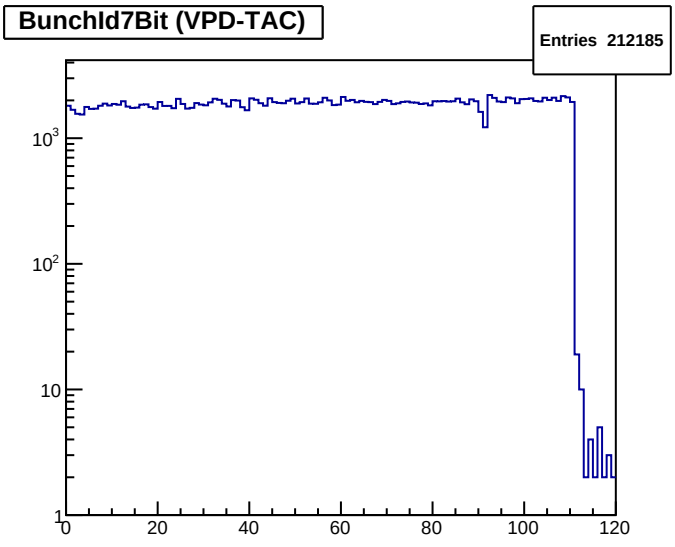
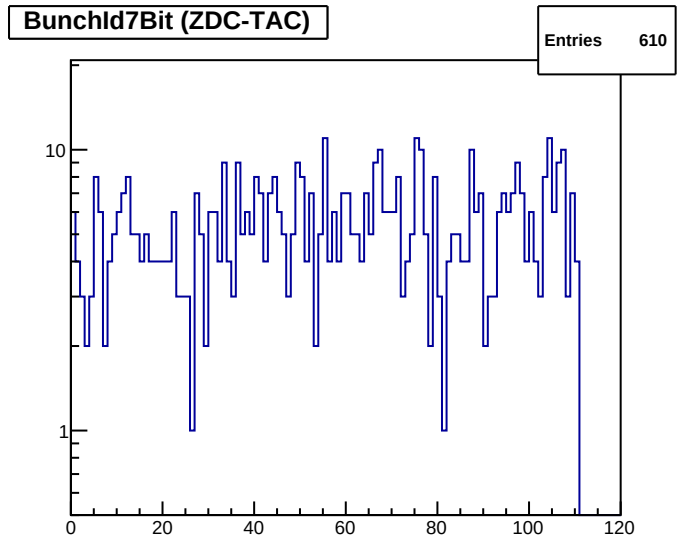
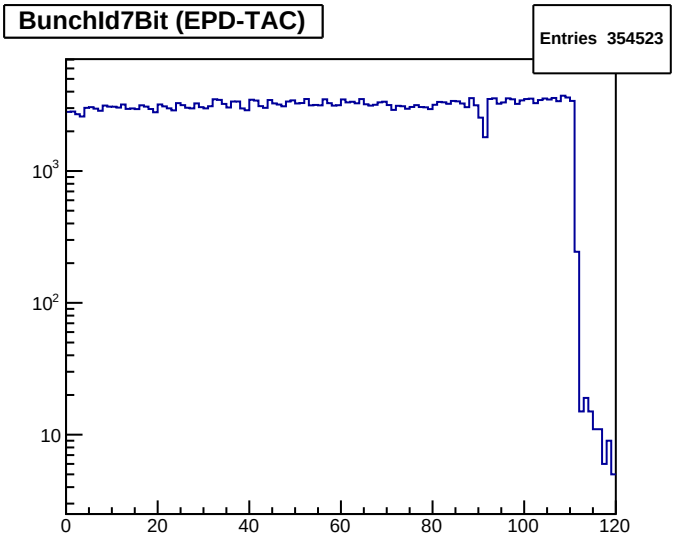
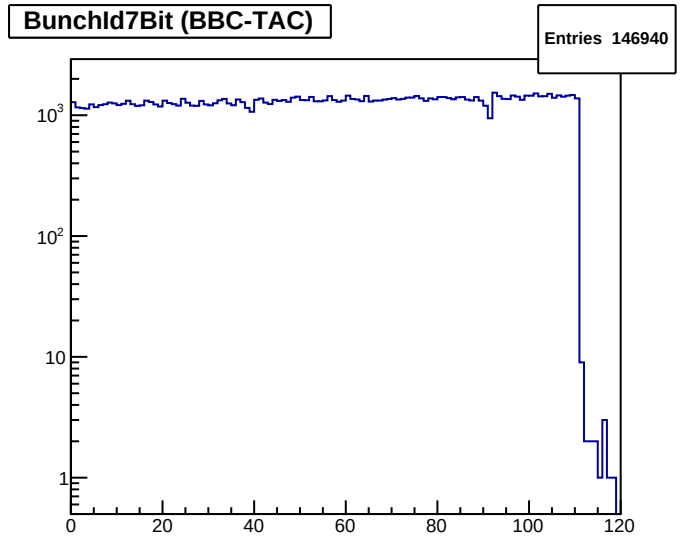
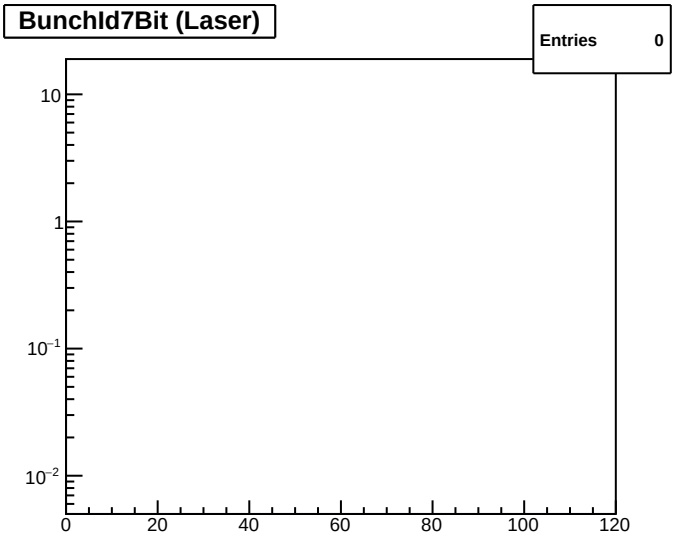
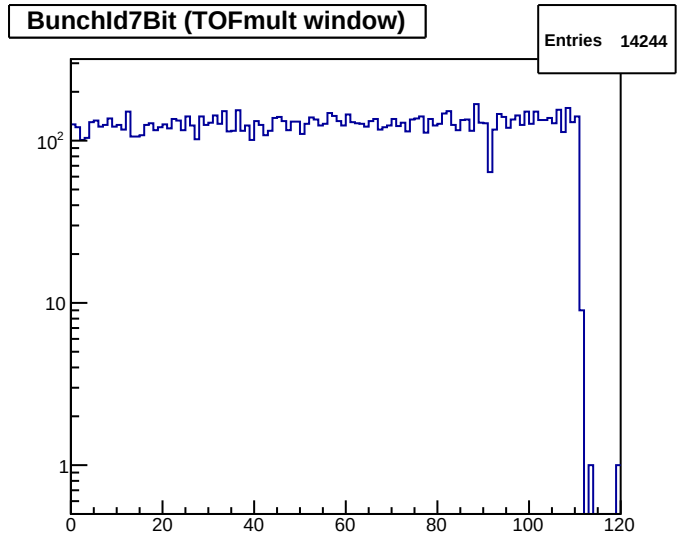

BunchId7Bit (VPD-TAC)
Entries 212185

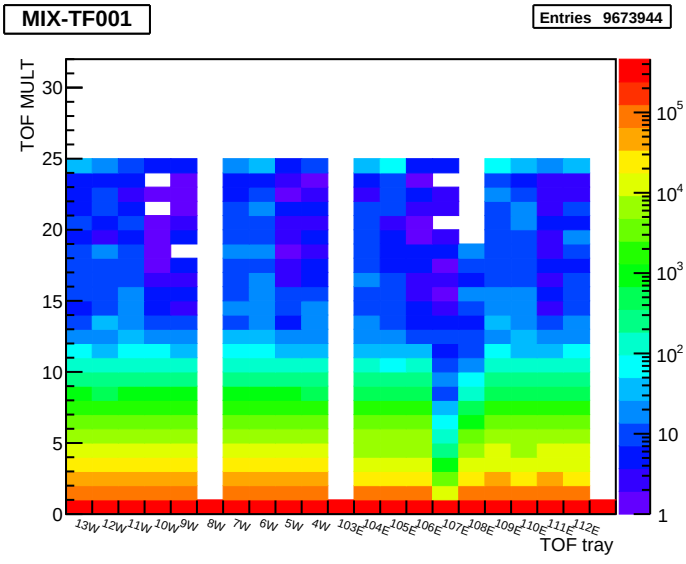

BunchId7Bit (ZDC-TAC)
Entries 610

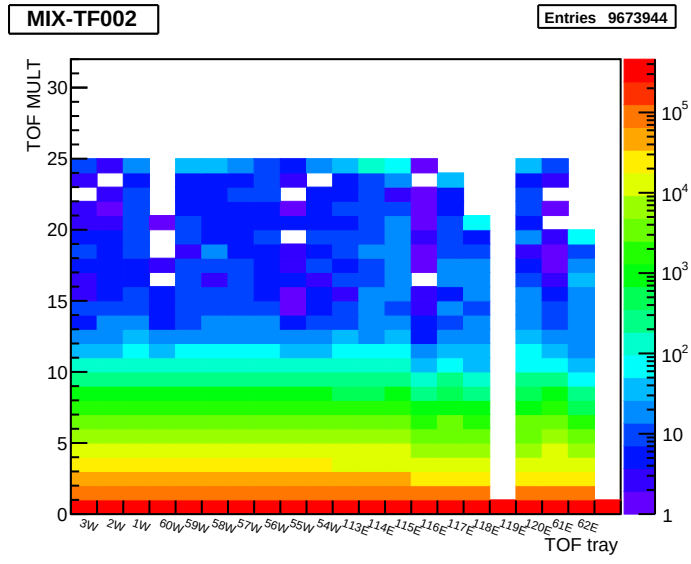

BunchId7Bit (EPD-TAC)
Entries 354523

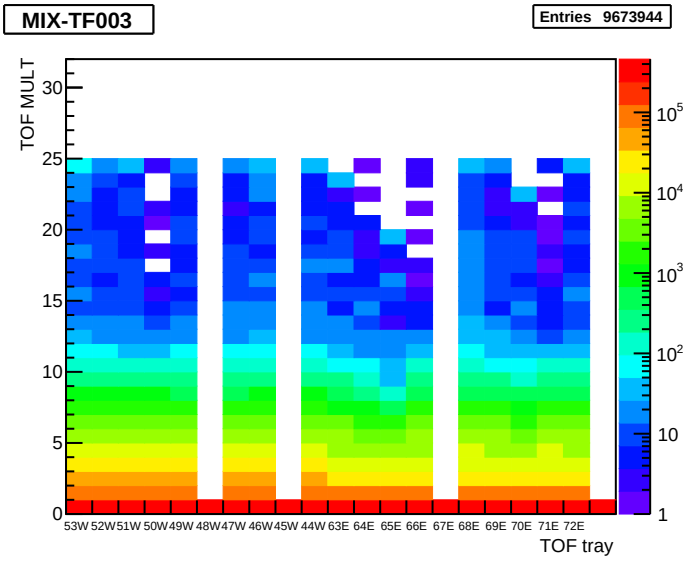

BunchId7Bit (BBC-TAC)
Entries 146940

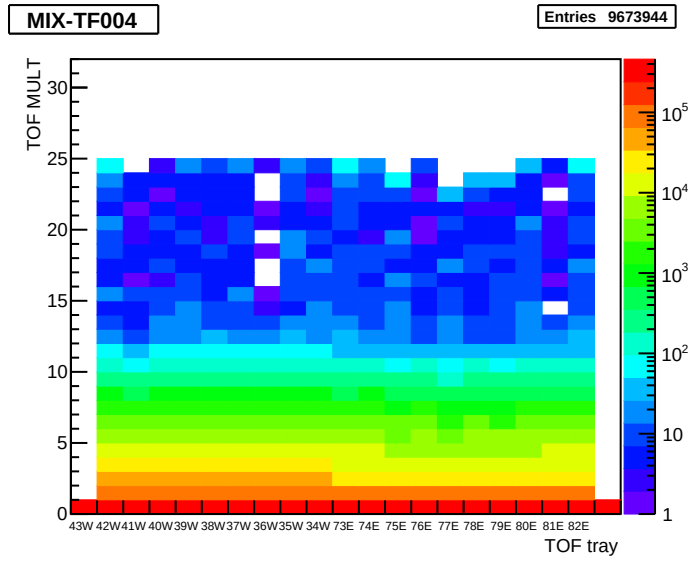

BunchId7Bit (Laser)
Entries 0

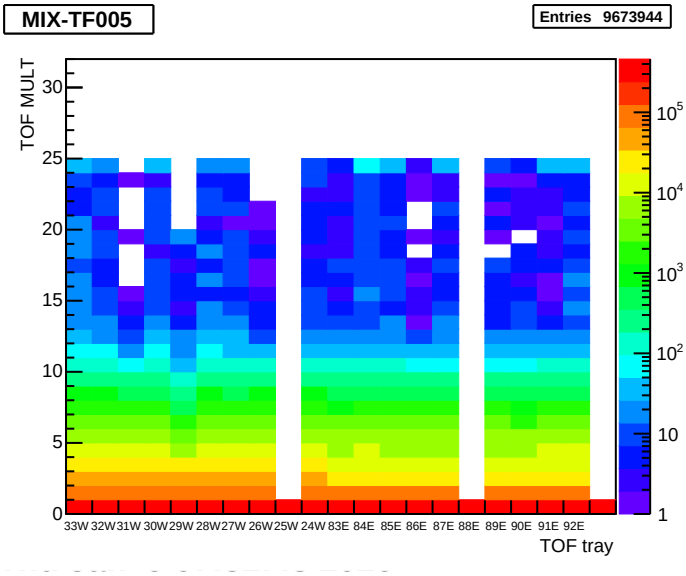

BunchId7Bit (TOFmult window)
Entries 14244

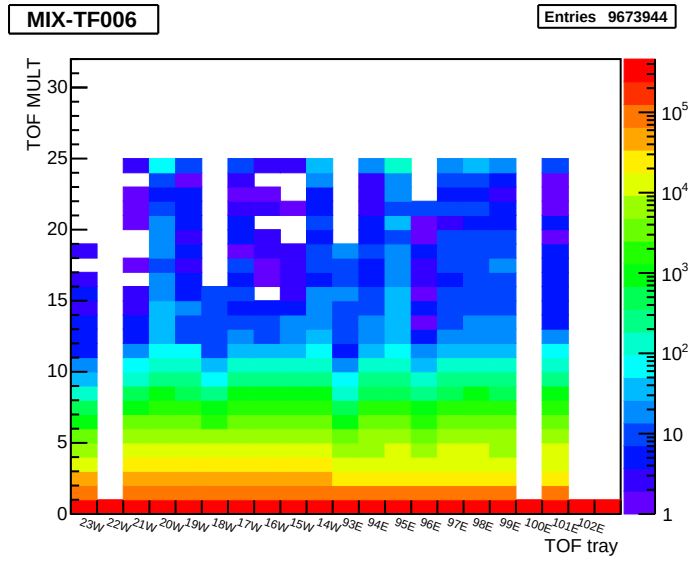

MIX-TF001
Entries 9673944
TOF MULT
TOF tray

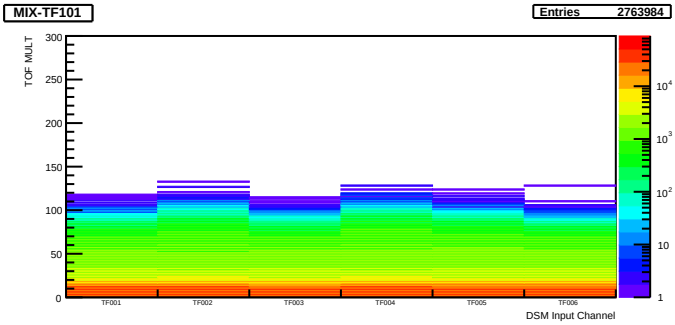

MIX-TF002
Entries 9673944
TOF MULT
TOF tray

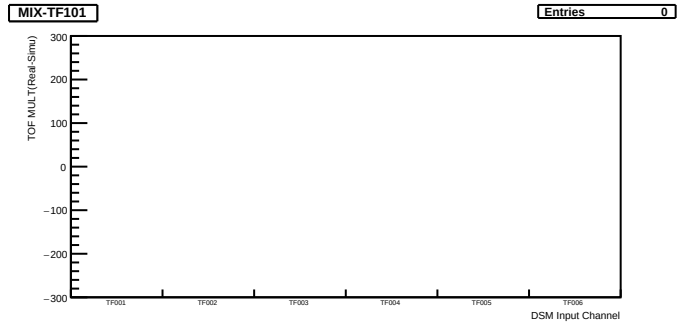

MIX-TF003
Entries 9673944
TOF MULT
TOF tray

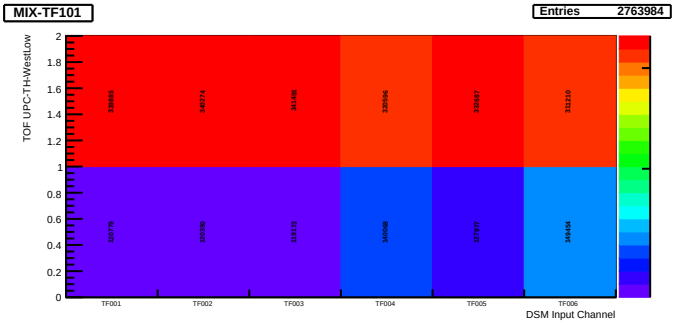

MIX-TF004
Entries 9673944
TOF MULT
TOF tray

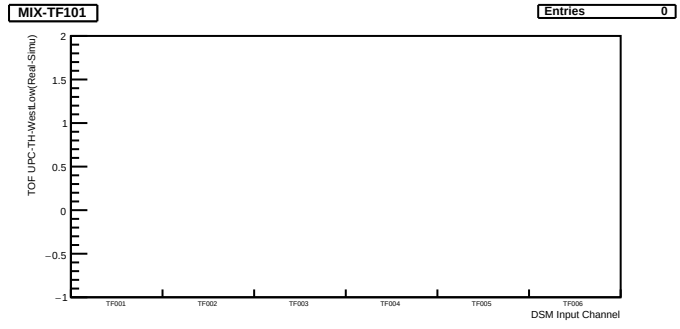

MIX-TF005
Entries 9673944
TOF MULT
TOF tray

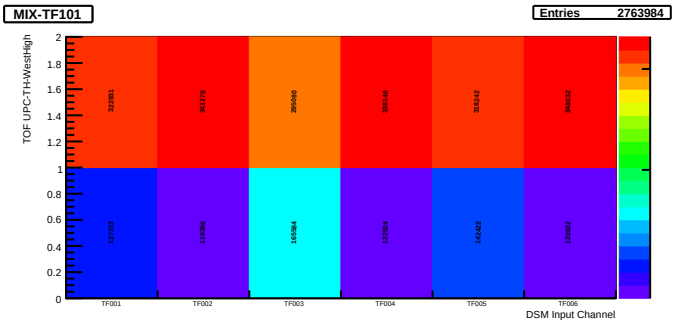

MIX-TF006
Entries 9673944
TOF MULT
TOF tray

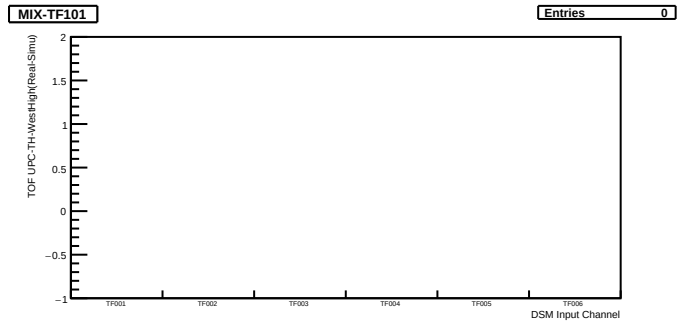

MIX-TF101
Entries 2763984
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

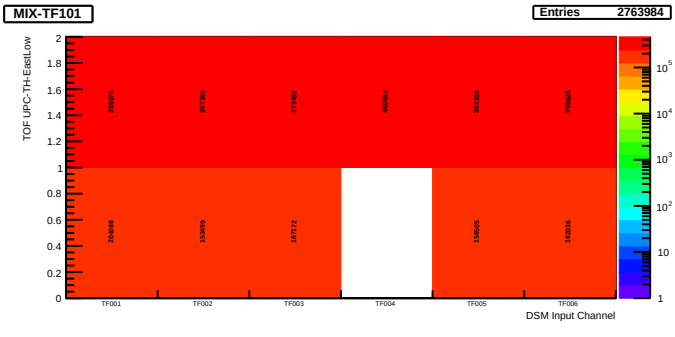

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

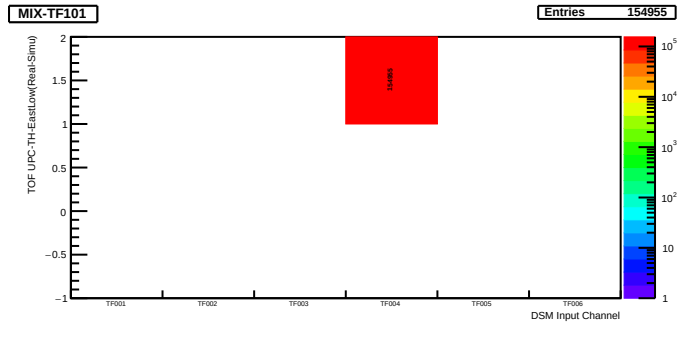

MIX-TF101
Entries 2763984
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

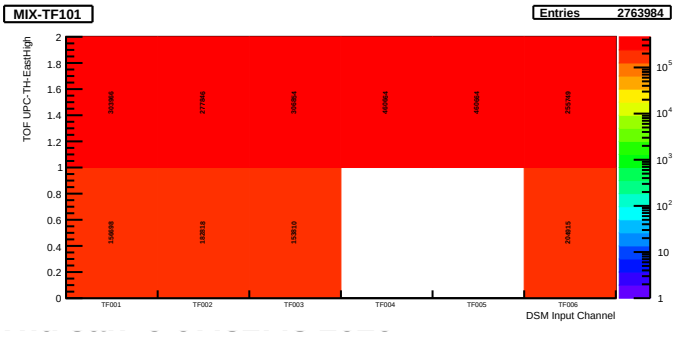

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

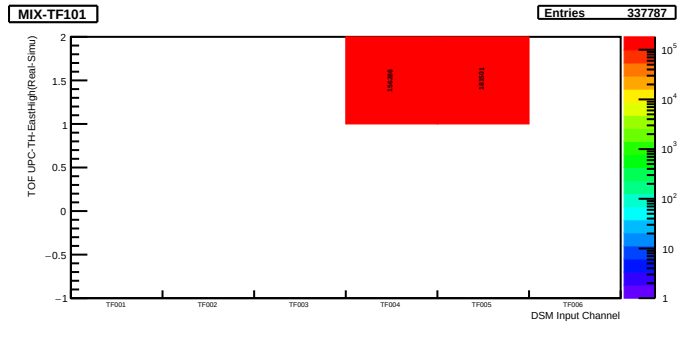

MIX-TF101
Entries 2763984
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

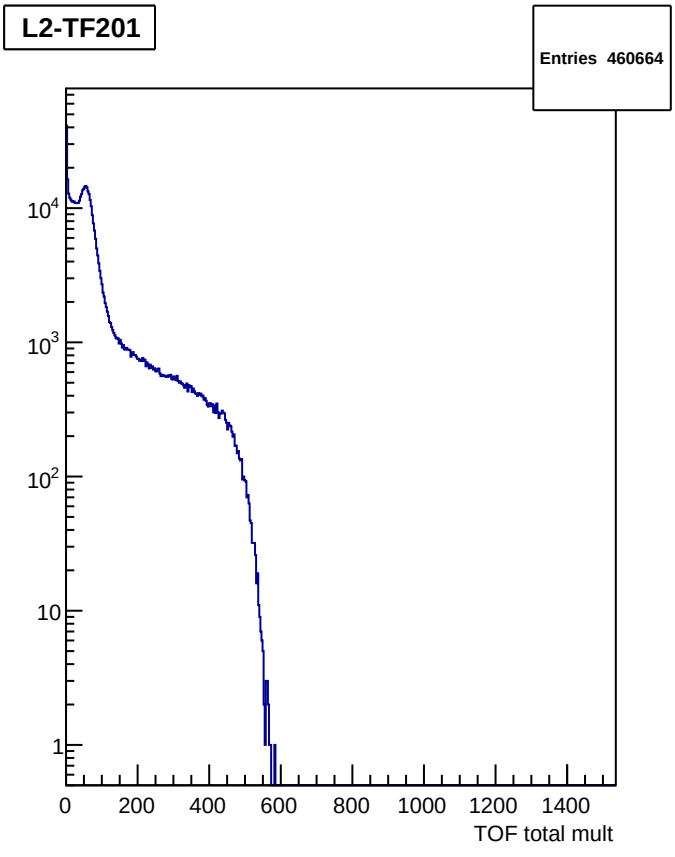

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

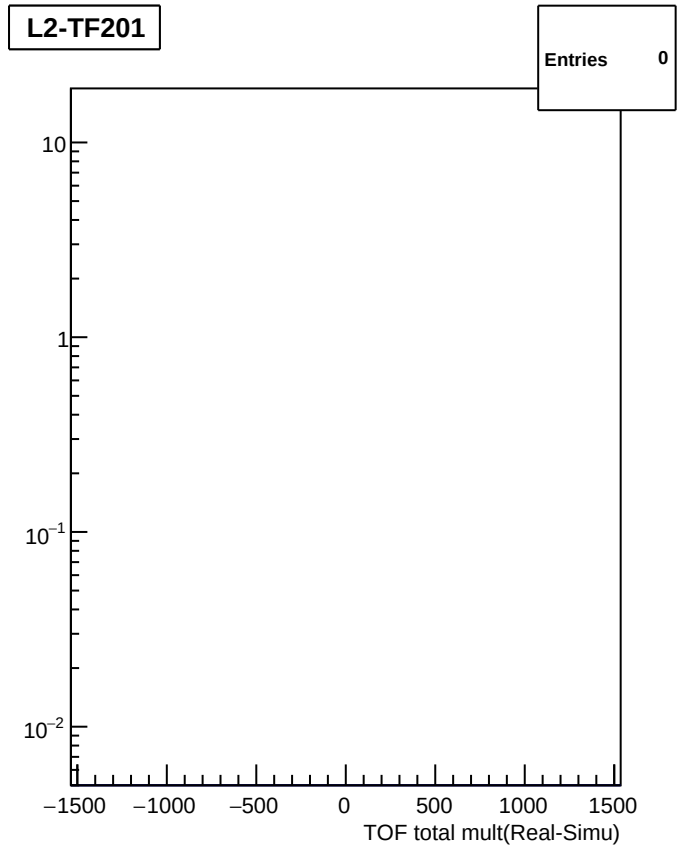

MIX-TF101
Entries 2763984
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

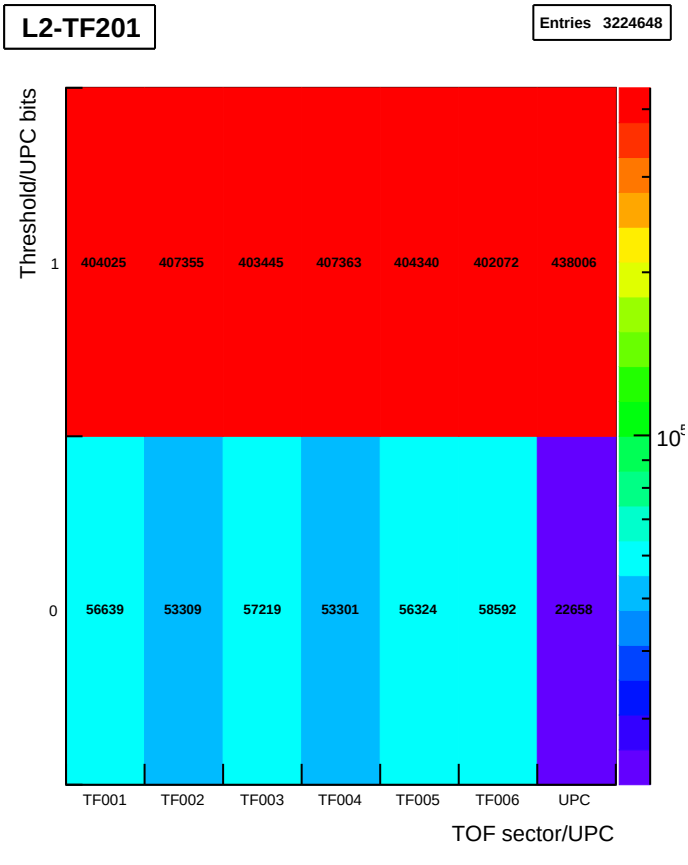

MIX-TF101
Entries 154955
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

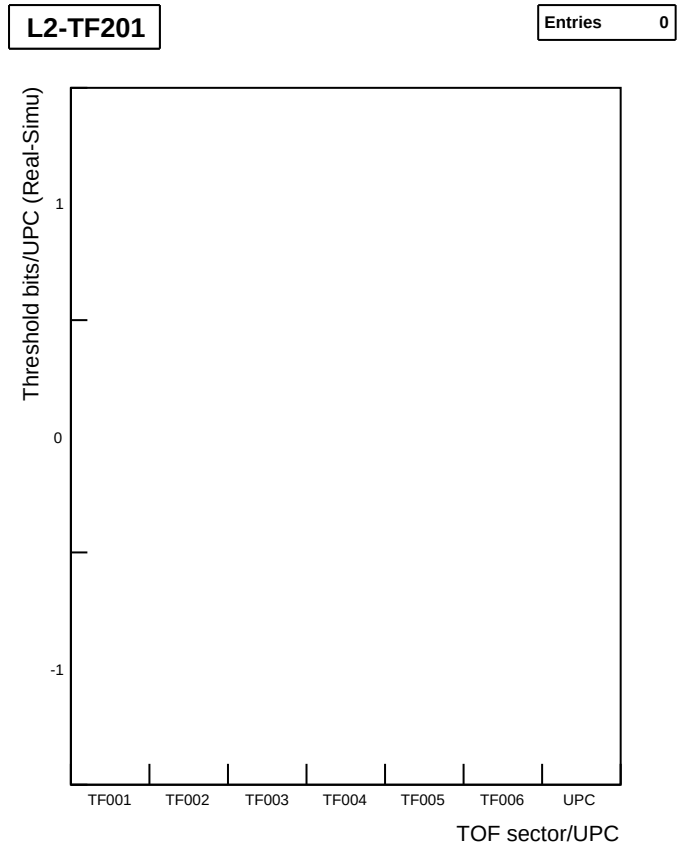

MIX-TF101
Entries 2763984
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

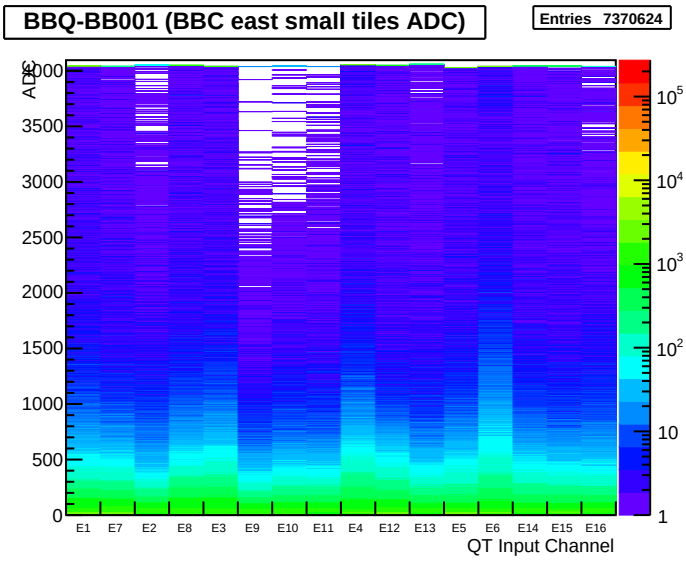

MIX-TF101
Entries 337787
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

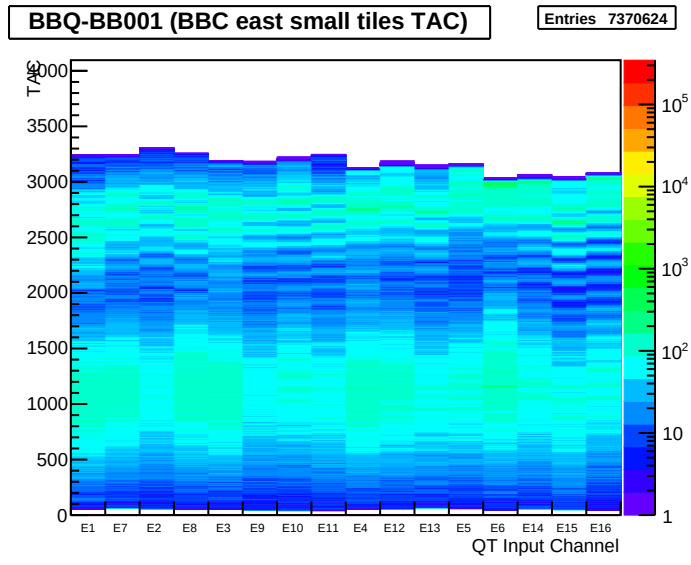

L2-TF201
Entries 460664
TOF total mult

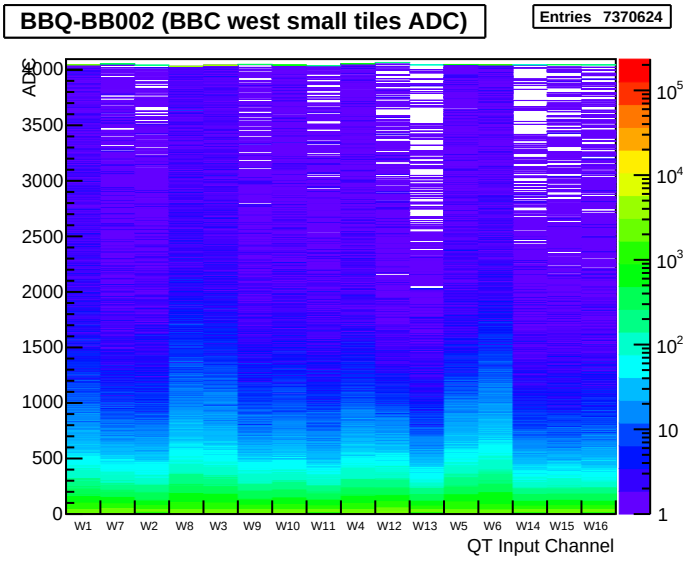

L2-TF201
Entries 0
TOF total mult(Real-Simu)

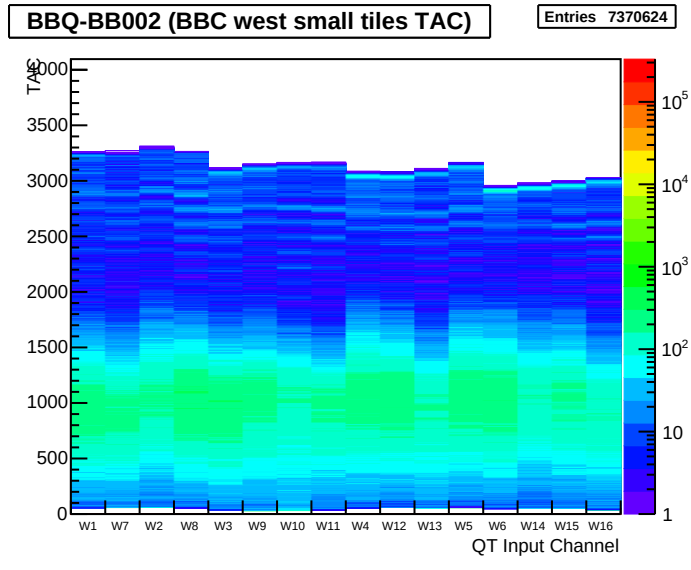

L2-TF201
Entries 3224648
Threshold/UPC bits
404025
407355
403445
407363
404340
402072
438006
56639
53309
57219
53301
56324
58592
22658
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

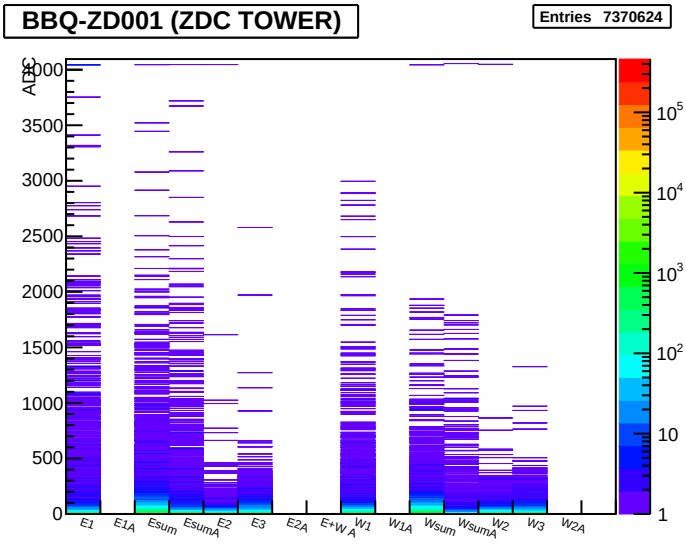

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

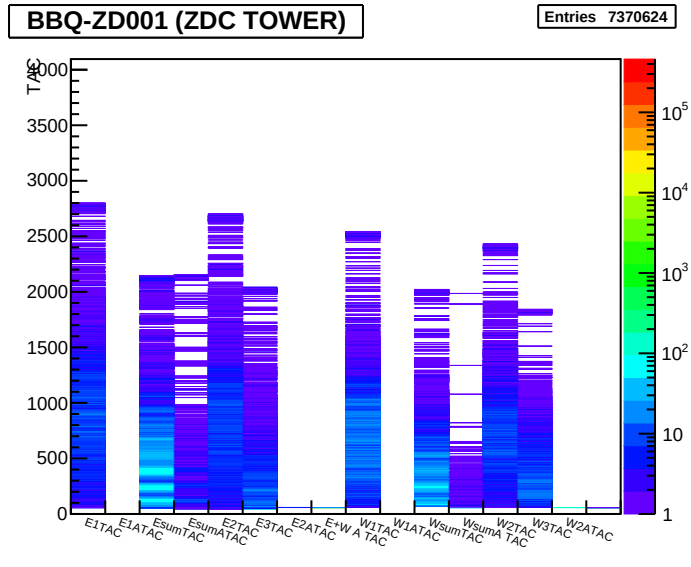

BBQ-BB001 (BBC east small tiles ADC)
Entries 7370624
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

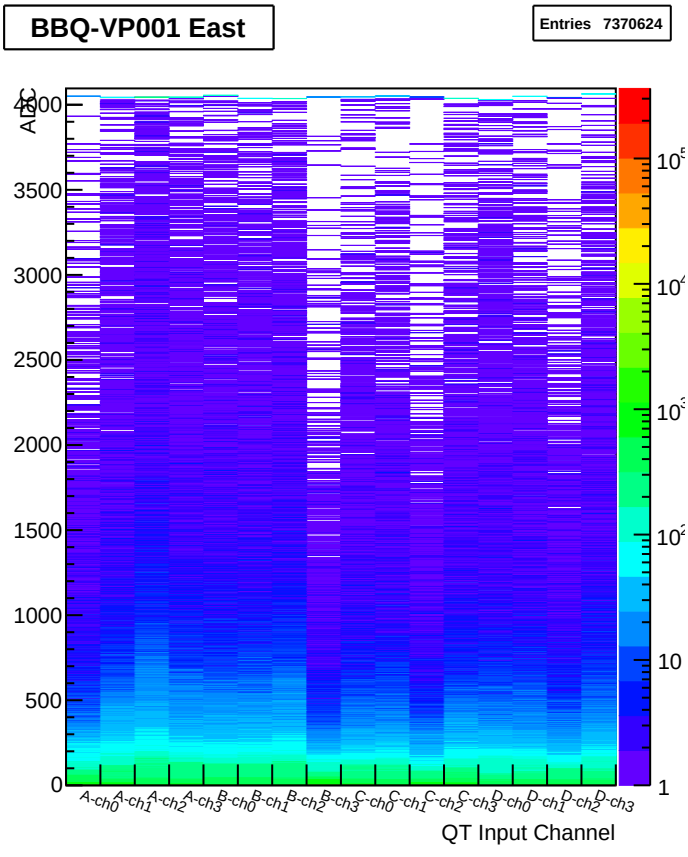

BBQ-BB001 (BBC east small tiles TAC)
Entries 7370624
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

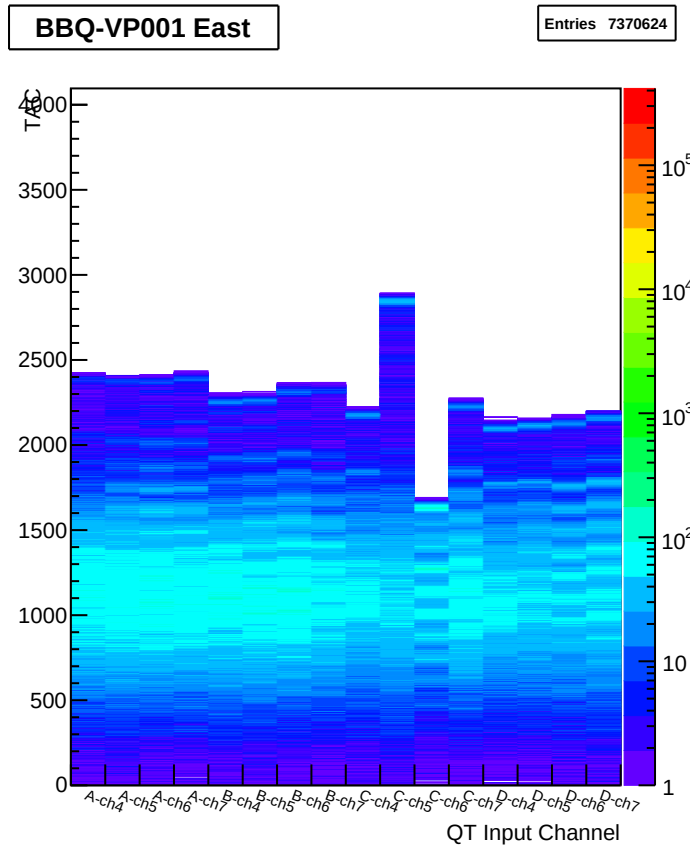

BBQ-BB002 (BBC west small tiles ADC)
Entries 7370624
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

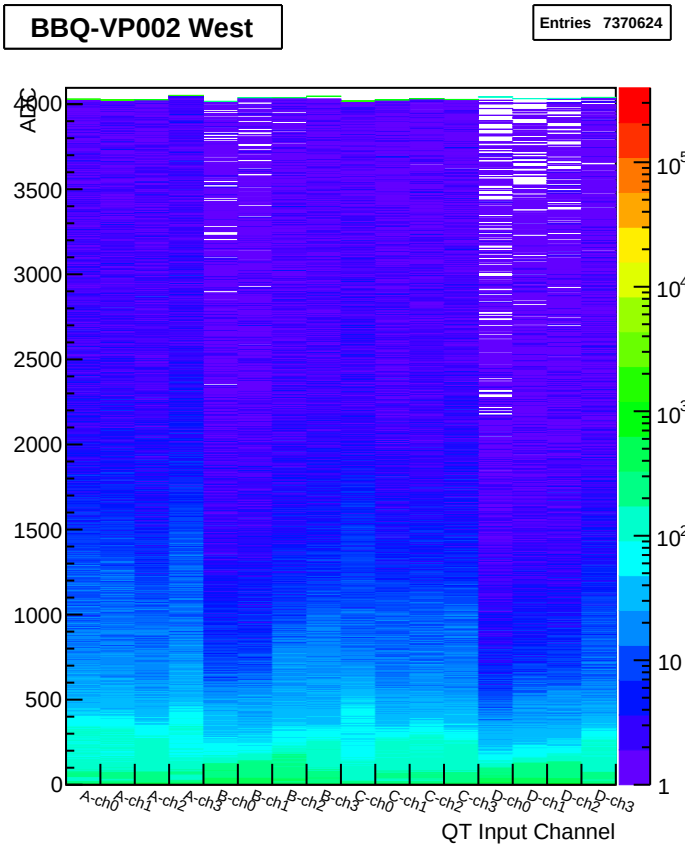

BBQ-BB002 (BBC west small tiles TAC)
Entries 7370624
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

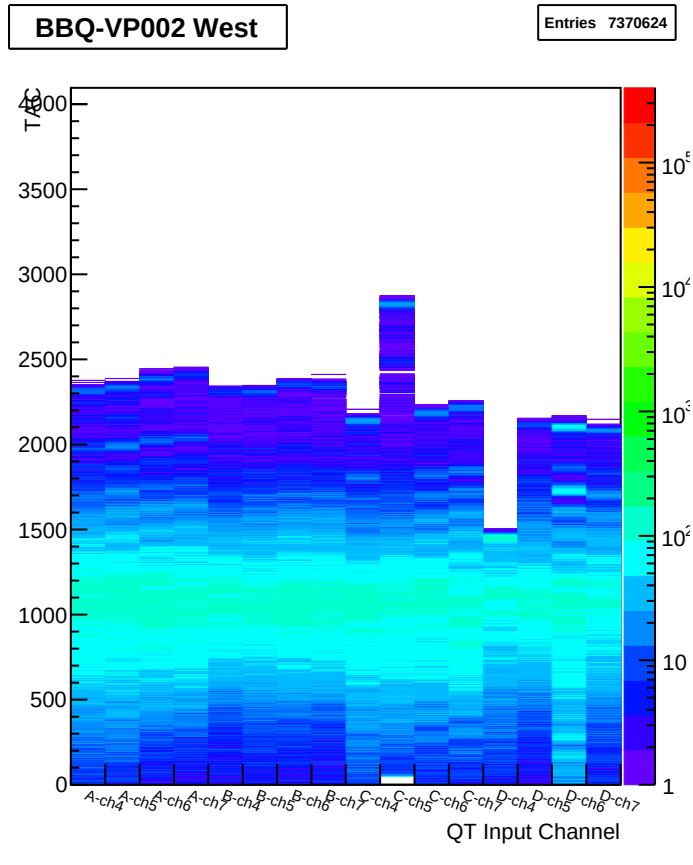

BBQ-ZD001 (ZDC TOWER)
Entries 7370624
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

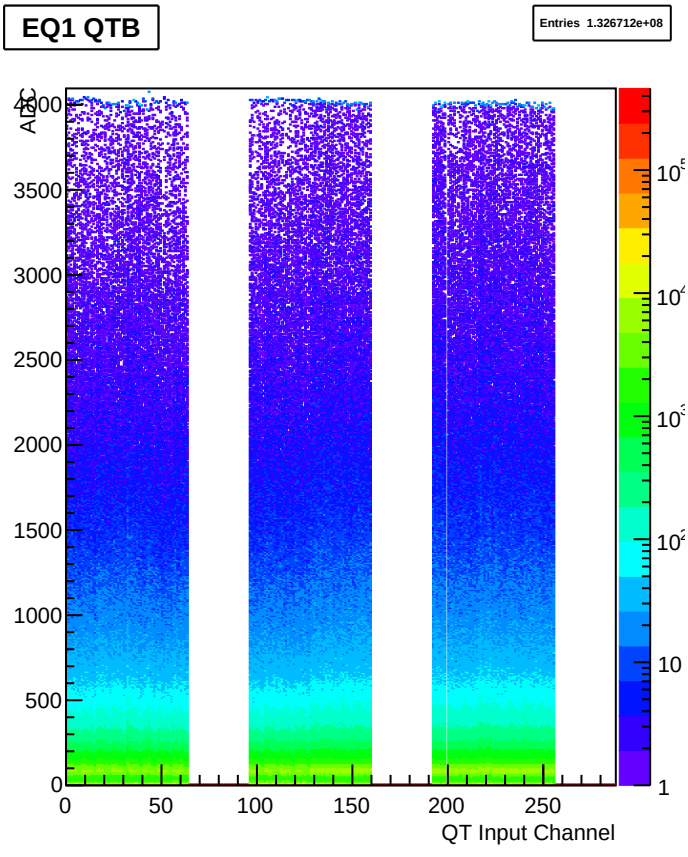

BBQ-ZD001 (ZDC TOWER)
Entries 7370624
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

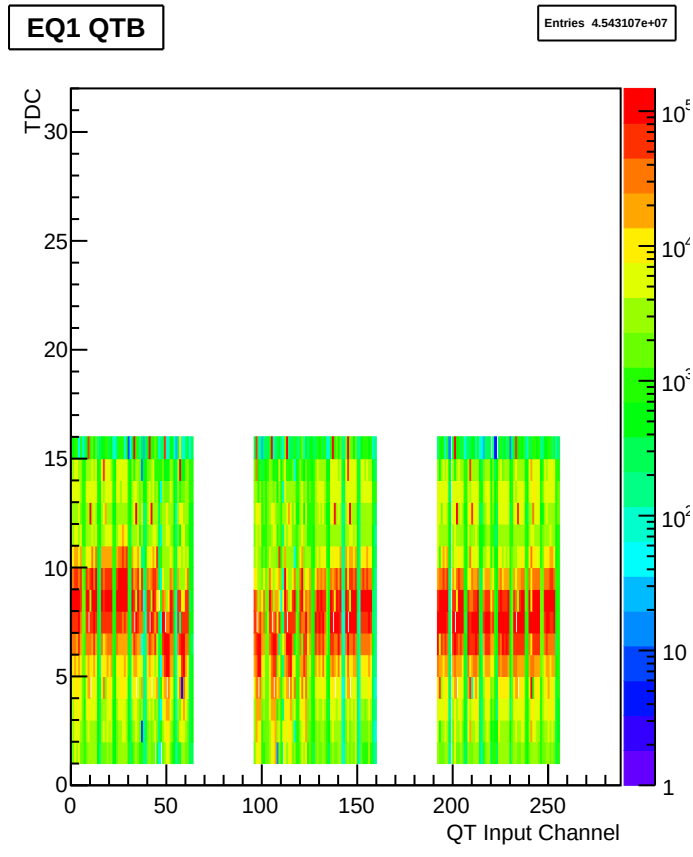

BBQ-VP001 East
Entries 7370624
ADC
QT Input Channel

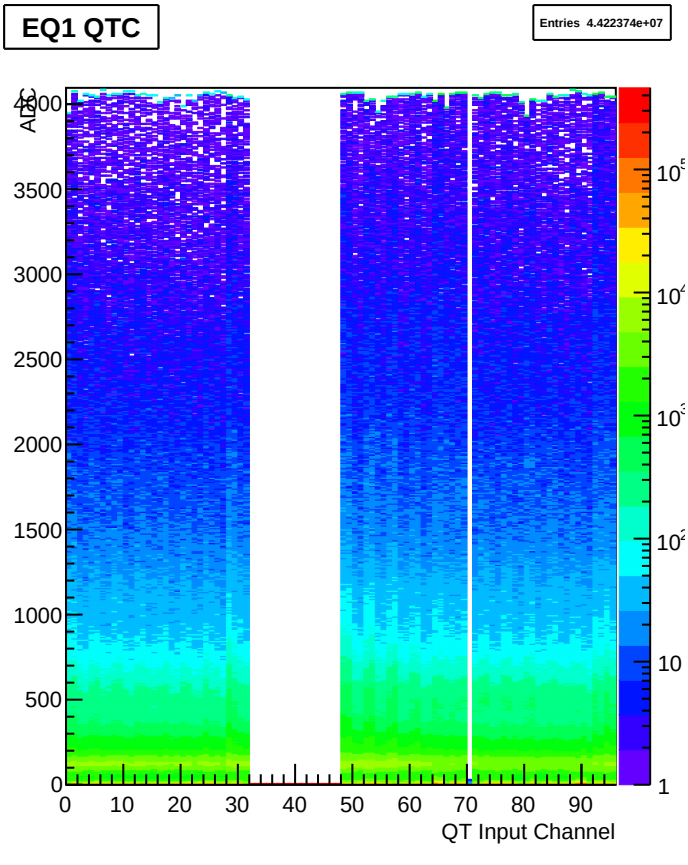

BBQ-VP001 East
Entries 7370624
TADC
QT Input Channel

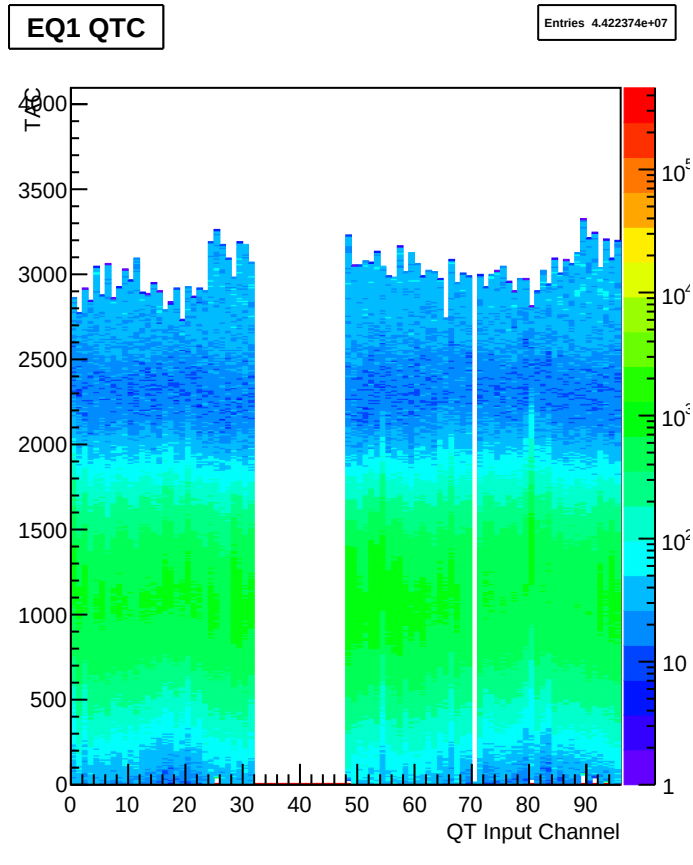

BBQ-VP002 West
Entries 7370624
ADC
QT Input Channel

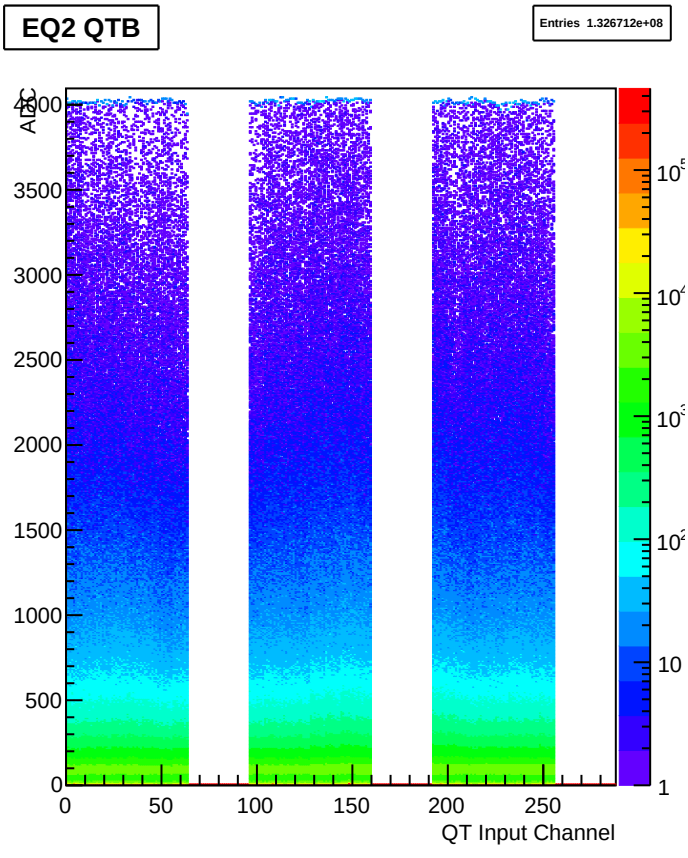

BBQ-VP002 West
Entries 7370624
TADC
QT Input Channel

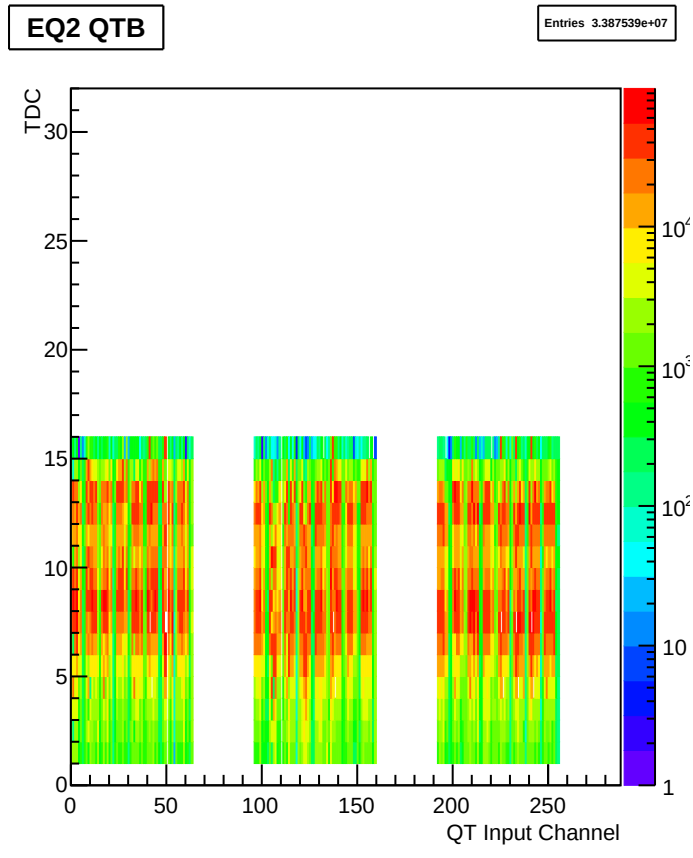

EQ1 QTB
Entries 1.326712e+08
ADC
QT Input Channel

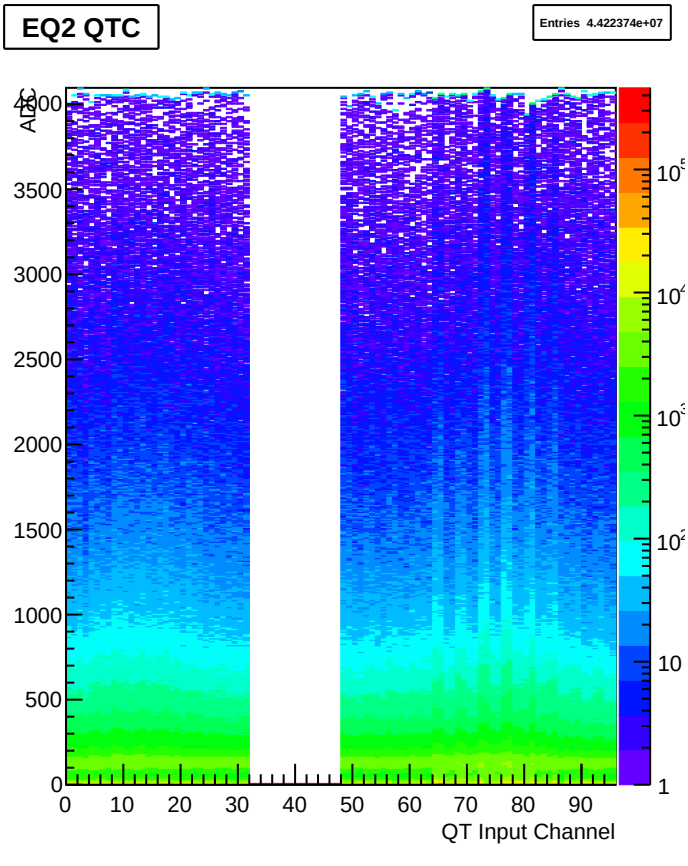

EQ1 QTB
Entries 4.543107e+07
TDC
QT Input Channel

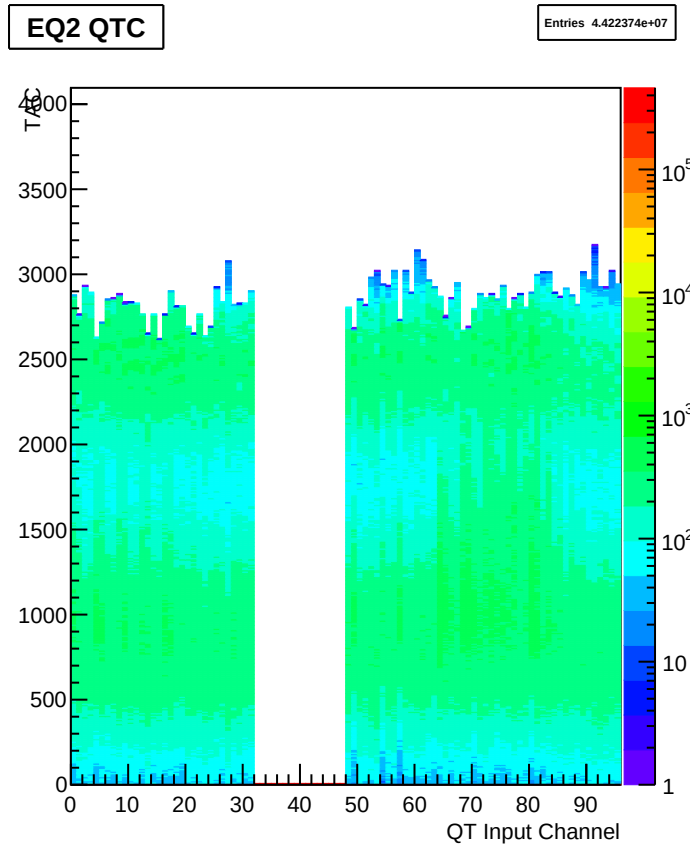

EQ1 QTC
Entries 4.422374e+07
ADC
QT Input Channel

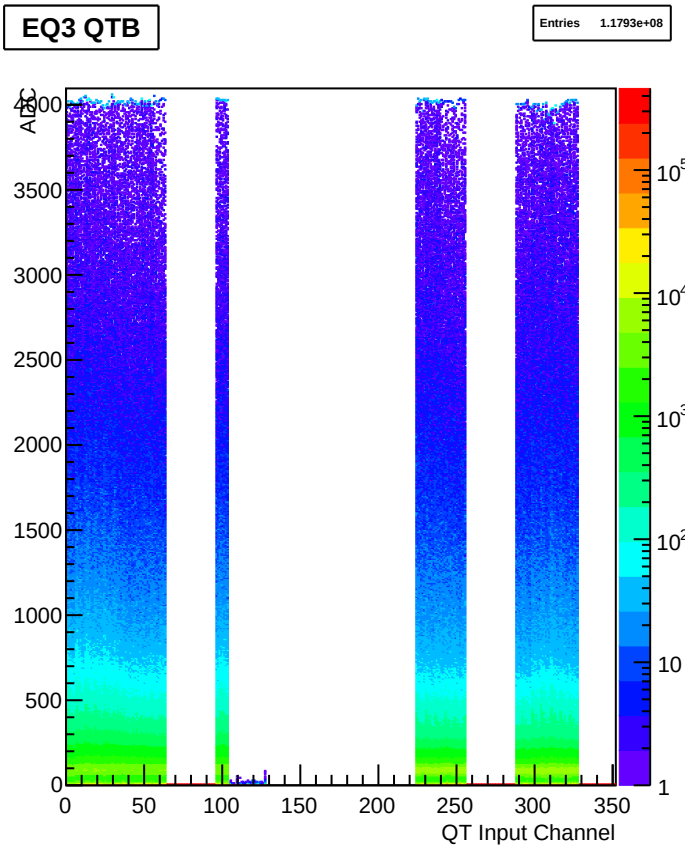

EQ1 QTC
Entries 4.422374e+07
TADC
QT Input Channel

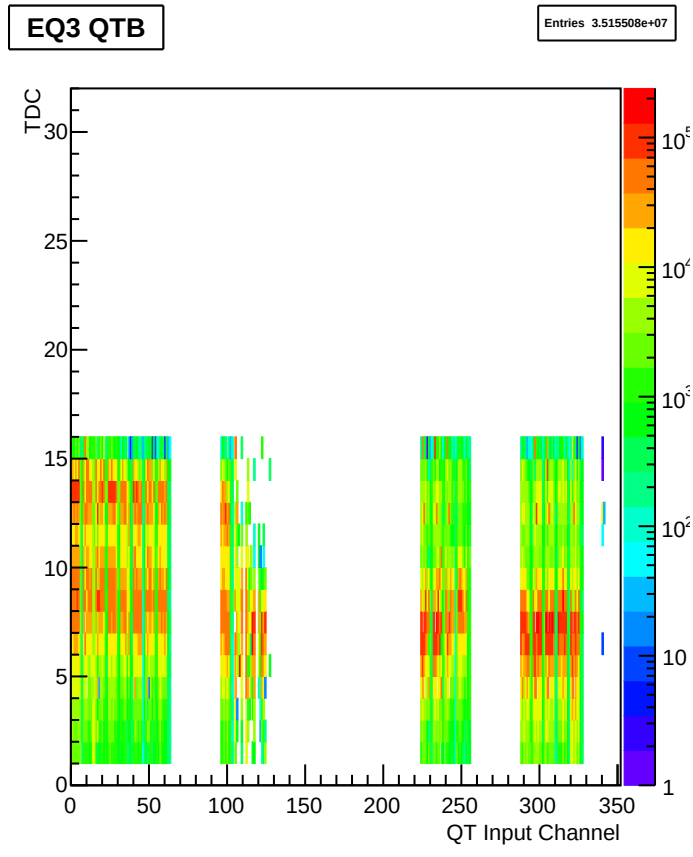

EQ2 QTB
Entries 1.326712e+08
ADC
QT Input Channel

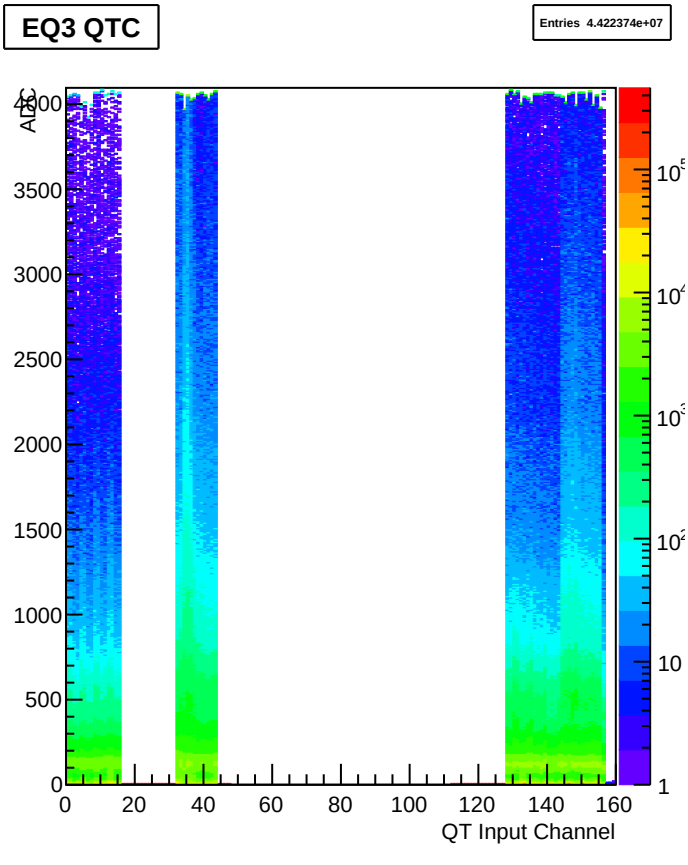

EQ2 QTB
Entries 3.387539e+07
TDC
QT Input Channel

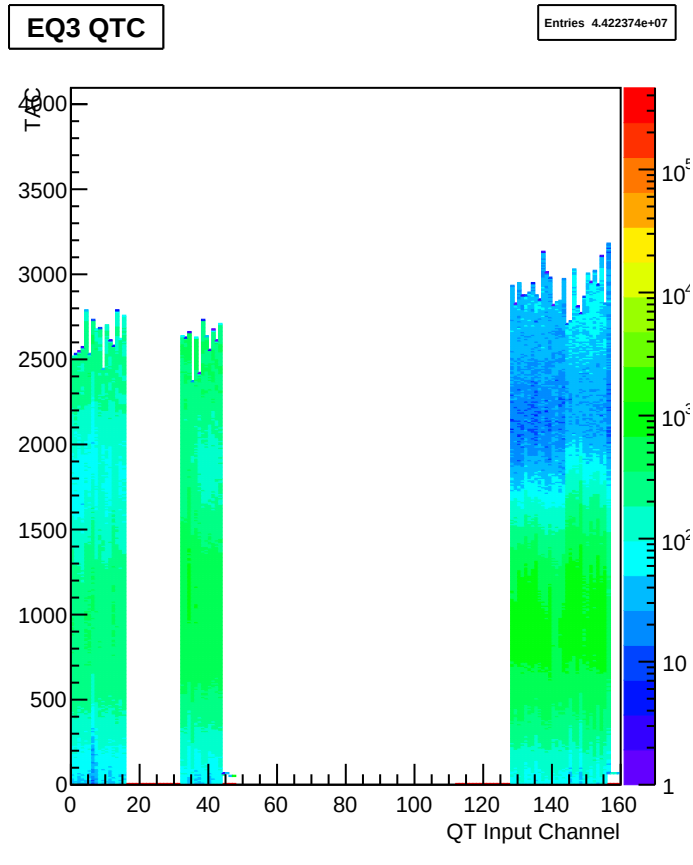

EQ2 QTC
Entries 4.422374e+07
ADC
QT Input Channel

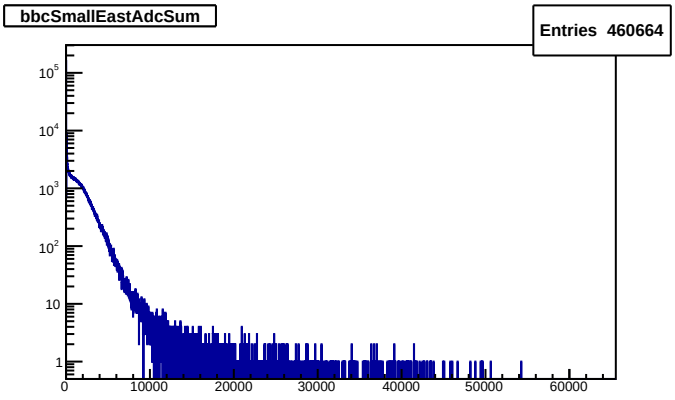

EQ2 QTC
Entries 4.422374e+07
TADC
QT Input Channel

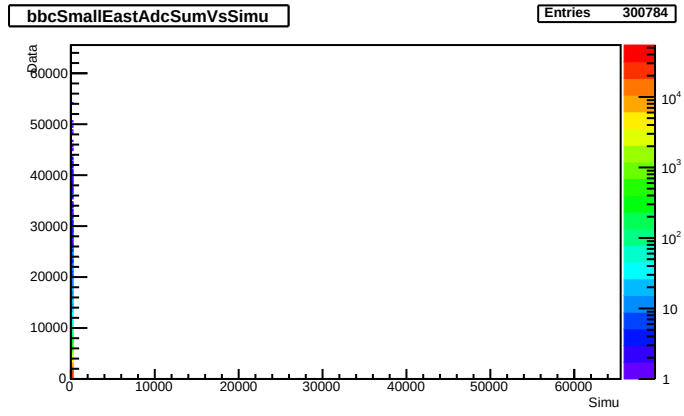

EQ3 QTB
Entries 1.1793e+08
ADC
QT Input Channel

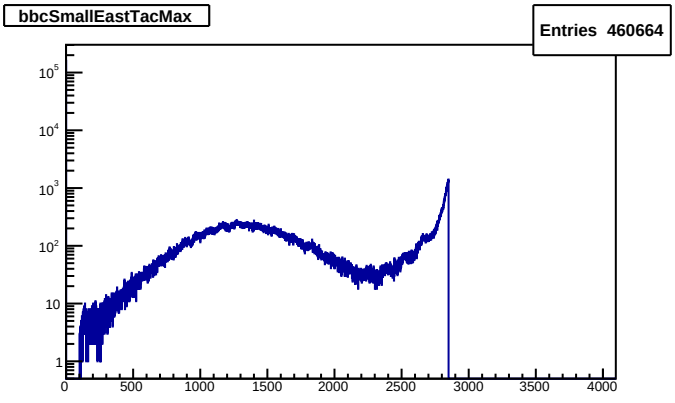

EQ3 QTB
Entries 3.515508e+07
TDC
QT Input Channel

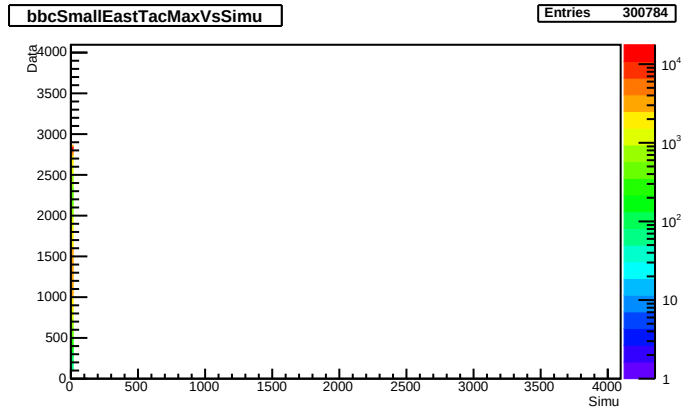

EQ3 QTC
Entries 4.422374e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.422374e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 460664


bbcSmallEastAdcSumVsSimu
Entries 300784
Data
Simu


bbcSmallEastTacMax
Entries 460664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Entries 300784
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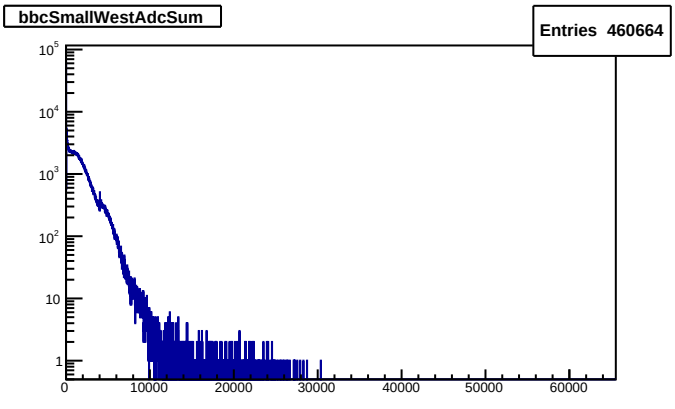
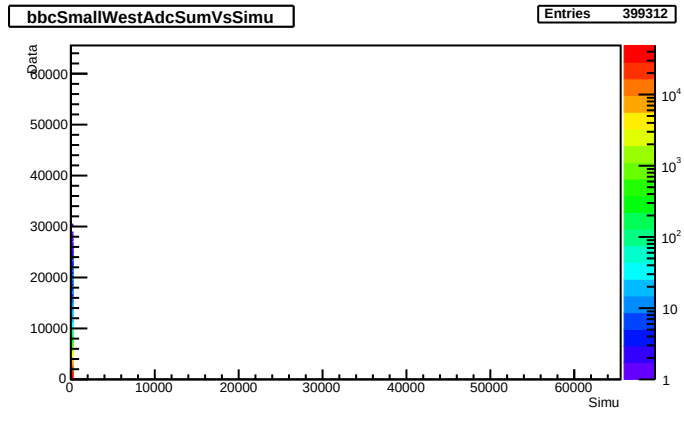
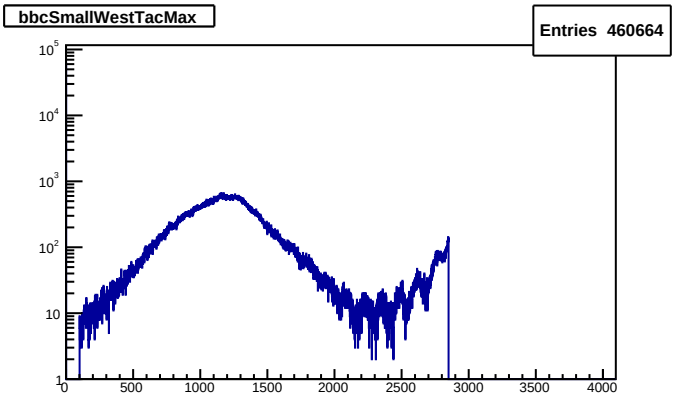
Simu


bbcSmallWestAdcSum
Entries 460664


bbcSmallWestAdcSumVsSimu
Entries 399312
Data
Simu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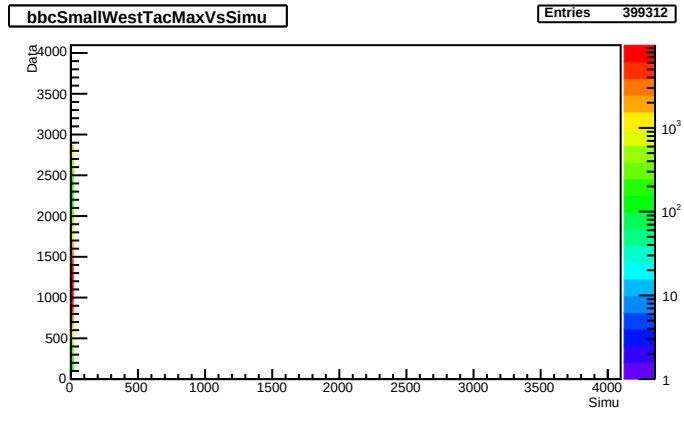
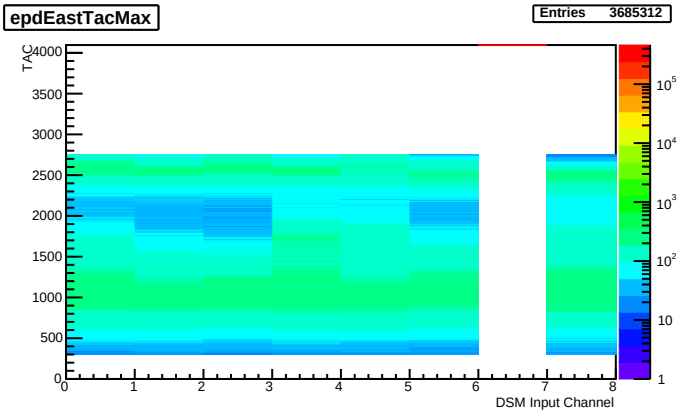
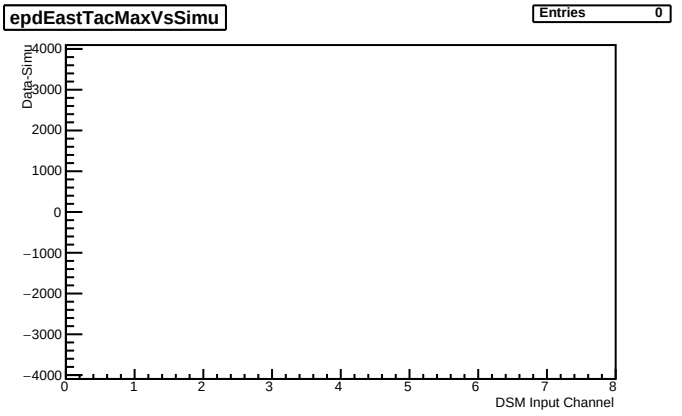
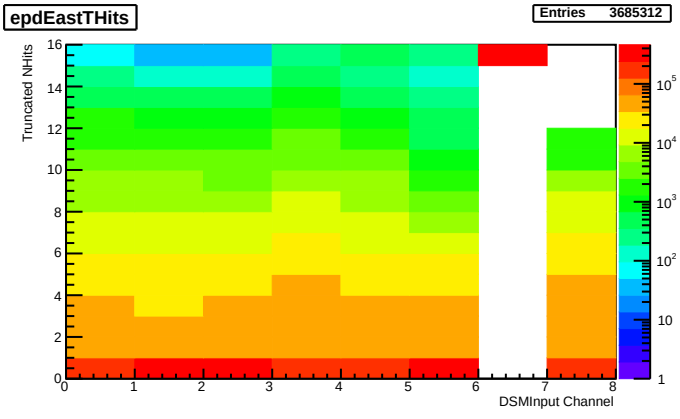
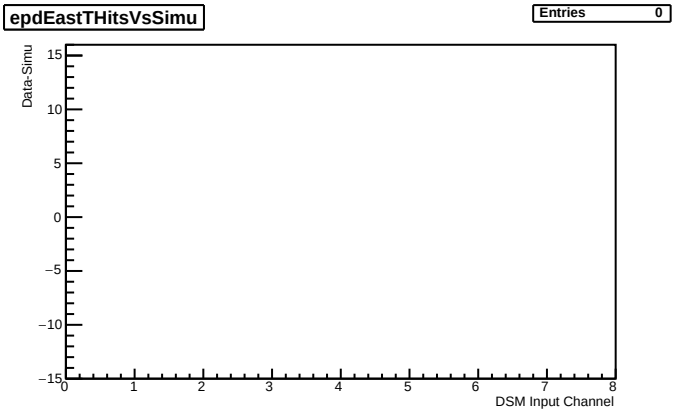
Entries 460664


bbcSmallWestTacMaxVsSimu
Entries 399312
Data
Simu


epdEastTacMax
Entries 3685312
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3685312
Truncated NHits
DSMInput Channel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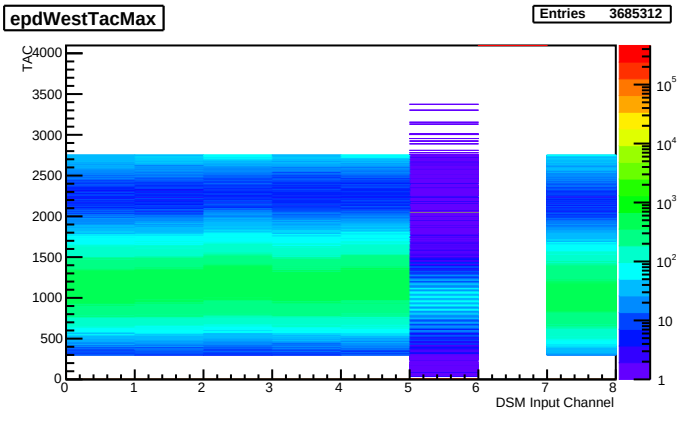
Entries 0
Data-Simu
DSM Input Channel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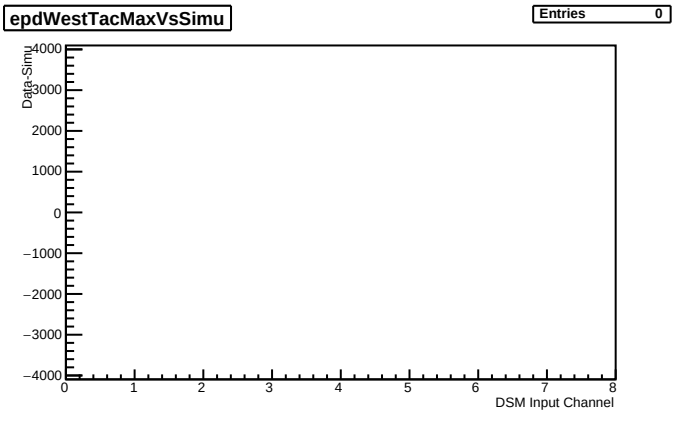
Entries 3685312
TAC
DSM Input Channel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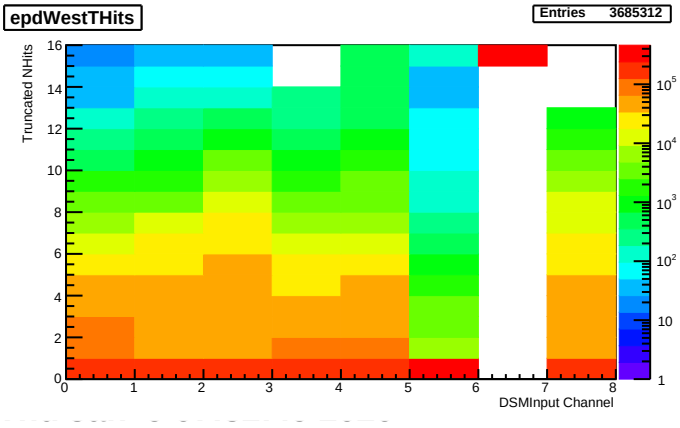
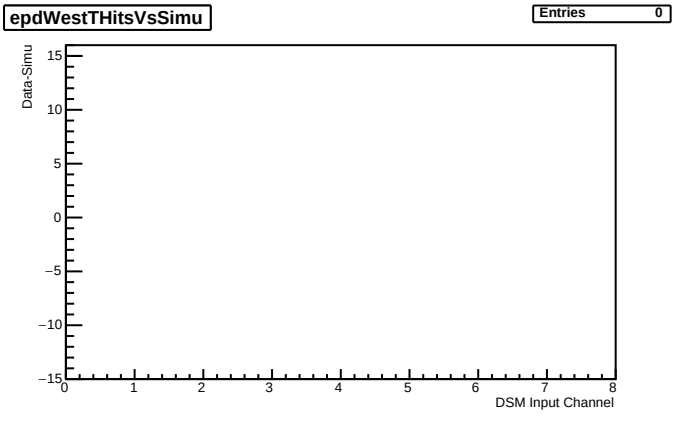
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3685312
Truncated NHits
DSMInput Channel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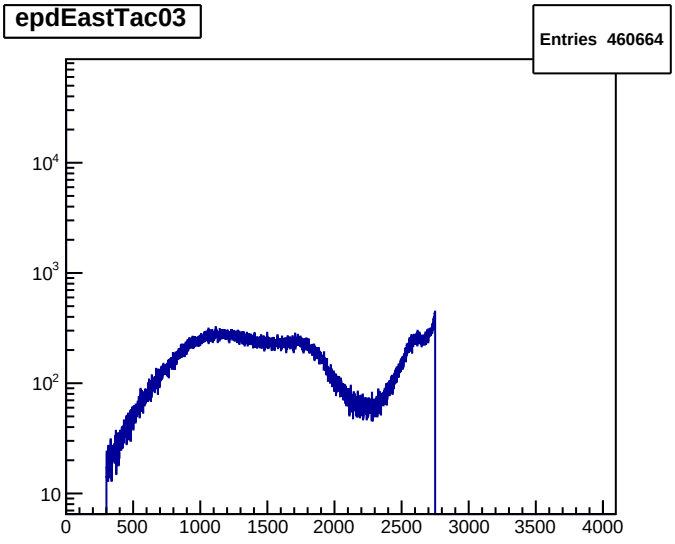
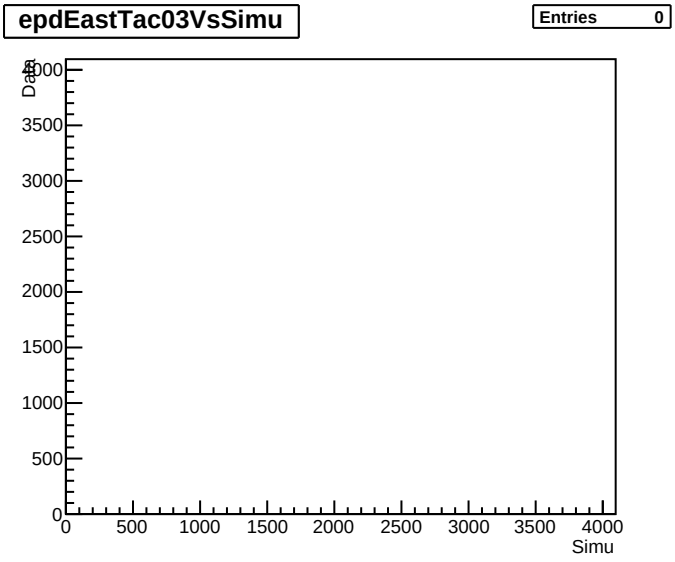
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 460664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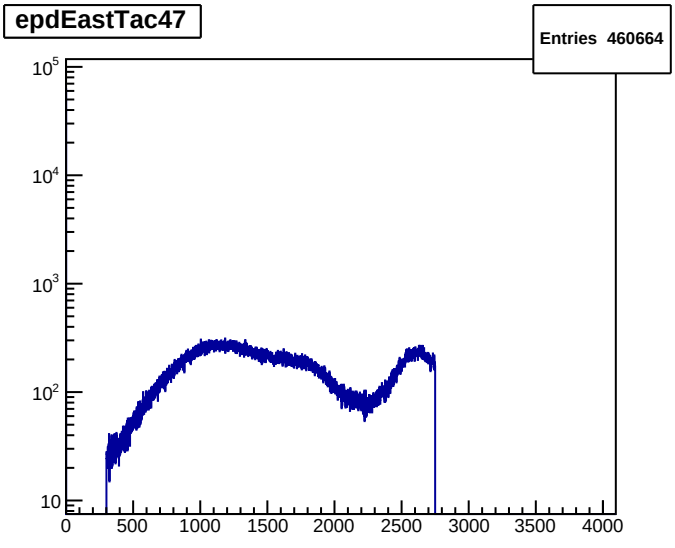
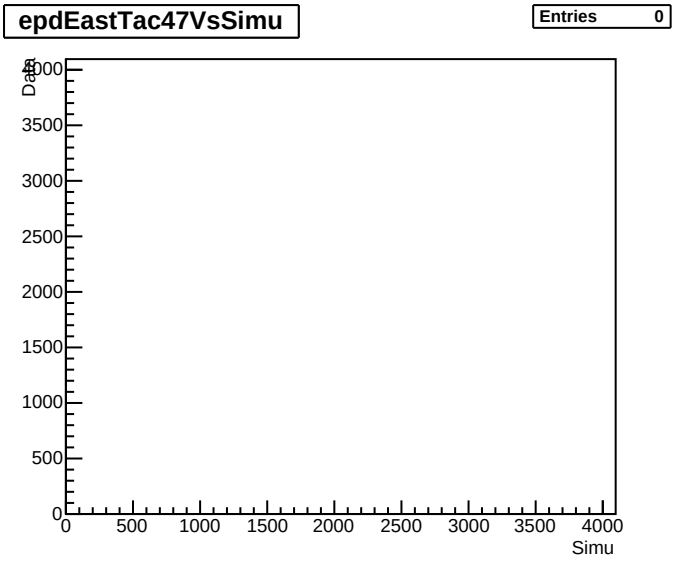
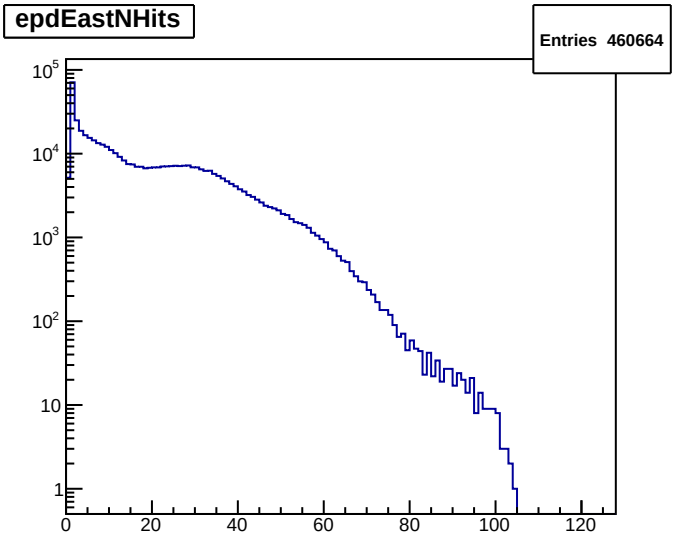
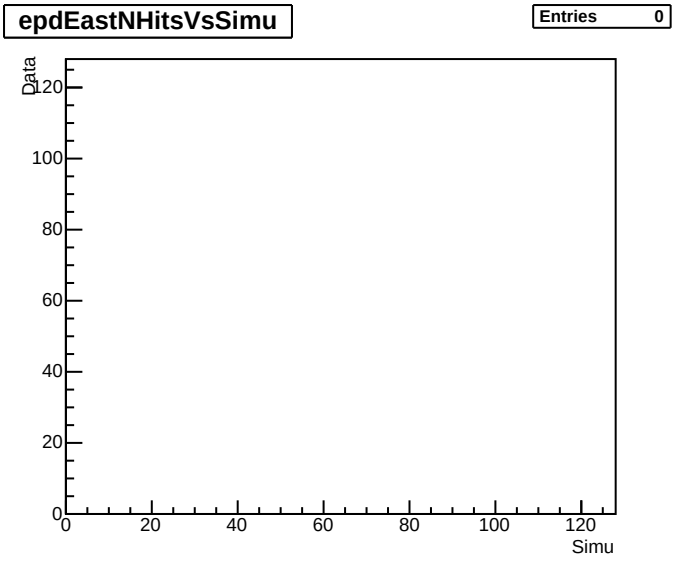
Entries 0
Data
Simu


epdEastTac47
Entries 460664


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 460664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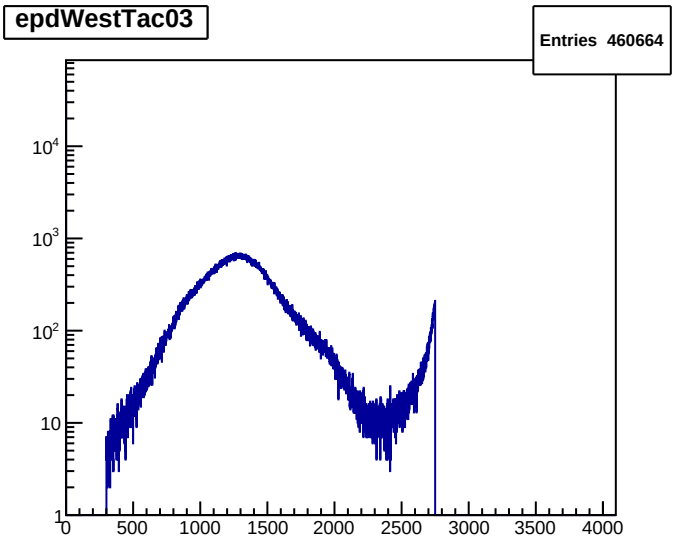
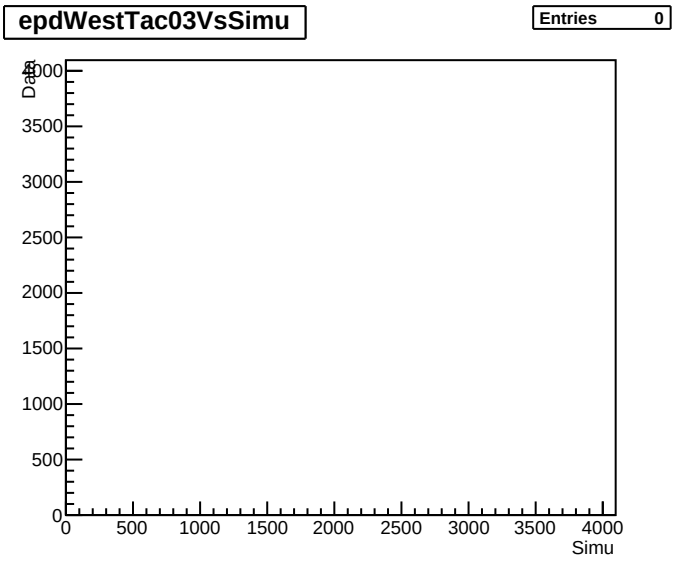
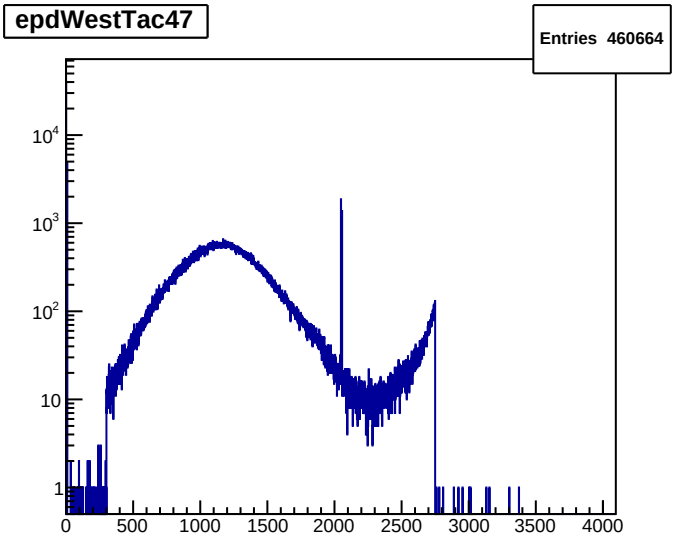
Entries 0
Data
Simu


epdWestTac03
Entries 460664


epdWestTac03VsSimu
Entries 0
Data
Simu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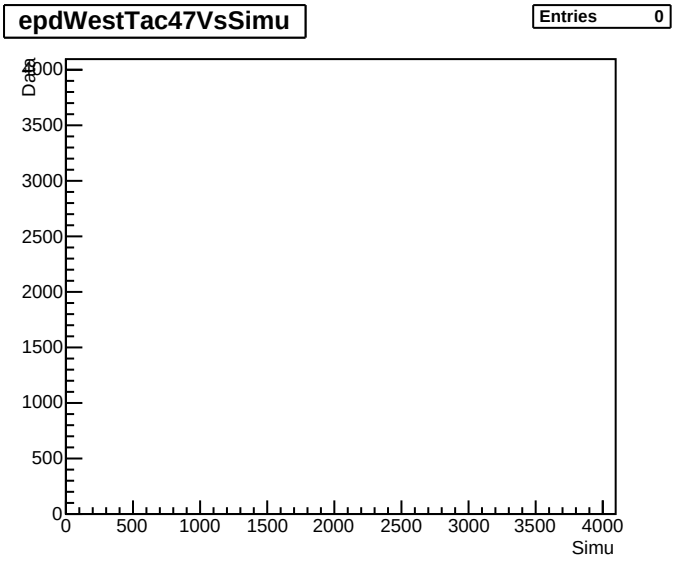
Entries 460664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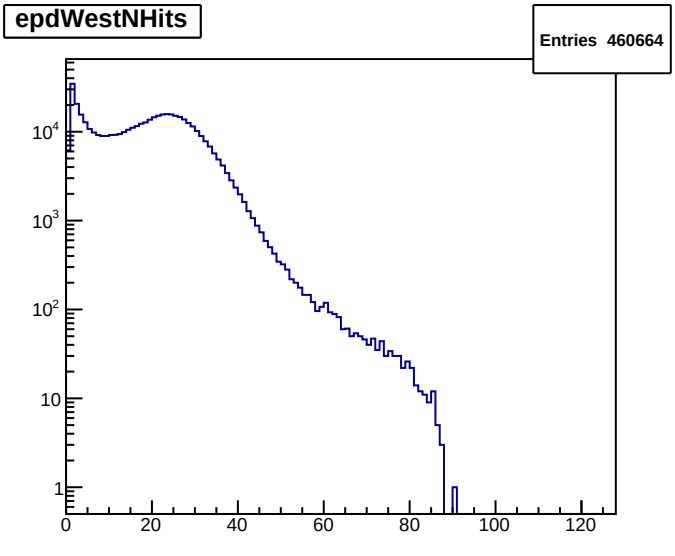
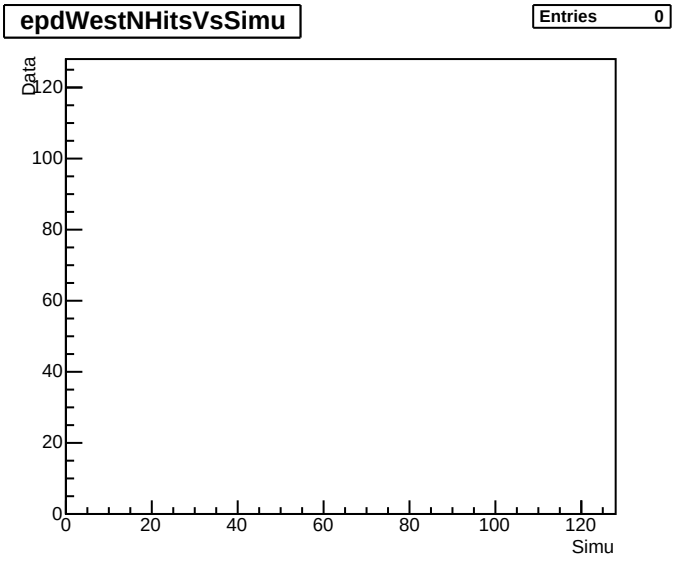
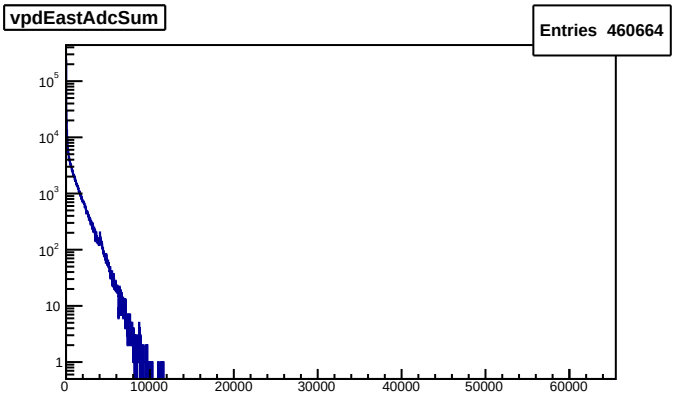
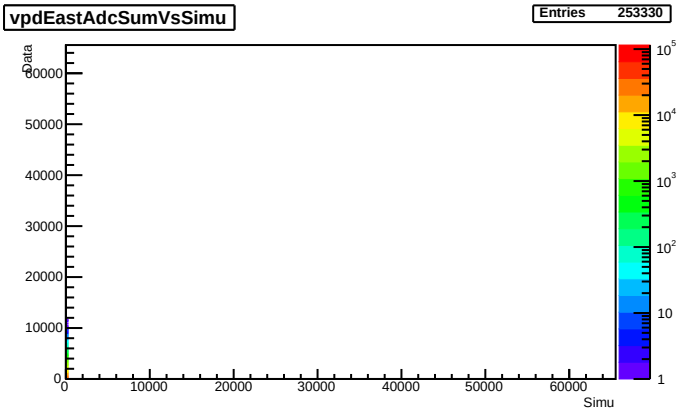
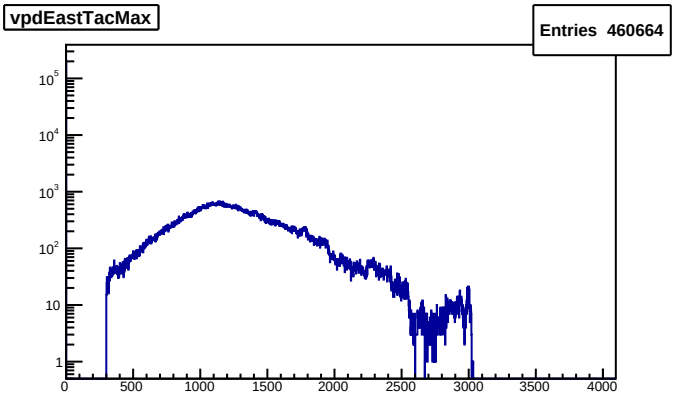
Entries 0
Data
Simu

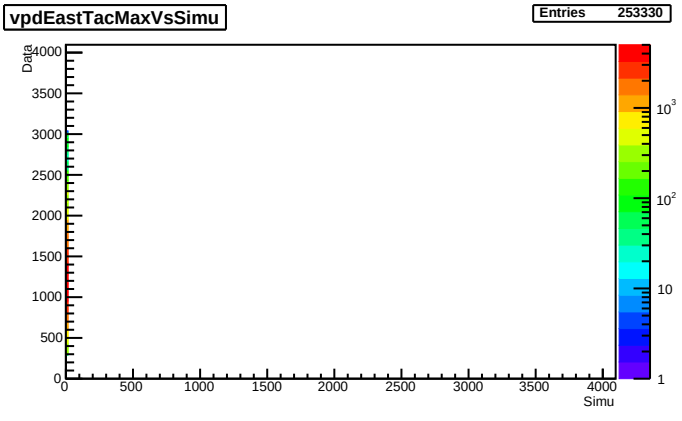

epdWestNHits
Entries 460664

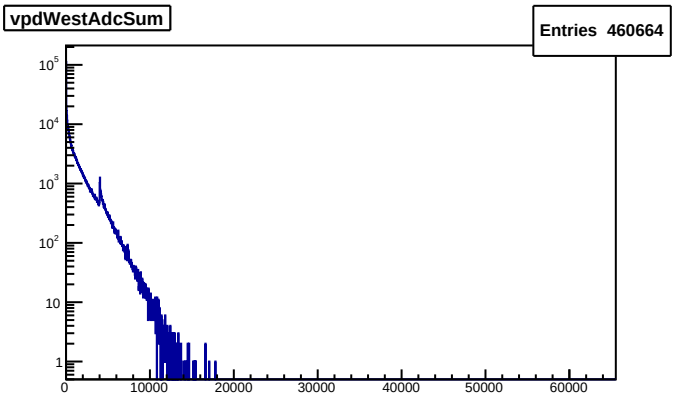

epdWestNHitsVsSimu
Entries 0
Data
Simu

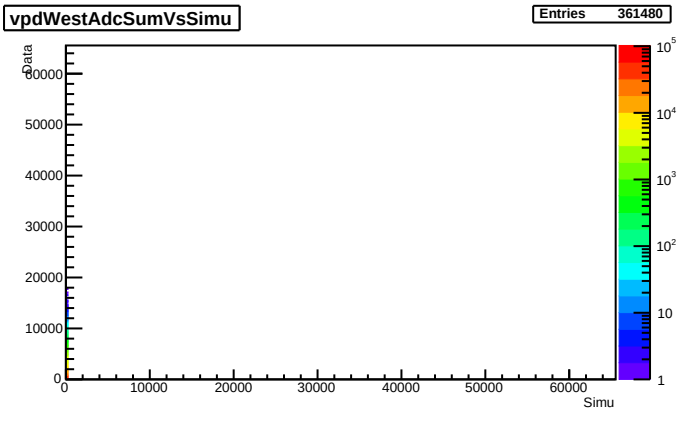

vpdEastAdcSum
Entries 460664

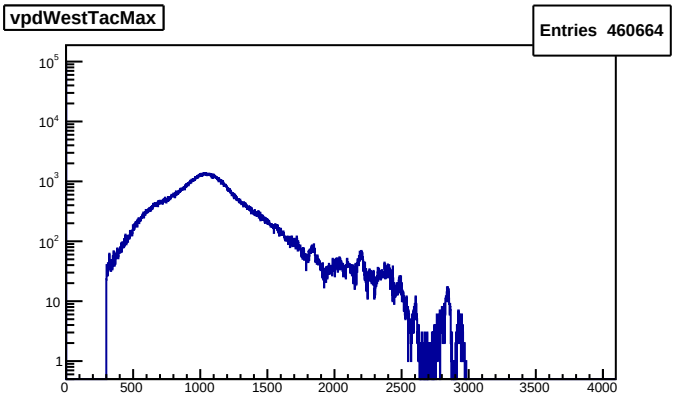

vpdEastAdcSumVsSimu
Entries 253330
Data
Simu

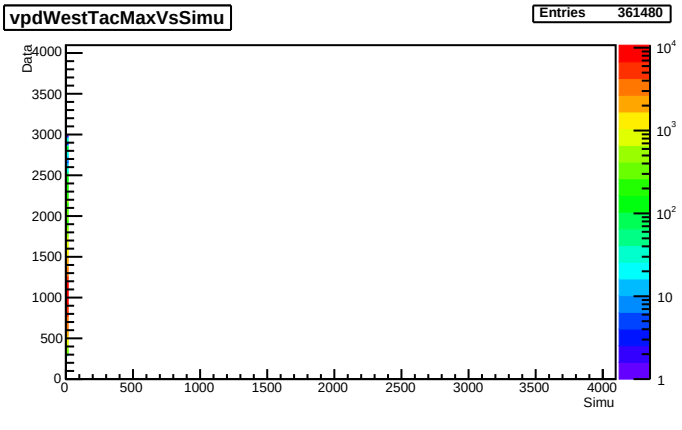

vpdEastTacMax
Entries 460664

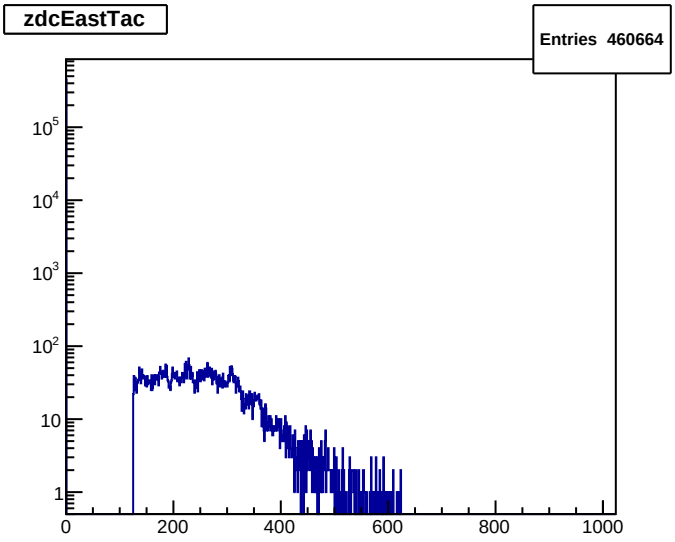

vpdEastTacMaxVsSimu
Entries 253330
Data
Simu

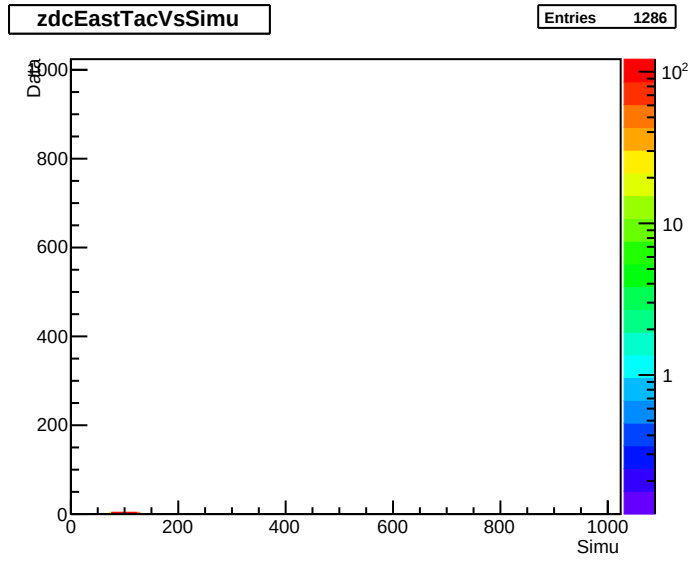

vpdWestAdcSum
Entries 460664

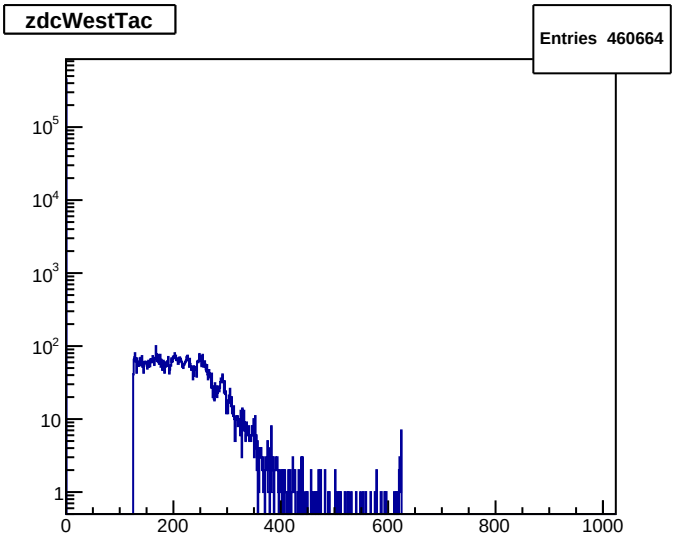

vpdWestAdcSumVsSimu
Entries 361480
Data
Simu

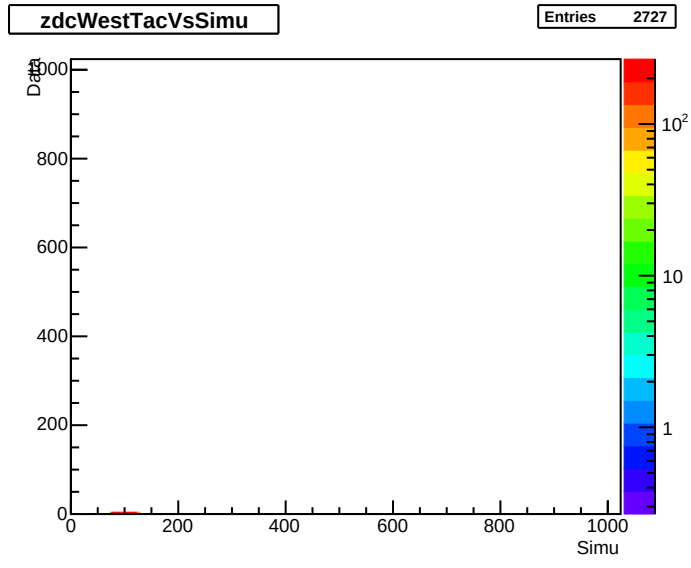

vpdWestTacMax
Entries 460664

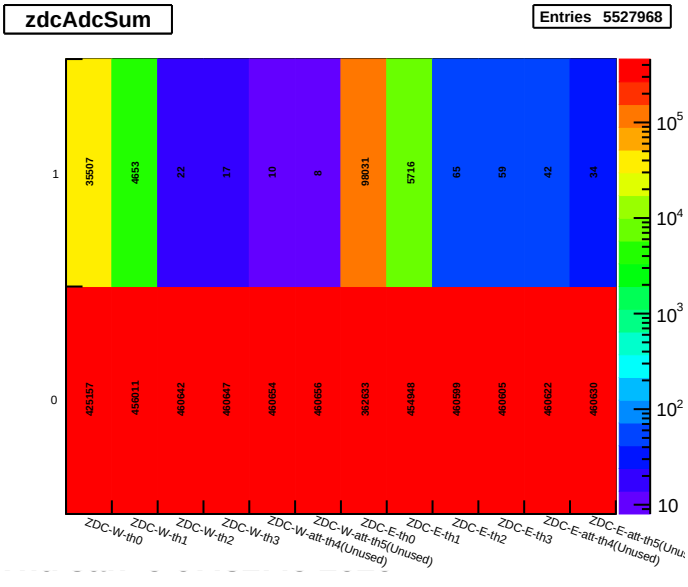

vpdWestTacMaxVsSimu
Entries 361480
Data
Simu

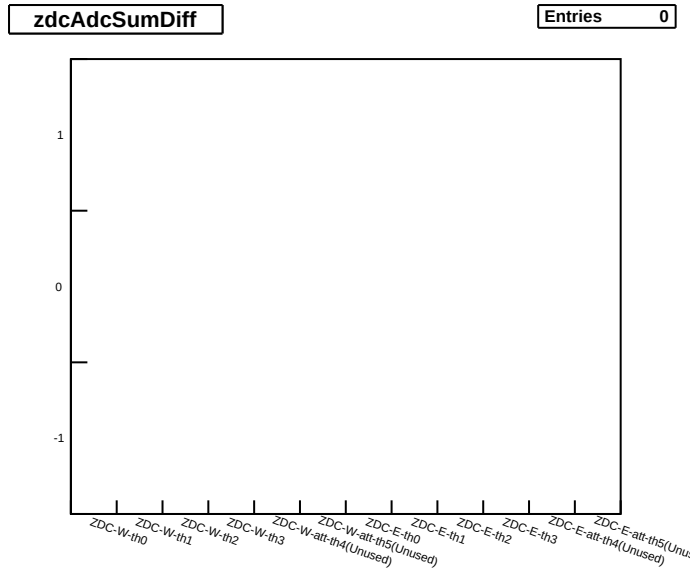

zdcEastTac
Entries 460664

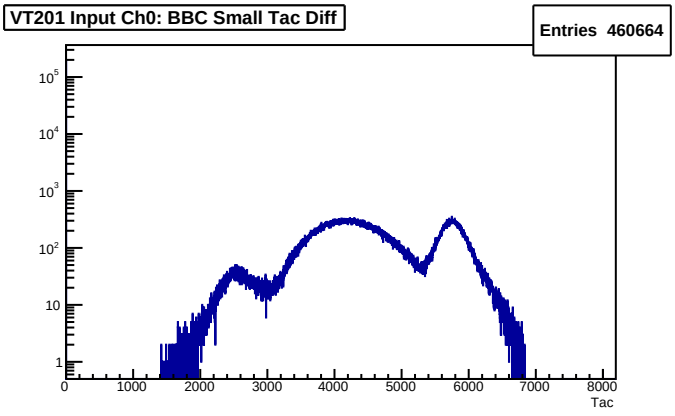

zdcEastTacVsSimu
Entries 1286
Data
Simu

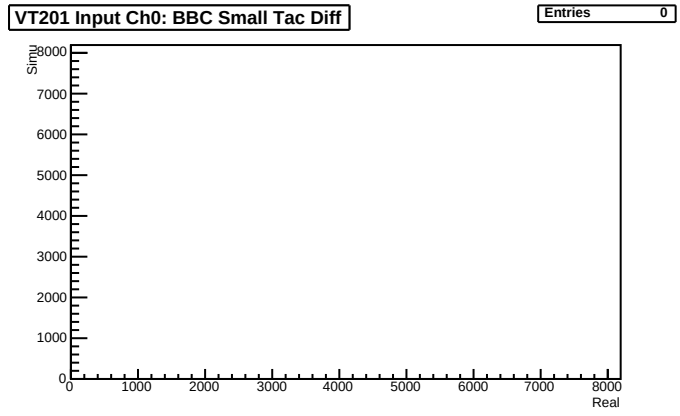

zdcWestTac
Entries 460664

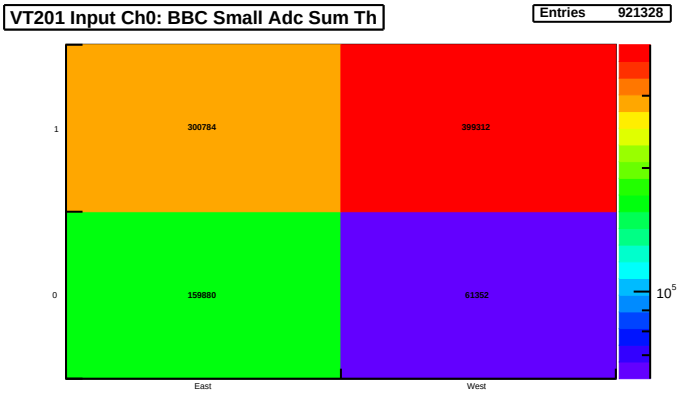

zdcWestTacVsSimu
Entries 2727
Data
Simu

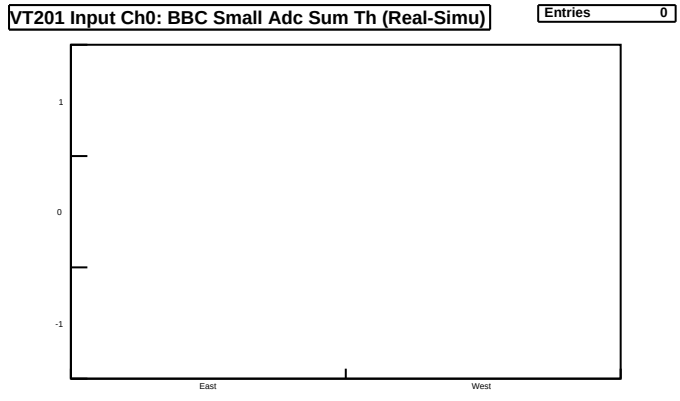

zdcAdcSum
Entries 5527968
35507
4653
22
17
10
8
98031
5716
65
59
42
34
425157
456011
460642
460647
460654
460656
362633
454946
460599
460605
460622
460630
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

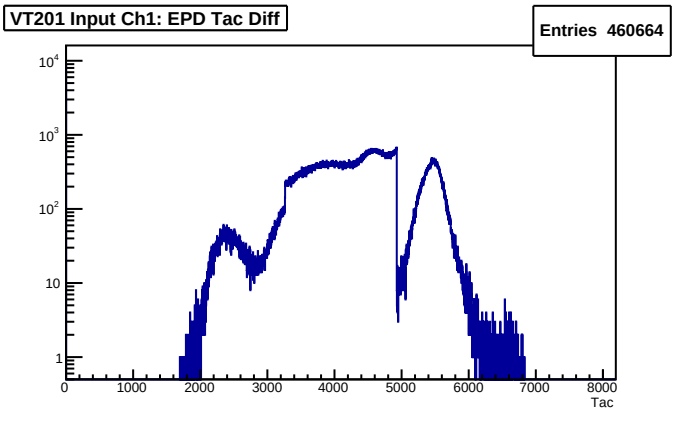

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

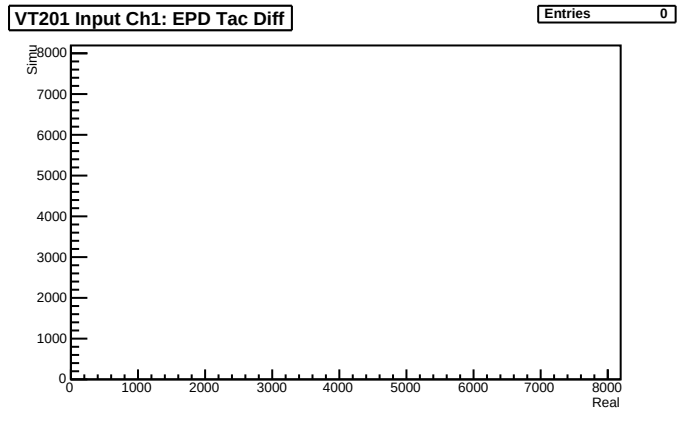

VT201 Input Ch0: BBC Small Tac Diff
Entries 460664
Tac

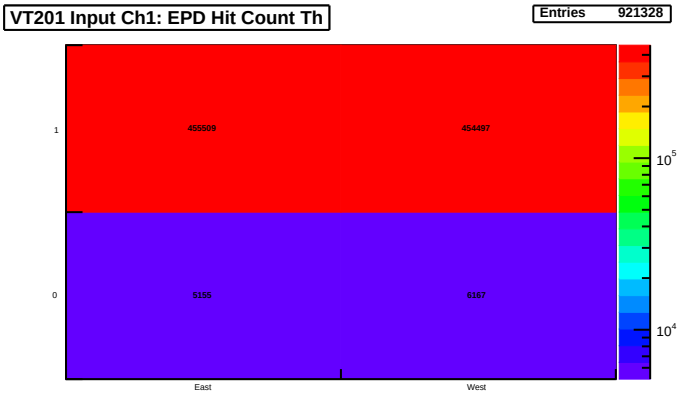

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

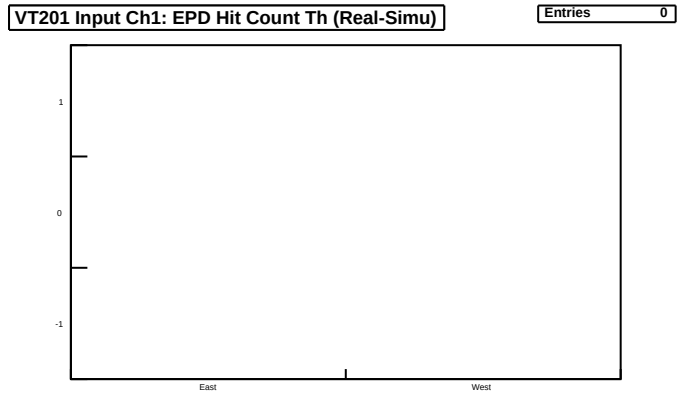

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 921328
300784
399312
159880
61352
East
West

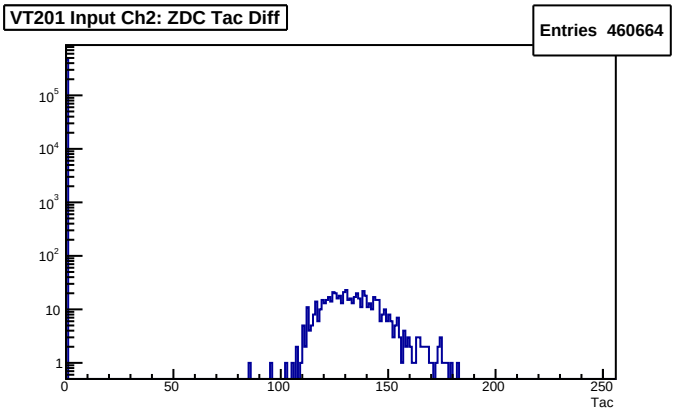

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

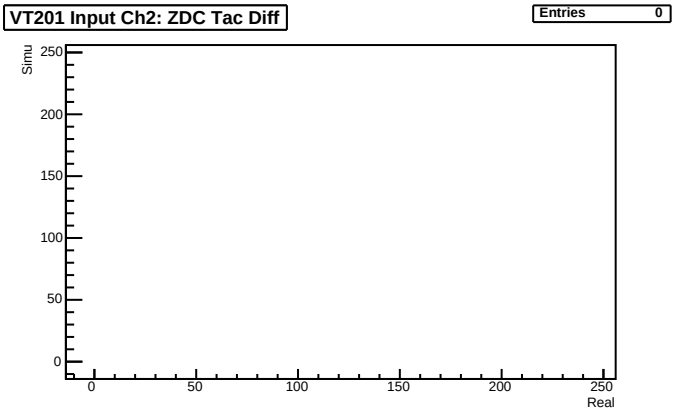

VT201 Input Ch1: EPD Tac Diff
Entries 460664
Tac

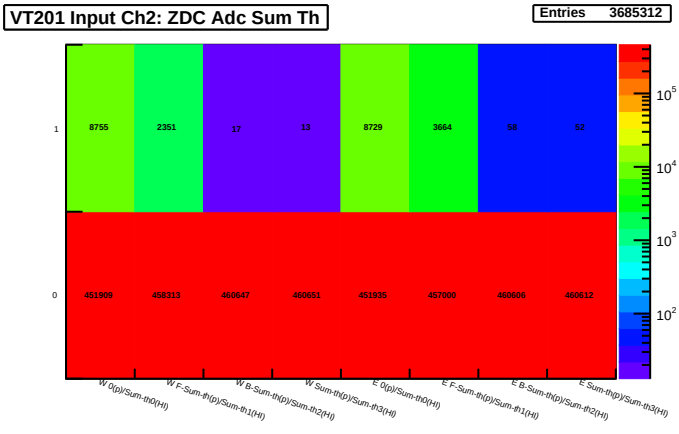

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

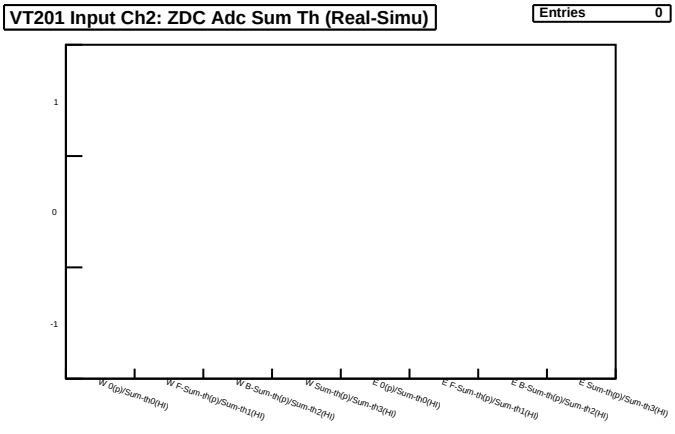

VT201 Input Ch1: EPD Hit Count Th
Entries 921328
455509
454497
5155
6167
East
West

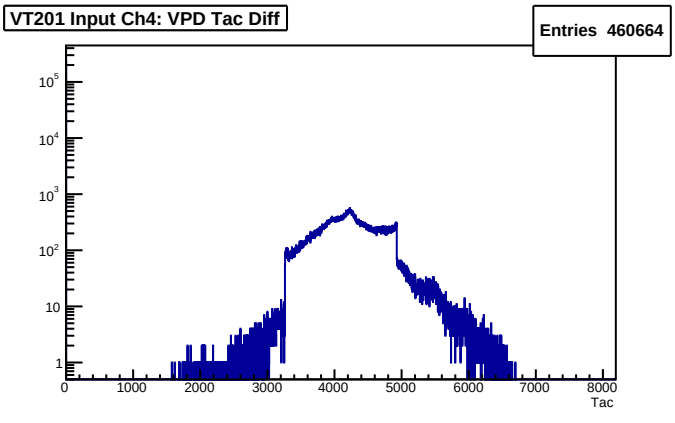

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

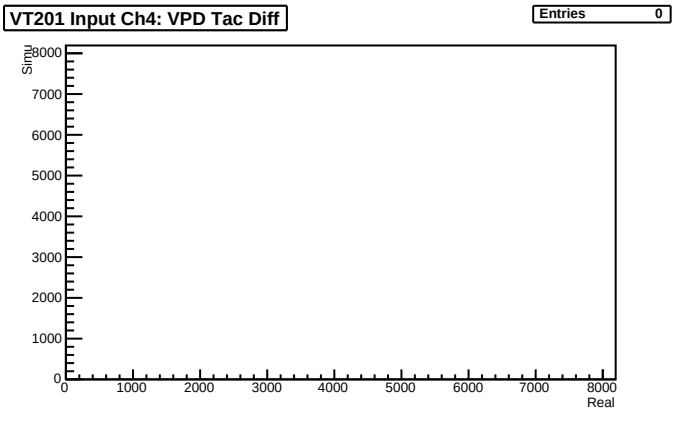

VT201 Input Ch2: ZDC Tac Diff
Entries 460664
Tac

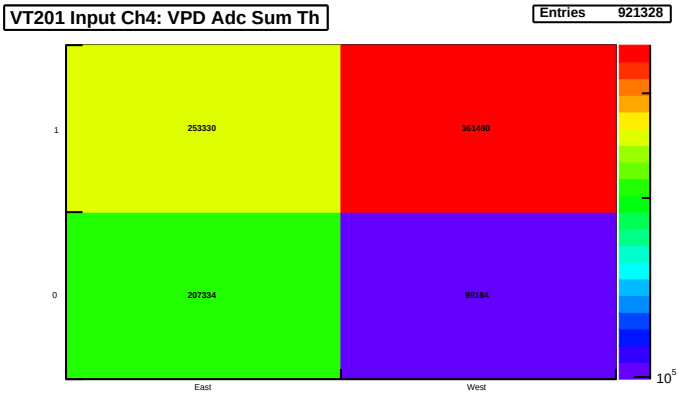

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

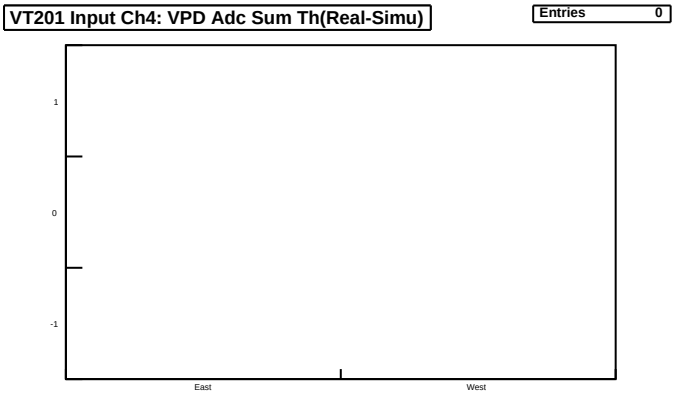

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3685312
8755
2351
17
13
8729
3664
58
52
451909
458313
460647
460651
451935
457000
460606
460612
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

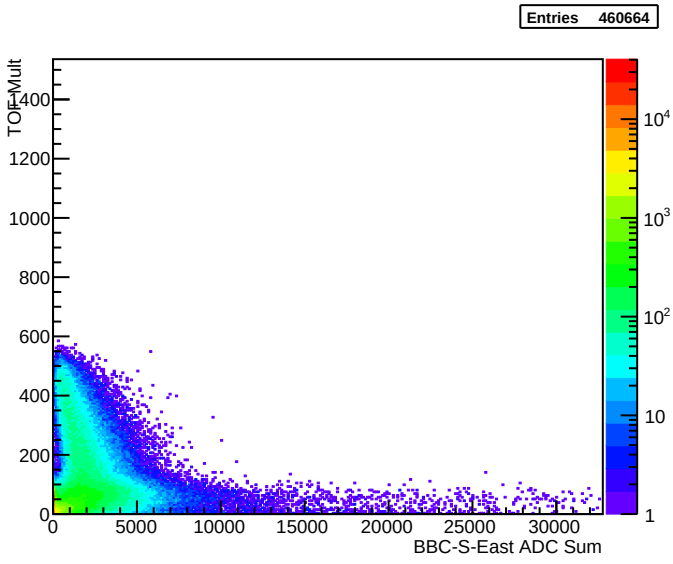

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

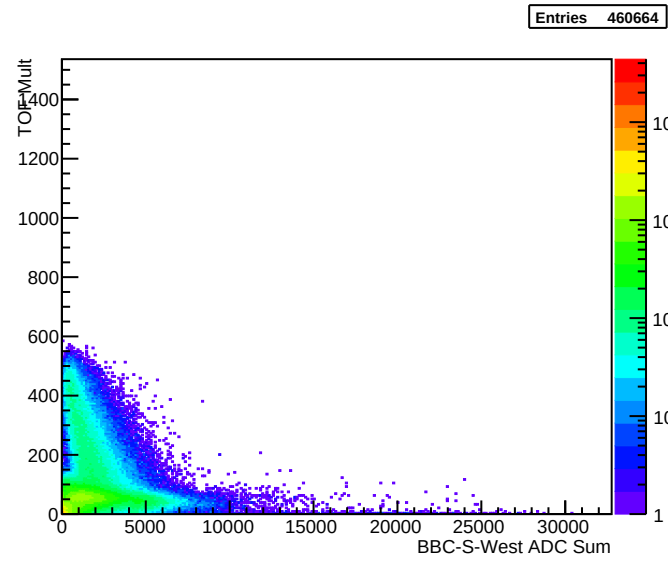

VT201 Input Ch4: VPD Tac Diff
Entries 460664
Tac

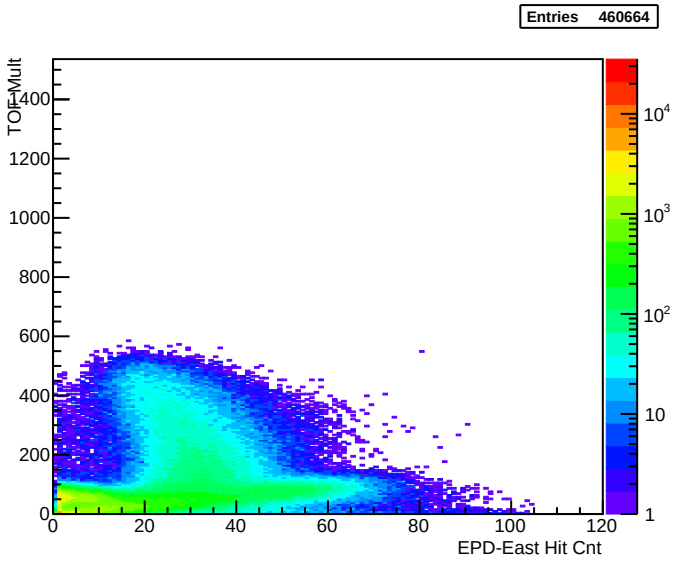

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

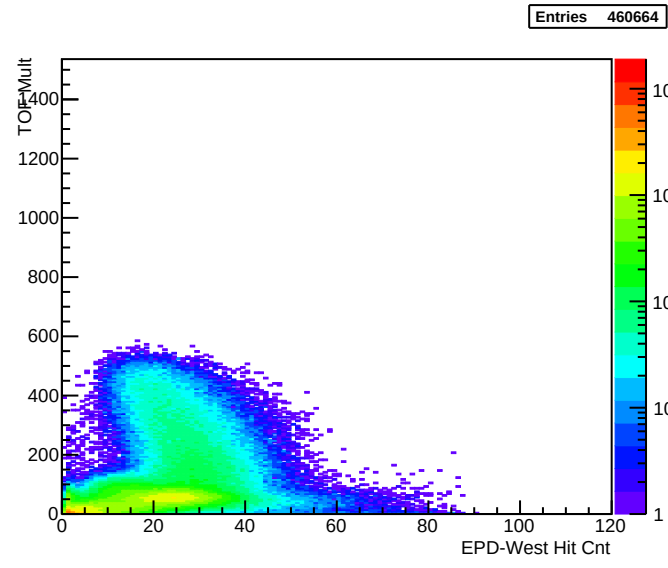

VT201 Input Ch4: VPD Adc Sum Th
Entries 921328
253330
361480
207334
99184
East
West

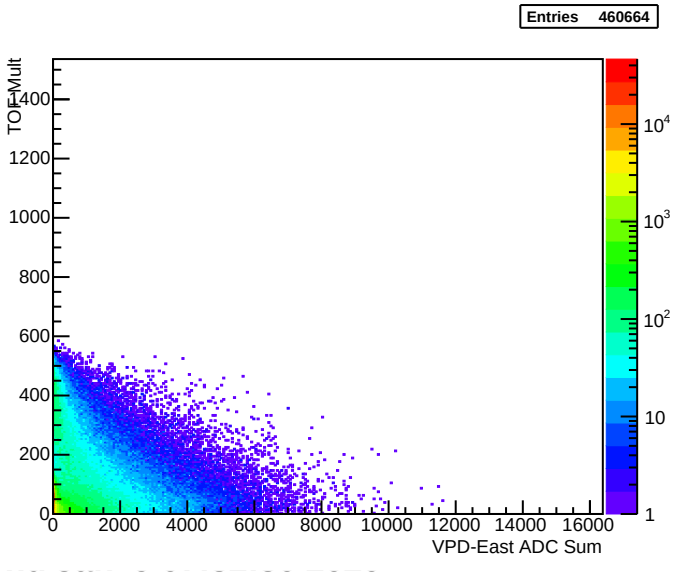

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

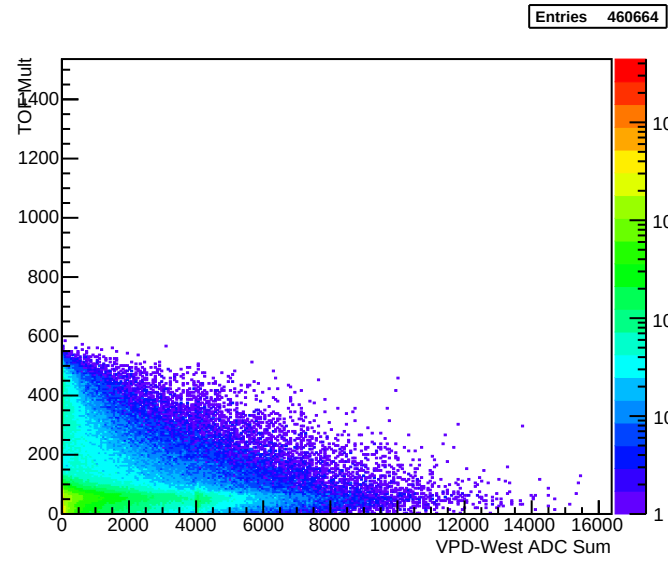

Entries 460664
TOF-Mult
BBC-S-East ADC Sum

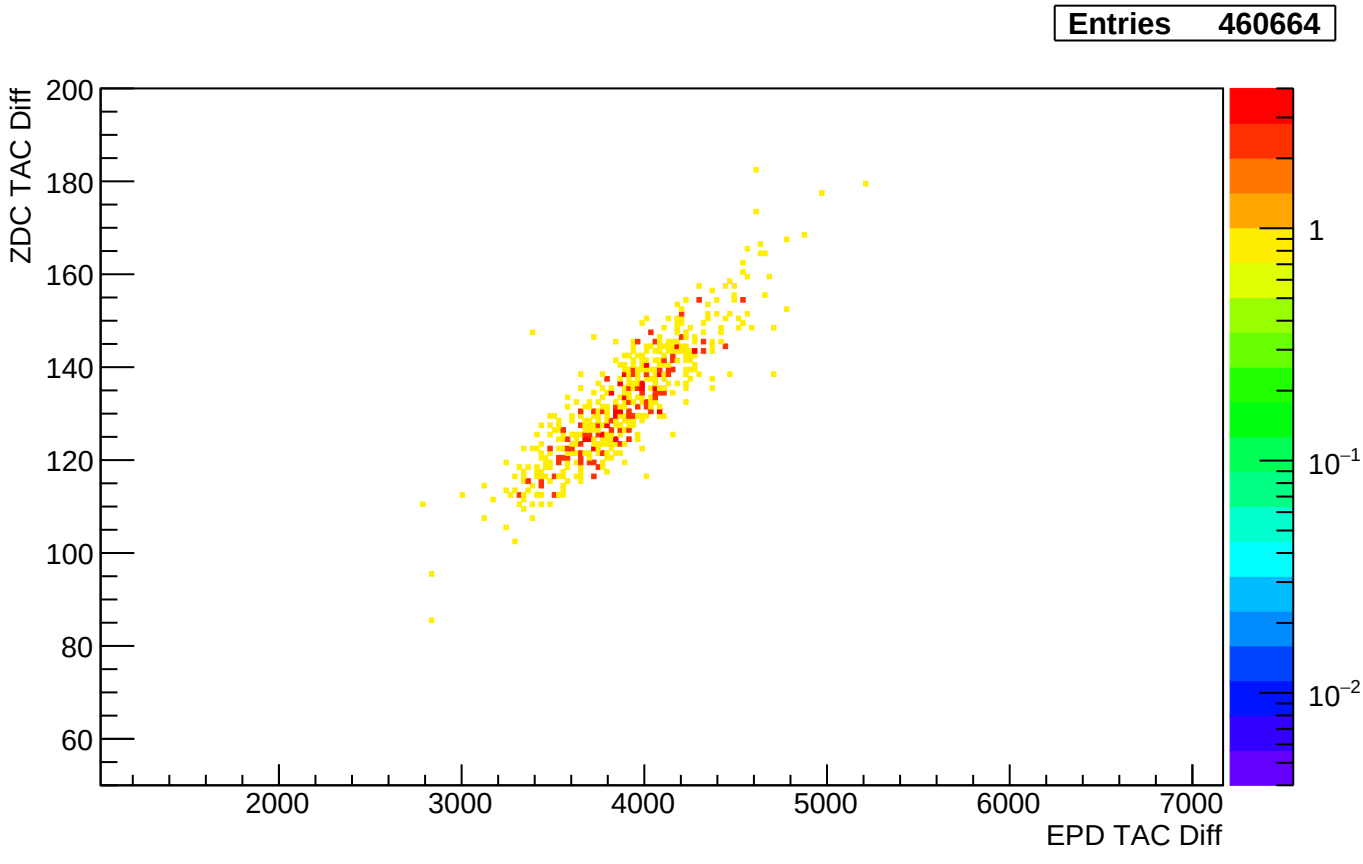

Entries 460664
TOF-Mult
BBC-S-West ADC Sum

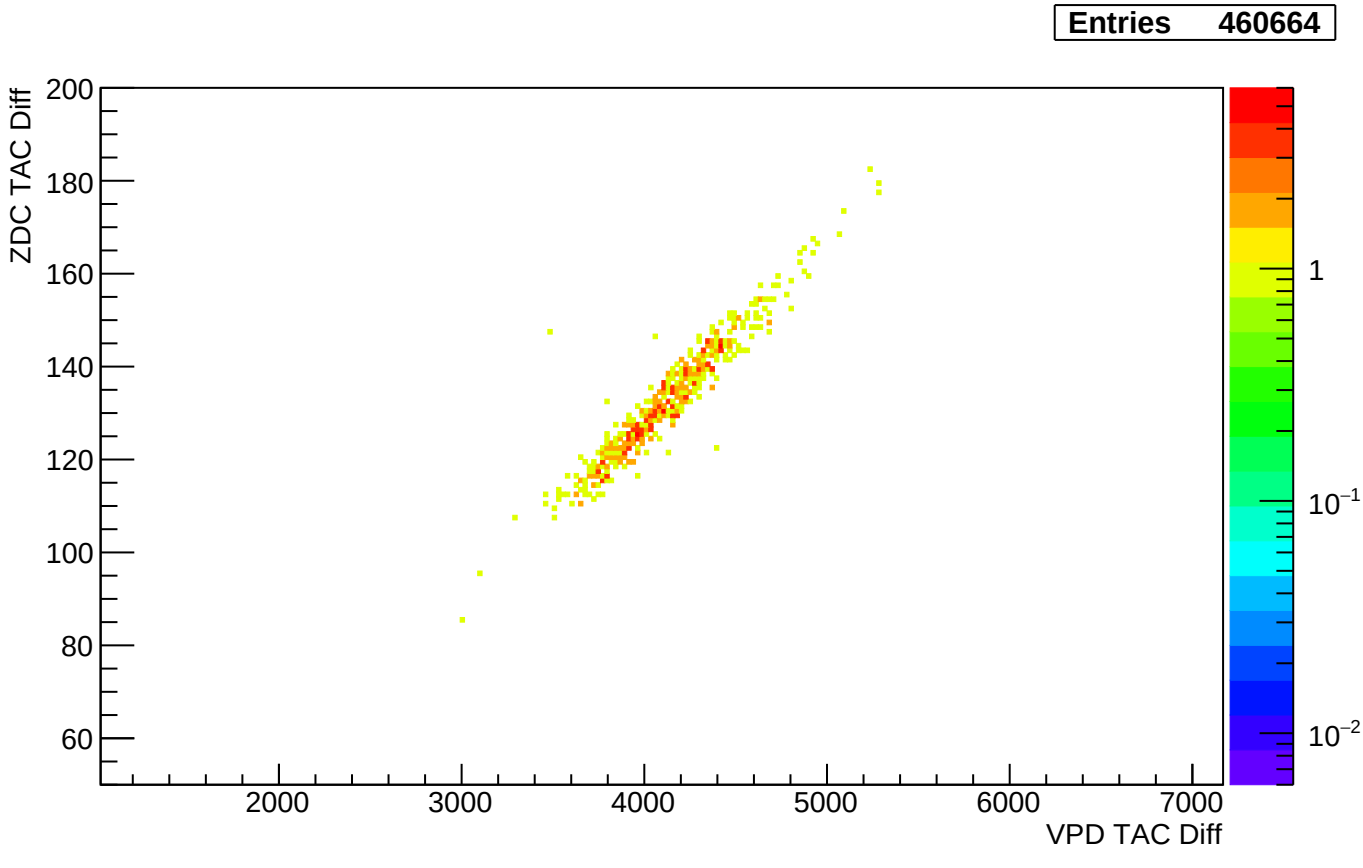

Entries 460664
TOF-Mult
EPD-East Hit Cnt

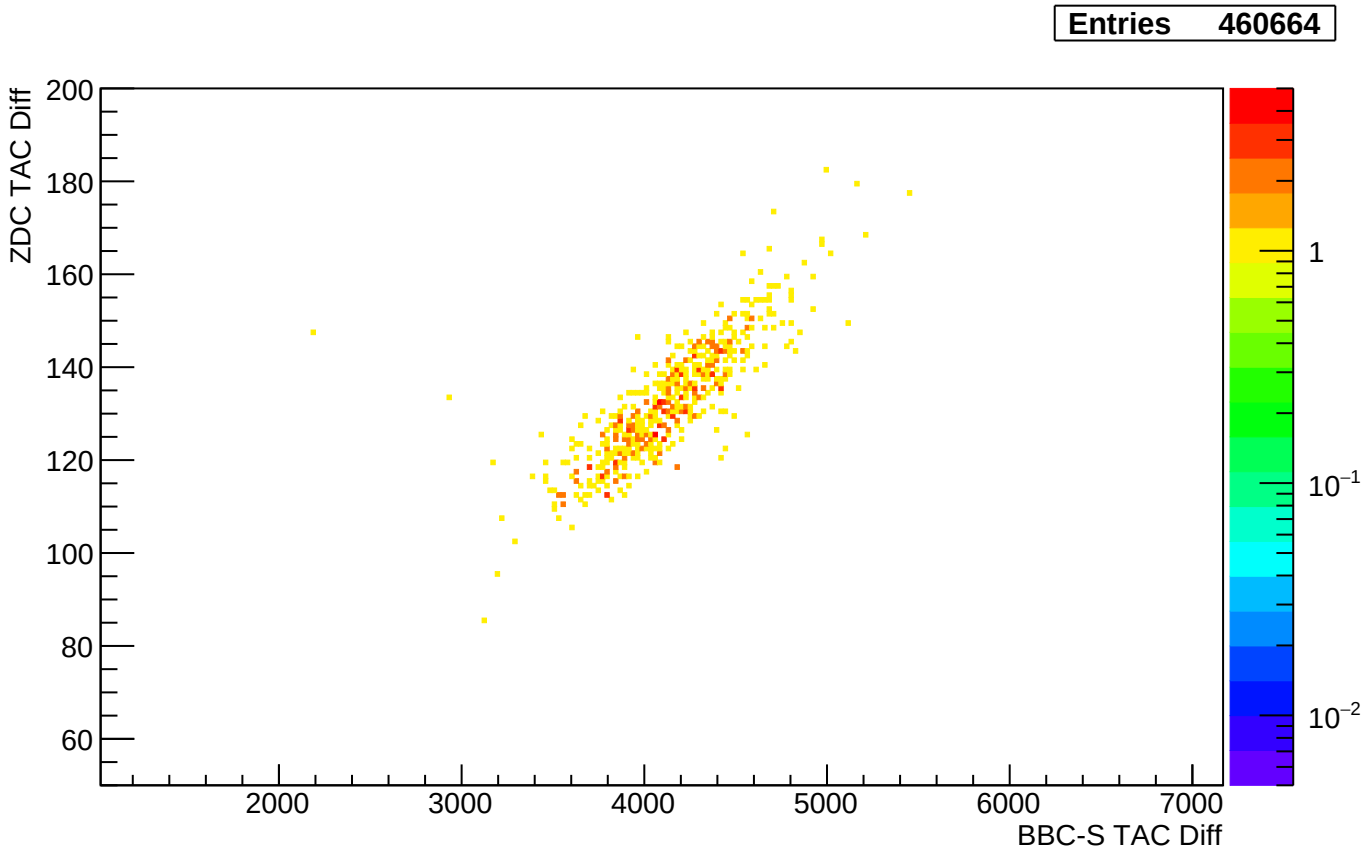

Entries 460664
TOF-Mult
EPD-West Hit Cnt

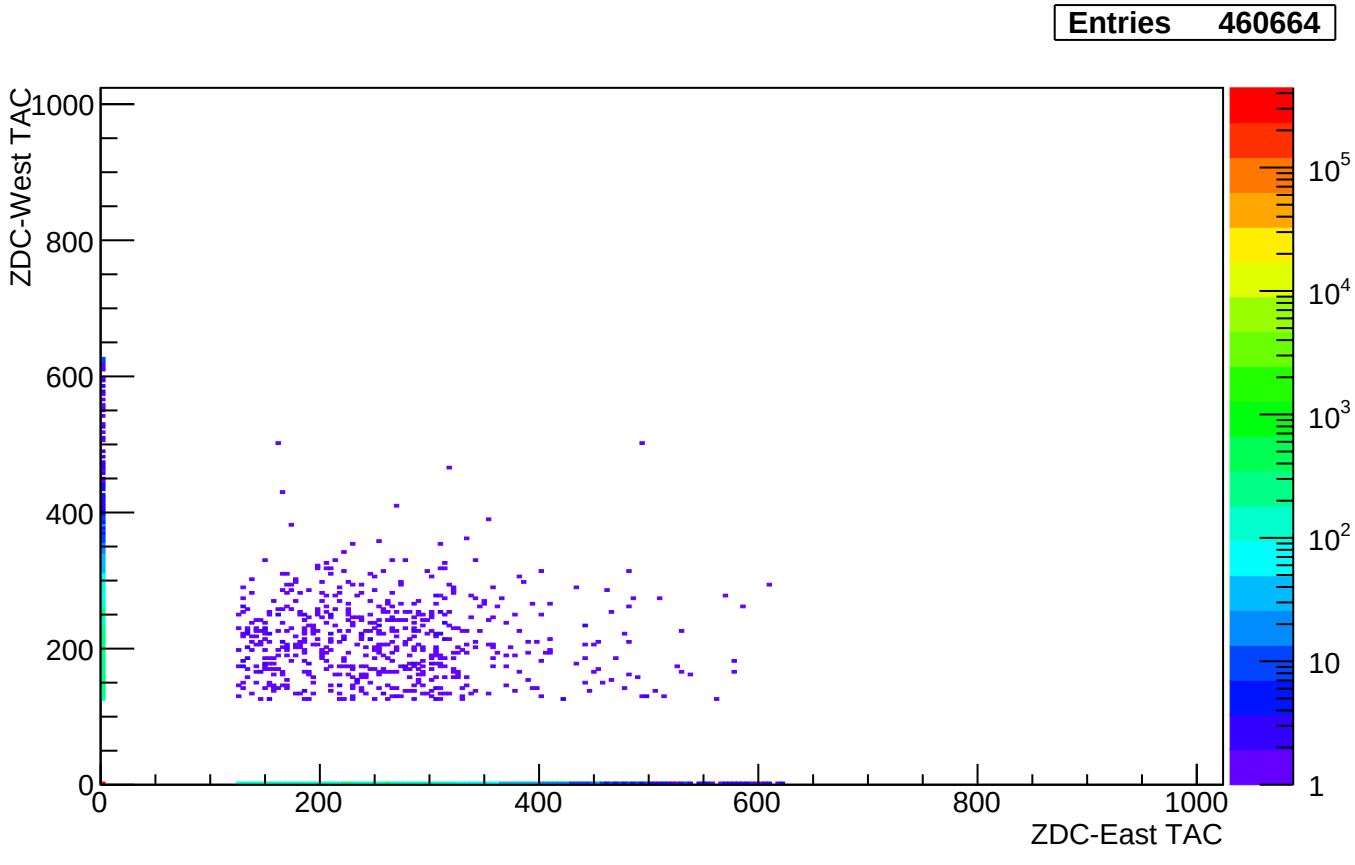

Entries 460664
TOF-Mult
VPD-East ADC Sum

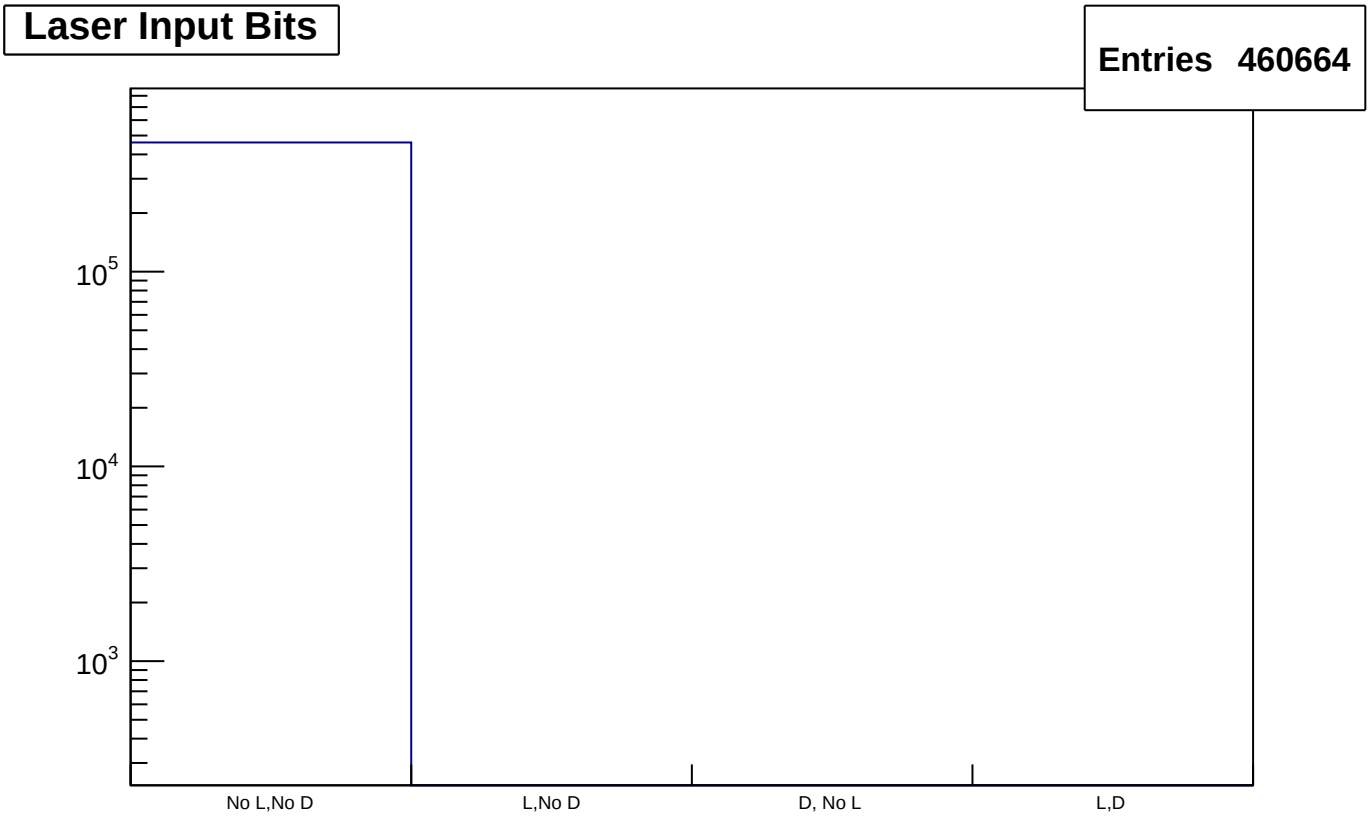

Entries 460664
TOF-Mult
VPD-West ADC Sum

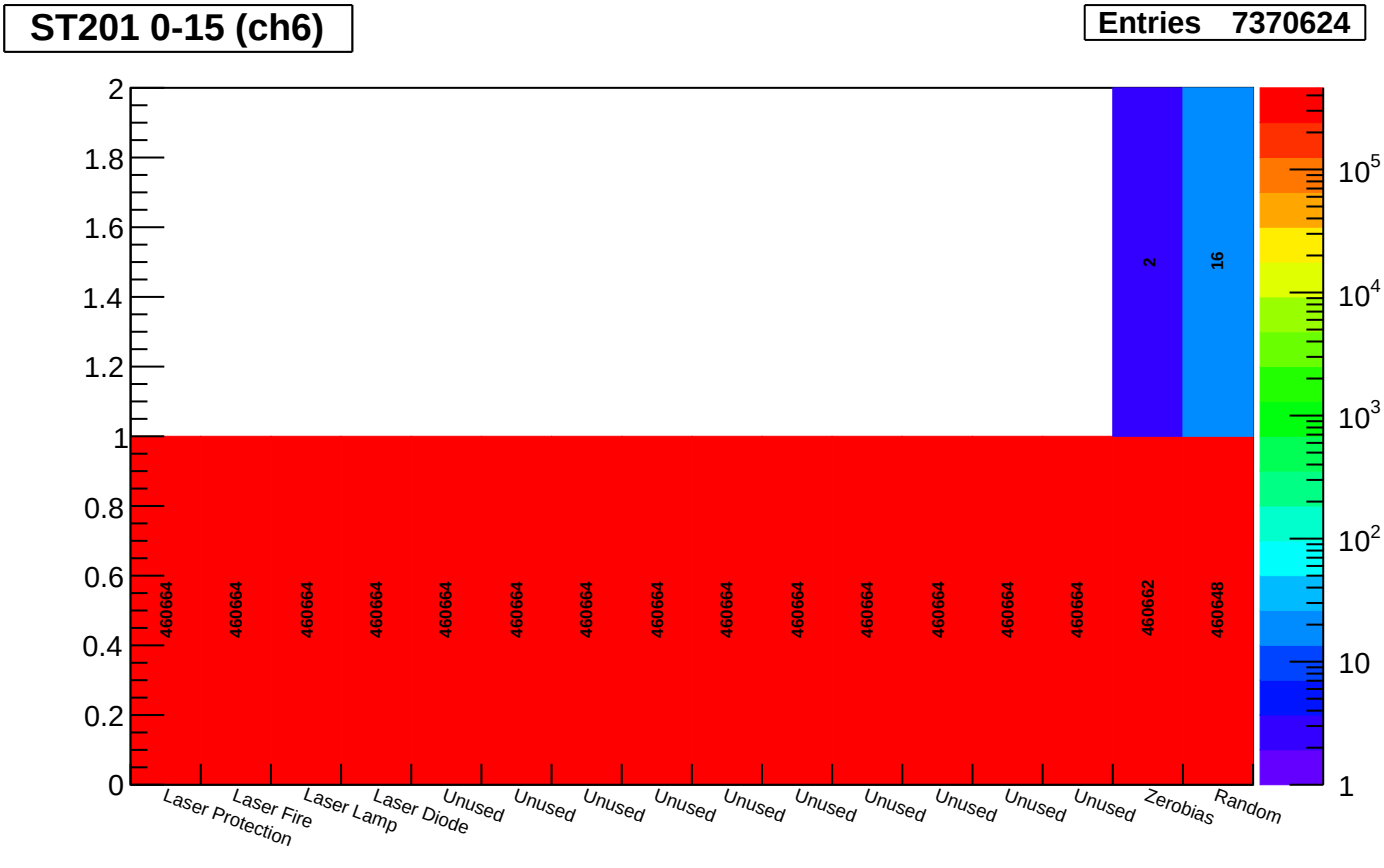

Entries 460664
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

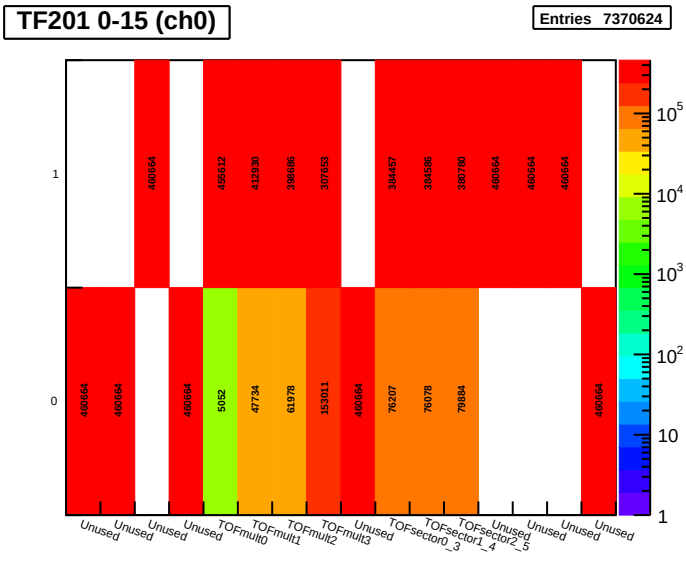

Entries 460664
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

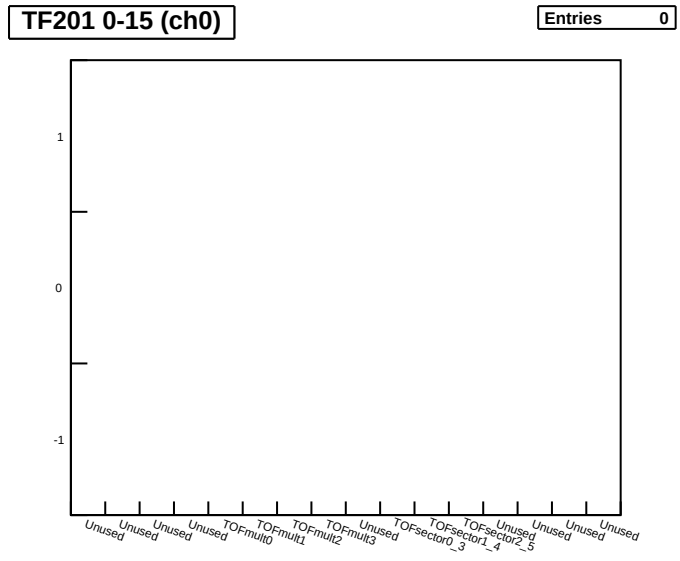

Entries 460664
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

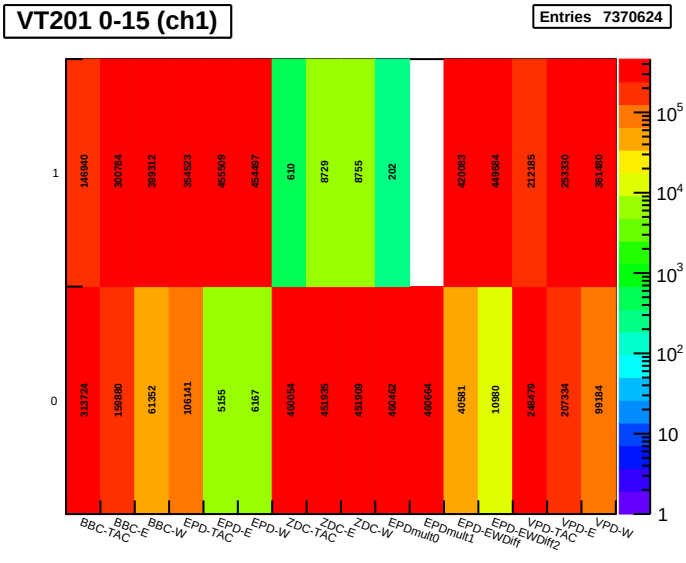

Entries 460664
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

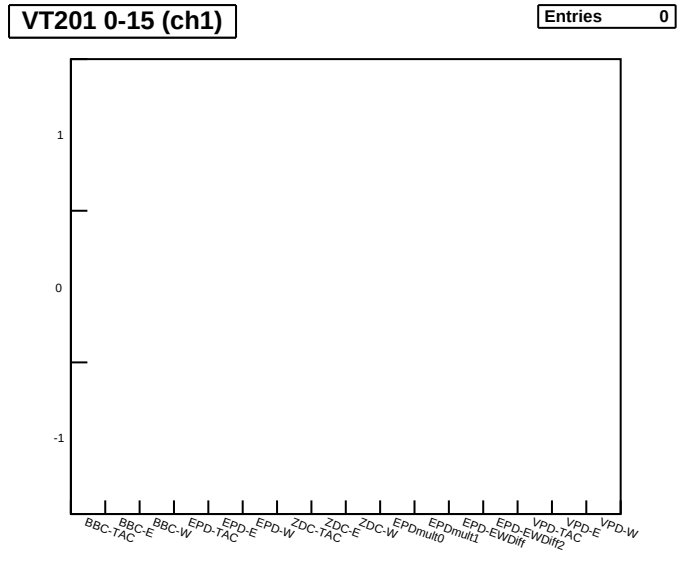

Laser Input Bits
Entries 460664
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

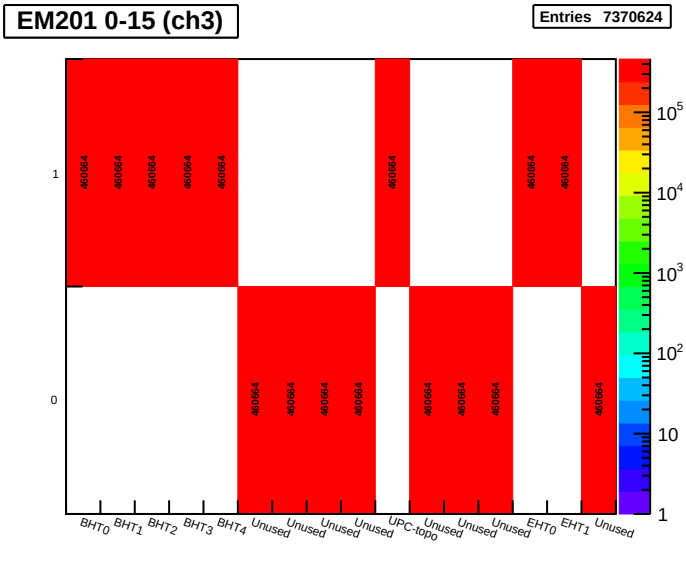

ST201 0-15 (ch6)
Entries 7370624
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
460664
460662
460648
2
16
$10^5$
$10^4$
$10^3$
$10^2$
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

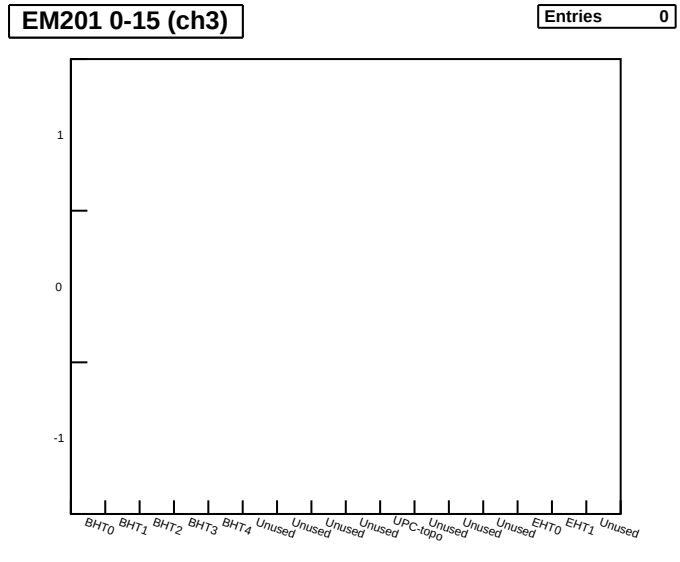

TF201 0-15 (ch0)
Entries 7370624
1
0
460664 460664 460664 455612 412930 386686 307653 384457 384586 380780 460664 460664 460664
460664 460664 460664 5052 47734 61978 153011 460664 76207 76078 79884 460664
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 7370624
1
0
146940 300784 399312 354523 455509 454497 610 8729 8755 202 420083 449684 212185 253330 361480
313724 159880 61352 106141 5155 6167 460054 451935 451909 460462 460664 40681 10980 248479 207334 99184
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 7370624
1
0
460664 460664 460664 460664 460664 460664 460664 460664
460664 460664 460664 460664 460664 460664 460664 460664
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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 Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused