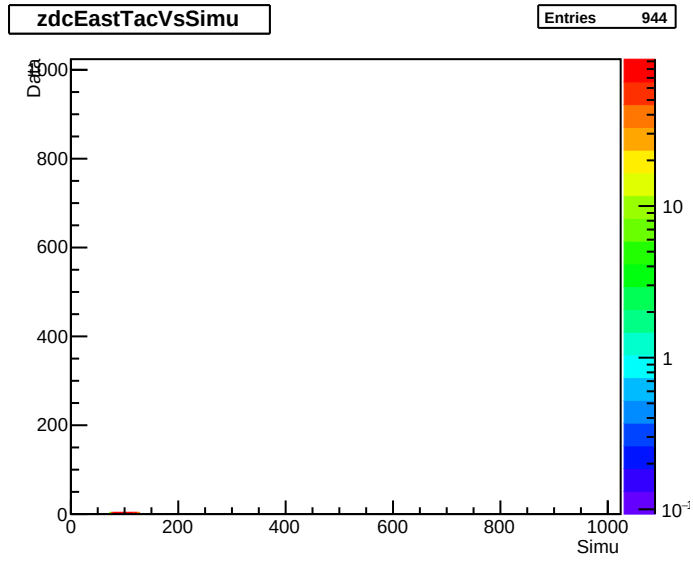

vpdWestAdcSum
Entries 334460

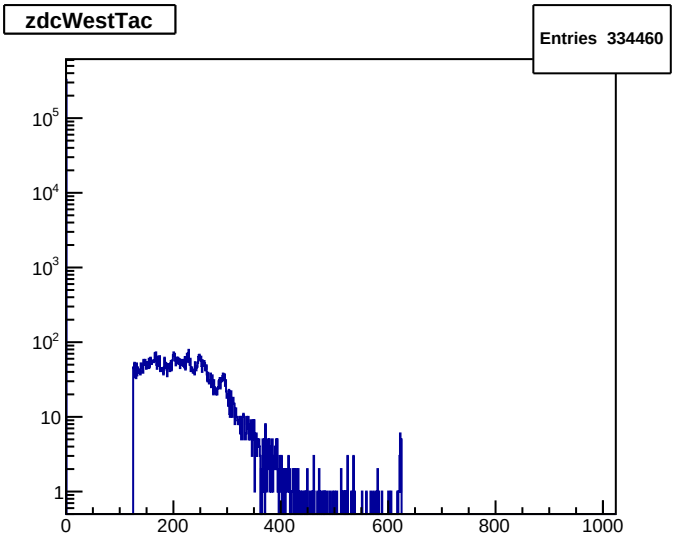

vpdWestAdcSumVsSimu
Entries 259044
Data
Simu

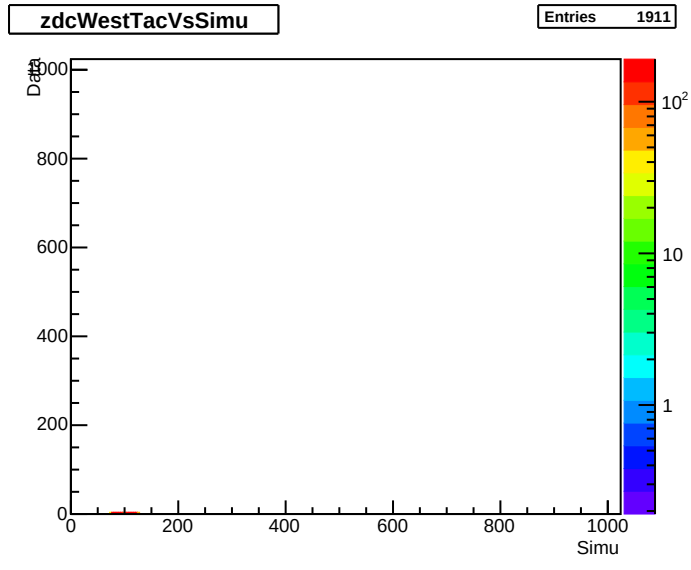

vpdWestTacMax
Entries 334460

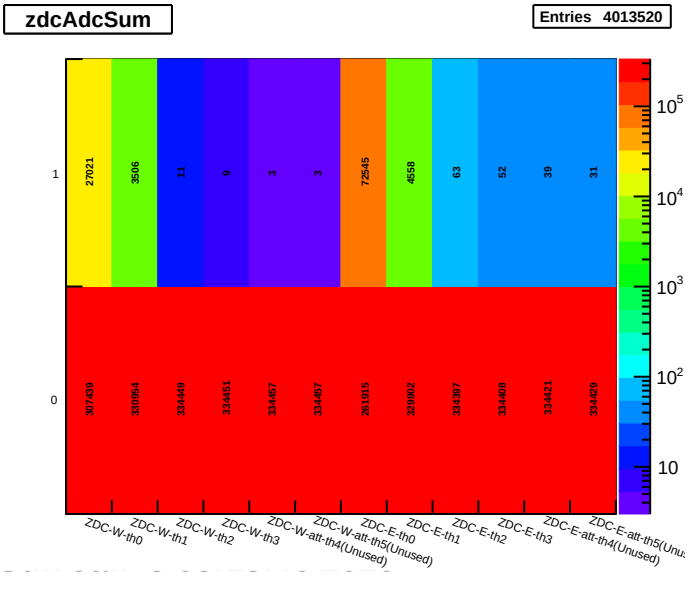

vpdWestTacMaxVsSimu
Entries 259044
Data
Simu

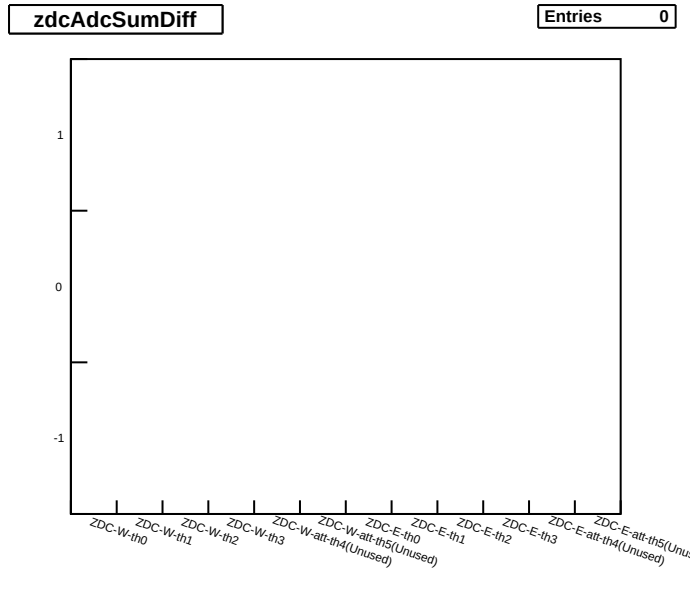

zdcEastTac
Entries 334460

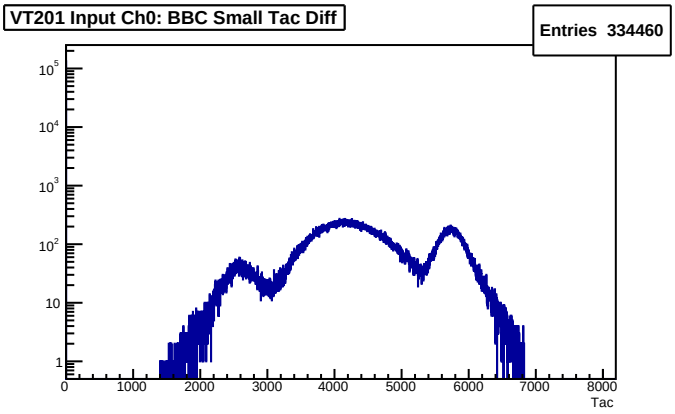

zdcEastTacVsSimu
Entries 944
Data
Simu

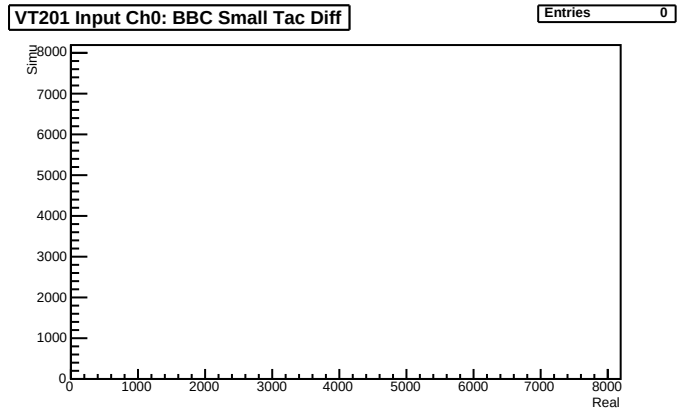

zdcWestTac
Entries 334460

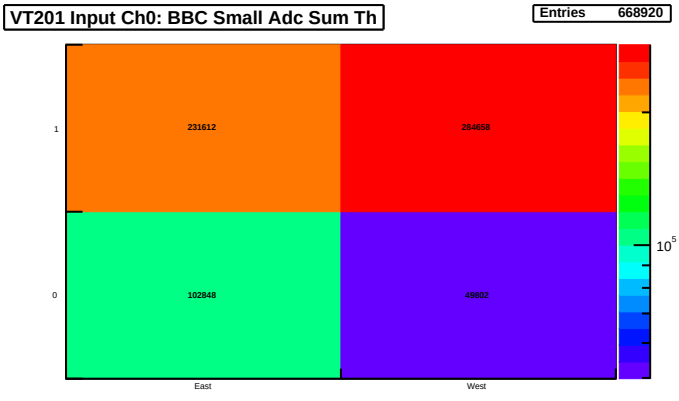

zdcWestTacVsSimu
Entries 1911
Data
Simu

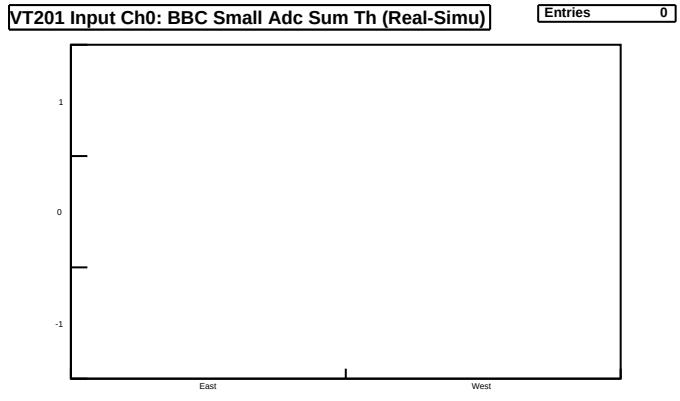

zdcAdcSum
Entries 4013520
27021
3506
11
9
3
3
72545
4558
63
52
39
31
307439
330954
334449
334451
334457
334457
261915
329902
334397
334408
334421
334429
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

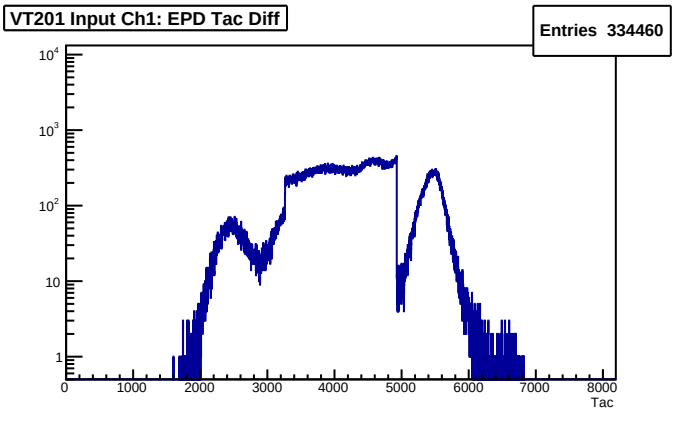

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

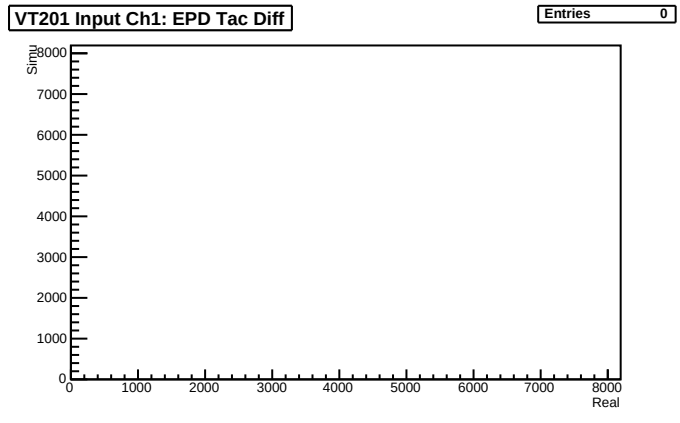

VT201 Input Ch0: BBC Small Tac Diff
Entries 334460
Tac

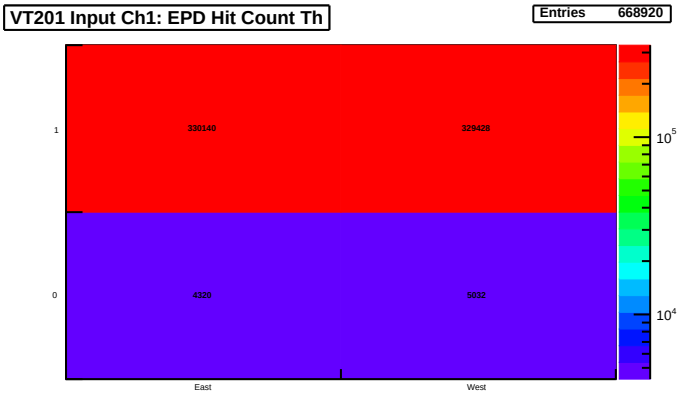

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

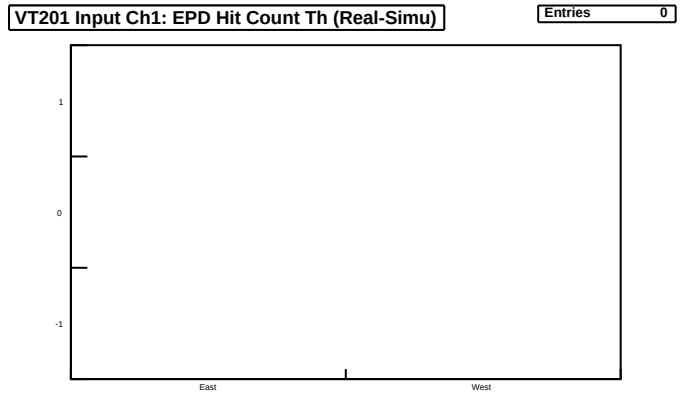

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 668920
231612
284658
102848
49802
East
West

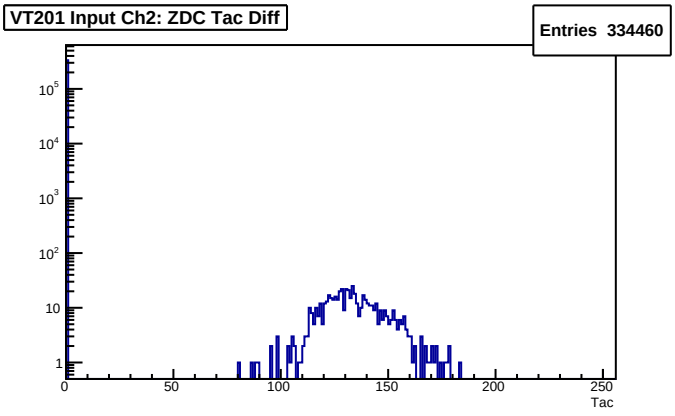

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

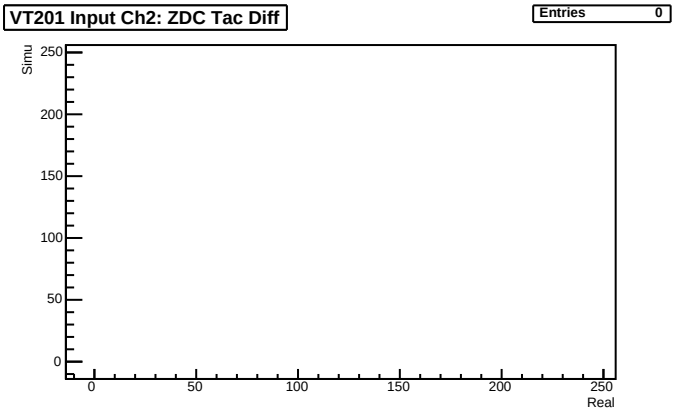

VT201 Input Ch1: EPD Tac Diff
Entries 334460
Tac

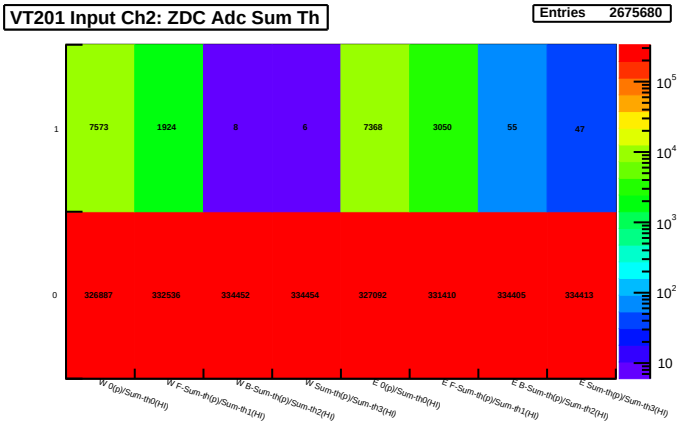

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

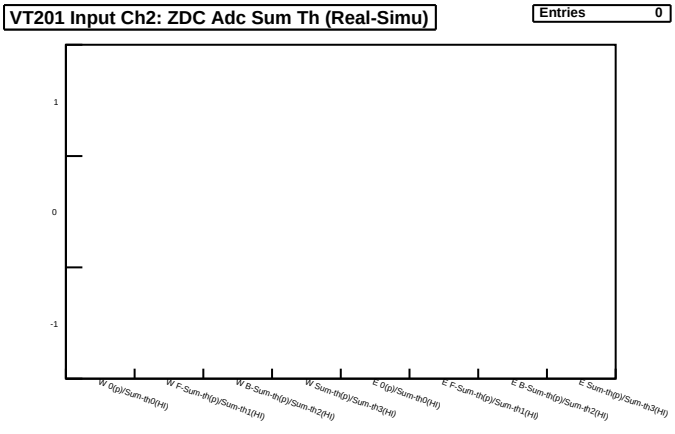

VT201 Input Ch1: EPD Hit Count Th
Entries 668920
330140
329428
4320
5032
East
West

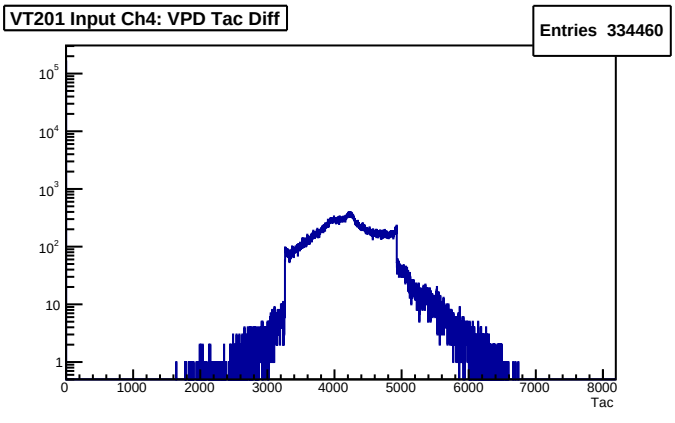

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

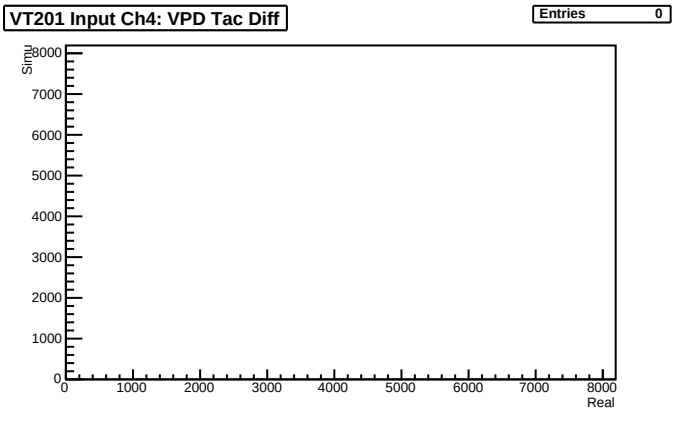

VT201 Input Ch2: ZDC Tac Diff
Entries 334460
Tac

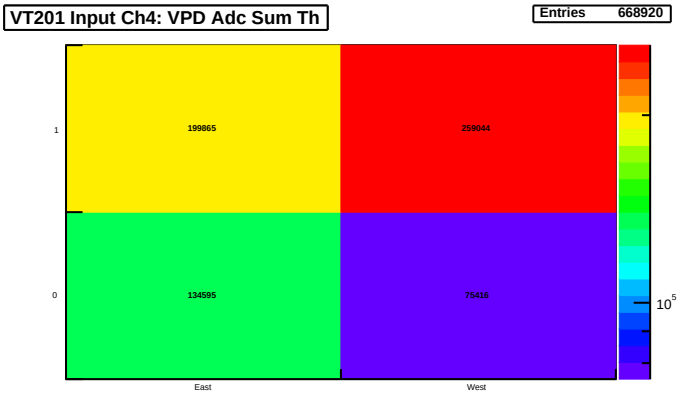

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

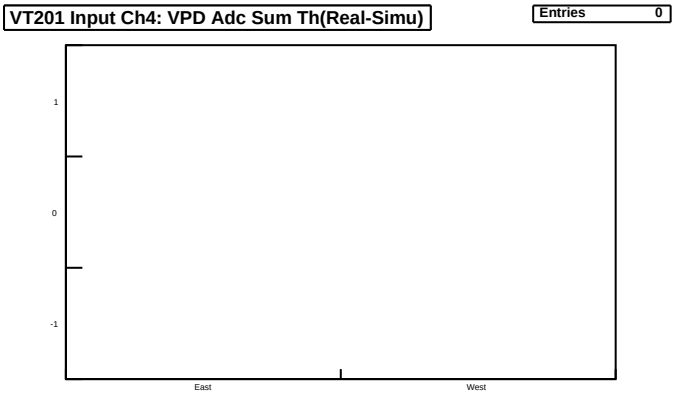

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2675680
7573
1924
8
6
7368
3050
55
47
326887
332536
334452
334454
327092
331410
334405
334413
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

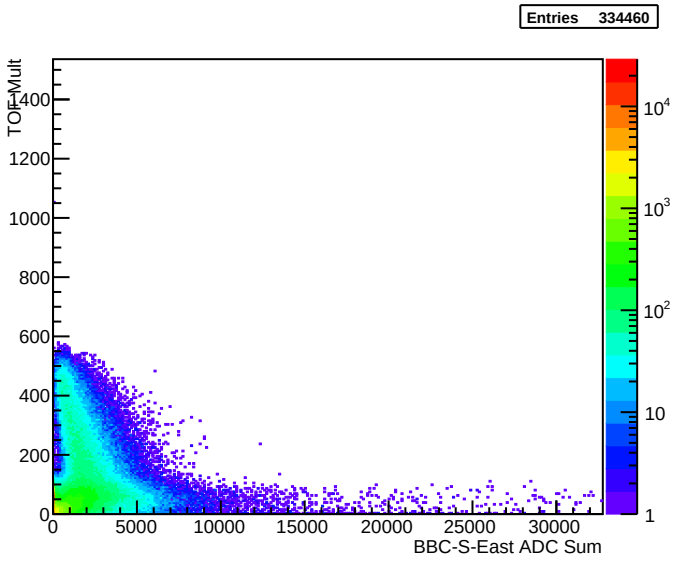

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

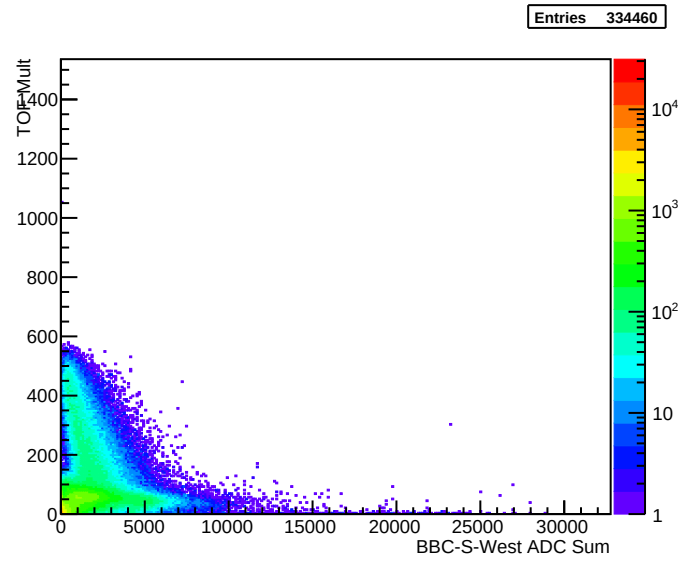

VT201 Input Ch4: VPD Tac Diff
Entries 334460
Tac

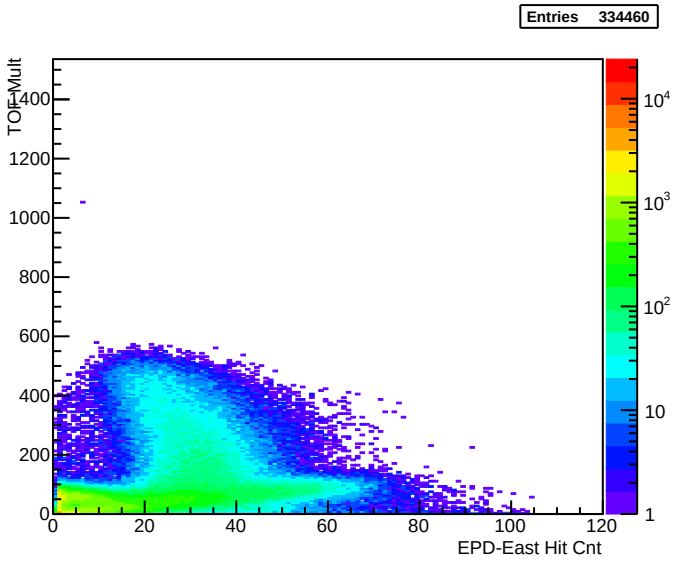

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

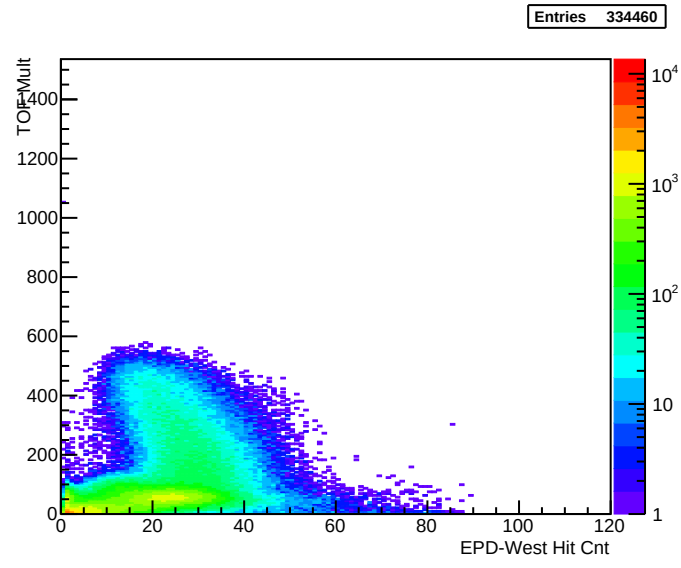

VT201 Input Ch4: VPD Adc Sum Th
Entries 668920
199865
259044
134595
75416
East
West

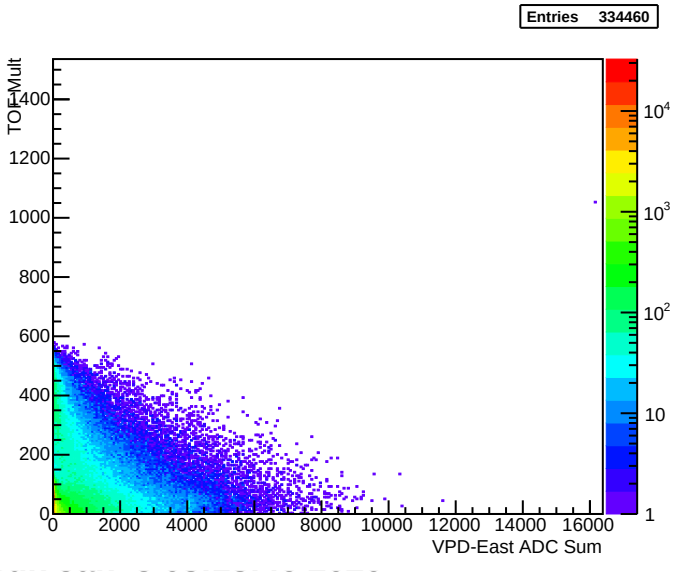

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

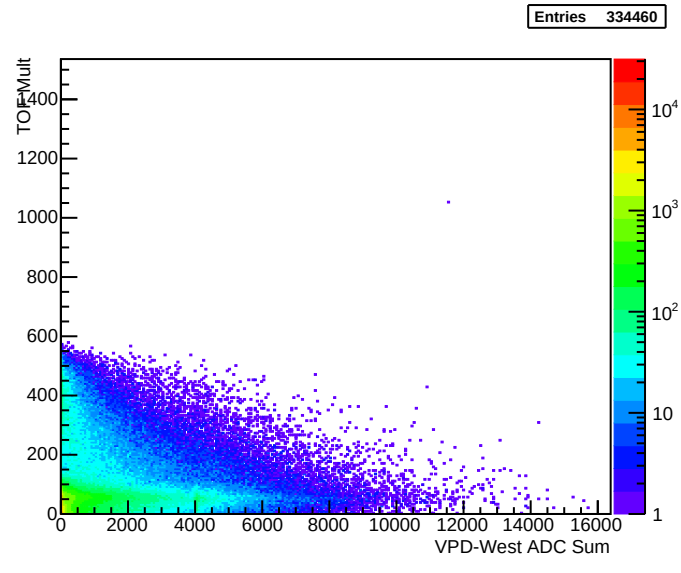

Entries 334460
TOF-Mult
BBC-S-East ADC Sum

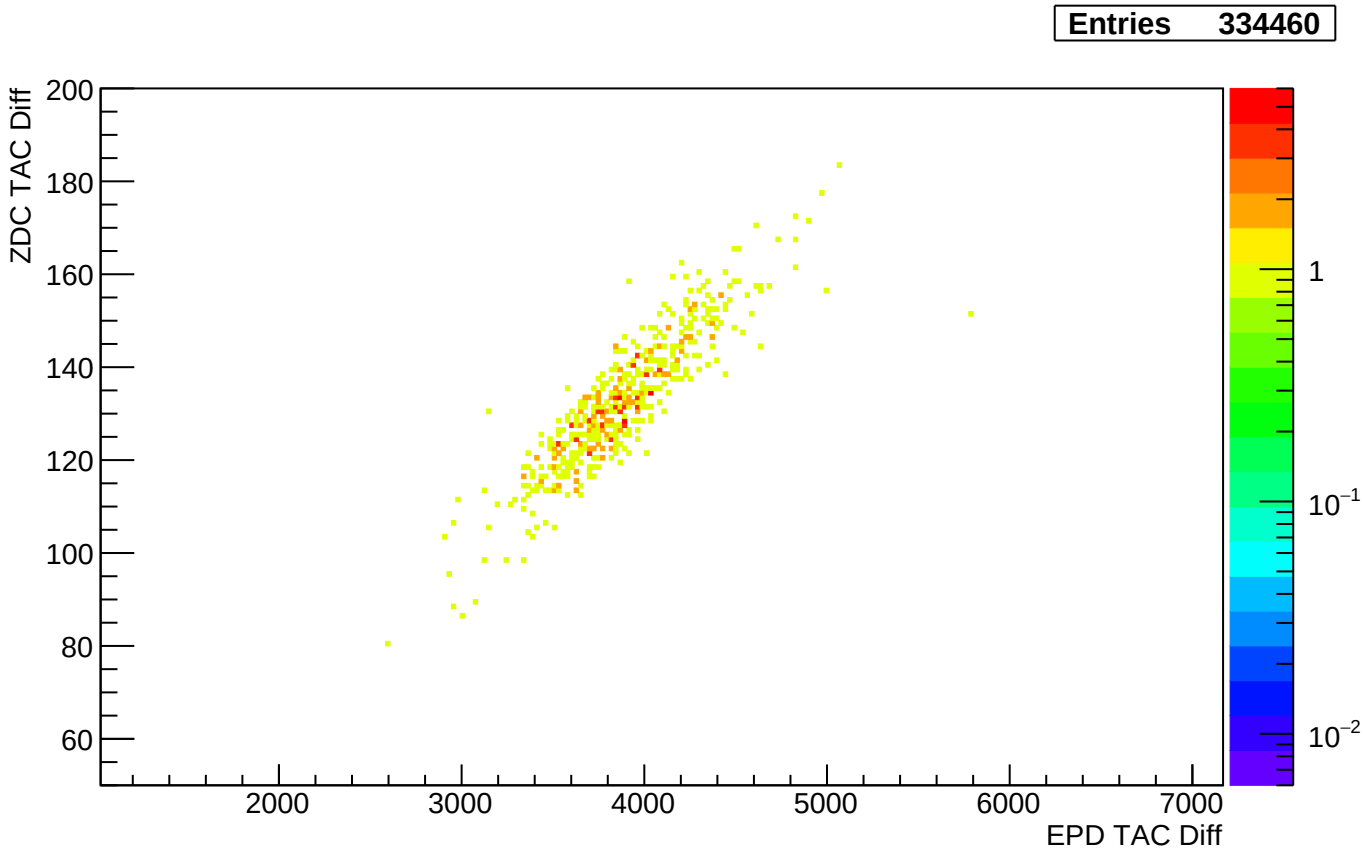

Entries 334460
TOF-Mult
BBC-S-West ADC Sum

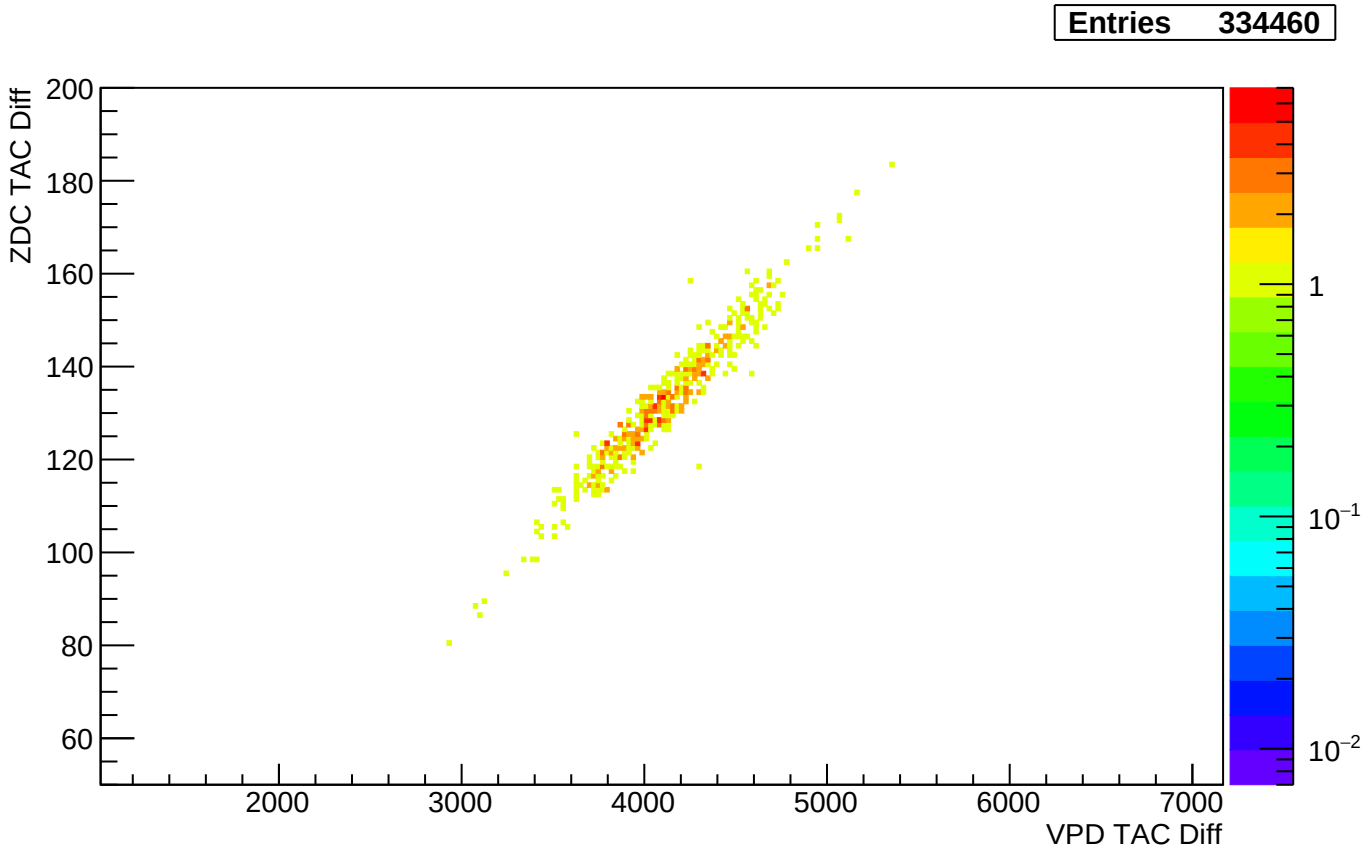

Entries 334460
TOF-Mult
EPD-East Hit Cnt

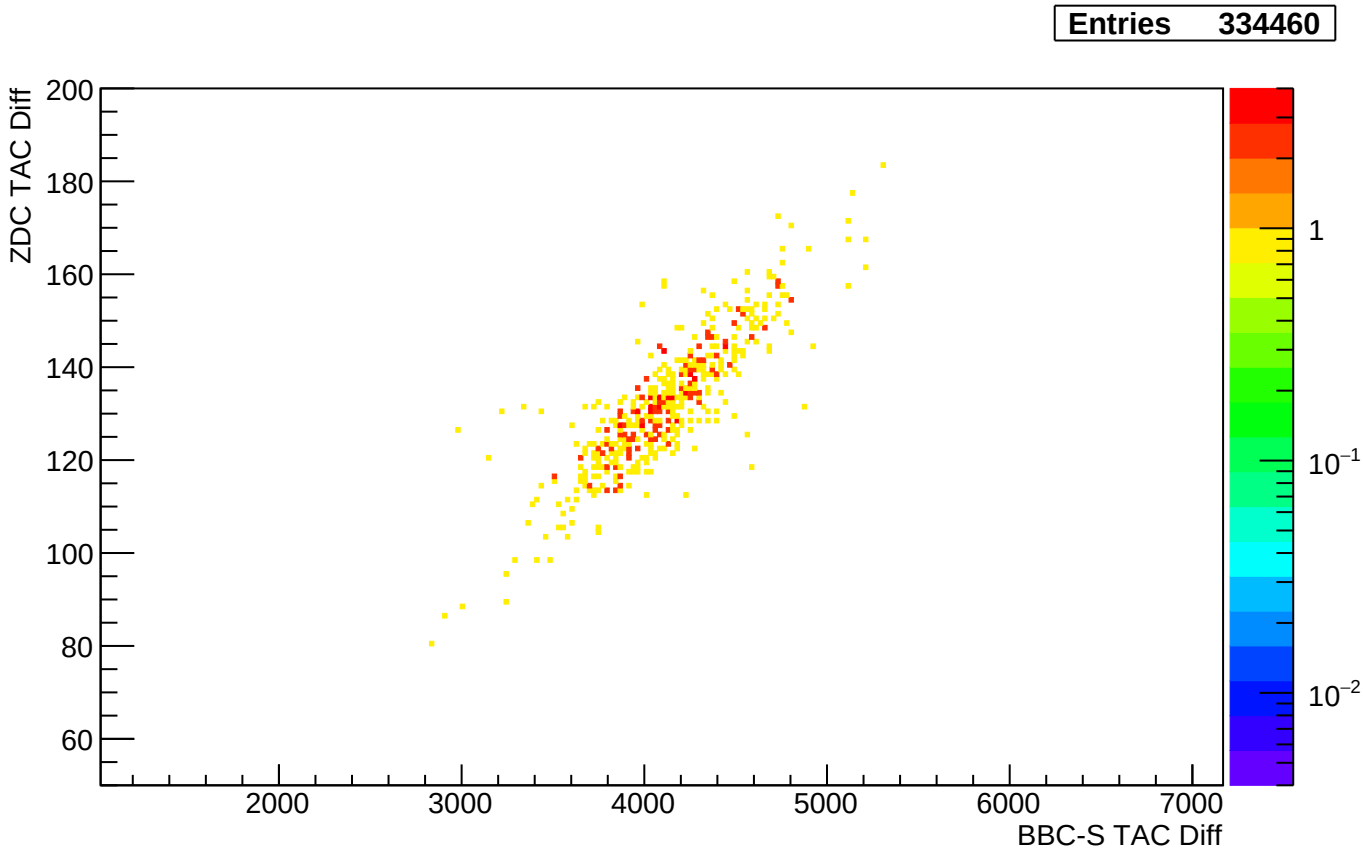

Entries 334460
TOF-Mult
EPD-West Hit Cnt

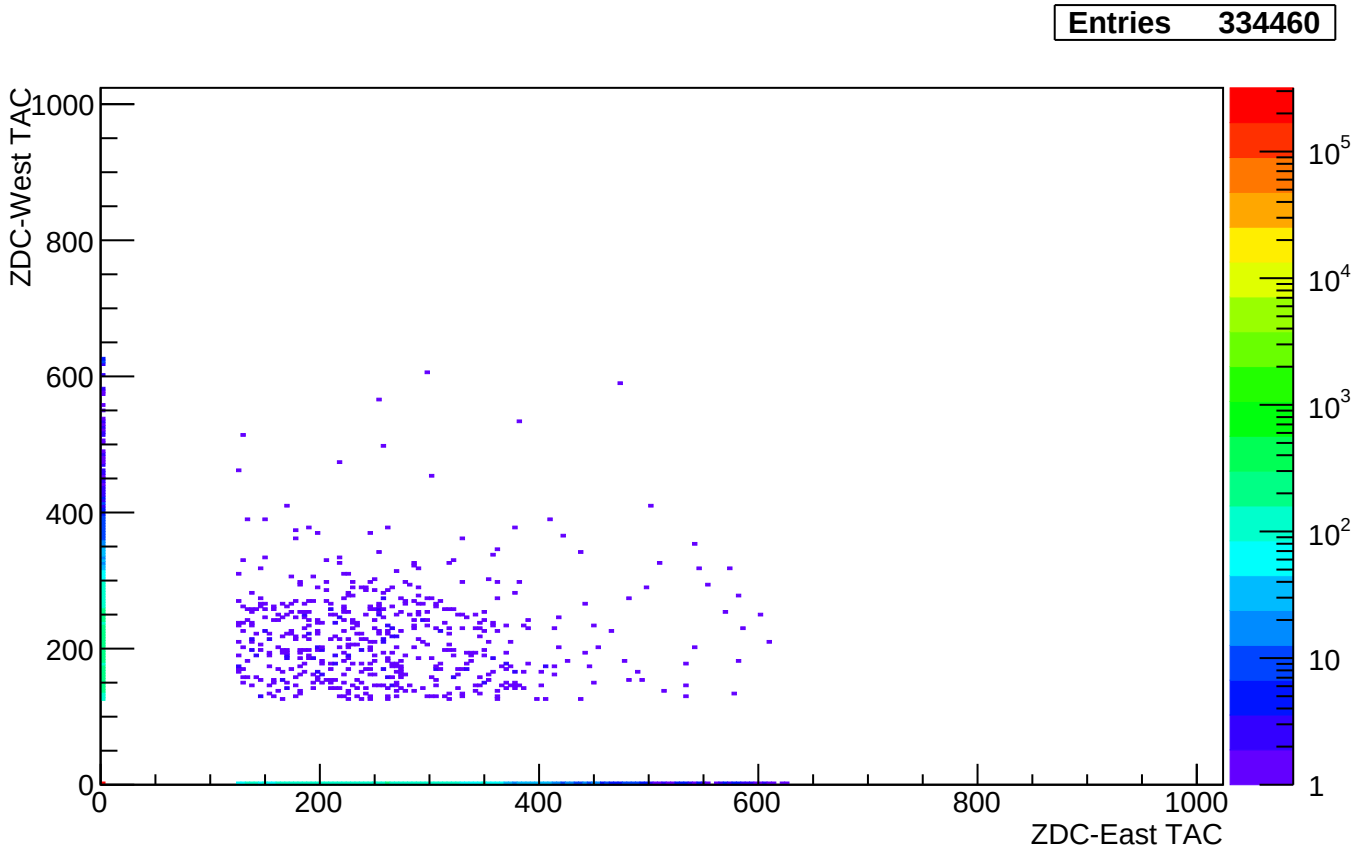

Entries 334460
TOF-Mult
VPD-East ADC Sum

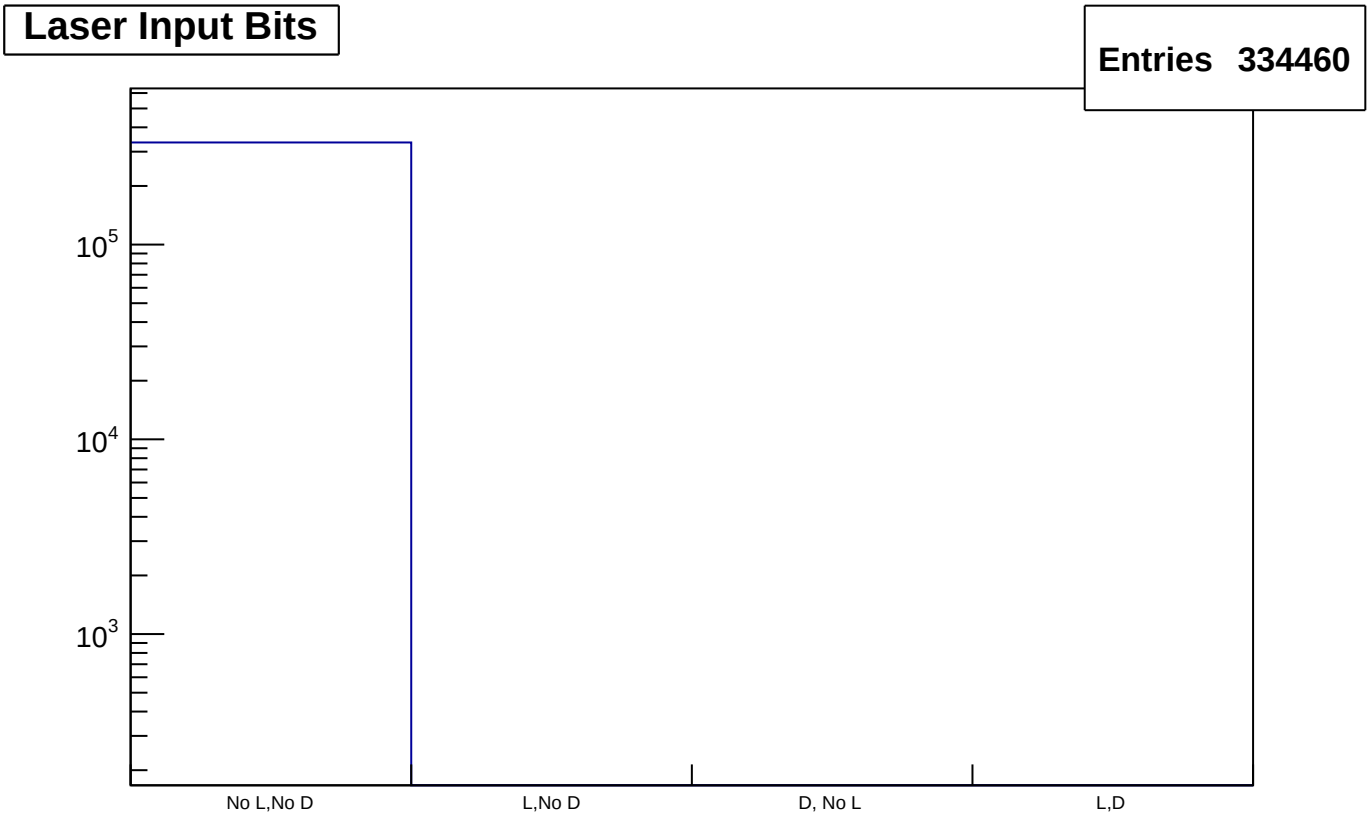

Entries 334460
TOF-Mult
VPD-West ADC Sum

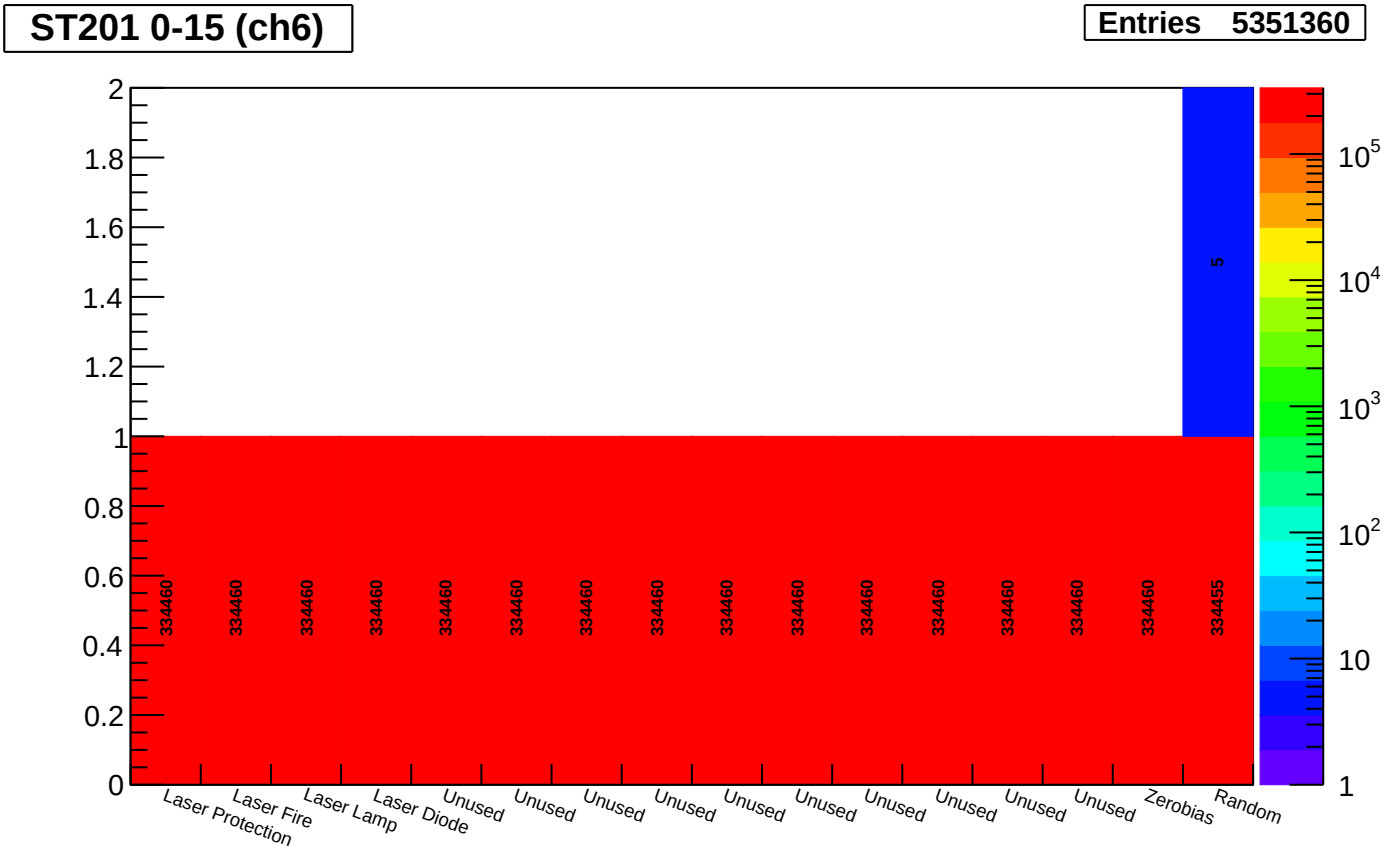

Entries 334460
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

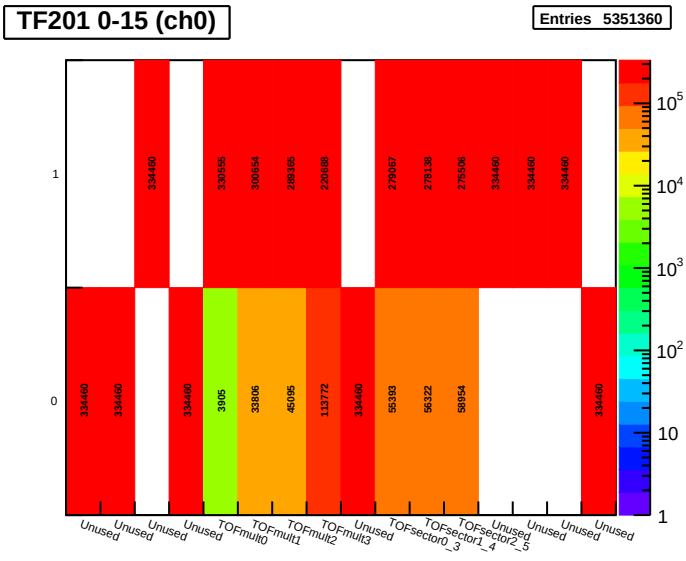

Entries 334460
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

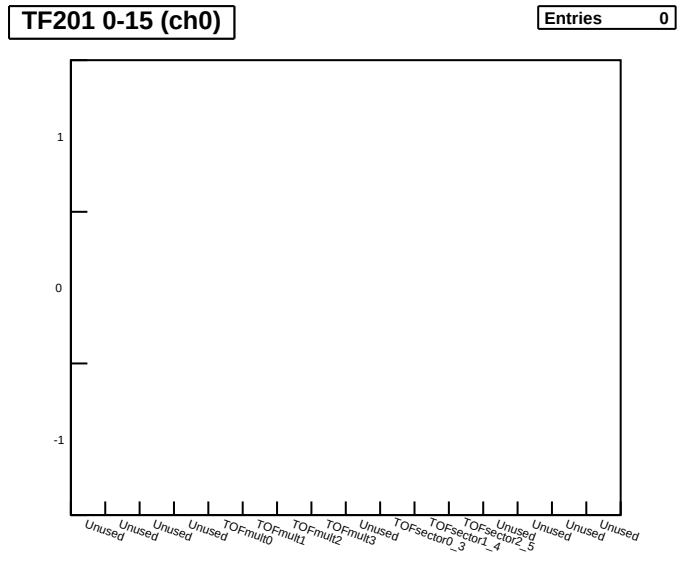

Entries 334460
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

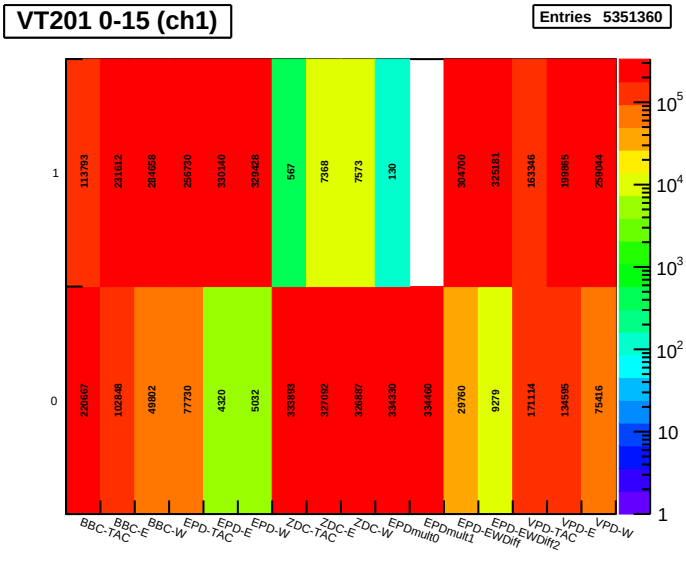

Entries 334460
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

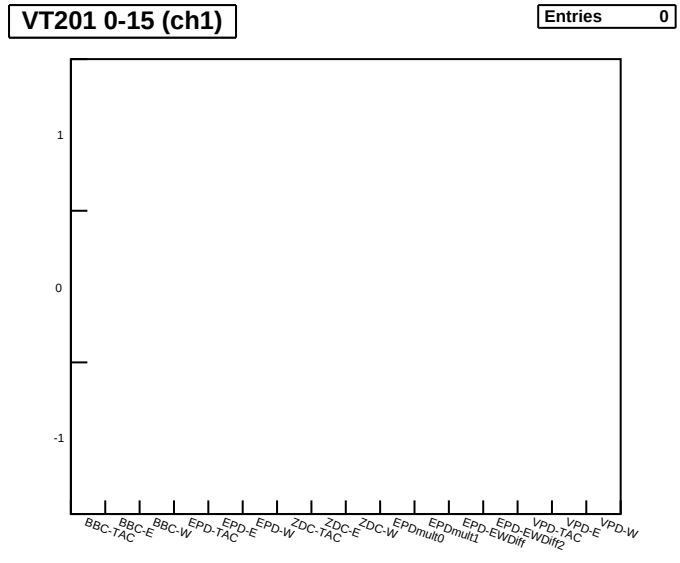

Laser Input Bits
Entries 334460
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

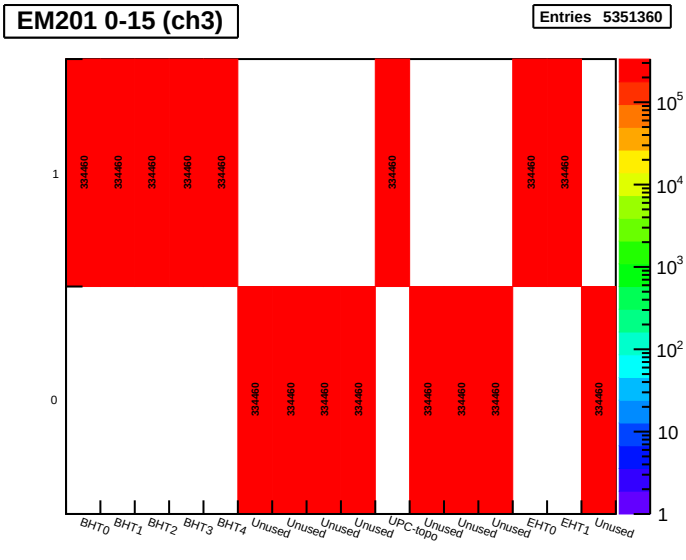

ST201 0-15 (ch6)
Entries 5351360
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
334460
334455
5
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

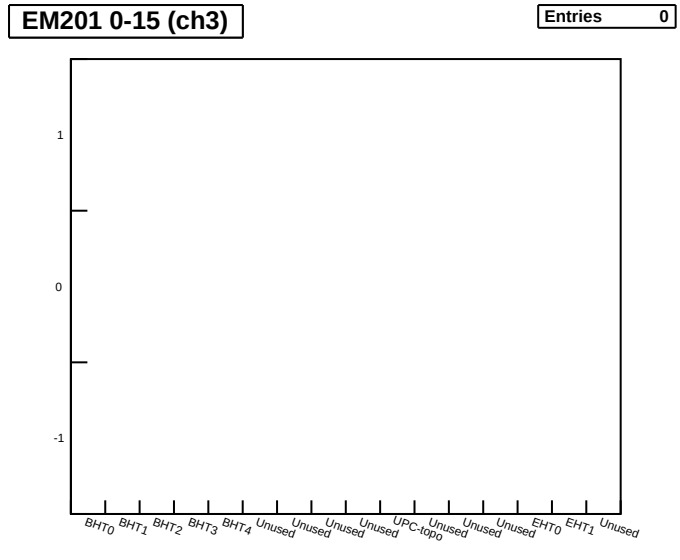

TF201 0-15 (ch0)
Entries 5351360
1
0
334460
330555
300654
288365
220688
279067
278138
275506
334460
334460
334460
334460
334460
334460
3905
33806
45095
113772
334460
55393
56322
58954
334460
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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
Unused


VT201 0-15 (ch1)
Entries 5351360
1
0
113793
23612
284658
256730
330140
329428
567
7368
7573
130
304700
325181
163346
199865
259044
220667
102848
49802
77730
4320
5032
333893
327092
326887
334330
334460
29760
9279
171114
134595
75416
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 5351360
1
0
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
334460
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