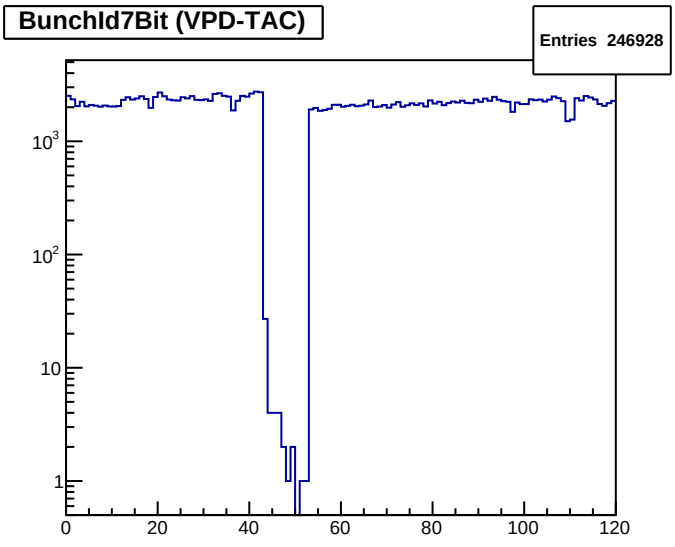
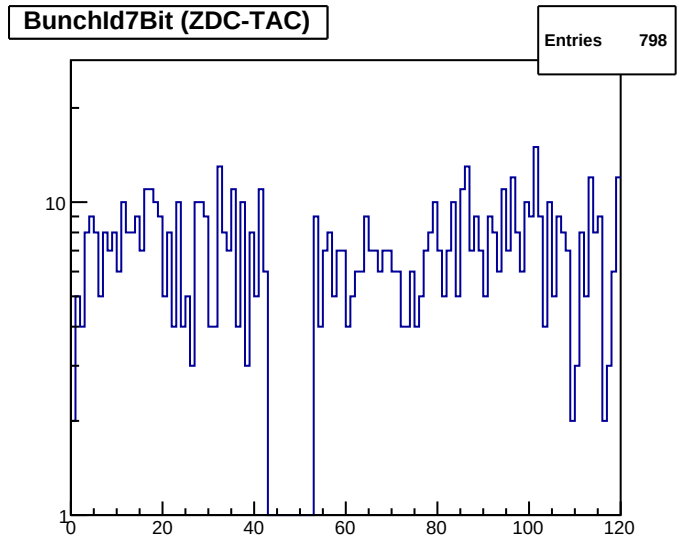
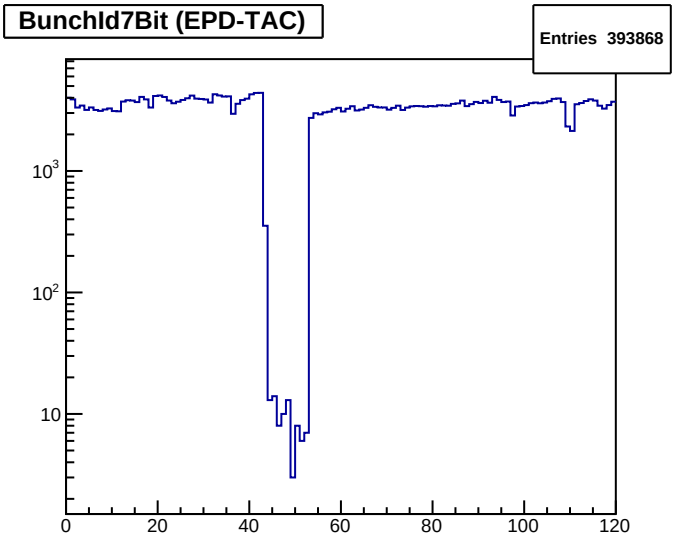
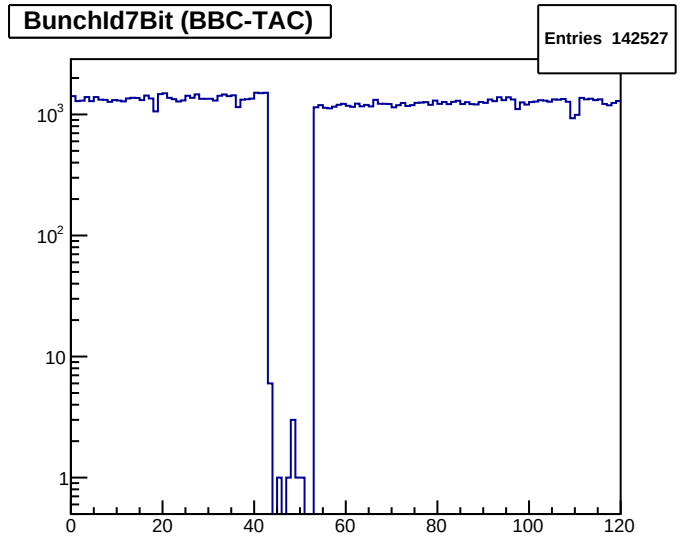
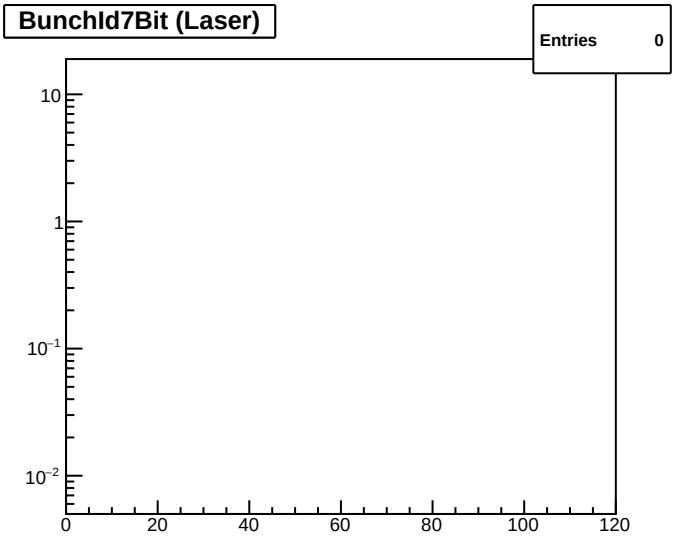
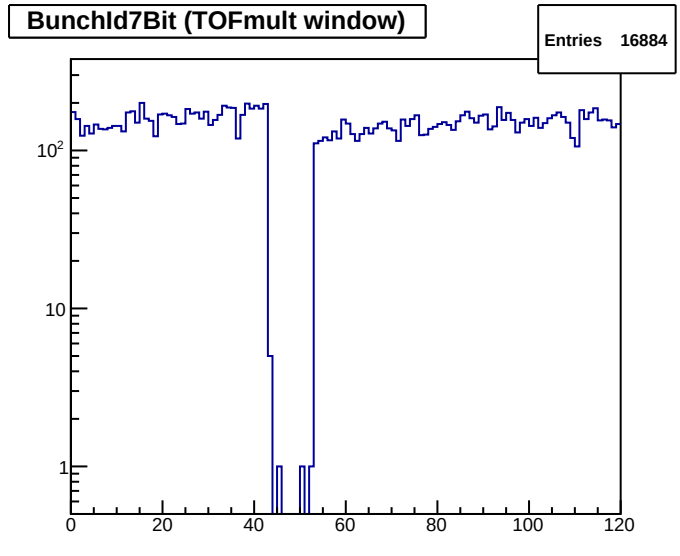

BunchId7Bit (VPD-TAC)
Entries 246928

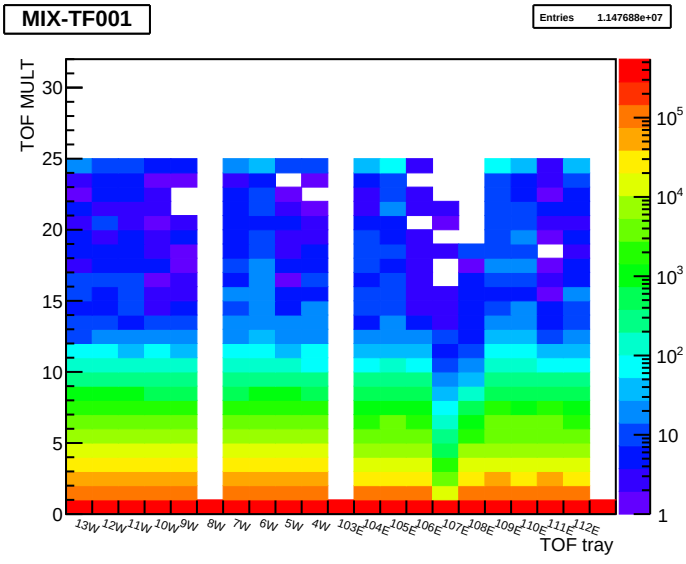

BunchId7Bit (ZDC-TAC)
Entries 798

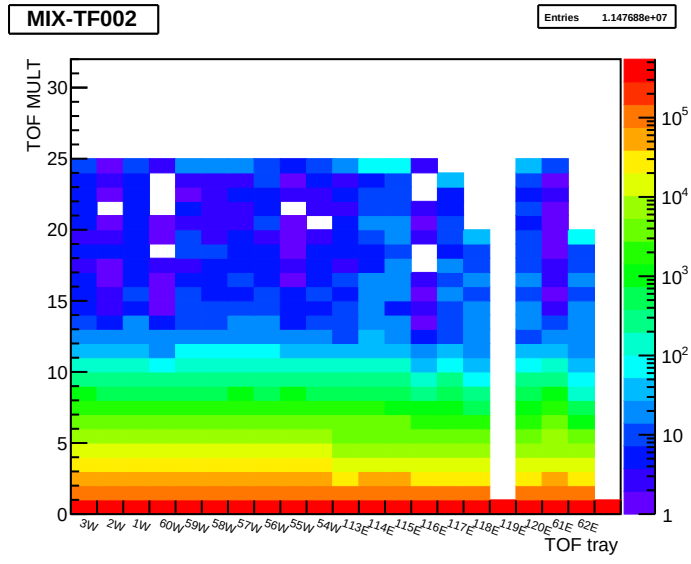

BunchId7Bit (EPD-TAC)
Entries 393868

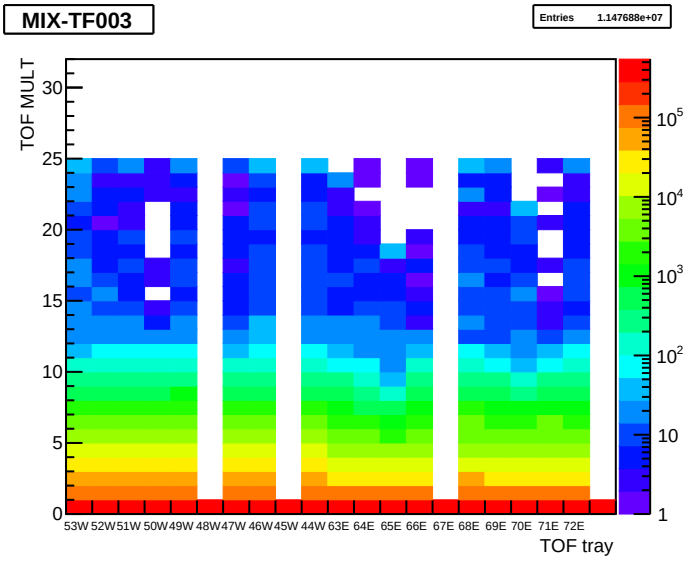

BunchId7Bit (BBC-TAC)
Entries 142527

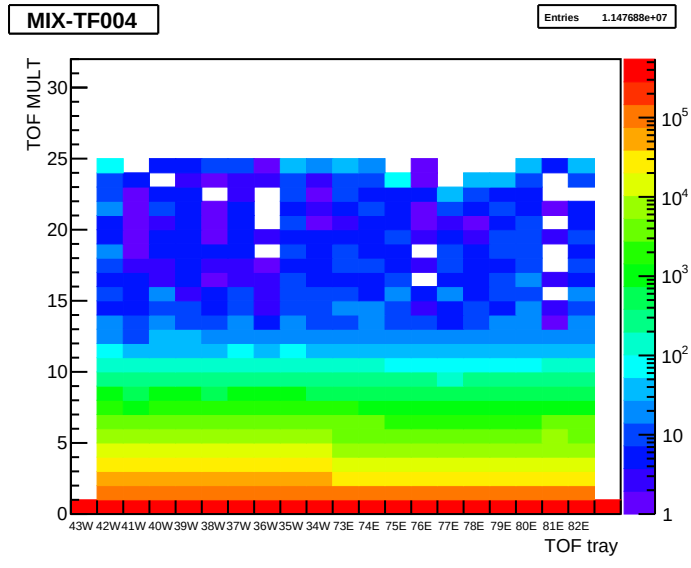

BunchId7Bit (Laser)
Entries 0

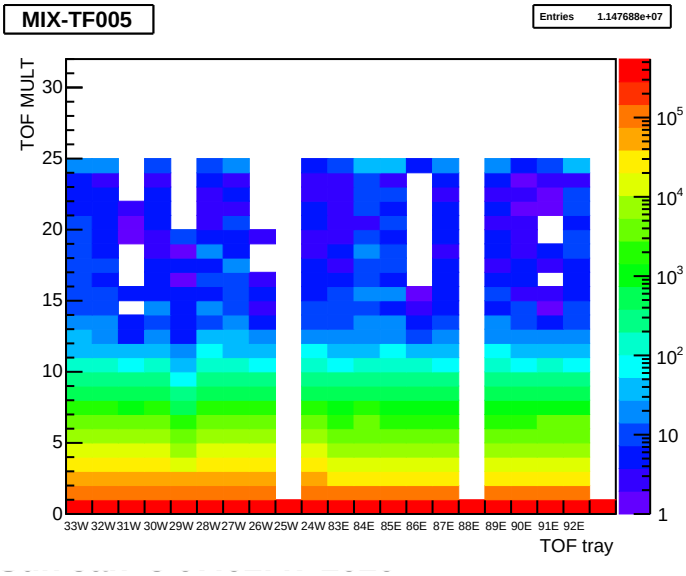

BunchId7Bit (TOFmult window)
Entries 16884

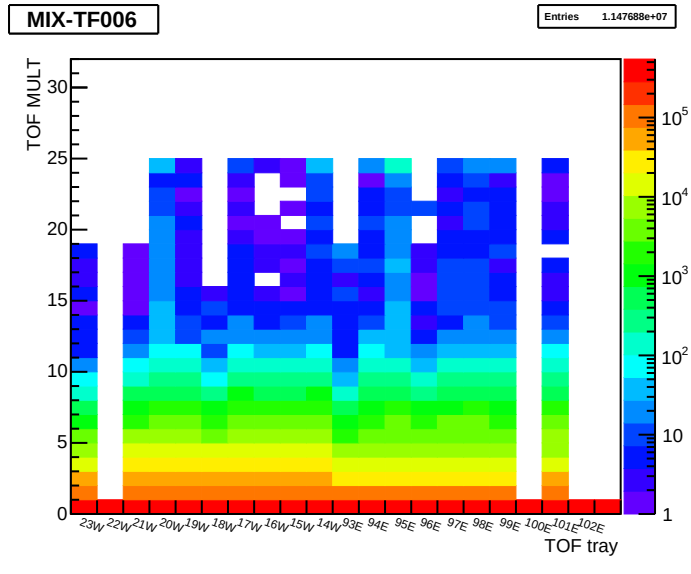

MIX-TF001
Entries 1.147688e+07
TOF MULT
TOF tray

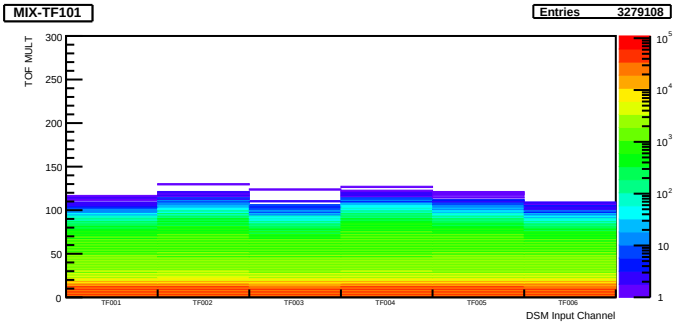

MIX-TF002
Entries 1.147688e+07
TOF MULT
TOF tray

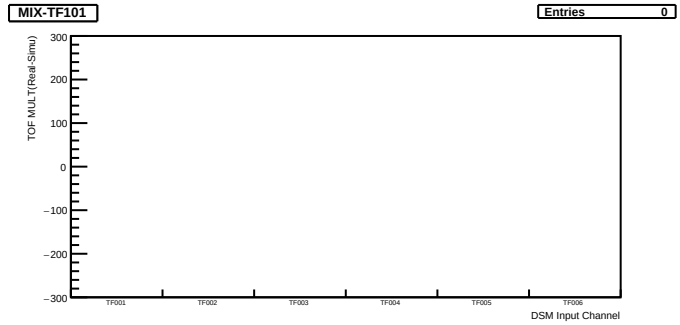

MIX-TF003
Entries 1.147688e+07
TOF MULT
TOF tray

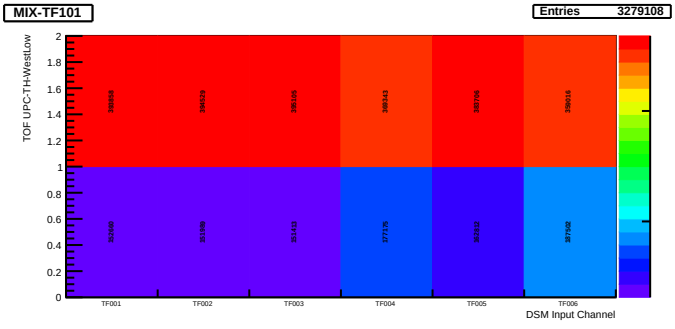

MIX-TF004
Entries 1.147688e+07
TOF MULT
TOF tray

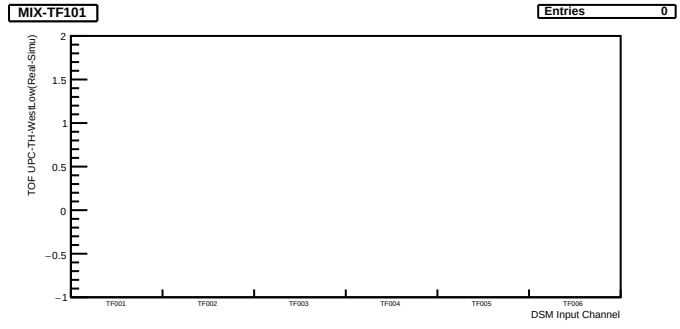

MIX-TF005
Entries 1.147688e+07
TOF MULT
TOF tray

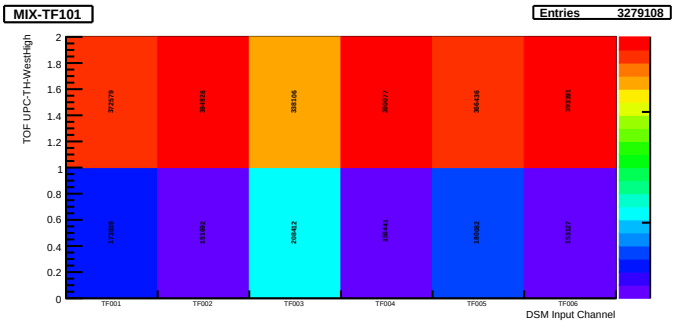

MIX-TF006
Entries 1.147688e+07
TOF MULT
TOF tray

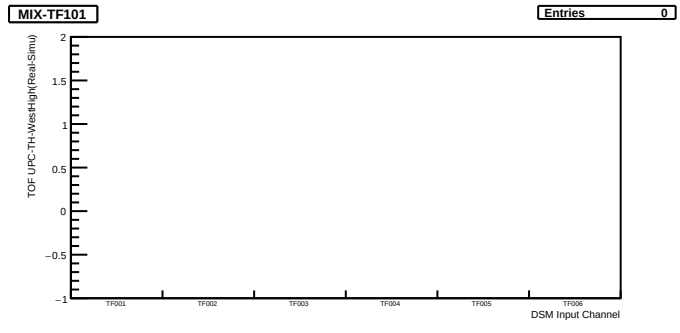

MIX-TF101
Entries 3279108
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

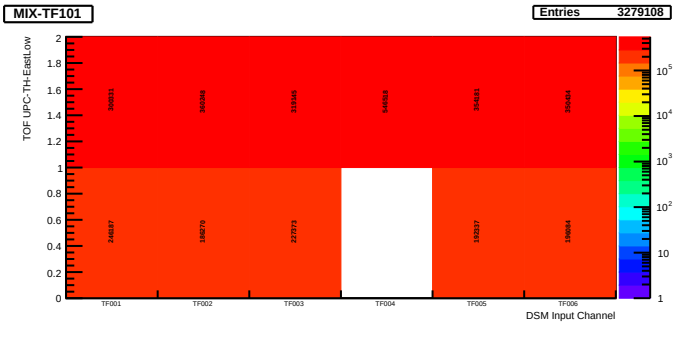

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

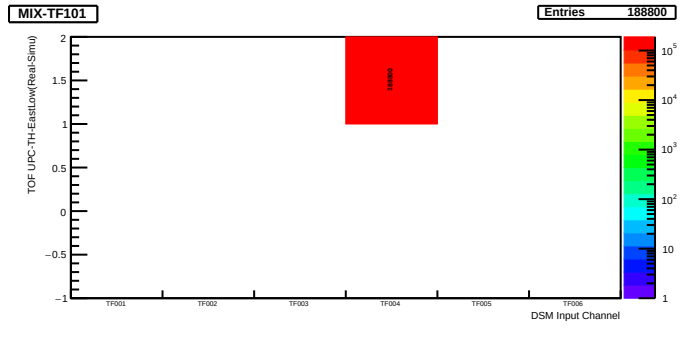

MIX-TF101
Entries 3279108
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

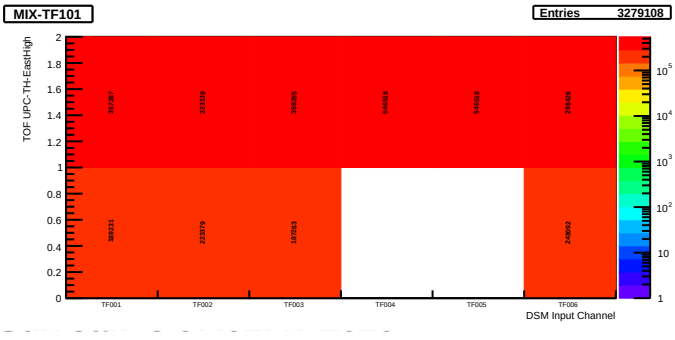

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

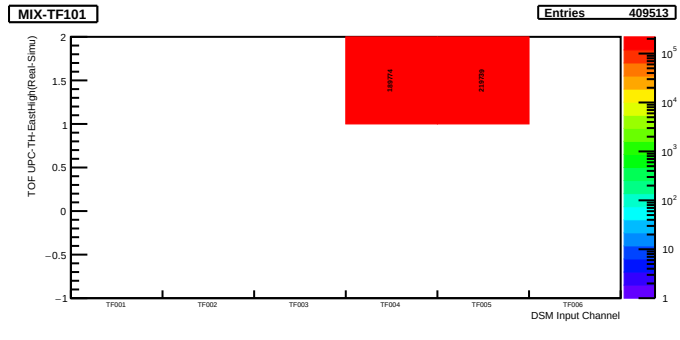

MIX-TF101
Entries 3279108
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

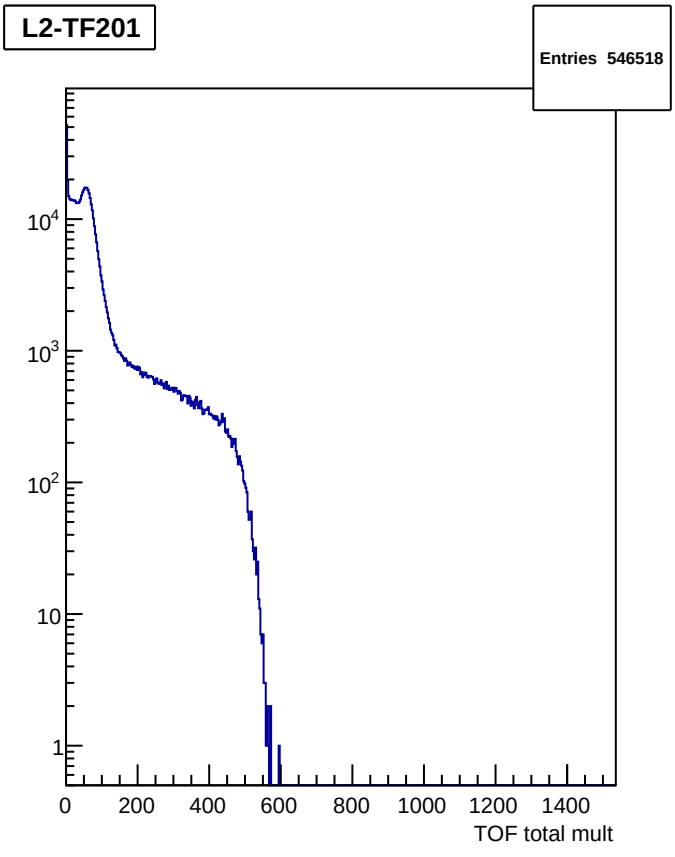

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

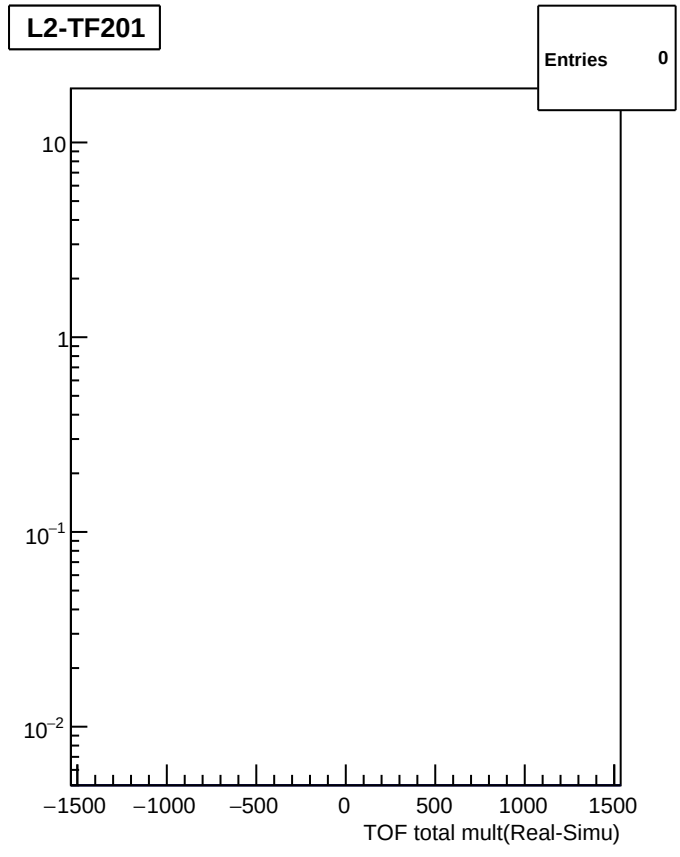

MIX-TF101
Entries 3279108
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

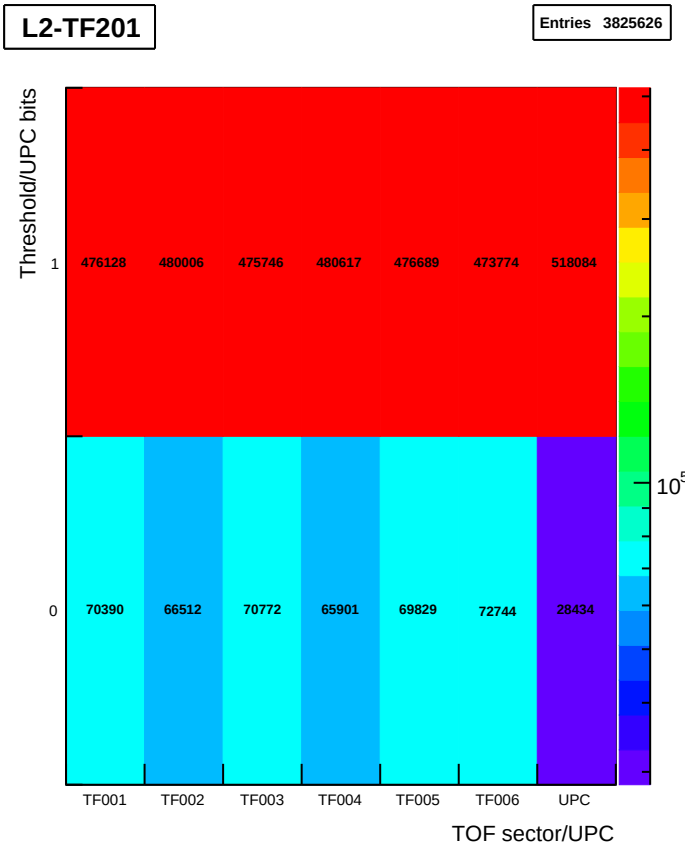

MIX-TF101
Entries 188800
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

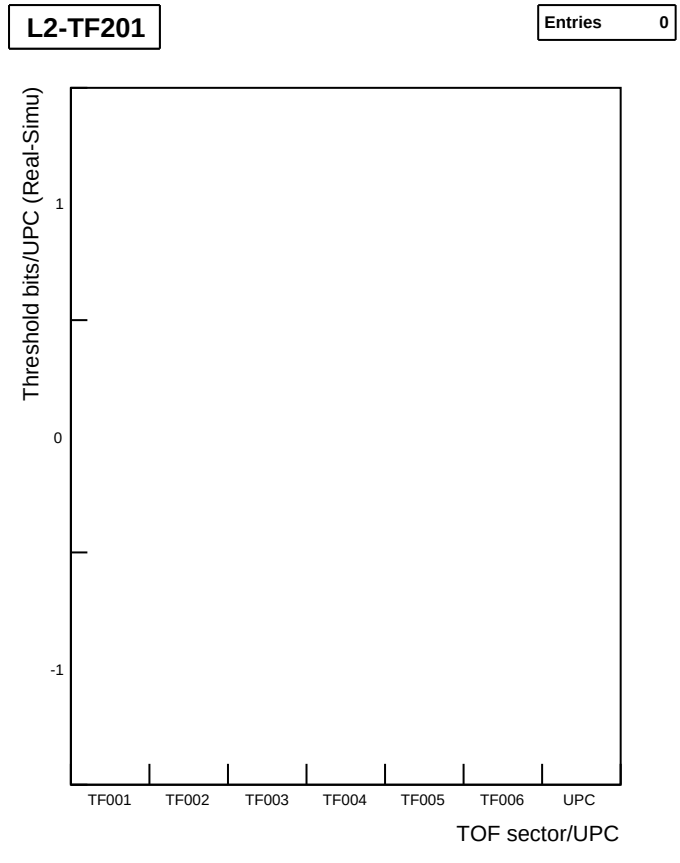

MIX-TF101
Entries 3279108
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

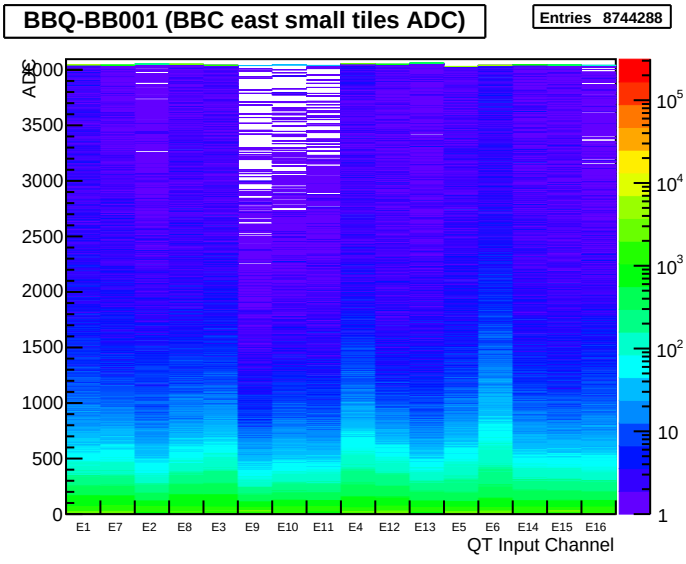

MIX-TF101
Entries 409513
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

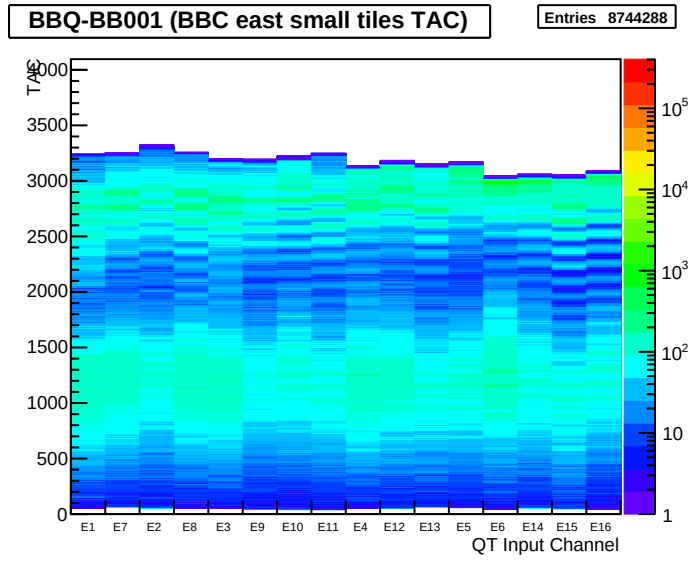

L2-TF201
Entries 546518
TOF total mult

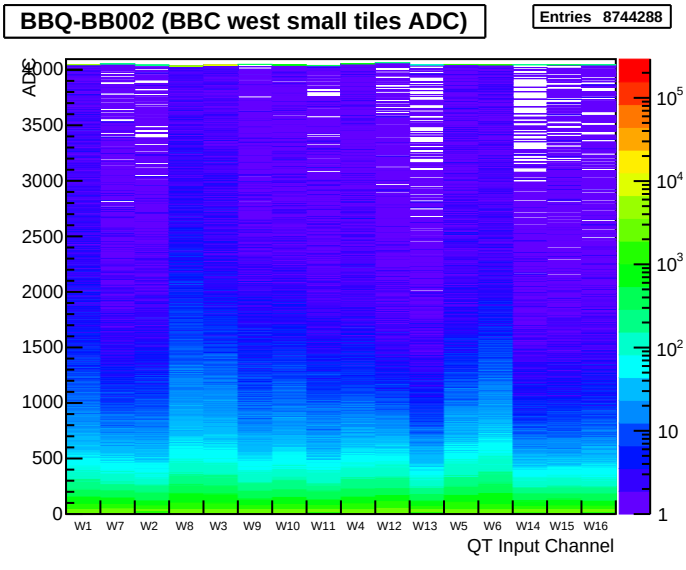

L2-TF201
Entries 0
TOF total mult(Real-Simu)

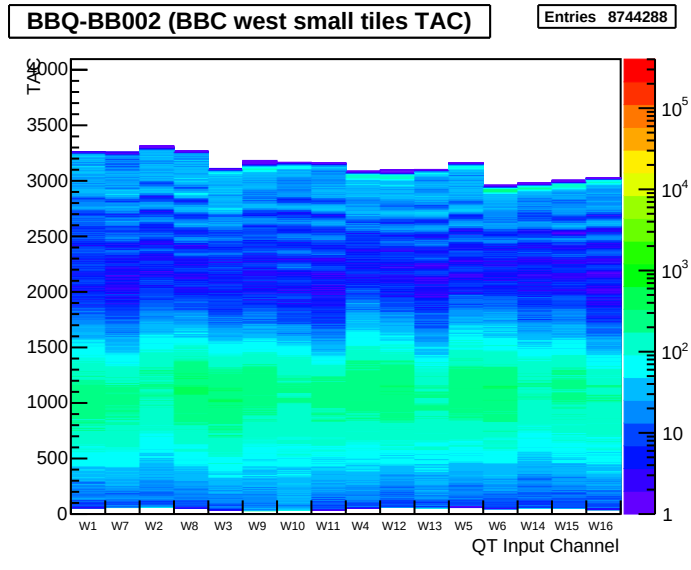

L2-TF201
Entries 3825626
Threshold/UPC bits
476128
480006
475746
480617
476689
473774
518084
70390
66512
70772
65901
69829
72744
28434
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

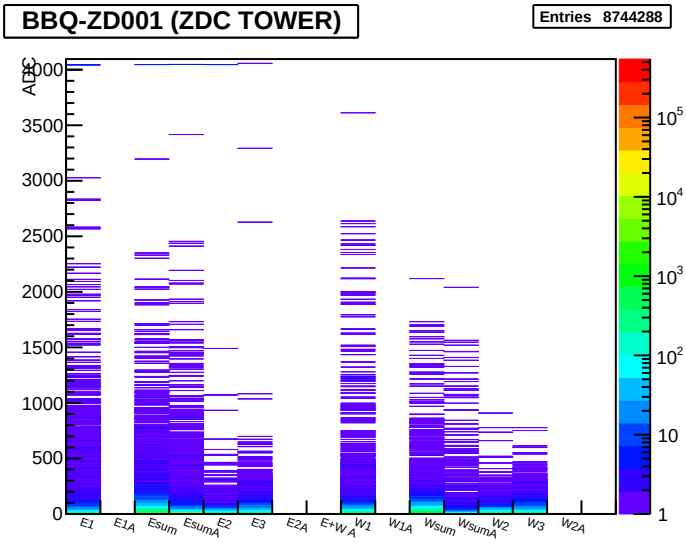

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

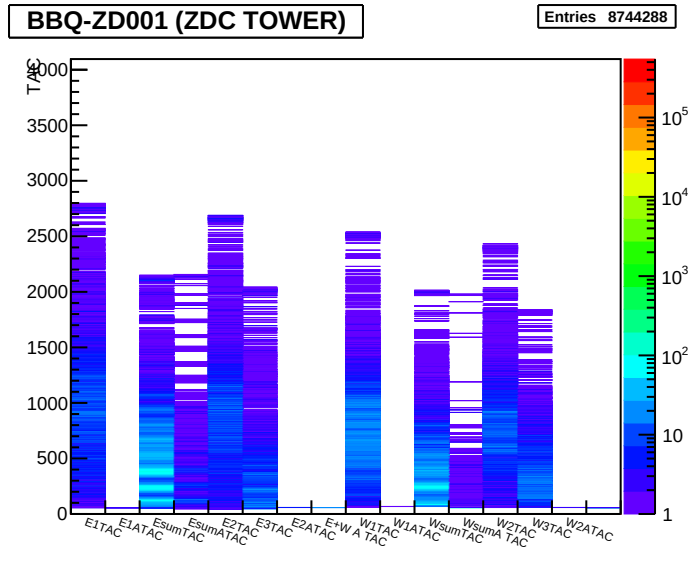

BBQ-BB001 (BBC east small tiles ADC)
Entries 8744288
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

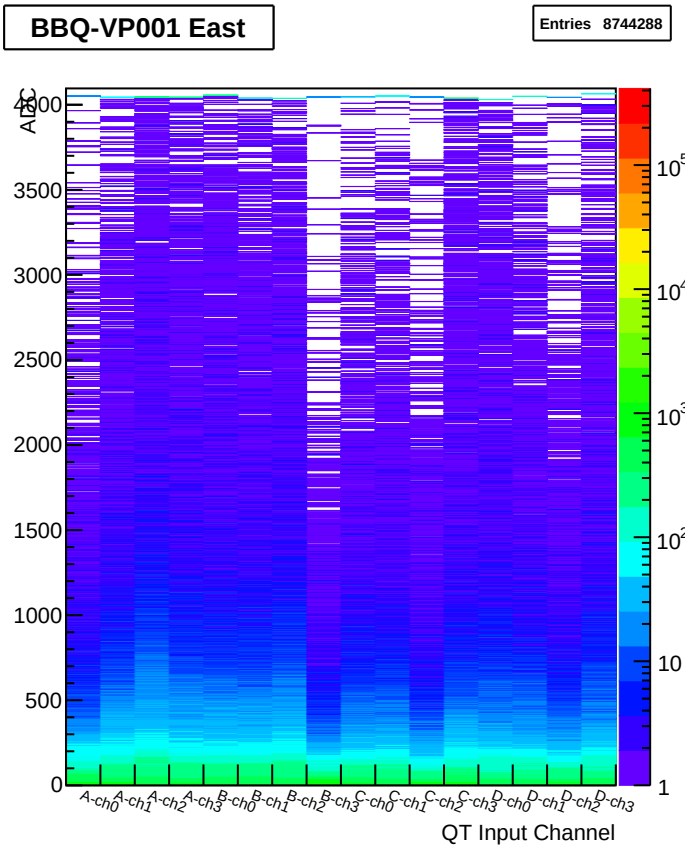

BBQ-BB001 (BBC east small tiles TAC)
Entries 8744288
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

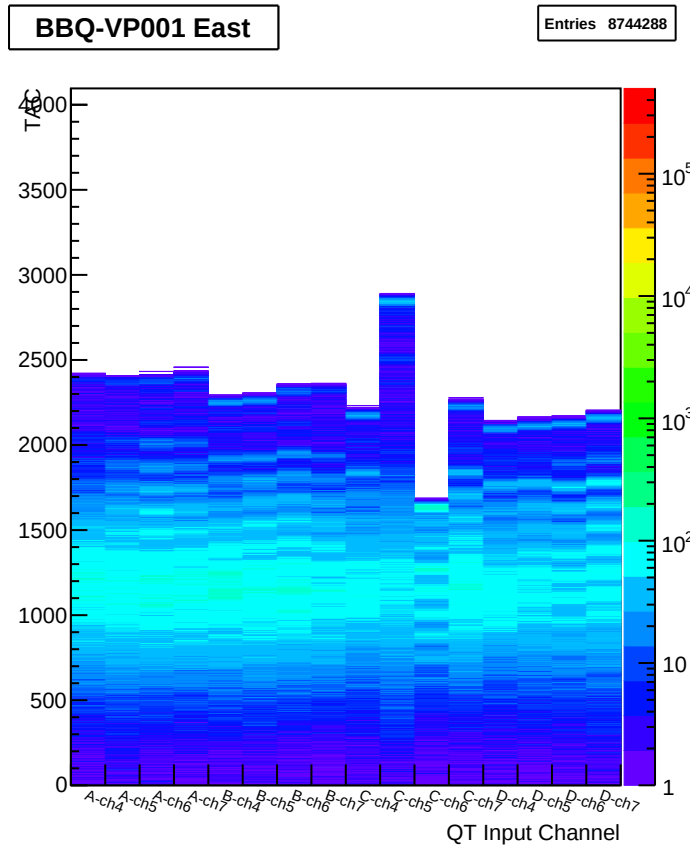

BBQ-BB002 (BBC west small tiles ADC)
Entries 8744288
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

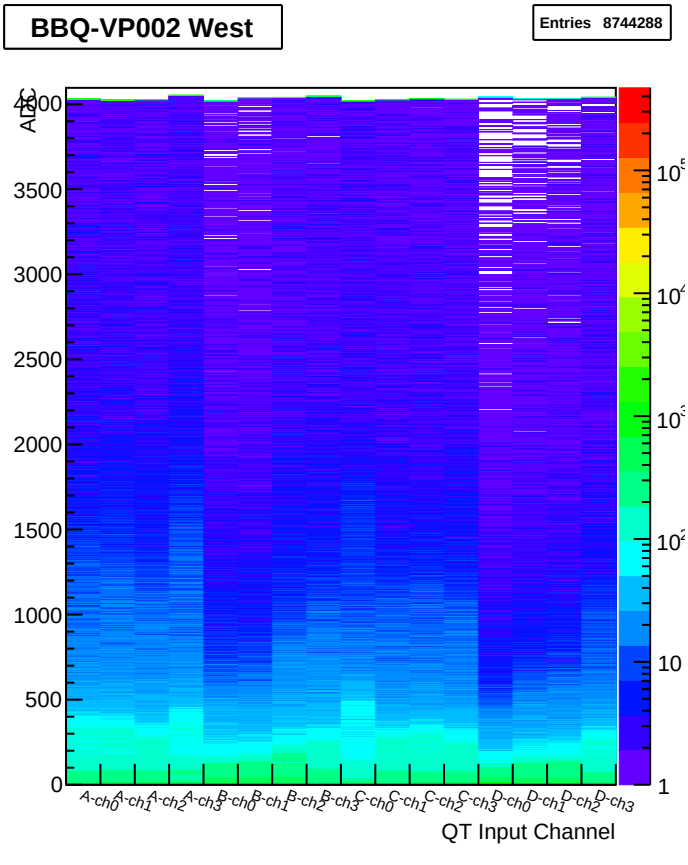

BBQ-BB002 (BBC west small tiles TAC)
Entries 8744288
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

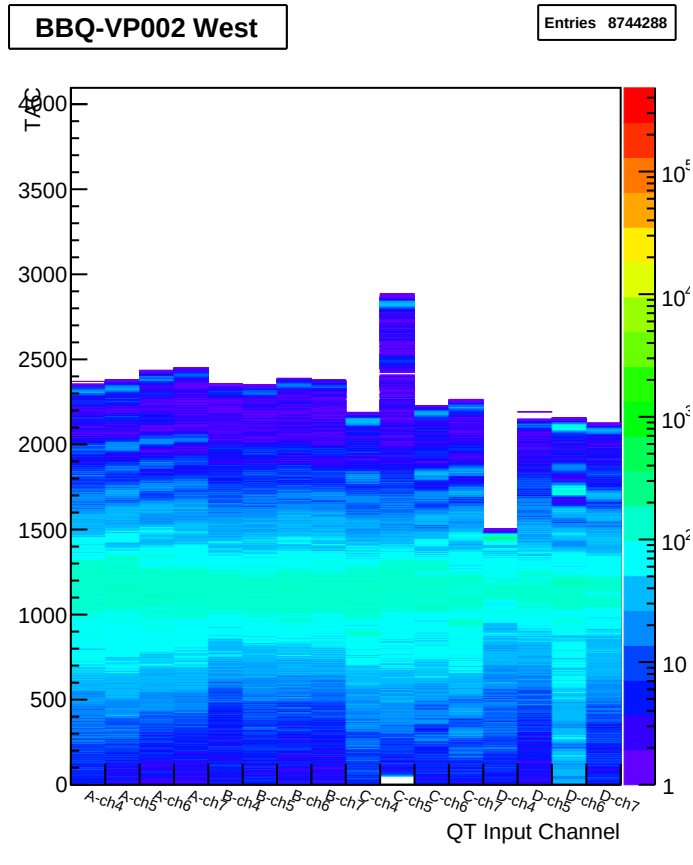

BBQ-ZD001 (ZDC TOWER)
Entries 8744288
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

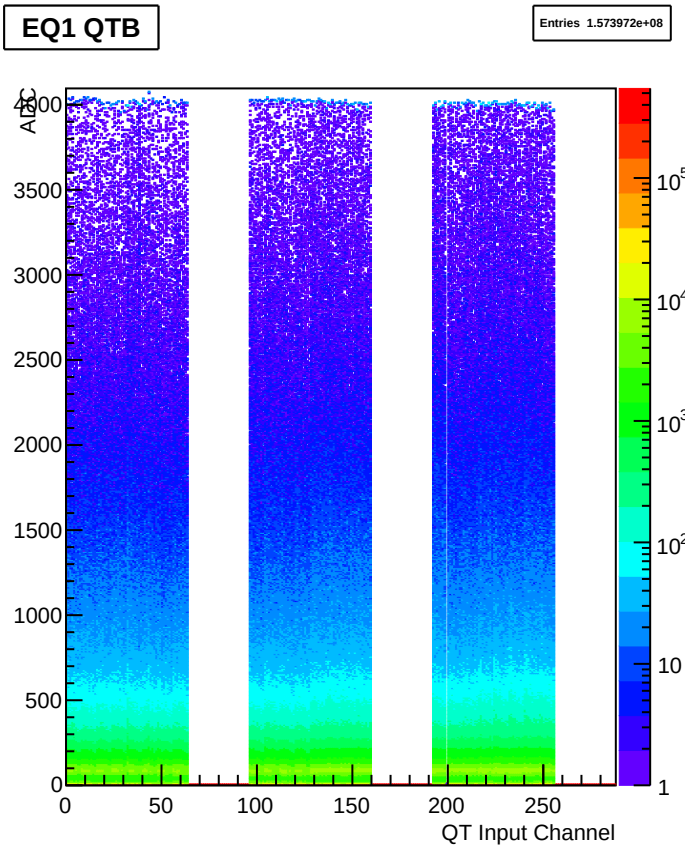

BBQ-ZD001 (ZDC TOWER)
Entries 8744288
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

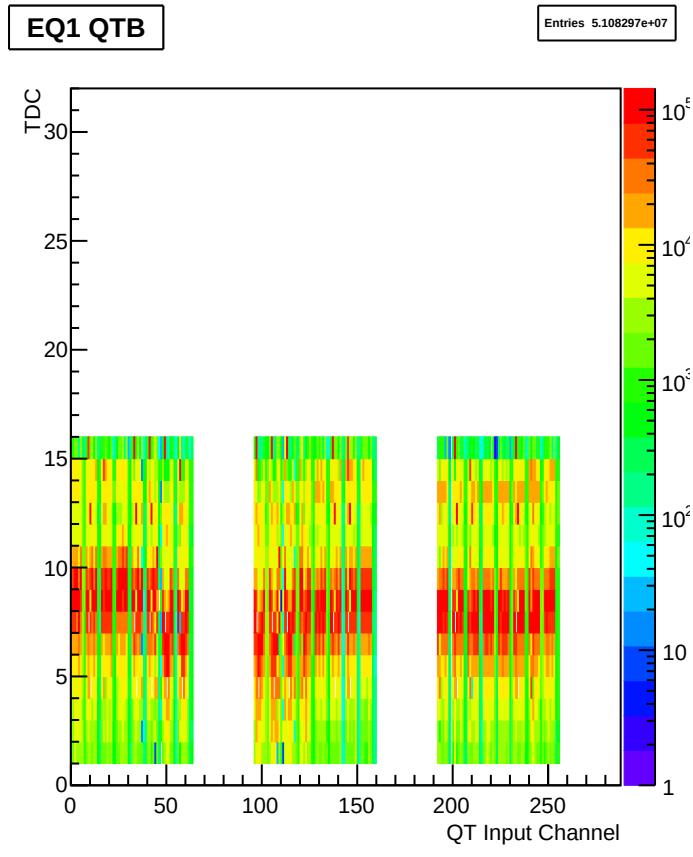

BBQ-VP001 East
Entries 8744288
ADC
QT Input Channel

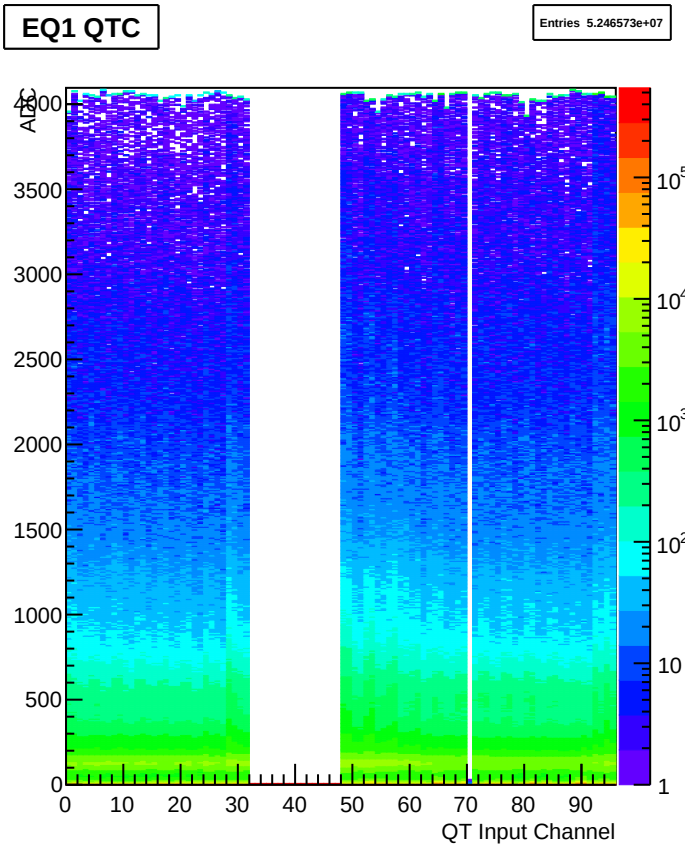

BBQ-VP001 East
Entries 8744288
TADC
QT Input Channel

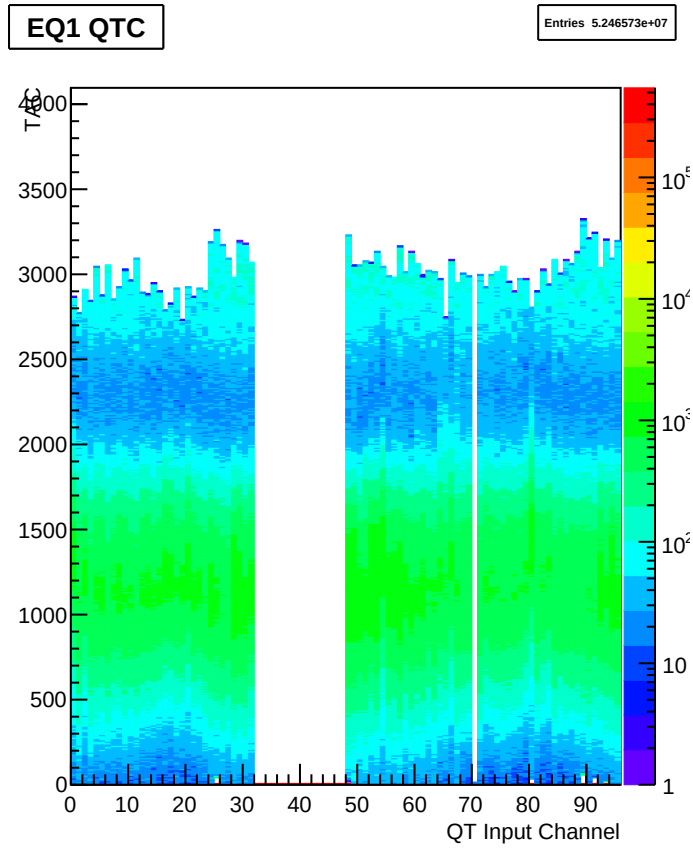

BBQ-VP002 West
Entries 8744288
ADC
QT Input Channel

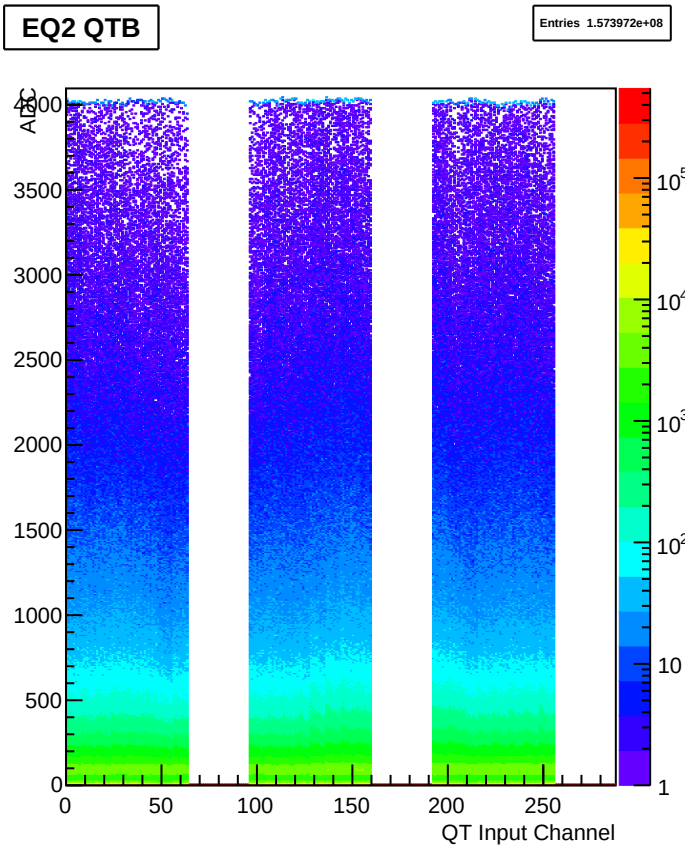

BBQ-VP002 West
Entries 8744288
TADC
QT Input Channel

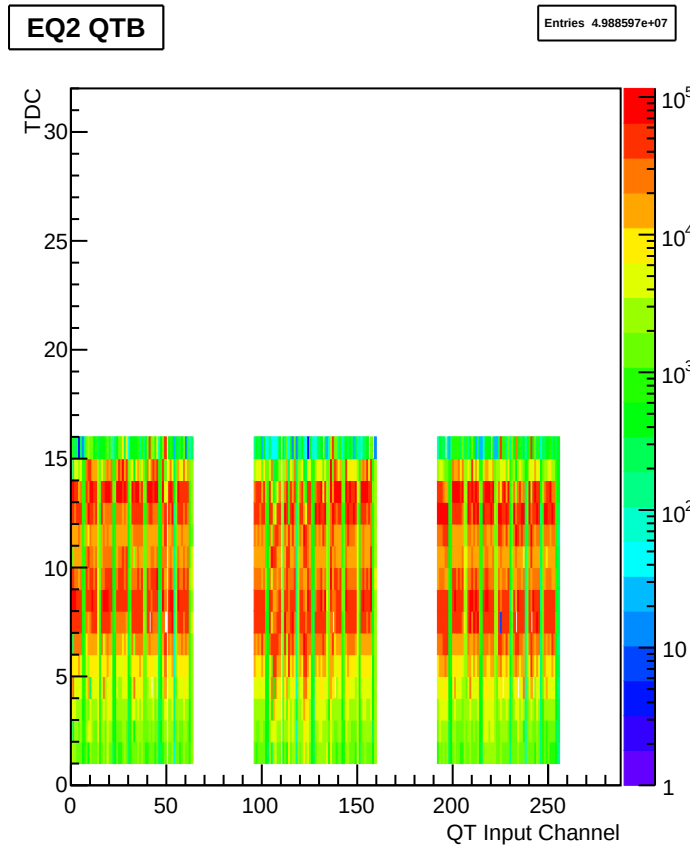

EQ1 QTB
Entries 1.573972e+08
ADC
QT Input Channel

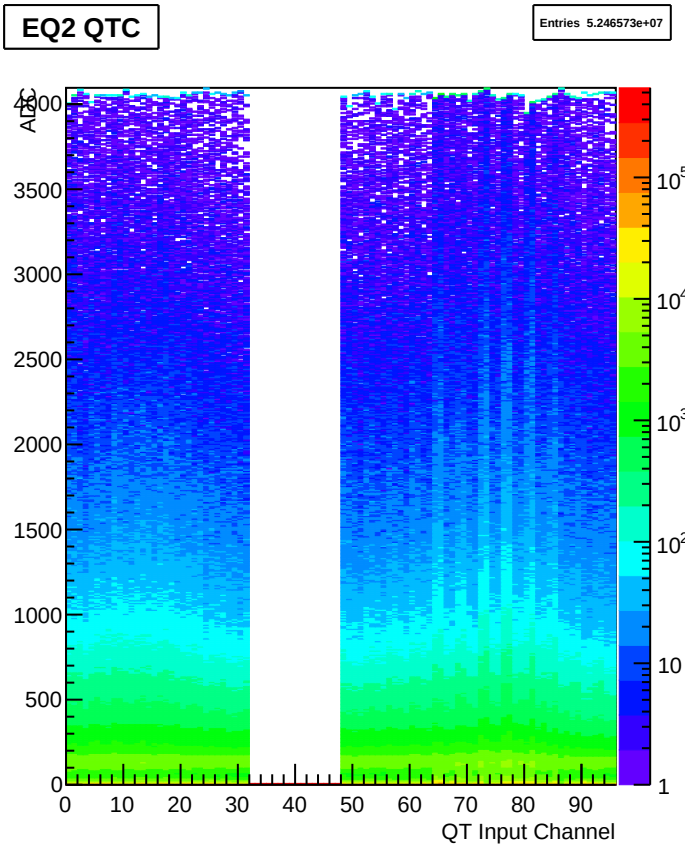

EQ1 QTB
Entries 5.108297e+07
TDC
QT Input Channel

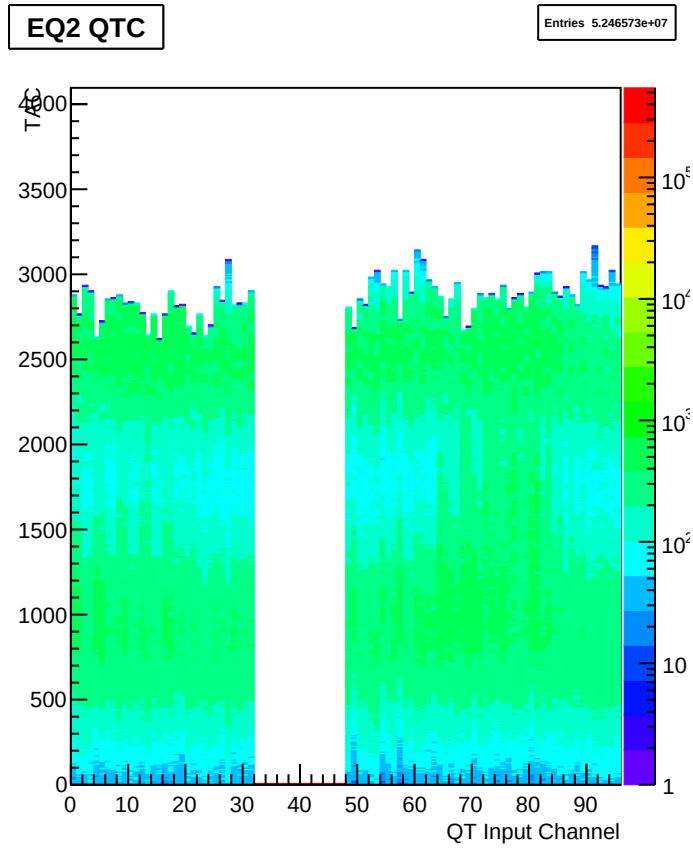

EQ1 QTC
Entries 5.246573e+07
ADC
QT Input Channel

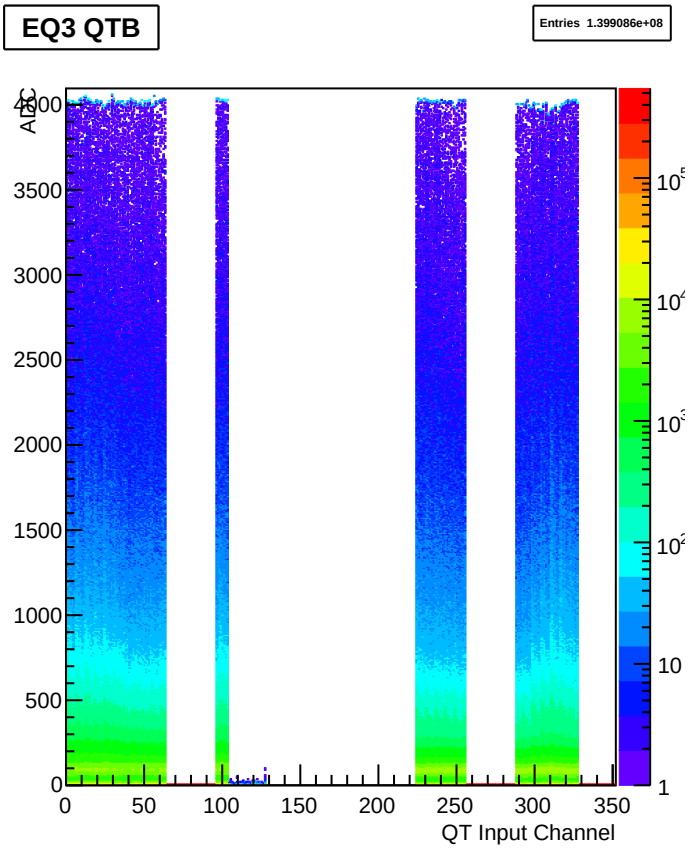

EQ1 QTC
Entries 5.246573e+07
TADC
QT Input Channel

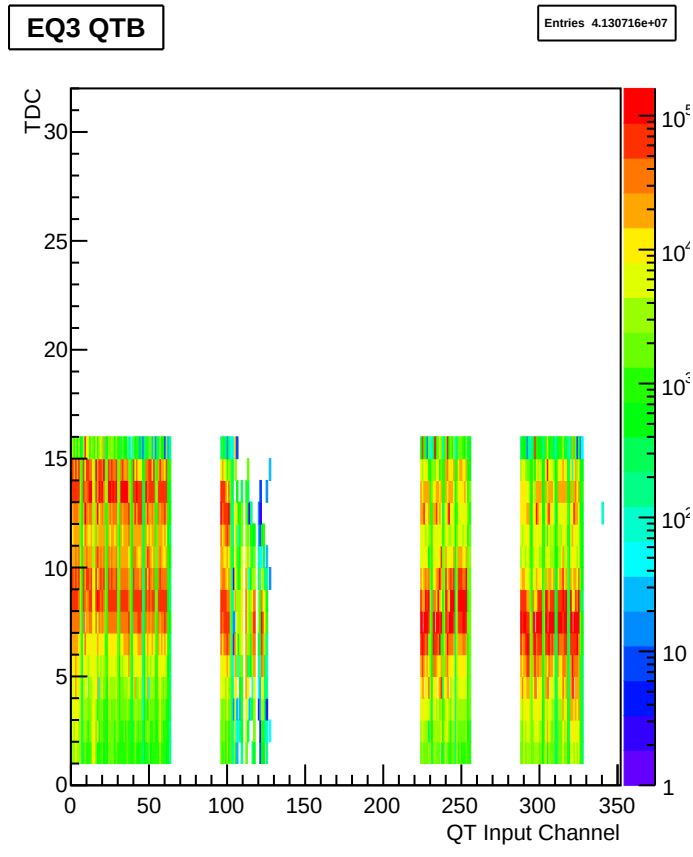

EQ2 QTB
Entries 1.573972e+08
ADC
QT Input Channel

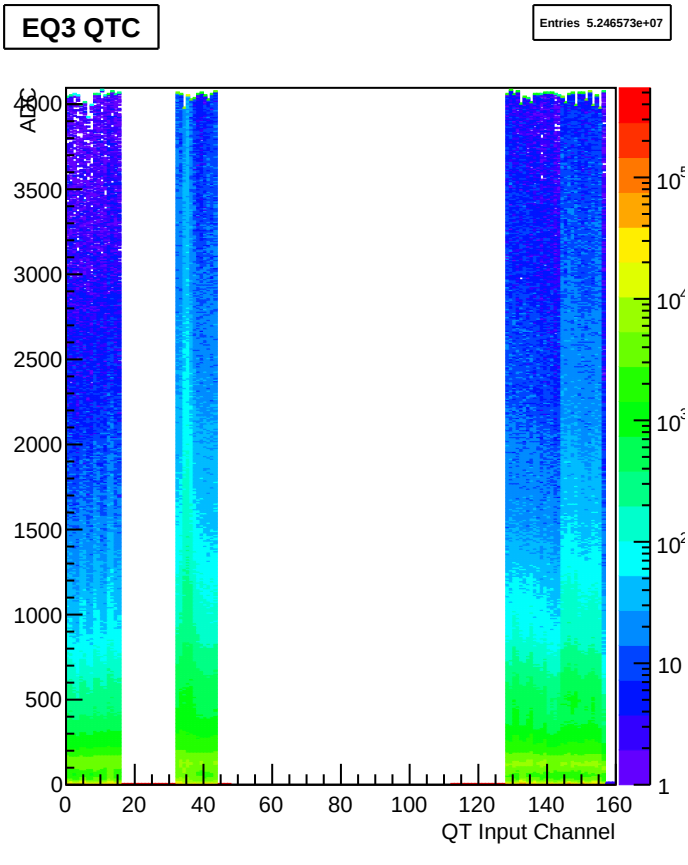

EQ2 QTB
Entries 4.988597e+07
TDC
QT Input Channel

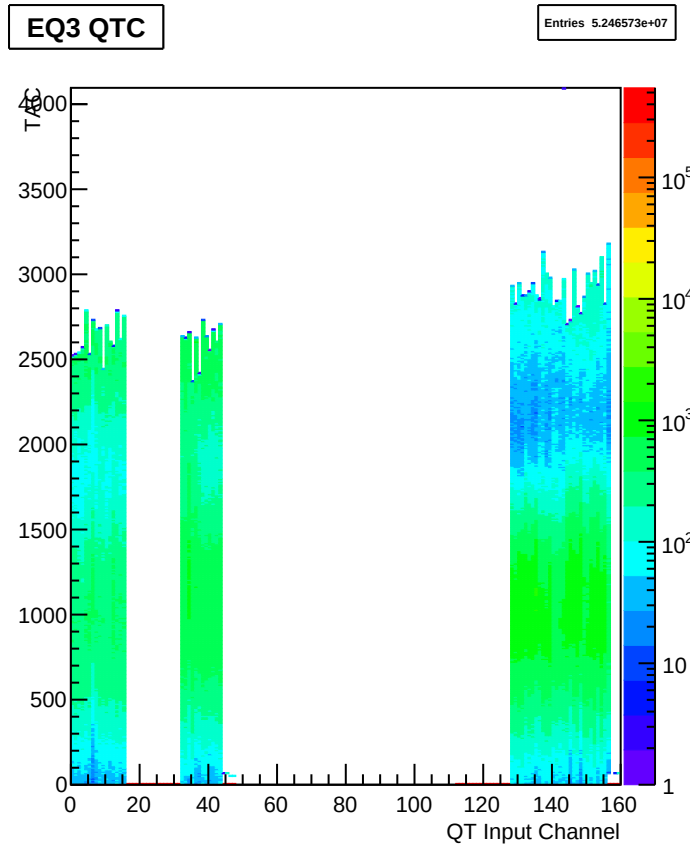

EQ2 QTC
Entries 5.246573e+07
ADC
QT Input Channel

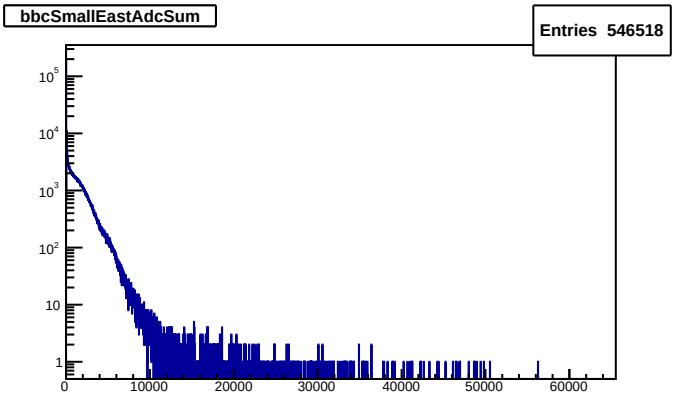

EQ2 QTC
Entries 5.246573e+07
TADC
QT Input Channel

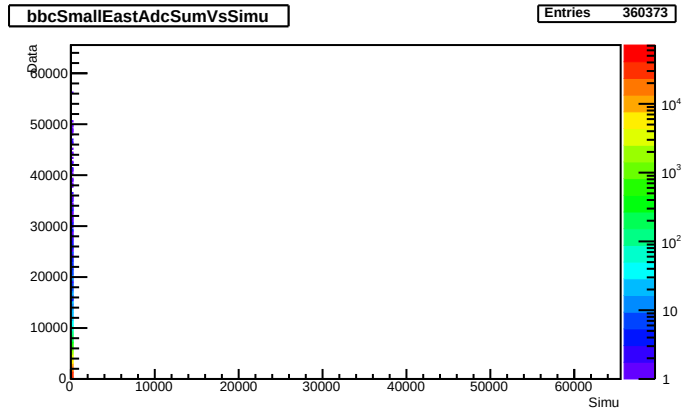

EQ3 QTB
Entries 1.399086e+08
ADC
QT Input Channel

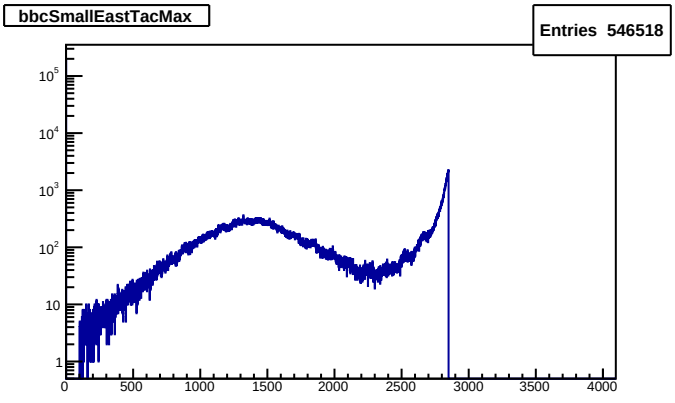

EQ3 QTB
Entries 4.130716e+07
TDC
QT Input Channel

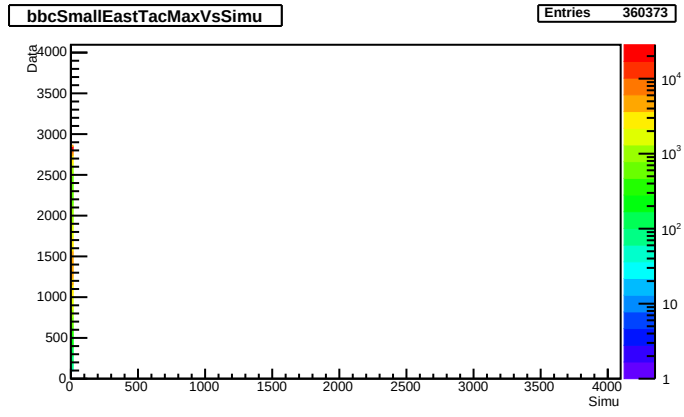

EQ3 QTC
Entries 5.246573e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.246573e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 546518


bbcSmallEastAdcSumVsSimu
Entries 360373
Data
Simu


bbcSmallEastTacMax
Entries 546518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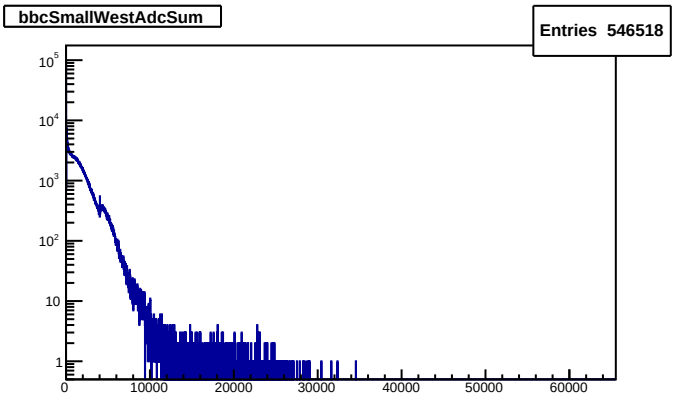
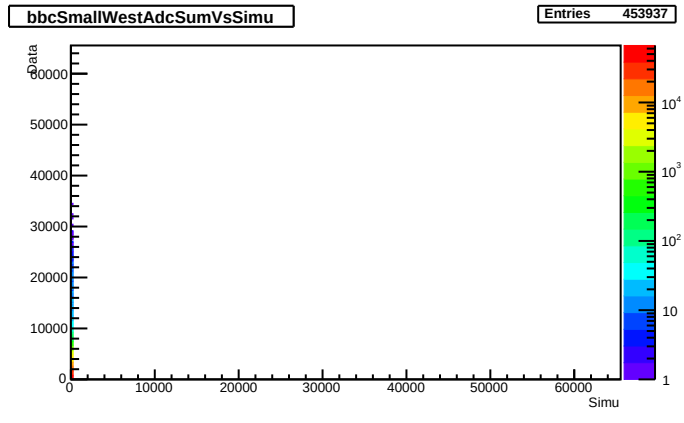
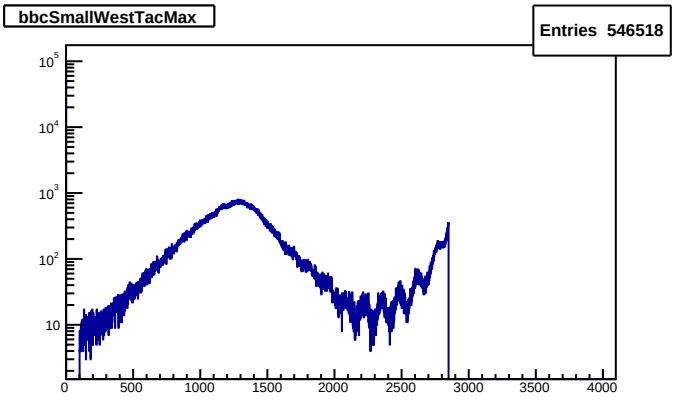
Data
Simu


bbcSmallWestAdcSum
Entries 546518


bbcSmallWestAdcSumVsSimu
Entries 453937
Data
Simu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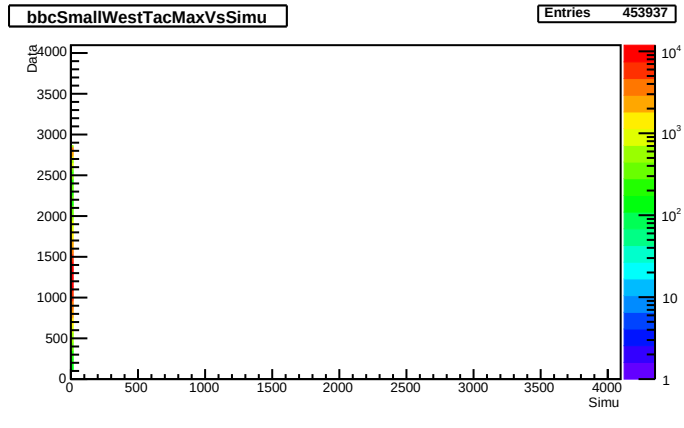
Entries 546518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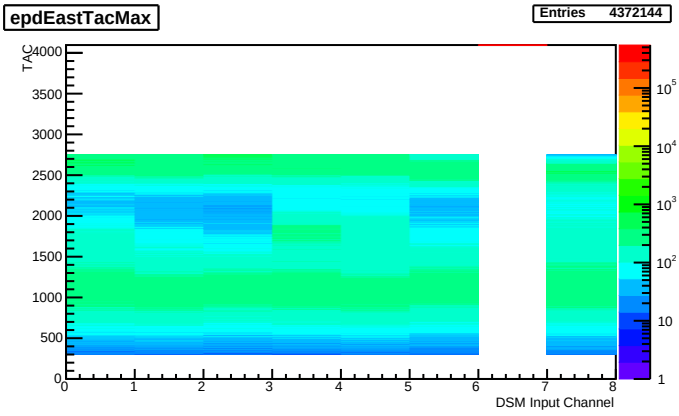
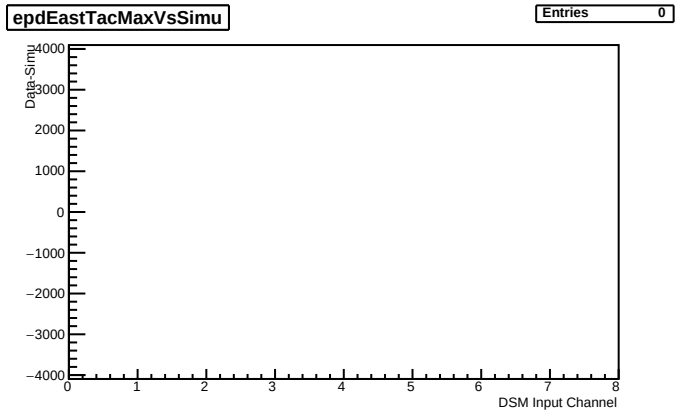
Entries 453937
Data
Simu


epdEastTacMax
Entries 4372144
TAC
DSM Input Channel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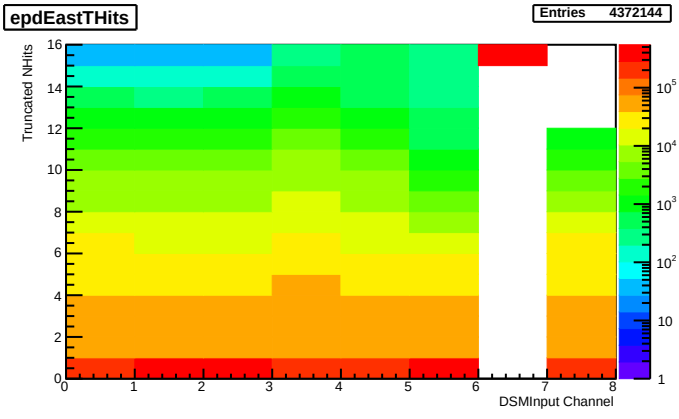
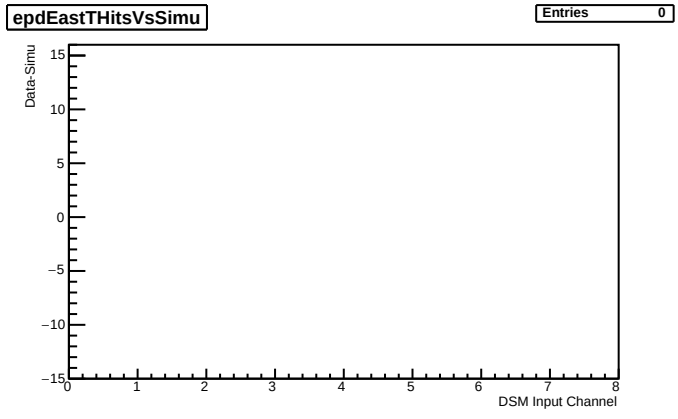
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4372144
Truncated NHits
DSMInput Channel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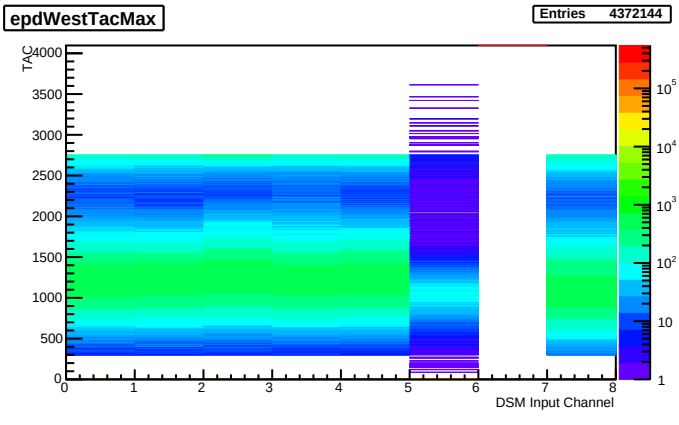
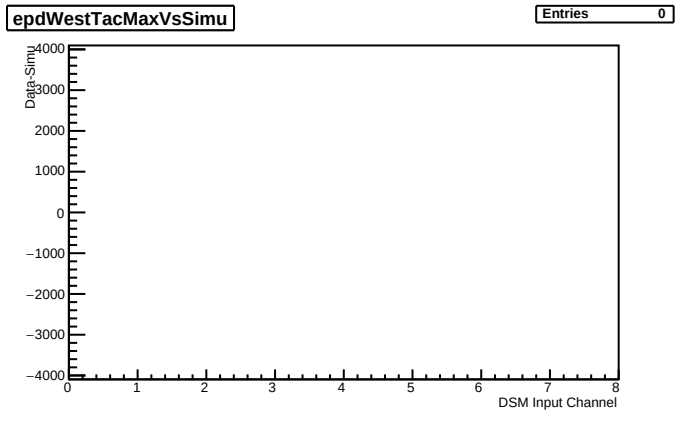
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4372144
TAC
DSM Input Channel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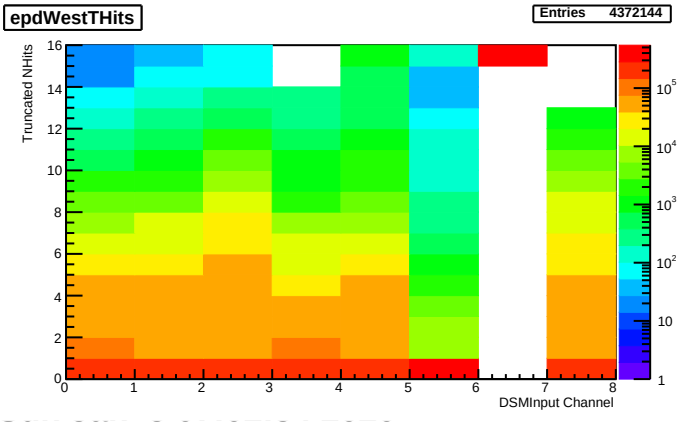
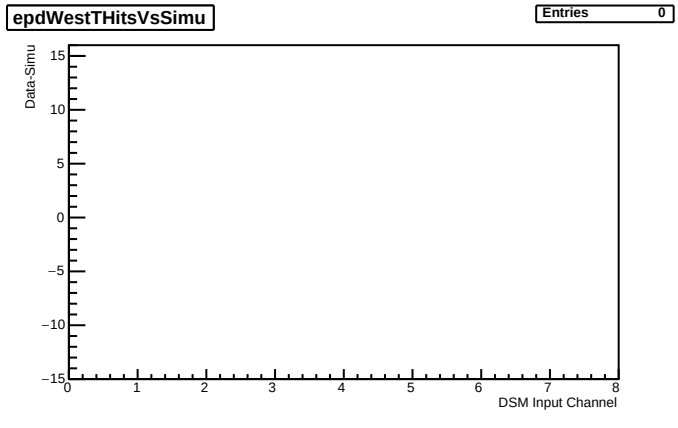
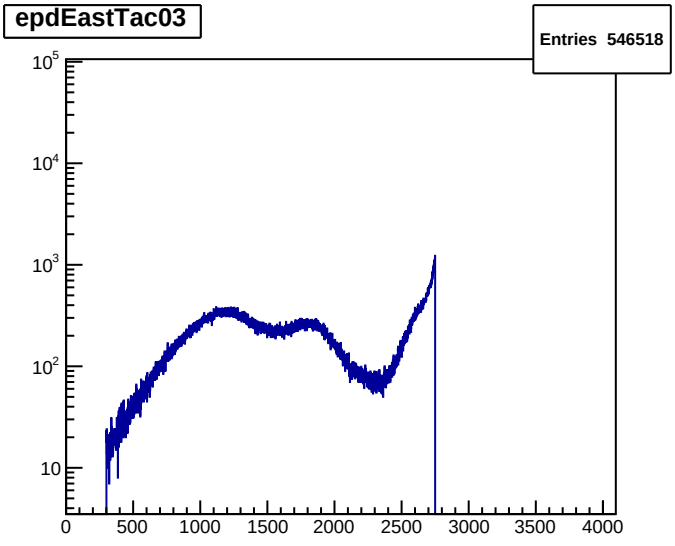
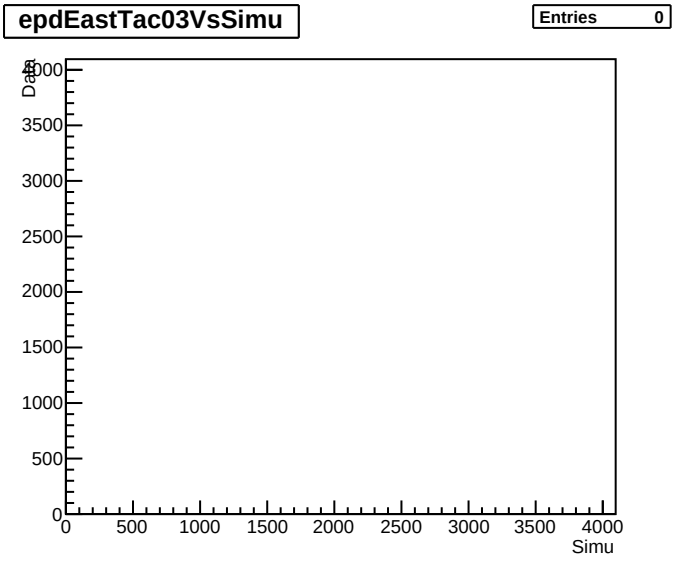
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4372144
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 546518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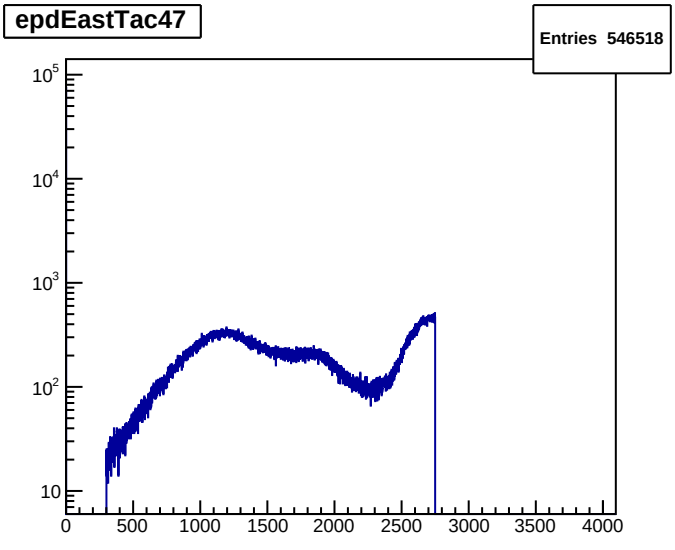
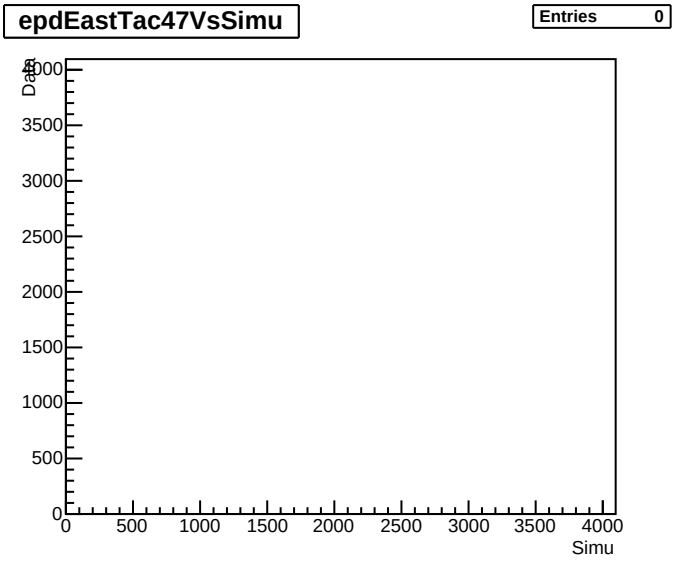
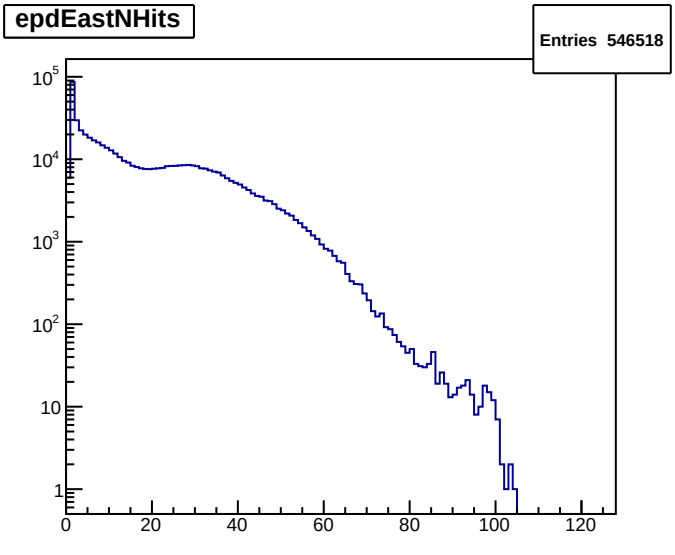
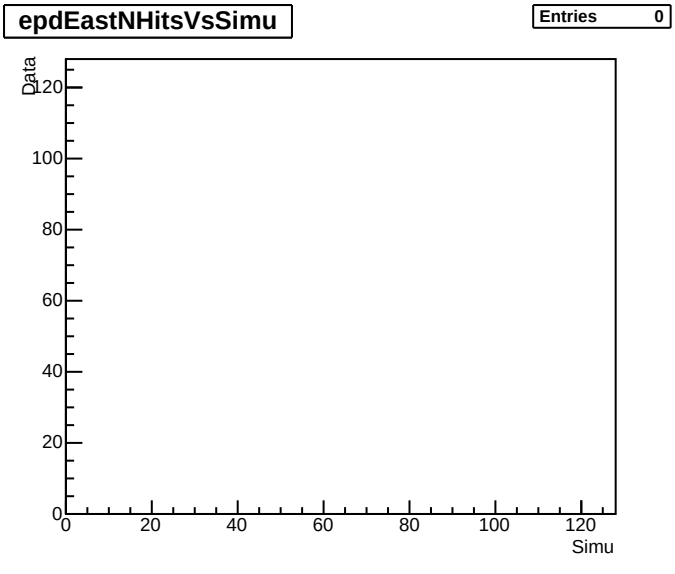
Entries 0
Data
Simu


epdEastTac47
Entries 546518


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 546518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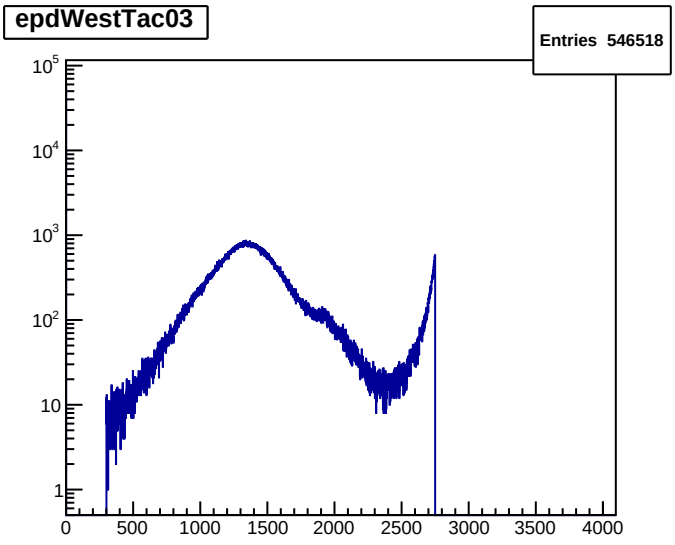
Entries 0
Data
Simu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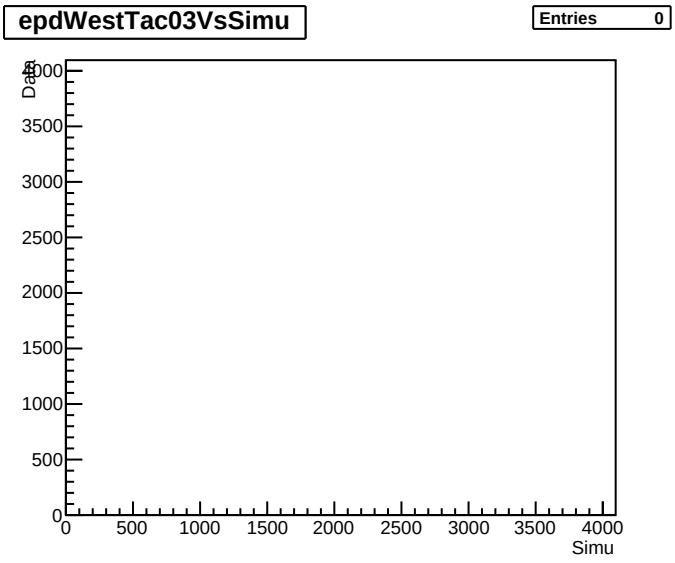
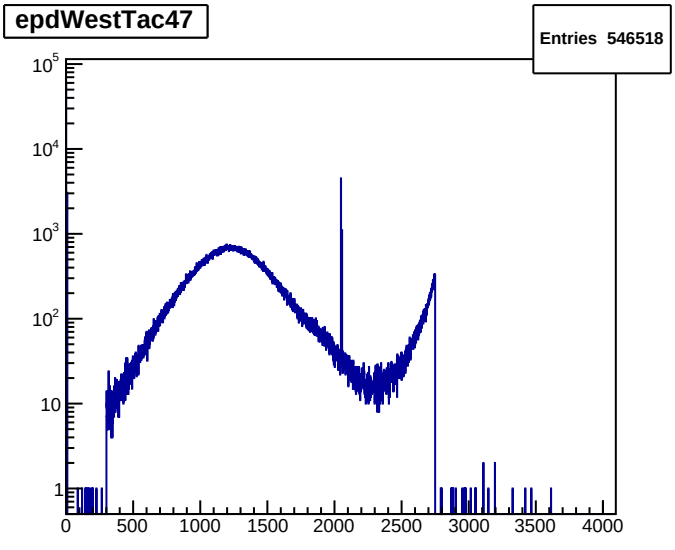
Entries 546518


epdWestTac03VsSimu
Entries 0
Data
Simu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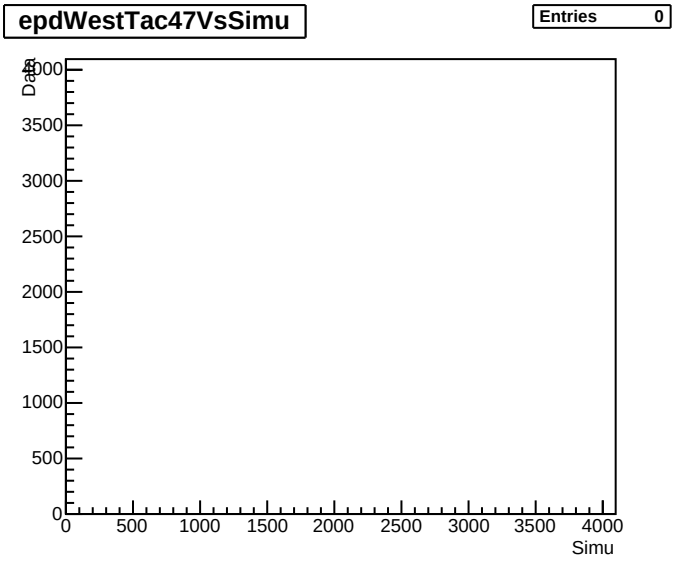
Entries 546518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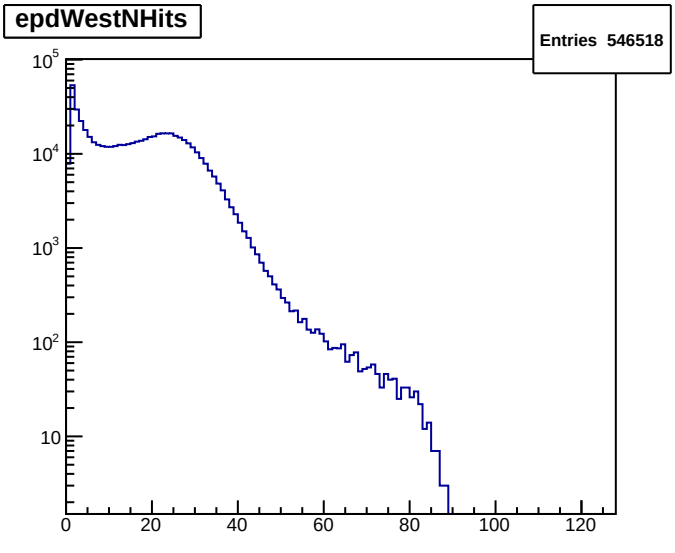
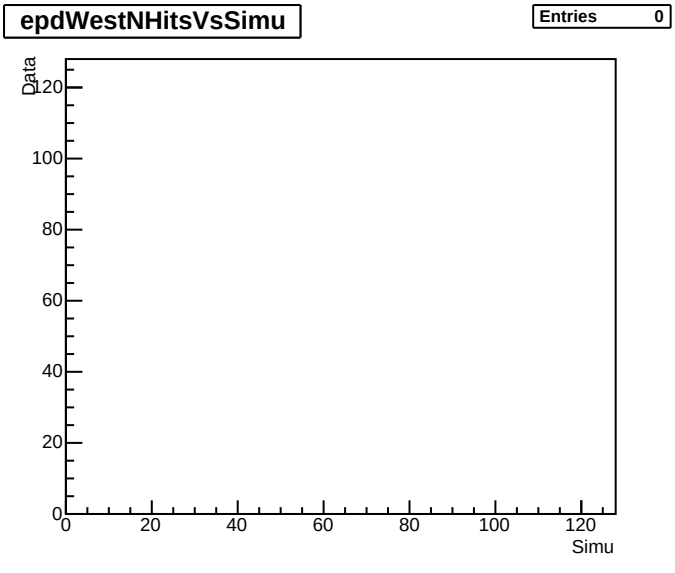
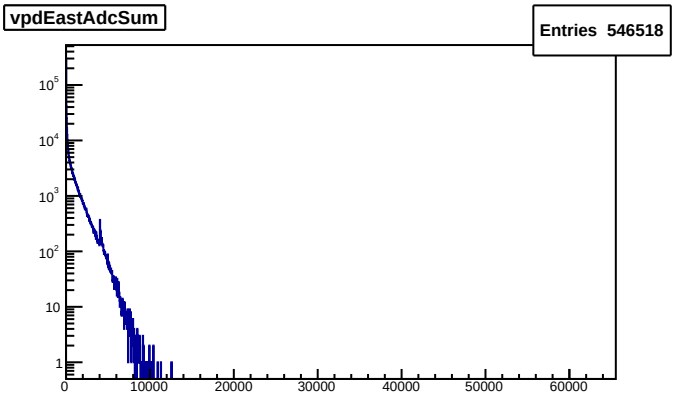
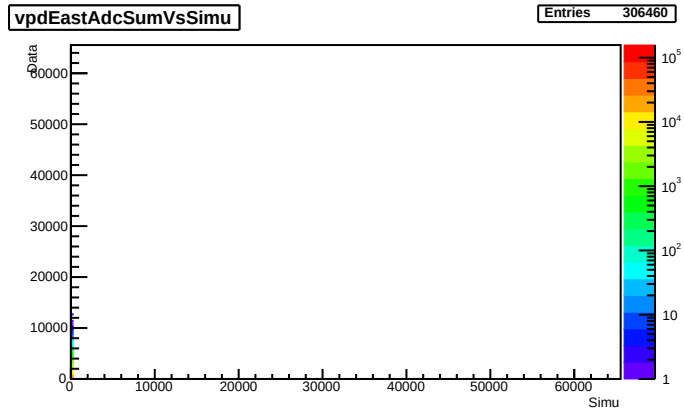
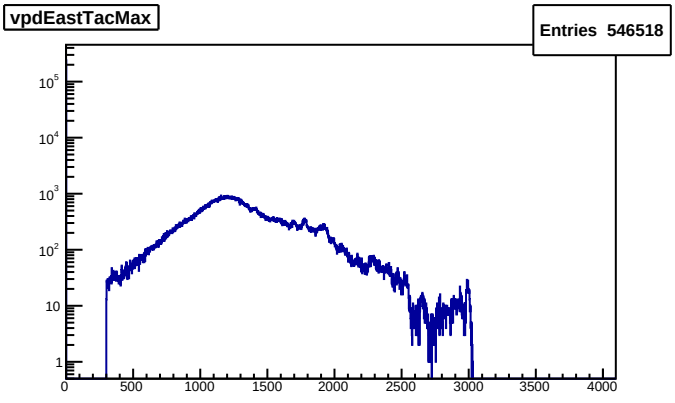
Data
Simu

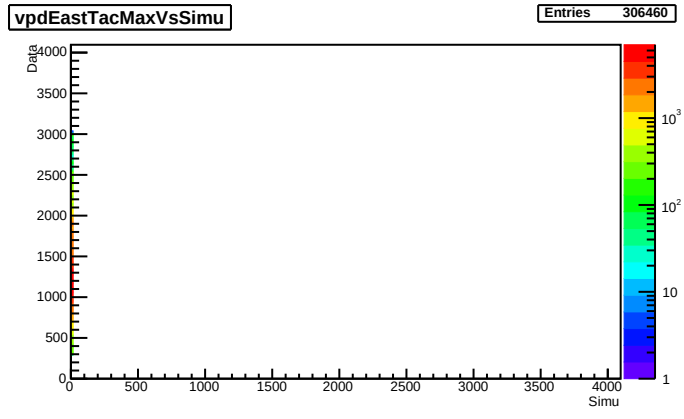

epdWestNHits
Entries 546518

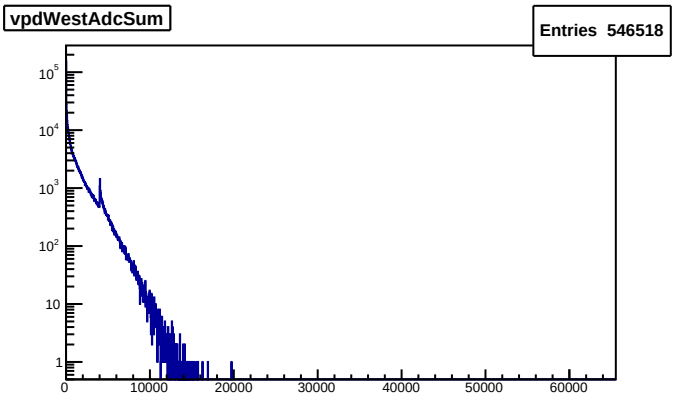

epdWestNHitsVsSimu
Entries 0
Data
Simu

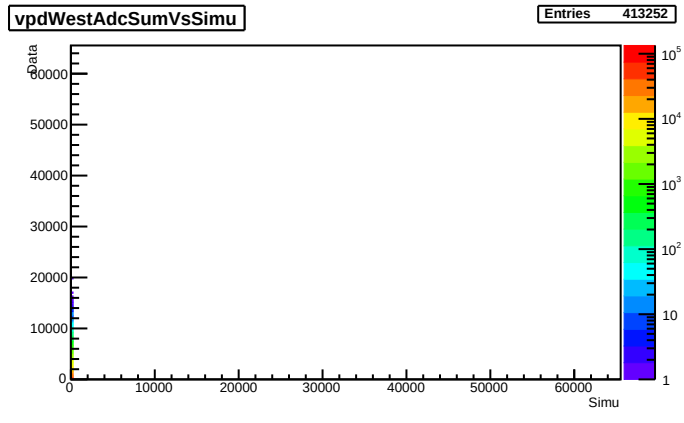

vpdEastAdcSum
Entries 546518

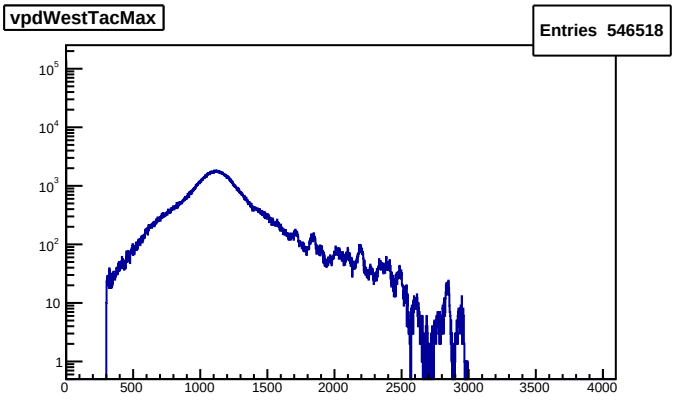

vpdEastAdcSumVsSimu
Entries 306460
Data
Simu

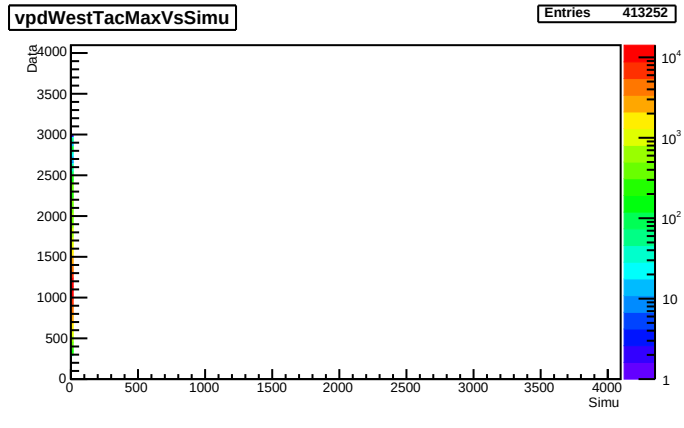

vpdEastTacMax
Entries 546518

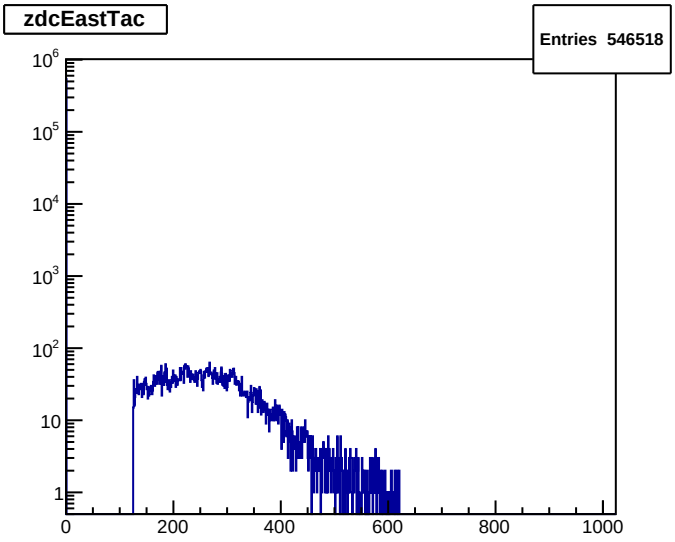

vpdEastTacMaxVsSimu
Entries 306460
Data
Simu

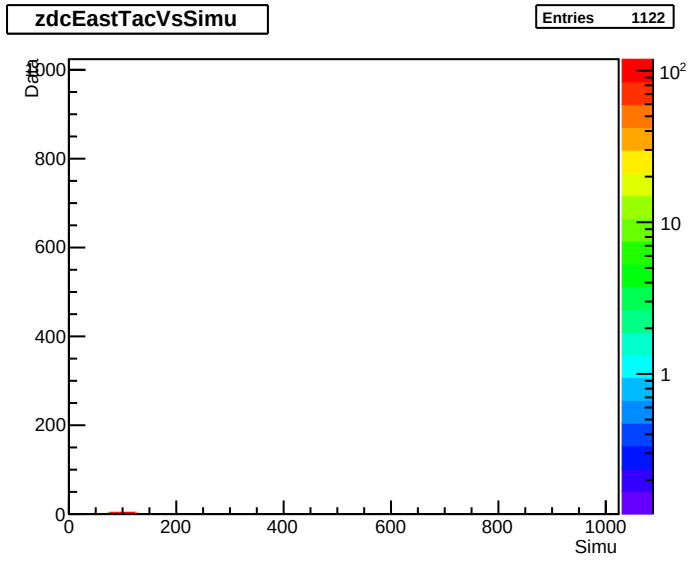

vpdWestAdcSum
Entries 546518

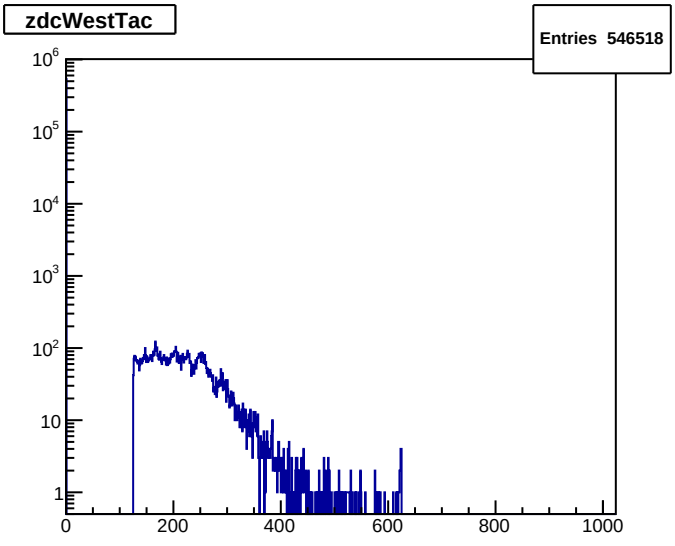

vpdWestAdcSumVsSimu
Entries 413252
Data
Simu

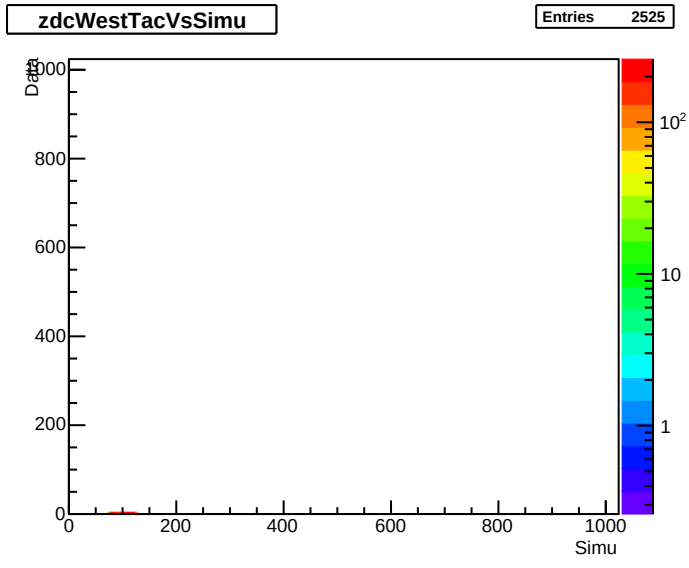

vpdWestTacMax
Entries 546518

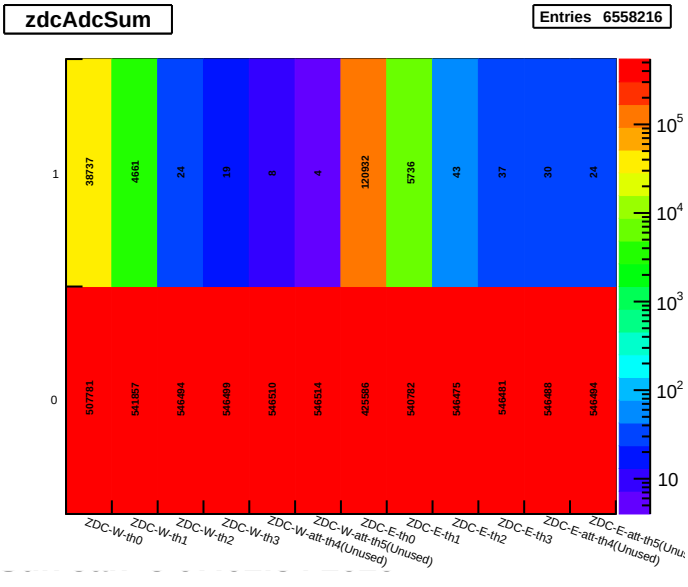

vpdWestTacMaxVsSimu
Entries 413252
Data
Simu

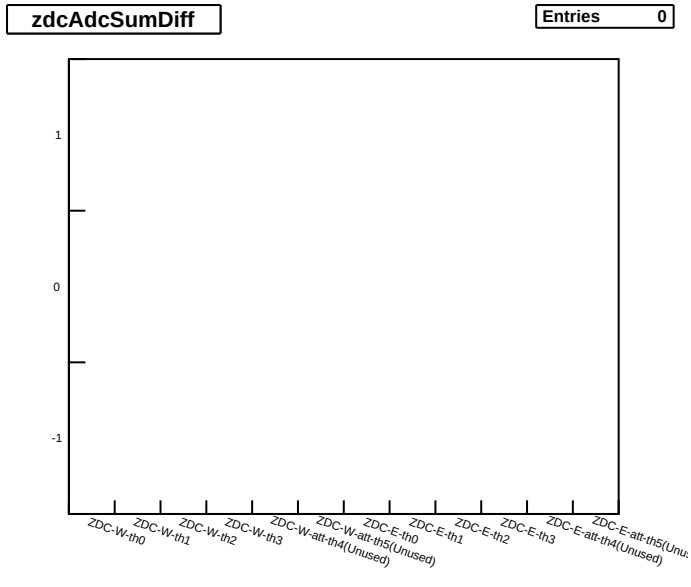

zdcEastTac
Entries 546518

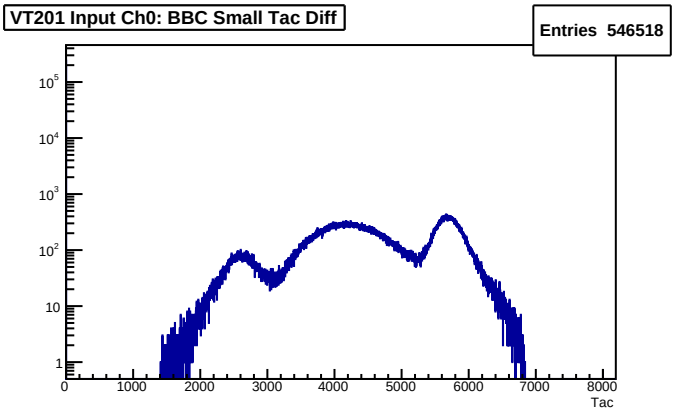

zdcEastTacVsSimu
Entries 1122
Data
Simu

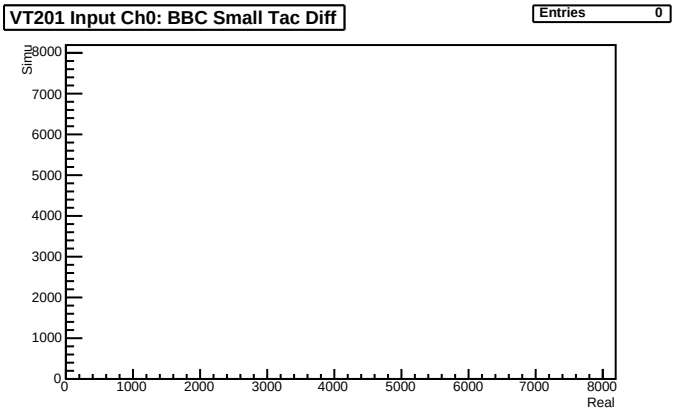

zdcWestTac
Entries 546518

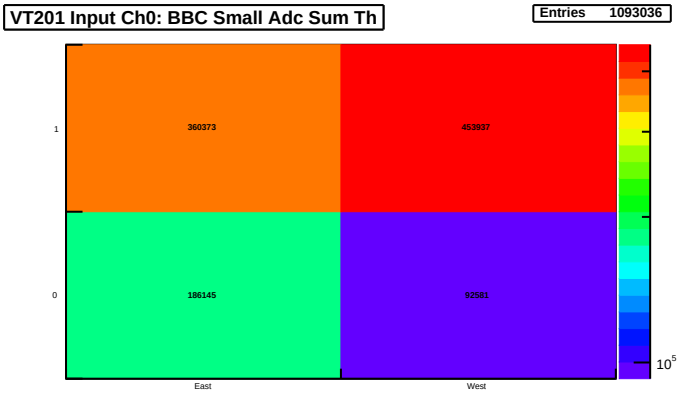

zdcWestTacVsSimu
Entries 2525
Data
Simu

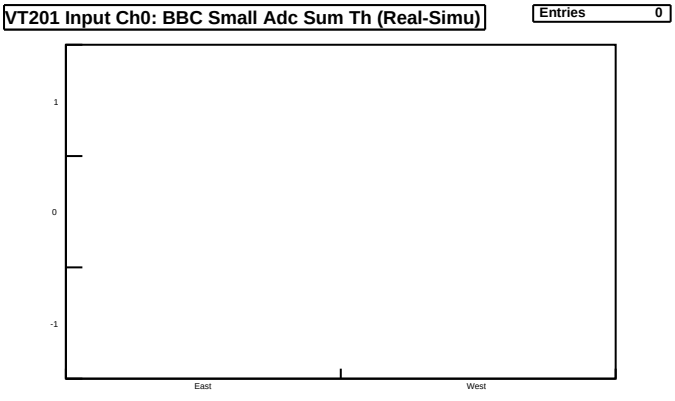

zdcAdcSum
Entries 6558216
38737
4661
24
19
8
4
120932
5736
43
37
30
24
507781
541857
546494
546499
546510
546514
425586
540782
546475
546481
546488
546494
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

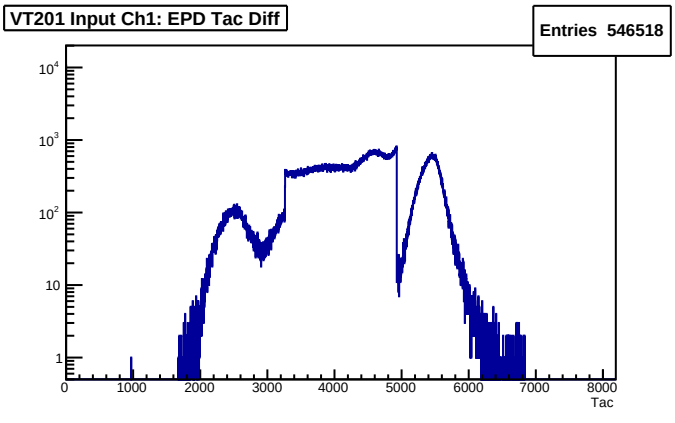

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

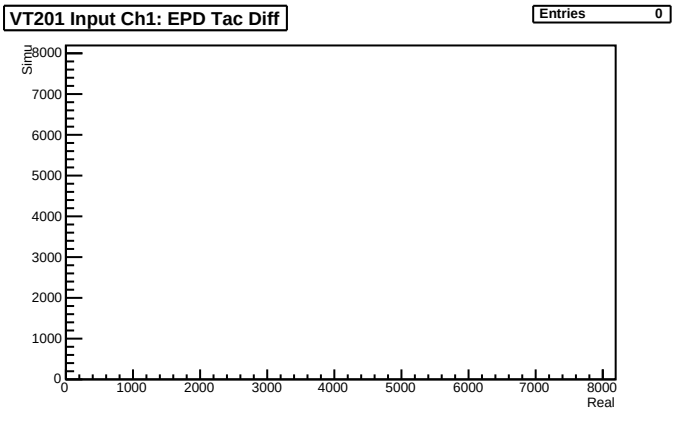

VT201 Input Ch0: BBC Small Tac Diff
Entries 546518
Tac

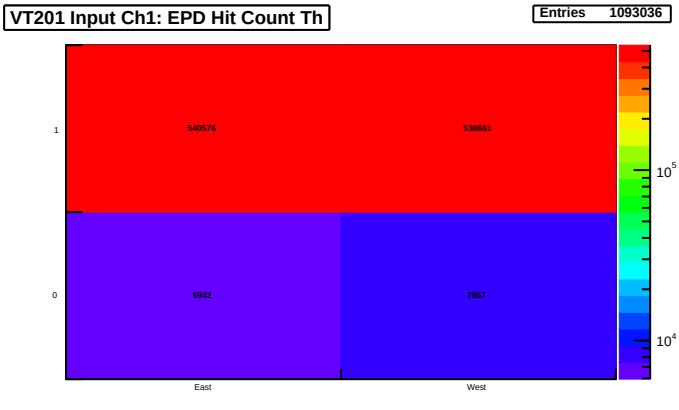

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

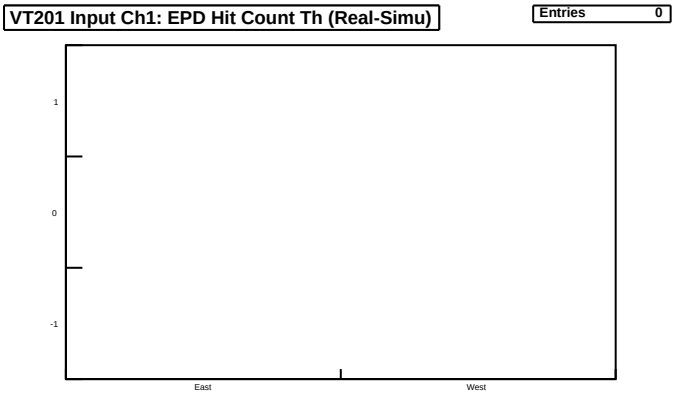

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1093036
360373
453937
186145
92581
East
West

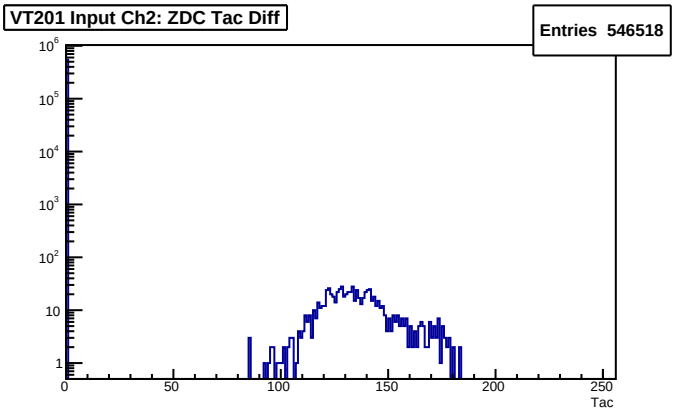

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

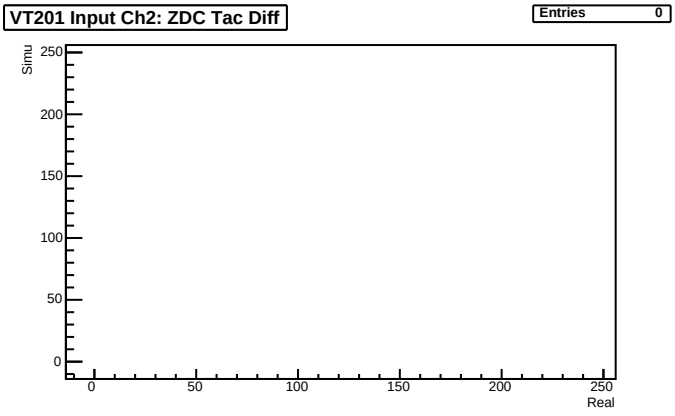

VT201 Input Ch1: EPD Tac Diff
Entries 546518
Tac

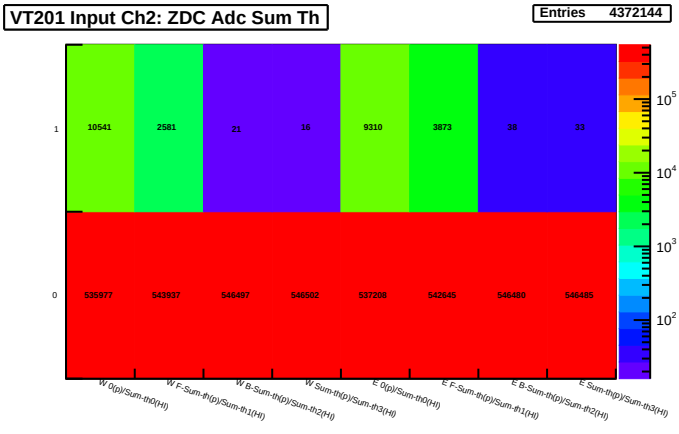

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

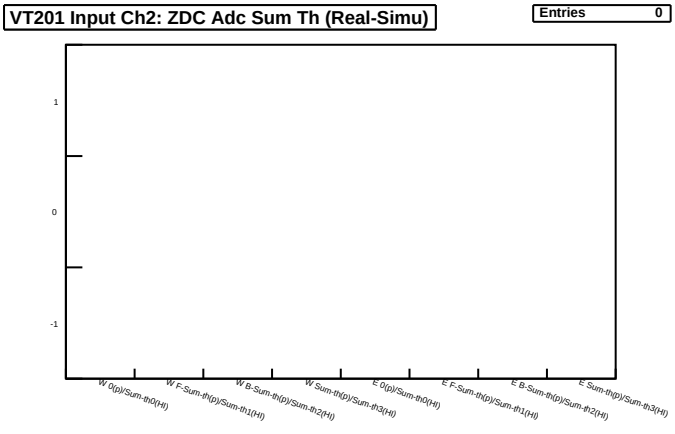

VT201 Input Ch1: EPD Hit Count Th
Entries 1093036
540576
538661
5942
7857
East
West

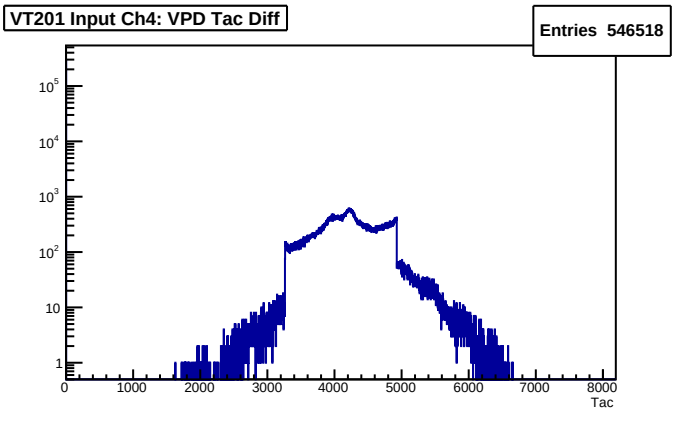

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

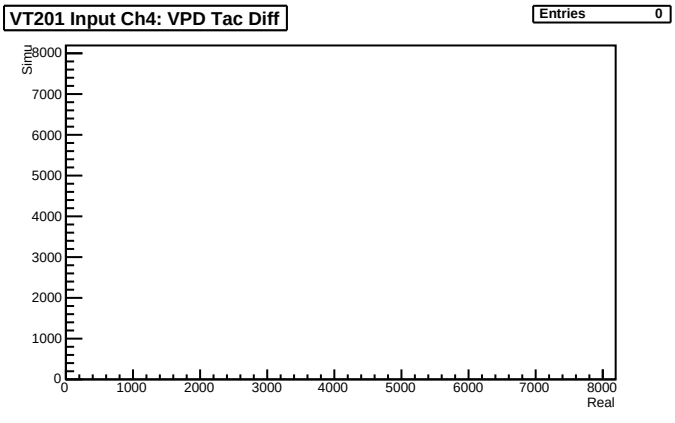

VT201 Input Ch2: ZDC Tac Diff
Entries 546518
Tac

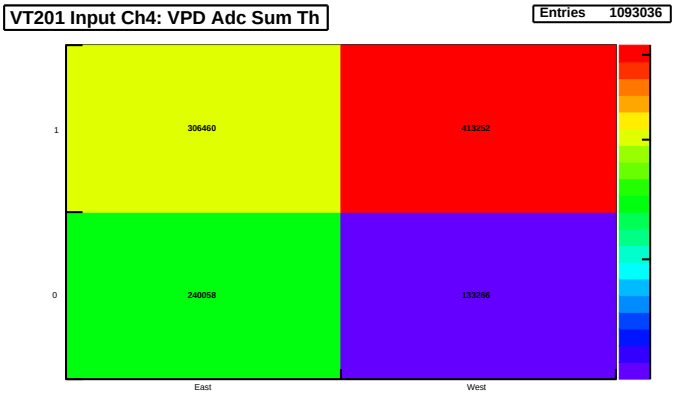

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

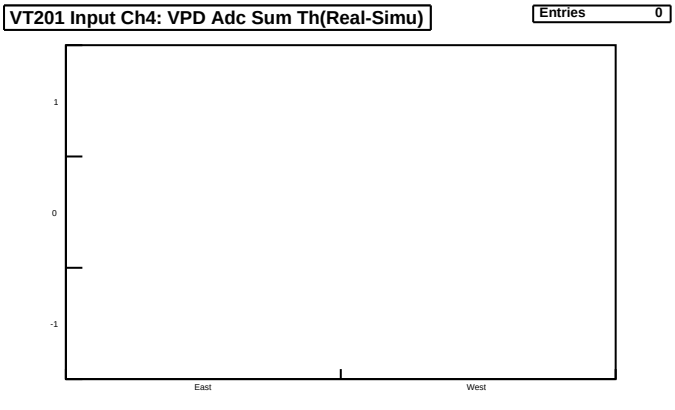

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4372144
10541
2581
21
16
9310
3873
38
33
535977
543937
546497
546502
537208
542645
546480
546485
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

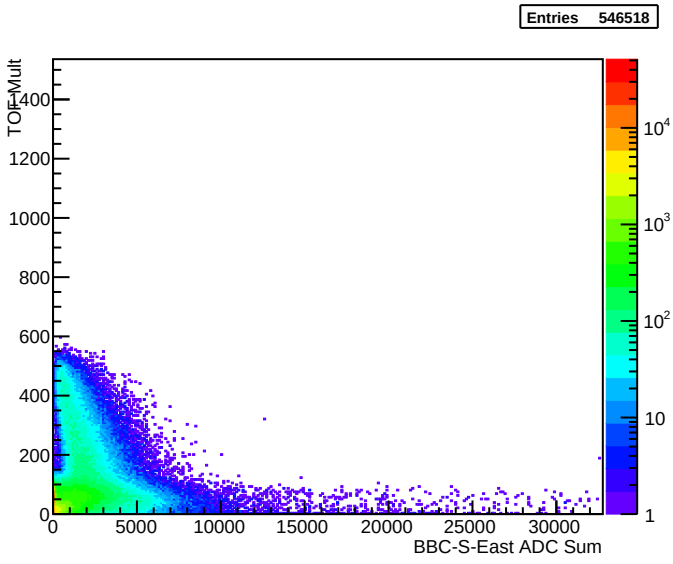

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

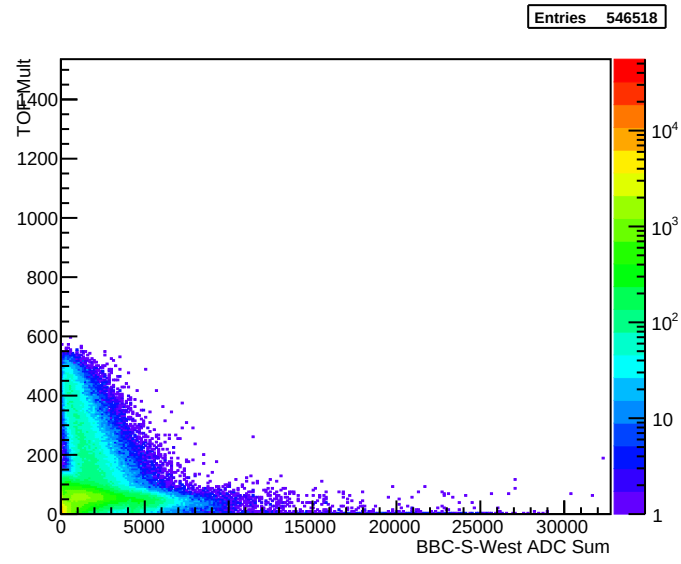

VT201 Input Ch4: VPD Tac Diff
Entries 546518
Tac

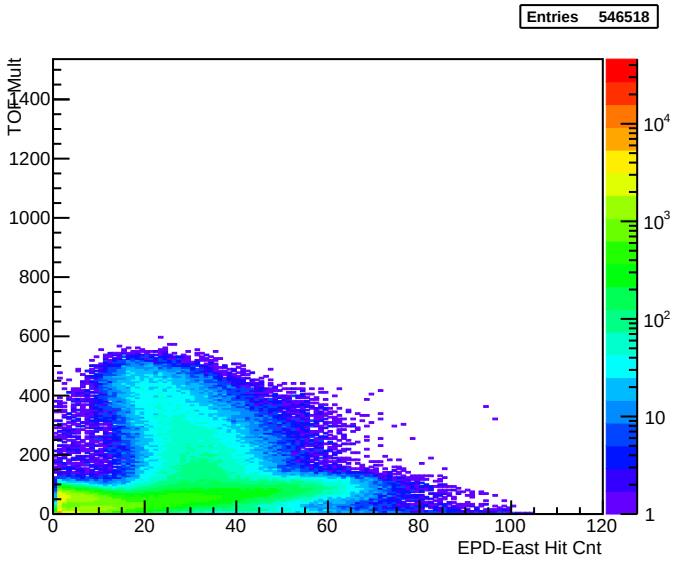

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

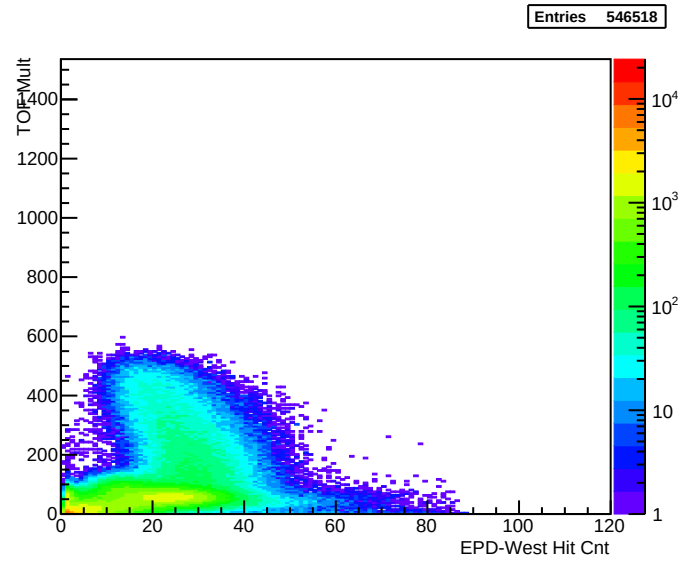

VT201 Input Ch4: VPD Adc Sum Th
Entries 1093036
306460
413252
240058
133266
East
West

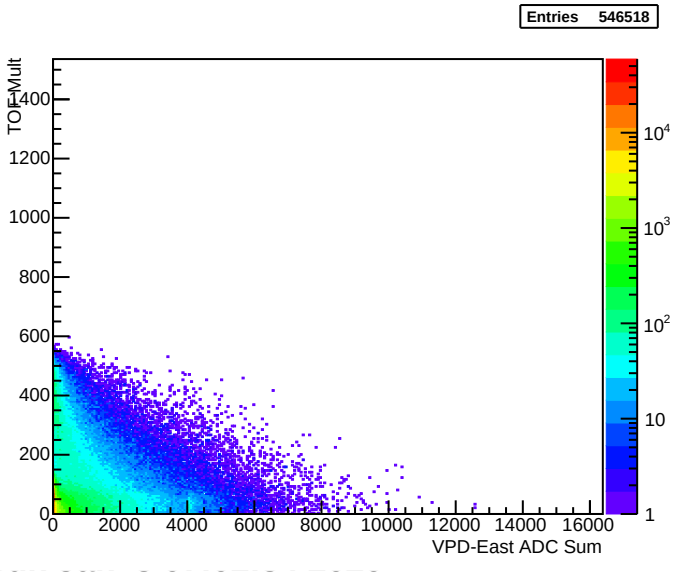

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

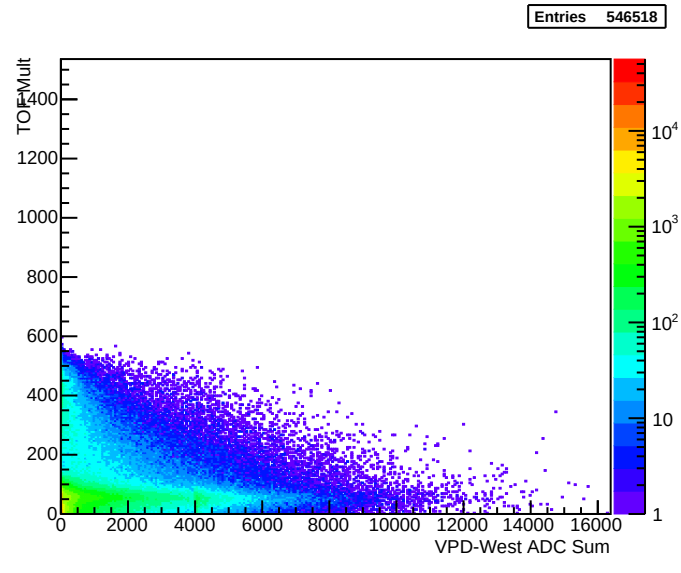

Entries 546518
TOF-Mult
BBC-S-East ADC Sum

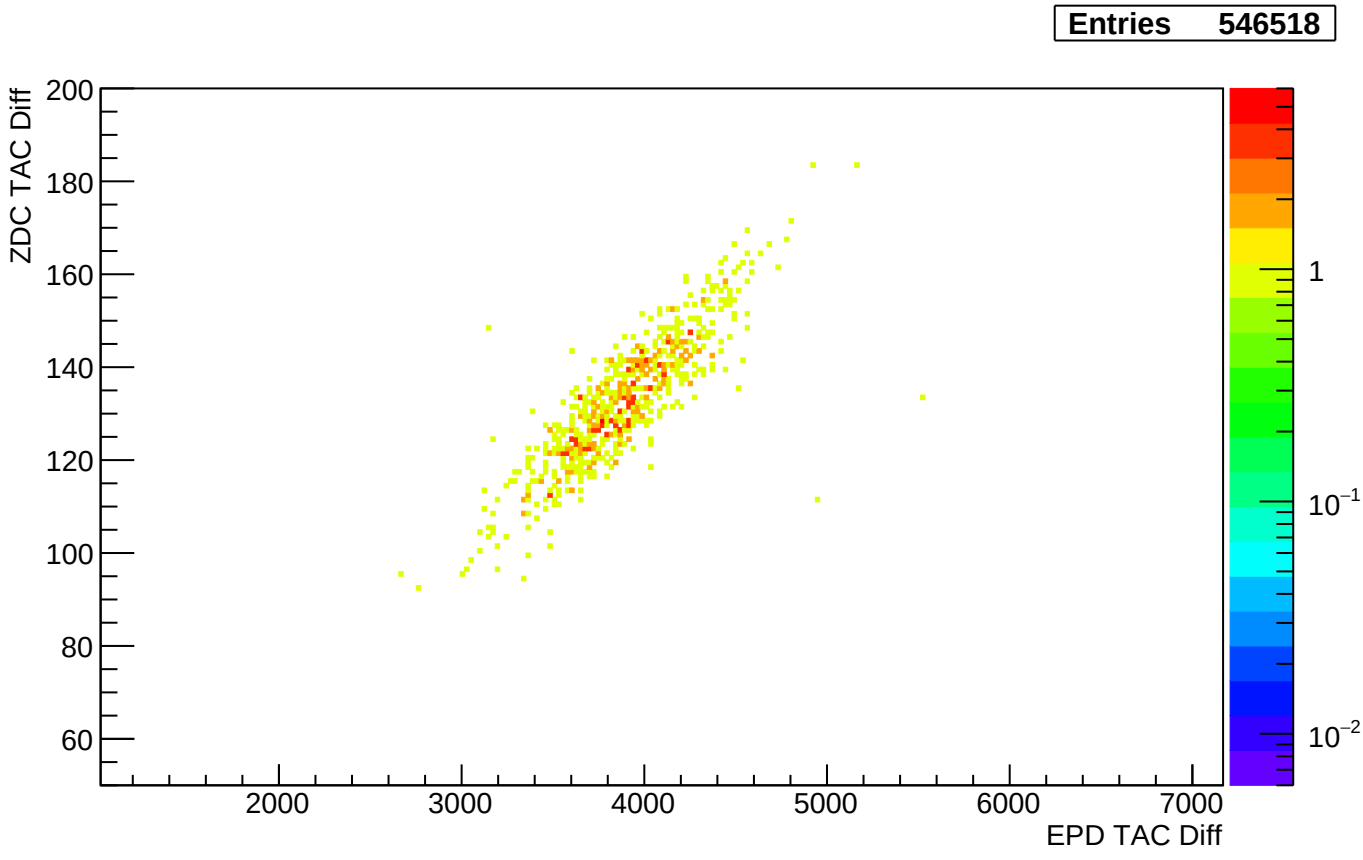

Entries 546518
TOF-Mult
BBC-S-West ADC Sum

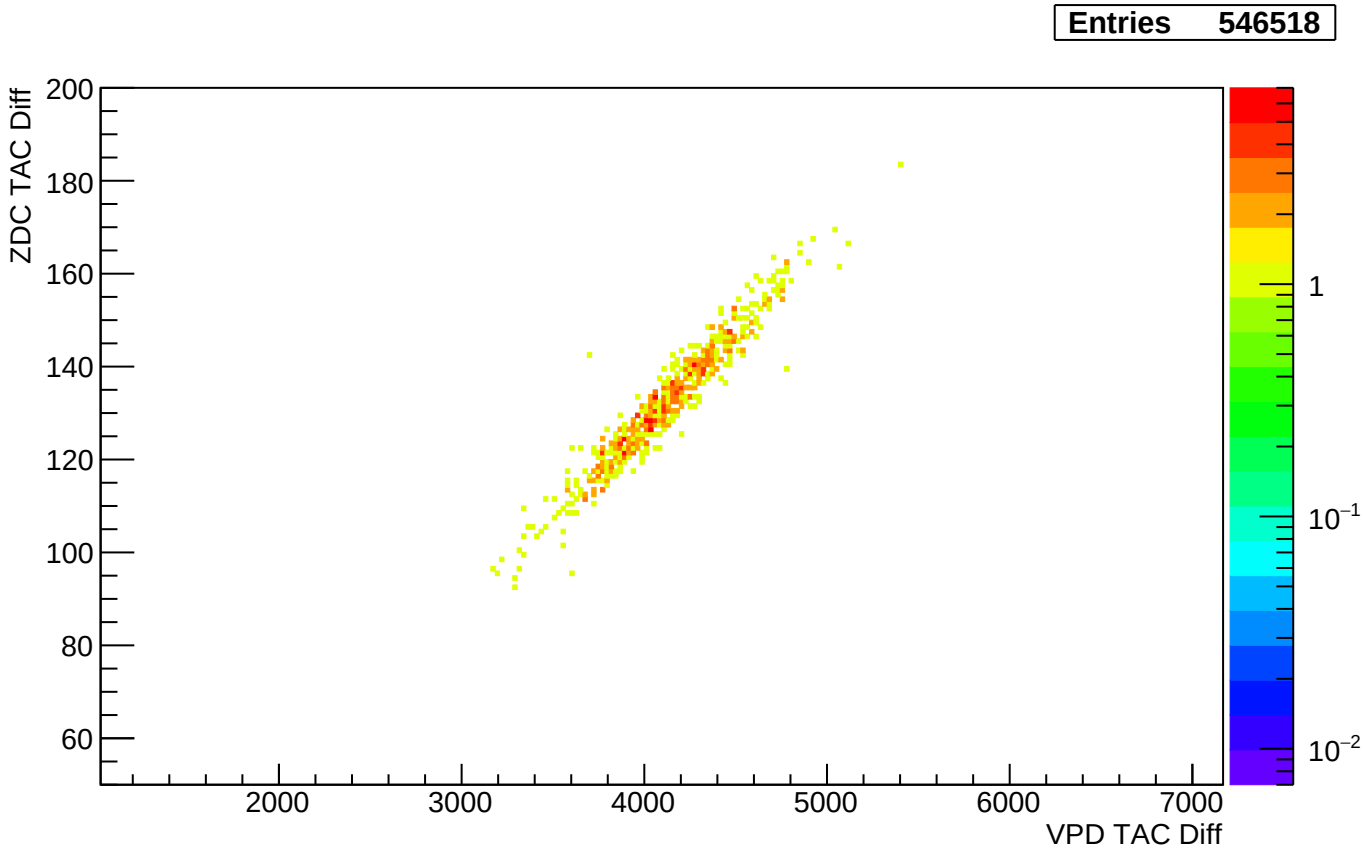

Entries 546518
TOF-Mult
EPD-East Hit Cnt

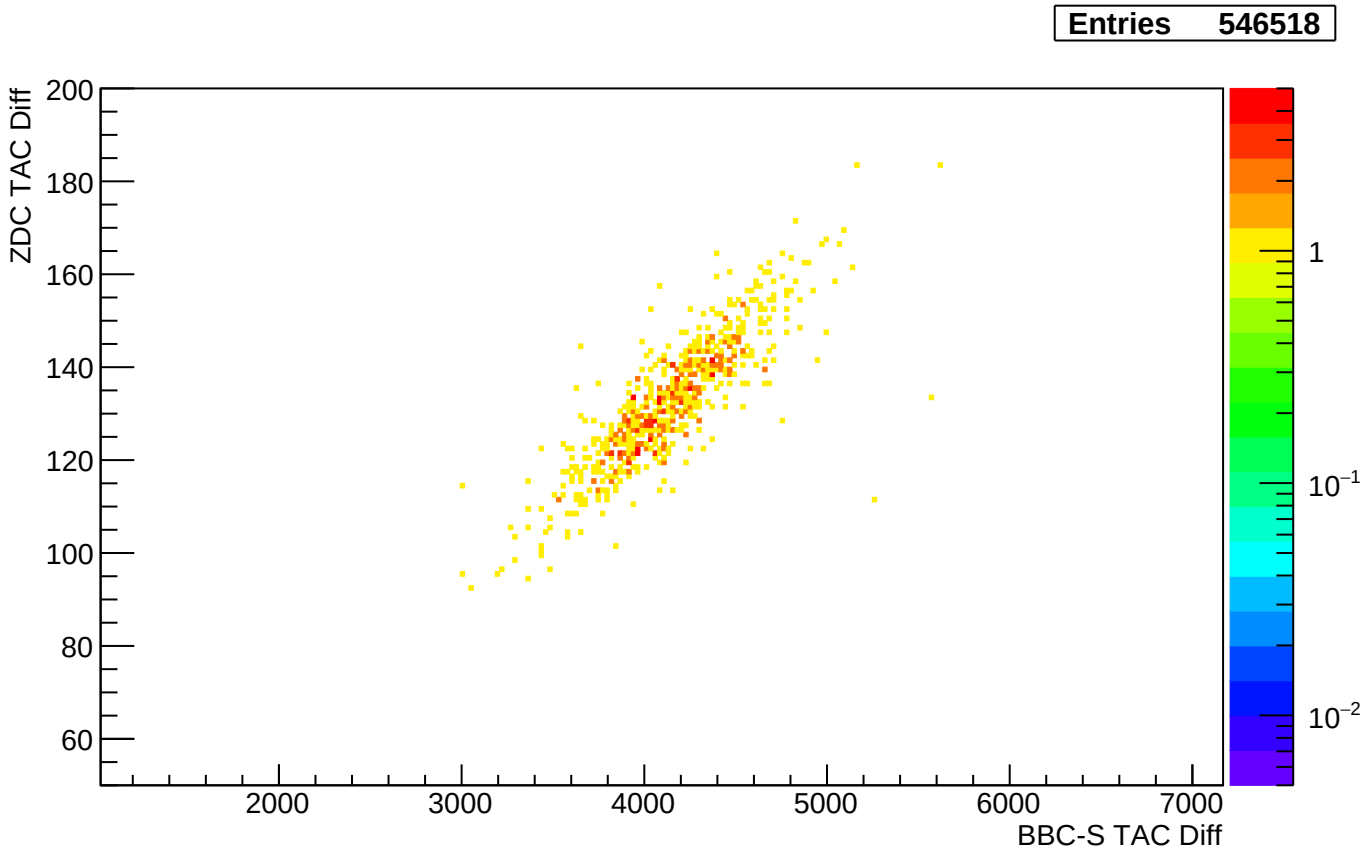

Entries 546518
TOF-Mult
EPD-West Hit Cnt

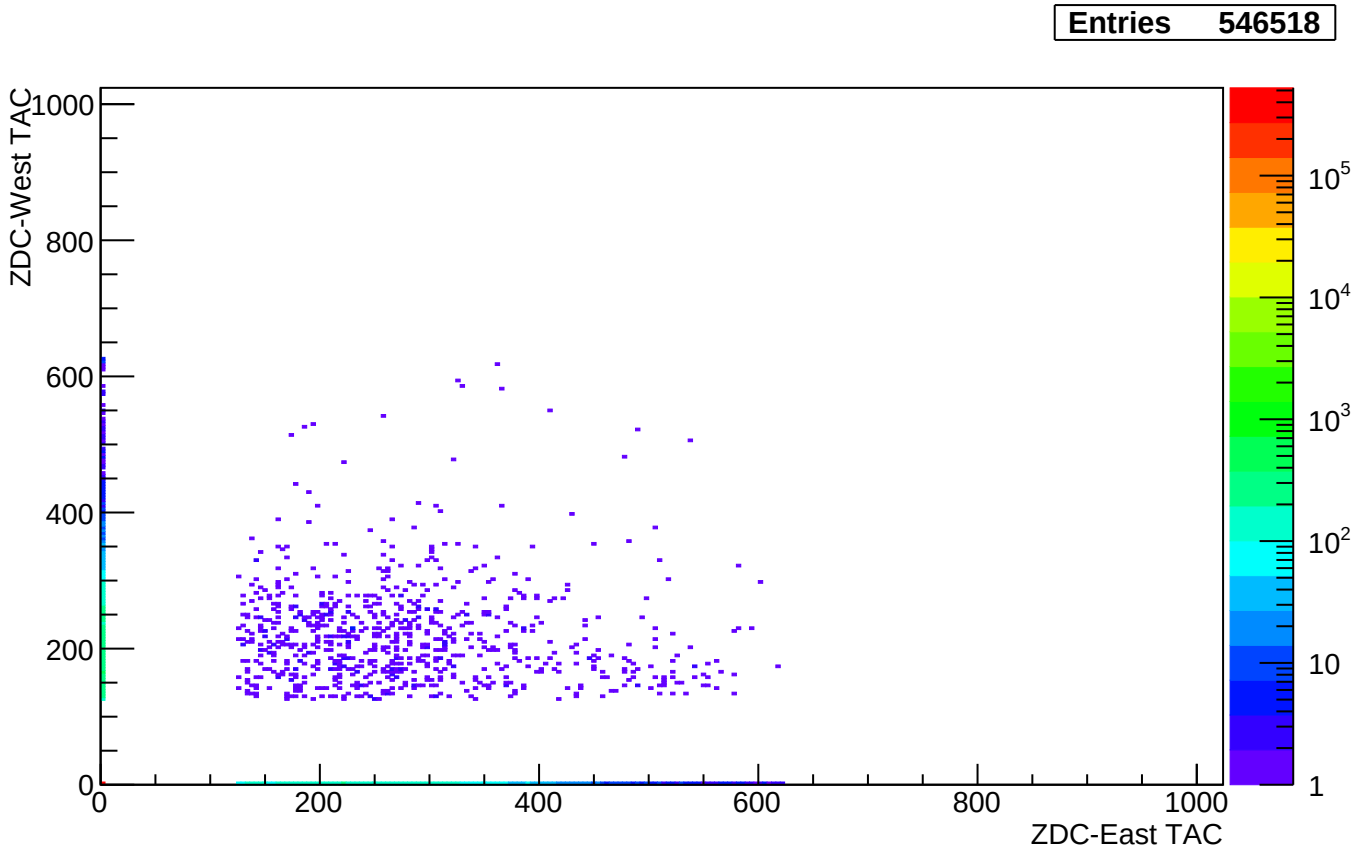

Entries 546518
TOF-Mult
VPD-East ADC Sum

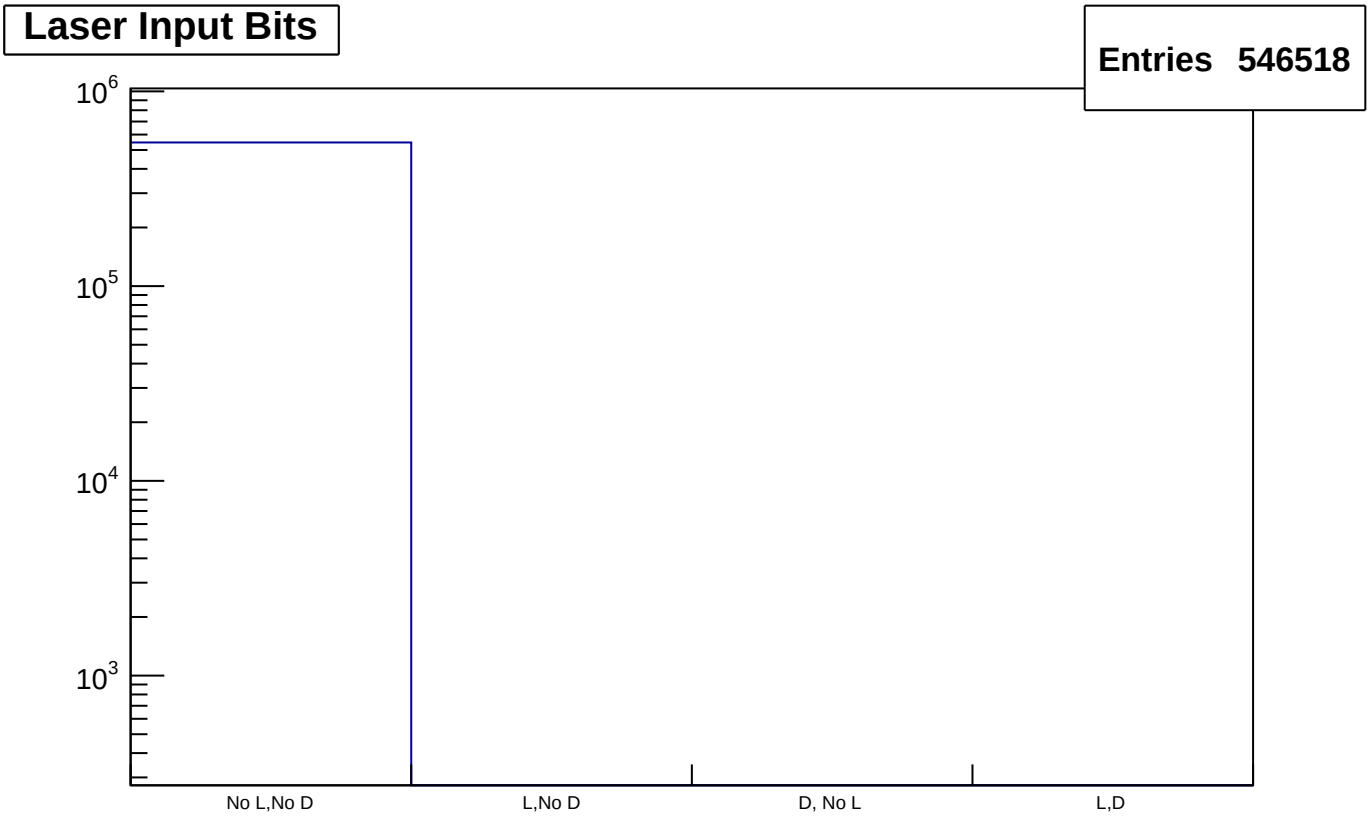

Entries 546518
TOF-Mult
VPD-West ADC Sum

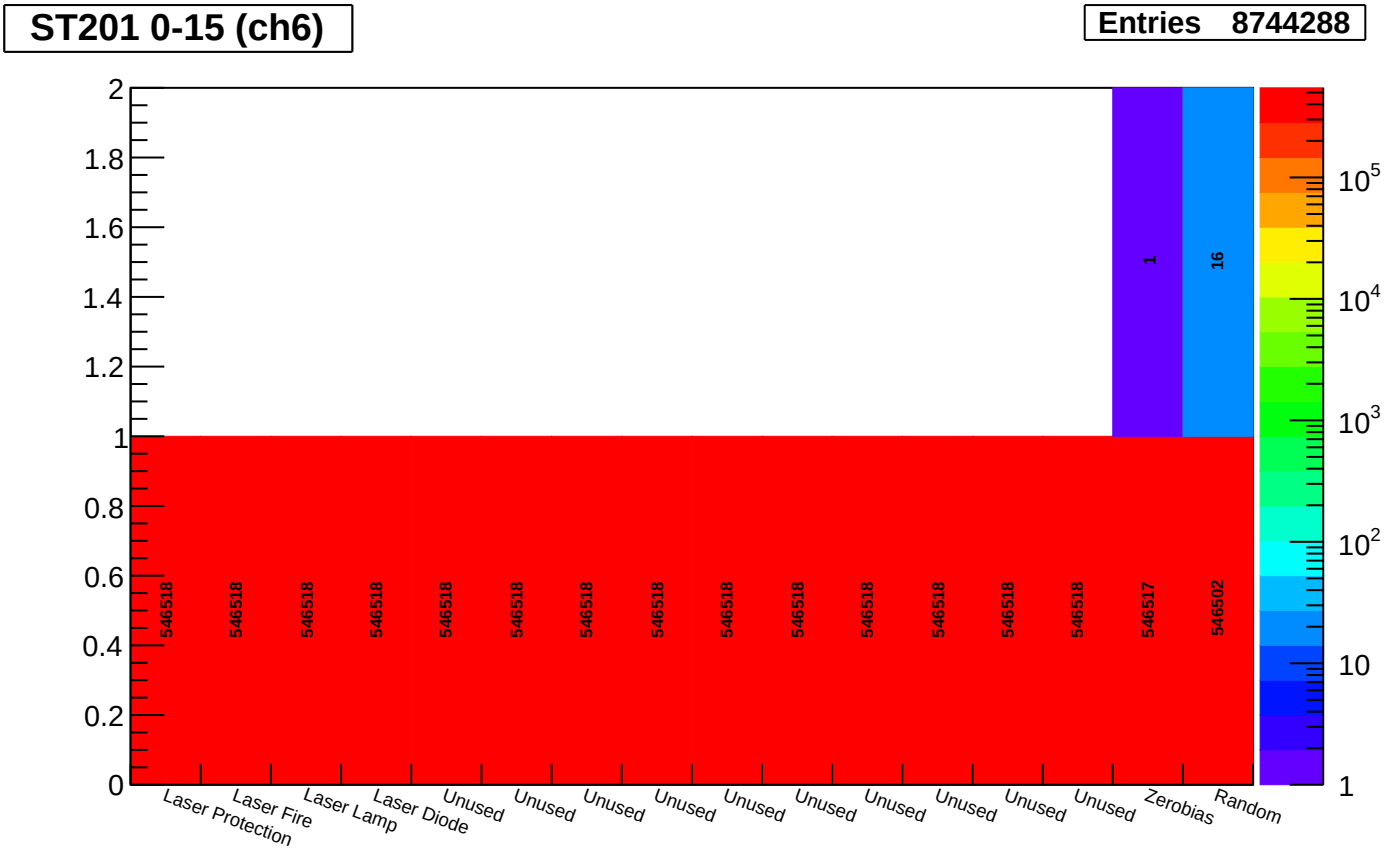

Entries 546518
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

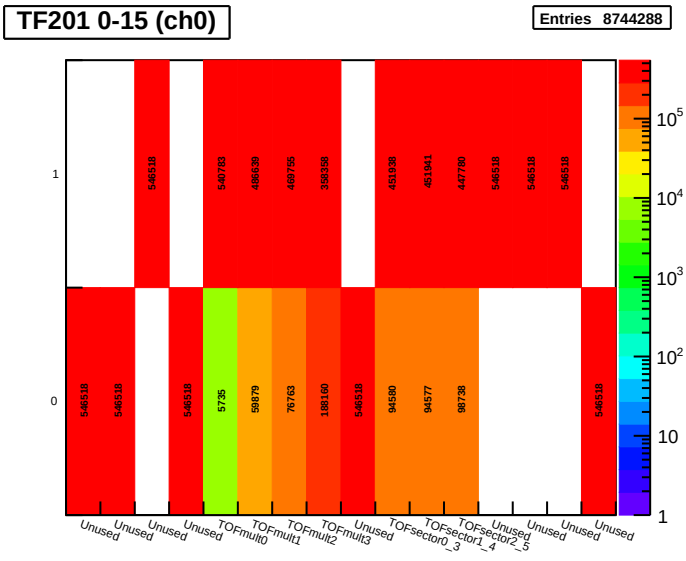

Entries 546518
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

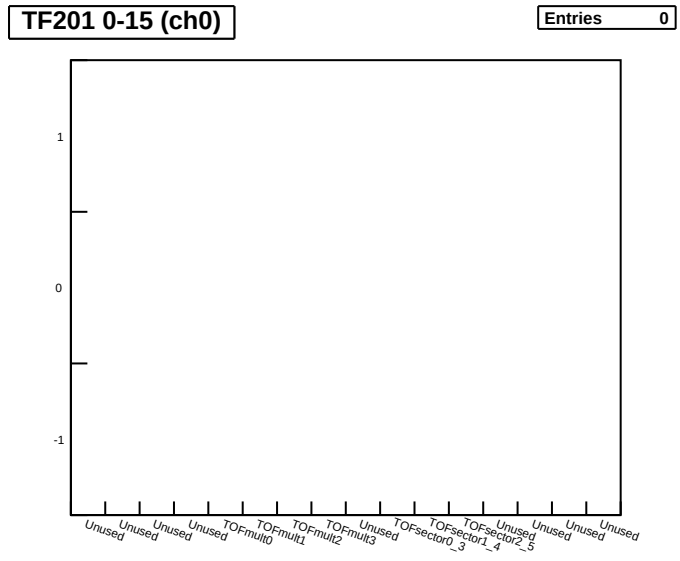

Entries 546518
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

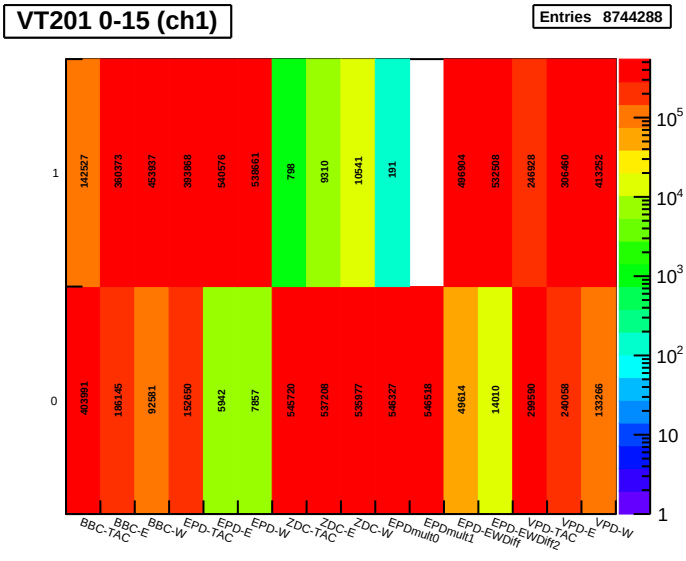

Entries 546518
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

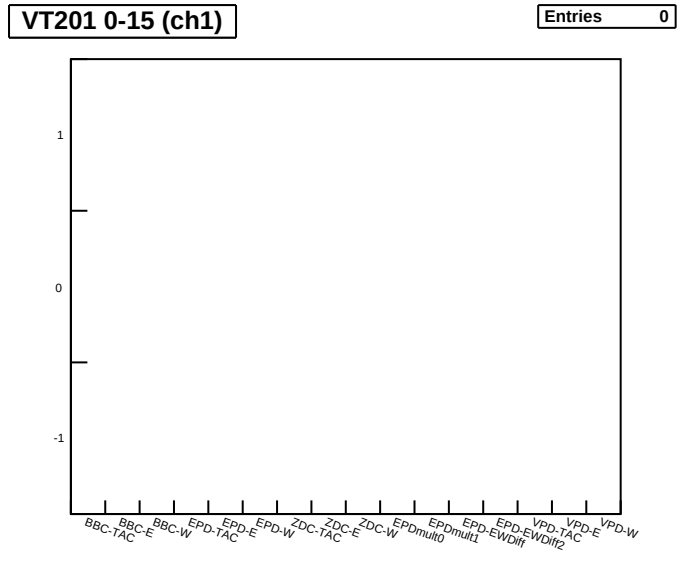

Laser Input Bits
Entries 546518
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

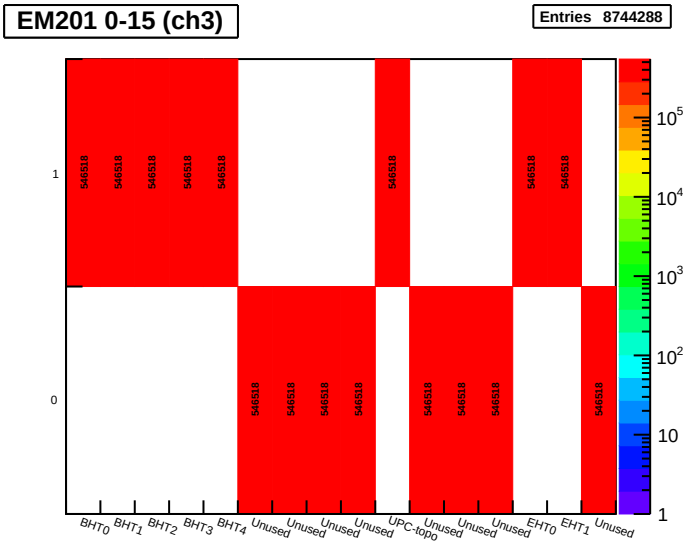

ST201 0-15 (ch6)
Entries 8744288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546517
546502
1
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

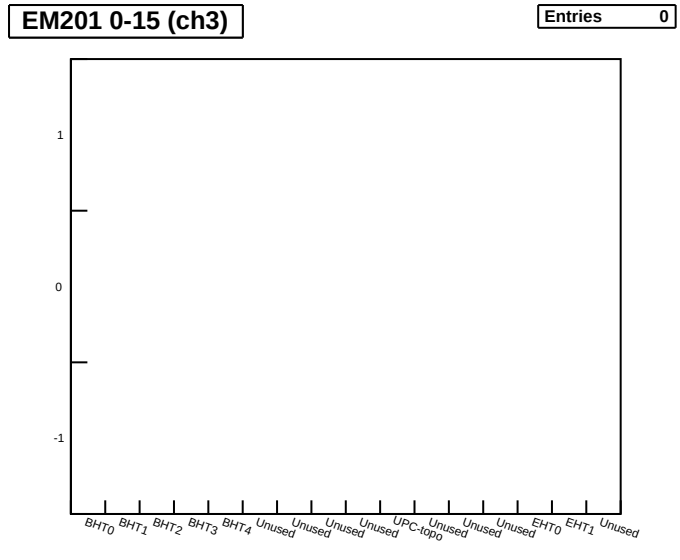

TF201 0-15 (ch0)
Entries 8744288
1
0
546518
540783
486639
469755
358358
451938
451941
447760
546518
546518
546518
546518
546518
546518
5735
59879
76763
188160
546518
94580
94577
98738
546518
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 8744288
1
0
142527
360373
453937
393868
540576
538661
798
9310
10541
191
496904
532508
246928
306460
413252
403991
108145
92581
152650
5942
7857
546720
537208
535977
546327
546518
49614
14010
299590
240058
133266
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 8744288
1
0
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
546518
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