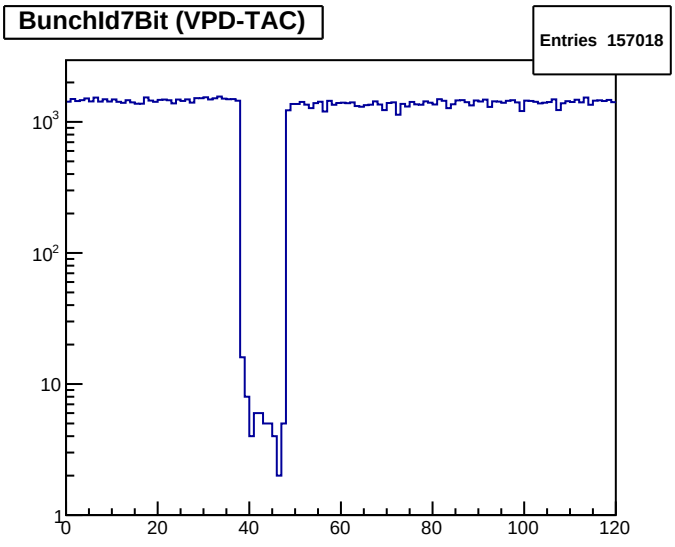
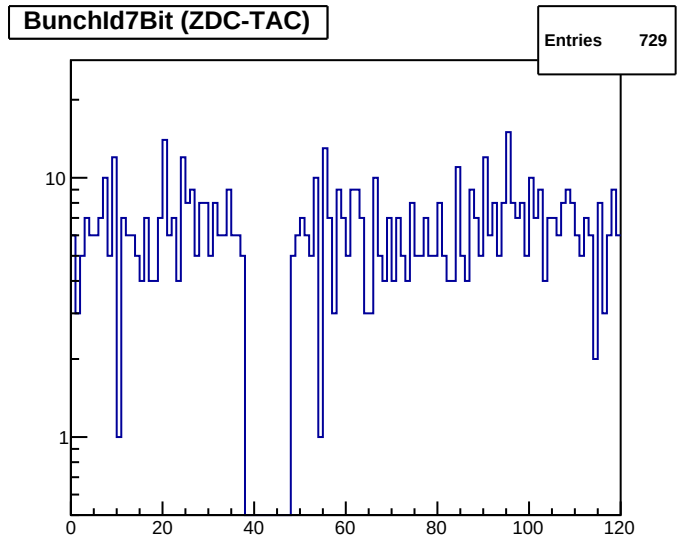
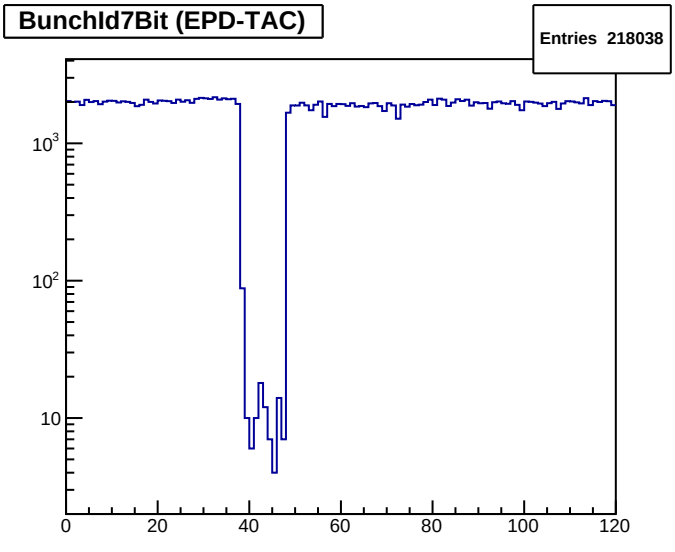
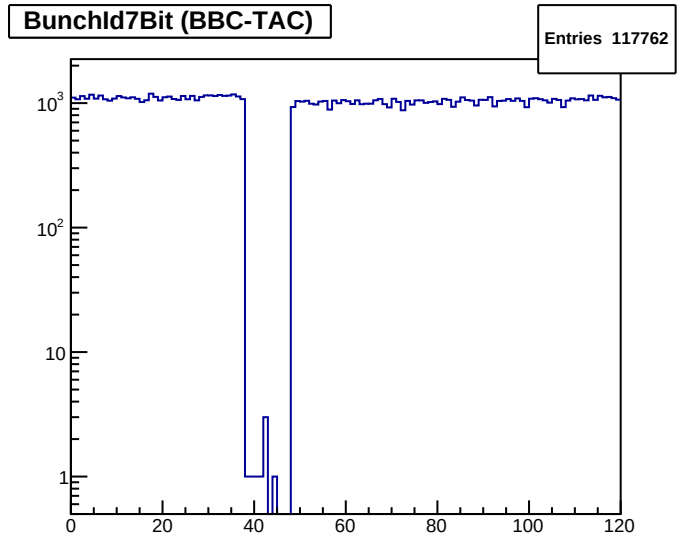
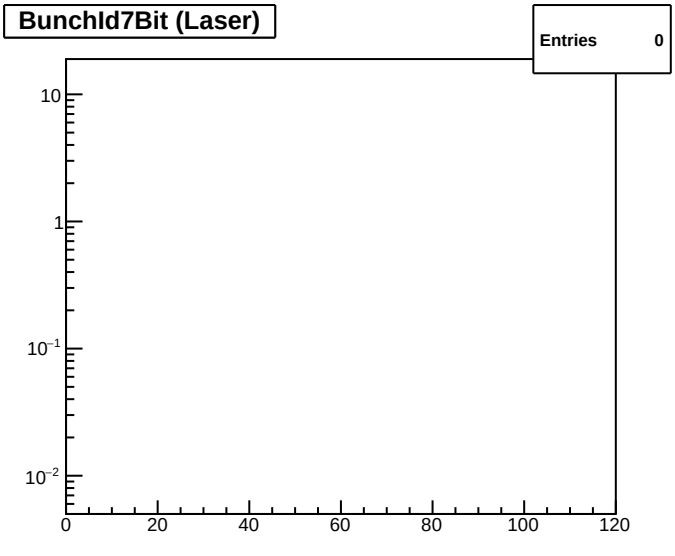
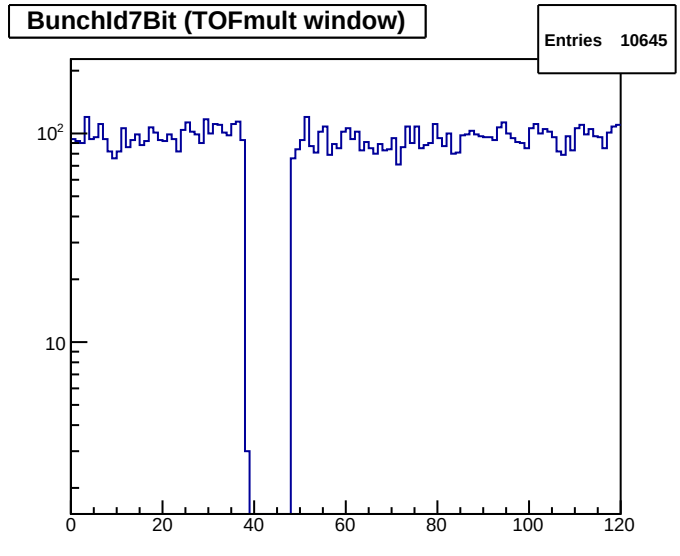

BunchId7Bit (VPD-TAC)
Entries 157018

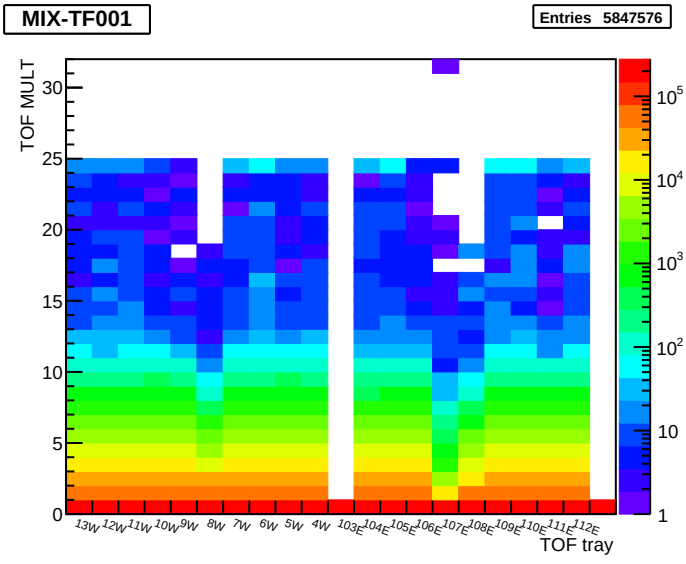

BunchId7Bit (ZDC-TAC)
Entries 729

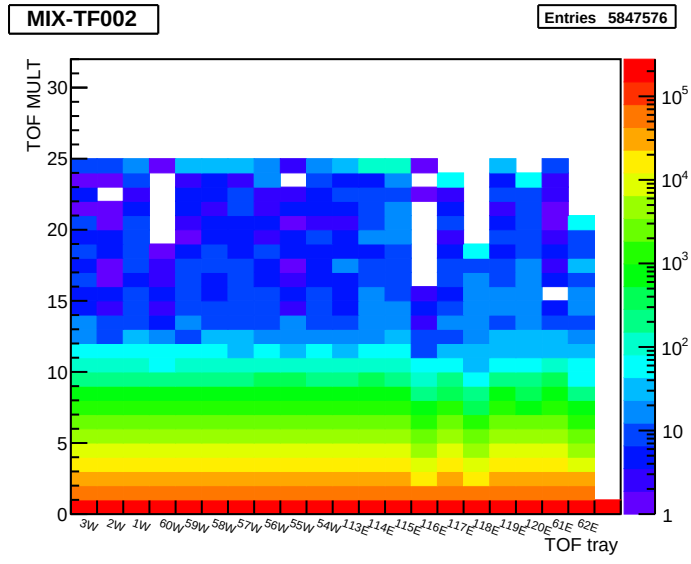

BunchId7Bit (EPD-TAC)
Entries 218038

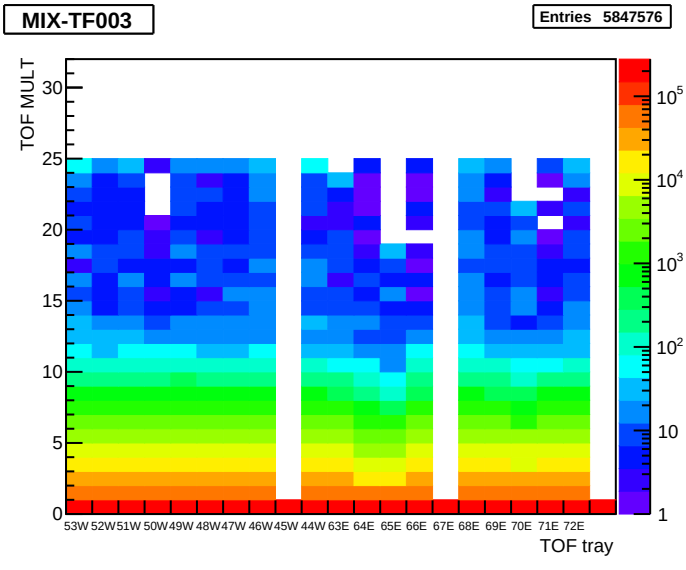

BunchId7Bit (BBC-TAC)
Entries 117762

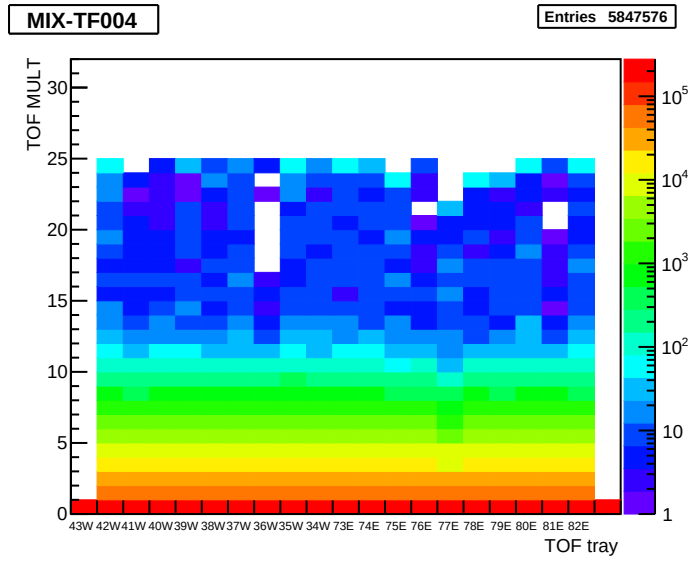

BunchId7Bit (Laser)
Entries 0

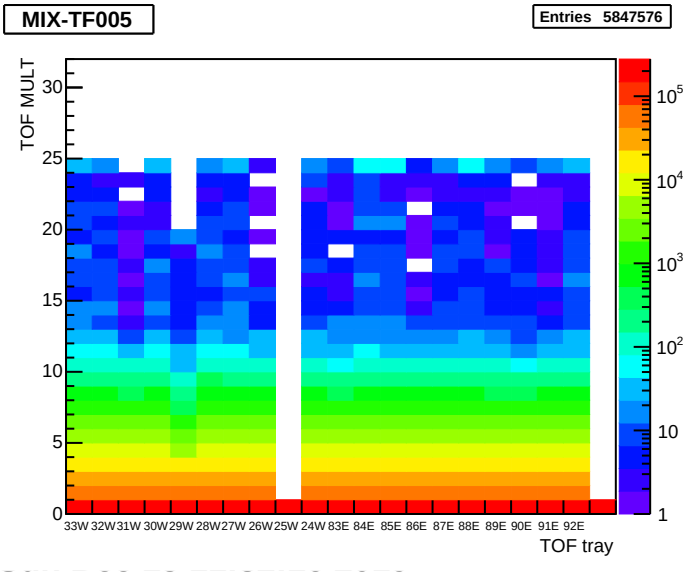

BunchId7Bit (TOFmult window)
Entries 10645

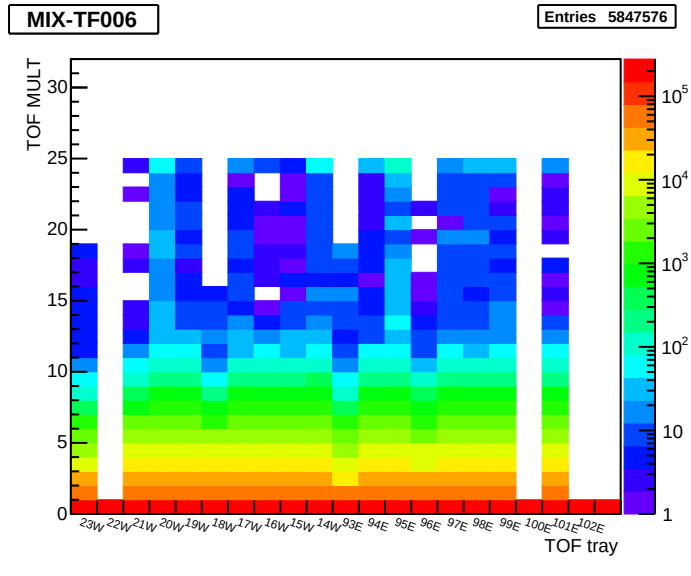

MIX-TF001
Entries 5847576
TOF MULT
TOF tray

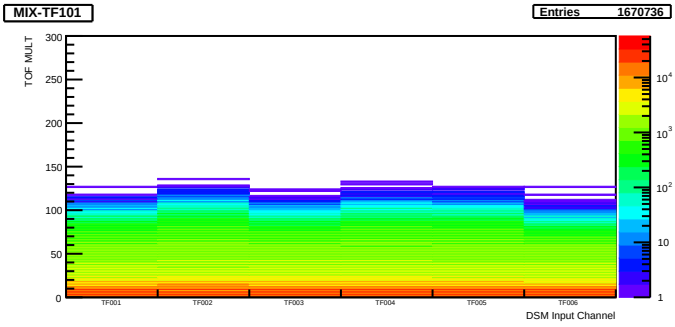

MIX-TF002
Entries 5847576
TOF MULT
TOF tray

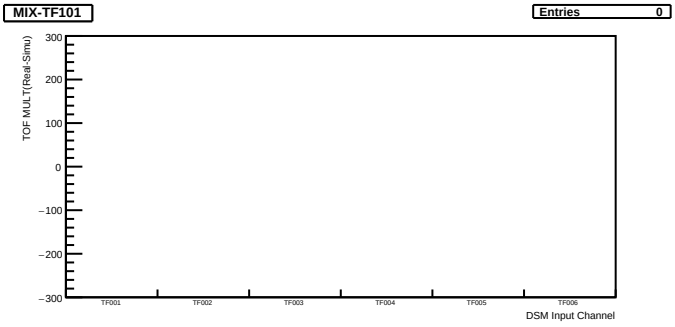

MIX-TF003
Entries 5847576
TOF MULT
TOF tray

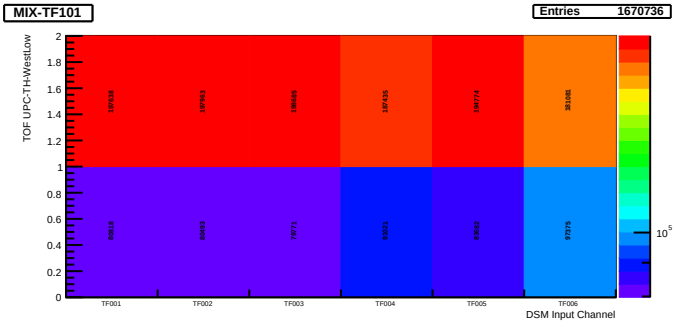

MIX-TF004
Entries 5847576
TOF MULT
TOF tray

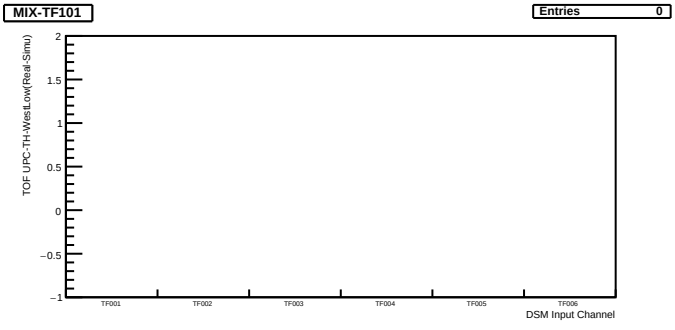

MIX-TF005
Entries 5847576
TOF MULT
TOF tray

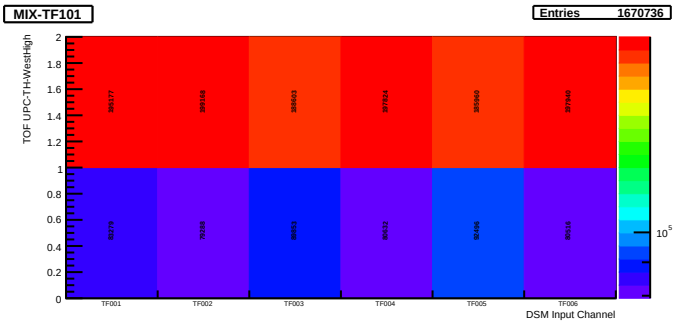

MIX-TF006
Entries 5847576
TOF MULT
TOF tray

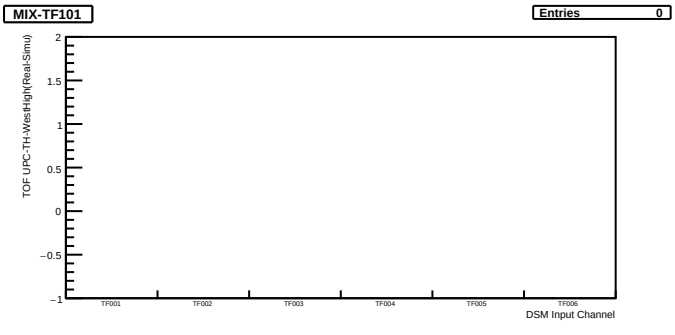

MIX-TF101
Entries 1670736
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

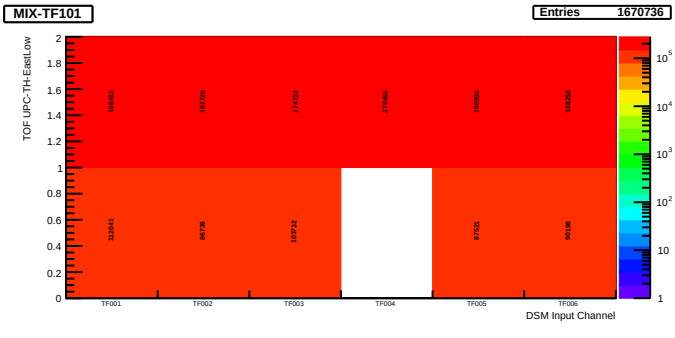

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

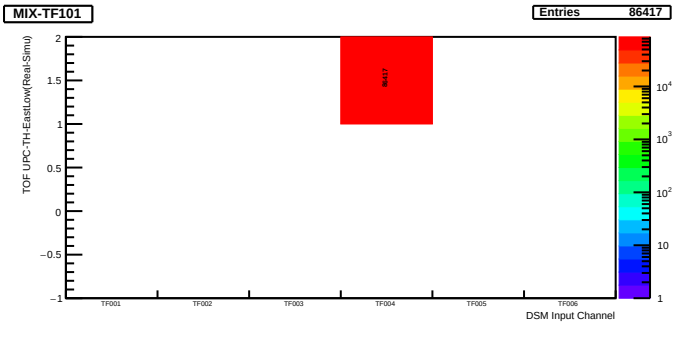

MIX-TF101
Entries 1670736
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

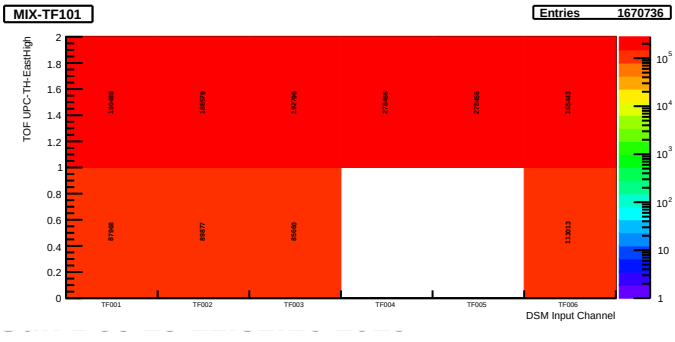

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

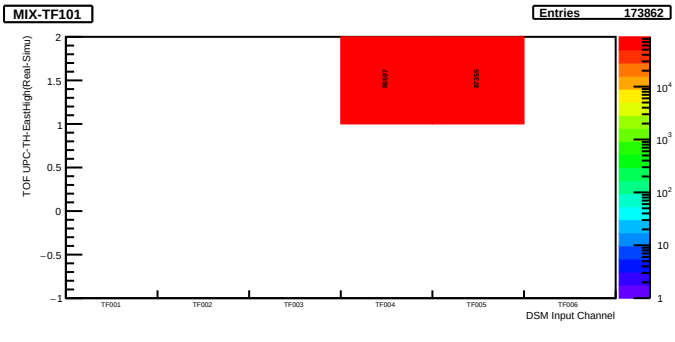

MIX-TF101
Entries 1670736
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

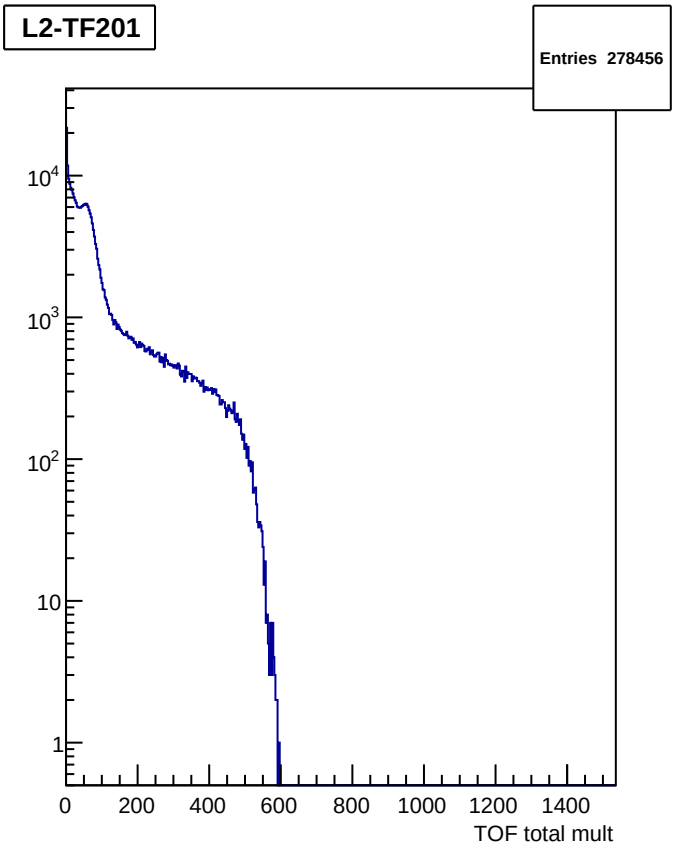

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

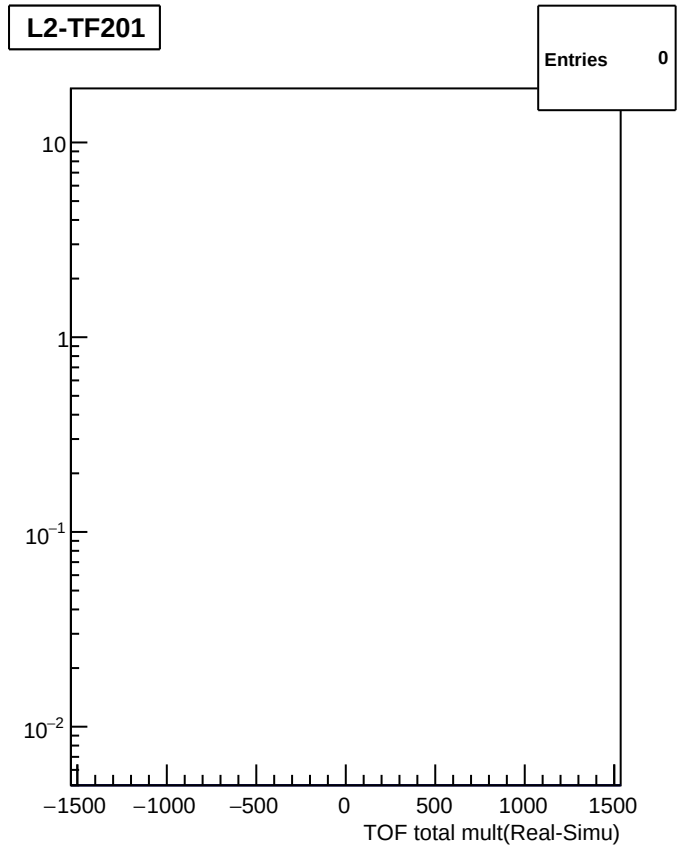

MIX-TF101
Entries 1670736
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

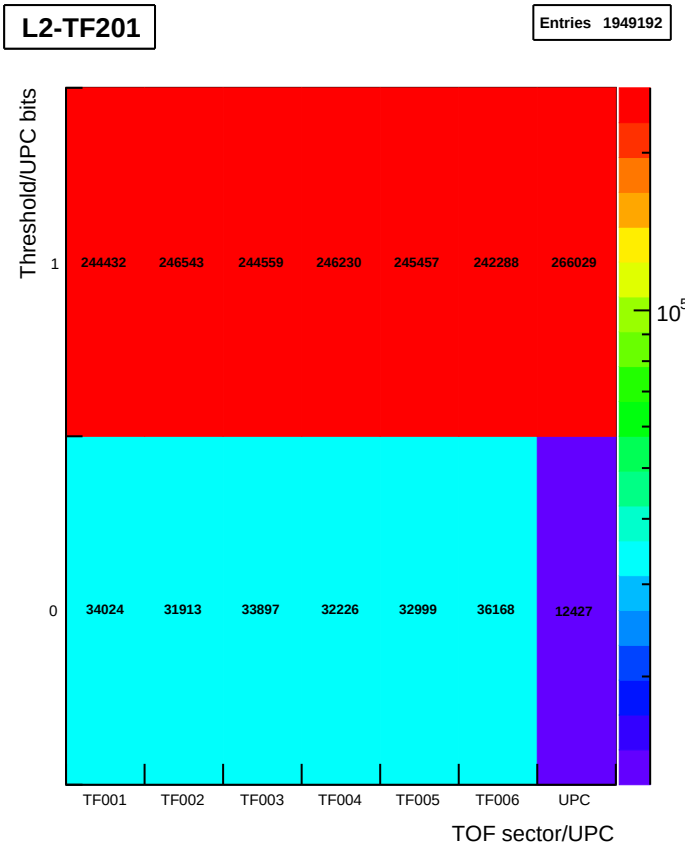

MIX-TF101
Entries 86417
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

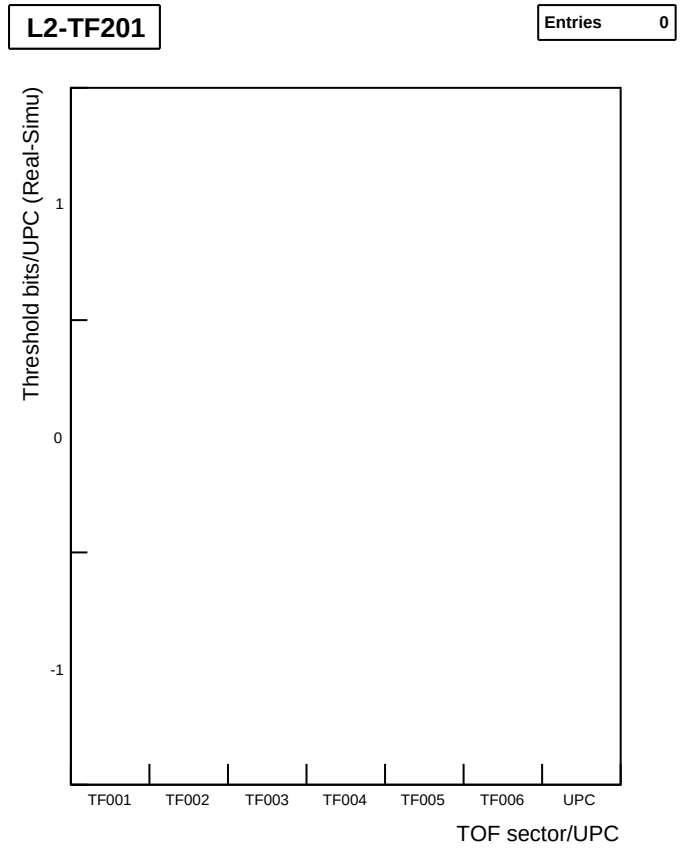

MIX-TF101
Entries 1670736
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

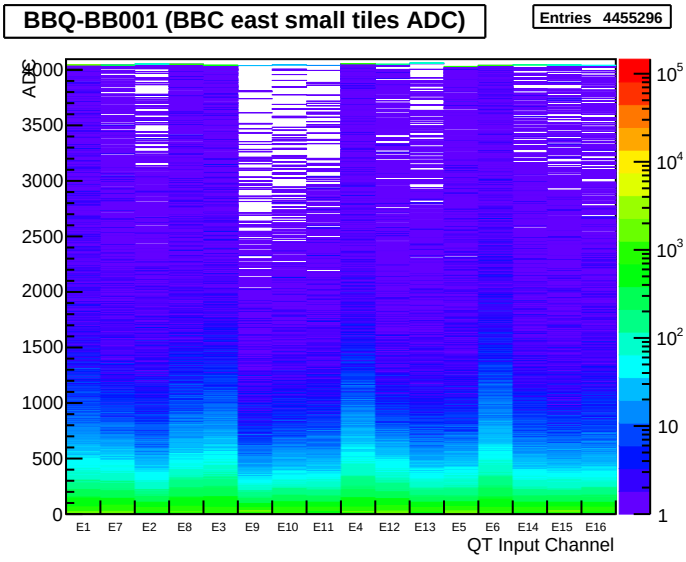

MIX-TF101
Entries 173862
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

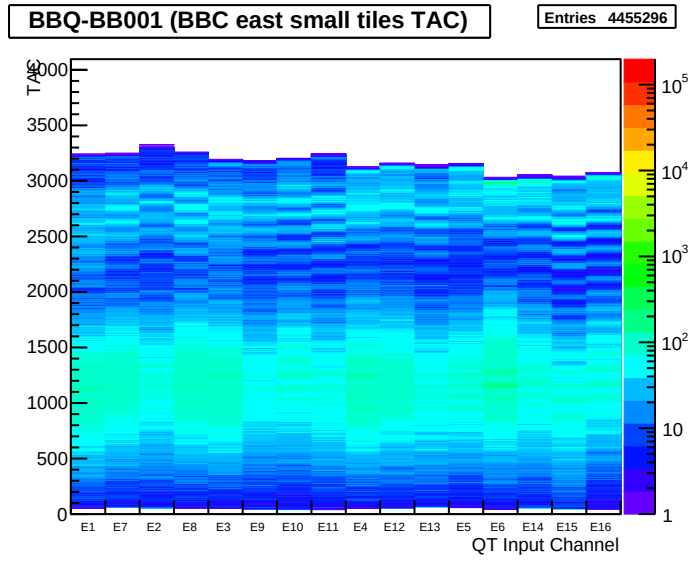

L2-TF201
Entries 278456
TOF total mult

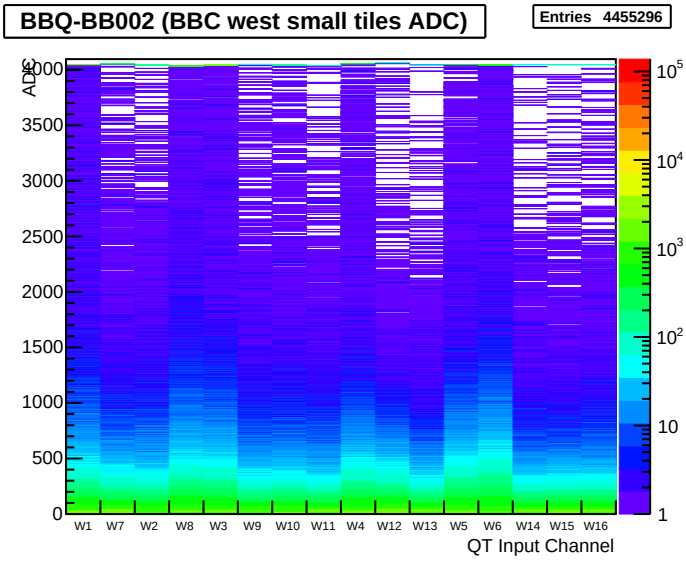

L2-TF201
Entries 0
TOF total mult(Real-Simu)

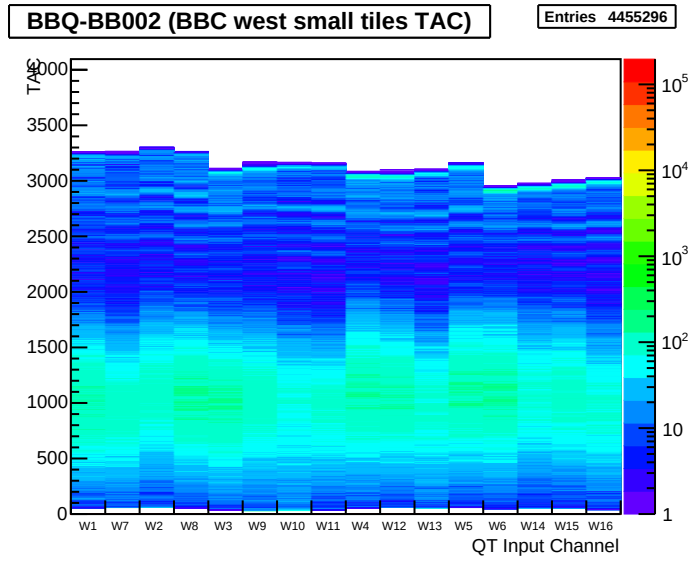

L2-TF201
Entries 1949192
Threshold/UPC bits
244432
246543
244559
246230
245457
242288
266029
34024
31913
33897
32226
32999
36168
12427
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

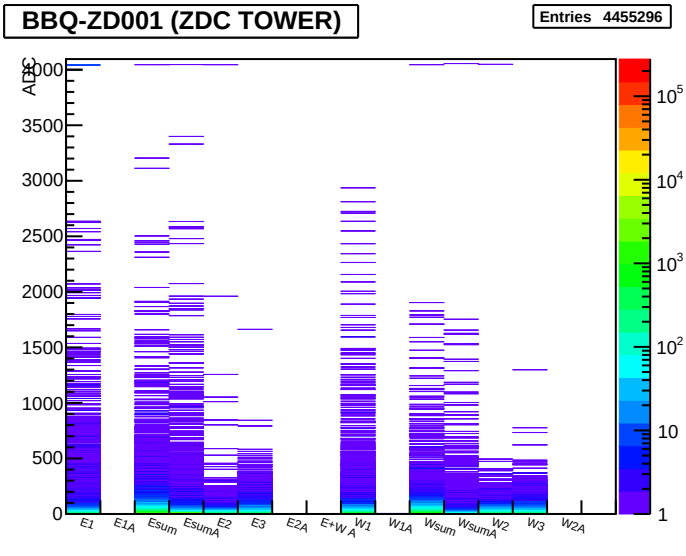

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

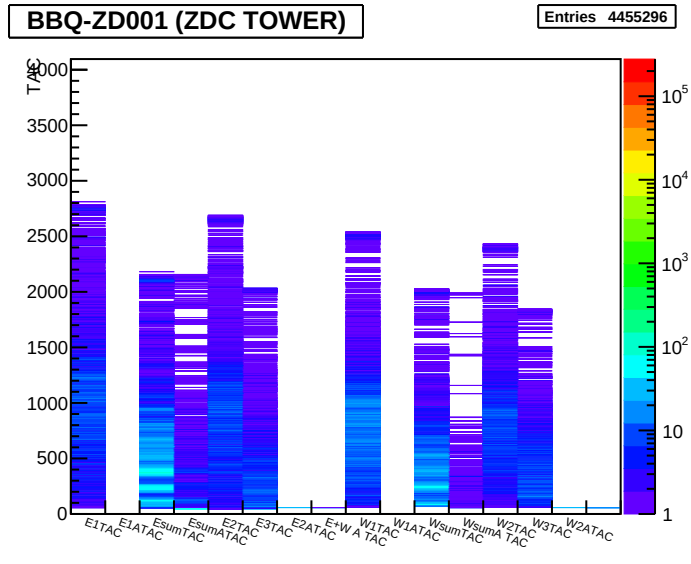

BBQ-BB001 (BBC east small tiles ADC)
Entries 4455296
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

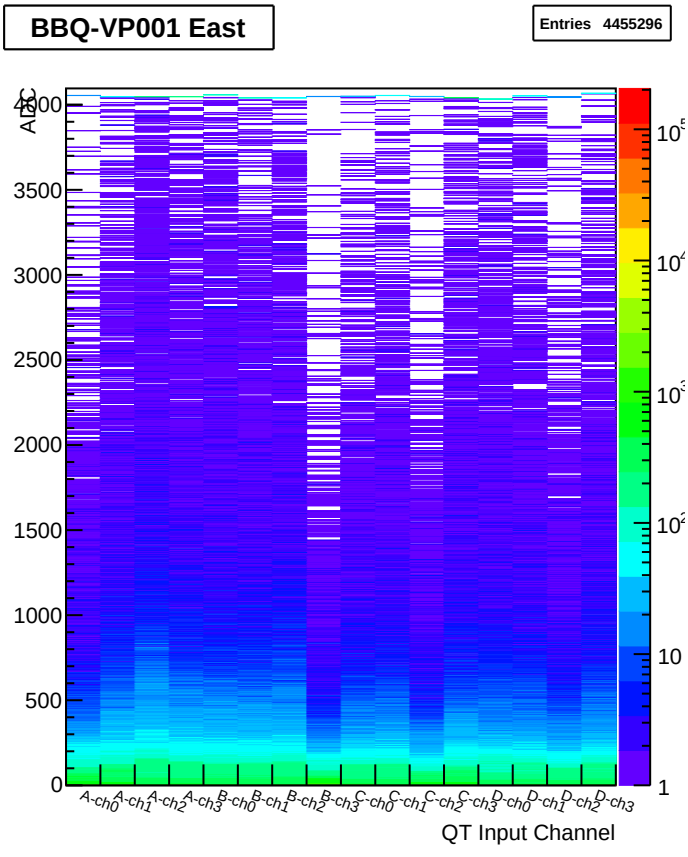

BBQ-BB001 (BBC east small tiles TAC)
Entries 4455296
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

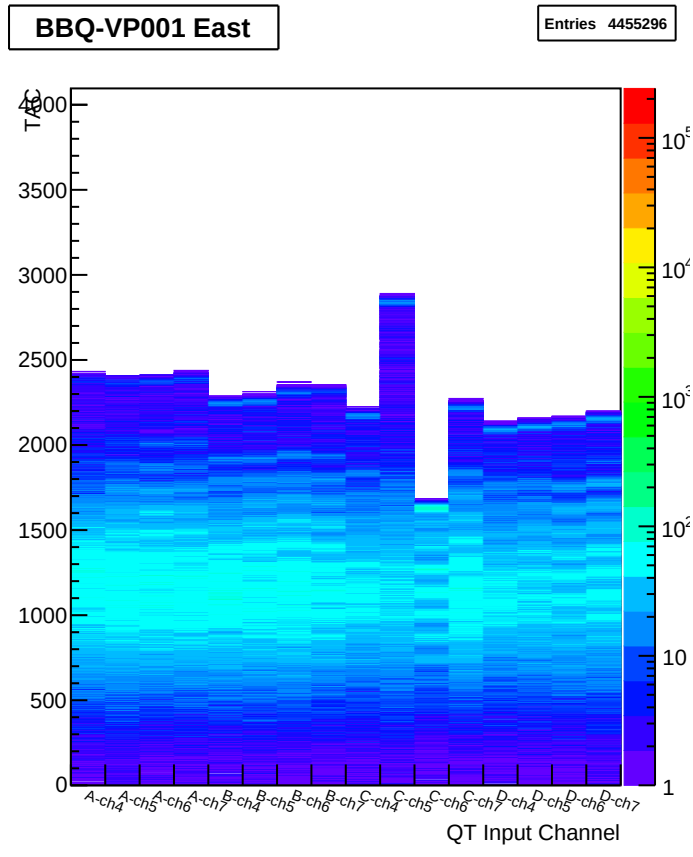

BBQ-BB002 (BBC west small tiles ADC)
Entries 4455296
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

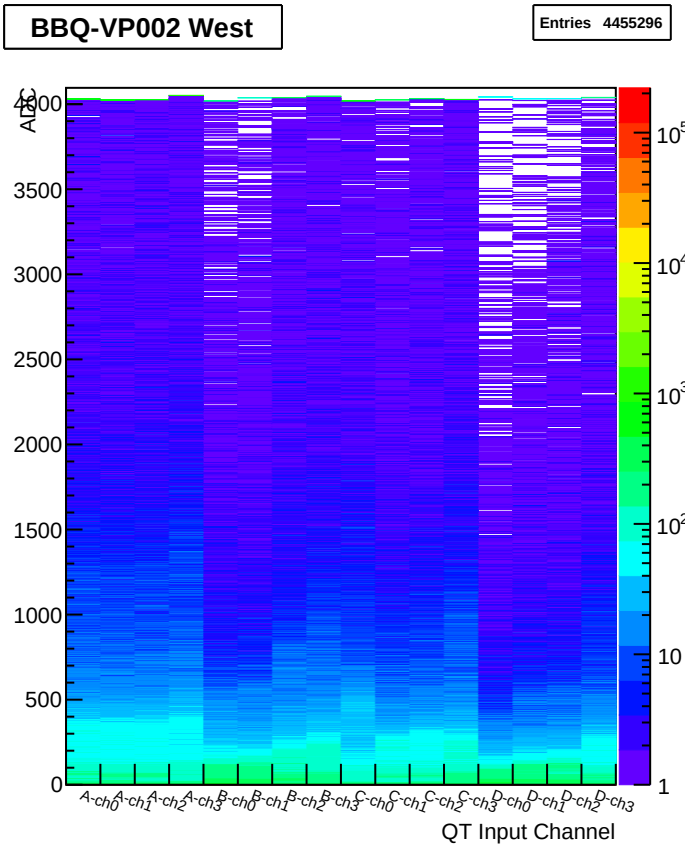

BBQ-BB002 (BBC west small tiles TAC)
Entries 4455296
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

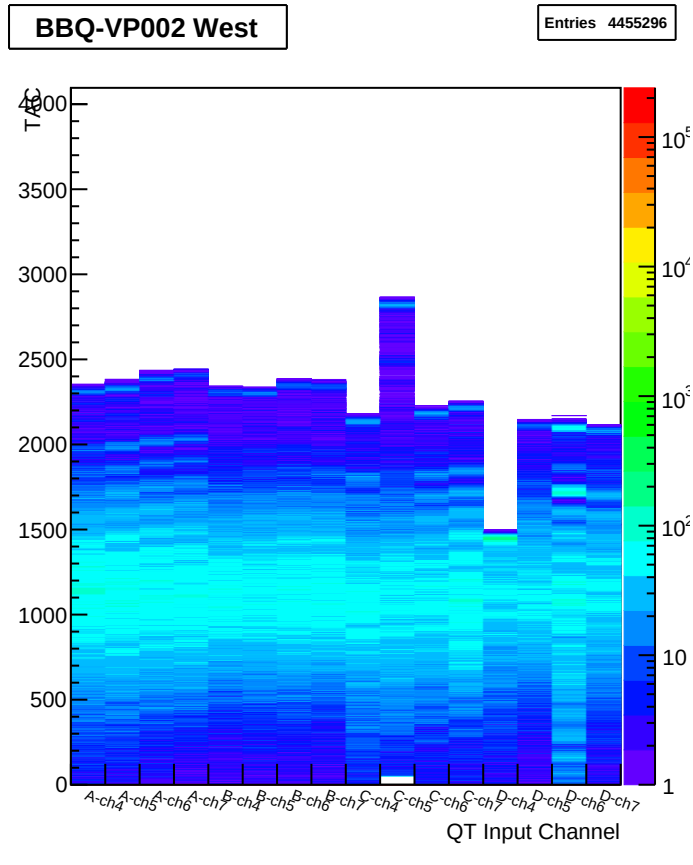

BBQ-ZD001 (ZDC TOWER)
Entries 4455296
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

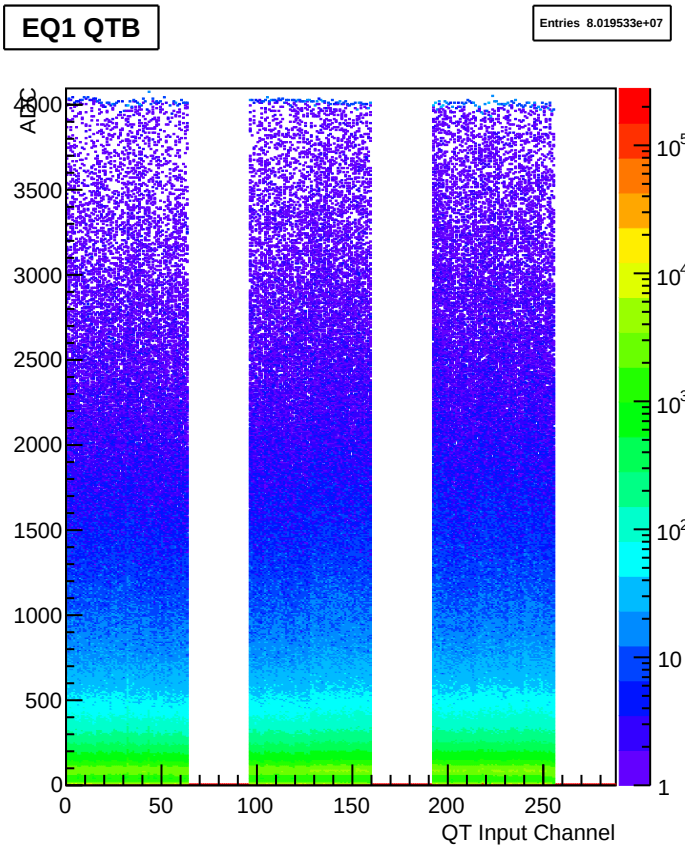

BBQ-ZD001 (ZDC TOWER)
Entries 4455296
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

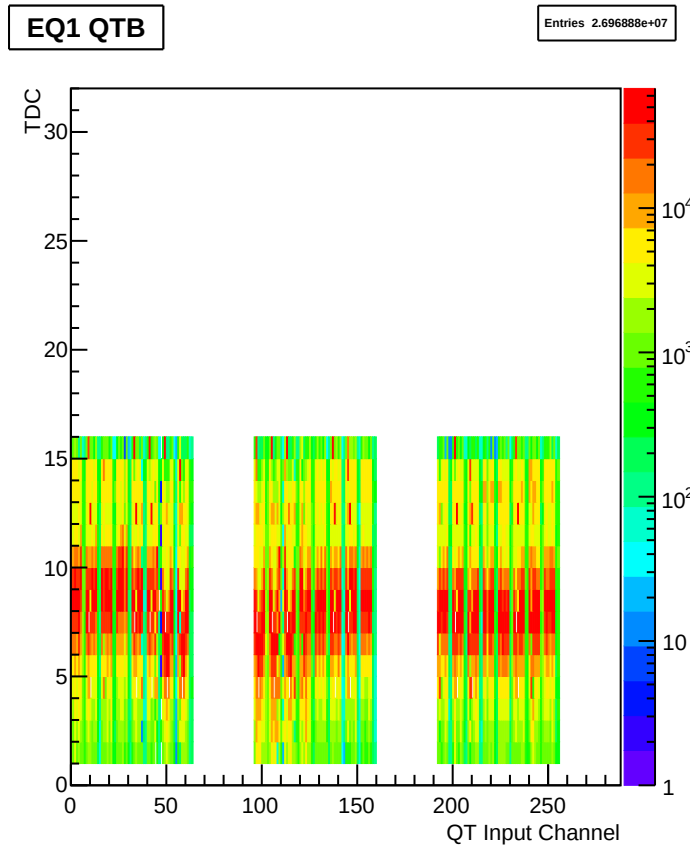

BBQ-VP001 East
Entries 4455296
ADC
QT Input Channel

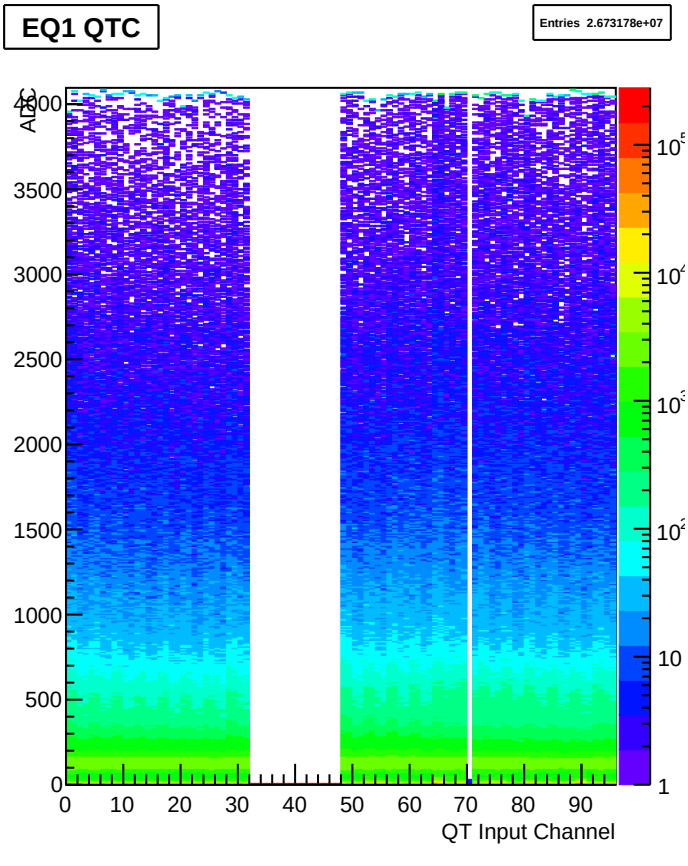

BBQ-VP001 East
Entries 4455296
TADC
QT Input Channel

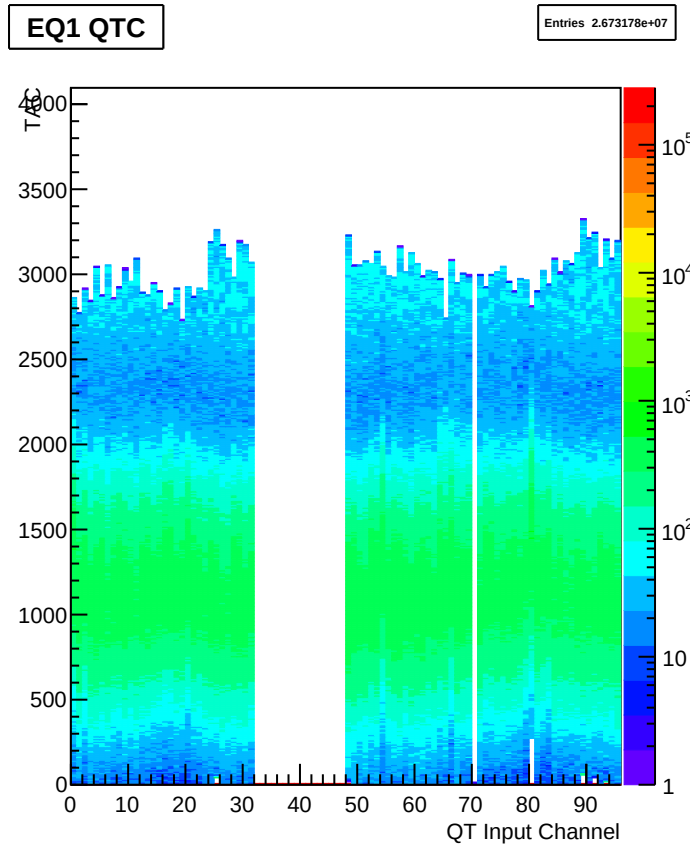

BBQ-VP002 West
Entries 4455296
ADC
QT Input Channel

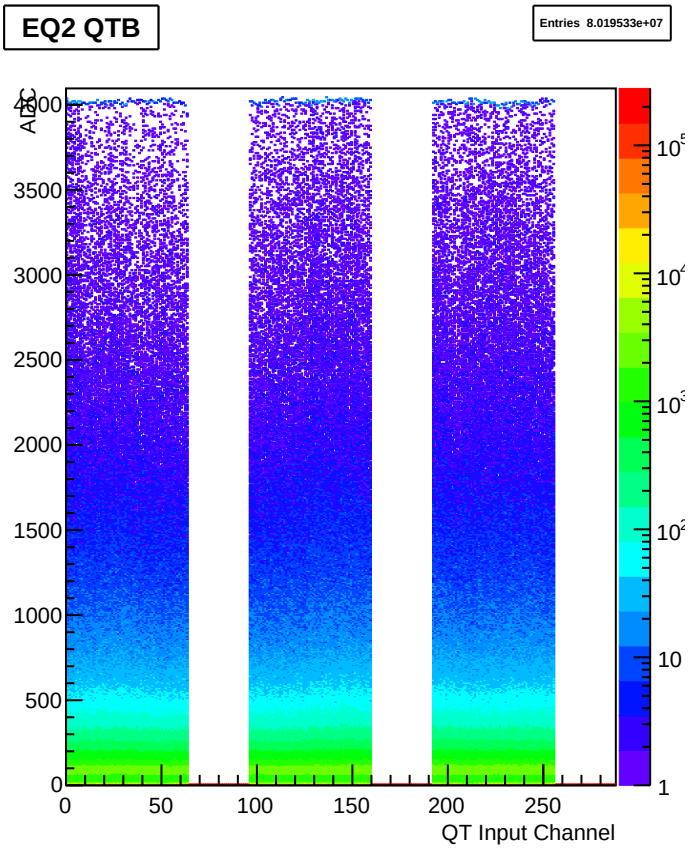

BBQ-VP002 West
Entries 4455296
TADC
QT Input Channel

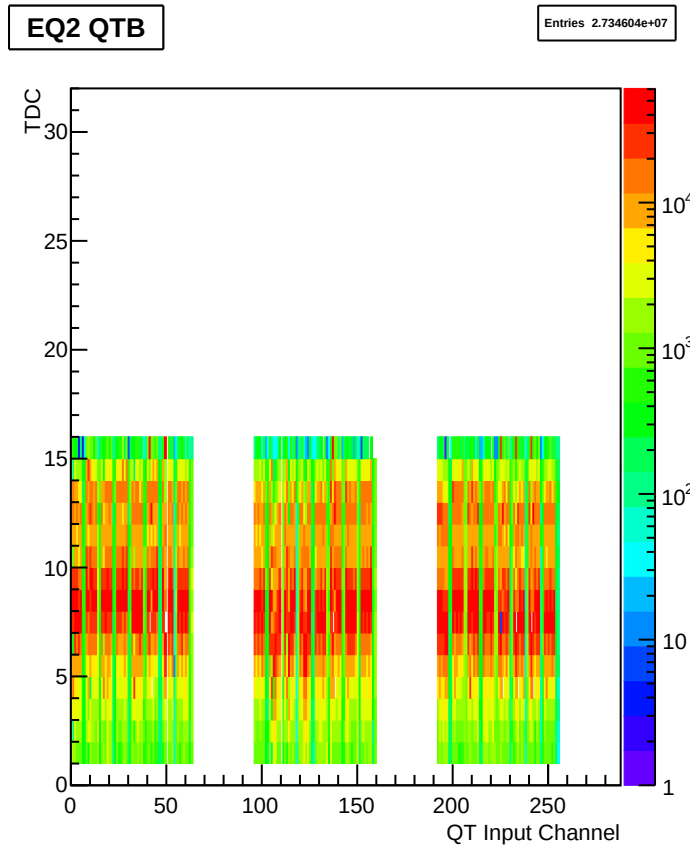

EQ1 QTB
Entries 8.019533e+07
ADC
QT Input Channel

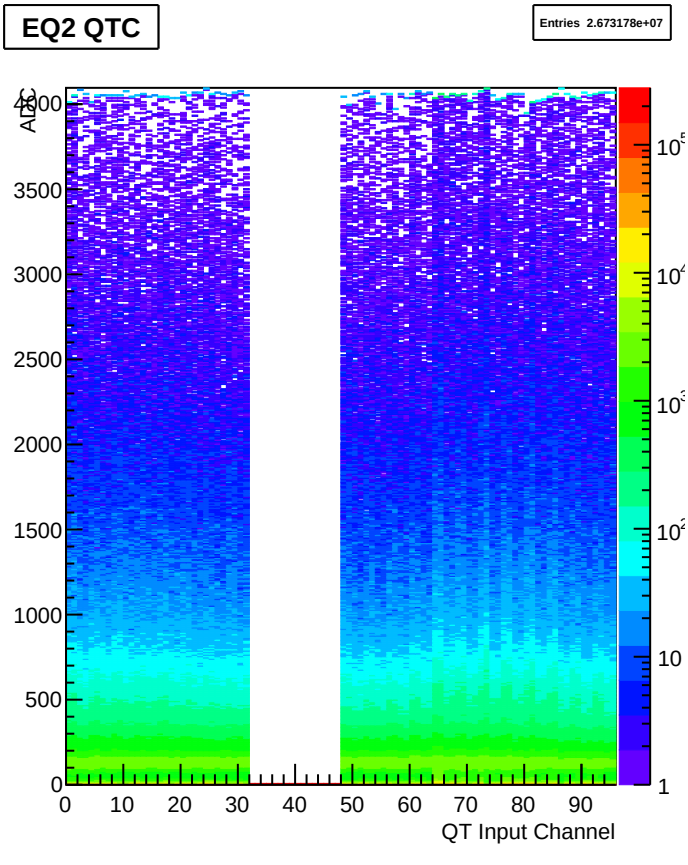

EQ1 QTB
Entries 2.696888e+07
TDC
QT Input Channel

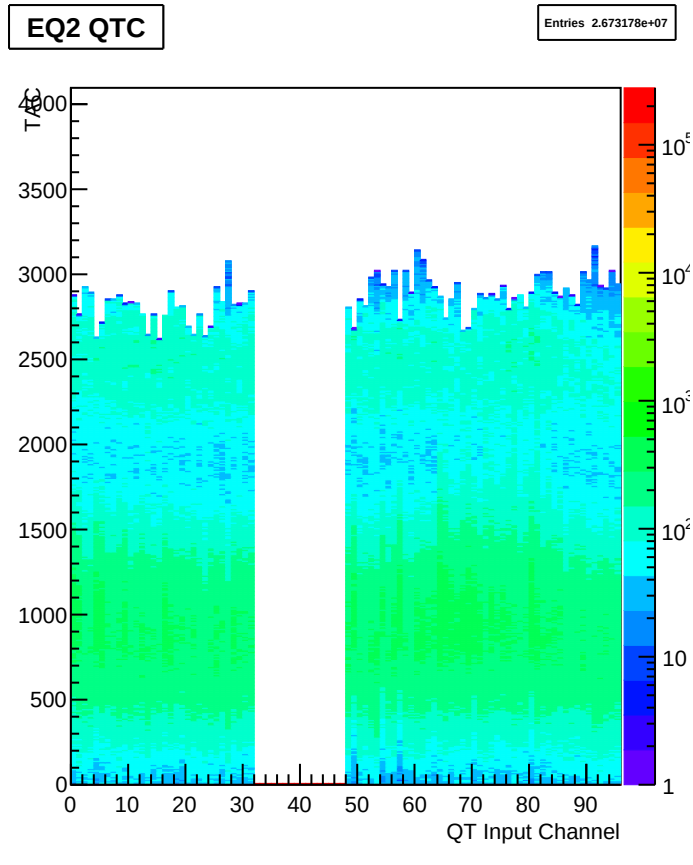

EQ1 QTC
Entries 2.673178e+07
ADC
QT Input Channel

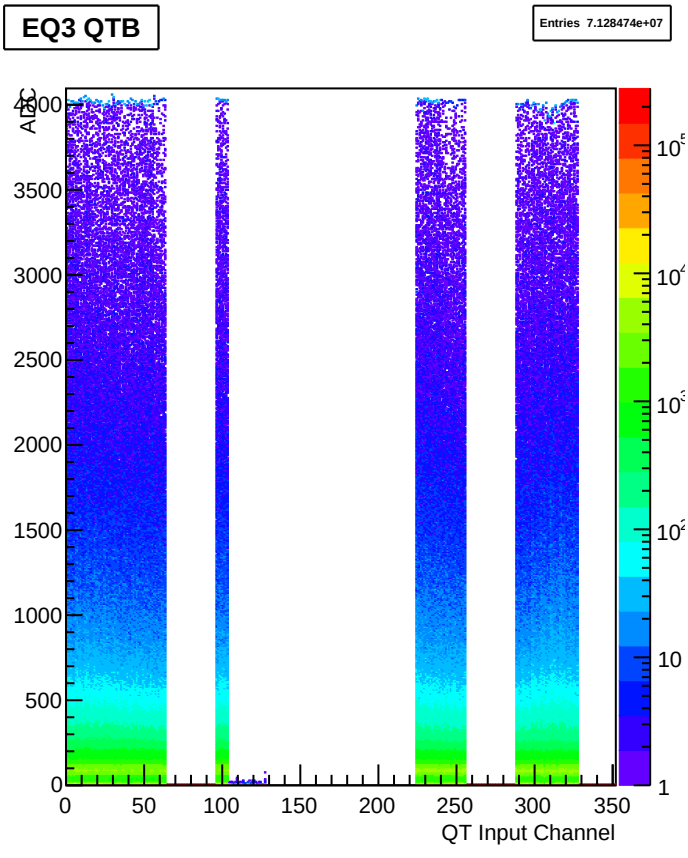

EQ1 QTC
Entries 2.673178e+07
TADC
QT Input Channel

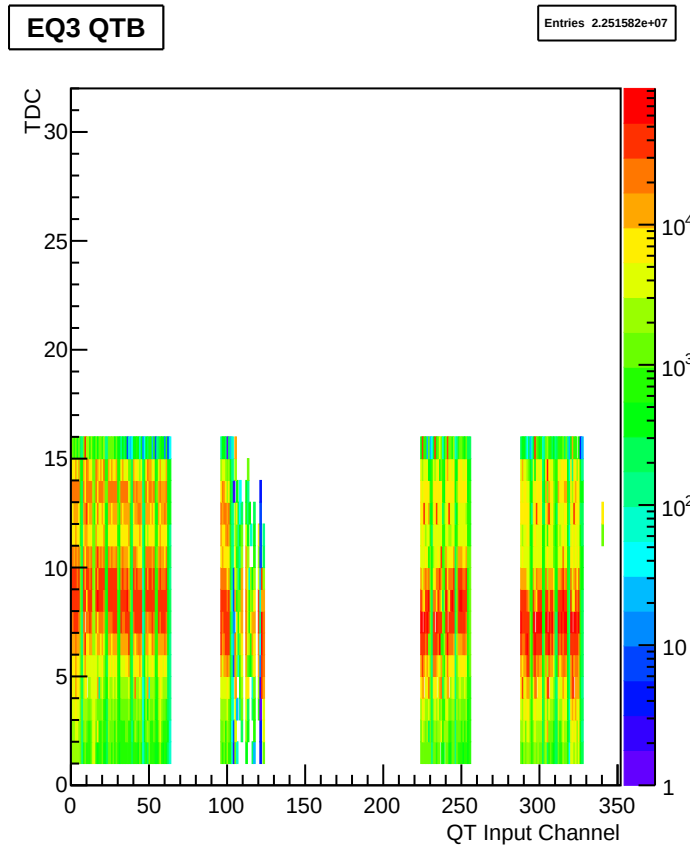

EQ2 QTB
Entries 8.019533e+07
ADC
QT Input Channel

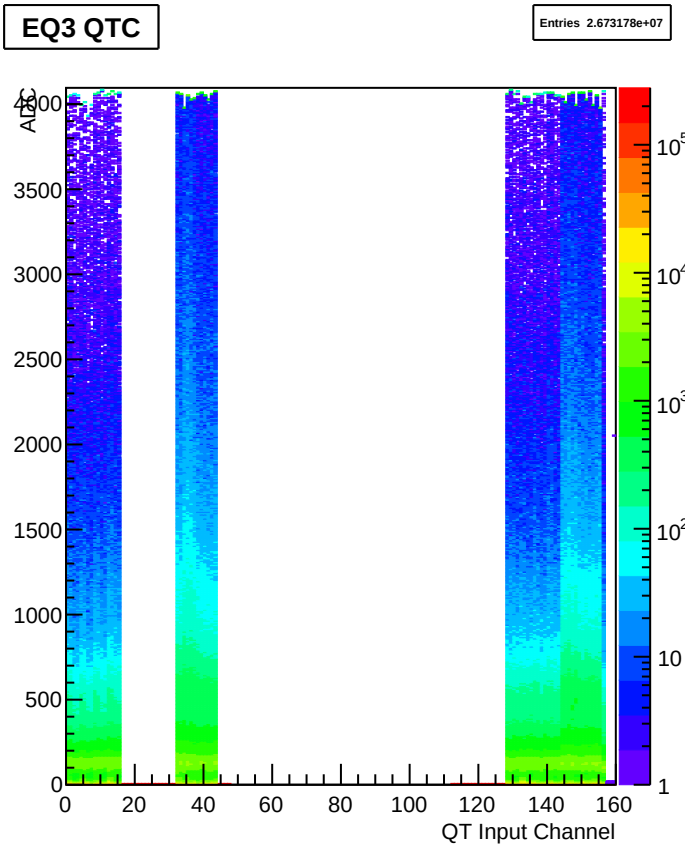

EQ2 QTB
Entries 2.734604e+07
TDC
QT Input Channel

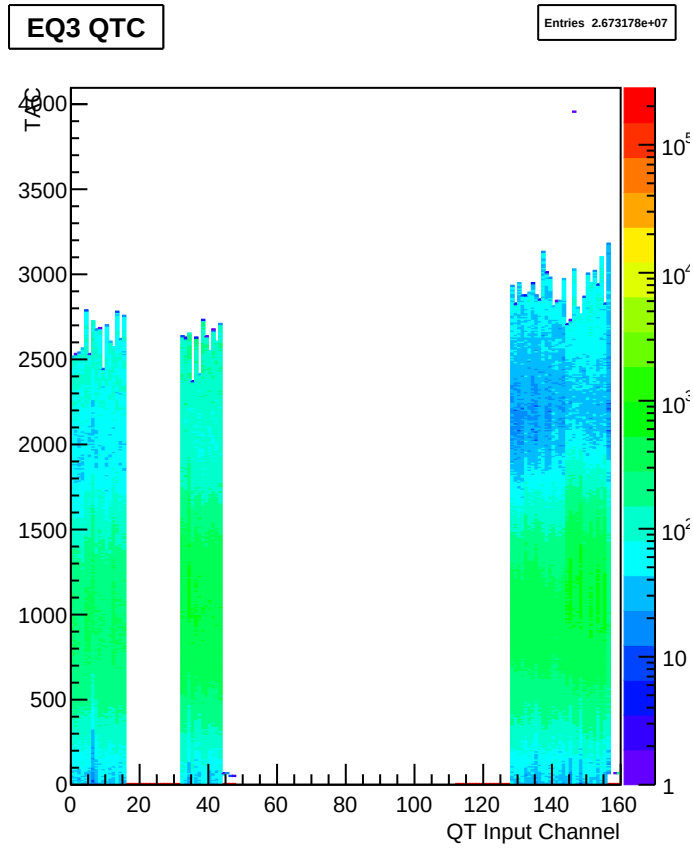

EQ2 QTC
Entries 2.673178e+07
ADC
QT Input Channel

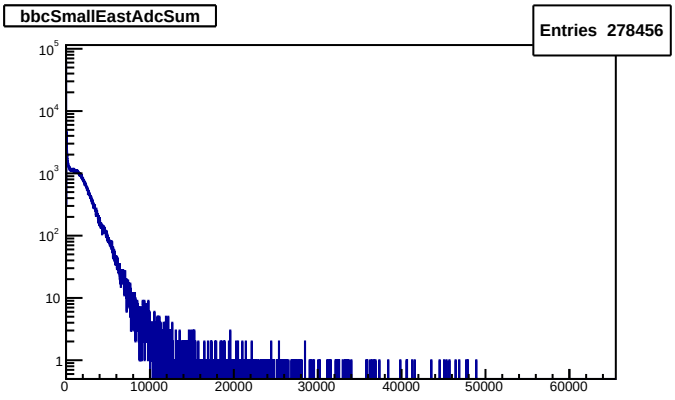

EQ2 QTC
Entries 2.673178e+07
TADC
QT Input Channel

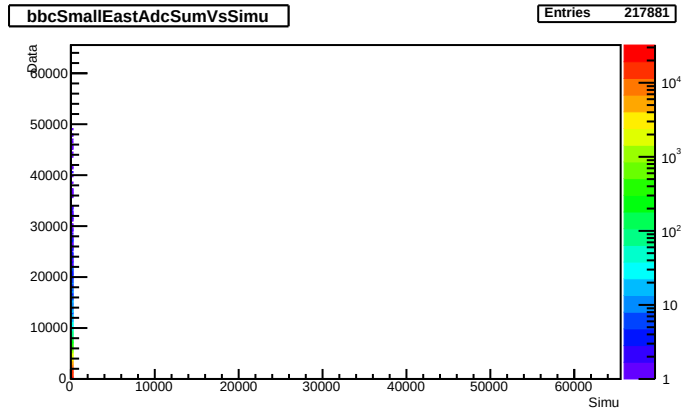

EQ3 QTB
Entries 7.128474e+07
ADC
QT Input Channel

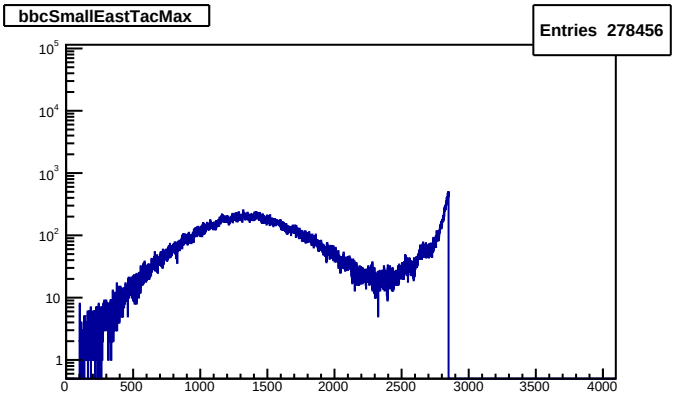

EQ3 QTB
Entries 2.251582e+07
TDC
QT Input Channel

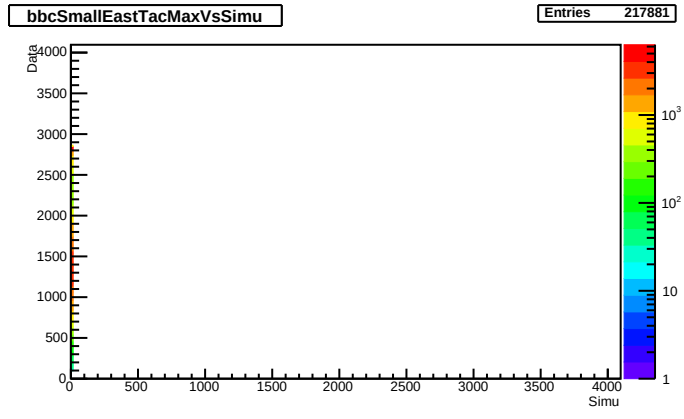

EQ3 QTC
Entries 2.673178e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.673178e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 278456


bbcSmallEastAdcSumVsSimu
Entries 217881
Data
Simu


bbcSmallEastTacMax
Entries 278456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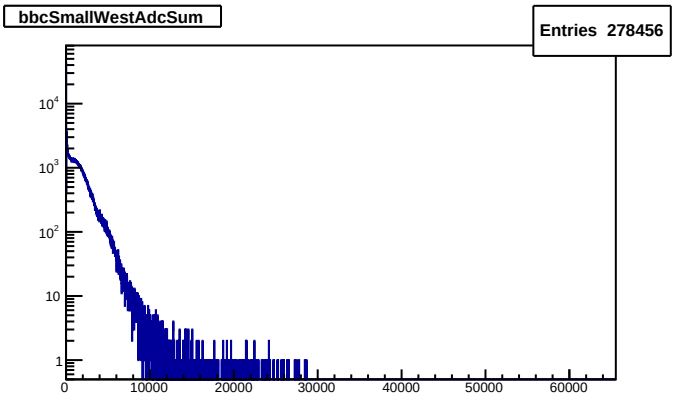
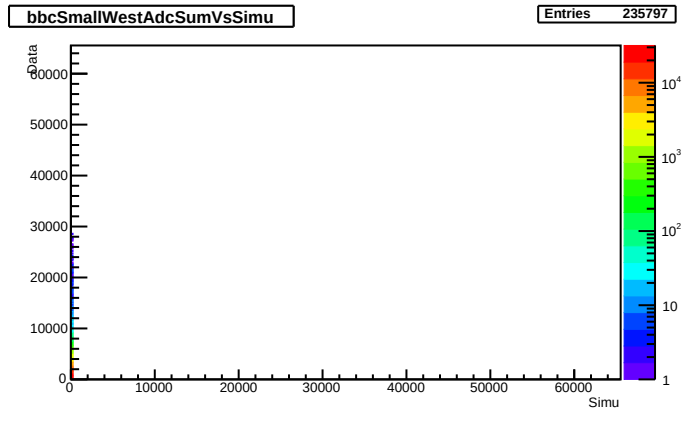
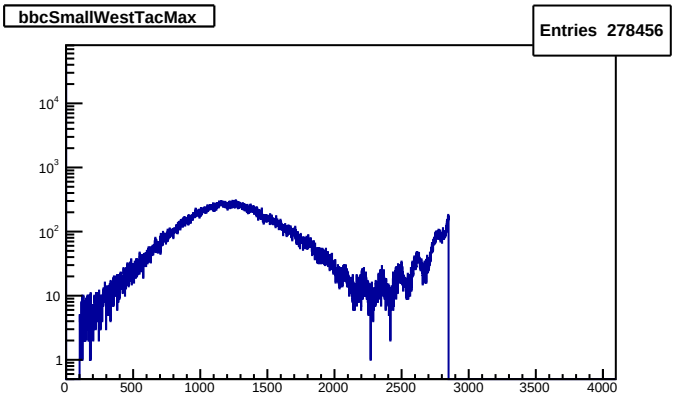
Entries 217881
Data
Simu


bbcSmallWestAdcSum
Entries 278456


bbcSmallWestAdcSumVsSimu
Entries 235797
Data
Simu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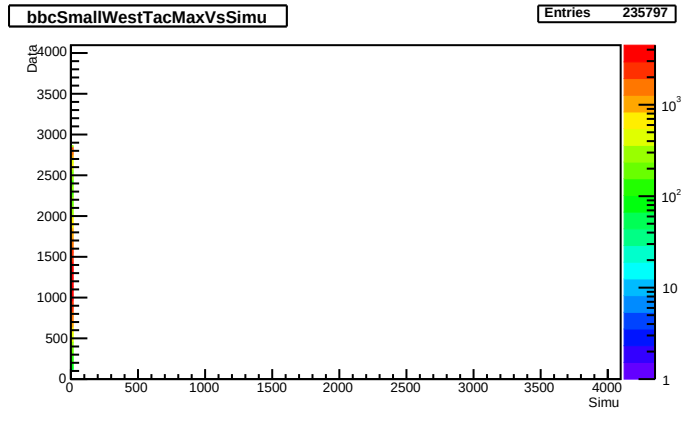
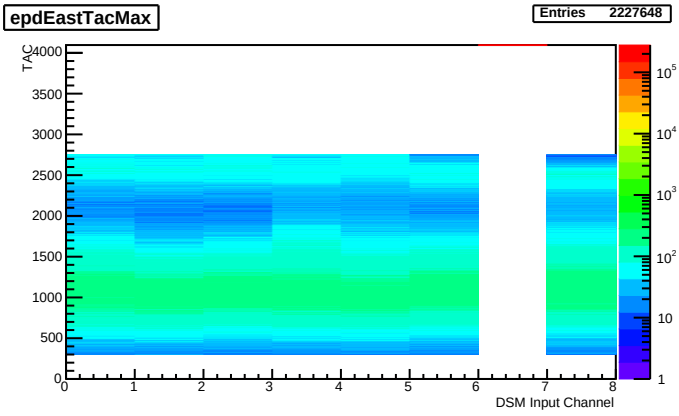
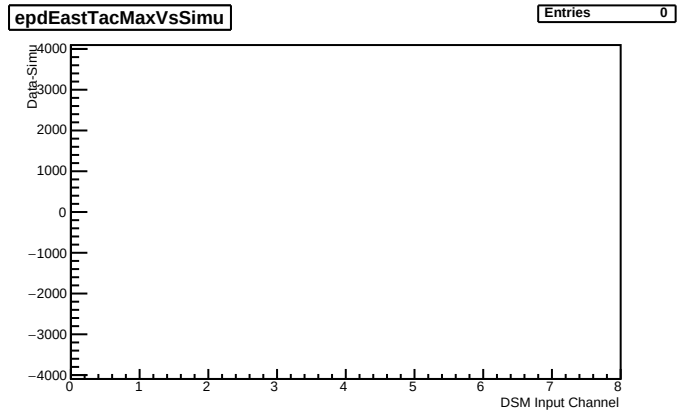
Entries 278456


bbcSmallWestTacMaxVsSimu
Entries 235797
Data
Simu


epdEastTacMax
Entries 2227648
TAC
DSM Input Channel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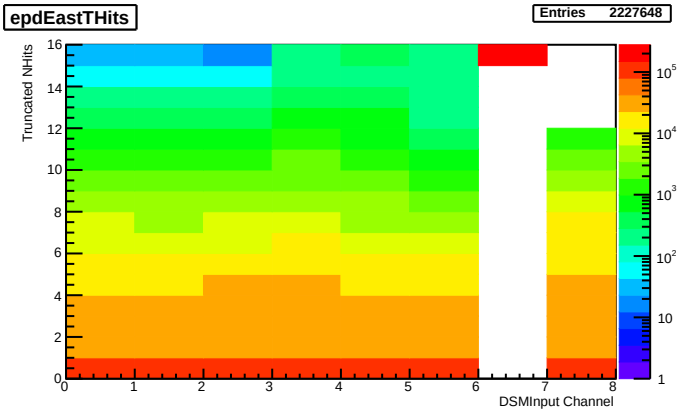
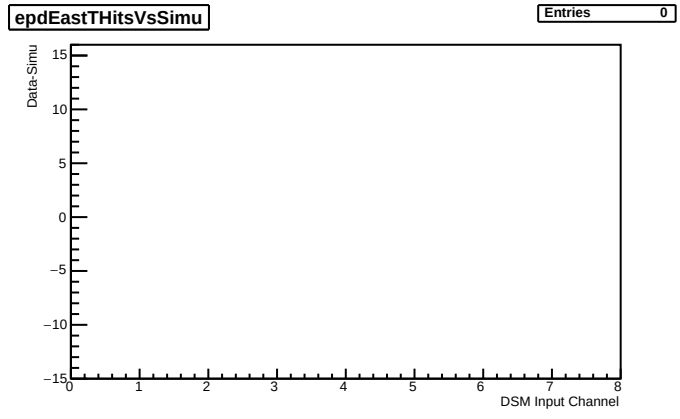
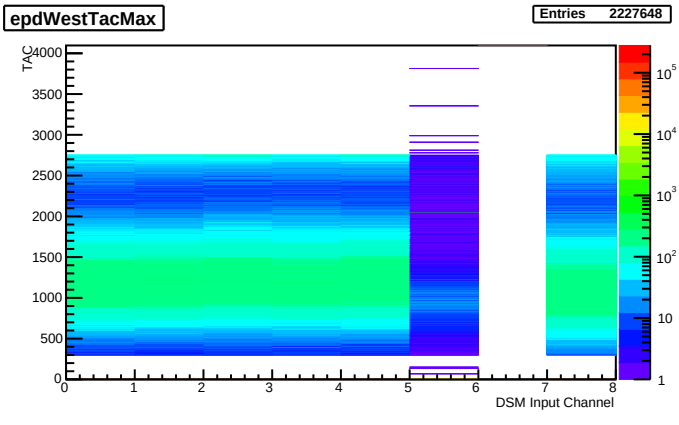
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2227648
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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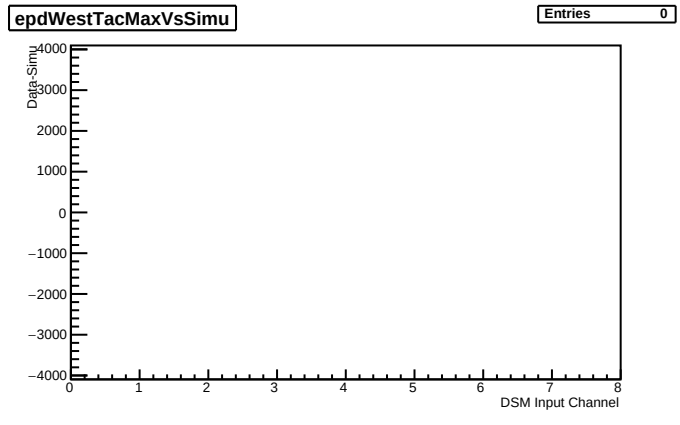
Entries 2227648
TAC
DSM Input Channel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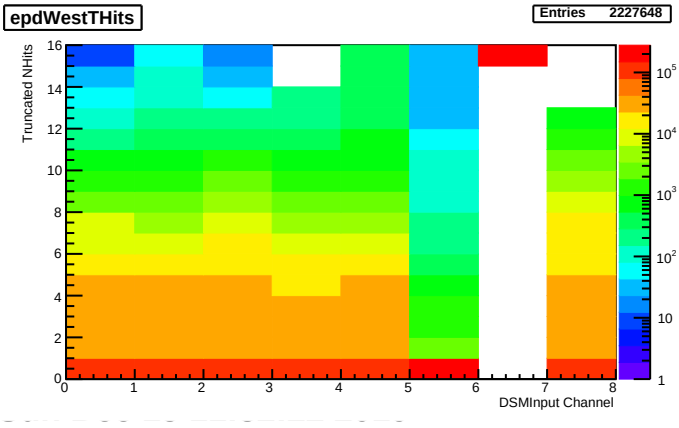
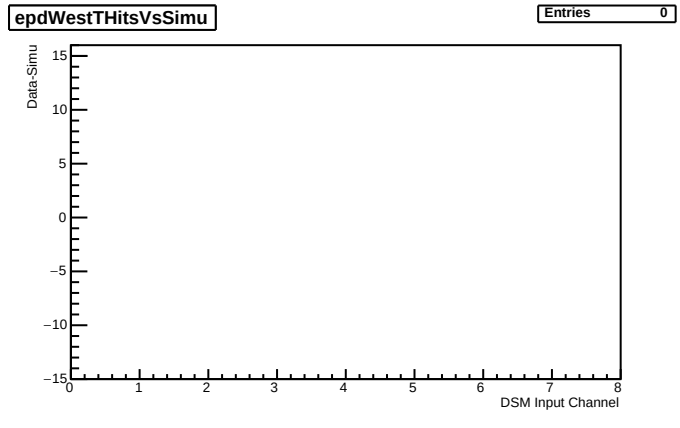
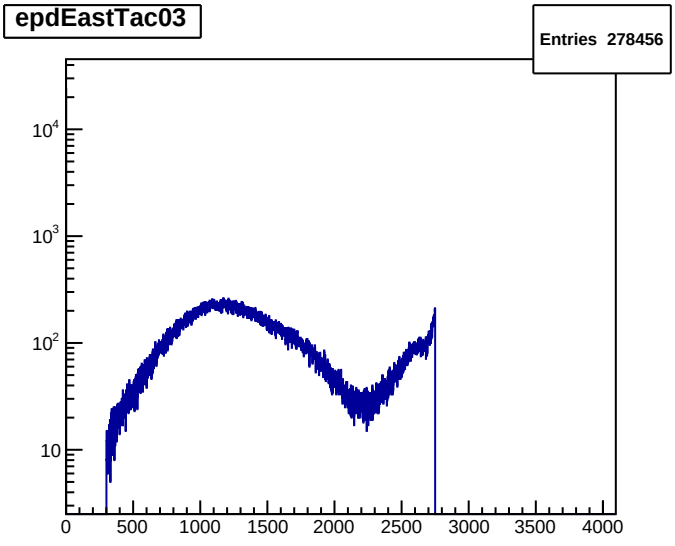
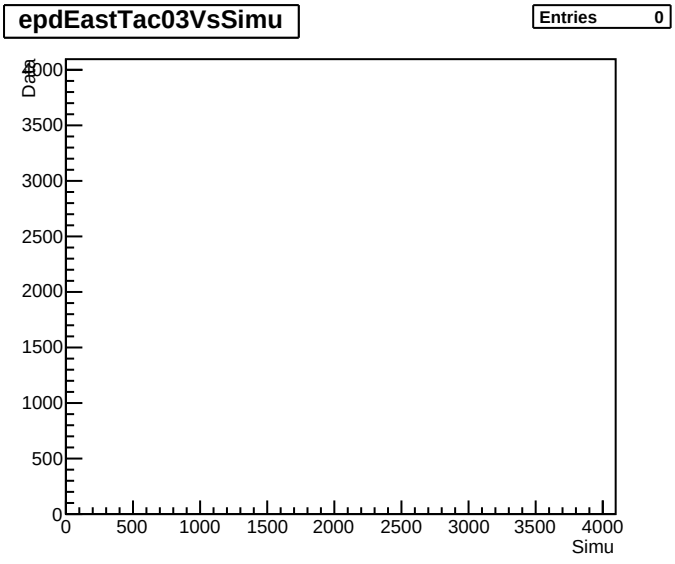
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2227648
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 278456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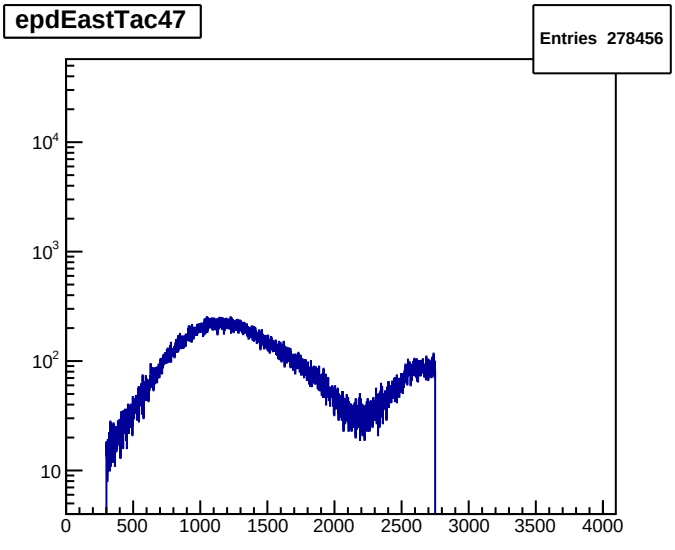
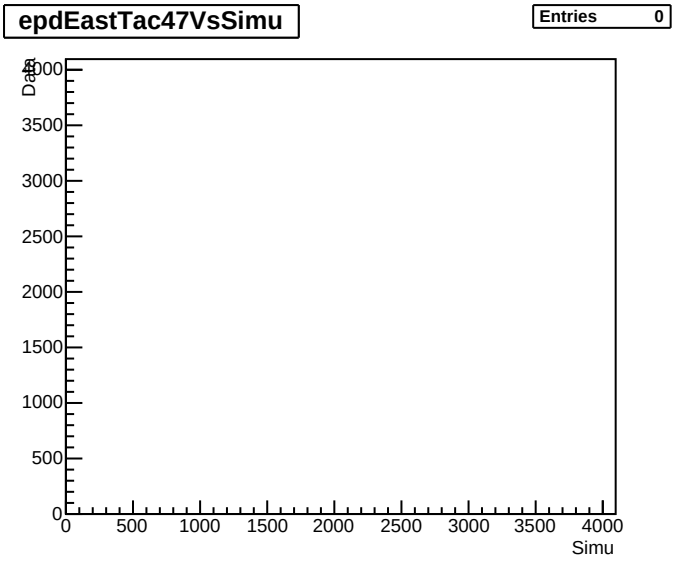
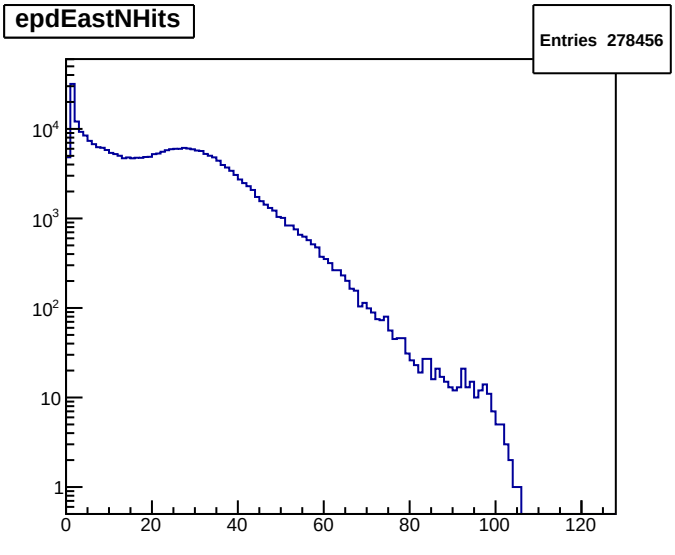
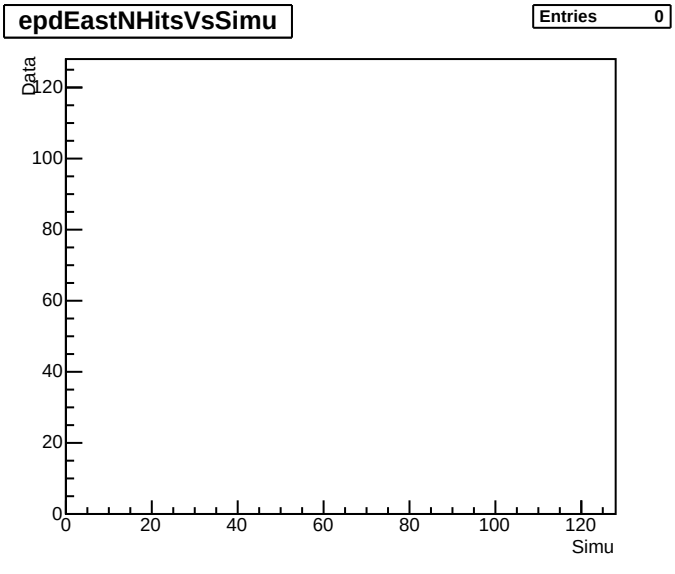
Entries 0
Data
Simu


epdEastTac47
Entries 278456


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 278456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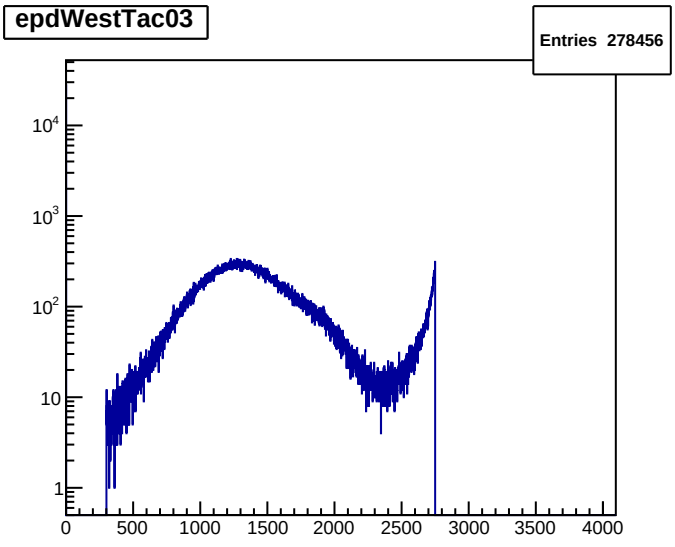
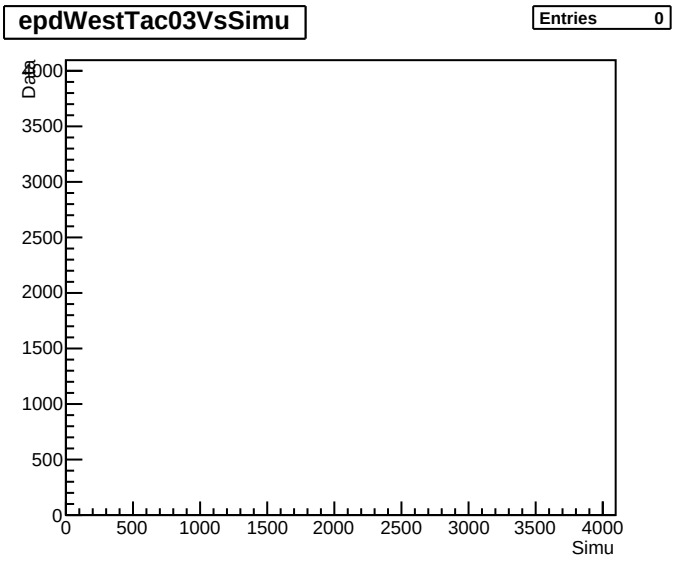
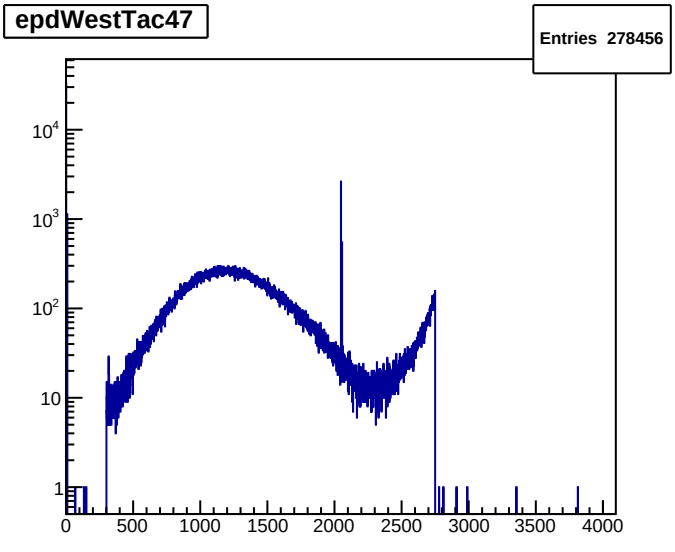
Entries 0
Data
Simu


epdWestTac03
Entries 278456


epdWestTac03VsSimu
Entries 0
Data
Simu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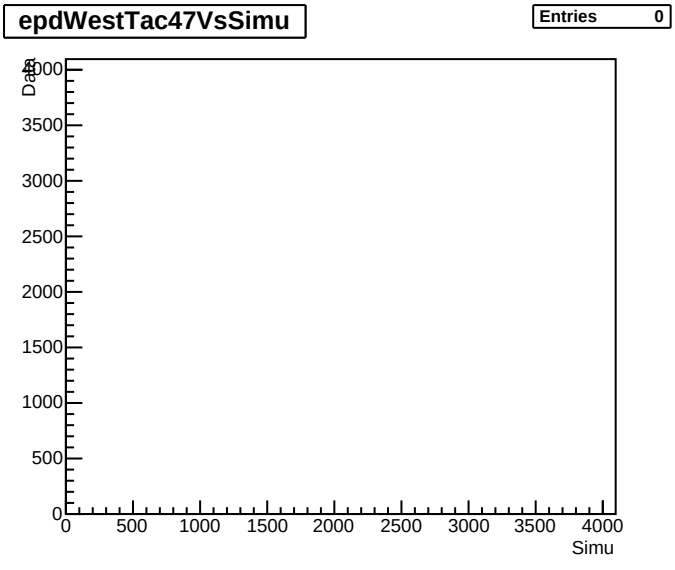
Entries 278456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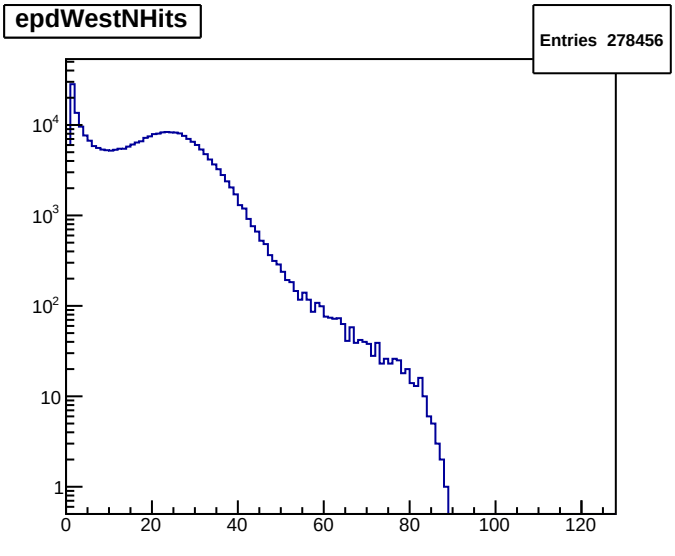
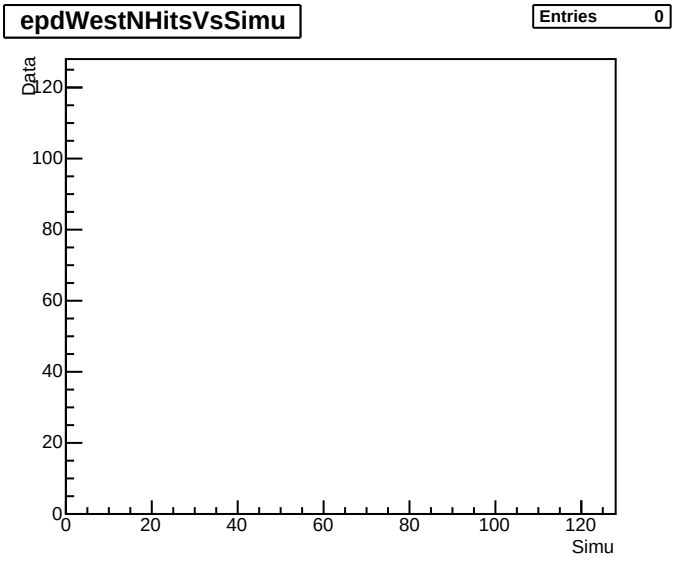
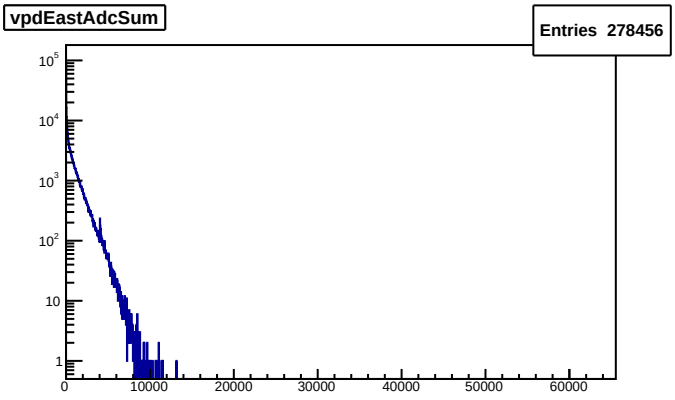
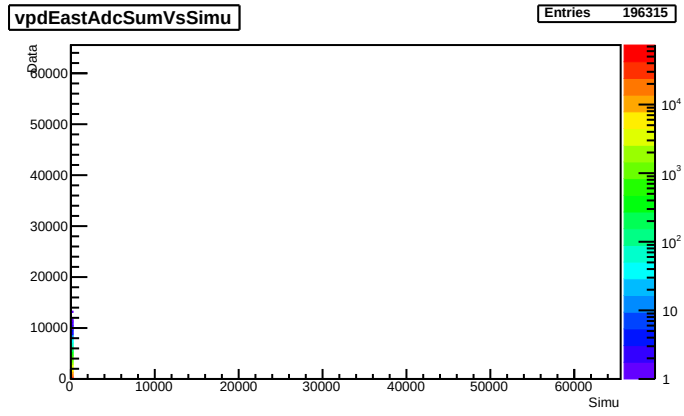
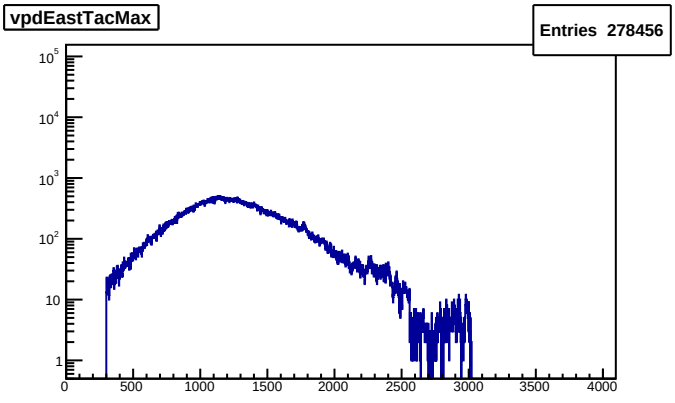
Entries 0
Data
Simu

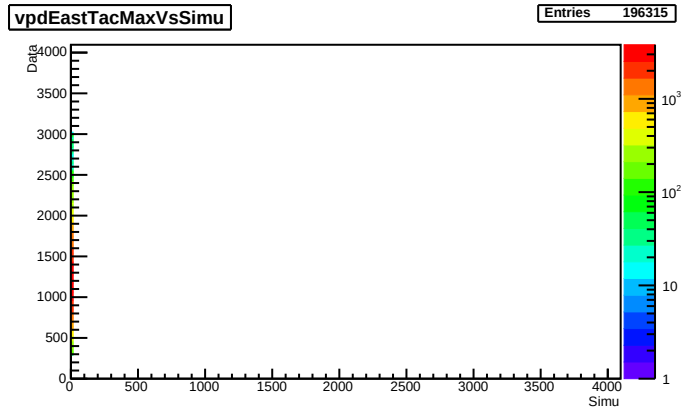

epdWestNHits
Entries 278456

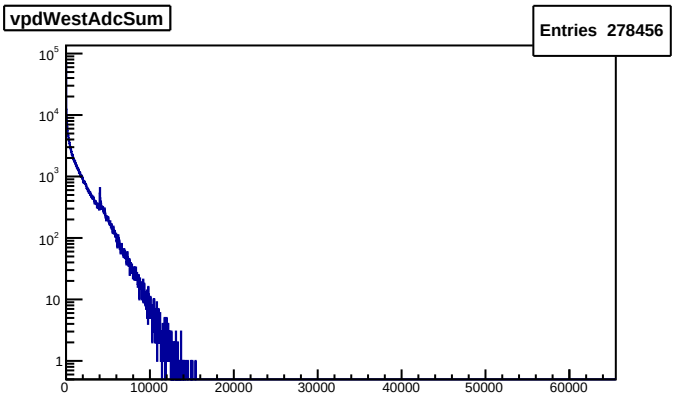

epdWestNHitsVsSimu
Entries 0
Data
Simu

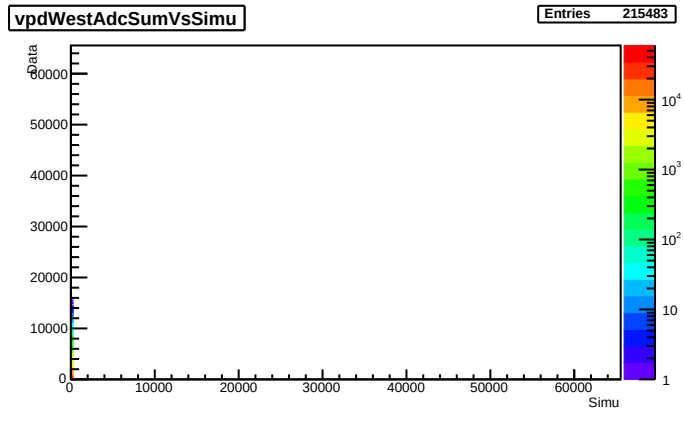

vpdEastAdcSum
Entries 278456

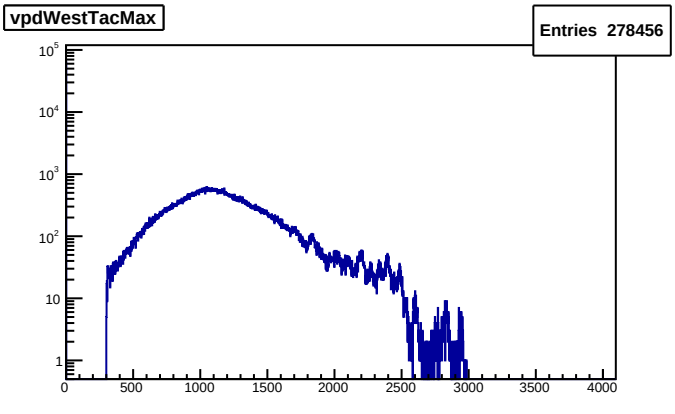

vpdEastAdcSumVsSimu
Entries 196315
Data
Simu

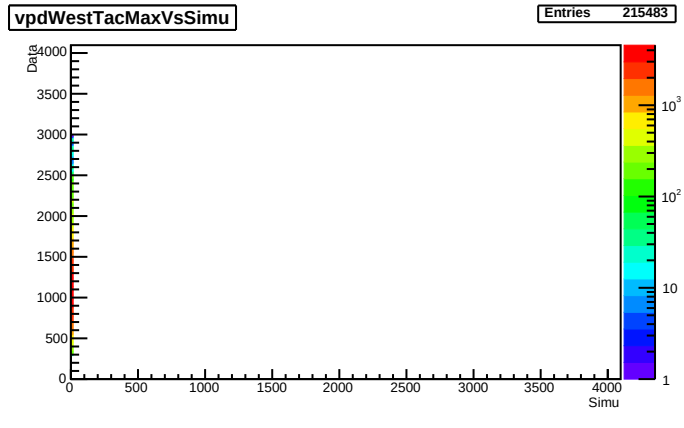

vpdEastTacMax
Entries 278456

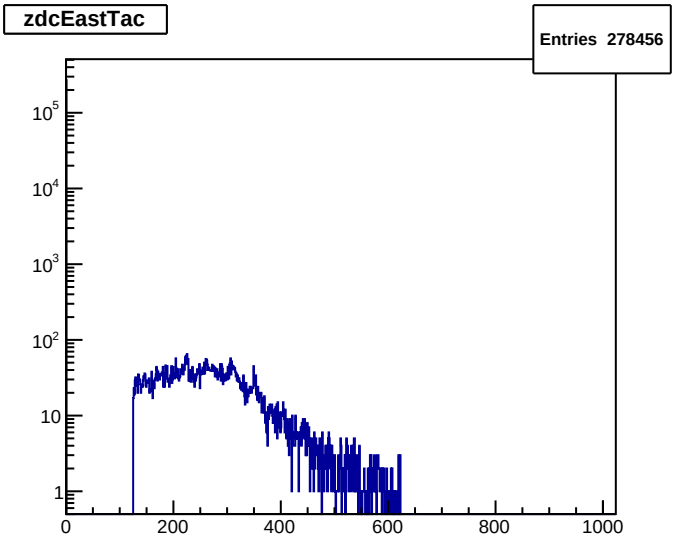

vpdEastTacMaxVsSimu
Entries 196315
Data
Simu

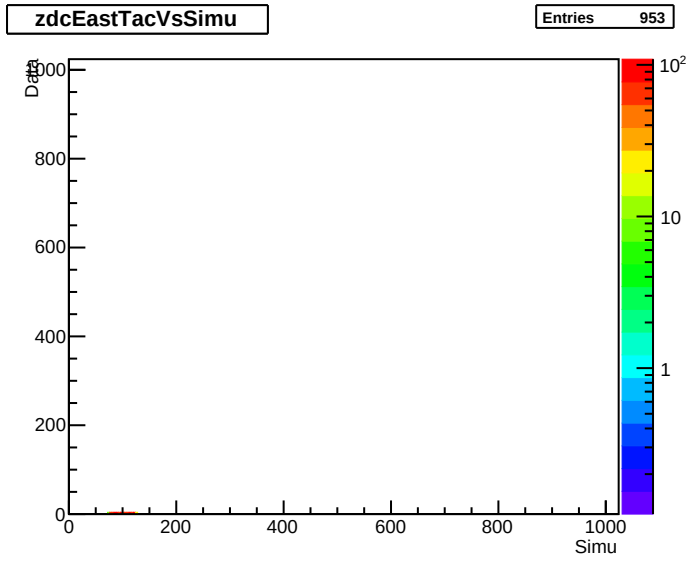

vpdWestAdcSum
Entries 278456

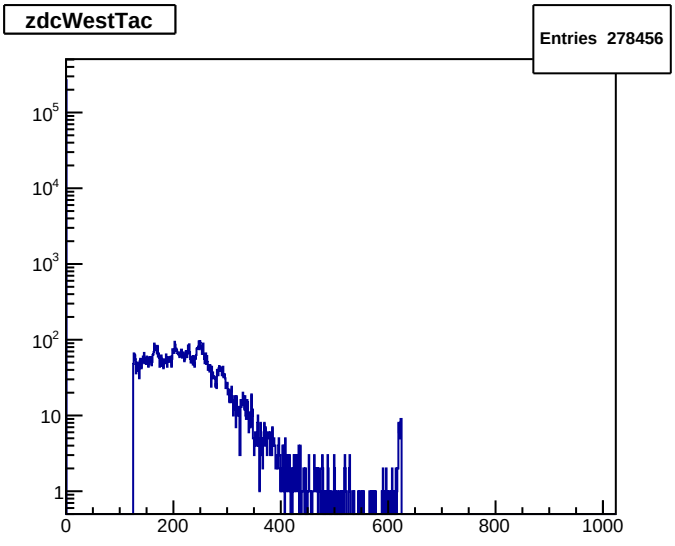

vpdWestAdcSumVsSimu
Entries 215483
Data
Simu

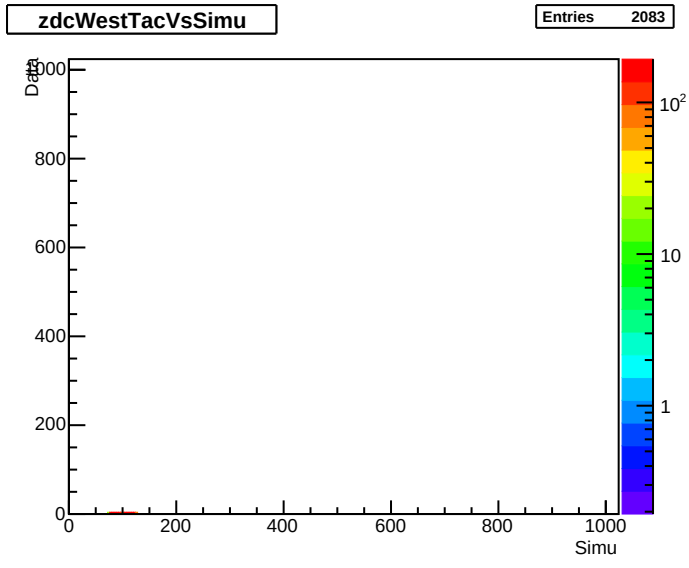

vpdWestTacMax
Entries 278456

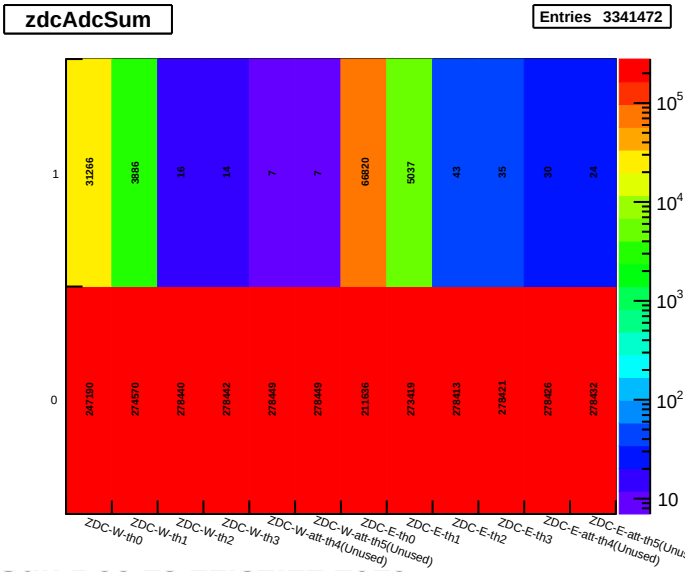

vpdWestTacMaxVsSimu
Entries 215483
Data
Simu

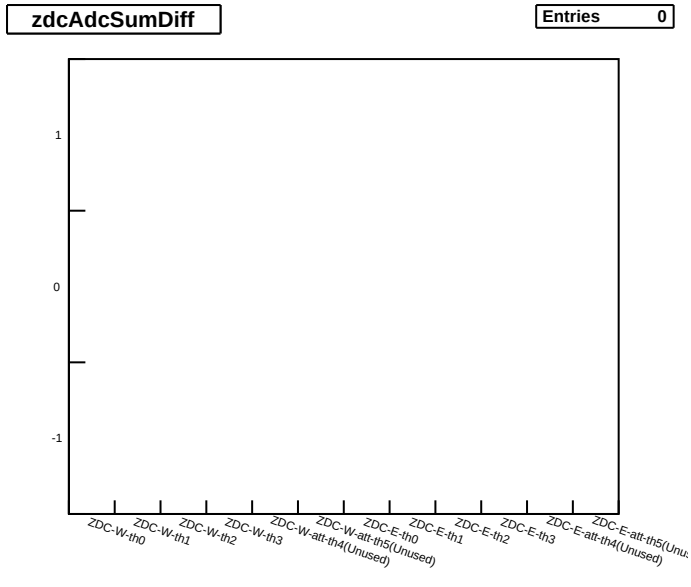

zdcEastTac
Entries 278456

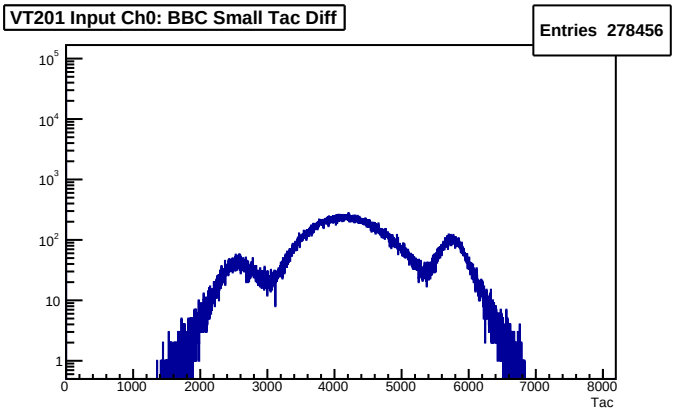

zdcEastTacVsSimu
Entries 953
Data
Simu

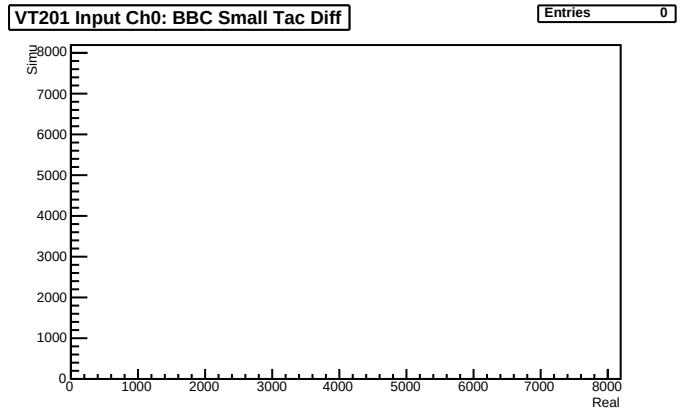

zdcWestTac
Entries 278456

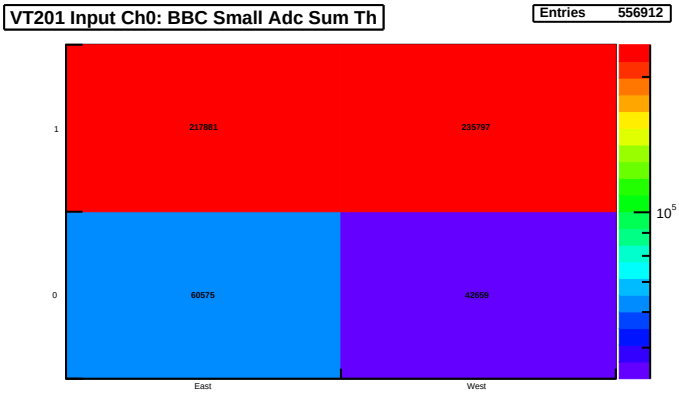

zdcWestTacVsSimu
Entries 2083
Data
Simu

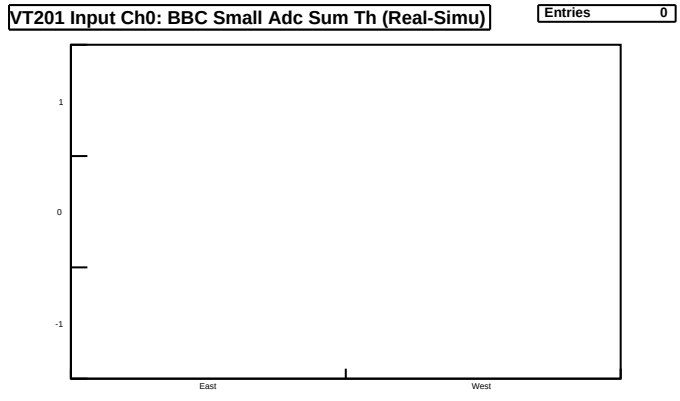

zdcAdcSum
Entries 3341472
31266
3886
16
14
7
7
66820
5037
43
35
30
24
247190
274570
278440
278442
278449
278449
211636
273419
278413
278421
278426
278432
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

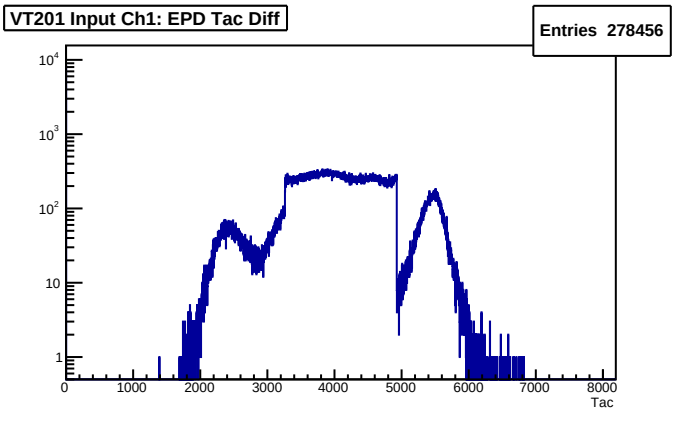

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

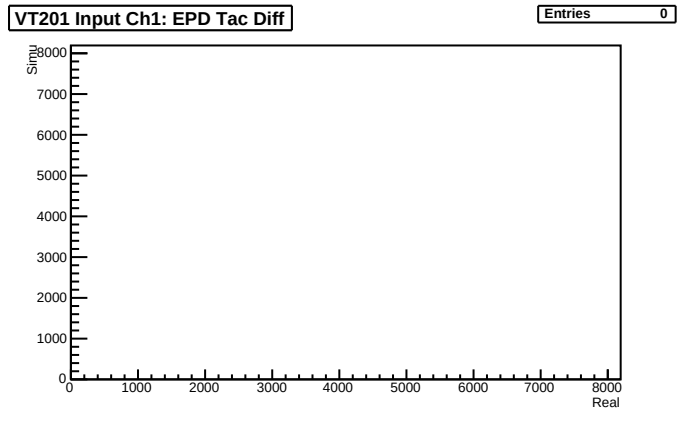

VT201 Input Ch0: BBC Small Tac Diff
Entries 278456
Tac

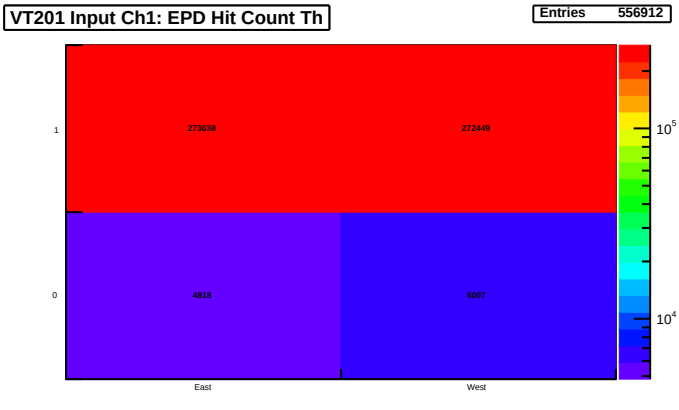

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

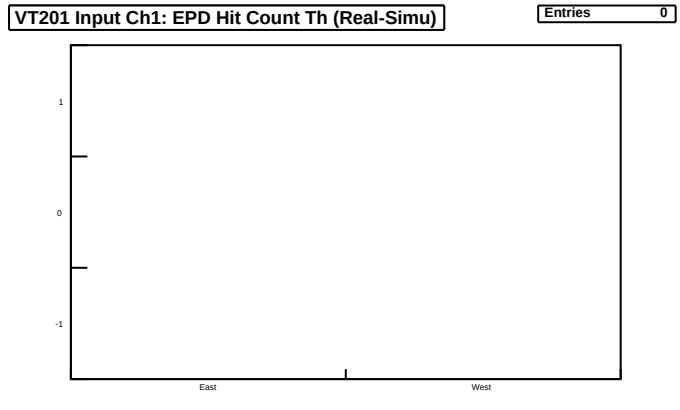

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 556912
217881
235797
60575
42659
East
West

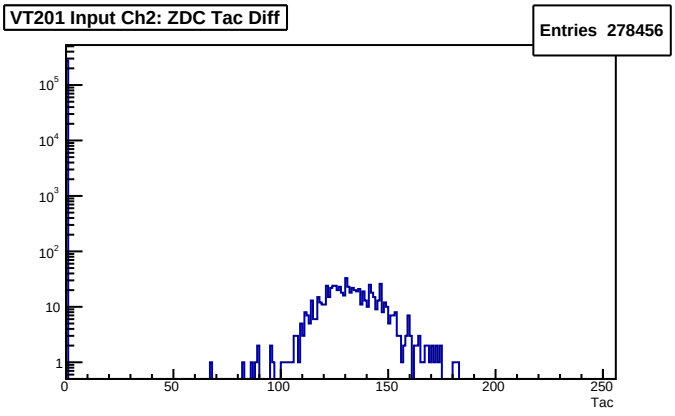

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

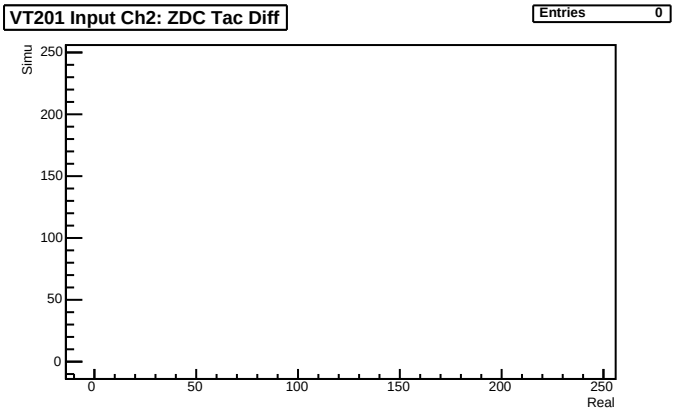

VT201 Input Ch1: EPD Tac Diff
Entries 278456
Tac

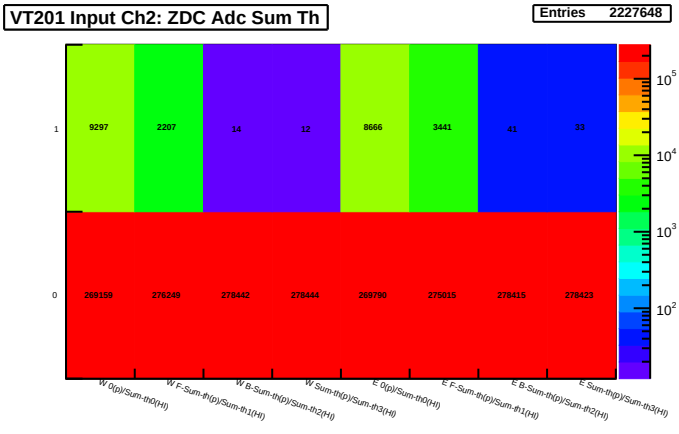

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

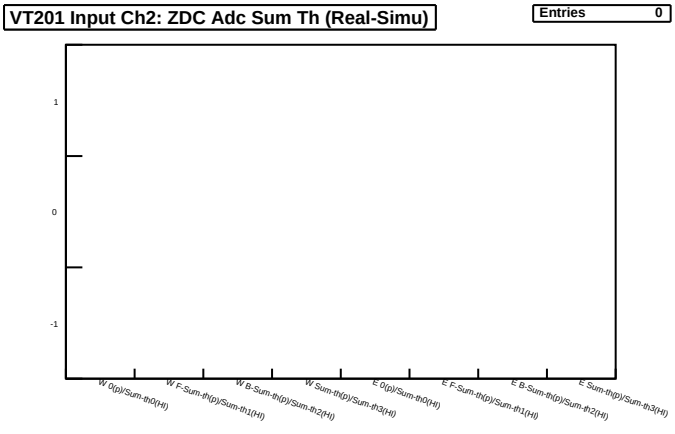

VT201 Input Ch1: EPD Hit Count Th
Entries 556912
273838
272449
4818
6007
East
West

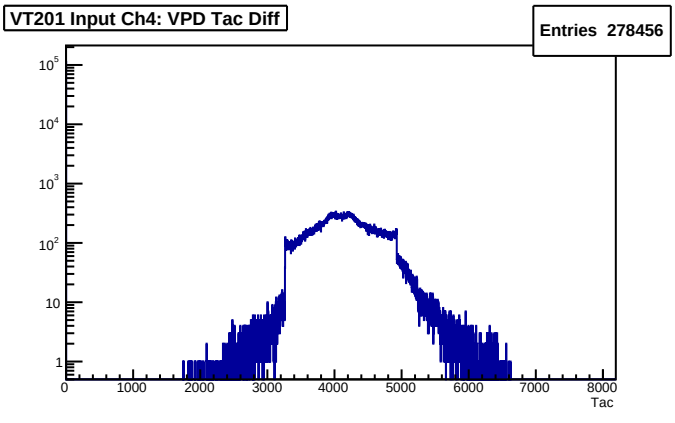

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

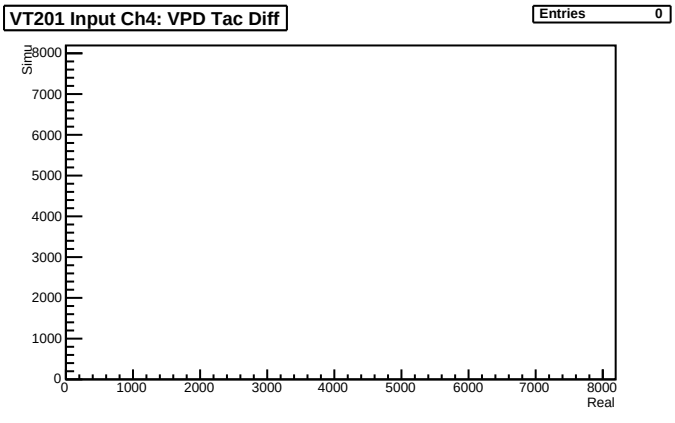

VT201 Input Ch2: ZDC Tac Diff
Entries 278456
Tac

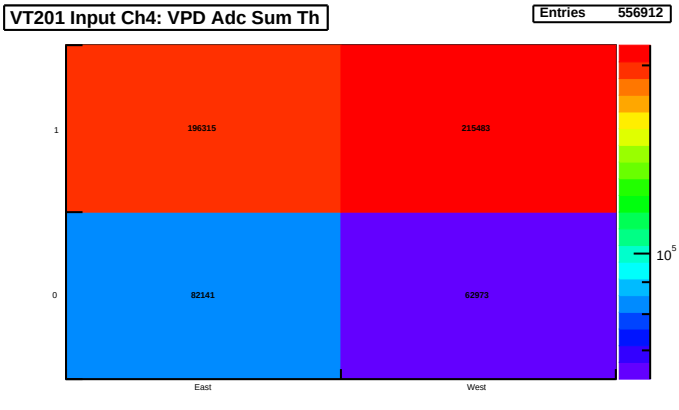

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

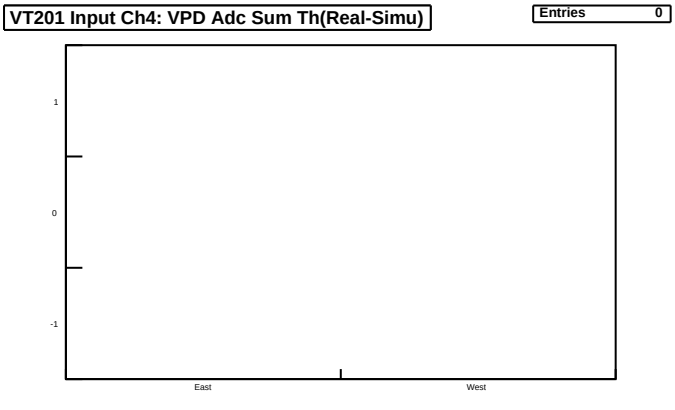

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2227648
9297
2207
14
12
8666
3441
41
33
269159
276249
278442
278444
269790
275015
278415
278423
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

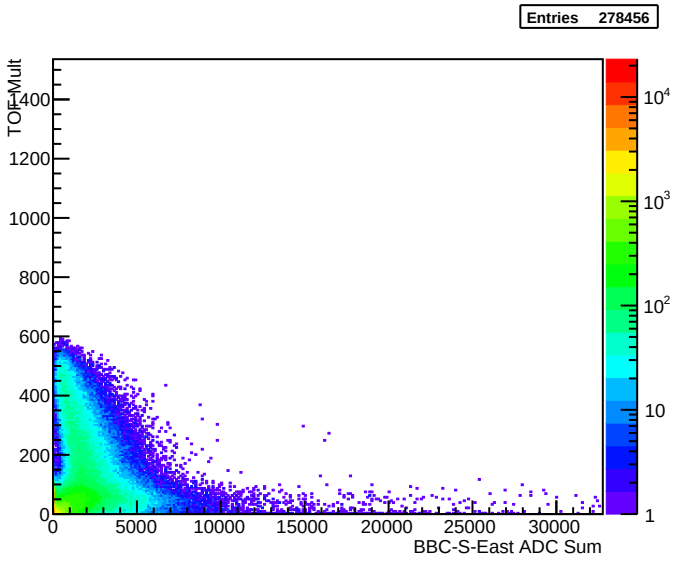

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

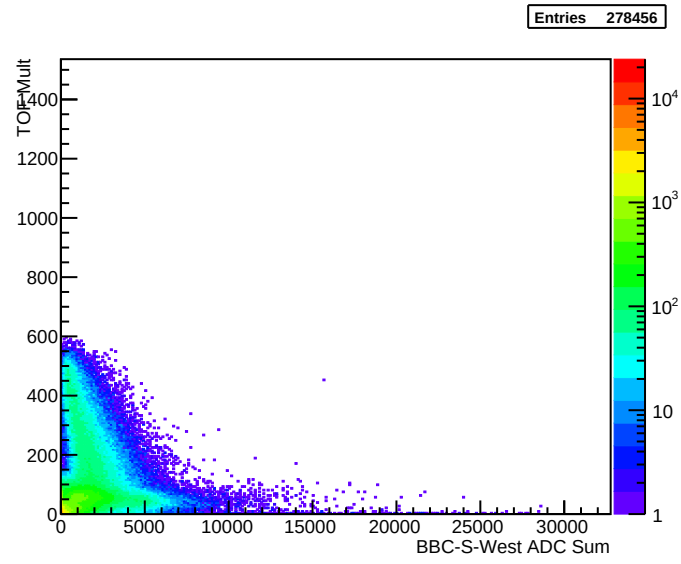

VT201 Input Ch4: VPD Tac Diff
Entries 278456
Tac

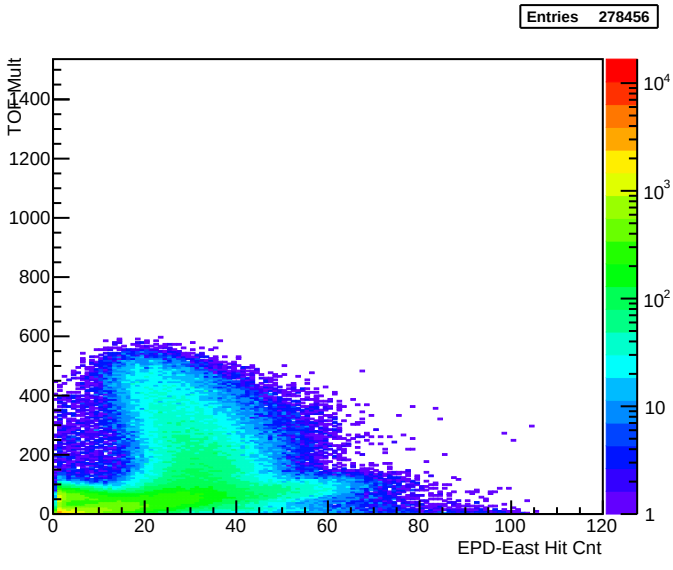

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

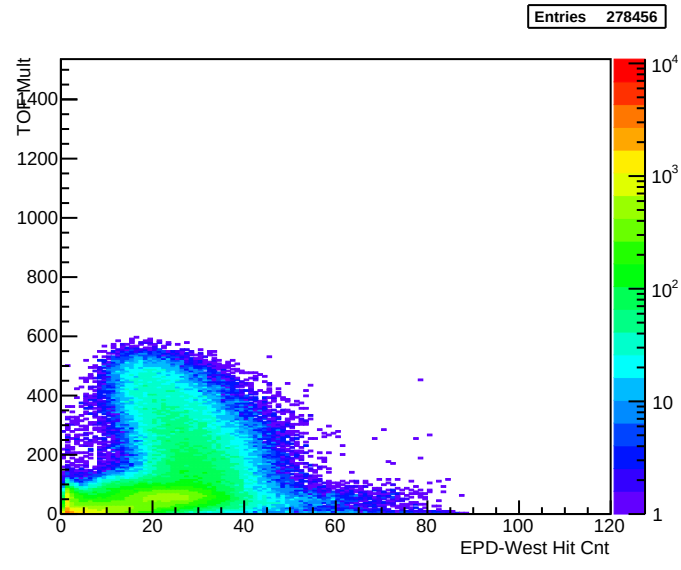

VT201 Input Ch4: VPD Adc Sum Th
Entries 556912
196315
215483
82141
62973
East
West

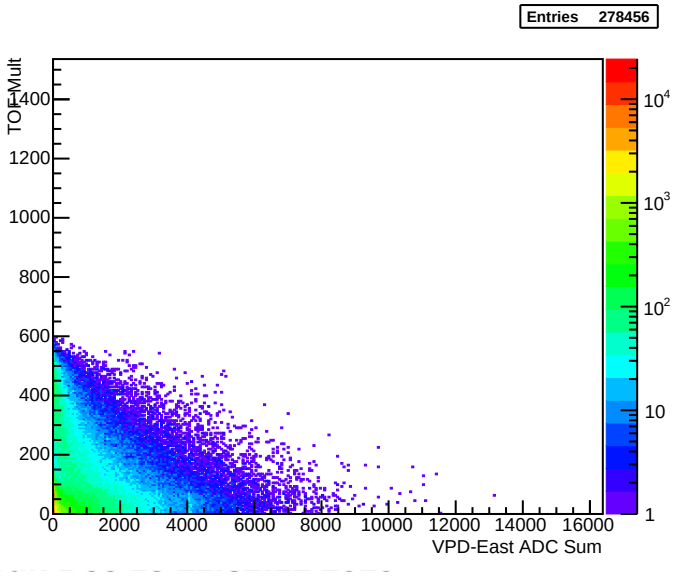

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

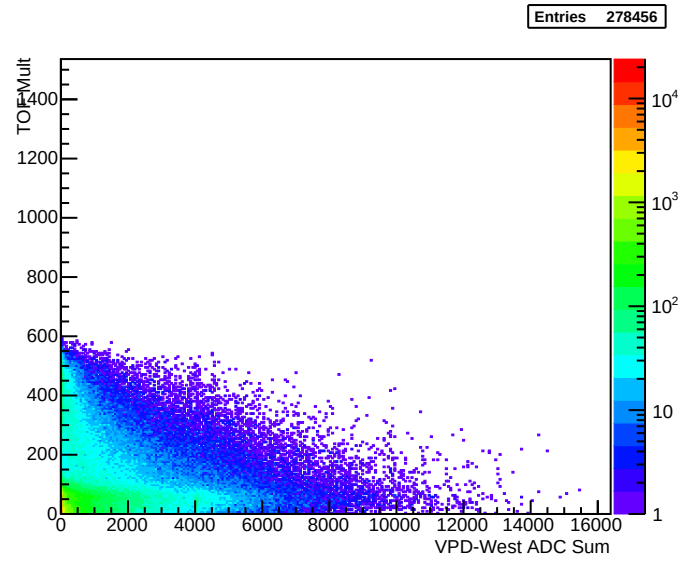

Entries 278456
TOF-Mult
BBC-S-East ADC Sum

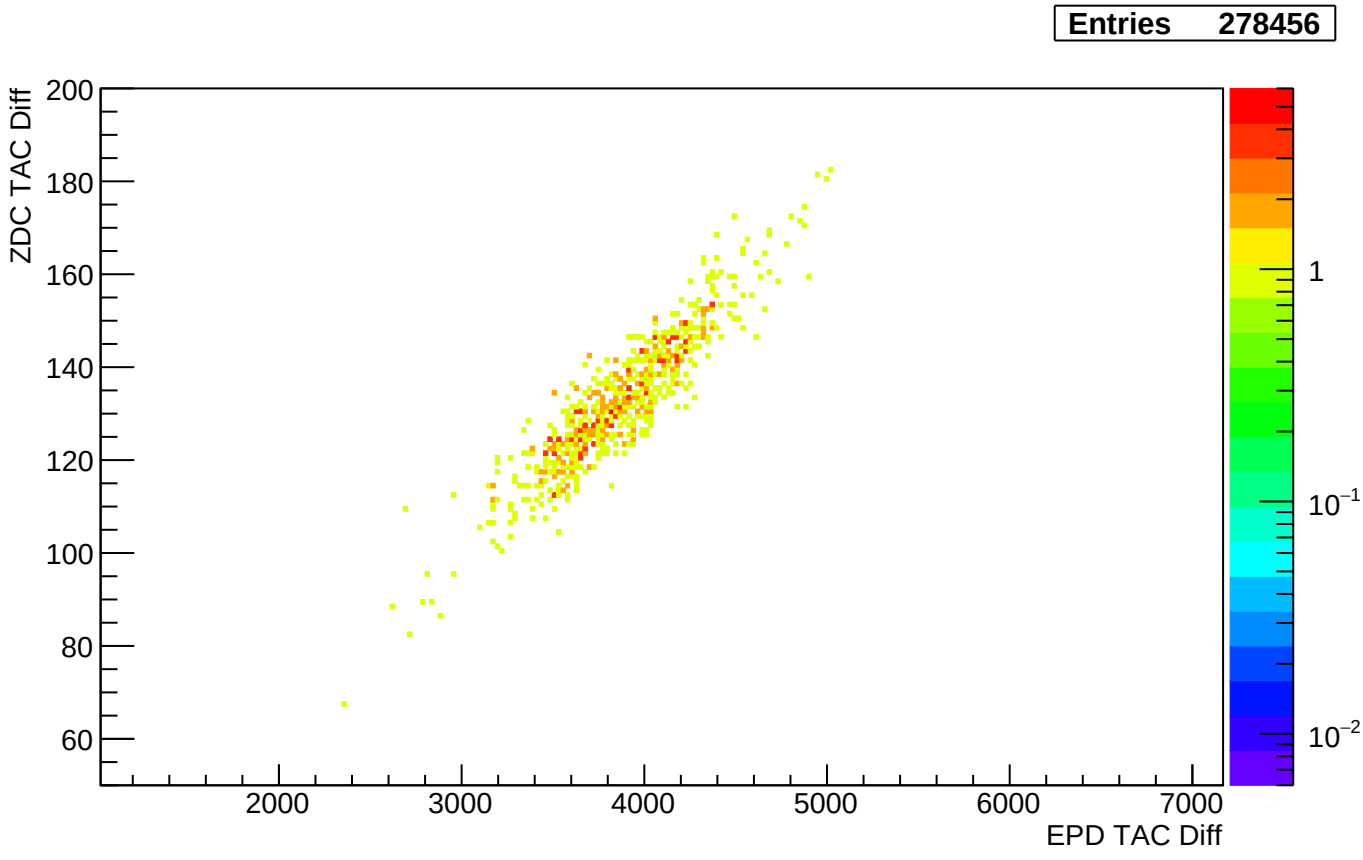

Entries 278456
TOF-Mult
BBC-S-West ADC Sum

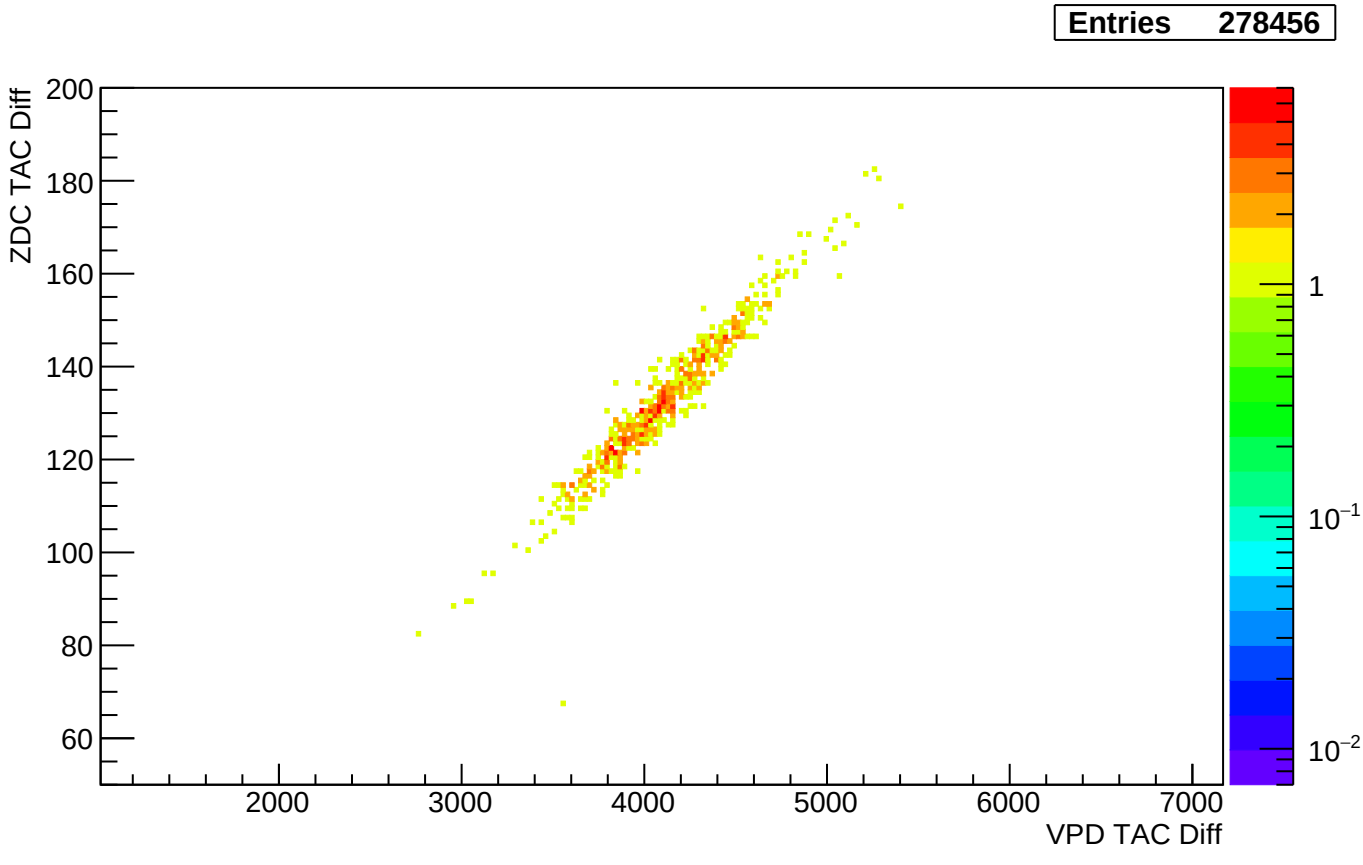

Entries 278456
TOF-Mult
EPD-East Hit Cnt

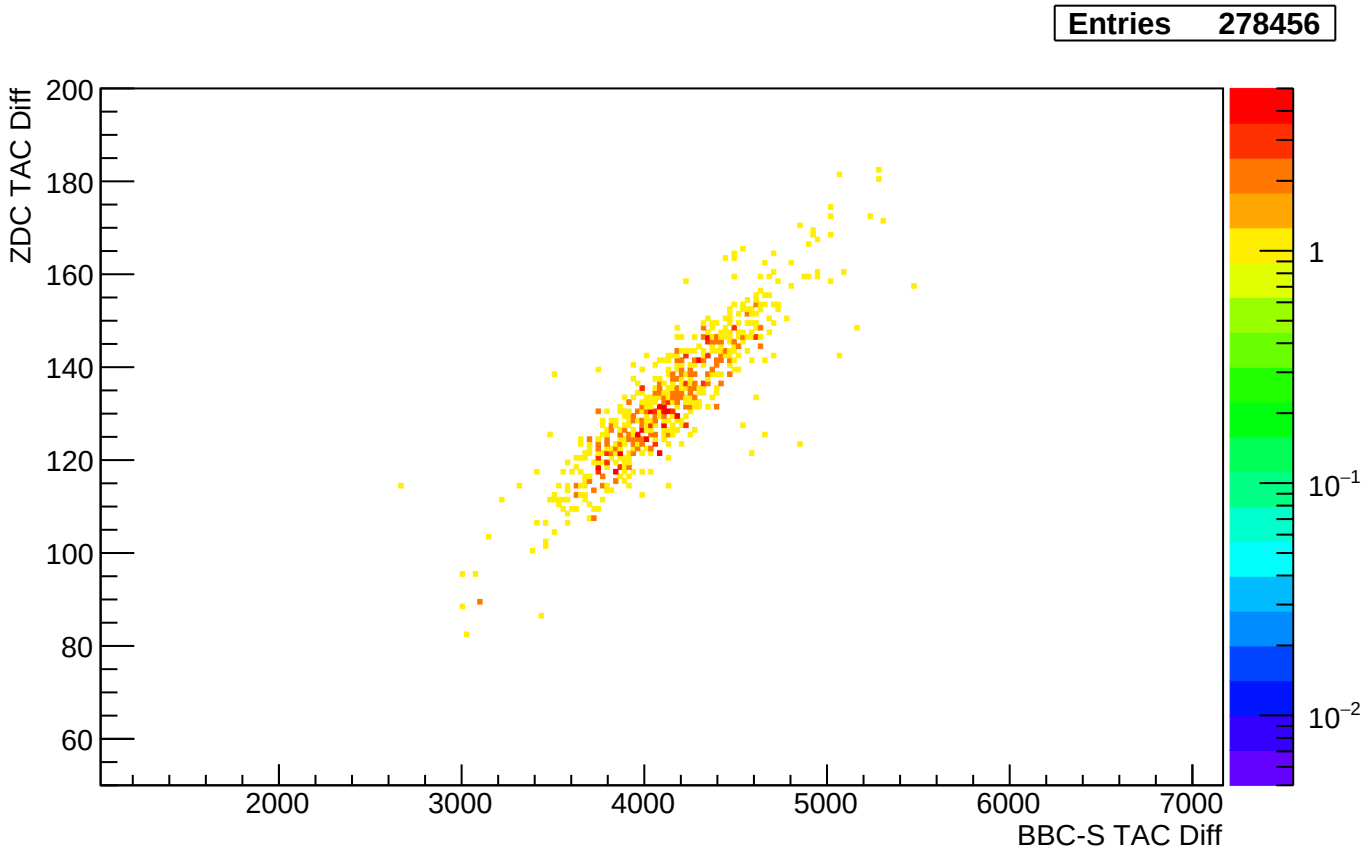

Entries 278456
TOF-Mult
EPD-West Hit Cnt

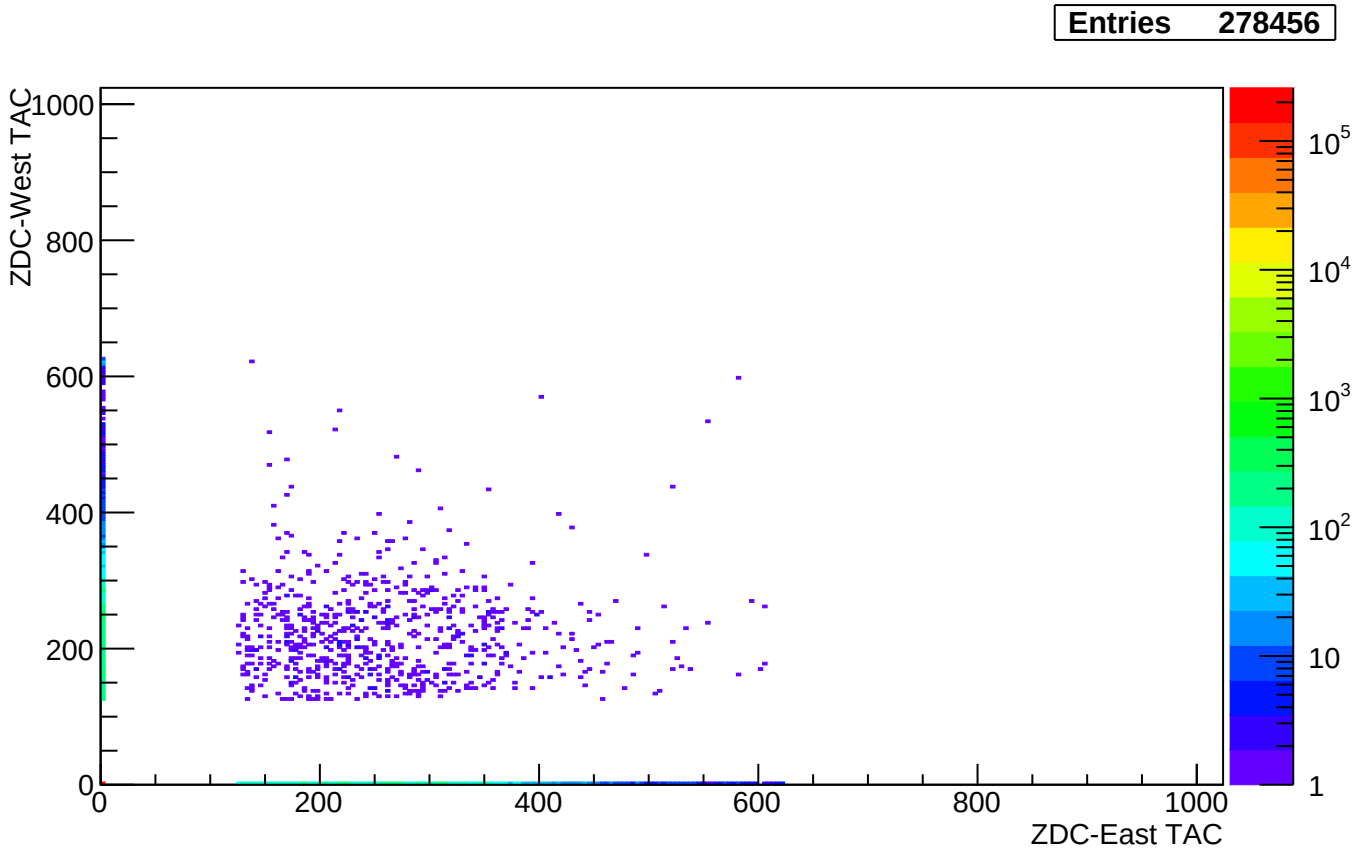

Entries 278456
TOF-Mult
VPD-East ADC Sum

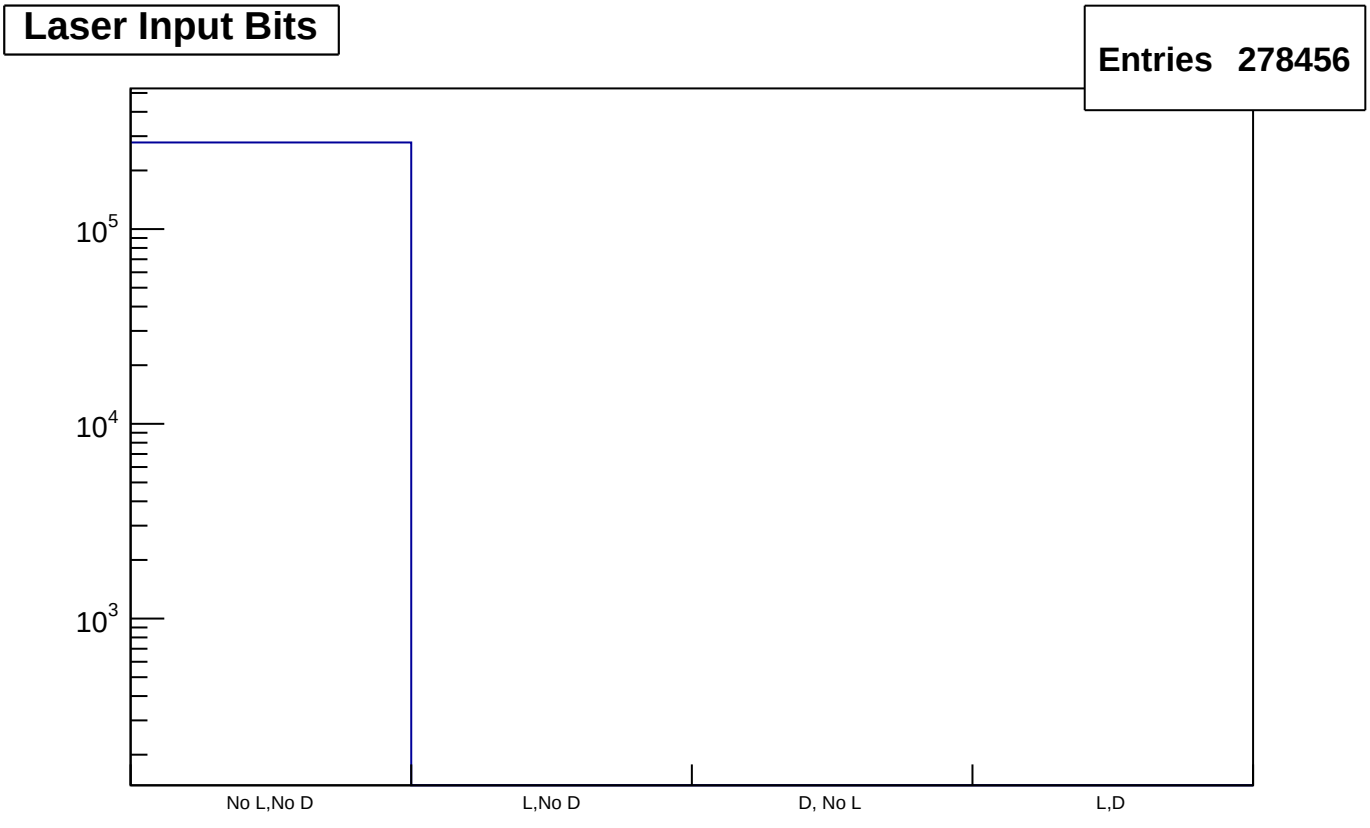

Entries 278456
TOF-Mult
VPD-West ADC Sum

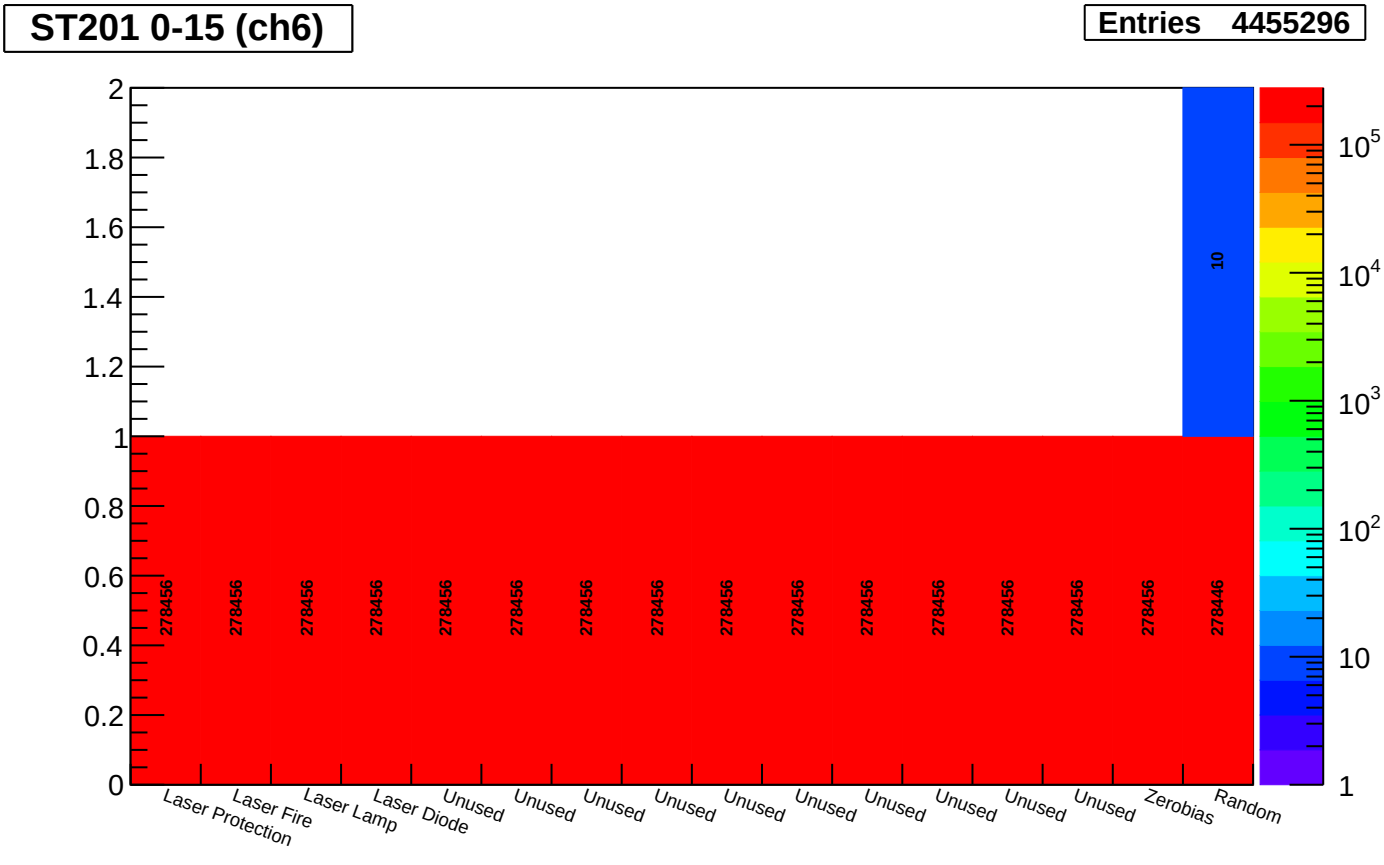

Entries 278456
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

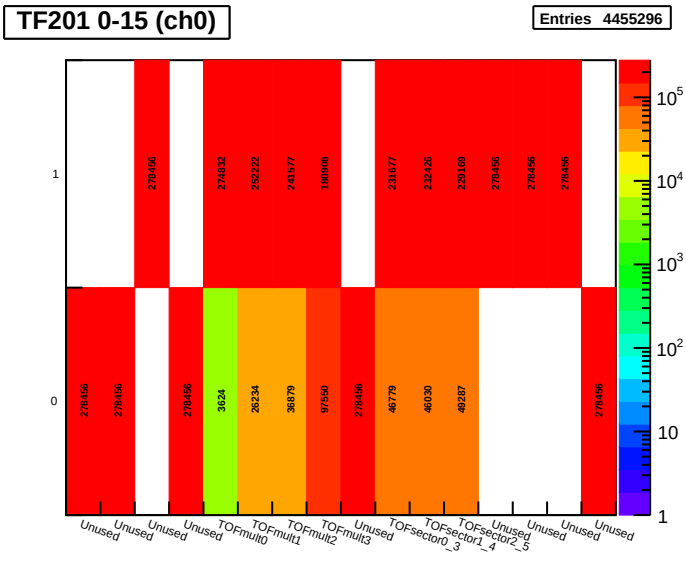

Entries 278456
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

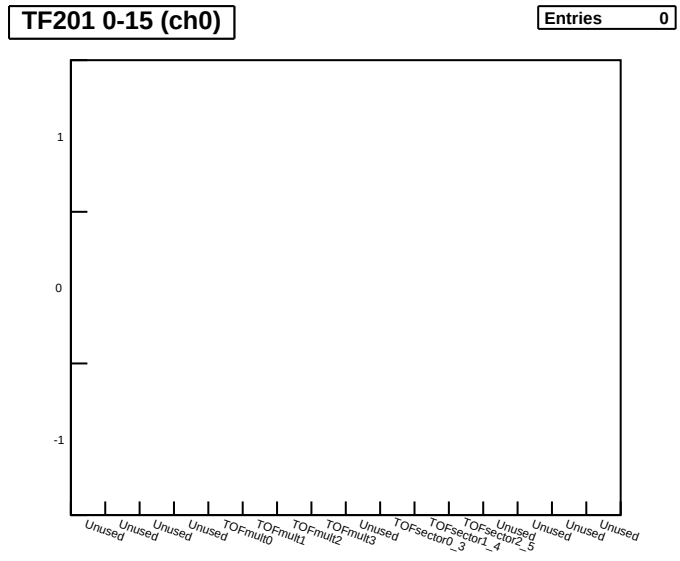

Entries 278456
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

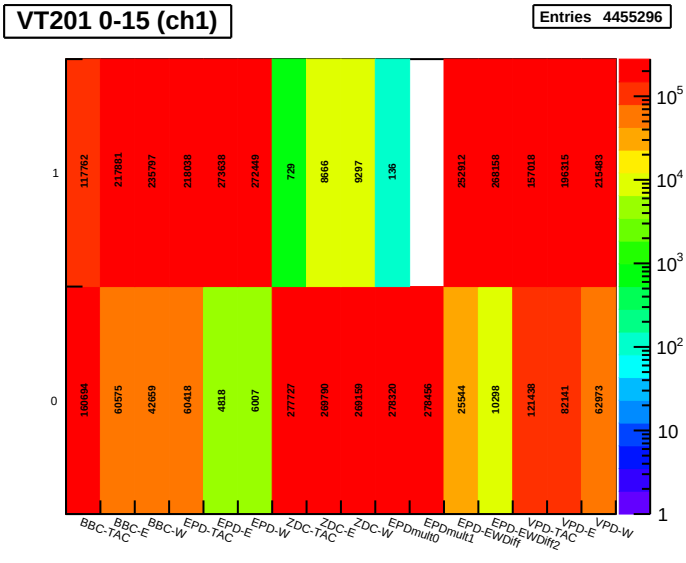

Entries 278456
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

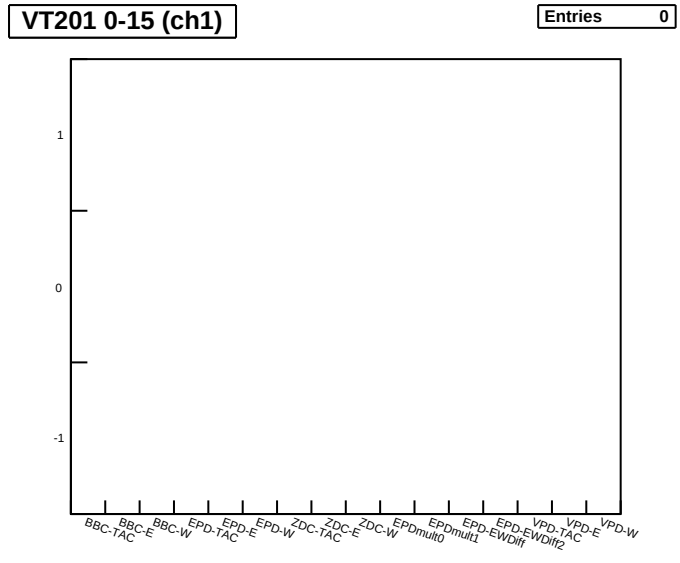

Laser Input Bits
Entries 278456
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

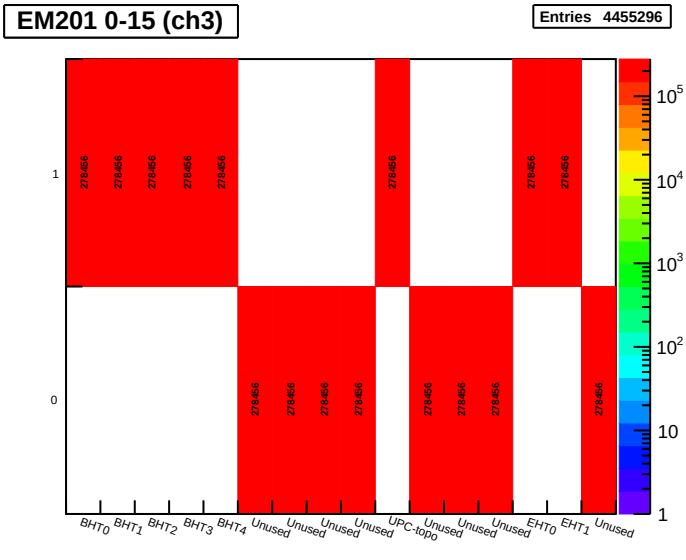

ST201 0-15 (ch6)
Entries 4455296
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
278456
278446
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

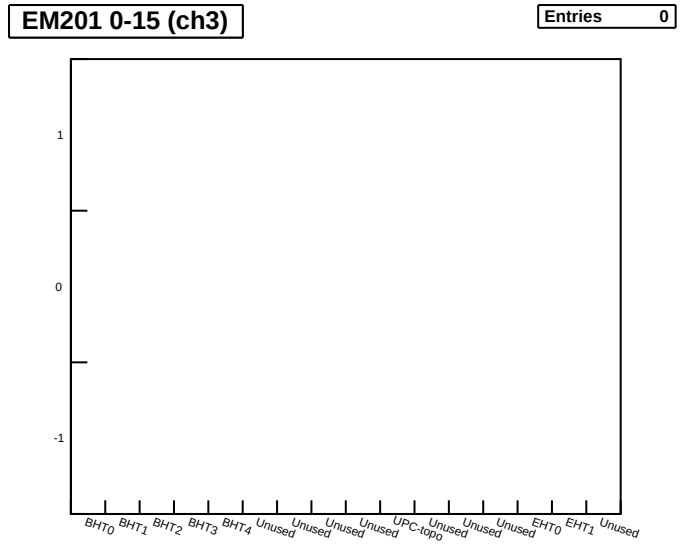

TF201 0-15 (ch0)
Entries 4455296
1
0
278456 274832 232222 241577 180906 231677 232428 229169 278456 278456 278456
278456 278456 278456 3624 26234 36879 97550 278456 46779 46030 49287 278456
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
$10^5$ $10^4$ $10^3$ $10^2$ 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


VT201 0-15 (ch1)
Entries 4455296
1
0
117762 217881 235797 218038 273638 272449 729 8666 9297 136 252912 268158 157018 196315 215483
160694 60575 42659 60418 4818 6007 277727 269790 269159 278320 278456 25544 10298 121438 82141 62973
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
$10^5$ $10^4$ $10^3$ $10^2$ 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 4455296
1
0
278456 278456 278456 278456 278456 278456 278456 278456
278456 278456 278456 278456 278456 278456 278456 278456
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
$10^5$ $10^4$ $10^3$ $10^2$ 10 1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused