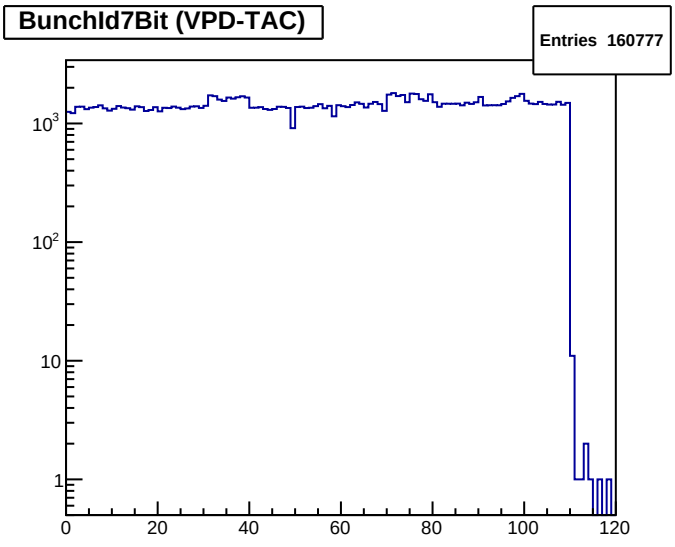
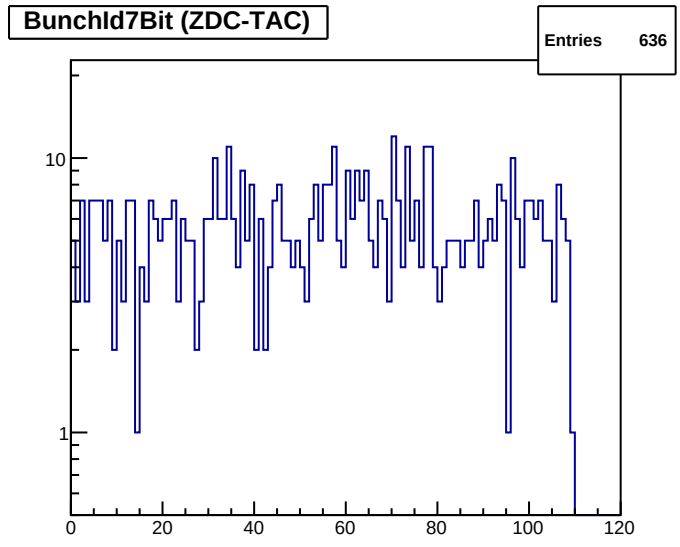
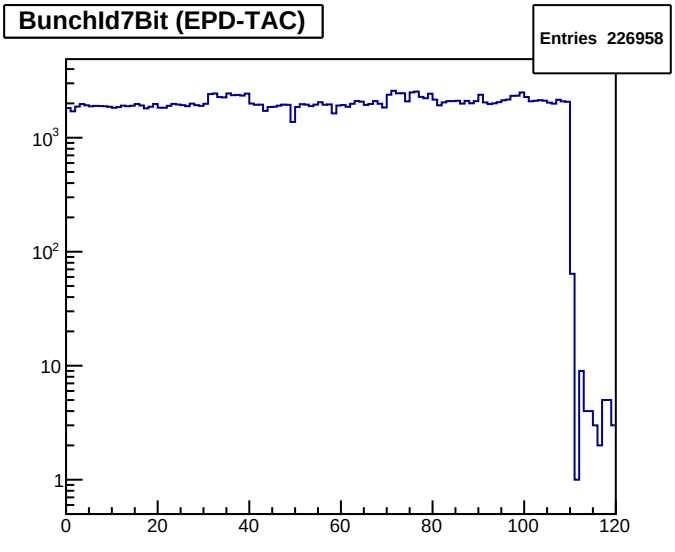
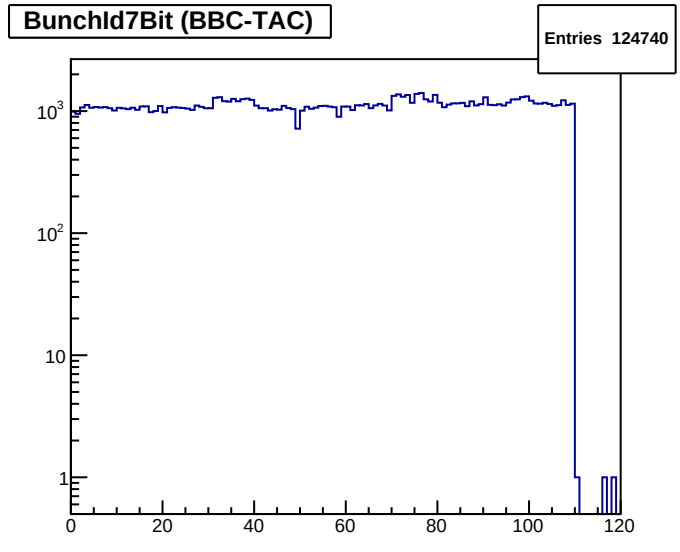
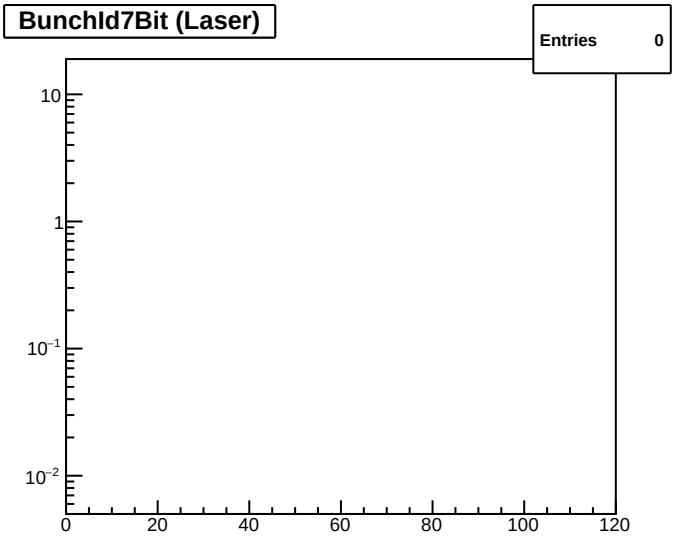
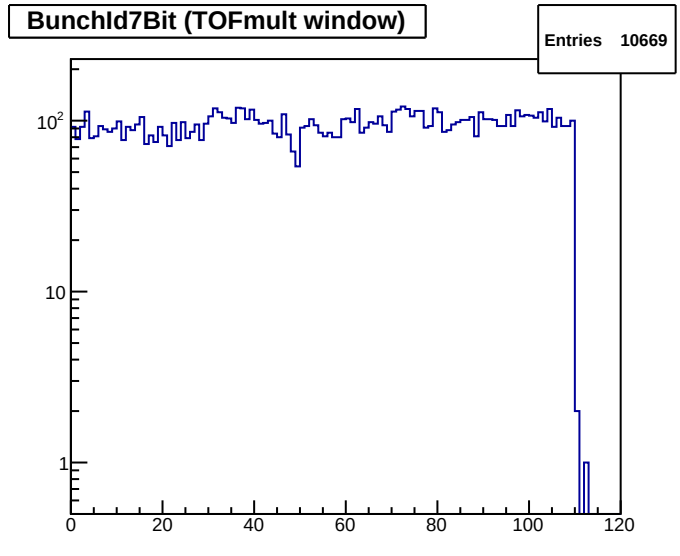

BunchId7Bit (VPD-TAC)
Entries 160777

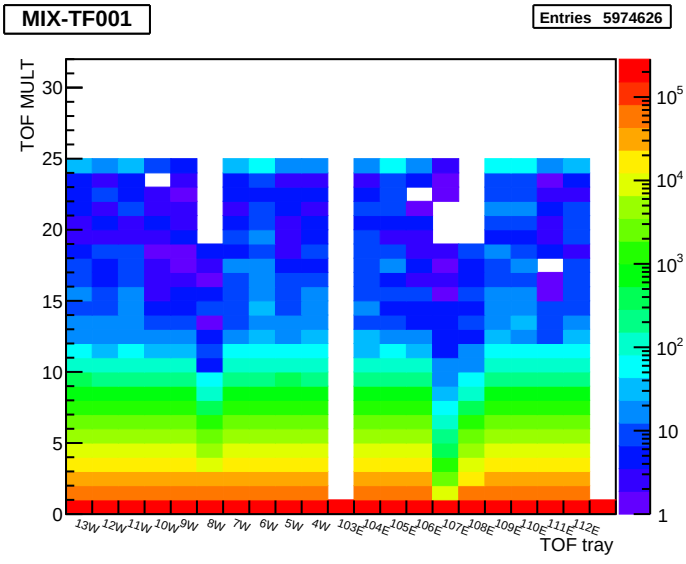

BunchId7Bit (ZDC-TAC)
Entries 636

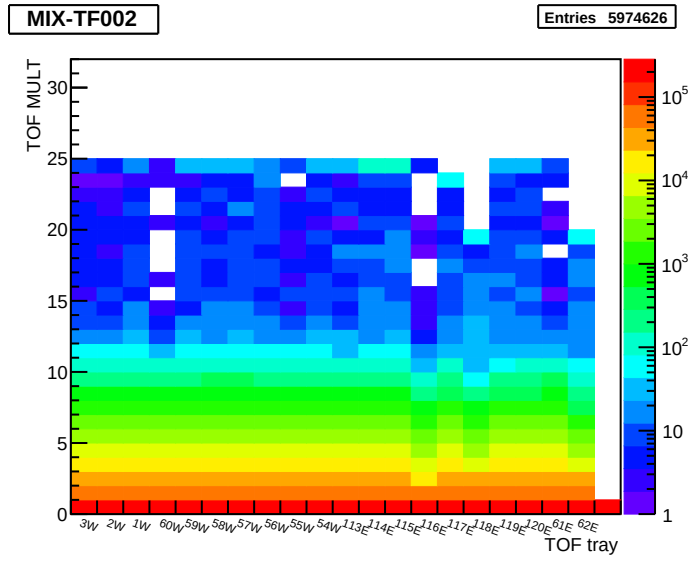

BunchId7Bit (EPD-TAC)
Entries 226958

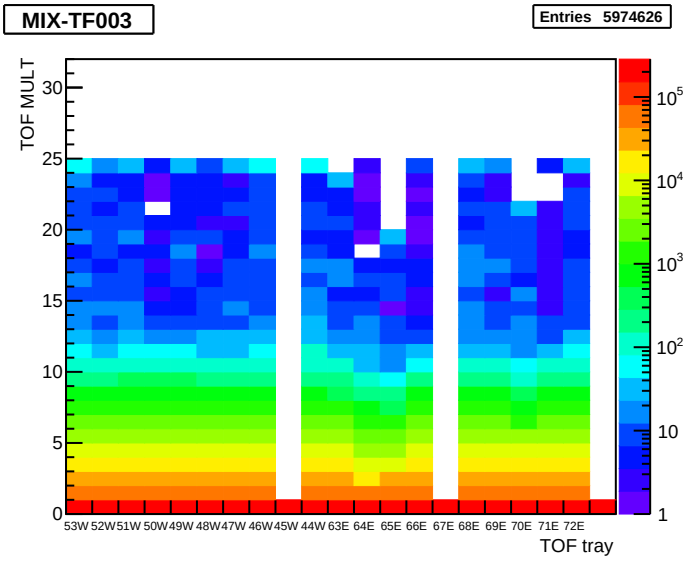

BunchId7Bit (BBC-TAC)
Entries 124740

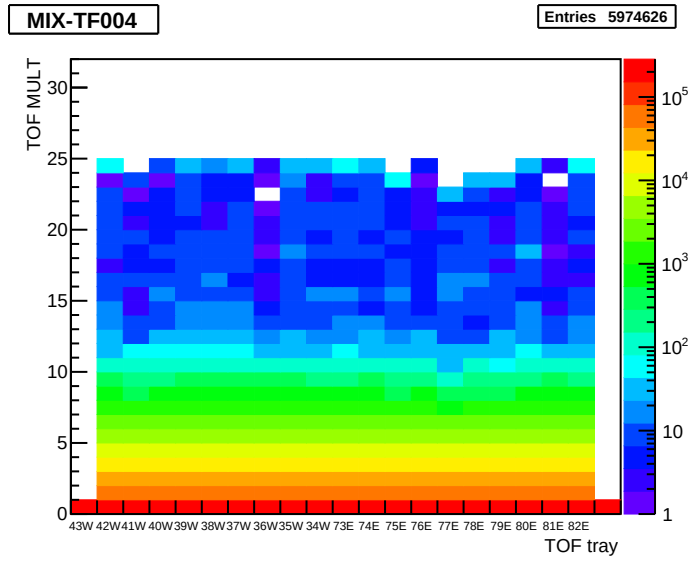

BunchId7Bit (Laser)
Entries 0

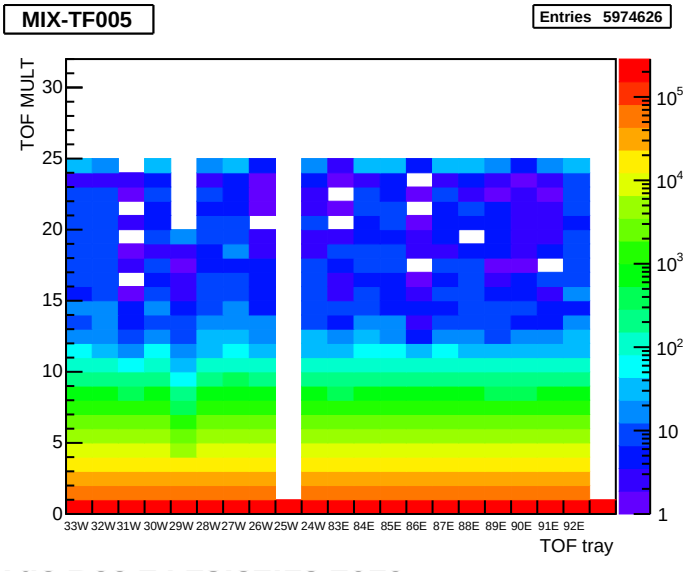

BunchId7Bit (TOFmult window)
Entries 10669

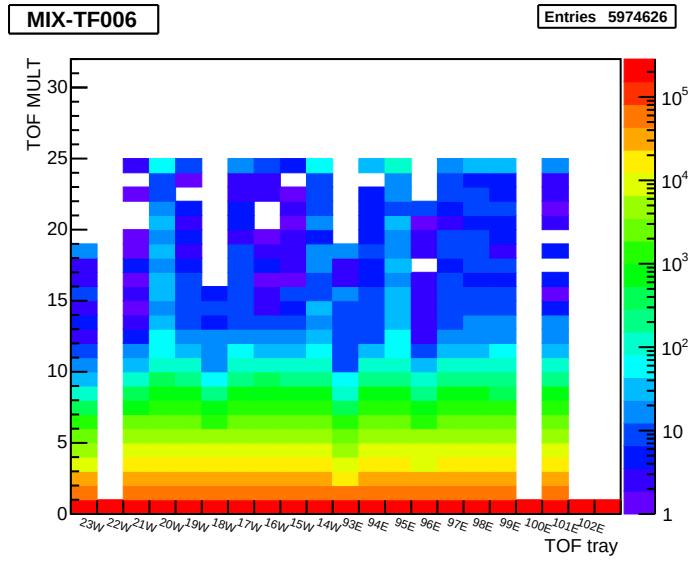

MIX-TF001
Entries 5974626
TOF MULT
TOF tray

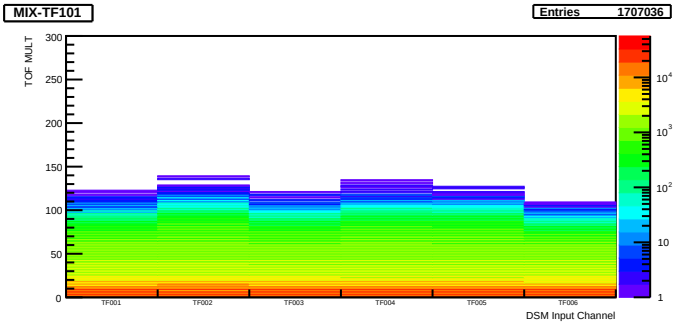

MIX-TF002
Entries 5974626
TOF MULT
TOF tray

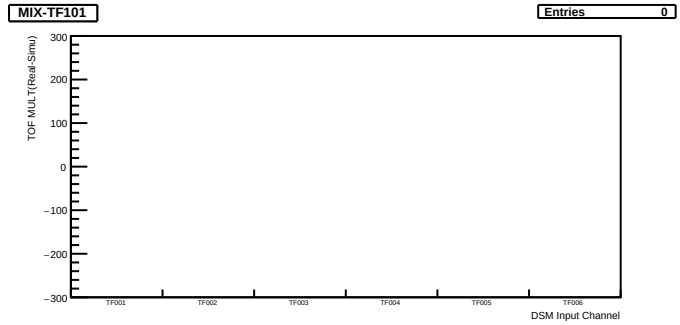

MIX-TF003
Entries 5974626
TOF MULT
TOF tray

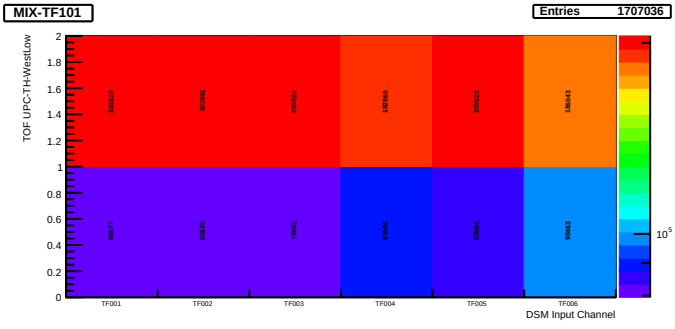

MIX-TF004
Entries 5974626
TOF MULT
TOF tray

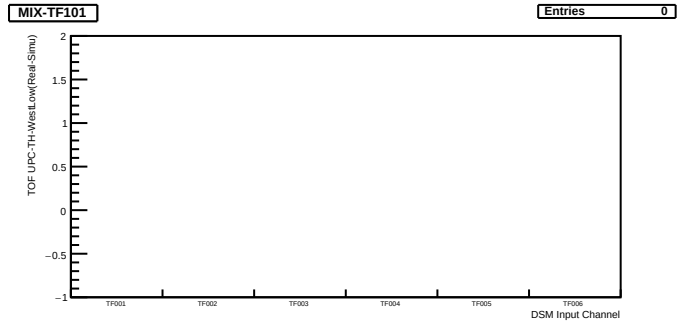

MIX-TF005
Entries 5974626
TOF MULT
TOF tray

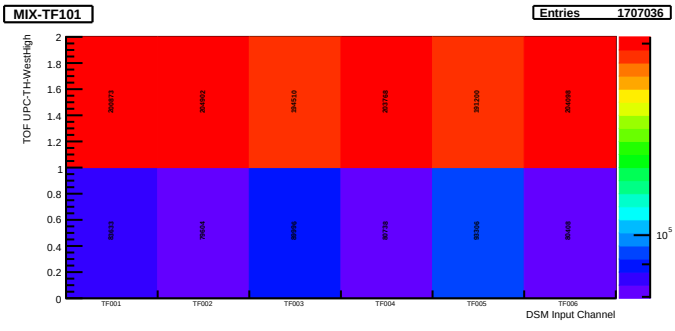

MIX-TF006
Entries 5974626
TOF MULT
TOF tray

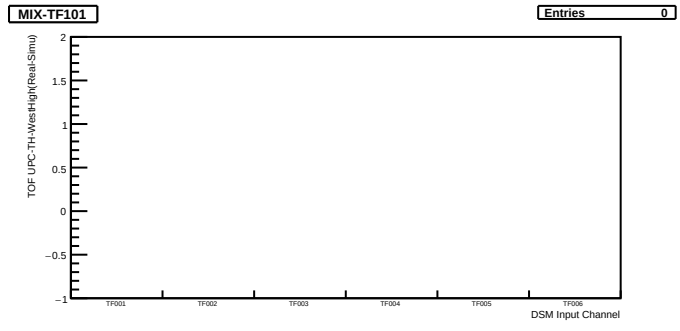

MIX-TF101
Entries 1707036
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

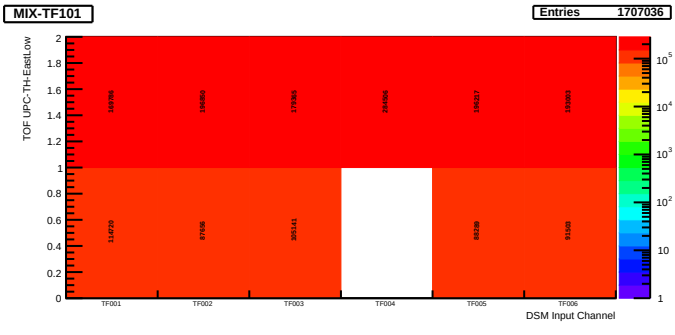

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

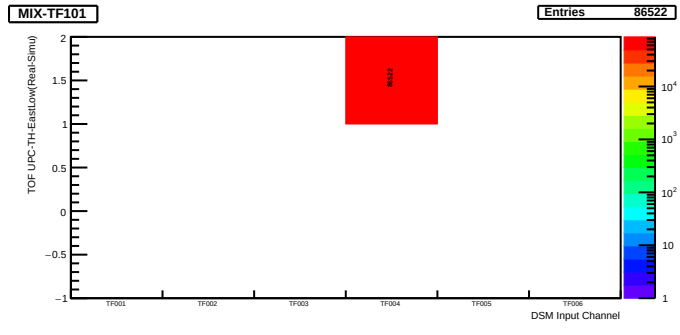

MIX-TF101
Entries 1707036
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

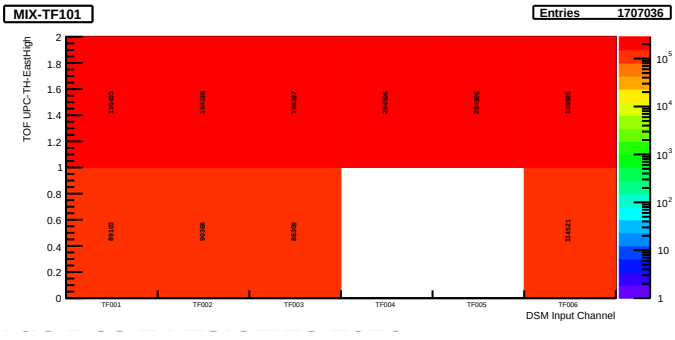

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

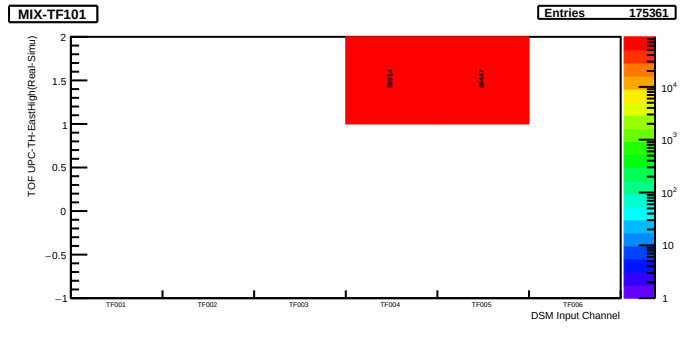

MIX-TF101
Entries 1707036
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

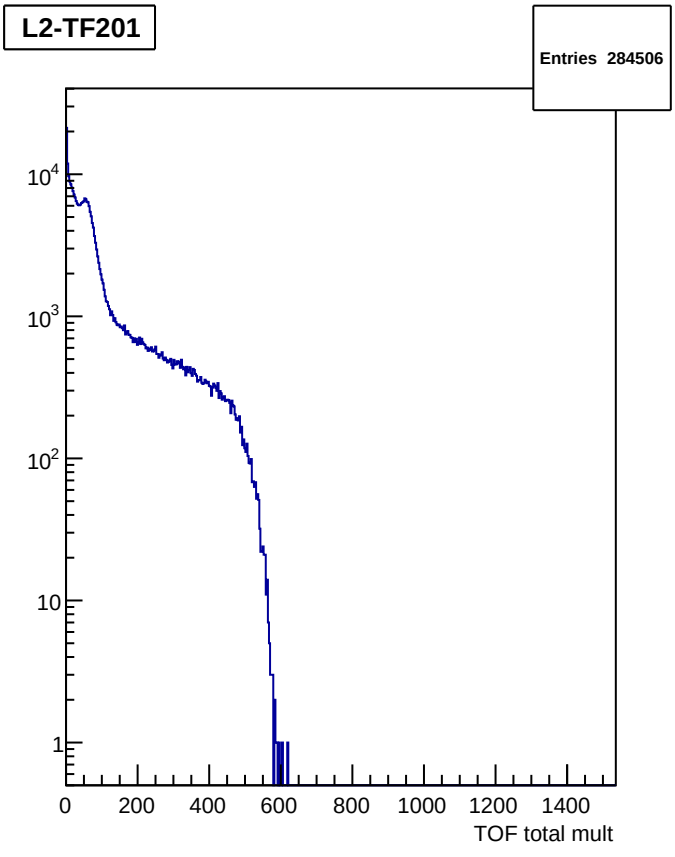

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

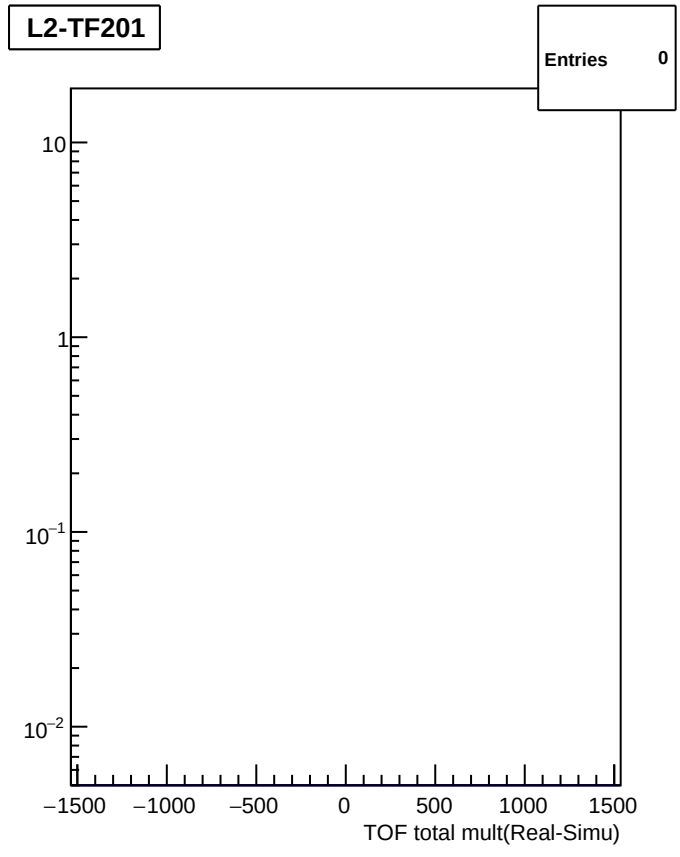

MIX-TF101
Entries 1707036
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

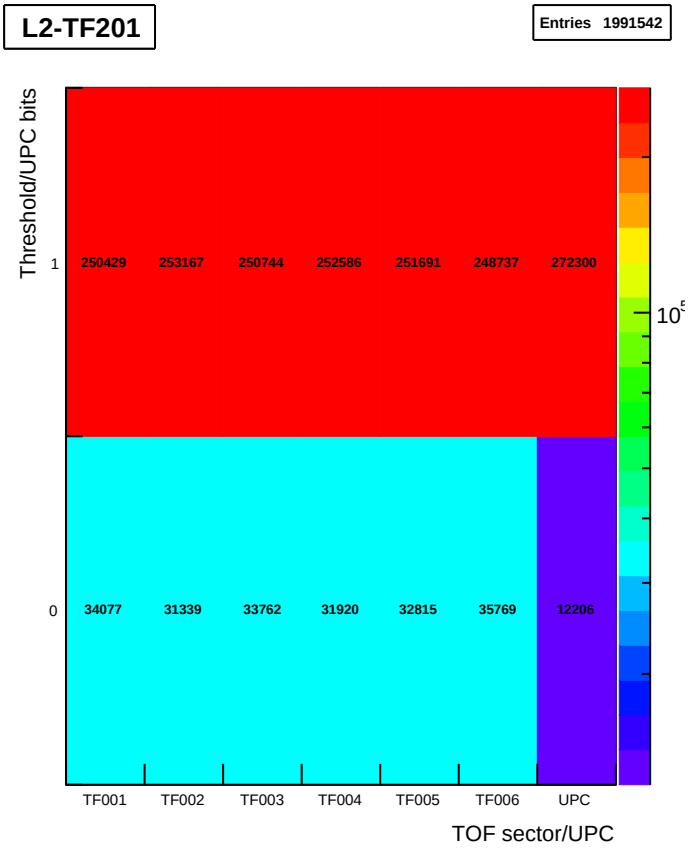

MIX-TF101
Entries 86522
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

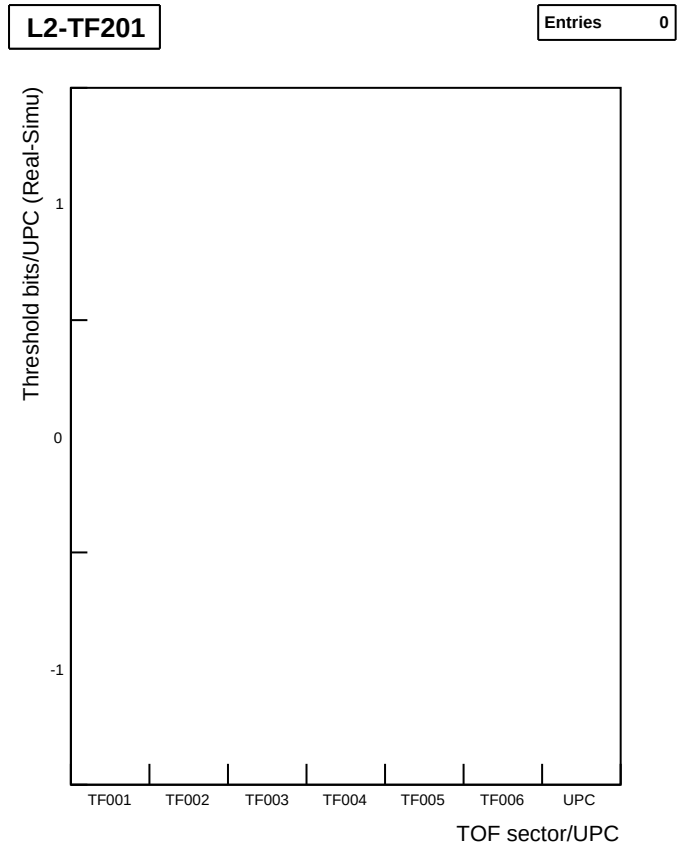

MIX-TF101
Entries 1707036
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

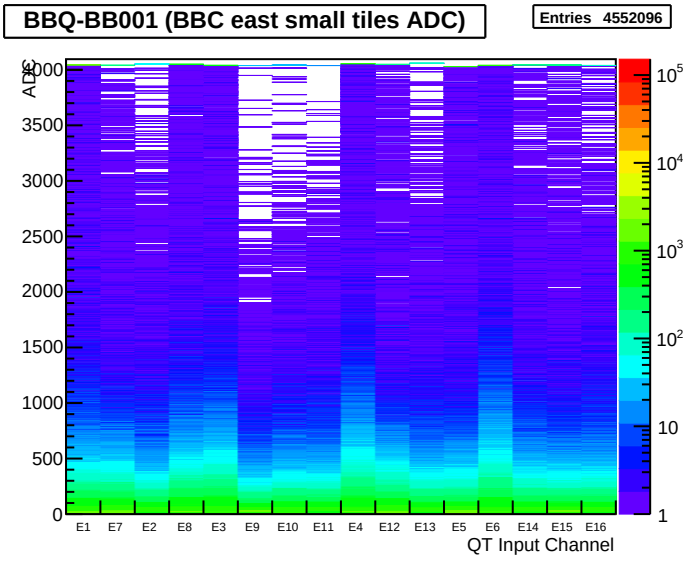

MIX-TF101
Entries 175361
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

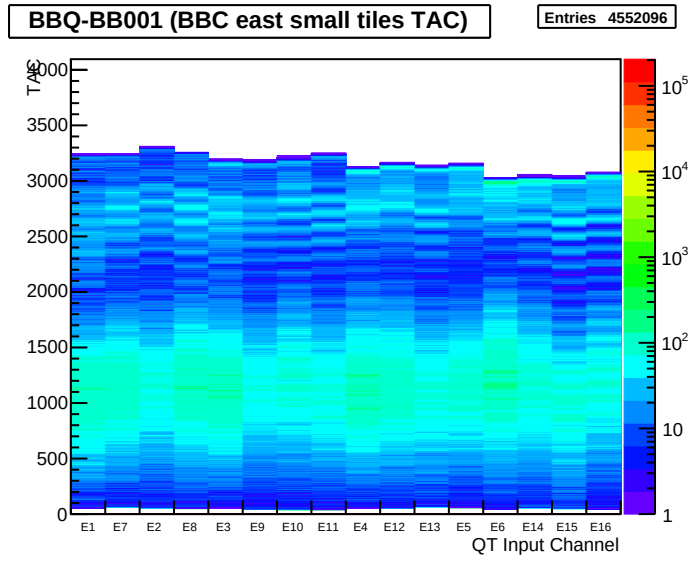

L2-TF201
Entries 284506
TOF total mult

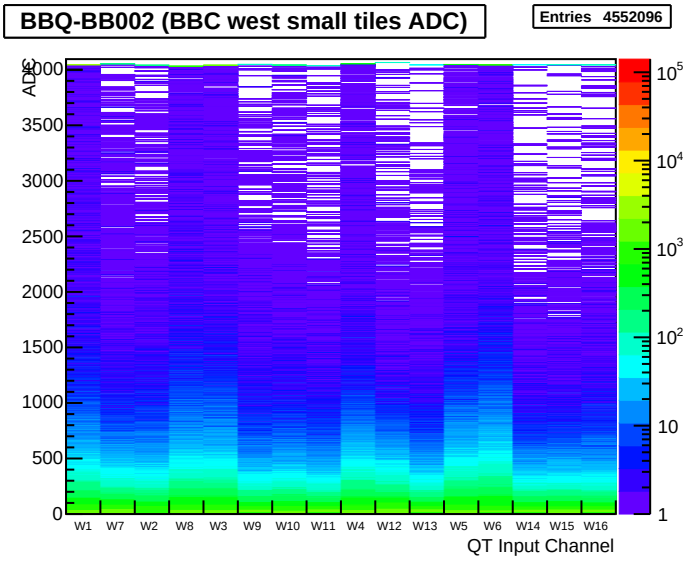

L2-TF201
Entries 0
TOF total mult(Real-Simu)

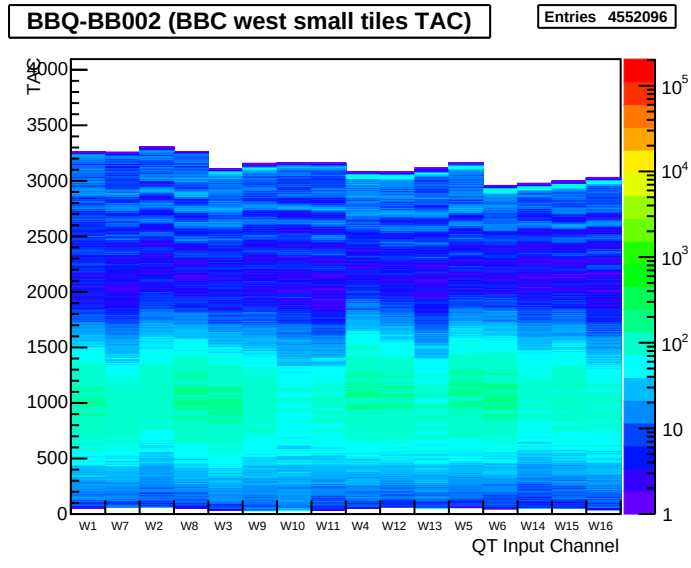

L2-TF201
Entries 1991542
Threshold/UPC bits
250429
253167
250744
252586
251691
248737
272300
34077
31339
33762
31920
32815
35769
12206
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

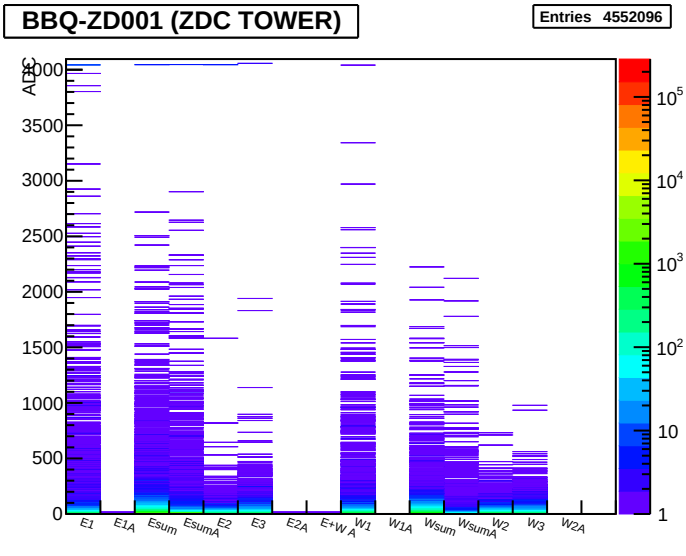

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

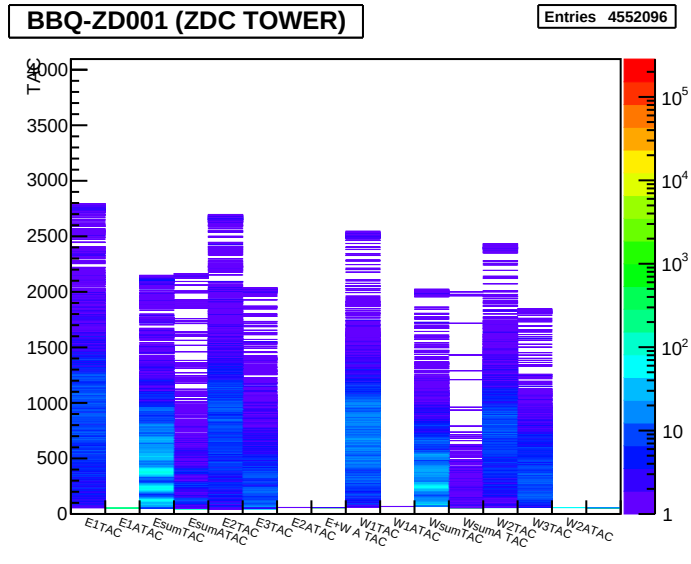

BBQ-BB001 (BBC east small tiles ADC)
Entries 4552096
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

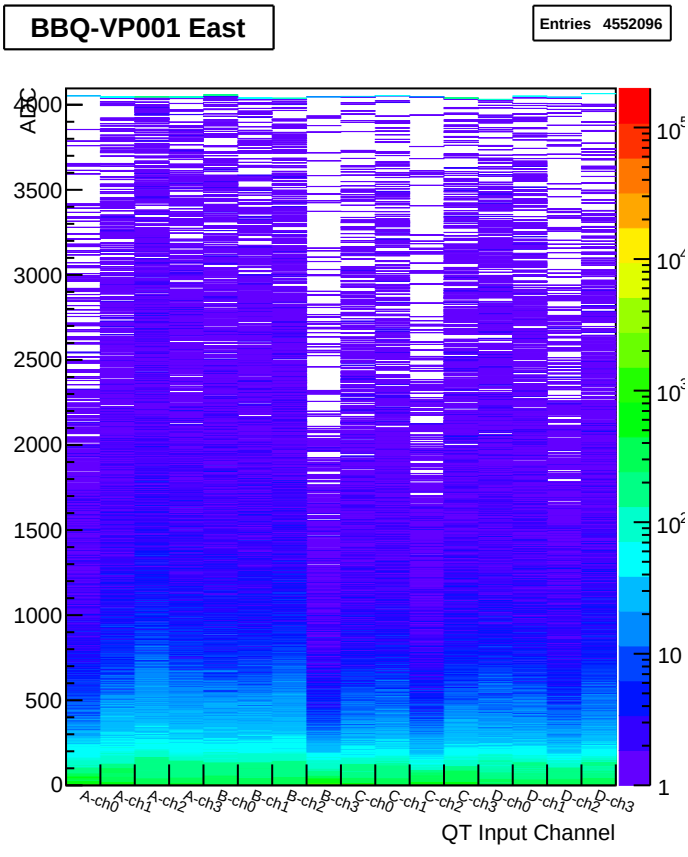

BBQ-BB001 (BBC east small tiles TAC)
Entries 4552096
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

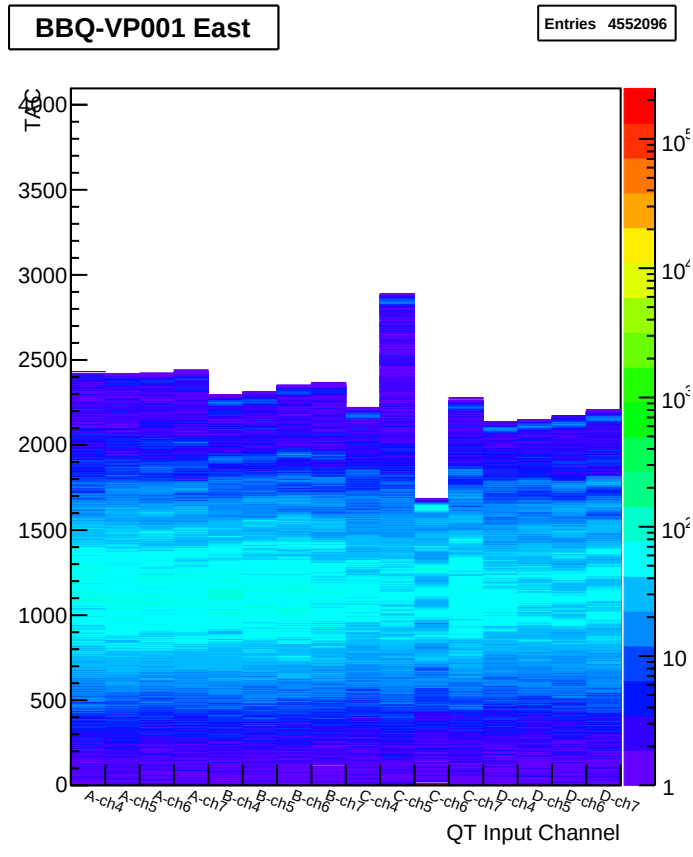

BBQ-BB002 (BBC west small tiles ADC)
Entries 4552096
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

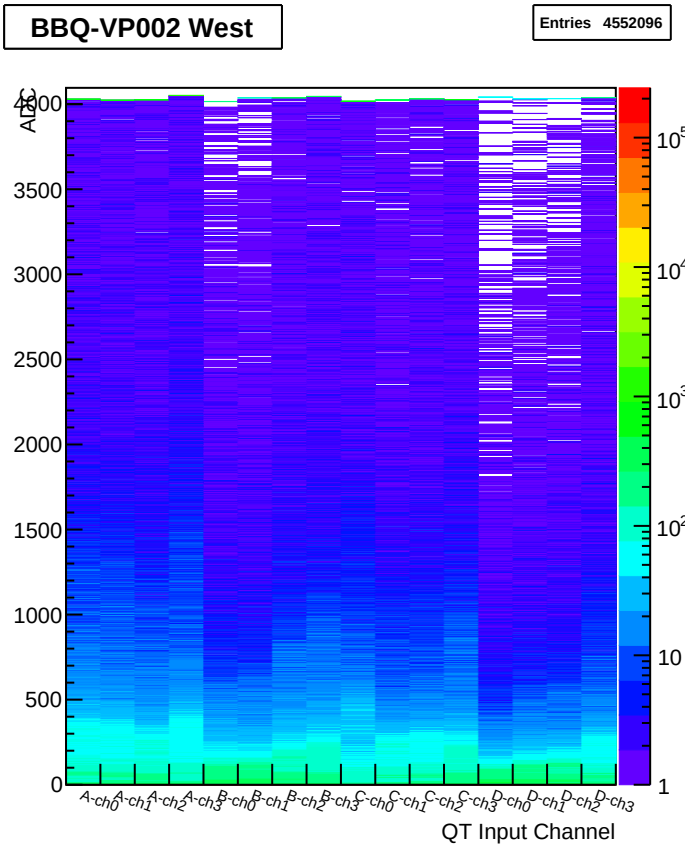

BBQ-BB002 (BBC west small tiles TAC)
Entries 4552096
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

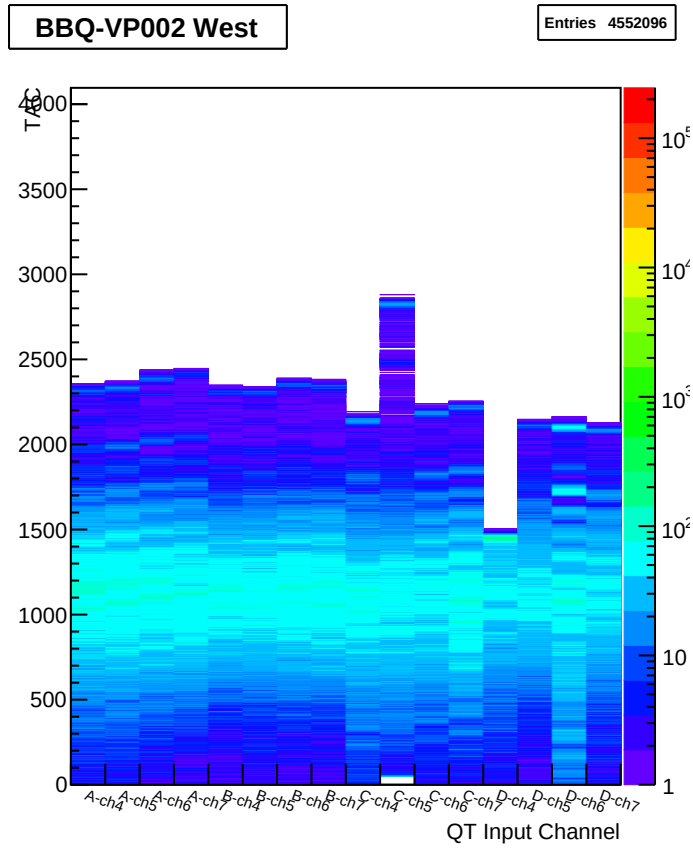

BBQ-ZD001 (ZDC TOWER)
Entries 4552096
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

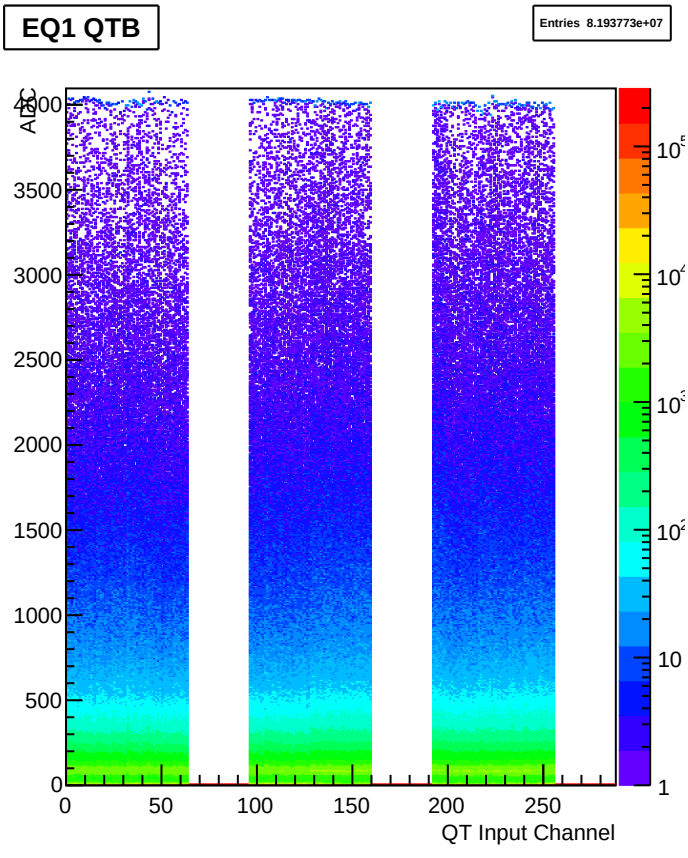

BBQ-ZD001 (ZDC TOWER)
Entries 4552096
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

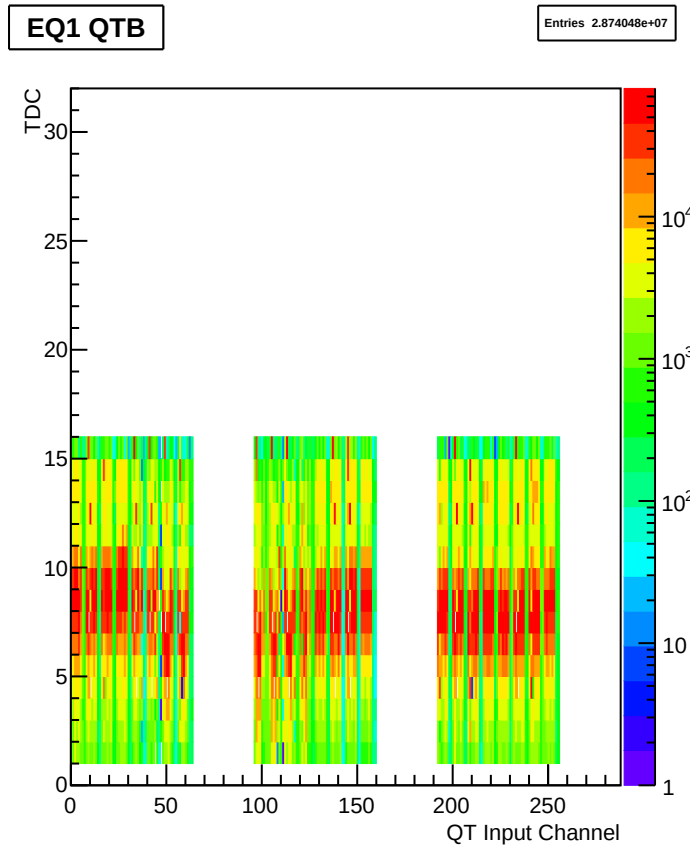

BBQ-VP001 East
Entries 4552096
ADC
QT Input Channel

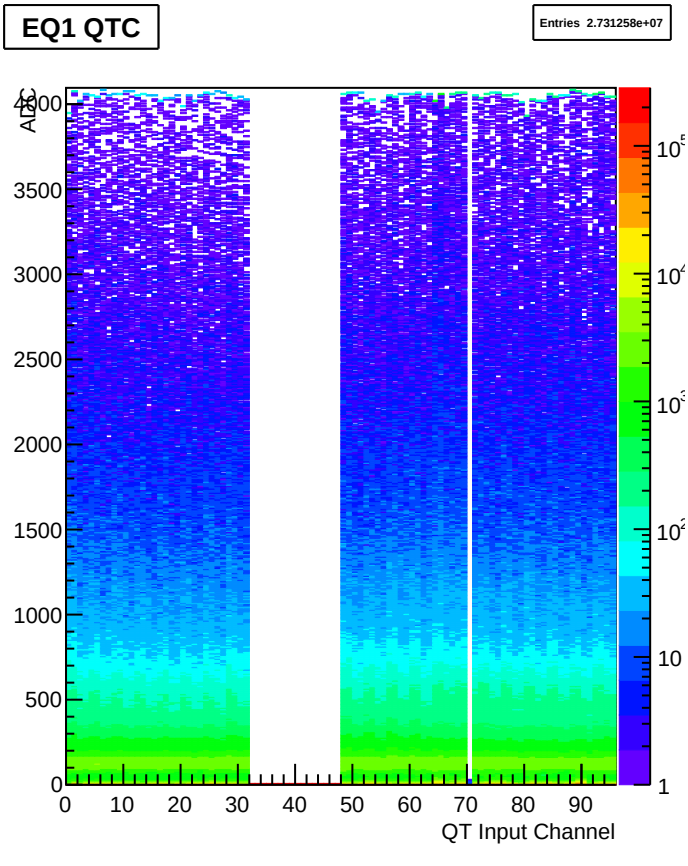

BBQ-VP001 East
Entries 4552096
TADC
QT Input Channel

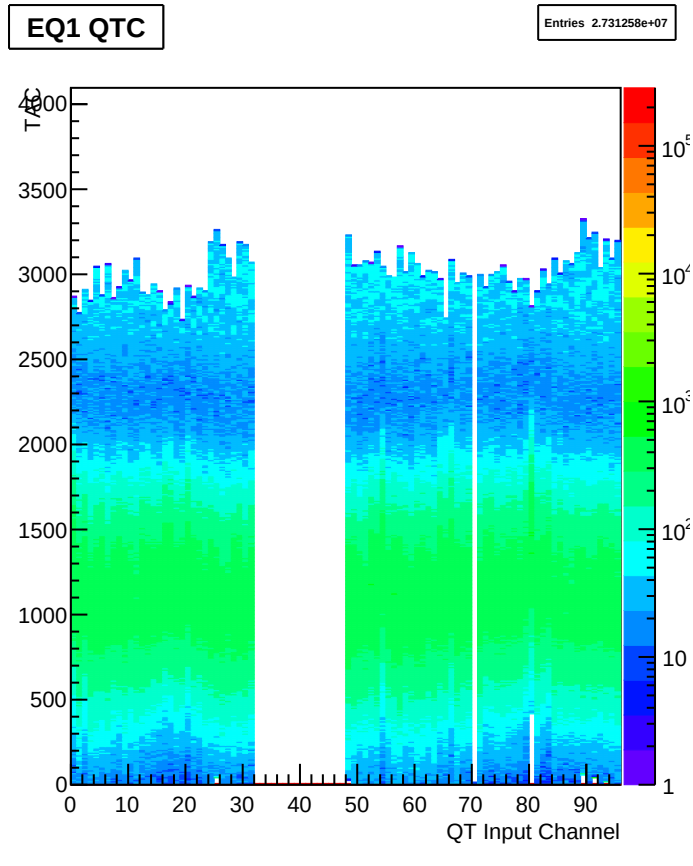

BBQ-VP002 West
Entries 4552096
ADC
QT Input Channel

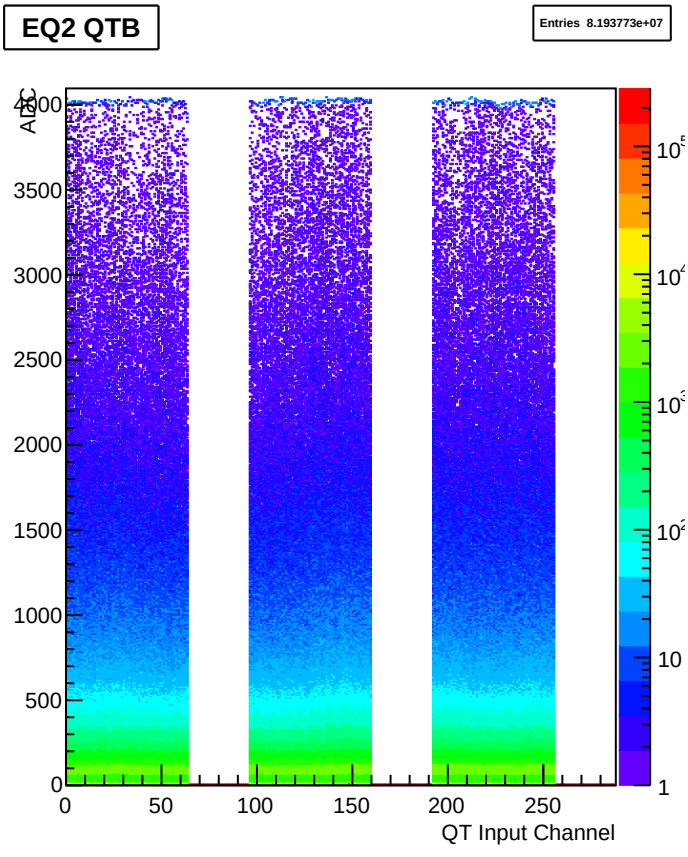

BBQ-VP002 West
Entries 4552096
TADC
QT Input Channel

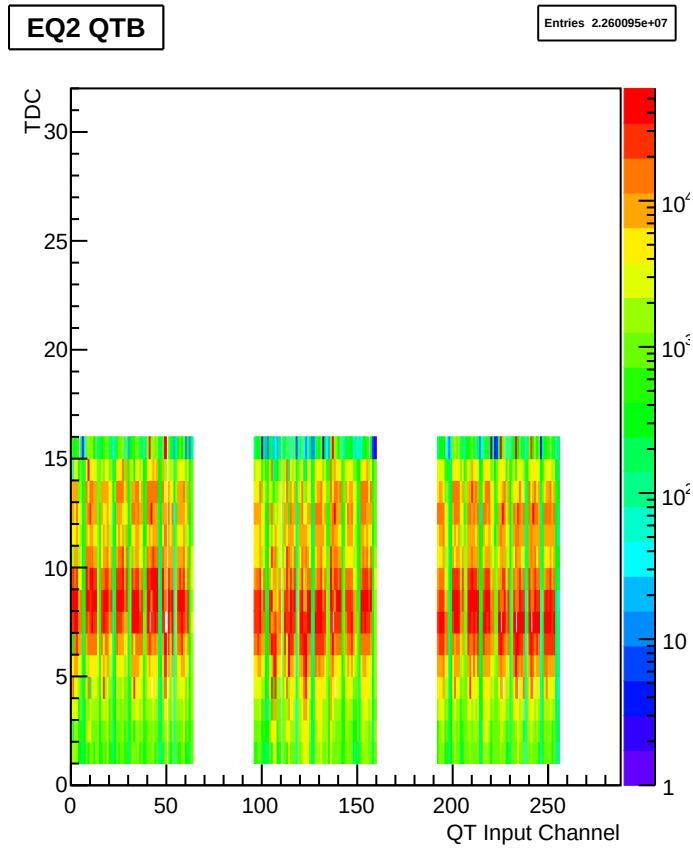

EQ1 QTB
Entries 8.193773e+07
ADC
QT Input Channel

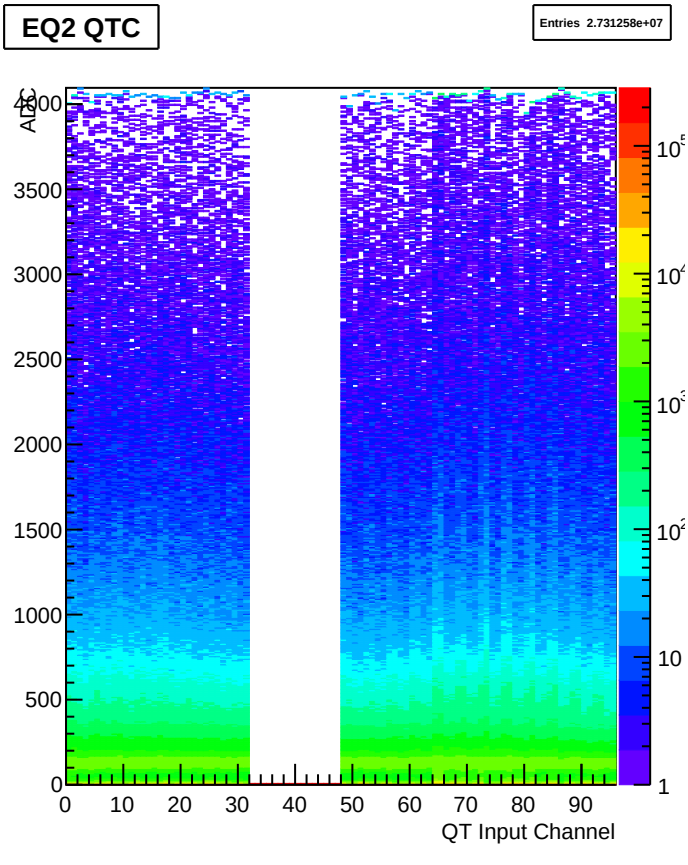

EQ1 QTB
Entries 2.874048e+07
TDC
QT Input Channel

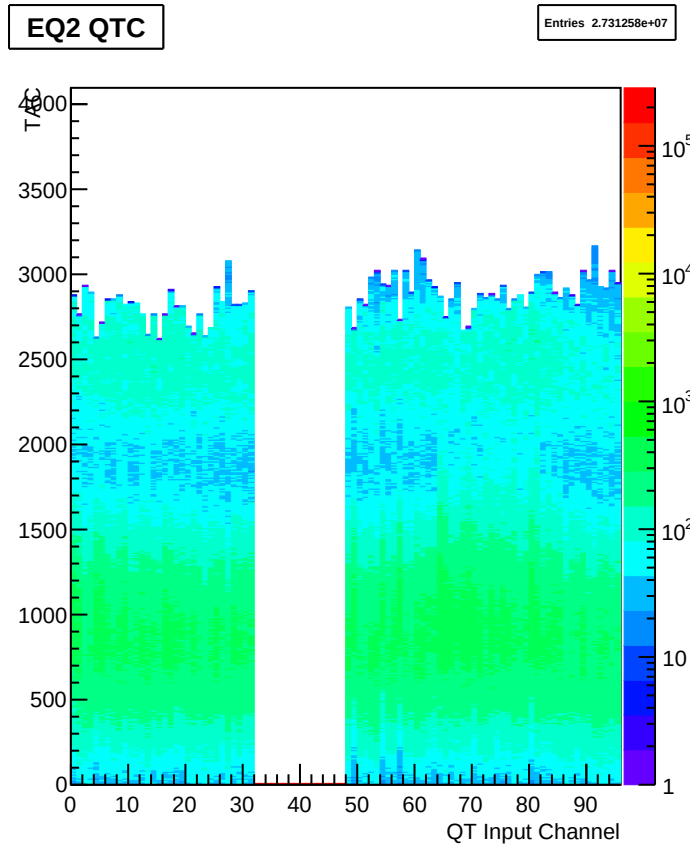

EQ1 QTC
Entries 2.731258e+07
ADC
QT Input Channel

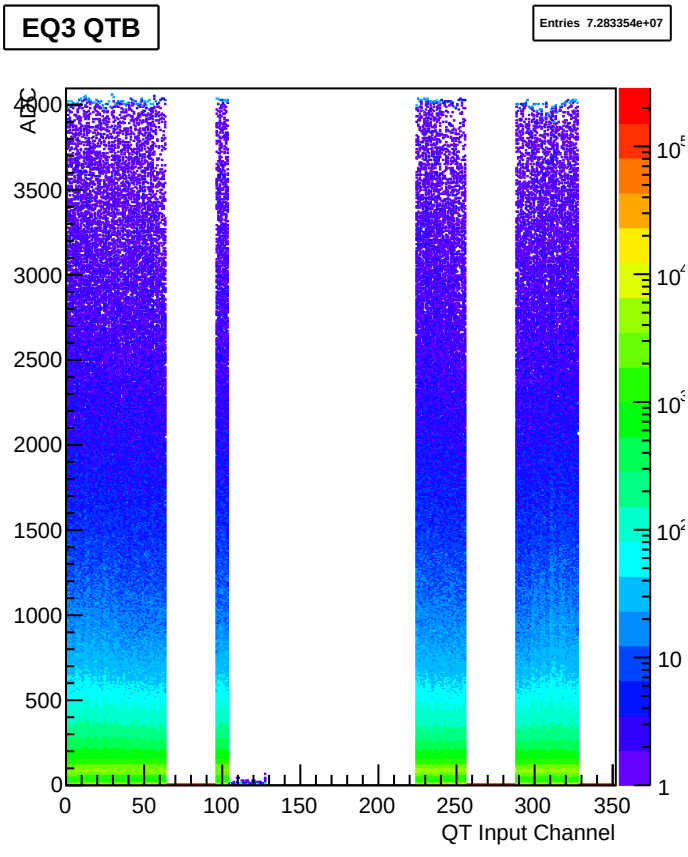

EQ1 QTC
Entries 2.731258e+07
TADC
QT Input Channel

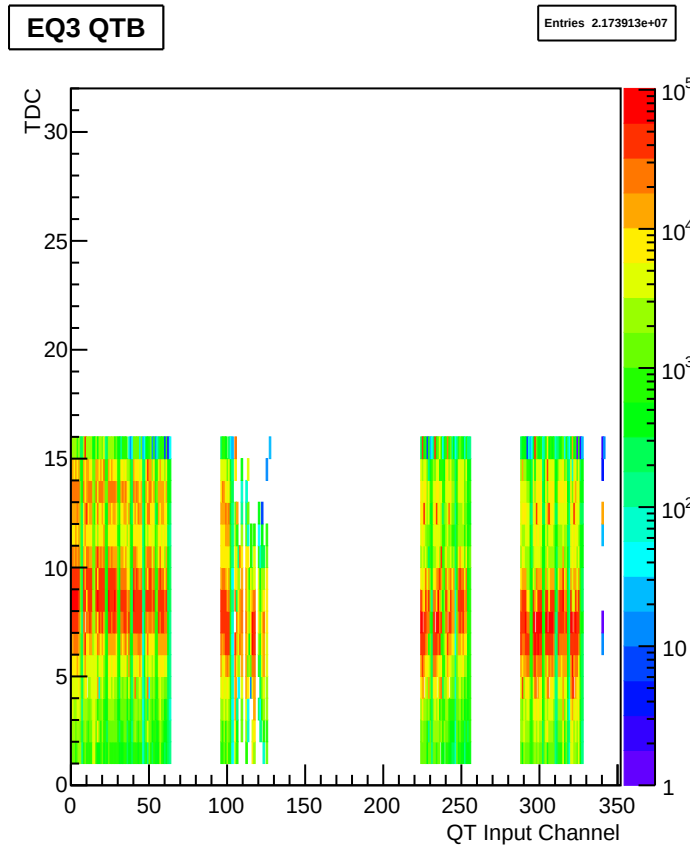

EQ2 QTB
Entries 8.193773e+07
ADC
QT Input Channel

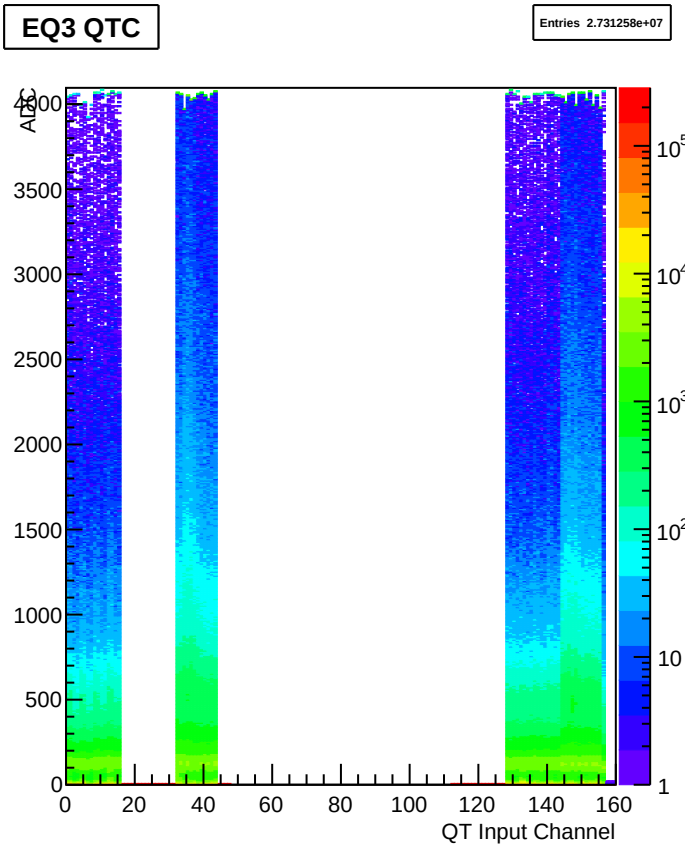

EQ2 QTB
Entries 2.260095e+07
TDC
QT Input Channel

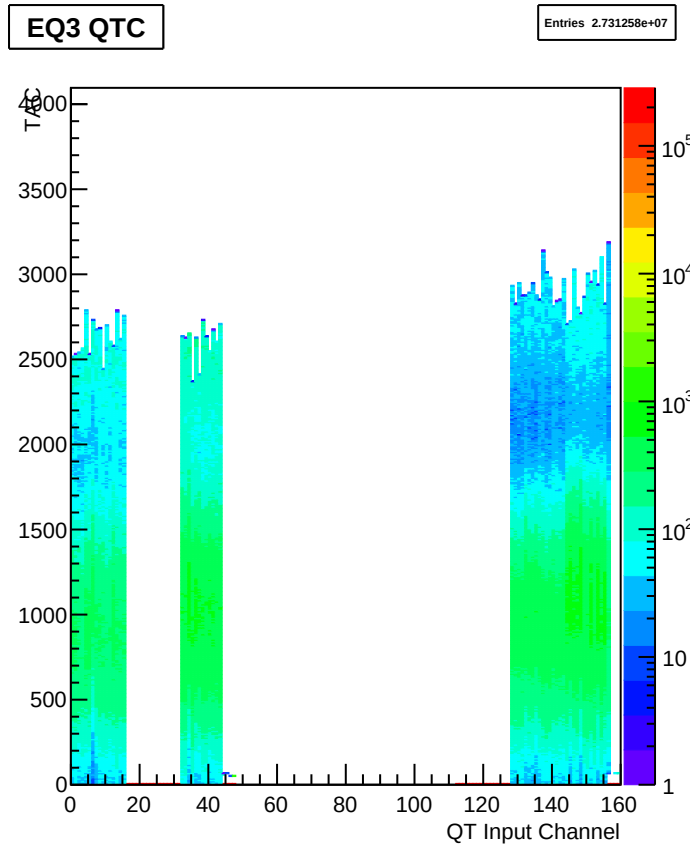

EQ2 QTC
Entries 2.731258e+07
ADC
QT Input Channel

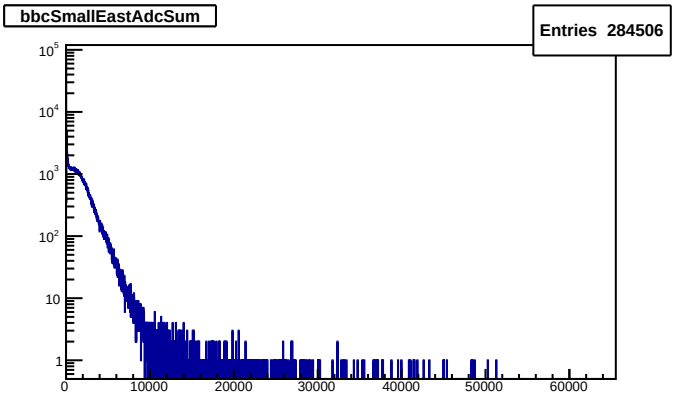

EQ2 QTC
Entries 2.731258e+07
TADC
QT Input Channel

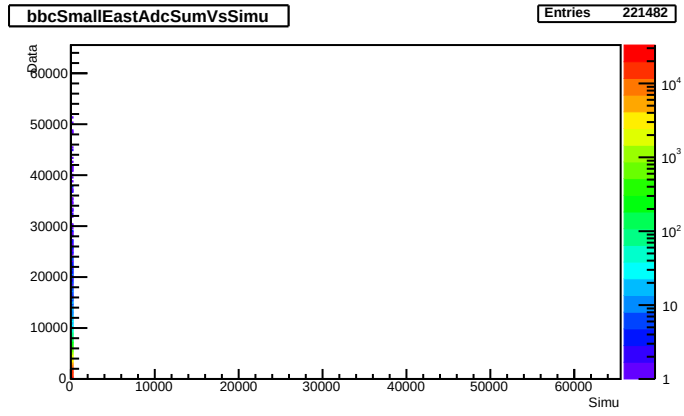

EQ3 QTB
Entries 7.283354e+07
ADC
QT Input Channel

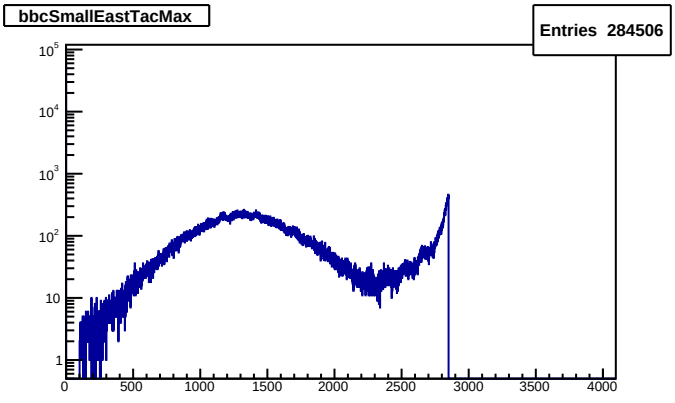

EQ3 QTB
Entries 2.173913e+07
TDC
QT Input Channel

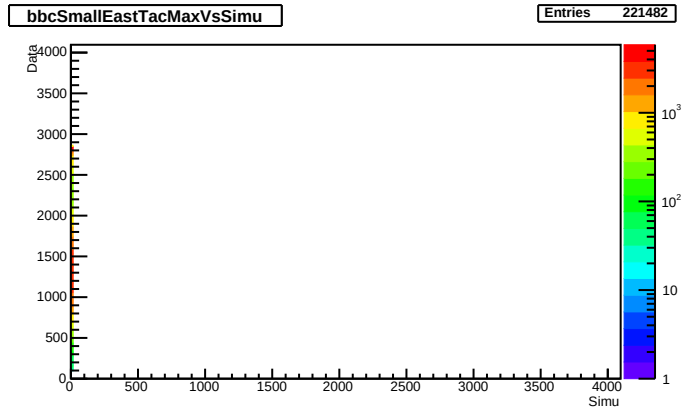

EQ3 QTC
Entries 2.731258e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.731258e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 284506


bbcSmallEastAdcSumVsSimu
Entries 221482
Data
Simu


bbcSmallEastTacMax
Entries 284506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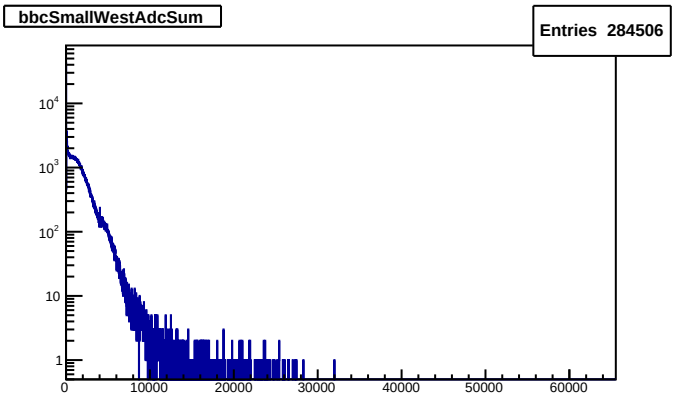
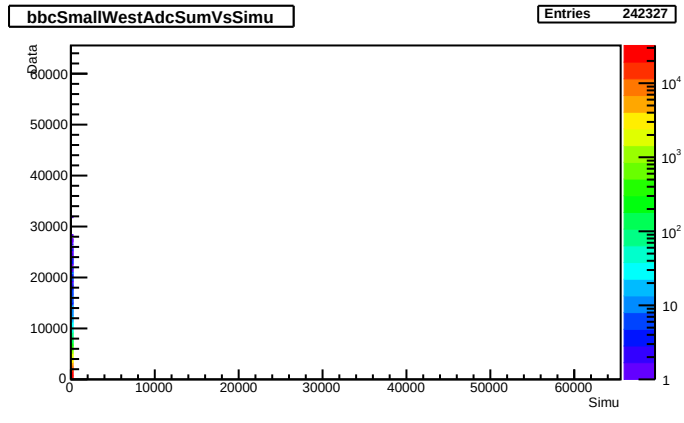
Entries 221482
Data
Simu


bbcSmallWestAdcSum
Entries 284506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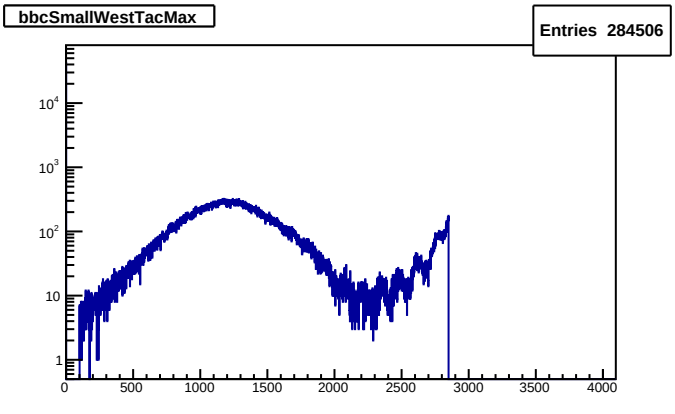
Entries 242327
Data
Simu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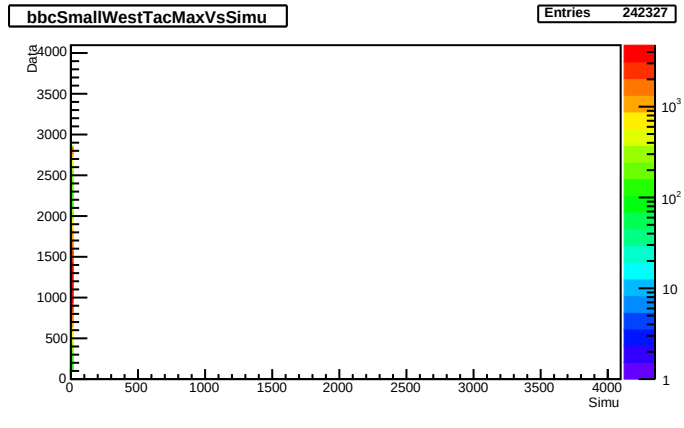
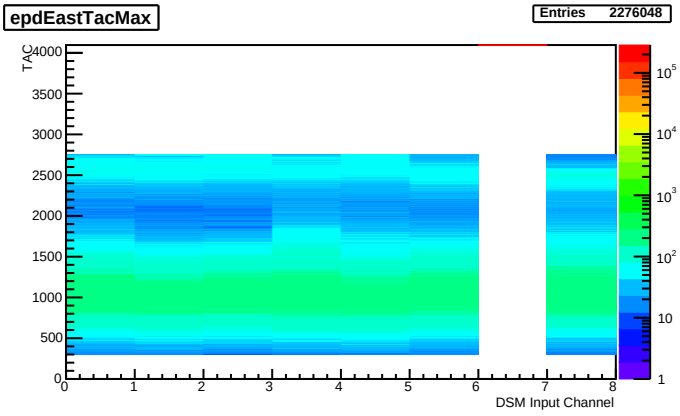
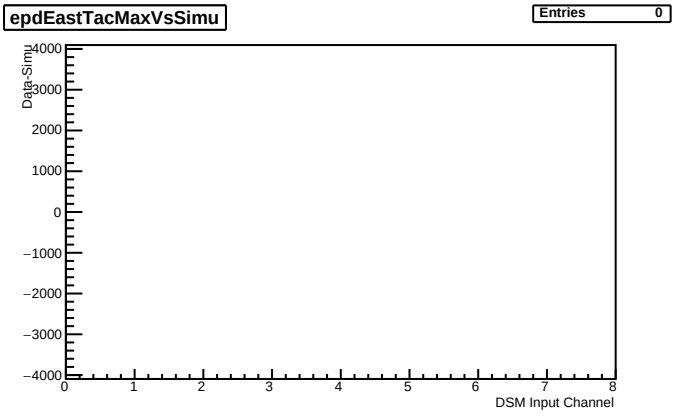
Entries 284506


bbcSmallWestTacMaxVsSimu
Entries 242327
Data
Simu


epdEastTacMax
Entries 2276048
TAC
DSM Input Channel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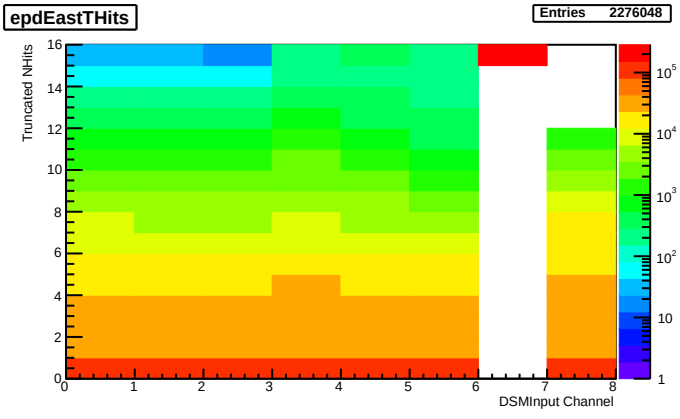
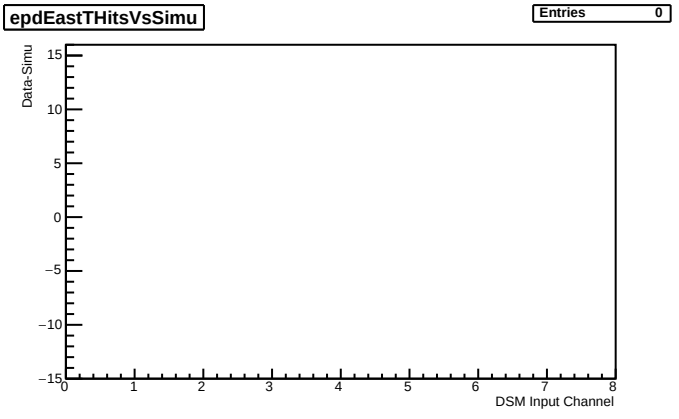
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2276048
Truncated NHits
DSMInput Channel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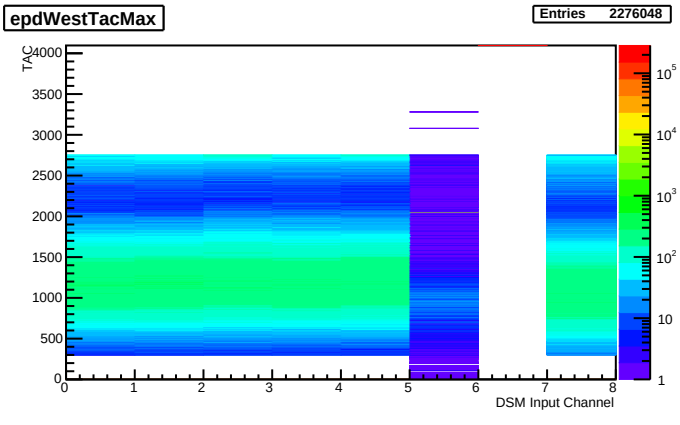
Entries 0
Data-Simu
DSM Input Channel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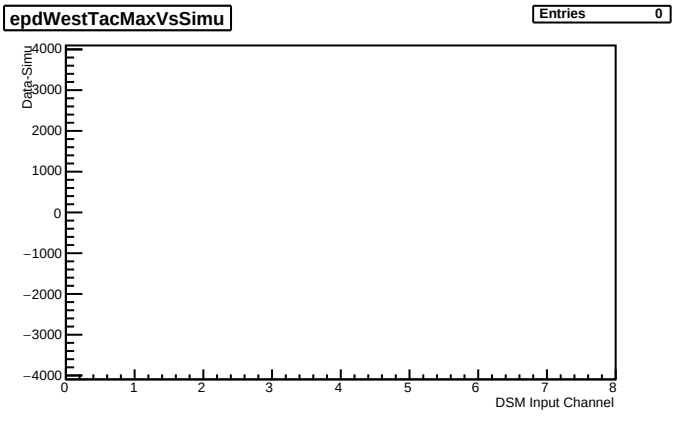
Entries 2276048
TAC
DSM Input Channel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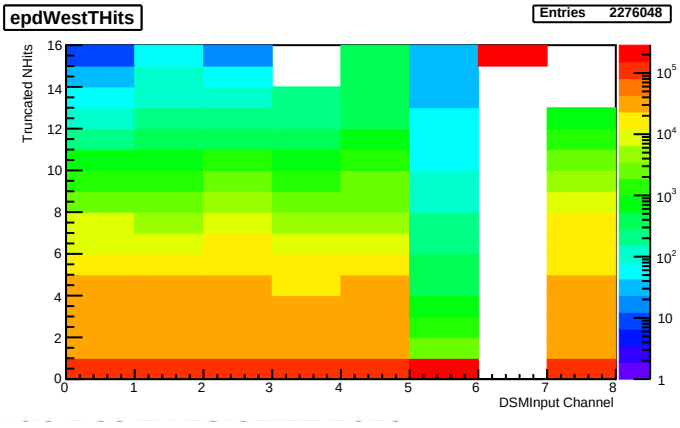
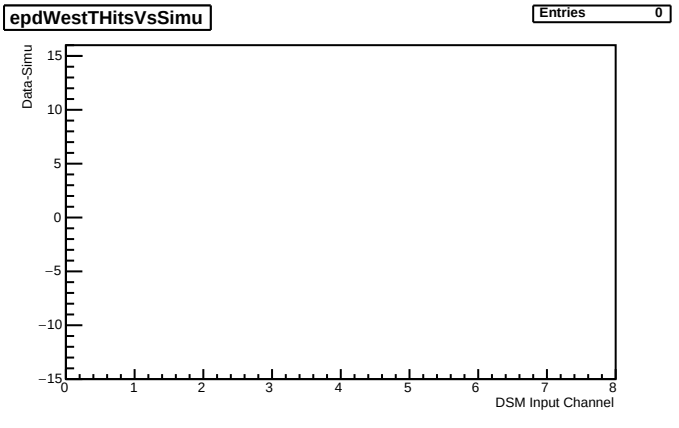
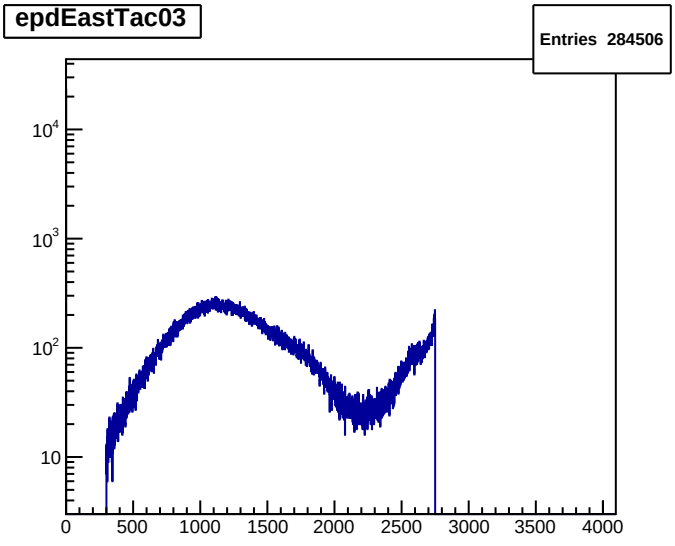
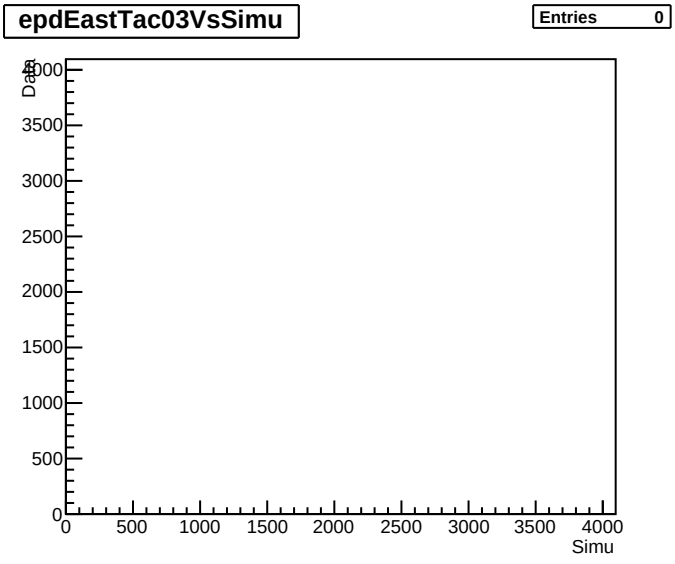
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2276048
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 284506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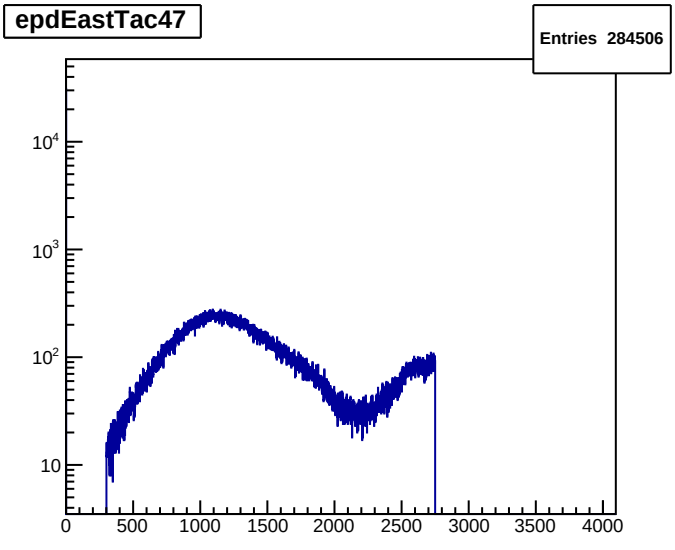
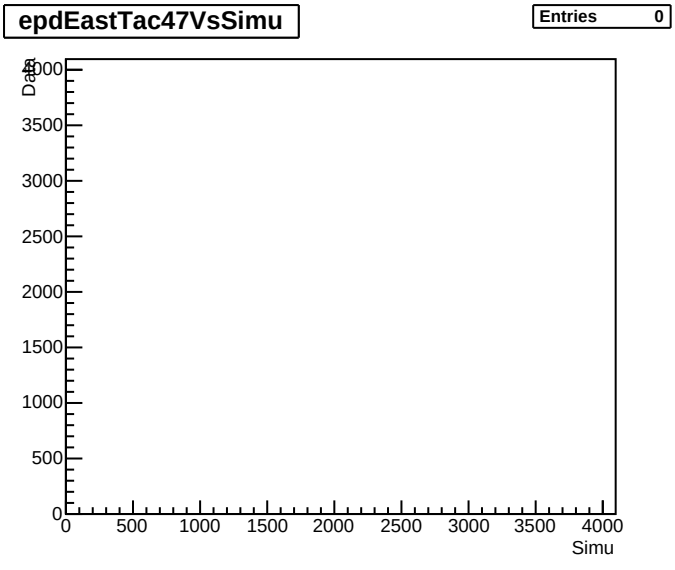
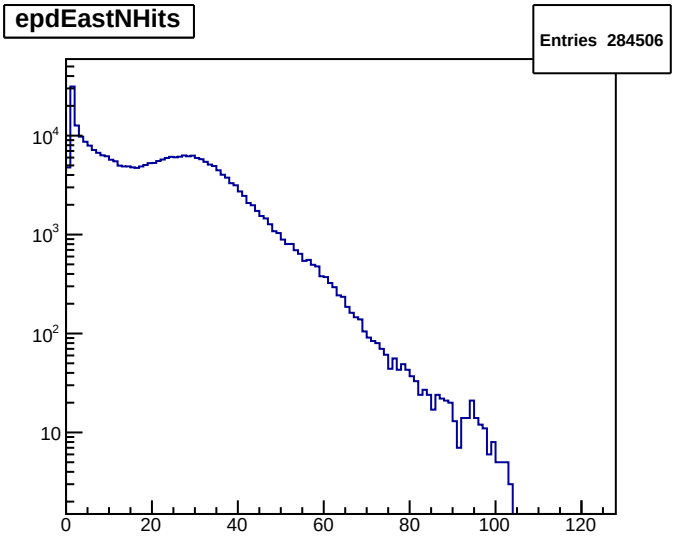
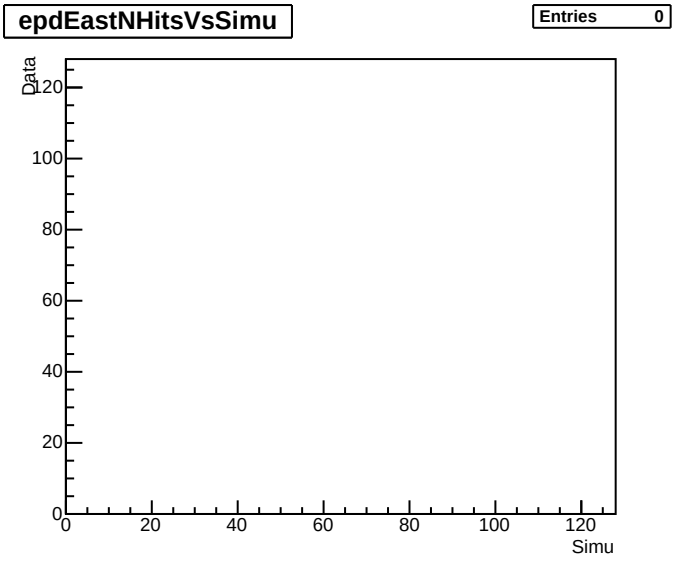
Entries 0
Data
Simu


epdEastTac47
Entries 284506


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 284506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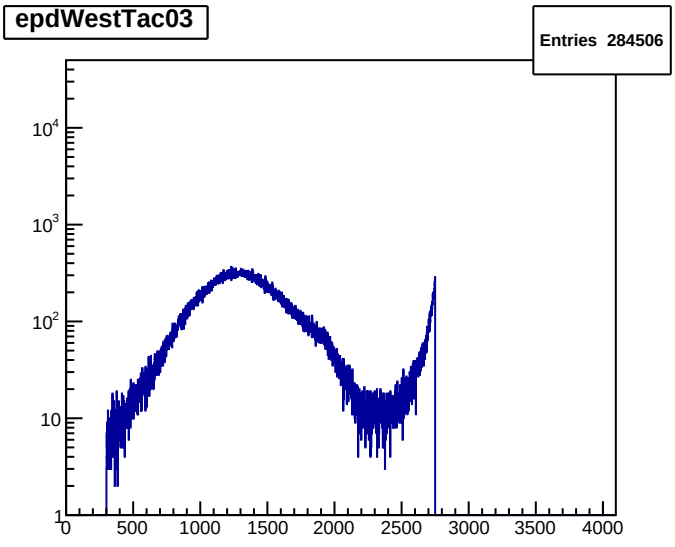
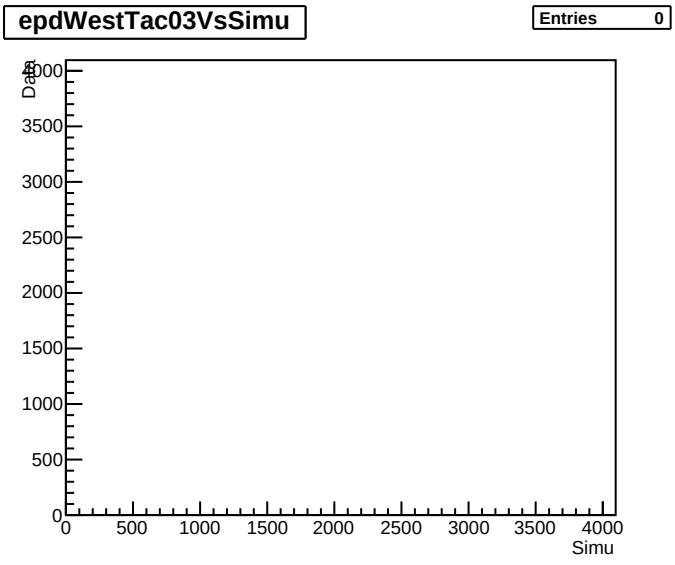
Entries 0
Data
Simu


epdWestTac03
Entries 284506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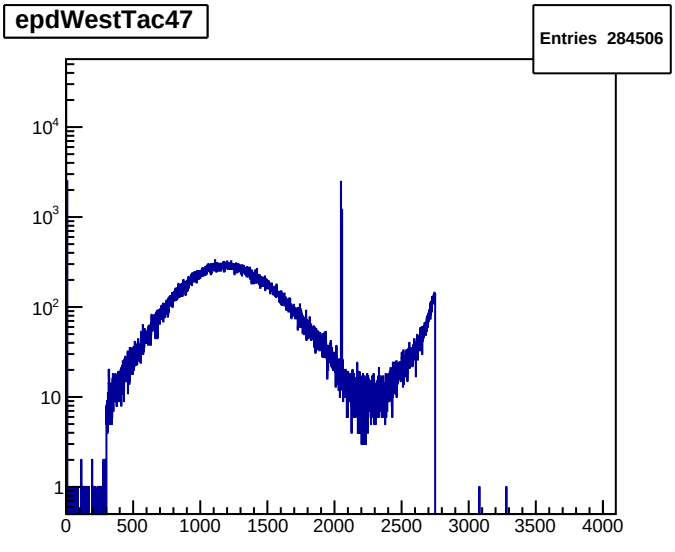
Entries 0
Data
Simu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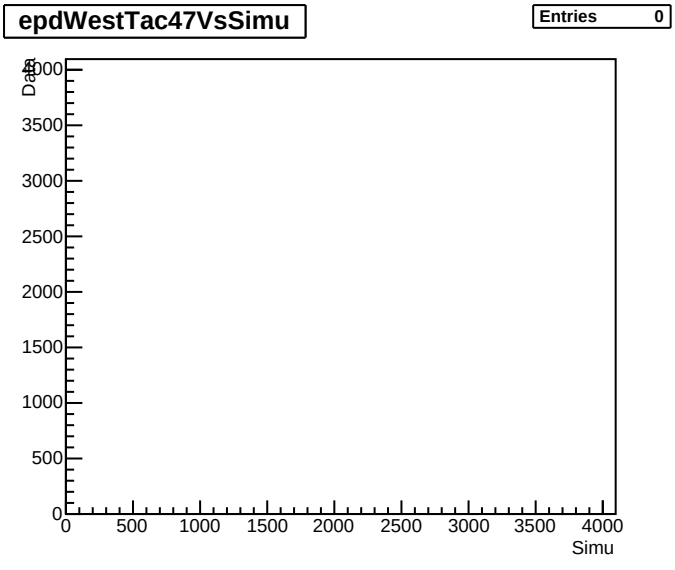
Entries 284506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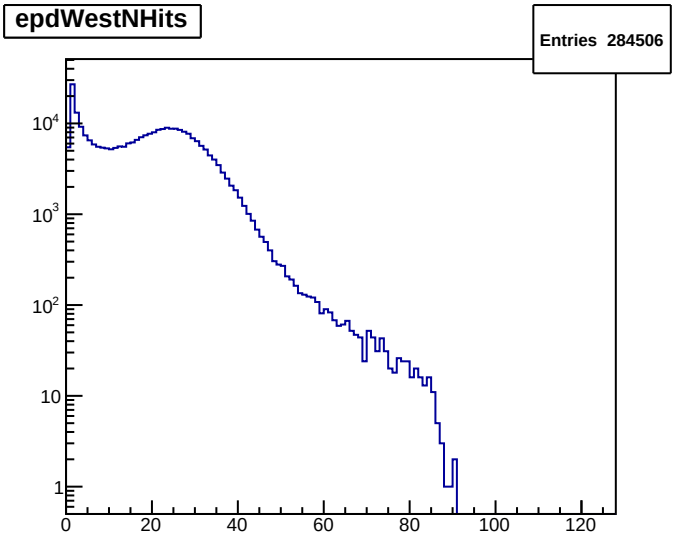
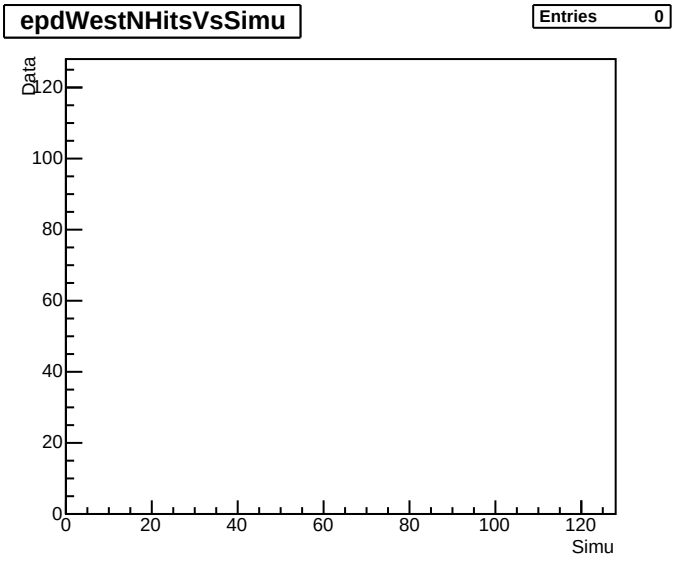
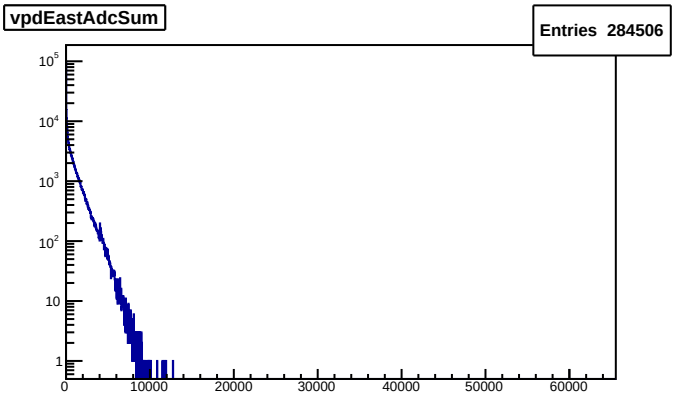
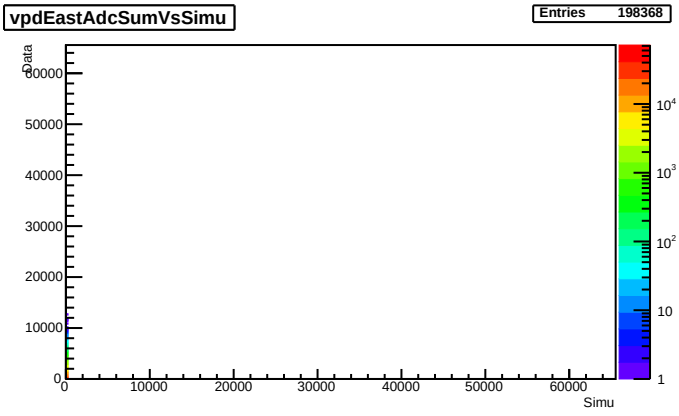
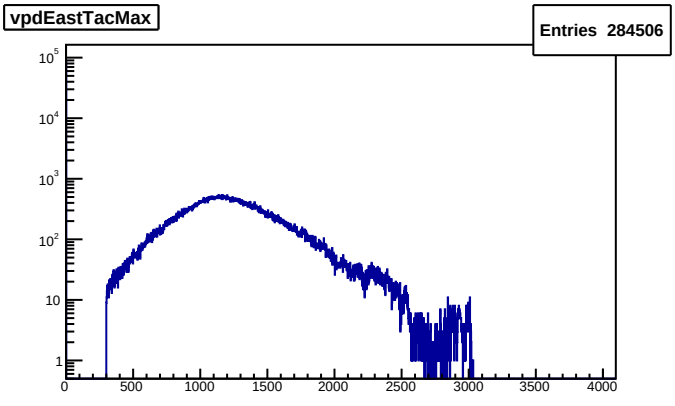
Entries 0
Data
Simu

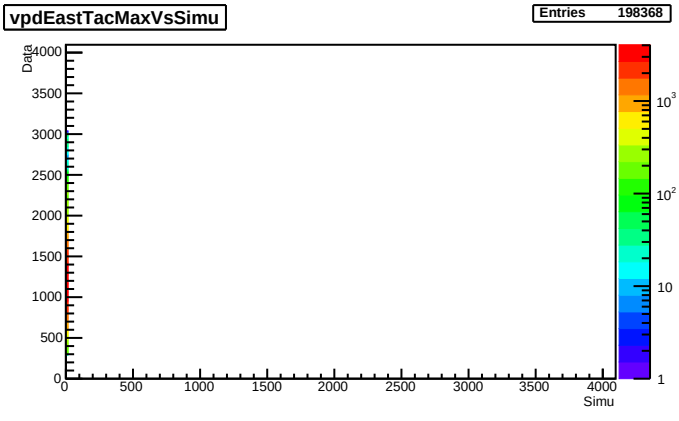

epdWestNHits
Entries 284506

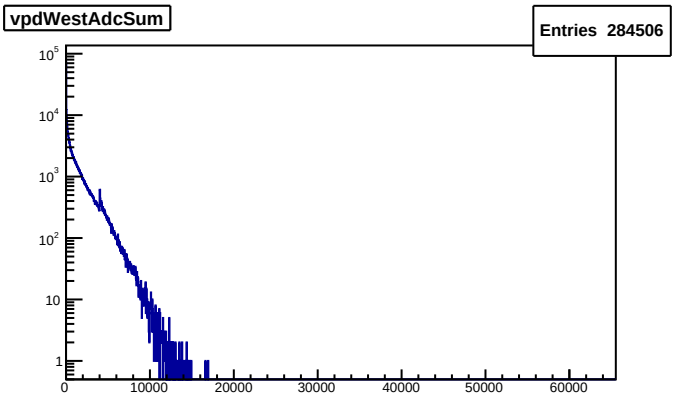

epdWestNHitsVsSimu
Entries 0
Data
Simu

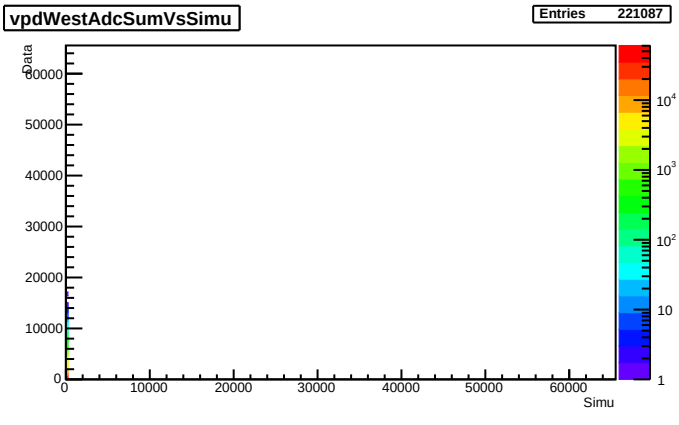

vpdEastAdcSum
Entries 284506

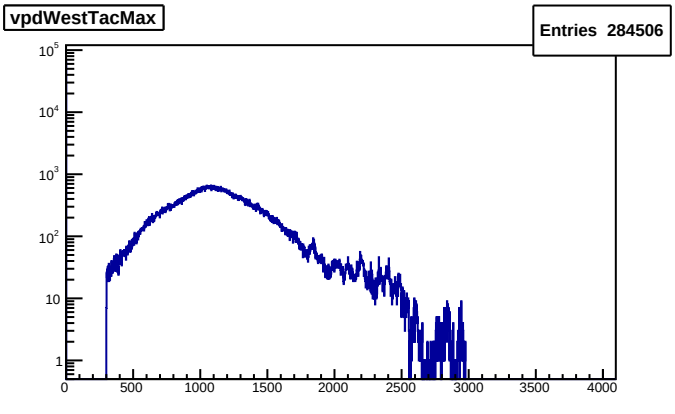

vpdEastAdcSumVsSimu
Entries 198368
Data
Simu

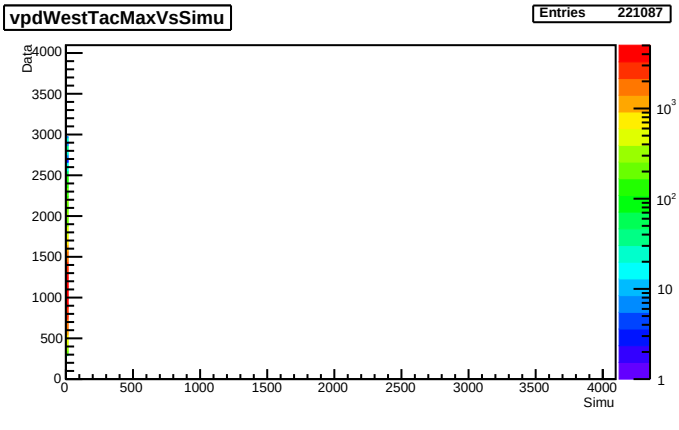

vpdEastTacMax
Entries 284506

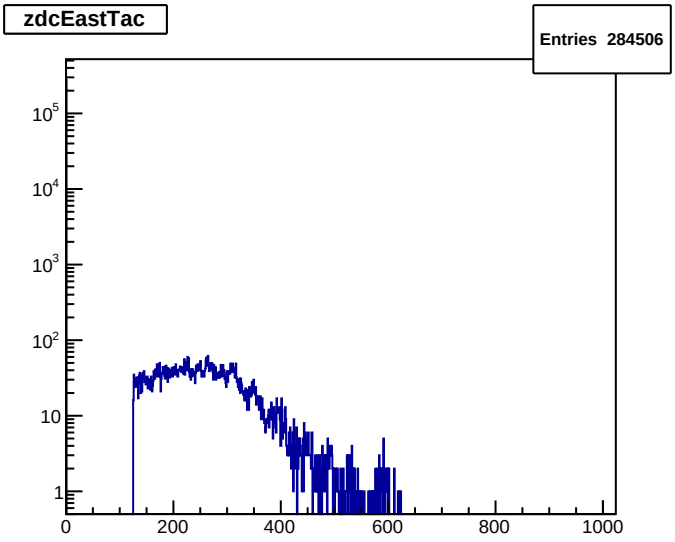

vpdEastTacMaxVsSimu
Entries 198368
Data
Simu

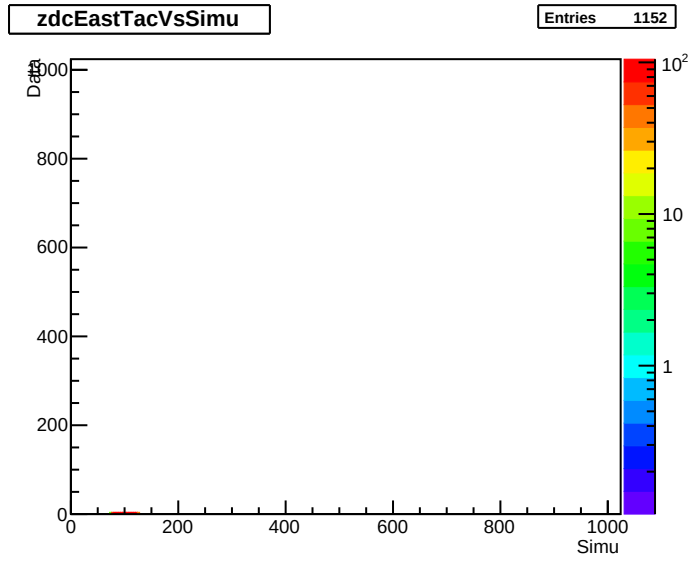

vpdWestAdcSum
Entries 284506

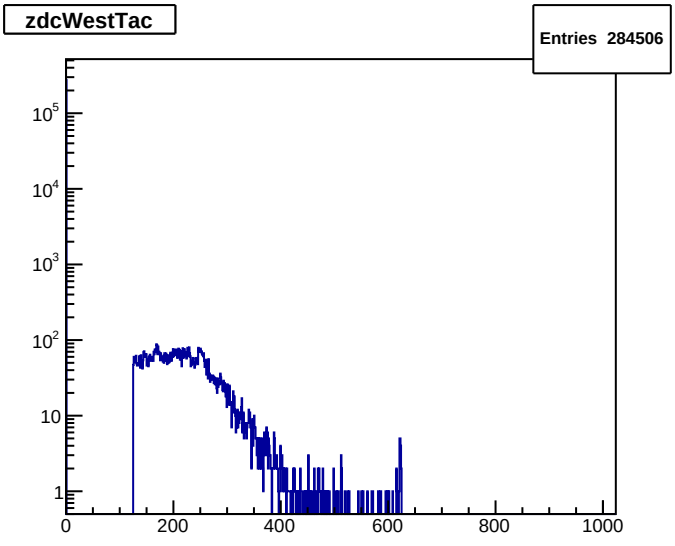

vpdWestAdcSumVsSimu
Entries 221087
Data
Simu

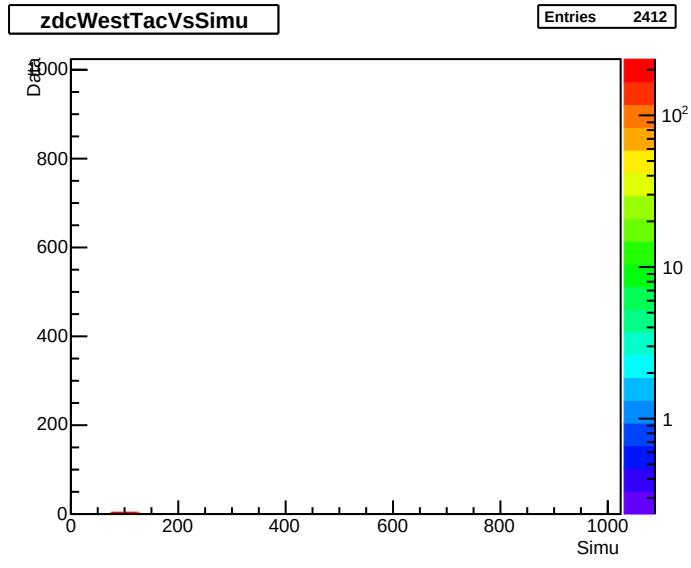

vpdWestTacMax
Entries 284506

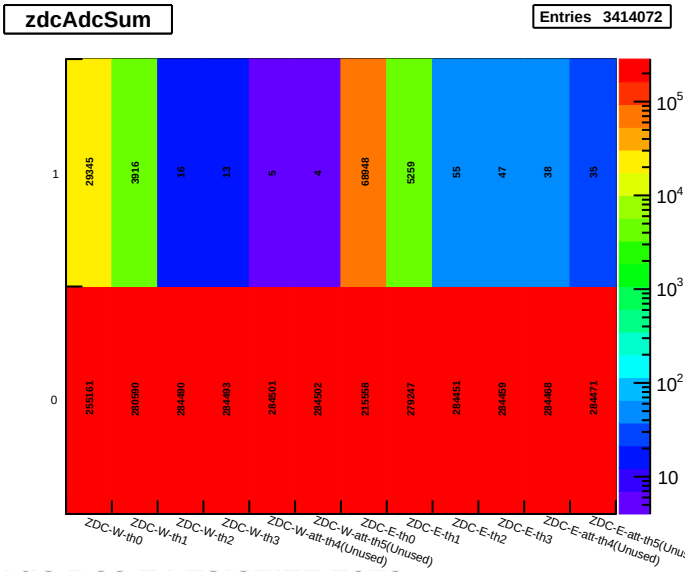

vpdWestTacMaxVsSimu
Entries 221087
Data
Simu

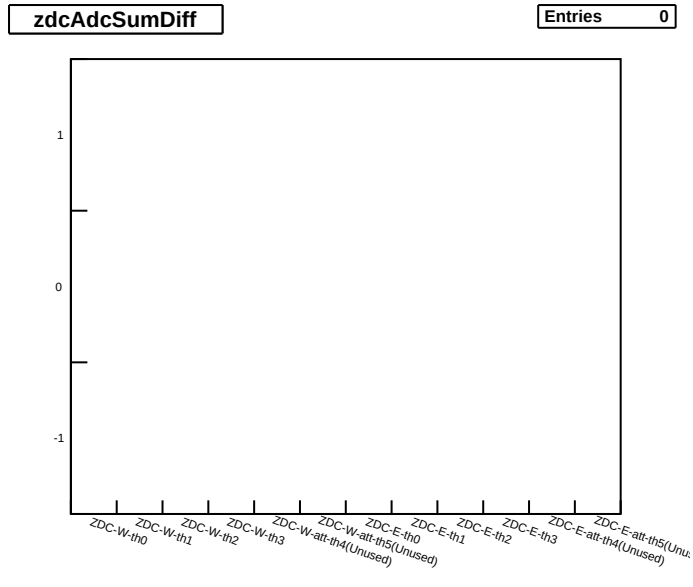

zdcEastTac
Entries 284506


zdcEastTacVsSimu
Entries 1152
Data
Simu


zdcWestTac
Entries 284506


zdcWestTacVsSimu
Entries 2412
Data
Simu


zdcAdcSum
Entries 3414072
29345
3916
16
13
5
4
68948
5259
55
47
38
35
255161
280590
284490
284493
284501
284502
215558
279247
284451
284459
284468
284471
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)
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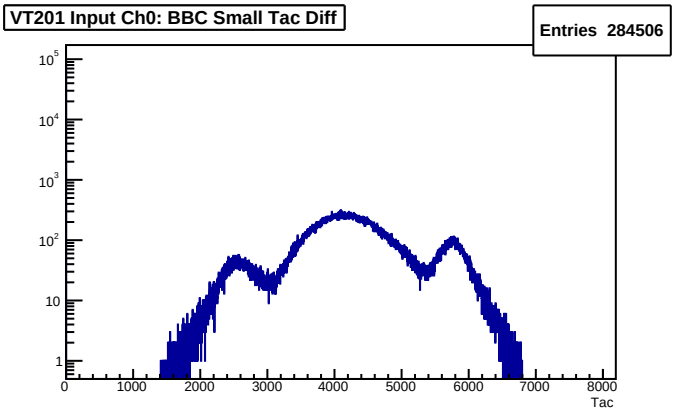
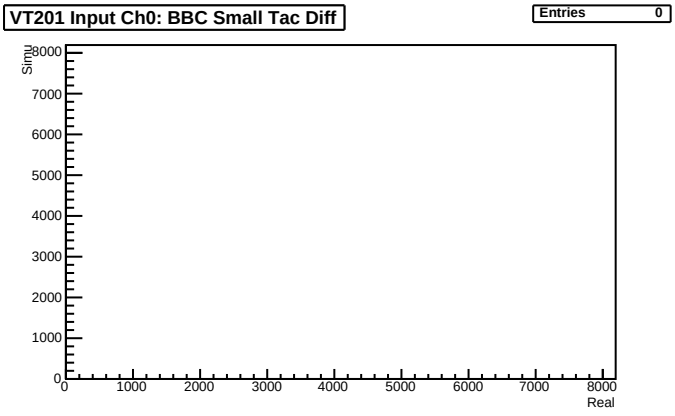
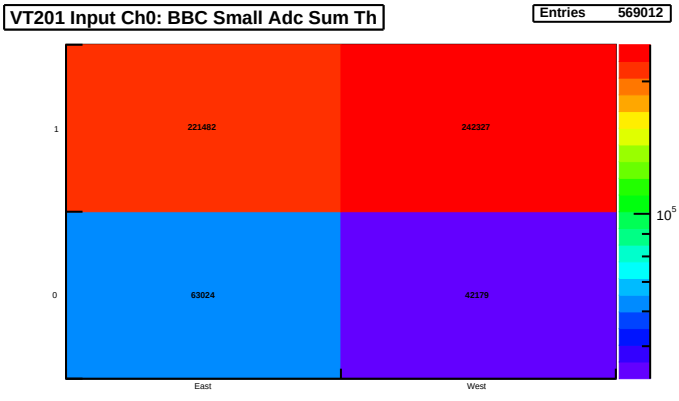
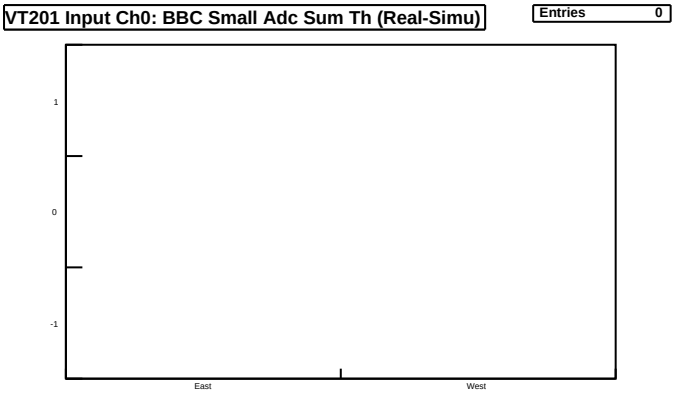
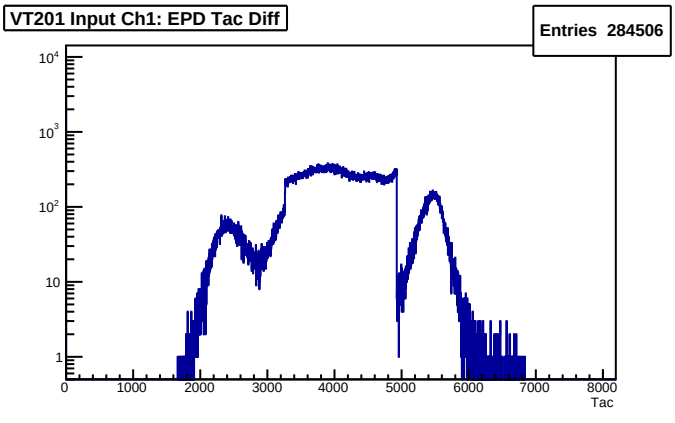
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

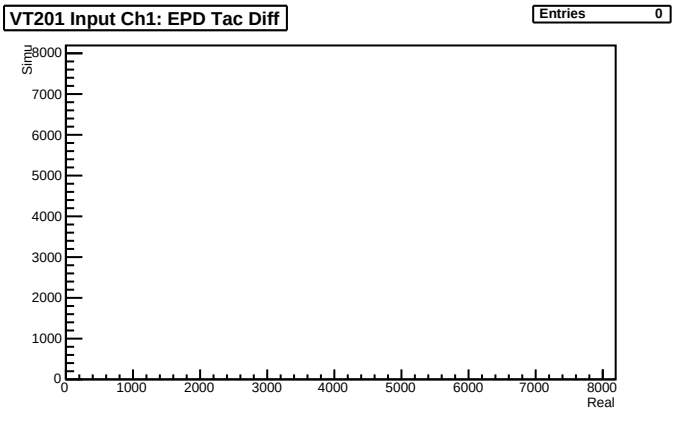

VT201 Input Ch0: BBC Small Tac Diff
Entries 284506
Tac

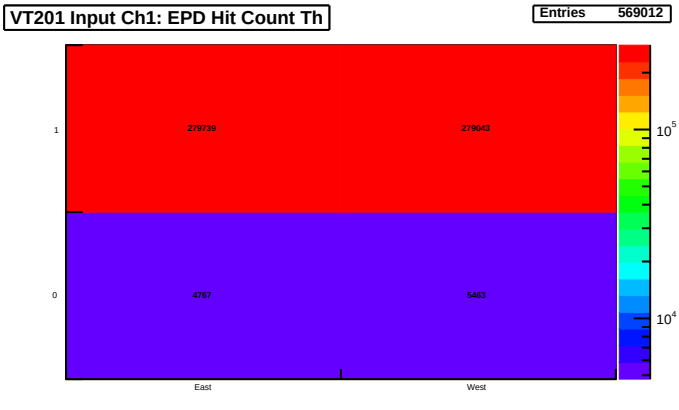

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

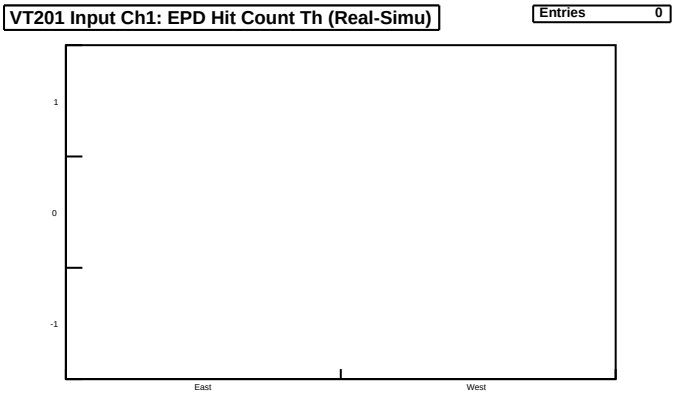

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 569012
221482
242327
63024
42179
East
West

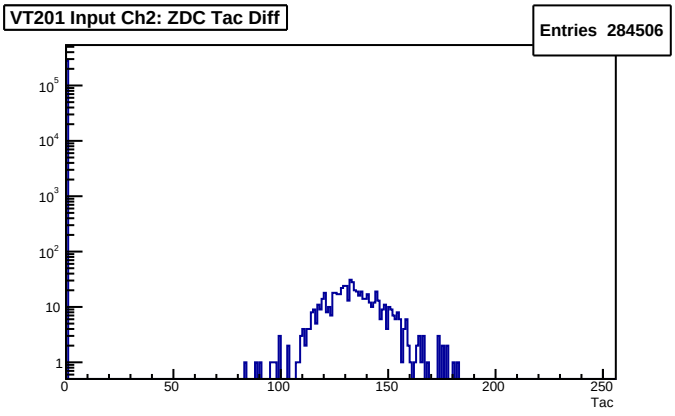

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

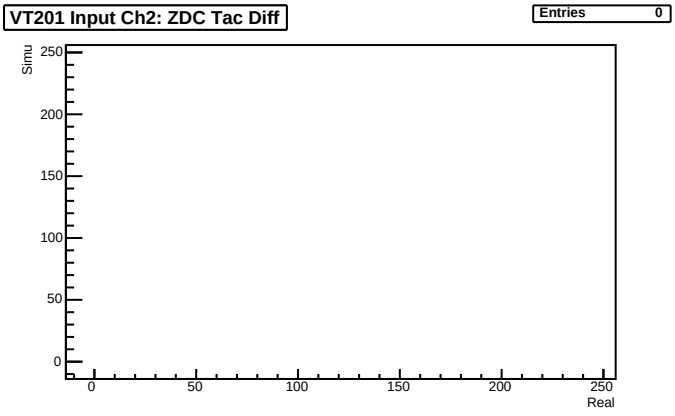

VT201 Input Ch1: EPD Tac Diff
Entries 284506
Tac

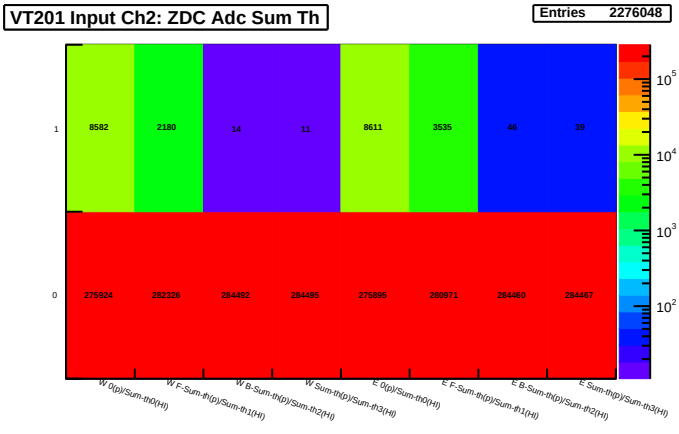

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

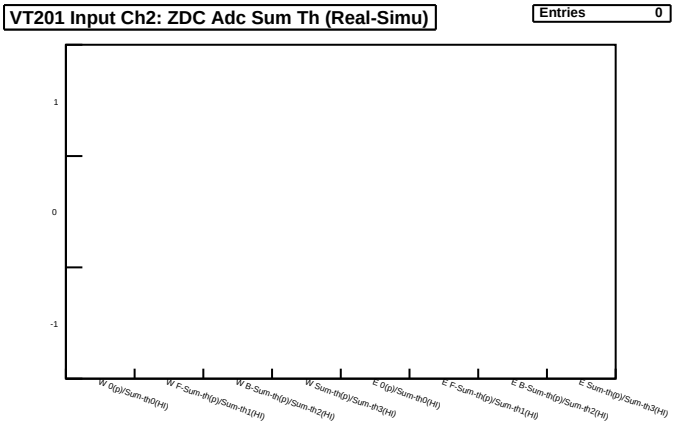

VT201 Input Ch1: EPD Hit Count Th
Entries 569012
279739
279043
4767
5463
East
West

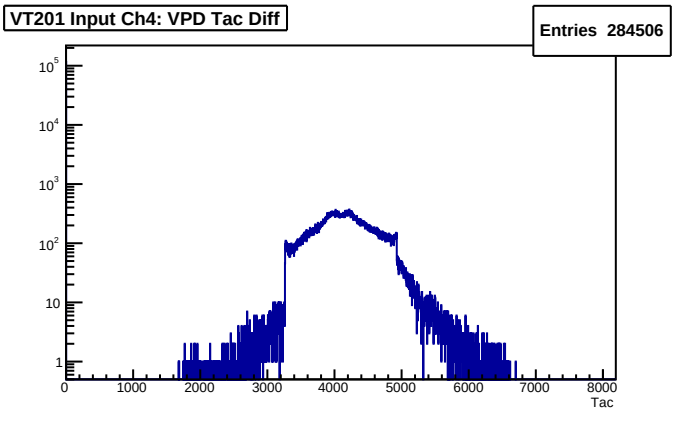

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

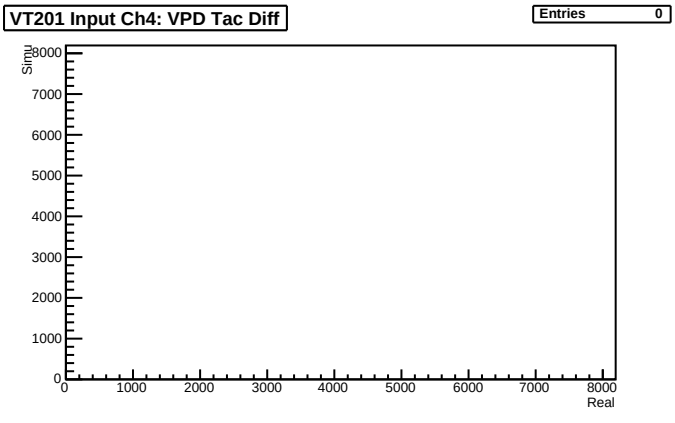

VT201 Input Ch2: ZDC Tac Diff
Entries 284506
Tac

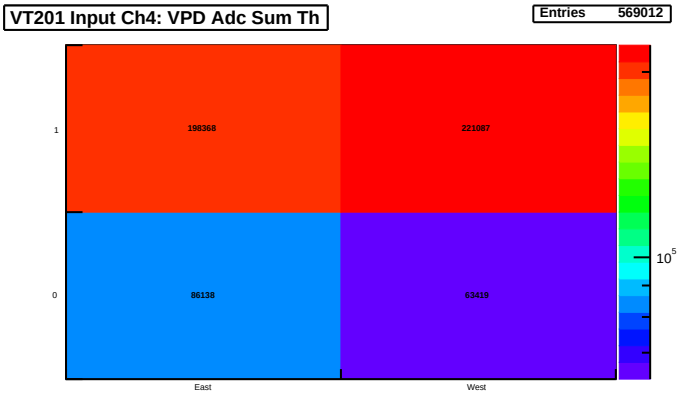

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

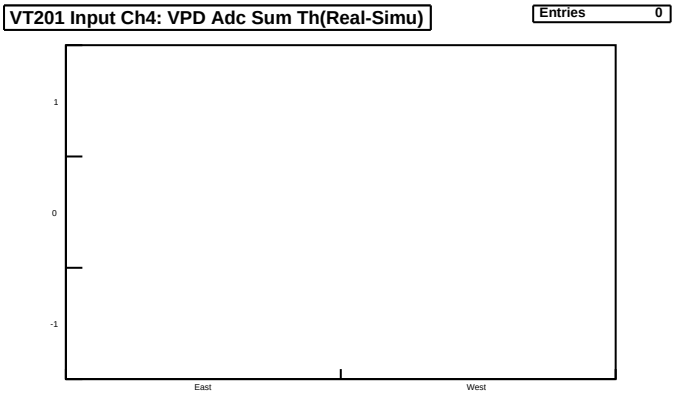

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2276048
8582
2180
14
11
8611
3535
46
39
275924
282326
284492
284495
275895
280971
284460
284467
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

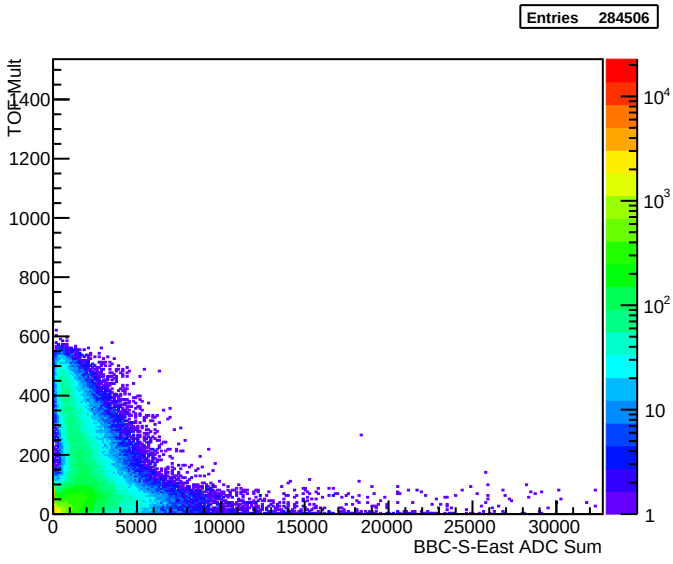

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

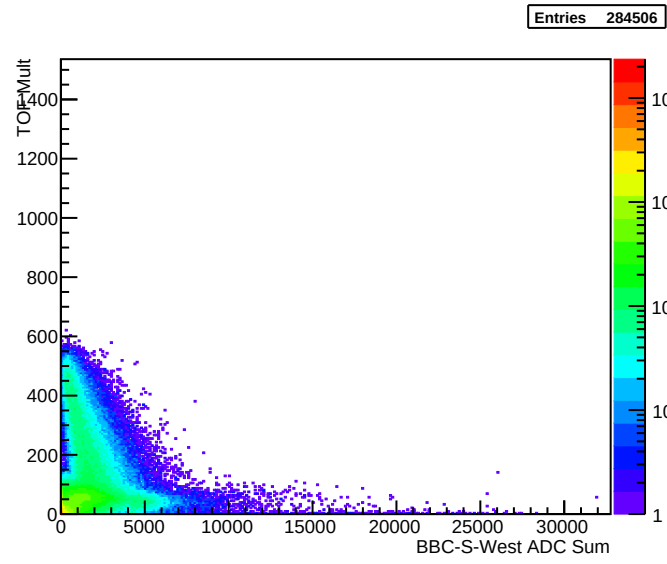

VT201 Input Ch4: VPD Tac Diff
Entries 284506
Tac

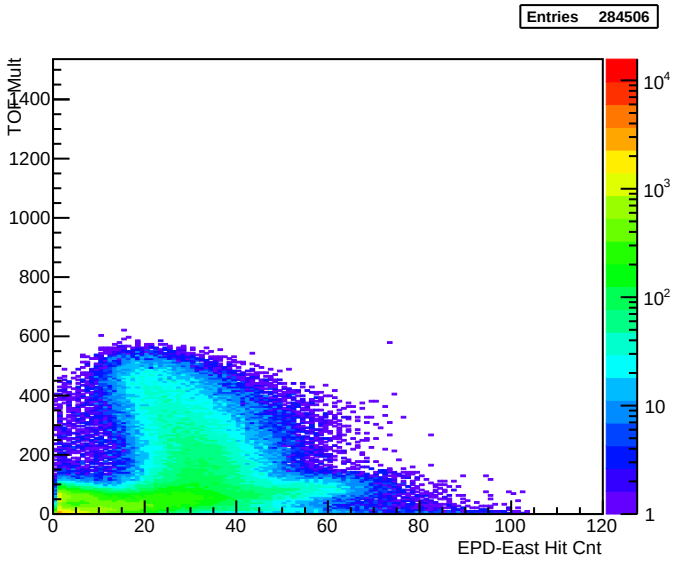

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

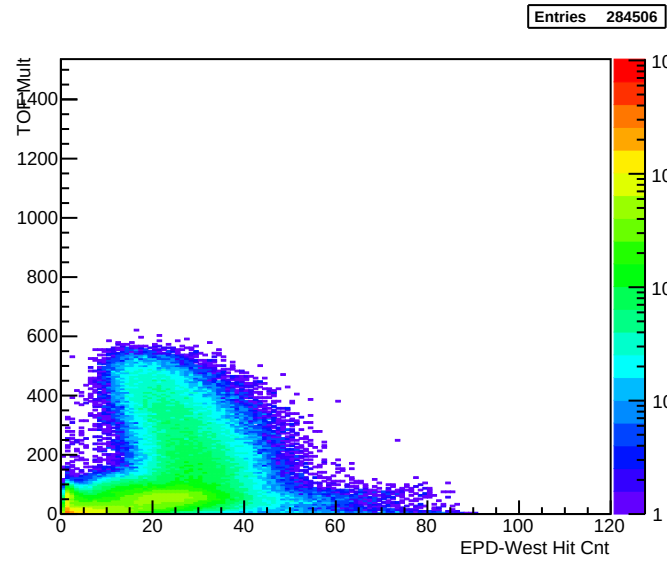

VT201 Input Ch4: VPD Adc Sum Th
Entries 569012
198368
221087
86138
63419
East
West

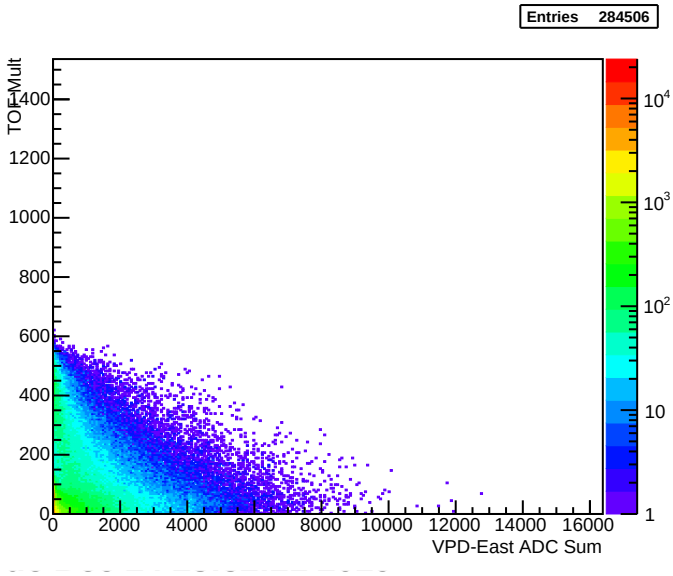

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

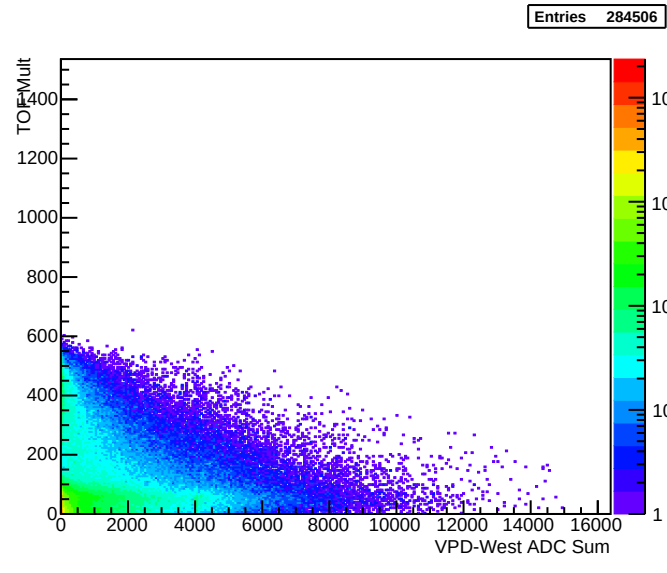

Entries 284506
TOF-Mult
BBC-S-East ADC Sum

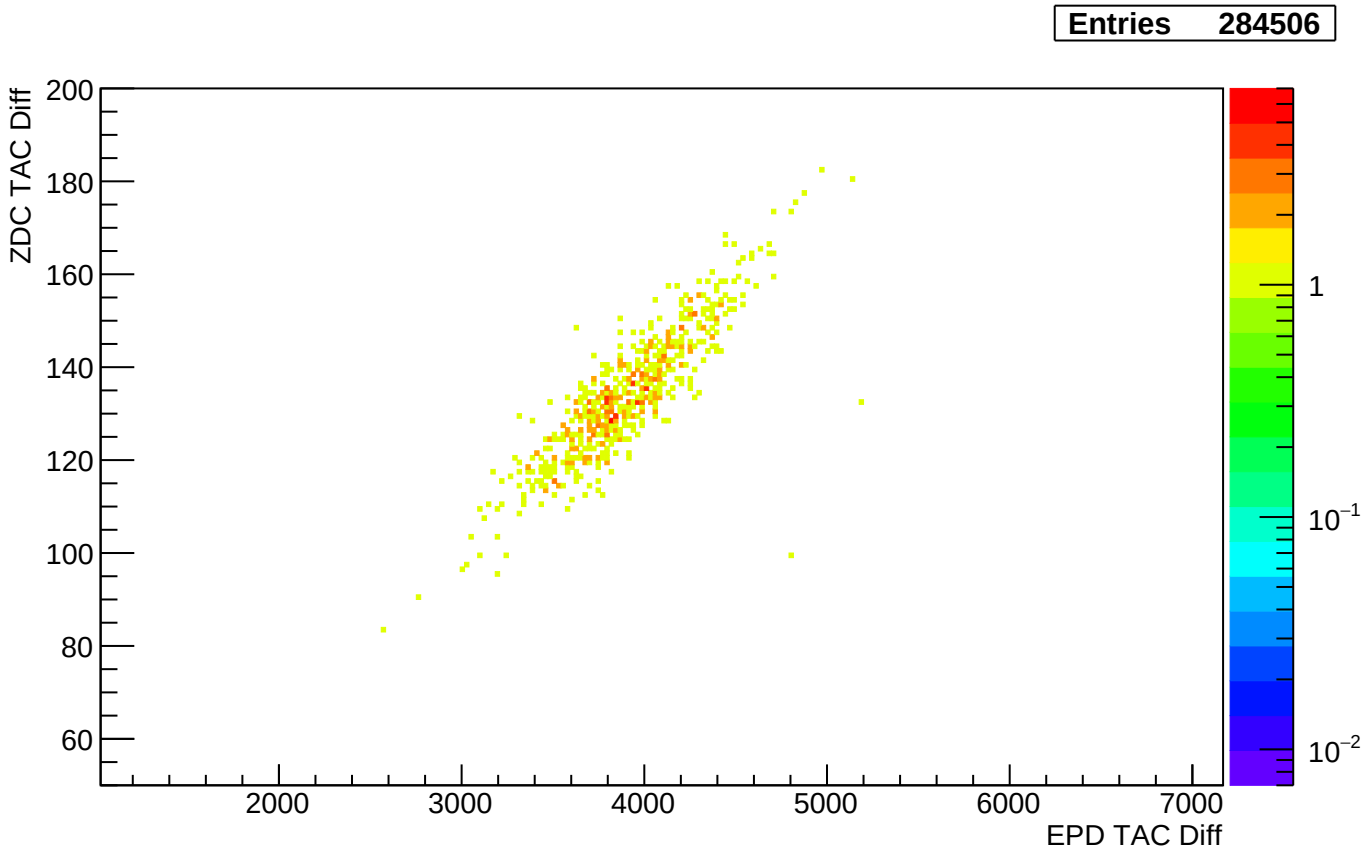

Entries 284506
TOF-Mult
BBC-S-West ADC Sum

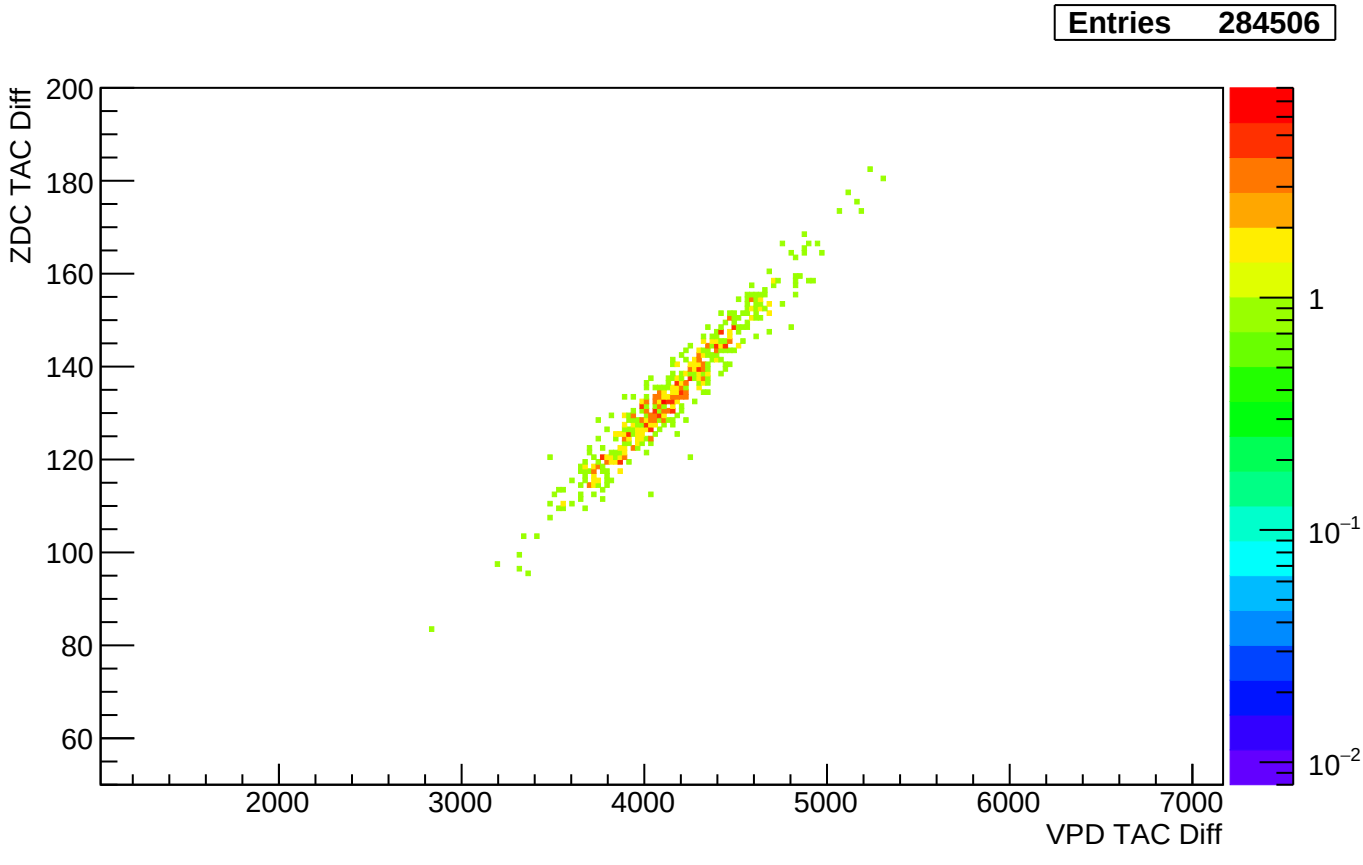

Entries 284506
TOF-Mult
EPD-East Hit Cnt

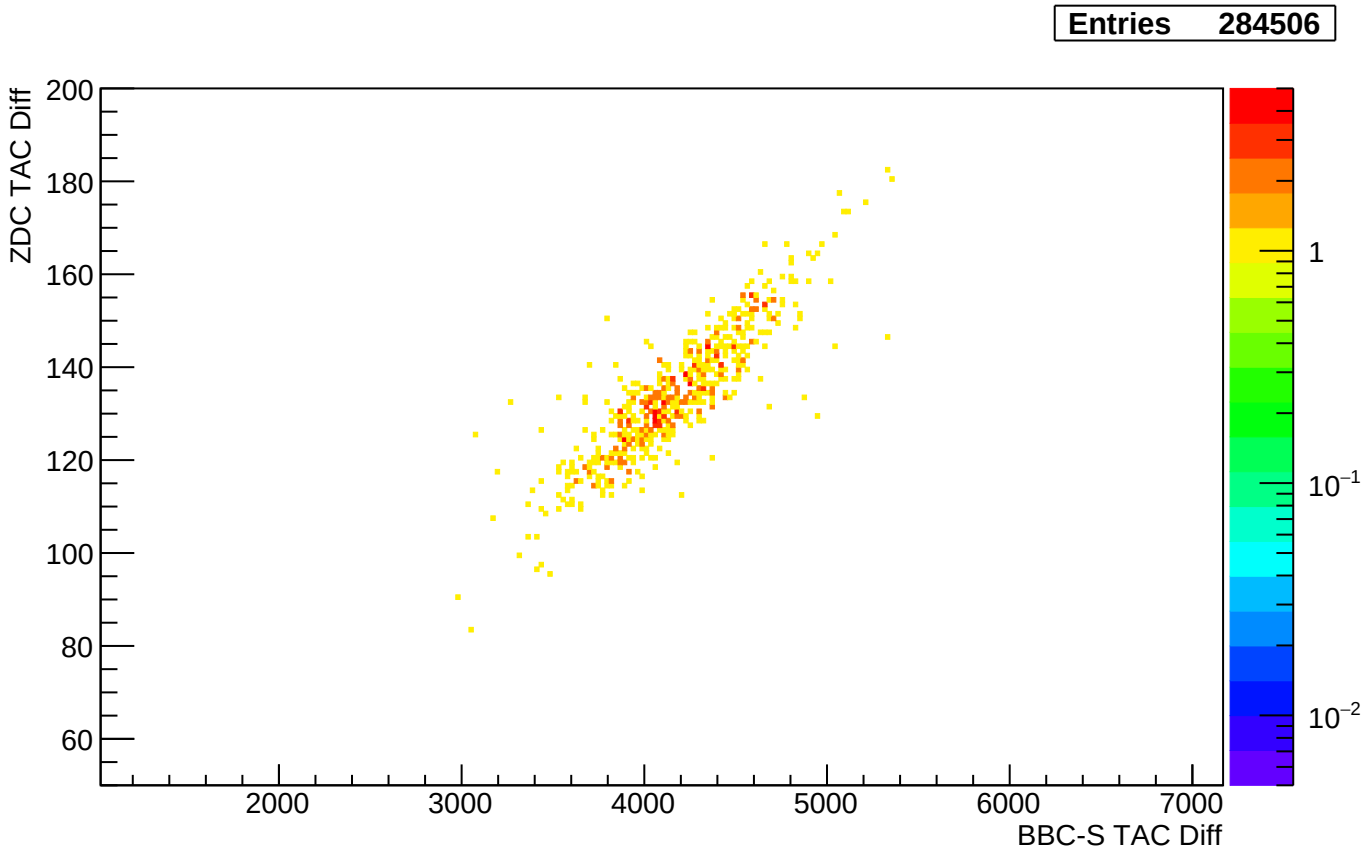

Entries 284506
TOF-Mult
EPD-West Hit Cnt

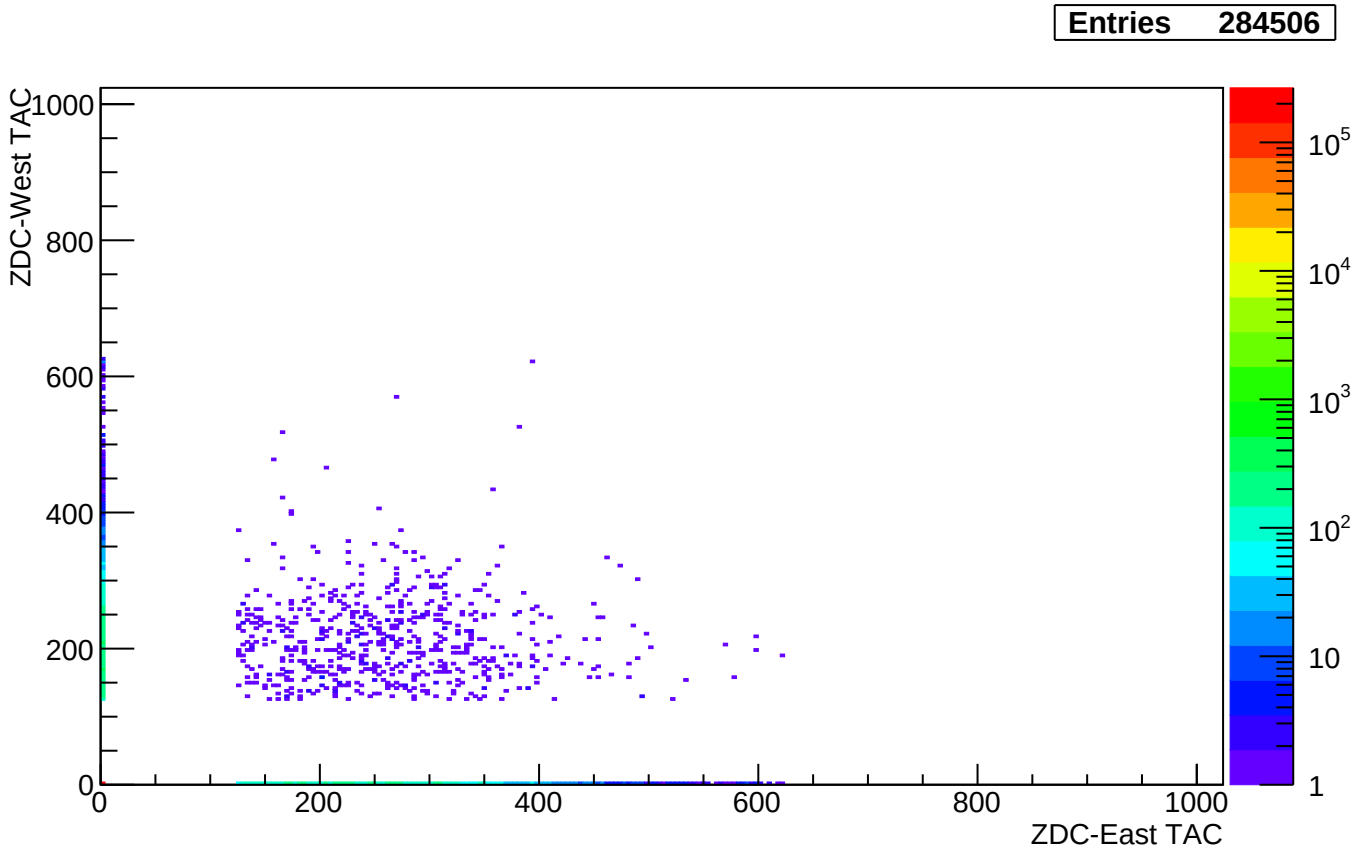

Entries 284506
TOF-Mult
VPD-East ADC Sum

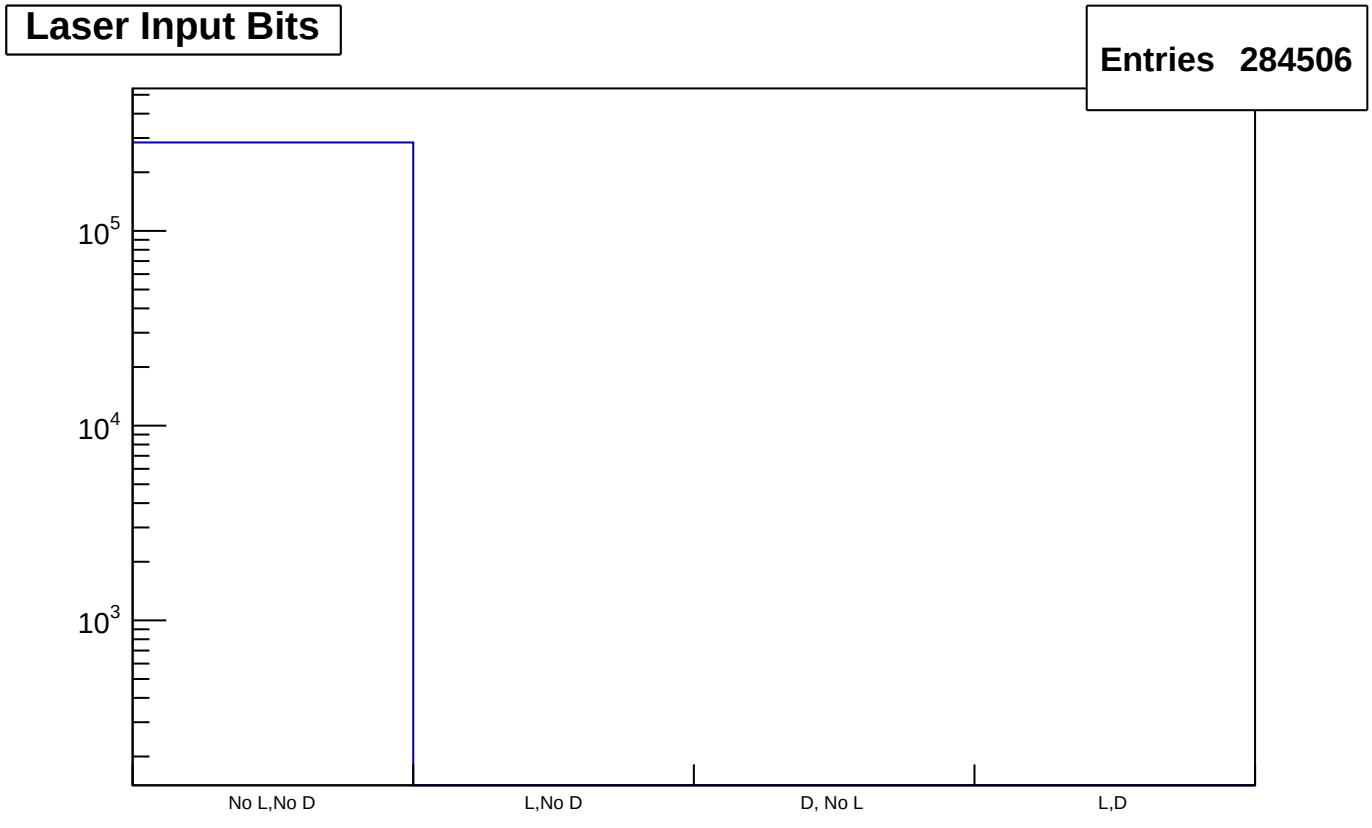

Entries 284506
TOF-Mult
VPD-West ADC Sum

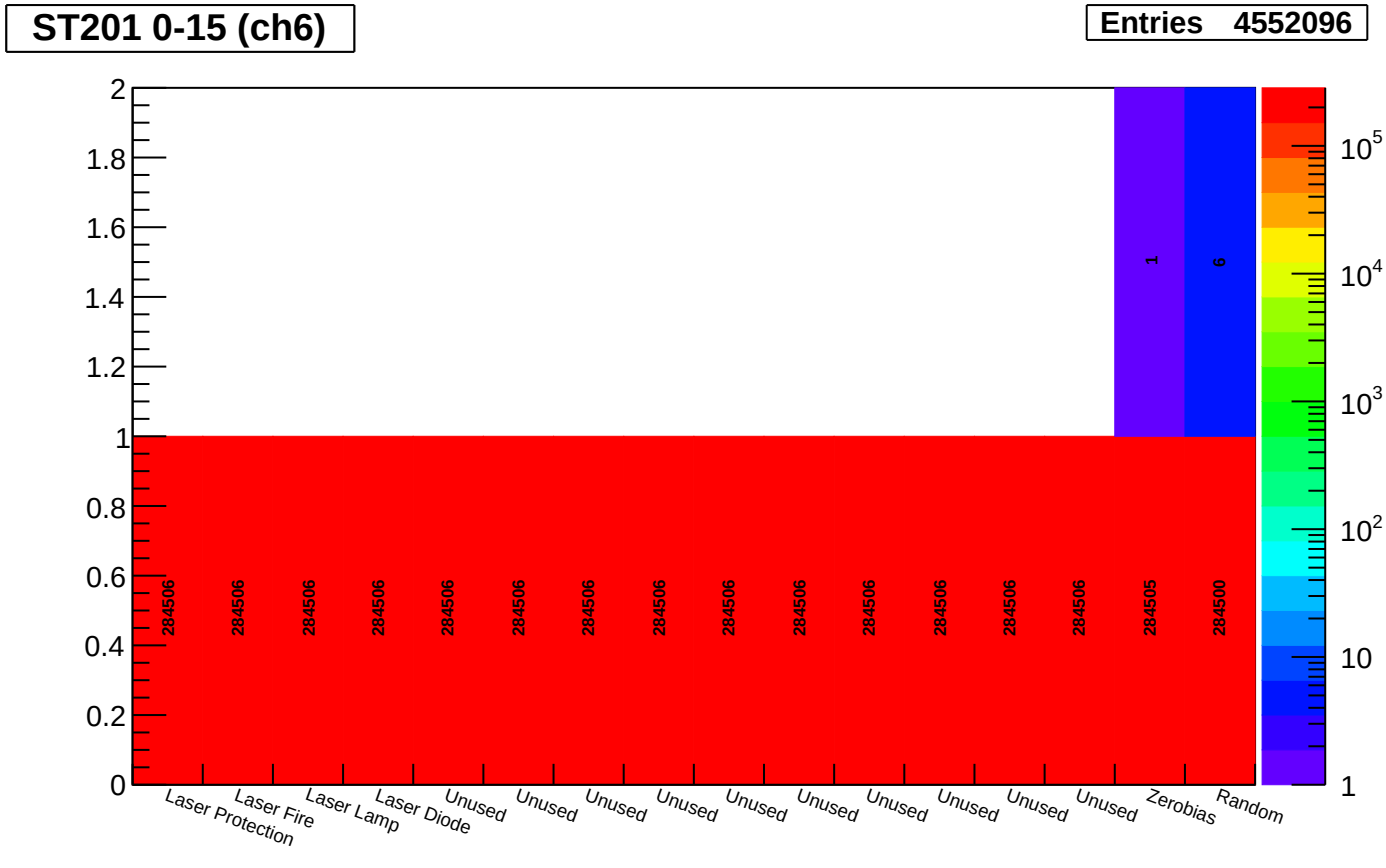

Entries 284506
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

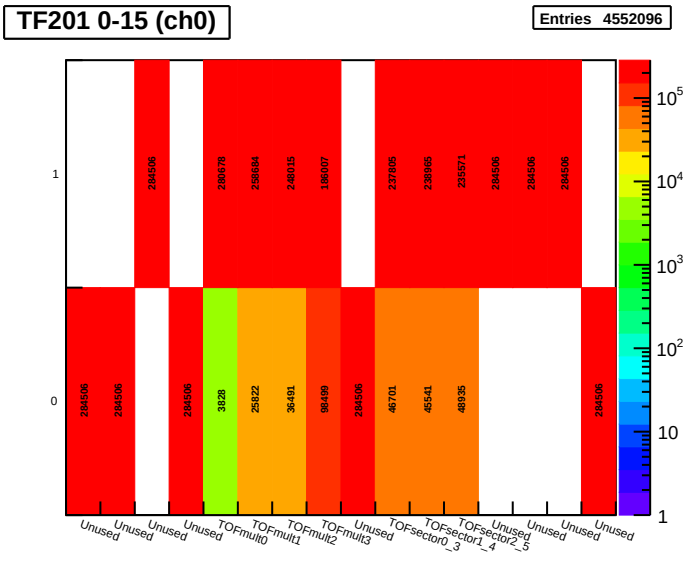

Entries 284506
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

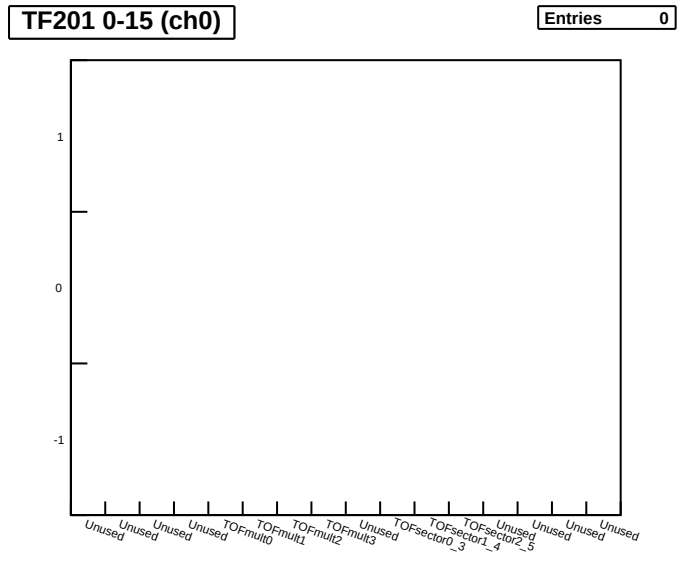

Entries 284506
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

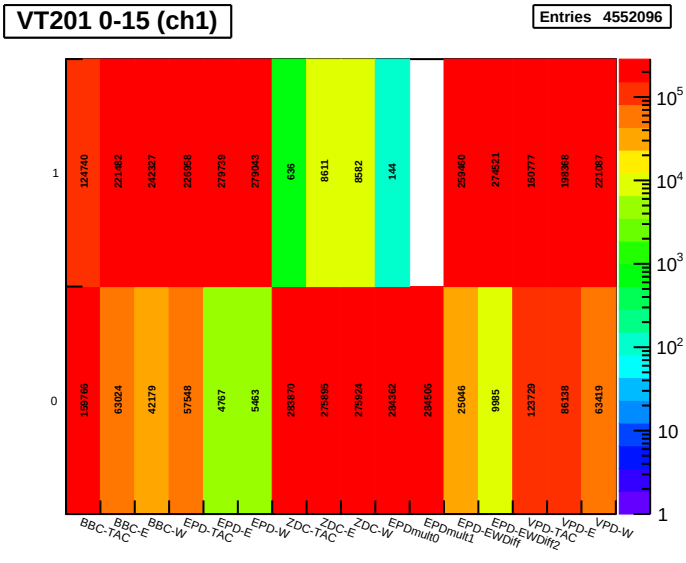

Entries 284506
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

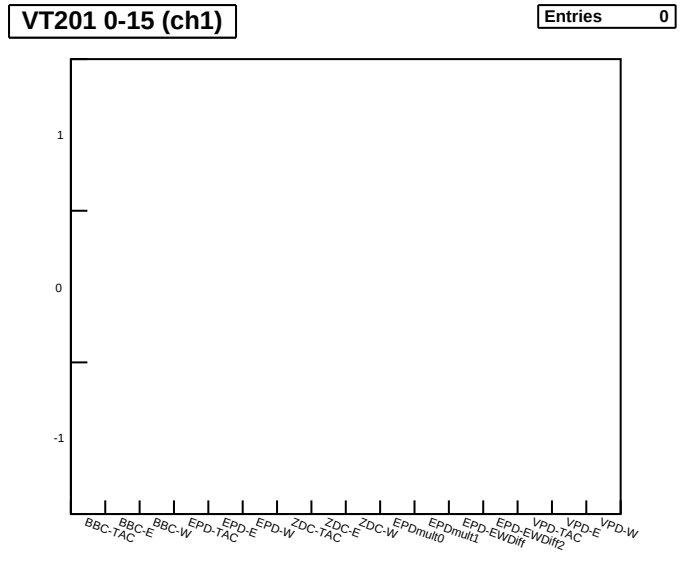

Laser Input Bits
Entries 284506
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

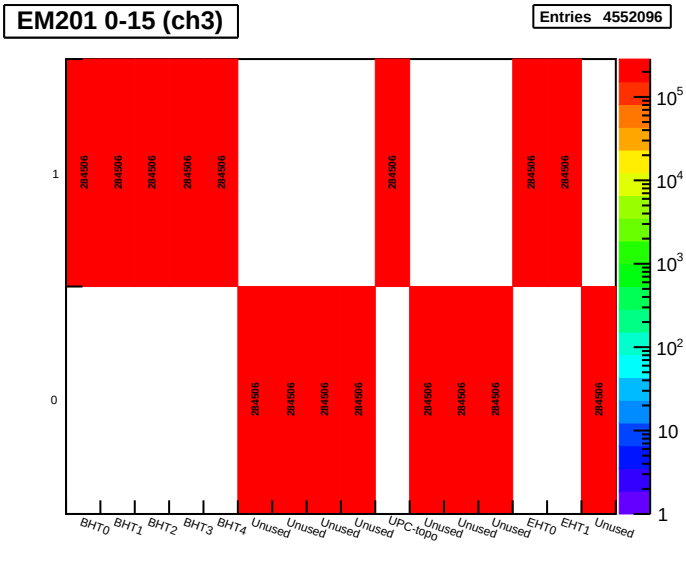

ST201 0-15 (ch6)
Entries 4552096
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
284506
284505
284500
1
6
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

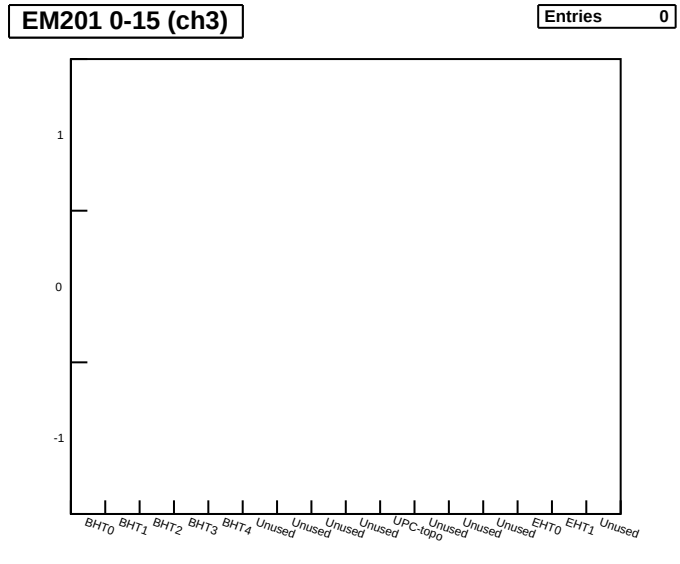

TF201 0-15 (ch0)
Entries 4552096
1
0
284506 284506 284506 284506 284506 280678 238684 248015 186007 237805 238965 235571 284506 284506 284506
3828 25822 36491 98499 46701 45541 48935
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused 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


VT201 0-15 (ch1)
Entries 4552096
1
0
124740 221482 242327 226958 279739 279043 636 8611 8582 144 259460 274521 160777 198368 221087
159766 63024 42179 57548 4767 5463 283870 275895 275924 284362 284506 25046 9985 123729 86138 63419
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 4552096
1
0
284506 284506 284506 284506 284506 284506 284506 284506
284506 284506 284506 284506 284506 284506 284506 284506
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