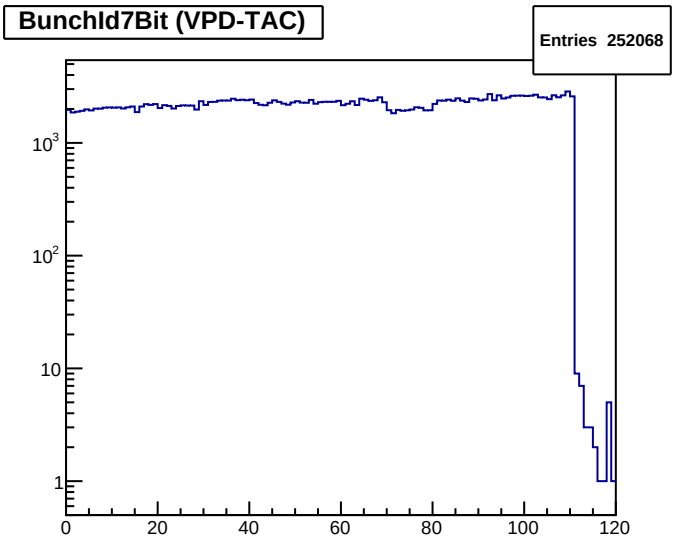
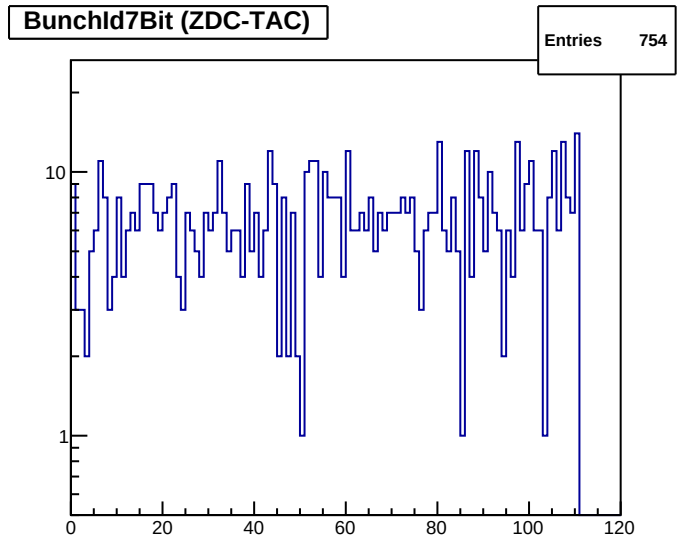
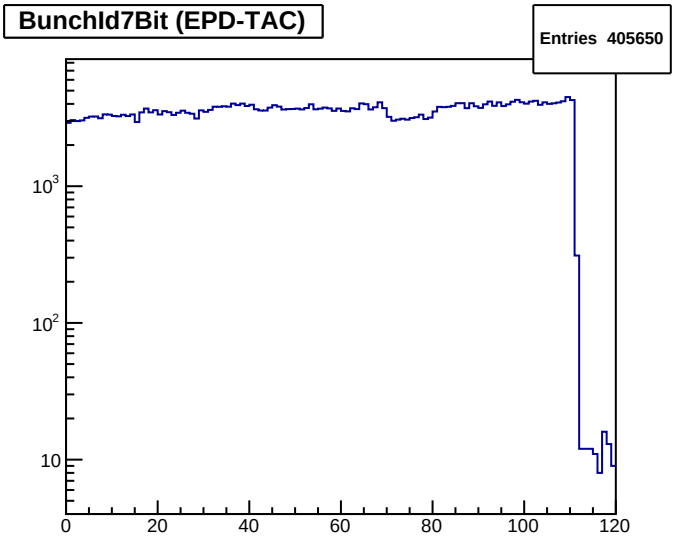
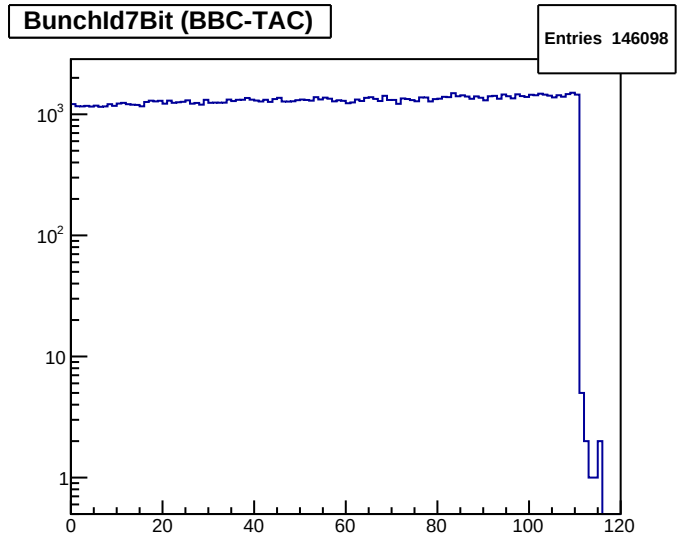
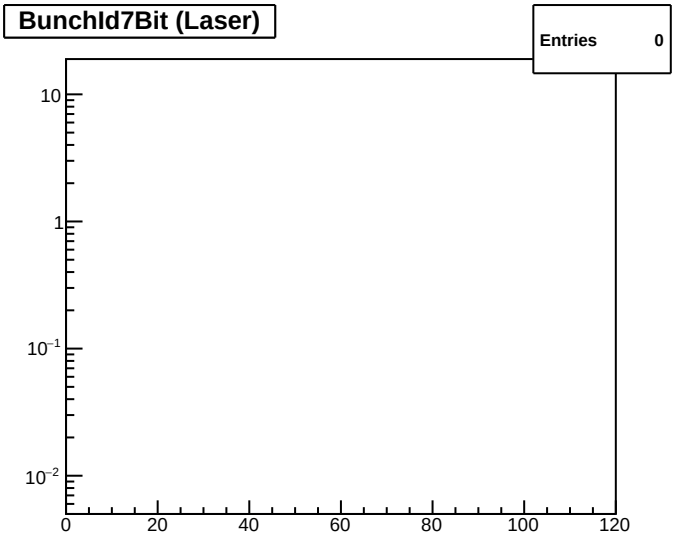
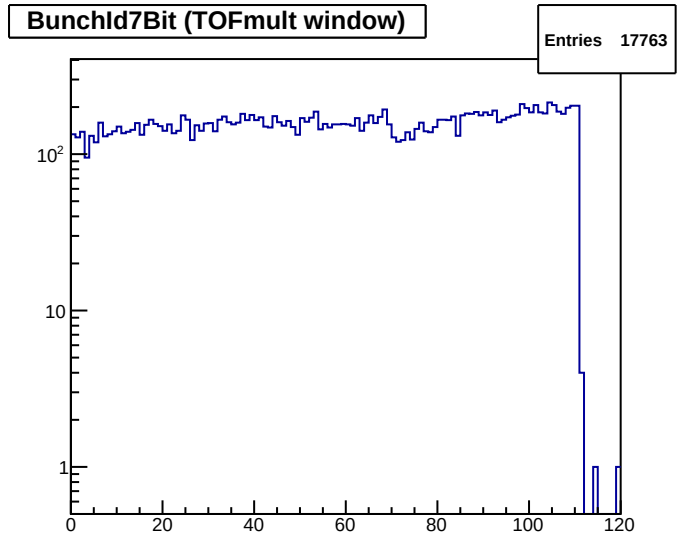

BunchId7Bit (VPD-TAC)
Entries 252068

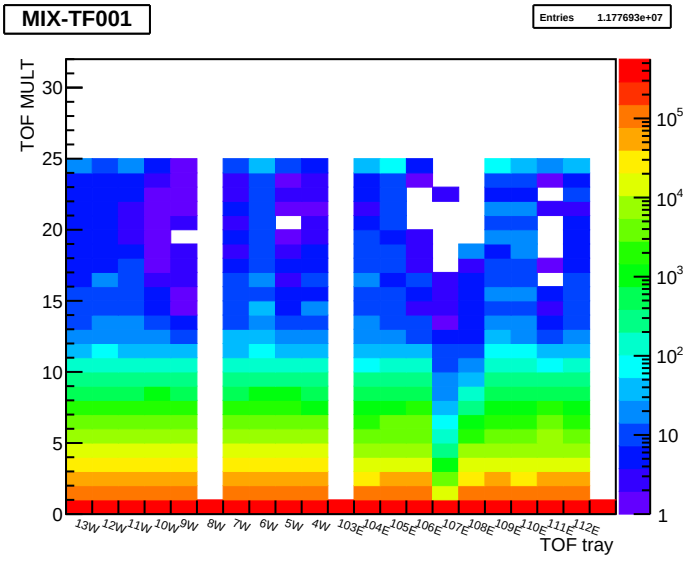

BunchId7Bit (ZDC-TAC)
Entries 754

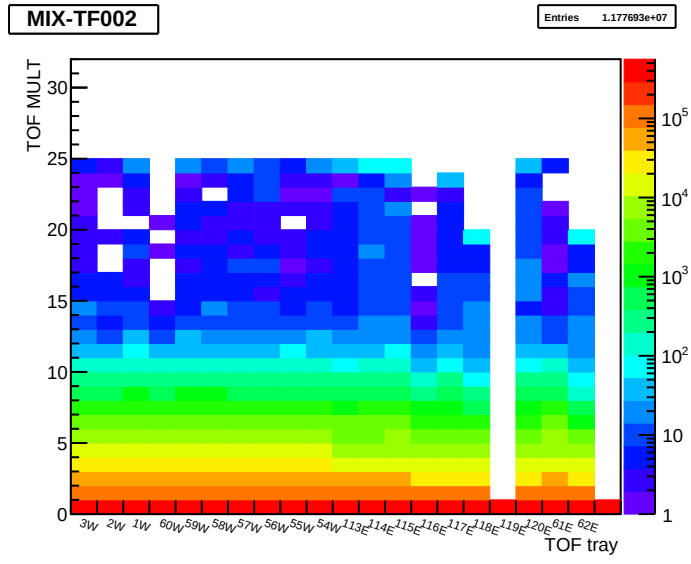

BunchId7Bit (EPD-TAC)
Entries 405650

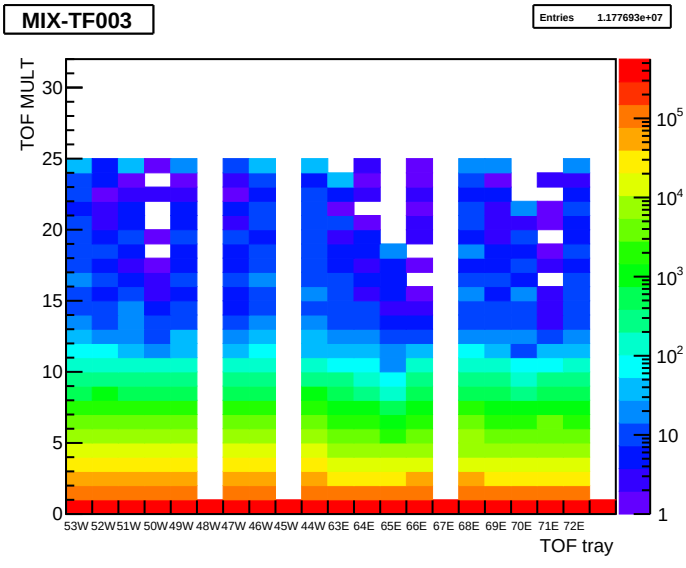

BunchId7Bit (BBC-TAC)
Entries 146098

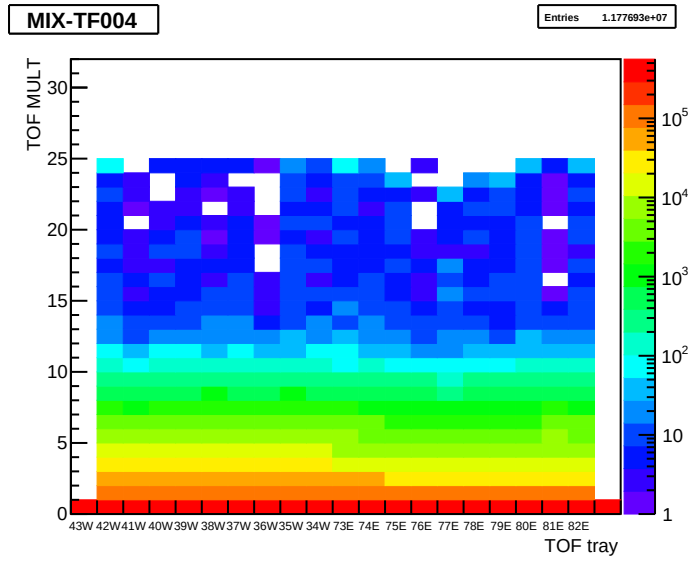

BunchId7Bit (Laser)
Entries 0

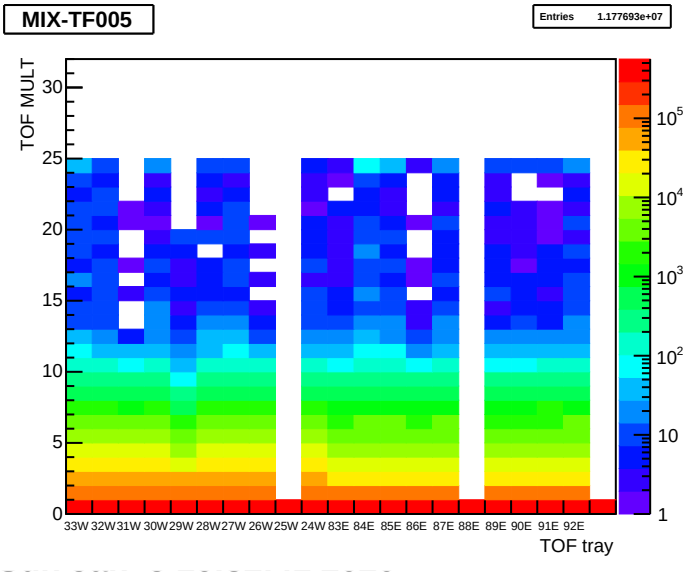

BunchId7Bit (TOFmult window)
Entries 17763

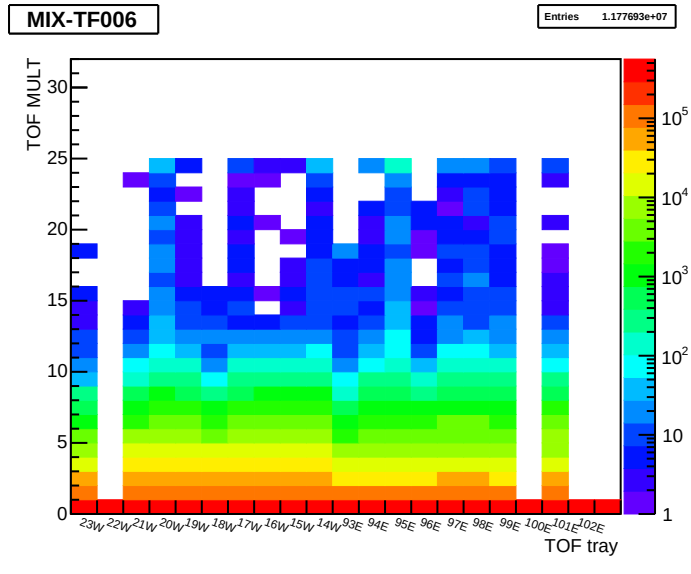

MIX-TF001
Entries 1.177693e+07
TOF MULT
TOF tray

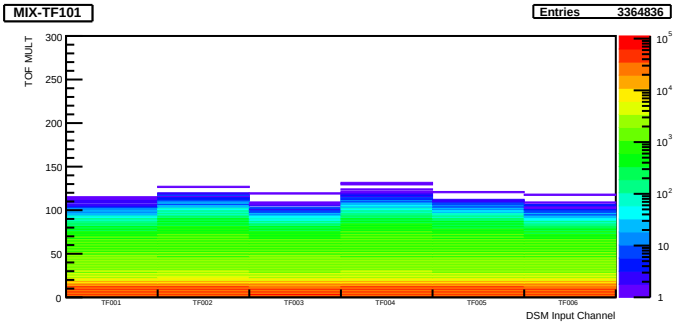

MIX-TF002
Entries 1.177693e+07
TOF MULT
TOF tray

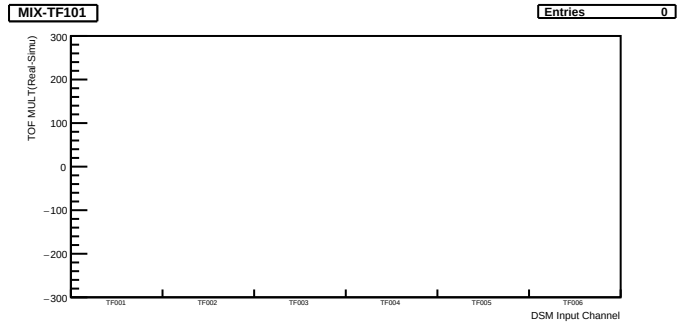

MIX-TF003
Entries 1.177693e+07
TOF MULT
TOF tray

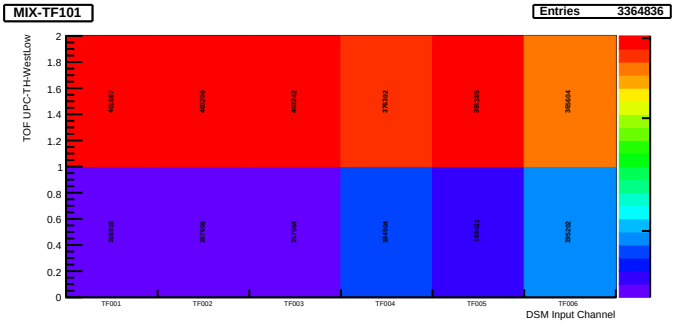

MIX-TF004
Entries 1.177693e+07
TOF MULT
TOF tray

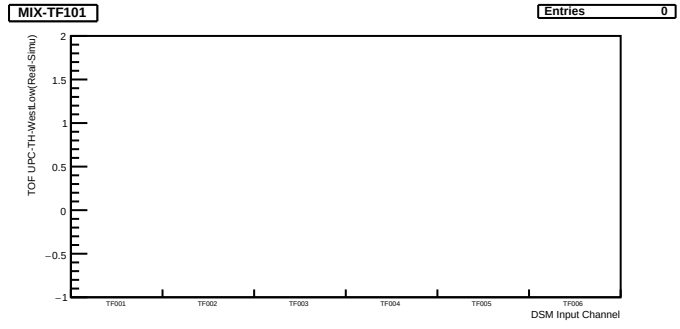

MIX-TF005
Entries 1.177693e+07
TOF MULT
TOF tray

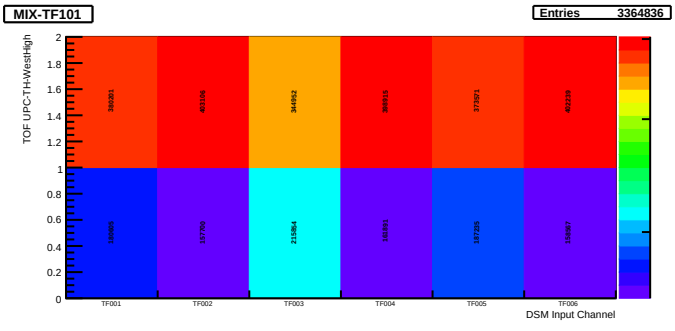

MIX-TF006
Entries 1.177693e+07
TOF MULT
TOF tray

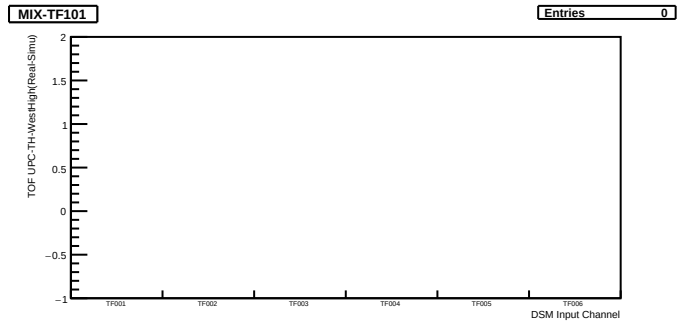

MIX-TF101
Entries 3364836
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

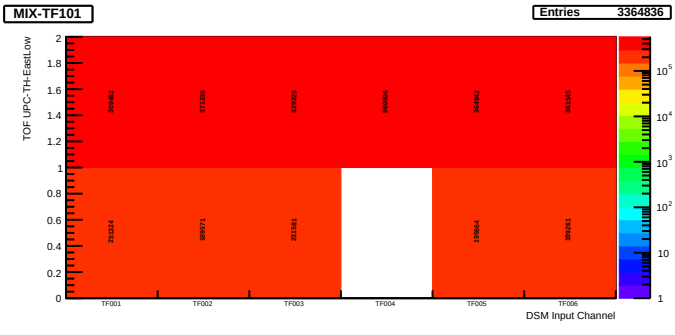

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

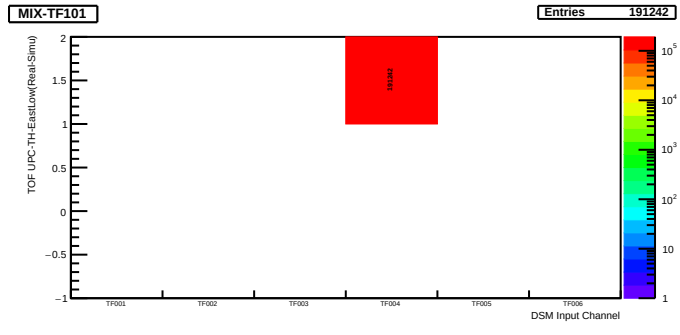

MIX-TF101
Entries 3364836
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

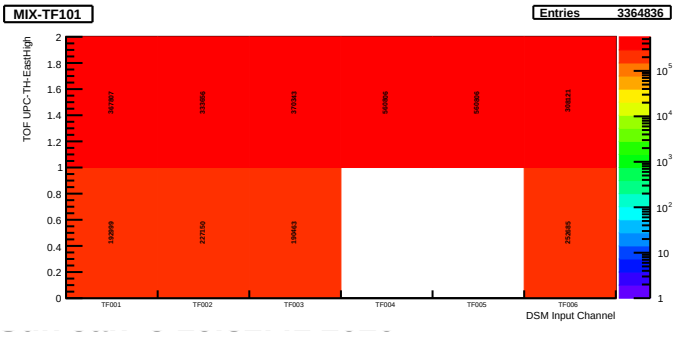

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

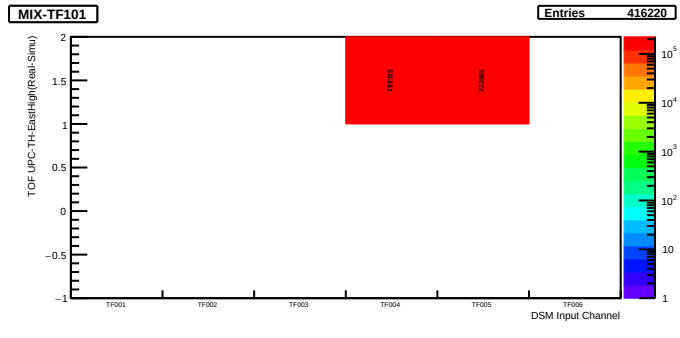

MIX-TF101
Entries 3364836
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

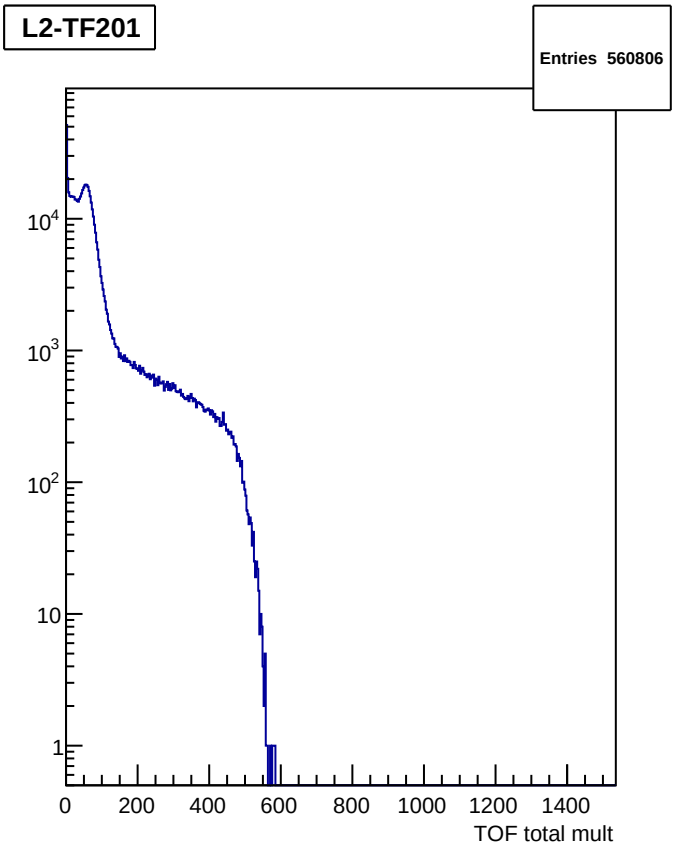

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

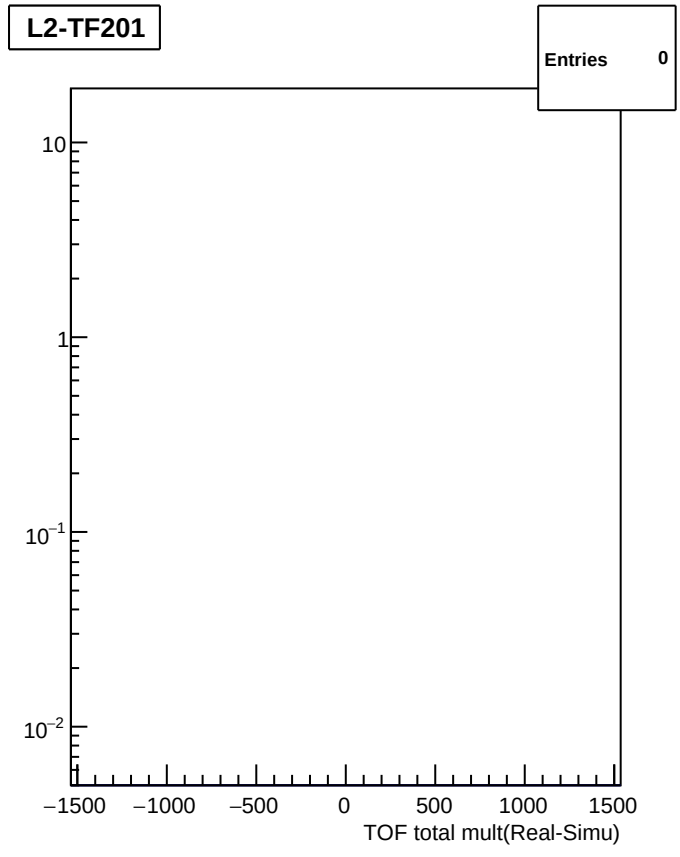

MIX-TF101
Entries 3364836
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

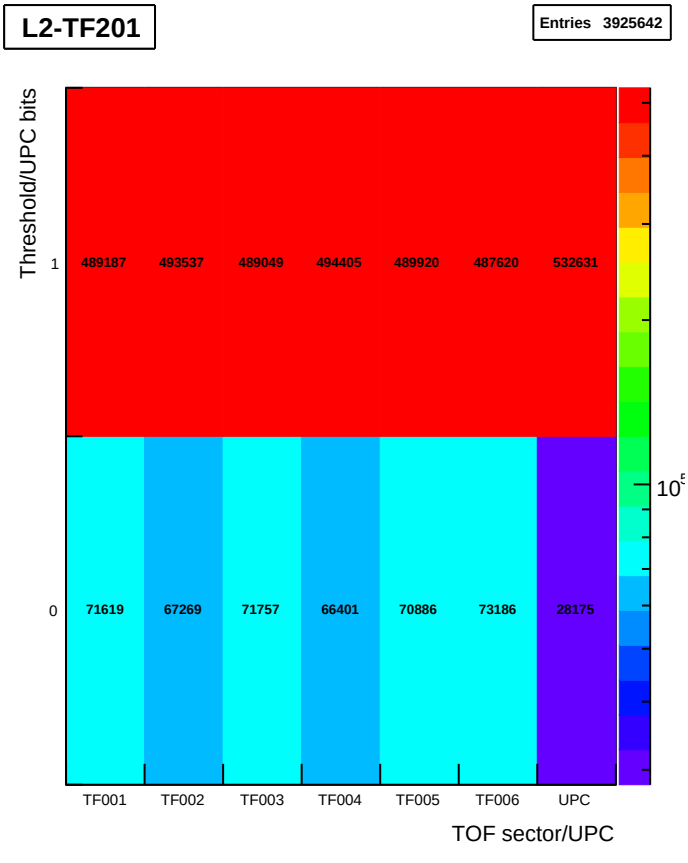

MIX-TF101
Entries 191242
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

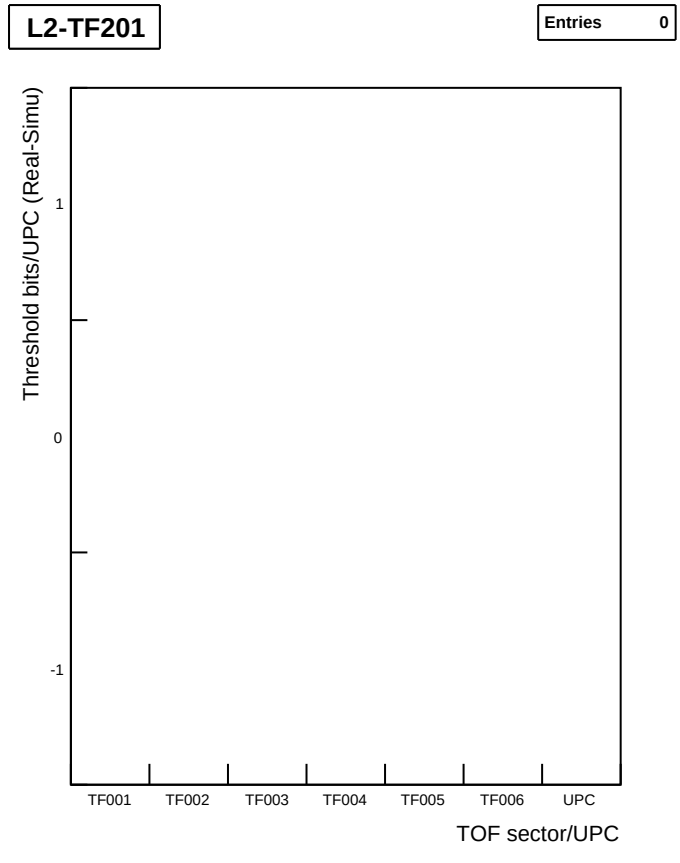

MIX-TF101
Entries 3364836
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

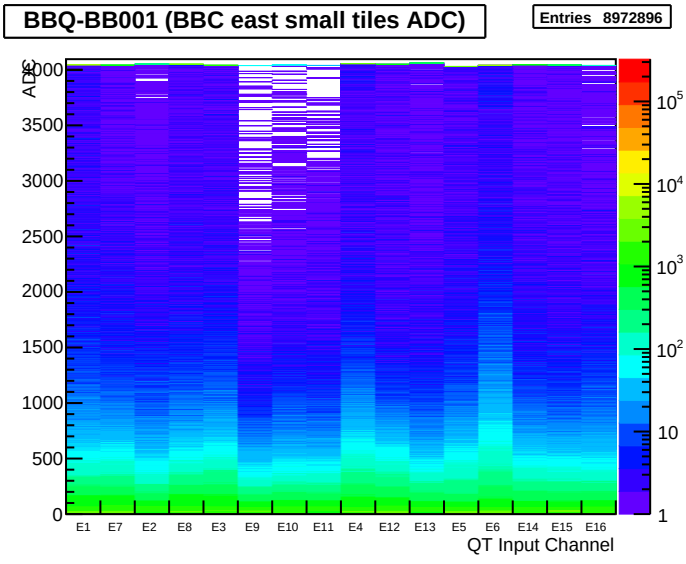

MIX-TF101
Entries 416220
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

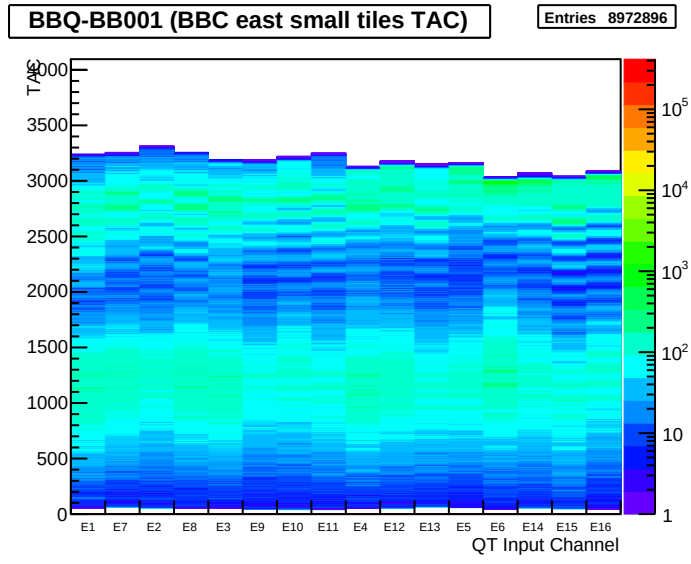

L2-TF201
Entries 560806
TOF total mult

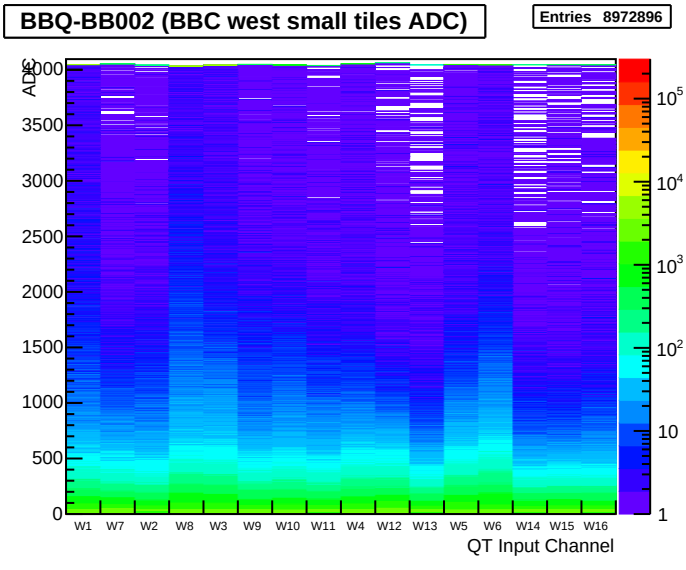

L2-TF201
Entries 0
TOF total mult(Real-Simu)

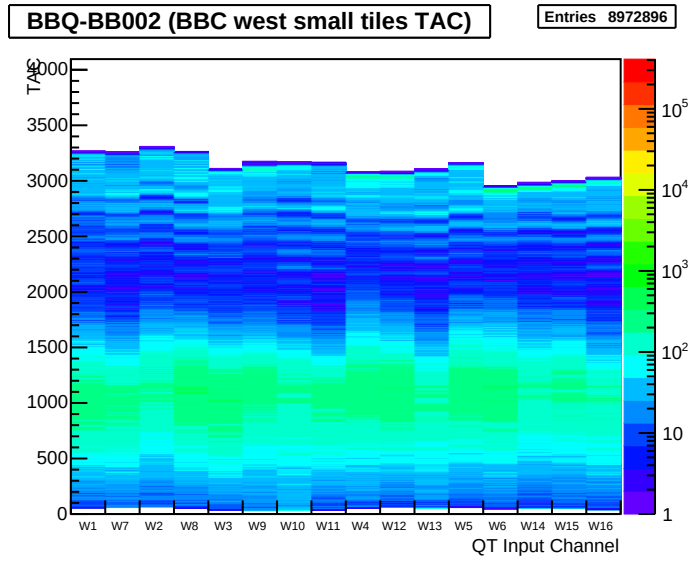

L2-TF201
Entries 3925642
Threshold/UPC bits
489187
493537
489049
494405
489920
487620
532631
71619
67269
71757
66401
70886
73186
28175
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

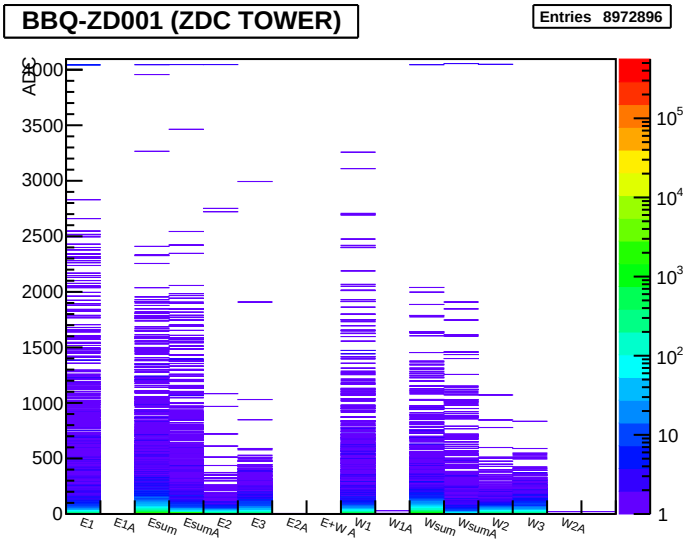

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

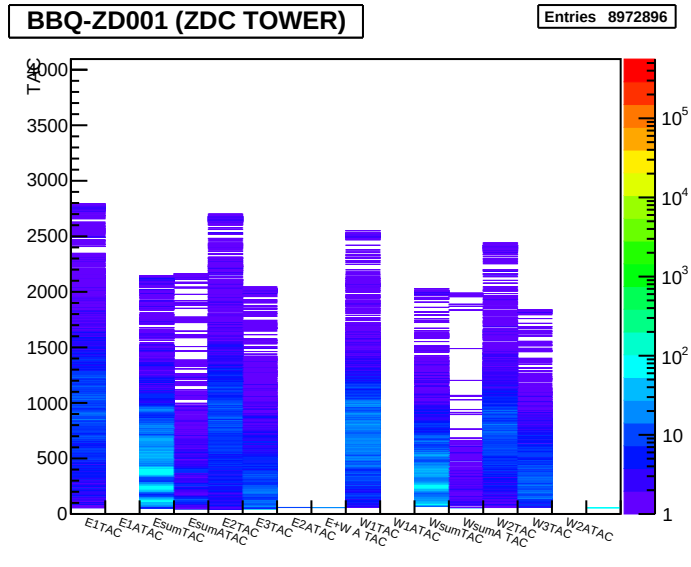

BBQ-BB001 (BBC east small tiles ADC)
Entries 8972896
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

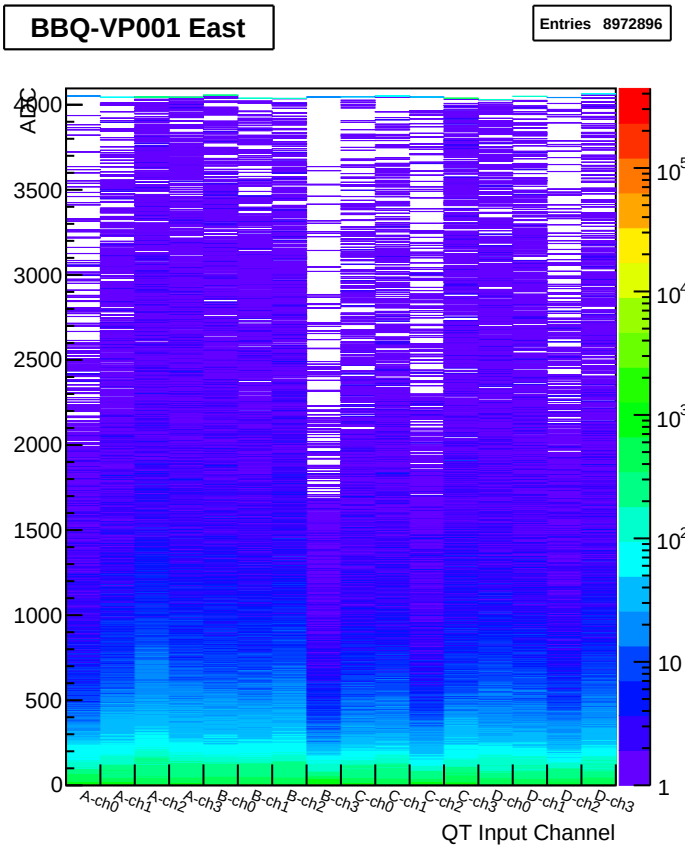

BBQ-BB001 (BBC east small tiles TAC)
Entries 8972896
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

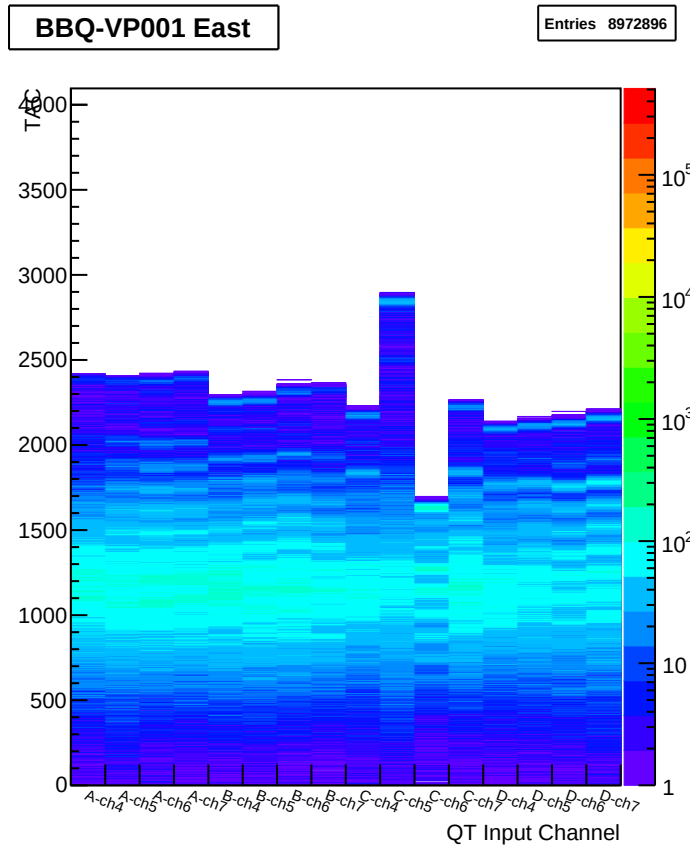

BBQ-BB002 (BBC west small tiles ADC)
Entries 8972896
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

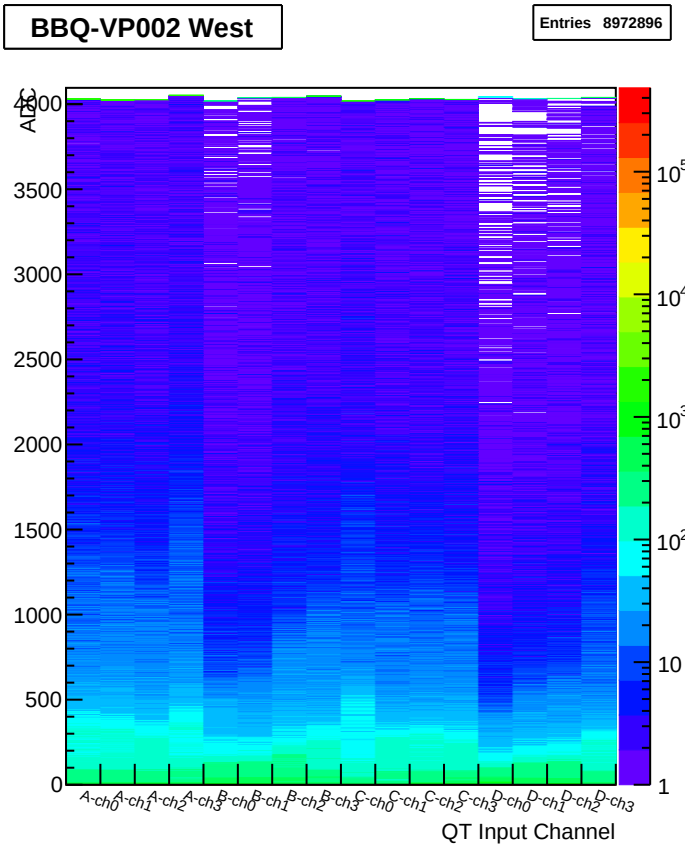

BBQ-BB002 (BBC west small tiles TAC)
Entries 8972896
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

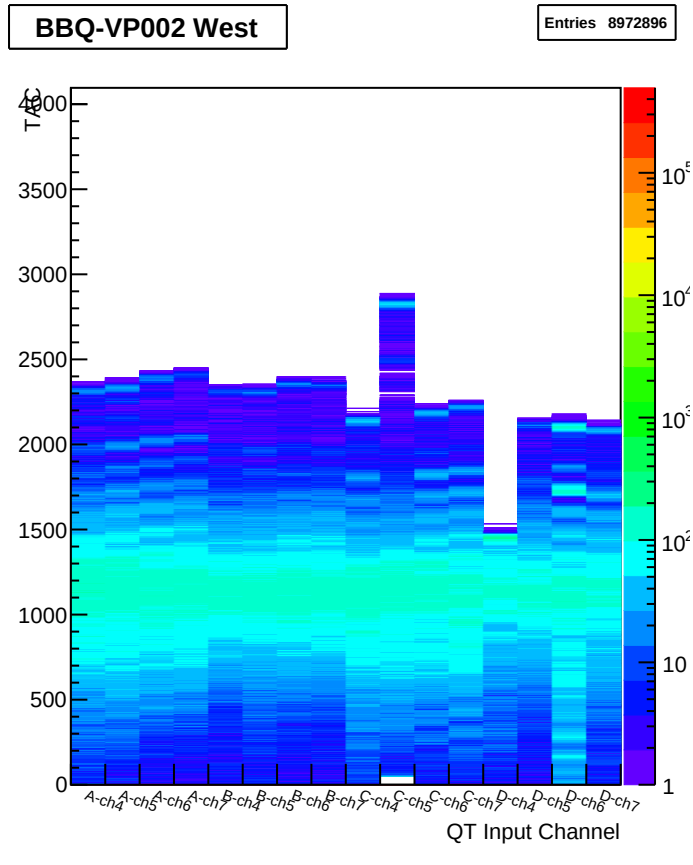

BBQ-ZD001 (ZDC TOWER)
Entries 8972896
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

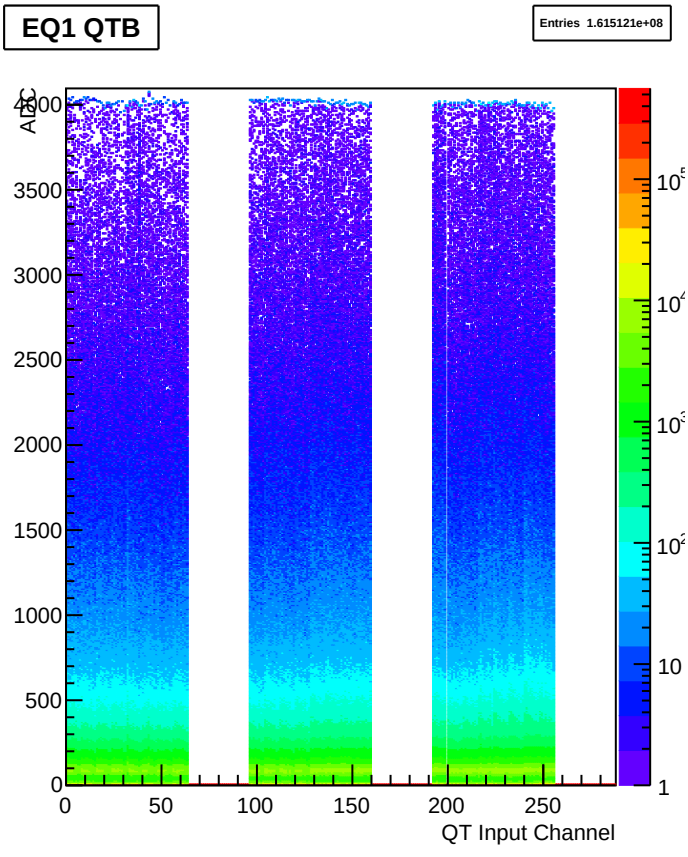

BBQ-ZD001 (ZDC TOWER)
Entries 8972896
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

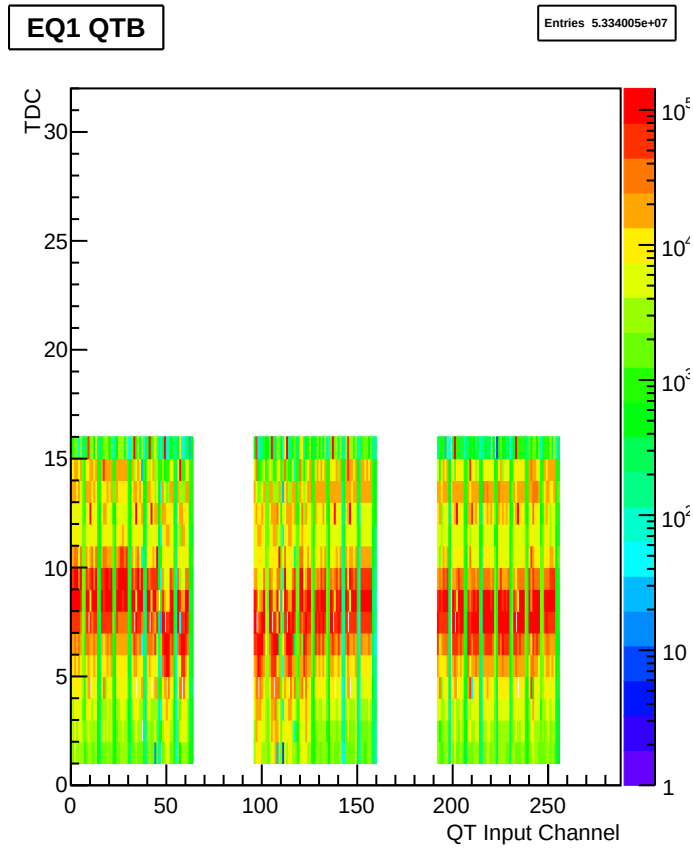

BBQ-VP001 East
Entries 8972896
ADC
QT Input Channel

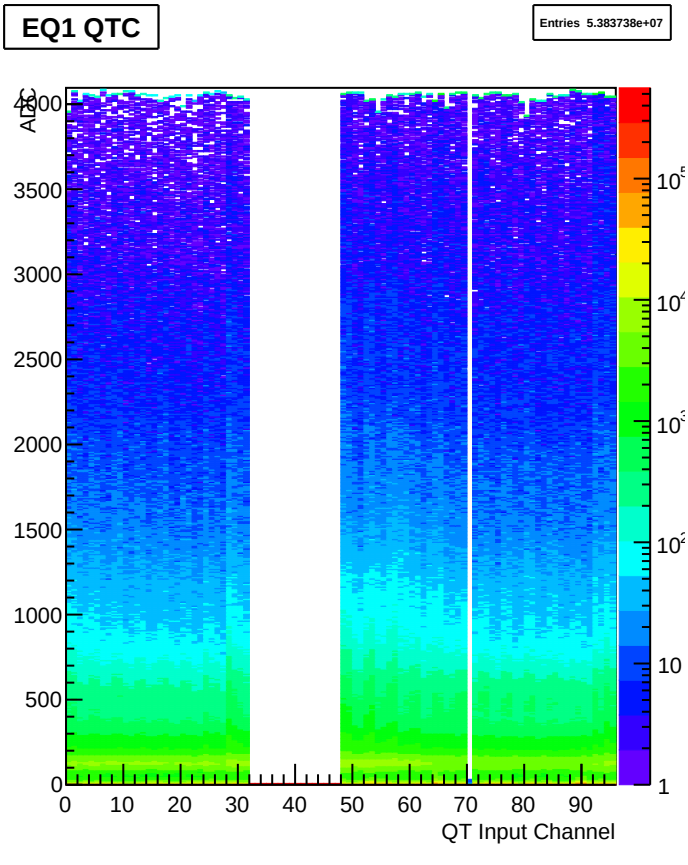

BBQ-VP001 East
Entries 8972896
TADC
QT Input Channel

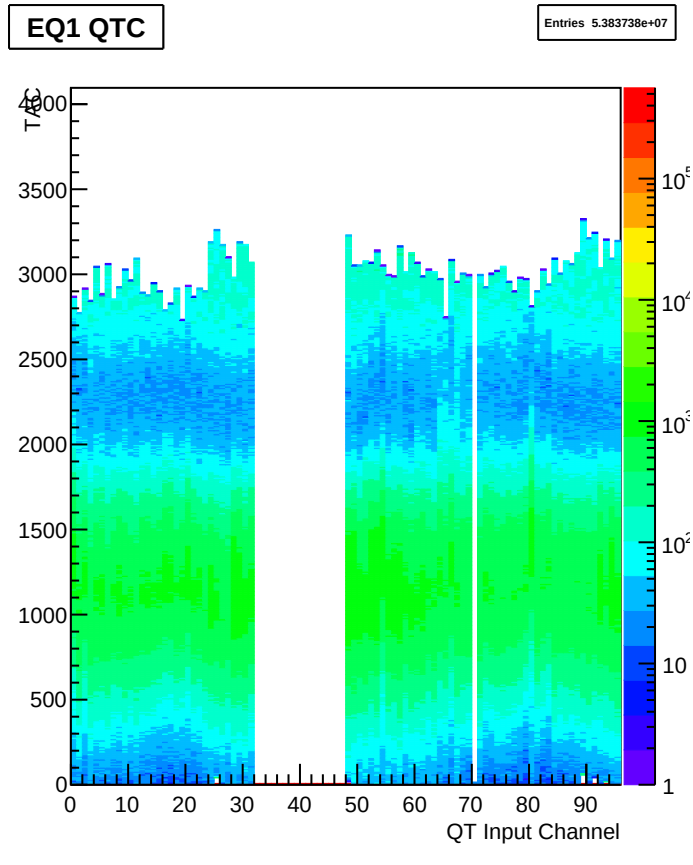

BBQ-VP002 West
Entries 8972896
ADC
QT Input Channel

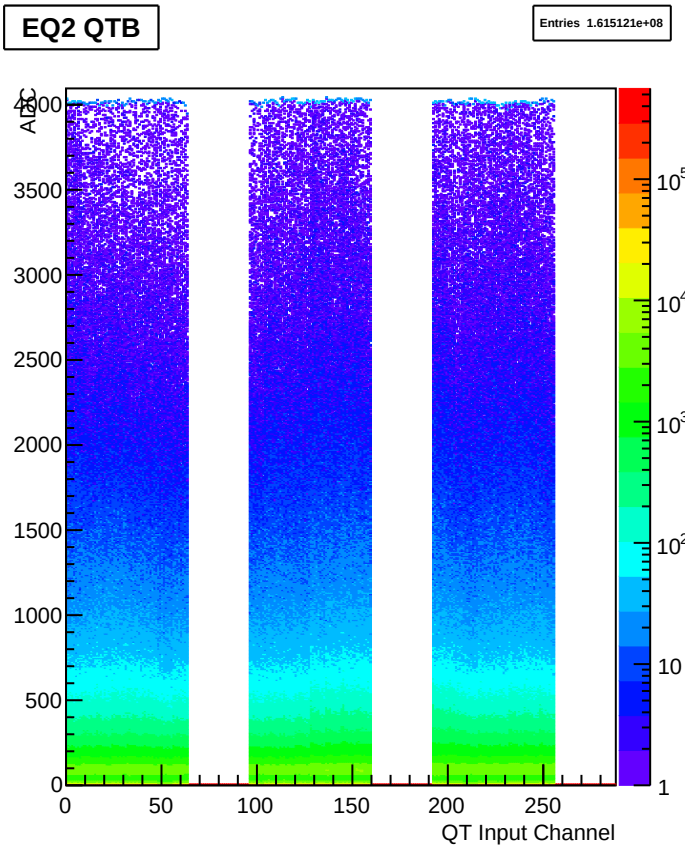

BBQ-VP002 West
Entries 8972896
TADC
QT Input Channel

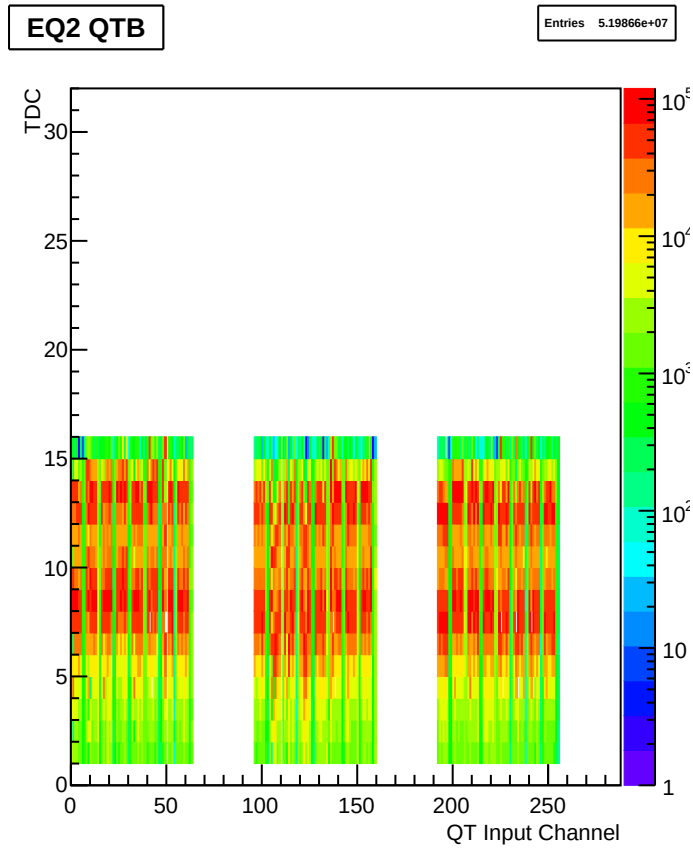

EQ1 QTB
Entries 1.615121e+08
ADC
QT Input Channel

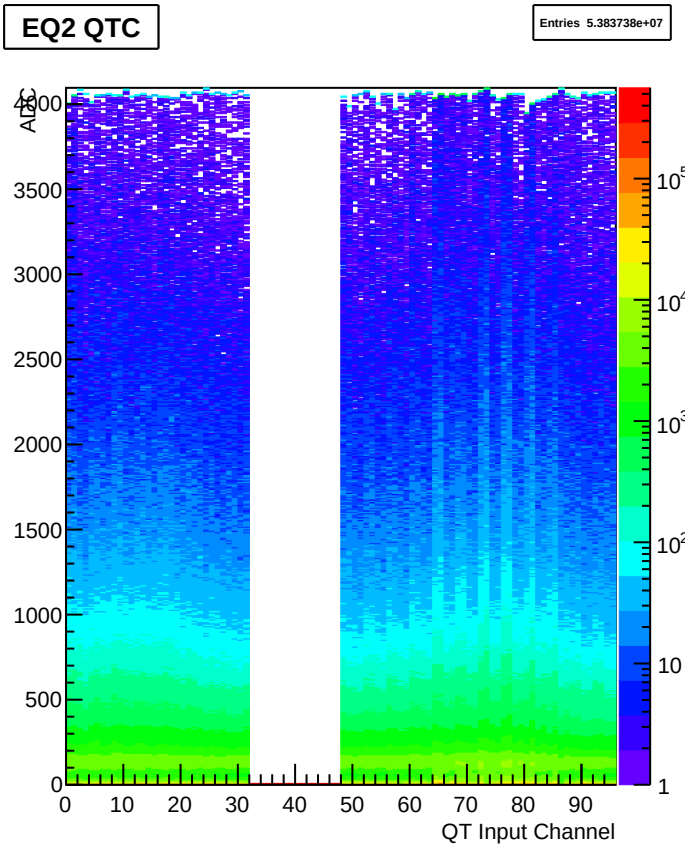

EQ1 QTB
Entries 5.334005e+07
TDC
QT Input Channel

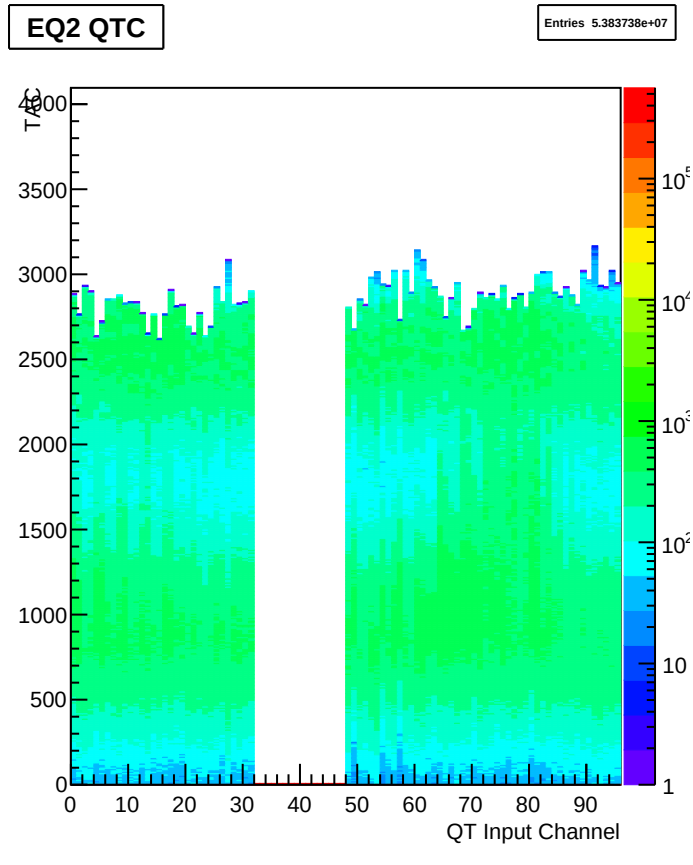

EQ1 QTC
Entries 5.383738e+07
ADC
QT Input Channel

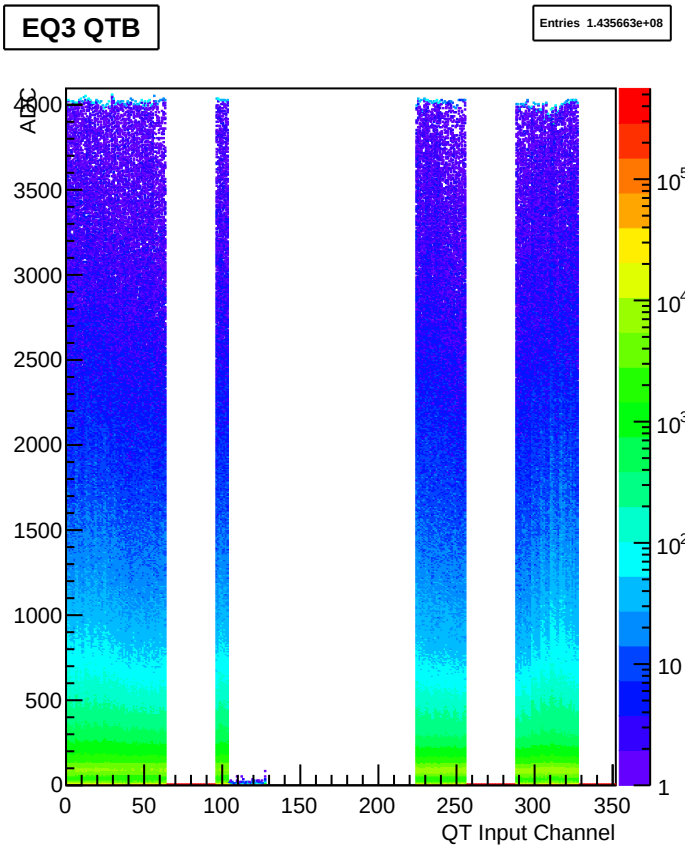

EQ1 QTC
Entries 5.383738e+07
TADC
QT Input Channel

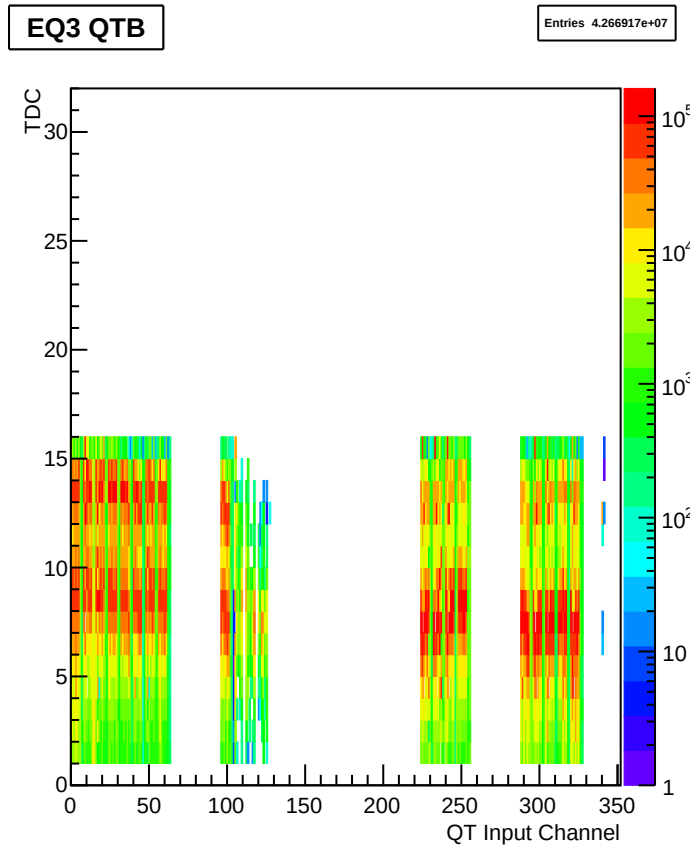

EQ2 QTB
Entries 1.615121e+08
ADC
QT Input Channel

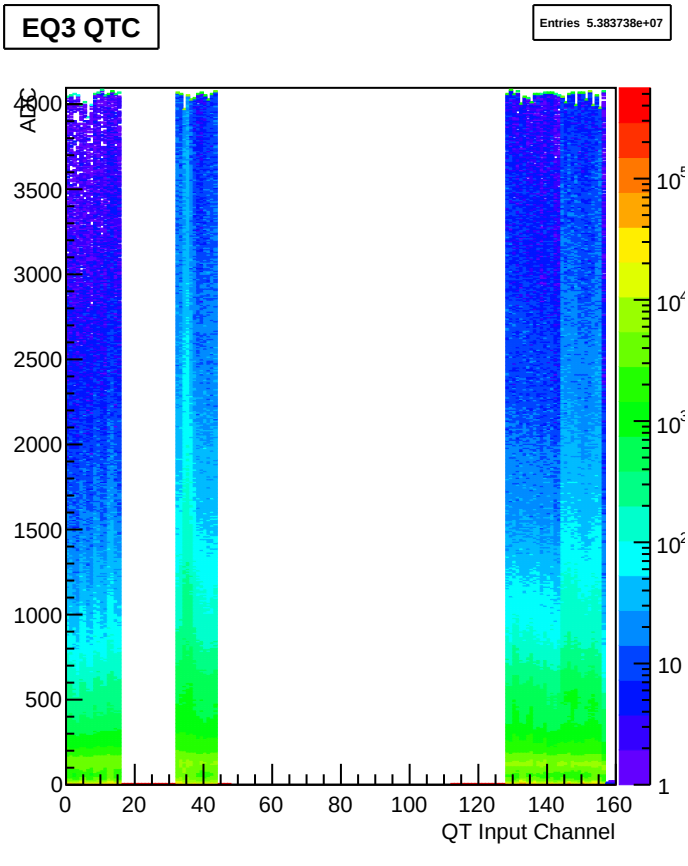

EQ2 QTB
Entries 5.19866e+07
TDC
QT Input Channel

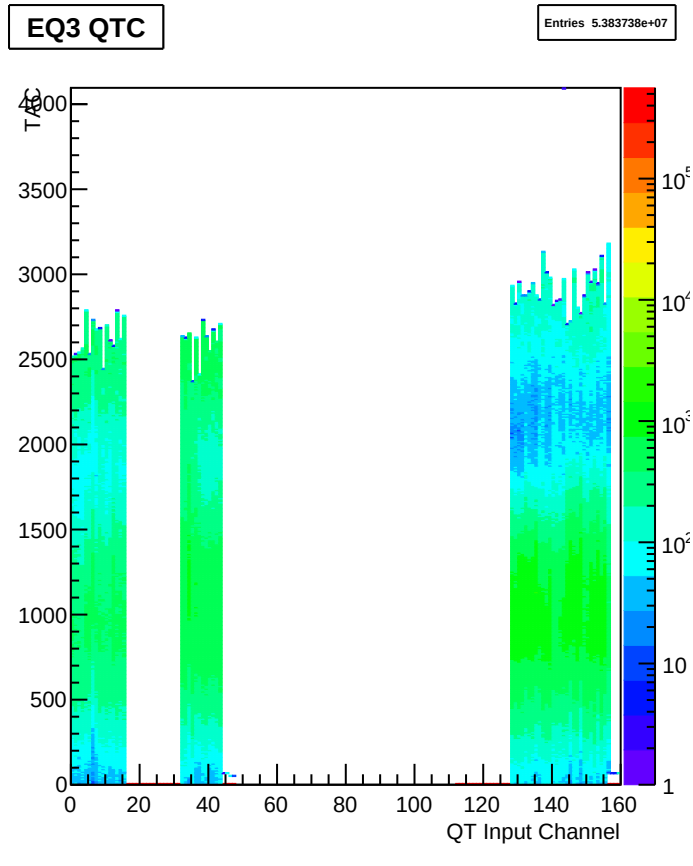

EQ2 QTC
Entries 5.383738e+07
ADC
QT Input Channel

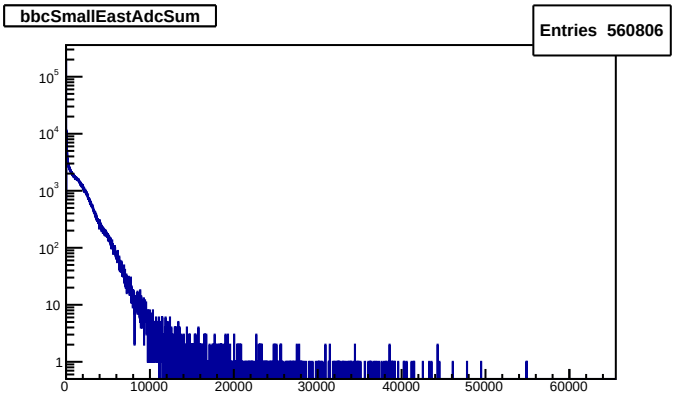

EQ2 QTC
Entries 5.383738e+07
TADC
QT Input Channel

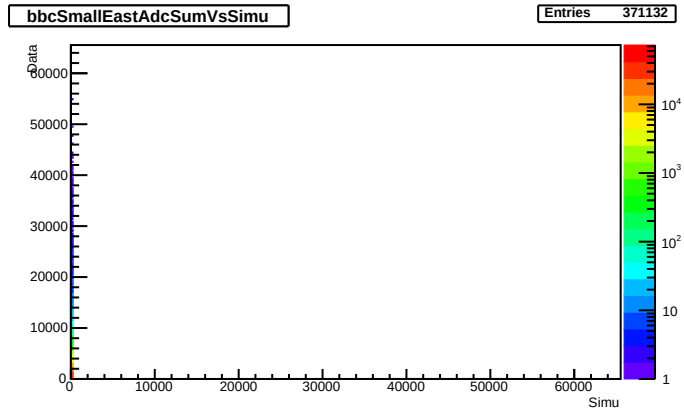

EQ3 QTB
Entries 1.435663e+08
ADC
QT Input Channel

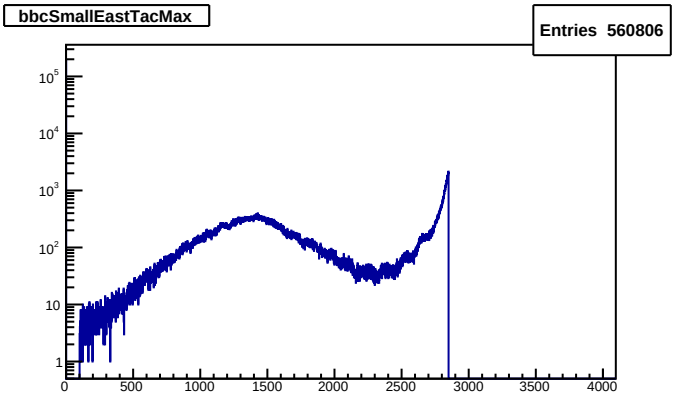

EQ3 QTB
Entries 4.266917e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.383738e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.383738e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 560806


bbcSmallEastAdcSumVsSimu
Entries 371132
Data
Simu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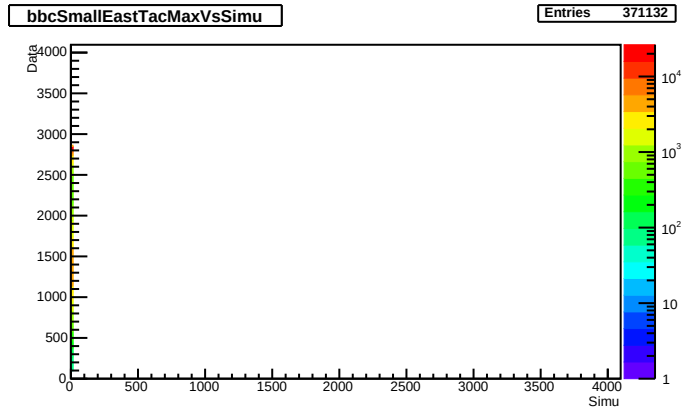
Entries 560806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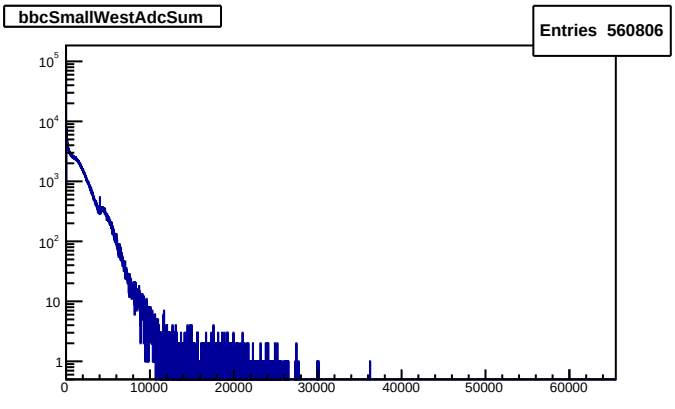
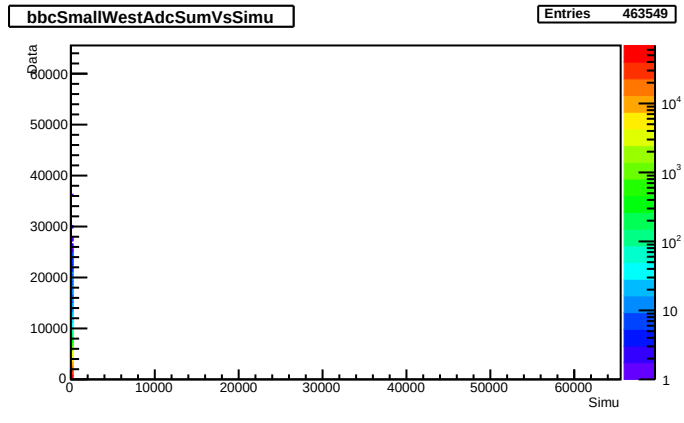

bbcSmallWestAdcSum
Entries 560806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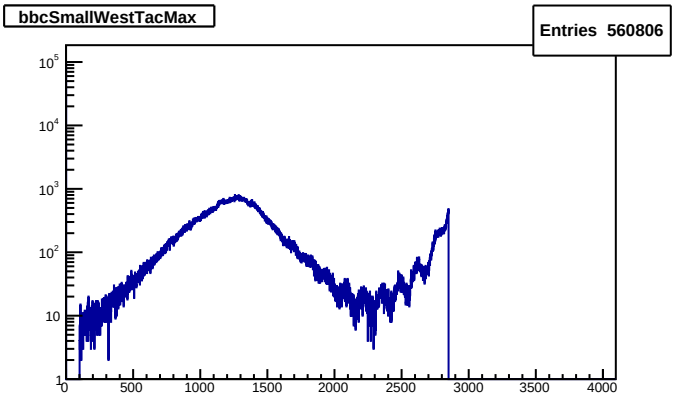
Entries 463549
Data
Simu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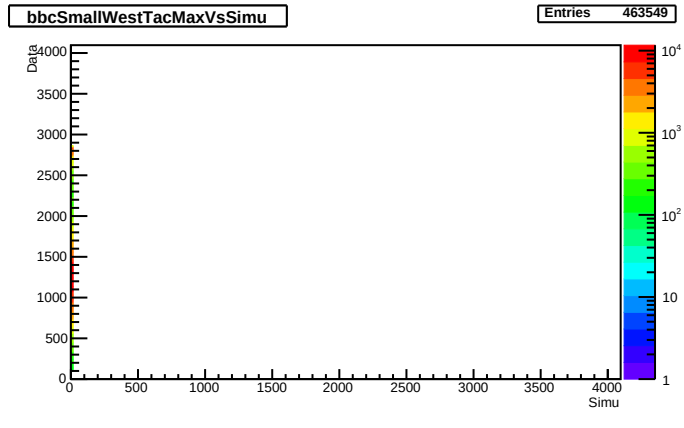
Entries 560806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Entries 463549
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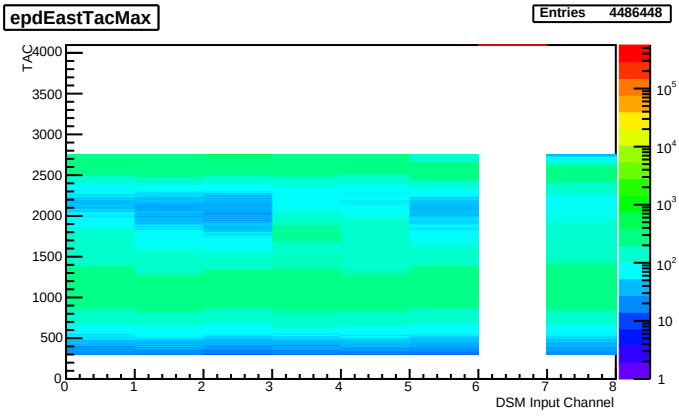
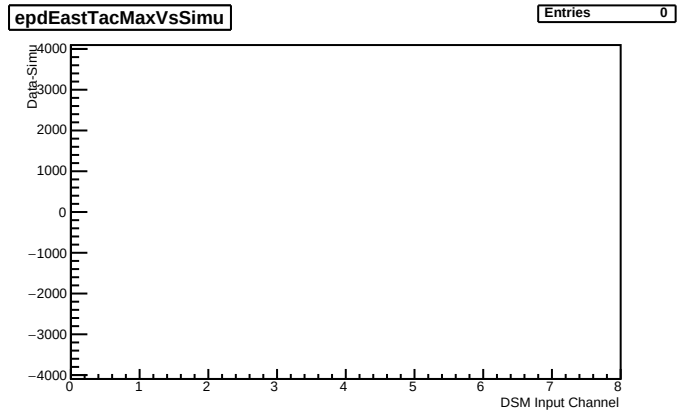
Simu


epdEastTacMax
Entries 4486448
TAC
DSM Input Channel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Entries 0
Data-Simu
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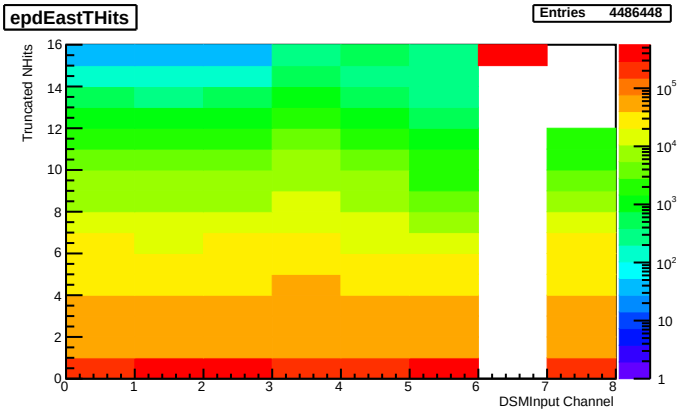
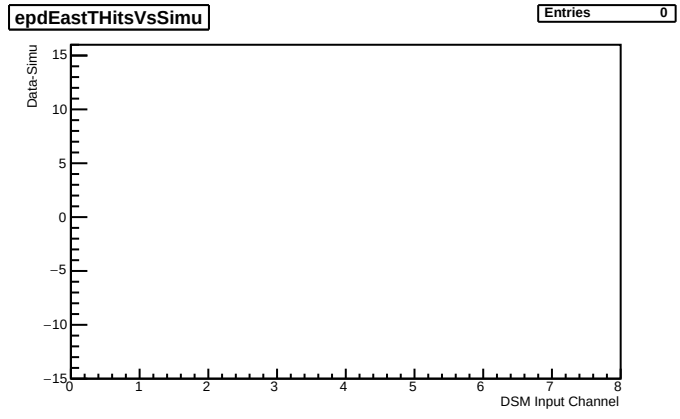

epdEastTHits
Entries 4486448
Truncated NHits
DSMInput Channel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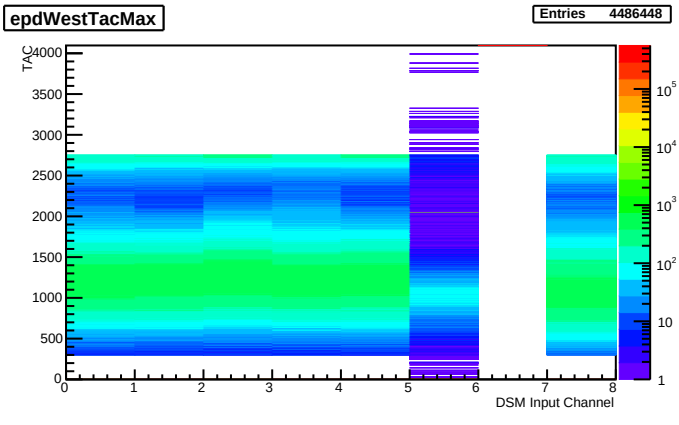
Data-Simu
DSM Input Channel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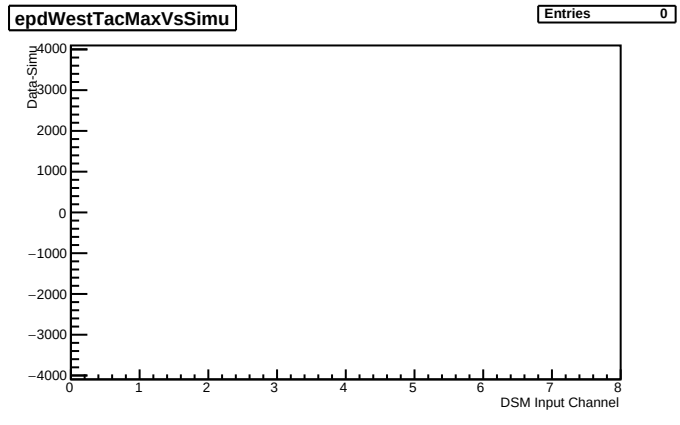
Entries 4486448
TAC
DSM Input Channel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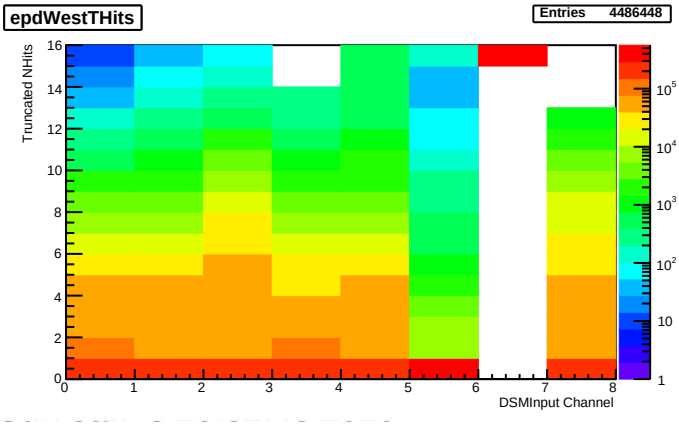
Data-Simu
DSM Input Channel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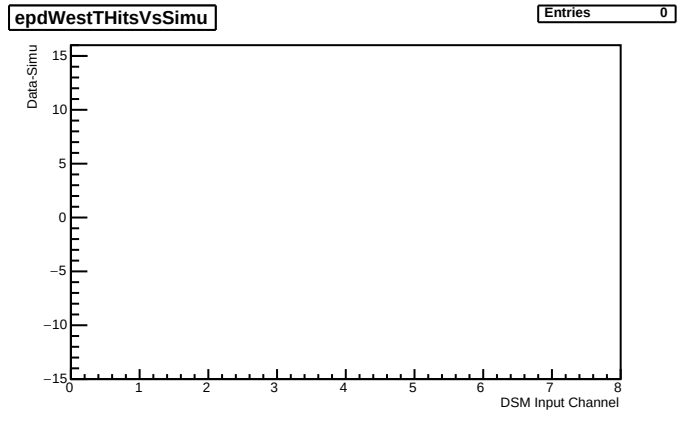
Entries 4486448
Truncated NHits
DSMInput Channel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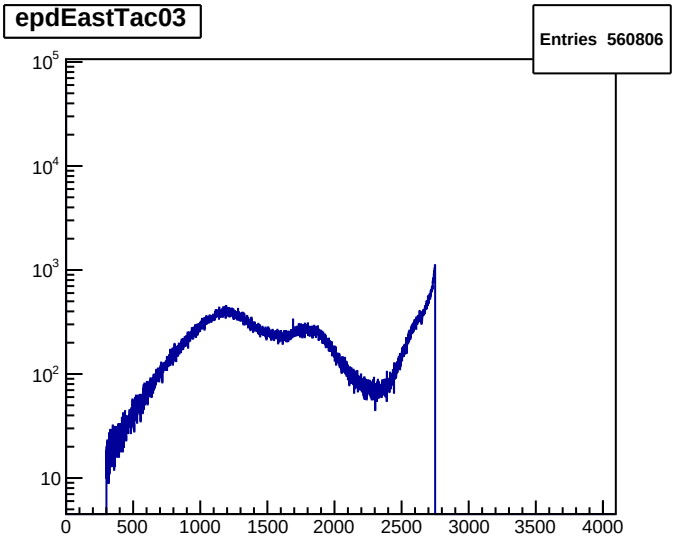
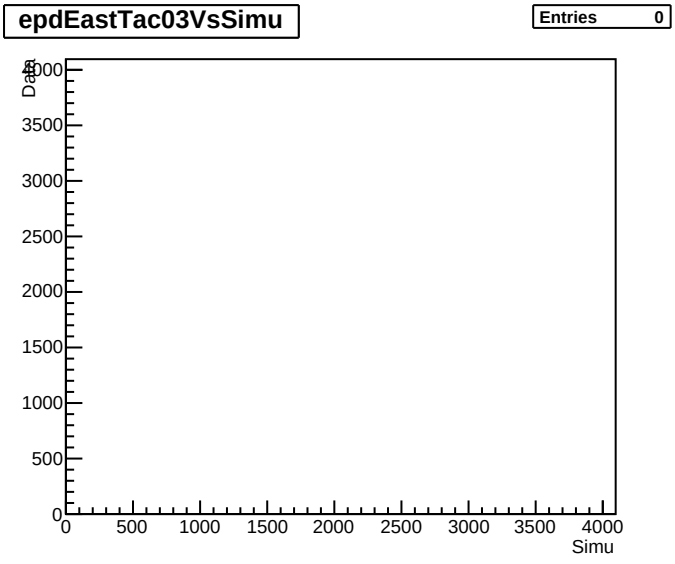
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 560806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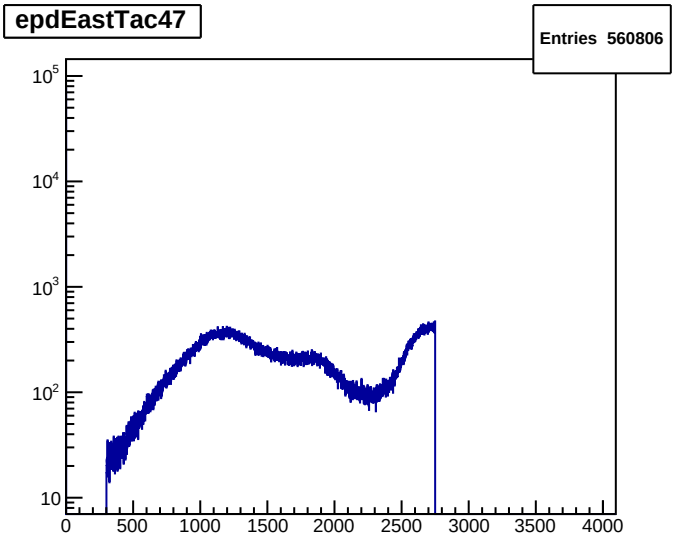
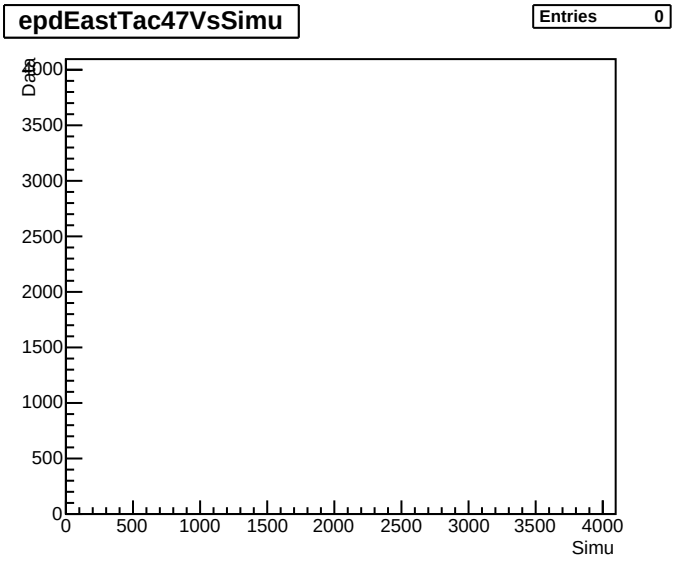
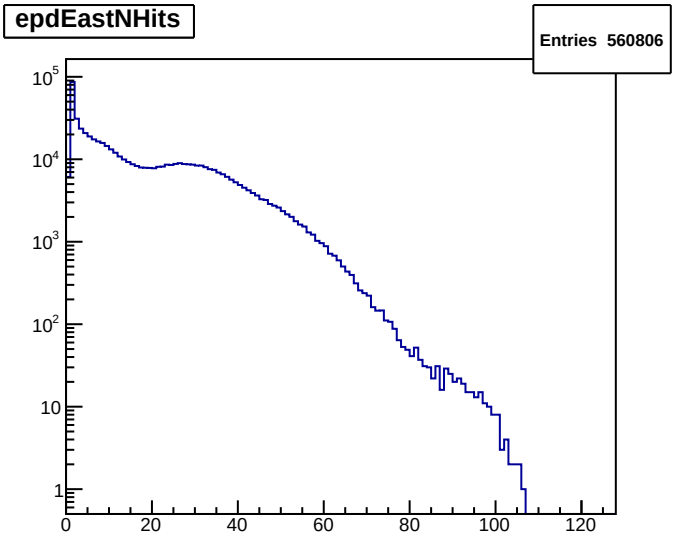
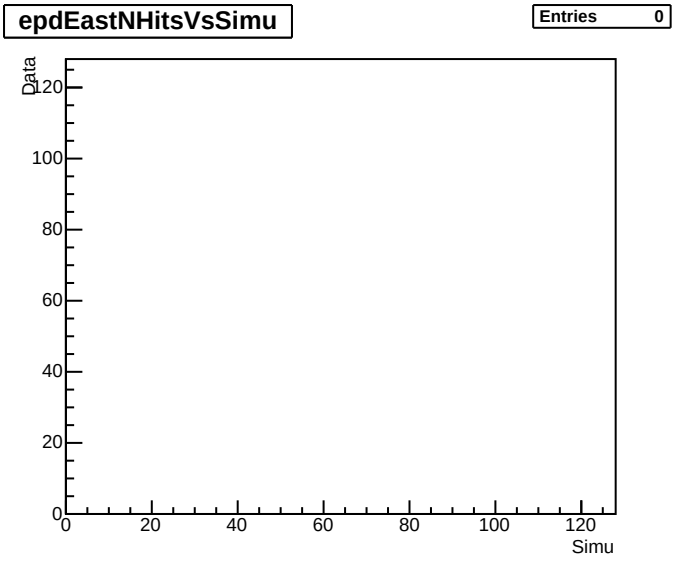
Entries 0
Data
Simu


epdEastTac47
Entries 560806


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 560806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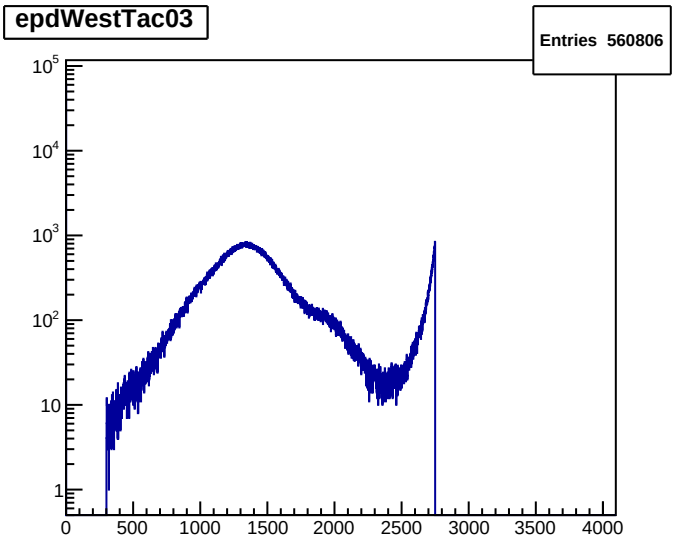
Entries 0
Data
Simu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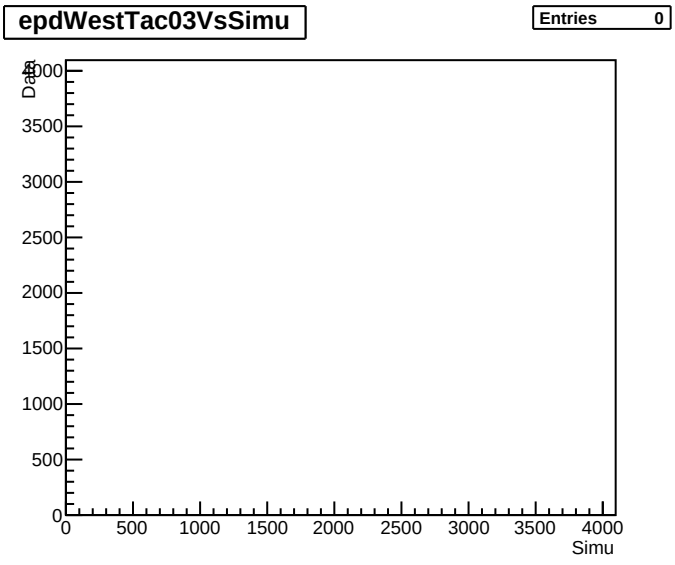
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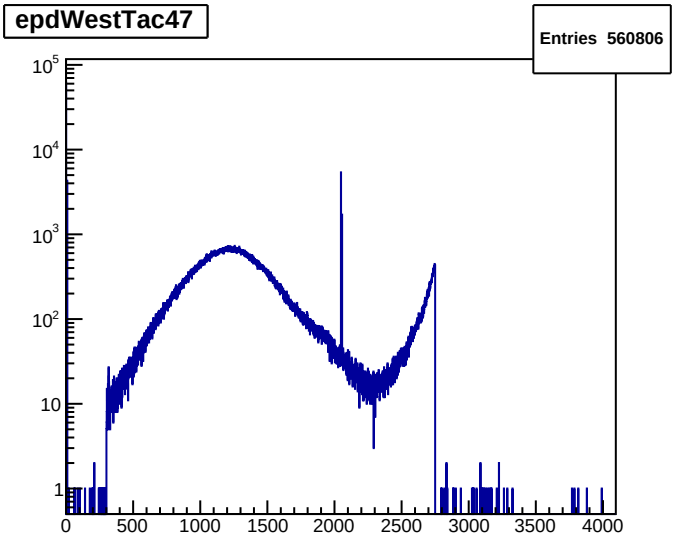
Entries 0
Data
Simu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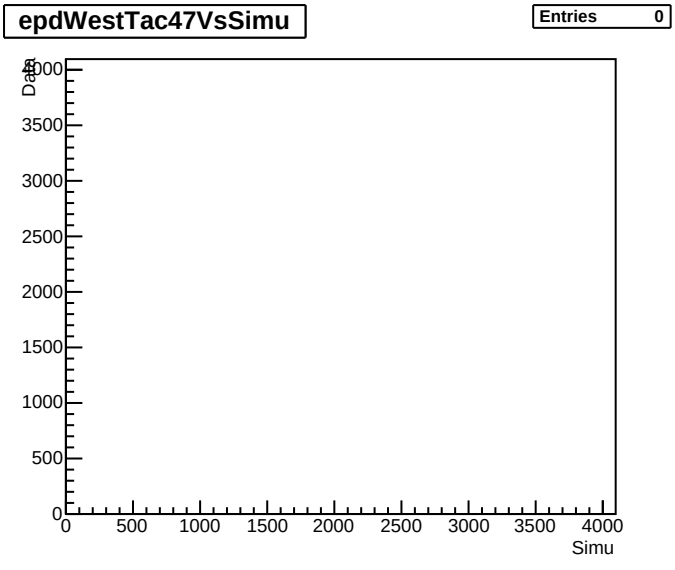
Entries 560806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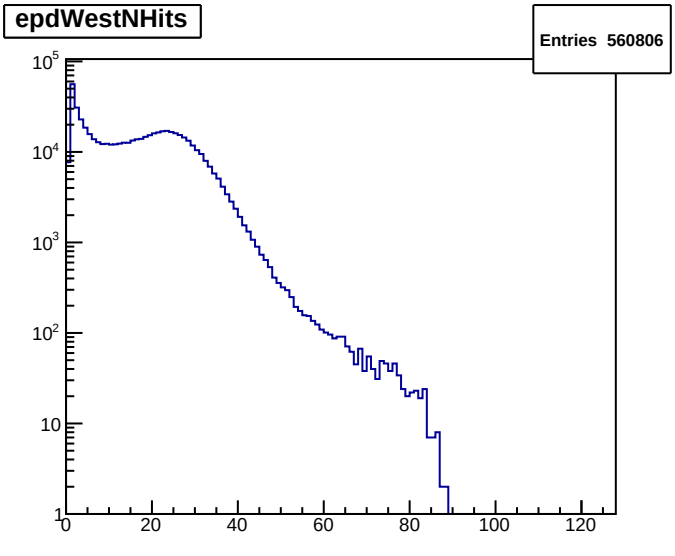
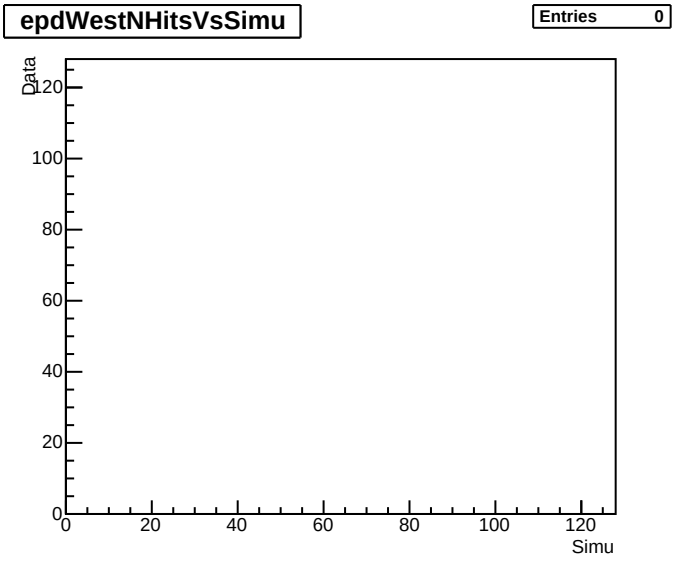
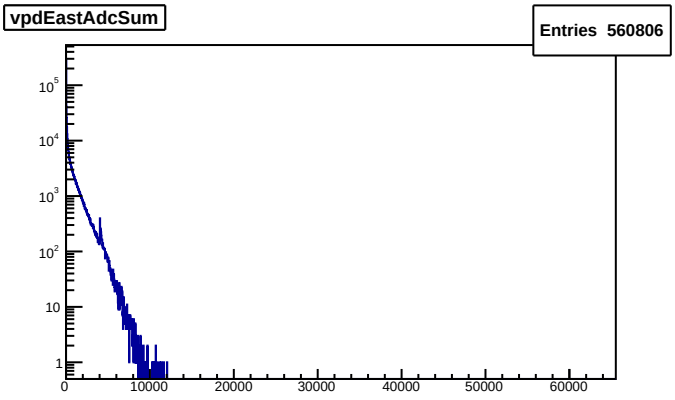
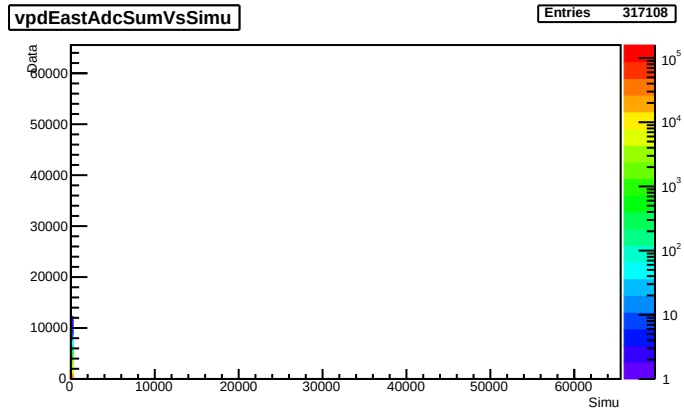
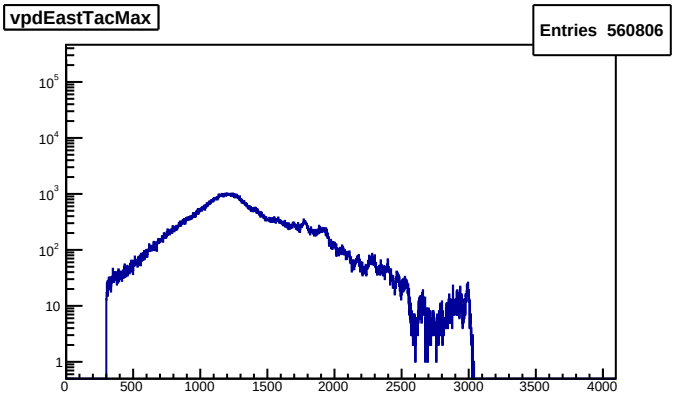
Entries 0
Data
Simu

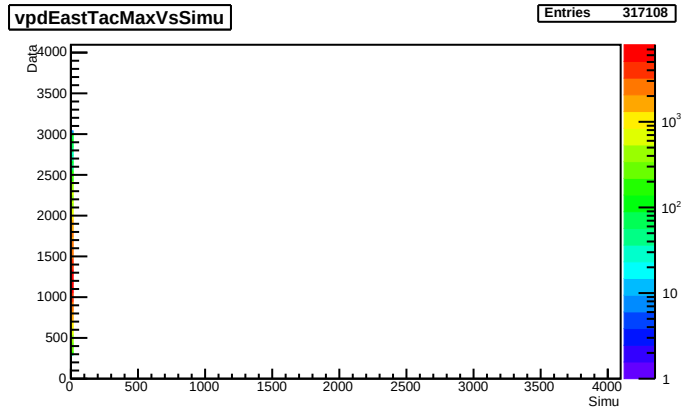

epdWestNHits
Entries 560806

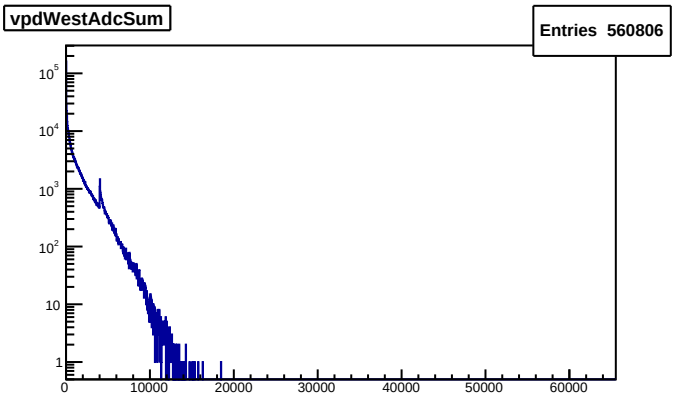

epdWestNHitsVsSimu
Entries 0
Data
Simu

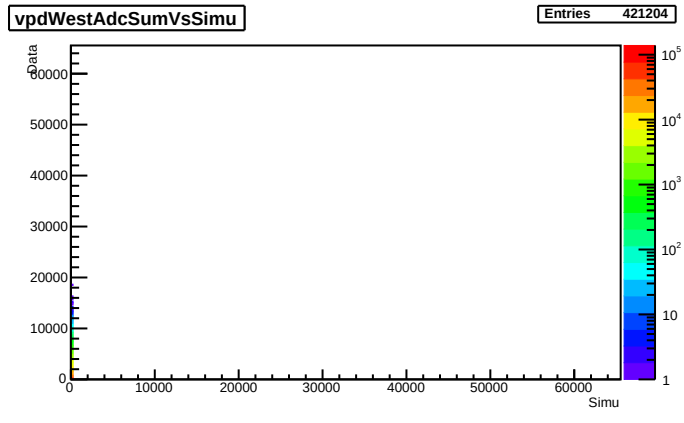

vpdEastAdcSum
Entries 560806

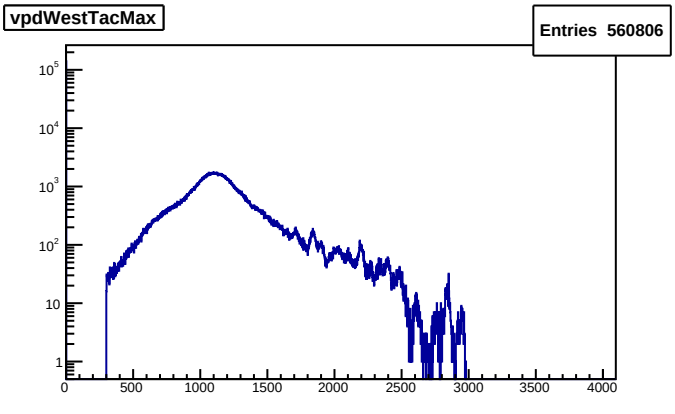

vpdEastAdcSumVsSimu
Entries 317108
Data
Simu

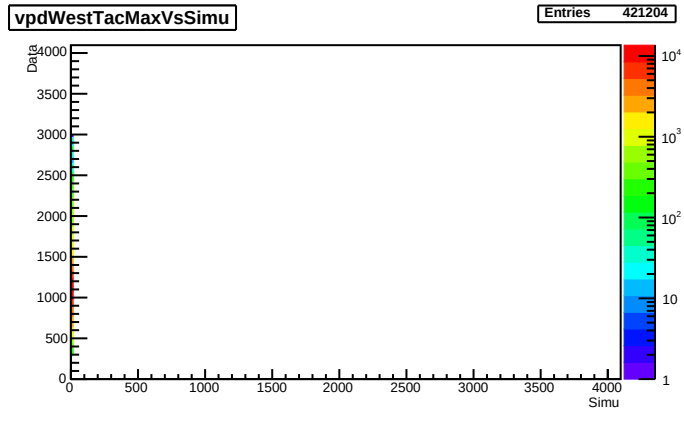

vpdEastTacMax
Entries 560806

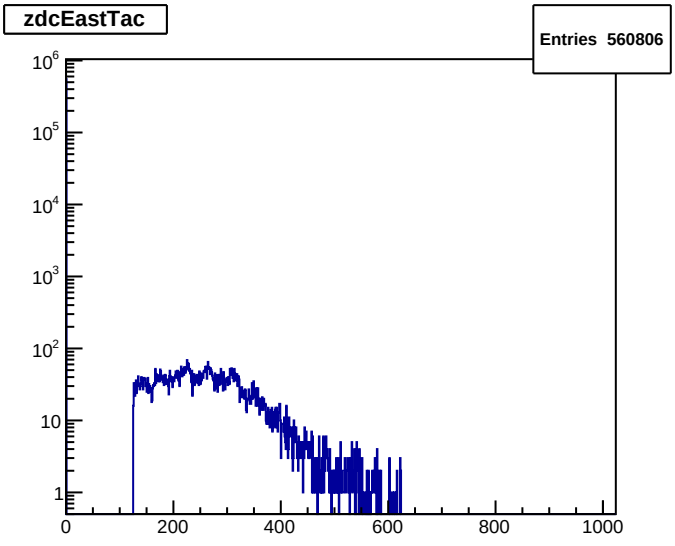

vpdEastTacMaxVsSimu
Entries 317108
Data
Simu

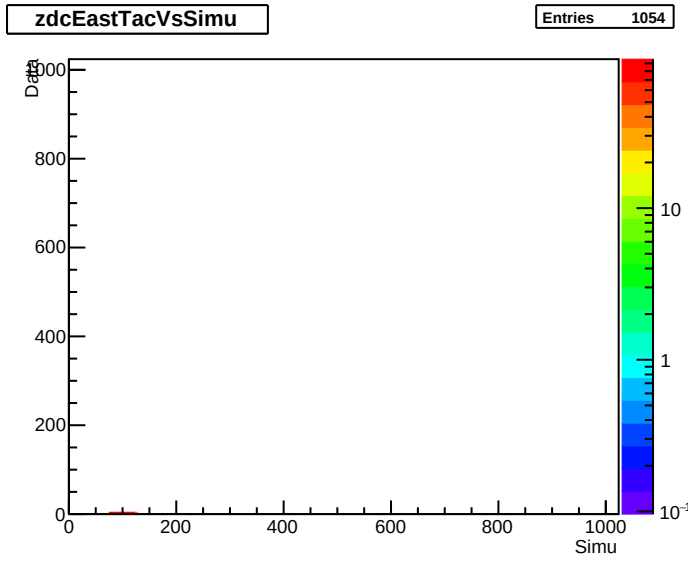

vpdWestAdcSum
Entries 560806

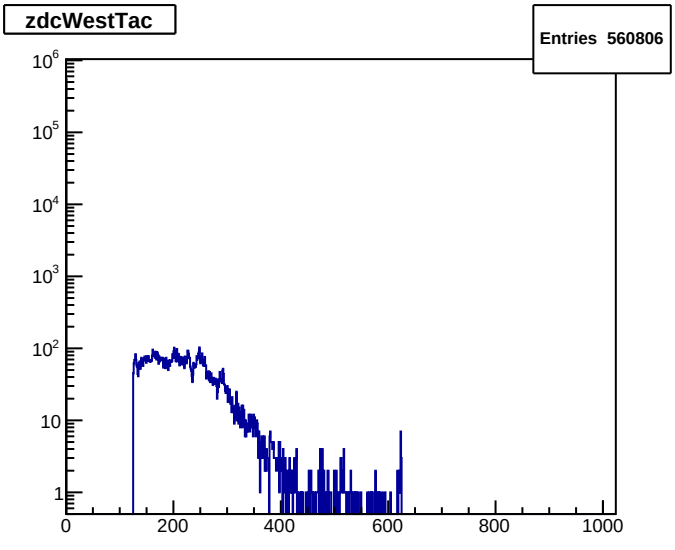

vpdWestAdcSumVsSimu
Entries 421204
Data
Simu

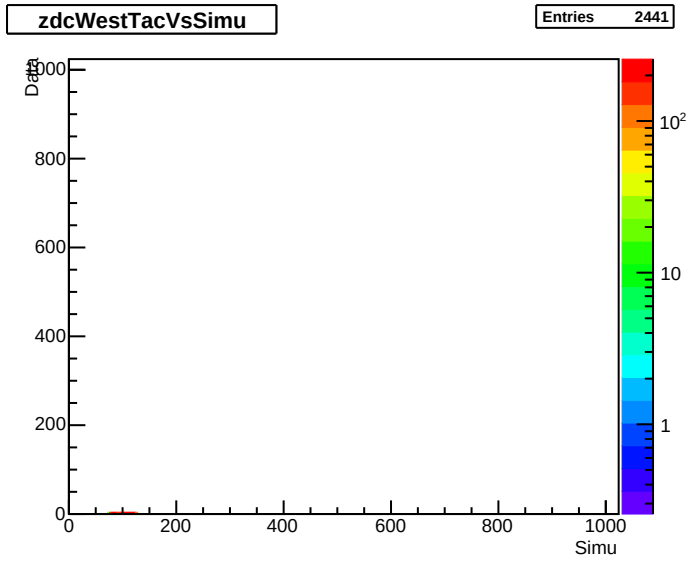

vpdWestTacMax
Entries 560806

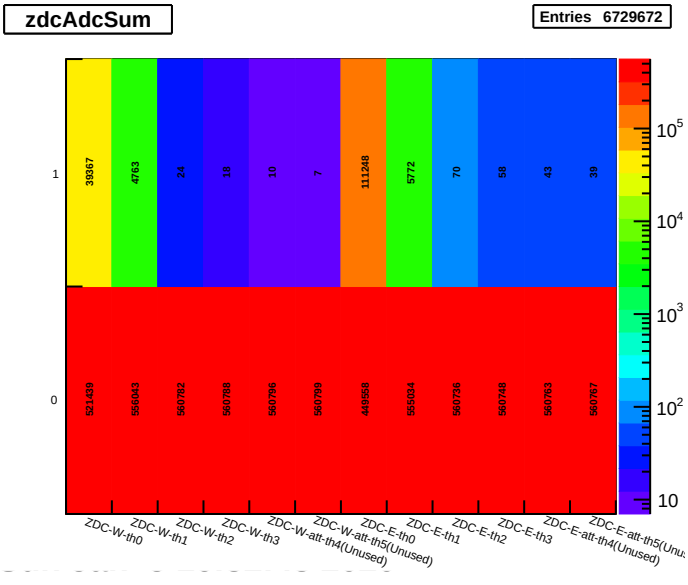

vpdWestTacMaxVsSimu
Entries 421204
Data
Simu

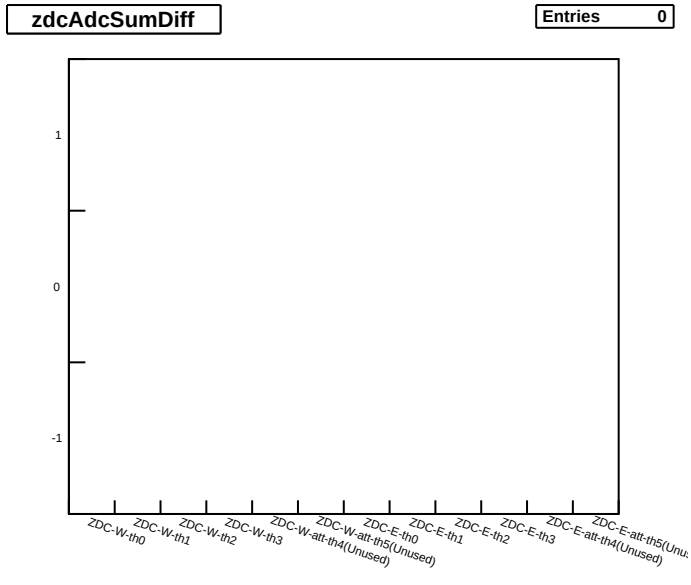

zdcEastTac
Entries 560806


zdcEastTacVsSimu
Entries 1054
Data
Simu


zdcWestTac
Entries 560806


zdcWestTacVsSimu
Entries 2441
Data
Simu


zdcAdcSum
Entries 6729672
39367
4763
24
18
10
7
111248
5772
70
58
43
39
521439
556043
560782
560788
560796
560799
449558
555034
560736
560748
560763
560767
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)
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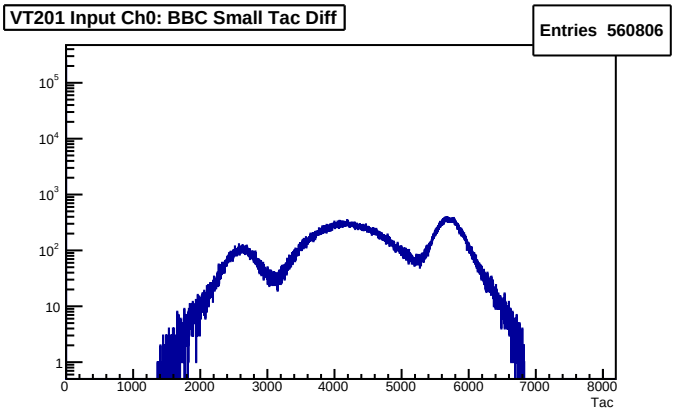
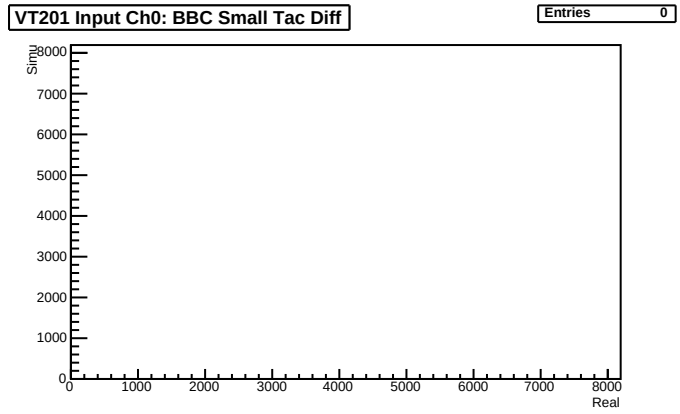
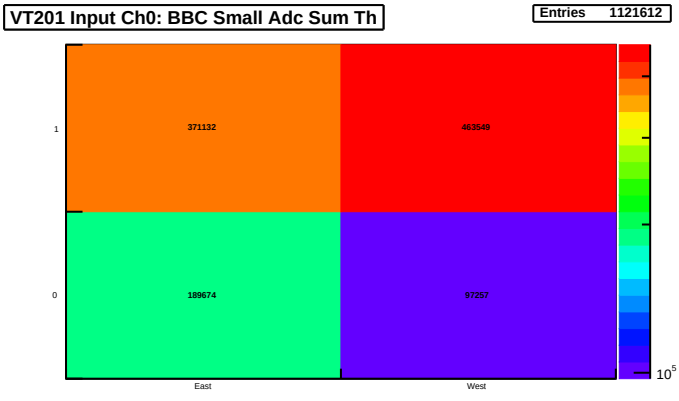
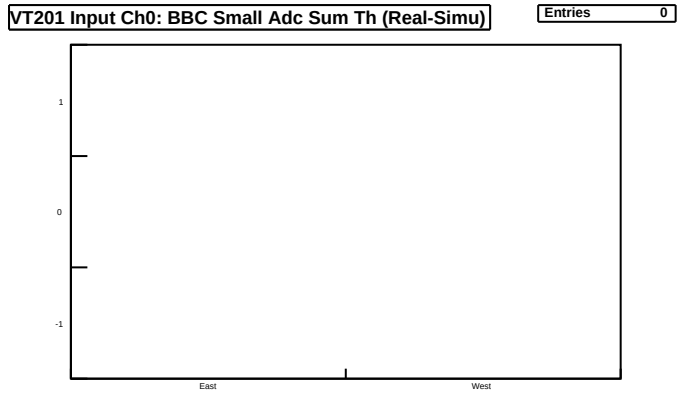
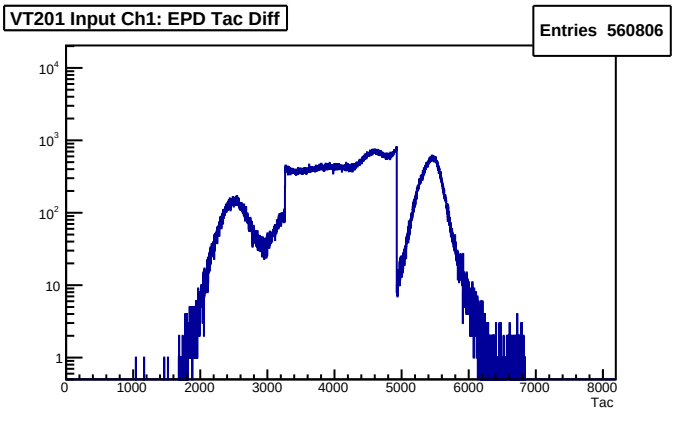
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

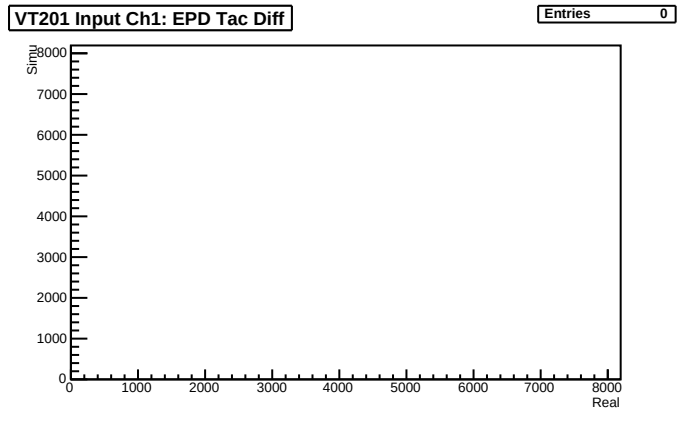

VT201 Input Ch0: BBC Small Tac Diff
Entries 560806
Tac

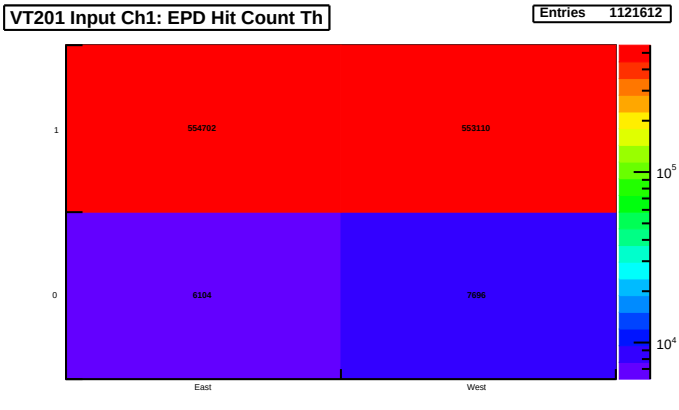

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

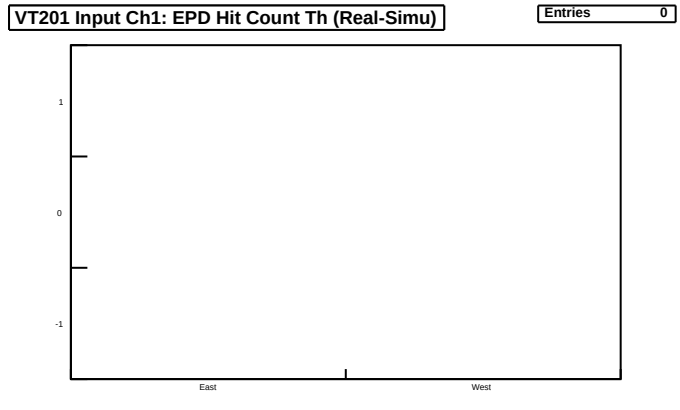

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1121612
371132
463549
189674
97257
East
West

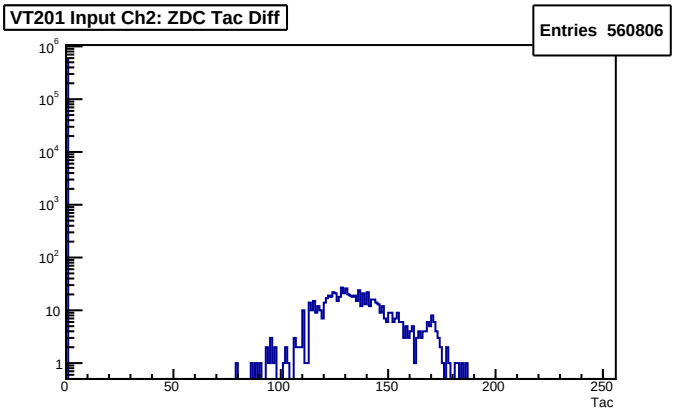

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

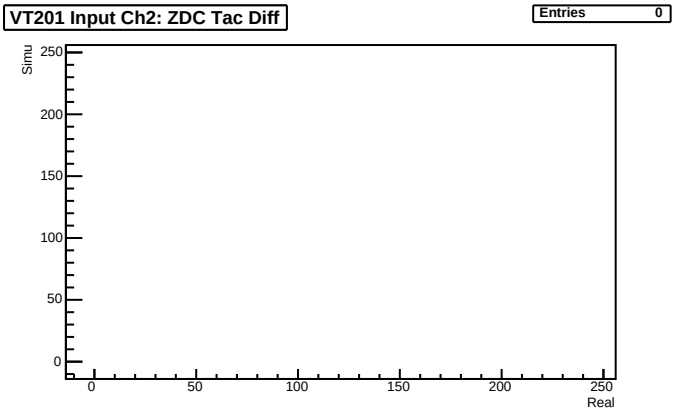

VT201 Input Ch1: EPD Tac Diff
Entries 560806
Tac

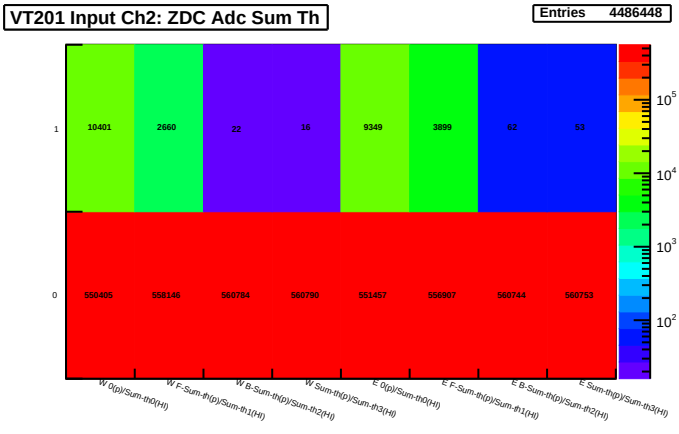

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

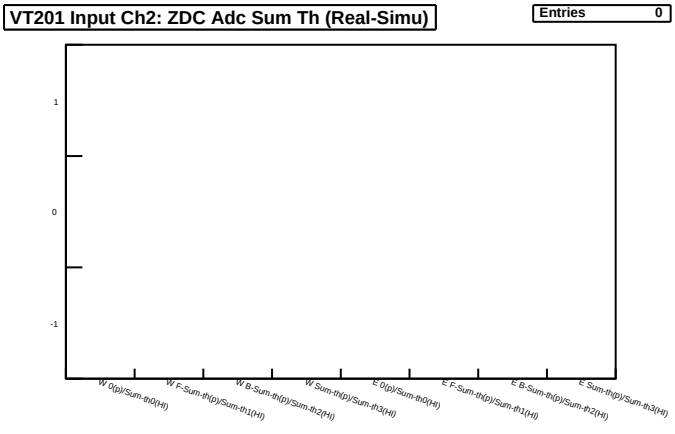

VT201 Input Ch1: EPD Hit Count Th
Entries 1121612
554702
553110
6104
7696
East
West

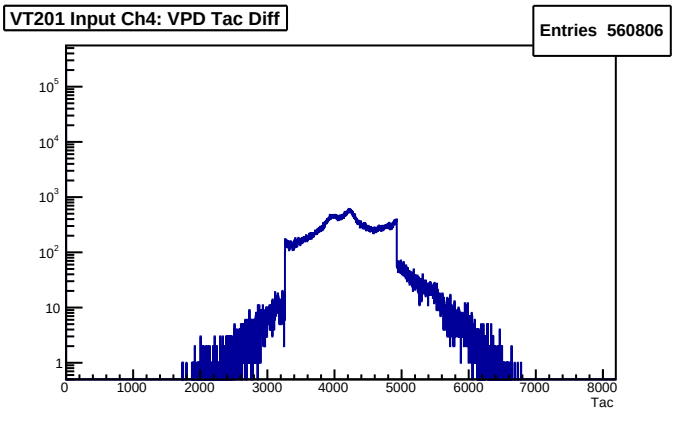

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

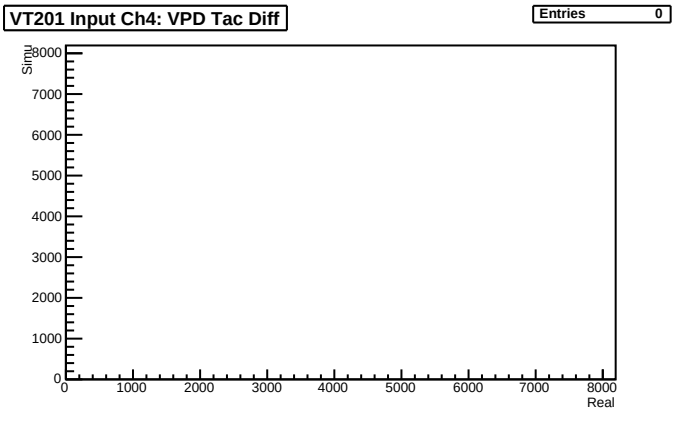

VT201 Input Ch2: ZDC Tac Diff
Entries 560806
Tac

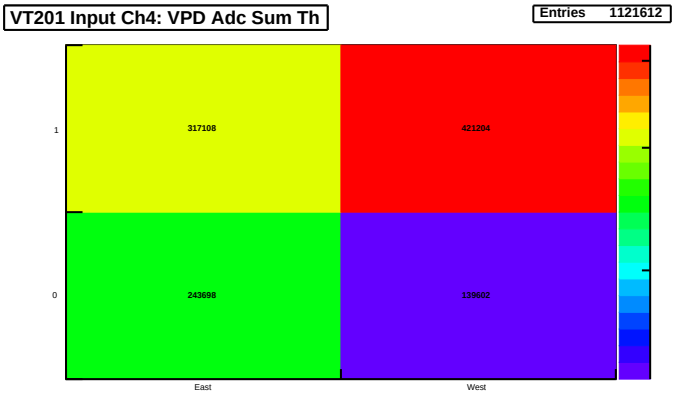

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

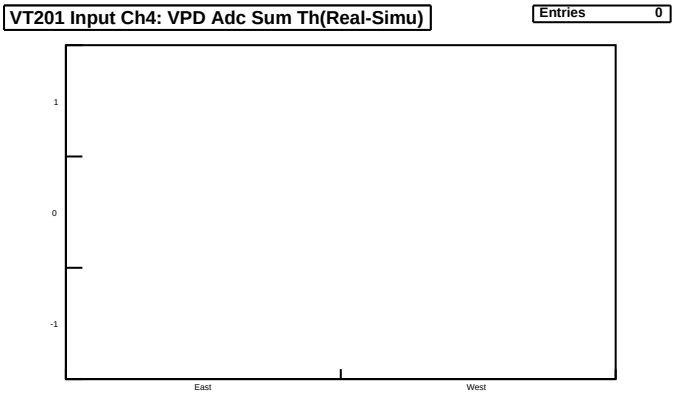

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4486448
10401
2660
22
16
9349
3899
62
53
550405
558146
560784
560790
551457
556907
560744
560753
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

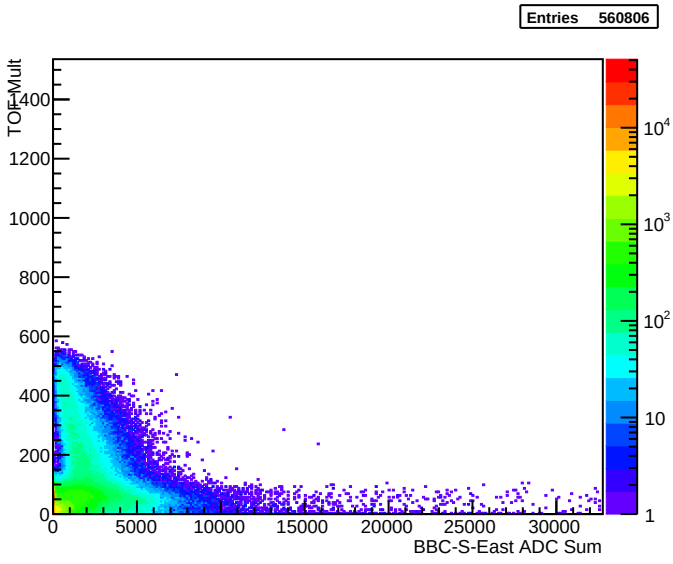

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

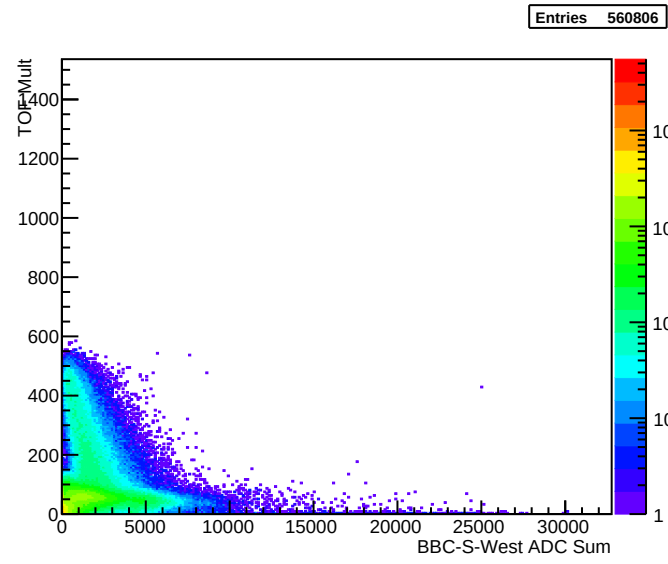

VT201 Input Ch4: VPD Tac Diff
Entries 560806
Tac

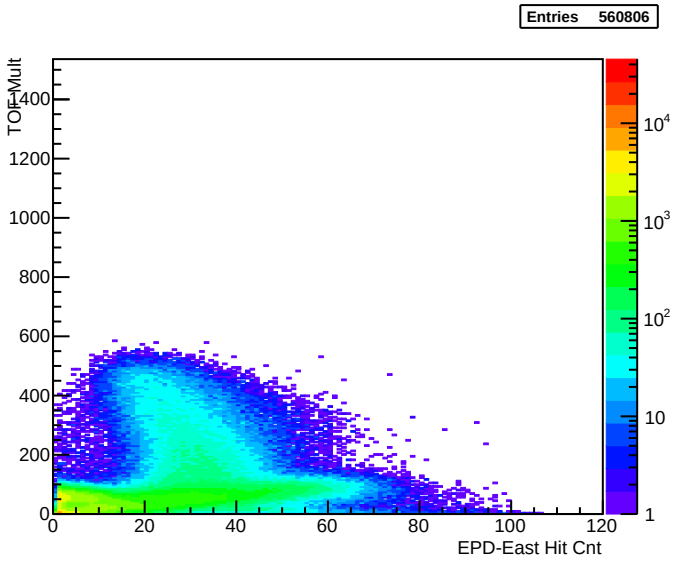

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

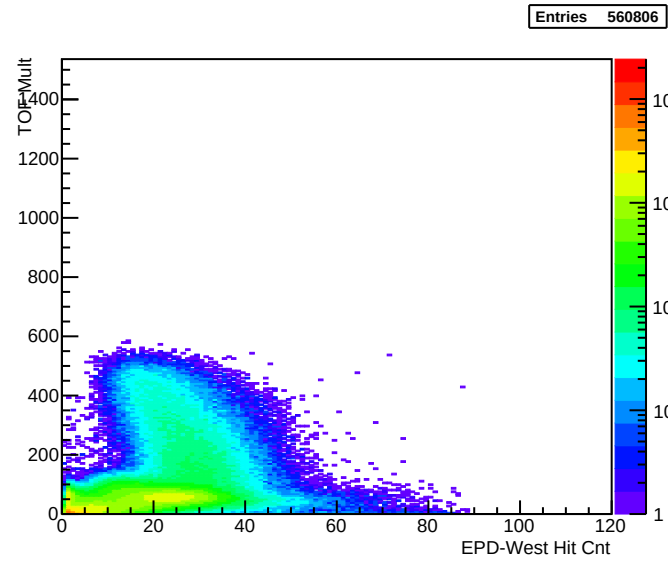

VT201 Input Ch4: VPD Adc Sum Th
Entries 1121612
317108
421204
243698
139602
East
West

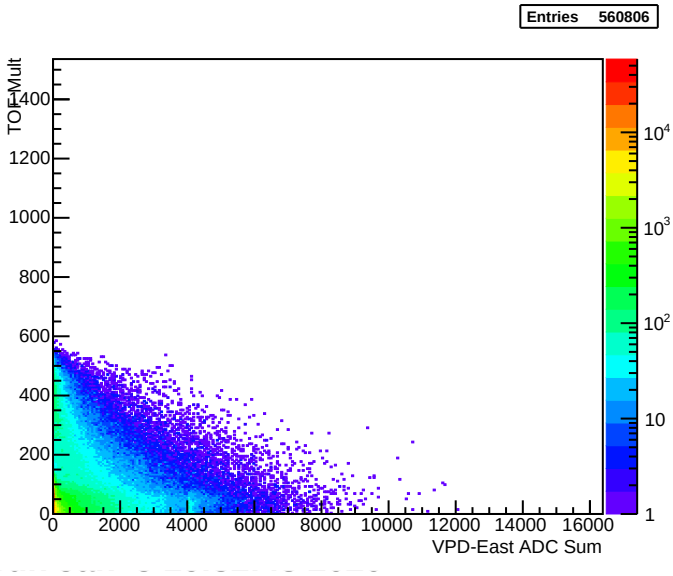

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

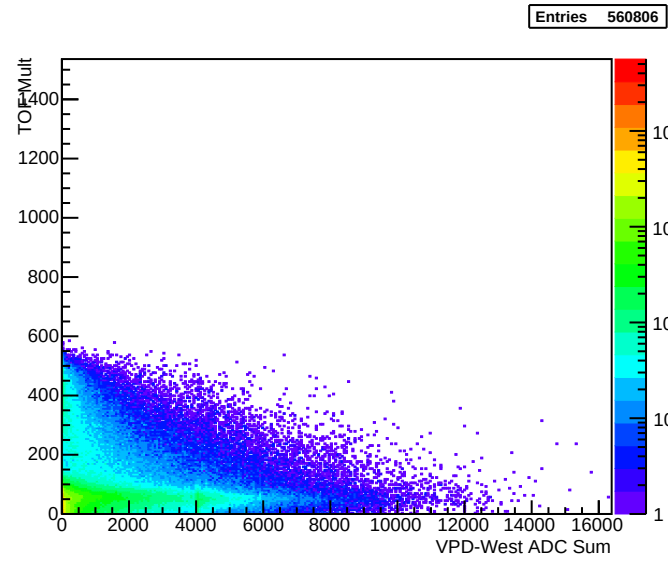

Entries 560806
TOF-Mult
BBC-S-East ADC Sum

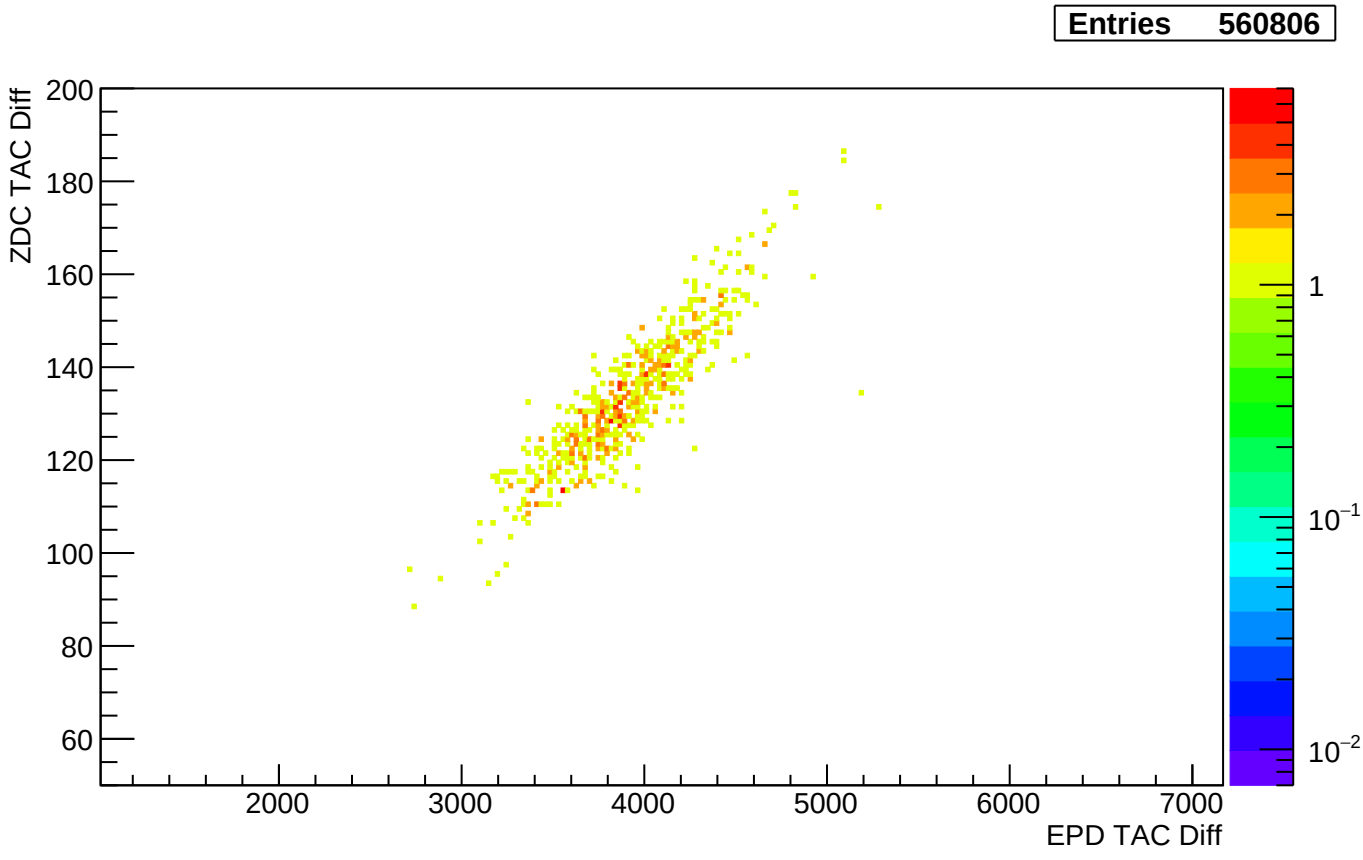

Entries 560806
TOF-Mult
BBC-S-West ADC Sum

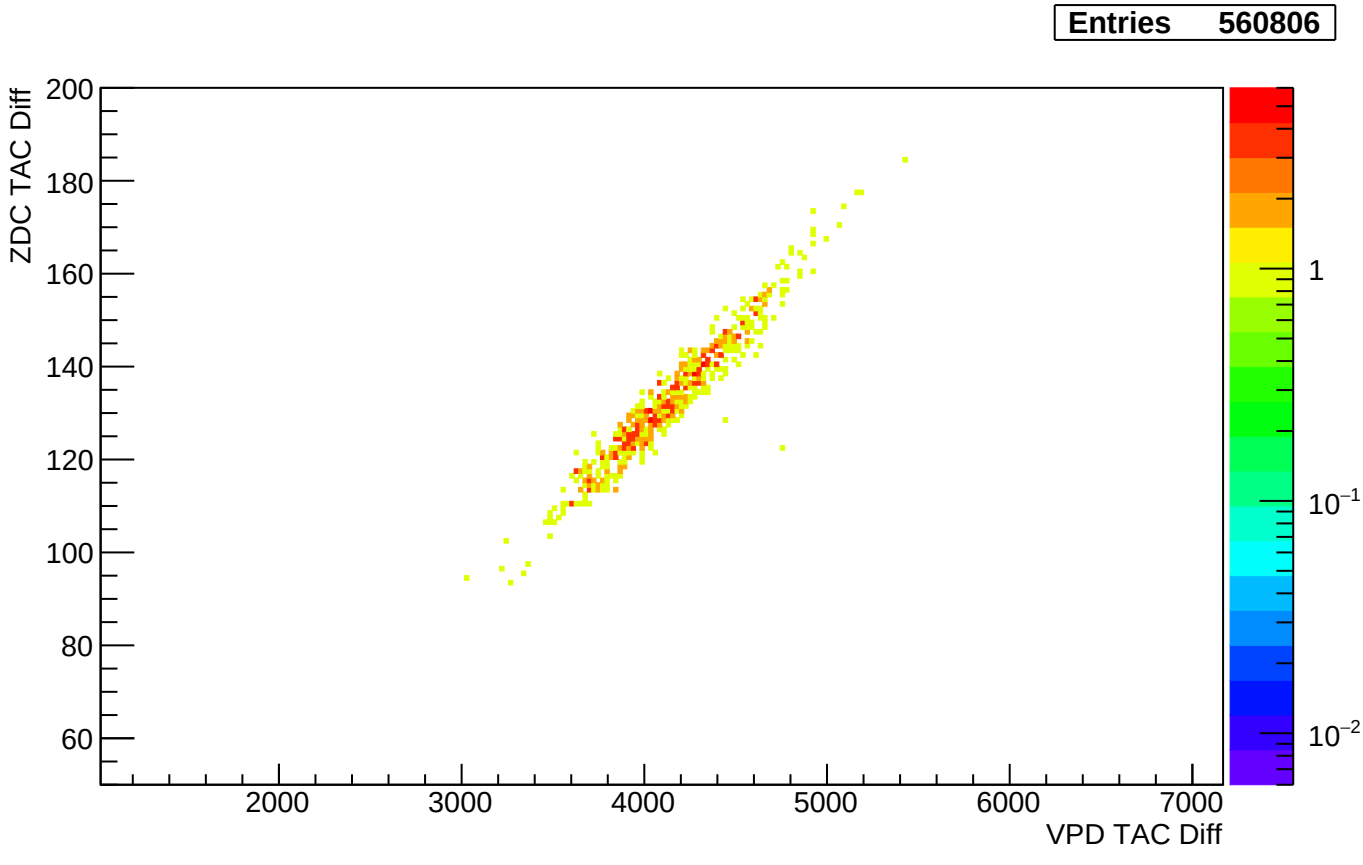

Entries 560806
TOF-Mult
EPD-East Hit Cnt

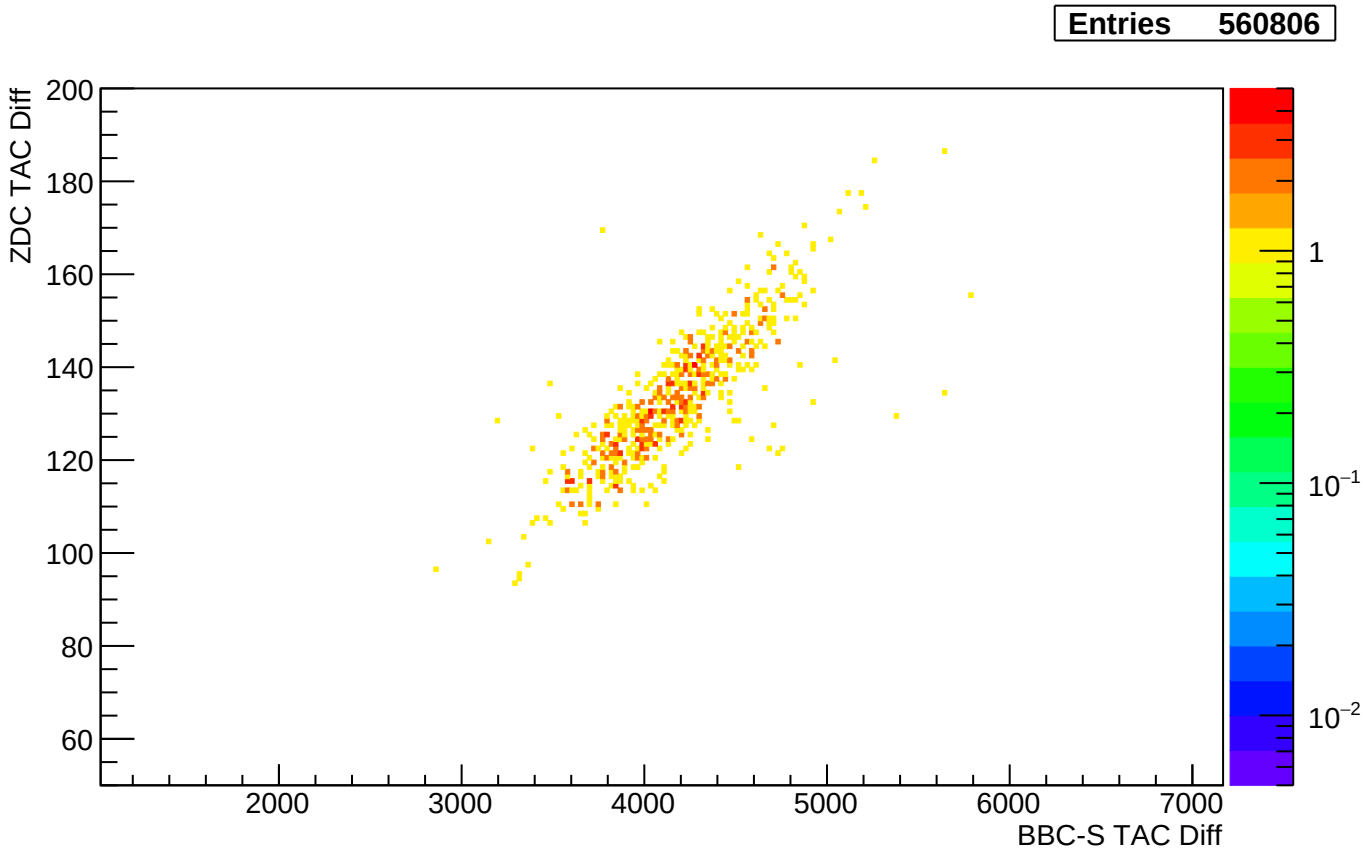

Entries 560806
TOF-Mult
EPD-West Hit Cnt

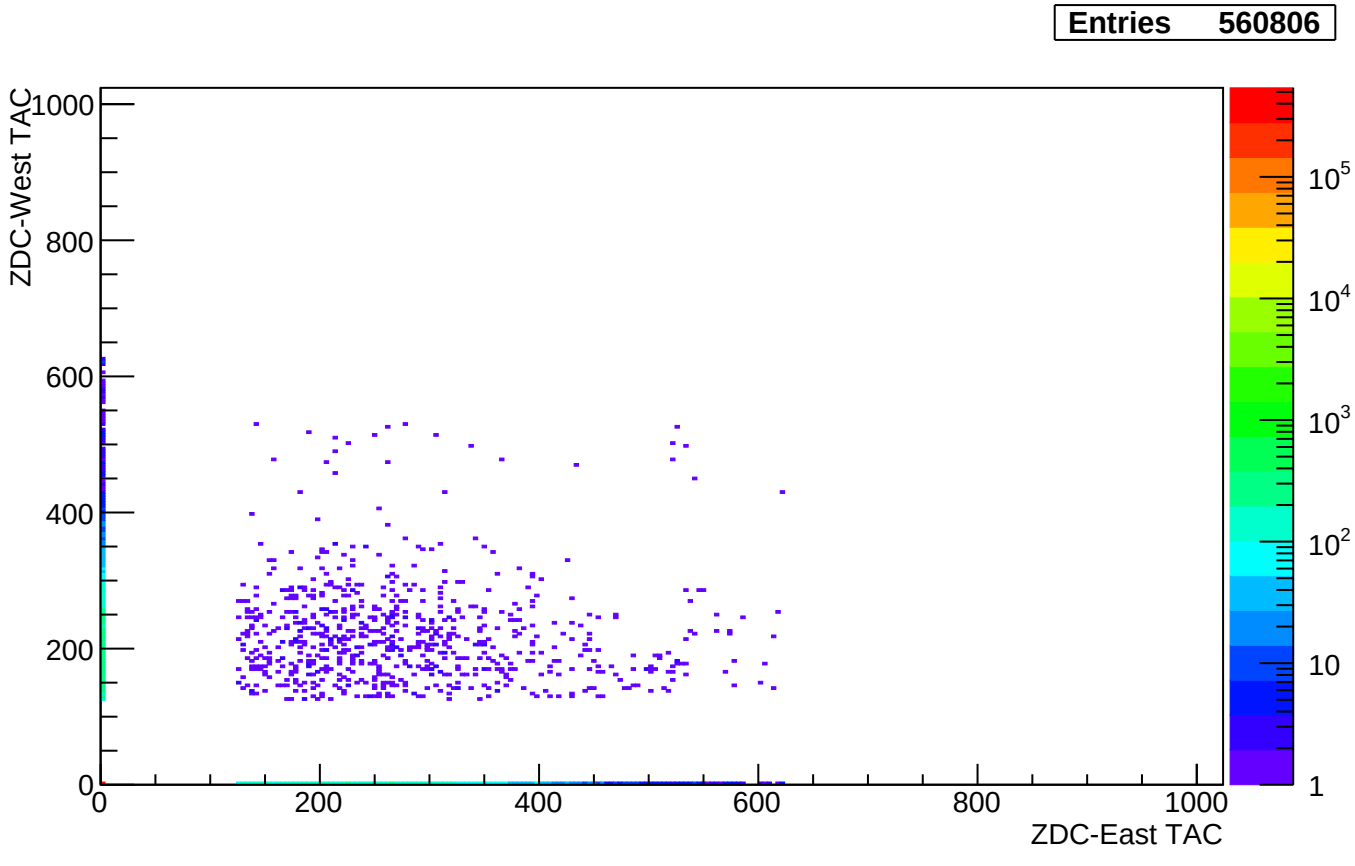

Entries 560806
TOF-Mult
VPD-East ADC Sum

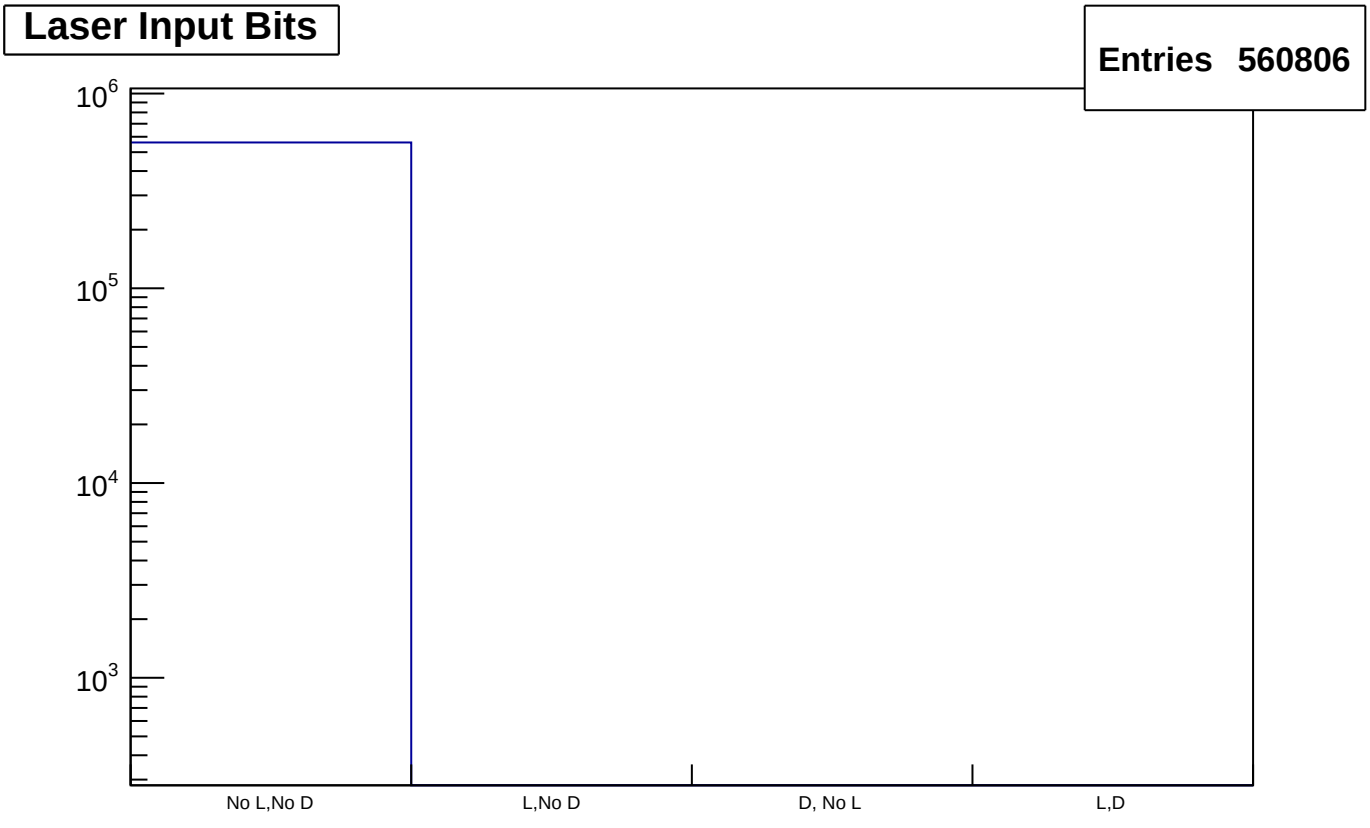

Entries 560806
TOF-Mult
VPD-West ADC Sum

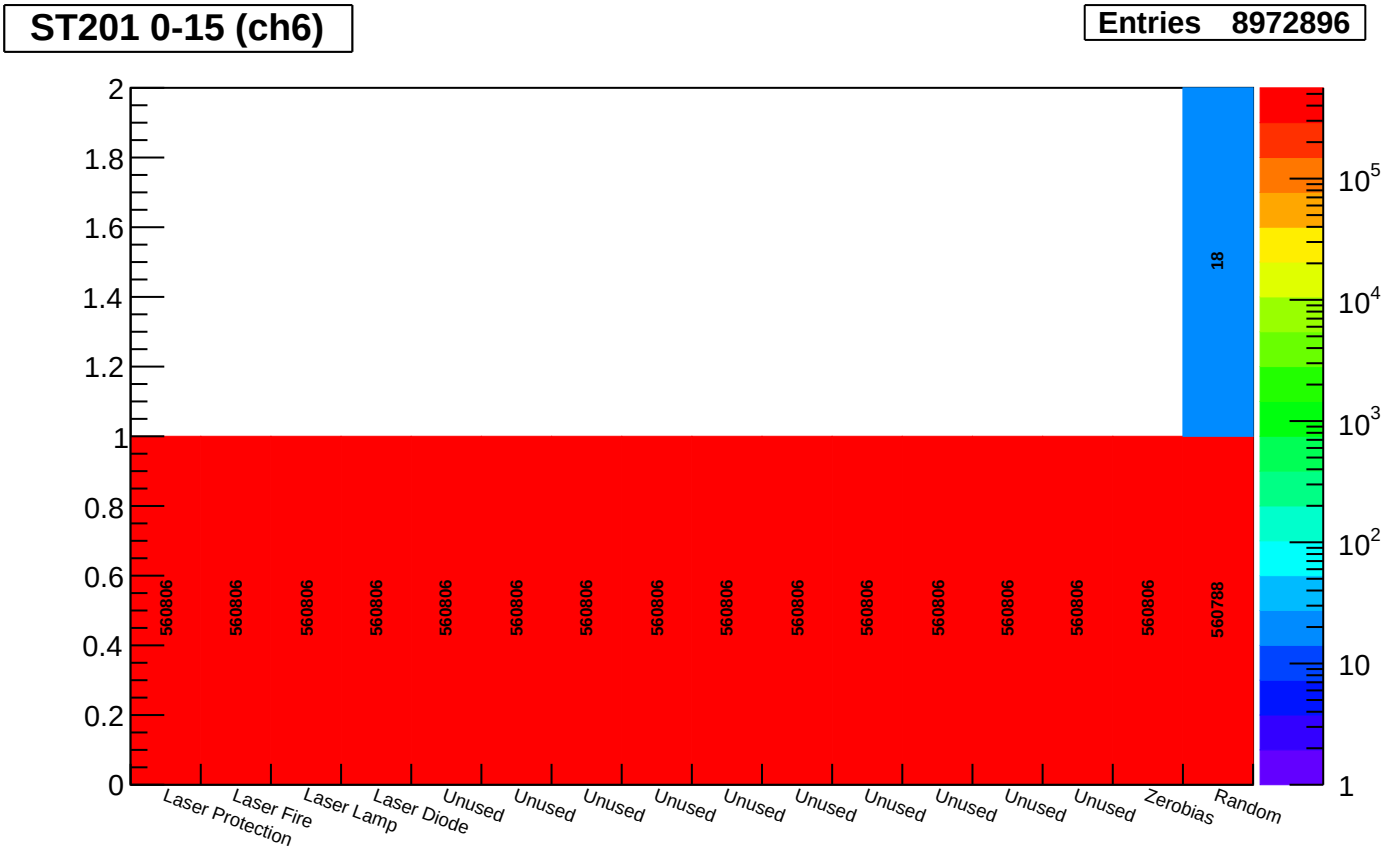

Entries 560806
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

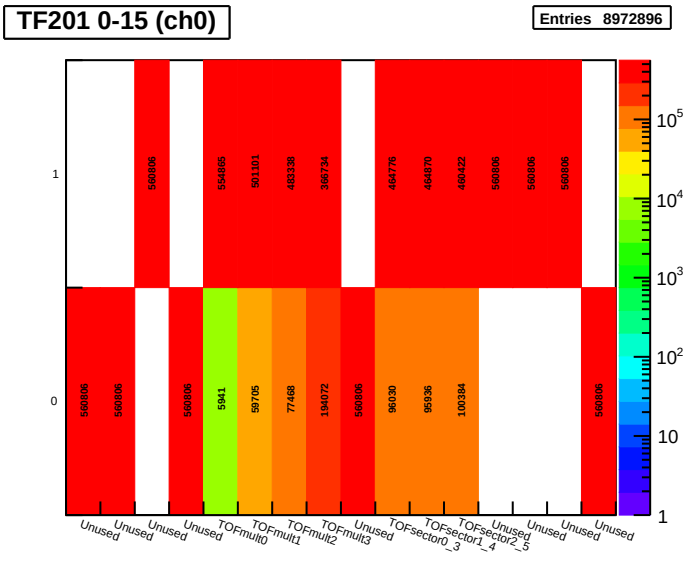

Entries 560806
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

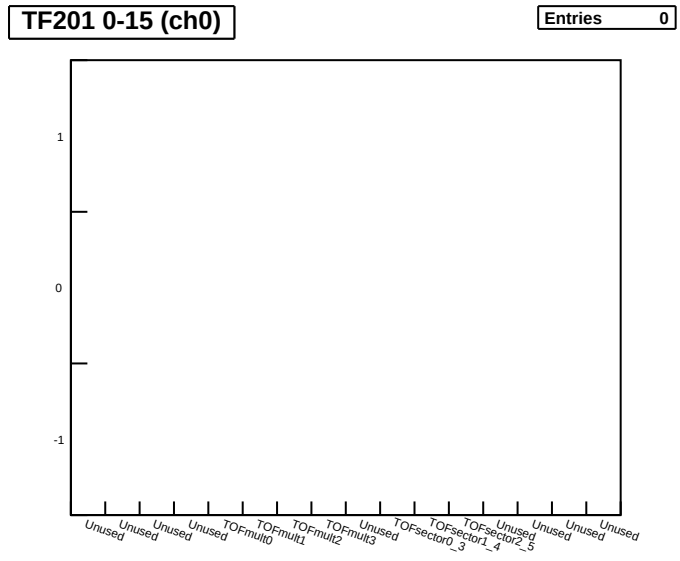

Entries 560806
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

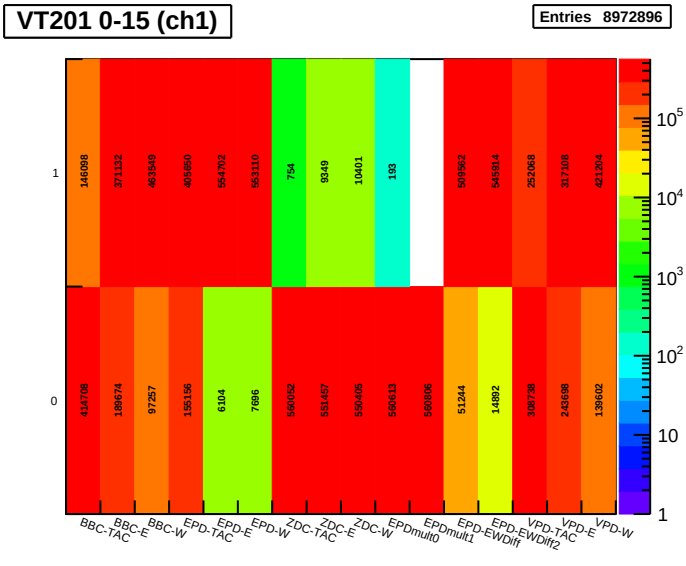

Entries 560806
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

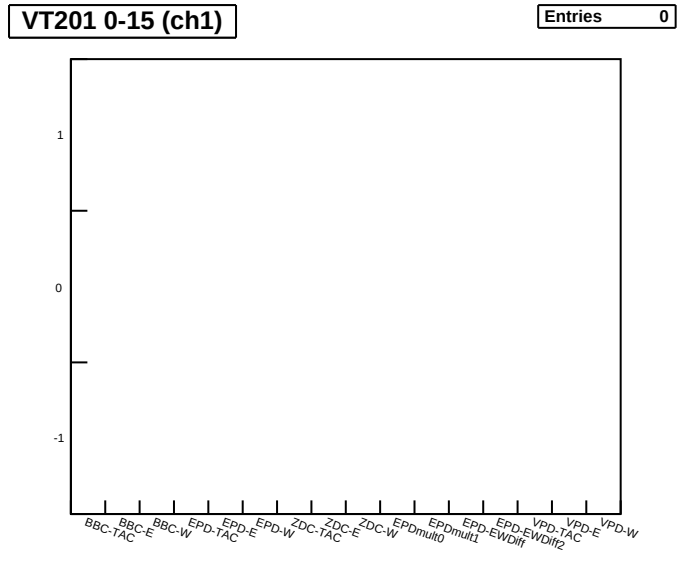

Laser Input Bits
Entries 560806
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

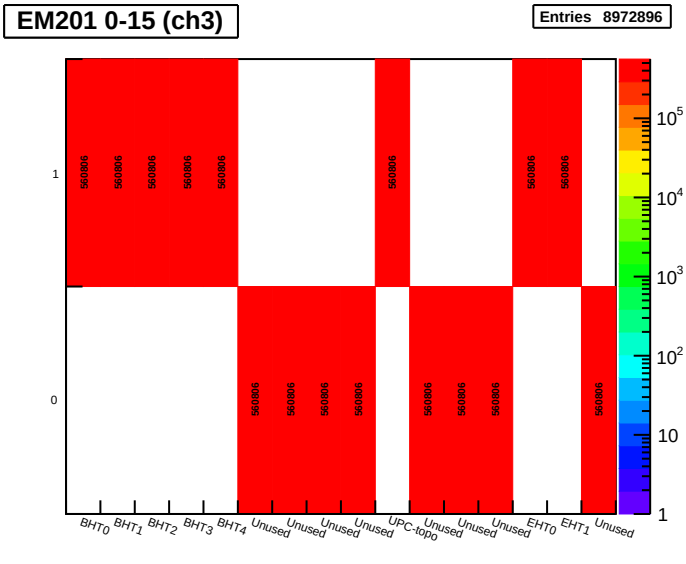

ST201 0-15 (ch6)
Entries 8972896
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
560806
560788
18
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

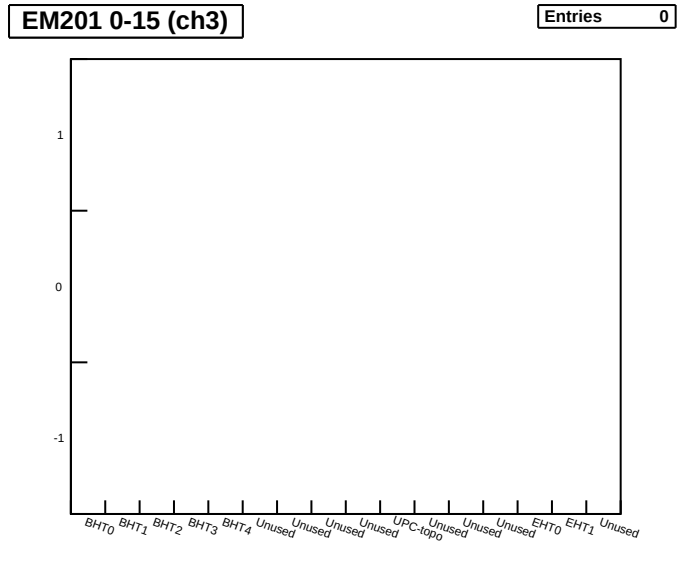

TF201 0-15 (ch0)
Entries 8972896
1
0
560806
554865
501101
483338
366734
464776
464870
460422
560806
560806
560806
560806
560806
5941
59705
77468
194072
560806
96030
95936
100384
560806
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 8972896
1
0
146098
371132
463549
405650
554702
553110
754
9349
10401
193
509552
545914
252068
317108
421204
434708
189674
97257
155156
6104
7696
560052
553457
550405
560613
560806
51244
14892
308738
243698
139602
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
1
10
10^2
10^3
10^4
10^5


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 8972896
1
0
560806
560806
560806
560806
560806
560806
560806
560806
560806
560806
560806
560806
560806
560806
560806
560806
560806
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1