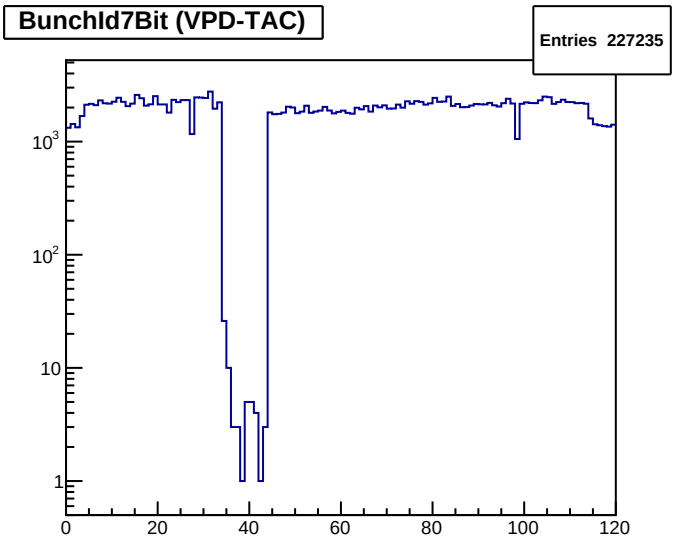
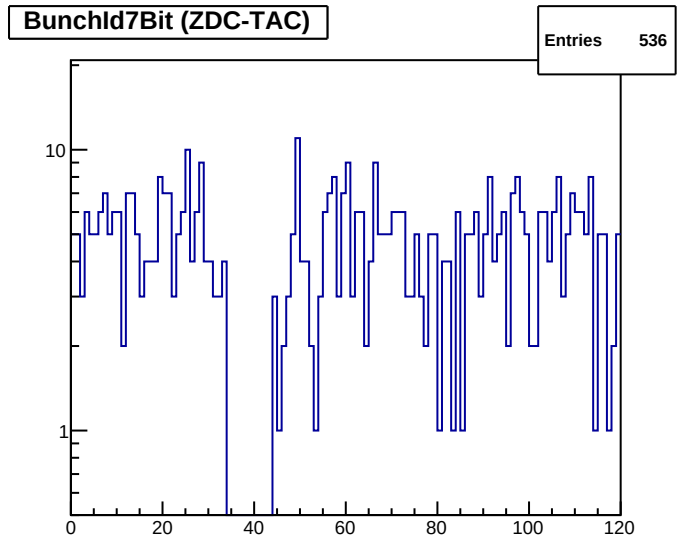
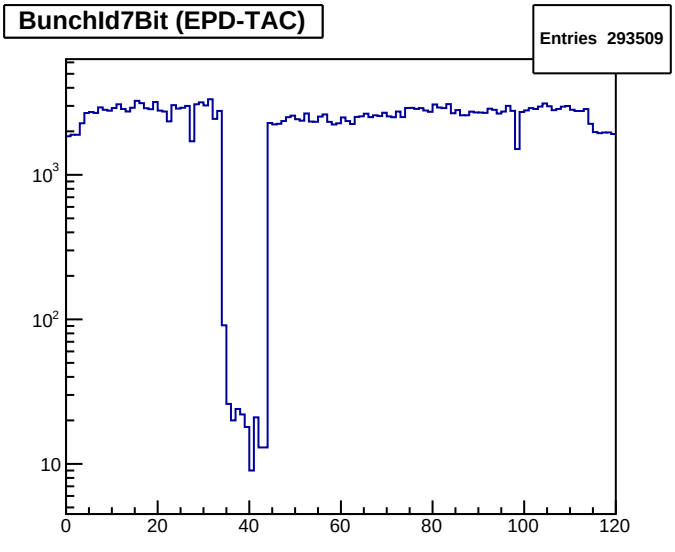
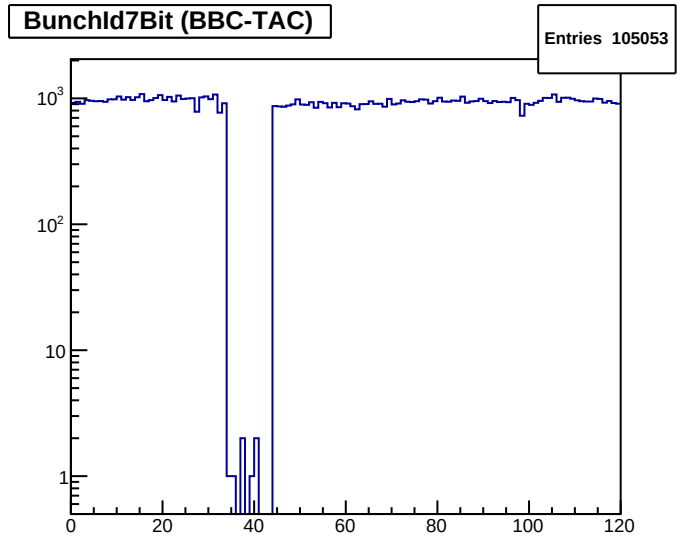
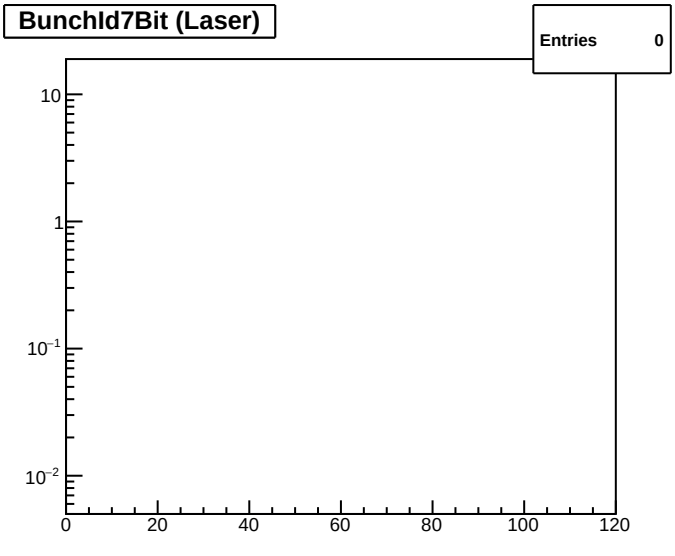
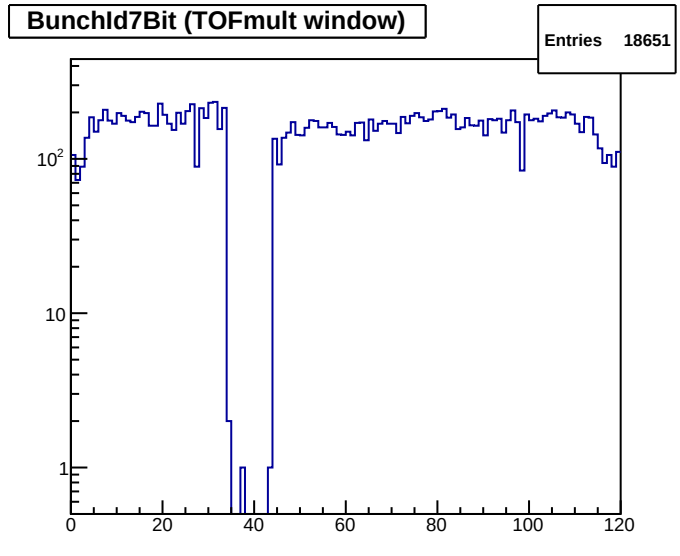

BunchId7Bit (VPD-TAC)
Entries 227235

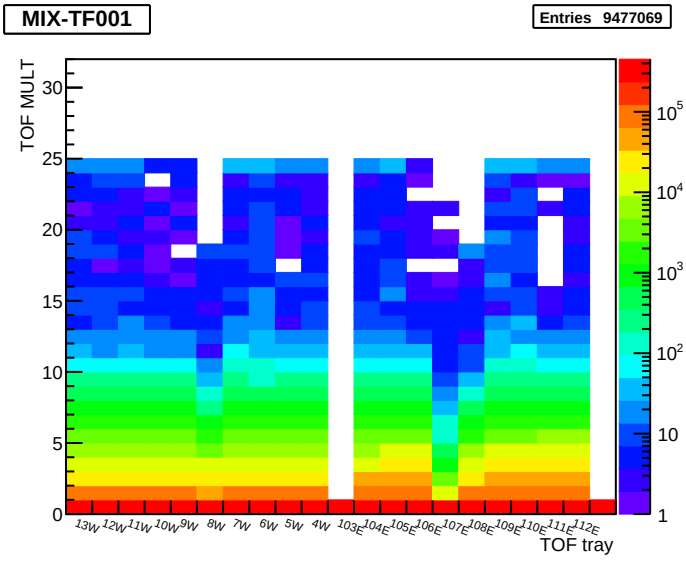

BunchId7Bit (ZDC-TAC)
Entries 536

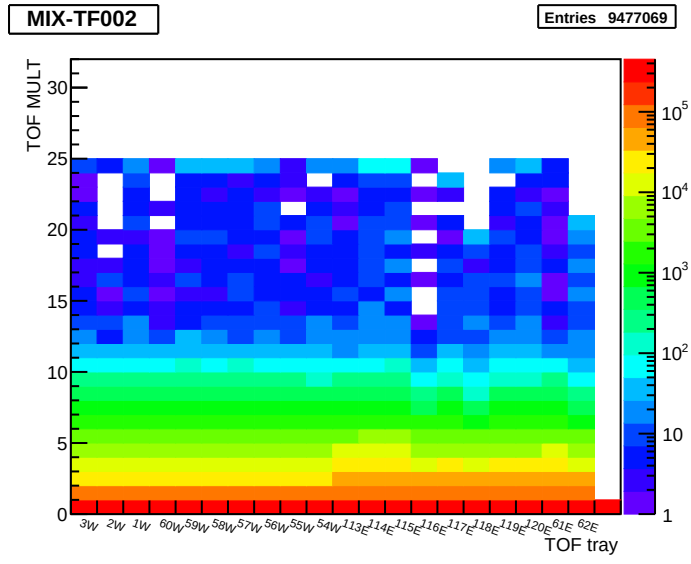

BunchId7Bit (EPD-TAC)
Entries 293509

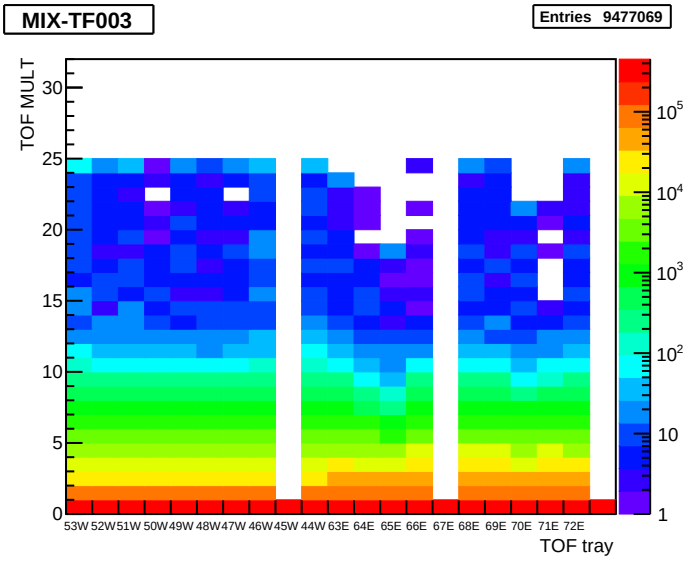

BunchId7Bit (BBC-TAC)
Entries 105053

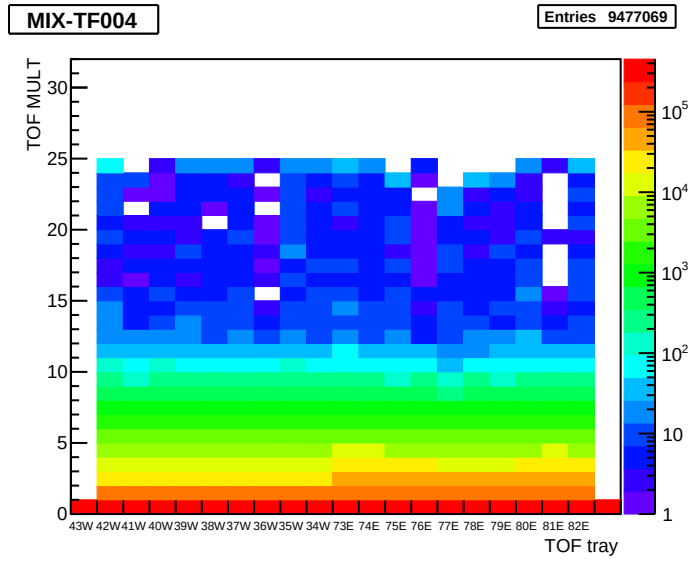

BunchId7Bit (Laser)
Entries 0

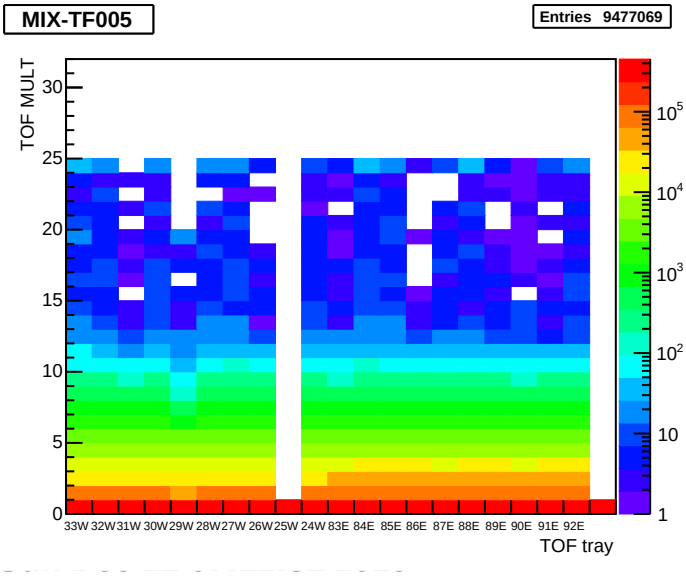

BunchId7Bit (TOFmult window)
Entries 18651

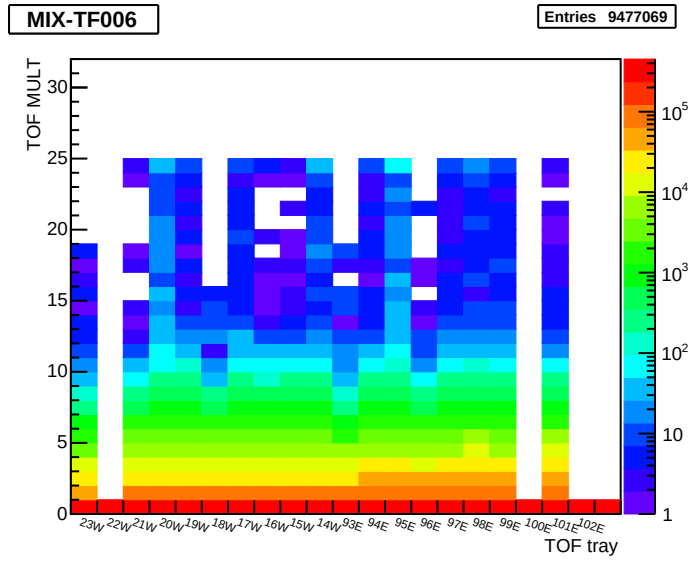

MIX-TF001
Entries 9477069
TOF MULT
TOF tray

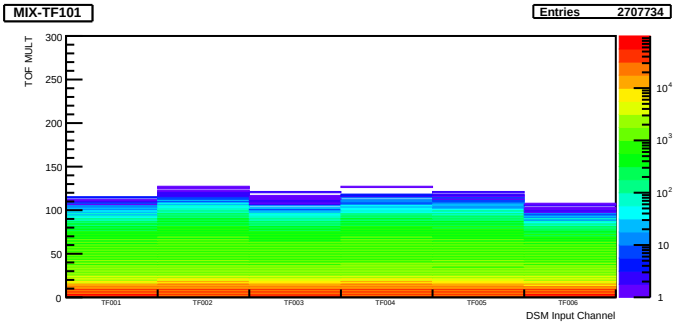

MIX-TF002
Entries 9477069
TOF MULT
TOF tray

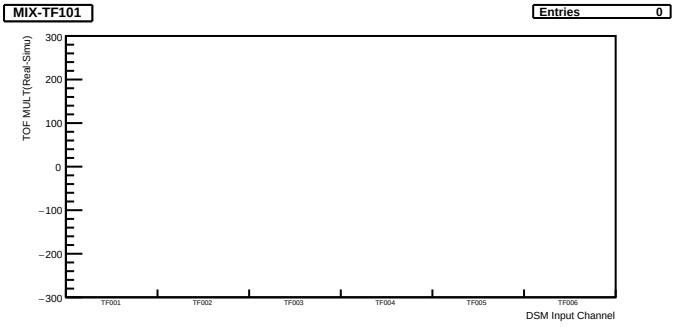

MIX-TF003
Entries 9477069
TOF MULT
TOF tray

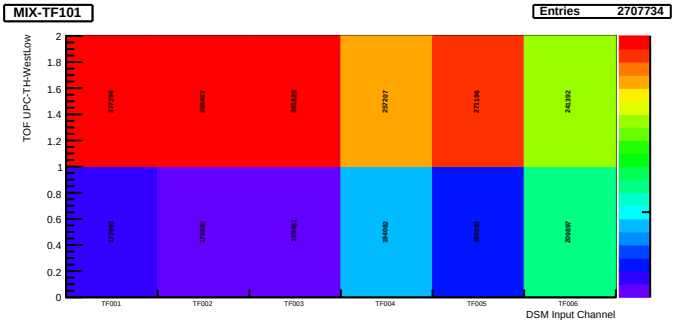

MIX-TF004
Entries 9477069
TOF MULT
TOF tray

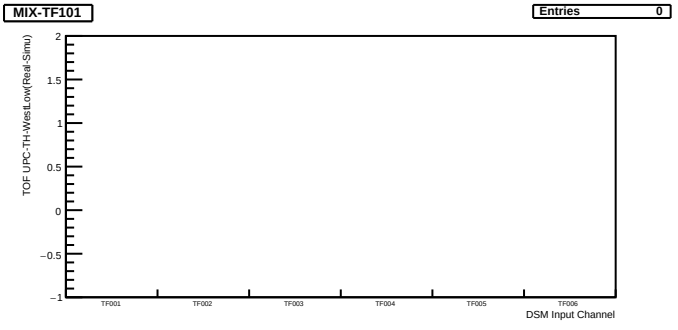

MIX-TF005
Entries 9477069
TOF MULT
TOF tray

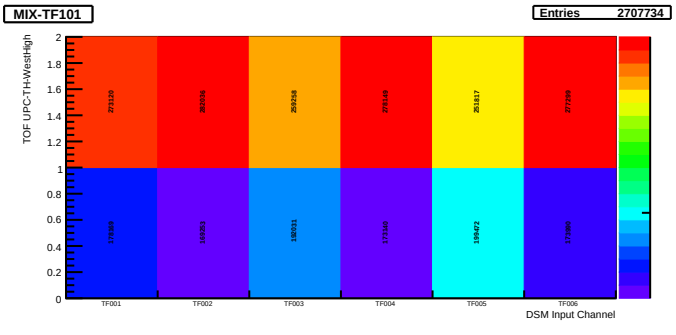

MIX-TF006
Entries 9477069
TOF MULT
TOF tray

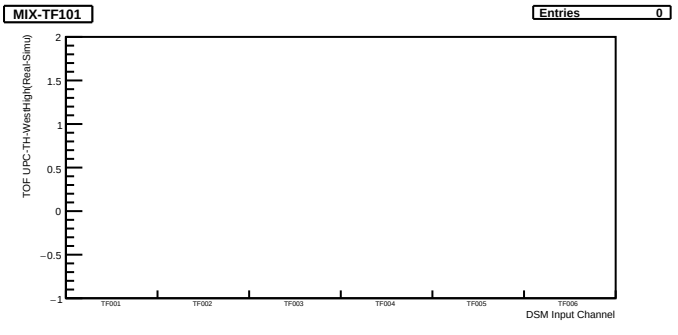

MIX-TF101
Entries 2707734
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

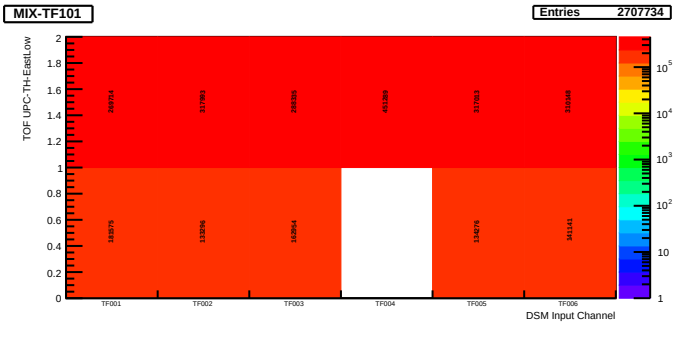

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

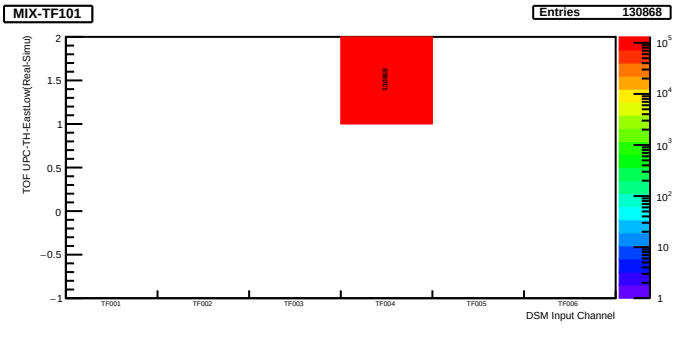

MIX-TF101
Entries 2707734
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

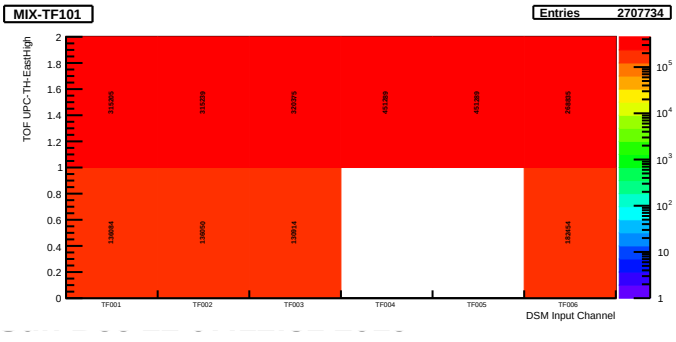

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

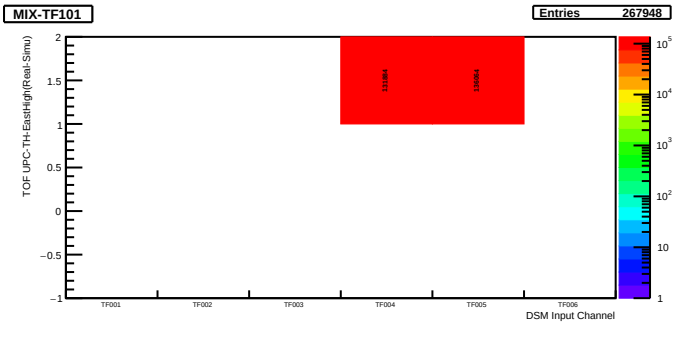

MIX-TF101
Entries 2707734
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

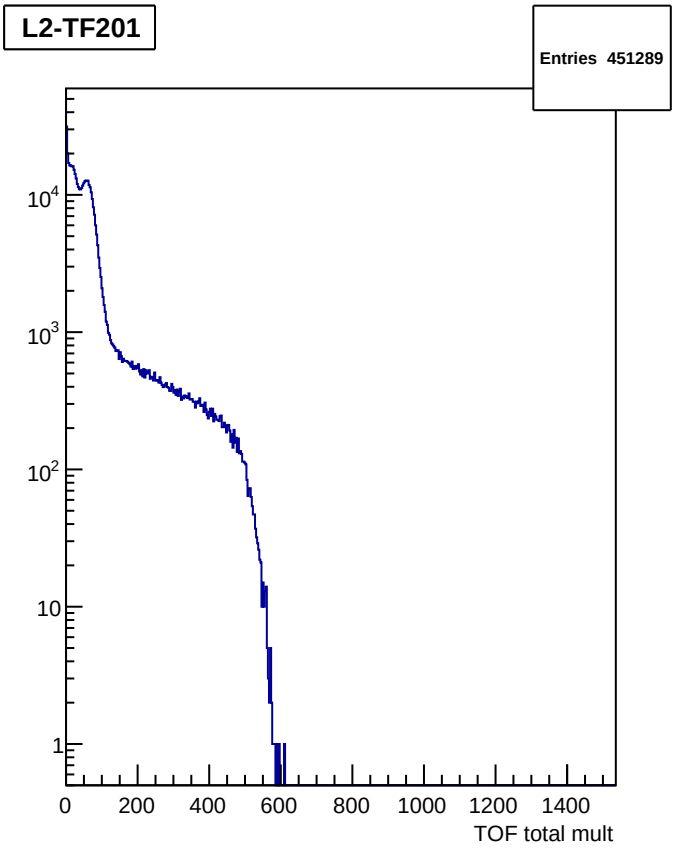

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

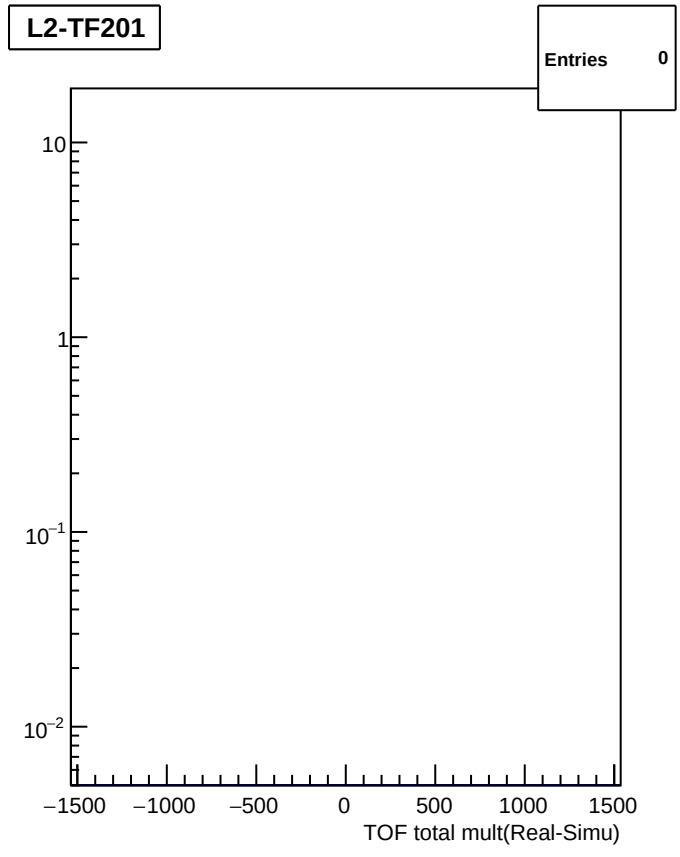

MIX-TF101
Entries 2707734
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

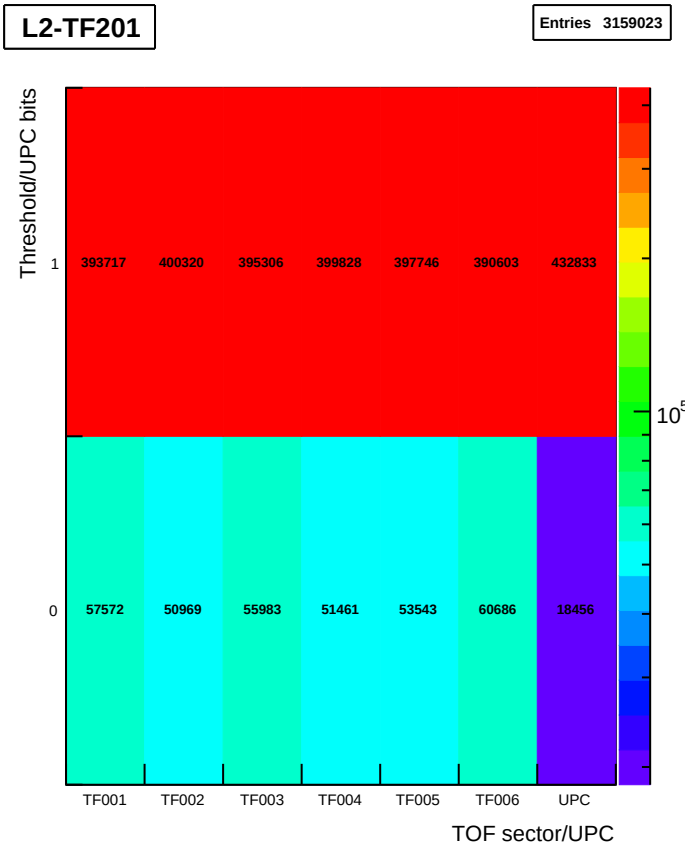

MIX-TF101
Entries 130868
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

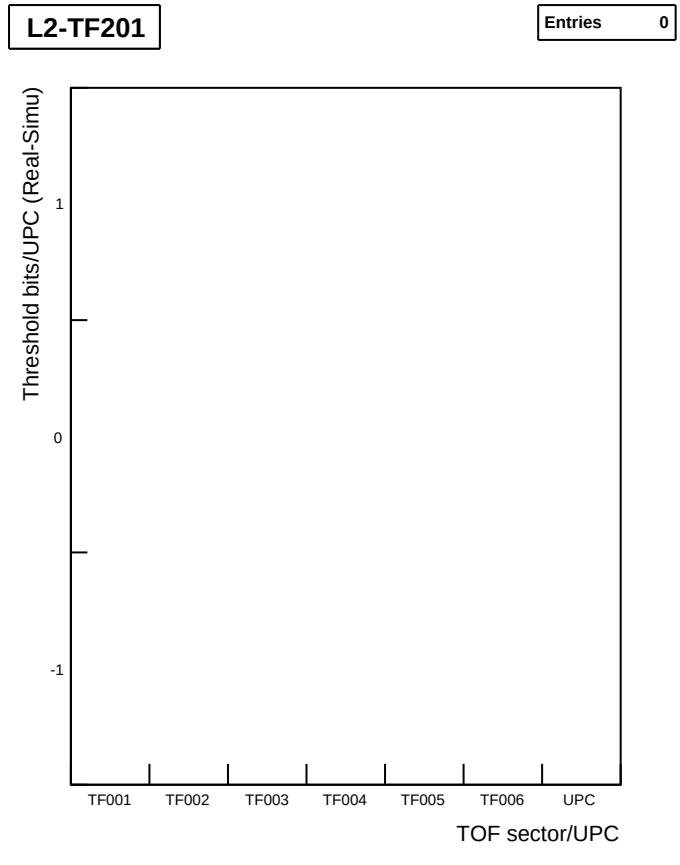

MIX-TF101
Entries 2707734
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

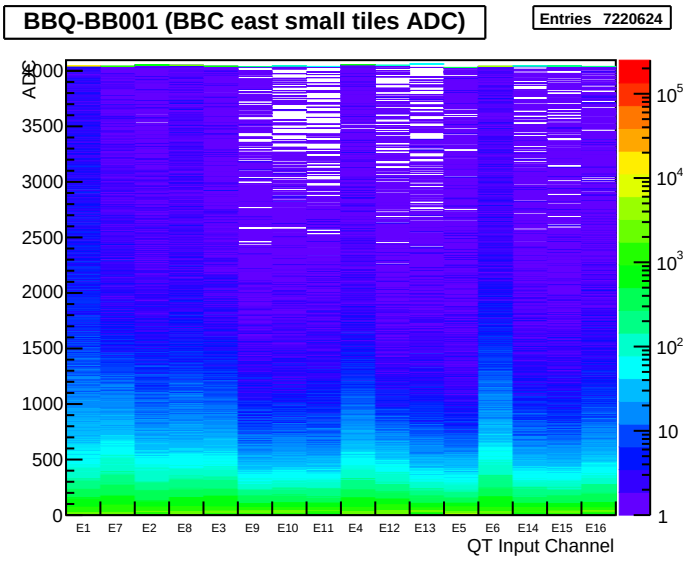

MIX-TF101
Entries 267948
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

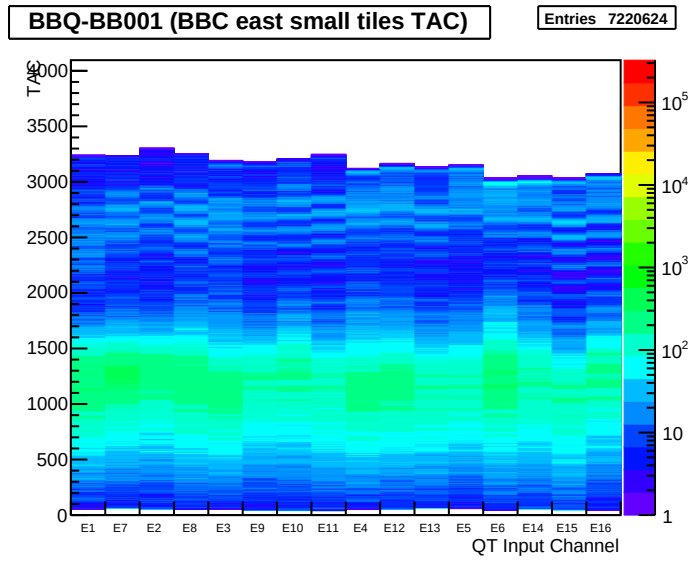

L2-TF201
Entries 451289
TOF total mult

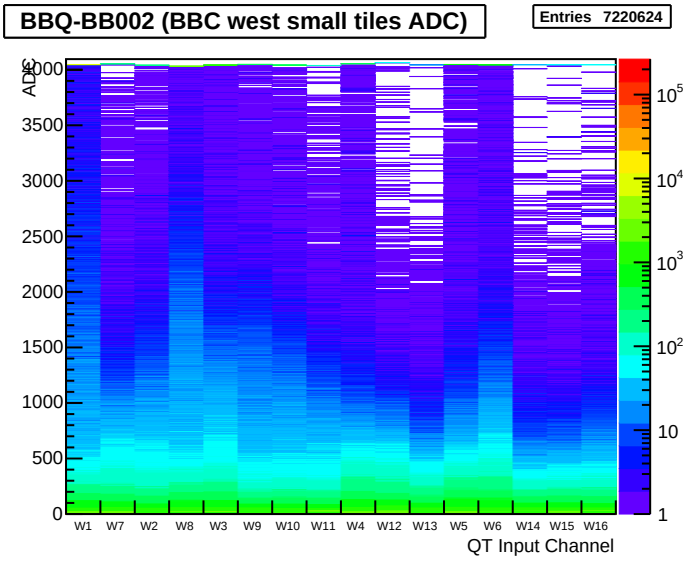

L2-TF201
Entries 0
TOF total mult(Real-Simu)

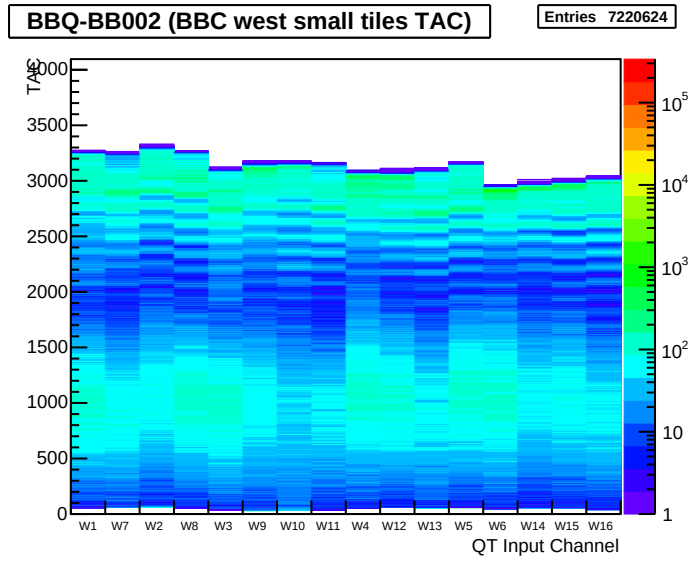

L2-TF201
Entries 3159023
Threshold/UPC bits
393717
400320
395306
399828
397746
390603
432833
57572
50969
55983
51461
53543
60686
18456
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

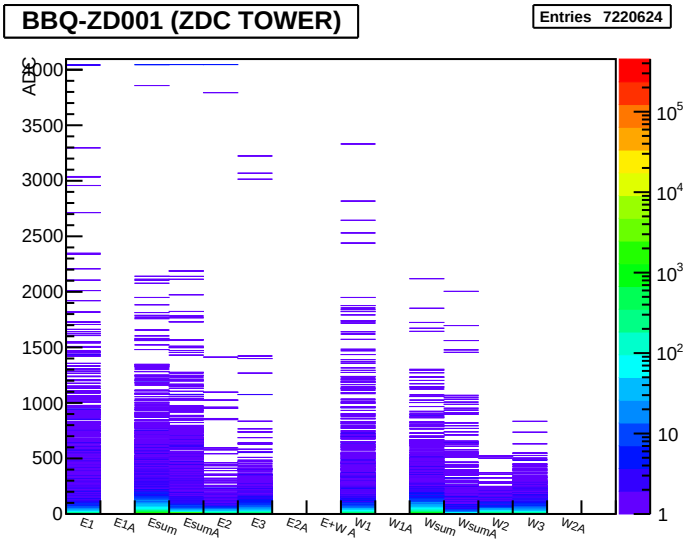

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

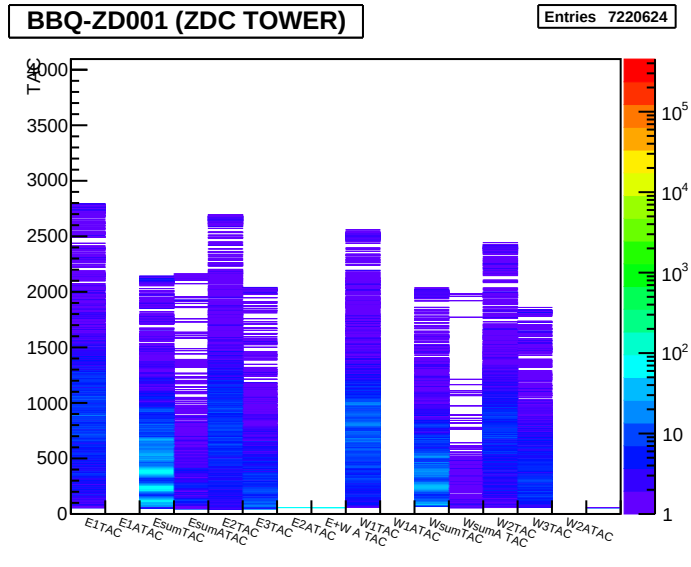

BBQ-BB001 (BBC east small tiles ADC)
Entries 7220624
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

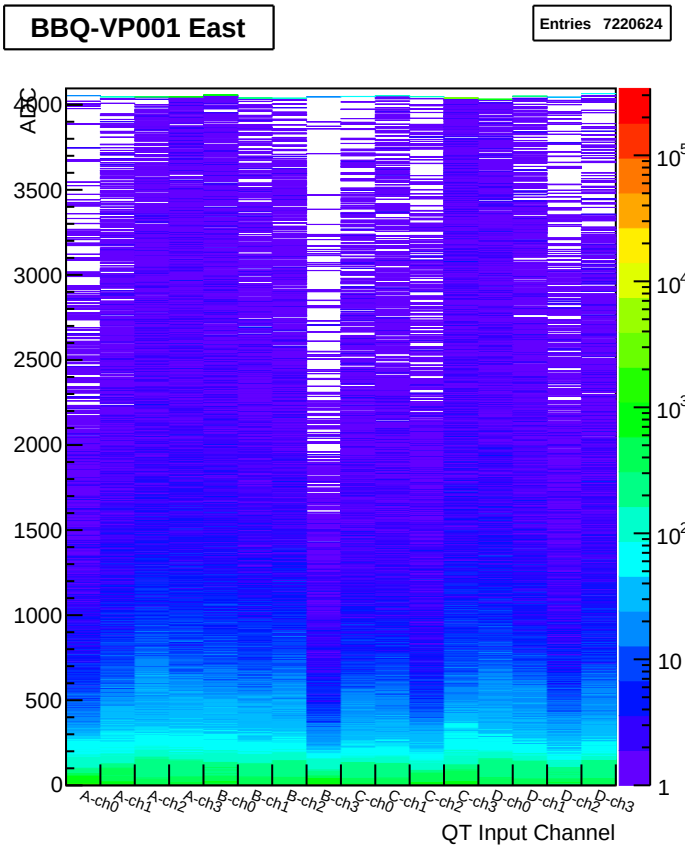

BBQ-BB001 (BBC east small tiles TAC)
Entries 7220624
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

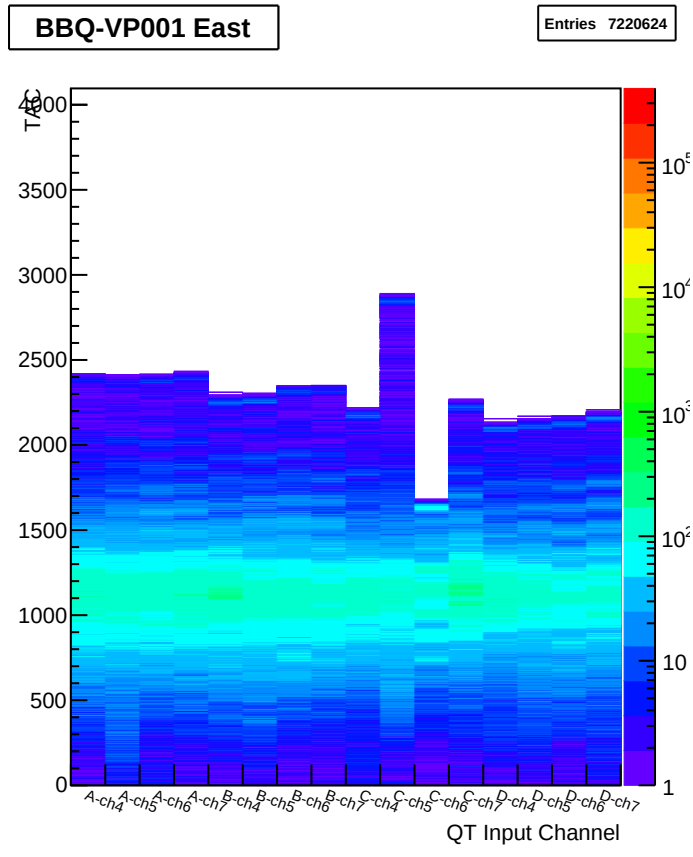

BBQ-BB002 (BBC west small tiles ADC)
Entries 7220624
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

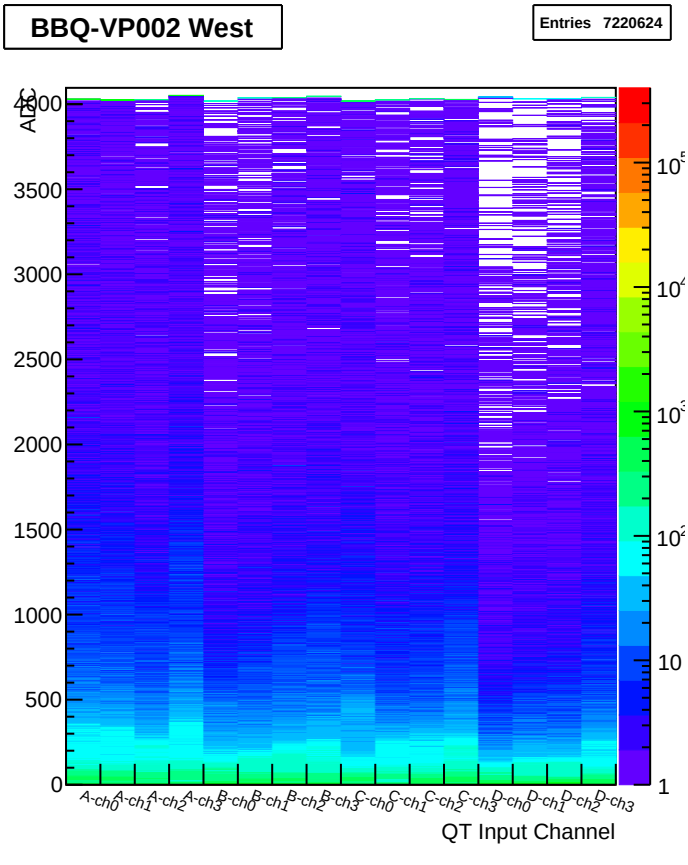

BBQ-BB002 (BBC west small tiles TAC)
Entries 7220624
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

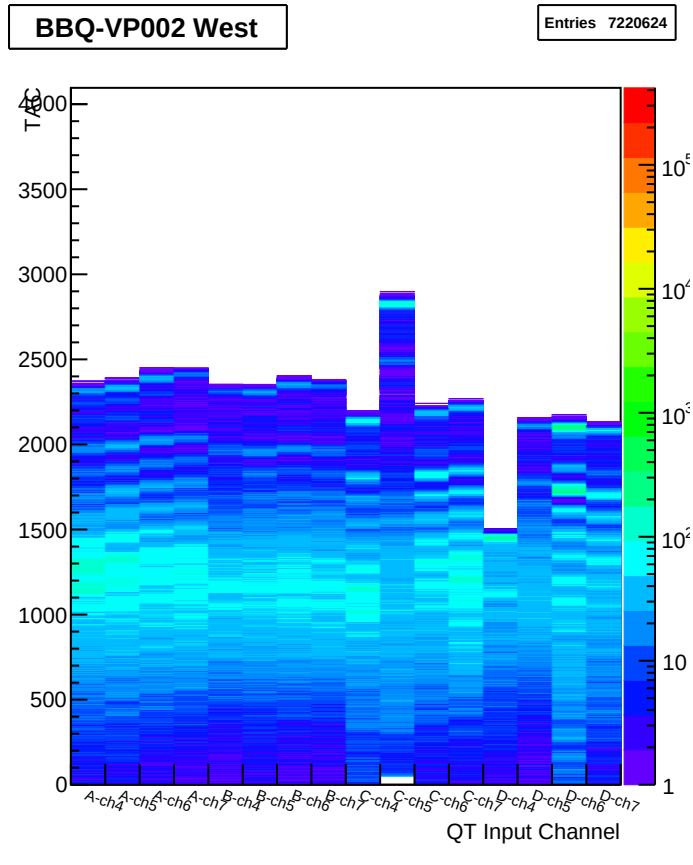

BBQ-ZD001 (ZDC TOWER)
Entries 7220624
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

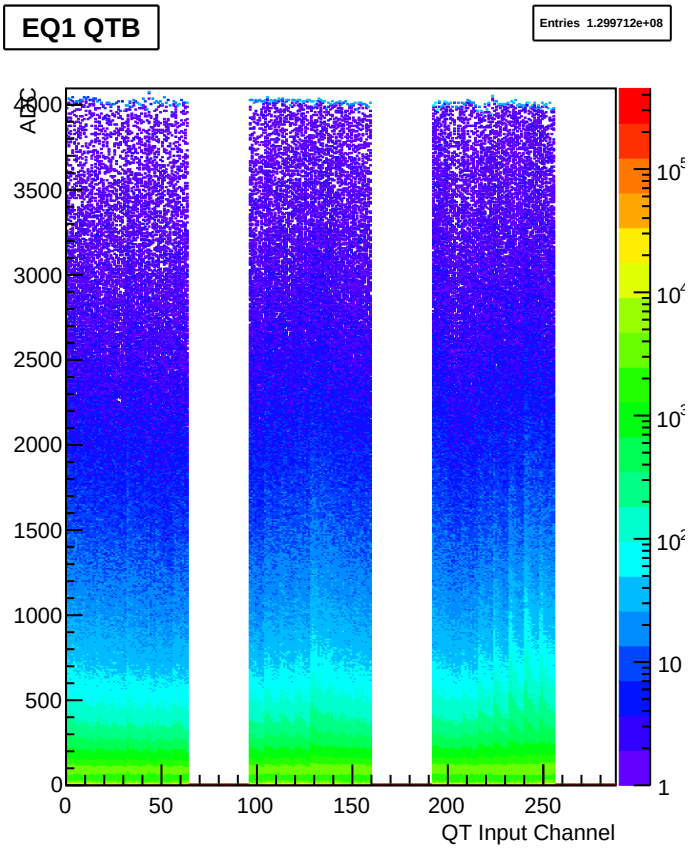

BBQ-ZD001 (ZDC TOWER)
Entries 7220624
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

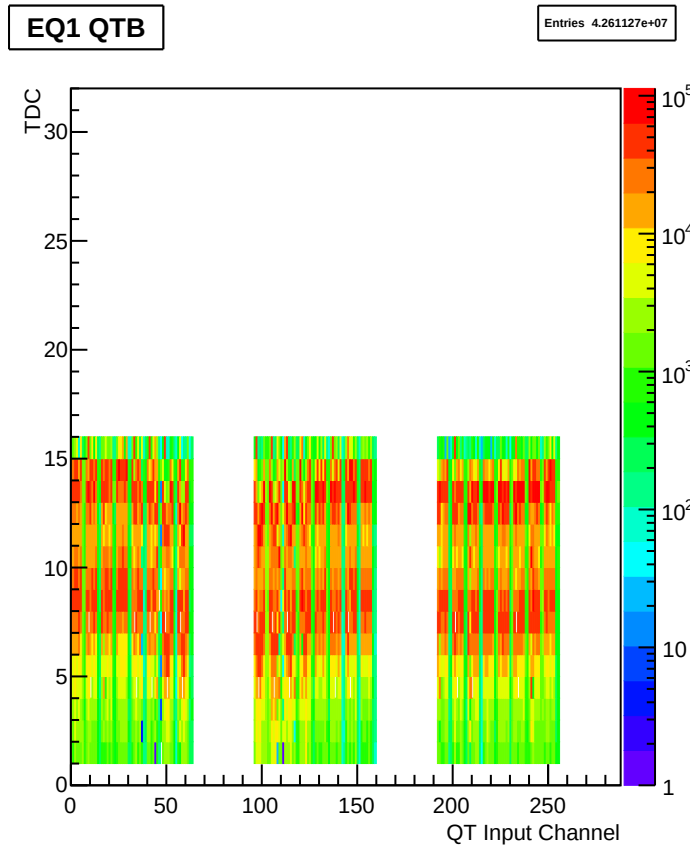

BBQ-VP001 East
Entries 7220624
ADC
QT Input Channel

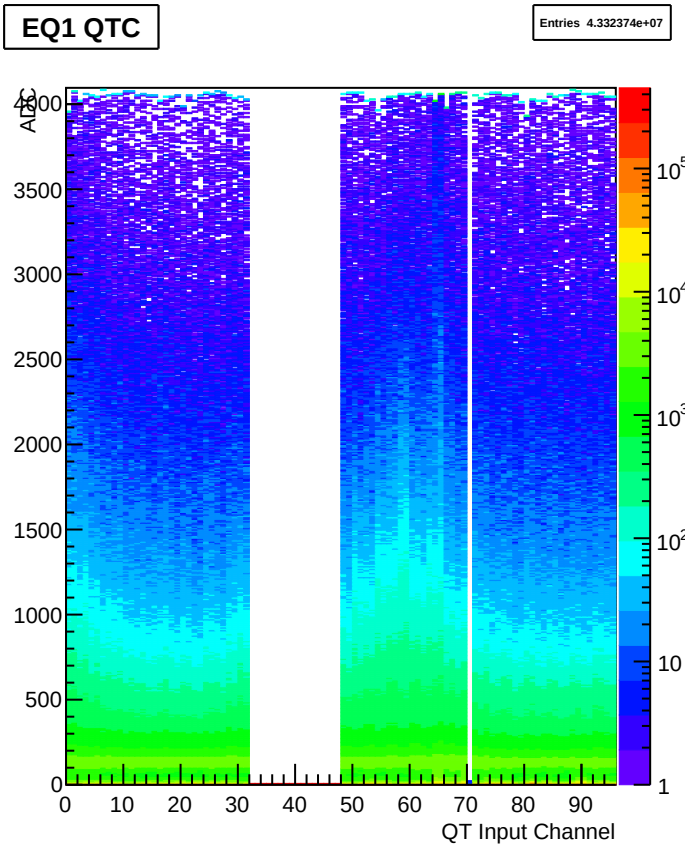

BBQ-VP001 East
Entries 7220624
ADC
QT Input Channel

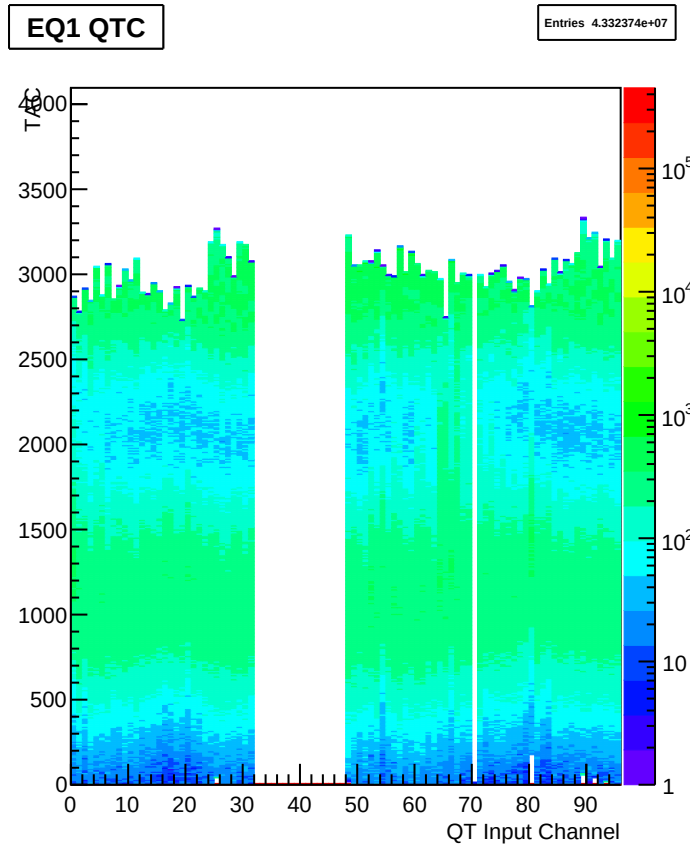

BBQ-VP002 West
Entries 7220624
ADC
QT Input Channel

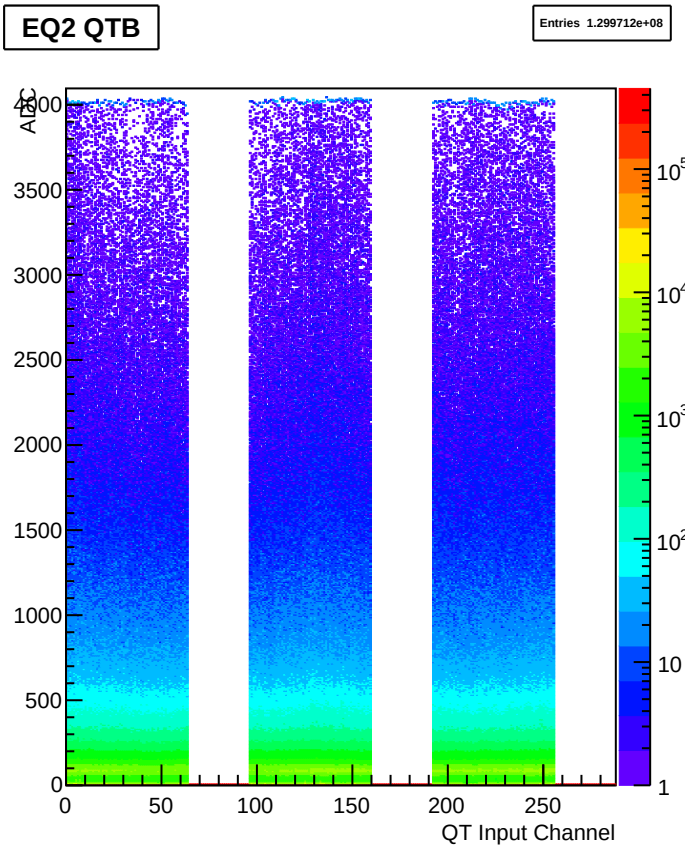

BBQ-VP002 West
Entries 7220624
ADC
QT Input Channel

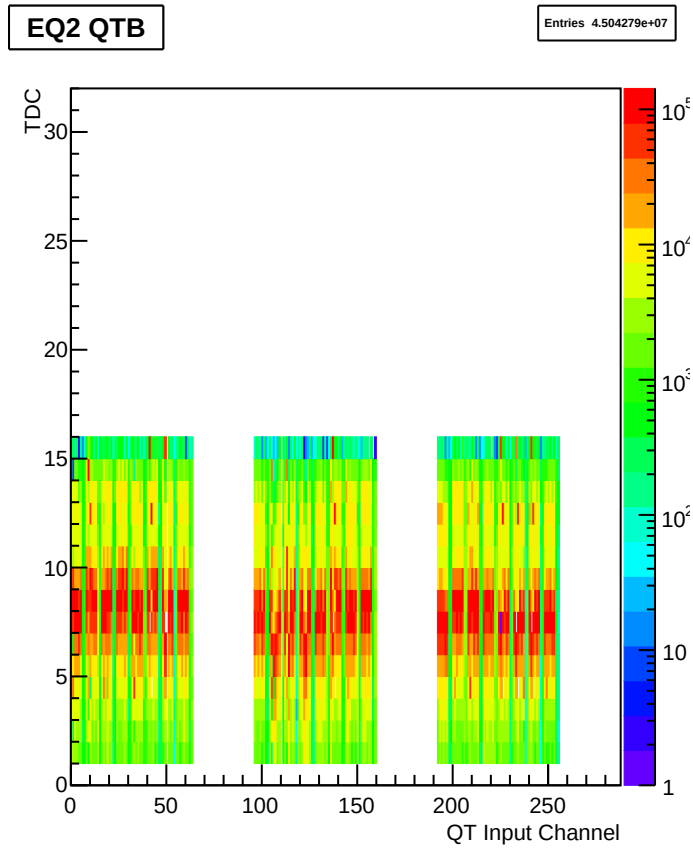

EQ1 QTB
Entries 1.299712e+08
ADC
QT Input Channel

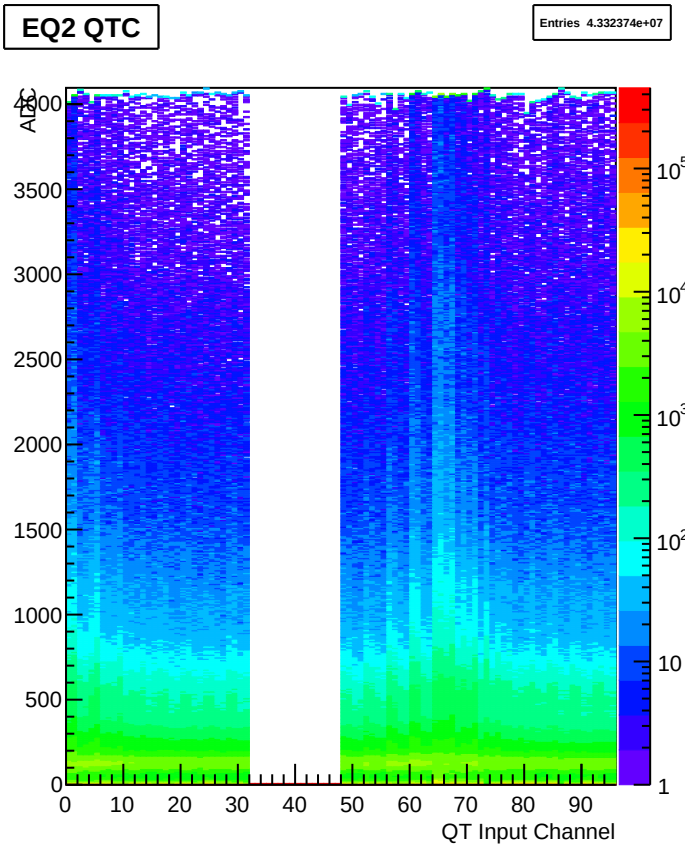

EQ1 QTB
Entries 4.261127e+07
TDC
QT Input Channel

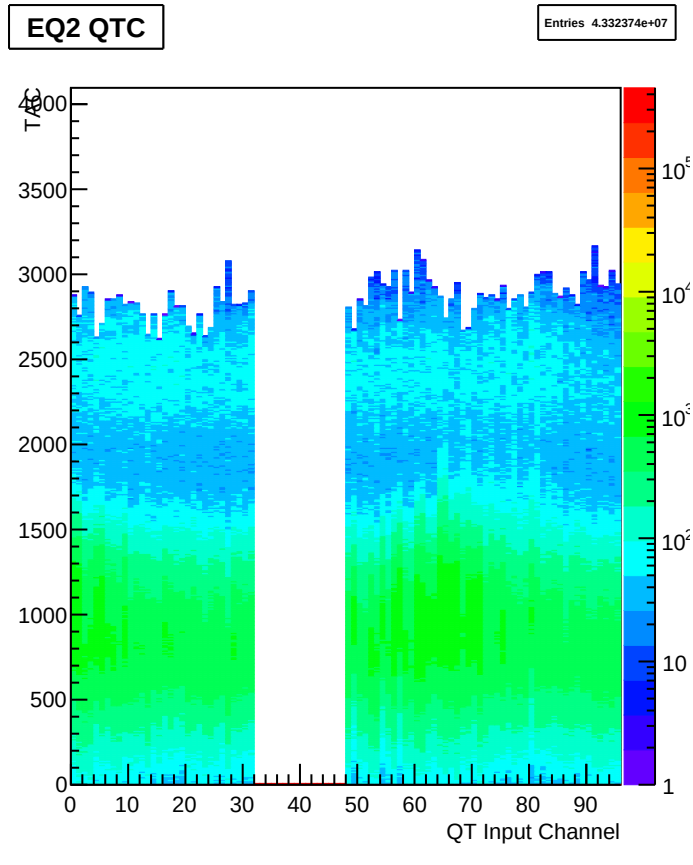

EQ1 QTC
Entries 4.332374e+07
ADC
QT Input Channel

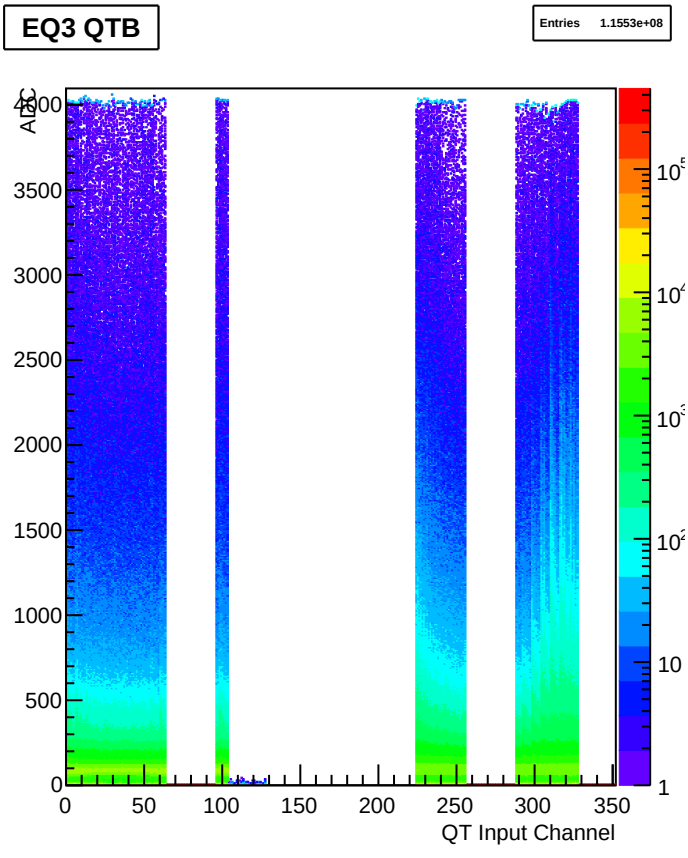

EQ1 QTC
Entries 4.332374e+07
TADC
QT Input Channel

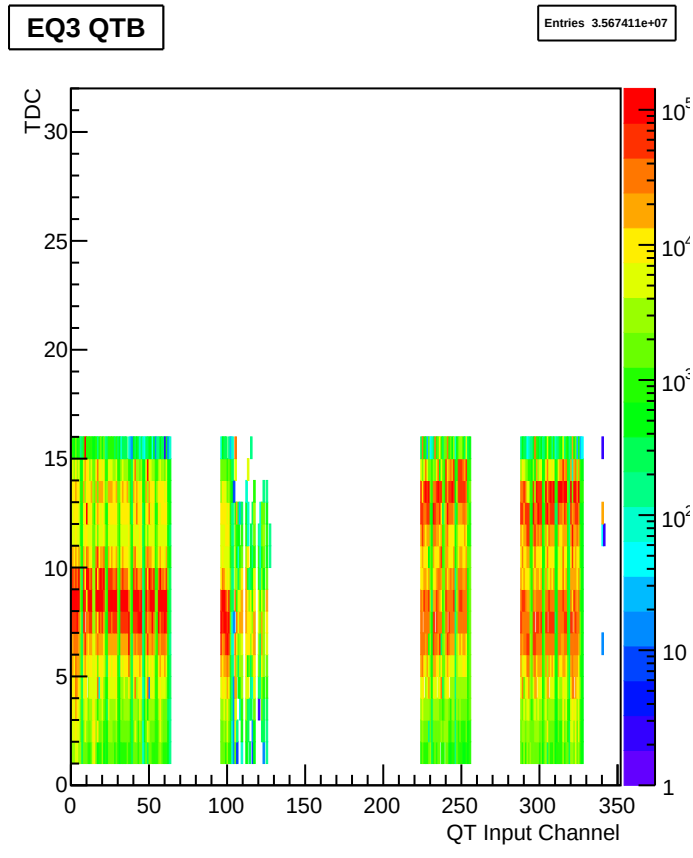

EQ2 QTB
Entries 1.299712e+08
ADC
QT Input Channel

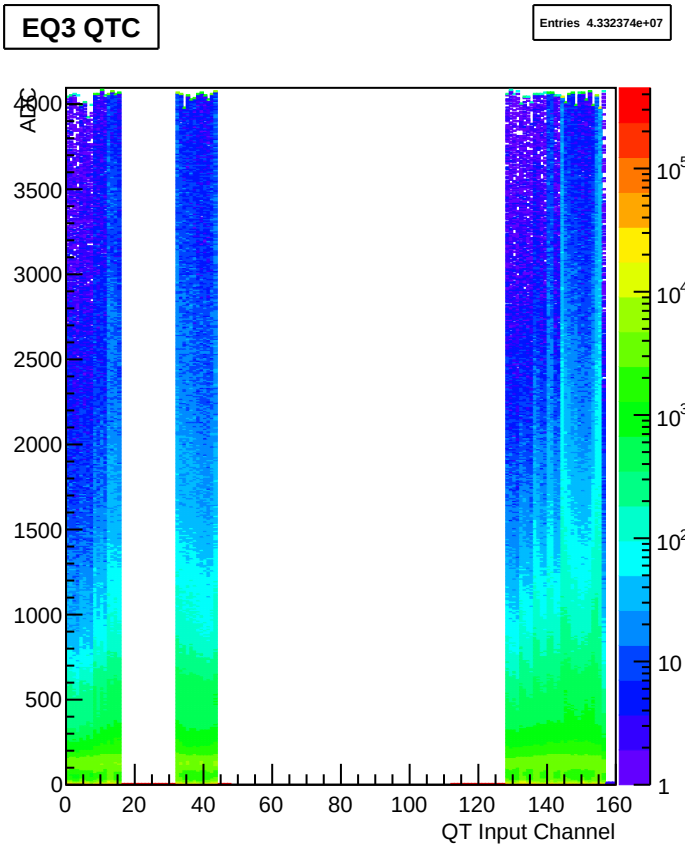

EQ2 QTB
Entries 4.504279e+07
TDC
QT Input Channel

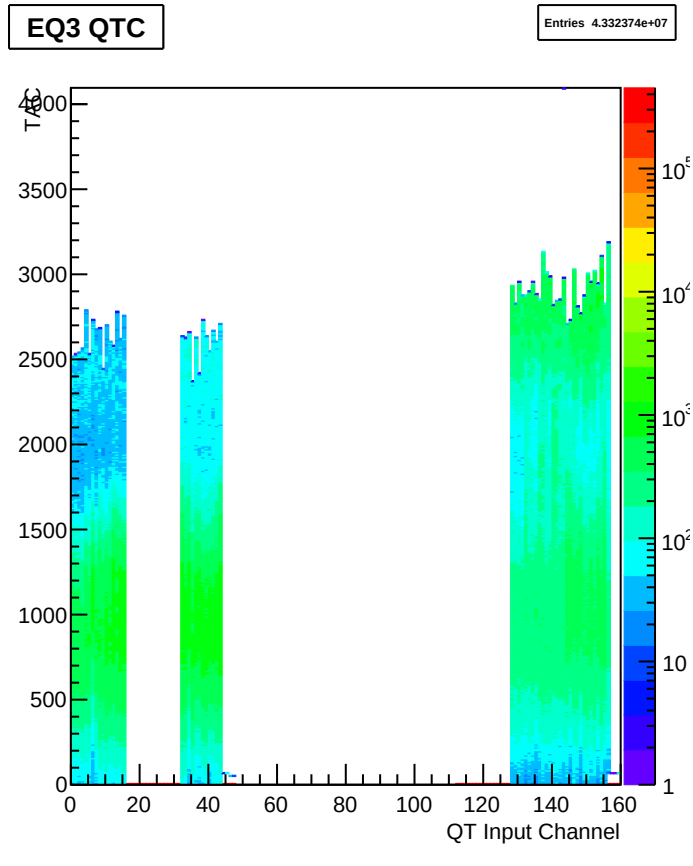

EQ2 QTC
Entries 4.332374e+07
ADC
QT Input Channel

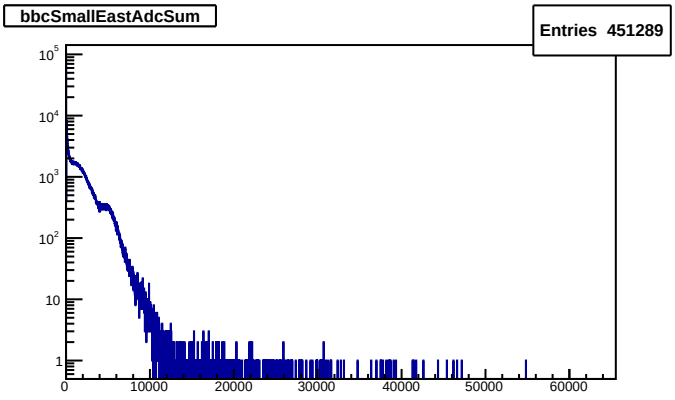

EQ2 QTC
Entries 4.332374e+07
TADC
QT Input Channel

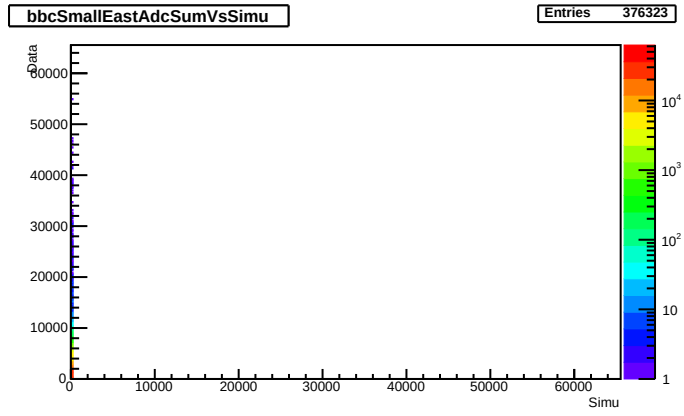

EQ3 QTB
Entries 1.1553e+08
ADC
QT Input Channel

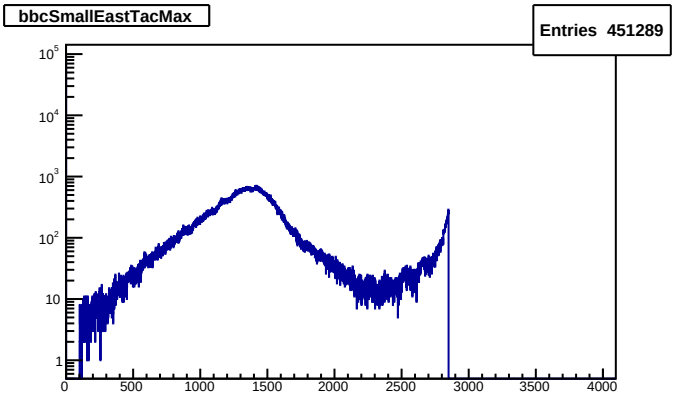

EQ3 QTB
Entries 3.567411e+07
TDC
QT Input Channel

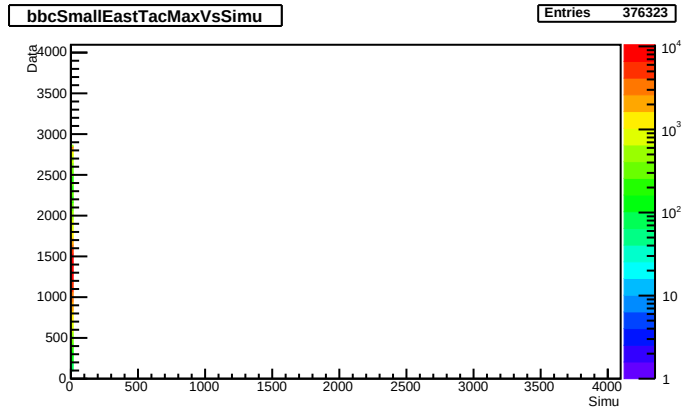

EQ3 QTC
Entries 4.332374e+07
ADC
QT Input Channel

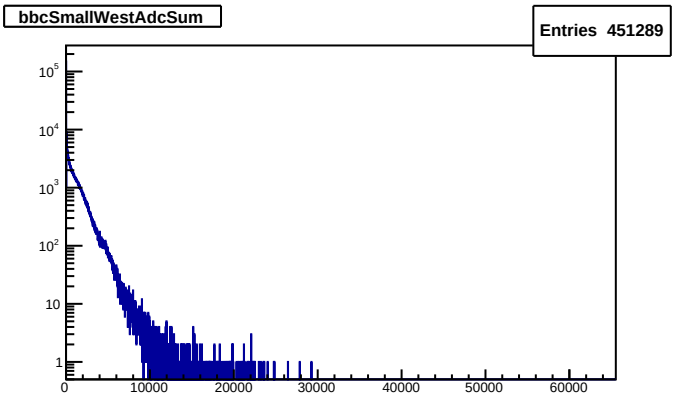

EQ3 QTC
Entries 4.332374e+07
TADC
QT Input Channel

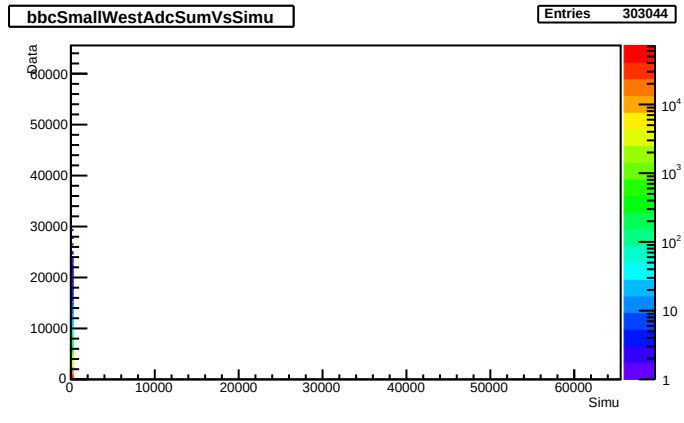

bbcSmallEastAdcSum
Entries 451289


bbcSmallEastAdcSumVsSimu
Entries 376323
Data
Simu


bbcSmallEastTacMax
Entries 451289


bbcSmallEastTacMaxVsSimu
Entries 376323
Data
Simu


bbcSmallWestAdcSum
Entries 451289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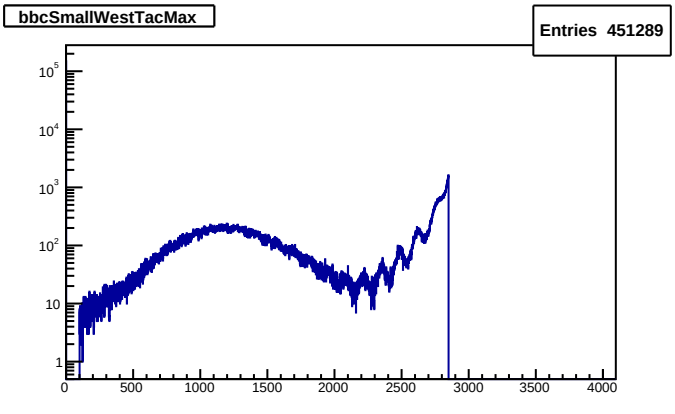
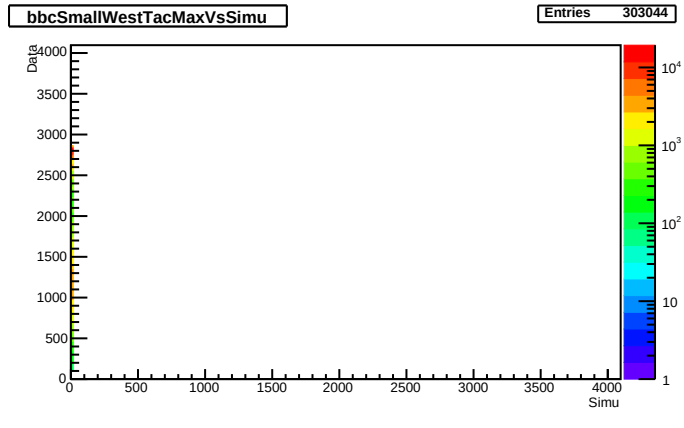
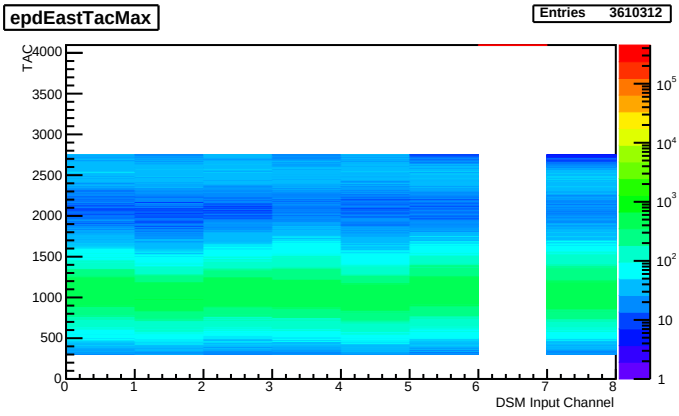
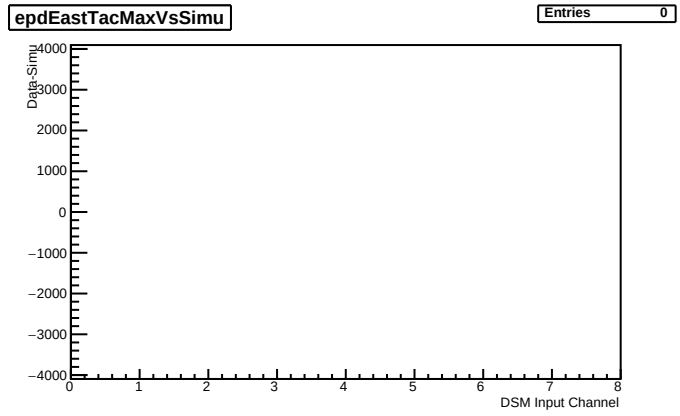
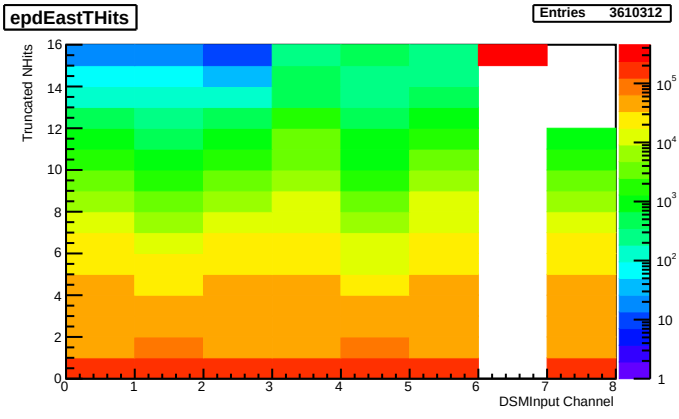
Entries 303044
Data
Simu

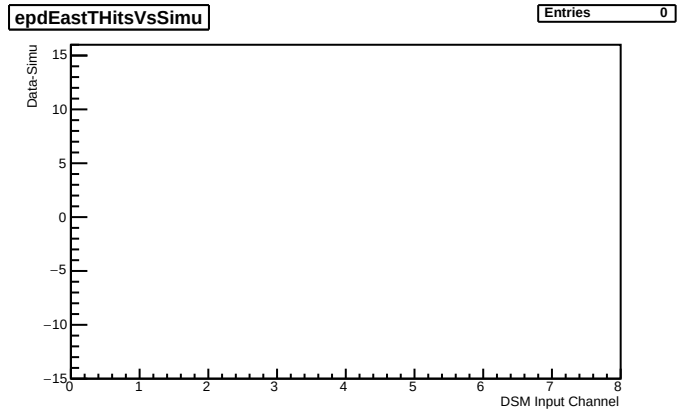

bbcSmallWestTacMax
Entries 451289

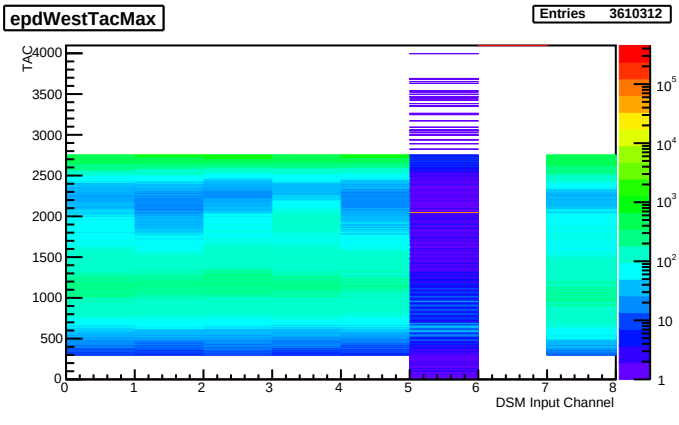

bbcSmallWestTacMaxVsSimu
Entries 303044
Data
Simu

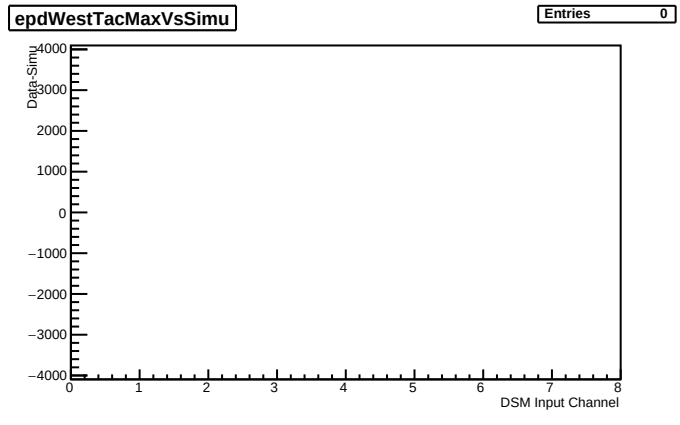

epdEastTacMax
Entries 3610312
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3610312
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3610312
TAC
DSM Input Channel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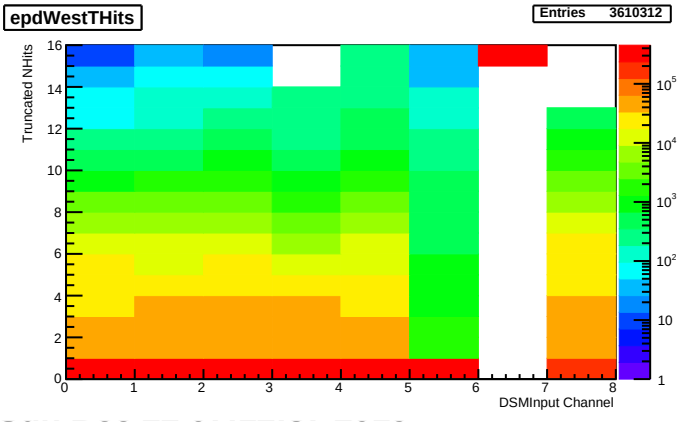
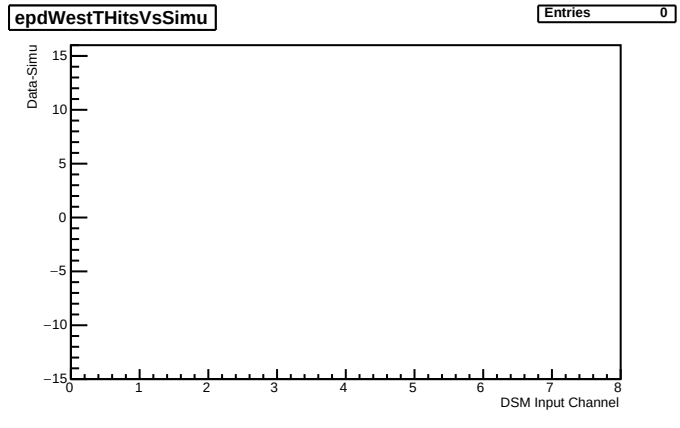
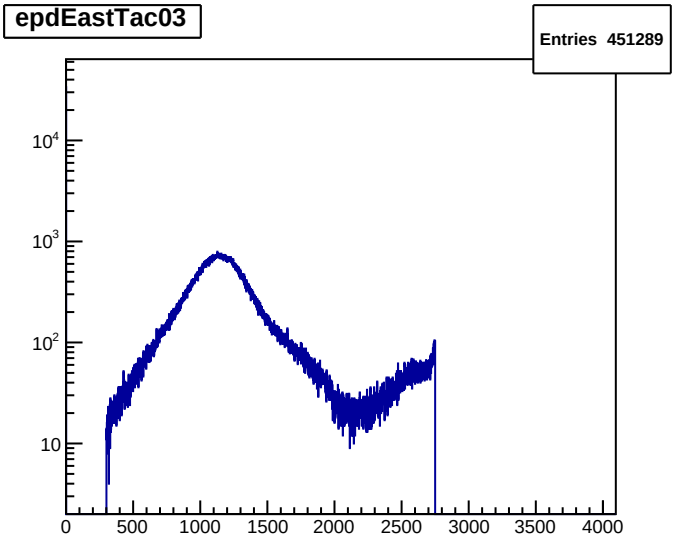
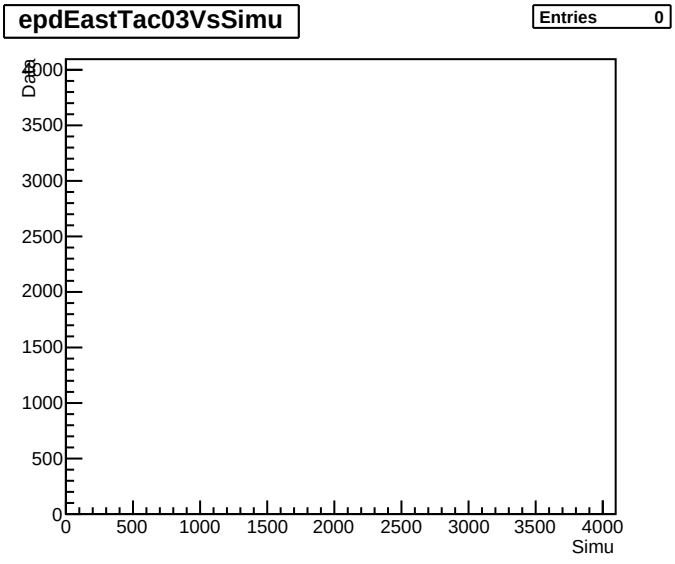
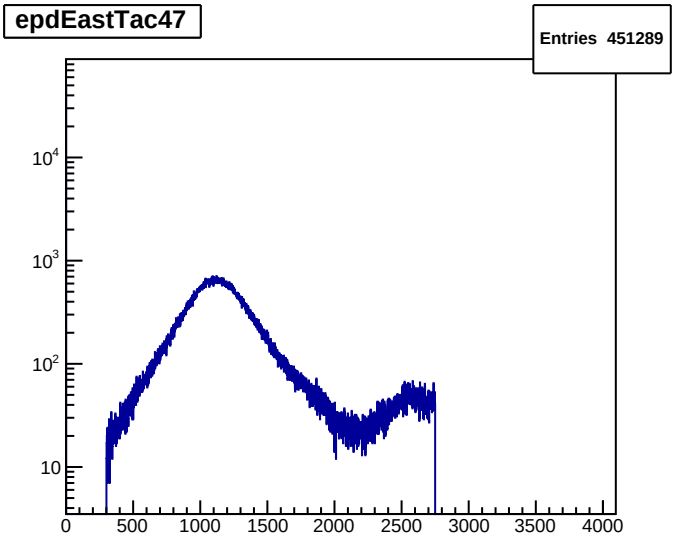
Entries 0
Data-Simu
DSM Input Channel

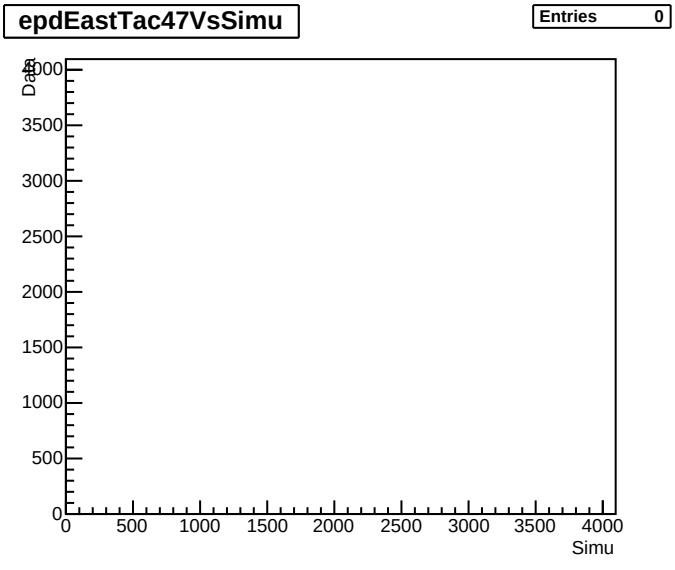

epdWestTHits
Entries 3610312
Truncated NHits
DSMInput Channel

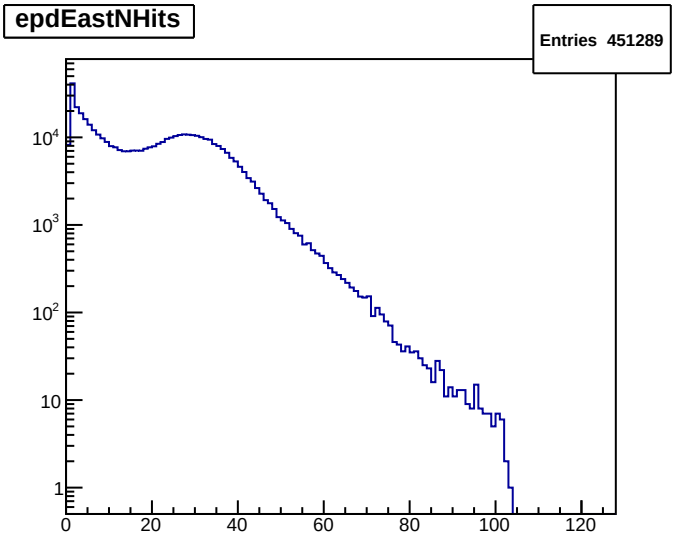

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

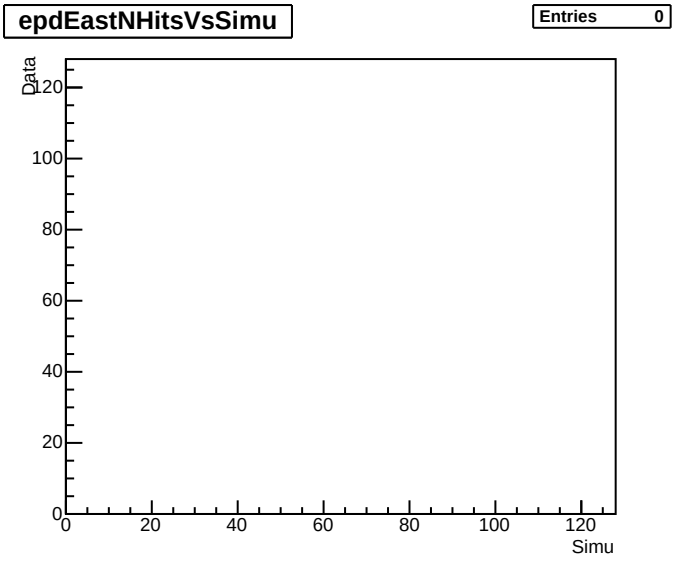

epdEastTac03
Entries 451289

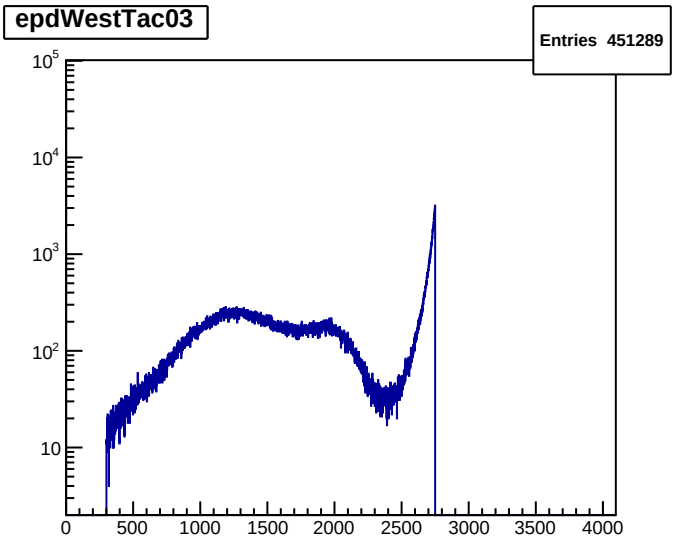

epdEastTac03VsSimu
Entries 0
Data
Simu

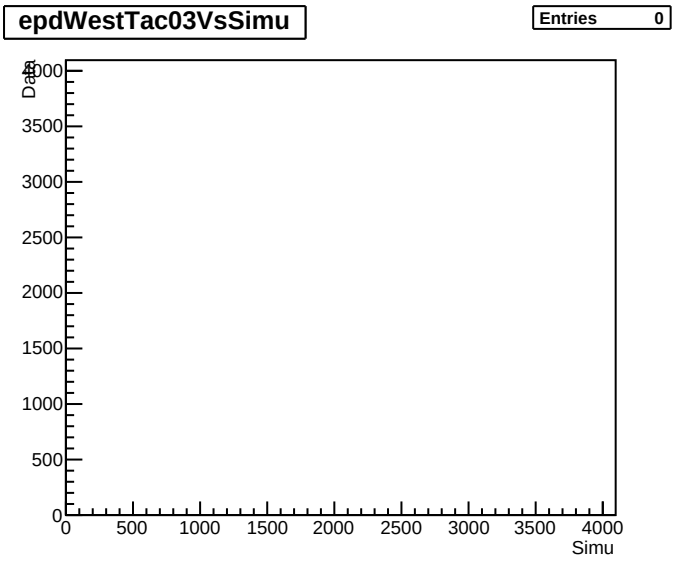

epdEastTac47
Entries 451289

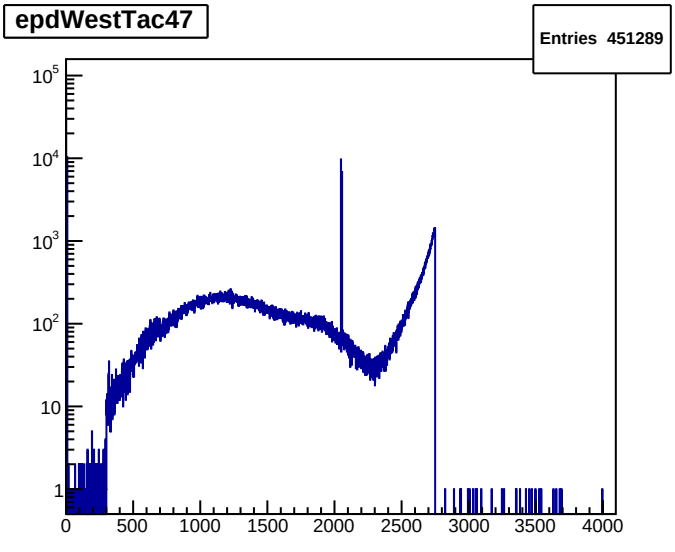

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 451289


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 451289


epdWestTac03VsSimu
Entries 0
Data
Simu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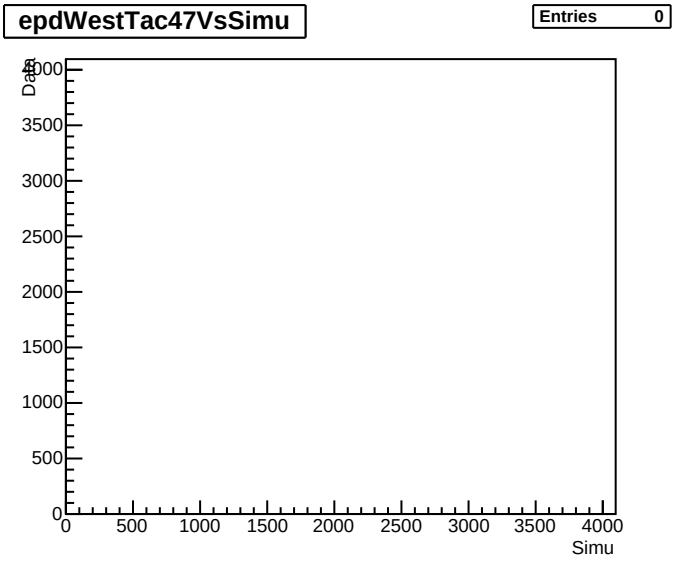
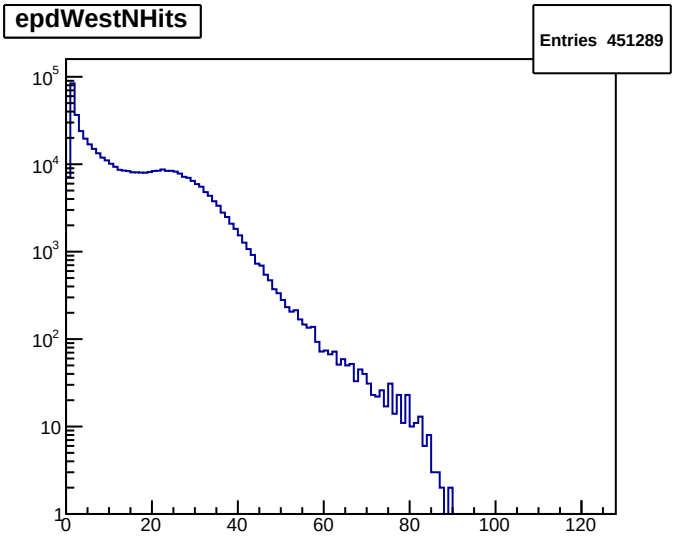
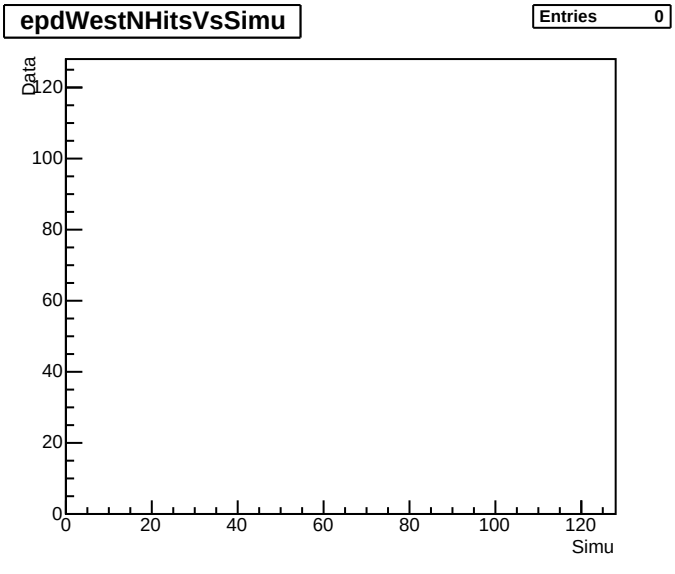
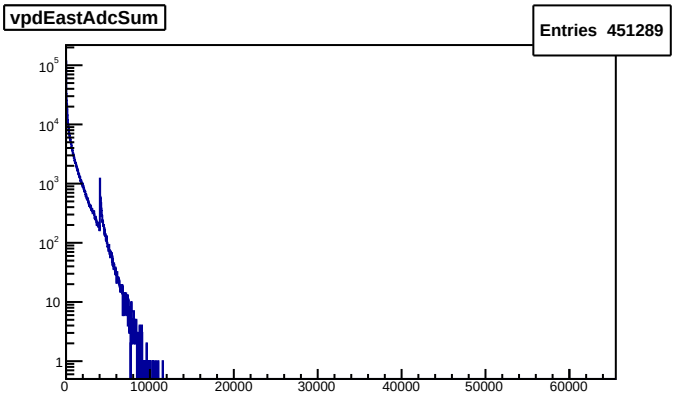
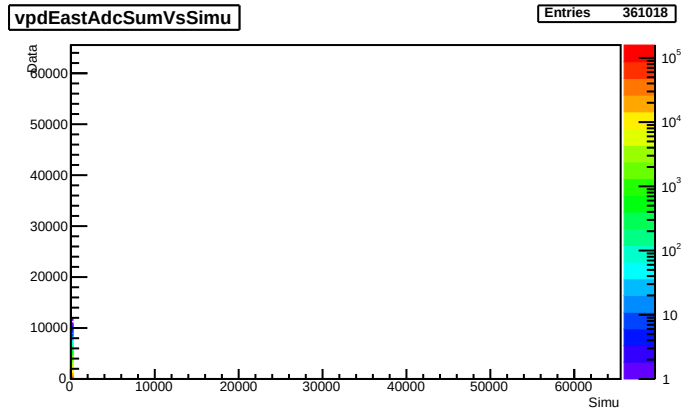
Entries 451289

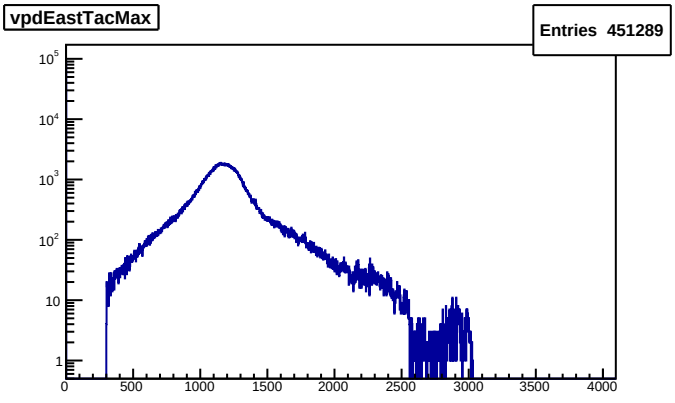

epdWestTac47VsSimu
Entries 0
Data
Simu

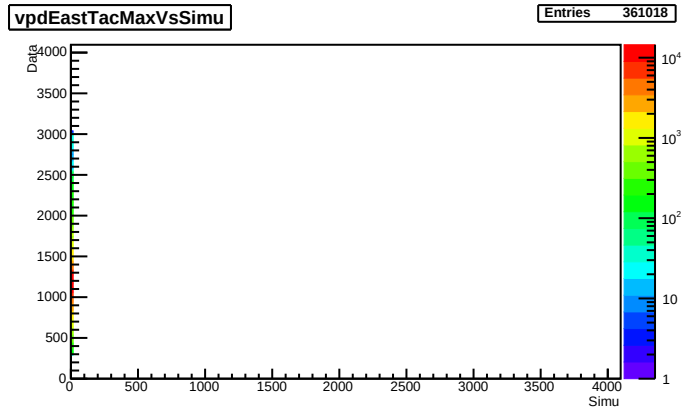

epdWestNHits
Entries 451289

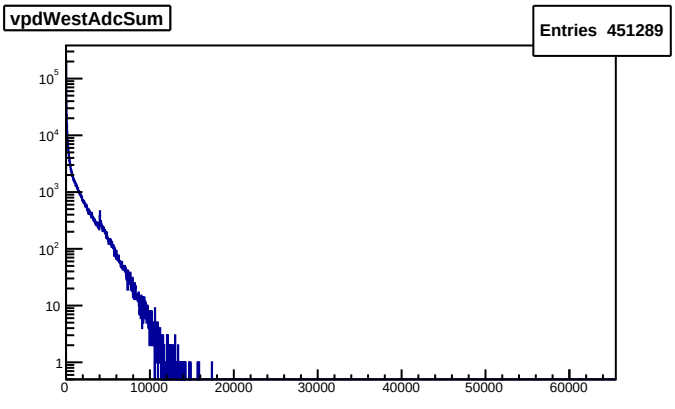

epdWestNHitsVsSimu
Entries 0
Data
Simu

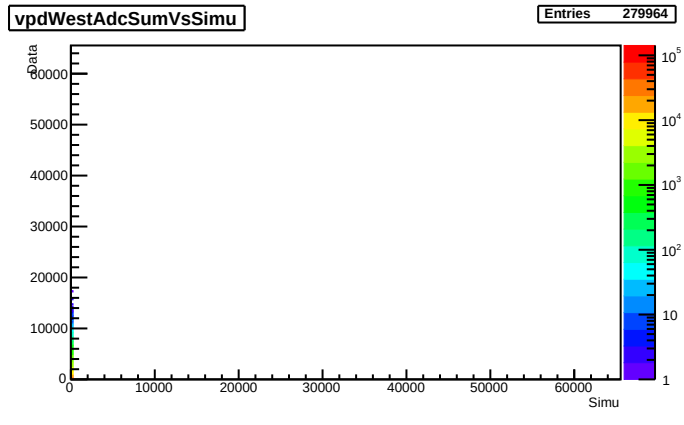

vpdEastAdcSum
Entries 451289

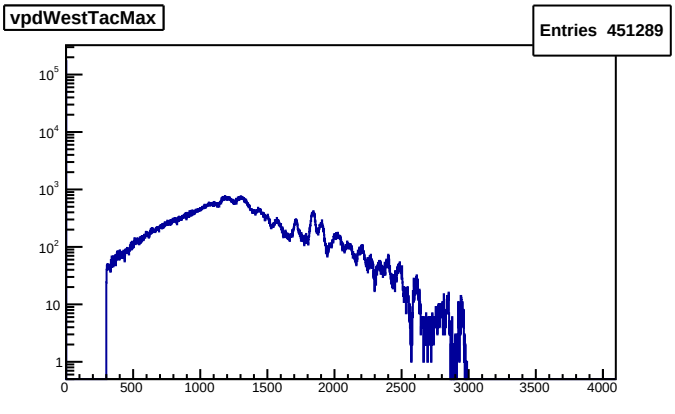

vpdEastAdcSumVsSimu
Entries 361018
Data
Simu

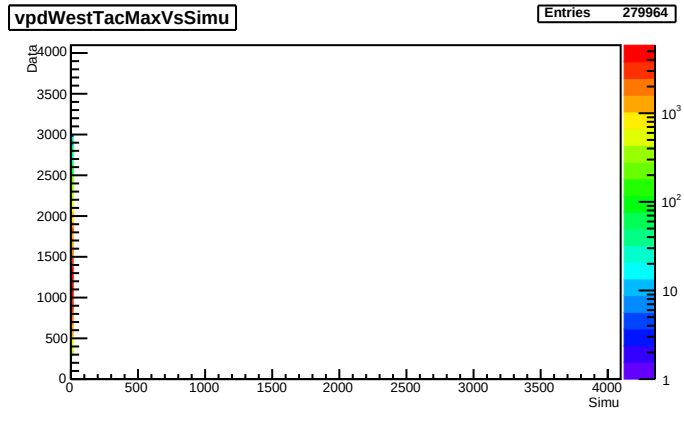

vpdEastTacMax
Entries 451289

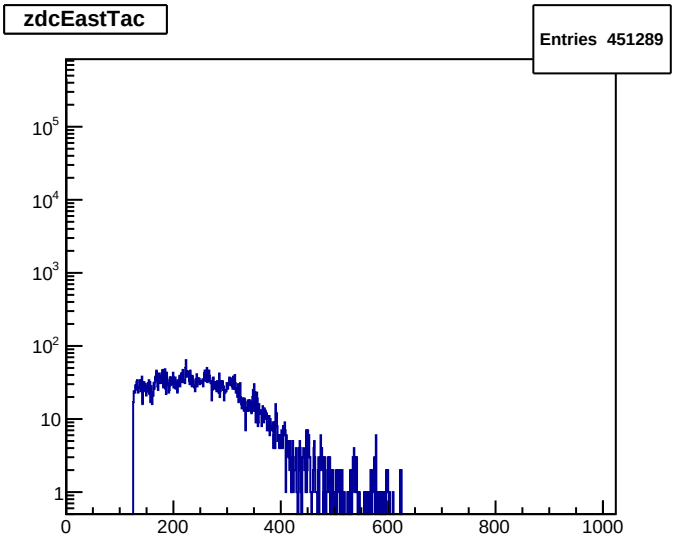

vpdEastTacMaxVsSimu
Entries 361018
Data
Simu

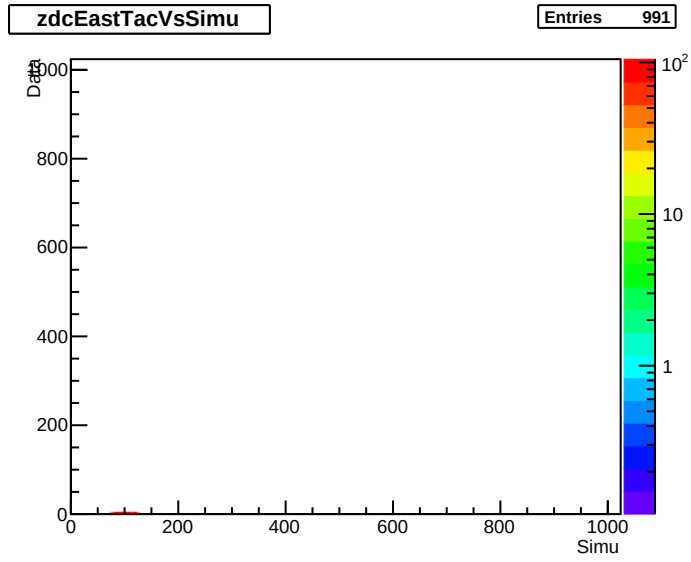

vpdWestAdcSum
Entries 451289

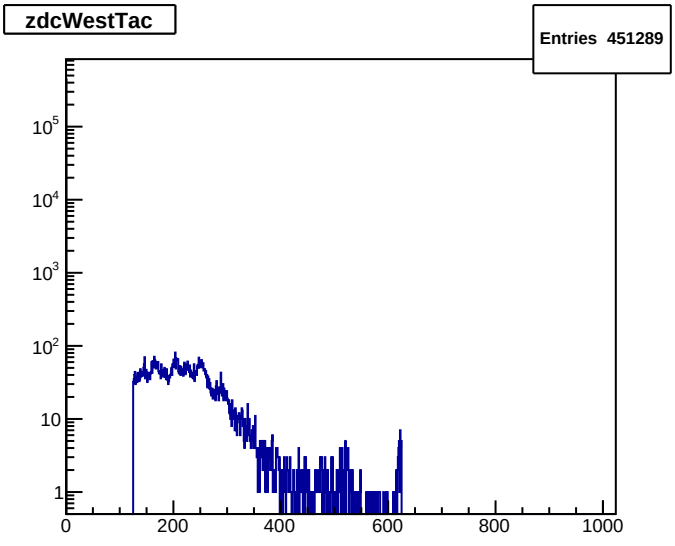

vpdWestAdcSumVsSimu
Entries 279964
Data
Simu

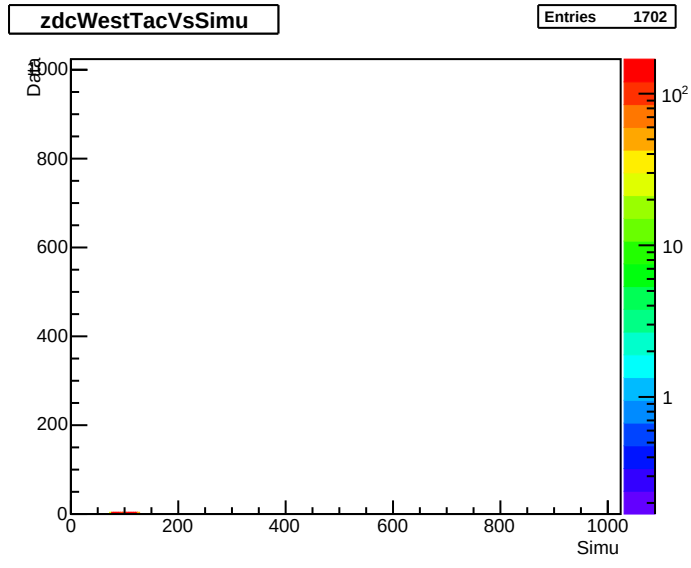

vpdWestTacMax
Entries 451289

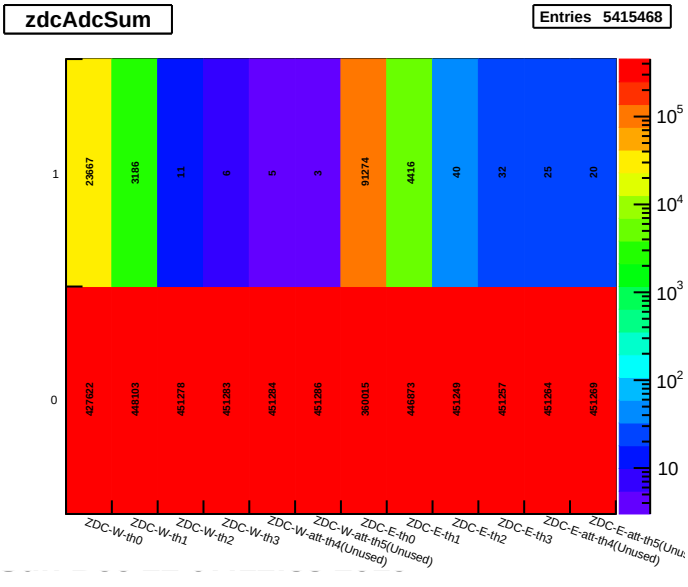

vpdWestTacMaxVsSimu
Entries 279964
Data
Simu

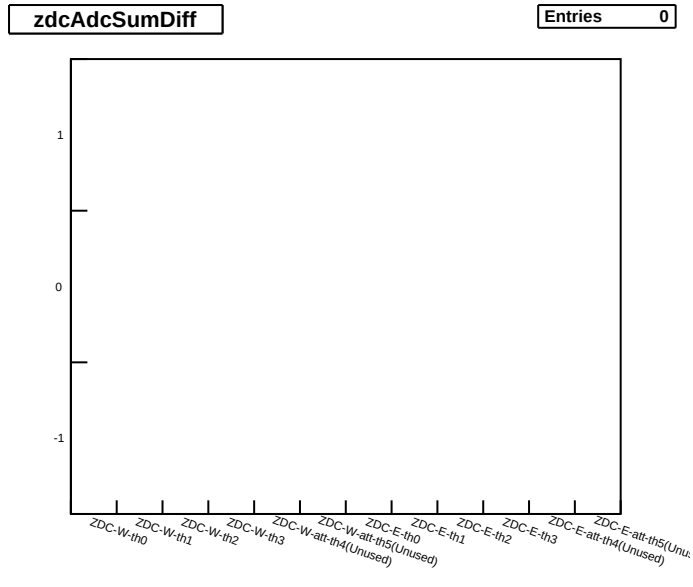

zdcEastTac
Entries 451289

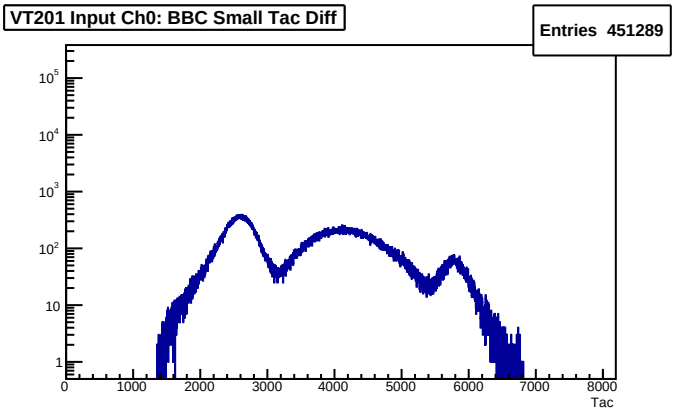

zdcEastTacVsSimu
Entries 991
Data
Simu

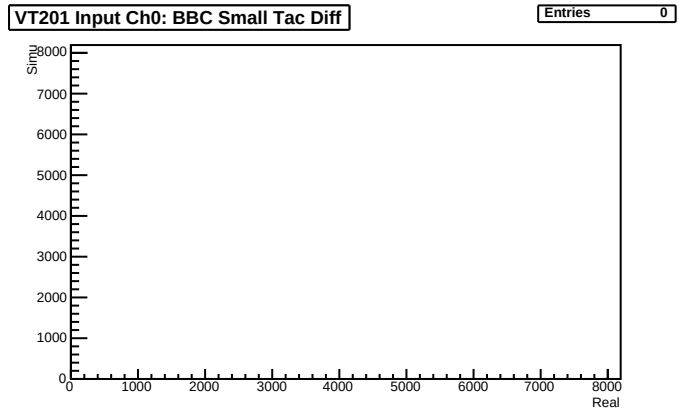

zdcWestTac
Entries 451289

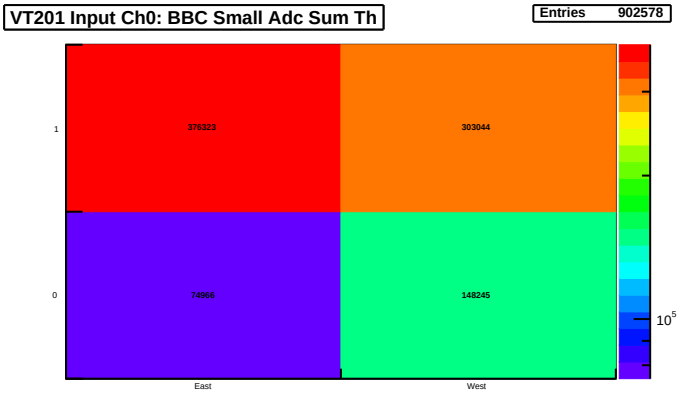

zdcWestTacVsSimu
Entries 1702
Data
Simu

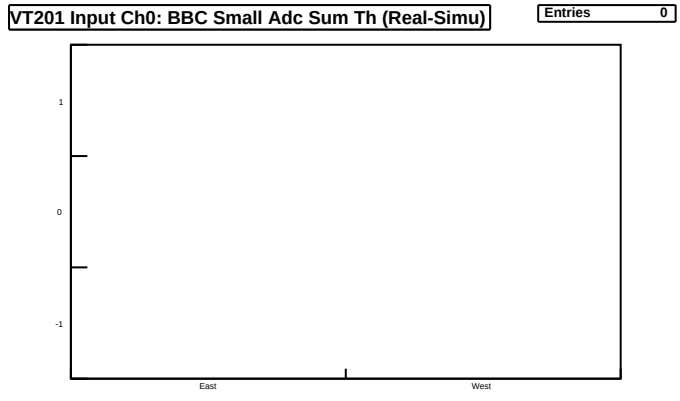

zdcAdcSum
Entries 5415468
23667
3186
11
6
5
3
91274
4416
40
32
25
20
427622
448103
451278
451283
451284
451286
360015
446873
451249
451257
451264
451289
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

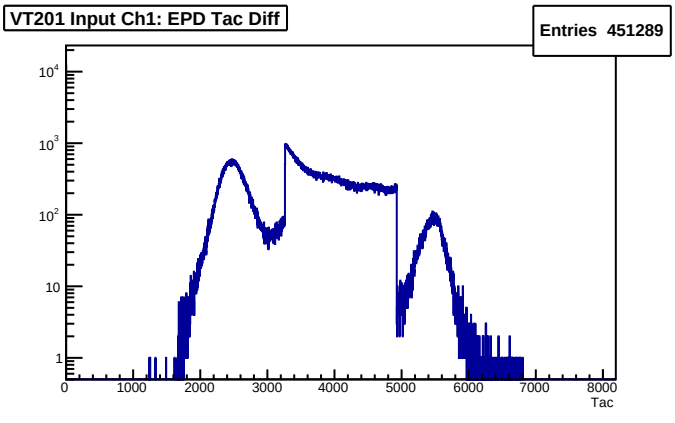

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

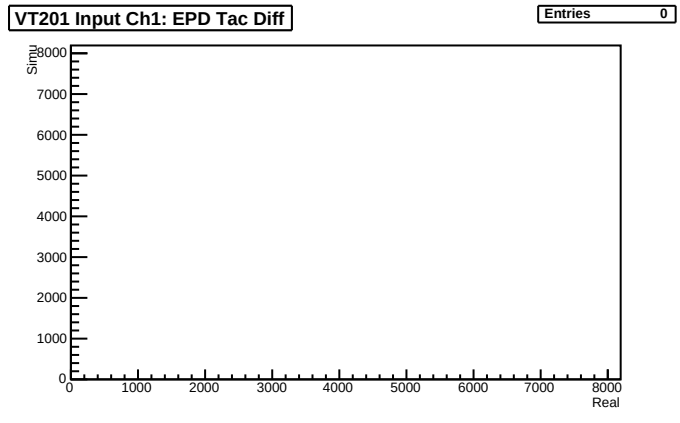

VT201 Input Ch0: BBC Small Tac Diff
Entries 451289
Tac

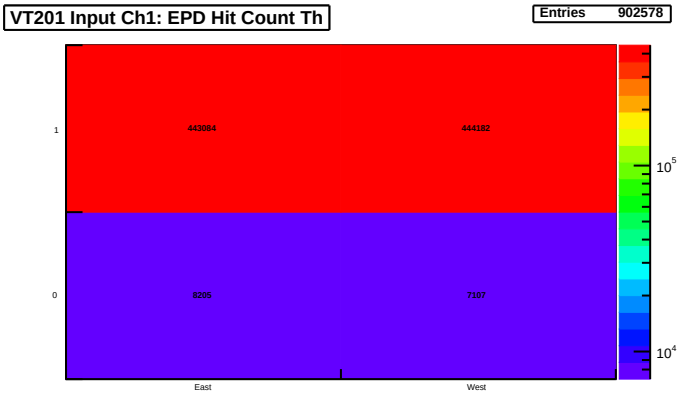

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

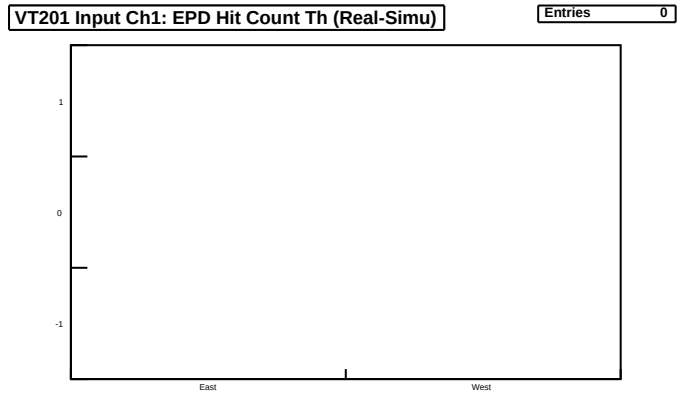

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 902578
376323
303044
74966
148245
East
West

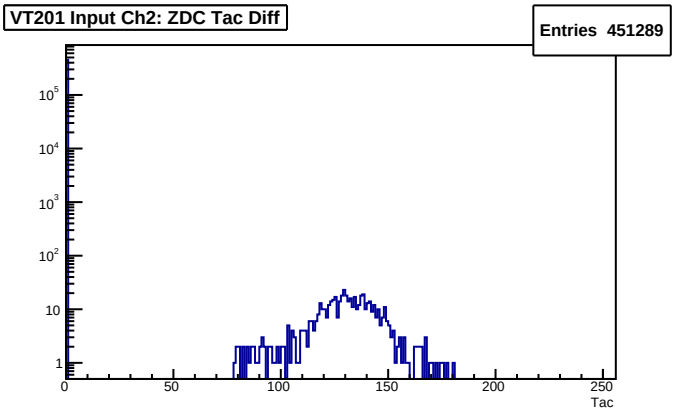

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

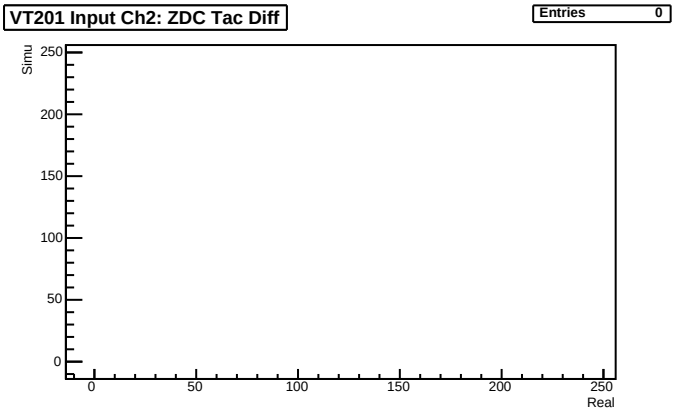

VT201 Input Ch1: EPD Tac Diff
Entries 451289
Tac

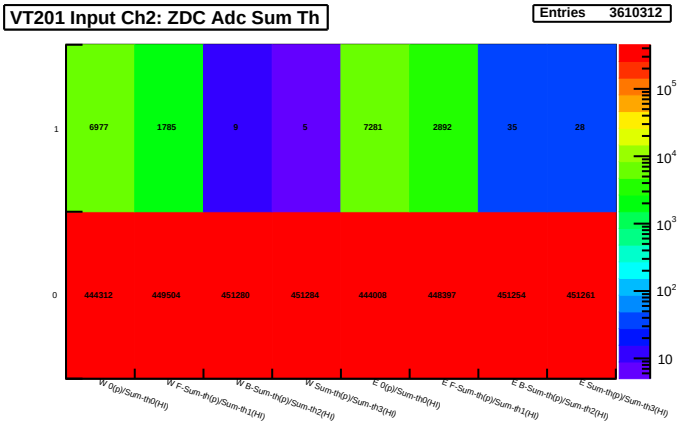

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

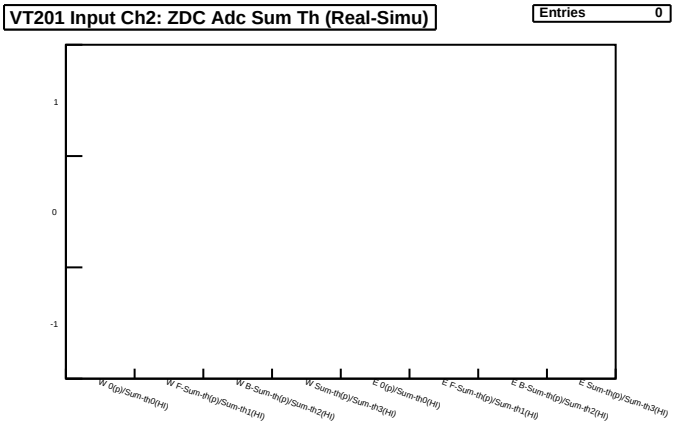

VT201 Input Ch1: EPD Hit Count Th
Entries 902578
443084
444182
8205
7107
East
West

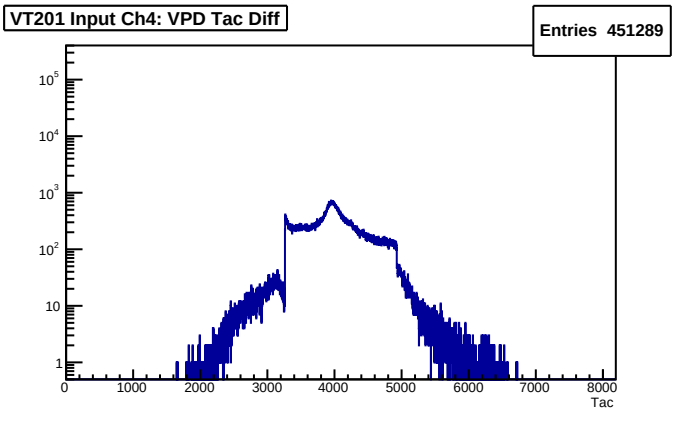

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

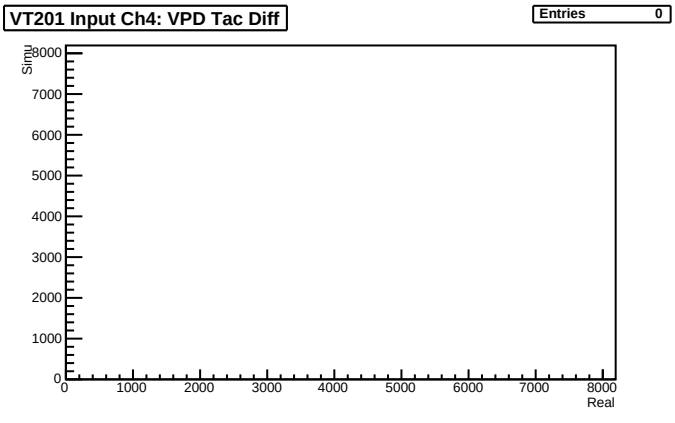

VT201 Input Ch2: ZDC Tac Diff
Entries 451289
Tac

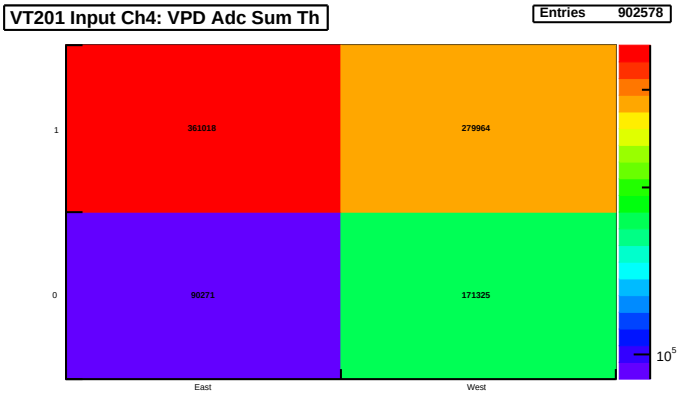

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

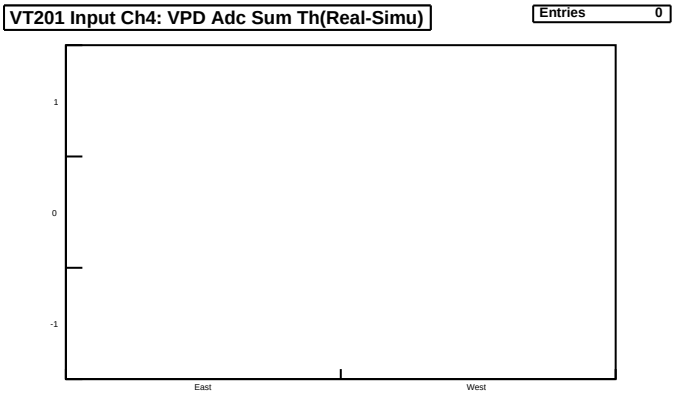

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3610312
6977
1785
9
5
7281
2892
35
28
444312
449504
451280
451284
444008
448397
451254
451261
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

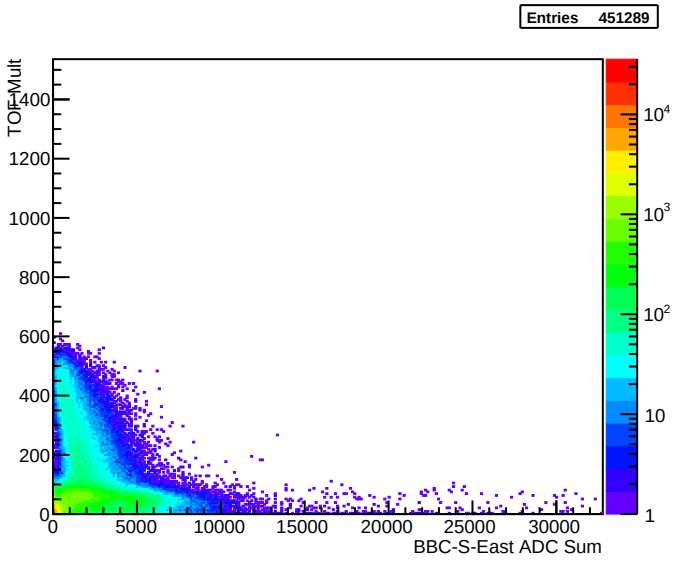

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

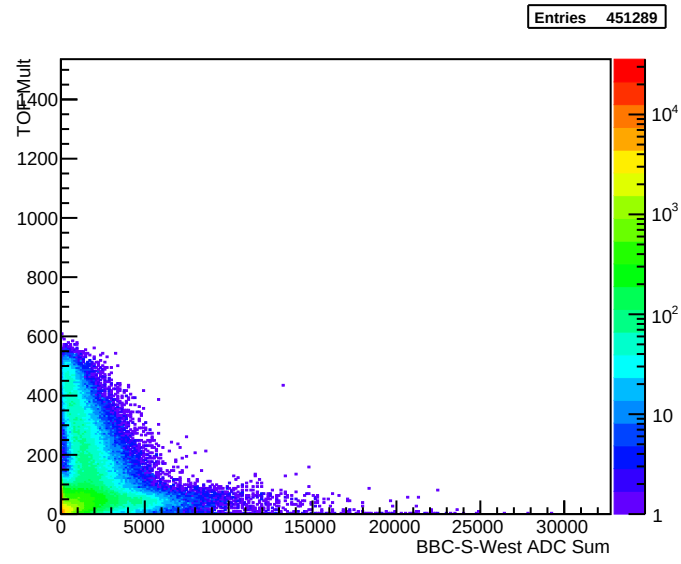

VT201 Input Ch4: VPD Tac Diff
Entries 451289
Tac

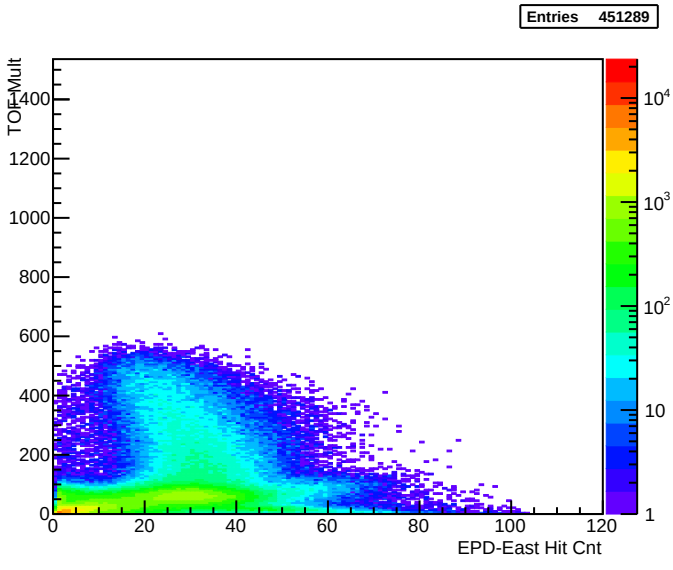

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

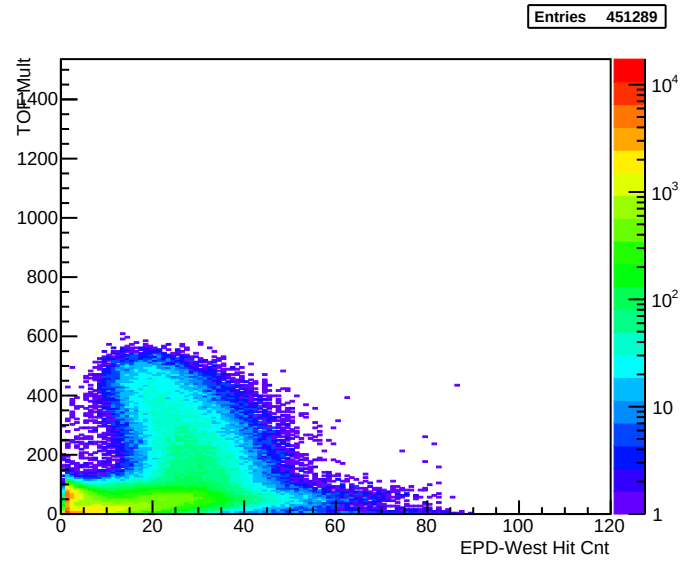

VT201 Input Ch4: VPD Adc Sum Th
Entries 902578
361018
279964
90271
171325
East
West

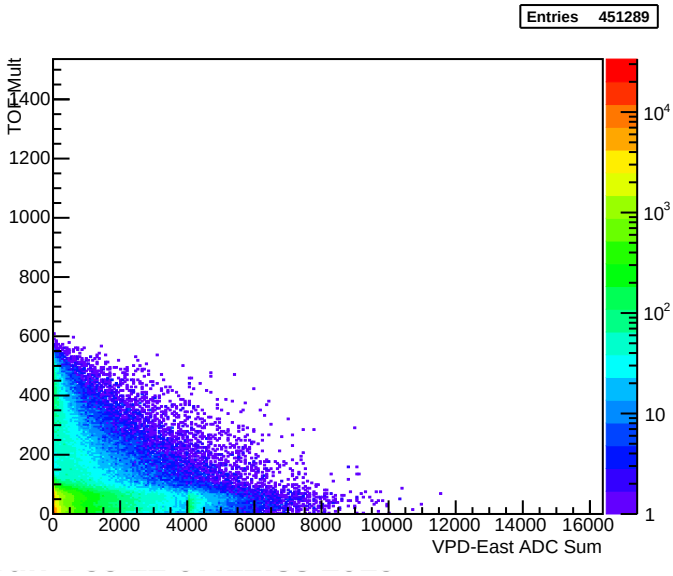

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

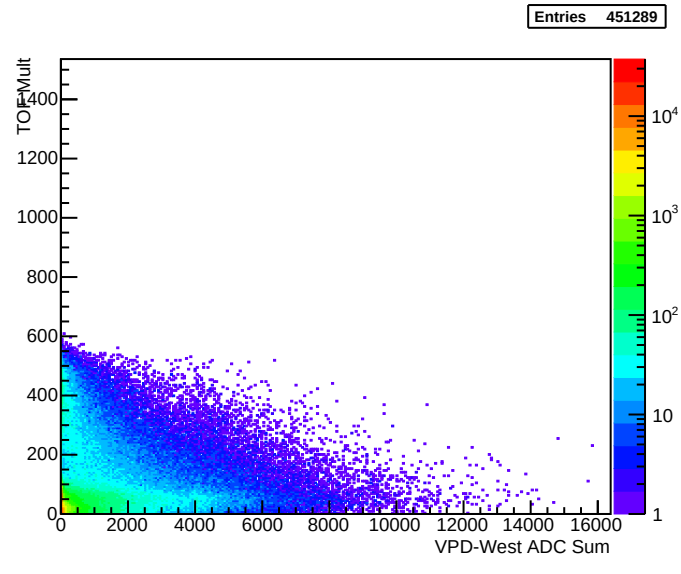

Entries 451289
TOF-Mult
BBC-S-East ADC Sum

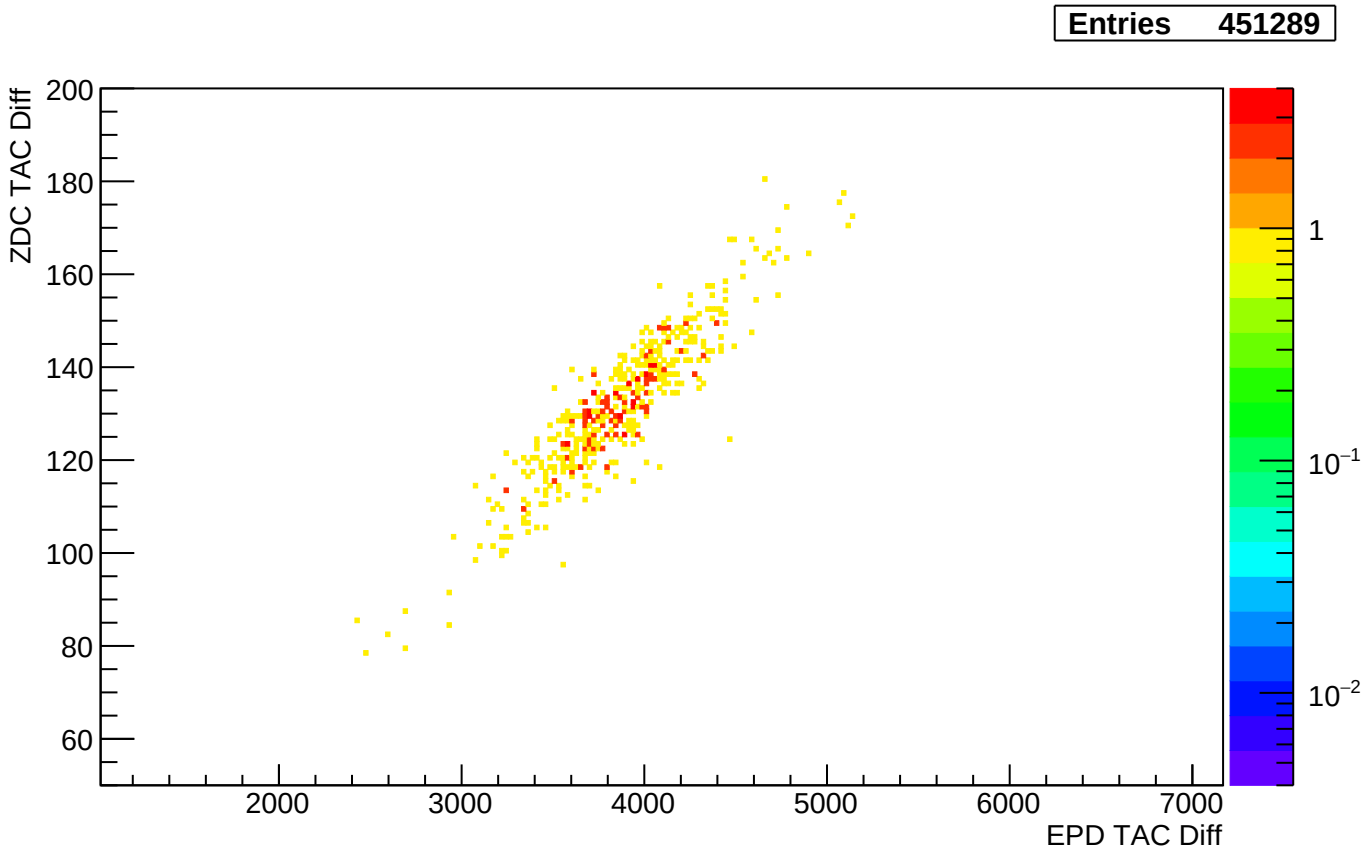

Entries 451289
TOF-Mult
BBC-S-West ADC Sum

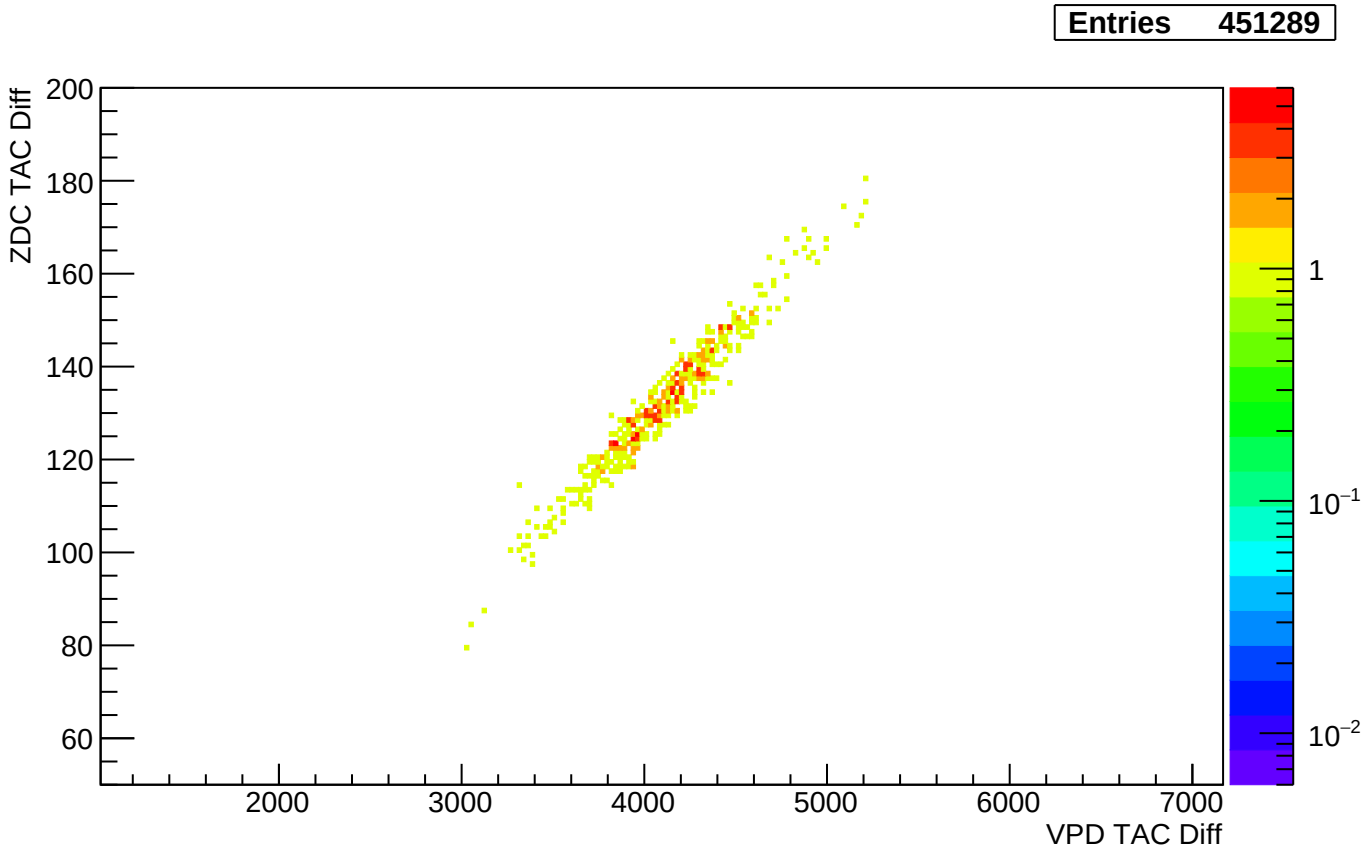

Entries 451289
TOF-Mult
EPD-East Hit Cnt

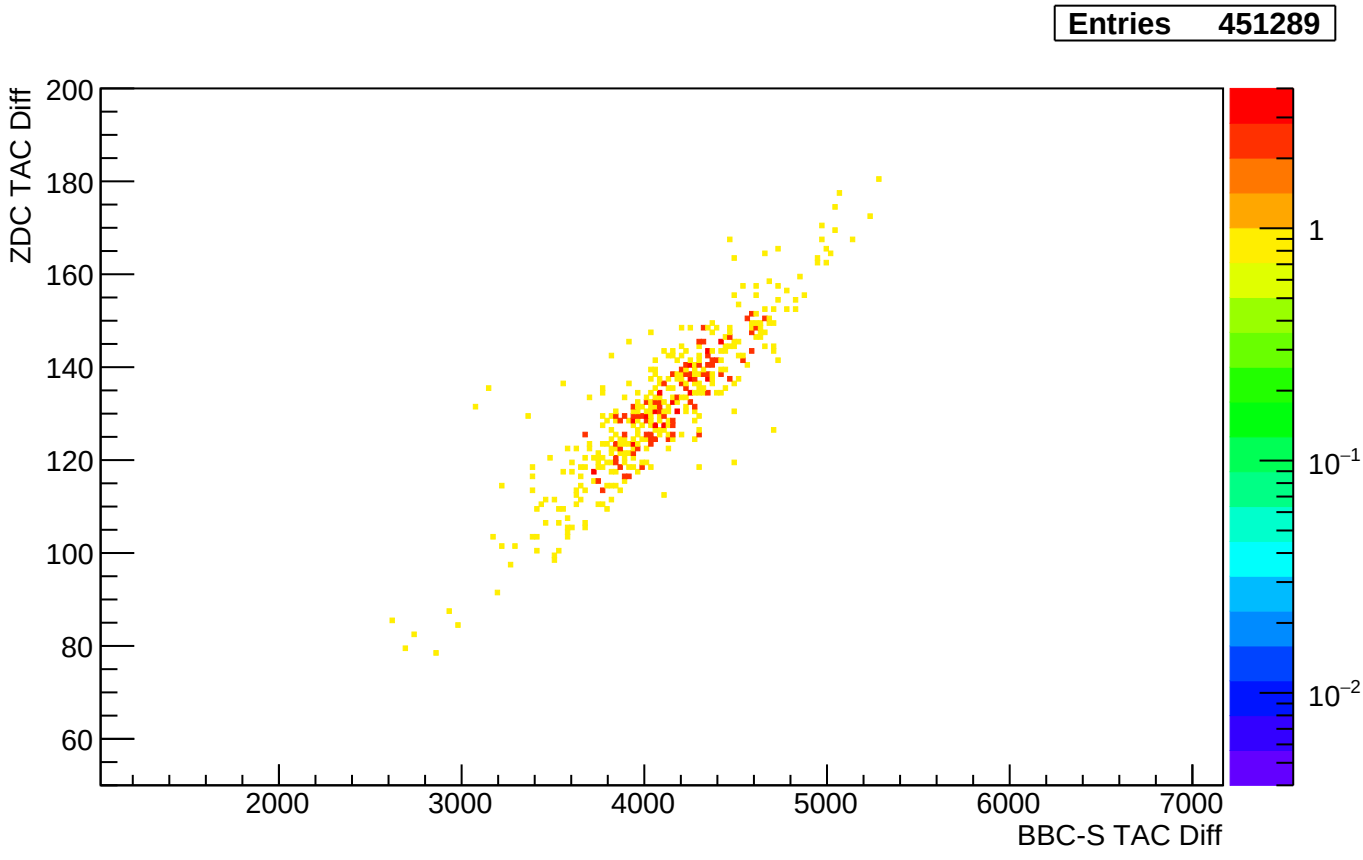

Entries 451289
TOF-Mult
EPD-West Hit Cnt

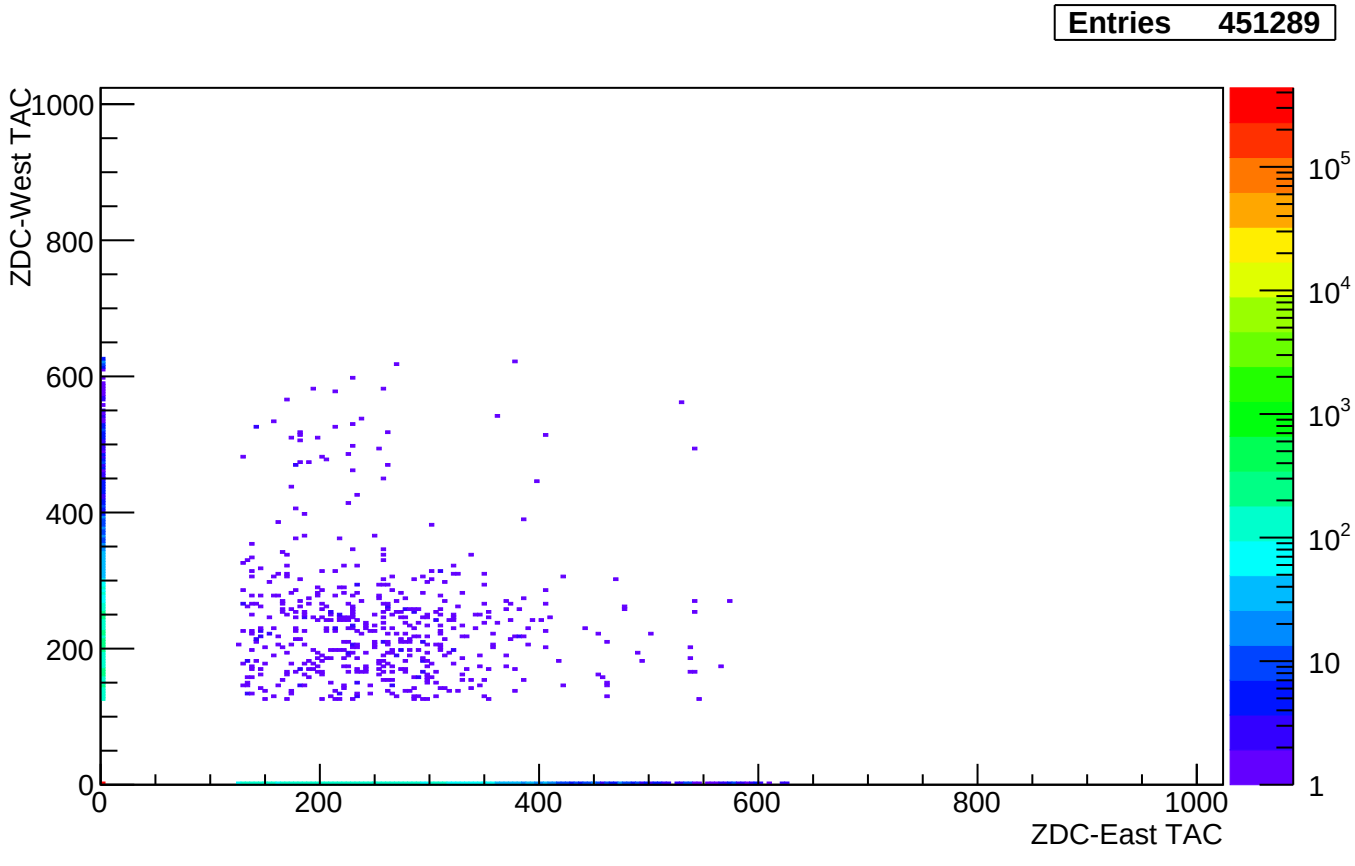

Entries 451289
TOF-Mult
VPD-East ADC Sum

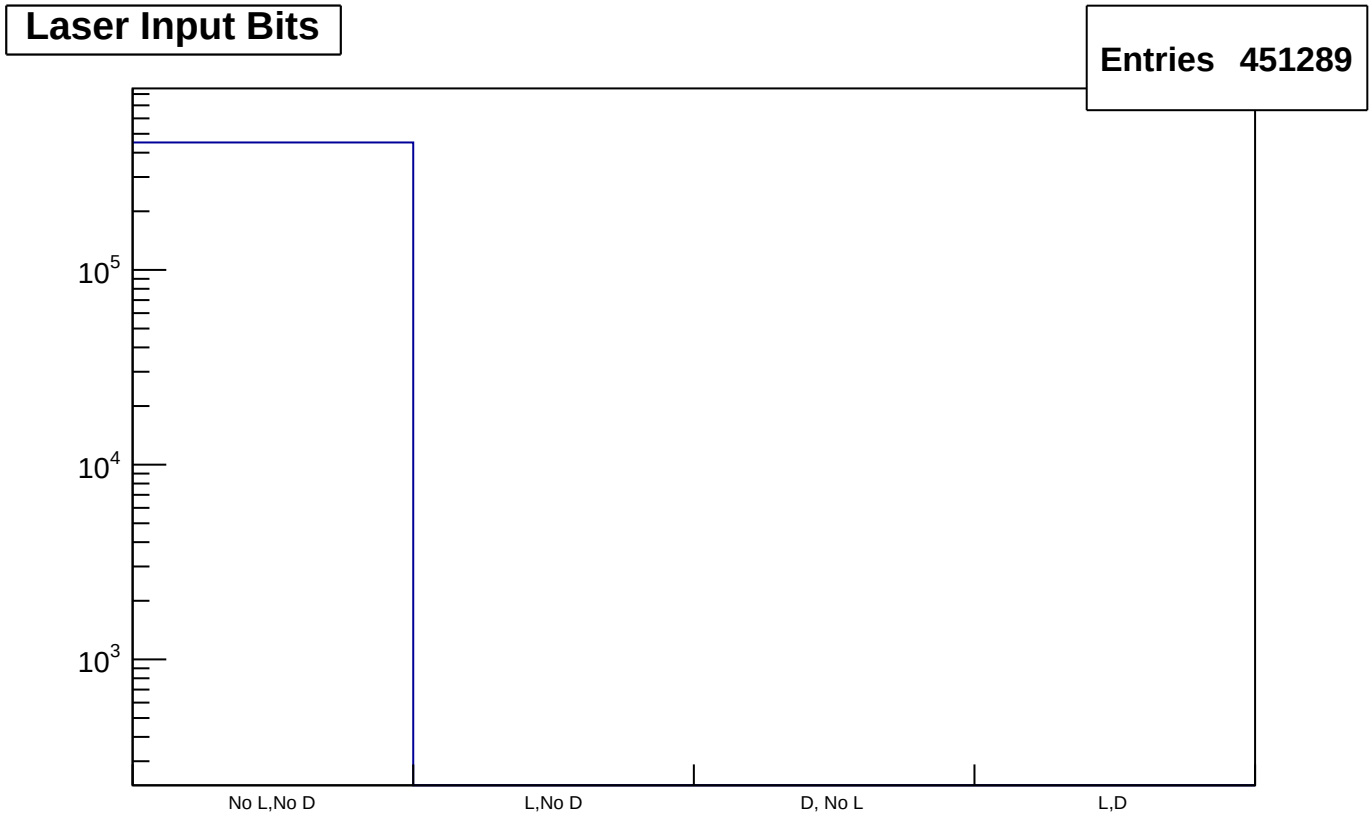

Entries 451289
TOF-Mult
VPD-West ADC Sum

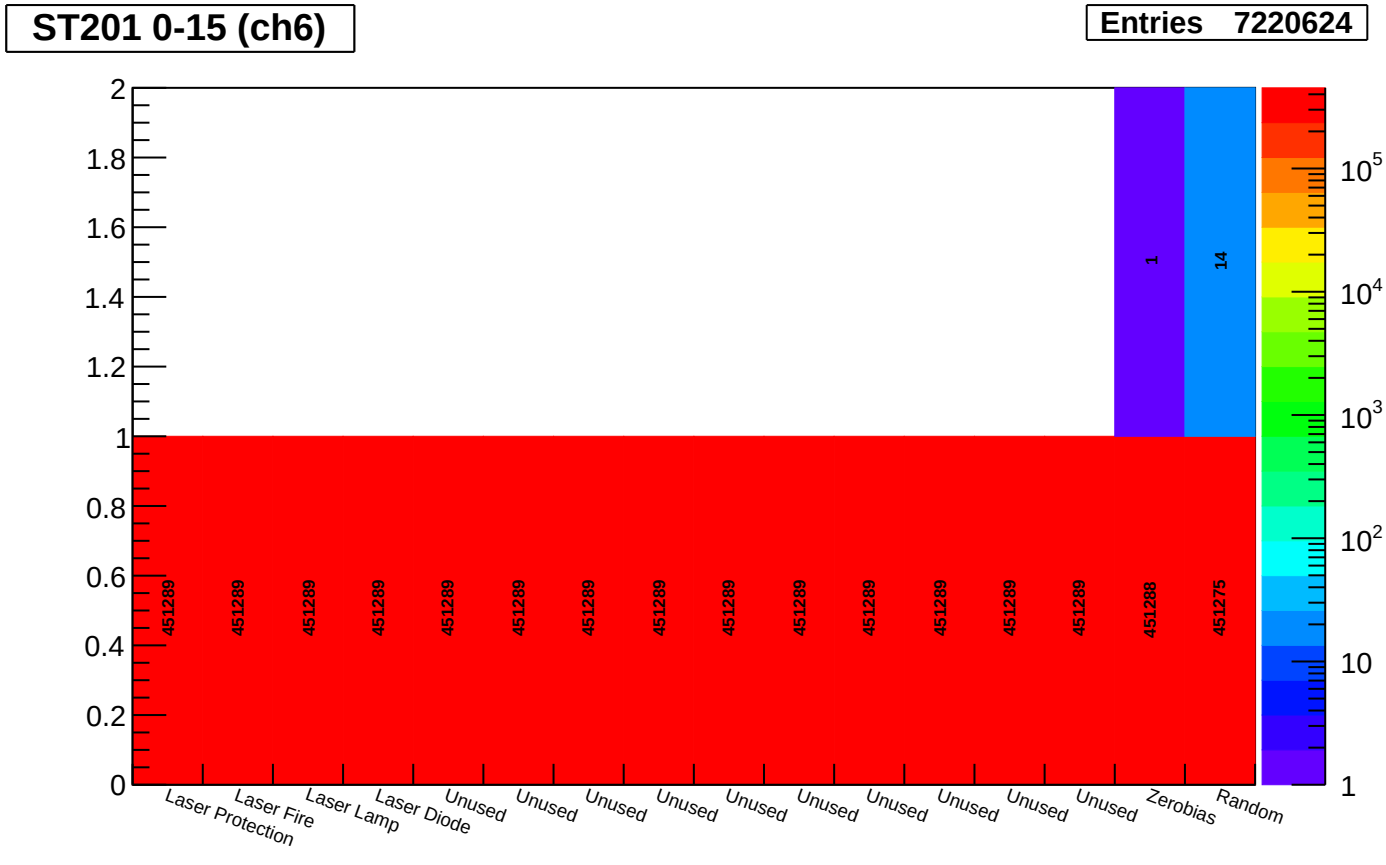

Entries 451289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

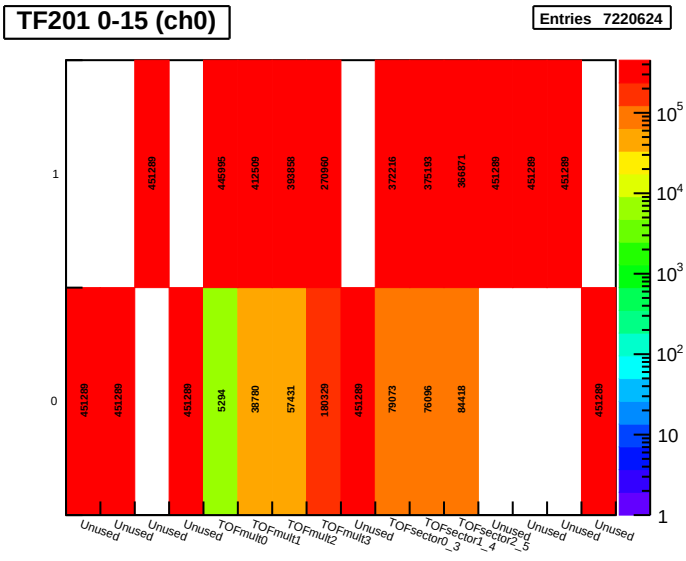

Entries 451289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

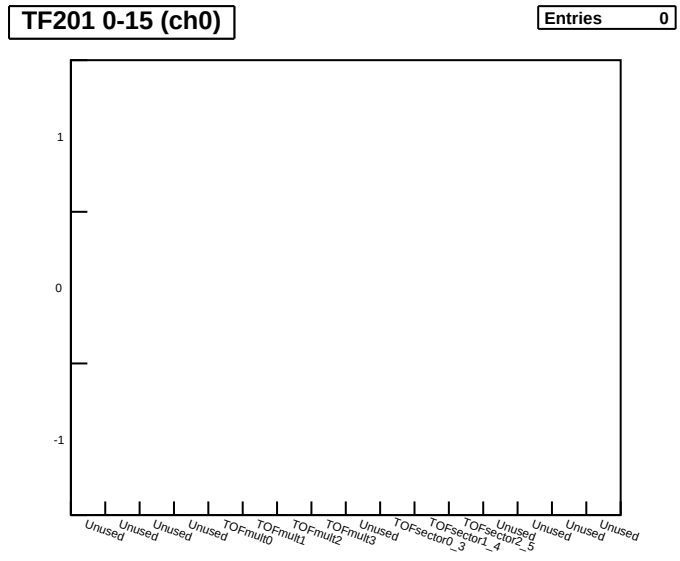

Entries 451289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

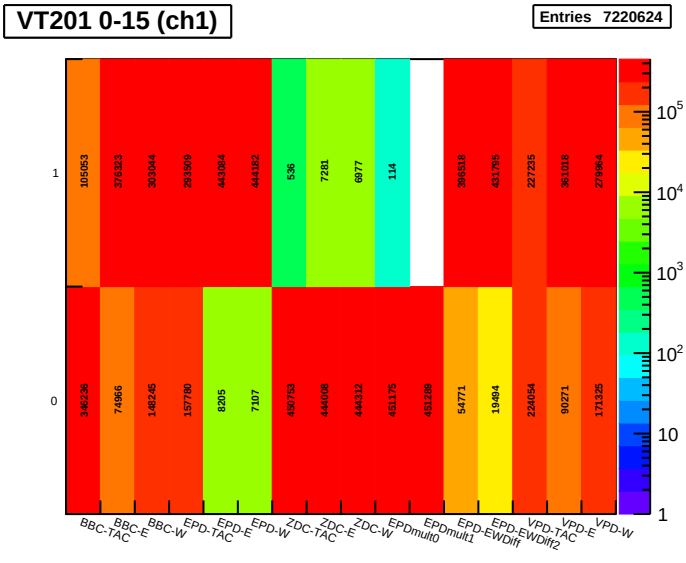

Entries 451289
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

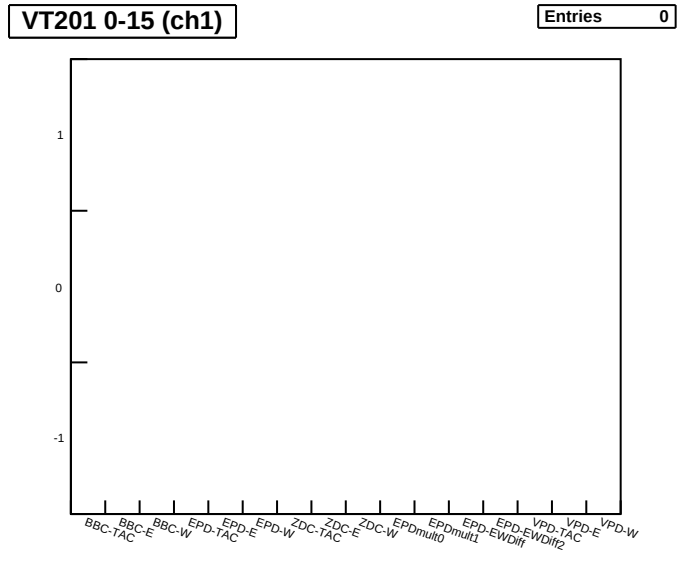

Laser Input Bits
Entries 451289
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

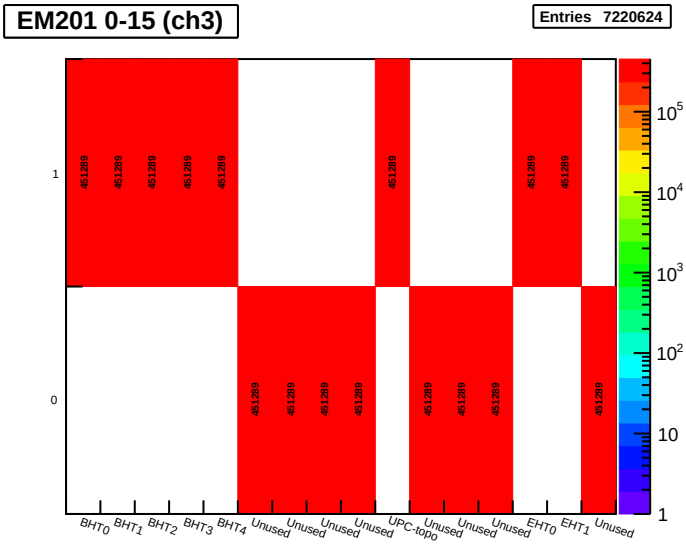

ST201 0-15 (ch6)
Entries 7220624
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
451289
451288
451275
1
14
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

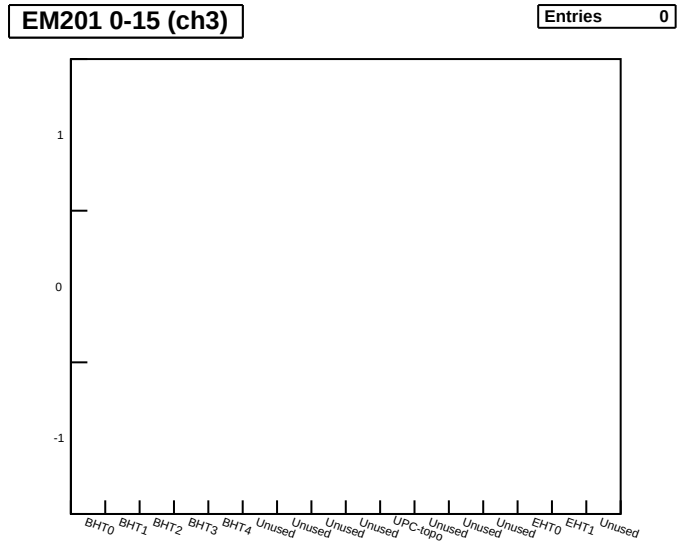

TF201 0-15 (ch0)
Entries 7220624
1
0
451289
445905
432509
383058
270960
372216
375193
366871
451289
451289
451289
451289
451289
5294
38780
57431
180329
451289
79073
76096
84418
451289
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7220624
1
0
105053
376323
303044
293509
443084
444182
536
7281
6977
114
396518
431795
227235
361018
279964
346236
74966
148245
157780
8205
7107
450753
444008
444312
451175
451289
54771
19494
224054
90271
171325
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 7220624
1
0
451289
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1