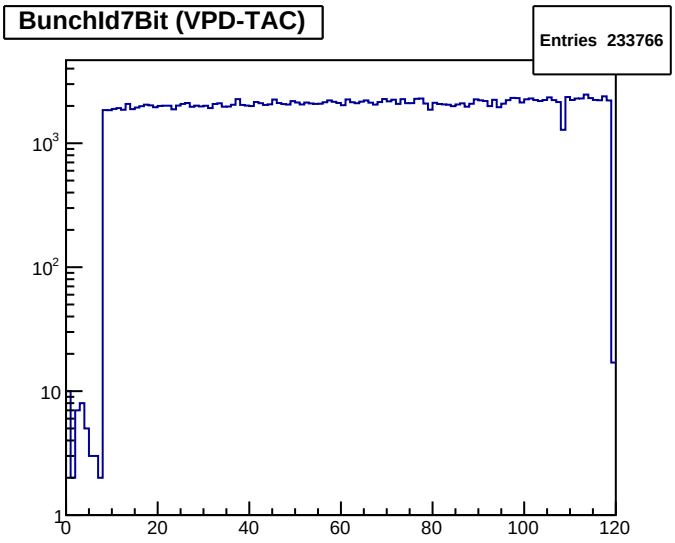
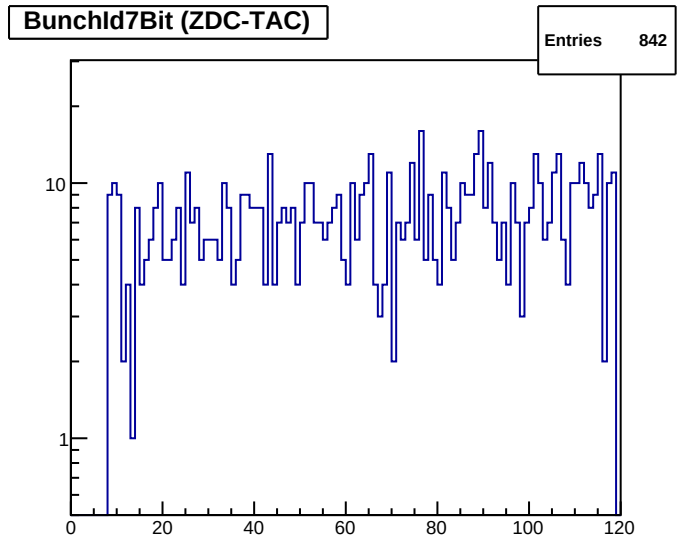
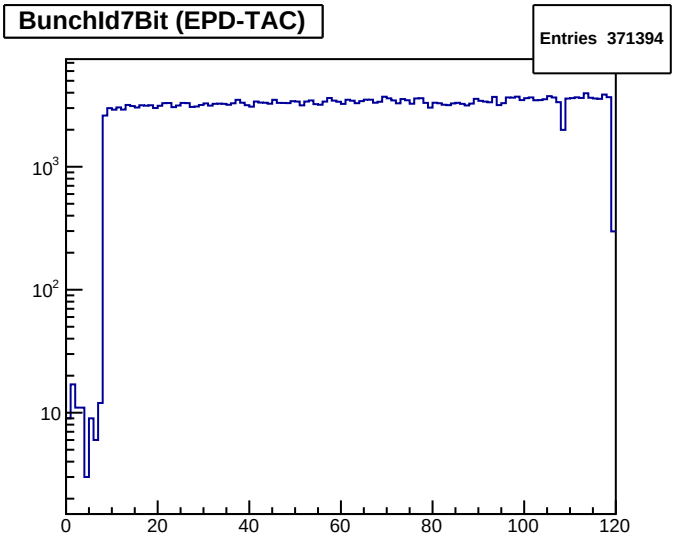
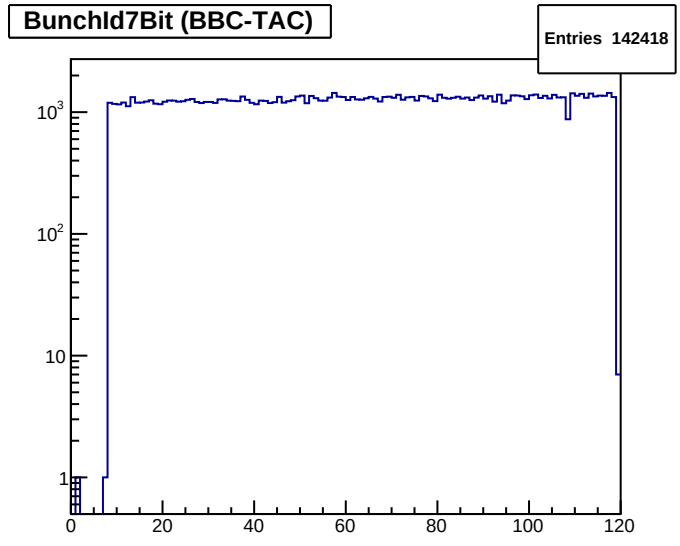
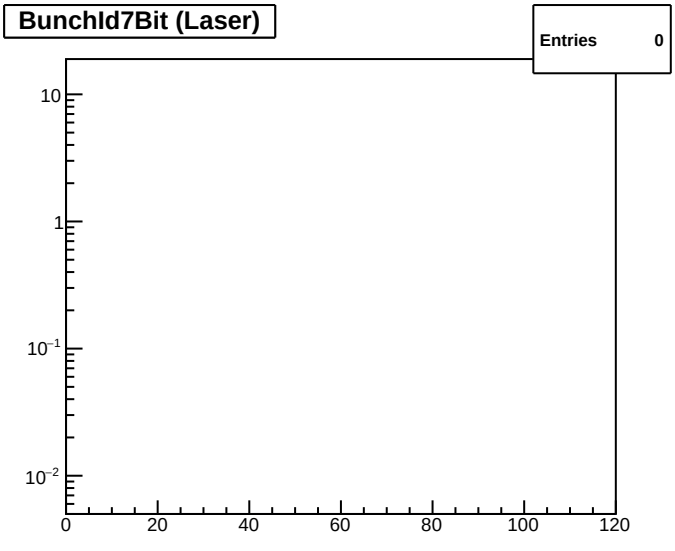
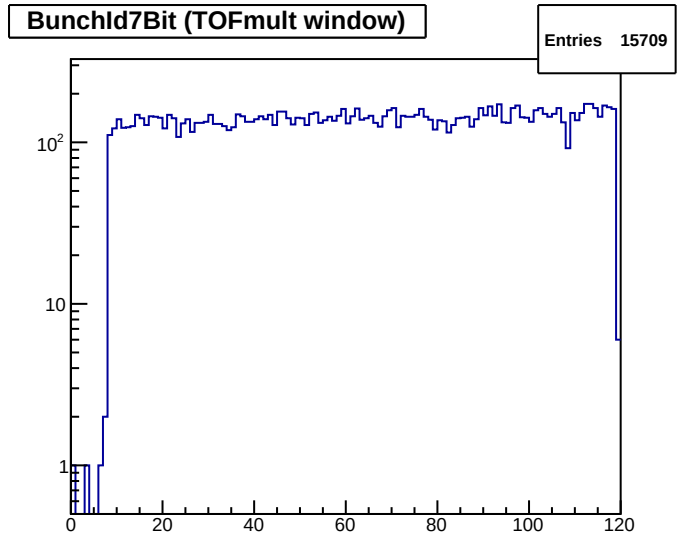

BunchId7Bit (VPD-TAC)
Entries 233766

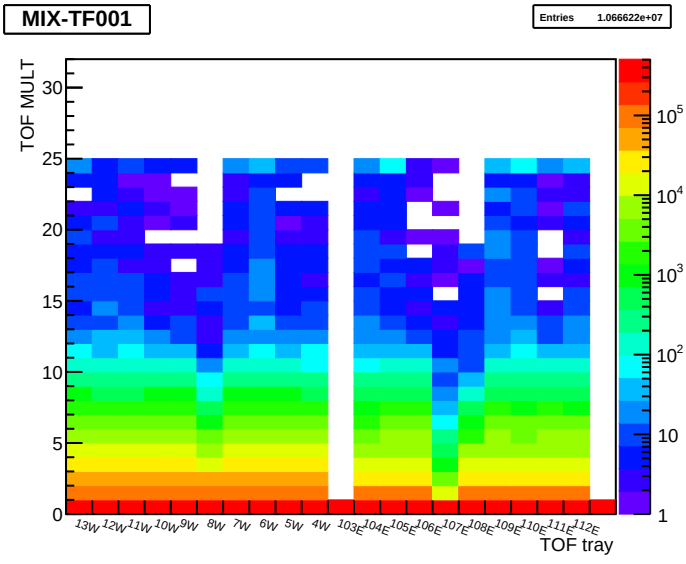

BunchId7Bit (ZDC-TAC)
Entries 842

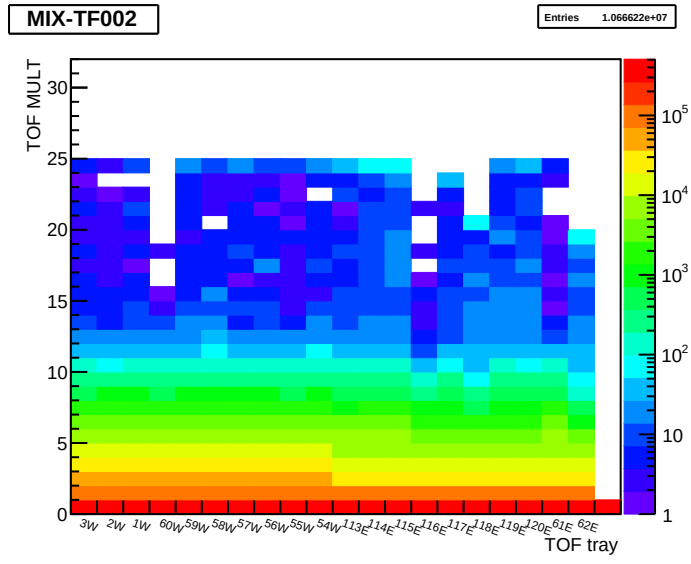

BunchId7Bit (EPD-TAC)
Entries 371394

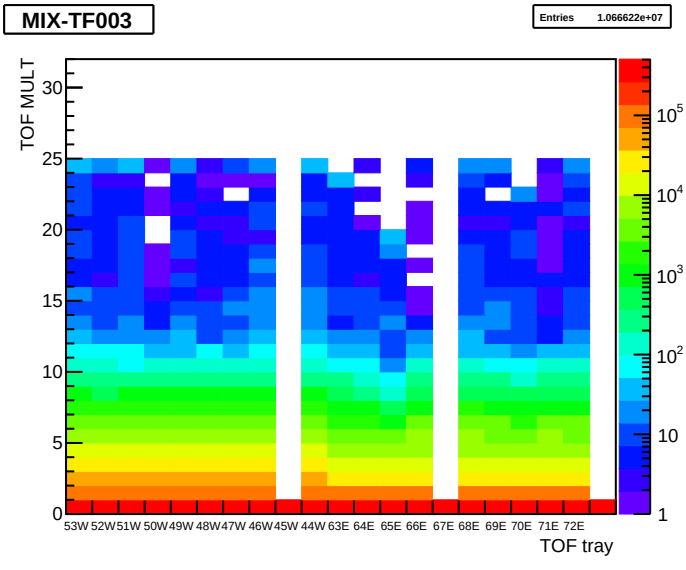

BunchId7Bit (BBC-TAC)
Entries 142418

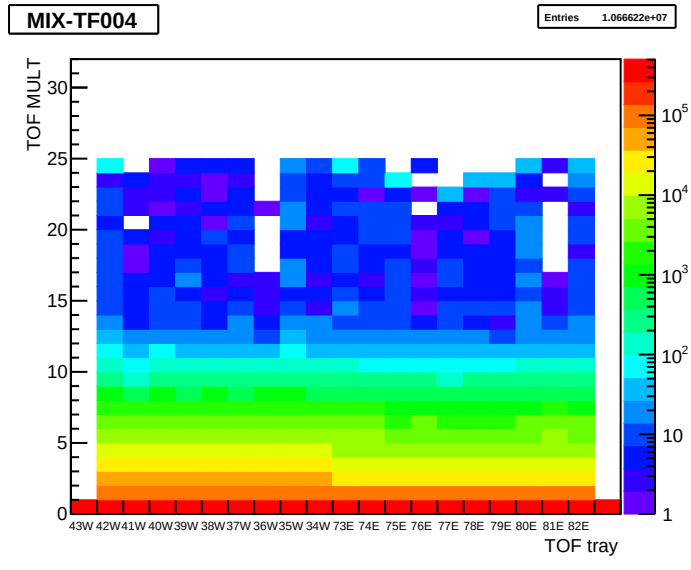

BunchId7Bit (Laser)
Entries 0

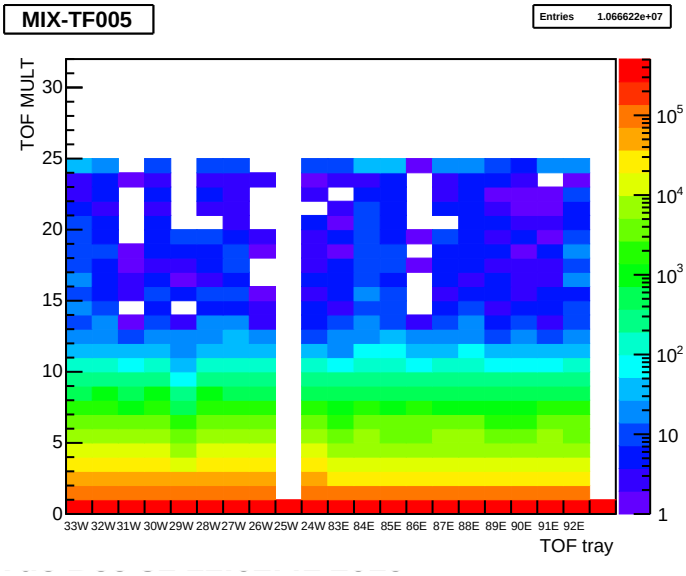

BunchId7Bit (TOFmult window)
Entries 15709

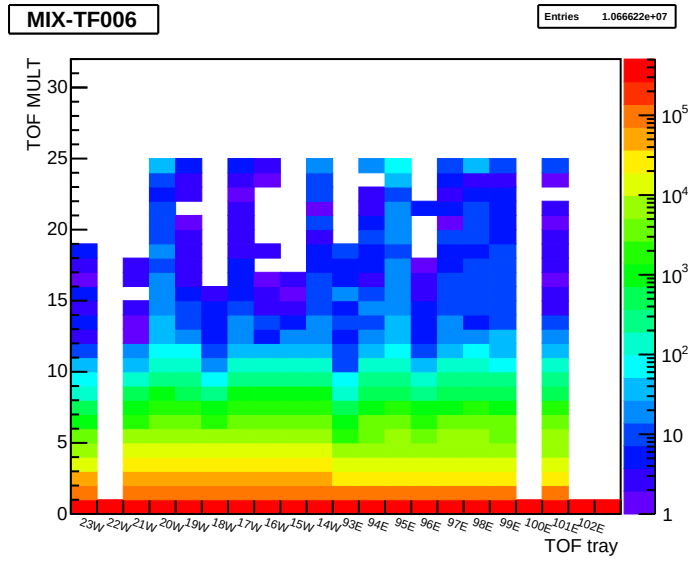

MIX-TF001
Entries 1.066622e+07
TOF MULT
TOF tray

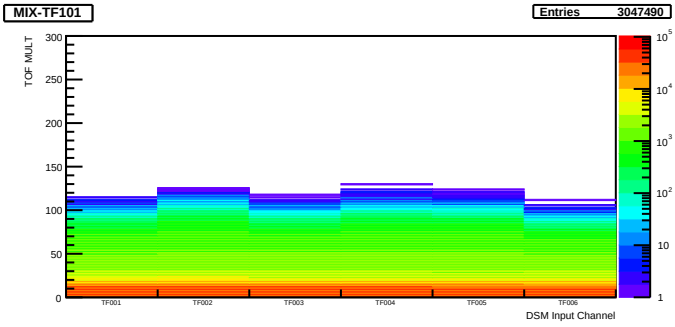

MIX-TF002
Entries 1.066622e+07
TOF MULT
TOF tray

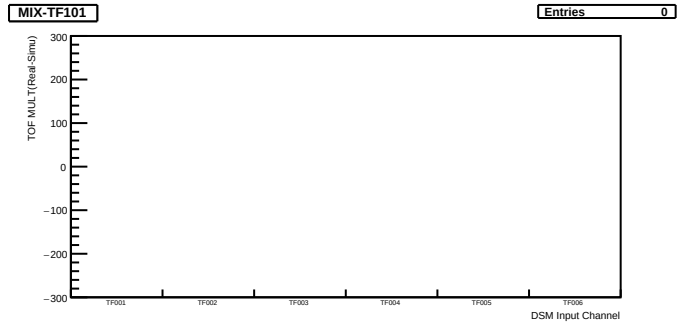

MIX-TF003
Entries 1.066622e+07
TOF MULT
TOF tray

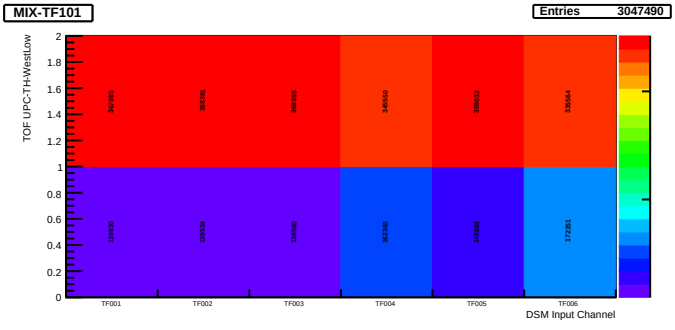

MIX-TF004
Entries 1.066622e+07
TOF MULT
TOF tray

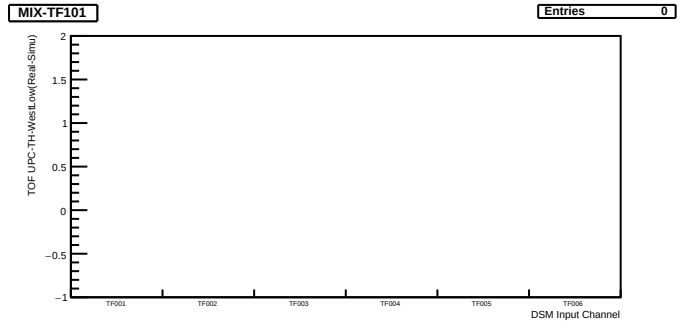

MIX-TF005
Entries 1.066622e+07
TOF MULT
TOF tray

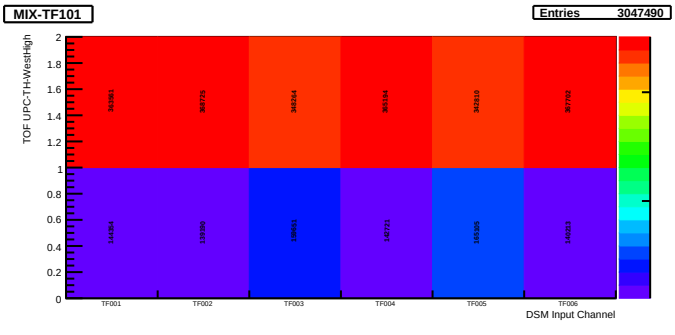

MIX-TF006
Entries 1.066622e+07
TOF MULT
TOF tray

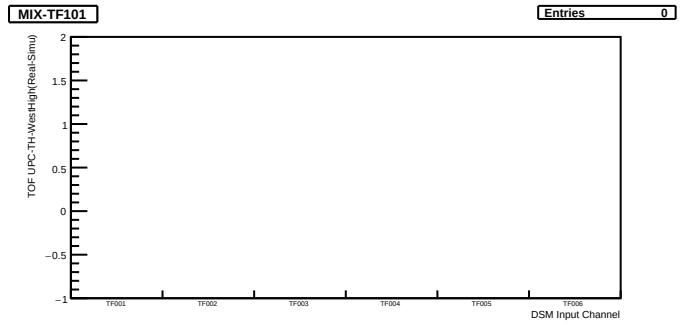

MIX-TF101
Entries 3047490
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

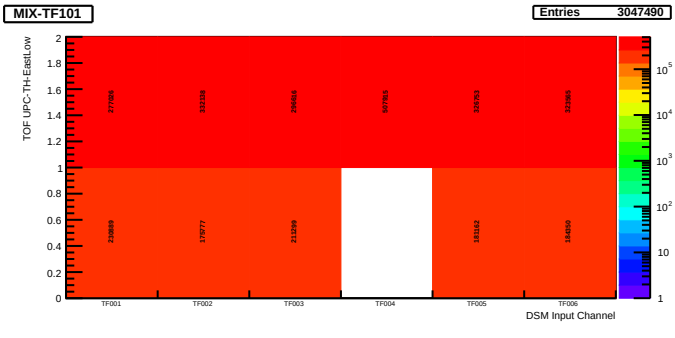

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

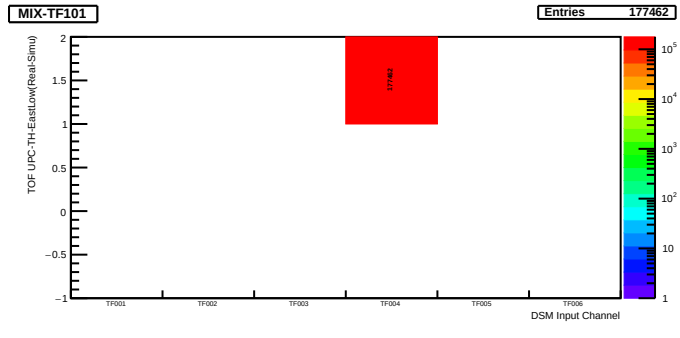

MIX-TF101
Entries 3047490
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

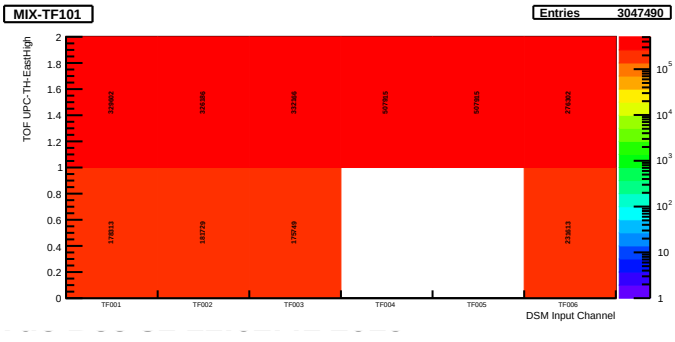

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

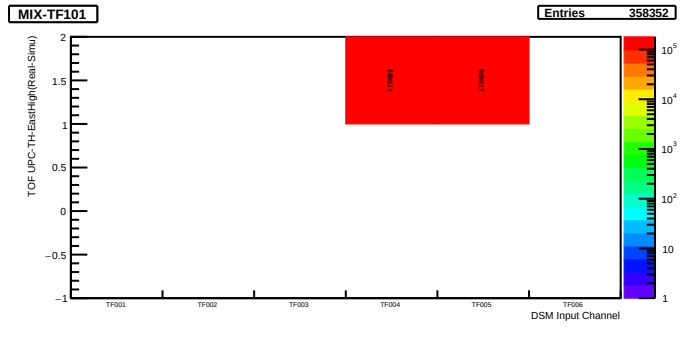

MIX-TF101
Entries 3047490
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

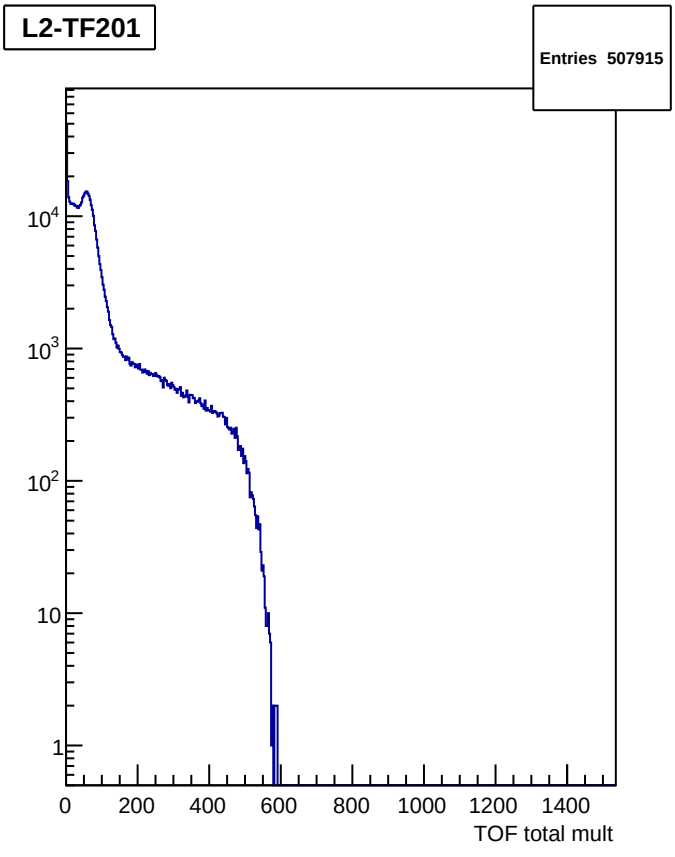

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

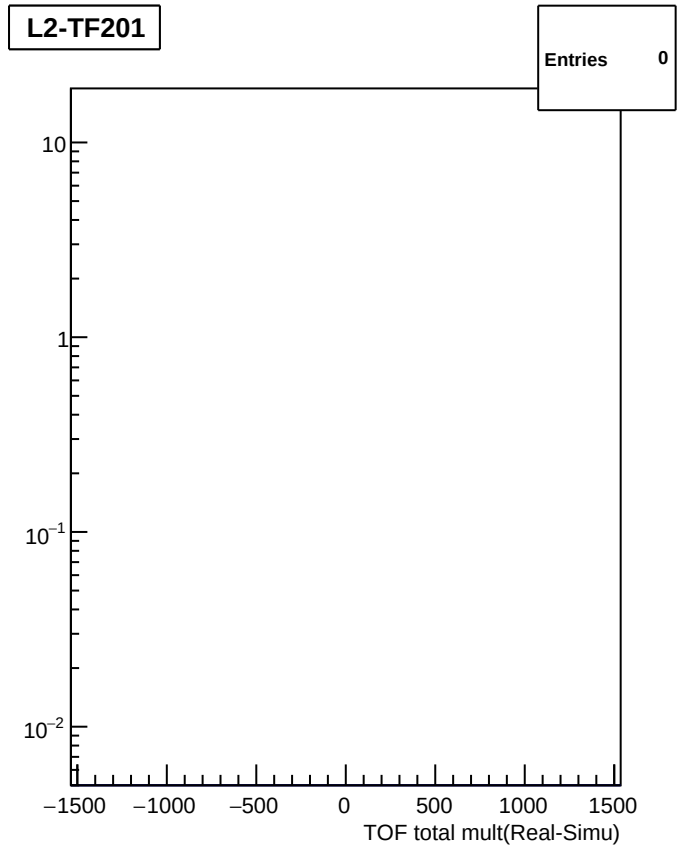

MIX-TF101
Entries 3047490
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

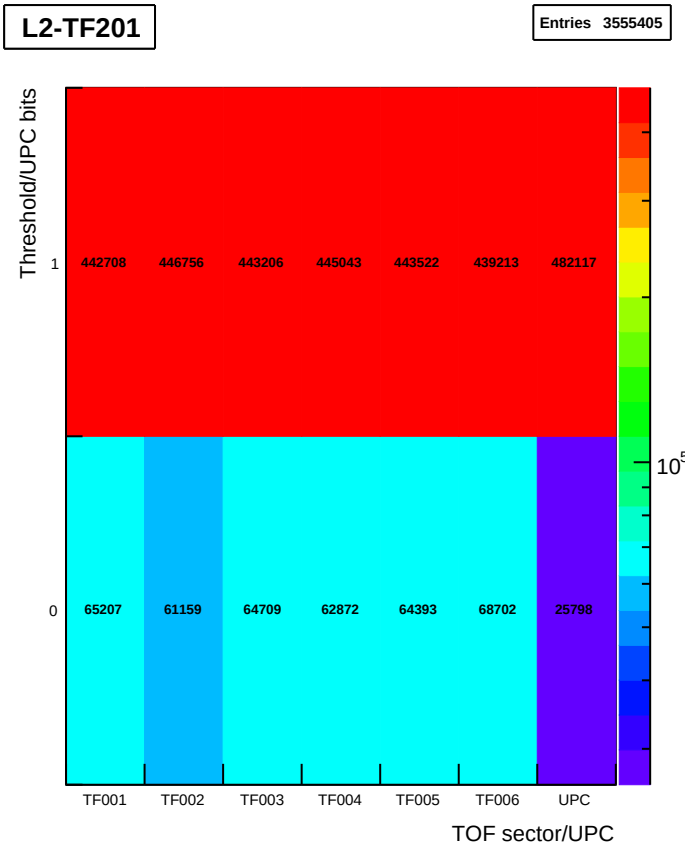

MIX-TF101
Entries 177462
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

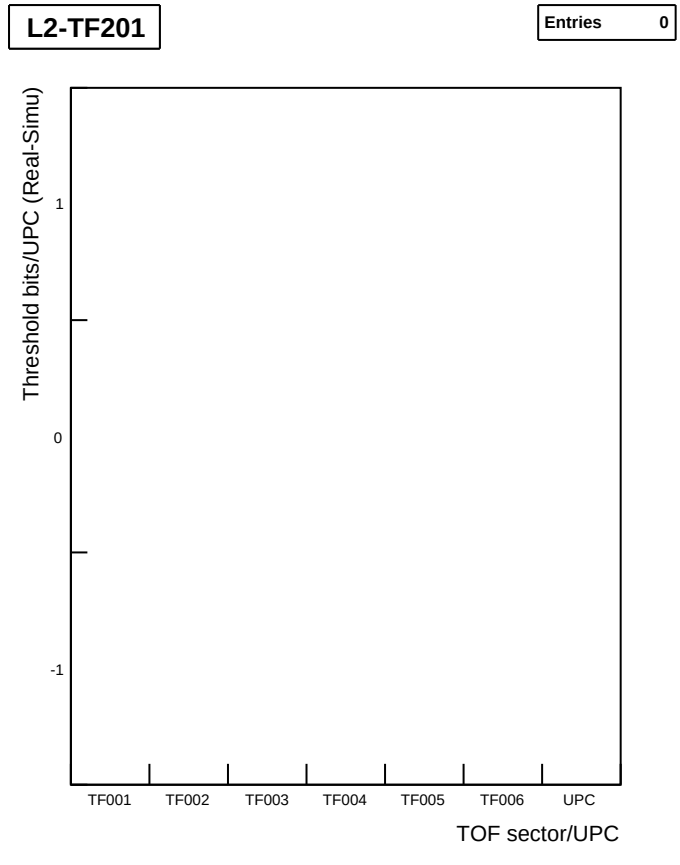

MIX-TF101
Entries 3047490
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

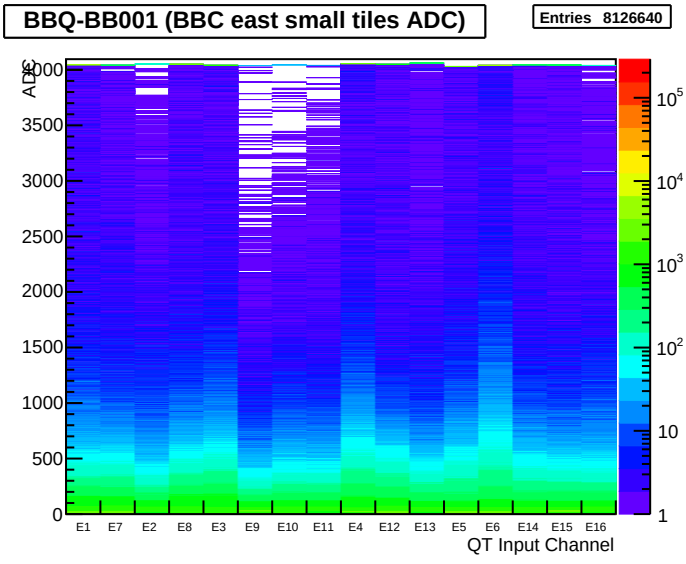

MIX-TF101
Entries 358352
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

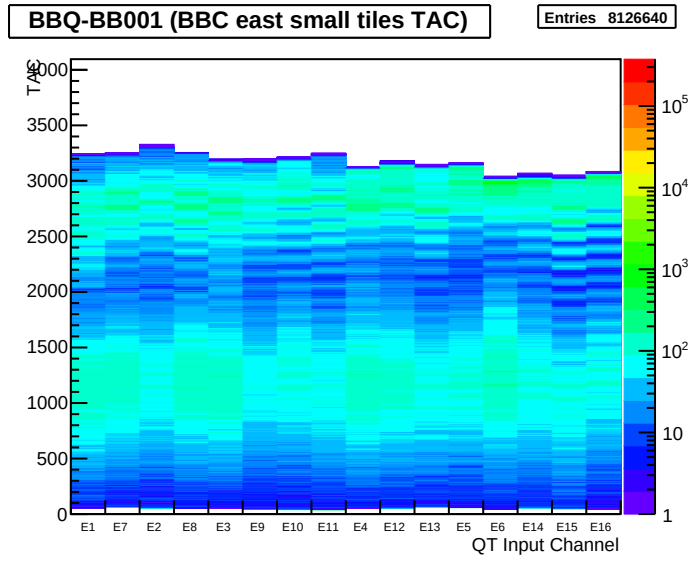

L2-TF201
Entries 507915
TOF total mult

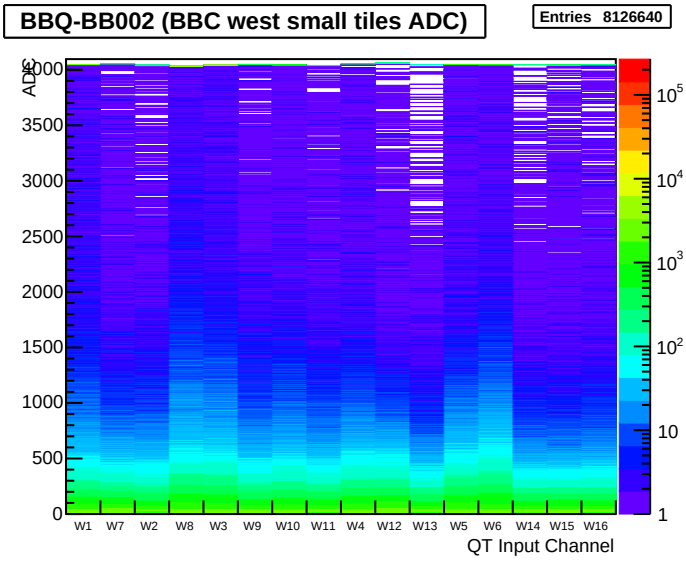

L2-TF201
Entries 0
TOF total mult(Real-Simu)

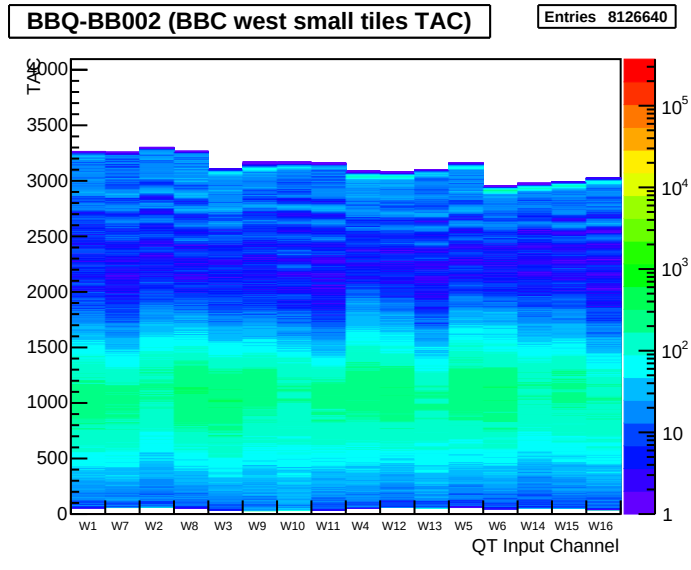

L2-TF201
Entries 3555405
Threshold/UPC bits
442708
446756
443206
445043
443522
439213
482117
65207
61159
64709
62872
64393
68702
25798
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

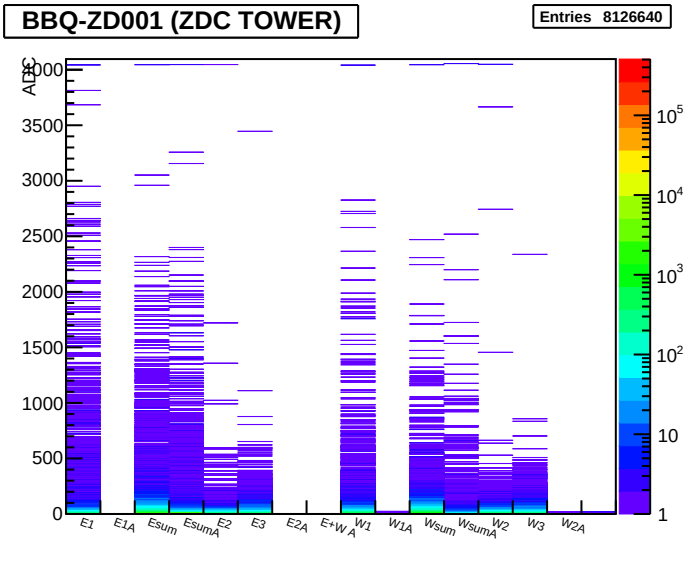

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

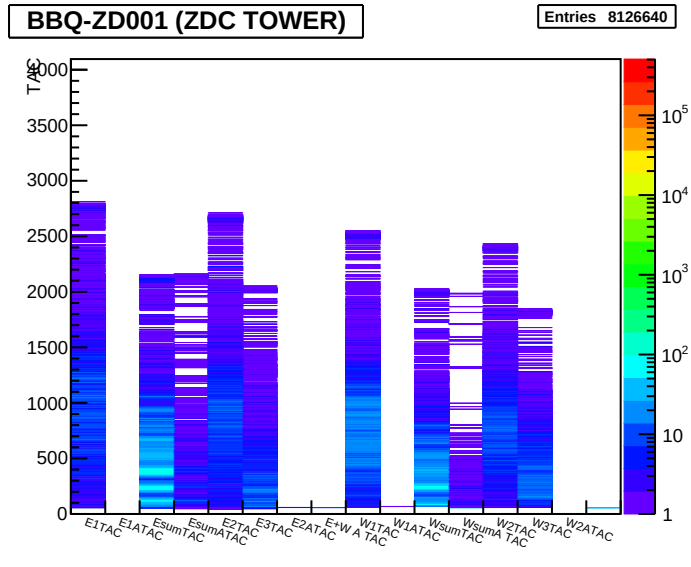

BBQ-BB001 (BBC east small tiles ADC)
Entries 8126640
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

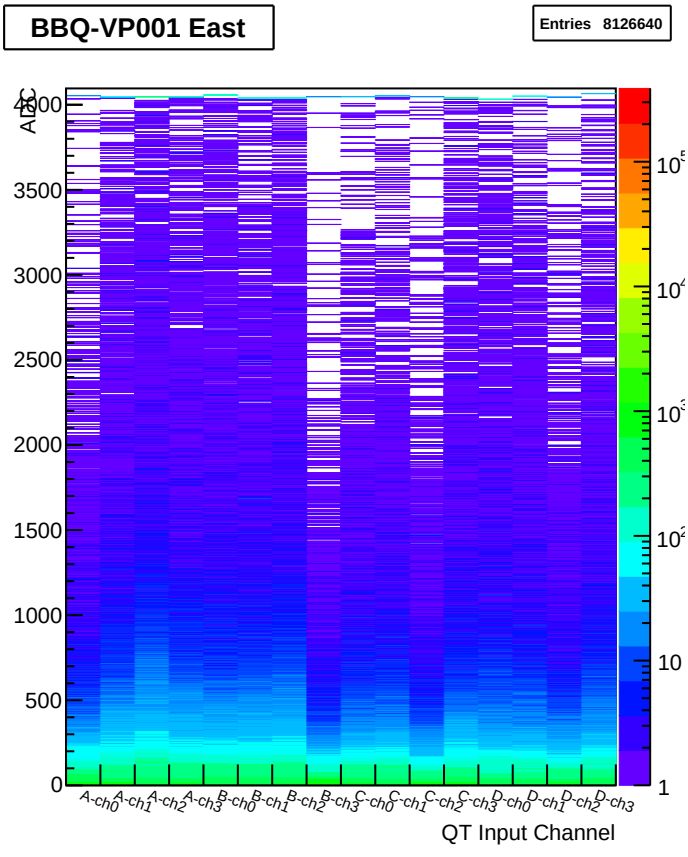

BBQ-BB001 (BBC east small tiles TAC)
Entries 8126640
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

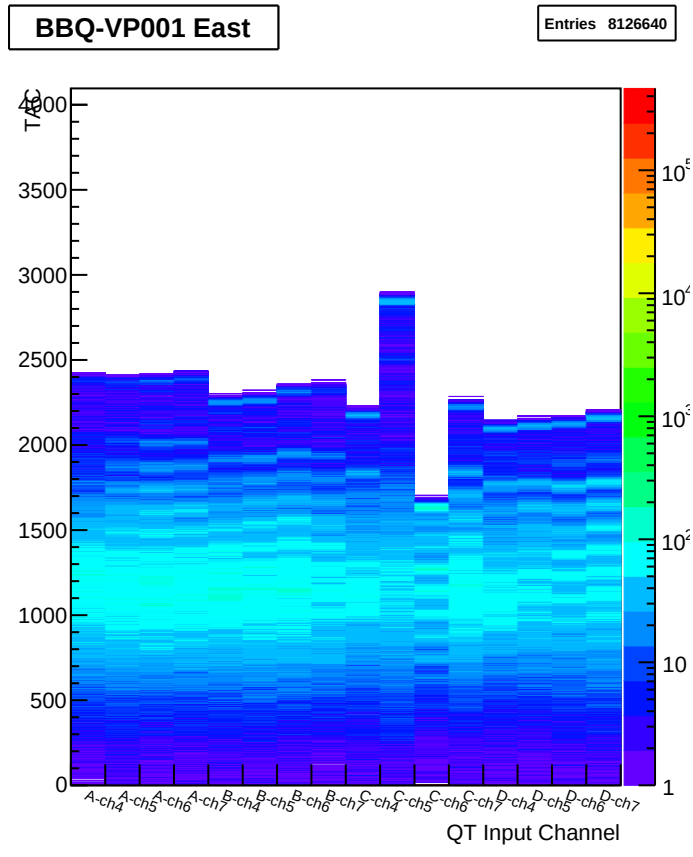

BBQ-BB002 (BBC west small tiles ADC)
Entries 8126640
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

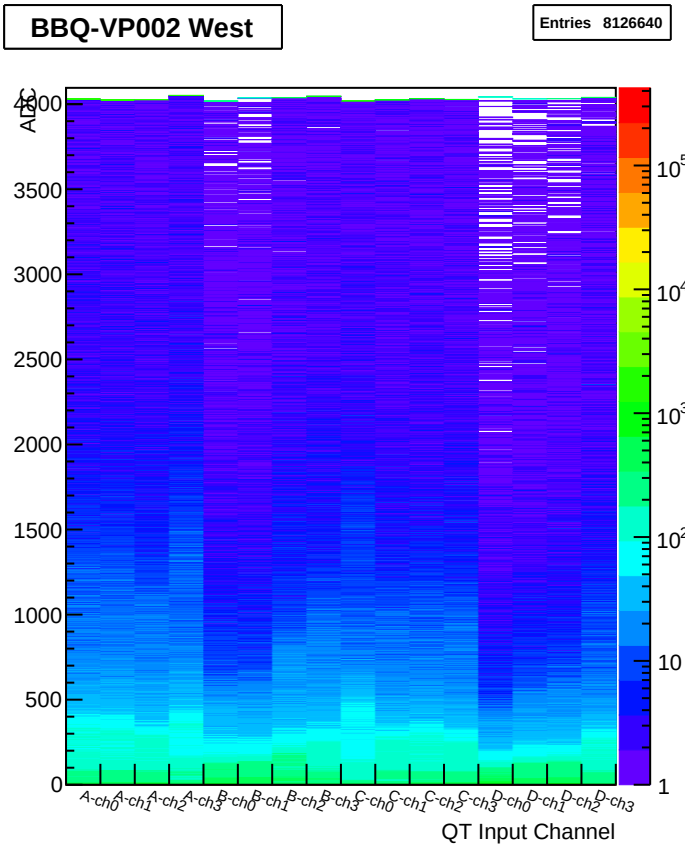

BBQ-BB002 (BBC west small tiles TAC)
Entries 8126640
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

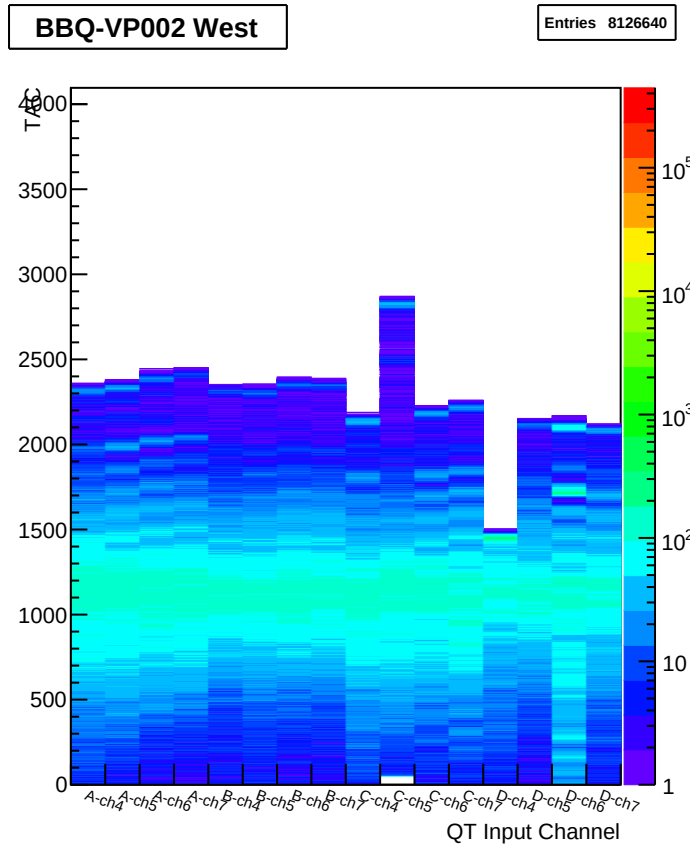

BBQ-ZD001 (ZDC TOWER)
Entries 8126640
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

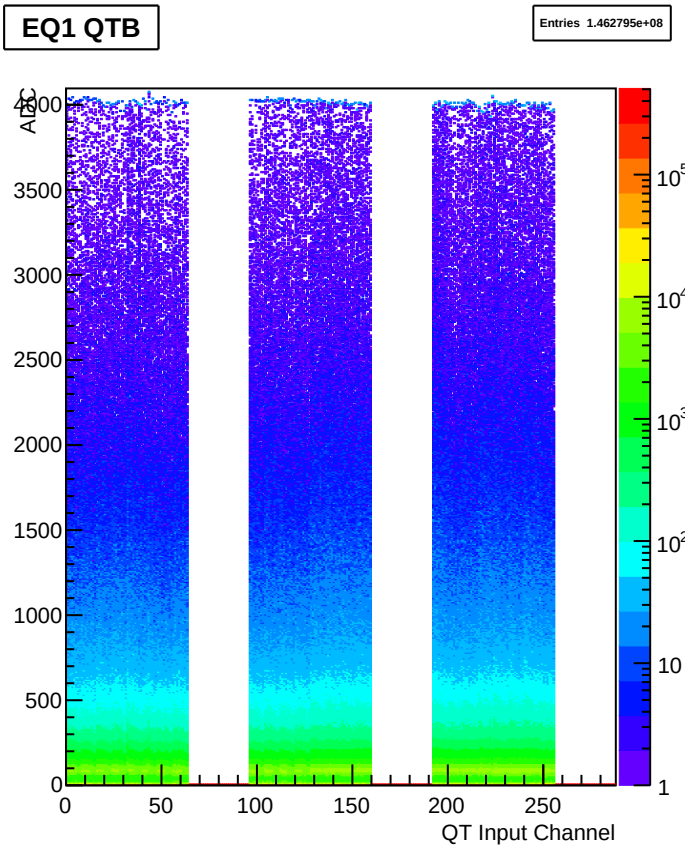

BBQ-ZD001 (ZDC TOWER)
Entries 8126640
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

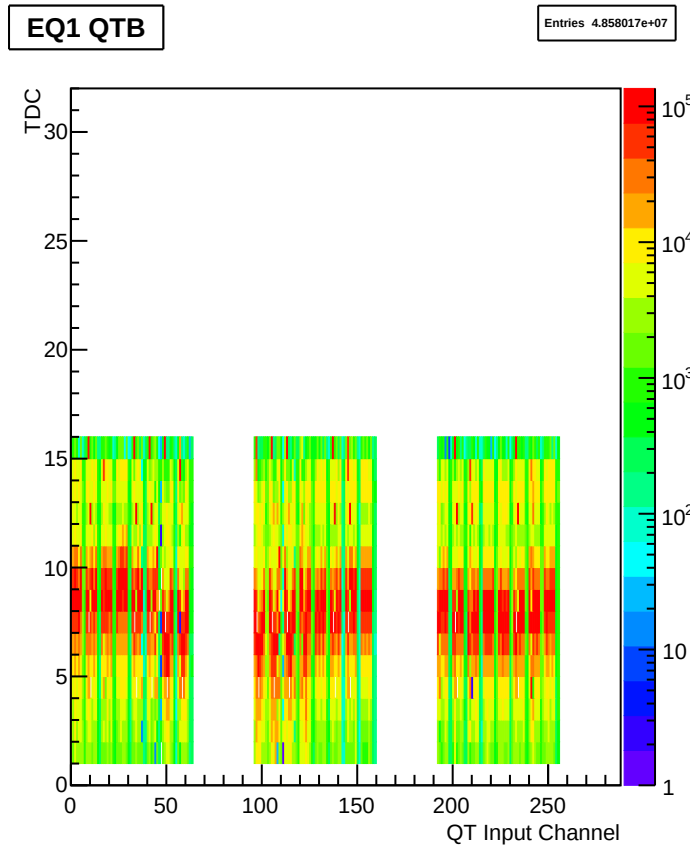

BBQ-VP001 East
Entries 8126640
ADC
QT Input Channel

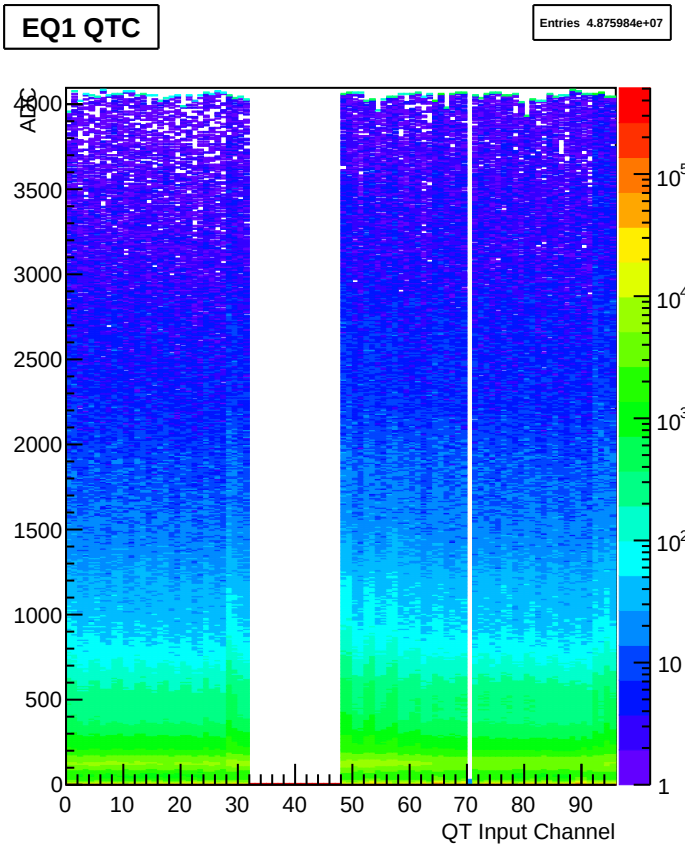

BBQ-VP001 East
Entries 8126640
ADC
QT Input Channel

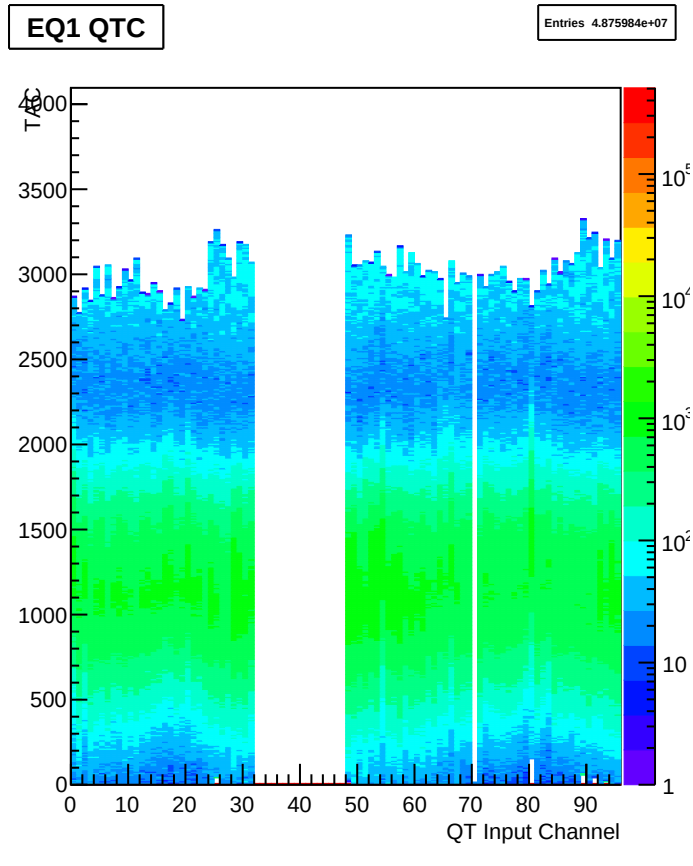

BBQ-VP002 West
Entries 8126640
ADC
QT Input Channel

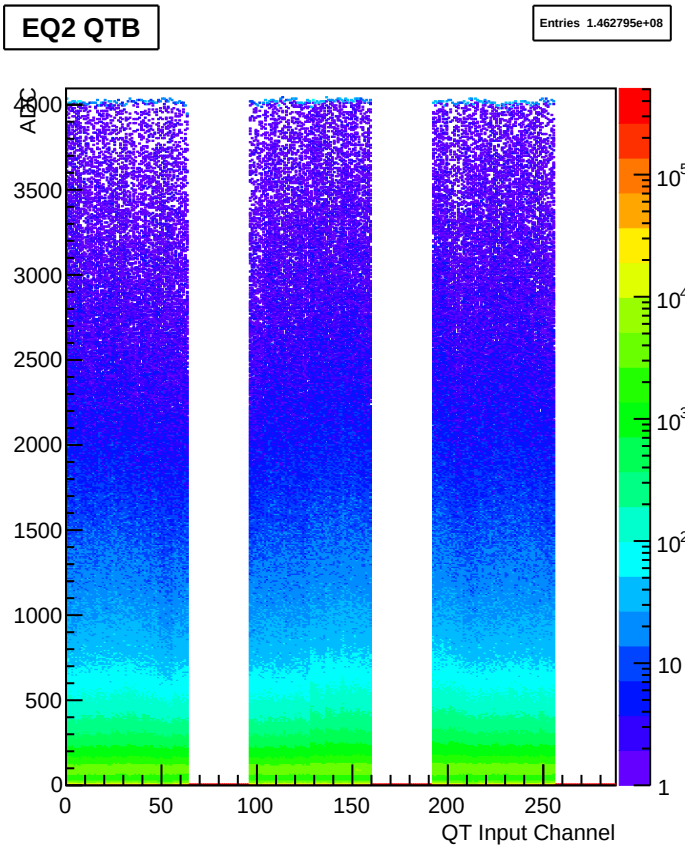

BBQ-VP002 West
Entries 8126640
ADC
QT Input Channel

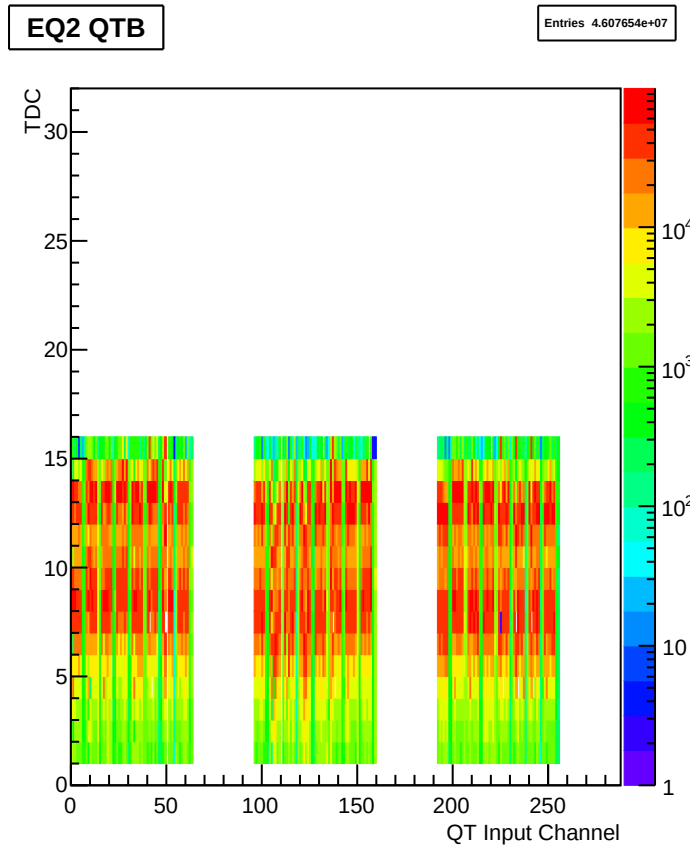

EQ1 QTB
Entries 1.462795e+08
ADC
QT Input Channel

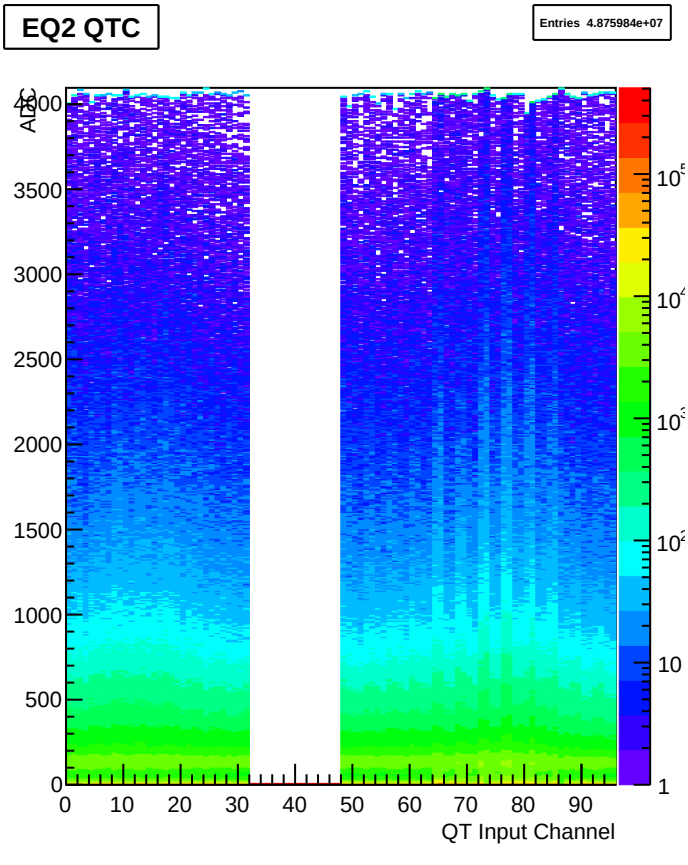

EQ1 QTB
Entries 4.858017e+07
TDC
QT Input Channel

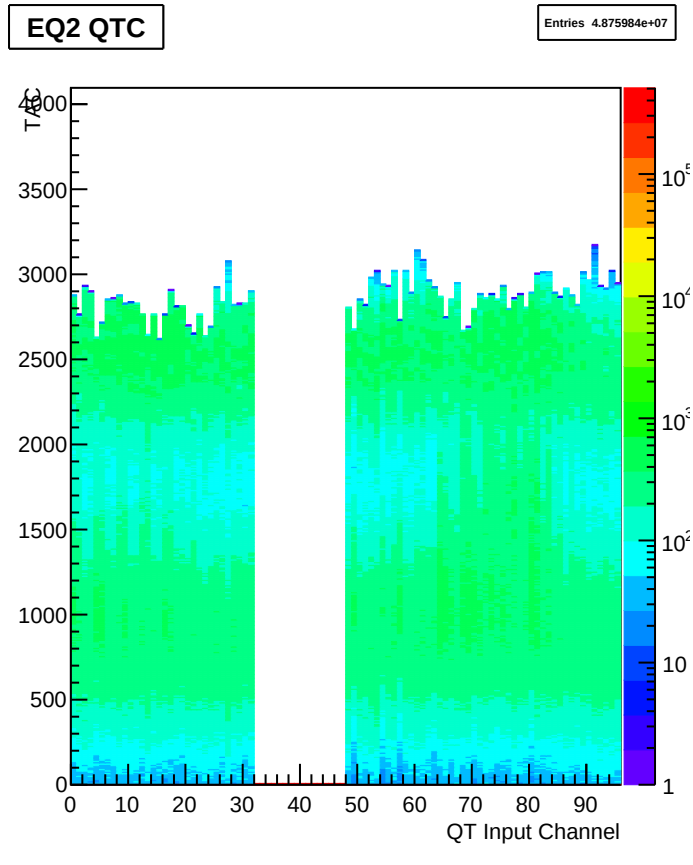

EQ1 QTC
Entries 4.875984e+07
ADC
QT Input Channel

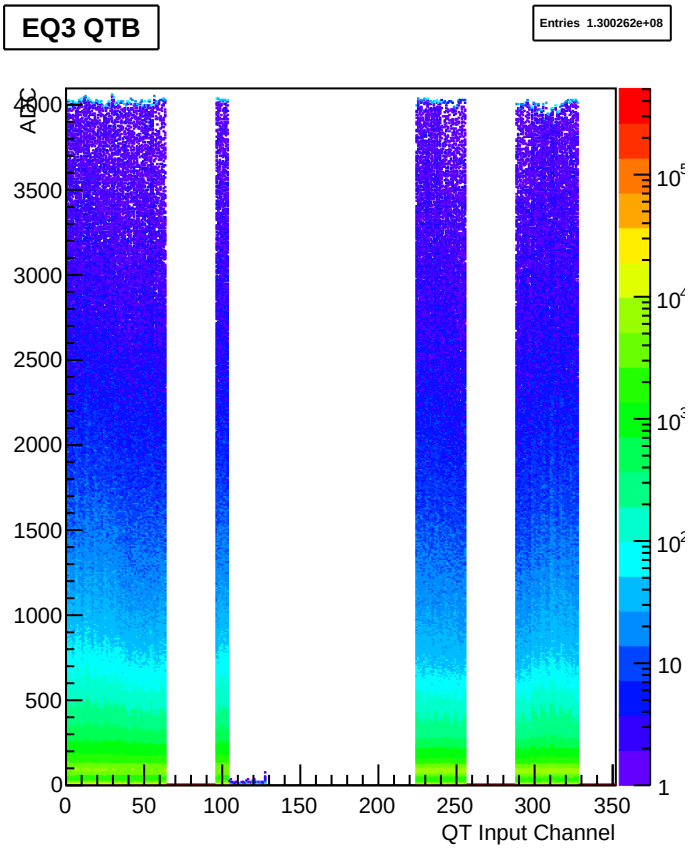

EQ1 QTC
Entries 4.875984e+07
TADC
QT Input Channel

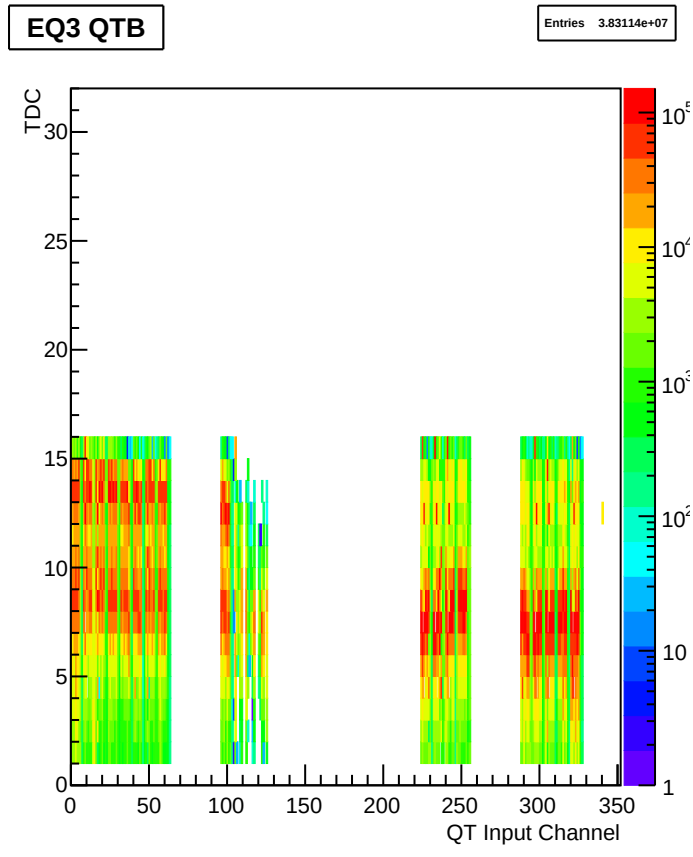

EQ2 QTB
Entries 1.462795e+08
ADC
QT Input Channel

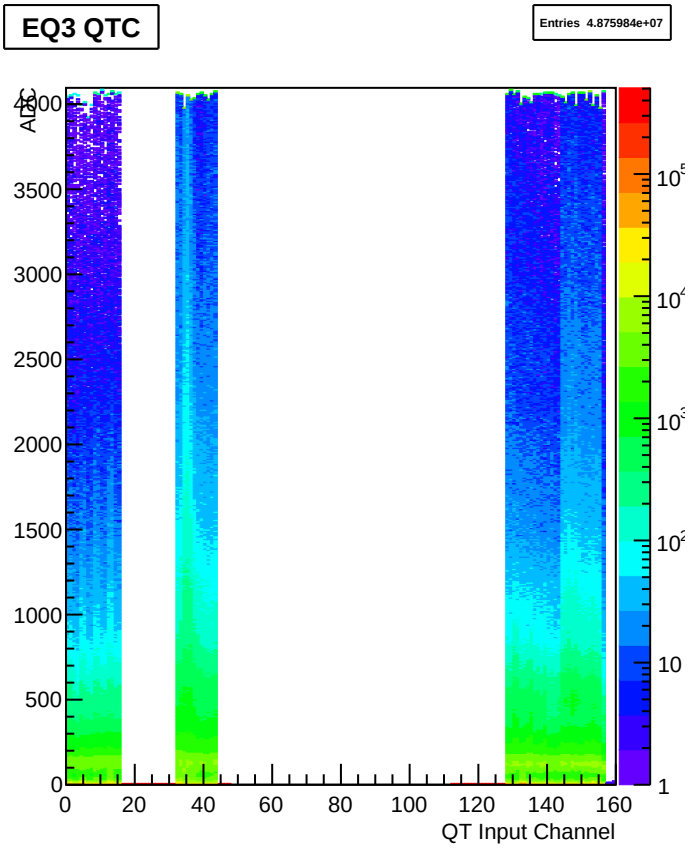

EQ2 QTB
Entries 4.607654e+07
TDC
QT Input Channel

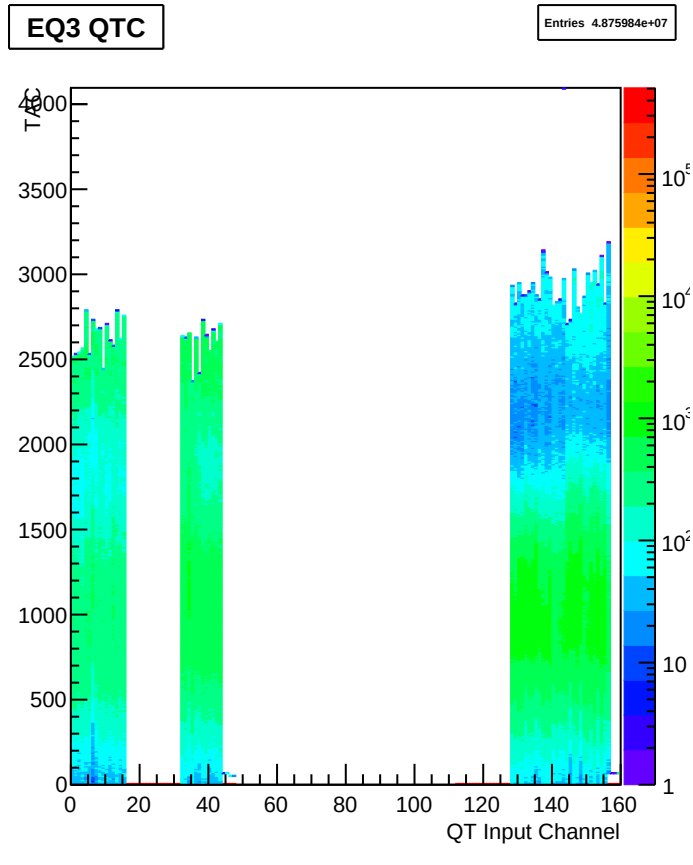

EQ2 QTC
Entries 4.875984e+07
ADC
QT Input Channel

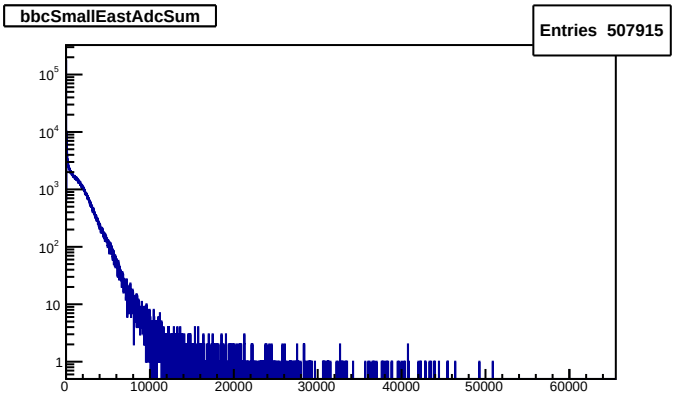

EQ2 QTC
Entries 4.875984e+07
TADC
QT Input Channel

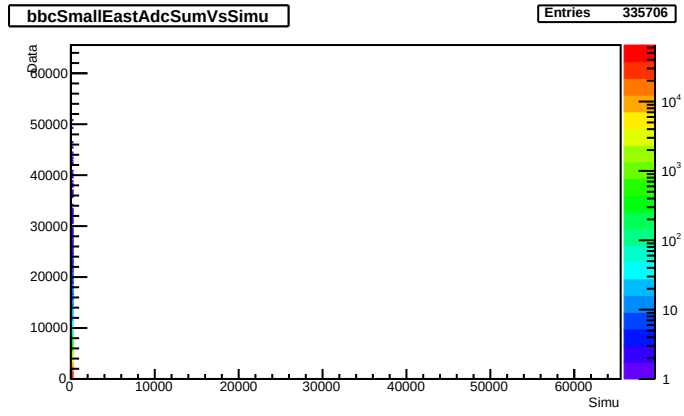

EQ3 QTB
Entries 1.300262e+08
ADC
QT Input Channel

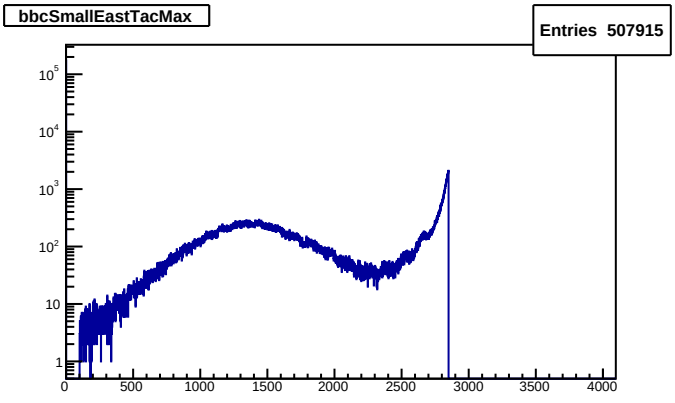

EQ3 QTB
Entries 3.83114e+07
TDC
QT Input Channel

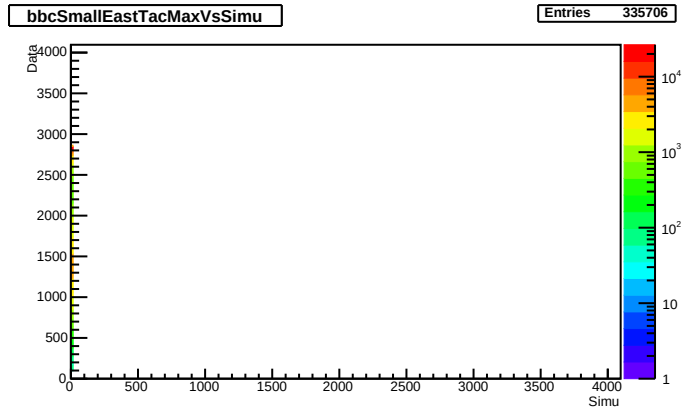

EQ3 QTC
Entries 4.875984e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.875984e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 507915


bbcSmallEastAdcSumVsSimu
Entries 335706
Data
Simu


bbcSmallEastTacMax
Entries 507915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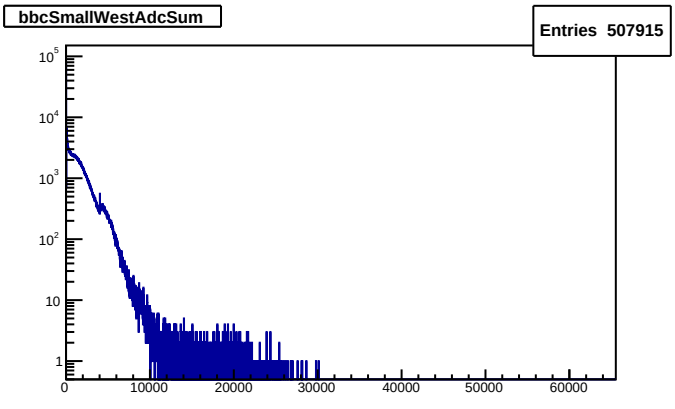
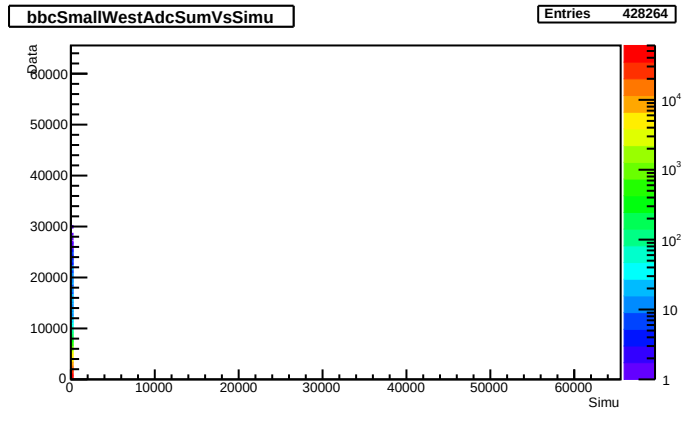
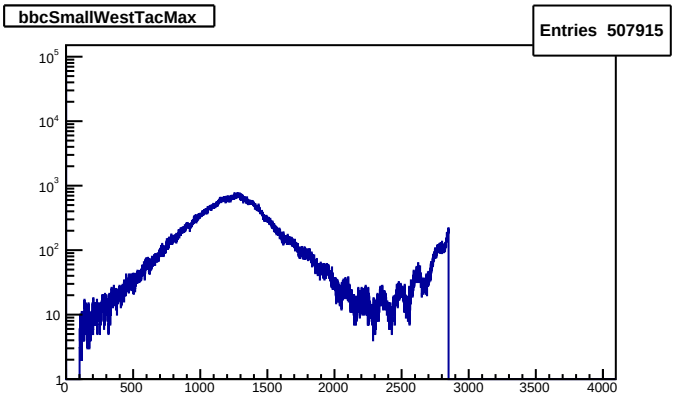
Entries 335706
Data
Simu


bbcSmallWestAdcSum
Entries 507915


bbcSmallWestAdcSumVsSimu
Entries 428264
Data
Simu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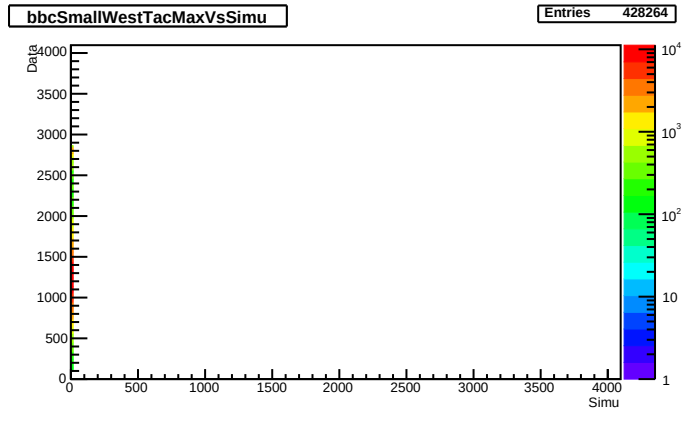
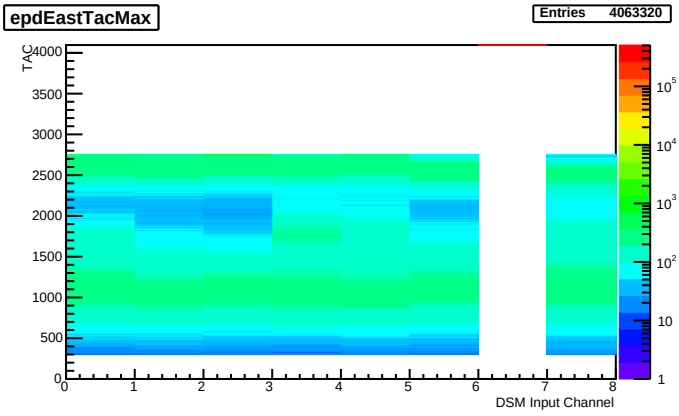
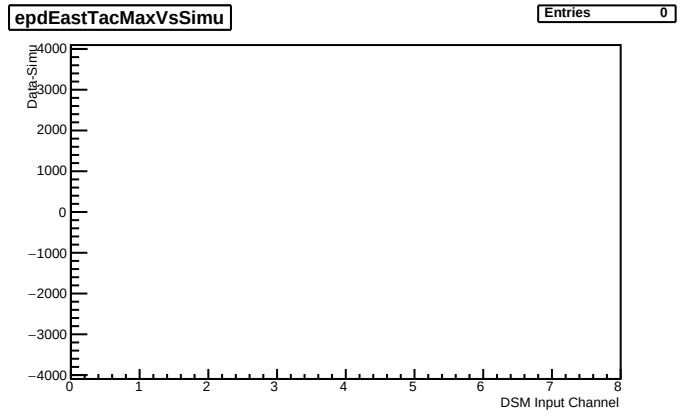
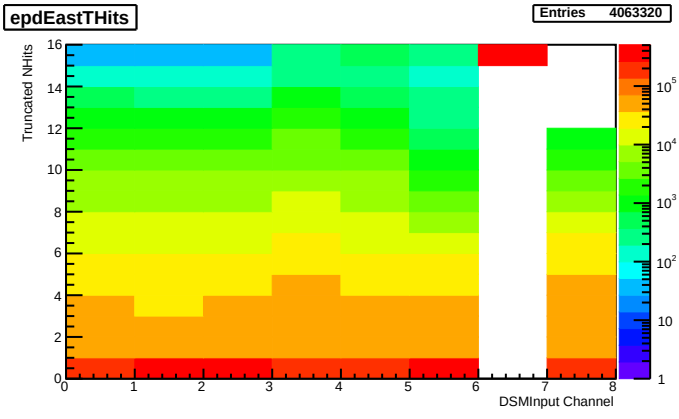
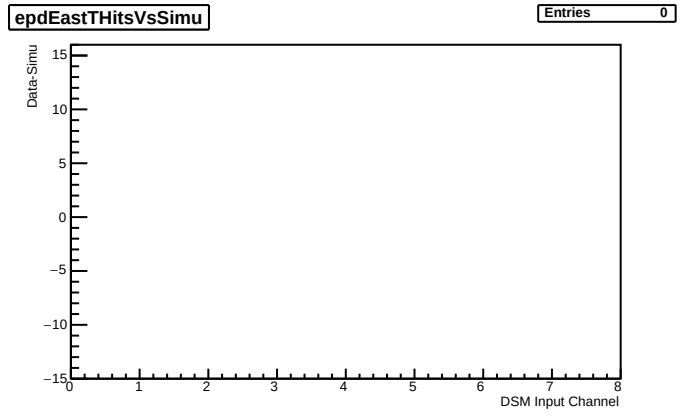
Entries 507915

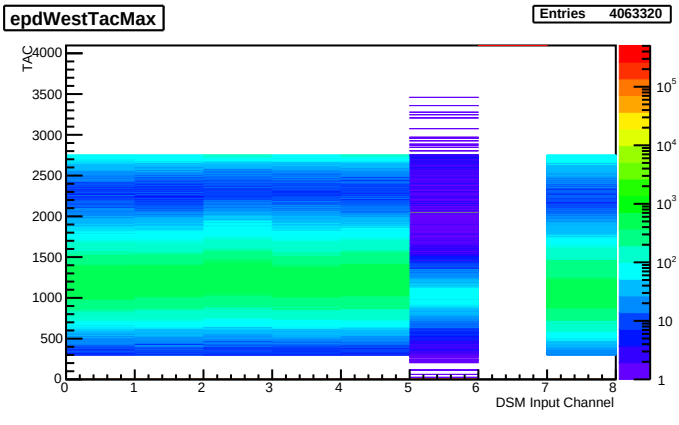

bbcSmallWestTacMaxVsSimu
Entries 428264
Data
Simu

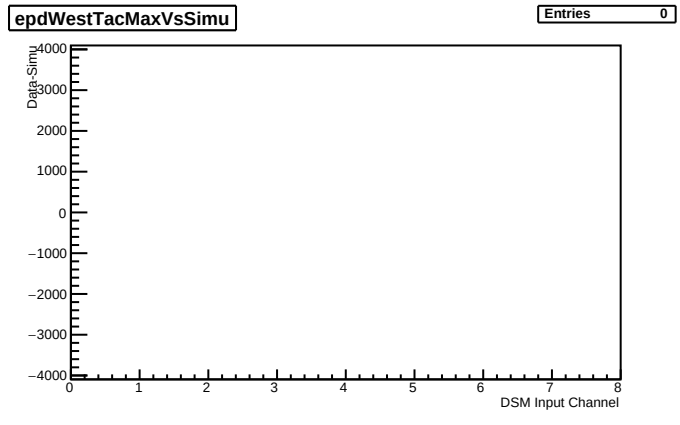

epdEastTacMax
Entries 4063320
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4063320
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4063320
TAC
DSM Input Channel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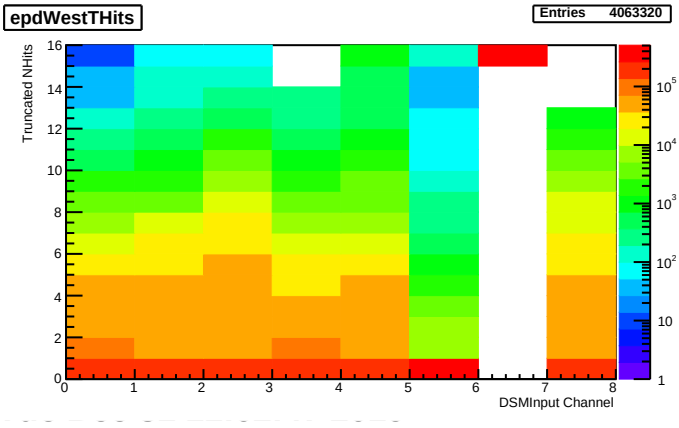
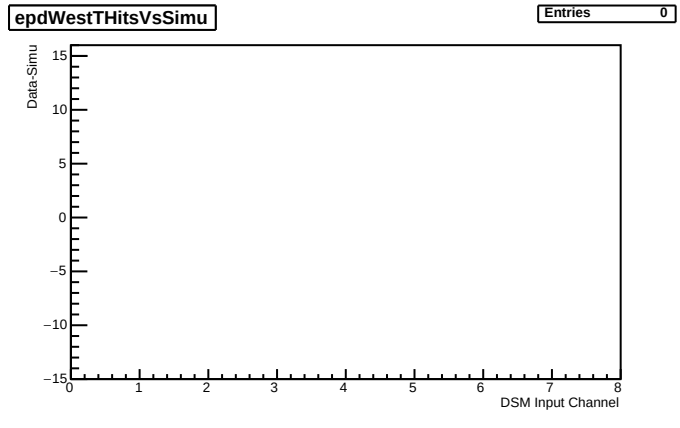
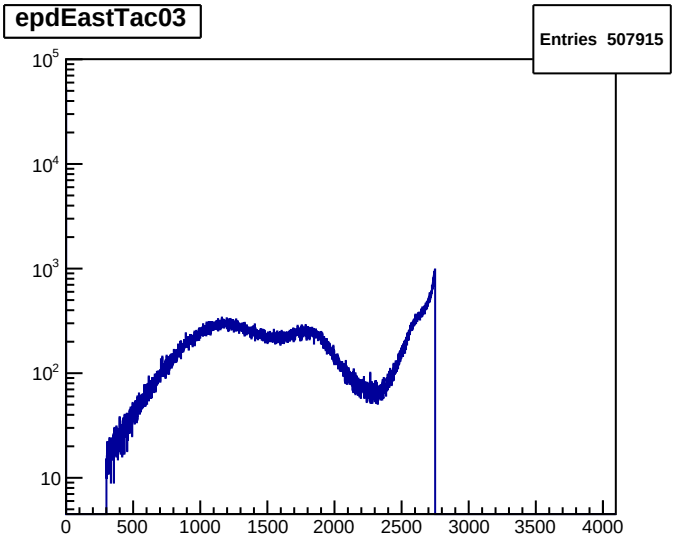
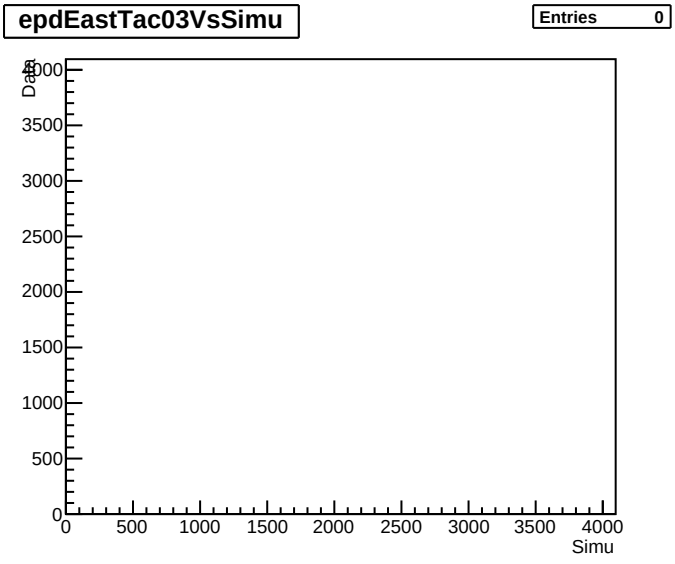
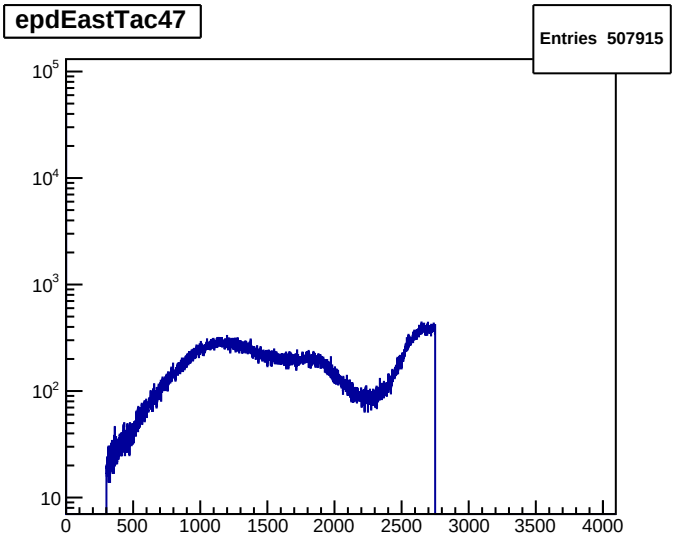
Entries 0
Data-Simu
DSM Input Channel

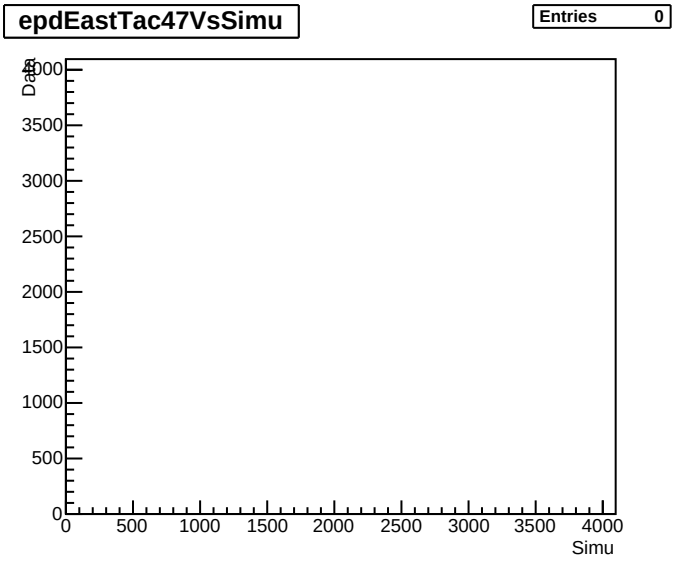

epdWestTHits
Entries 4063320
Truncated NHits
DSMInput Channel

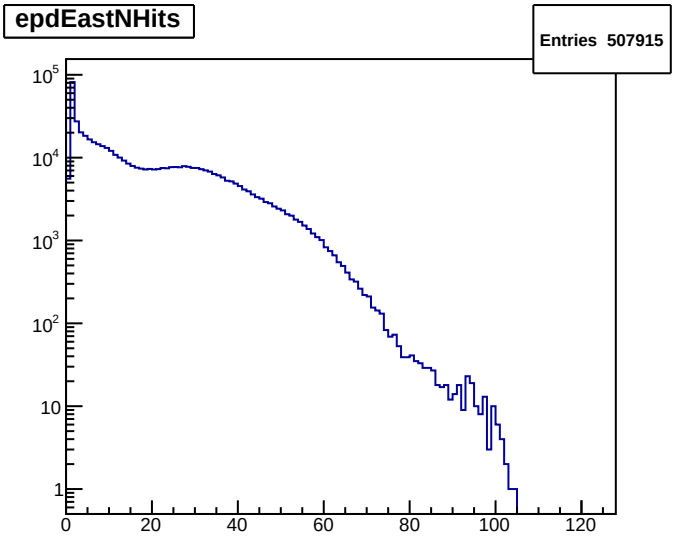

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

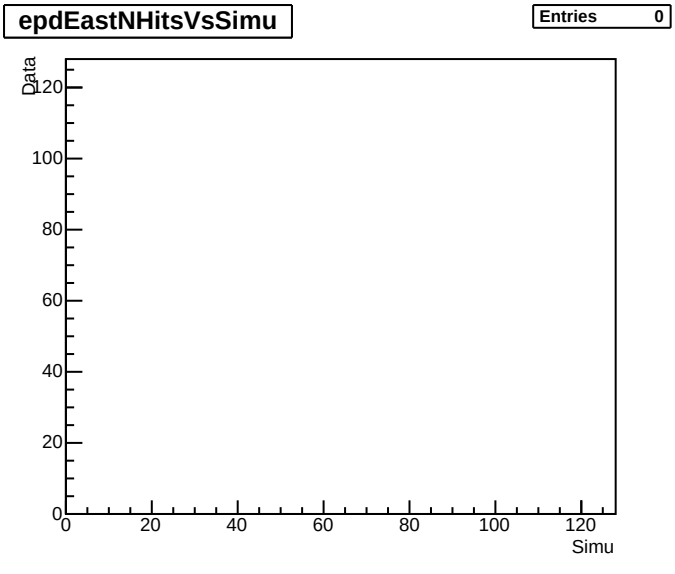

epdEastTac03
Entries 507915


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 507915


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 507915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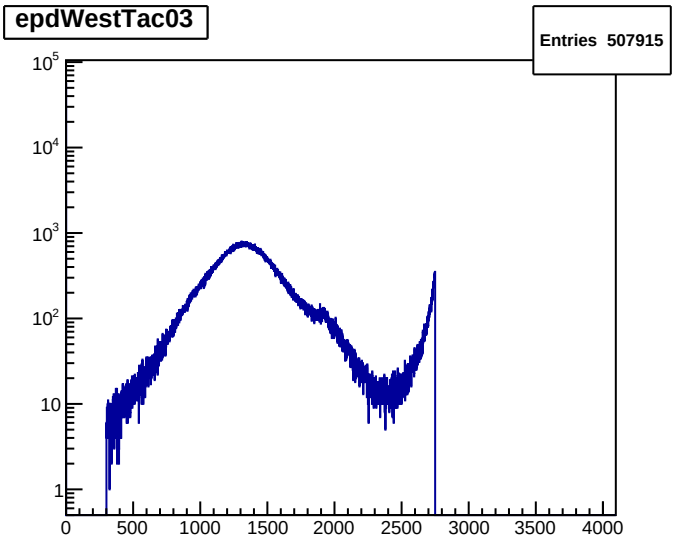
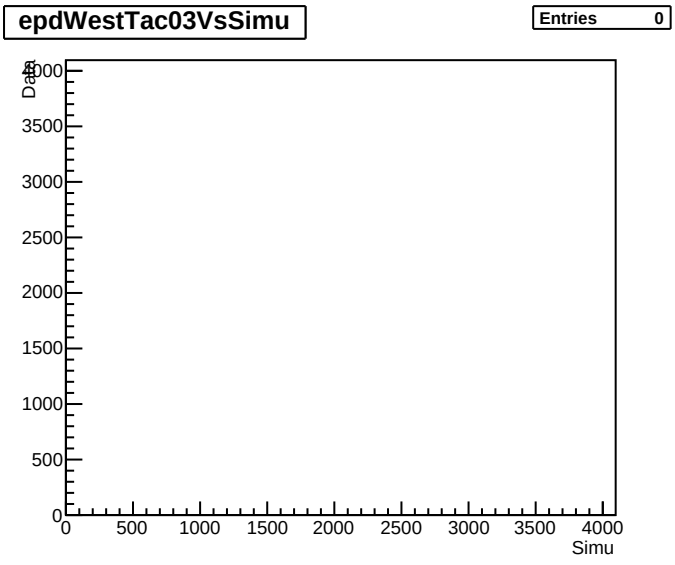
Entries 0
Data
Simu


epdWestTac03
Entries 507915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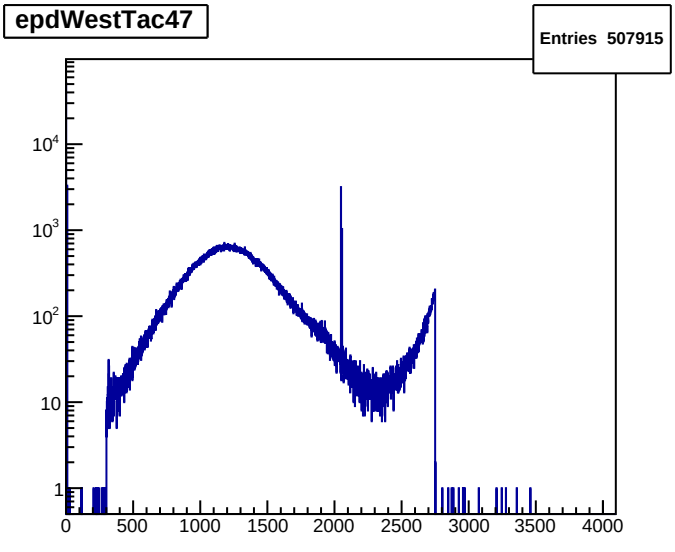
Entries 0
Data
Simu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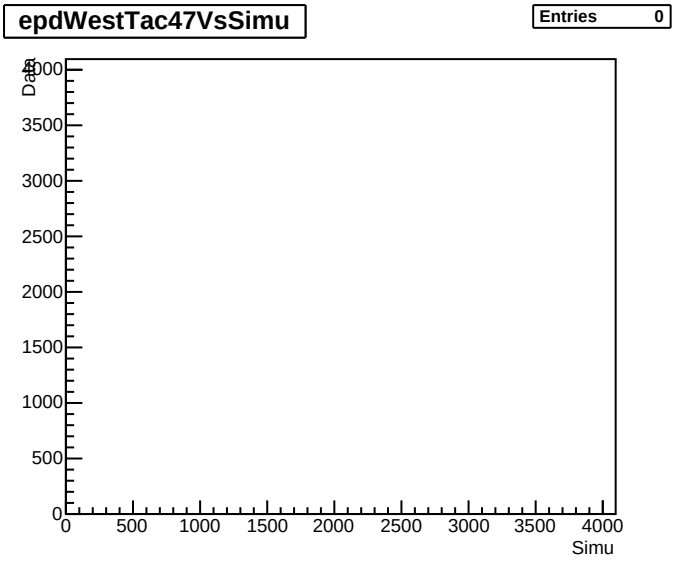
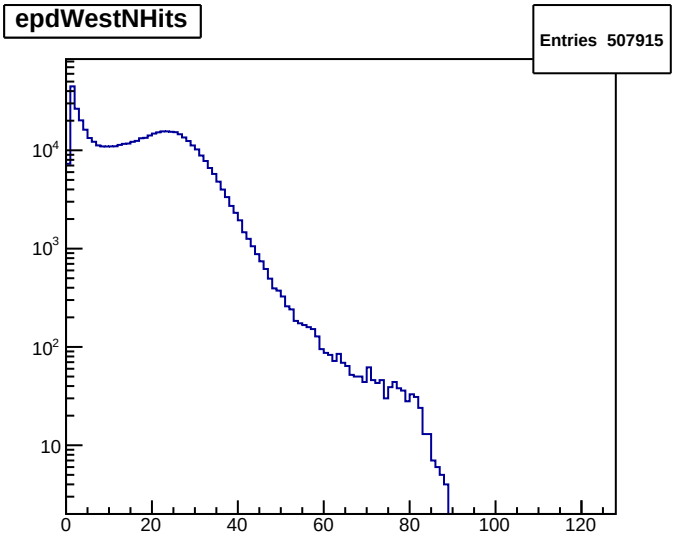
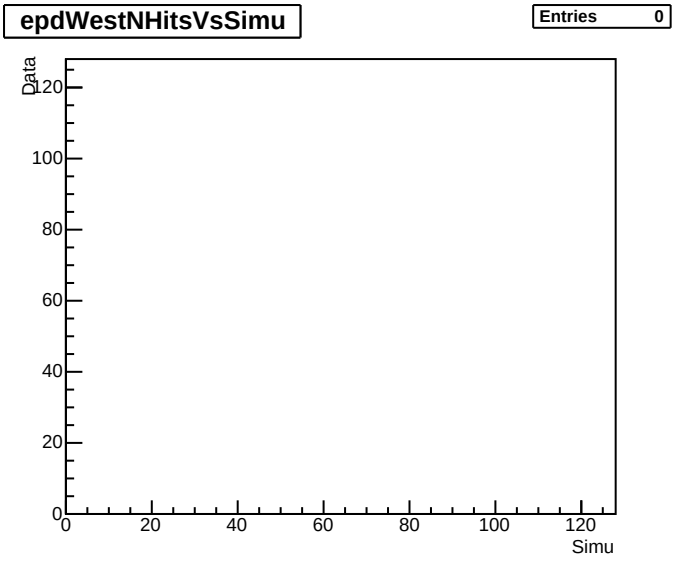
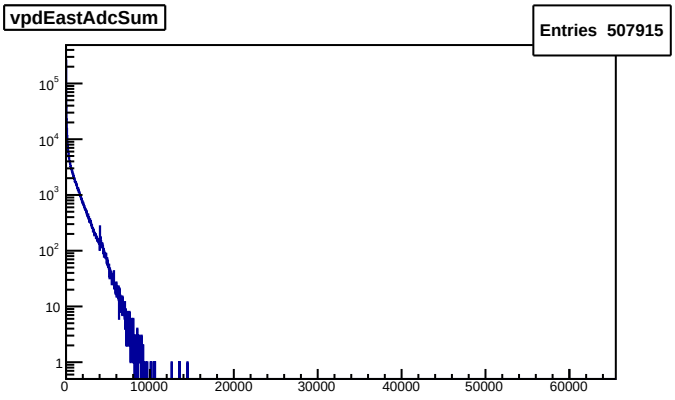
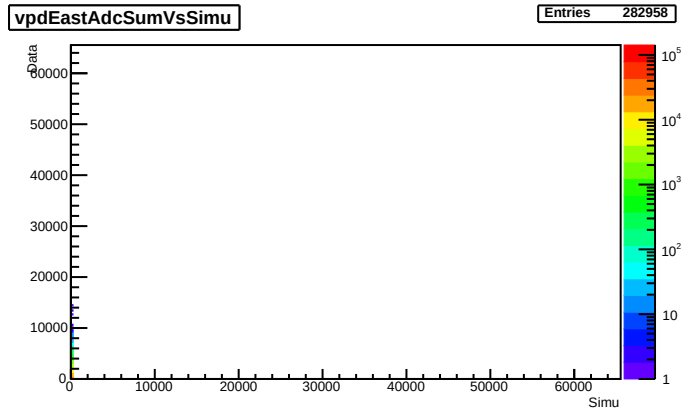
Entries 507915

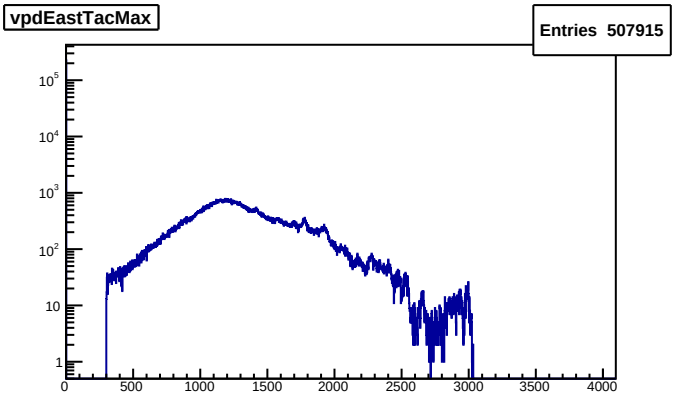

epdWestTac47VsSimu
Entries 0
Data
Simu

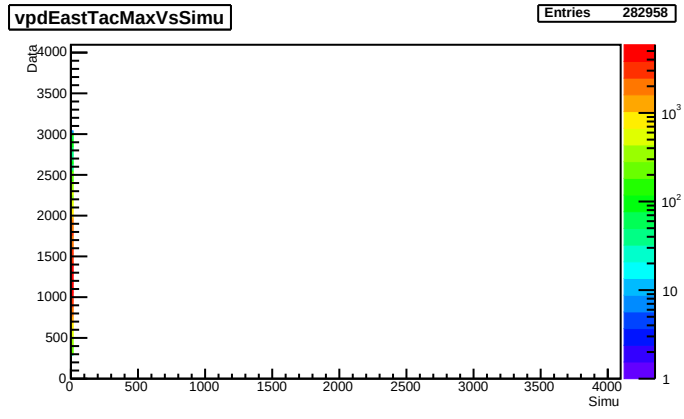

epdWestNHits
Entries 507915

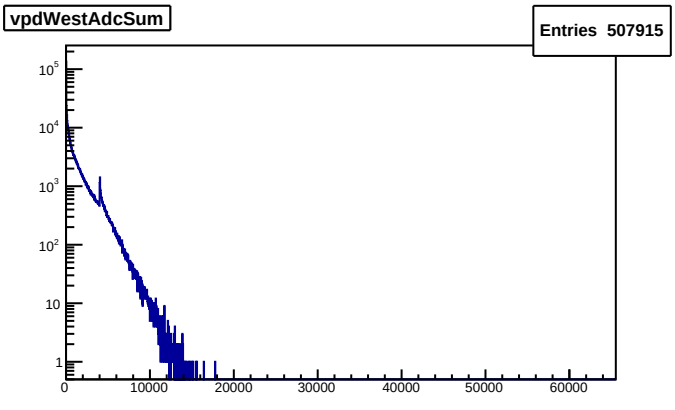

epdWestNHitsVsSimu
Entries 0
Data
Simu

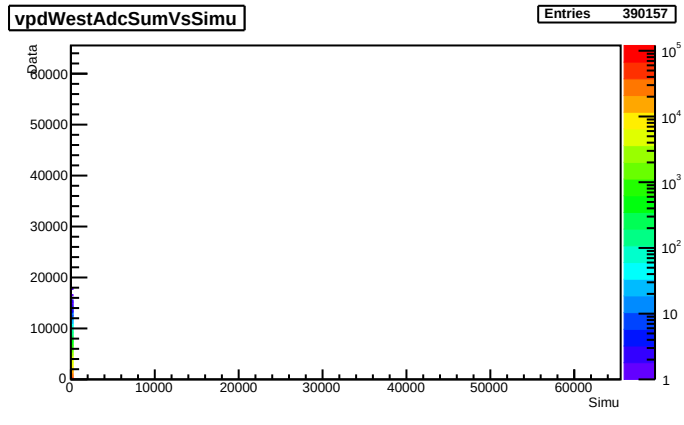

vpdEastAdcSum
Entries 507915

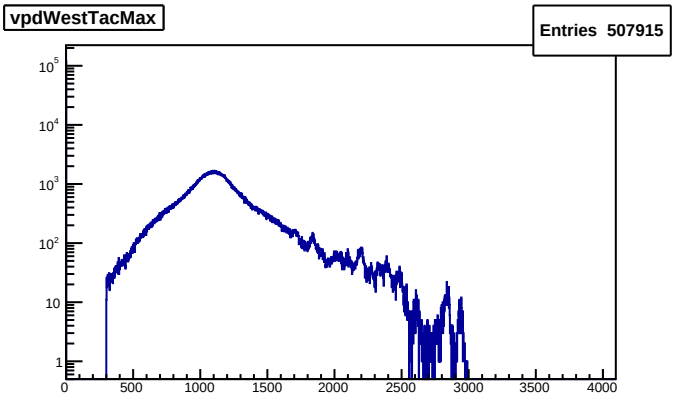

vpdEastAdcSumVsSimu
Entries 282958
Data
Simu

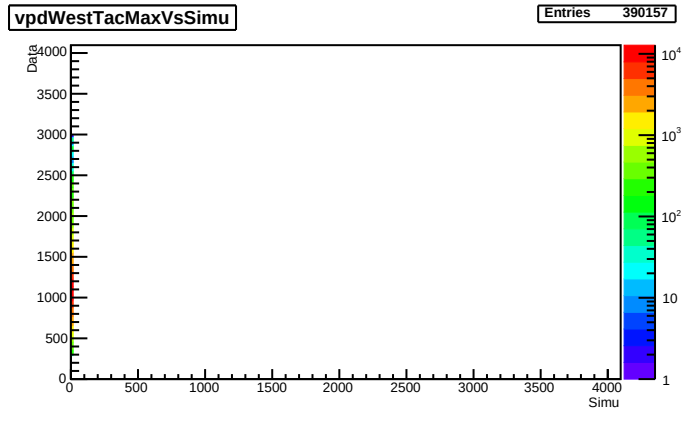

vpdEastTacMax
Entries 507915

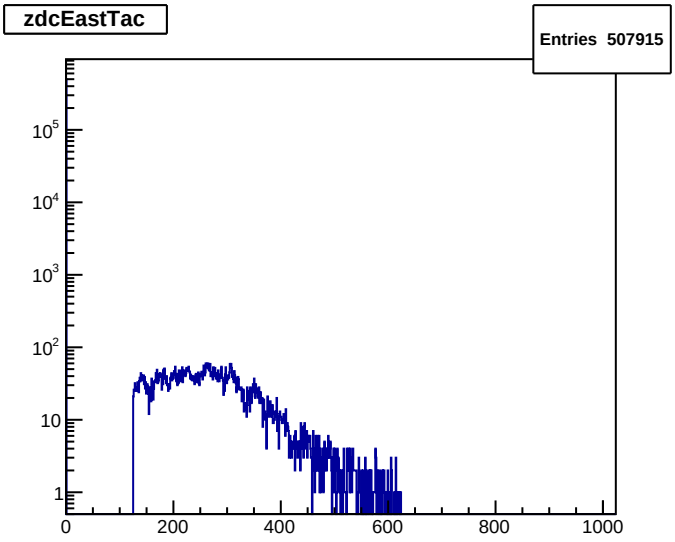

vpdEastTacMaxVsSimu
Entries 282958
Data
Simu

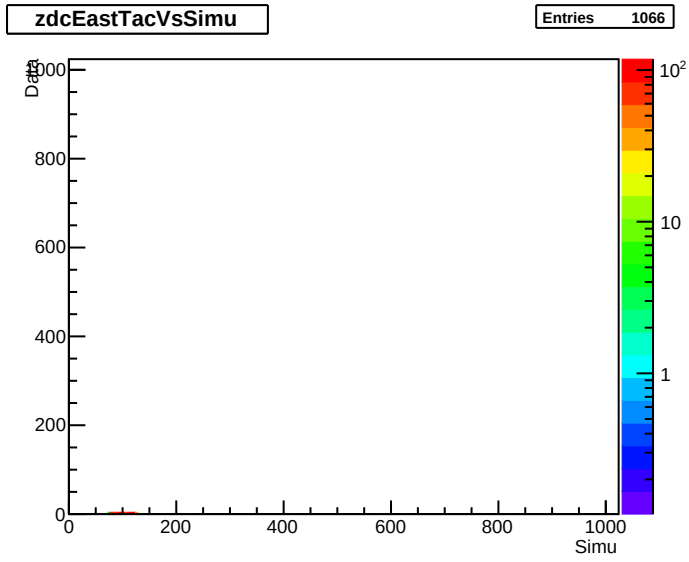

vpdWestAdcSum
Entries 507915

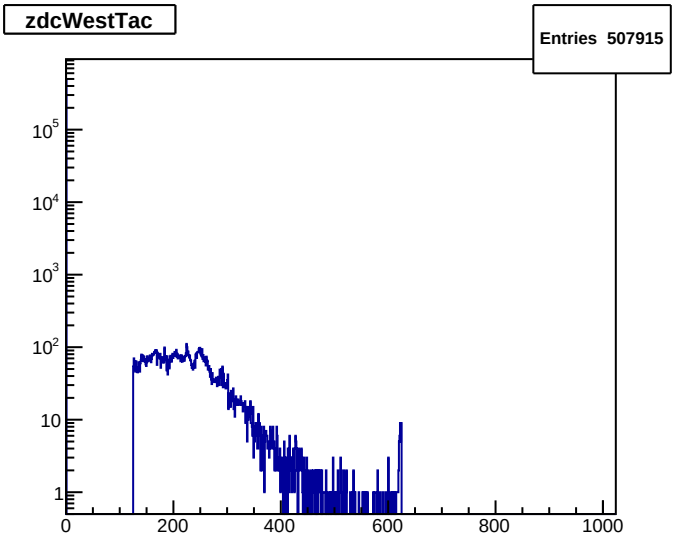

vpdWestAdcSumVsSimu
Entries 390157
Data
Simu

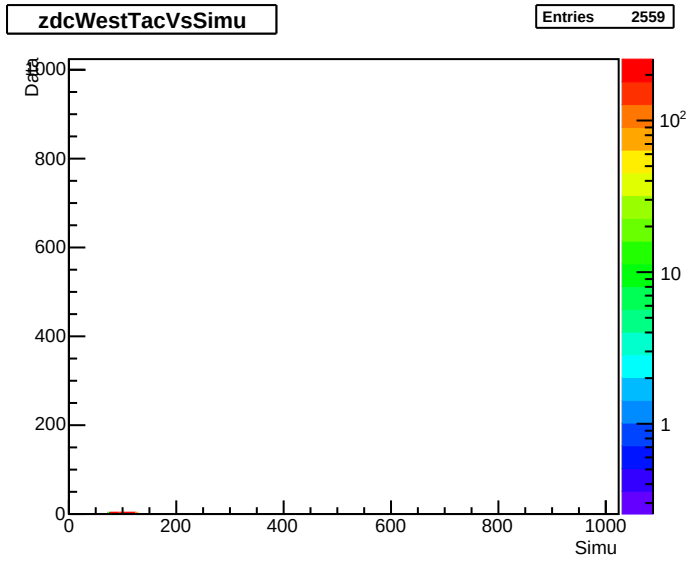

vpdWestTacMax
Entries 507915

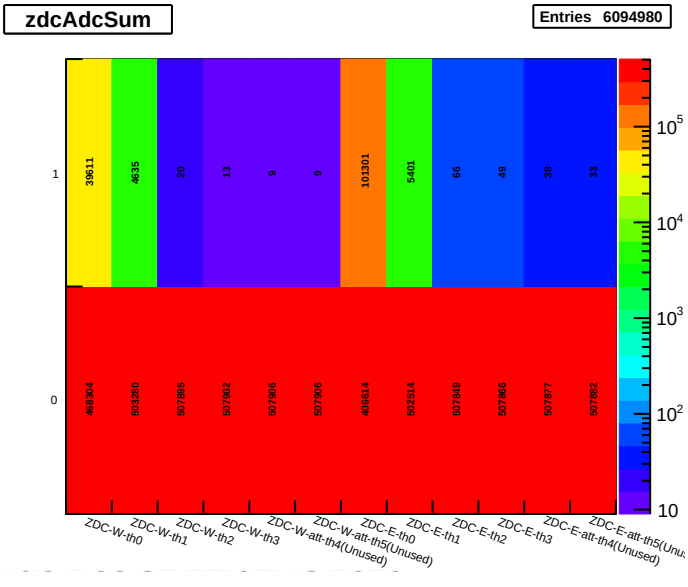

vpdWestTacMaxVsSimu
Entries 390157
Data
Simu

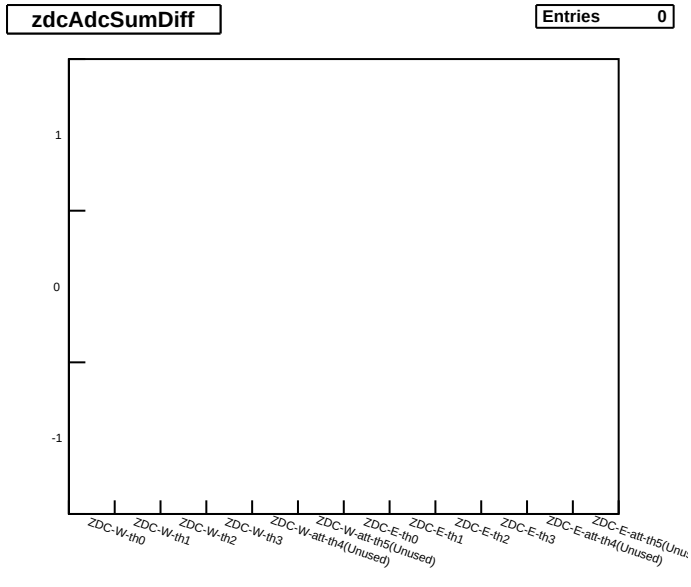

zdcEastTac
Entries 507915

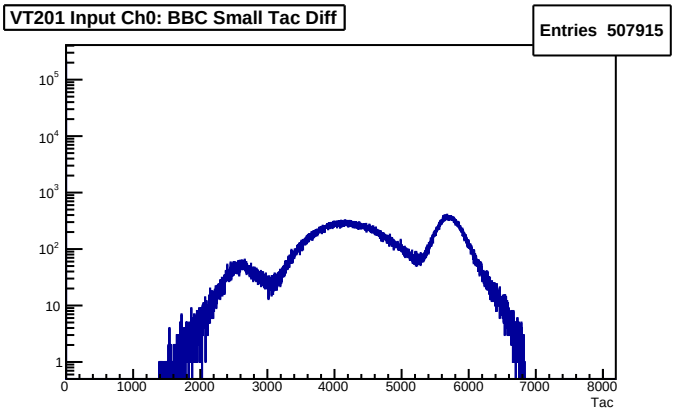

zdcEastTacVsSimu
Entries 1066
Data
Simu

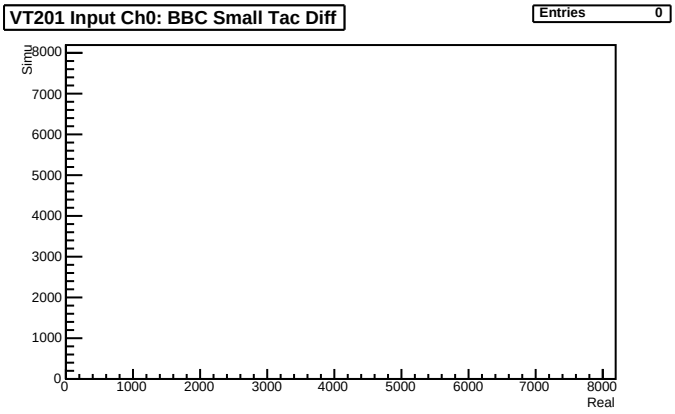

zdcWestTac
Entries 507915

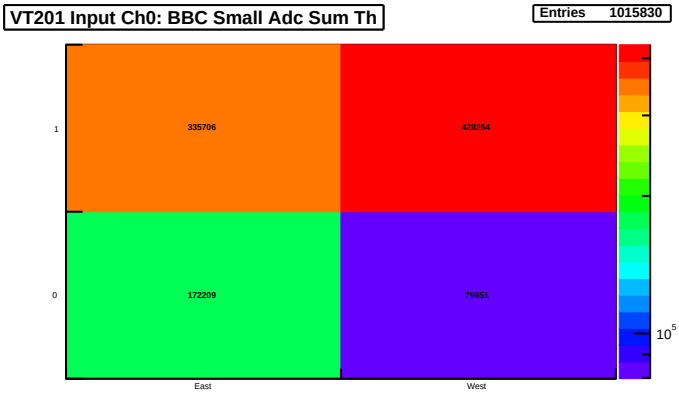

zdcWestTacVsSimu
Entries 2559
Data
Simu

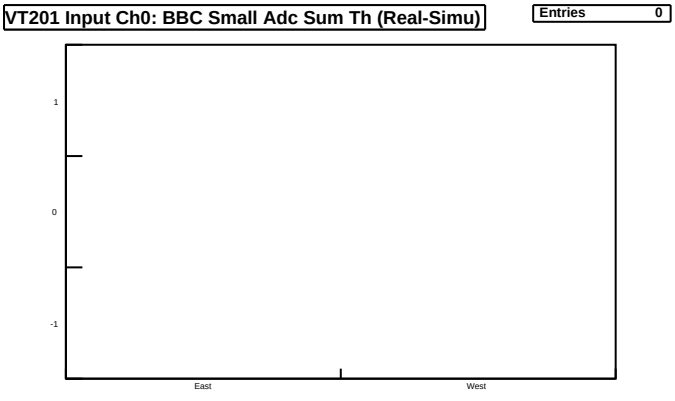

zdcAdcSum
Entries 6094980
39611
4635
20
13
9
9
101301
5401
66
49
38
33
468304
503280
507895
507902
507906
507906
406614
502514
507849
507866
507877
507882
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

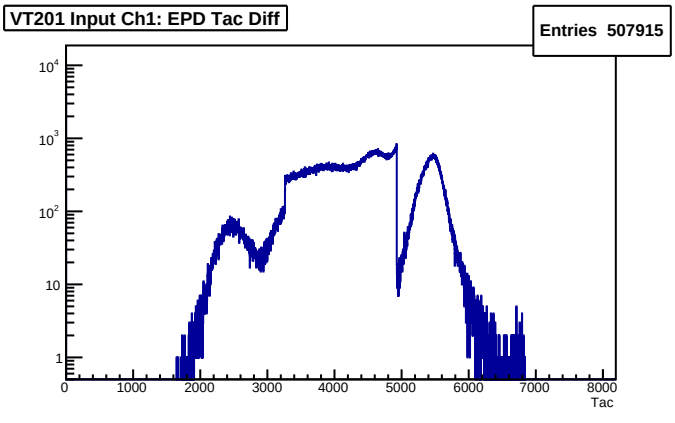

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

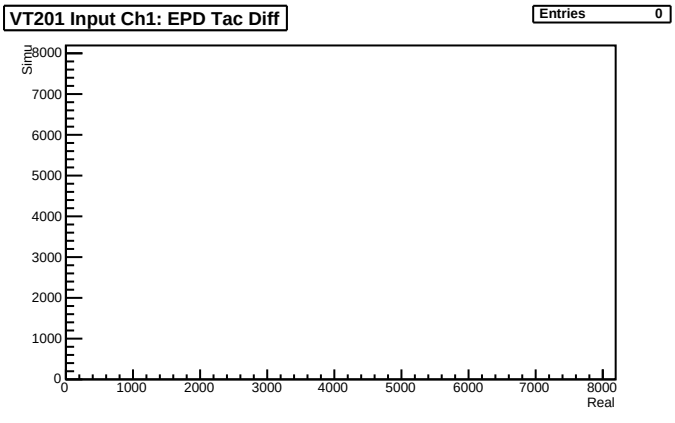

VT201 Input Ch0: BBC Small Tac Diff
Entries 507915
Tac

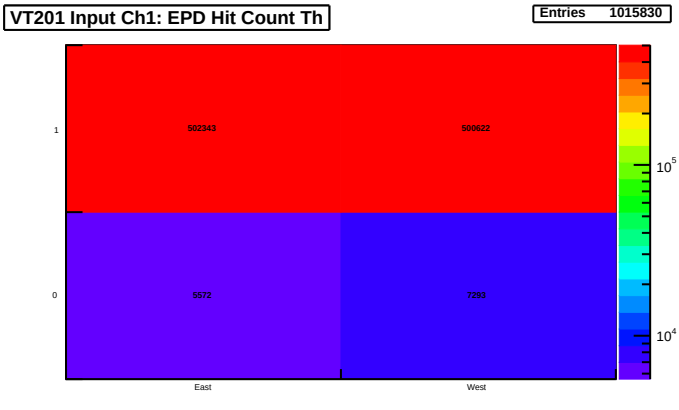

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

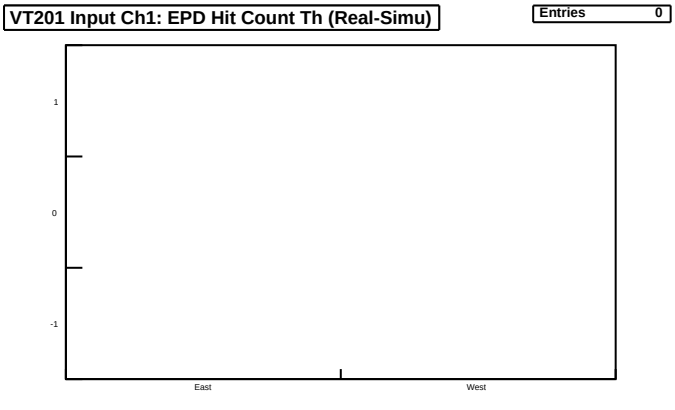

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1015830
335706
428264
172209
79651
East
West

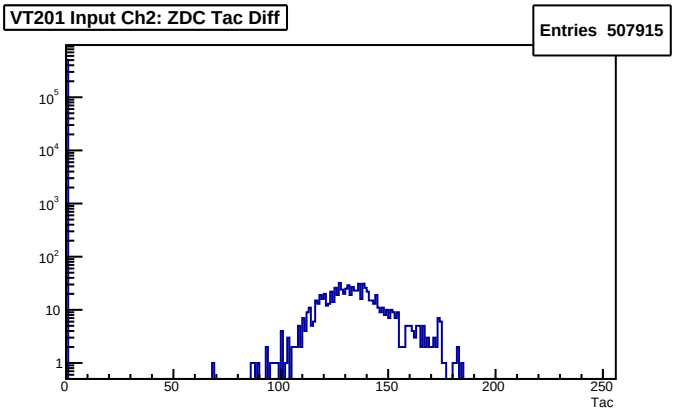

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

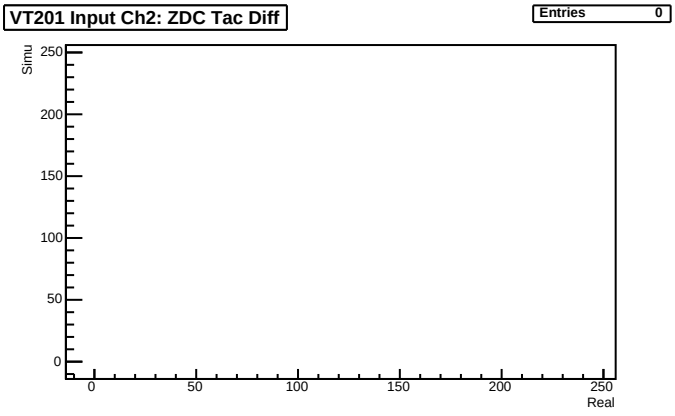

VT201 Input Ch1: EPD Tac Diff
Entries 507915
Tac

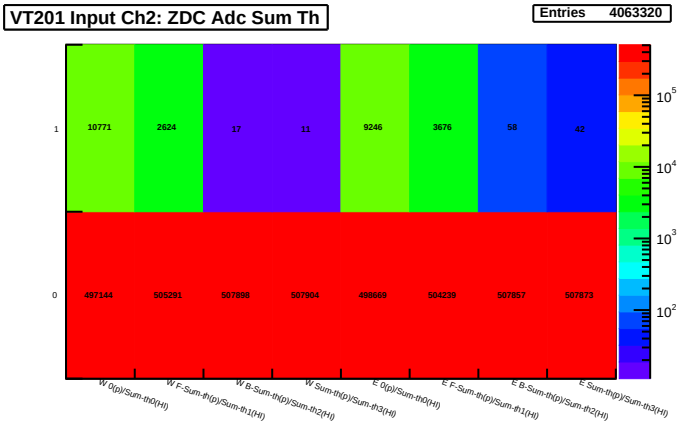

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

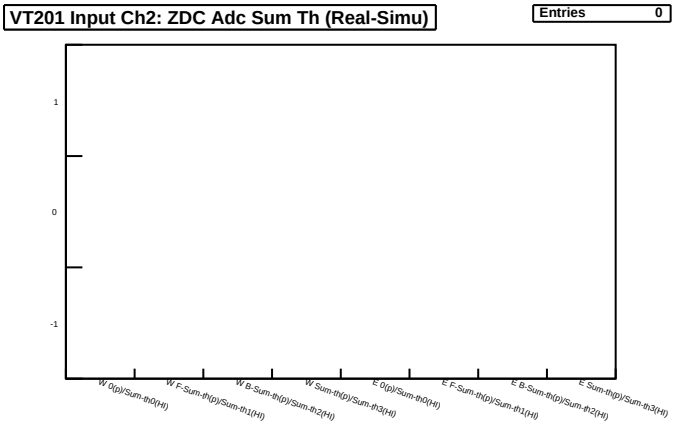

VT201 Input Ch1: EPD Hit Count Th
Entries 1015830
502343
500622
5572
7293
East
West

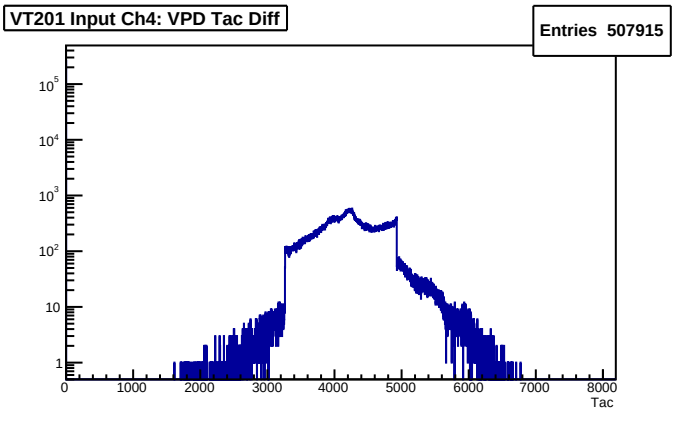

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

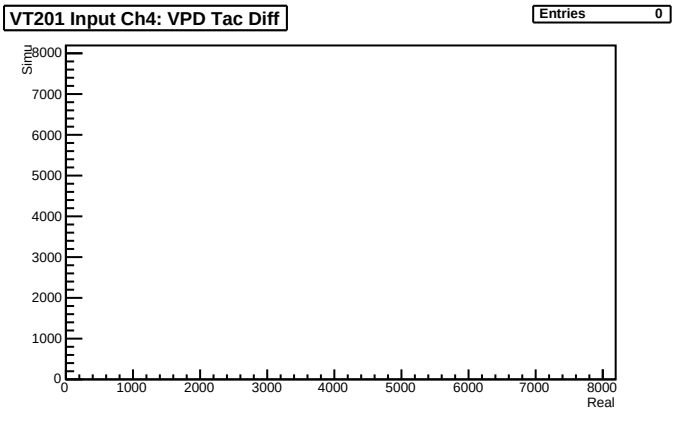

VT201 Input Ch2: ZDC Tac Diff
Entries 507915
Tac

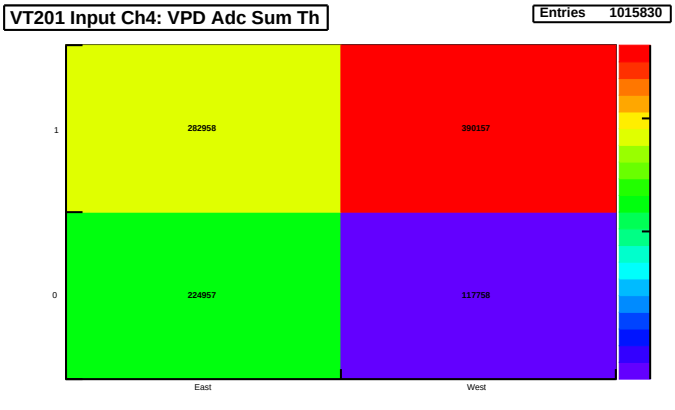

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

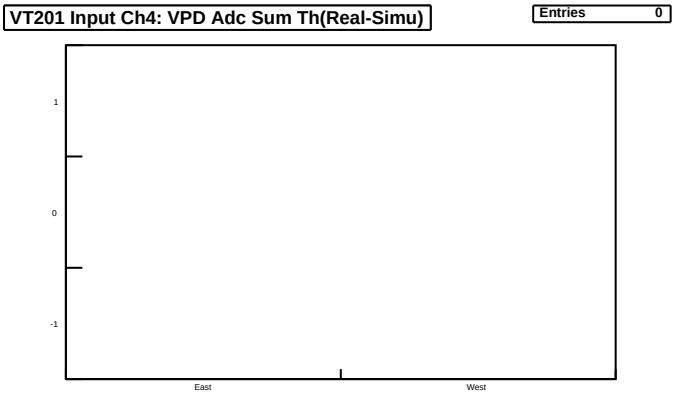

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4063320
10771
2624
17
11
9246
3676
58
42
497144
505291
507898
507904
498669
504239
507857
507873
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

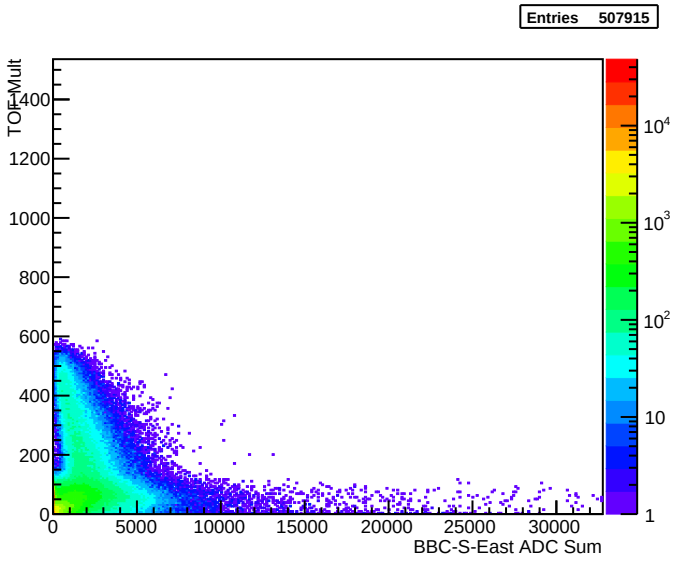

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

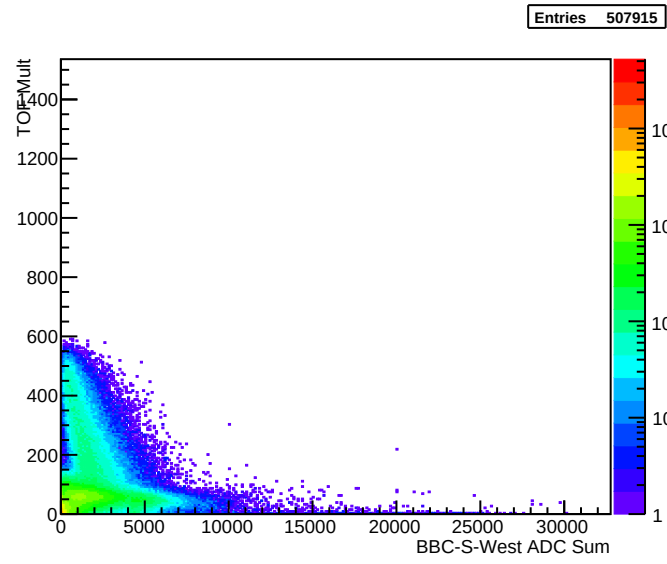

VT201 Input Ch4: VPD Tac Diff
Entries 507915
Tac

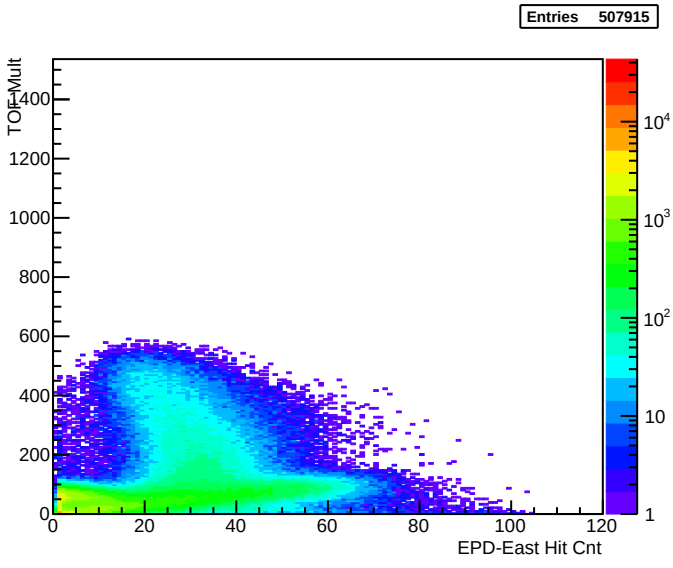

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

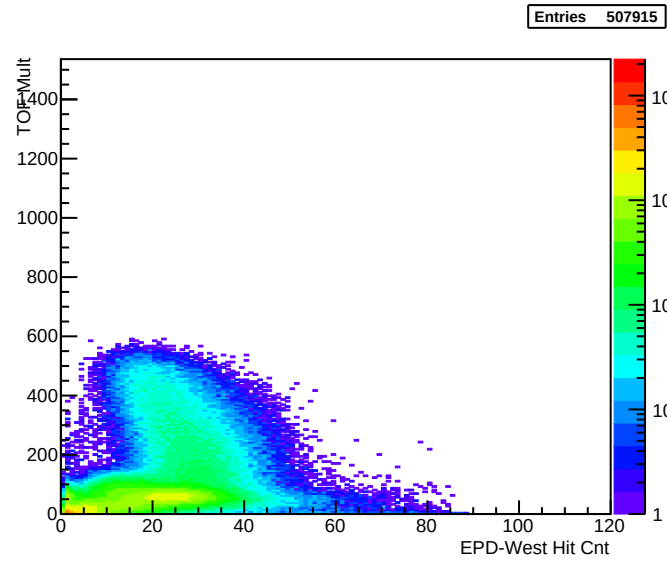

VT201 Input Ch4: VPD Adc Sum Th
Entries 1015830
282958
390157
224957
117758
East
West

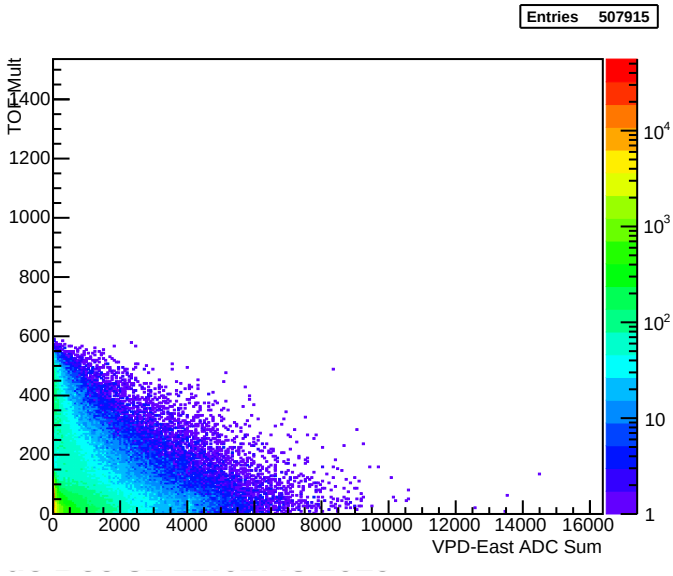

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

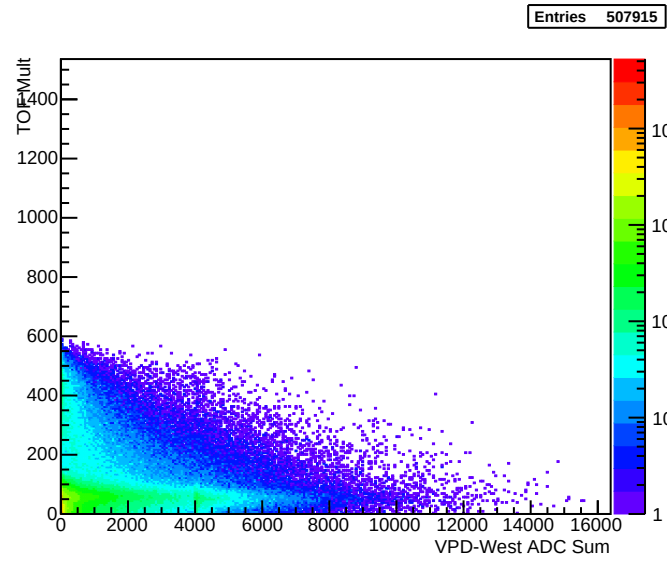

Entries 507915
TOF-Mult
BBC-S-East ADC Sum

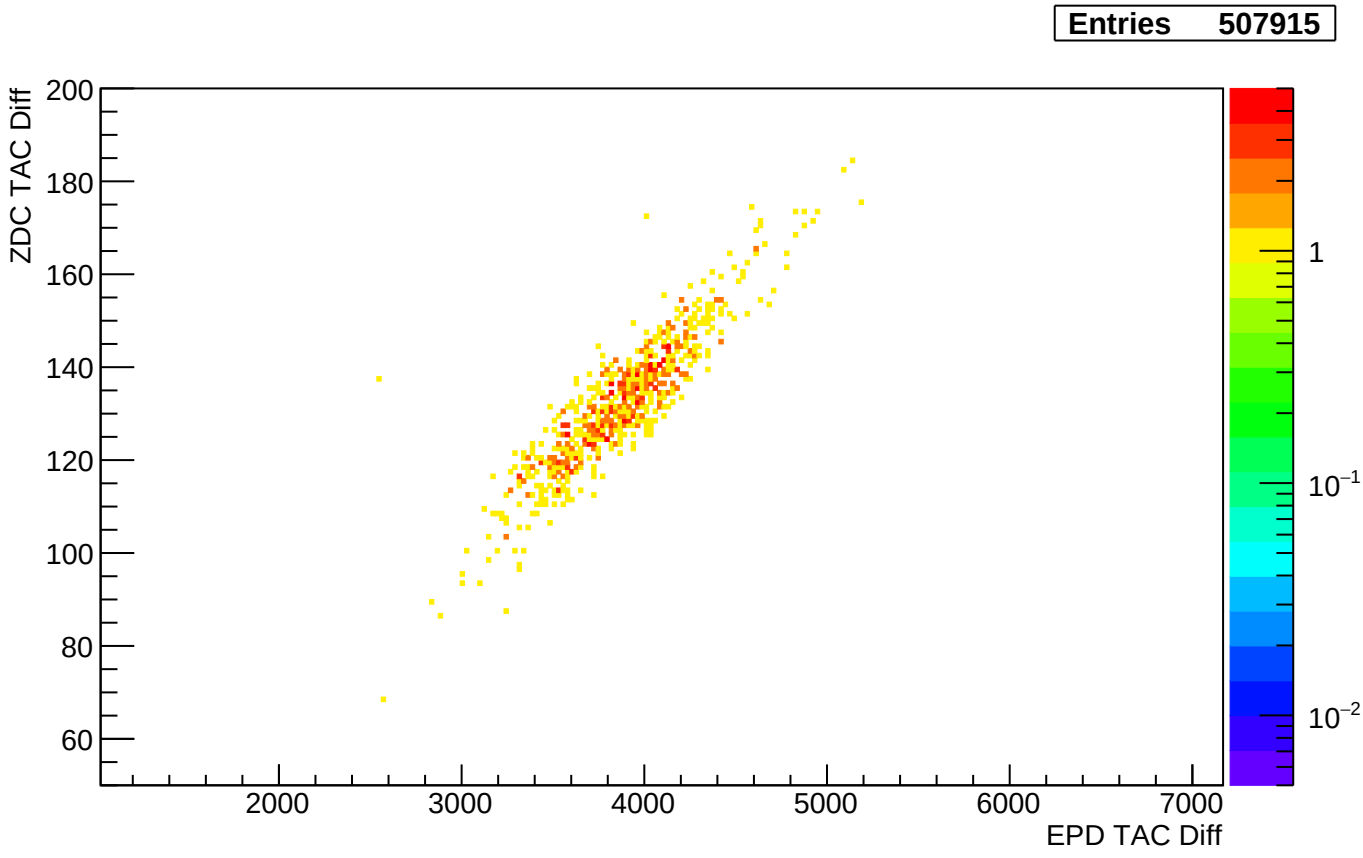

Entries 507915
TOF-Mult
BBC-S-West ADC Sum

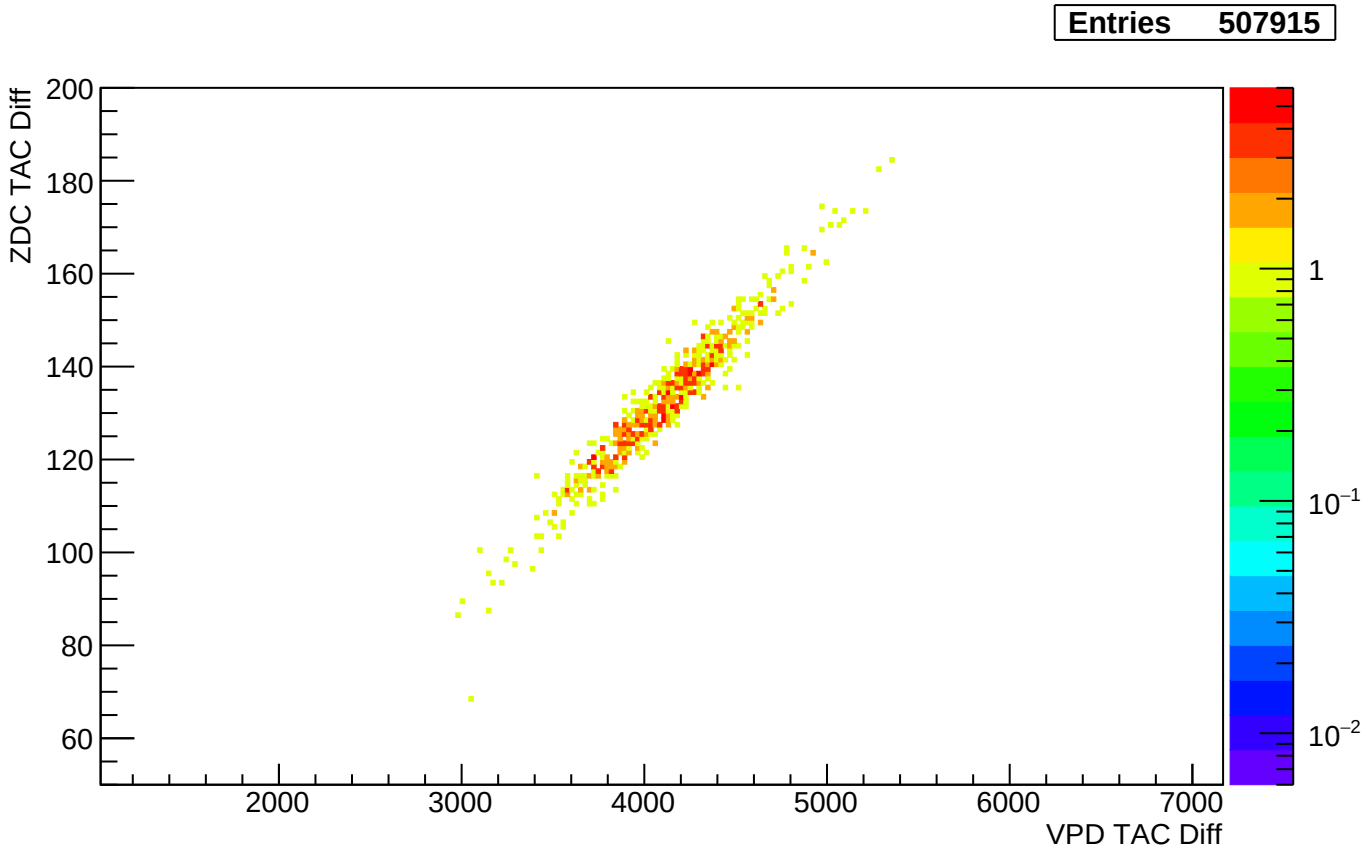

Entries 507915
TOF-Mult
EPD-East Hit Cnt

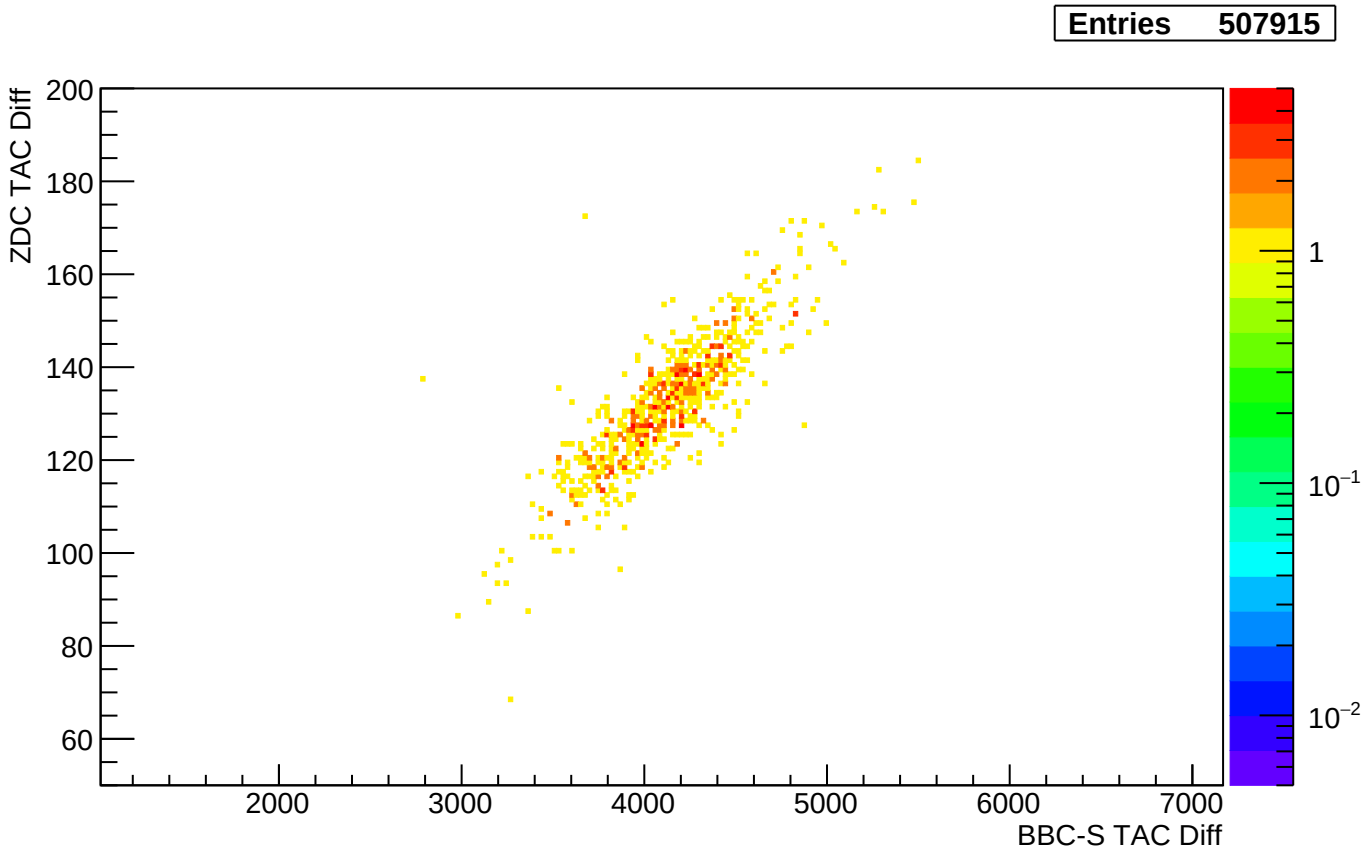

Entries 507915
TOF-Mult
EPD-West Hit Cnt

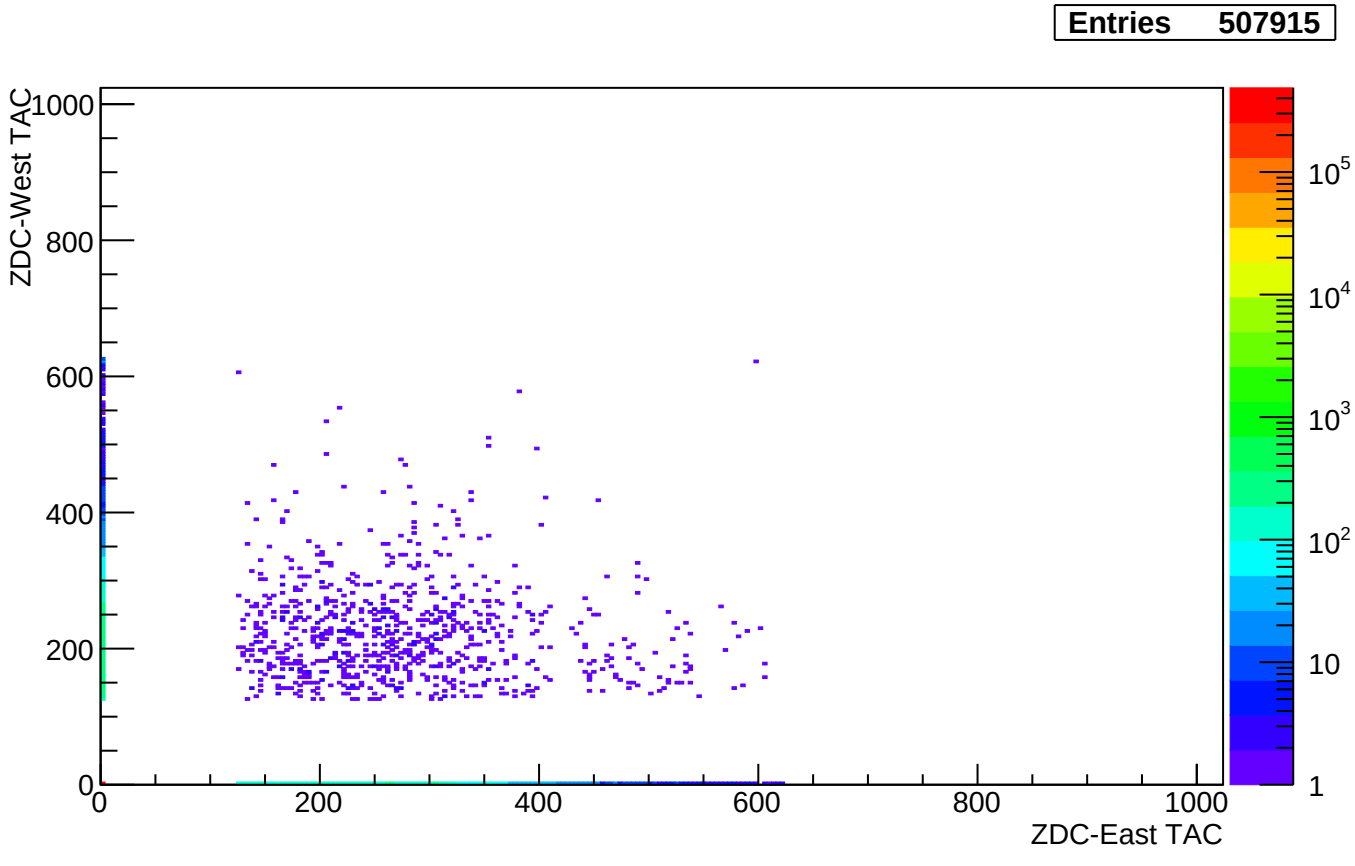

Entries 507915
TOF-Mult
VPD-East ADC Sum

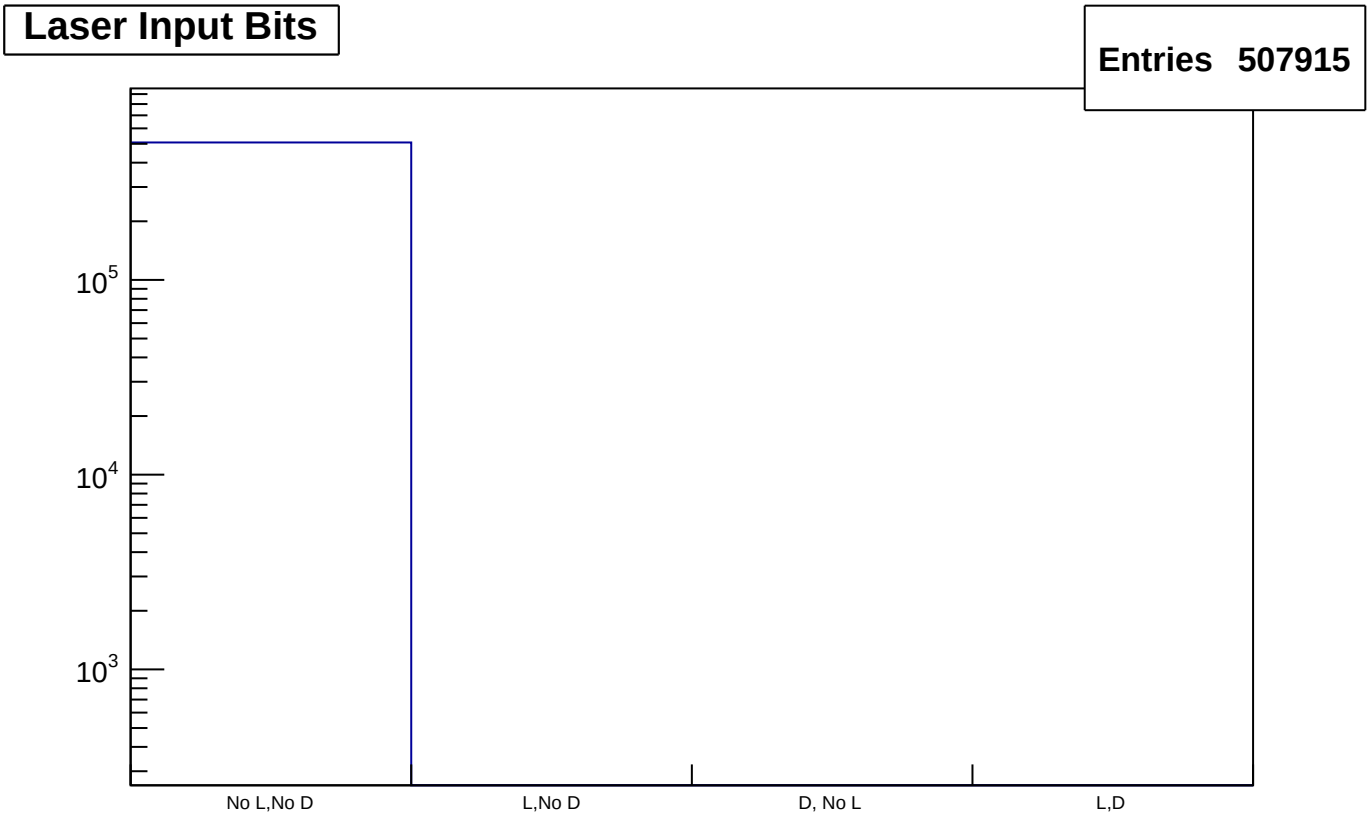

Entries 507915
TOF-Mult
VPD-West ADC Sum

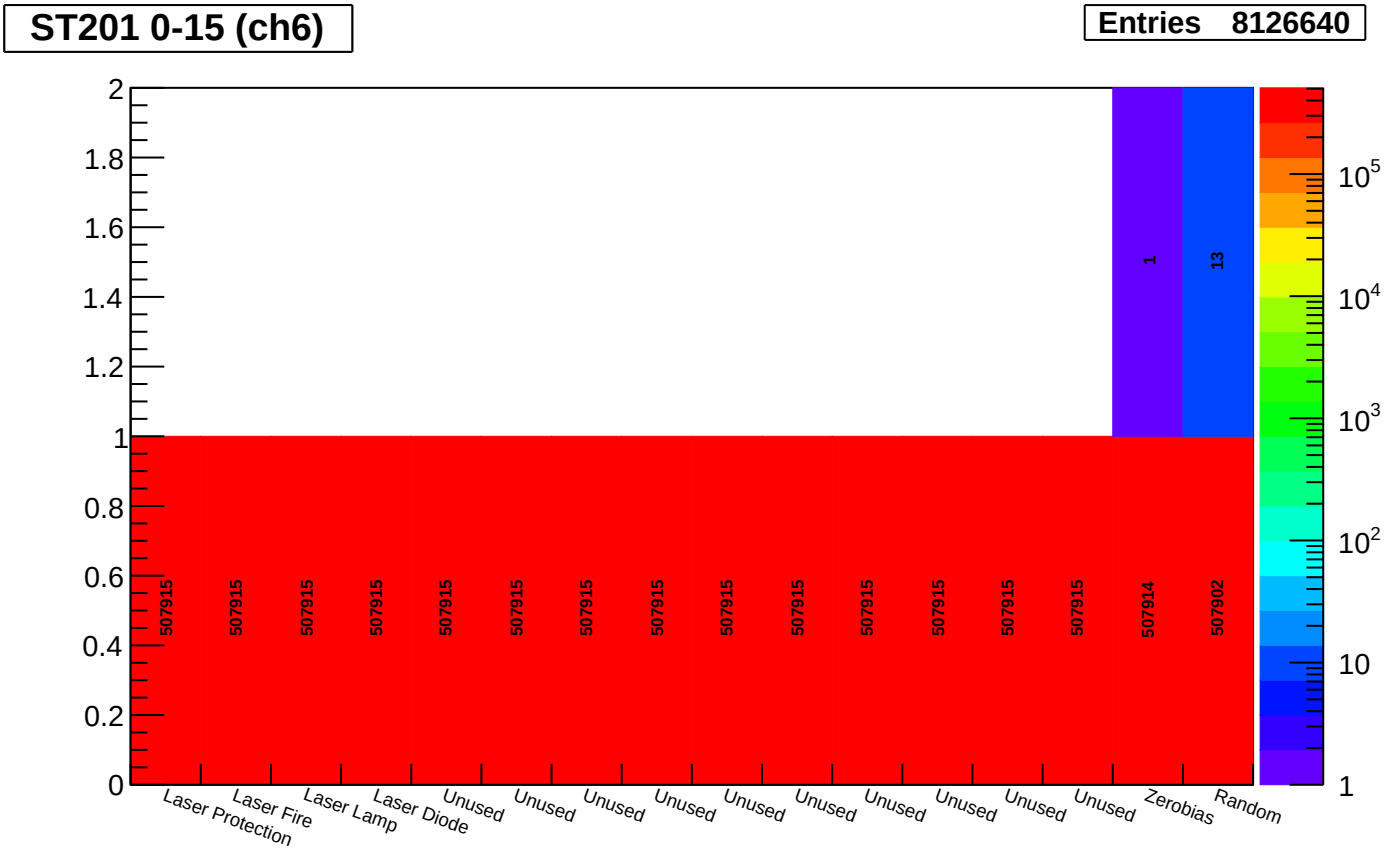

Entries 507915
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

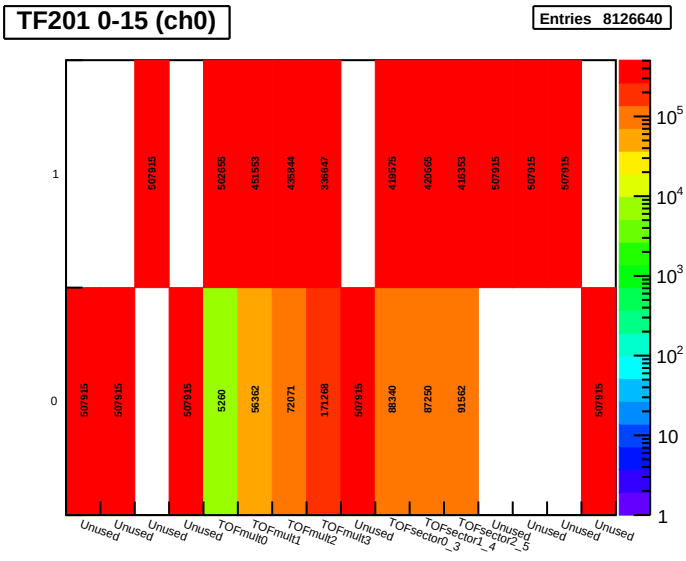

Entries 507915
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

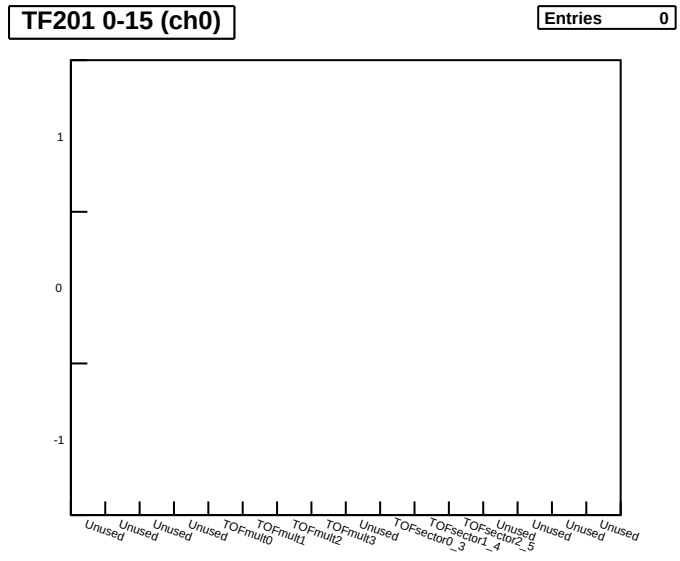

Entries 507915
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

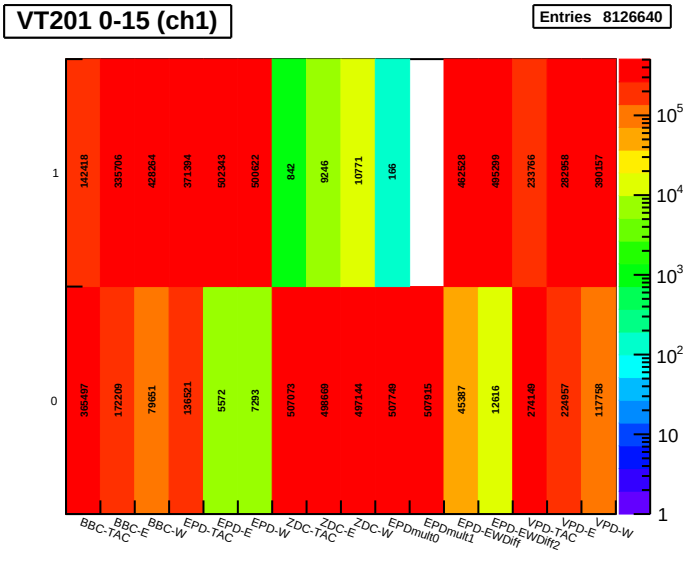

Entries 507915
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

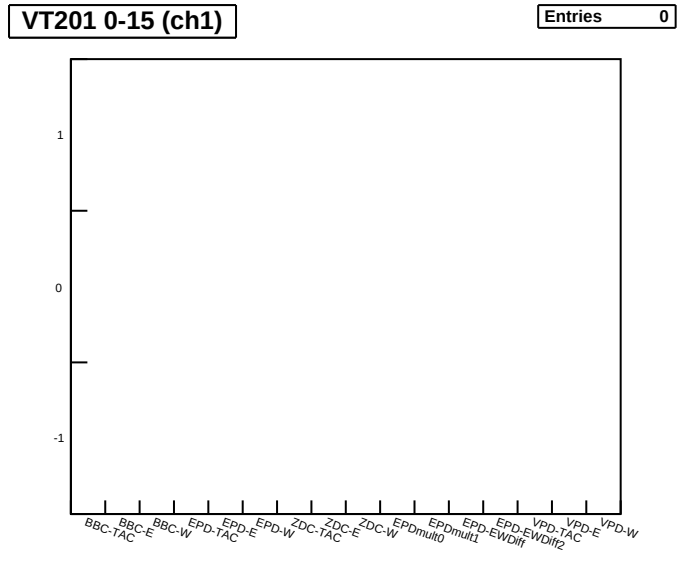

Laser Input Bits
Entries 507915
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

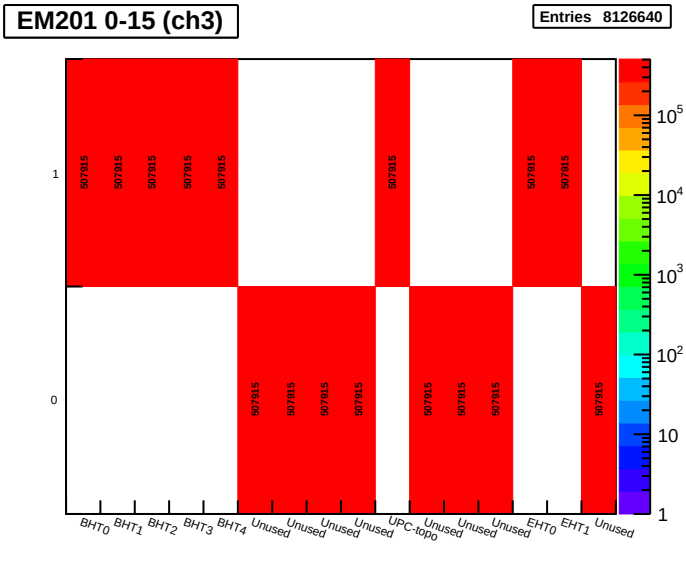

ST201 0-15 (ch6)
Entries 8126640
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
507915
507914
507902
1
13
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

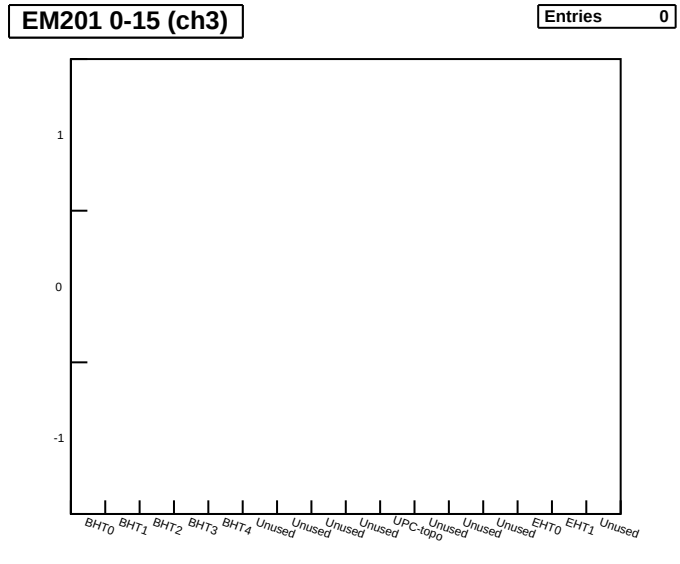

TF201 0-15 (ch0)
Entries 8126640
1
0
507915 502655 451553 435844 336647 419575 420665 418353 507915 507915 507915
507915 507915 507915 5260 56362 72071 171268 507915 88340 87250 91562 507915
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 8126640
1
0
142418 335706 428264 371394 502343 500622 842 9246 10771 166 462528 495299 233766 282958 390157
386497 172209 79651 136521 5572 7293 507073 498660 497144 507749 507915 45387 12616 274149 224957 117758
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 8126640
1
0
507915 507915 507915 507915 507915 507915 507915 507915
507915 507915 507915 507915 507915 507915 507915 507915
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