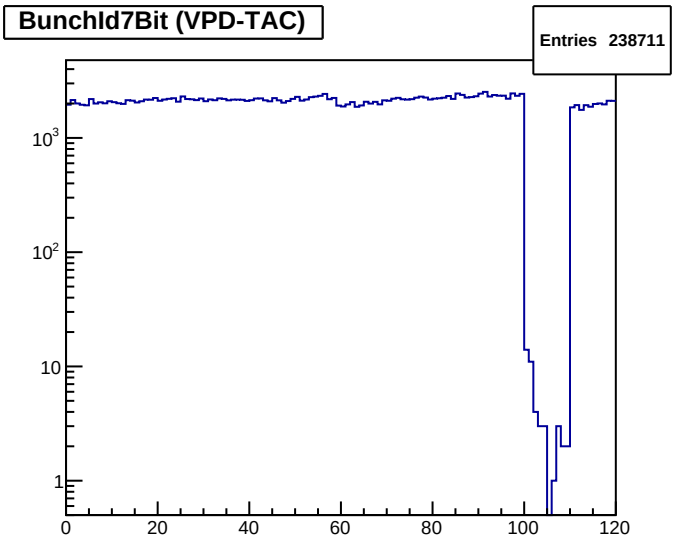
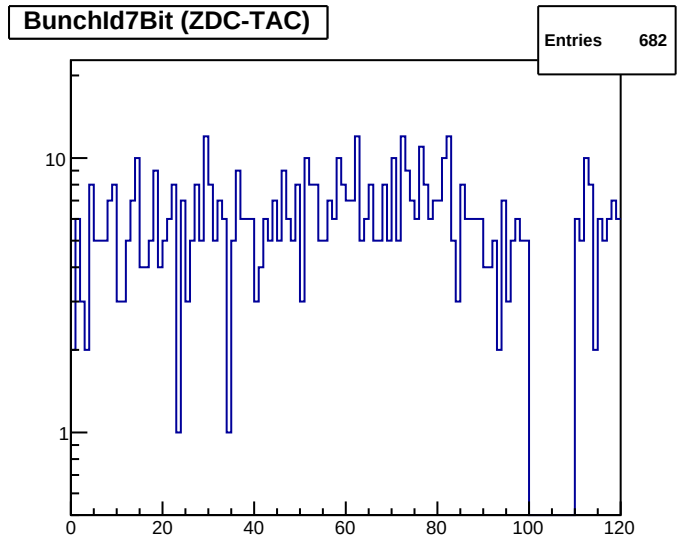
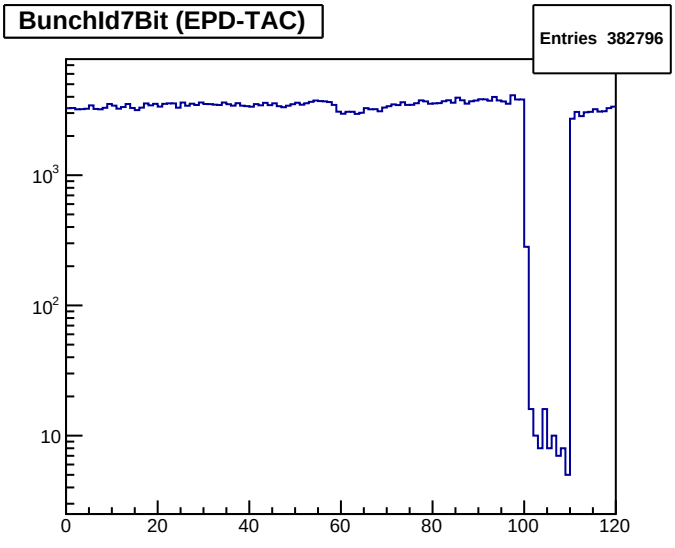
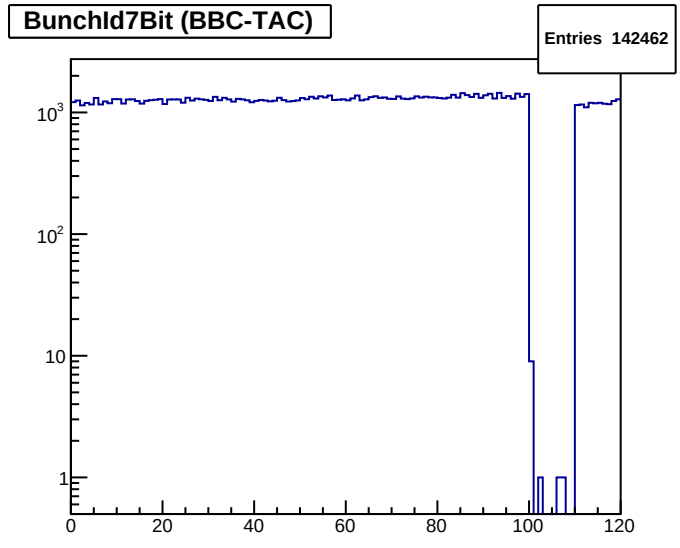
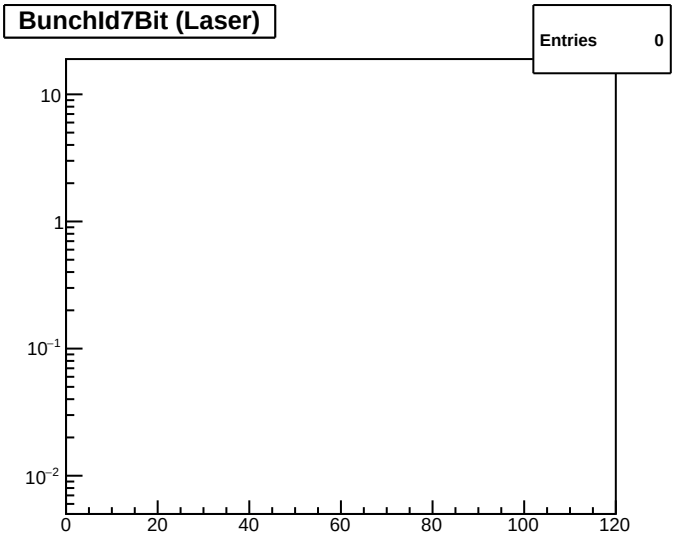
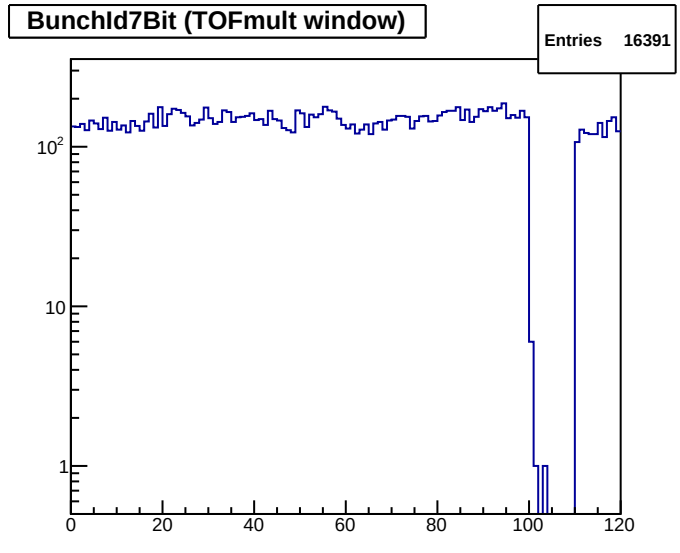

BunchId7Bit (VPD-TAC)
Entries 238711

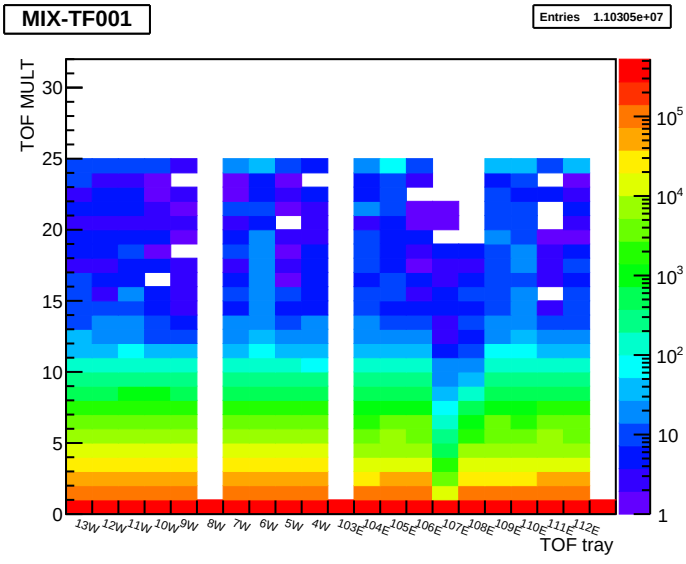

BunchId7Bit (ZDC-TAC)
Entries 682

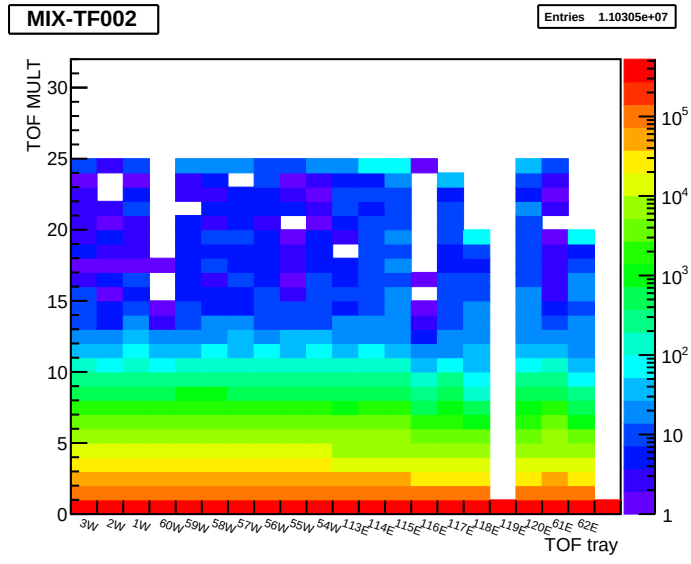

BunchId7Bit (EPD-TAC)
Entries 382796

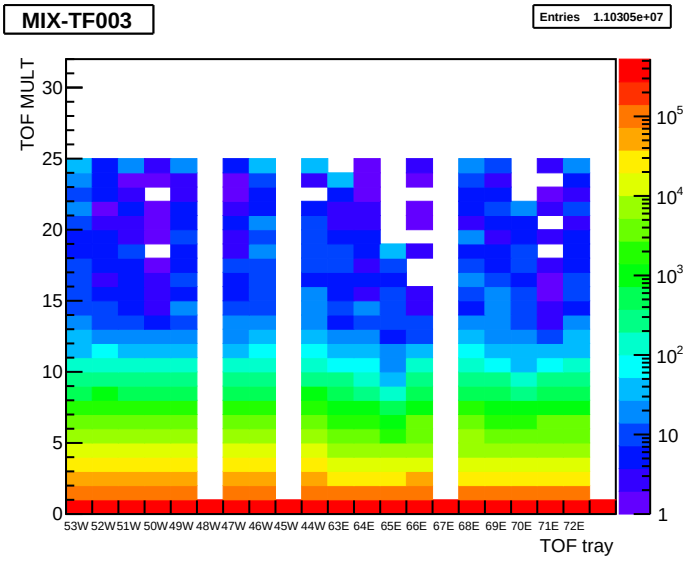

BunchId7Bit (BBC-TAC)
Entries 142462

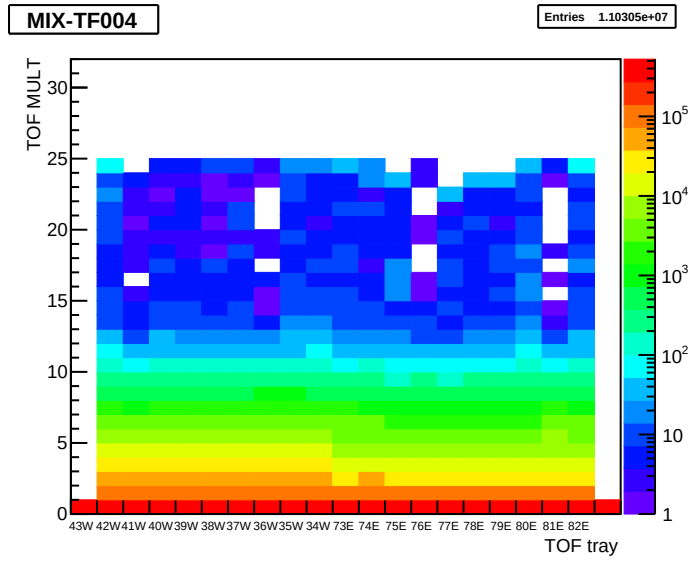

BunchId7Bit (Laser)
Entries 0

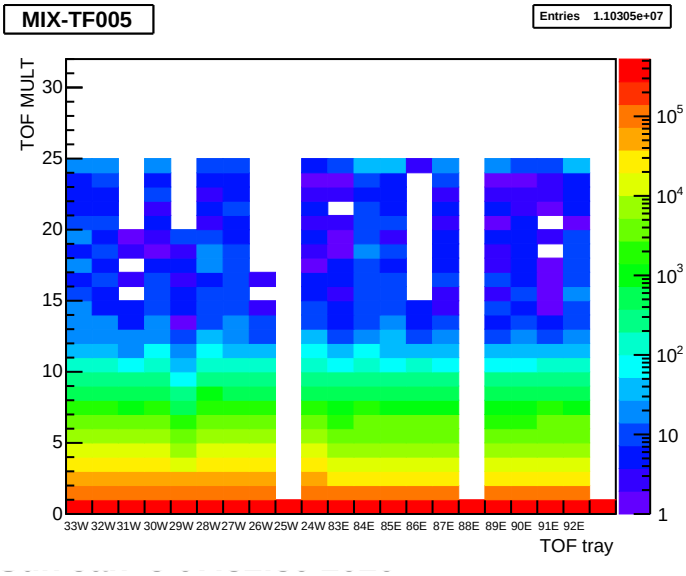

BunchId7Bit (TOFmult window)
Entries 16391

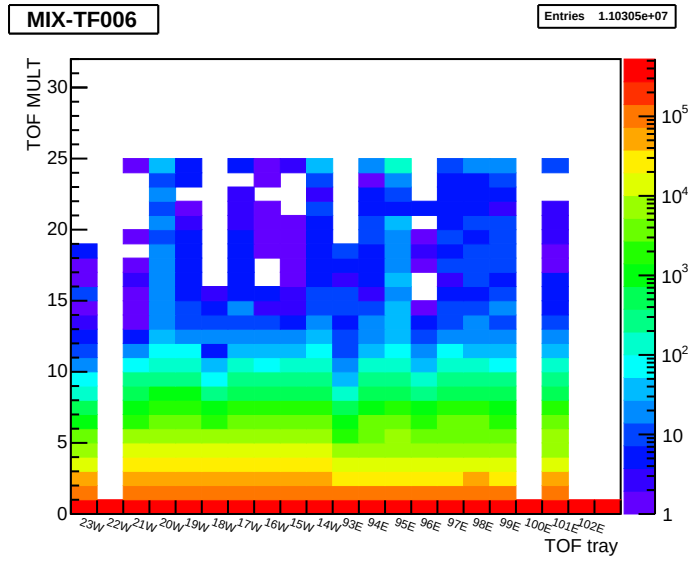

MIX-TF001
Entries 1.10305e+07
TOF MULT
TOF tray

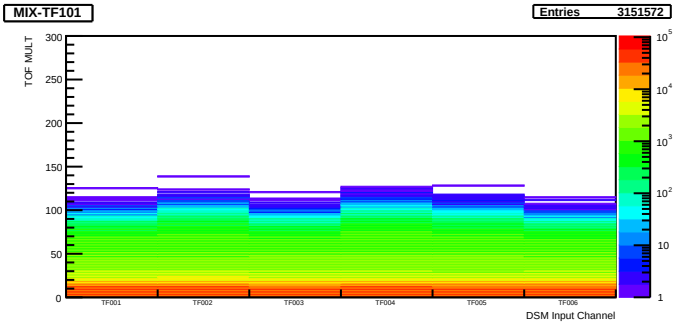

MIX-TF002
Entries 1.10305e+07
TOF MULT
TOF tray

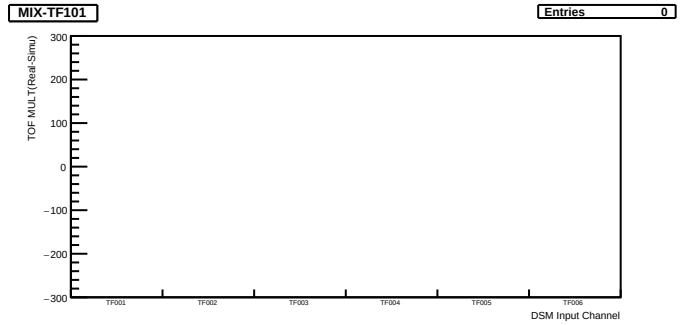

MIX-TF003
Entries 1.10305e+07
TOF MULT
TOF tray

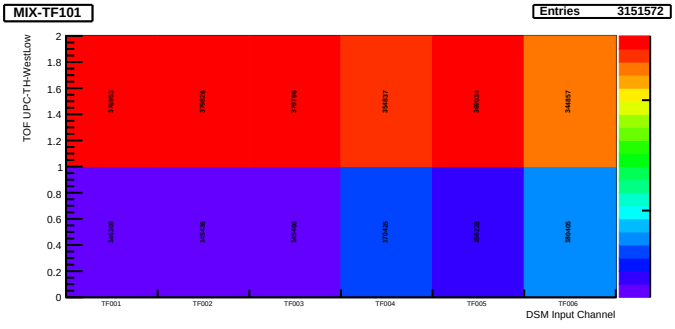

MIX-TF004
Entries 1.10305e+07
TOF MULT
TOF tray

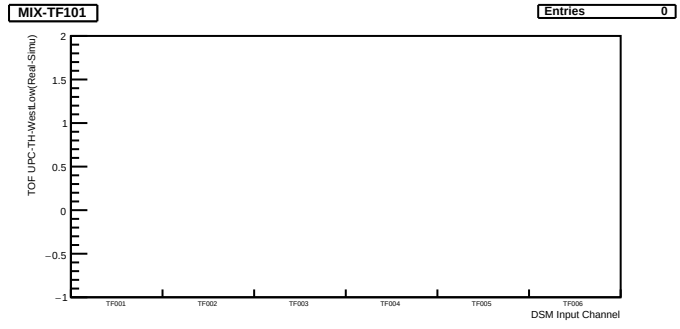

MIX-TF005
Entries 1.10305e+07
TOF MULT
TOF tray

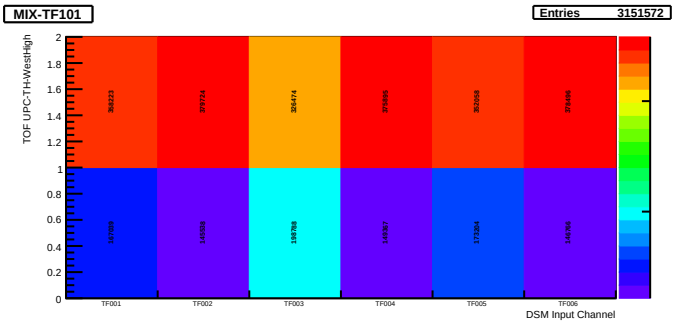

MIX-TF006
Entries 1.10305e+07
TOF MULT
TOF tray

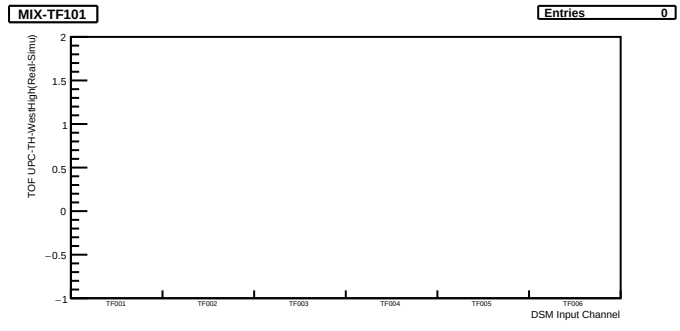

MIX-TF101
Entries 3151572
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

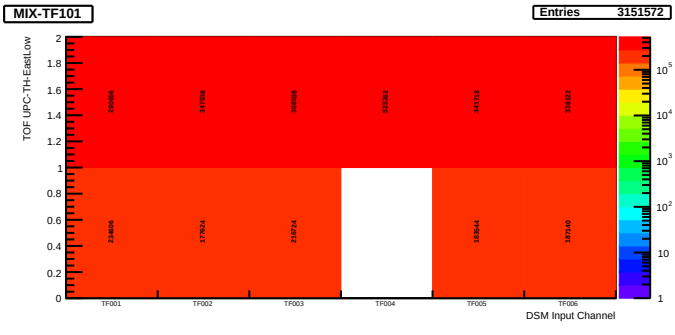

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

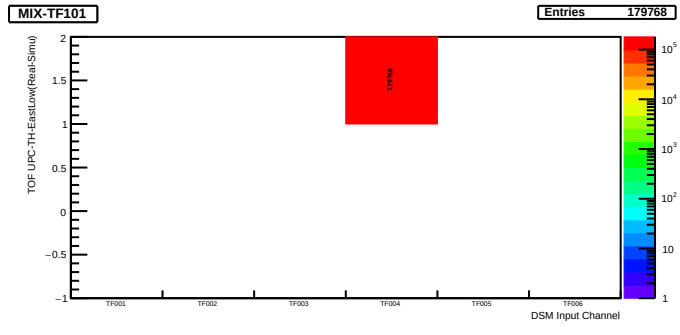

MIX-TF101
Entries 3151572
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

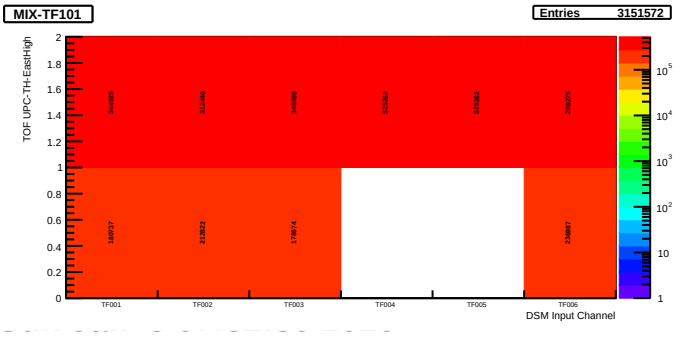

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

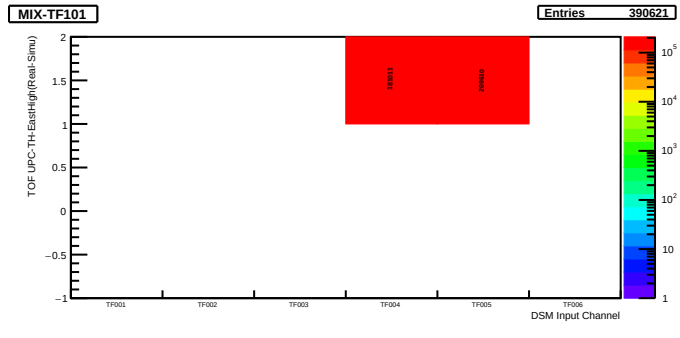

MIX-TF101
Entries 3151572
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

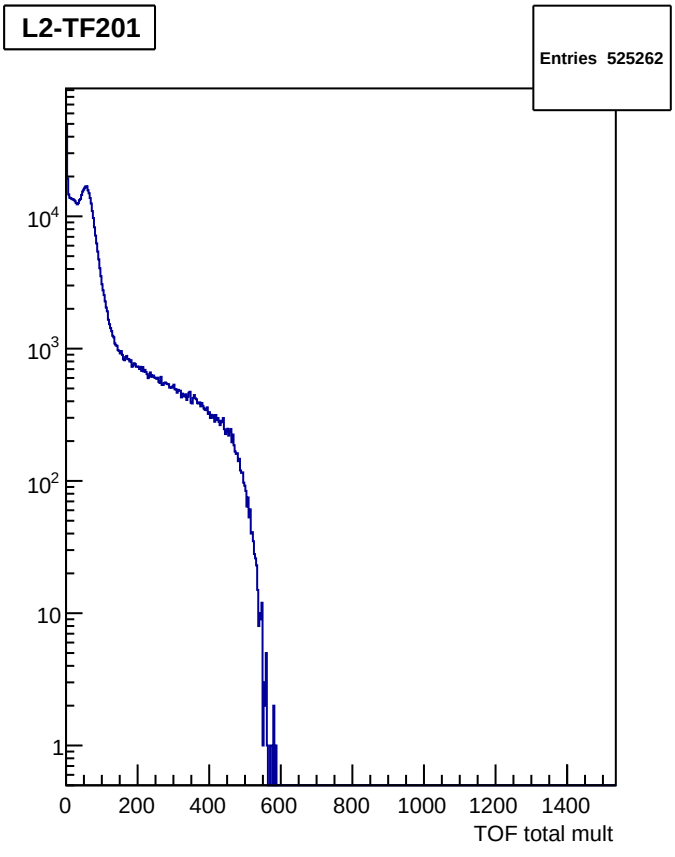

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

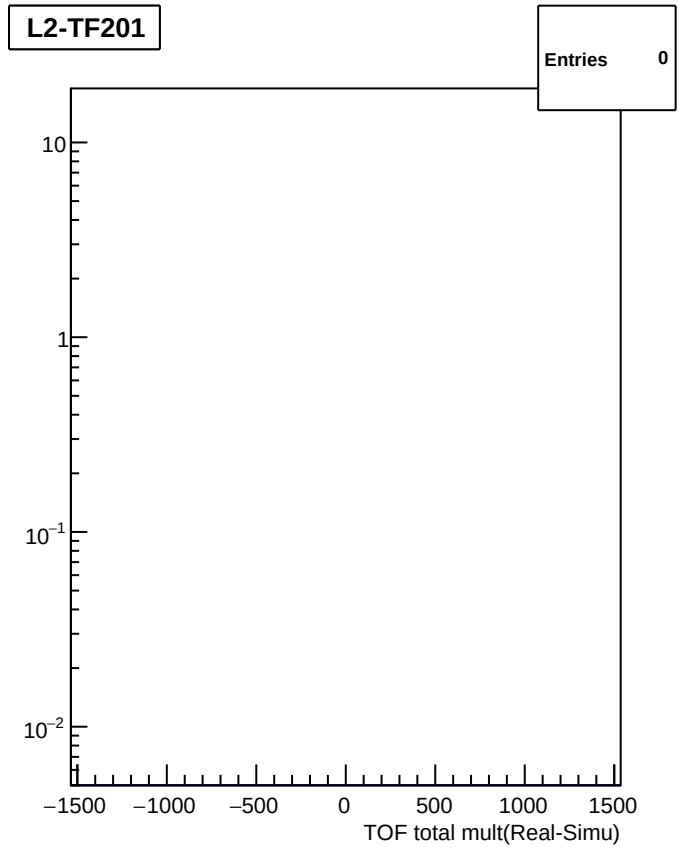

MIX-TF101
Entries 3151572
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

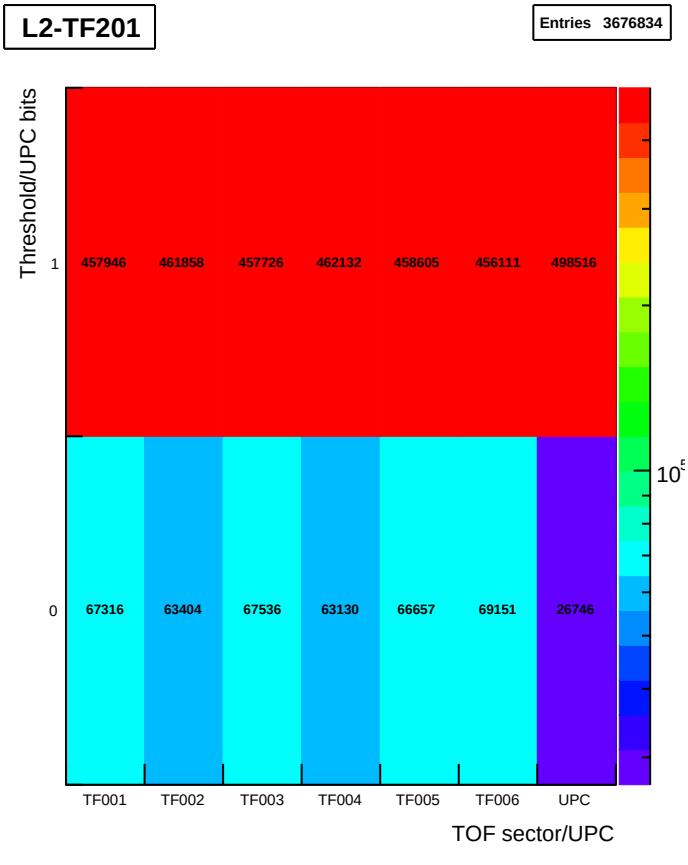

MIX-TF101
Entries 179768
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

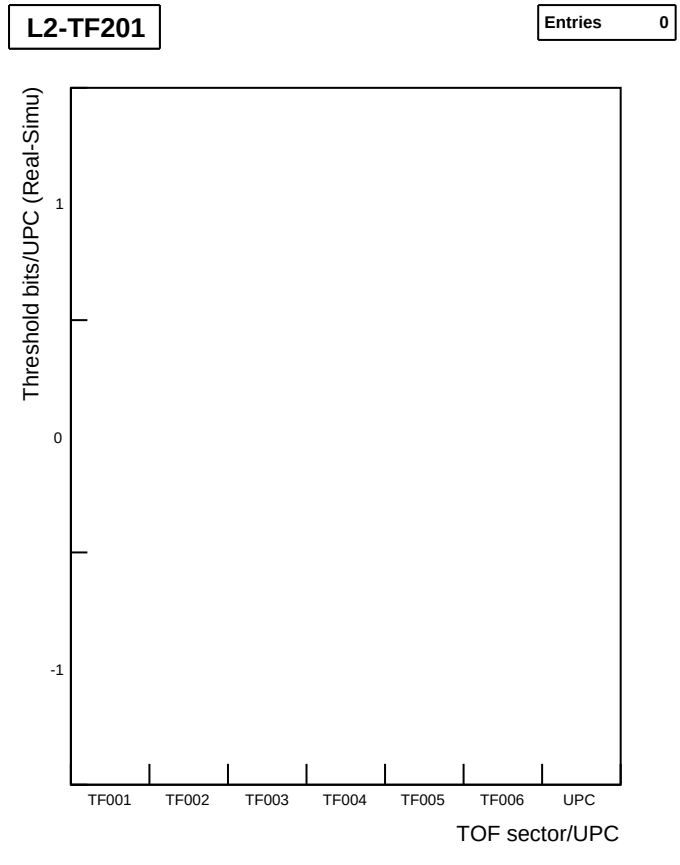

MIX-TF101
Entries 3151572
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

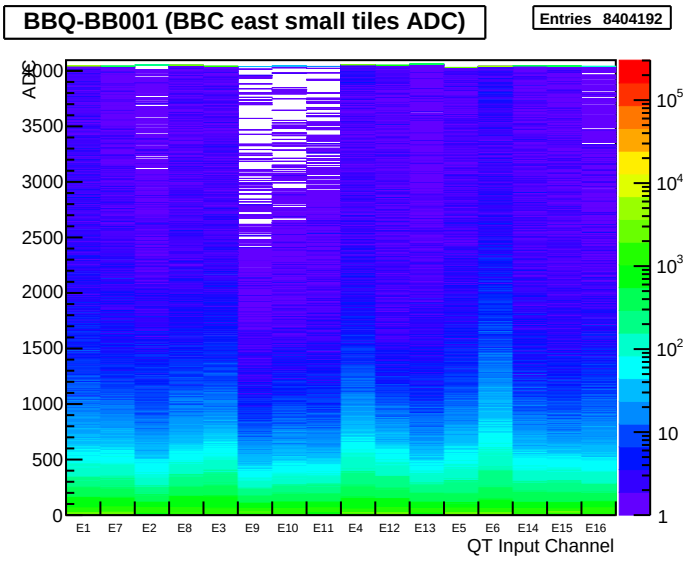

MIX-TF101
Entries 390621
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

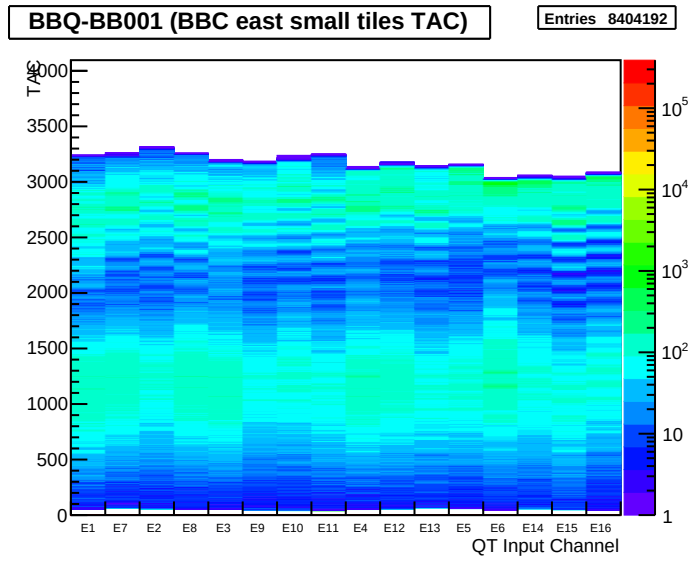

L2-TF201
Entries 525262
TOF total mult

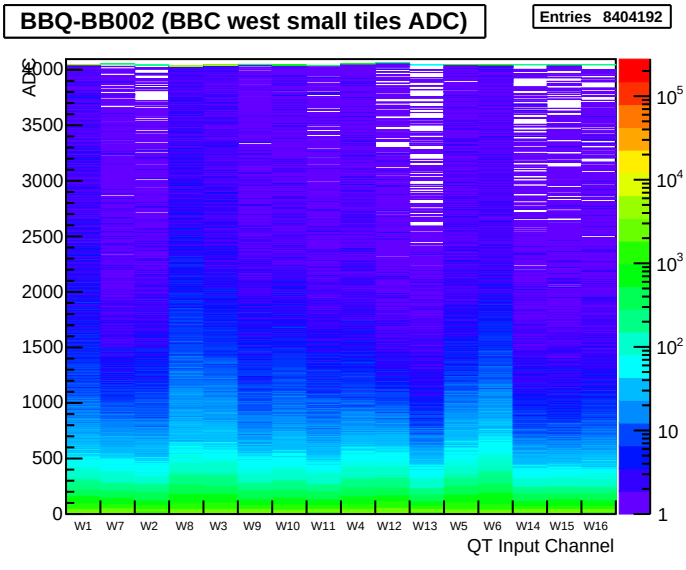

L2-TF201
Entries 0
TOF total mult(Real-Simu)

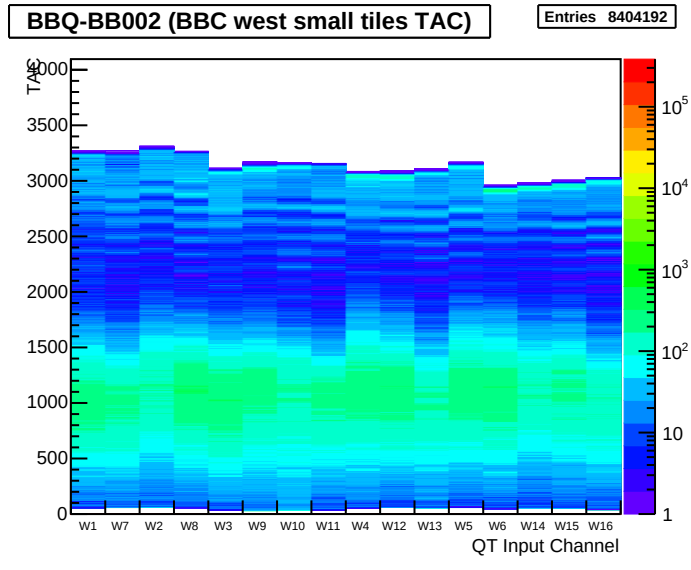

L2-TF201
Entries 3676834
Threshold/UPC bits
457946
461858
457726
462132
458605
456111
498516
67316
63404
67536
63130
66657
69151
26746
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

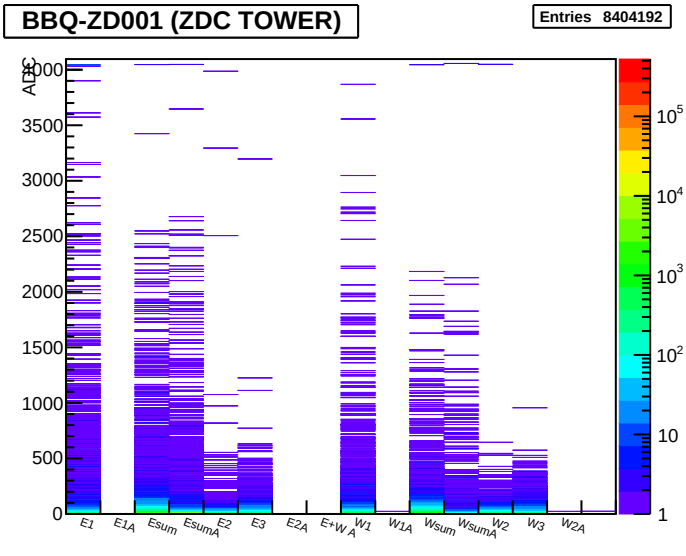

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

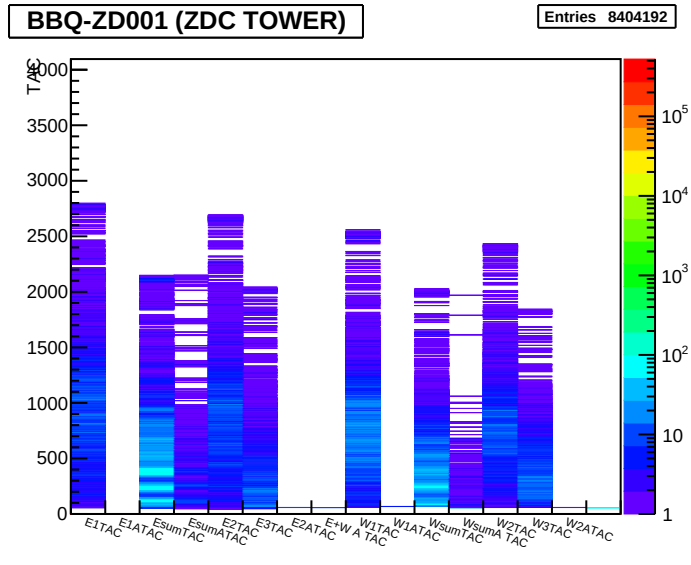

BBQ-BB001 (BBC east small tiles ADC)
Entries 8404192
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

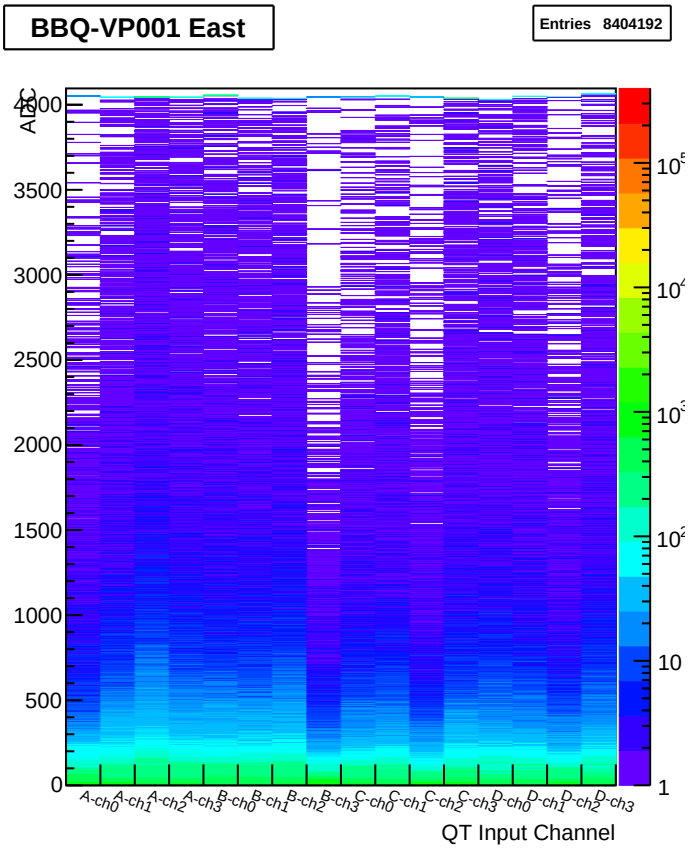

BBQ-BB001 (BBC east small tiles TAC)
Entries 8404192
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

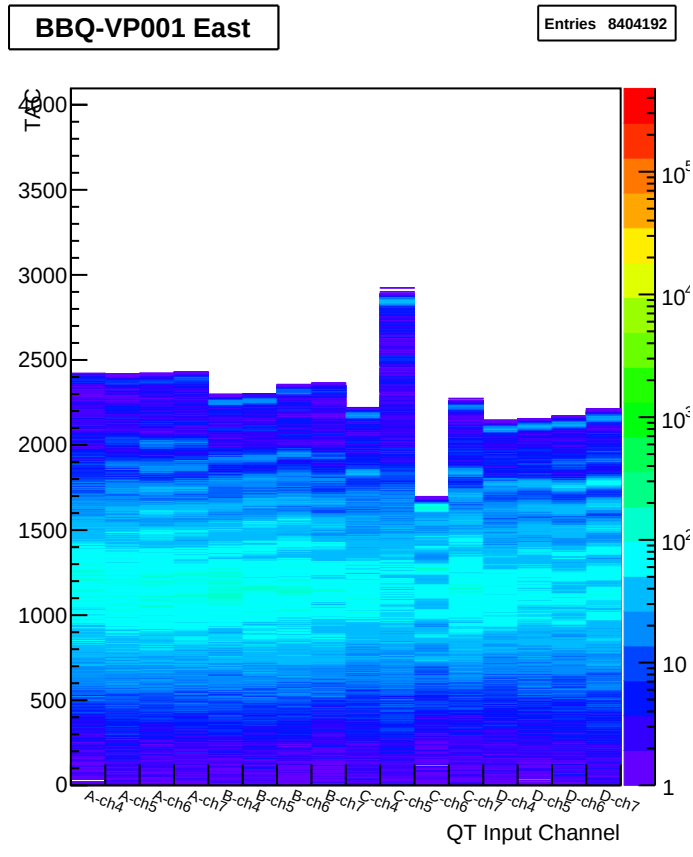

BBQ-BB002 (BBC west small tiles ADC)
Entries 8404192
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

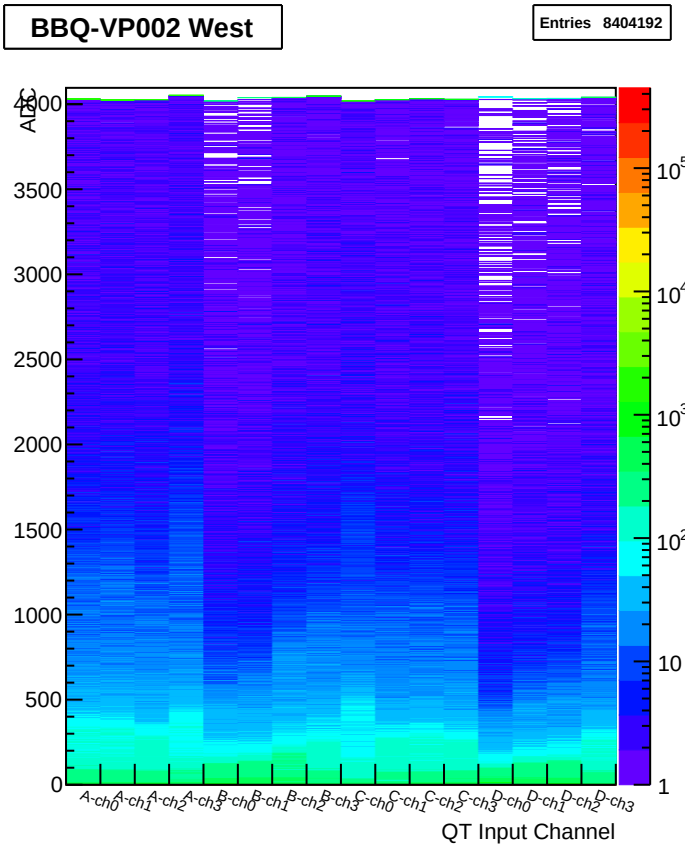

BBQ-BB002 (BBC west small tiles TAC)
Entries 8404192
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

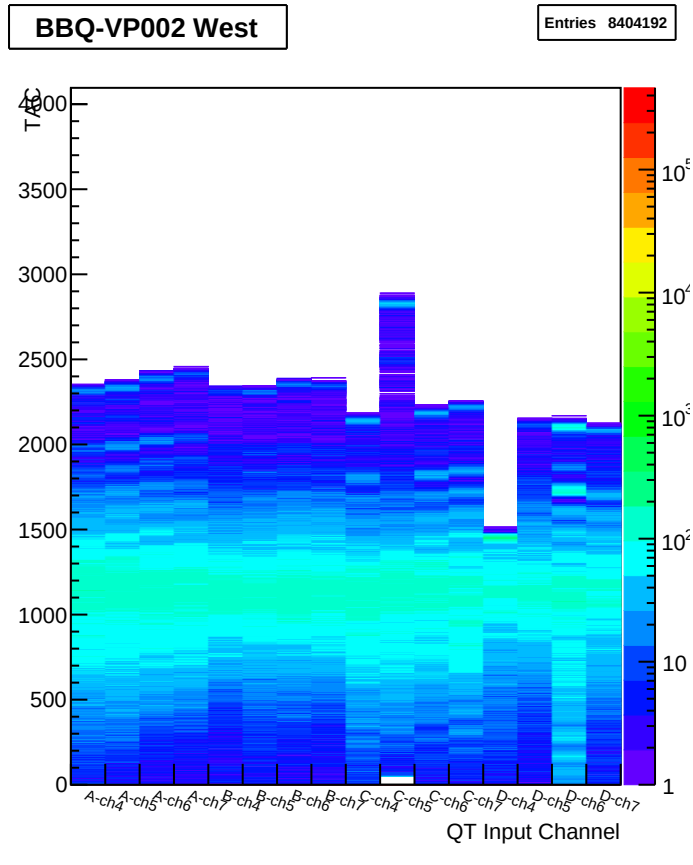

BBQ-ZD001 (ZDC TOWER)
Entries 8404192
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

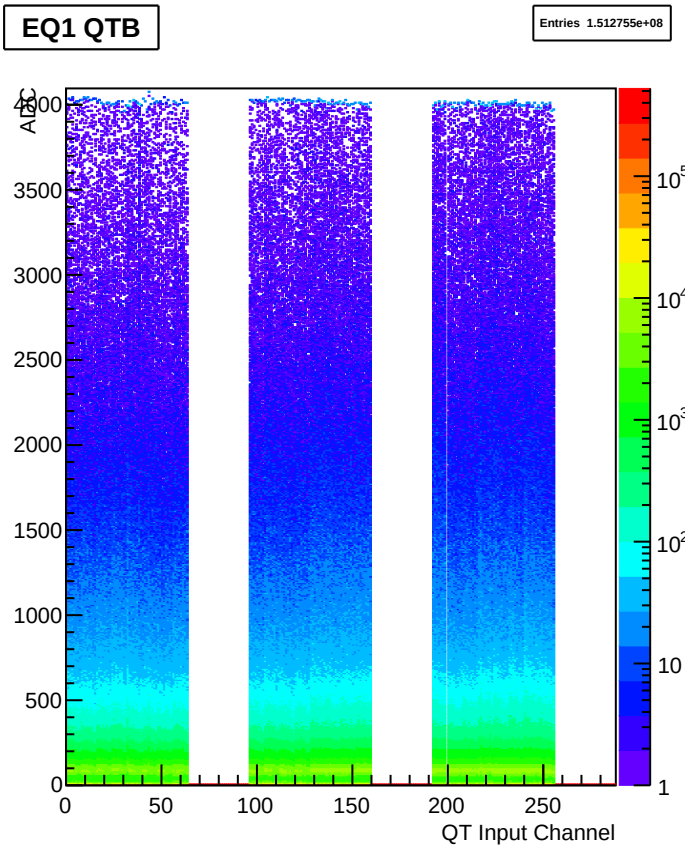

BBQ-ZD001 (ZDC TOWER)
Entries 8404192
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

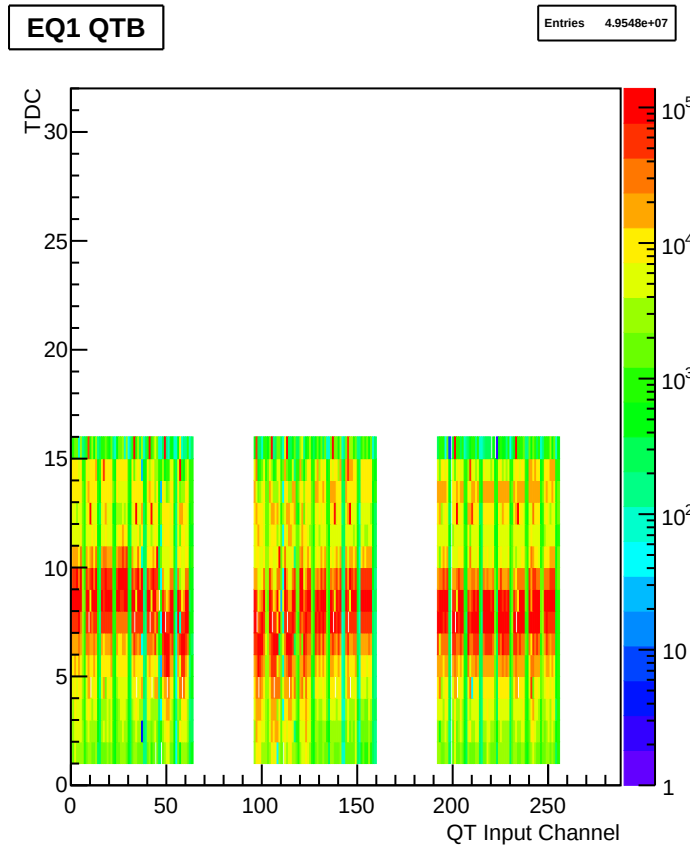

BBQ-VP001 East
Entries 8404192
ADC
QT Input Channel

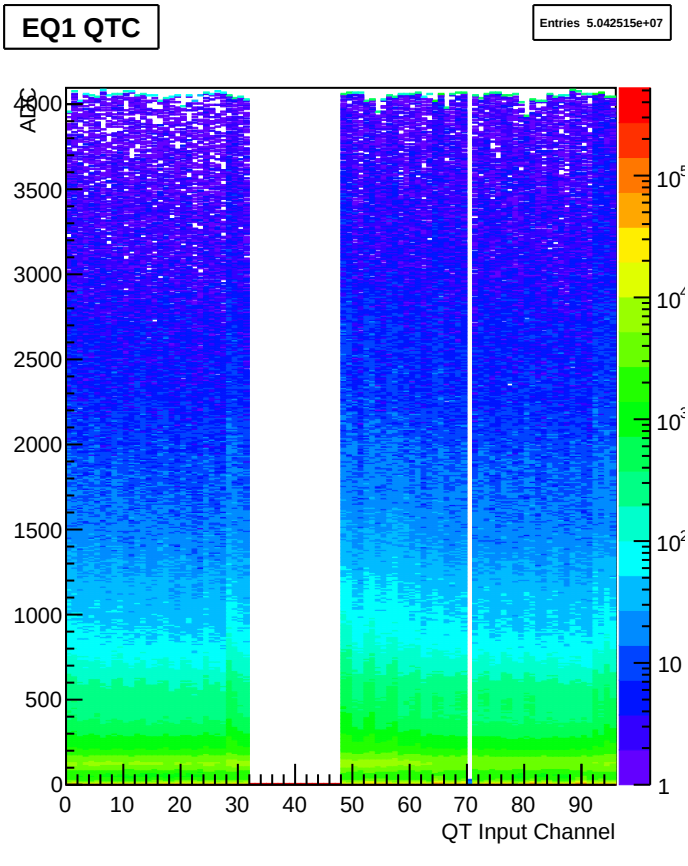

BBQ-VP001 East
Entries 8404192
ADC
QT Input Channel

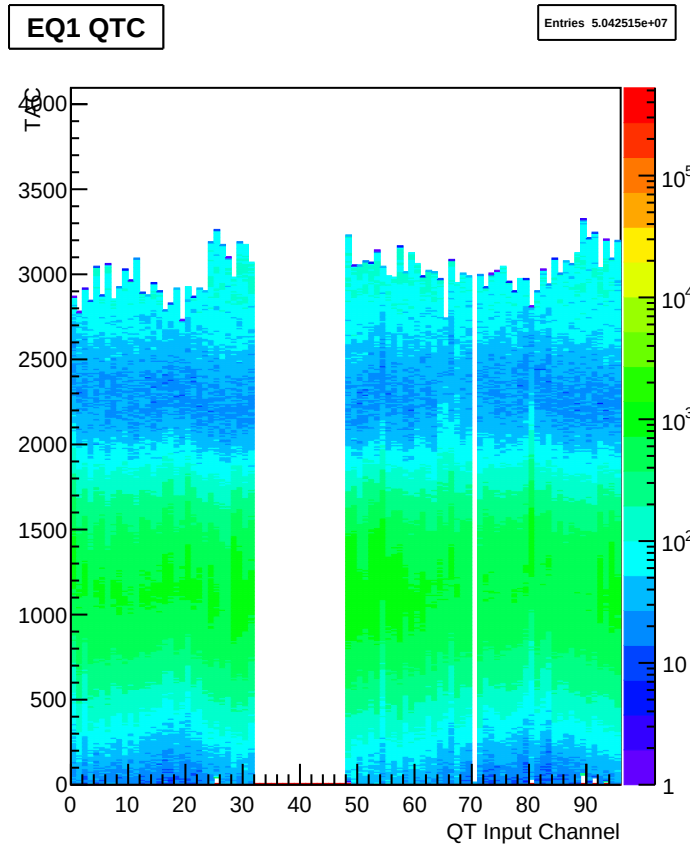

BBQ-VP002 West
Entries 8404192
ADC
QT Input Channel

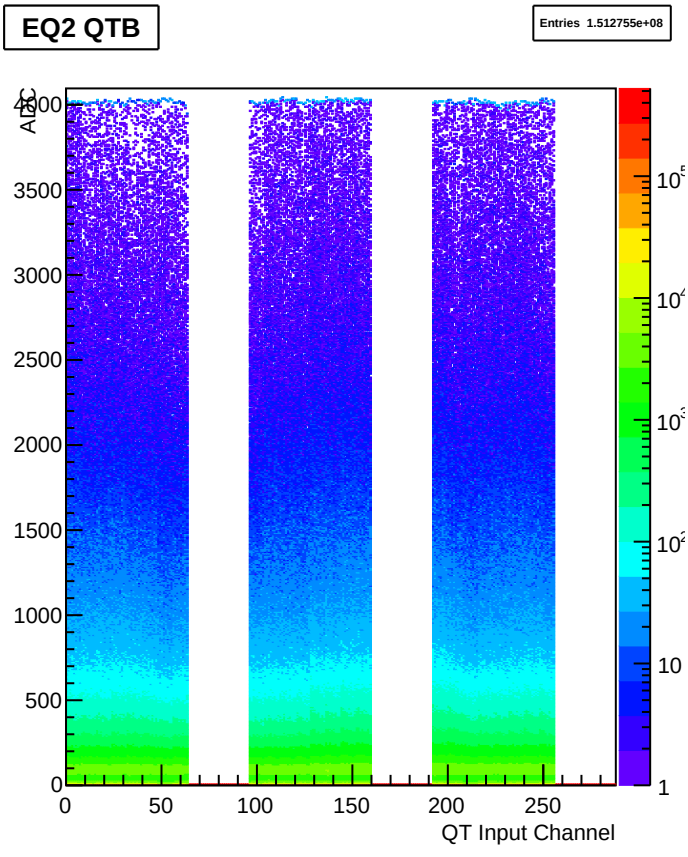

BBQ-VP002 West
Entries 8404192
ADC
QT Input Channel

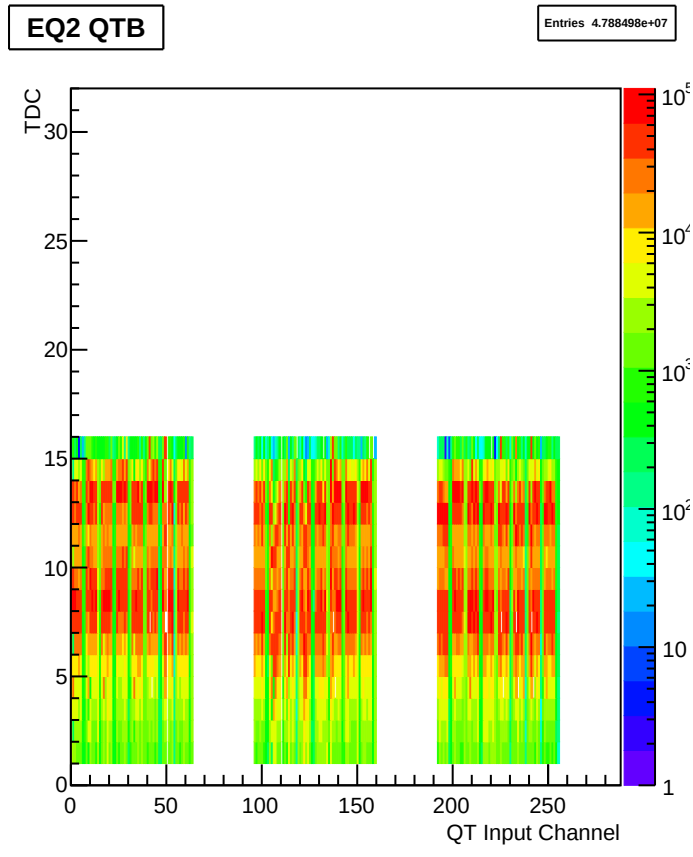

EQ1 QTB
Entries 1.512755e+08
ADC
QT Input Channel

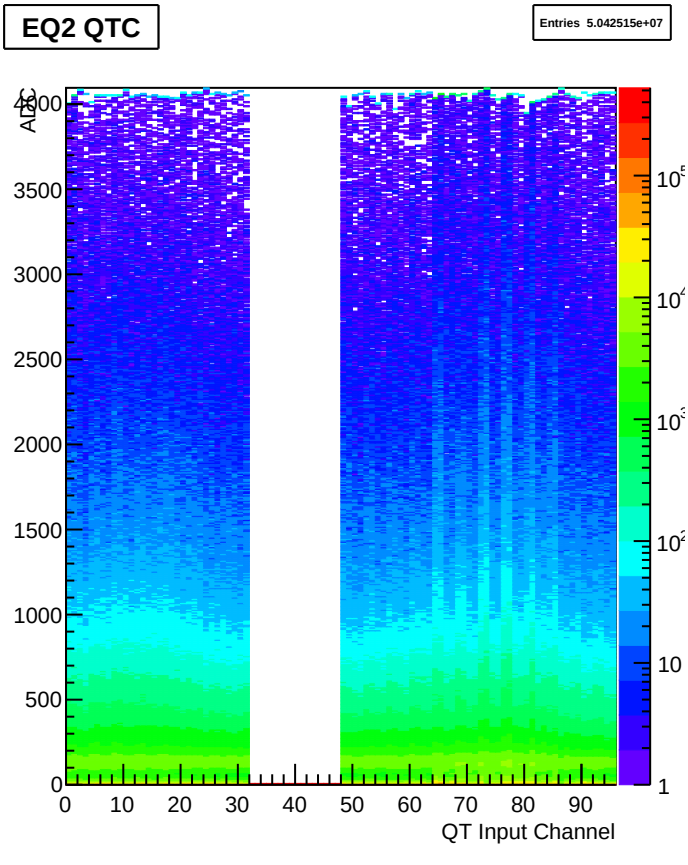

EQ1 QTB
Entries 4.9548e+07
TDC
QT Input Channel

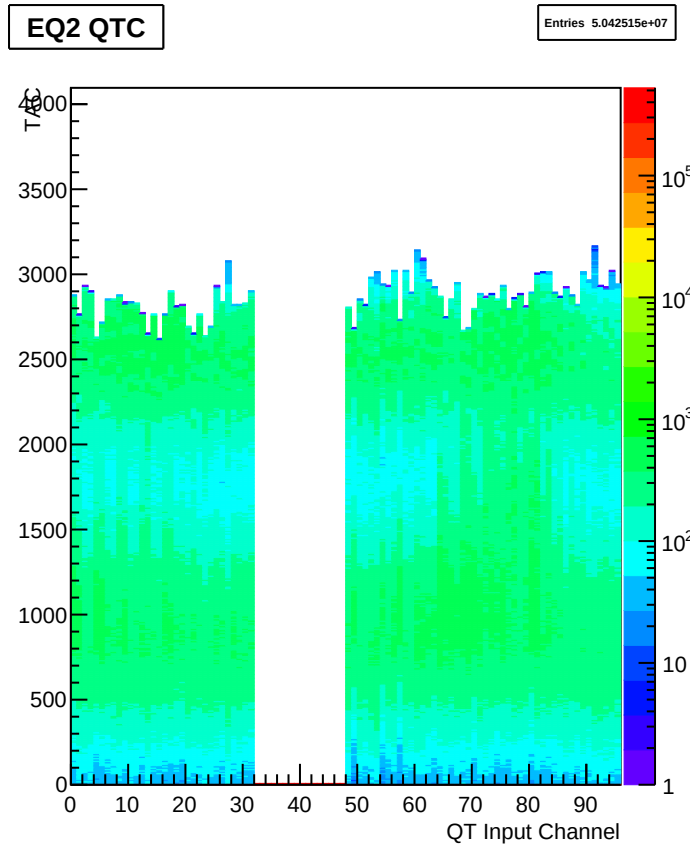

EQ1 QTC
Entries 5.042515e+07
ADC
QT Input Channel

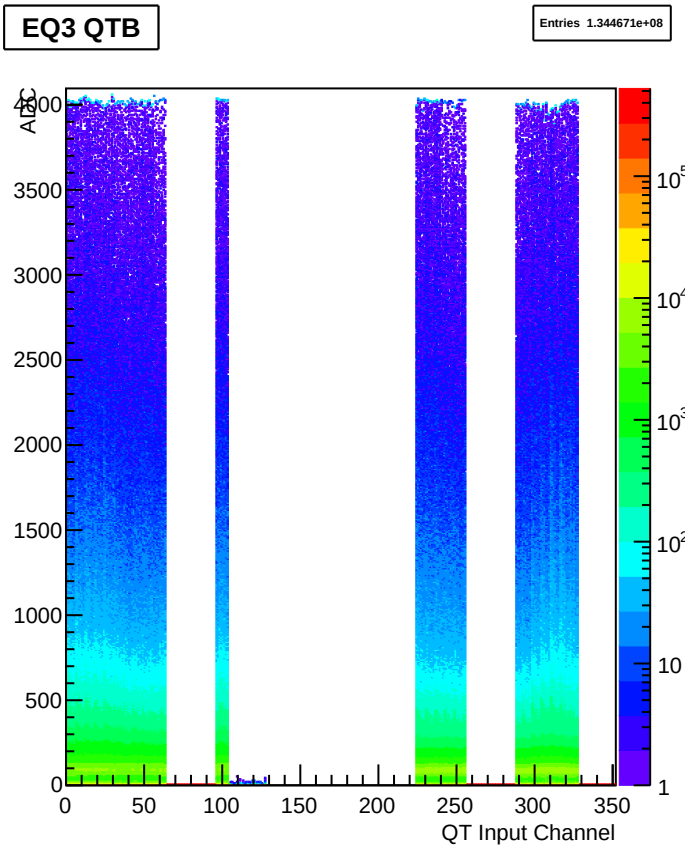

EQ1 QTC
Entries 5.042515e+07
TADC
QT Input Channel

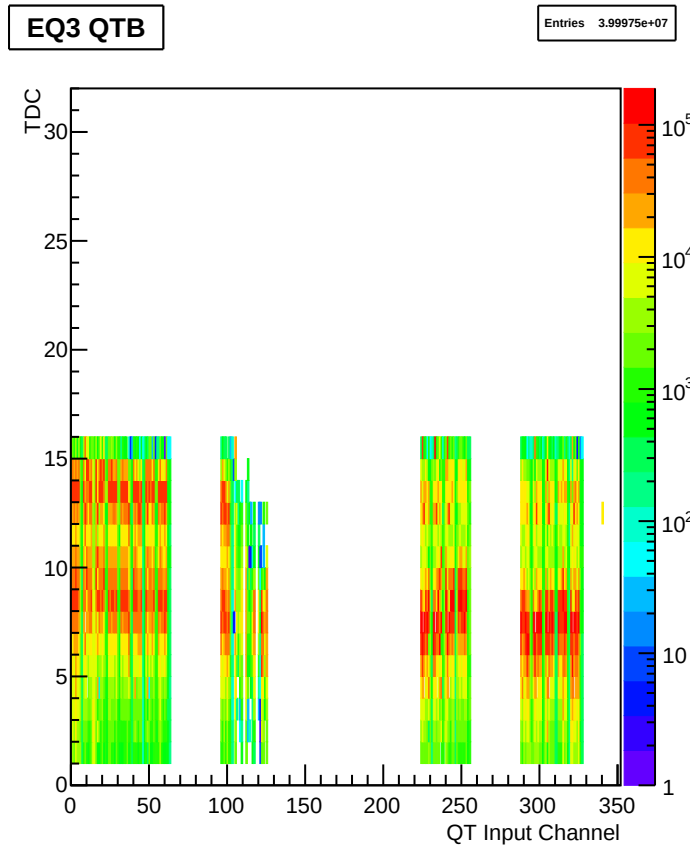

EQ2 QTB
Entries 1.512755e+08
ADC
QT Input Channel

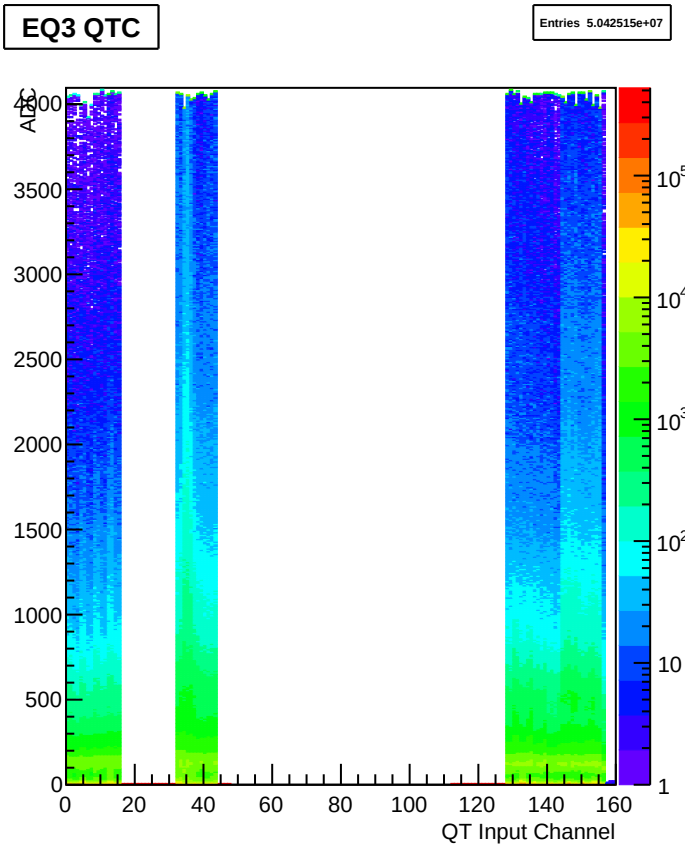

EQ2 QTB
Entries 4.788498e+07
TDC
QT Input Channel

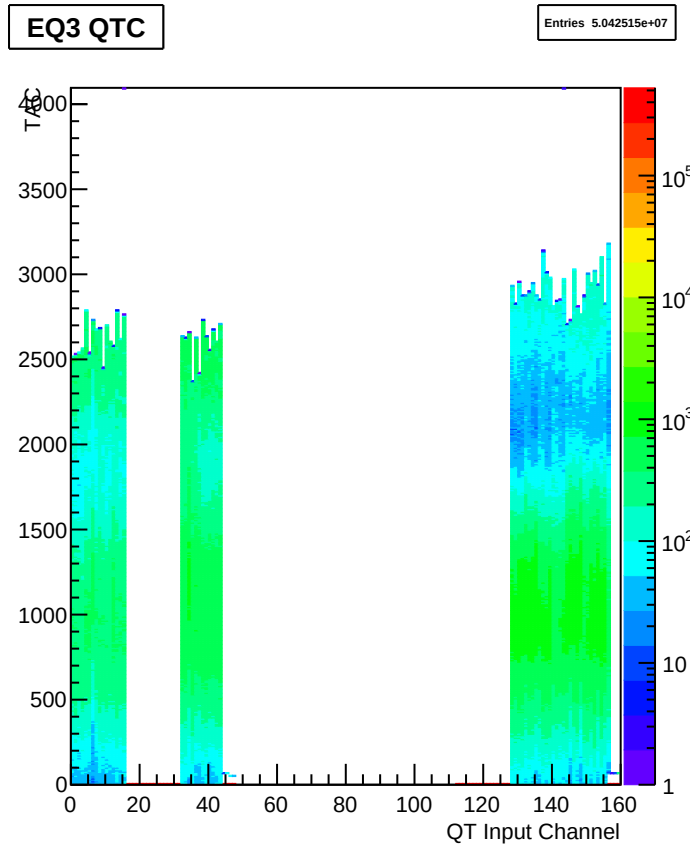

EQ2 QTC
Entries 5.042515e+07
ADC
QT Input Channel

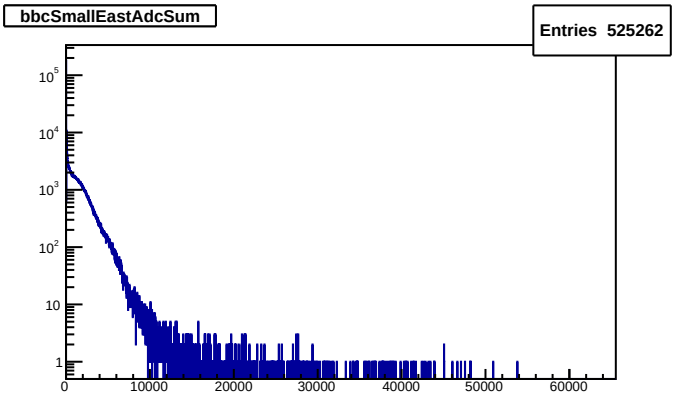

EQ2 QTC
Entries 5.042515e+07
TADC
QT Input Channel

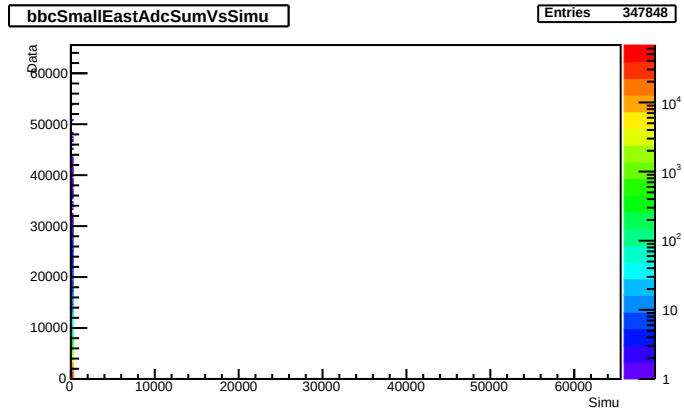

EQ3 QTB
Entries 1.344671e+08
ADC
QT Input Channel

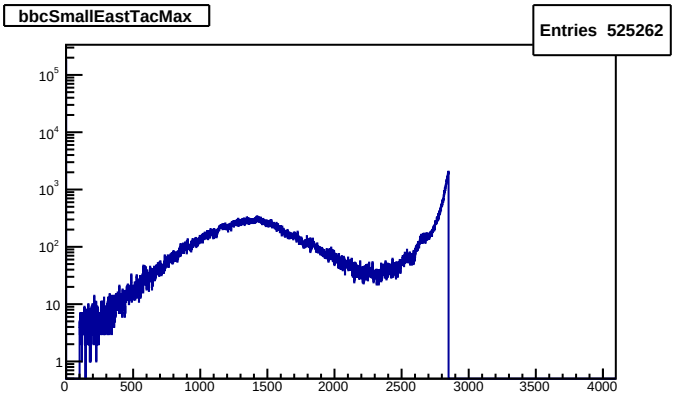

EQ3 QTB
Entries 3.99975e+07
TDC
QT Input Channel

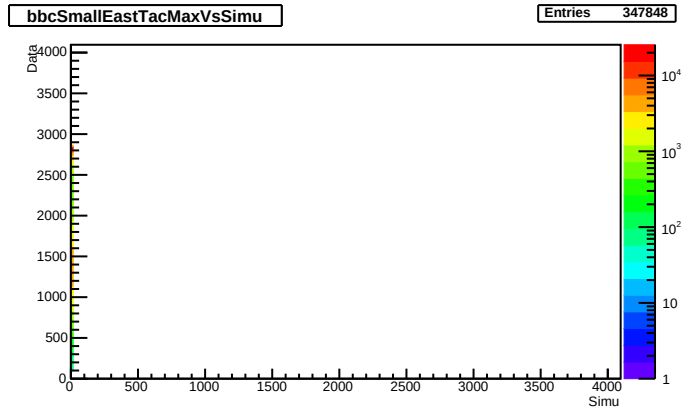

EQ3 QTC
Entries 5.042515e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.042515e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 525262


bbcSmallEastAdcSumVsSimu
Entries 347848
Data
Simu


bbcSmallEastTacMax
Entries 525262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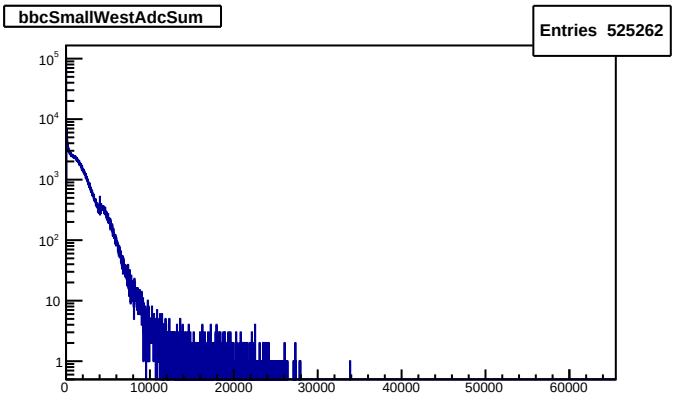
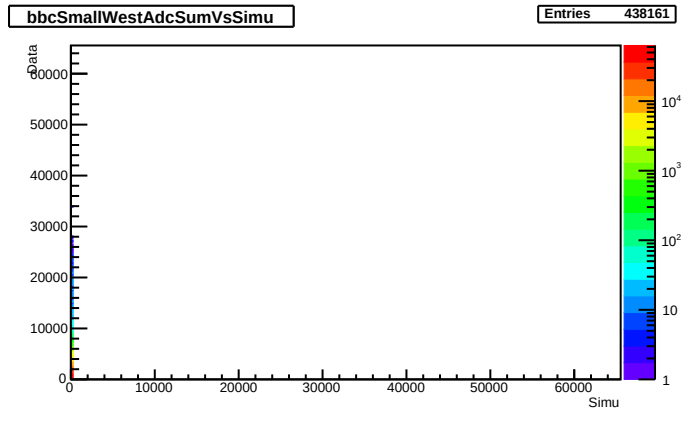
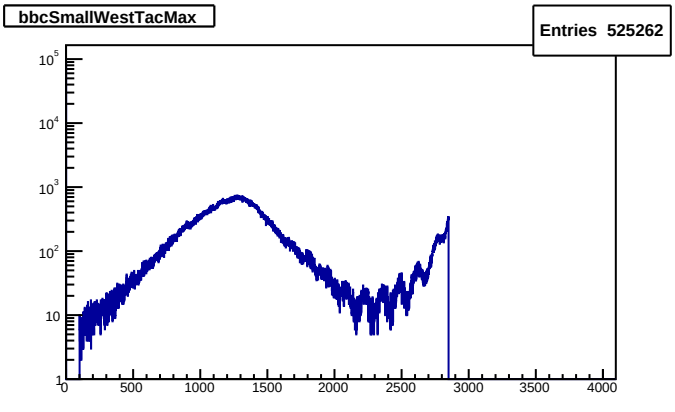
Entries 347848
Data
Simu


bbcSmallWestAdcSum
Entries 525262


bbcSmallWestAdcSumVsSimu
Entries 438161
Data
Simu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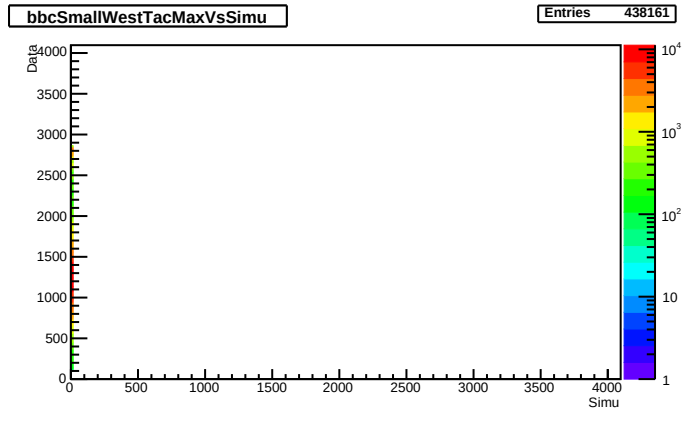
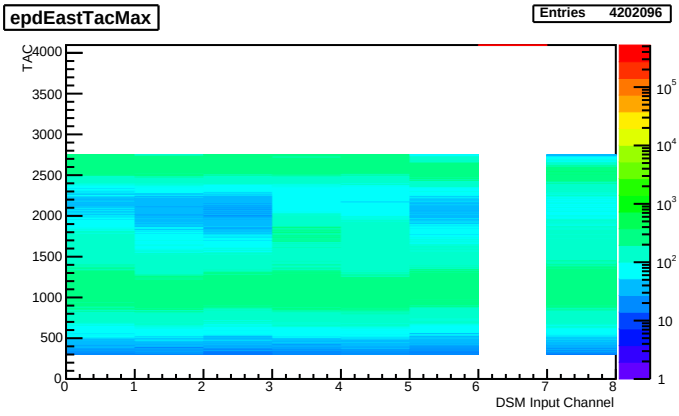
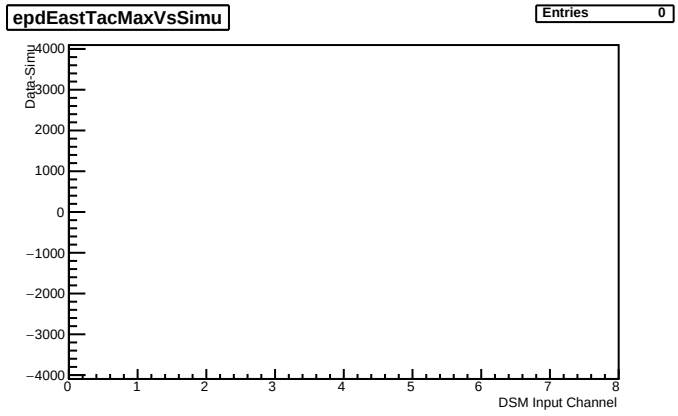
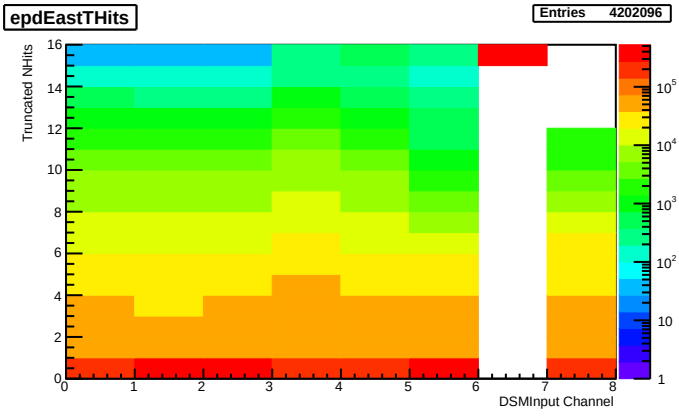
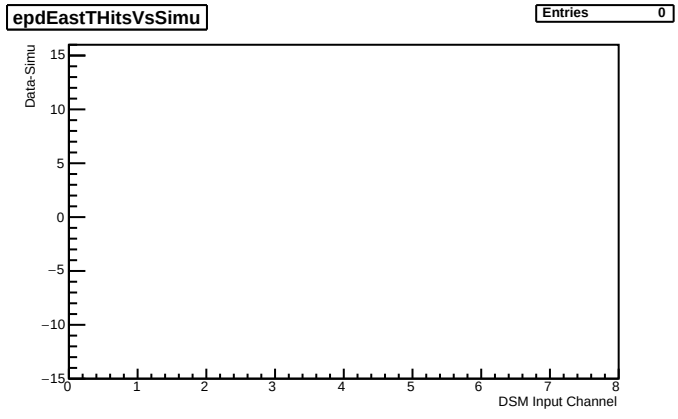
Entries 525262


bbcSmallWestTacMaxVsSimu
Entries 438161
Data
Simu


epdEastTacMax
Entries 4202096
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4202096
Truncated NHits
DSMInput Channel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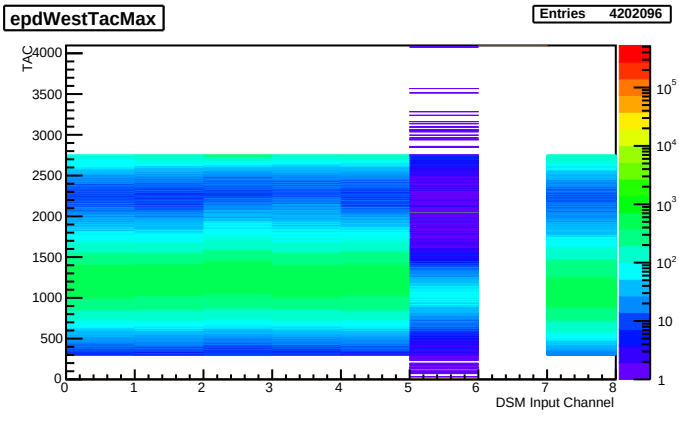
Entries 0
Data-Simu
DSM Input Channel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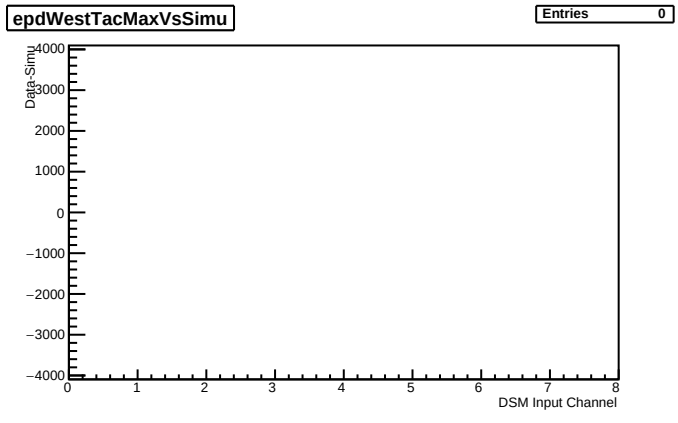
Entries 4202096
TAC
DSM Input Channel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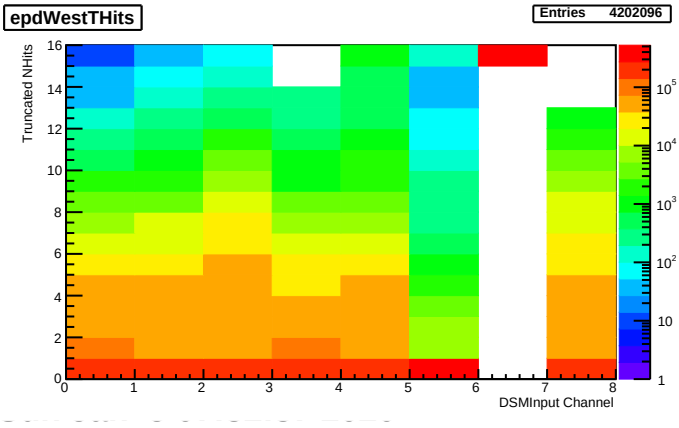
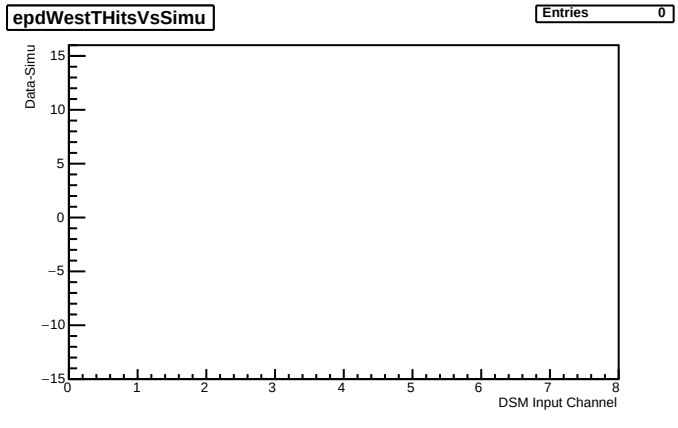
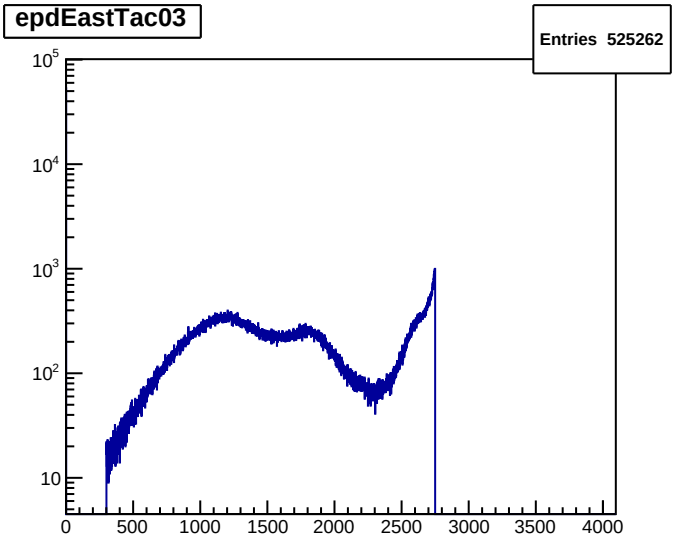
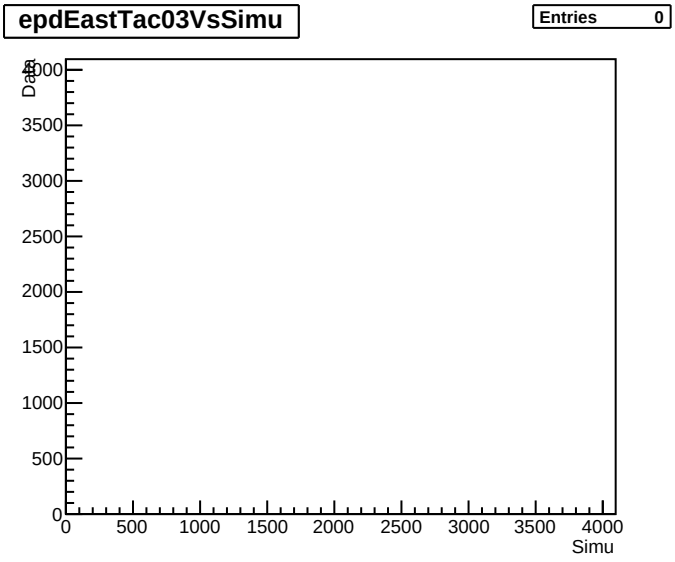
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4202096
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 525262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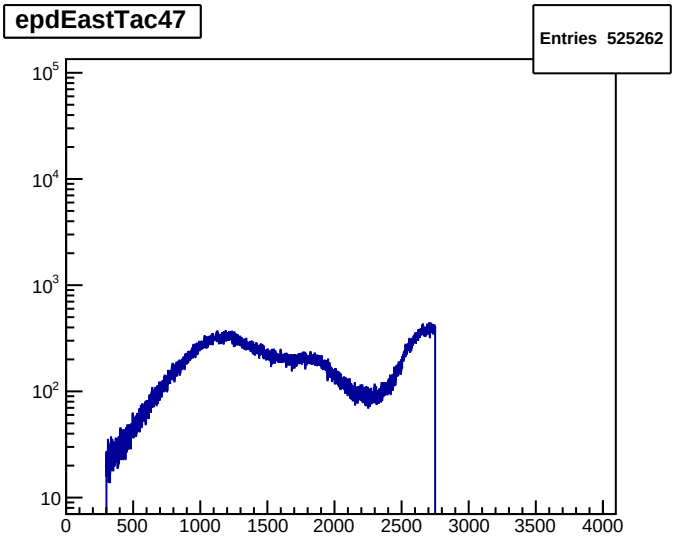
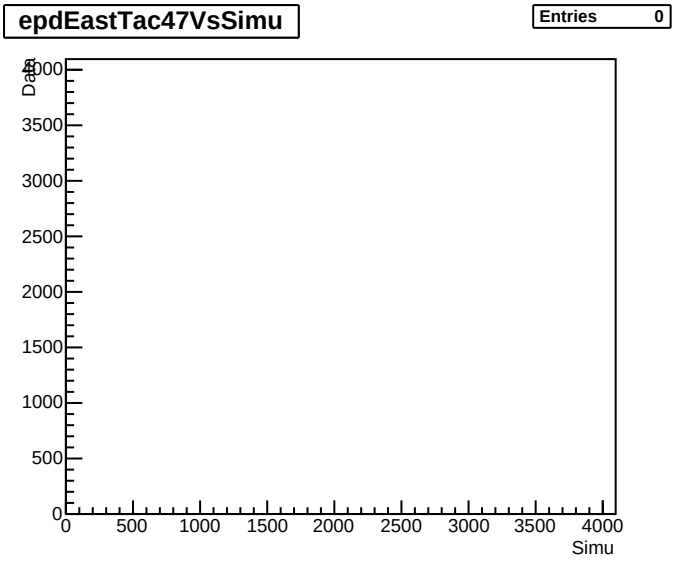
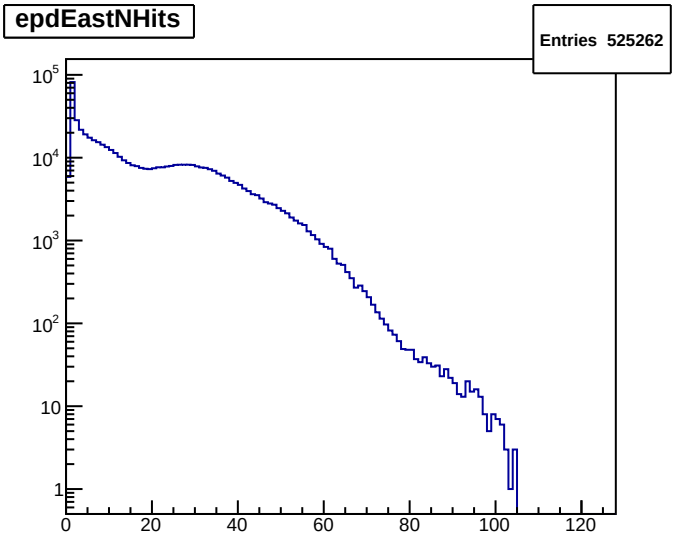
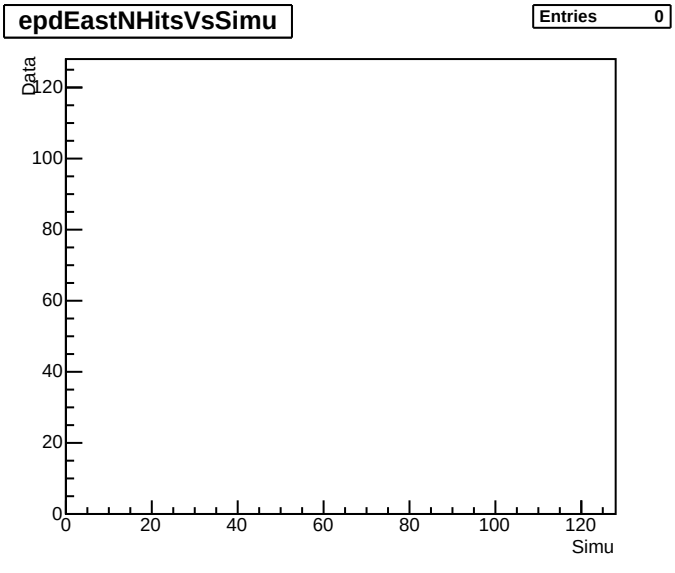
Entries 0
Data
Simu


epdEastTac47
Entries 525262


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 525262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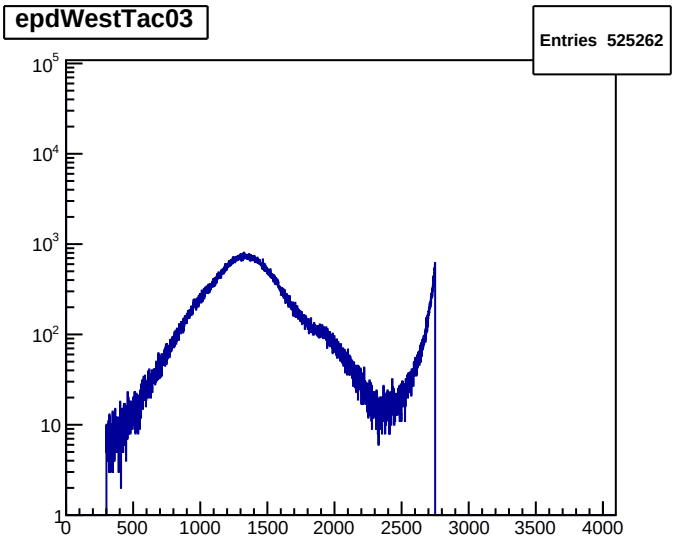
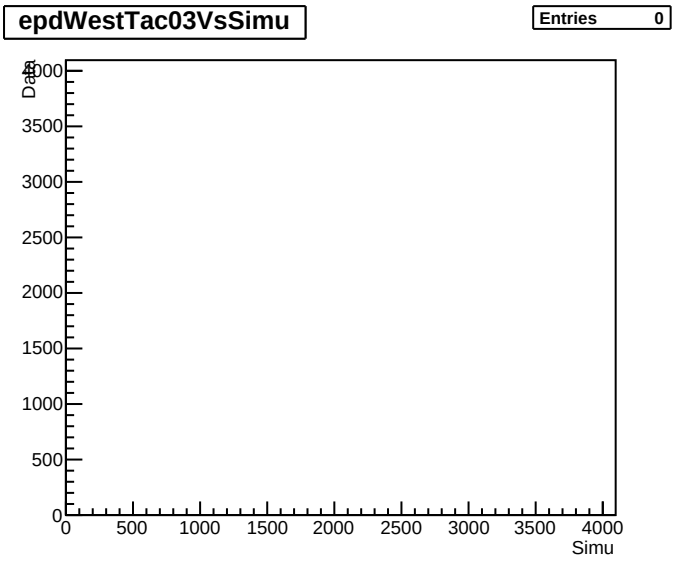
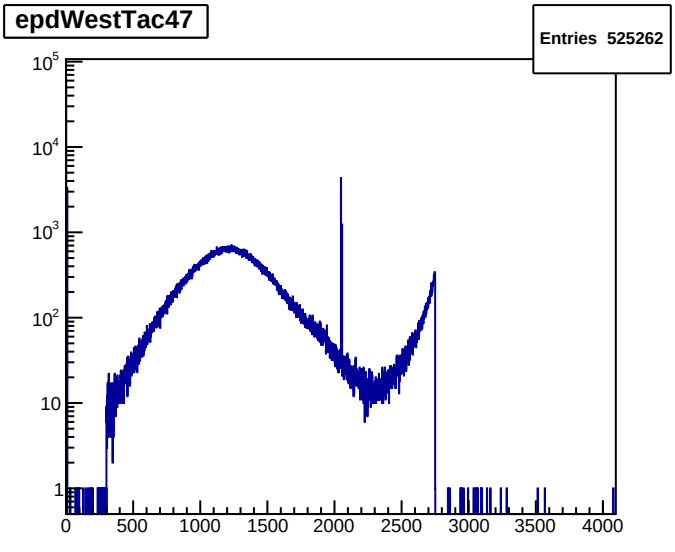
Entries 0
Data
Simu


epdWestTac03
Entries 525262


epdWestTac03VsSimu
Entries 0
Data
Simu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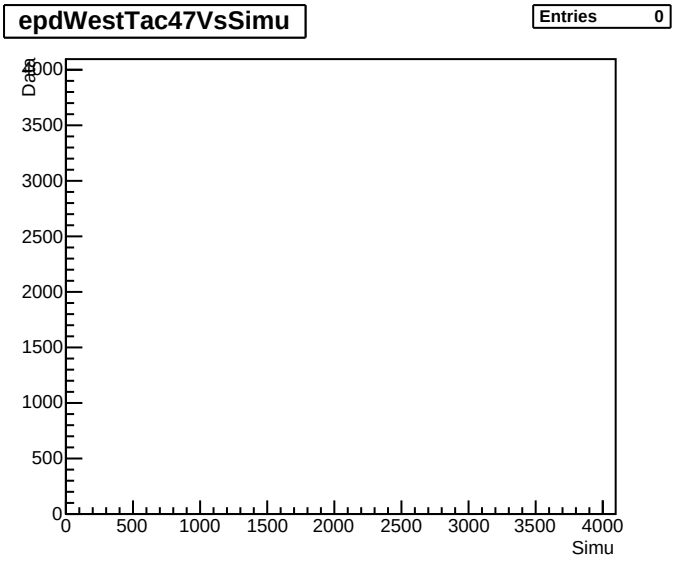
Entries 525262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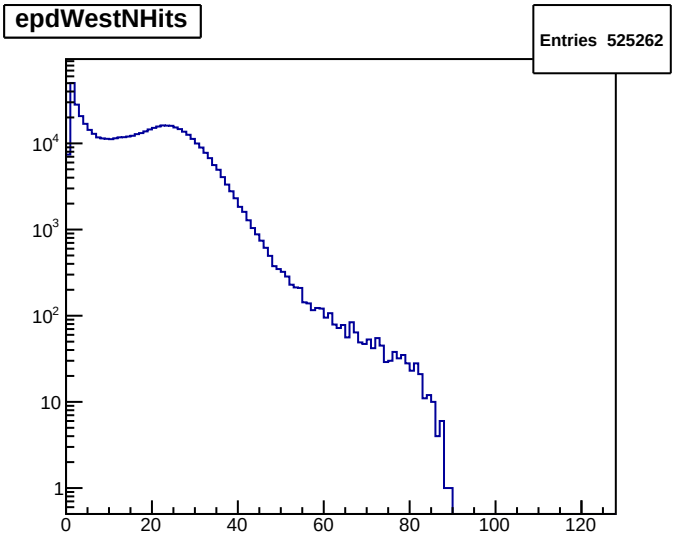
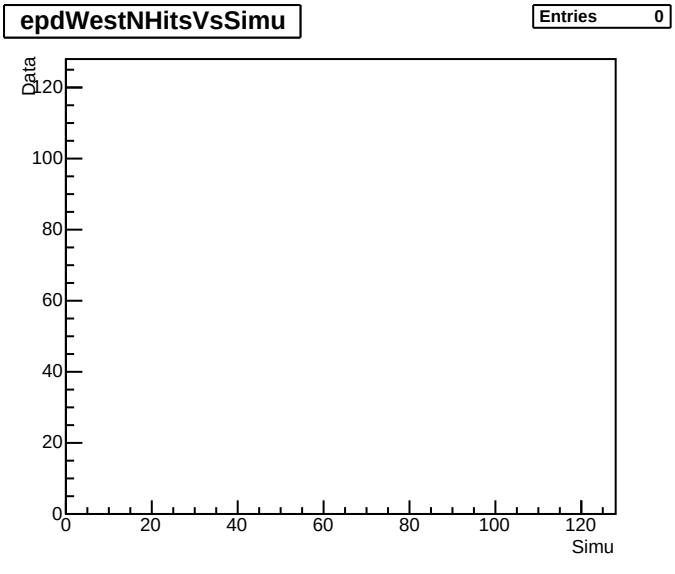
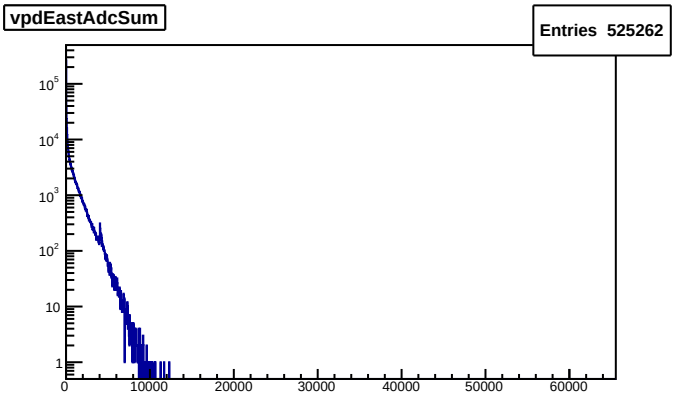
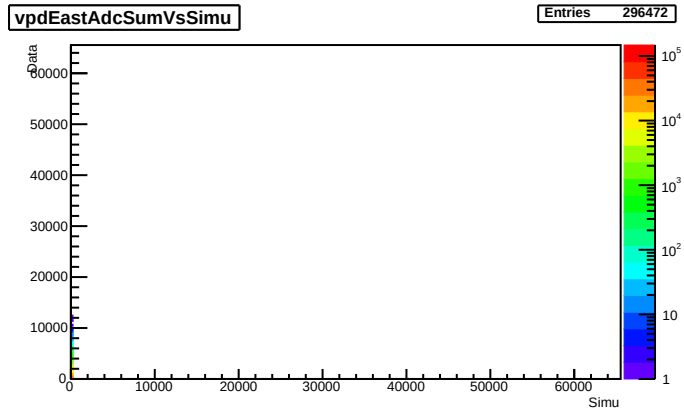
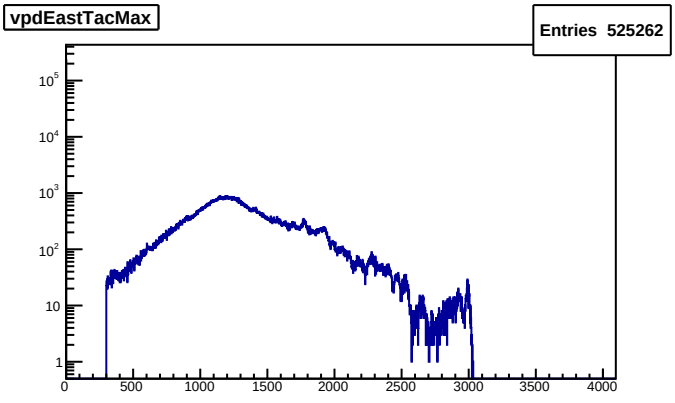
Entries 0
Data
Simu

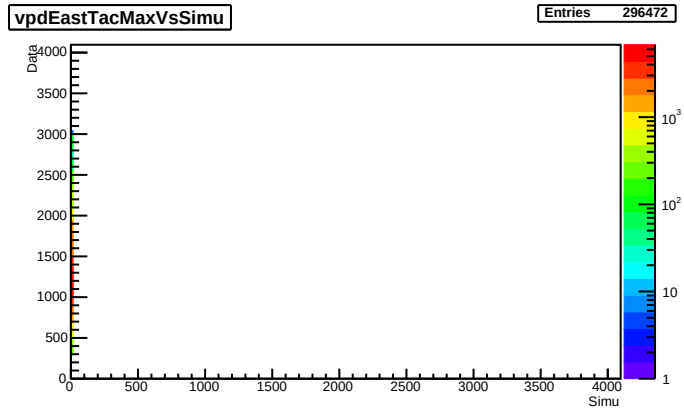

epdWestNHits
Entries 525262

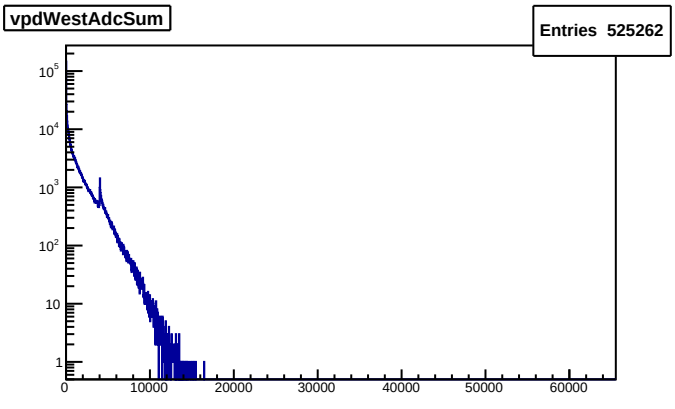

epdWestNHitsVsSimu
Entries 0
Data
Simu

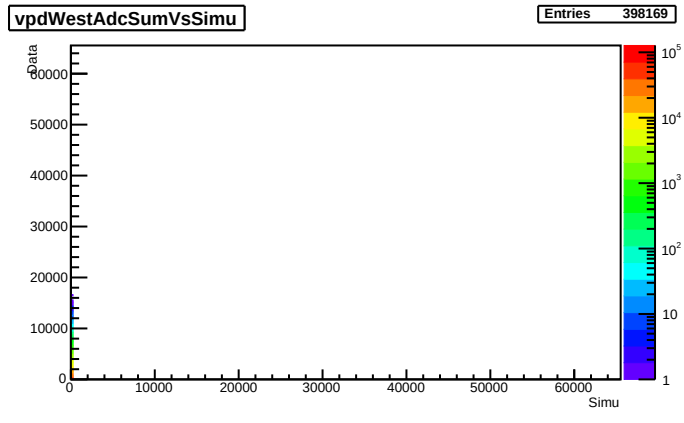

vpdEastAdcSum
Entries 525262

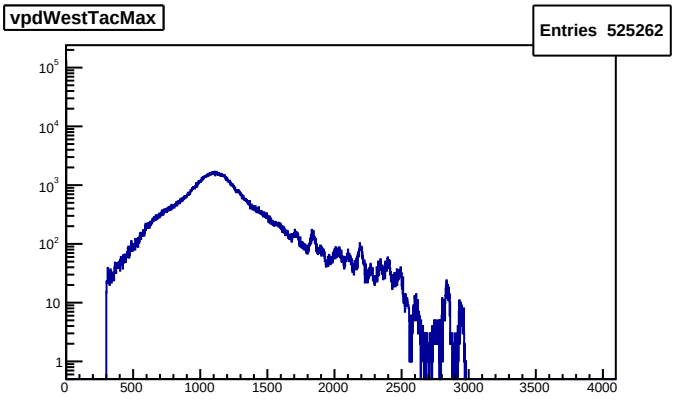

vpdEastAdcSumVsSimu
Entries 296472
Data
Simu

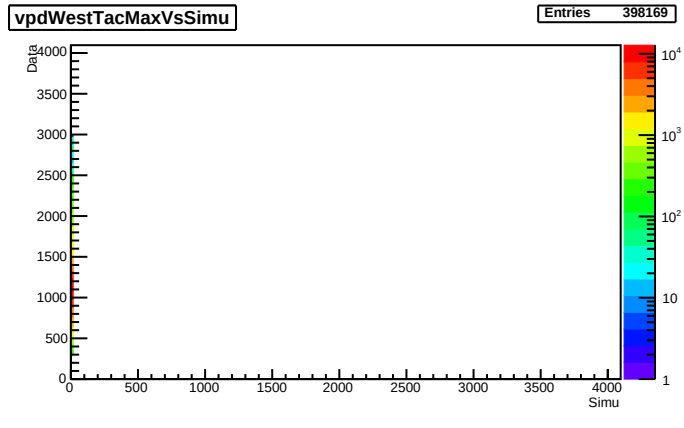

vpdEastTacMax
Entries 525262

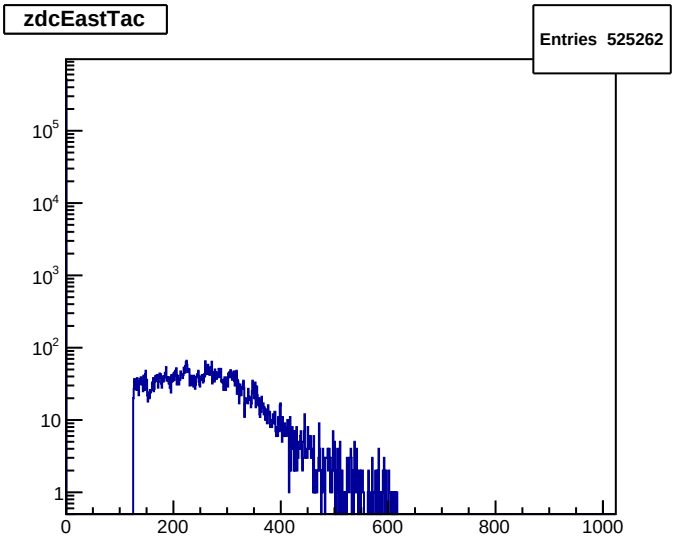

vpdEastTacMaxVsSimu
Entries 296472
Data
Simu

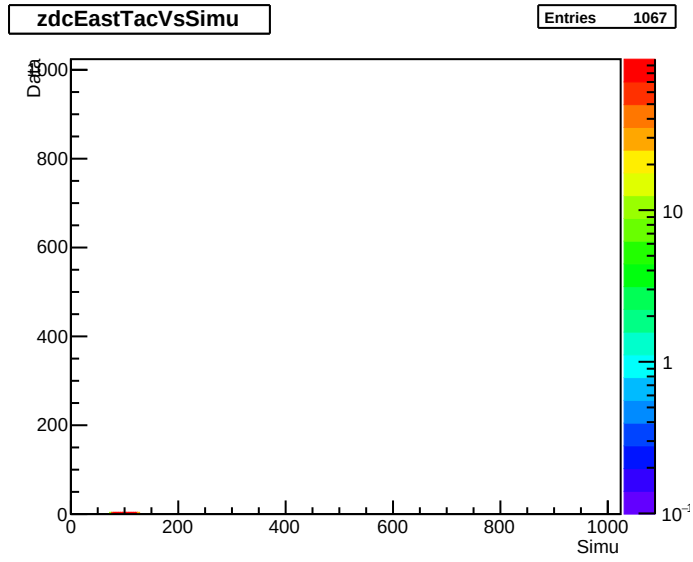

vpdWestAdcSum
Entries 525262

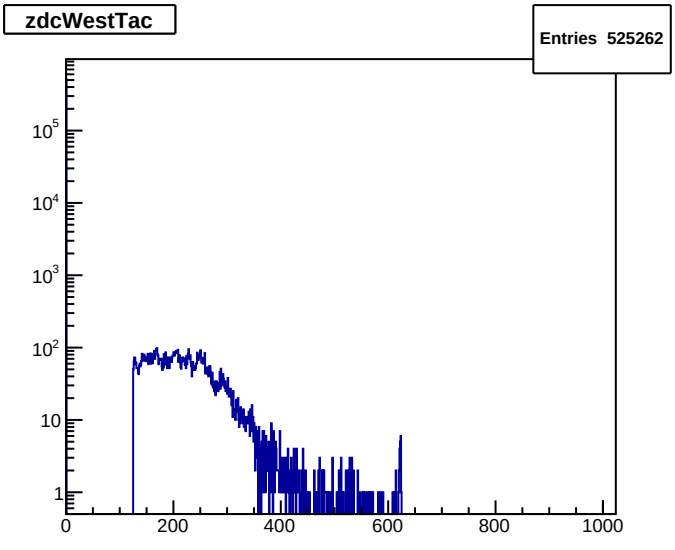

vpdWestAdcSumVsSimu
Entries 398169
Data
Simu

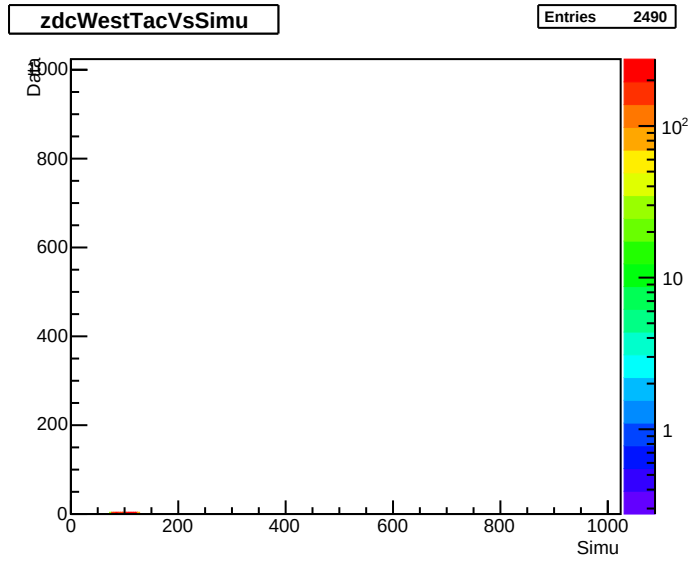

vpdWestTacMax
Entries 525262

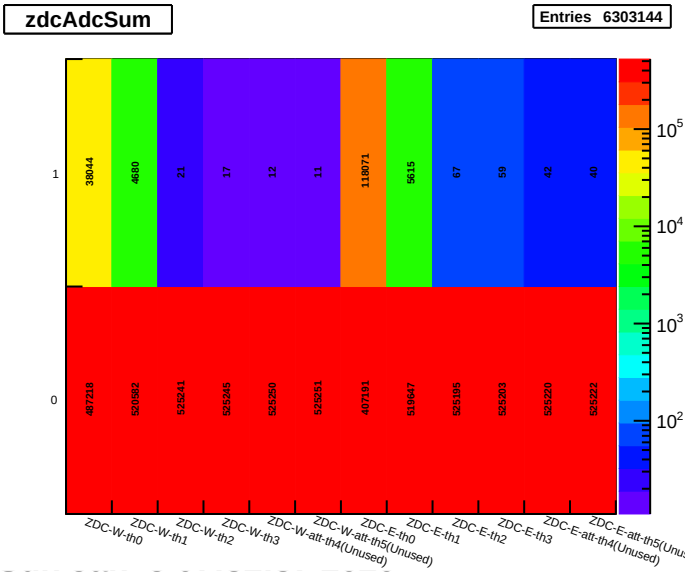

vpdWestTacMaxVsSimu
Entries 398169
Data
Simu

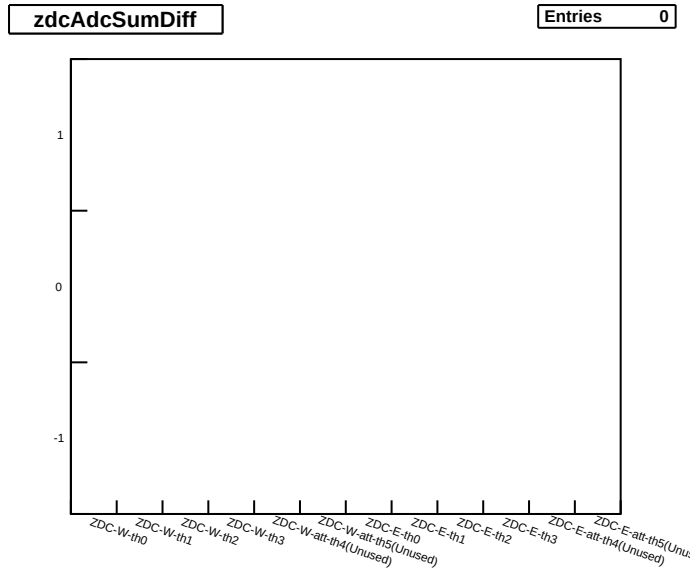

zdcEastTac
Entries 525262

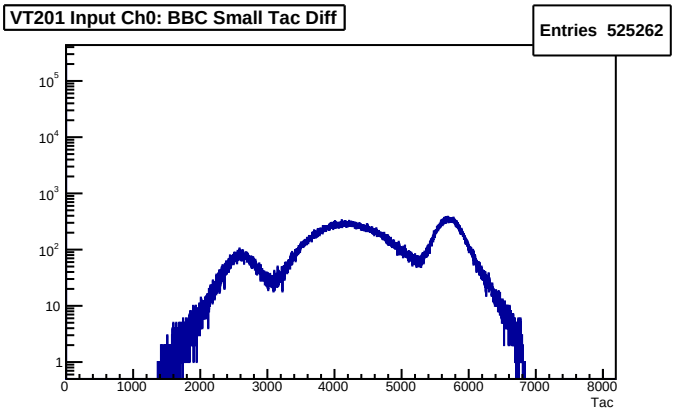

zdcEastTacVsSimu
Entries 1067
Data
Simu

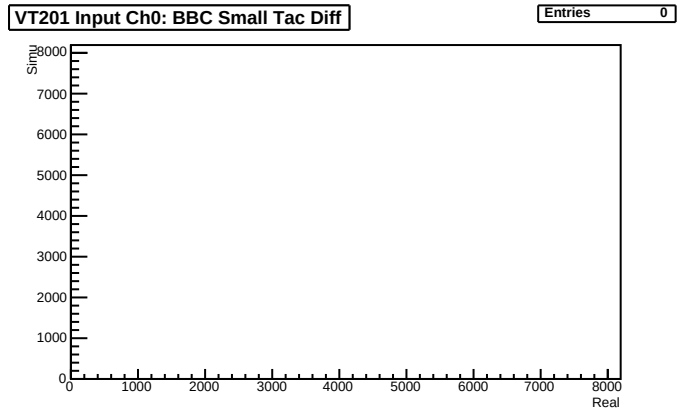

zdcWestTac
Entries 525262

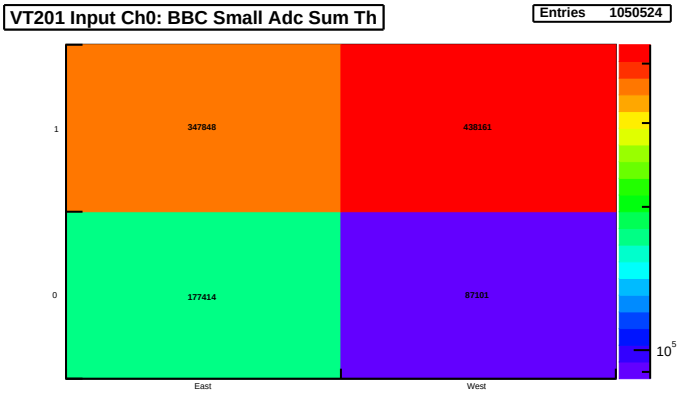

zdcWestTacVsSimu
Entries 2490
Data
Simu

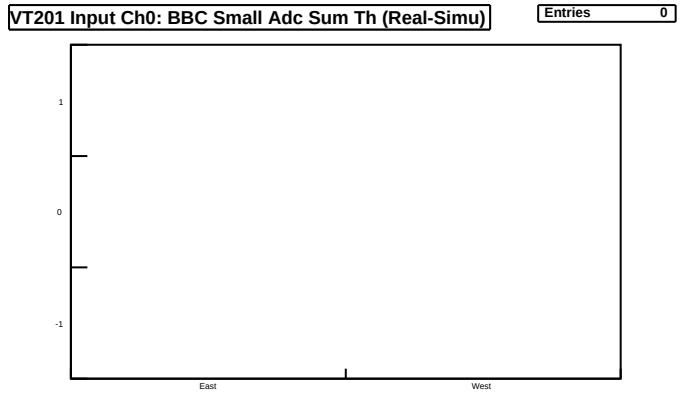

zdcAdcSum
Entries 6303144
38044
4680
21
17
12
11
118071
5615
67
59
42
40
487218
520582
525241
525245
525250
525251
407191
519647
525195
525203
525220
525222
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

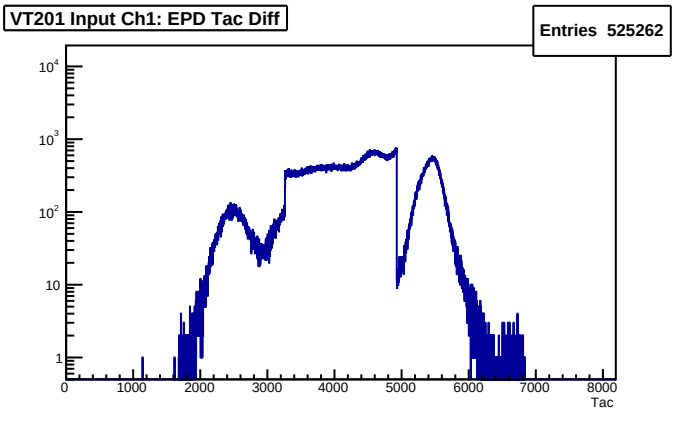

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

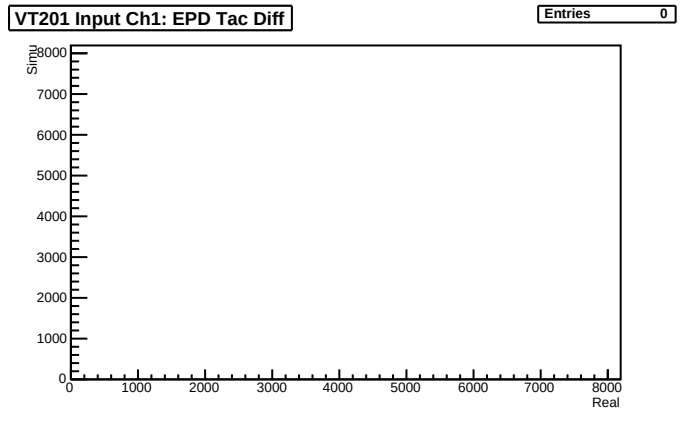

VT201 Input Ch0: BBC Small Tac Diff
Entries 525262
Tac

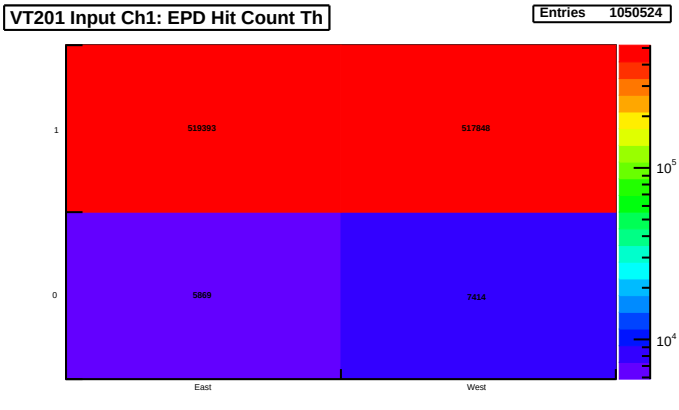

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

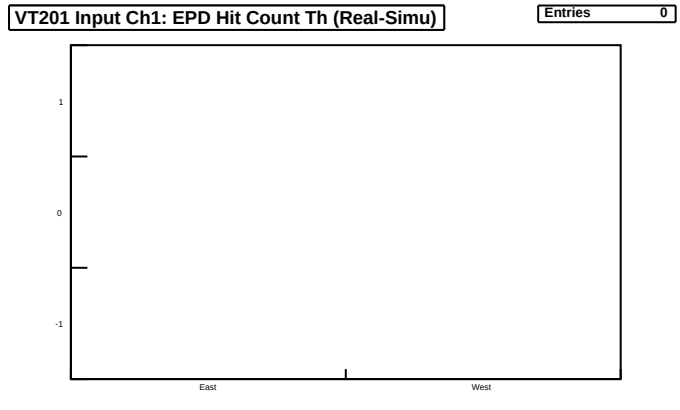

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1050524
347848
438161
177414
87101
East
West

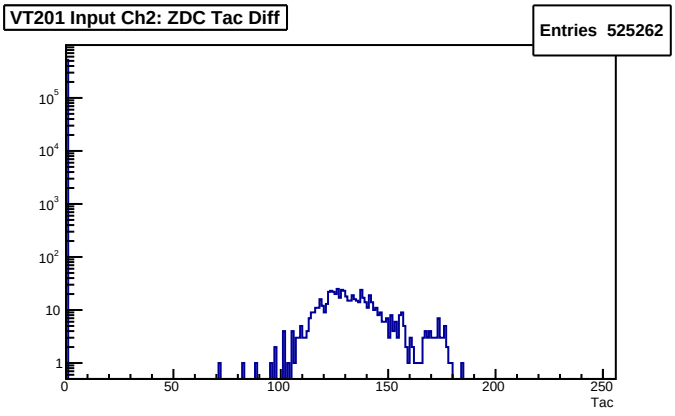

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

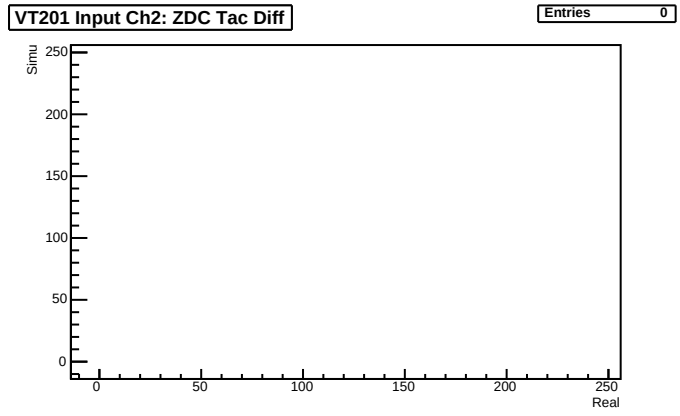

VT201 Input Ch1: EPD Tac Diff
Entries 525262
Tac

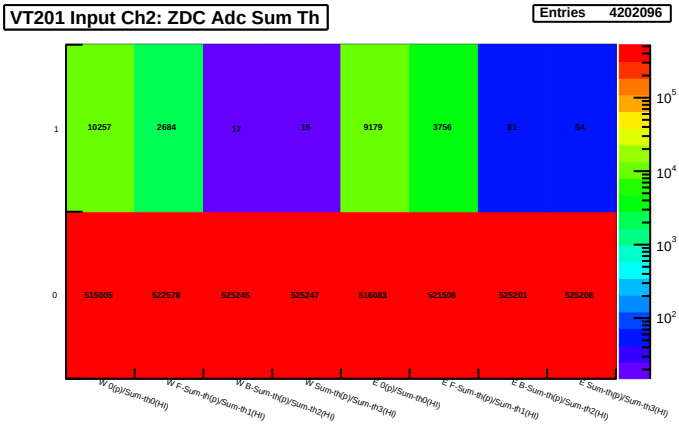

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

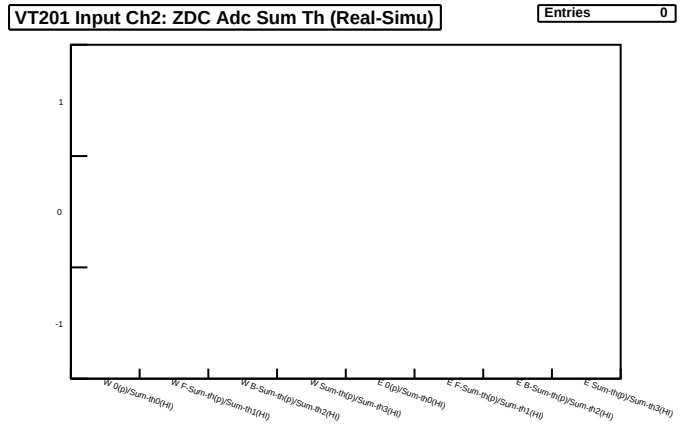

VT201 Input Ch1: EPD Hit Count Th
Entries 1050524
519393
517848
5869
7414
East
West

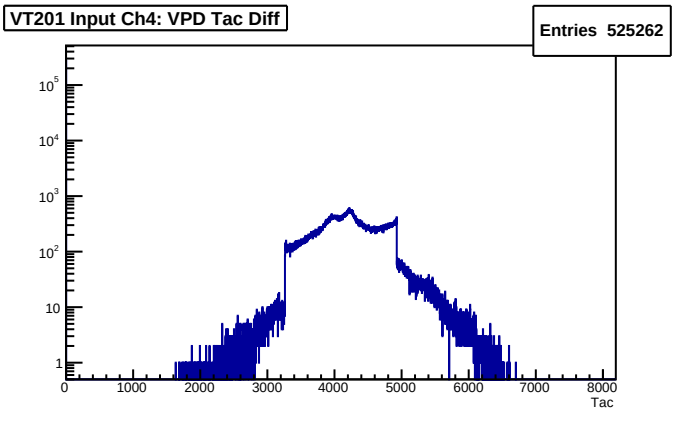

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

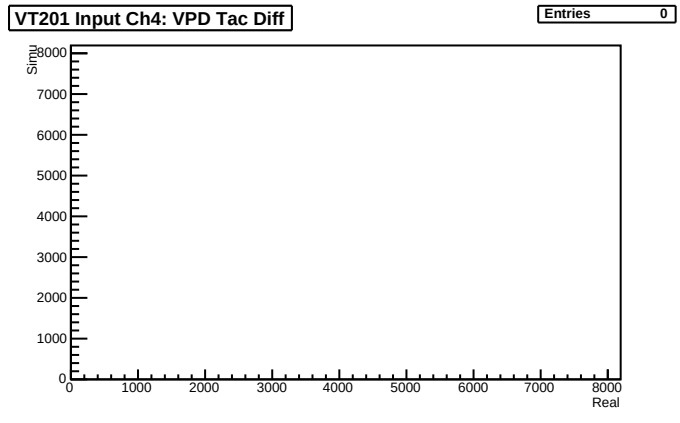

VT201 Input Ch2: ZDC Tac Diff
Entries 525262
Tac

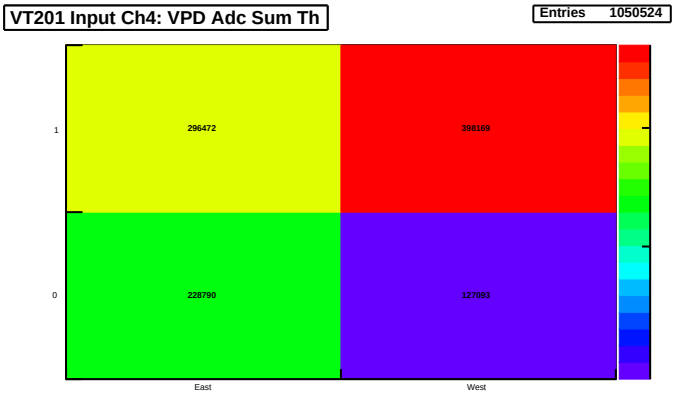

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

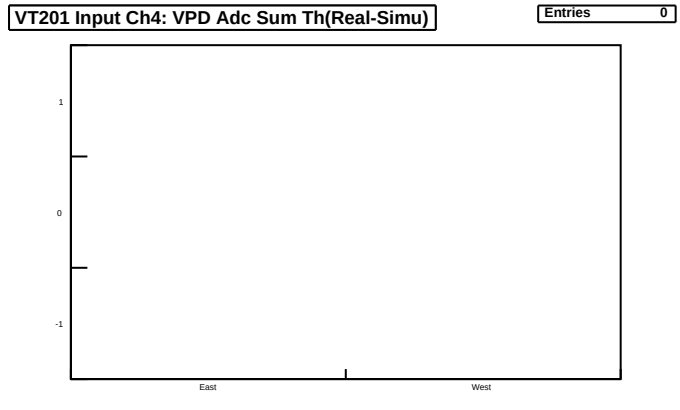

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4202096
10257
2684
17
15
9179
3756
61
54
515005
522578
525245
525247
516083
521506
525201
525208
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

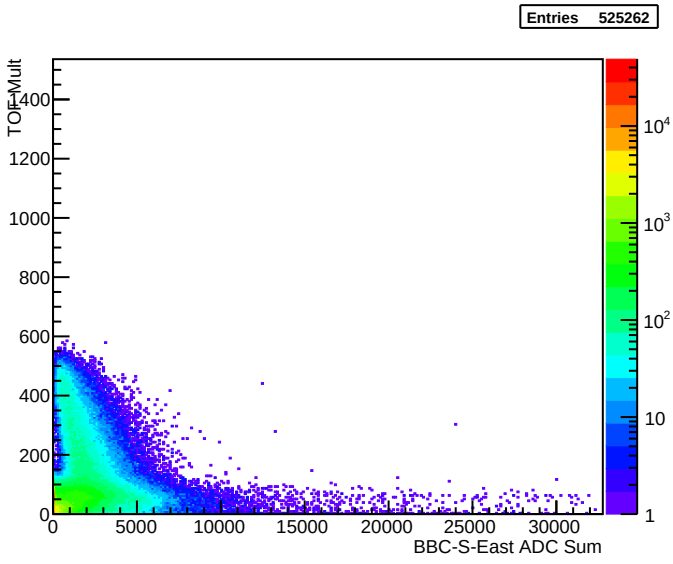

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

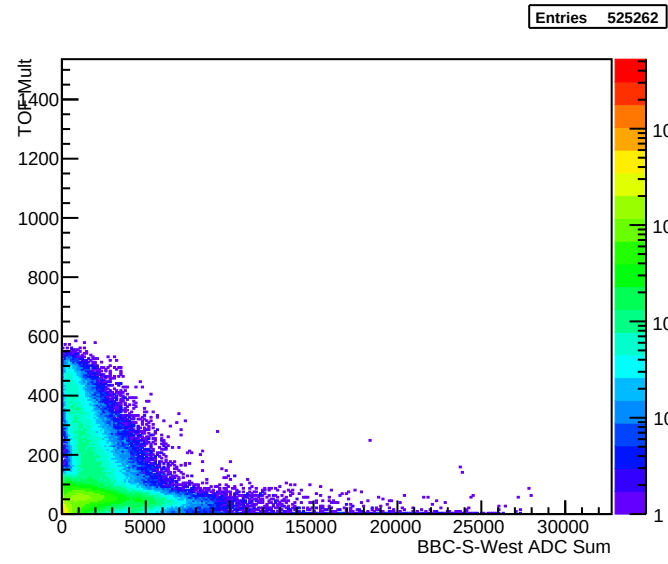

VT201 Input Ch4: VPD Tac Diff
Entries 525262
Tac

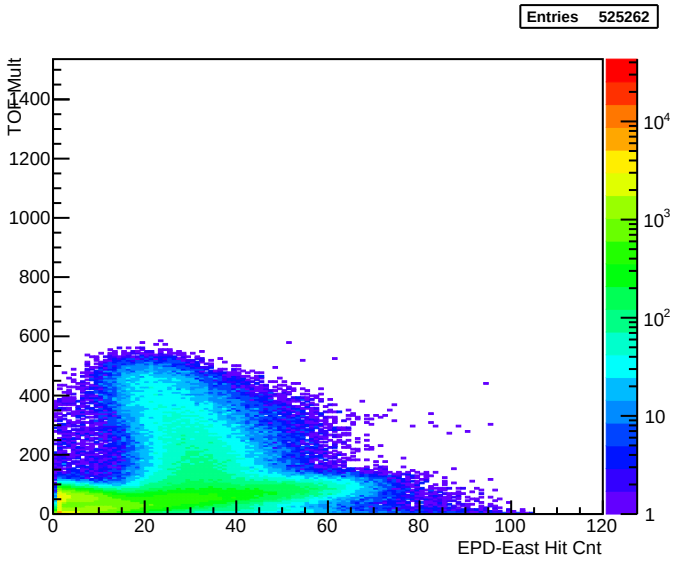

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

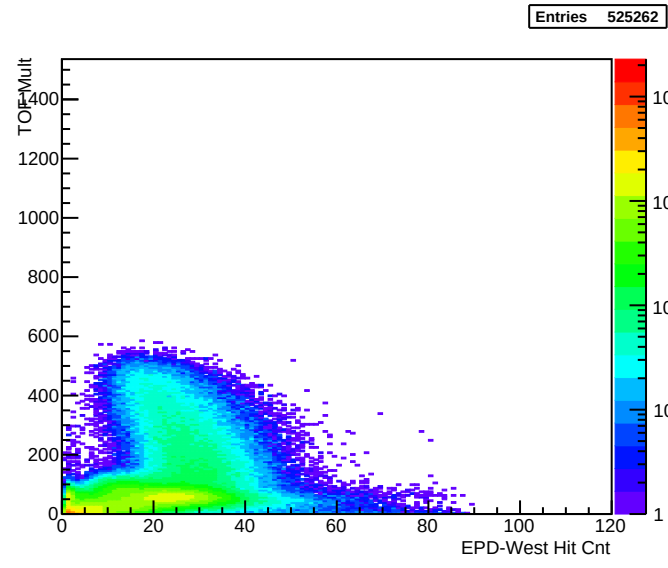

VT201 Input Ch4: VPD Adc Sum Th
Entries 1050524
296472
398169
228790
127093
East
West

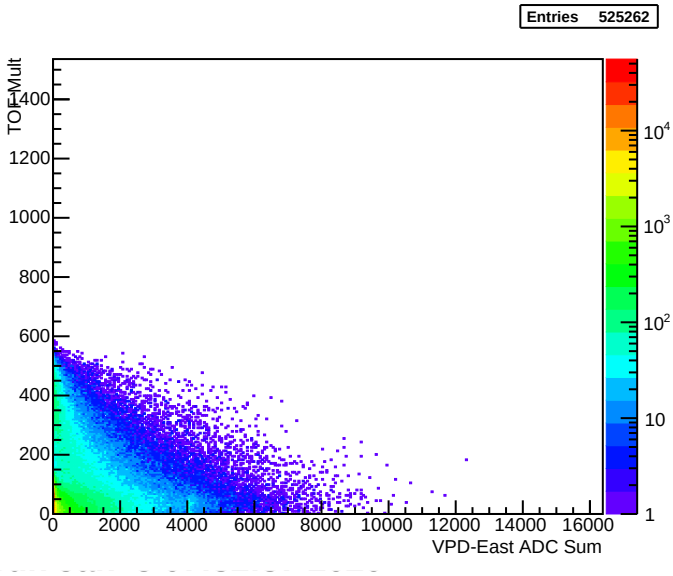

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

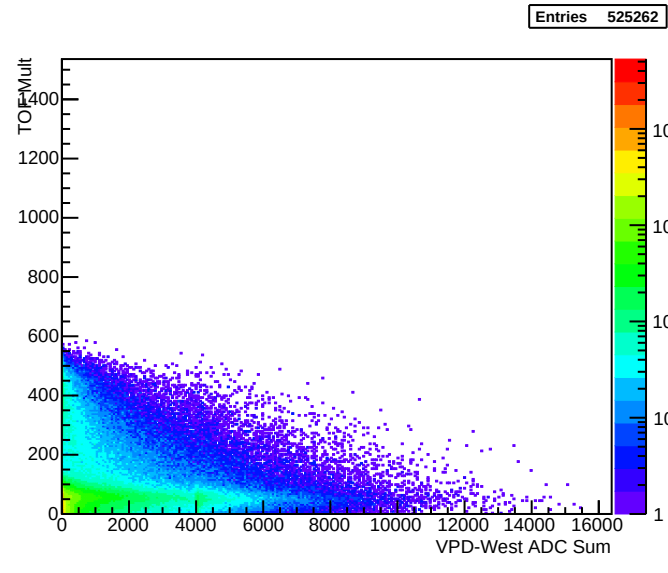

Entries 525262
TOF-Mult
BBC-S-East ADC Sum

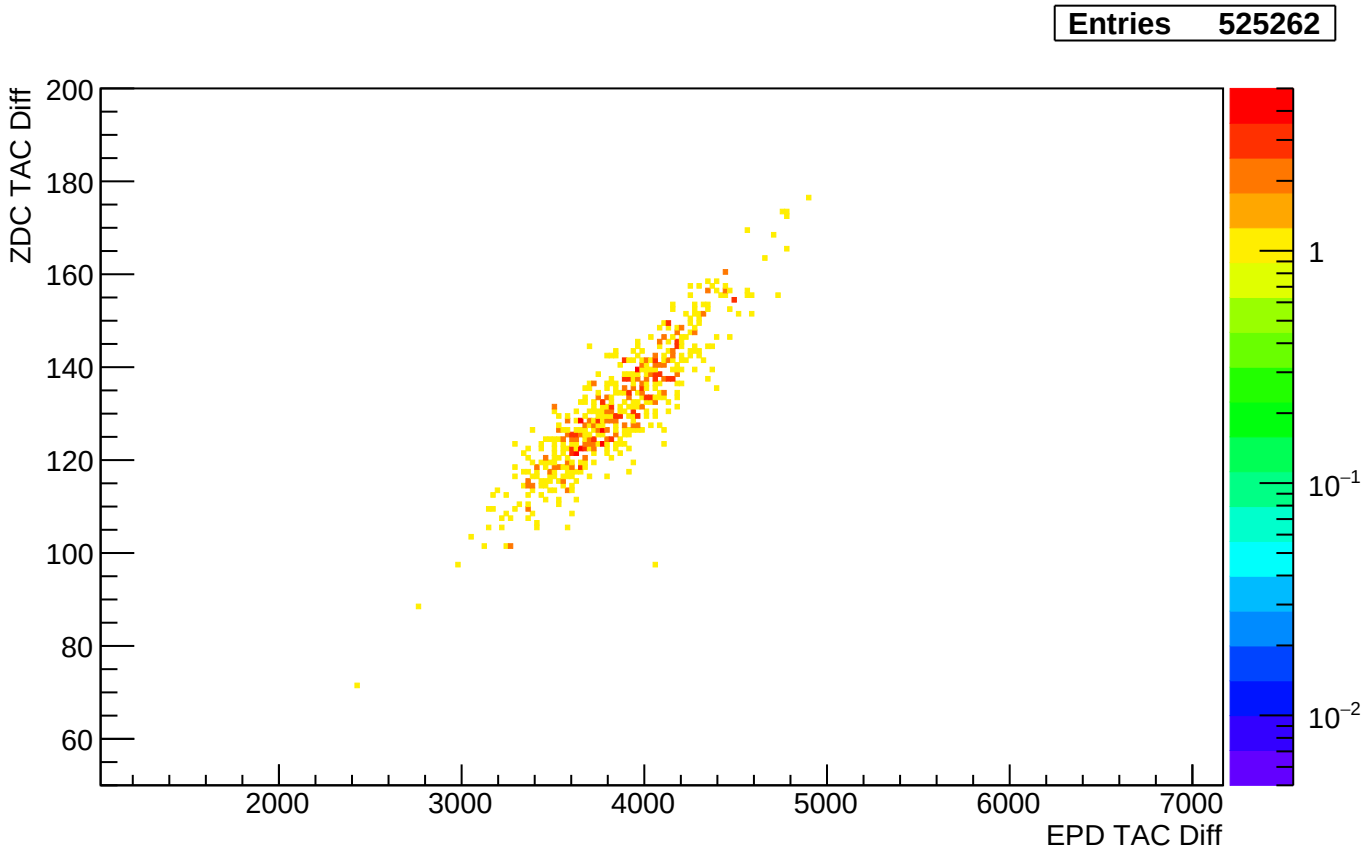

Entries 525262
TOF-Mult
BBC-S-West ADC Sum

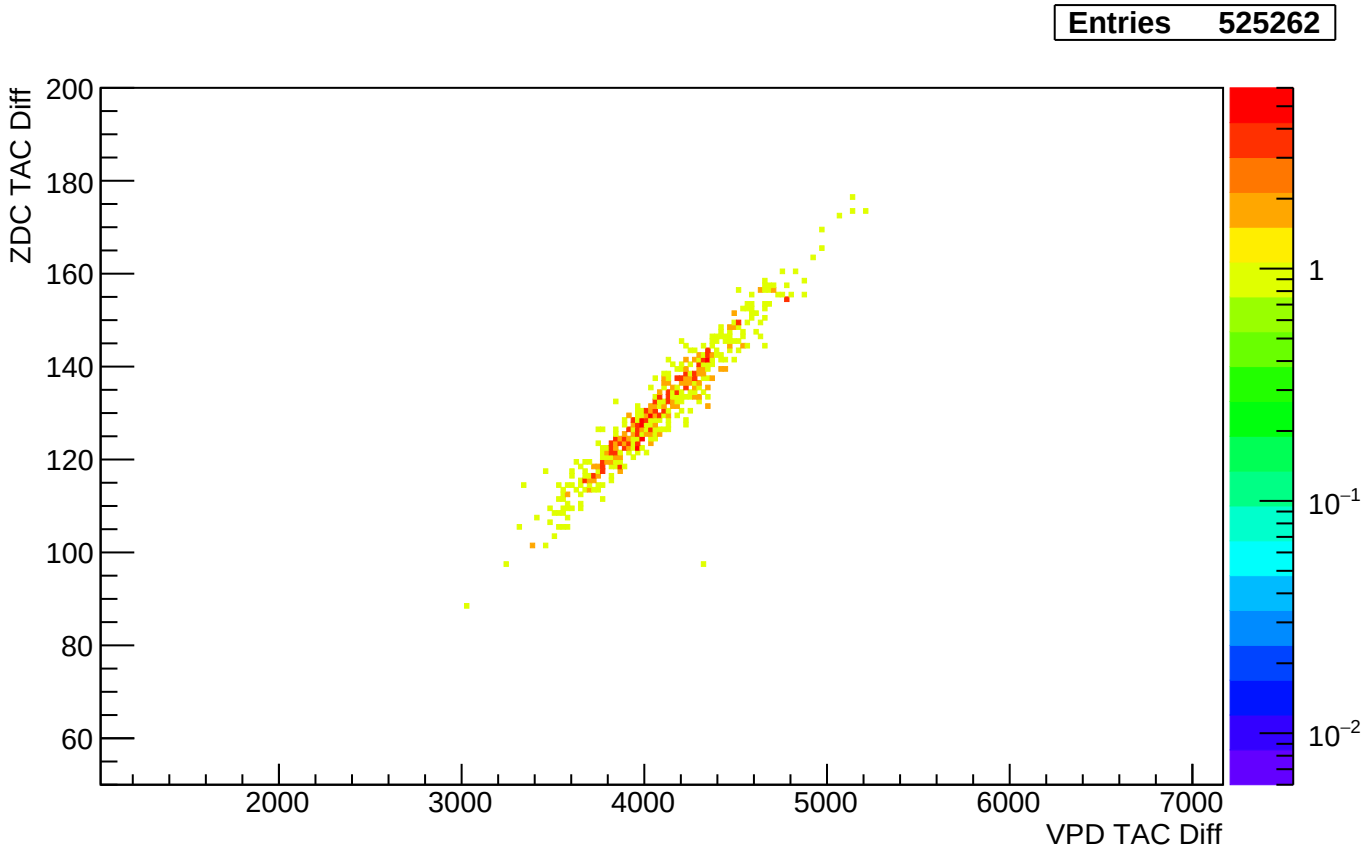

Entries 525262
TOF-Mult
EPD-East Hit Cnt

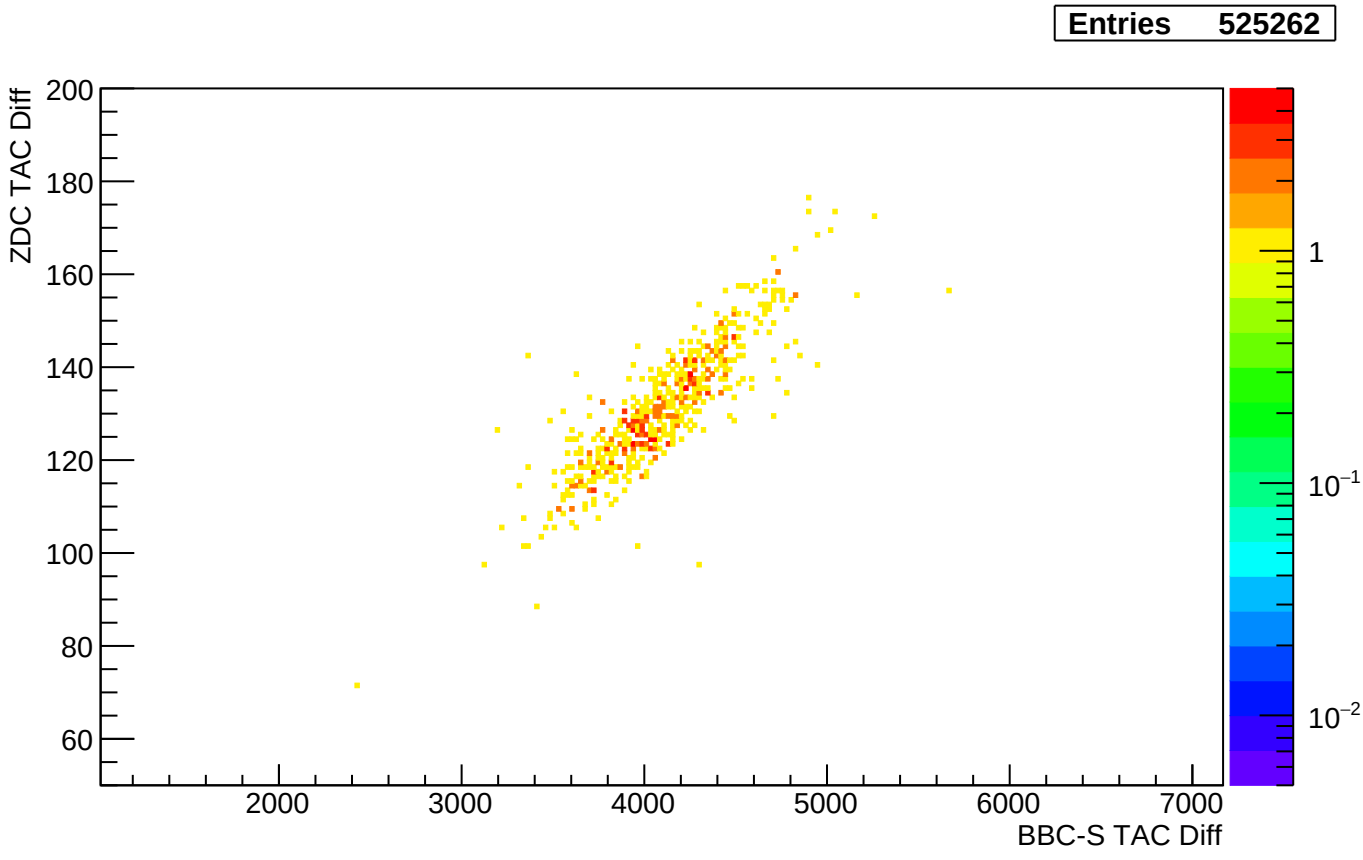

Entries 525262
TOF-Mult
EPD-West Hit Cnt

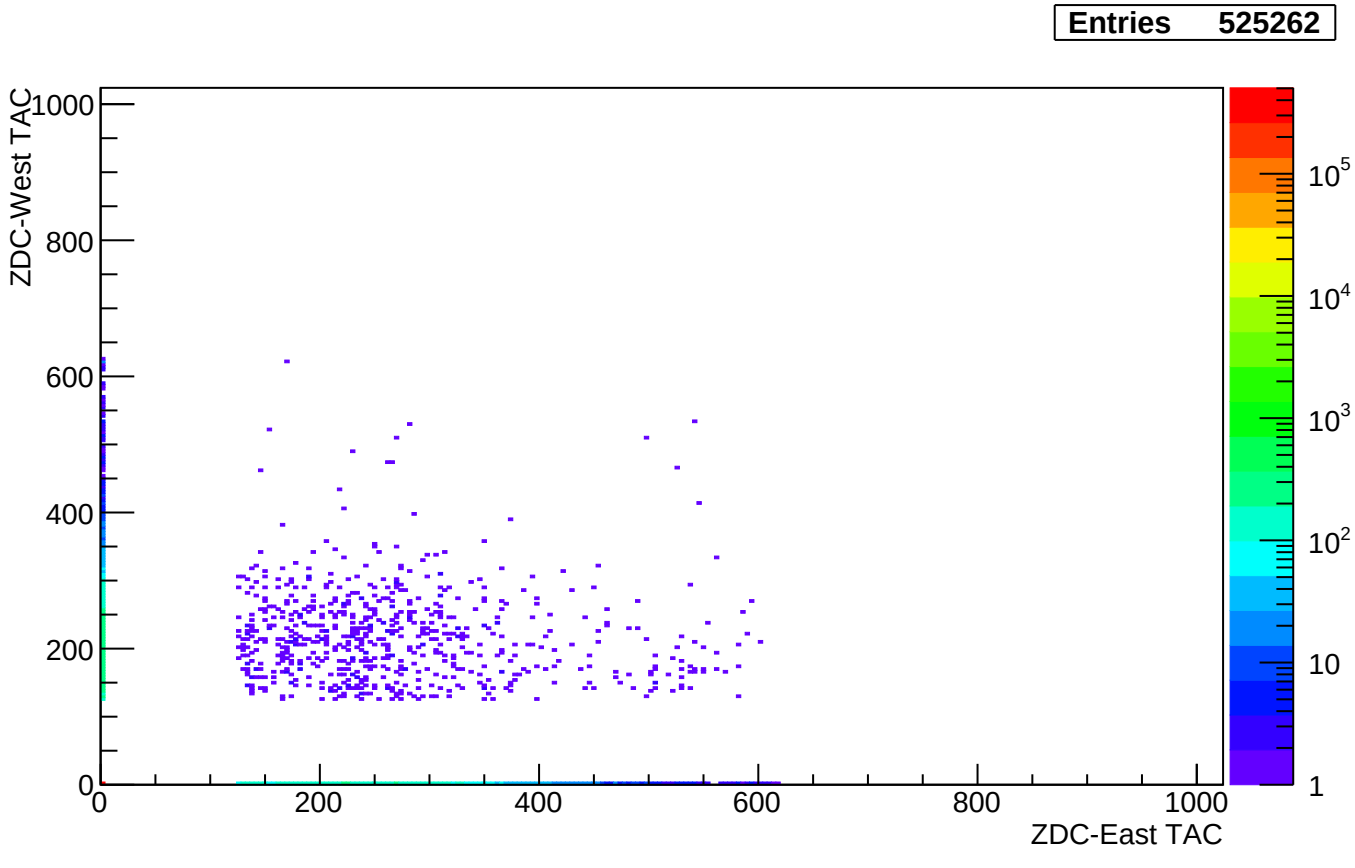

Entries 525262
TOF-Mult
VPD-East ADC Sum

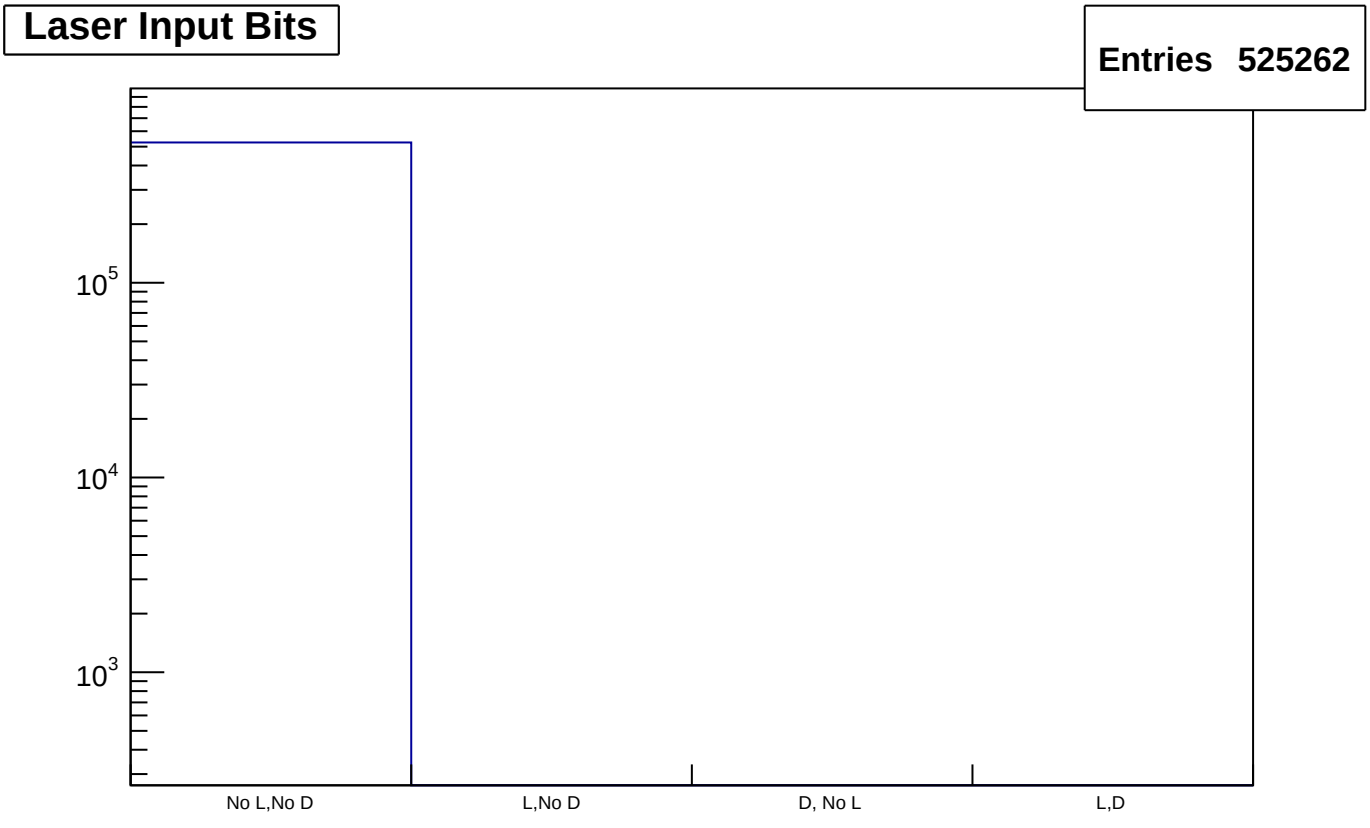

Entries 525262
TOF-Mult
VPD-West ADC Sum

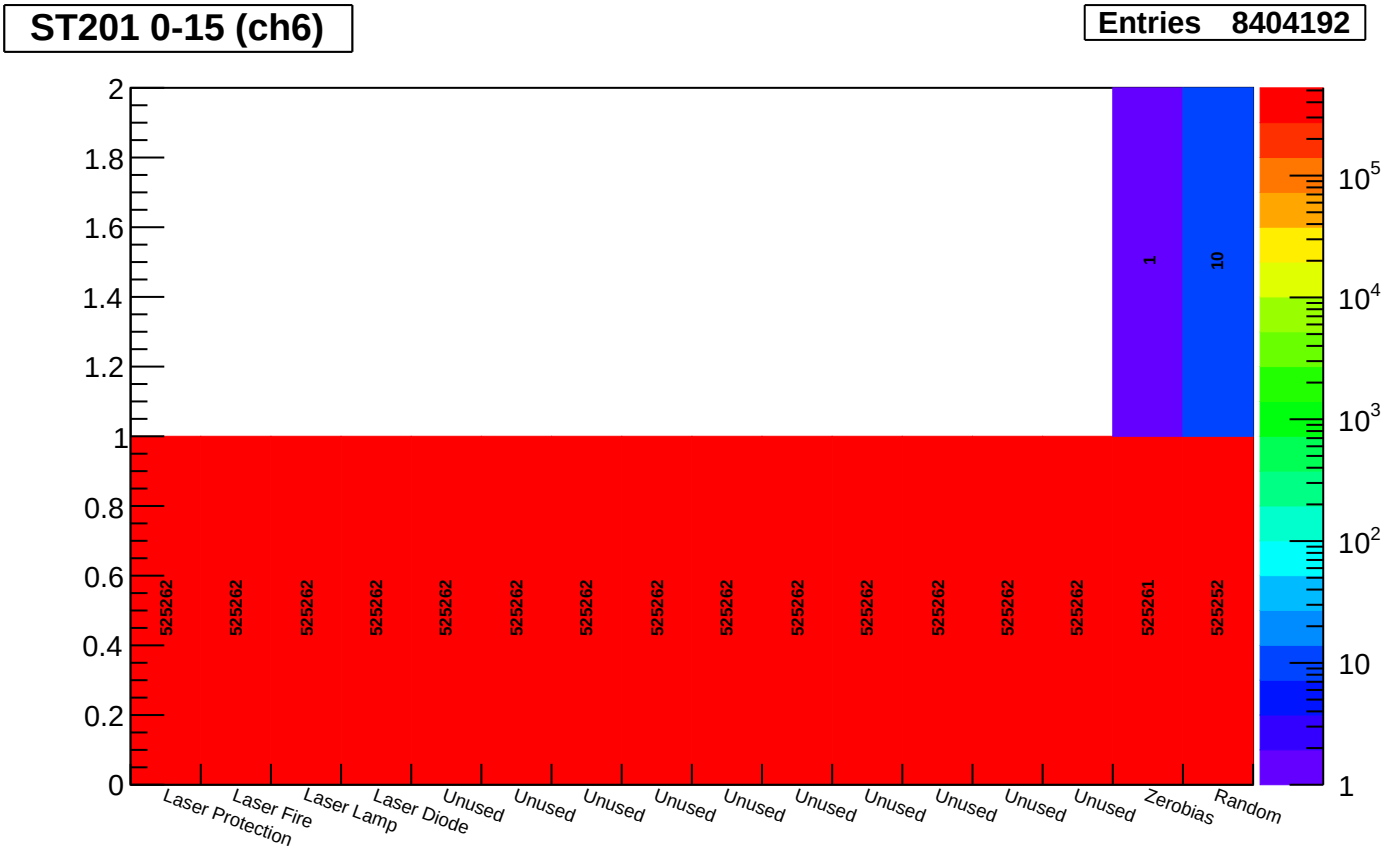

Entries 525262
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

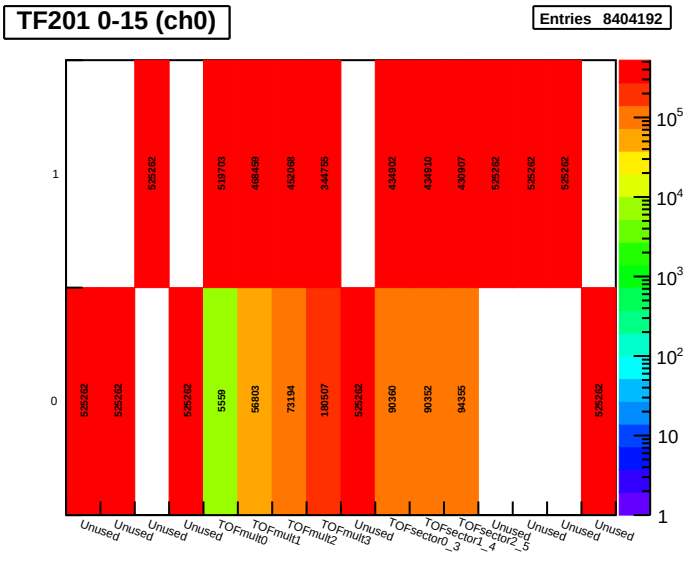

Entries 525262
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

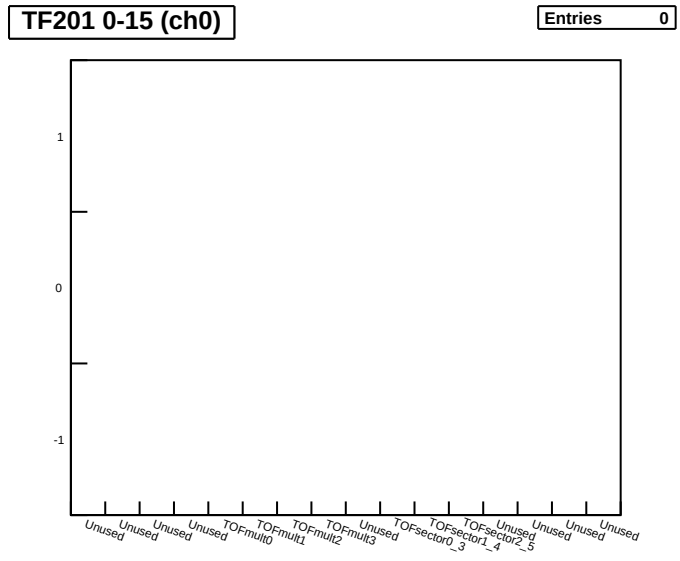

Entries 525262
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

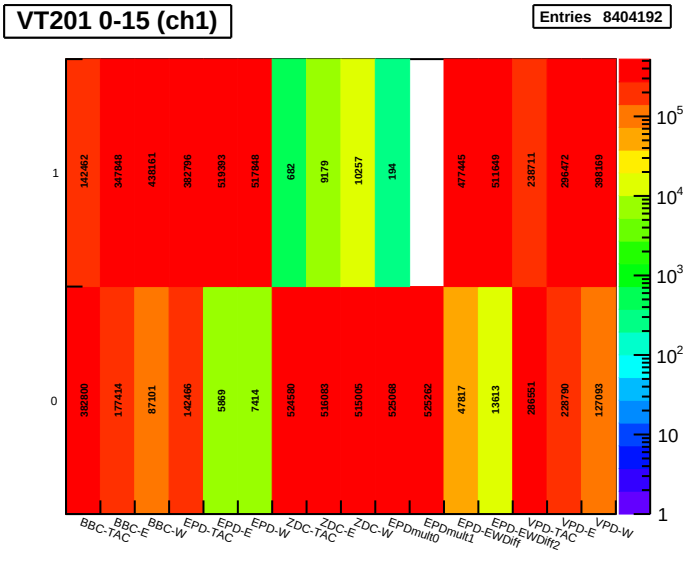

Entries 525262
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

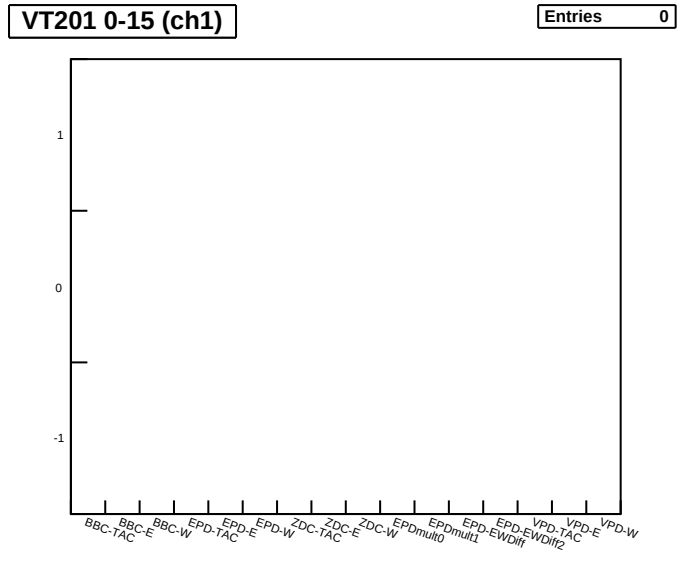

Laser Input Bits
Entries 525262
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

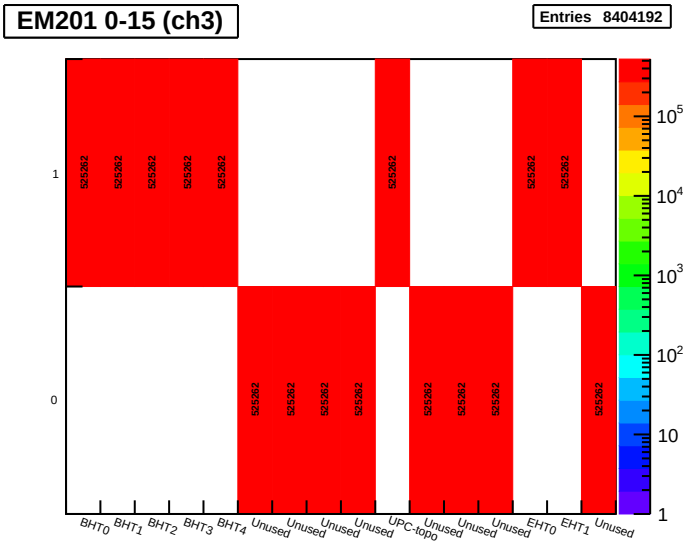

ST201 0-15 (ch6)
Entries 8404192
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525261
525252
1
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

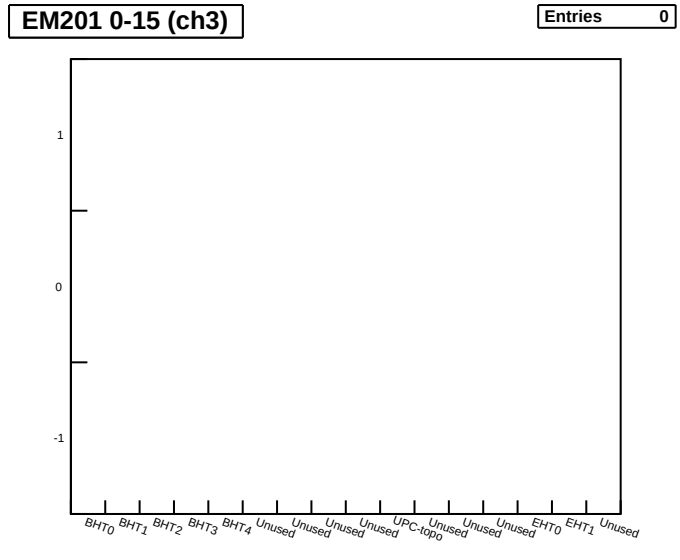

TF201 0-15 (ch0)
Entries 8404192
1
0
525262
519703
468459
452068
344755
434902
434910
430907
525262
525262
525262
525262
525262
525262
5559
56803
73194
180507
525262
90360
90352
94355
525262
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 8404192
1
0
142462
347848
438161
382796
519393
517848
682
9179
10257
194
477445
511649
238711
296472
398169
382800
177414
87101
142466
5869
7414
524580
516083
515005
525068
525262
47817
13613
286551
228790
127093
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 8404192
1
0
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
525262
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