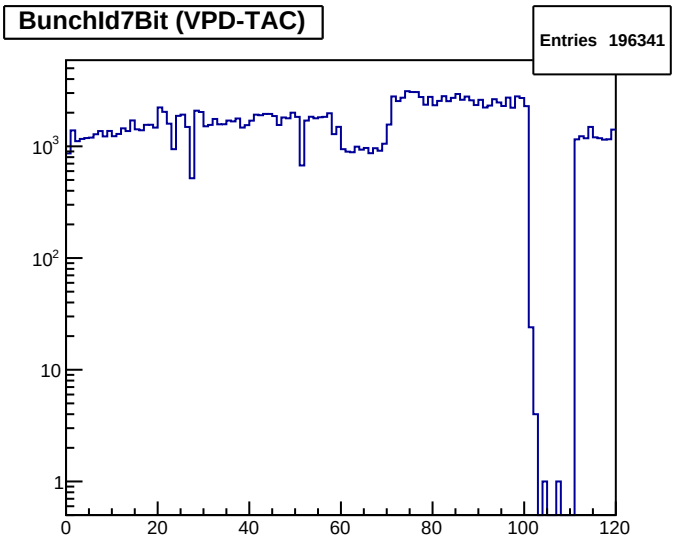
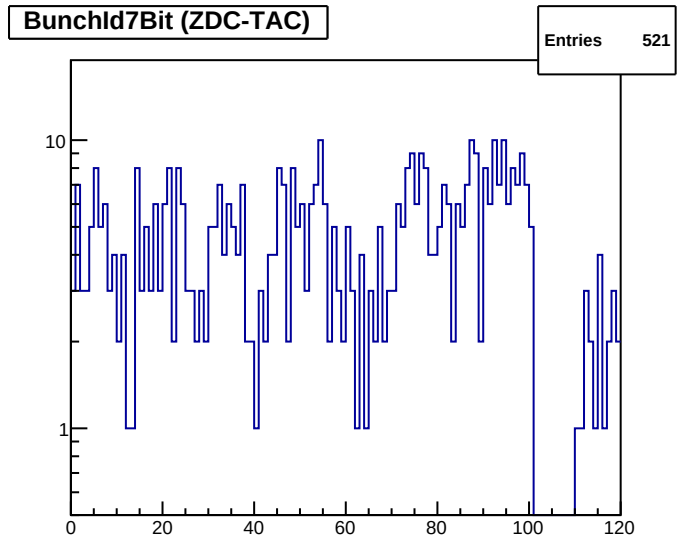
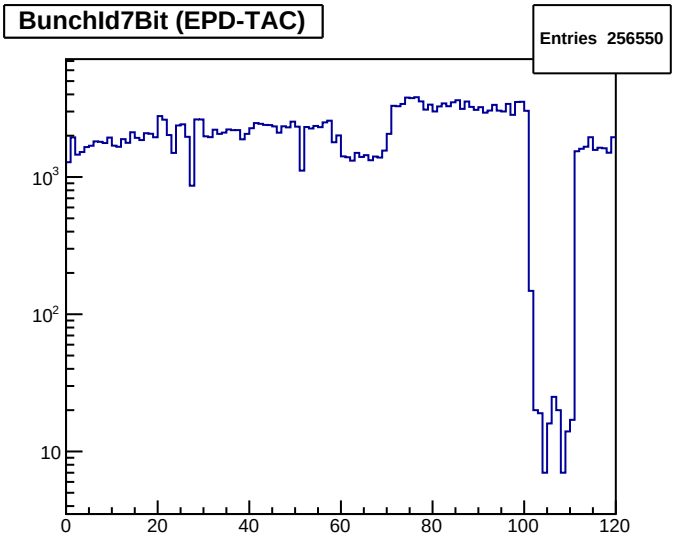
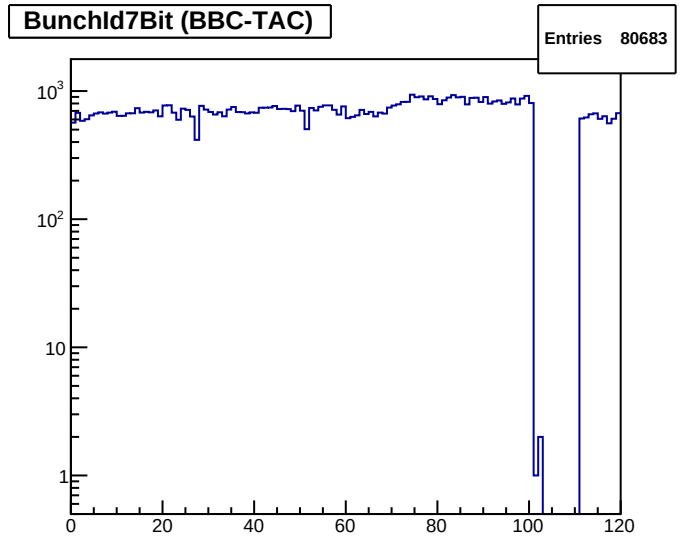
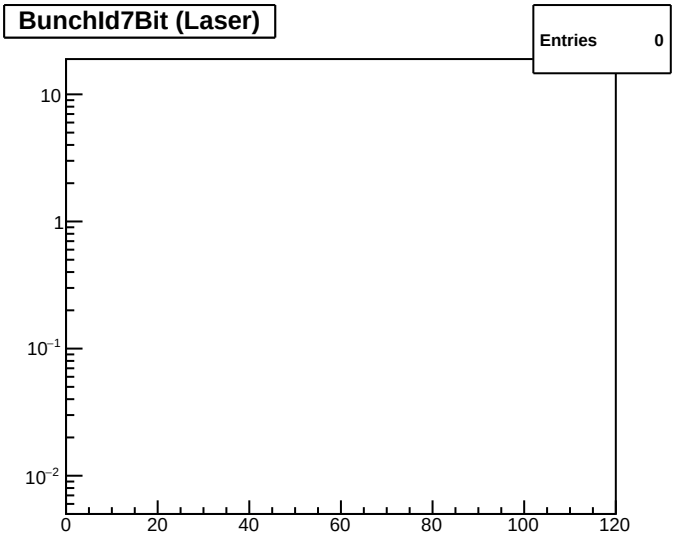
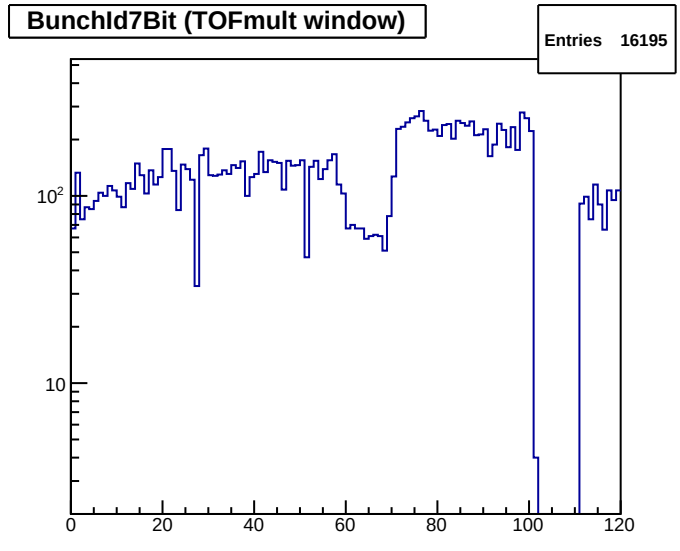

BunchId7Bit (VPD-TAC)
Entries 196341

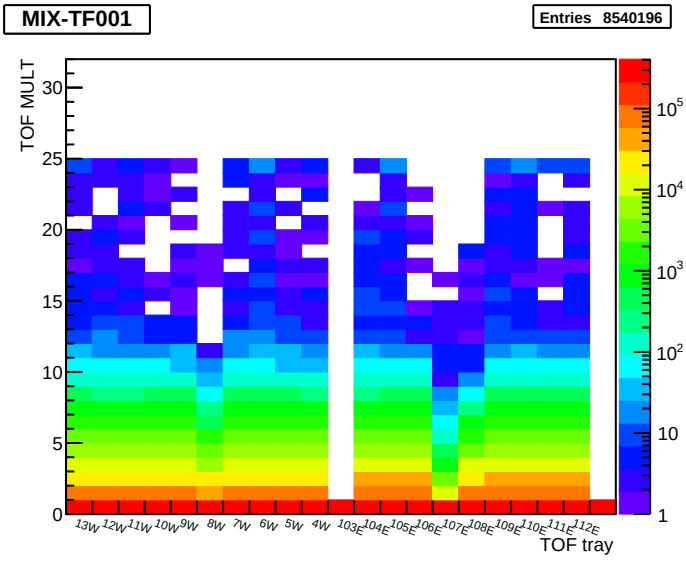

BunchId7Bit (ZDC-TAC)
Entries 521

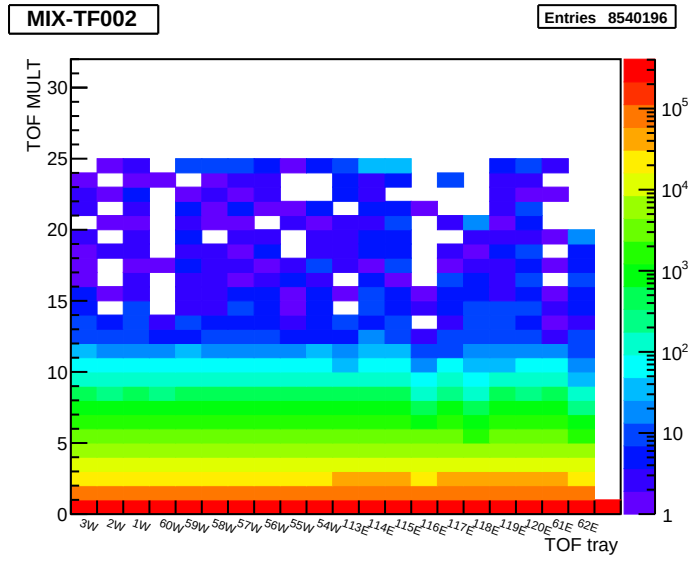

BunchId7Bit (EPD-TAC)
Entries 256550

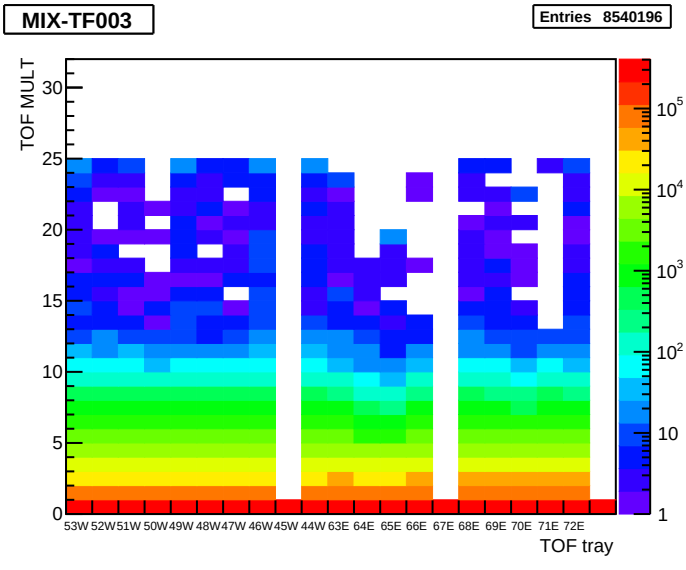

BunchId7Bit (BBC-TAC)
Entries 80683

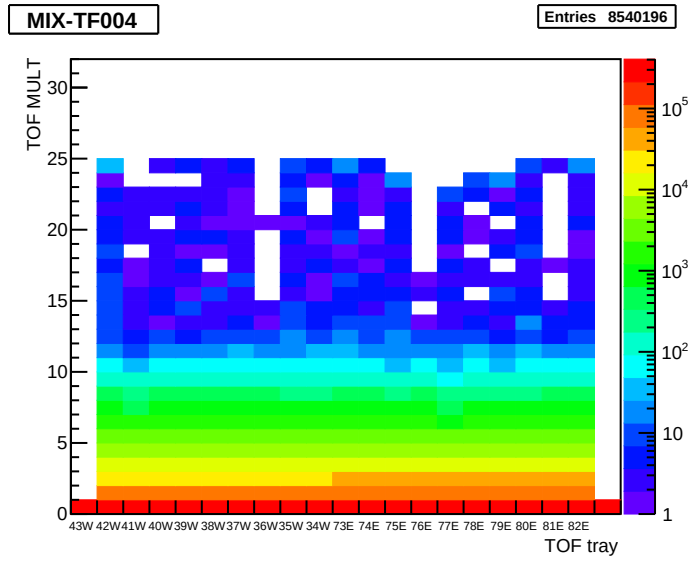

BunchId7Bit (Laser)
Entries 0

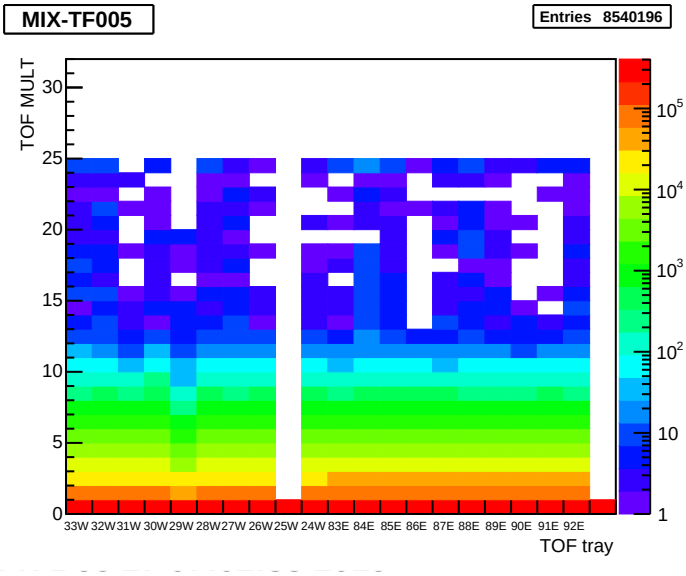

BunchId7Bit (TOFmult window)
Entries 16195

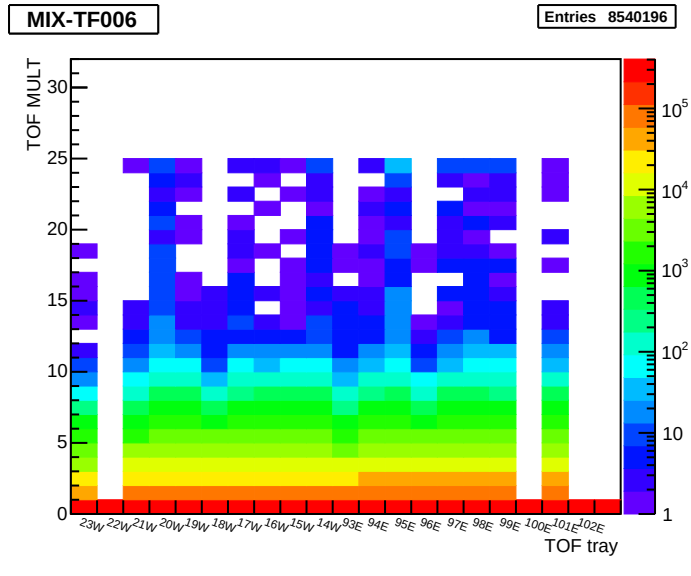

MIX-TF001
Entries 8540196
TOF MULT
TOF tray

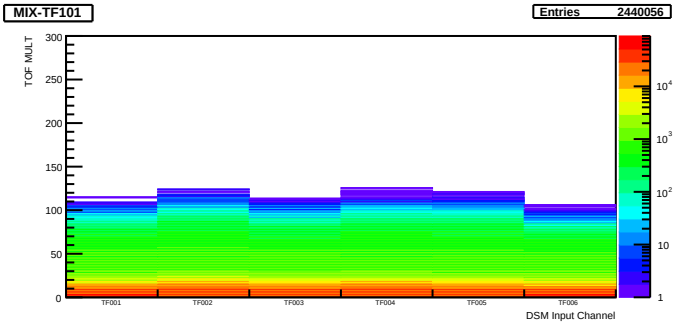

MIX-TF002
Entries 8540196
TOF MULT
TOF tray

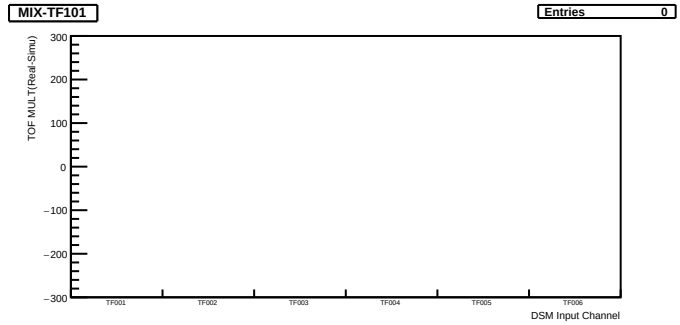

MIX-TF003
Entries 8540196
TOF MULT
TOF tray

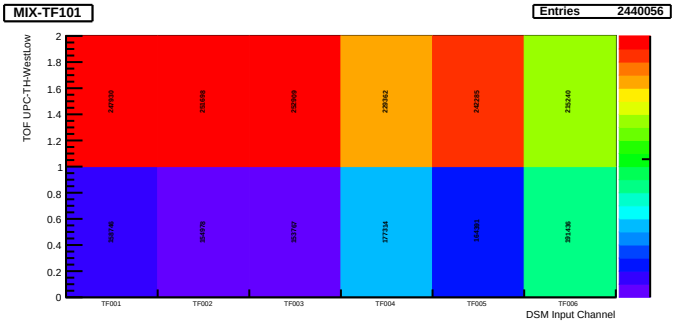

MIX-TF004
Entries 8540196
TOF MULT
TOF tray

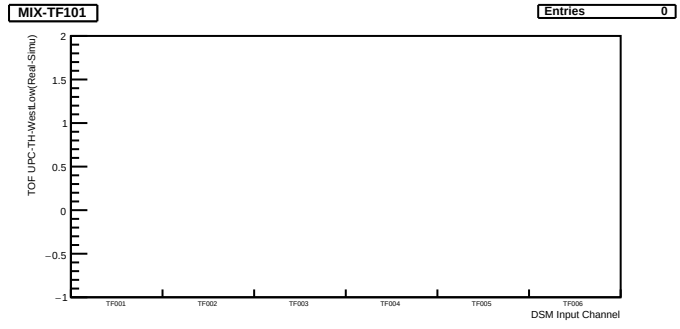

MIX-TF005
Entries 8540196
TOF MULT
TOF tray

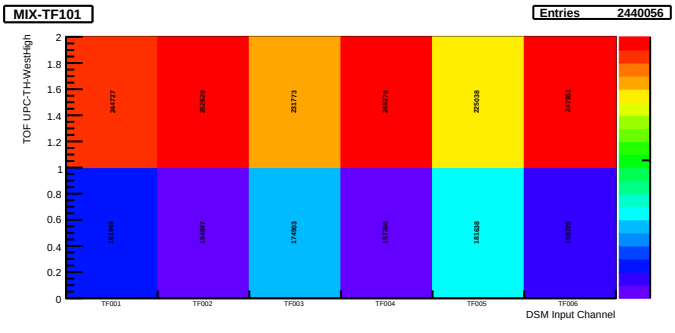

MIX-TF006
Entries 8540196
TOF MULT
TOF tray

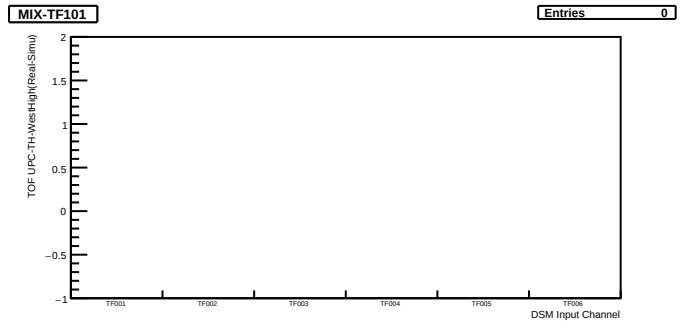

MIX-TF101
Entries 2440056
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

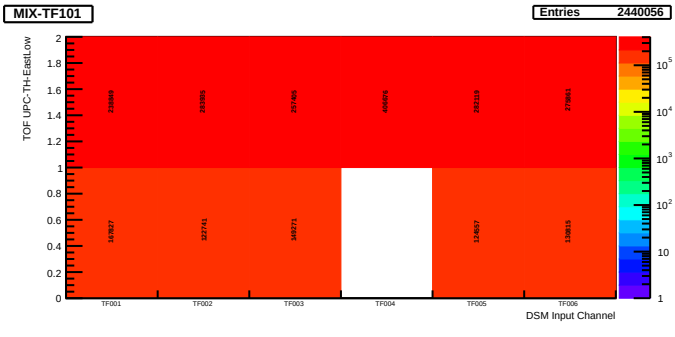

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

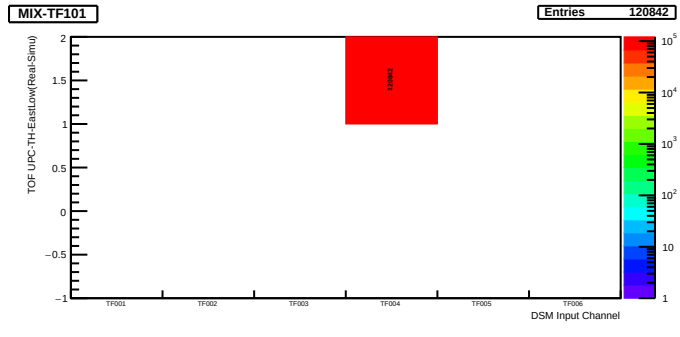

MIX-TF101
Entries 2440056
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

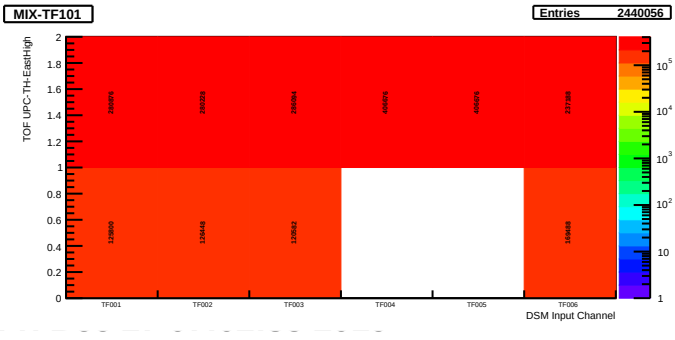

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

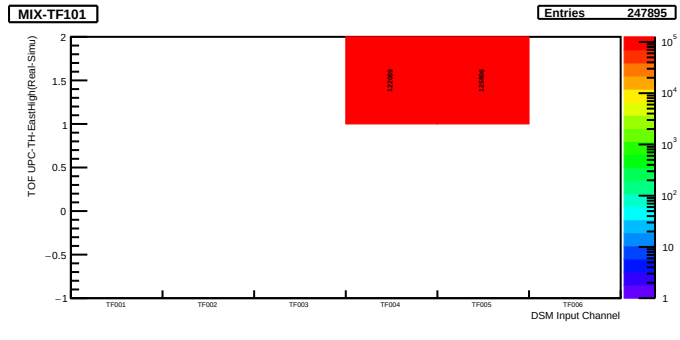

MIX-TF101
Entries 2440056
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

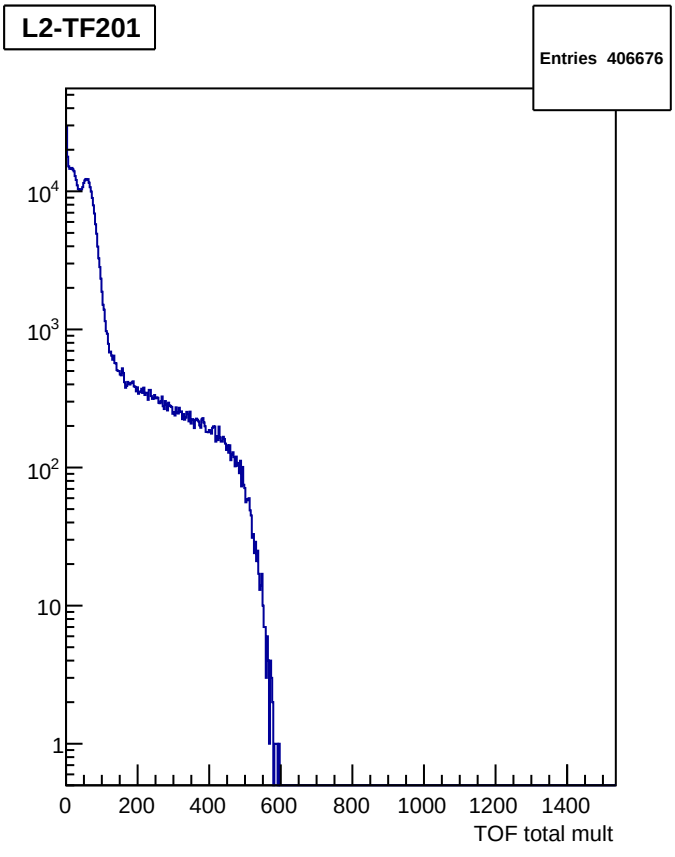

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

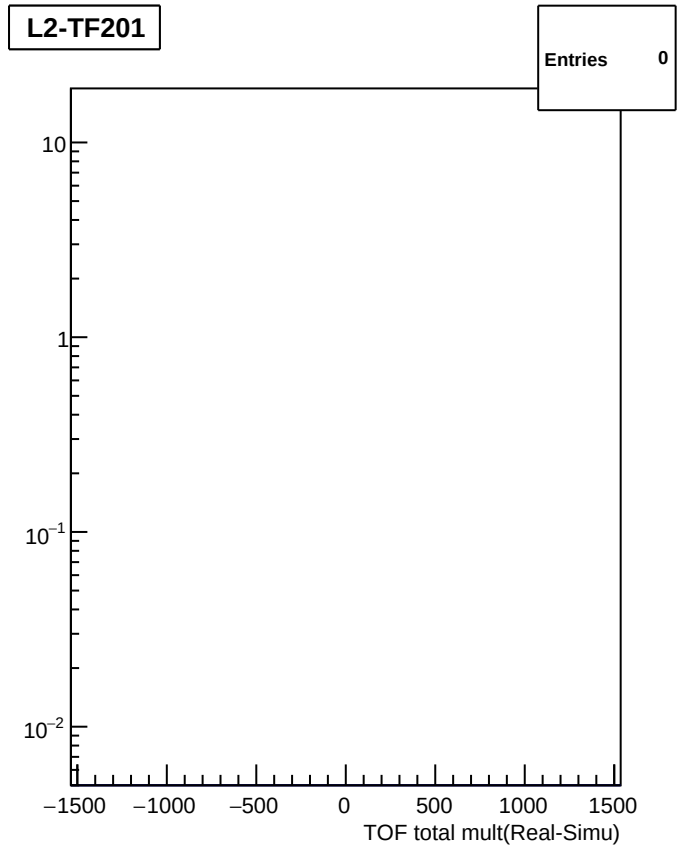

MIX-TF101
Entries 2440056
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

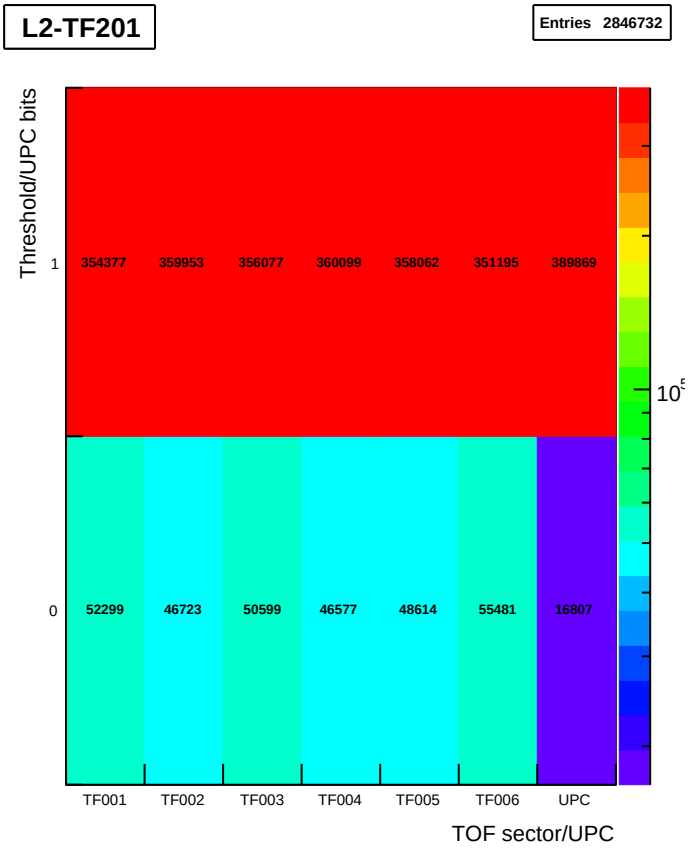

MIX-TF101
Entries 120842
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

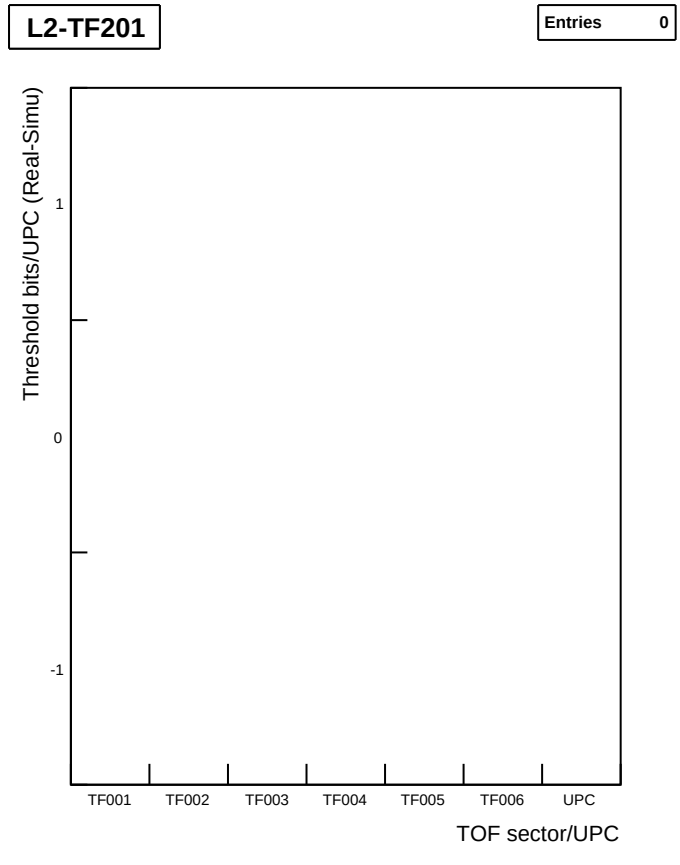

MIX-TF101
Entries 2440056
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

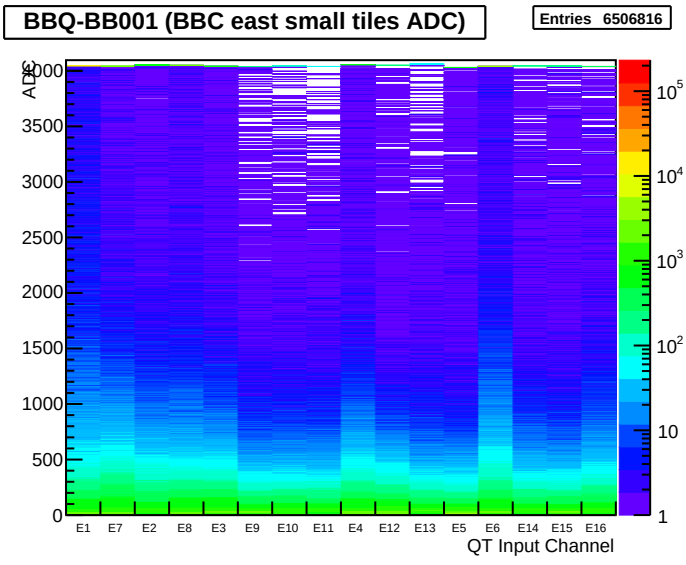

MIX-TF101
Entries 247895
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

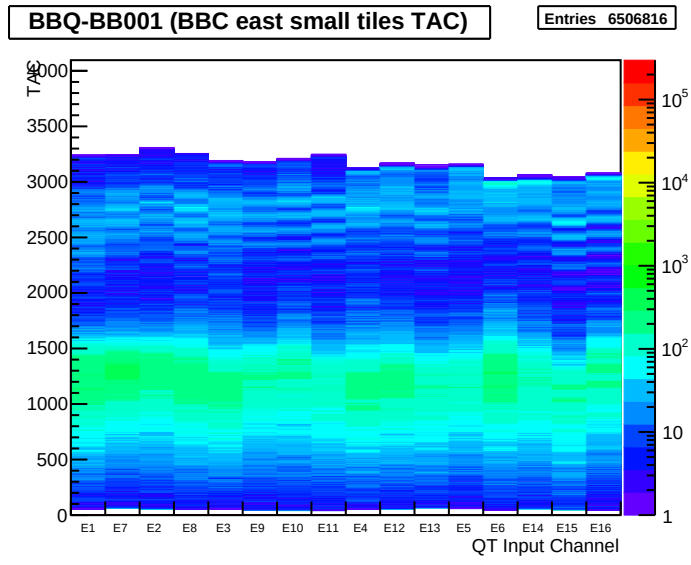

L2-TF201
Entries 406676
TOF total mult

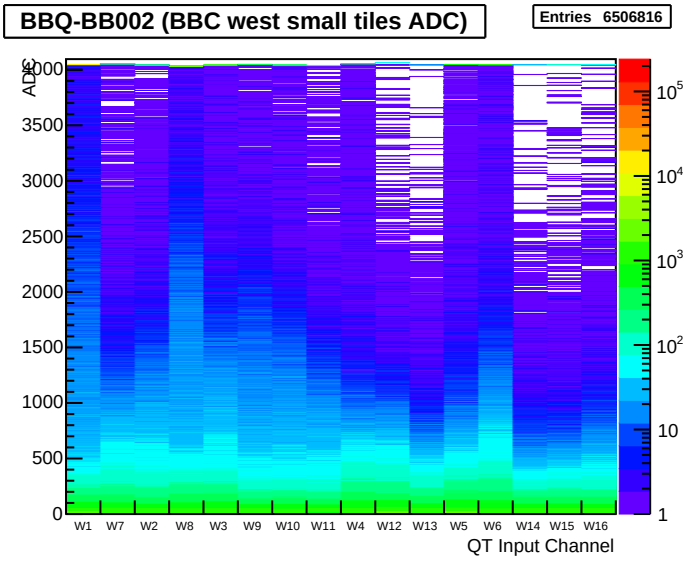

L2-TF201
Entries 0
TOF total mult(Real-Simu)

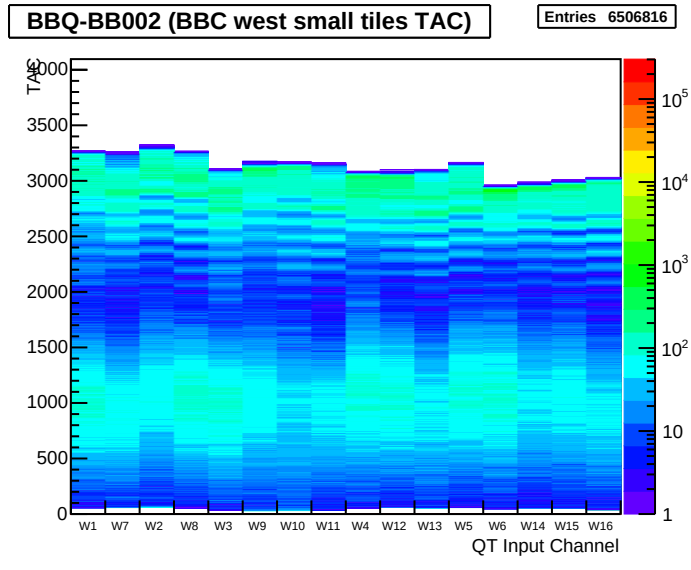

L2-TF201
Entries 2846732
Threshold/UPC bits
354377
359953
356077
360099
358062
351195
389869
52299
46723
50599
46577
48614
55481
16807
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

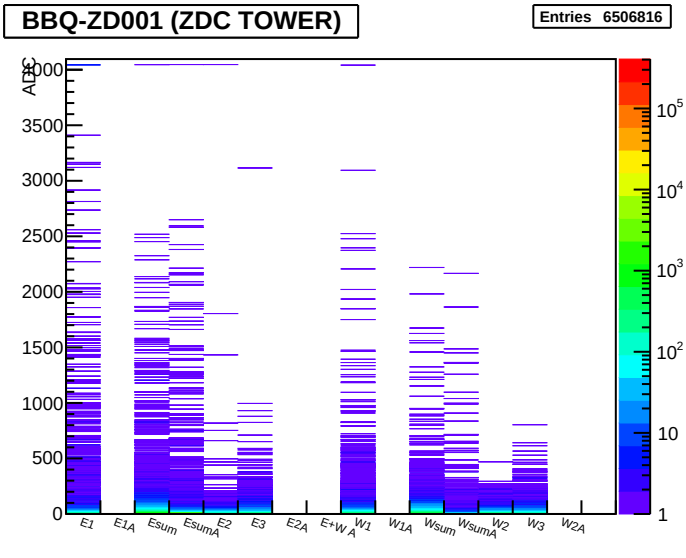

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

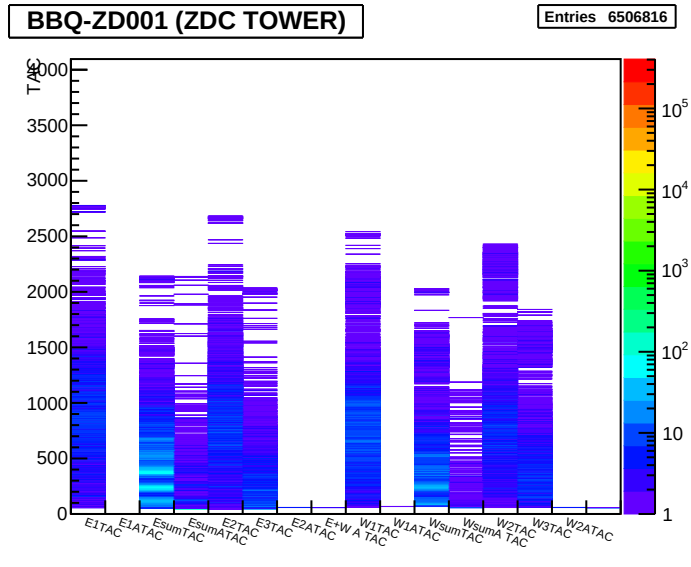

BBQ-BB001 (BBC east small tiles ADC)
Entries 6506816
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

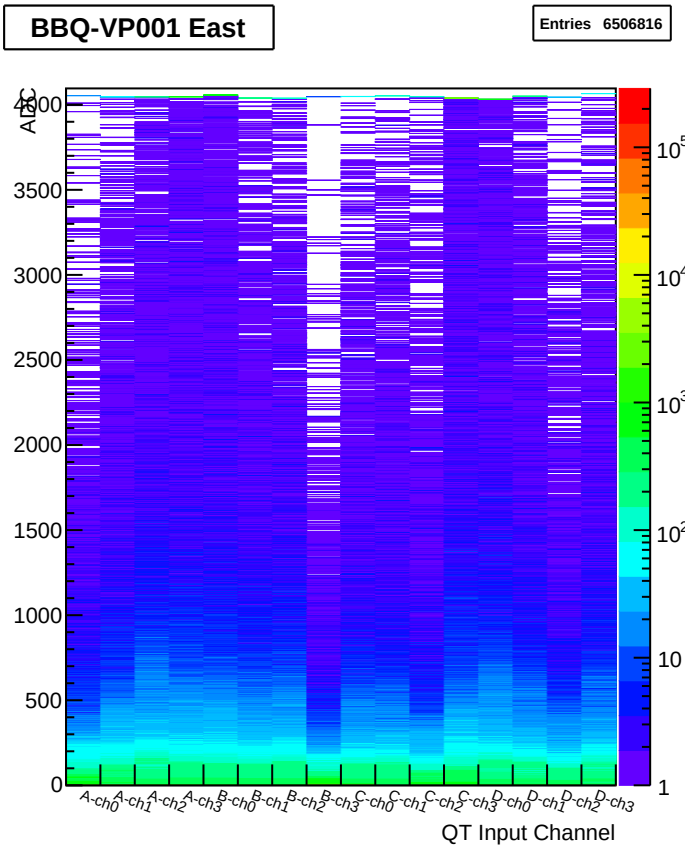

BBQ-BB001 (BBC east small tiles TAC)
Entries 6506816
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

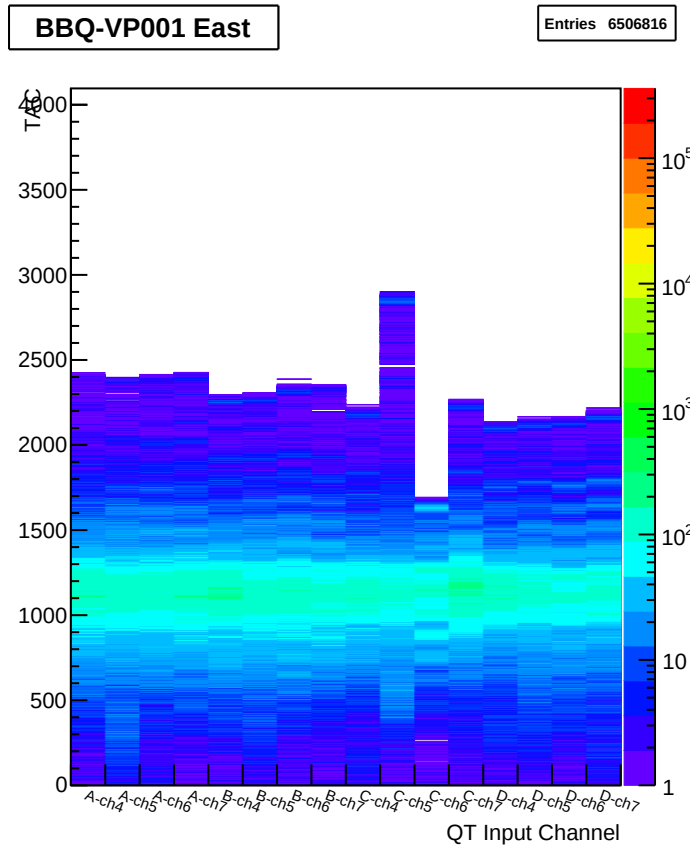

BBQ-BB002 (BBC west small tiles ADC)
Entries 6506816
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

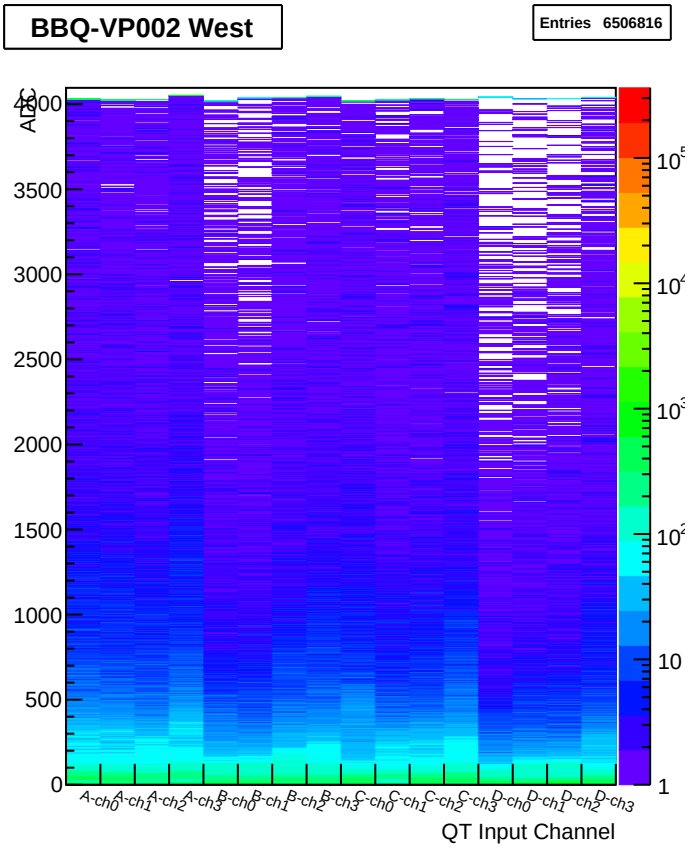

BBQ-BB002 (BBC west small tiles TAC)
Entries 6506816
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

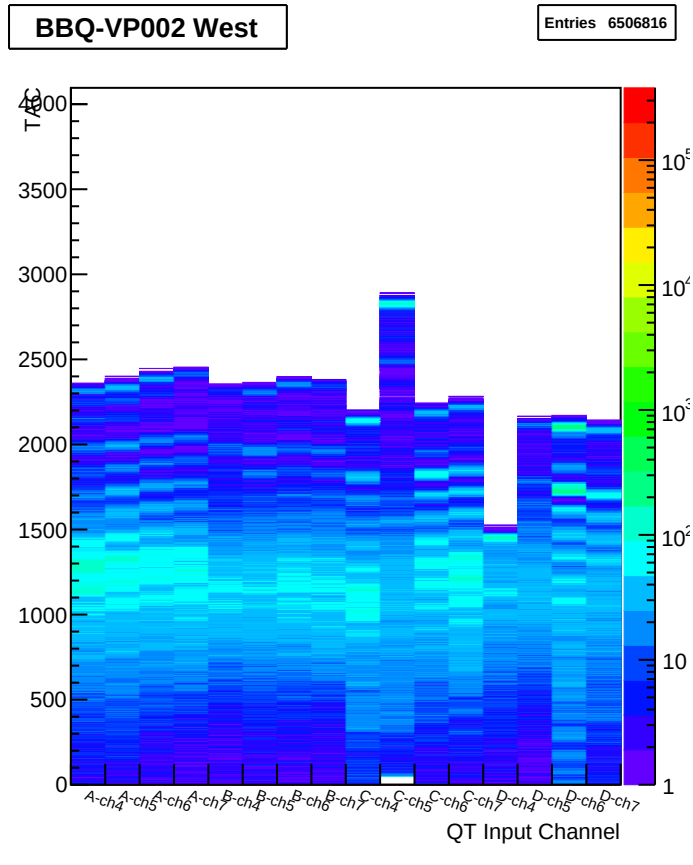

BBQ-ZD001 (ZDC TOWER)
Entries 6506816
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

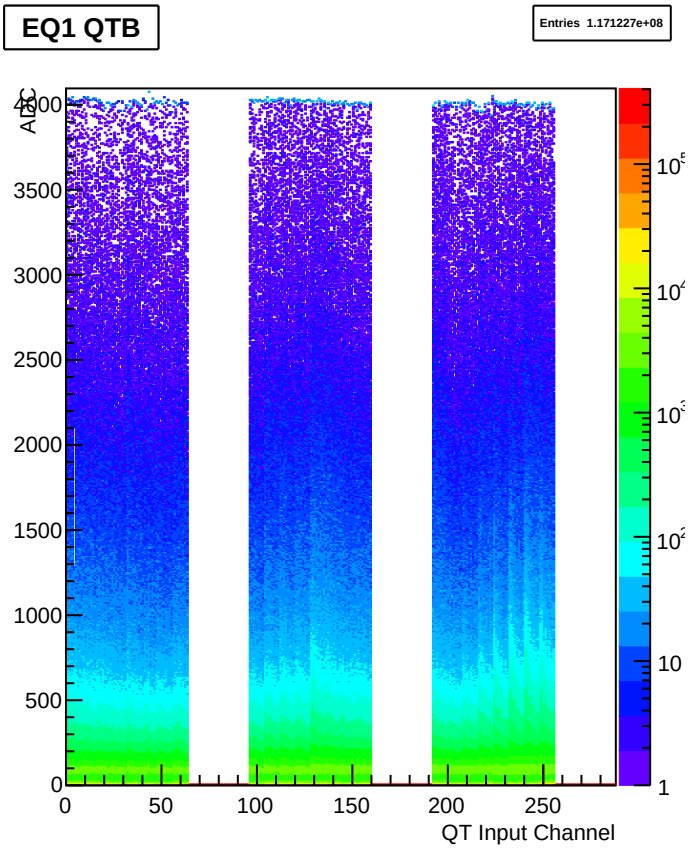

BBQ-ZD001 (ZDC TOWER)
Entries 6506816
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

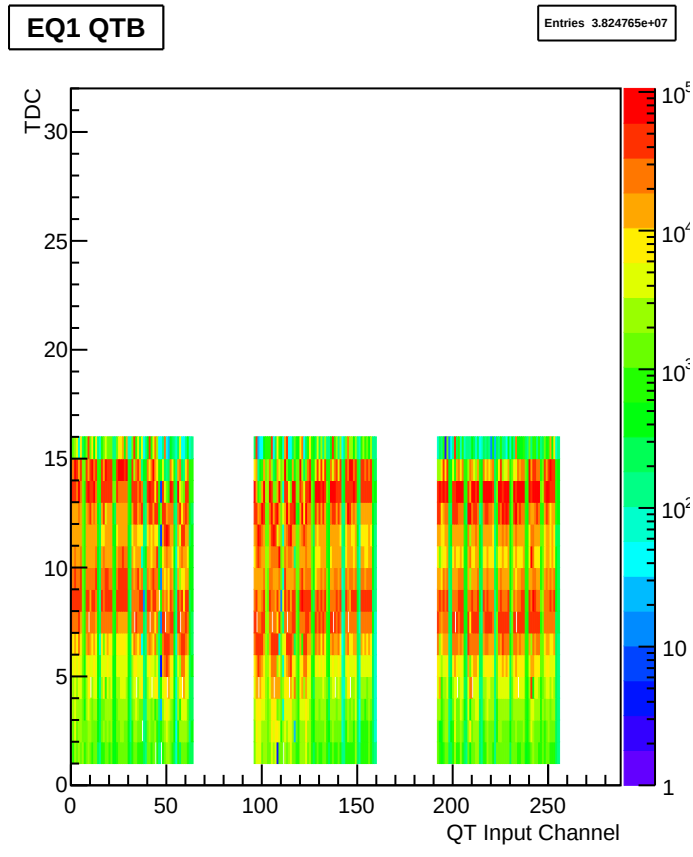

BBQ-VP001 East
Entries 6506816
ADC
QT Input Channel

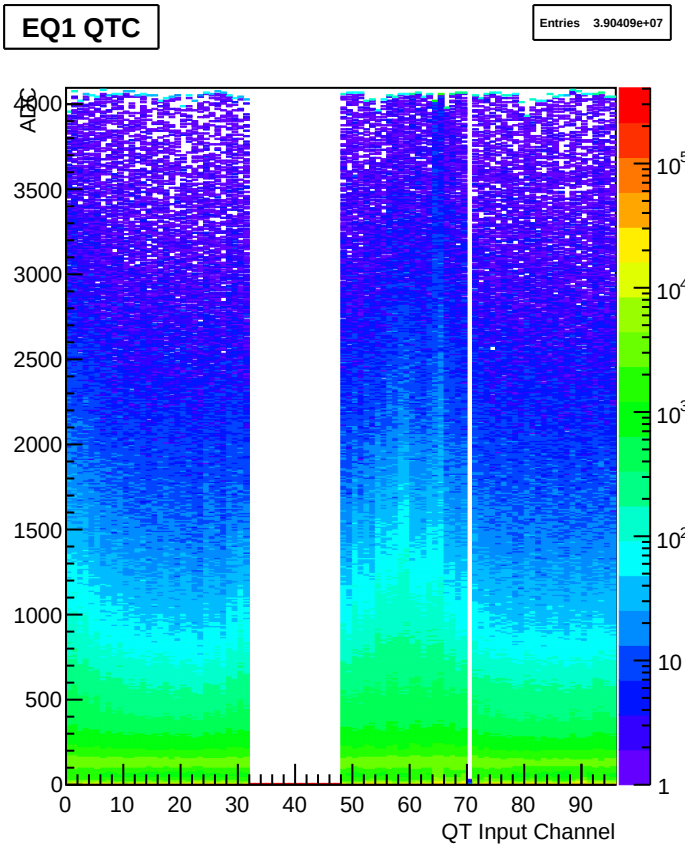

BBQ-VP001 East
Entries 6506816
ADC
QT Input Channel

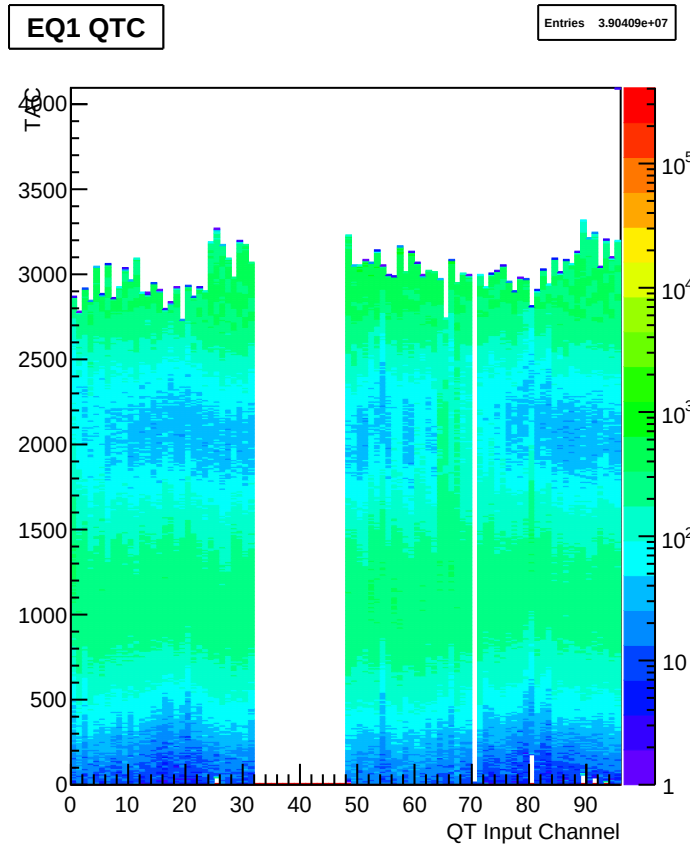

BBQ-VP002 West
Entries 6506816
ADC
QT Input Channel

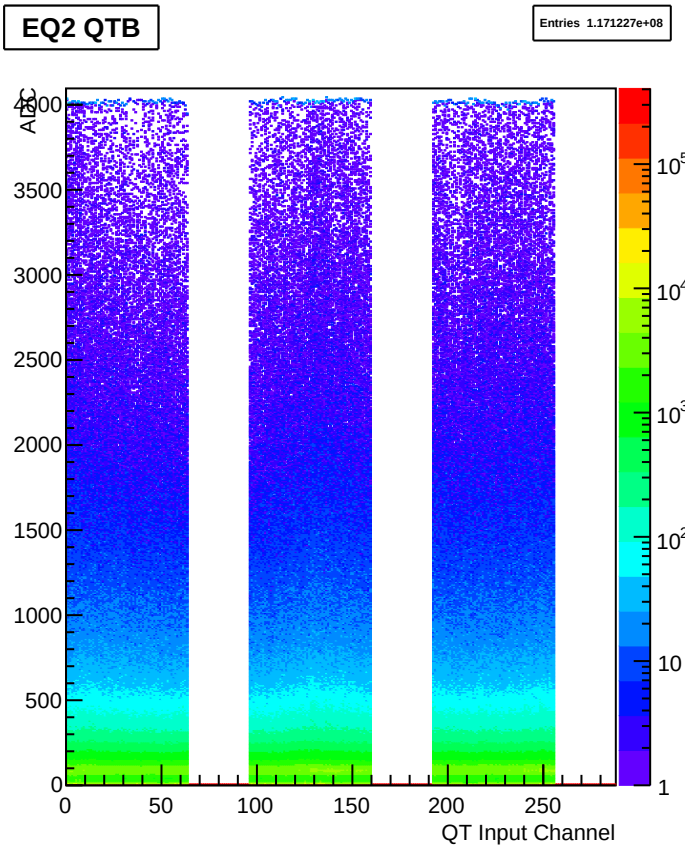

BBQ-VP002 West
Entries 6506816
ADC
QT Input Channel

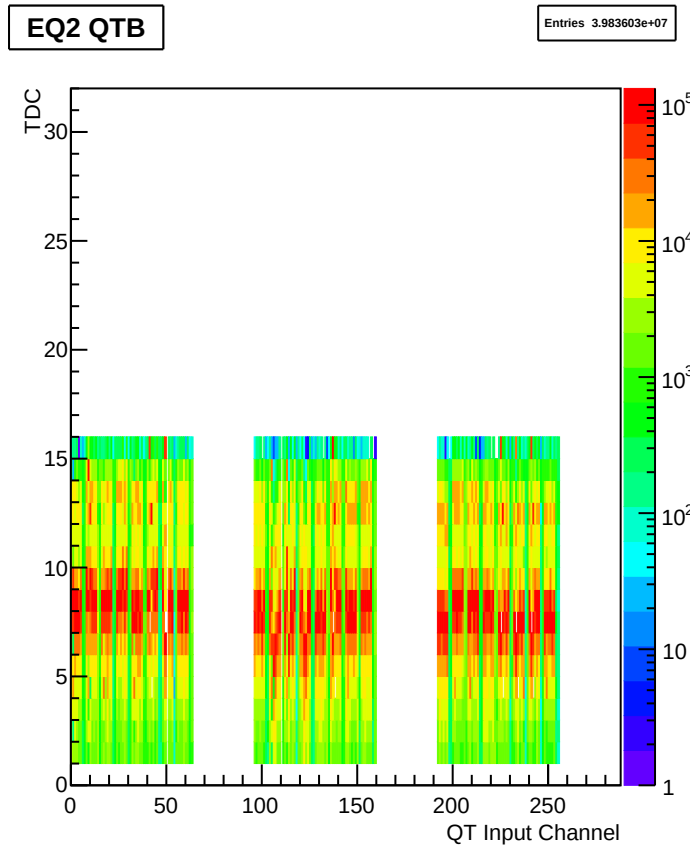

EQ1 QTB
Entries 1.171227e+08
ADC
QT Input Channel

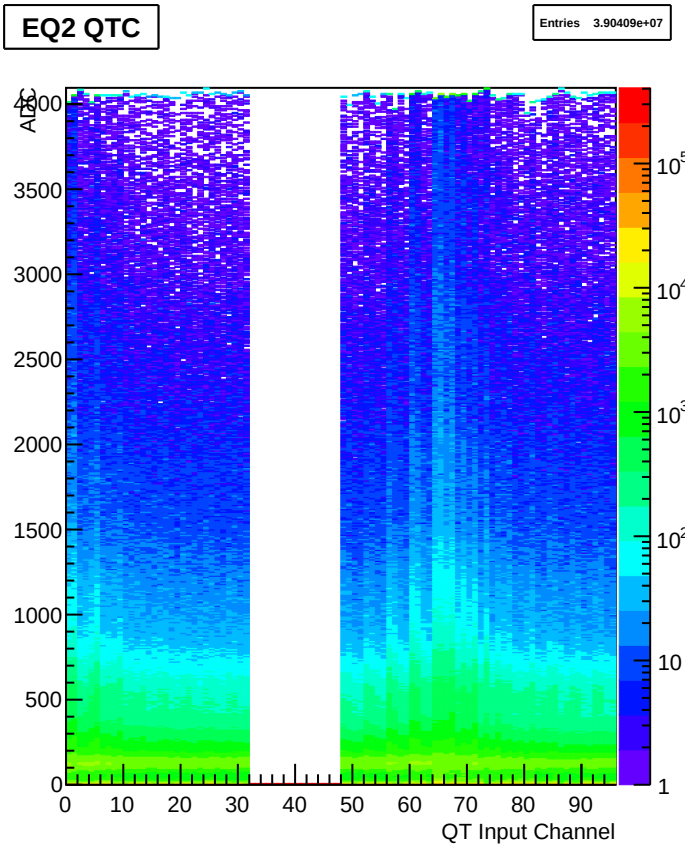

EQ1 QTB
Entries 3.824765e+07
TDC
QT Input Channel

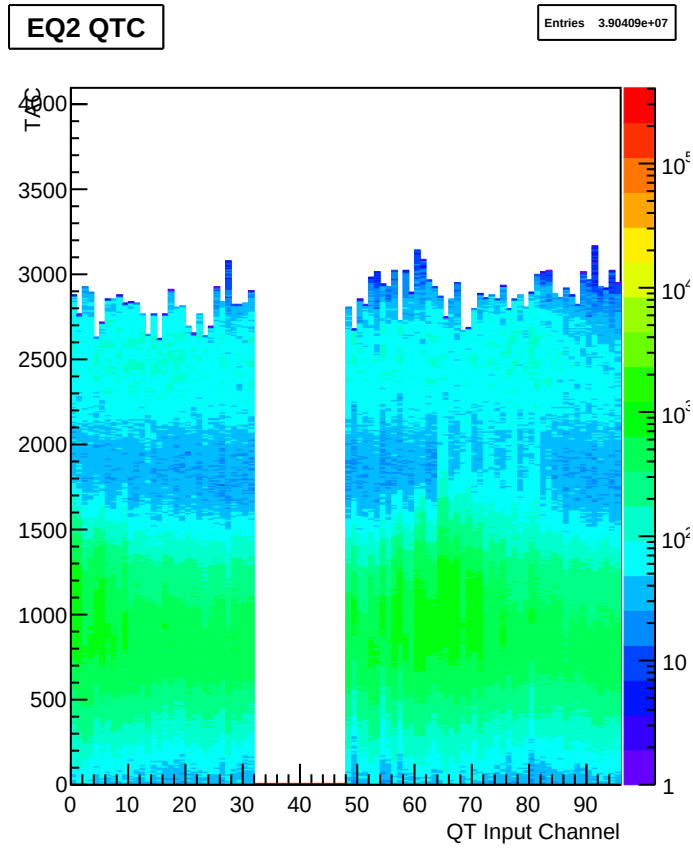

EQ1 QTC
Entries 3.90409e+07
ADC
QT Input Channel

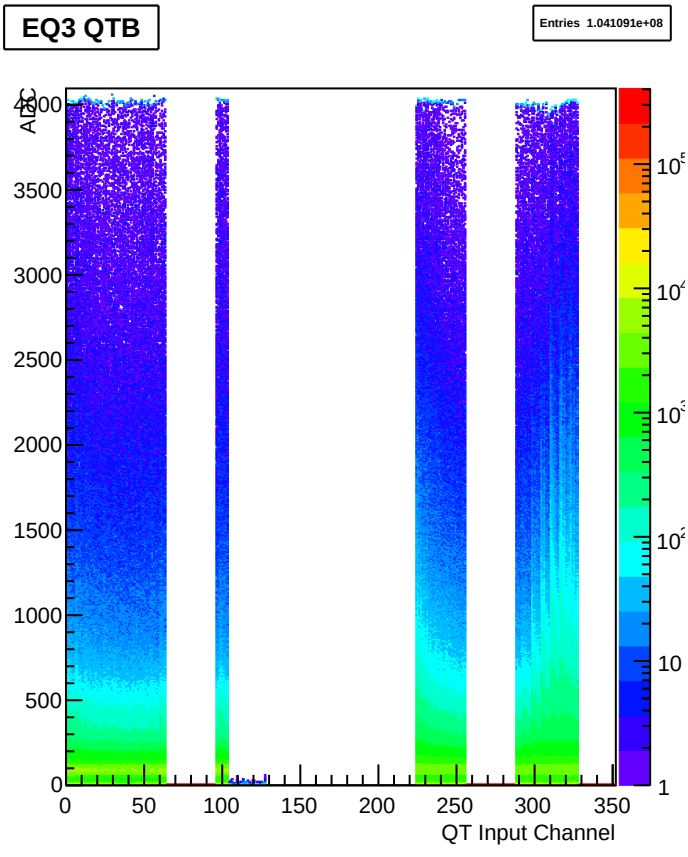

EQ1 QTC
Entries 3.90409e+07
TADC
QT Input Channel

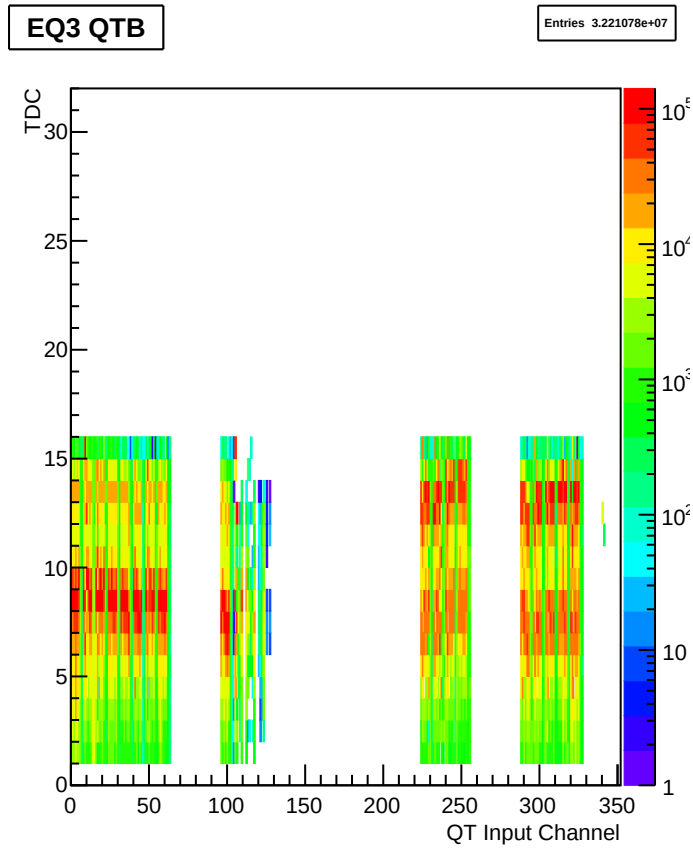

EQ2 QTB
Entries 1.171227e+08
ADC
QT Input Channel

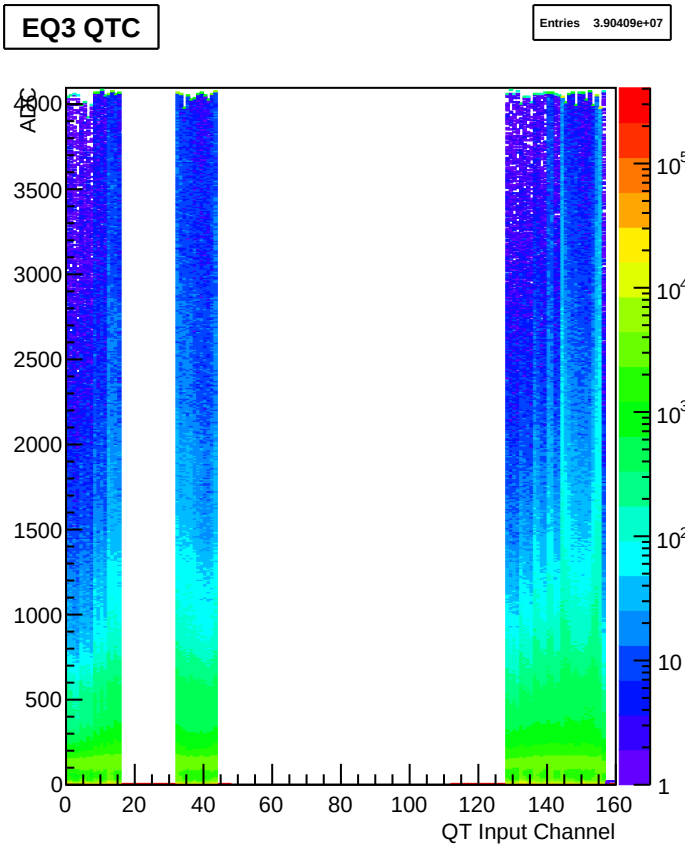

EQ2 QTB
Entries 3.983603e+07
TDC
QT Input Channel

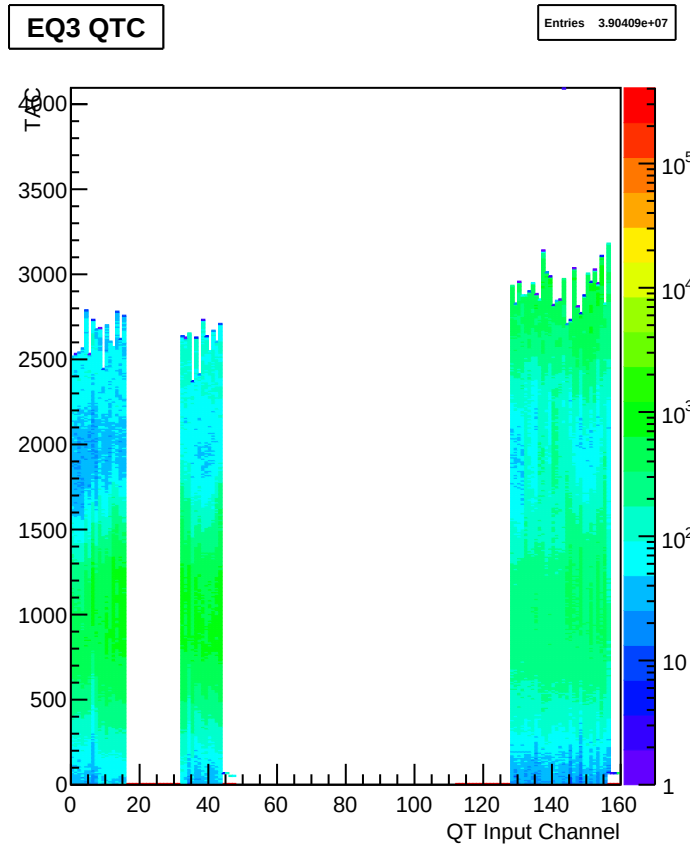

EQ2 QTC
Entries 3.90409e+07
ADC
QT Input Channel

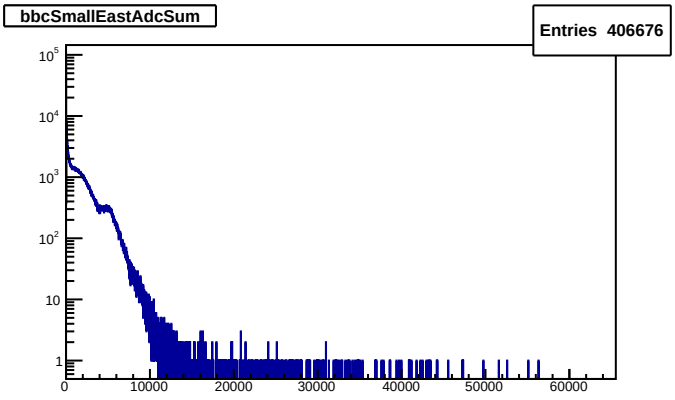

EQ2 QTC
Entries 3.90409e+07
TADC
QT Input Channel

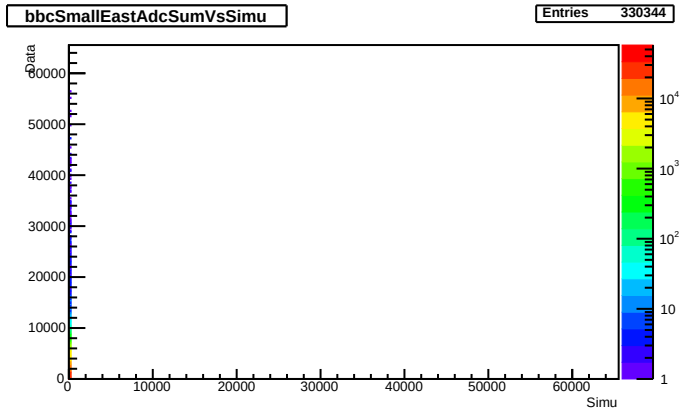

EQ3 QTB
Entries 1.041091e+08
ADC
QT Input Channel

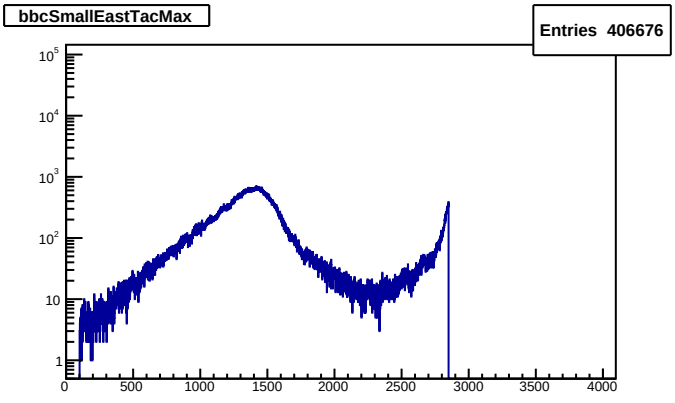

EQ3 QTB
Entries 3.221078e+07
TDC
QT Input Channel

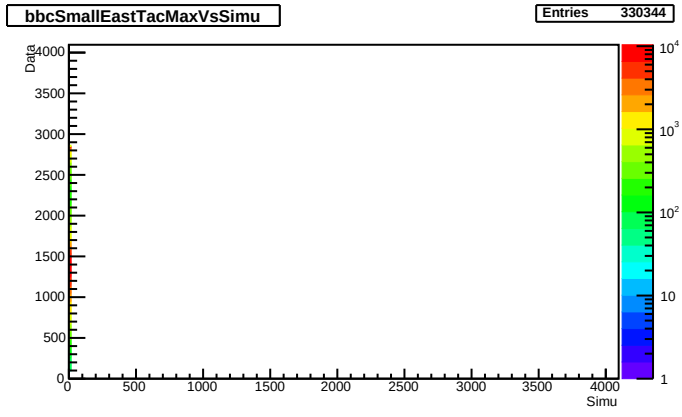

EQ3 QTC
Entries 3.90409e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.90409e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 406676


bbcSmallEastAdcSumVsSimu
Entries 330344
Data
Simu


bbcSmallEastTacMax
Entries 406676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Entries 330344
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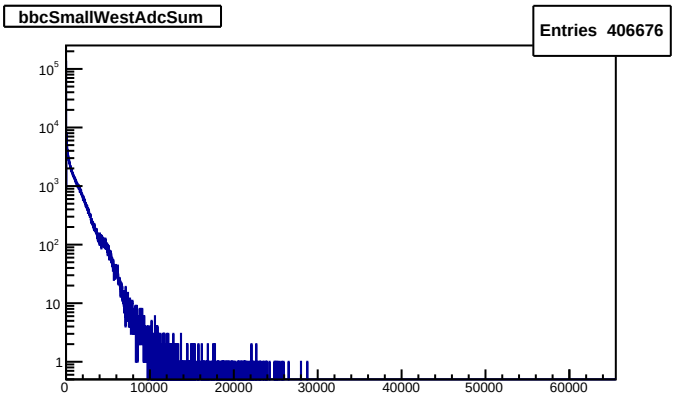
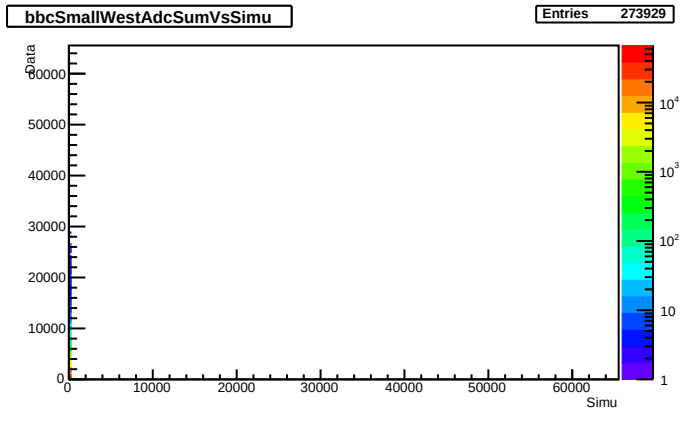
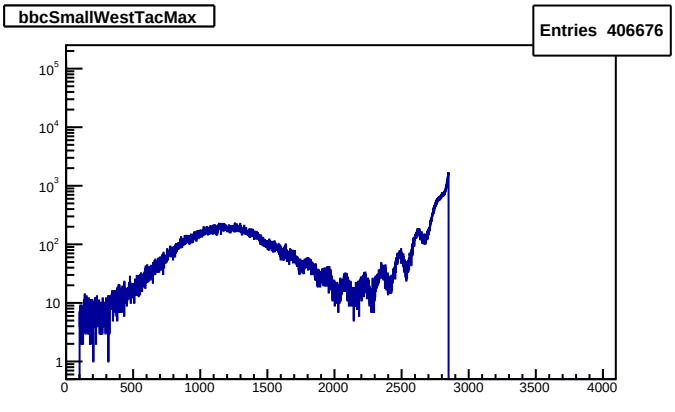
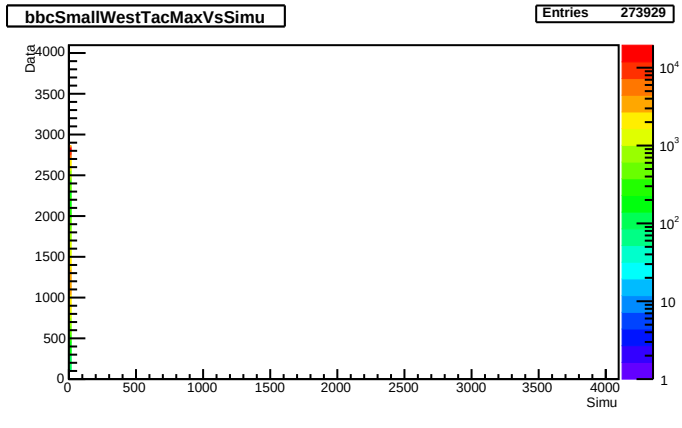

bbcSmallWestAdcSum
Entries 406676


bbcSmallWestAdcSumVsSimu
Entries 273929
Data
Simu


bbcSmallWestTacMax
Entries 406676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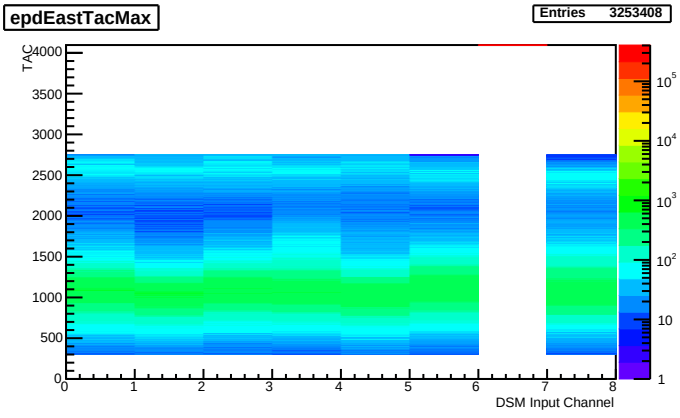
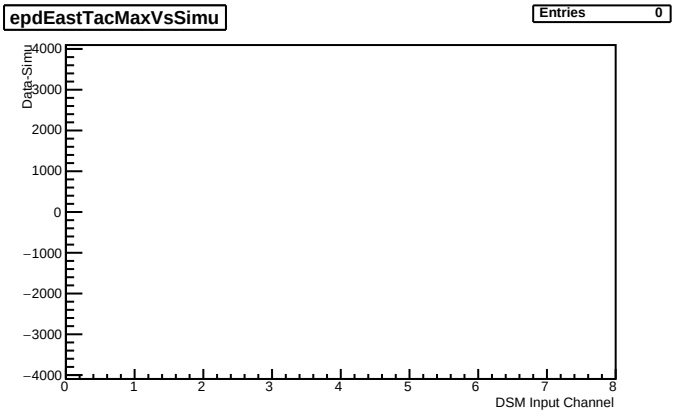
Entries 273929
Data
Simu


epdEastTacMax
Entries 3253408
TAC
DSM Input Channel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Entries 0
Data-Simu
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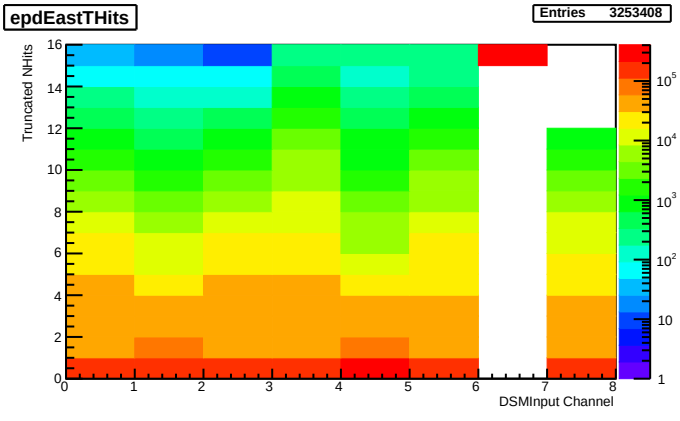
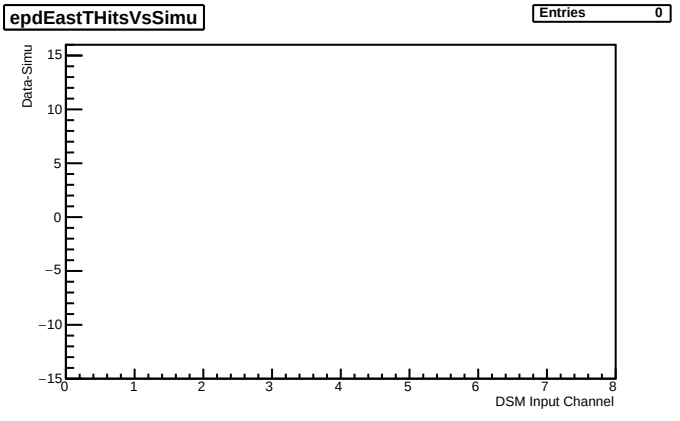

epdEastTHits
Entries 3253408
Truncated NHits
DSMInput Channel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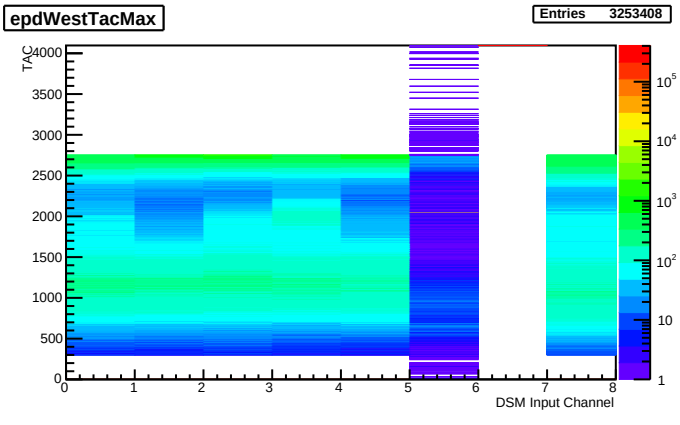
Data-Simu
DSM Input Channel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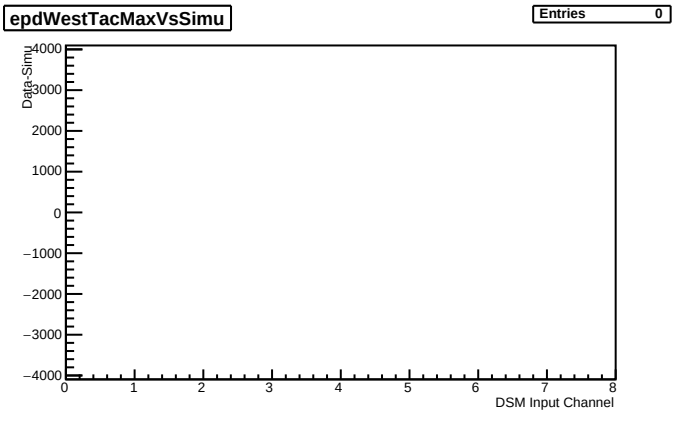
Entries 3253408
TAC
DSM Input Channel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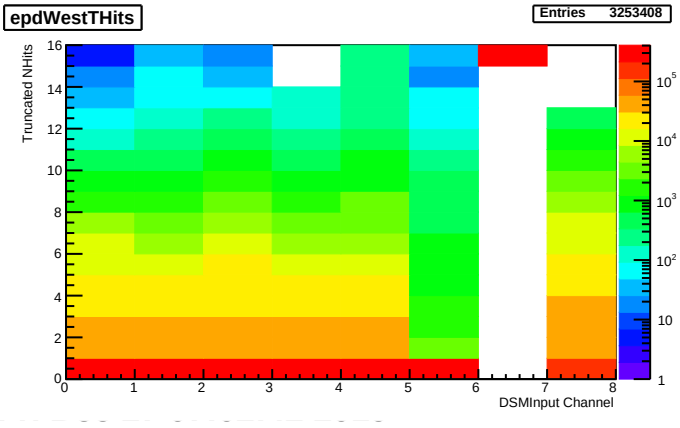
Entries 0
Data-Simu
DSM Input Channel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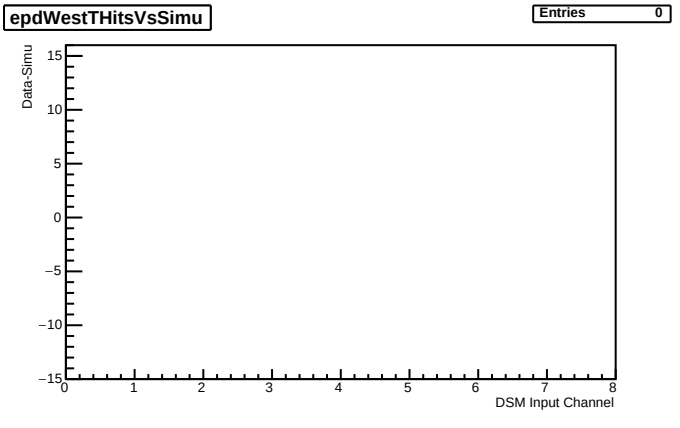
Entries 3253408
Truncated NHits
DSMInput Channel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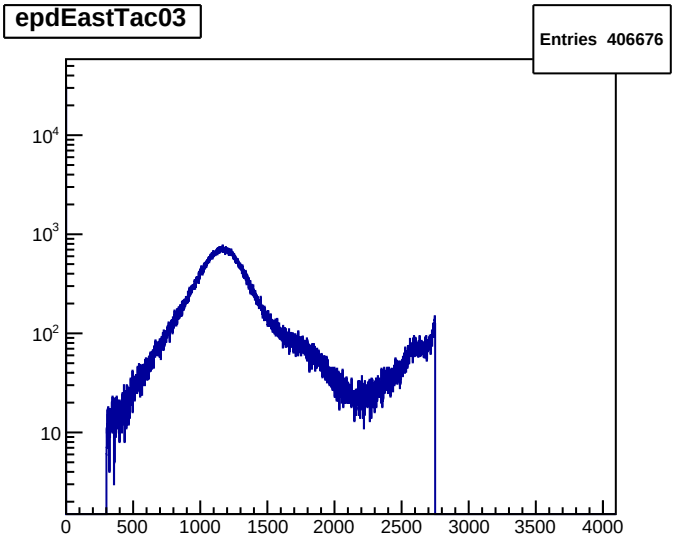
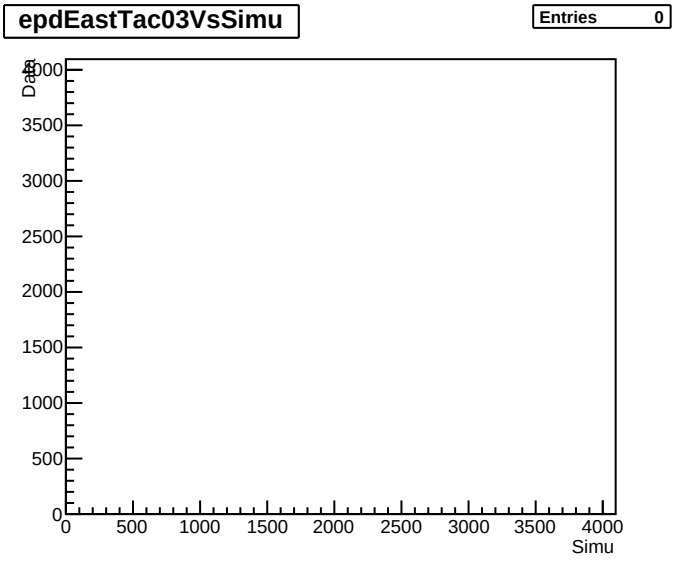
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 406676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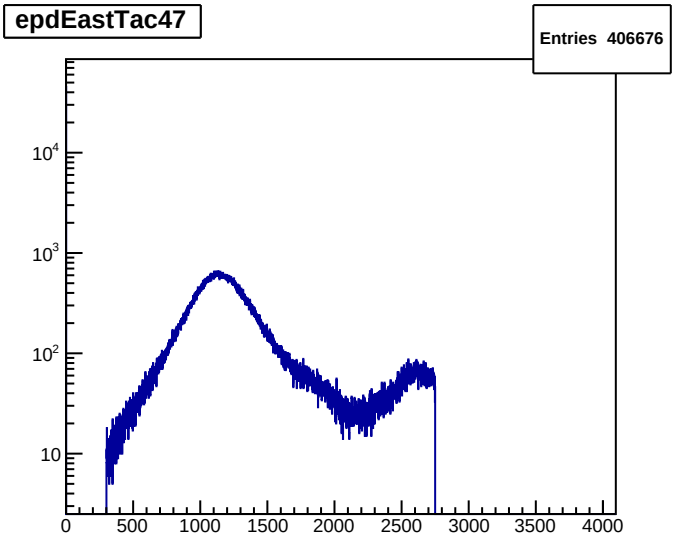
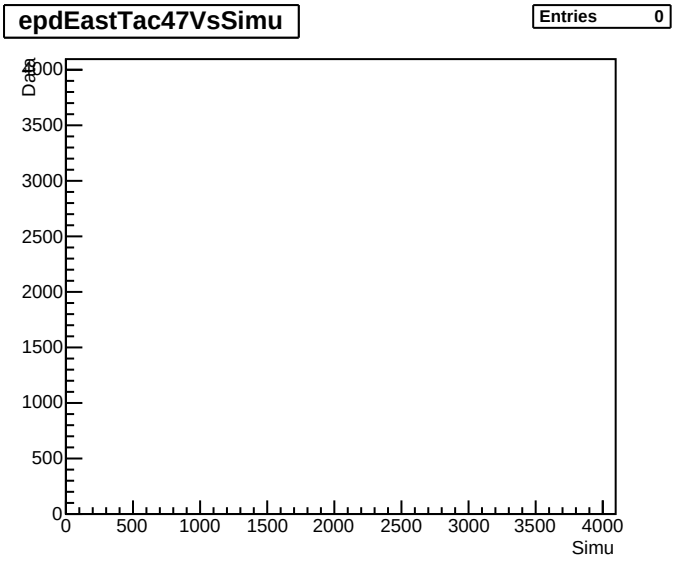
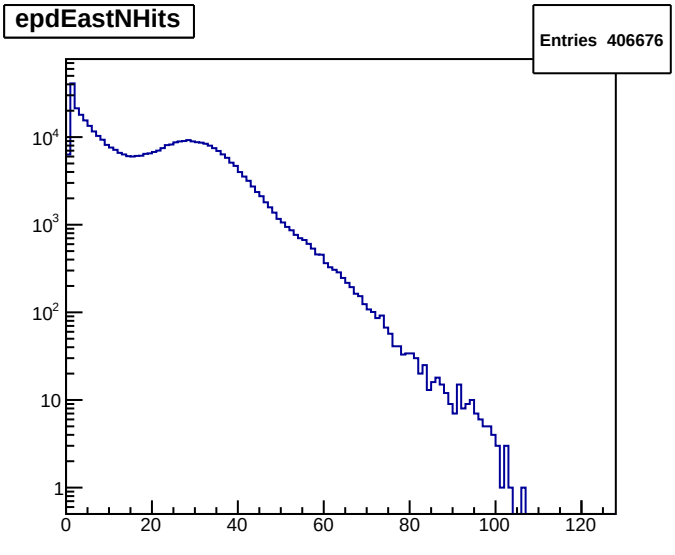
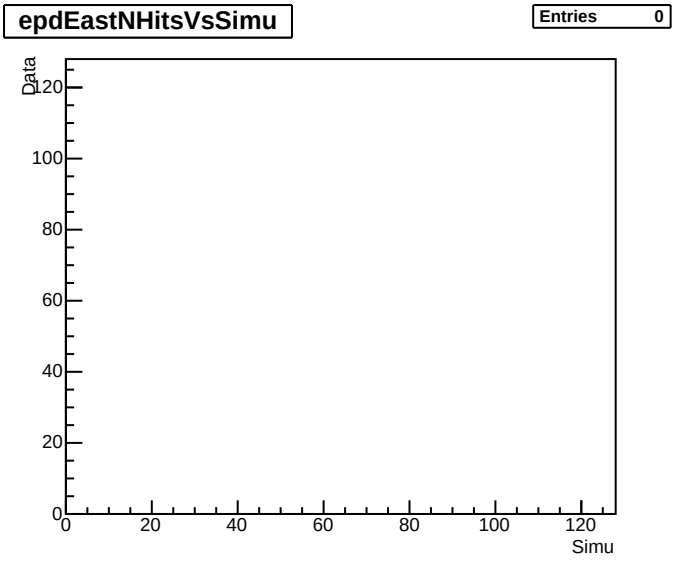
Entries 0
Data
Simu


epdEastTac47
Entries 406676


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 406676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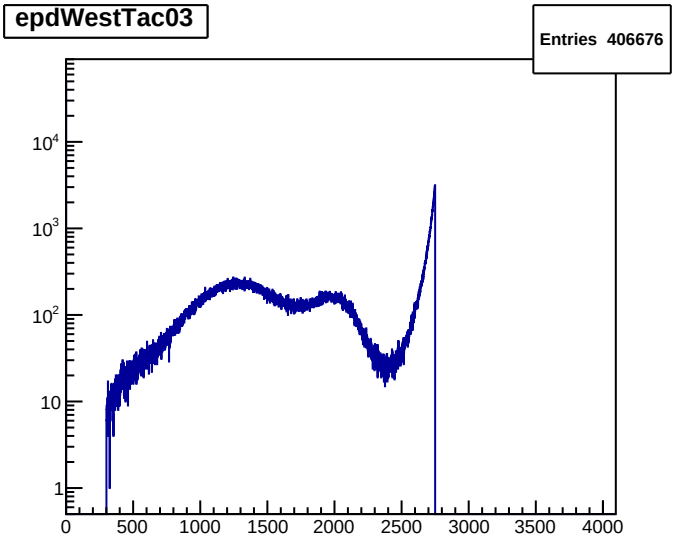
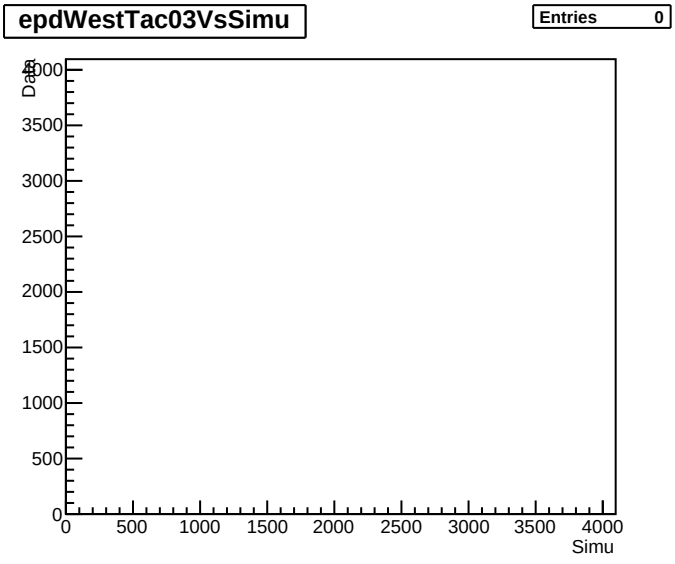
Entries 0
Data
Simu


epdWestTac03
Entries 406676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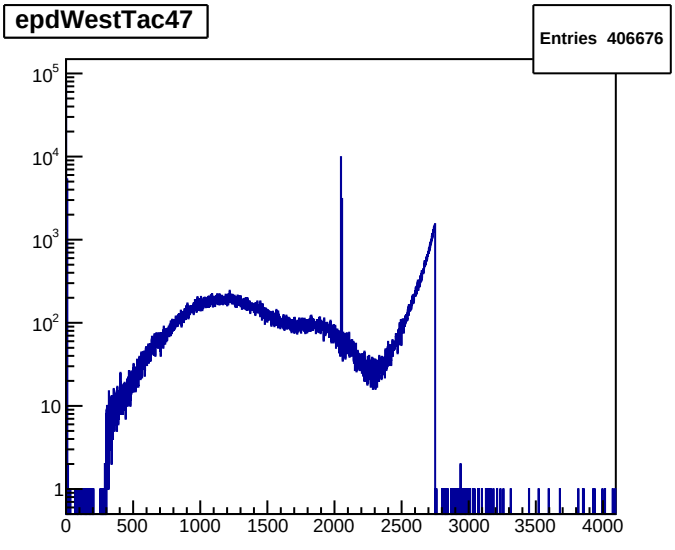
Entries 0
Data
Simu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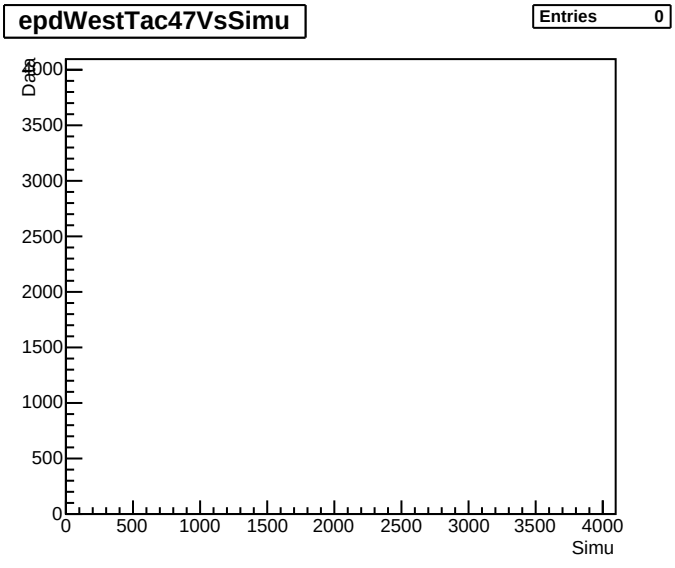
Entries 406676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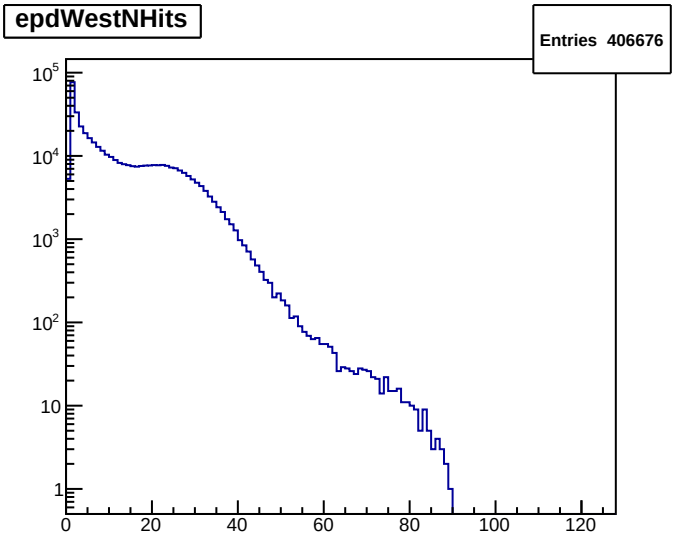
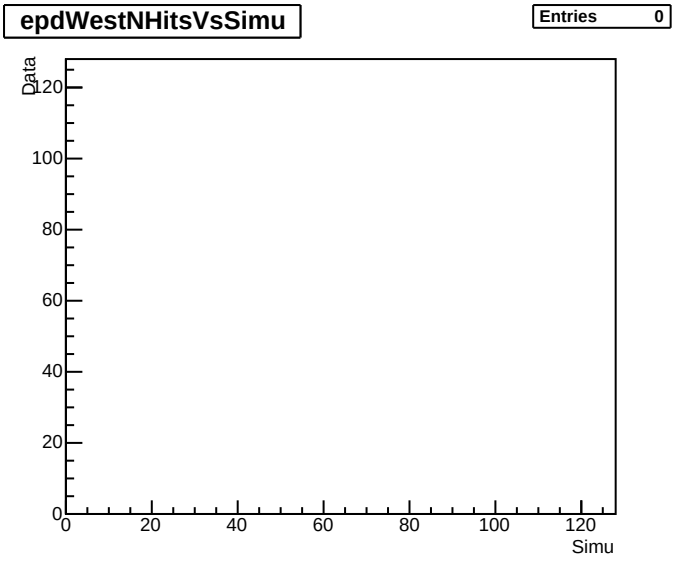
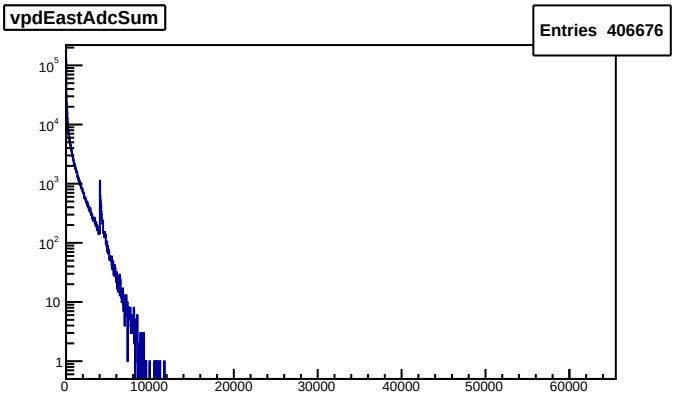
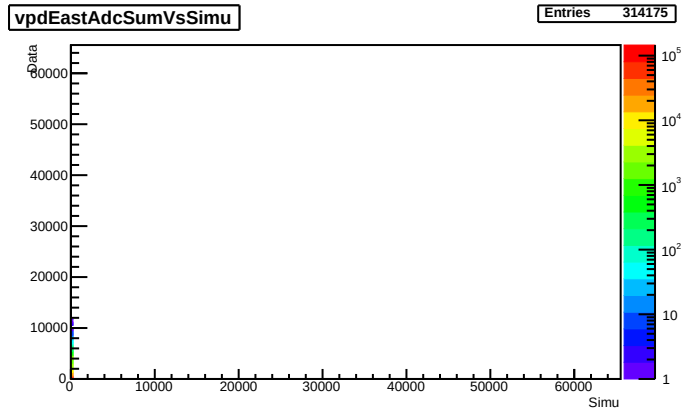
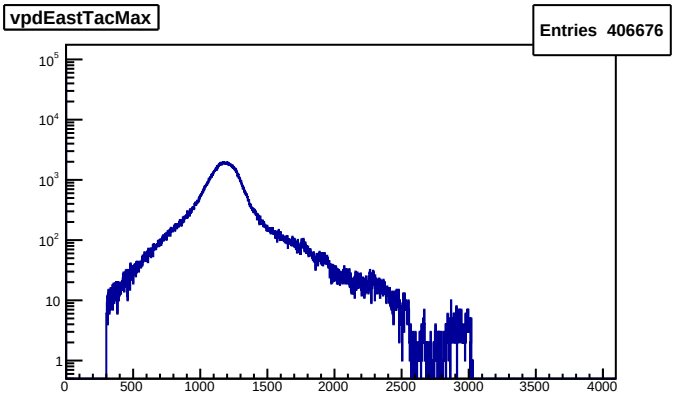
Entries 0
Data
Simu

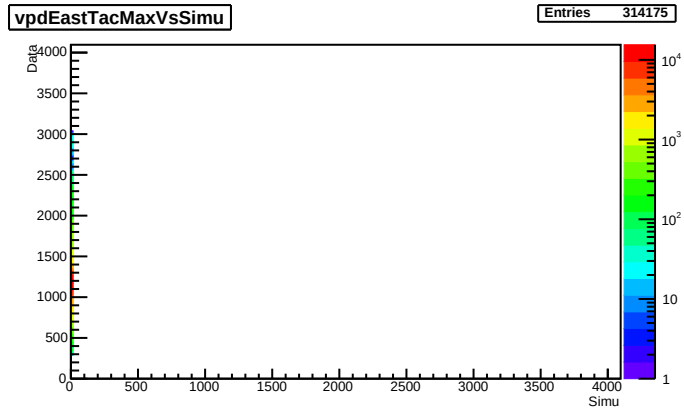

epdWestNHits
Entries 406676

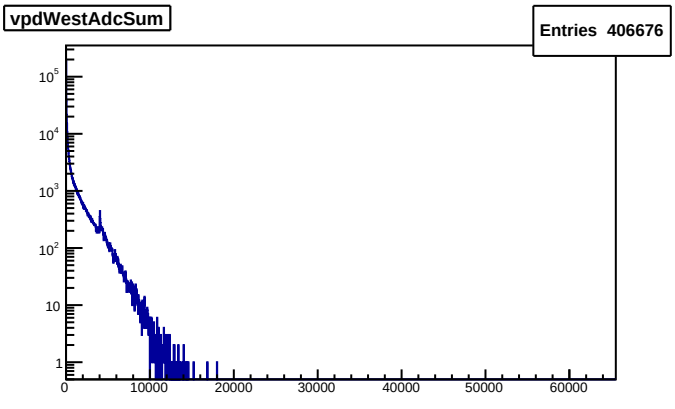

epdWestNHitsVsSimu
Entries 0
Data
Simu

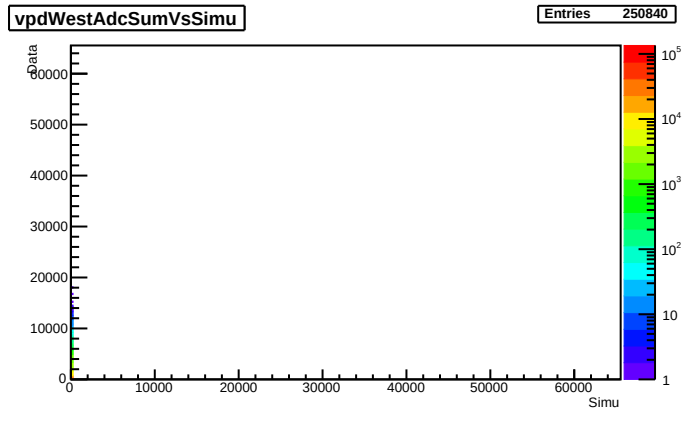

vpdEastAdcSum
Entries 406676

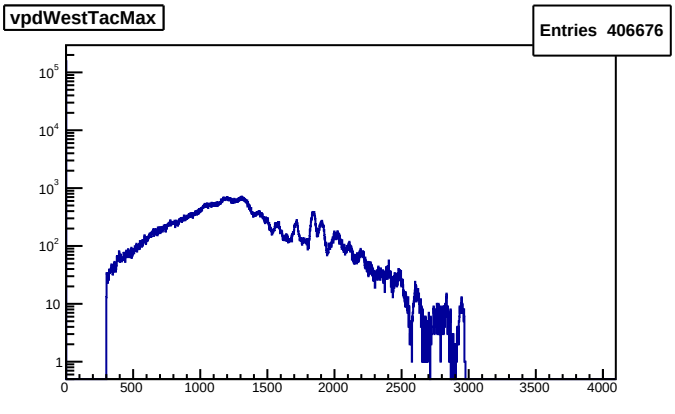

vpdEastAdcSumVsSimu
Entries 314175
Data
Simu

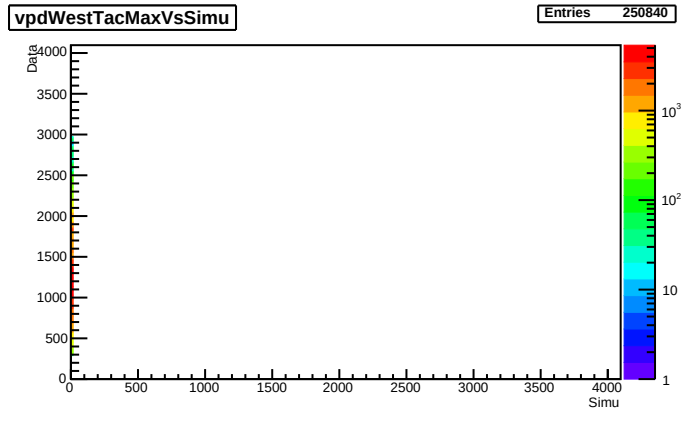

vpdEastTacMax
Entries 406676

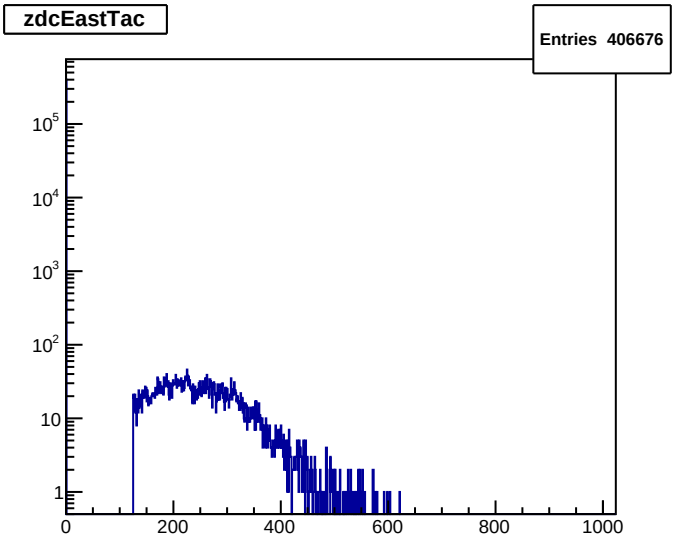

vpdEastTacMaxVsSimu
Entries 314175
Data
Simu

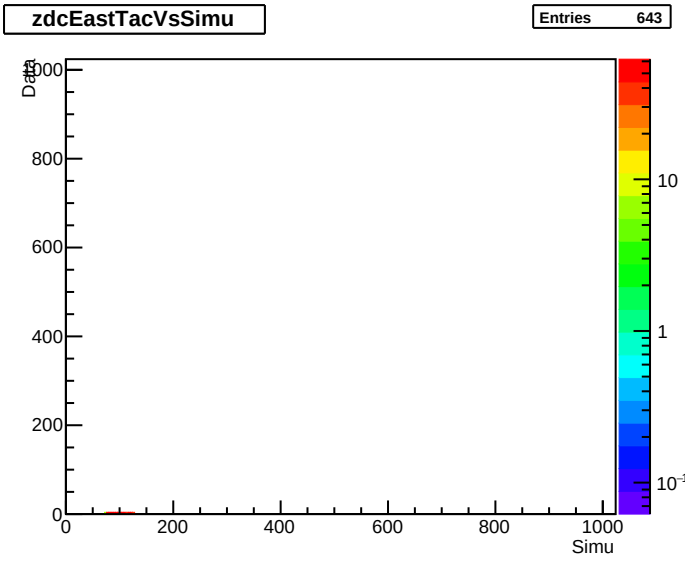

vpdWestAdcSum
Entries 406676

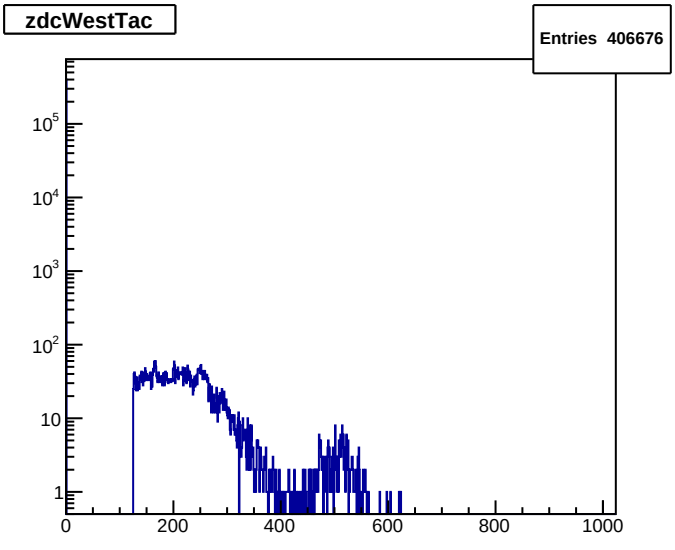

vpdWestAdcSumVsSimu
Entries 250840
Data
Simu

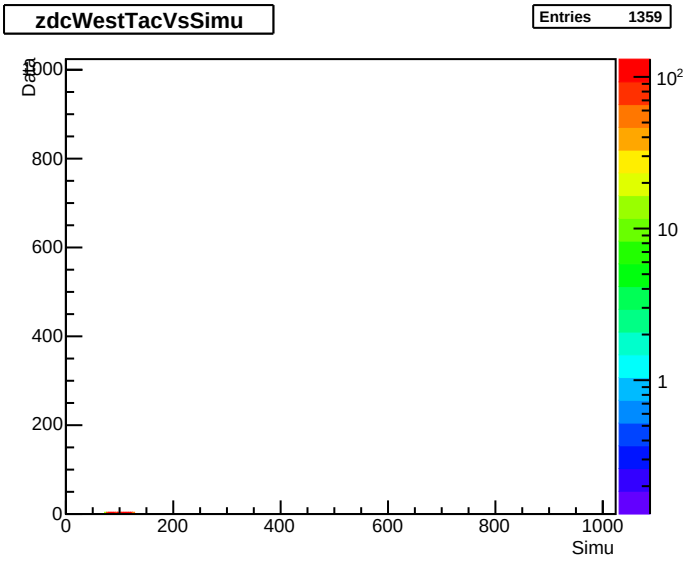

vpdWestTacMax
Entries 406676

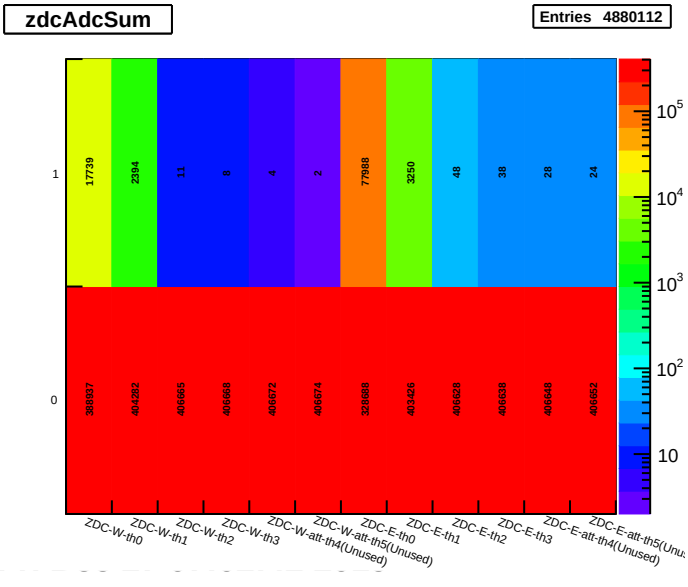

vpdWestTacMaxVsSimu
Entries 250840
Data
Simu

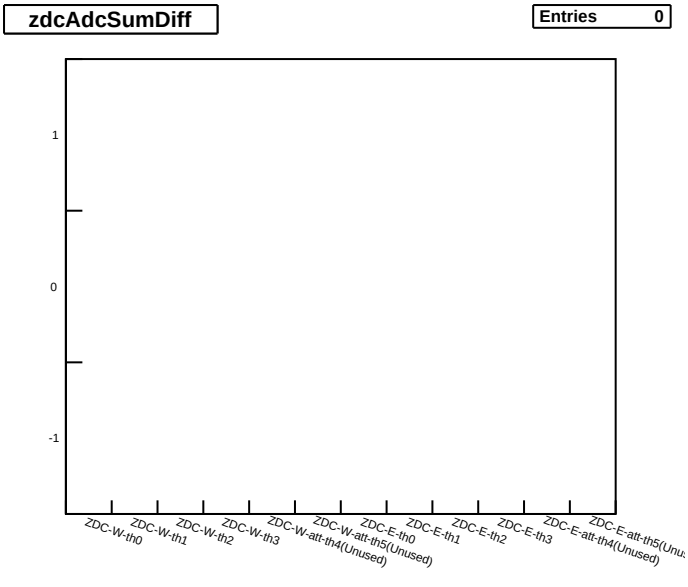

zdcEastTac
Entries 406676

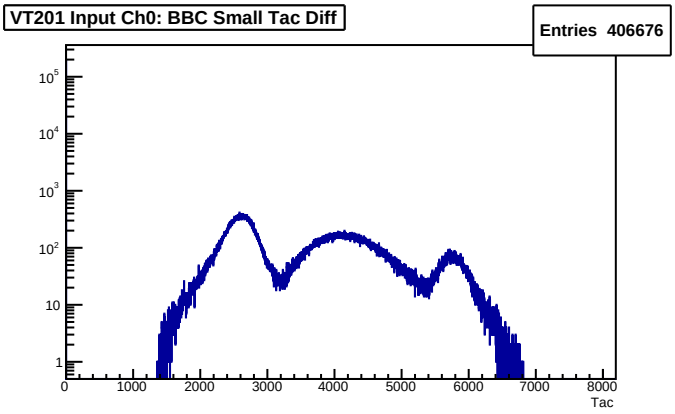

zdcEastTacVsSimu
Entries 643
Data
Simu

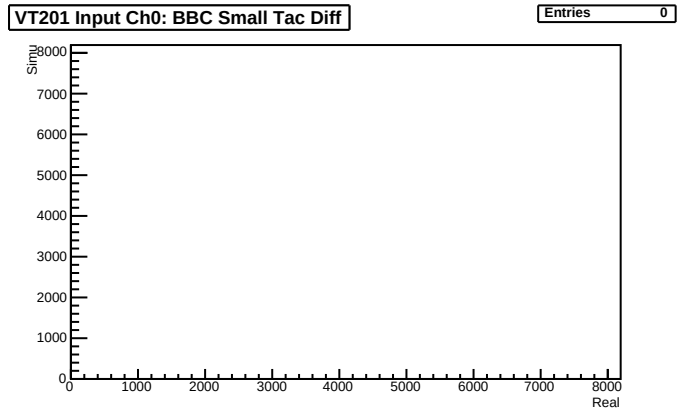

zdcWestTac
Entries 406676

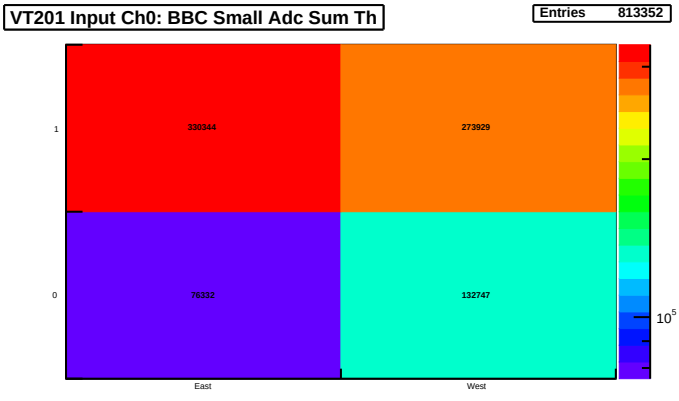

zdcWestTacVsSimu
Entries 1359
Data
Simu

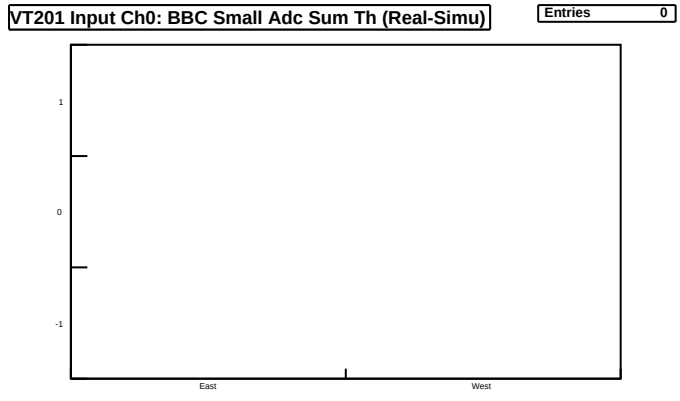

zdcAdcSum
Entries 4880112
17739
2394
11
8
4
2
77988
3250
48
38
28
24
388937
404282
406665
406668
406672
406674
328688
403426
406628
406638
406648
406652
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

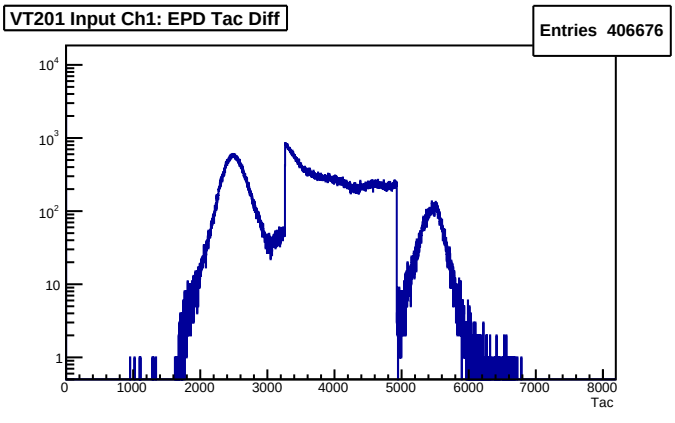

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

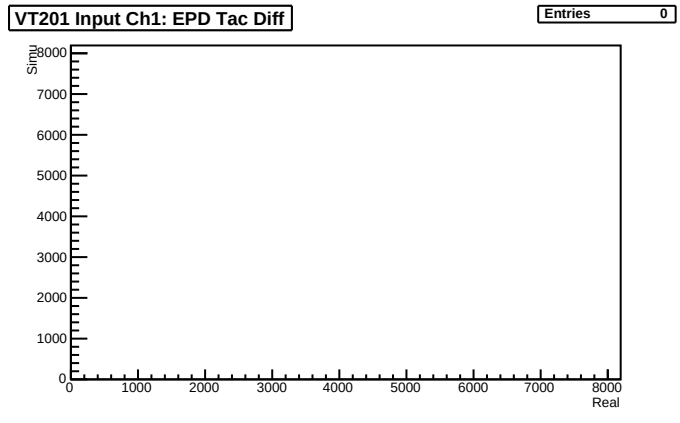

VT201 Input Ch0: BBC Small Tac Diff
Entries 406676
Tac

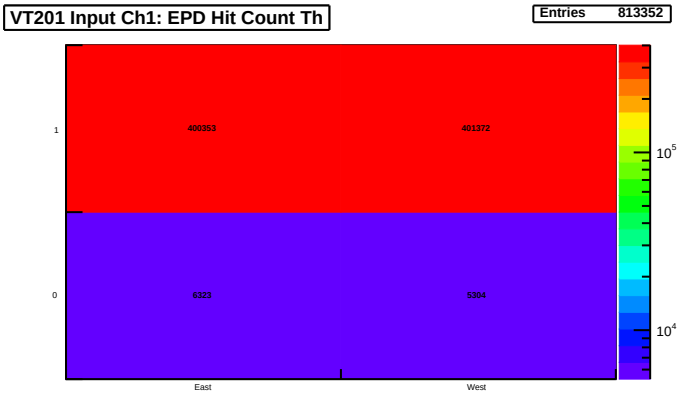

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

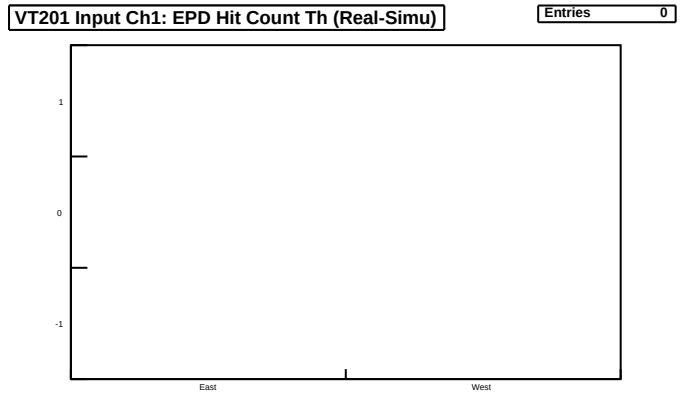

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 813352
330344
273929
76332
132747
East
West

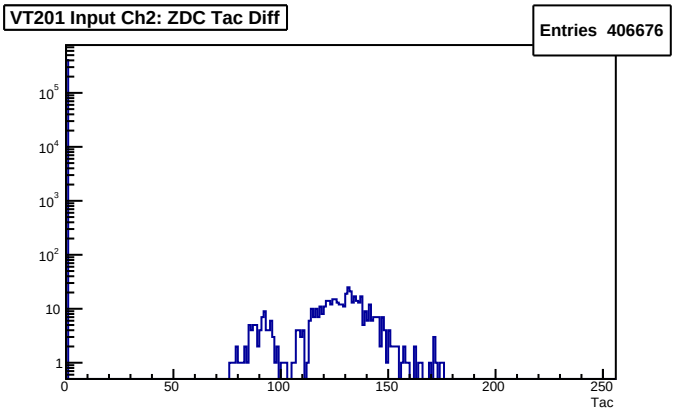

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

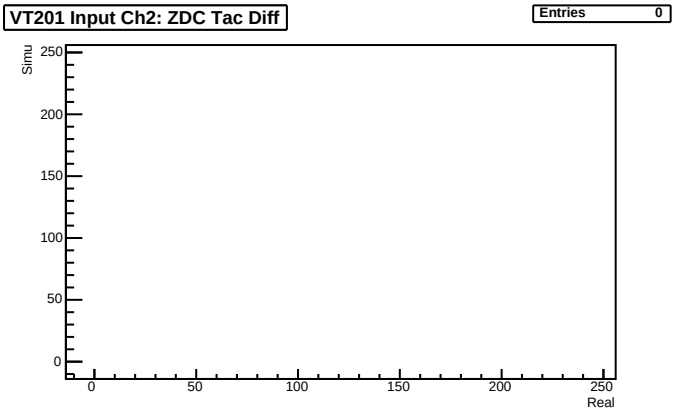

VT201 Input Ch1: EPD Tac Diff
Entries 406676
Tac

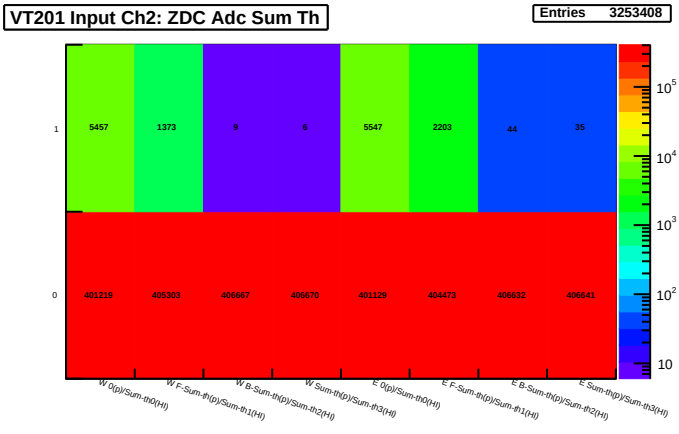

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

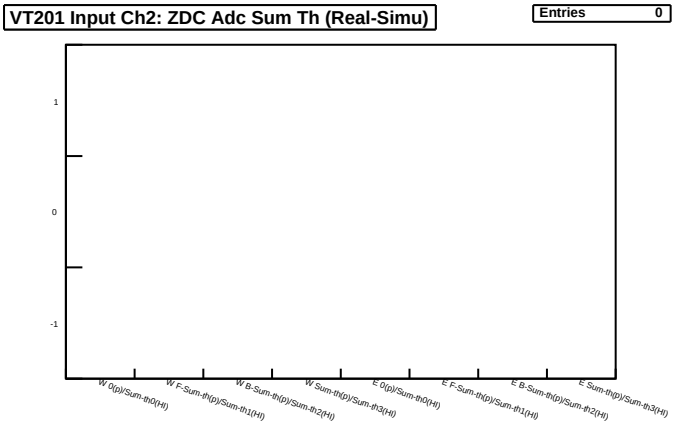

VT201 Input Ch1: EPD Hit Count Th
Entries 813352
400353
401372
6323
5304
East
West

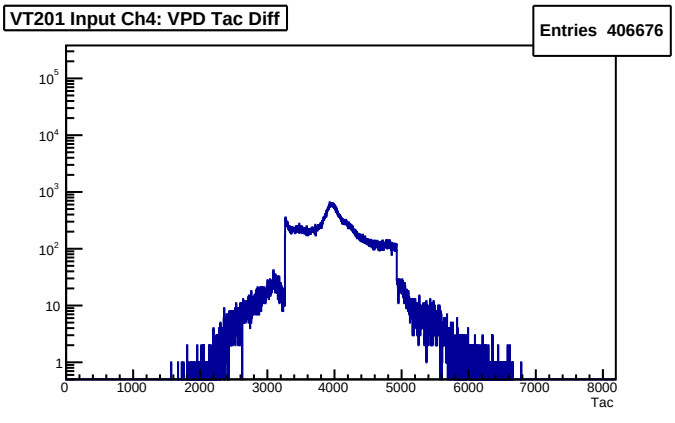

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

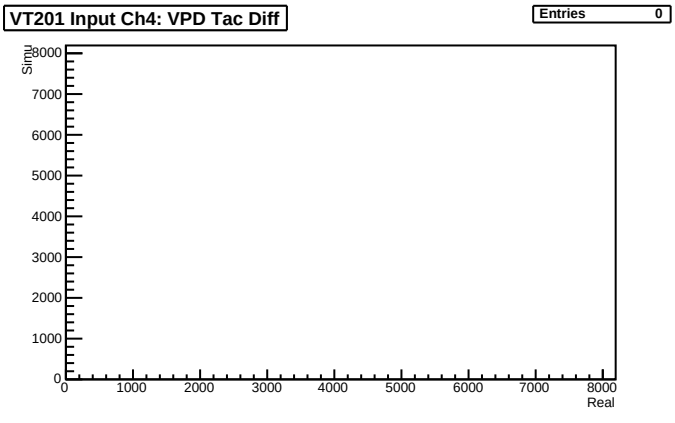

VT201 Input Ch2: ZDC Tac Diff
Entries 406676
Tac

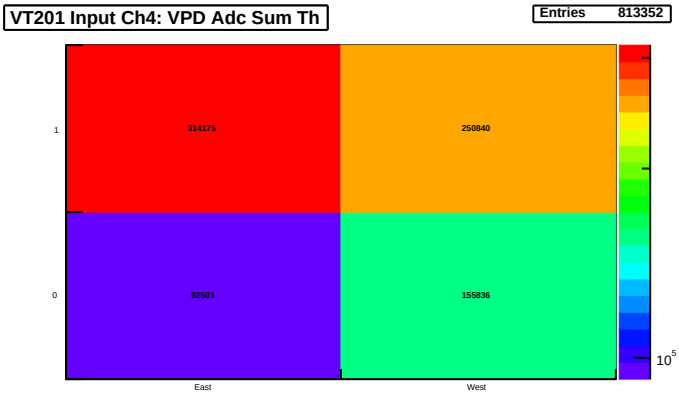

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

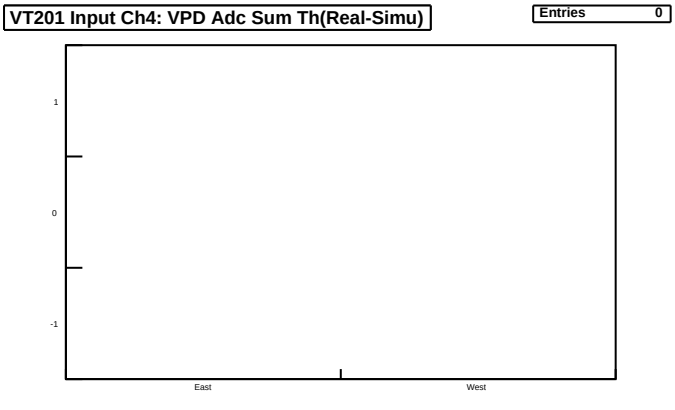

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3253408
5457
1373
9
6
5547
2203
44
35
401219
405303
406667
406670
401129
404473
406632
406641
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

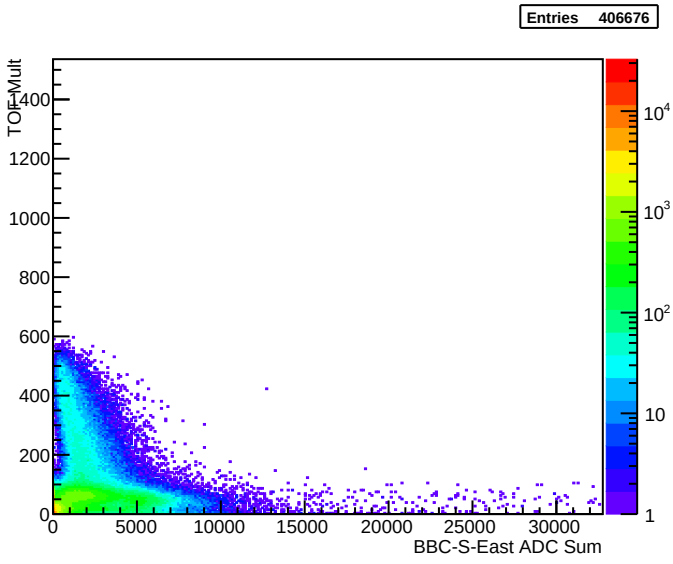

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

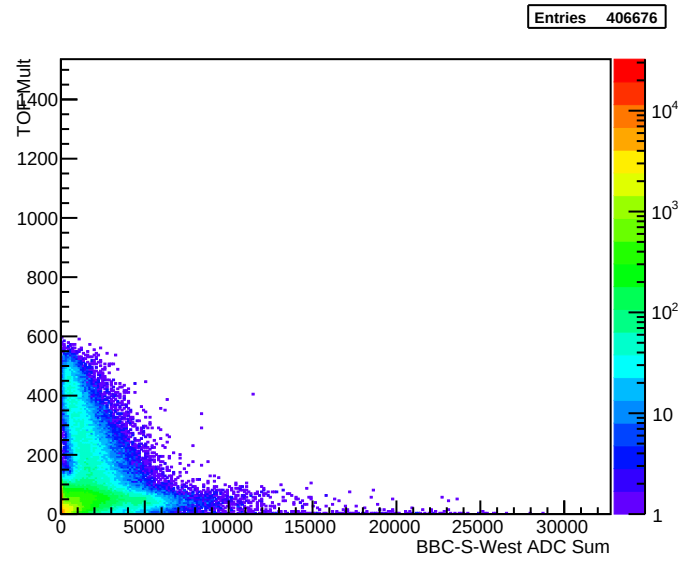

VT201 Input Ch4: VPD Tac Diff
Entries 406676
Tac

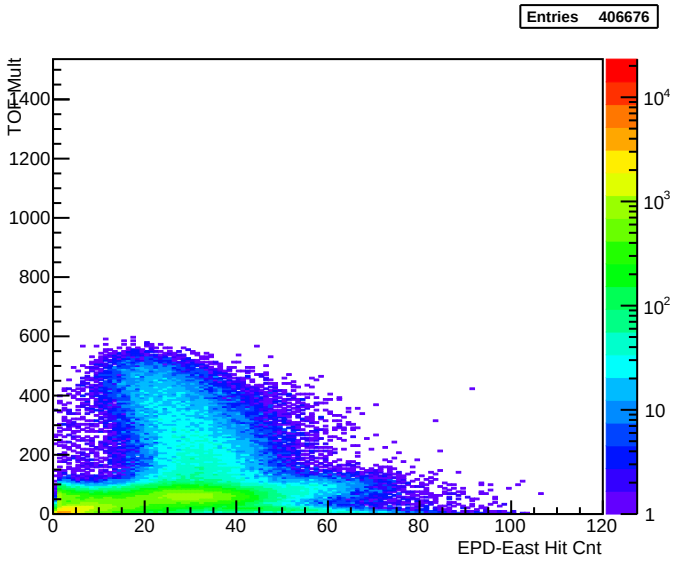

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

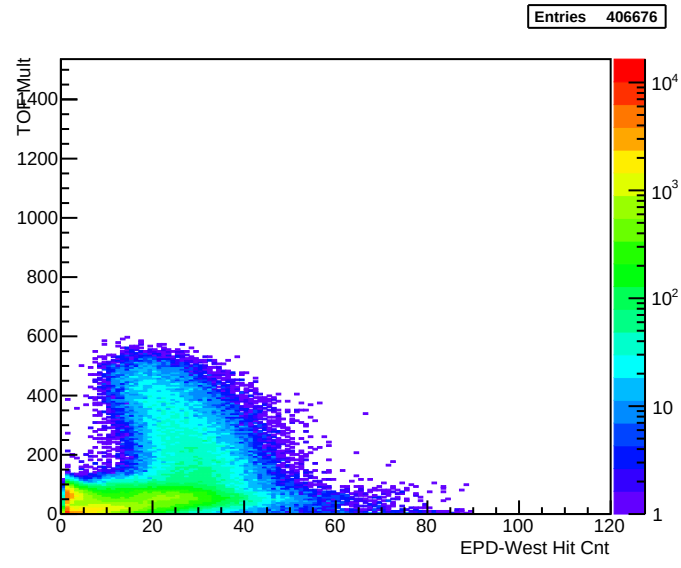

VT201 Input Ch4: VPD Adc Sum Th
Entries 813352
314175
250840
92501
155836
East
West

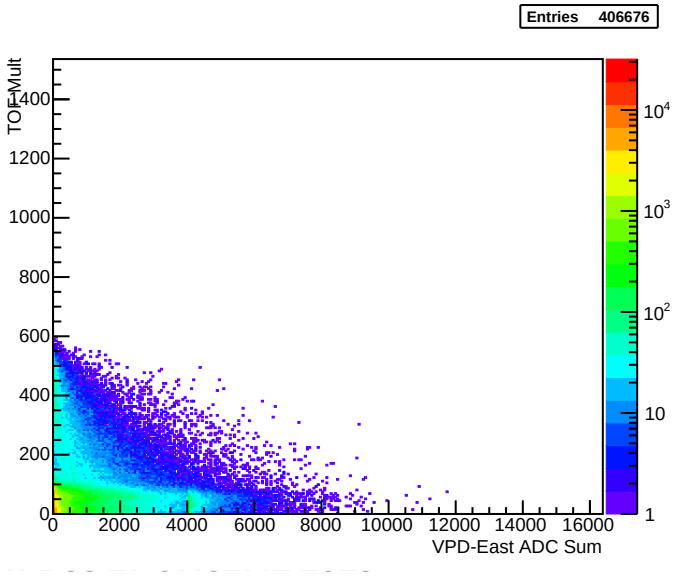

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

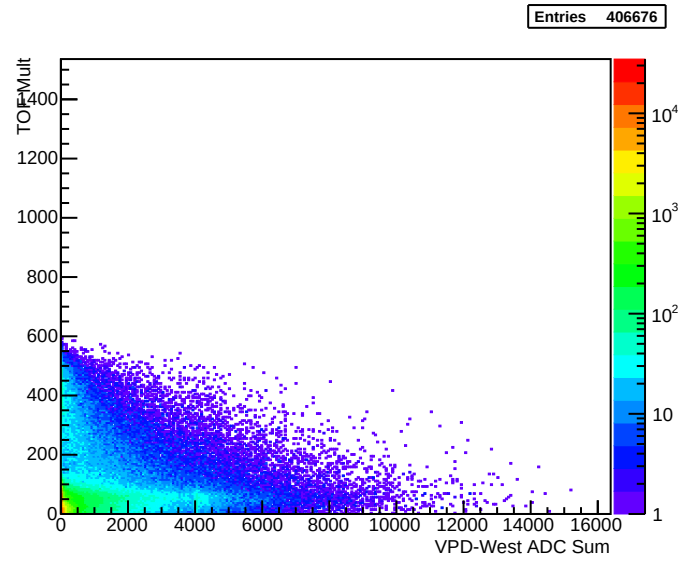

Entries 406676
TOF-Mult
BBC-S-East ADC Sum

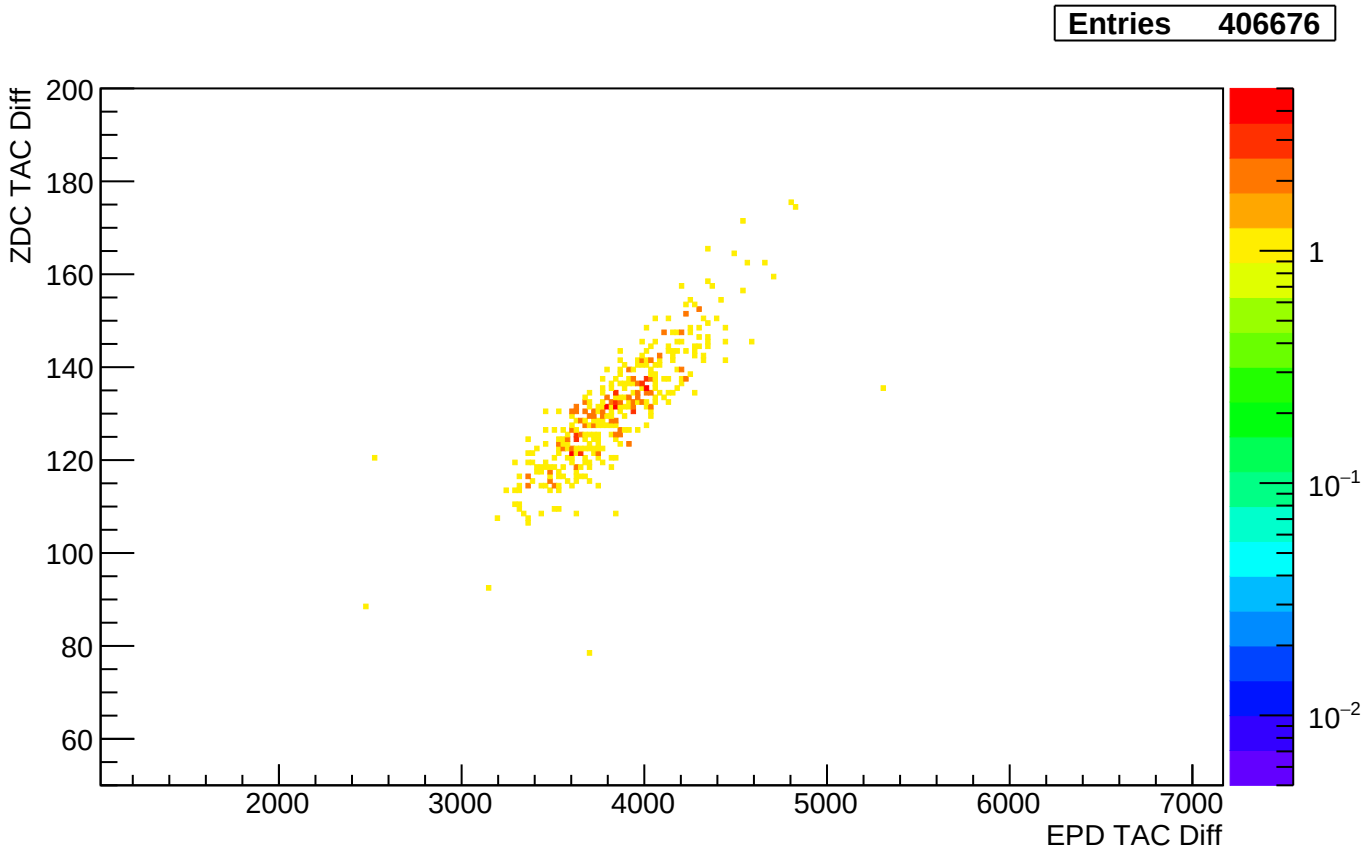

Entries 406676
TOF-Mult
BBC-S-West ADC Sum

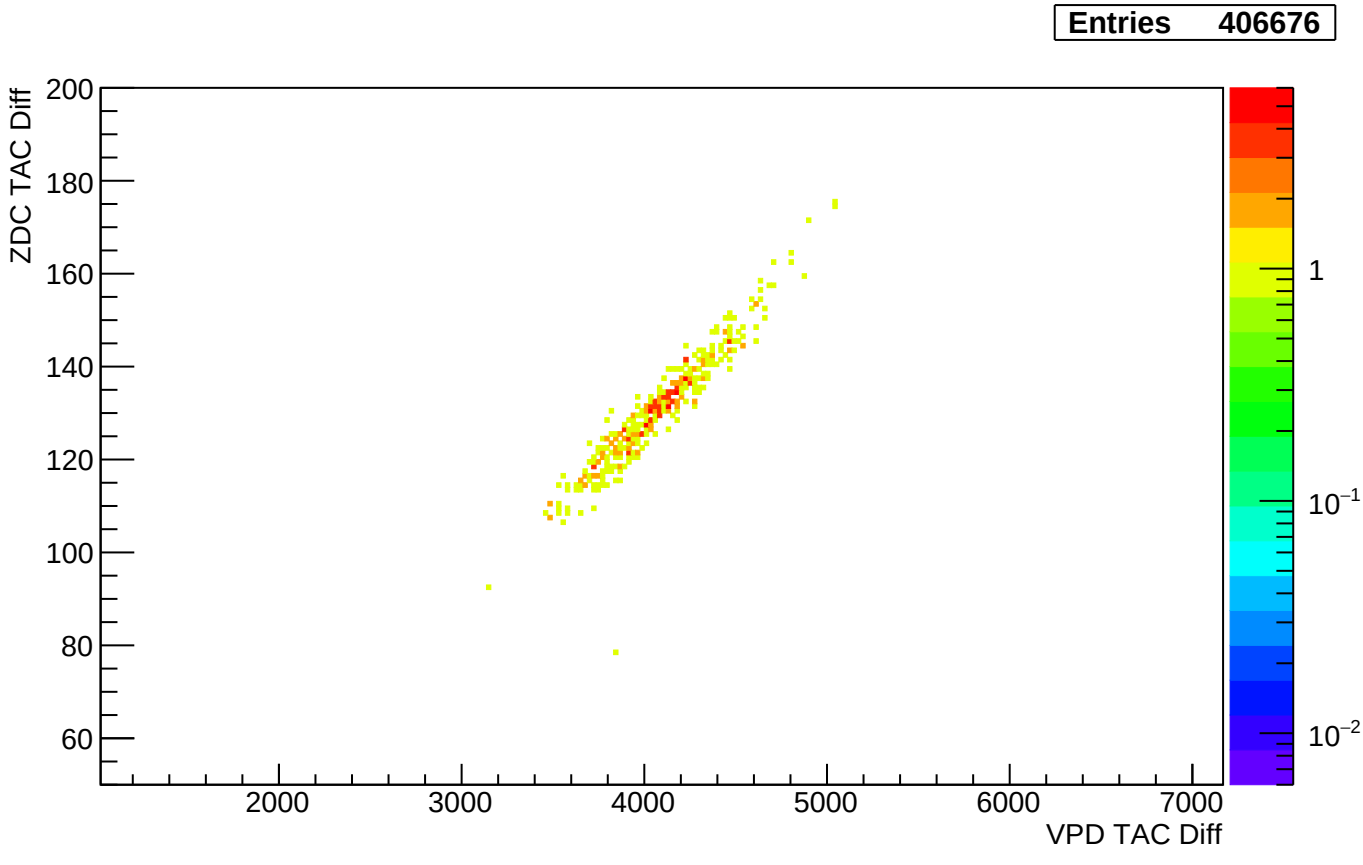

Entries 406676
TOF-Mult
EPD-East Hit Cnt

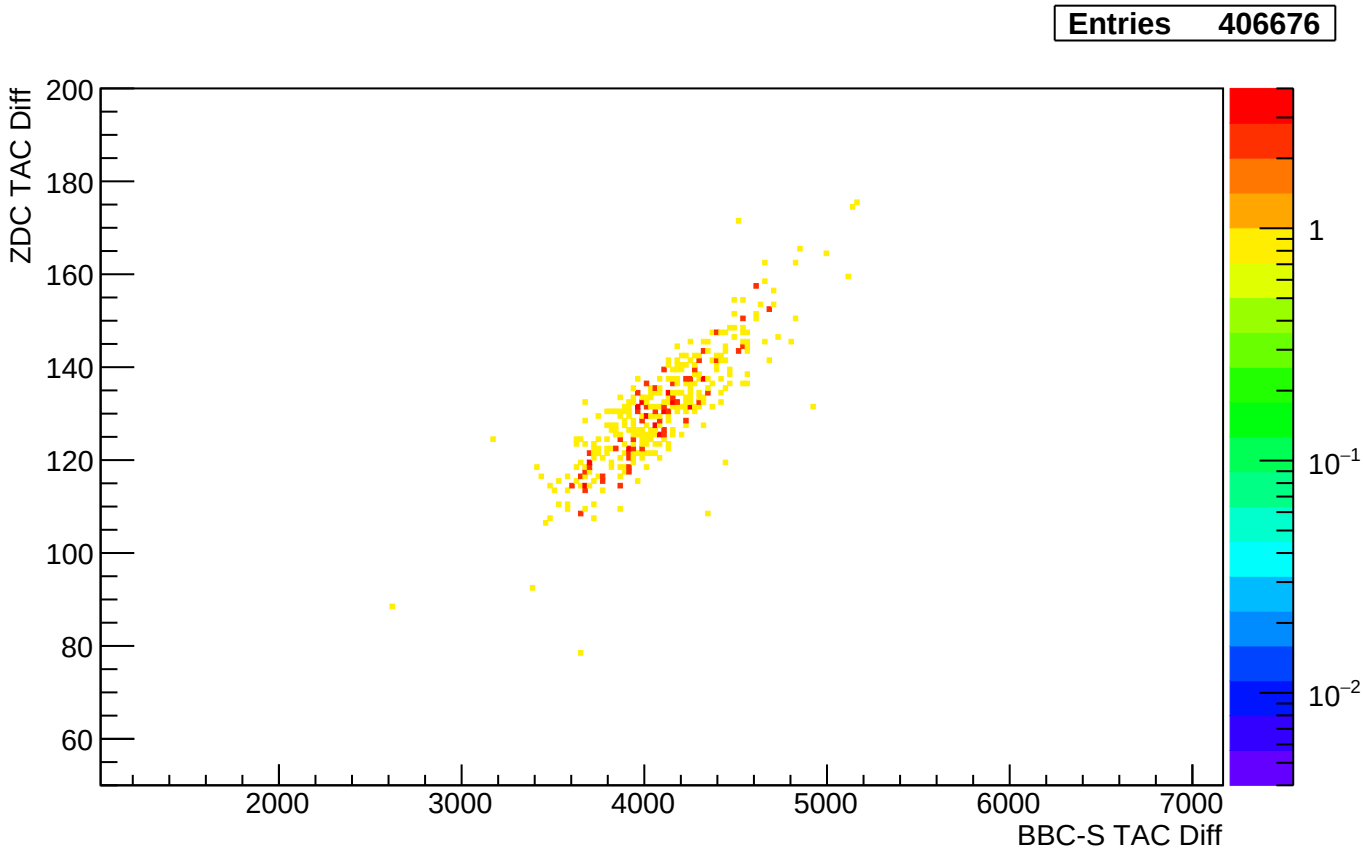

Entries 406676
TOF-Mult
EPD-West Hit Cnt

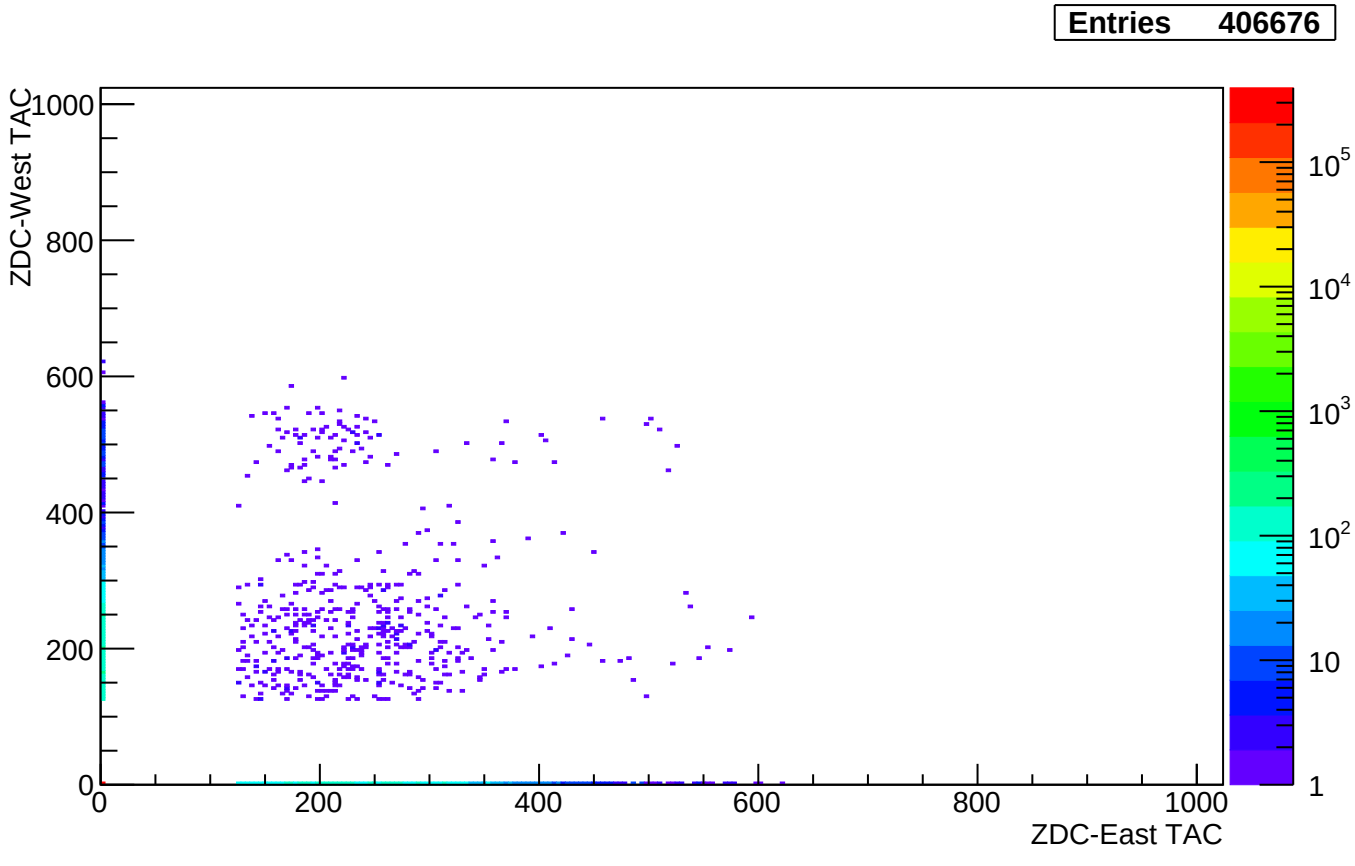

Entries 406676
TOF-Mult
VPD-East ADC Sum

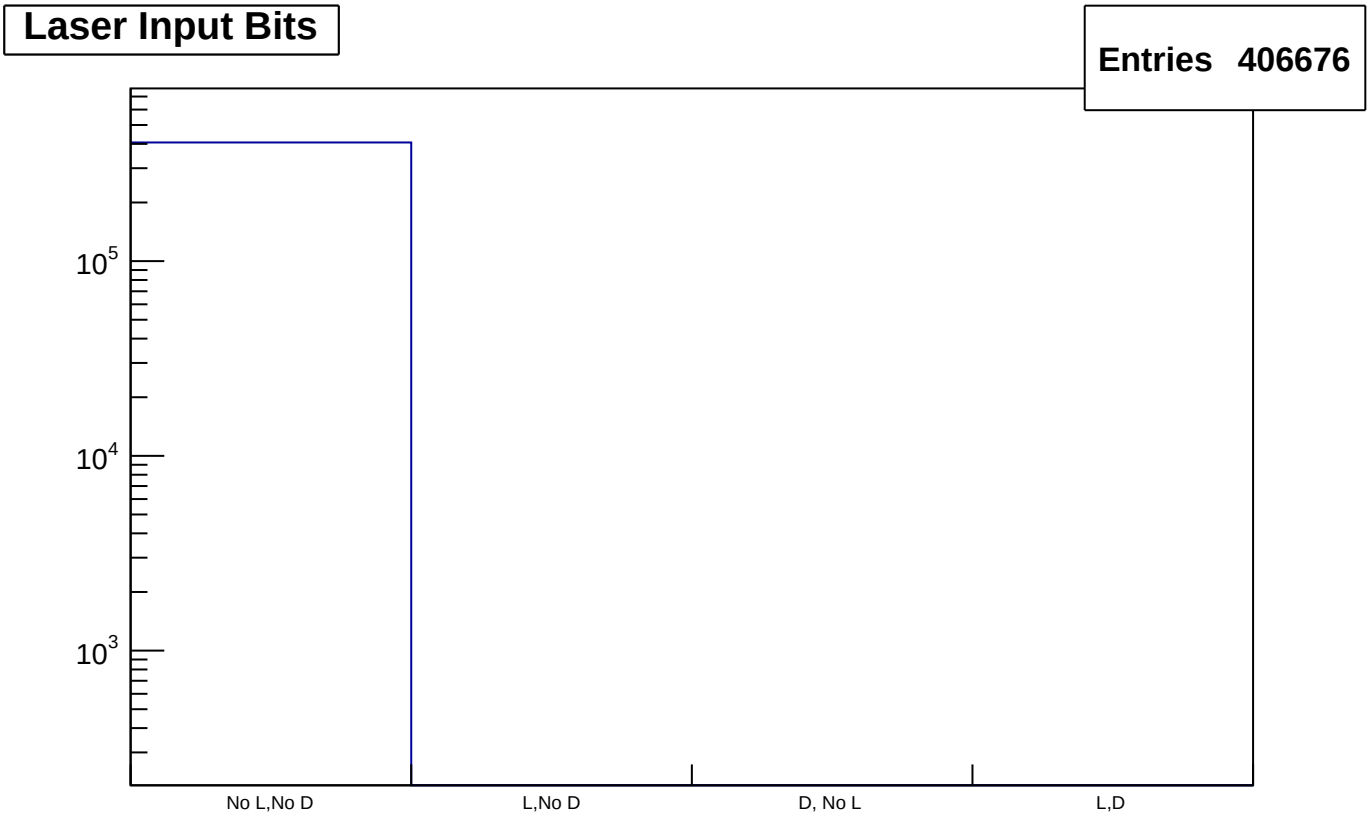

Entries 406676
TOF-Mult
VPD-West ADC Sum

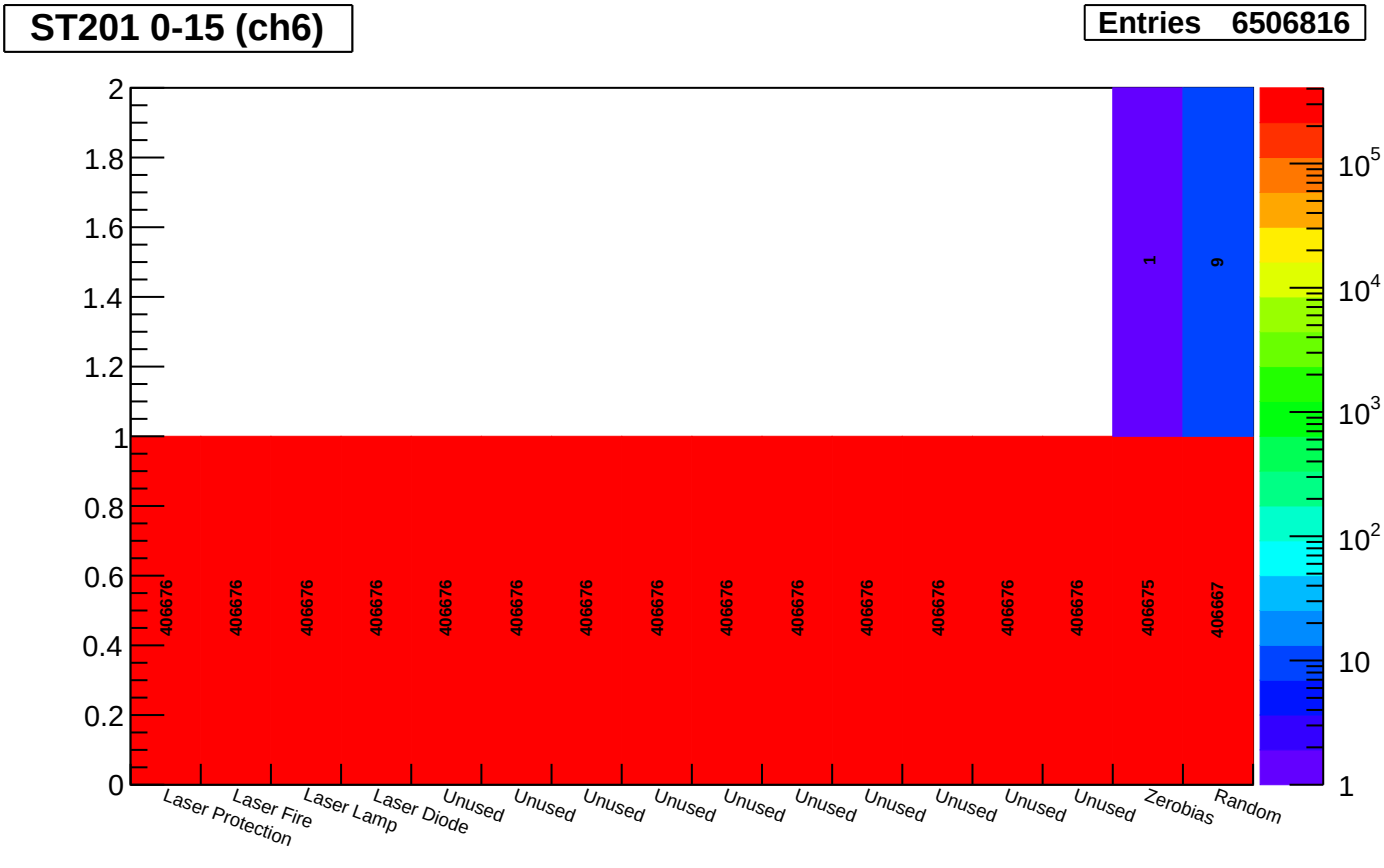

Entries 406676
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

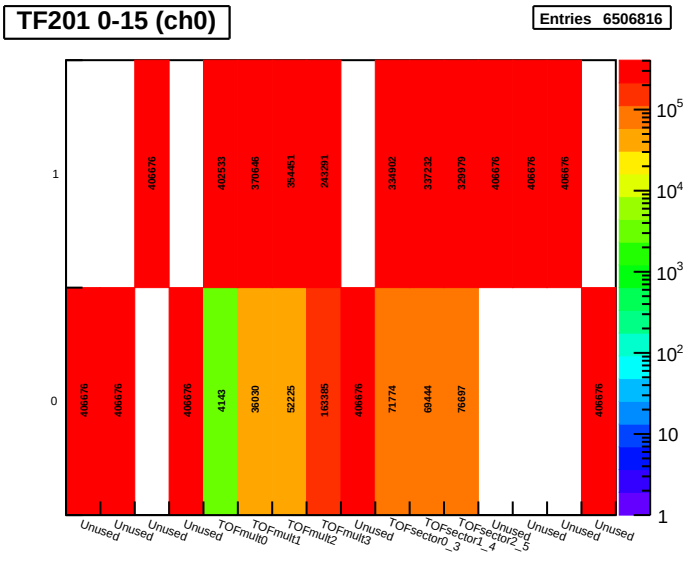

Entries 406676
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

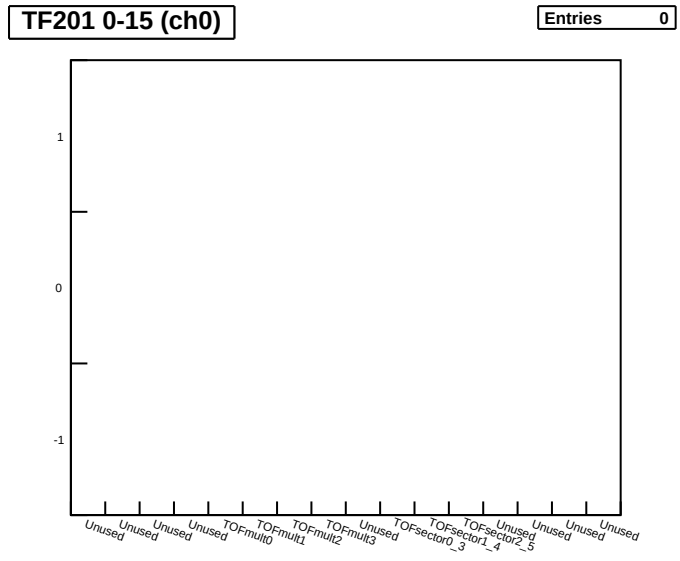

Entries 406676
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

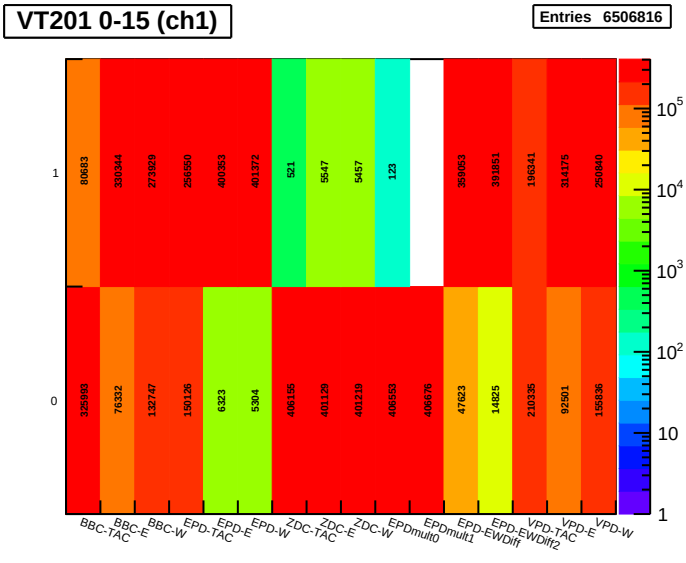

Entries 406676
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

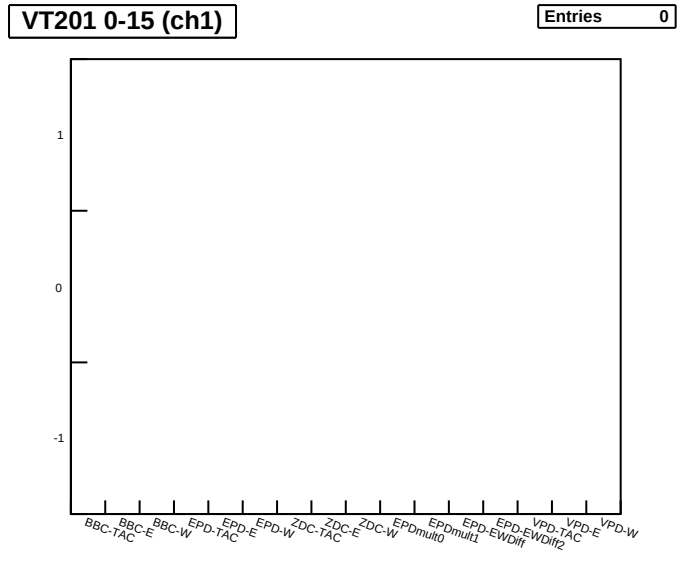

Laser Input Bits
Entries 406676
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

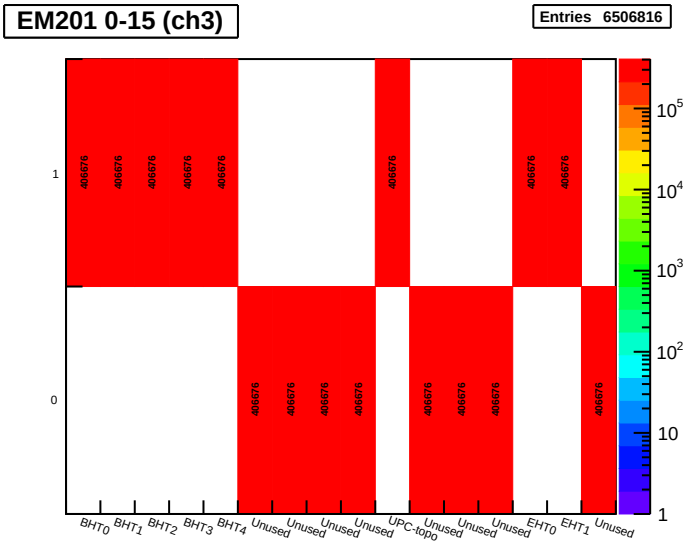

ST201 0-15 (ch6)
Entries 6506816
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
406676
406676
406676
406676
406676
406676
406676
406676
406676
406676
406676
406676
406676
406676
406675
406667
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

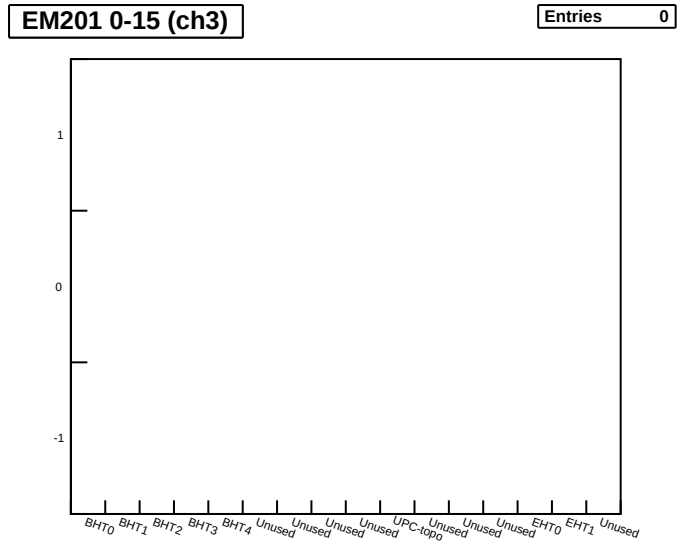

TF201 0-15 (ch0)
Entries 6506816
1
0
406676 402533 370646 354451 243291 334902 337232 329979 406676 406676 406676
406676 406676 406676 4143 36030 52225 163385 406676 71774 69444 76697 406676
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6506816
1
0
80683 330344 273929 256550 400353 401372 521 5547 5457 123 359053 391851 196341 314175 250940
325993 76332 132747 150126 6323 5304 406155 401129 401219 406553 406676 47623 14825 210335 92501 156836
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 6506816
1
0
406676 406676 406676 406676 406676 406676 406676 406676
406676 406676 406676 406676 406676 406676 406676 406676
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