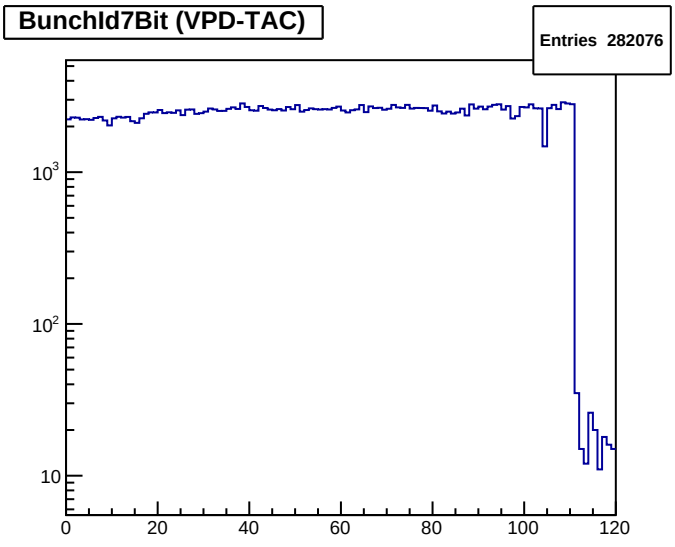
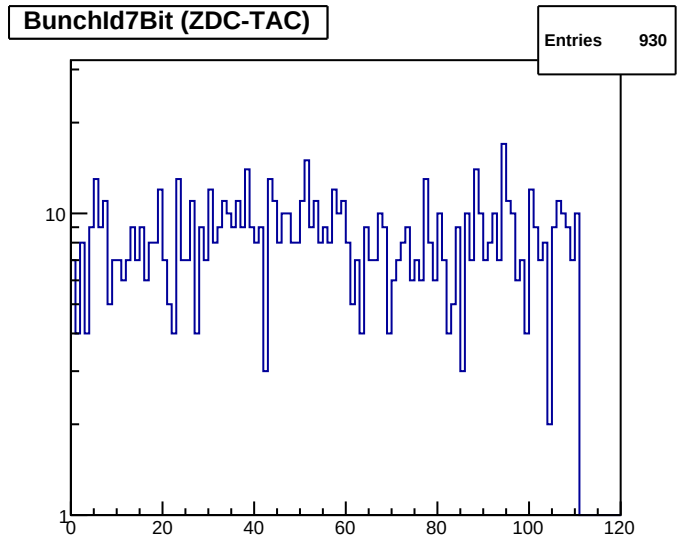
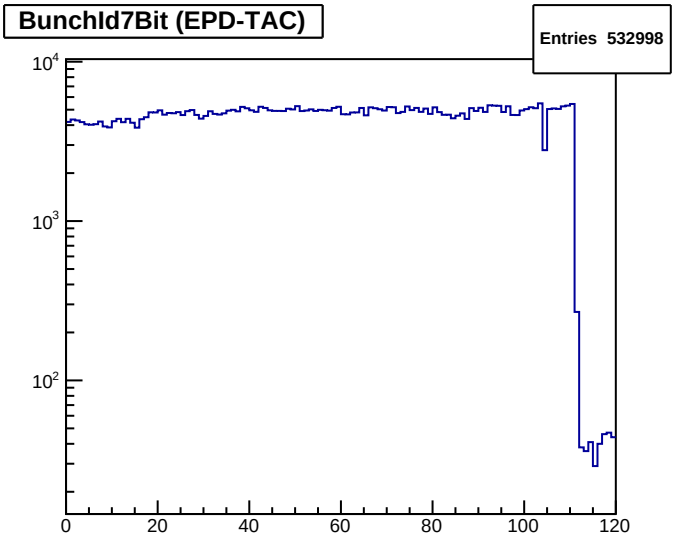
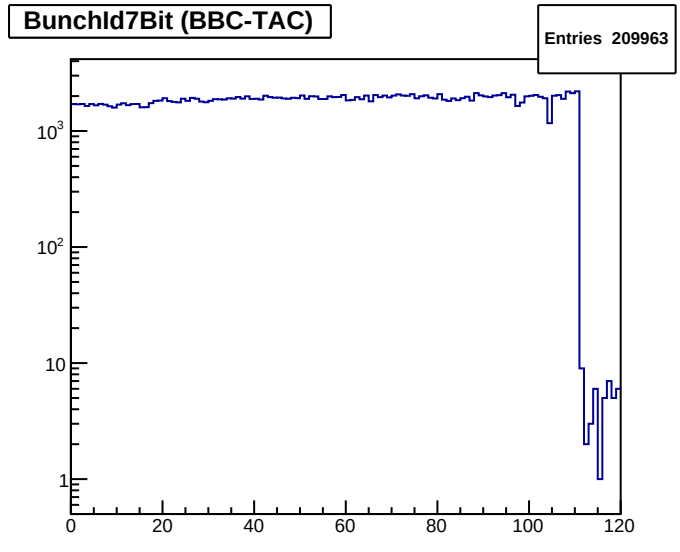
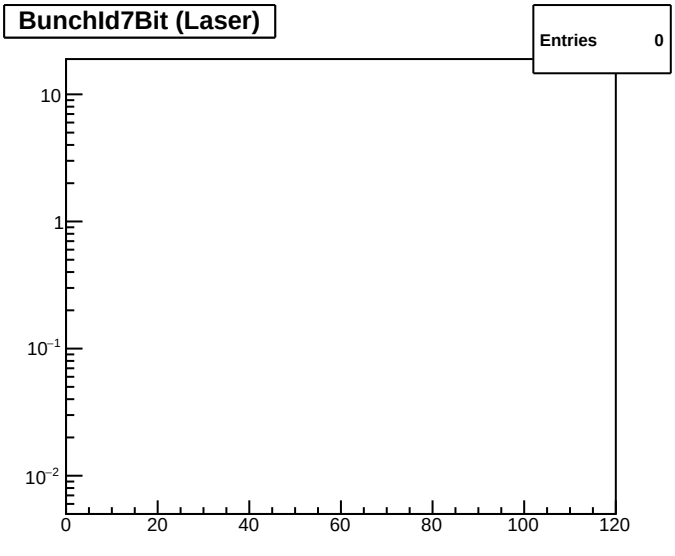
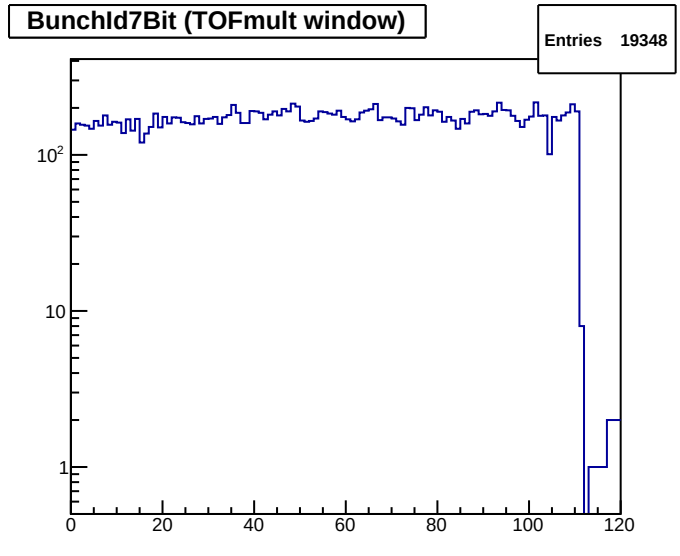

BunchId7Bit (VPD-TAC)
Entries 282076

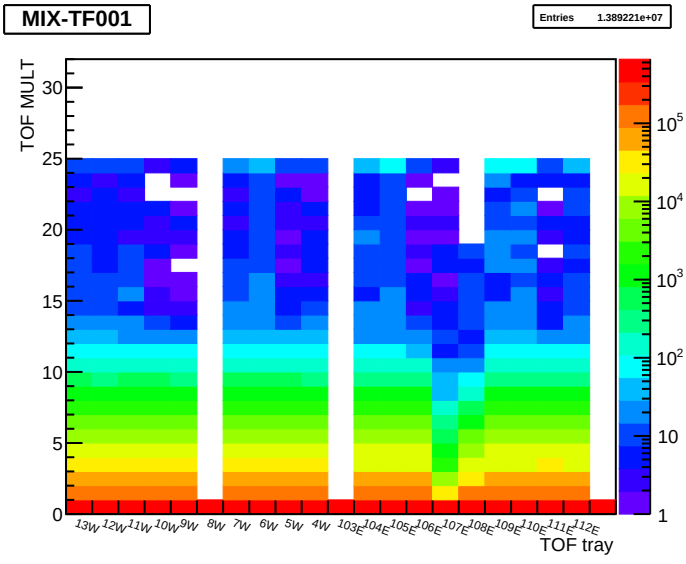

BunchId7Bit (ZDC-TAC)
Entries 930

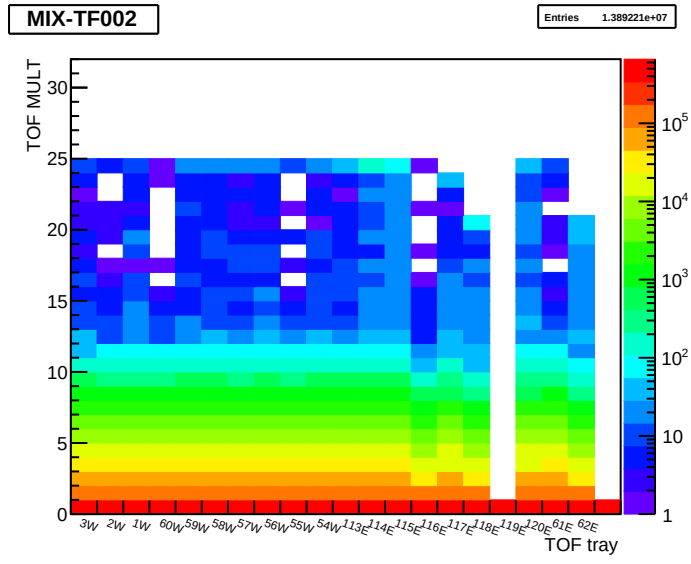

BunchId7Bit (EPD-TAC)
Entries 532998

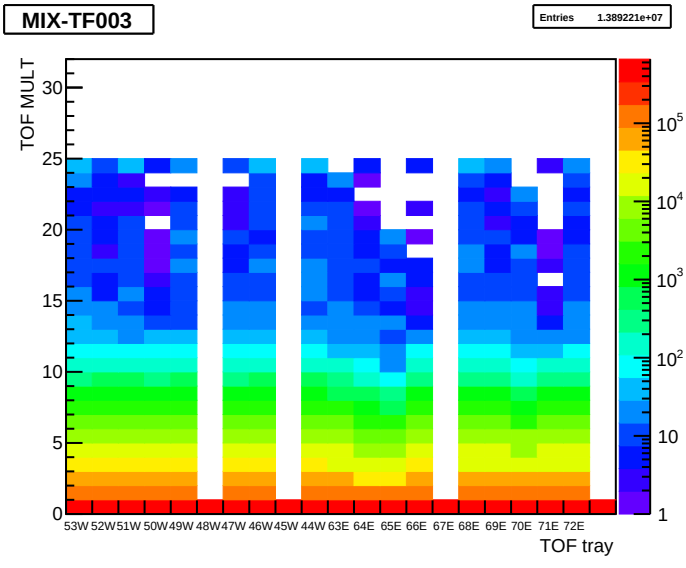

BunchId7Bit (BBC-TAC)
Entries 209963

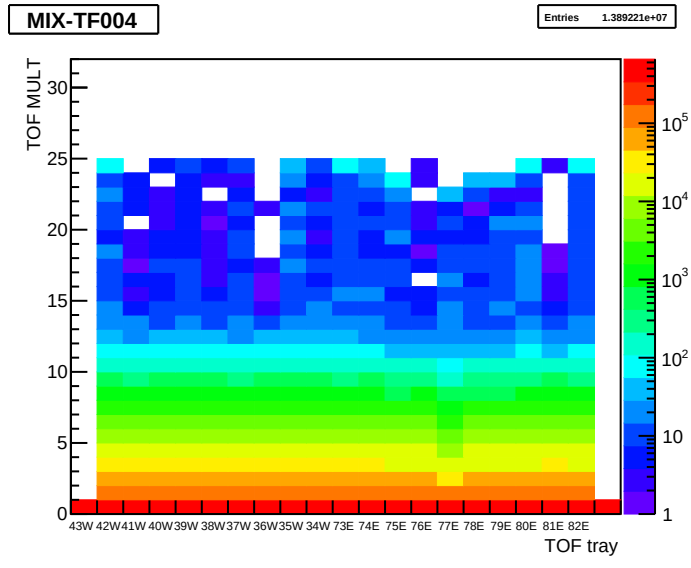

BunchId7Bit (Laser)
Entries 0

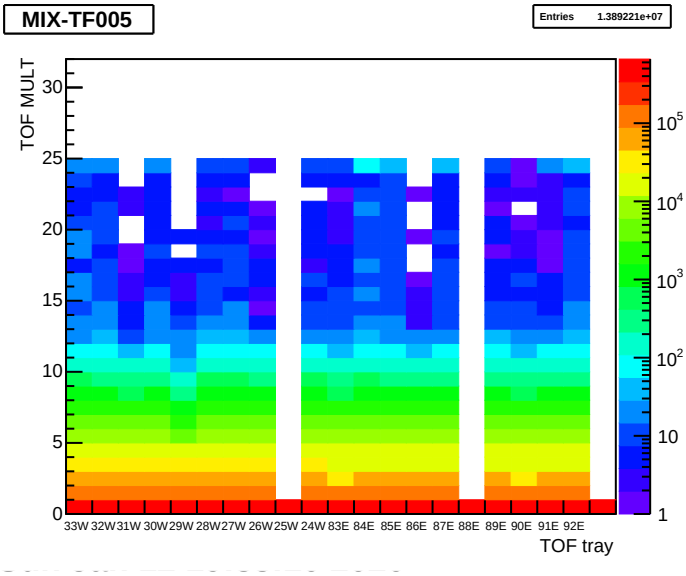

BunchId7Bit (TOFmult window)
Entries 19348

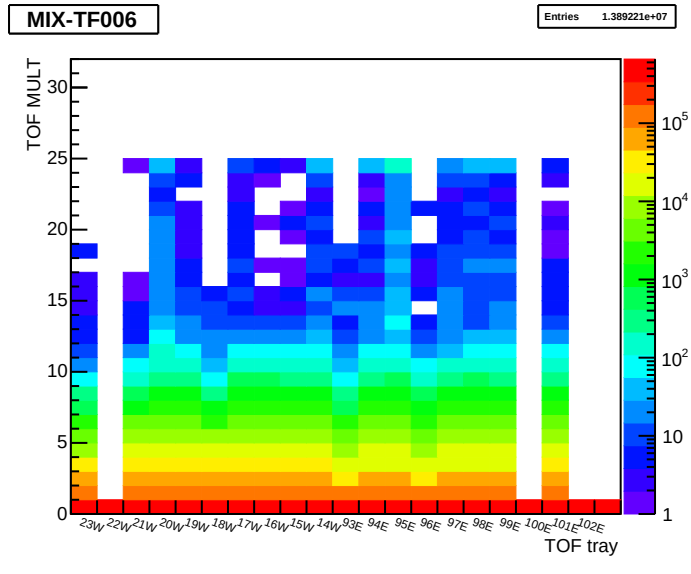

MIX-TF001
Entries 1.389221e+07
TOF MULT
TOF tray

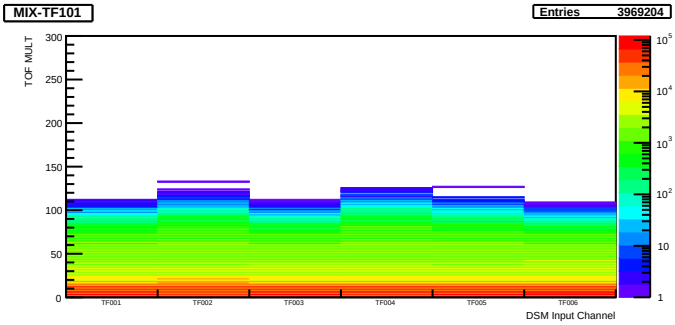

MIX-TF002
Entries 1.389221e+07
TOF MULT
TOF tray

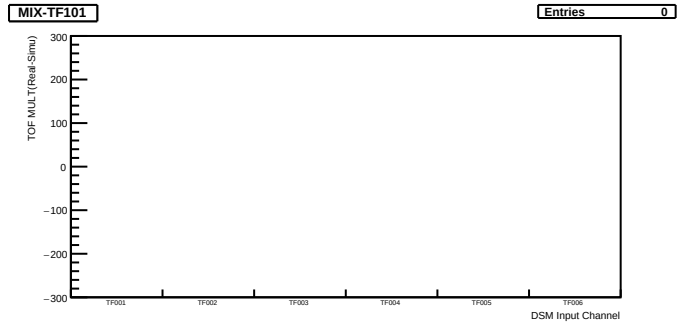

MIX-TF003
Entries 1.389221e+07
TOF MULT
TOF tray

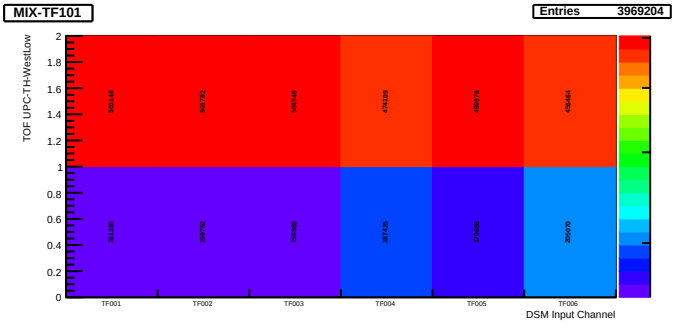

MIX-TF004
Entries 1.389221e+07
TOF MULT
TOF tray

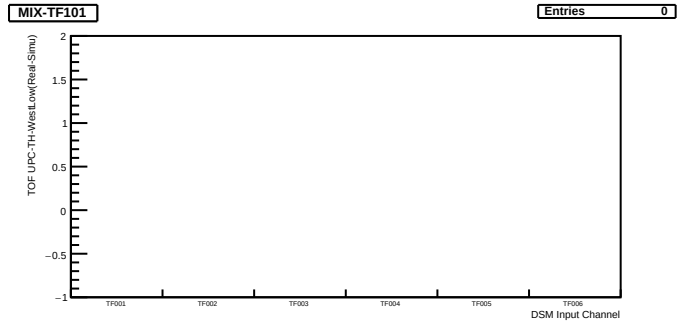

MIX-TF005
Entries 1.389221e+07
TOF MULT
TOF tray

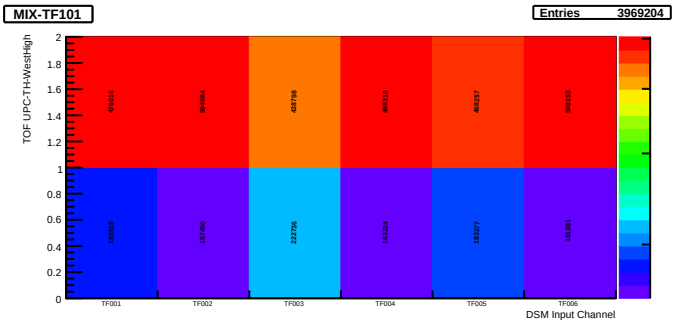

MIX-TF006
Entries 1.389221e+07
TOF MULT
TOF tray

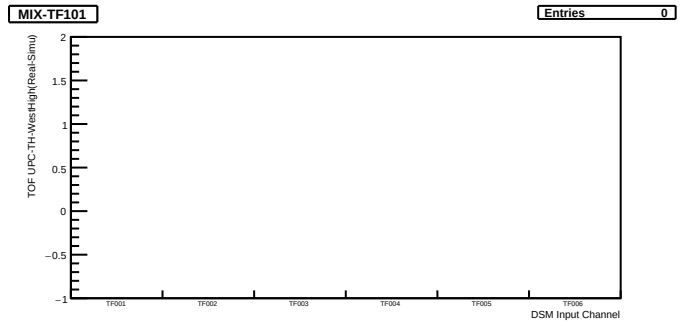

MIX-TF101
Entries 3969204
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

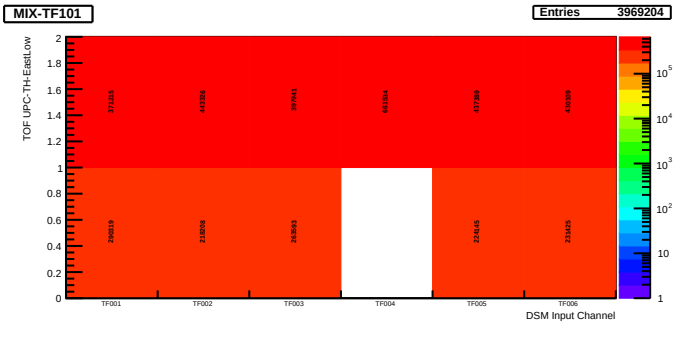

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

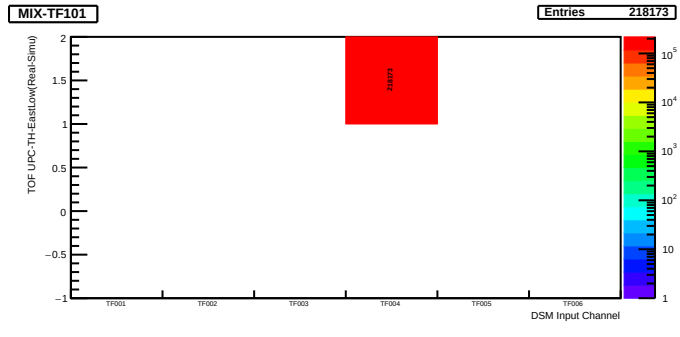

MIX-TF101
Entries 3969204
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

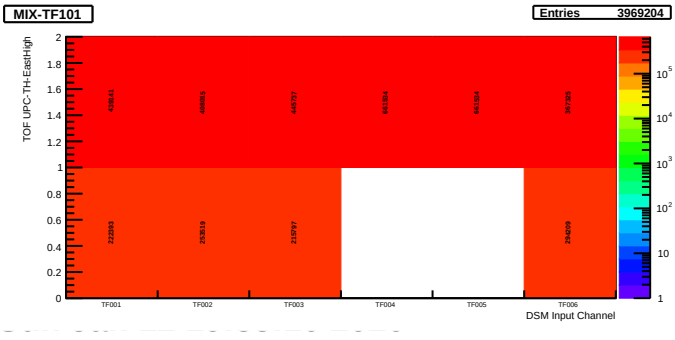

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

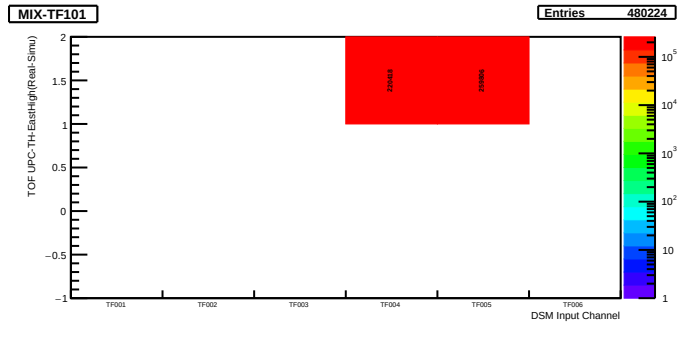

MIX-TF101
Entries 3969204
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

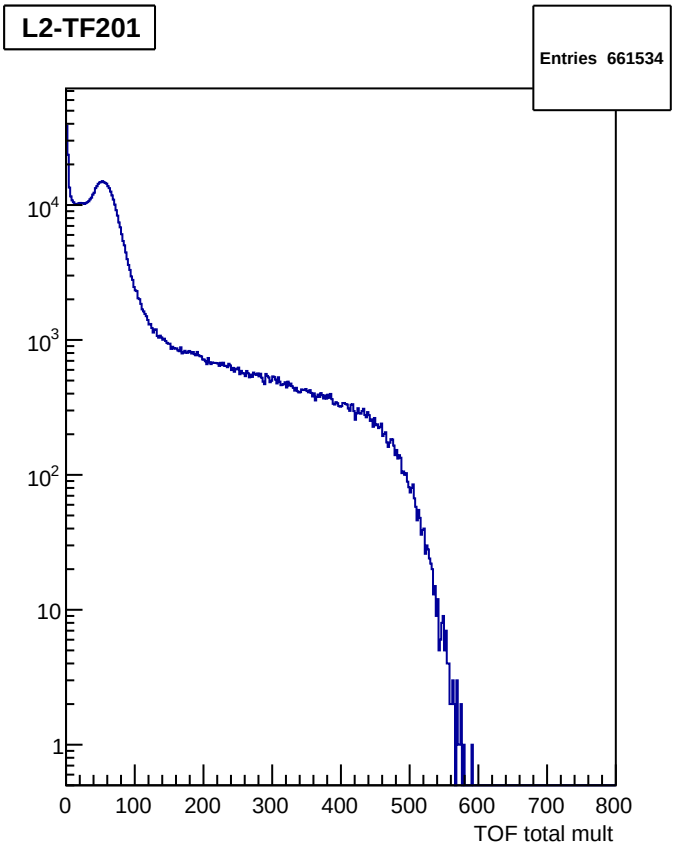

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

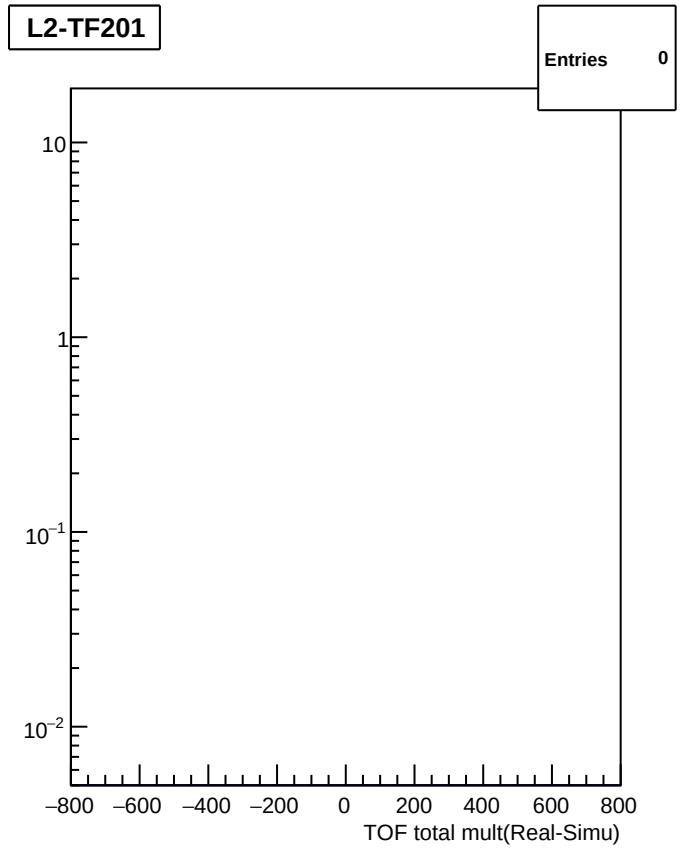

MIX-TF101
Entries 3969204
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

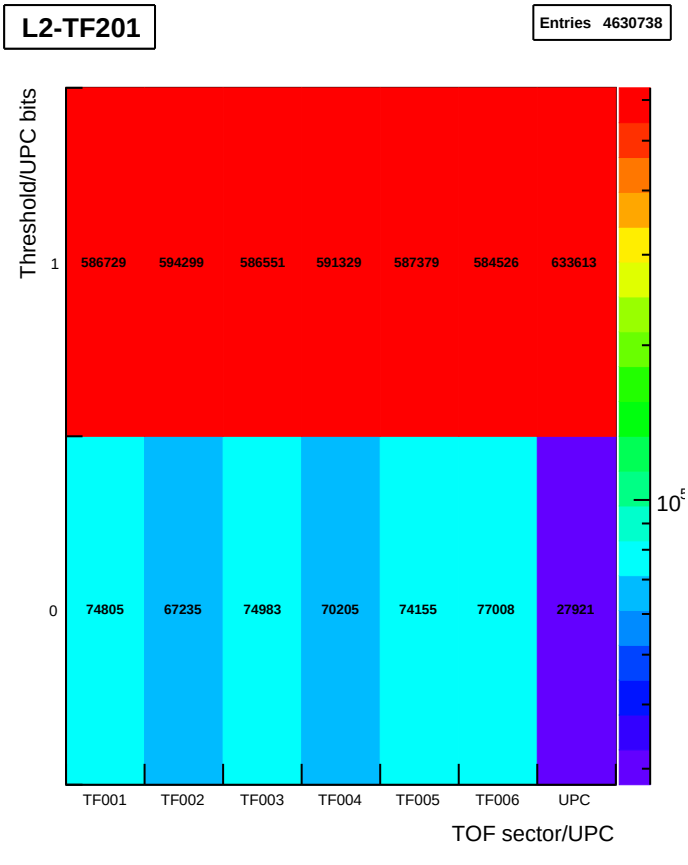

MIX-TF101
Entries 218173
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

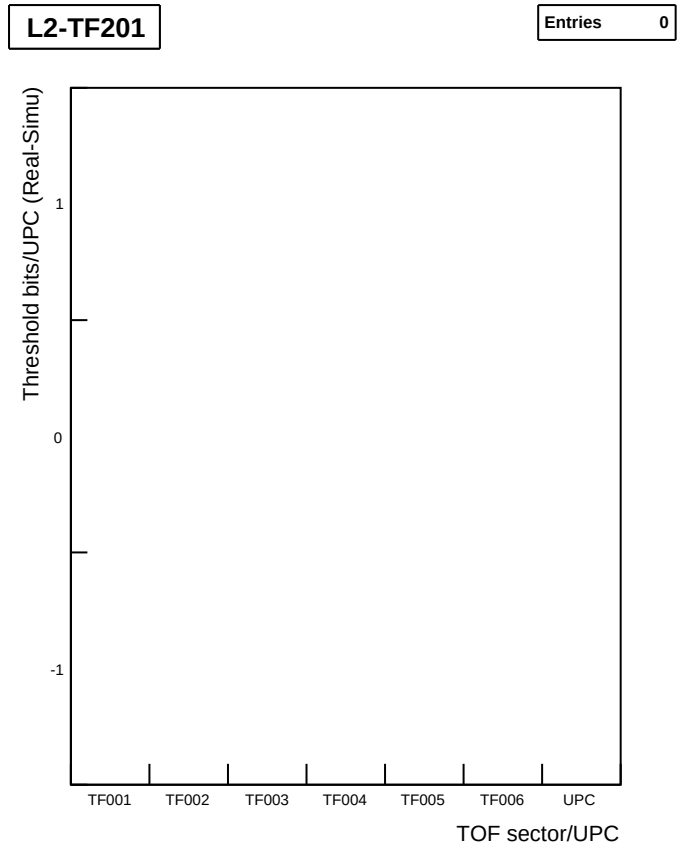

MIX-TF101
Entries 3969204
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

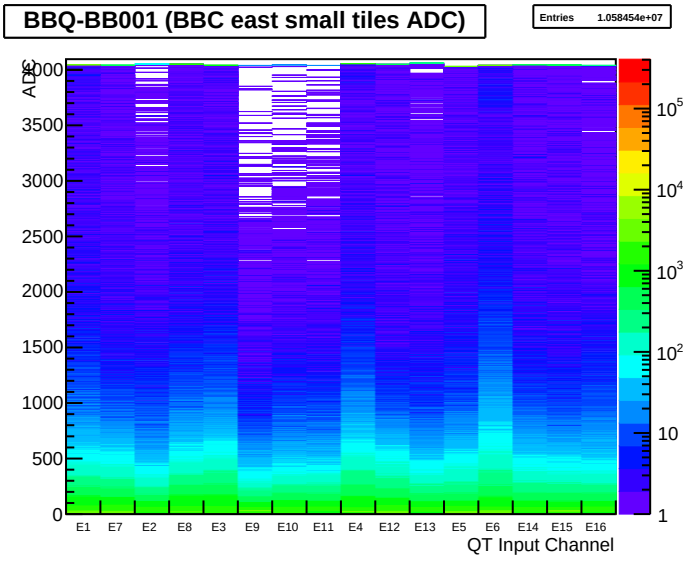

MIX-TF101
Entries 480224
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

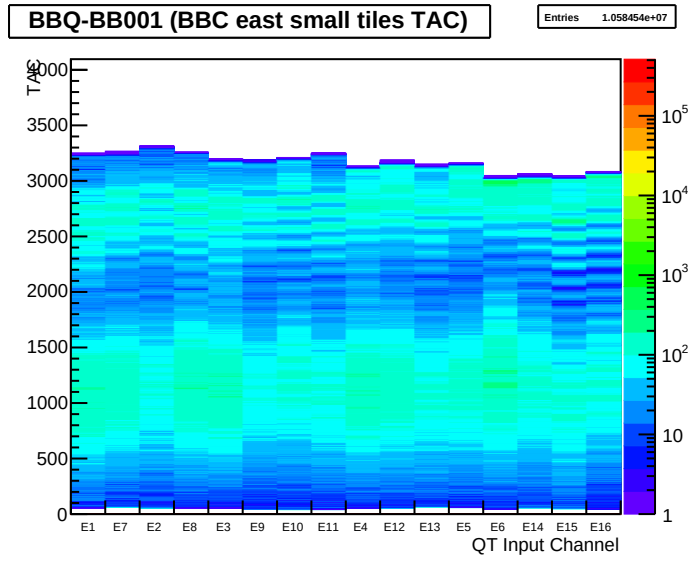

L2-TF201
Entries 661534
TOF total mult

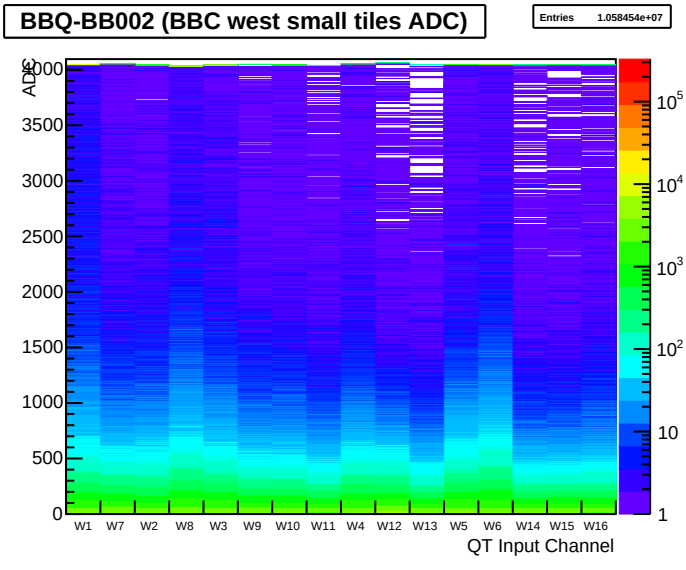

L2-TF201
Entries 0
TOF total mult(Real-Simu)

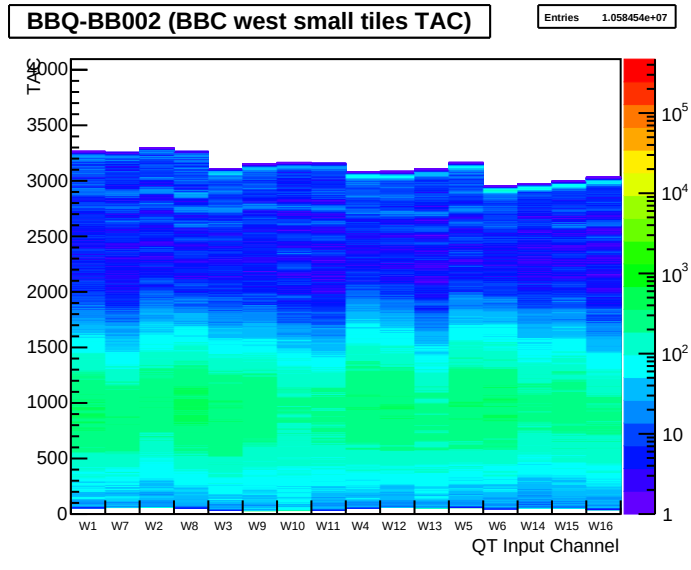

L2-TF201
Entries 4630738
Threshold/UPC bits
586729
594299
586551
591329
587379
584526
633613
74805
67235
74983
70205
74155
77008
27921
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

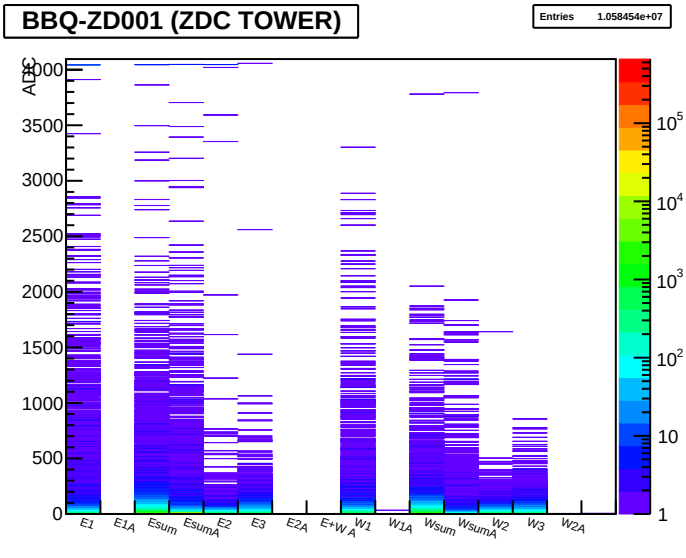

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

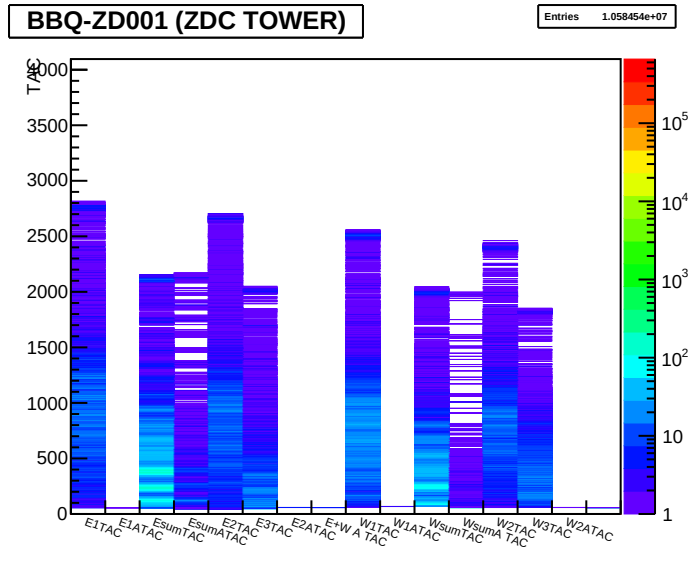

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.058454e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

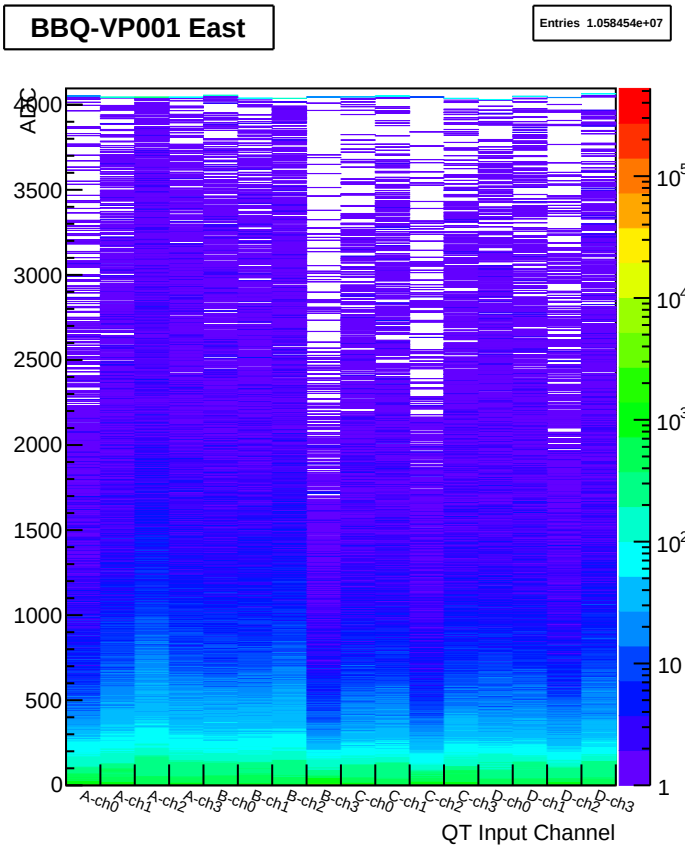

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.058454e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

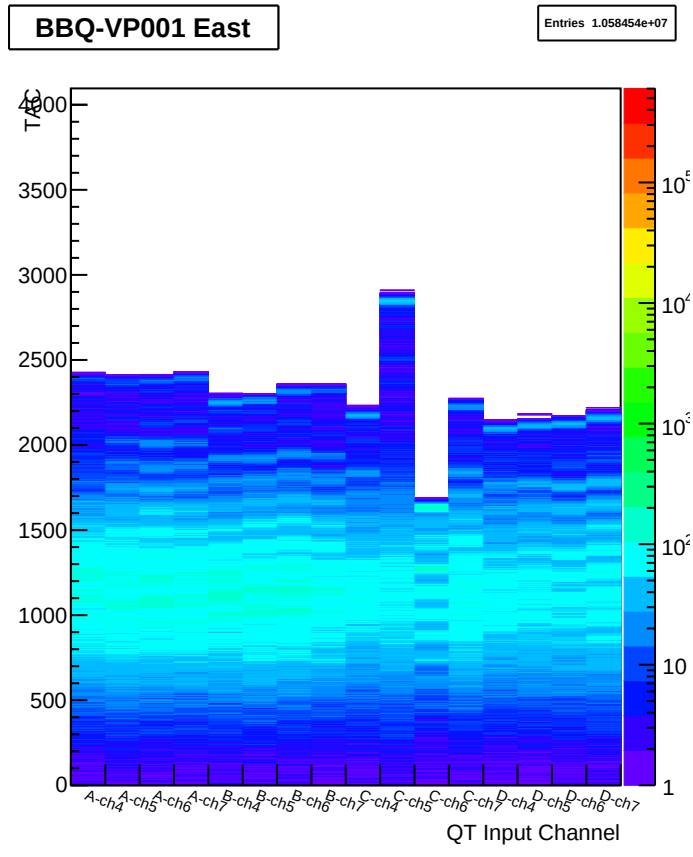

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.058454e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

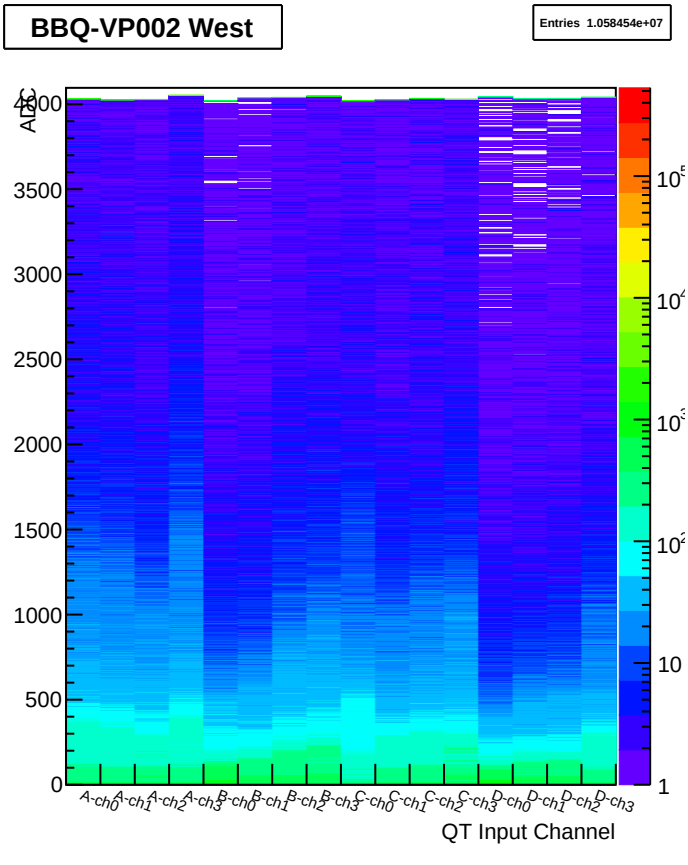

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.058454e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

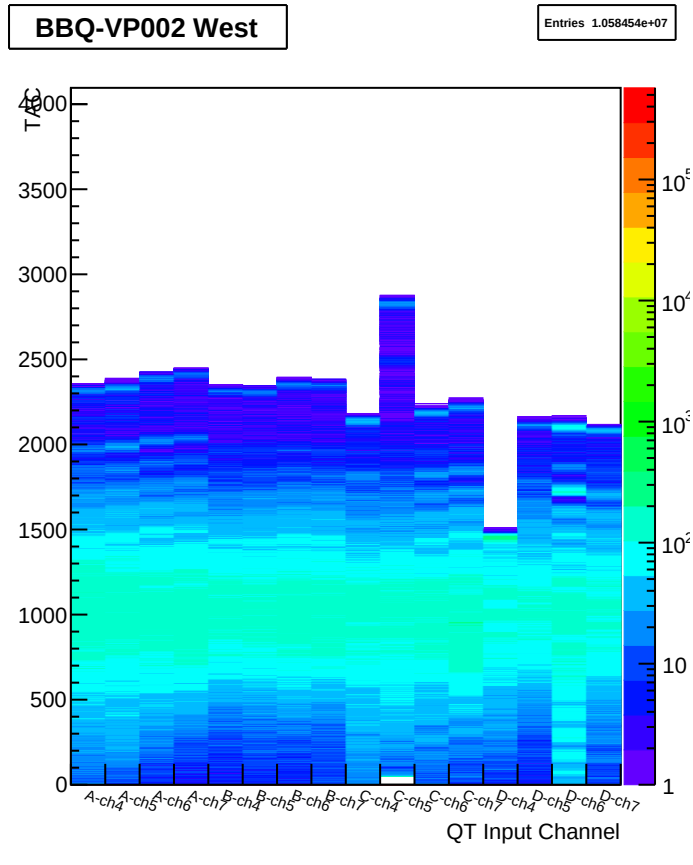

BBQ-ZD001 (ZDC TOWER)
Entries 1.058454e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

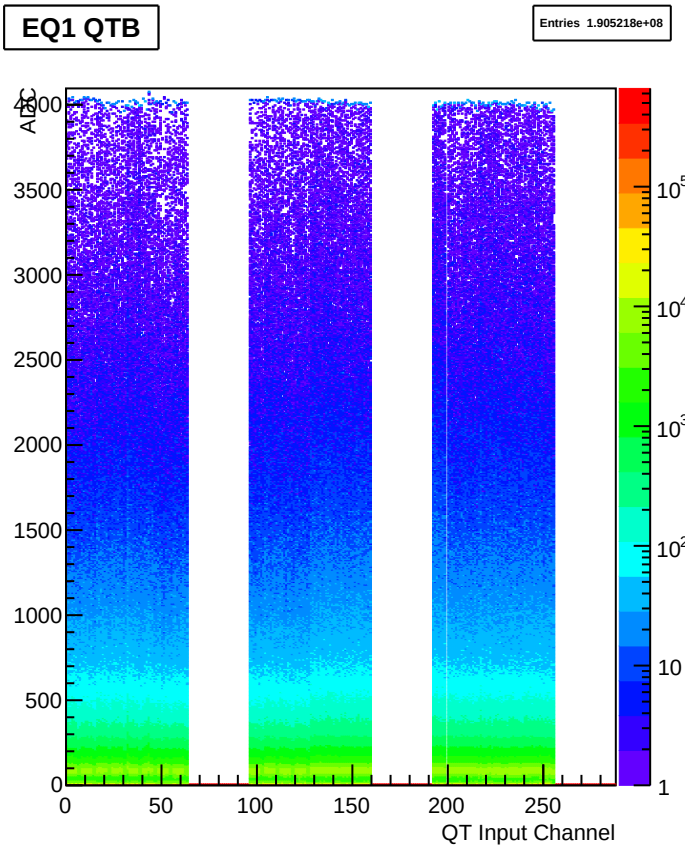

BBQ-ZD001 (ZDC TOWER)
Entries 1.058454e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

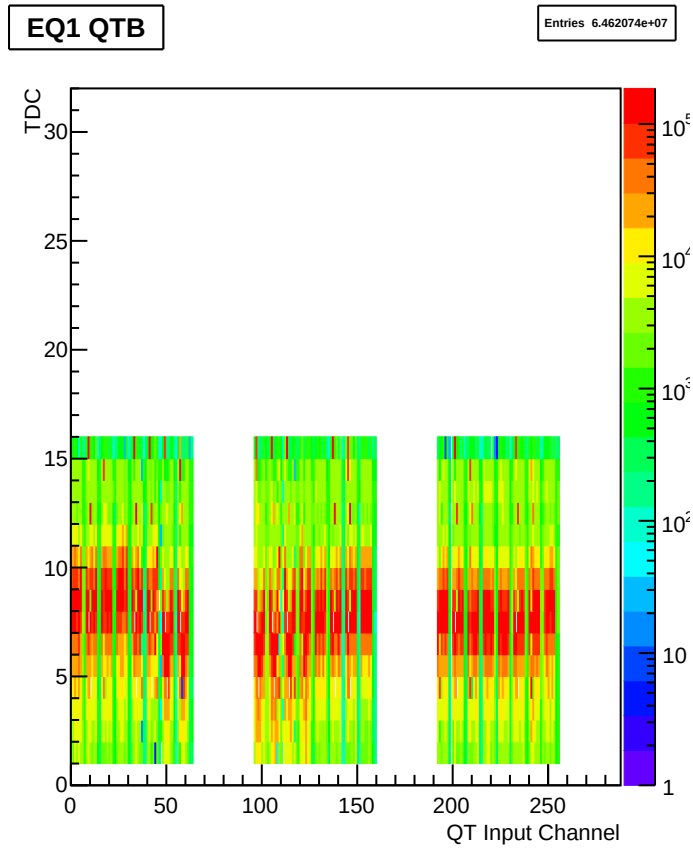

BBQ-VP001 East
Entries 1.058454e+07
ADC
QT Input Channel

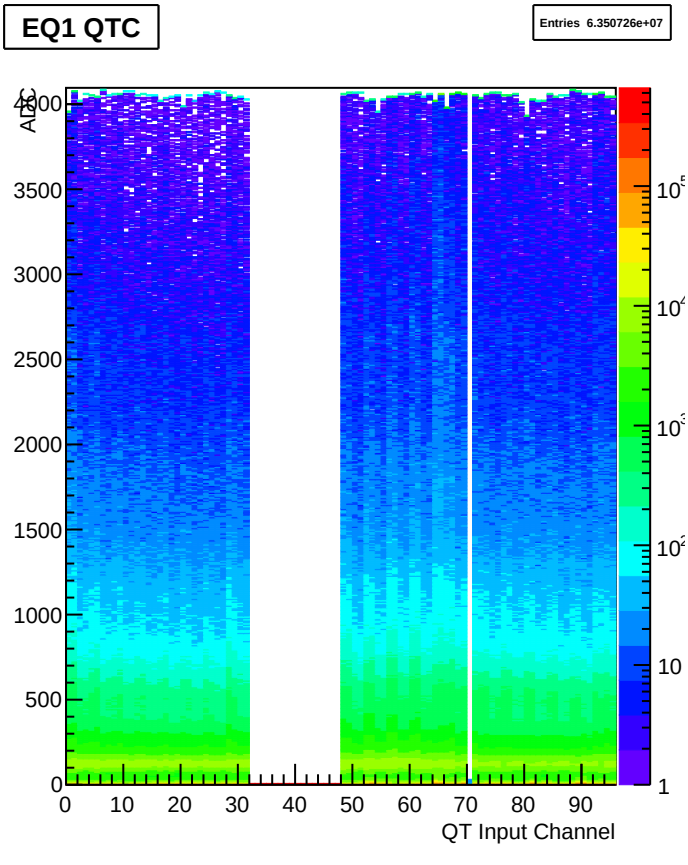

BBQ-VP001 East
Entries 1.058454e+07
ADC
QT Input Channel

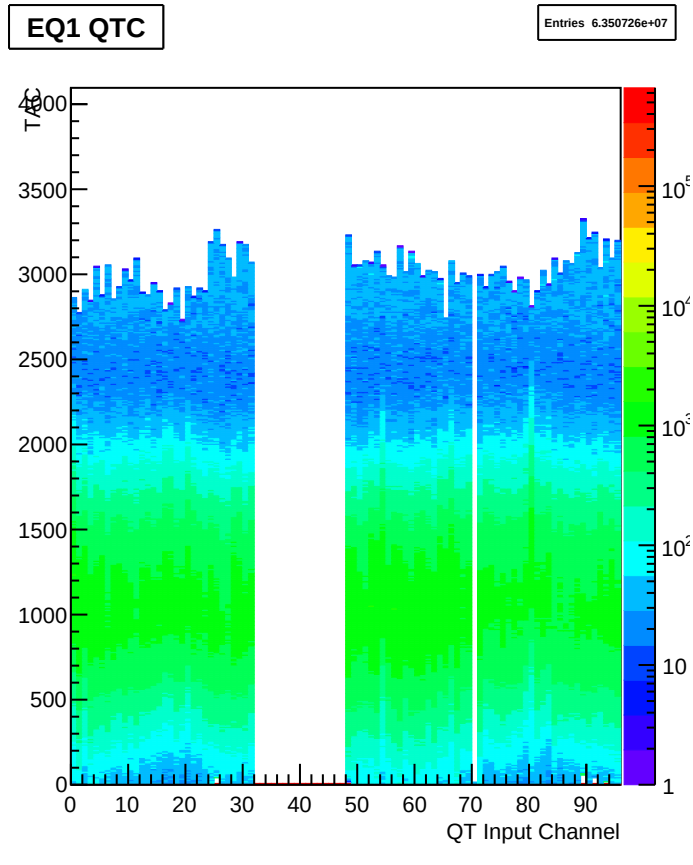

BBQ-VP002 West
Entries 1.058454e+07
ADC
QT Input Channel

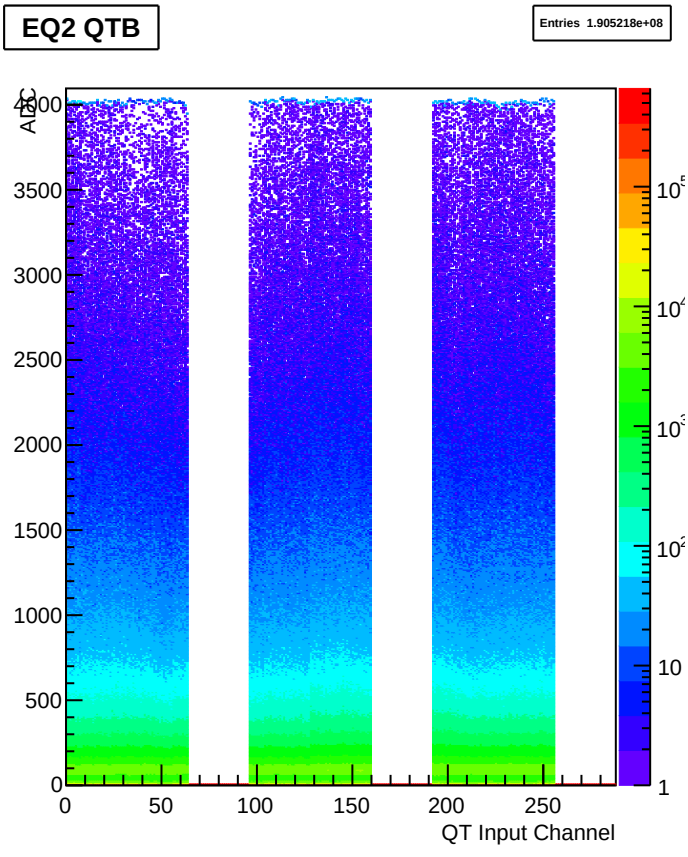

BBQ-VP002 West
Entries 1.058454e+07
ADC
QT Input Channel

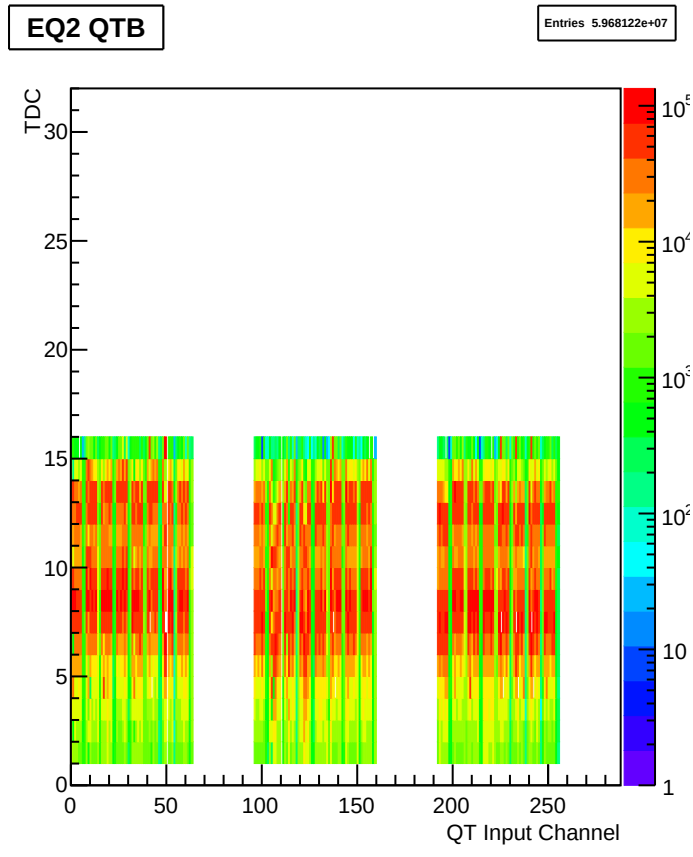

EQ1 QTB
Entries 1.905218e+08
ADC
QT Input Channel

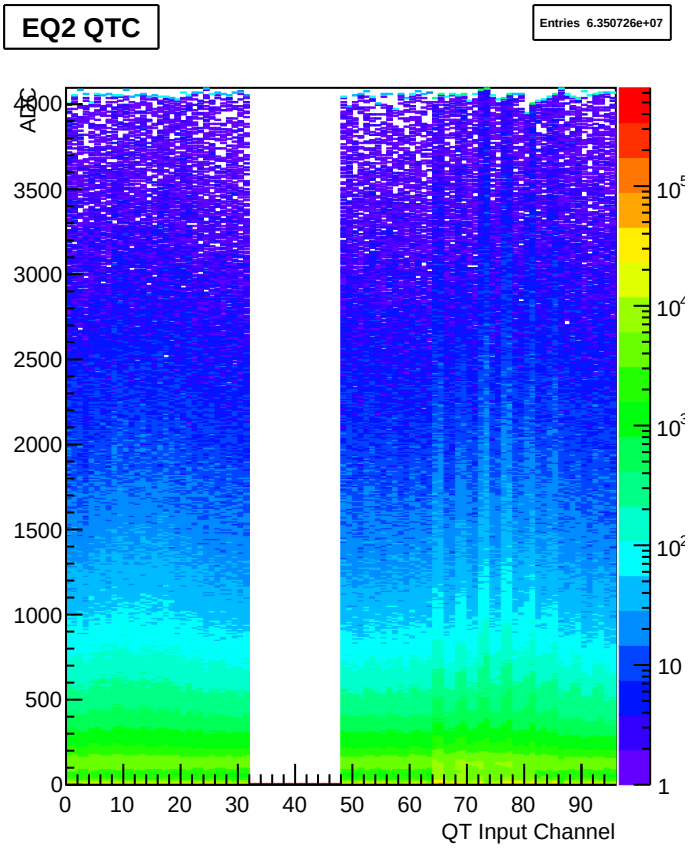

EQ1 QTB
Entries 6.462074e+07
TDC
QT Input Channel

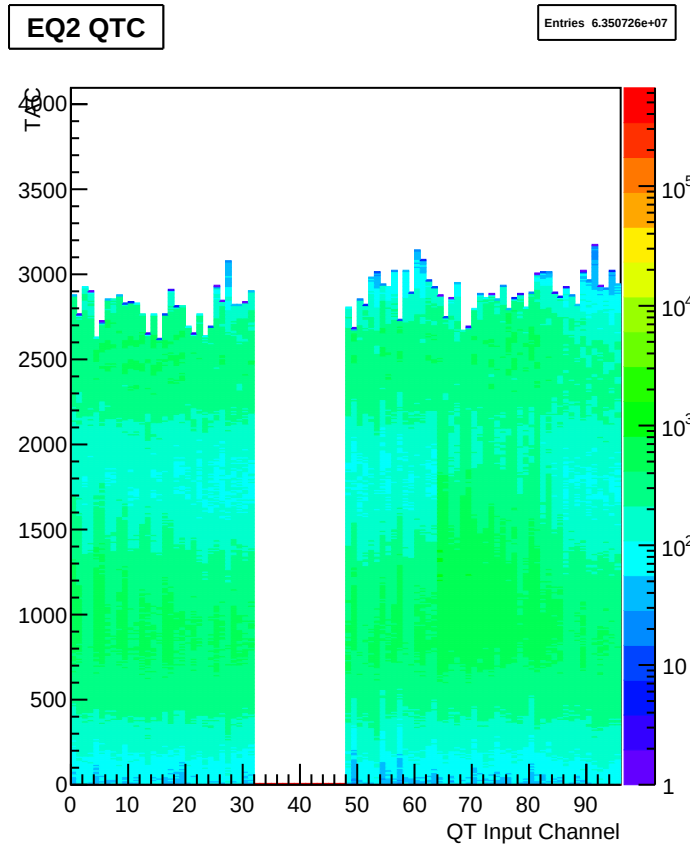

EQ1 QTC
Entries 6.350726e+07
ADC
QT Input Channel

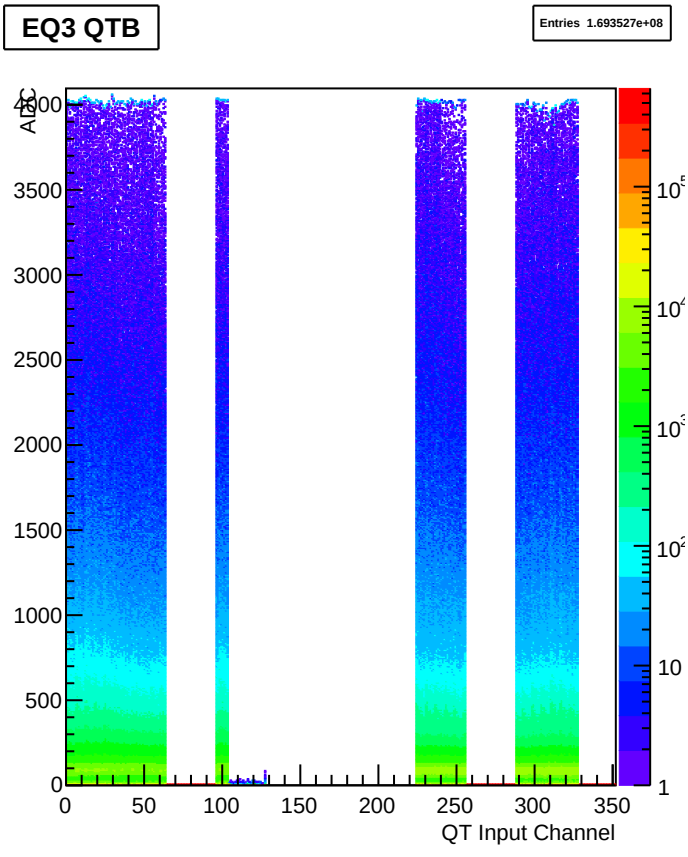

EQ1 QTC
Entries 6.350726e+07
TADC
QT Input Channel

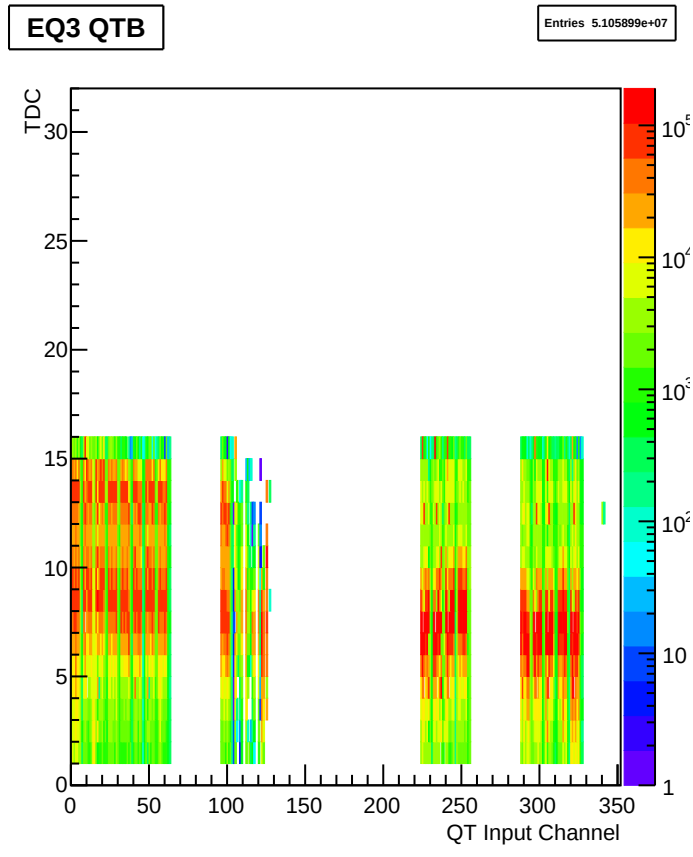

EQ2 QTB
Entries 1.905218e+08
ADC
QT Input Channel

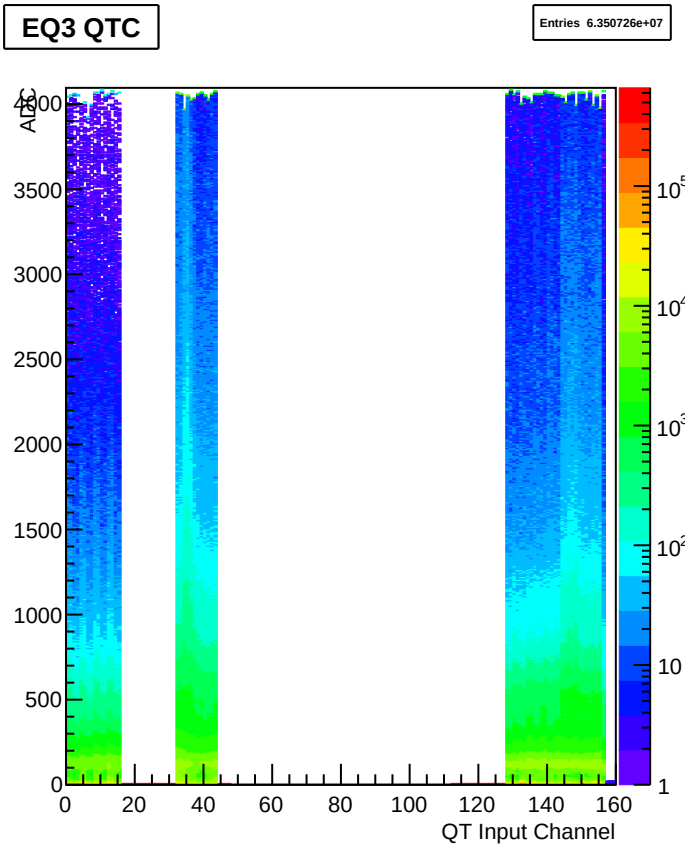

EQ2 QTB
Entries 5.968122e+07
TDC
QT Input Channel

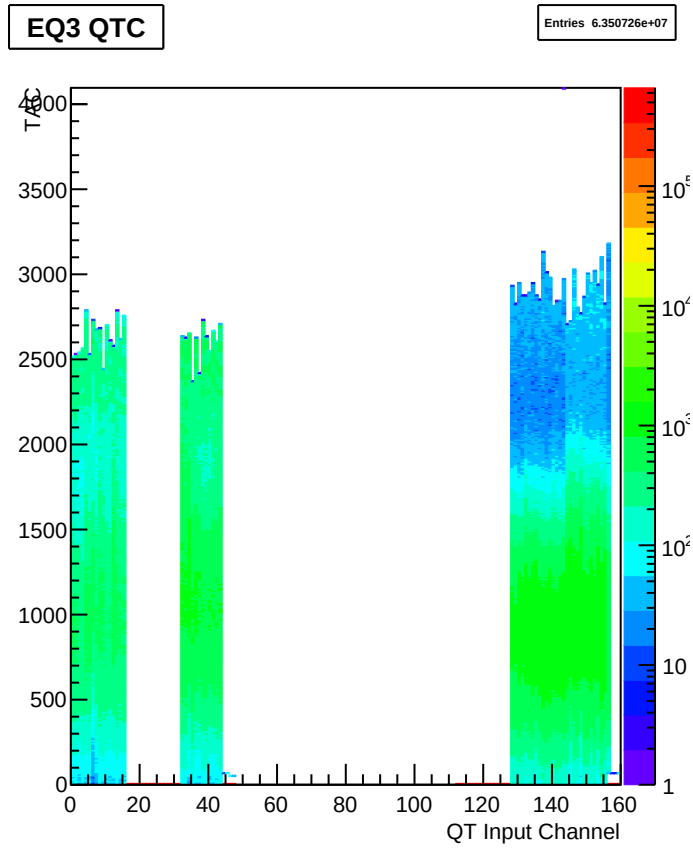

EQ2 QTC
Entries 6.350726e+07
ADC
QT Input Channel

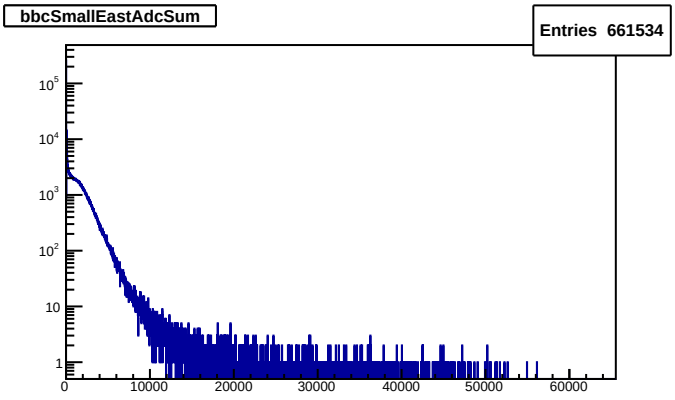

EQ2 QTC
Entries 6.350726e+07
TADC
QT Input Channel

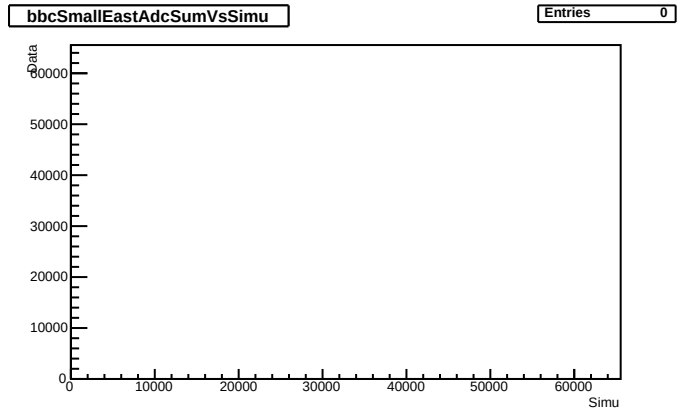

EQ3 QTB
Entries 1.693527e+08
ADC
QT Input Channel

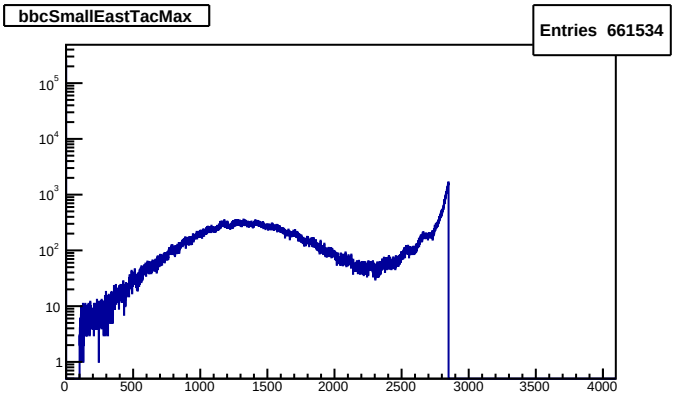

EQ3 QTB
Entries 5.105899e+07
TDC
QT Input Channel

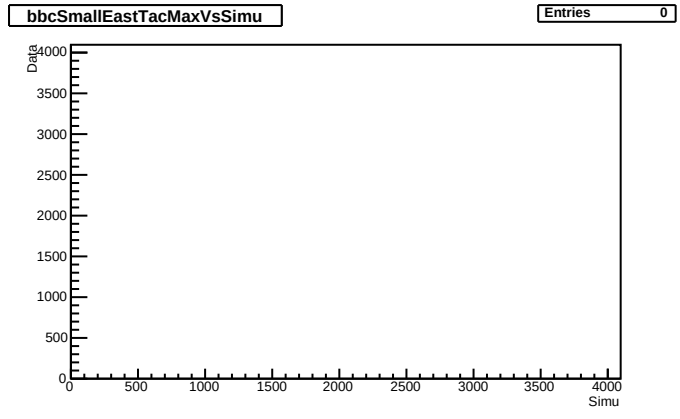

EQ3 QTC
Entries 6.350726e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.350726e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 661534


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 661534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Entries 0
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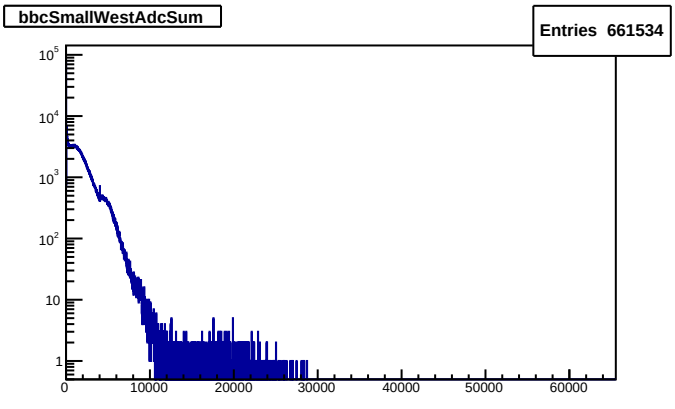
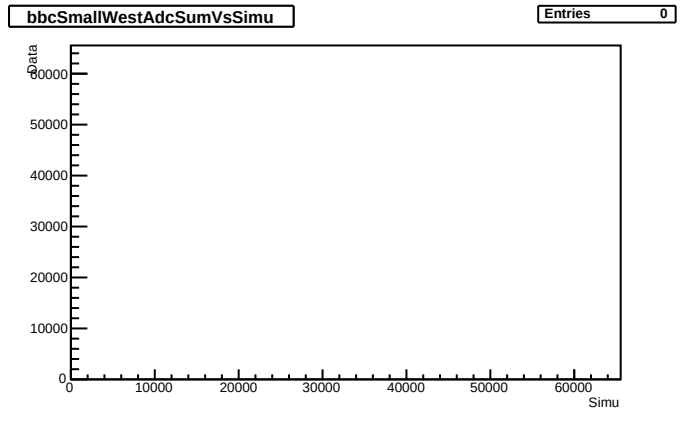

bbcSmallWestAdcSum
Entries 661534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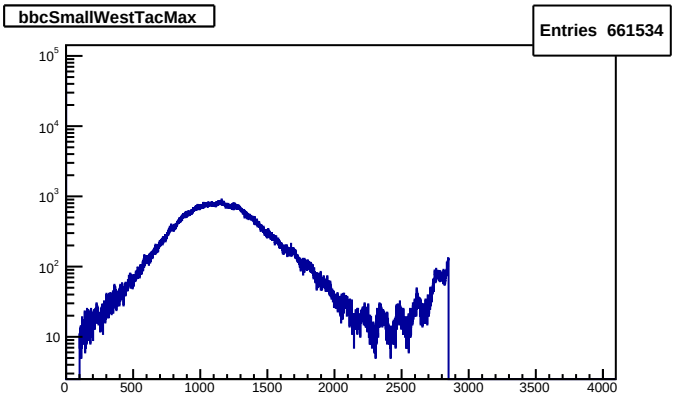
Entries 0
Data
Simu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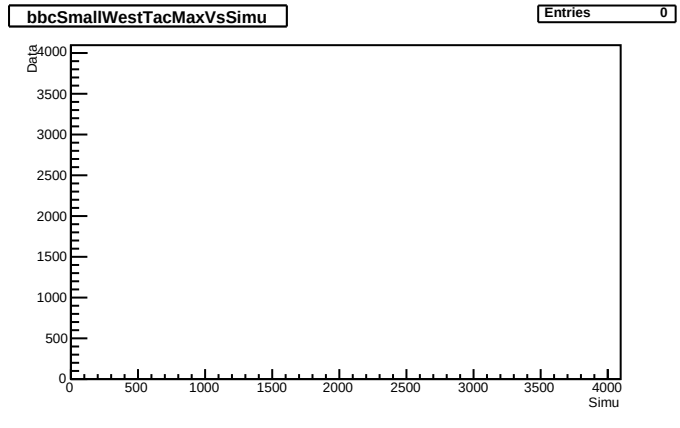
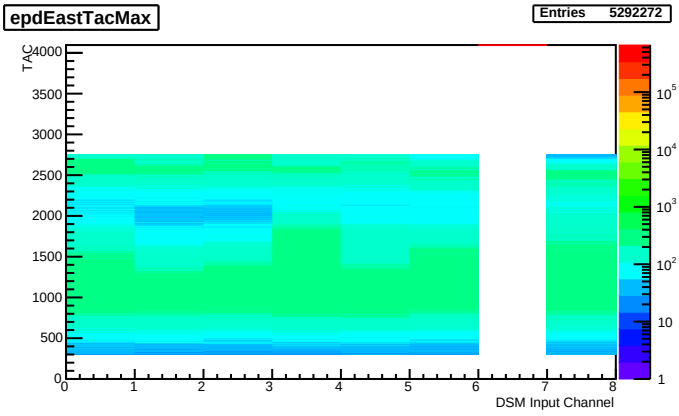
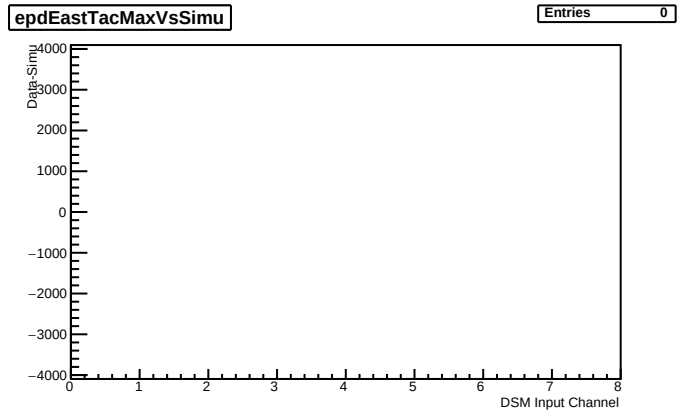
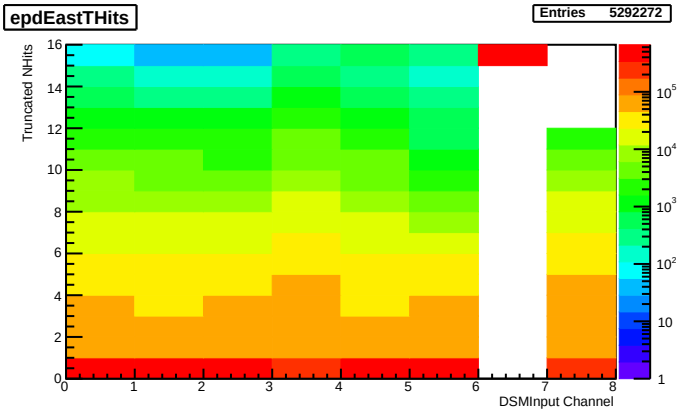
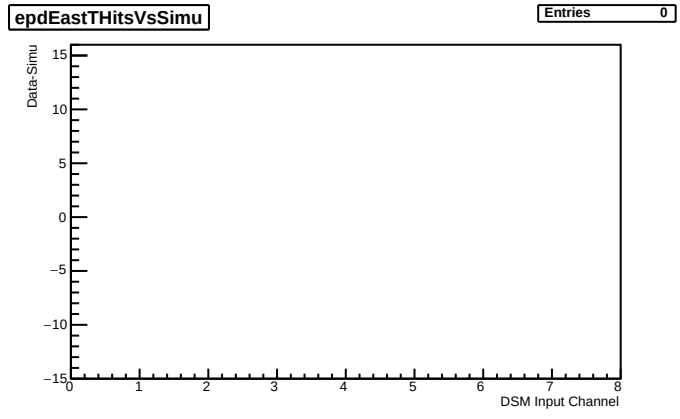
Entries 661534


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5292272
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5292272
Truncated NHits
DSMInput Channel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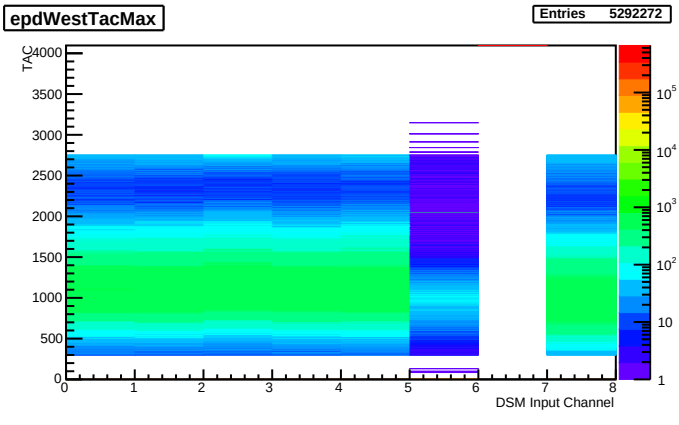
Entries 0
Data-Simu
DSM Input Channel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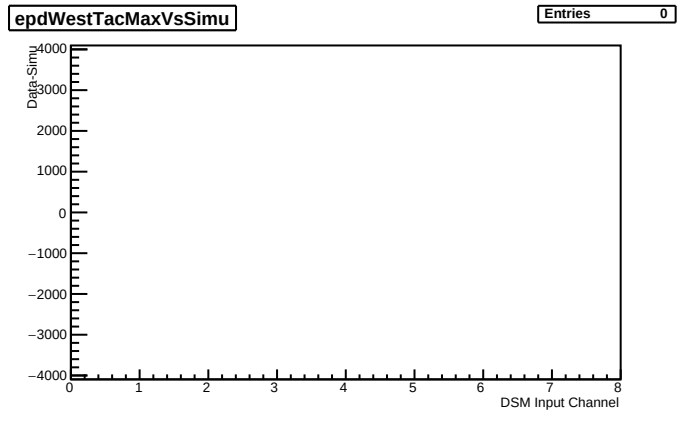
Entries 5292272
TAC
DSM Input Channel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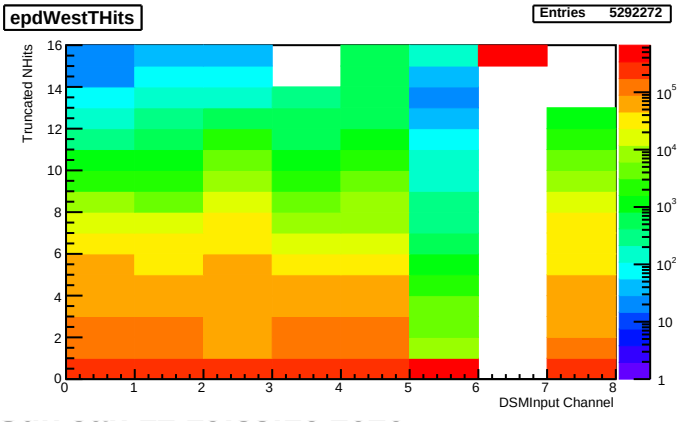
Entries 0
Data-Simu
DSM Input Channel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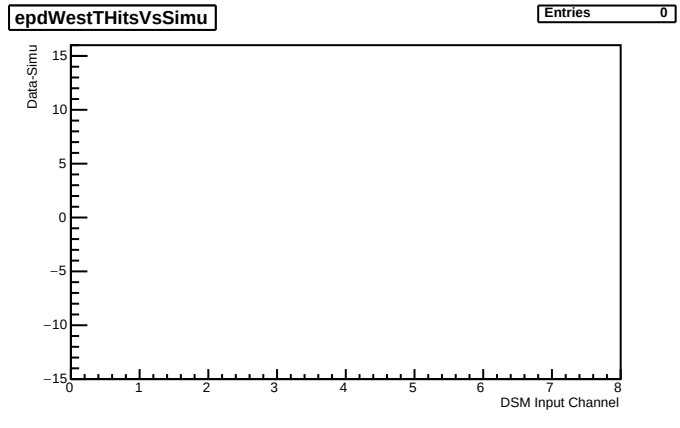
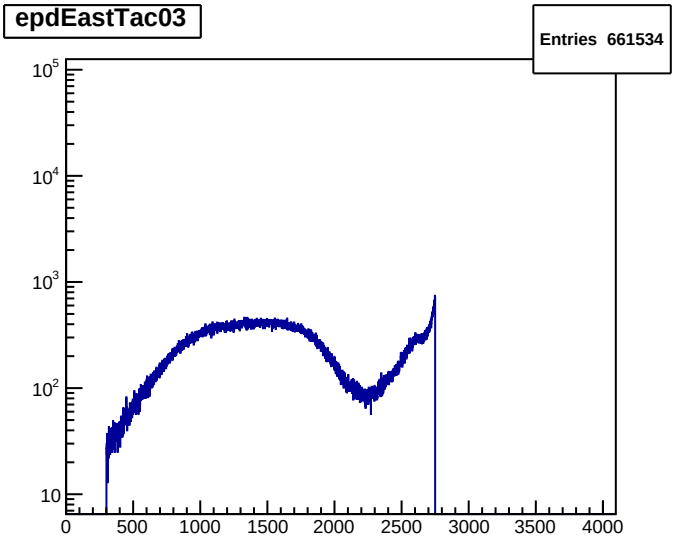
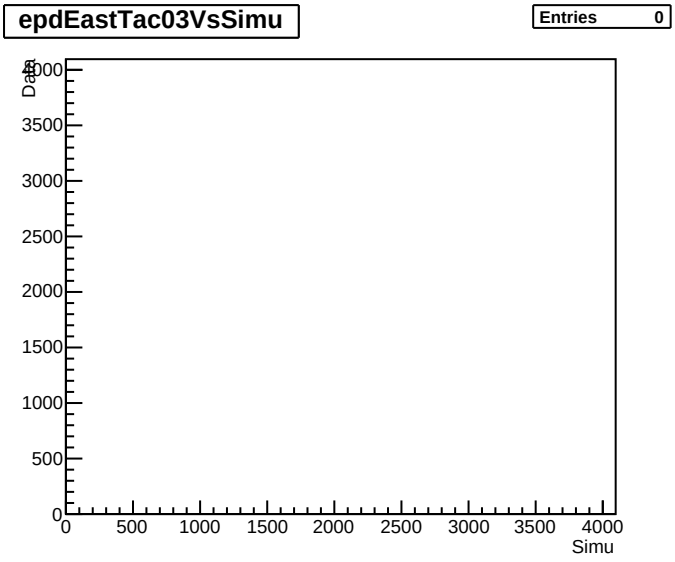
Entries 5292272
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 661534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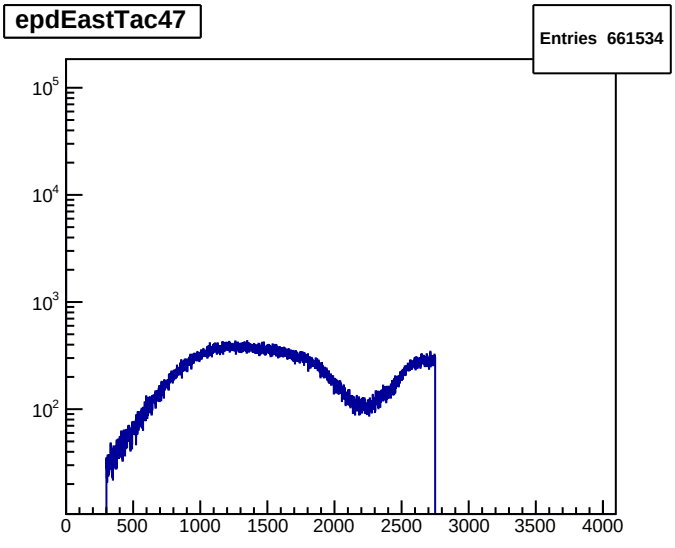
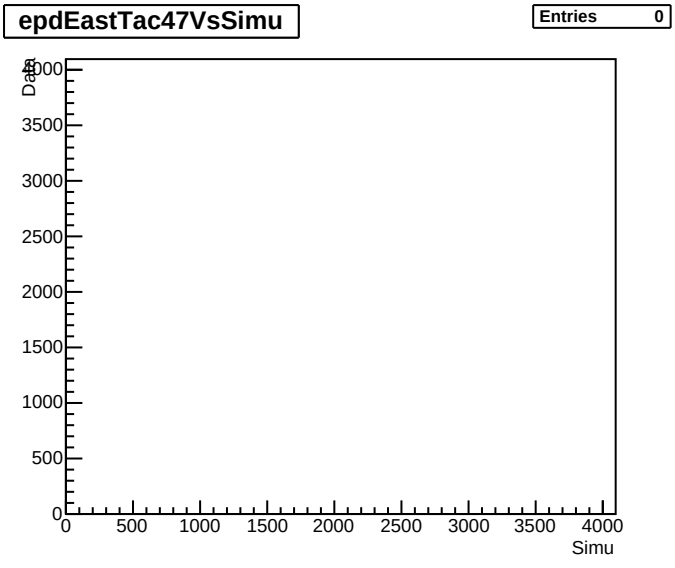
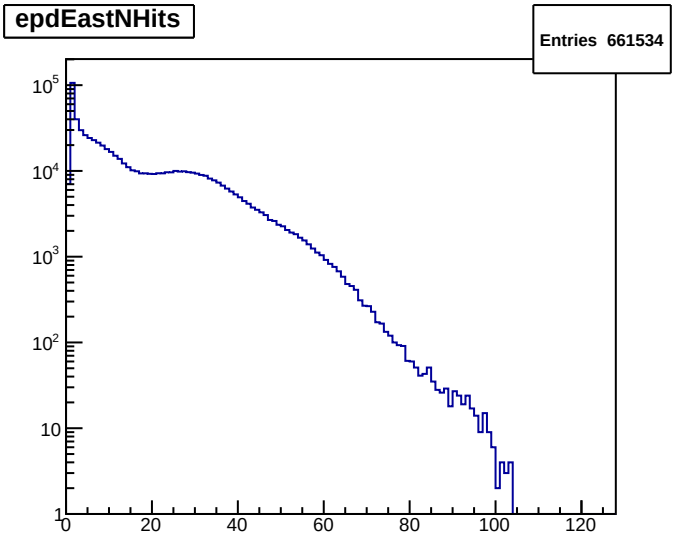
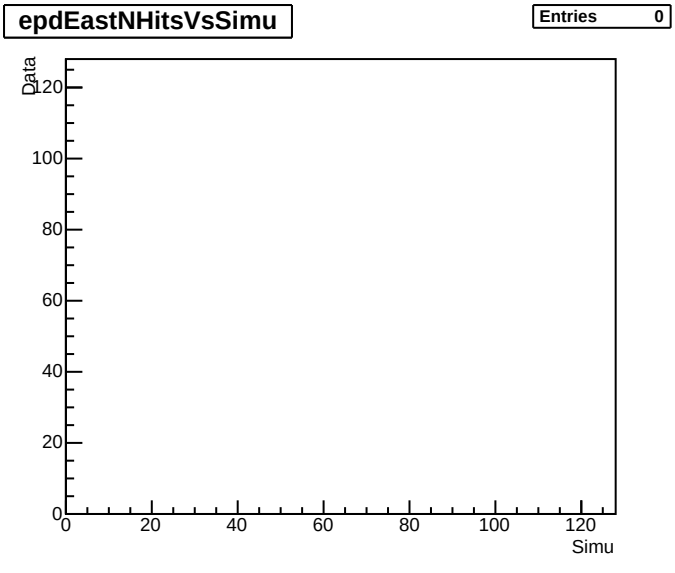
Entries 0
Data
Simu


epdEastTac47
Entries 661534


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 661534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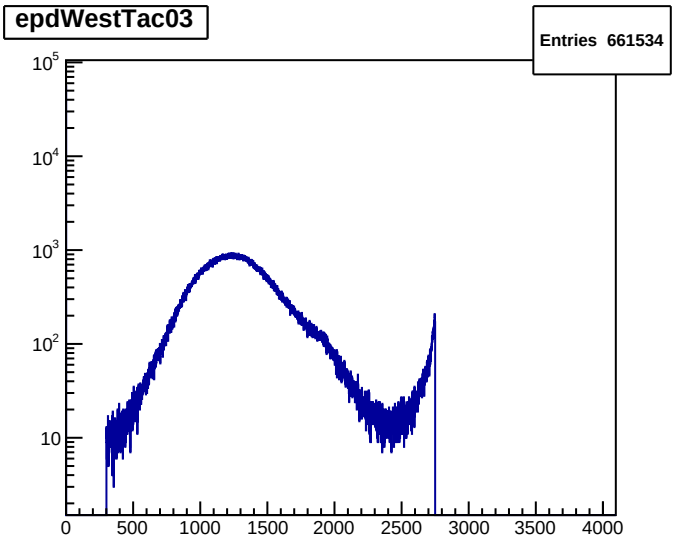
Entries 0
Data
Simu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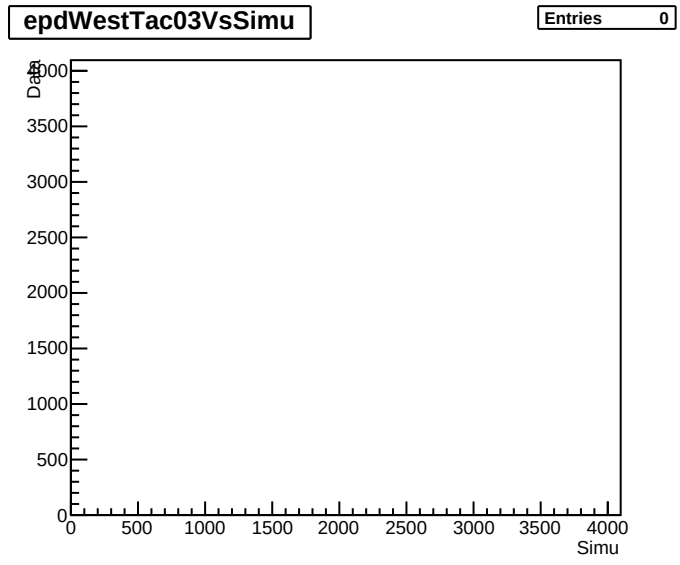
Entries 661534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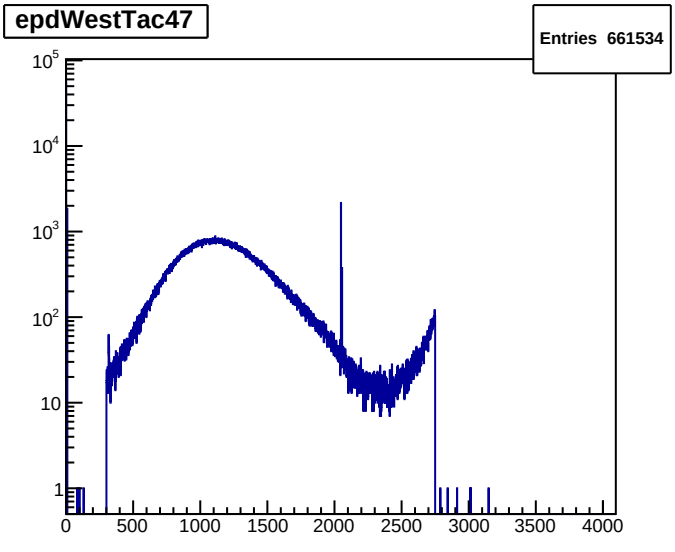
Entries 0
Data
Simu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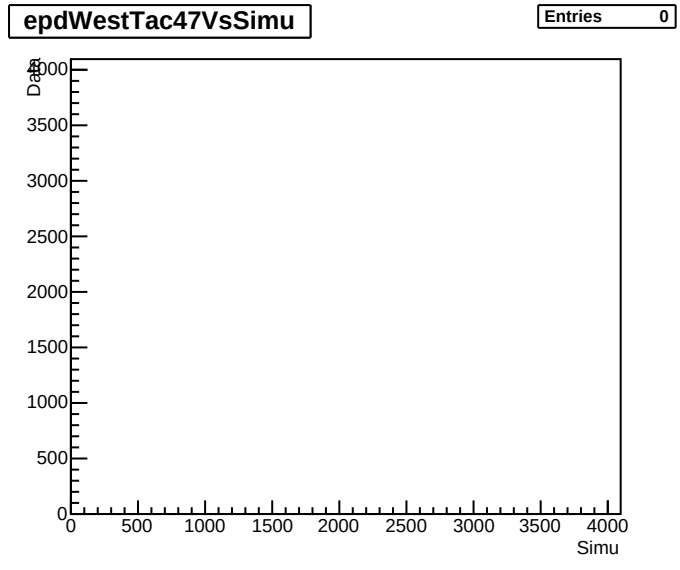
Entries 661534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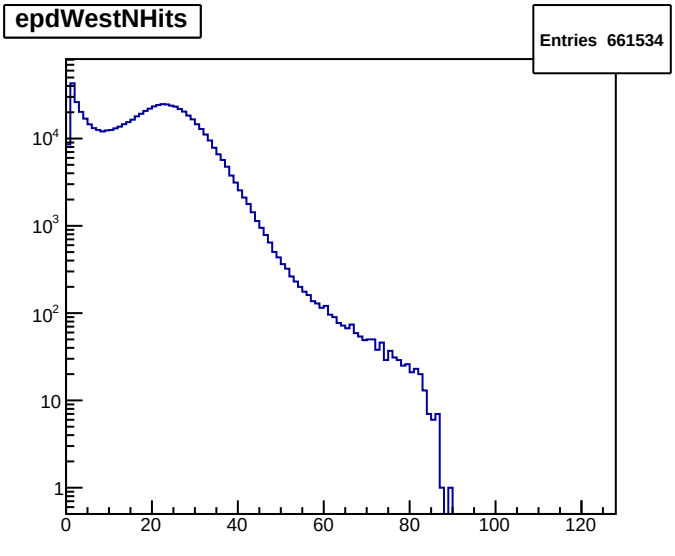
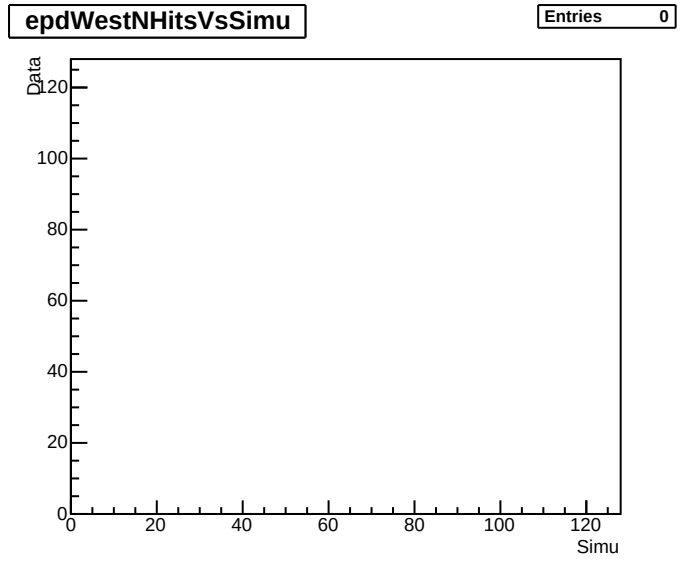
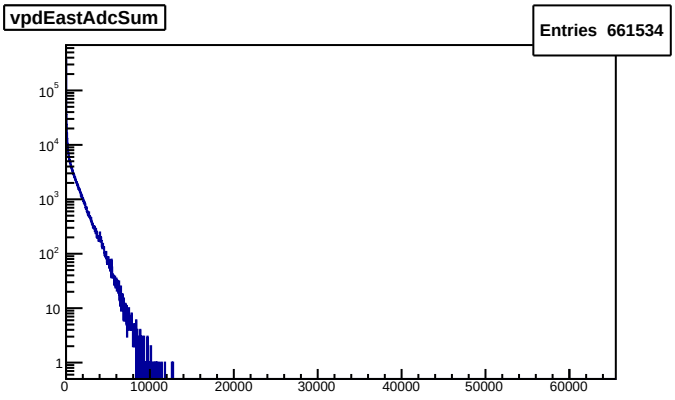
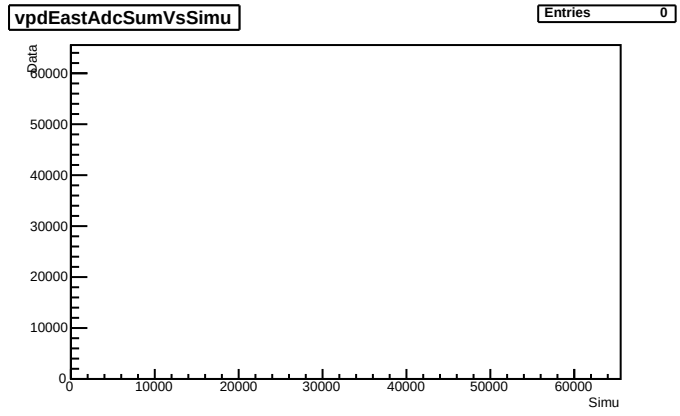
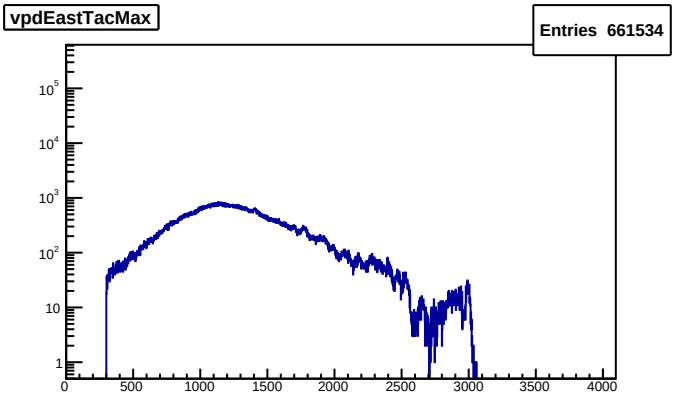
Entries 0
Data
Simu

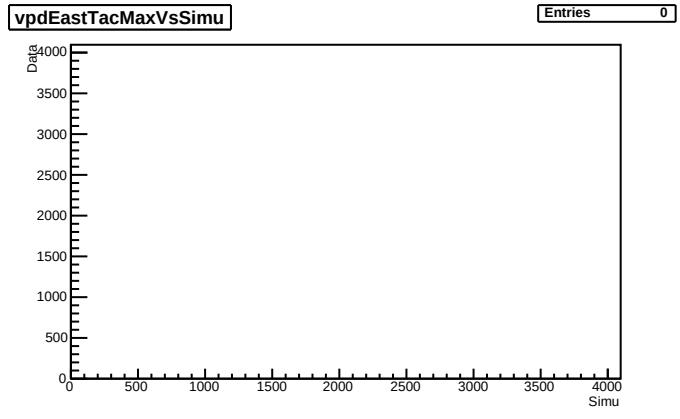

epdWestNHits
Entries 661534


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 661534


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 661534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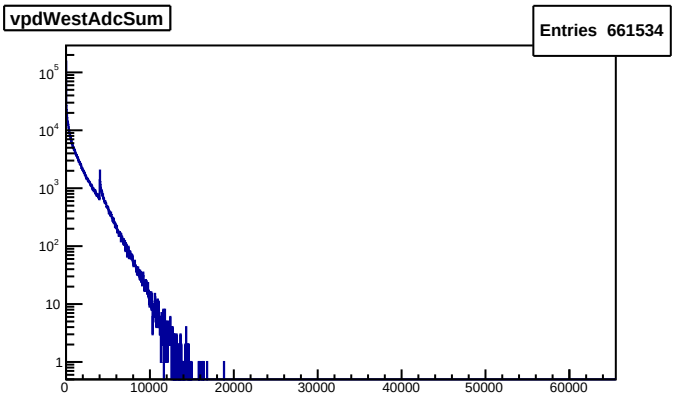
Entries 0
Data
Simu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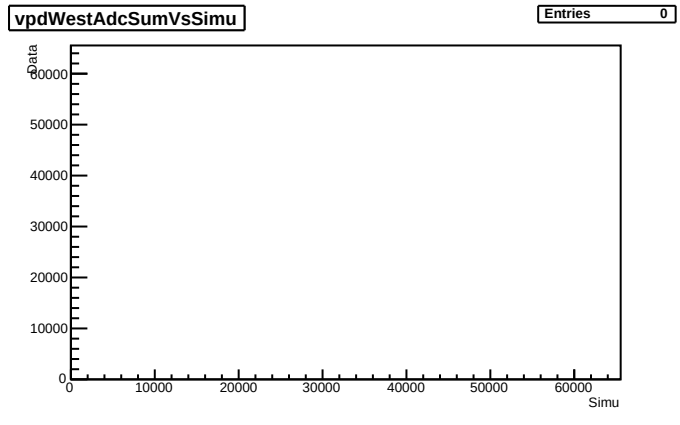
Entries 661534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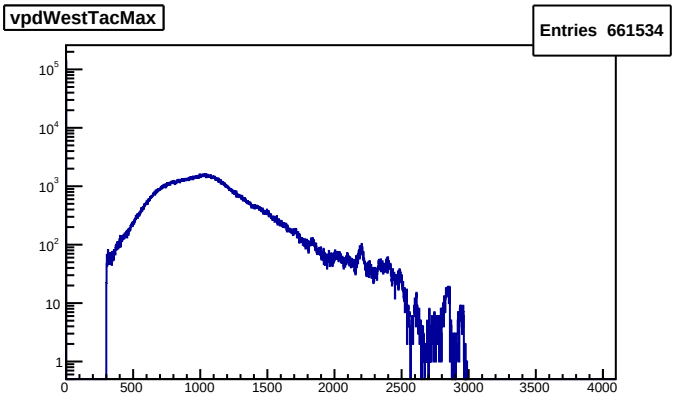
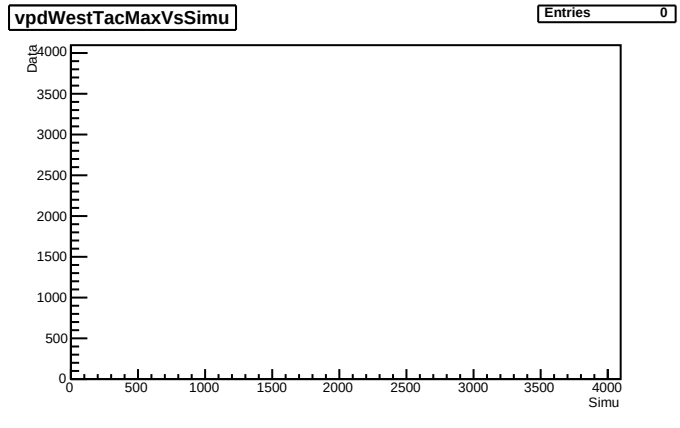
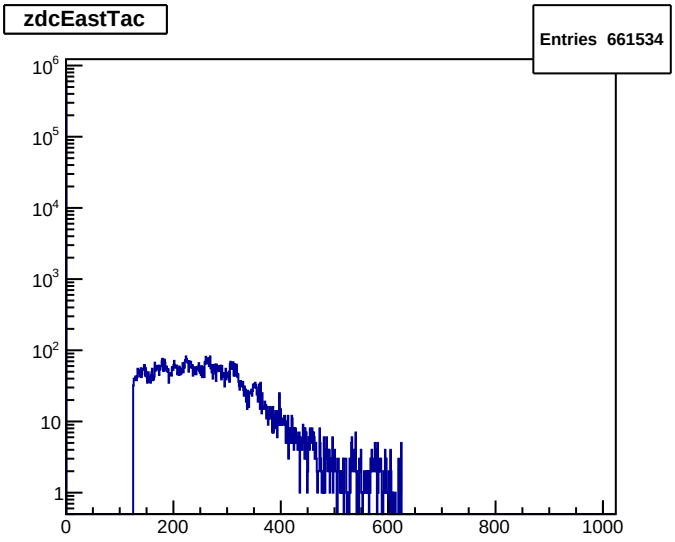
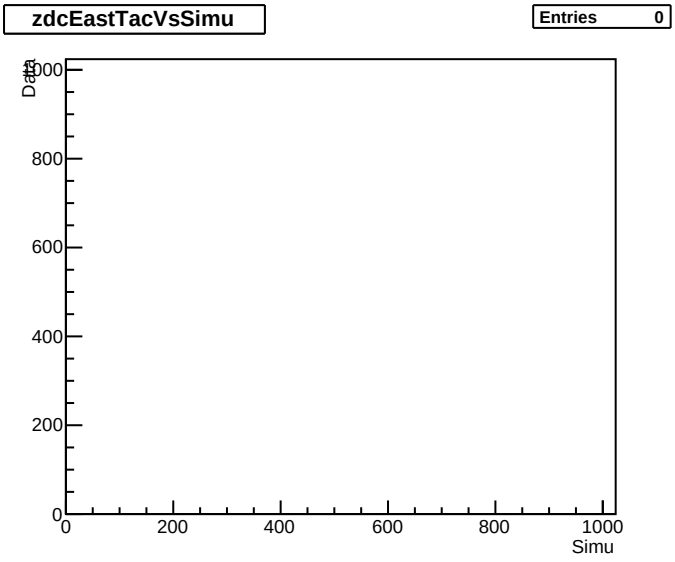
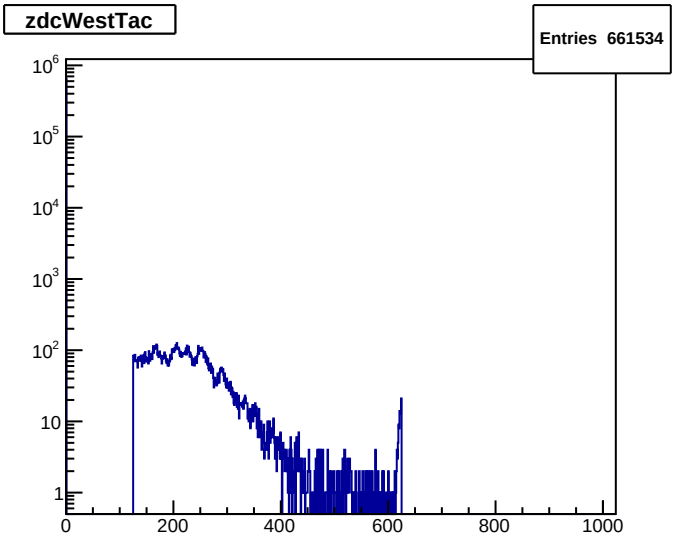
Entries 0
Data
Simu

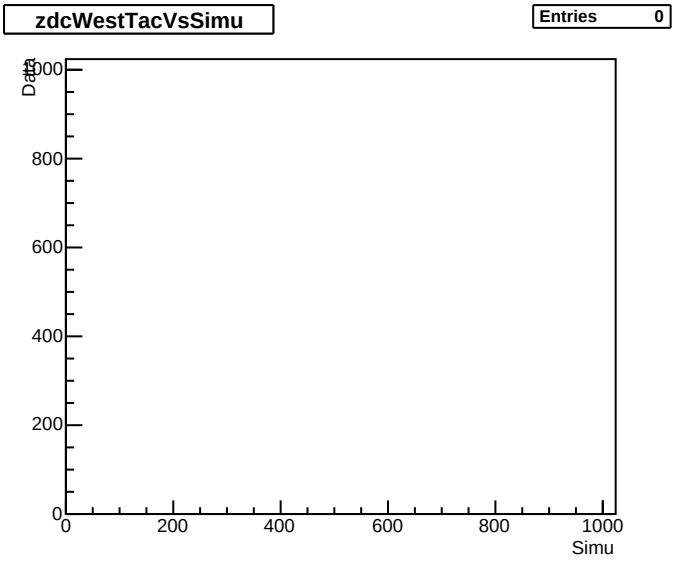

vpdWestTacMax
Entries 661534

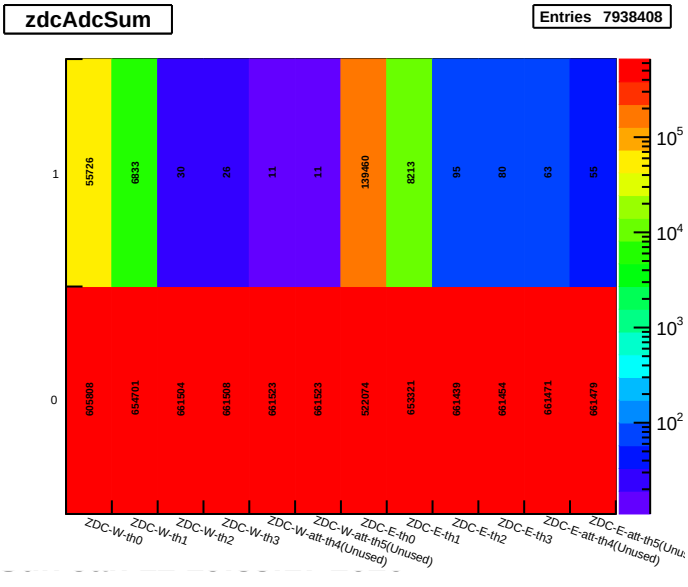

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

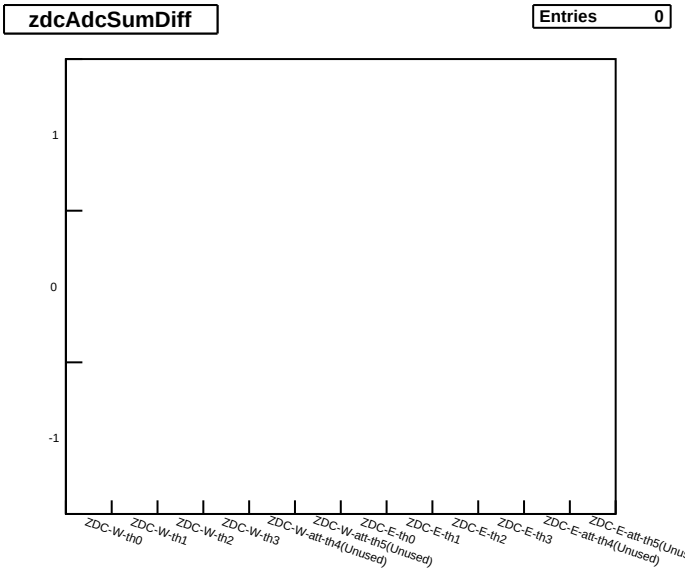

zdcEastTac
Entries 661534

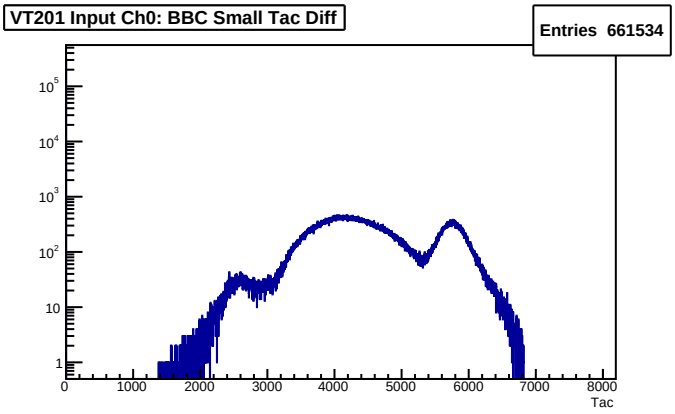

zdcEastTacVsSimu
Entries 0
Data
Simu

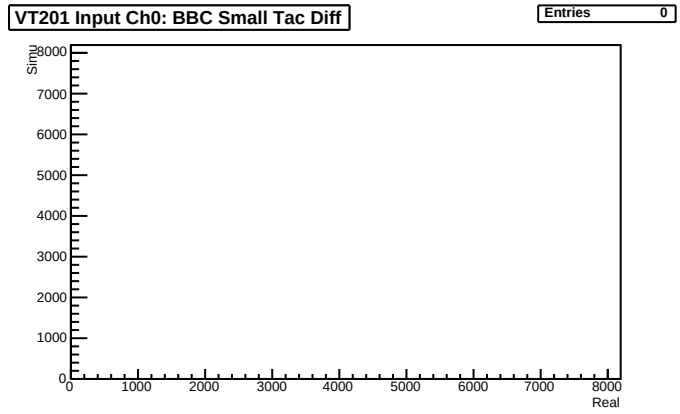

zdcWestTac
Entries 661534

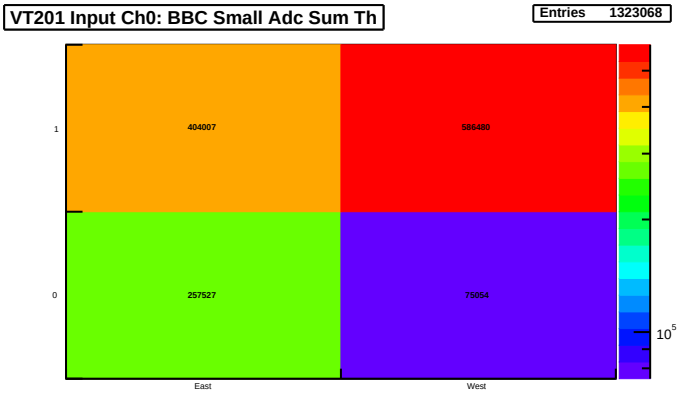

zdcWestTacVsSimu
Entries 0
Data
Simu

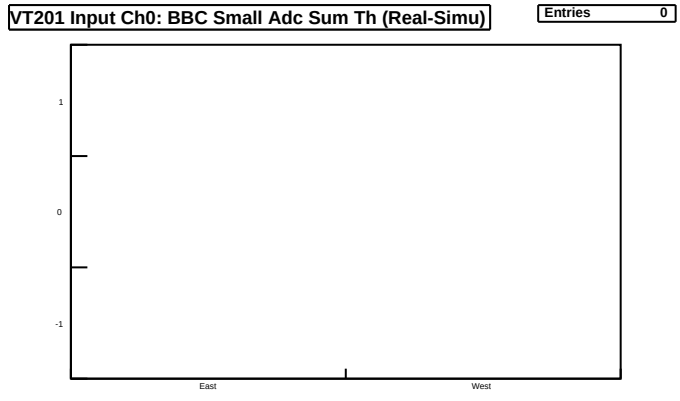

zdcAdcSum
Entries 7938408
55726
6833
30
26
11
11
139460
8213
95
80
63
55
605808
654701
661504
661508
661523
661523
522074
655321
661439
661454
661471
661479
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

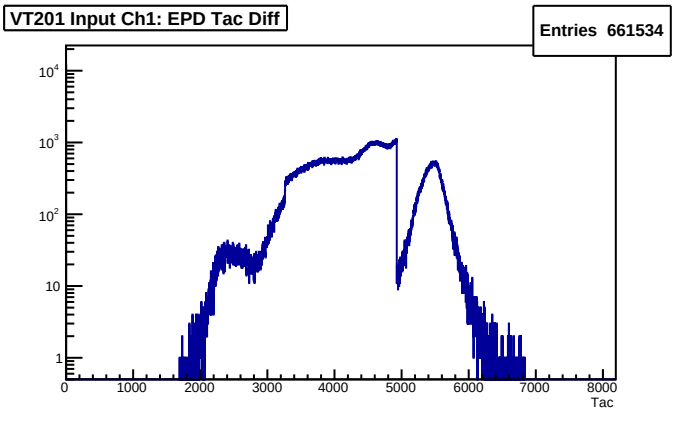

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

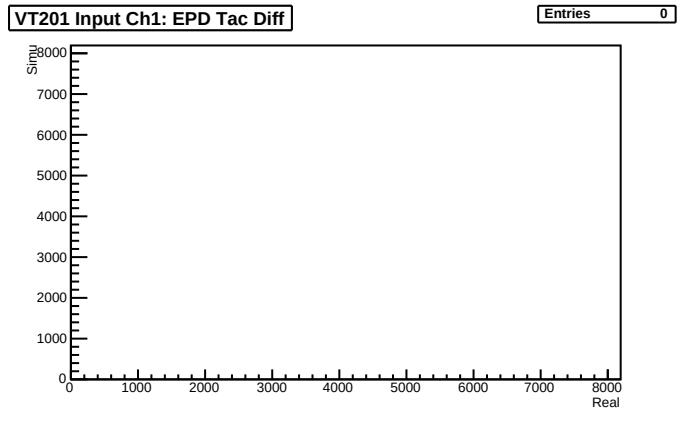

VT201 Input Ch0: BBC Small Tac Diff
Entries 661534
Tac

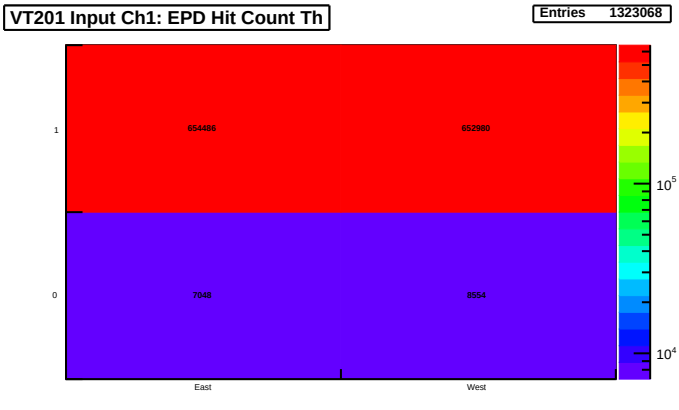

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

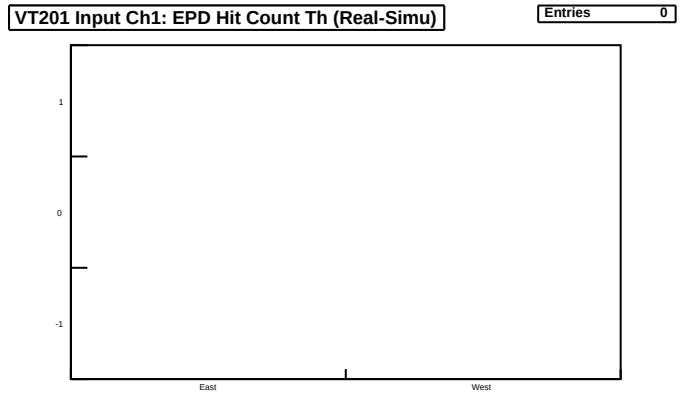

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1323068
404007
586480
257527
75054
East
West

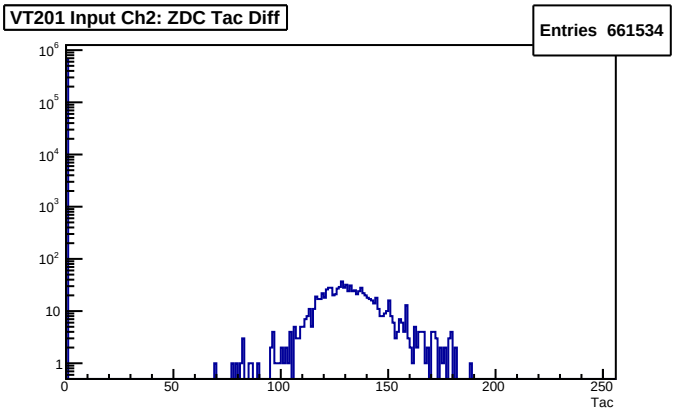

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

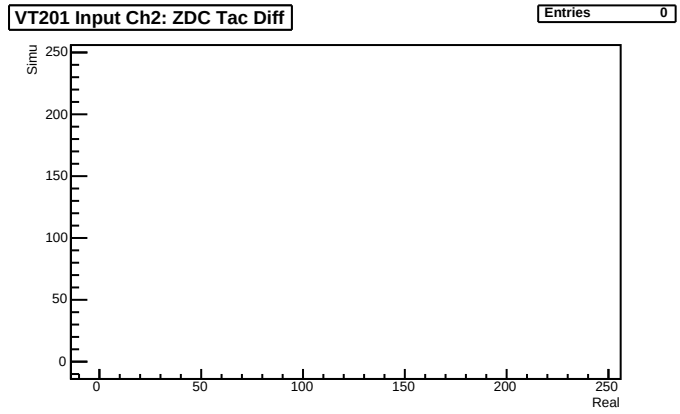

VT201 Input Ch1: EPD Tac Diff
Entries 661534
Tac

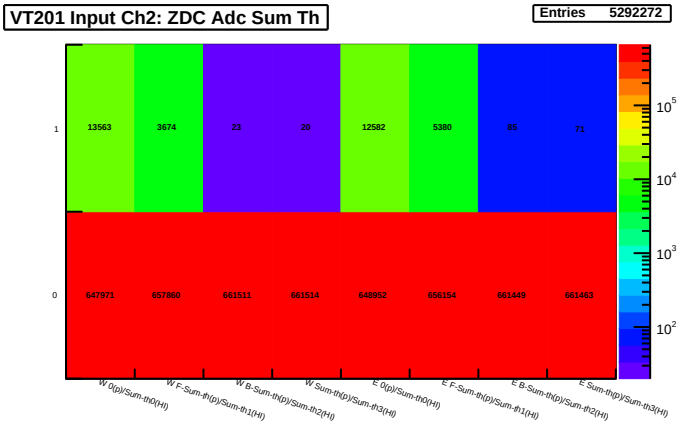

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

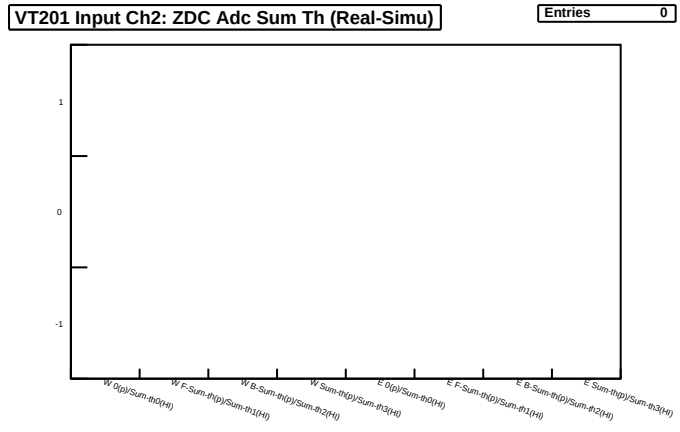

VT201 Input Ch1: EPD Hit Count Th
Entries 1323068
654486
652980
7048
8554
East
West

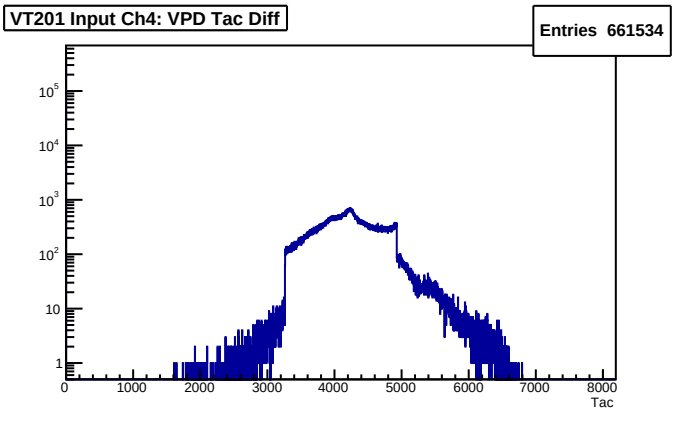

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

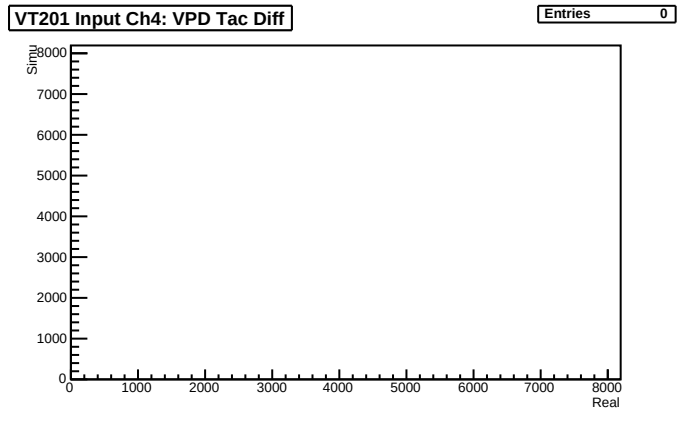

VT201 Input Ch2: ZDC Tac Diff
Entries 661534
Tac

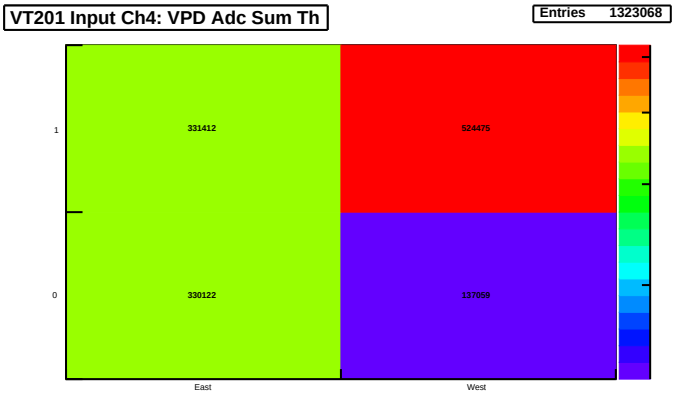

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

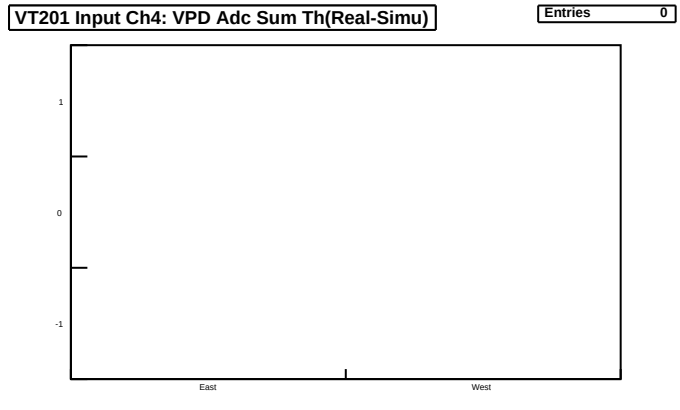

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5292272
13563
3674
23
20
12582
5380
85
71
647971
657860
661511
661514
648952
656154
661449
661463
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

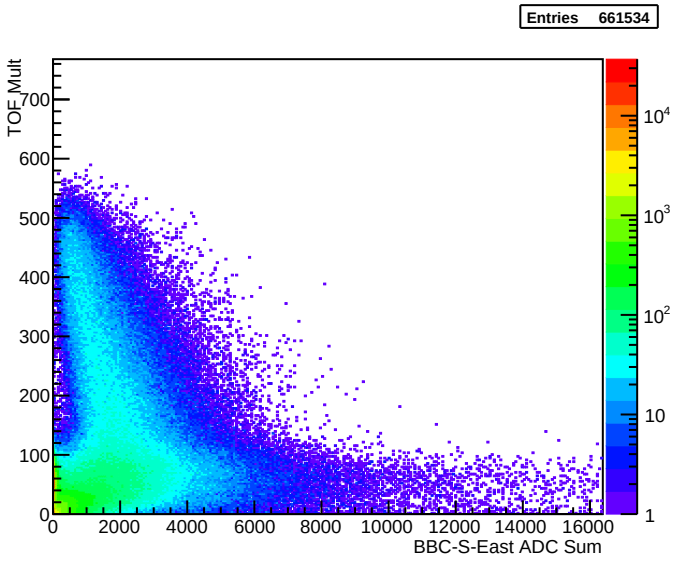

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

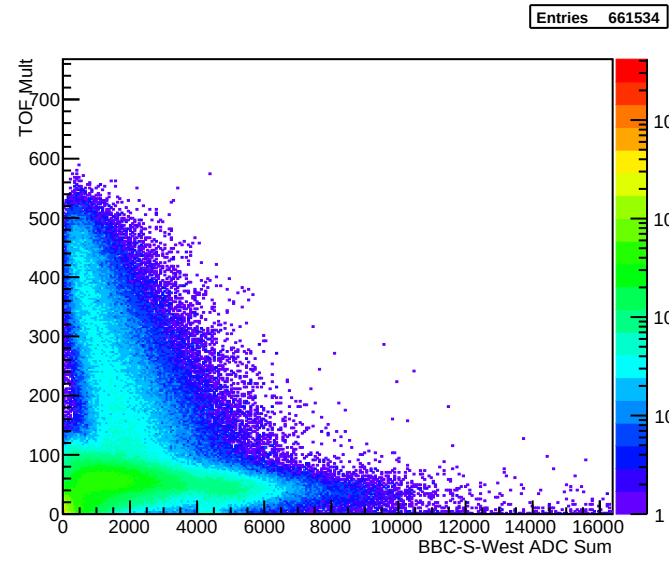

VT201 Input Ch4: VPD Tac Diff
Entries 661534
Tac

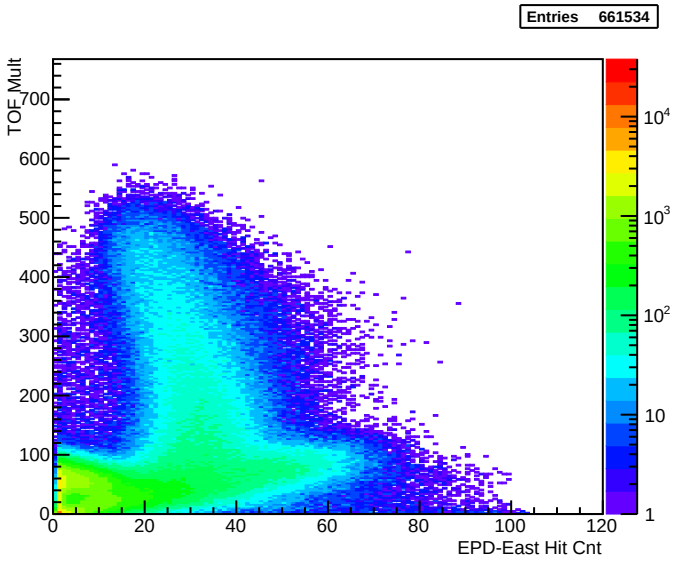

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

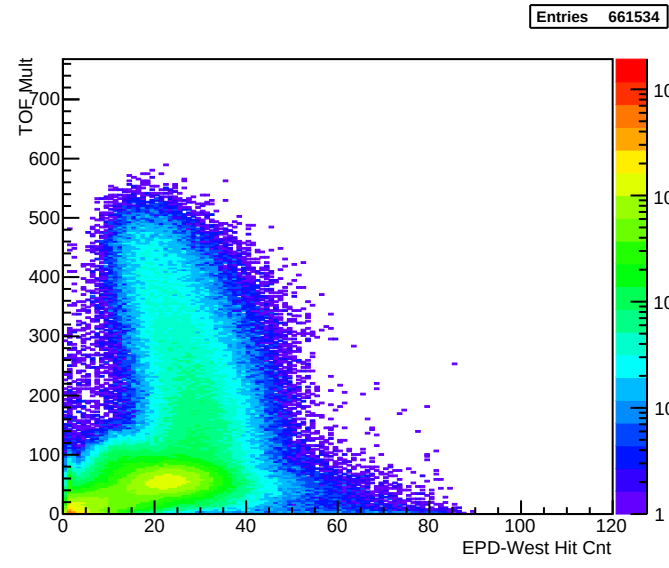

VT201 Input Ch4: VPD Adc Sum Th
Entries 1323068
331412
524475
330122
137059
East
West

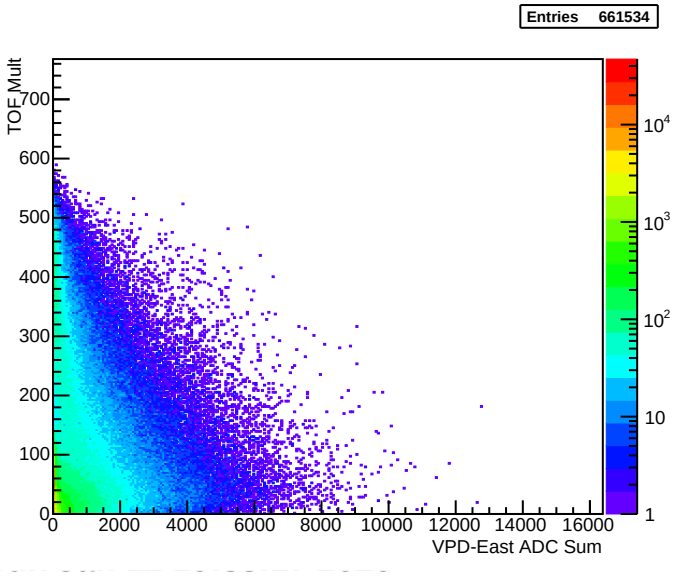

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

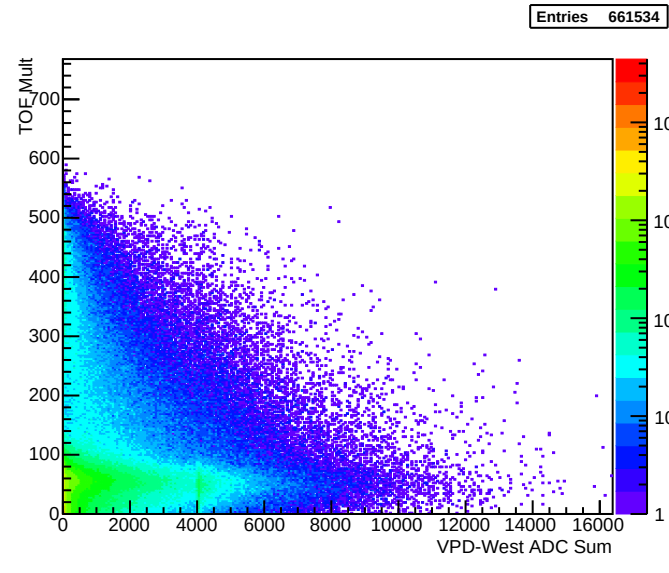

Entries 661534
TOF_Mult
BBC-S-East ADC Sum

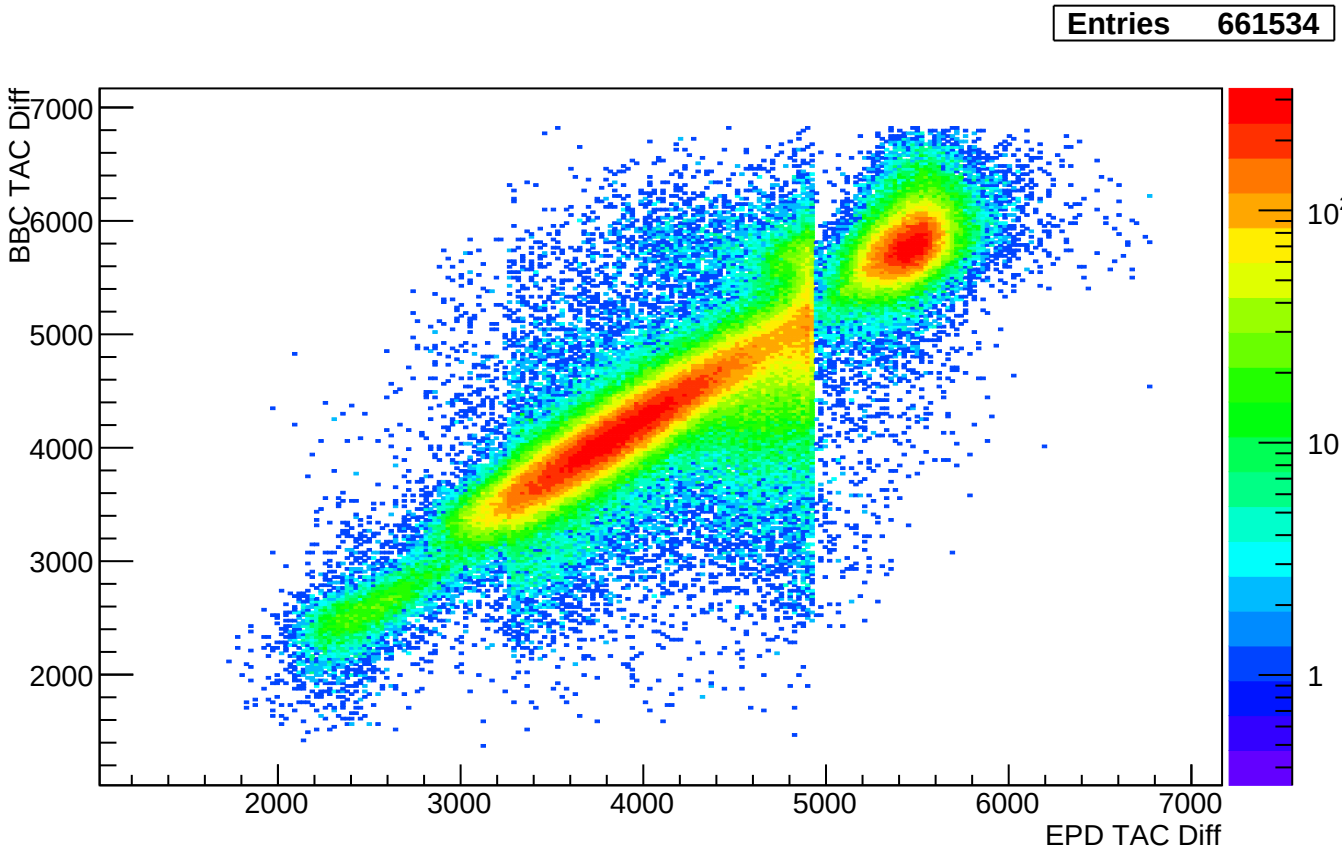

Entries 661534
TOF_Mult
BBC-S-West ADC Sum

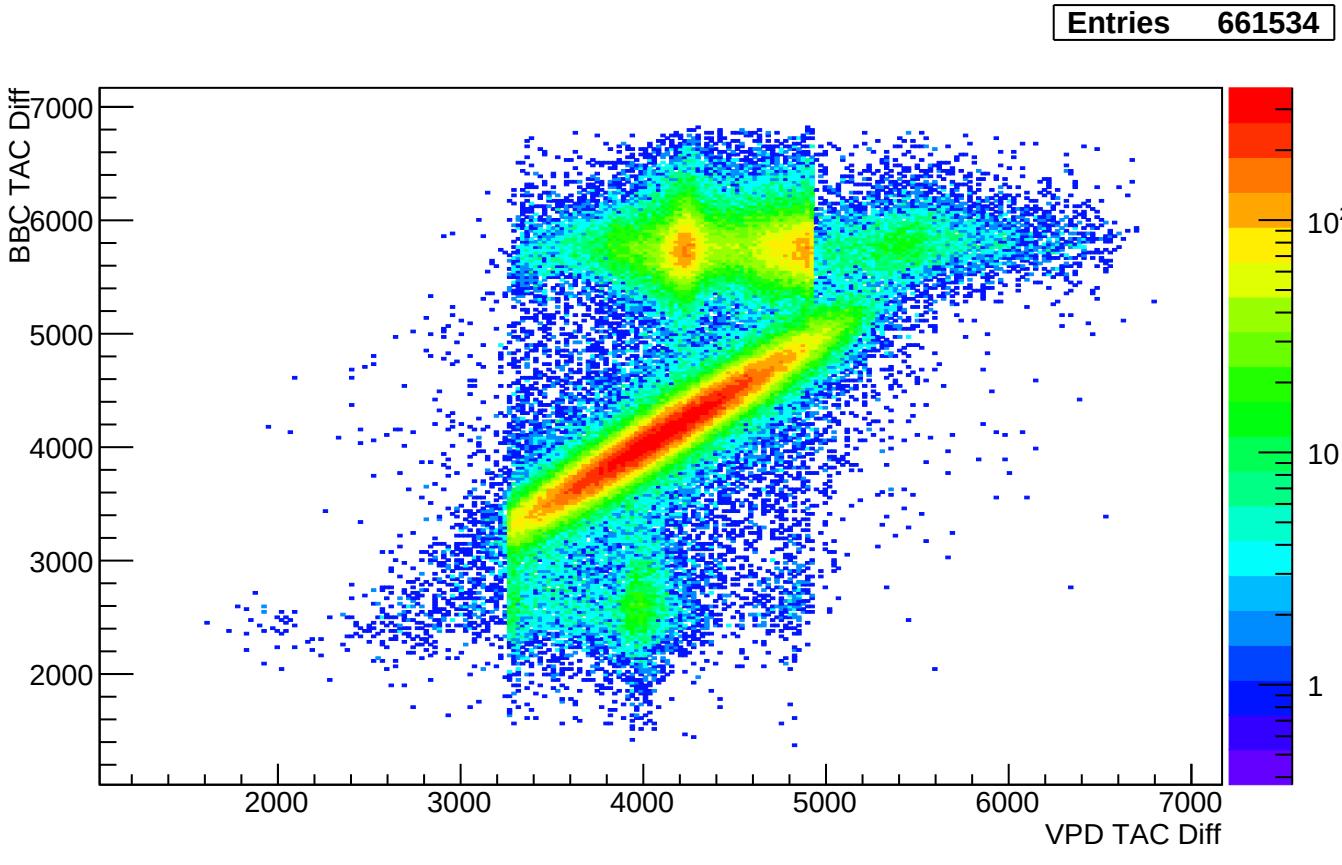

Entries 661534
TOF_Mult
EPD-East Hit Cnt

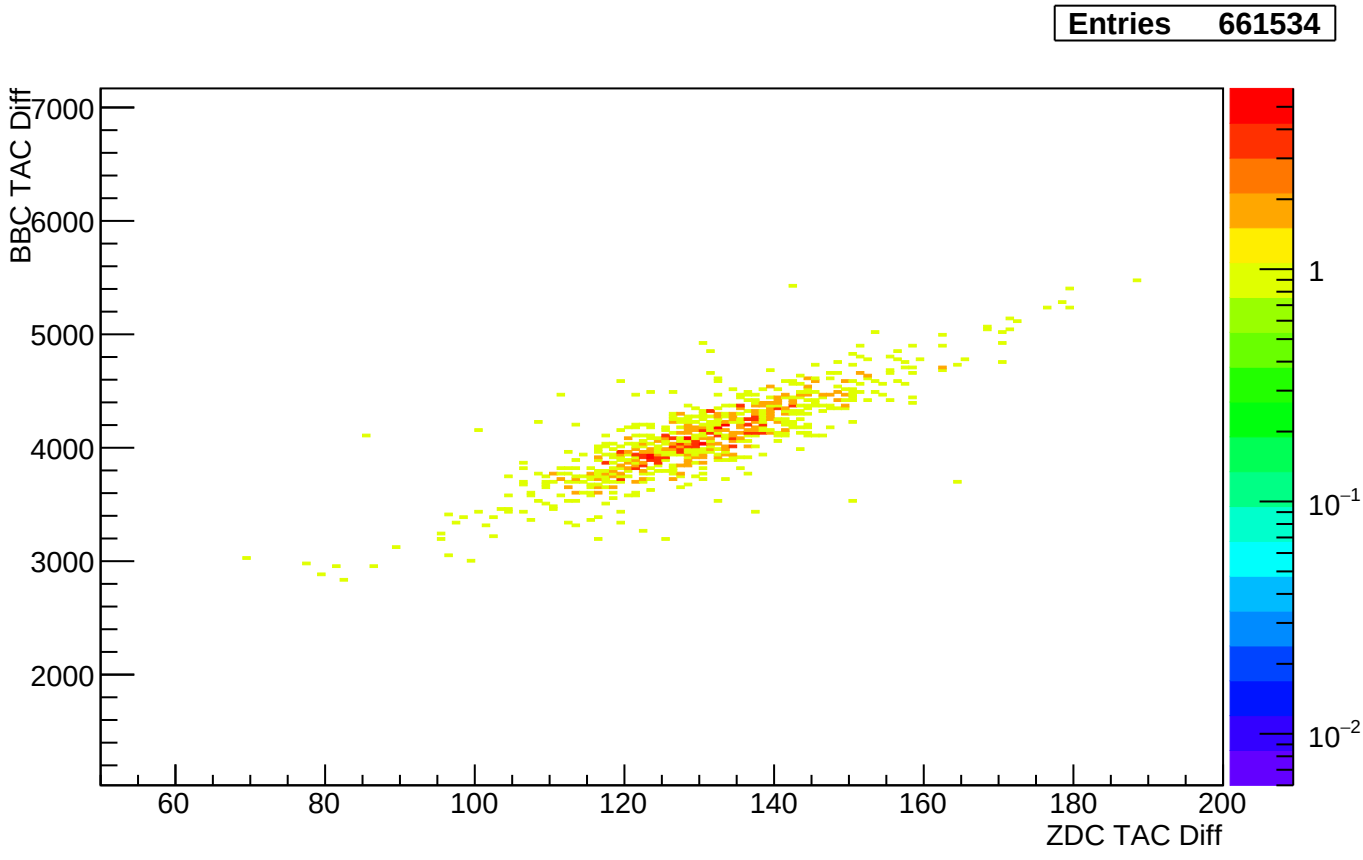

Entries 661534
TOF_Mult
EPD-West Hit Cnt

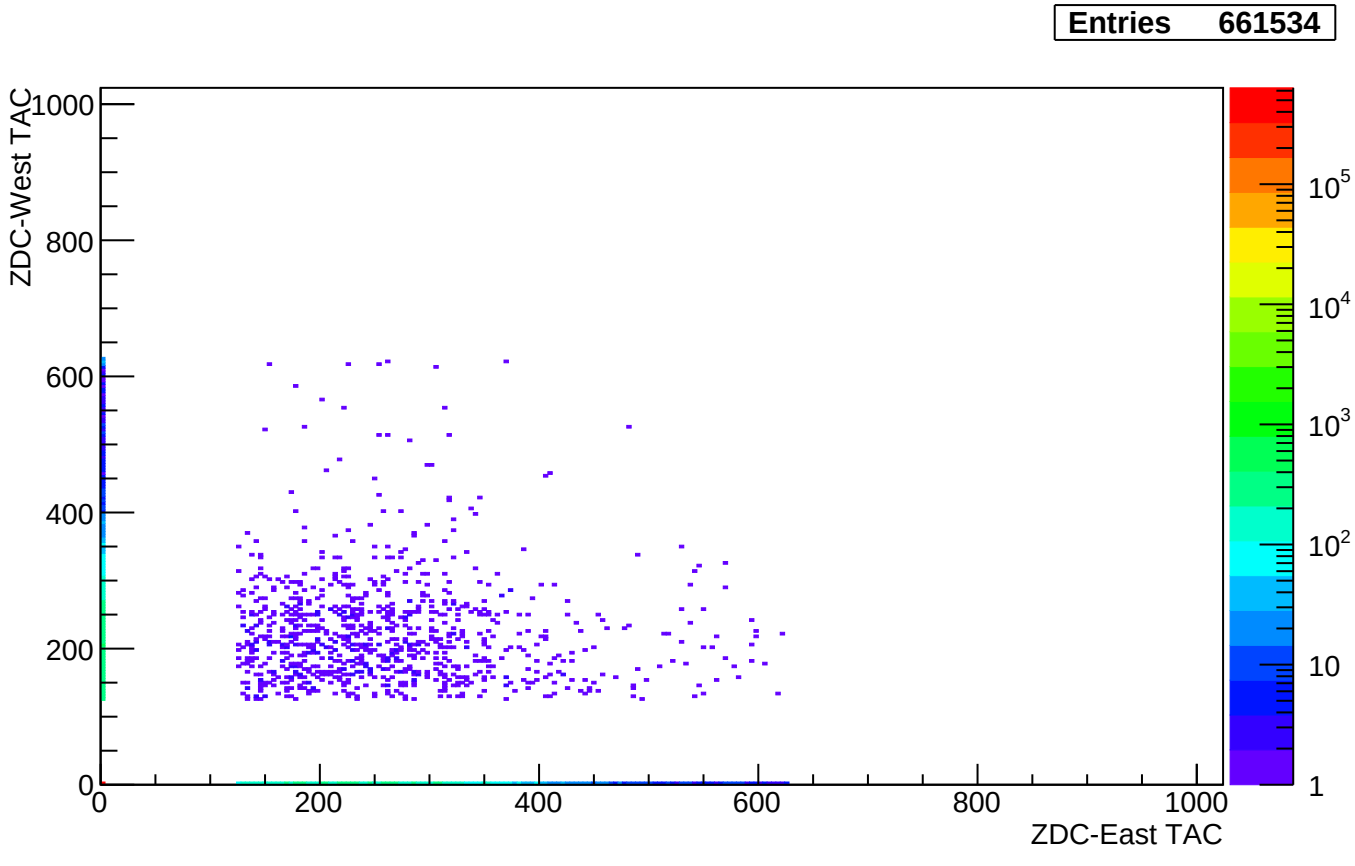

Entries 661534
TOF_Mult
VPD-East ADC Sum

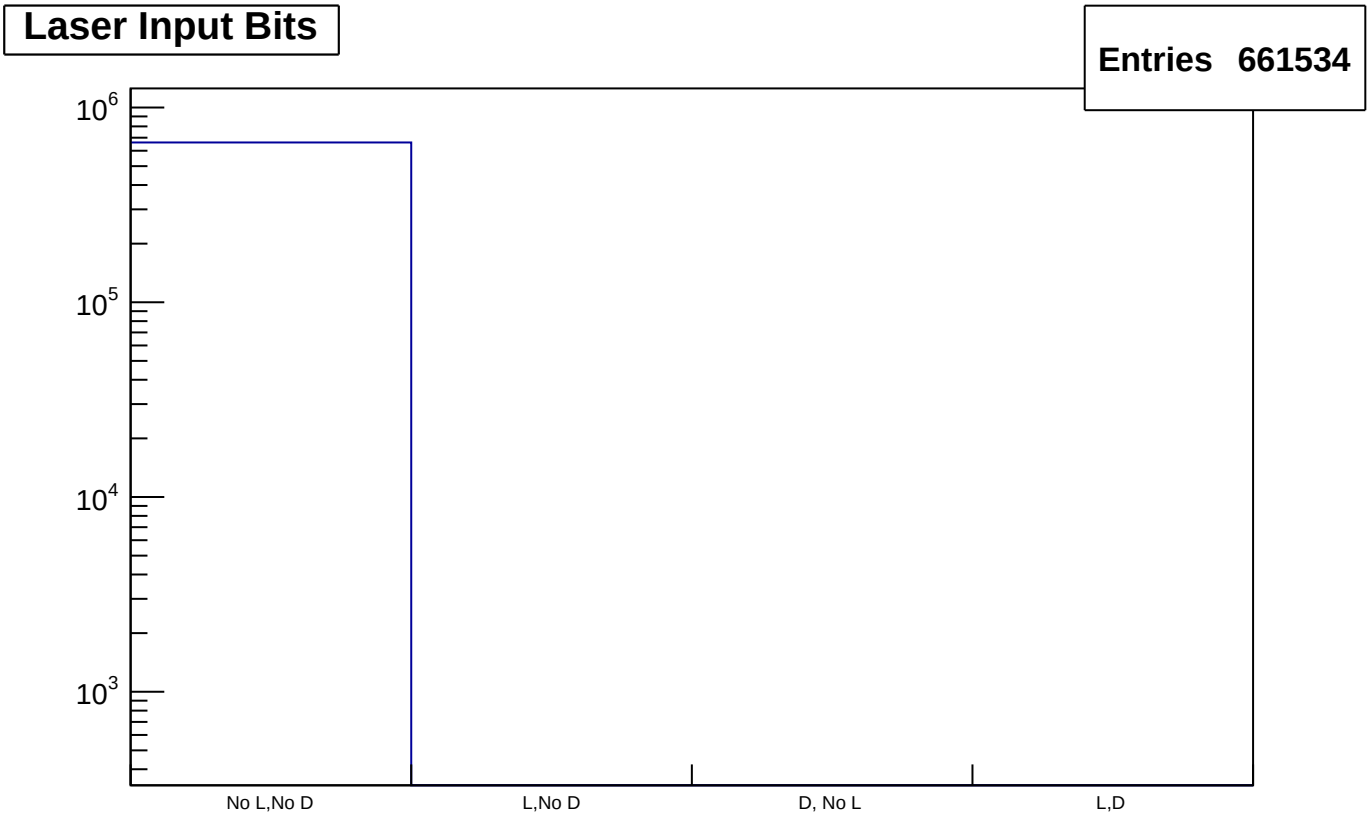

Entries 661534
TOF_Mult
VPD-West ADC Sum

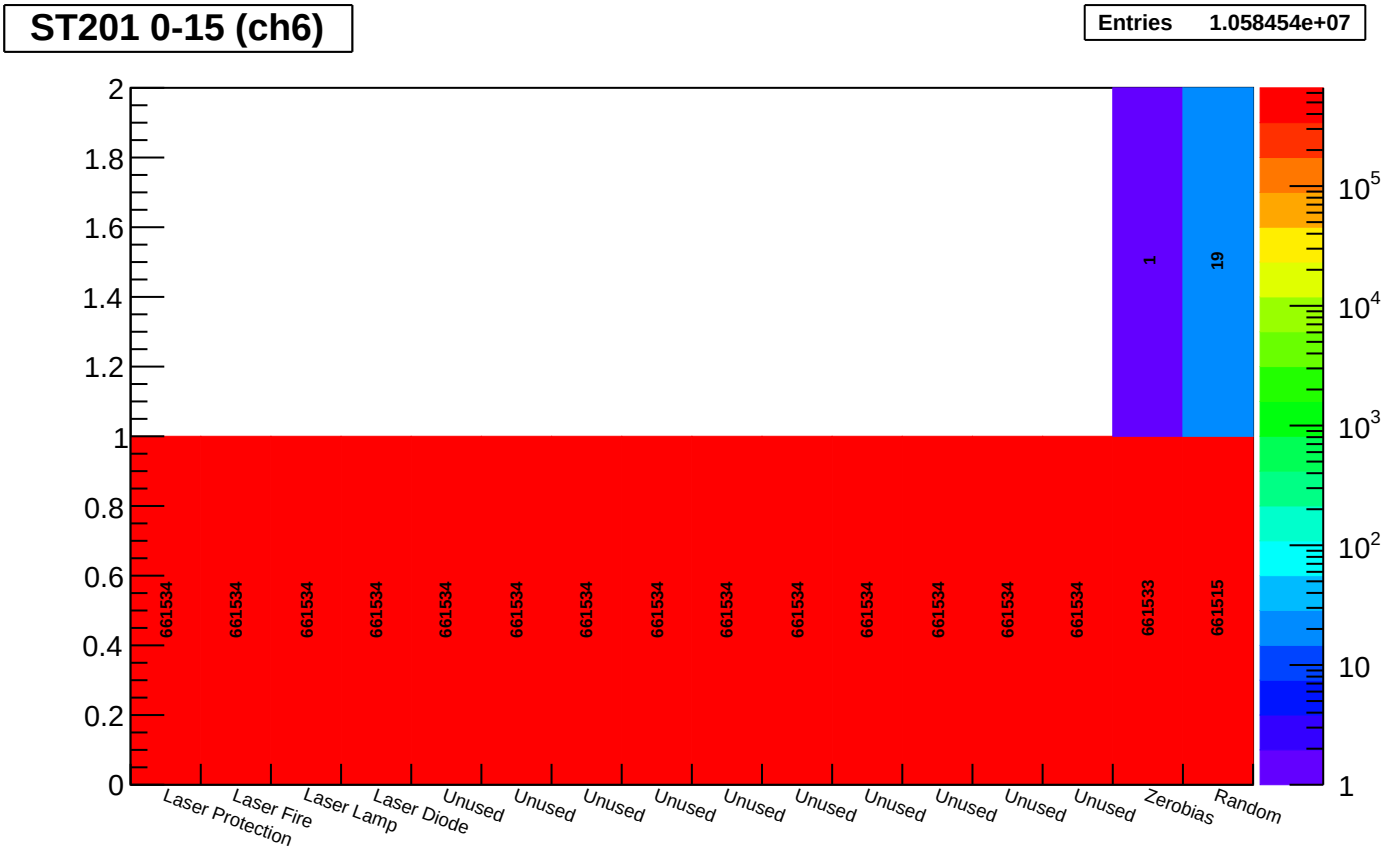

Entries 661534
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

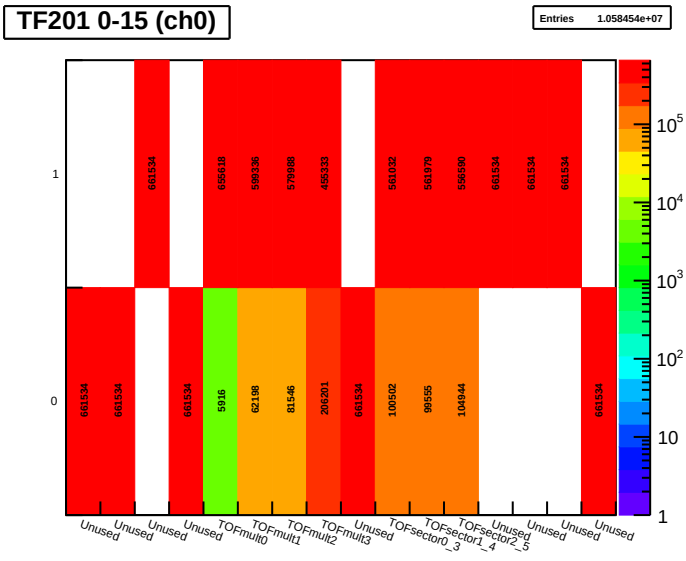

Entries 661534
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

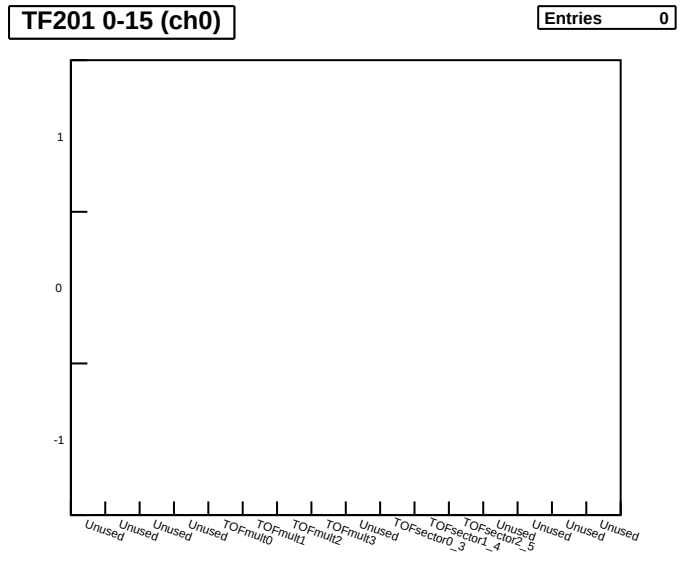

Entries 661534
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

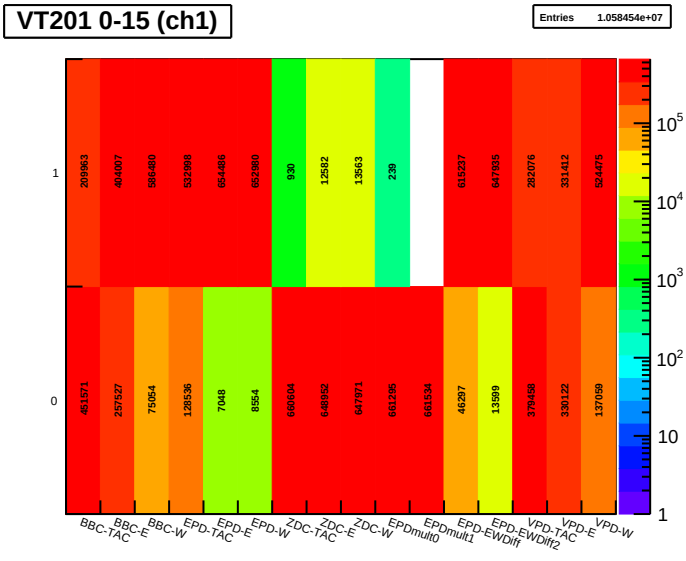

Entries 661534
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

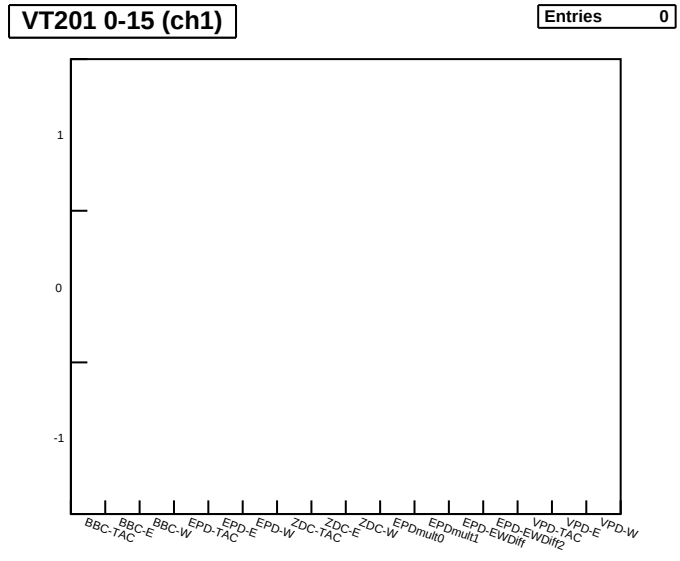

Laser Input Bits
Entries 661534
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

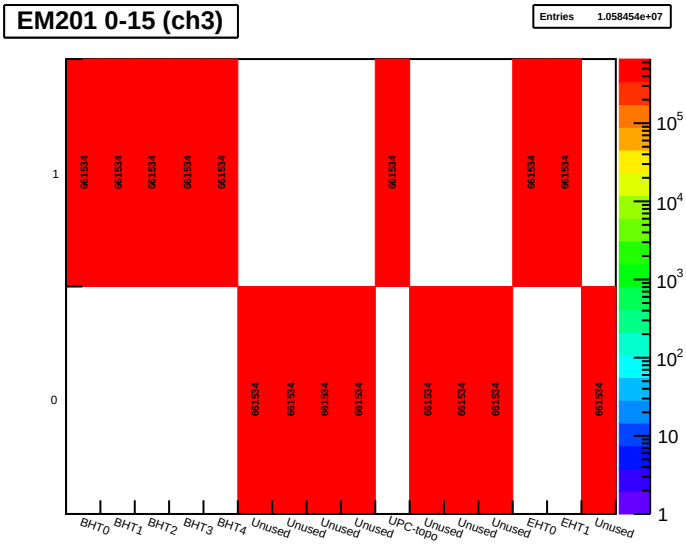

ST201 0-15 (ch6)
Entries 1.058454e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
661534
661534
661534
661534
661534
661534
661534
661534
661534
661534
661534
661534
661534
661534
661533
661515
1
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

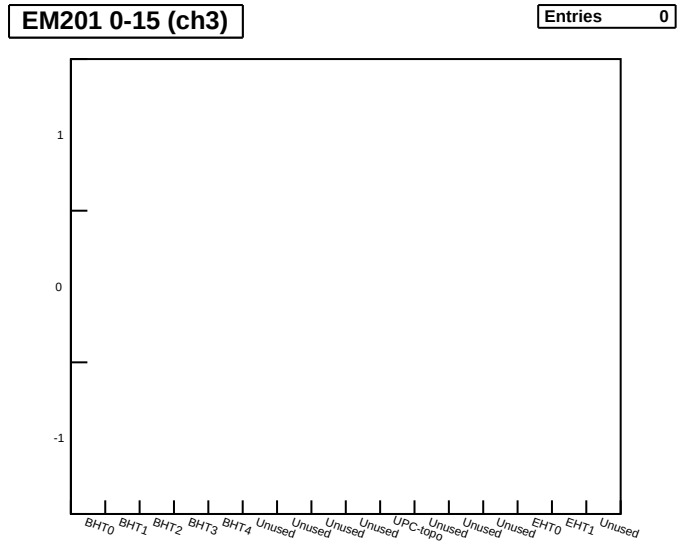

TF201 0-15 (ch0)
Entries 1.058454e+07
661534
655618
598336
570988
455333
561032
551979
535590
661534
661534
661534
661534
661534
661534
661534
5916
62198
81546
206201
661534
100502
99555
104944
661534
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 1.058454e+07
209963
404007
556480
532998
654486
652980
930
12582
13563
239
615237
647935
282076
331412
524475
451571
257527
75054
128536
7048
8554
660604
649952
647971
661295
661534
46297
13599
379458
330122
137059
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


VT201 0-15 (ch1)
Entries 0
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 1.058454e+07
661534
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


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