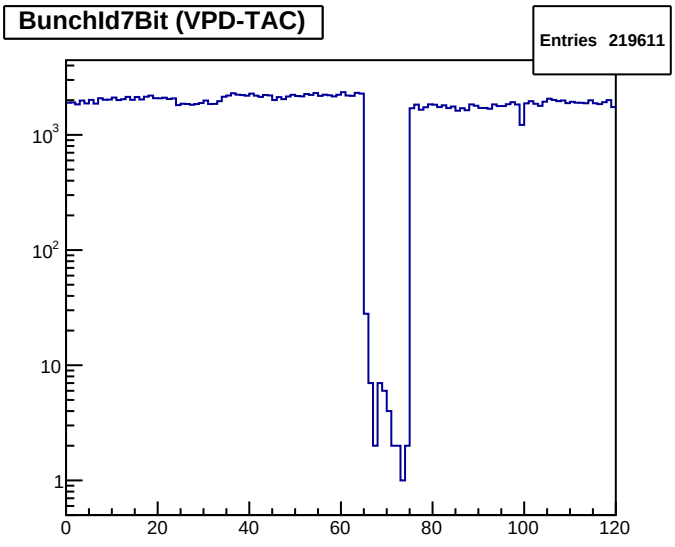
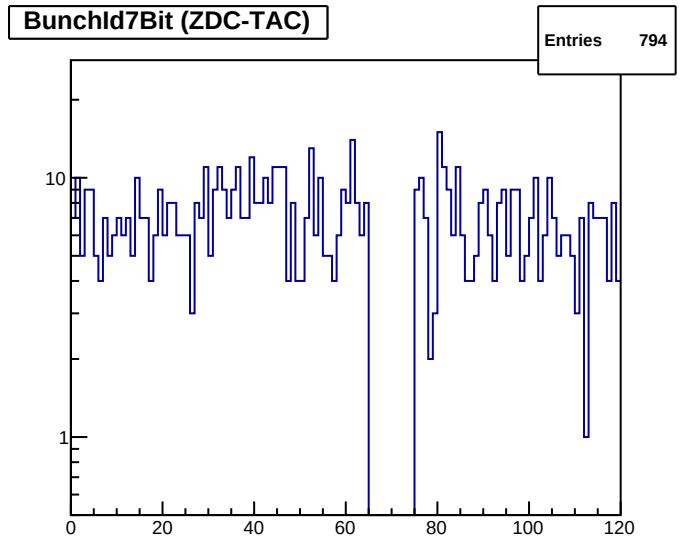
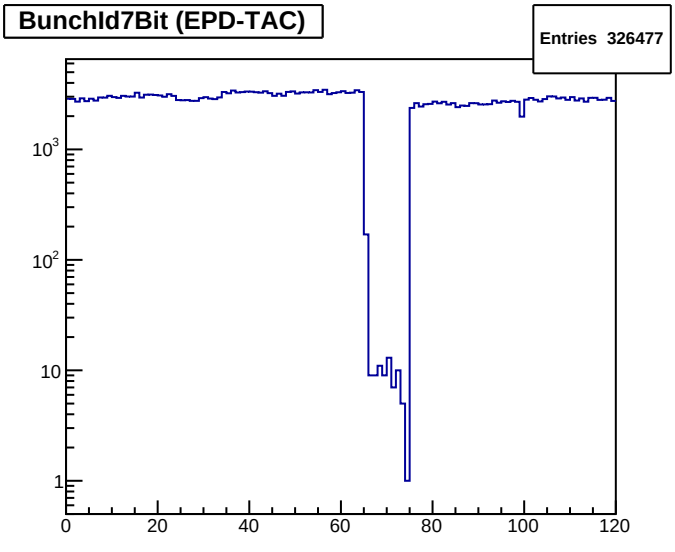
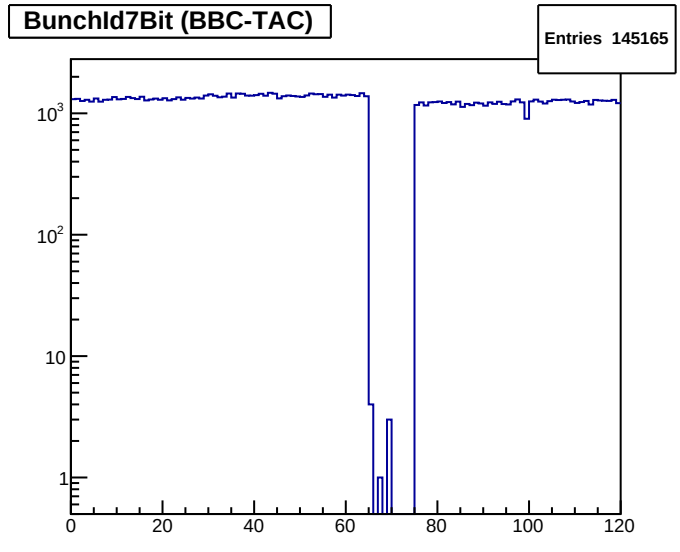
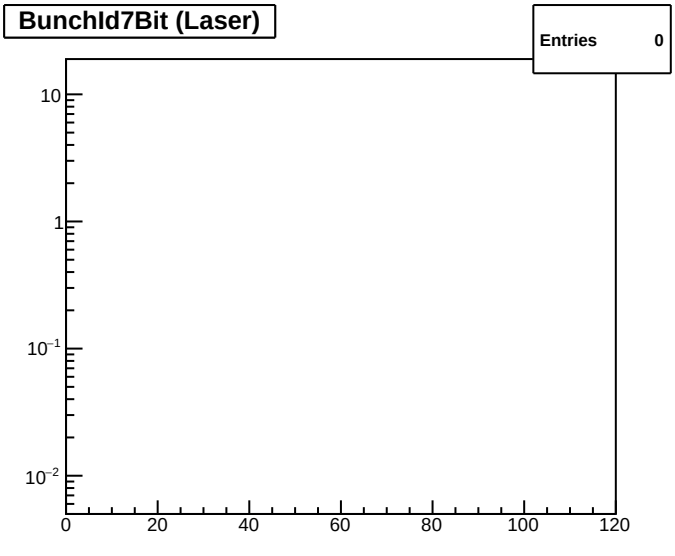
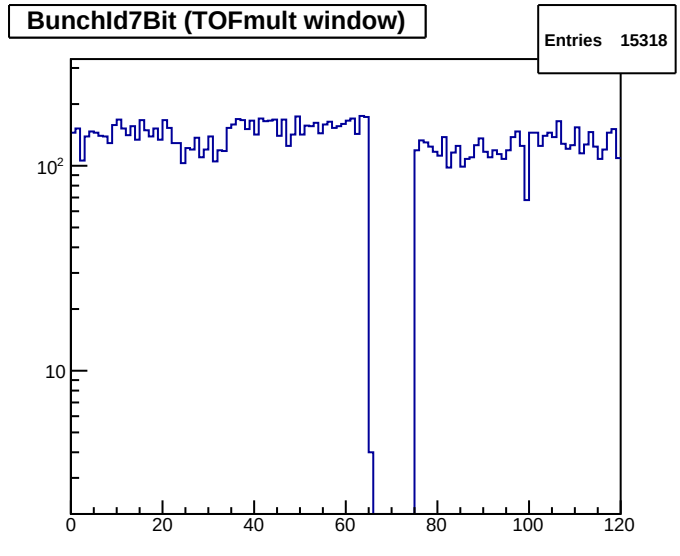

BunchId7Bit (VPD-TAC)
Entries 219611

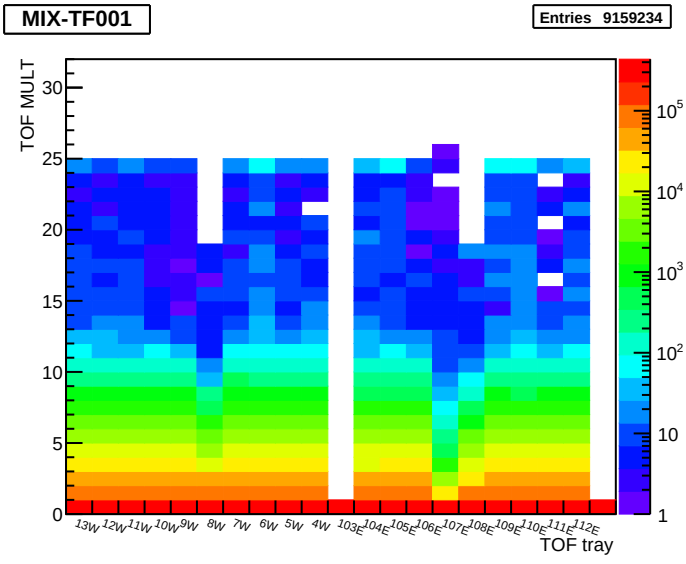

BunchId7Bit (ZDC-TAC)
Entries 794

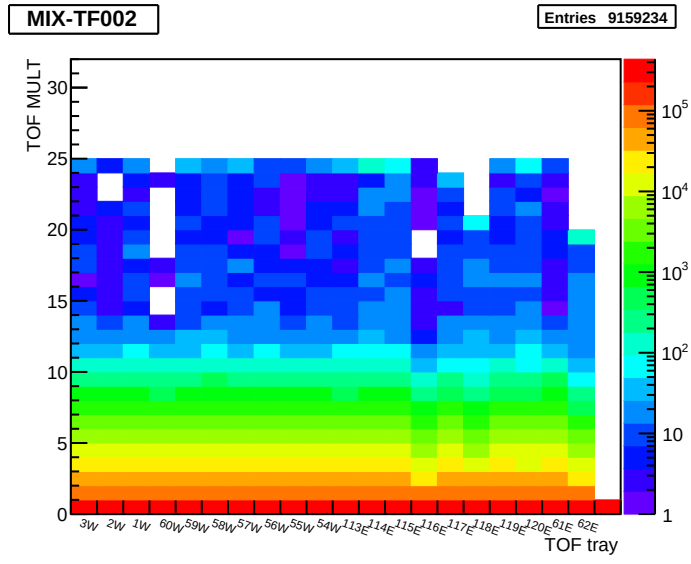

BunchId7Bit (EPD-TAC)
Entries 326477

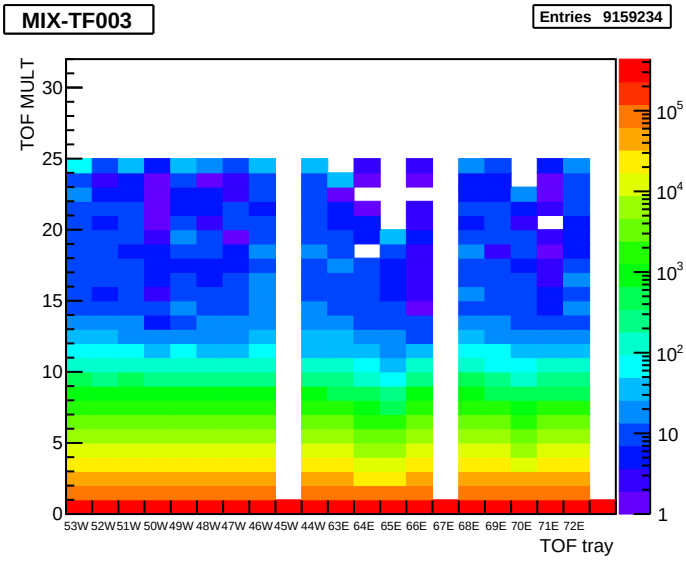

BunchId7Bit (BBC-TAC)
Entries 145165

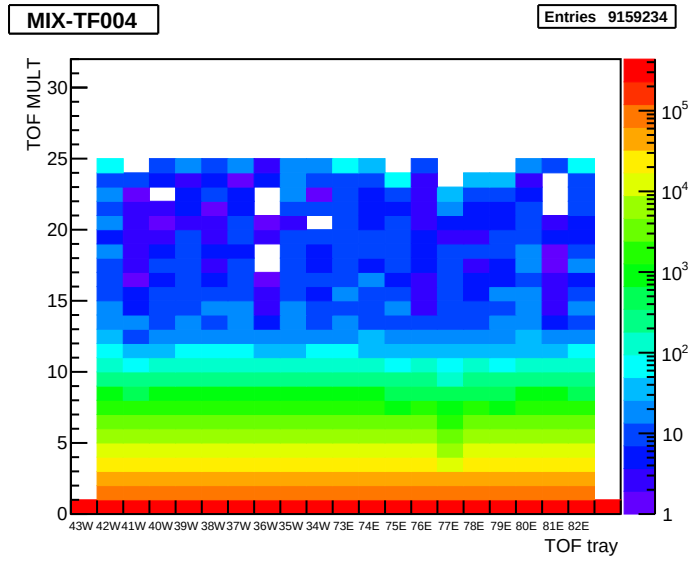

BunchId7Bit (Laser)
Entries 0

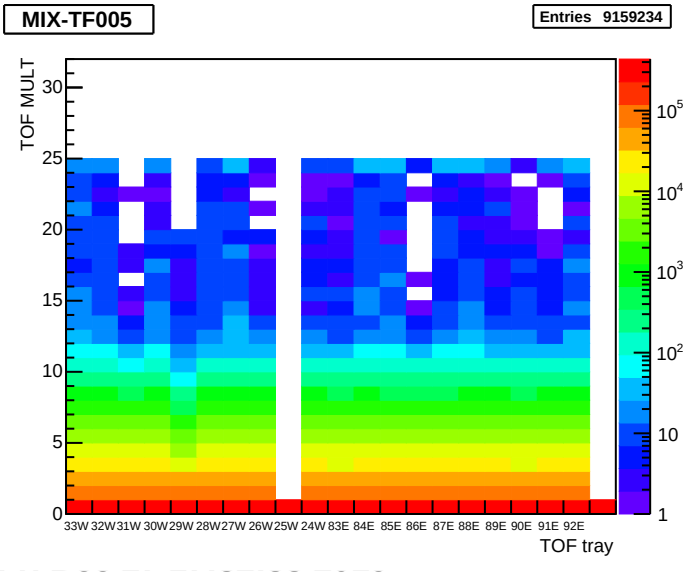

BunchId7Bit (TOFmult window)
Entries 15318

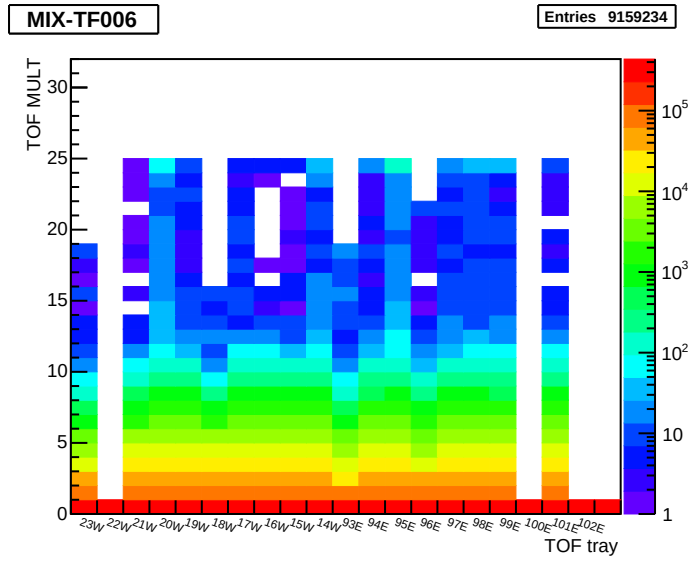

MIX-TF001
Entries 9159234
TOF MULT
TOF tray

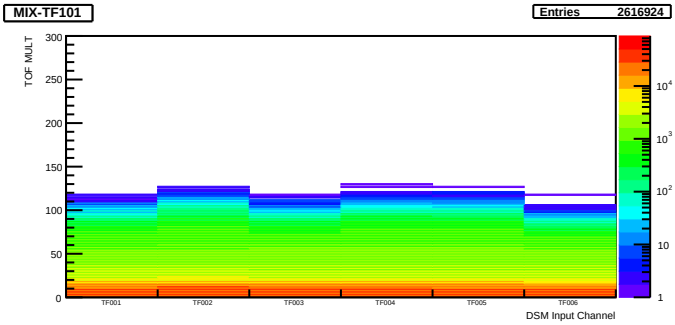

MIX-TF002
Entries 9159234
TOF MULT
TOF tray

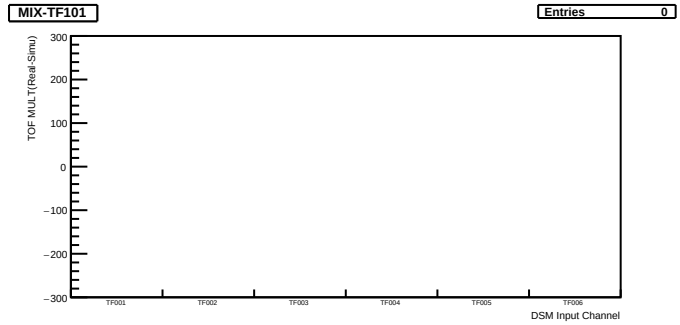

MIX-TF003
Entries 9159234
TOF MULT
TOF tray

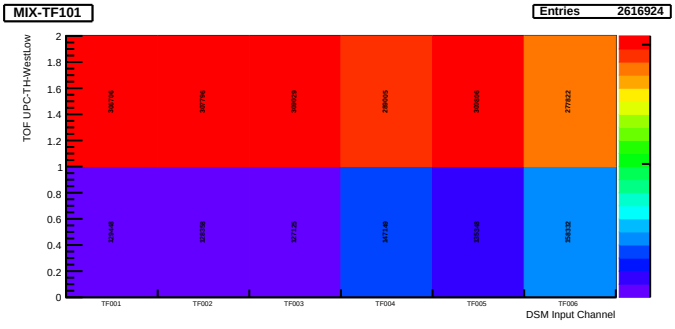

MIX-TF004
Entries 9159234
TOF MULT
TOF tray

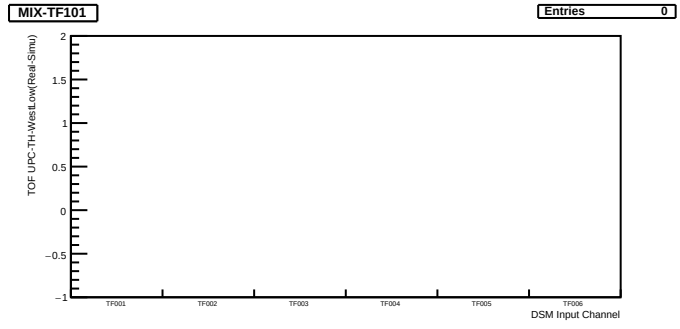

MIX-TF005
Entries 9159234
TOF MULT
TOF tray

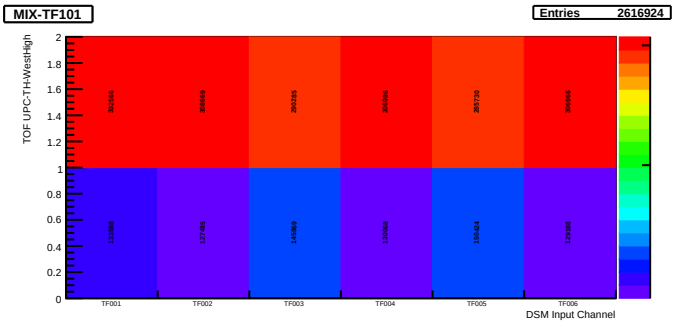

MIX-TF006
Entries 9159234
TOF MULT
TOF tray

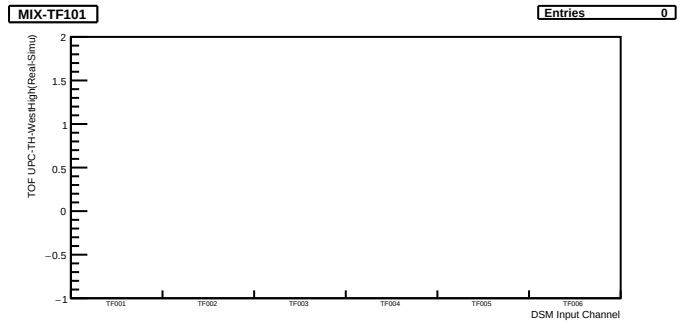

MIX-TF101
Entries 2616924
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

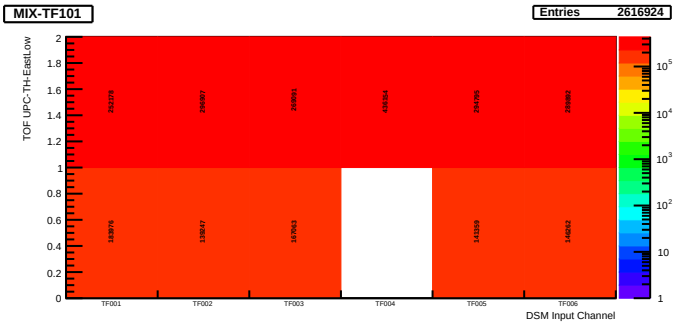

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

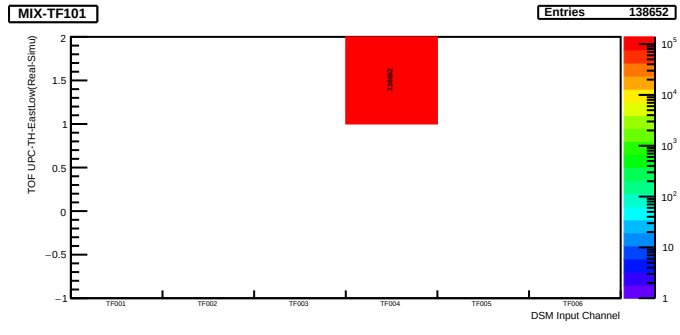

MIX-TF101
Entries 2616924
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

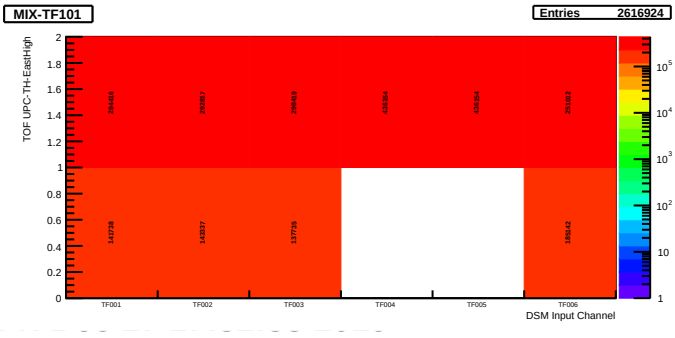

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

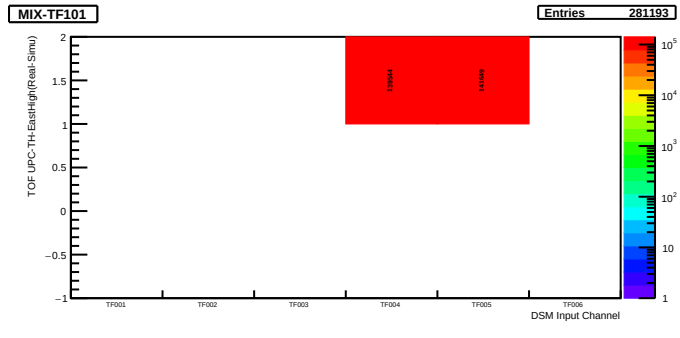

MIX-TF101
Entries 2616924
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

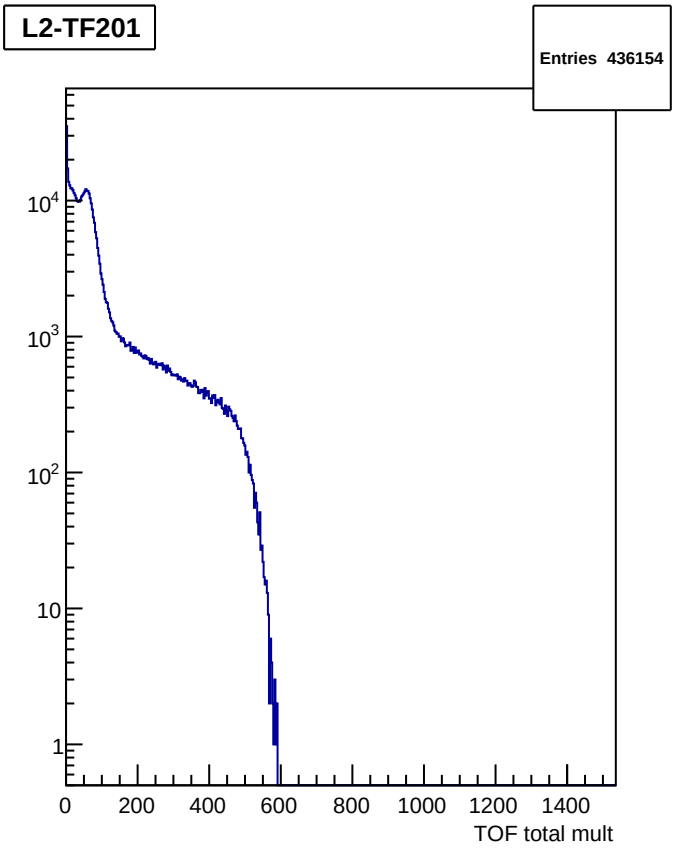

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

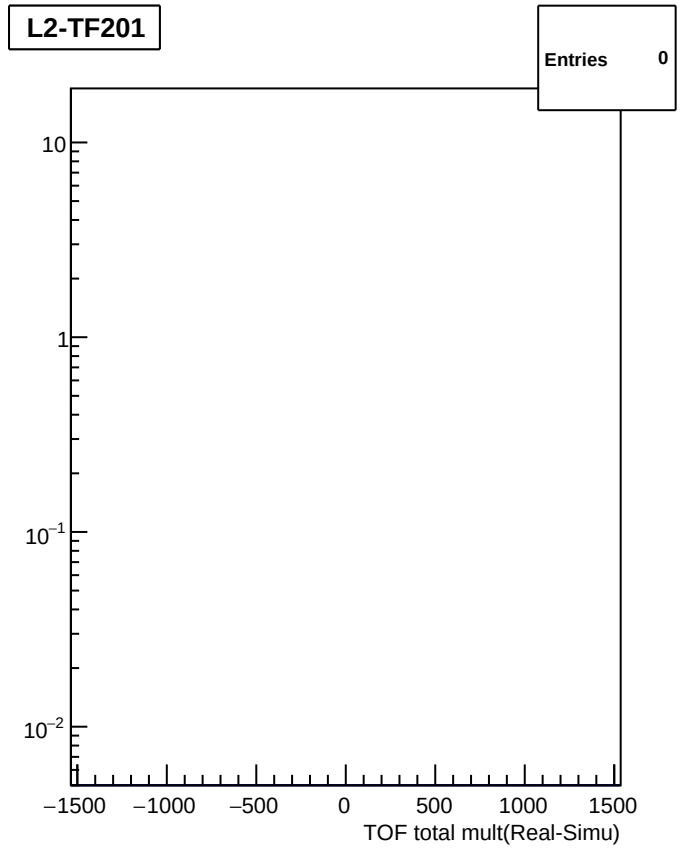

MIX-TF101
Entries 2616924
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

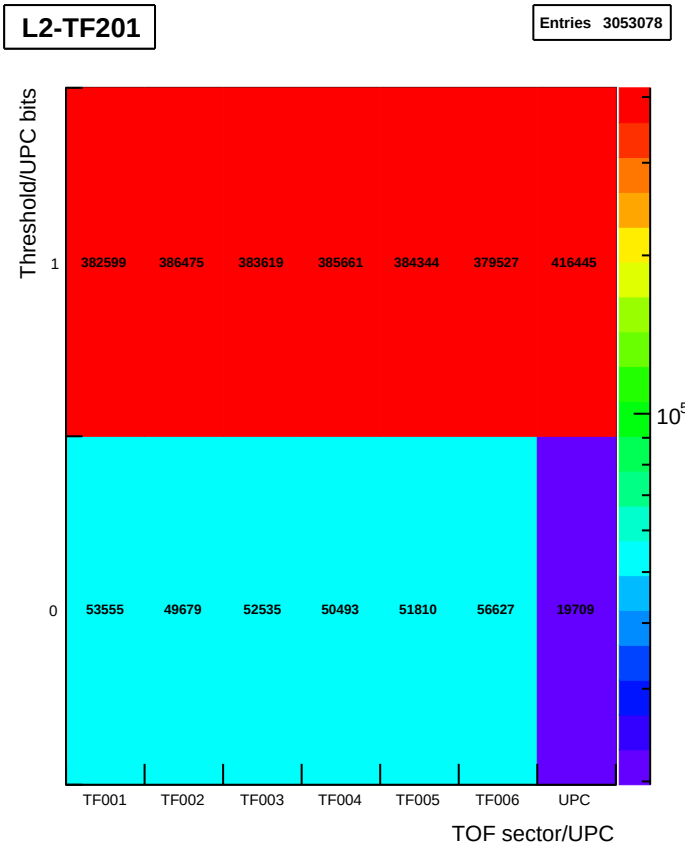

MIX-TF101
Entries 138652
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

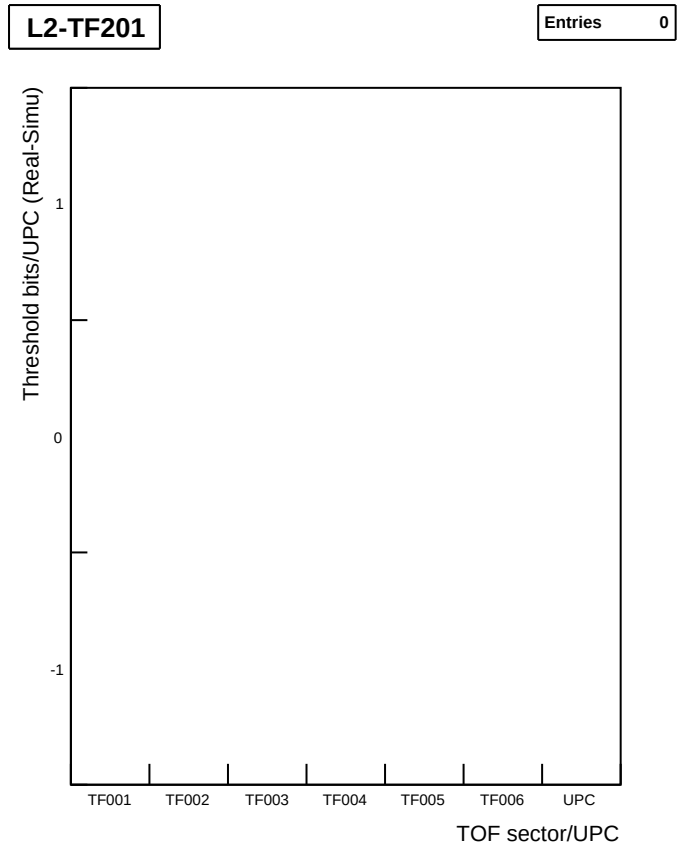

MIX-TF101
Entries 2616924
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

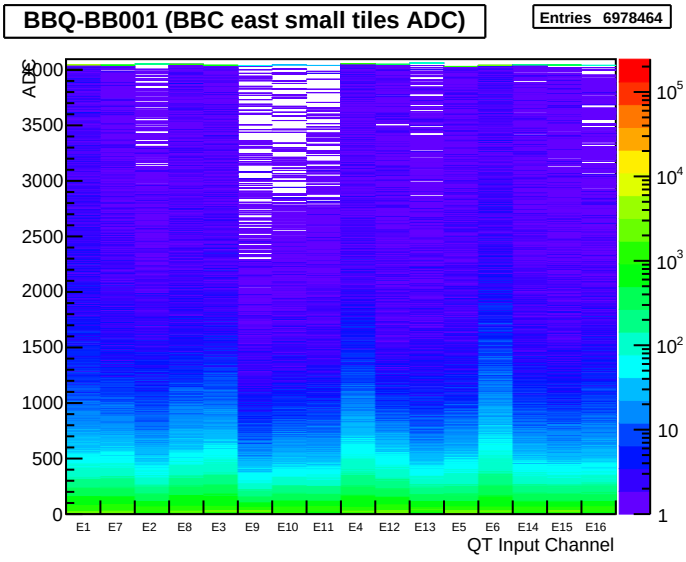

MIX-TF101
Entries 281193
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

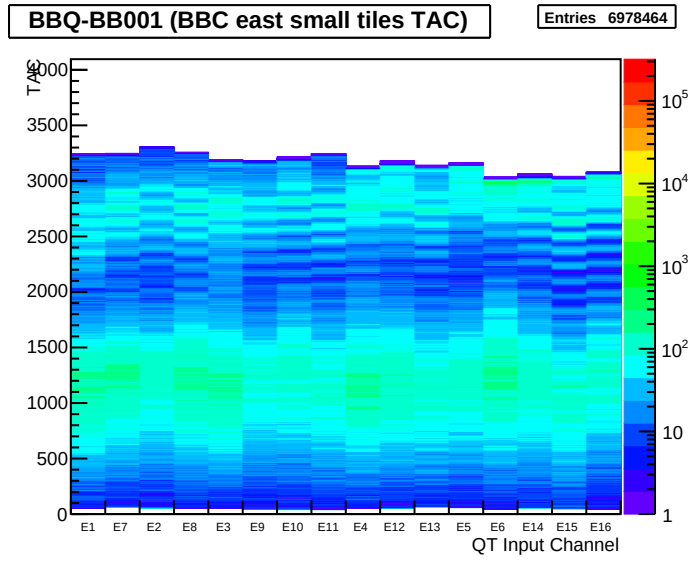

L2-TF201
Entries 436154
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

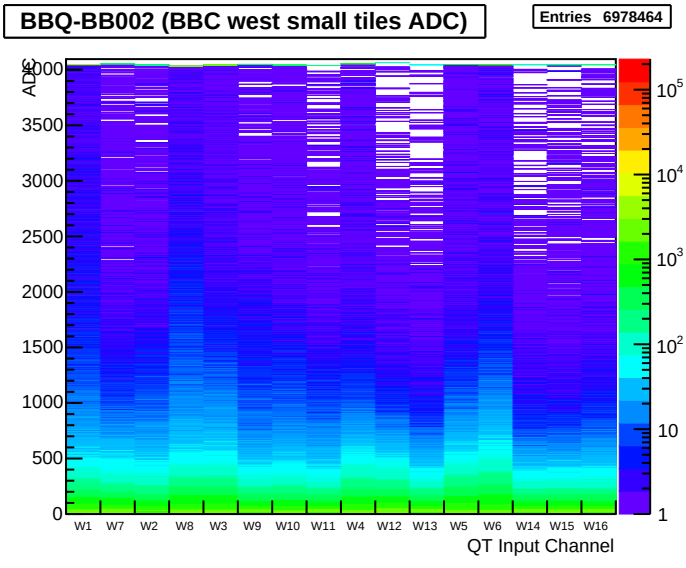

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

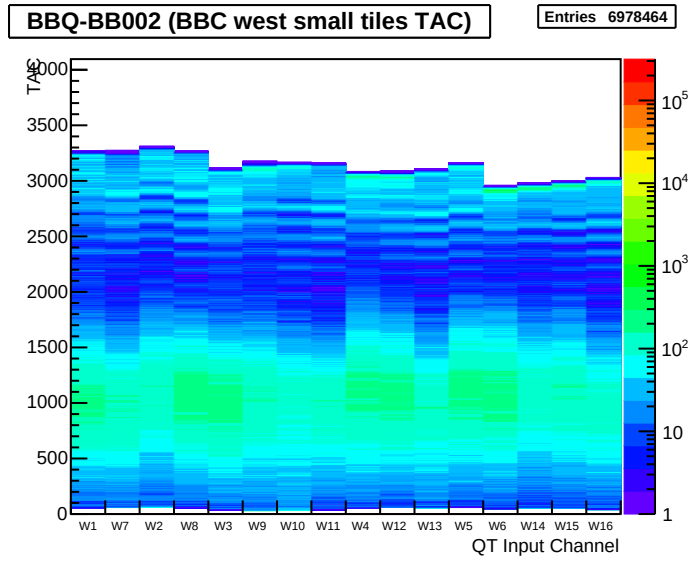

L2-TF201
Entries 3053078
Threshold/UPC bits
1
0
382599
386475
383619
385661
384344
379527
416445
53555
49679
52535
50493
51810
56627
19709
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

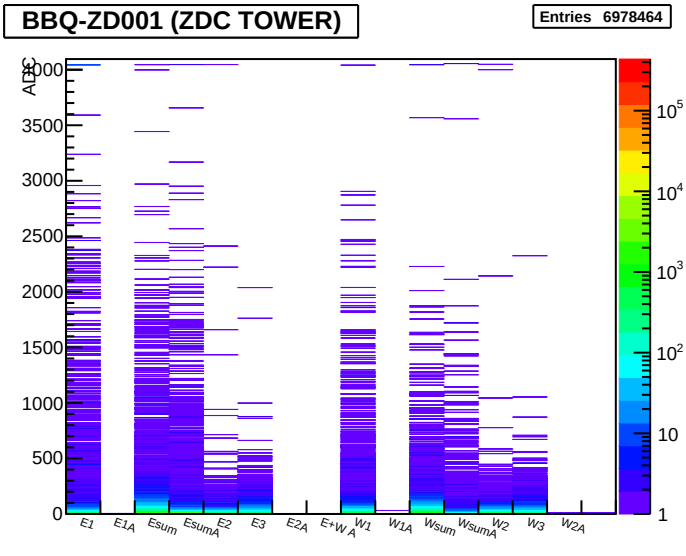

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

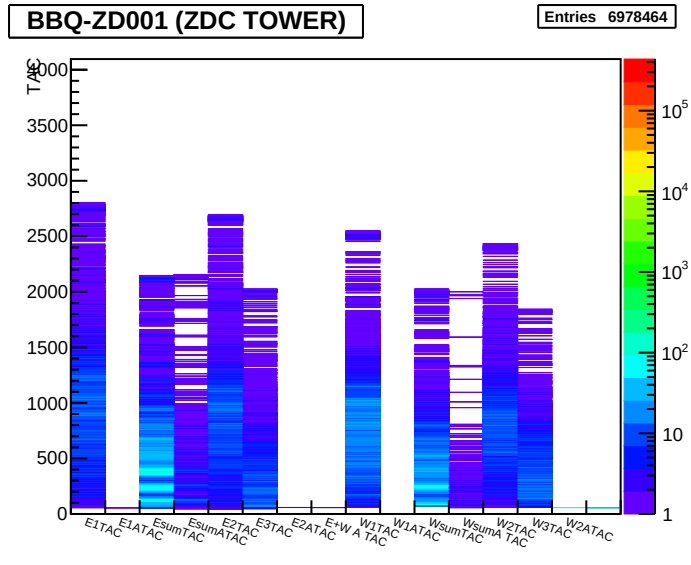

BBQ-BB001 (BBC east small tiles ADC)
Entries 6978464
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

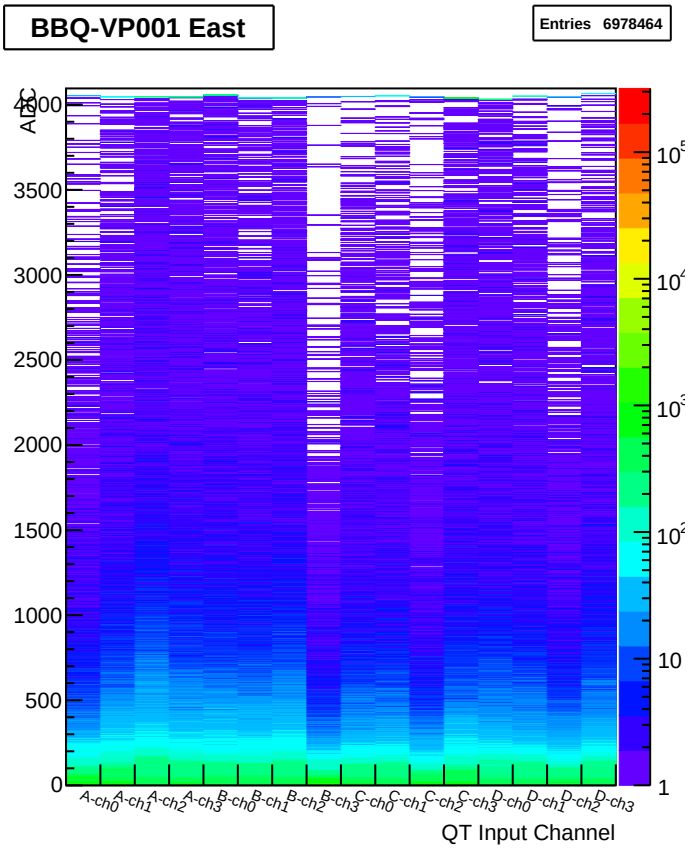

BBQ-BB001 (BBC east small tiles TAC)
Entries 6978464
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

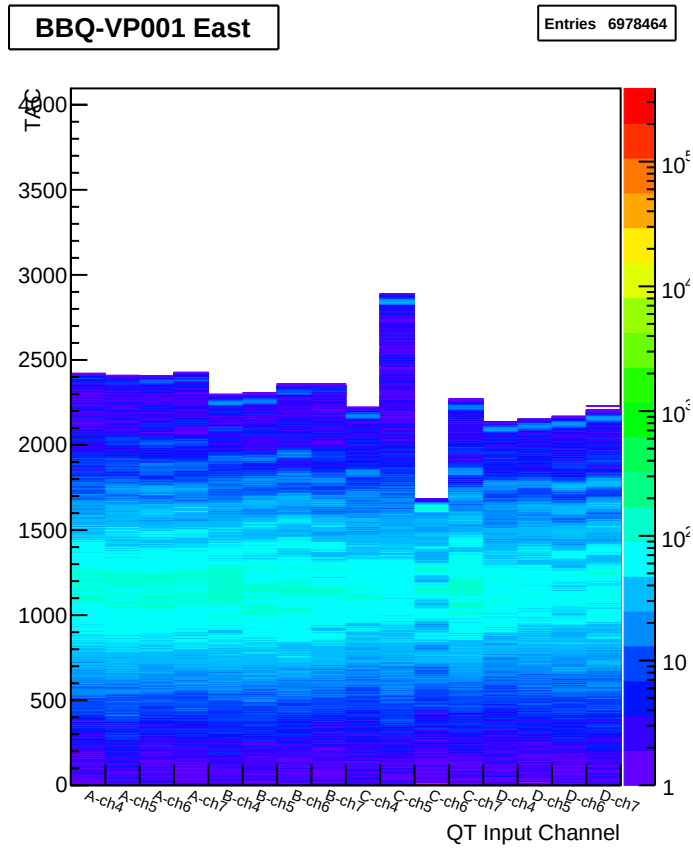

BBQ-BB002 (BBC west small tiles ADC)
Entries 6978464
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

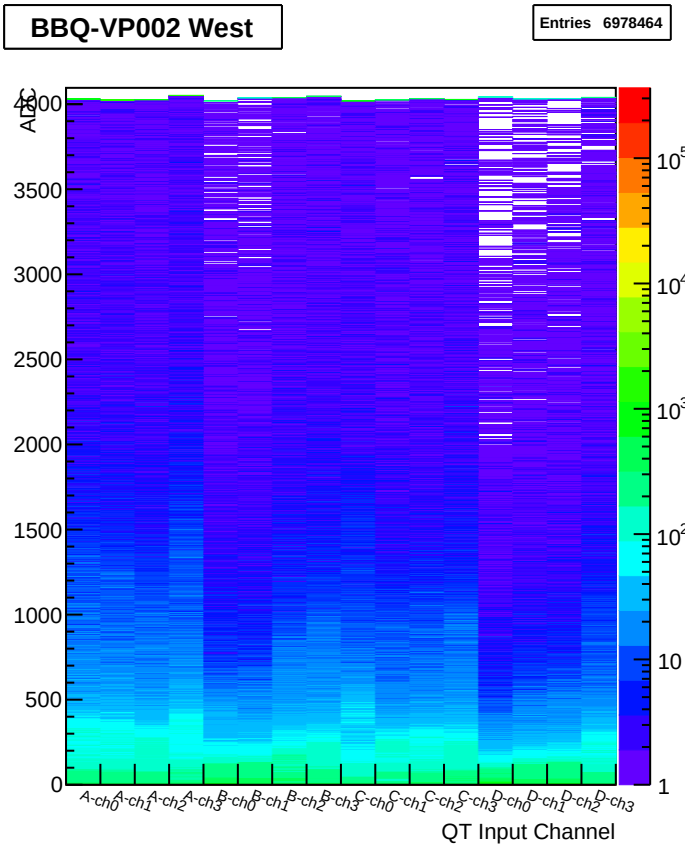

BBQ-BB002 (BBC west small tiles TAC)
Entries 6978464
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

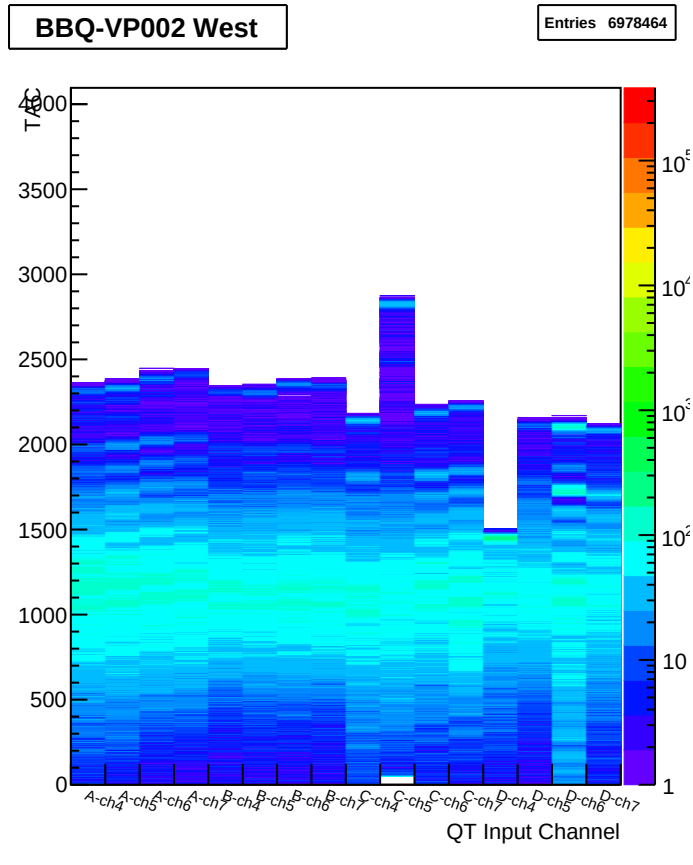

BBQ-ZD001 (ZDC TOWER)
Entries 6978464
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

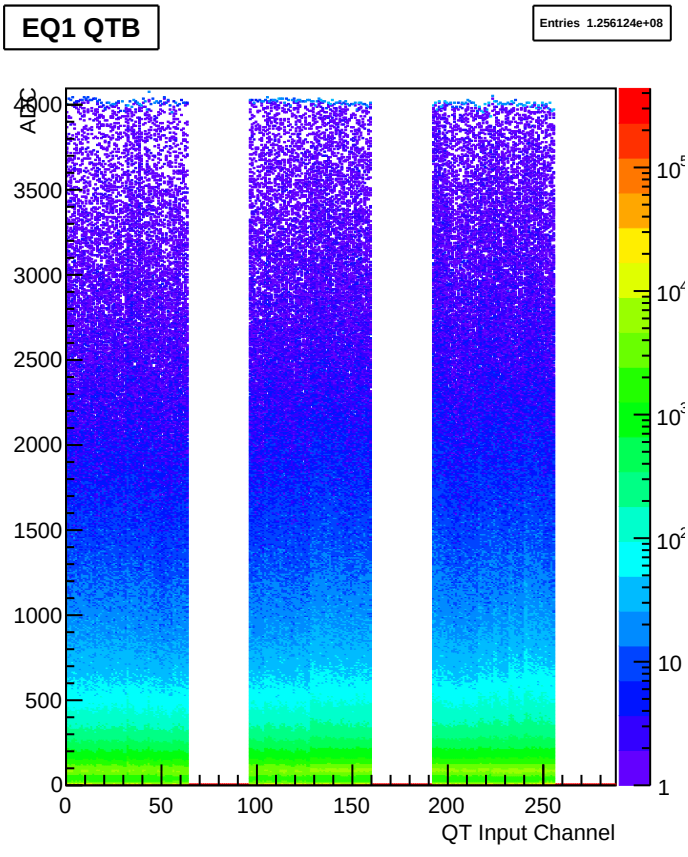

BBQ-ZD001 (ZDC TOWER)
Entries 6978464
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

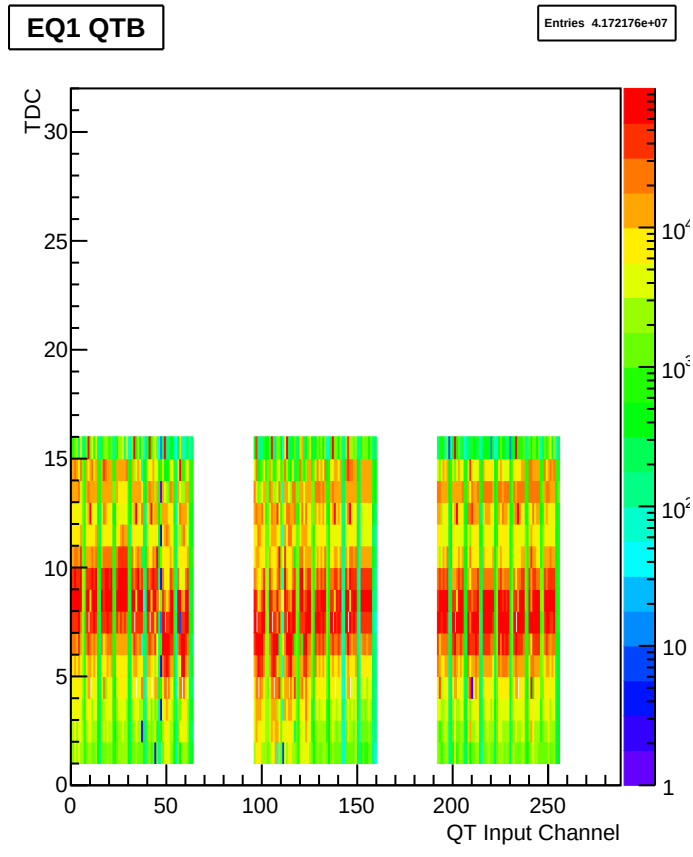

BBQ-VP001 East
Entries 6978464
ADC
QT Input Channel

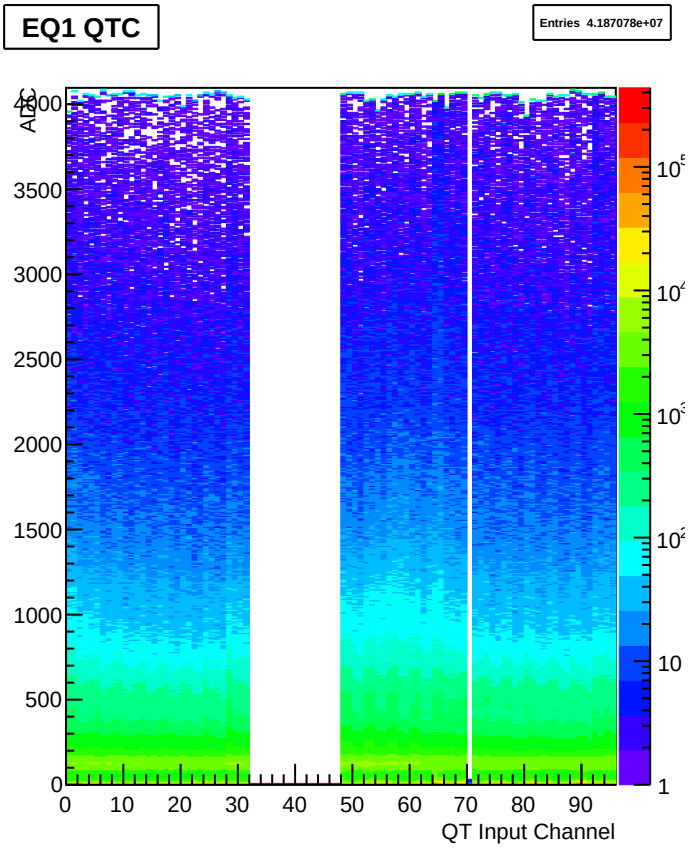

BBQ-VP001 East
Entries 6978464
ADC
QT Input Channel

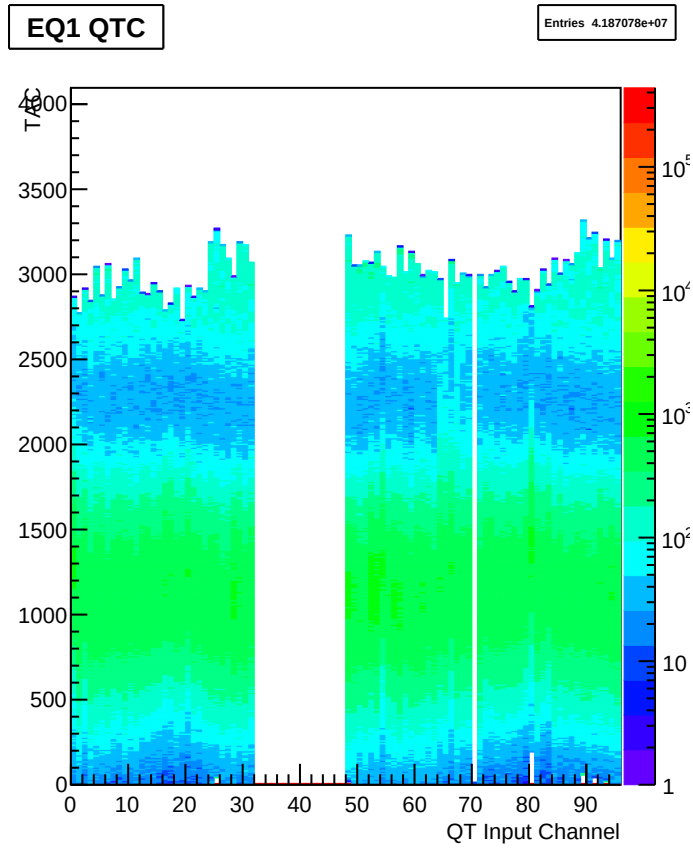

BBQ-VP002 West
Entries 6978464
ADC
QT Input Channel

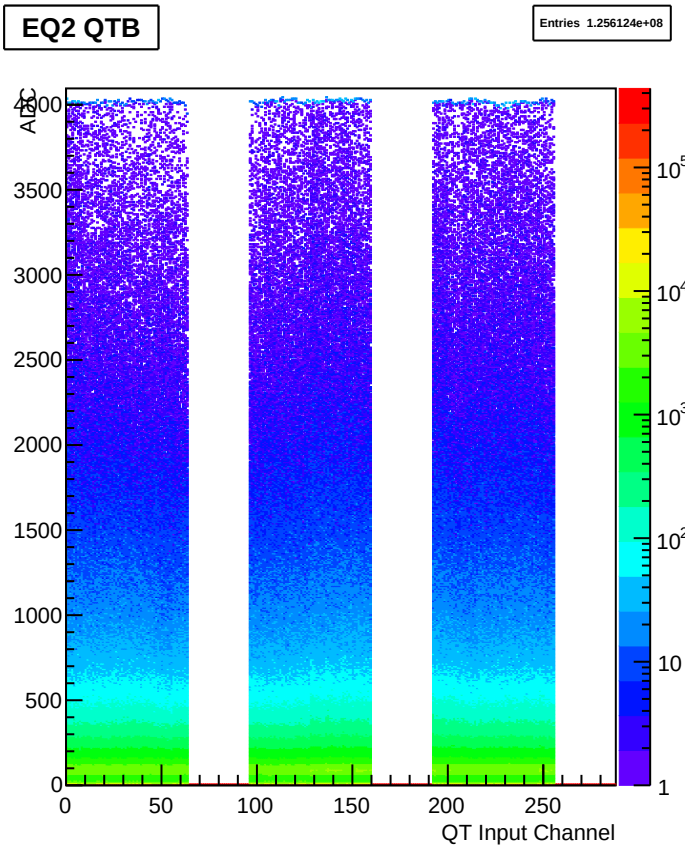

BBQ-VP002 West
Entries 6978464
ADC
QT Input Channel

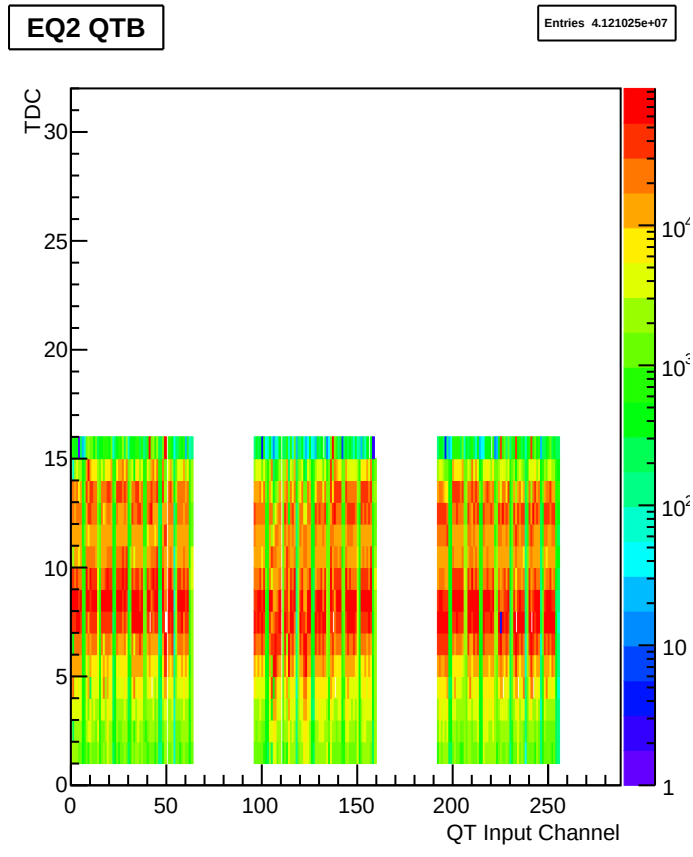

EQ1 QTB
Entries 1.256124e+08
ADC
QT Input Channel

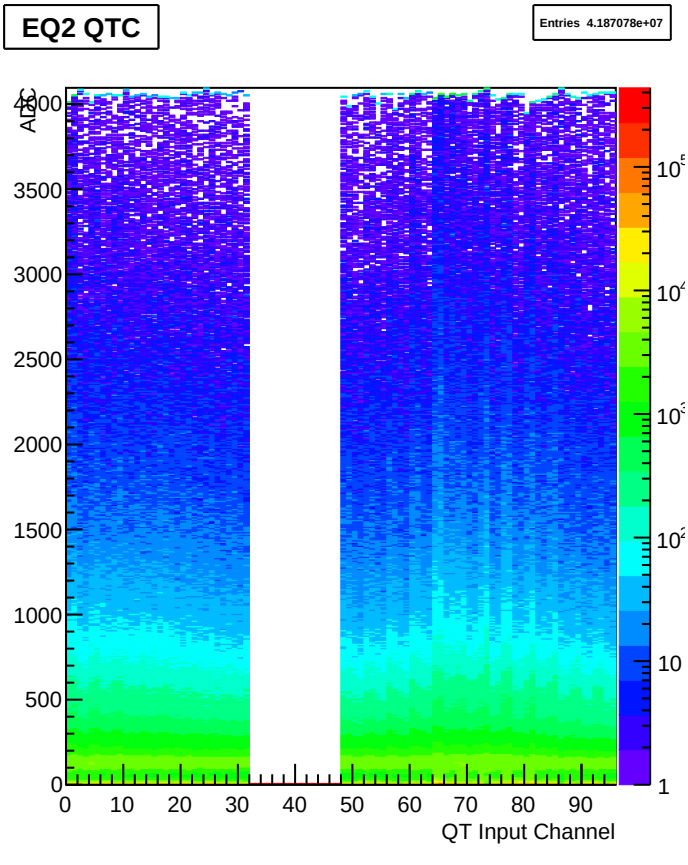

EQ1 QTB
Entries 4.172176e+07
TDC
QT Input Channel

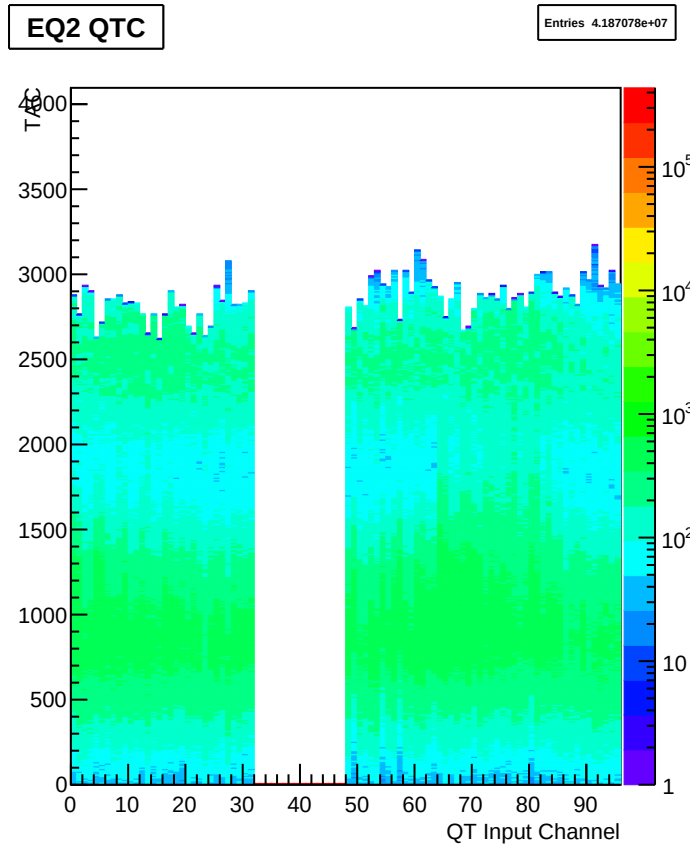

EQ1 QTC
Entries 4.187078e+07
ADC
QT Input Channel

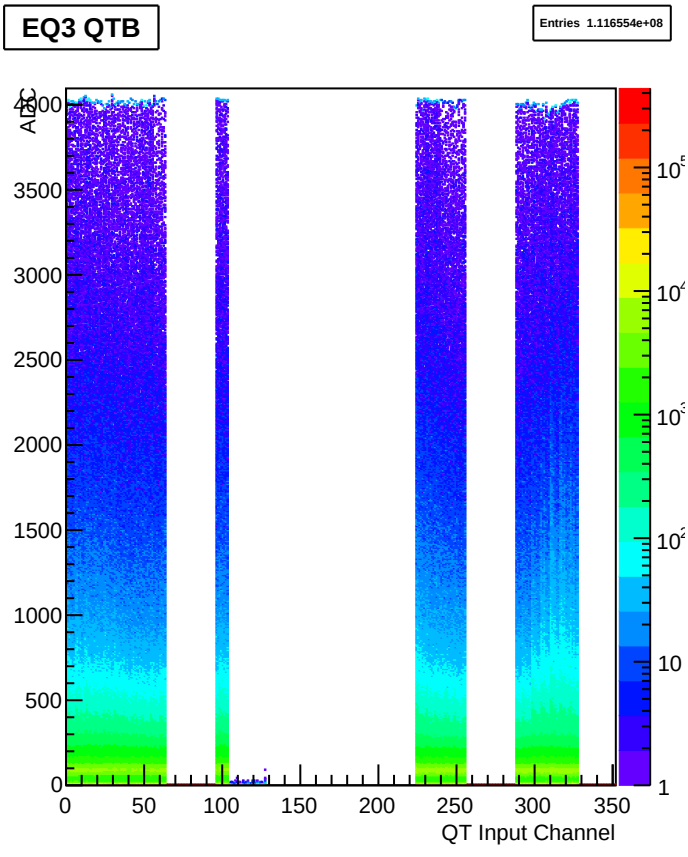

EQ1 QTC
Entries 4.187078e+07
TADC
QT Input Channel

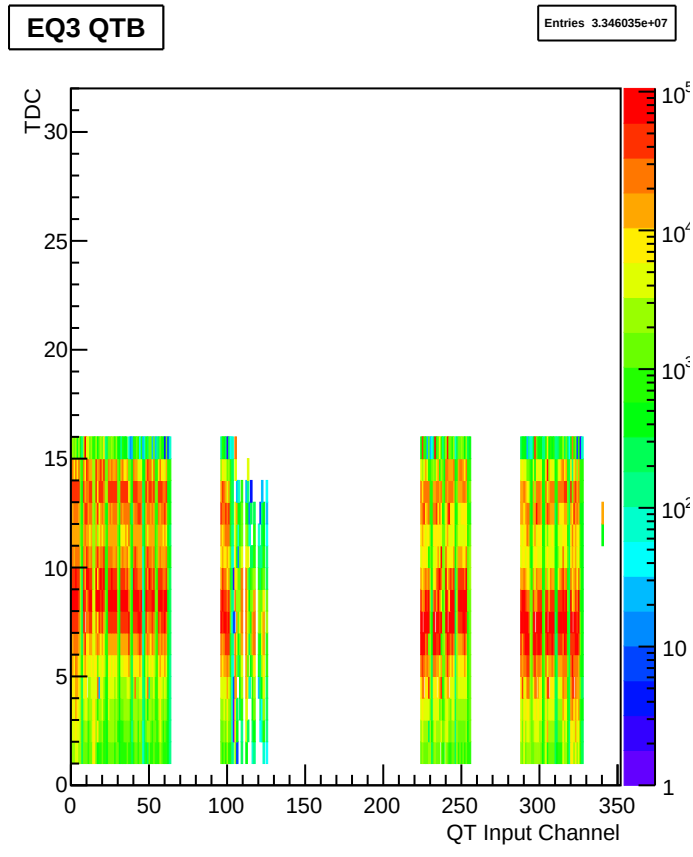

EQ2 QTB
Entries 1.256124e+08
ADC
QT Input Channel

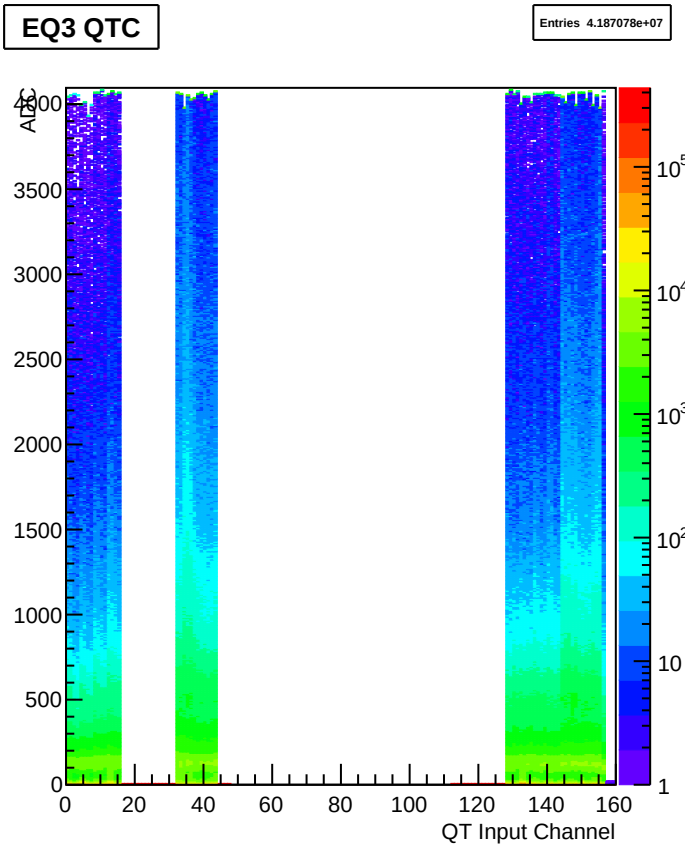

EQ2 QTB
Entries 4.121025e+07
TDC
QT Input Channel

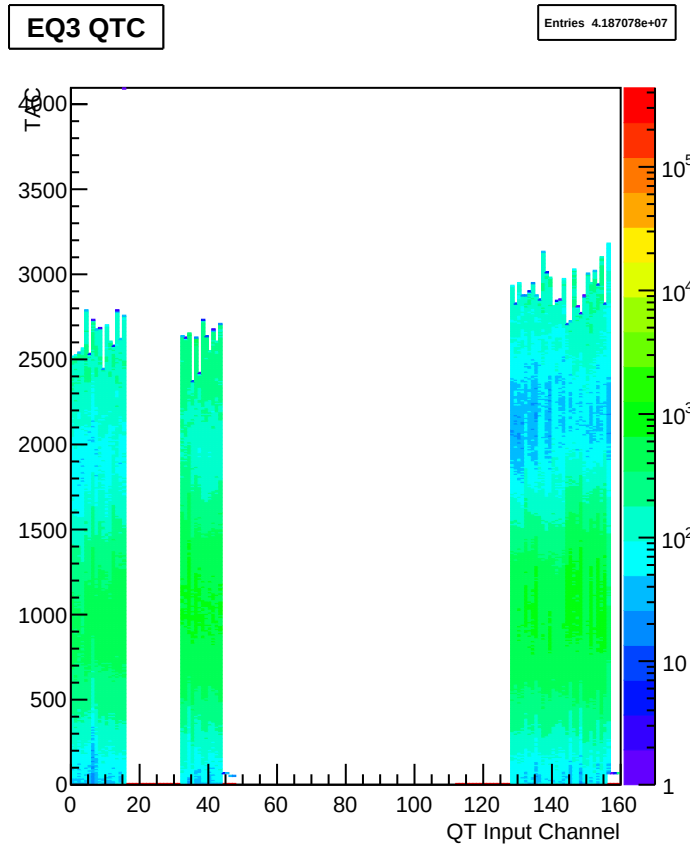

EQ2 QTC
Entries 4.187078e+07
ADC
QT Input Channel

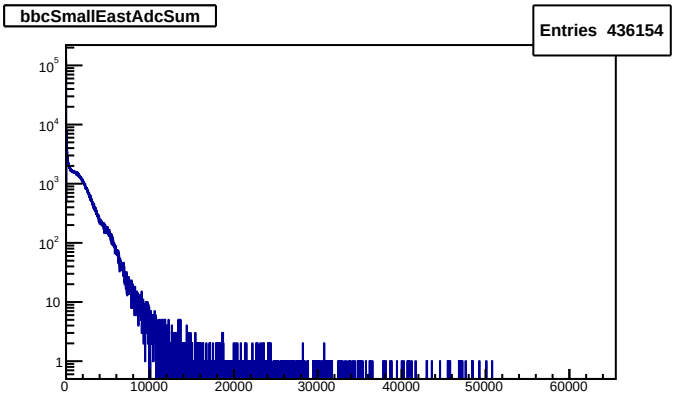

EQ2 QTC
Entries 4.187078e+07
TADC
QT Input Channel

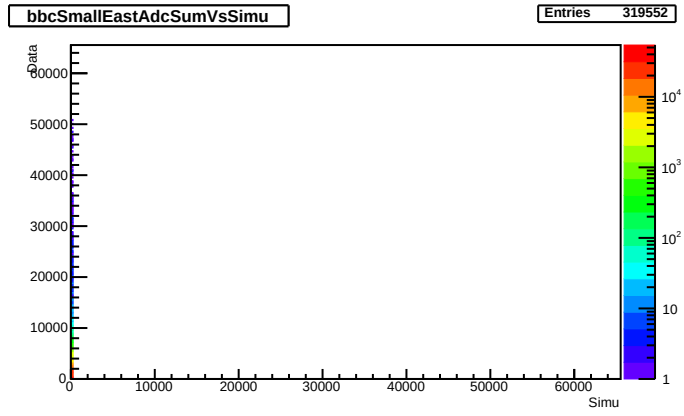

EQ3 QTB
Entries 1.116554e+08
ADC
QT Input Channel

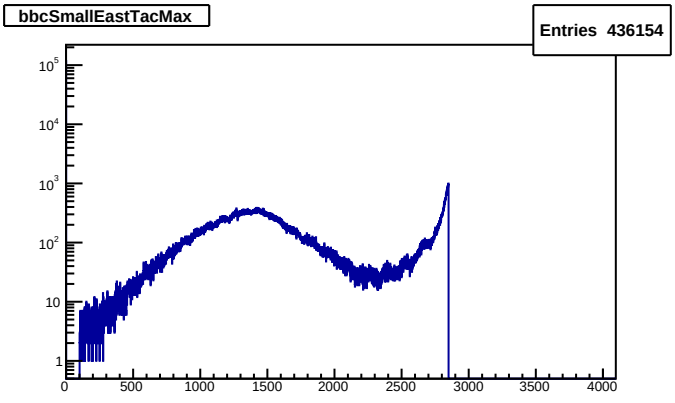

EQ3 QTB
Entries 3.346035e+07
TDC
QT Input Channel

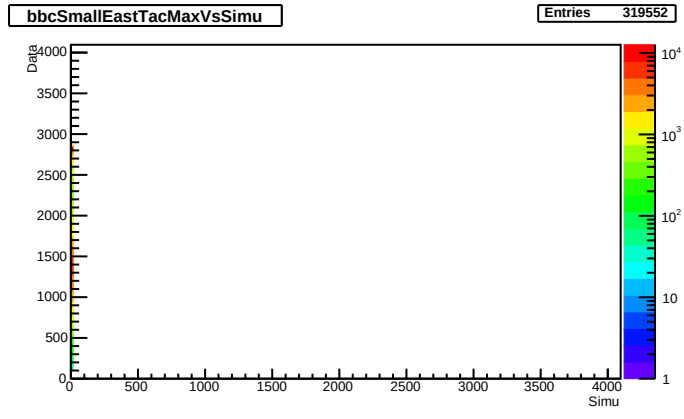

EQ3 QTC
Entries 4.187078e+07
ADC
QT Input Channel

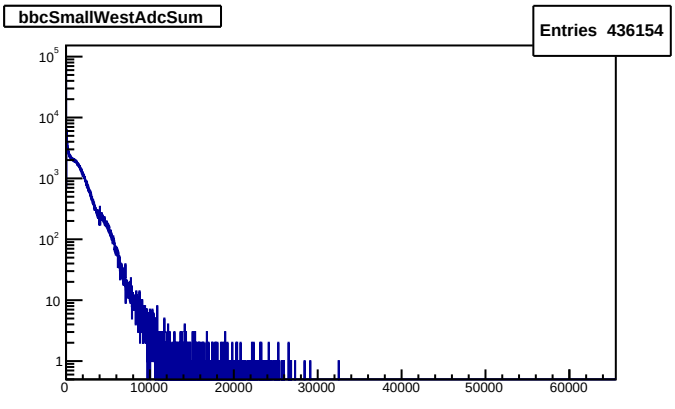

EQ3 QTC
Entries 4.187078e+07
TADC
QT Input Channel

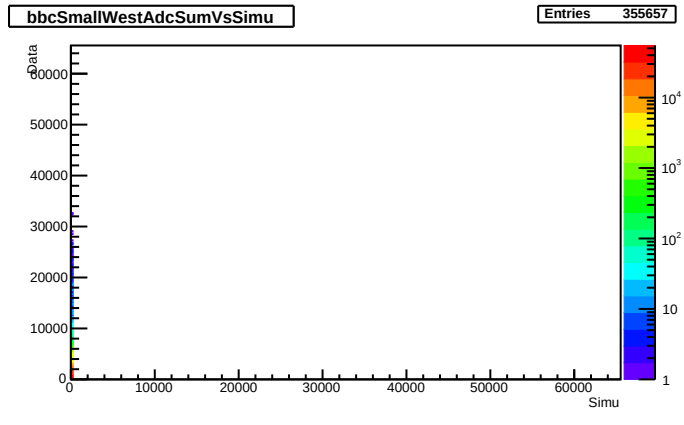

bbcSmallEastAdcSum
Entries 436154


bbcSmallEastAdcSumVsSimu
Entries 319552
Data
Simu


bbcSmallEastTacMax
Entries 436154


bbcSmallEastTacMaxVsSimu
Entries 319552
Data
Simu


bbcSmallWestAdcSum
Entries 436154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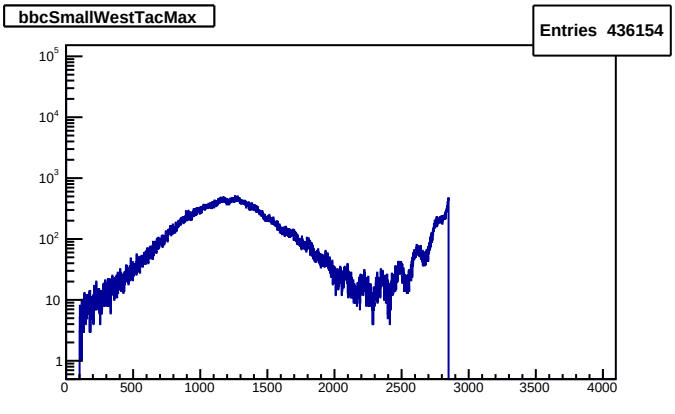
Entries 355657
Data
Simu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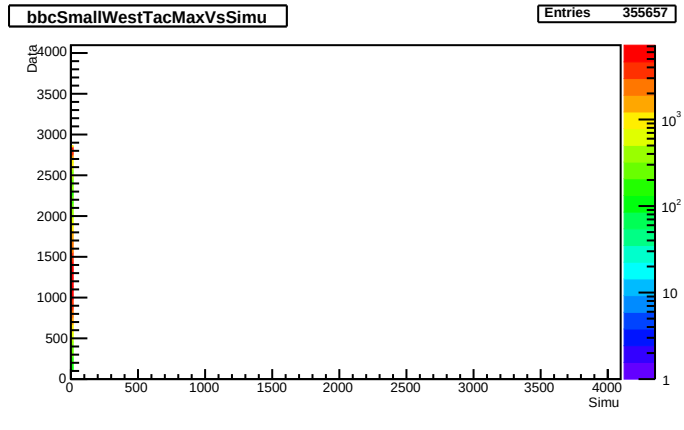
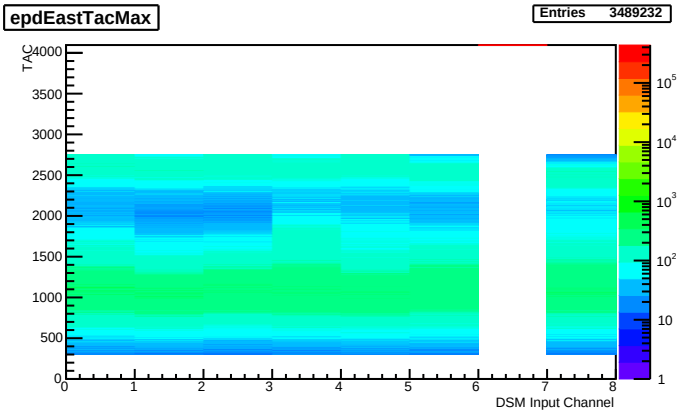
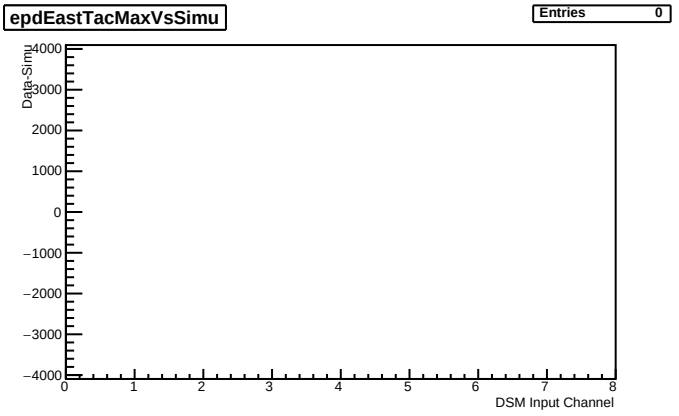
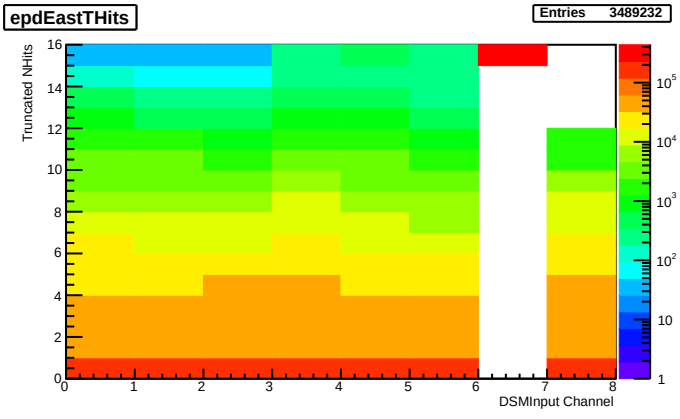
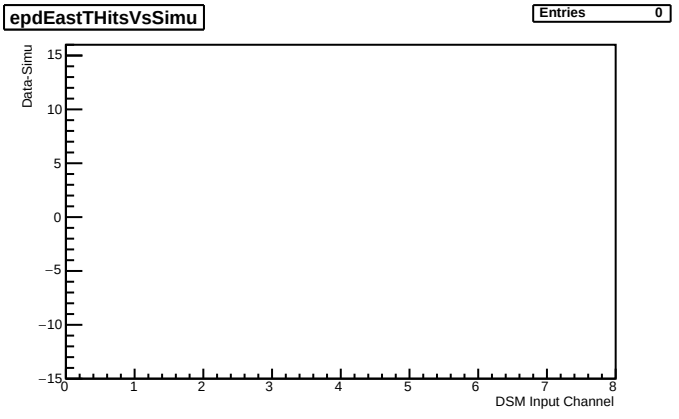
Entries 436154


bbcSmallWestTacMaxVsSimu
Entries 355657
Data
Simu


epdEastTacMax
Entries 3489232
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3489232
Truncated NHits
DSMInput Channel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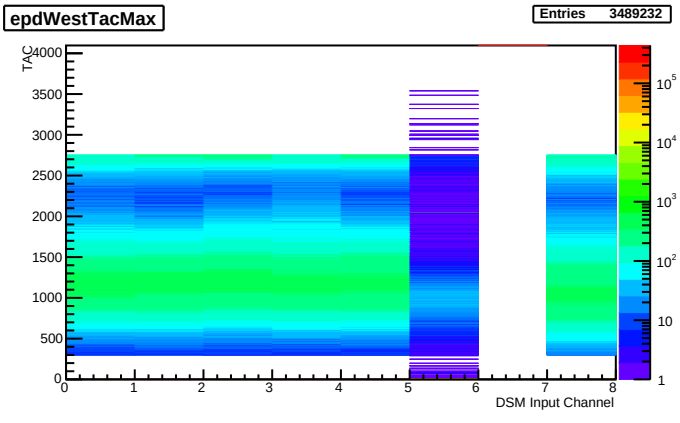
Data-Simu
DSM Input Channel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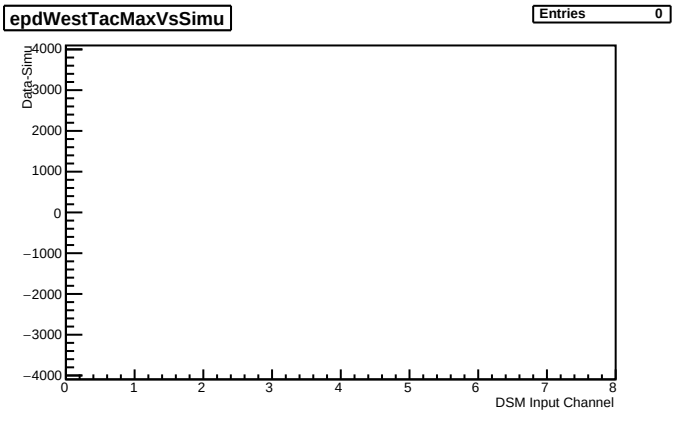
Entries 3489232
TAC
DSM Input Channel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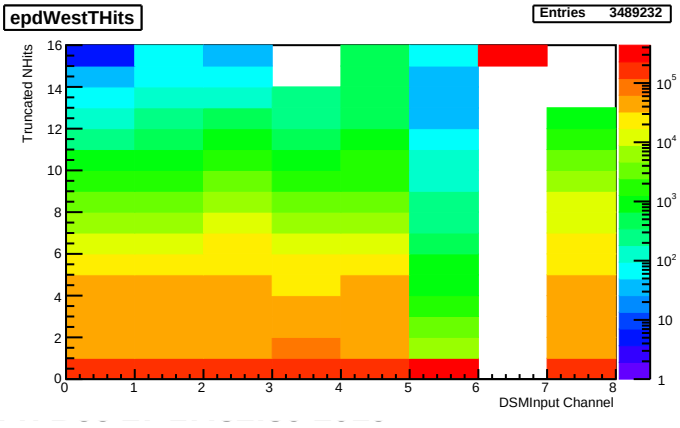
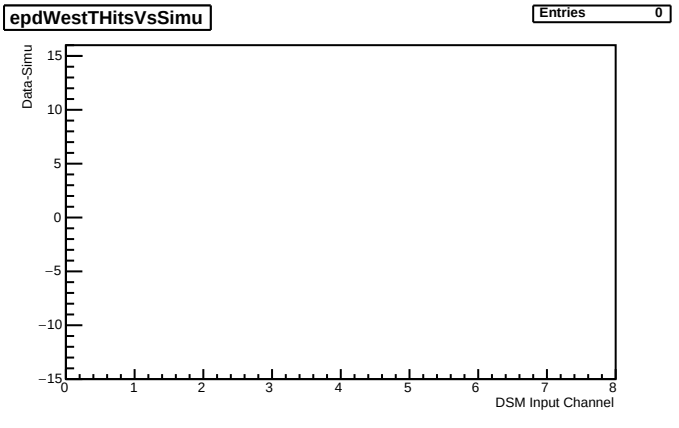
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3489232
Truncated NHits
DSMInput Channel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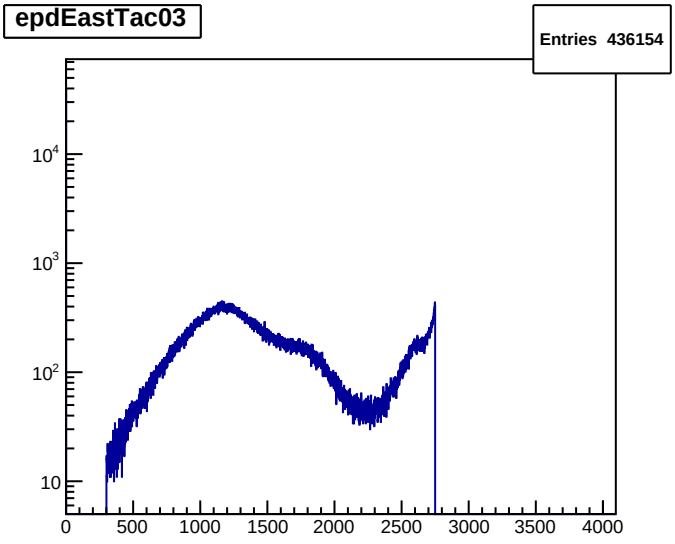
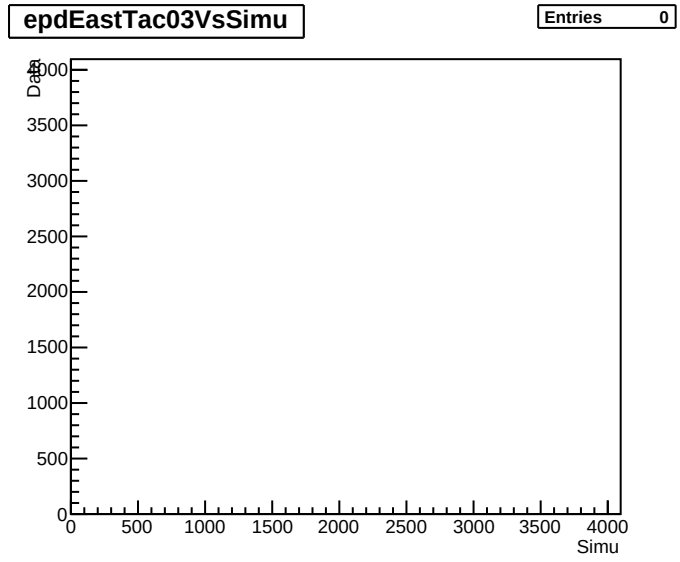
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 436154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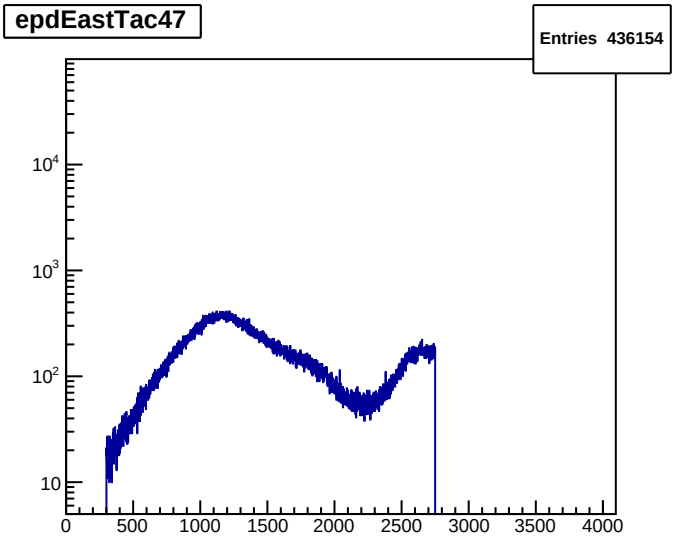
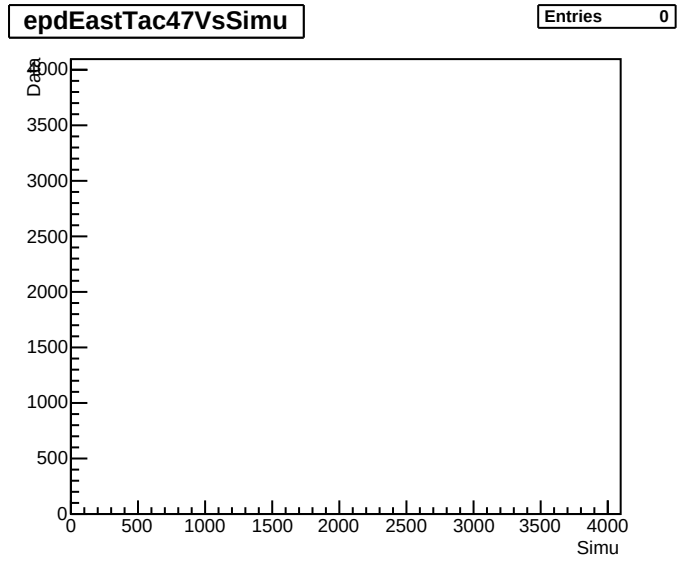
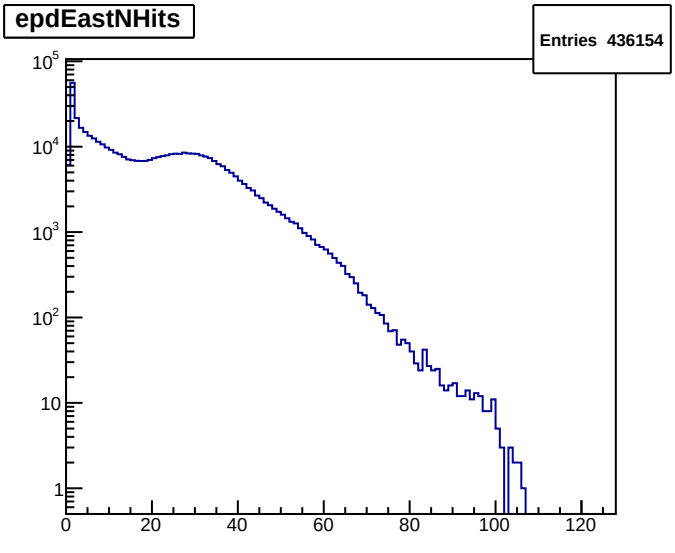
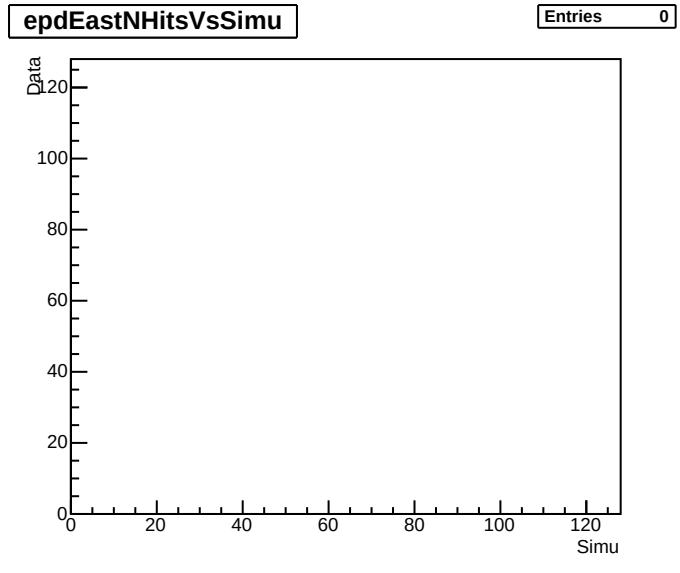
Entries 0
Data
Simu


epdEastTac47
Entries 436154


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 436154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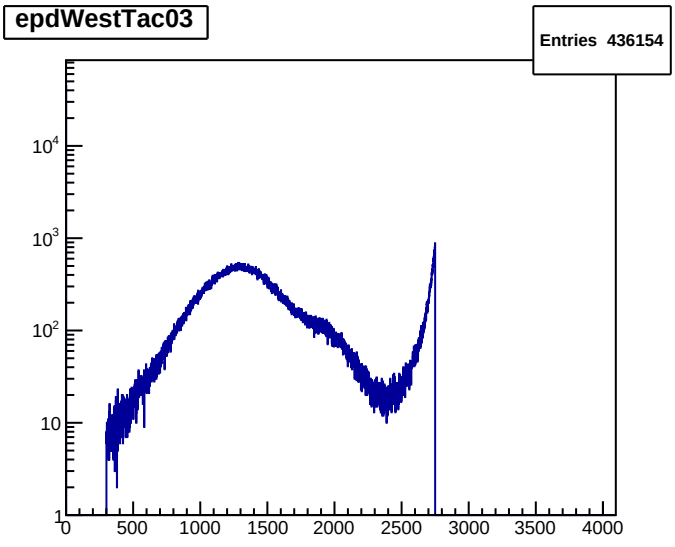
Entries 0
Data
Simu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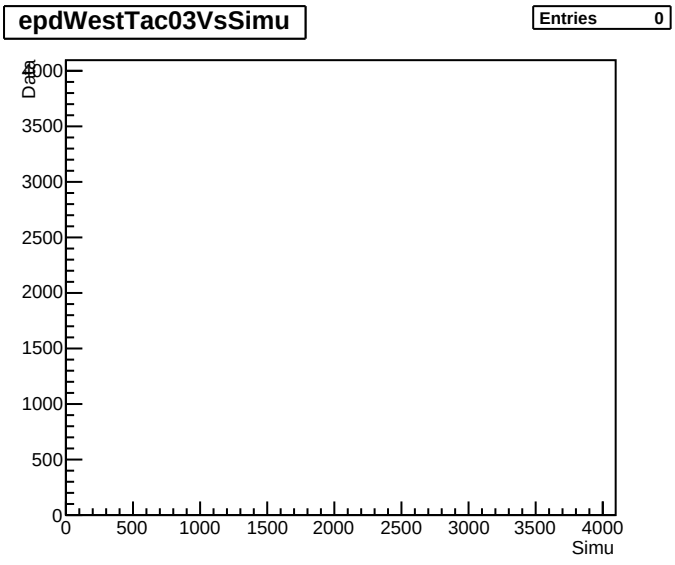
Entries 436154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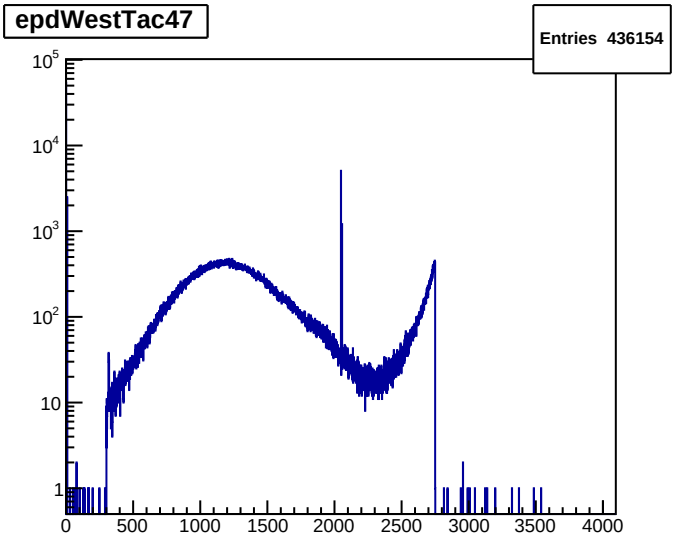
Entries 0
Data
Simu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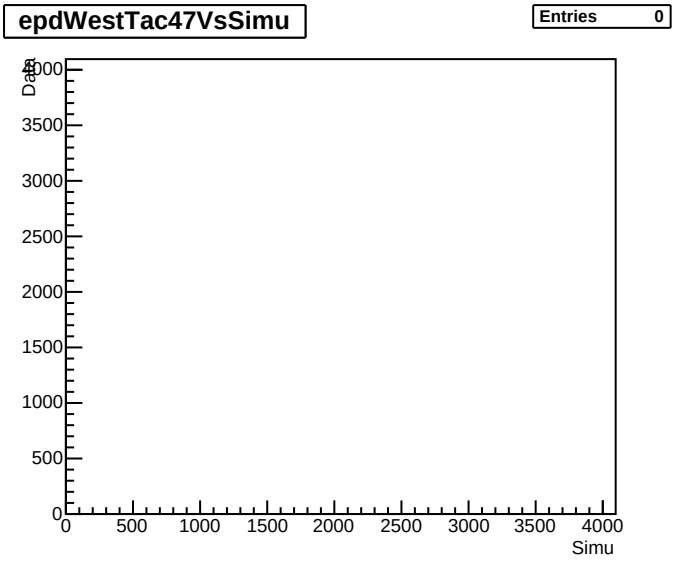
Entries 436154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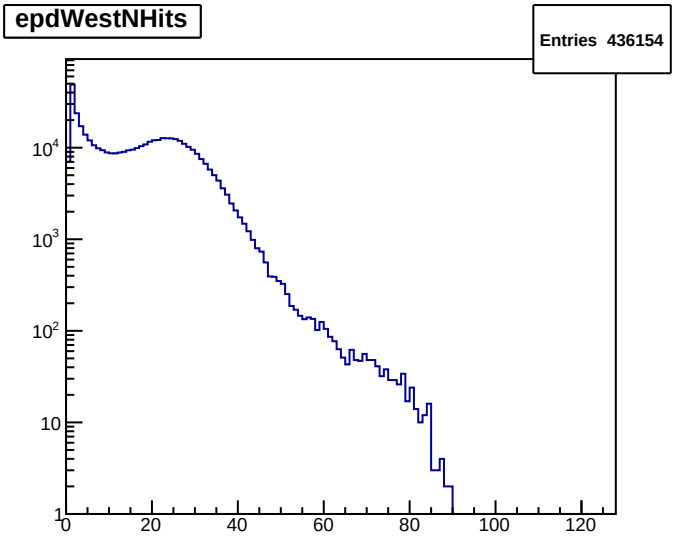
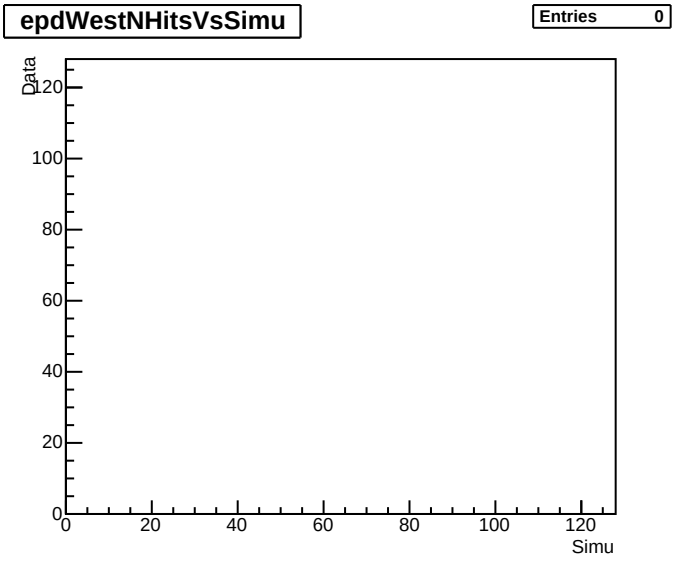
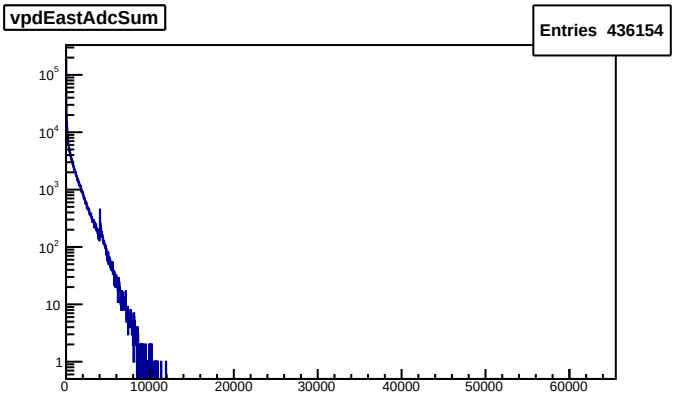
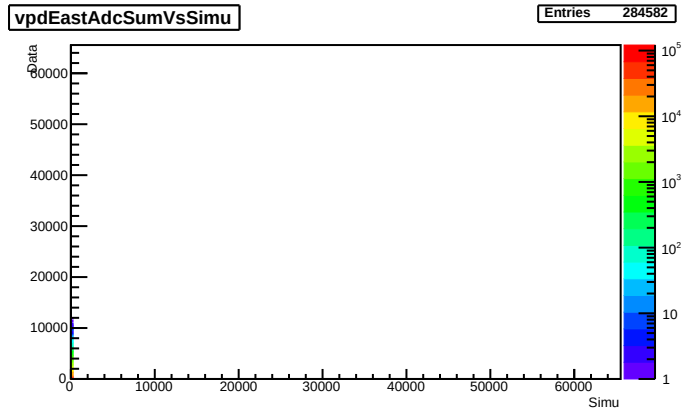
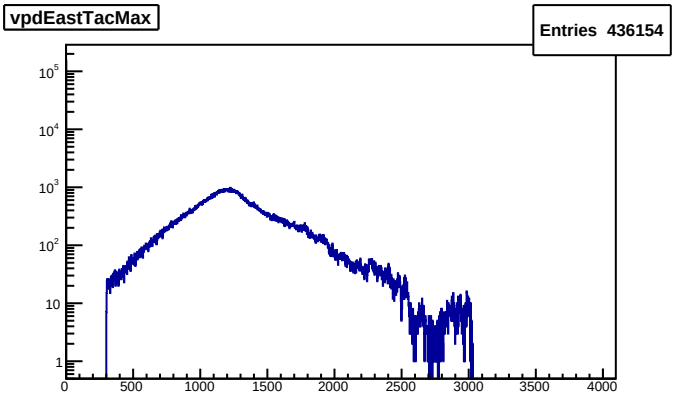
Entries 0
Data
Simu

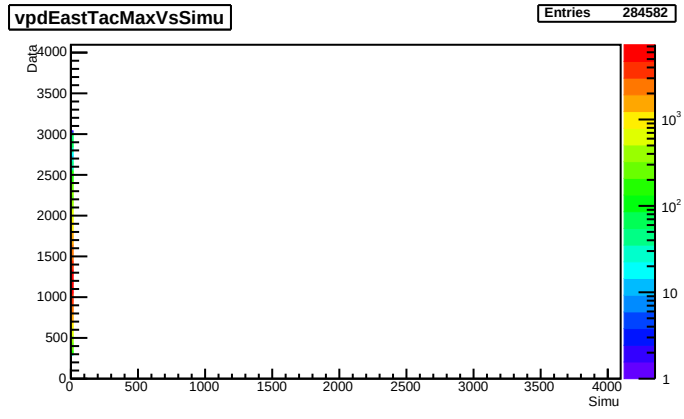

epdWestNHits
Entries 436154

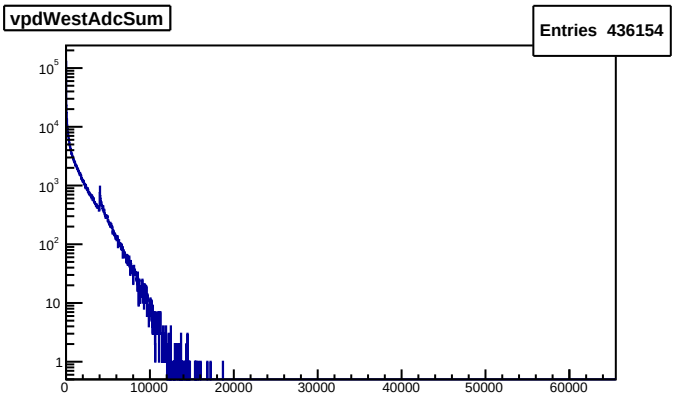

epdWestNHitsVsSimu
Entries 0
Data
Simu

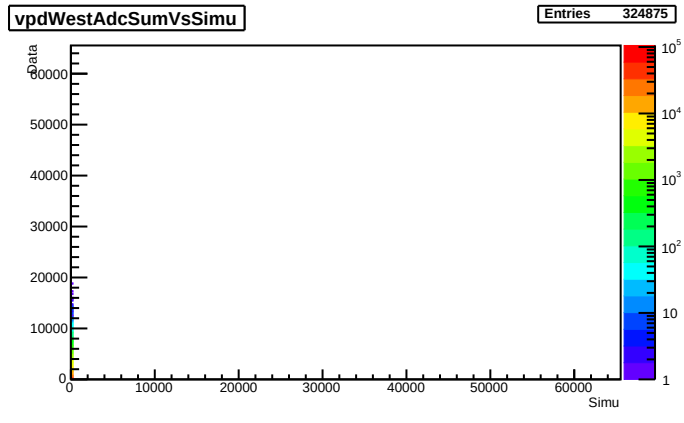

vpdEastAdcSum
Entries 436154

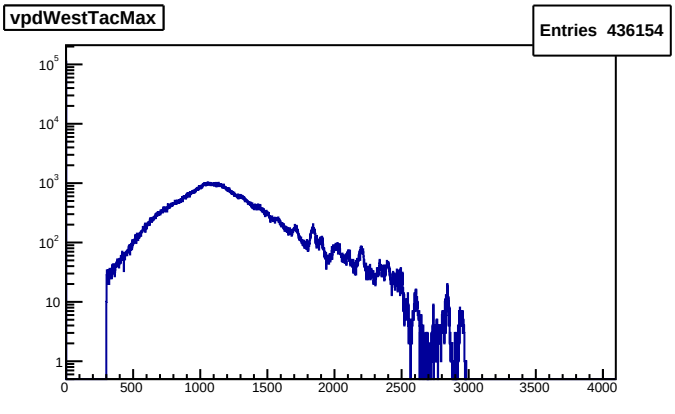

vpdEastAdcSumVsSimu
Entries 284582
Data
Simu

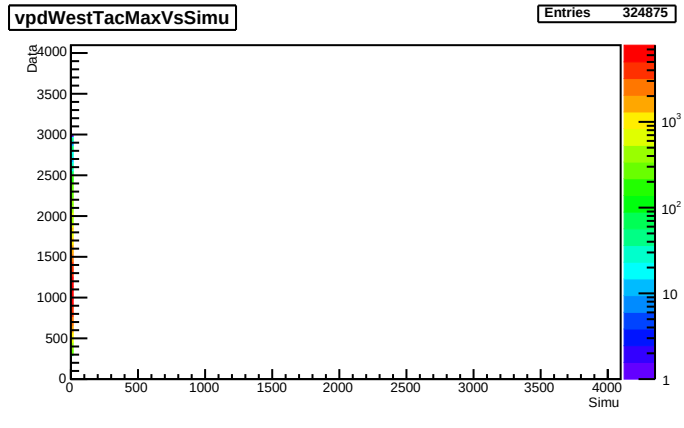

vpdEastTacMax
Entries 436154

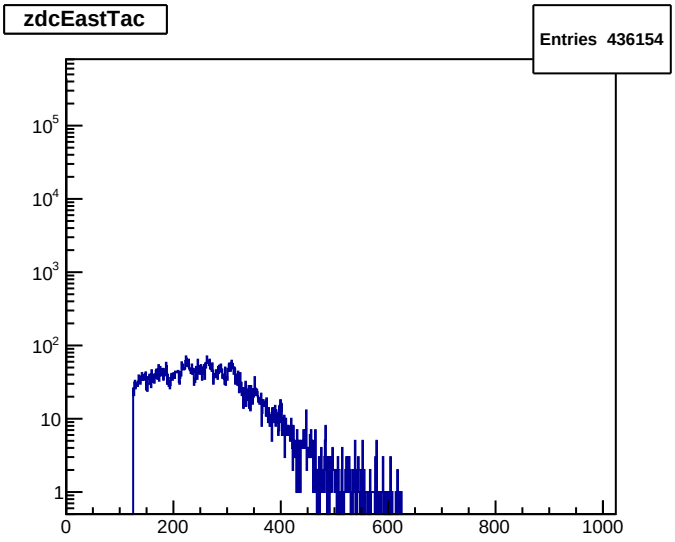

vpdEastTacMaxVsSimu
Entries 284582
Data
Simu

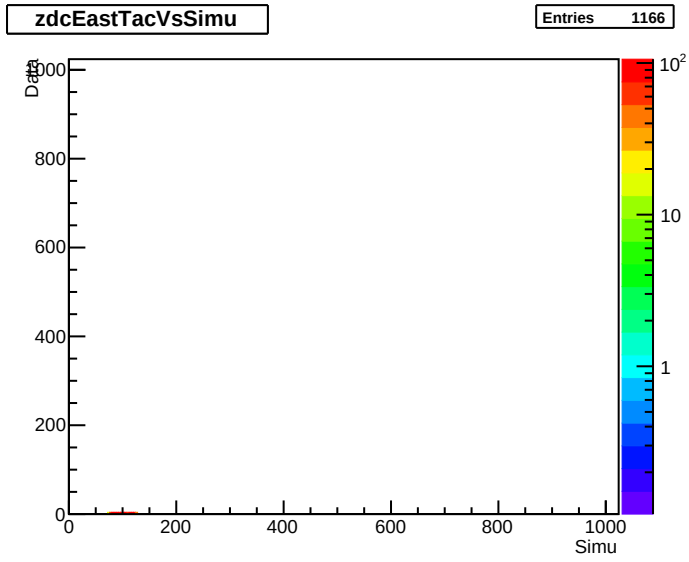

vpdWestAdcSum
Entries 436154

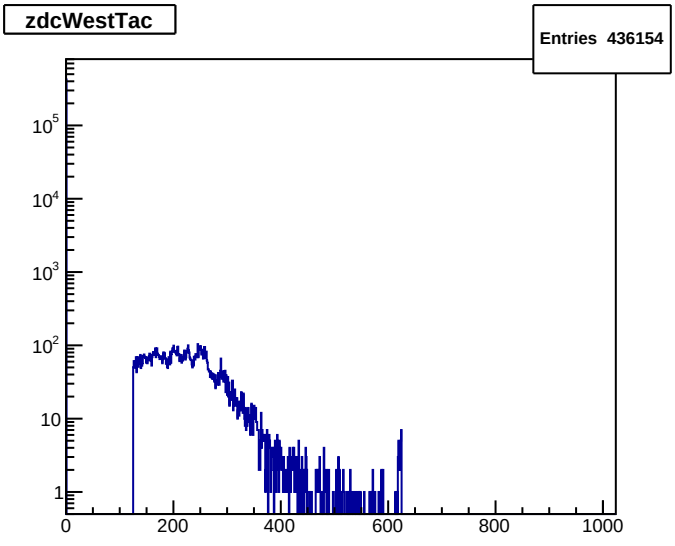

vpdWestAdcSumVsSimu
Entries 324875
Data
Simu

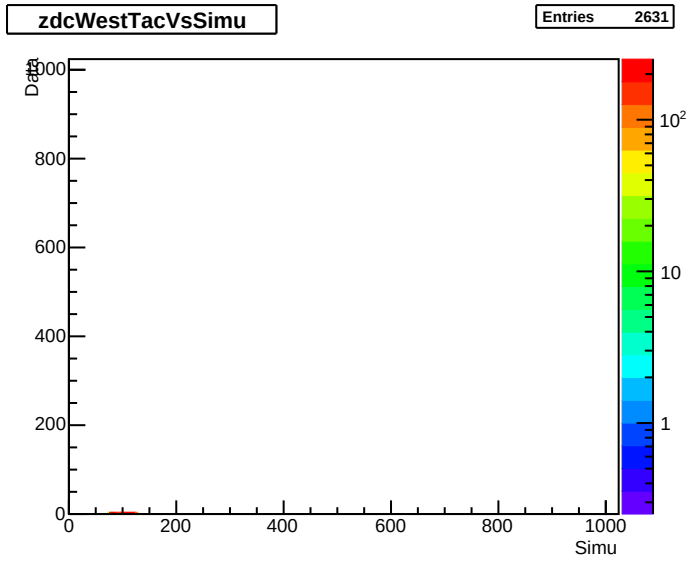

vpdWestTacMax
Entries 436154

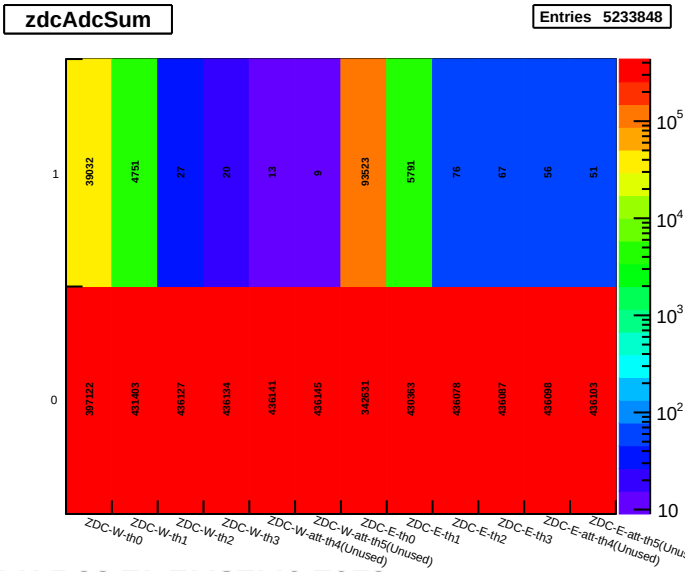

vpdWestTacMaxVsSimu
Entries 324875
Data
Simu

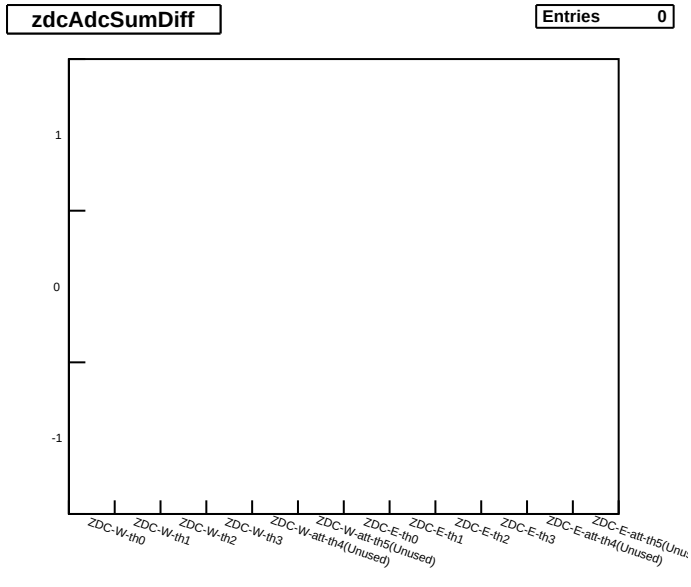

zdcEastTac
Entries 436154

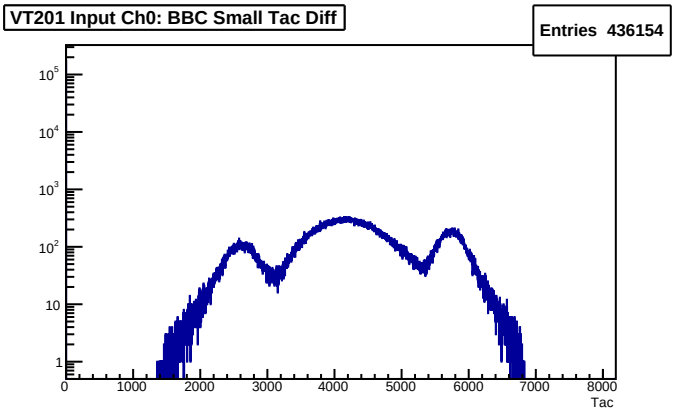

zdcEastTacVsSimu
Entries 1166
Data
Simu

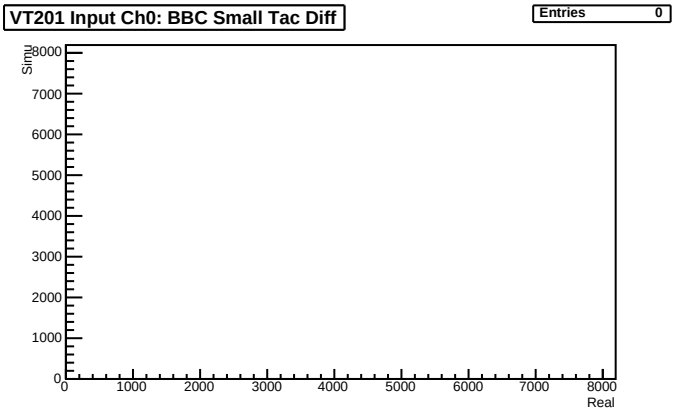

zdcWestTac
Entries 436154

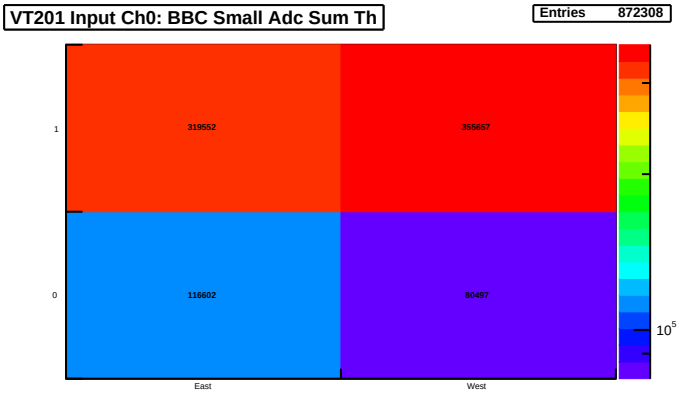

zdcWestTacVsSimu
Entries 2631
Data
Simu

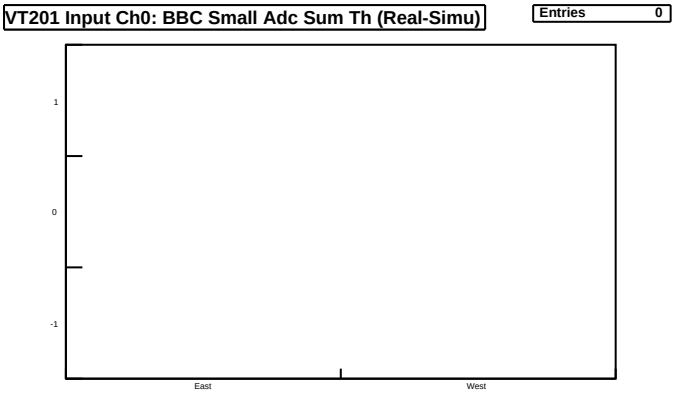

zdcAdcSum
Entries 5233848
39032
4751
27
20
13
9
93523
5791
76
67
56
51
397122
431403
436127
436134
436141
436145
342631
430383
436078
436087
436098
436103
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

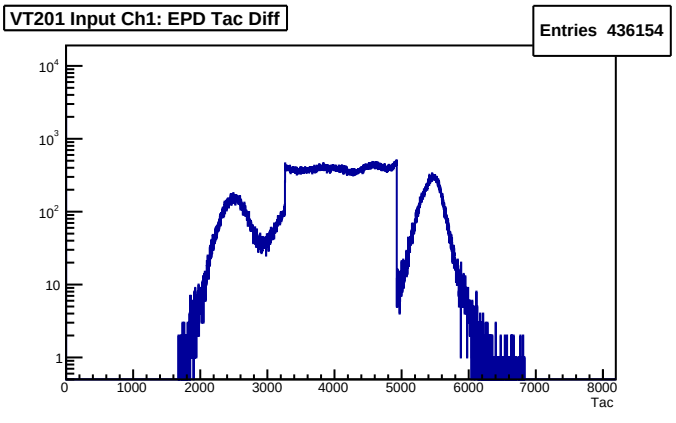

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

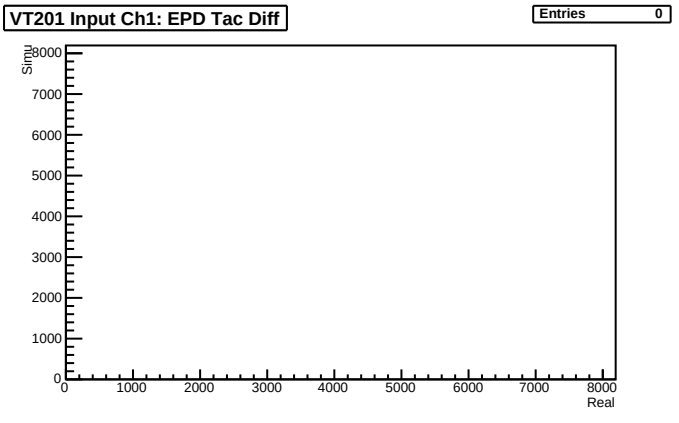

VT201 Input Ch0: BBC Small Tac Diff
Entries 436154
Tac

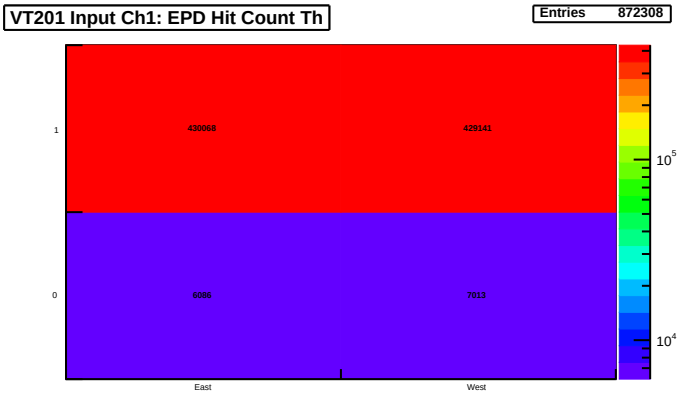

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

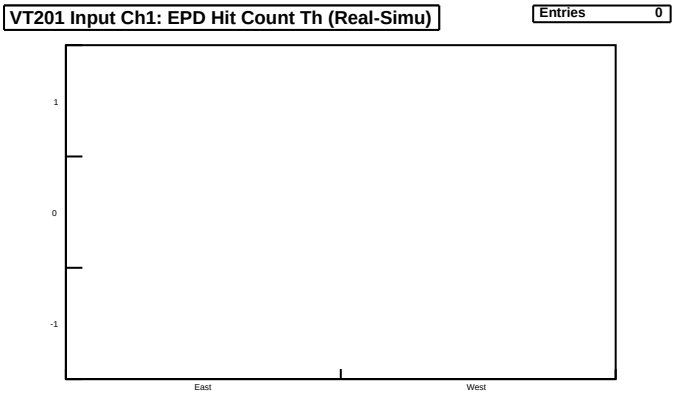

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 872308
319552
355657
116602
80497
East
West

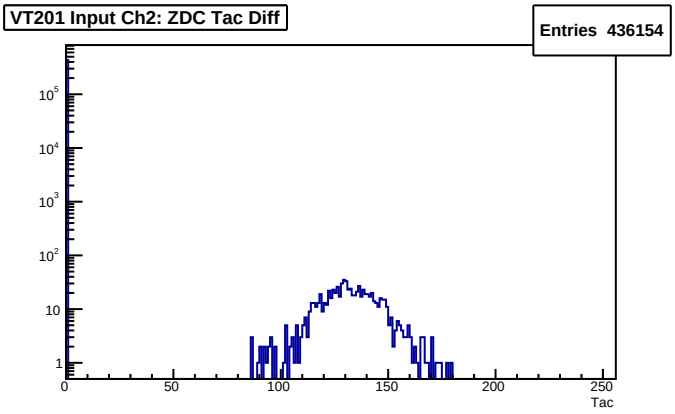

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

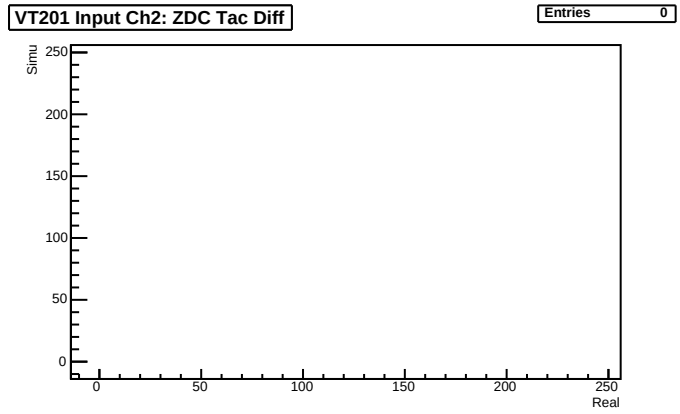

VT201 Input Ch1: EPD Tac Diff
Entries 436154
Tac

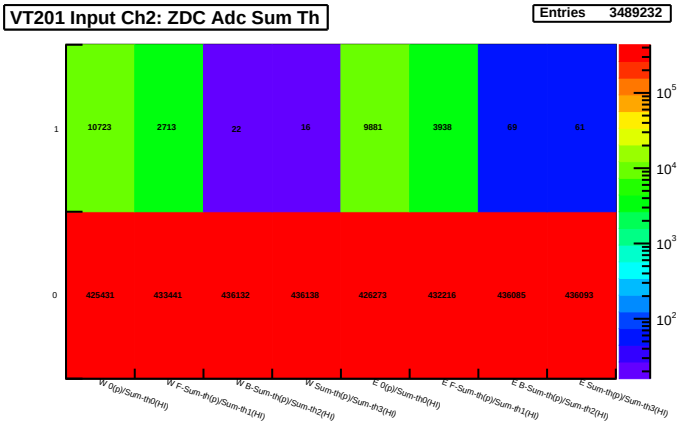

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

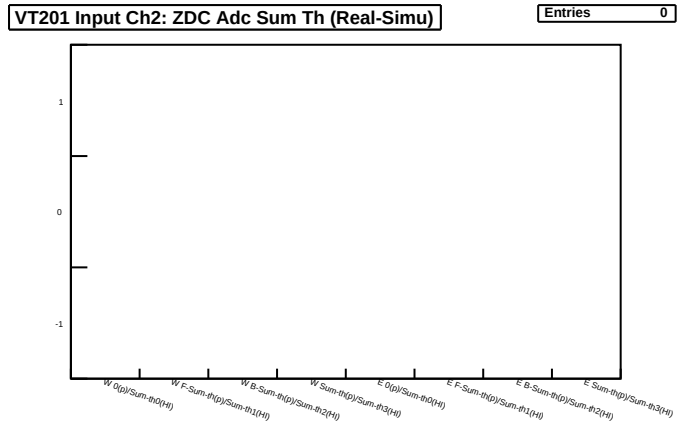

VT201 Input Ch1: EPD Hit Count Th
Entries 872308
430068
429141
6086
7013
East
West

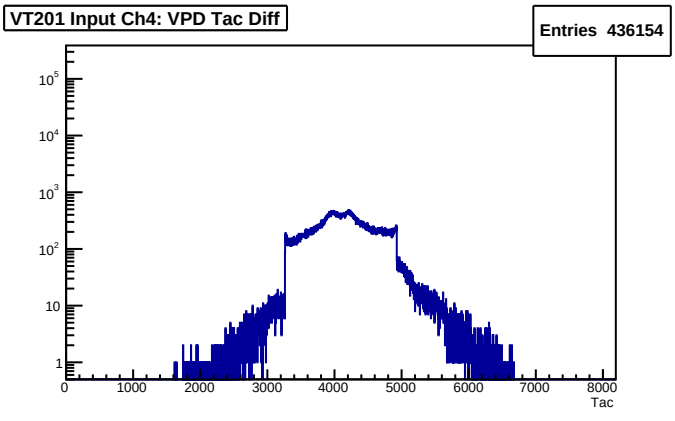

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

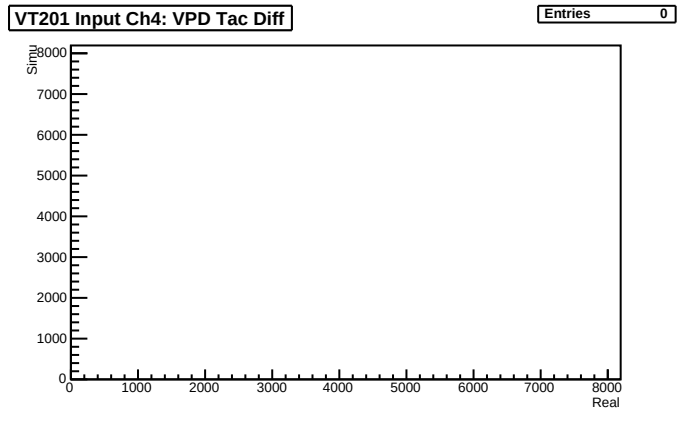

VT201 Input Ch2: ZDC Tac Diff
Entries 436154
Tac

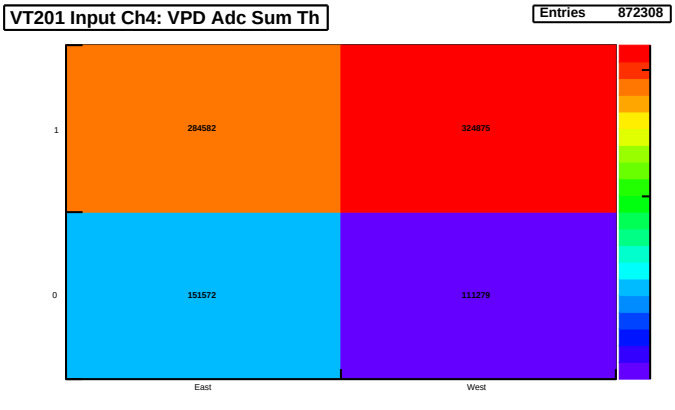

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

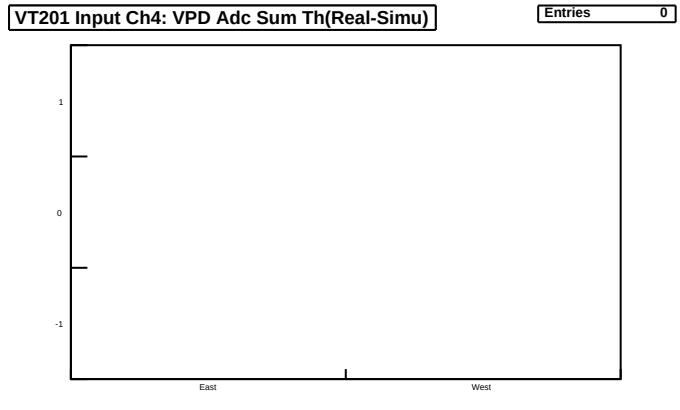

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3489232
10723
2713
22
16
9881
3938
69
61
425431
433441
436132
436138
426273
432216
436085
436093
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

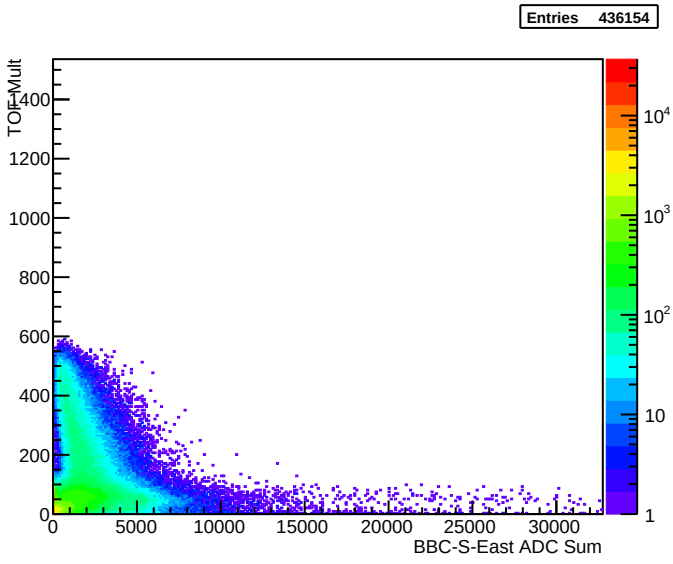

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

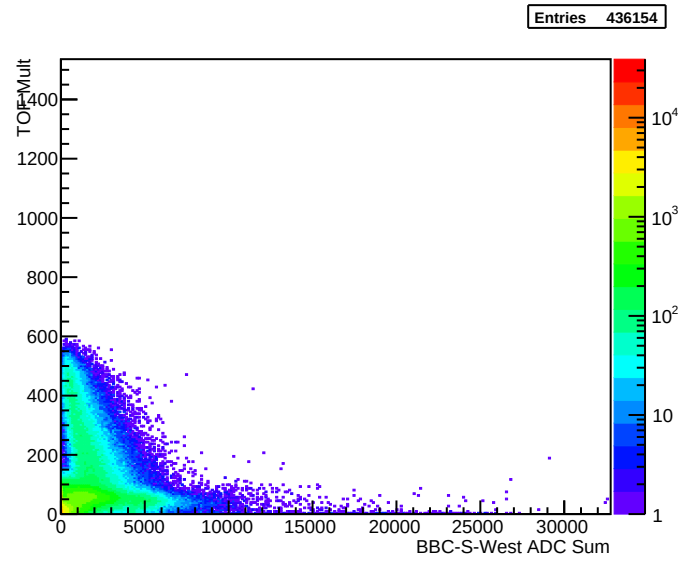

VT201 Input Ch4: VPD Tac Diff
Entries 436154
Tac

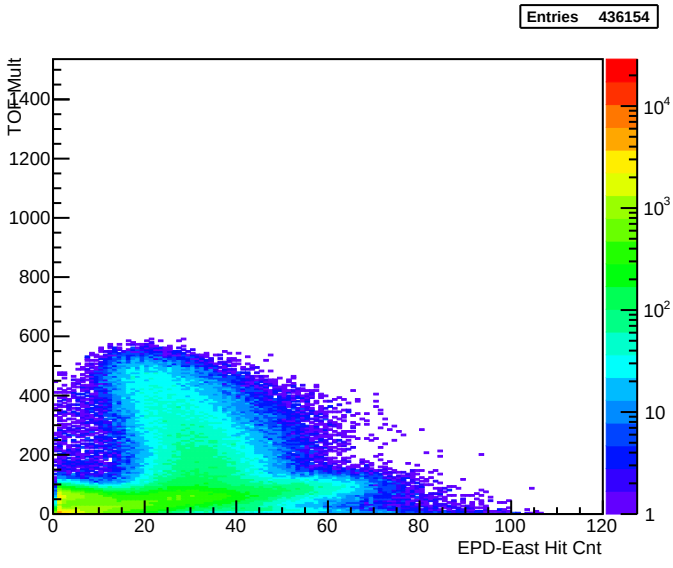

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

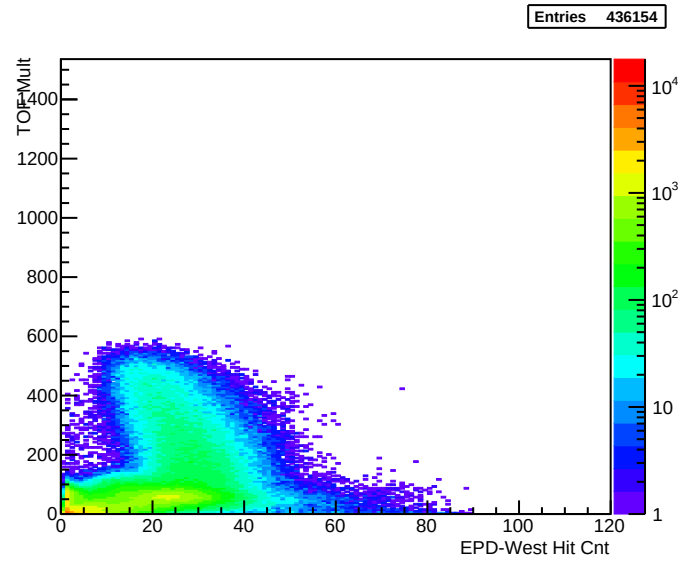

VT201 Input Ch4: VPD Adc Sum Th
Entries 872308
284582
324875
151572
111279
East
West

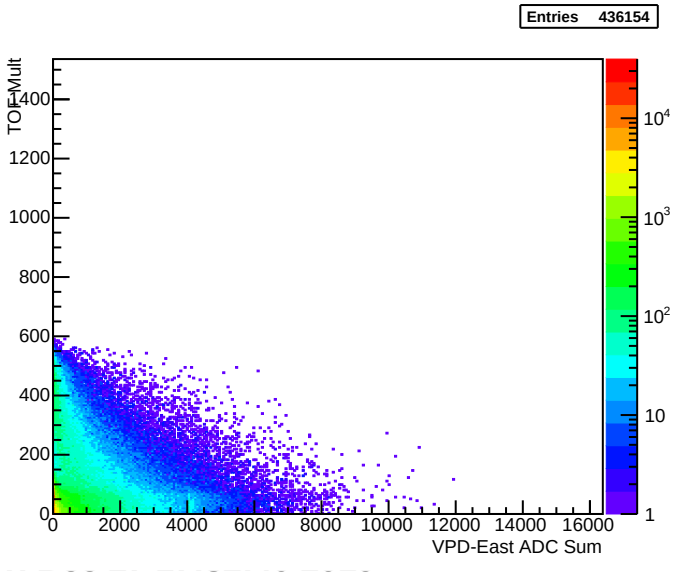

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

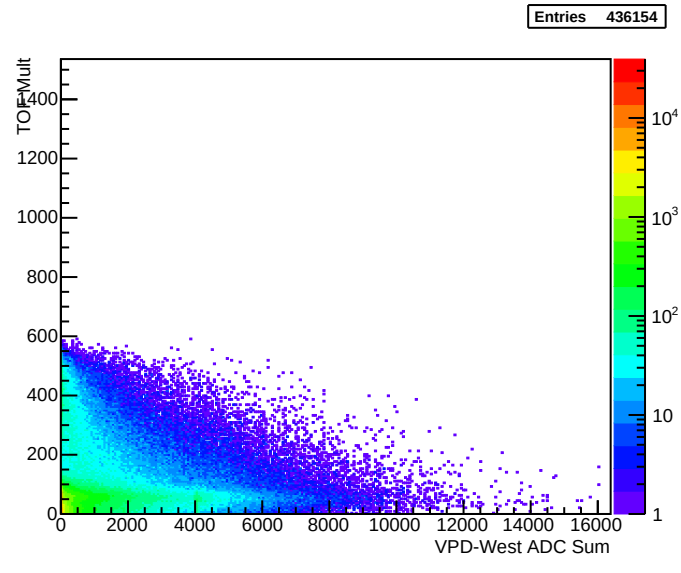

Entries 436154
TOF-Mult
BBC-S-East ADC Sum

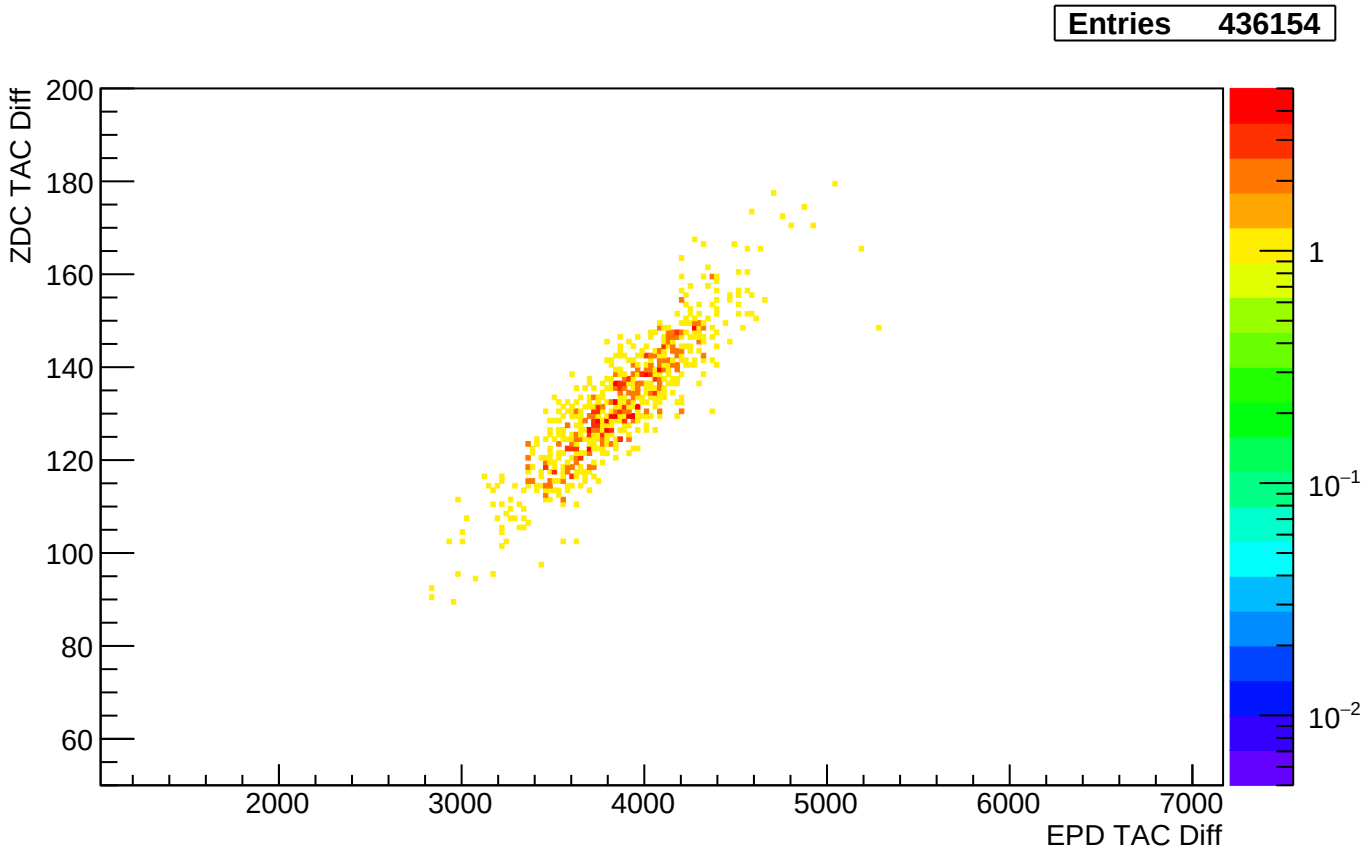

Entries 436154
TOF-Mult
BBC-S-West ADC Sum

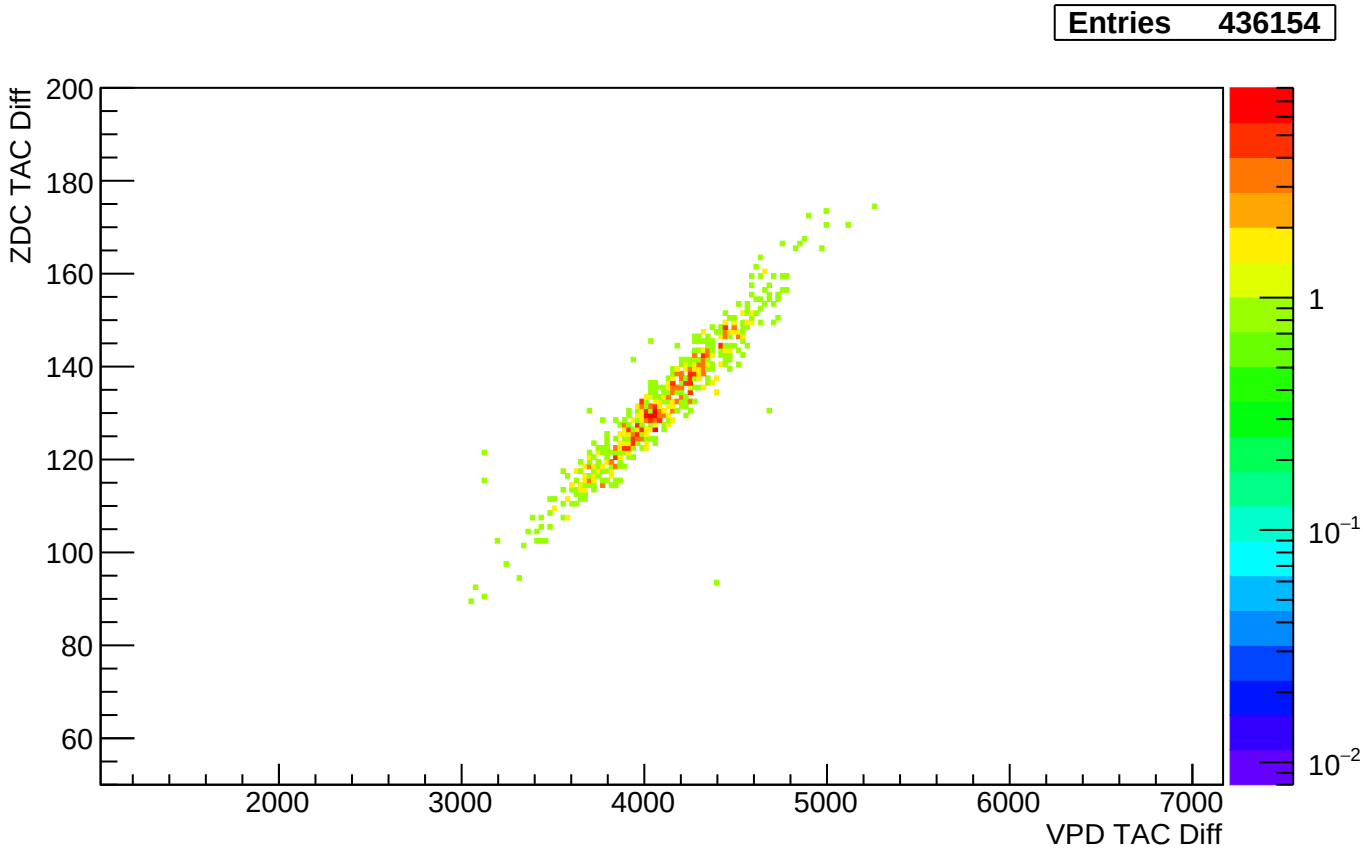

Entries 436154
TOF-Mult
EPD-East Hit Cnt

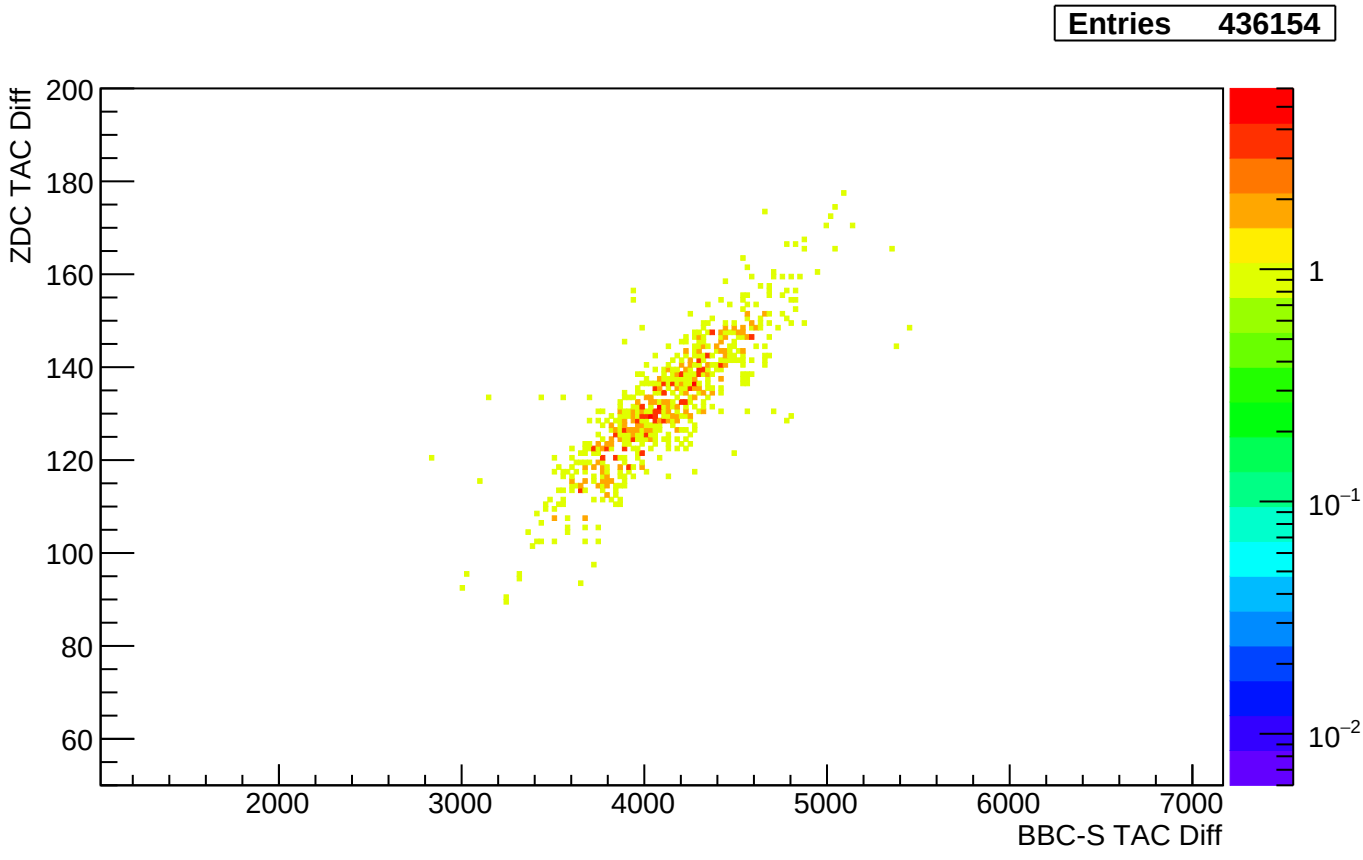

Entries 436154
TOF-Mult
EPD-West Hit Cnt

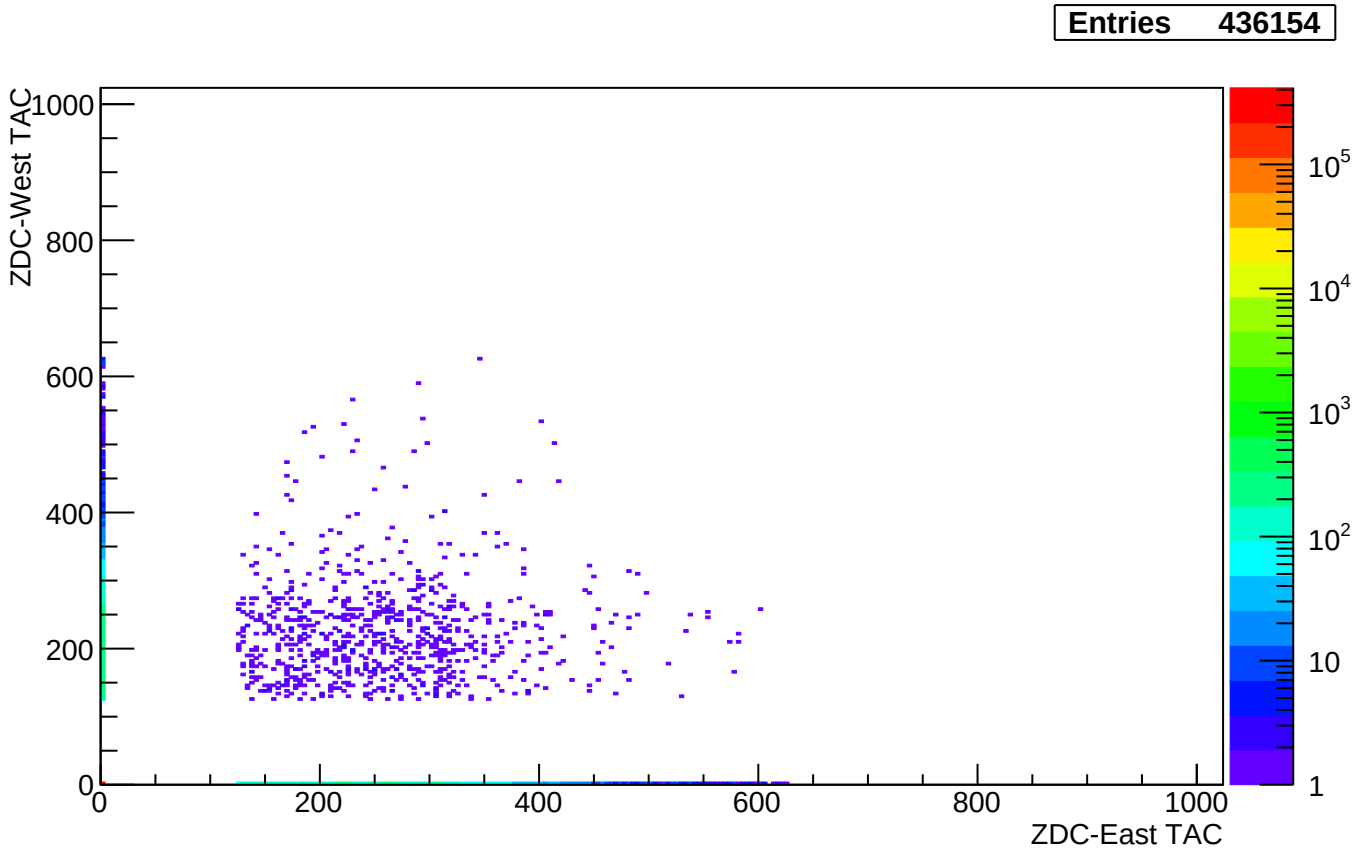

Entries 436154
TOF-Mult
VPD-East ADC Sum

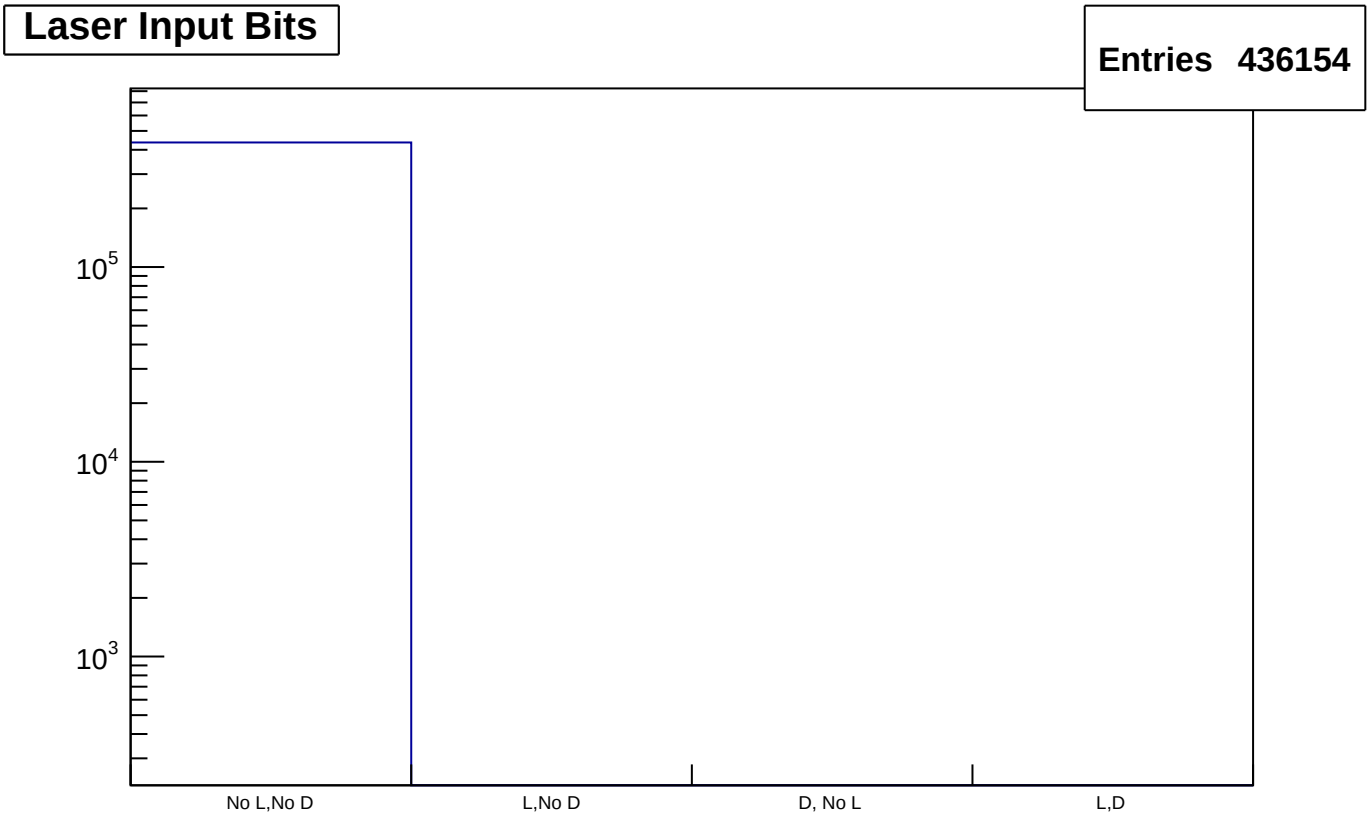

Entries 436154
TOF-Mult
VPD-West ADC Sum

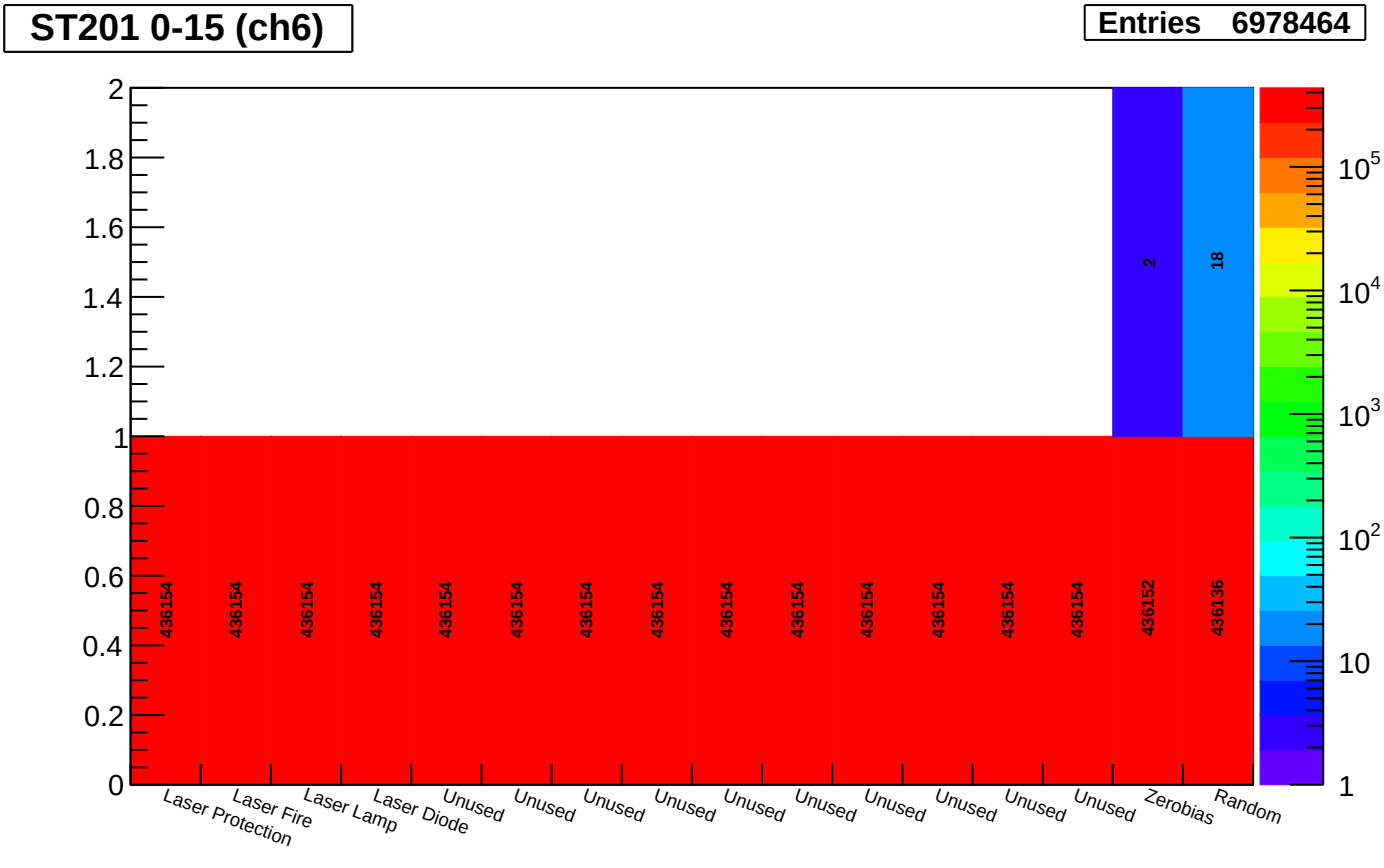

Entries 436154
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

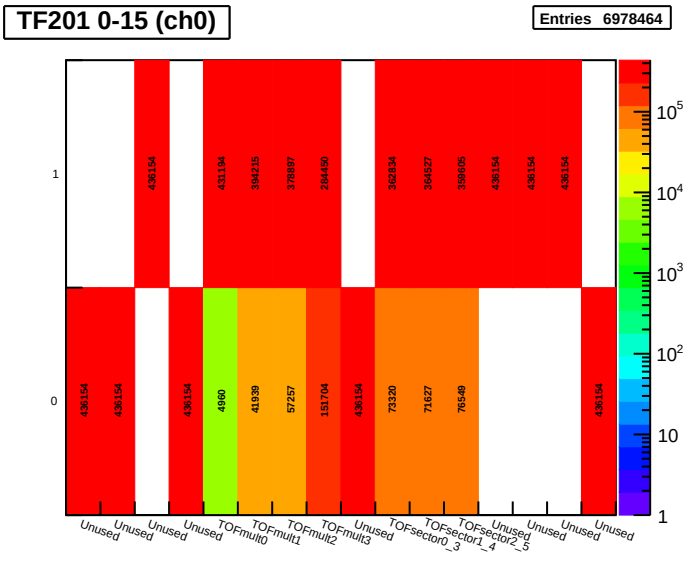

Entries 436154
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

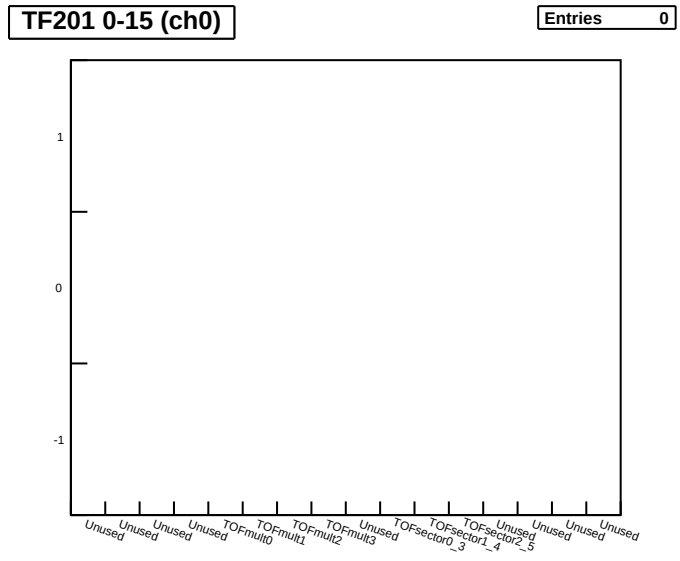

Entries 436154
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

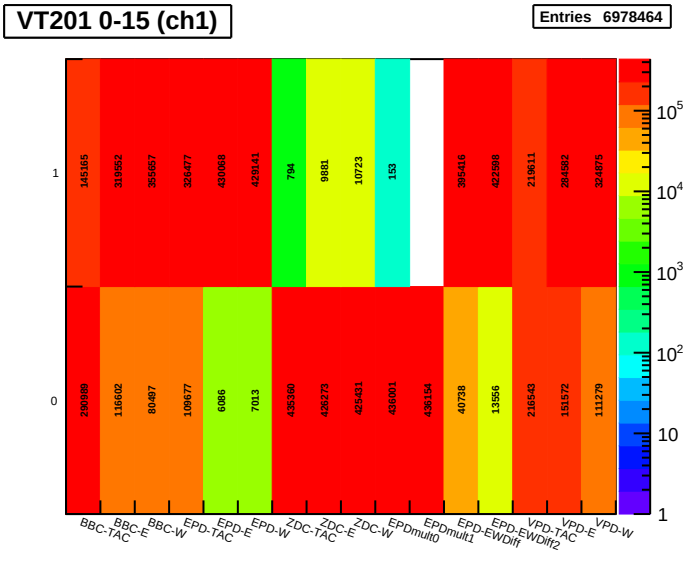

Entries 436154
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

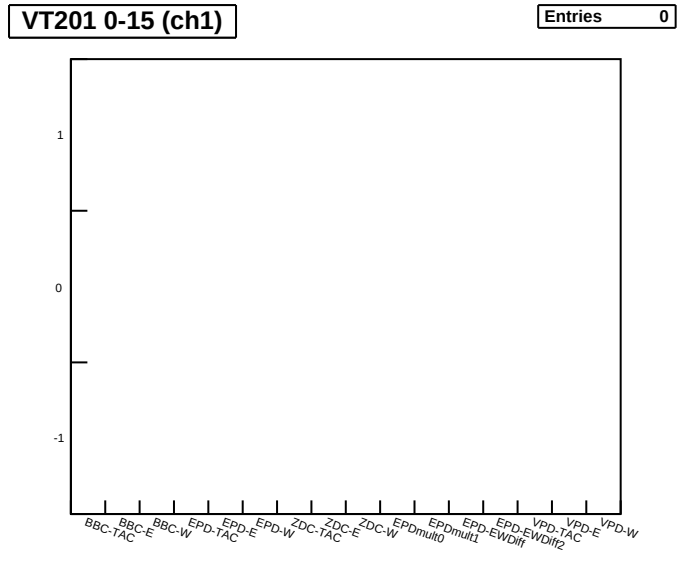

Laser Input Bits
Entries 436154
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

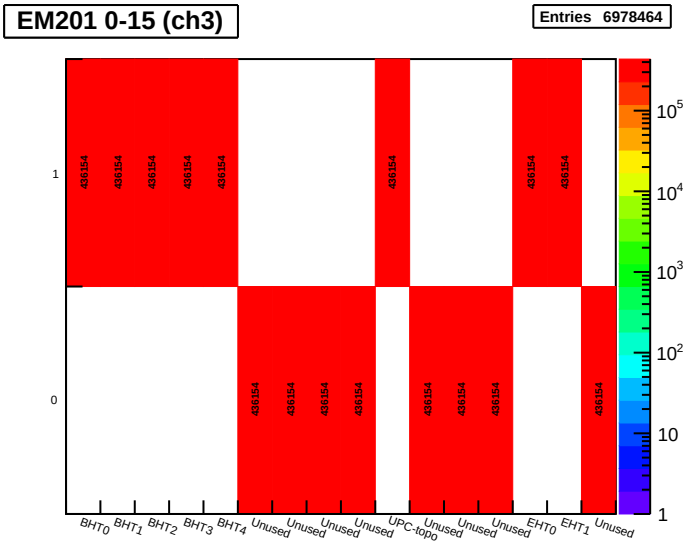

ST201 0-15 (ch6)
Entries 6978464
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
436154
436154
436154
436154
436154
436154
436154
436154
436154
436154
436154
436154
436154
436154
436152
436136
2
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

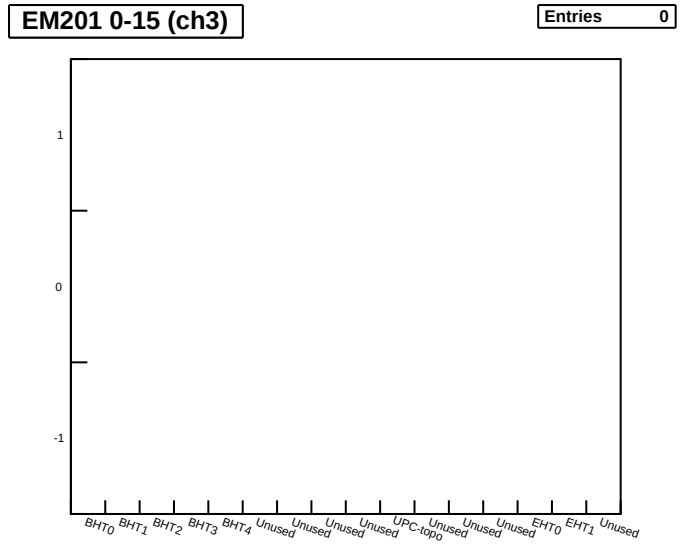

TF201 0-15 (ch0)
Entries 6978464
436154 436154 436154 436154 431194 394215 378897 294450 362834 364527 339605 436154 436154 436154
436154 436154 436154 4960 41939 57257 151704 436154 73320 71627 76549 436154
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


TF201 0-15 (ch0)
Entries 0
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 6978464
145165 319952 355657 326477 430068 429141 794 9881 10723 153 395416 422598 219611 284982 324875
230989 116602 80497 109677 6086 7013 438360 428273 425431 436001 436154 40738 13566 216543 151572 111279
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


VT201 0-15 (ch1)
Entries 0
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 6978464
436154 436154 436154 436154 436154 436154 436154 436154
436154 436154 436154 436154 436154 436154 436154 436154
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused