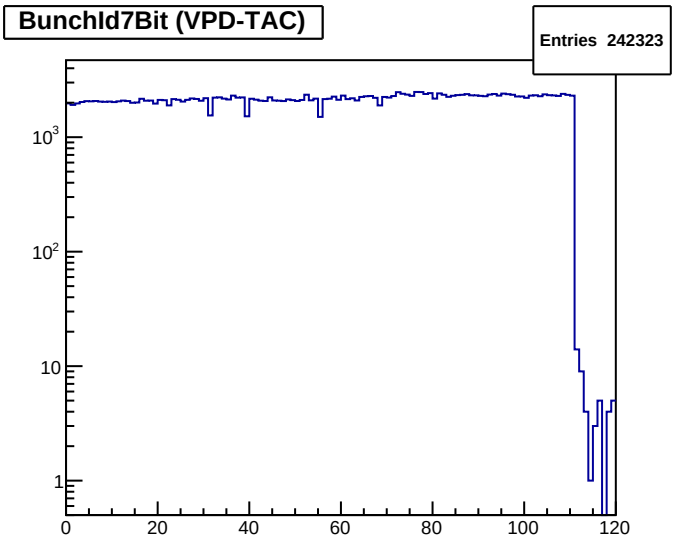
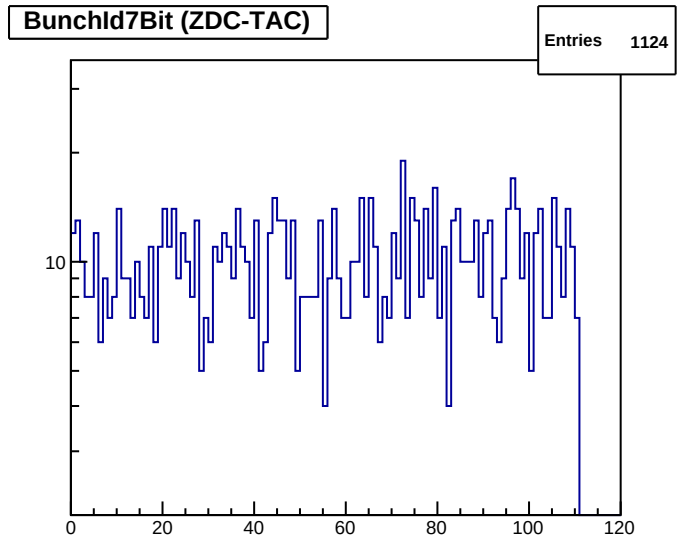
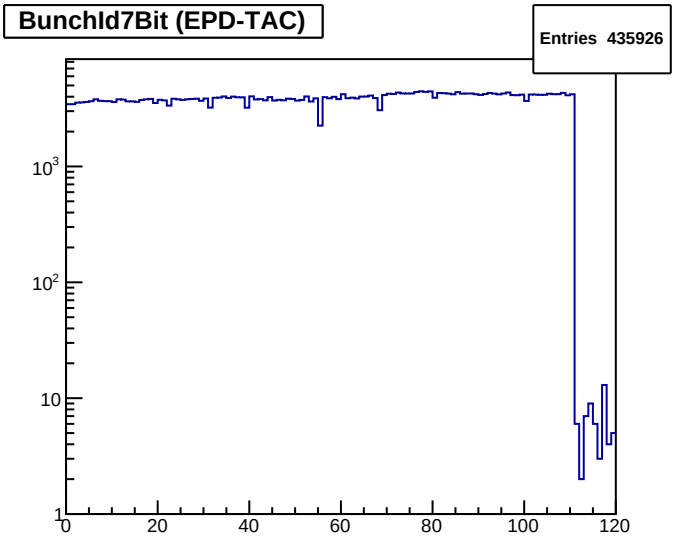
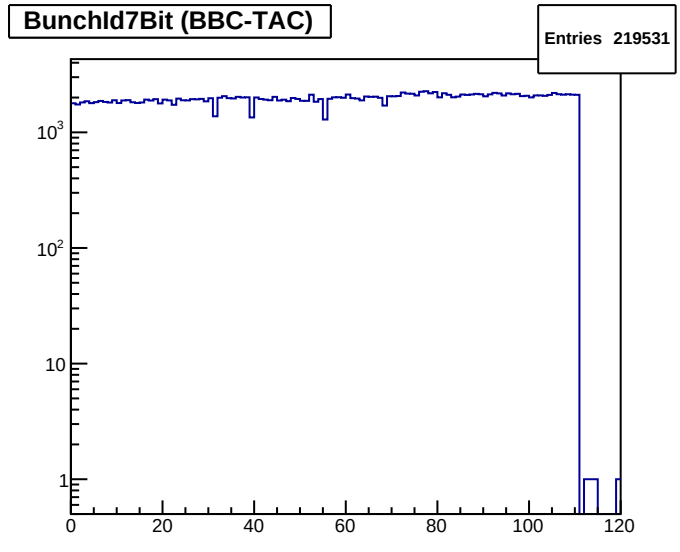
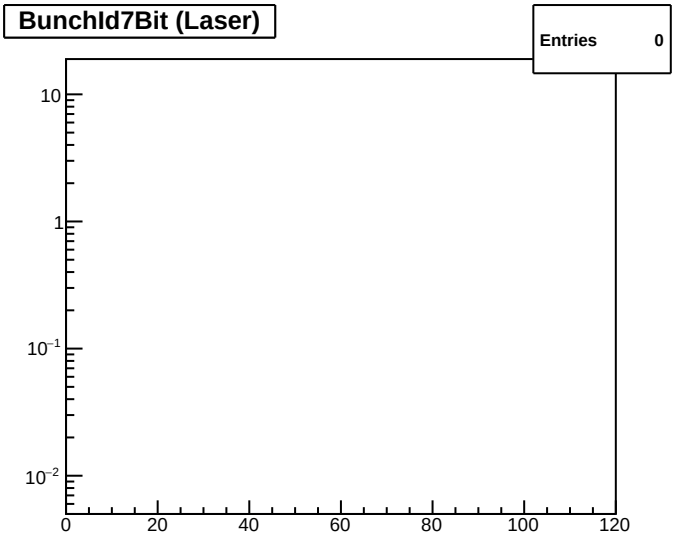
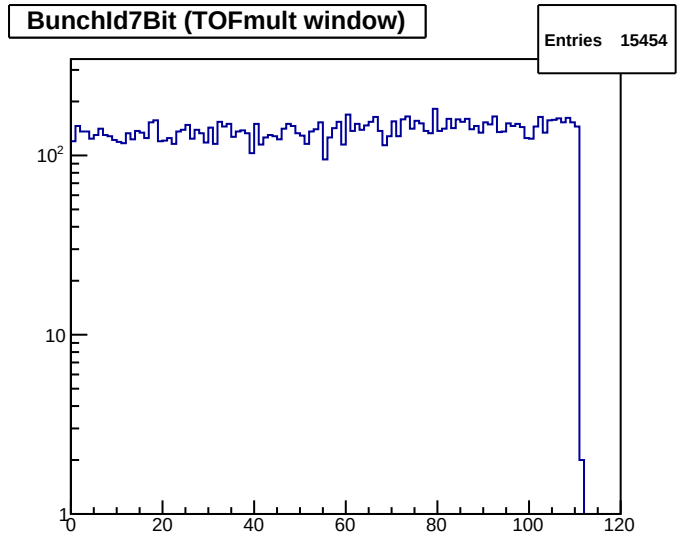

BunchId7Bit (VPD-TAC)
Entries 242323

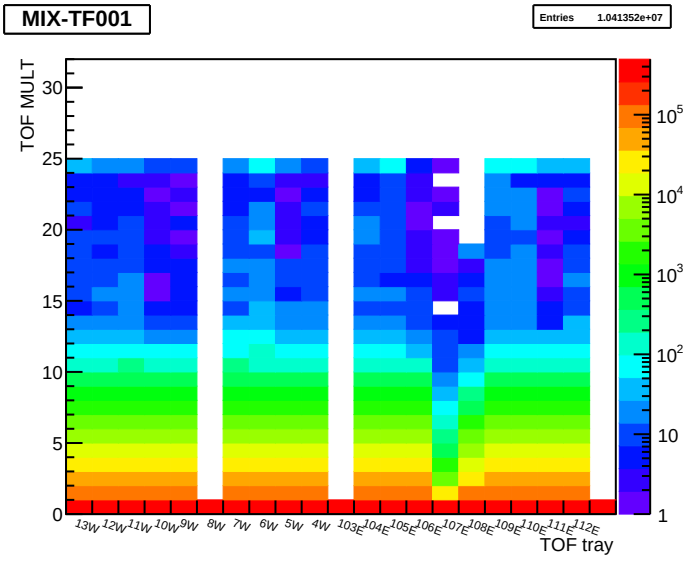

BunchId7Bit (ZDC-TAC)
Entries 1124

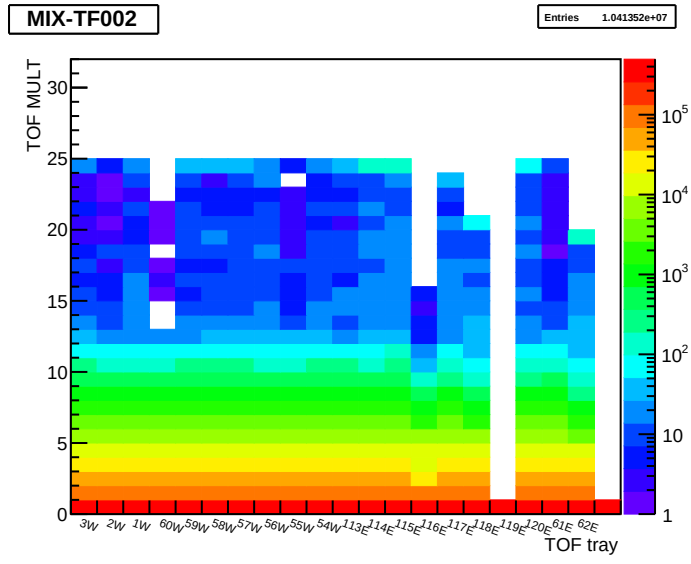

BunchId7Bit (EPD-TAC)
Entries 435926

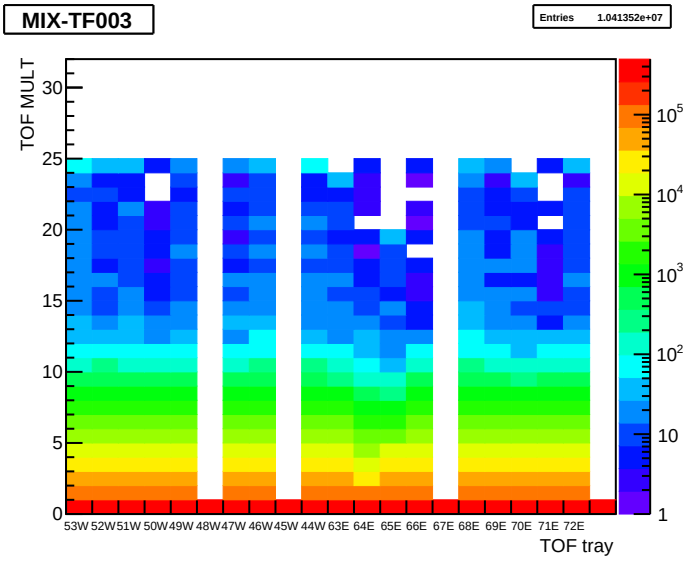

BunchId7Bit (BBC-TAC)
Entries 219531

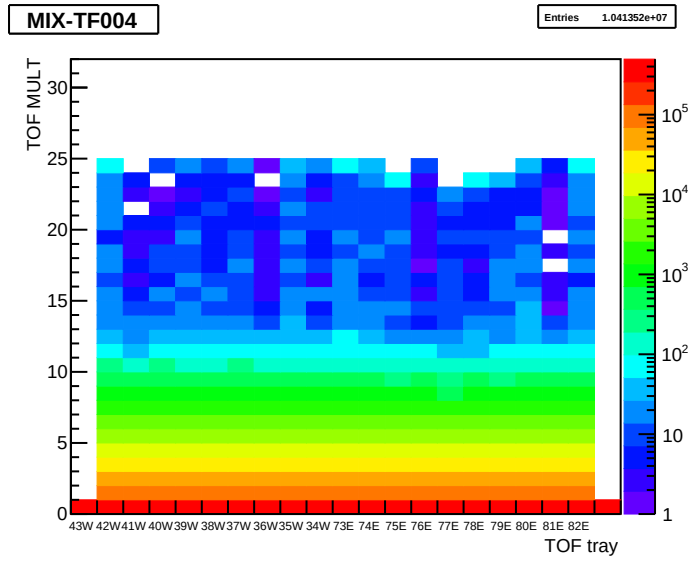

BunchId7Bit (Laser)
Entries 0

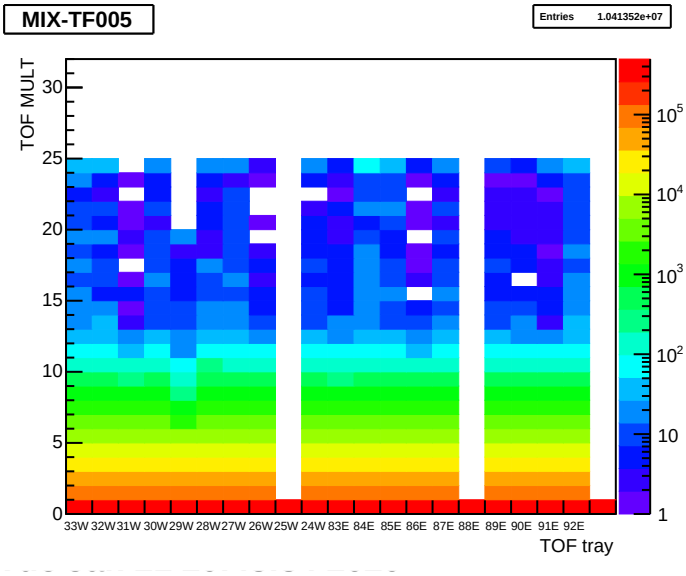

BunchId7Bit (TOFmult window)
Entries 15454

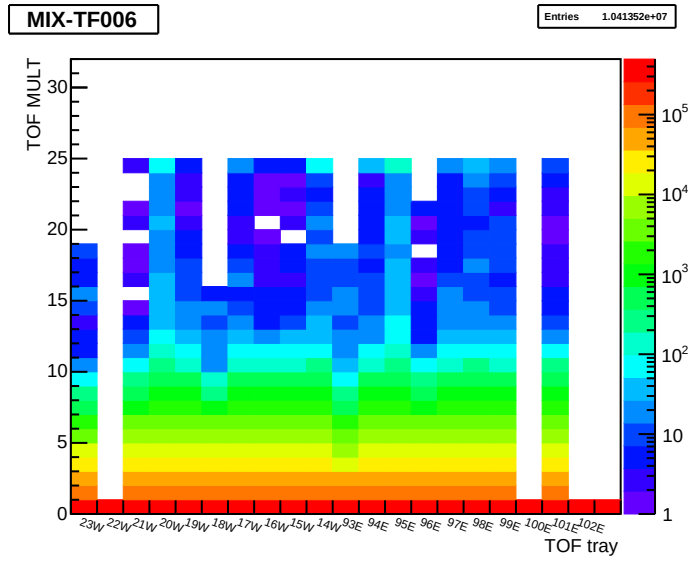

MIX-TF001
Entries 1.041352e+07
TOF MULT
TOF tray

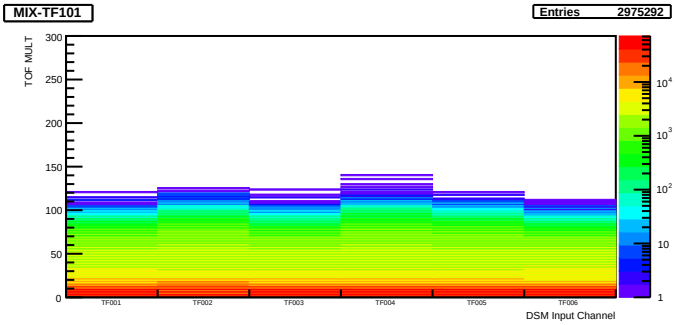

MIX-TF002
Entries 1.041352e+07
TOF MULT
TOF tray

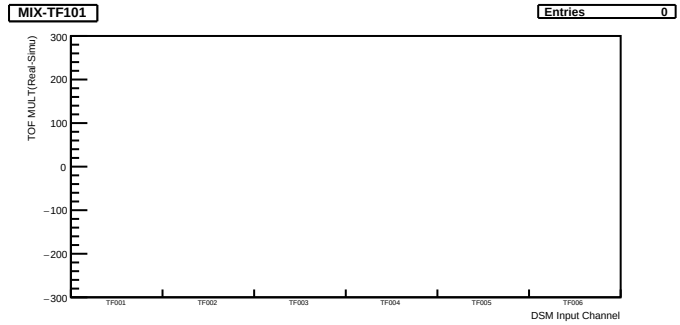

MIX-TF003
Entries 1.041352e+07
TOF MULT
TOF tray

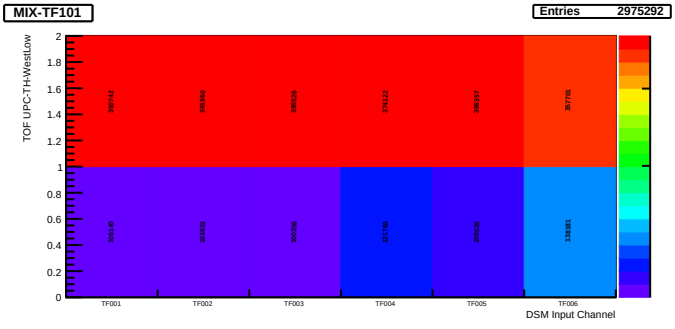

MIX-TF004
Entries 1.041352e+07
TOF MULT
TOF tray

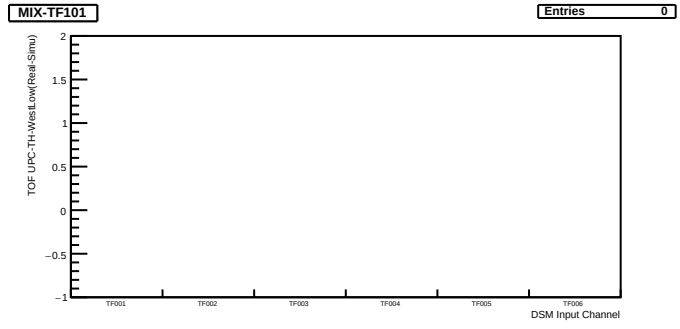

MIX-TF005
Entries 1.041352e+07
TOF MULT
TOF tray

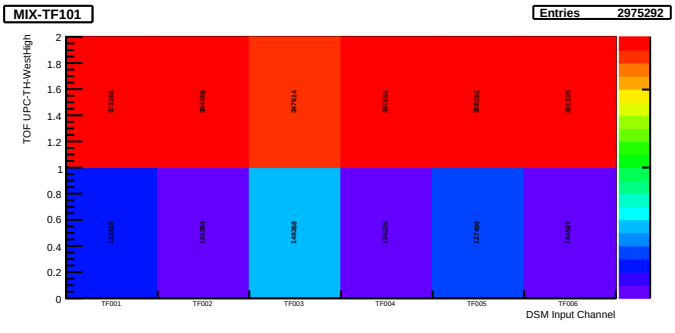

MIX-TF006
Entries 1.041352e+07
TOF MULT
TOF tray

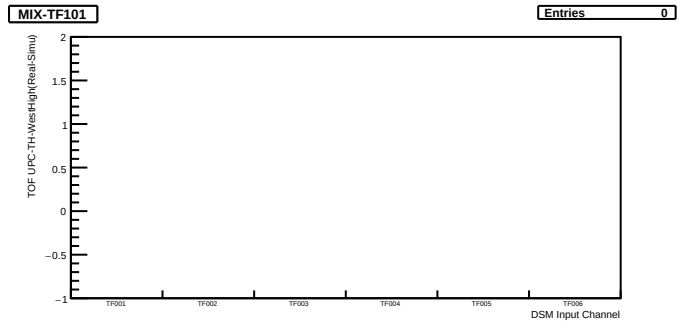

MIX-TF101
Entries 2975292
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

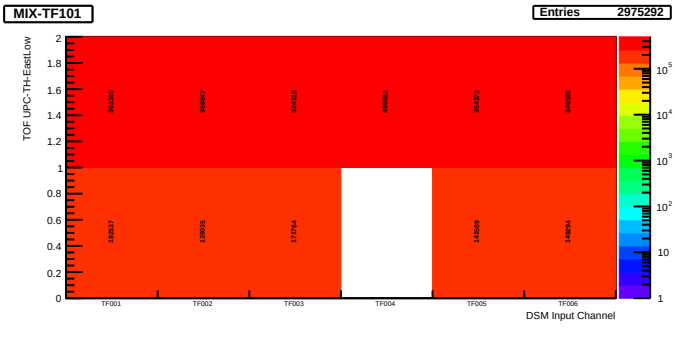

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

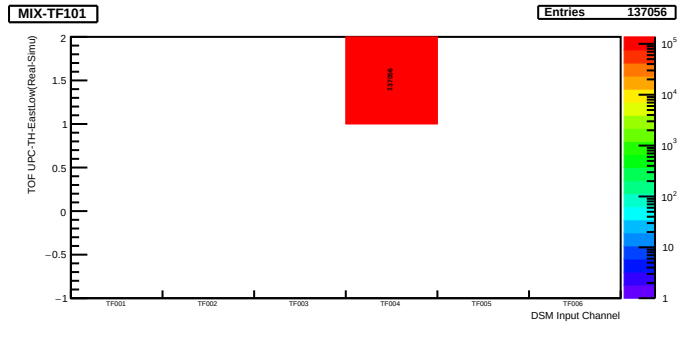

MIX-TF101
Entries 2975292
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

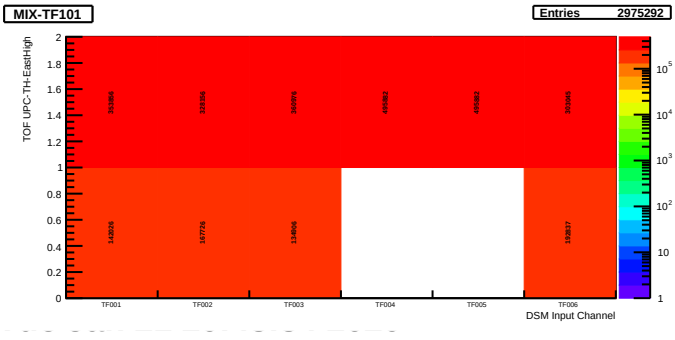

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

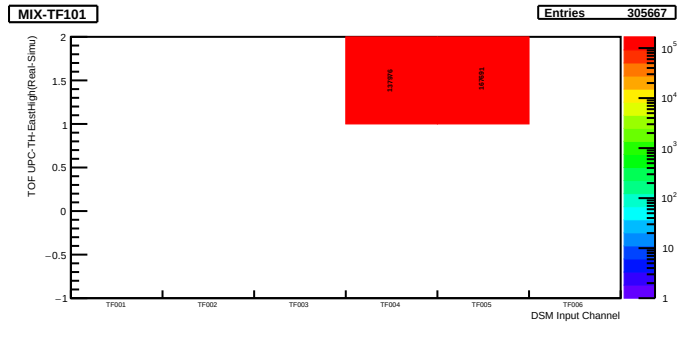

MIX-TF101
Entries 2975292
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

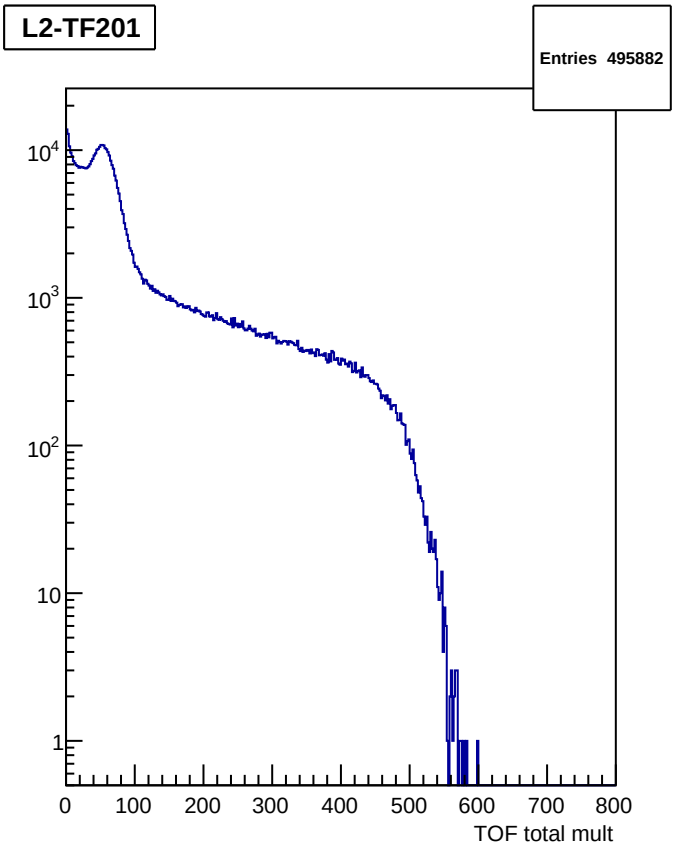

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

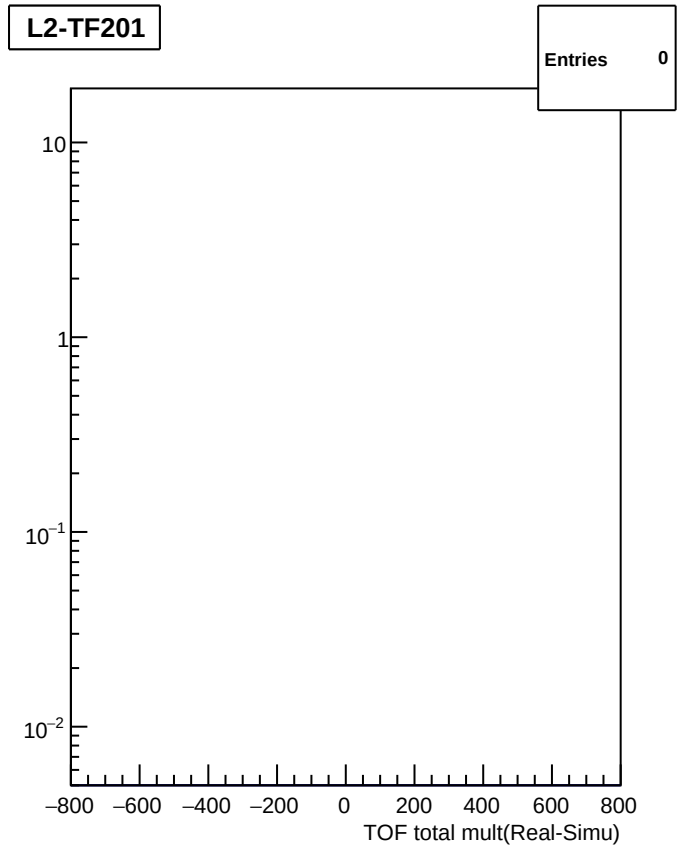

MIX-TF101
Entries 2975292
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

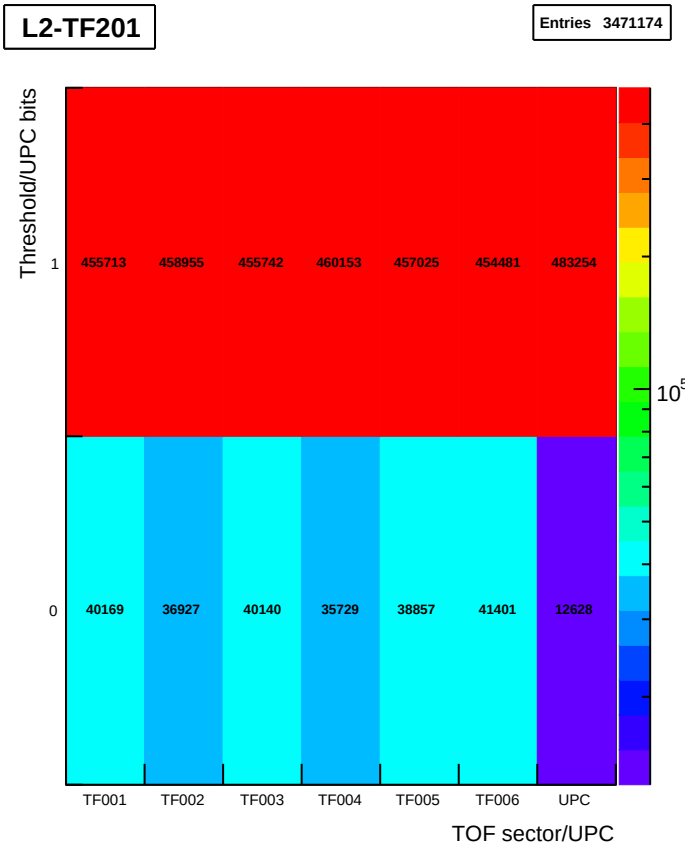

MIX-TF101
Entries 137056
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

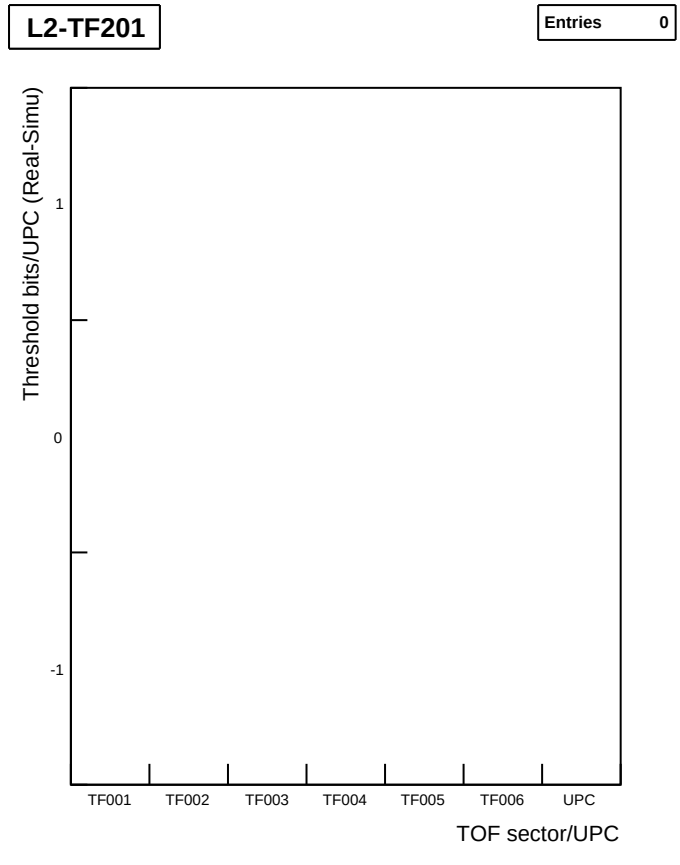

MIX-TF101
Entries 2975292
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

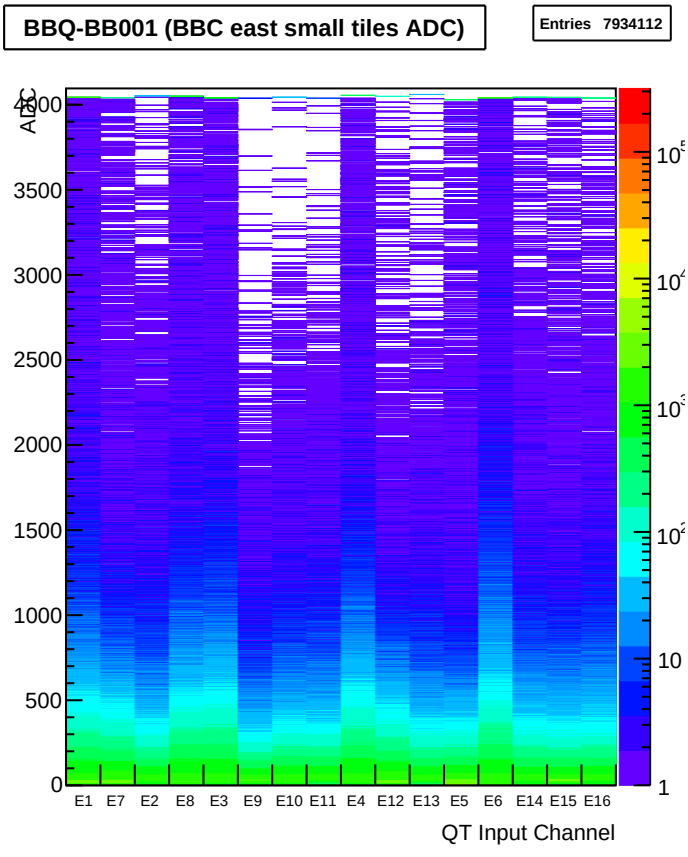

MIX-TF101
Entries 305667
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

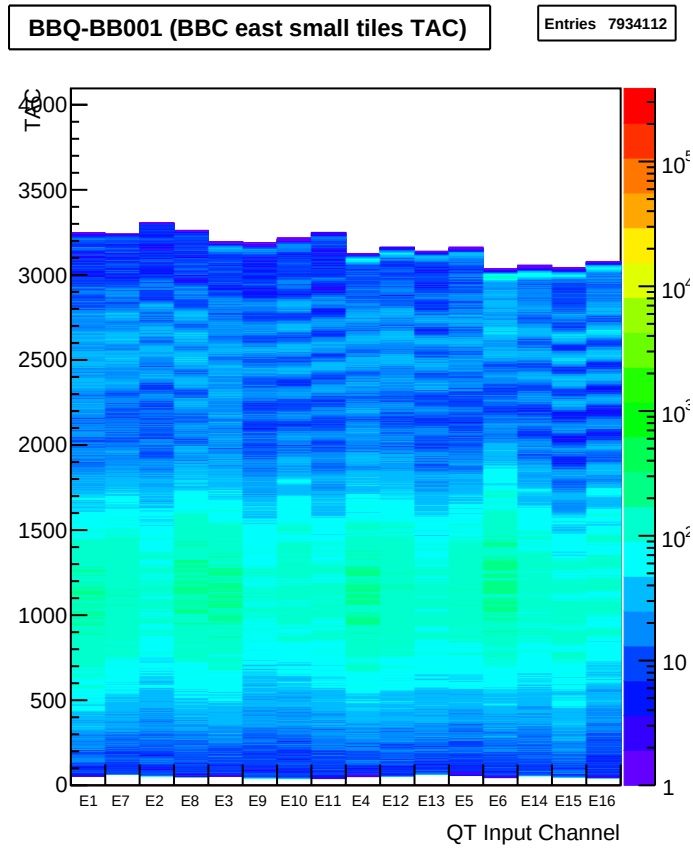

L2-TF201
Entries 495882
TOF total mult

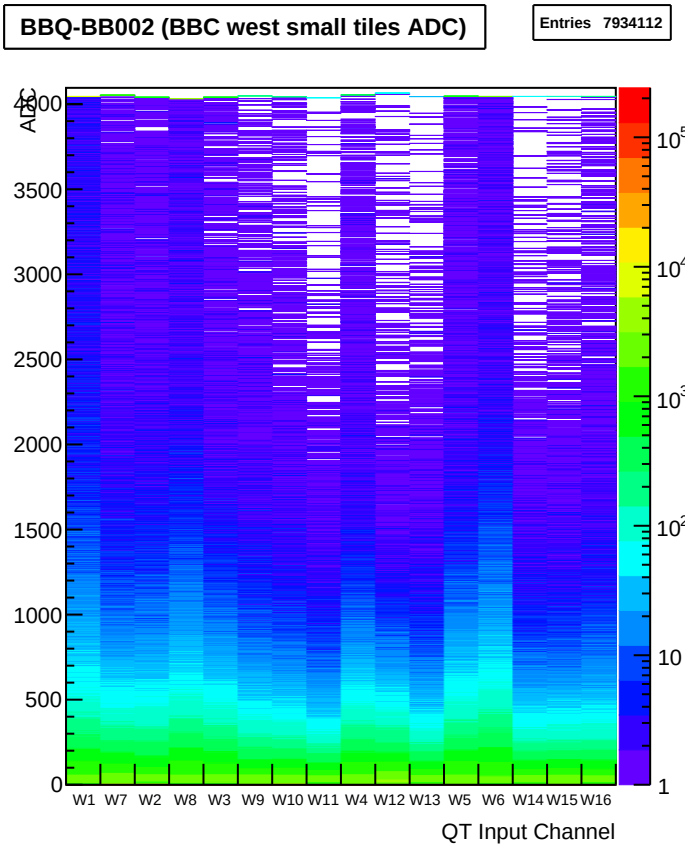

L2-TF201
Entries 0
TOF total mult(Real-Simu)

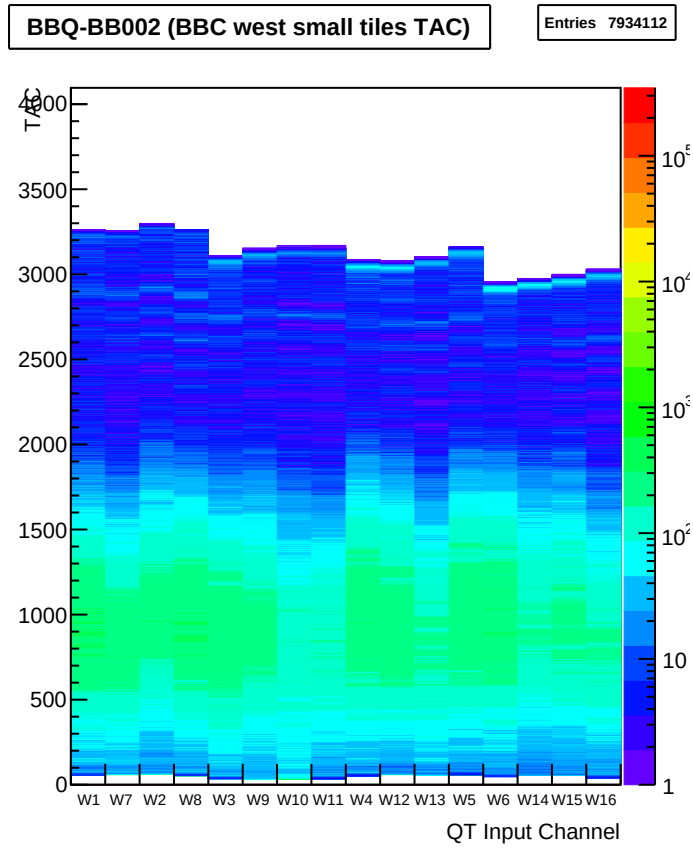

L2-TF201
Entries 3471174
Threshold/UPC bits
455713
458955
455742
460153
457025
454481
483254
40169
36927
40140
35729
38857
41401
12628
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

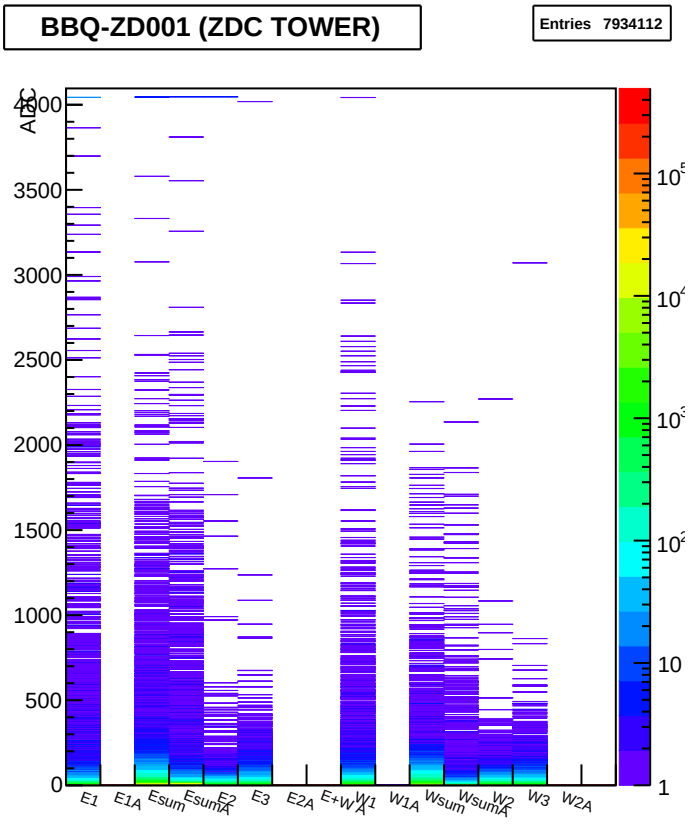

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

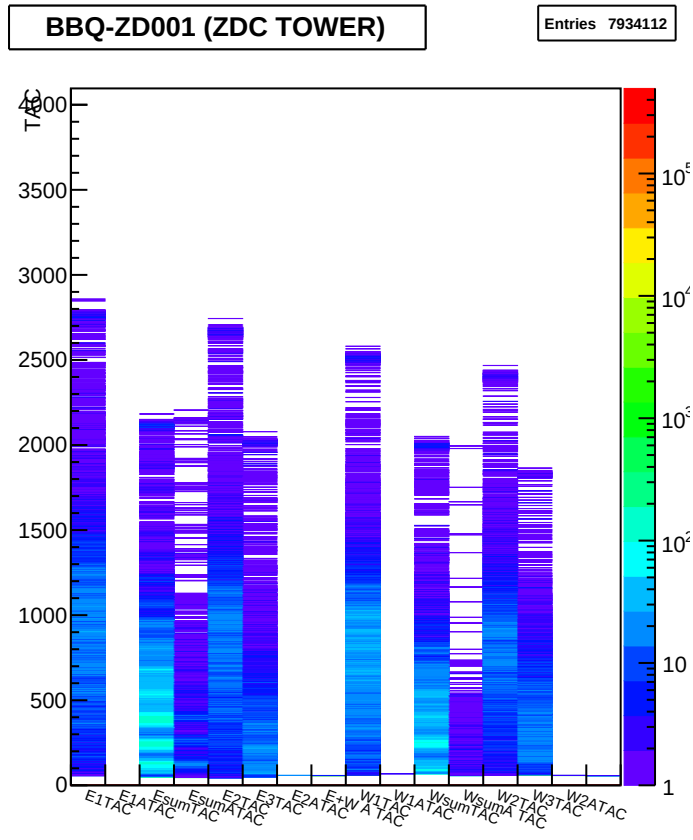

BBQ-BB001 (BBC east small tiles ADC)
Entries 7934112
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

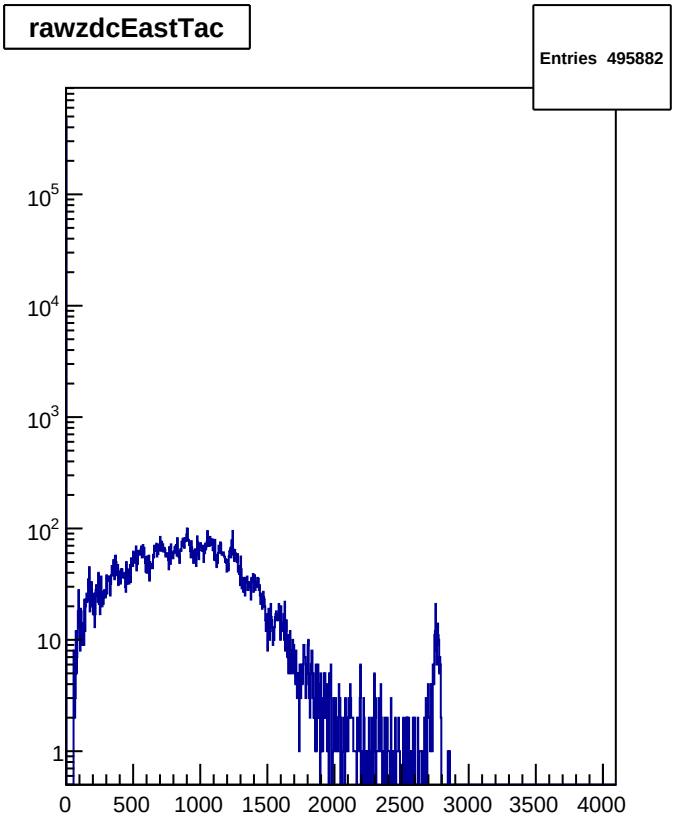

BBQ-BB001 (BBC east small tiles TAC)
Entries 7934112
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

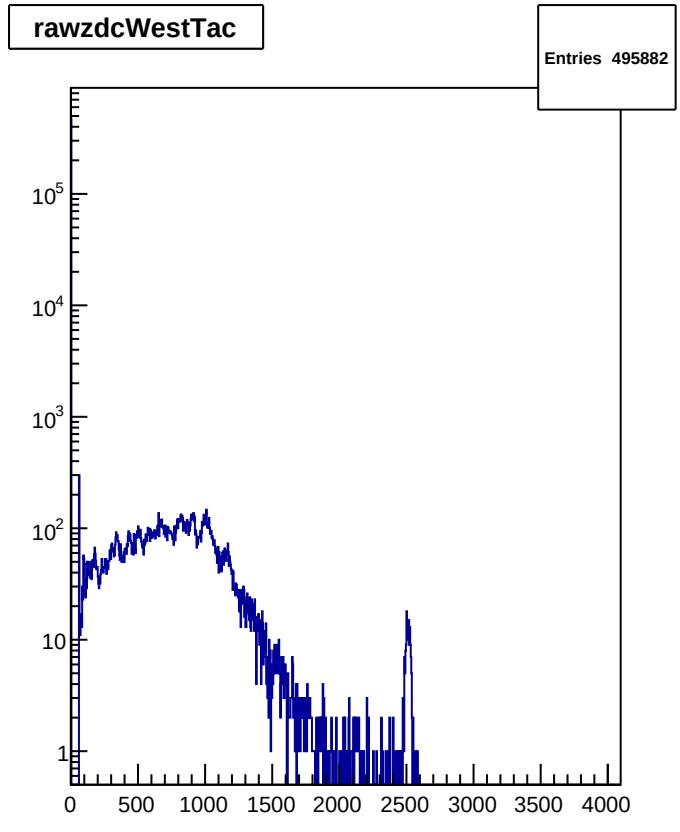

BBQ-BB002 (BBC west small tiles ADC)
Entries 7934112
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

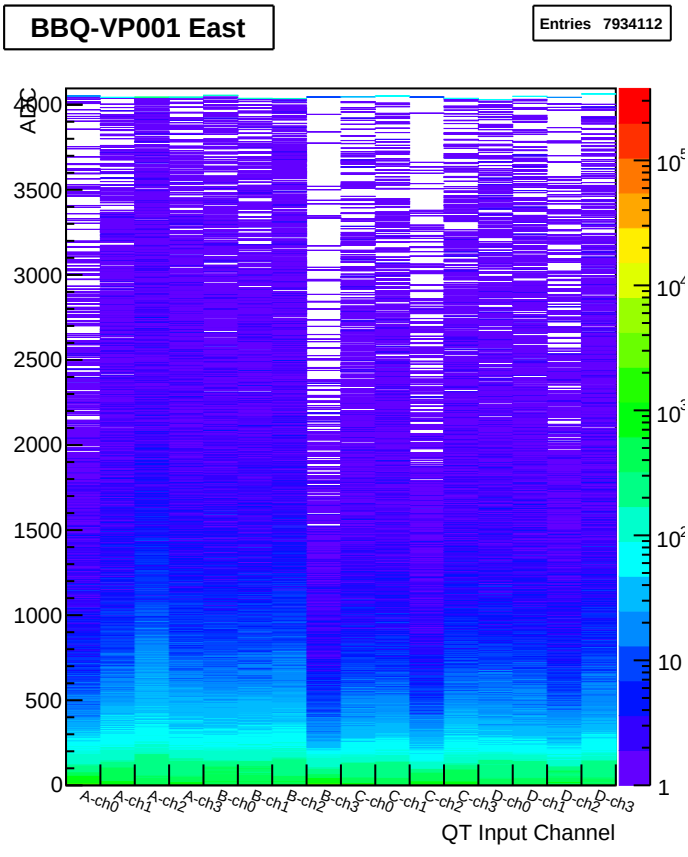

BBQ-BB002 (BBC west small tiles TAC)
Entries 7934112
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

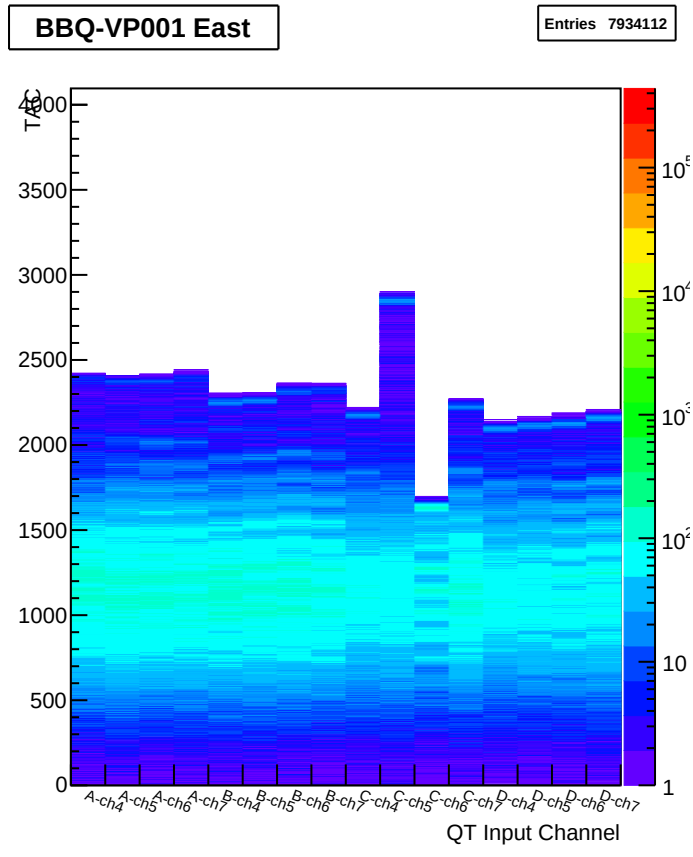

BBQ-ZD001 (ZDC TOWER)
Entries 7934112
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

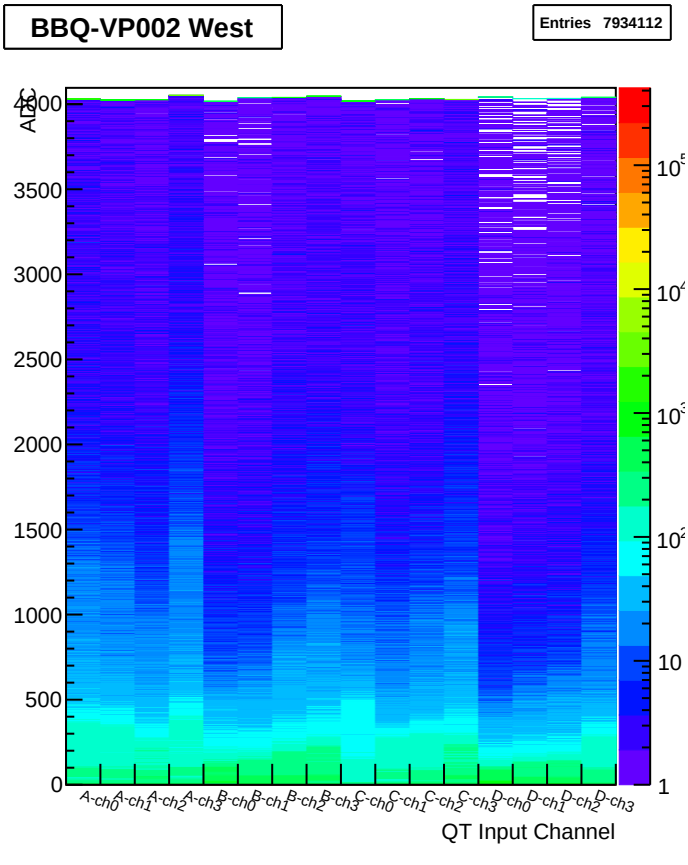

BBQ-ZD001 (ZDC TOWER)
Entries 7934112
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

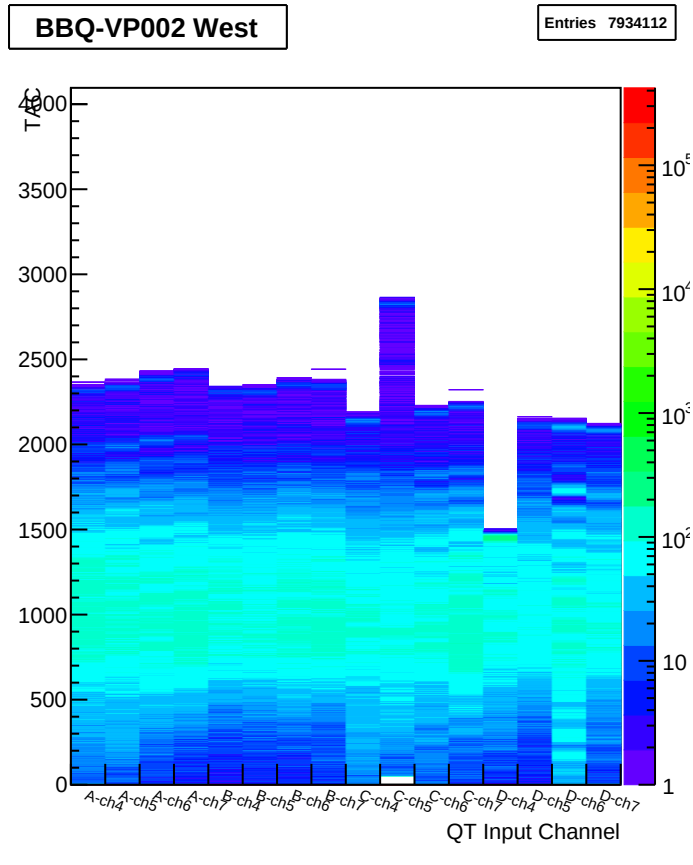

rawzdcEastTac
Entries 495882

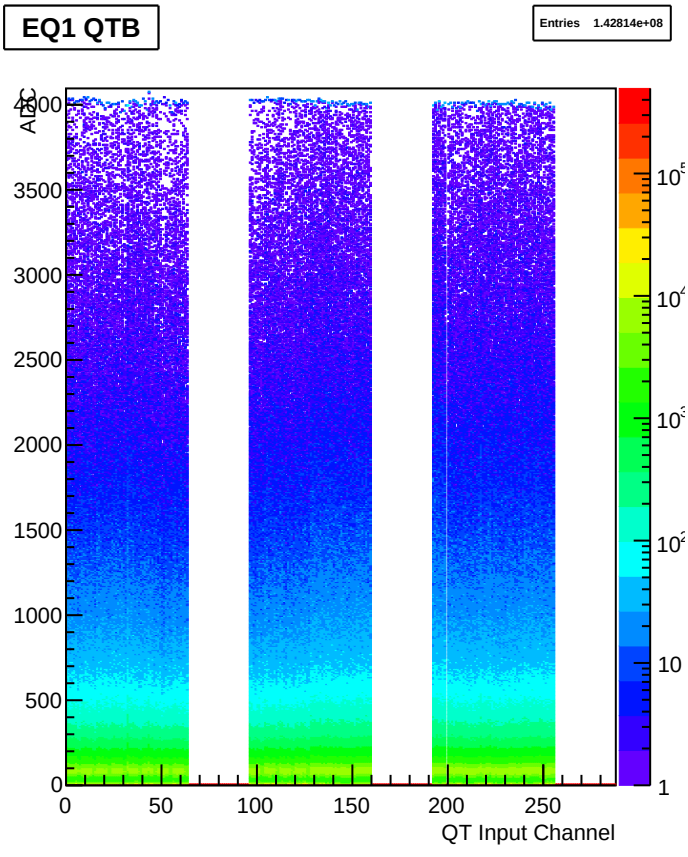

rawzdcWestTac
Entries 495882

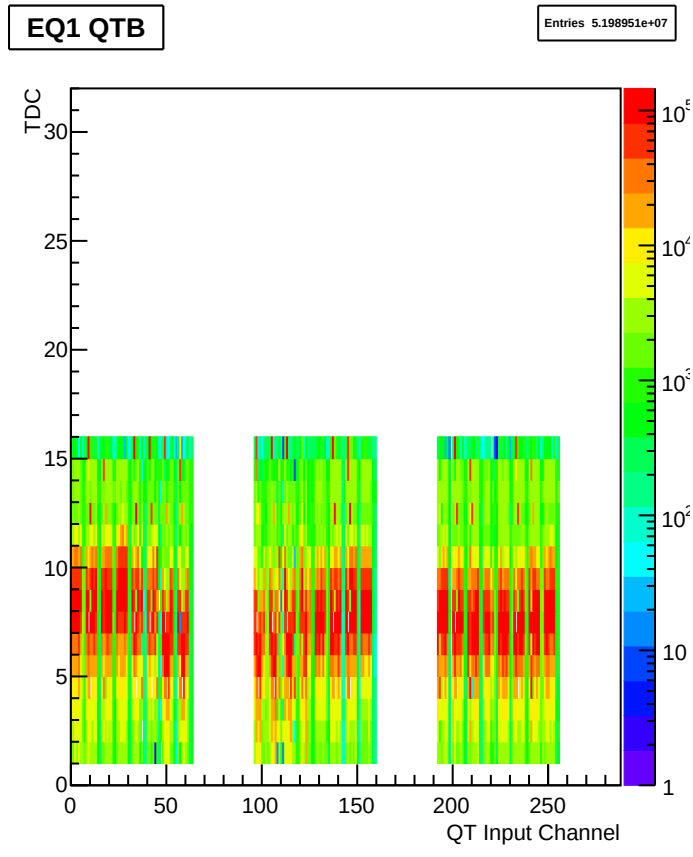

BBQ-VP001 East
Entries 7934112
ADC
QT Input Channel

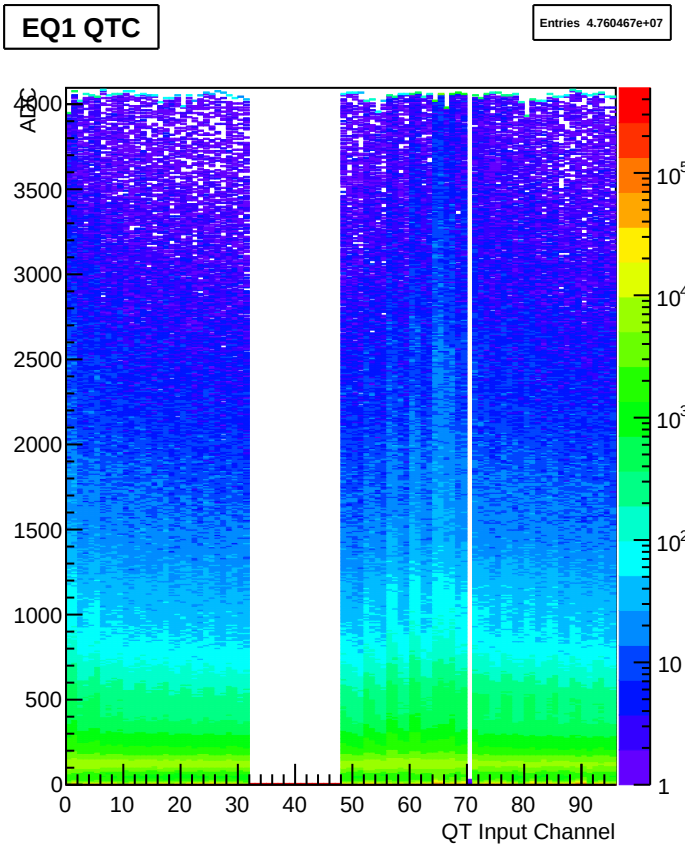

BBQ-VP001 East
Entries 7934112
ADC
QT Input Channel

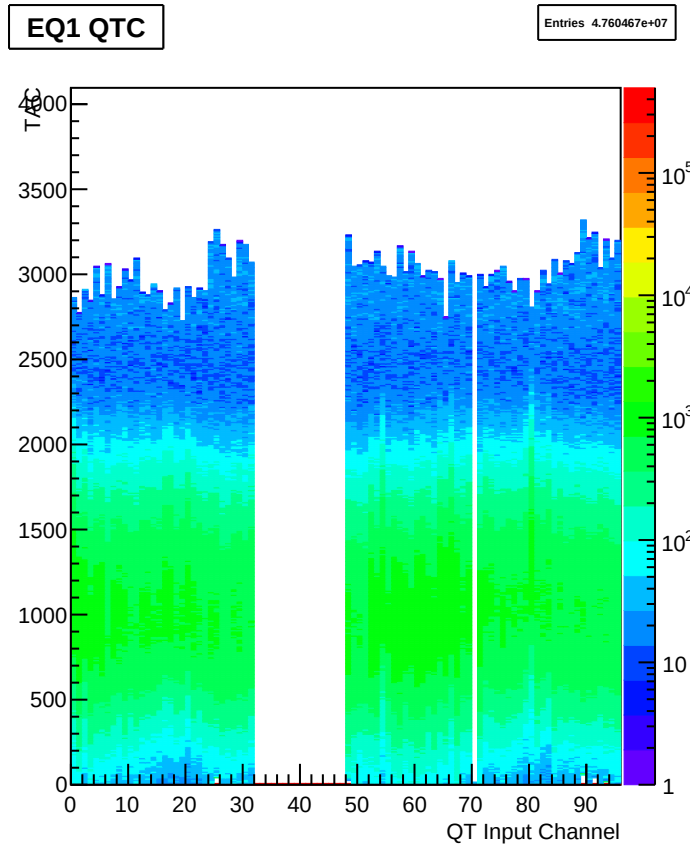

BBQ-VP002 West
Entries 7934112
ADC
QT Input Channel

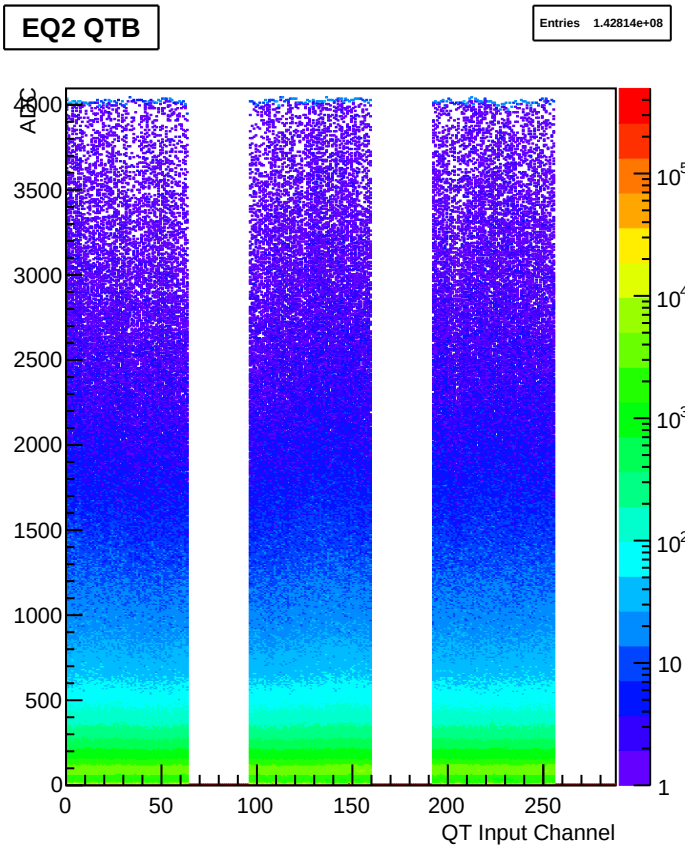

BBQ-VP002 West
Entries 7934112
ADC
QT Input Channel

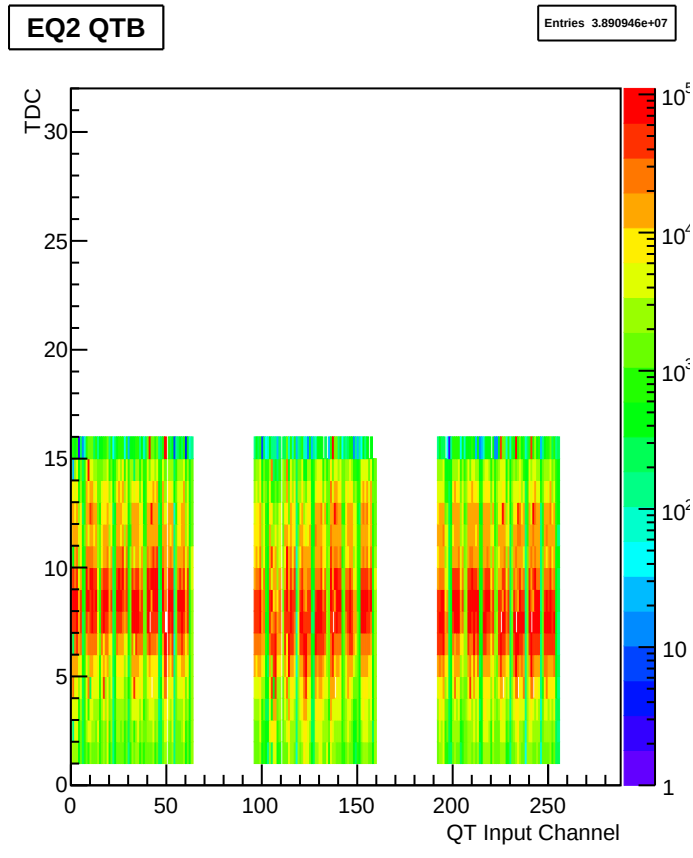

EQ1 QTB
Entries 1.42814e+08
ADC
QT Input Channel

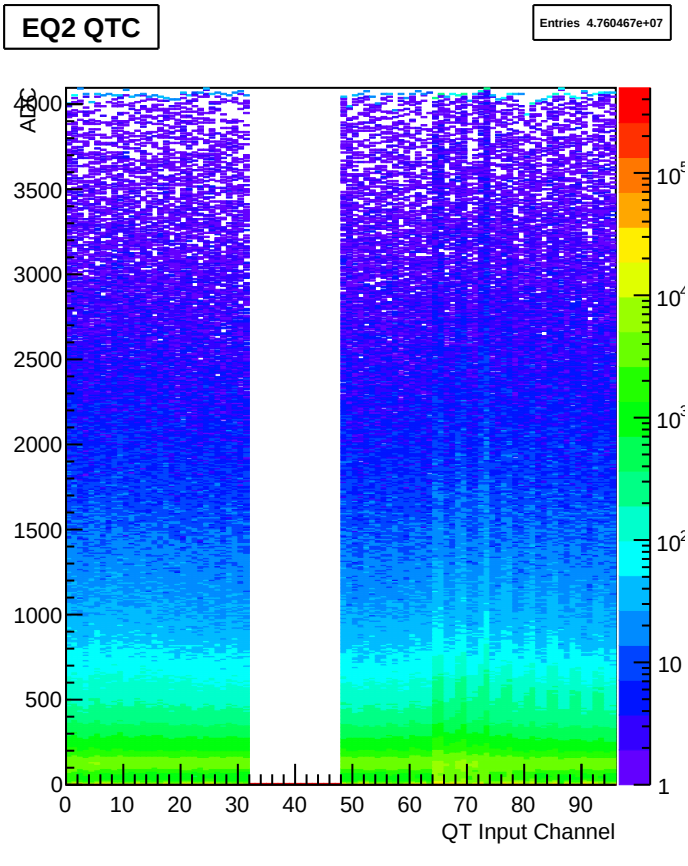

EQ1 QTB
Entries 5.198951e+07
TDC
QT Input Channel

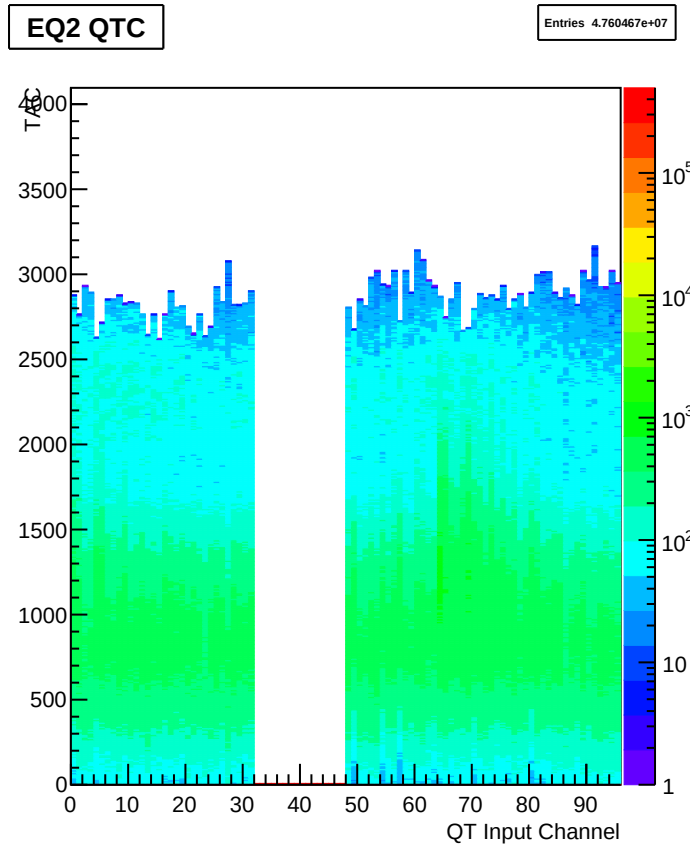

EQ1 QTC
Entries 4.760467e+07
ADC
QT Input Channel

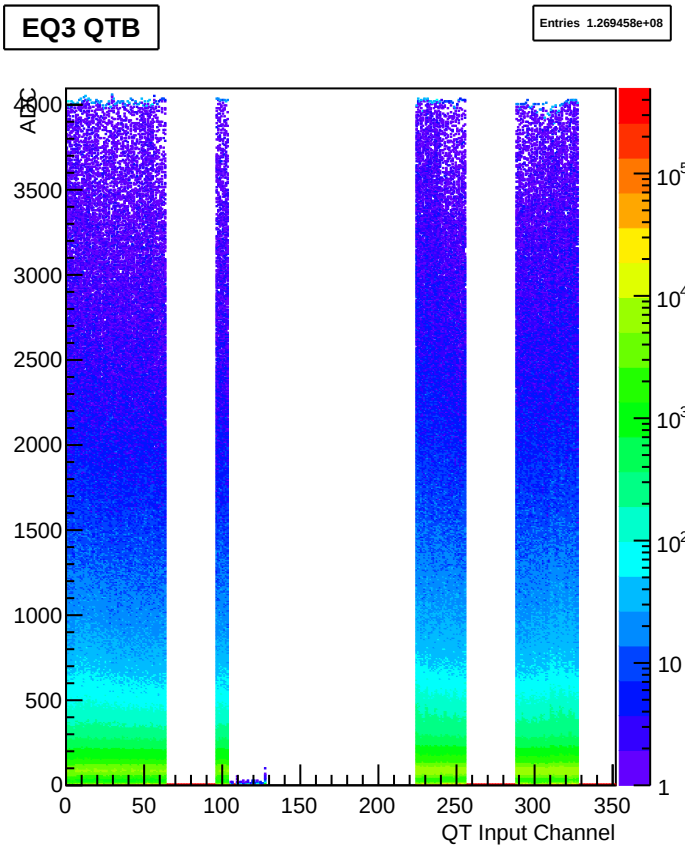

EQ1 QTC
Entries 4.760467e+07
TADC
QT Input Channel

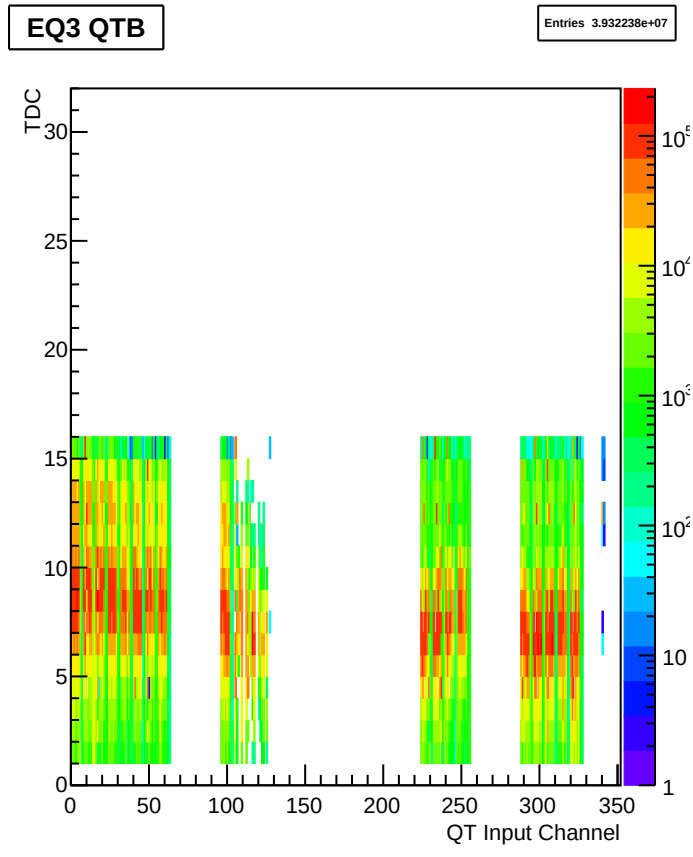

EQ2 QTB
Entries 1.42814e+08
ADC
QT Input Channel

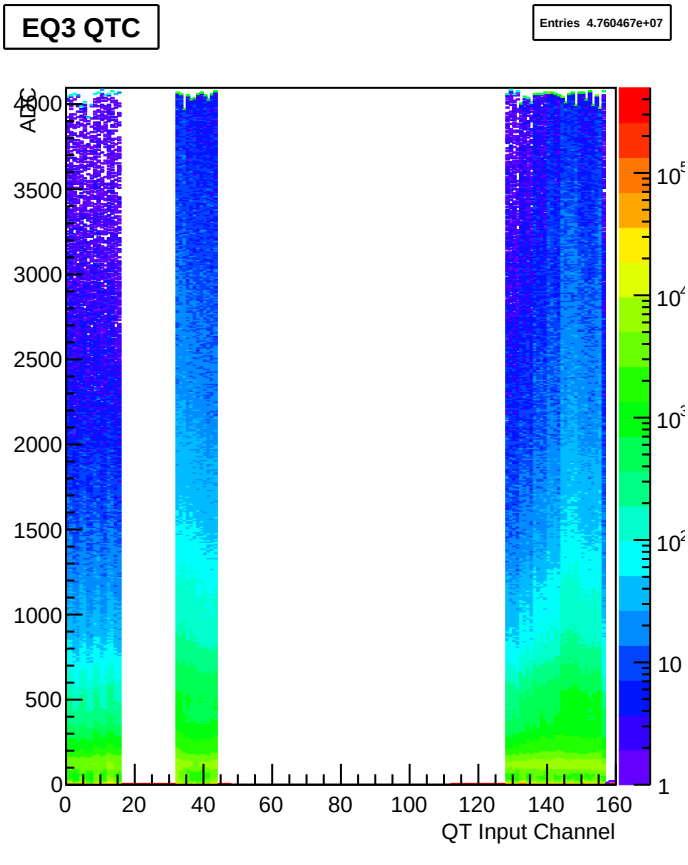

EQ2 QTB
Entries 3.890946e+07
TDC
QT Input Channel

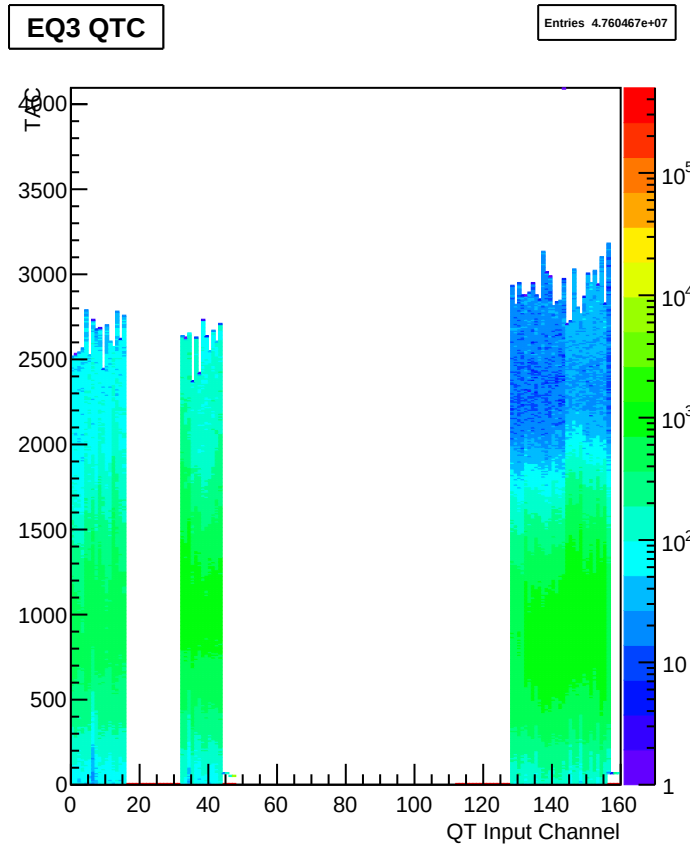

EQ2 QTC
Entries 4.760467e+07
ADC
QT Input Channel

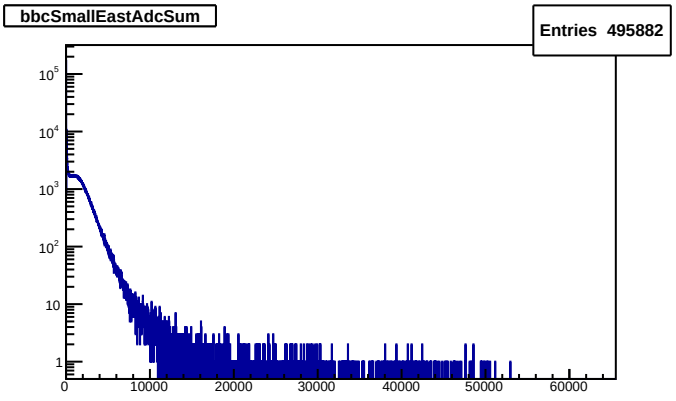

EQ2 QTC
Entries 4.760467e+07
TADC
QT Input Channel

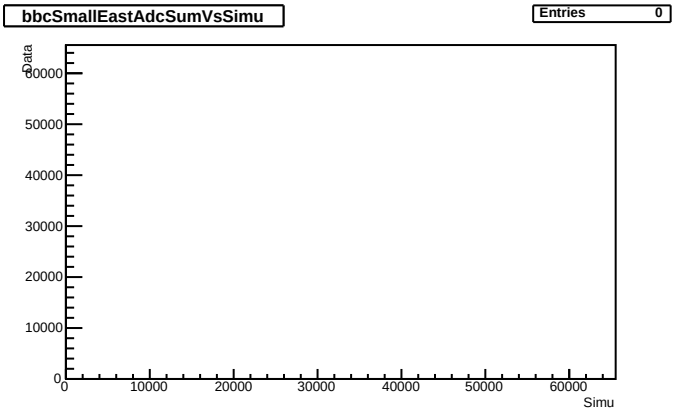

EQ3 QTB
Entries 1.269458e+08
ADC
QT Input Channel

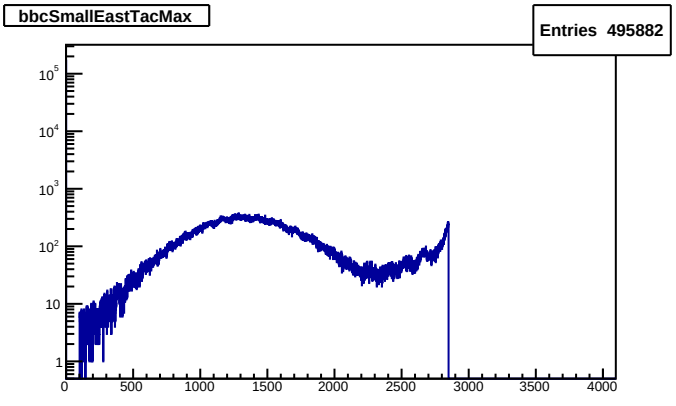

EQ3 QTB
Entries 3.932238e+07
TDC
QT Input Channel

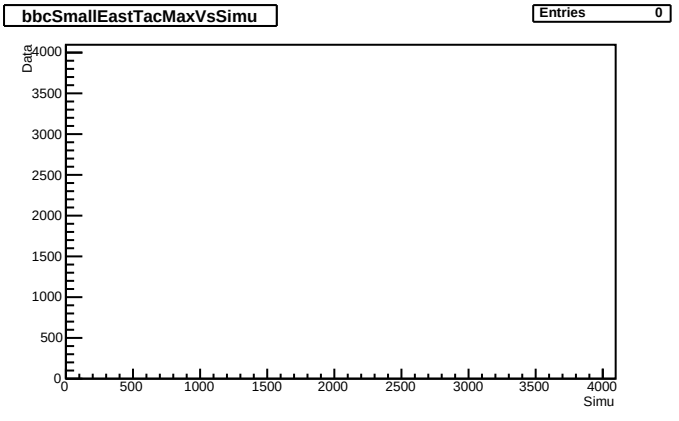

EQ3 QTC
Entries 4.760467e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.760467e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 495882


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 495882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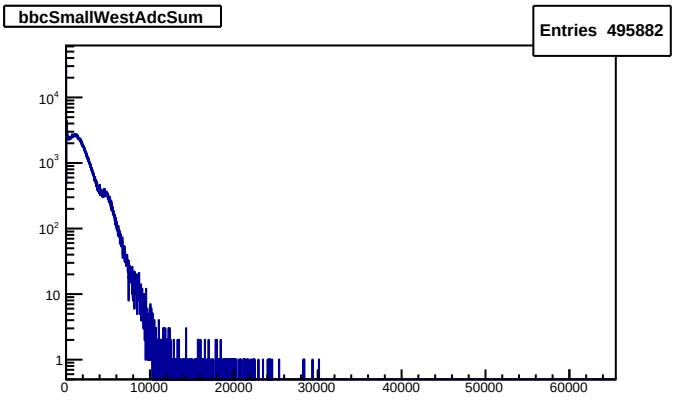
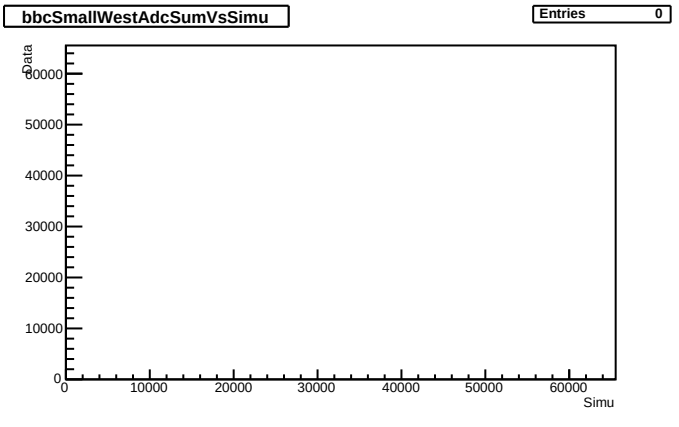
Simu


bbcSmallWestAdcSum
Entries 495882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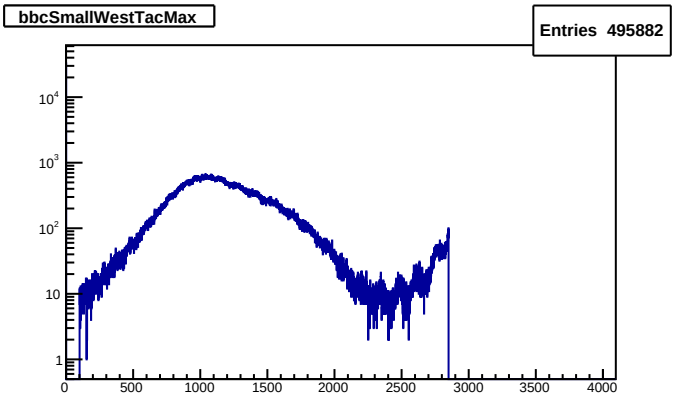
Simu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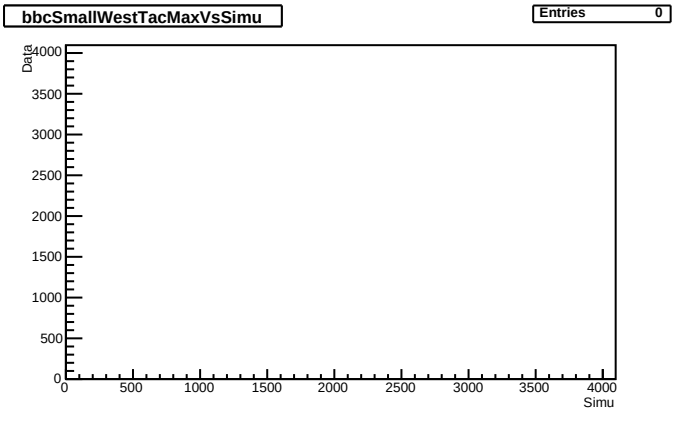
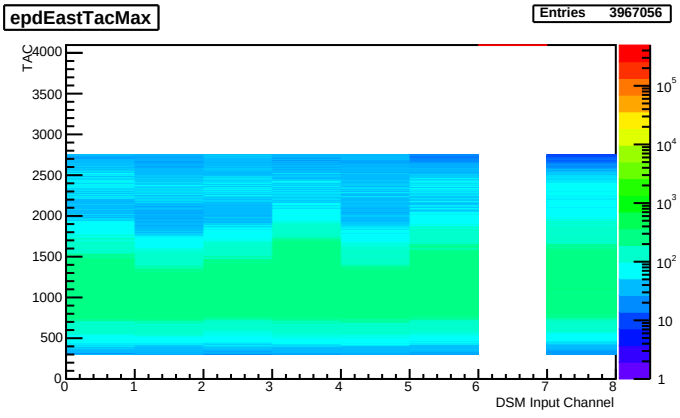
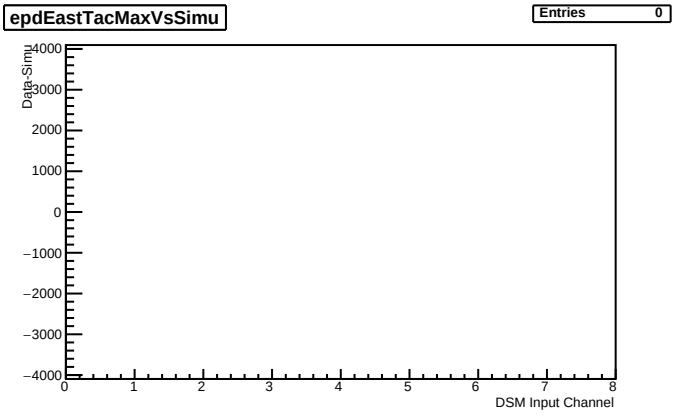
Entries 495882


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 3967056
TAC
DSM Input Channel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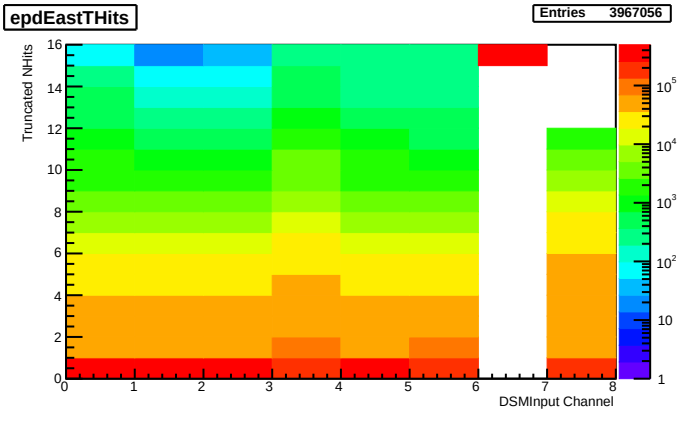
Data-Simu
DSM Input Channel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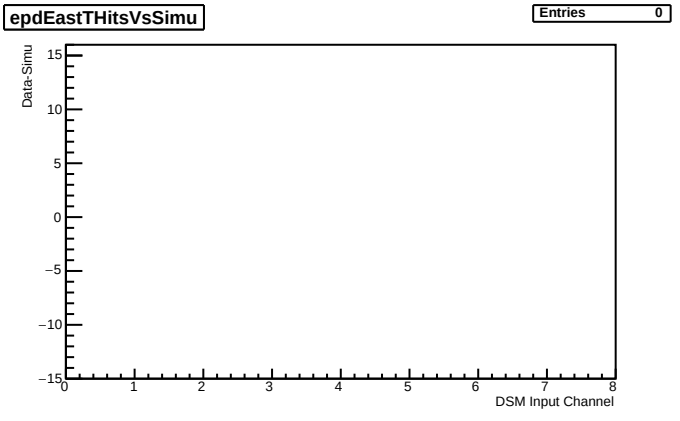
Entries 3967056
Truncated NHits
DSMInput Channel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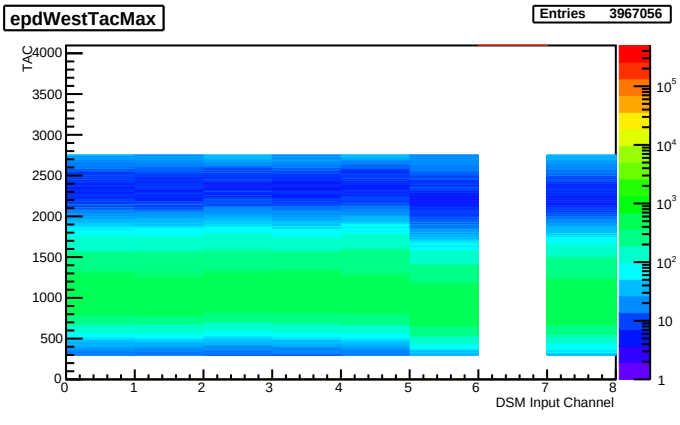
DSM Input Channel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Entries 3967056
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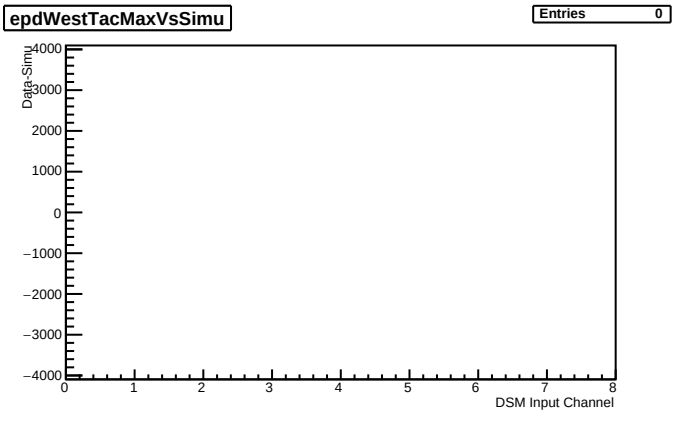
DSM Input Channel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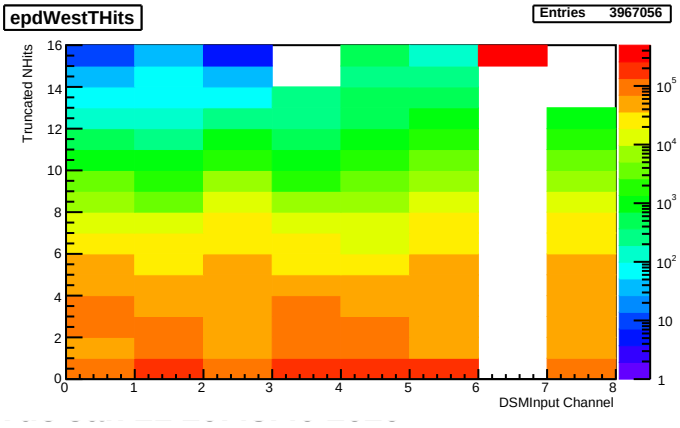
Entries 0
Data-Simu
DSM Input Channel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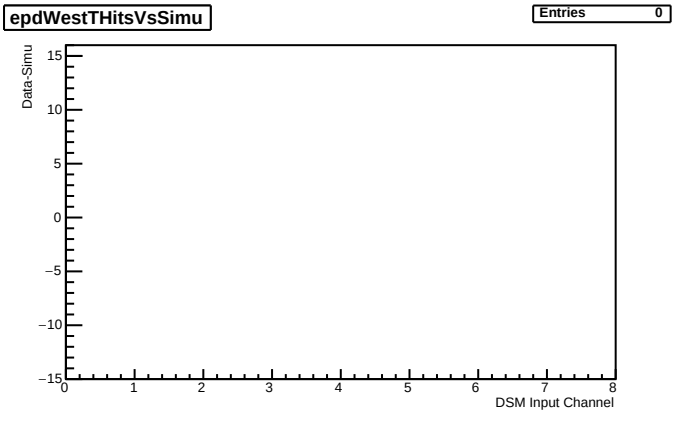
Entries 3967056
Truncated NHits
DSMInput Channel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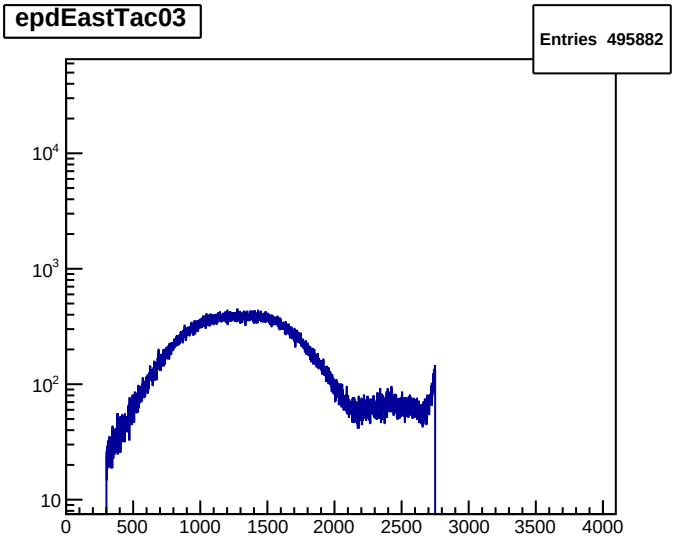
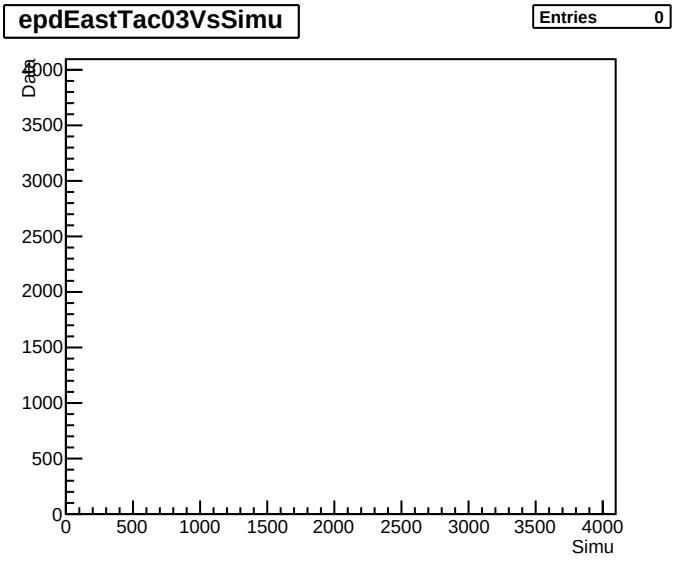
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 495882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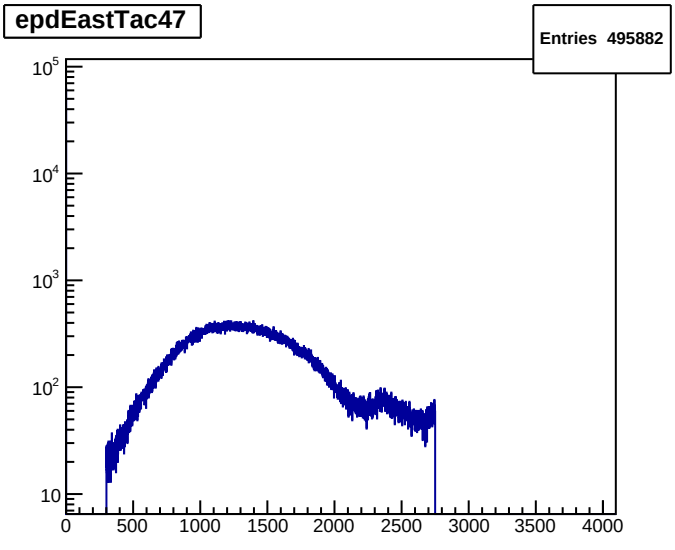
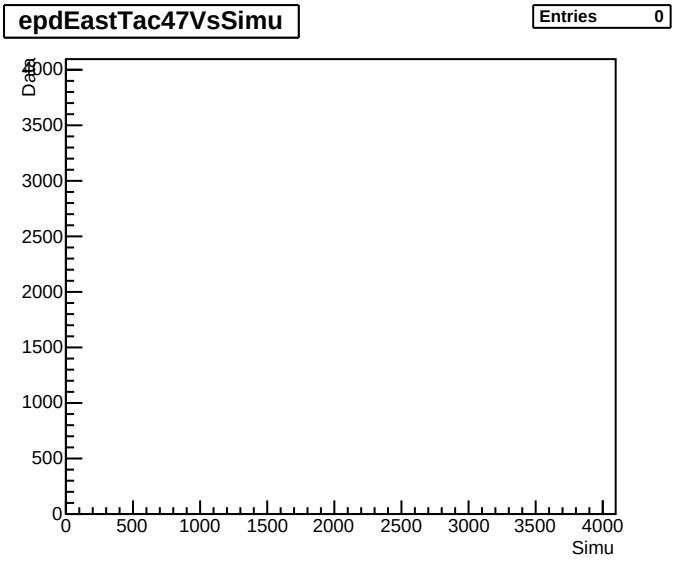
Entries 0
Data
Simu


epdEastTac47
Entries 495882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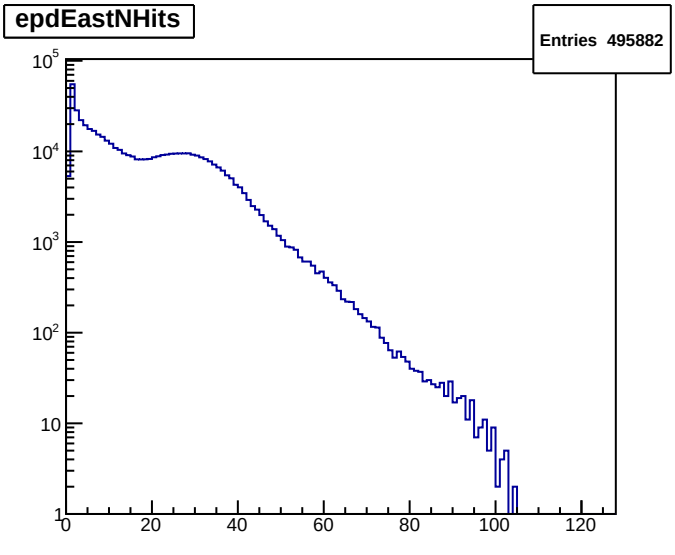
Entries 0
Data
Simu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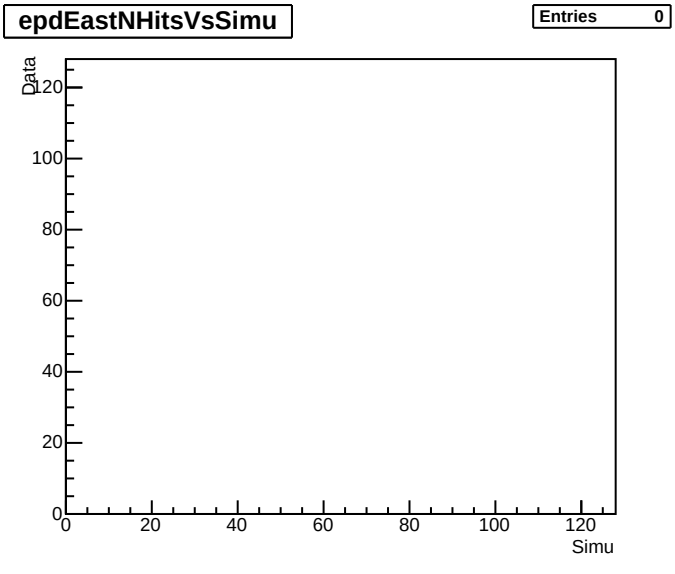
Entries 495882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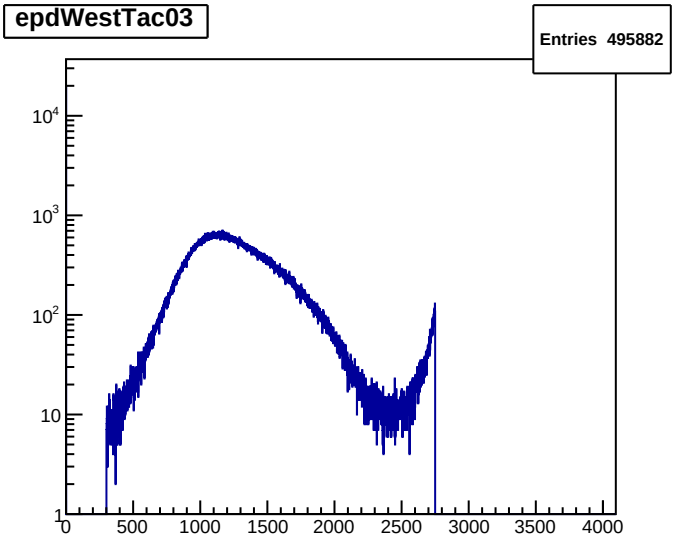
Entries 0
Data
Simu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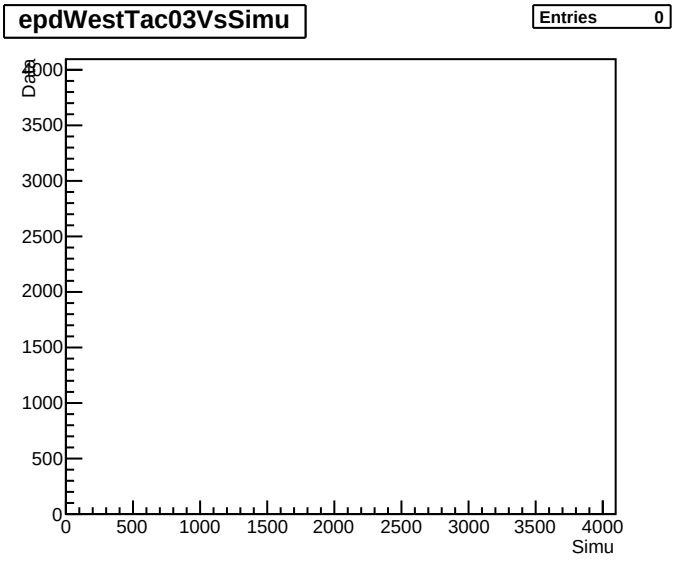
Entries 495882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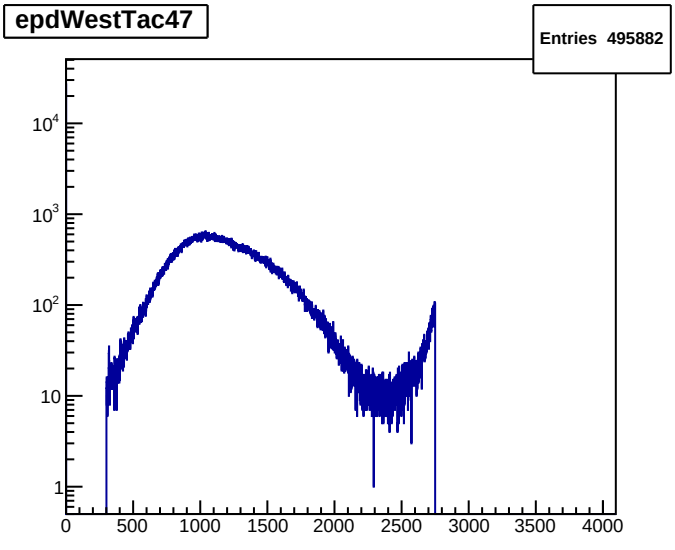
Entries 0
Data
Simu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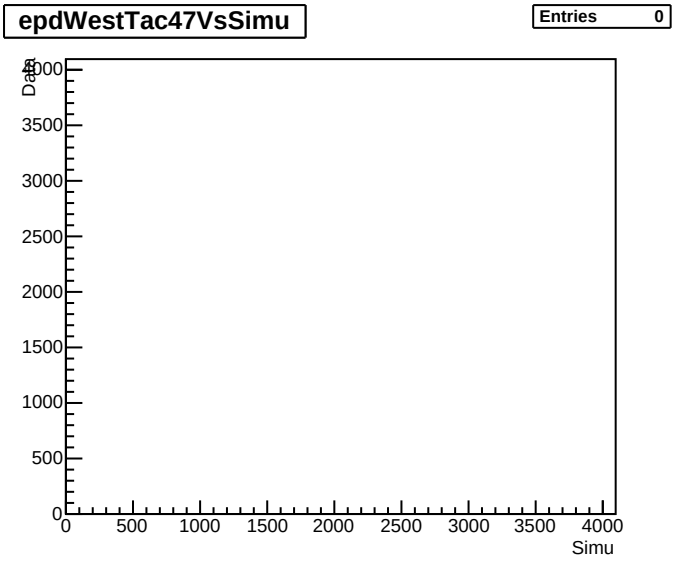
Entries 495882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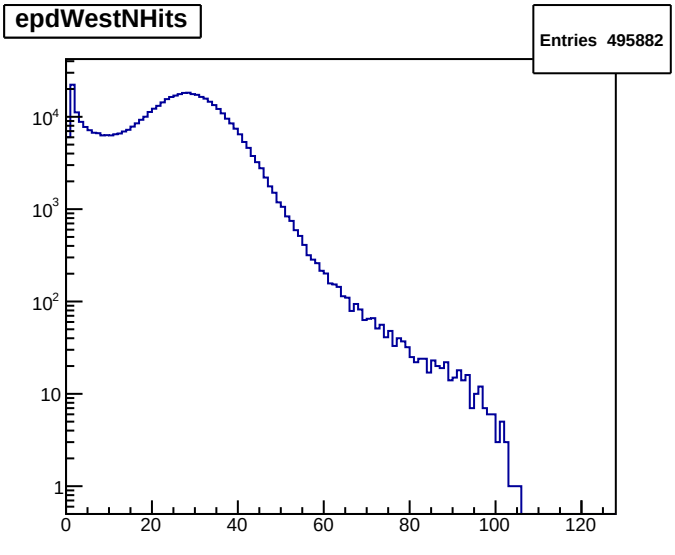
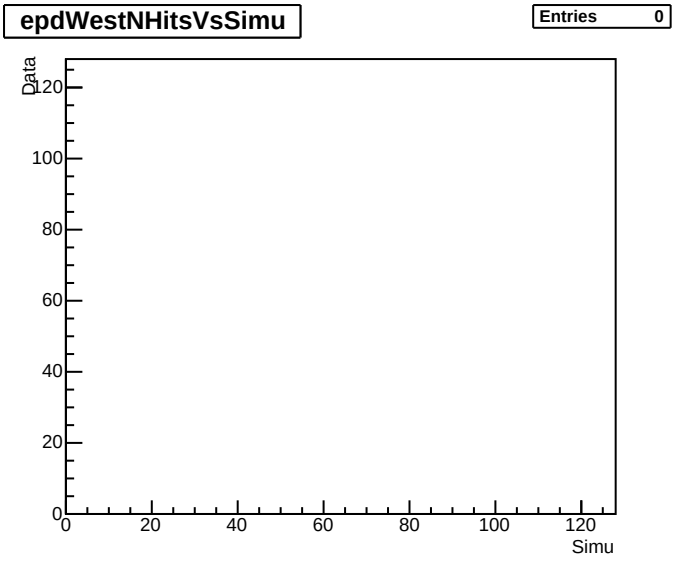
Entries 0
Data
Simu


epdWestNHits
Entries 495882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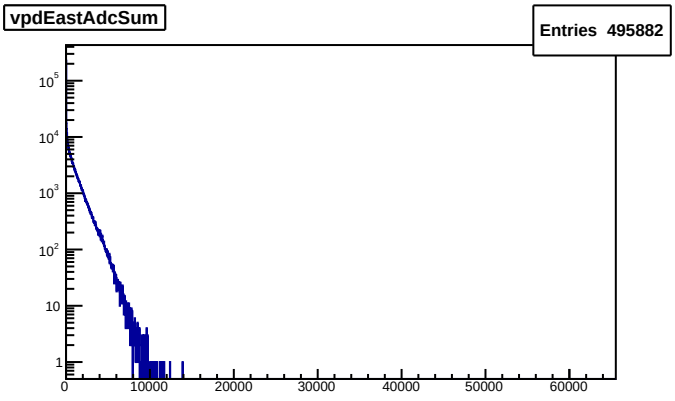
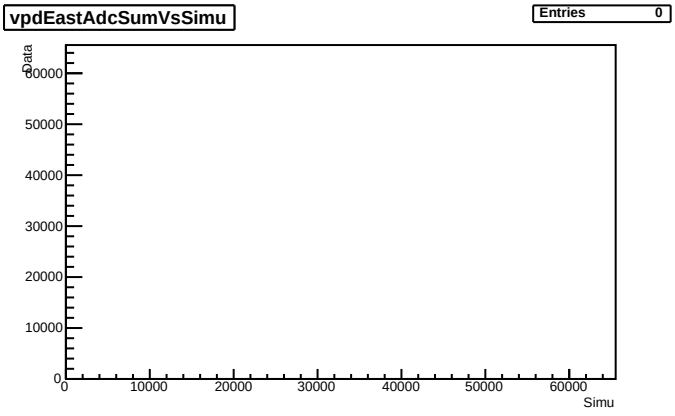
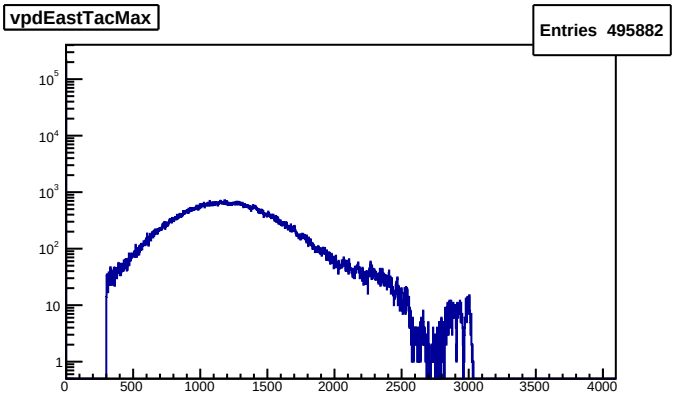
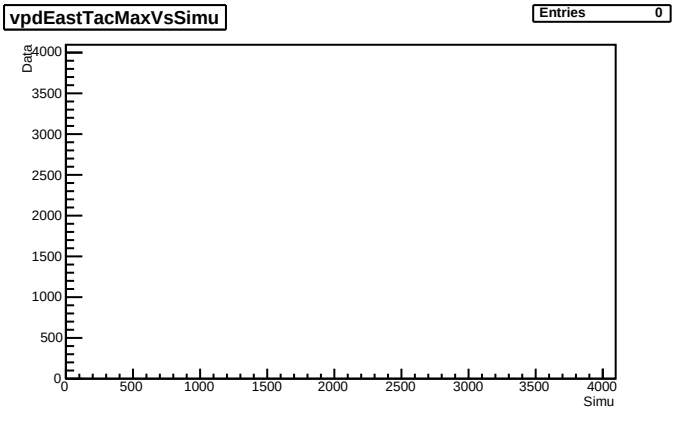
Entries 0
Data
Simu


vpdEastAdcSum
Entries 495882


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 495882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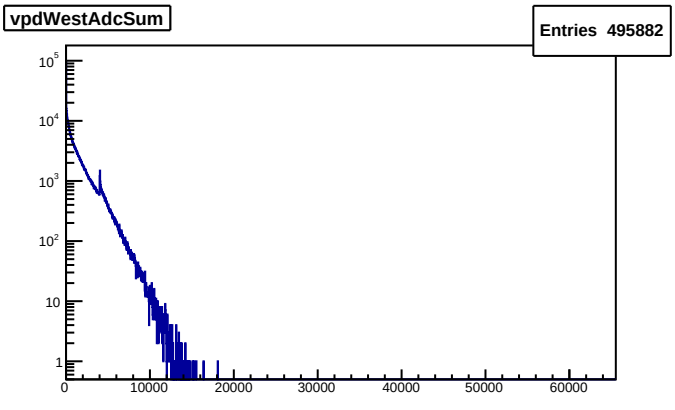
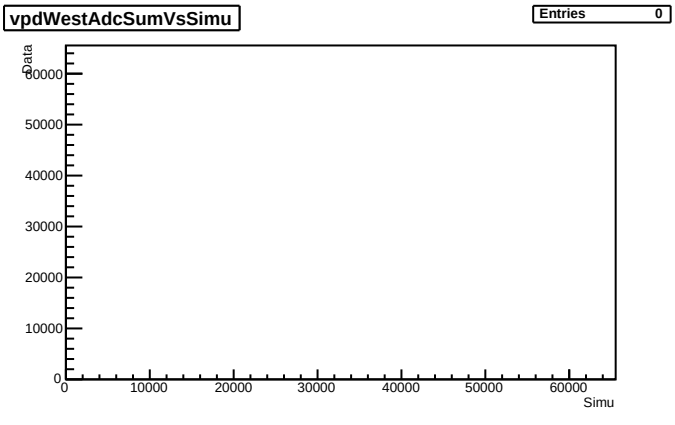
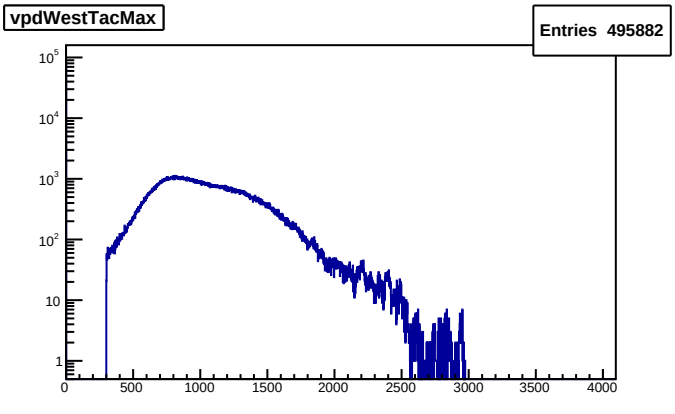
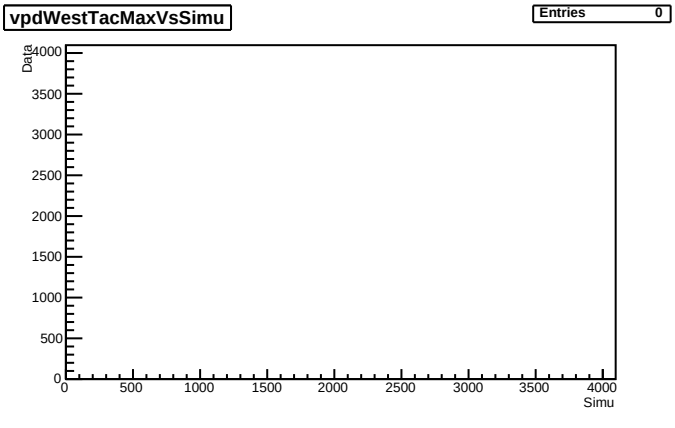
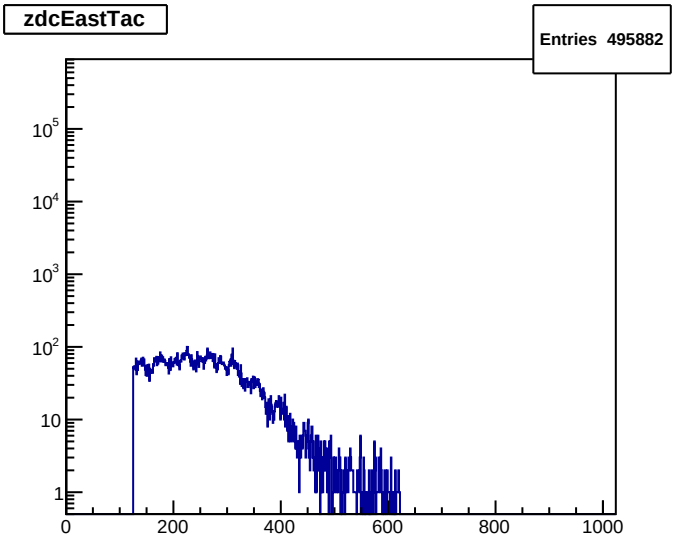
Entries 0
Data
Simu

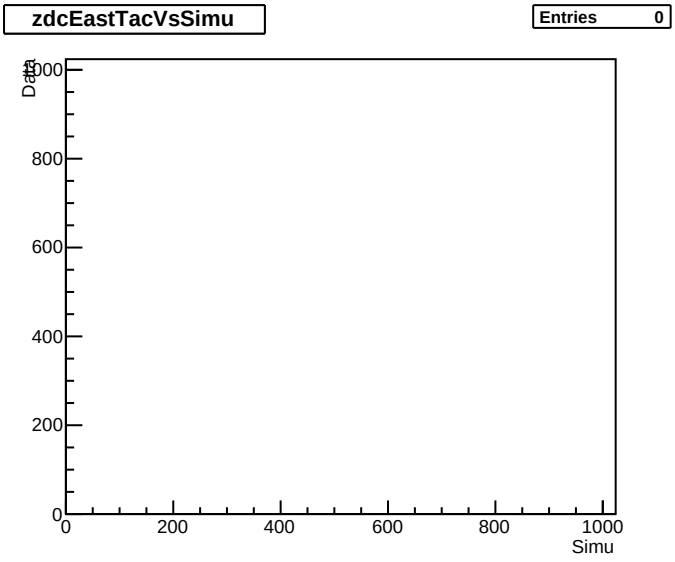

vpdWestAdcSum
Entries 495882

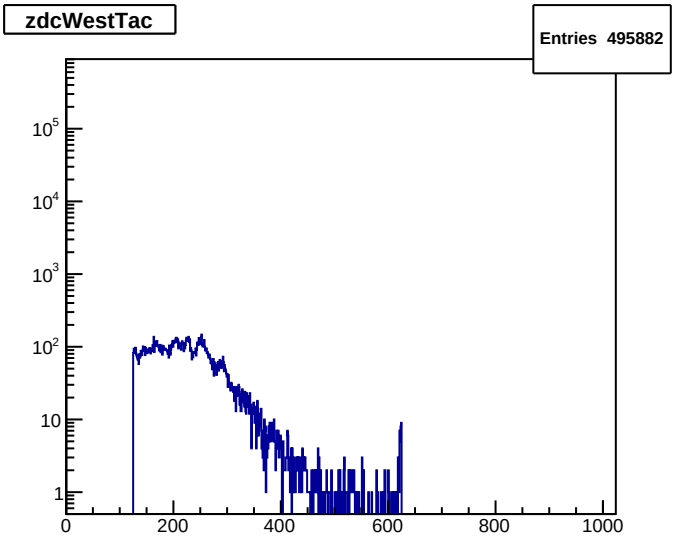

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

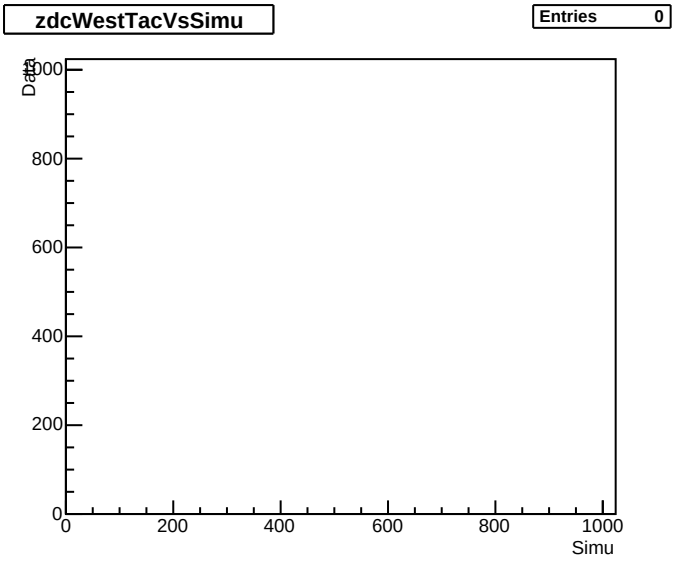

vpdWestTacMax
Entries 495882

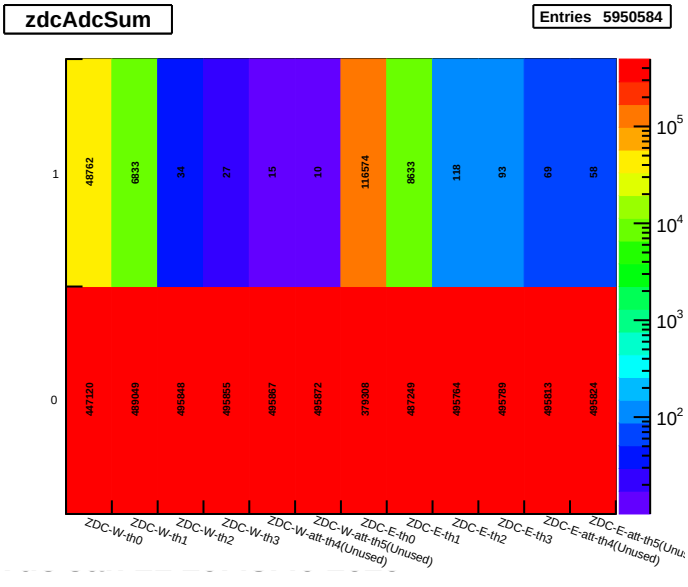

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

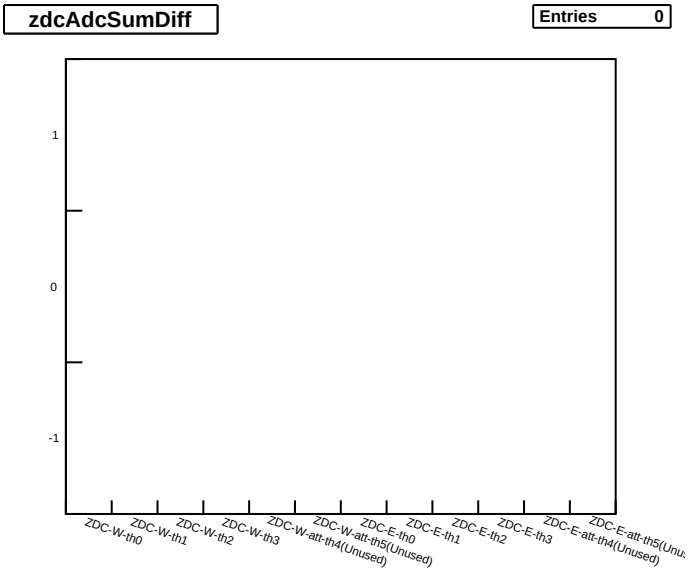

zdcEastTac
Entries 495882
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

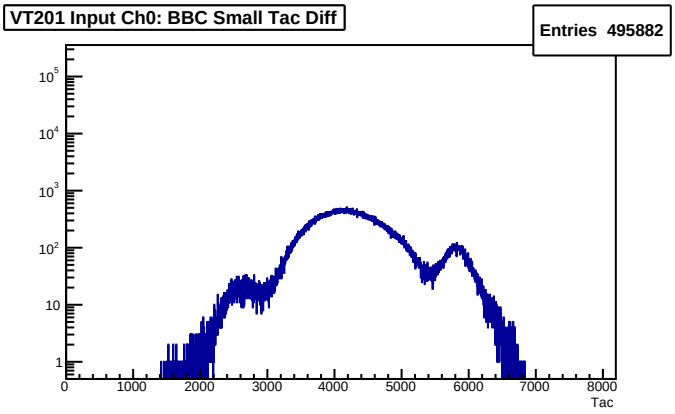

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

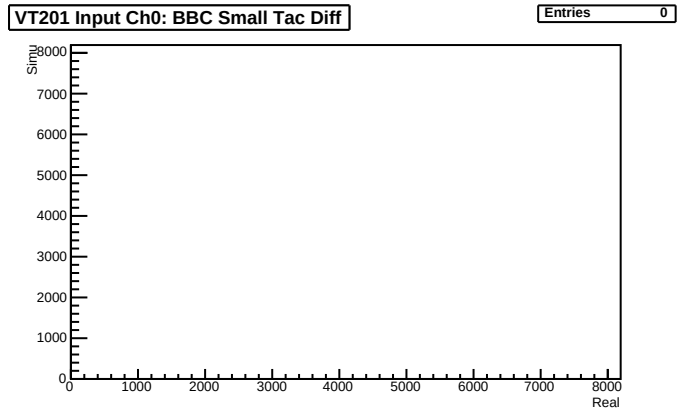

zdcWestTac
Entries 495882
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

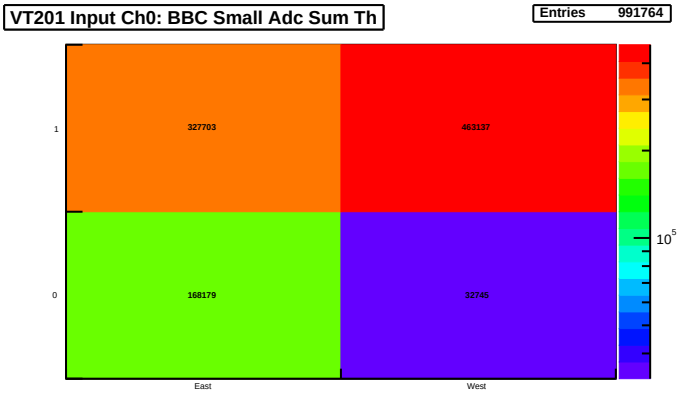

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

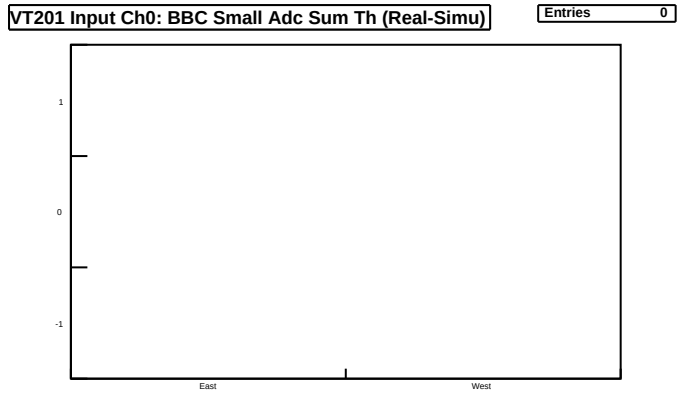

zdcAdcSum
Entries 5950584
1
0
48762
6833
34
27
15
10
116574
8633
118
93
69
58
447120
489049
495848
495855
495867
495872
379308
487249
495764
495769
495813
495824
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

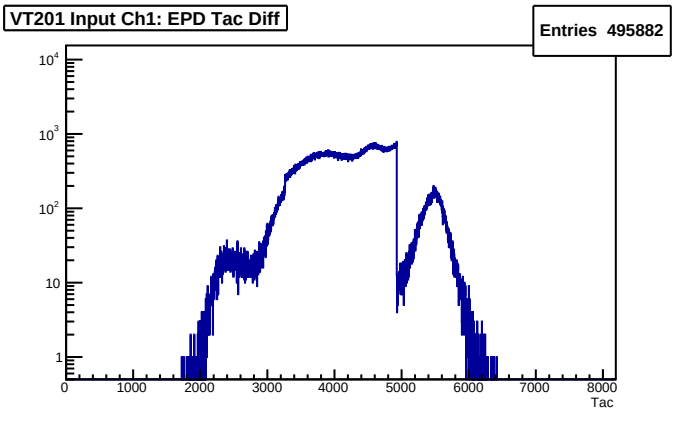

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

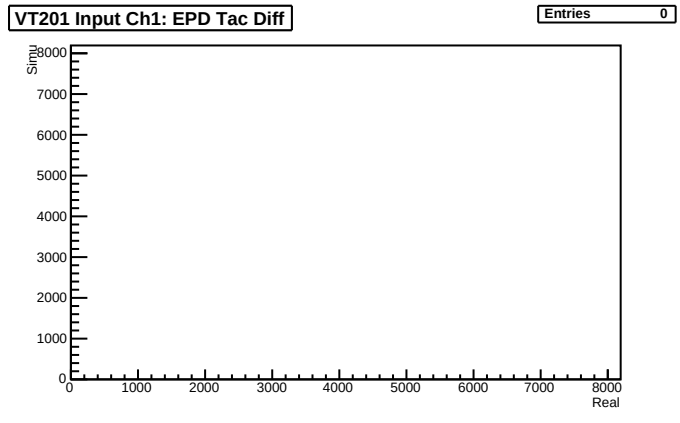

VT201 Input Ch0: BBC Small Tac Diff
Entries 495882
Tac

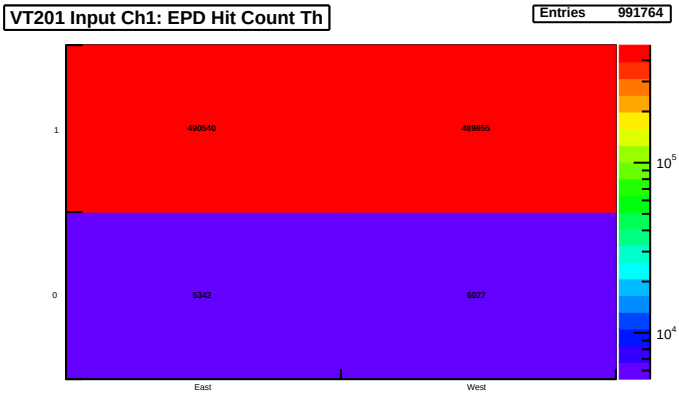

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

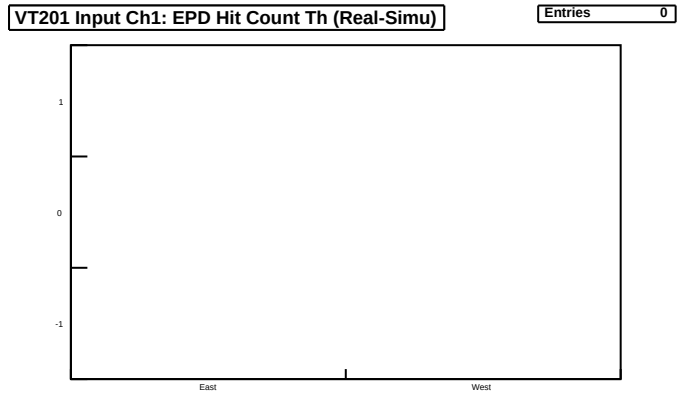

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 991764
327703
463137
168179
32745
East
West

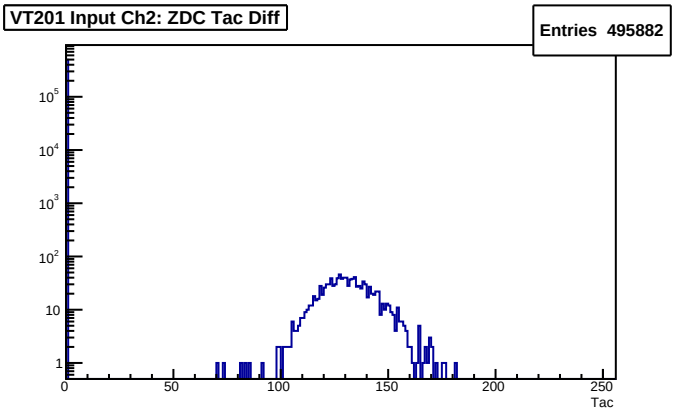

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

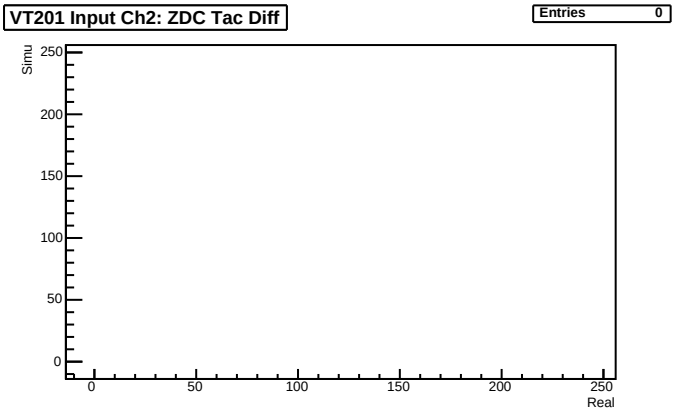

VT201 Input Ch1: EPD Tac Diff
Entries 495882
Tac

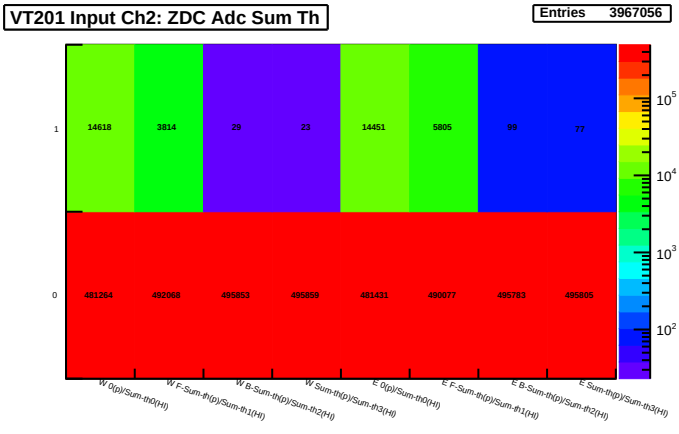

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

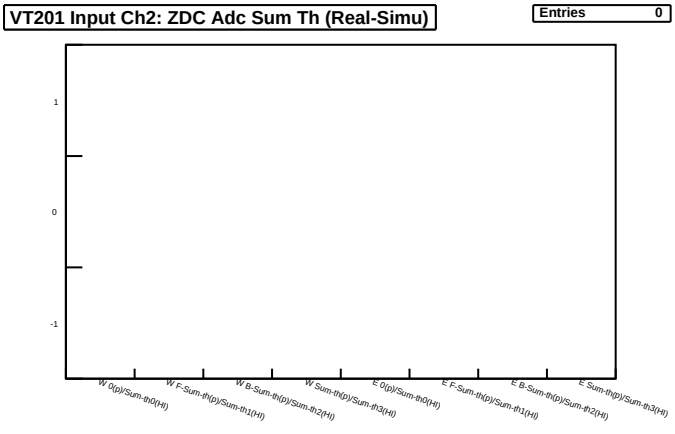

VT201 Input Ch1: EPD Hit Count Th
Entries 991764
490540
489855
5342
6027
East
West

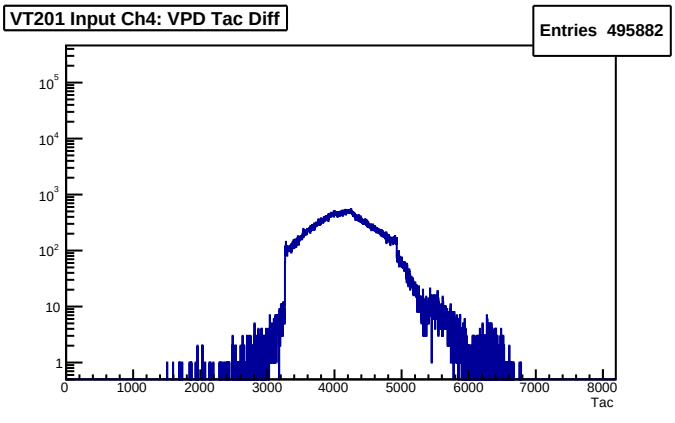

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

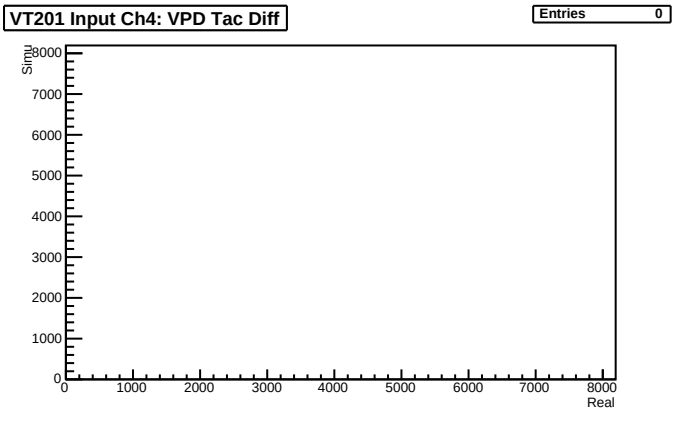

VT201 Input Ch2: ZDC Tac Diff
Entries 495882
Tac

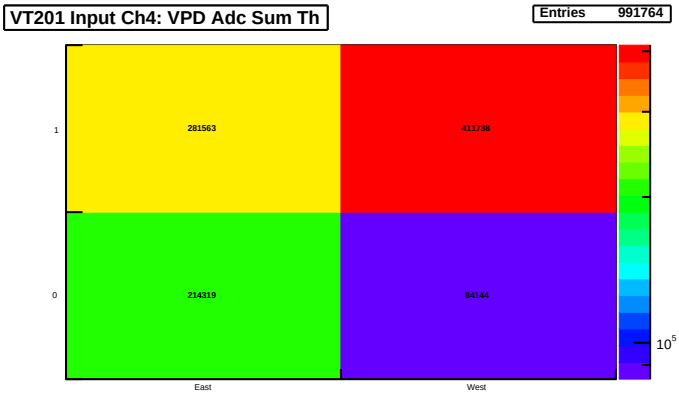

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

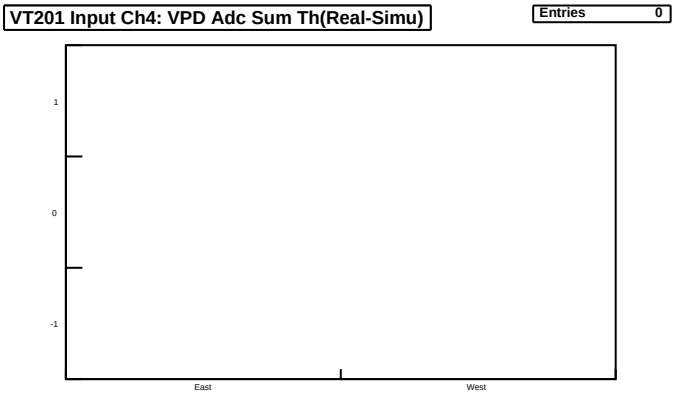

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3967056
14618
3814
29
23
14451
5805
99
77
481264
492068
495853
495859
481431
490077
495783
495805
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

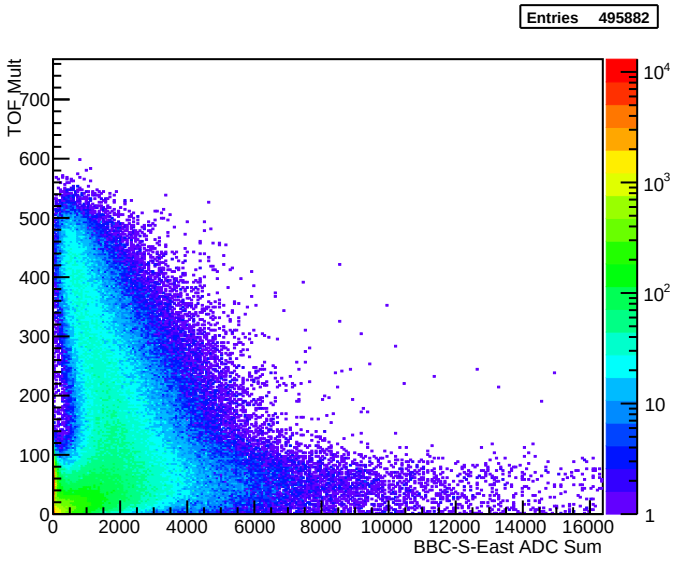

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

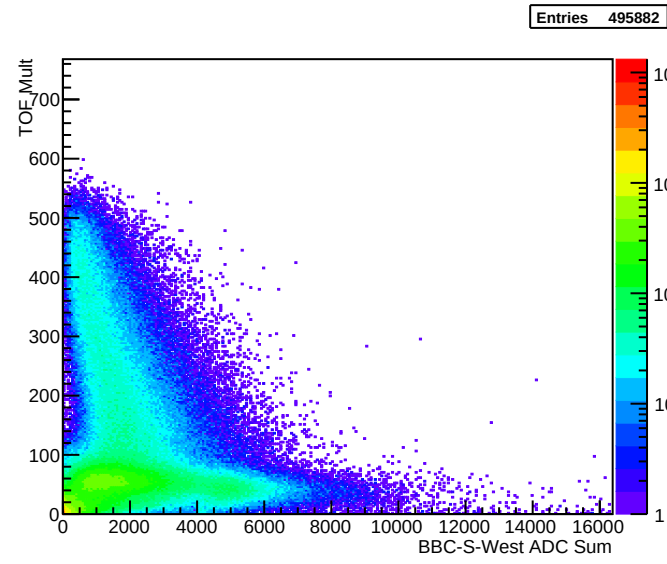

VT201 Input Ch4: VPD Tac Diff
Entries 495882
Tac

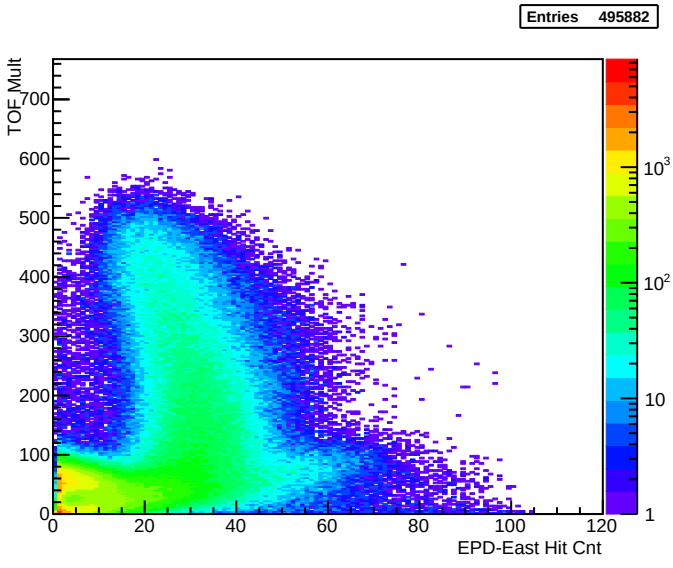

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

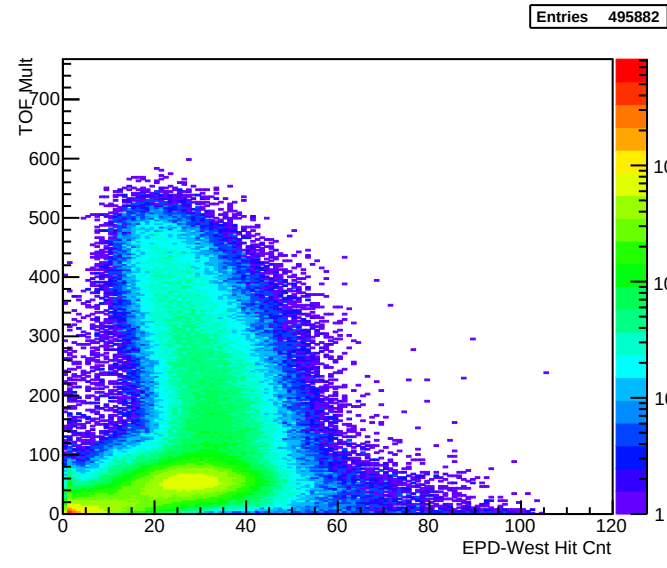

VT201 Input Ch4: VPD Adc Sum Th
Entries 991764
281563
411738
214319
84144
East
West

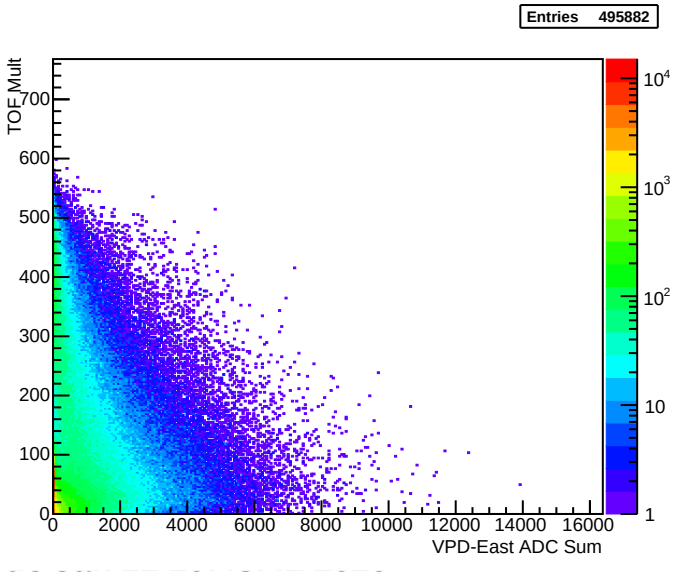

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

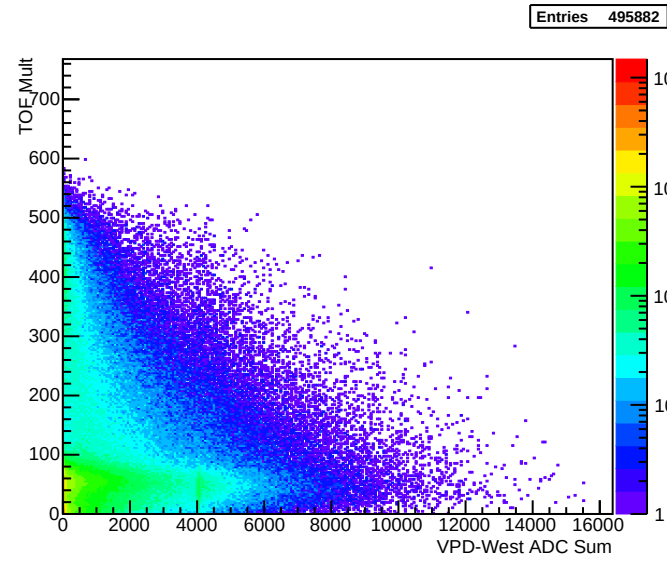

Entries 495882
TOF_Mult
BBC-S-East ADC Sum

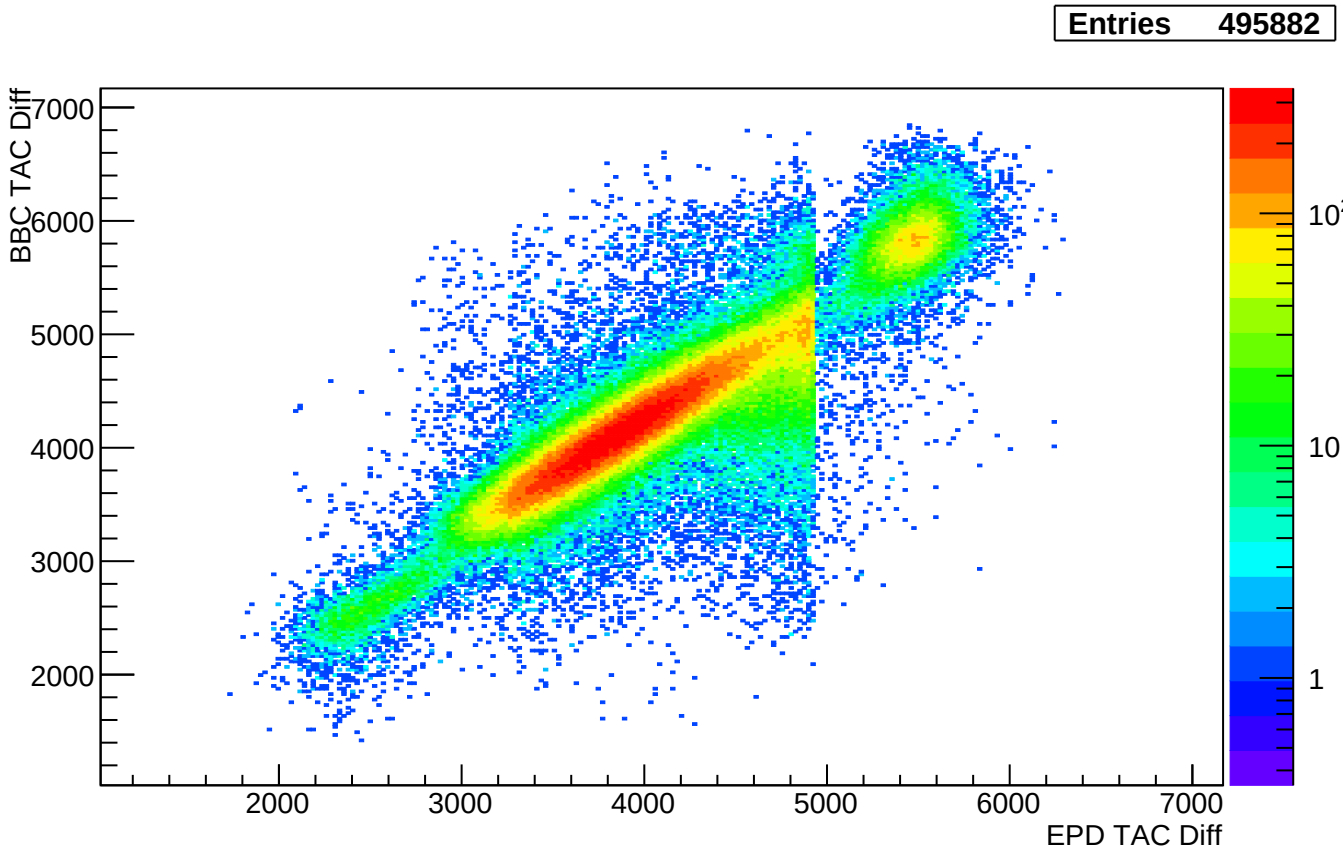

Entries 495882
TOF_Mult
BBC-S-West ADC Sum

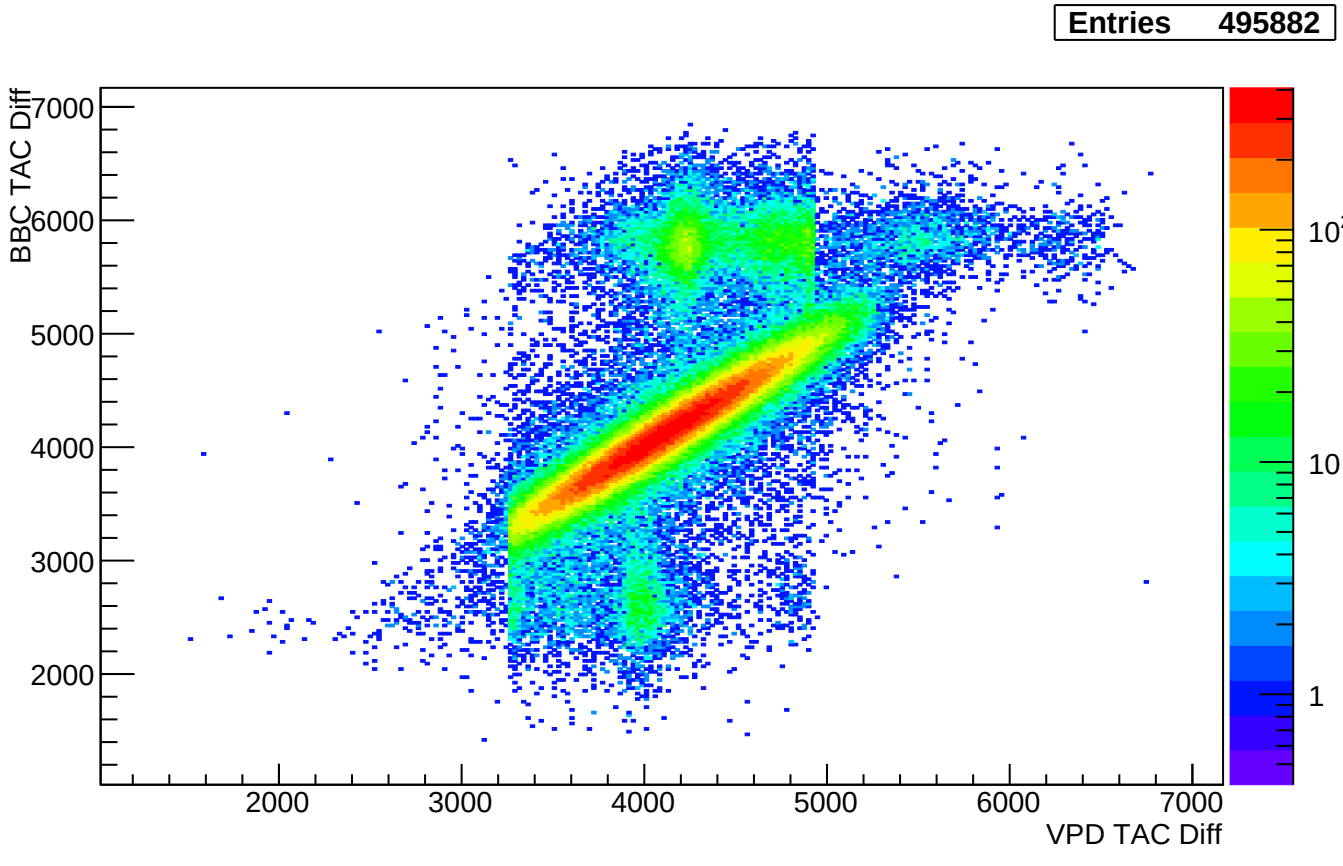

Entries 495882
TOF_Mult
EPD-East Hit Cnt

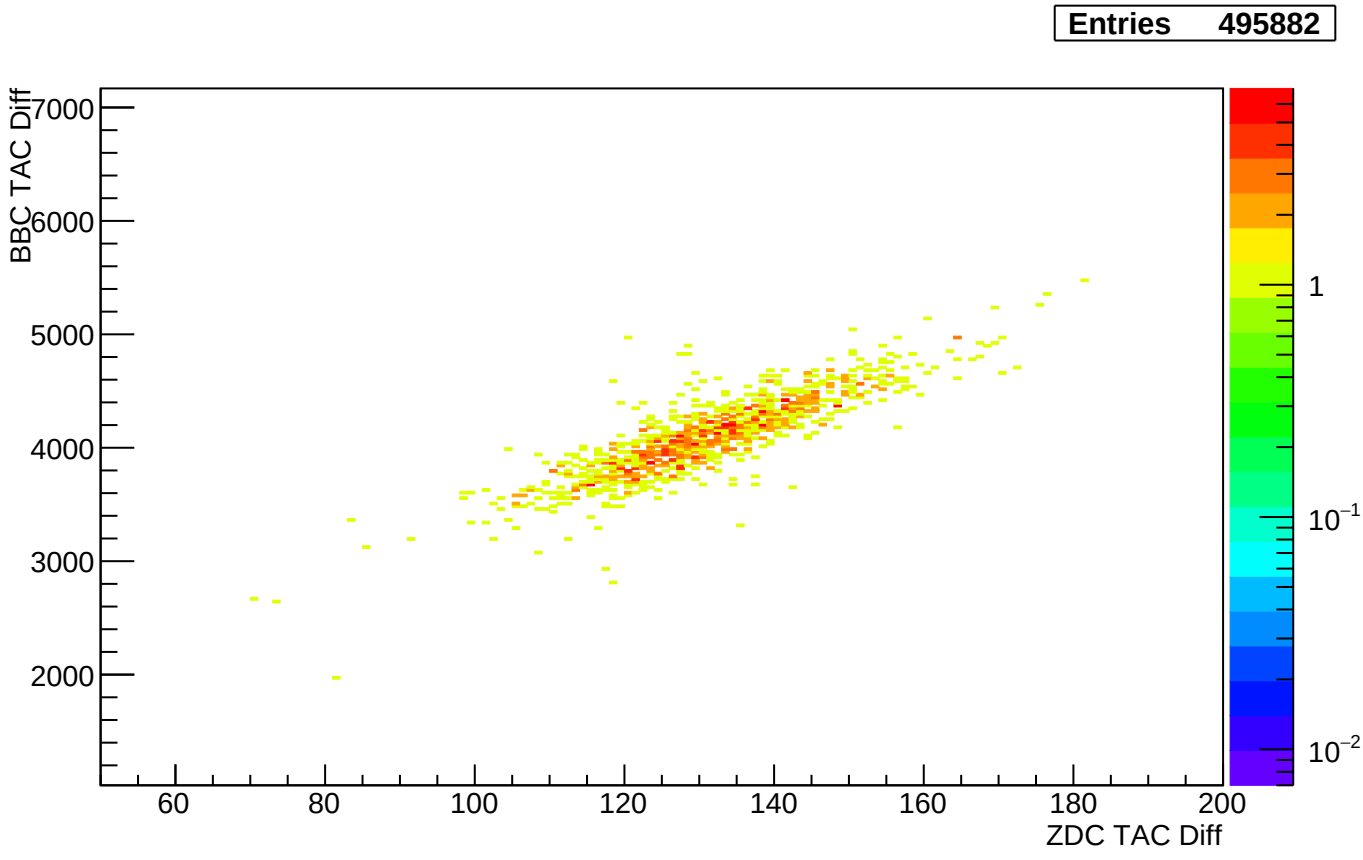

Entries 495882
TOF_Mult
EPD-West Hit Cnt

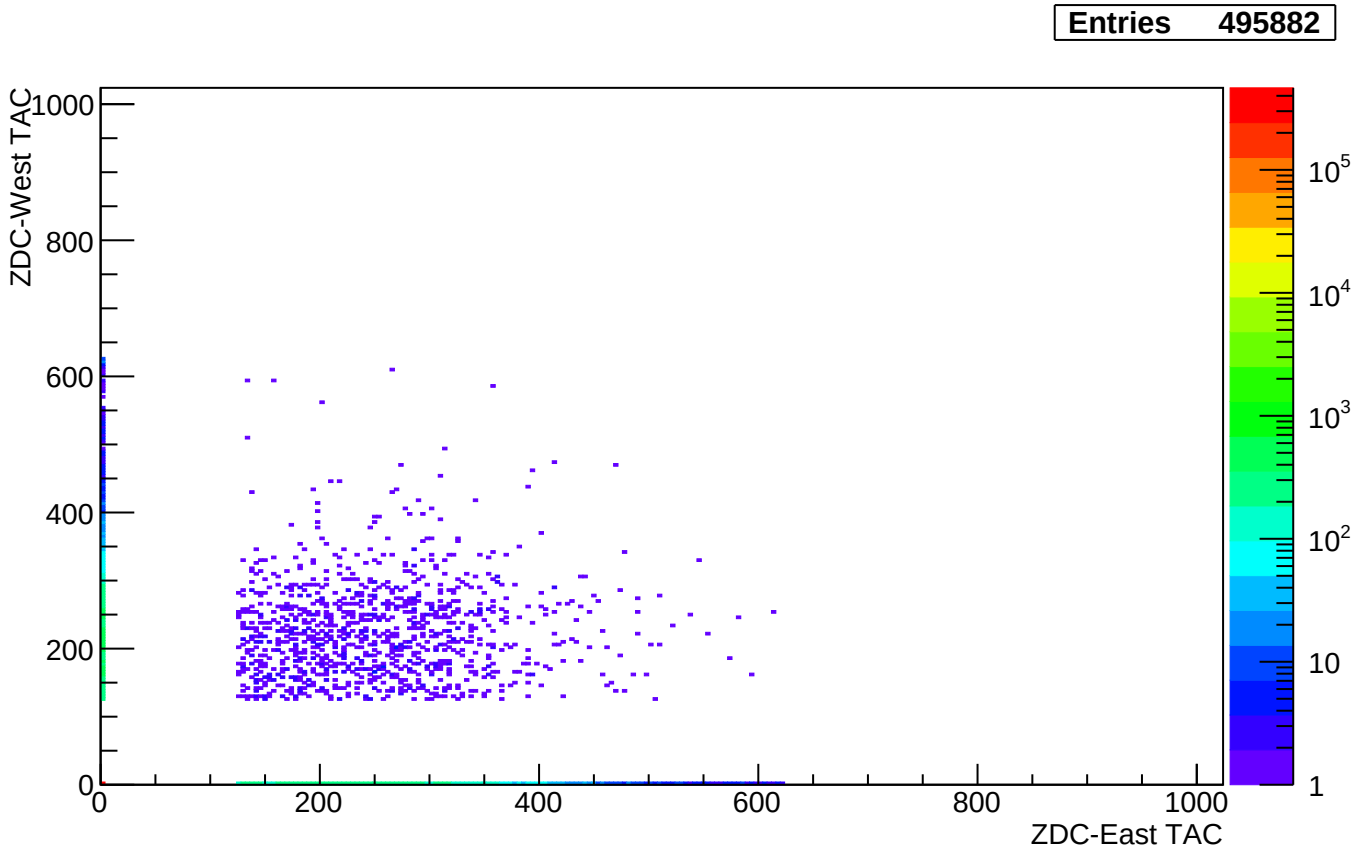

Entries 495882
TOF_Mult
VPD-East ADC Sum

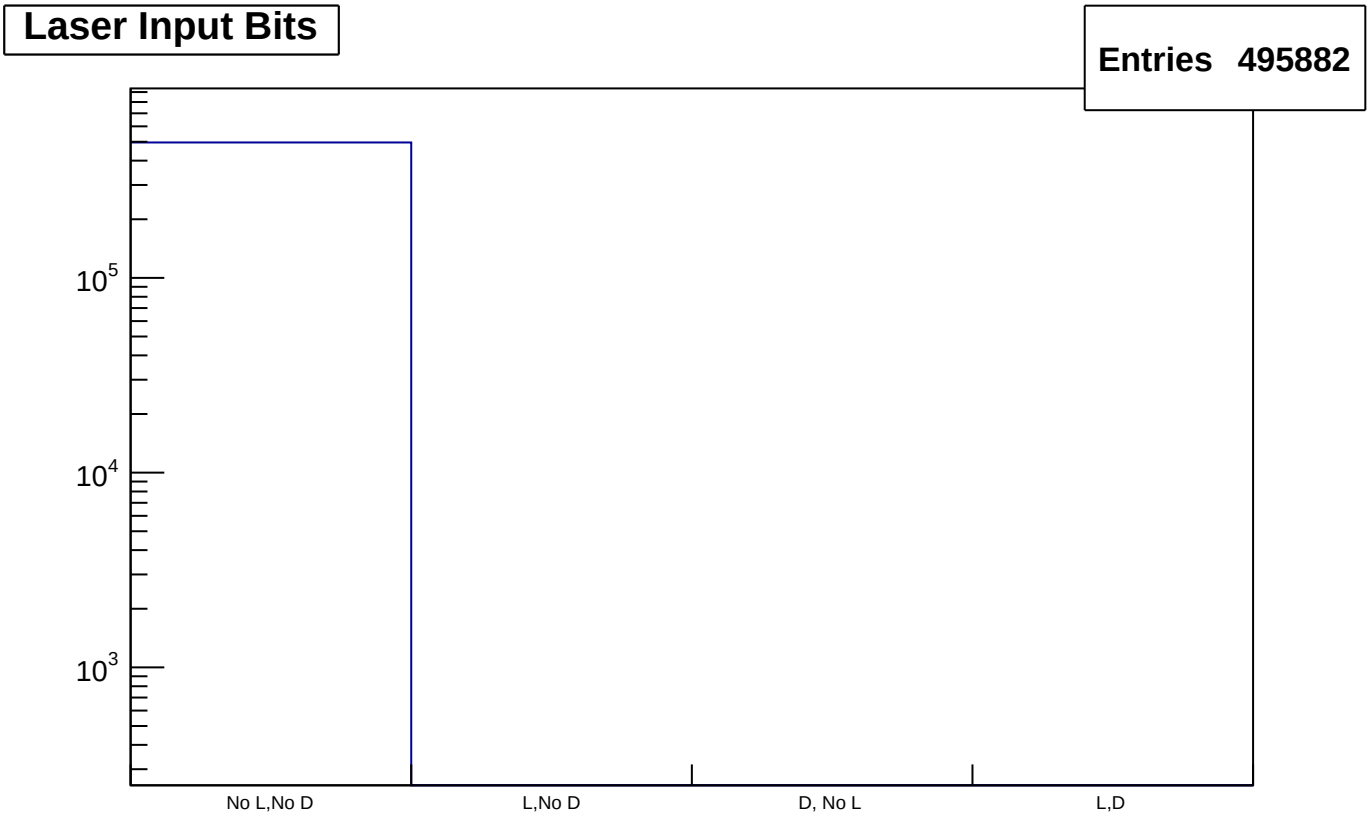

Entries 495882
TOF_Mult
VPD-West ADC Sum

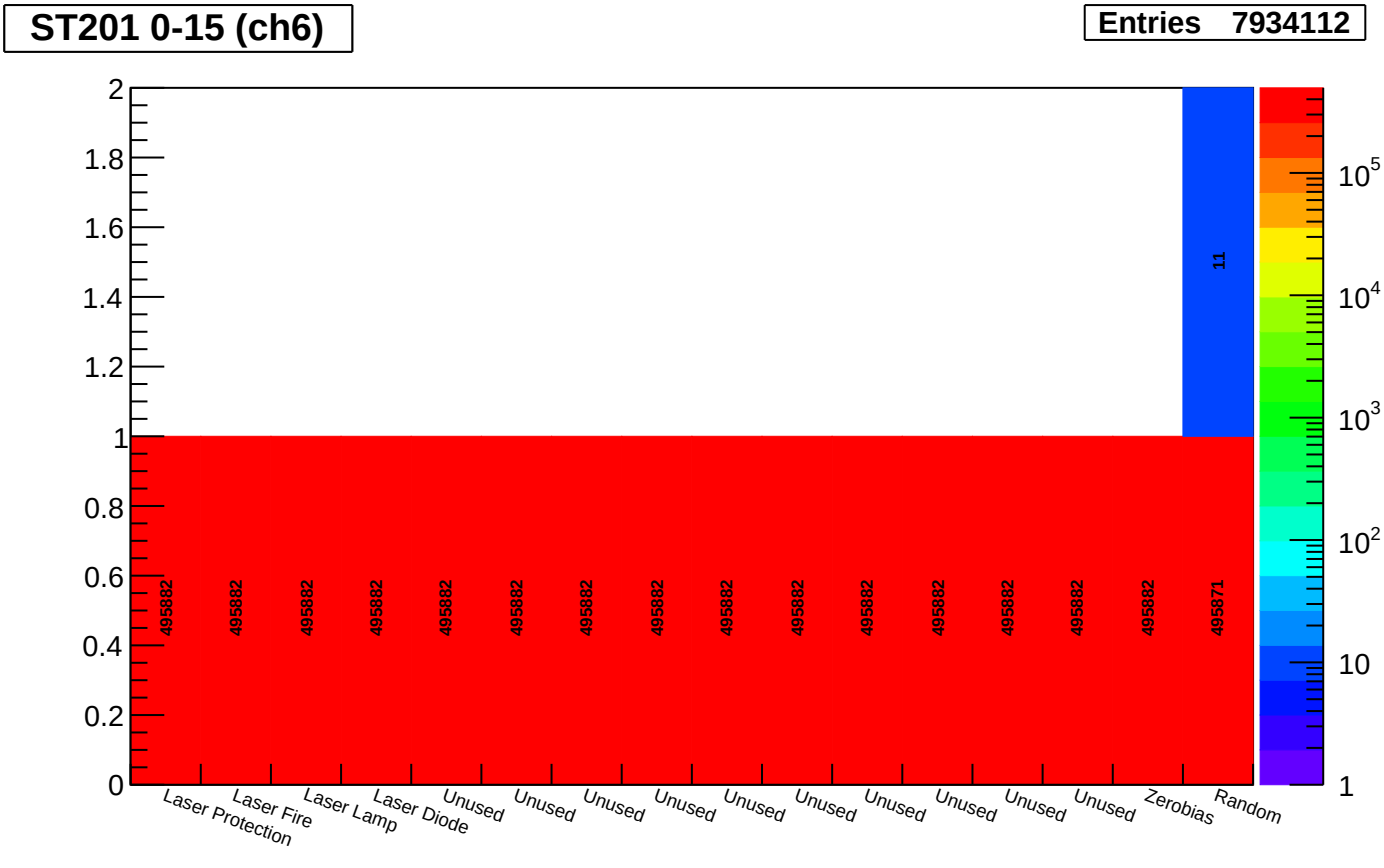

Entries 495882
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

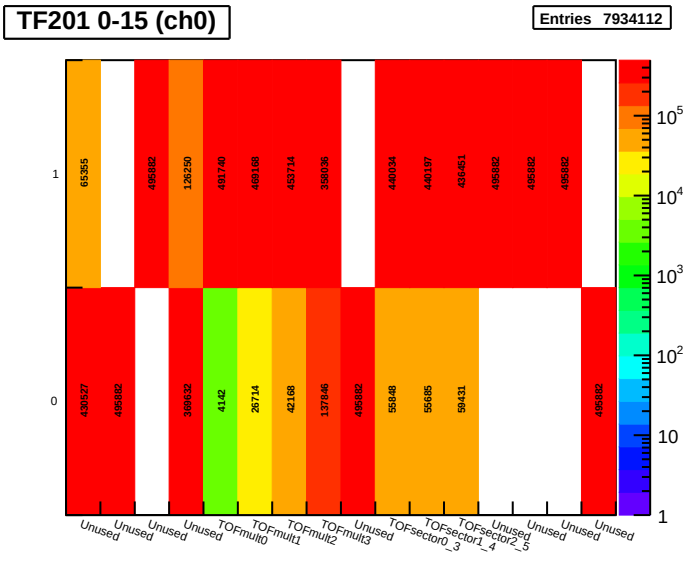

Entries 495882
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

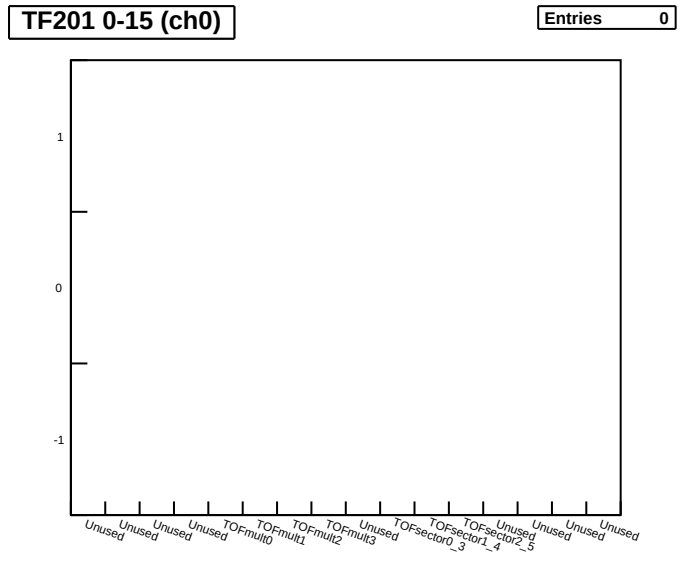

Entries 495882
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

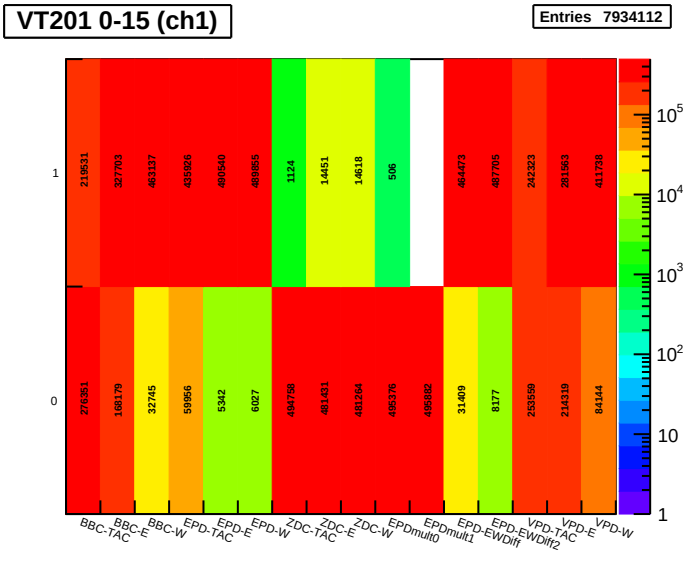

Entries 495882
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

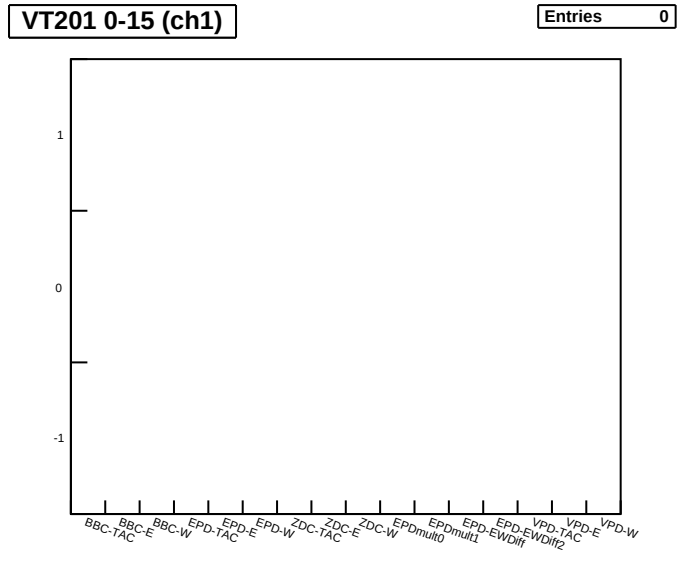

Laser Input Bits
Entries 495882
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

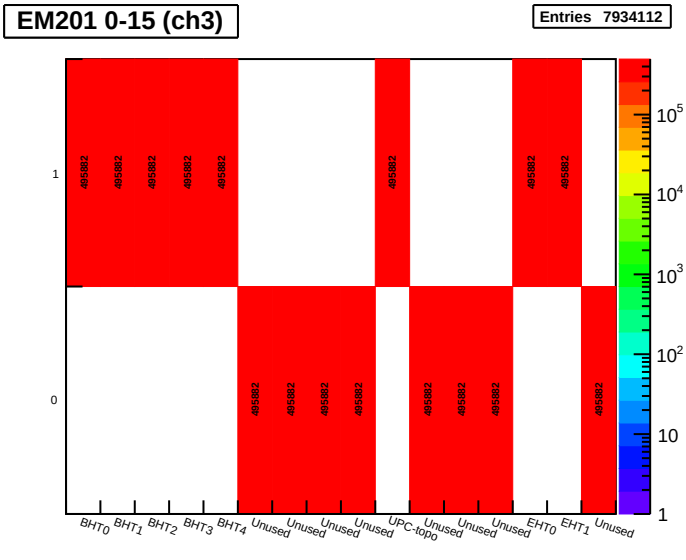

ST201 0-15 (ch6)
Entries 7934112
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
495882
495871
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

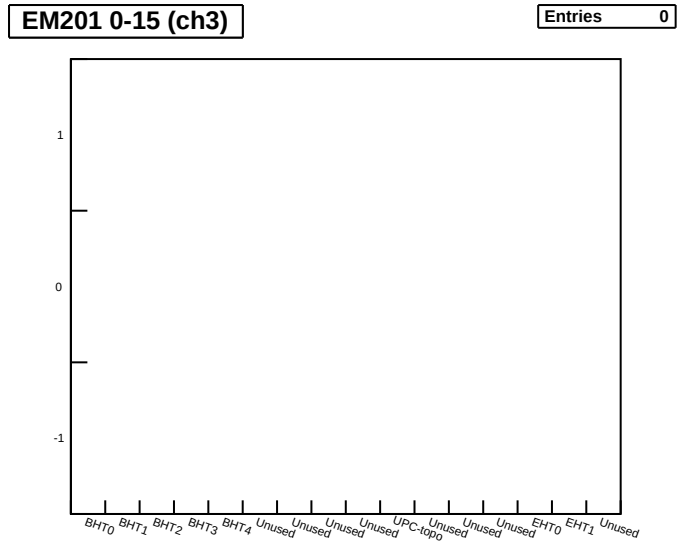

TF201 0-15 (ch0)
Entries 7934112
1
0
65355
495882
126250
431740
469168
453714
358036
440034
440197
436451
495882
495882
495882
430527
495882
369632
4142
26714
42168
137846
495882
55848
55685
59431
495882
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
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 7934112
1
0
219531
327703
463137
435926
490540
489855
1124
14451
14618
506
464473
487705
242323
281563
411738
276351
168179
32745
59956
5342
6027
494758
481431
481264
495376
495882
31409
8177
253559
214319
84144
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 7934112
1
0
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
495882
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