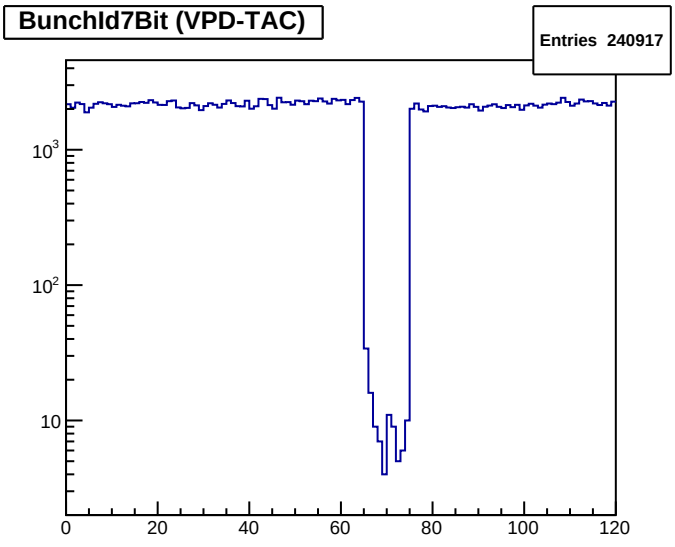
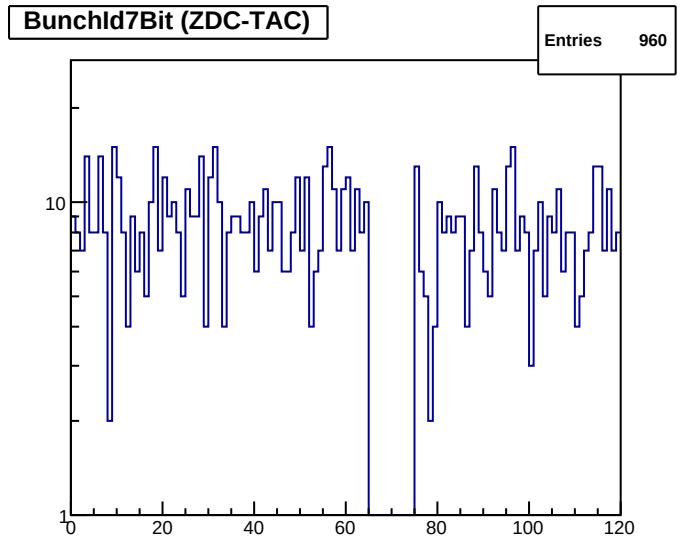
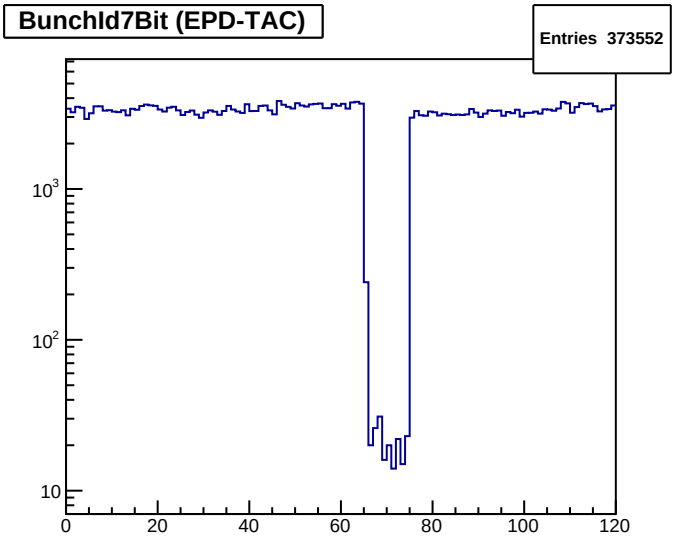
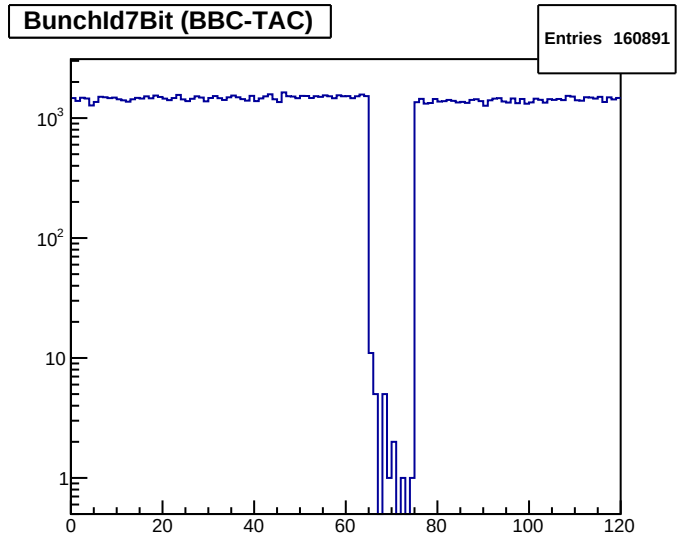
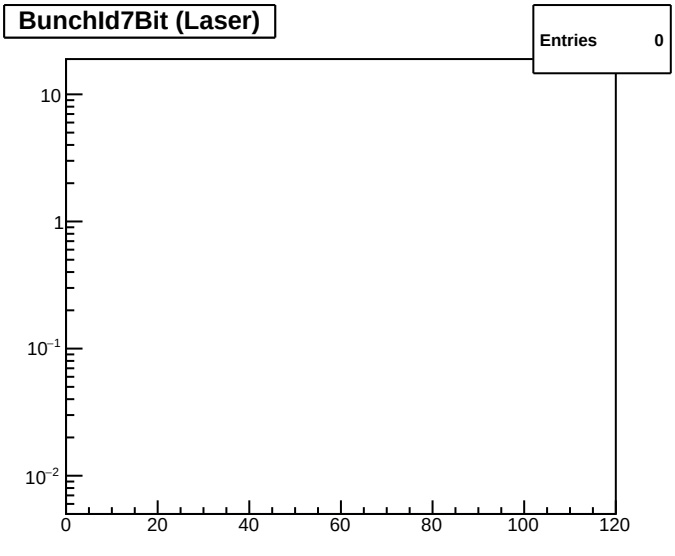
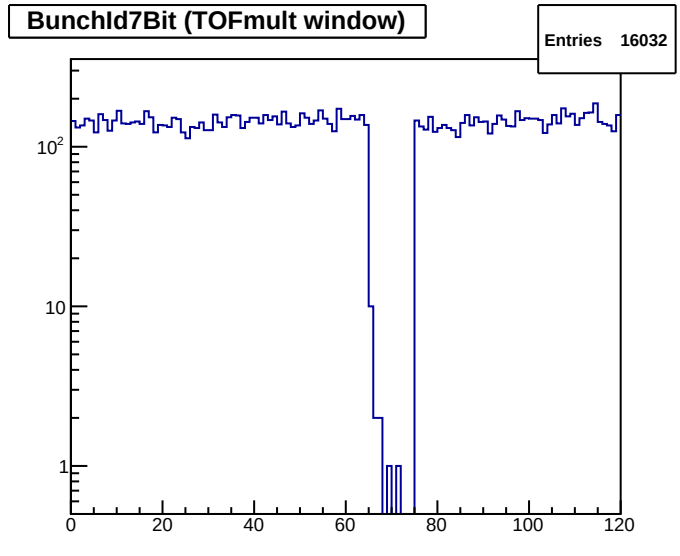

BunchId7Bit (VPD-TAC)
Entries 240917

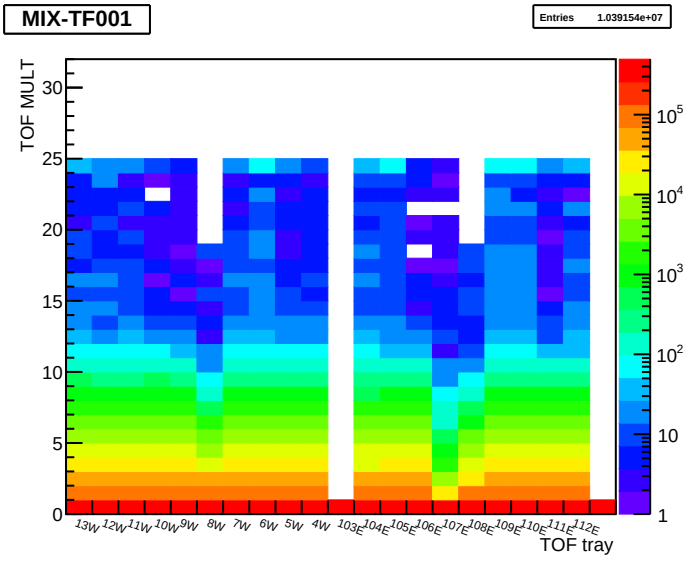

BunchId7Bit (ZDC-TAC)
Entries 960

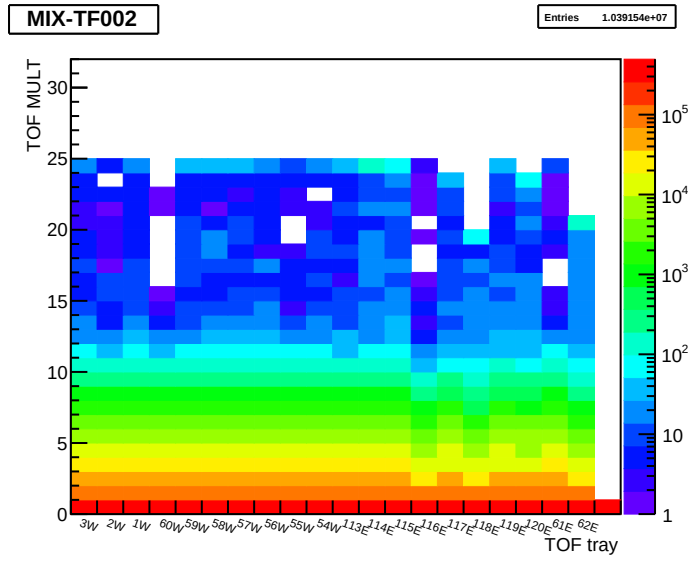

BunchId7Bit (EPD-TAC)
Entries 373552

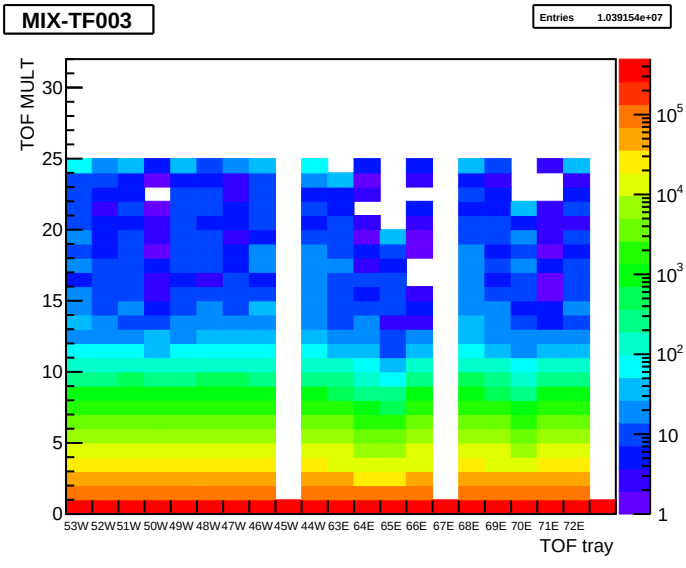

BunchId7Bit (BBC-TAC)
Entries 160891

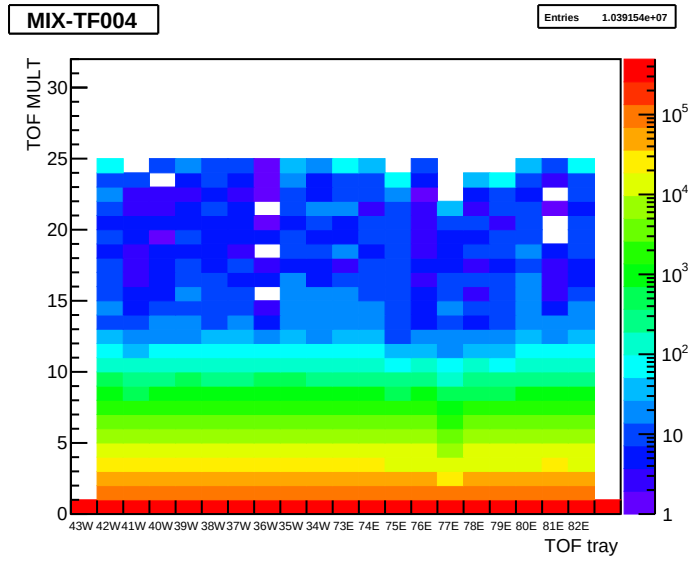

BunchId7Bit (Laser)
Entries 0

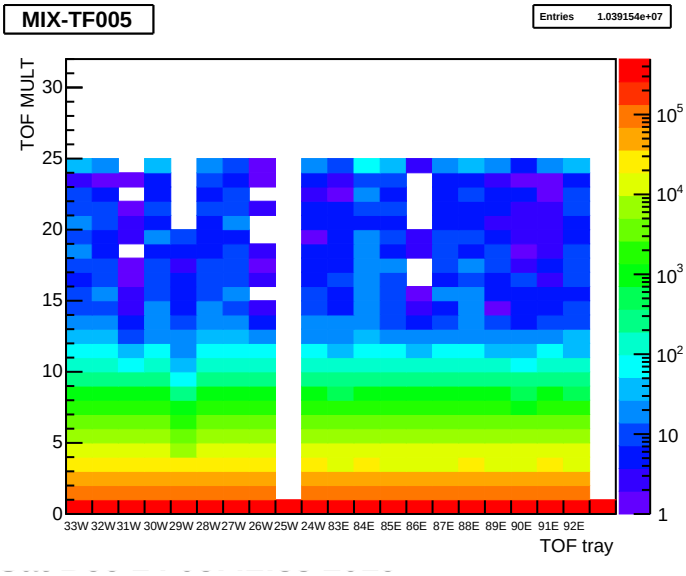

BunchId7Bit (TOFmult window)
Entries 16032

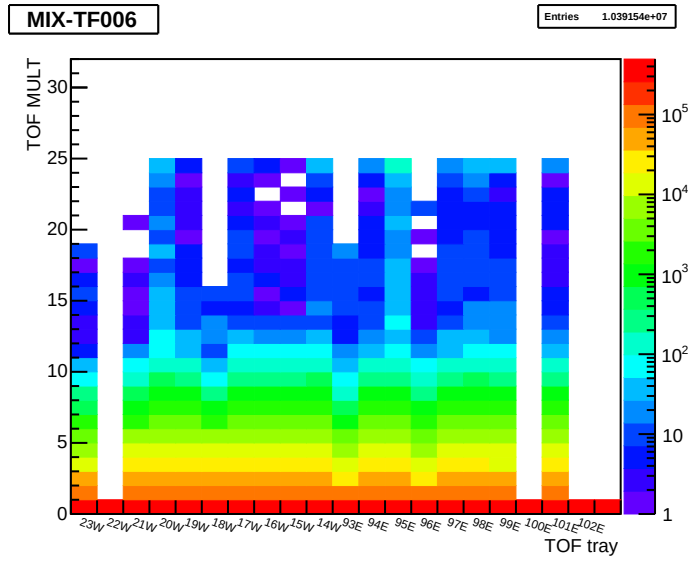

MIX-TF001
Entries 1.039154e+07
TOF MULT
TOF tray

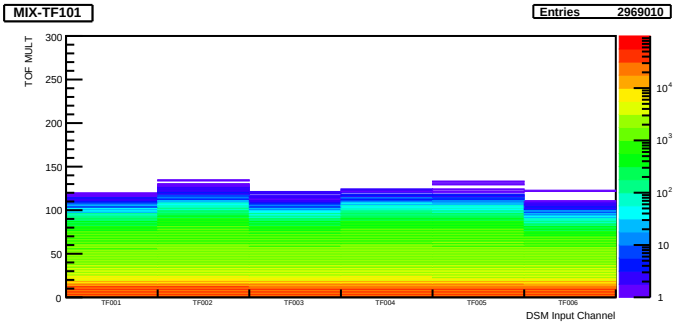

MIX-TF002
Entries 1.039154e+07
TOF MULT
TOF tray

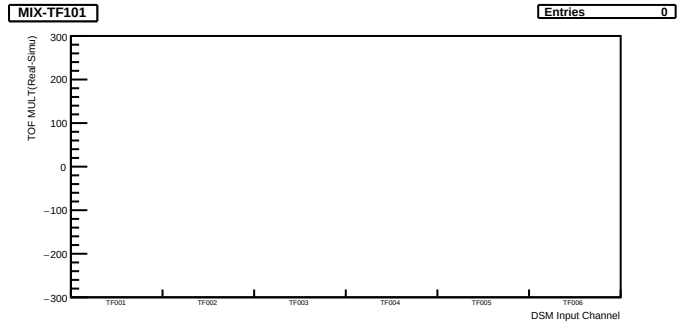

MIX-TF003
Entries 1.039154e+07
TOF MULT
TOF tray

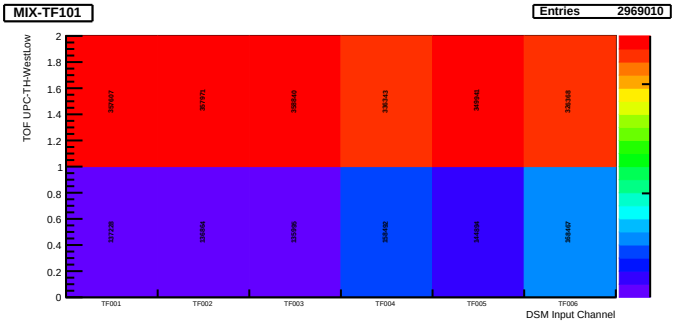

MIX-TF004
Entries 1.039154e+07
TOF MULT
TOF tray

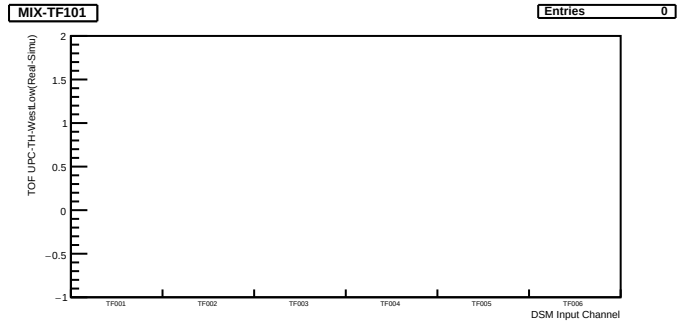

MIX-TF005
Entries 1.039154e+07
TOF MULT
TOF tray

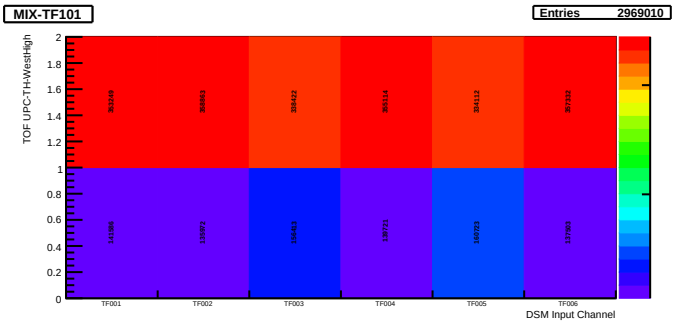

MIX-TF006
Entries 1.039154e+07
TOF MULT
TOF tray

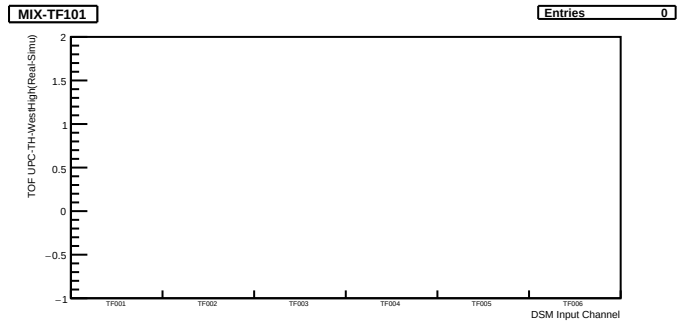

MIX-TF101
Entries 2969010
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

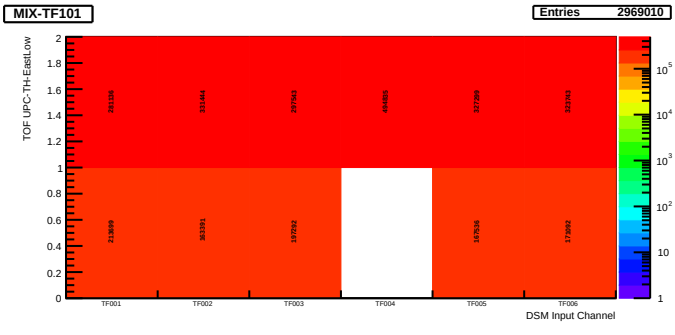

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

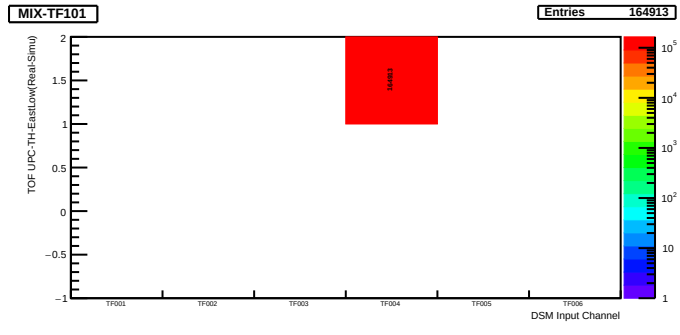

MIX-TF101
Entries 2969010
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

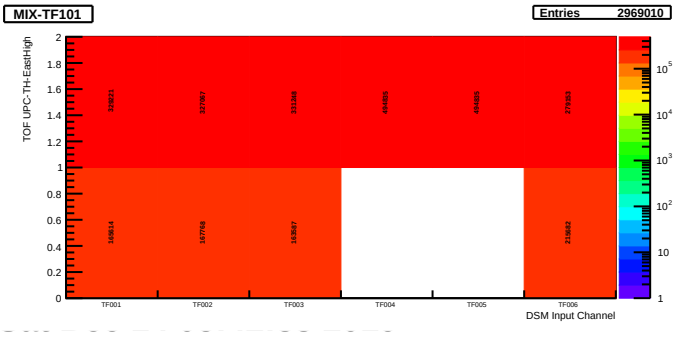

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

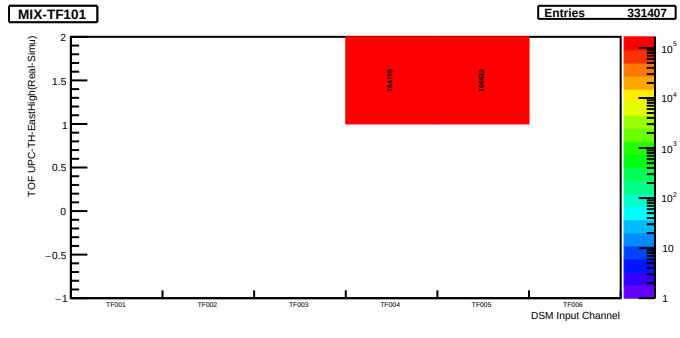

MIX-TF101
Entries 2969010
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

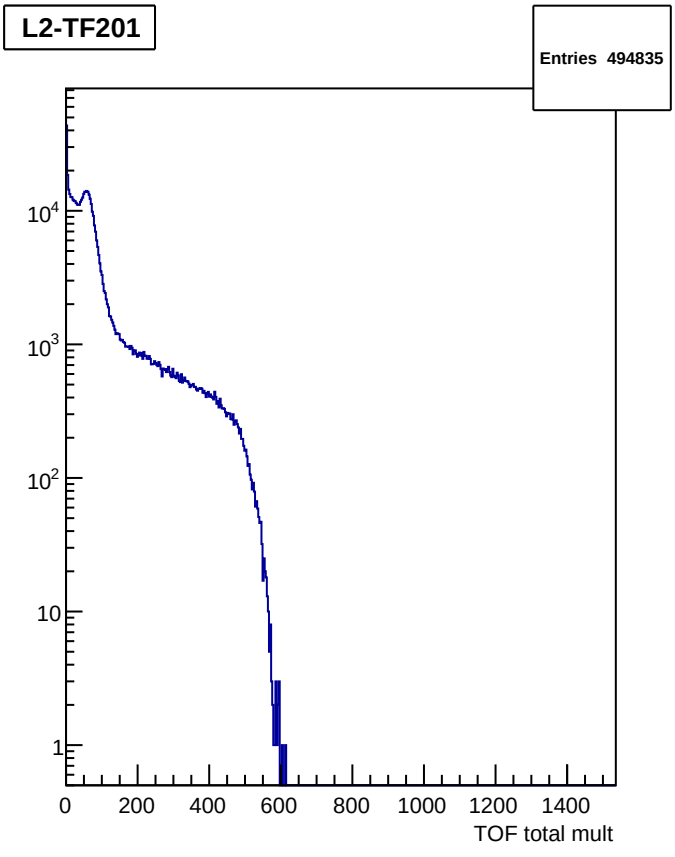

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

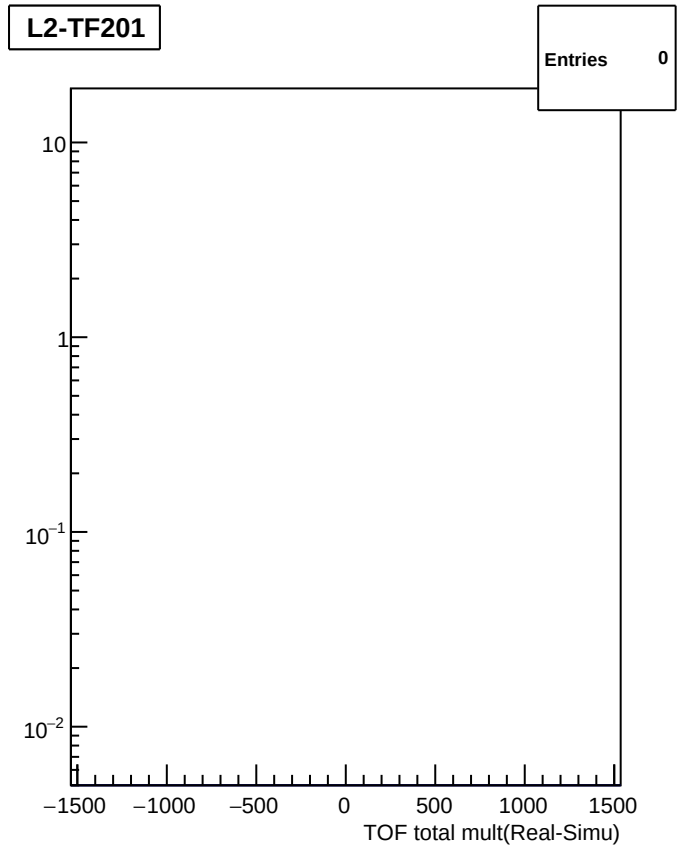

MIX-TF101
Entries 2969010
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

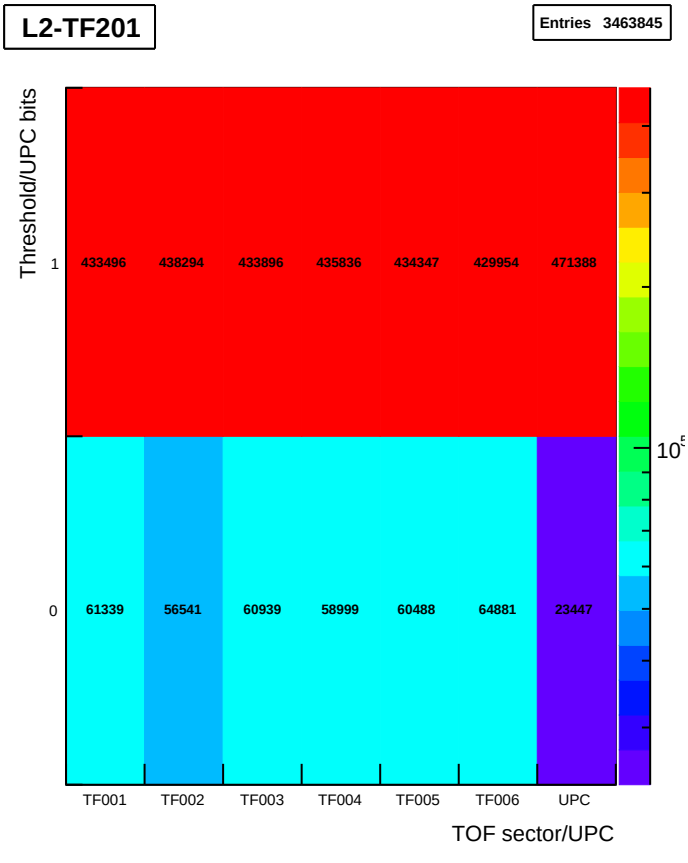

MIX-TF101
Entries 164913
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

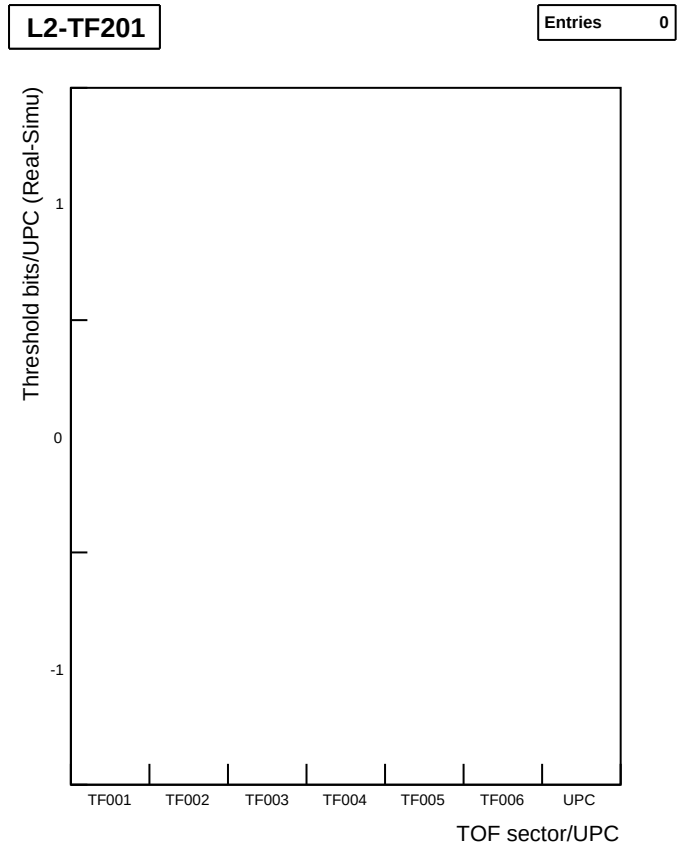

MIX-TF101
Entries 2969010
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

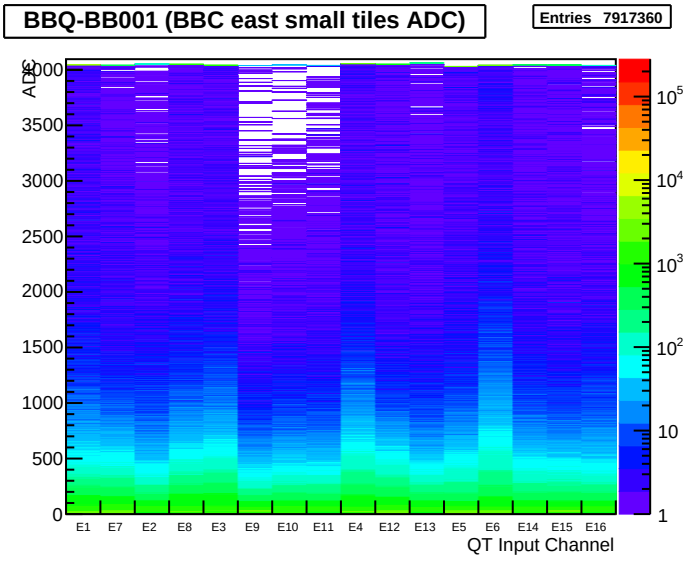

MIX-TF101
Entries 331407
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

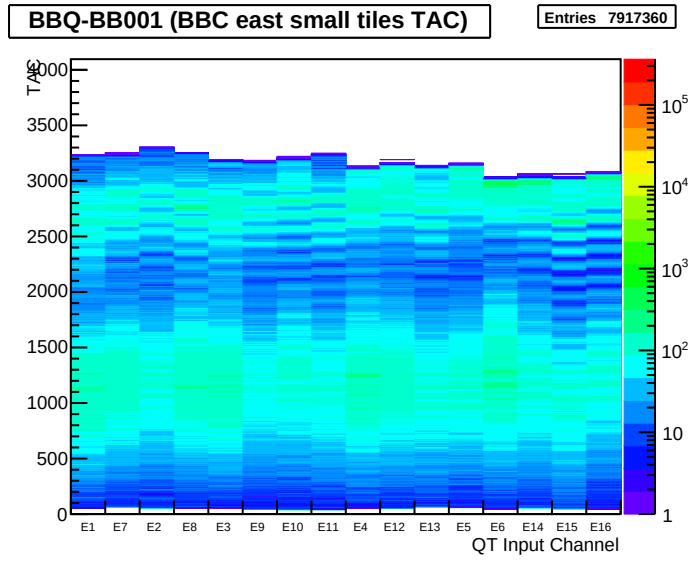

L2-TF201
Entries 494835
TOF total mult

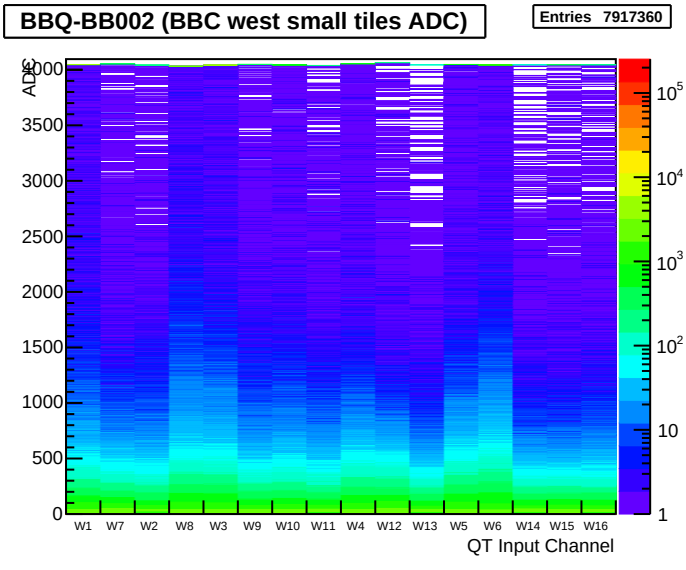

L2-TF201
Entries 0
TOF total mult(Real-Simu)

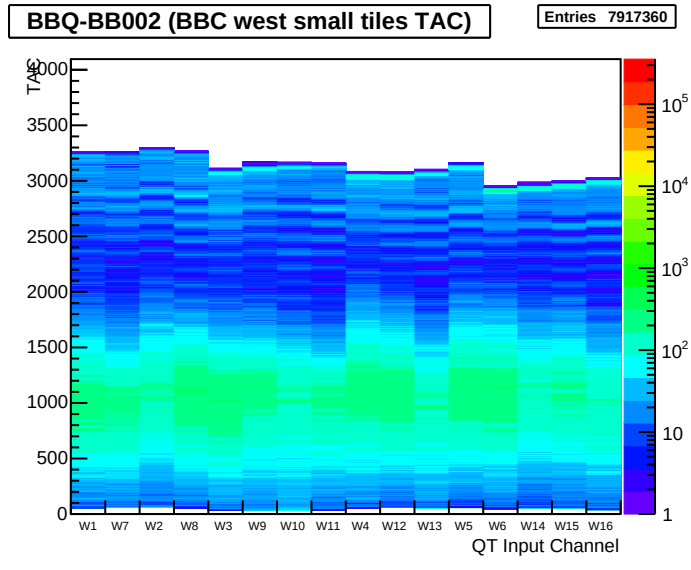

L2-TF201
Entries 3463845
Threshold/UPC bits
433496
438294
433896
435836
434347
429954
471388
61339
56541
60939
58999
60488
64881
23447
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

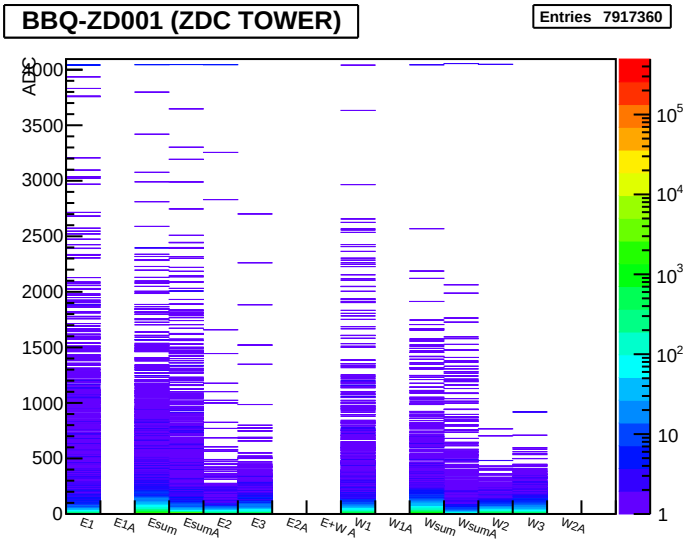

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

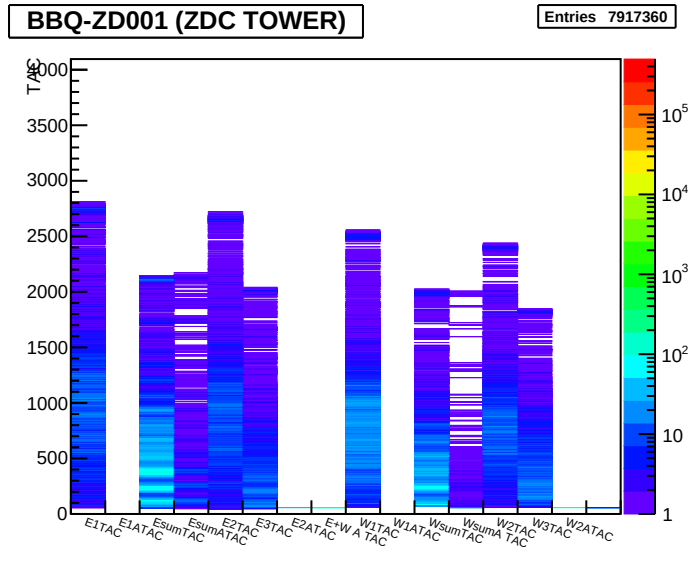

BBQ-BB001 (BBC east small tiles ADC)
Entries 7917360
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

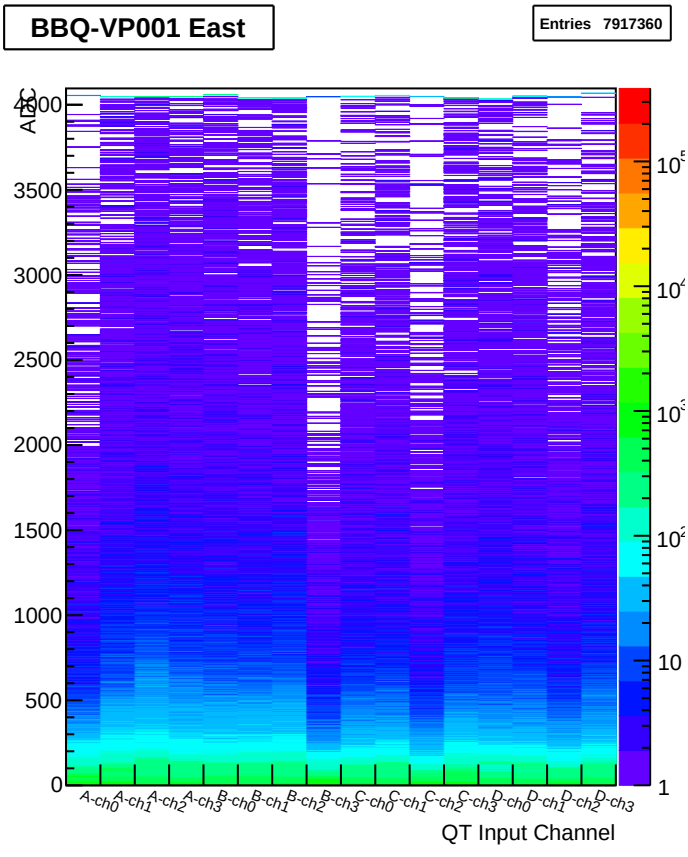

BBQ-BB001 (BBC east small tiles TAC)
Entries 7917360
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

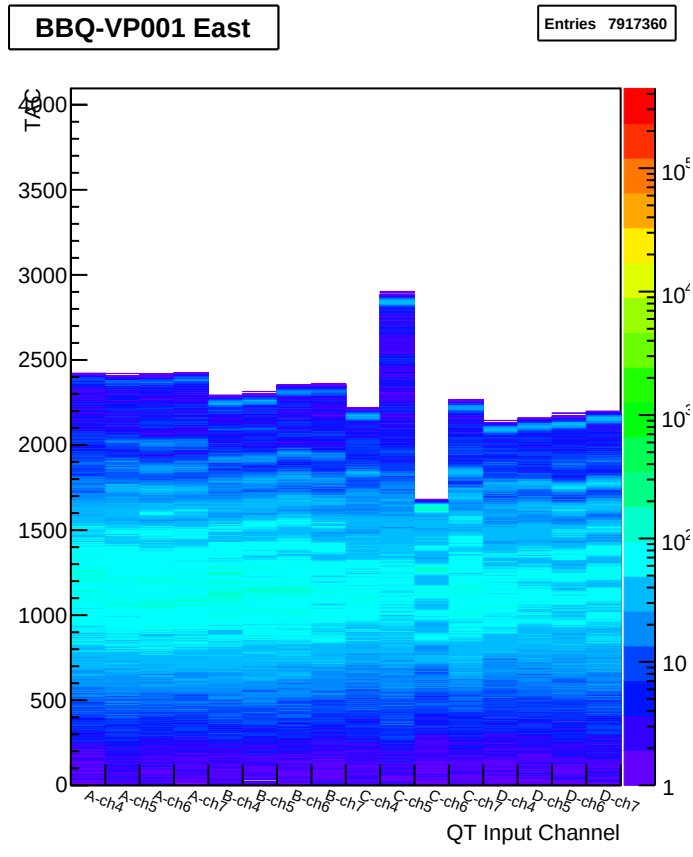

BBQ-BB002 (BBC west small tiles ADC)
Entries 7917360
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

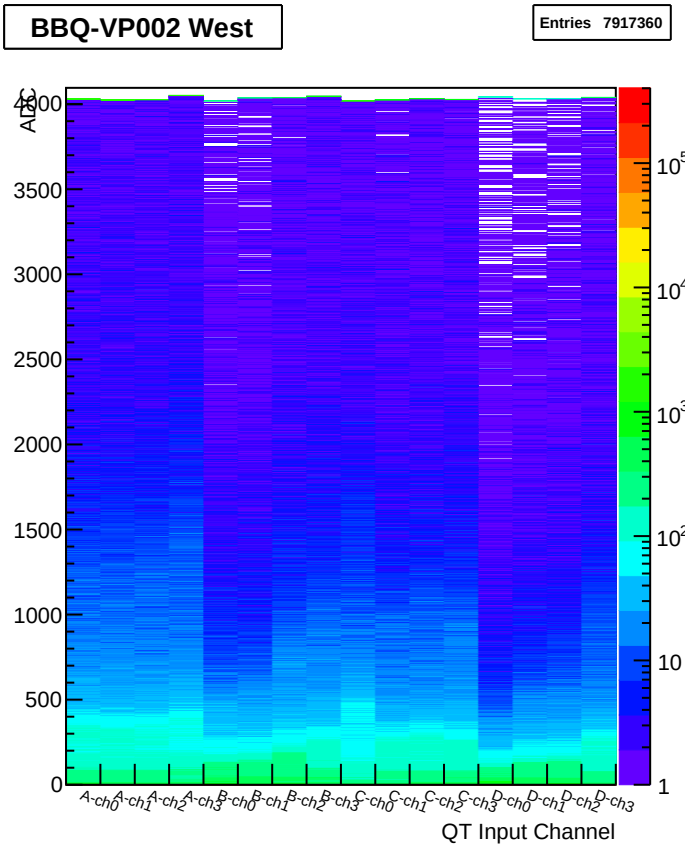

BBQ-BB002 (BBC west small tiles TAC)
Entries 7917360
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

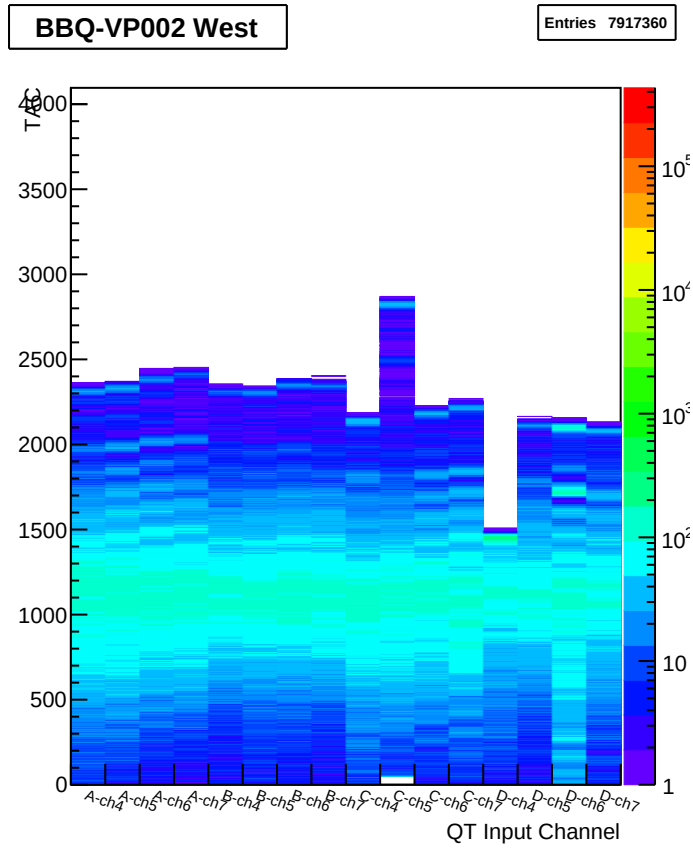

BBQ-ZD001 (ZDC TOWER)
Entries 7917360
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

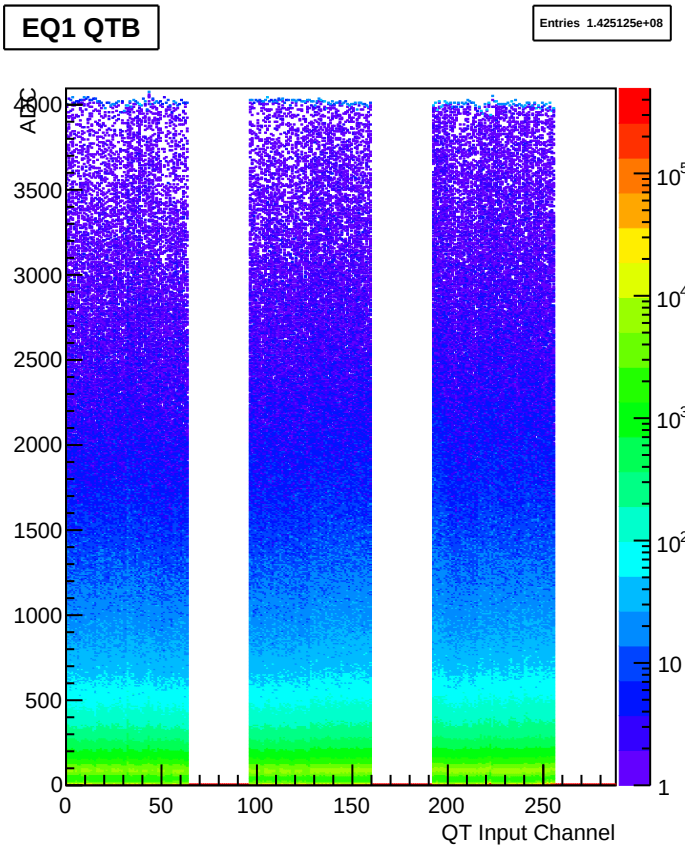

BBQ-ZD001 (ZDC TOWER)
Entries 7917360
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

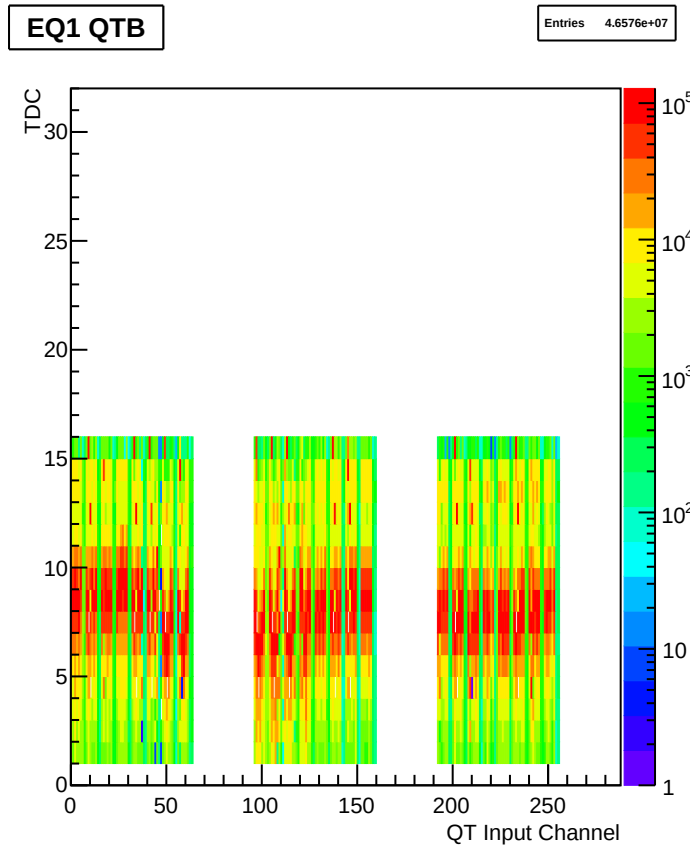

BBQ-VP001 East
Entries 7917360
ADC
QT Input Channel

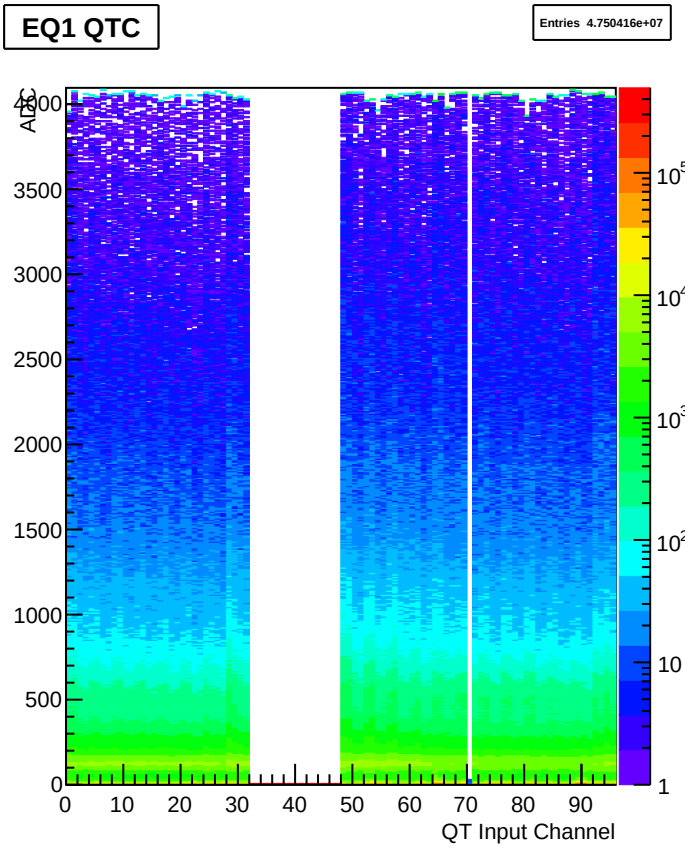

BBQ-VP001 East
Entries 7917360
TADC
QT Input Channel

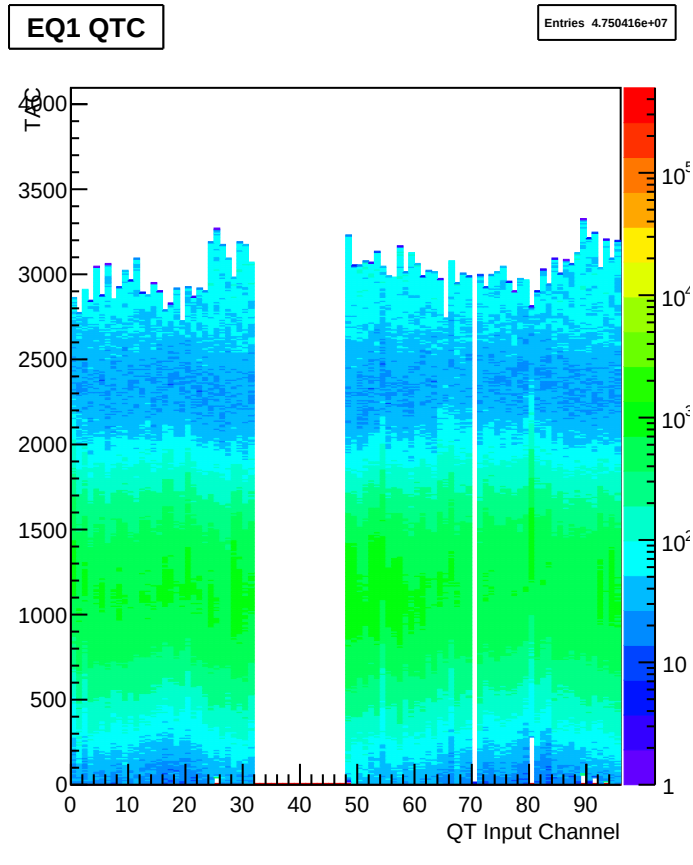

BBQ-VP002 West
Entries 7917360
ADC
QT Input Channel

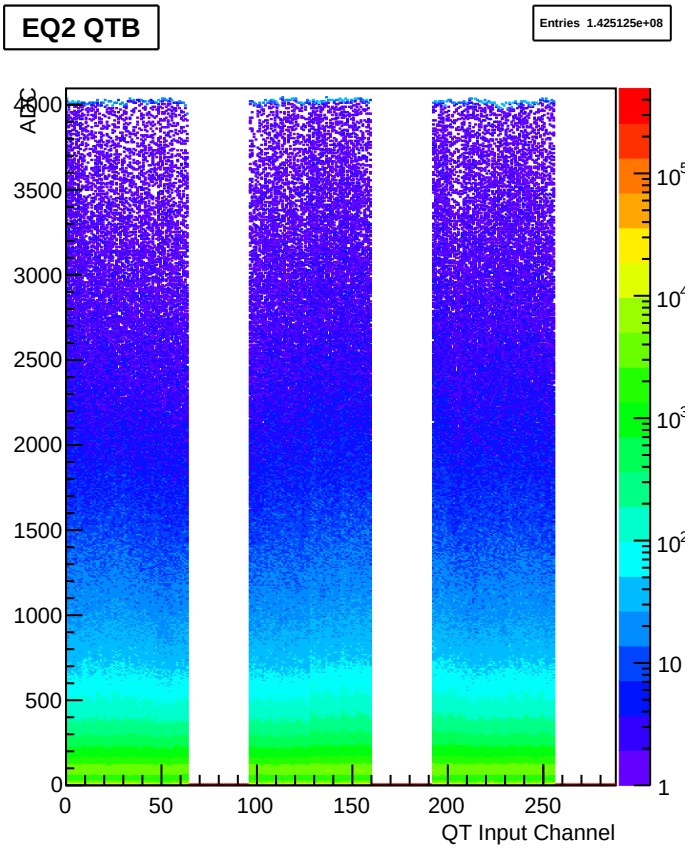

BBQ-VP002 West
Entries 7917360
TADC
QT Input Channel

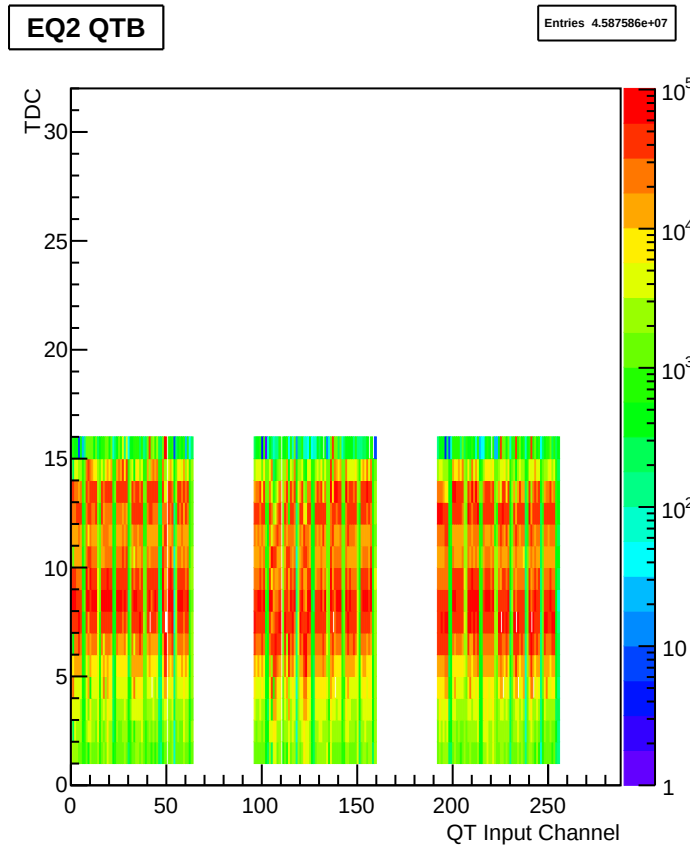

EQ1 QTB
Entries 1.425125e+08
ADC
QT Input Channel

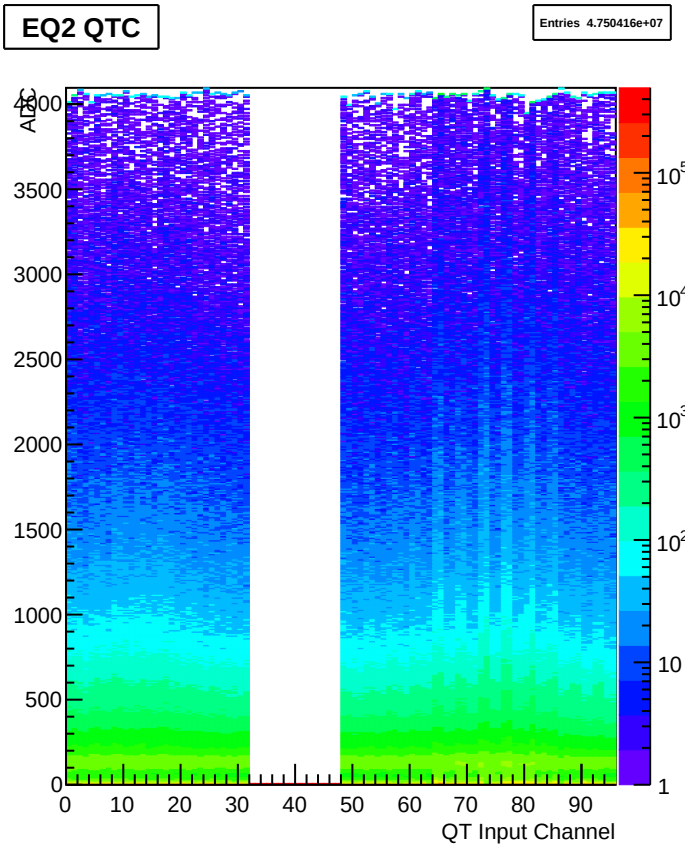

EQ1 QTB
Entries 4.6576e+07
TDC
QT Input Channel

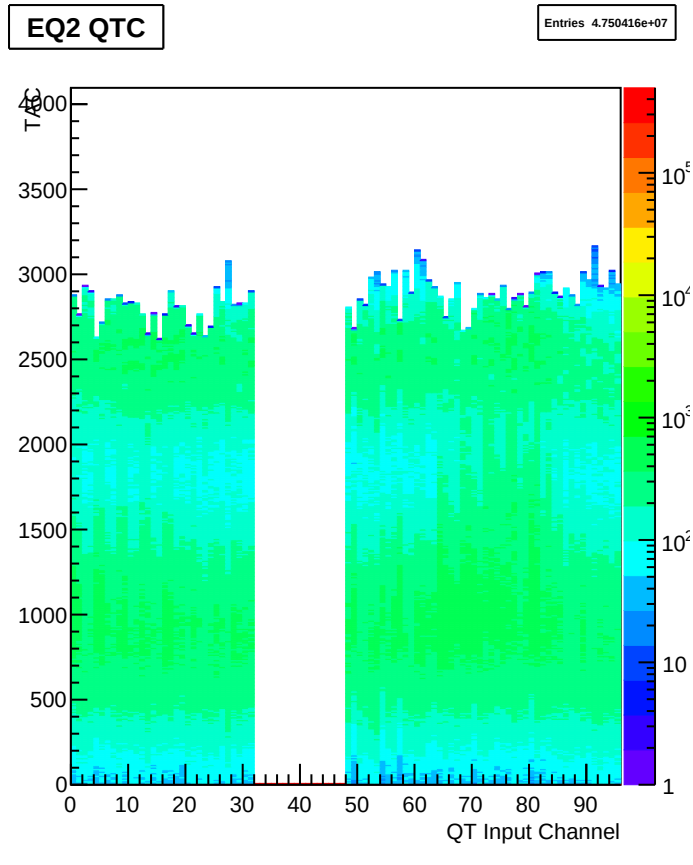

EQ1 QTC
Entries 4.750416e+07
ADC
QT Input Channel

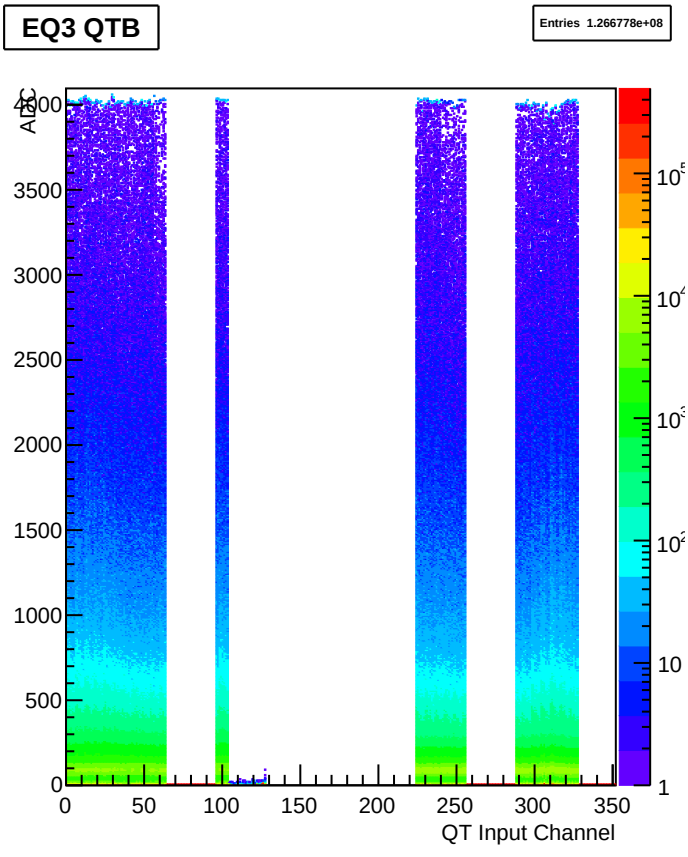

EQ1 QTC
Entries 4.750416e+07
TADC
QT Input Channel

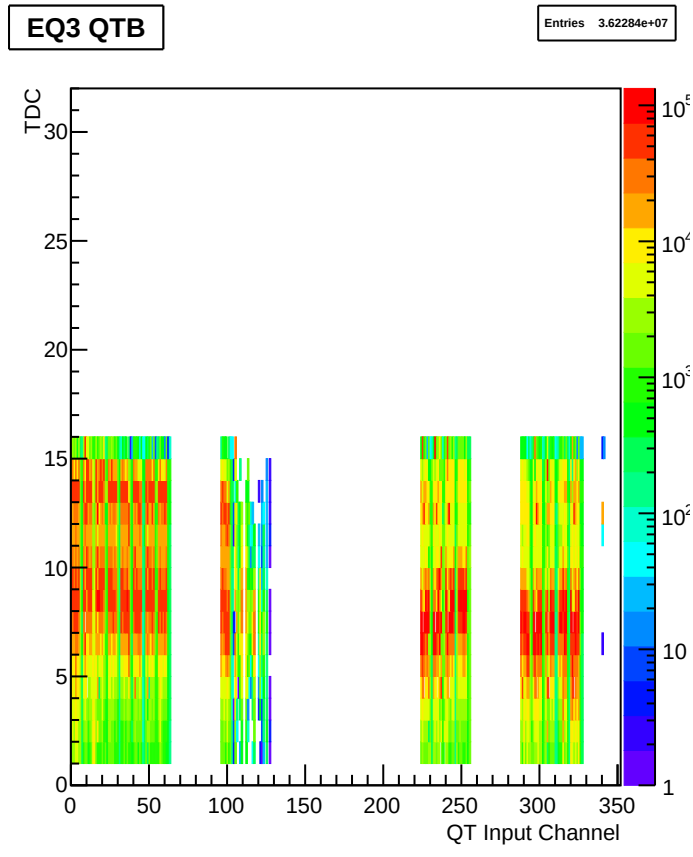

EQ2 QTB
Entries 1.425125e+08
ADC
QT Input Channel

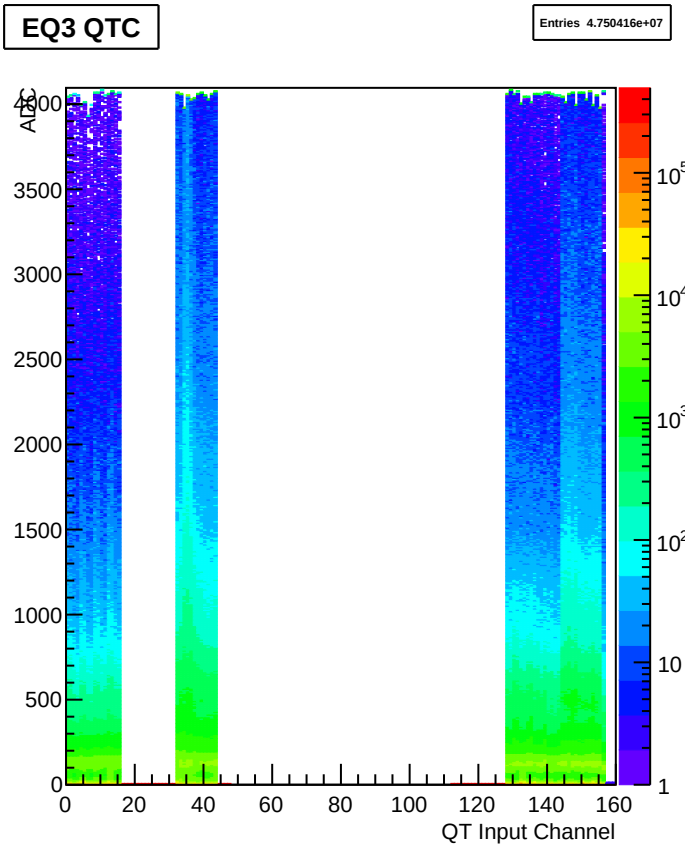

EQ2 QTB
Entries 4.587586e+07
TDC
QT Input Channel

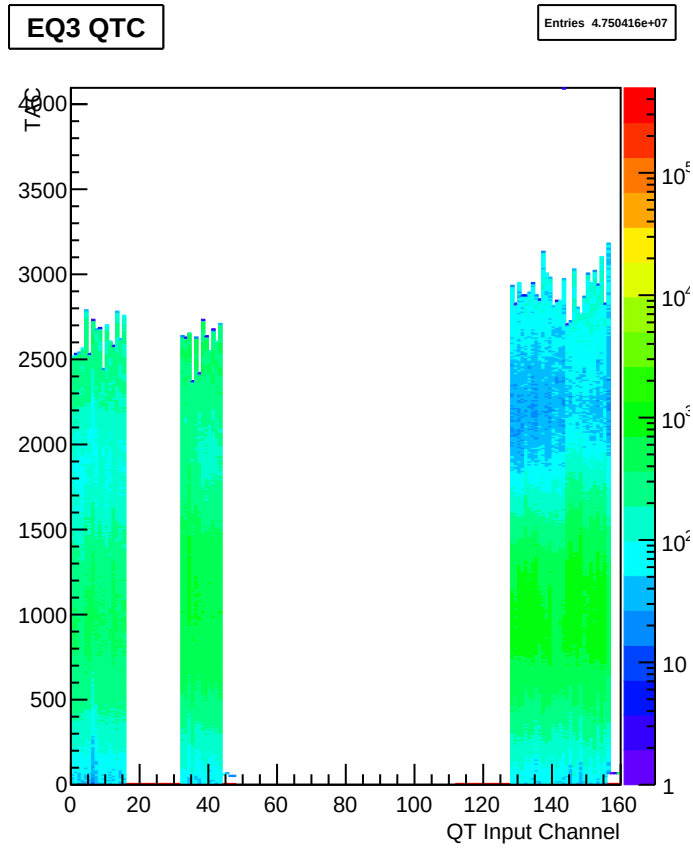

EQ2 QTC
Entries 4.750416e+07
ADC
QT Input Channel

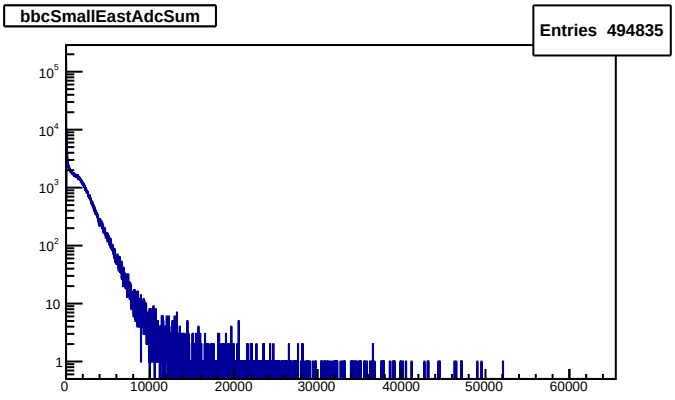

EQ2 QTC
Entries 4.750416e+07
TADC
QT Input Channel

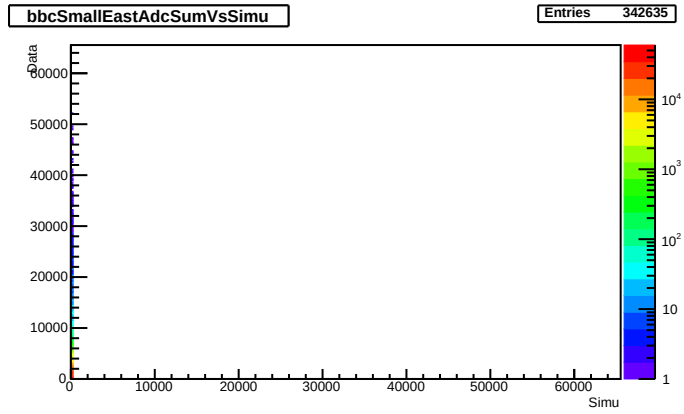

EQ3 QTB
Entries 1.266778e+08
ADC
QT Input Channel

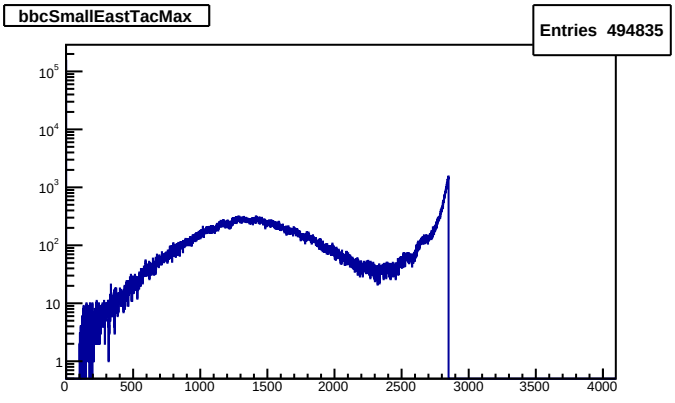

EQ3 QTB
Entries 3.62284e+07
TDC
QT Input Channel

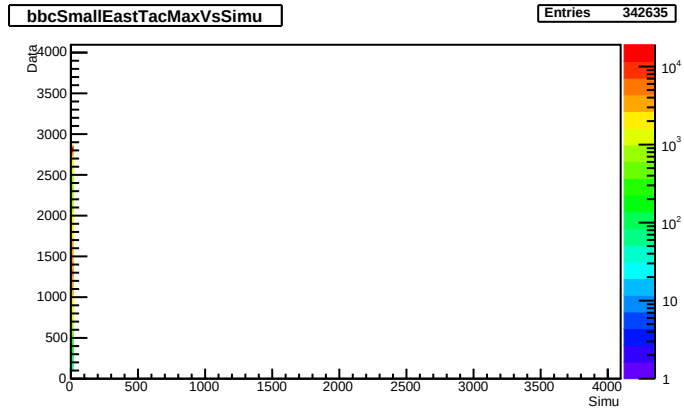

EQ3 QTC
Entries 4.750416e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.750416e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 494835


bbcSmallEastAdcSumVsSimu
Entries 342635
Data
Simu


bbcSmallEastTacMax
Entries 494835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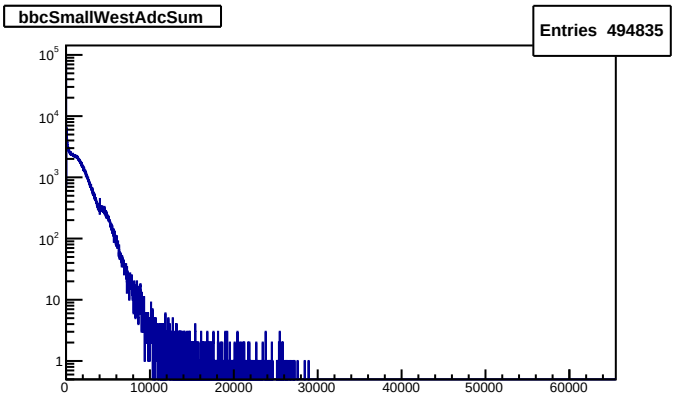
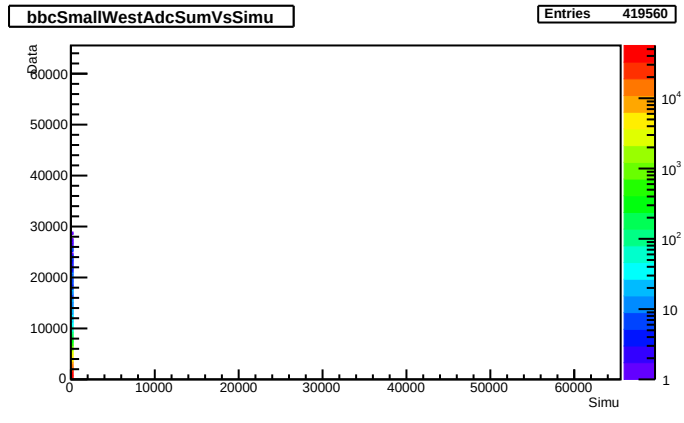
Entries 342635
Data
Simu


bbcSmallWestAdcSum
Entries 494835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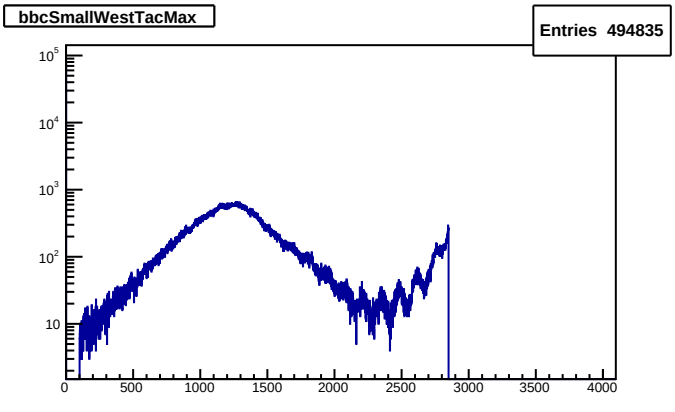
Entries 419560
Data
Simu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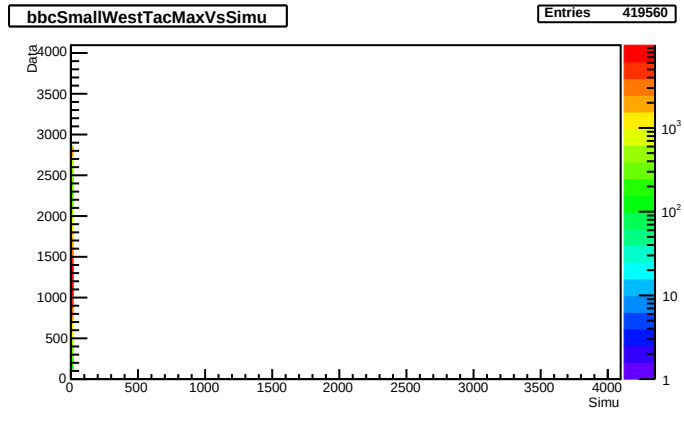
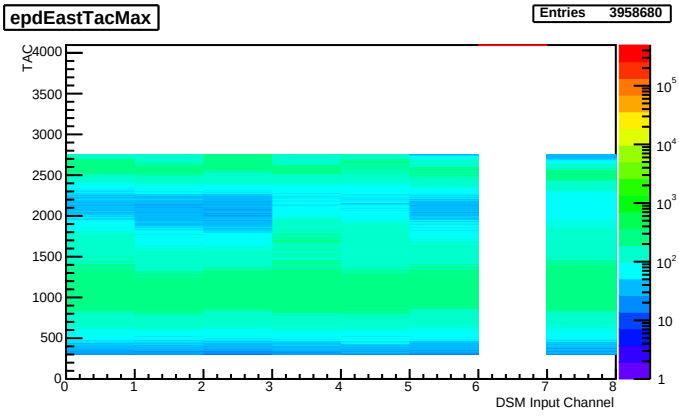
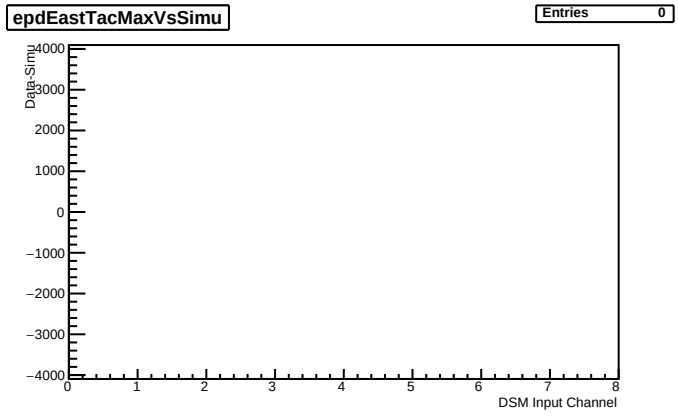
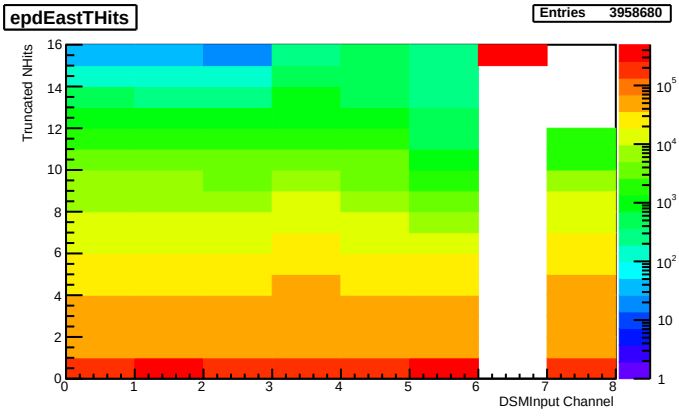
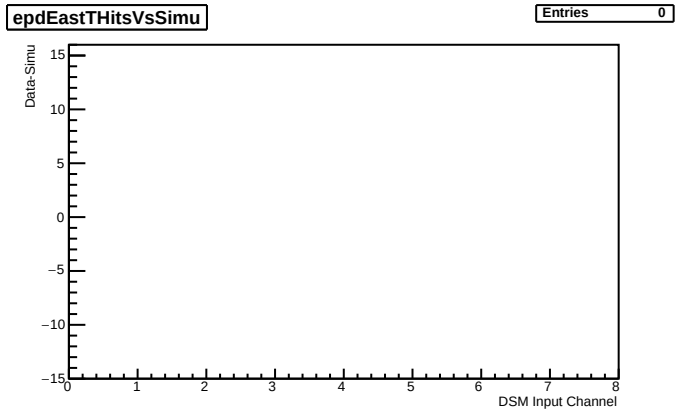
Entries 494835


bbcSmallWestTacMaxVsSimu
Entries 419560
Data
Simu


epdEastTacMax
Entries 3958680
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3958680
Truncated NHits
DSMInput Channel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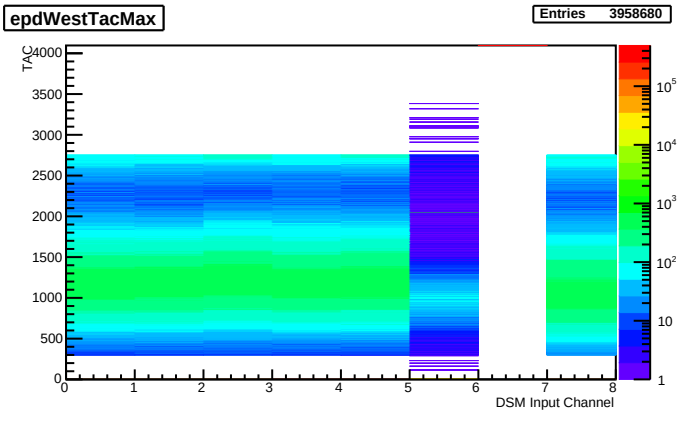
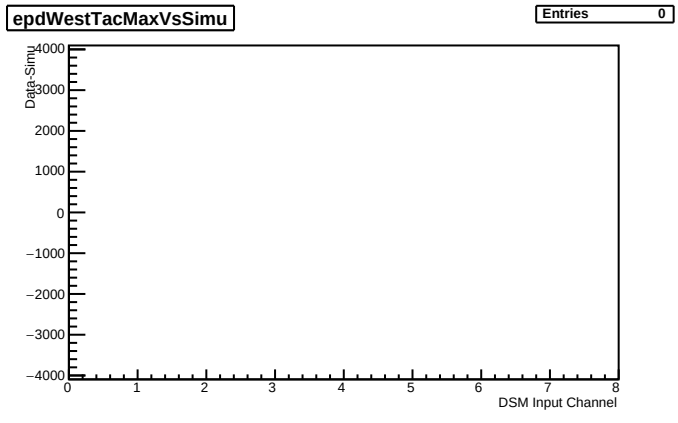
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3958680
TAC
DSM Input Channel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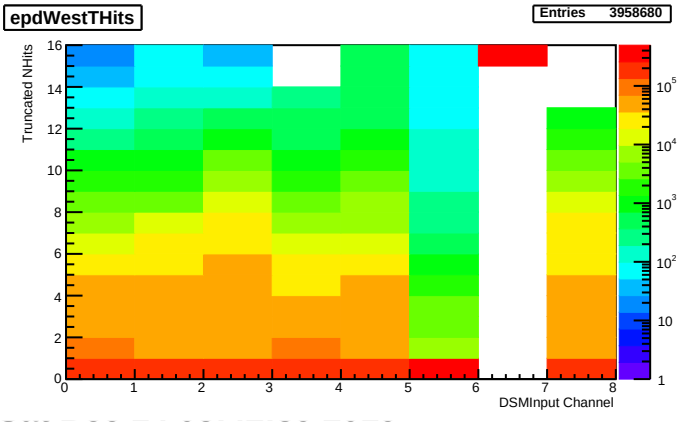
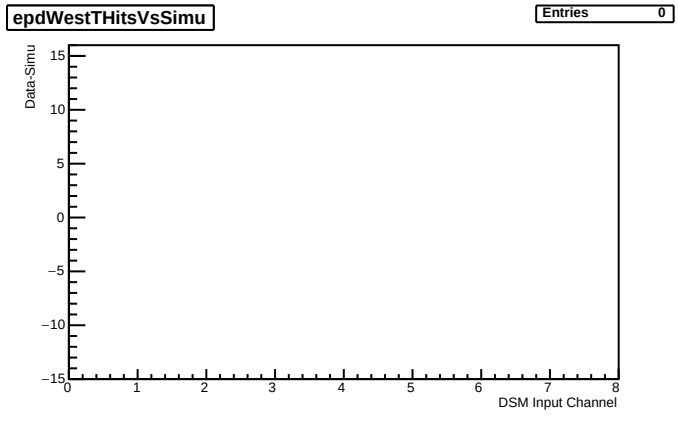
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3958680
Truncated NHits
DSMInput Channel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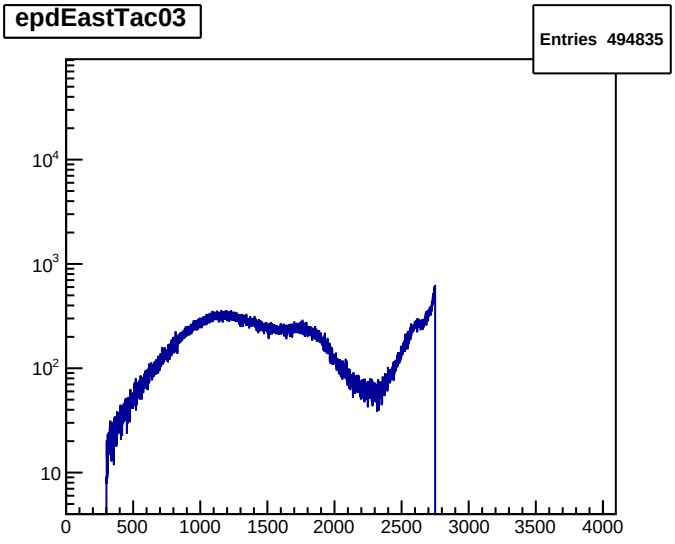
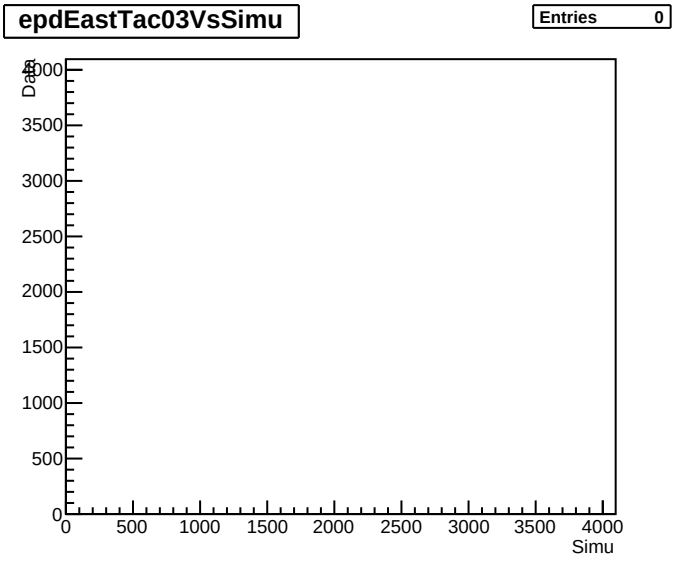
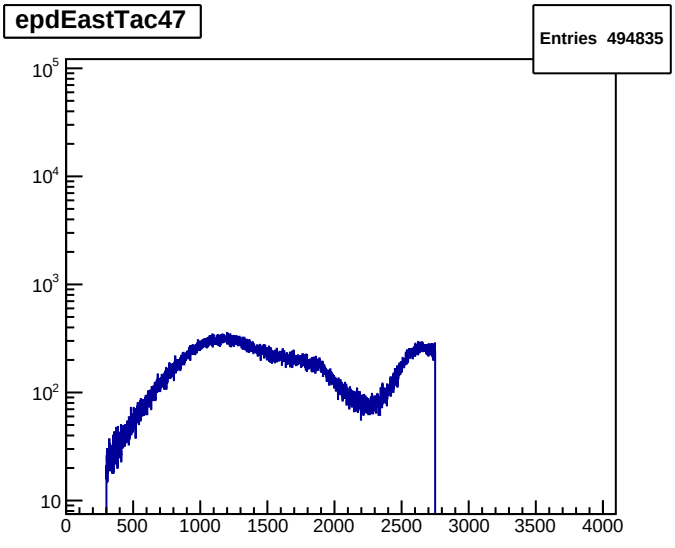
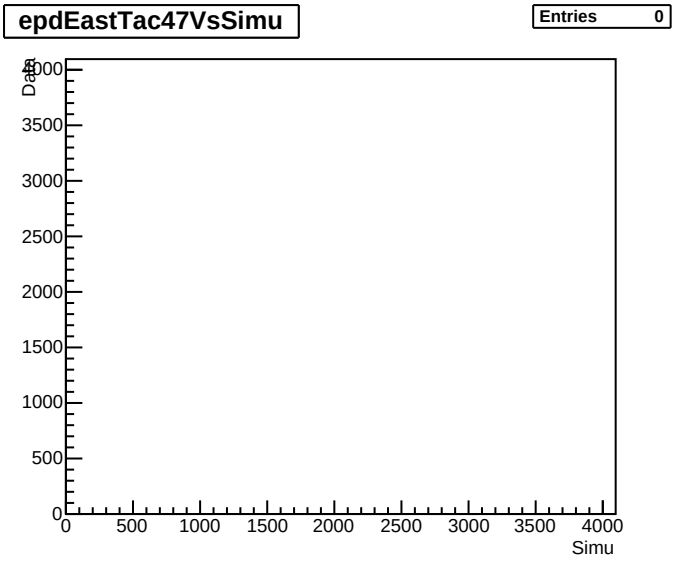
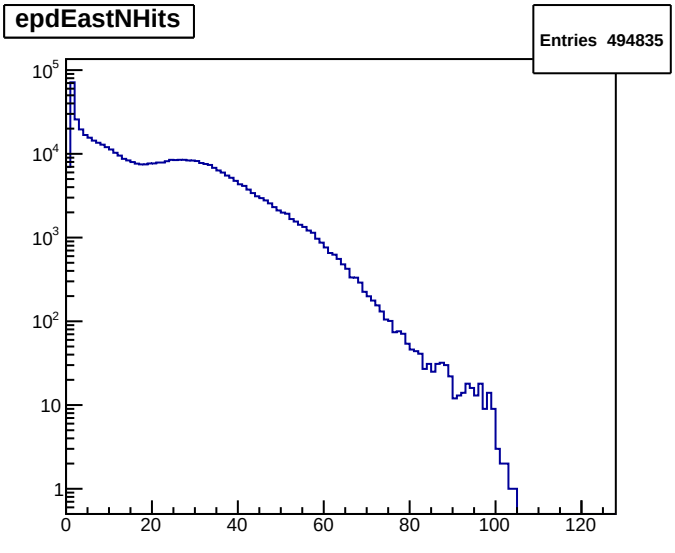
Entries 0
Data-Simu
DSM Input Channel

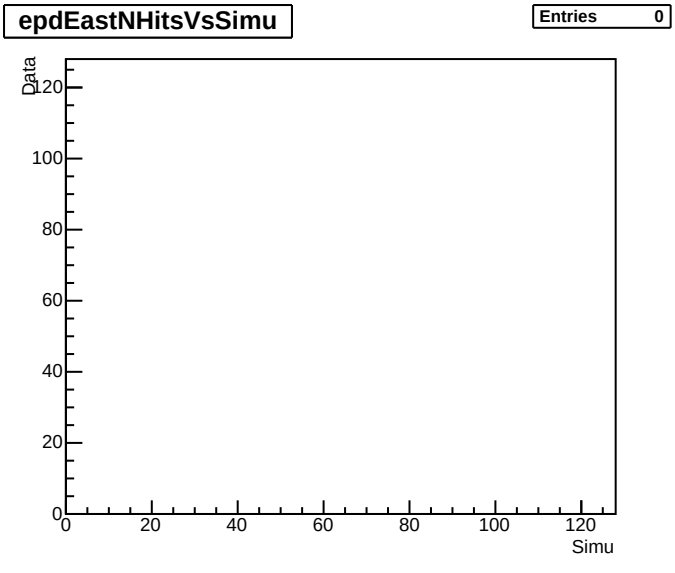

epdEastTac03
Entries 494835


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 494835


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 494835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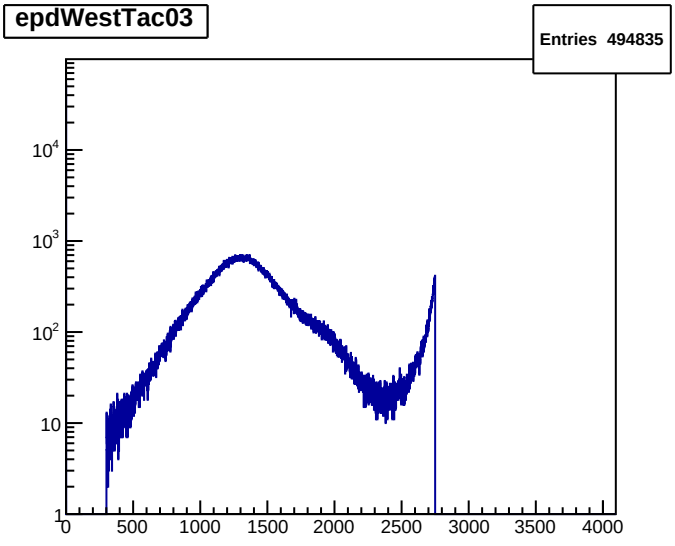
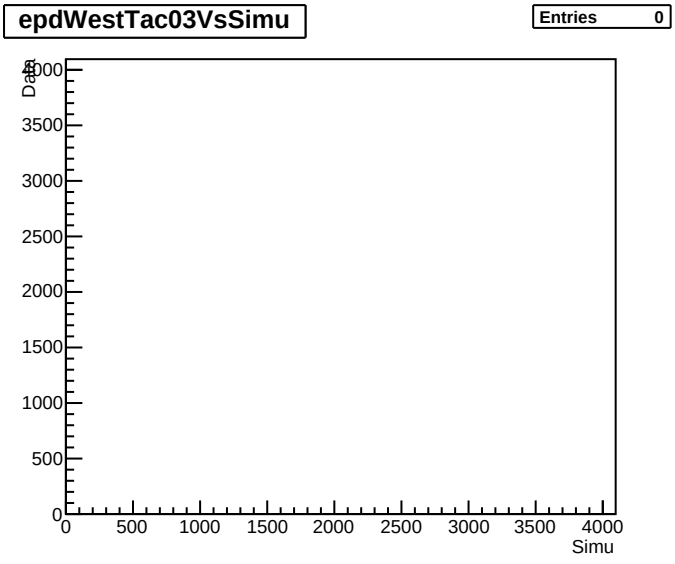
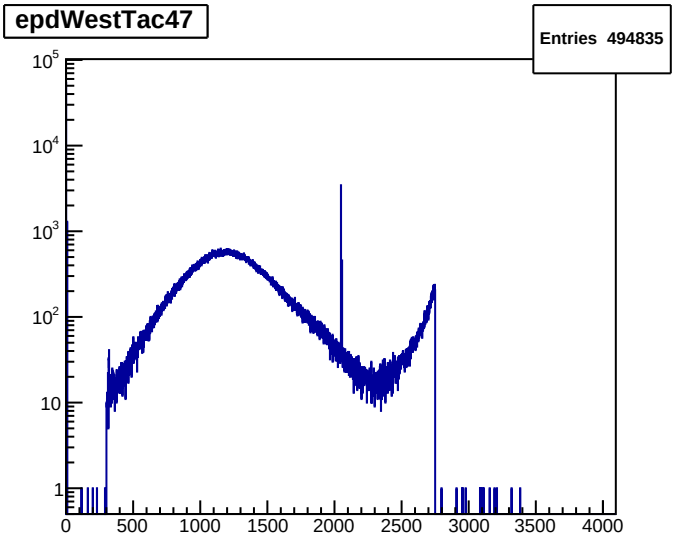
Entries 0
Data
Simu


epdWestTac03
Entries 494835


epdWestTac03VsSimu
Entries 0
Data
Simu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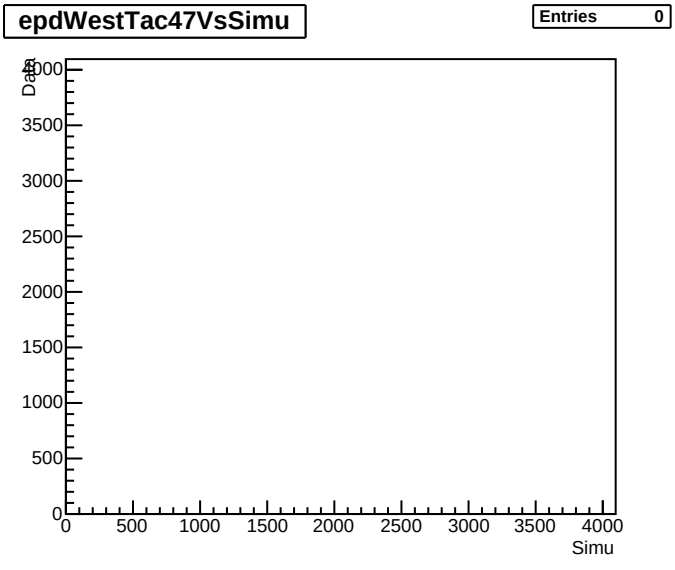
Entries 494835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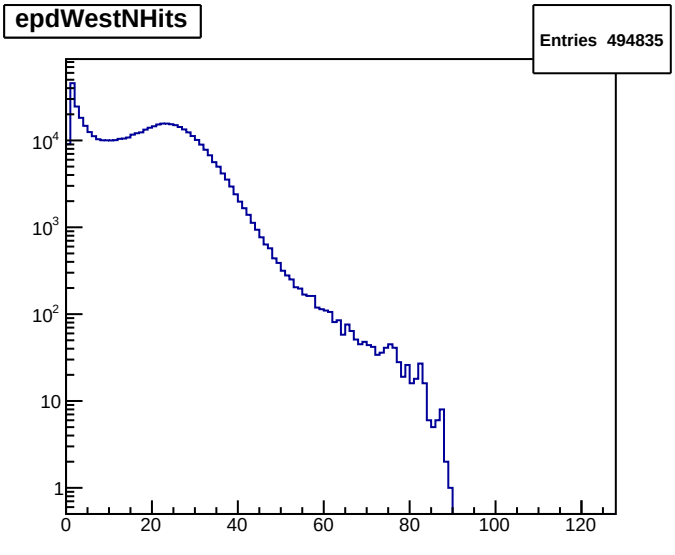
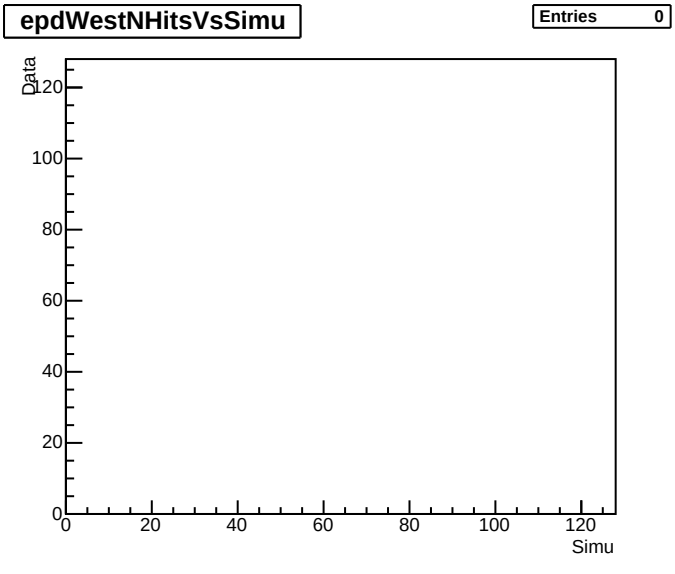
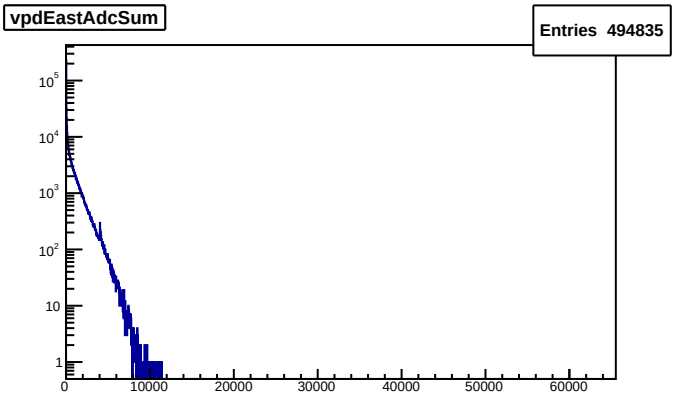
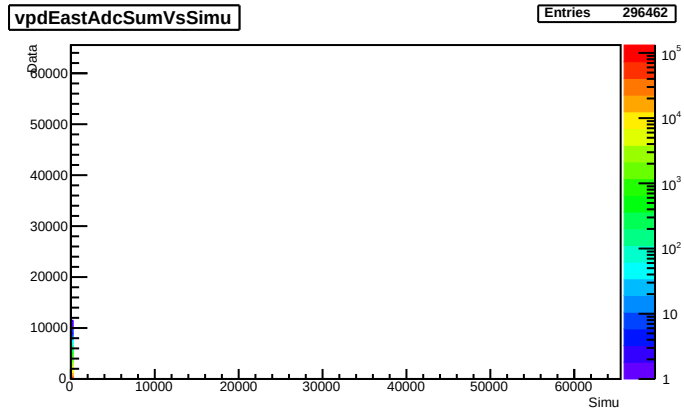
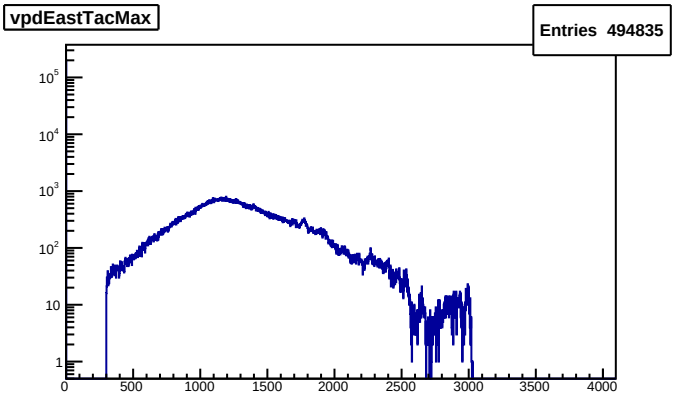
Entries 0
Data
Simu

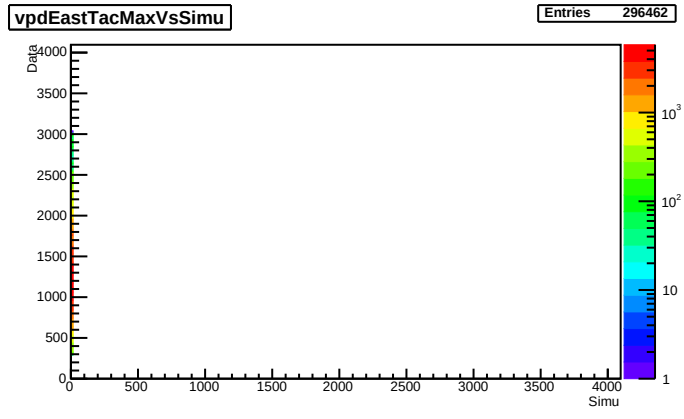

epdWestNHits
Entries 494835

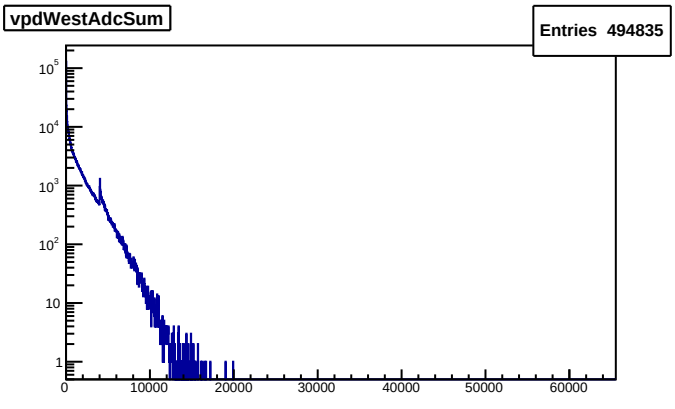

epdWestNHitsVsSimu
Entries 0
Data
Simu

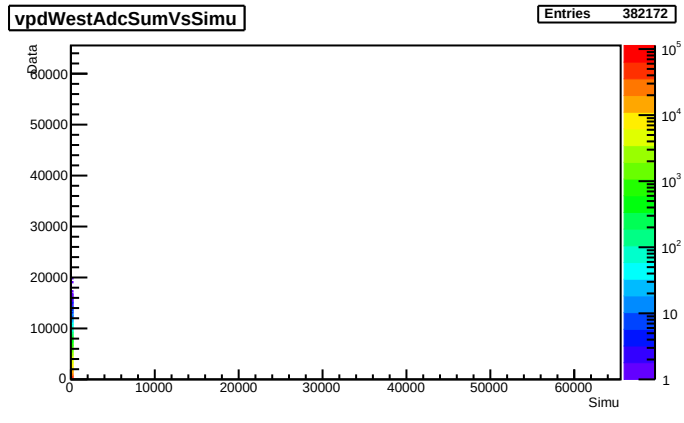

vpdEastAdcSum
Entries 494835

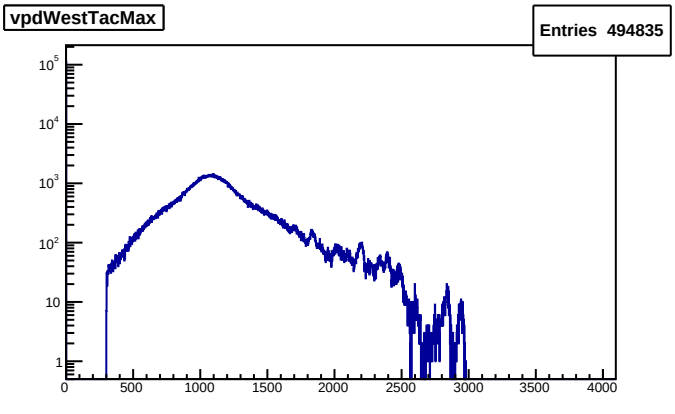

vpdEastAdcSumVsSimu
Entries 296462
Data
Simu

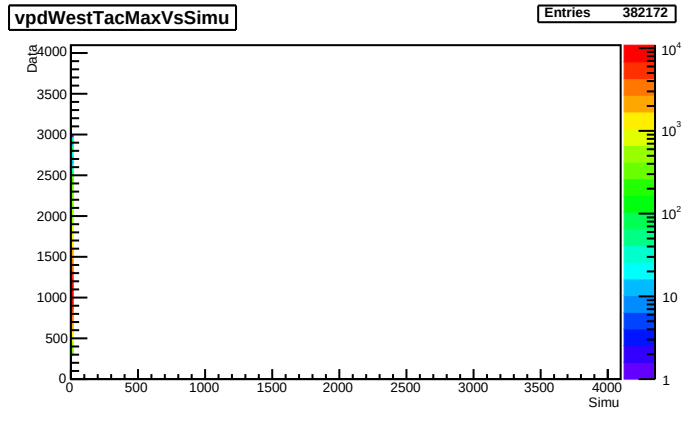

vpdEastTacMax
Entries 494835

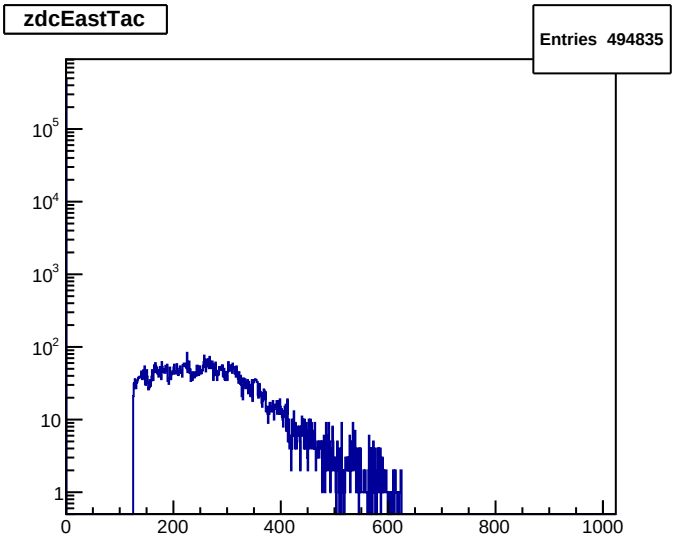

vpdEastTacMaxVsSimu
Entries 296462
Data
Simu

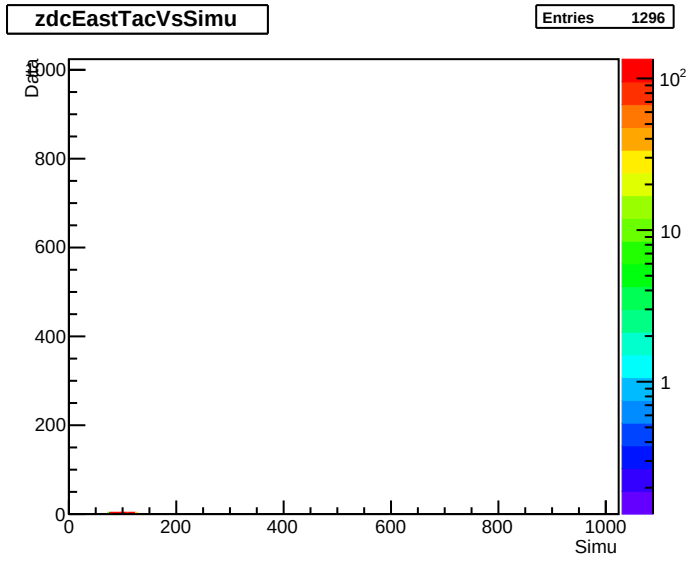

vpdWestAdcSum
Entries 494835

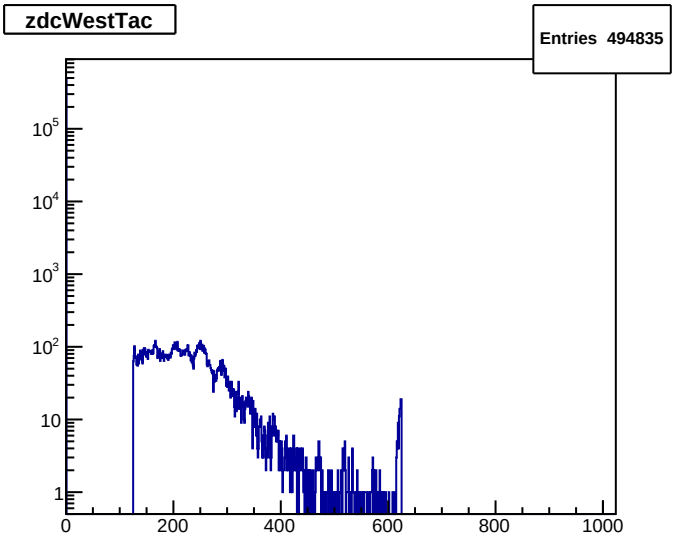

vpdWestAdcSumVsSimu
Entries 382172
Data
Simu

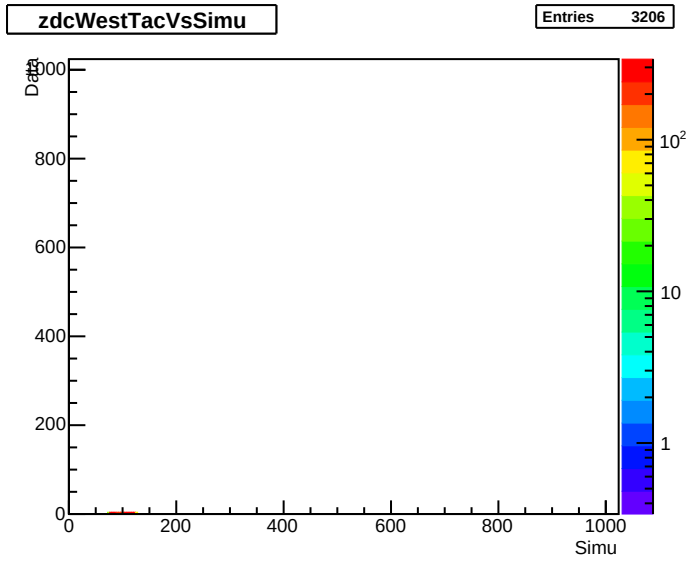

vpdWestTacMax
Entries 494835

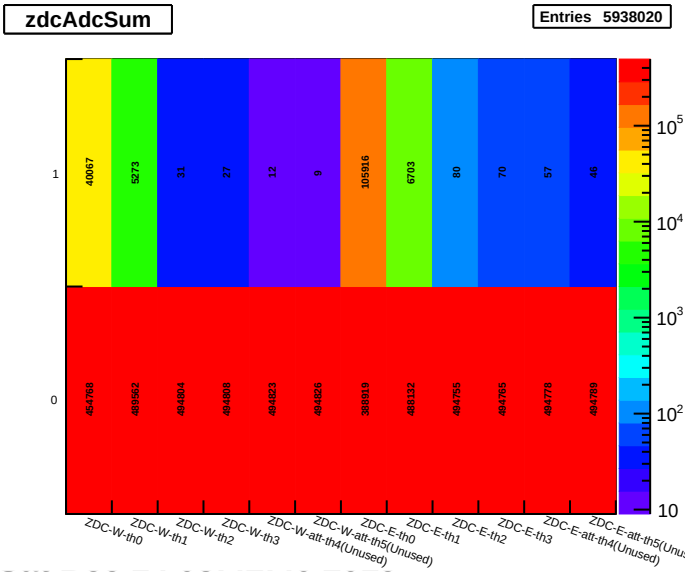

vpdWestTacMaxVsSimu
Entries 382172
Data
Simu

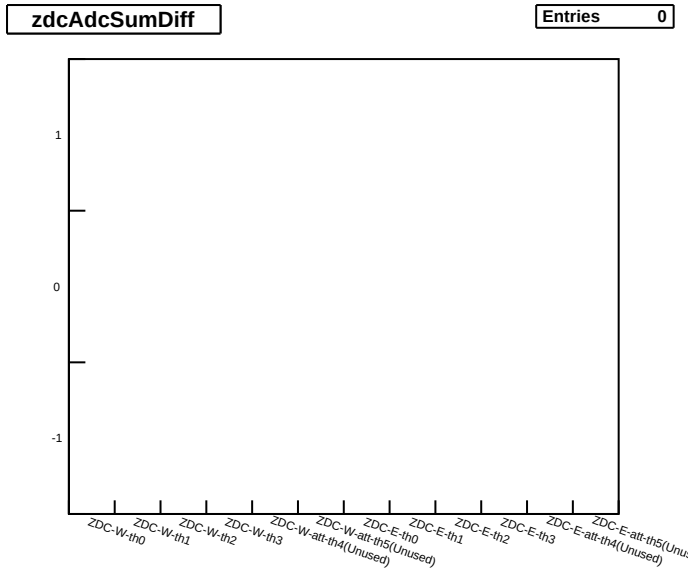

zdcEastTac
Entries 494835

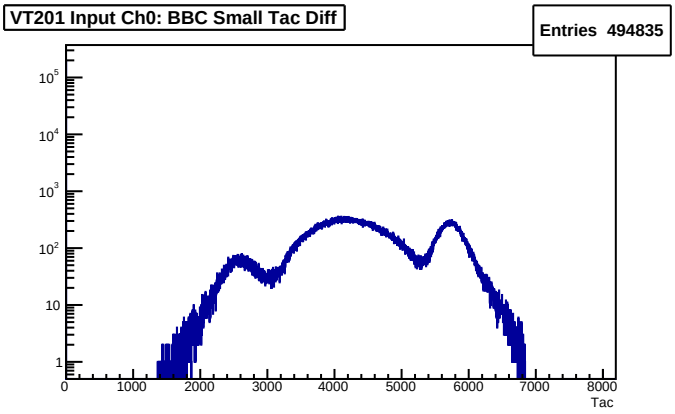

zdcEastTacVsSimu
Entries 1296
Data
Simu

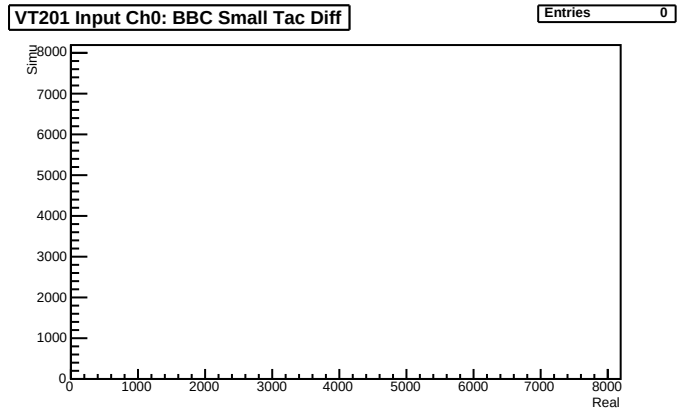

zdcWestTac
Entries 494835

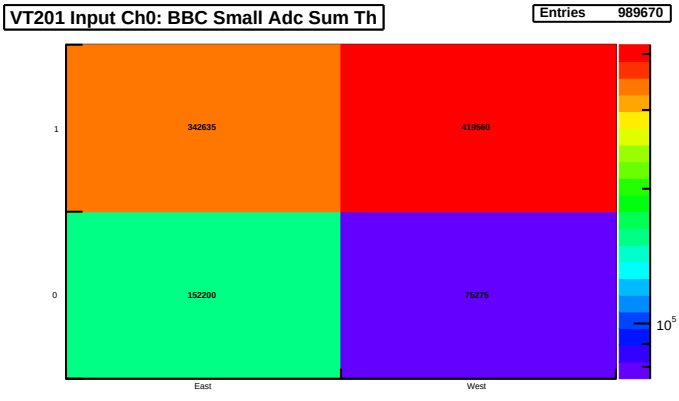

zdcWestTacVsSimu
Entries 3206
Data
Simu

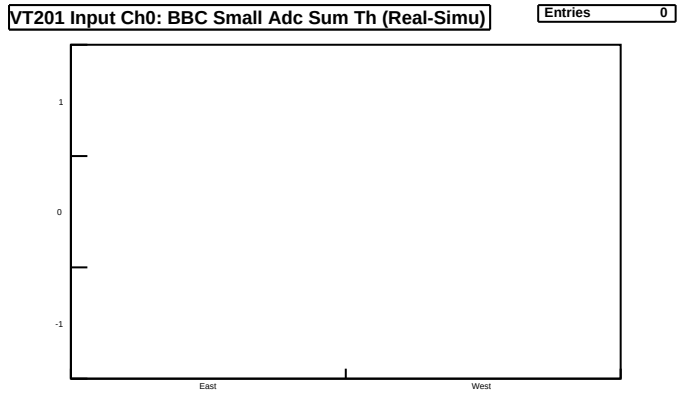

zdcAdcSum
Entries 5938020
40067
5273
31
27
12
9
105916
6703
80
70
57
46
454768
489562
494804
494808
494823
494826
388919
488132
494755
494765
494778
494789
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

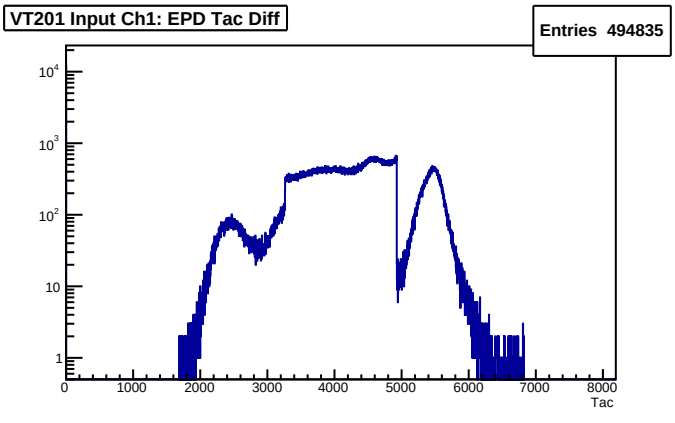

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

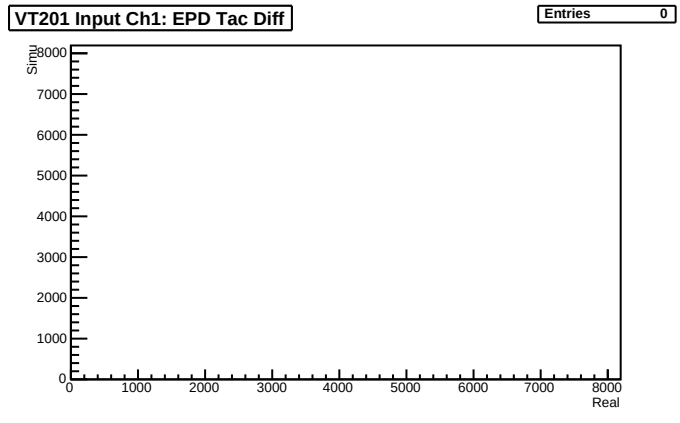

VT201 Input Ch0: BBC Small Tac Diff
Entries 494835
Tac

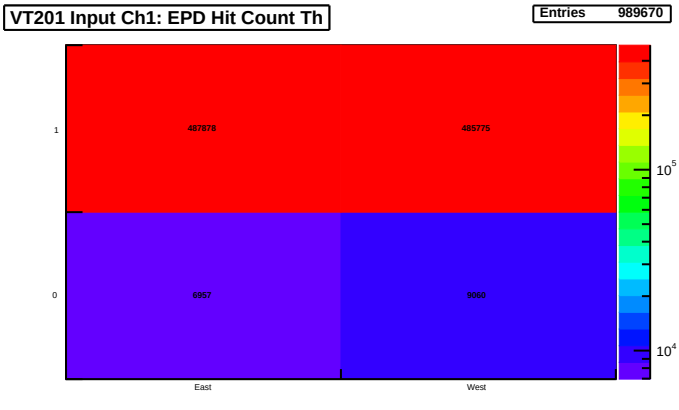

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

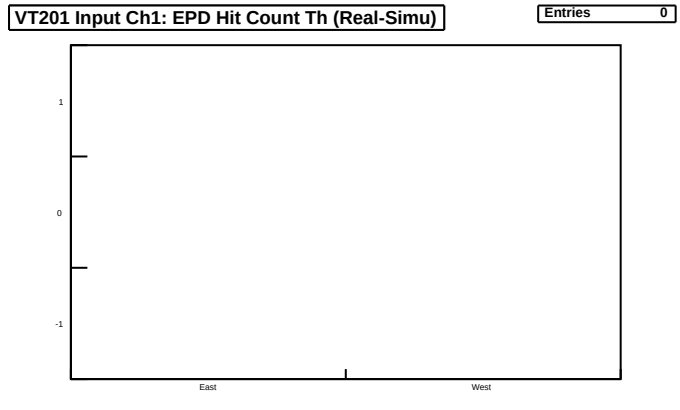

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 989670
342635
419560
152200
75275
East
West

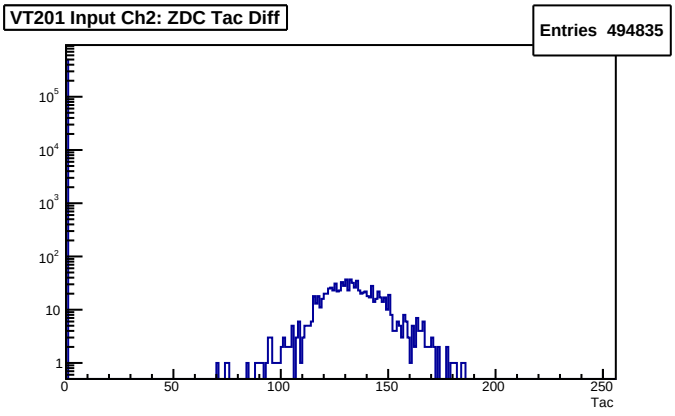

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

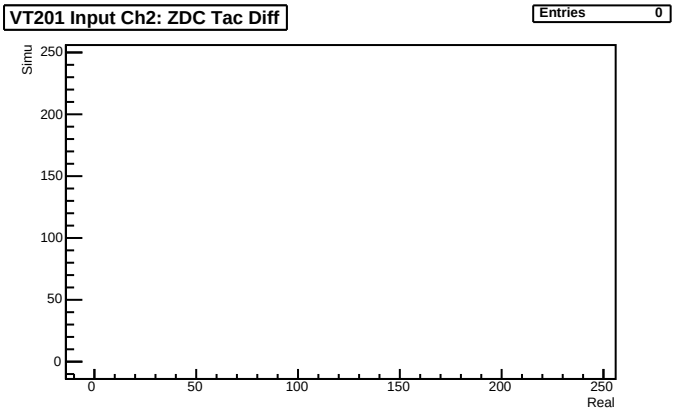

VT201 Input Ch1: EPD Tac Diff
Entries 494835
Tac

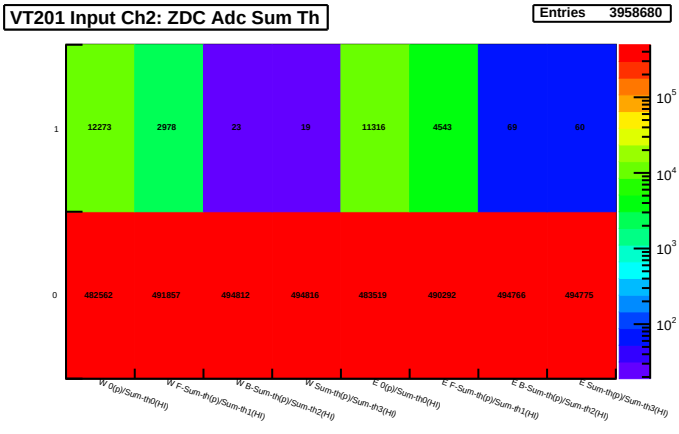

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

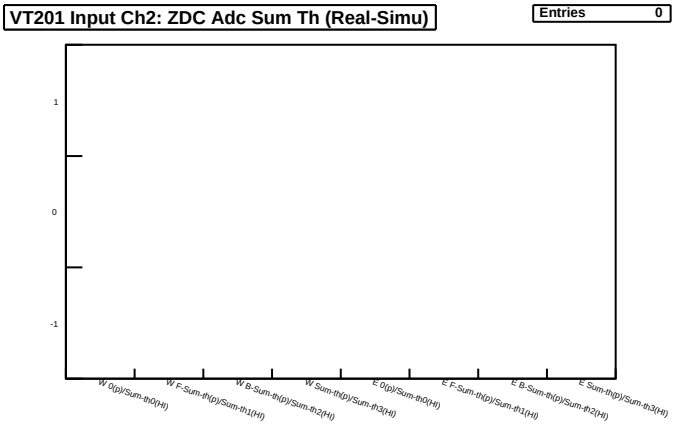

VT201 Input Ch1: EPD Hit Count Th
Entries 989670
487878
485775
6957
9060
East
West

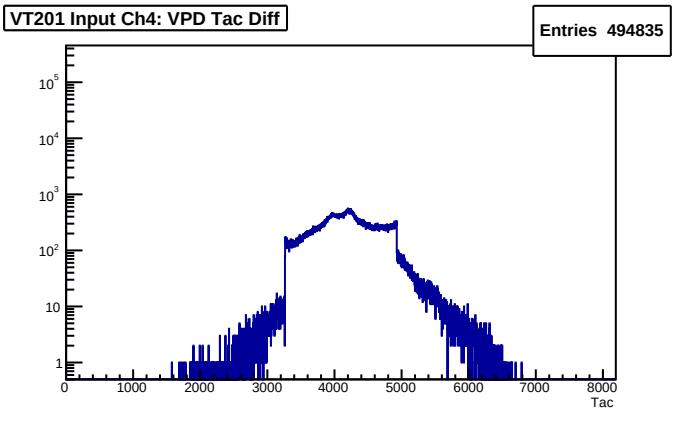

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

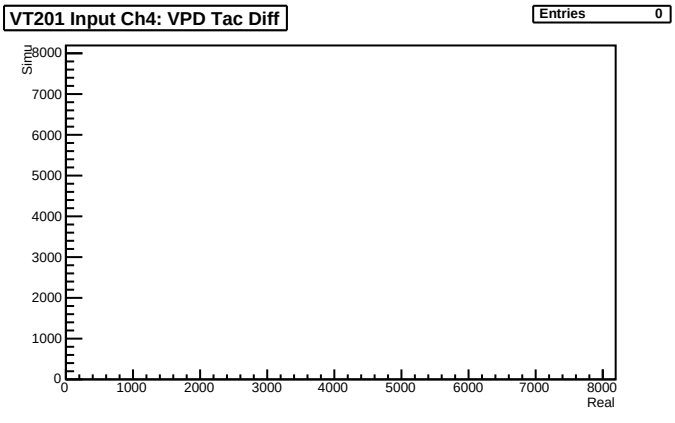

VT201 Input Ch2: ZDC Tac Diff
Entries 494835
Tac

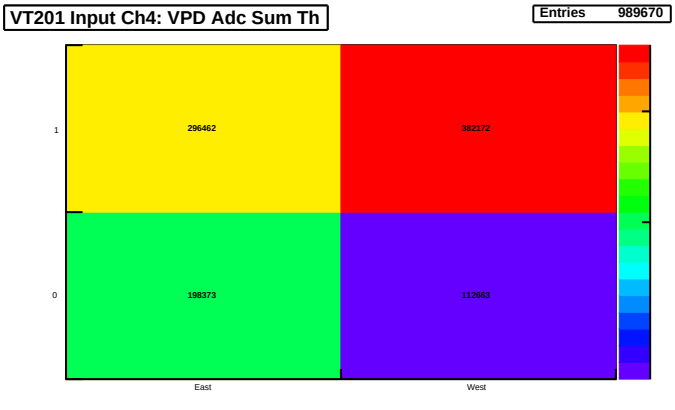

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

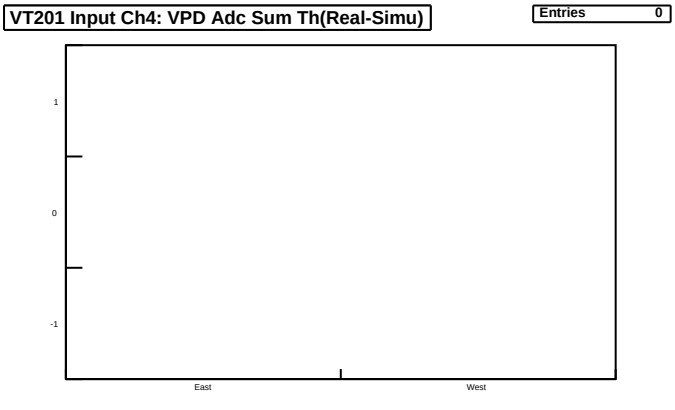

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3958680
12273
2978
23
19
11316
4543
69
60
482562
491857
494812
494816
483519
490292
494766
494775
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

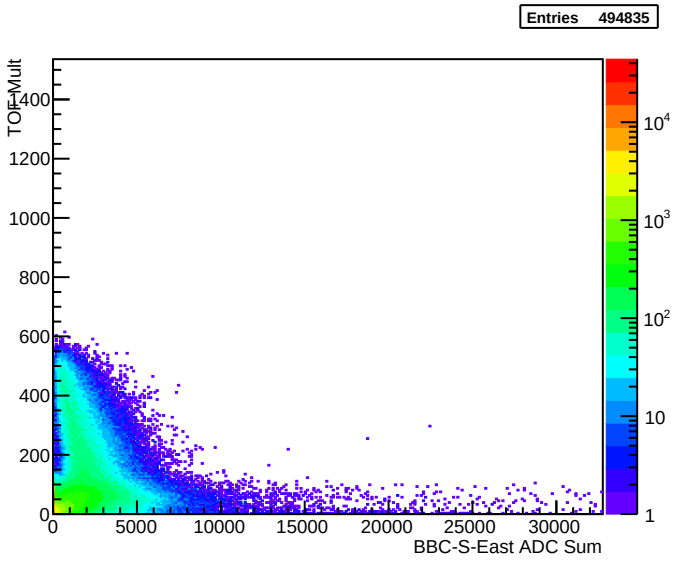

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

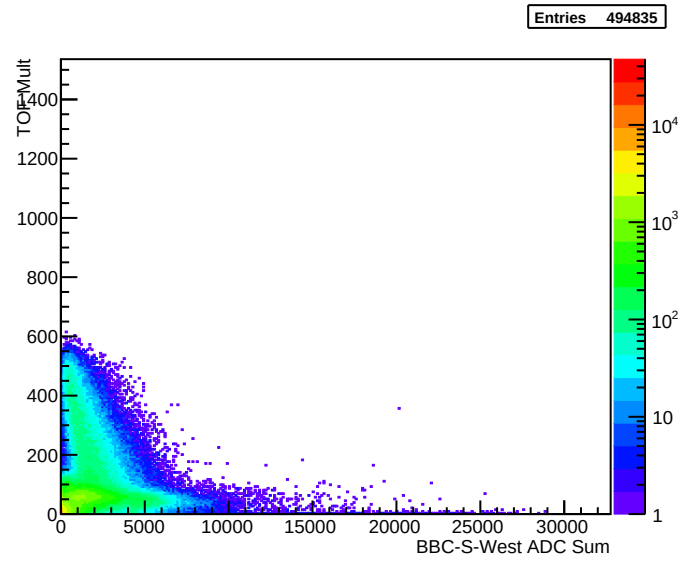

VT201 Input Ch4: VPD Tac Diff
Entries 494835
Tac

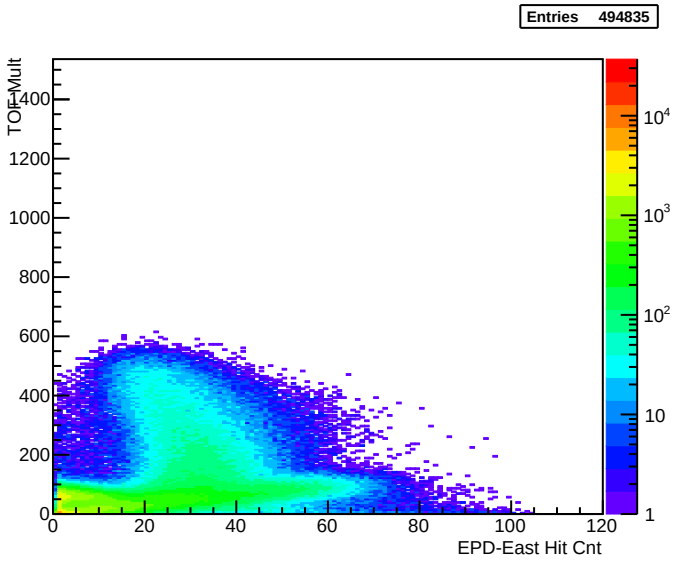

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

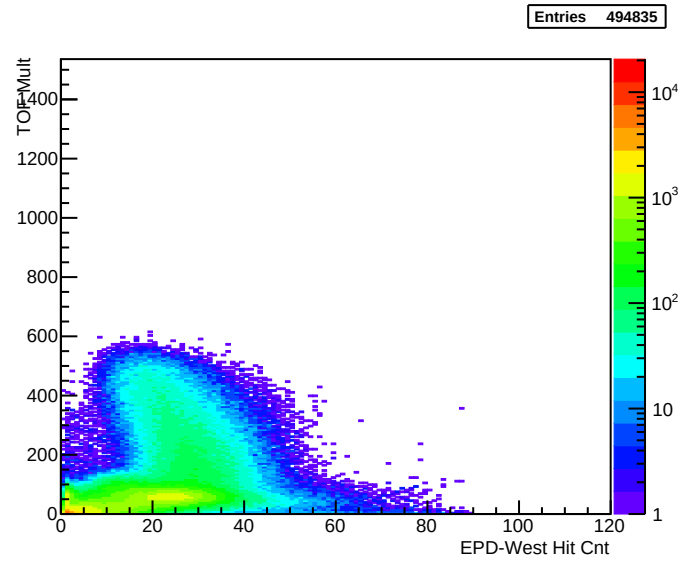

VT201 Input Ch4: VPD Adc Sum Th
Entries 989670
296462
382172
198373
112663
East
West

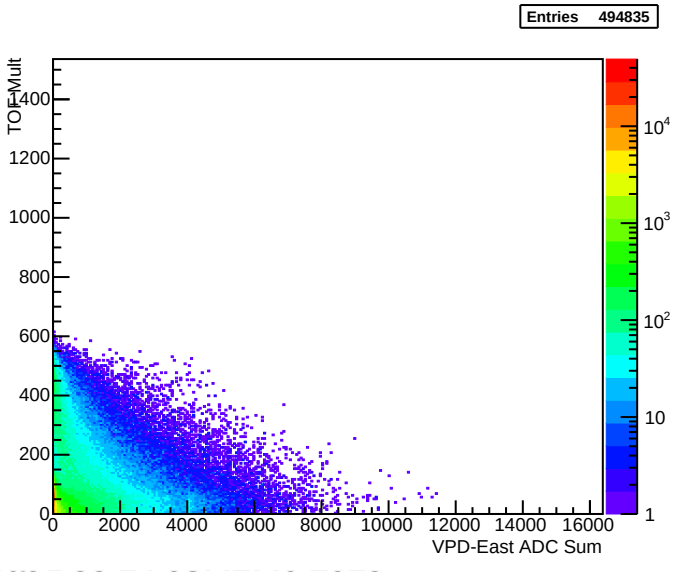

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

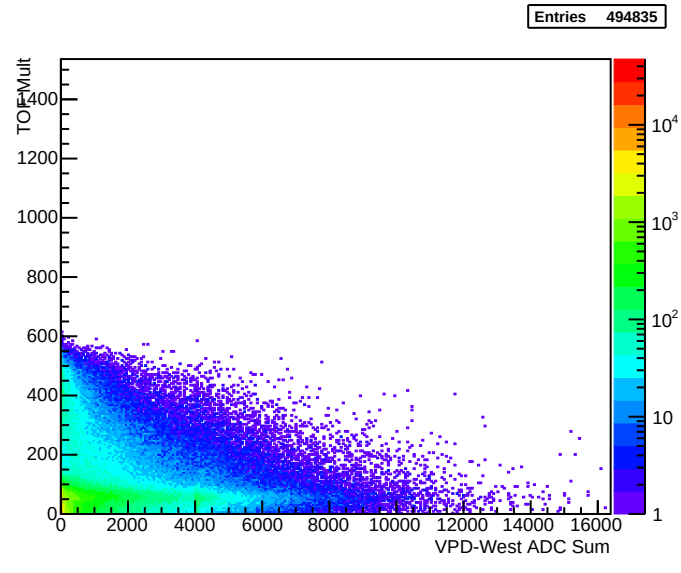

Entries 494835
TOF-Mult
BBC-S-East ADC Sum

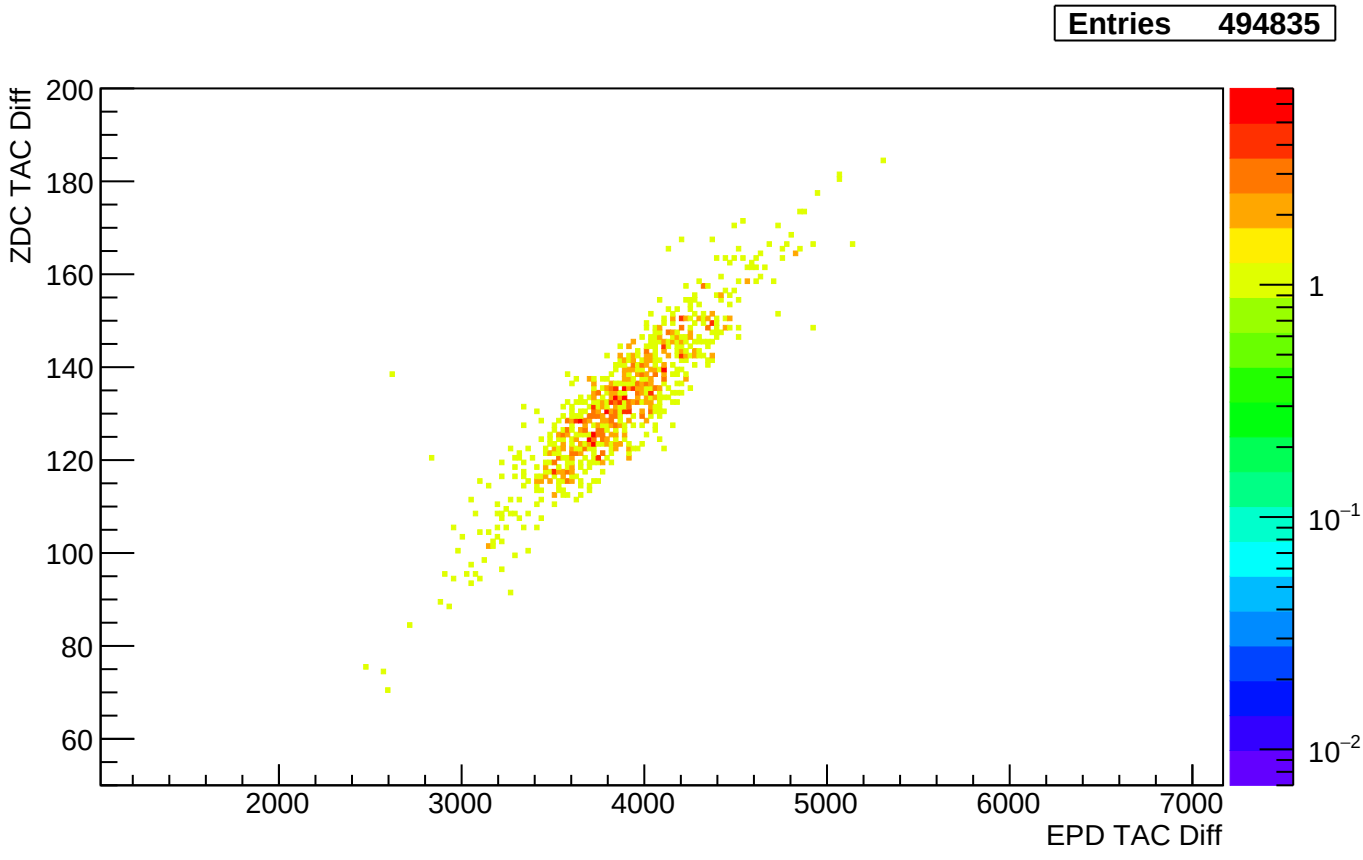

Entries 494835
TOF-Mult
BBC-S-West ADC Sum

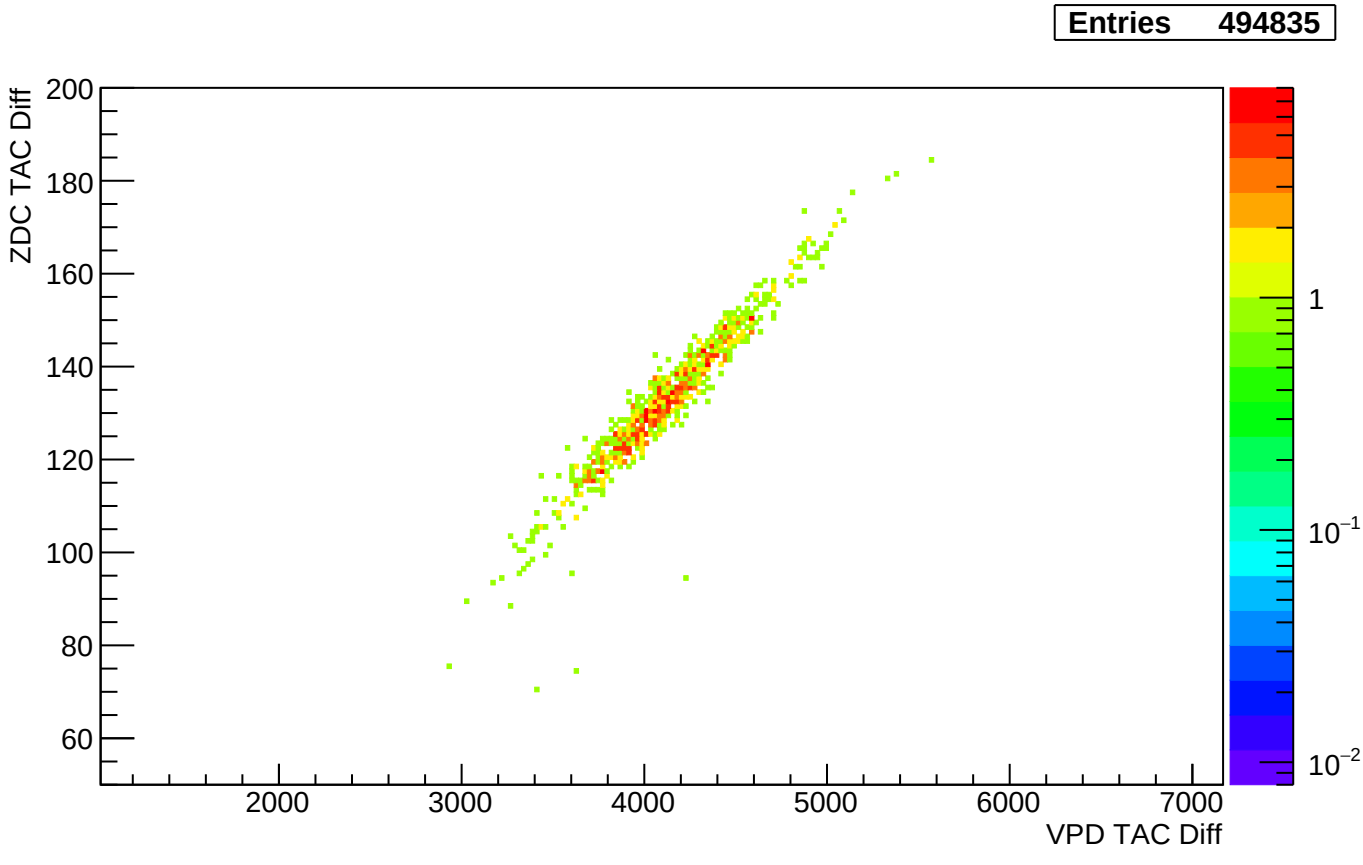

Entries 494835
TOF-Mult
EPD-East Hit Cnt

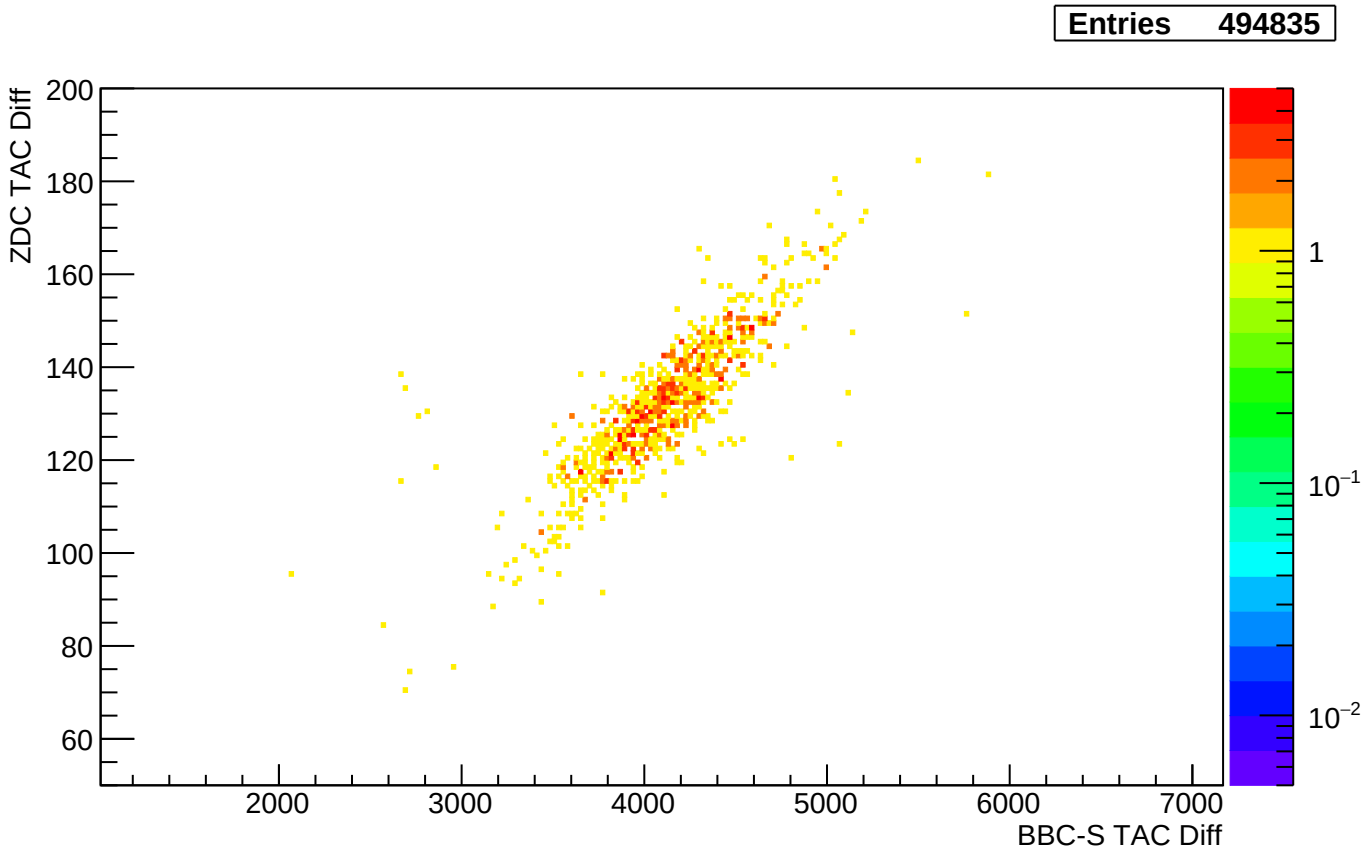

Entries 494835
TOF-Mult
EPD-West Hit Cnt

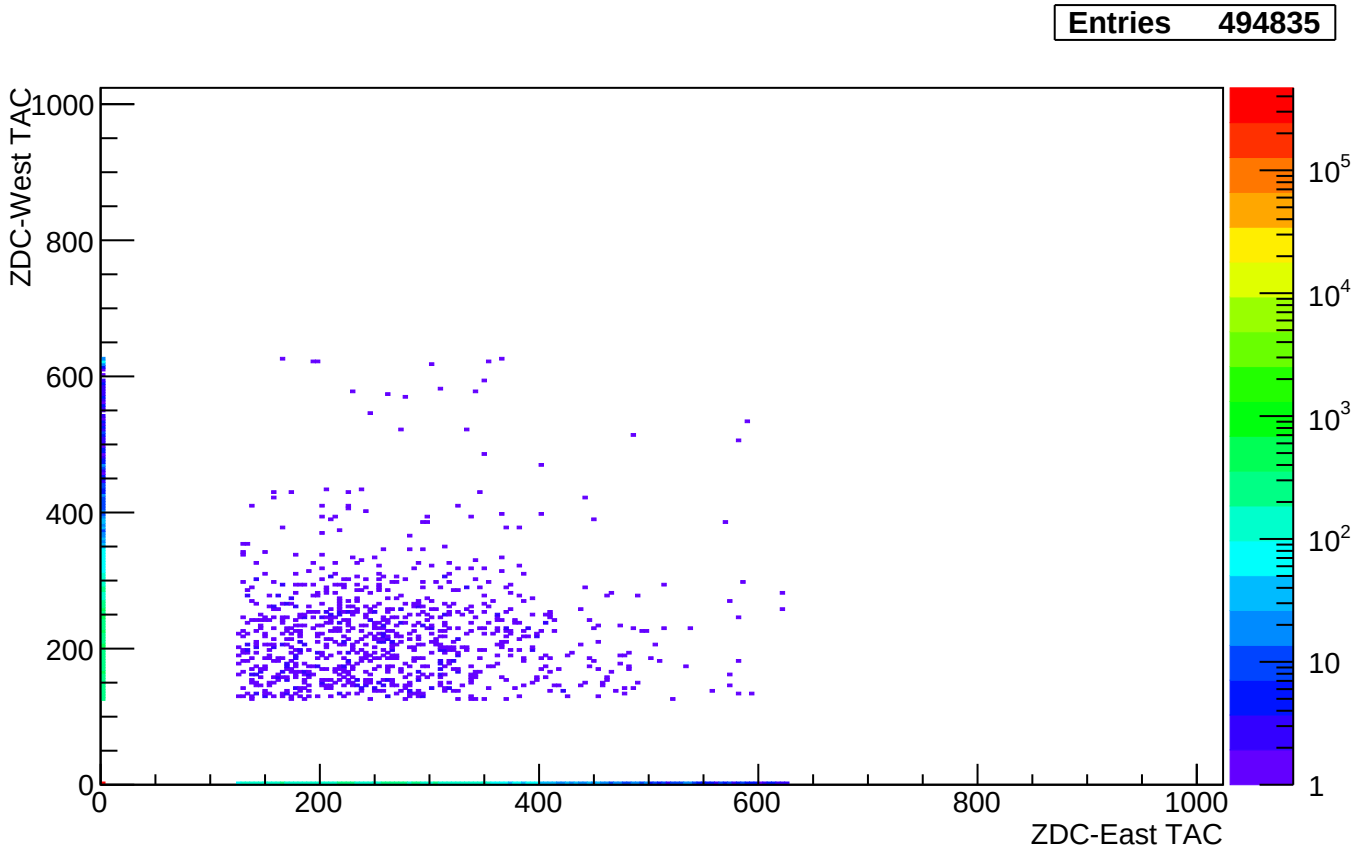

Entries 494835
TOF-Mult
VPD-East ADC Sum

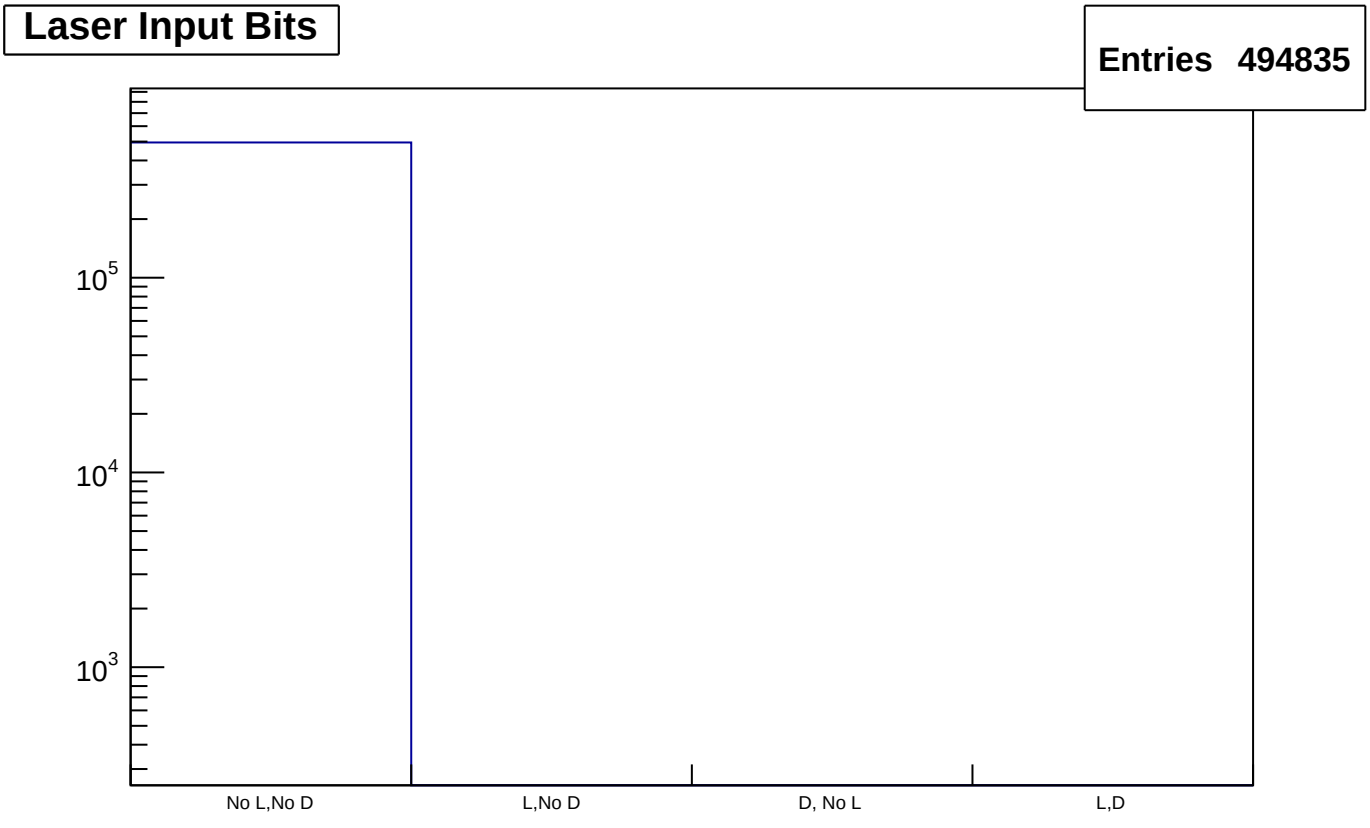

Entries 494835
TOF-Mult
VPD-West ADC Sum

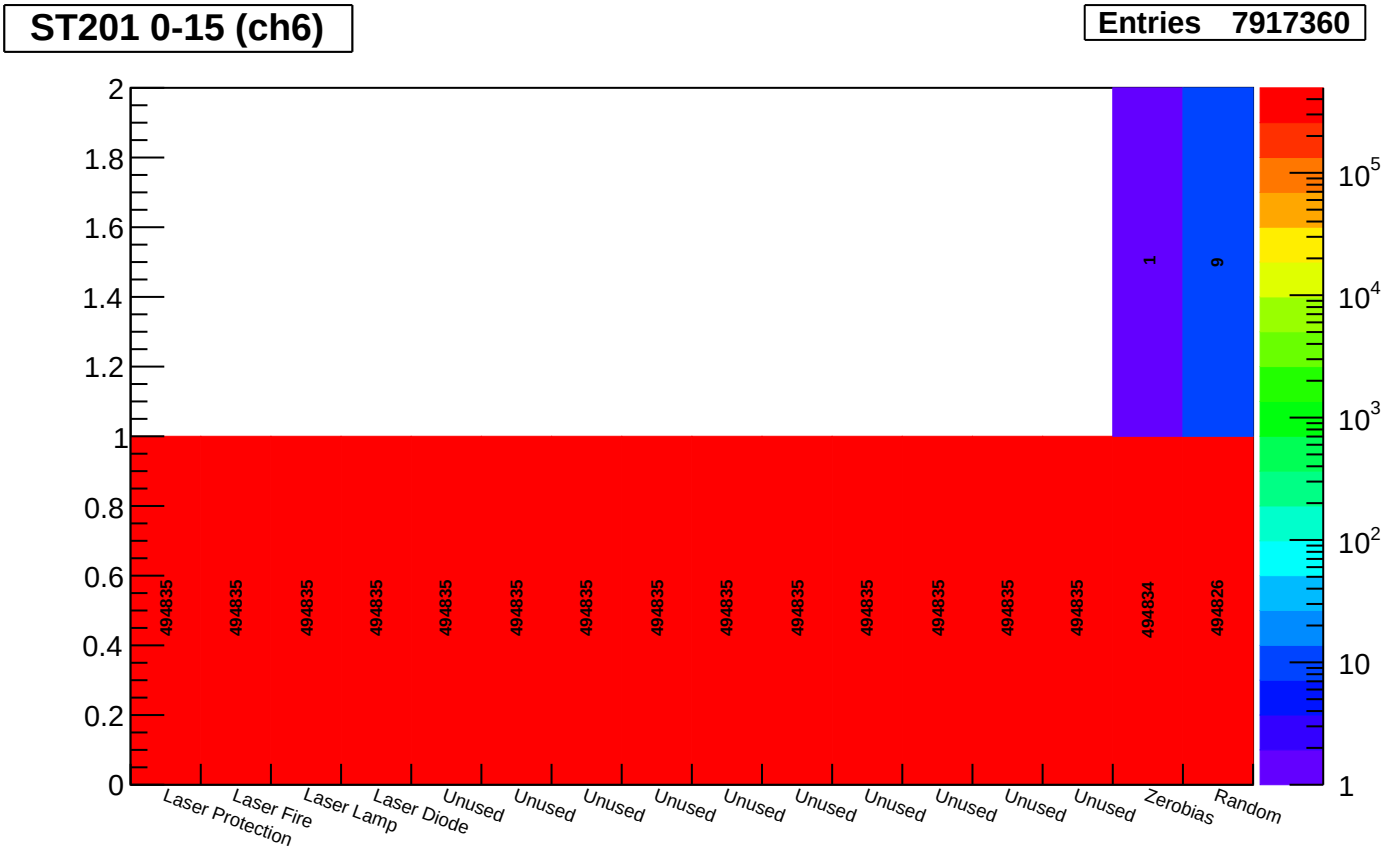

Entries 494835
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

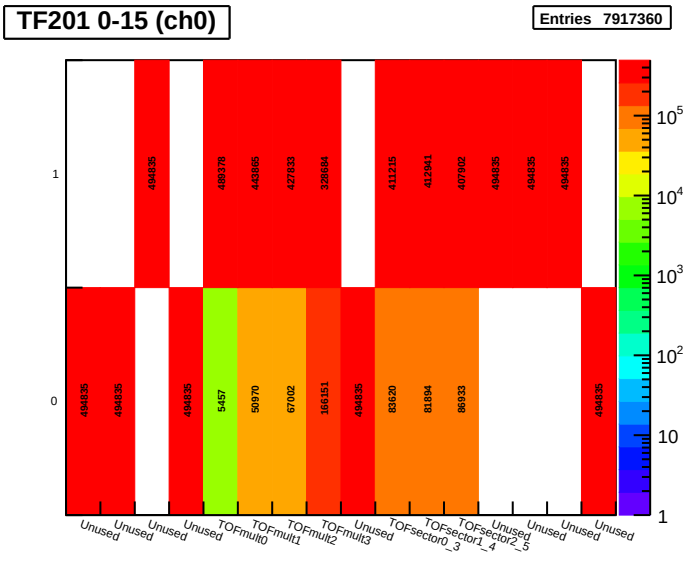

Entries 494835
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

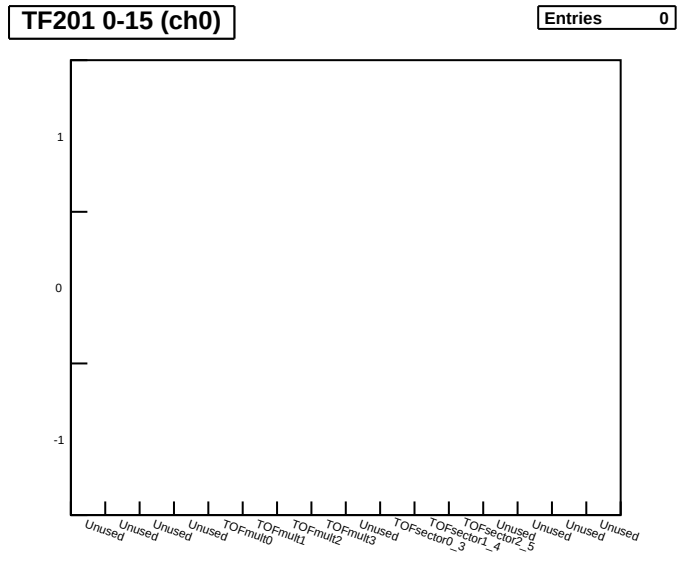

Entries 494835
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

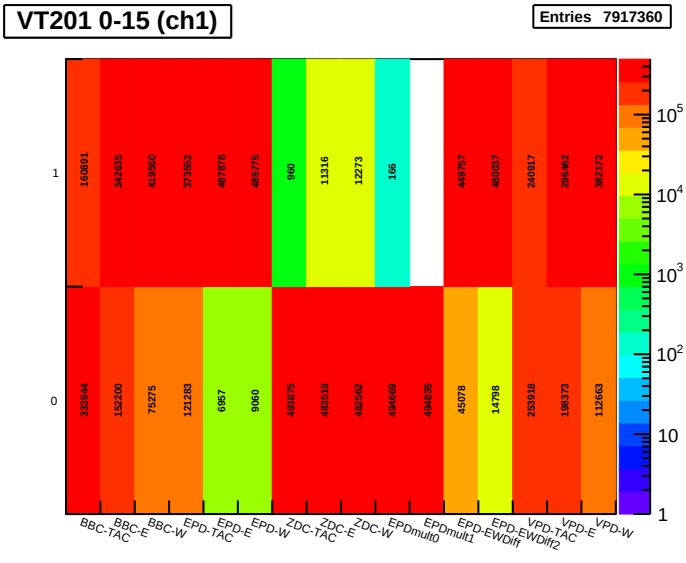

Entries 494835
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

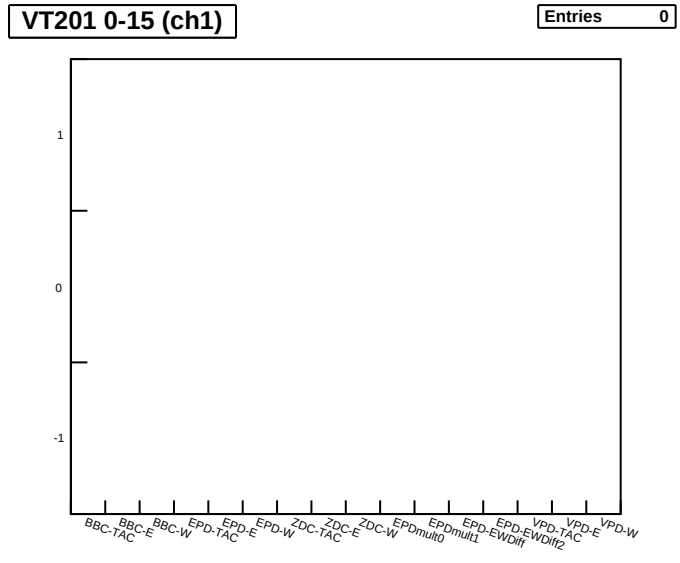

Laser Input Bits
Entries 494835
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

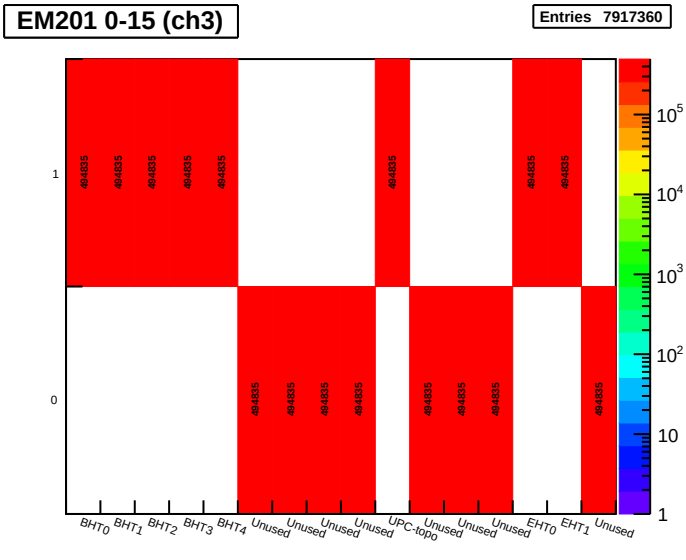

ST201 0-15 (ch6)
Entries 7917360
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
494835
494835
494835
494835
494835
494835
494835
494835
494835
494835
494835
494835
494835
494835
494834
494826
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

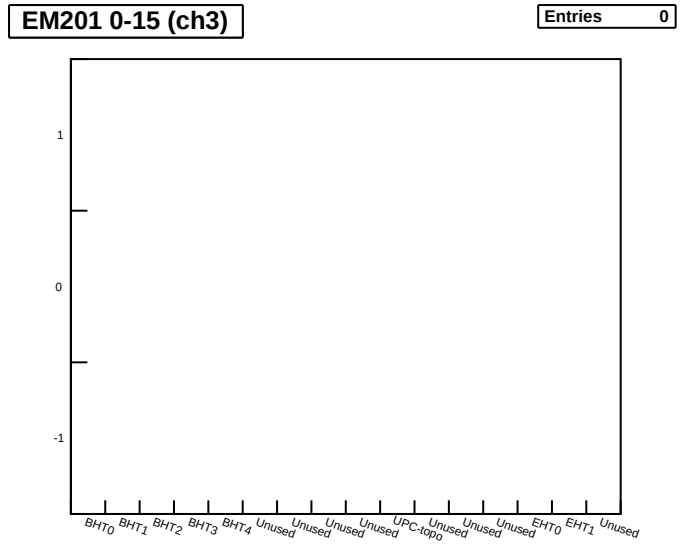

TF201 0-15 (ch0)
Entries 7917360
1
0
494835 494835
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 7917360
1
0
160891 342635 419560 373552 487878 485775 960 11316 12273 166 449757 490037 240917 296462 382172
333944 152200 75275 121283 6957 9060 493875 483519 492562 494669 494835 45078 14798 253918 198373 112663
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 7917360
1
0
494835 494835 494835 494835 494835 494835 494835 494835 494835
494835 494835 494835 494835 494835 494835 494835 494835
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