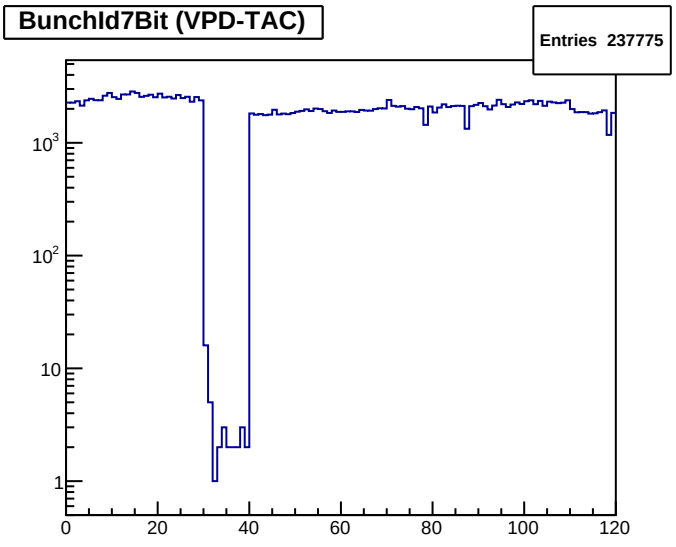
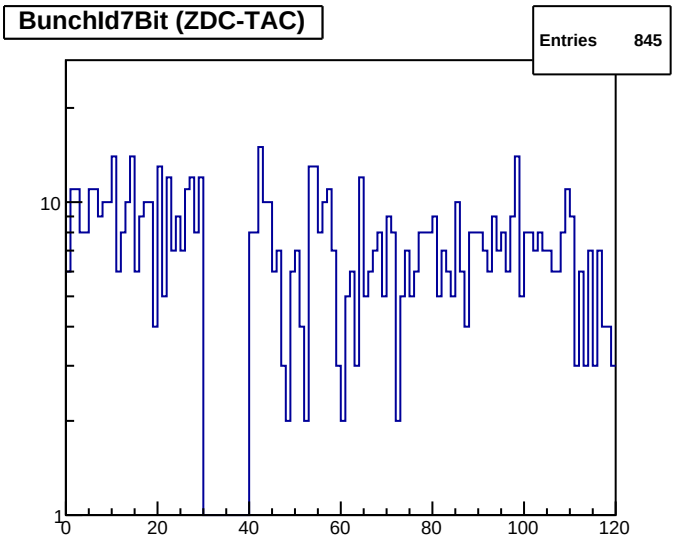
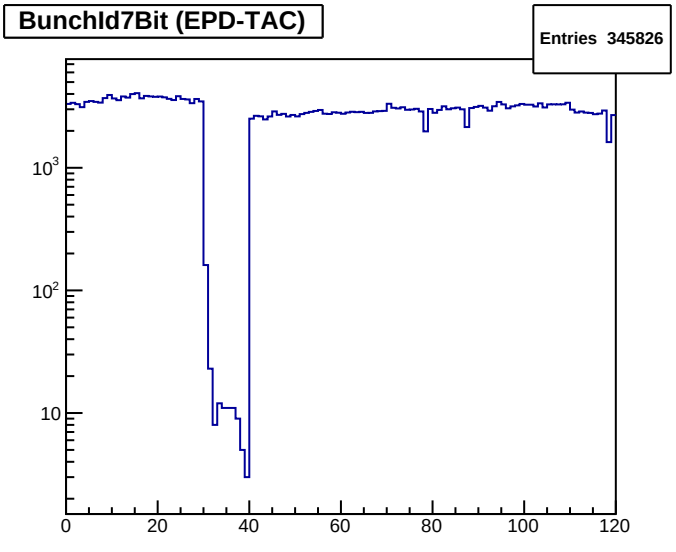
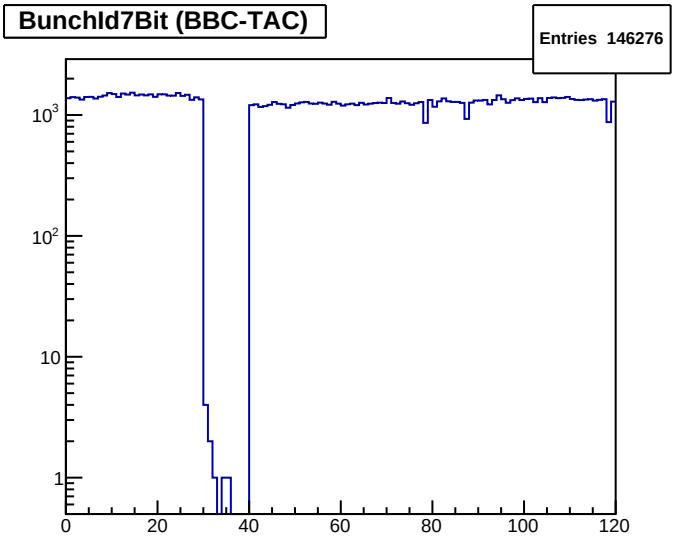
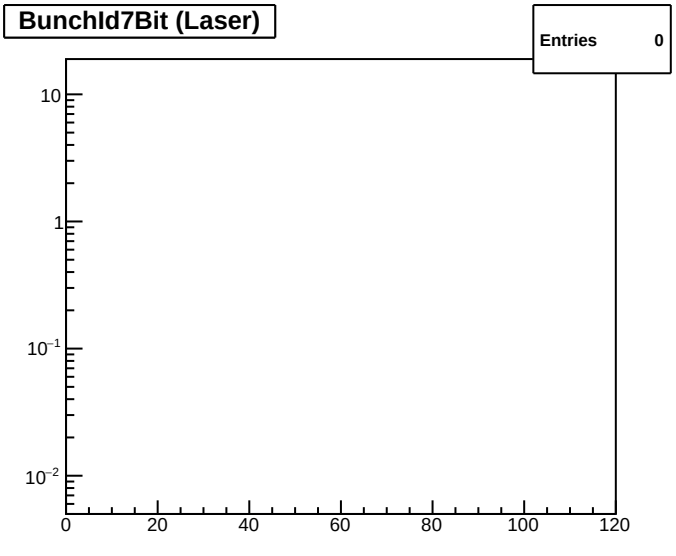
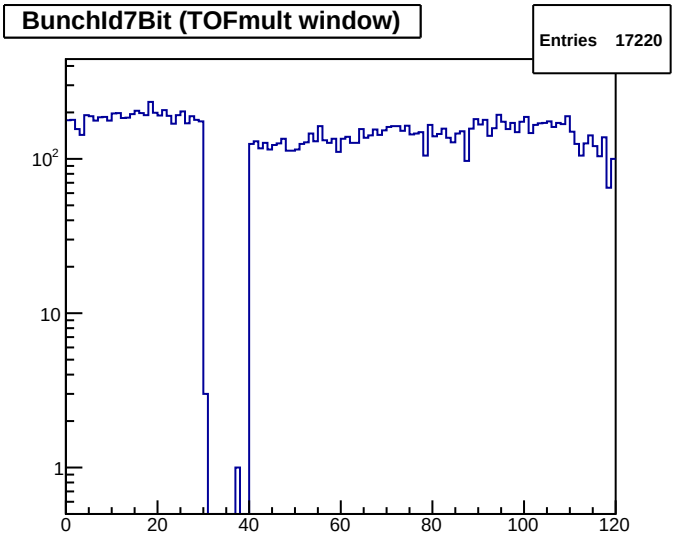

BunchId7Bit (VPD-TAC)
Entries 237775

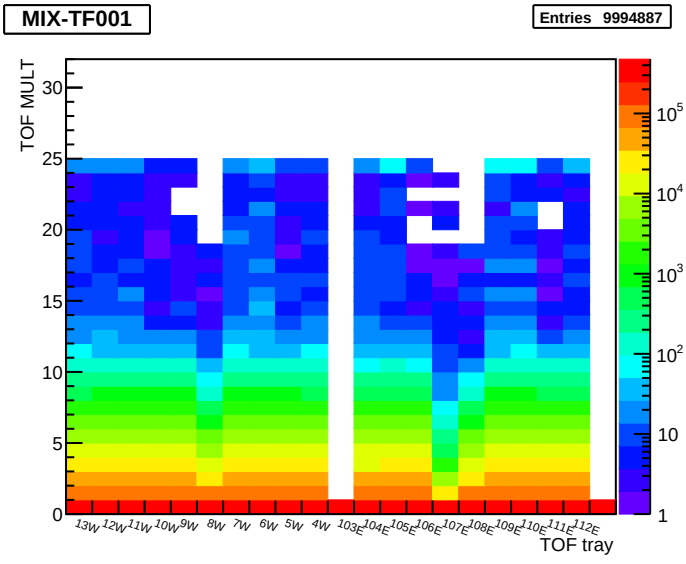

BunchId7Bit (ZDC-TAC)
Entries 845

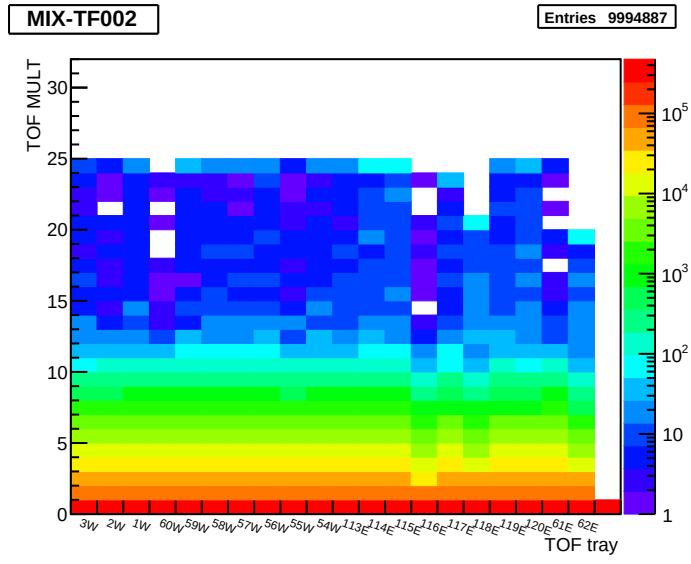

BunchId7Bit (EPD-TAC)
Entries 345826

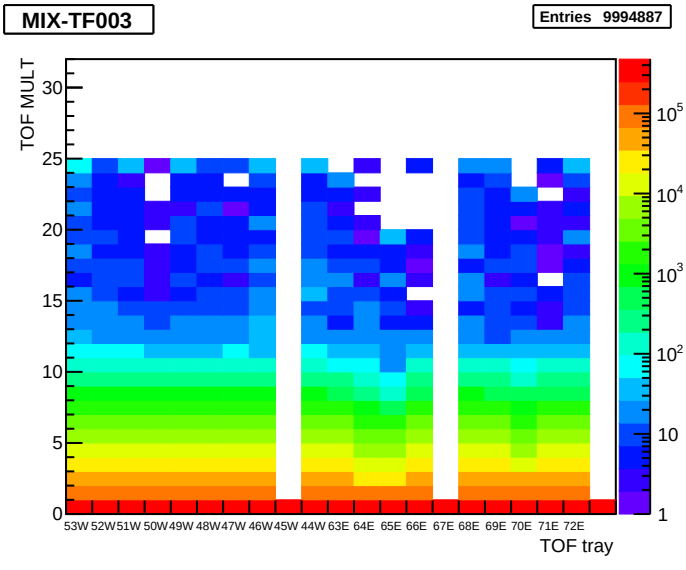

BunchId7Bit (BBC-TAC)
Entries 146276

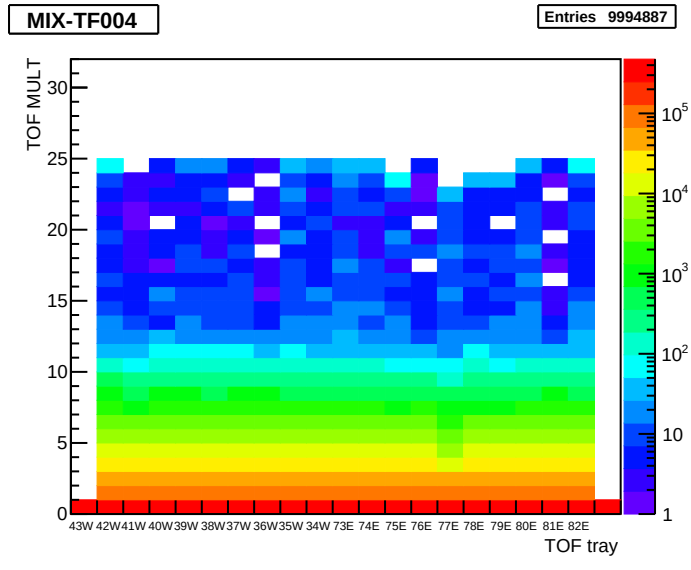

BunchId7Bit (Laser)
Entries 0

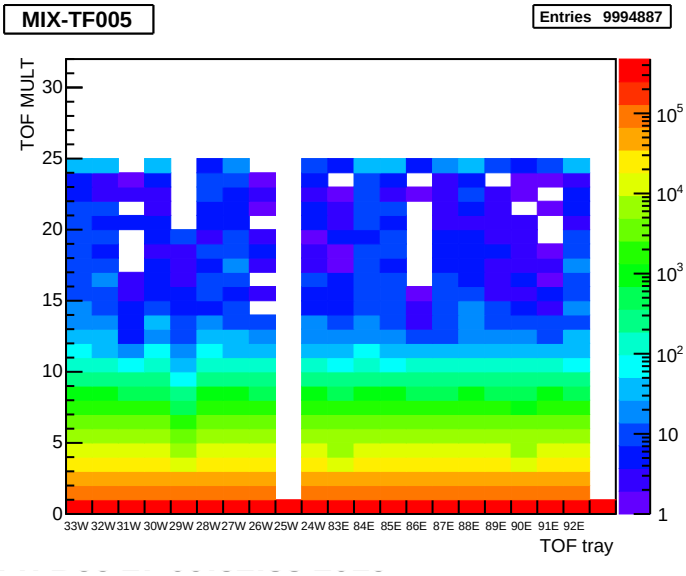

BunchId7Bit (TOFmult window)
Entries 17220

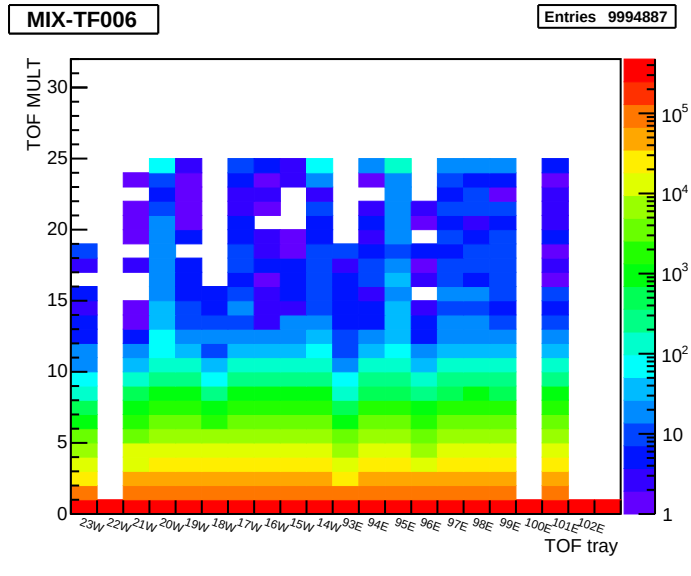

MIX-TF001
Entries 9994887
TOF MULT
TOF tray

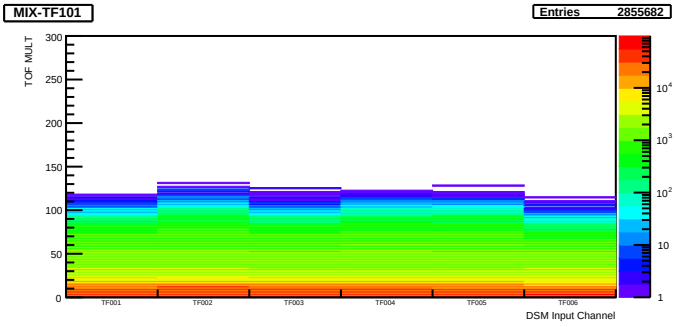

MIX-TF002
Entries 9994887
TOF MULT
TOF tray

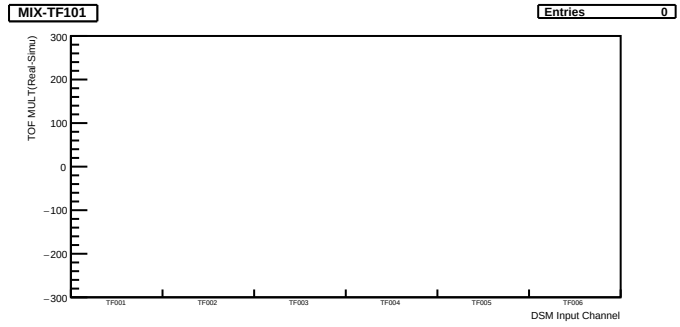

MIX-TF003
Entries 9994887
TOF MULT
TOF tray

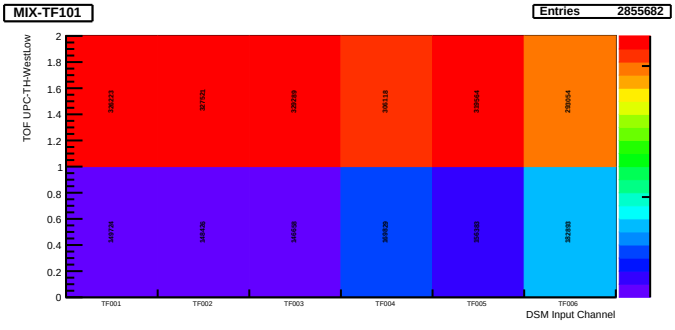

MIX-TF004
Entries 9994887
TOF MULT
TOF tray

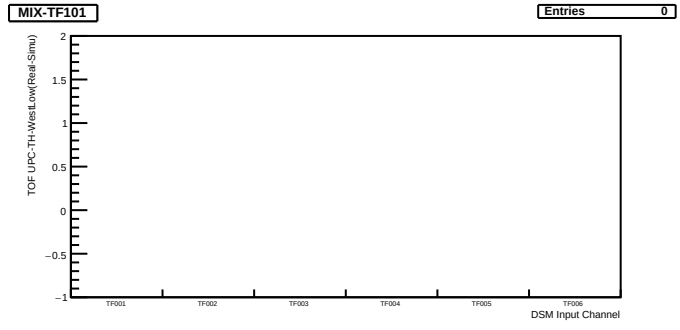

MIX-TF005
Entries 9994887
TOF MULT
TOF tray

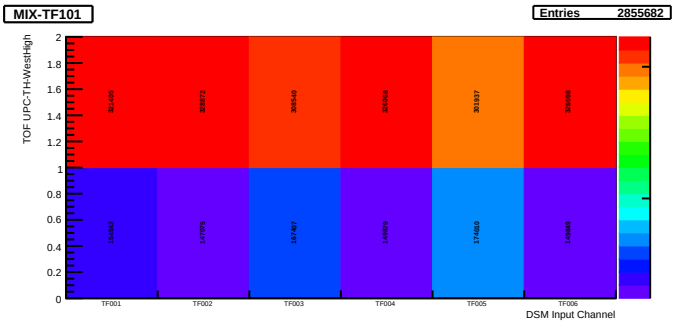

MIX-TF006
Entries 9994887
TOF MULT
TOF tray

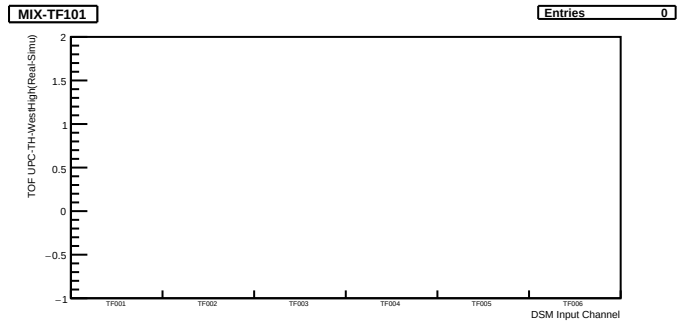

MIX-TF101
Entries 2855682
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

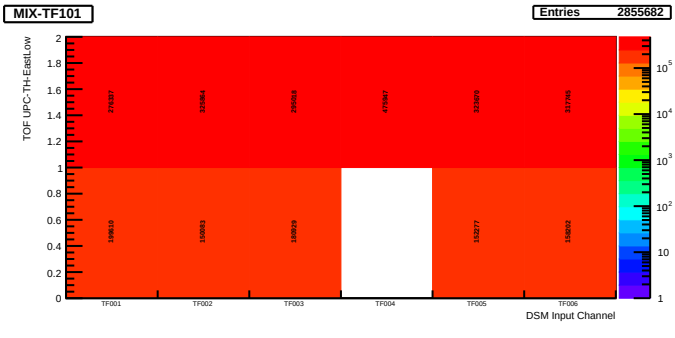

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

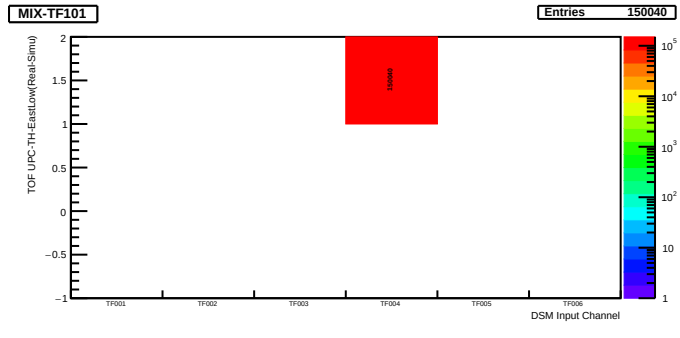

MIX-TF101
Entries 2855682
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

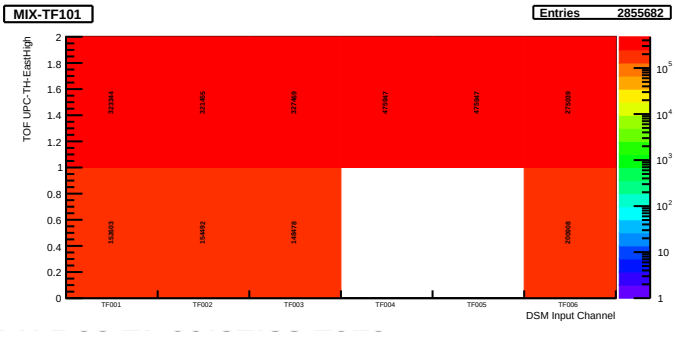

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

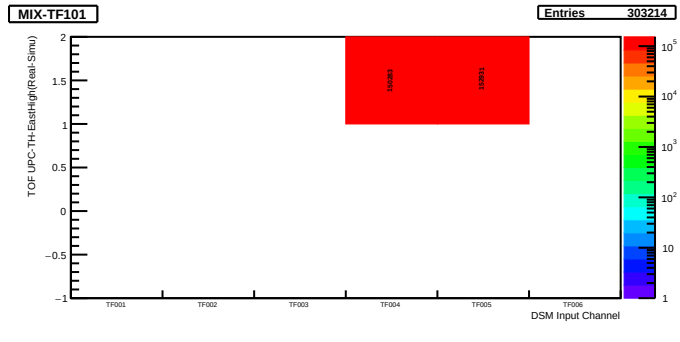

MIX-TF101
Entries 2855682
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

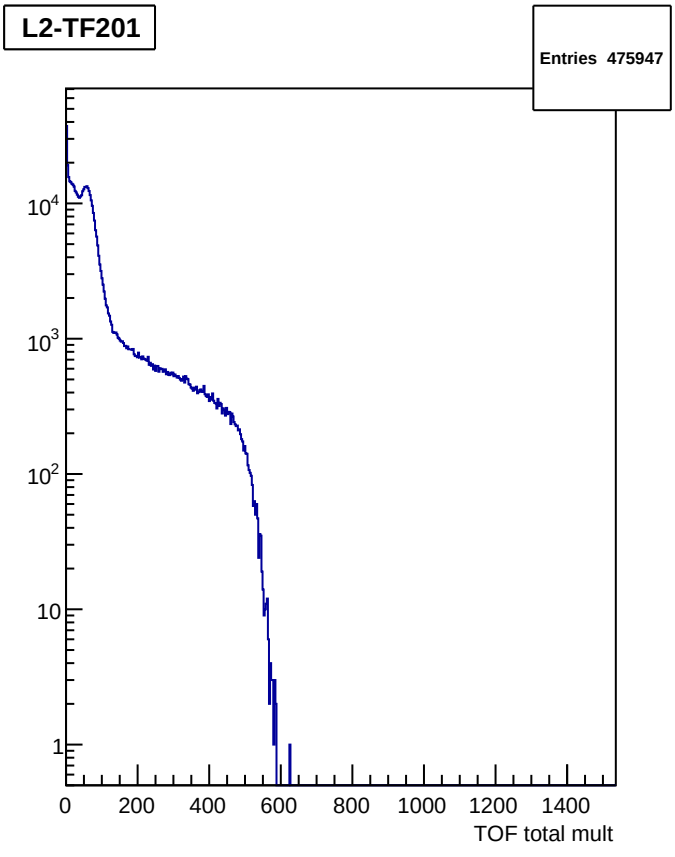

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

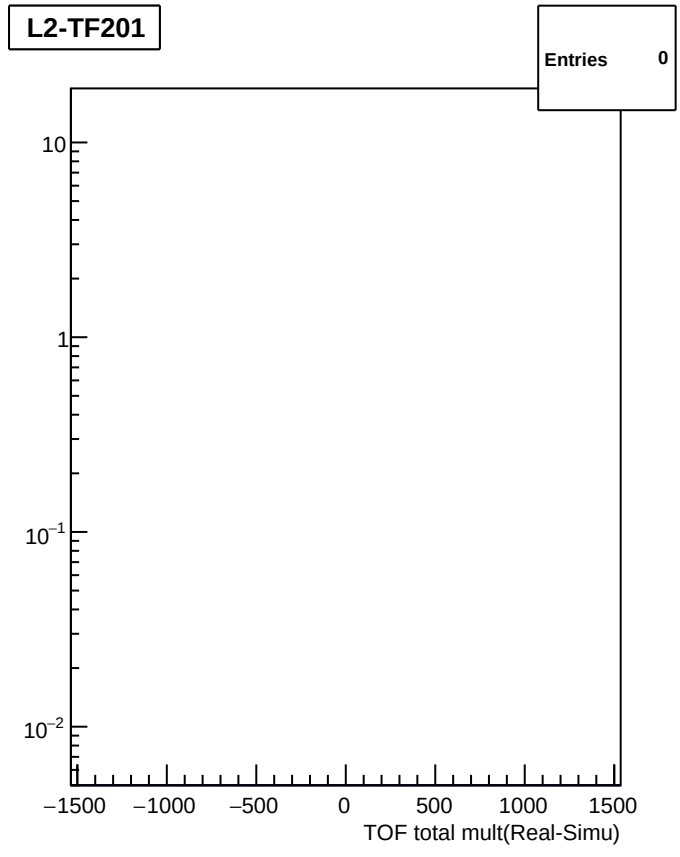

MIX-TF101
Entries 2855682
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

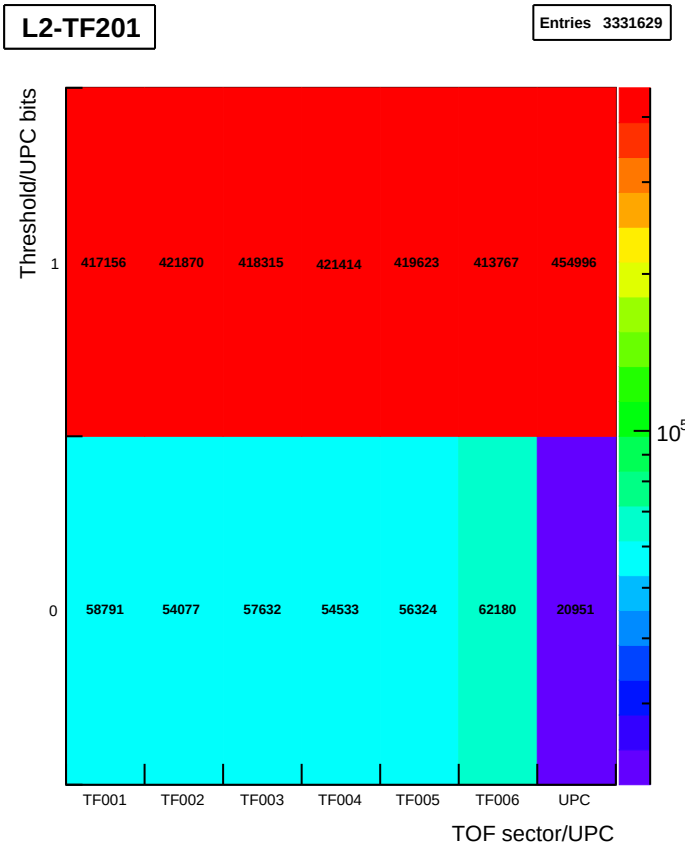

MIX-TF101
Entries 150040
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

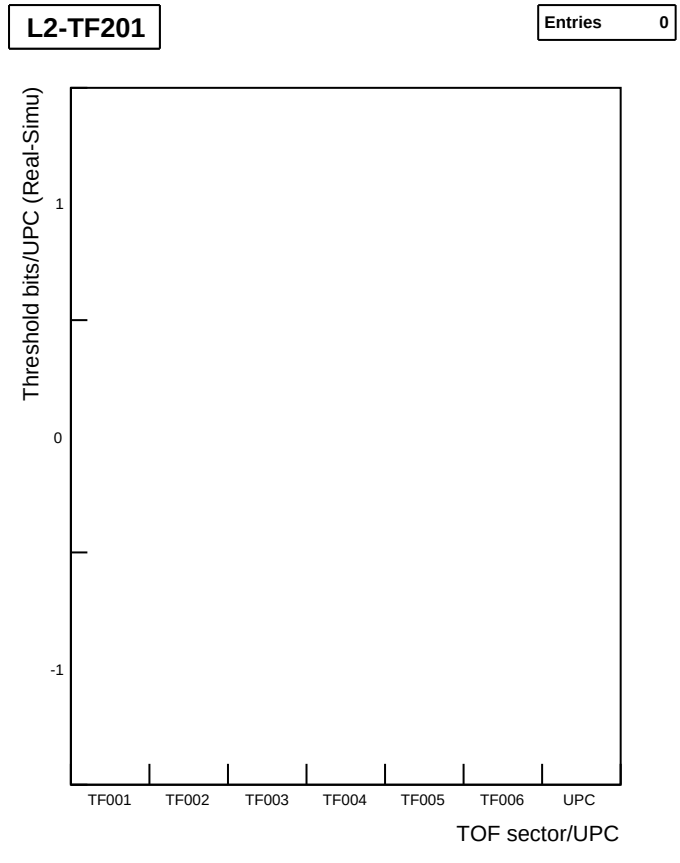

MIX-TF101
Entries 2855682
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

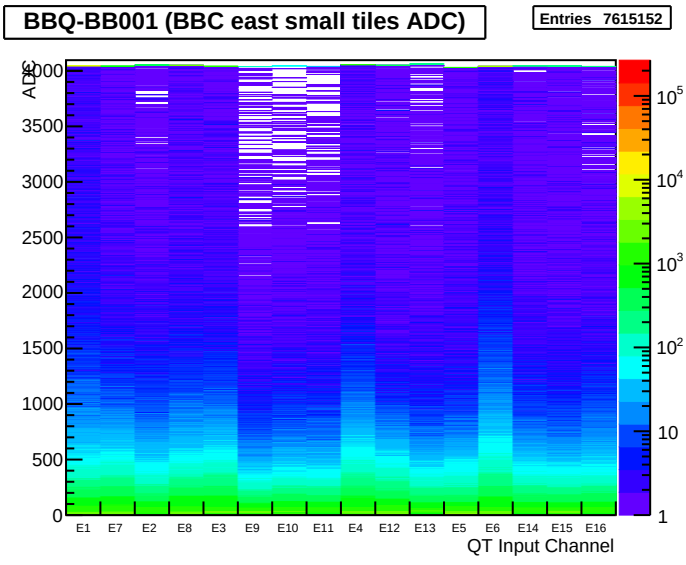

MIX-TF101
Entries 303214
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

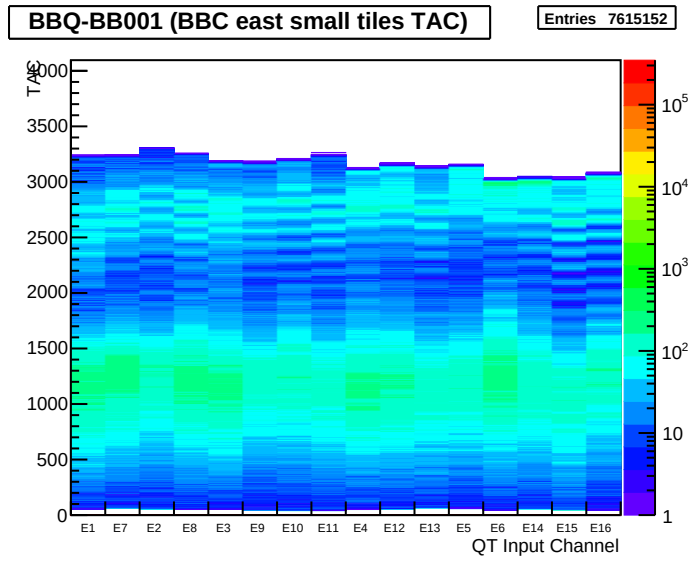

L2-TF201
Entries 475947
TOF total mult

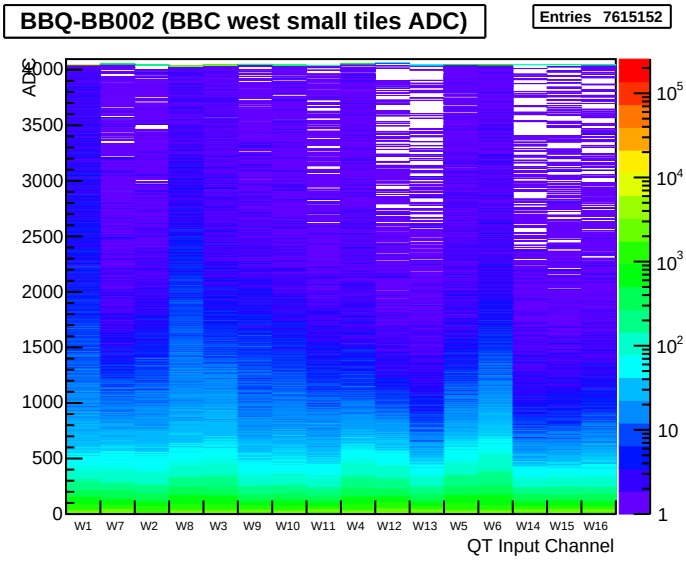

L2-TF201
Entries 0
TOF total mult(Real-Simu)

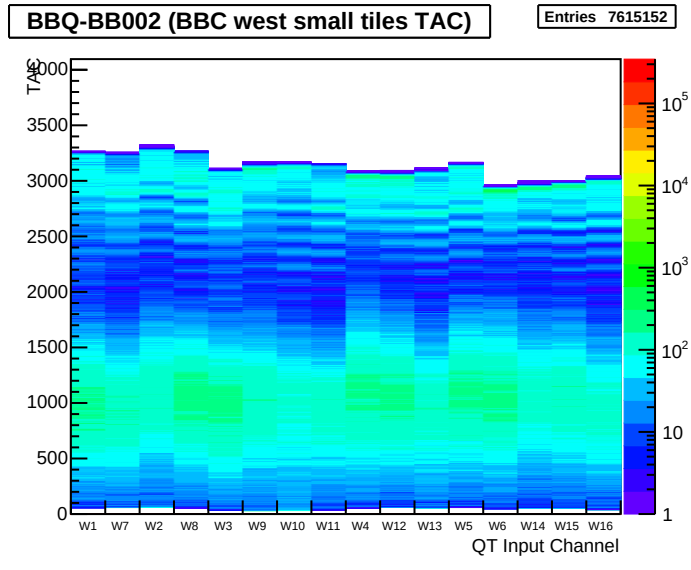

L2-TF201
Entries 3331629
Threshold/UPC bits
417156
421870
418315
421414
419623
413767
454996
58791
54077
57632
54533
56324
62180
20951
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

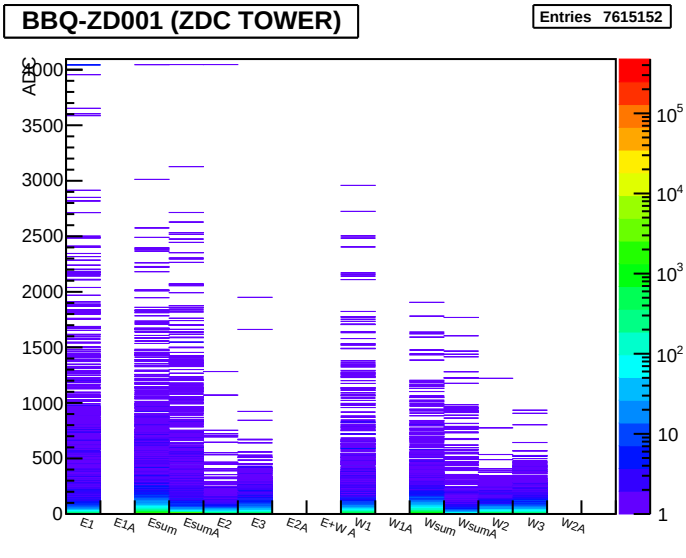

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

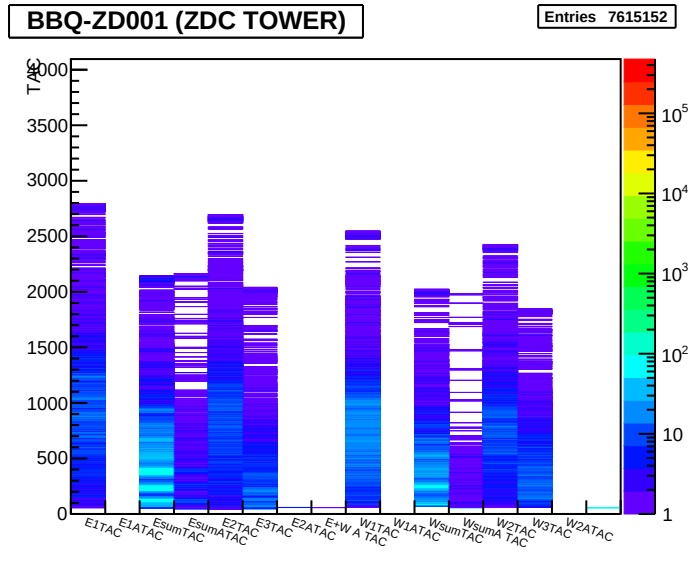

BBQ-BB001 (BBC east small tiles ADC)
Entries 7615152
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

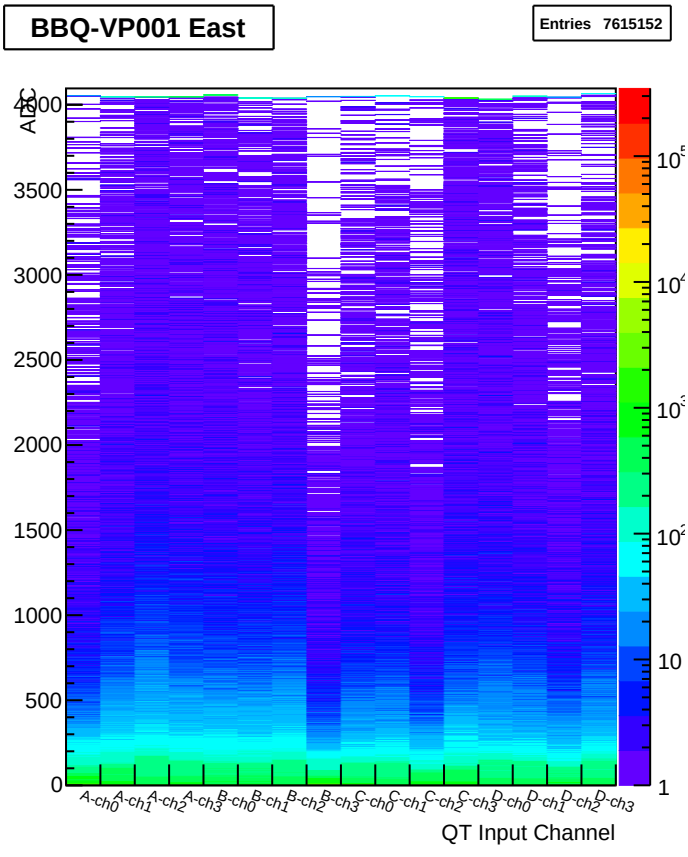

BBQ-BB001 (BBC east small tiles TAC)
Entries 7615152
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

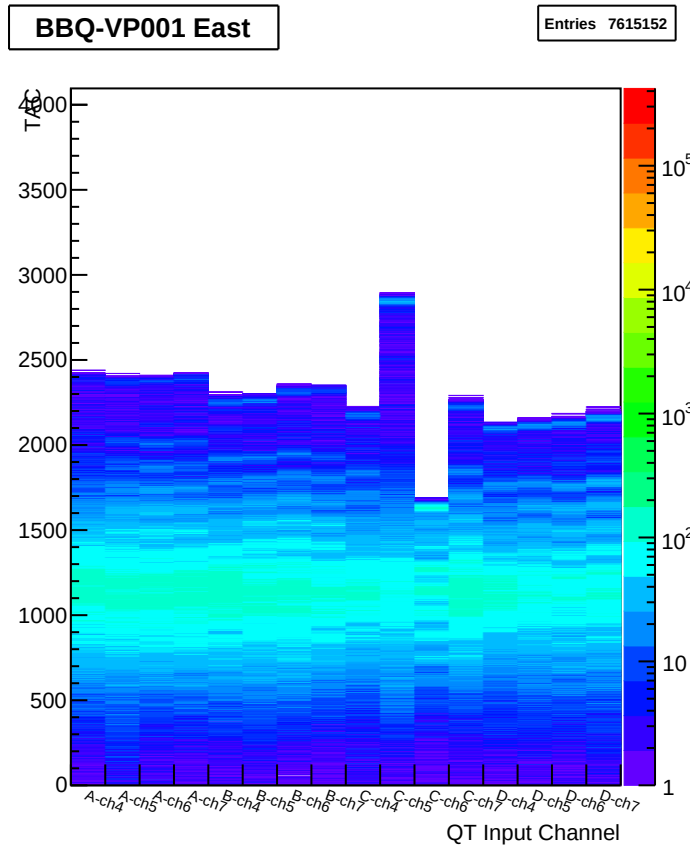

BBQ-BB002 (BBC west small tiles ADC)
Entries 7615152
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

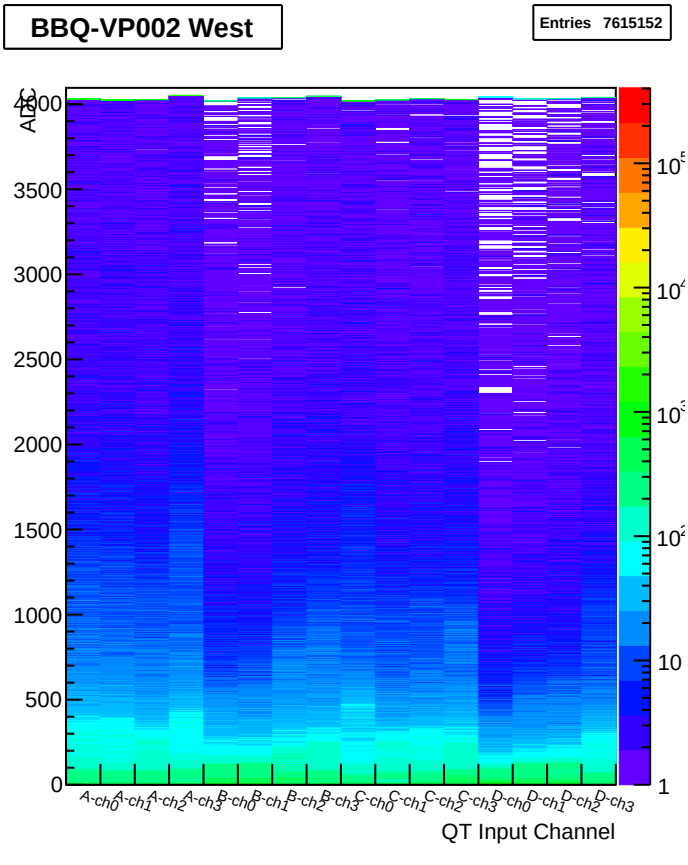

BBQ-BB002 (BBC west small tiles TAC)
Entries 7615152
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

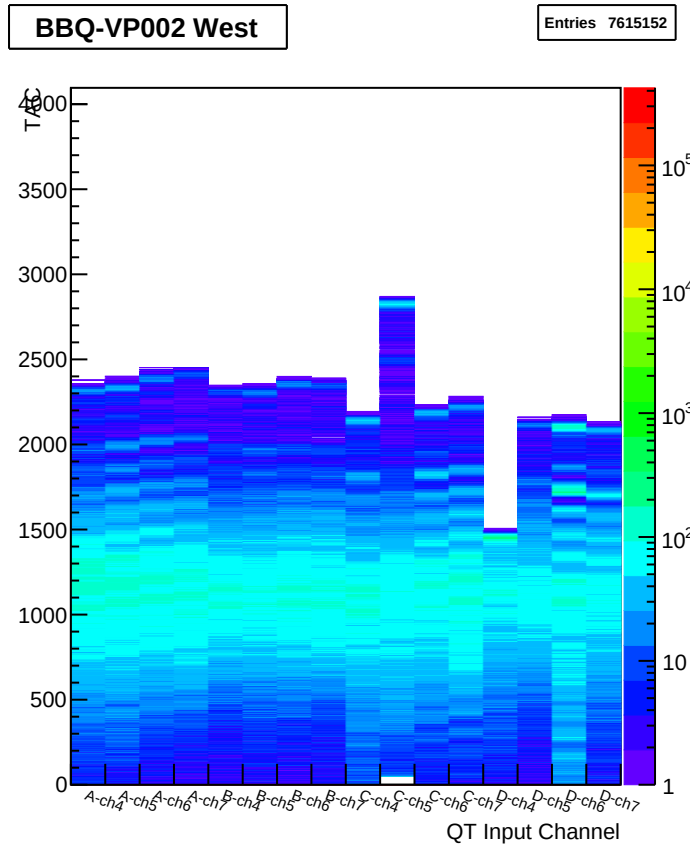

BBQ-ZD001 (ZDC TOWER)
Entries 7615152
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

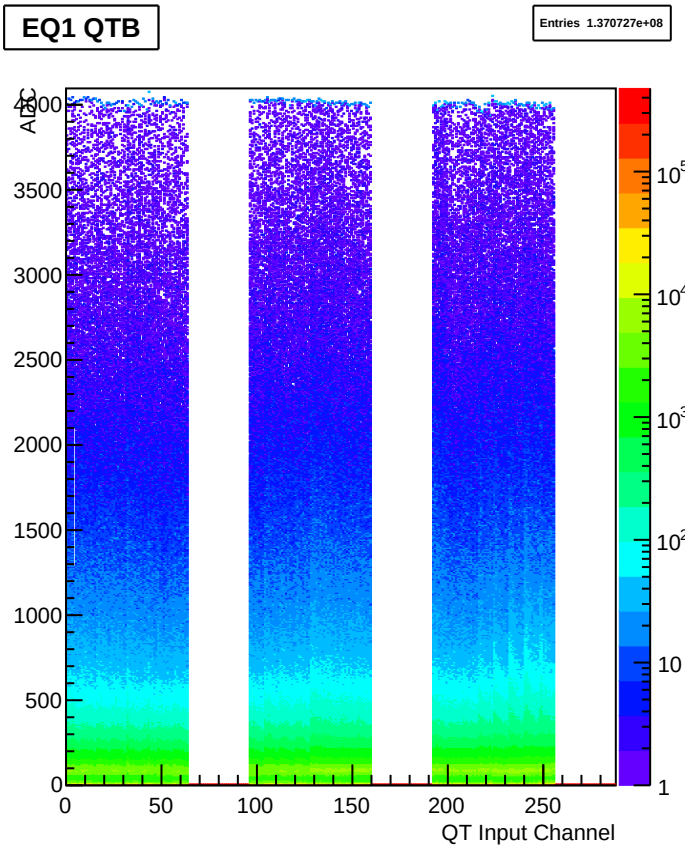

BBQ-ZD001 (ZDC TOWER)
Entries 7615152
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

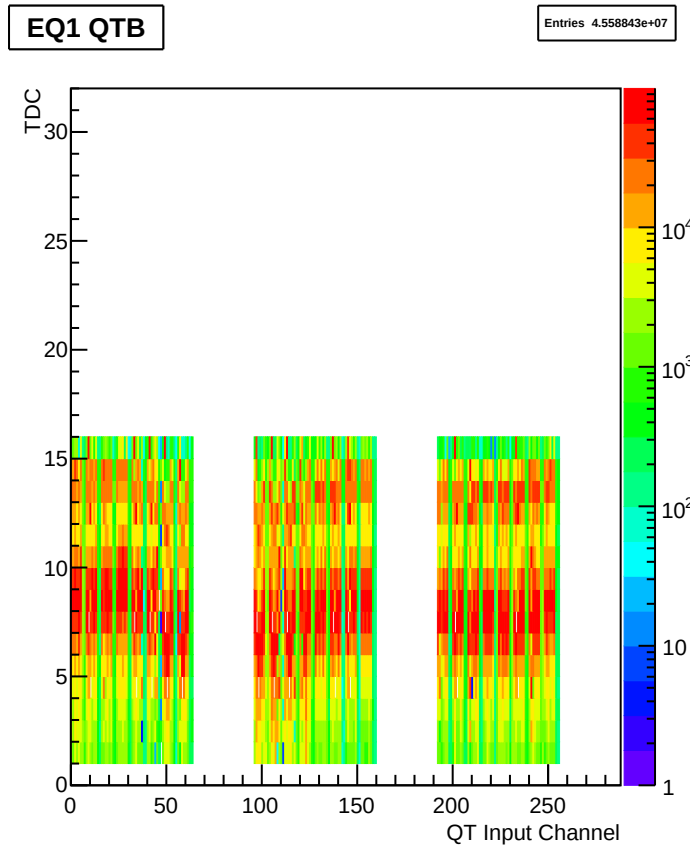

BBQ-VP001 East
Entries 7615152
ADC
QT Input Channel

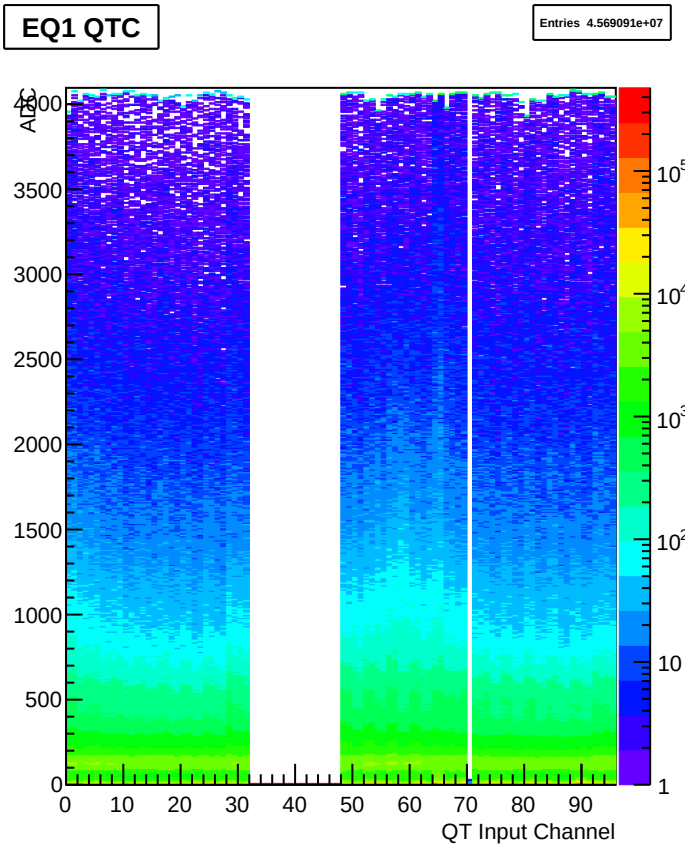

BBQ-VP001 East
Entries 7615152
ADC
QT Input Channel

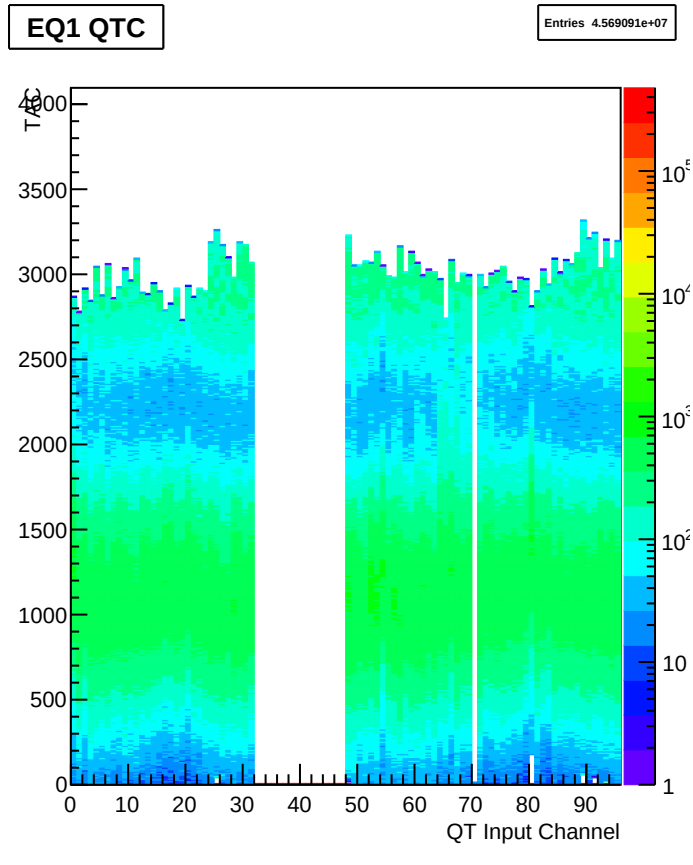

BBQ-VP002 West
Entries 7615152
ADC
QT Input Channel

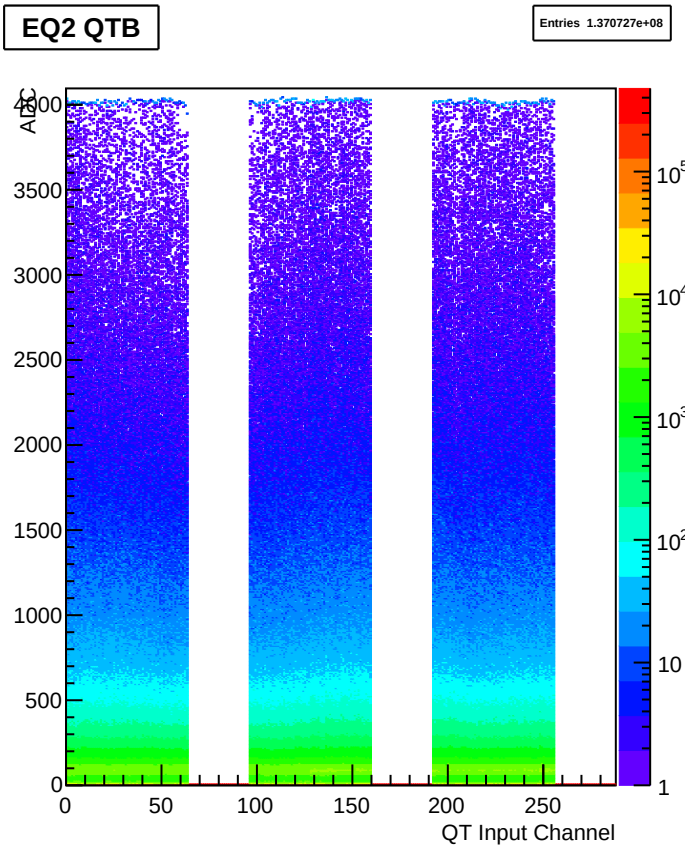

BBQ-VP002 West
Entries 7615152
ADC
QT Input Channel

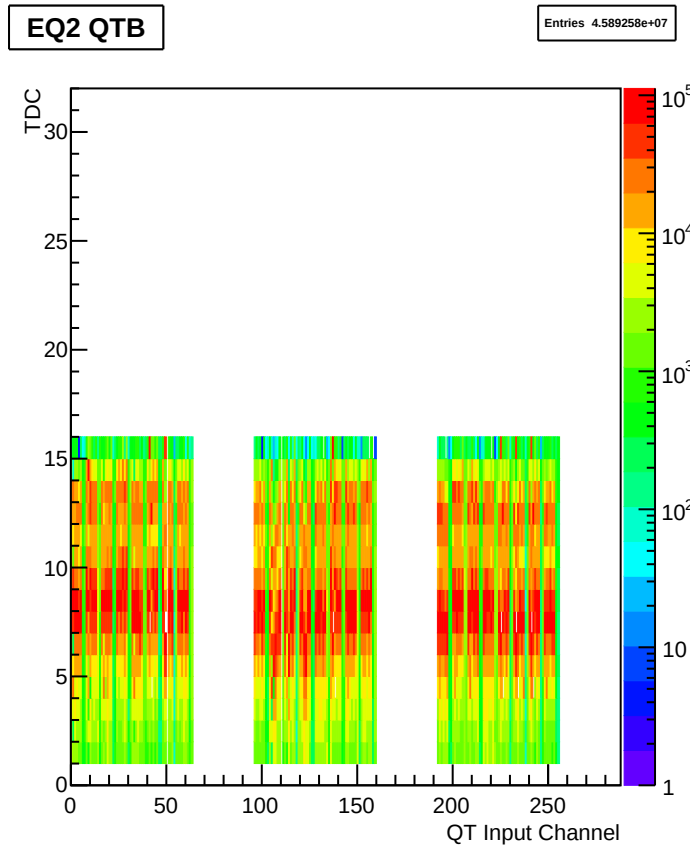

EQ1 QTB
Entries 1.370727e+08
ADC
QT Input Channel

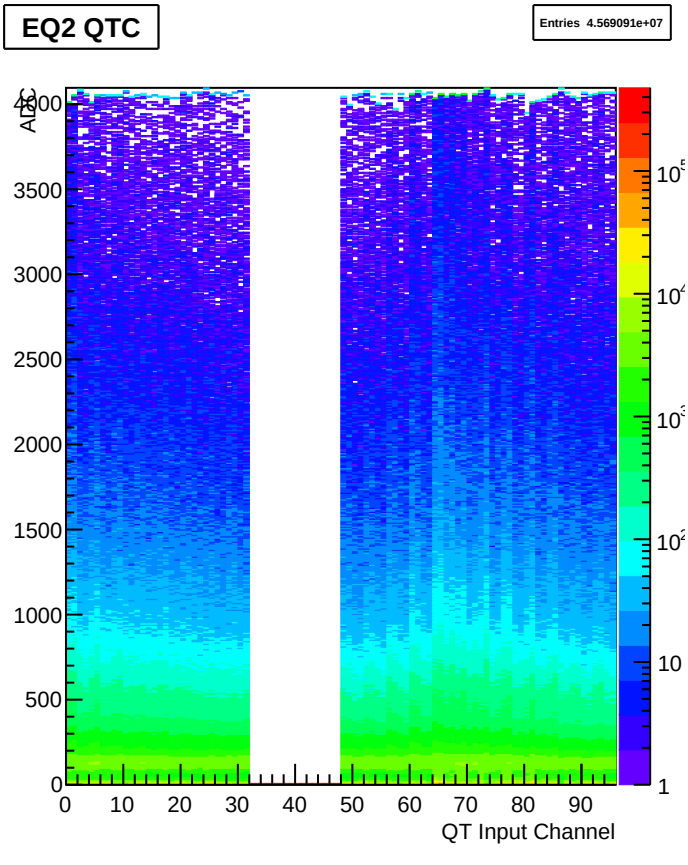

EQ1 QTB
Entries 4.558843e+07
TDC
QT Input Channel

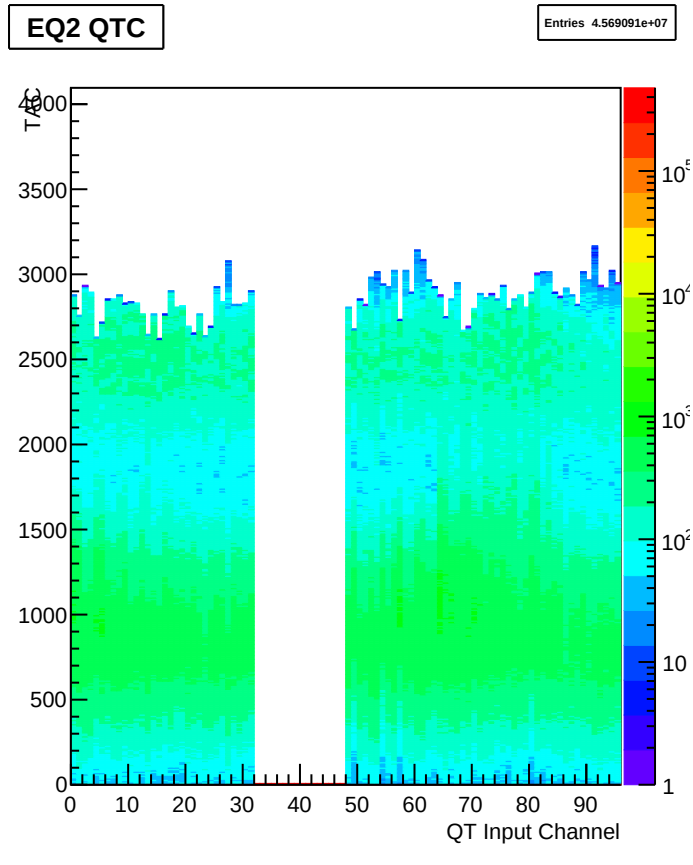

EQ1 QTC
Entries 4.569091e+07
ADC
QT Input Channel

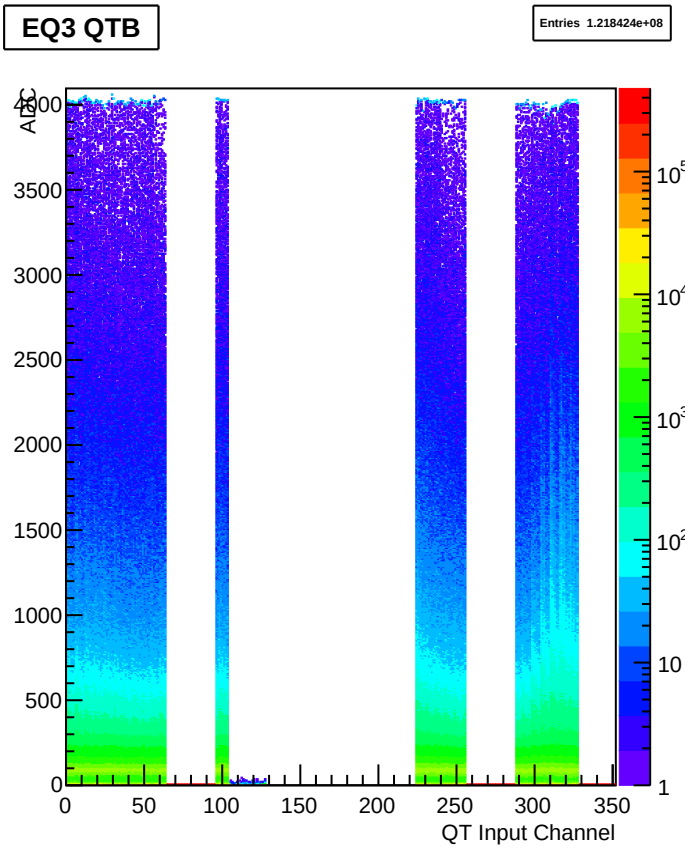

EQ1 QTC
Entries 4.569091e+07
TADC
QT Input Channel

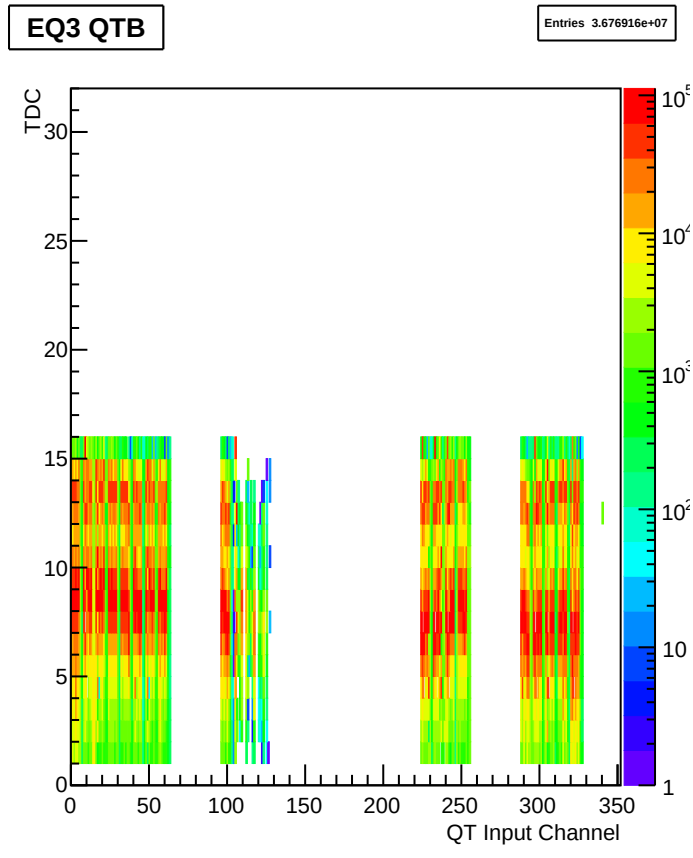

EQ2 QTB
Entries 1.370727e+08
ADC
QT Input Channel

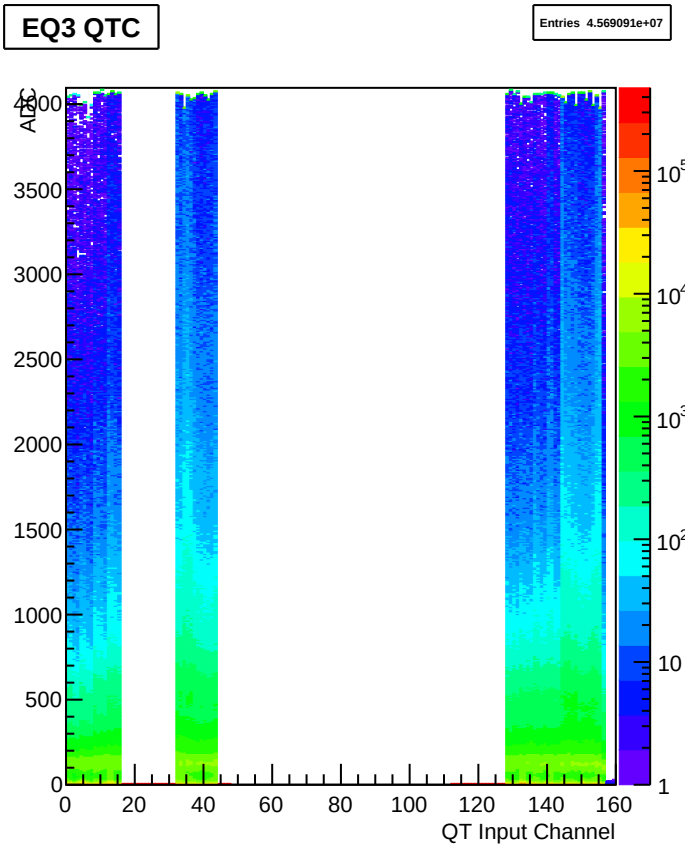

EQ2 QTB
Entries 4.589258e+07
TDC
QT Input Channel

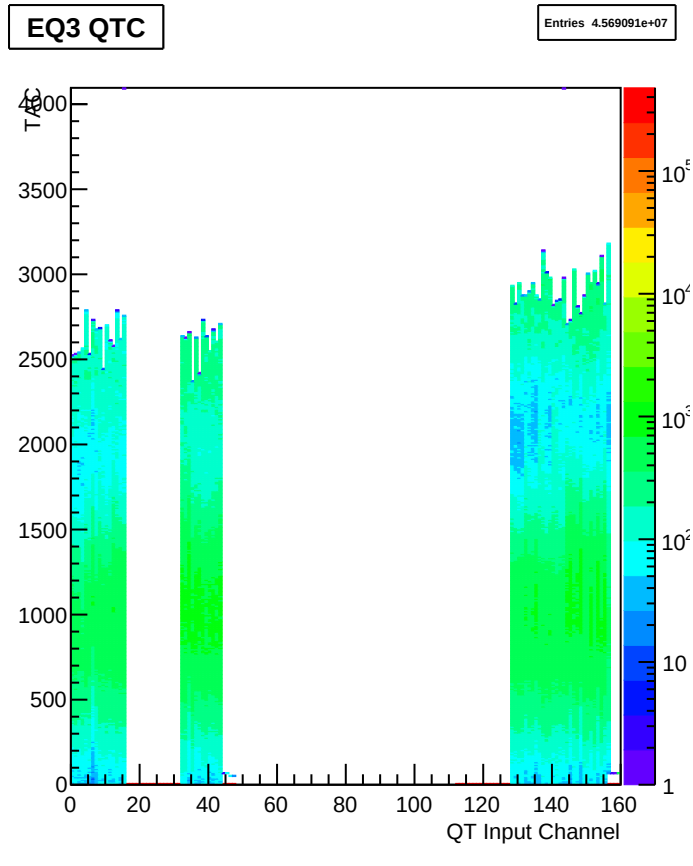

EQ2 QTC
Entries 4.569091e+07
ADC
QT Input Channel

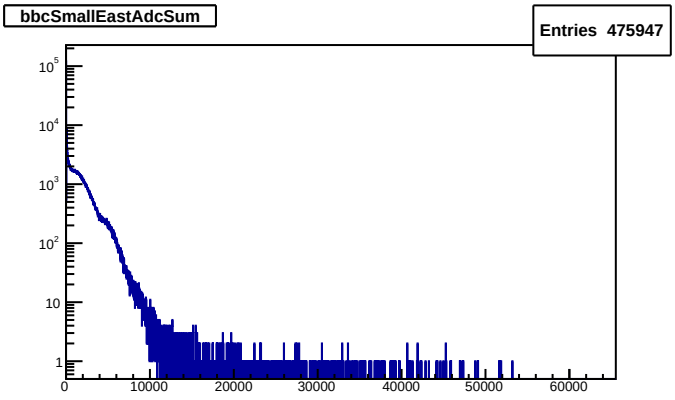

EQ2 QTC
Entries 4.569091e+07
TADC
QT Input Channel

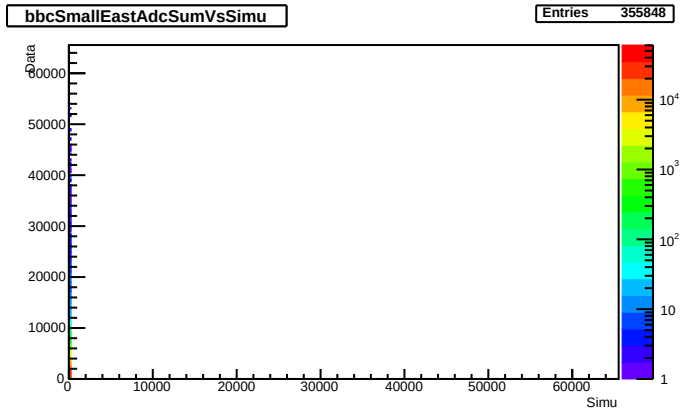

EQ3 QTB
Entries 1.218424e+08
ADC
QT Input Channel

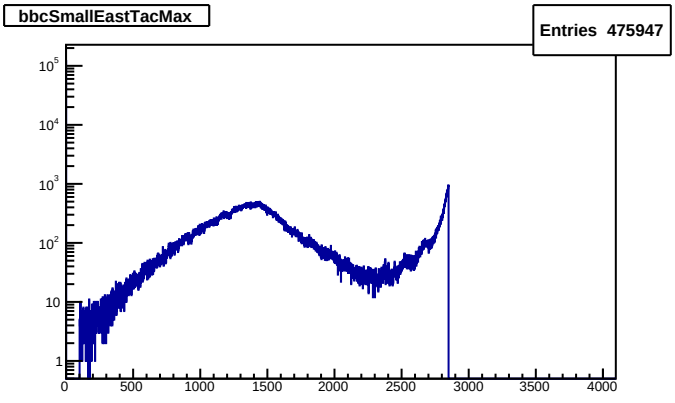

EQ3 QTB
Entries 3.676916e+07
TDC
QT Input Channel

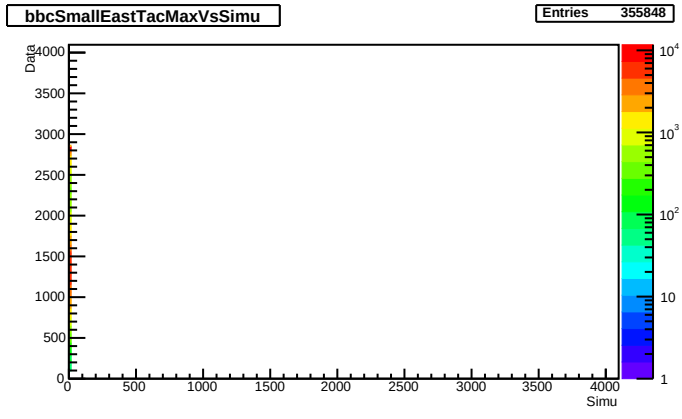

EQ3 QTC
Entries 4.569091e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.569091e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 475947


bbcSmallEastAdcSumVsSimu
Entries 355848
Data
Simu


bbcSmallEastTacMax
Entries 475947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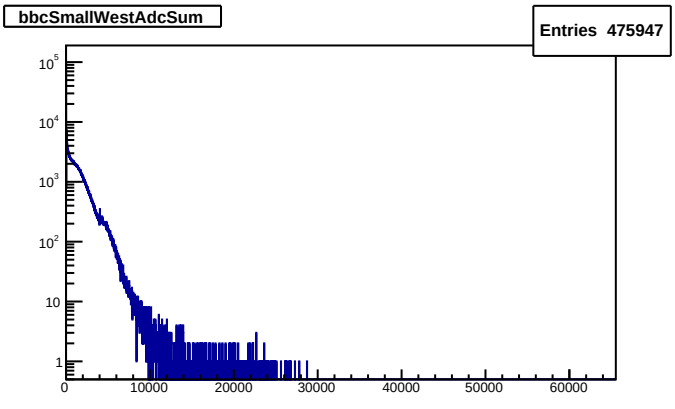
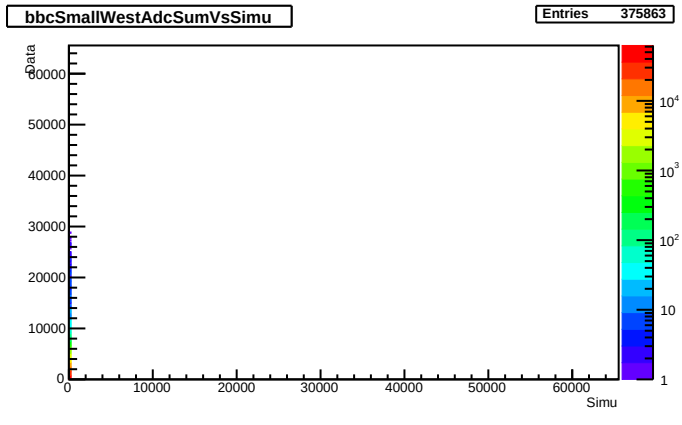
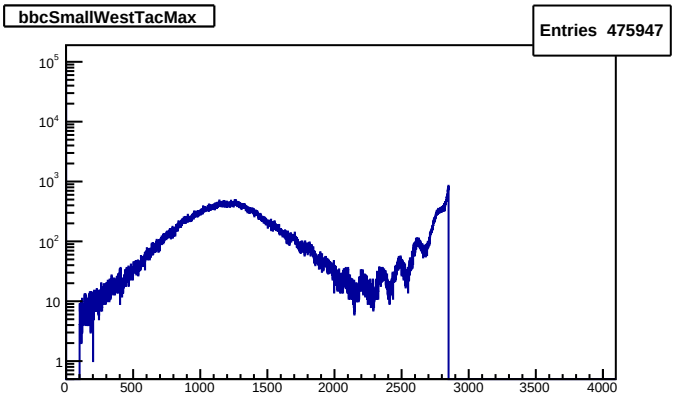
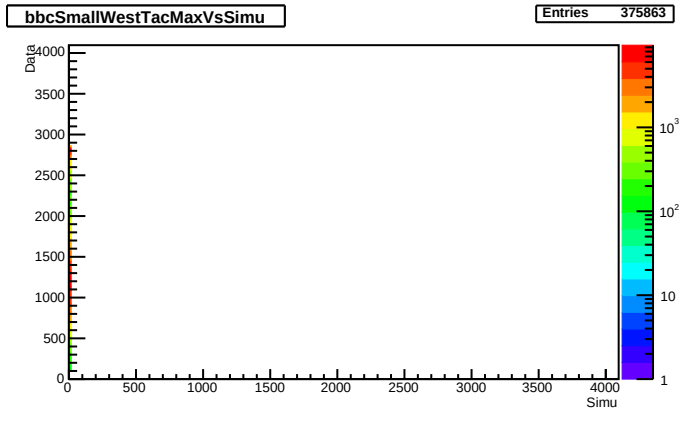
Entries 355848
Data
Simu


bbcSmallWestAdcSum
Entries 475947


bbcSmallWestAdcSumVsSimu
Entries 375863
Data
Simu


bbcSmallWestTacMax
Entries 475947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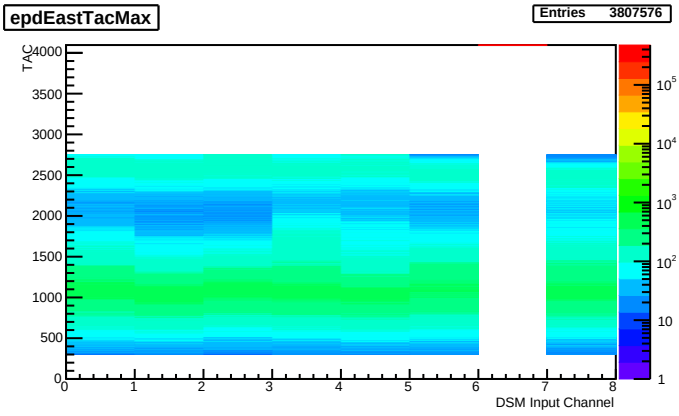
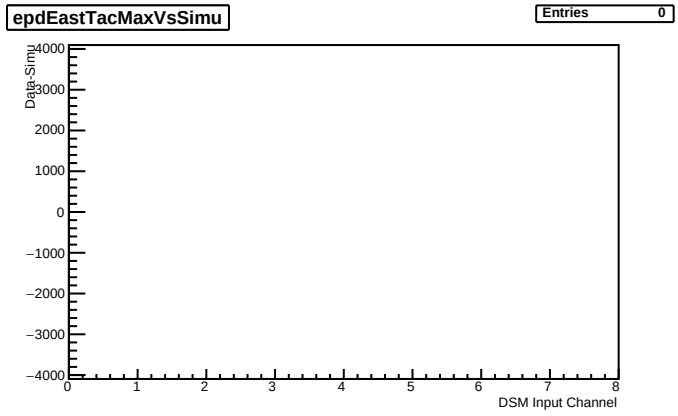
Entries 375863
Data
Simu


epdEastTacMax
Entries 3807576
TAC
DSM Input Channel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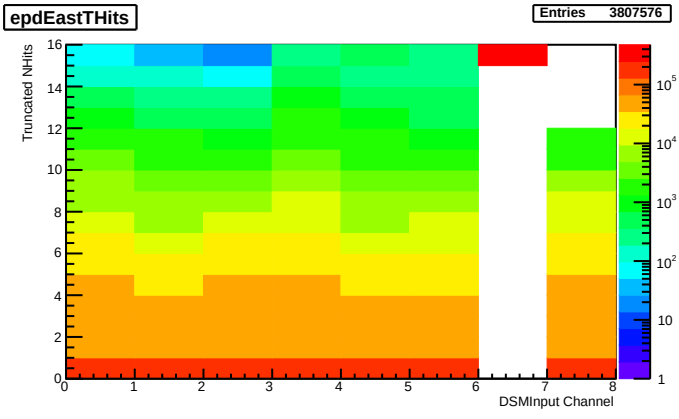
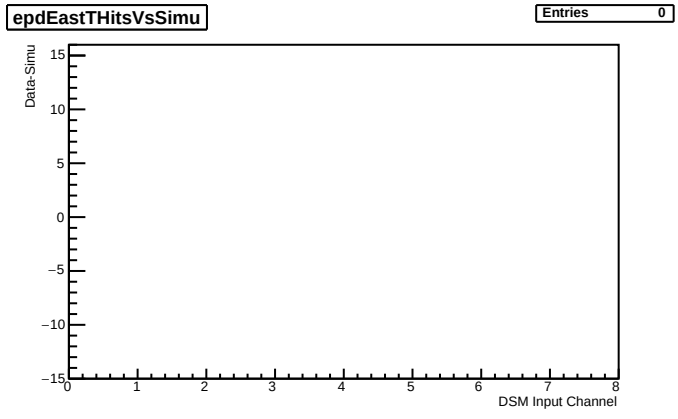
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3807576
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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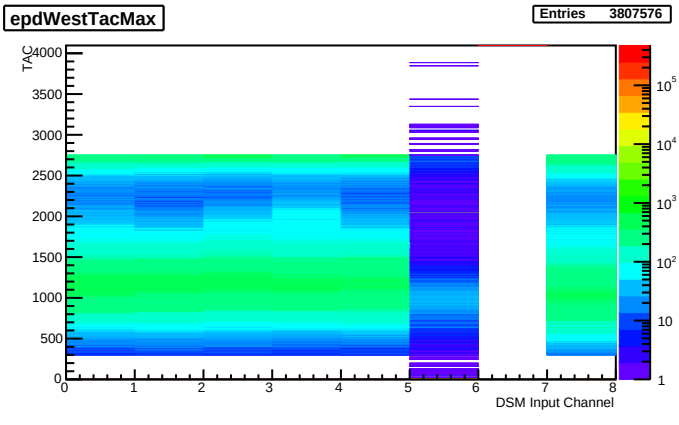
Data-Simu
DSM Input Channel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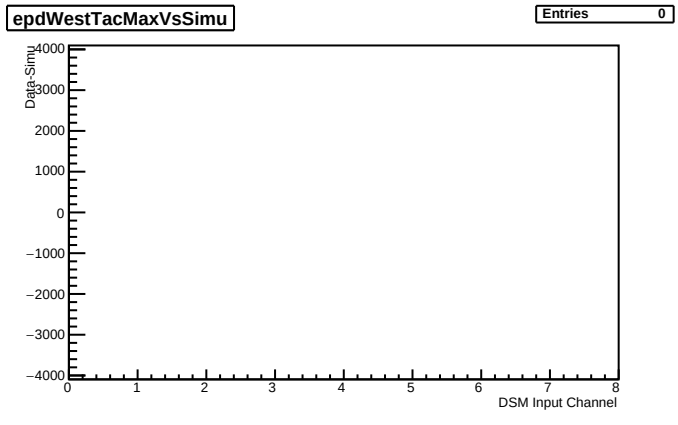
Entries 3807576
TAC
DSM Input Channel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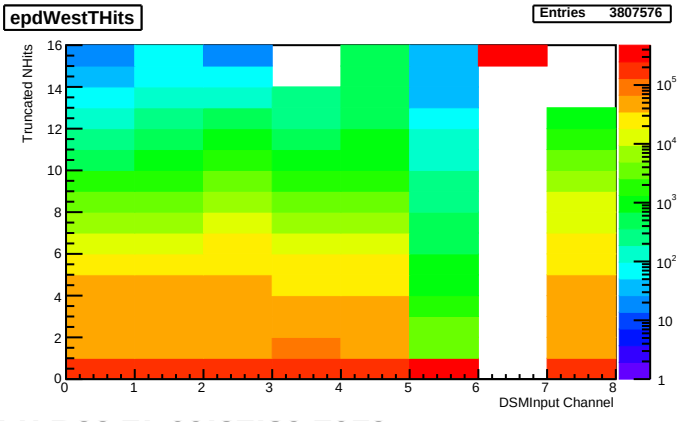
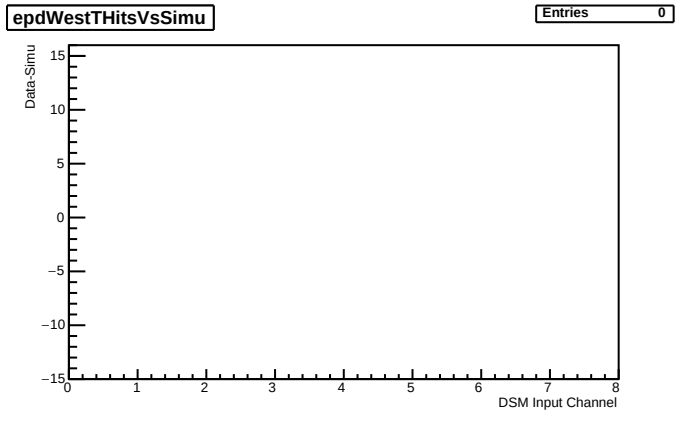
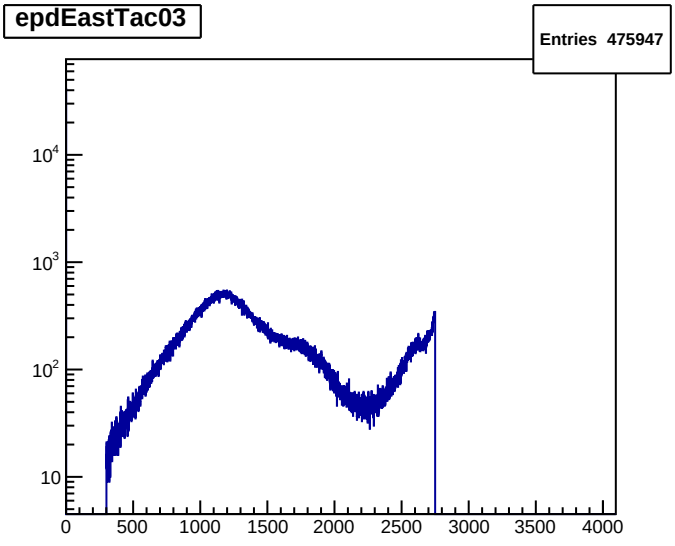
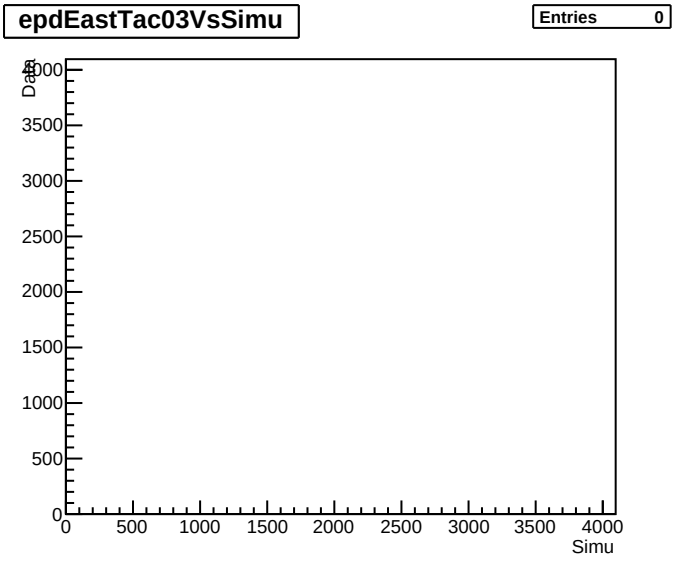
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3807576
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 475947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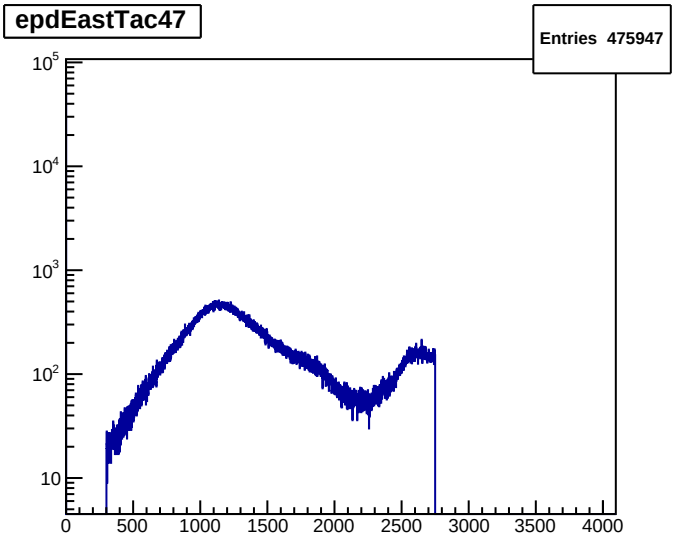
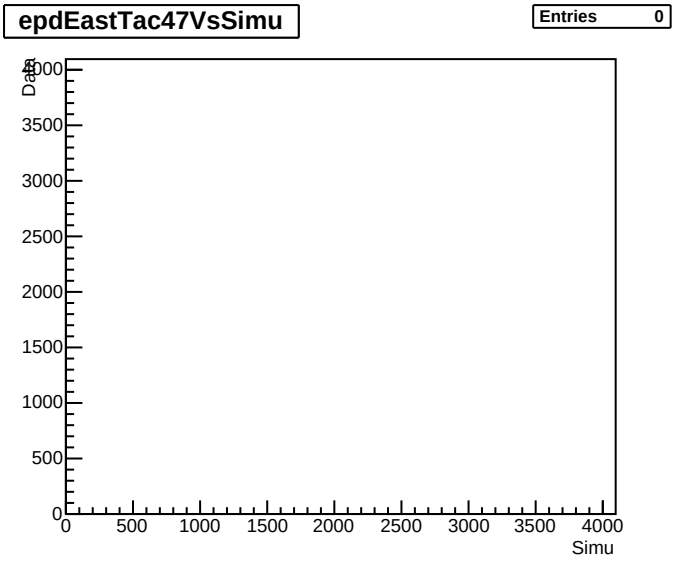
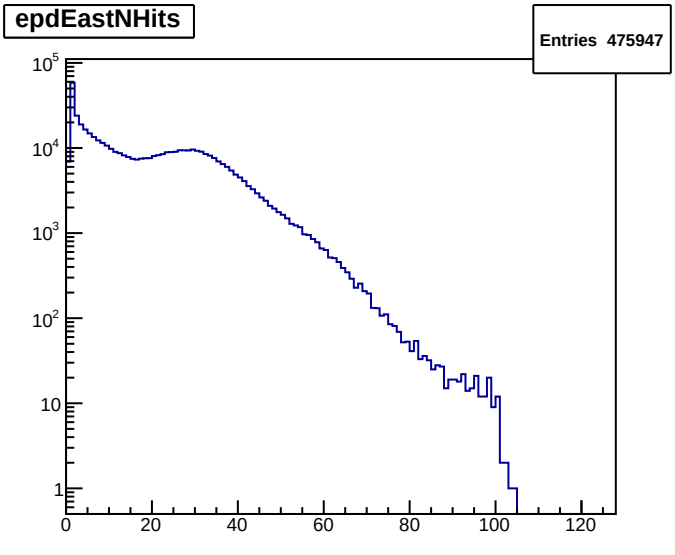
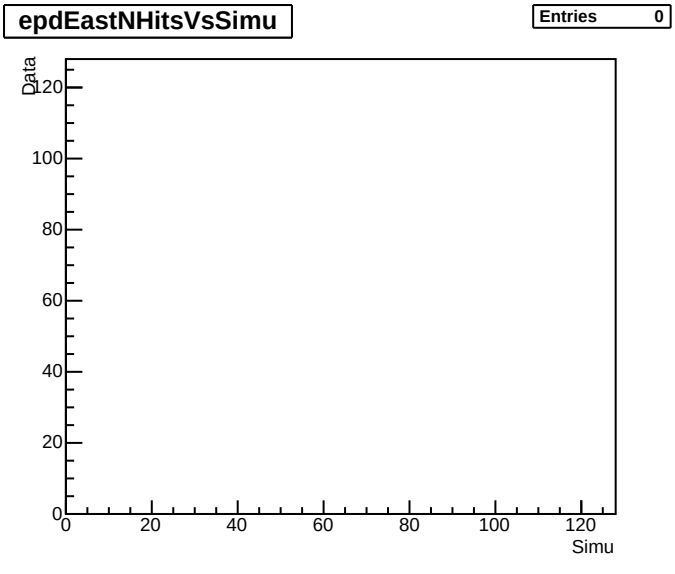
Entries 0
Data
Simu


epdEastTac47
Entries 475947


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 475947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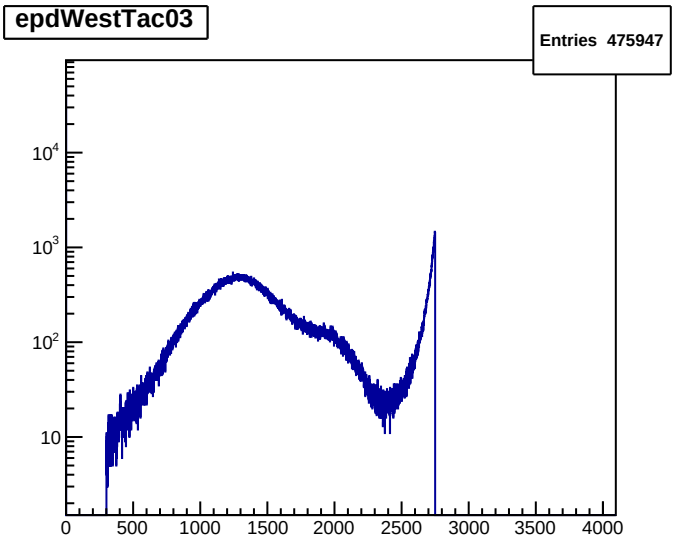
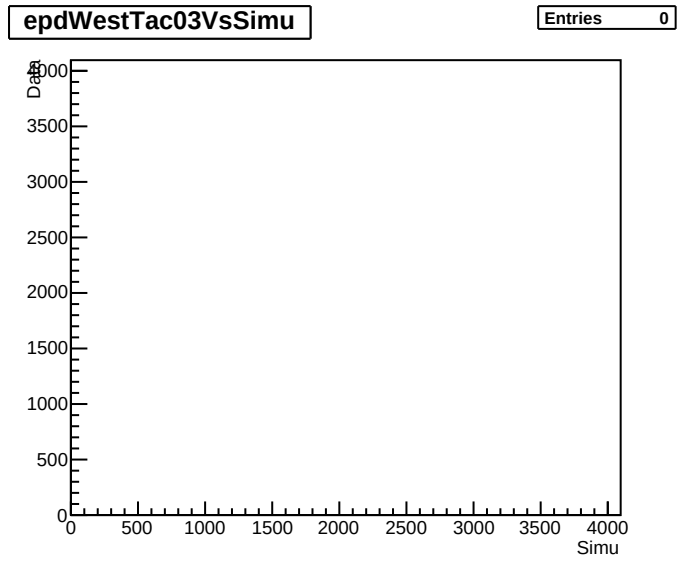
Entries 0
Data
Simu


epdWestTac03
Entries 475947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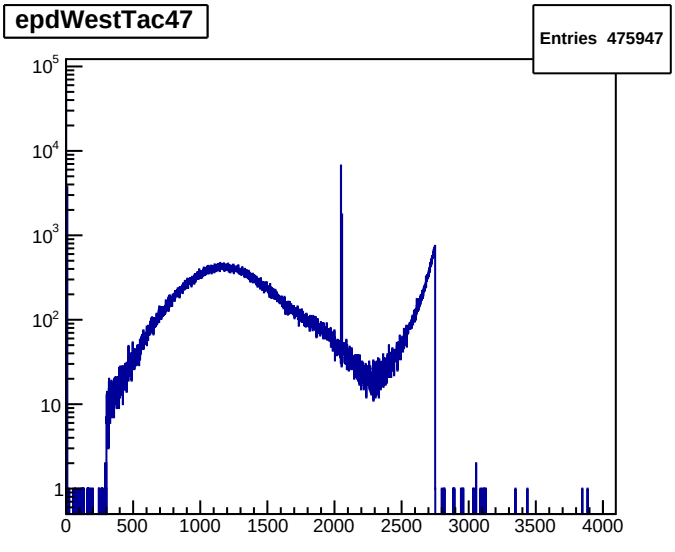
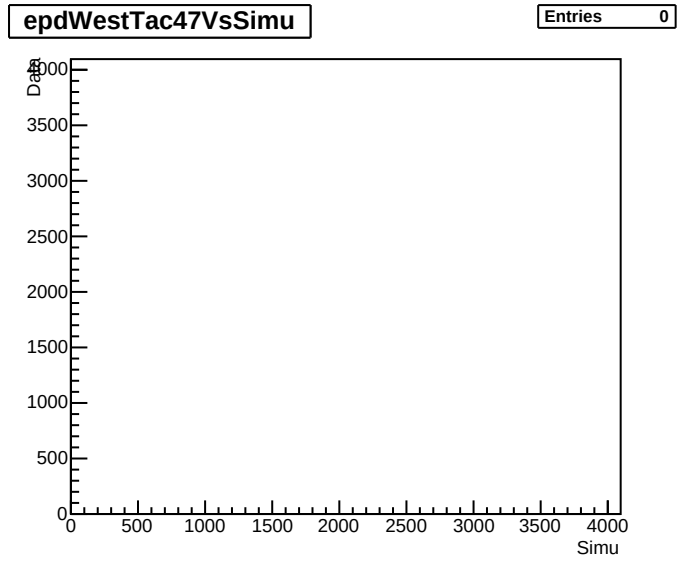
Entries 0
Data
Simu


epdWestTac47
Entries 475947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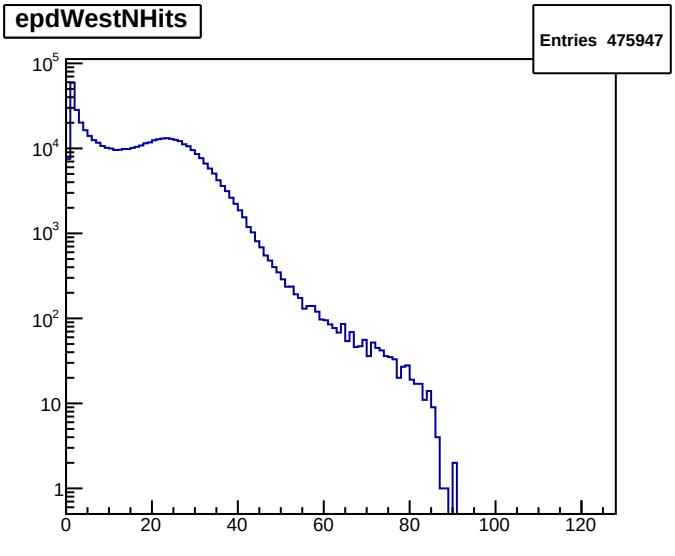
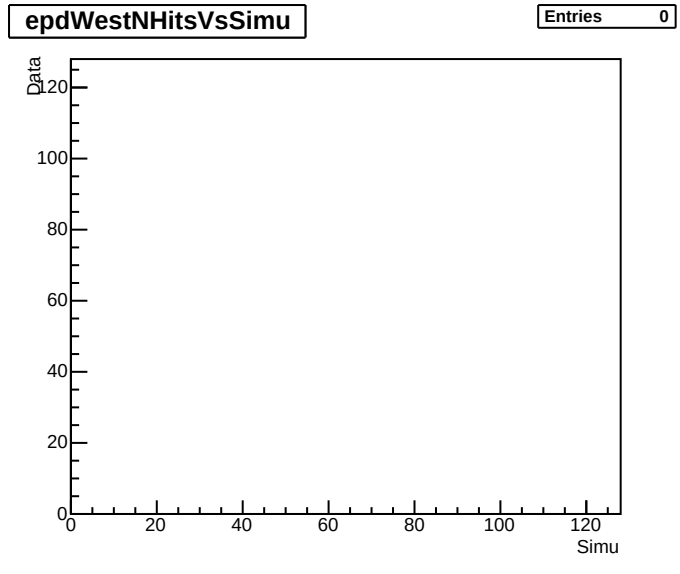
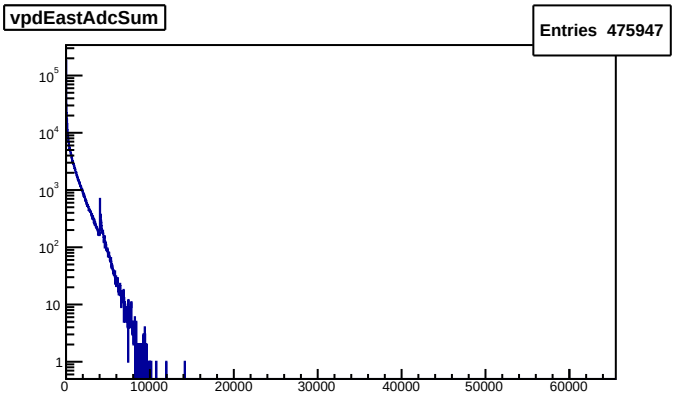
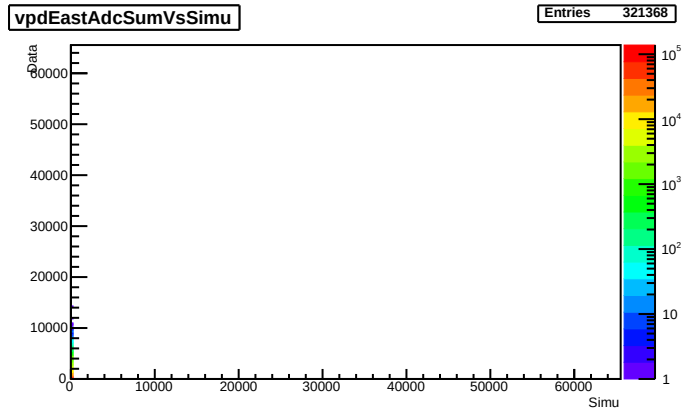
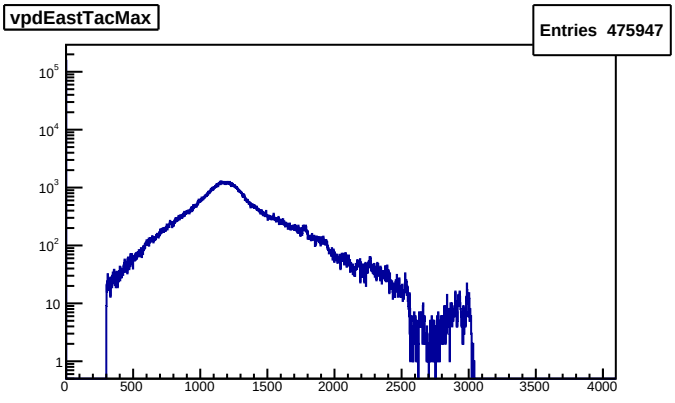
Entries 0
Data
Simu

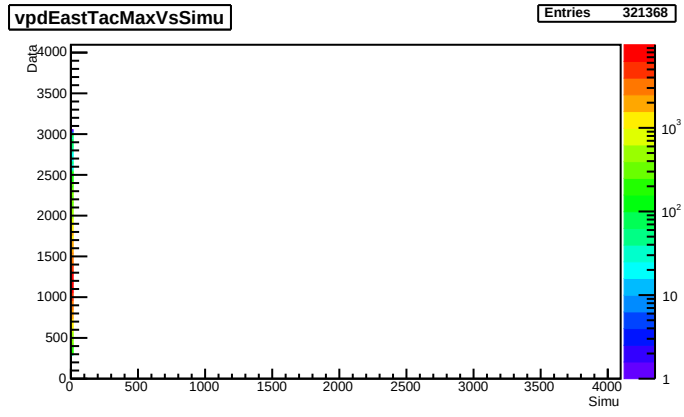

epdWestNHits
Entries 475947

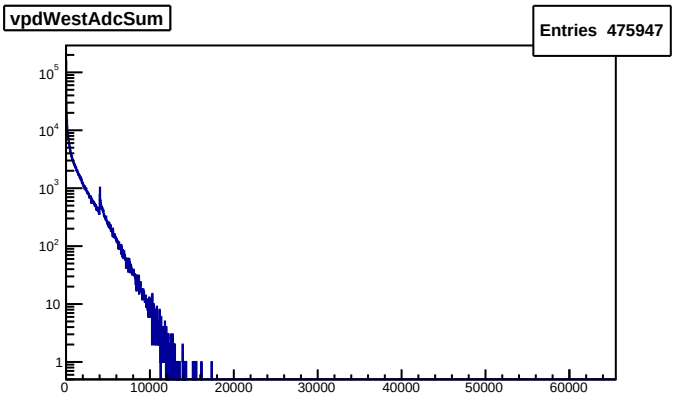

epdWestNHitsVsSimu
Entries 0
Data
Simu

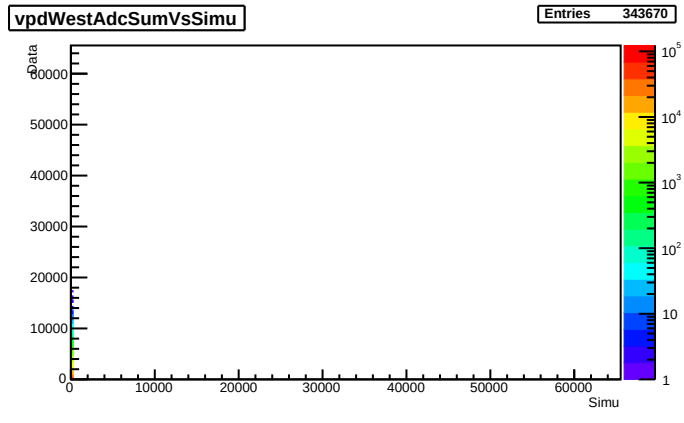

vpdEastAdcSum
Entries 475947

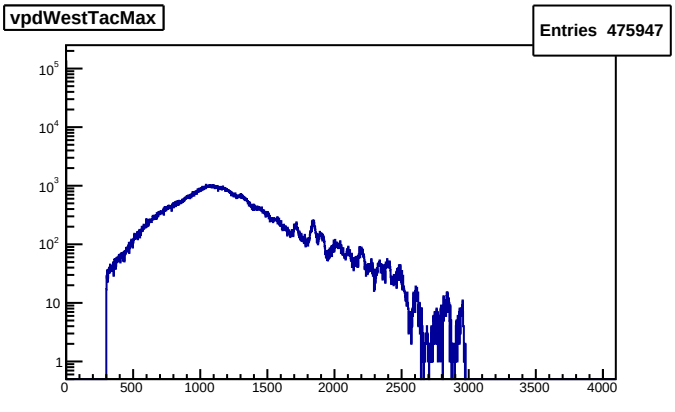

vpdEastAdcSumVsSimu
Entries 321368
Data
Simu

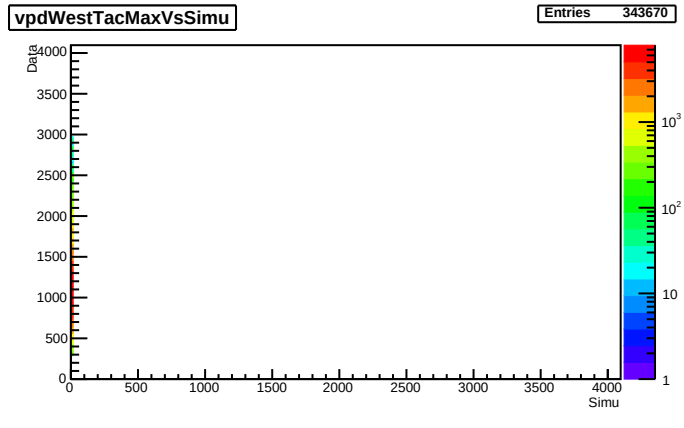

vpdEastTacMax
Entries 475947

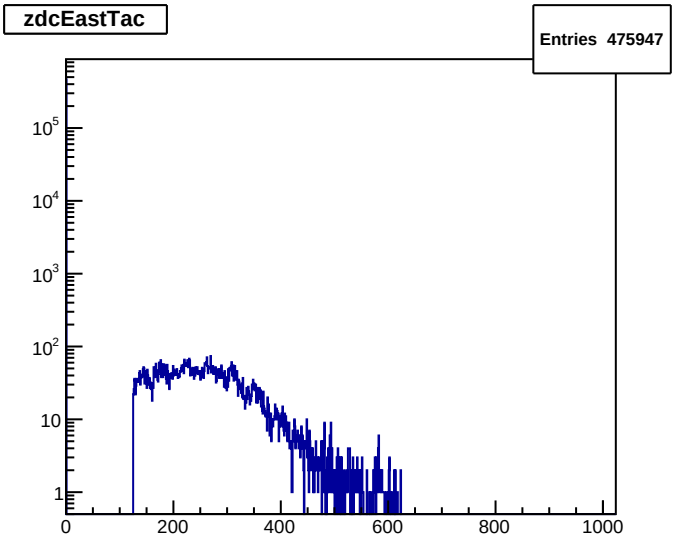

vpdEastTacMaxVsSimu
Entries 321368
Data
Simu

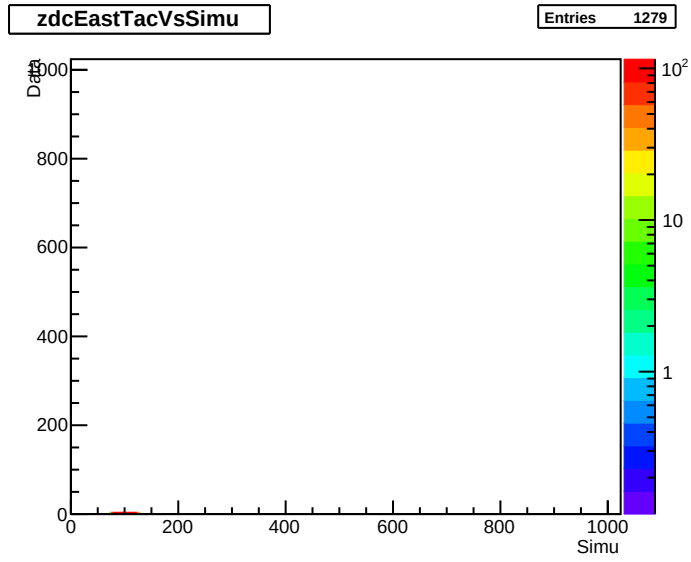

vpdWestAdcSum
Entries 475947

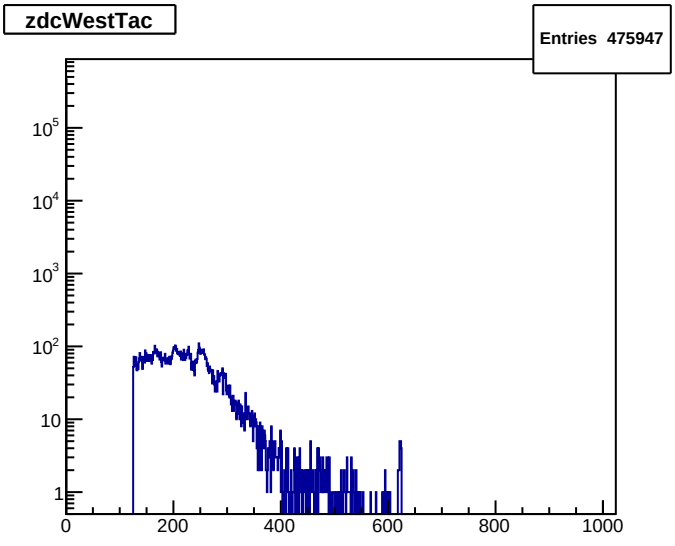

vpdWestAdcSumVsSimu
Entries 343670
Data
Simu

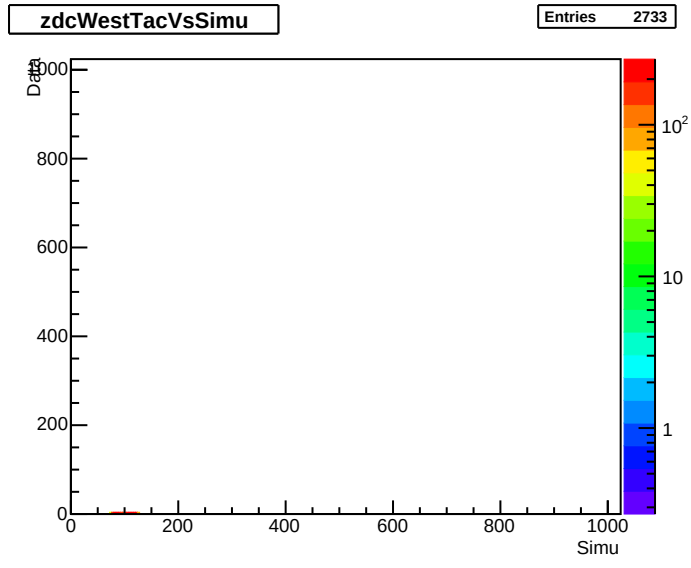

vpdWestTacMax
Entries 475947

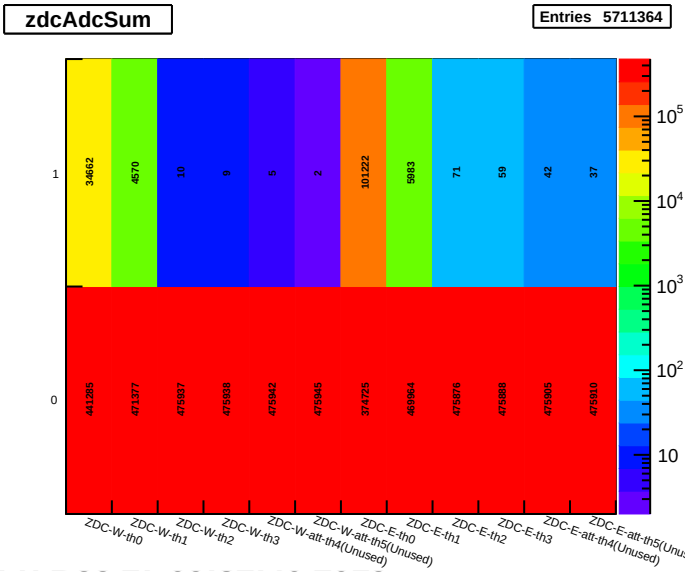

vpdWestTacMaxVsSimu
Entries 343670
Data
Simu

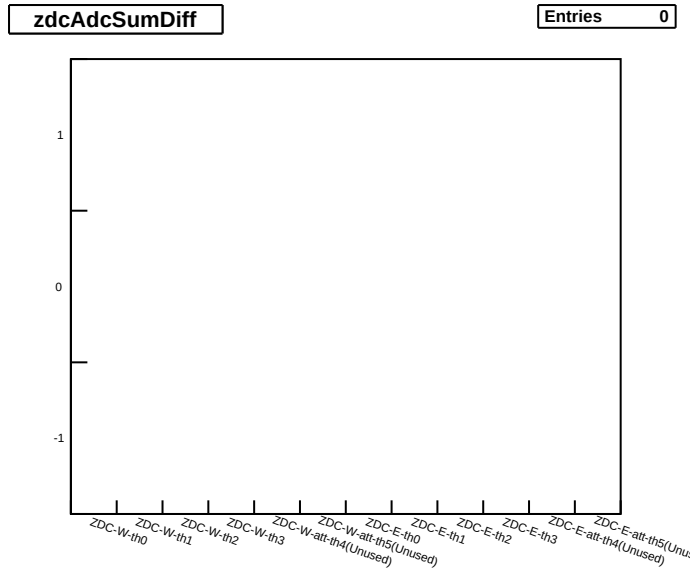

zdcEastTac
Entries 475947

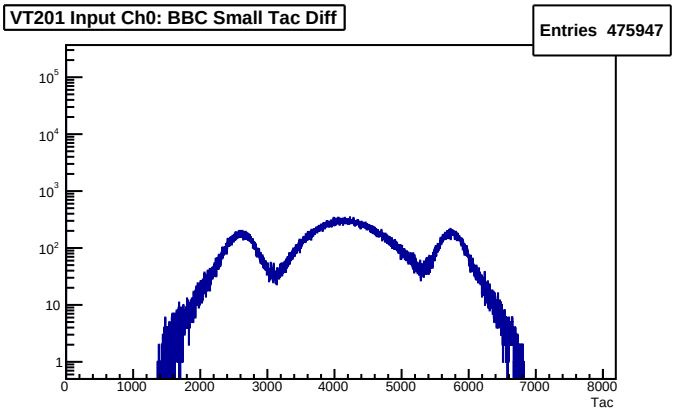

zdcEastTacVsSimu
Entries 1279
Data
Simu

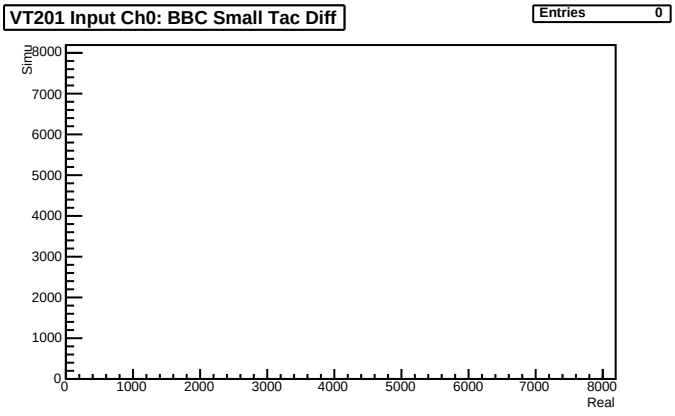

zdcWestTac
Entries 475947

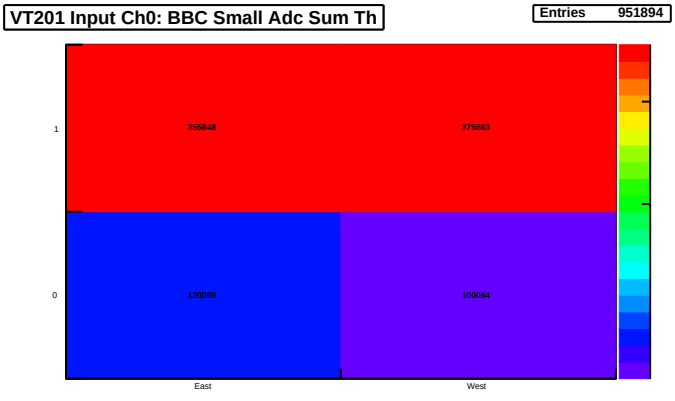

zdcWestTacVsSimu
Entries 2733
Data
Simu

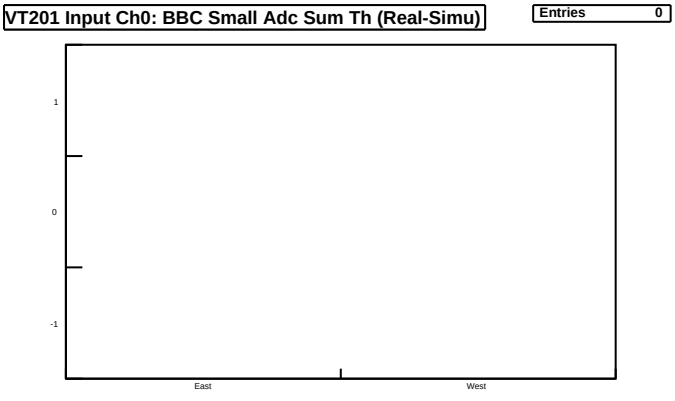

zdcAdcSum
Entries 5711364
34662
4570
10
9
5
2
101222
5983
71
59
42
37
441285
471377
475937
475938
475942
475945
374725
469964
475976
475988
475905
475910
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

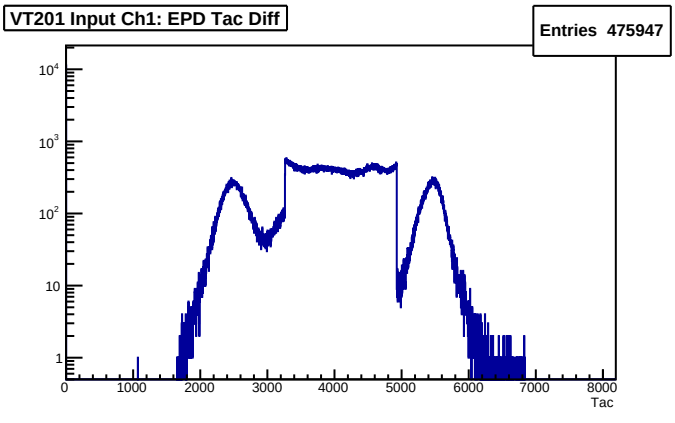

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

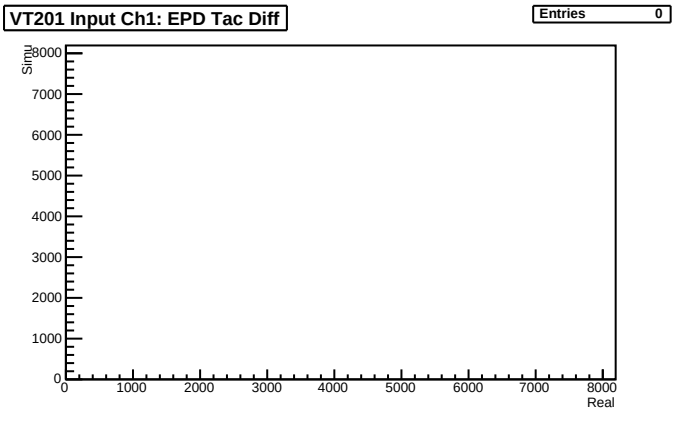

VT201 Input Ch0: BBC Small Tac Diff
Entries 475947
Tac

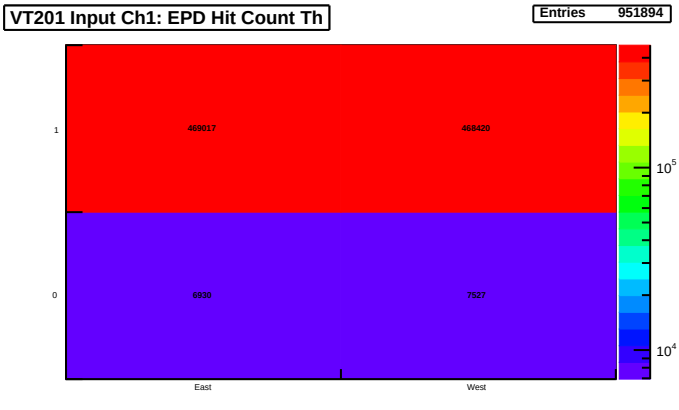

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

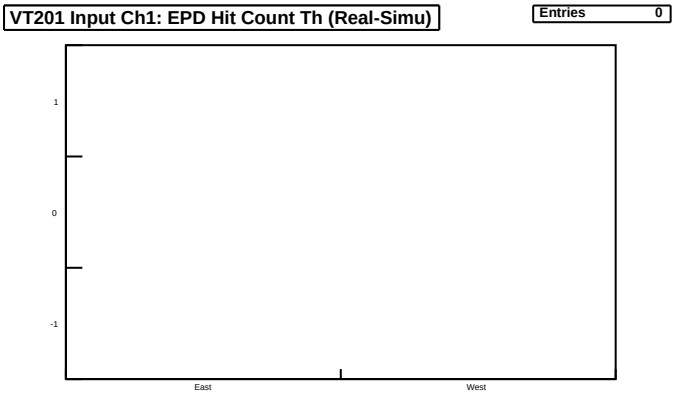

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 951894
355848
375863
120099
100084
East
West

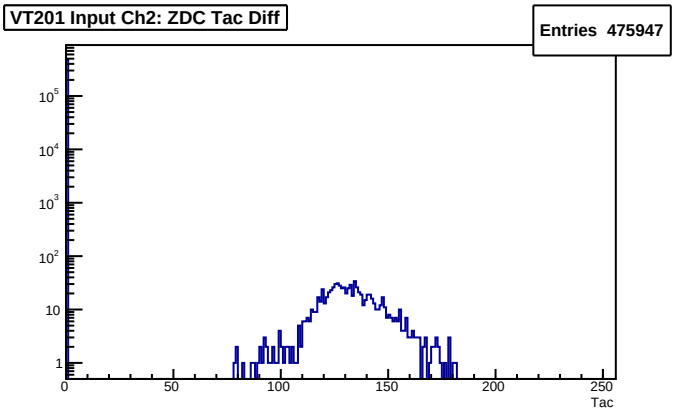

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

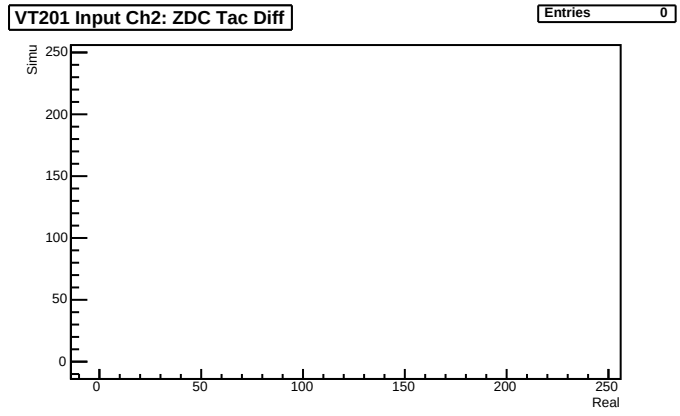

VT201 Input Ch1: EPD Tac Diff
Entries 475947
Tac

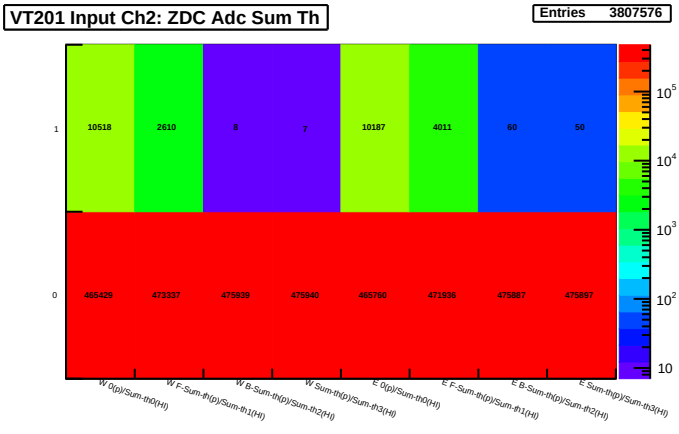

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

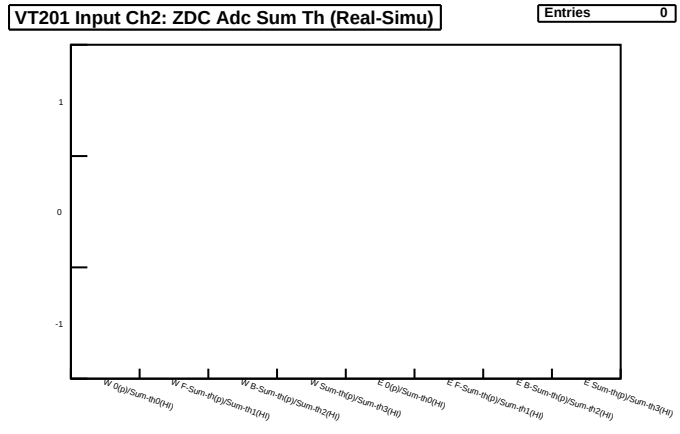

VT201 Input Ch1: EPD Hit Count Th
Entries 951894
469017
468420
6930
7527
East
West

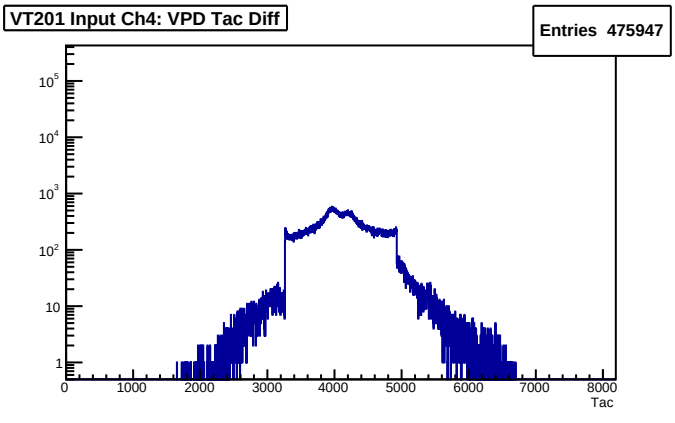

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

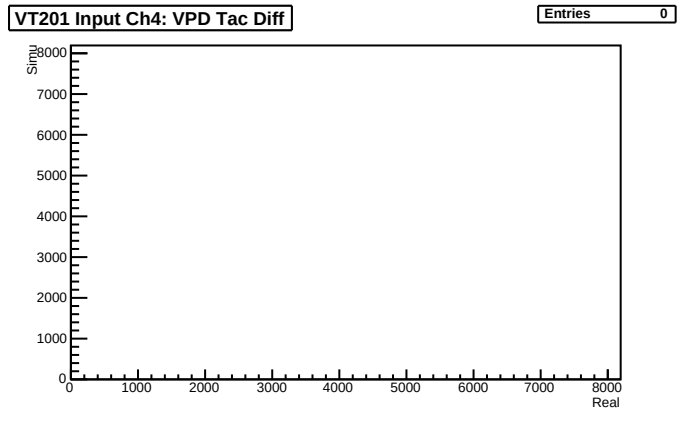

VT201 Input Ch2: ZDC Tac Diff
Entries 475947
Tac

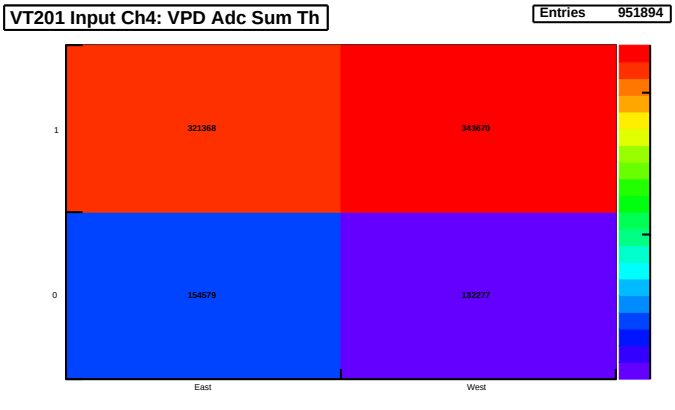

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

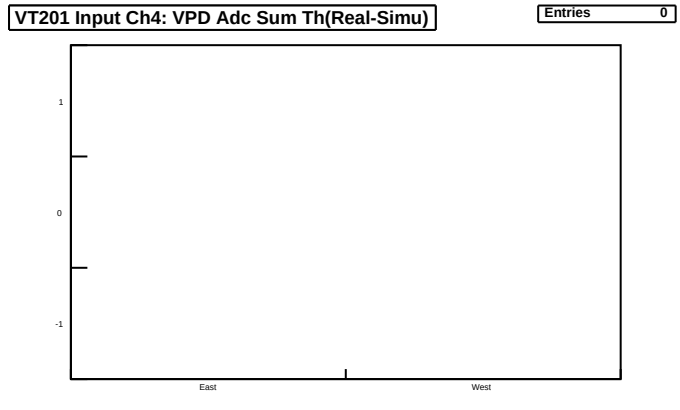

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3807576
10518
2610
8
7
10187
4011
60
50
465429
473337
475939
475940
465760
471936
475887
475897
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

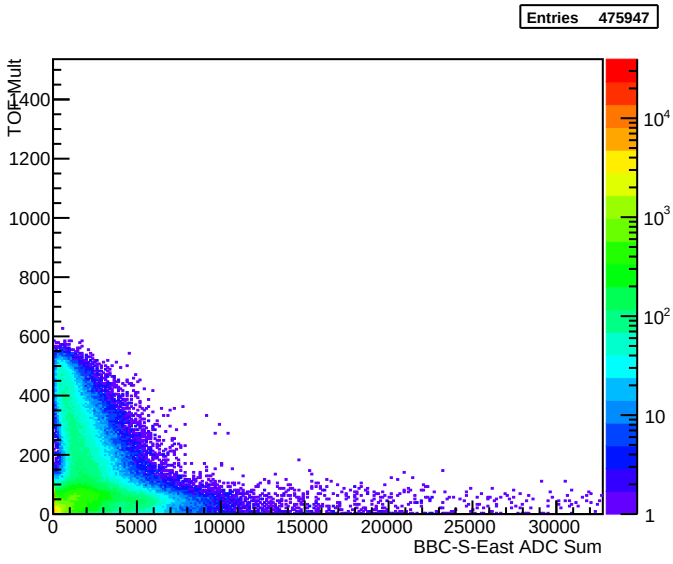

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

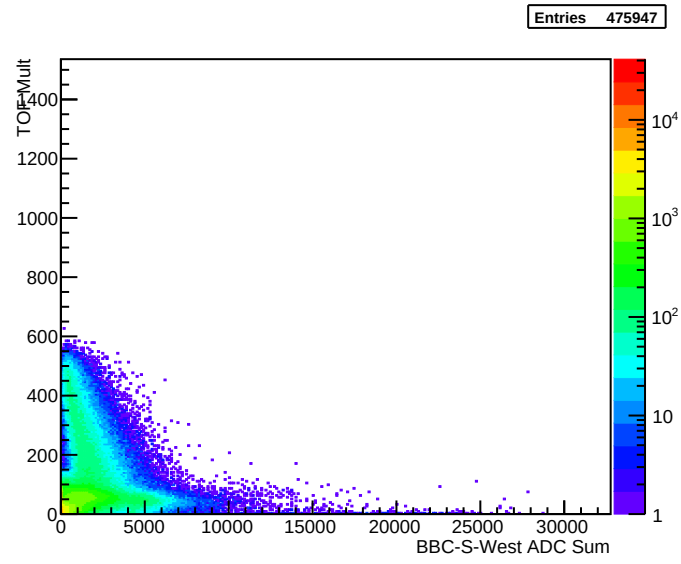

VT201 Input Ch4: VPD Tac Diff
Entries 475947
Tac

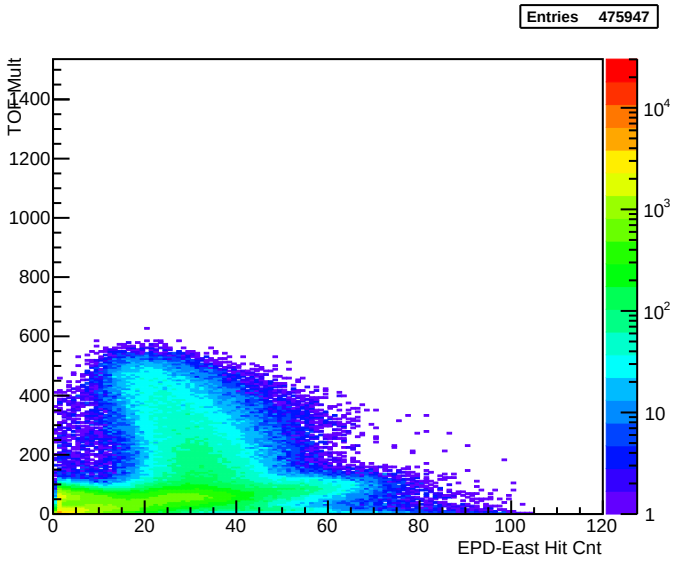

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

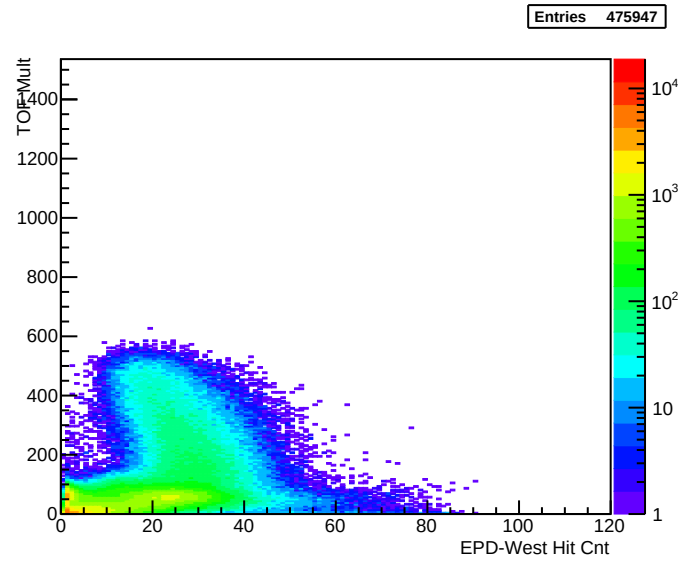

VT201 Input Ch4: VPD Adc Sum Th
Entries 951894
321368
343670
154579
132277
East
West

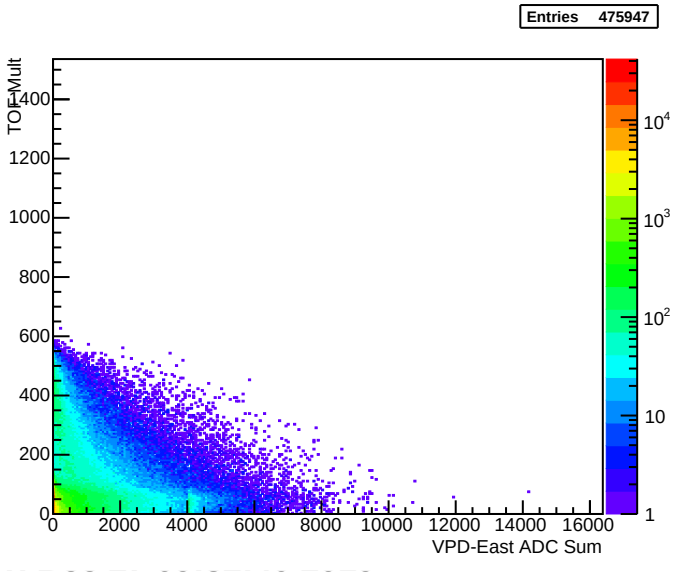

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

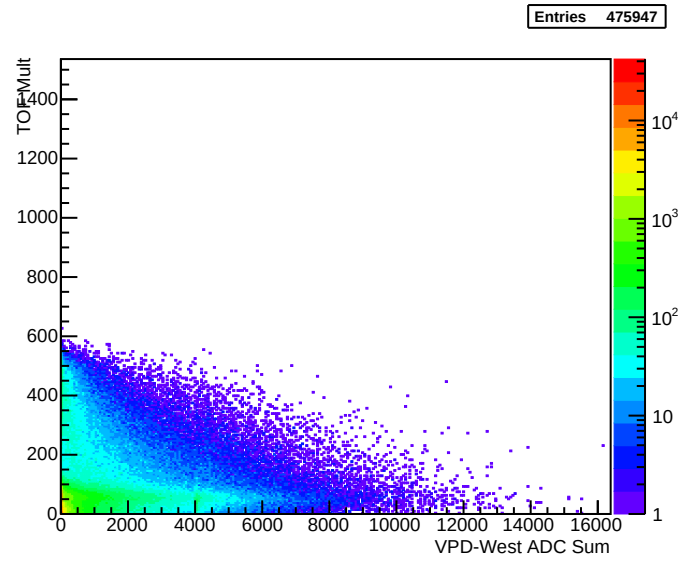

Entries 475947
TOF-Mult
BBC-S-East ADC Sum

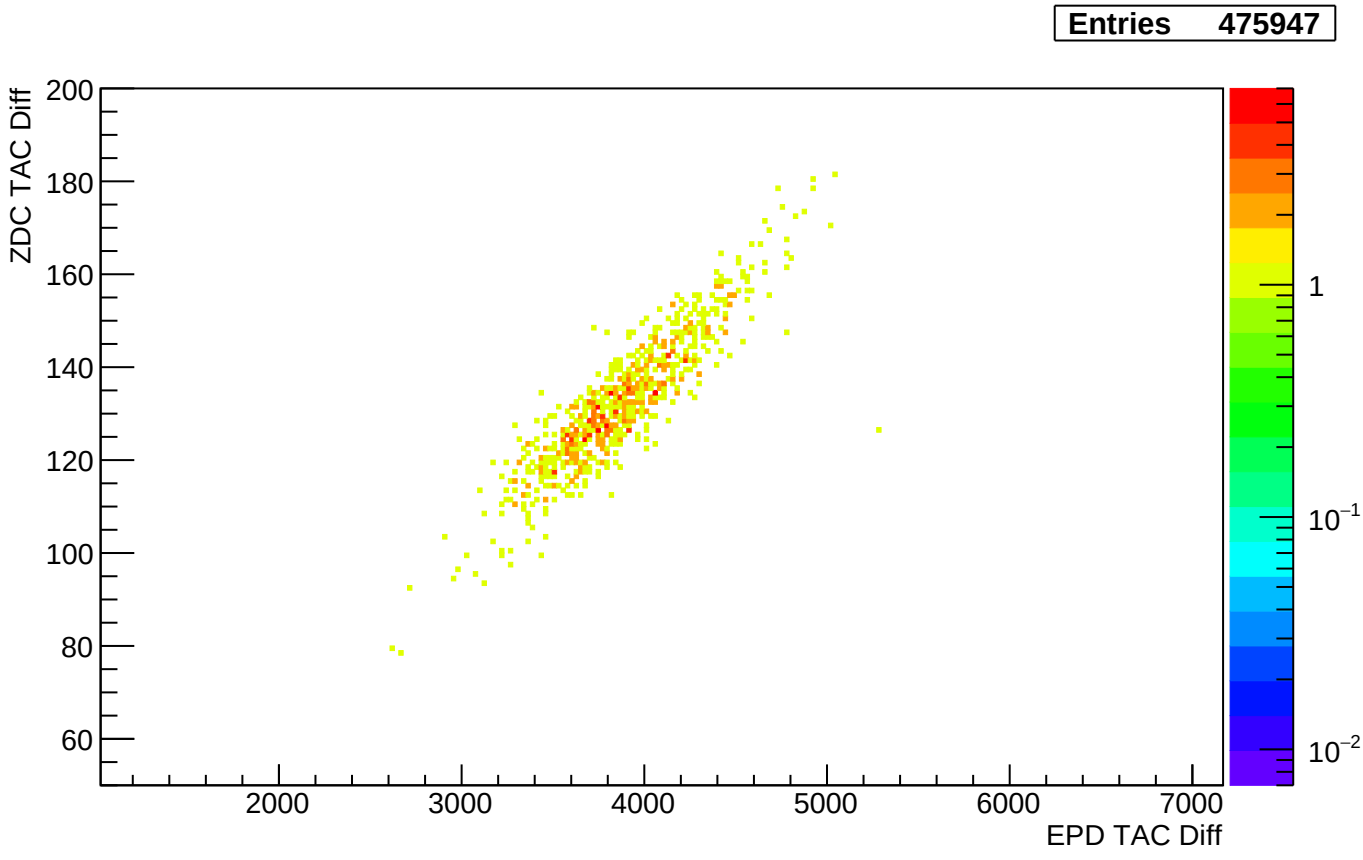

Entries 475947
TOF-Mult
BBC-S-West ADC Sum

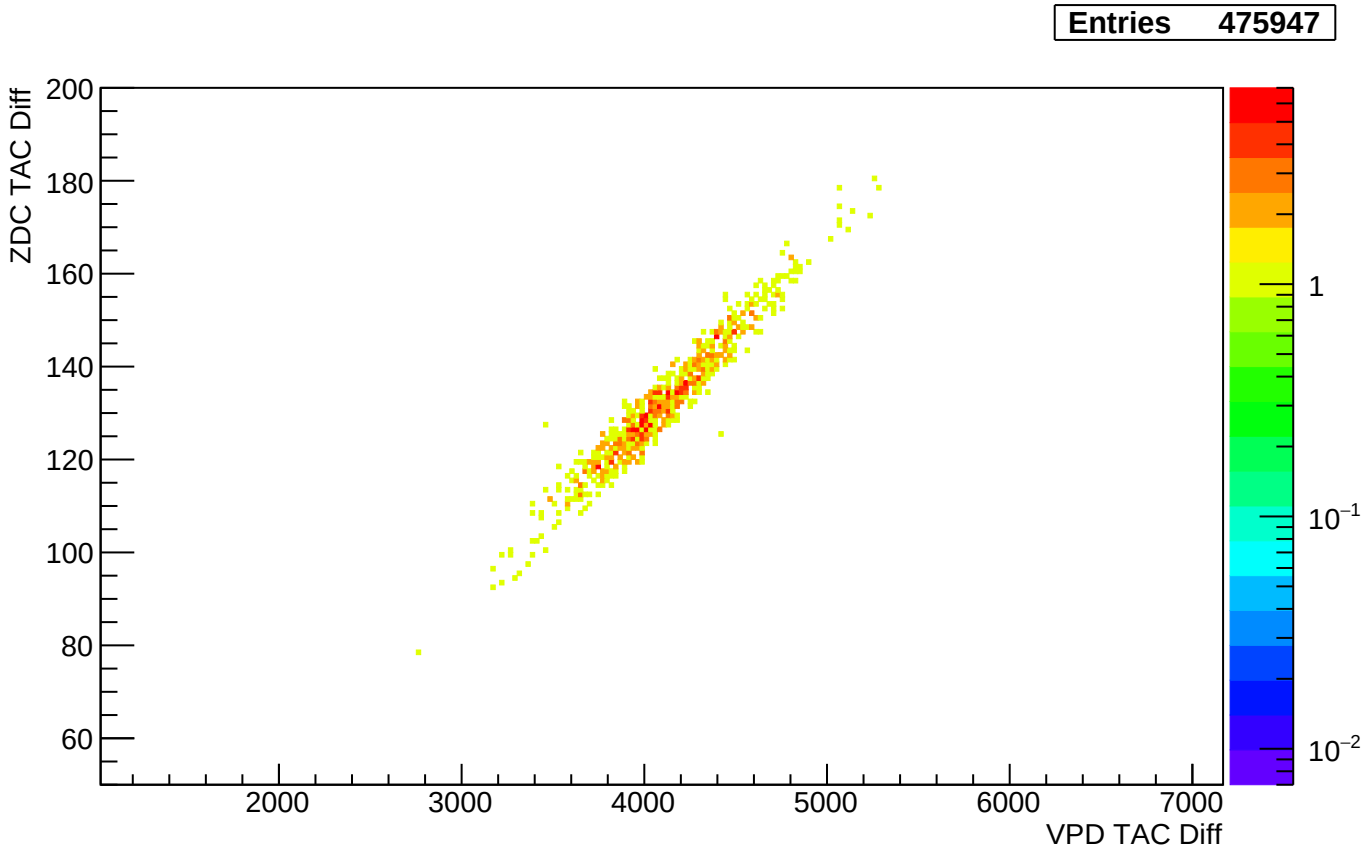

Entries 475947
TOF-Mult
EPD-East Hit Cnt

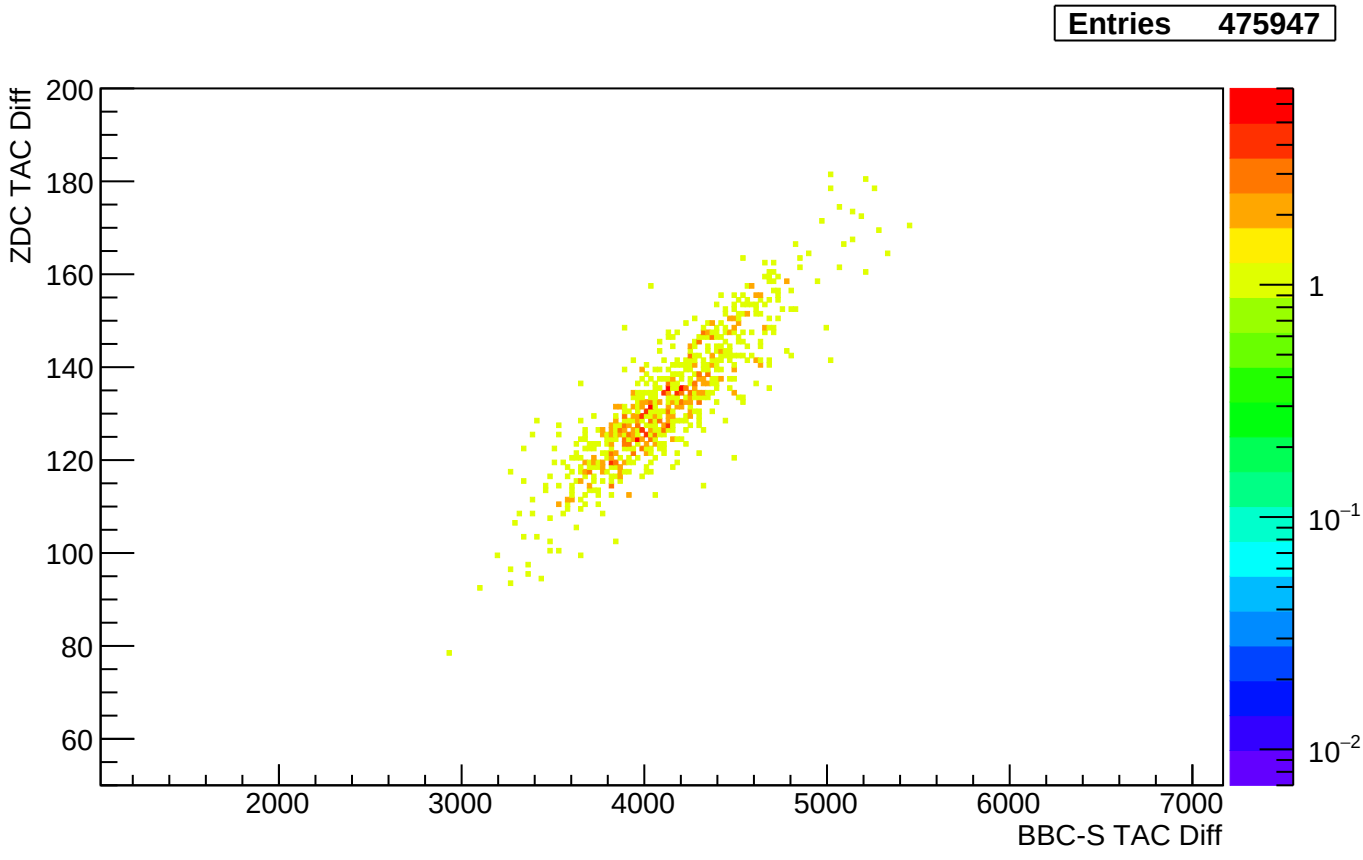

Entries 475947
TOF-Mult
EPD-West Hit Cnt

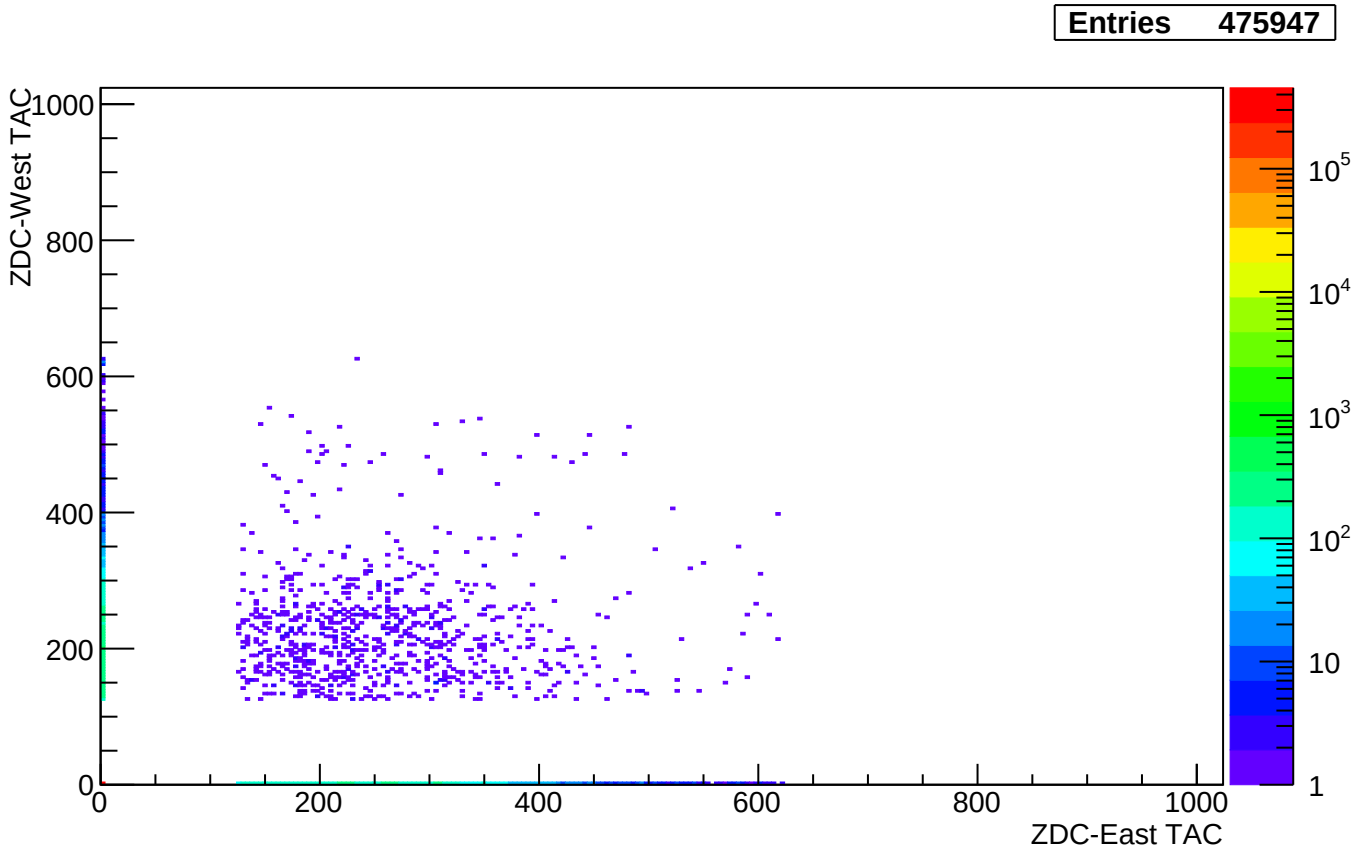

Entries 475947
TOF-Mult
VPD-East ADC Sum

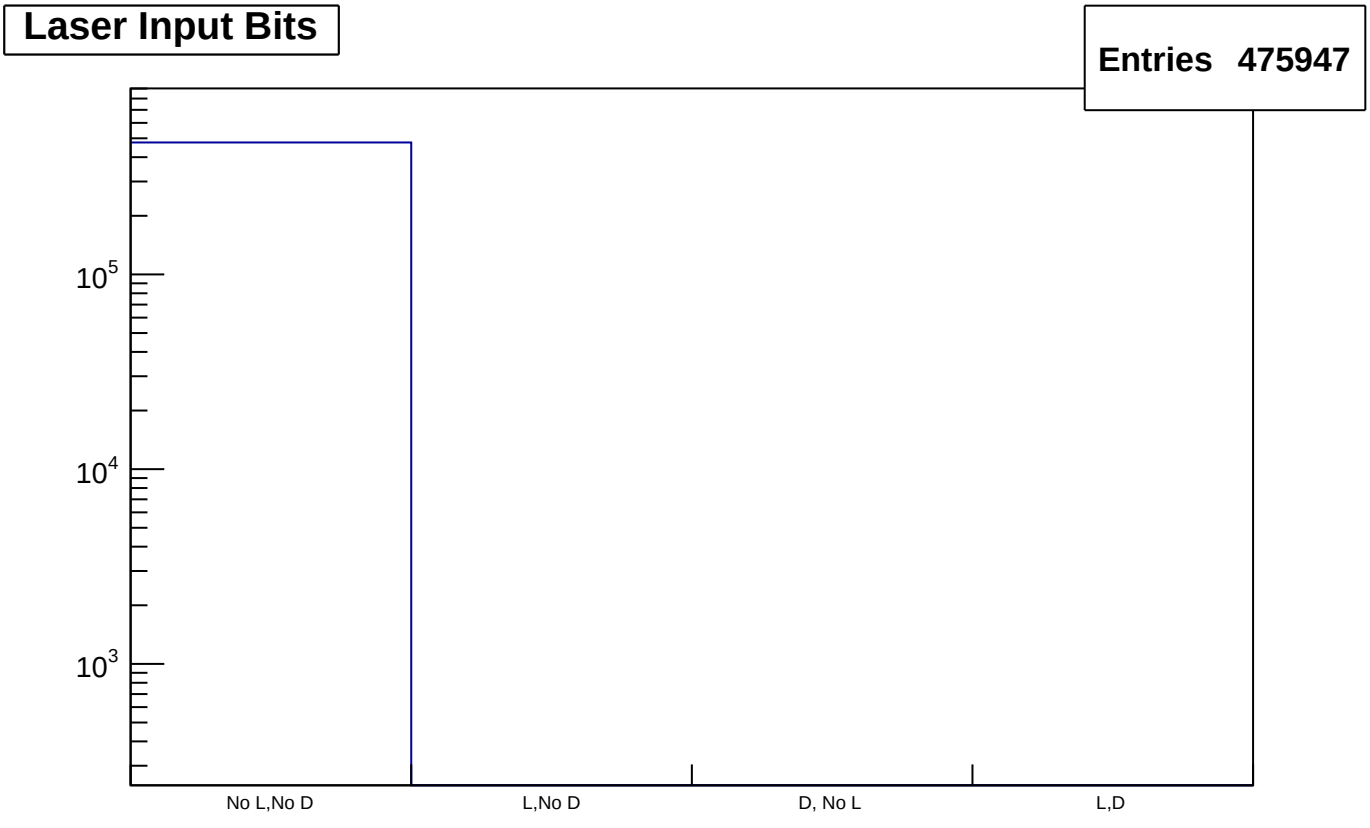

Entries 475947
TOF-Mult
VPD-West ADC Sum

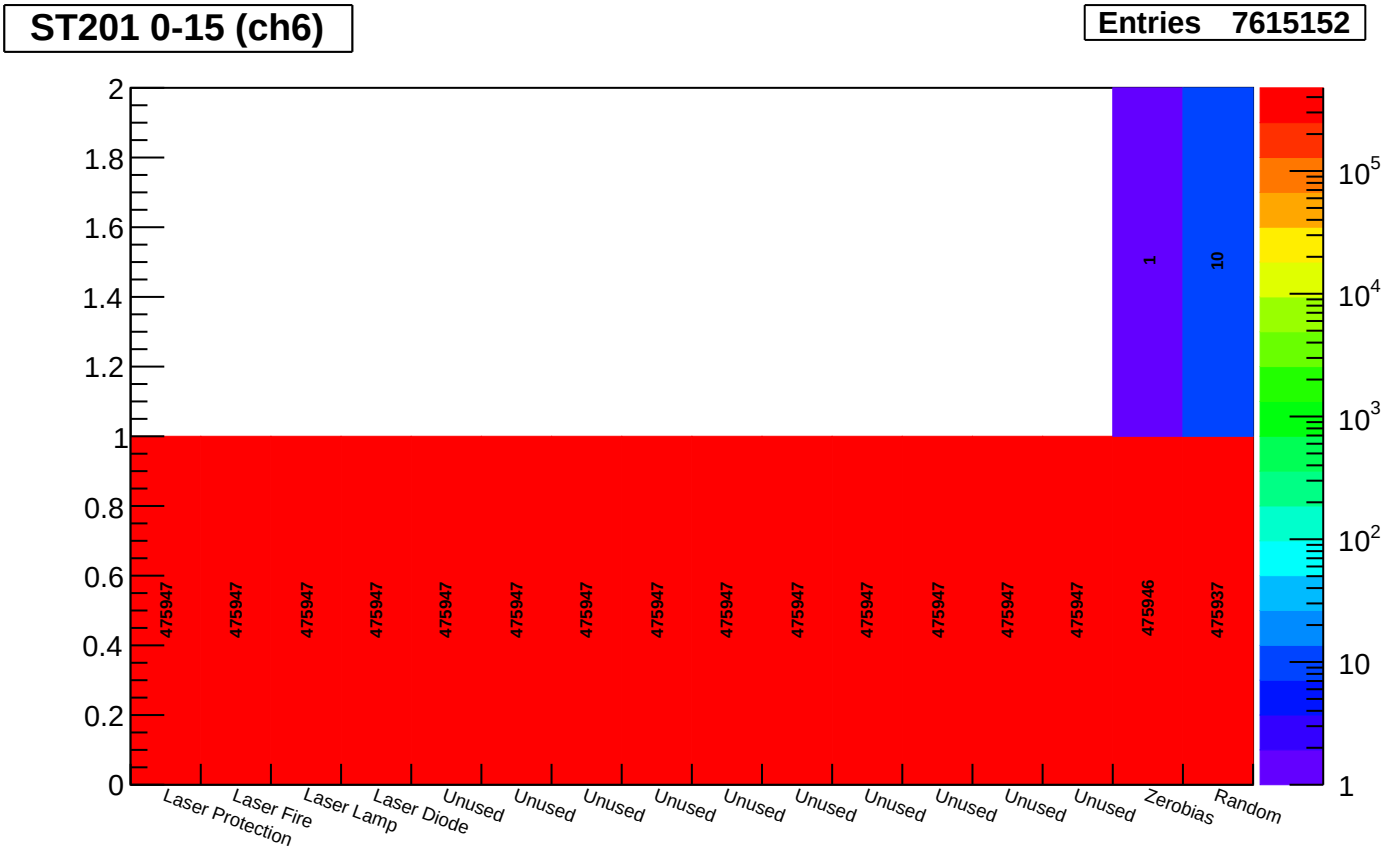

Entries 475947
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

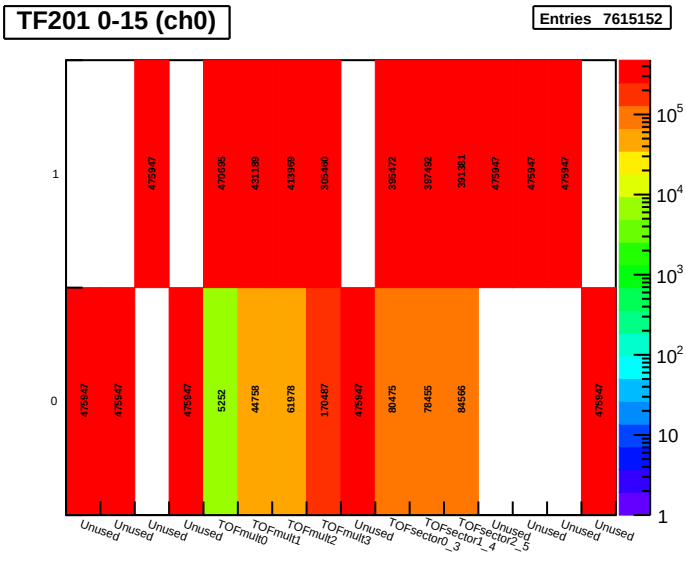

Entries 475947
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

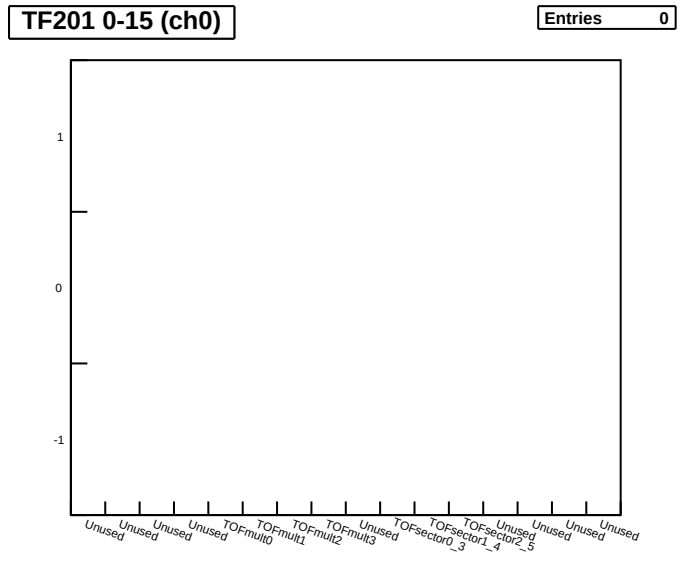

Entries 475947
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

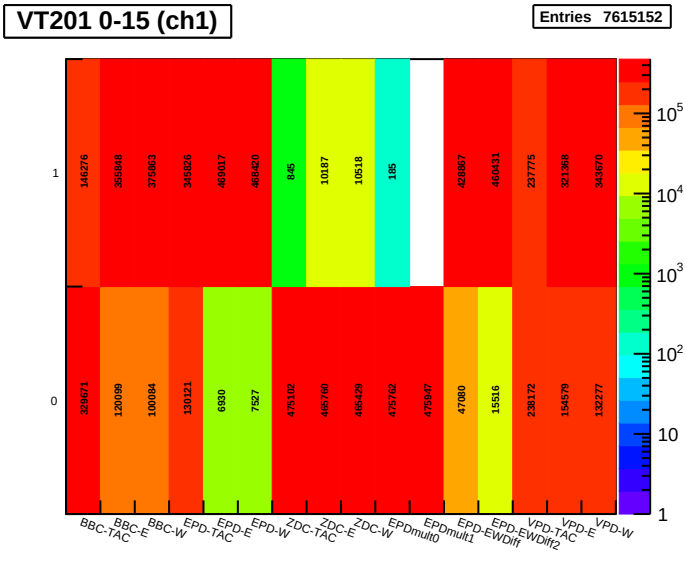

Entries 475947
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

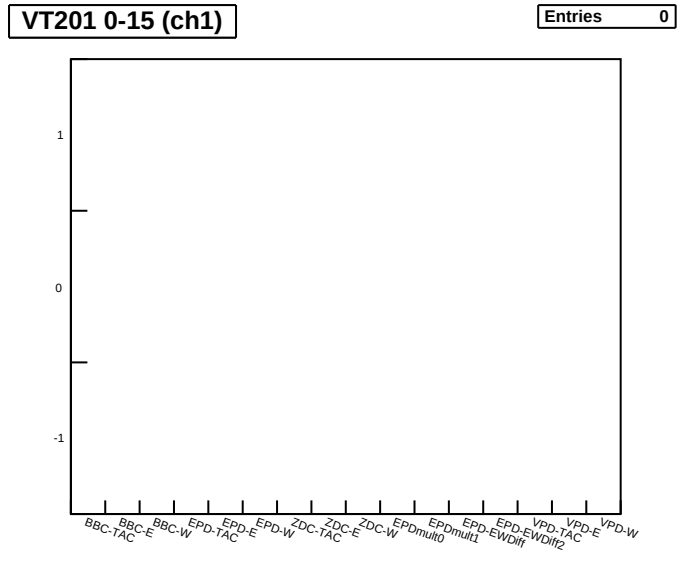

Laser Input Bits
Entries 475947
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

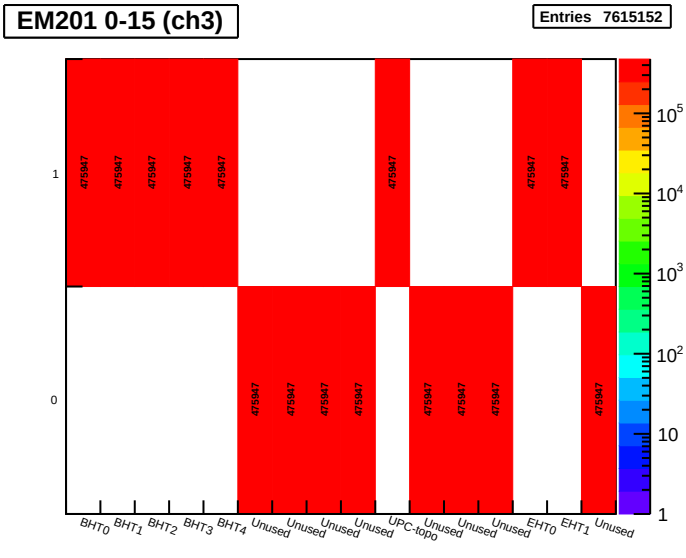

ST201 0-15 (ch6)
Entries 7615152
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
475947
475946
475937
1
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

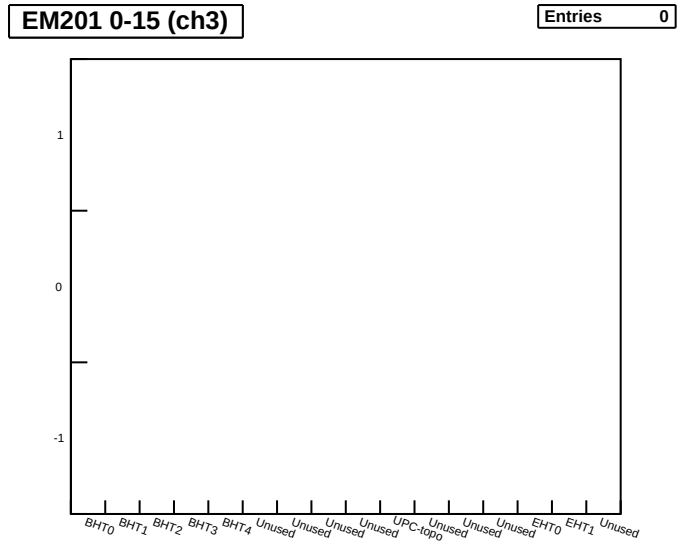

TF201 0-15 (ch0)
Entries 7615152
1
0
475947
470695
431189
413969
305460
395472
397492
391381
475947
475947
475947
475947
475947
475947
5252
44758
61978
170487
475947
80475
78455
84566
475947
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 7615152
1
0
146276
355848
375863
345826
469017
468420
845
10187
10518
185
428867
460431
237775
321368
343670
329671
120099
100084
130121
6930
7527
475102
465760
465429
475762
475947
47080
15516
238172
154579
132277
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 7615152
1
0
475947
475947
475947
475947
475947
475947
475947
475947
475947
475947
475947
475947
475947
475947
475947
475947
475947
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