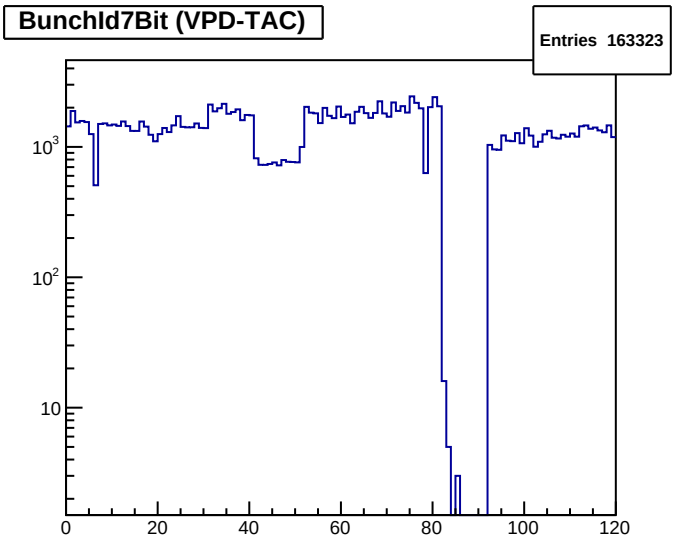
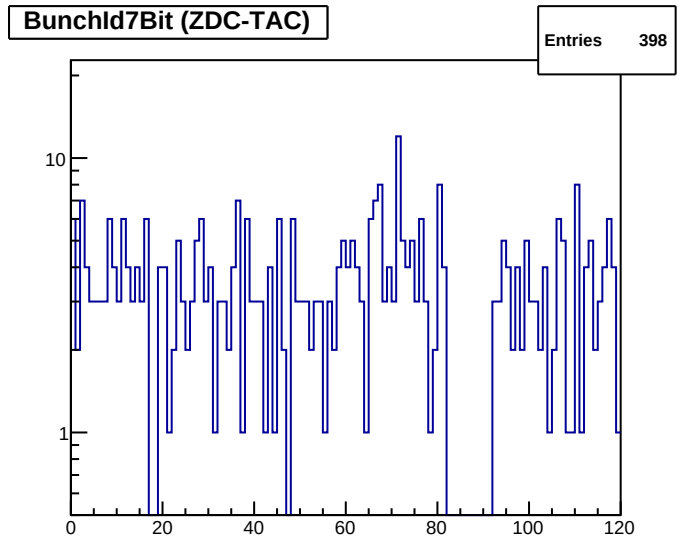
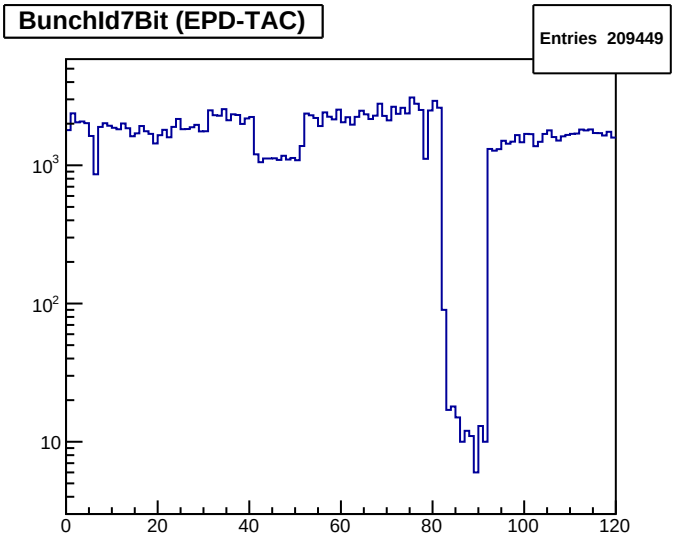
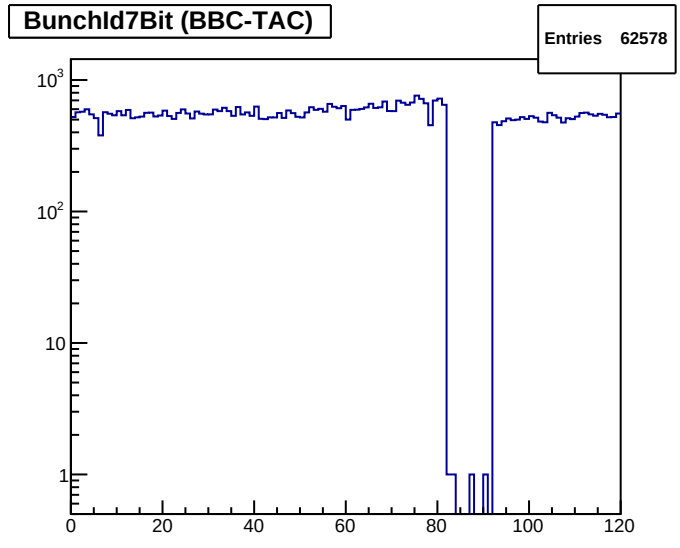
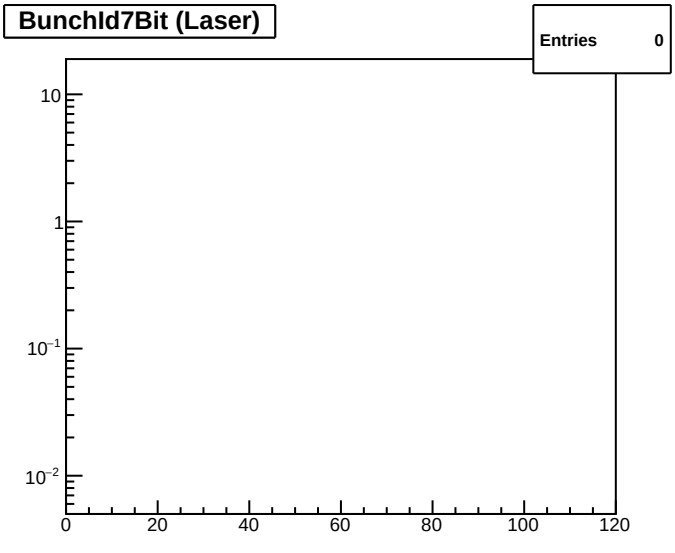
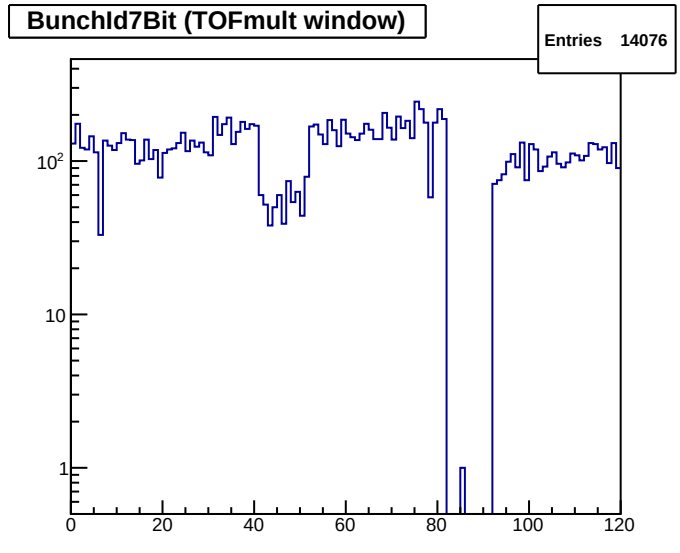

BunchId7Bit (VPD-TAC)
Entries 163323

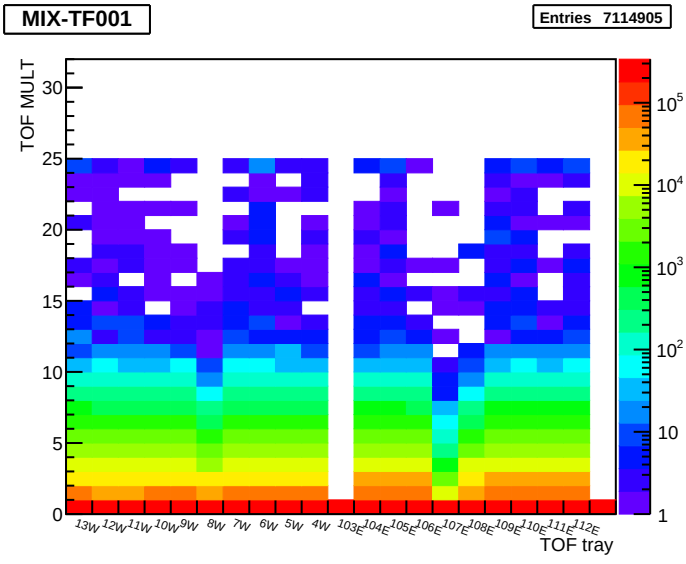

BunchId7Bit (ZDC-TAC)
Entries 398

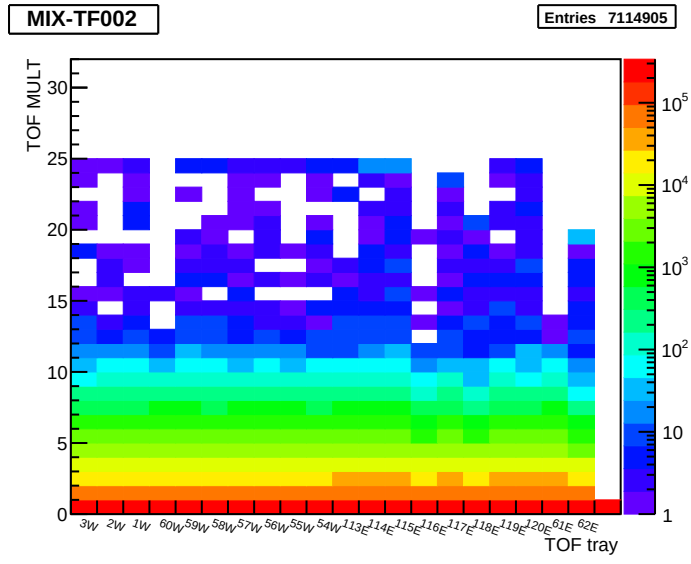

BunchId7Bit (EPD-TAC)
Entries 209449

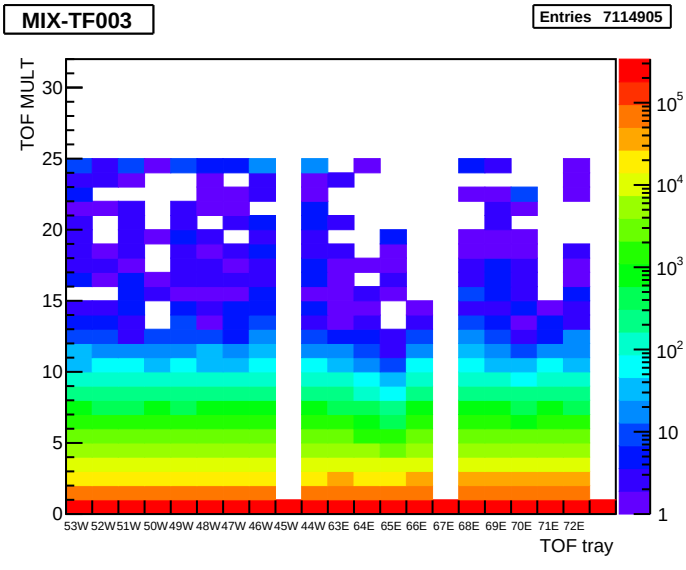

BunchId7Bit (BBC-TAC)
Entries 62578

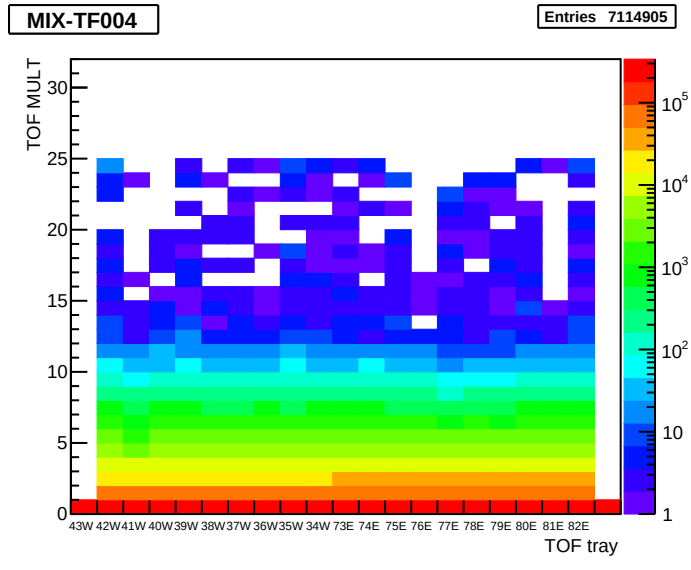

BunchId7Bit (Laser)
Entries 0

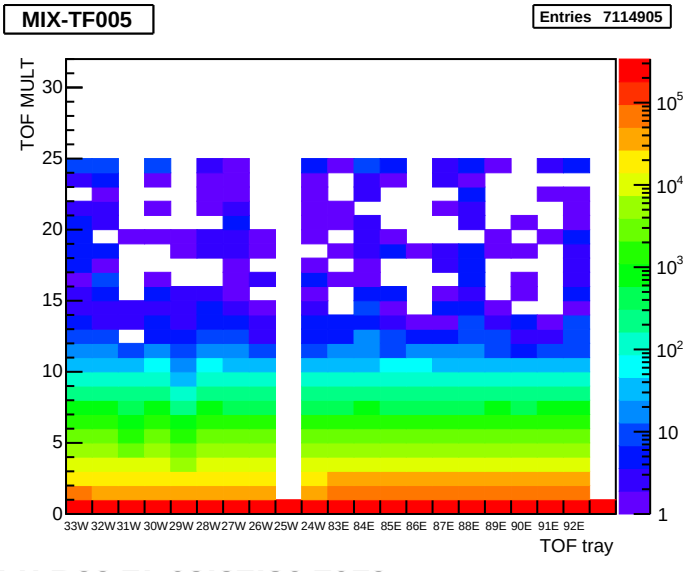

BunchId7Bit (TOFmult window)
Entries 14076

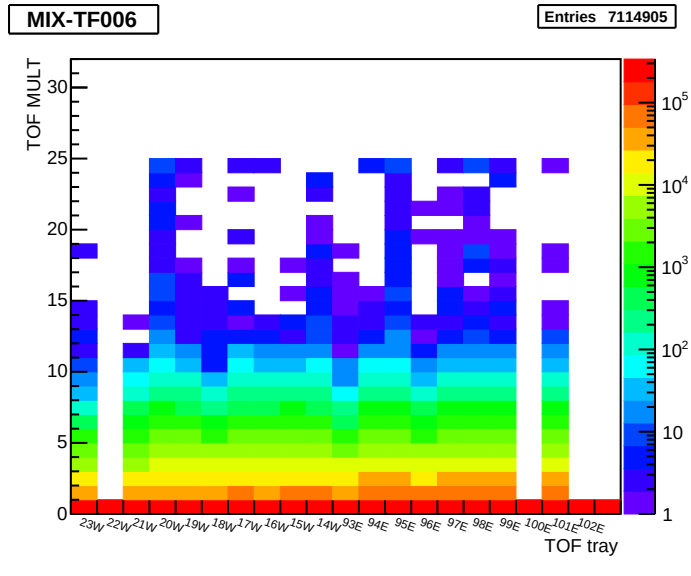

MIX-TF001
Entries 7114905
TOF MULT
TOF tray

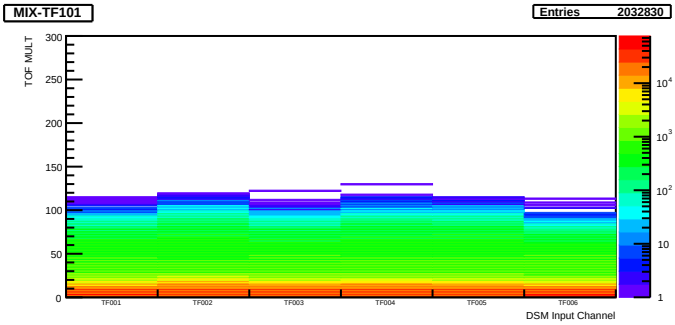

MIX-TF002
Entries 7114905
TOF MULT
TOF tray

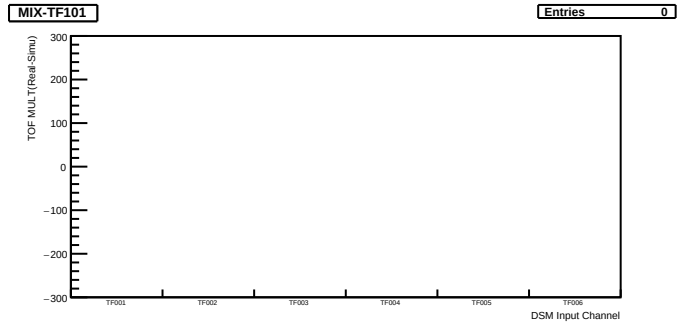

MIX-TF003
Entries 7114905
TOF MULT
TOF tray

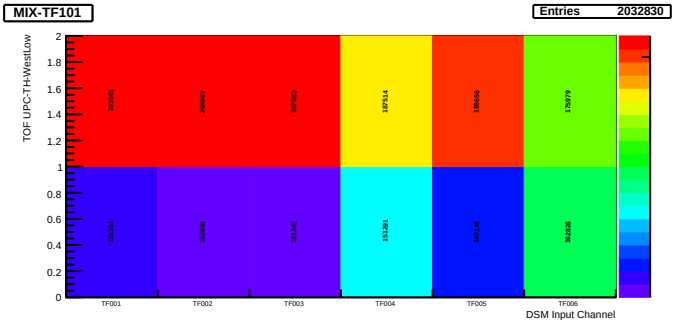

MIX-TF004
Entries 7114905
TOF MULT
TOF tray

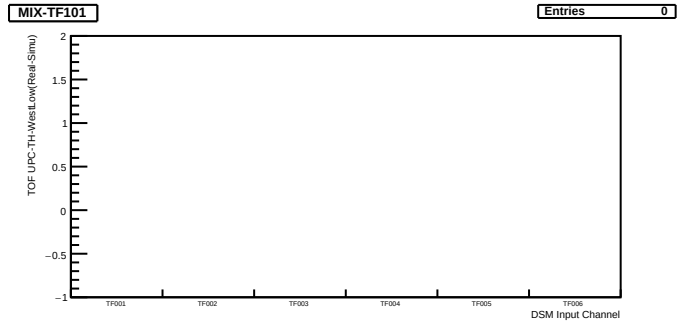

MIX-TF005
Entries 7114905
TOF MULT
TOF tray

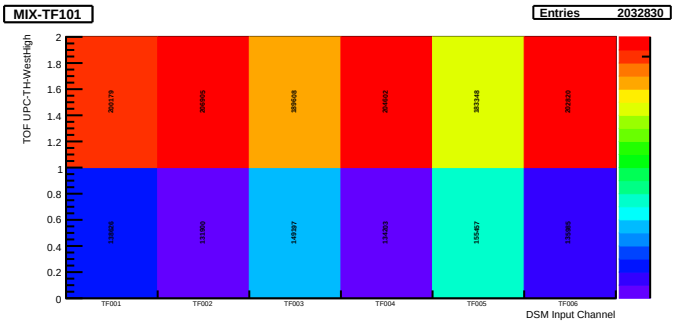

MIX-TF006
Entries 7114905
TOF MULT
TOF tray

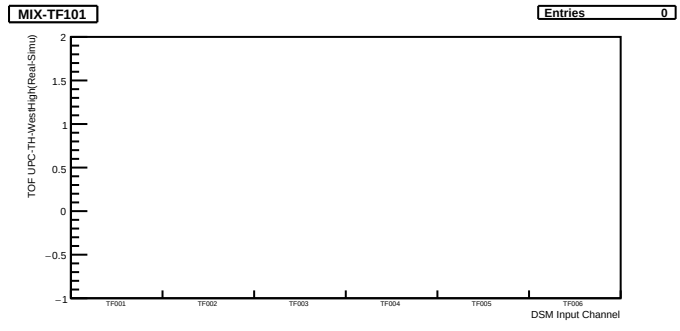

MIX-TF101
Entries 2032830
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

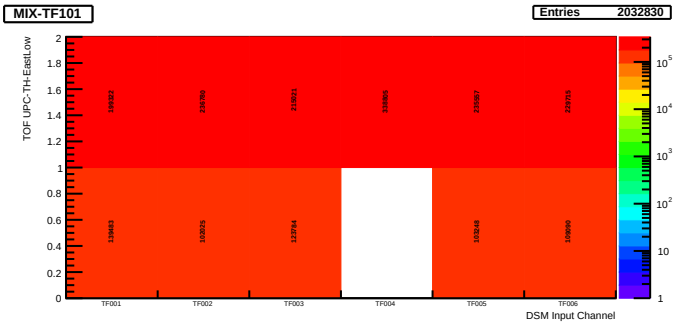

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

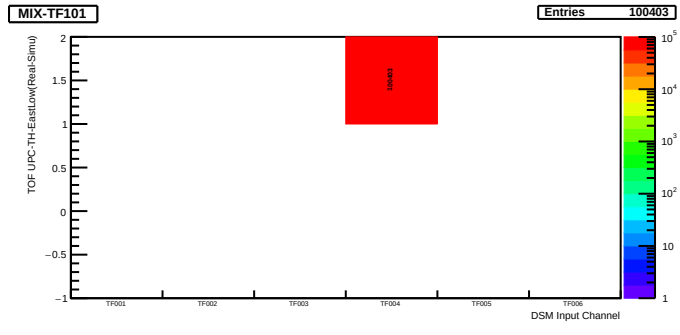

MIX-TF101
Entries 2032830
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

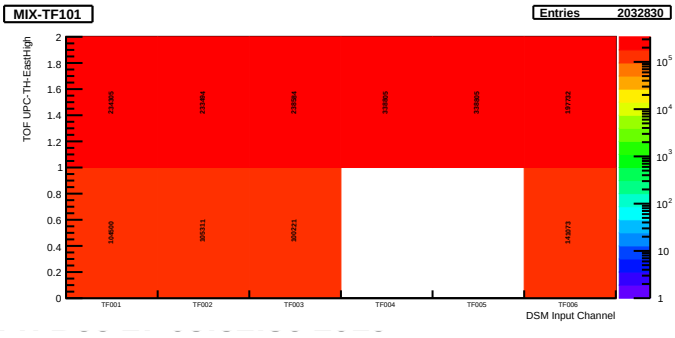

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

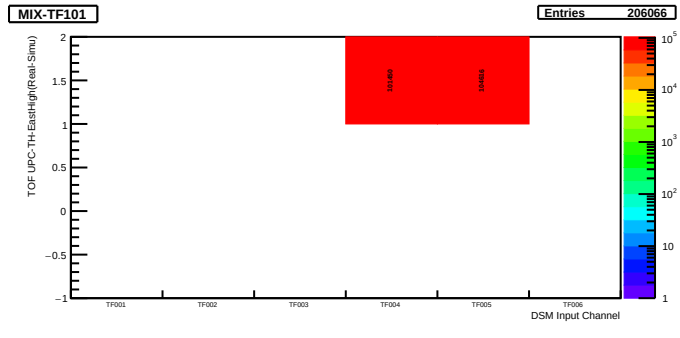

MIX-TF101
Entries 2032830
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

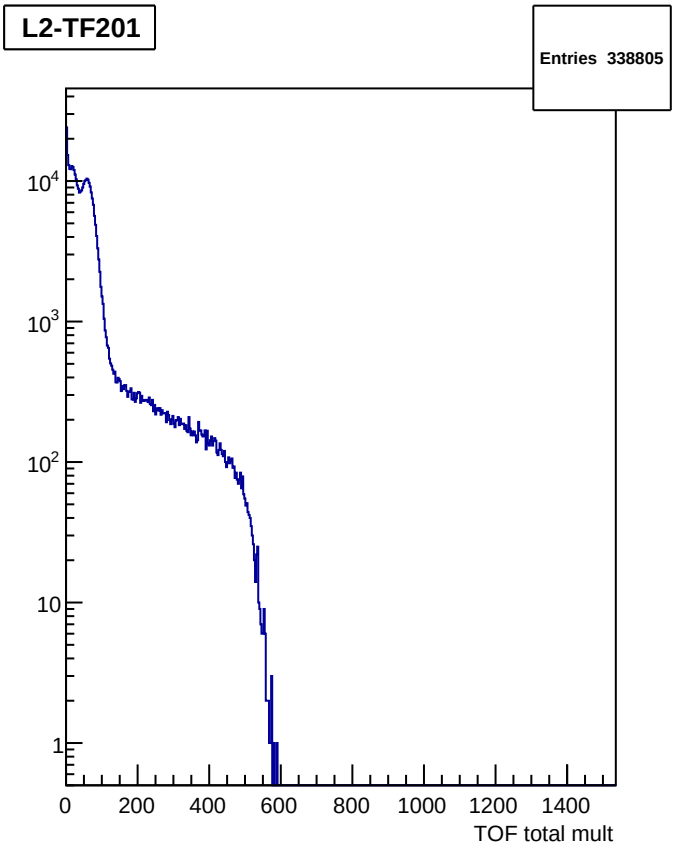

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

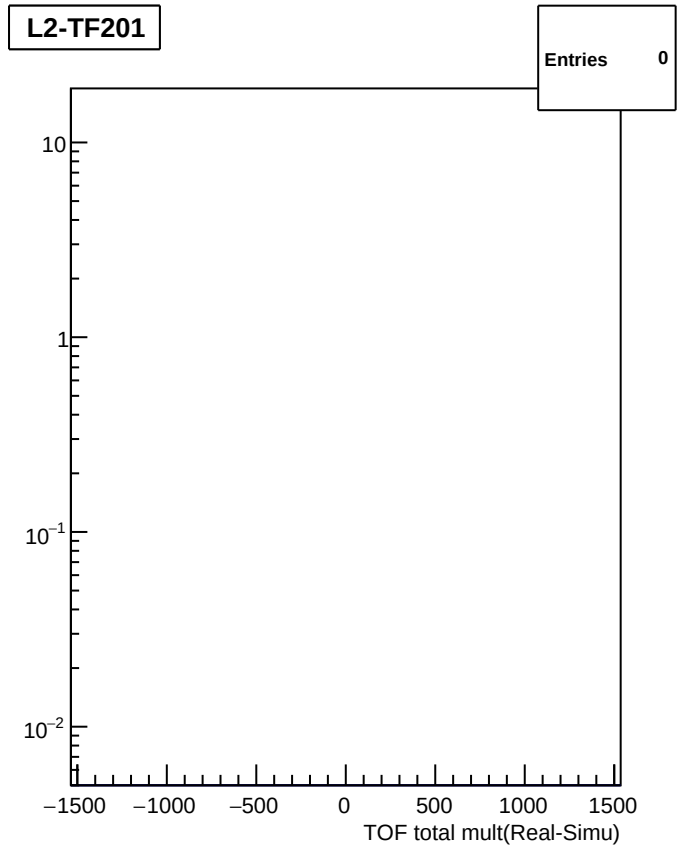

MIX-TF101
Entries 2032830
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

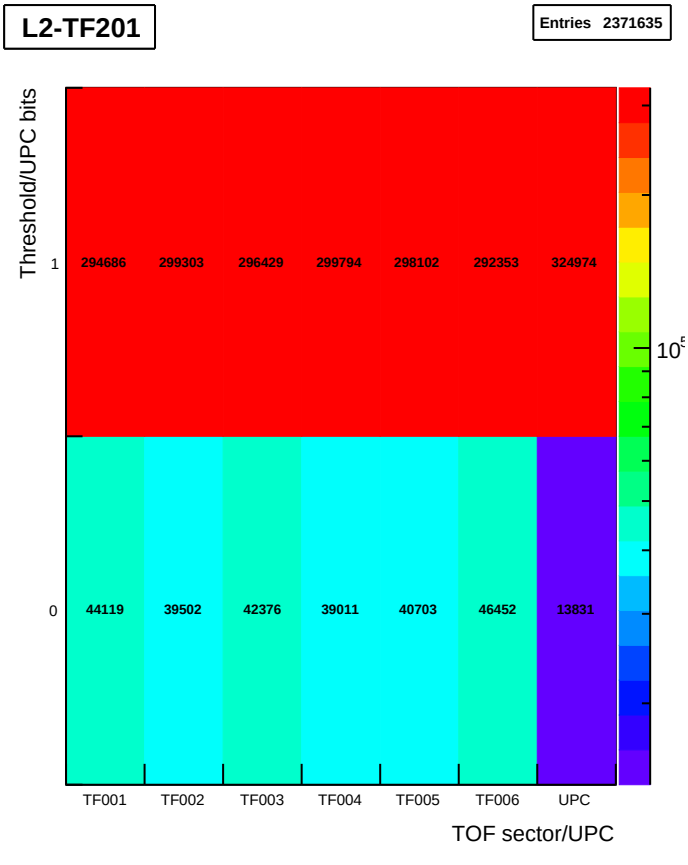

MIX-TF101
Entries 100403
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

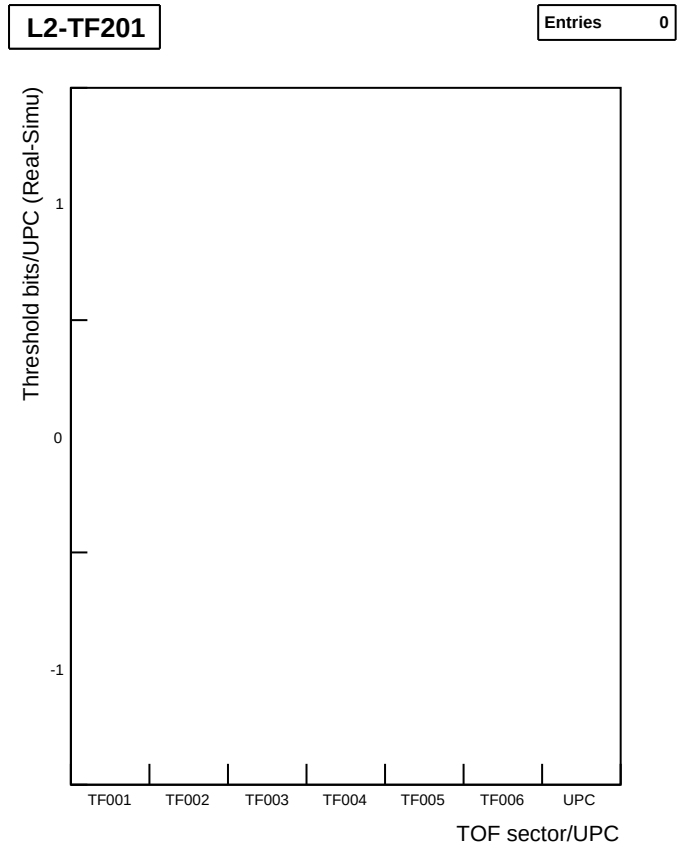

MIX-TF101
Entries 2032830
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

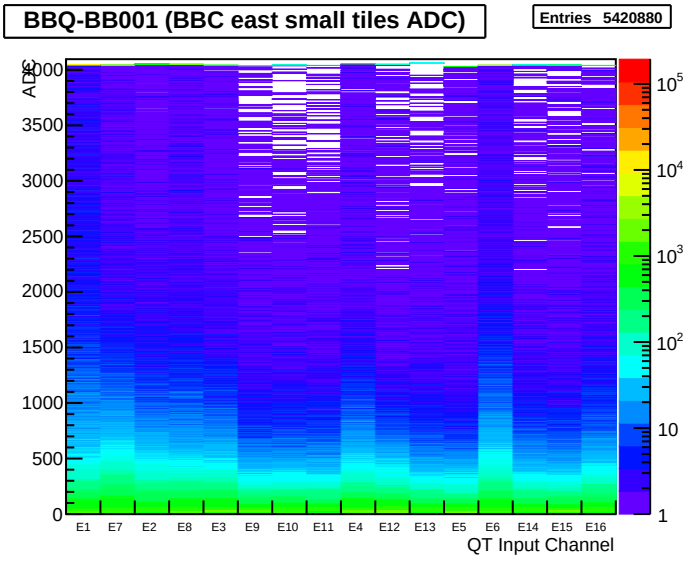

MIX-TF101
Entries 206066
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

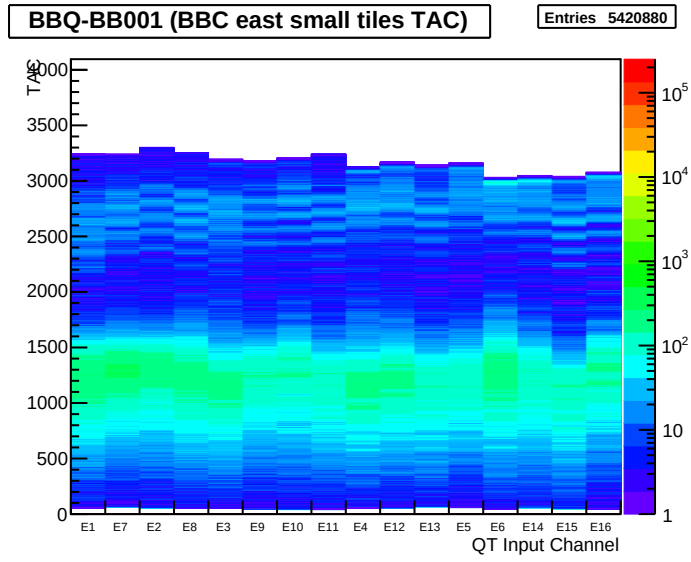

L2-TF201
Entries 338805
TOF total mult

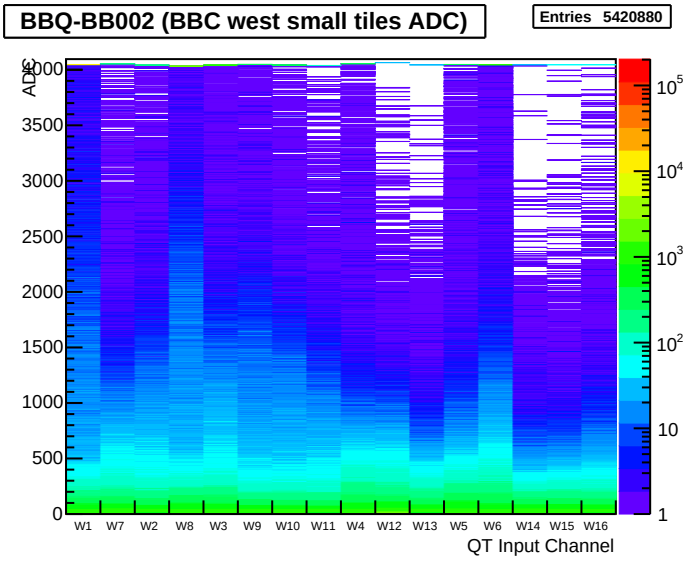

L2-TF201
Entries 0
TOF total mult(Real-Simu)

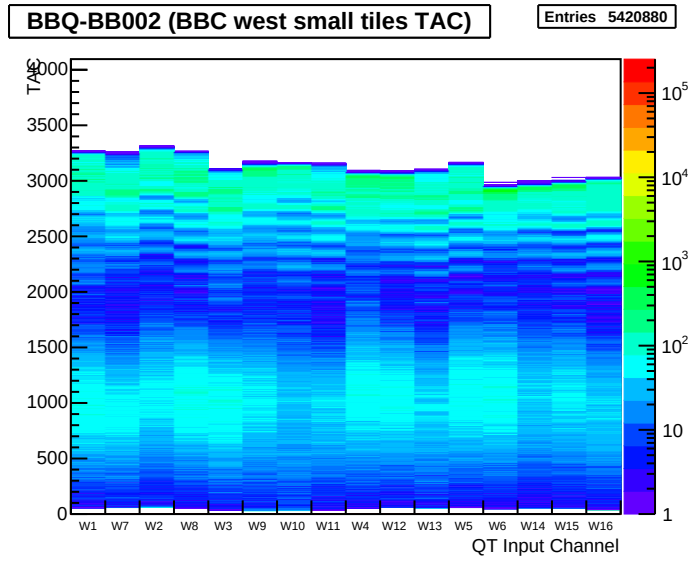

L2-TF201
Entries 2371635
Threshold/UPC bits
294686
299303
296429
299794
298102
292353
324974
44119
39502
42376
39011
40703
46452
13831
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

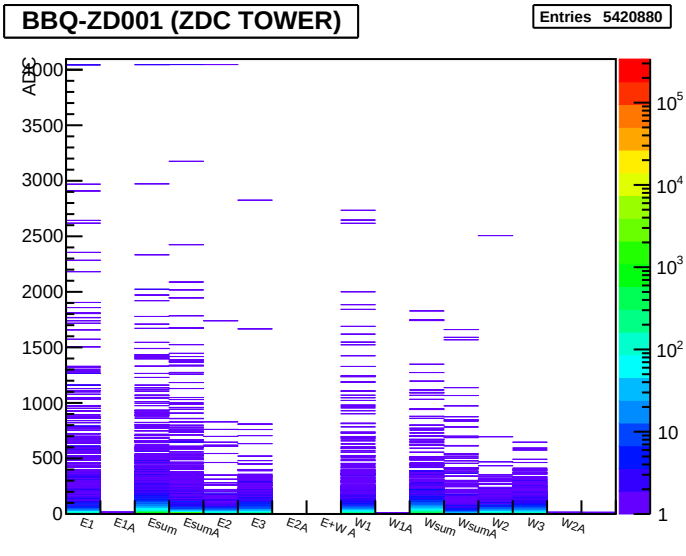

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

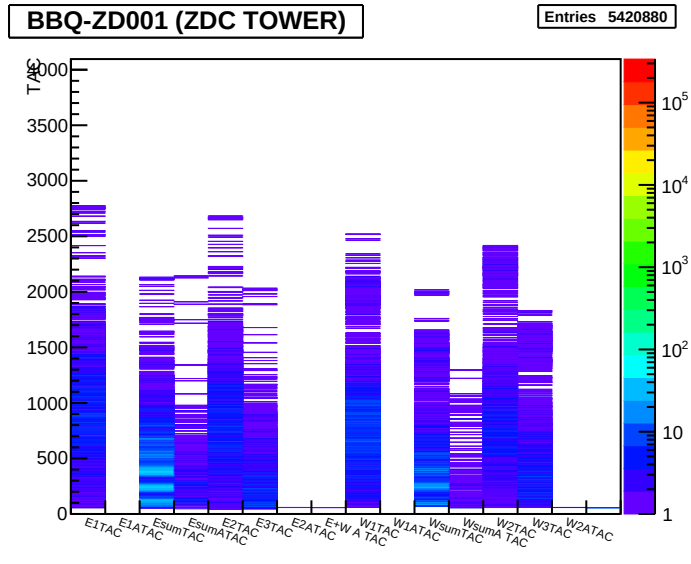

BBQ-BB001 (BBC east small tiles ADC)
Entries 5420880
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

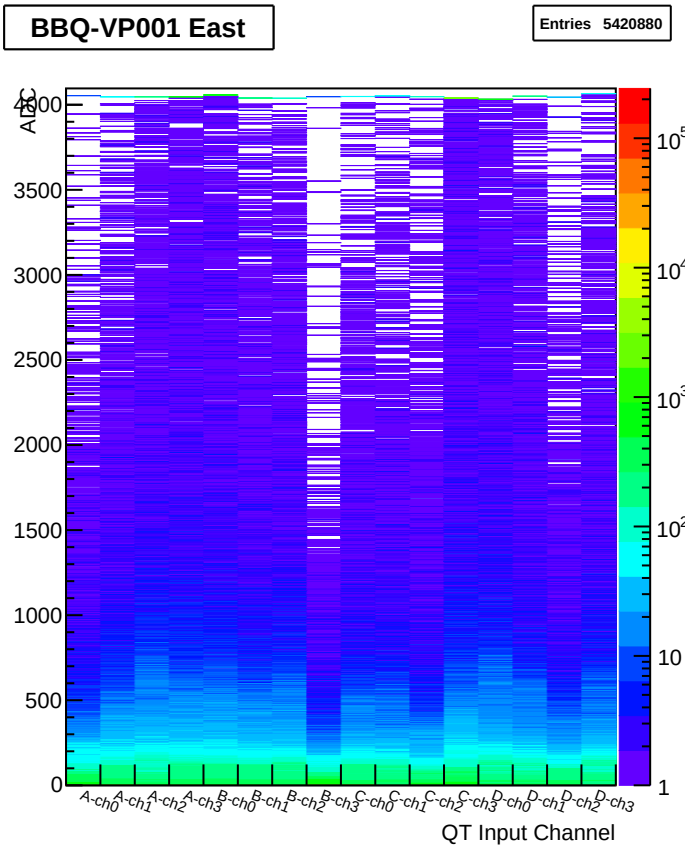

BBQ-BB001 (BBC east small tiles TAC)
Entries 5420880
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

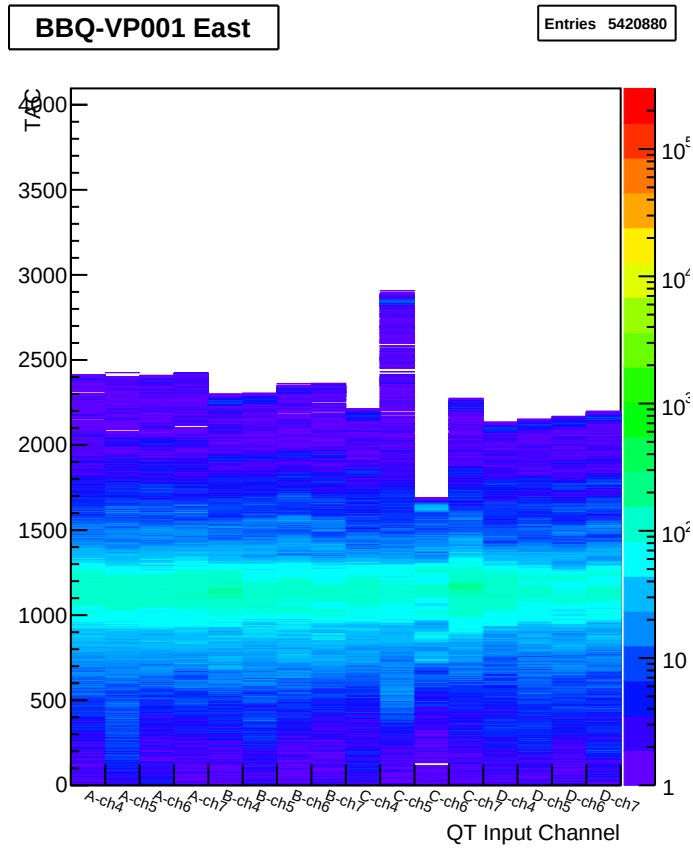

BBQ-BB002 (BBC west small tiles ADC)
Entries 5420880
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

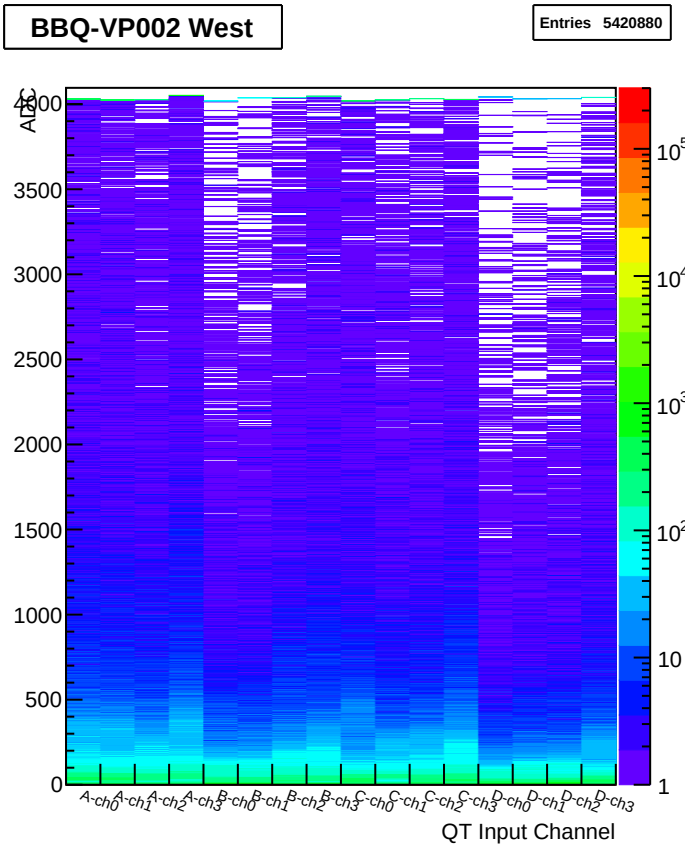

BBQ-BB002 (BBC west small tiles TAC)
Entries 5420880
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

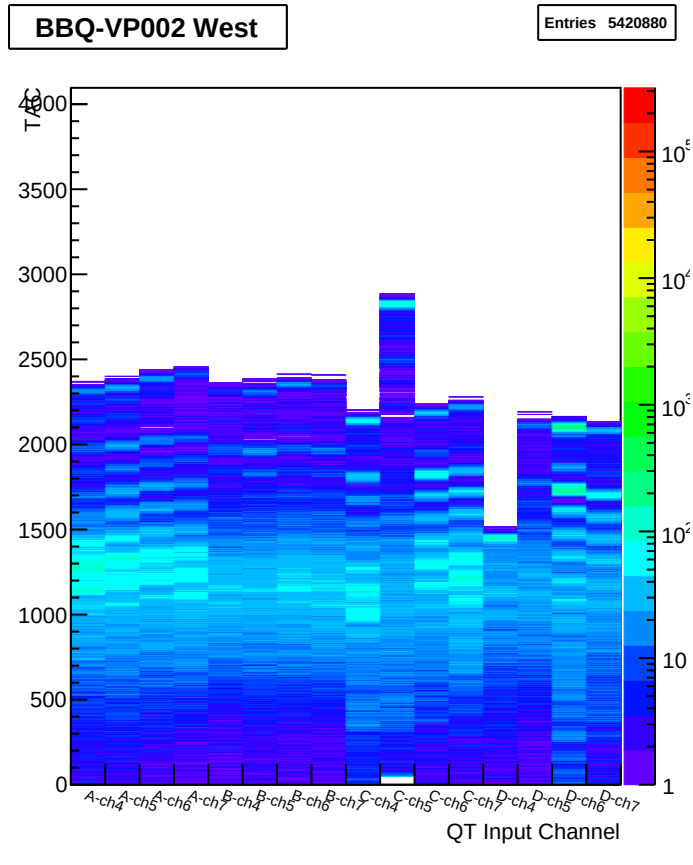

BBQ-ZD001 (ZDC TOWER)
Entries 5420880
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

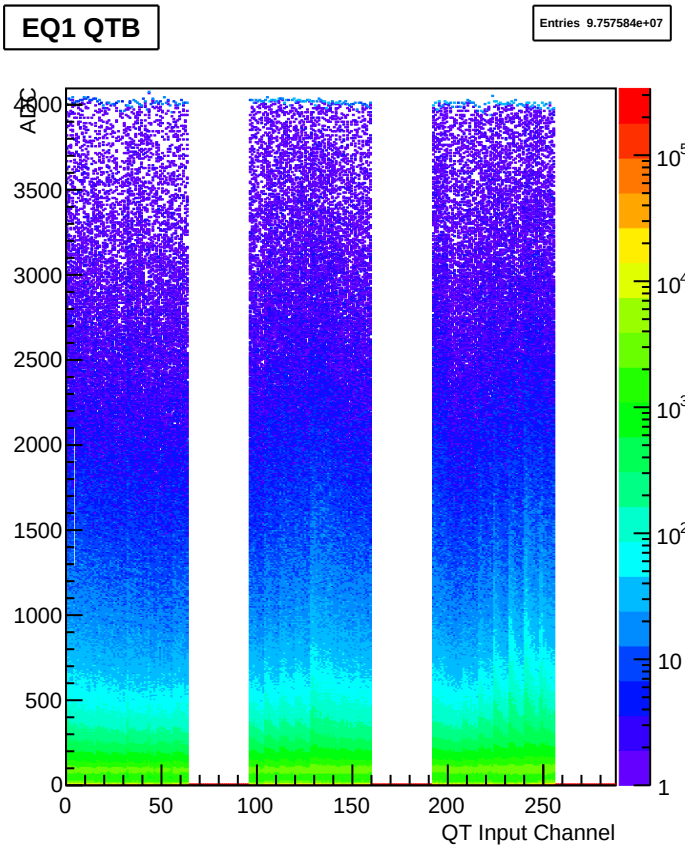

BBQ-ZD001 (ZDC TOWER)
Entries 5420880
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

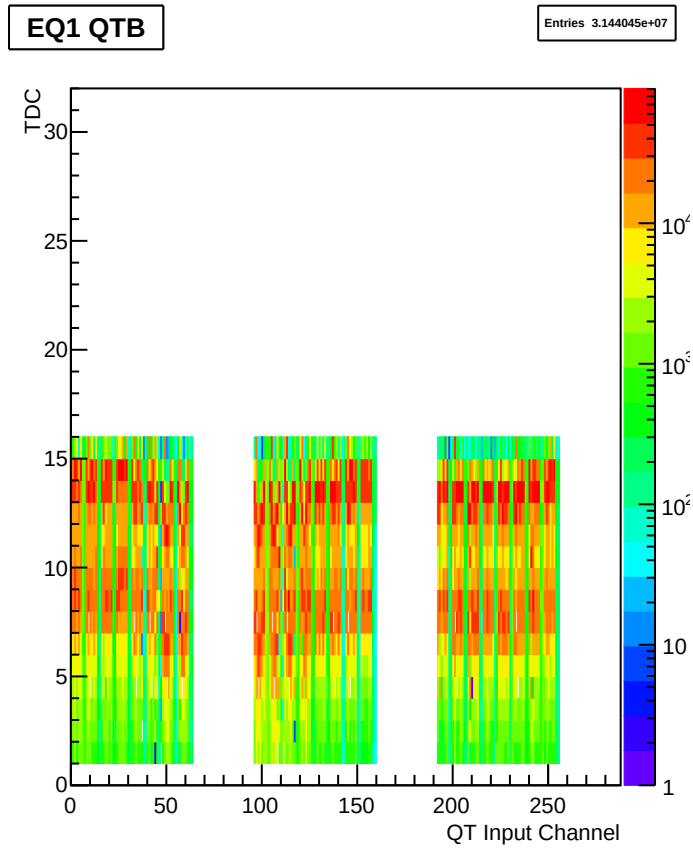

BBQ-VP001 East
Entries 5420880
ADC
QT Input Channel

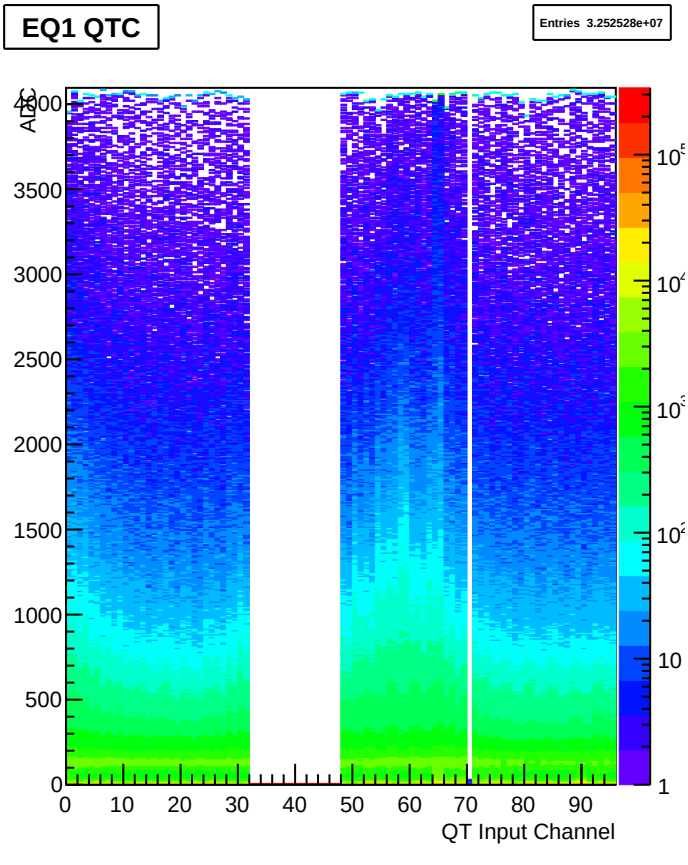

BBQ-VP001 East
Entries 5420880
TADC
QT Input Channel

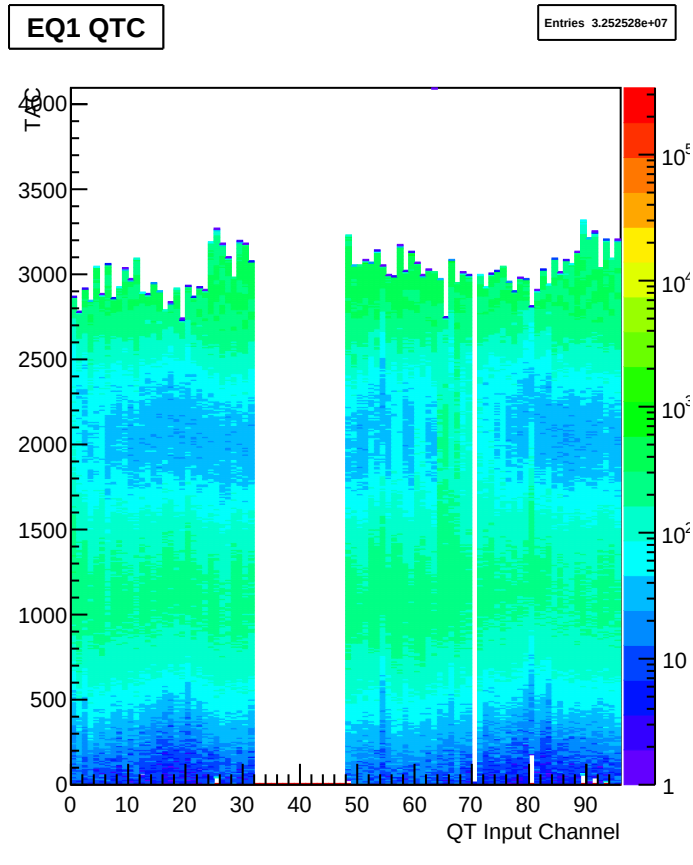

BBQ-VP002 West
Entries 5420880
ADC
QT Input Channel

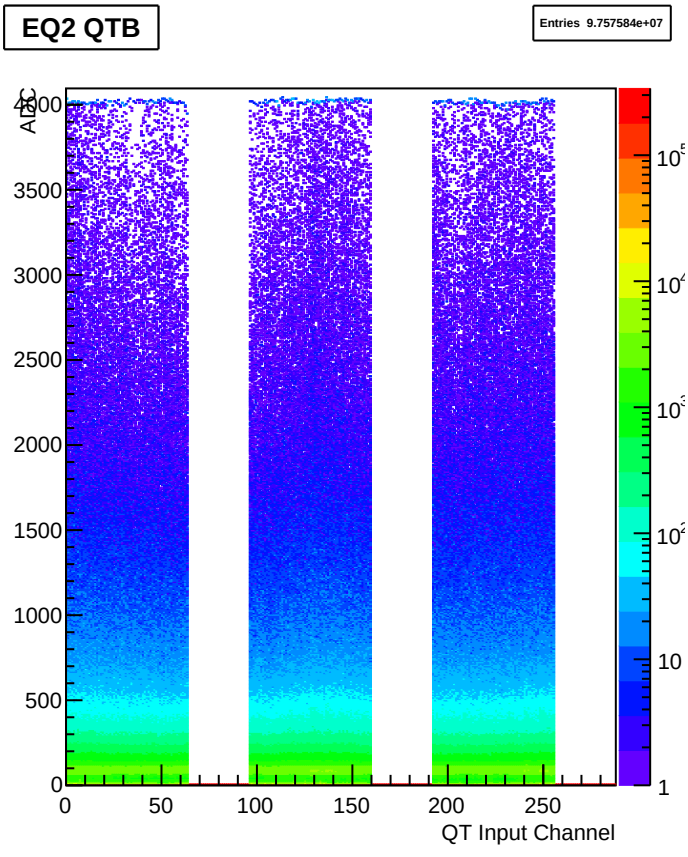

BBQ-VP002 West
Entries 5420880
TADC
QT Input Channel

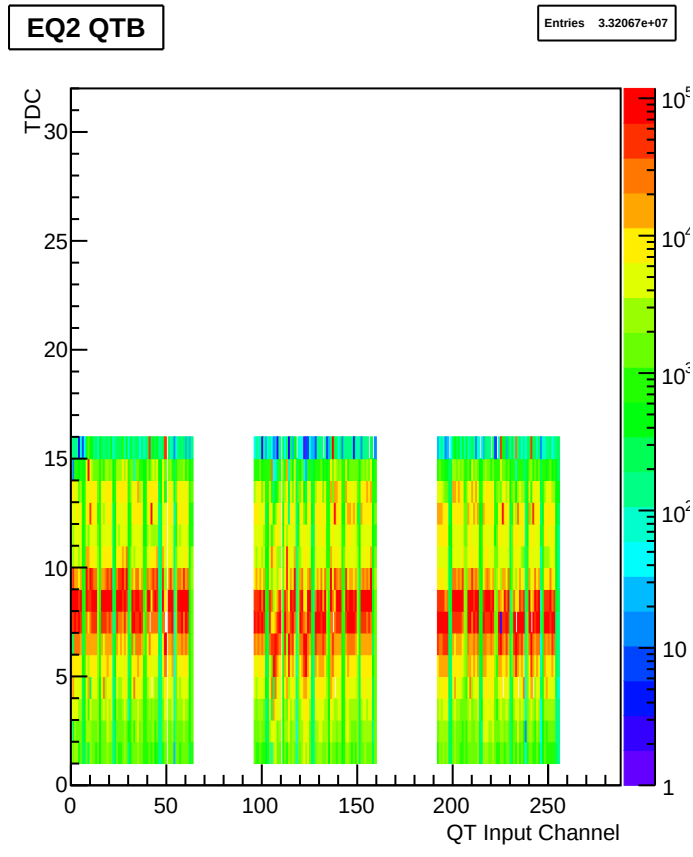

EQ1 QTB
Entries 9.757584e+07
ADC
QT Input Channel

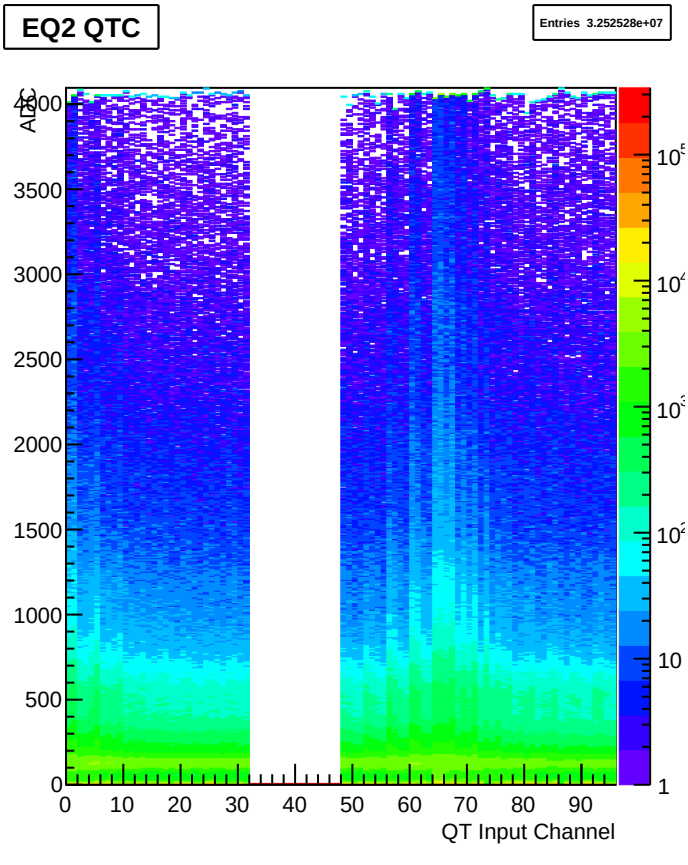

EQ1 QTB
Entries 3.144045e+07
TDC
QT Input Channel

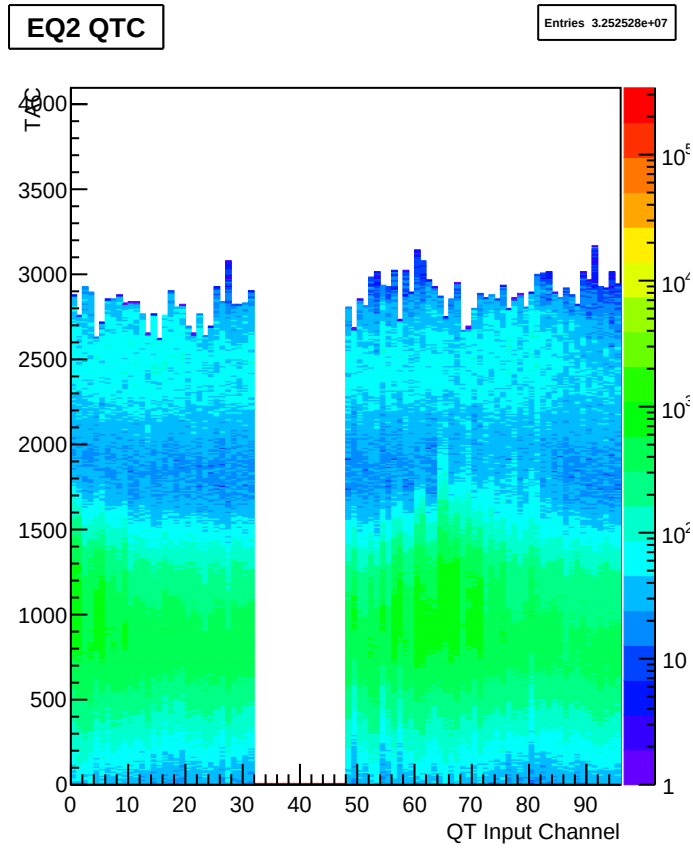

EQ1 QTC
Entries 3.252528e+07
ADC
QT Input Channel

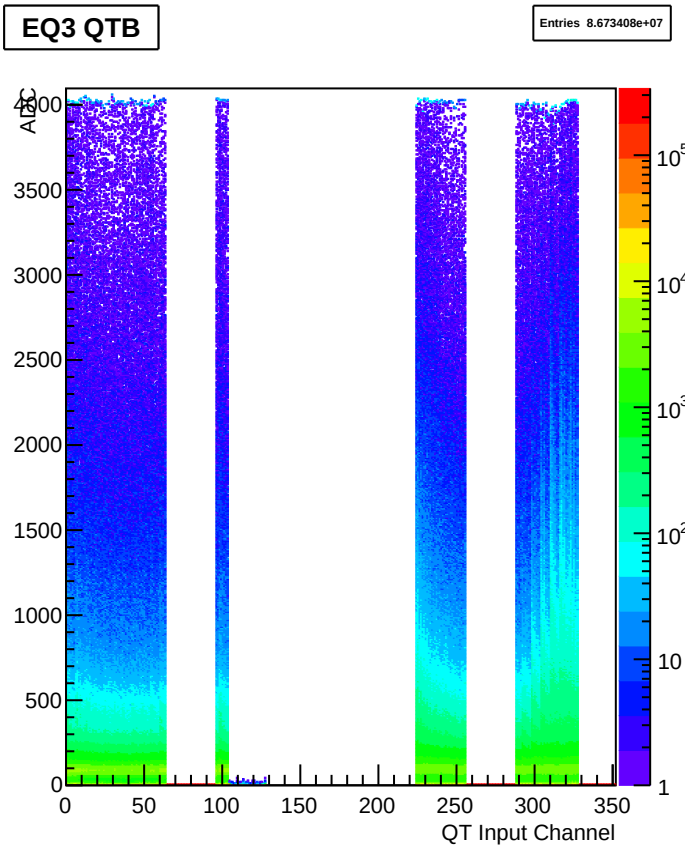

EQ1 QTC
Entries 3.252528e+07
TADC
QT Input Channel

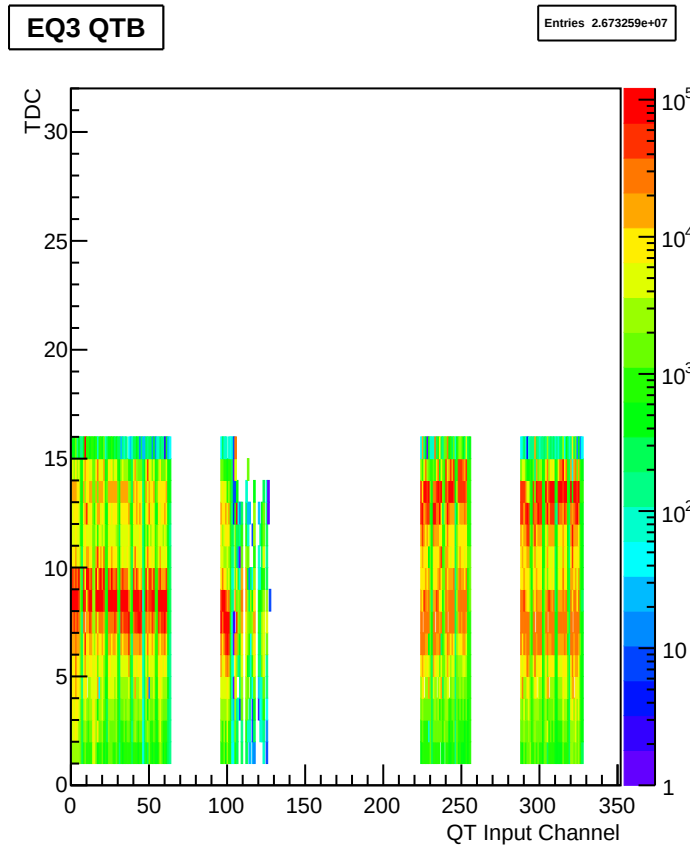

EQ2 QTB
Entries 9.757584e+07
ADC
QT Input Channel

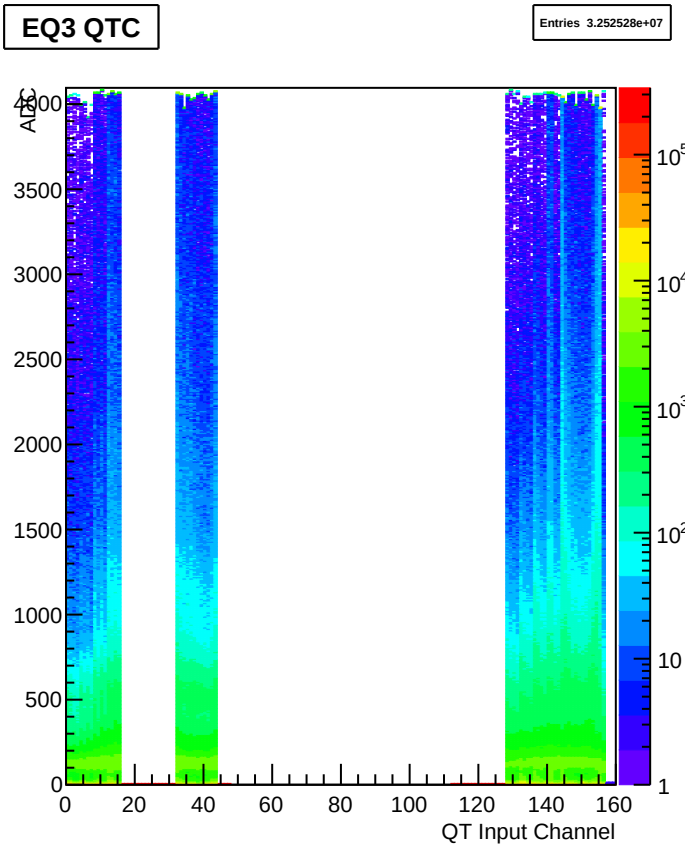

EQ2 QTB
Entries 3.32067e+07
TDC
QT Input Channel

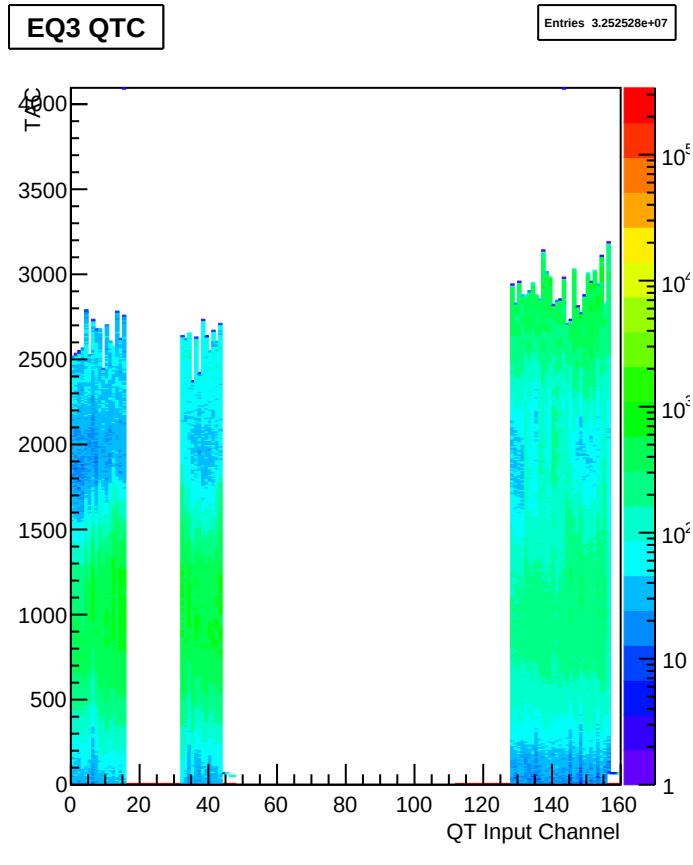

EQ2 QTC
Entries 3.252528e+07
ADC
QT Input Channel

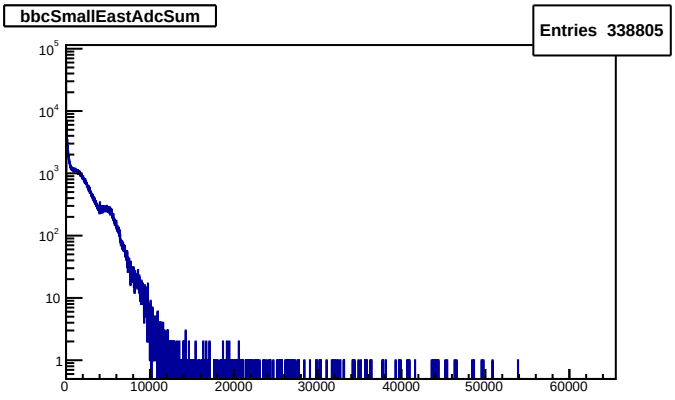

EQ2 QTC
Entries 3.252528e+07
TADC
QT Input Channel

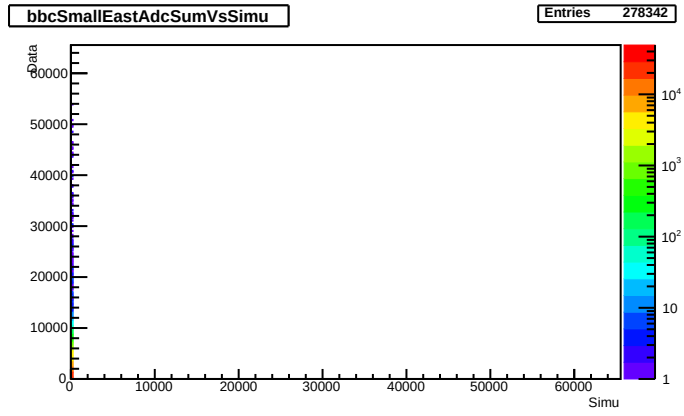

EQ3 QTB
Entries 8.673408e+07
ADC
QT Input Channel

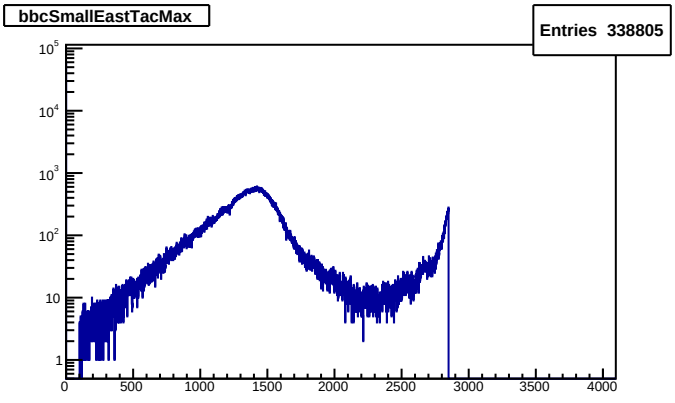

EQ3 QTB
Entries 2.673259e+07
TDC
QT Input Channel

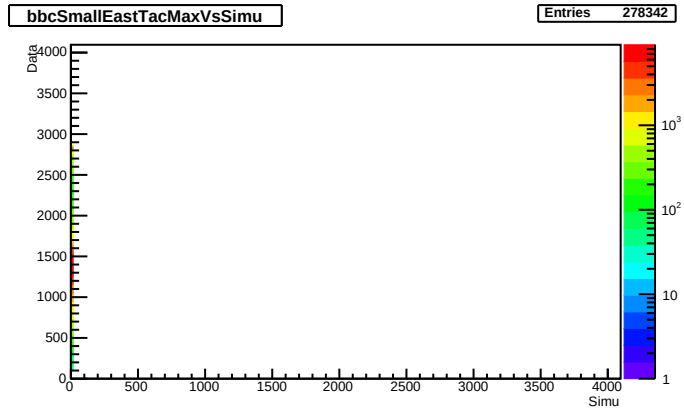

EQ3 QTC
Entries 3.252528e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.252528e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 338805


bbcSmallEastAdcSumVsSimu
Entries 278342
Data
Simu


bbcSmallEastTacMax
Entries 338805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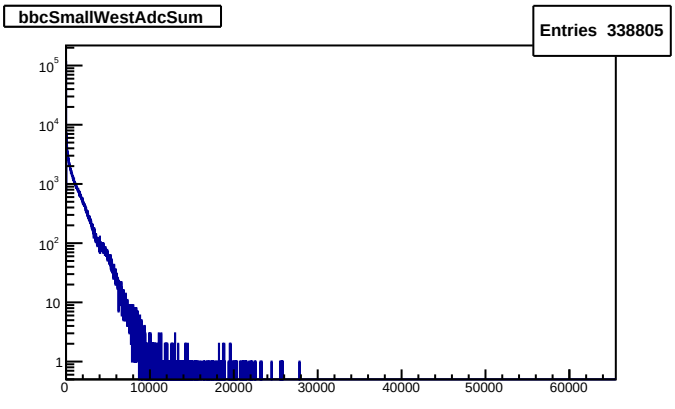
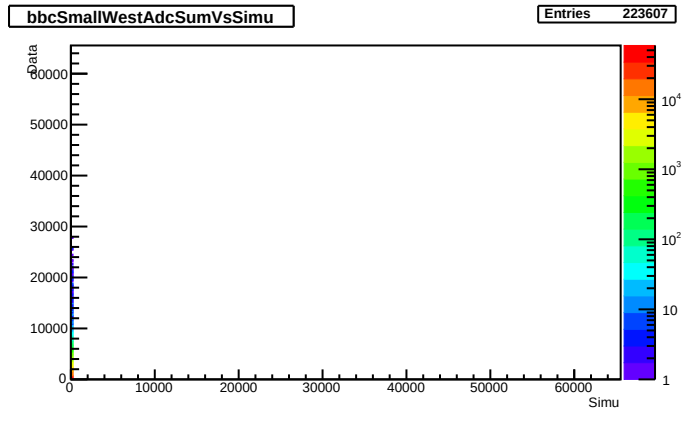
Entries 278342
Data
Simu


bbcSmallWestAdcSum
Entries 338805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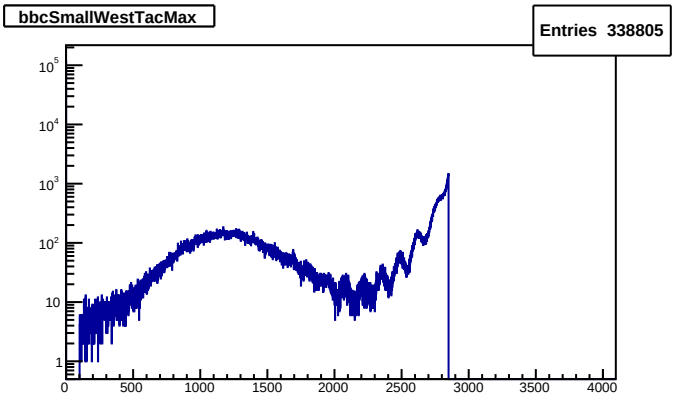
Entries 223607
Data
Simu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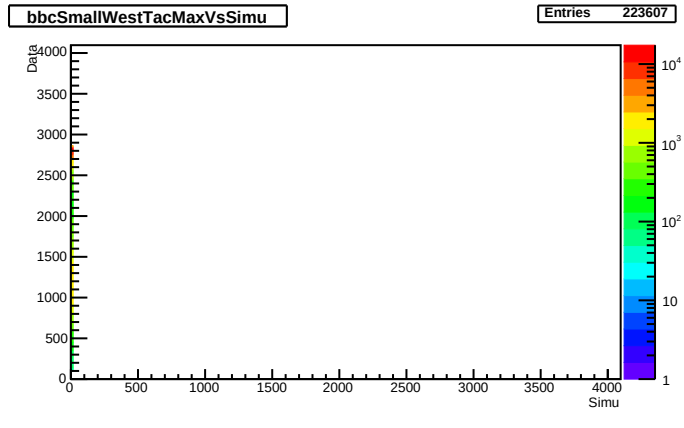
Entries 338805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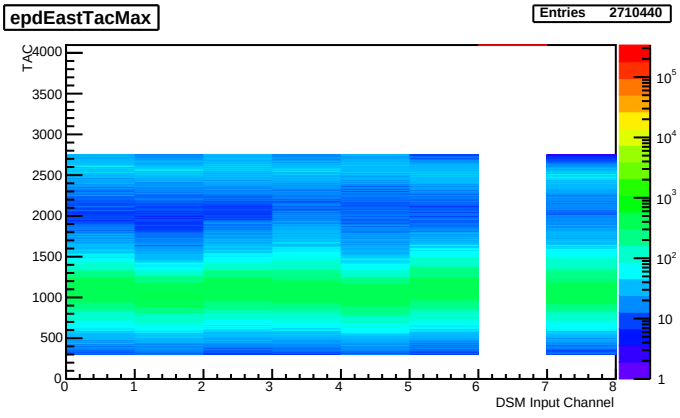
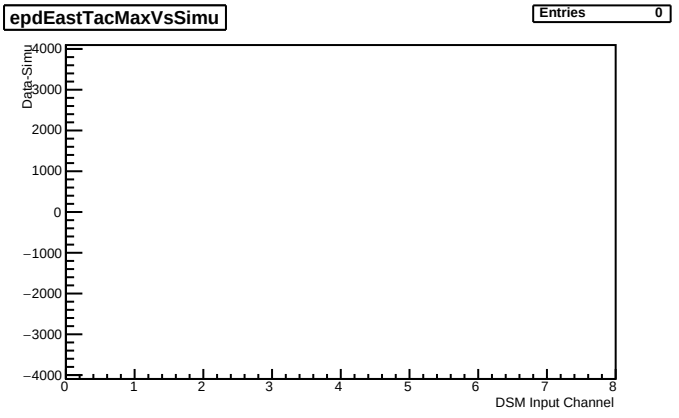
Entries 223607
Data
Simu


epdEastTacMax
Entries 2710440
TAC
DSM Input Channel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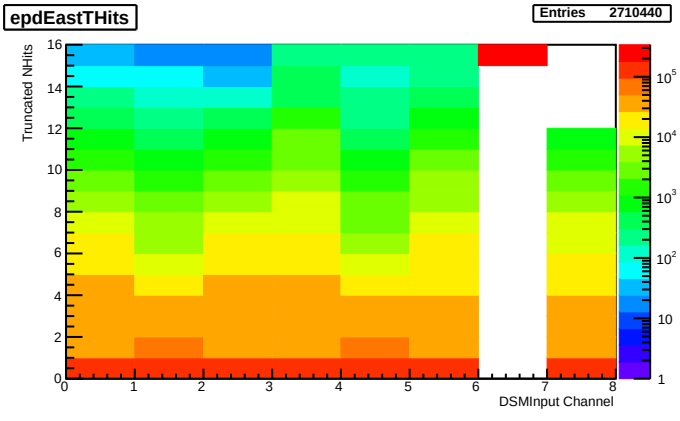
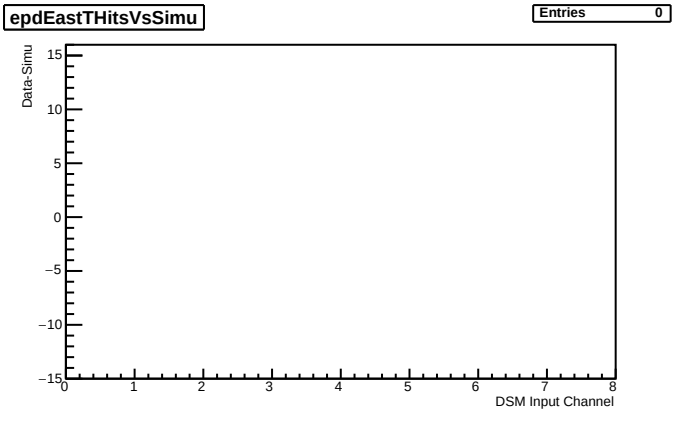
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2710440
Truncated NHits
DSMInput Channel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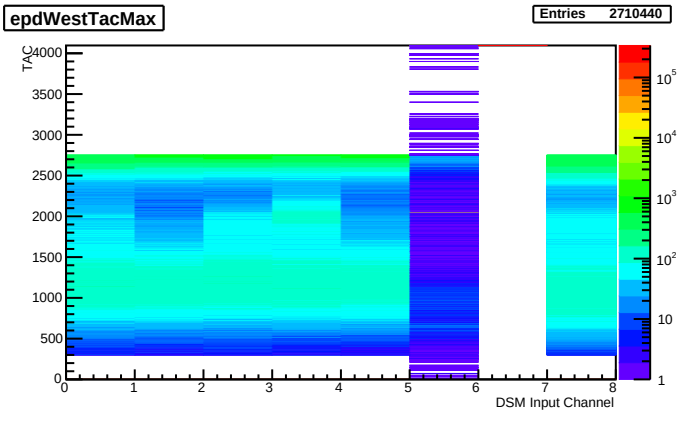
Entries 0
Data-Simu
DSM Input Channel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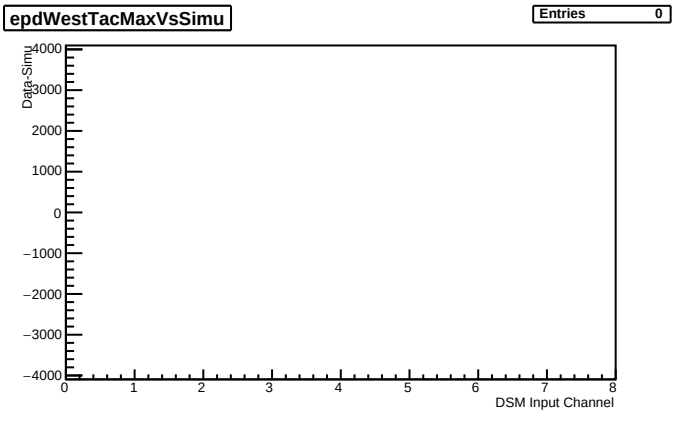
Entries 2710440
TAC
DSM Input Channel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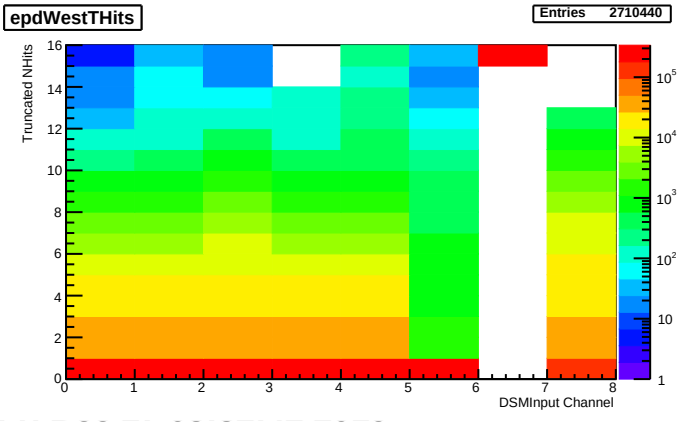
Data-Simu
DSM Input Channel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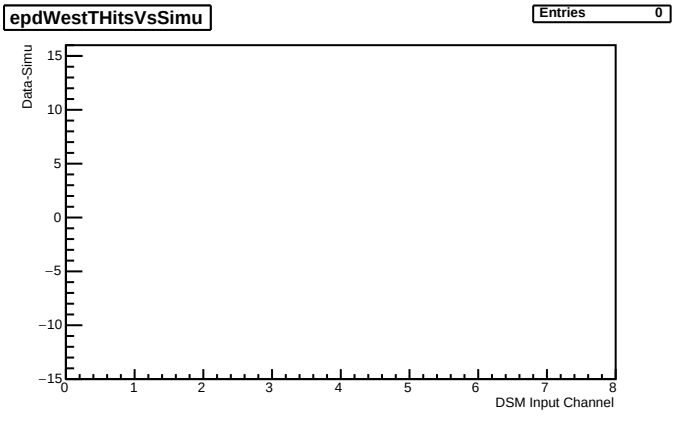
Entries 2710440
Truncated NHits
DSMInput Channel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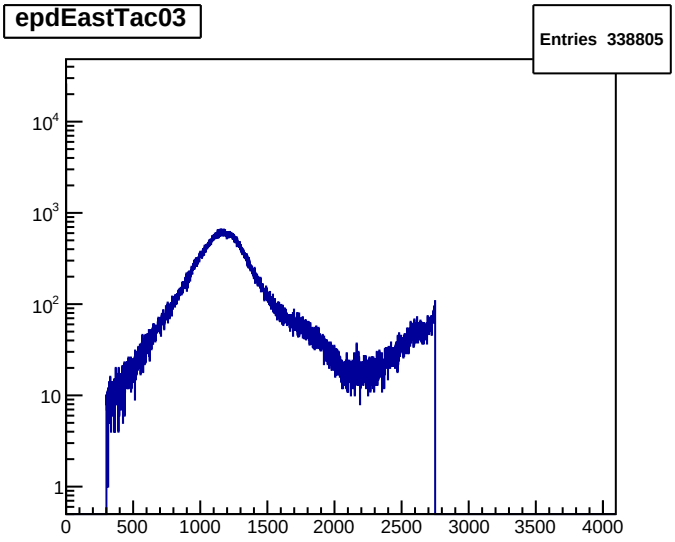
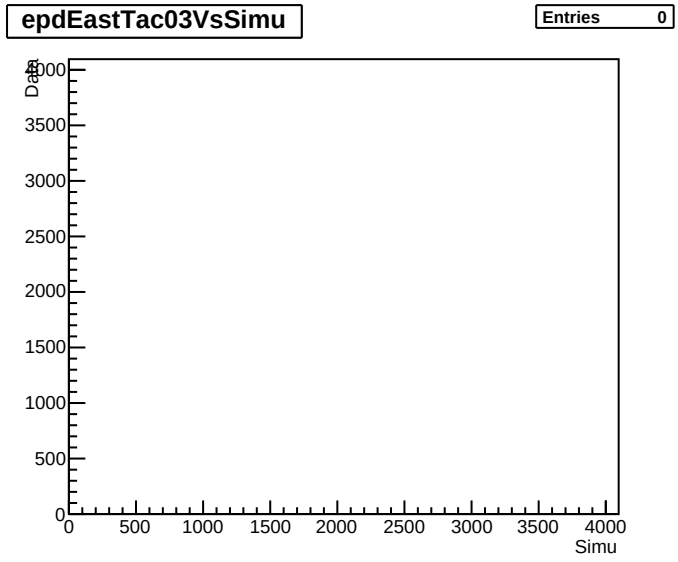
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 338805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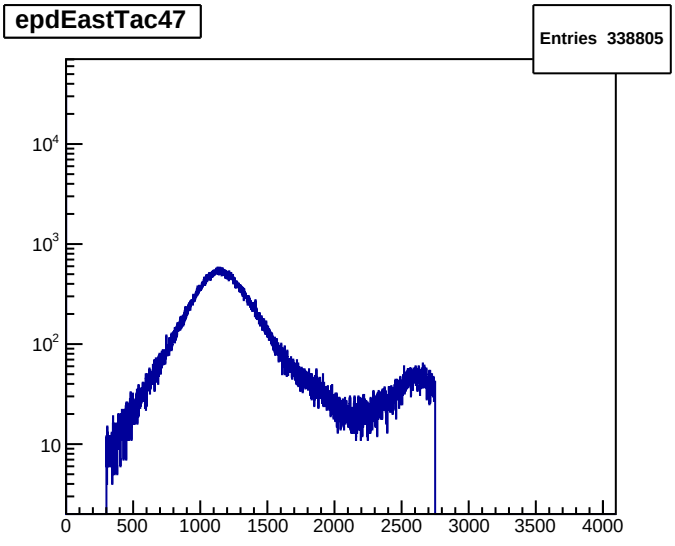
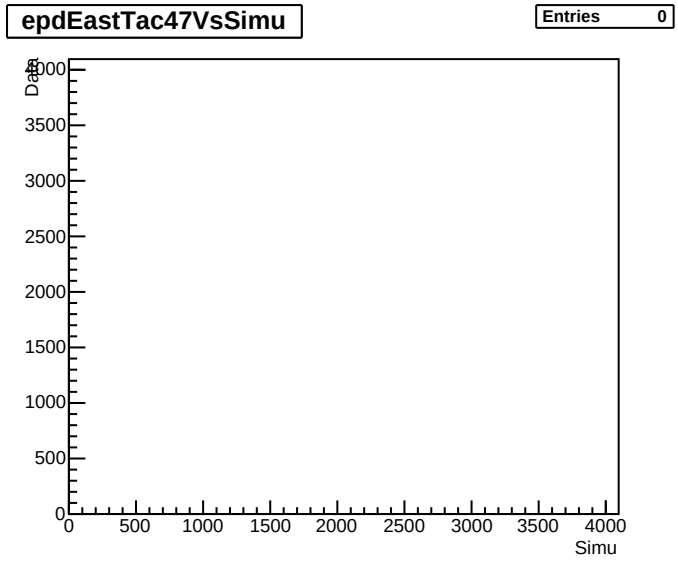
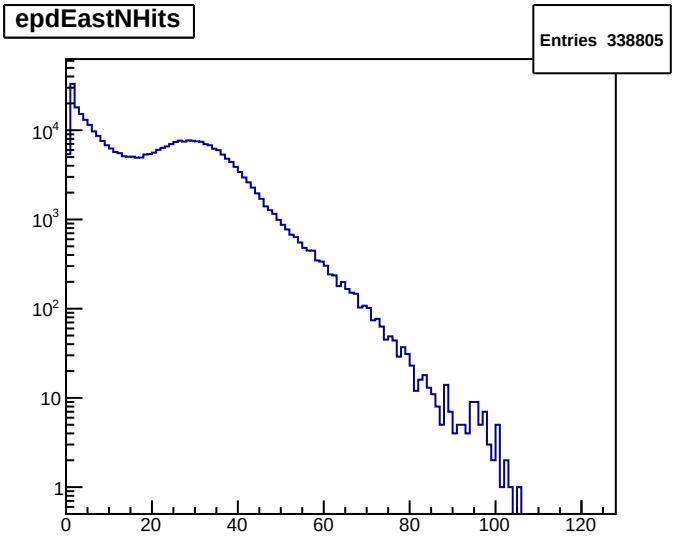
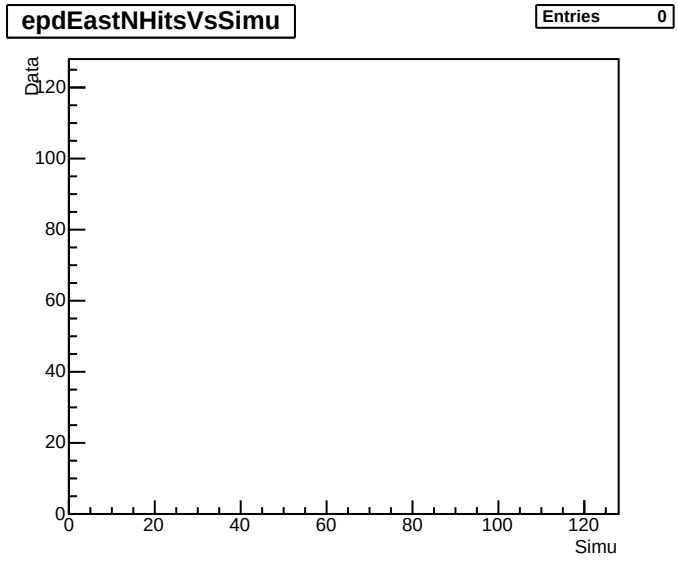
Entries 0
Data
Simu


epdEastTac47
Entries 338805


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 338805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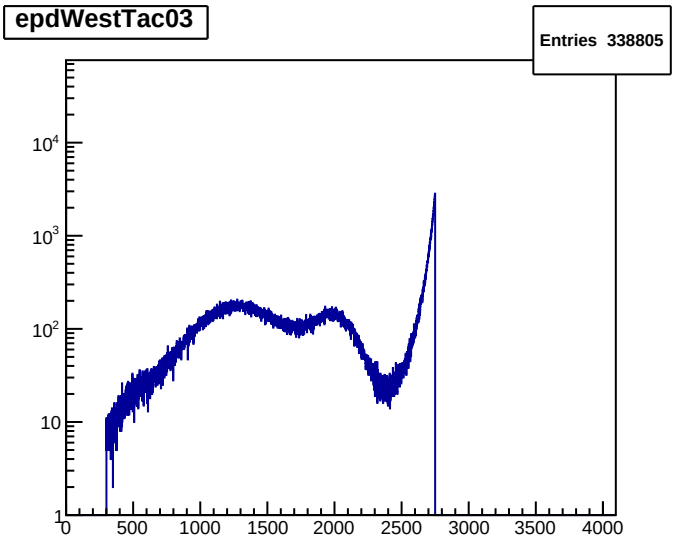
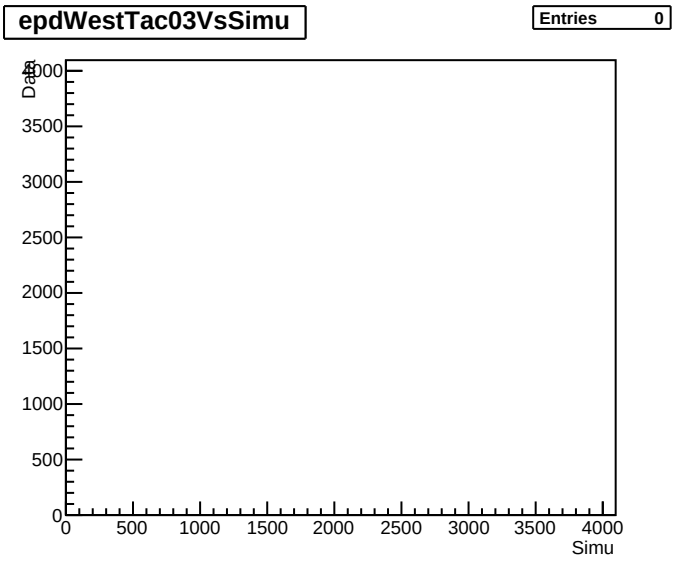
Entries 0
Data
Simu


epdWestTac03
Entries 338805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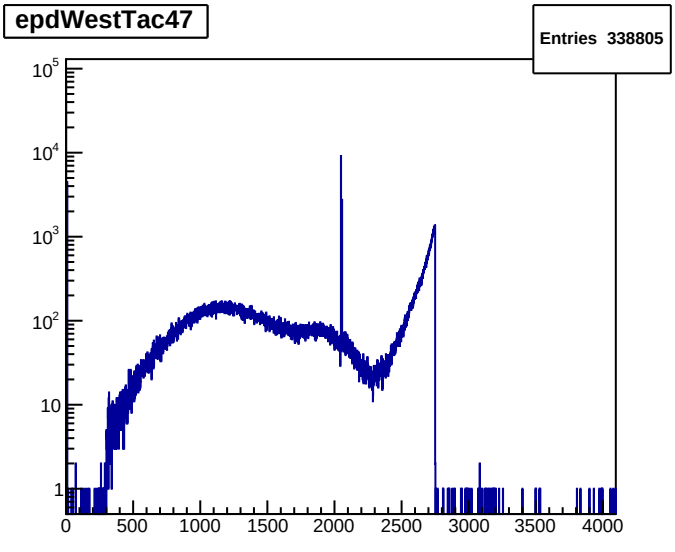
Entries 0
Data
Simu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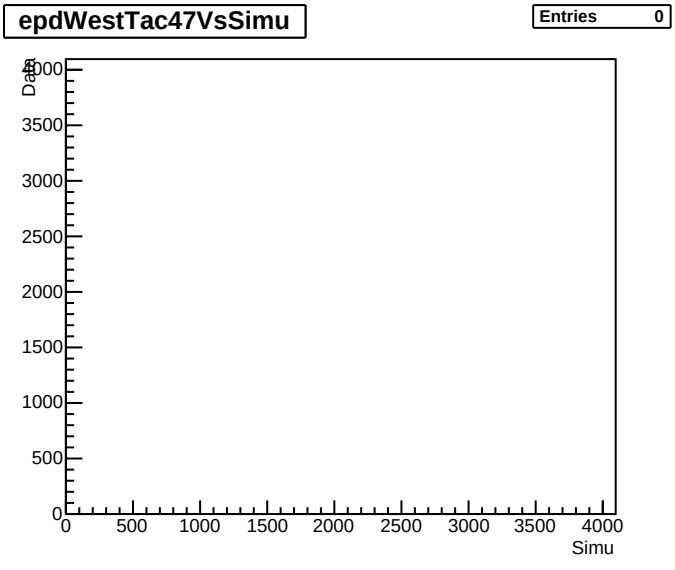
Entries 338805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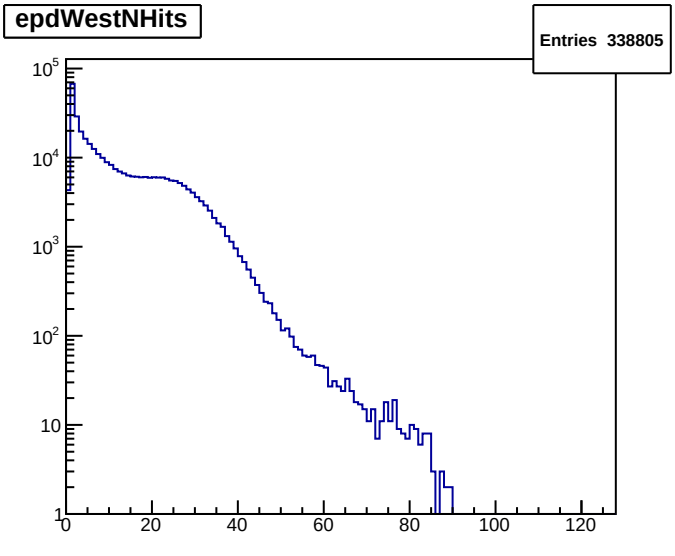
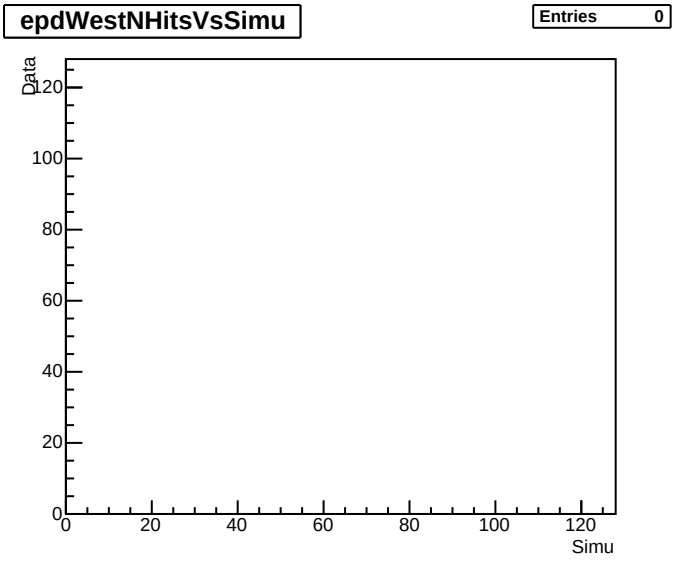
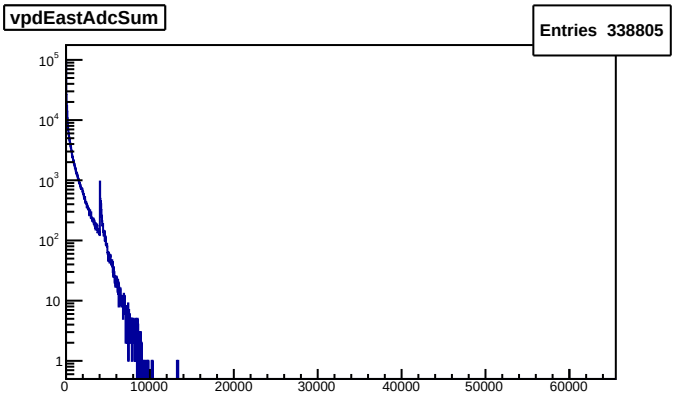
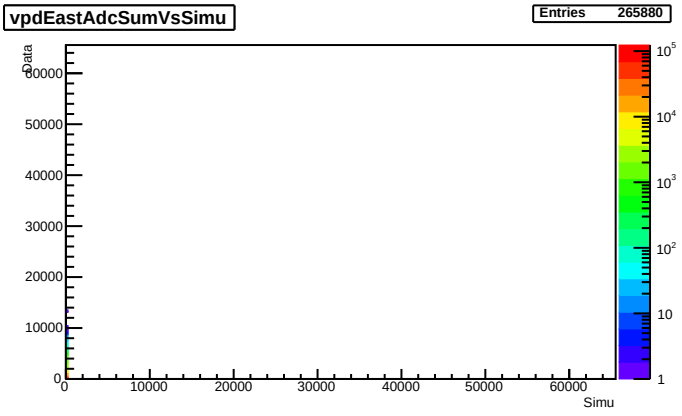
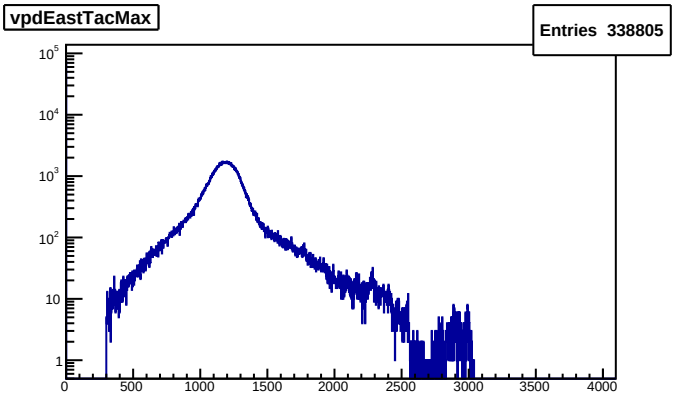
Entries 0
Data
Simu

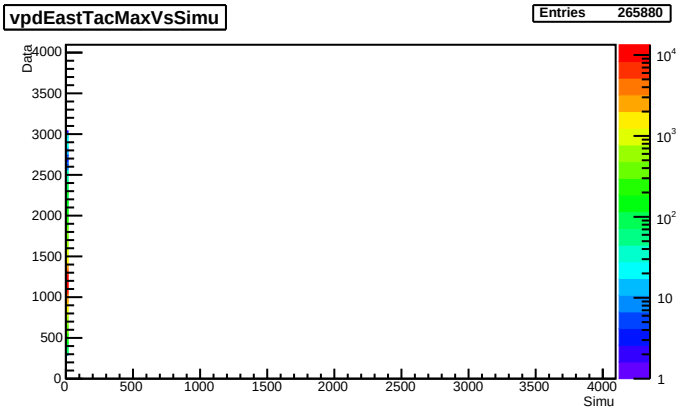

epdWestNHits
Entries 338805

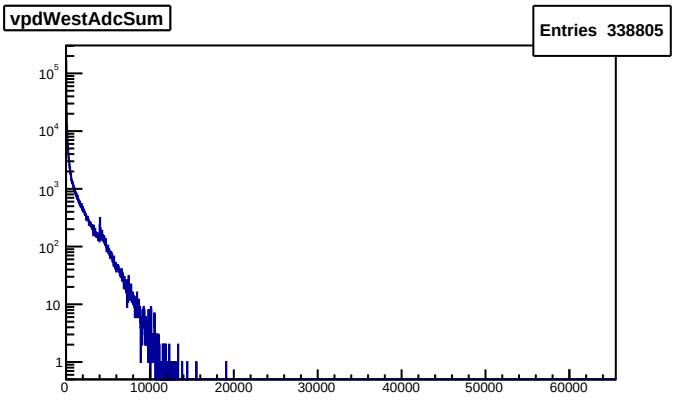

epdWestNHitsVsSimu
Entries 0
Data
Simu

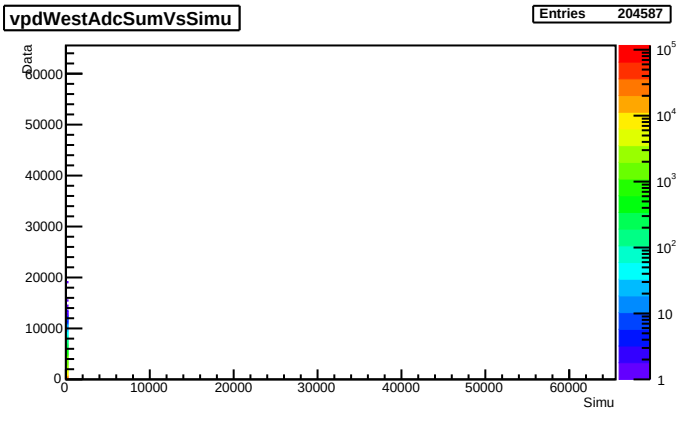

vpdEastAdcSum
Entries 338805

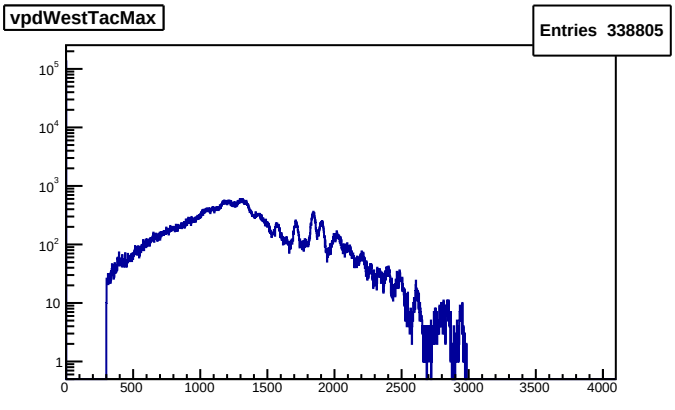

vpdEastAdcSumVsSimu
Entries 265880
Data
Simu

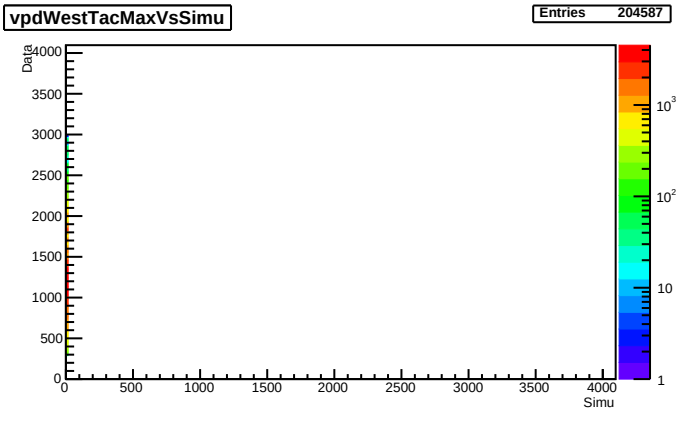

vpdEastTacMax
Entries 338805

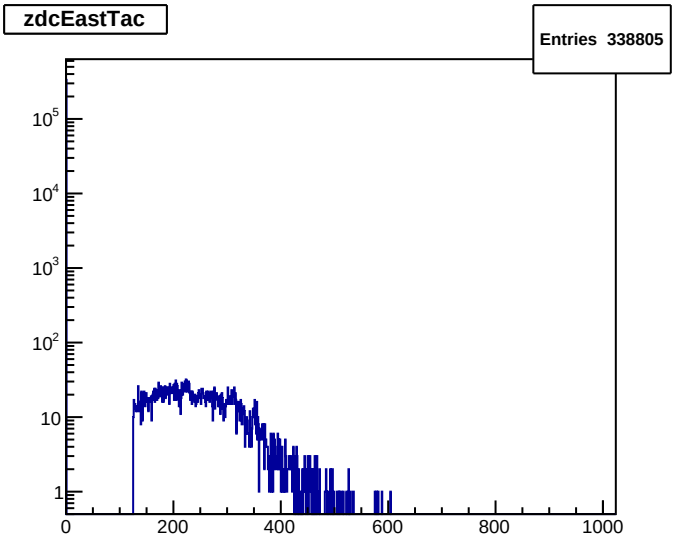

vpdEastTacMaxVsSimu
Entries 265880
Data
Simu

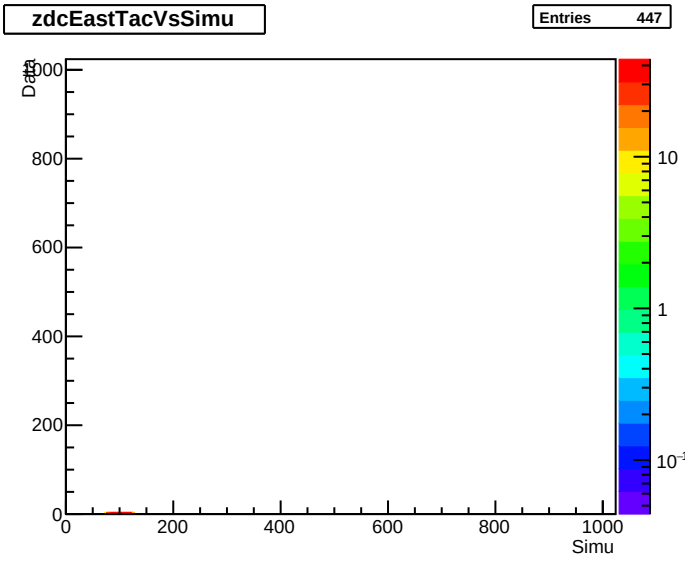

vpdWestAdcSum
Entries 338805

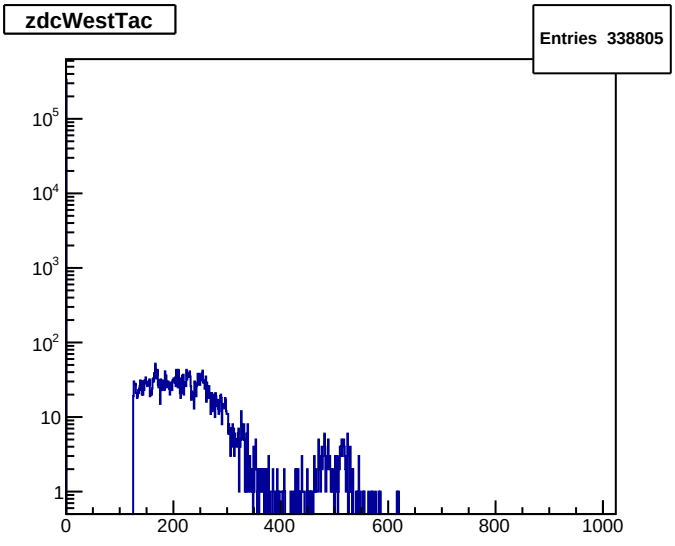

vpdWestAdcSumVsSimu
Entries 204587
Data
Simu

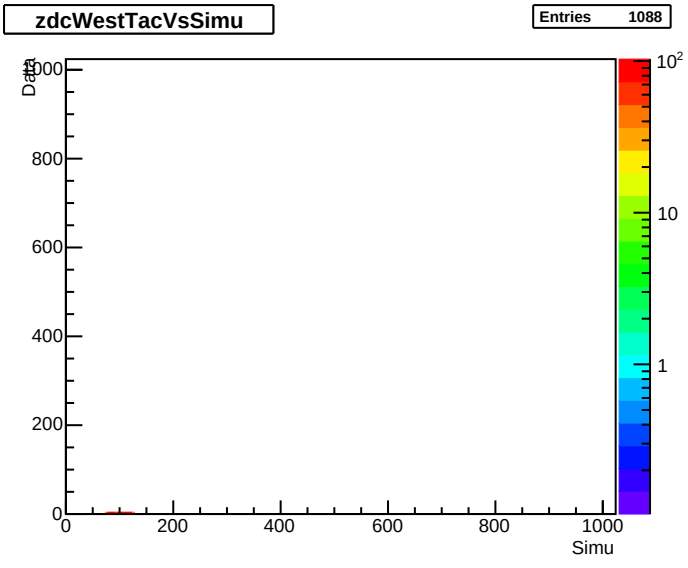

vpdWestTacMax
Entries 338805

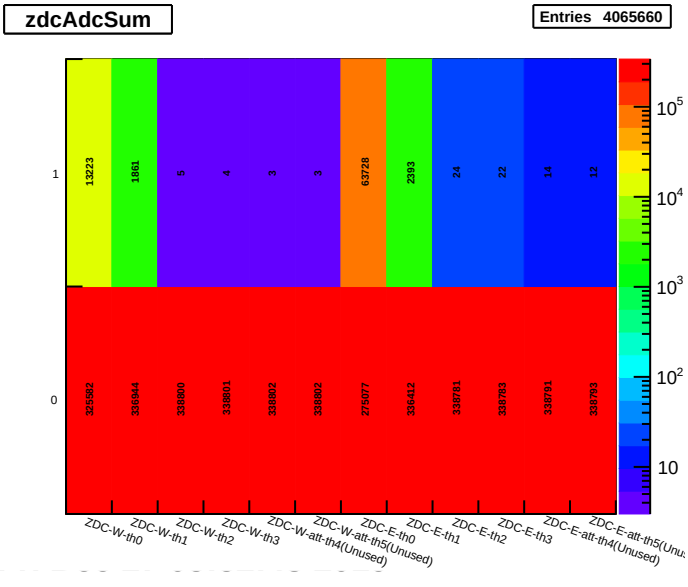

vpdWestTacMaxVsSimu
Entries 204587
Data
Simu

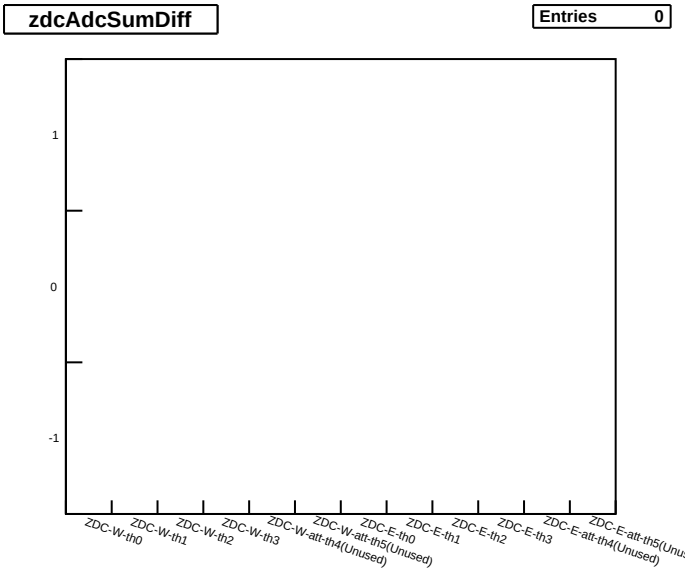

zdcEastTac
Entries 338805

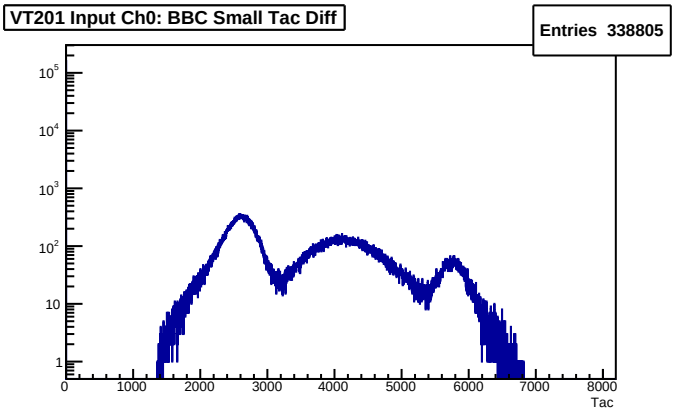

zdcEastTacVsSimu
Entries 447
Data
Simu

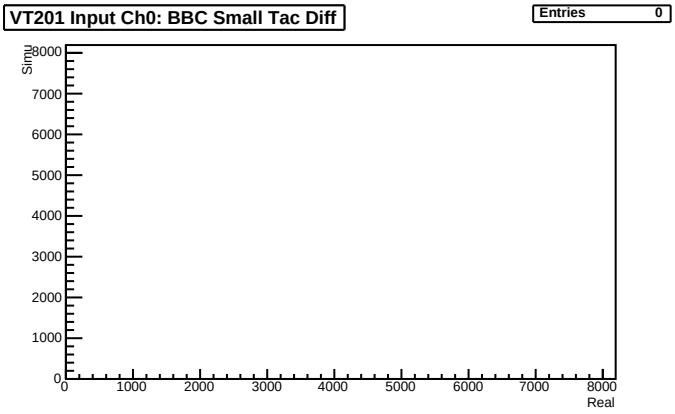

zdcWestTac
Entries 338805

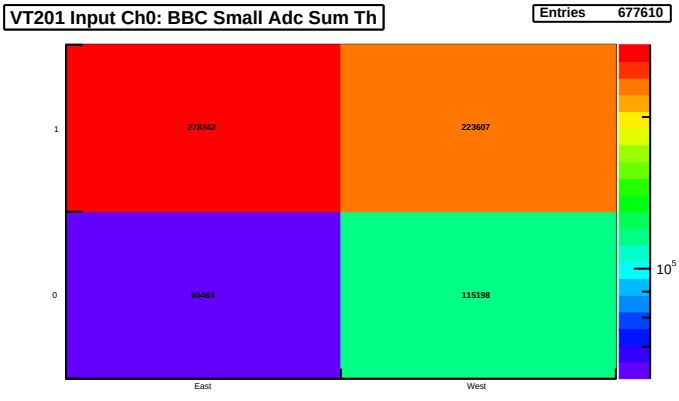

zdcWestTacVsSimu
Entries 1088
Data
Simu

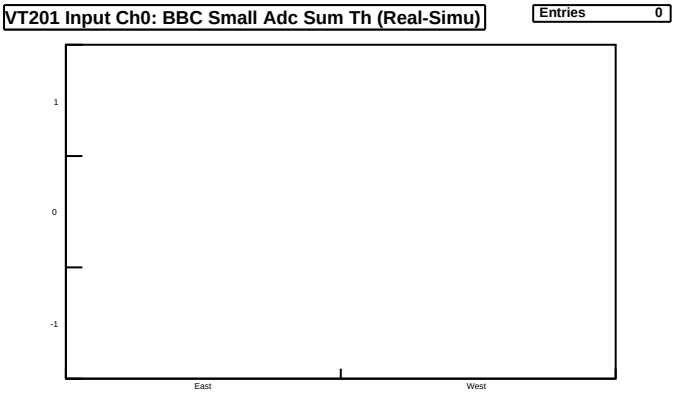

zdcAdcSum
Entries 4065660
13223
1861
5
4
3
3
63728
2393
24
22
14
12
325582
336944
338800
338801
338802
338802
275077
336412
338781
338793
338791
338793
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

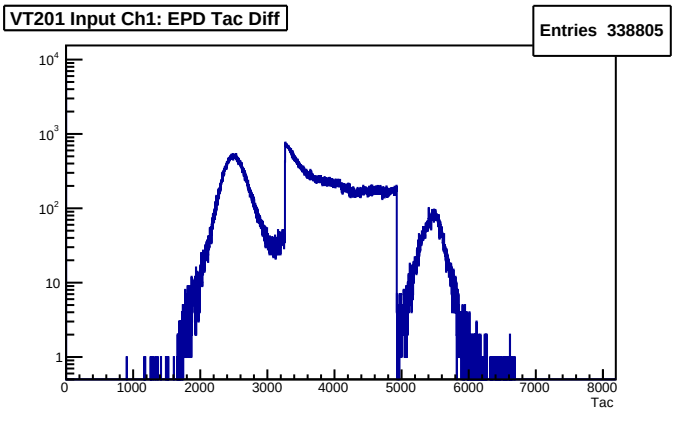

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

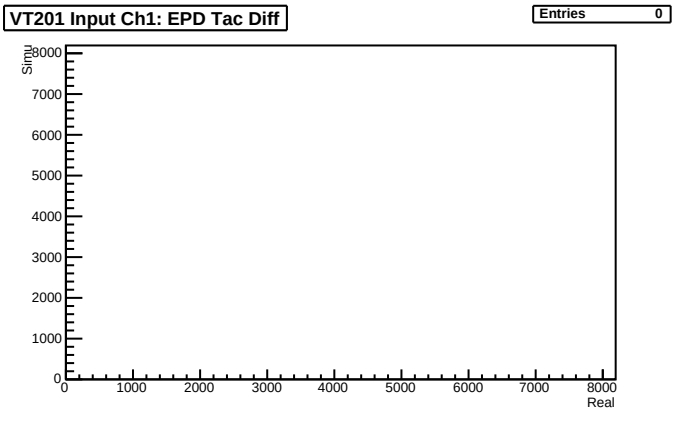

VT201 Input Ch0: BBC Small Tac Diff
Entries 338805
Tac

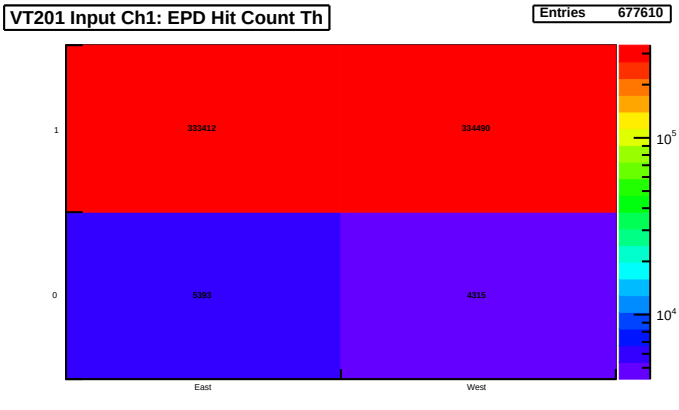

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

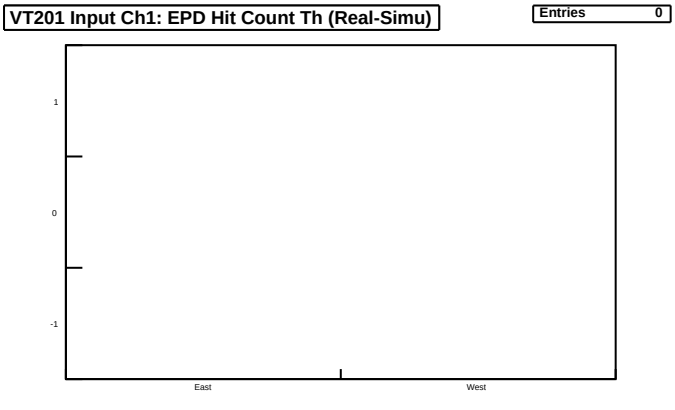

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 677610
278342
223607
60463
115198
East
West

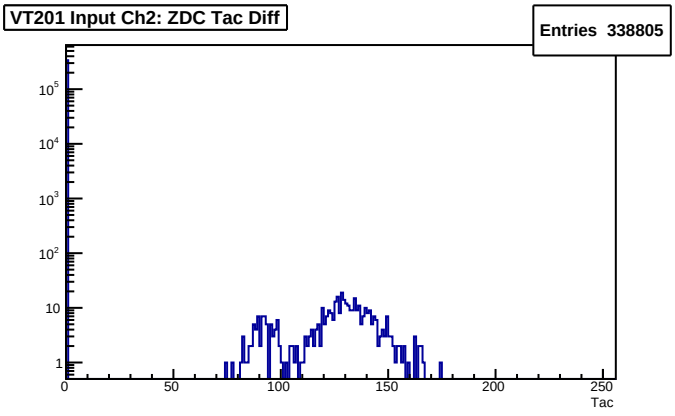

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

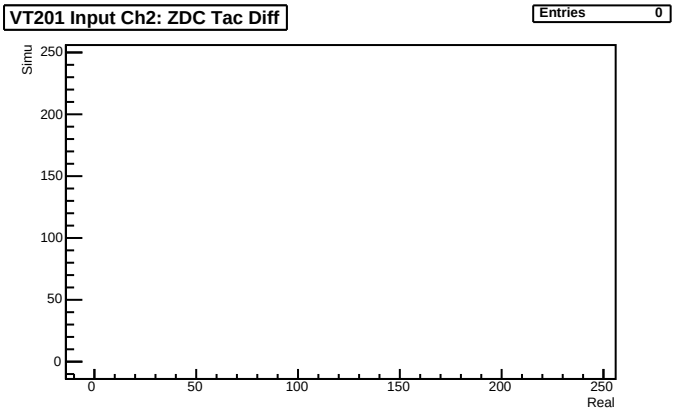

VT201 Input Ch1: EPD Tac Diff
Entries 338805
Tac

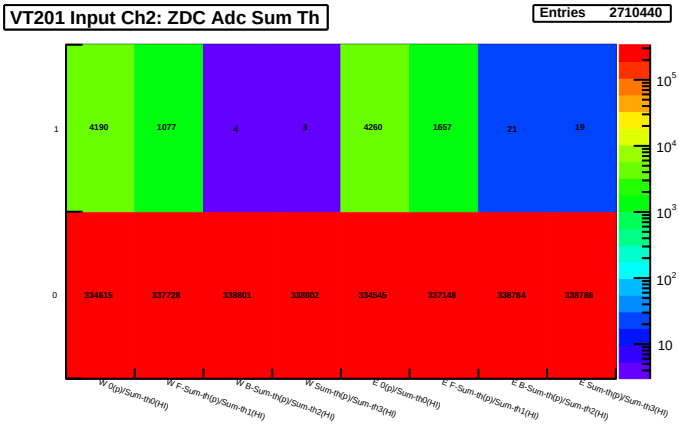

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

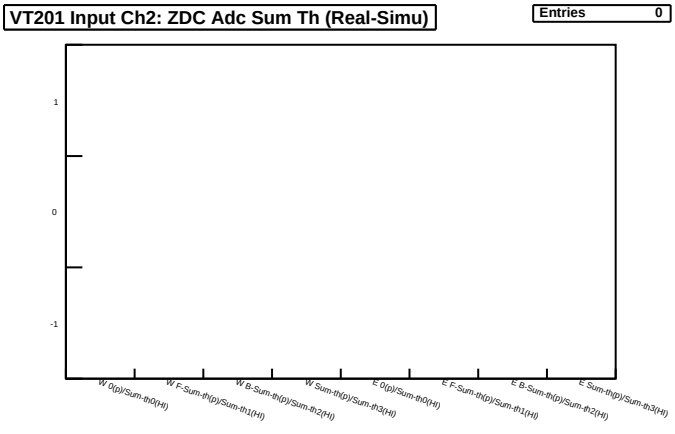

VT201 Input Ch1: EPD Hit Count Th
Entries 677610
333412
334490
5393
4315
East
West

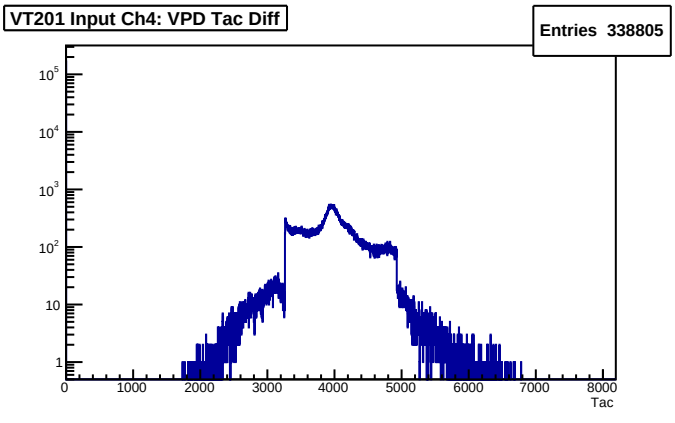

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

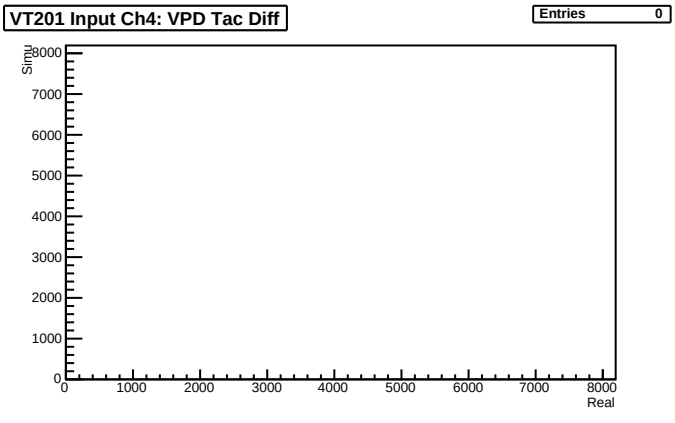

VT201 Input Ch2: ZDC Tac Diff
Entries 338805
Tac

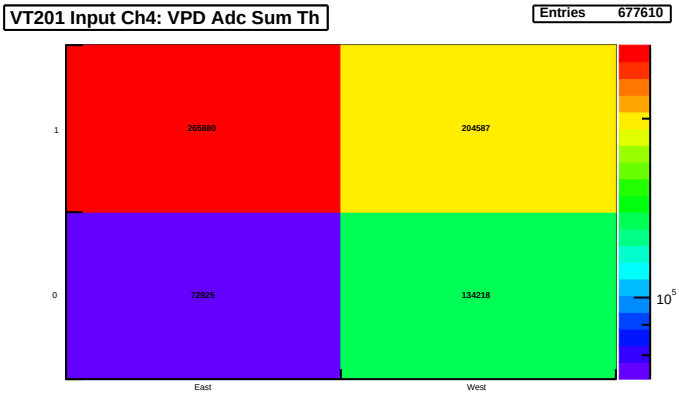

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

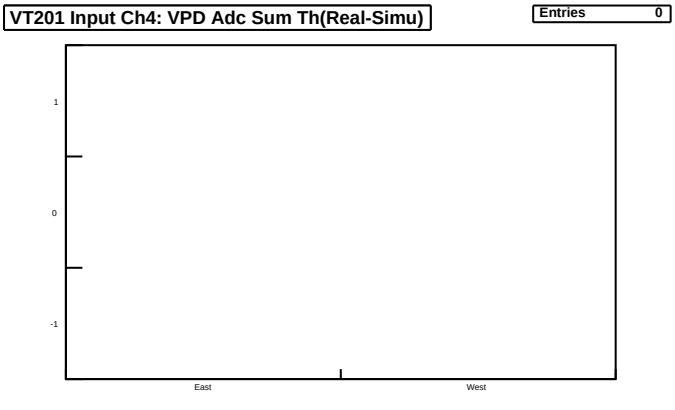

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2710440
4190
1077
4
3
4260
1657
21
19
334615
337728
338801
338802
334545
337148
338784
338786
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

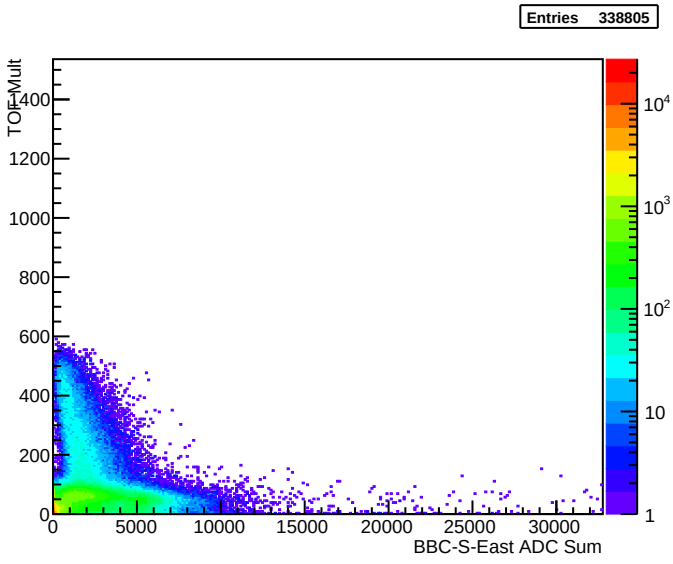

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

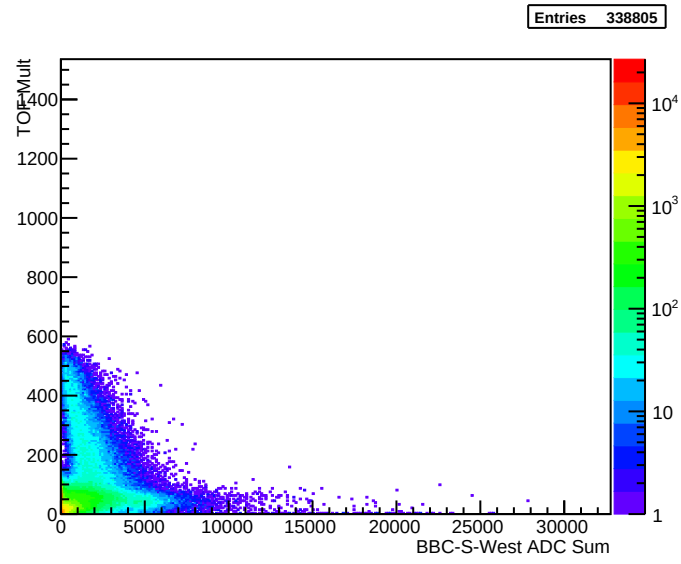

VT201 Input Ch4: VPD Tac Diff
Entries 338805
Tac

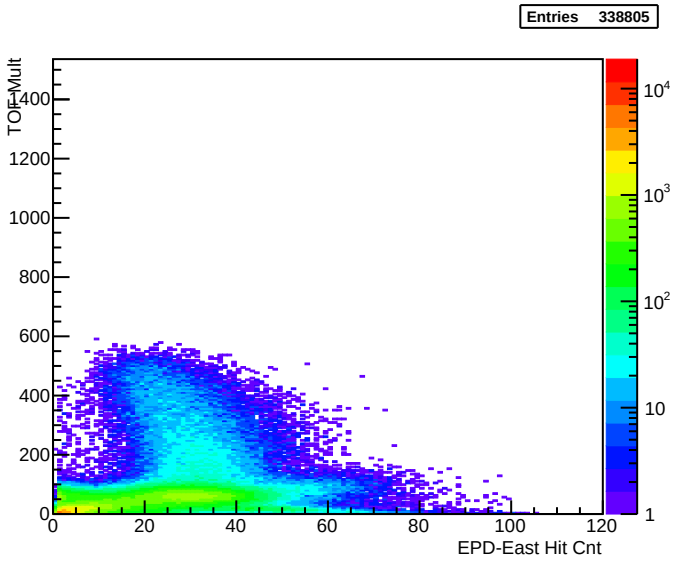

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

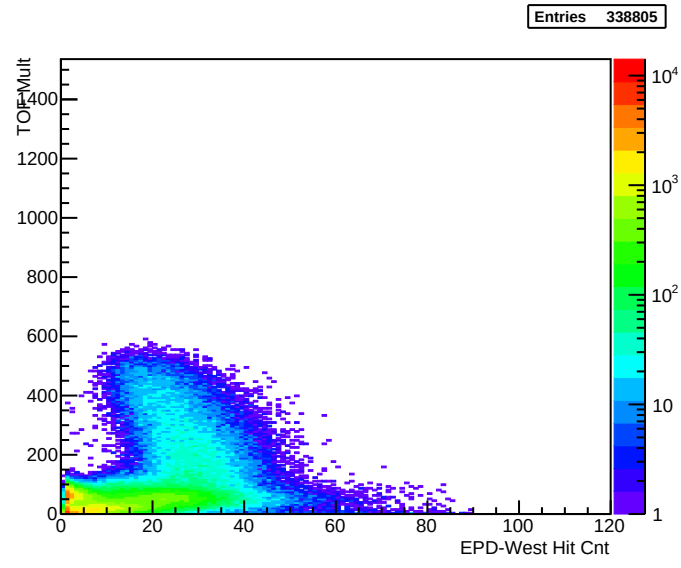

VT201 Input Ch4: VPD Adc Sum Th
Entries 677610
265880
204587
72925
134218
East
West

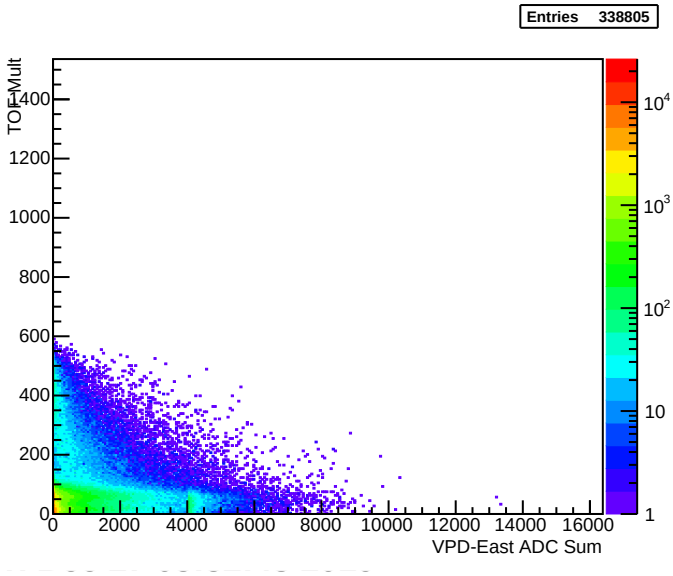

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

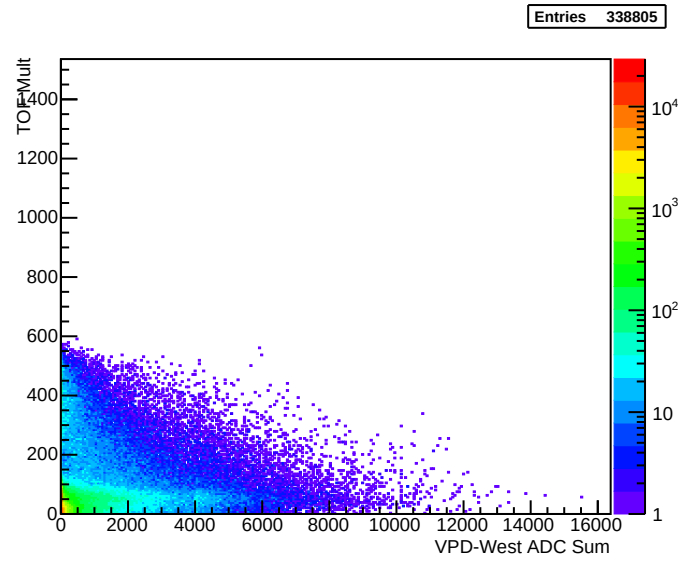

Entries 338805
TOF-Mult
BBC-S-East ADC Sum

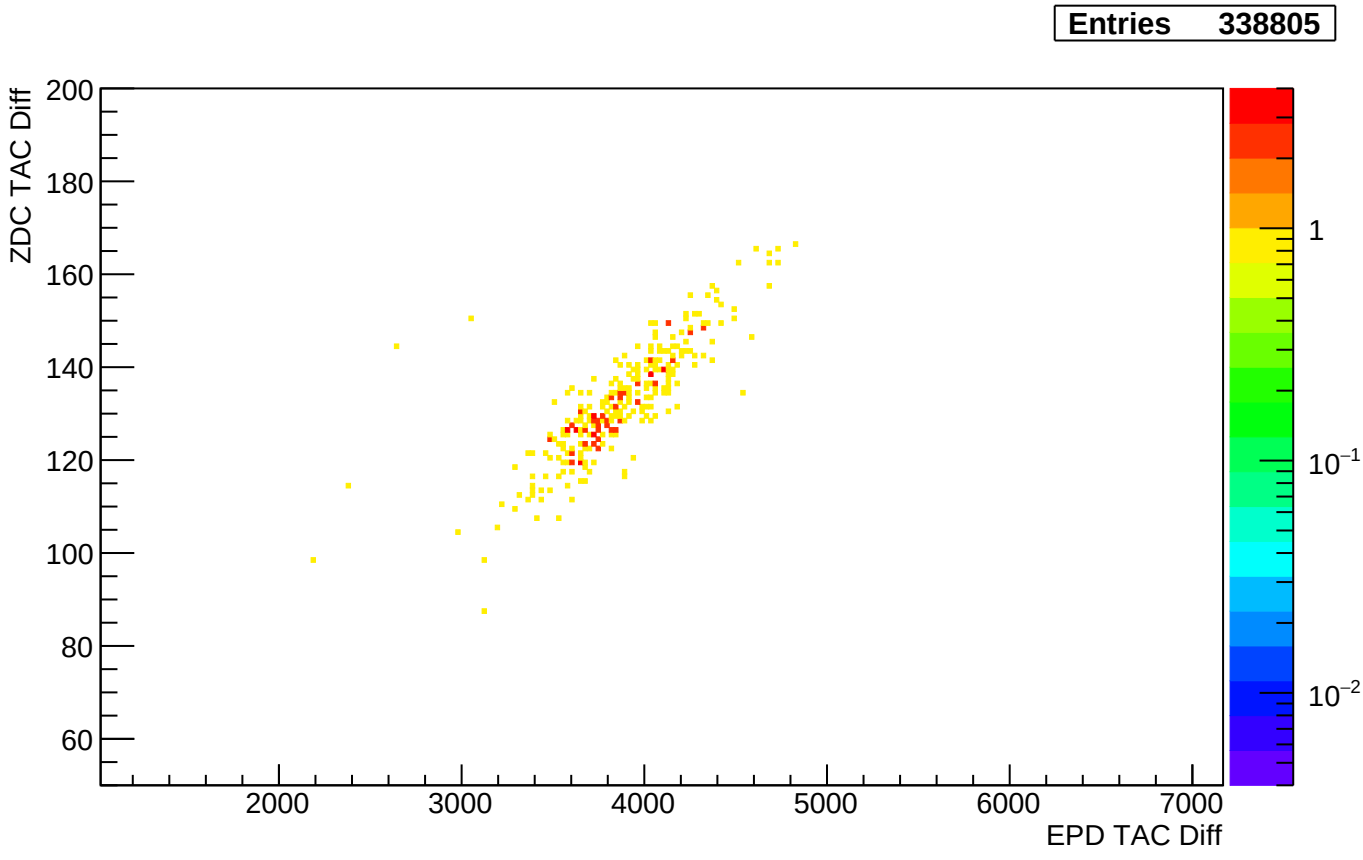

Entries 338805
TOF-Mult
BBC-S-West ADC Sum

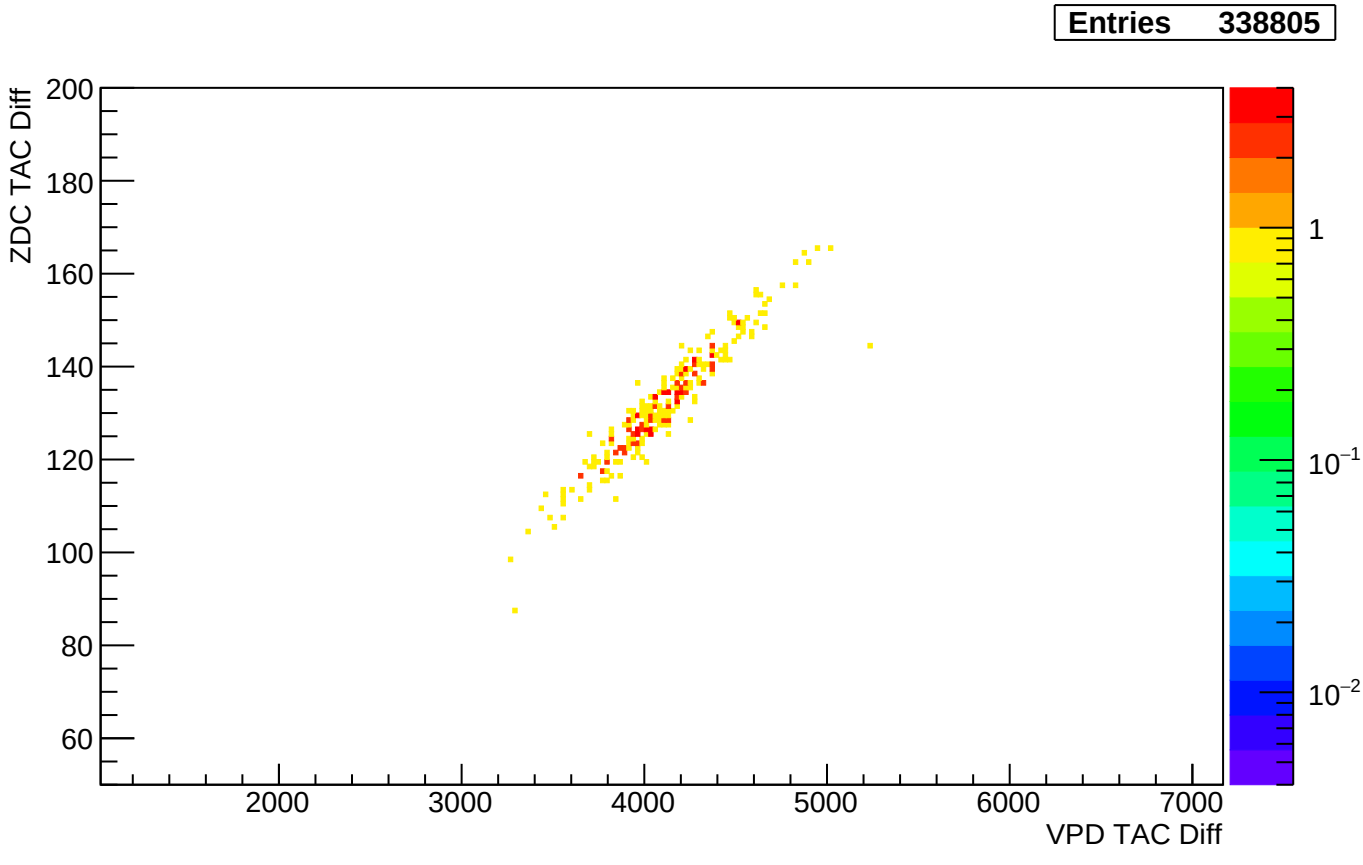

Entries 338805
TOF-Mult
EPD-East Hit Cnt

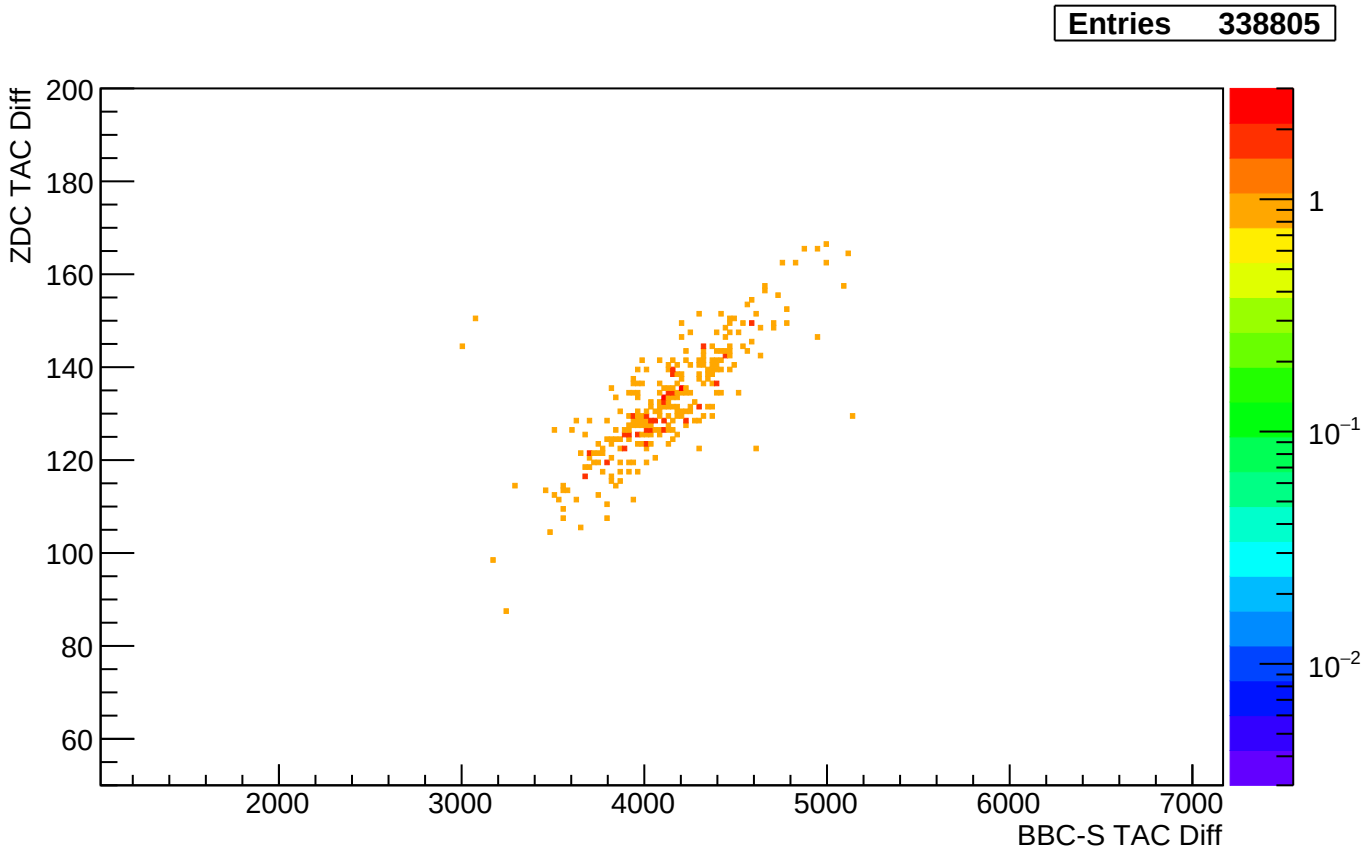

Entries 338805
TOF-Mult
EPD-West Hit Cnt

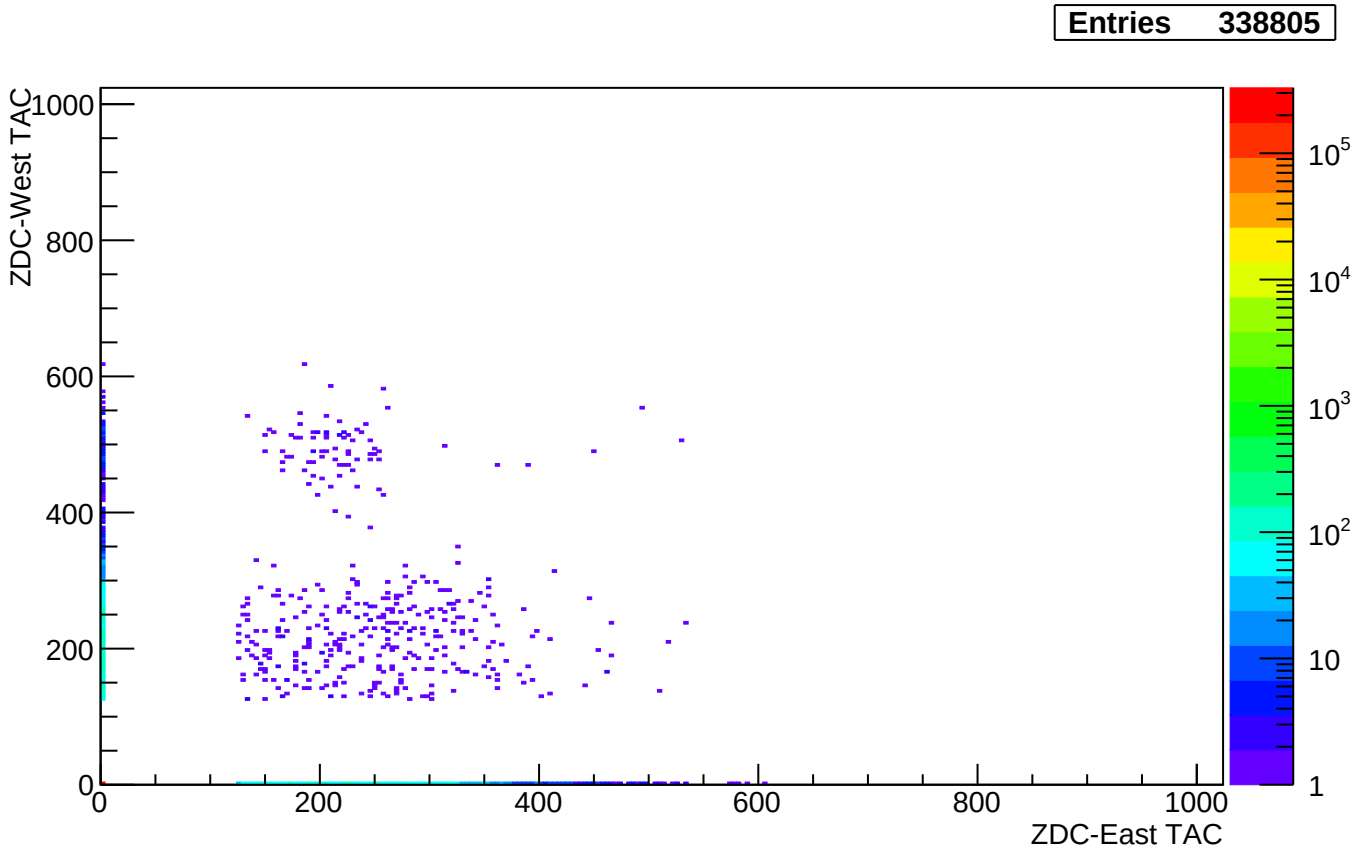

Entries 338805
TOF-Mult
VPD-East ADC Sum

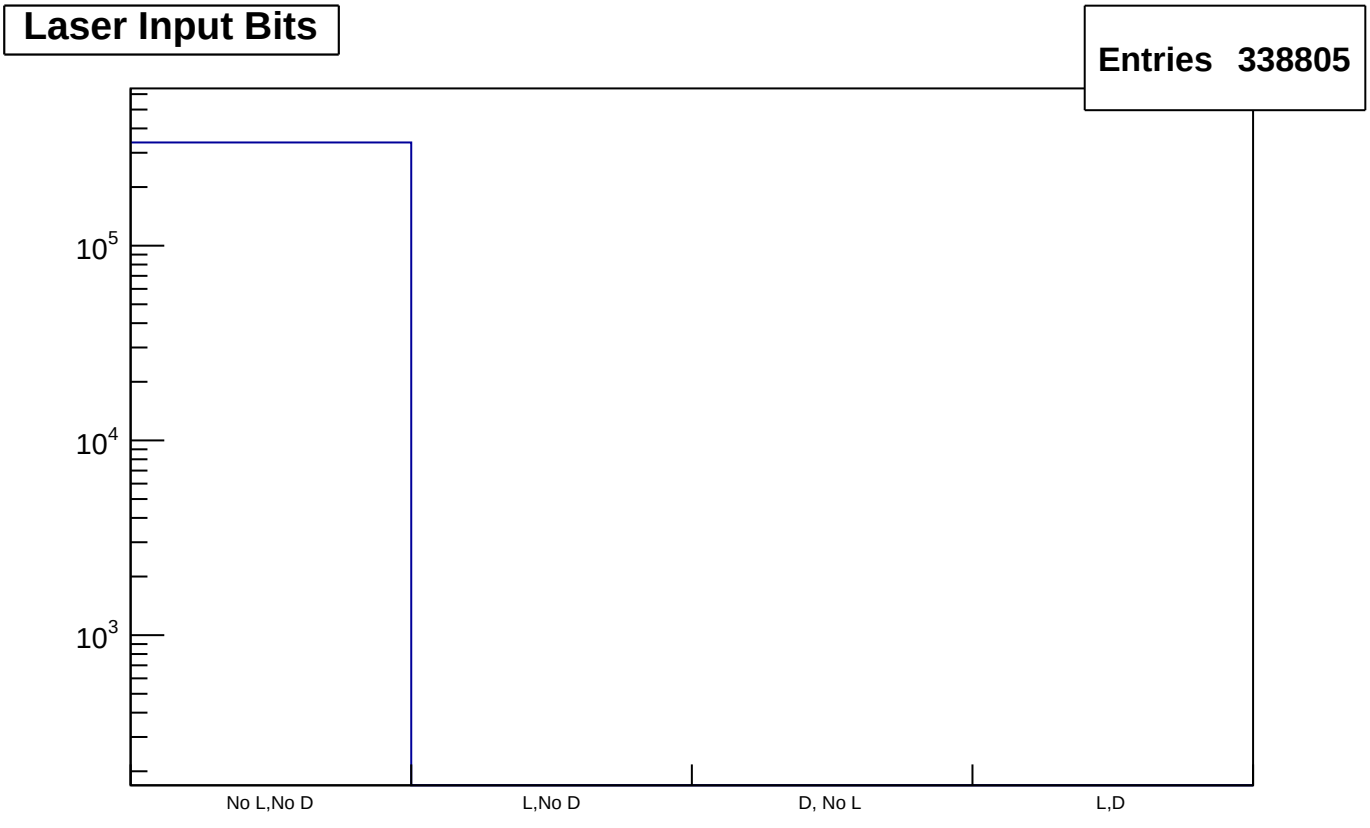

Entries 338805
TOF-Mult
VPD-West ADC Sum

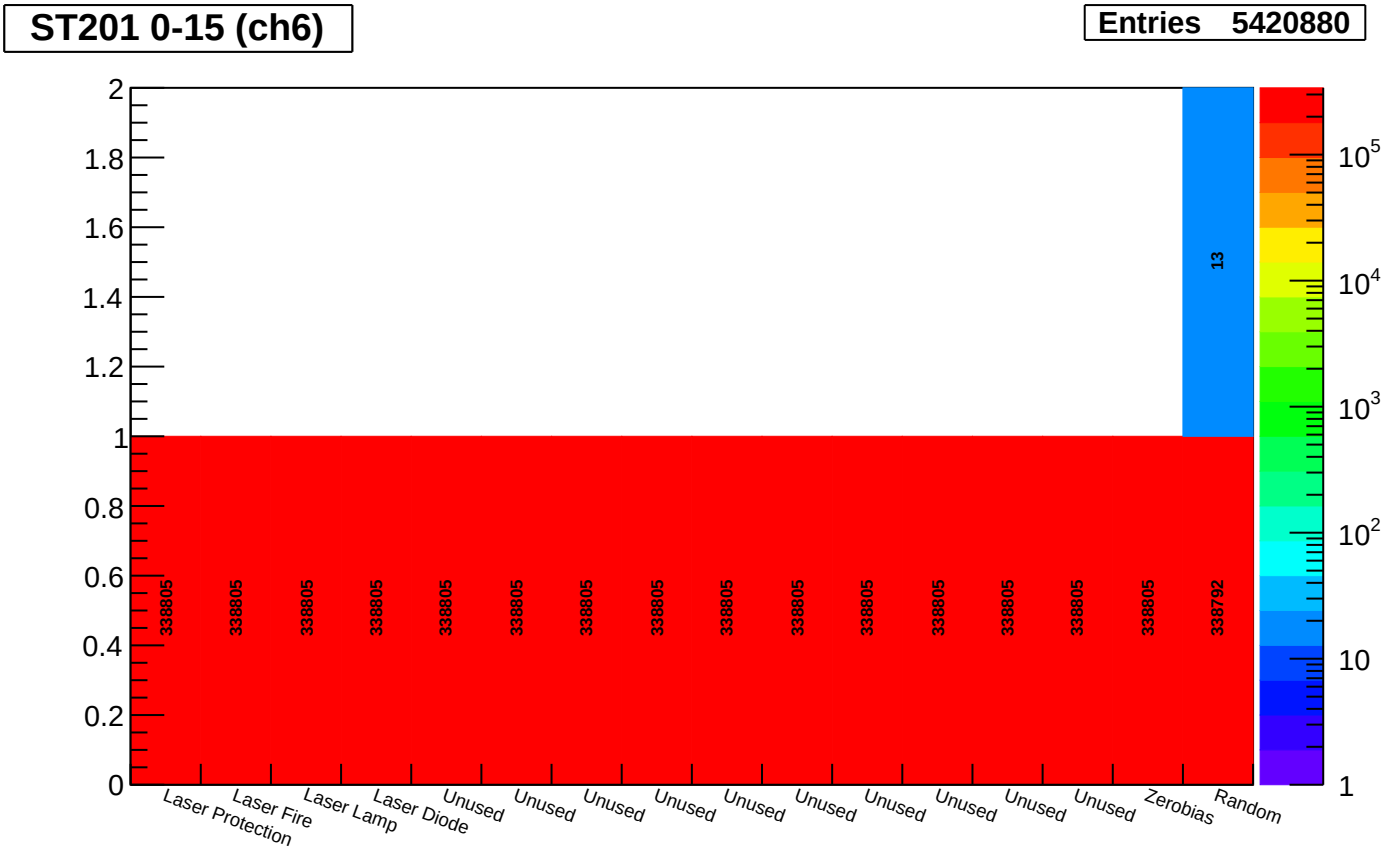

Entries 338805
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

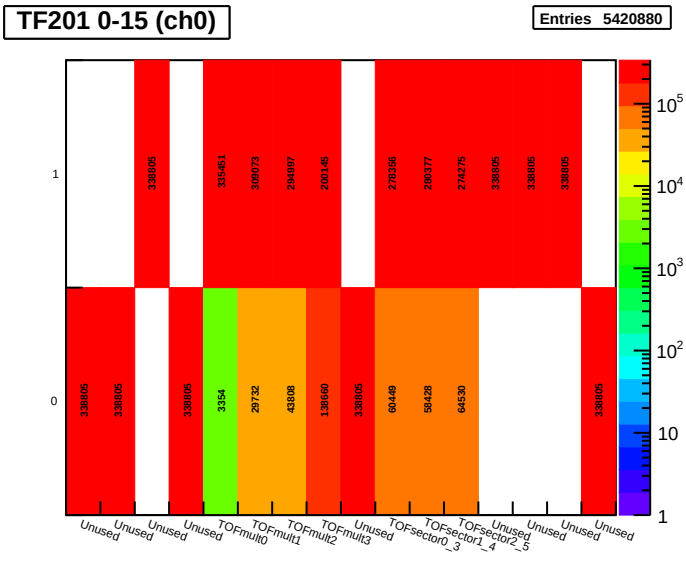

Entries 338805
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

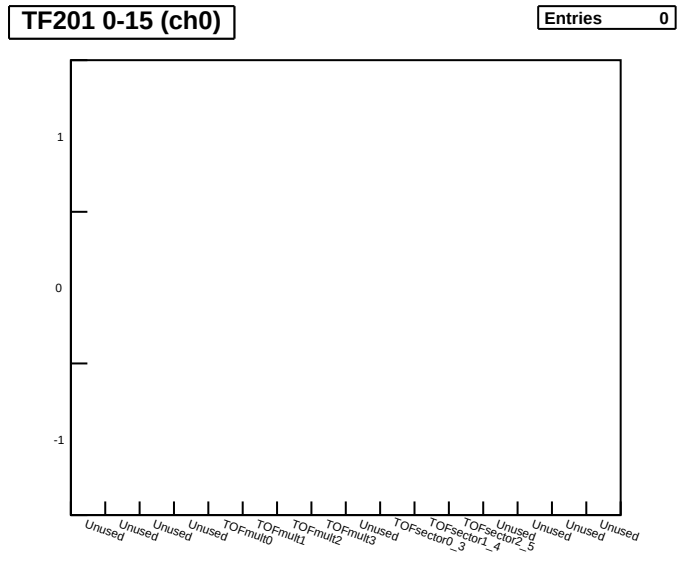

Entries 338805
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

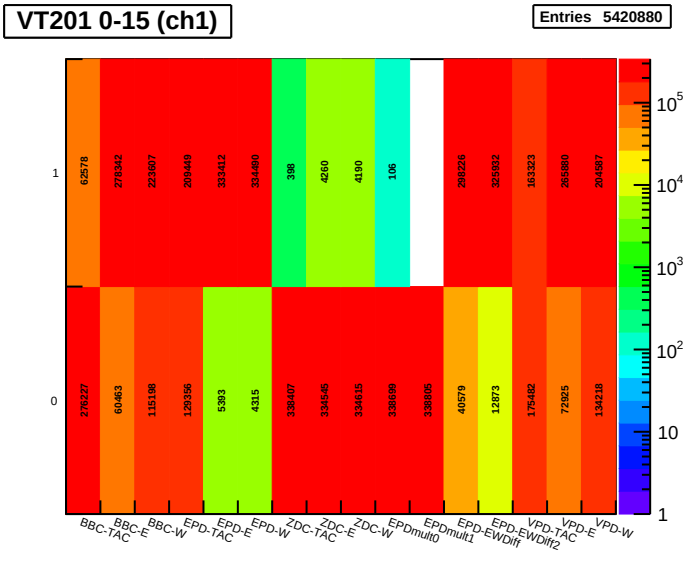

Entries 338805
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

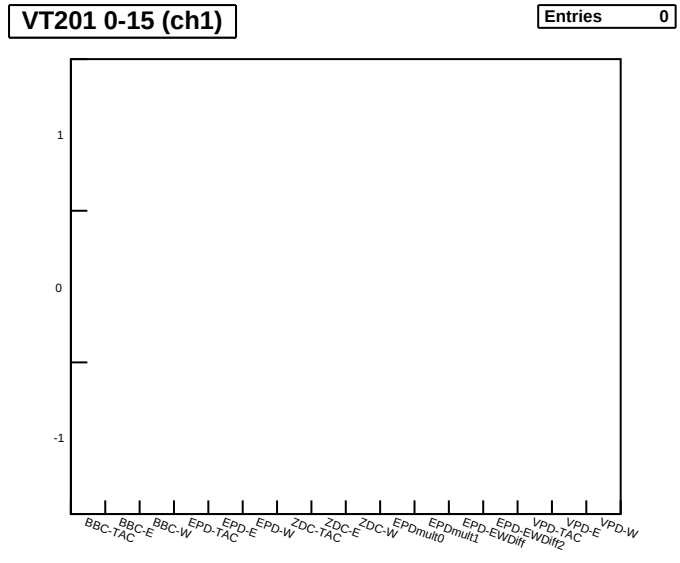

Laser Input Bits
Entries 338805
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

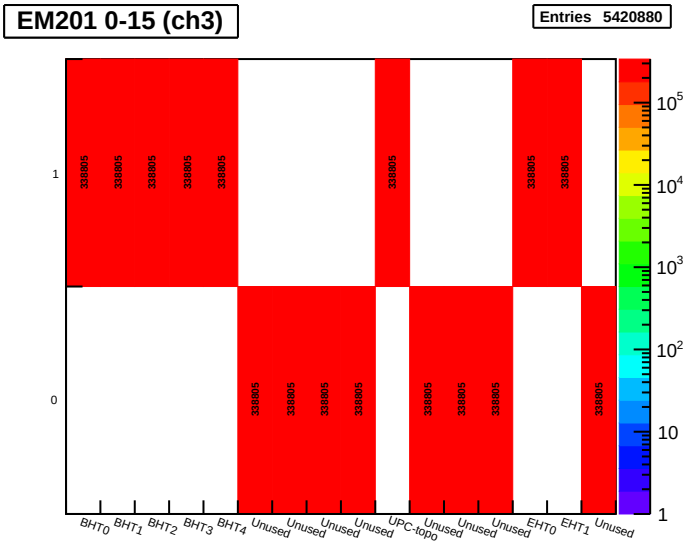

ST201 0-15 (ch6)
Entries 5420880
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
338805
338805
338805
338805
338805
338805
338805
338805
338805
338805
338805
338805
338805
338805
338805
338792
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

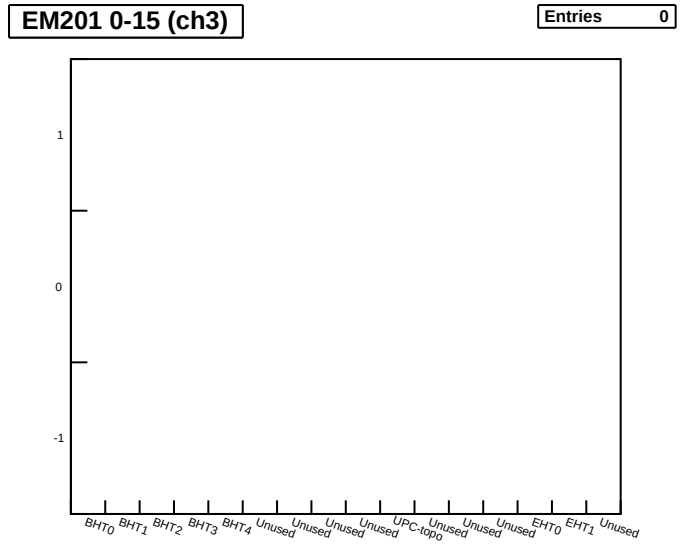

TF201 0-15 (ch0)
Entries 5420880
1
0
338805 335451 309073 294997 290145 278356 290377 274275 338805 338805 338805
338805 338805 338805 3354 29732 43808 138660 338805 60449 58428 64530 338805
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 5420880
1
0
62578 278342 223607 209449 333412 334480 398 4260 4190 106 298226 325932 163323 265880 204387
276227 60463 115198 129356 5393 4315 338407 334545 334615 338699 338805 40579 12873 175482 72925 134218
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff 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 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 5420880
1
0
338805 338805 338805 338805 338805 338805 338805 338805
338805 338805 338805 338805 338805 338805 338805 338805
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