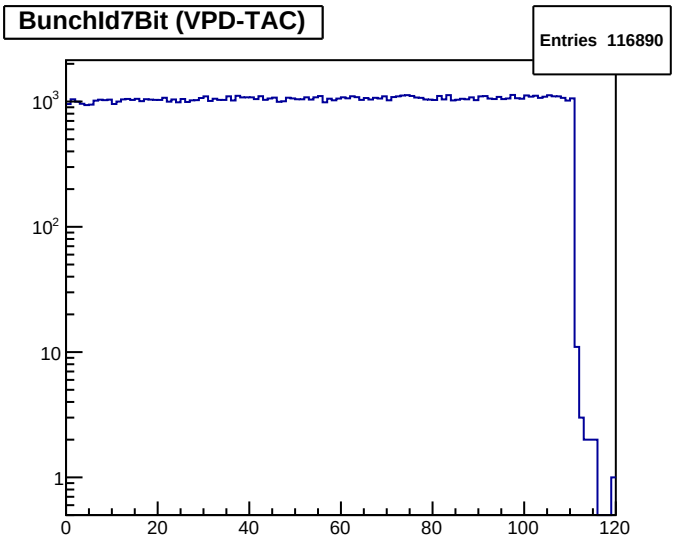
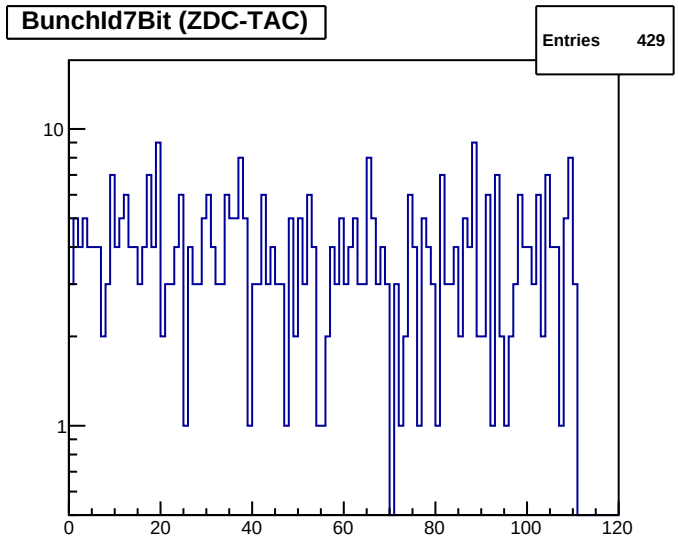
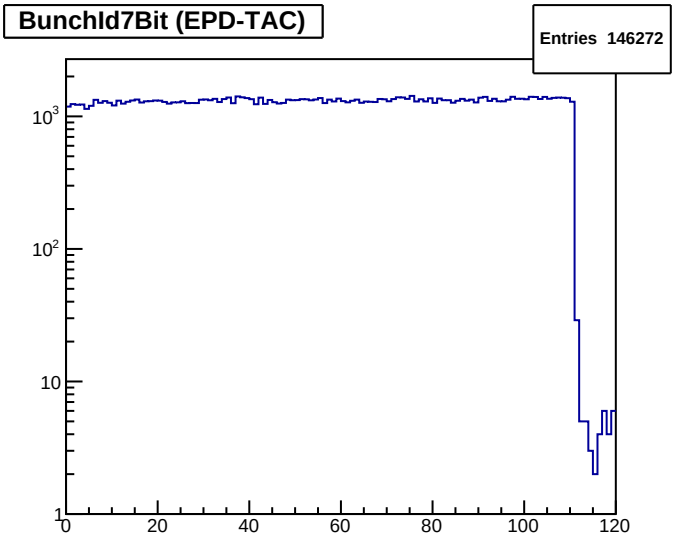
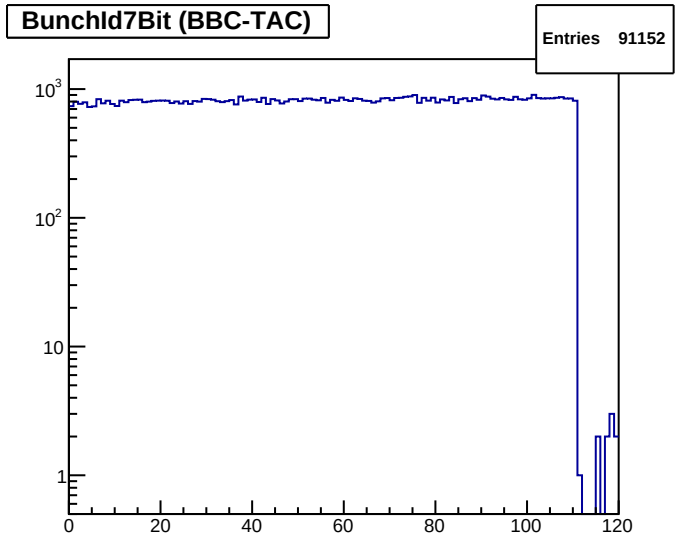
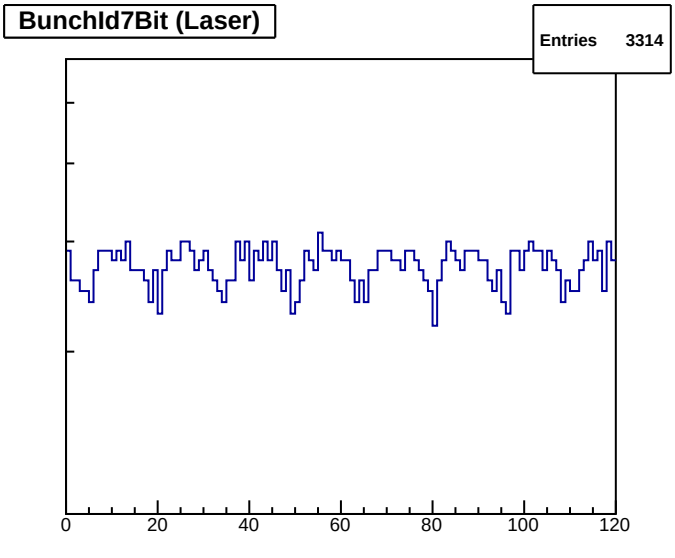
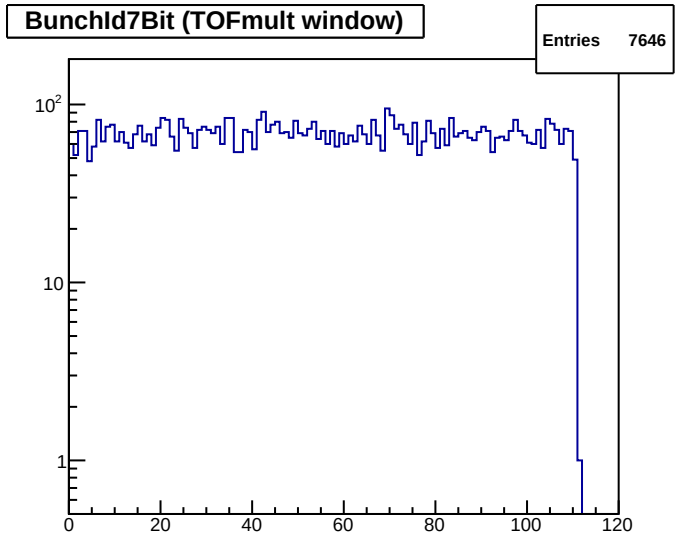

BunchId7Bit (VPD-TAC)
Entries 116890

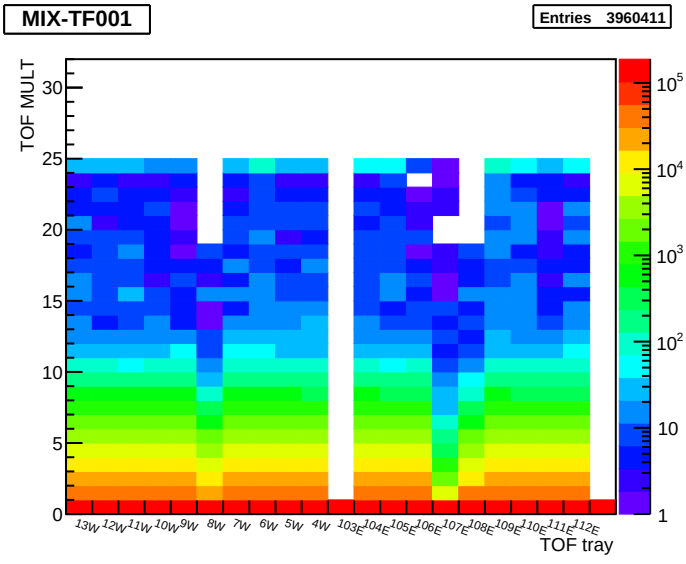

BunchId7Bit (ZDC-TAC)
Entries 429

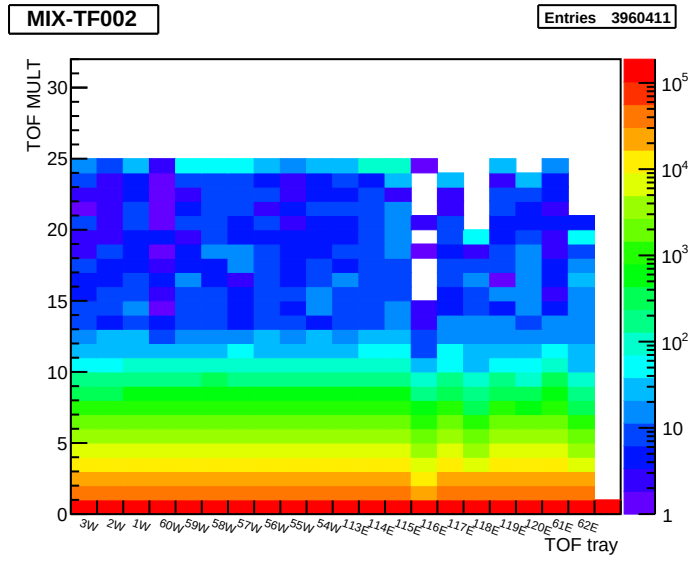

BunchId7Bit (EPD-TAC)
Entries 146272

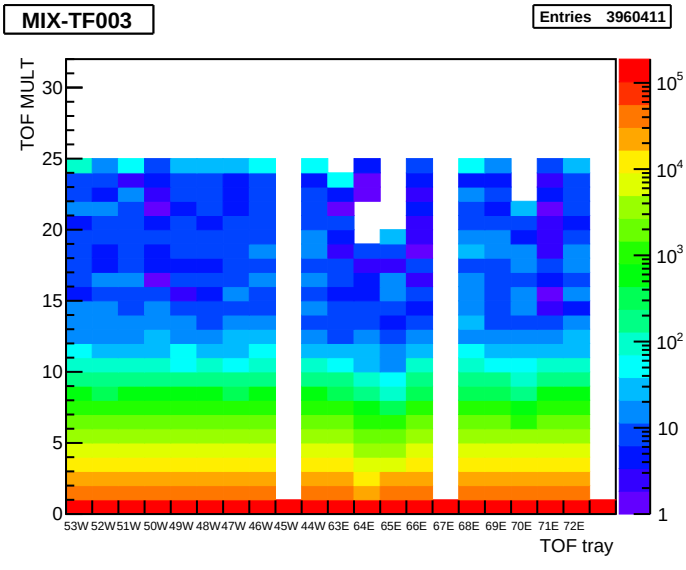

BunchId7Bit (BBC-TAC)
Entries 91152

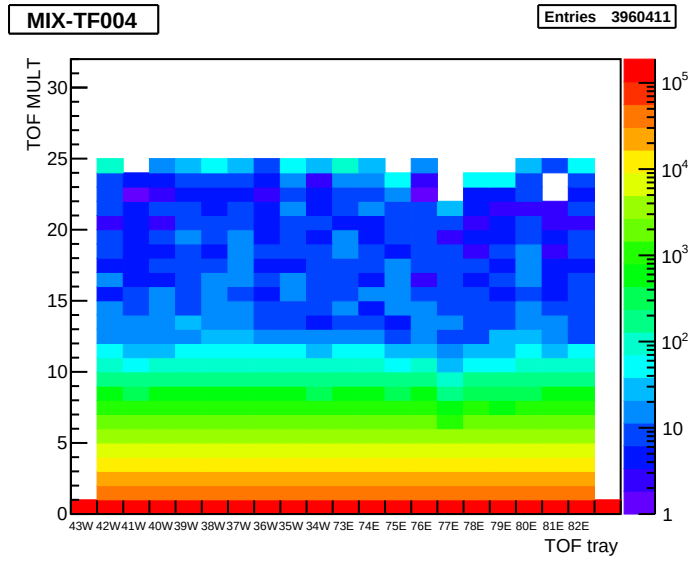

BunchId7Bit (Laser)
Entries 3314

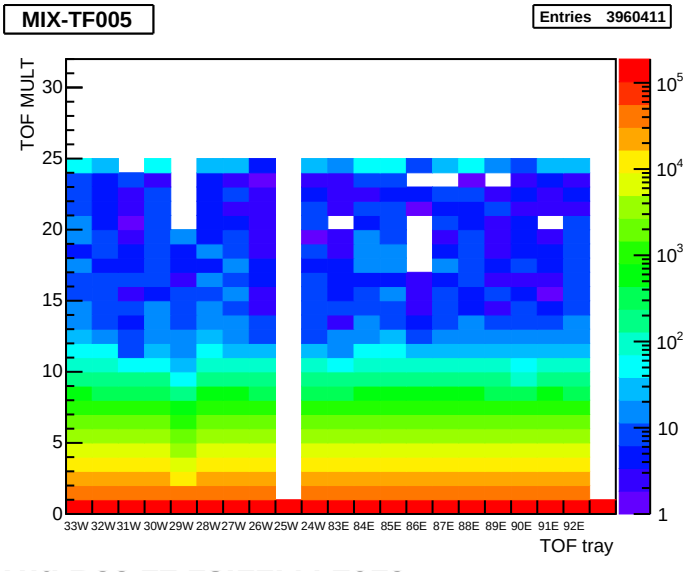

BunchId7Bit (TOFmult window)
Entries 7646

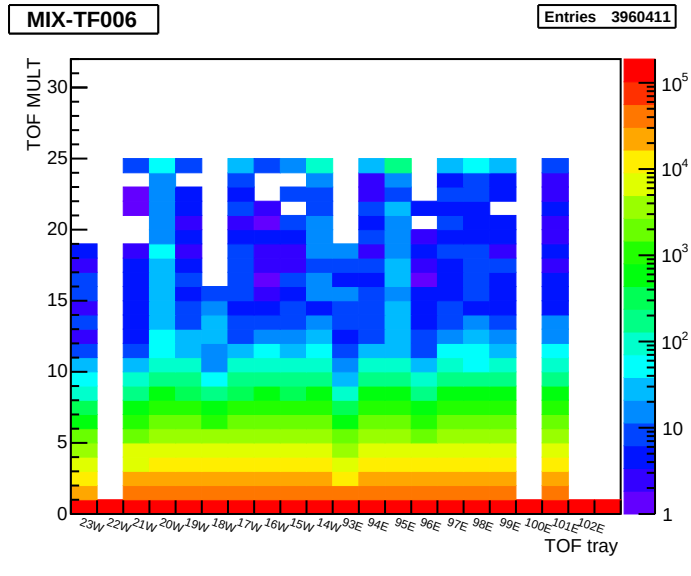

MIX-TF001
Entries 3960411
TOF MULT
TOF tray

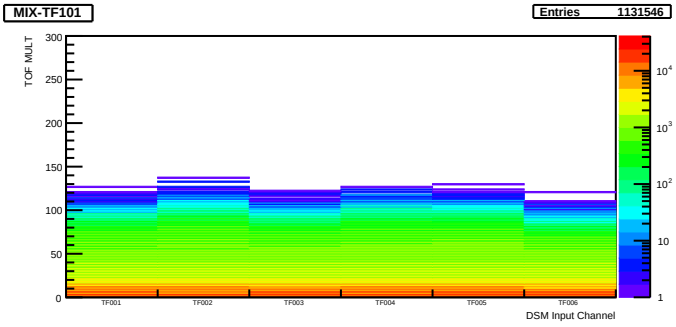

MIX-TF002
Entries 3960411
TOF MULT
TOF tray

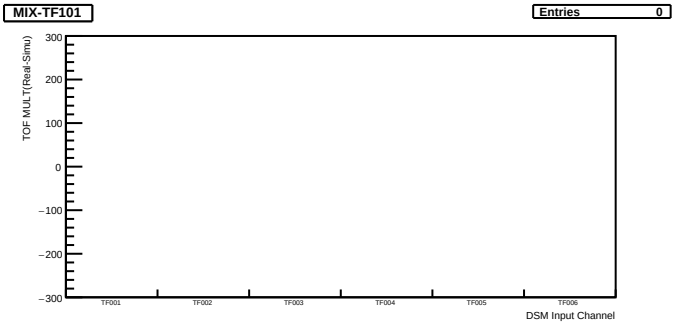

MIX-TF003
Entries 3960411
TOF MULT
TOF tray

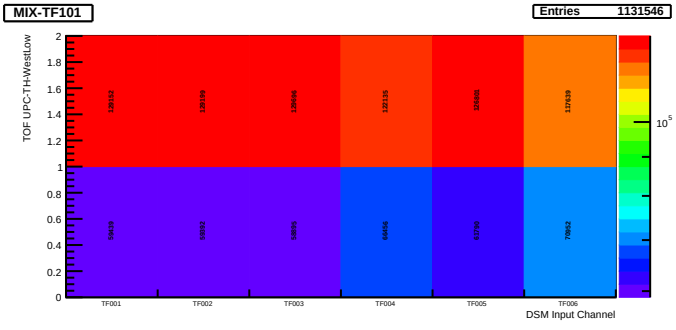

MIX-TF004
Entries 3960411
TOF MULT
TOF tray

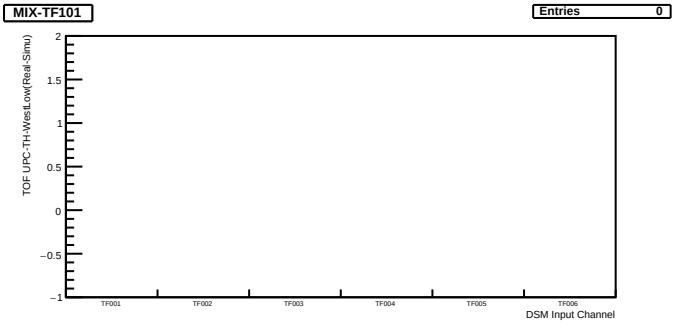

MIX-TF005
Entries 3960411
TOF MULT
TOF tray

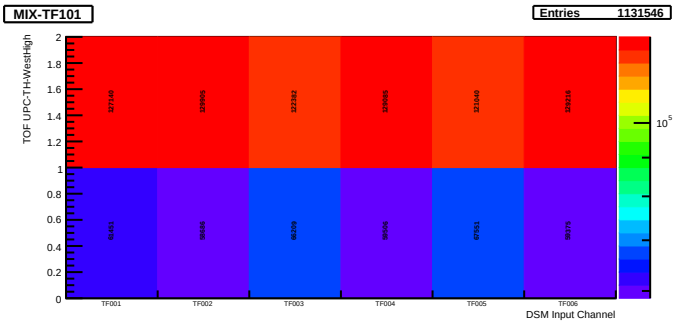

MIX-TF006
Entries 3960411
TOF MULT
TOF tray

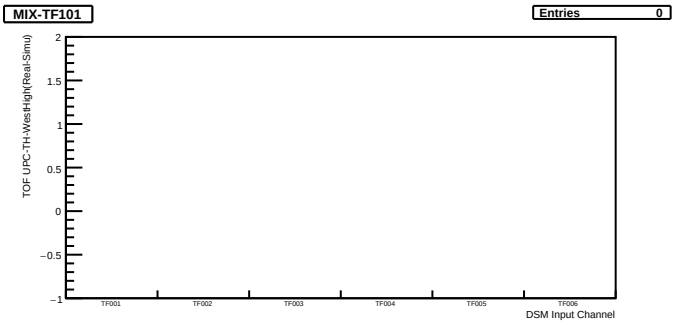

MIX-TF101
Entries 1131546
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

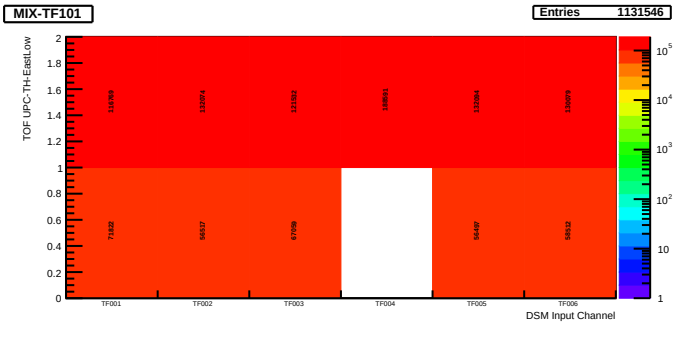

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

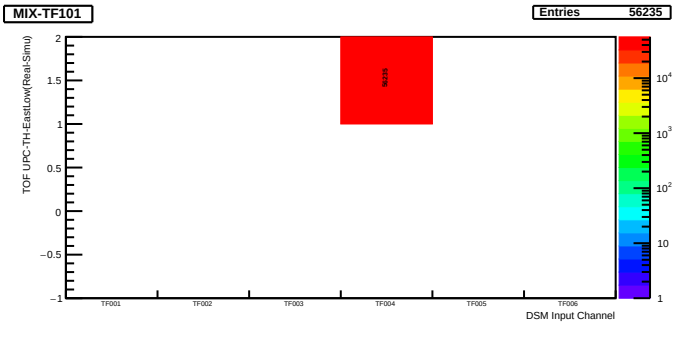

MIX-TF101
Entries 1131546
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

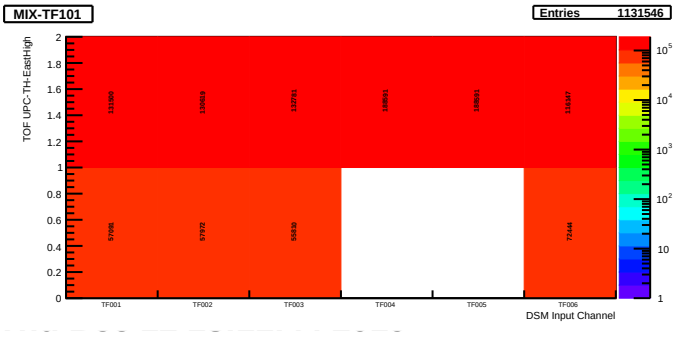

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

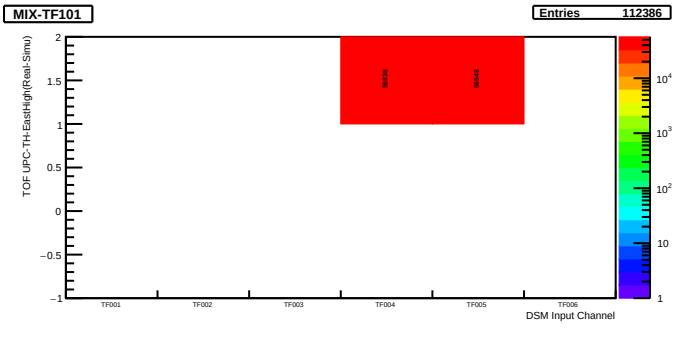

MIX-TF101
Entries 1131546
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

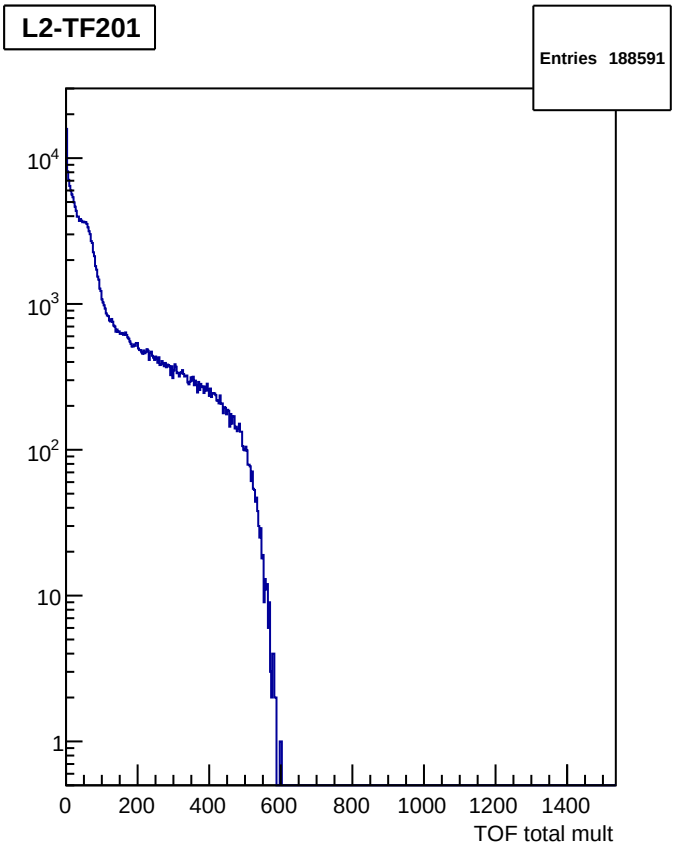

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

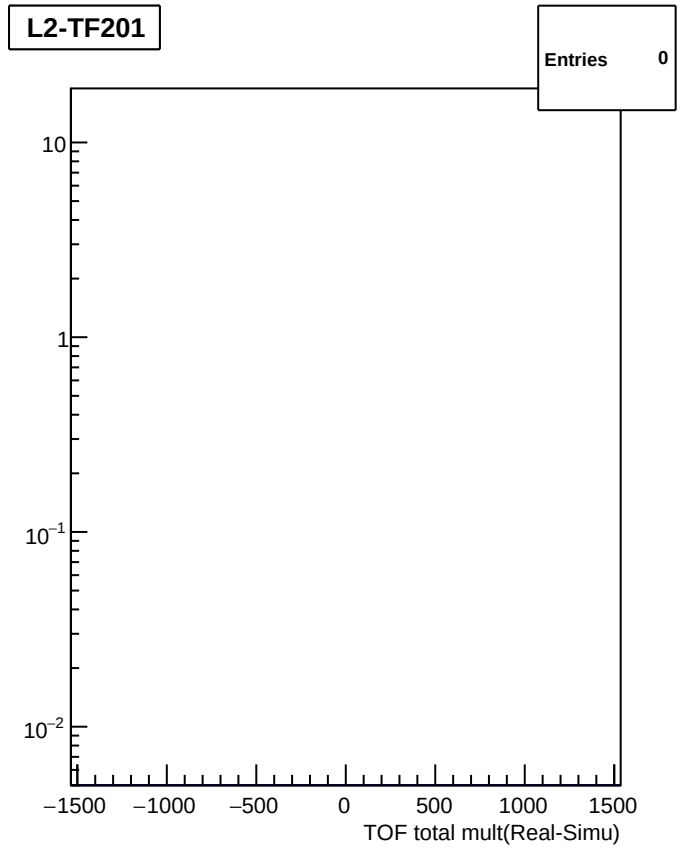

MIX-TF101
Entries 1131546
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

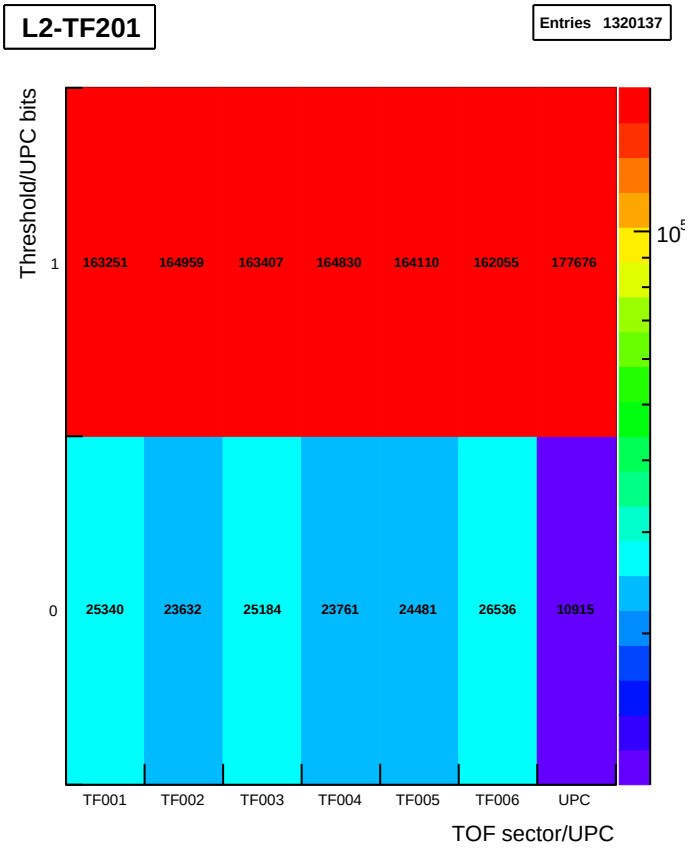

MIX-TF101
Entries 56235
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

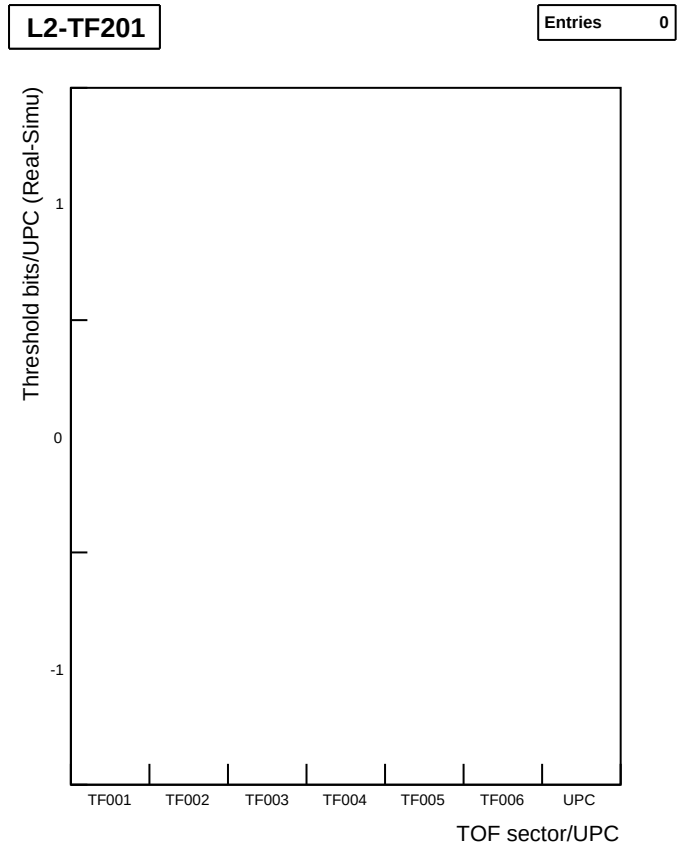

MIX-TF101
Entries 1131546
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

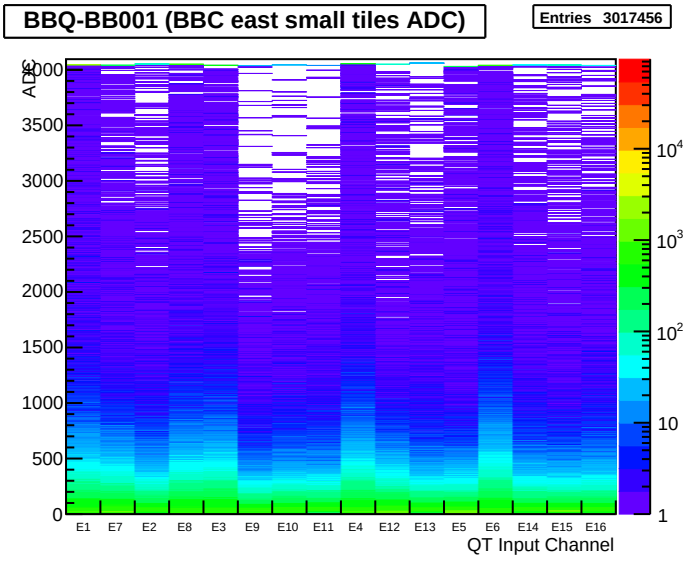

MIX-TF101
Entries 112386
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

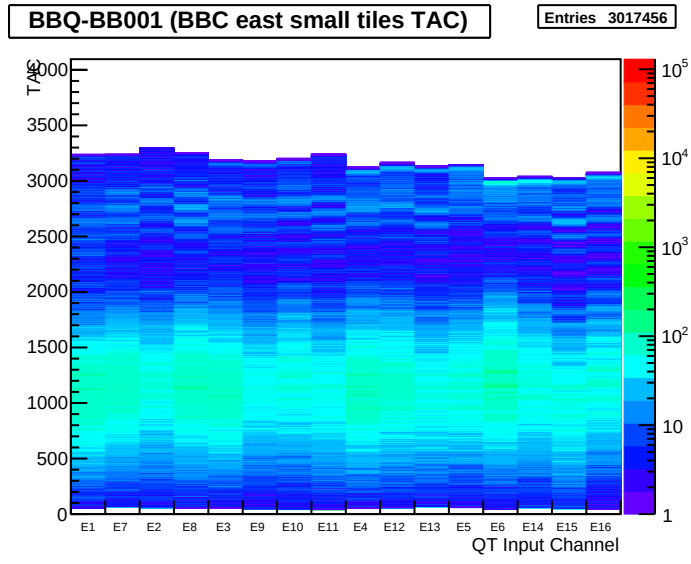

L2-TF201
Entries 188591
TOF total mult

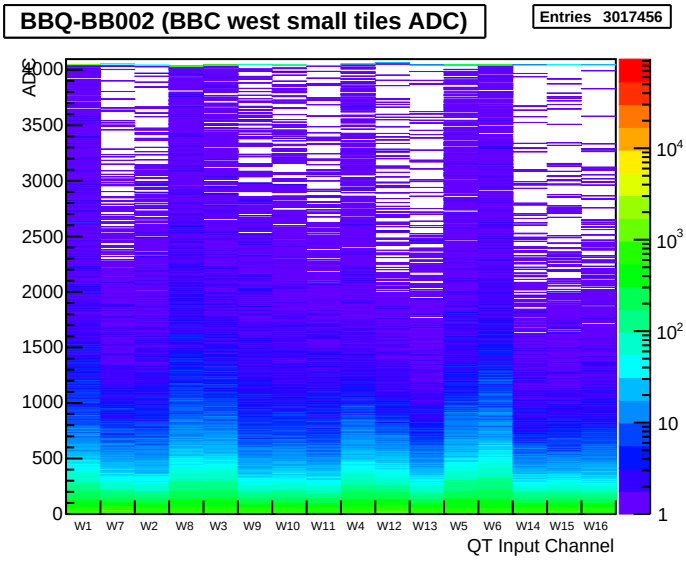

L2-TF201
Entries 0
TOF total mult(Real-Simu)

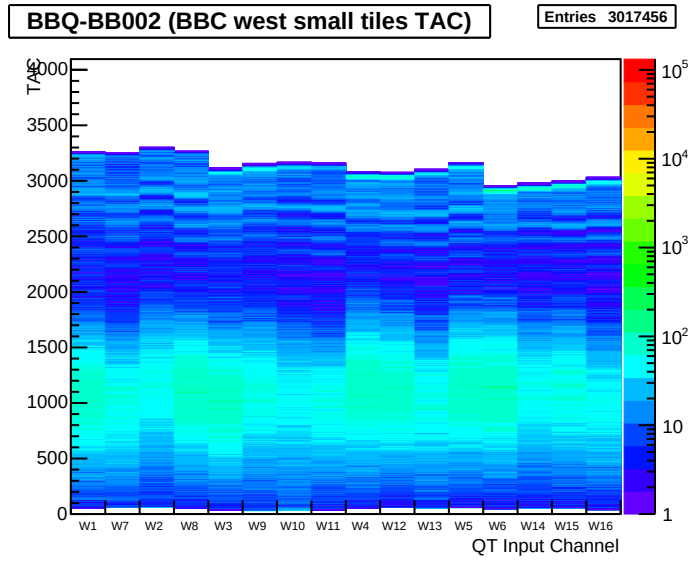

L2-TF201
Entries 1320137
Threshold/UPC bits
163251
164959
163407
164830
164110
162055
177676
25340
23632
25184
23761
24481
26536
10915
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

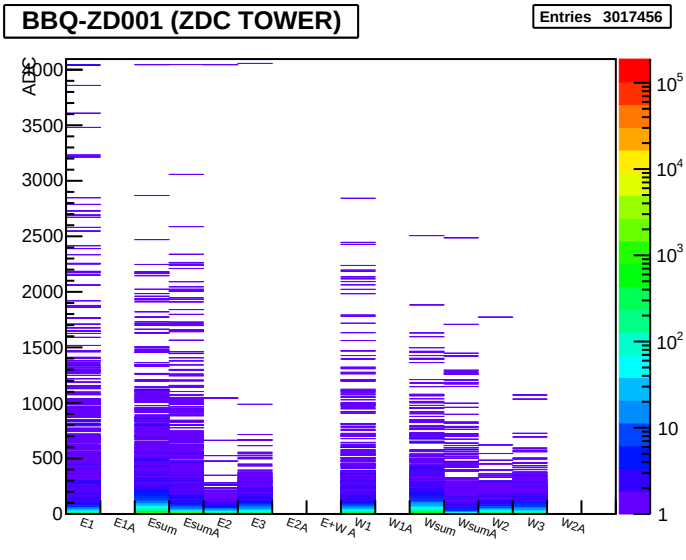

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

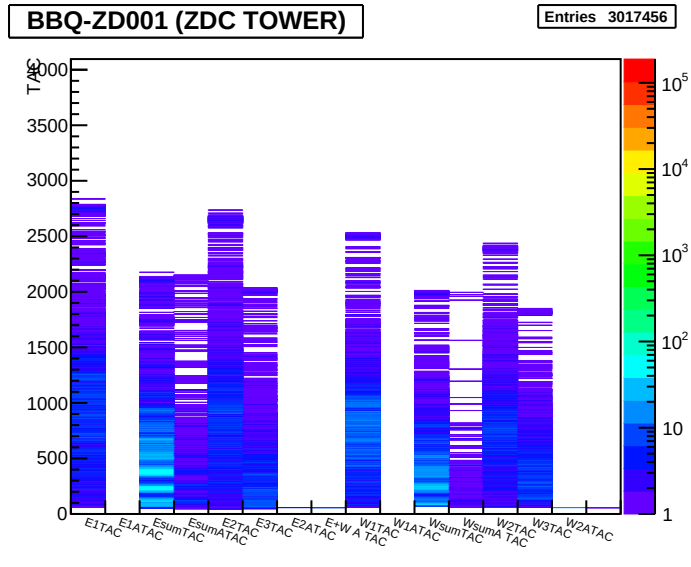

BBQ-BB001 (BBC east small tiles ADC)
Entries 3017456
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

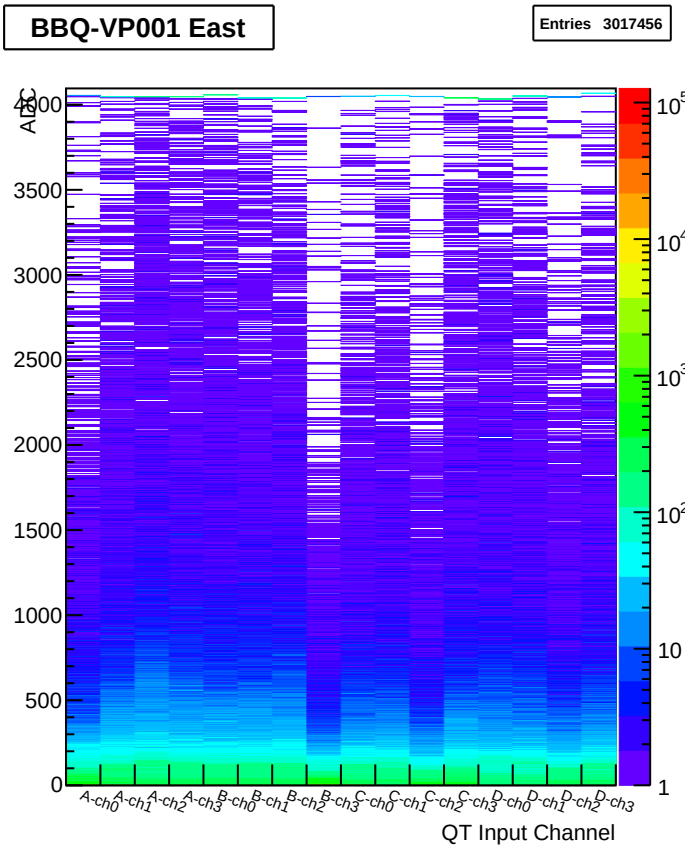

BBQ-BB001 (BBC east small tiles TAC)
Entries 3017456
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

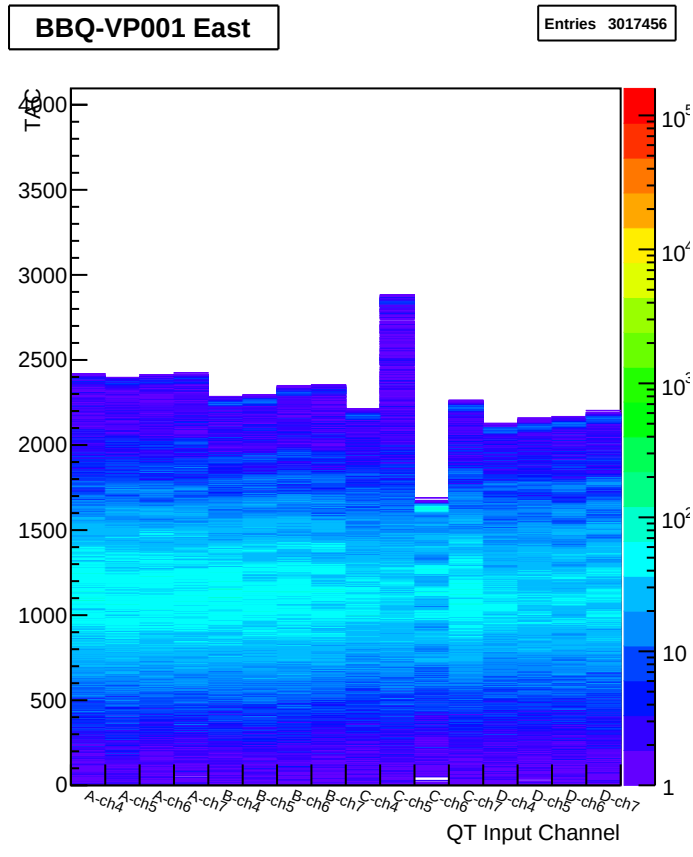

BBQ-BB002 (BBC west small tiles ADC)
Entries 3017456
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

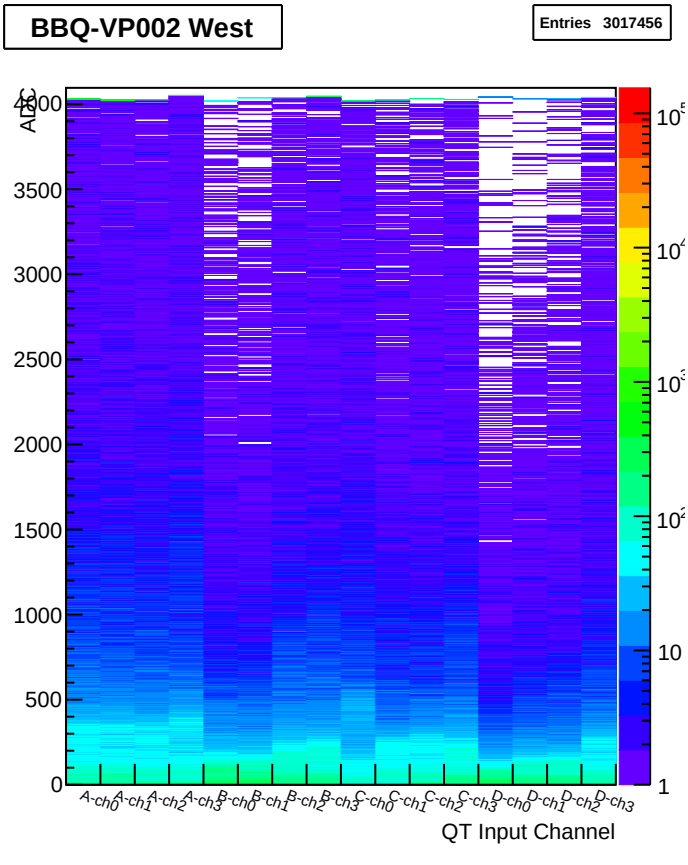

BBQ-BB002 (BBC west small tiles TAC)
Entries 3017456
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

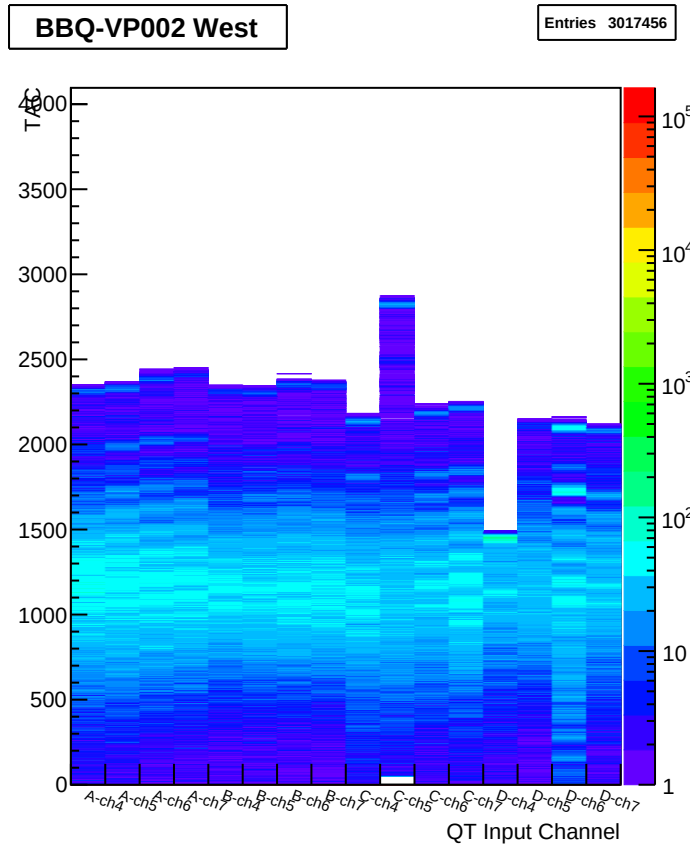

BBQ-ZD001 (ZDC TOWER)
Entries 3017456
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

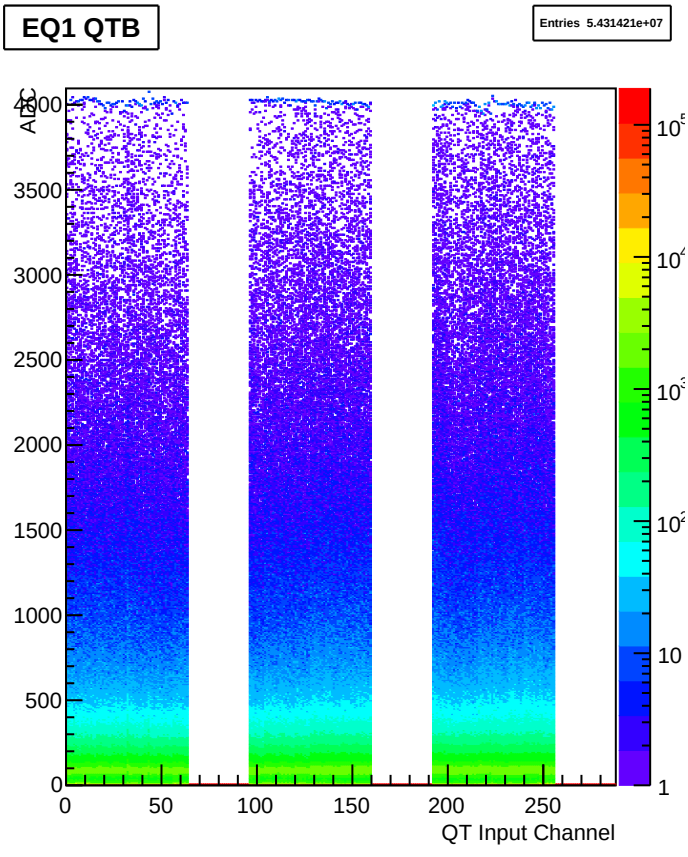

BBQ-ZD001 (ZDC TOWER)
Entries 3017456
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

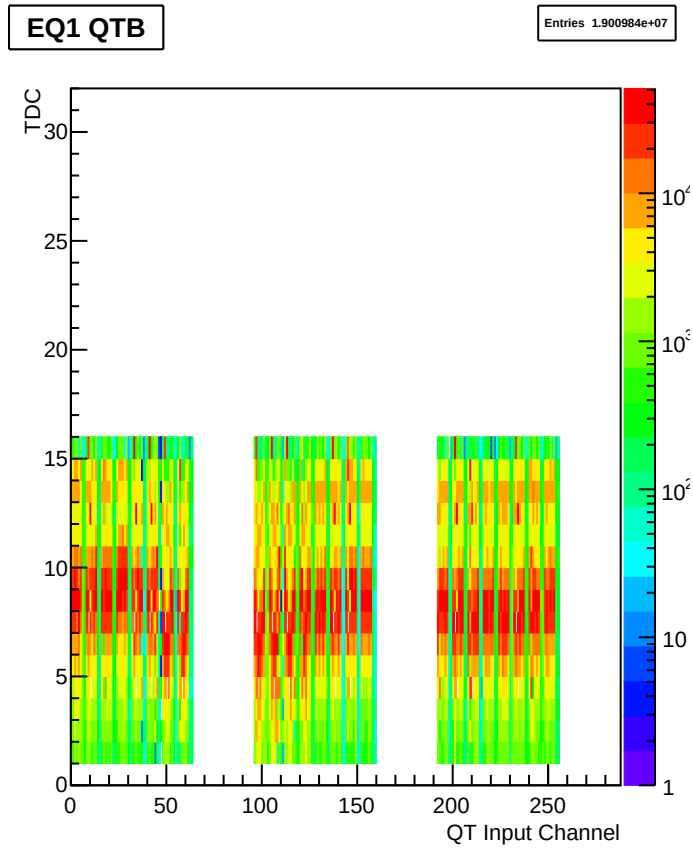

BBQ-VP001 East
Entries 3017456
ADC
QT Input Channel

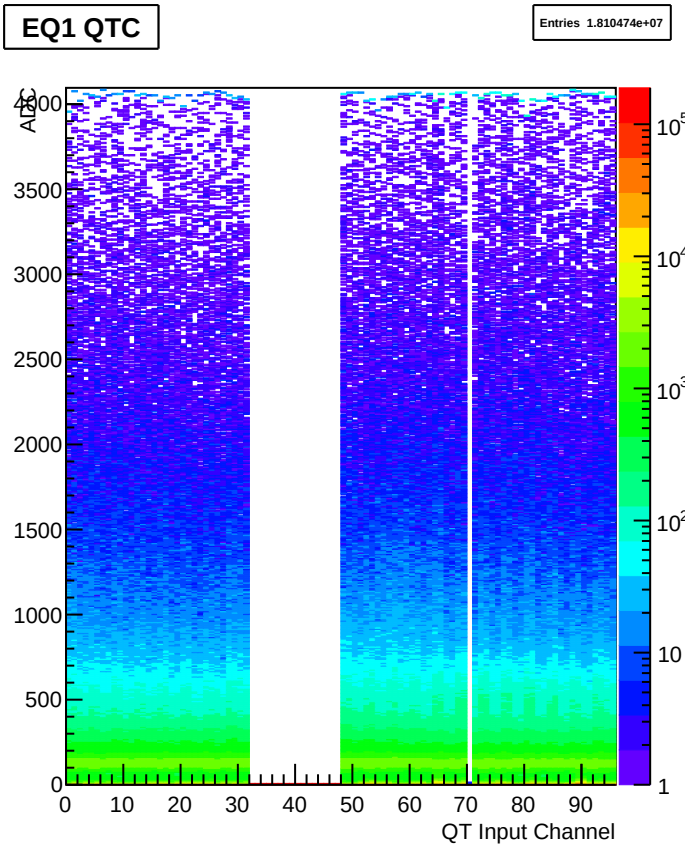

BBQ-VP001 East
Entries 3017456
TADC
QT Input Channel

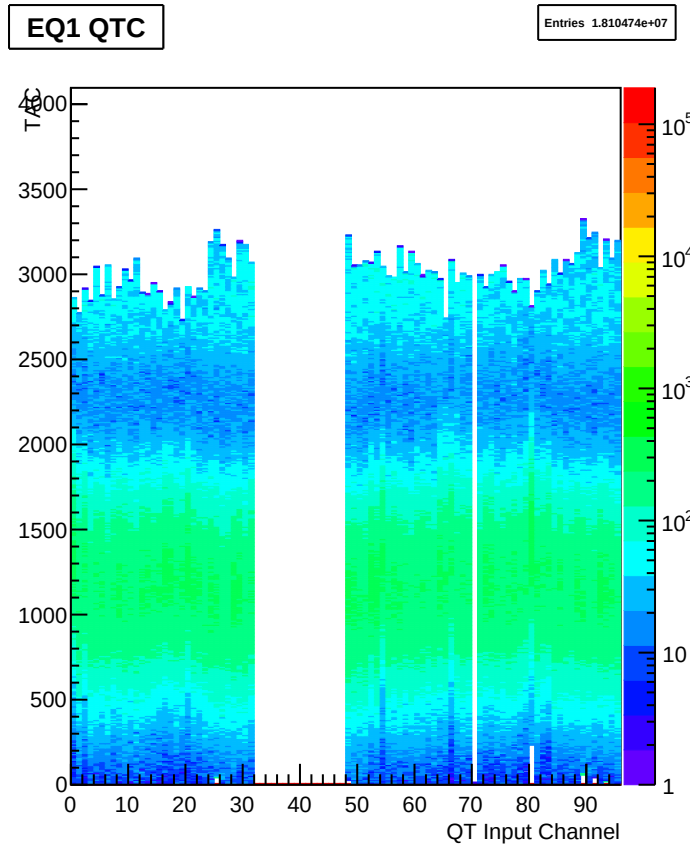

BBQ-VP002 West
Entries 3017456
ADC
QT Input Channel

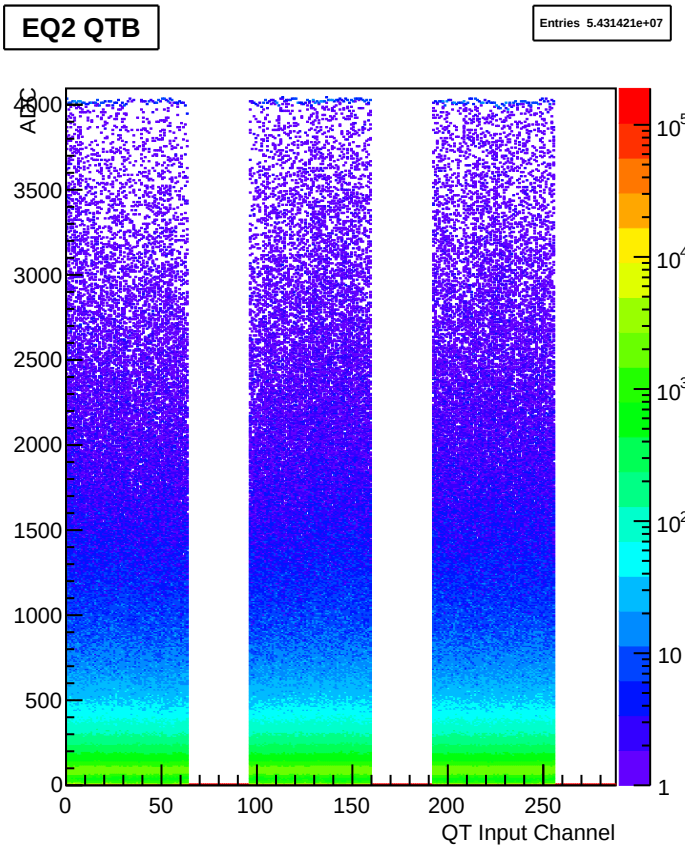

BBQ-VP002 West
Entries 3017456
TADC
QT Input Channel

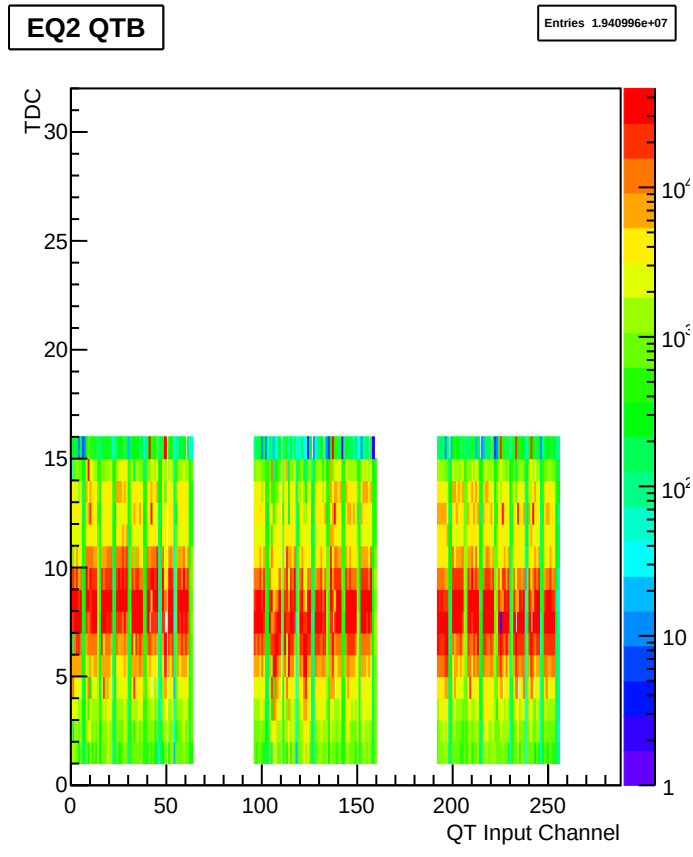

EQ1 QTB
Entries 5.431421e+07
ADC
QT Input Channel

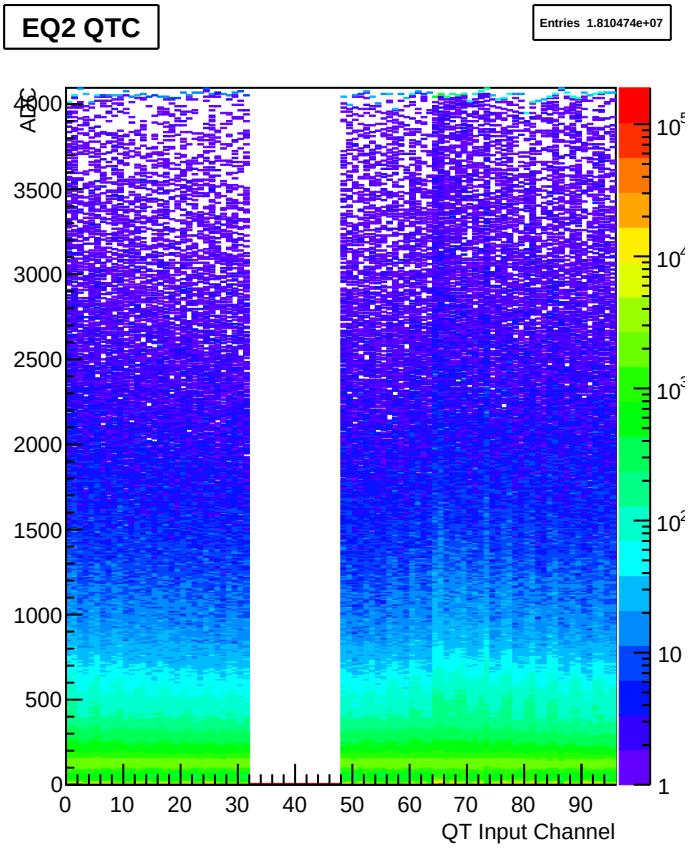

EQ1 QTB
Entries 1.900984e+07
TDC
QT Input Channel

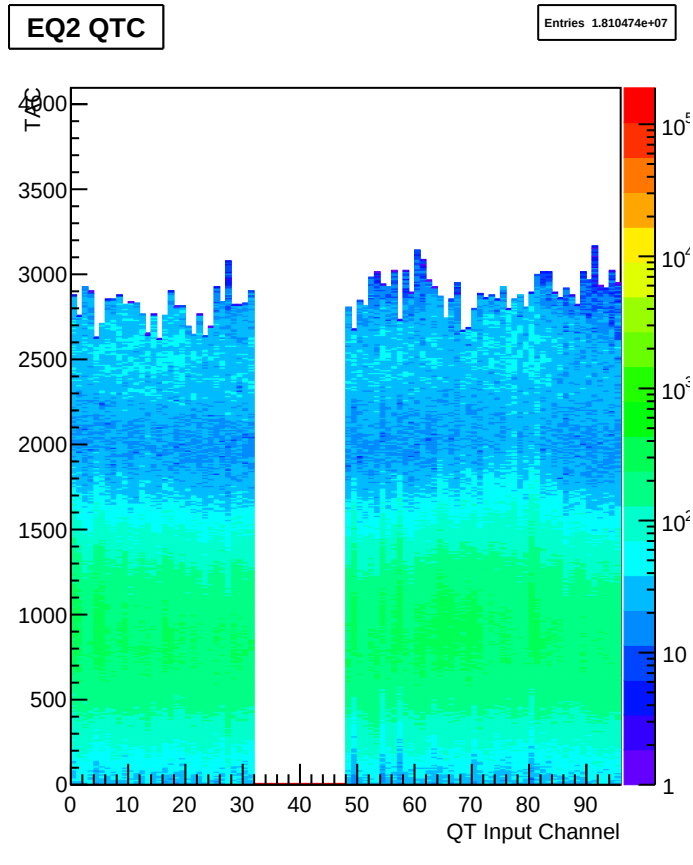

EQ1 QTC
Entries 1.810474e+07
ADC
QT Input Channel

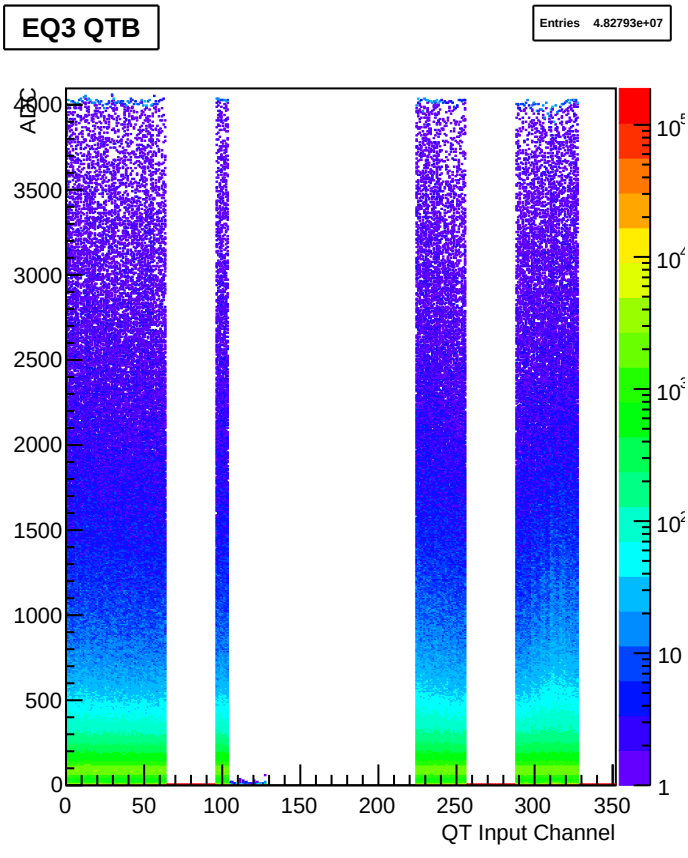

EQ1 QTC
Entries 1.810474e+07
TADC
QT Input Channel

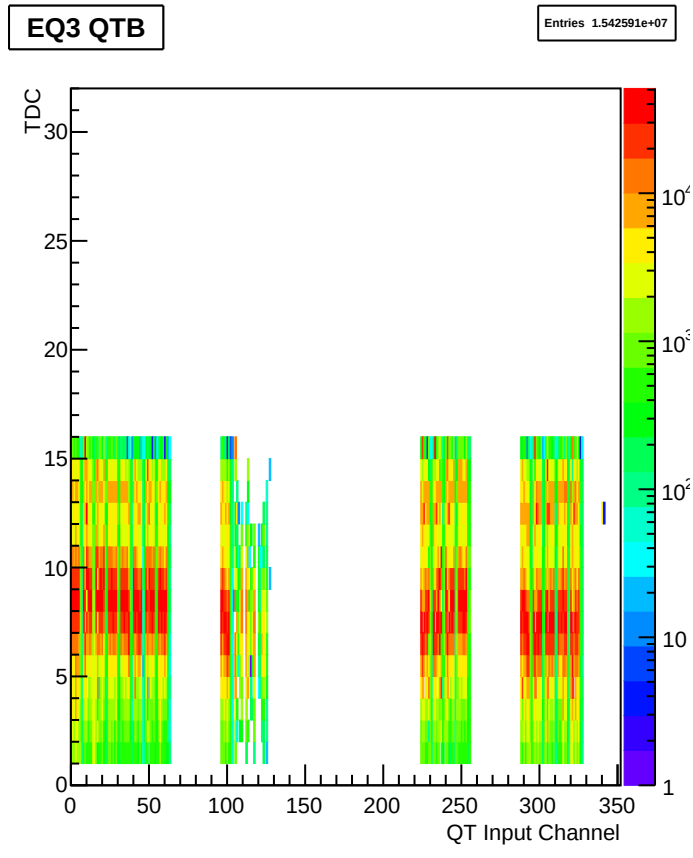

EQ2 QTB
Entries 5.431421e+07
ADC
QT Input Channel

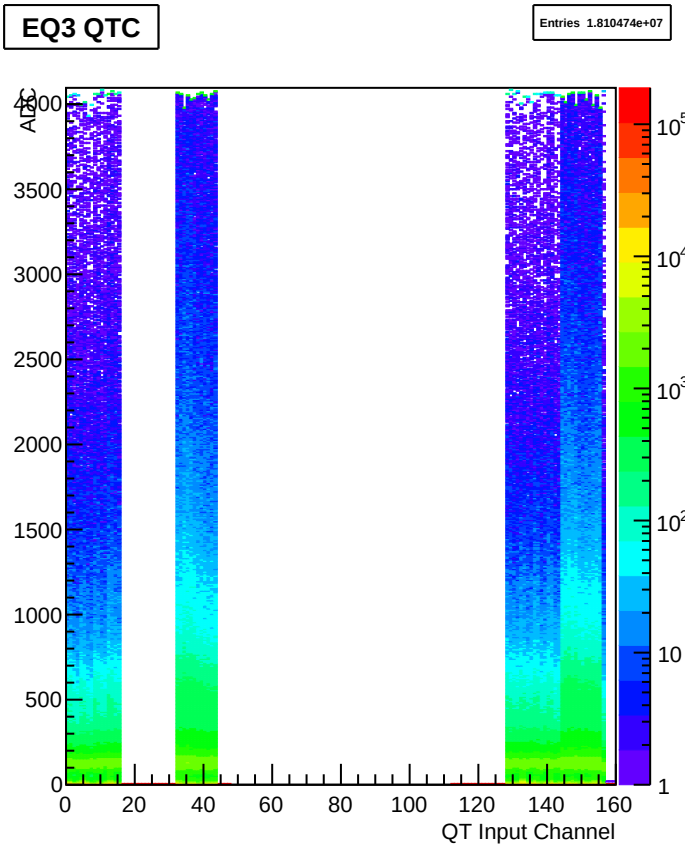

EQ2 QTB
Entries 1.940996e+07
TDC
QT Input Channel

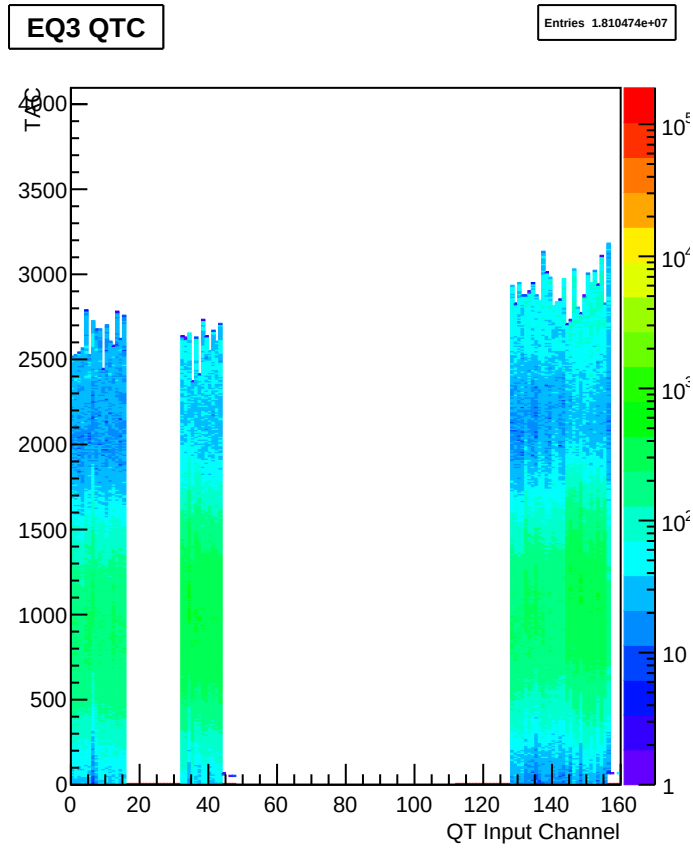

EQ2 QTC
Entries 1.810474e+07
ADC
QT Input Channel

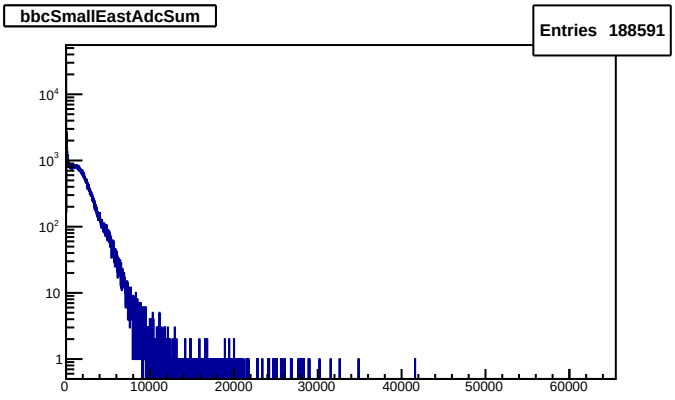

EQ2 QTC
Entries 1.810474e+07
TADC
QT Input Channel

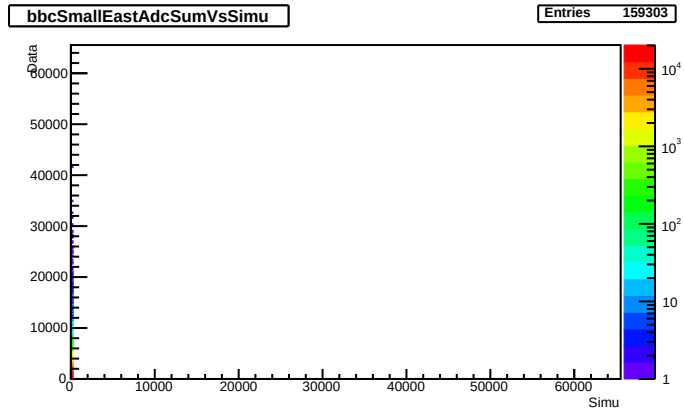

EQ3 QTB
Entries 4.82793e+07
ADC
QT Input Channel

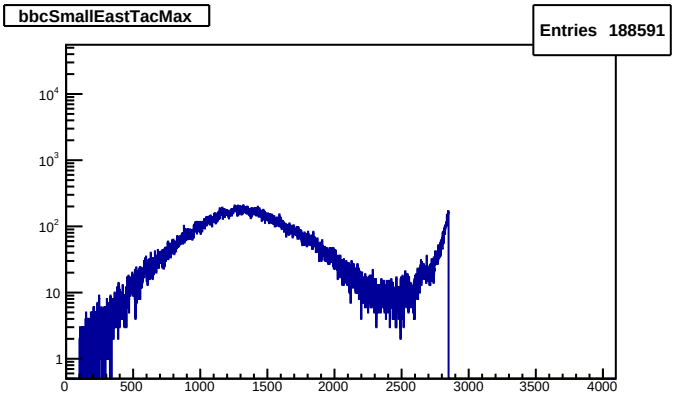

EQ3 QTB
Entries 1.542591e+07
TDC
QT Input Channel

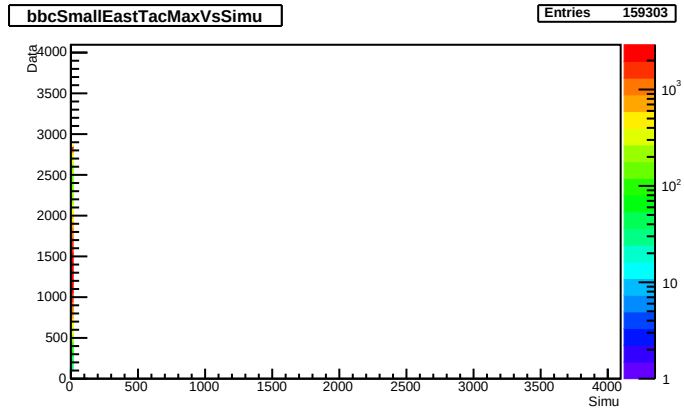

EQ3 QTC
Entries 1.810474e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.810474e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 188591


bbcSmallEastAdcSumVsSimu
Entries 159303
Data
Simu


bbcSmallEastTacMax
Entries 188591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Entries 159303
Data
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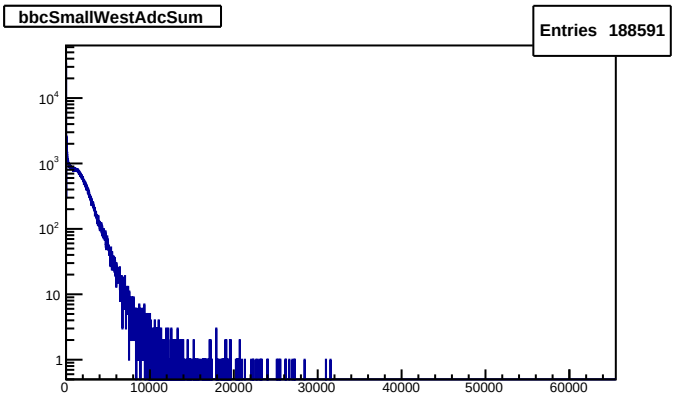
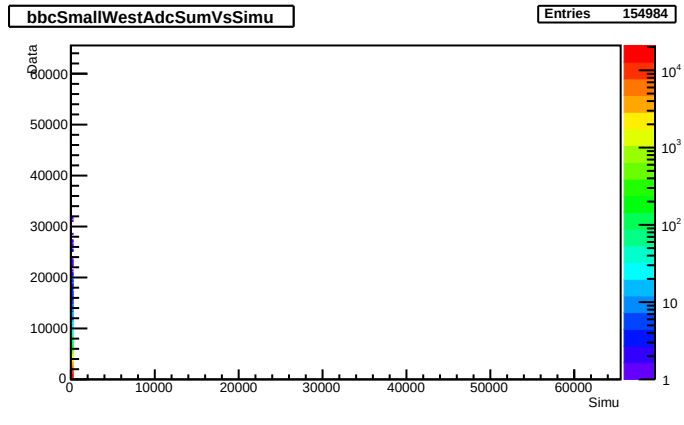
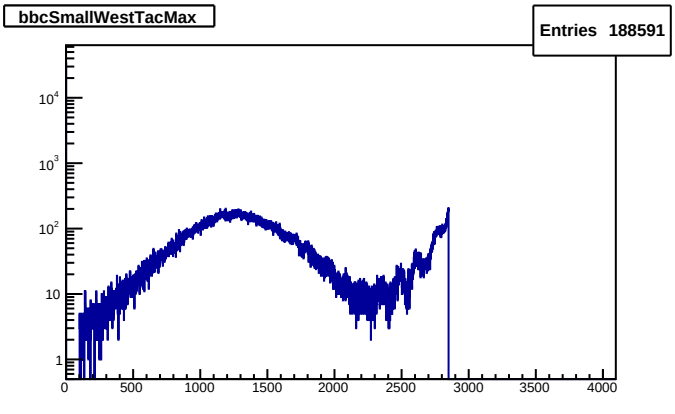

bbcSmallWestAdcSum
Entries 188591


bbcSmallWestAdcSumVsSimu
Entries 154984
Data
Simu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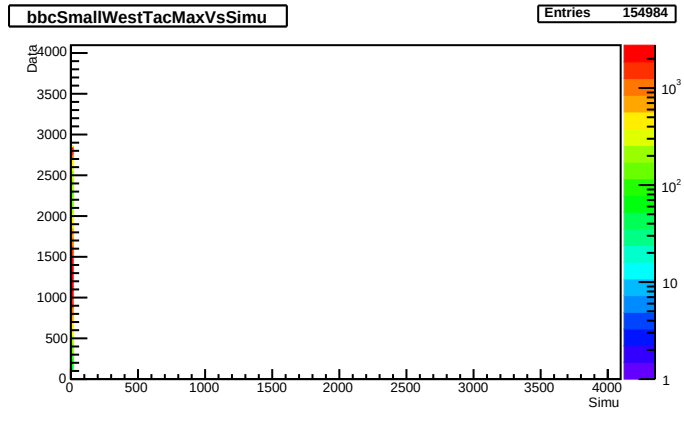
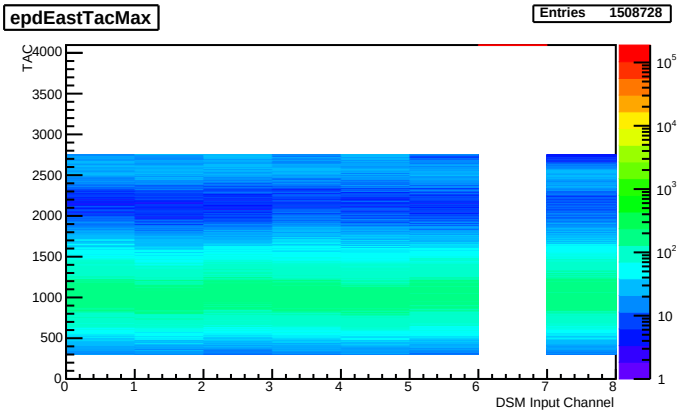
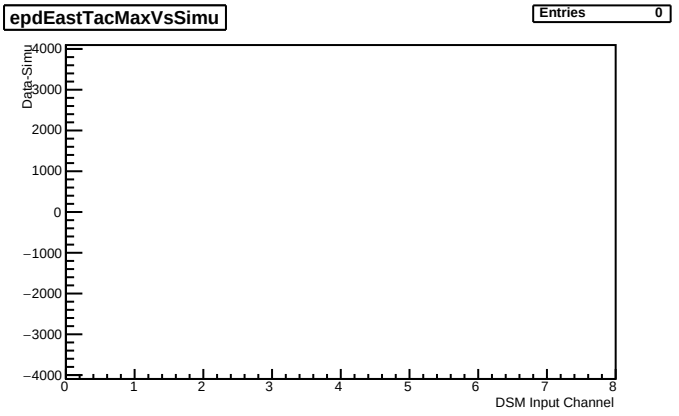
Entries 188591


bbcSmallWestTacMaxVsSimu
Entries 154984
Data
Simu


epdEastTacMax
Entries 1508728
TAC
DSM Input Channel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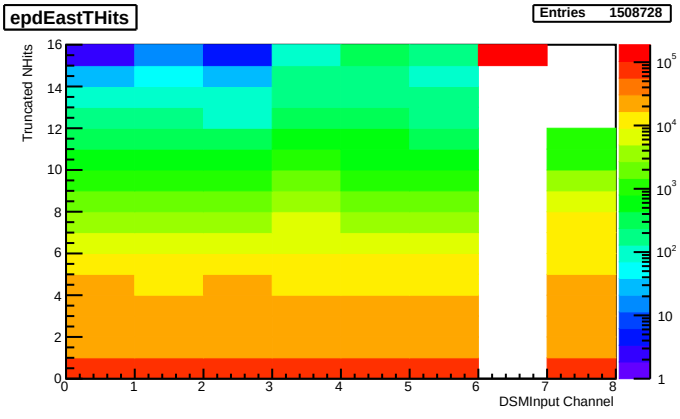
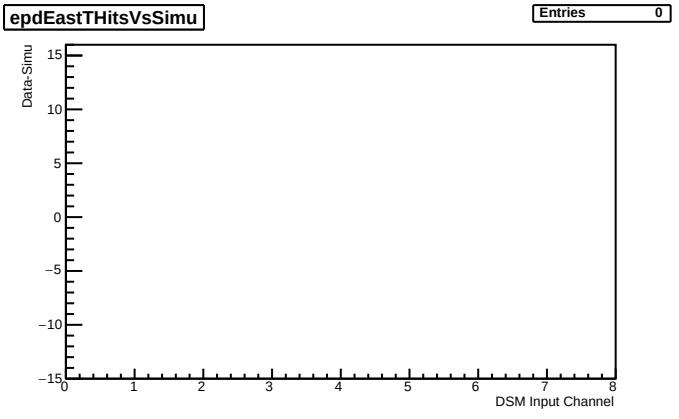
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1508728
Truncated NHits
DSMInput Channel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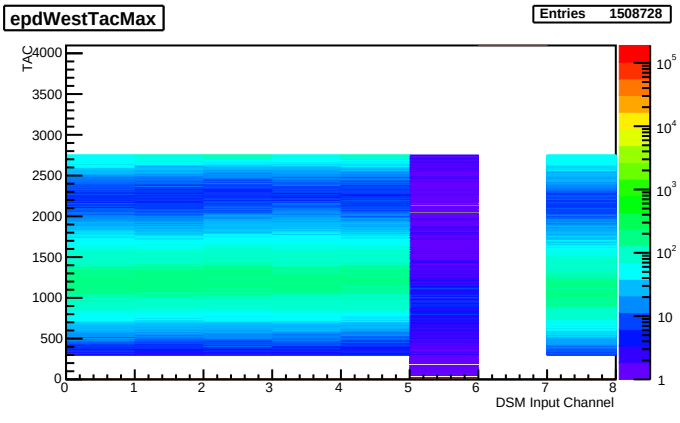
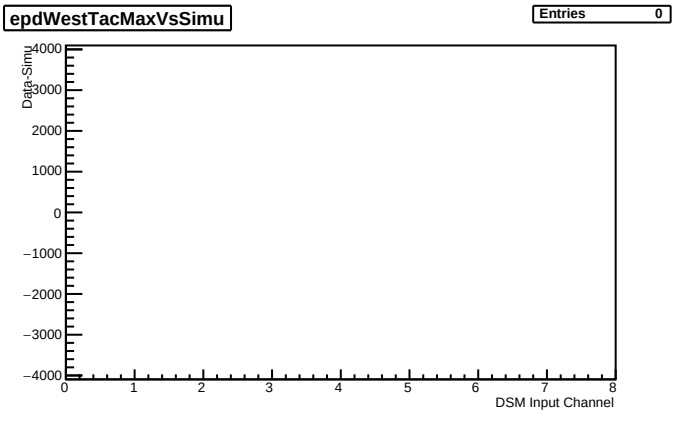
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1508728
TAC
DSM Input Channel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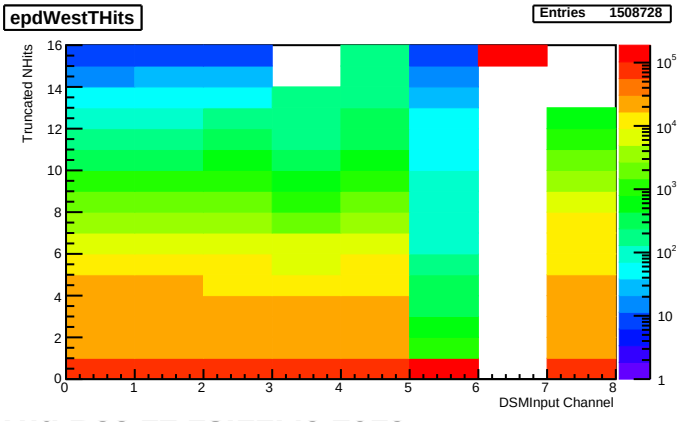
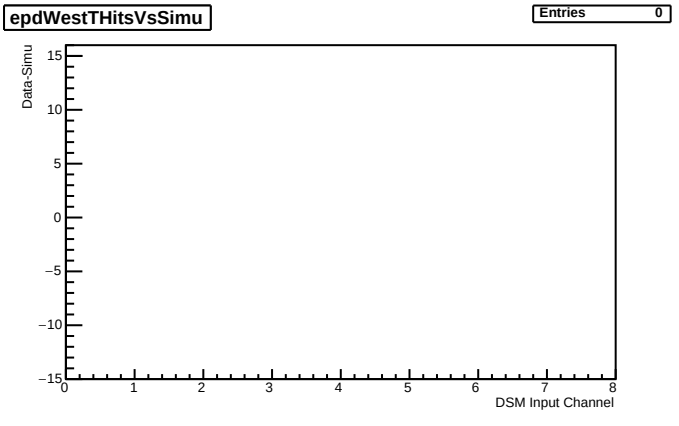
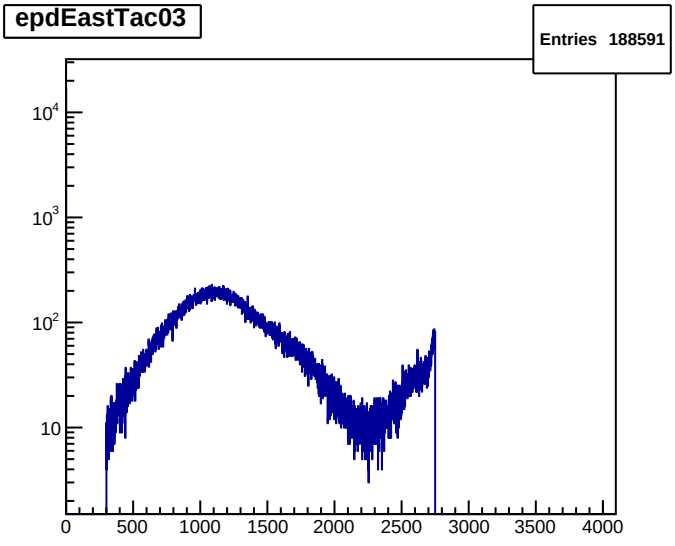
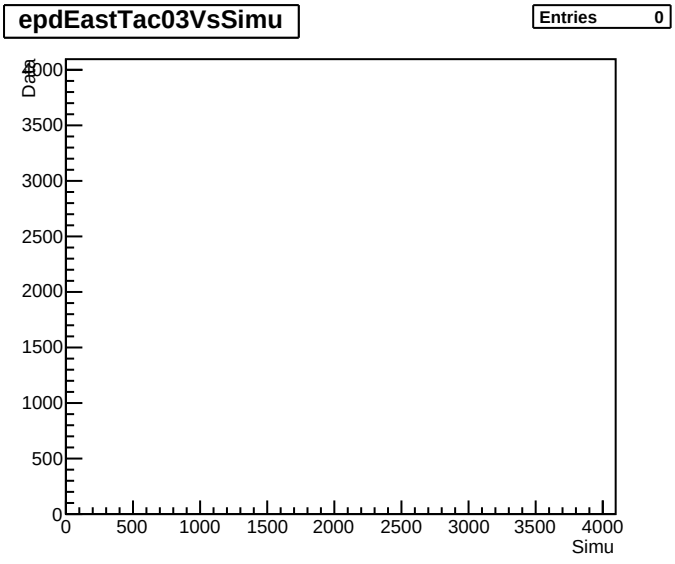
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1508728
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 188591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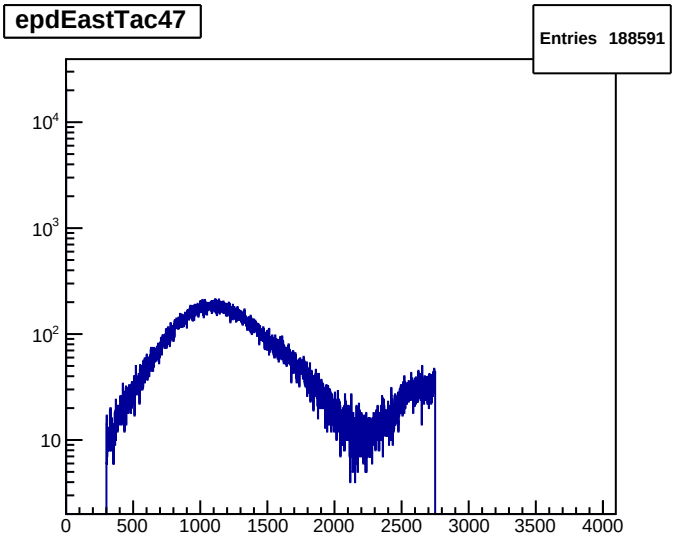
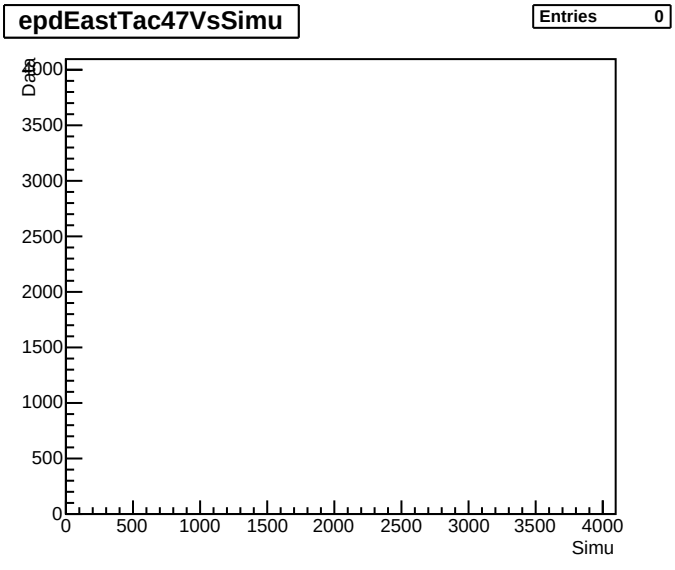
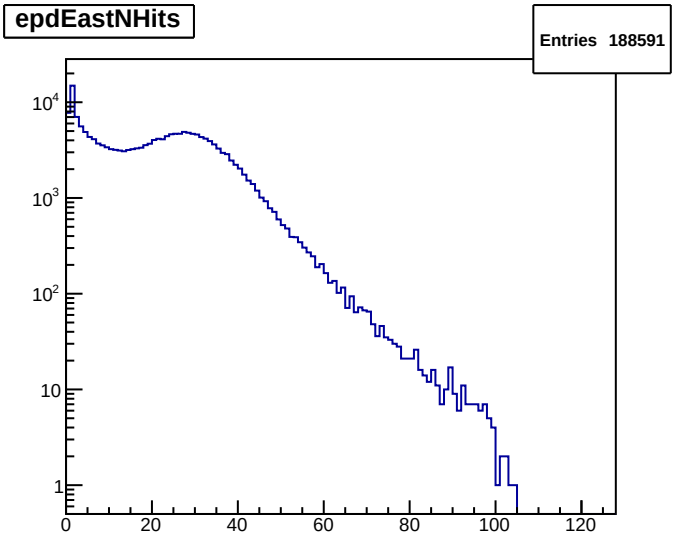
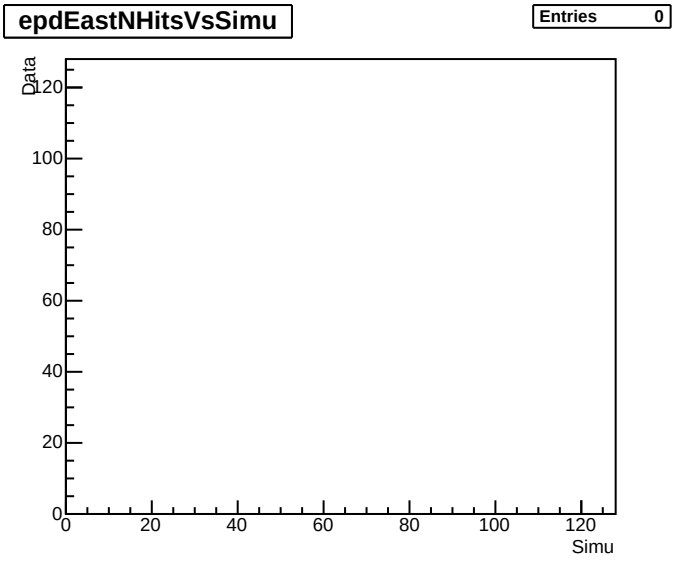
Entries 0
Data
Simu


epdEastTac47
Entries 188591


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 188591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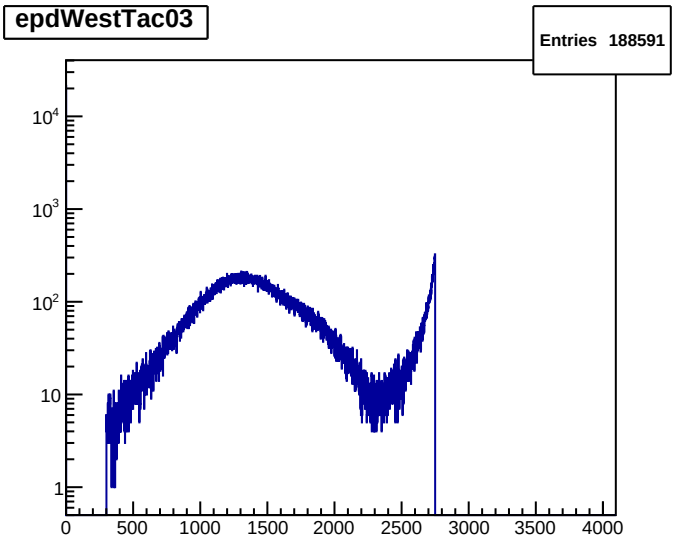
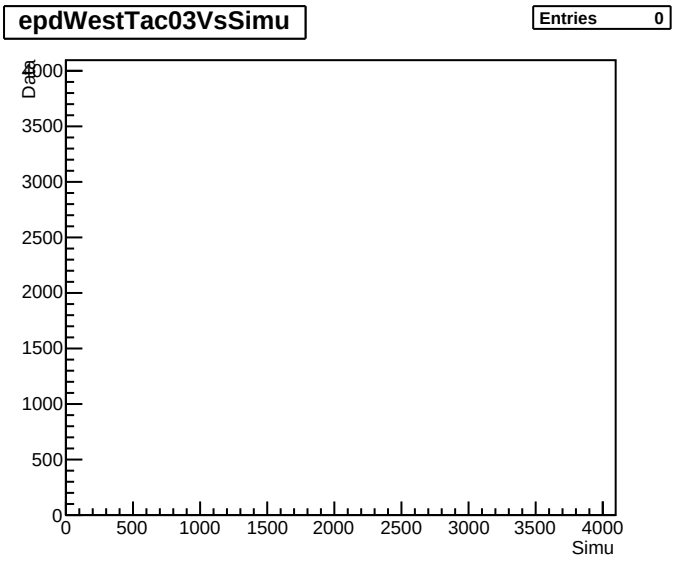
Entries 0
Data
Simu


epdWestTac03
Entries 188591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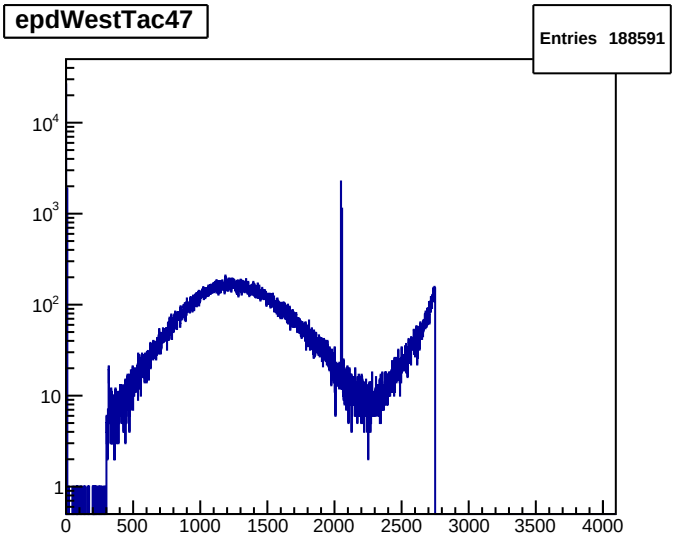
Entries 0
Data
Simu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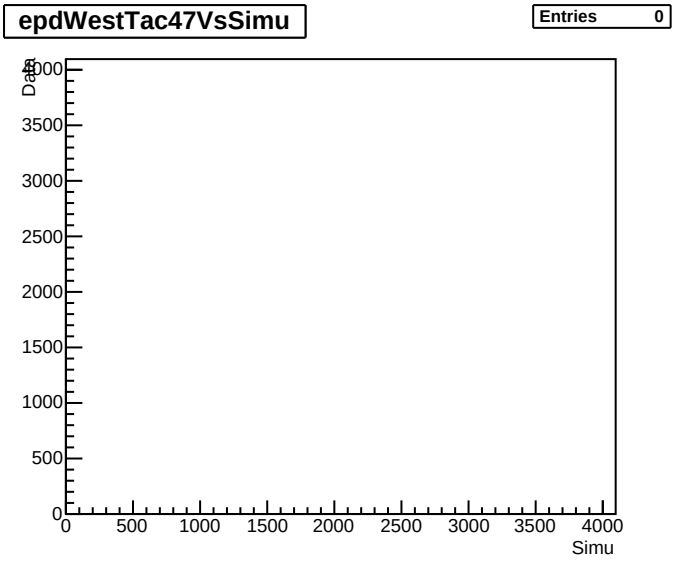
Entries 188591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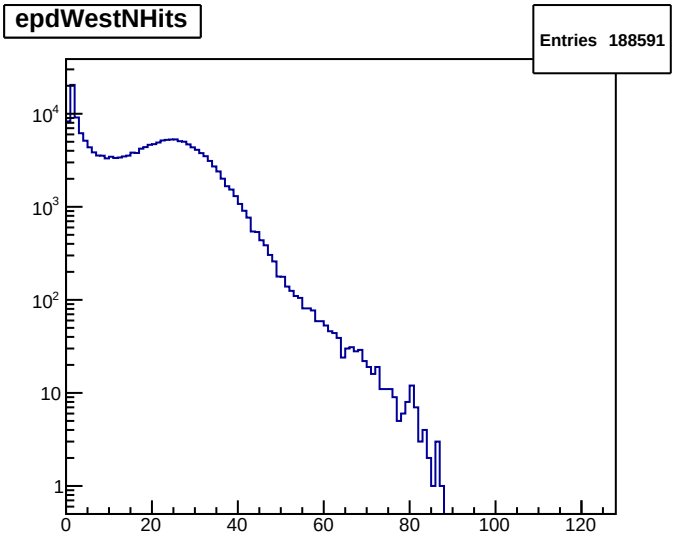
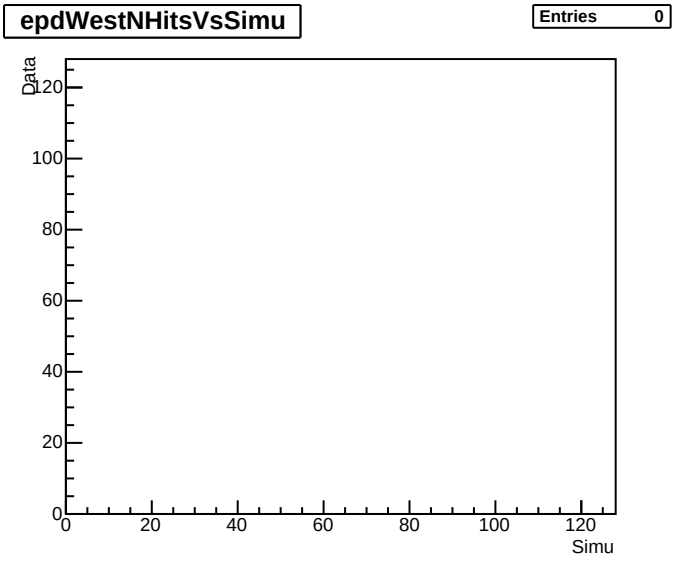
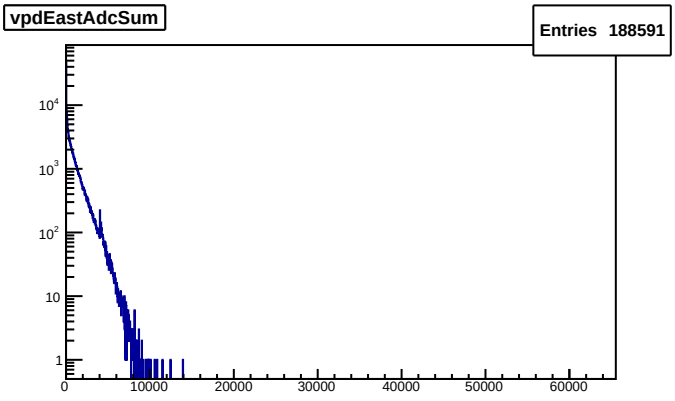
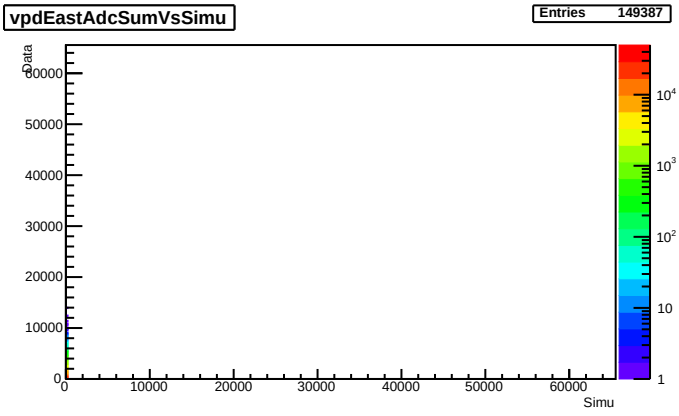
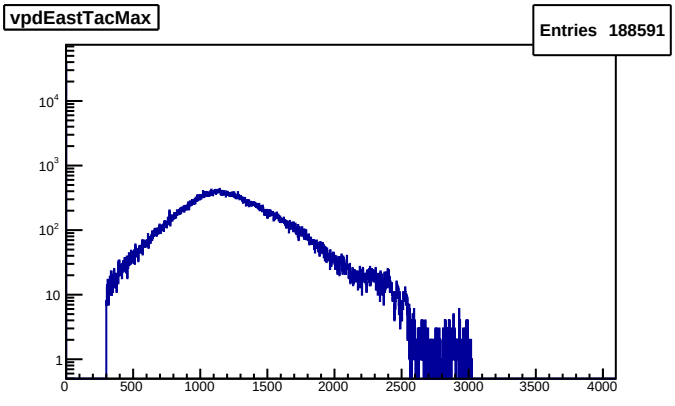
Entries 0
Data
Simu

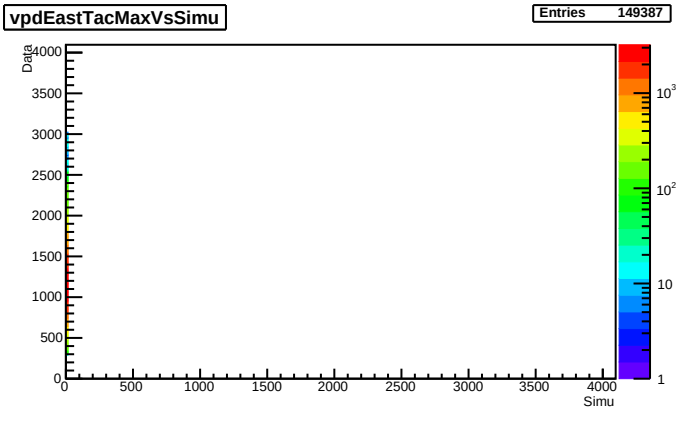

epdWestNHits
Entries 188591

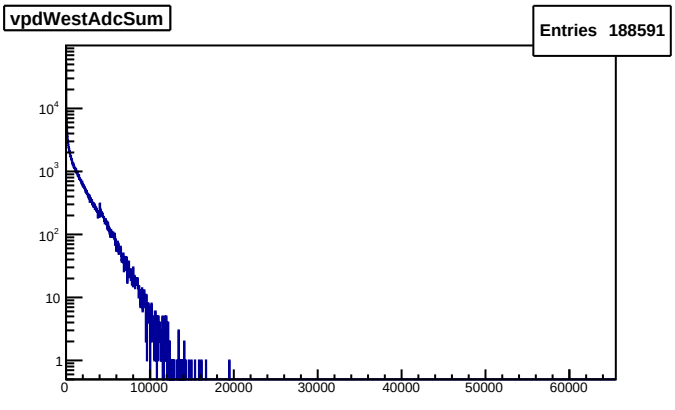

epdWestNHitsVsSimu
Entries 0
Data
Simu

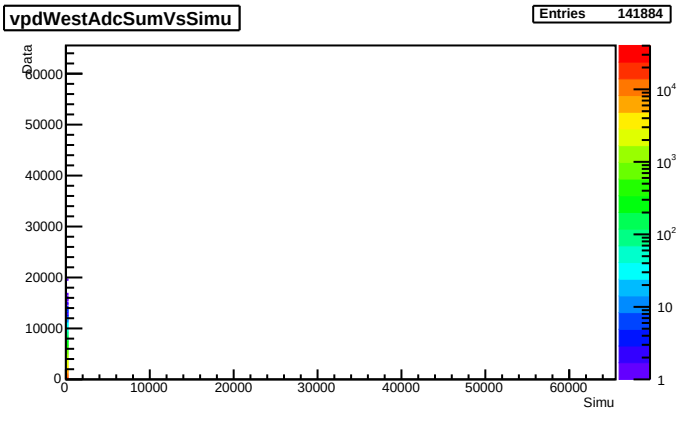

vpdEastAdcSum
Entries 188591

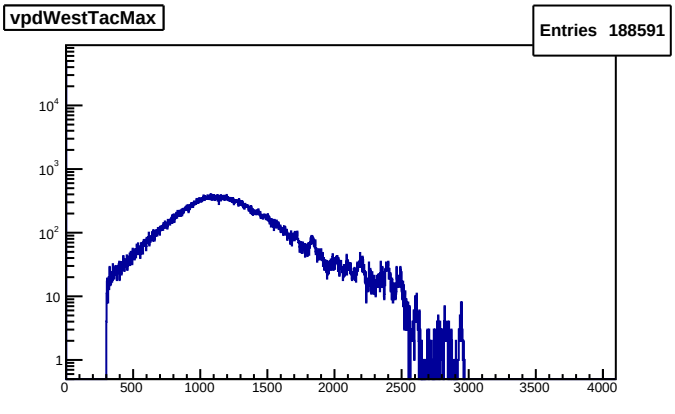

vpdEastAdcSumVsSimu
Entries 149387
Data
Simu

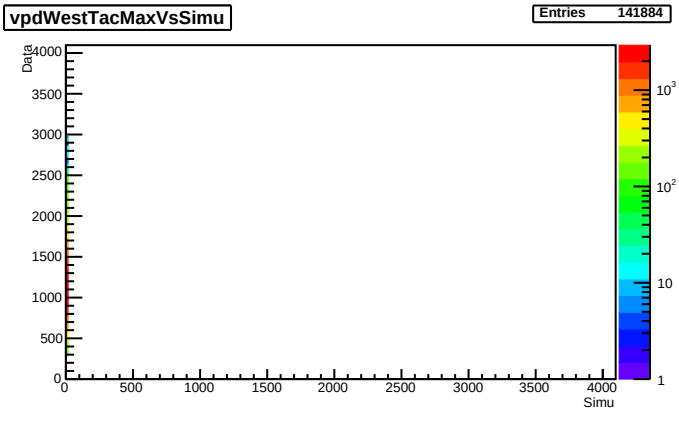

vpdEastTacMax
Entries 188591

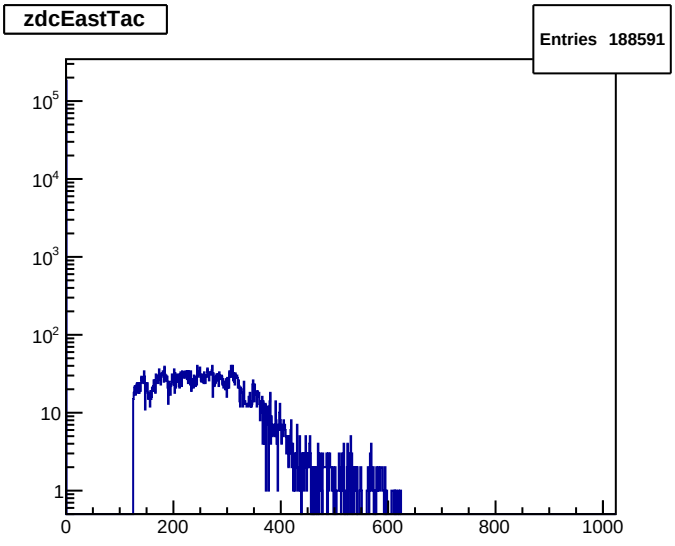

vpdEastTacMaxVsSimu
Entries 149387
Data
Simu

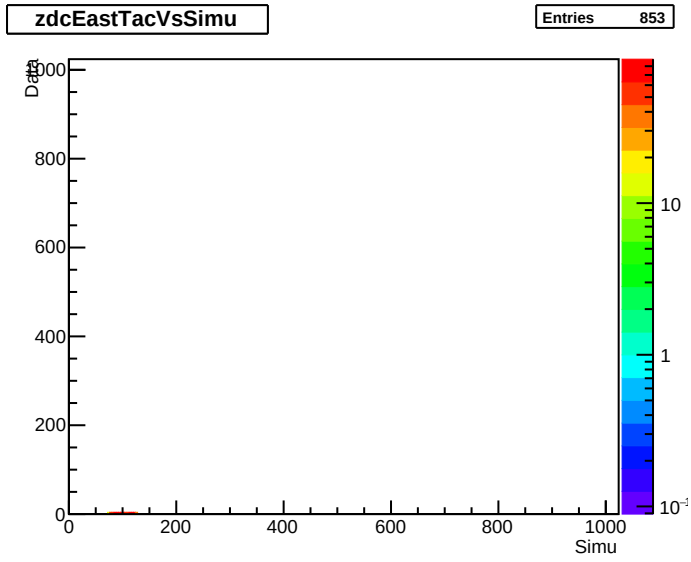

vpdWestAdcSum
Entries 188591

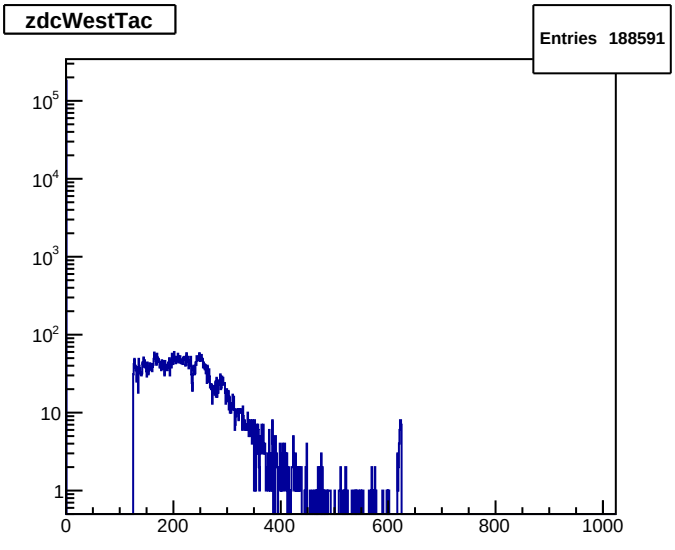

vpdWestAdcSumVsSimu
Entries 141884
Data
Simu

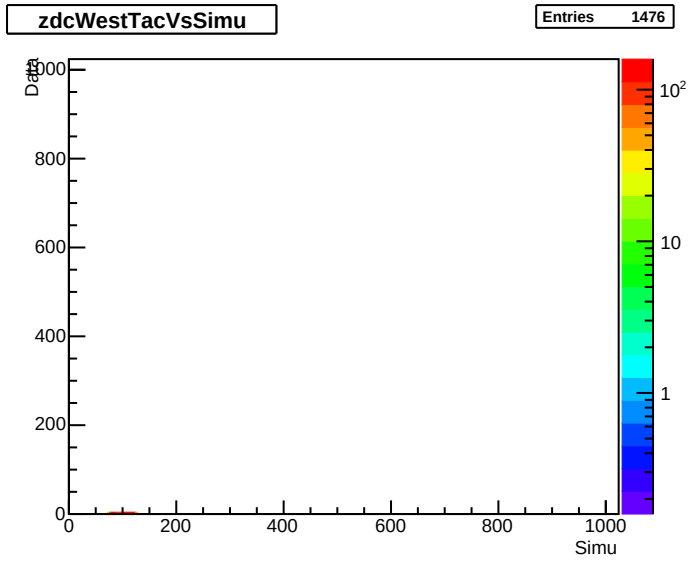

vpdWestTacMax
Entries 188591

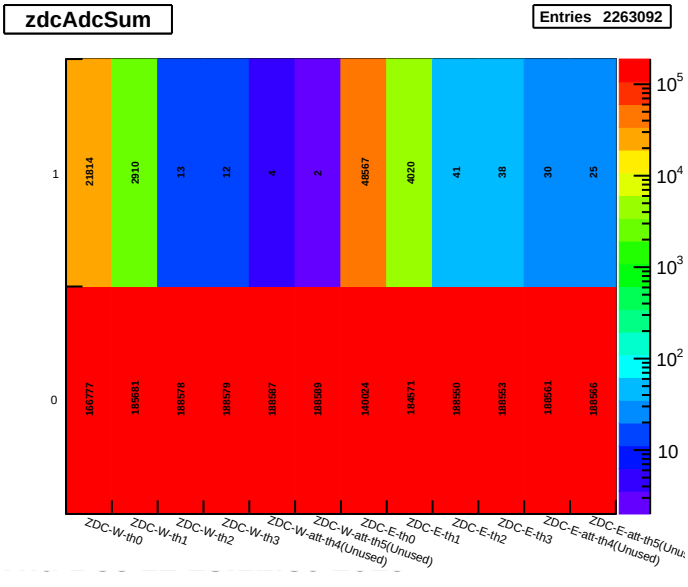

vpdWestTacMaxVsSimu
Entries 141884
Data
Simu

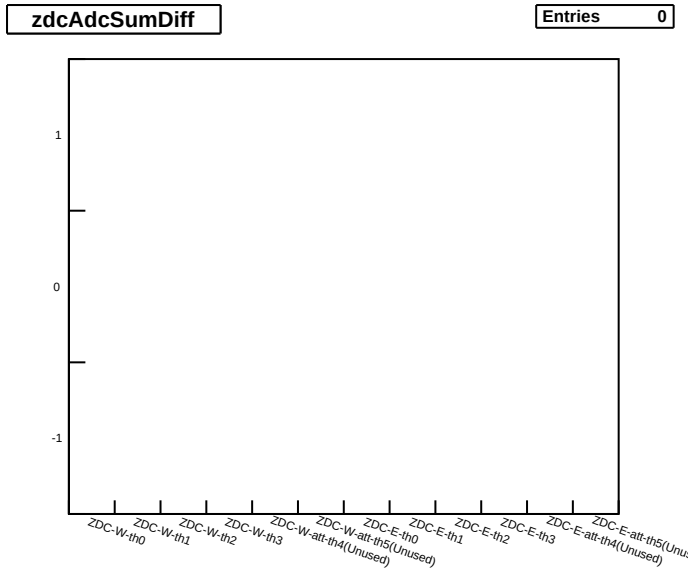

zdcEastTac
Entries 188591

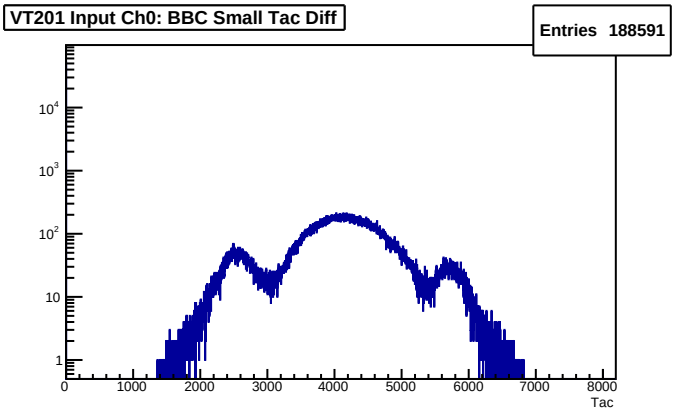

zdcEastTacVsSimu
Entries 853
Data
Simu

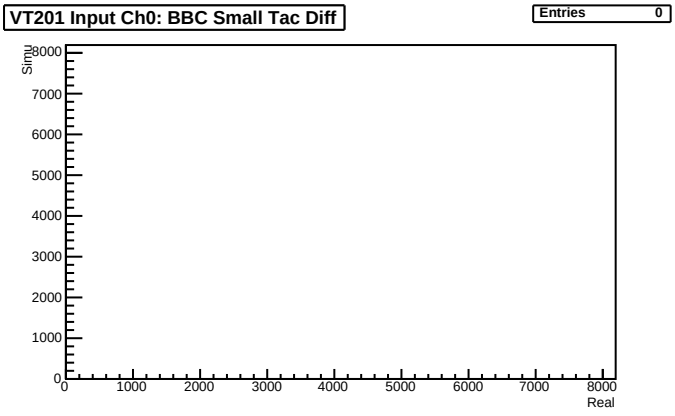

zdcWestTac
Entries 188591

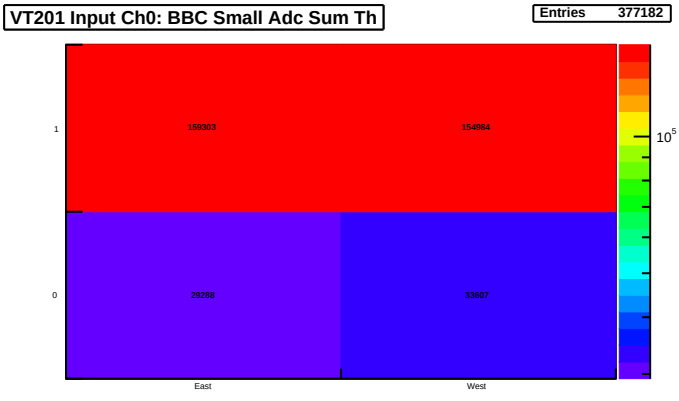

zdcWestTacVsSimu
Entries 1476
Data
Simu

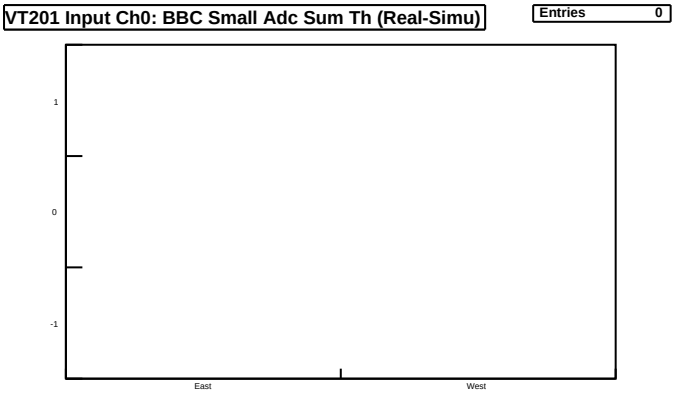

zdcAdcSum
Entries 2263092
21814
2910
13
12
4
2
48567
4020
41
38
30
25
166777
185681
188578
188579
188587
188589
140024
184571
188550
188553
188561
188566
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

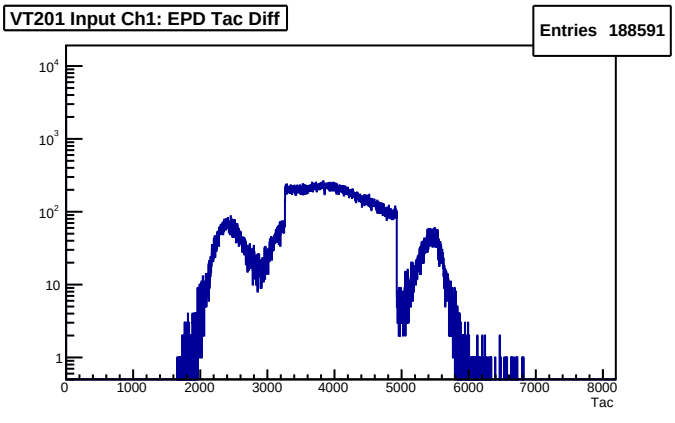

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

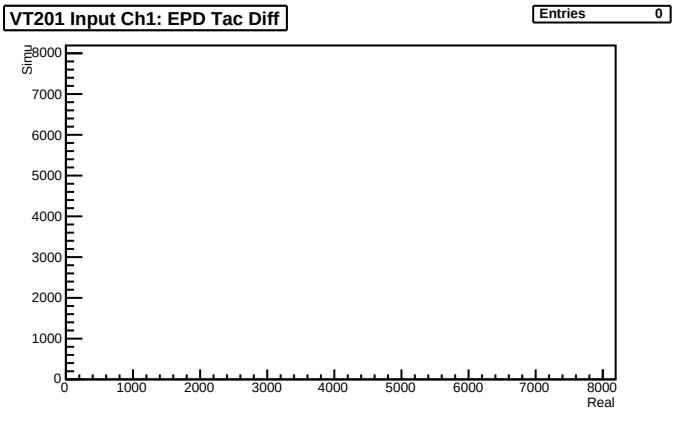

VT201 Input Ch0: BBC Small Tac Diff
Entries 188591
Tac

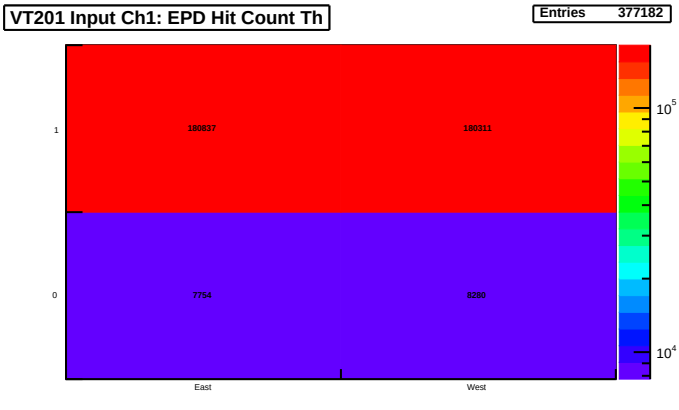

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

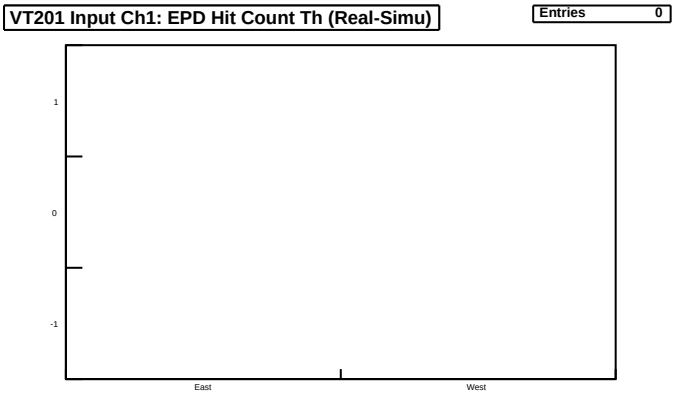

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 377182
159303
154984
29288
33607
East
West

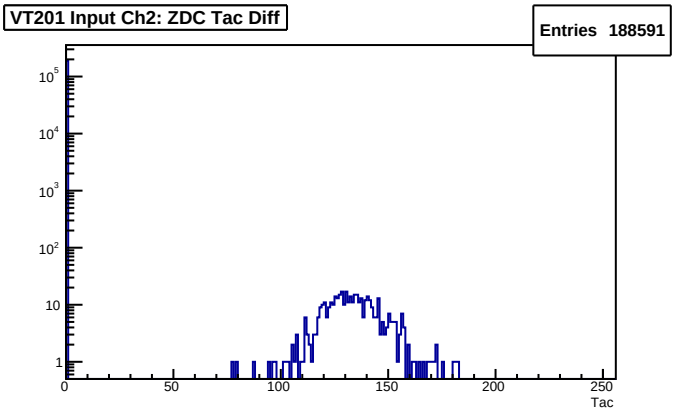

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

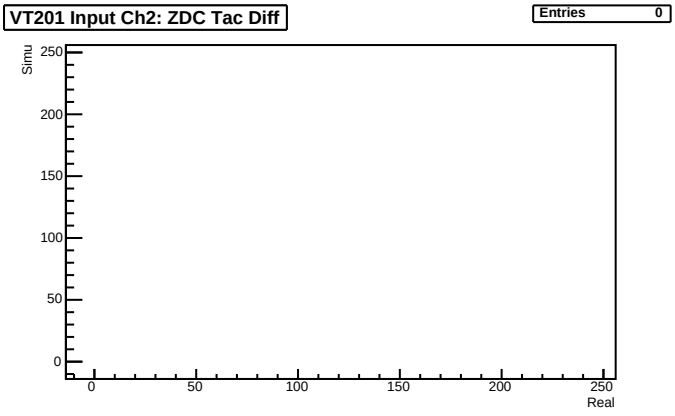

VT201 Input Ch1: EPD Tac Diff
Entries 188591
Tac

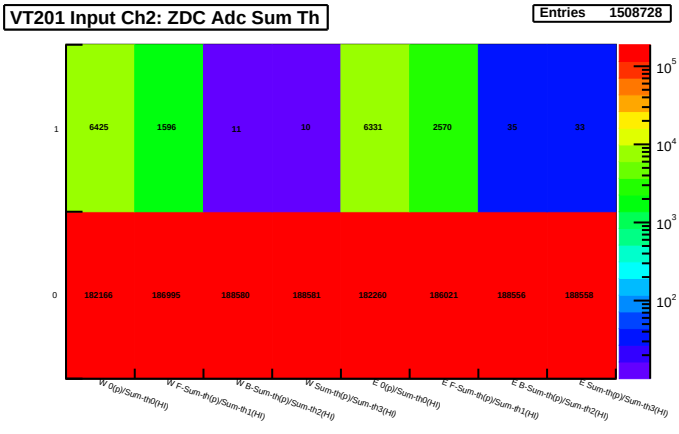

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

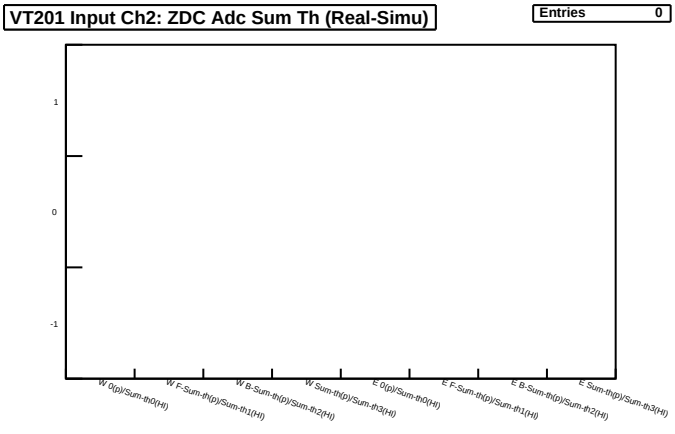

VT201 Input Ch1: EPD Hit Count Th
Entries 377182
180837
180311
7754
8280
East
West

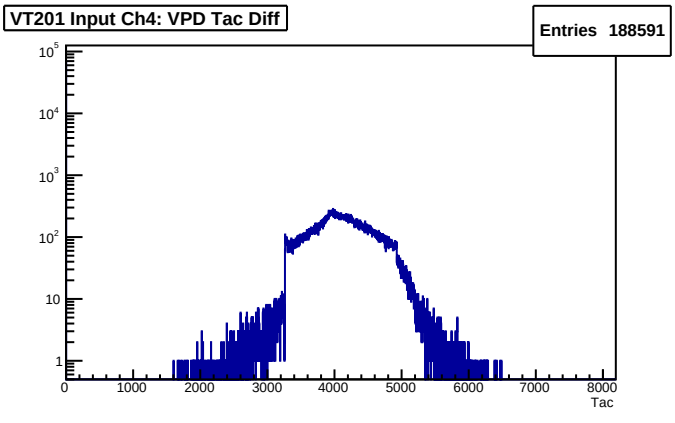

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

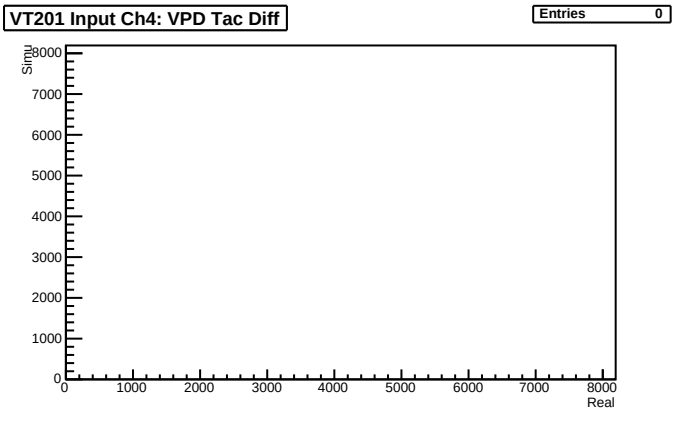

VT201 Input Ch2: ZDC Tac Diff
Entries 188591
Tac

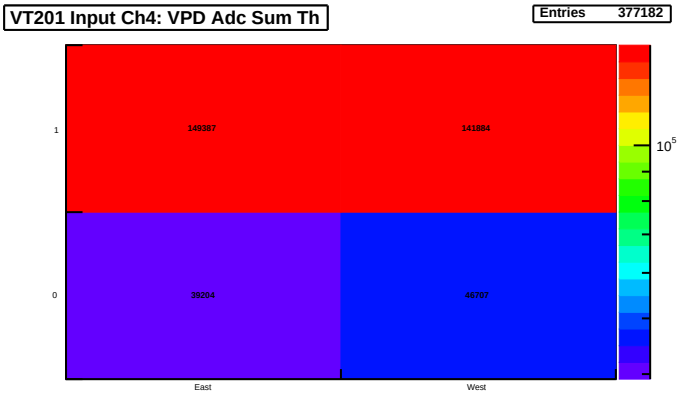

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

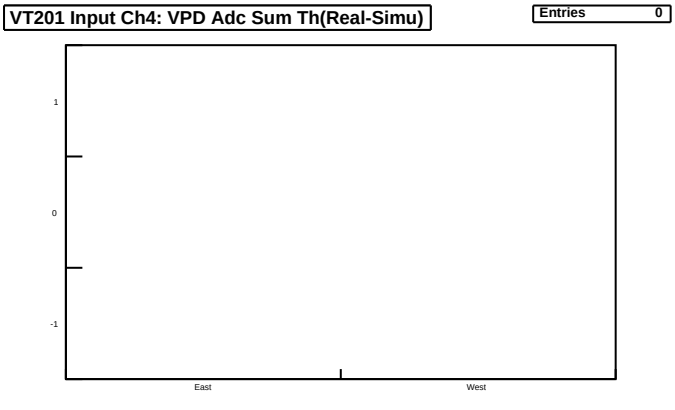

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1508728
6425
1596
11
10
6331
2570
35
33
182166
186995
188580
188581
182260
186021
188556
188558
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

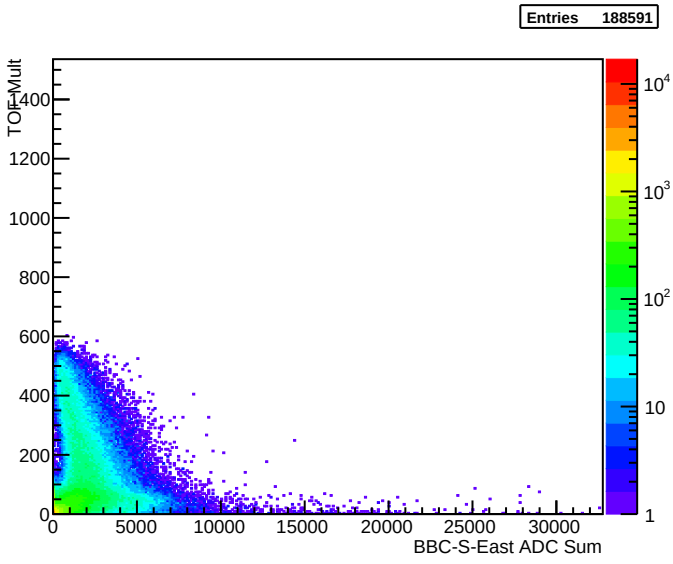

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

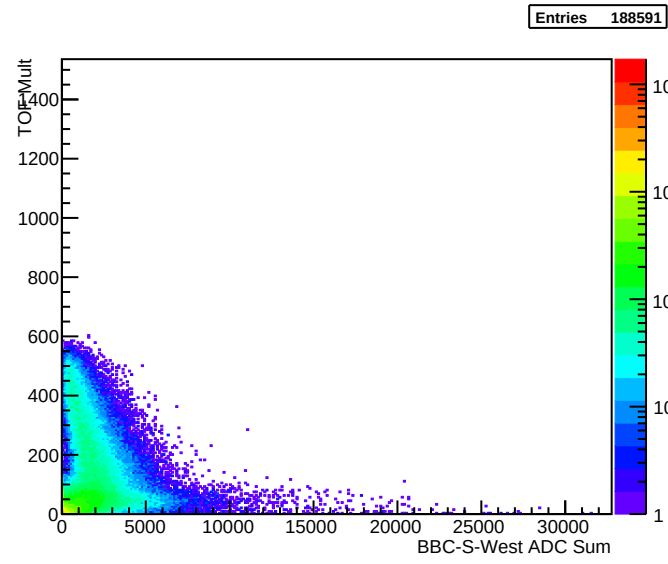

VT201 Input Ch4: VPD Tac Diff
Entries 188591
Tac

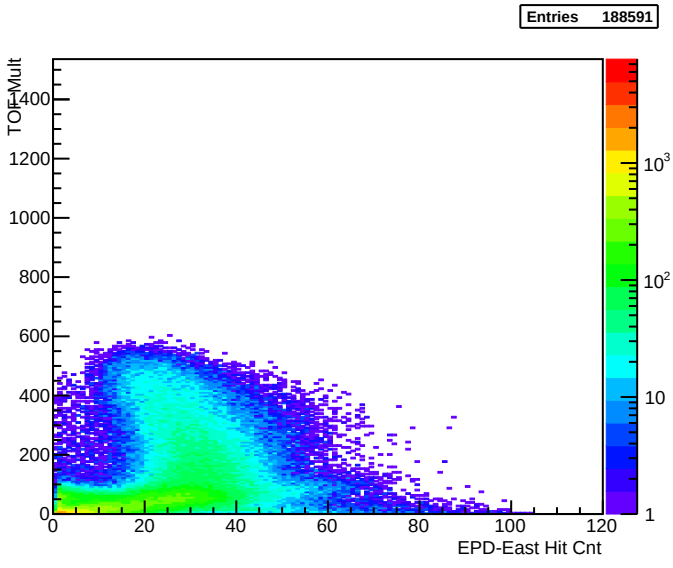

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

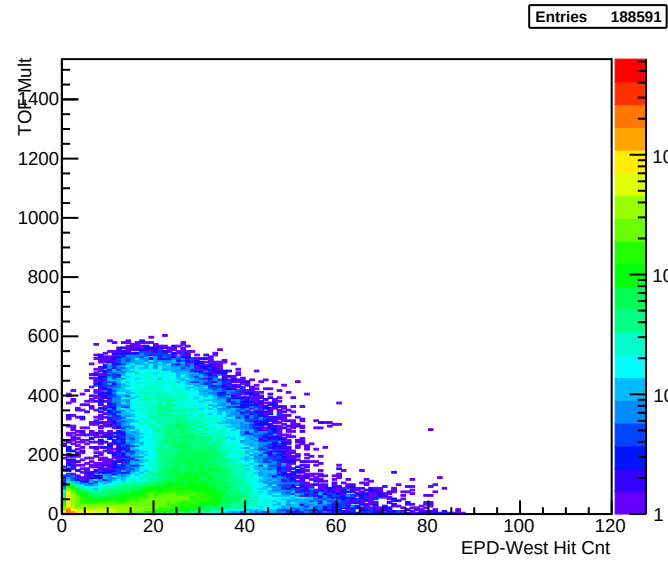

VT201 Input Ch4: VPD Adc Sum Th
Entries 377182
149387
141884
39204
46707
East
West

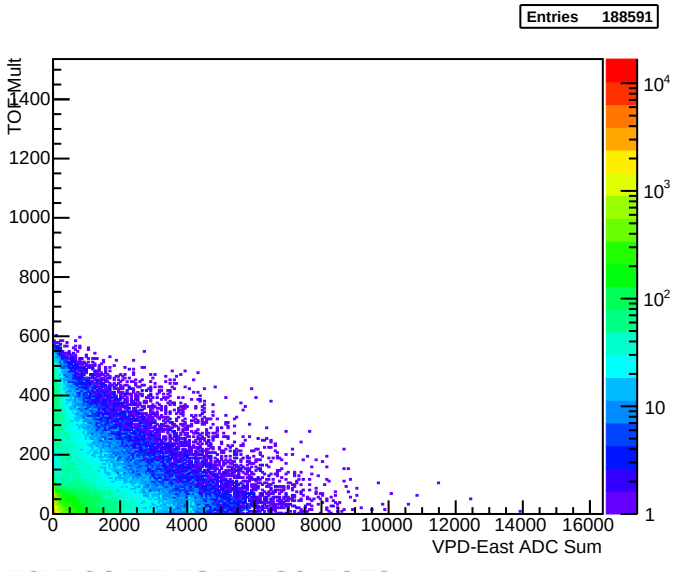

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

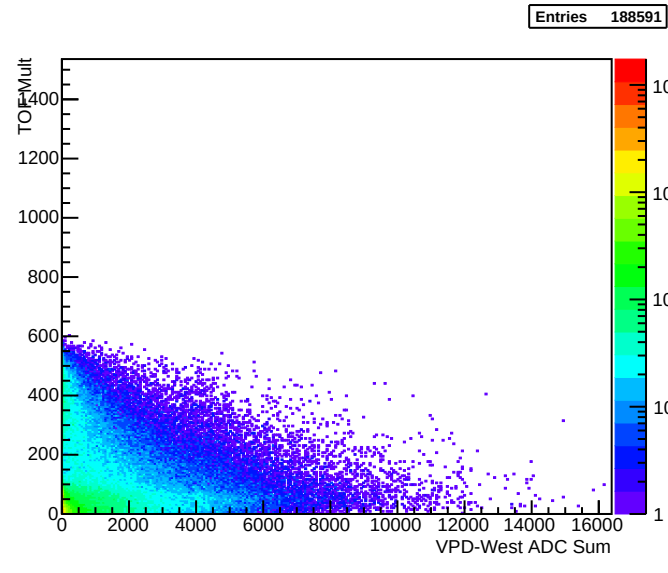

Entries 188591
TOF-Mult
BBC-S-East ADC Sum

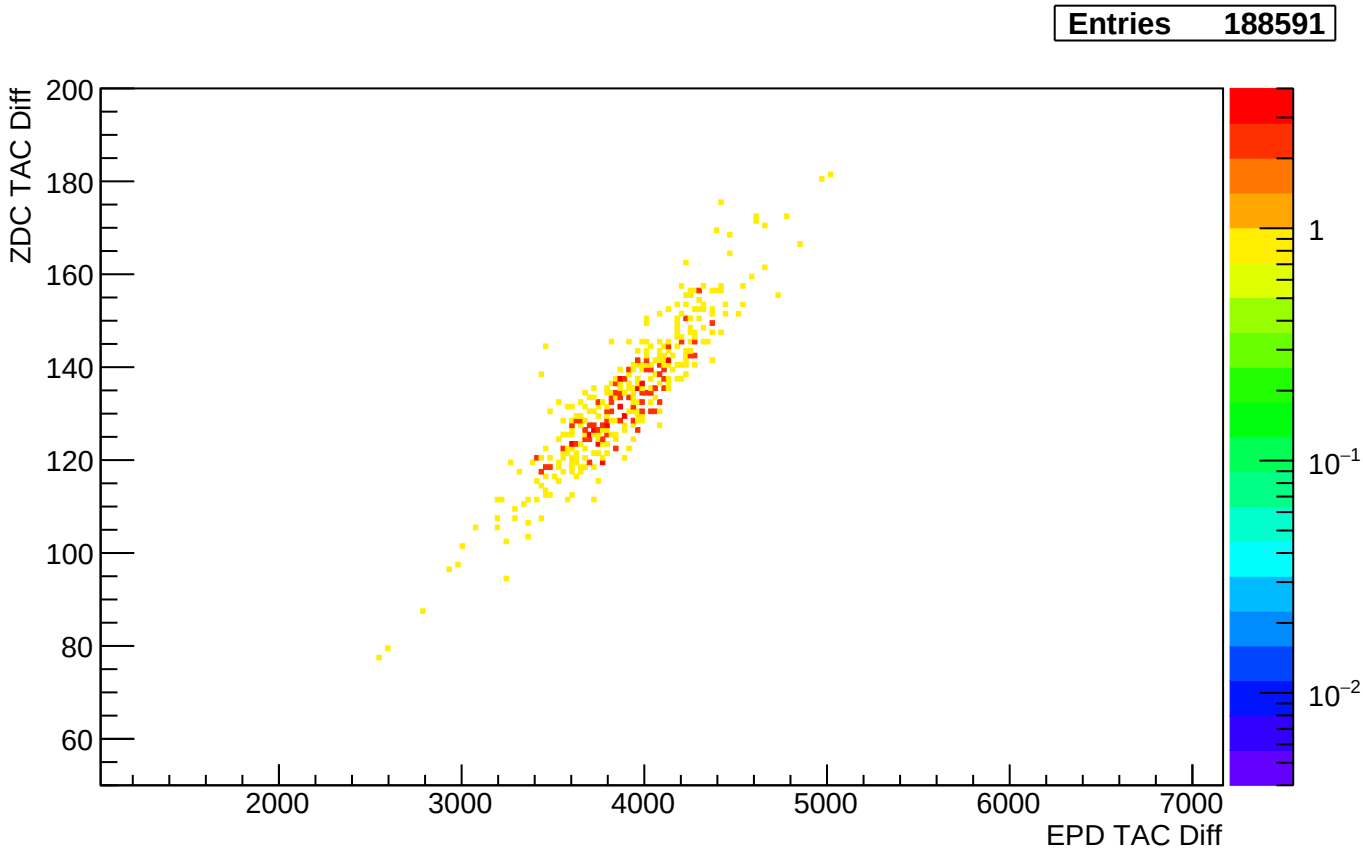

Entries 188591
TOF-Mult
BBC-S-West ADC Sum

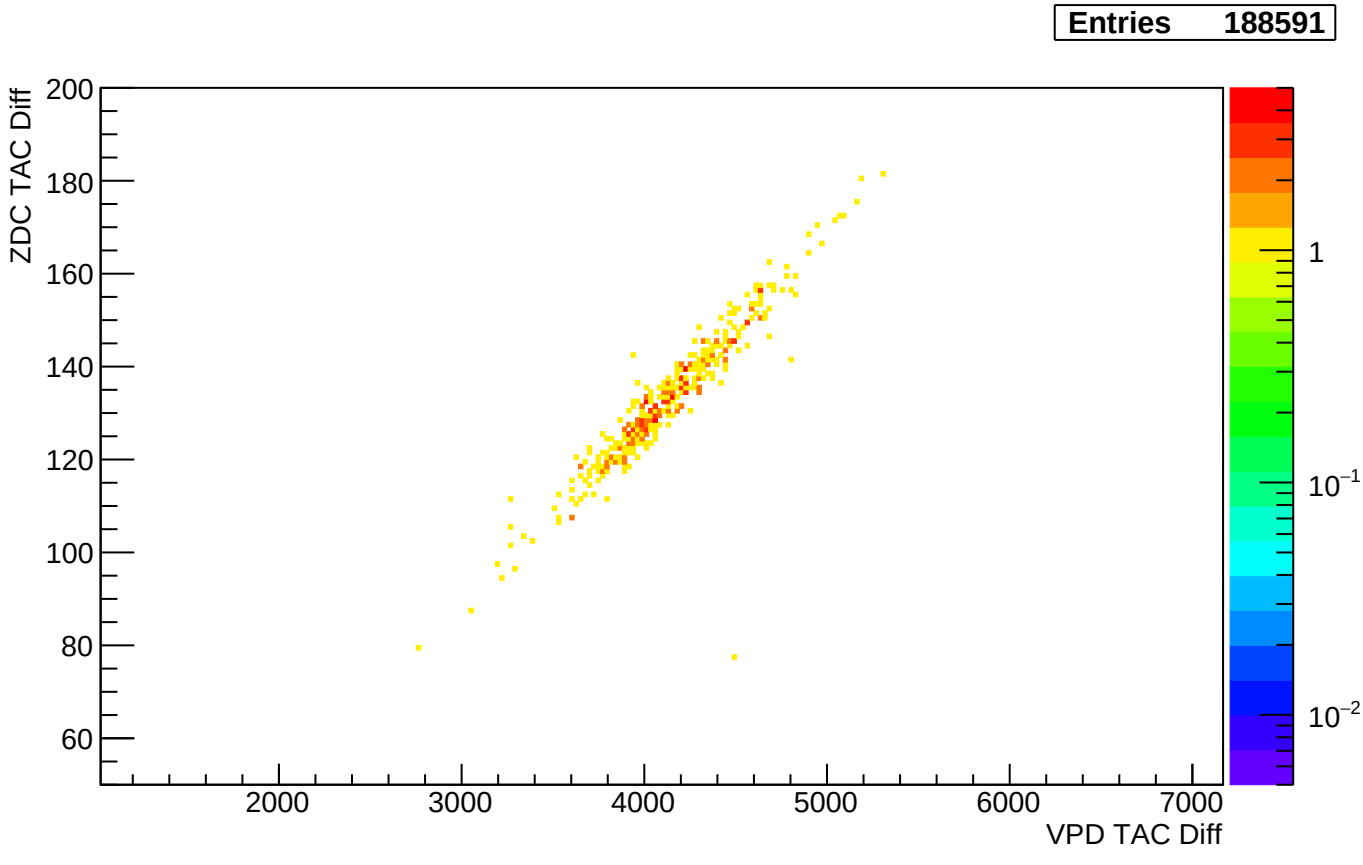

Entries 188591
TOF-Mult
EPD-East Hit Cnt

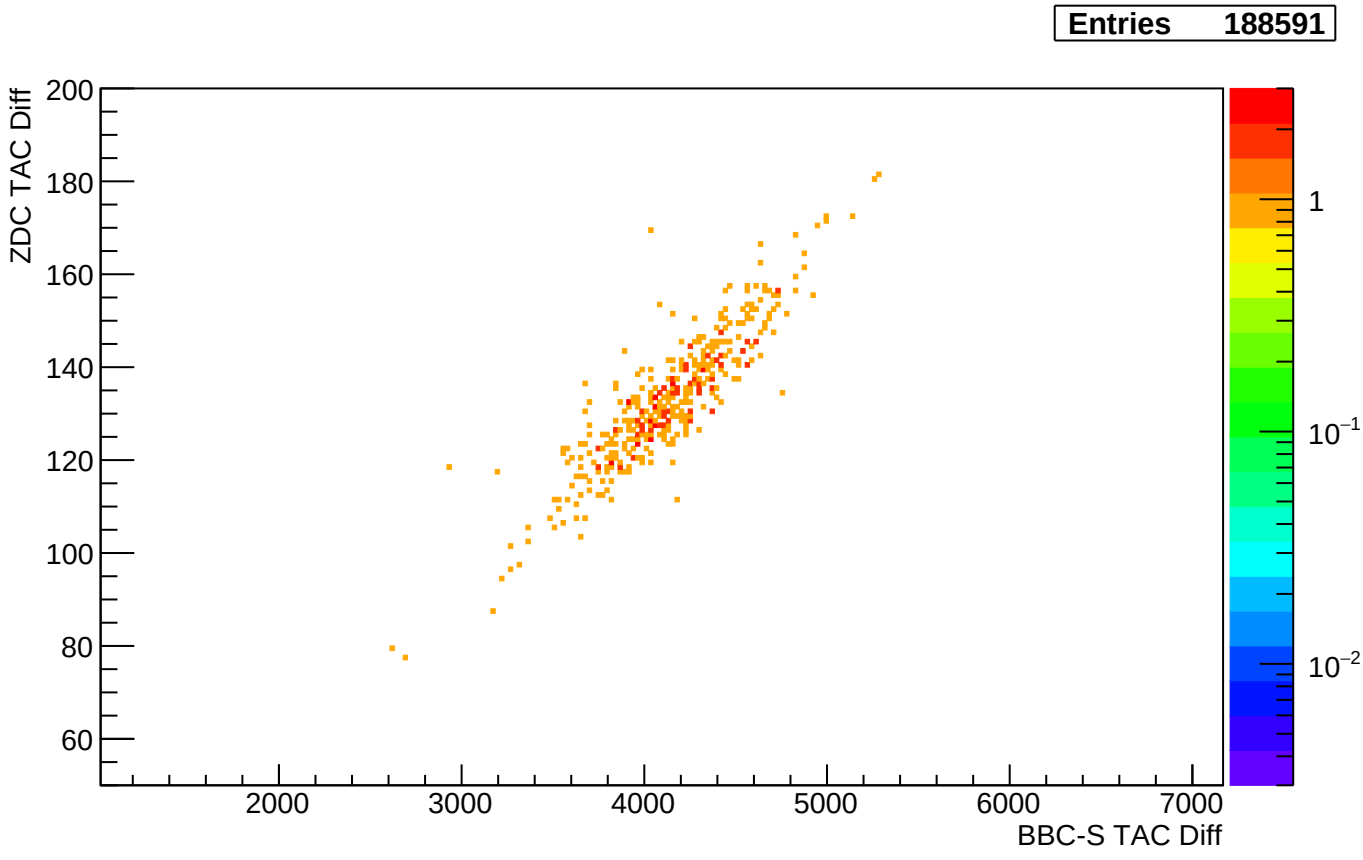

Entries 188591
TOF-Mult
EPD-West Hit Cnt

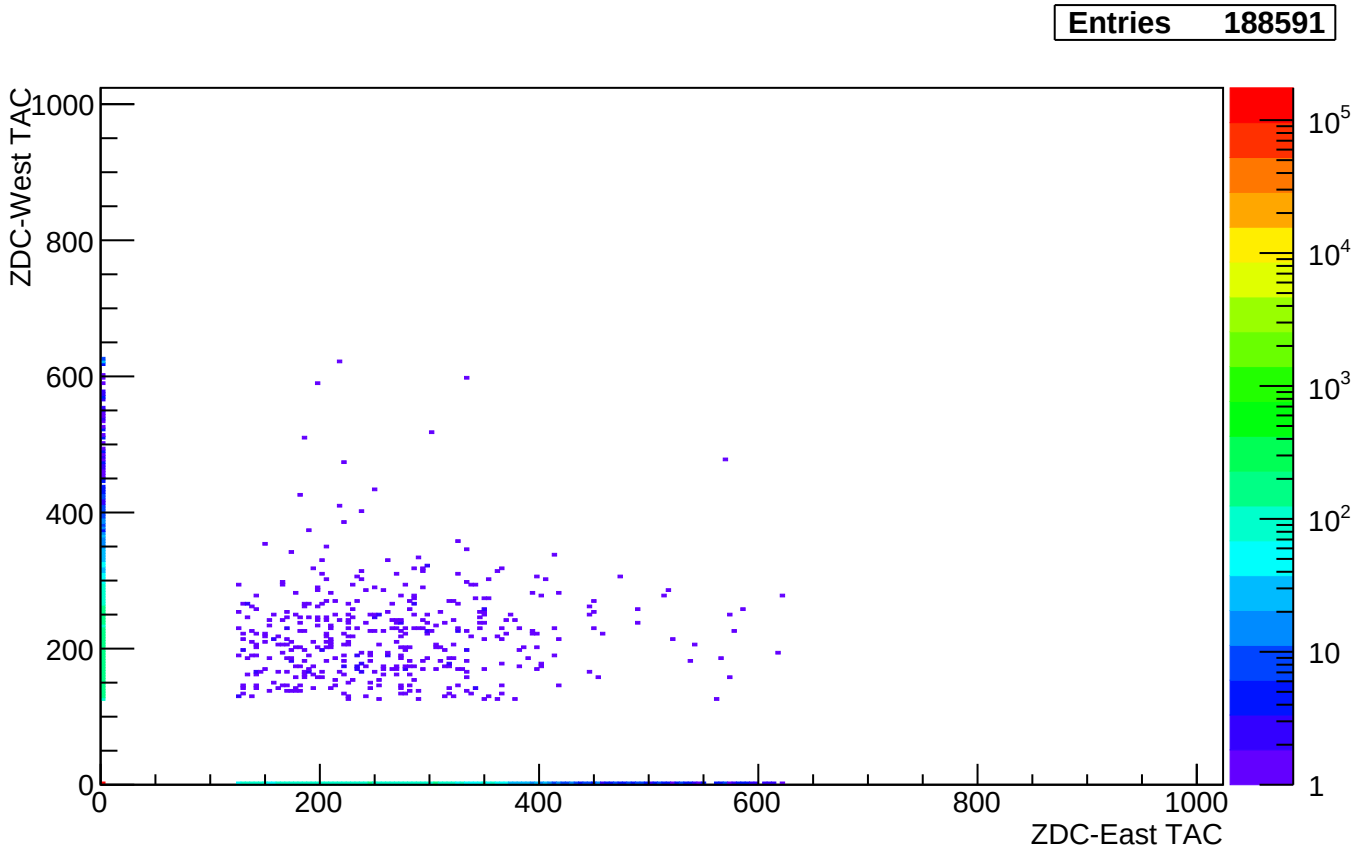

Entries 188591
TOF-Mult
VPD-East ADC Sum

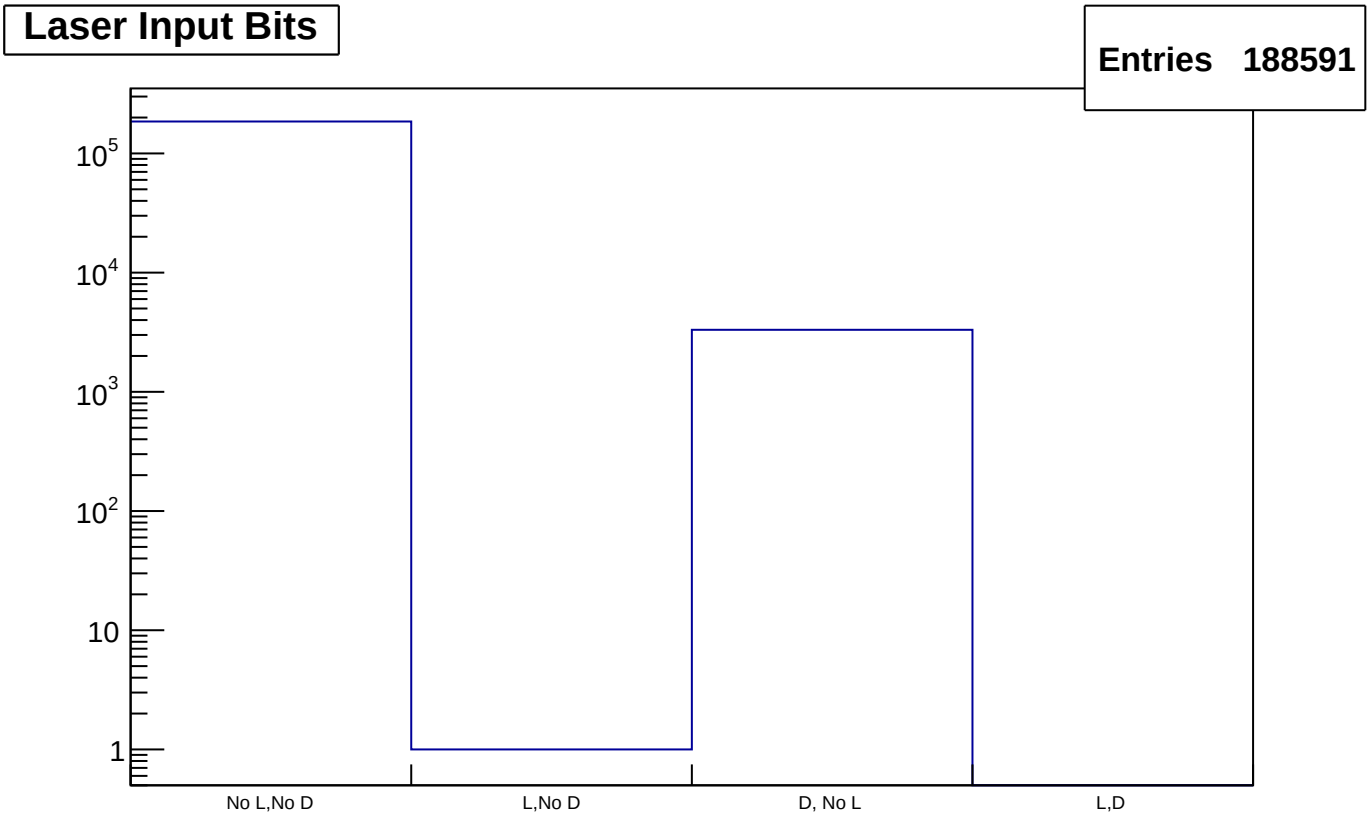

Entries 188591
TOF-Mult
VPD-West ADC Sum

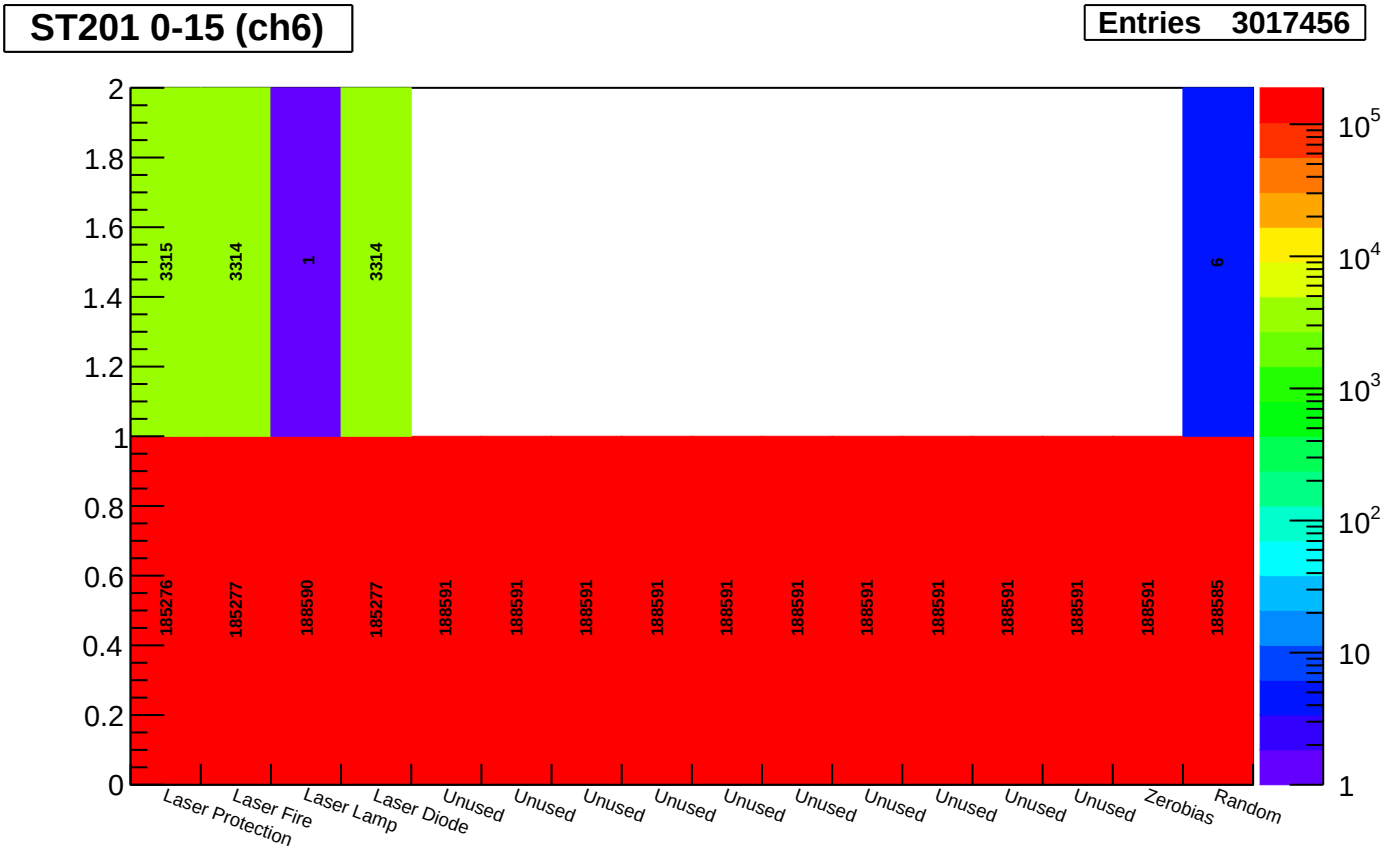

Entries 188591
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

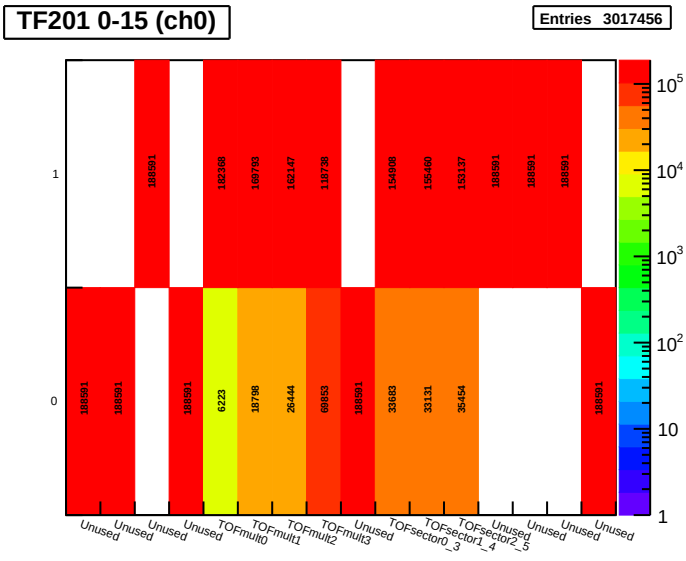

Entries 188591
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

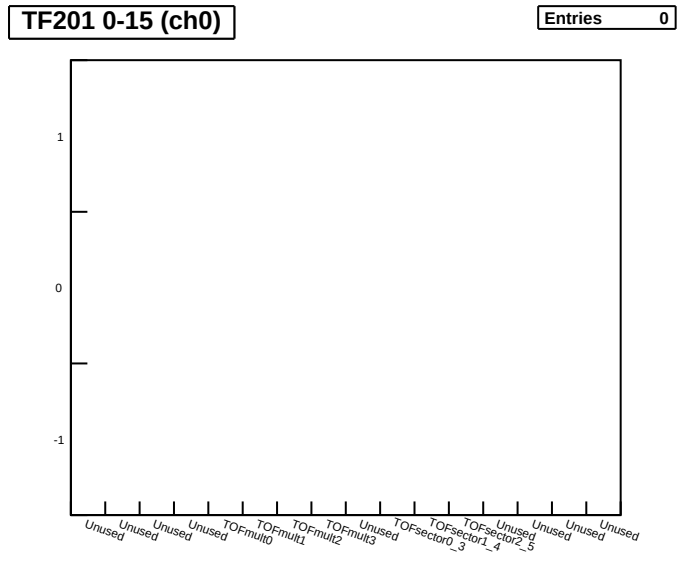

Entries 188591
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

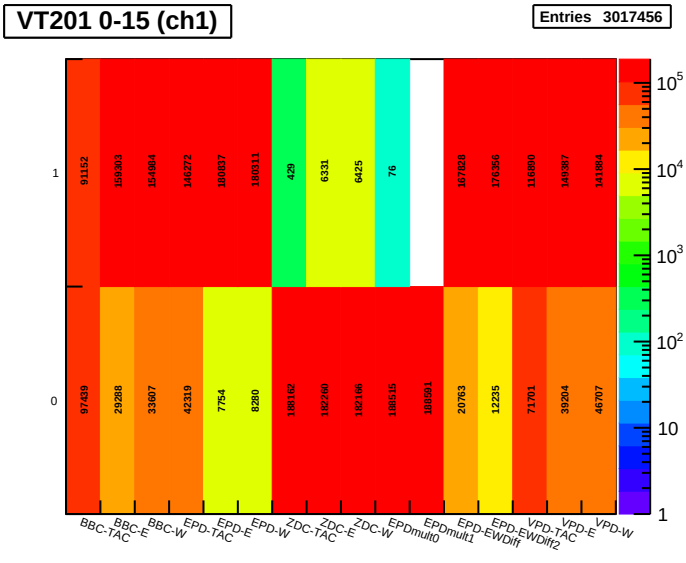

Entries 188591
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

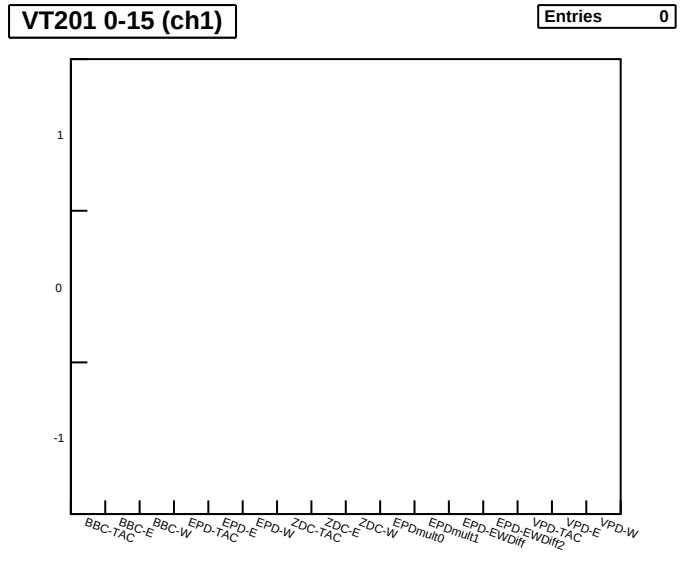

Laser Input Bits
Entries 188591
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

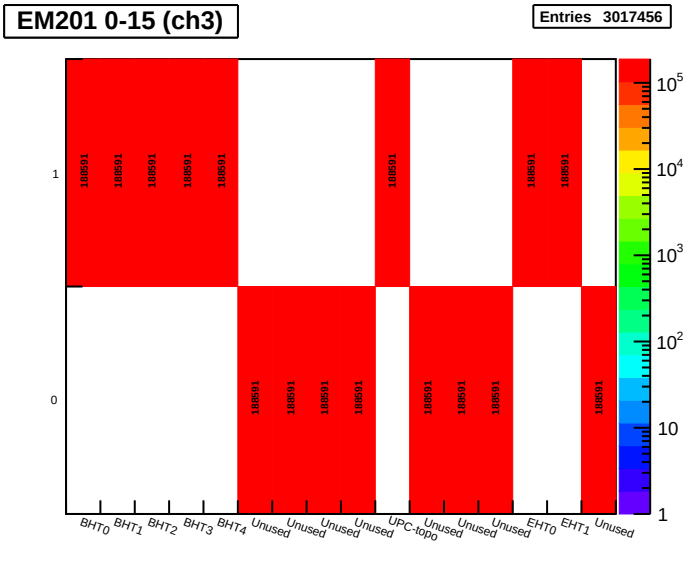

ST201 0-15 (ch6)
Entries 3017456
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3315
3314
1
3314
6
185276
185277
188590
185277
188591
188591
188591
188591
188591
188591
188591
188591
188591
188591
188591
188585
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

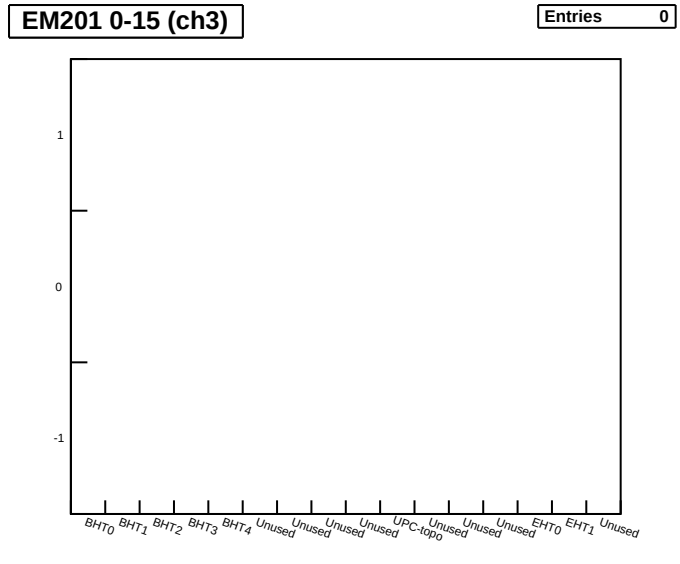

TF201 0-15 (ch0)
Entries 3017456
1
0
188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591
6223 18798 26444 69853 33683 33131 35454
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 3017456
1
0
91152 159303 154984 146272 180837 180311 429 6331 6425 76 167828 176356 116890 149387 141884
97439 29288 33607 42319 7754 8280 188162 188260 188216 188515 188591 20763 12235 71701 39204 46707
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 3017456
1
0
188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591 188591
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