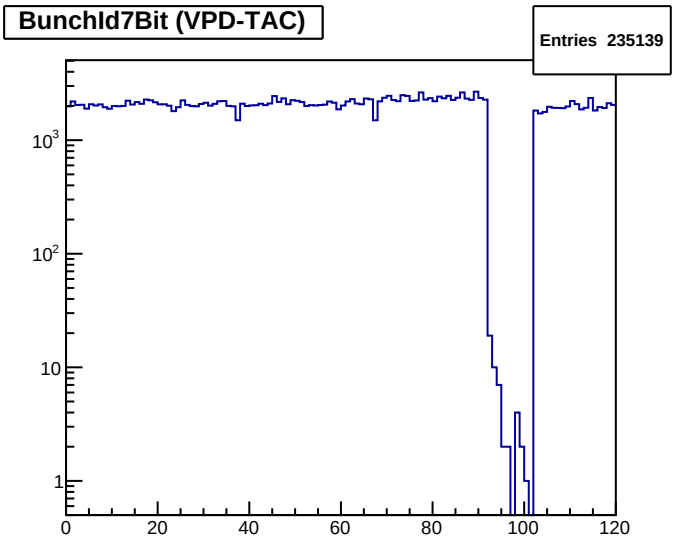
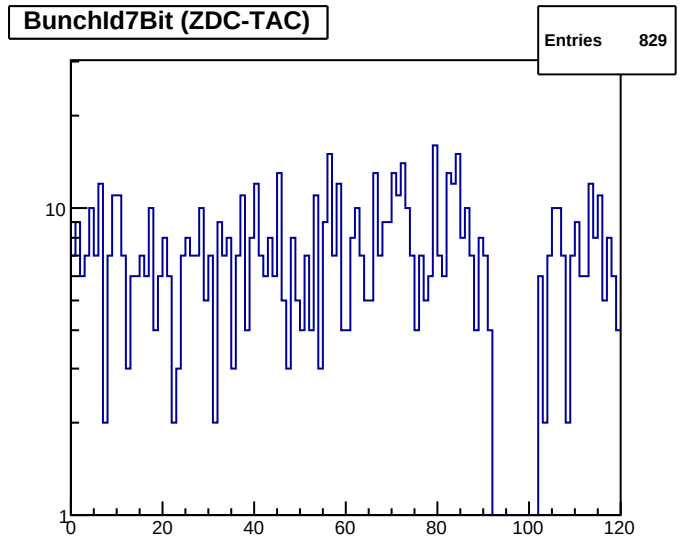
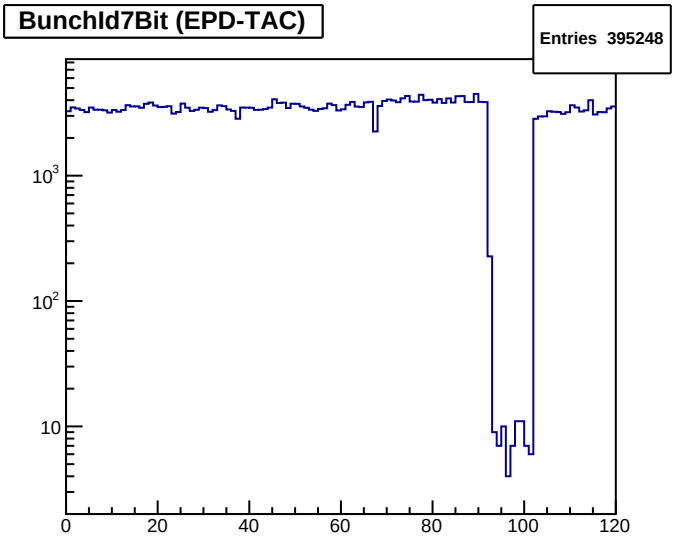
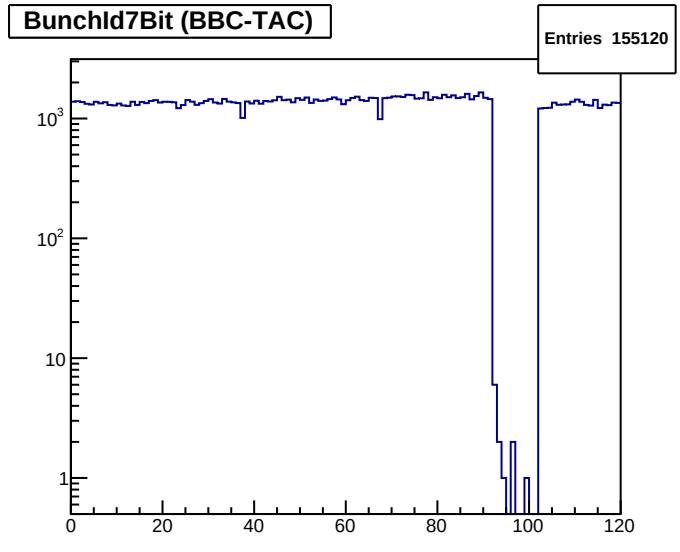
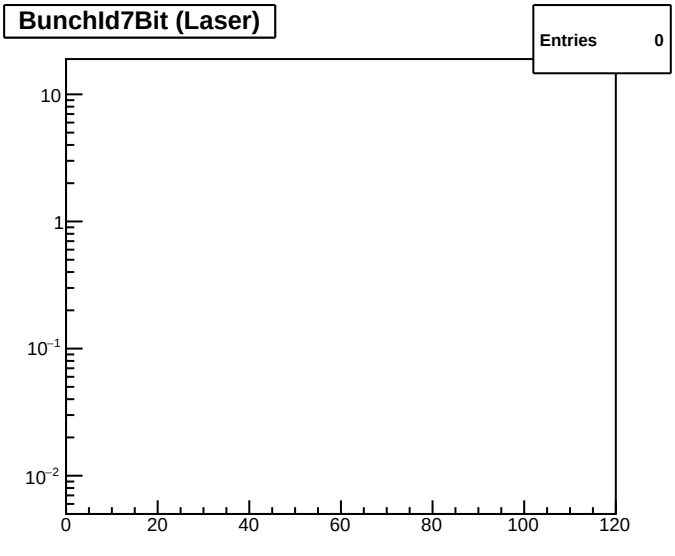
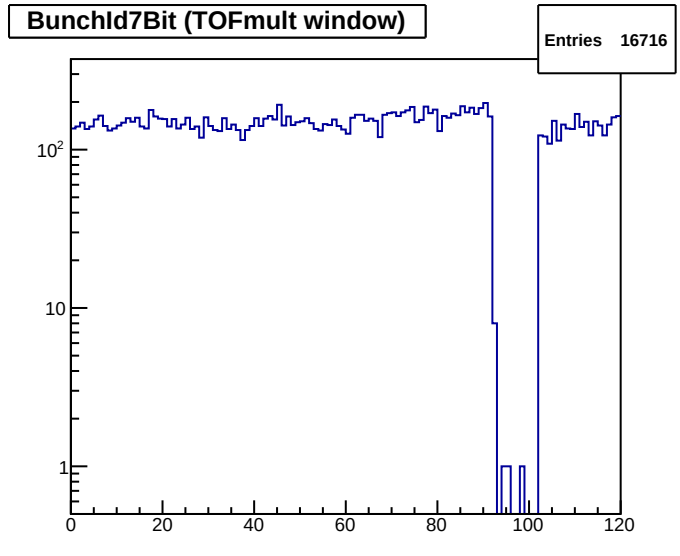

BunchId7Bit (VPD-TAC)
Entries 235139

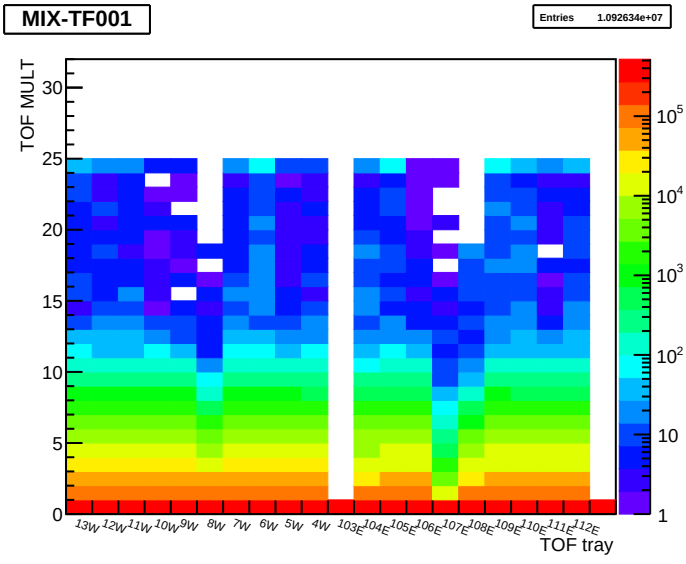

BunchId7Bit (ZDC-TAC)
Entries 829

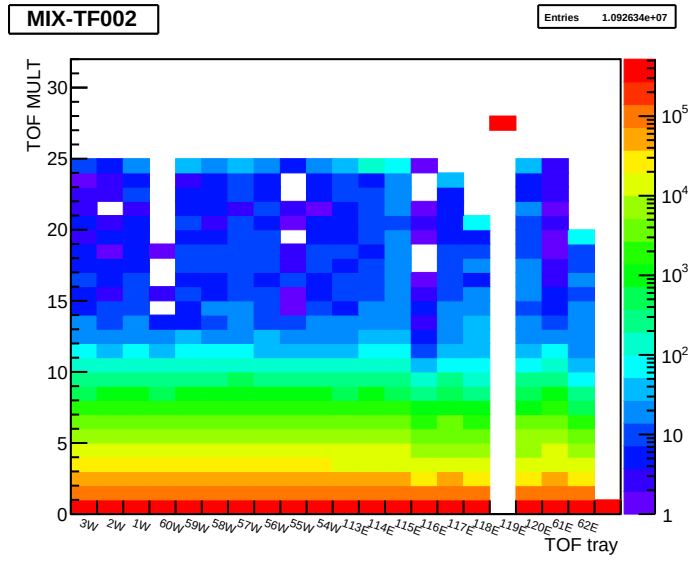

BunchId7Bit (EPD-TAC)
Entries 395248

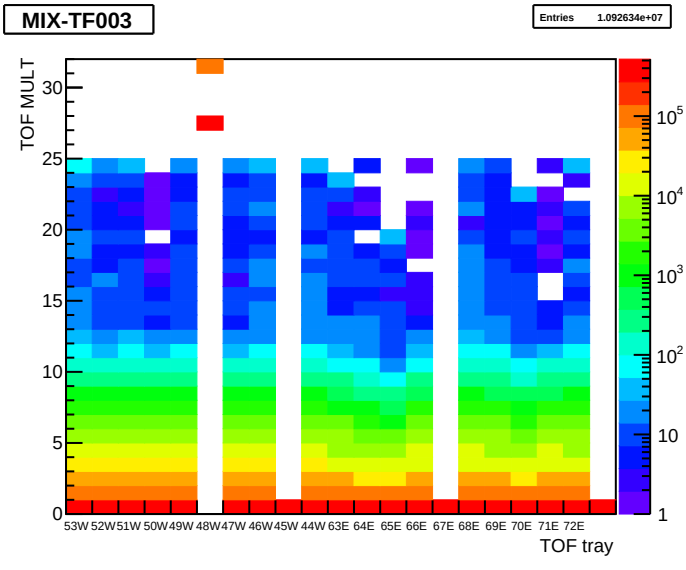

BunchId7Bit (BBC-TAC)
Entries 155120

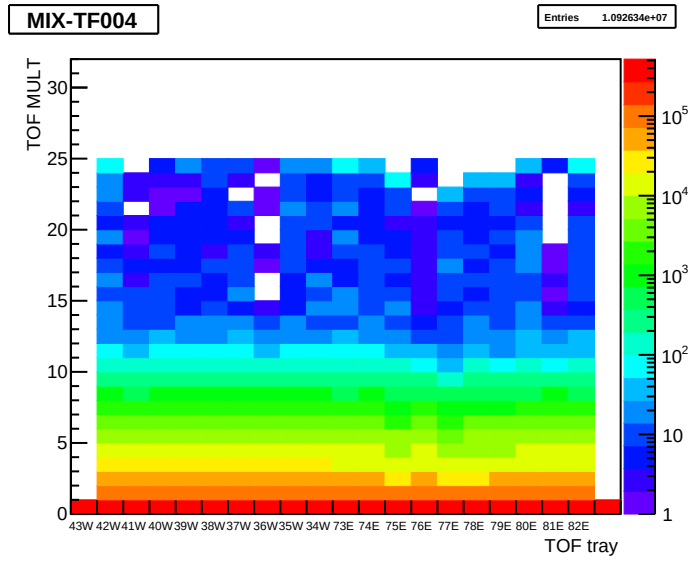

BunchId7Bit (Laser)
Entries 0

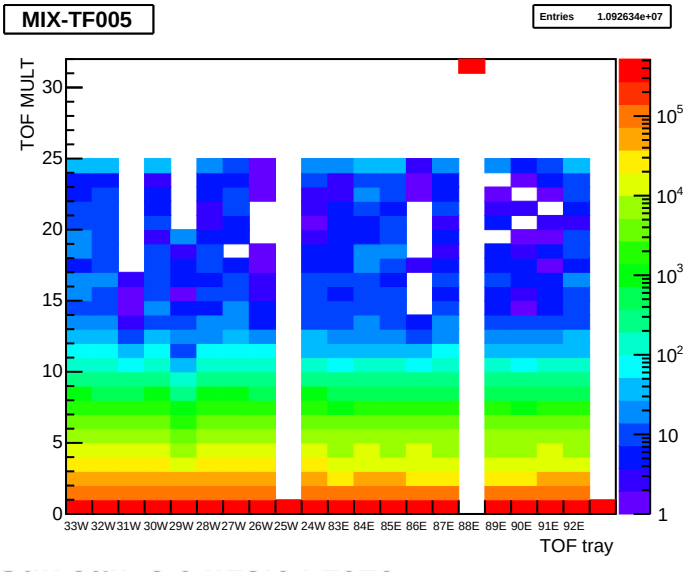

BunchId7Bit (TOFmult window)
Entries 16716

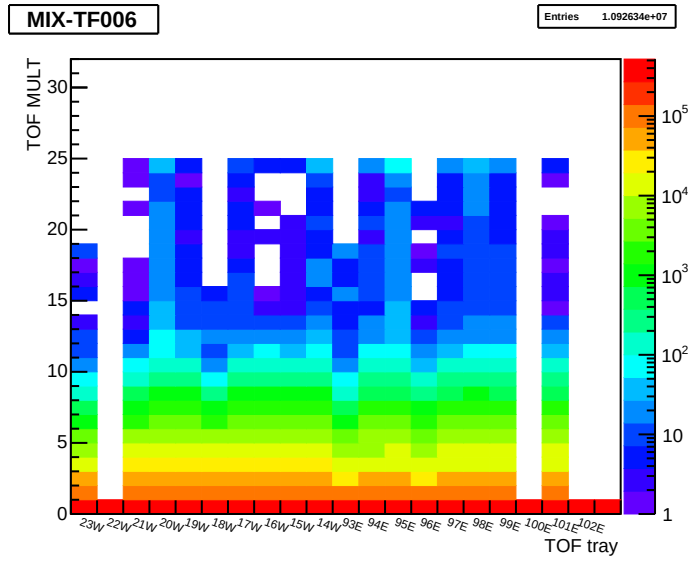

MIX-TF001
Entries 1.092634e+07
TOF MULT
TOF tray

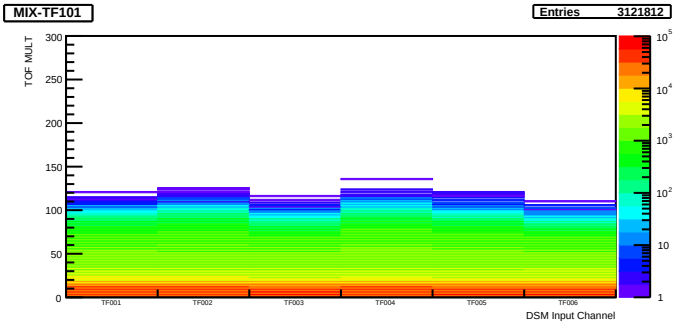

MIX-TF002
Entries 1.092634e+07
TOF MULT
TOF tray

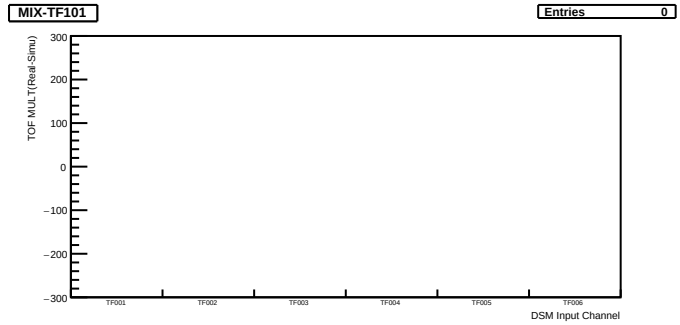

MIX-TF003
Entries 1.092634e+07
TOF MULT
TOF tray

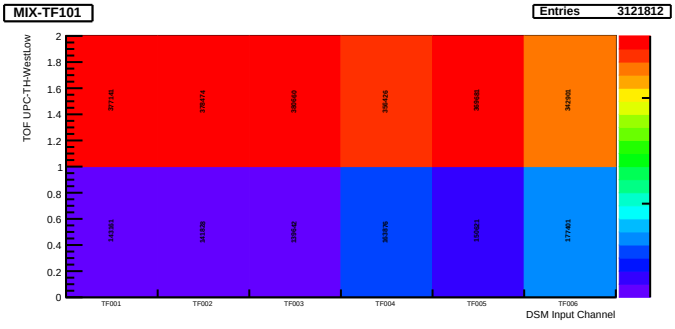

MIX-TF004
Entries 1.092634e+07
TOF MULT
TOF tray

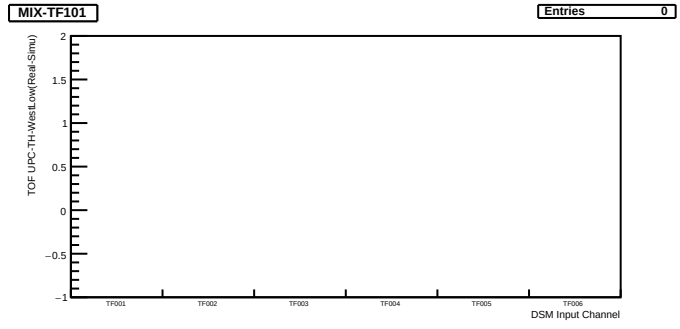

MIX-TF005
Entries 1.092634e+07
TOF MULT
TOF tray

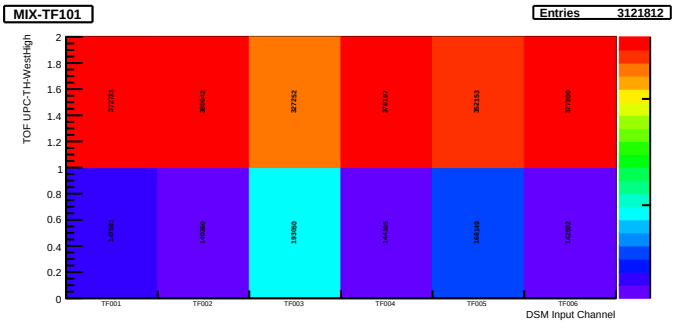

MIX-TF006
Entries 1.092634e+07
TOF MULT
TOF tray

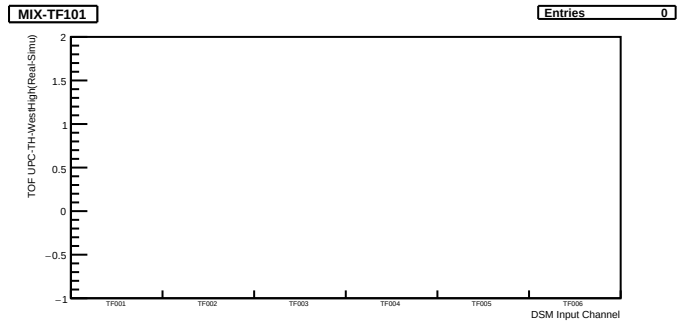

MIX-TF101
Entries 3121812
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

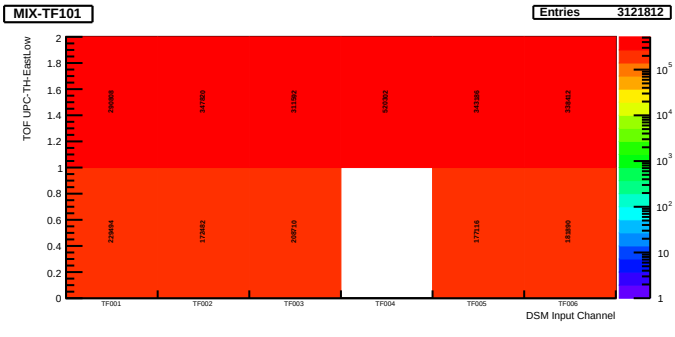

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

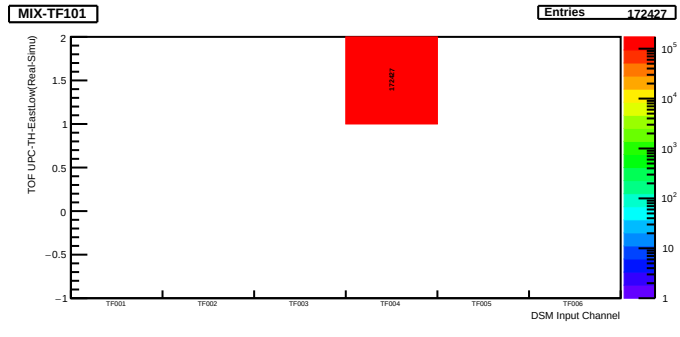

MIX-TF101
Entries 3121812
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

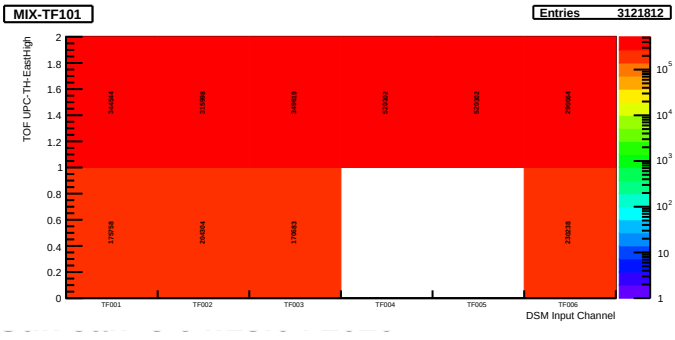

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

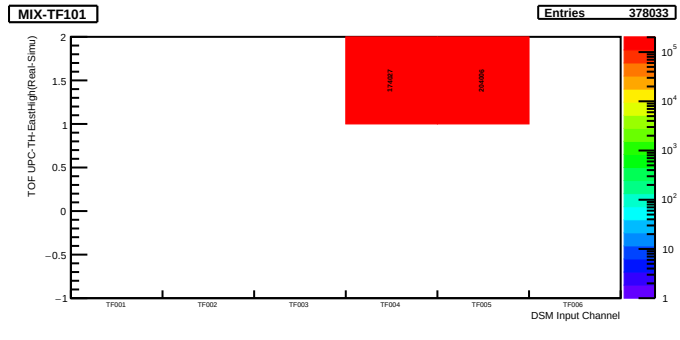

MIX-TF101
Entries 3121812
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

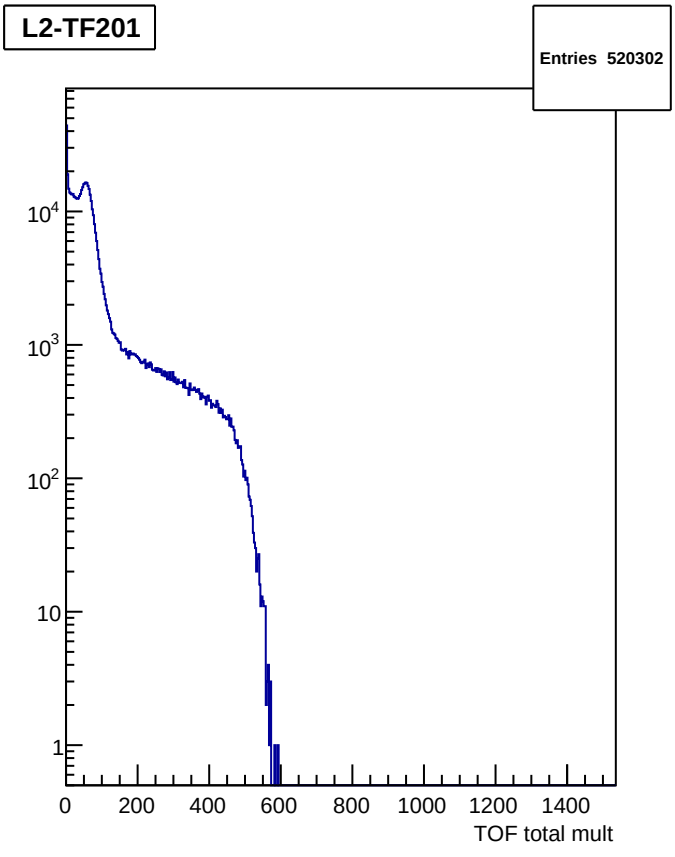

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

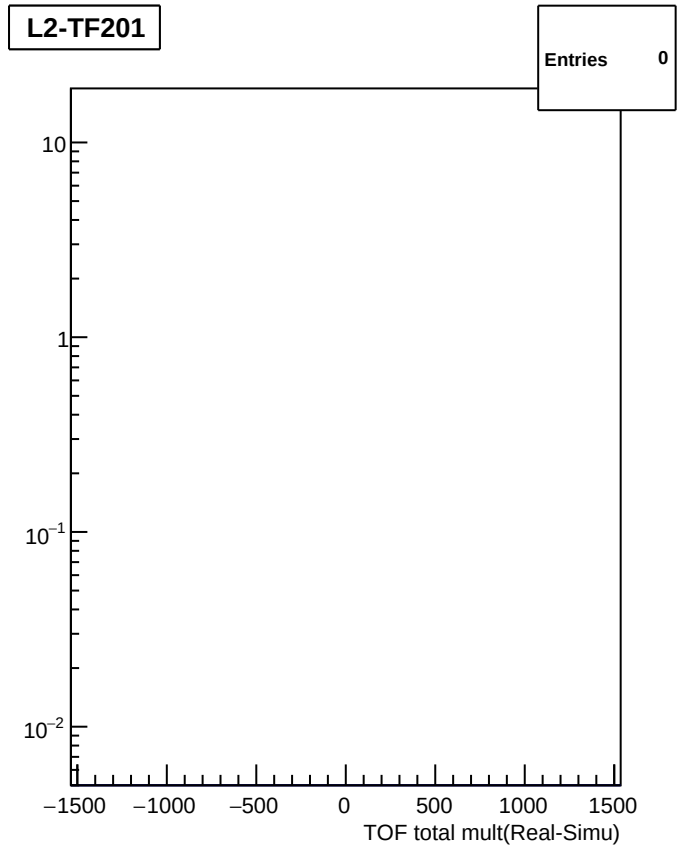

MIX-TF101
Entries 3121812
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

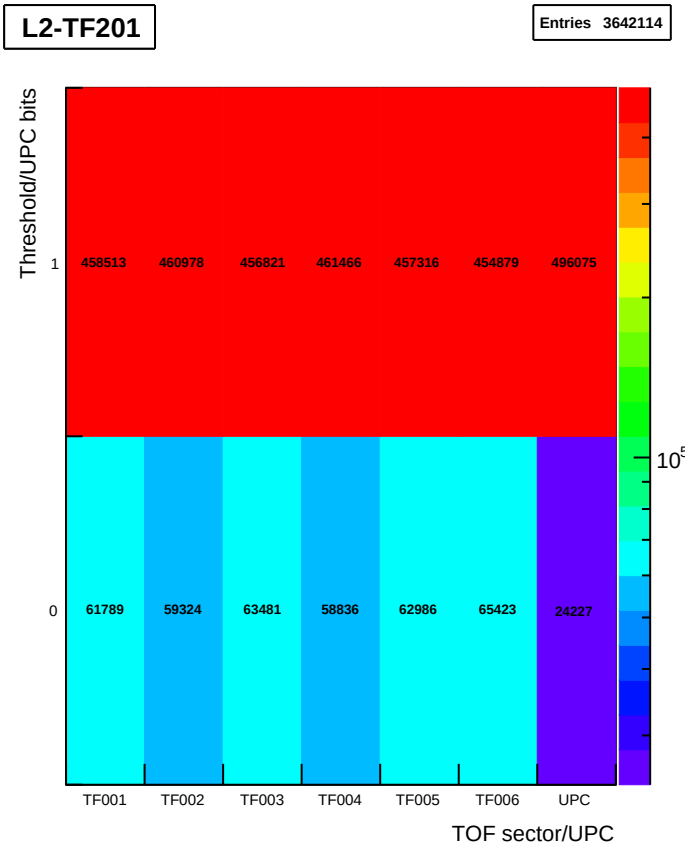

MIX-TF101
Entries 172427
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

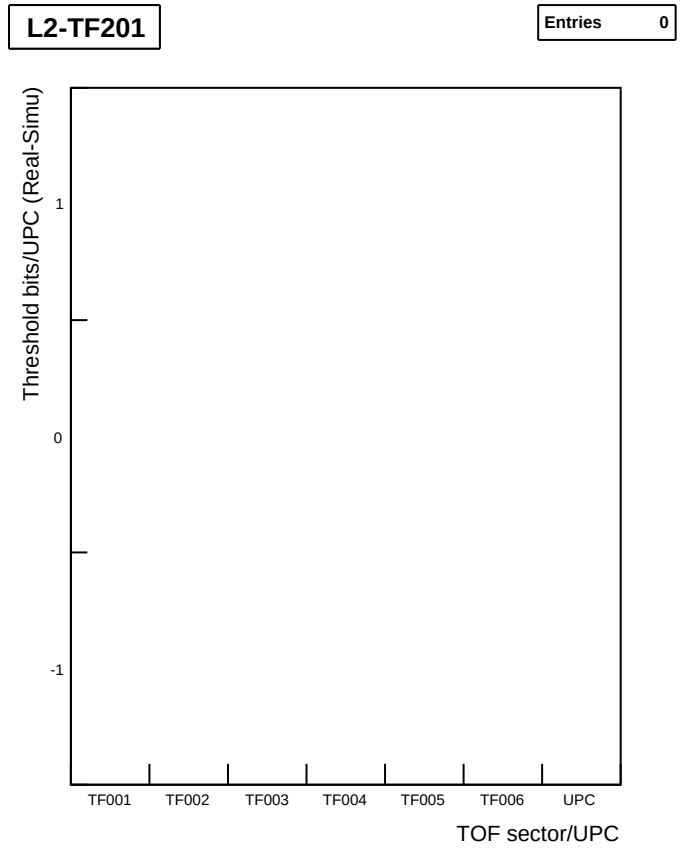

MIX-TF101
Entries 3121812
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

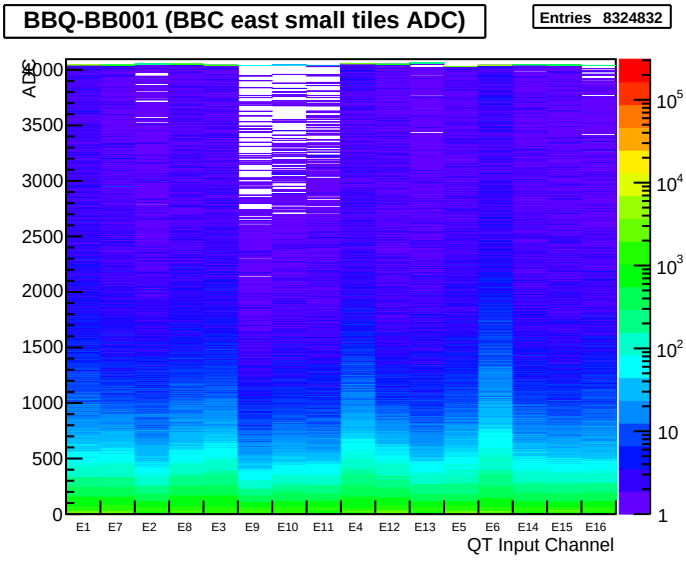

MIX-TF101
Entries 378033
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

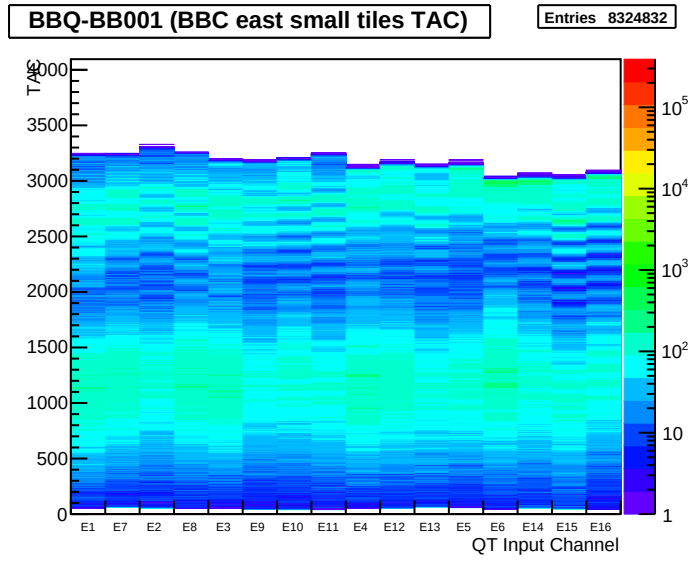

L2-TF201
Entries 520302
TOF total mult

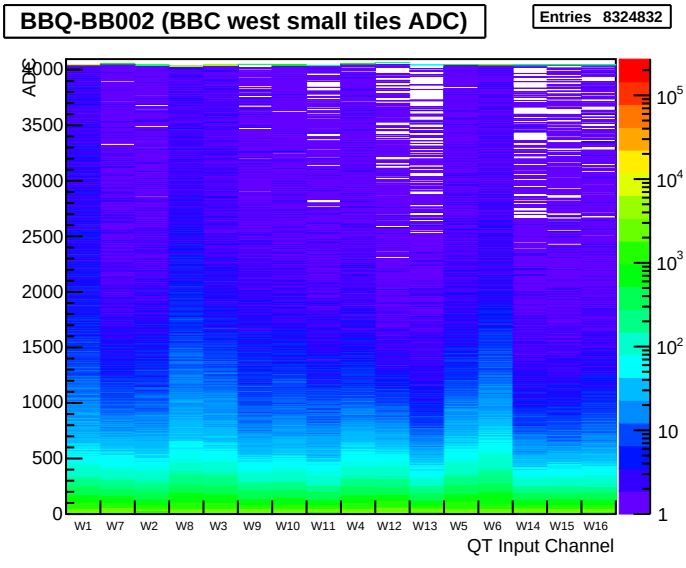

L2-TF201
Entries 0
TOF total mult(Real-Simu)

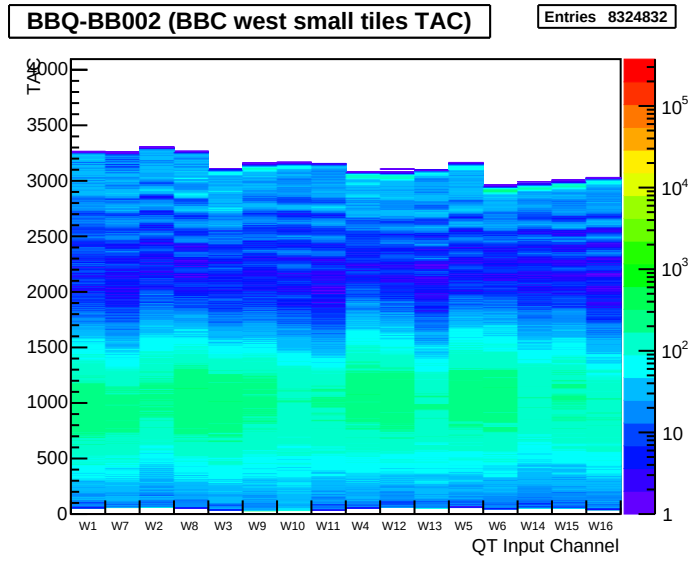

L2-TF201
Entries 3642114
Threshold/UPC bits
458513
460978
456821
461466
457316
454879
496075
61789
59324
63481
58836
62986
65423
24227
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

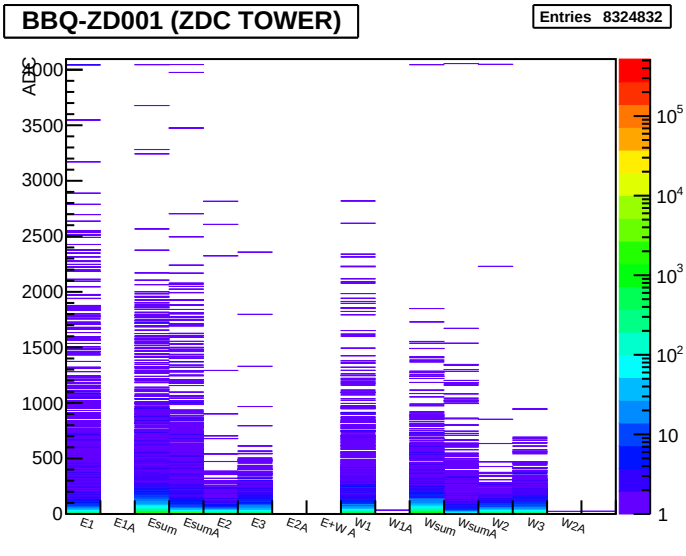

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

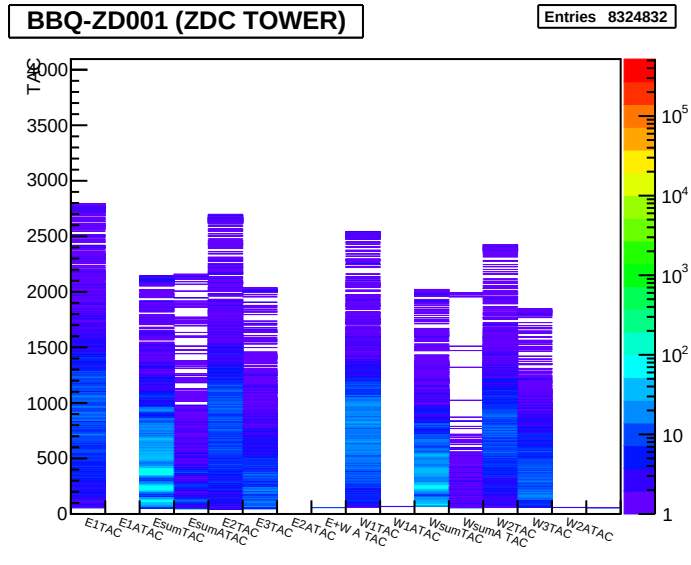

BBQ-BB001 (BBC east small tiles ADC)
Entries 8324832
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

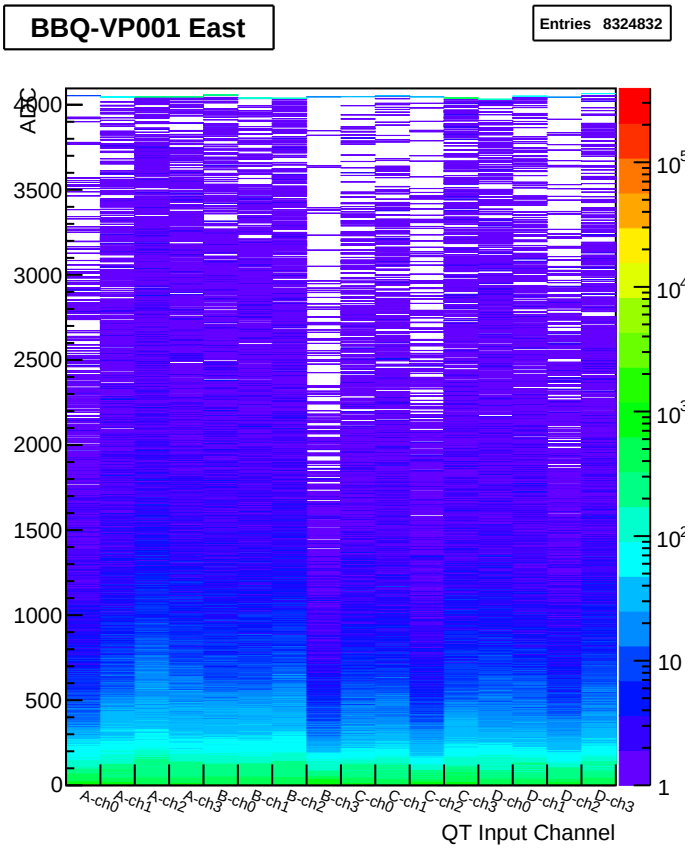

BBQ-BB001 (BBC east small tiles TAC)
Entries 8324832
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

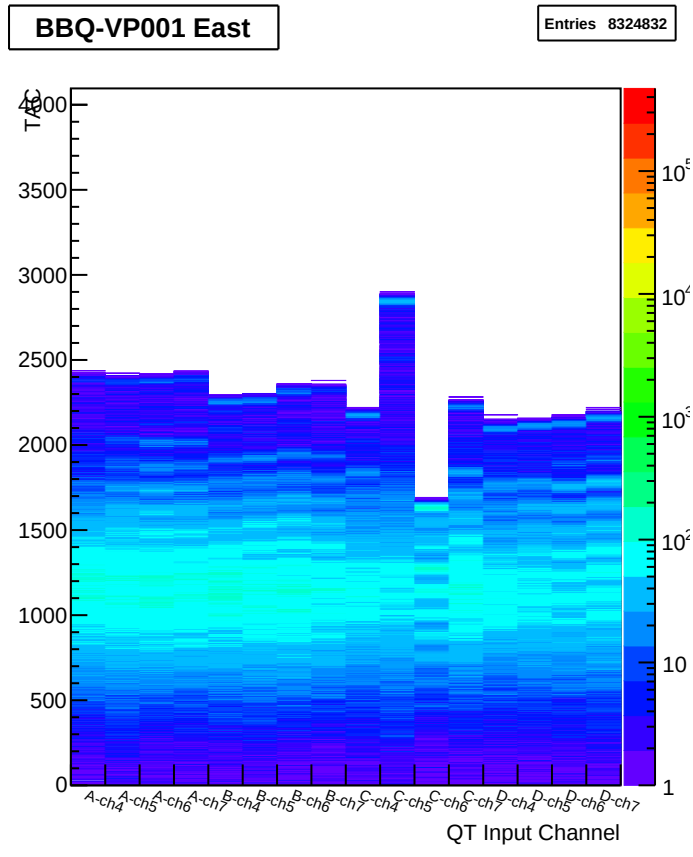

BBQ-BB002 (BBC west small tiles ADC)
Entries 8324832
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

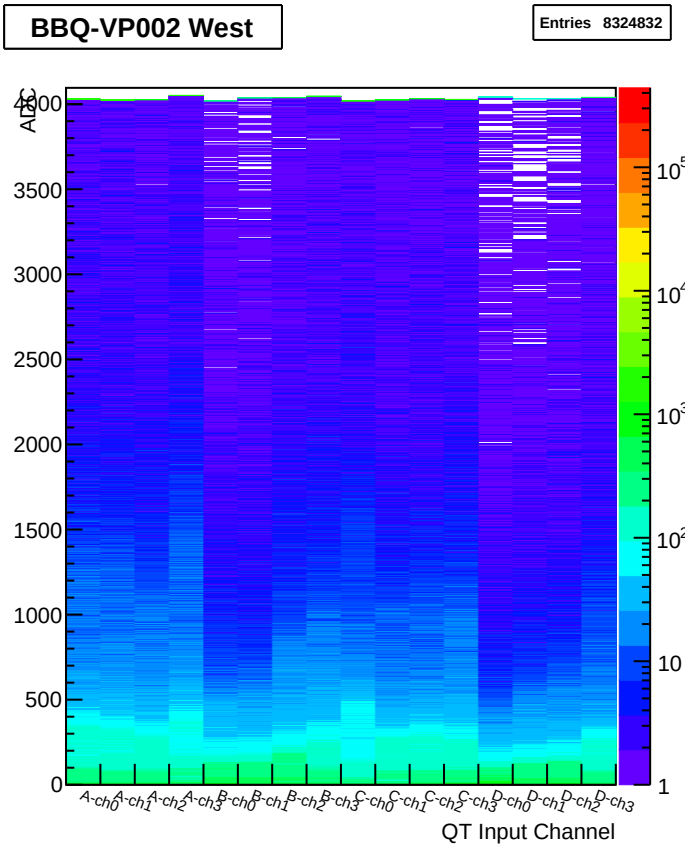

BBQ-BB002 (BBC west small tiles TAC)
Entries 8324832
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

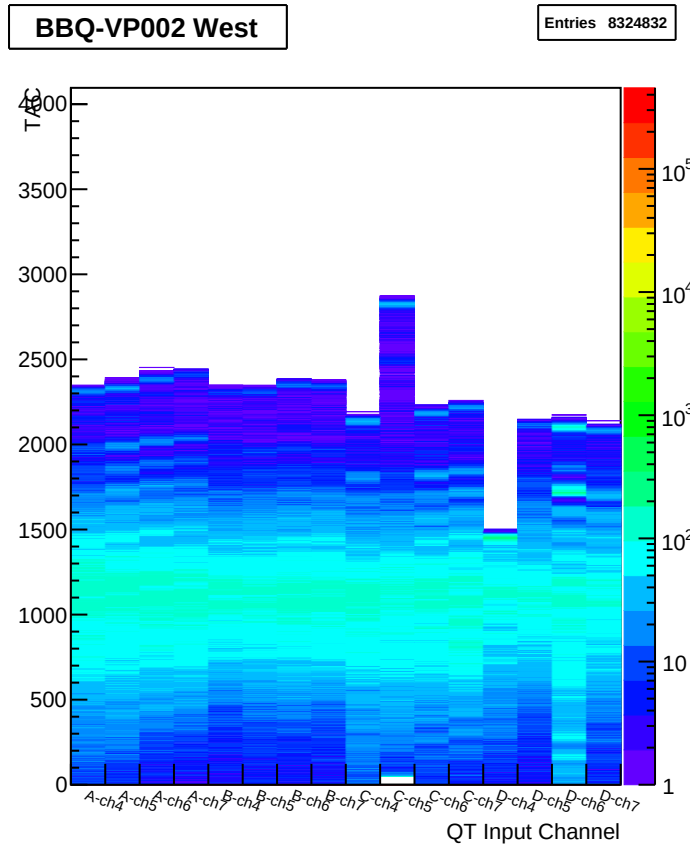

BBQ-ZD001 (ZDC TOWER)
Entries 8324832
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

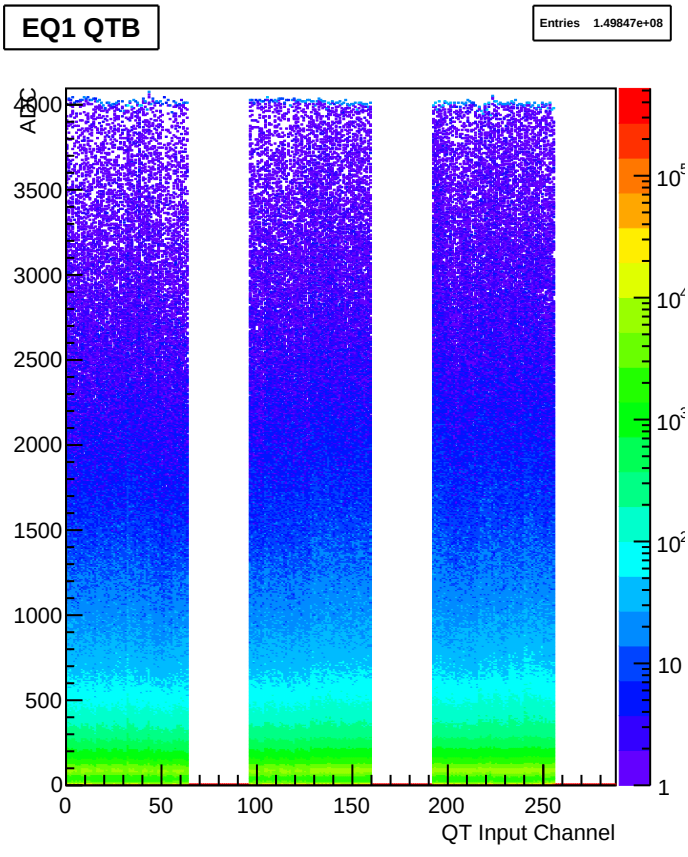

BBQ-ZD001 (ZDC TOWER)
Entries 8324832
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

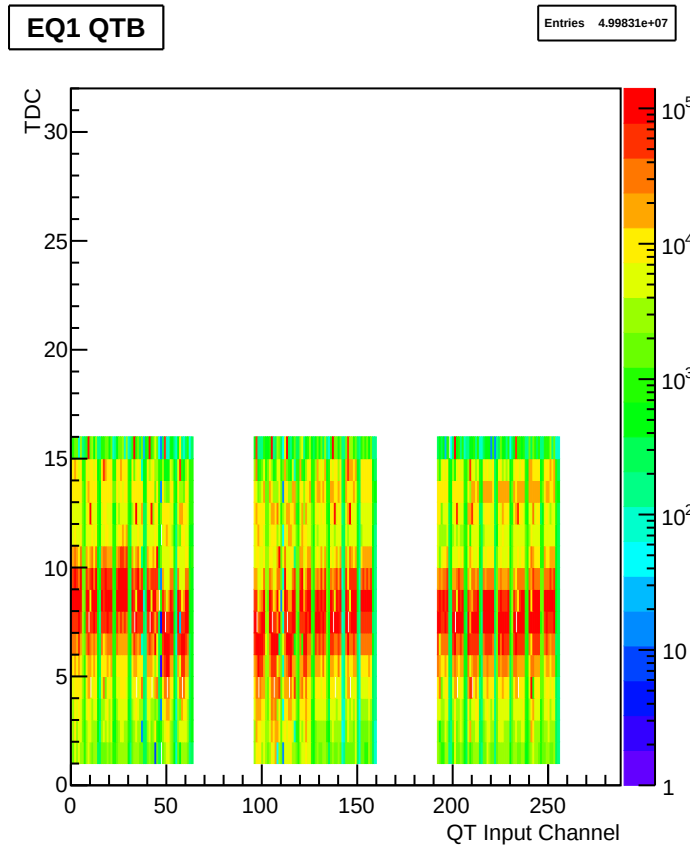

BBQ-VP001 East
Entries 8324832
ADC
QT Input Channel

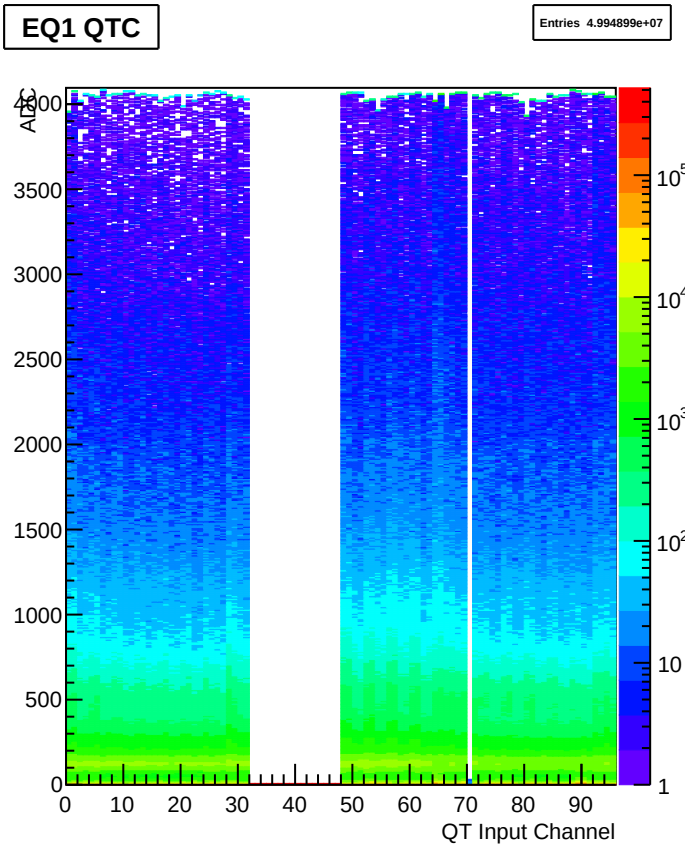

BBQ-VP001 East
Entries 8324832
ADC
QT Input Channel

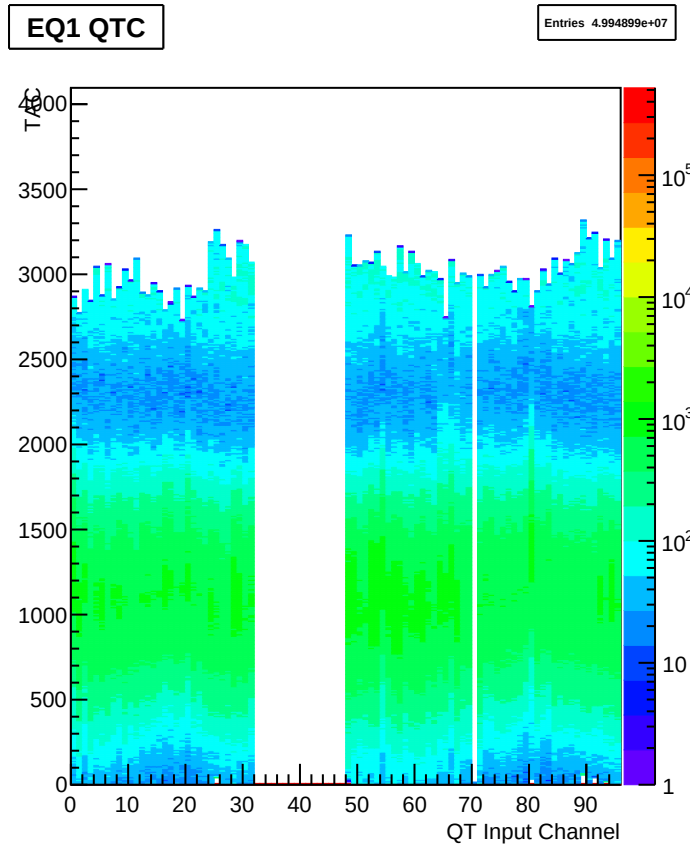

BBQ-VP002 West
Entries 8324832
ADC
QT Input Channel

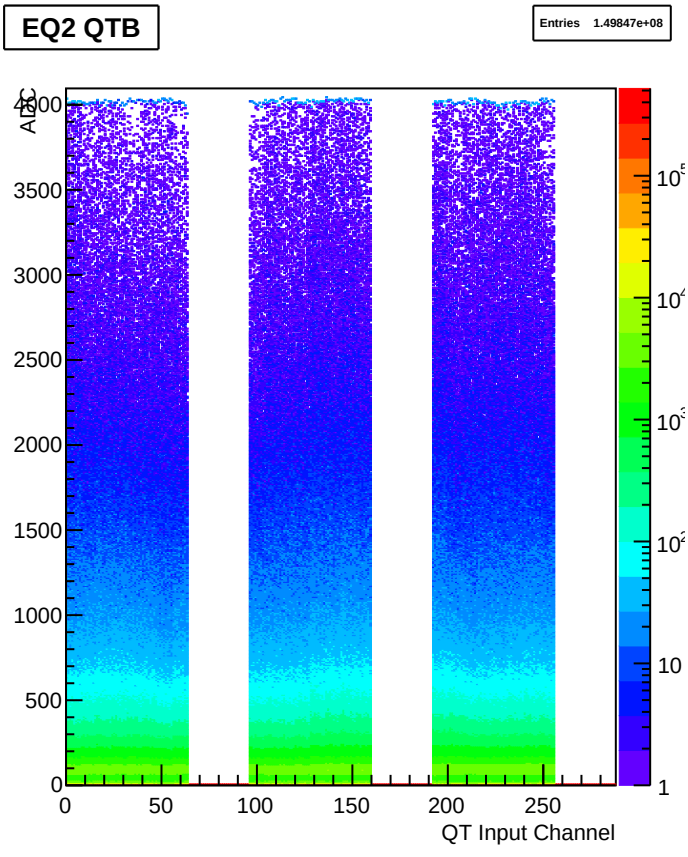

BBQ-VP002 West
Entries 8324832
ADC
QT Input Channel

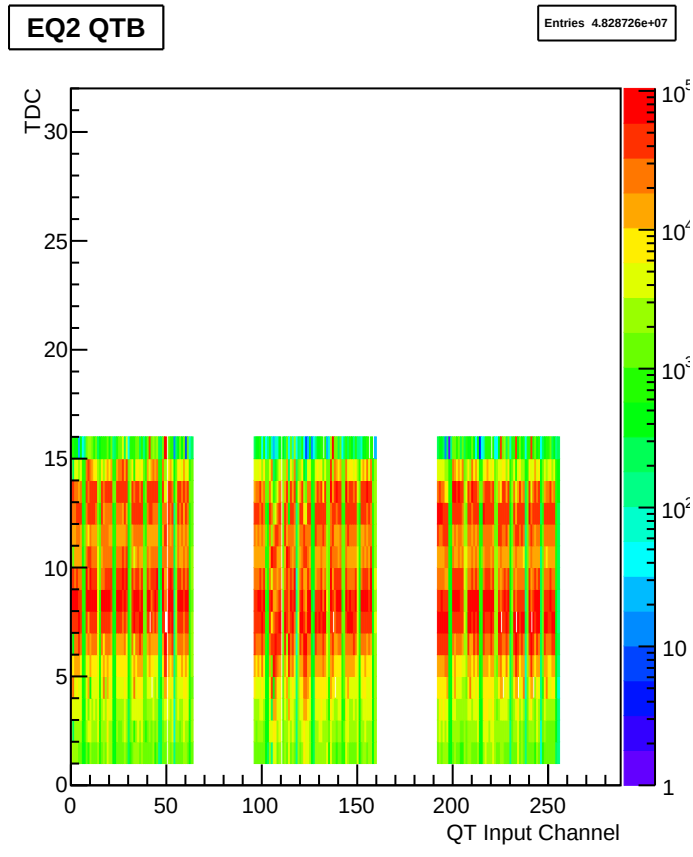

EQ1 QTB
Entries 1.49847e+08
ADC
QT Input Channel

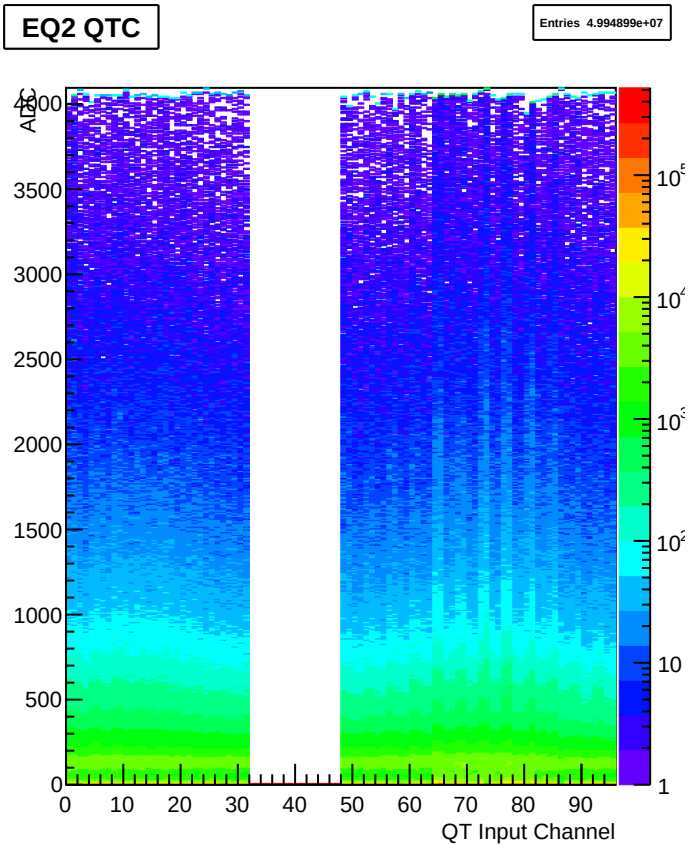

EQ1 QTB
Entries 4.99831e+07
TDC
QT Input Channel

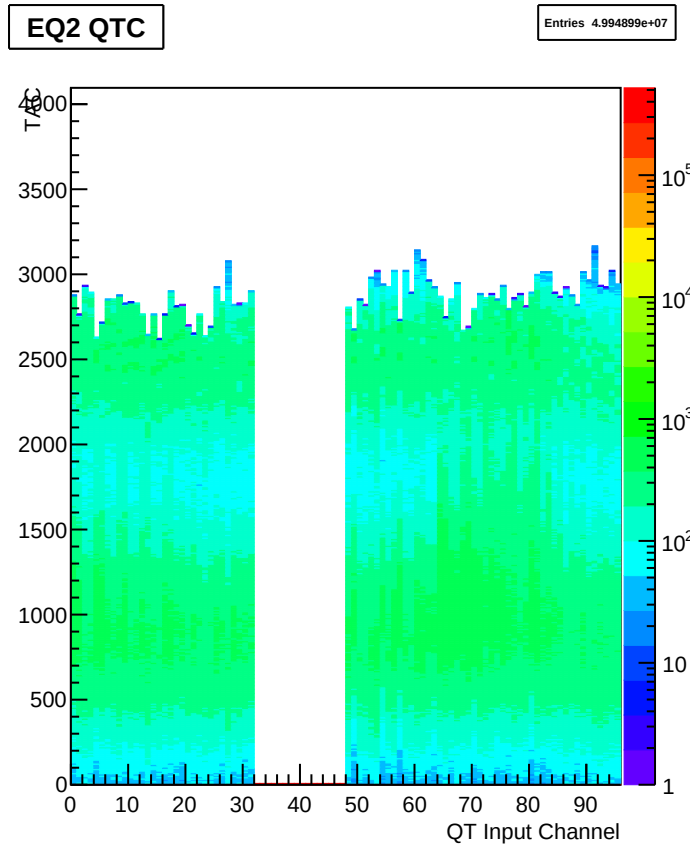

EQ1 QTC
Entries 4.994899e+07
ADC
QT Input Channel

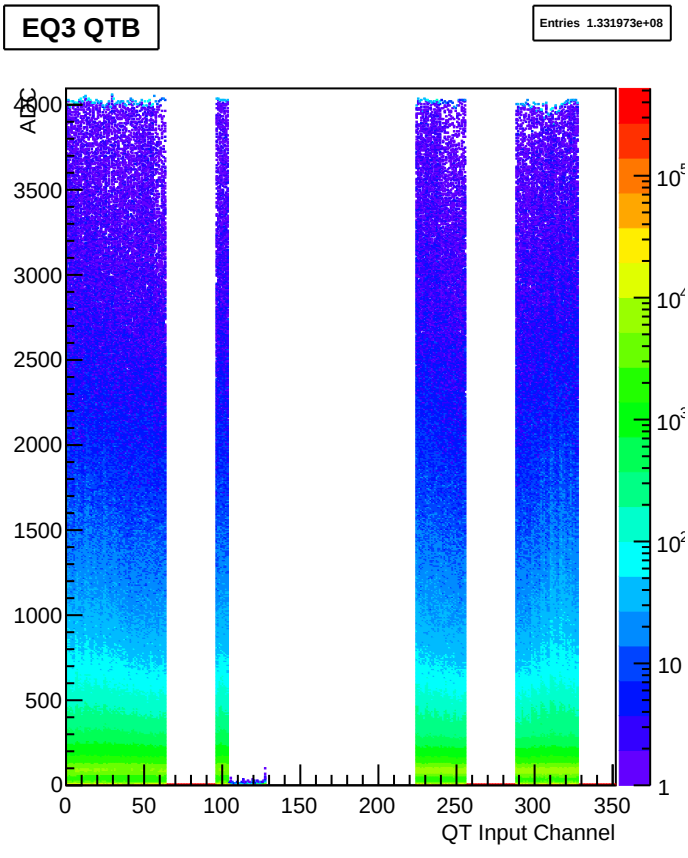

EQ1 QTC
Entries 4.994899e+07
TADC
QT Input Channel

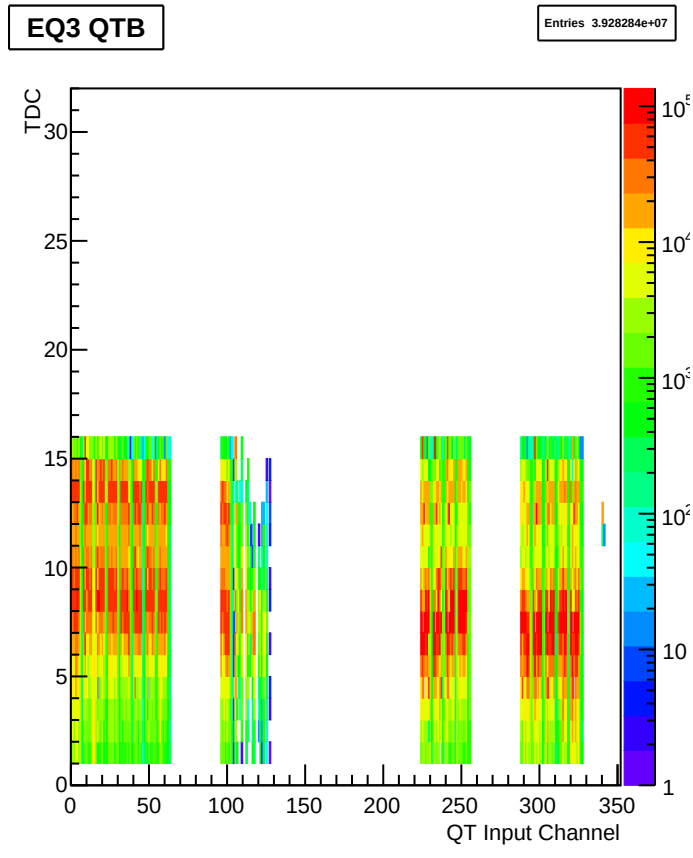

EQ2 QTB
Entries 1.49847e+08
ADC
QT Input Channel

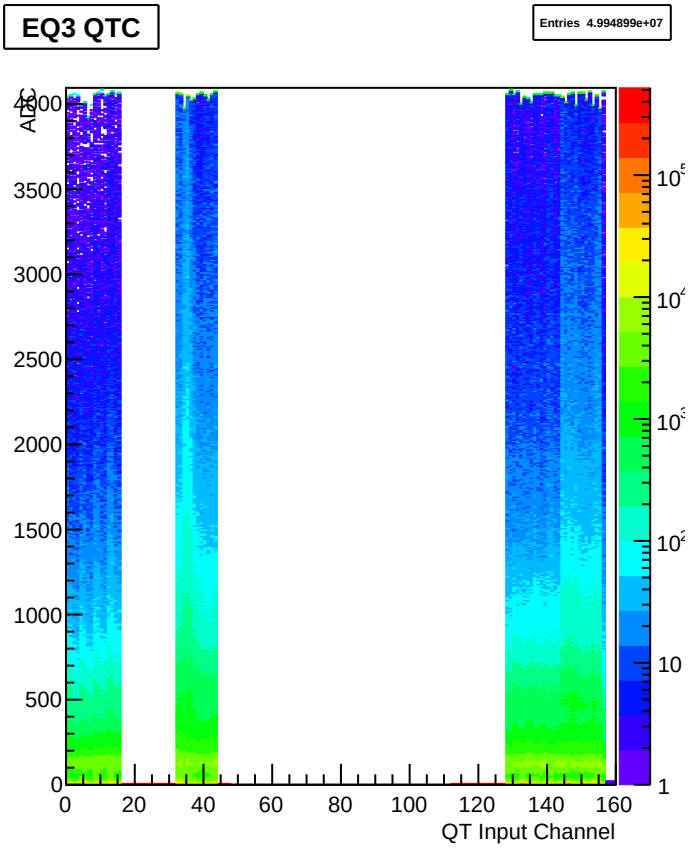

EQ2 QTB
Entries 4.828726e+07
TDC
QT Input Channel

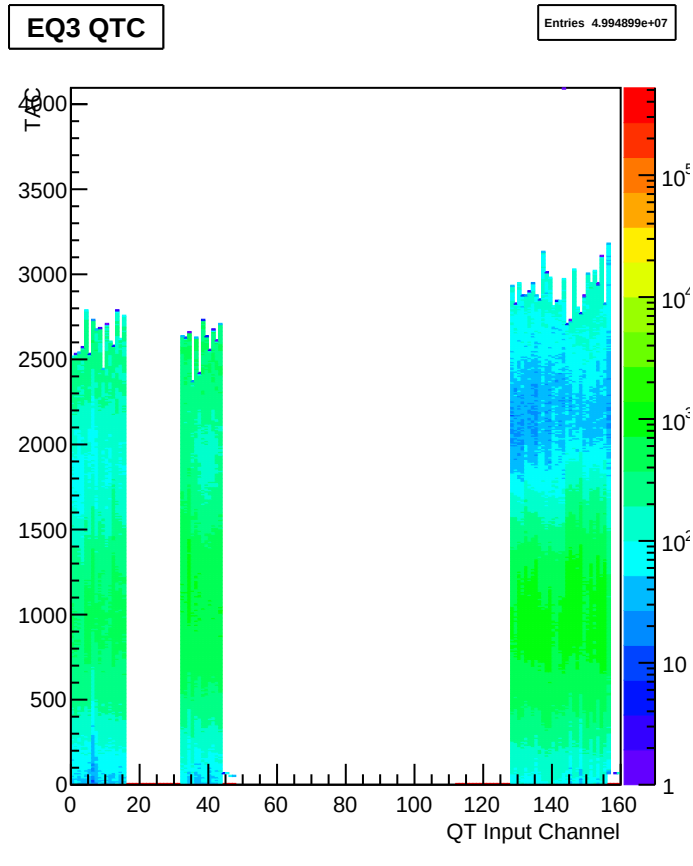

EQ2 QTC
Entries 4.994899e+07
ADC
QT Input Channel

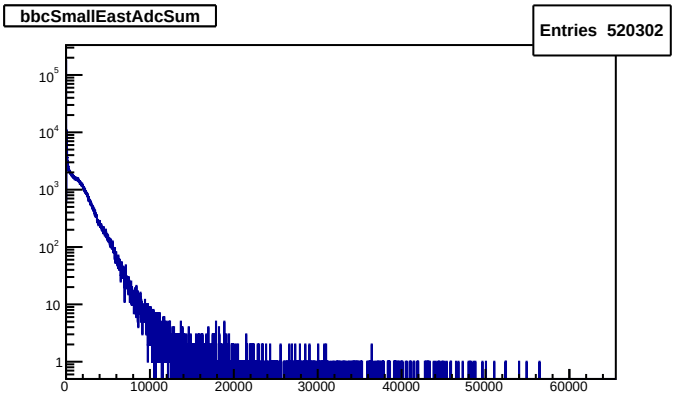

EQ2 QTC
Entries 4.994899e+07
TADC
QT Input Channel

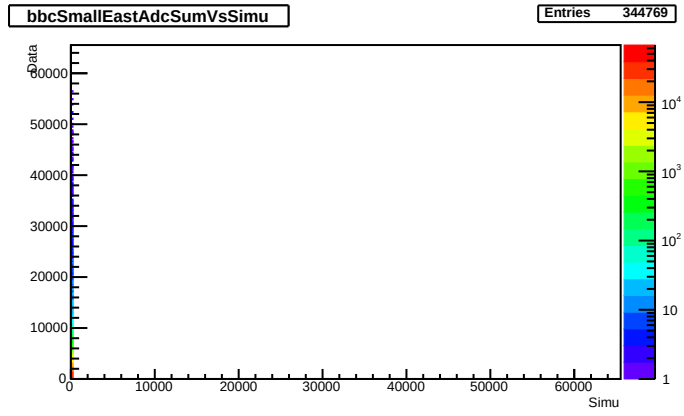

EQ3 QTB
Entries 1.331973e+08
ADC
QT Input Channel

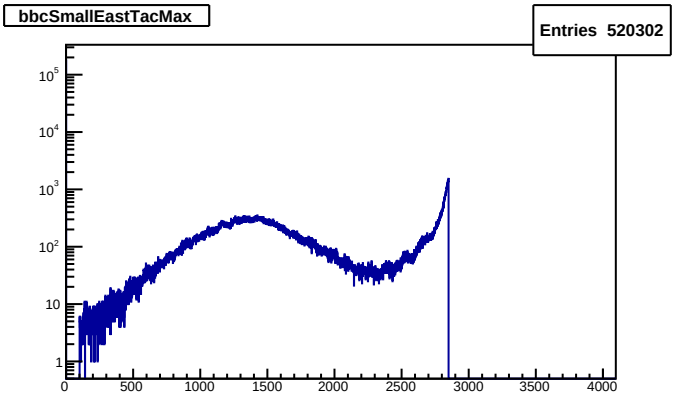

EQ3 QTB
Entries 3.928284e+07
TDC
QT Input Channel

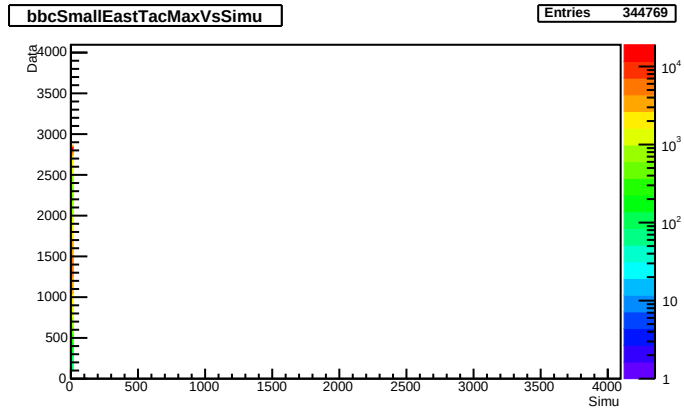

EQ3 QTC
Entries 4.994899e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.994899e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 520302


bbcSmallEastAdcSumVsSimu
Entries 344769
Data
Simu


bbcSmallEastTacMax
Entries 520302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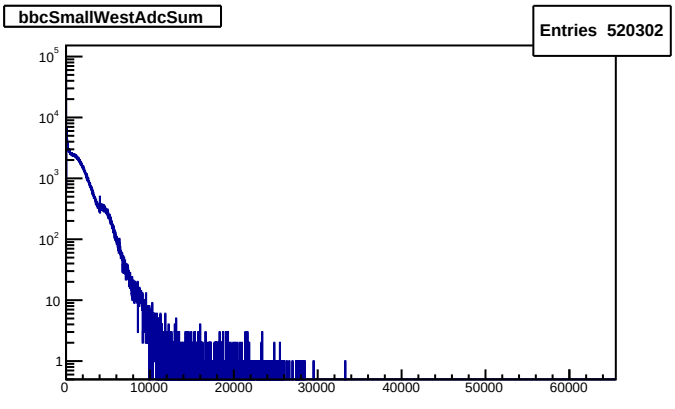
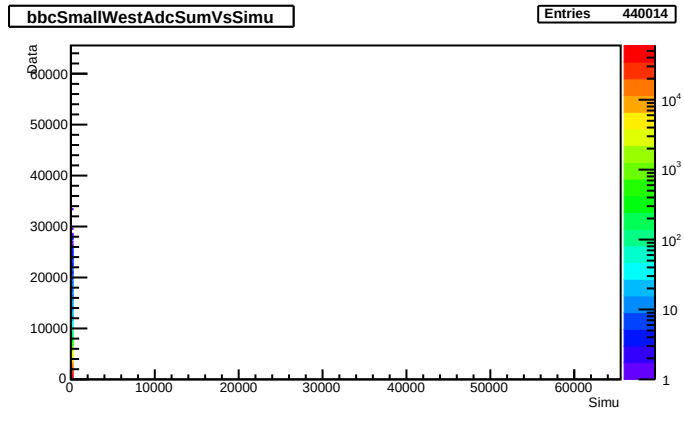
Entries 344769
Data
Simu


bbcSmallWestAdcSum
Entries 520302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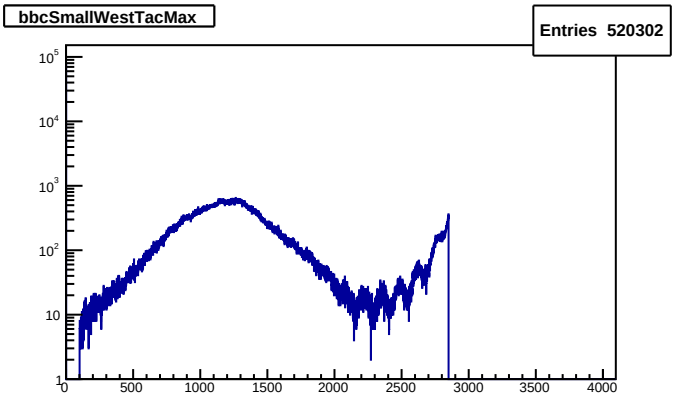
Entries 440014
Data
Simu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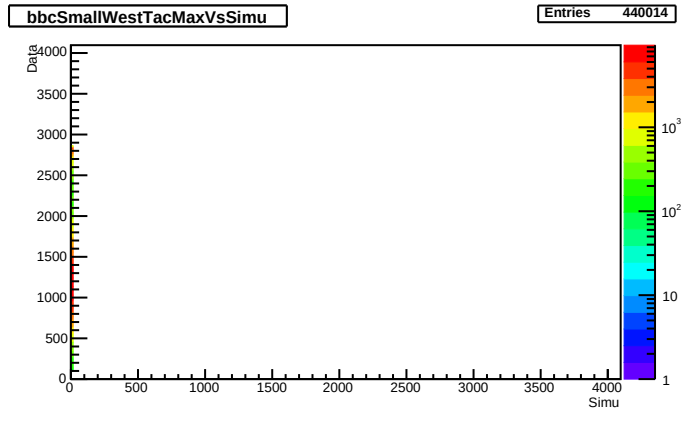
Entries 520302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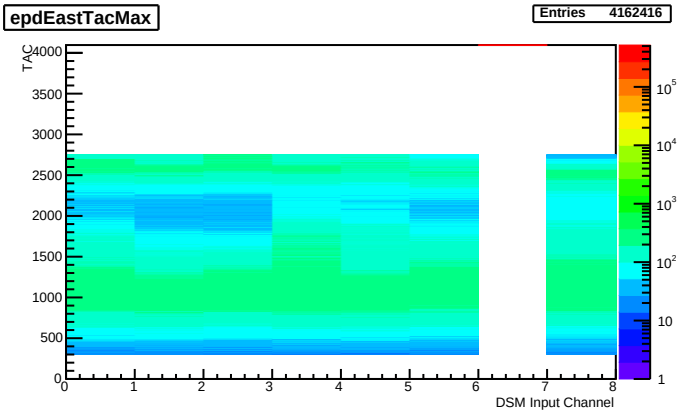
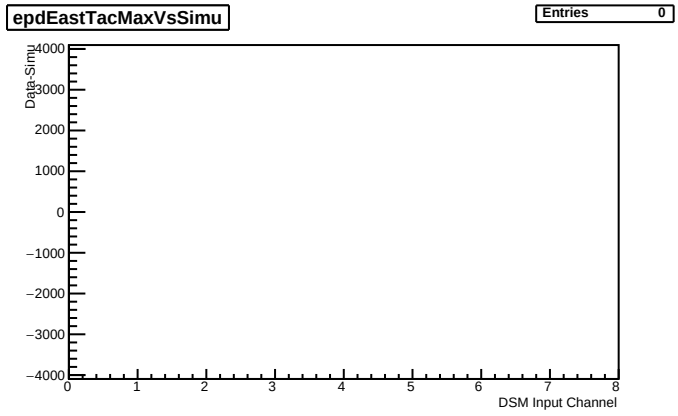
Entries 440014
Data
Simu


epdEastTacMax
Entries 4162416
TAC
DSM Input Channel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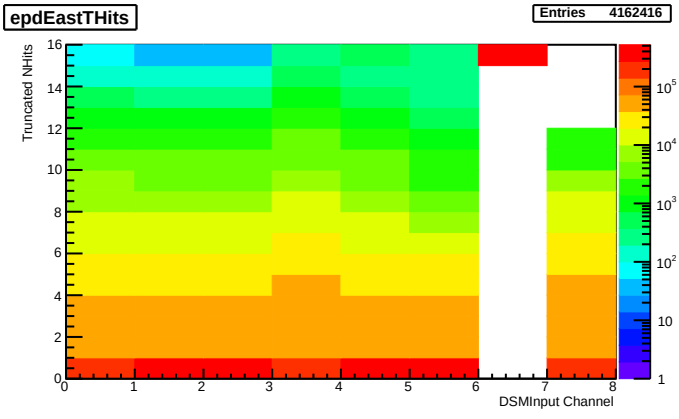
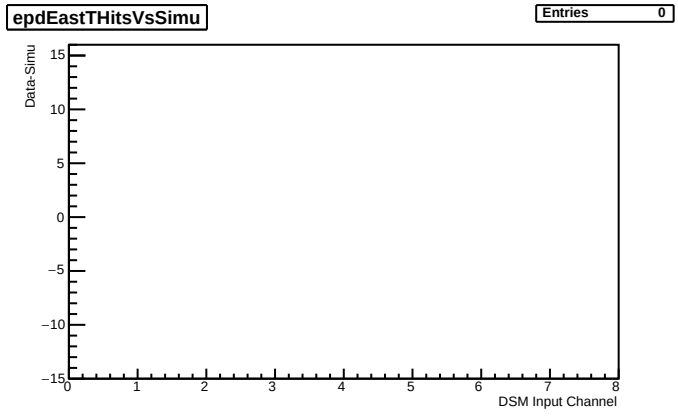
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4162416
Truncated NHits
DSMInput Channel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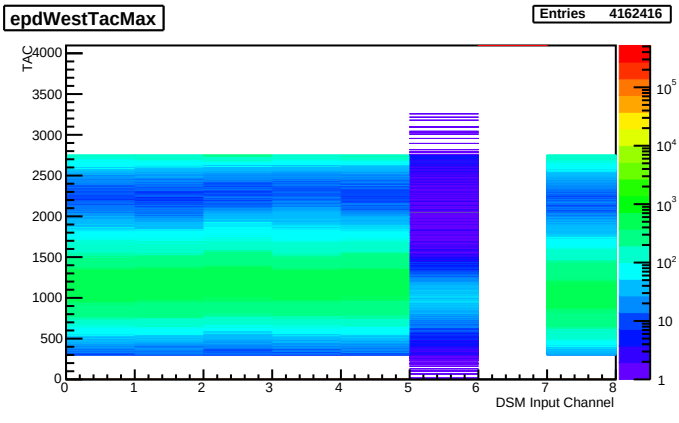
Data-Simu
DSM Input Channel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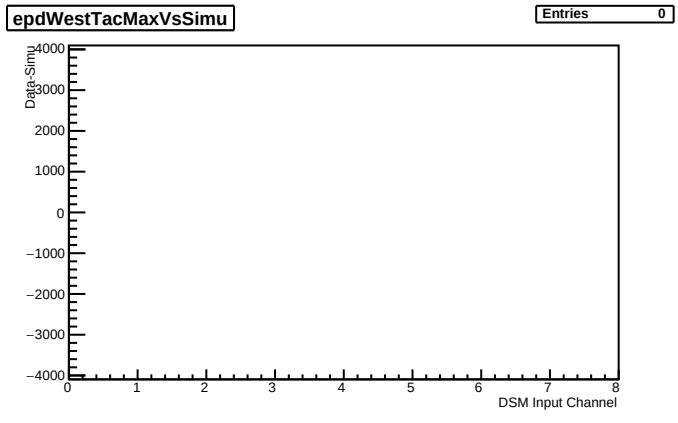
Entries 4162416
TAC
DSM Input Channel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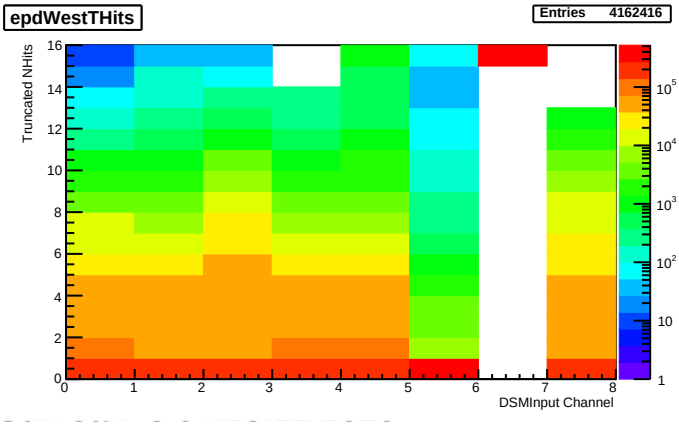
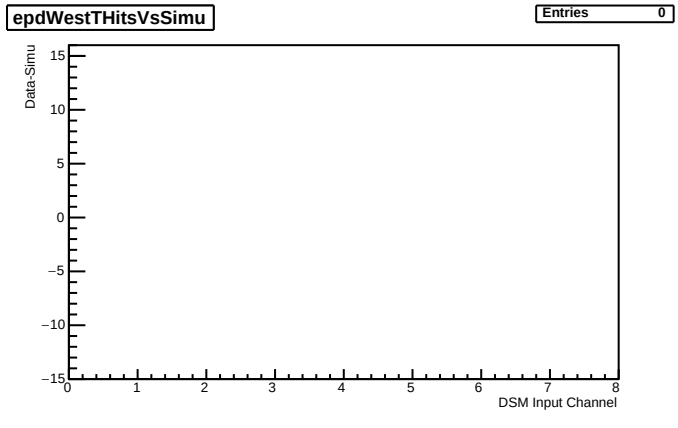
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4162416
Truncated NHits
DSMInput Channel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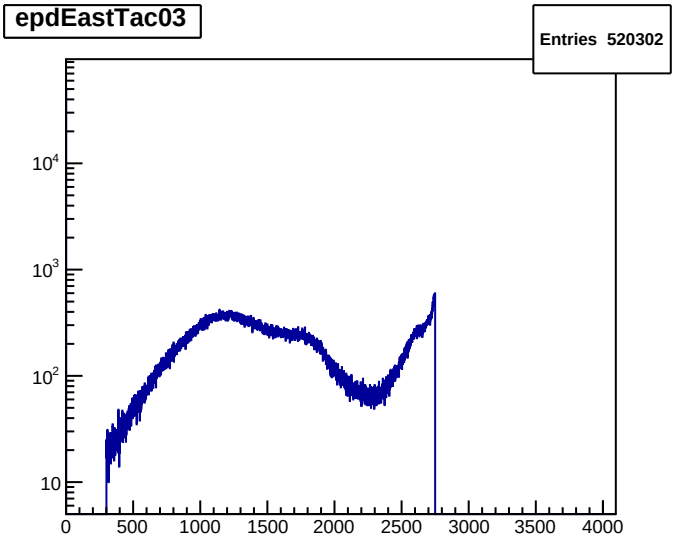
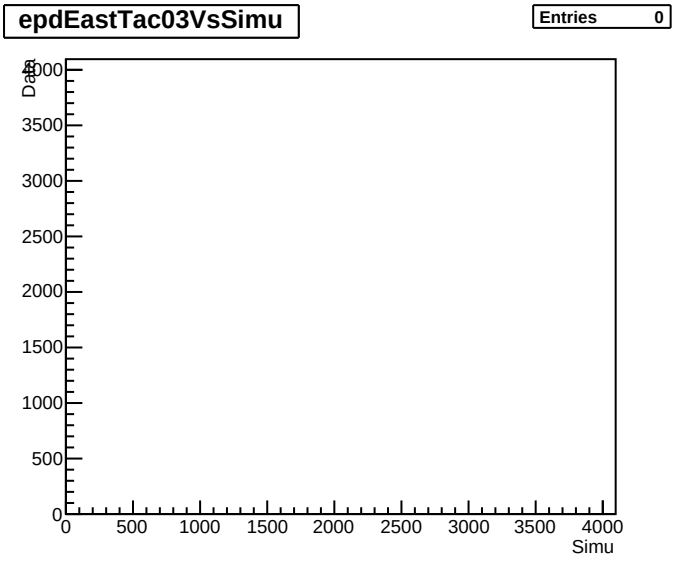
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 520302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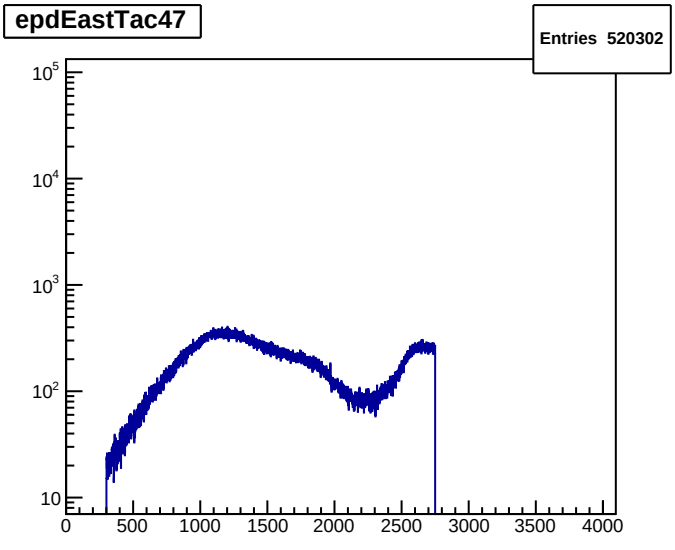
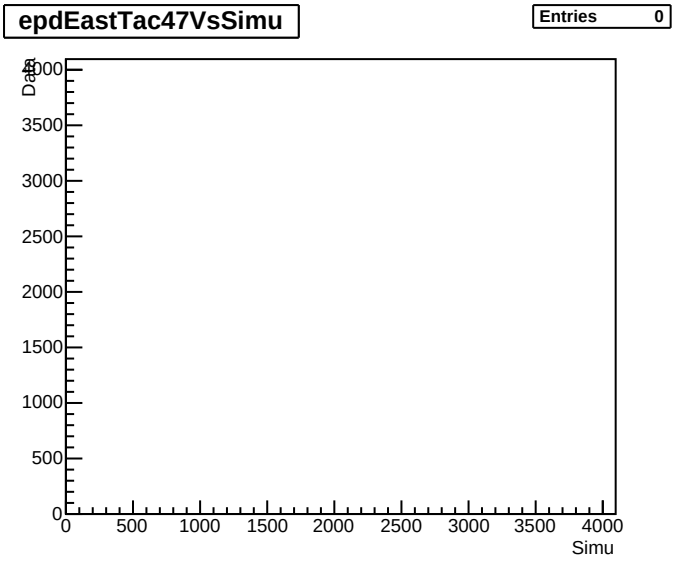
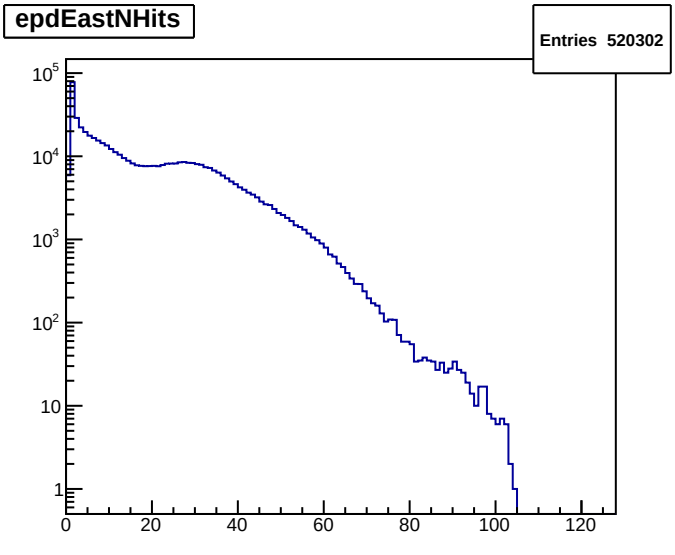
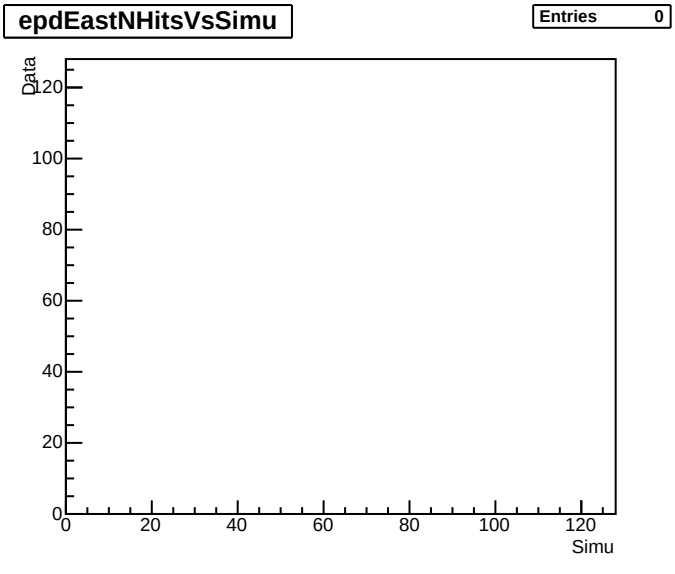
Entries 0
Data
Simu


epdEastTac47
Entries 520302


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 520302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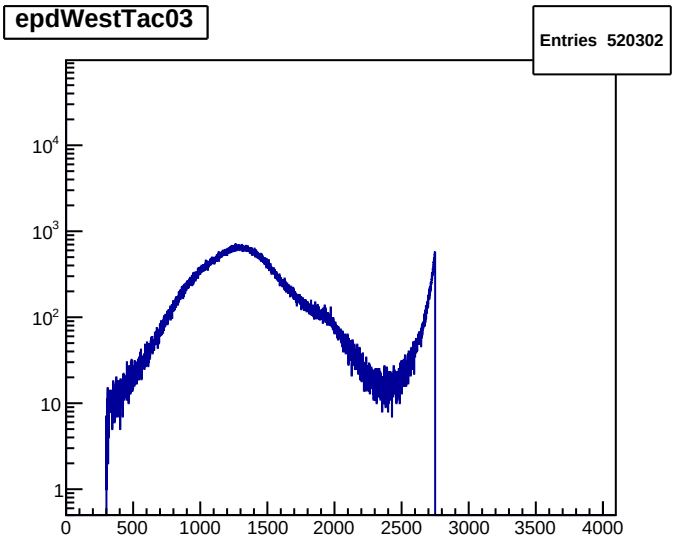
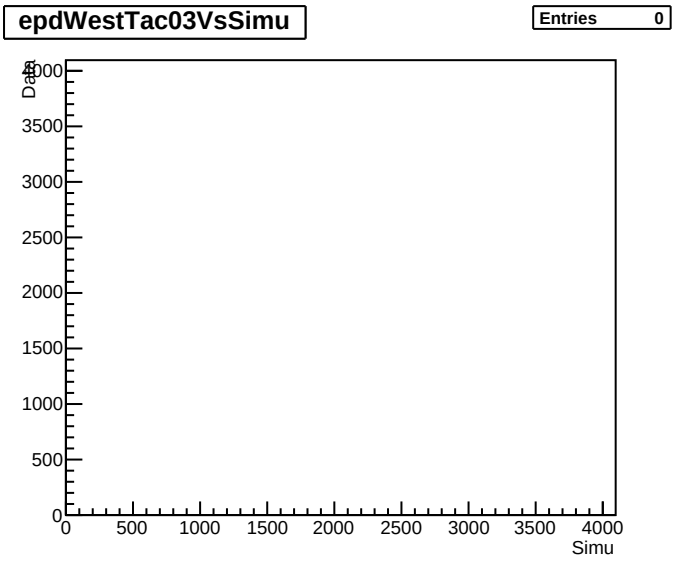
Entries 0
Data
Simu


epdWestTac03
Entries 520302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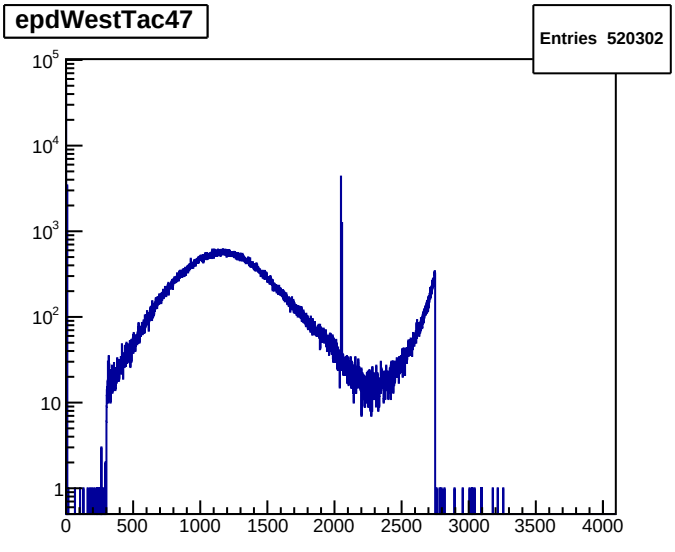
Entries 0
Data
Simu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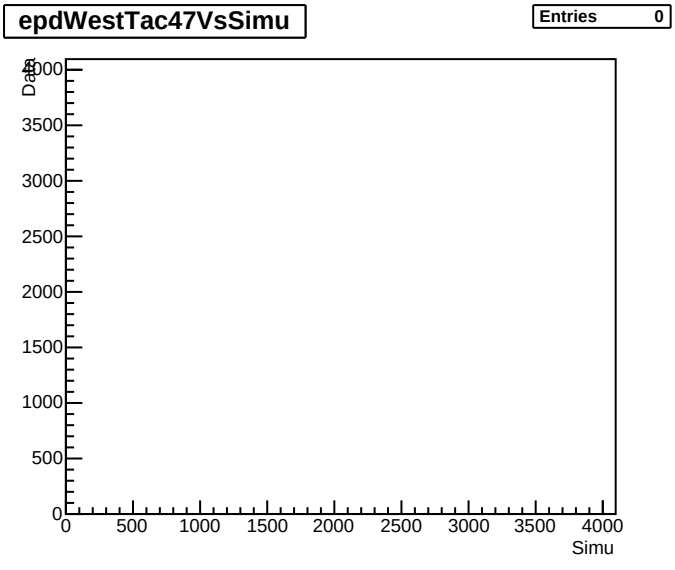
Entries 520302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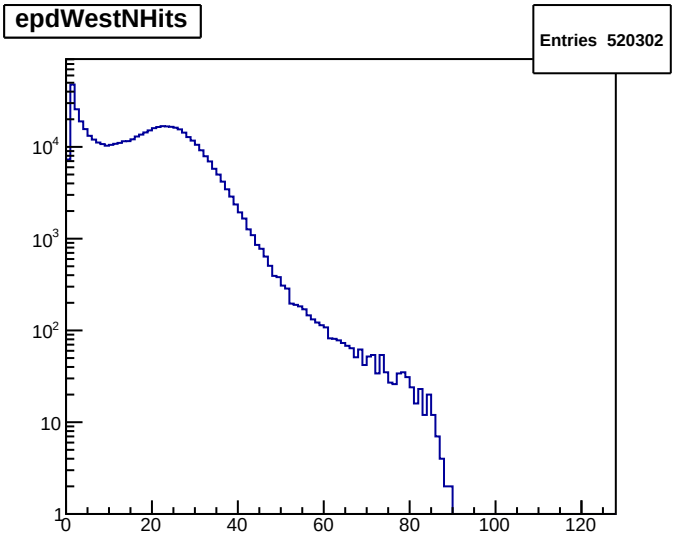
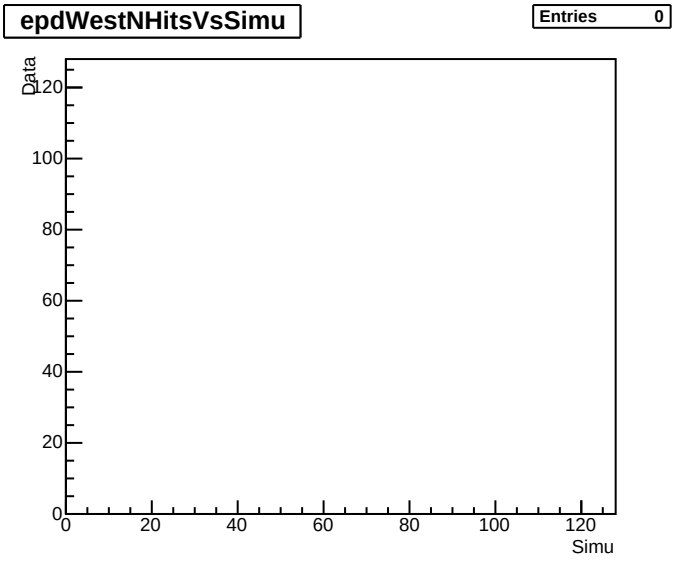
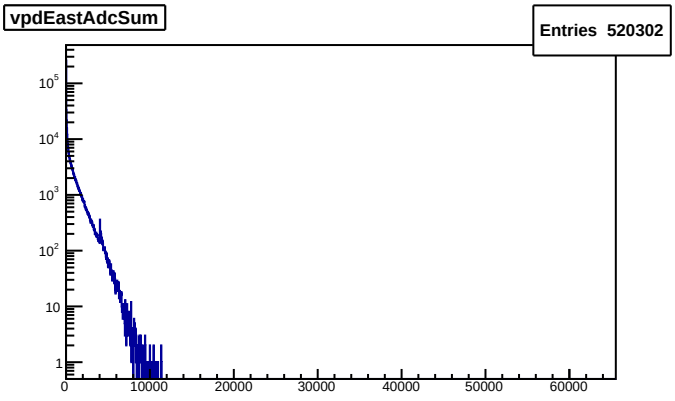
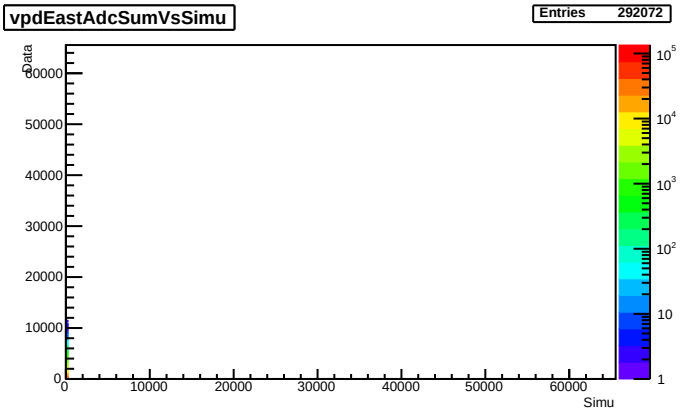
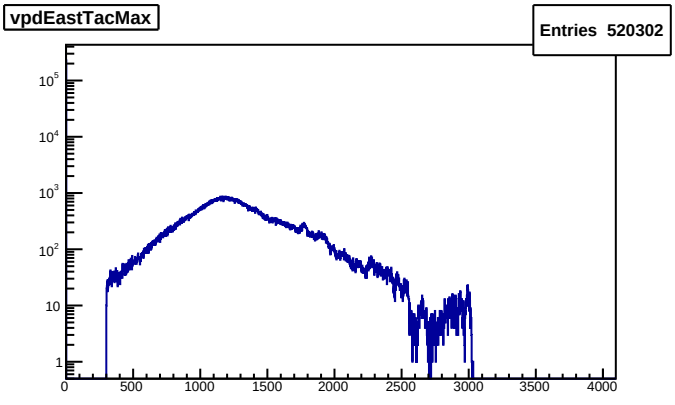
Entries 0
Data
Simu

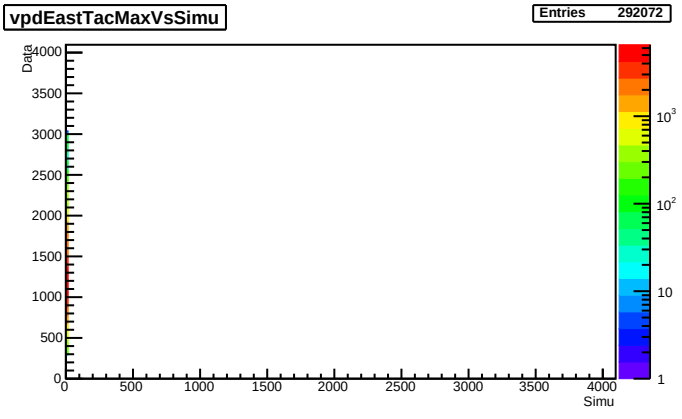

epdWestNHits
Entries 520302

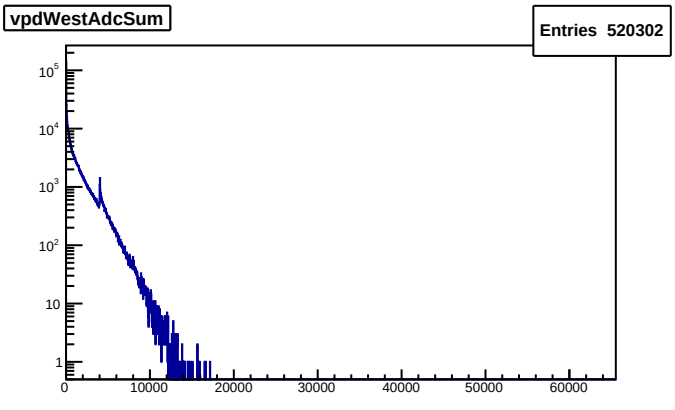

epdWestNHitsVsSimu
Entries 0
Data
Simu

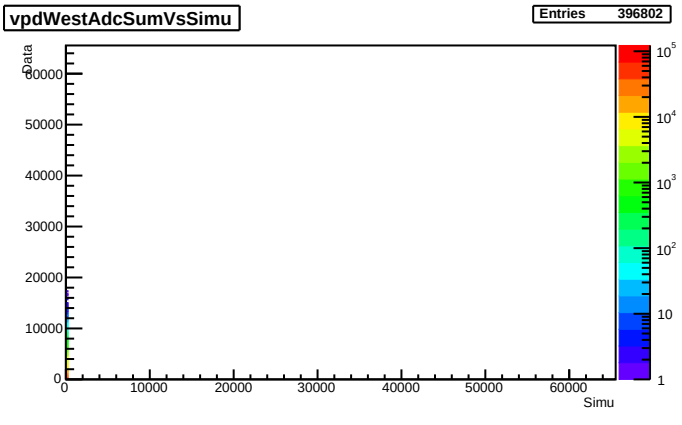

vpdEastAdcSum
Entries 520302

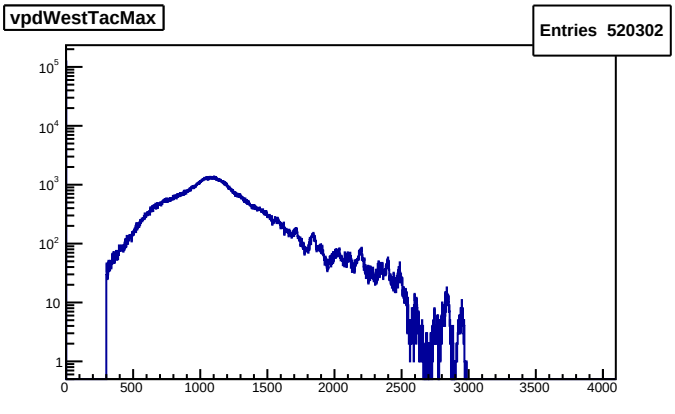

vpdEastAdcSumVsSimu
Entries 292072
Data
Simu

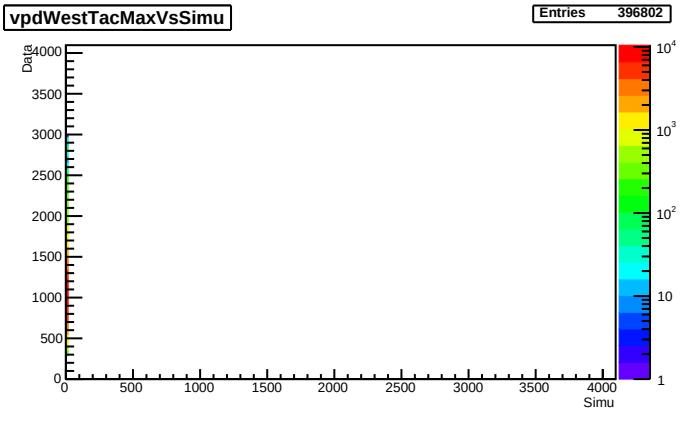

vpdEastTacMax
Entries 520302

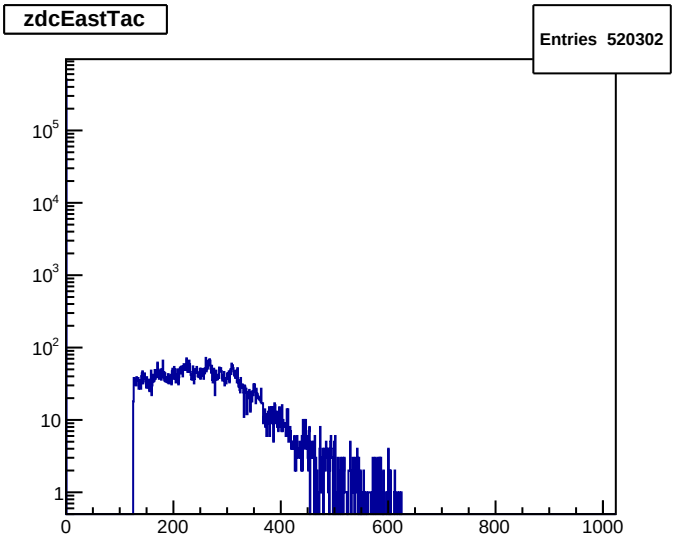

vpdEastTacMaxVsSimu
Entries 292072
Data
Simu

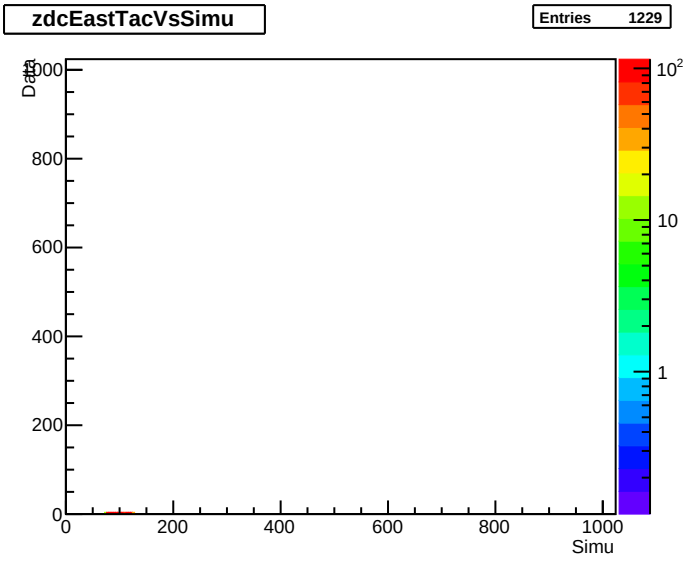

vpdWestAdcSum
Entries 520302

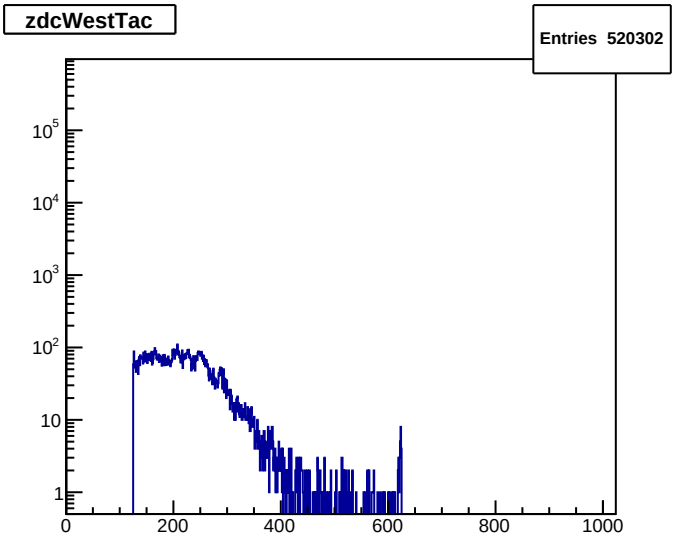

vpdWestAdcSumVsSimu
Entries 396802
Data
Simu

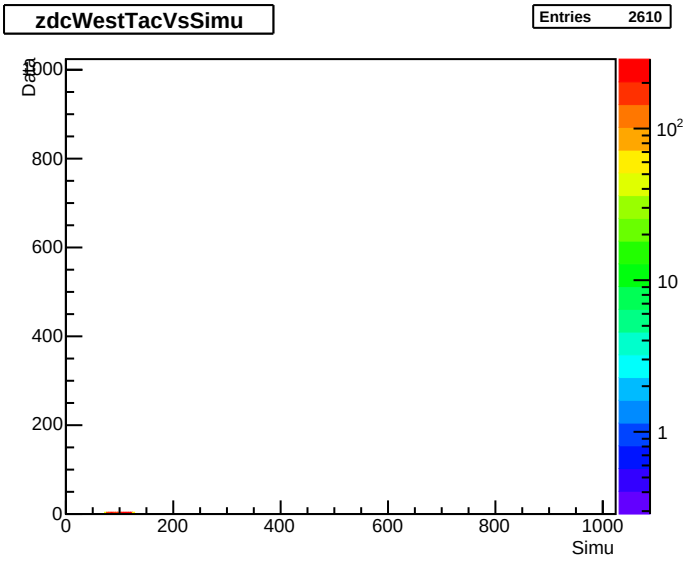

vpdWestTacMax
Entries 520302

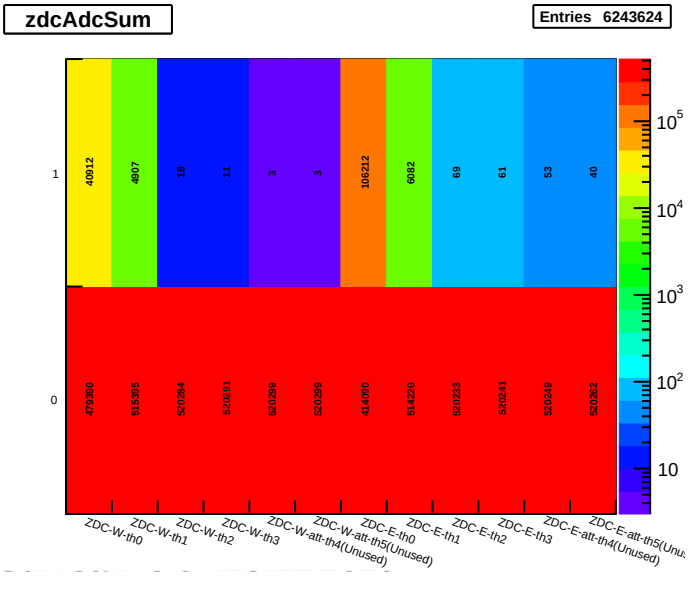

vpdWestTacMaxVsSimu
Entries 396802
Data
Simu

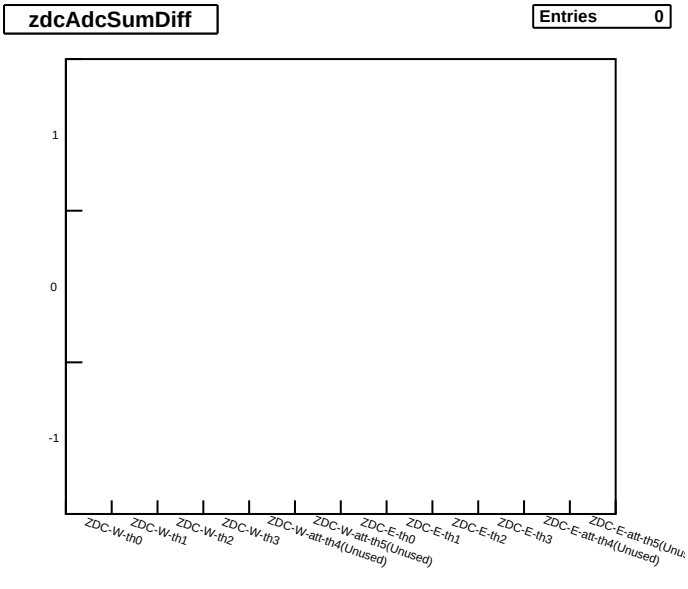

zdcEastTac
Entries 520302

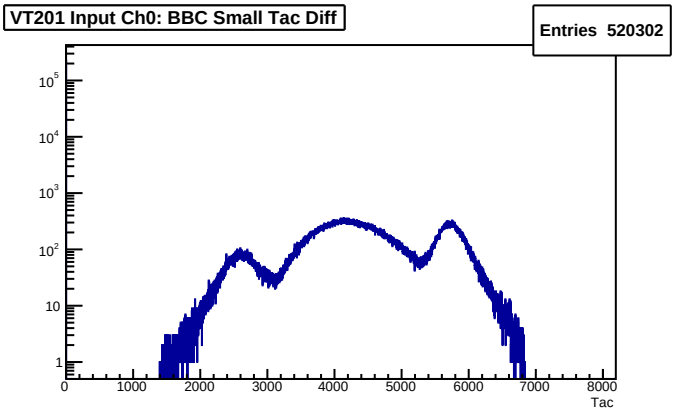

zdcEastTacVsSimu
Entries 1229
Data
Simu

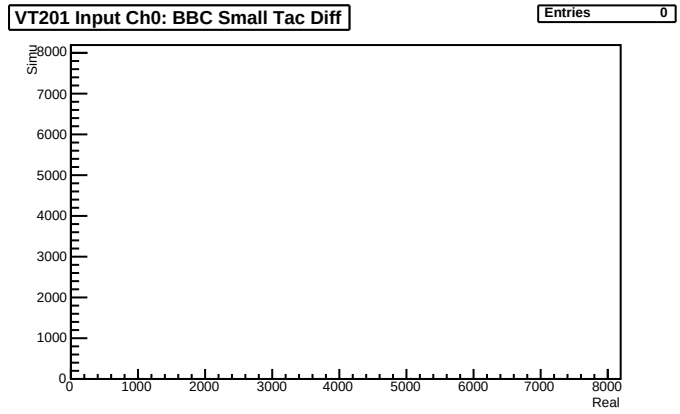

zdcWestTac
Entries 520302

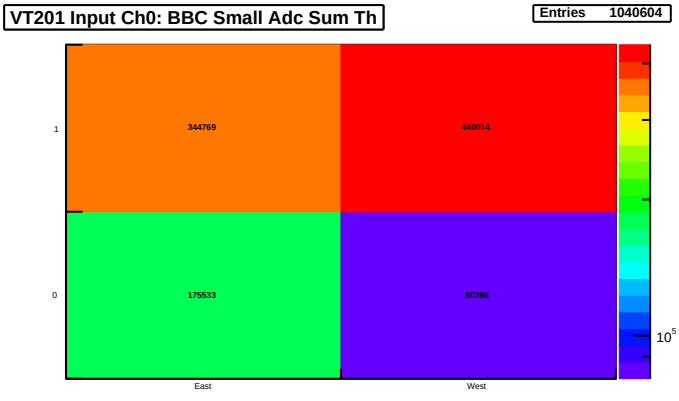

zdcWestTacVsSimu
Entries 2610
Data
Simu

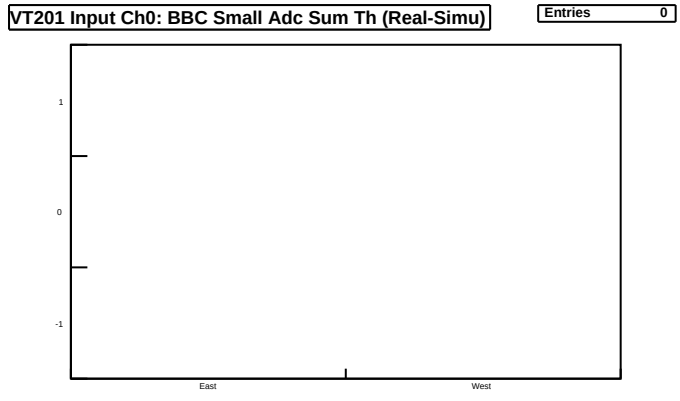

zdcAdcSum
Entries 6243624
40912
4907
18
11
3
3
106212
6082
69
61
53
40
479380
515395
520284
520291
520299
520299
414090
514220
520233
520241
520249
520282
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

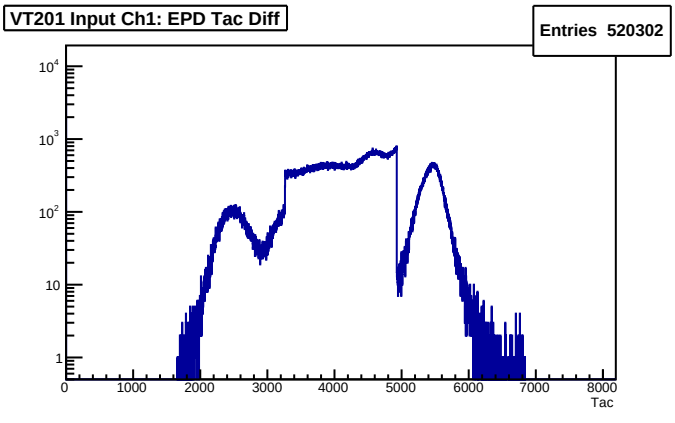

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

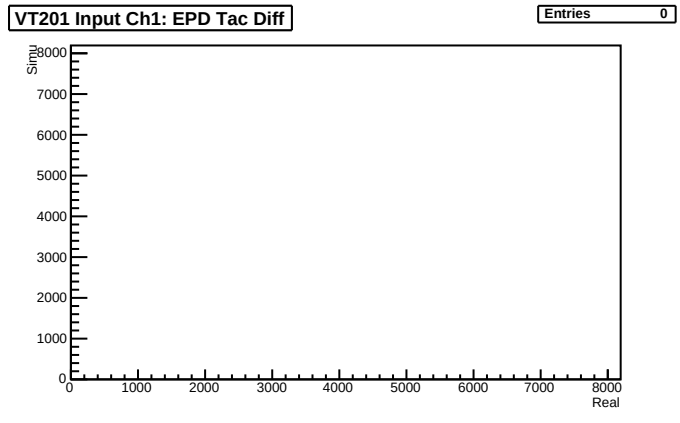

VT201 Input Ch0: BBC Small Tac Diff
Entries 520302
Tac

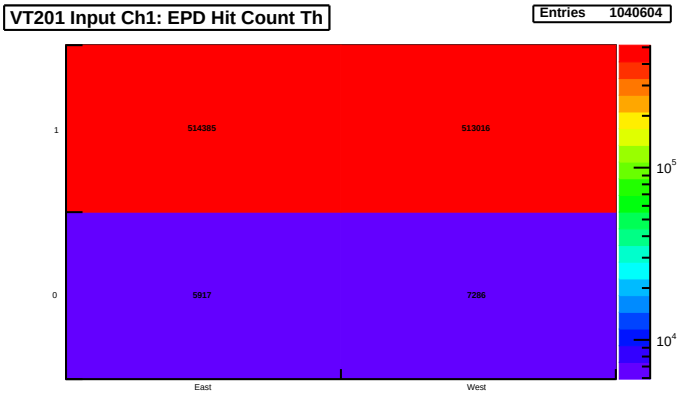

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

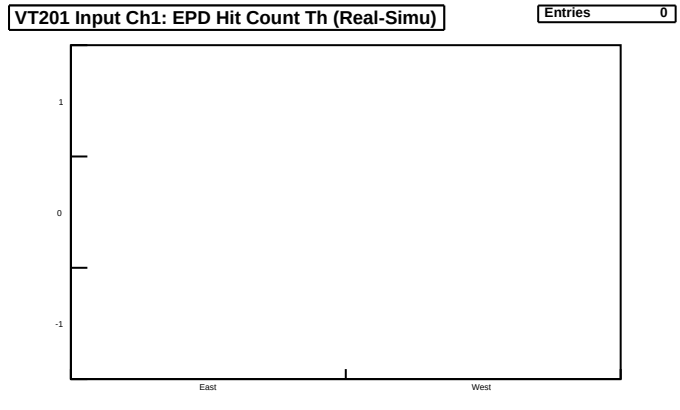

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1040604
344769
440014
175533
80288
East
West

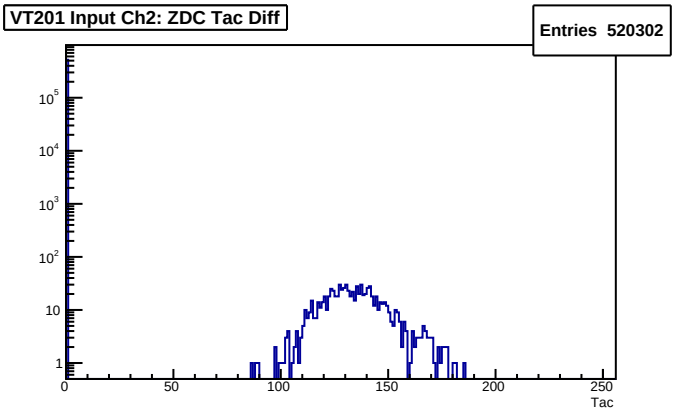

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

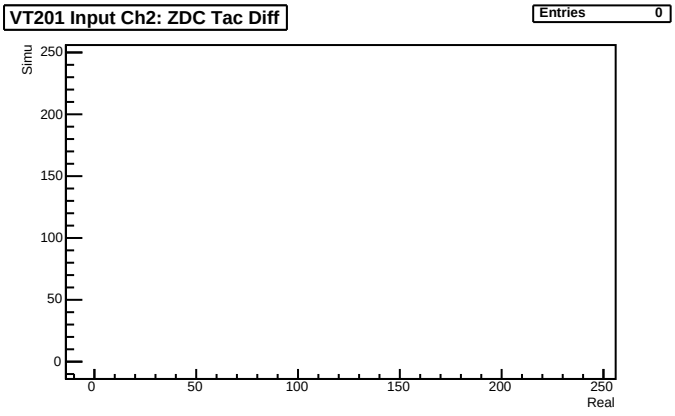

VT201 Input Ch1: EPD Tac Diff
Entries 520302
Tac

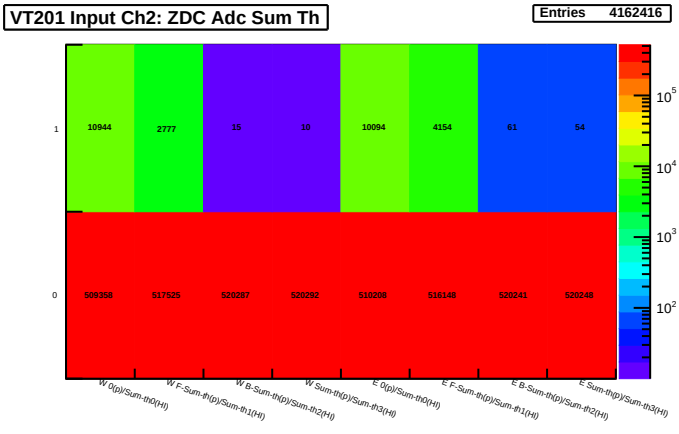

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

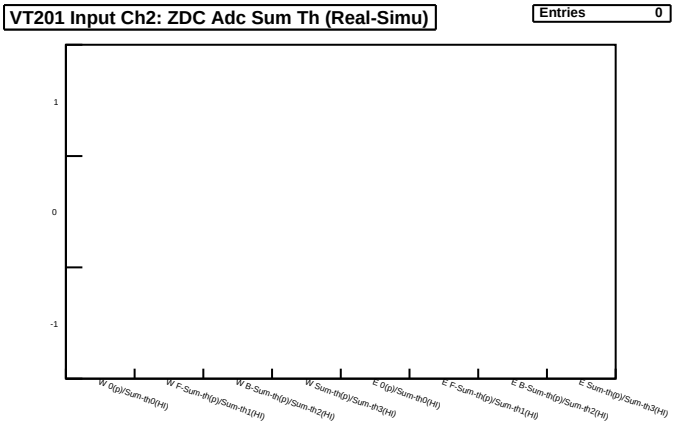

VT201 Input Ch1: EPD Hit Count Th
Entries 1040604
514385
513016
5917
7286
East
West

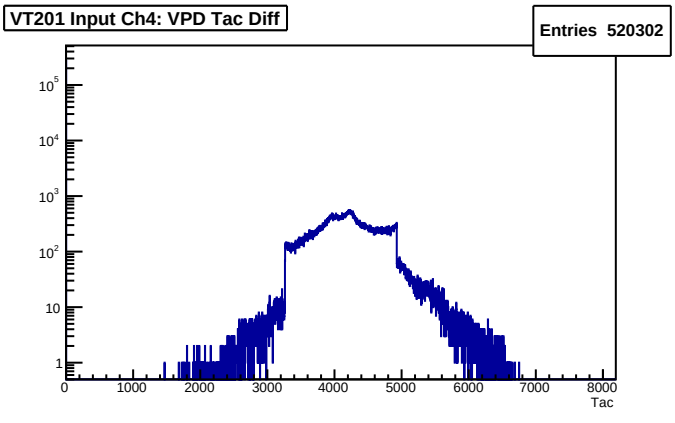

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

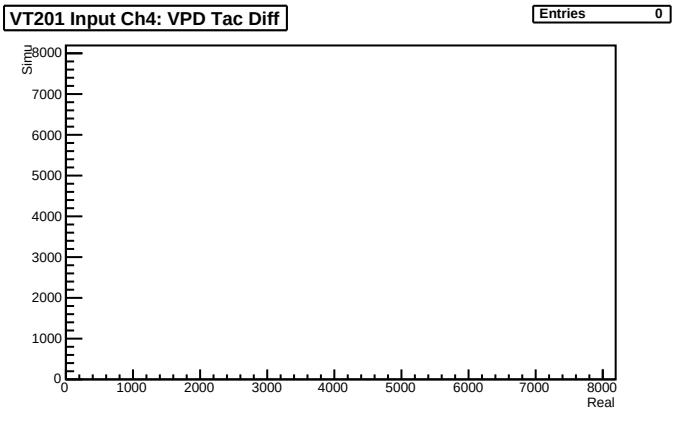

VT201 Input Ch2: ZDC Tac Diff
Entries 520302
Tac

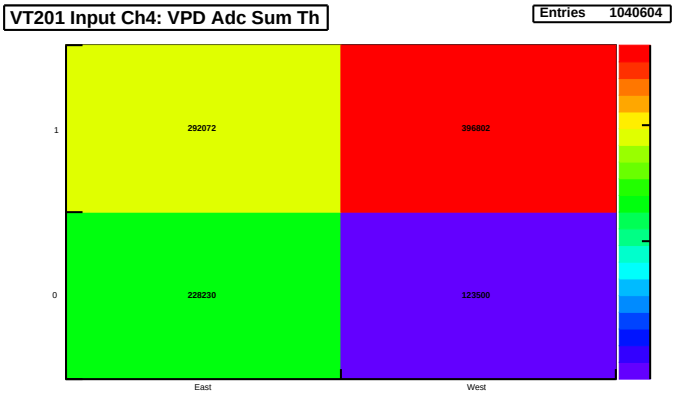

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

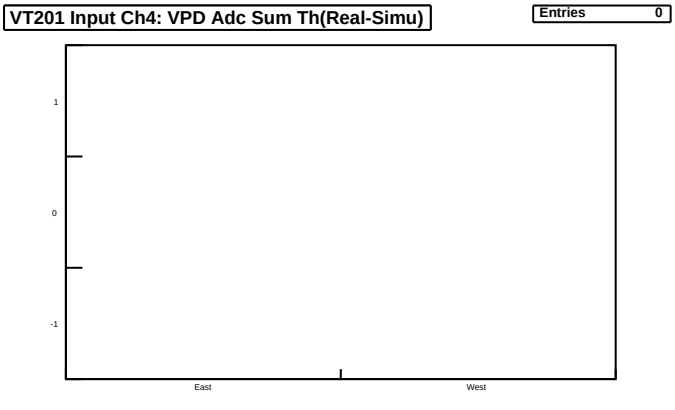

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4162416
10944
2777
15
10
10094
4154
61
54
509358
517525
520287
520292
510208
516148
520241
520248
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

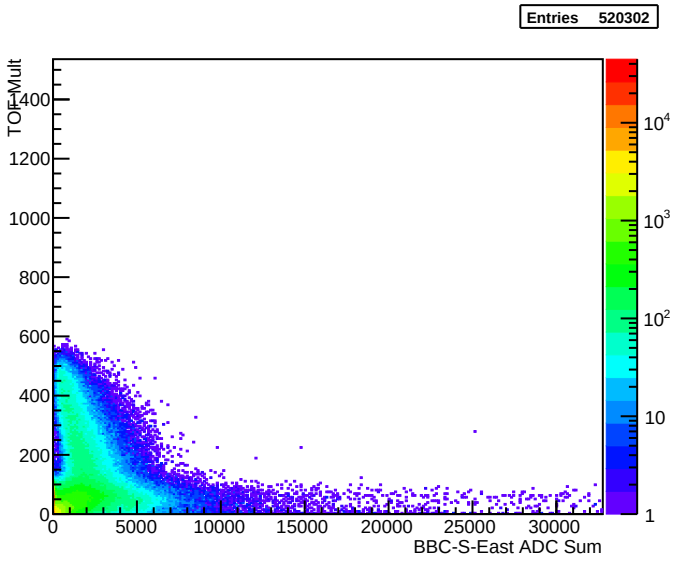

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

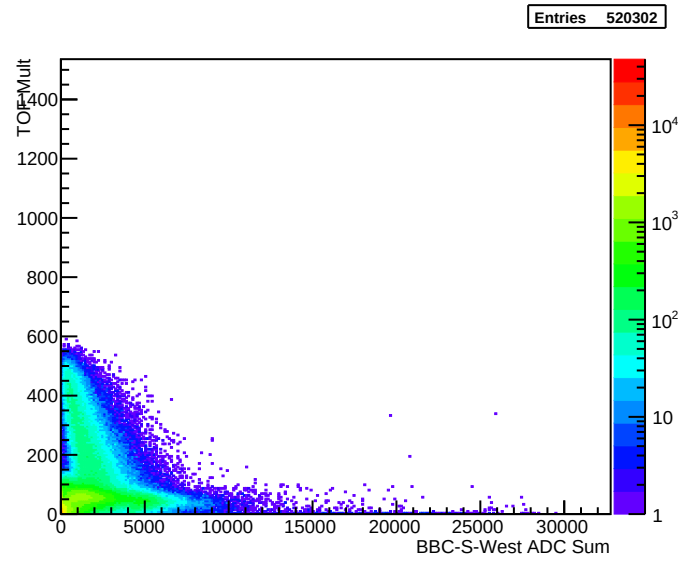

VT201 Input Ch4: VPD Tac Diff
Entries 520302
Tac

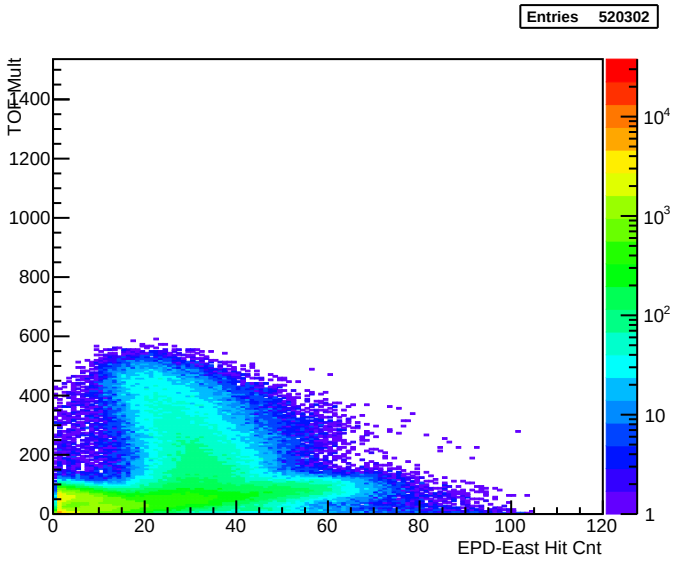

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

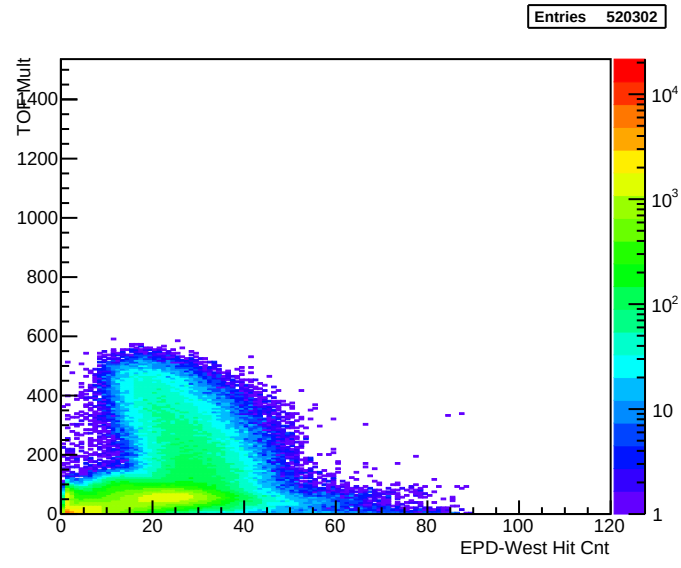

VT201 Input Ch4: VPD Adc Sum Th
Entries 1040604
292072
396802
228230
123500
East
West

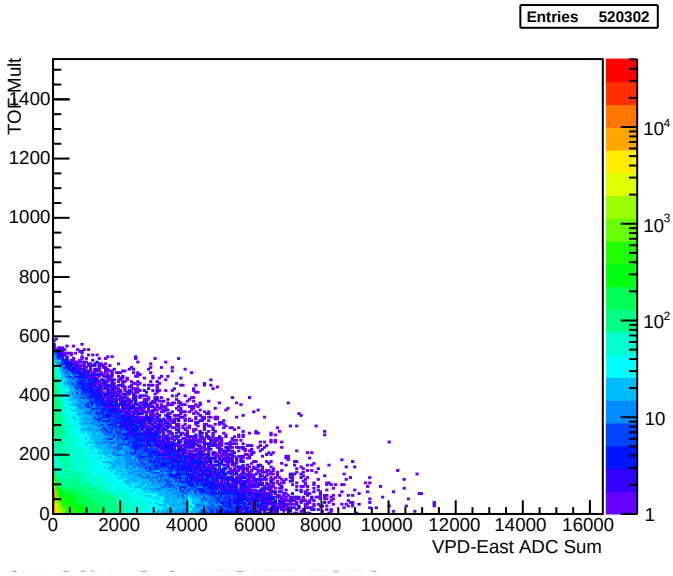

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

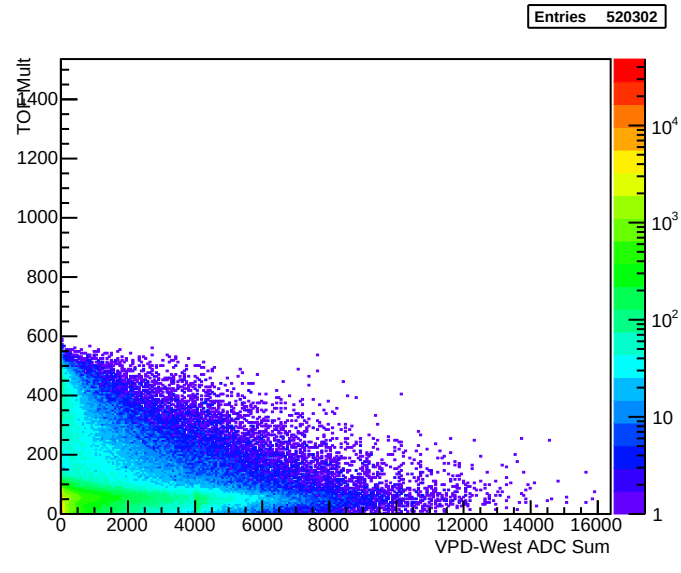

Entries 520302
TOF-Mult
BBC-S-East ADC Sum

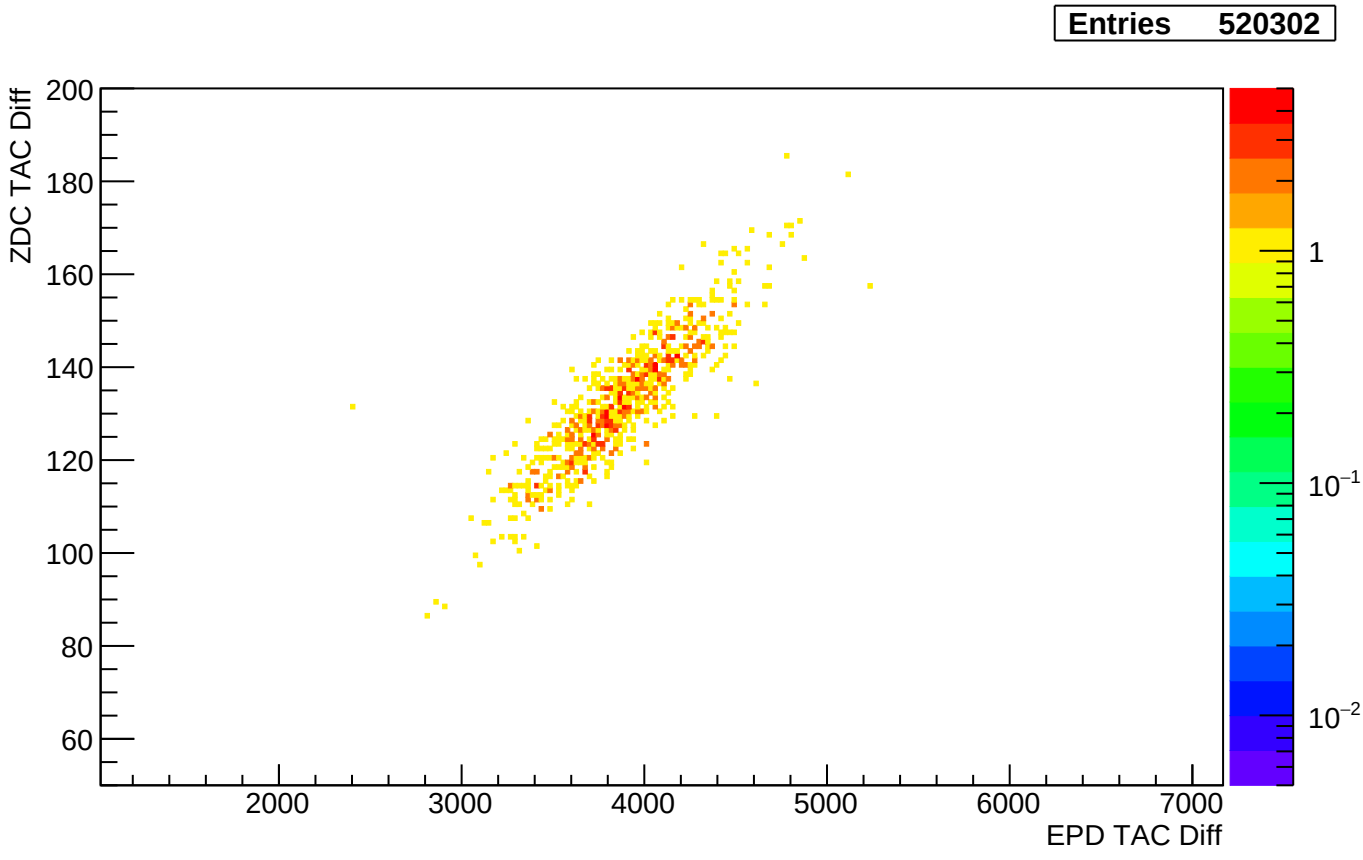

Entries 520302
TOF-Mult
BBC-S-West ADC Sum

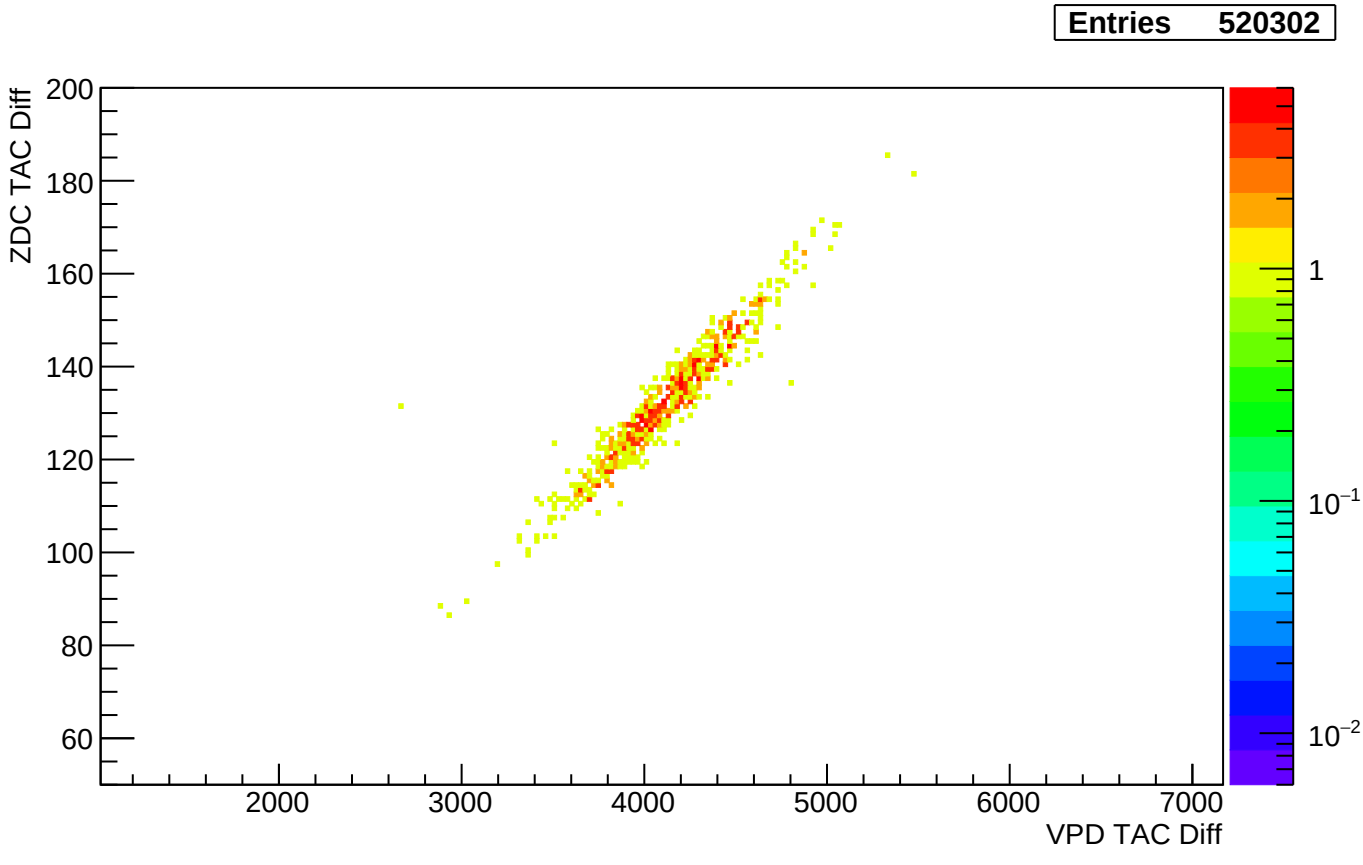

Entries 520302
TOF-Mult
EPD-East Hit Cnt

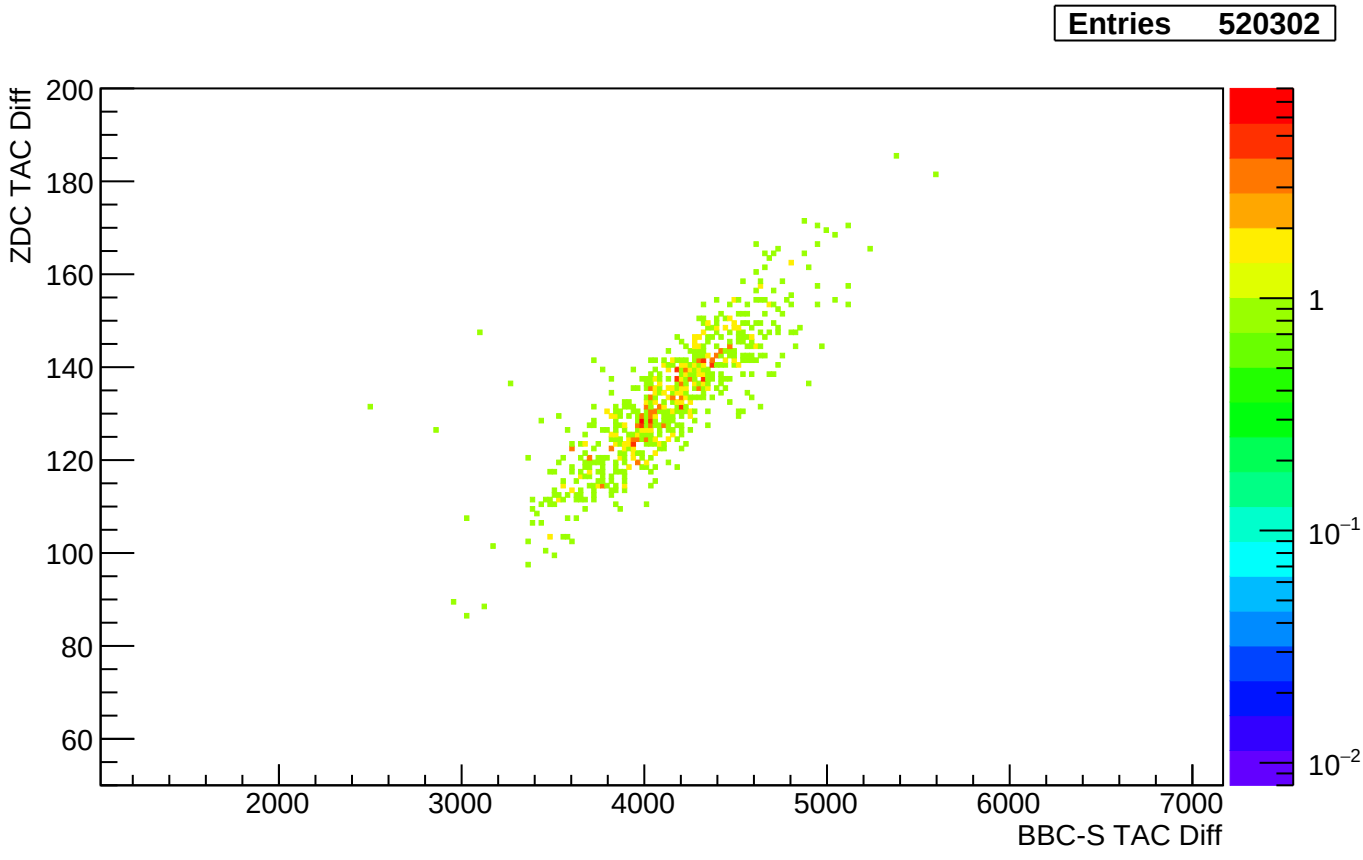

Entries 520302
TOF-Mult
EPD-West Hit Cnt

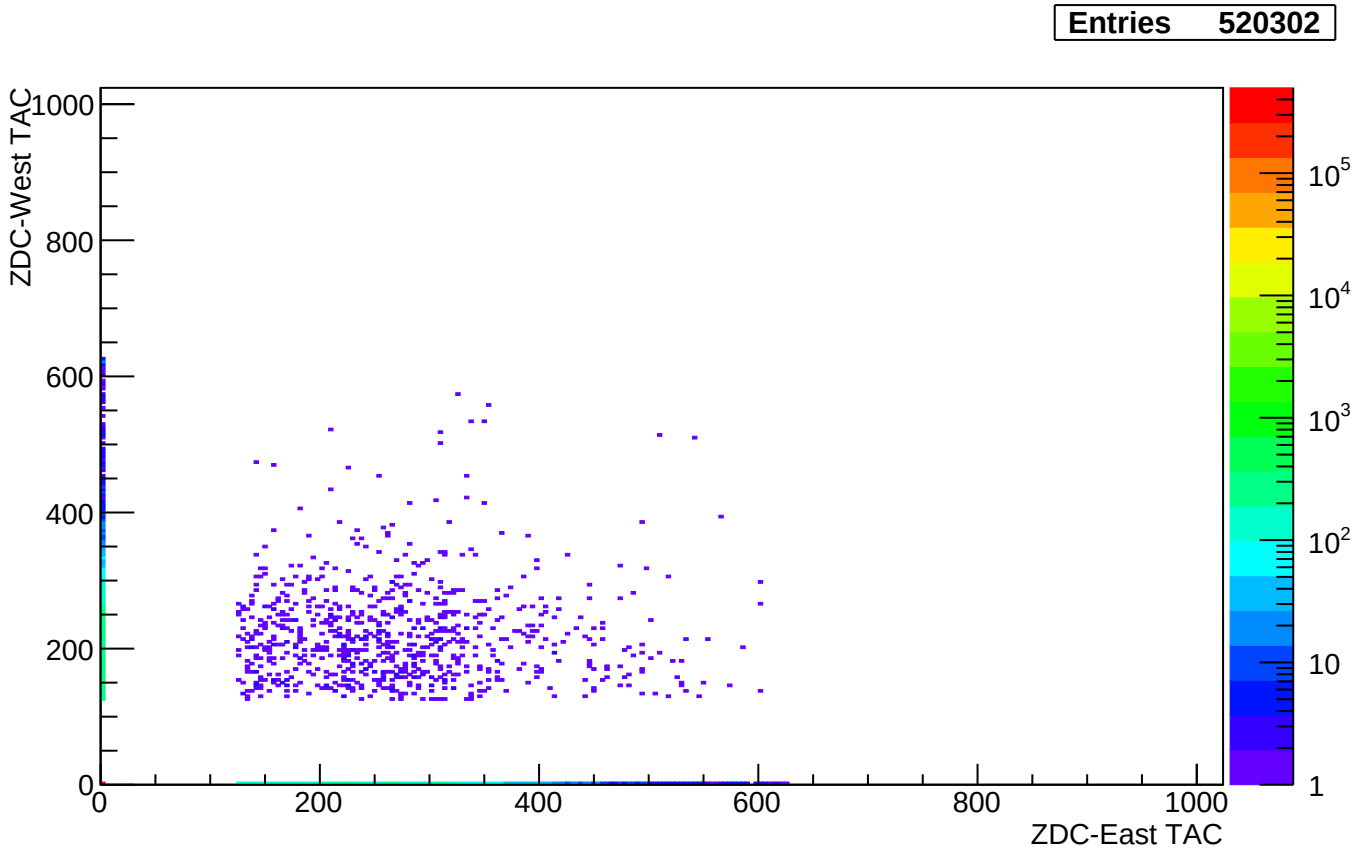

Entries 520302
TOF-Mult
VPD-East ADC Sum

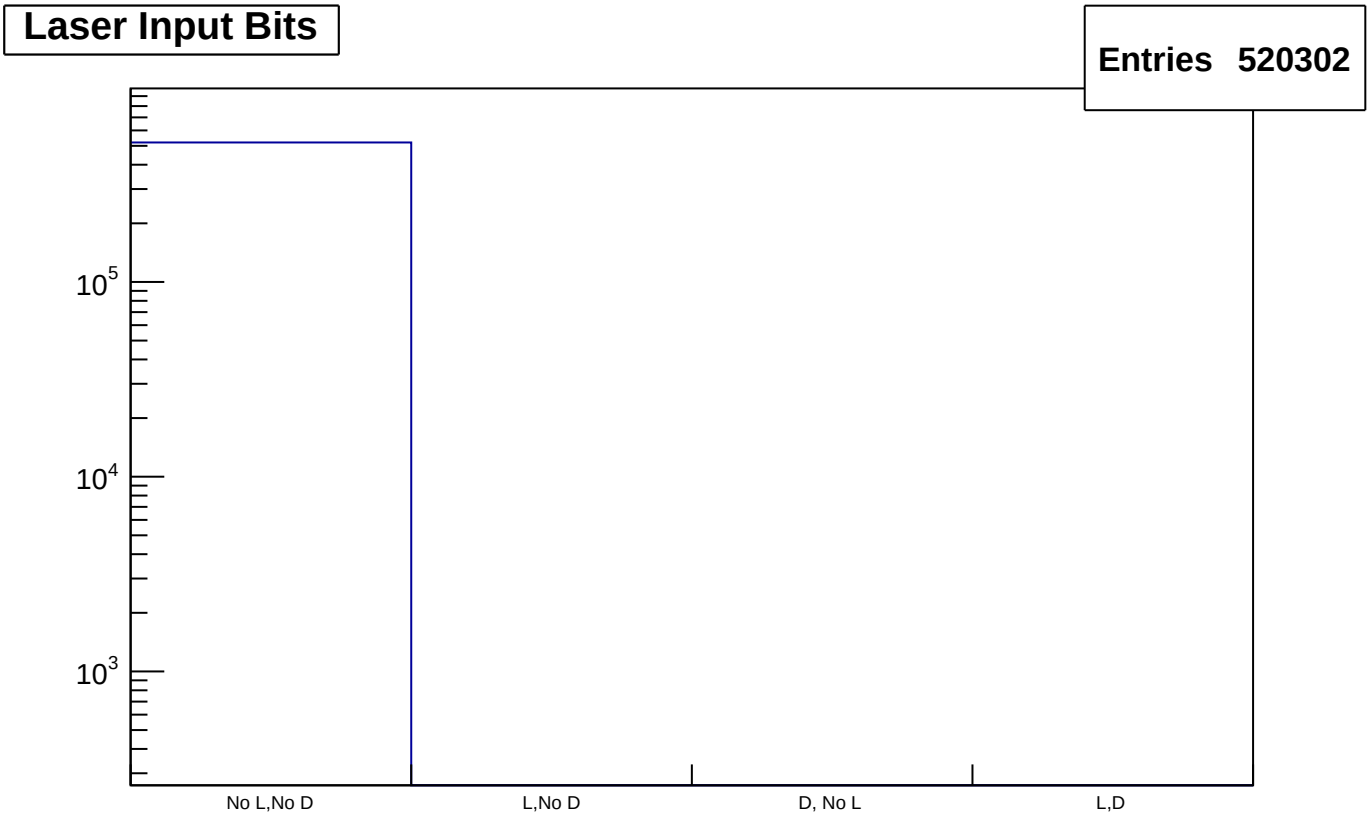

Entries 520302
TOF-Mult
VPD-West ADC Sum

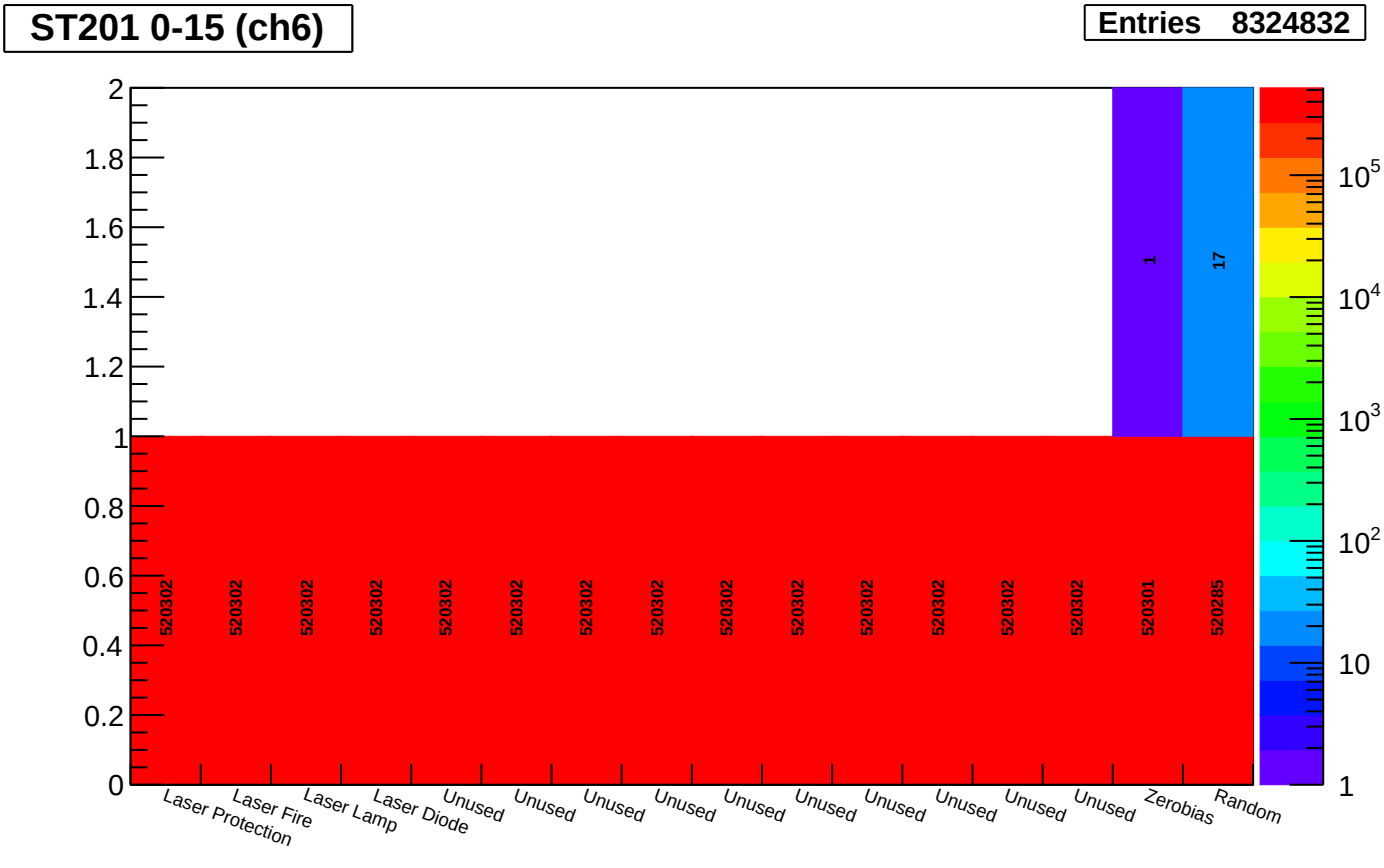

Entries 520302
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

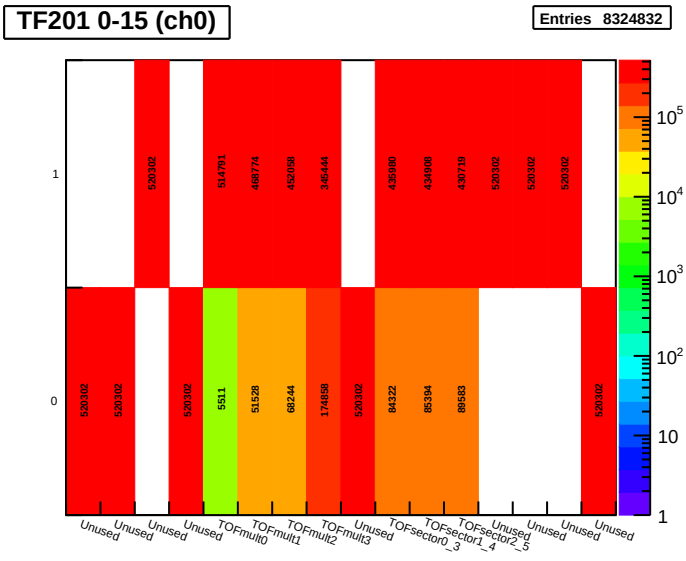

Entries 520302
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

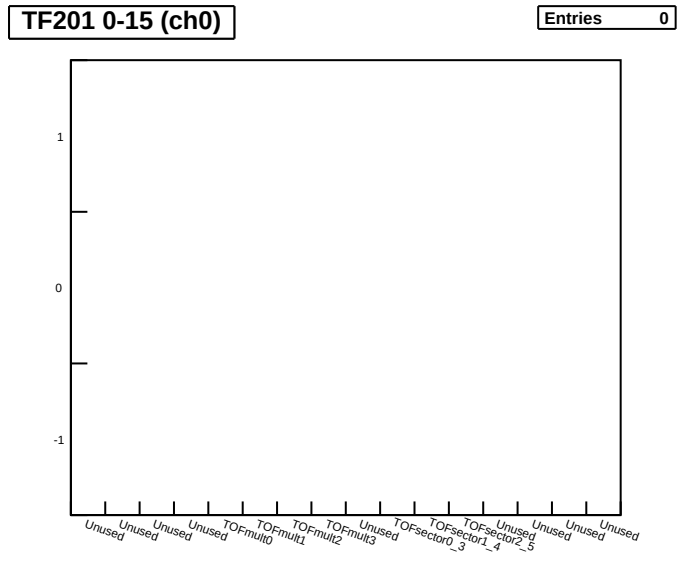

Entries 520302
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

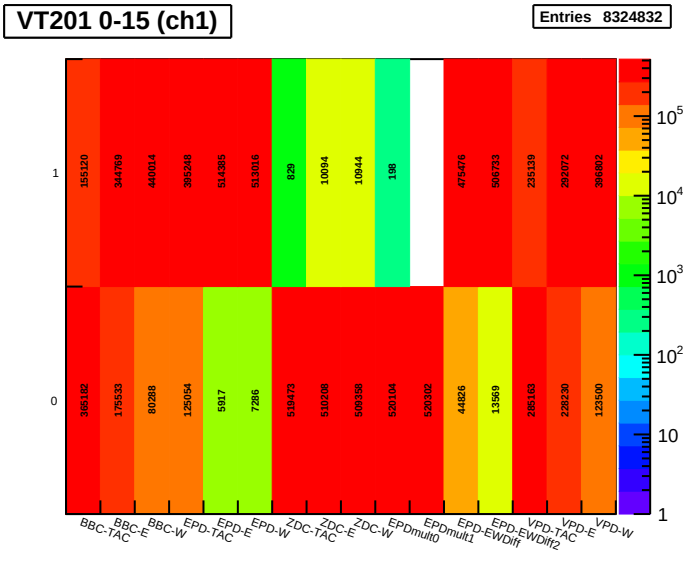

Entries 520302
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

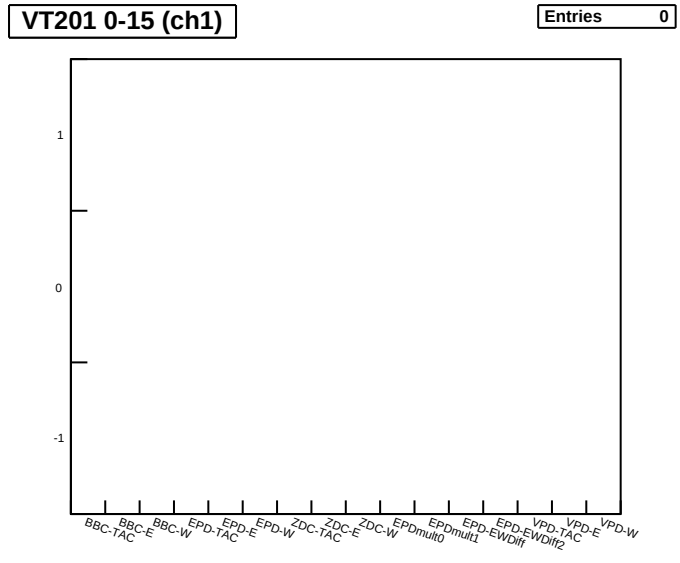

Laser Input Bits
Entries 520302
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

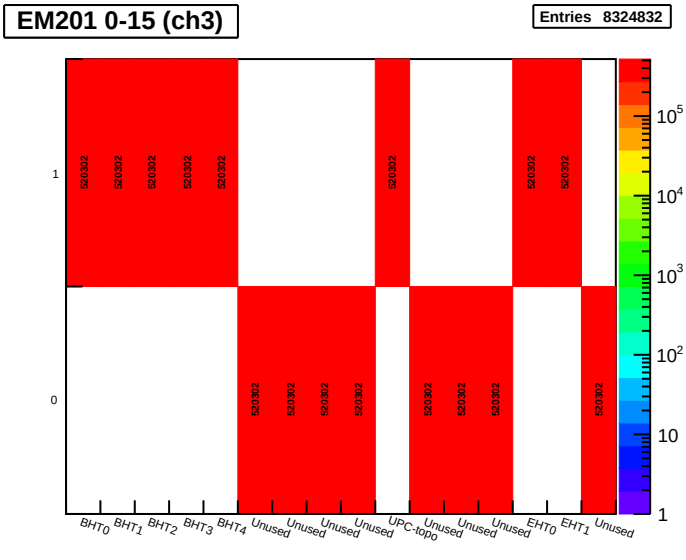

ST201 0-15 (ch6)
Entries 8324832
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520301
520285
1
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

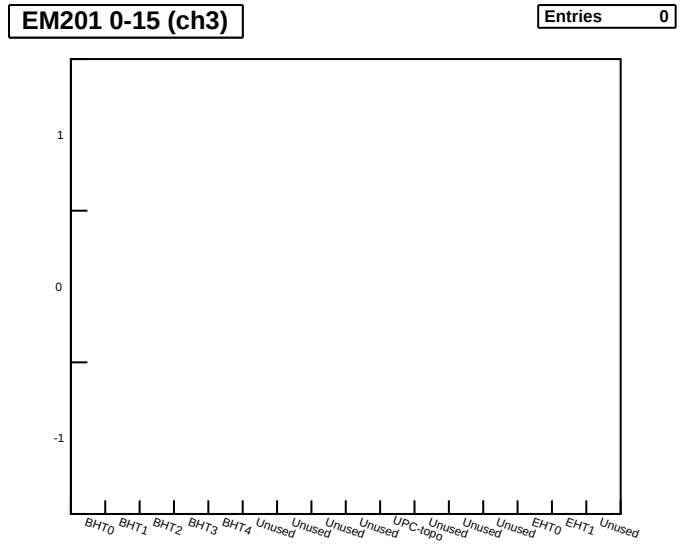

TF201 0-15 (ch0)
Entries 8324832
1
0
520302
514791
468774
452058
345444
435980
434908
430719
520302
520302
520302
520302
520302
5511
51528
68244
174858
520302
84322
85394
89583
520302
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8324832
1
0
155120
344769
440014
395248
514385
513016
829
10094
10944
198
475476
506733
235159
292072
396832
365182
175533
80268
125054
5917
7286
519473
510208
509358
520104
520302
44826
13569
285163
228230
123500
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 8324832
1
0
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
520302
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1