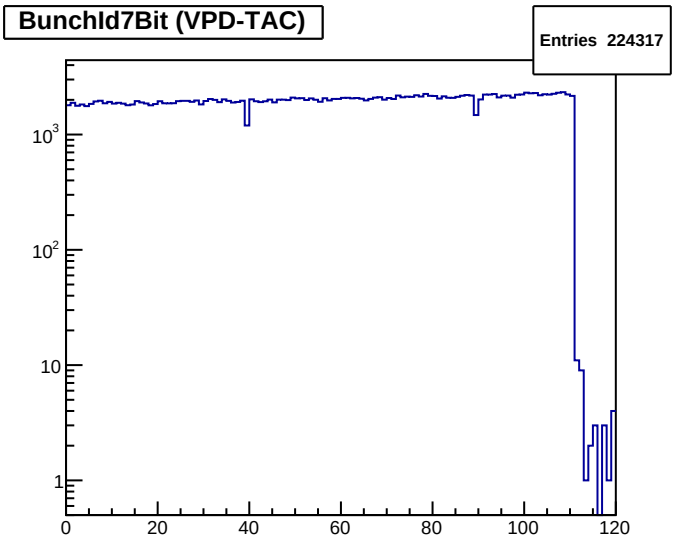
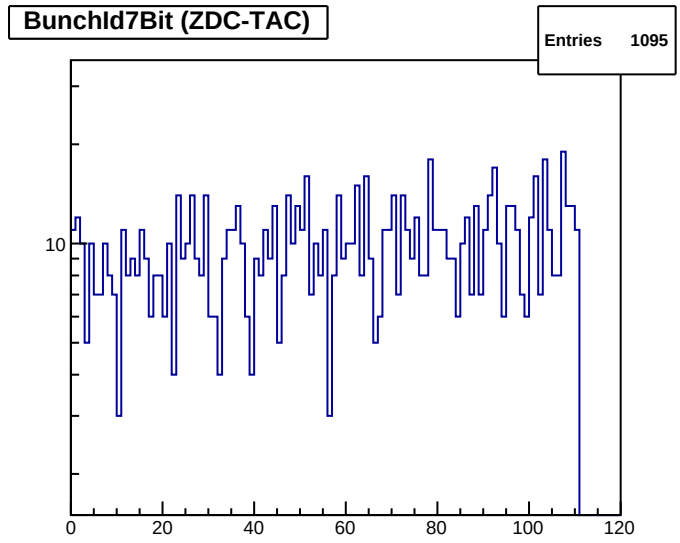
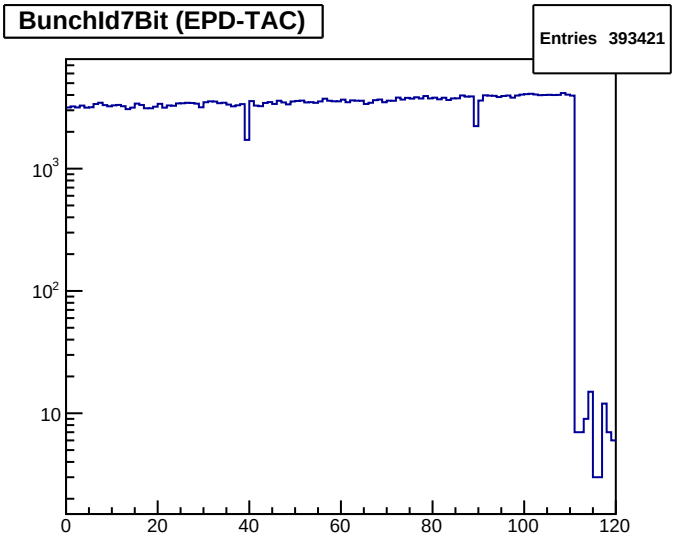
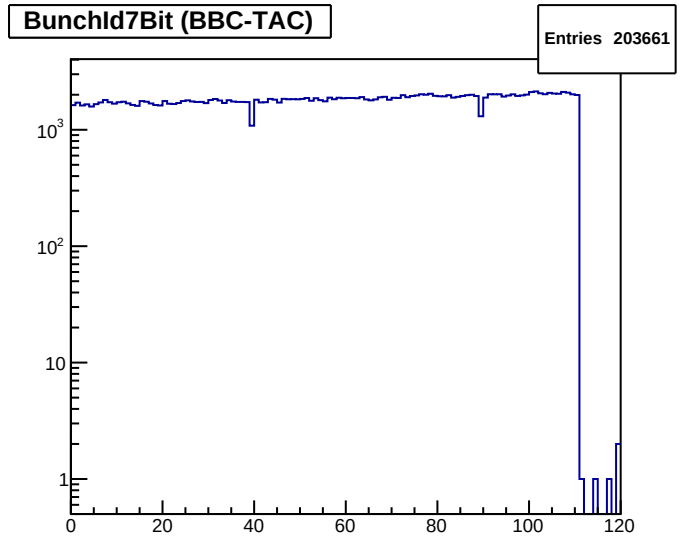
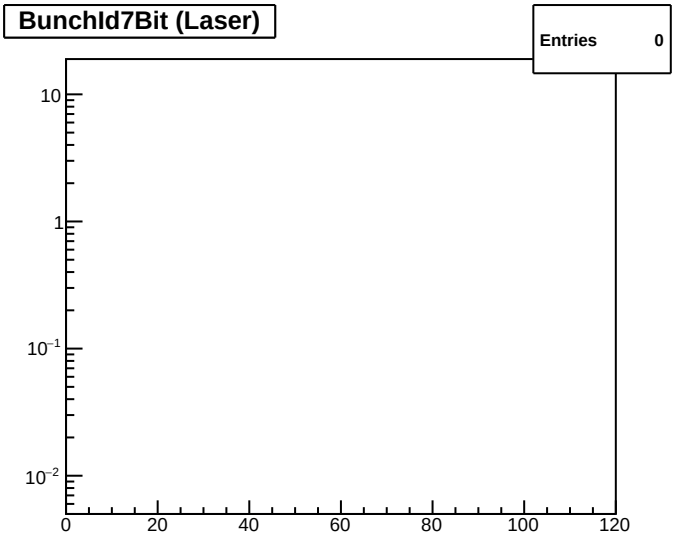
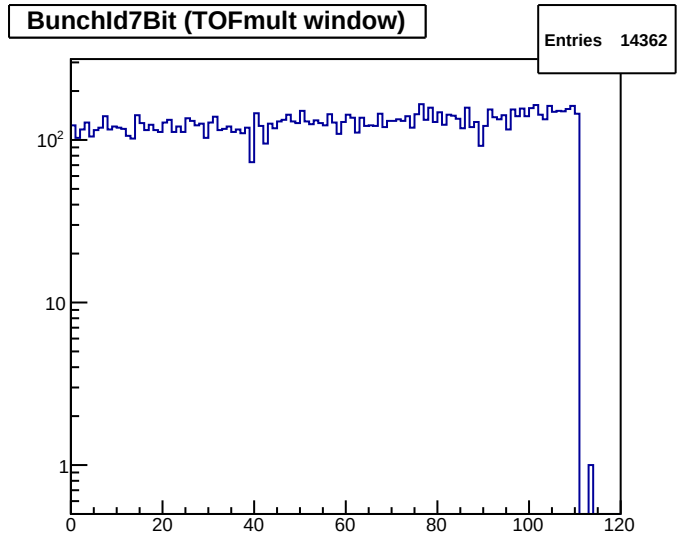

BunchId7Bit (VPD-TAC)
Entries 224317

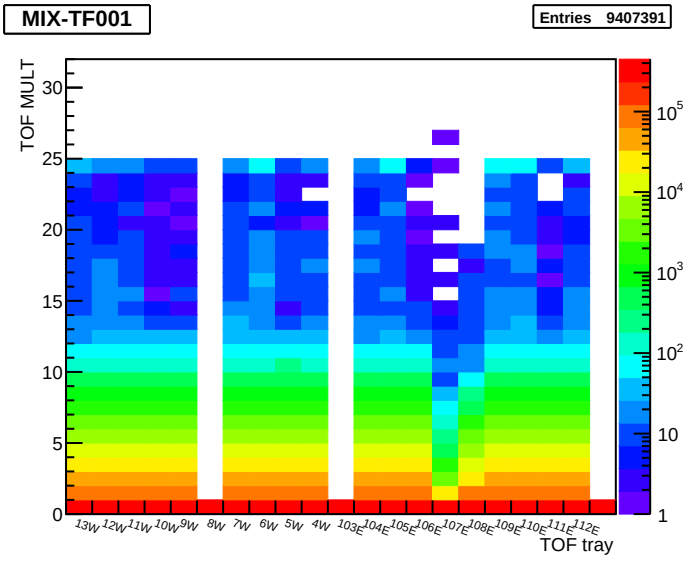

BunchId7Bit (ZDC-TAC)
Entries 1095

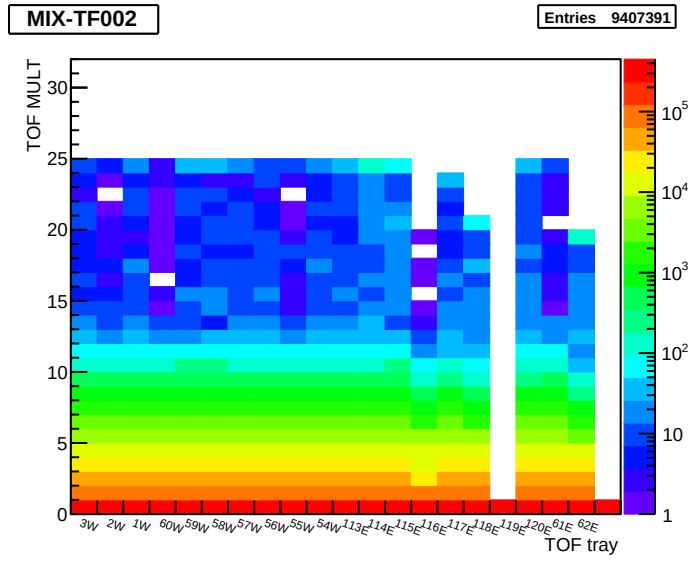

BunchId7Bit (EPD-TAC)
Entries 393421

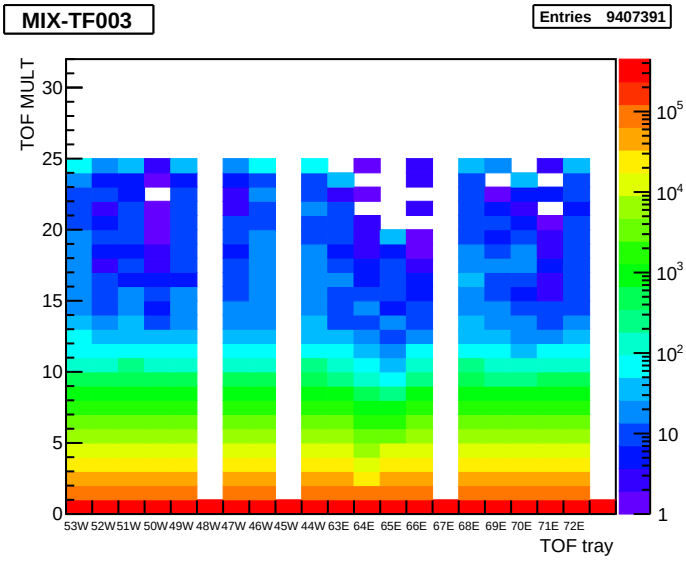

BunchId7Bit (BBC-TAC)
Entries 203661

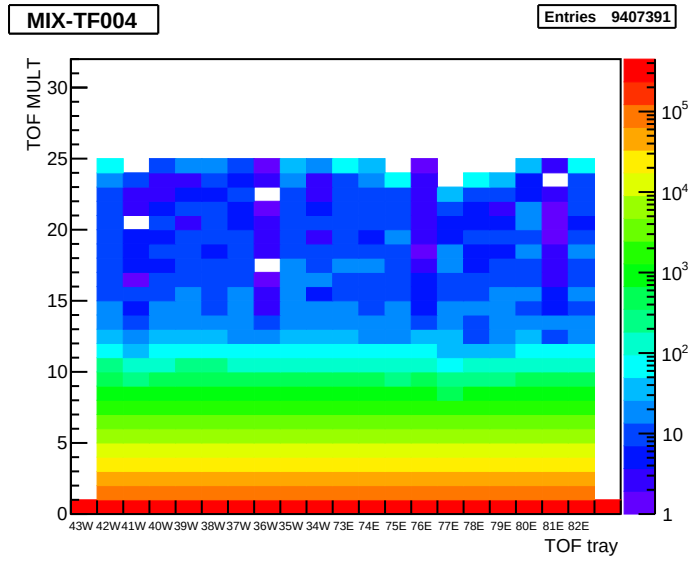

BunchId7Bit (Laser)
Entries 0

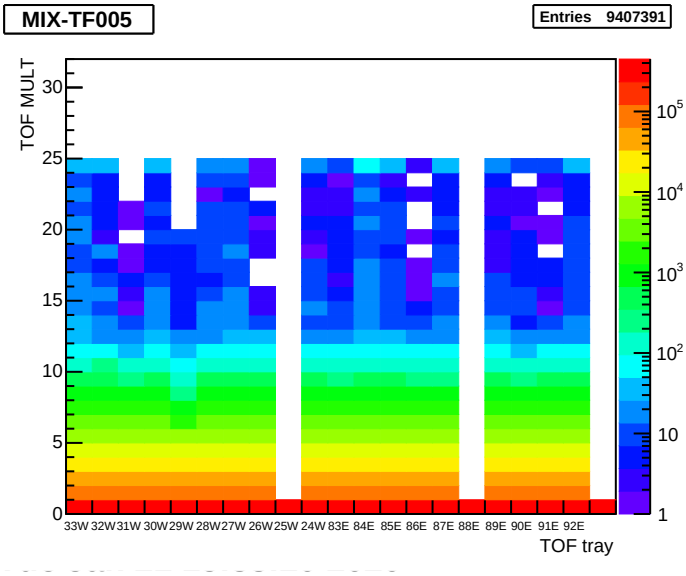

BunchId7Bit (TOFmult window)
Entries 14362

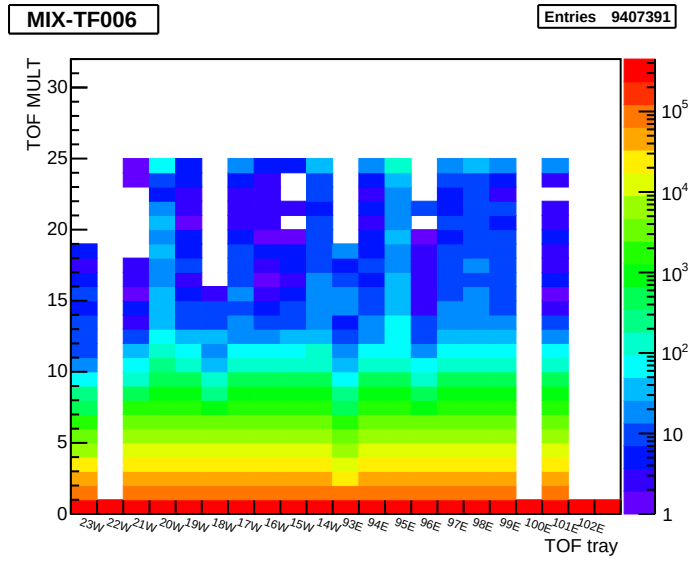

MIX-TF001
Entries 9407391
TOF MULT
TOF tray

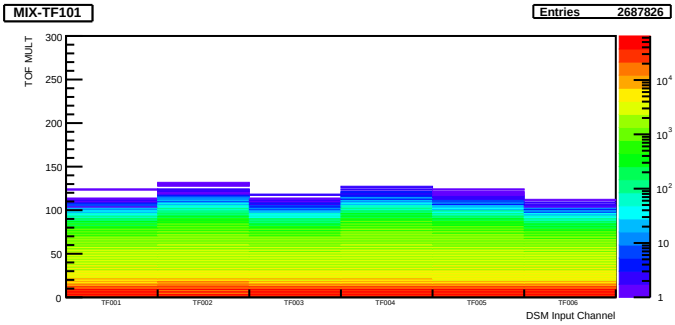

MIX-TF002
Entries 9407391
TOF MULT
TOF tray

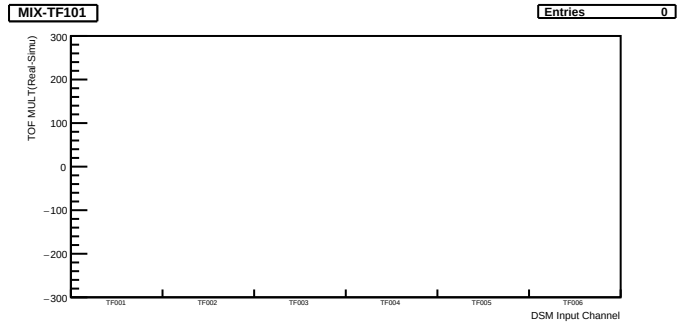

MIX-TF003
Entries 9407391
TOF MULT
TOF tray

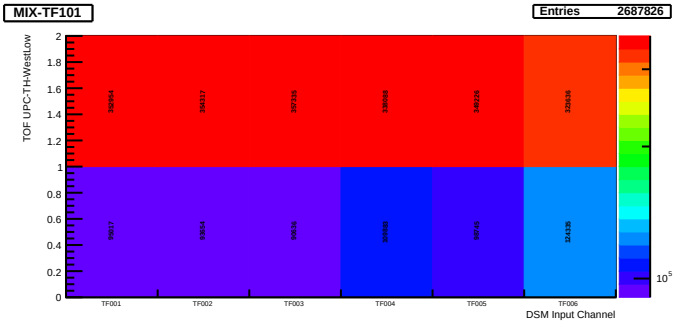

MIX-TF004
Entries 9407391
TOF MULT
TOF tray

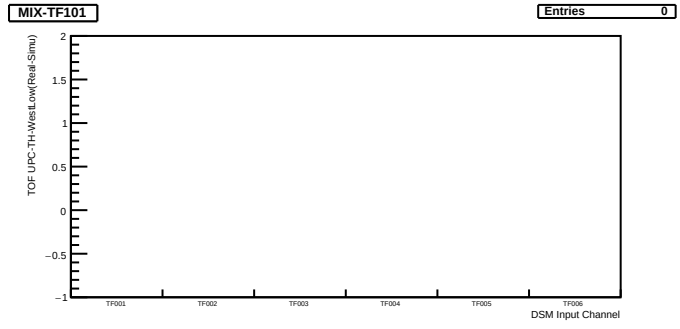

MIX-TF005
Entries 9407391
TOF MULT
TOF tray

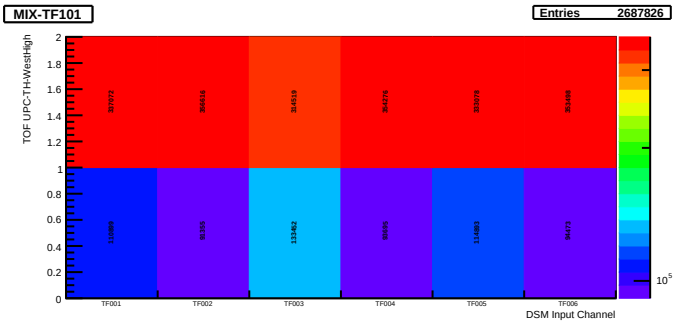

MIX-TF006
Entries 9407391
TOF MULT
TOF tray

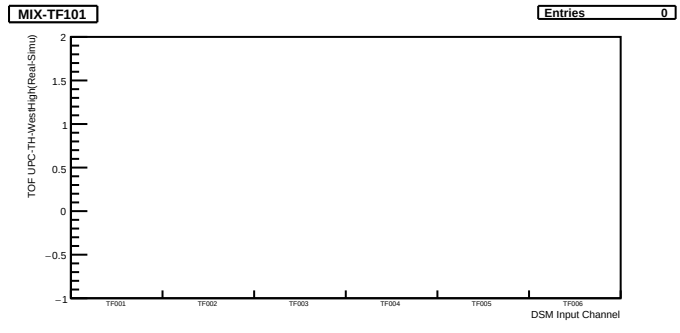

MIX-TF101
Entries 2687826
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

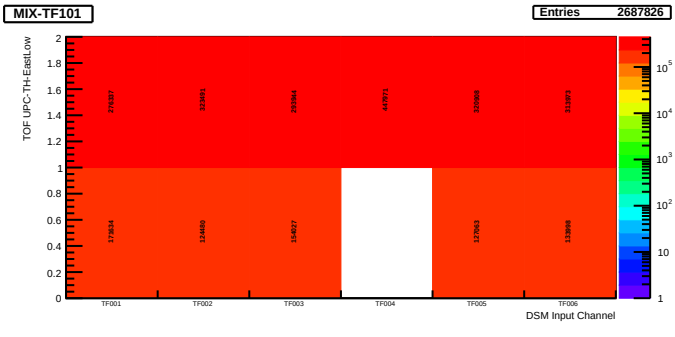

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

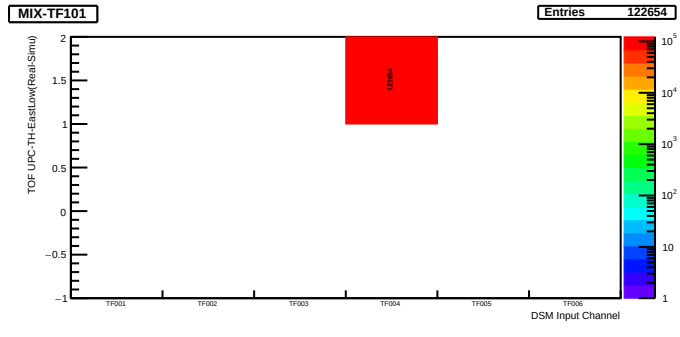

MIX-TF101
Entries 2687826
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

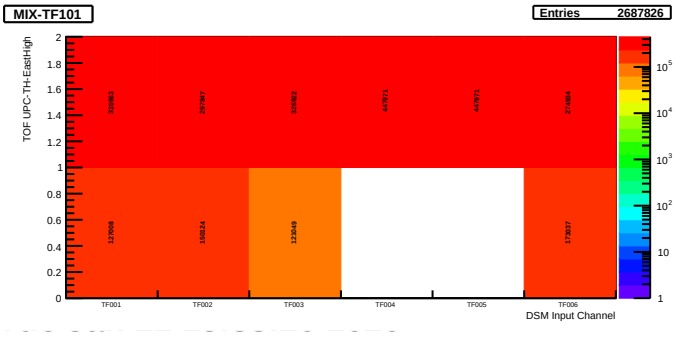

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

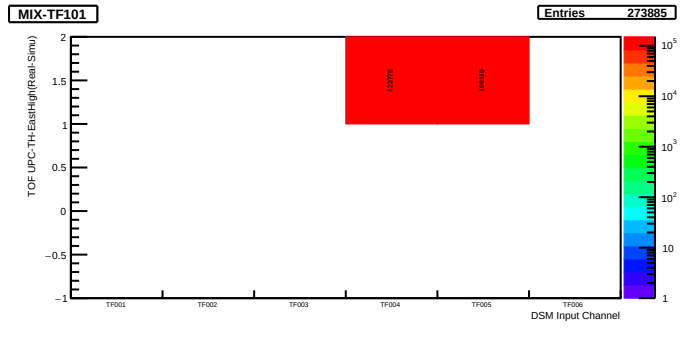

MIX-TF101
Entries 2687826
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

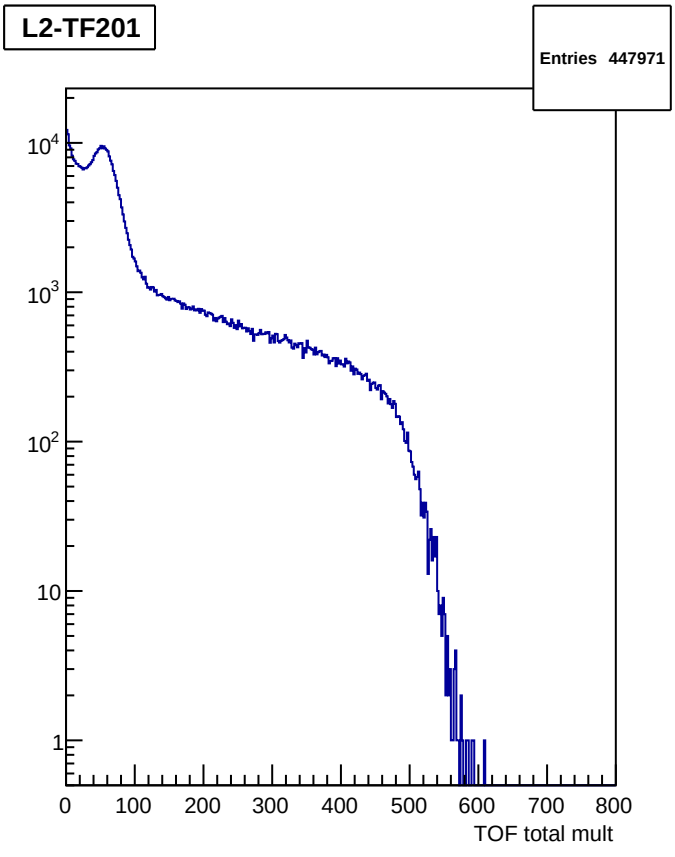

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

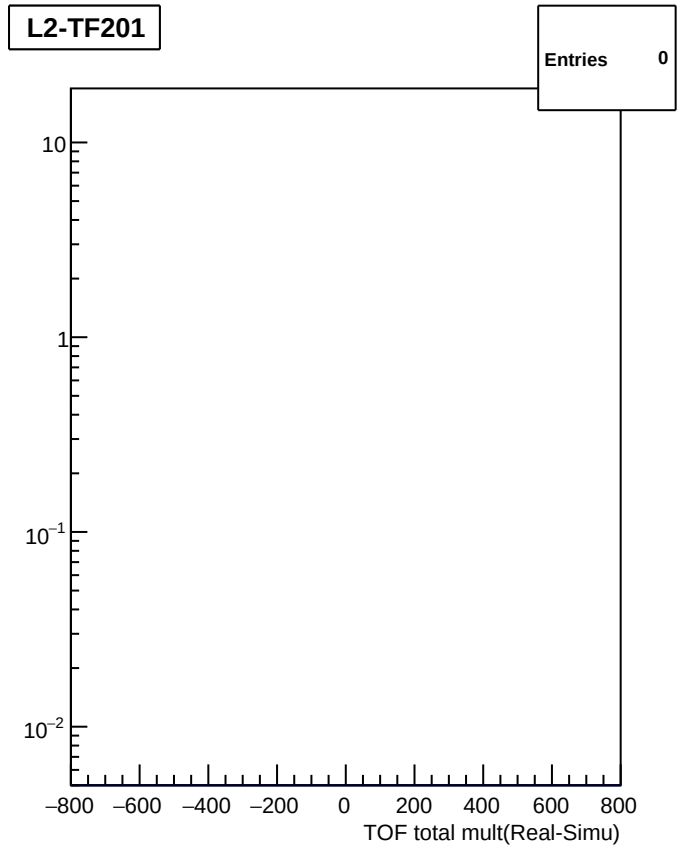

MIX-TF101
Entries 2687826
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

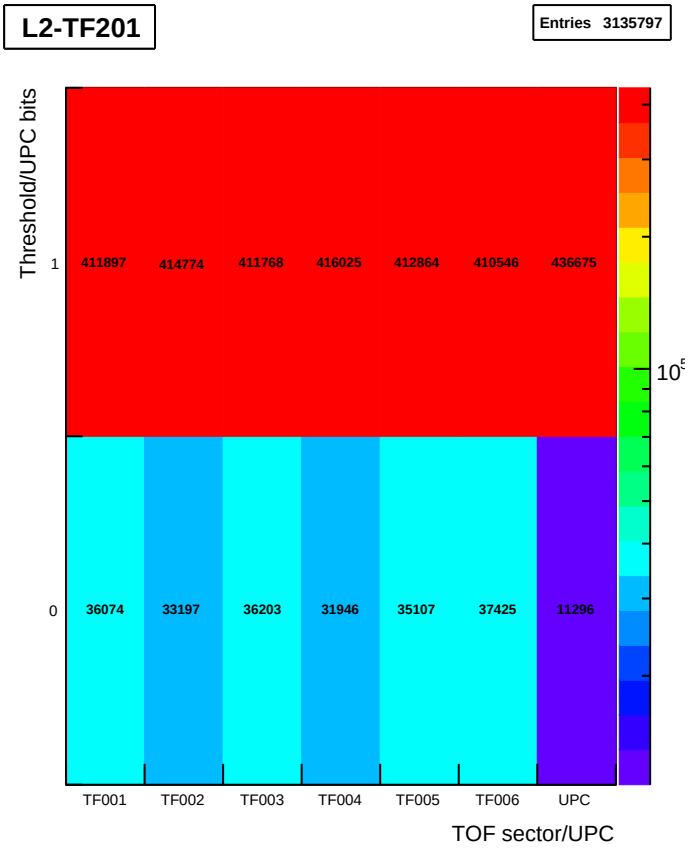

MIX-TF101
Entries 122654
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

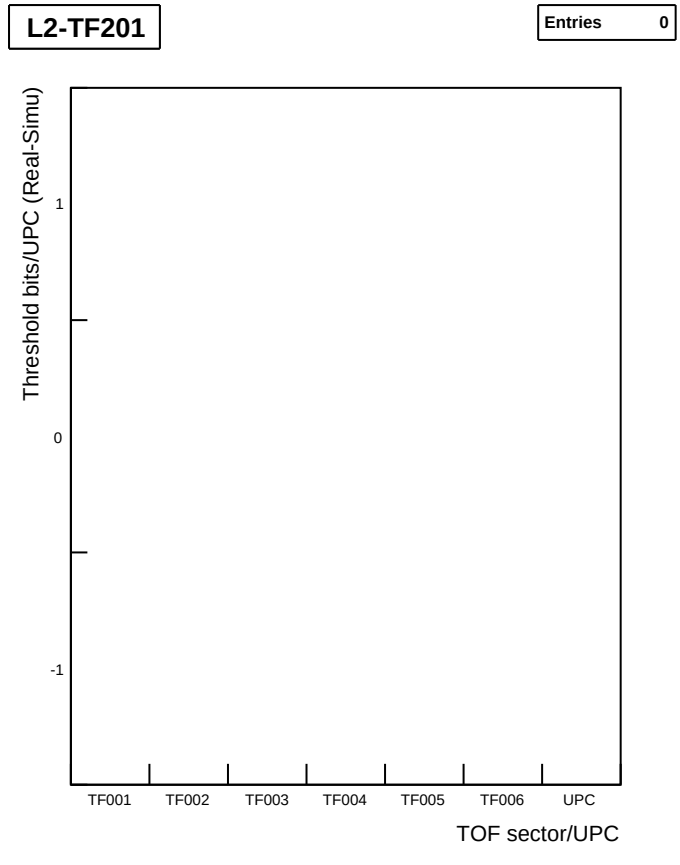

MIX-TF101
Entries 2687826
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

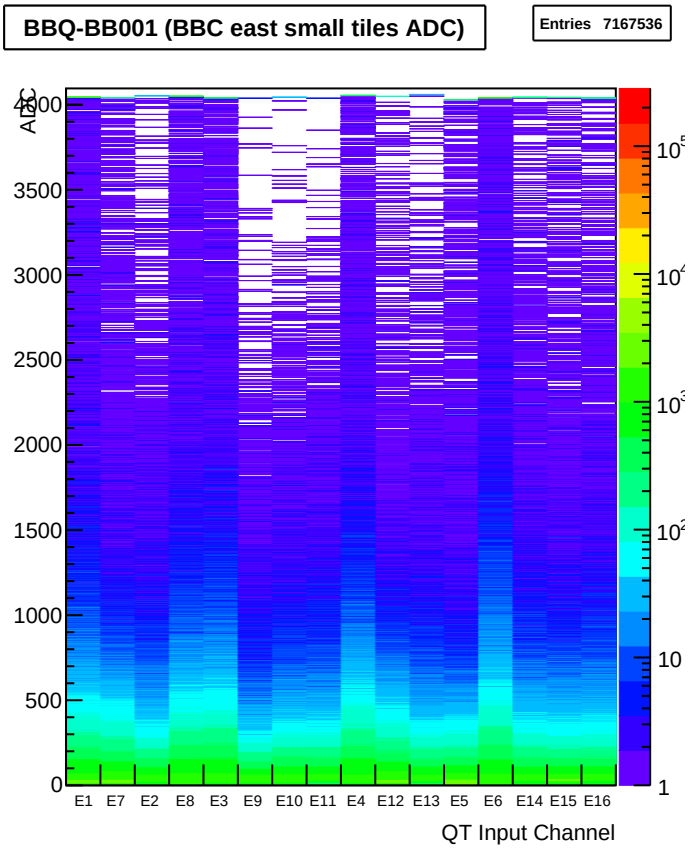

MIX-TF101
Entries 273885
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

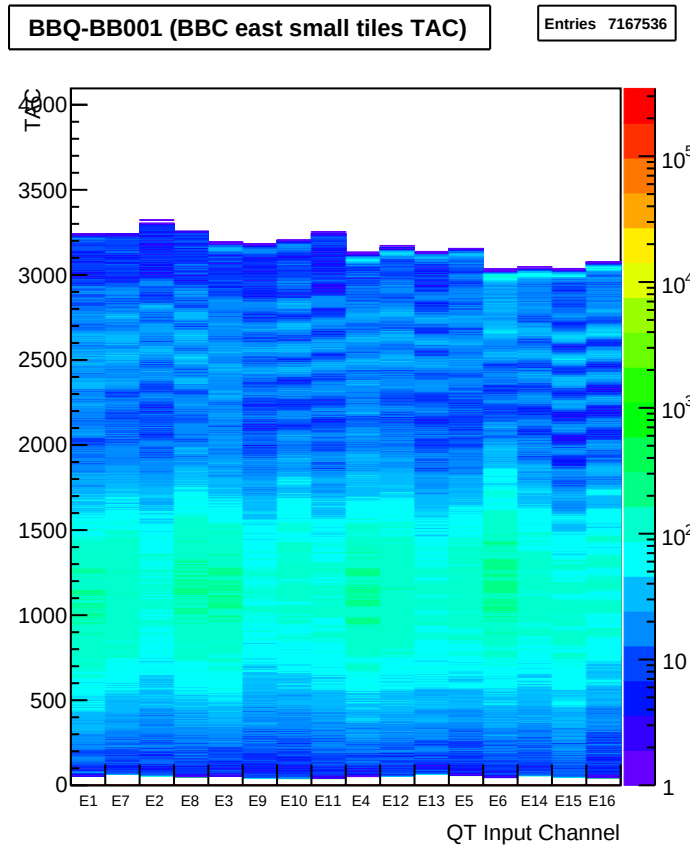

L2-TF201
Entries 447971
TOF total mult

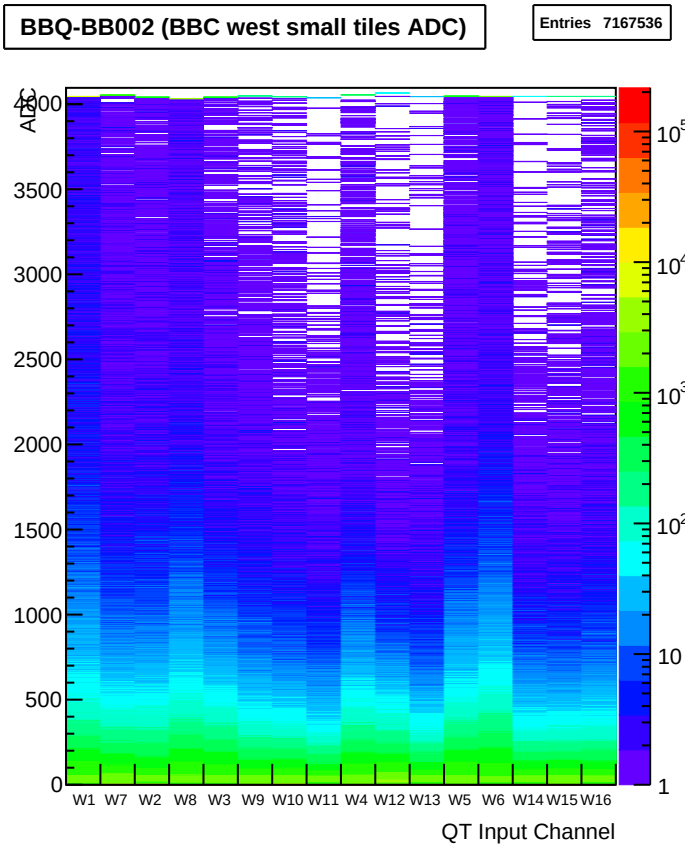

L2-TF201
Entries 0
TOF total mult(Real-Simu)

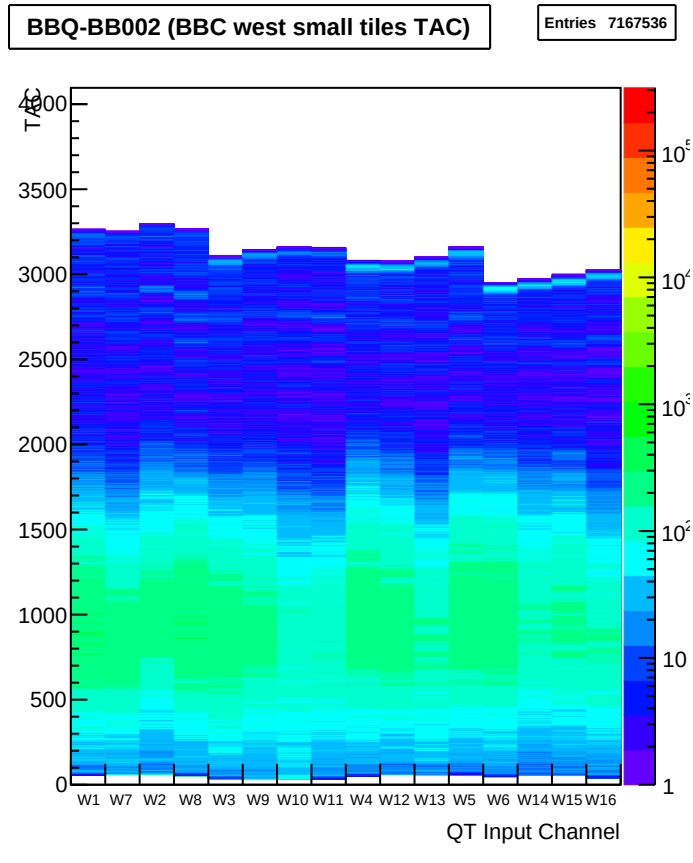

L2-TF201
Entries 3135797
Threshold/UPC bits
411897
414774
411768
416025
412864
410546
436675
36074
33197
36203
31946
35107
37425
11296
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

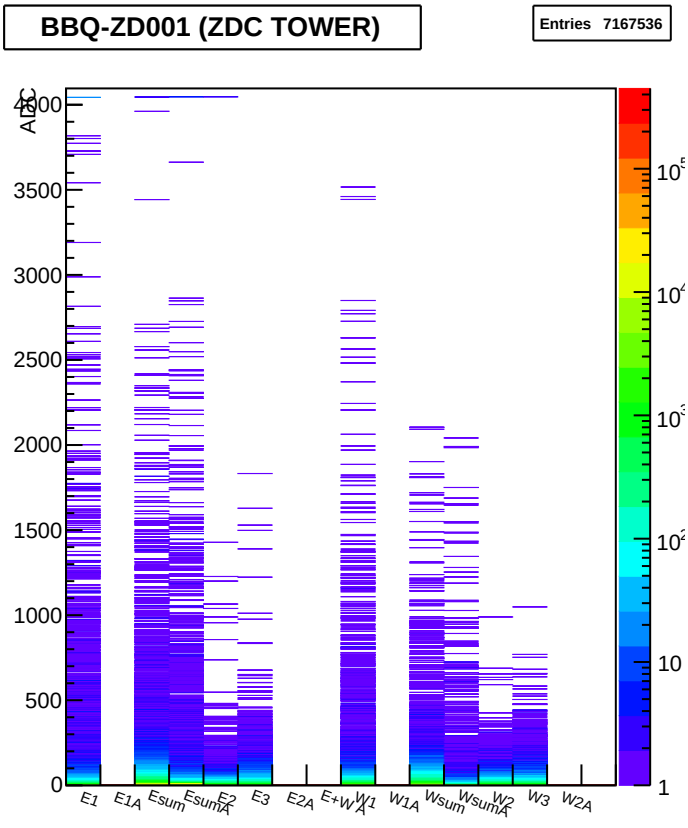

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

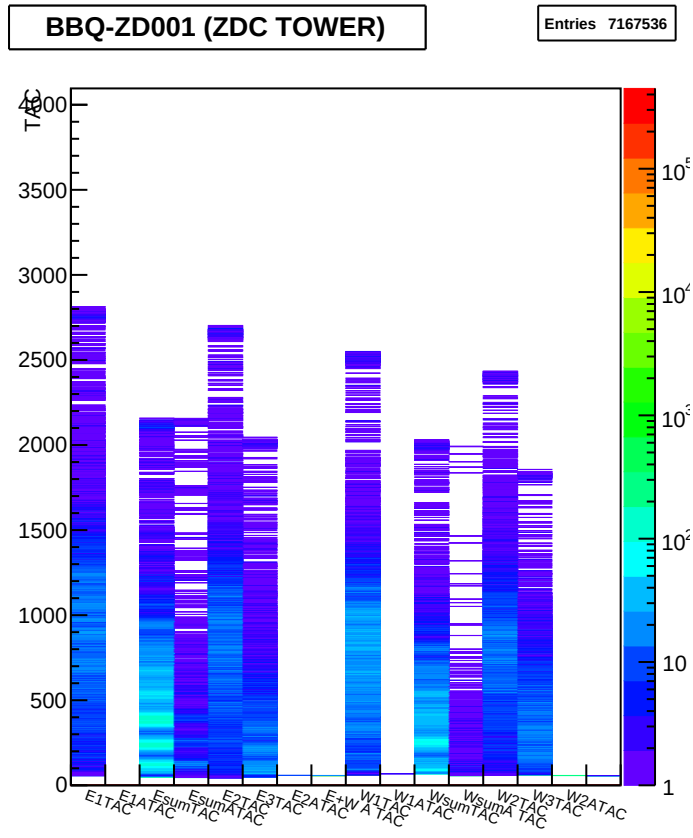

BBQ-BB001 (BBC east small tiles ADC)
Entries 7167536
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

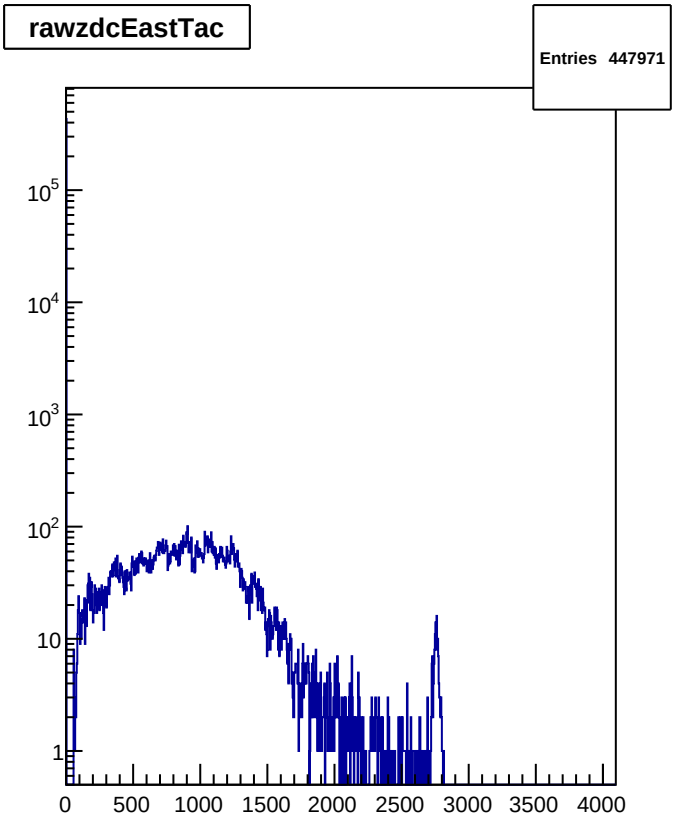

BBQ-BB001 (BBC east small tiles TAC)
Entries 7167536
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

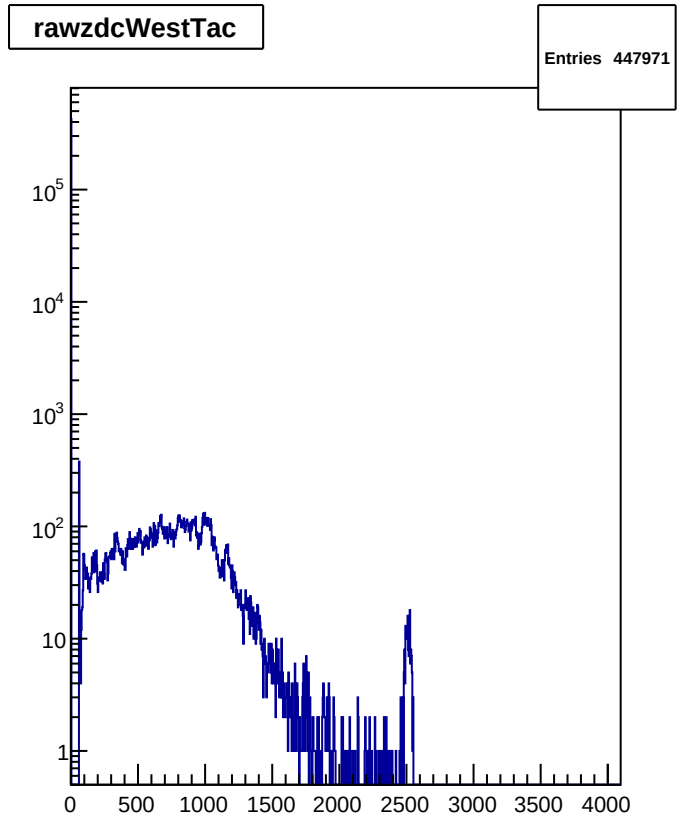

BBQ-BB002 (BBC west small tiles ADC)
Entries 7167536
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

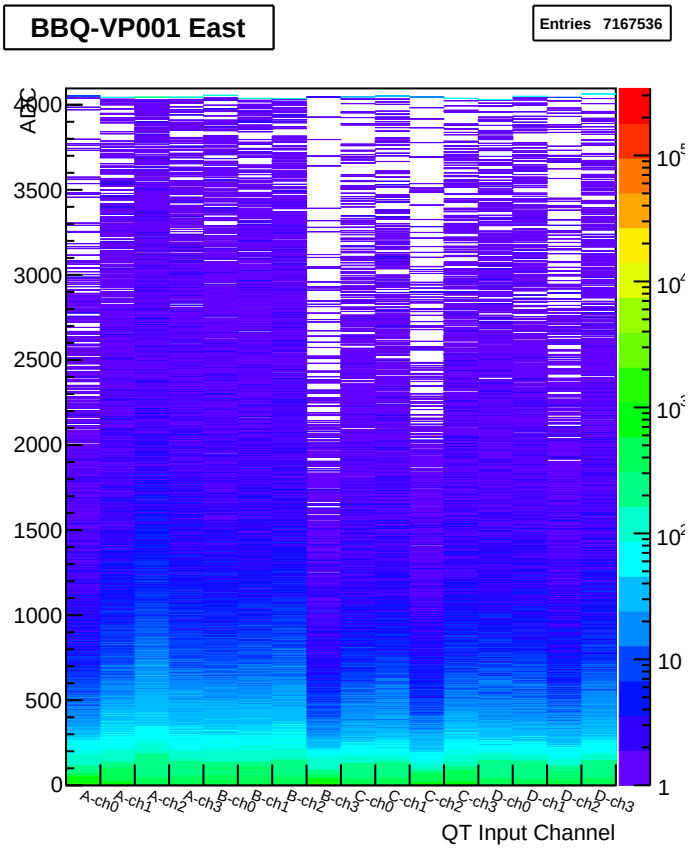

BBQ-BB002 (BBC west small tiles TAC)
Entries 7167536
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

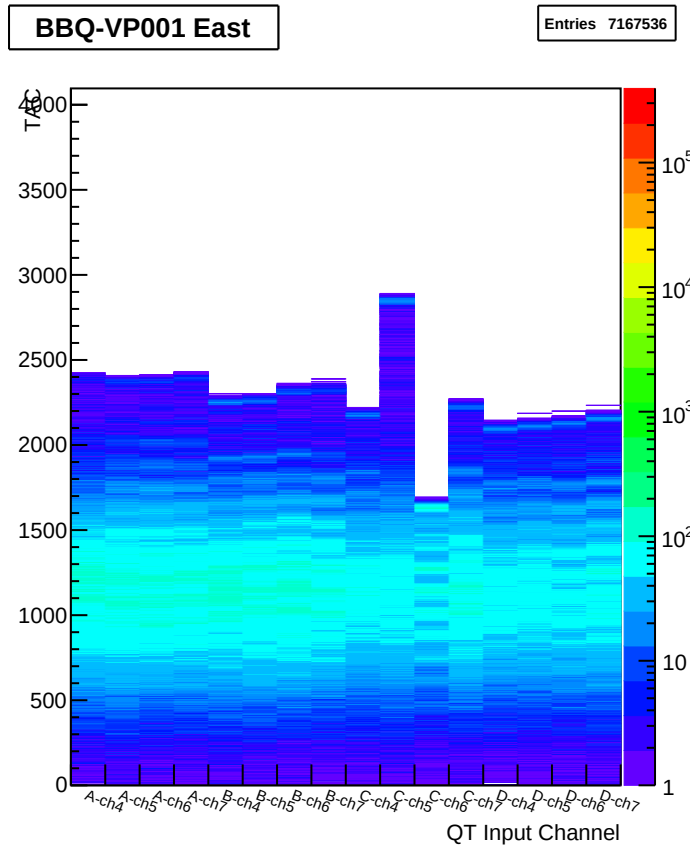

BBQ-ZD001 (ZDC TOWER)
Entries 7167536
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

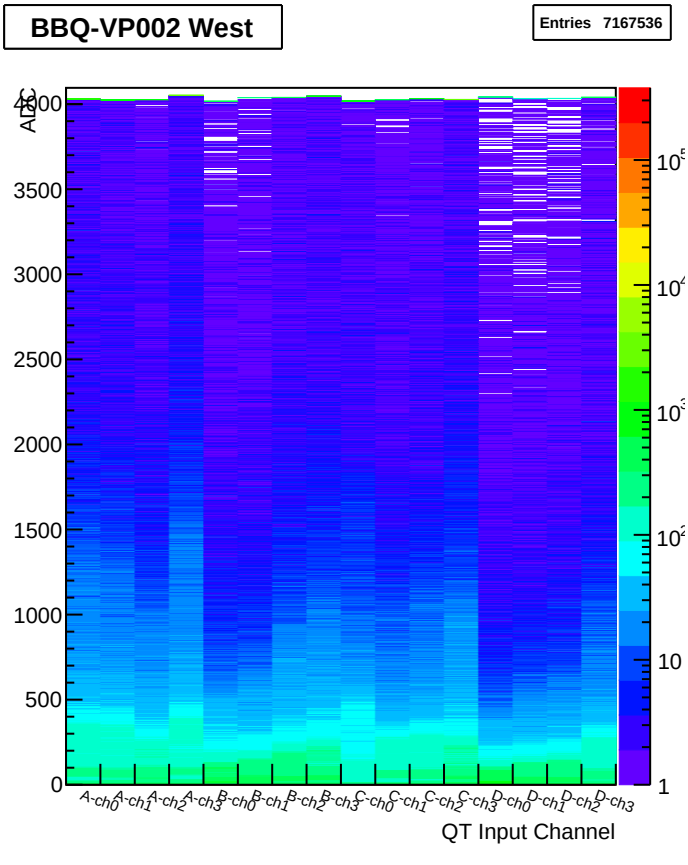

BBQ-ZD001 (ZDC TOWER)
Entries 7167536
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

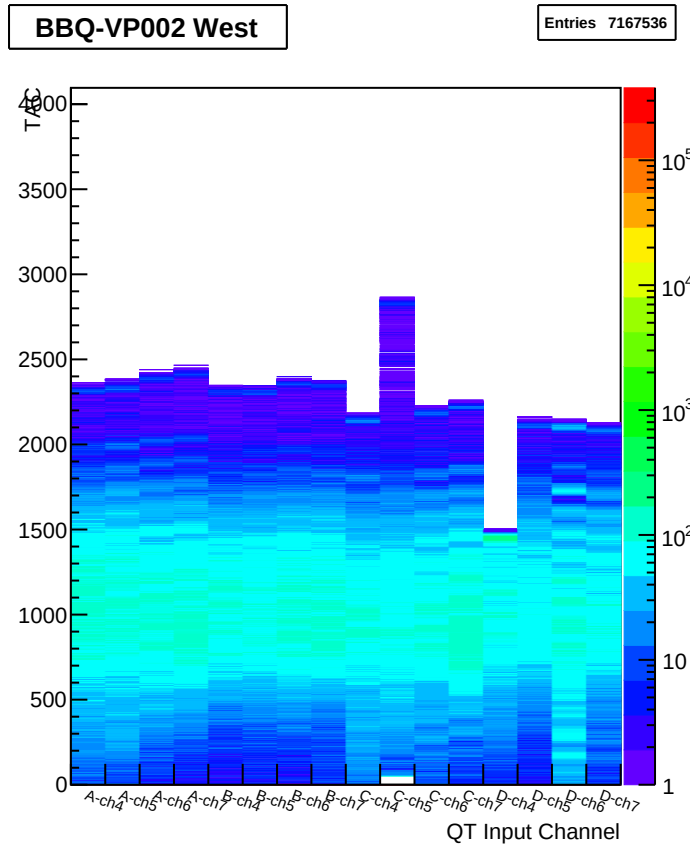

rawzdcEastTac
Entries 447971

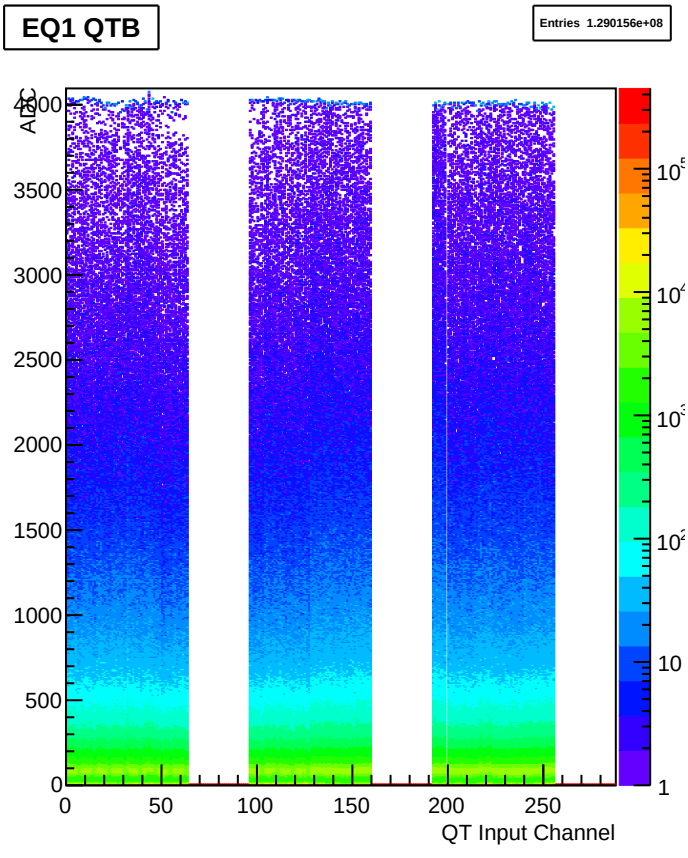

rawzdcWestTac
Entries 447971

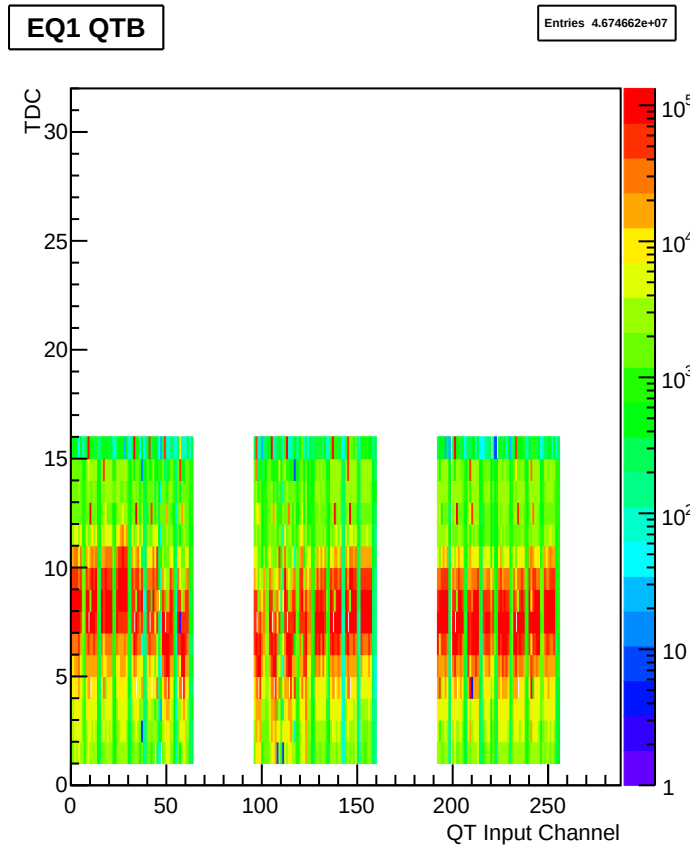

BBQ-VP001 East
Entries 7167536
ADC
QT Input Channel

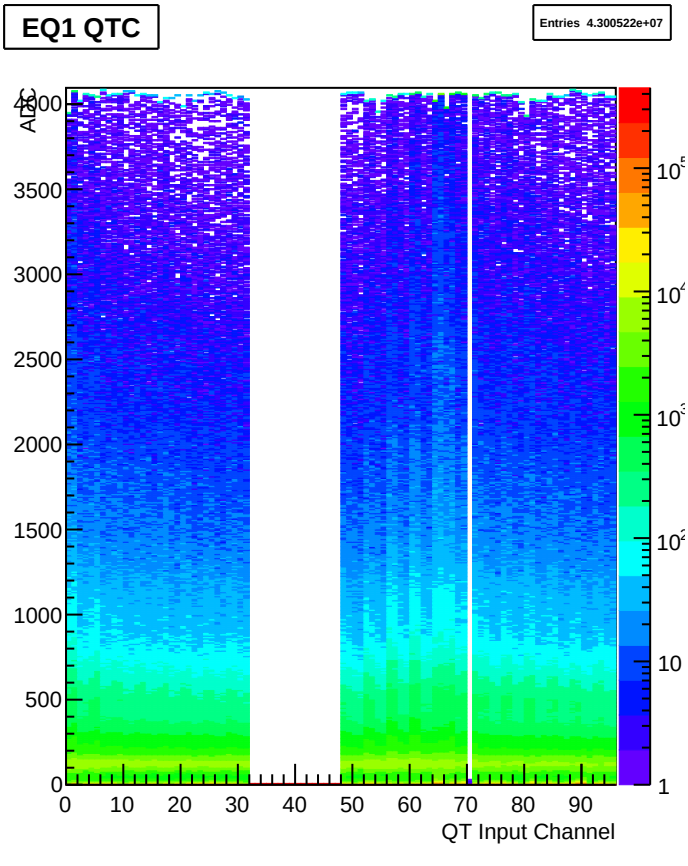

BBQ-VP001 East
Entries 7167536
TADC
QT Input Channel

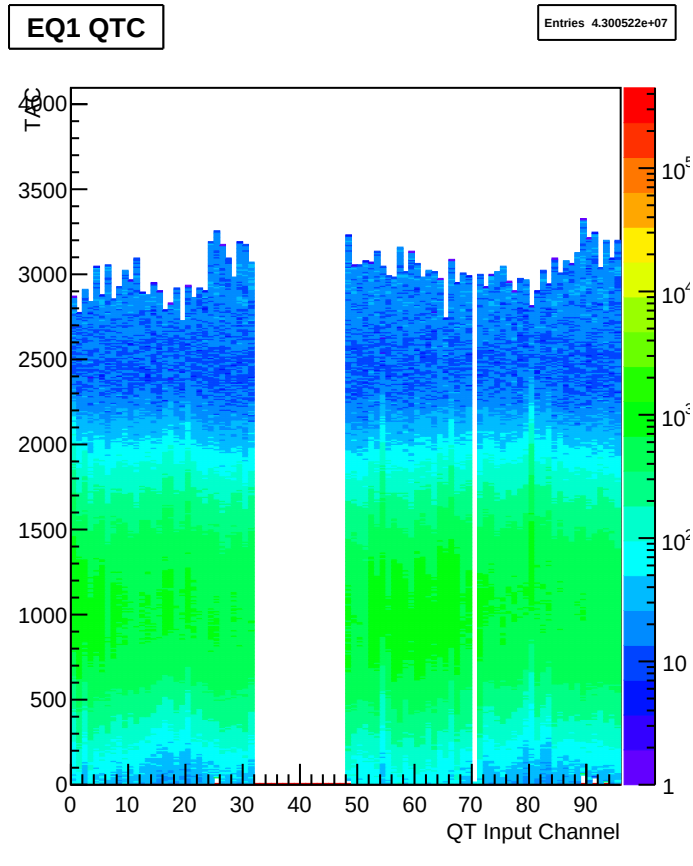

BBQ-VP002 West
Entries 7167536
ADC
QT Input Channel

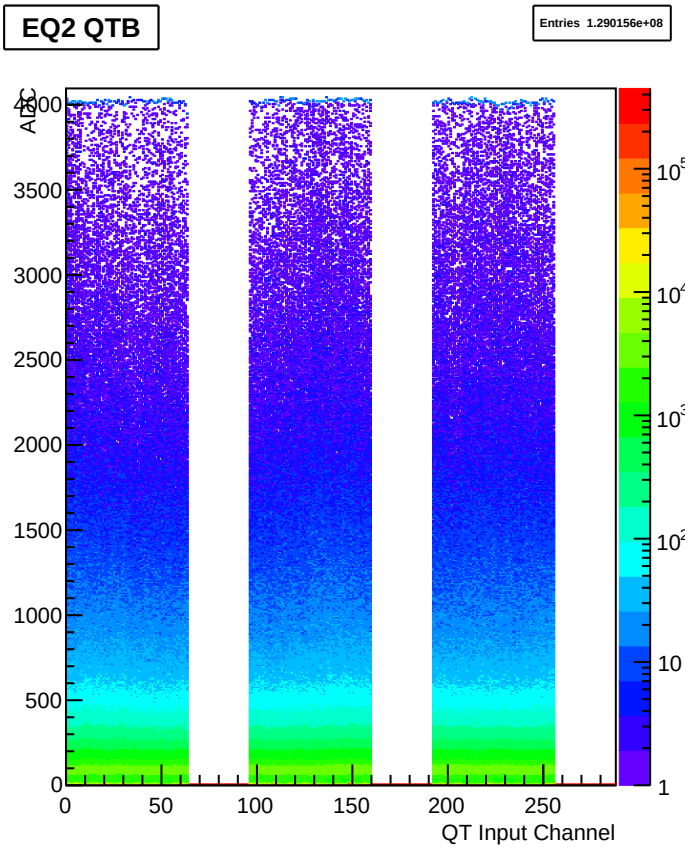

BBQ-VP002 West
Entries 7167536
TADC
QT Input Channel

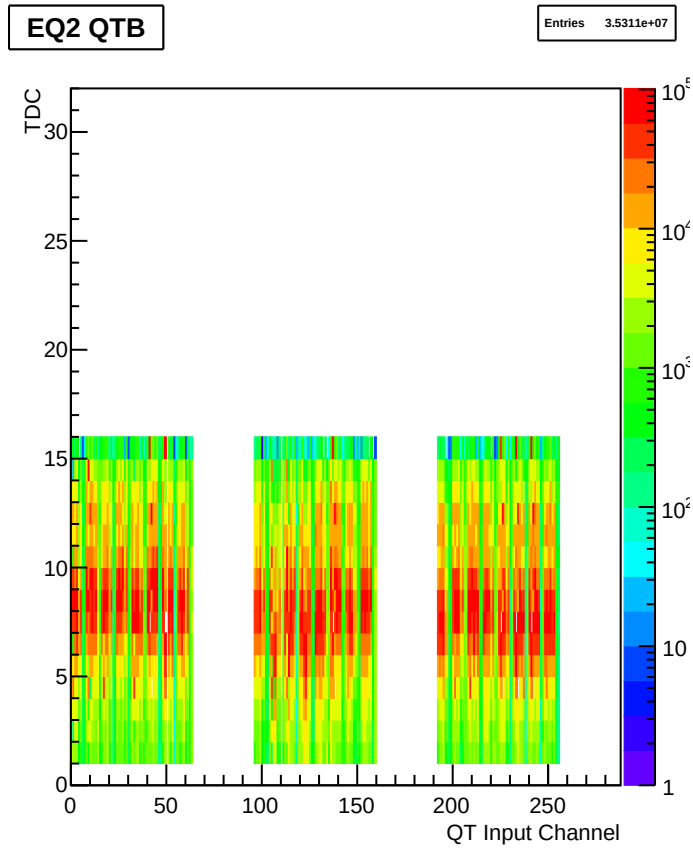

EQ1 QTB
Entries 1.290156e+08
ADC
QT Input Channel

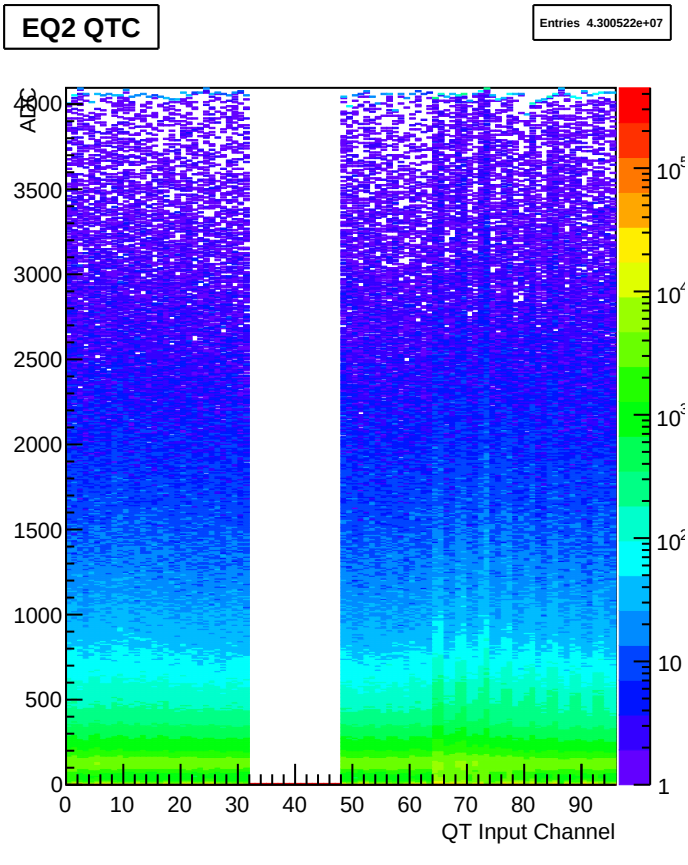

EQ1 QTB
Entries 4.674662e+07
TDC
QT Input Channel

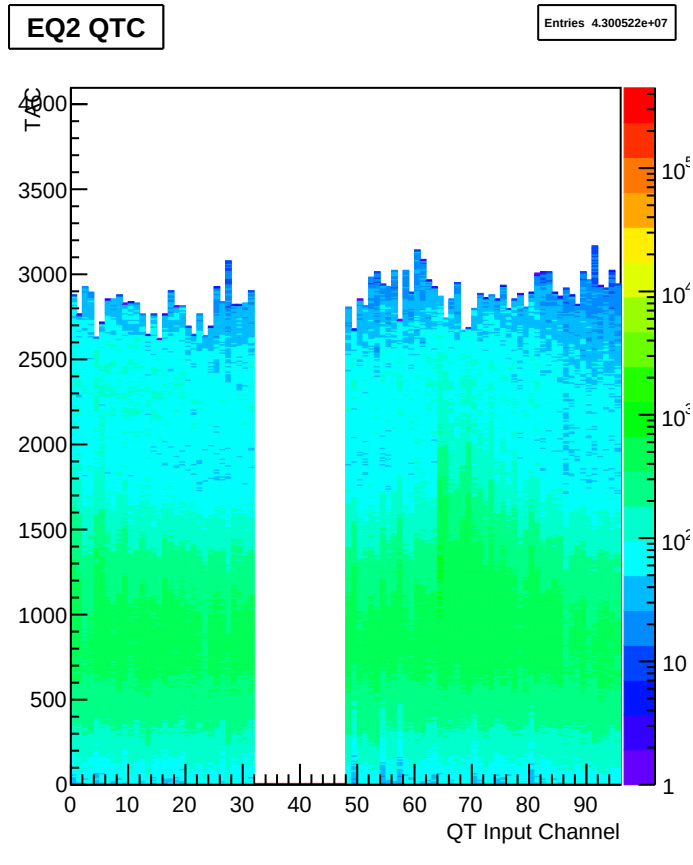

EQ1 QTC
Entries 4.300522e+07
ADC
QT Input Channel

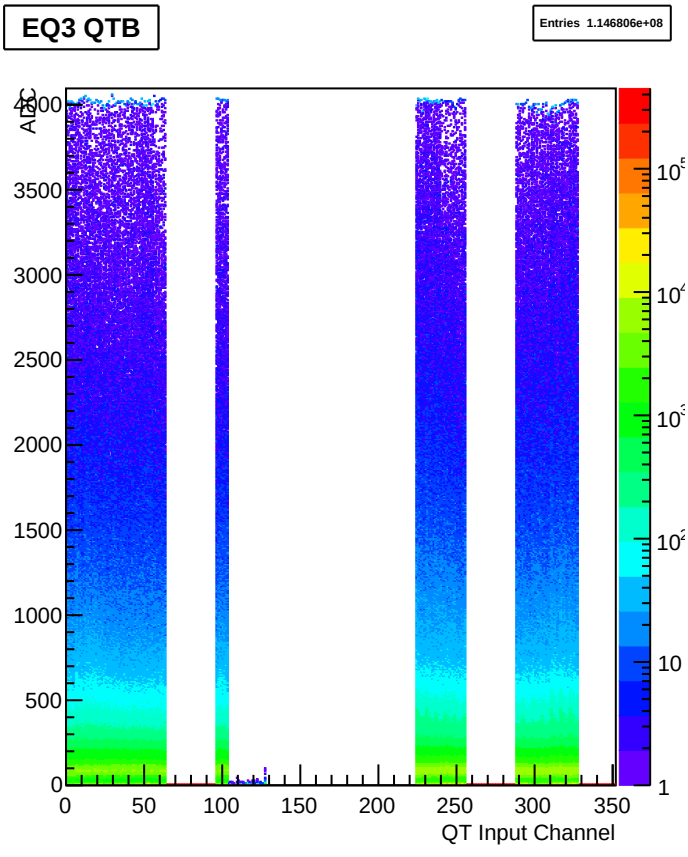

EQ1 QTC
Entries 4.300522e+07
TADC
QT Input Channel

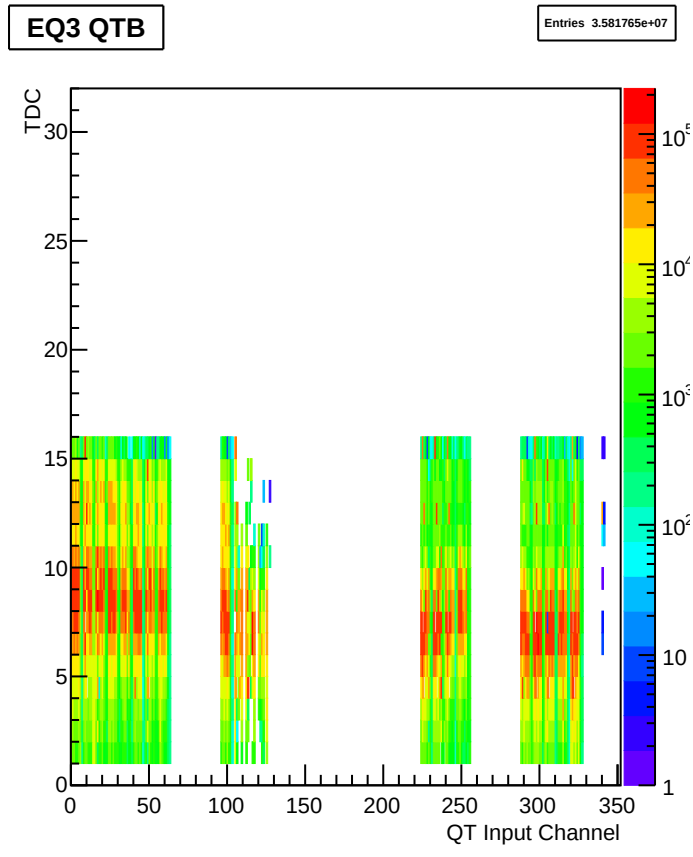

EQ2 QTB
Entries 1.290156e+08
ADC
QT Input Channel

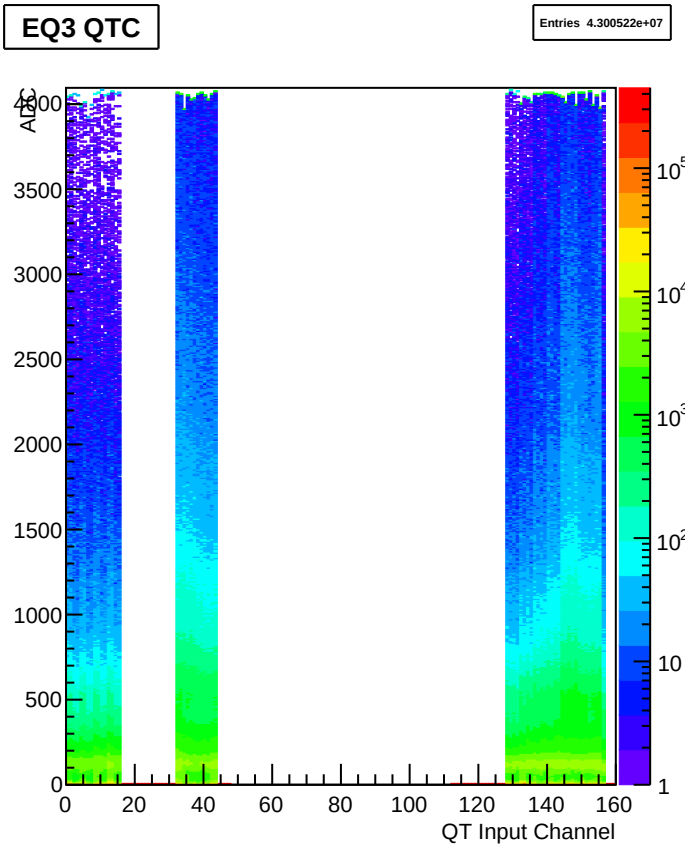

EQ2 QTB
Entries 3.5311e+07
TDC
QT Input Channel

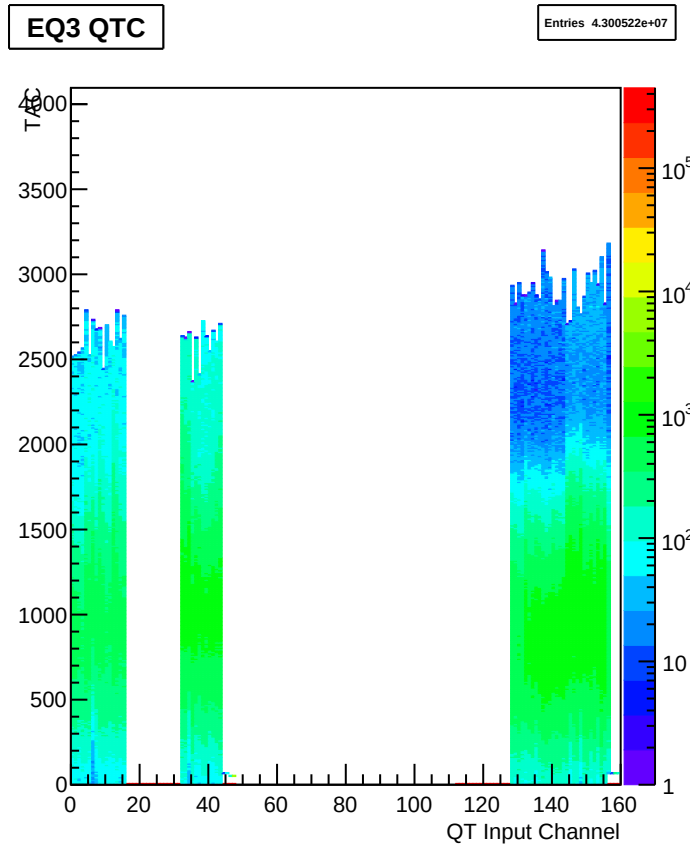

EQ2 QTC
Entries 4.300522e+07
ADC
QT Input Channel

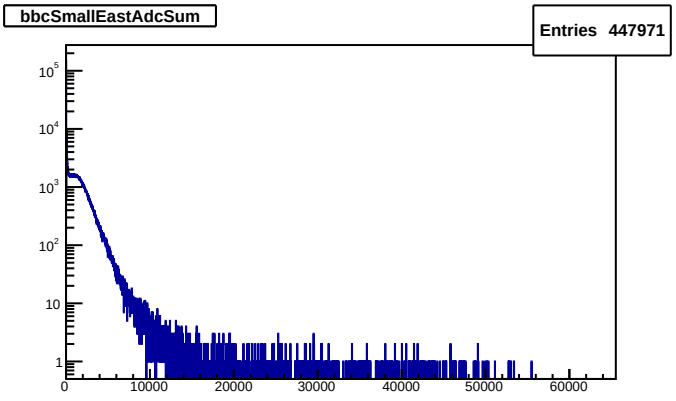

EQ2 QTC
Entries 4.300522e+07
TADC
QT Input Channel

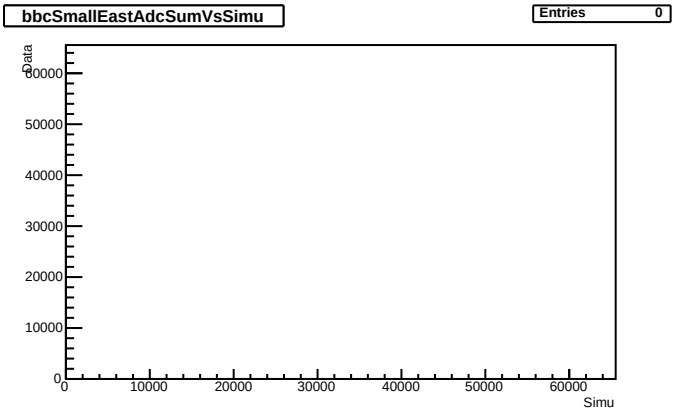

EQ3 QTB
Entries 1.146806e+08
ADC
QT Input Channel

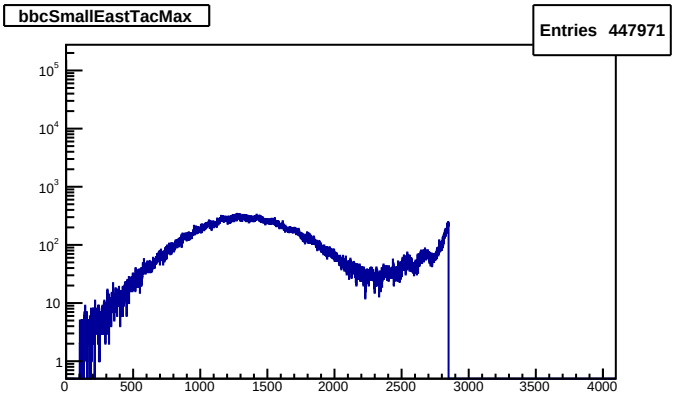

EQ3 QTB
Entries 3.581765e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.300522e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.300522e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 447971


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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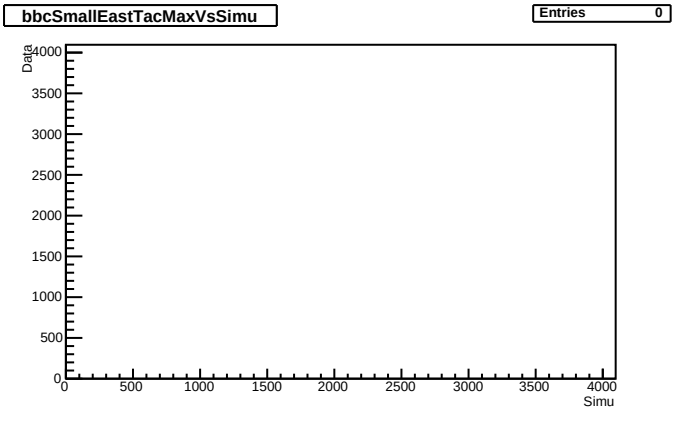
Entries 447971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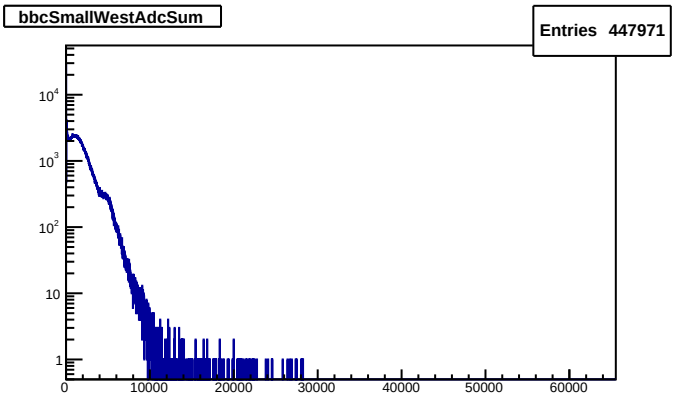
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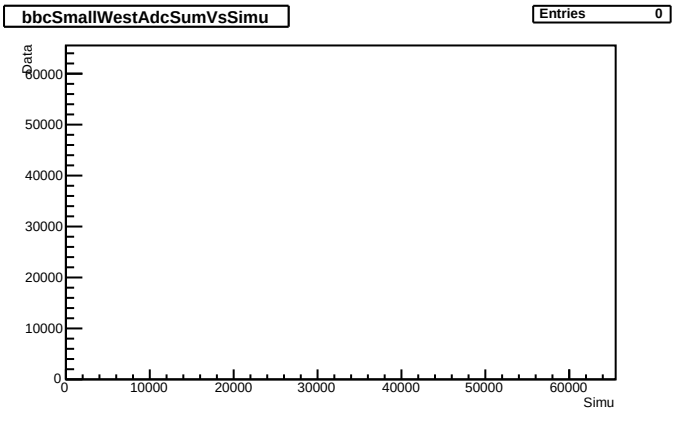
Entries 447971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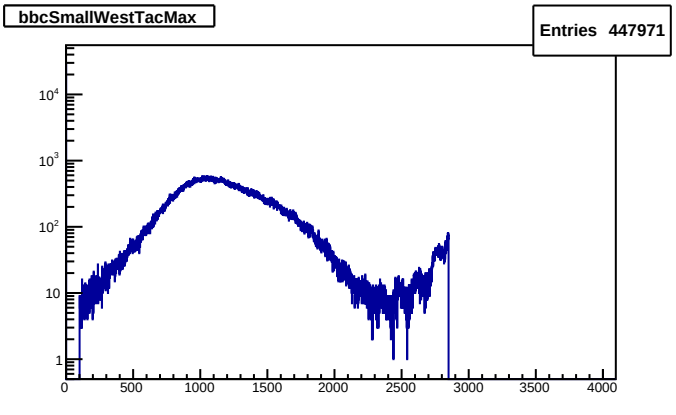
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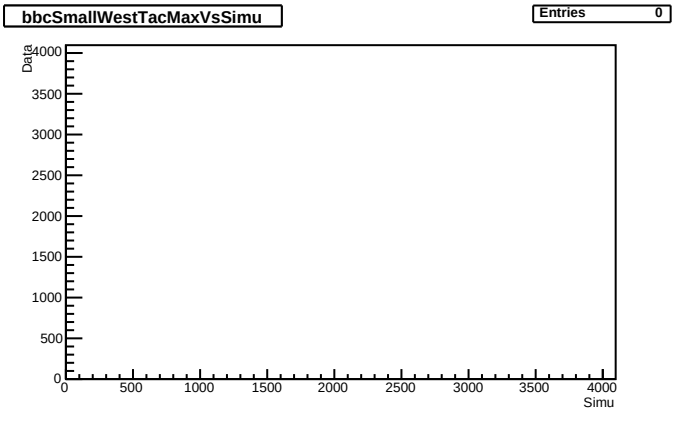
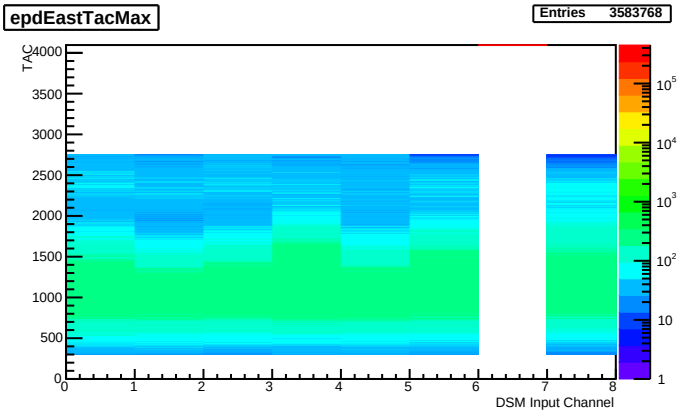
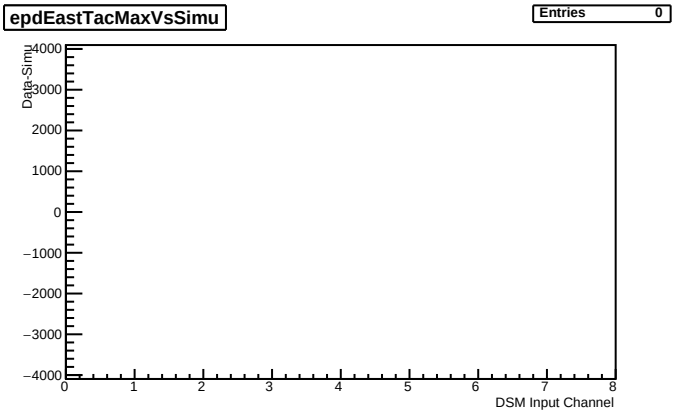
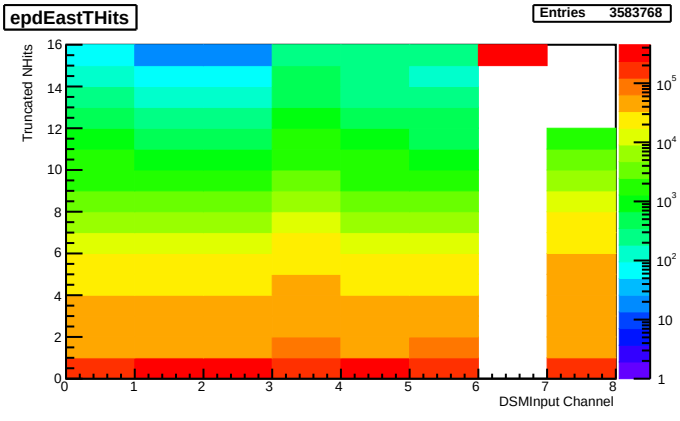
Entries 447971


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 3583768
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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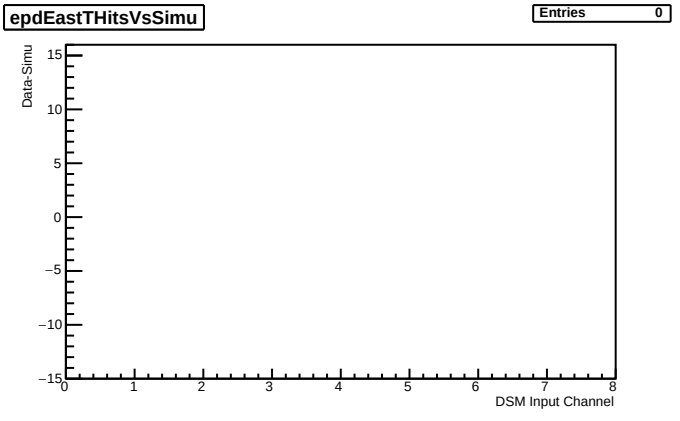
Entries 3583768
Truncated NHits
DSMInput Channel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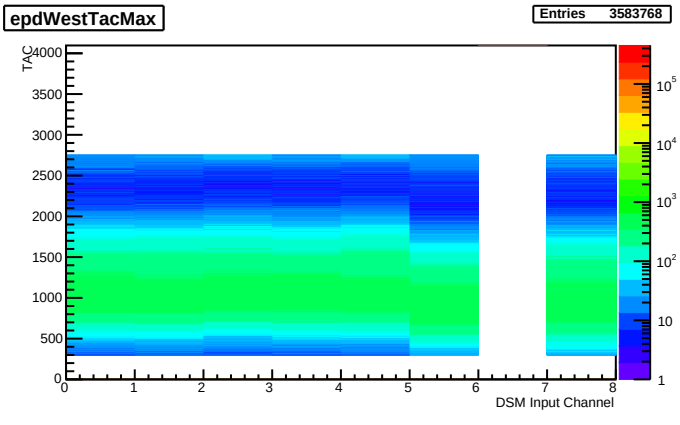
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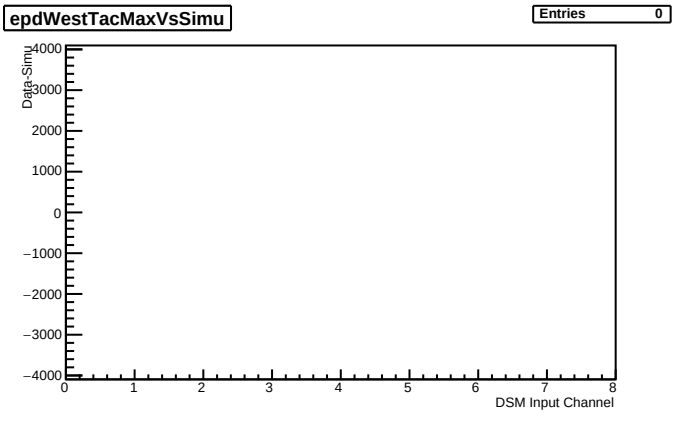
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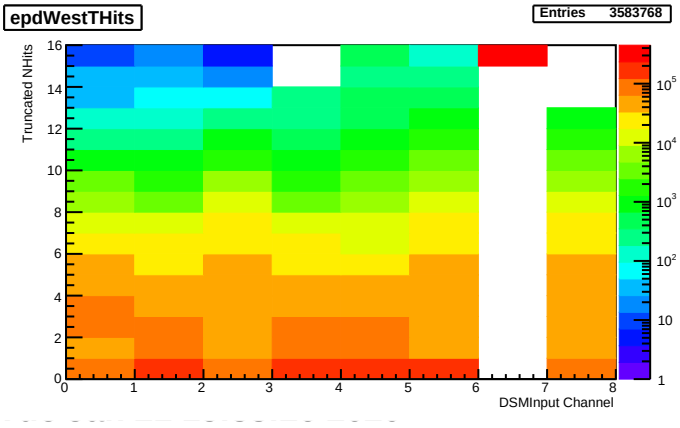
Data-Simu
DSM Input Channel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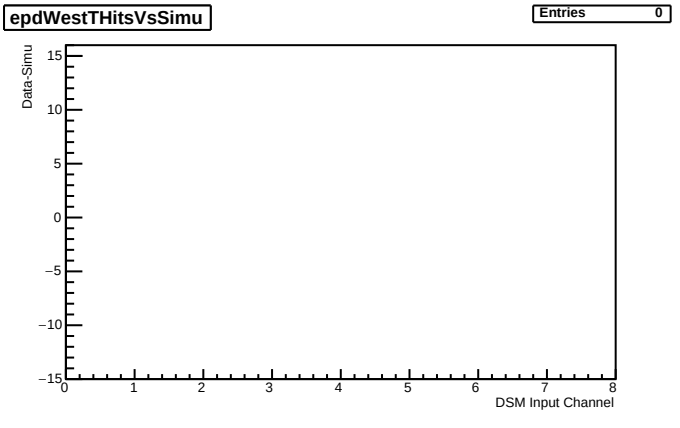
Entries 3583768
Truncated NHits
DSMInput Channel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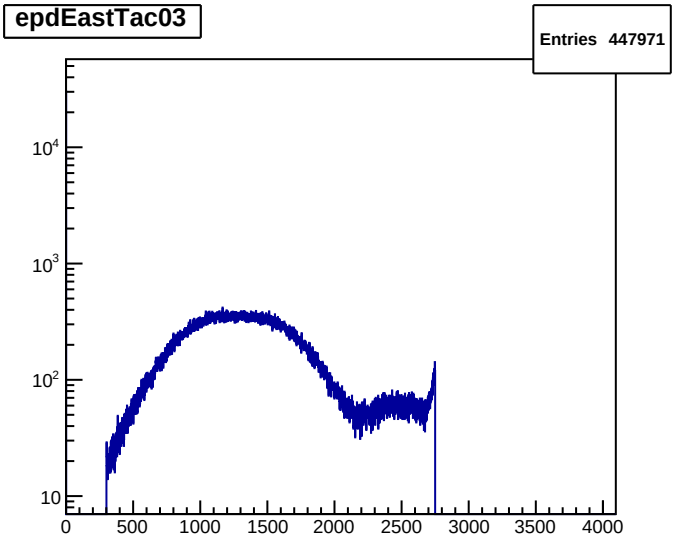
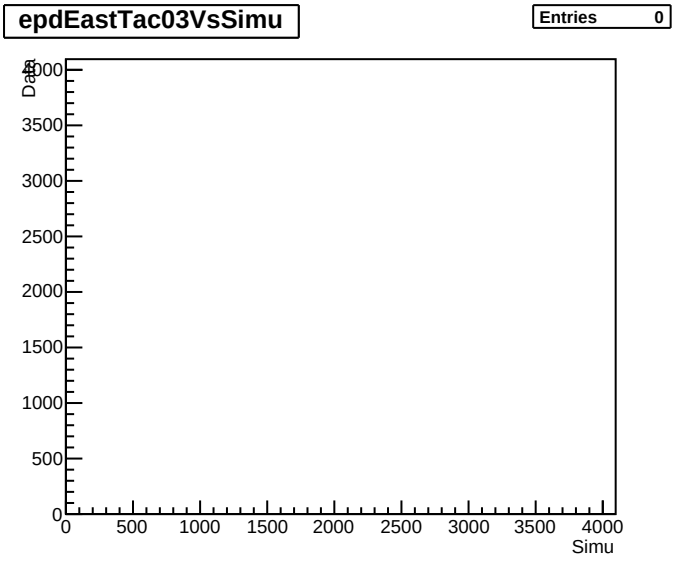
Data-Simu
DSM Input Channel


epdEastTac03
Entries 447971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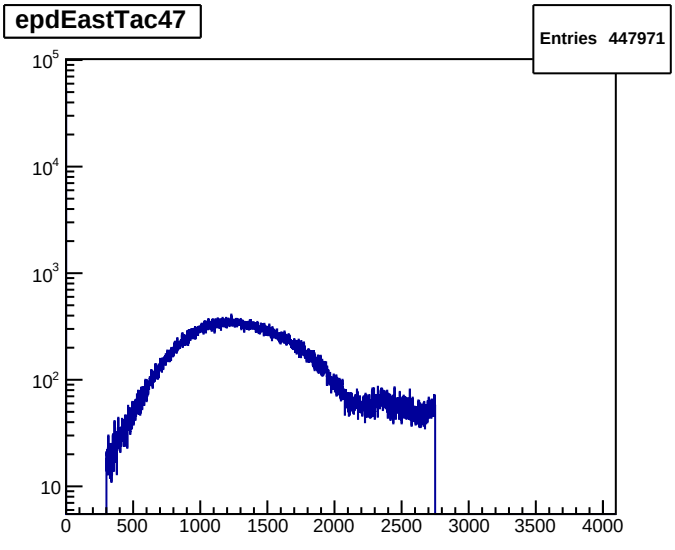
Entries 0
Data
Simu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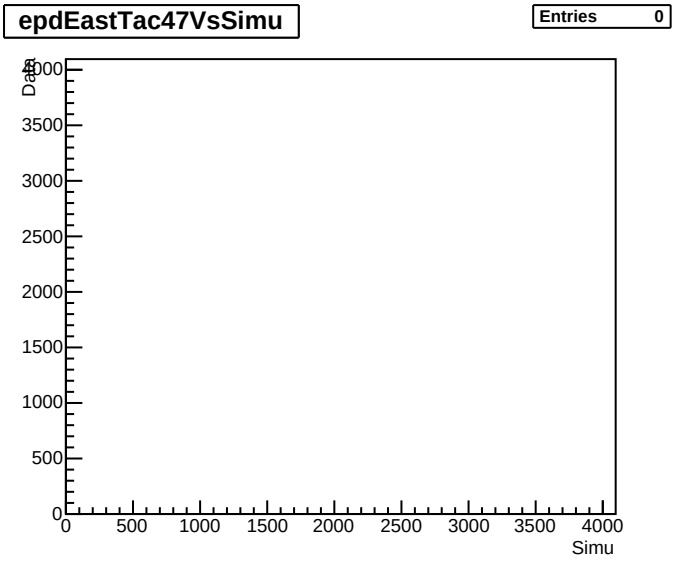
Entries 447971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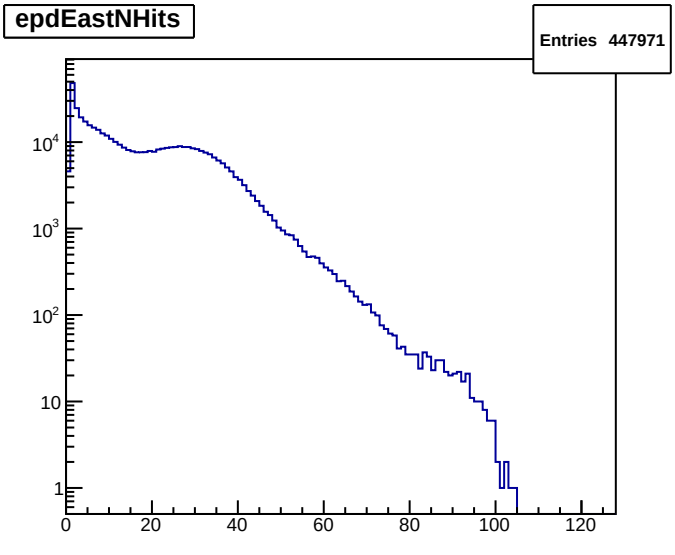
Entries 0
Data
Simu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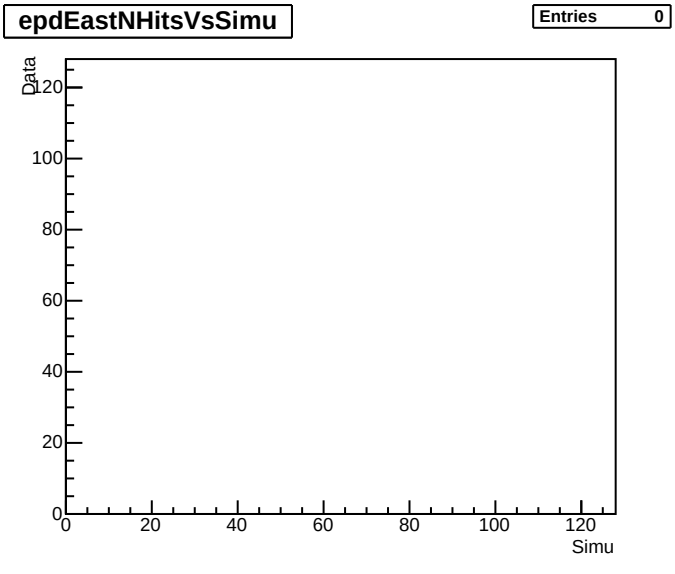
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Entries 0
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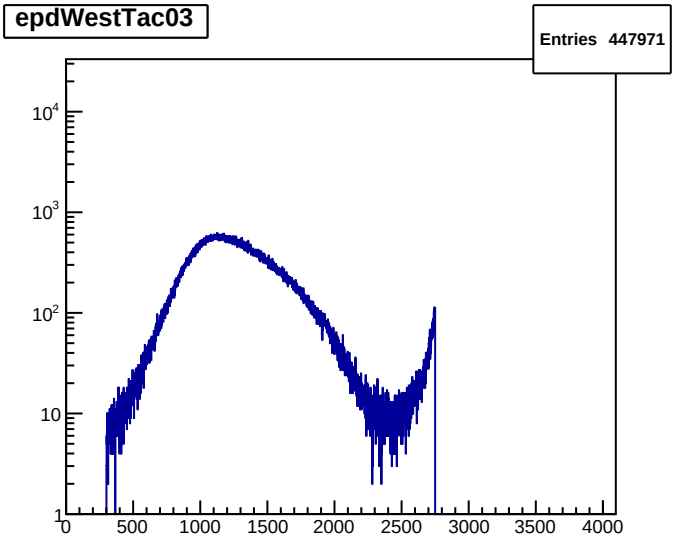
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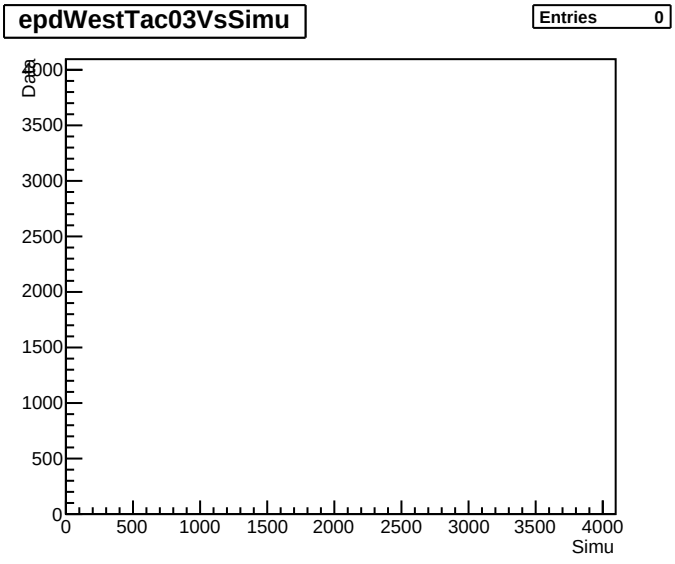
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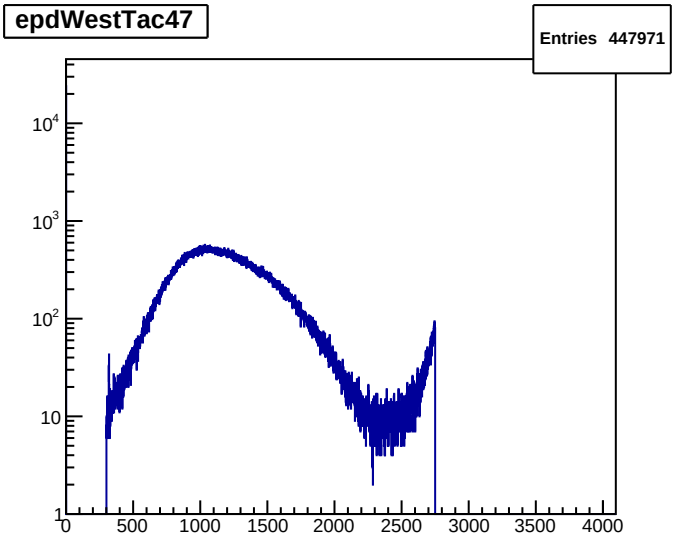
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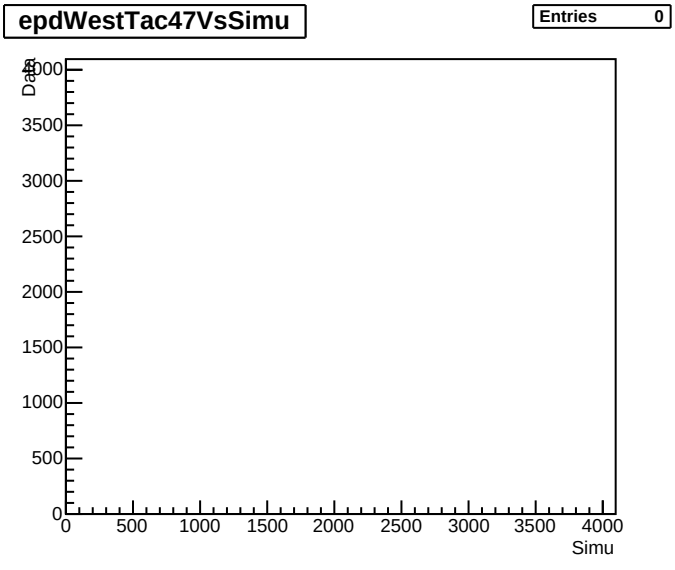
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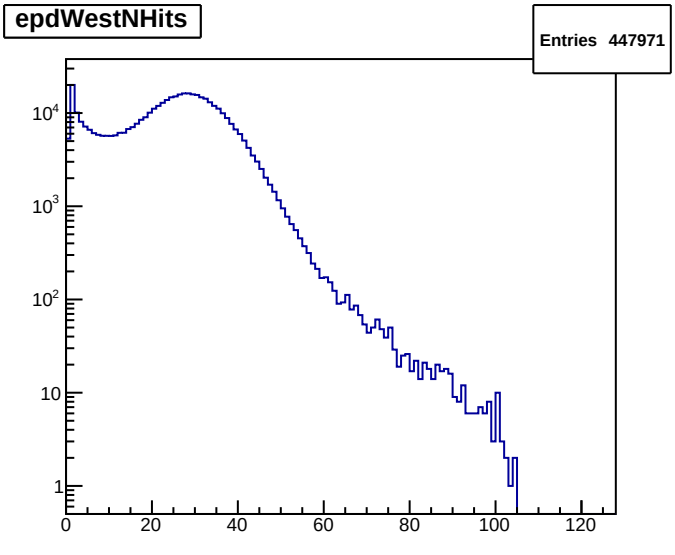
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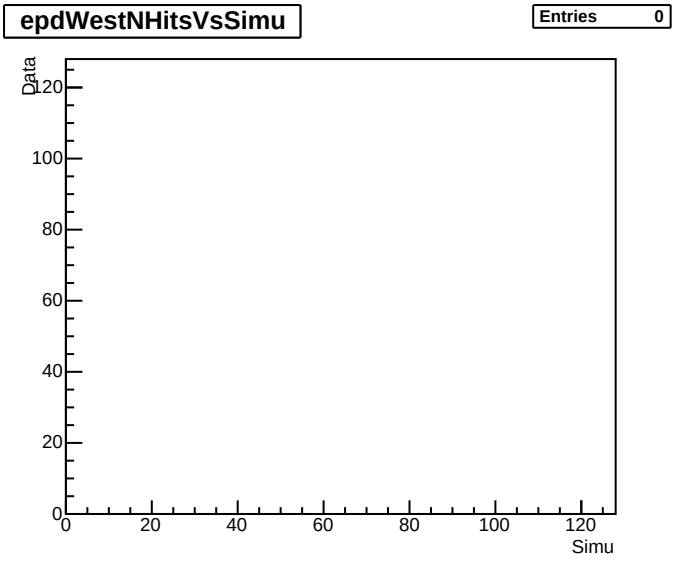
Entries 447971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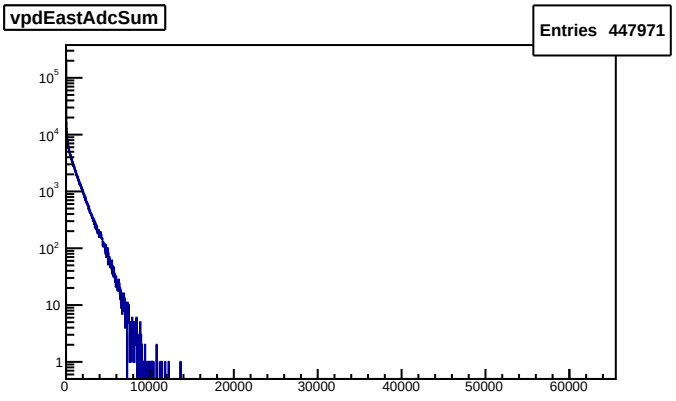
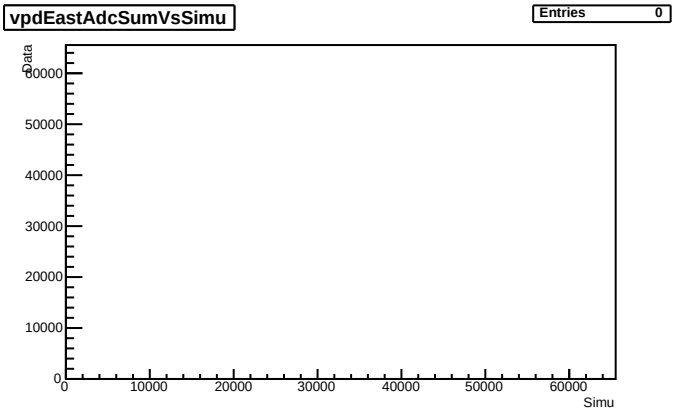
Entries 0
Data
Simu


vpdEastAdcSum
Entries 447971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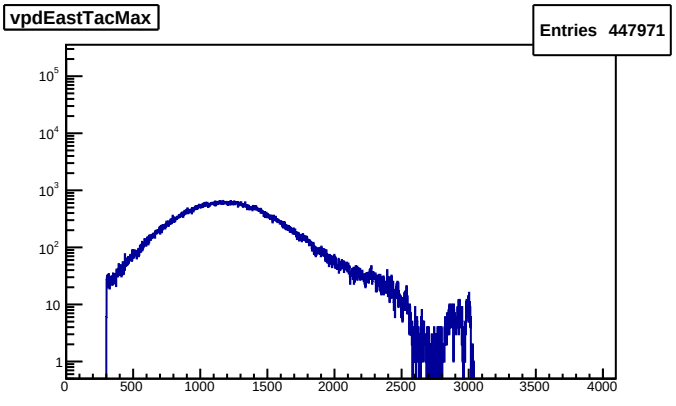
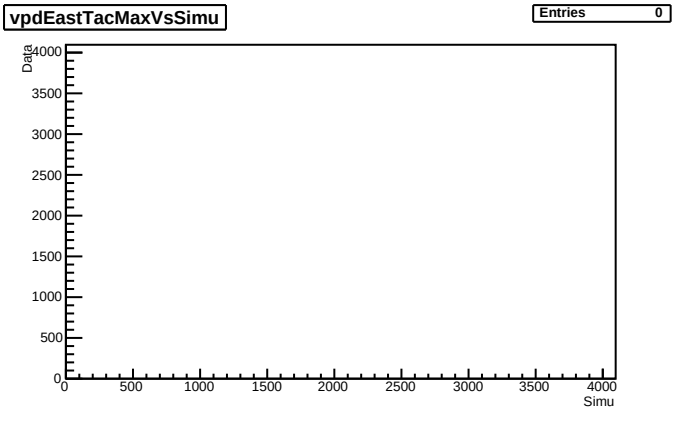
Entries 0
Data
Simu


vpdEastTacMax
Entries 447971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Entries 0
Data
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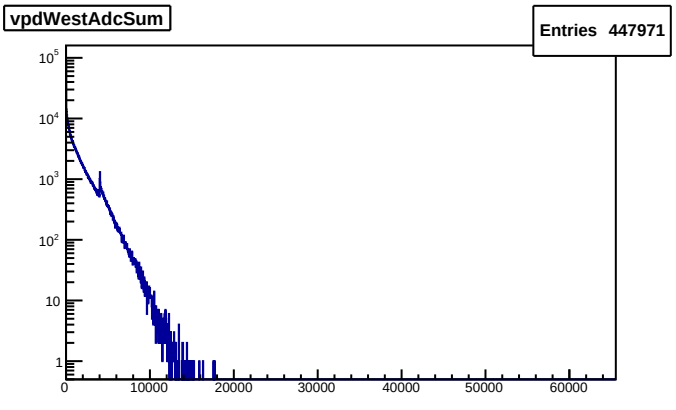
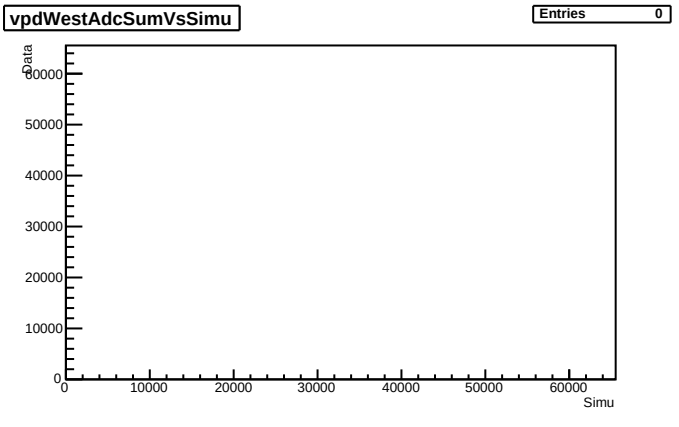

vpdWestAdcSum
Entries 447971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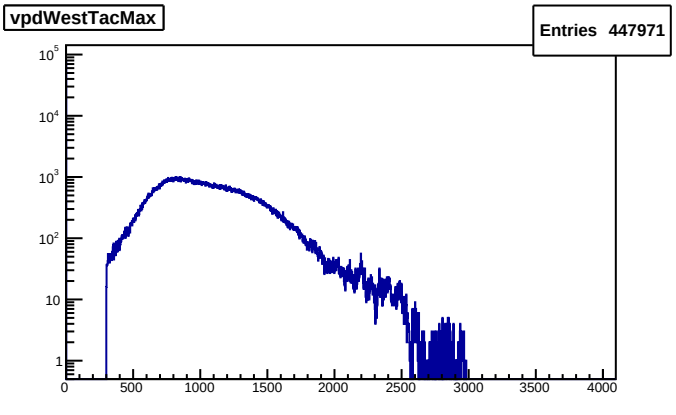
Entries 0
Data
Simu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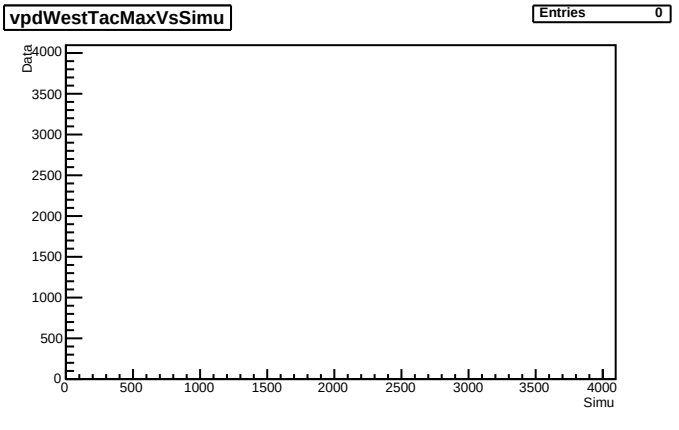
Entries 447971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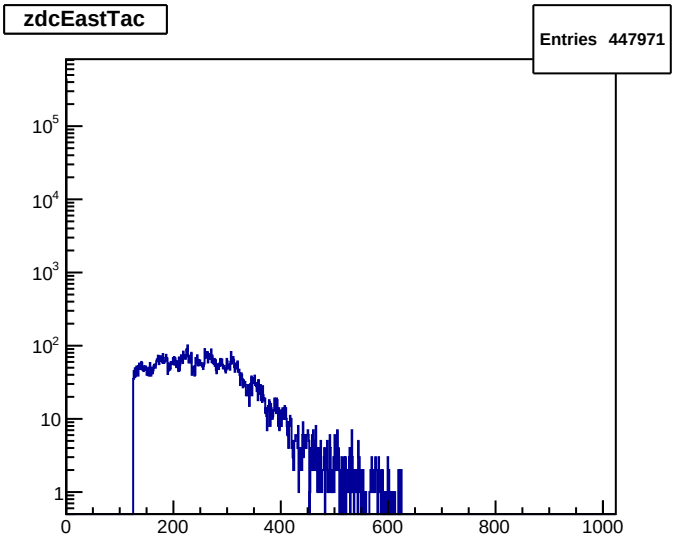
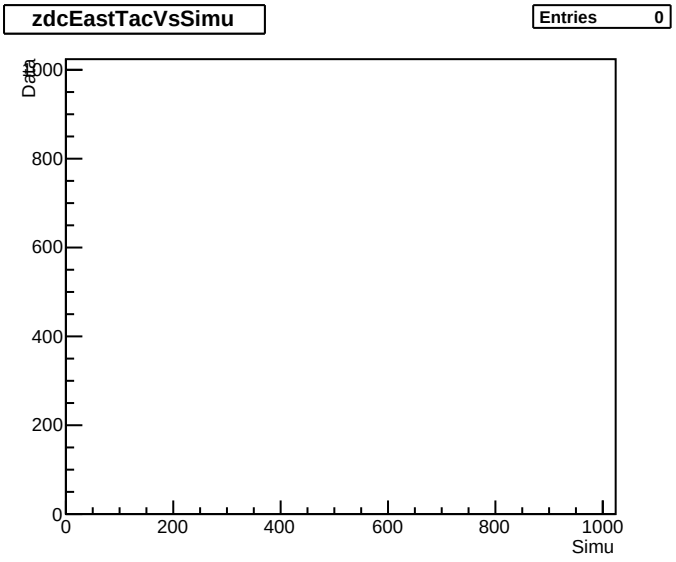
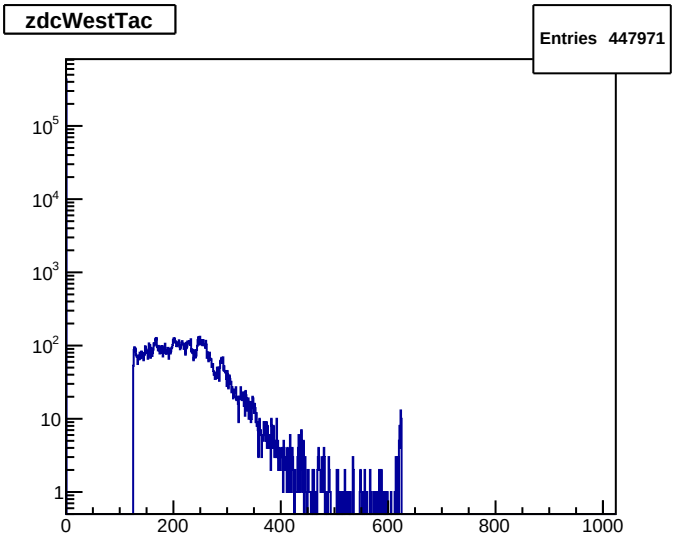
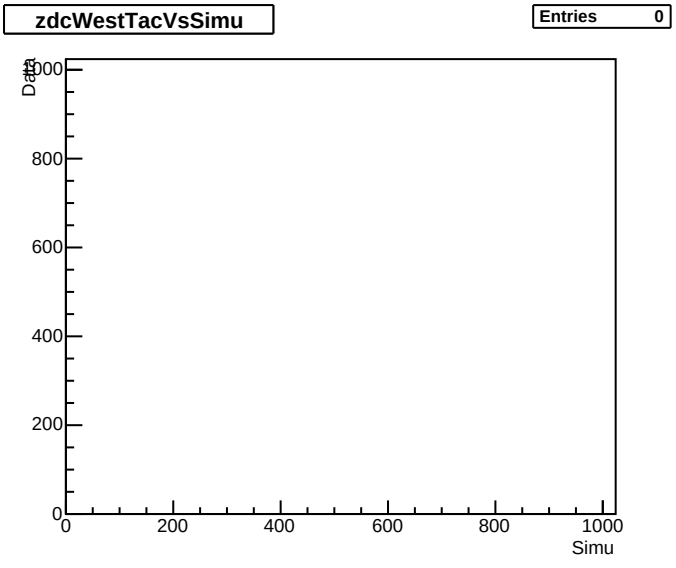
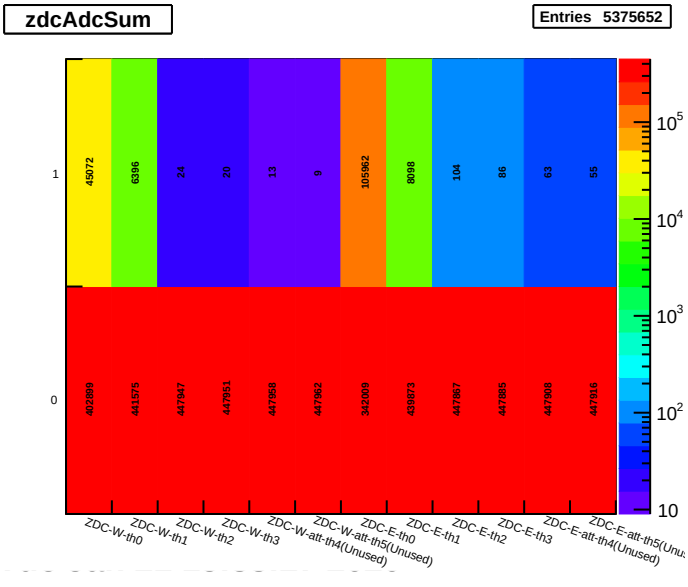
Entries 0
Data
Simu

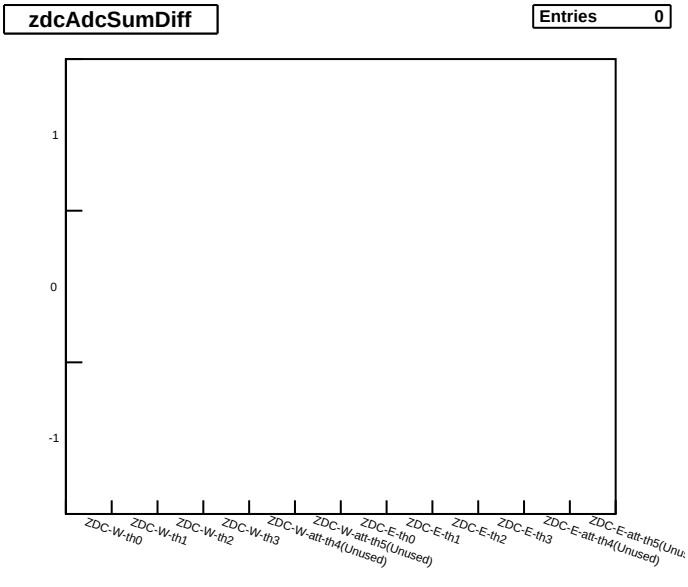

zdcEastTac
Entries 447971


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 447971


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 5375652
45072
6396
24
20
13
9
105962
8098
104
86
63
55
402899
441575
447947
447951
447958
447962
342009
439873
447867
447885
447908
447916
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
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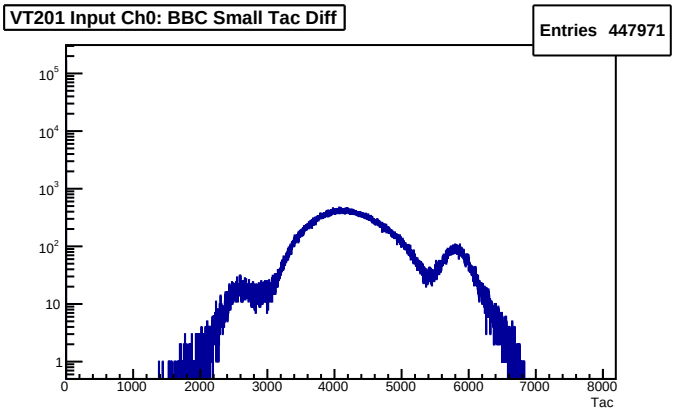
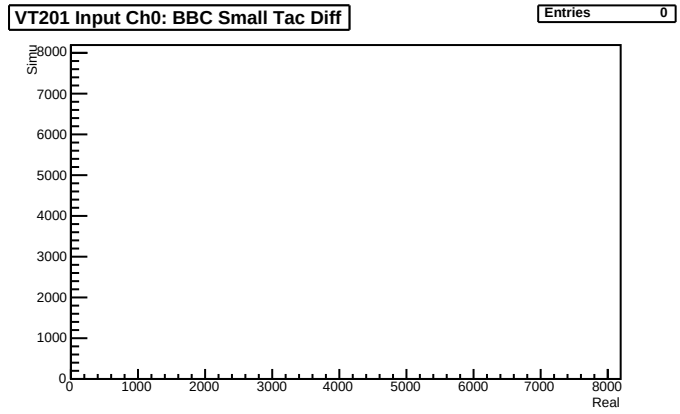
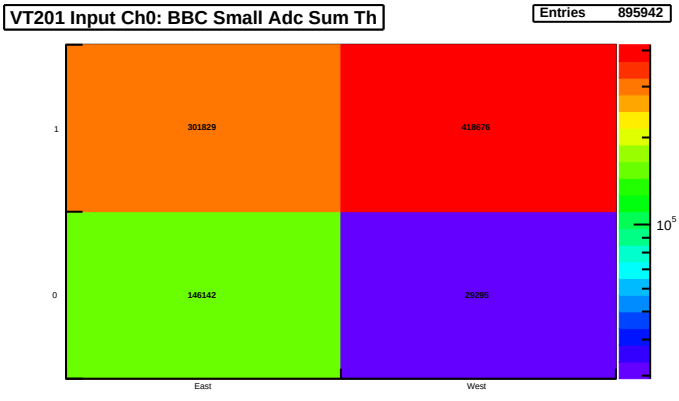
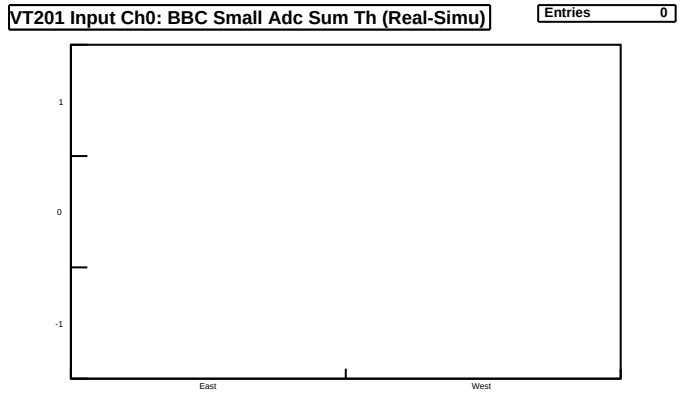
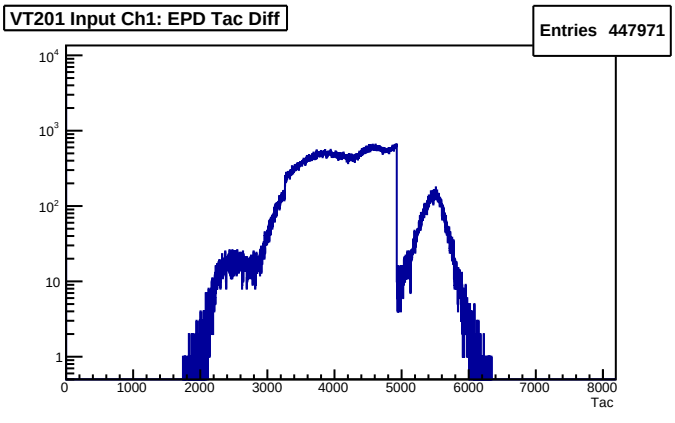
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

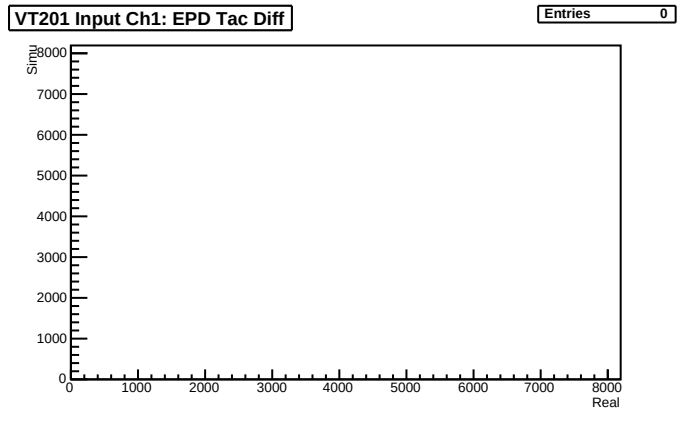

VT201 Input Ch0: BBC Small Tac Diff
Entries 447971
Tac

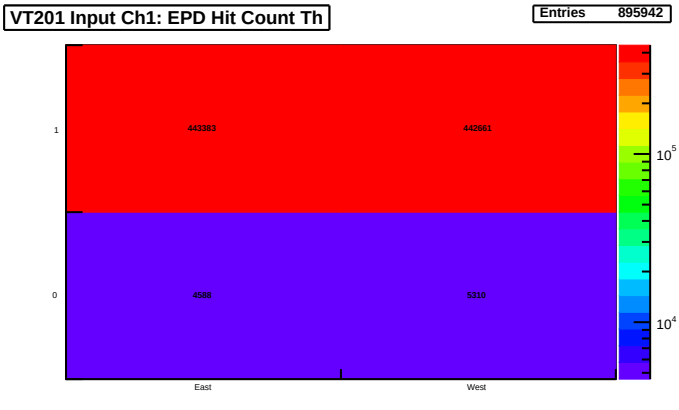

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

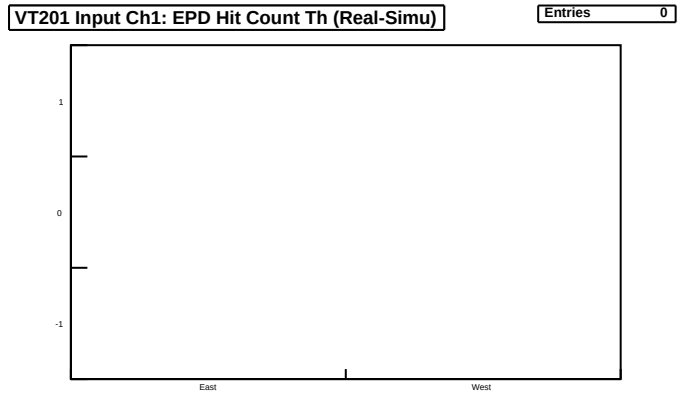

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 895942
301829
418676
146142
29295
East
West

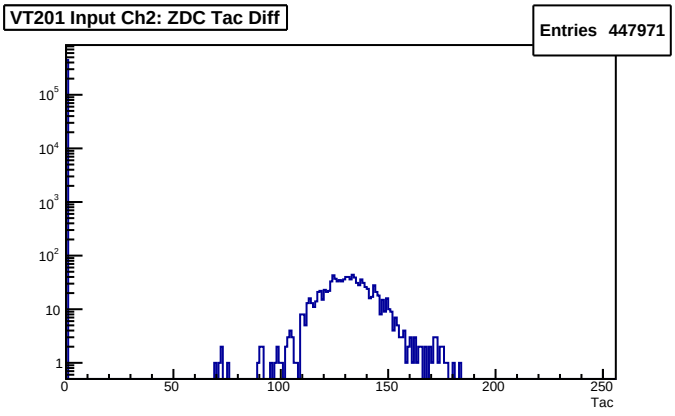

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

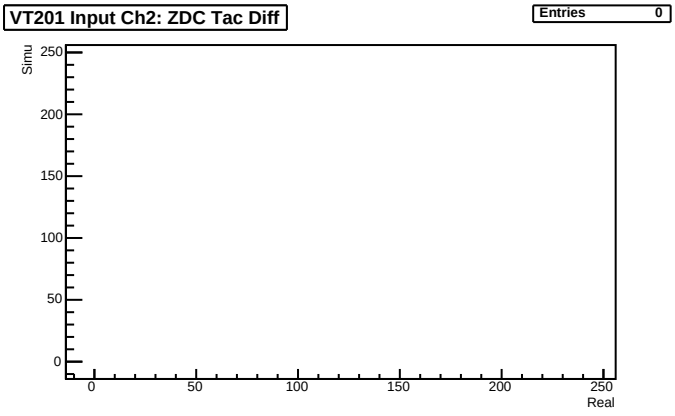

VT201 Input Ch1: EPD Tac Diff
Entries 447971
Tac

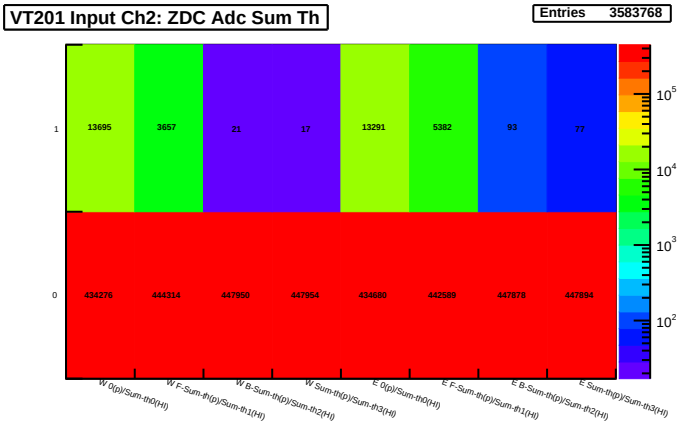

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

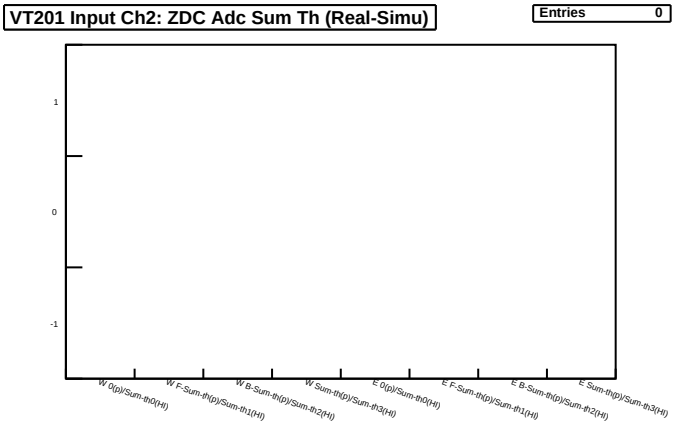

VT201 Input Ch1: EPD Hit Count Th
Entries 895942
443383
442661
4588
5310
East
West

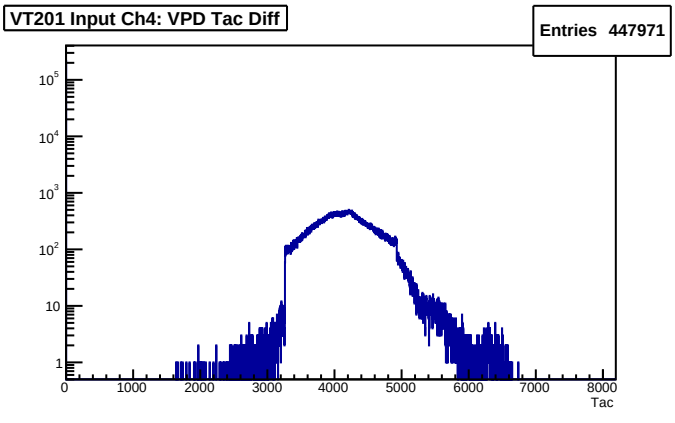

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

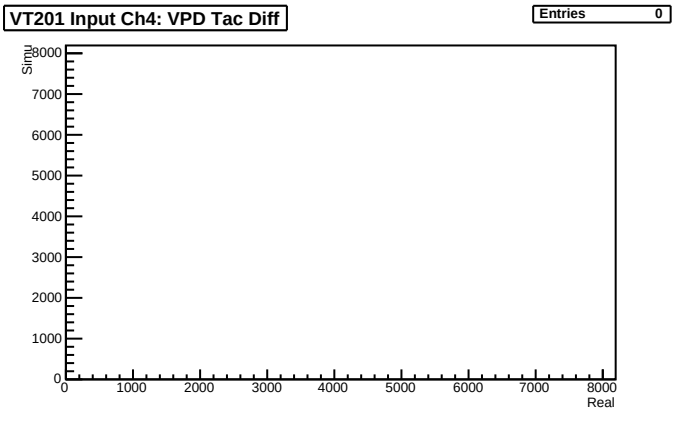

VT201 Input Ch2: ZDC Tac Diff
Entries 447971
Tac

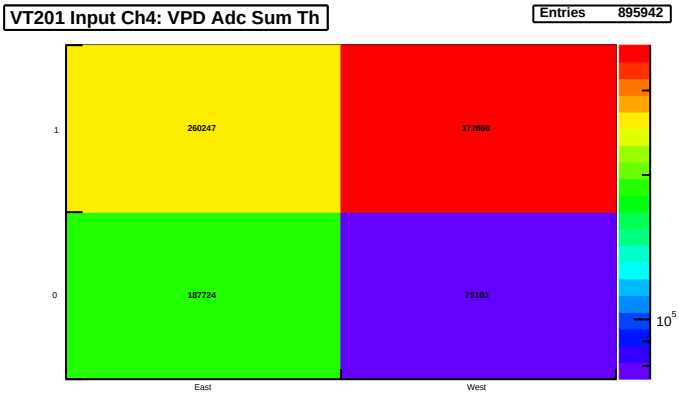

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

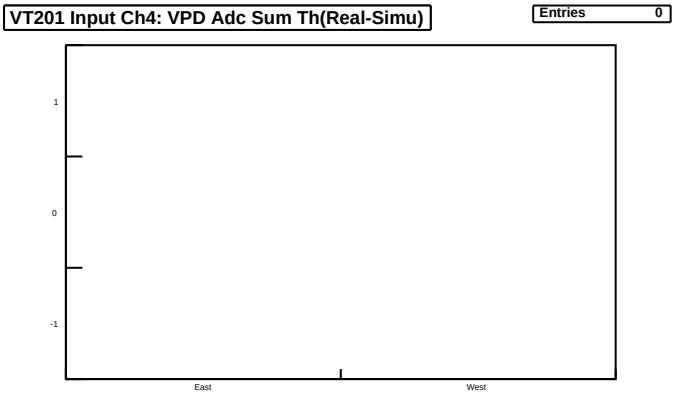

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3583768
13695
3657
21
17
13291
5382
93
77
434276
444314
447950
447954
434680
442589
447878
447894
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

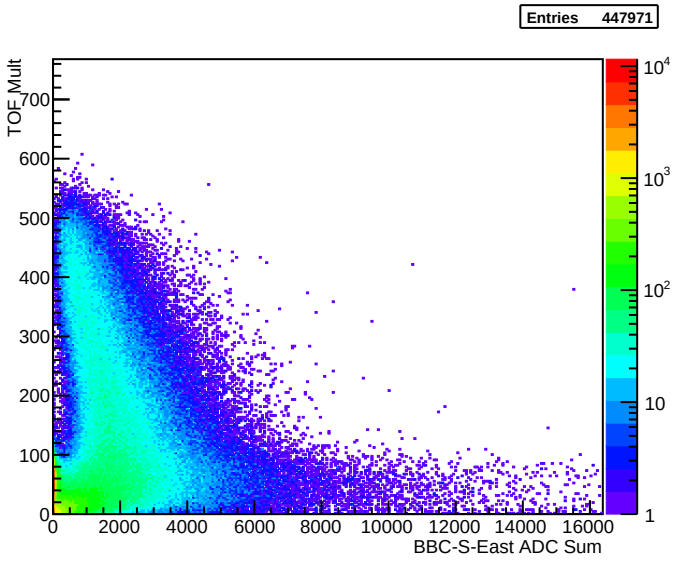

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

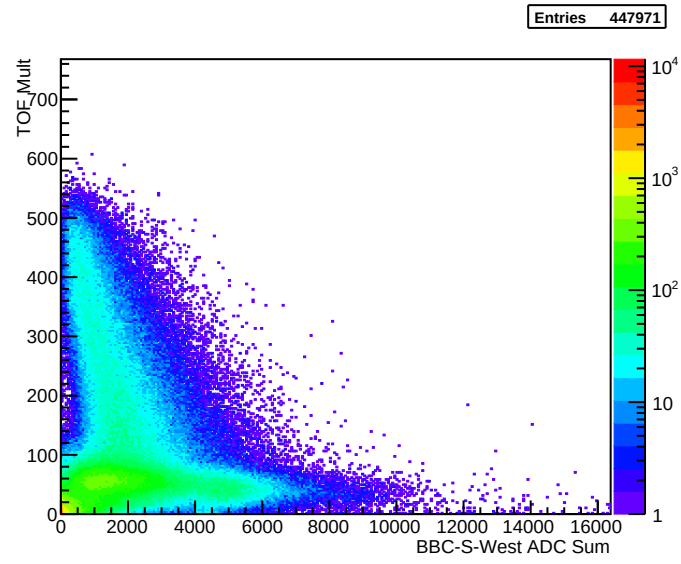

VT201 Input Ch4: VPD Tac Diff
Entries 447971
Tac

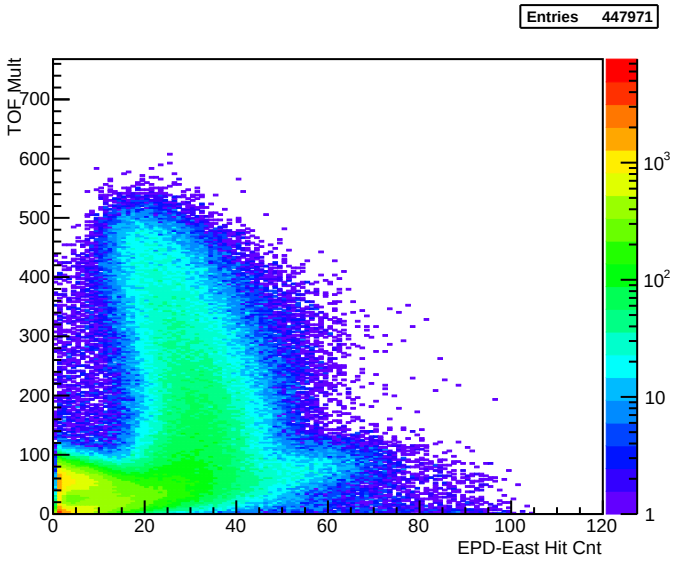

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

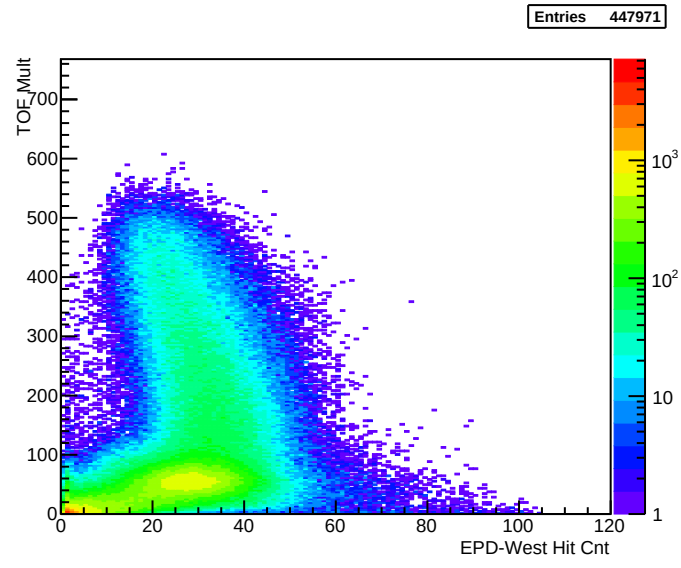

VT201 Input Ch4: VPD Adc Sum Th
Entries 895942
260247
372868
187724
75103
East
West

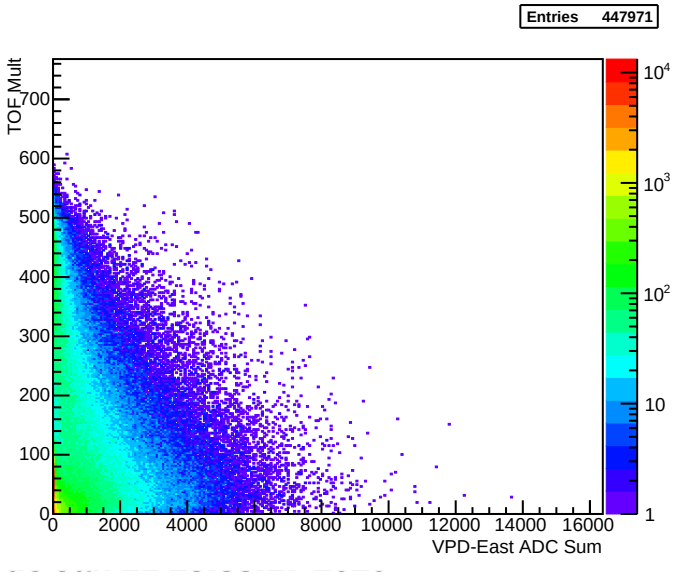

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

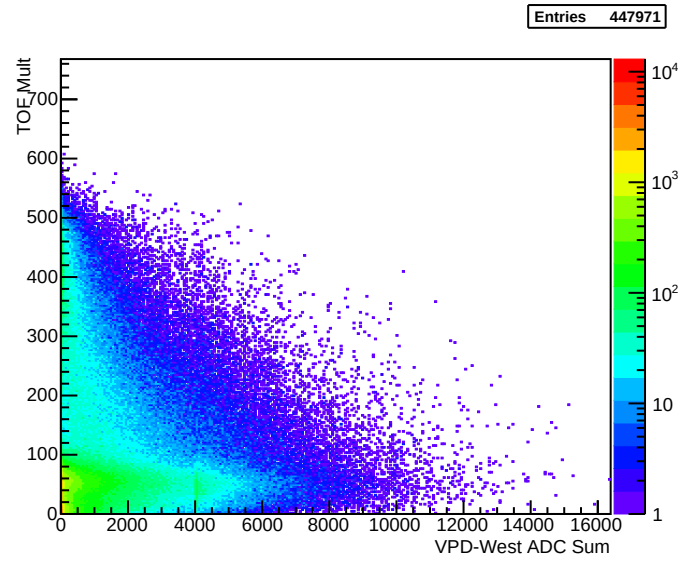

Entries 447971
TOF_Mult
BBC-S-East ADC Sum

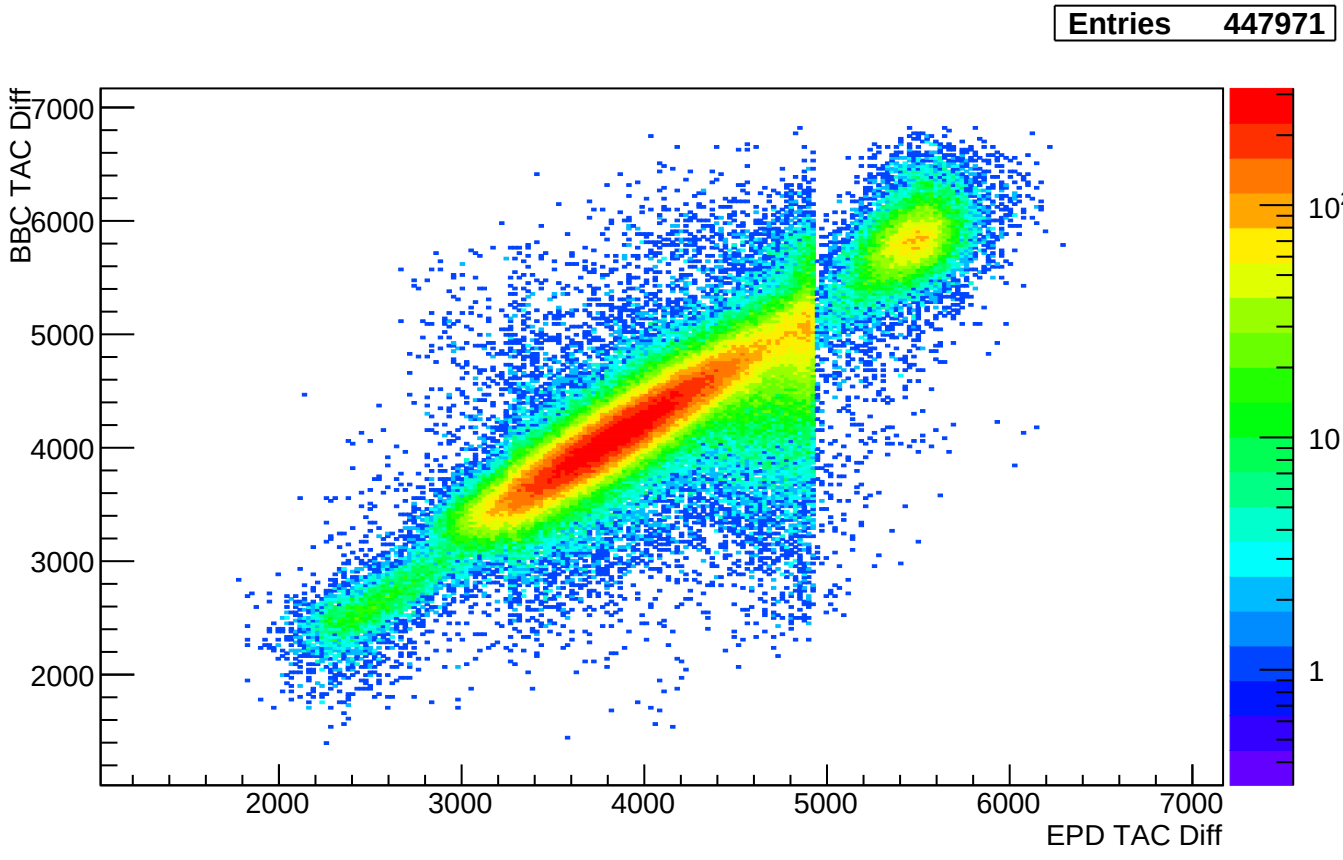

Entries 447971
TOF_Mult
BBC-S-West ADC Sum

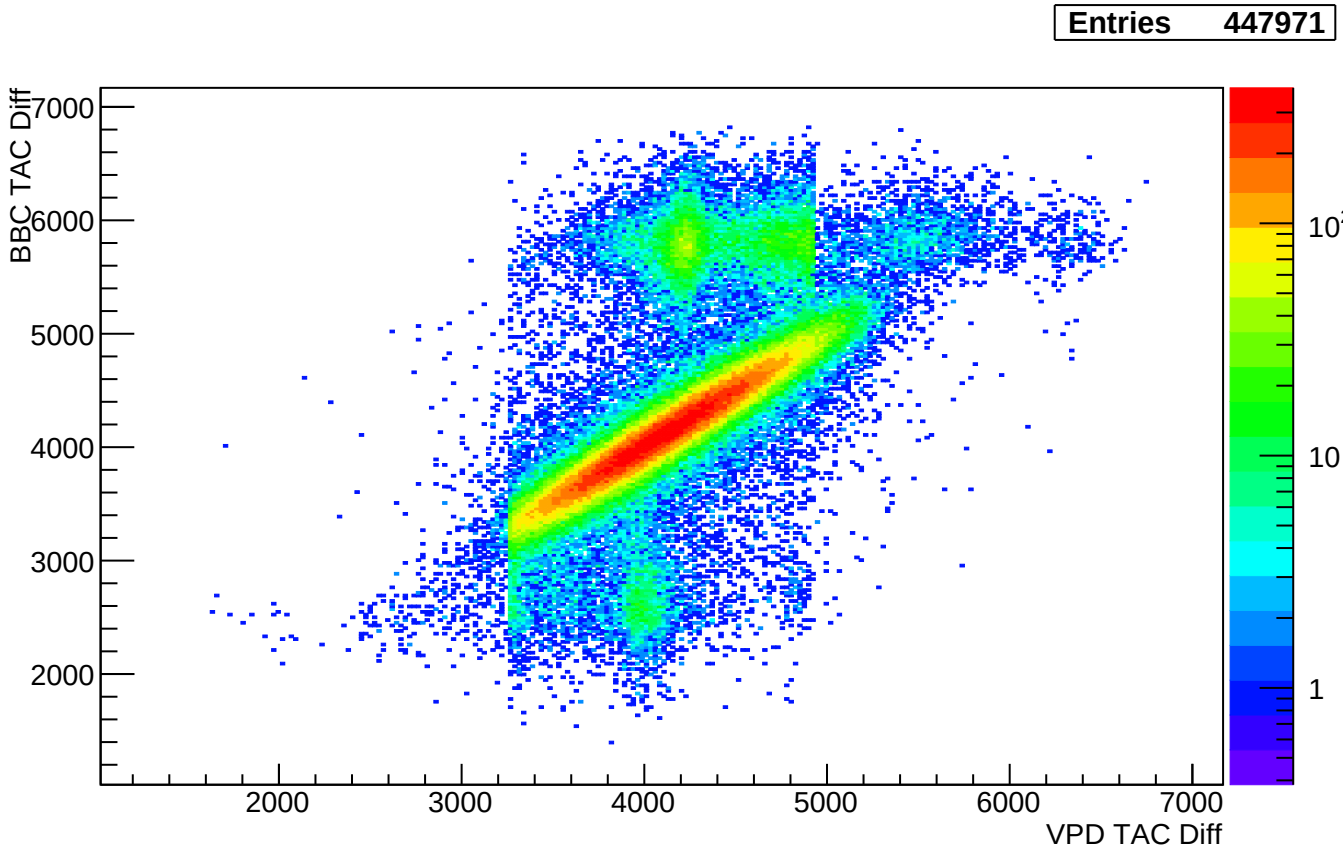

Entries 447971
TOF_Mult
EPD-East Hit Cnt

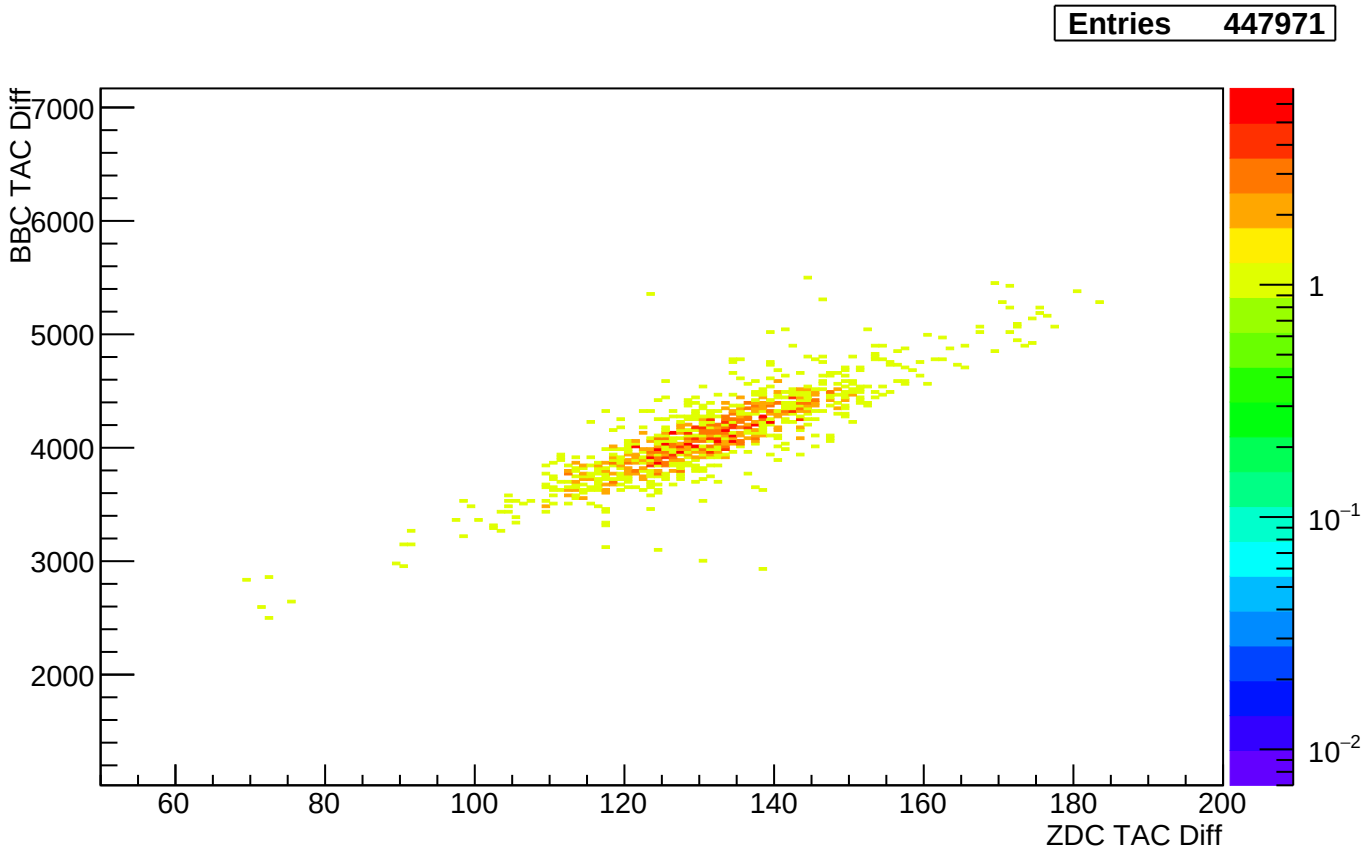

Entries 447971
TOF_Mult
EPD-West Hit Cnt

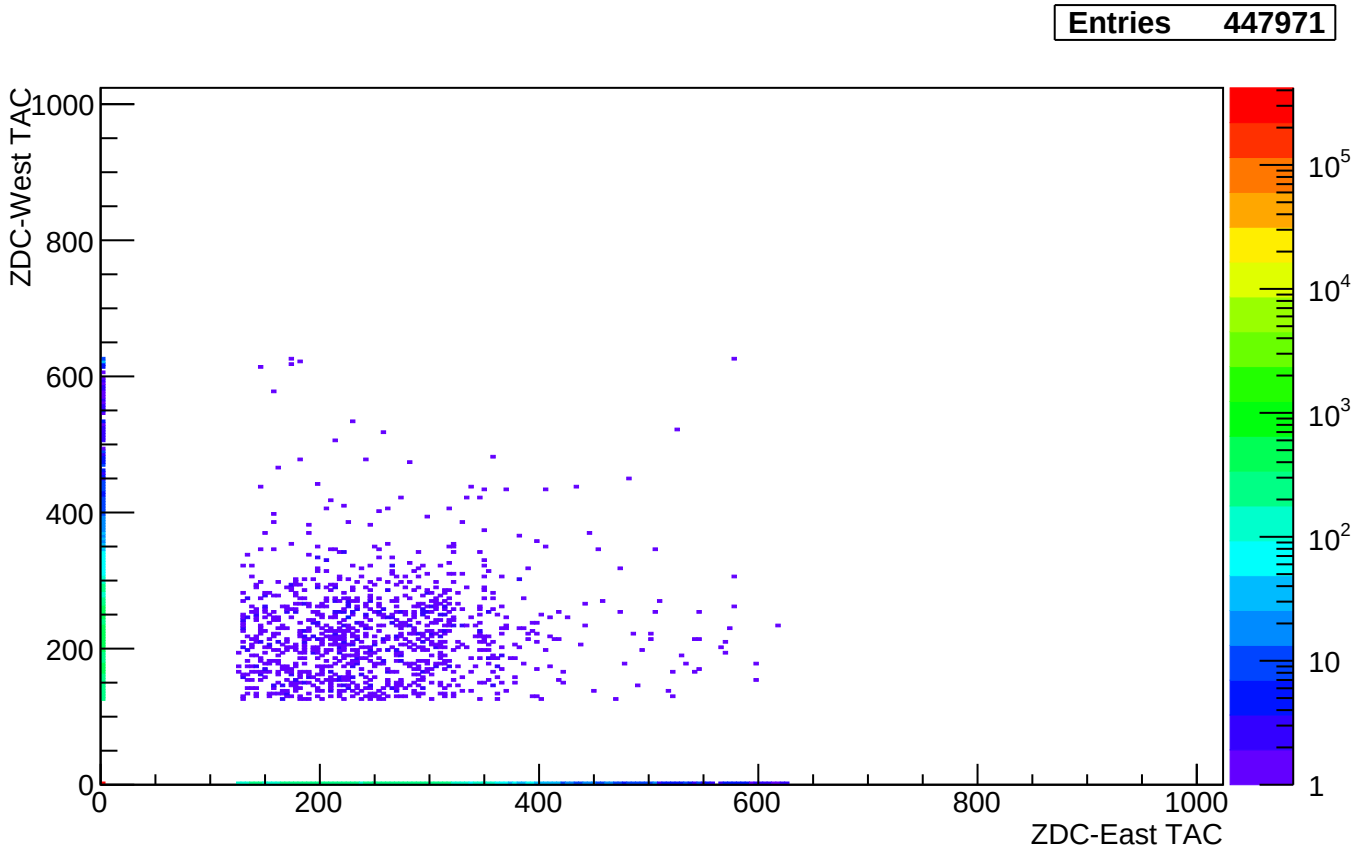

Entries 447971
TOF_Mult
VPD-East ADC Sum

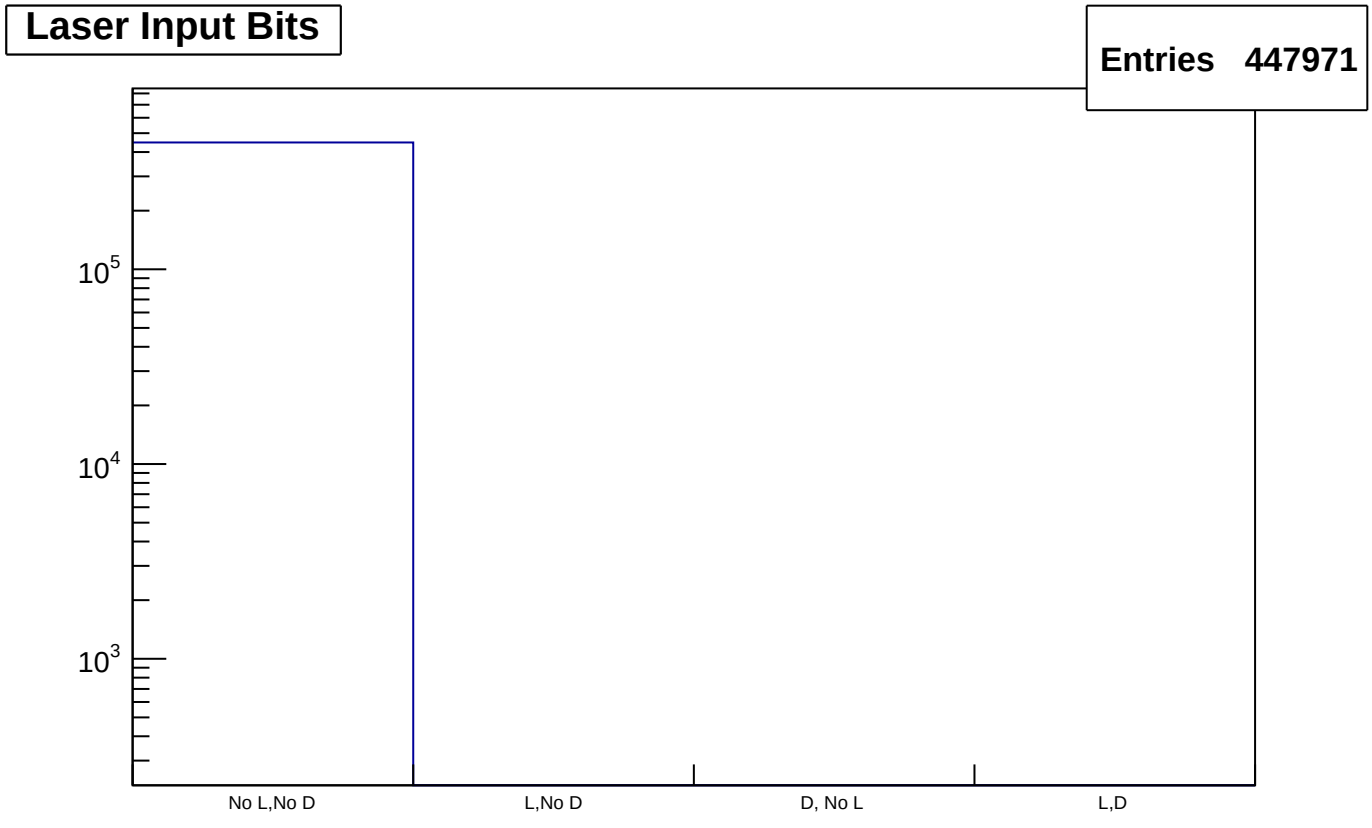

Entries 447971
TOF_Mult
VPD-West ADC Sum

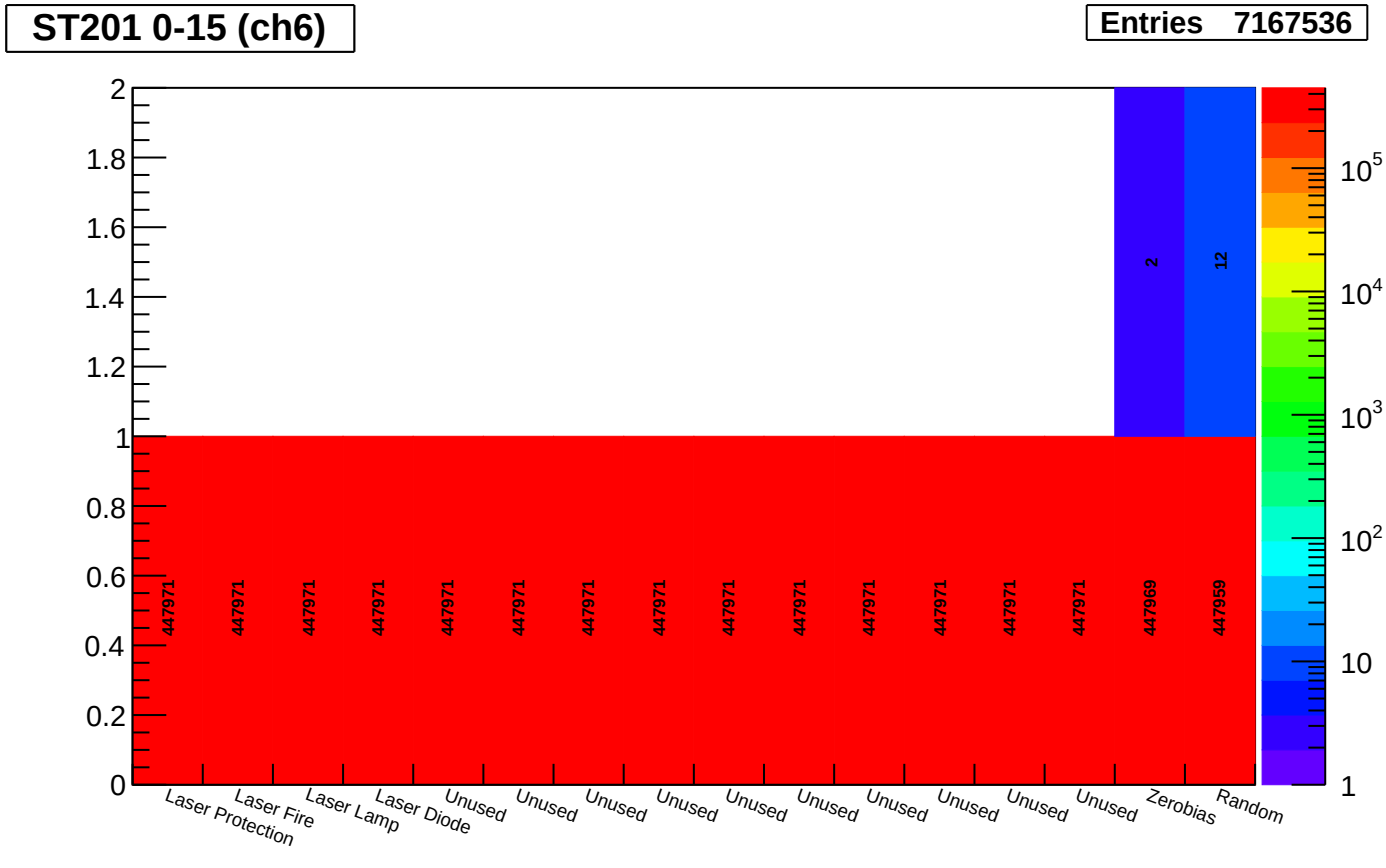

Entries 447971
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

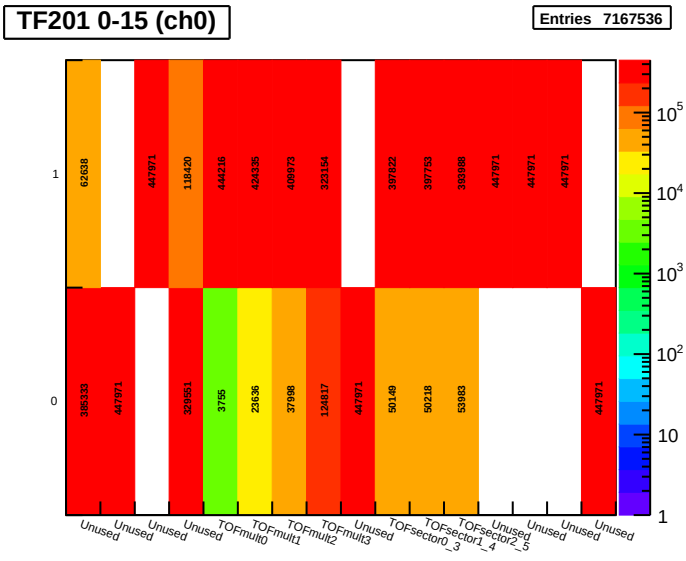

Entries 447971
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

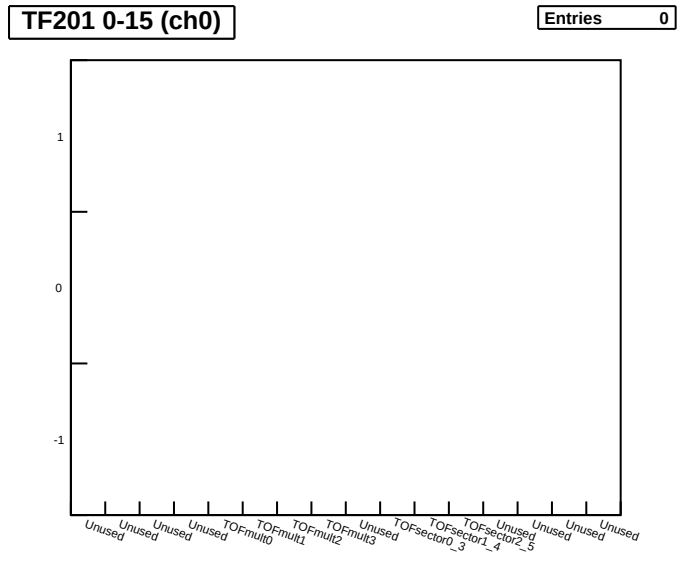

Entries 447971
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

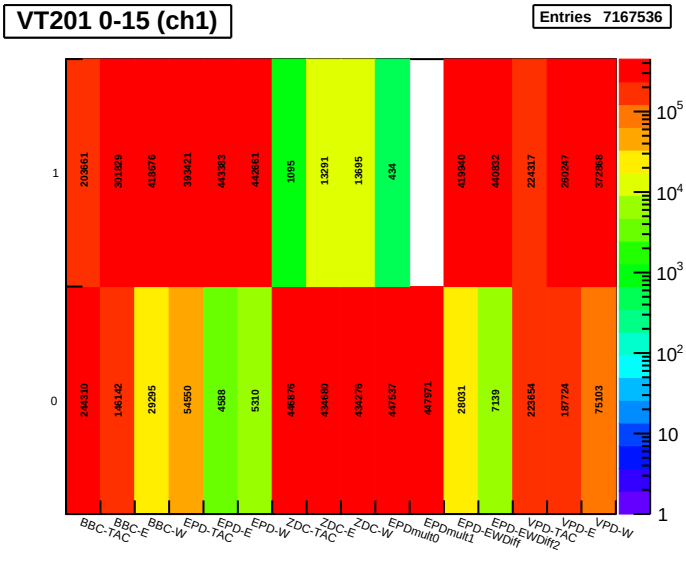

Entries 447971
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

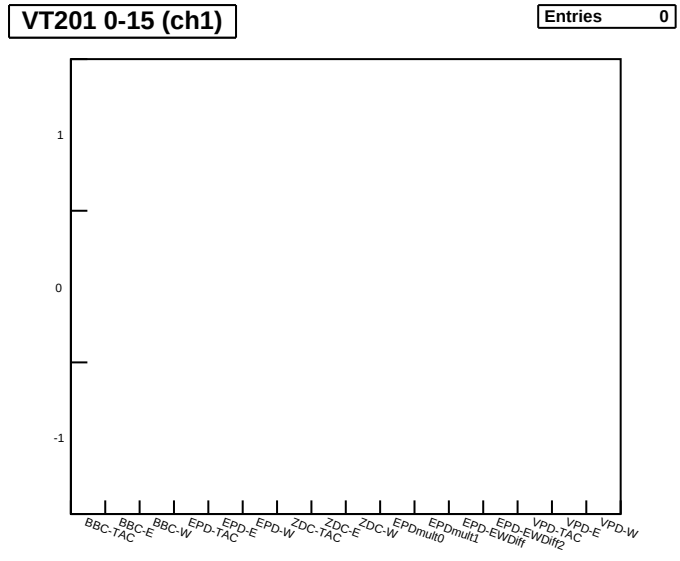

Laser Input Bits
Entries 447971
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

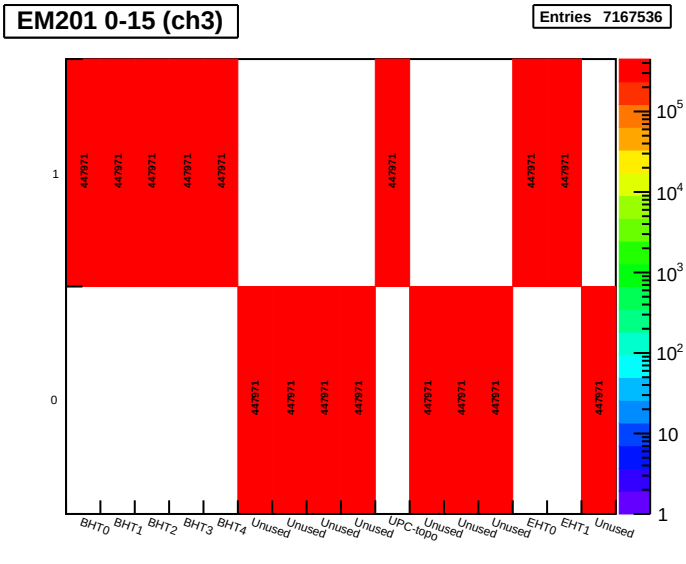

ST201 0-15 (ch6)
Entries 7167536
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447969
447959
2
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

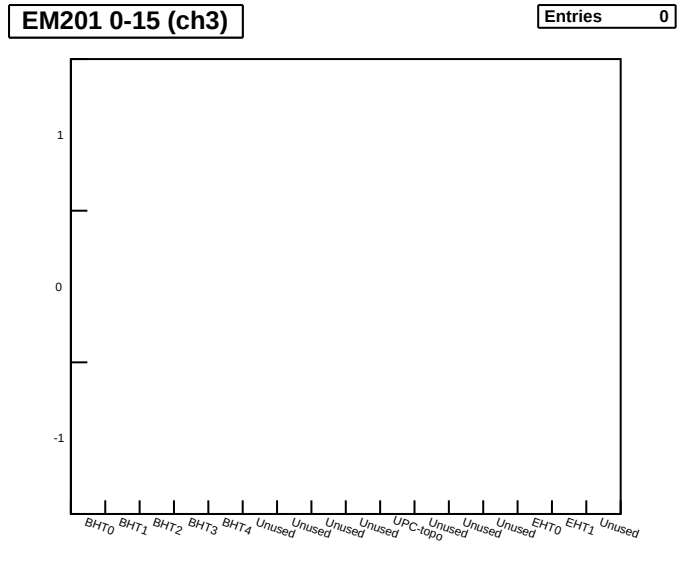

TF201 0-15 (ch0)
Entries 7167536
1
0
62638
447971
118420
444216
424335
409973
323154
397822
397753
383988
447971
447971
447971
385333
447971
329551
3755
23636
37998
124817
447971
50149
50218
53983
447971
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7167536
1
0
203661
301829
418676
393421
443383
442661
1095
13291
13695
434
419940
440832
224317
260247
372868
244310
146142
29295
54560
4588
5310
446876
434680
434276
447537
447971
28031
7139
223654
187724
75103
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 7167536
1
0
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
447971
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