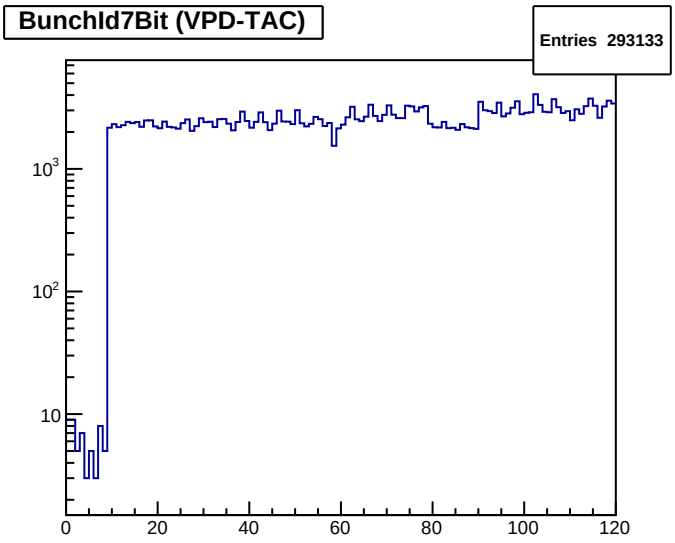
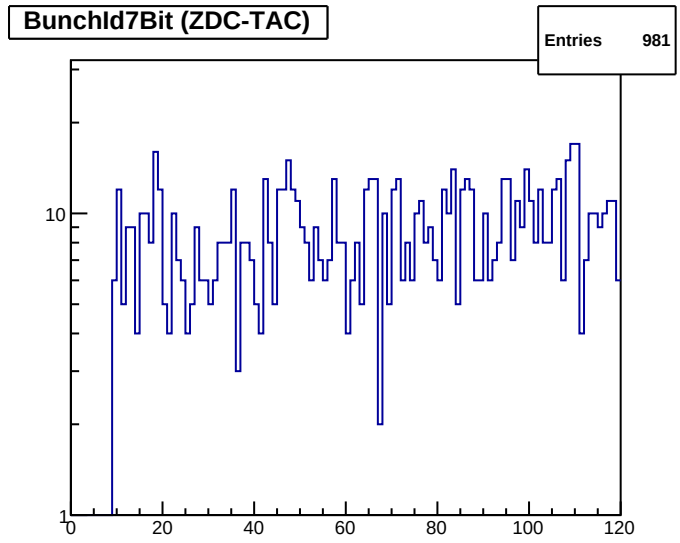
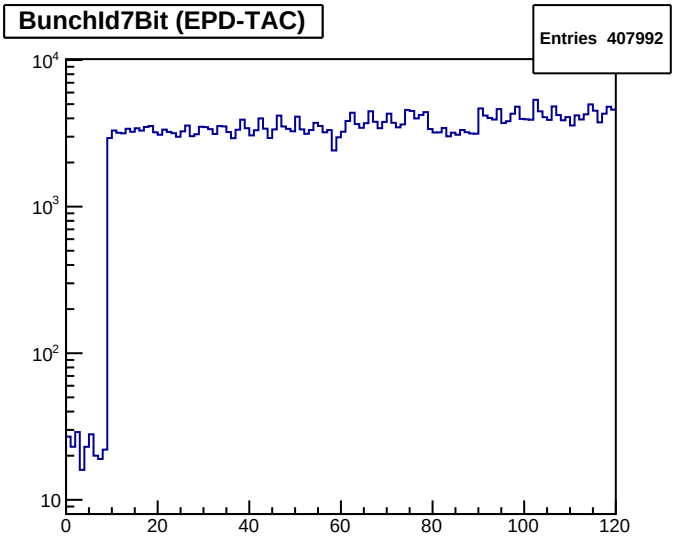
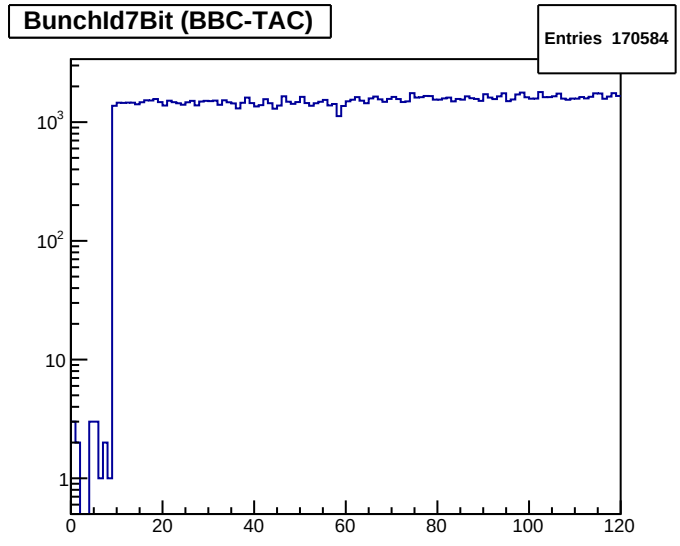
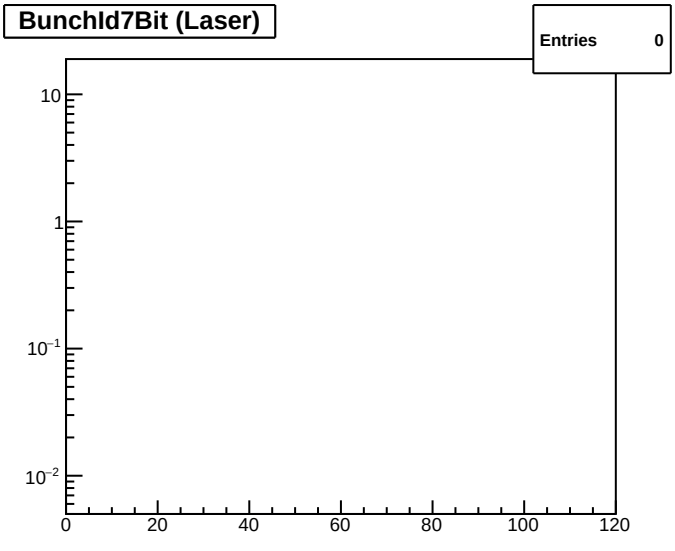
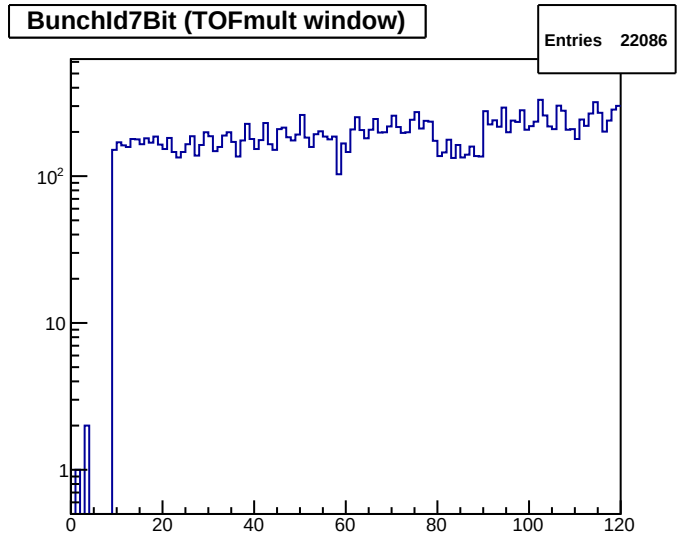

BunchId7Bit (VPD-TAC)
Entries 293133

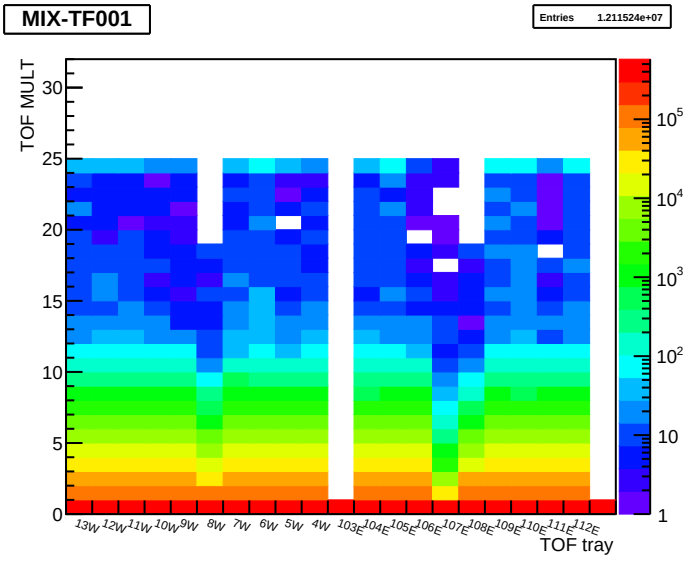

BunchId7Bit (ZDC-TAC)
Entries 981

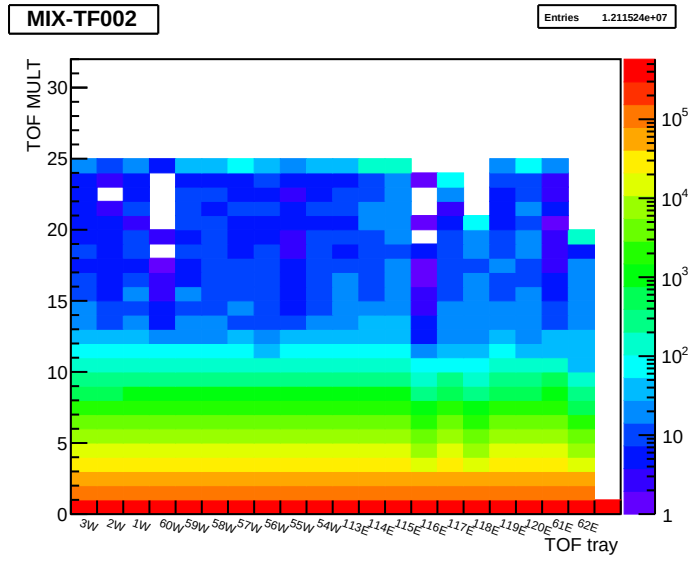

BunchId7Bit (EPD-TAC)
Entries 407992

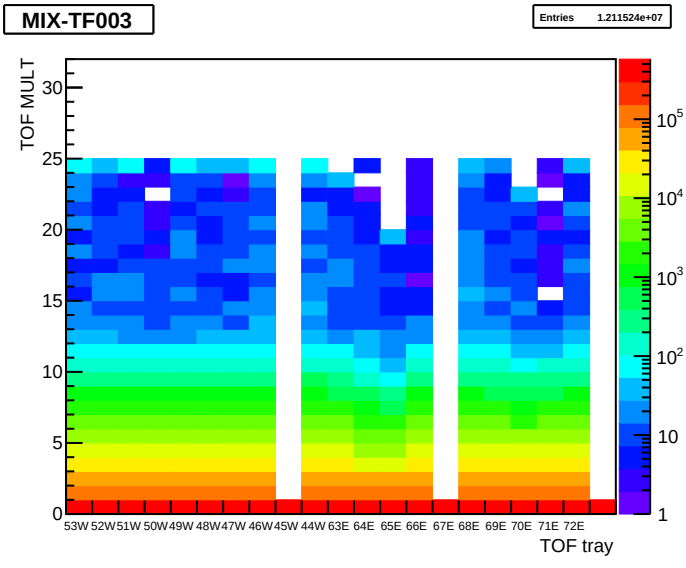

BunchId7Bit (BBC-TAC)
Entries 170584

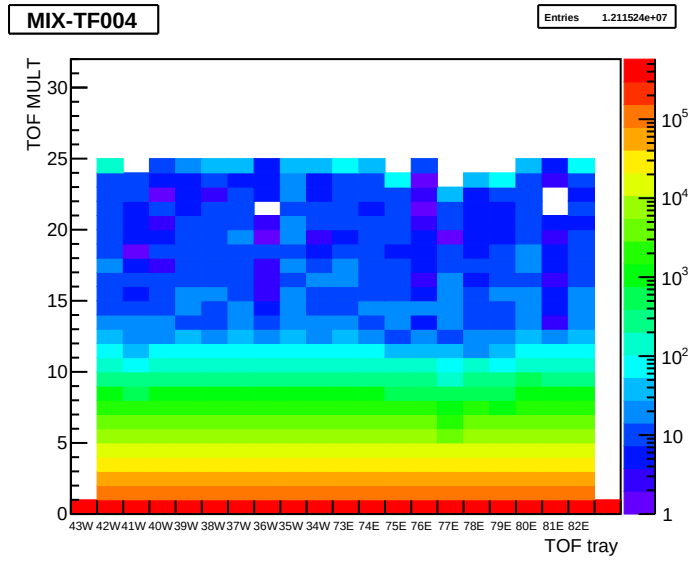

BunchId7Bit (Laser)
Entries 0

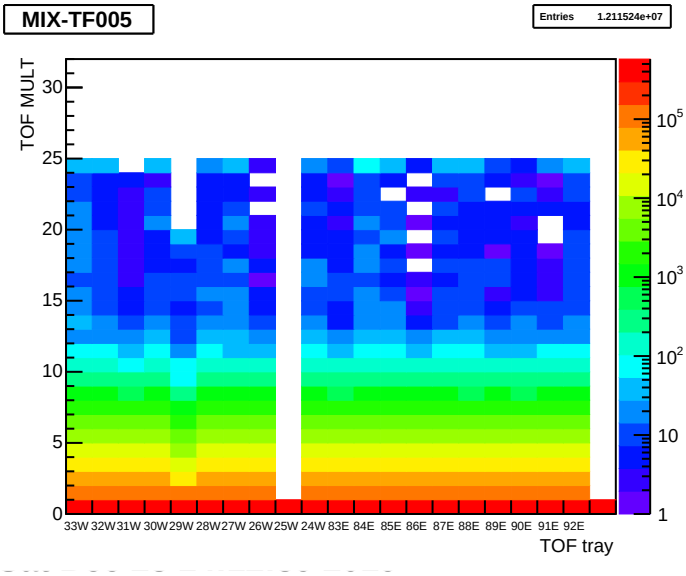

BunchId7Bit (TOFmult window)
Entries 22086

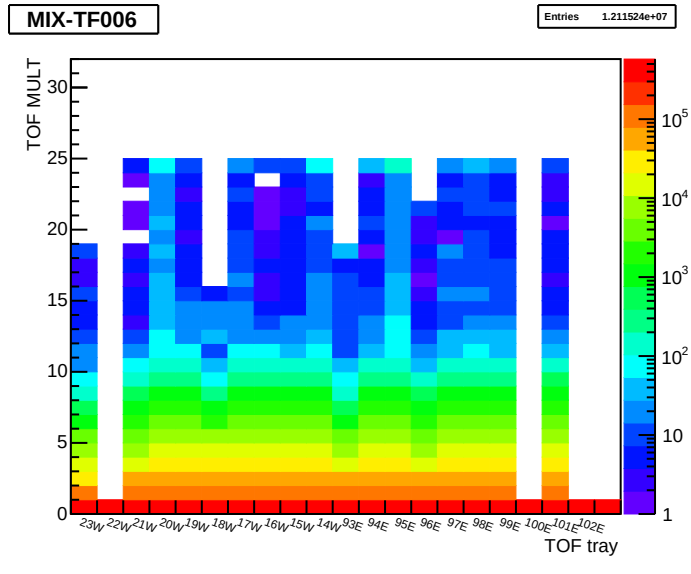

MIX-TF001
Entries 1.211524e+07
TOF MULT
TOF tray

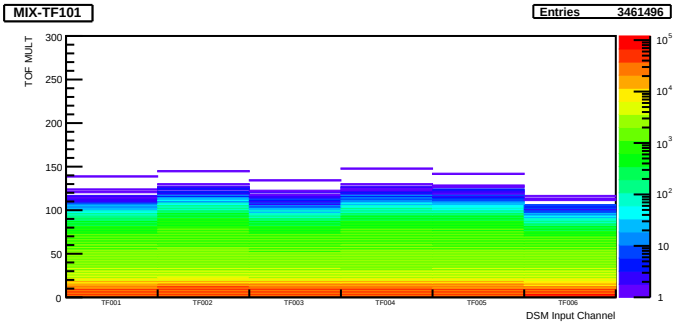

MIX-TF002
Entries 1.211524e+07
TOF MULT
TOF tray

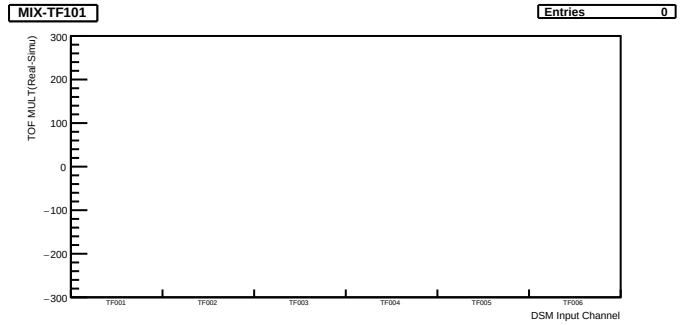

MIX-TF003
Entries 1.211524e+07
TOF MULT
TOF tray

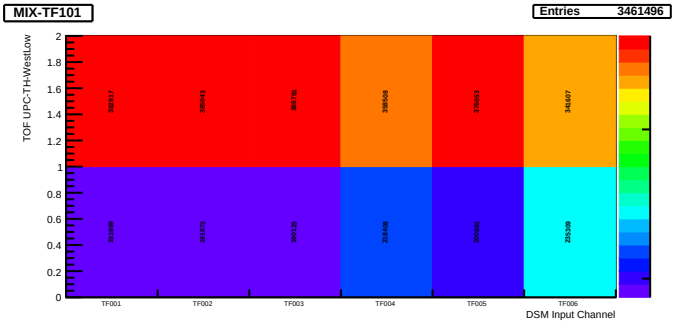

MIX-TF004
Entries 1.211524e+07
TOF MULT
TOF tray

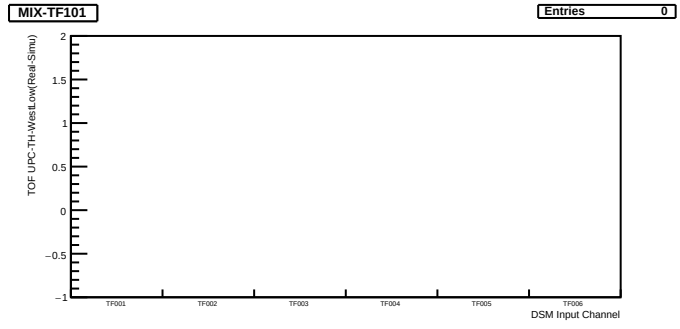

MIX-TF005
Entries 1.211524e+07
TOF MULT
TOF tray

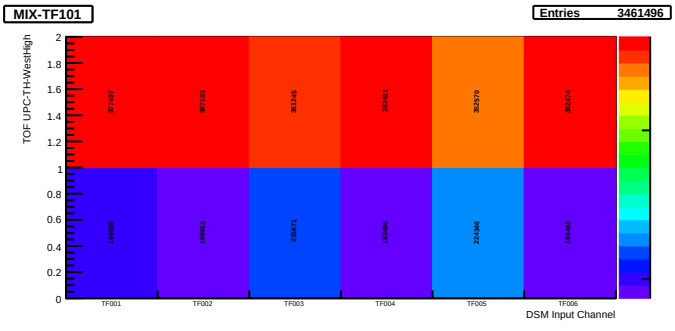

MIX-TF006
Entries 1.211524e+07
TOF MULT
TOF tray

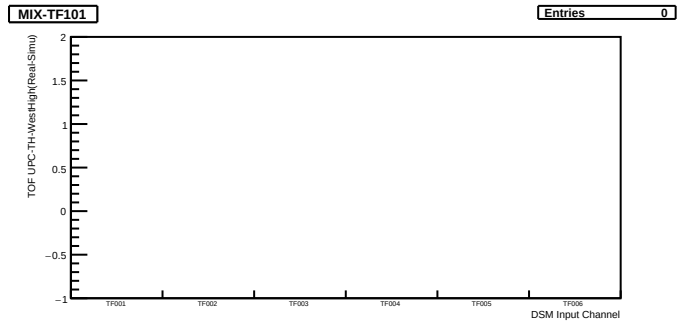

MIX-TF101
Entries 3461496
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

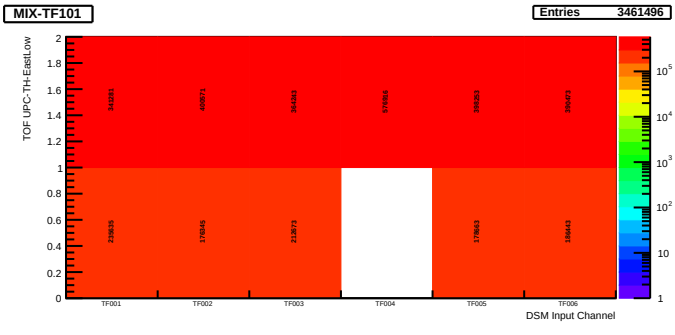

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

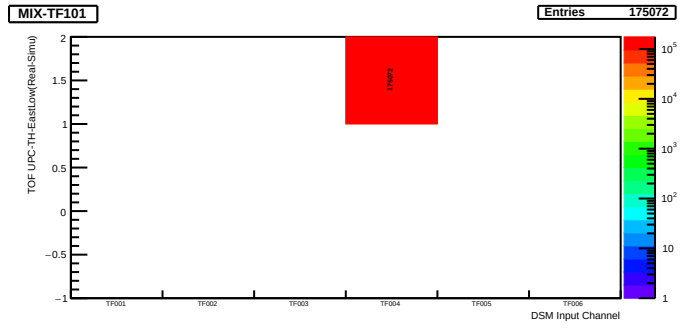

MIX-TF101
Entries 3461496
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

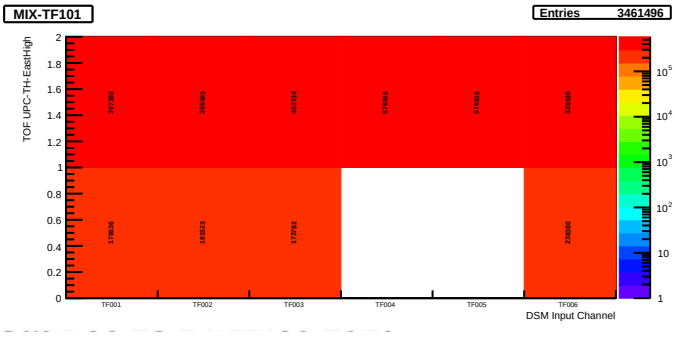

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

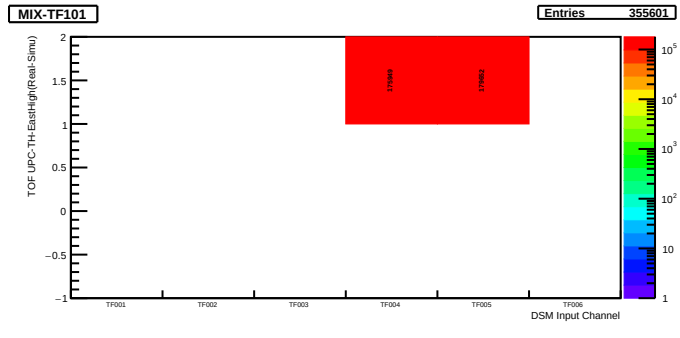

MIX-TF101
Entries 3461496
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

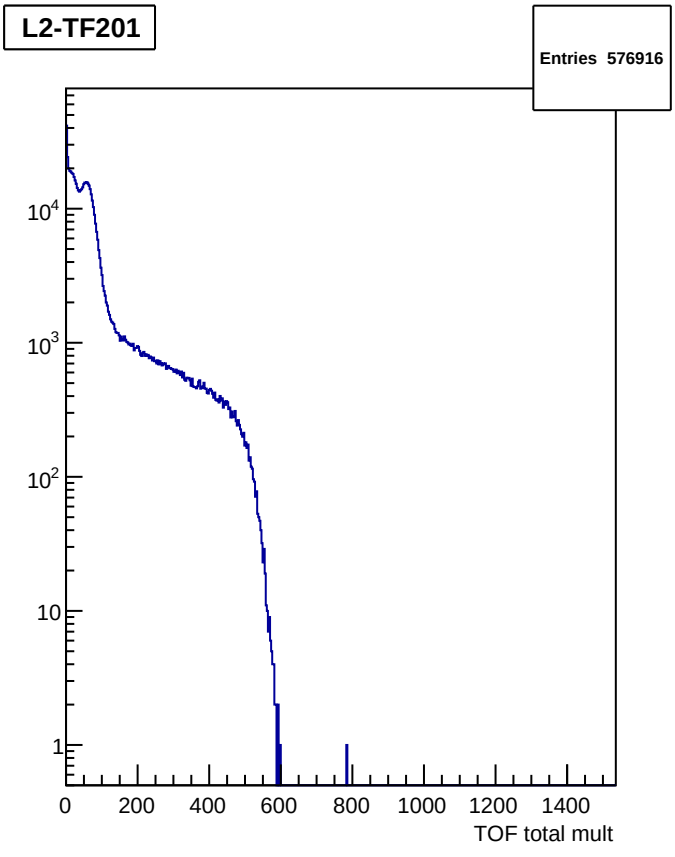

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

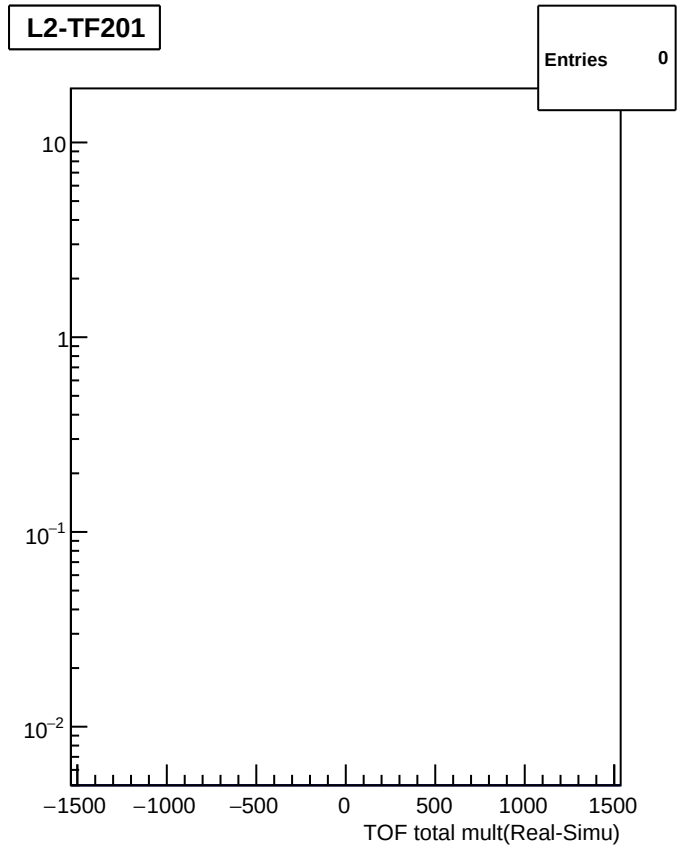

MIX-TF101
Entries 3461496
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

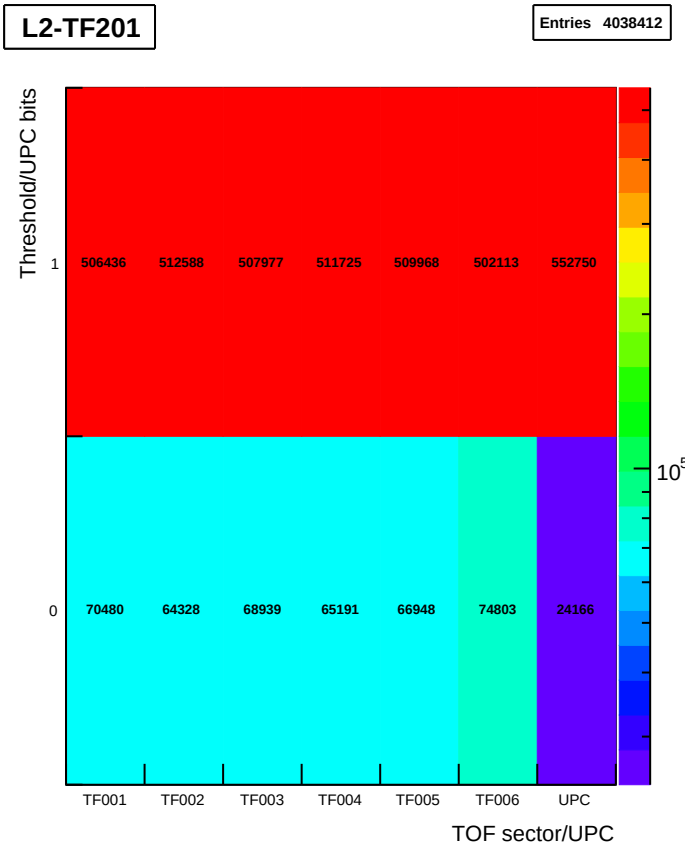

MIX-TF101
Entries 175072
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

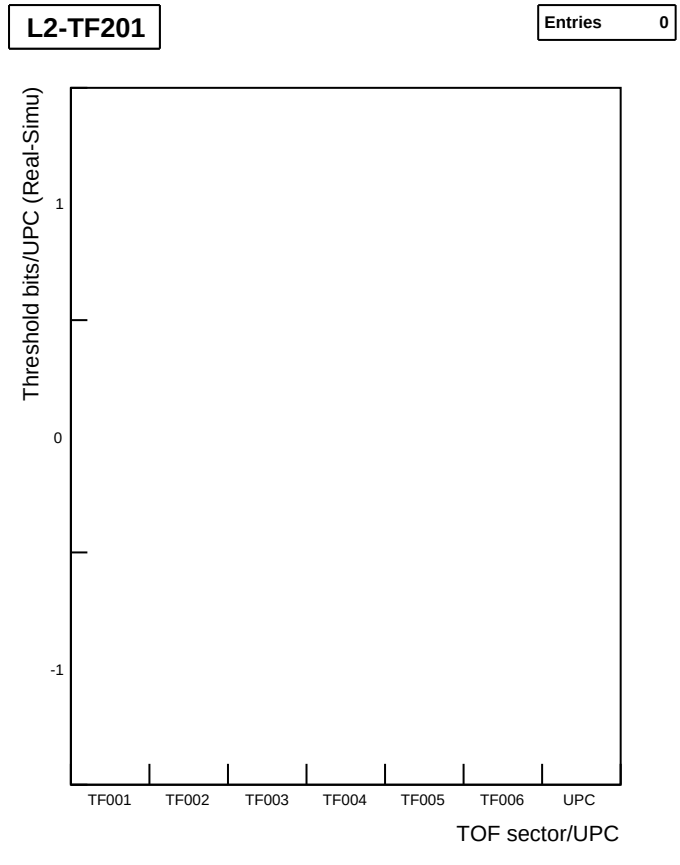

MIX-TF101
Entries 3461496
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

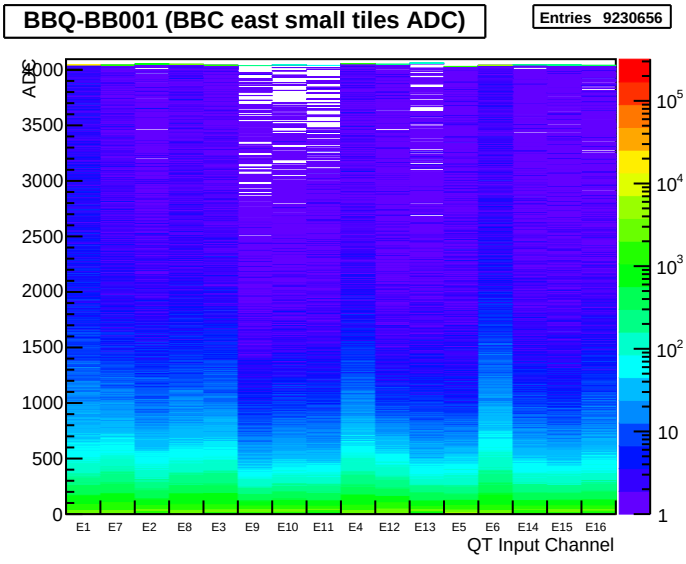

MIX-TF101
Entries 355601
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

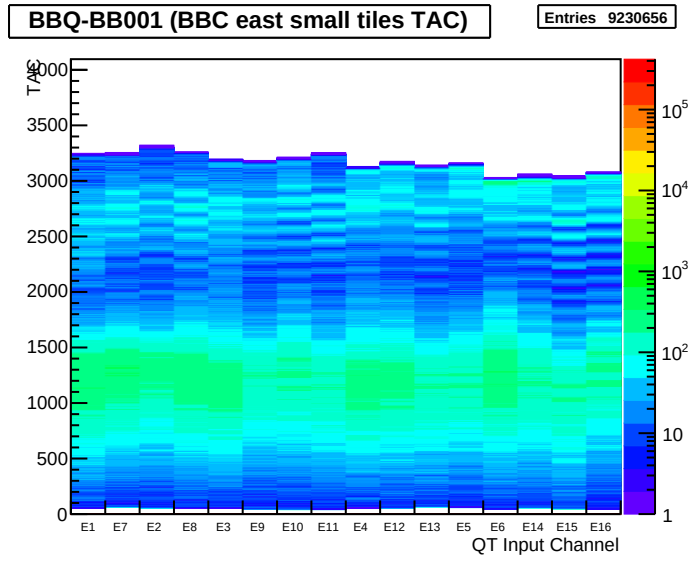

L2-TF201
Entries 576916
TOF total mult

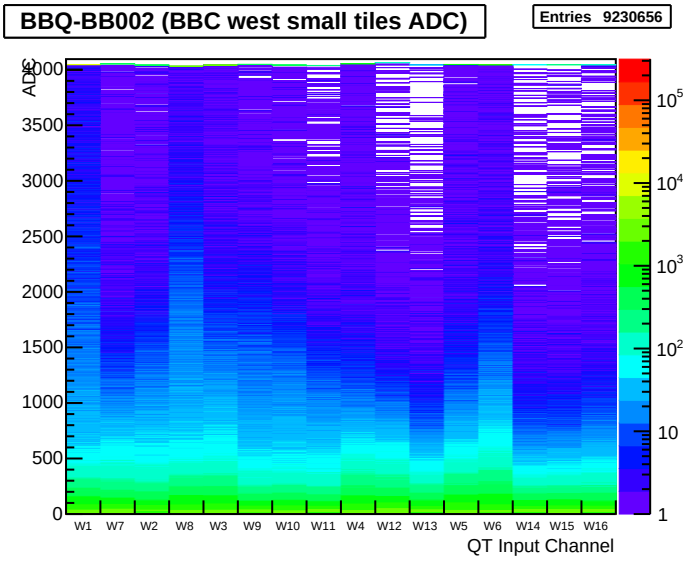

L2-TF201
Entries 0
TOF total mult(Real-Simu)

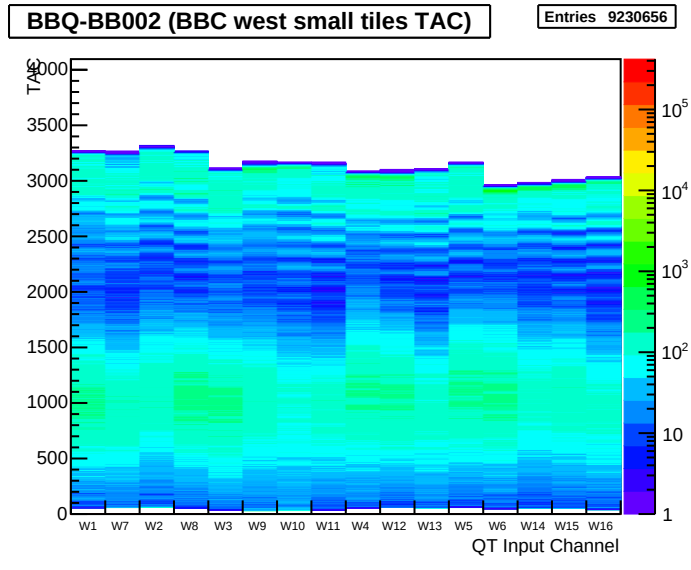

L2-TF201
Entries 4038412
Threshold/UPC bits
506436 512588 507977 511725 509968 502113 552750
70480 64328 68939 65191 66948 74803 24166
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

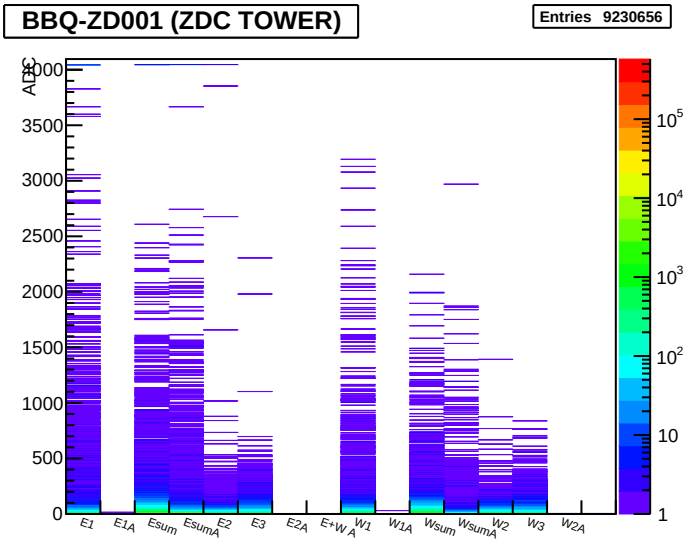

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

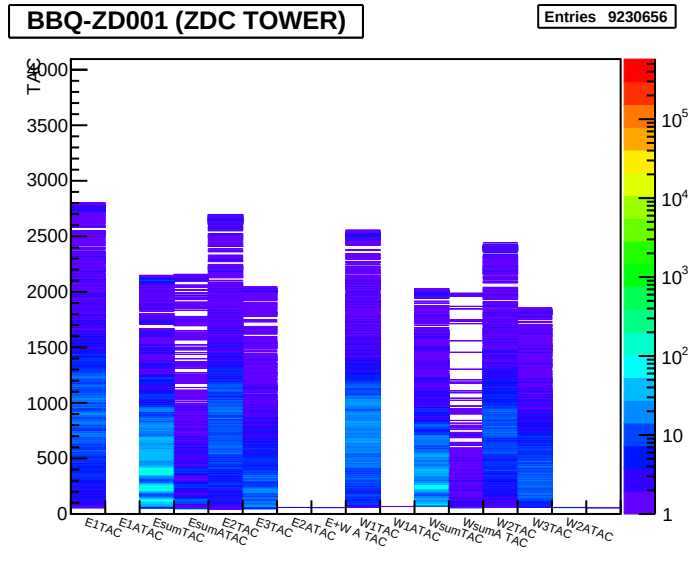

BBQ-BB001 (BBC east small tiles ADC)
Entries 9230656
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

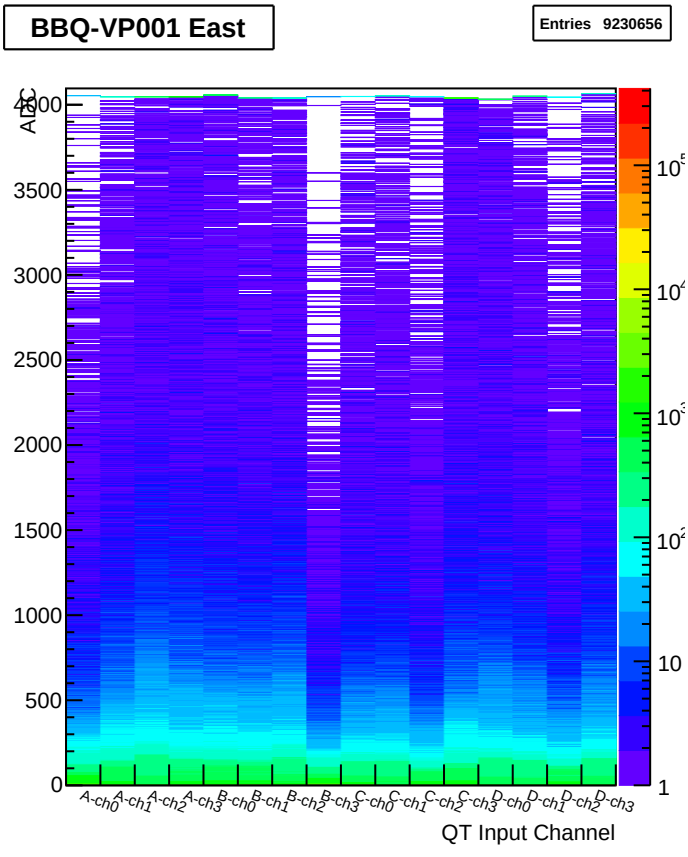

BBQ-BB001 (BBC east small tiles TAC)
Entries 9230656
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

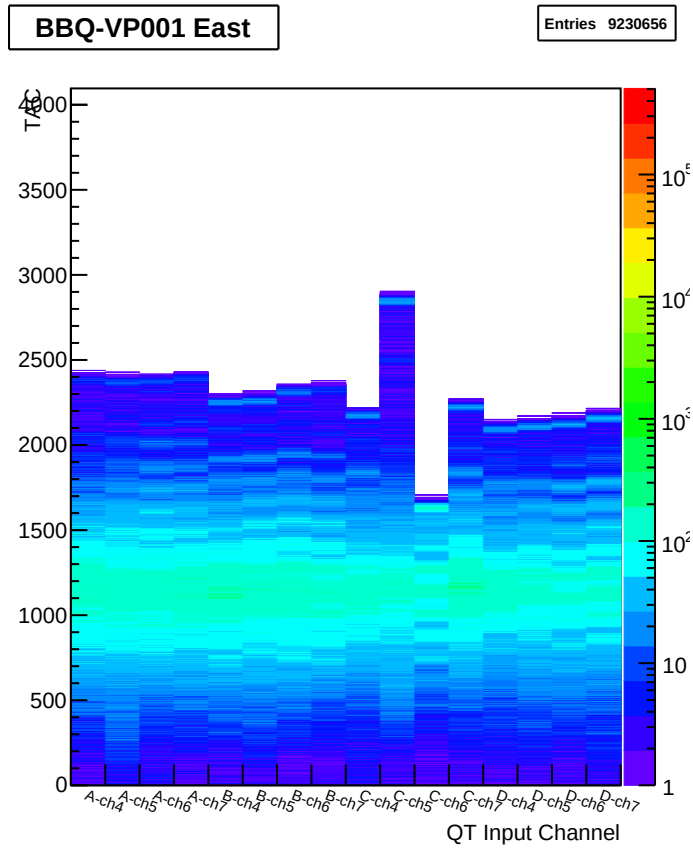

BBQ-BB002 (BBC west small tiles ADC)
Entries 9230656
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

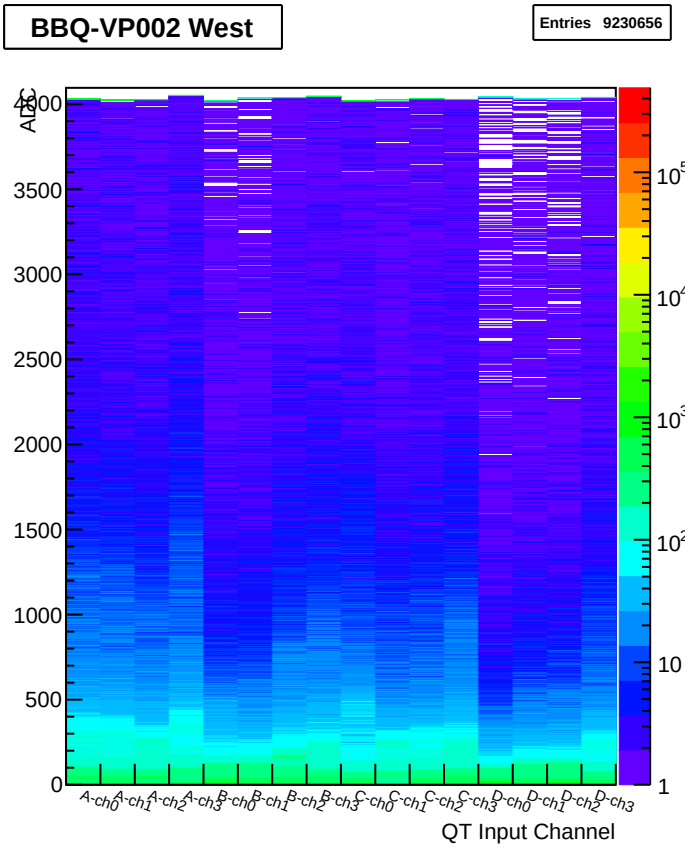

BBQ-BB002 (BBC west small tiles TAC)
Entries 9230656
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

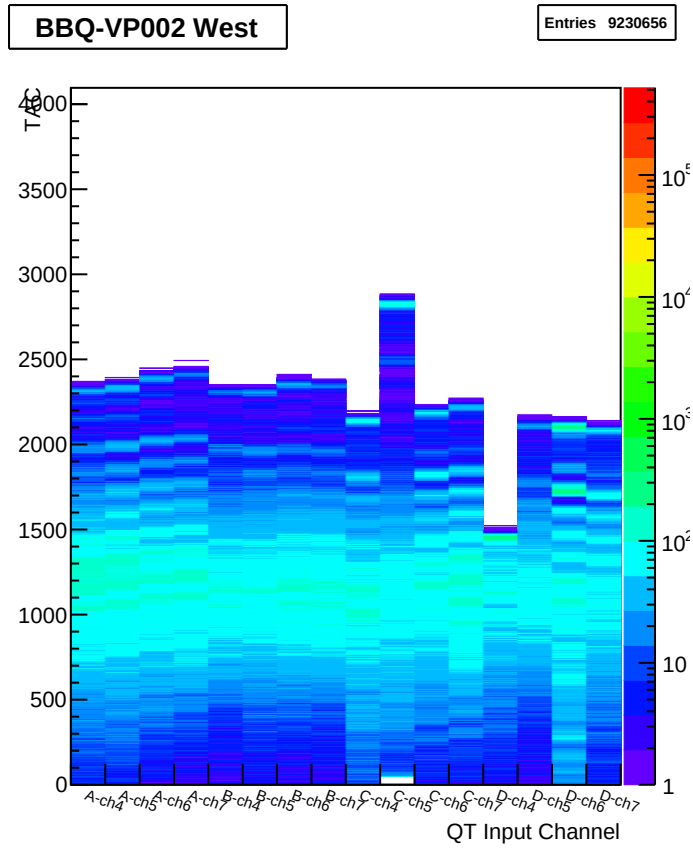

BBQ-ZD001 (ZDC TOWER)
Entries 9230656
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

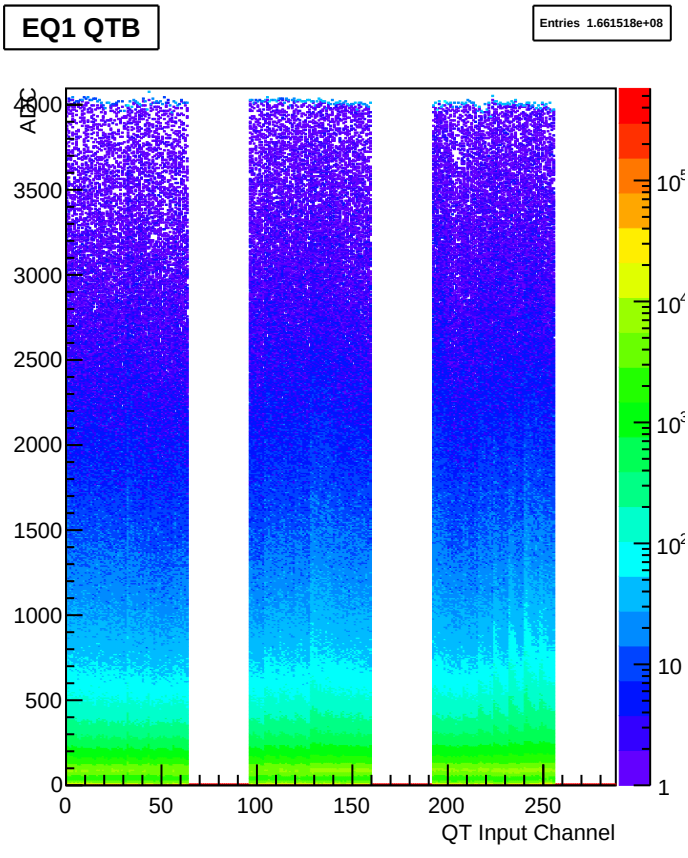

BBQ-ZD001 (ZDC TOWER)
Entries 9230656
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

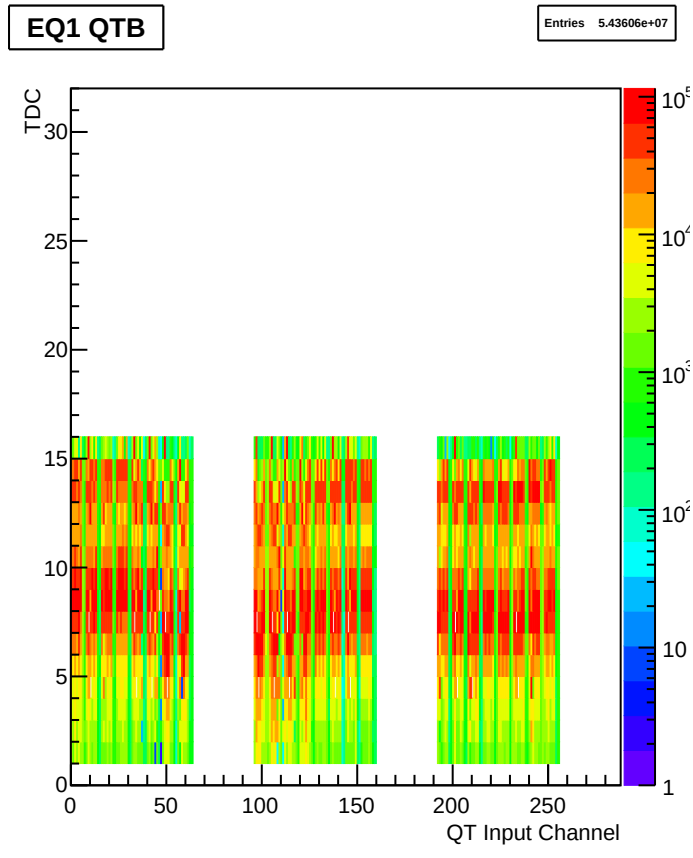

BBQ-VP001 East
Entries 9230656
ADC
QT Input Channel

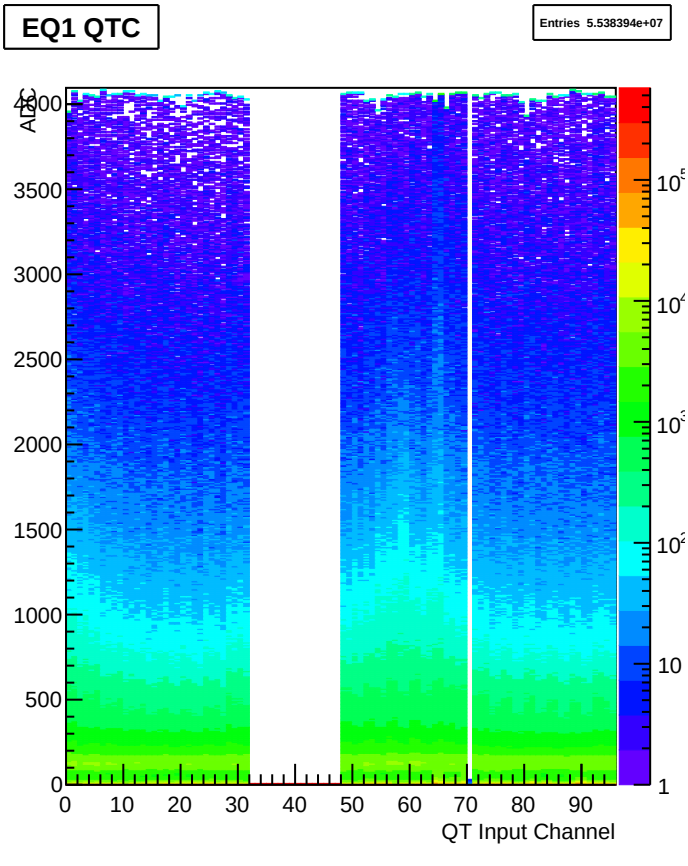

BBQ-VP001 East
Entries 9230656
TADC
QT Input Channel

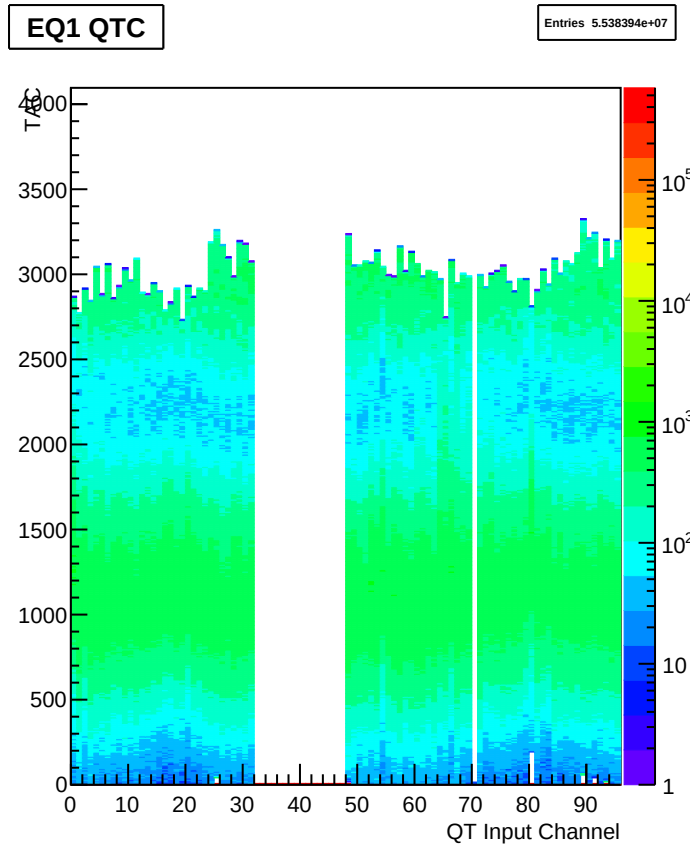

BBQ-VP002 West
Entries 9230656
ADC
QT Input Channel

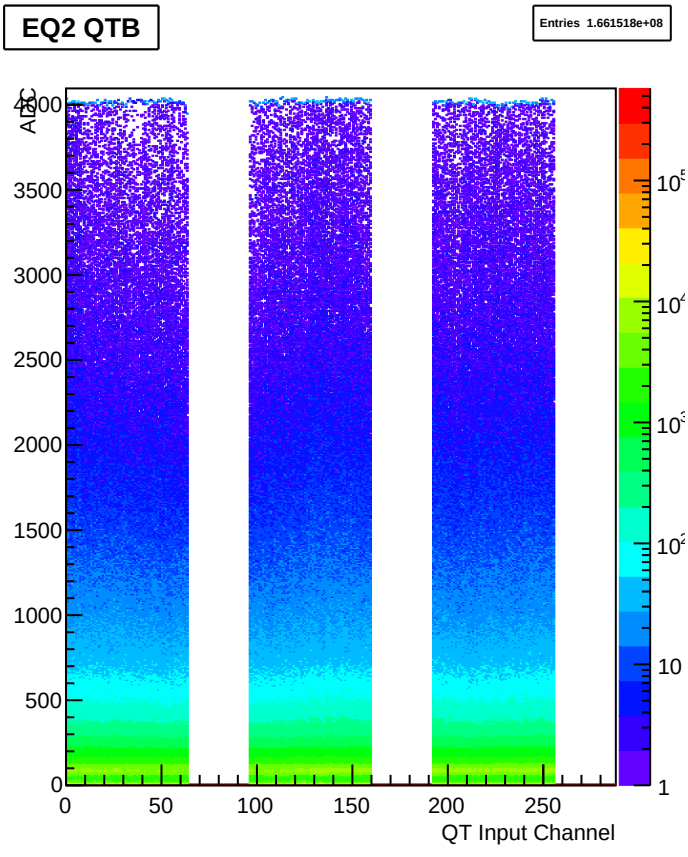

BBQ-VP002 West
Entries 9230656
TADC
QT Input Channel

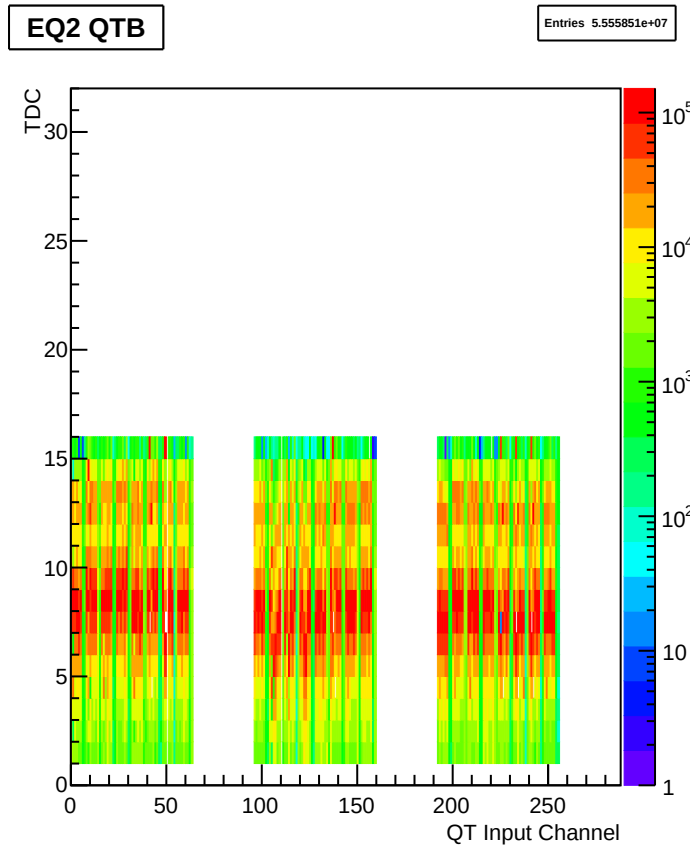

EQ1 QTB
Entries 1.661518e+08
ADC
QT Input Channel

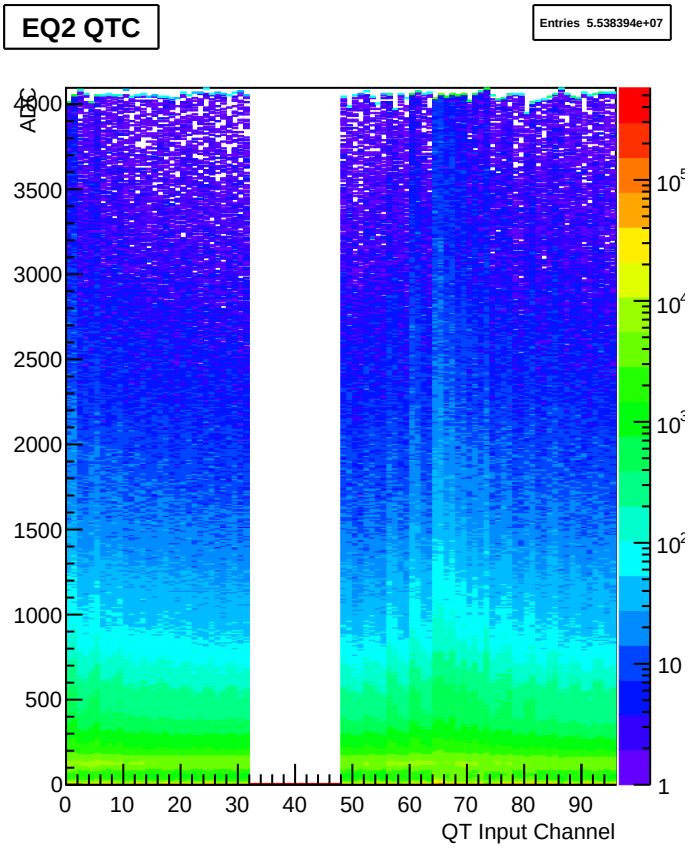

EQ1 QTB
Entries 5.43606e+07
TDC
QT Input Channel

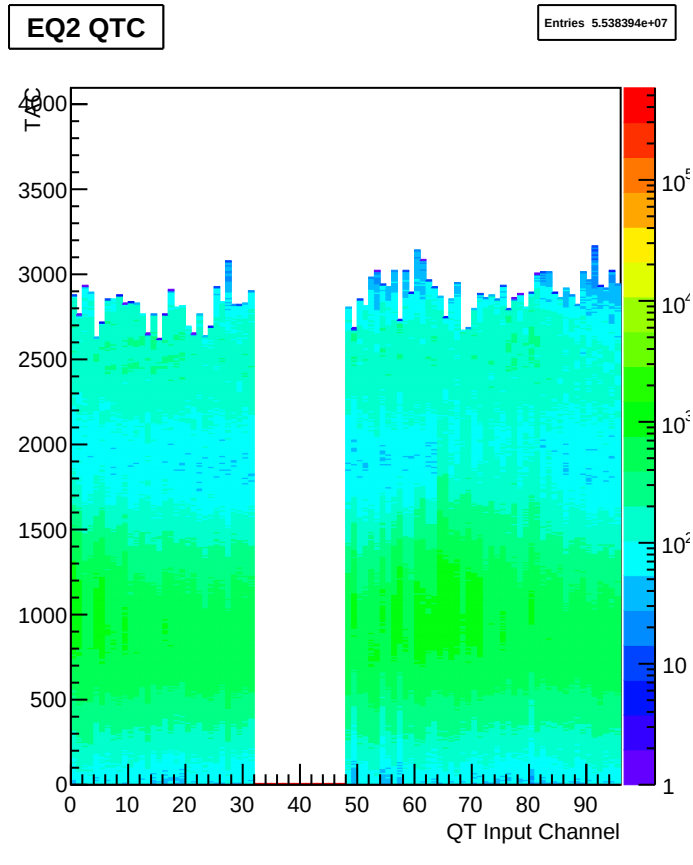

EQ1 QTC
Entries 5.538394e+07
ADC
QT Input Channel

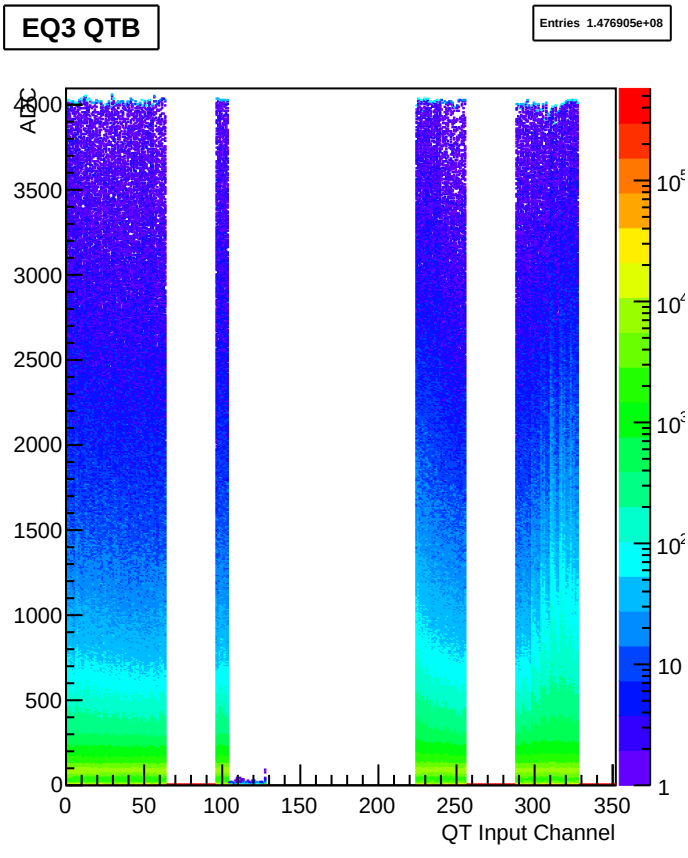

EQ1 QTC
Entries 5.538394e+07
TADC
QT Input Channel

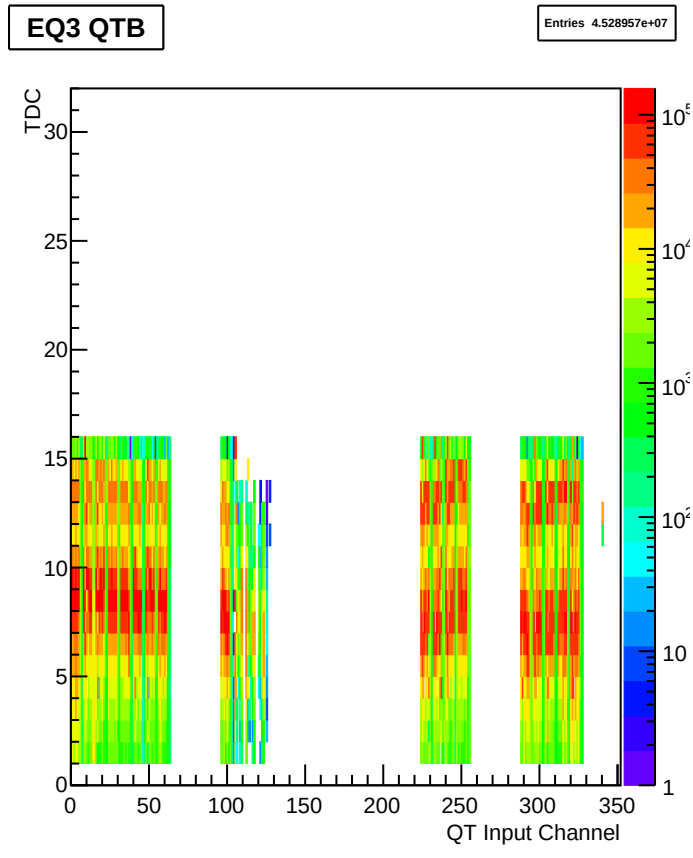

EQ2 QTB
Entries 1.661518e+08
ADC
QT Input Channel

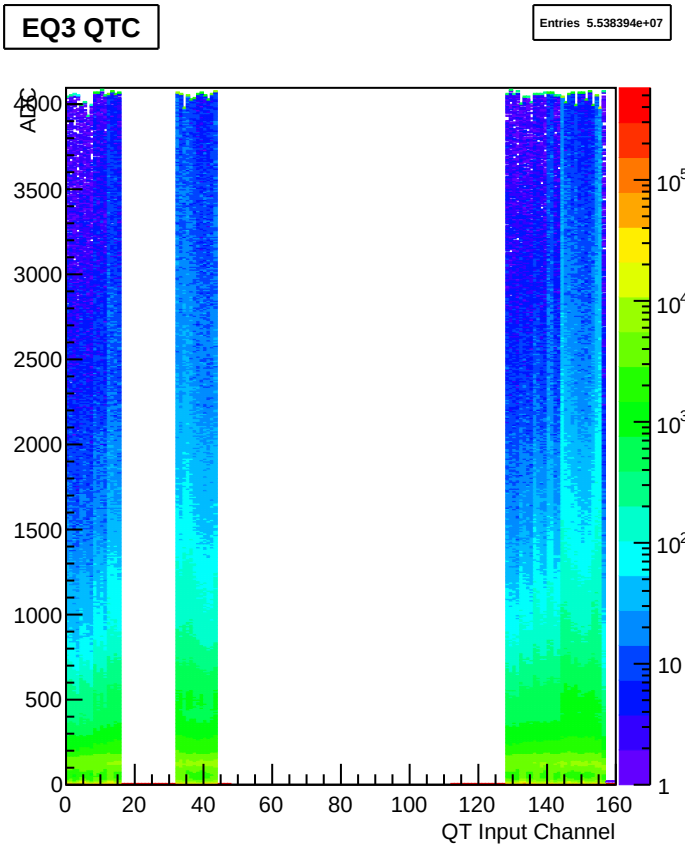

EQ2 QTB
Entries 5.555851e+07
TDC
QT Input Channel

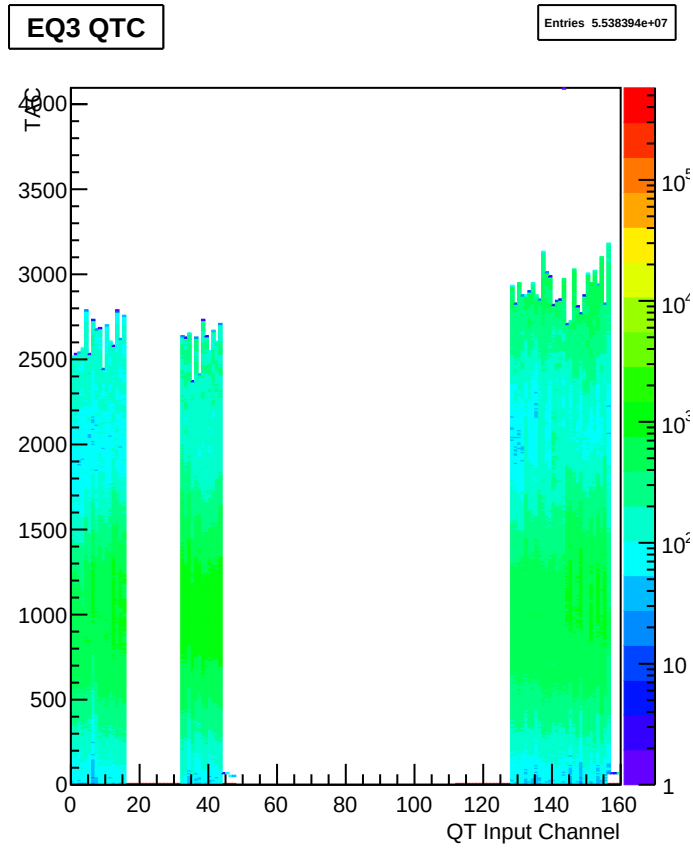

EQ2 QTC
Entries 5.538394e+07
ADC
QT Input Channel

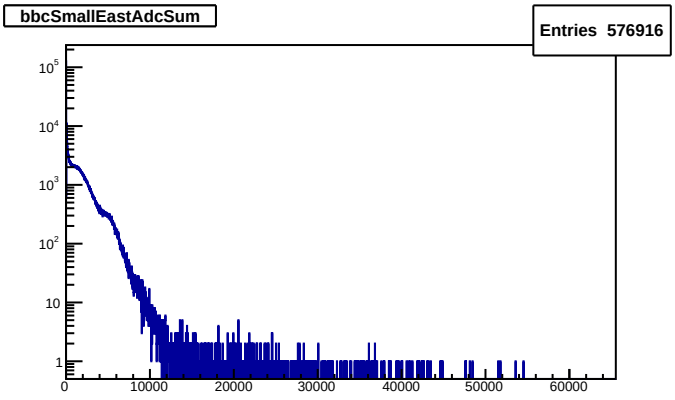

EQ2 QTC
Entries 5.538394e+07
TADC
QT Input Channel

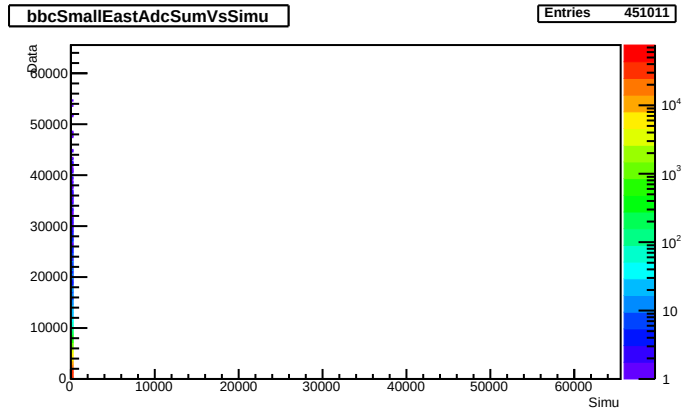

EQ3 QTB
Entries 1.476905e+08
ADC
QT Input Channel

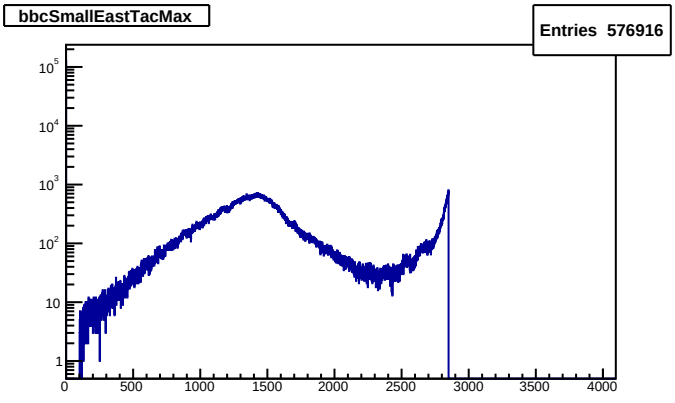

EQ3 QTB
Entries 4.528957e+07
TDC
QT Input Channel

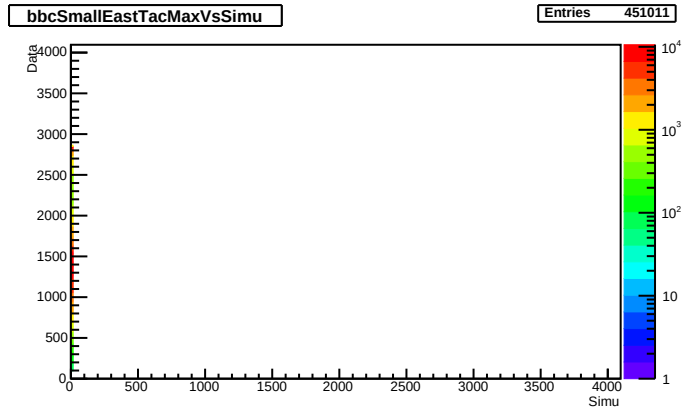

EQ3 QTC
Entries 5.538394e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.538394e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 576916


bbcSmallEastAdcSumVsSimu
Entries 451011
Data
Simu


bbcSmallEastTacMax
Entries 576916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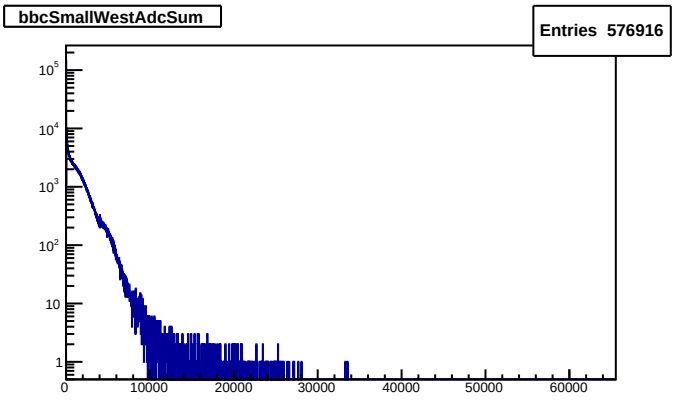
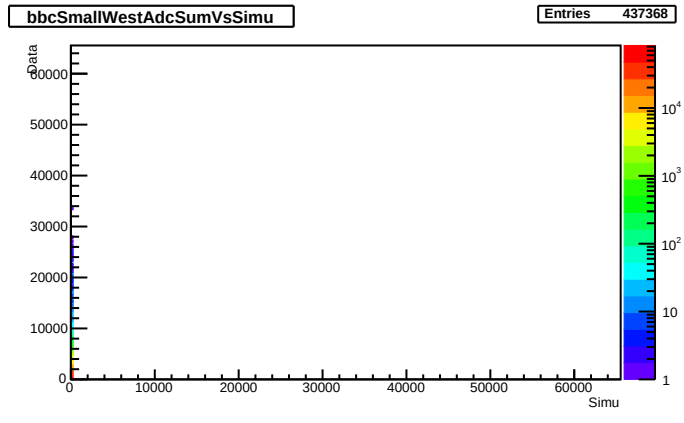
Entries 451011
Data
Simu


bbcSmallWestAdcSum
Entries 576916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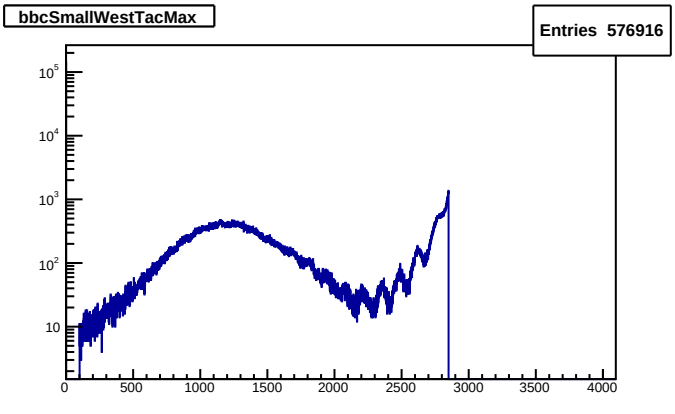
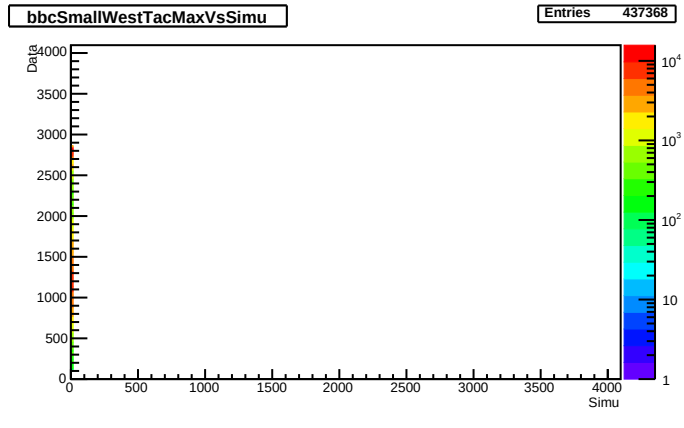
Entries 437368
Data
Simu


bbcSmallWestTacMax
Entries 576916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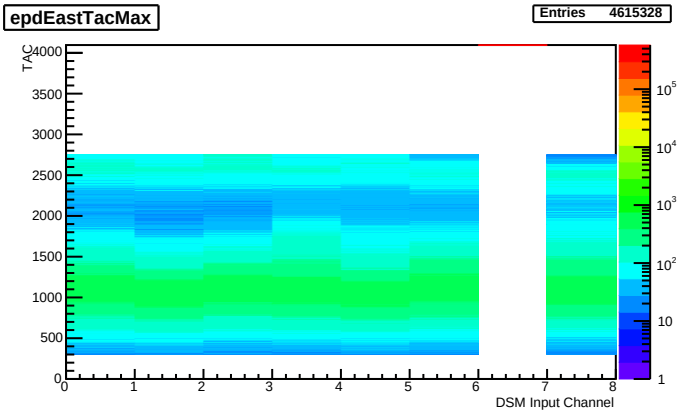
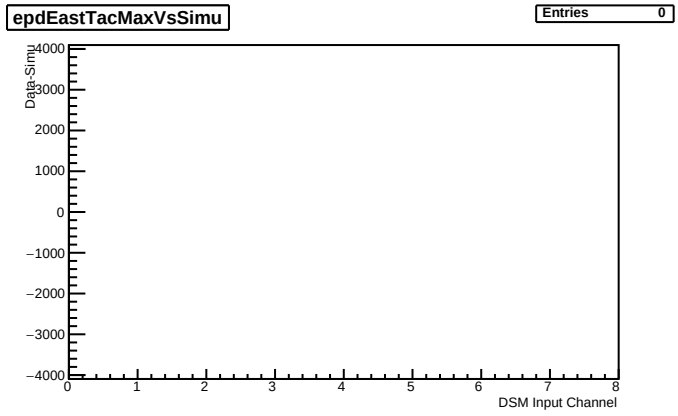
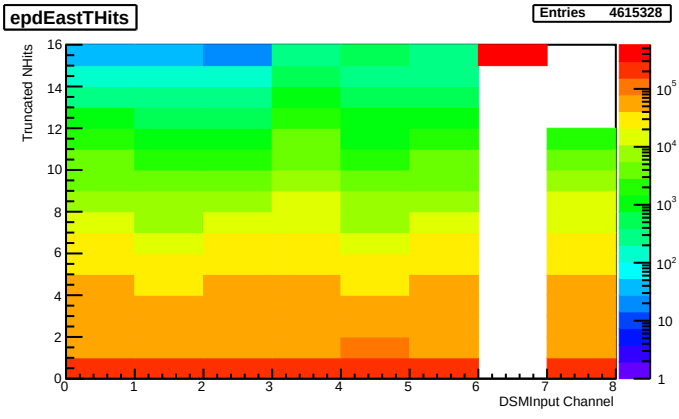
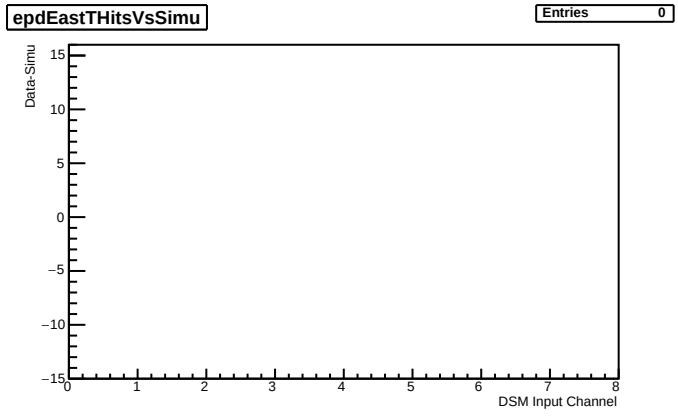
Entries 437368
Data
Simu


epdEastTacMax
Entries 4615328
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4615328
Truncated NHits
DSMInput Channel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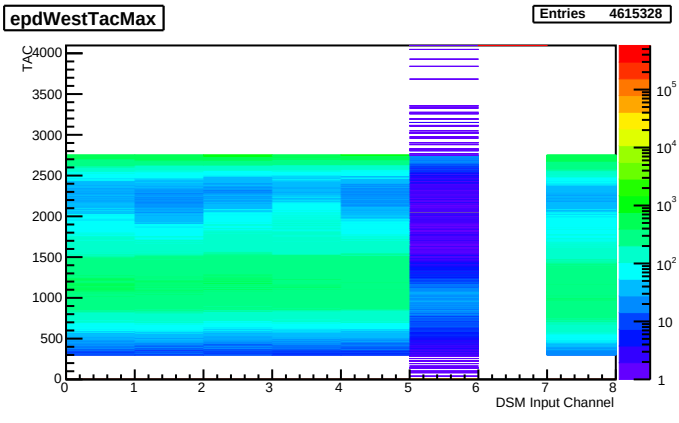
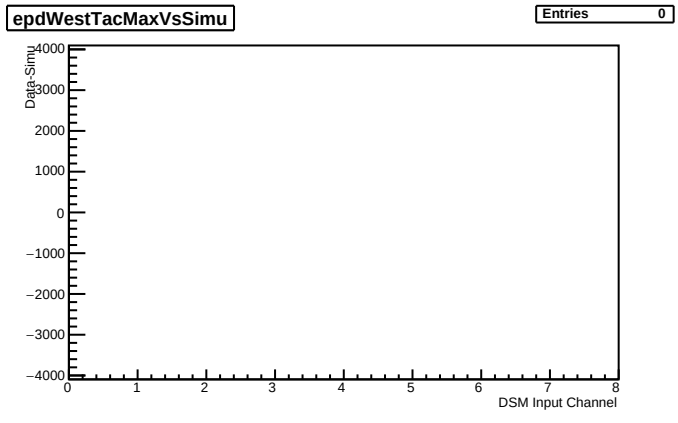
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4615328
TAC
DSM Input Channel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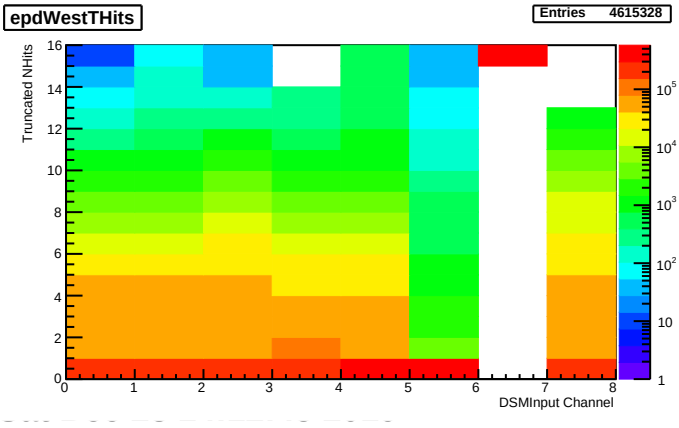
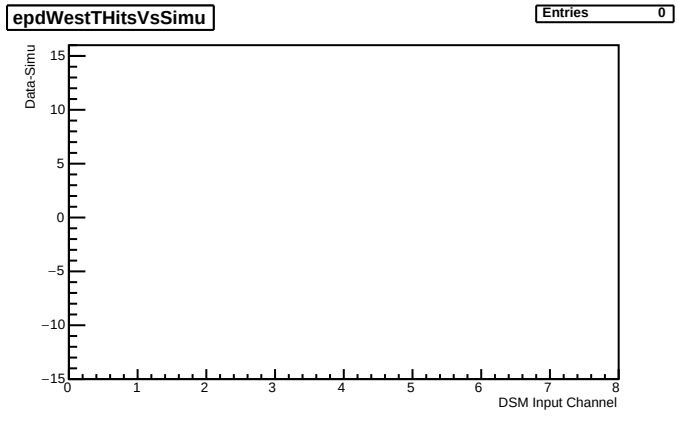
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4615328
Truncated NHits
DSMInput Channel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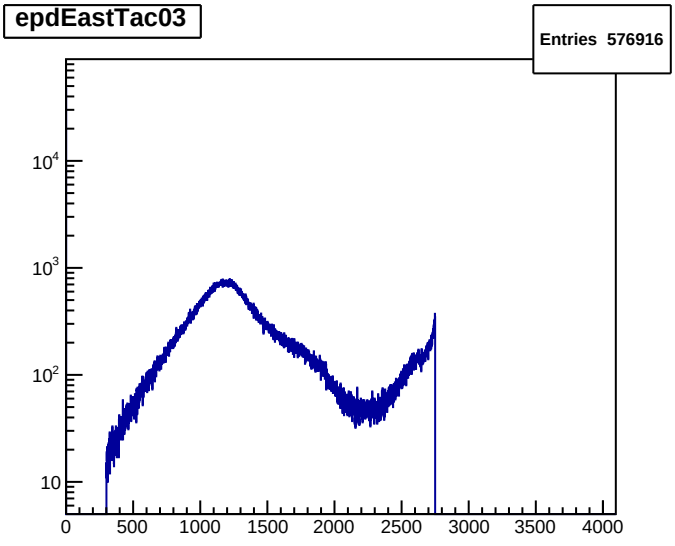
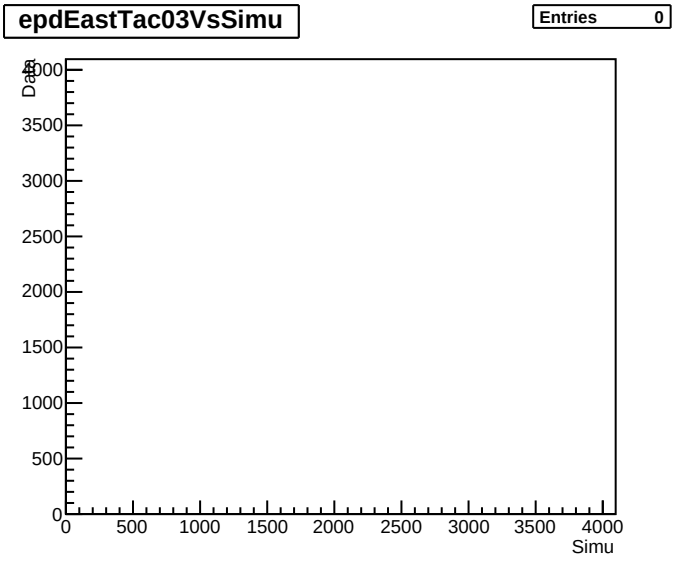
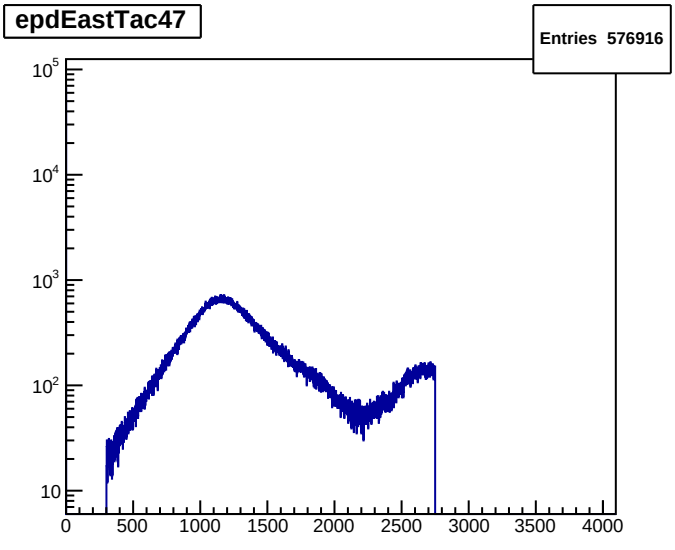
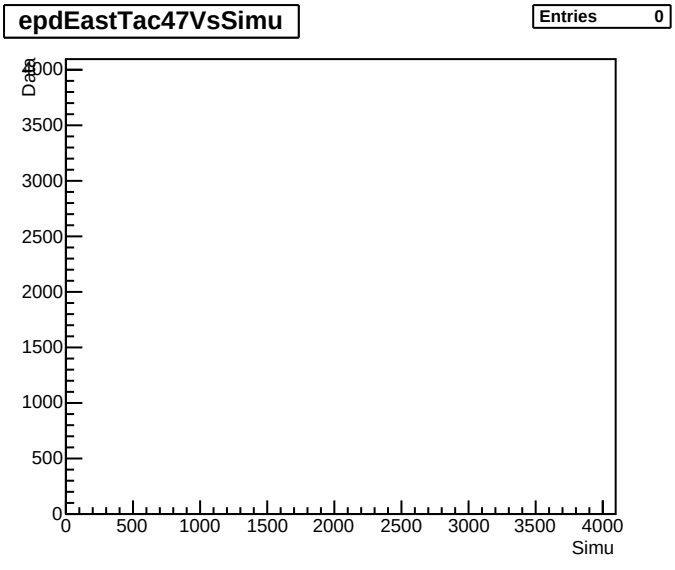
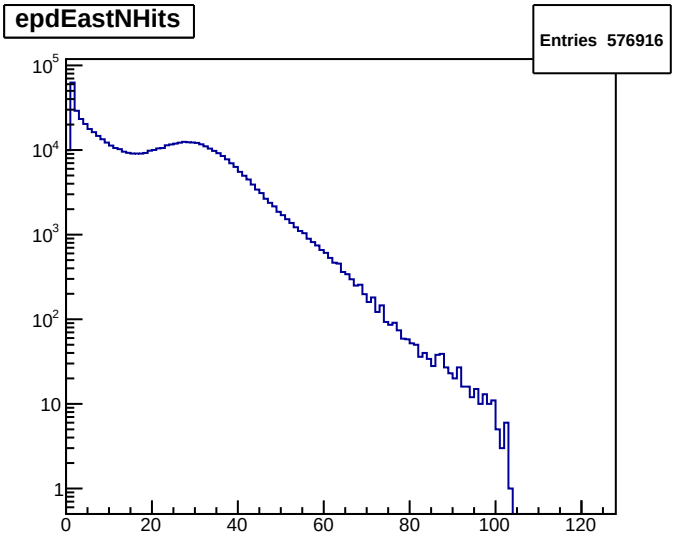
Entries 0
Data-Simu
DSM Input Channel

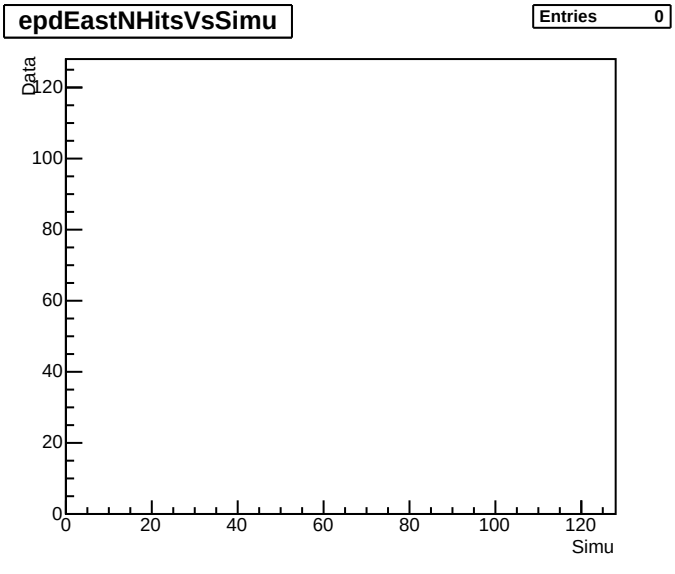

epdEastTac03
Entries 576916


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 576916


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 576916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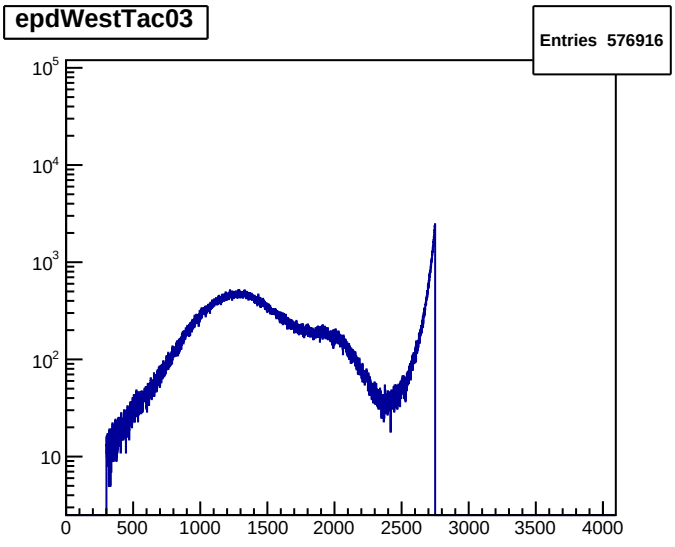
Entries 0
Data
Simu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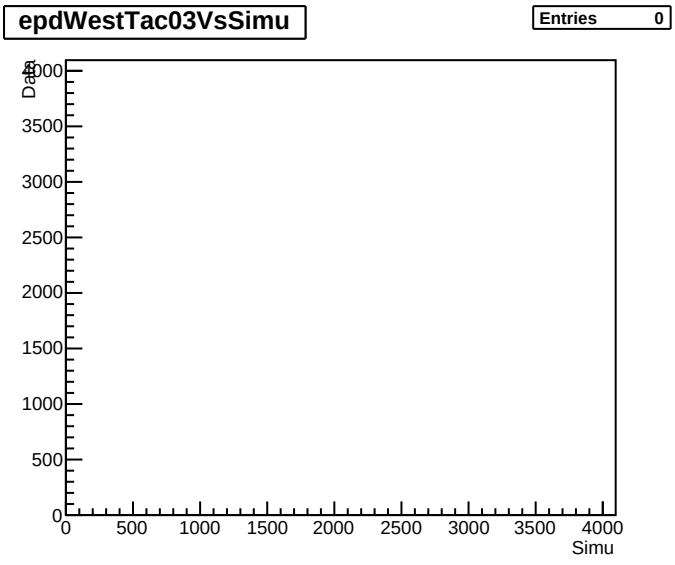
Entries 576916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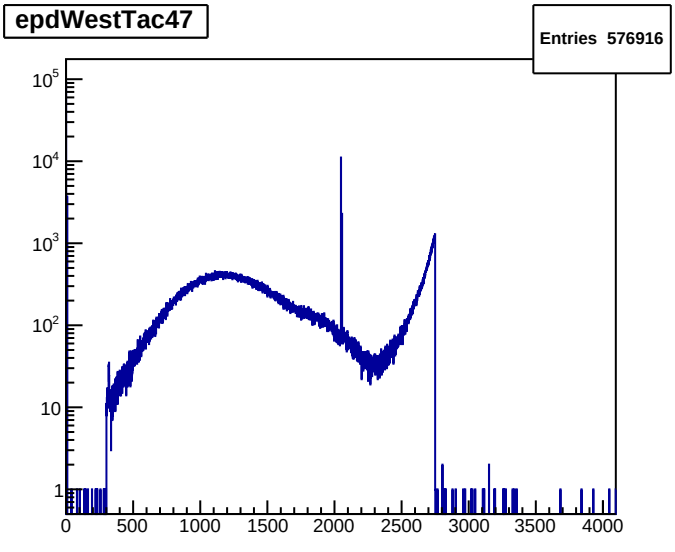
Entries 0
Data
Simu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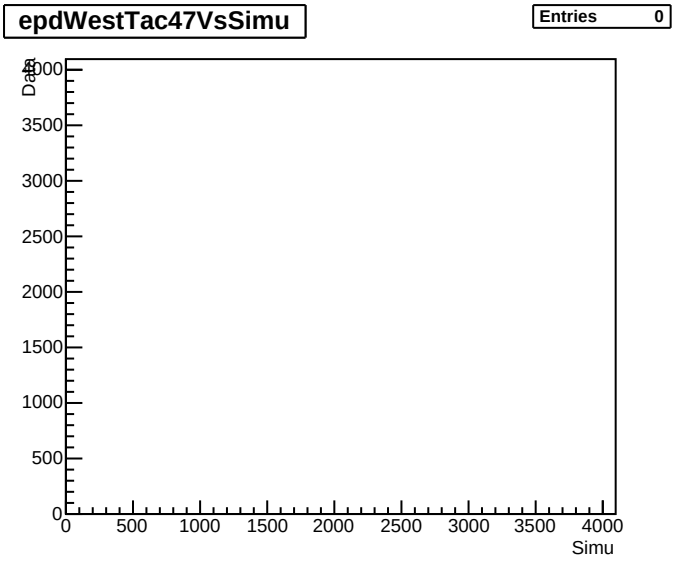
Entries 576916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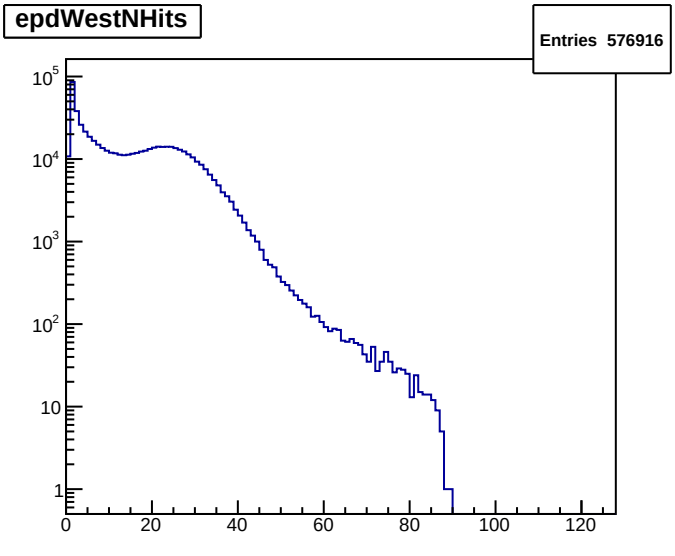
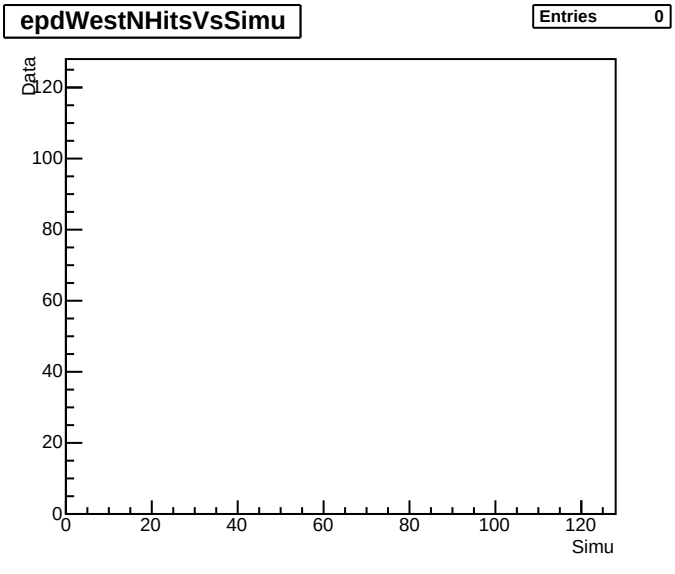
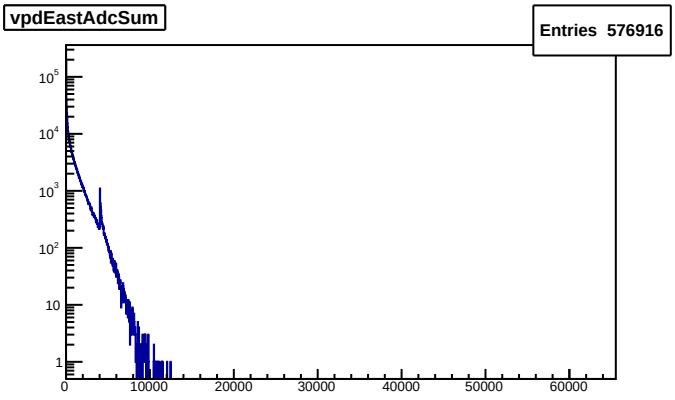
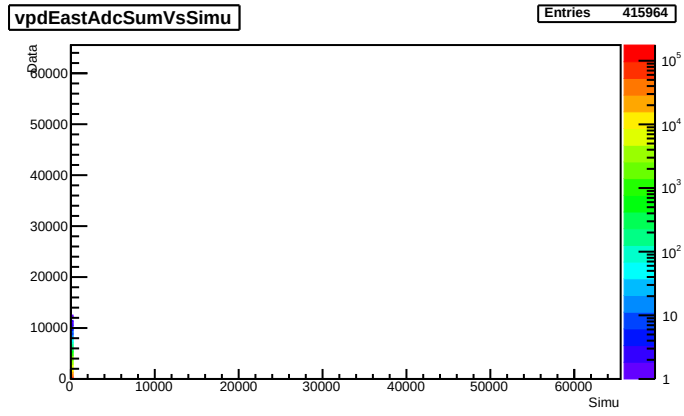
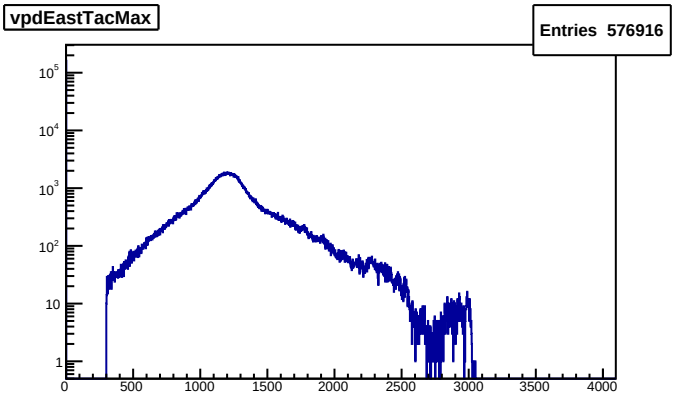
Entries 0
Data
Simu

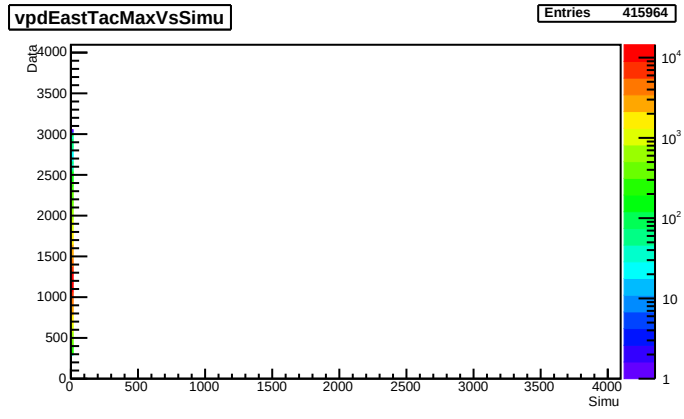

epdWestNHits
Entries 576916


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 576916


vpdEastAdcSumVsSimu
Entries 415964
Data
Simu


vpdEastTacMax
Entries 576916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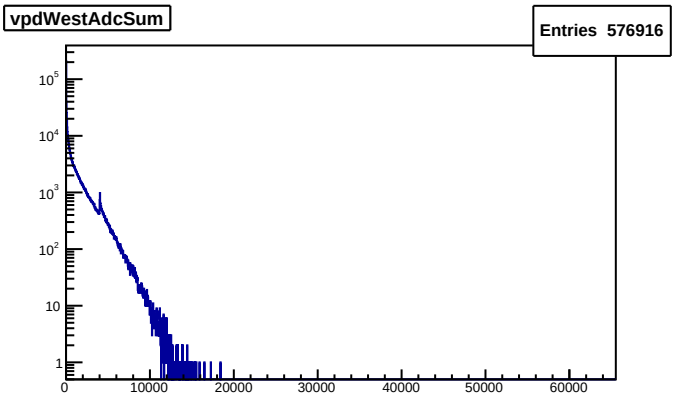
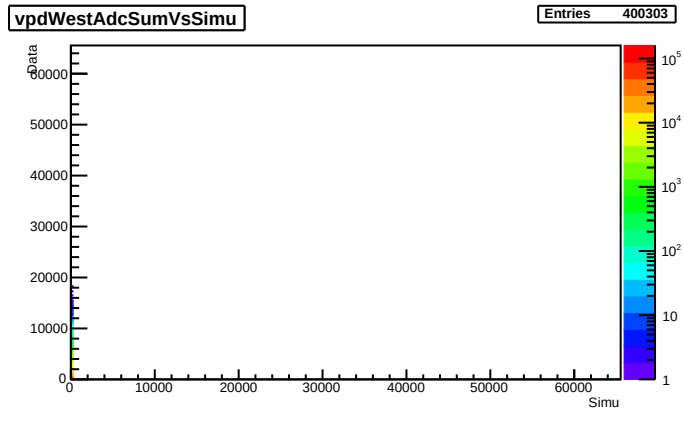
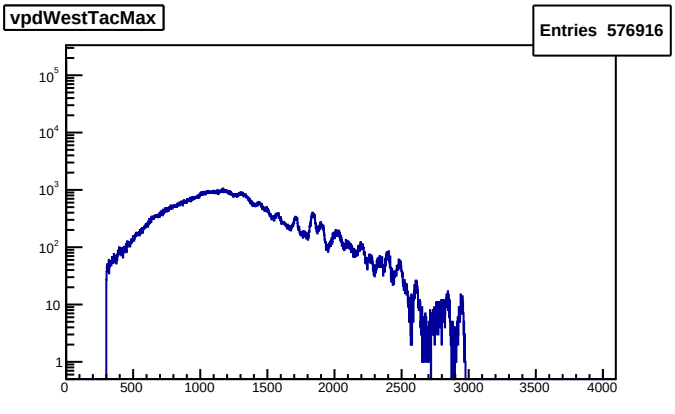
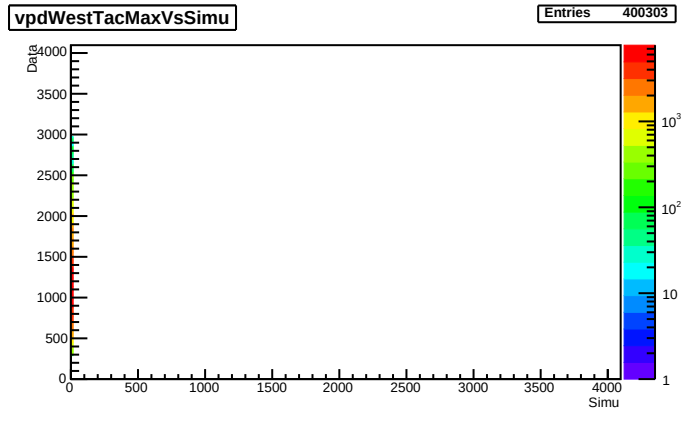
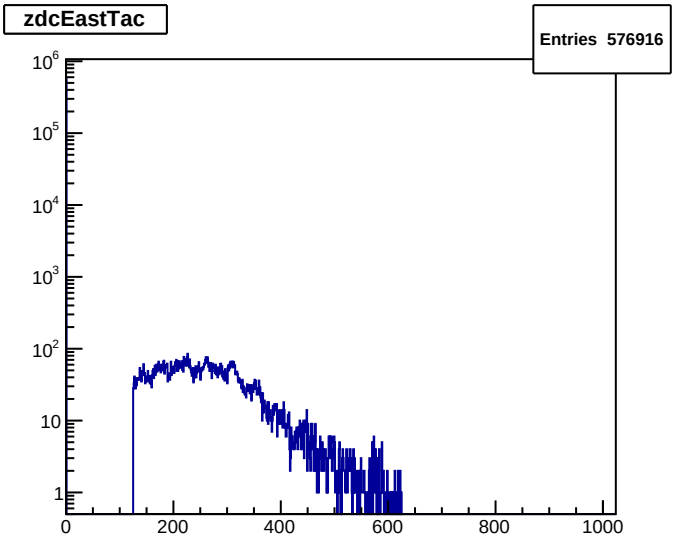
Entries 415964
Data
Simu

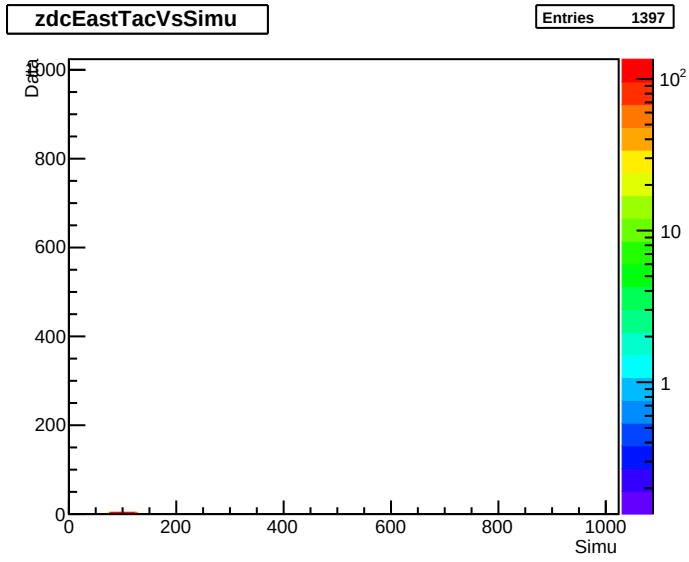

vpdWestAdcSum
Entries 576916

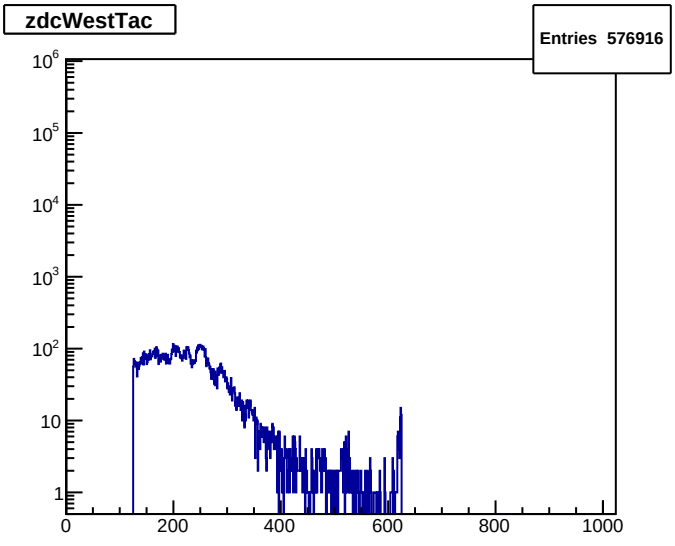

vpdWestAdcSumVsSimu
Entries 400303
Data
Simu

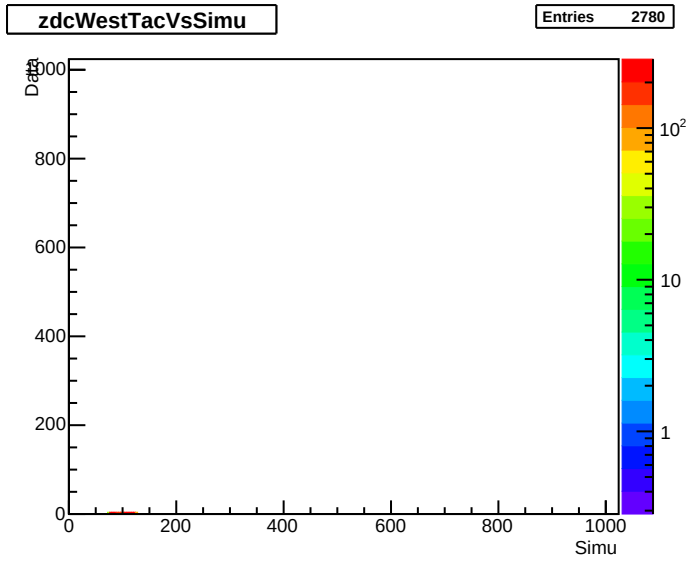

vpdWestTacMax
Entries 576916

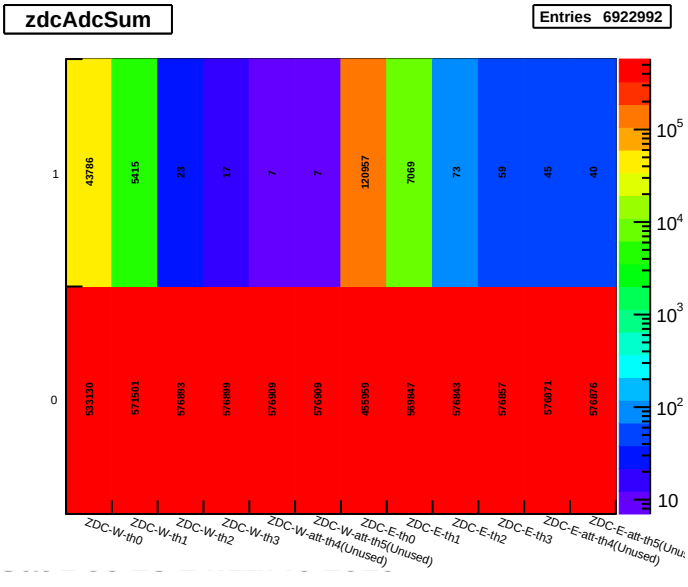

vpdWestTacMaxVsSimu
Entries 400303
Data
Simu

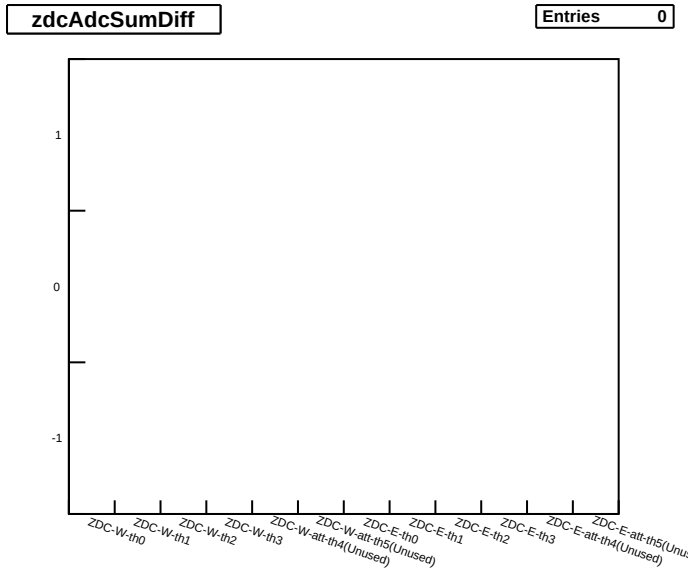

zdcEastTac
Entries 576916

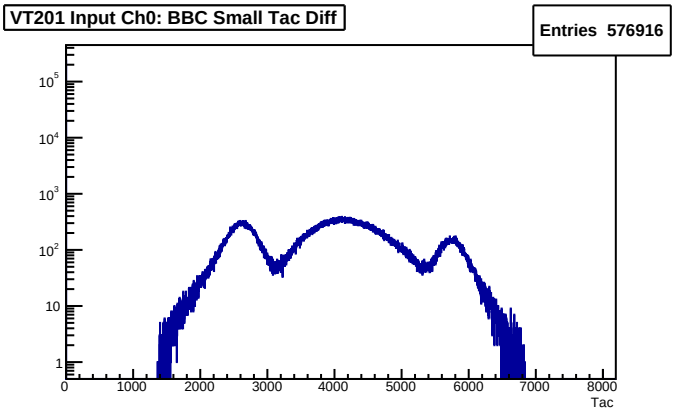

zdcEastTacVsSimu
Entries 1397
Data
Simu

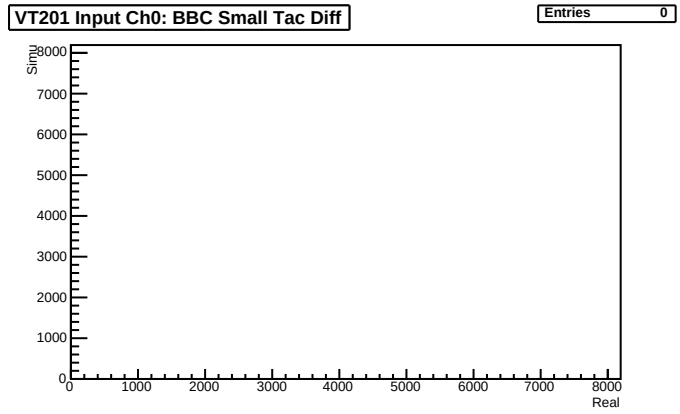

zdcWestTac
Entries 576916

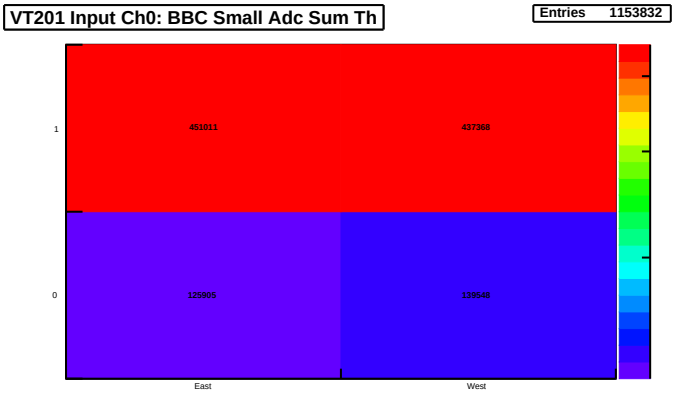

zdcWestTacVsSimu
Entries 2780
Data
Simu

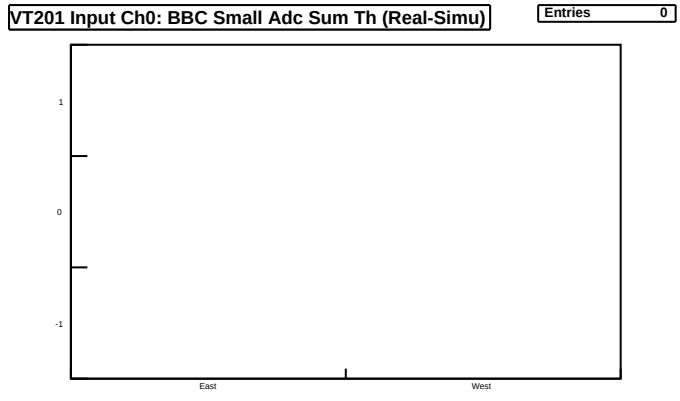

zdcAdcSum
Entries 6922992
43786
5415
23
17
7
7
120957
7069
73
59
45
40
533130
571501
576893
576899
576909
576909
455959
569847
576843
576857
576871
576876
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

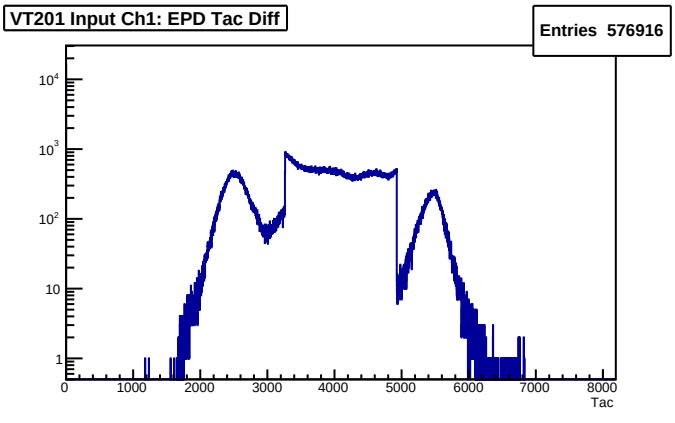

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

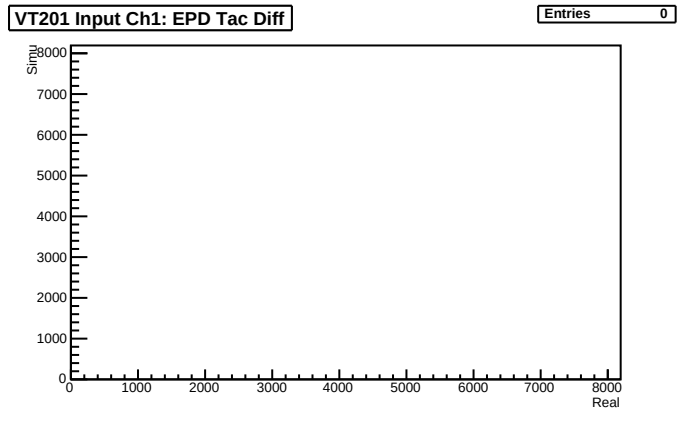

VT201 Input Ch0: BBC Small Tac Diff
Entries 576916
Tac

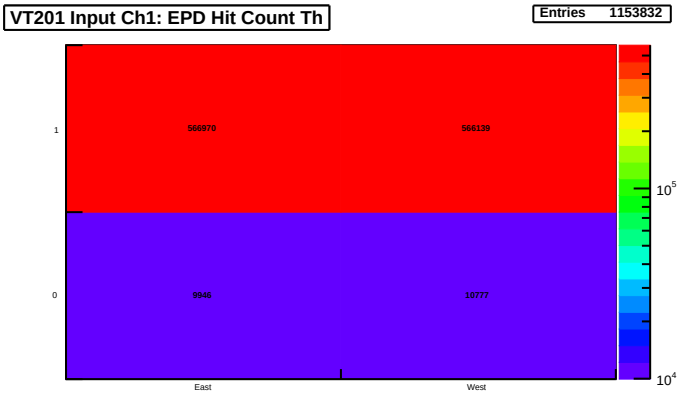

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

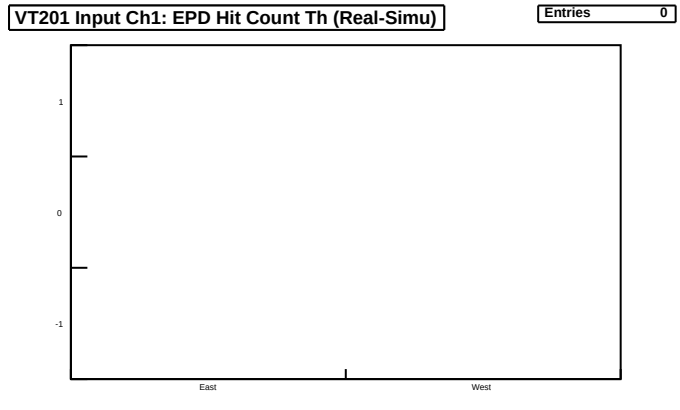

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1153832
451011
437368
125905
139548
East
West

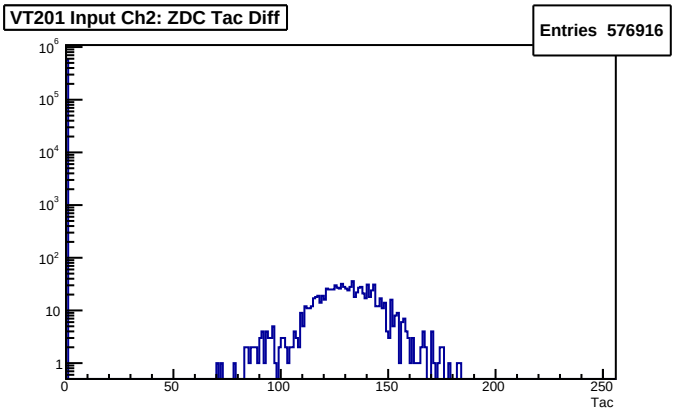

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

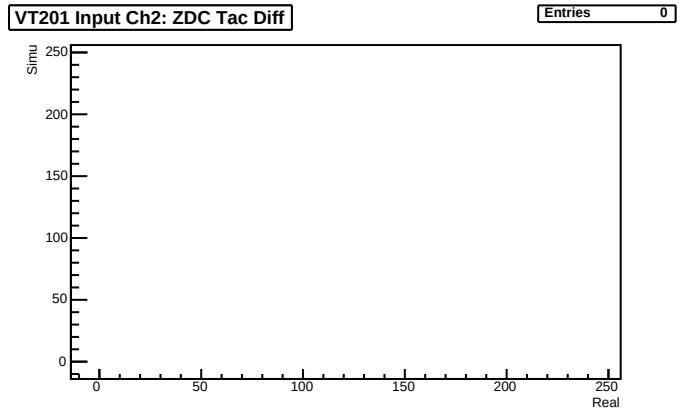

VT201 Input Ch1: EPD Tac Diff
Entries 576916
Tac

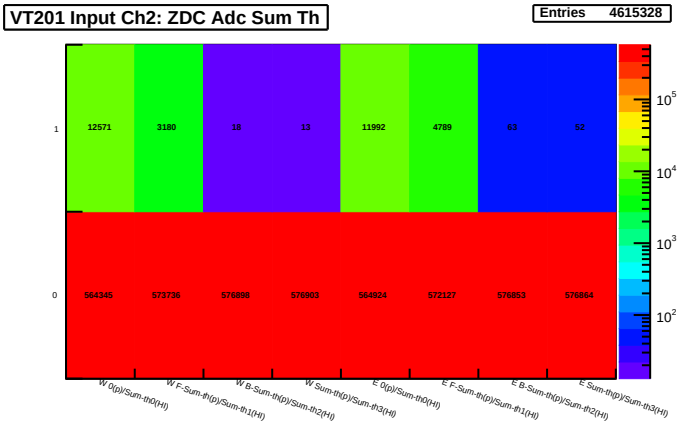

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

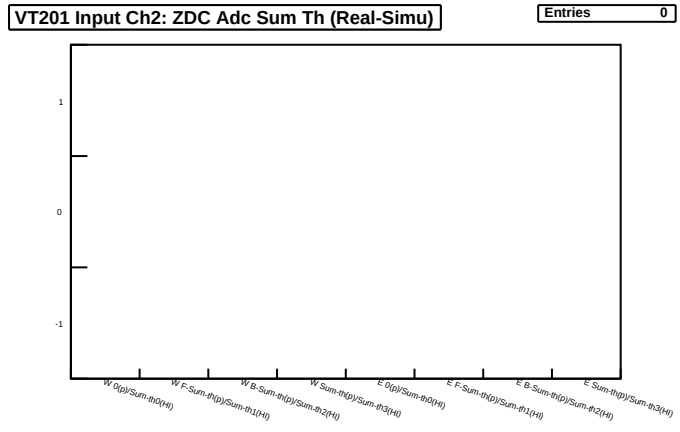

VT201 Input Ch1: EPD Hit Count Th
Entries 1153832
566970
566139
9946
10777
East
West

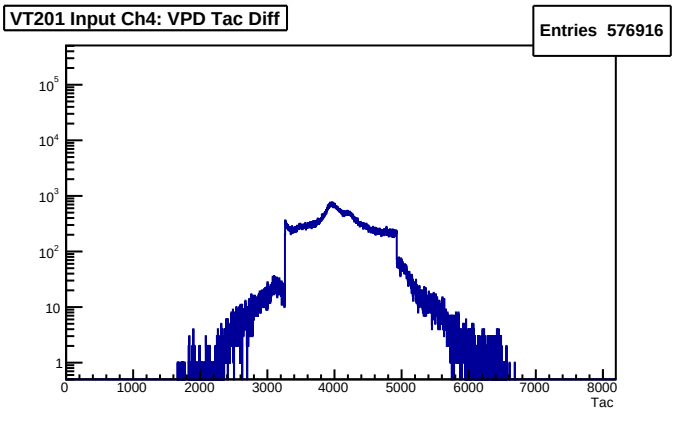

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

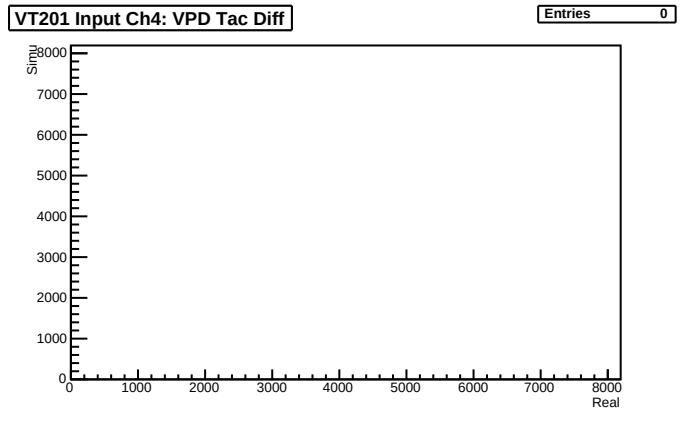

VT201 Input Ch2: ZDC Tac Diff
Entries 576916
Tac

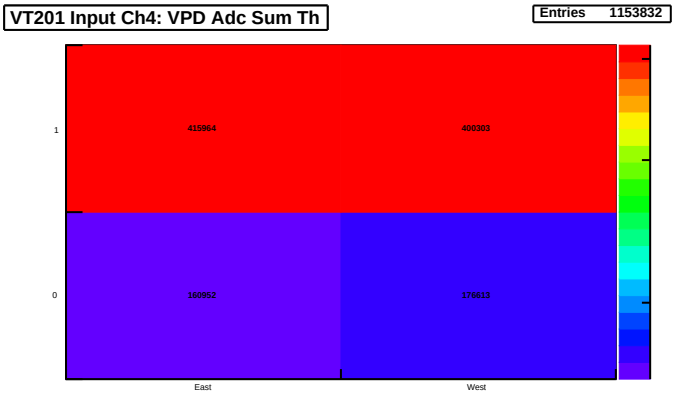

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

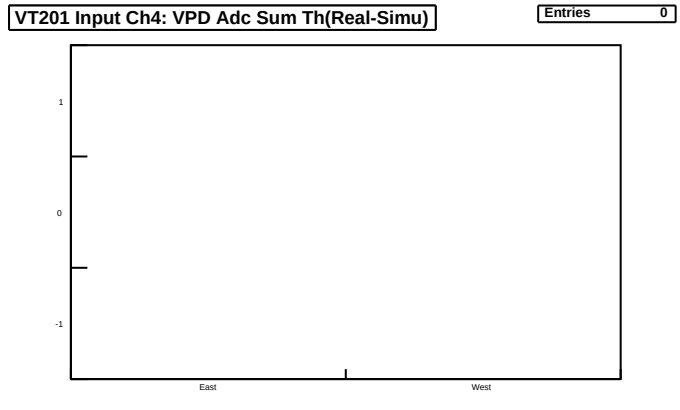

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4615328
12571
3180
18
13
11992
4789
63
52
564345
573736
576898
576903
564924
572127
576853
576864
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

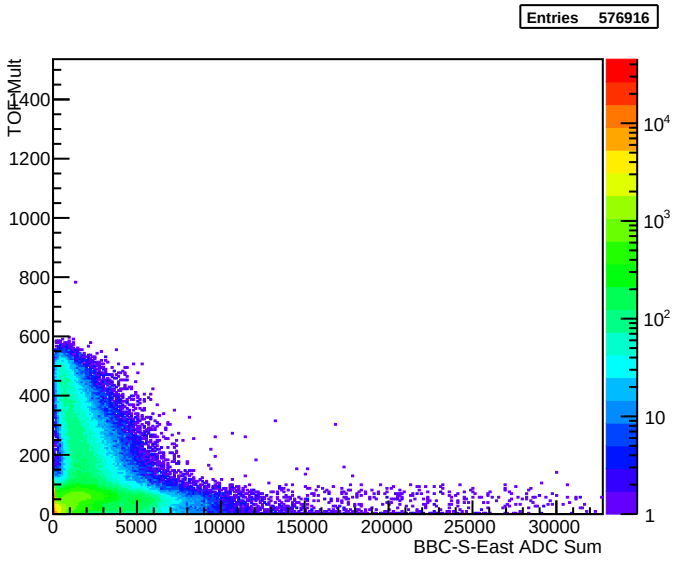

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

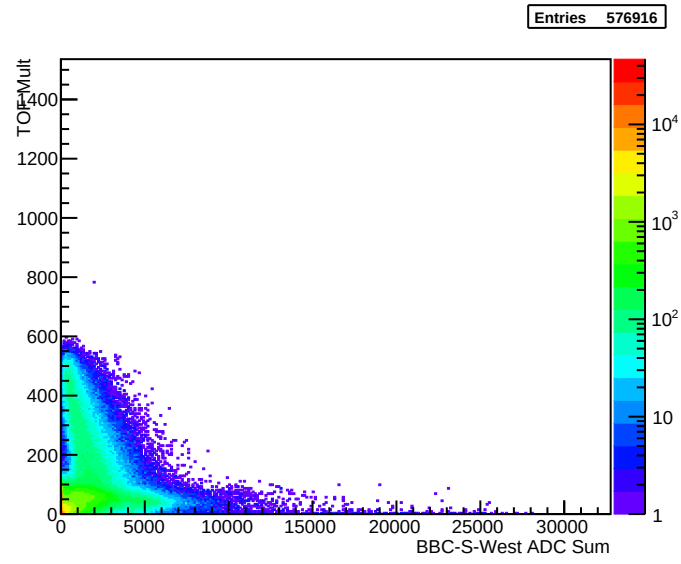

VT201 Input Ch4: VPD Tac Diff
Entries 576916
Tac

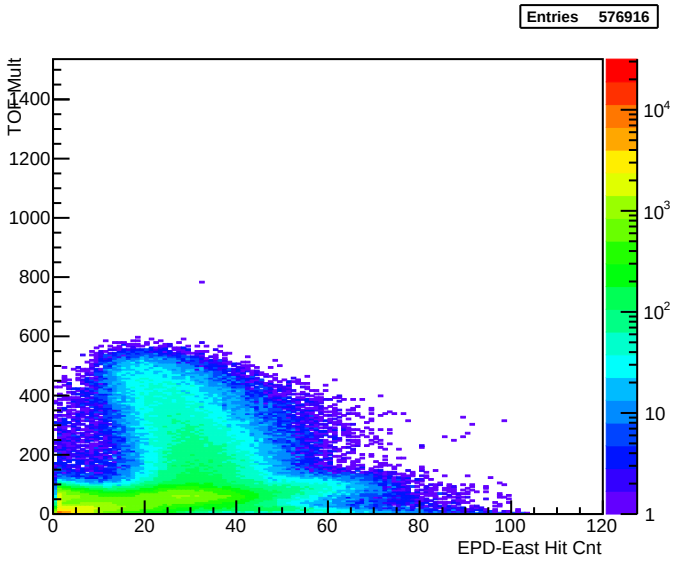

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

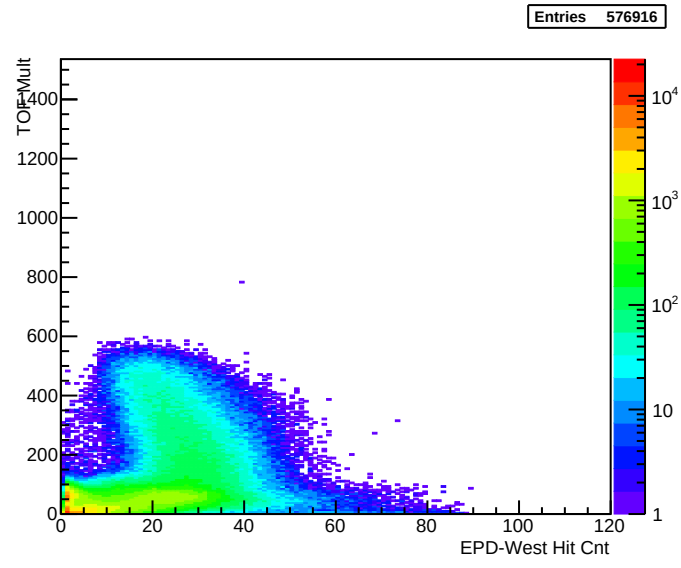

VT201 Input Ch4: VPD Adc Sum Th
Entries 1153832
415964
400303
160952
176613
East
West

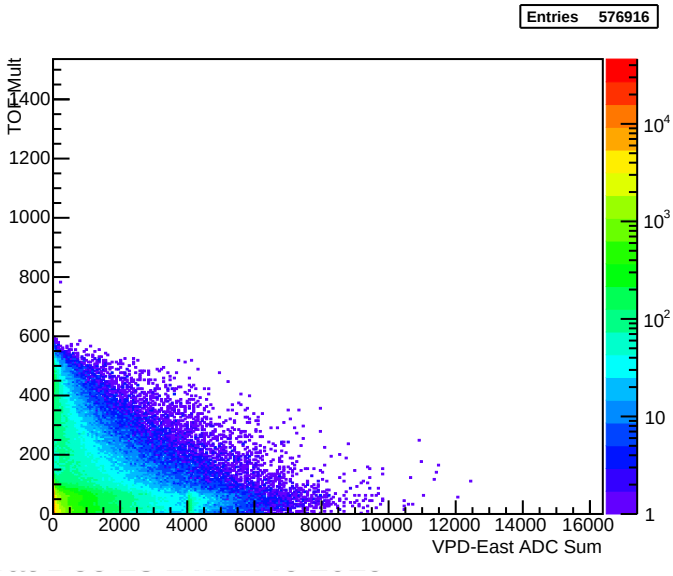

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

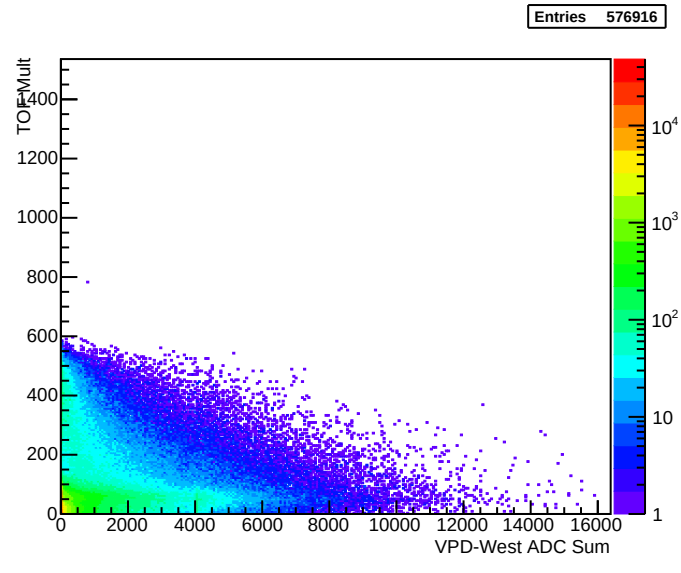

Entries 576916
TOF-Mult
BBC-S-East ADC Sum

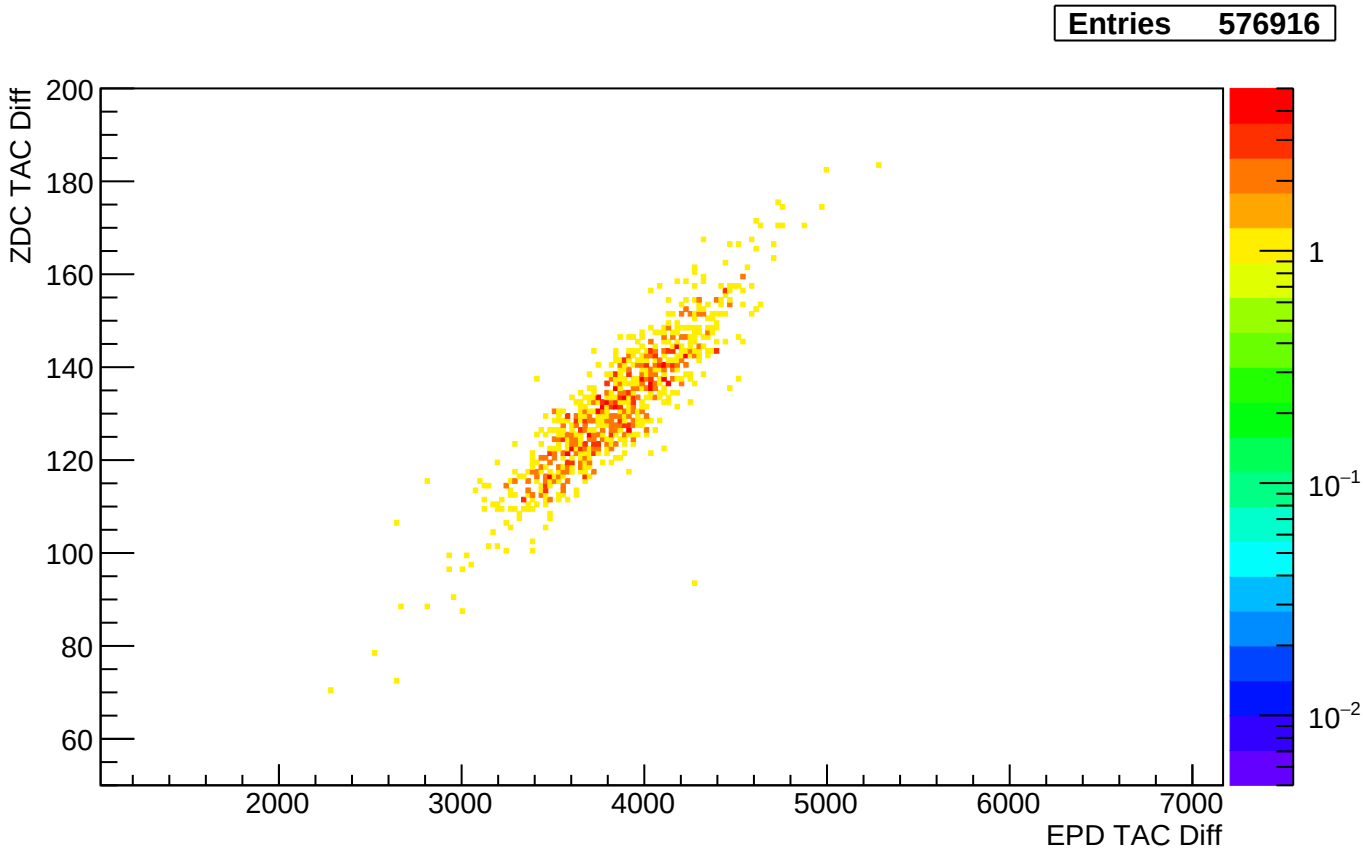

Entries 576916
TOF-Mult
BBC-S-West ADC Sum

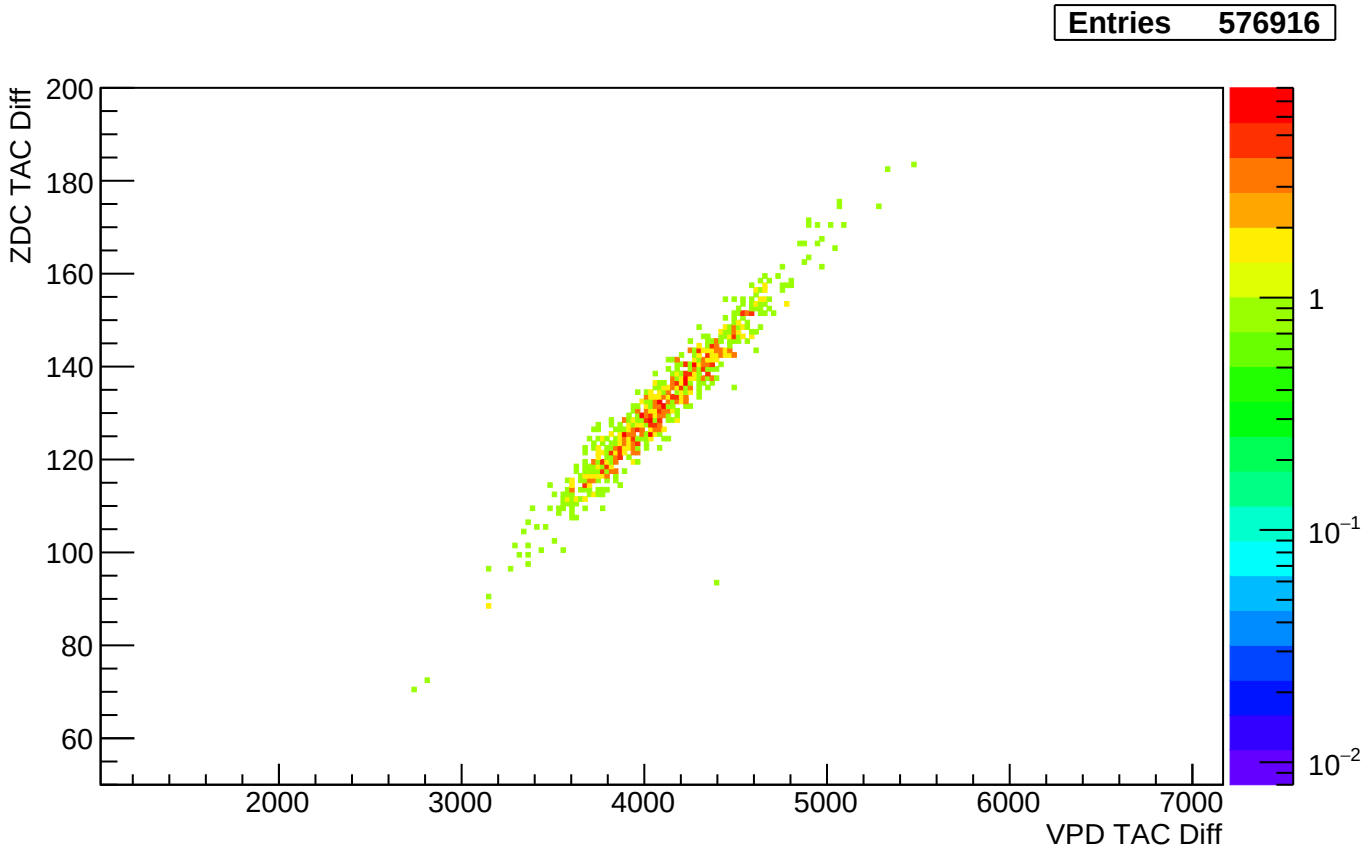

Entries 576916
TOF-Mult
EPD-East Hit Cnt

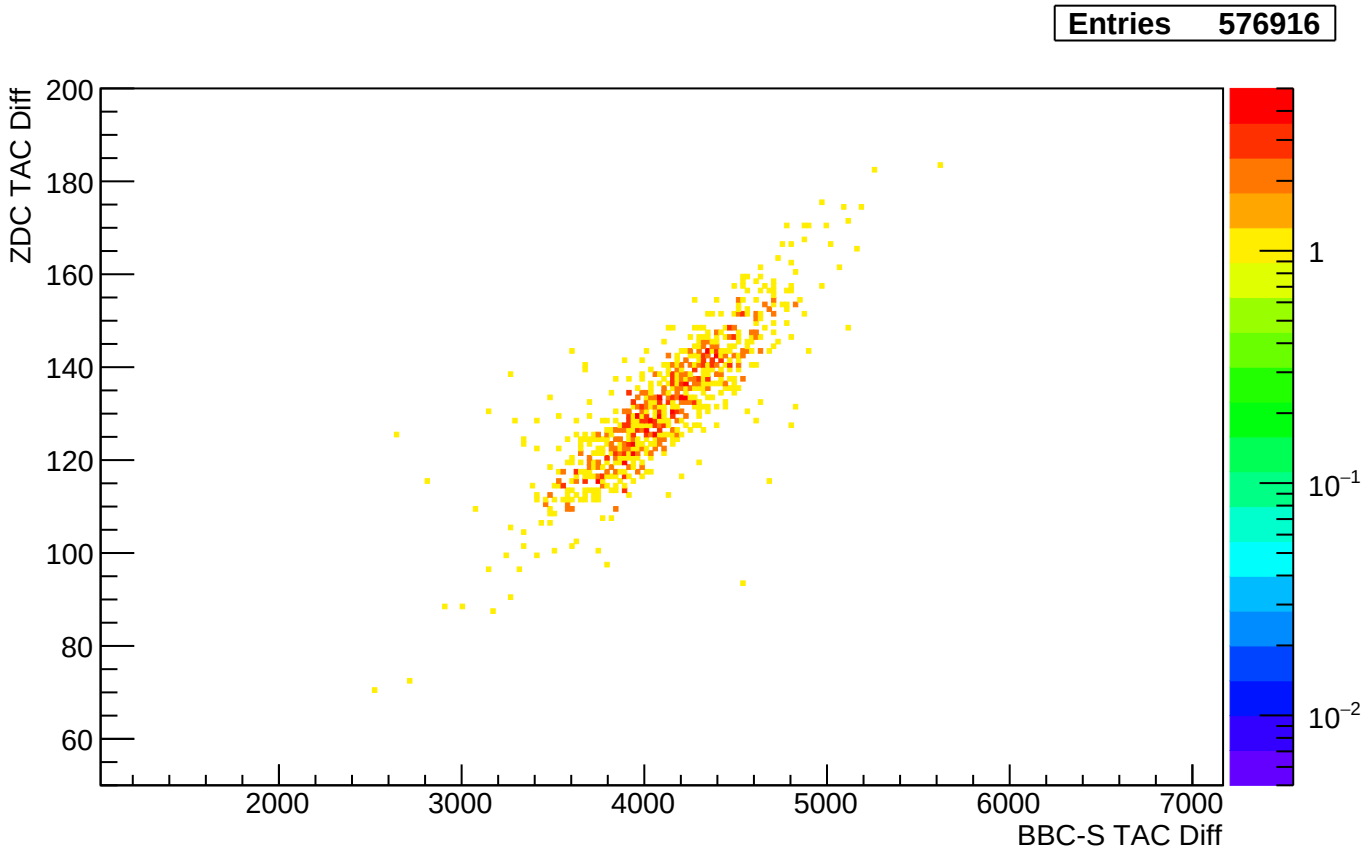

Entries 576916
TOF-Mult
EPD-West Hit Cnt

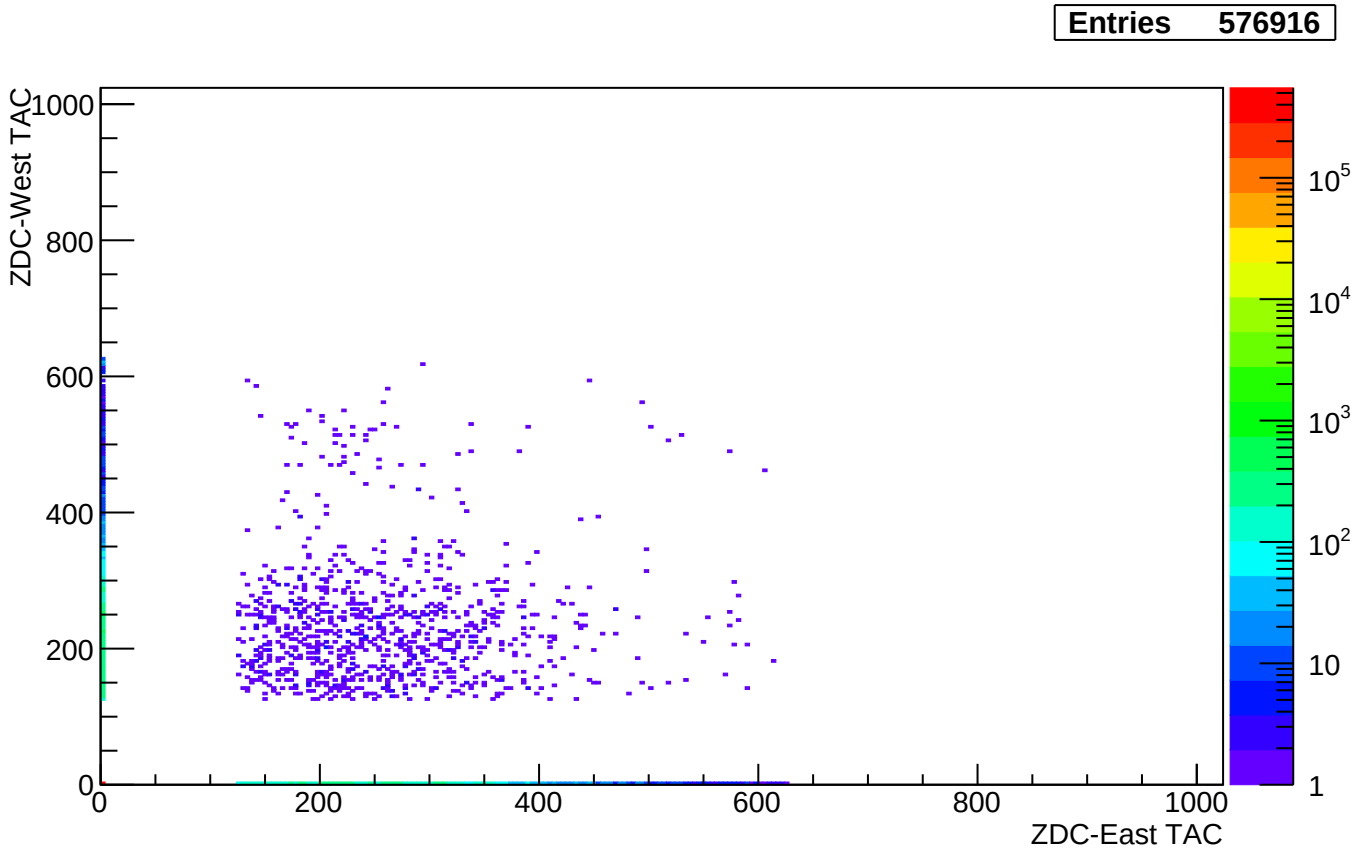

Entries 576916
TOF-Mult
VPD-East ADC Sum

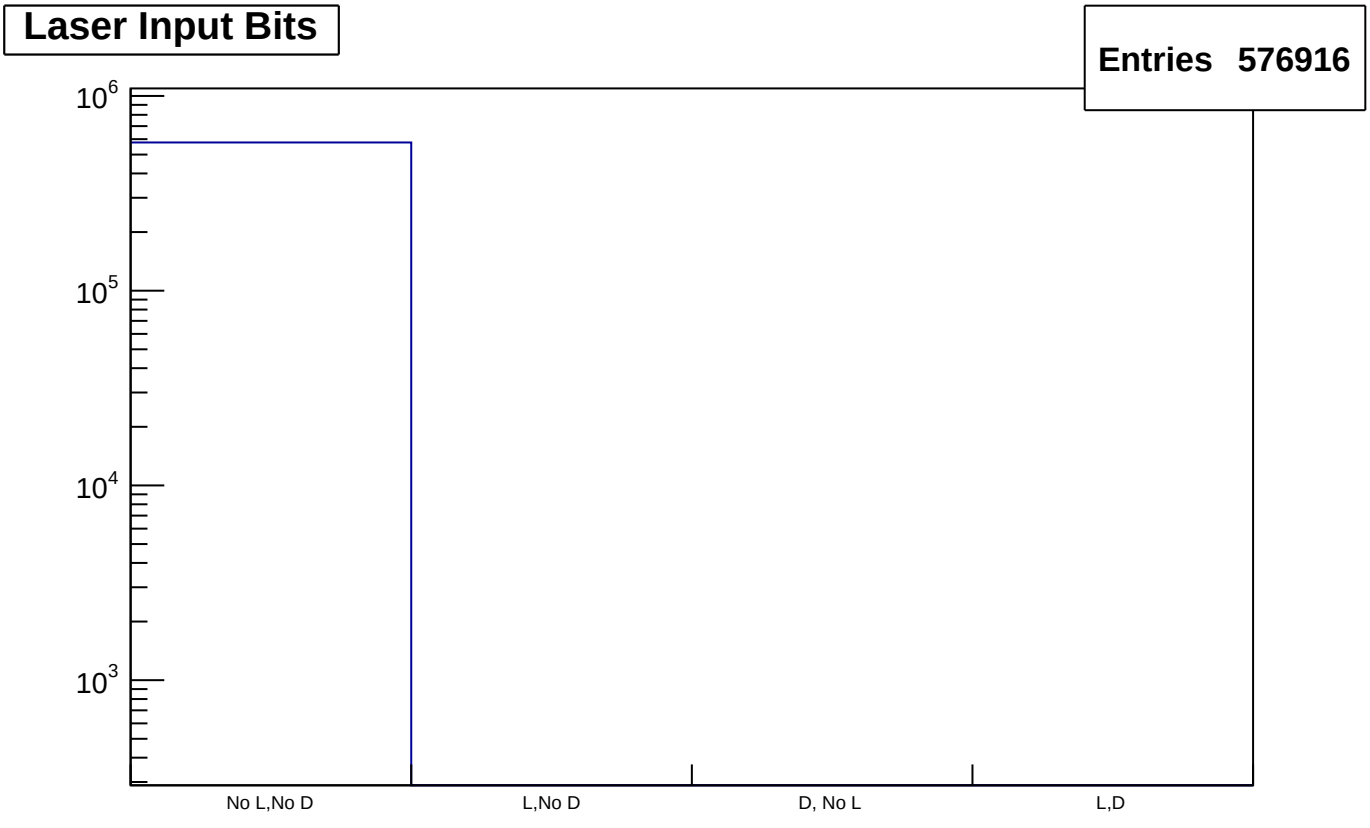

Entries 576916
TOF-Mult
VPD-West ADC Sum

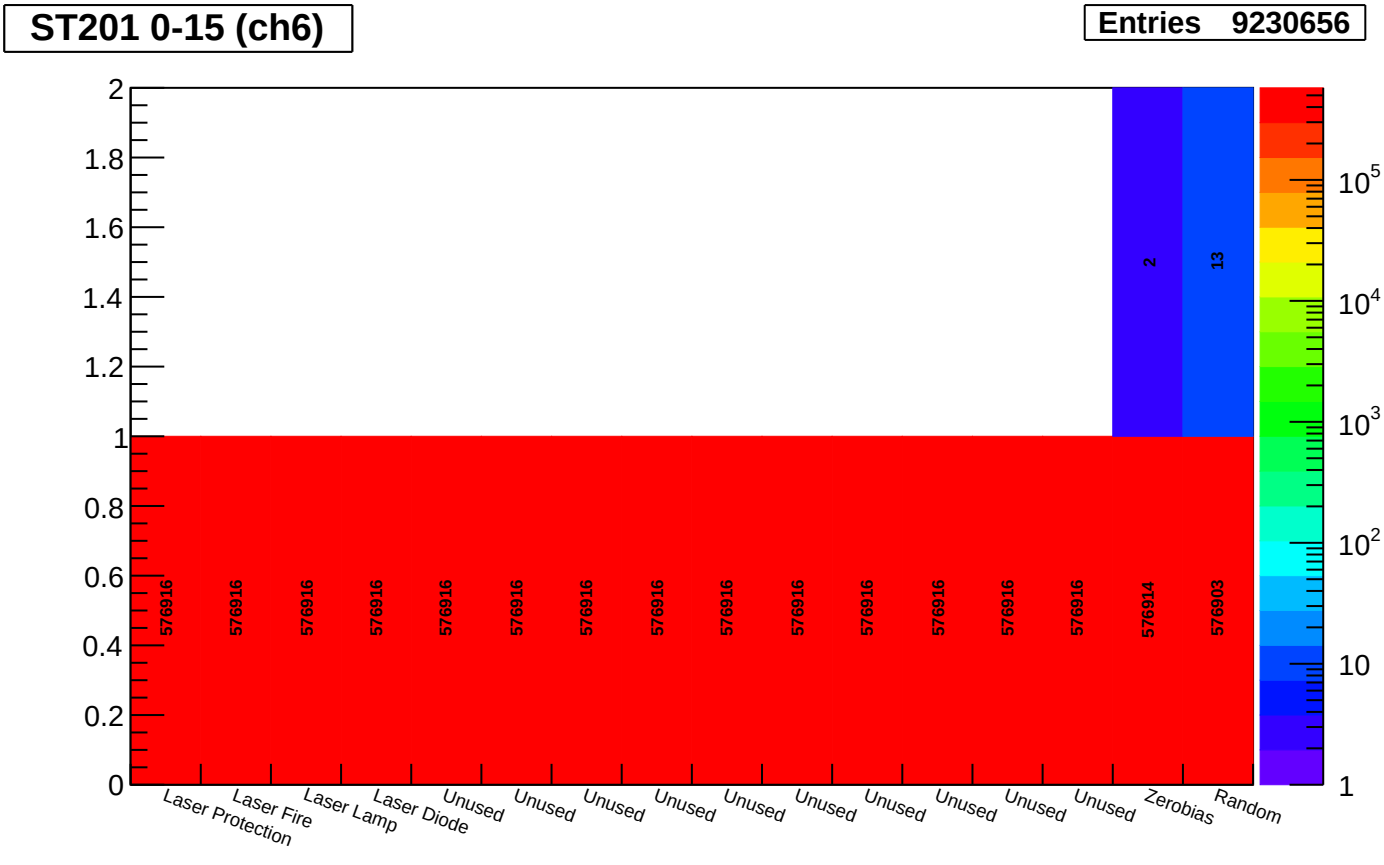

Entries 576916
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

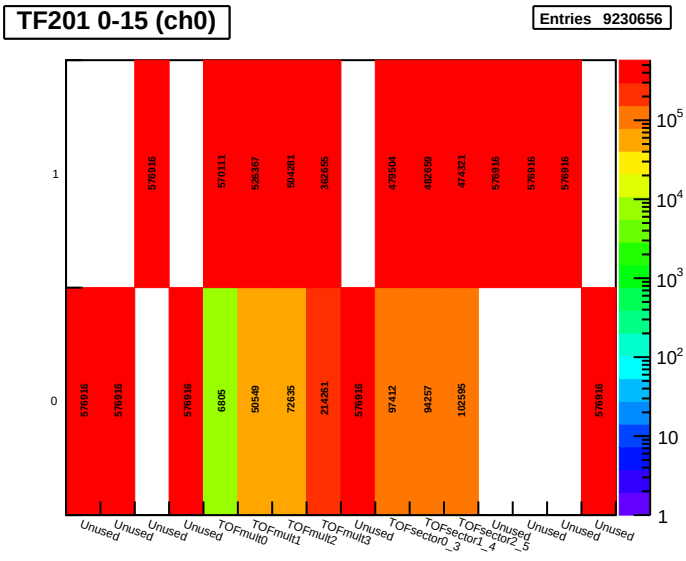

Entries 576916
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

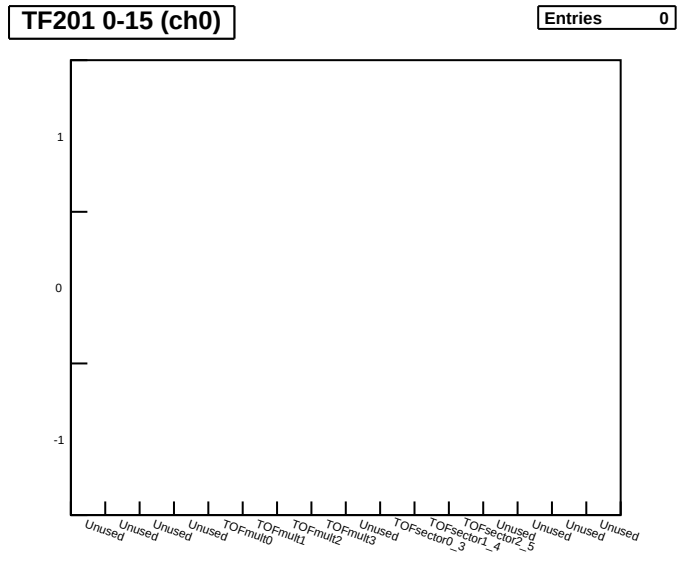

Entries 576916
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

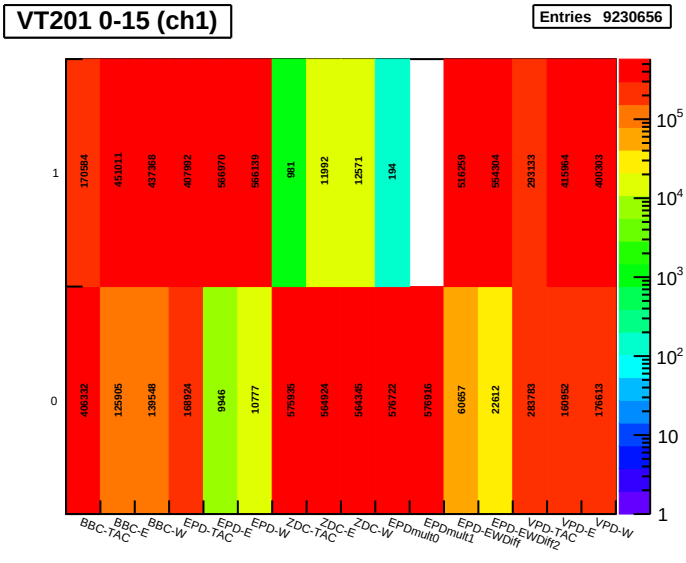

Entries 576916
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

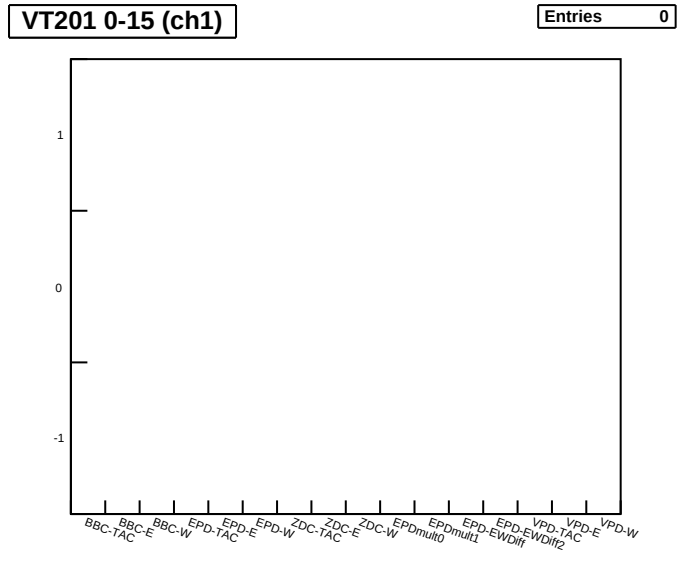

Laser Input Bits
Entries 576916
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

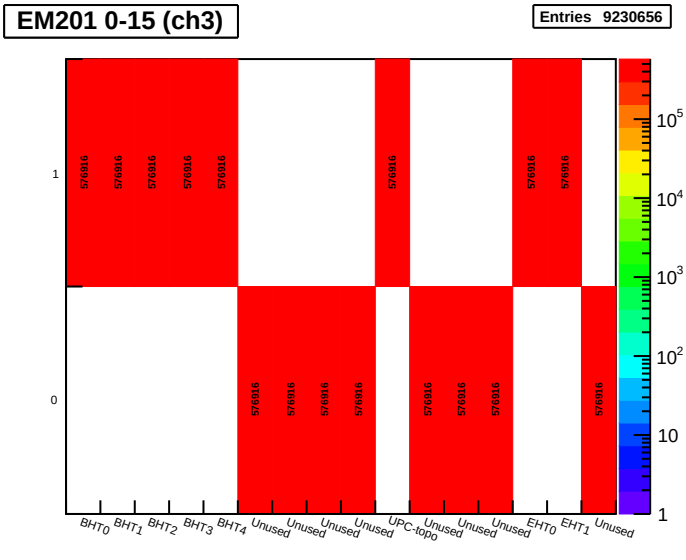

ST201 0-15 (ch6)
Entries 9230656
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
576916
576916
576916
576916
576916
576916
576916
576916
576916
576916
576916
576916
576916
576916
576914
576903
2
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

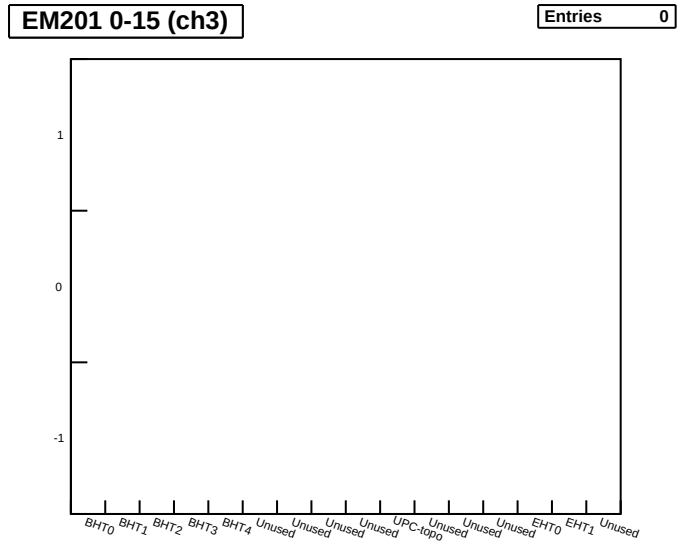

TF201 0-15 (ch0)
Entries 9230656
1
0
576916 570111 526367 504231 362655 479504 492659 474321 576916 576916 576916
576916 576916 576916 6805 50549 72635 214261 576916 97412 94257 102595 576916
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 9230656
1
0
170984 451011 437368 407992 566970 566139 981 11992 12571 194 516259 554304 293133 415964 400383
406332 125905 139548 168924 9946 10777 575935 564924 564345 576722 576916 60657 22612 283783 160952 176613
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 9230656
1
0
576916 576916 576916 576916 576916 576916 576916 576916
576916 576916 576916 576916 576916 576916 576916 576916
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