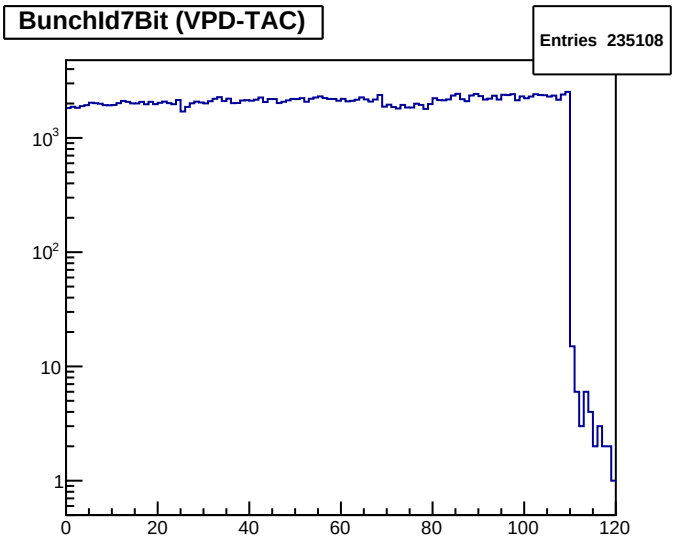
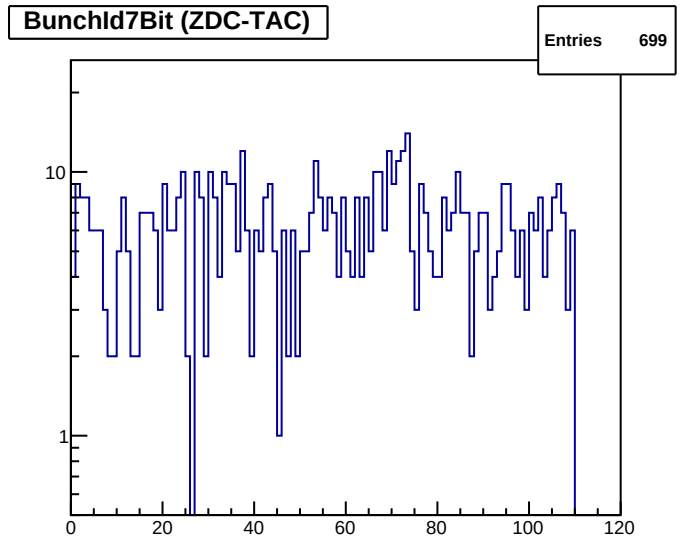
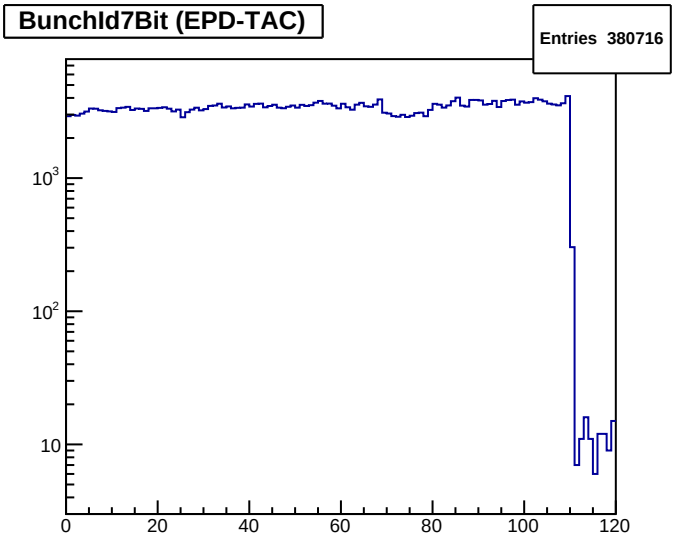
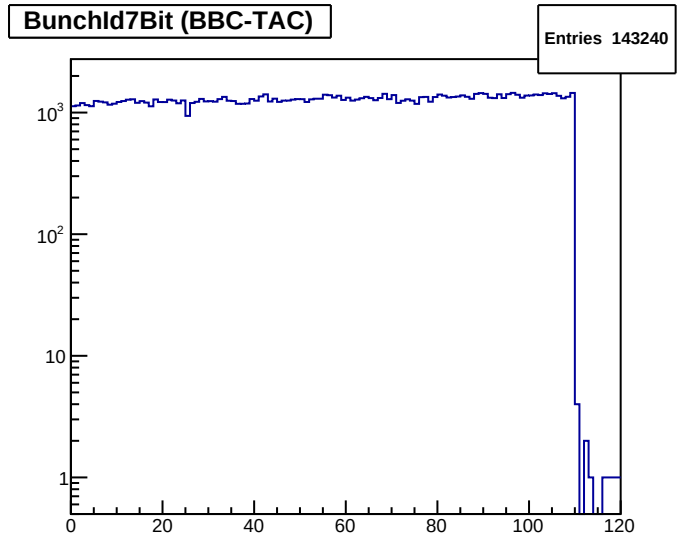
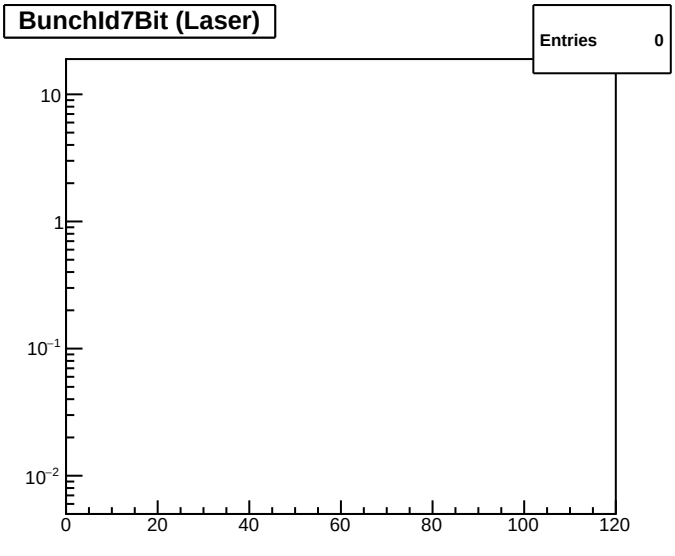
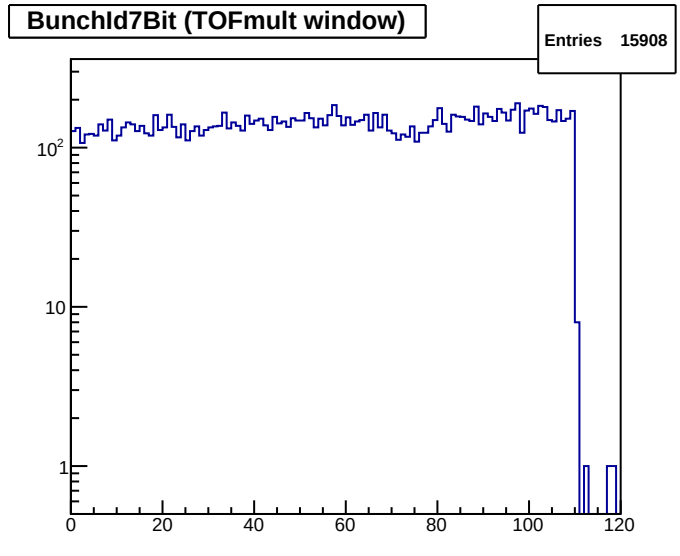

BunchId7Bit (VPD-TAC)
Entries 235108

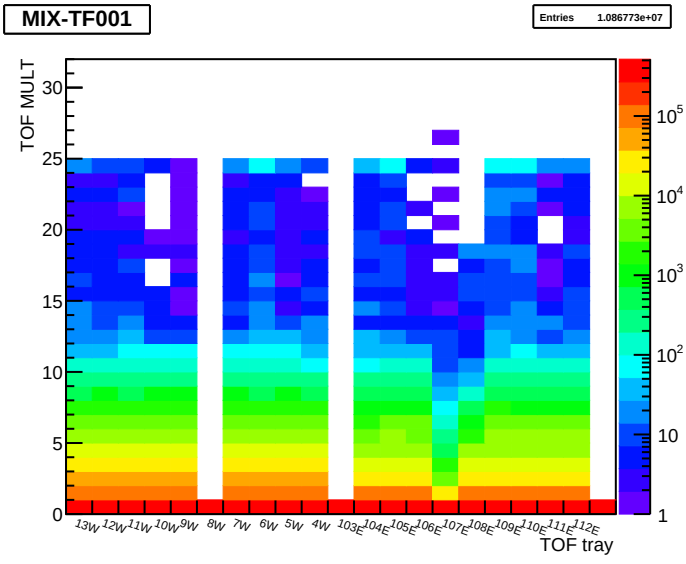

BunchId7Bit (ZDC-TAC)
Entries 699

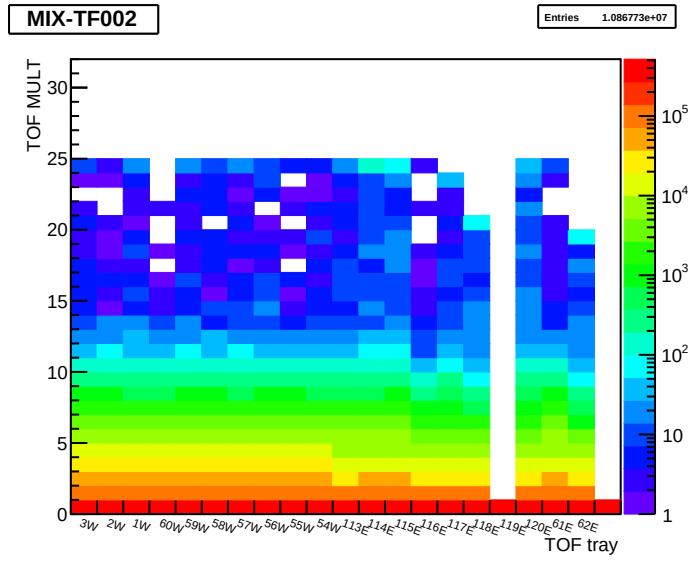

BunchId7Bit (EPD-TAC)
Entries 380716

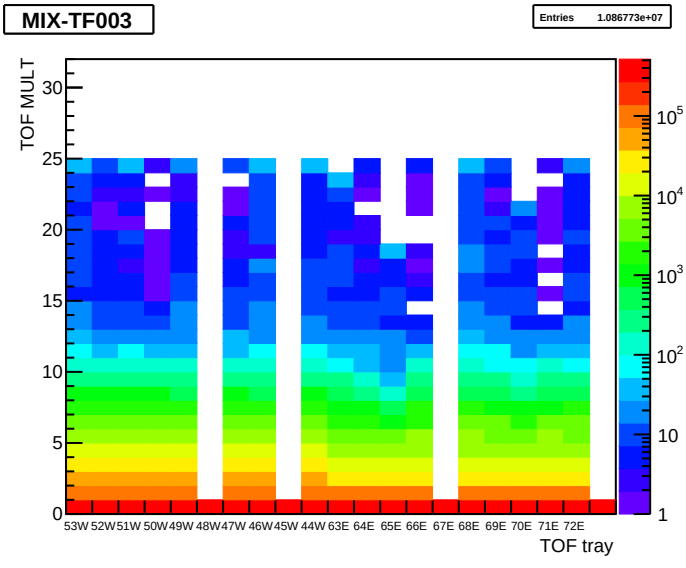

BunchId7Bit (BBC-TAC)
Entries 143240

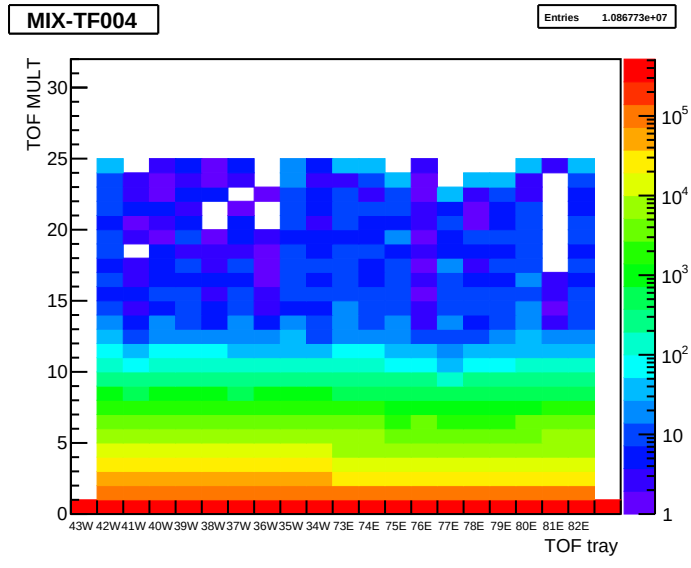

BunchId7Bit (Laser)
Entries 0

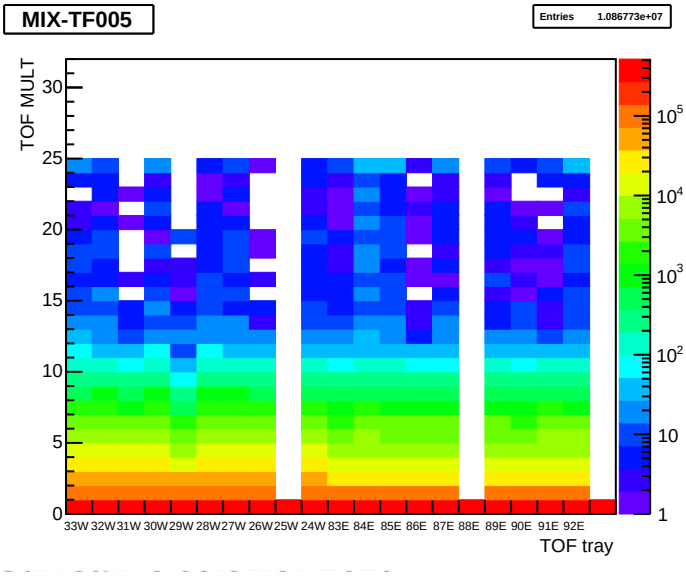

BunchId7Bit (TOFmult window)
Entries 15908

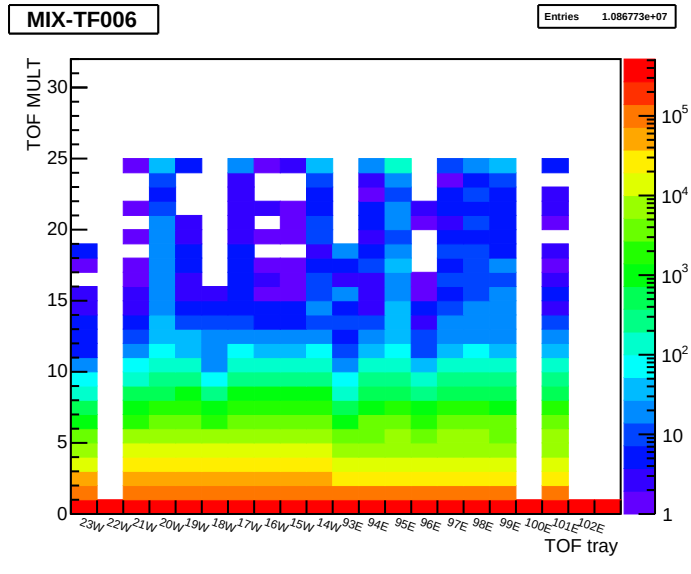

MIX-TF001
Entries 1.086773e+07
TOF MULT
TOF tray

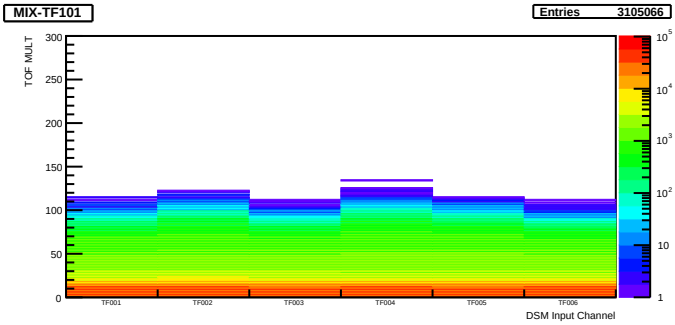

MIX-TF002
Entries 1.086773e+07
TOF MULT
TOF tray

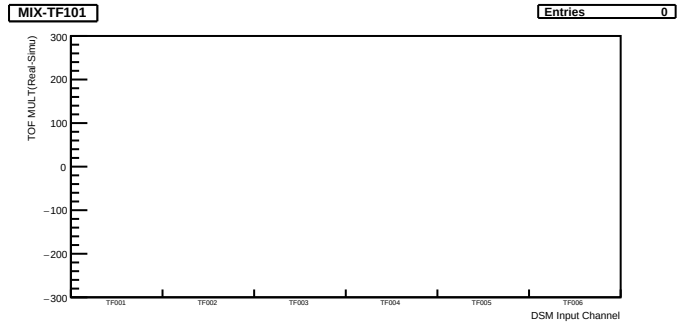

MIX-TF003
Entries 1.086773e+07
TOF MULT
TOF tray

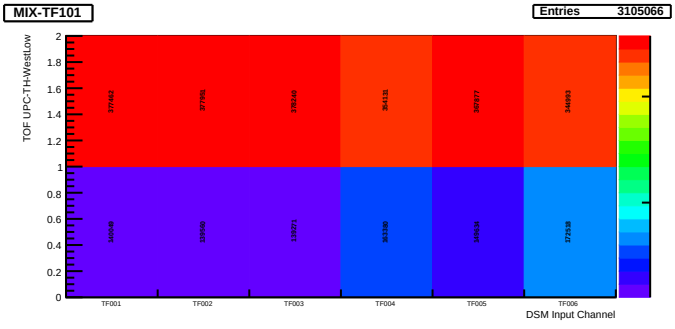

MIX-TF004
Entries 1.086773e+07
TOF MULT
TOF tray

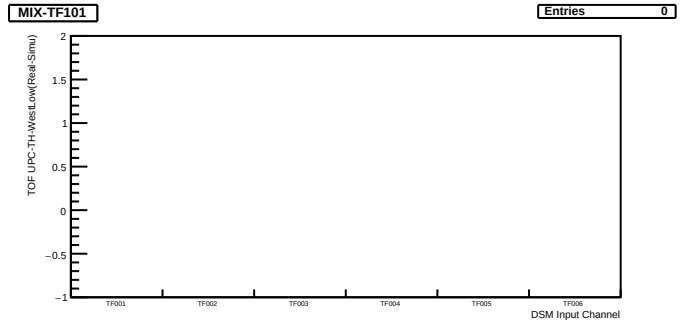

MIX-TF005
Entries 1.086773e+07
TOF MULT
TOF tray

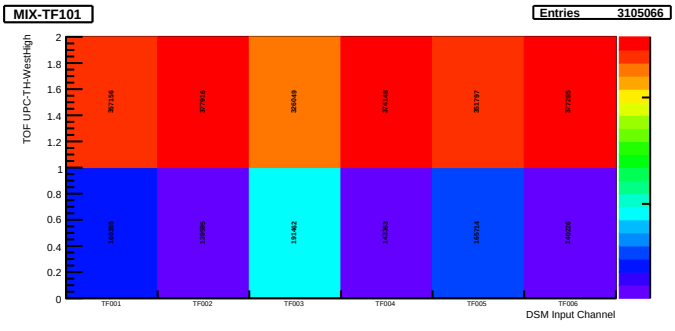

MIX-TF006
Entries 1.086773e+07
TOF MULT
TOF tray

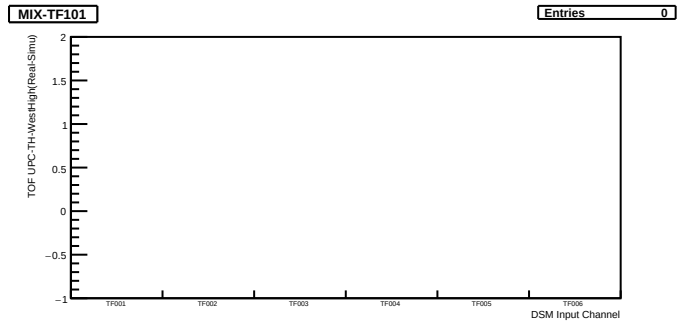

MIX-TF101
Entries 3105066
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

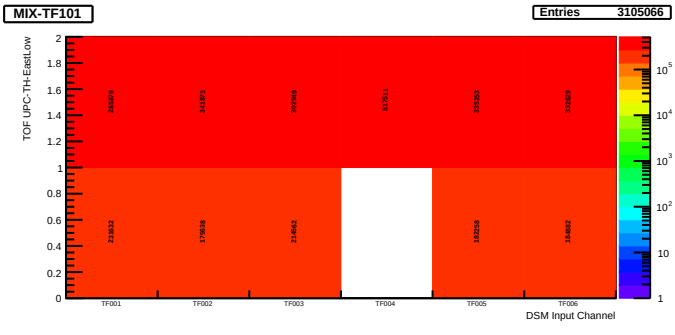

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

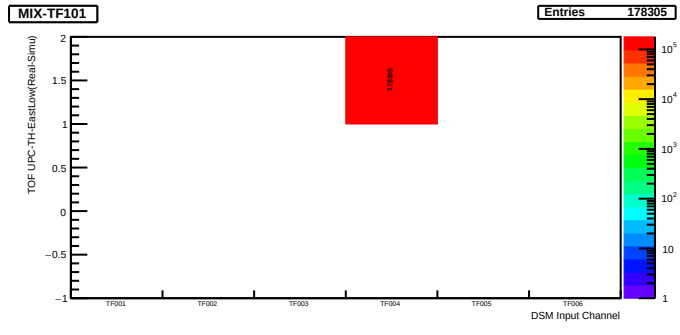

MIX-TF101
Entries 3105066
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

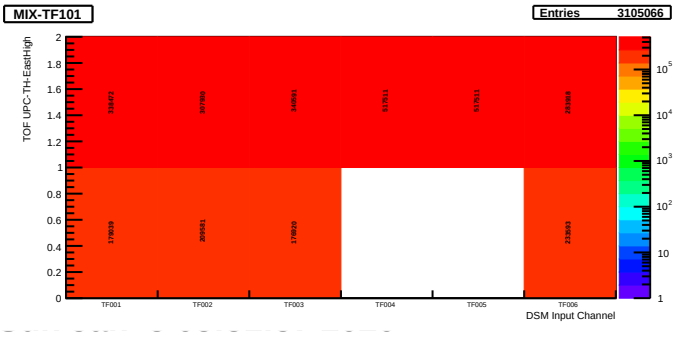

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

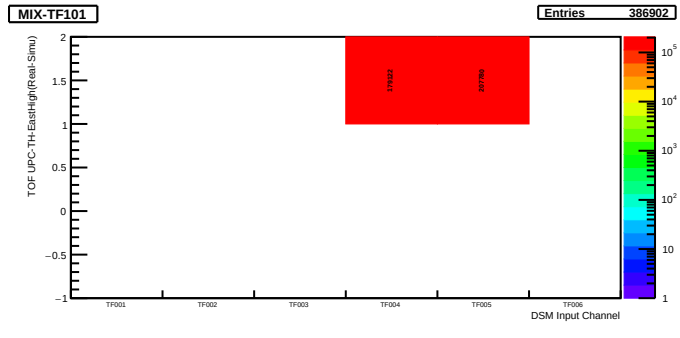

MIX-TF101
Entries 3105066
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

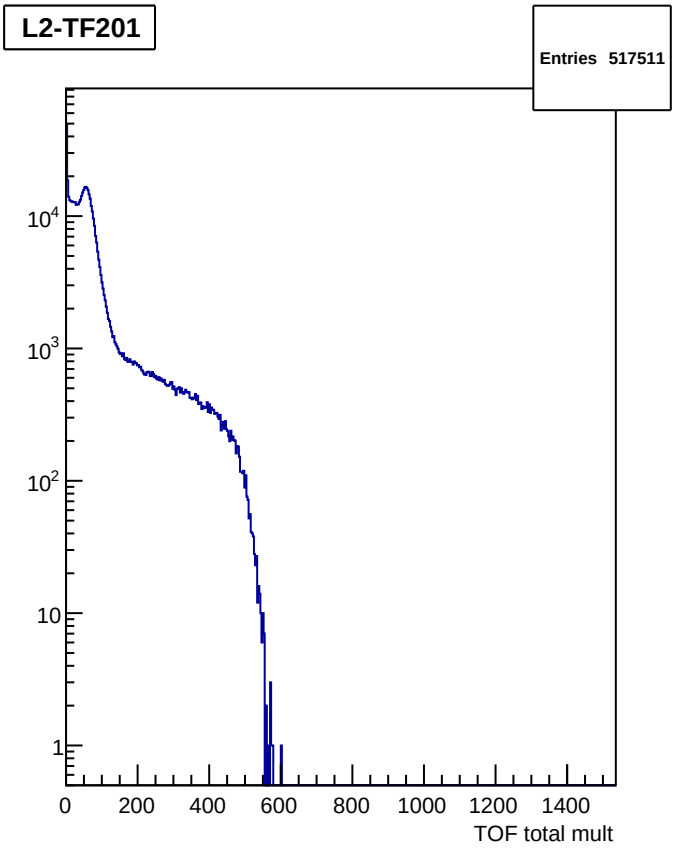

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

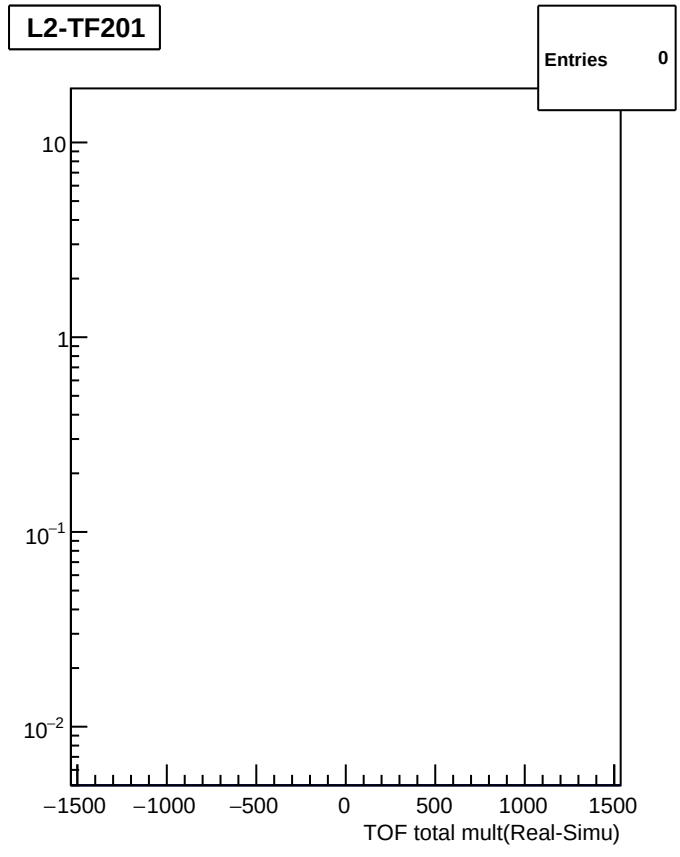

MIX-TF101
Entries 3105066
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

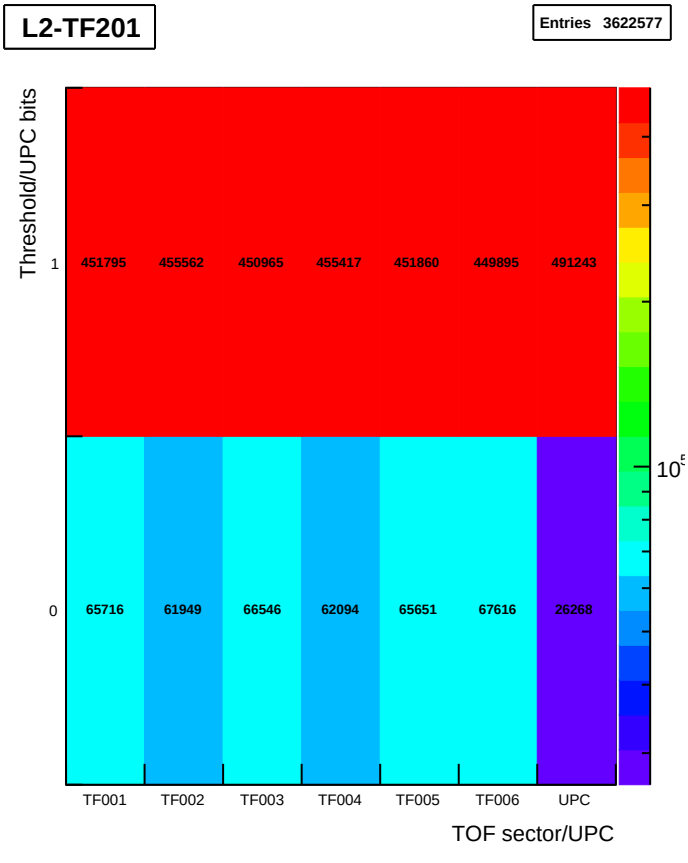

MIX-TF101
Entries 178305
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

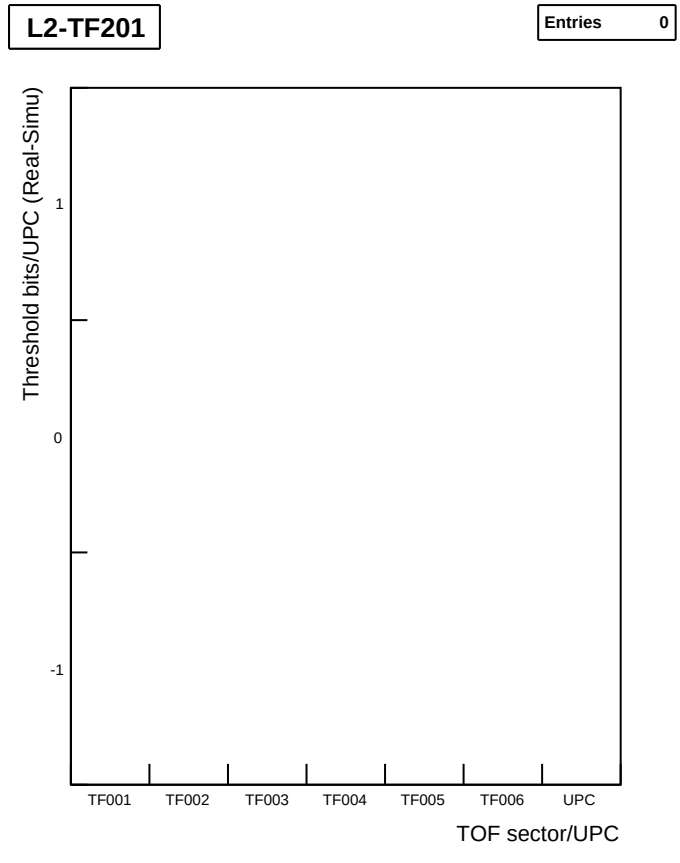

MIX-TF101
Entries 3105066
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

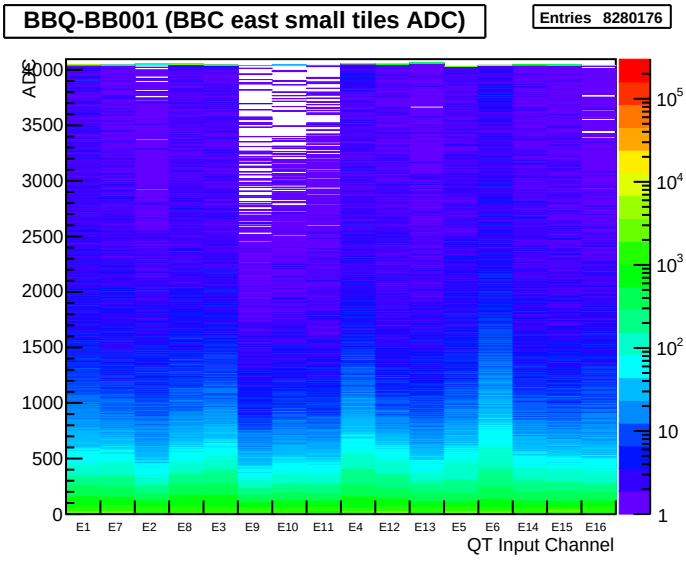

MIX-TF101
Entries 386902
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

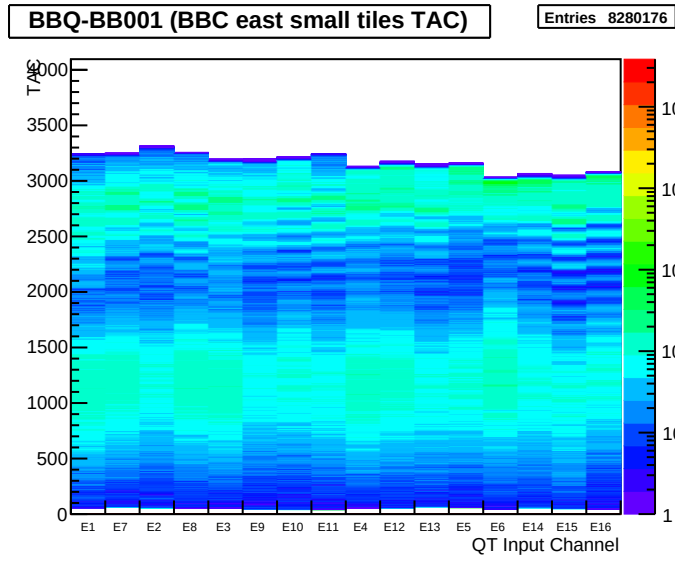

L2-TF201
Entries 517511
TOF total mult

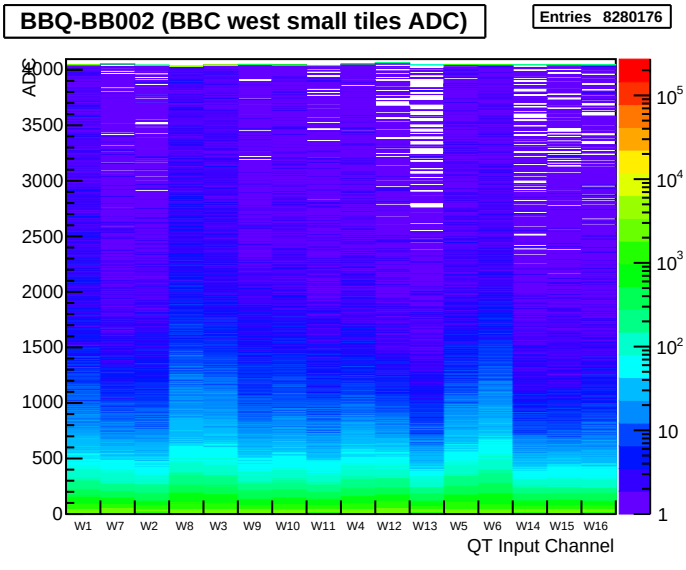

L2-TF201
Entries 0
TOF total mult(Real-Simu)

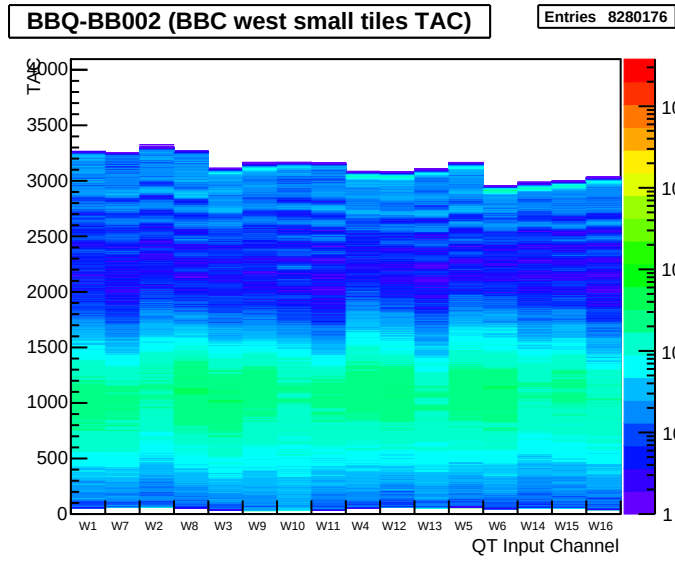

L2-TF201
Entries 3622577
Threshold/UPC bits
451795
455562
450965
455417
451860
449895
491243
65716
61949
66546
62094
65651
67616
26268
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

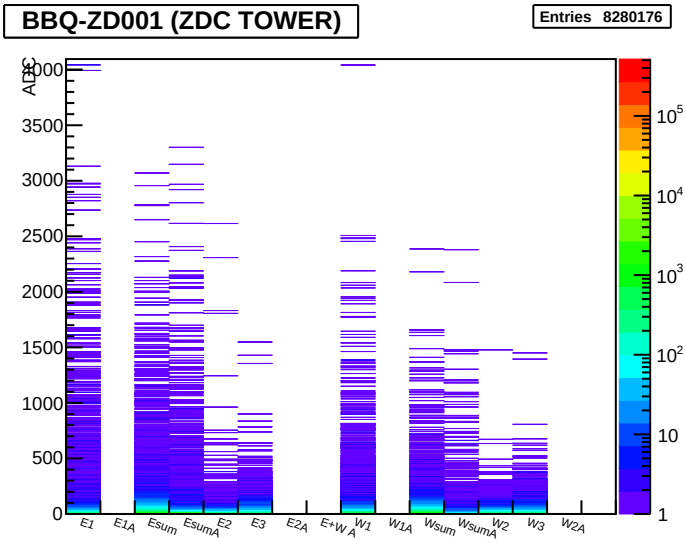

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

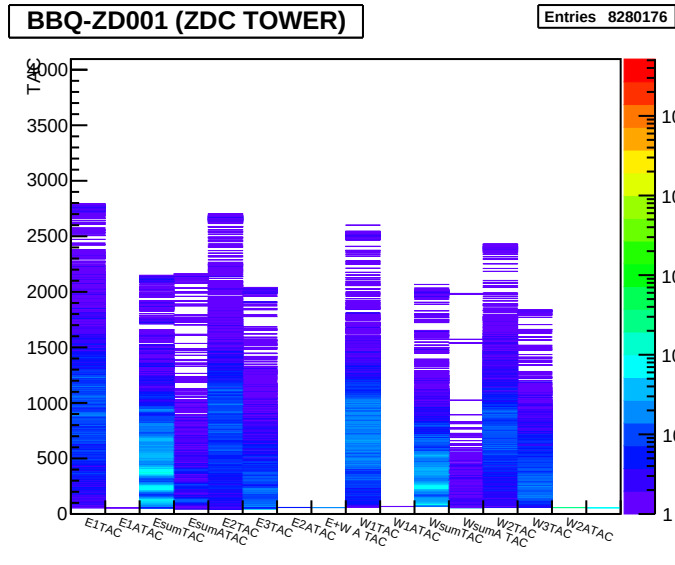

BBQ-BB001 (BBC east small tiles ADC)
Entries 8280176
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

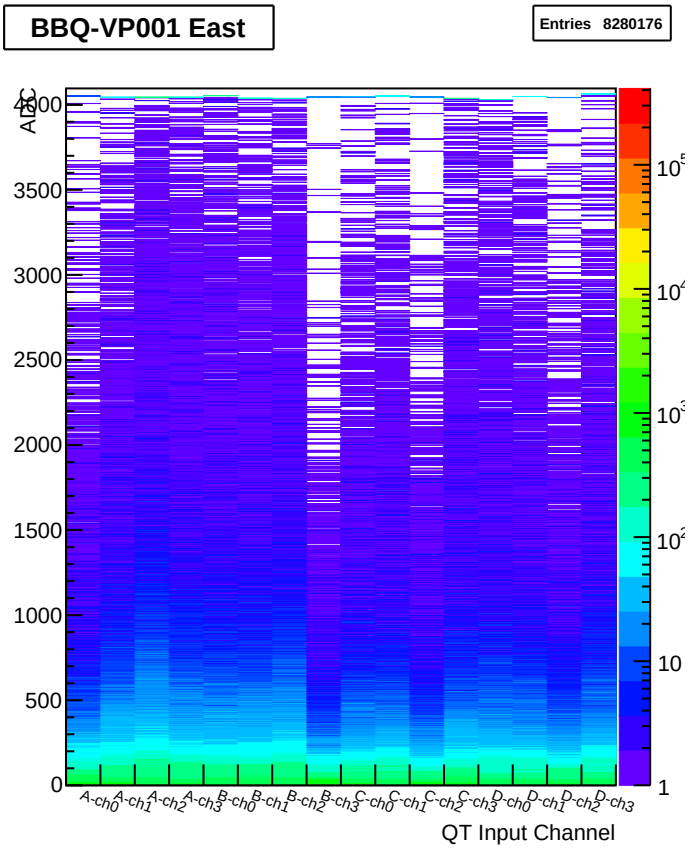

BBQ-BB001 (BBC east small tiles TAC)
Entries 8280176
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

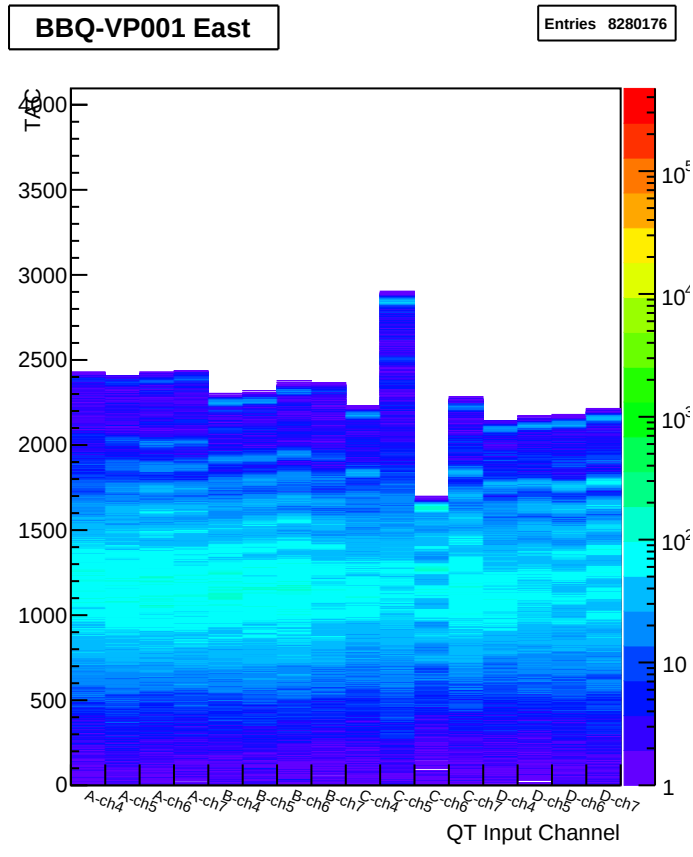

BBQ-BB002 (BBC west small tiles ADC)
Entries 8280176
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

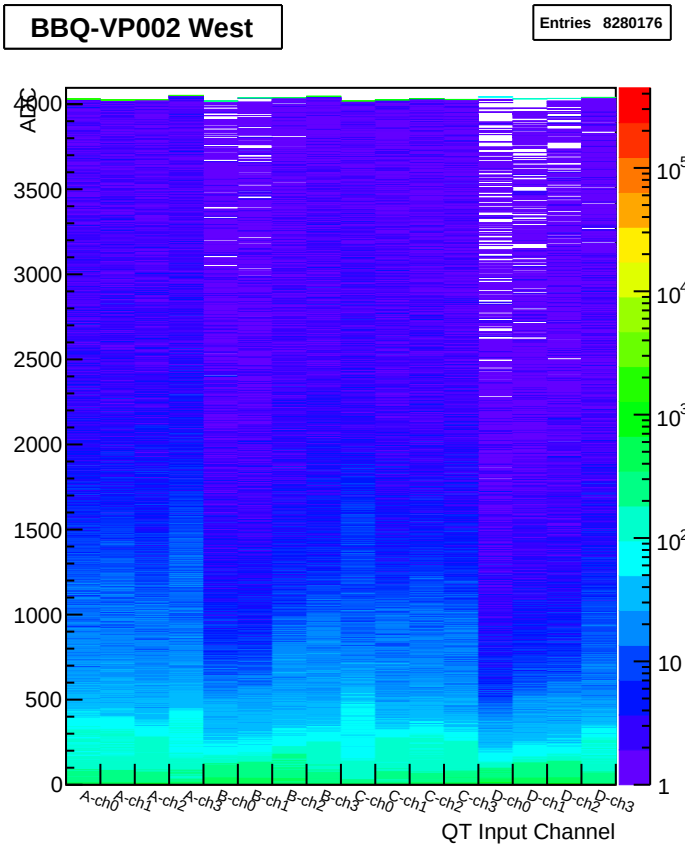

BBQ-BB002 (BBC west small tiles TAC)
Entries 8280176
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

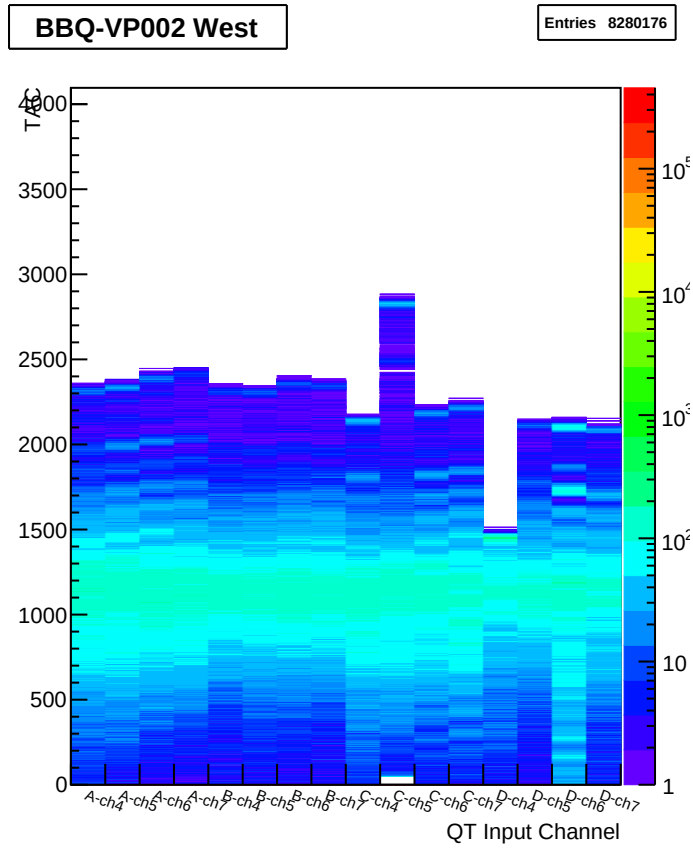

BBQ-ZD001 (ZDC TOWER)
Entries 8280176
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

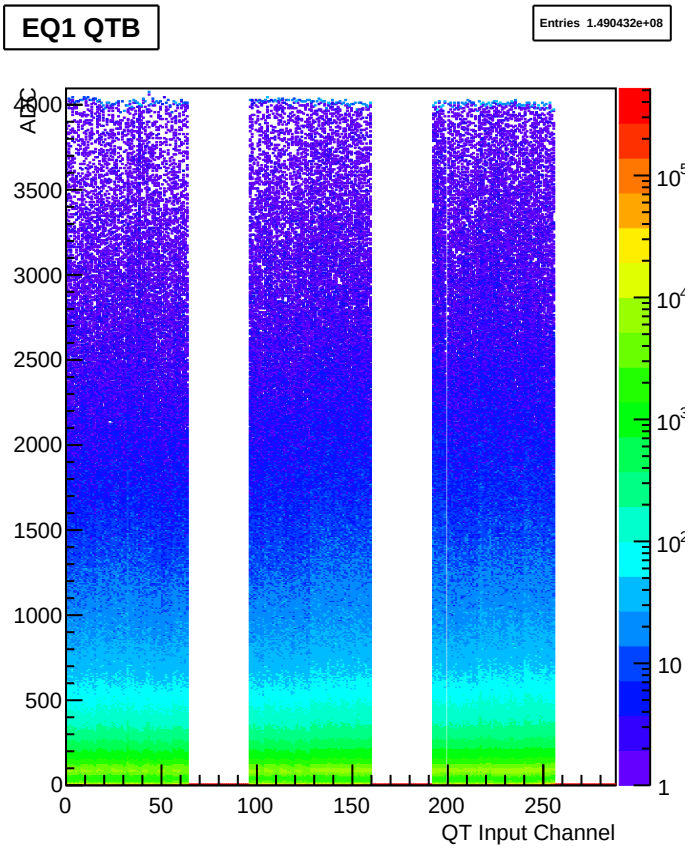

BBQ-ZD001 (ZDC TOWER)
Entries 8280176
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

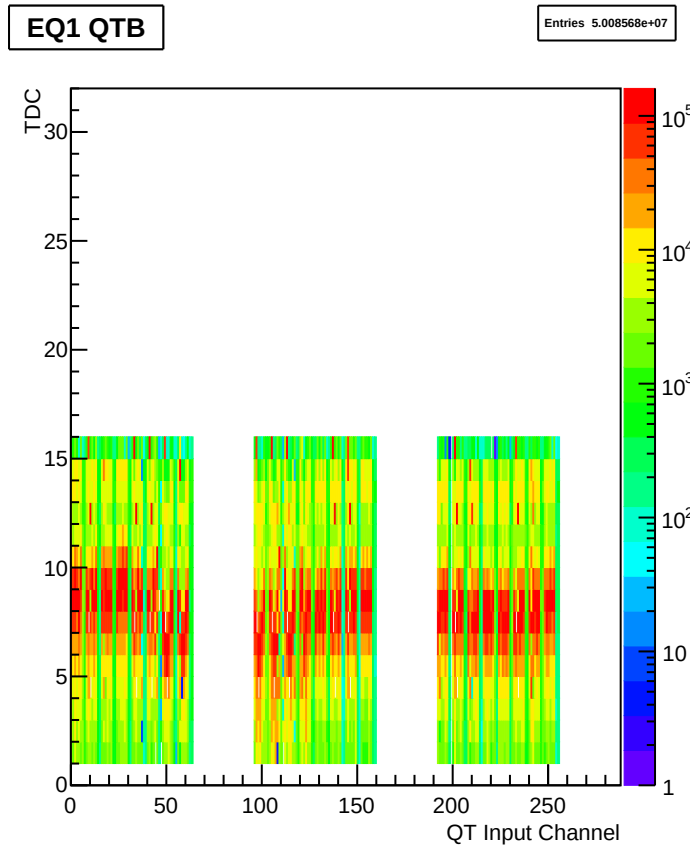

BBQ-VP001 East
Entries 8280176
ADC
QT Input Channel

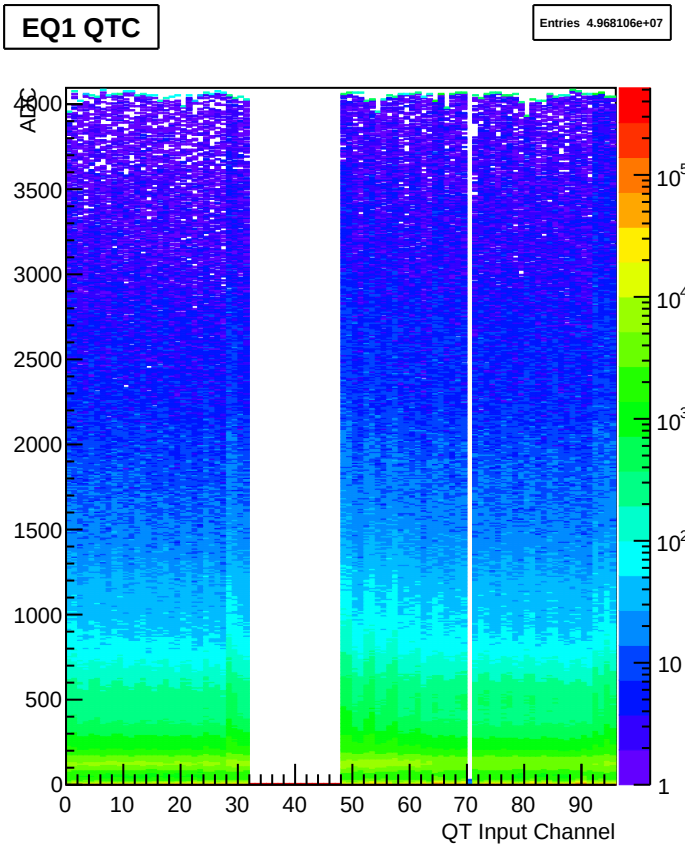

BBQ-VP001 East
Entries 8280176
ADC
QT Input Channel

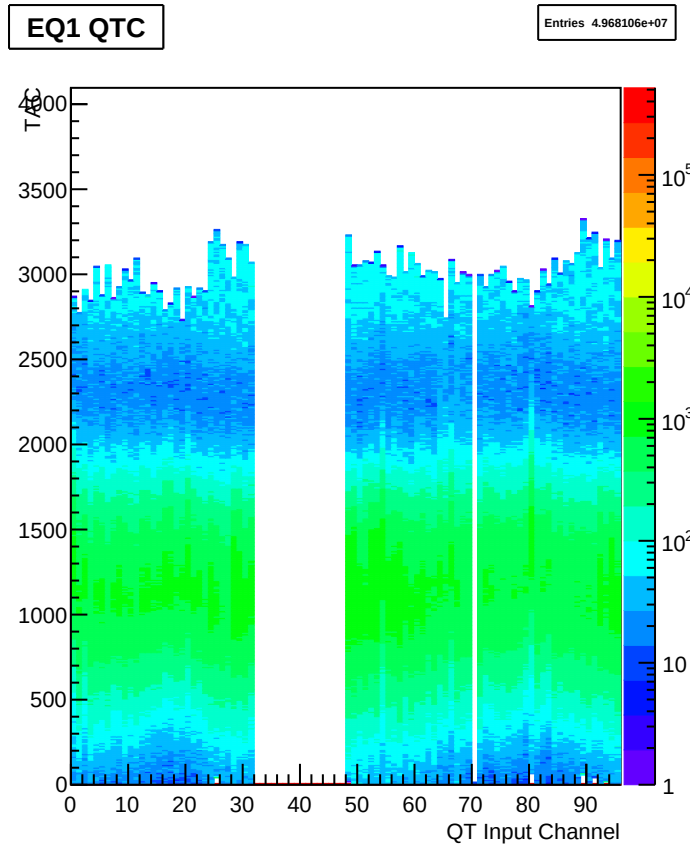

BBQ-VP002 West
Entries 8280176
ADC
QT Input Channel

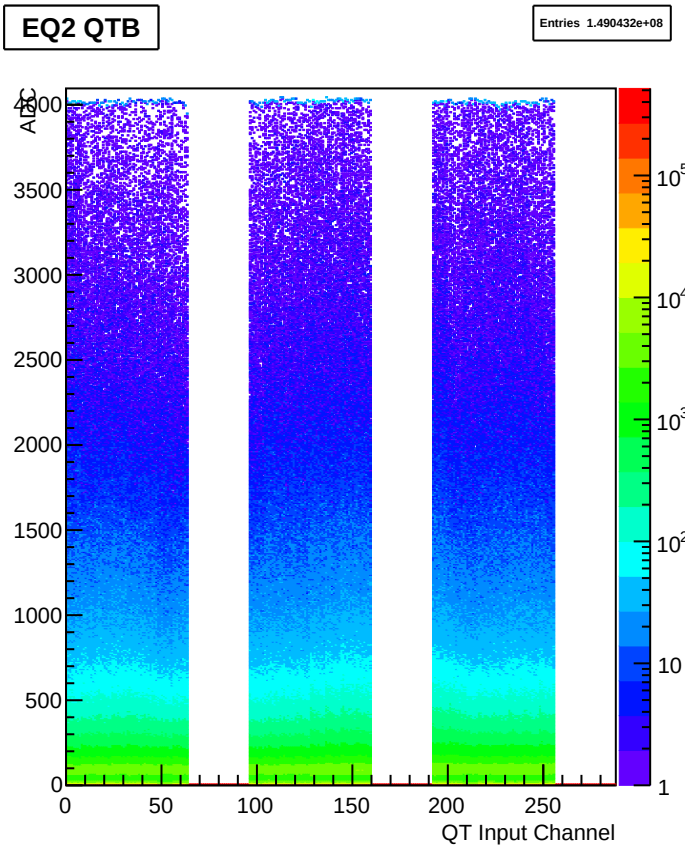

BBQ-VP002 West
Entries 8280176
ADC
QT Input Channel

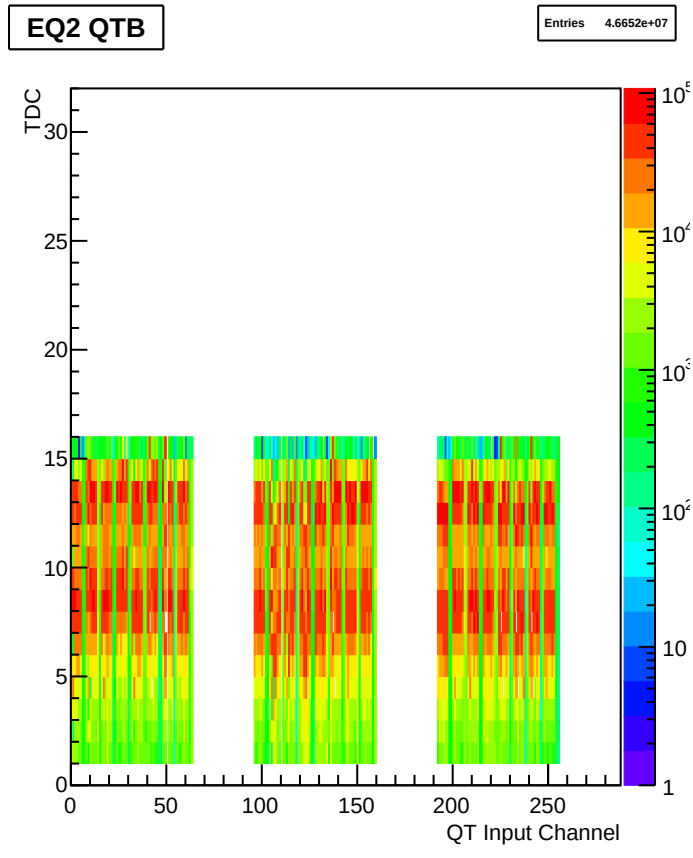

EQ1 QTB
Entries 1.490432e+08
ADC
QT Input Channel

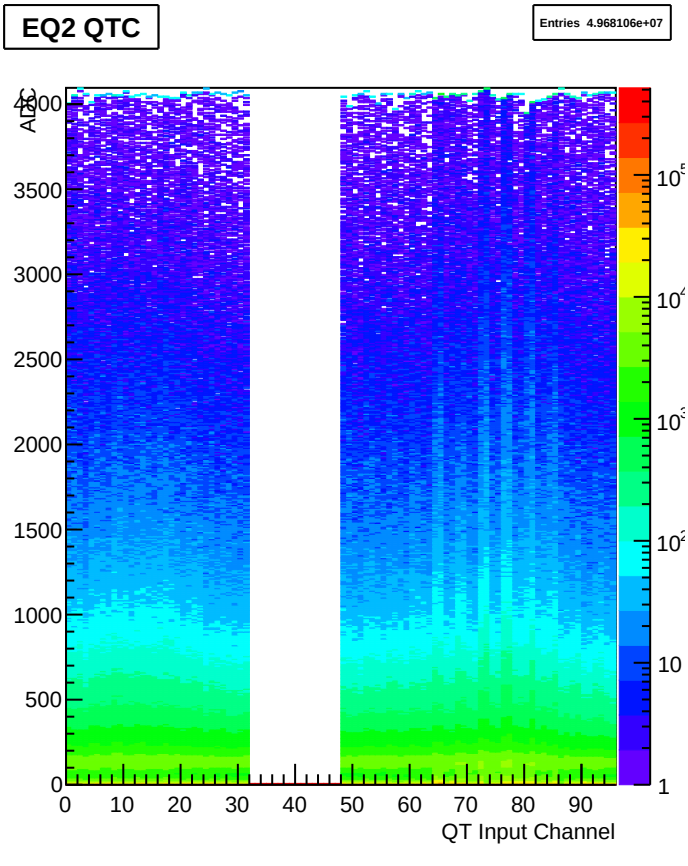

EQ1 QTB
Entries 5.008568e+07
TDC
QT Input Channel

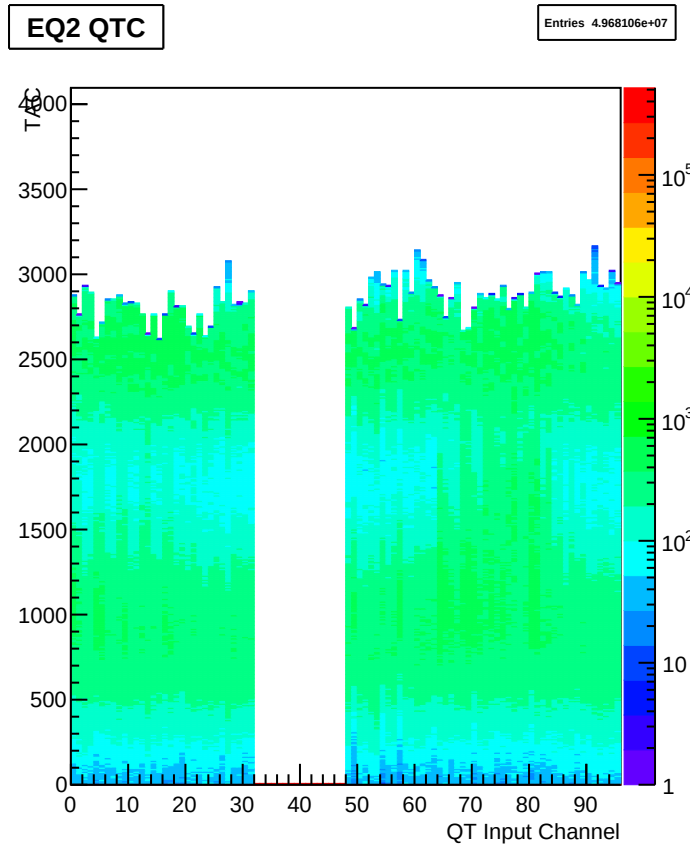

EQ1 QTC
Entries 4.968106e+07
ADC
QT Input Channel

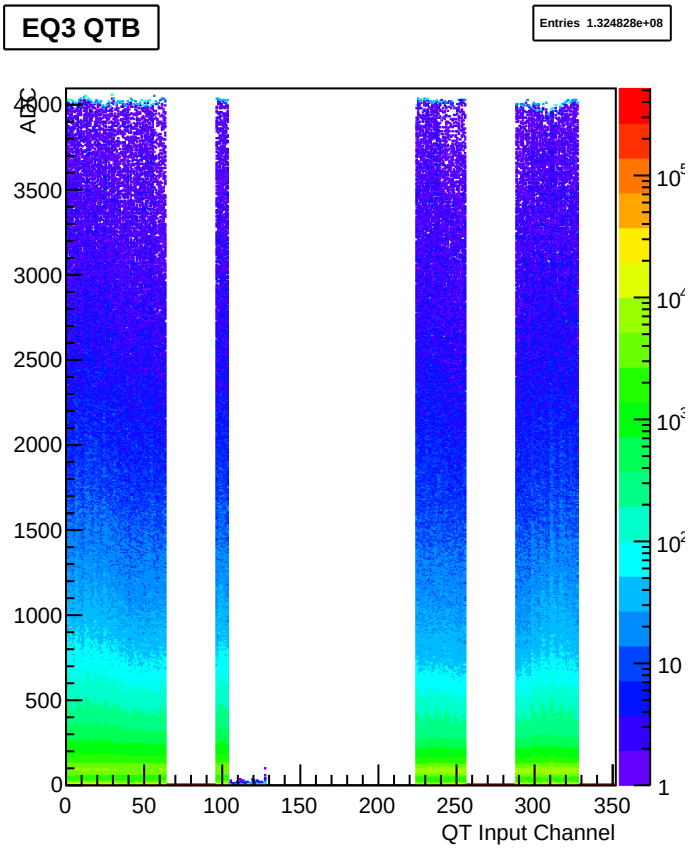

EQ1 QTC
Entries 4.968106e+07
TADC
QT Input Channel

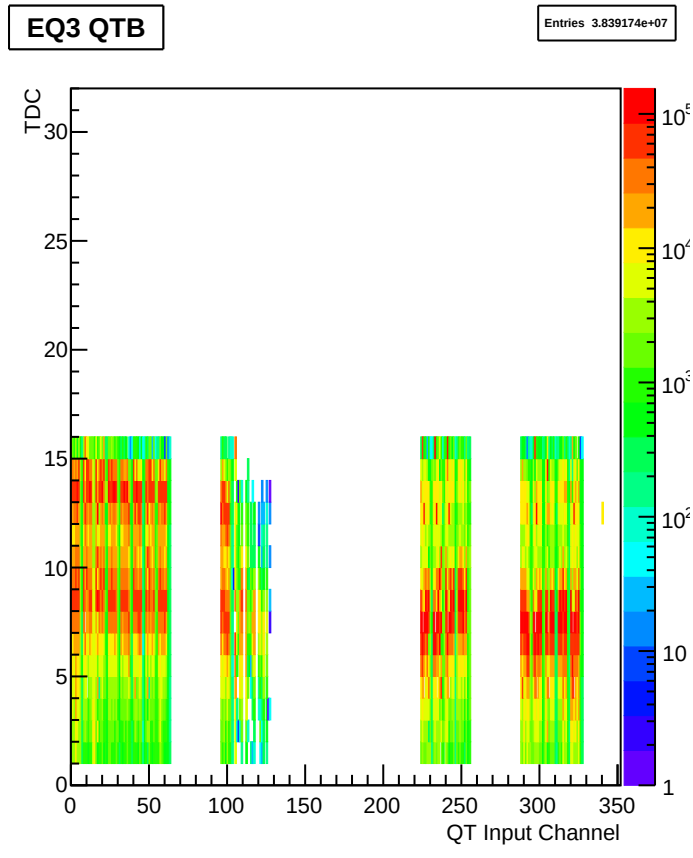

EQ2 QTB
Entries 1.490432e+08
ADC
QT Input Channel

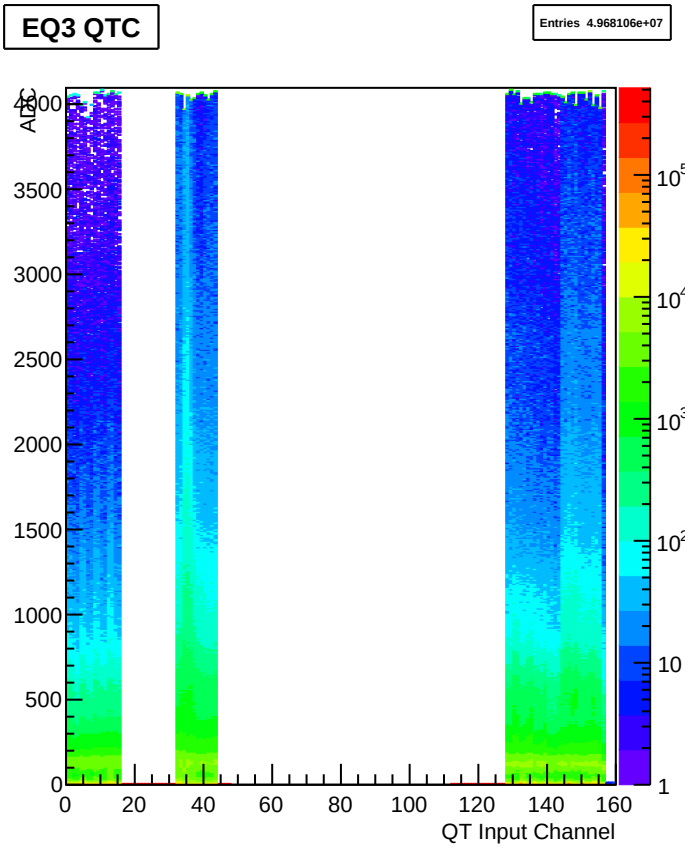

EQ2 QTB
Entries 4.6652e+07
TDC
QT Input Channel

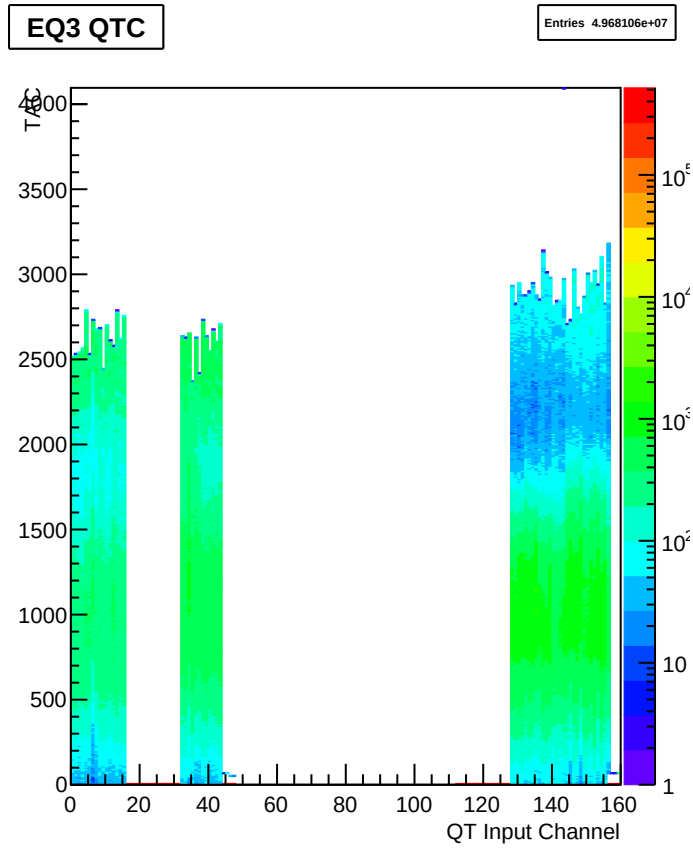

EQ2 QTC
Entries 4.968106e+07
ADC
QT Input Channel

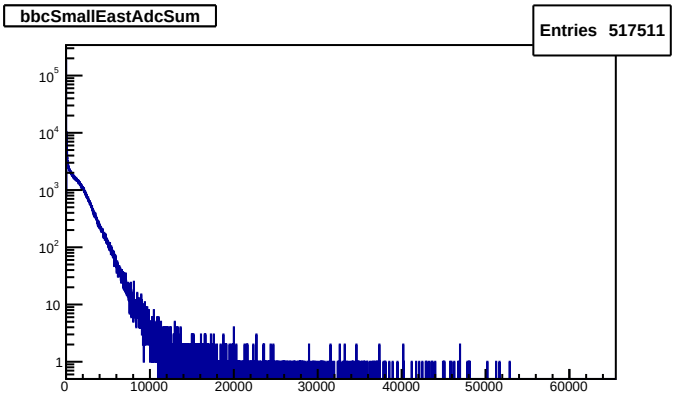

EQ2 QTC
Entries 4.968106e+07
TADC
QT Input Channel

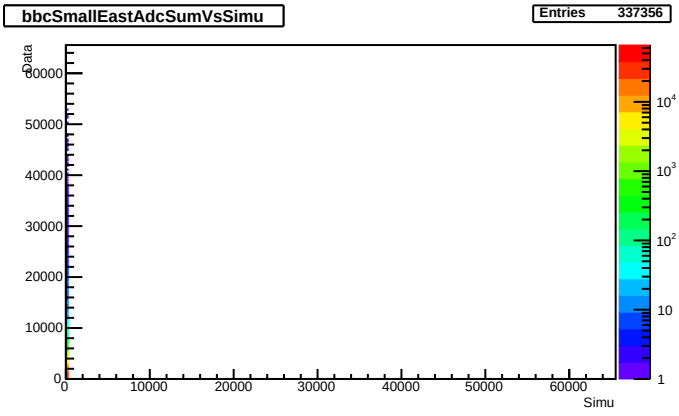

EQ3 QTB
Entries 1.324828e+08
ADC
QT Input Channel

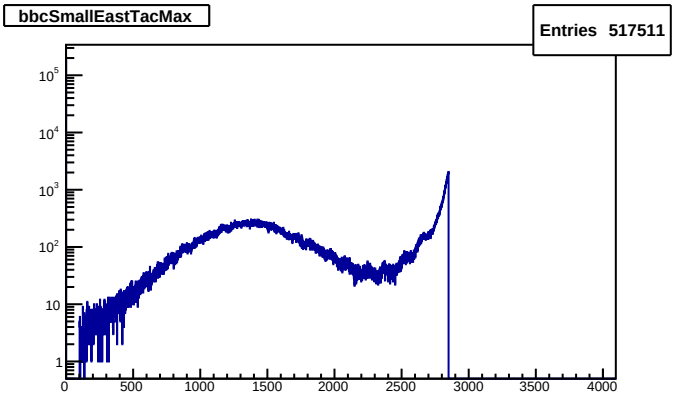

EQ3 QTB
Entries 3.839174e+07
TDC
QT Input Channel

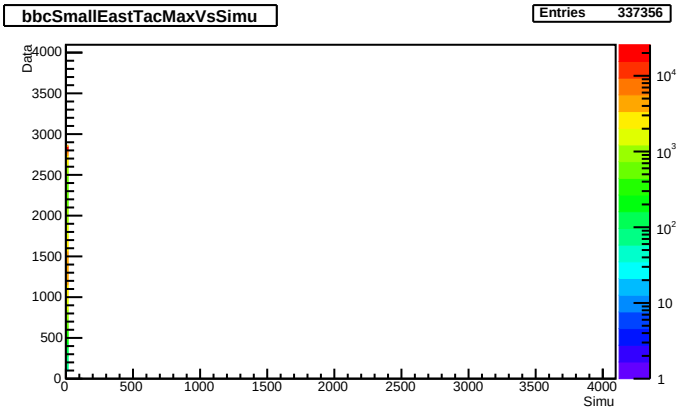

EQ3 QTC
Entries 4.968106e+07
ADC
QT Input Channel

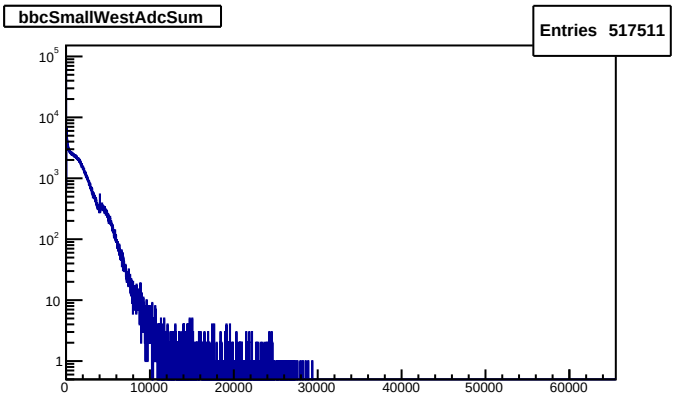

EQ3 QTC
Entries 4.968106e+07
TADC
QT Input Channel

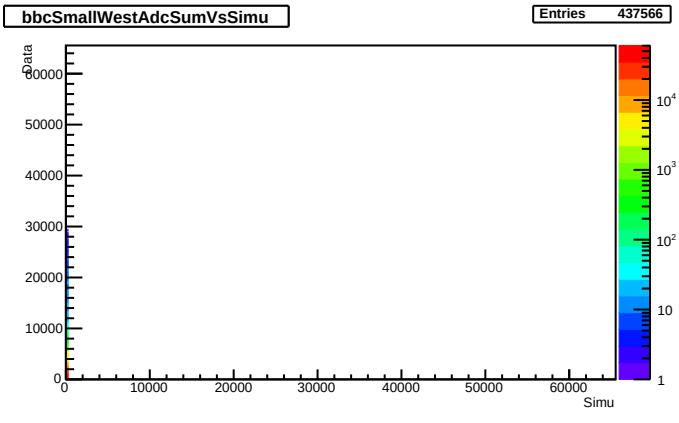

bbcSmallEastAdcSum
Entries 517511

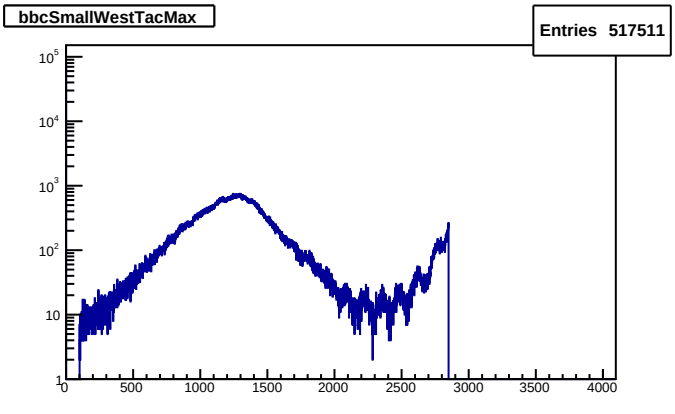

bbcSmallEastAdcSumVsSimu
Entries 337356
Data
Simu

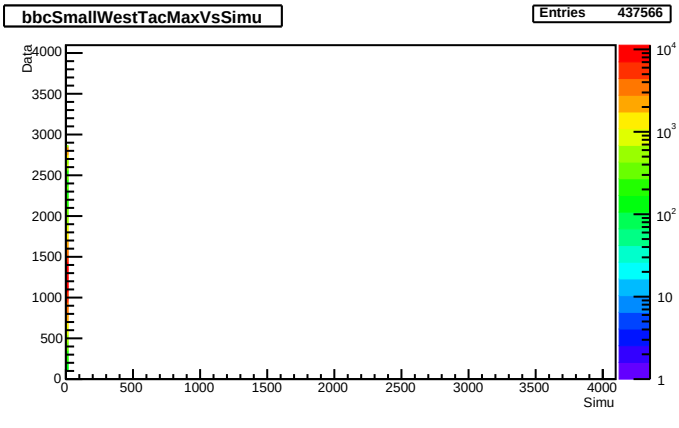

bbcSmallEastTacMax
Entries 517511

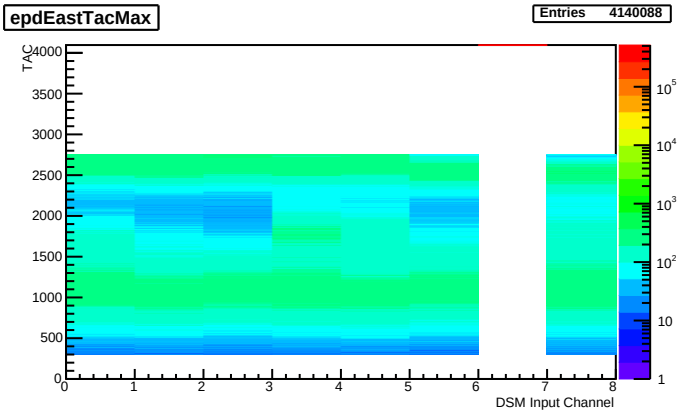

bbcSmallEastTacMaxVsSimu
Entries 337356
Data
Simu

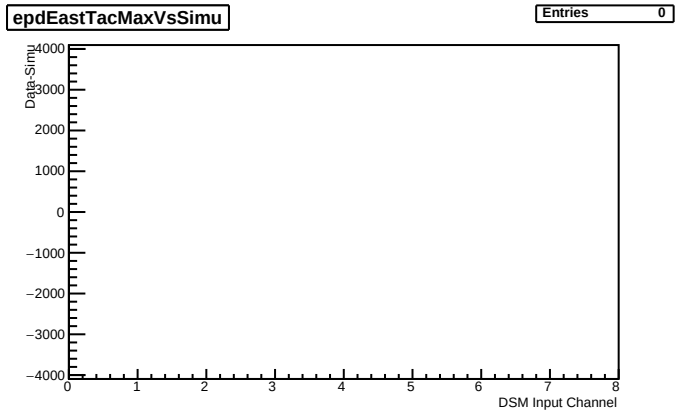

bbcSmallWestAdcSum
Entries 517511

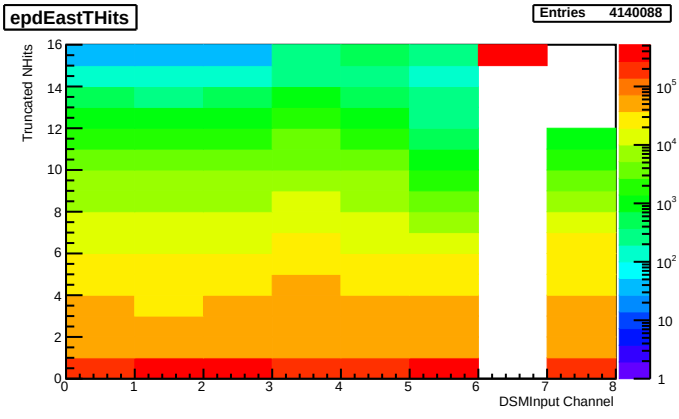

bbcSmallWestAdcSumVsSimu
Entries 437566
Data
Simu

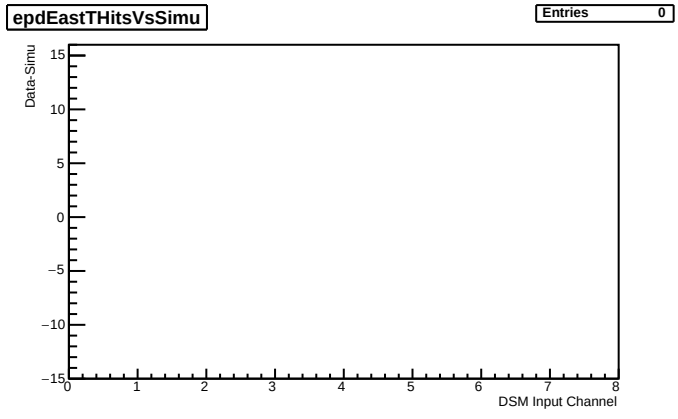

bbcSmallWestTacMax
Entries 517511


bbcSmallWestTacMaxVsSimu
Entries 437566
Data
Simu


epdEastTacMax
Entries 4140088
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4140088
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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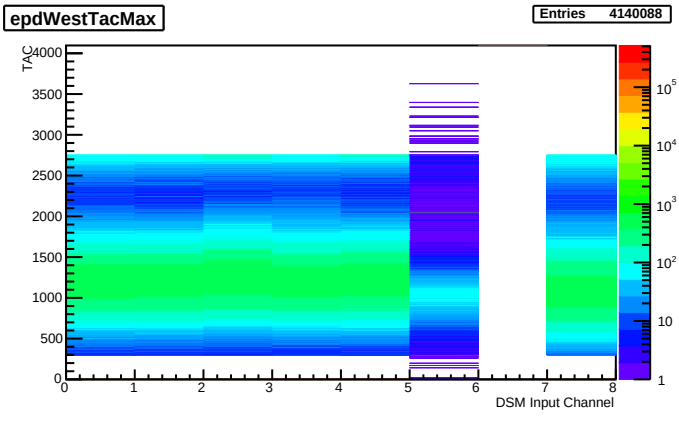
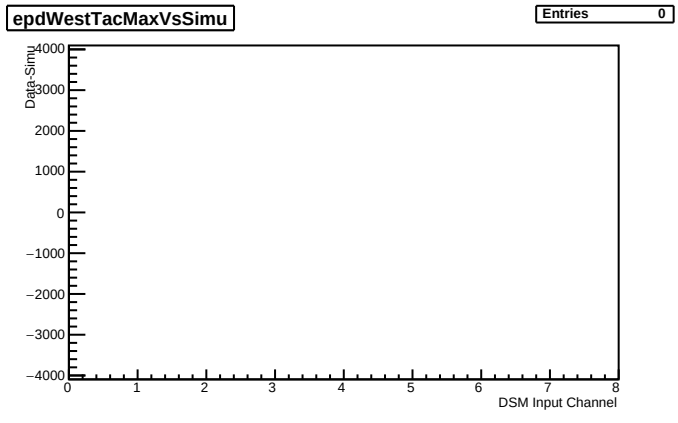
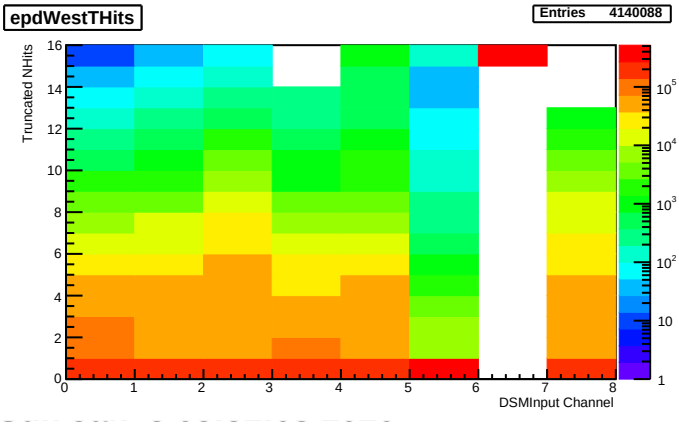
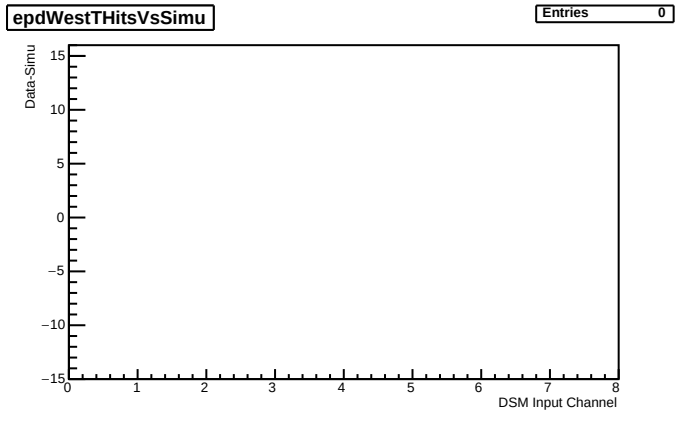
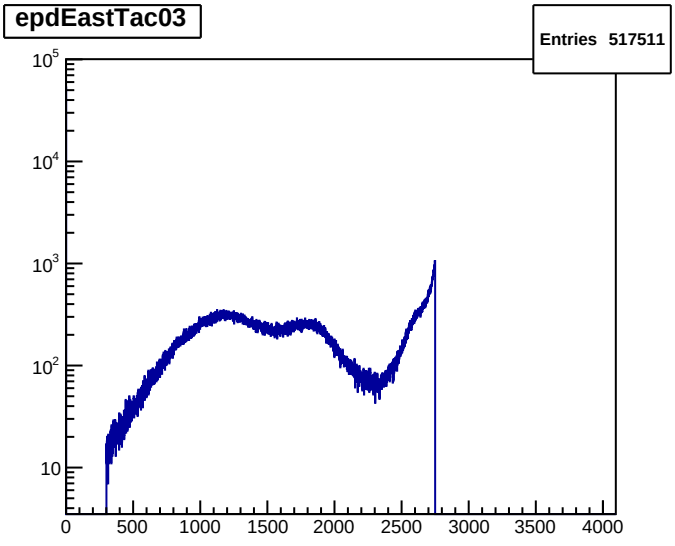
Data-Simu
DSM Input Channel

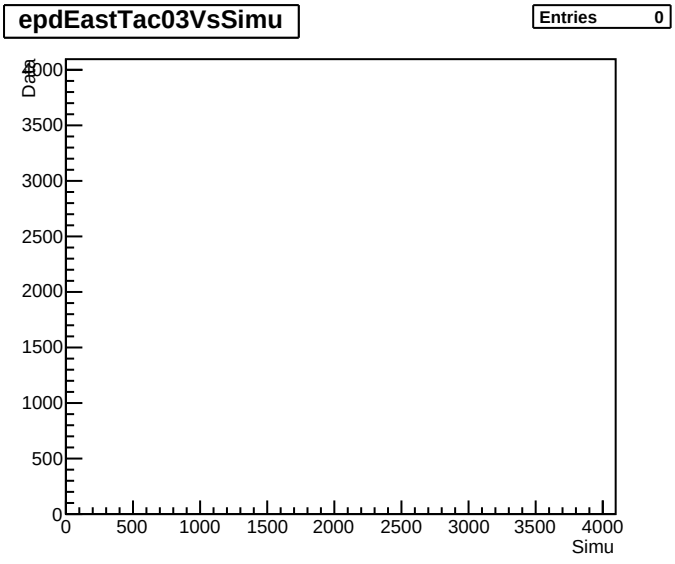

epdWestTacMax
Entries 4140088
TAC
DSM Input Channel

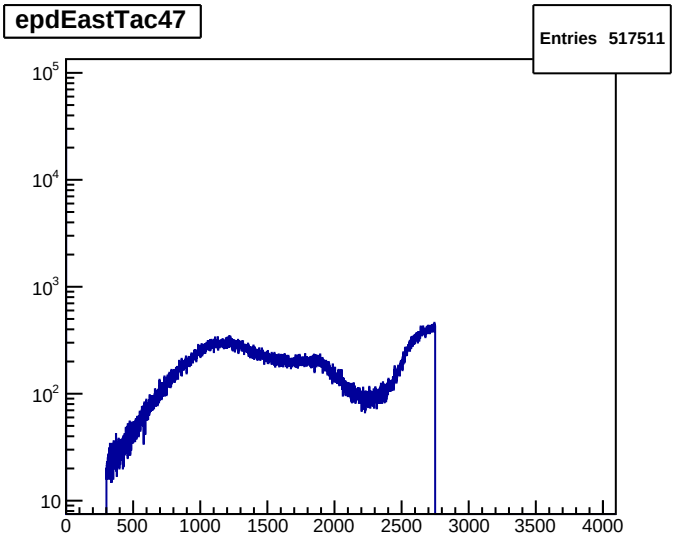

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

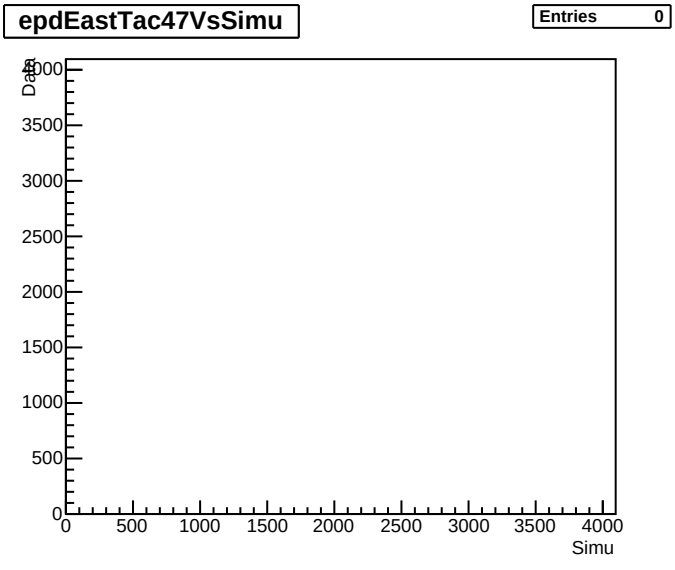

epdWestTHits
Entries 4140088
Truncated NHits
DSMInput Channel

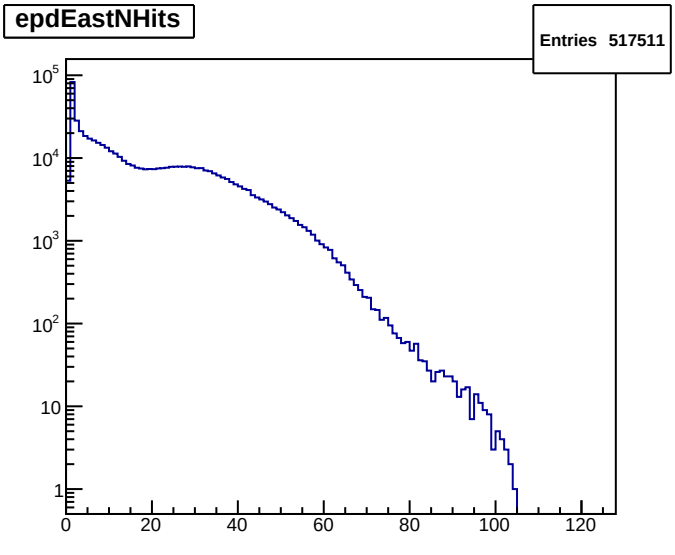

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

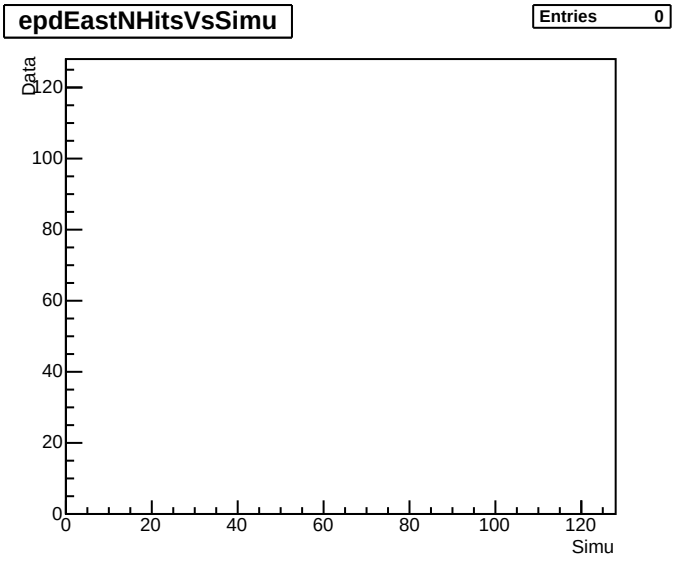

epdEastTac03
Entries 517511


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 517511


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 517511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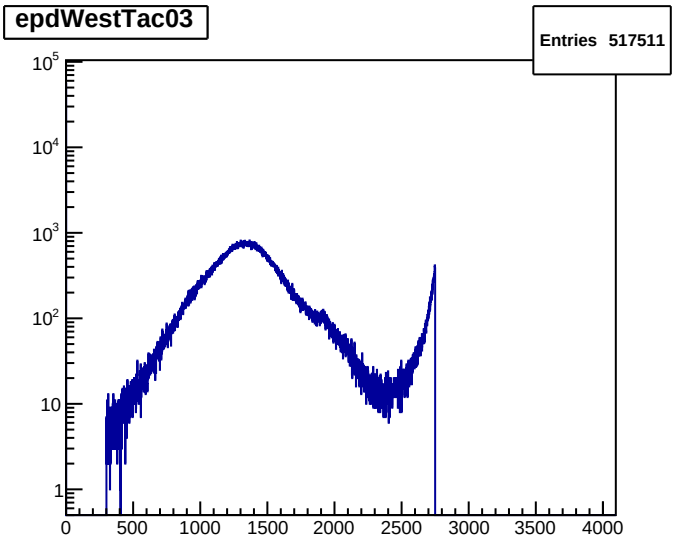
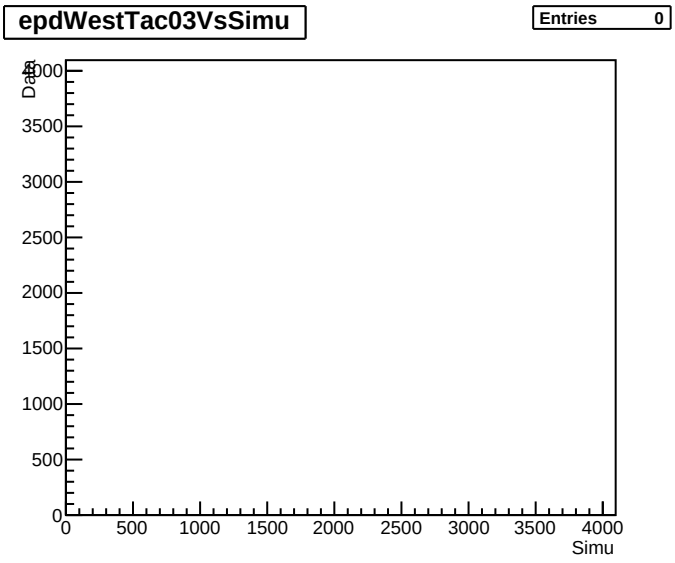
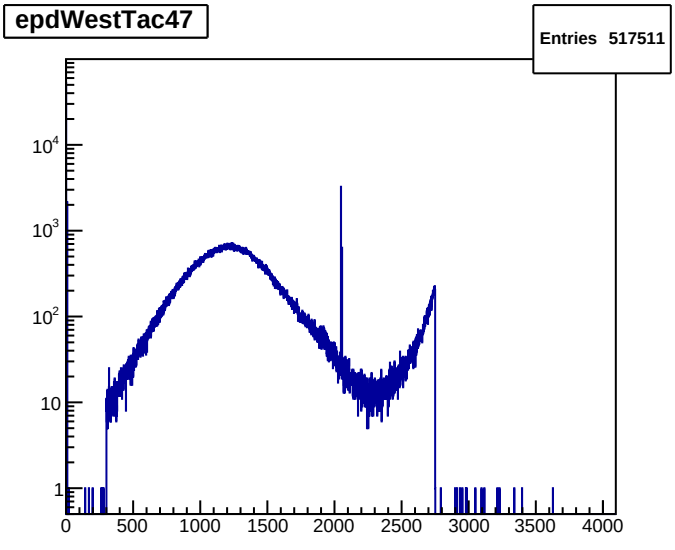
Entries 0
Data
Simu


epdWestTac03
Entries 517511


epdWestTac03VsSimu
Entries 0
Data
Simu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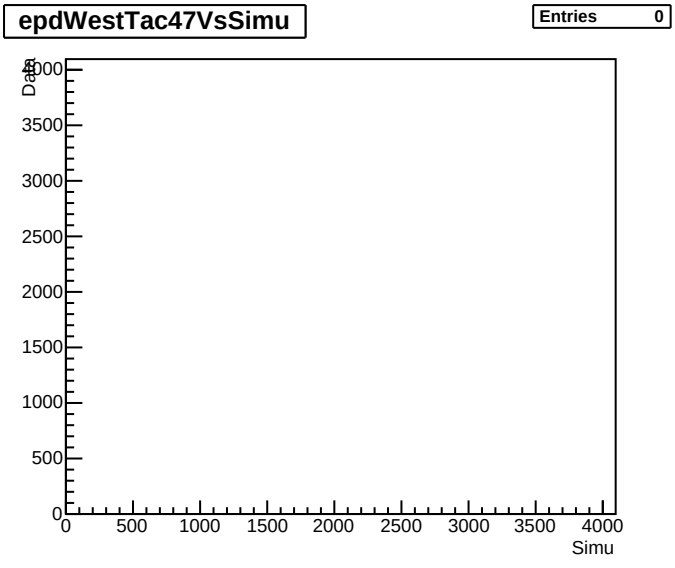
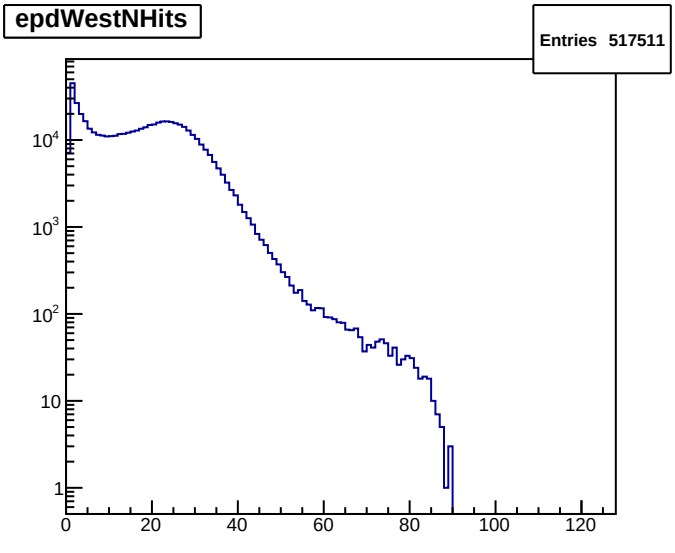
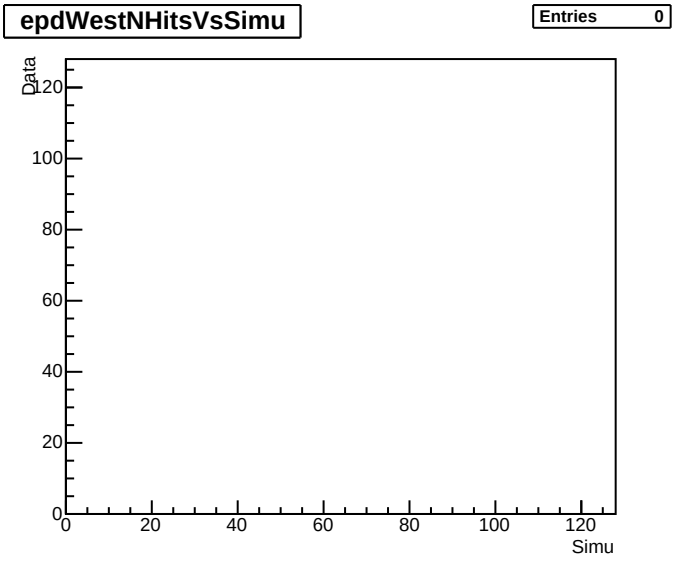
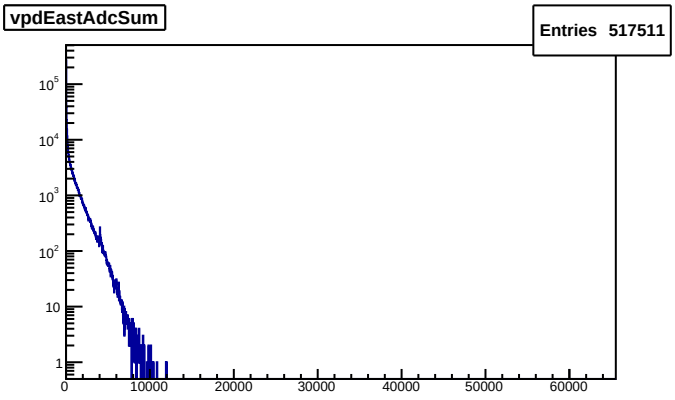
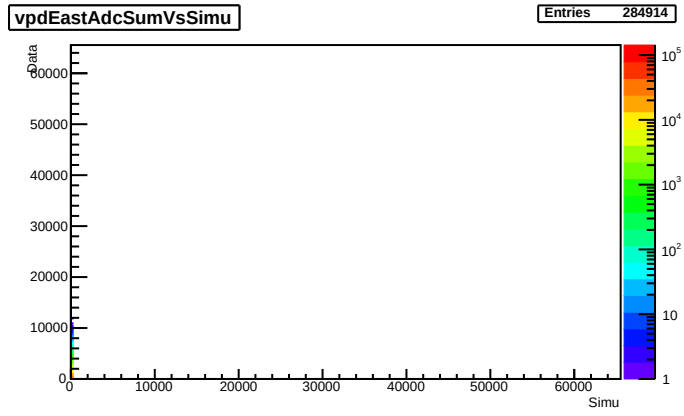
Entries 517511

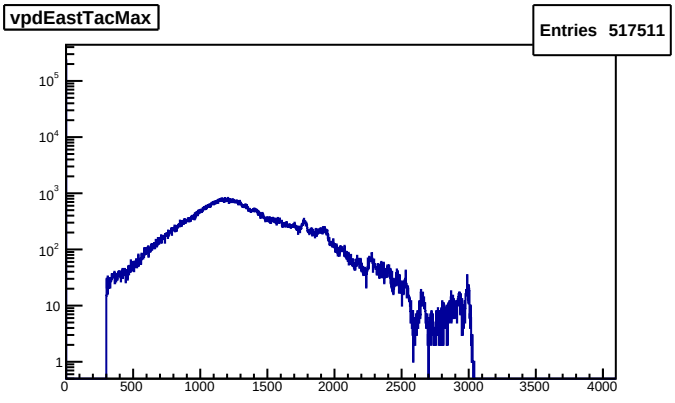

epdWestTac47VsSimu
Entries 0
Data
Simu

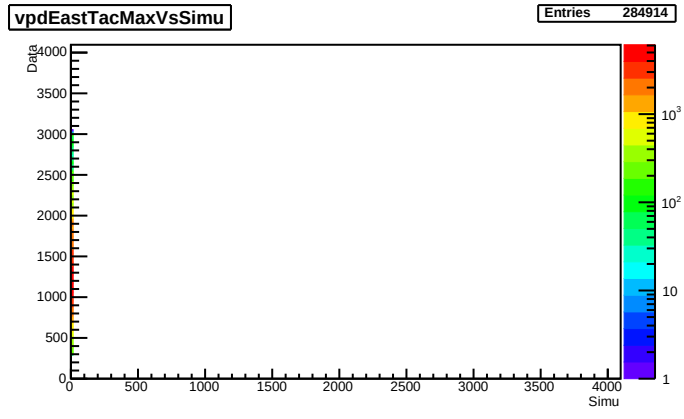

epdWestNHits
Entries 517511

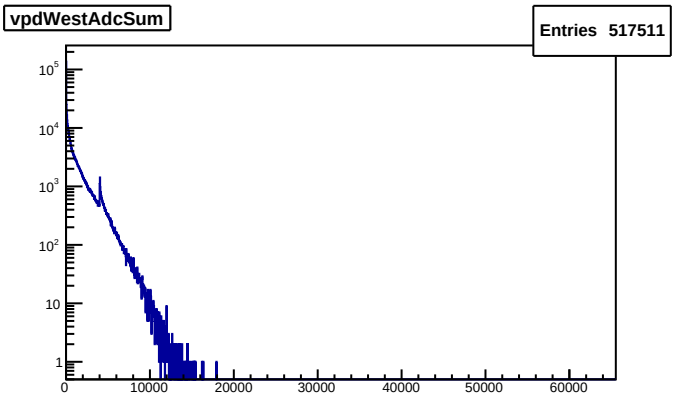

epdWestNHitsVsSimu
Entries 0
Data
Simu

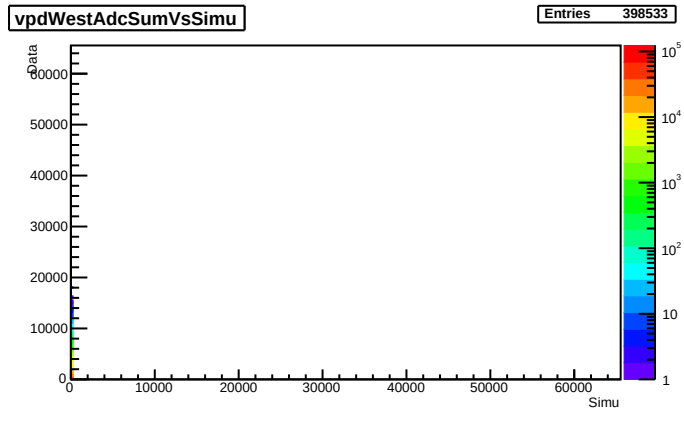

vpdEastAdcSum
Entries 517511

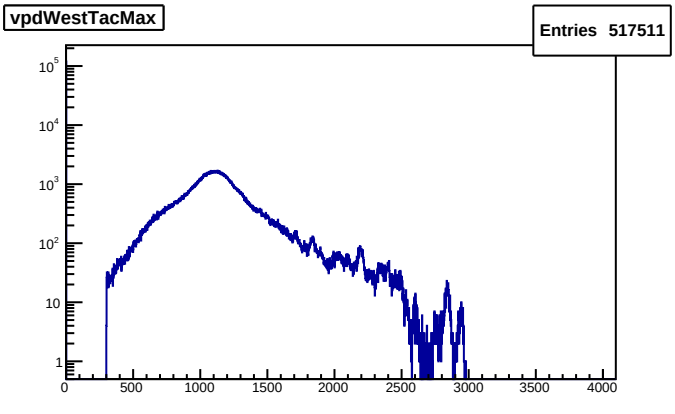

vpdEastAdcSumVsSimu
Entries 284914
Data
Simu

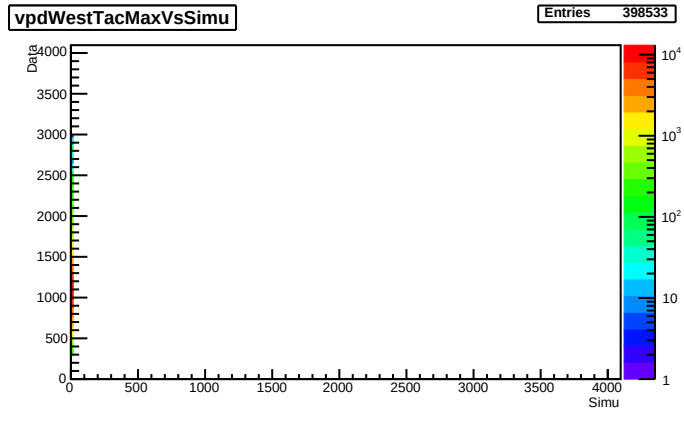

vpdEastTacMax
Entries 517511

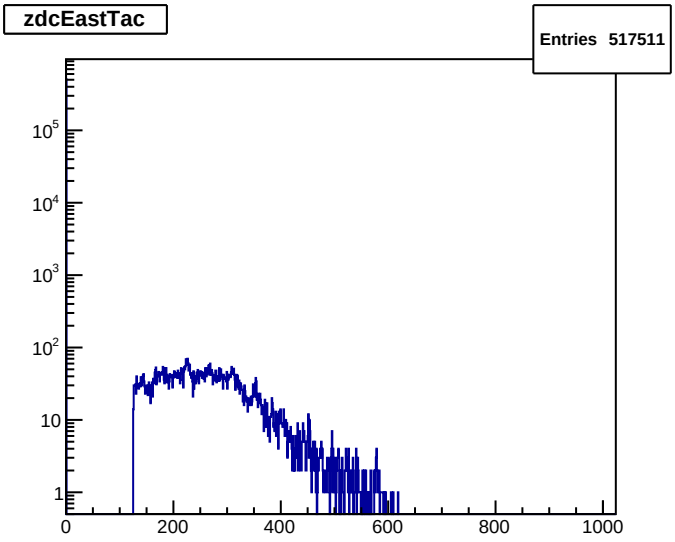

vpdEastTacMaxVsSimu
Entries 284914
Data
Simu

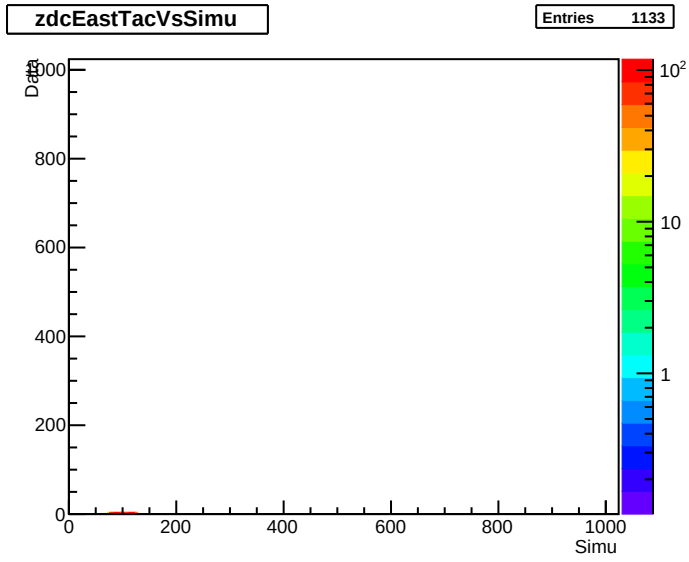

vpdWestAdcSum
Entries 517511

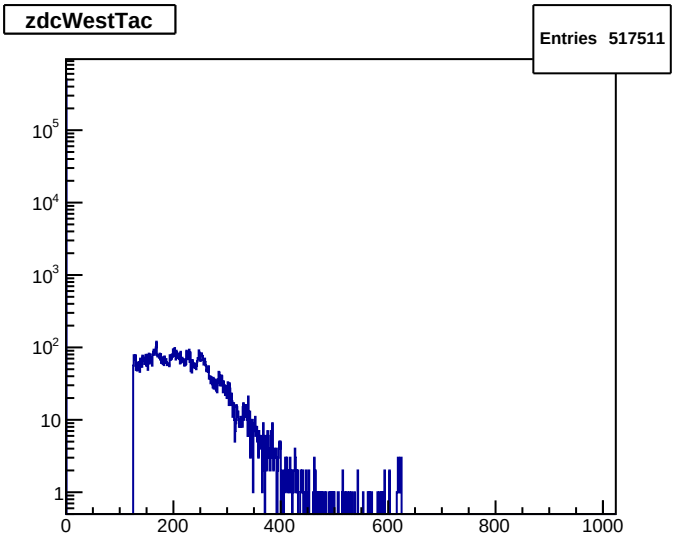

vpdWestAdcSumVsSimu
Entries 398533
Data
Simu

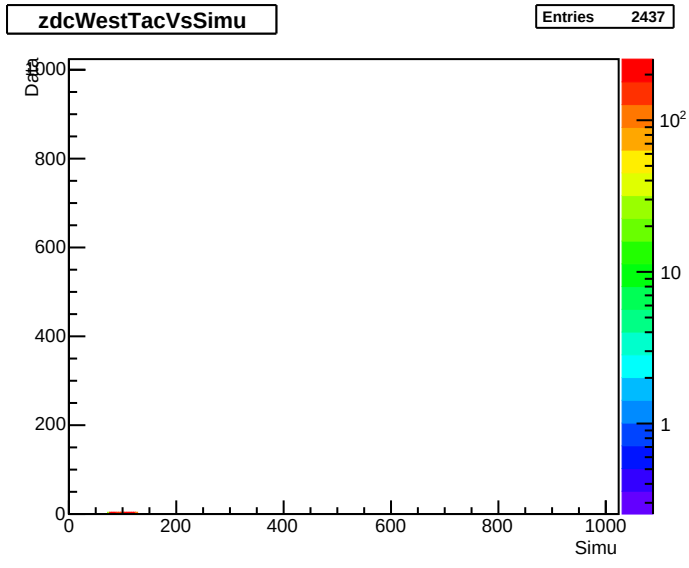

vpdWestTacMax
Entries 517511

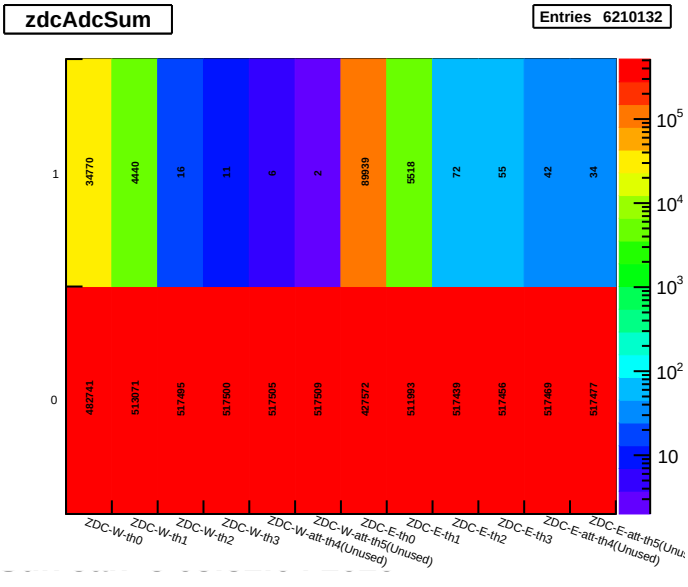

vpdWestTacMaxVsSimu
Entries 398533
Data
Simu

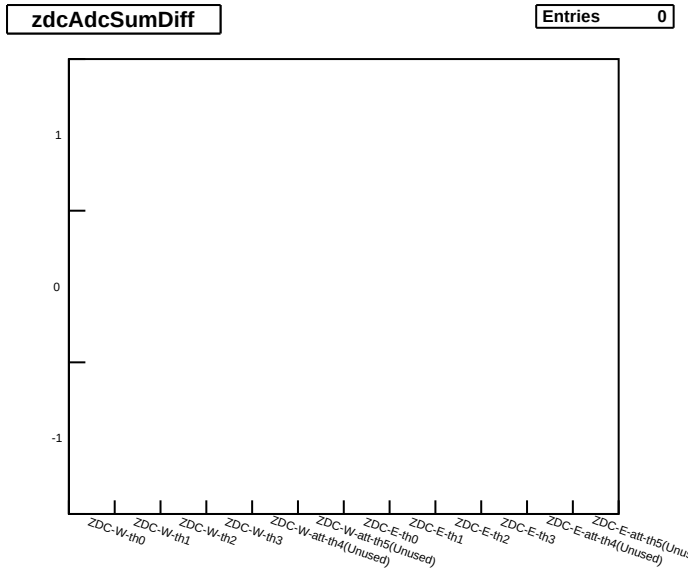

zdcEastTac
Entries 517511

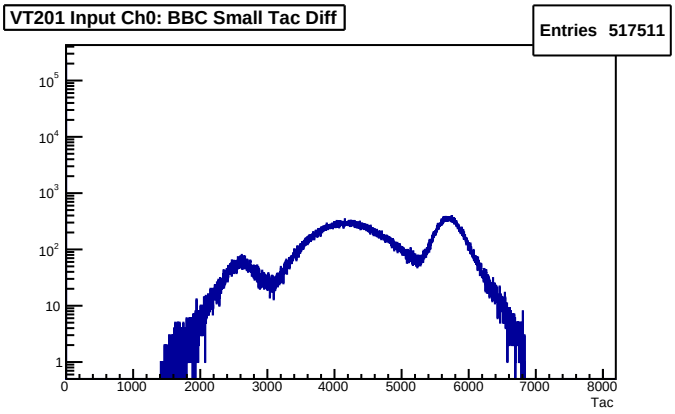

zdcEastTacVsSimu
Entries 1133
Data
Simu

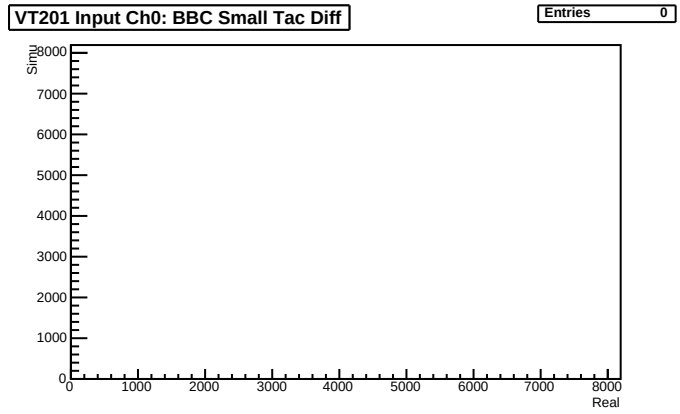

zdcWestTac
Entries 517511

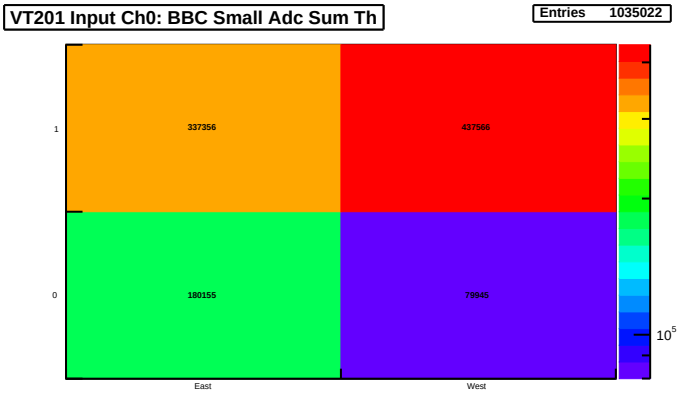

zdcWestTacVsSimu
Entries 2437
Data
Simu

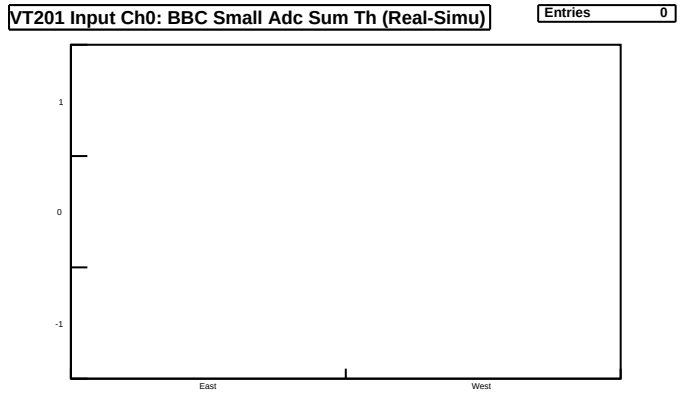

zdcAdcSum
Entries 6210132
34770
4440
16
11
6
2
89939
5518
72
55
42
34
482741
513071
517495
517500
517505
517509
427572
511993
517439
517456
517469
517477
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

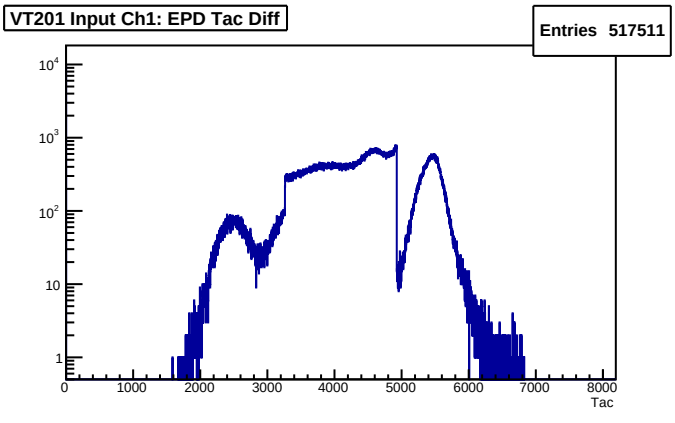

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

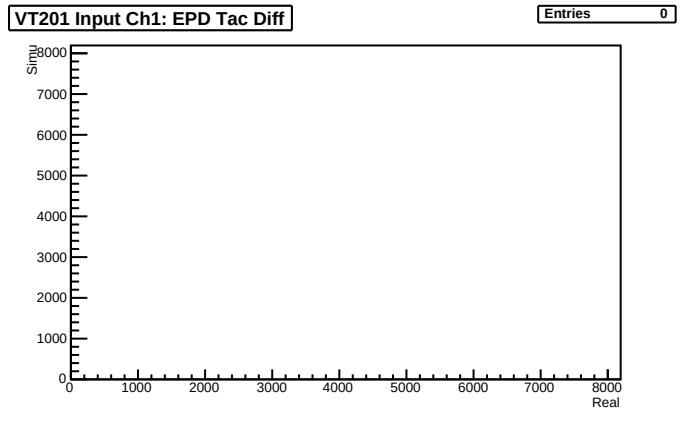

VT201 Input Ch0: BBC Small Tac Diff
Entries 517511
Tac

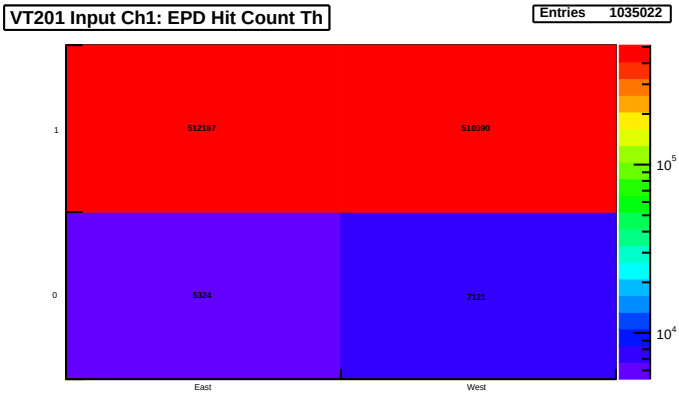

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

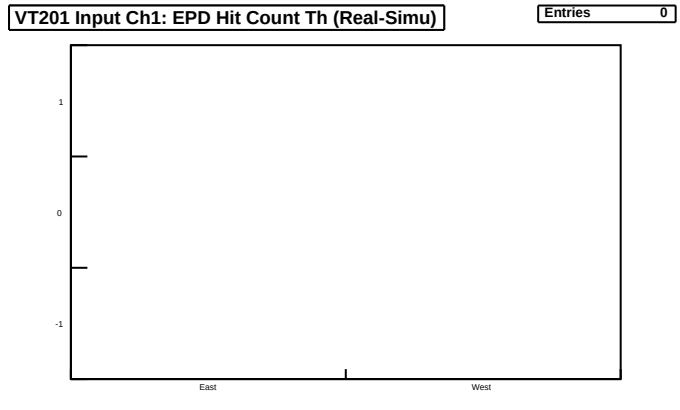

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1035022
337356
437566
180155
79945
East
West

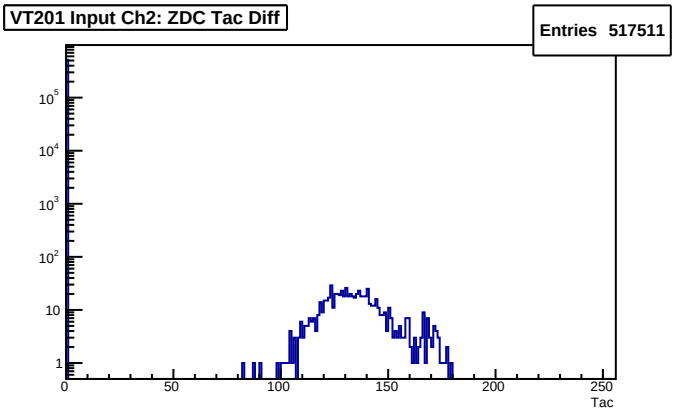

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

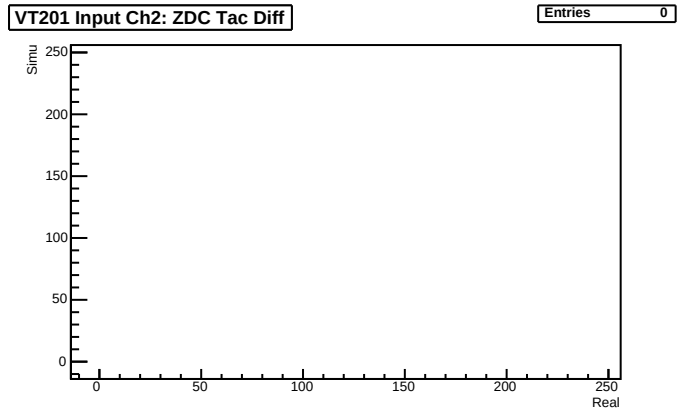

VT201 Input Ch1: EPD Tac Diff
Entries 517511
Tac

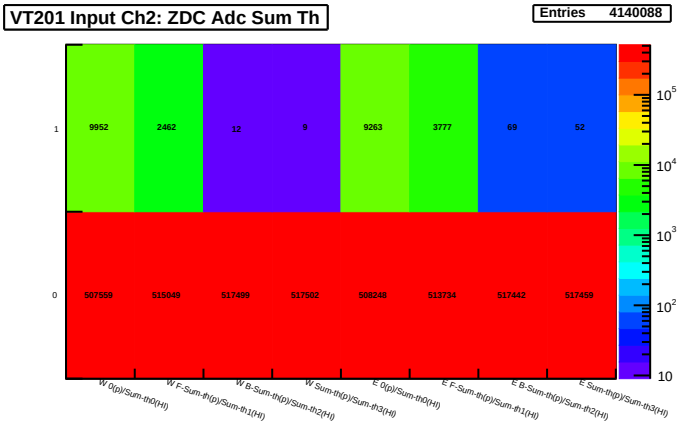

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

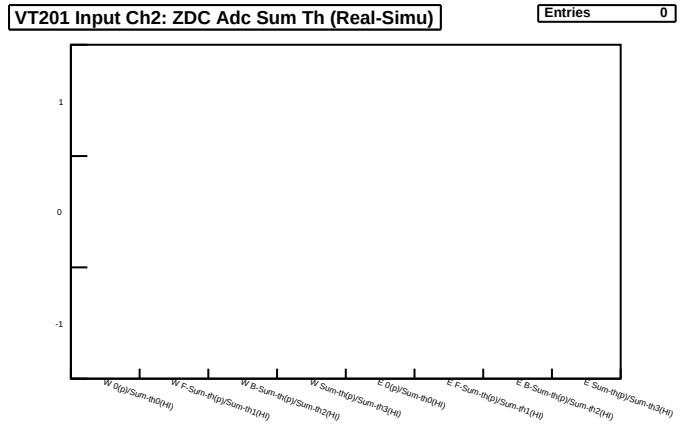

VT201 Input Ch1: EPD Hit Count Th
Entries 1035022
512187
510390
5324
7121
East
West

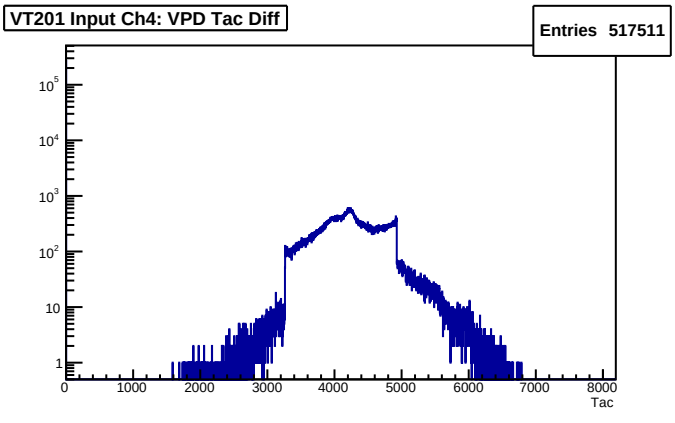

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

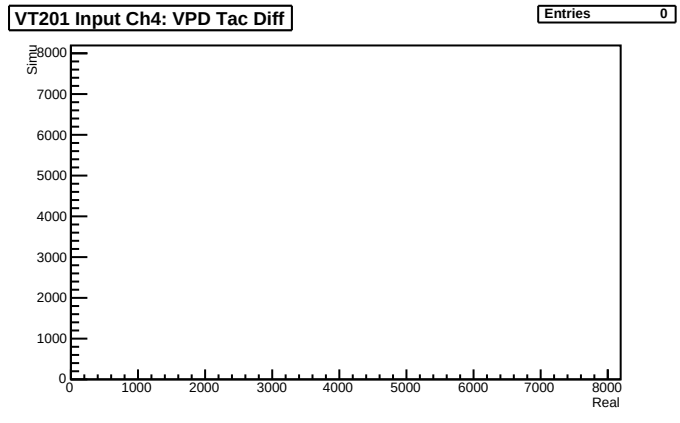

VT201 Input Ch2: ZDC Tac Diff
Entries 517511
Tac

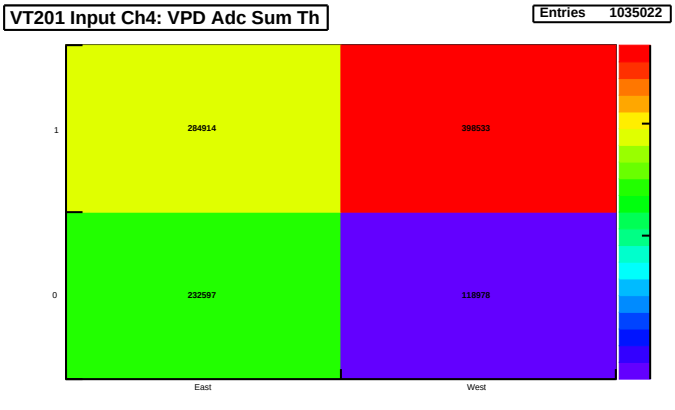

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

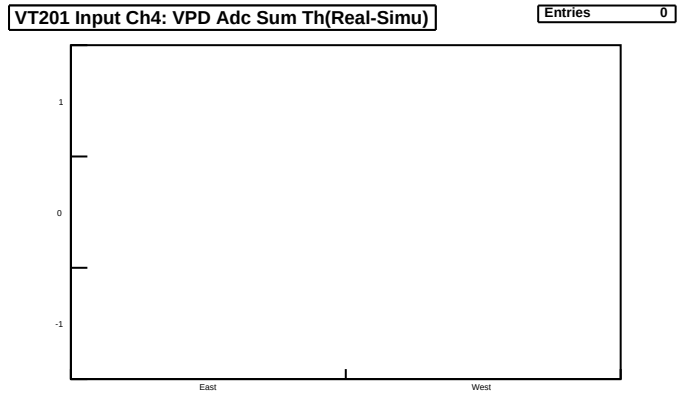

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4140088
9952
2462
12
9
9263
3777
69
52
507559
515049
517499
517502
508248
513734
517442
517459
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

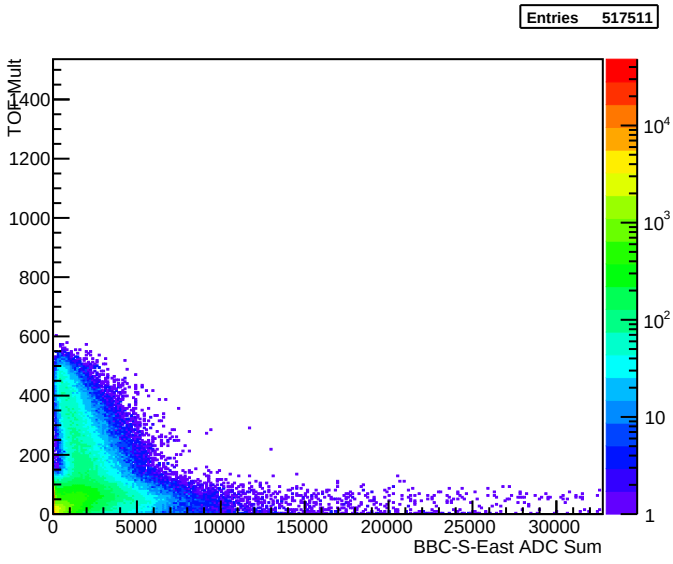

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

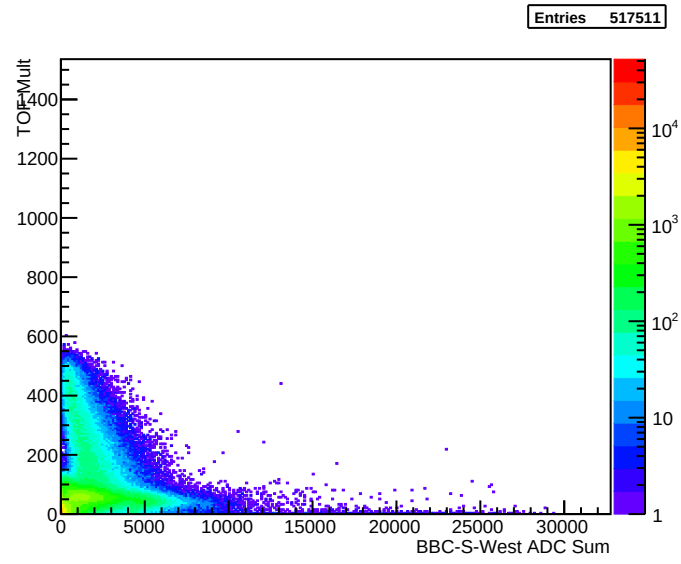

VT201 Input Ch4: VPD Tac Diff
Entries 517511
Tac

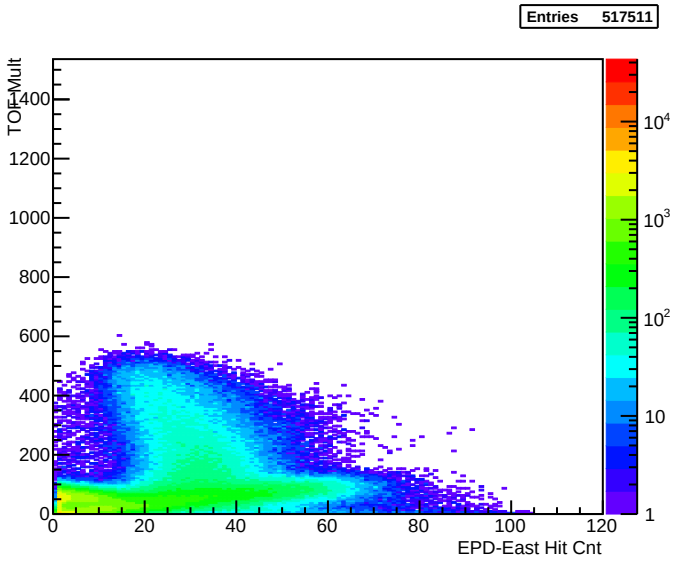

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

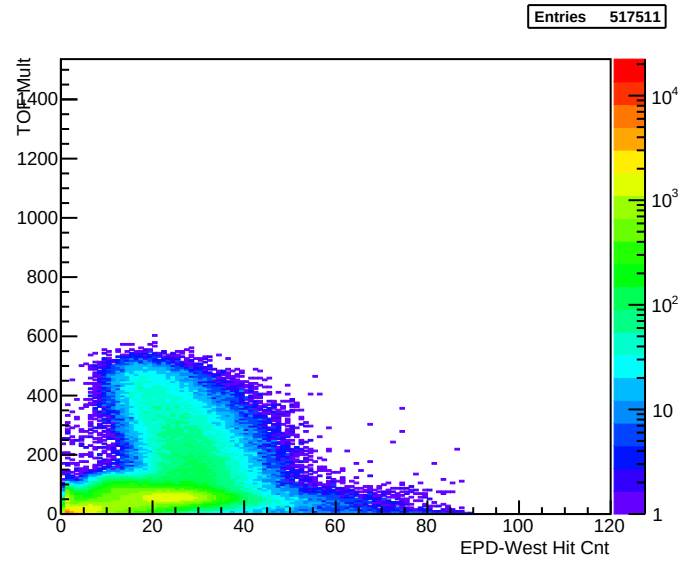

VT201 Input Ch4: VPD Adc Sum Th
Entries 1035022
284914
398533
232597
118978
East
West

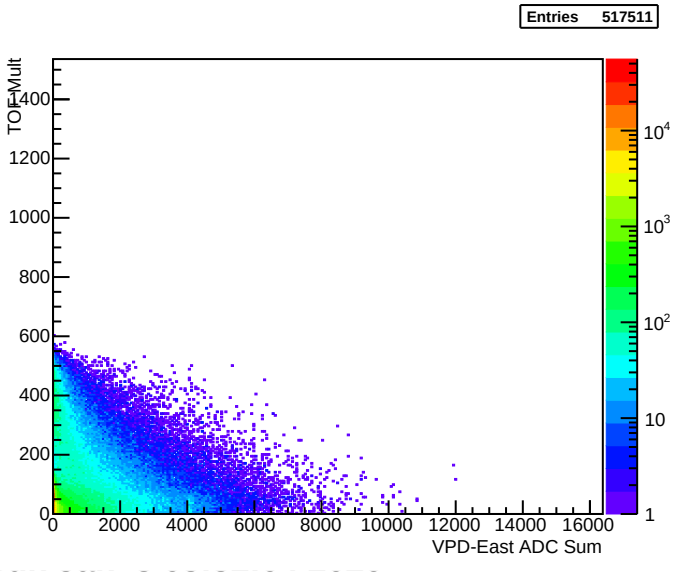

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

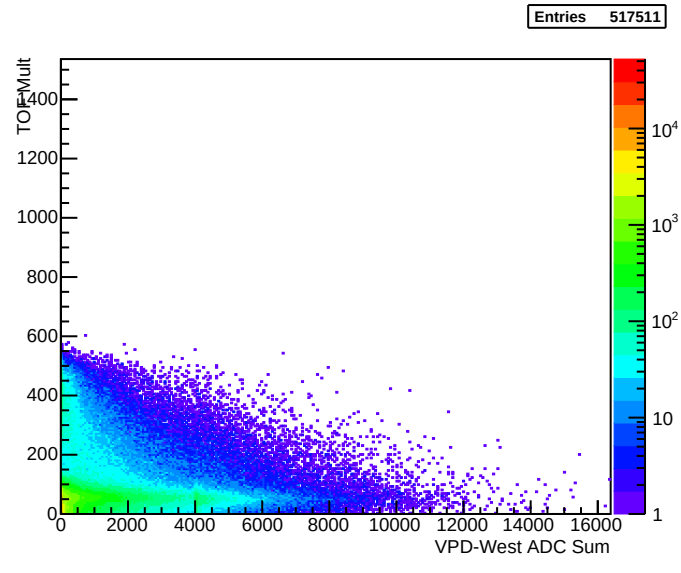

Entries 517511
TOF-Mult
BBC-S-East ADC Sum

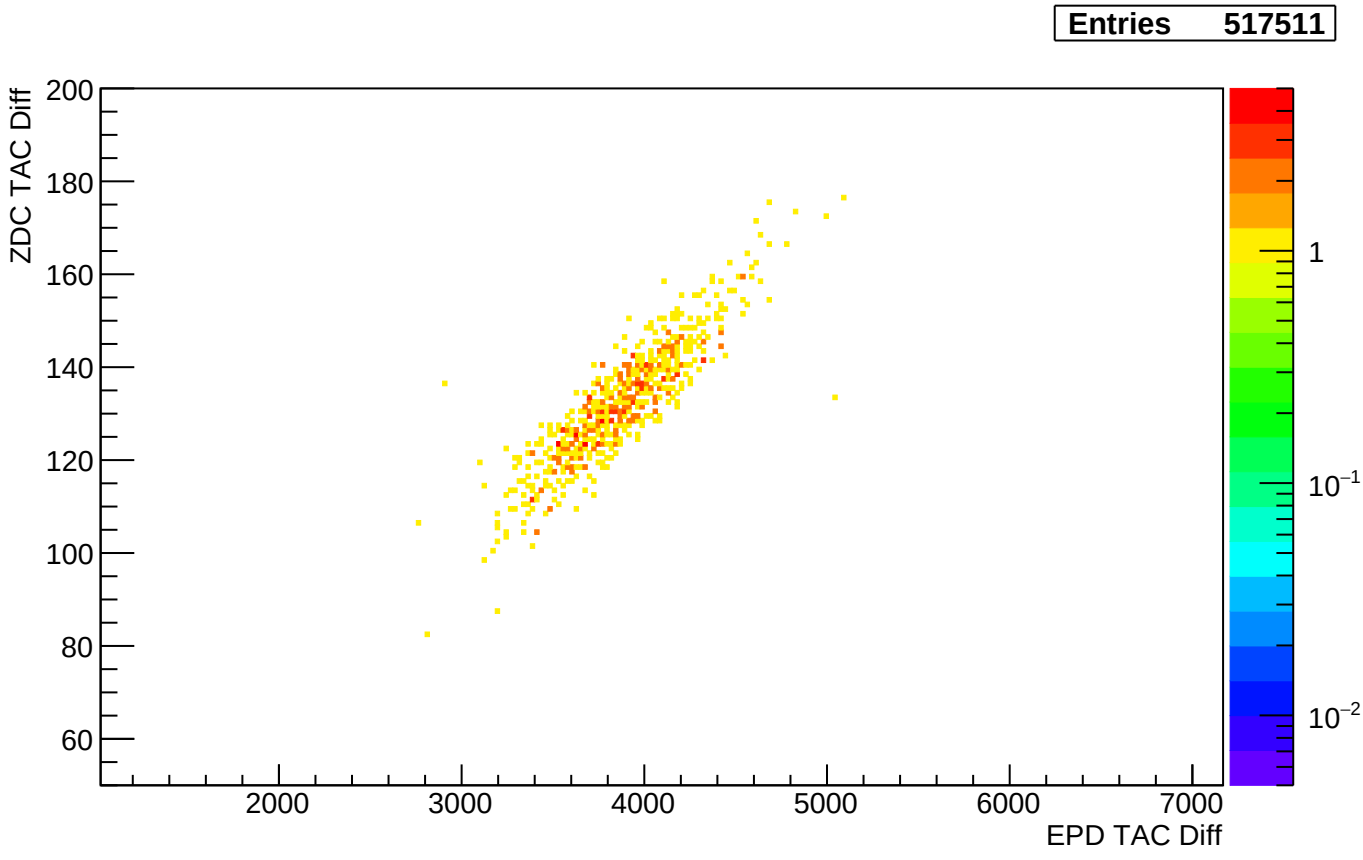

Entries 517511
TOF-Mult
BBC-S-West ADC Sum

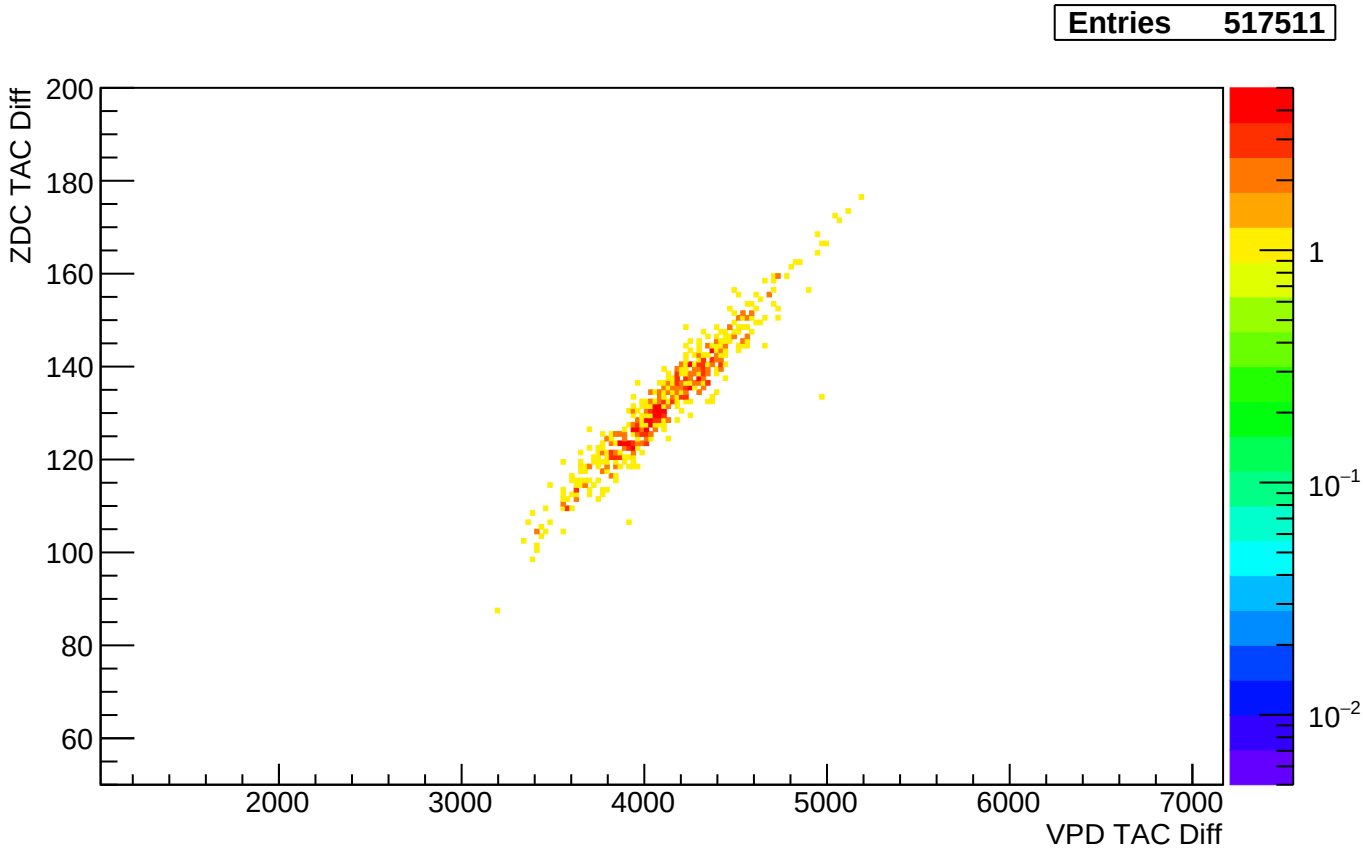

Entries 517511
TOF-Mult
EPD-East Hit Cnt

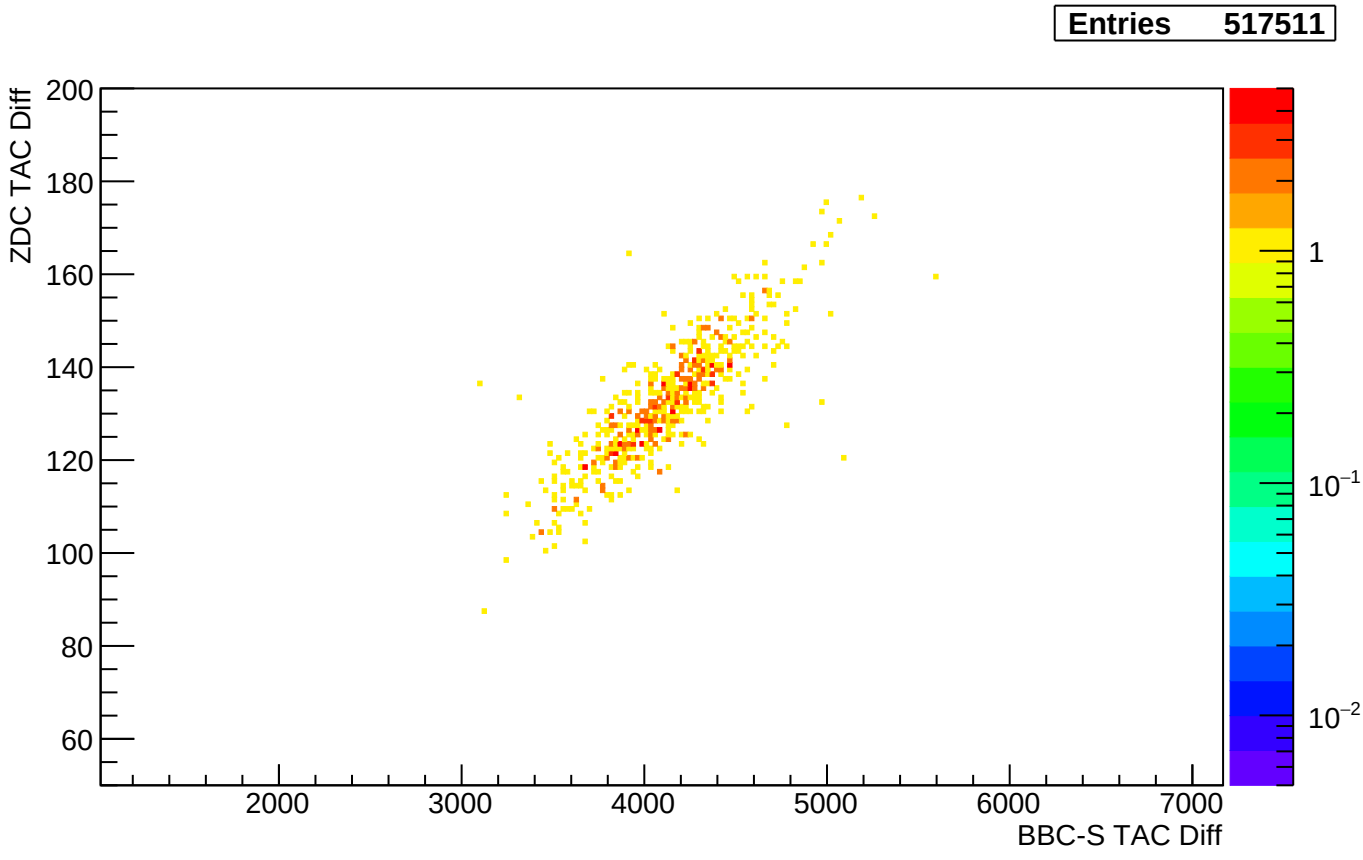

Entries 517511
TOF-Mult
EPD-West Hit Cnt

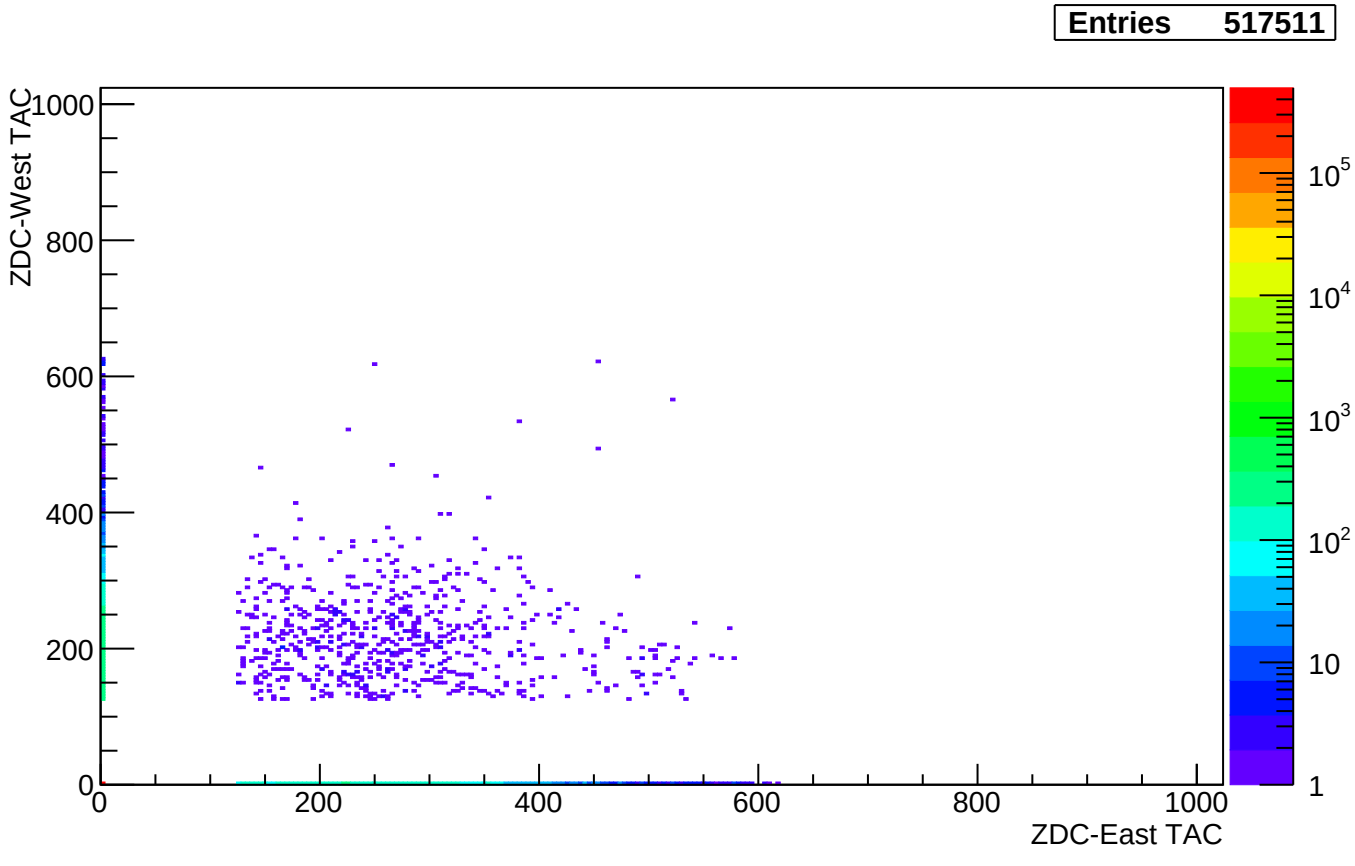

Entries 517511
TOF-Mult
VPD-East ADC Sum

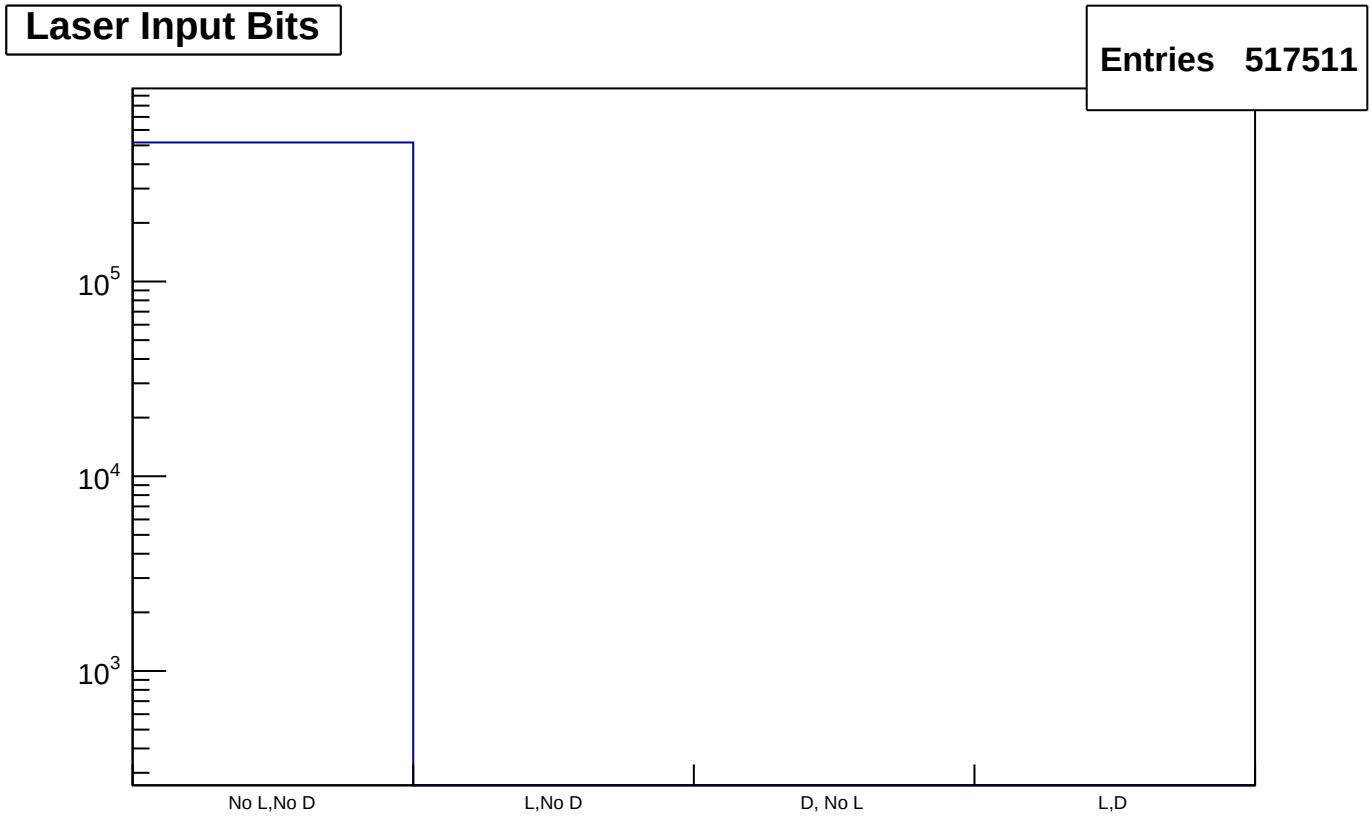

Entries 517511
TOF-Mult
VPD-West ADC Sum

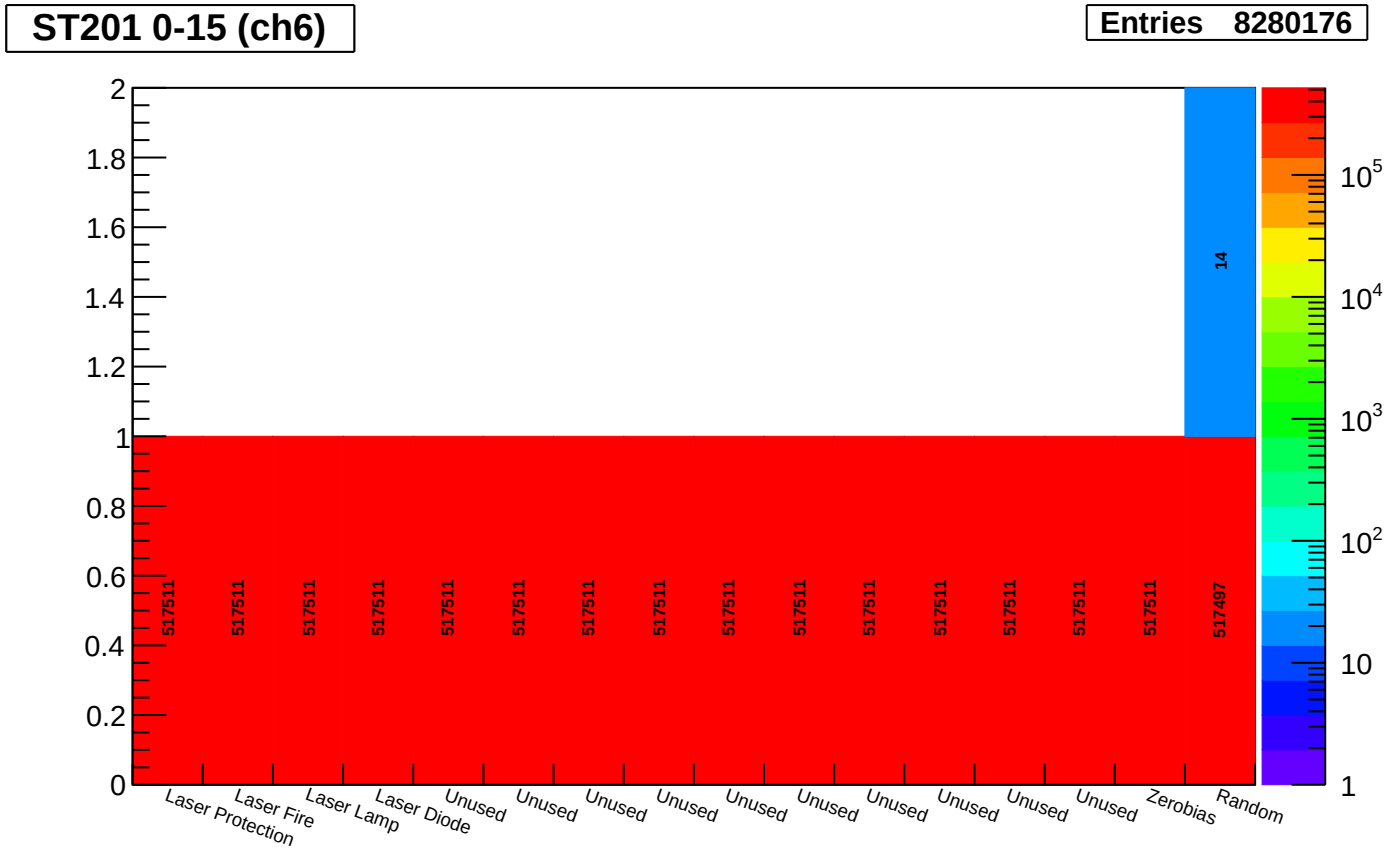

Entries 517511
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

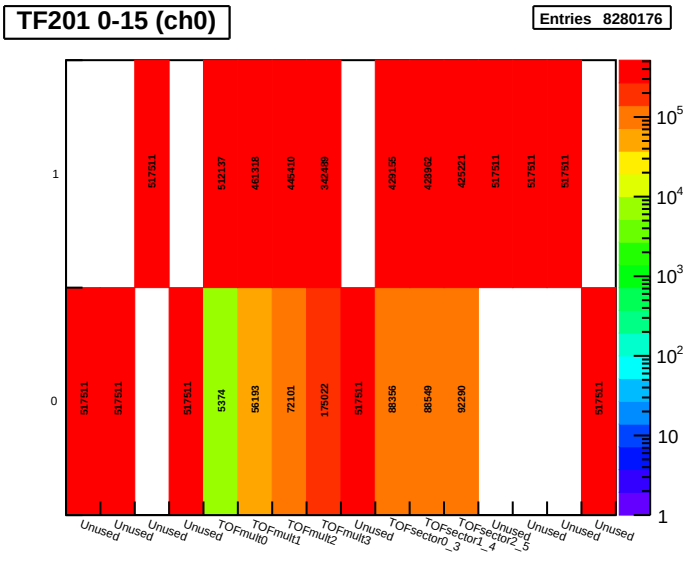

Entries 517511
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

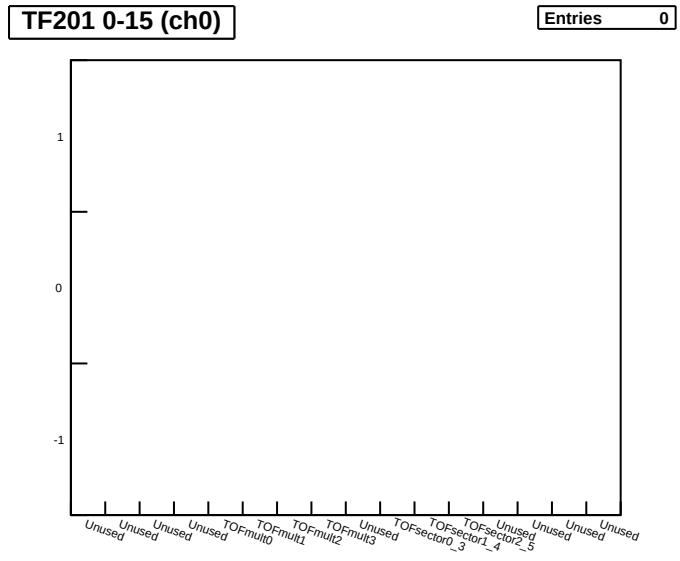

Entries 517511
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

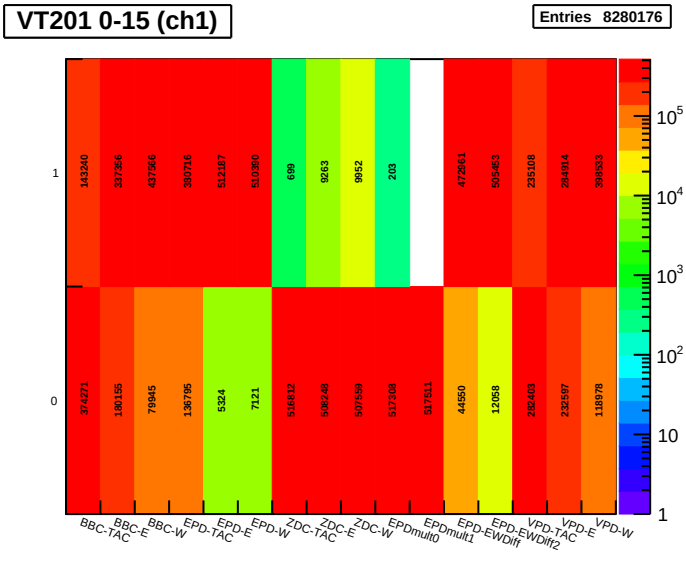

Entries 517511
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

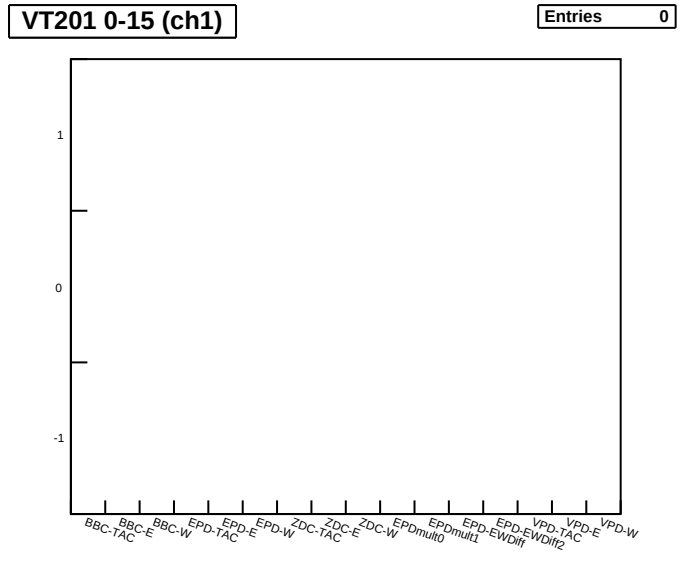

Laser Input Bits
Entries 517511
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

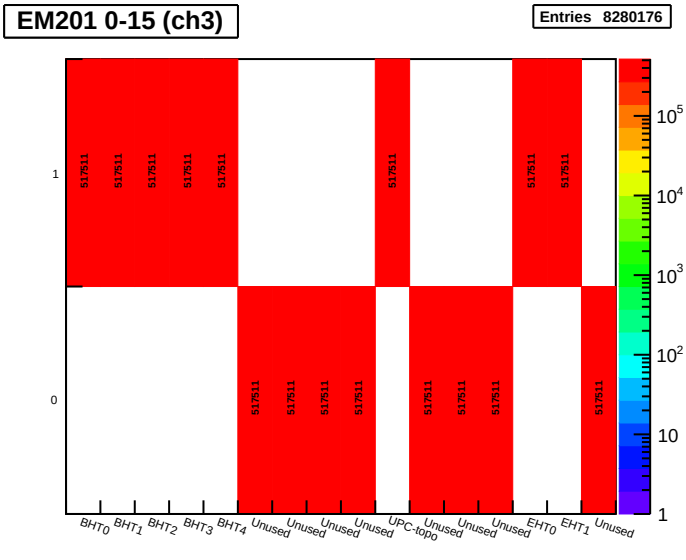

ST201 0-15 (ch6)
Entries 8280176
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
517511
517497
$10^5$
$10^4$
$10^3$
$10^2$
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

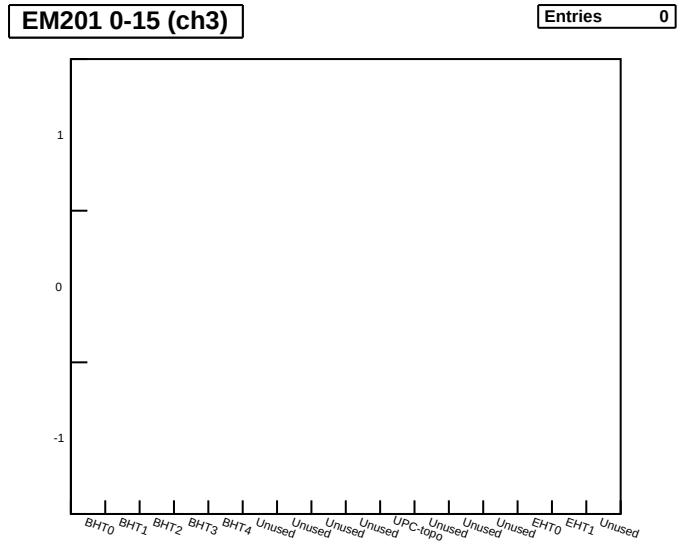

TF201 0-15 (ch0)
Entries 8280176
1
0
517511 517511 517511 517511 512137 461318 445410 342489 429155 428962 425221 517511 517511 517511
517511 517511 517511 5374 56193 72101 175022 517511 88356 88549 92290 517511
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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


VT201 0-15 (ch1)
Entries 8280176
1
0
143240 337356 437566 380716 512187 510390 699 9263 9952 203 472961 505453 235108 284914 398533
374271 180155 79945 136795 5324 7121 516812 508248 507559 517308 517511 44550 12068 282403 232597 118978
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 8280176
1
0
517511 517511 517511 517511 517511 517511 517511 517511
517511 517511 517511 517511 517511 517511 517511 517511
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