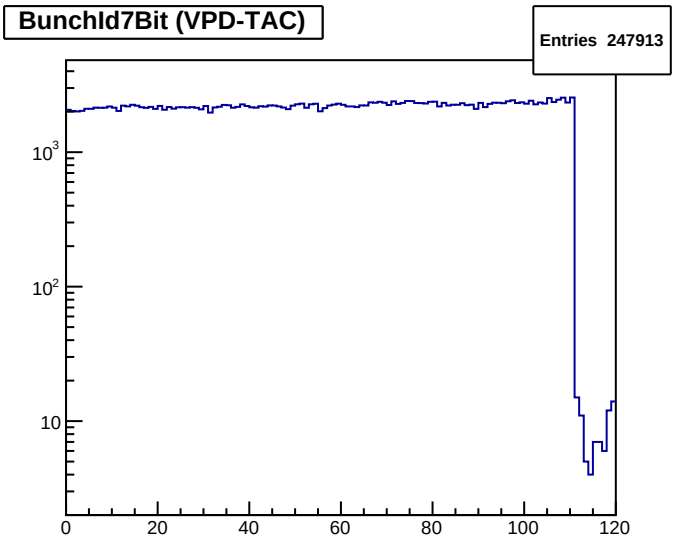
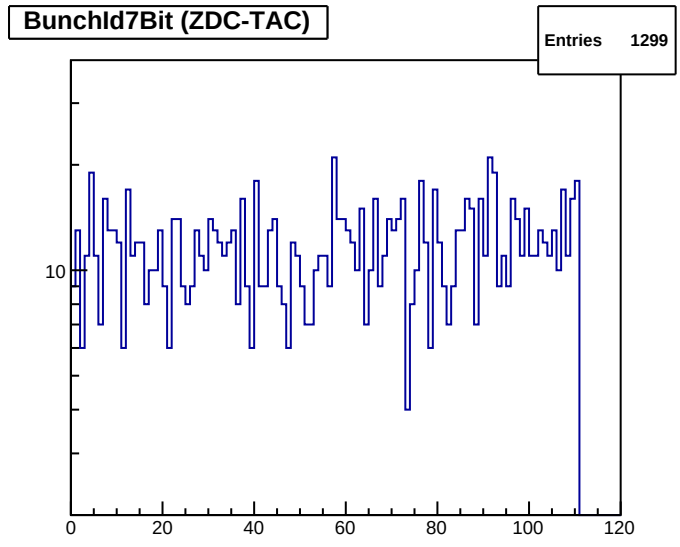
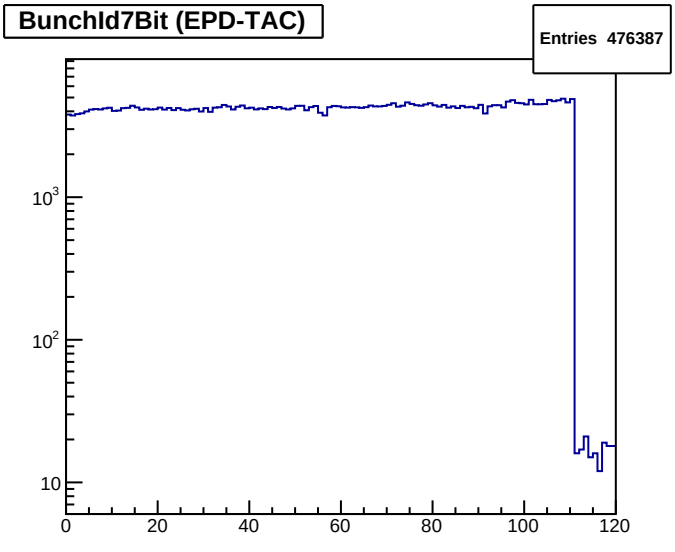
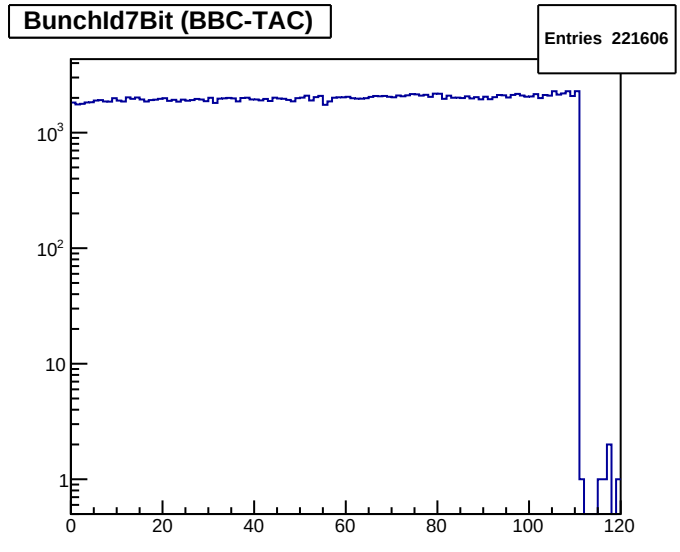
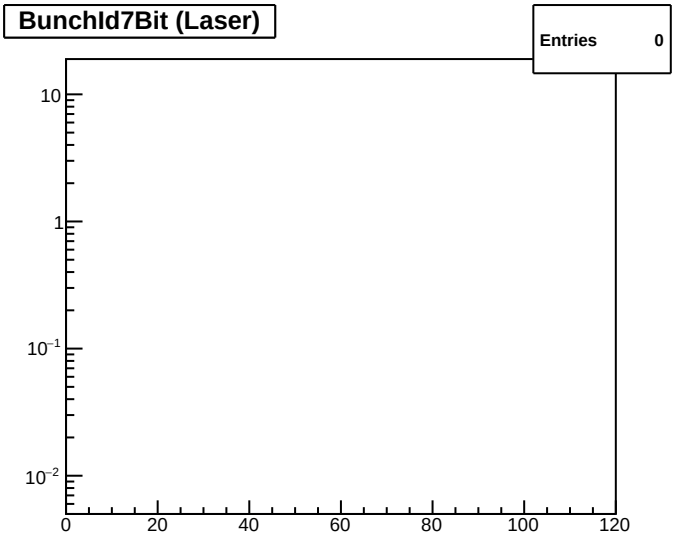
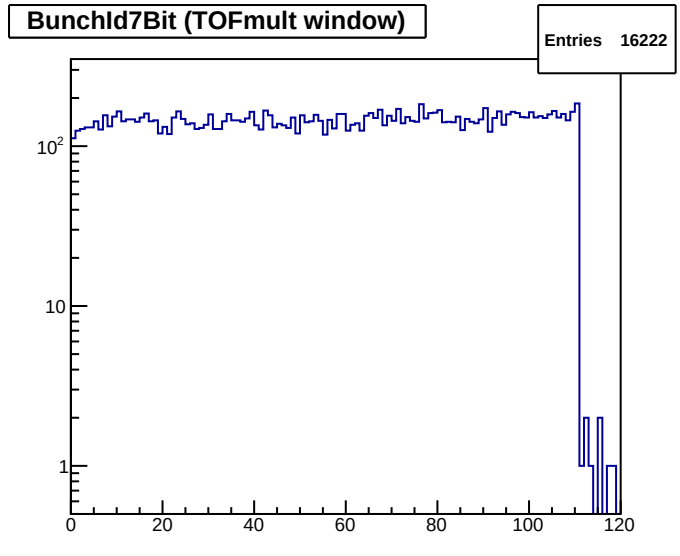

BunchId7Bit (VPD-TAC)
Entries 247913

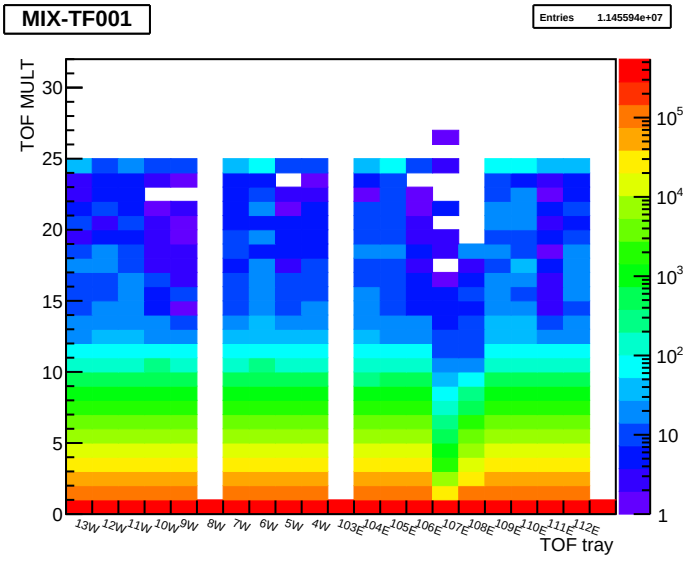

BunchId7Bit (ZDC-TAC)
Entries 1299

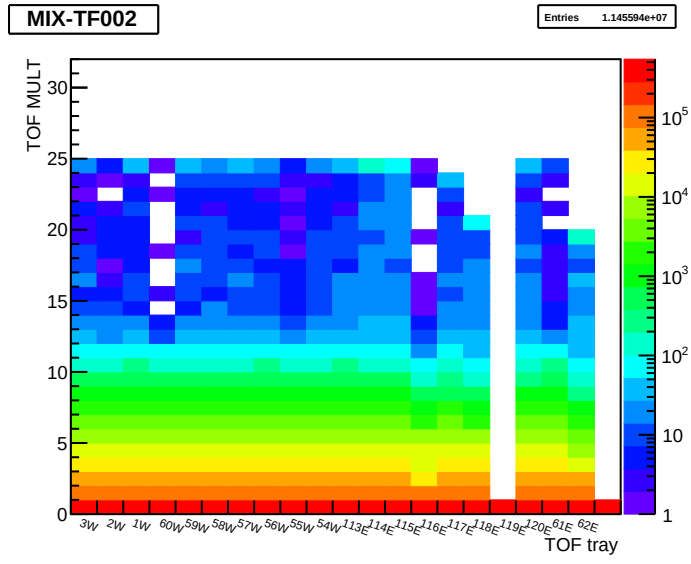

BunchId7Bit (EPD-TAC)
Entries 476387

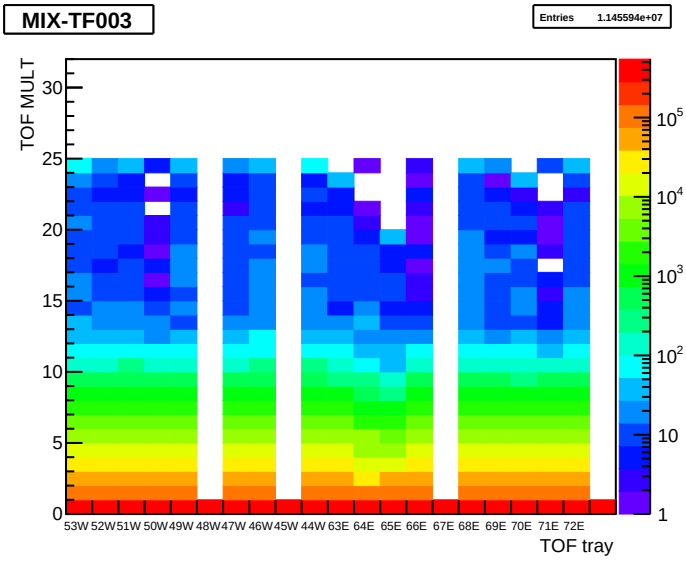

BunchId7Bit (BBC-TAC)
Entries 221606

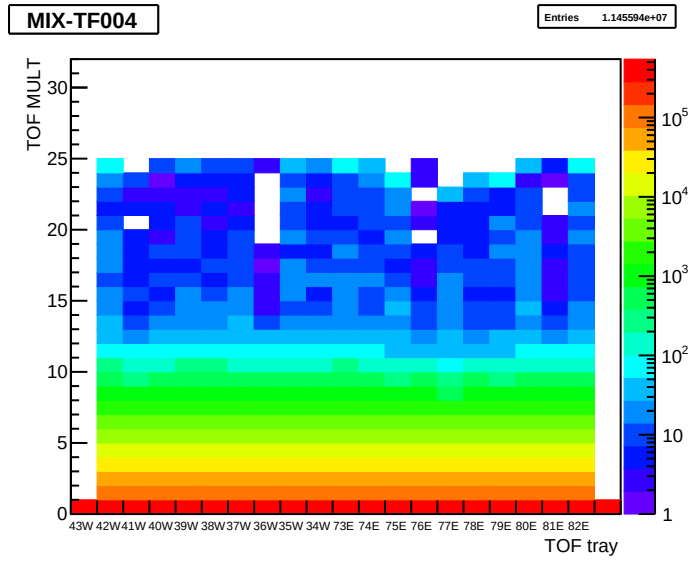

BunchId7Bit (Laser)
Entries 0

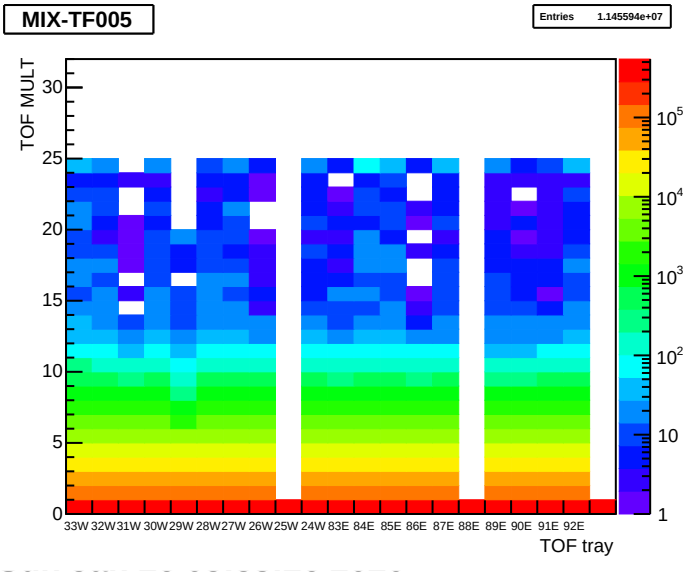

BunchId7Bit (TOFmult window)
Entries 16222

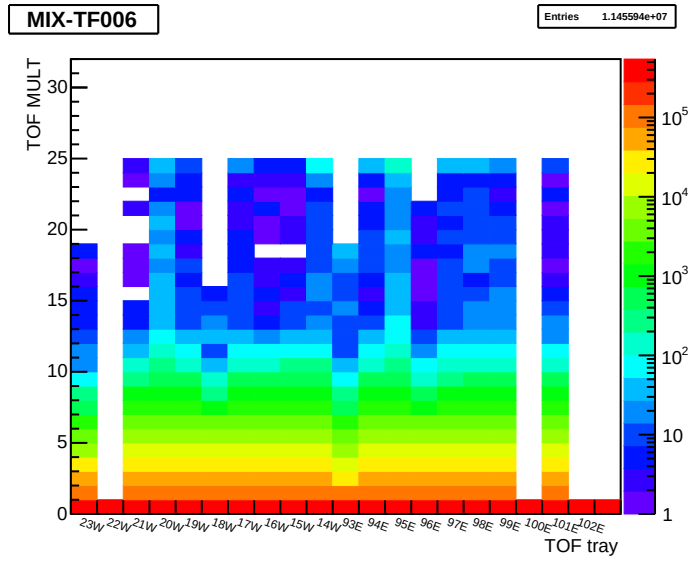

MIX-TF001
Entries 1.145594e+07
TOF MULT
TOF tray

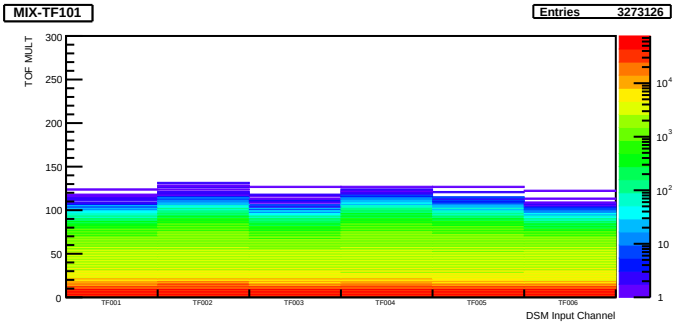

MIX-TF002
Entries 1.145594e+07
TOF MULT
TOF tray

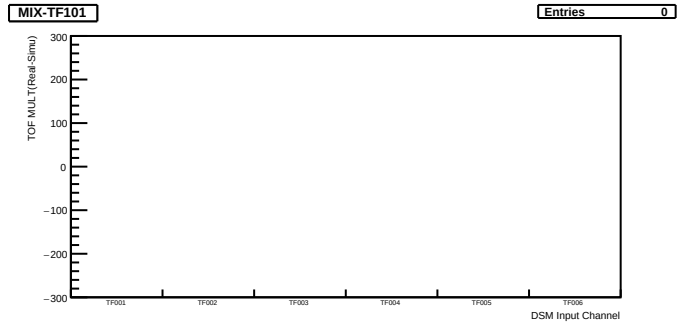

MIX-TF003
Entries 1.145594e+07
TOF MULT
TOF tray

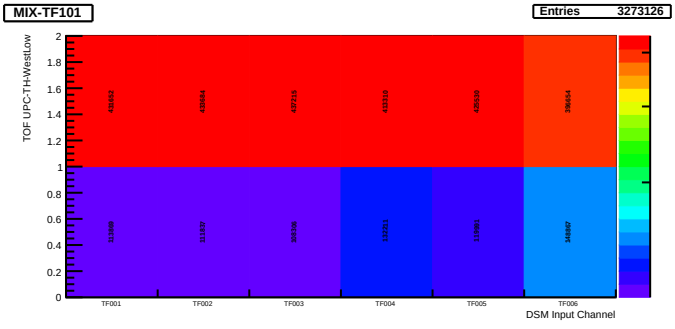

MIX-TF004
Entries 1.145594e+07
TOF MULT
TOF tray

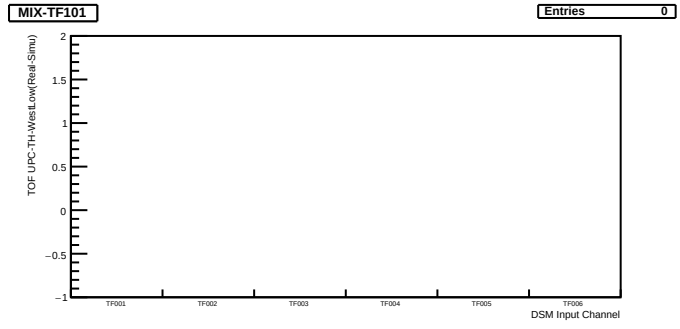

MIX-TF005
Entries 1.145594e+07
TOF MULT
TOF tray

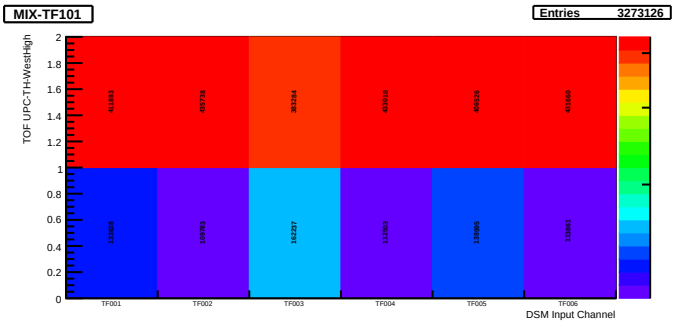

MIX-TF006
Entries 1.145594e+07
TOF MULT
TOF tray

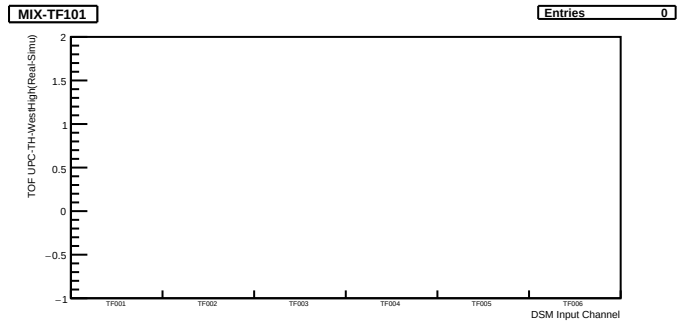

MIX-TF101
Entries 3273126
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

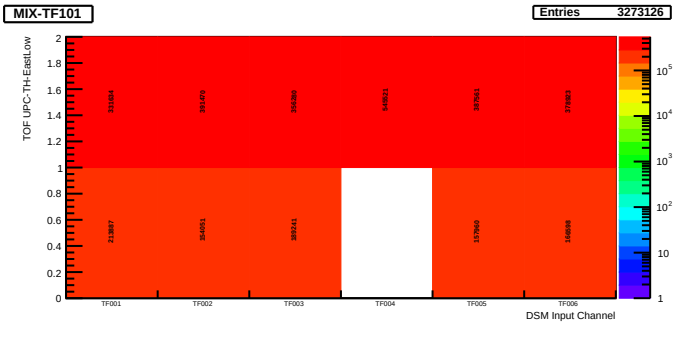

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

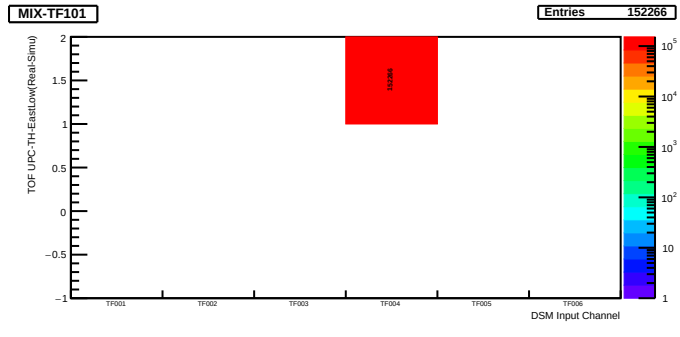

MIX-TF101
Entries 3273126
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

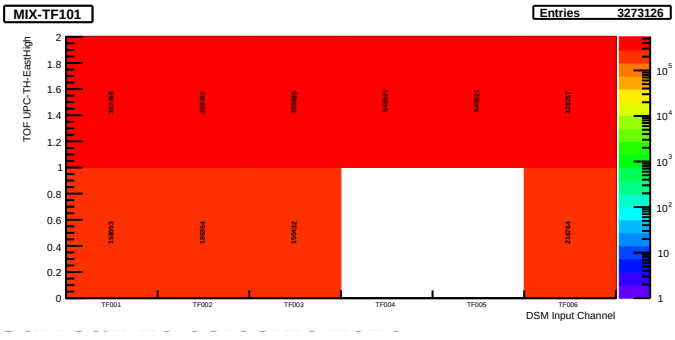

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

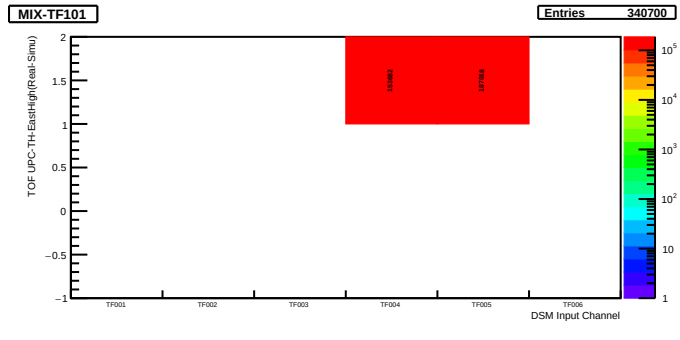

MIX-TF101
Entries 3273126
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

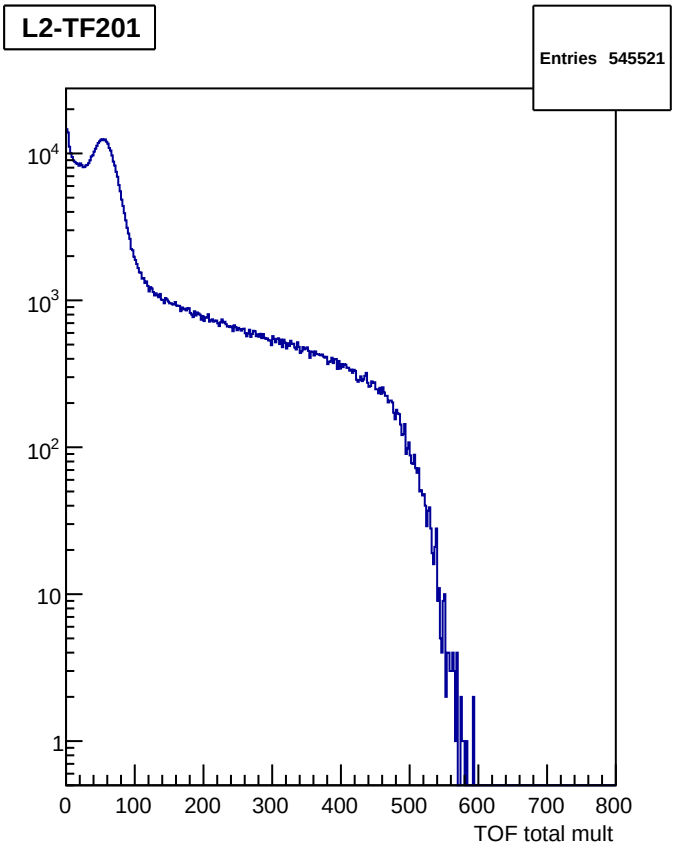

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

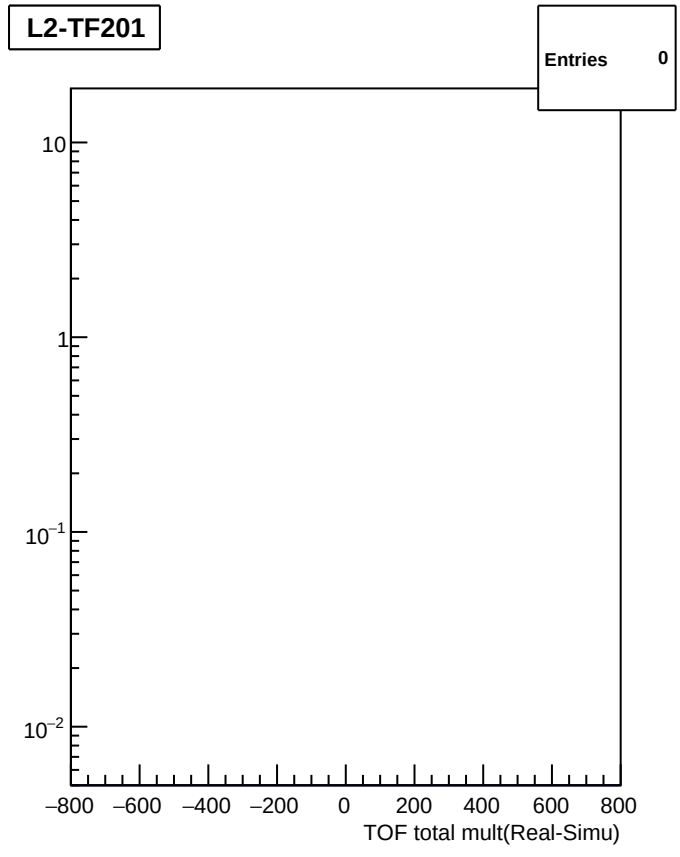

MIX-TF101
Entries 3273126
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

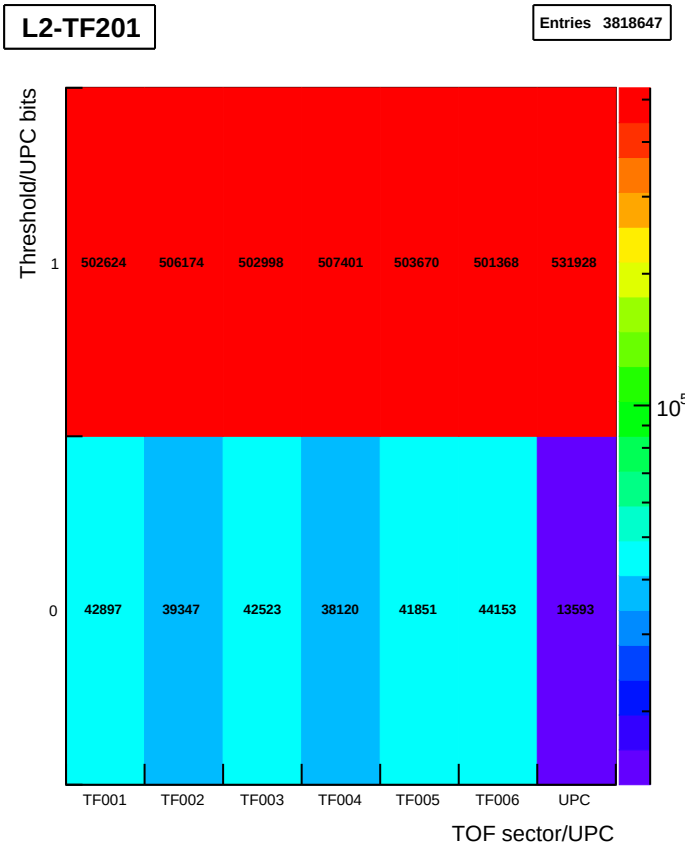

MIX-TF101
Entries 152266
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

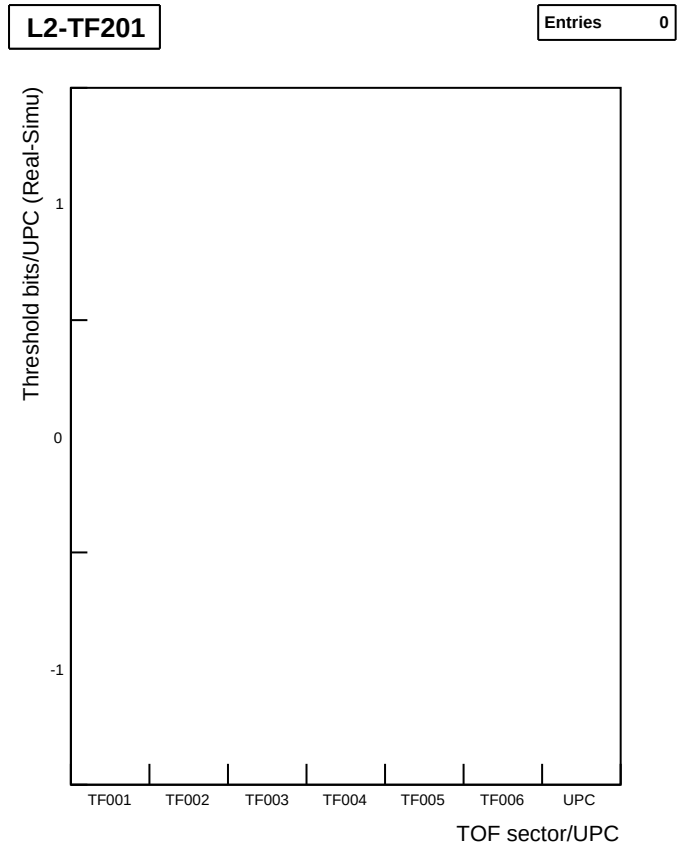

MIX-TF101
Entries 3273126
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

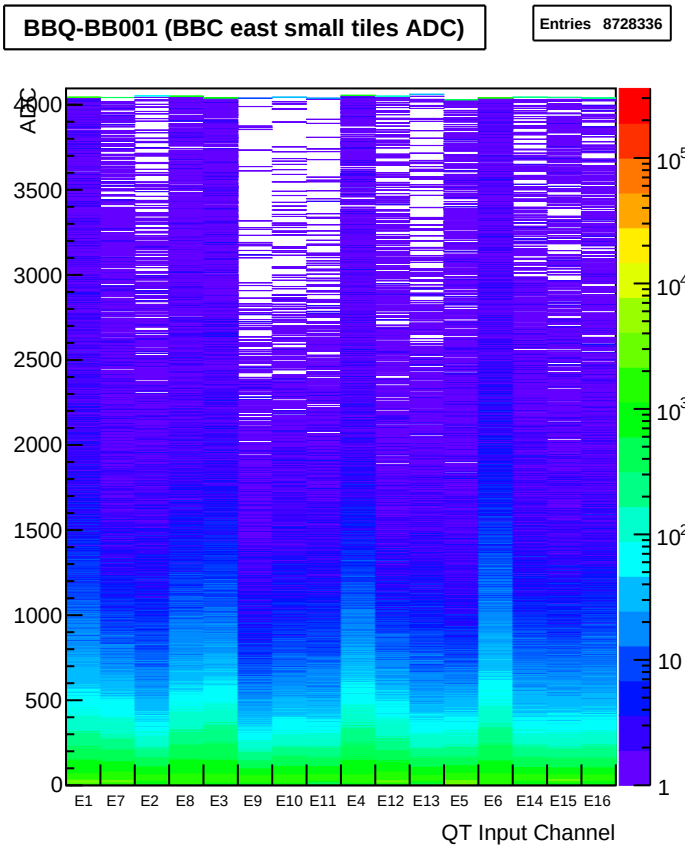

MIX-TF101
Entries 340700
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

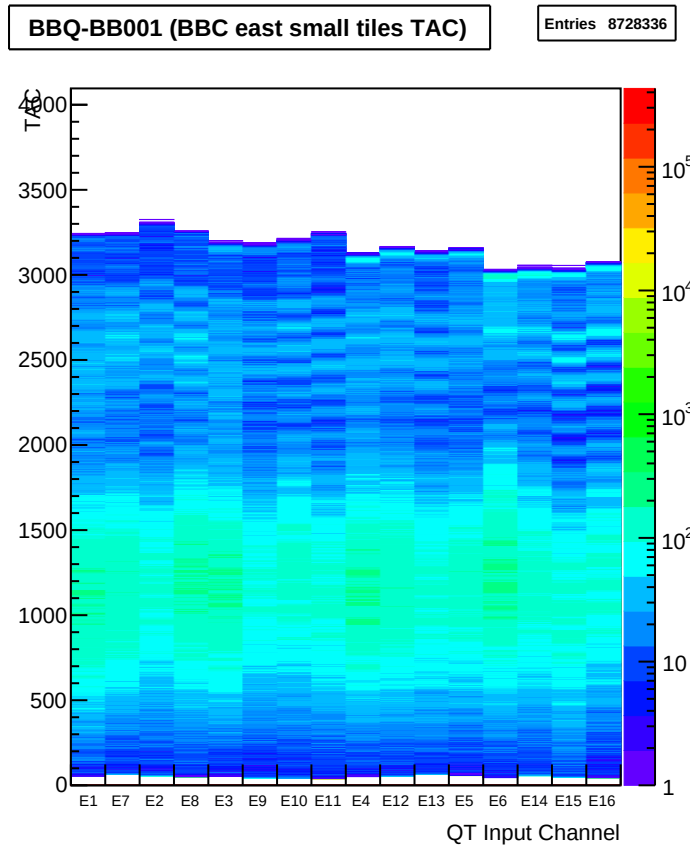

L2-TF201
Entries 545521
TOF total mult

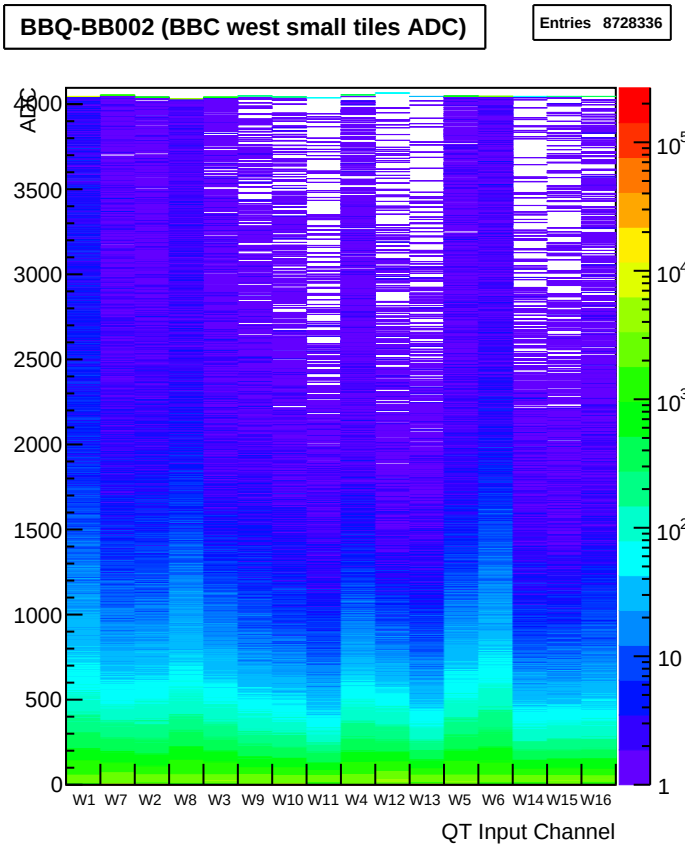

L2-TF201
Entries 0
TOF total mult(Real-Simu)

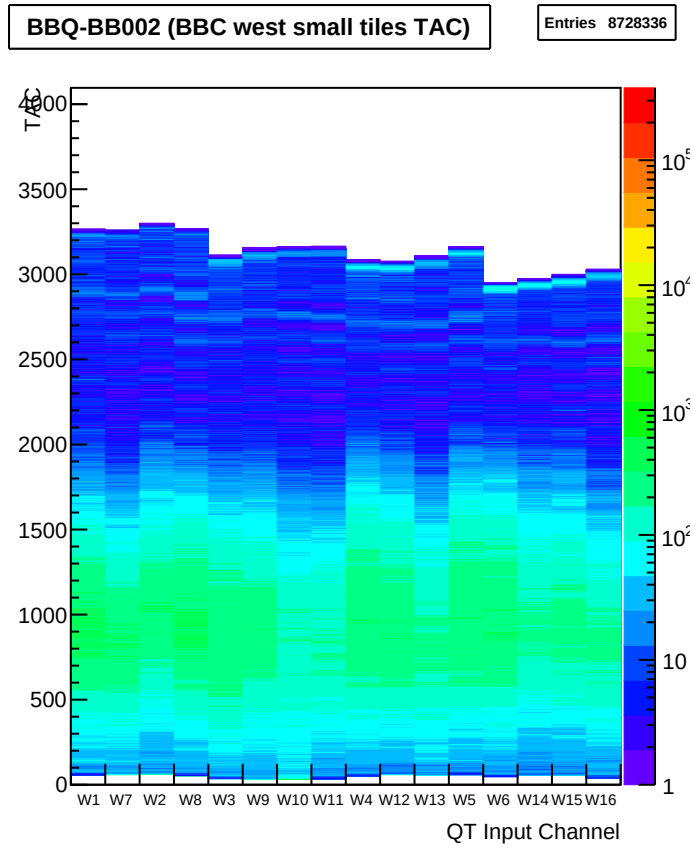

L2-TF201
Entries 3818647
Threshold/UPC bits
502624
506174
502998
507401
503670
501368
531928
42897
39347
42523
38120
41851
44153
13593
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

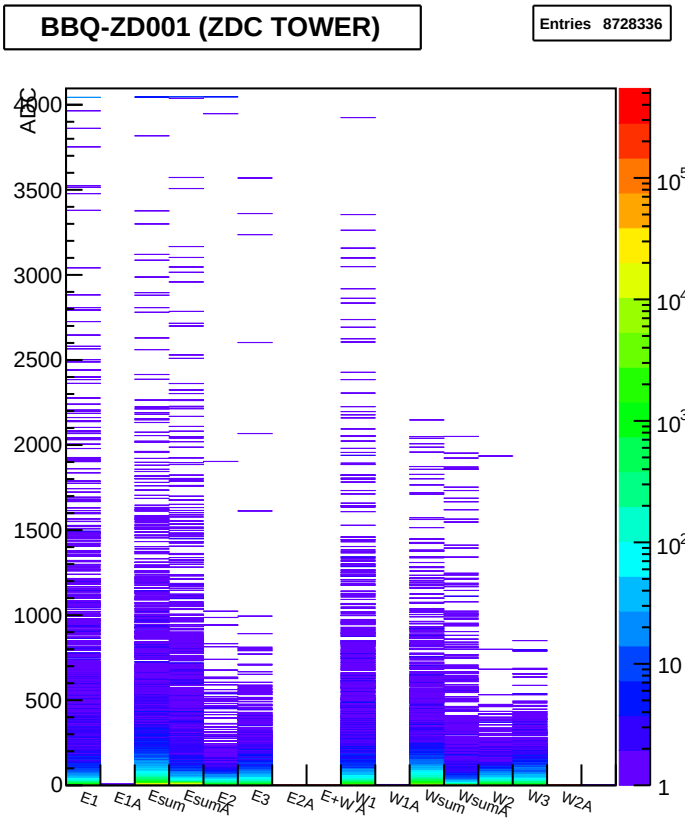

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

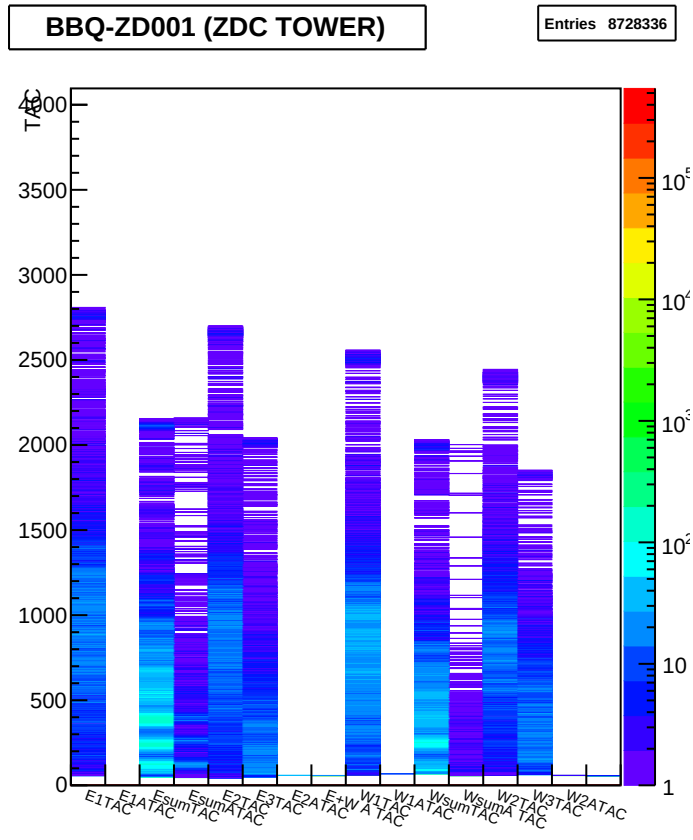

BBQ-BB001 (BBC east small tiles ADC)
Entries 8728336
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

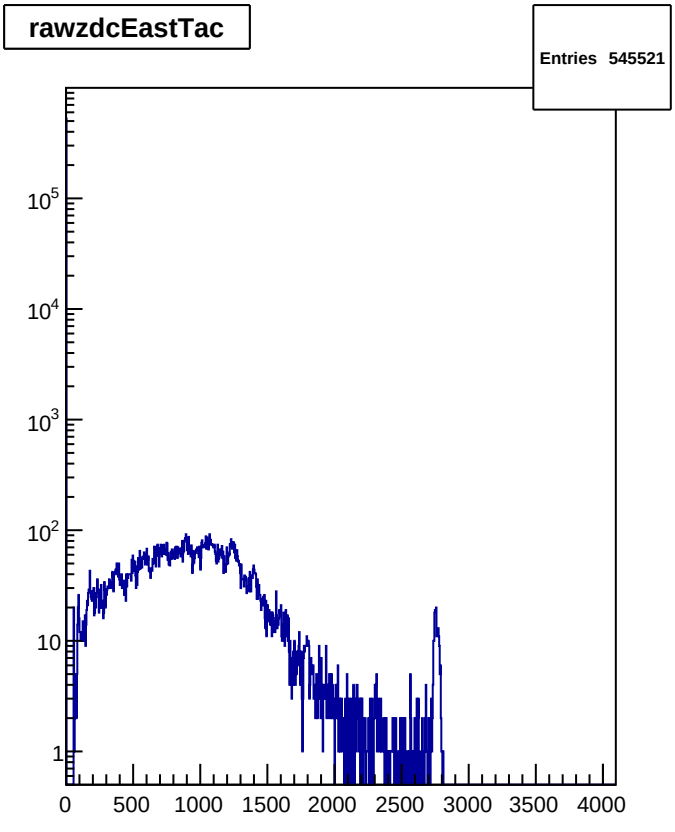

BBQ-BB001 (BBC east small tiles TAC)
Entries 8728336
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

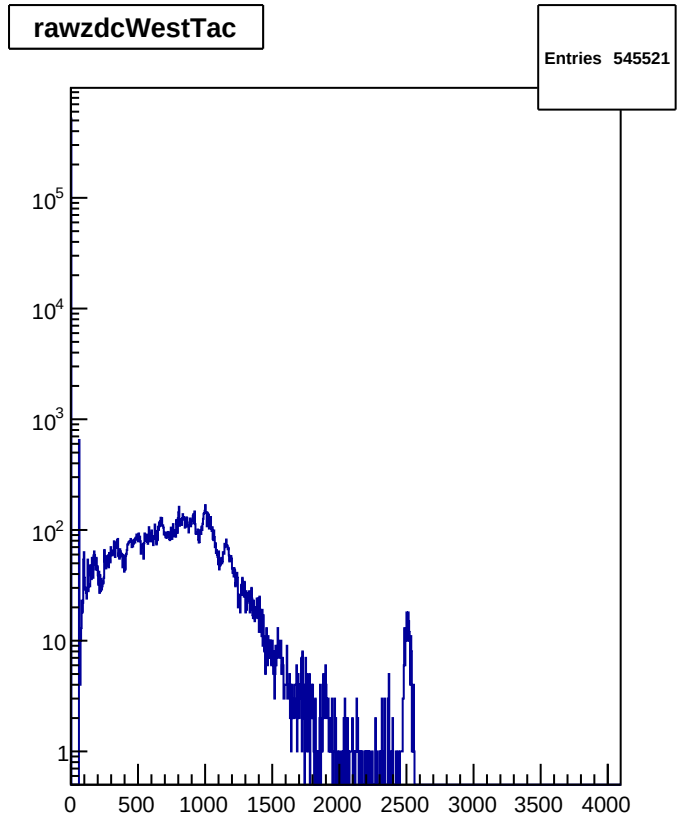

BBQ-BB002 (BBC west small tiles ADC)
Entries 8728336
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

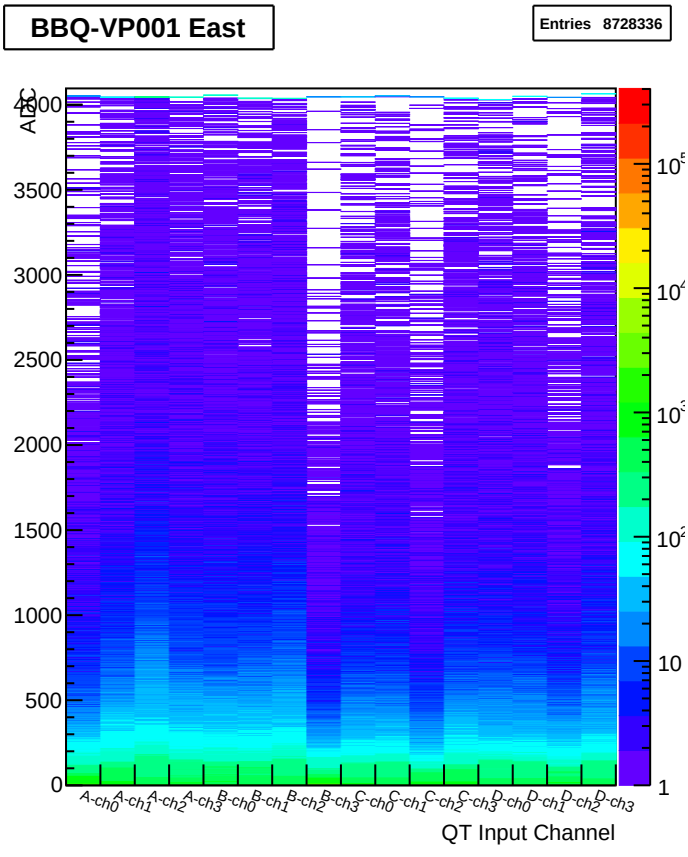

BBQ-BB002 (BBC west small tiles TAC)
Entries 8728336
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

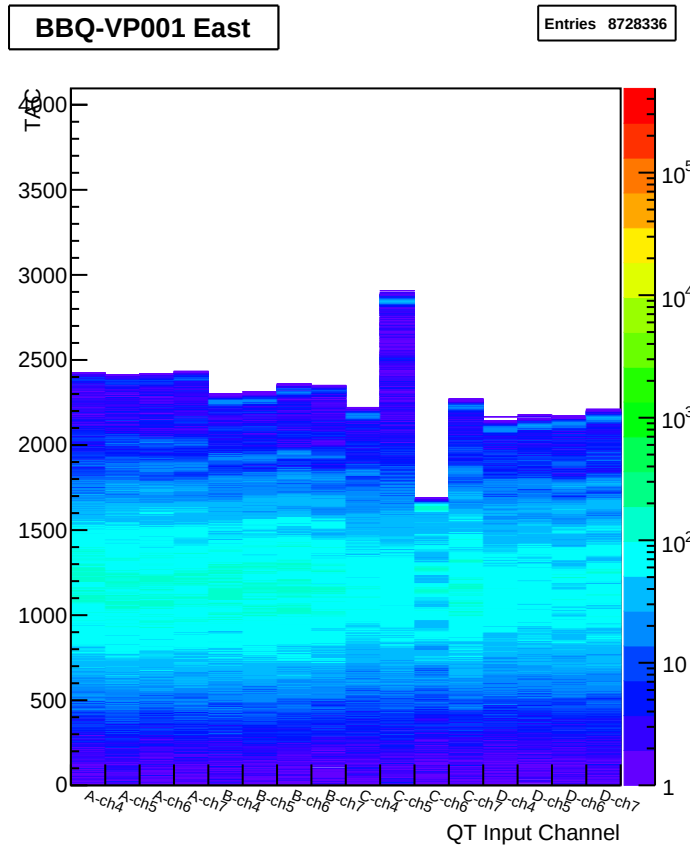

BBQ-ZD001 (ZDC TOWER)
Entries 8728336
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

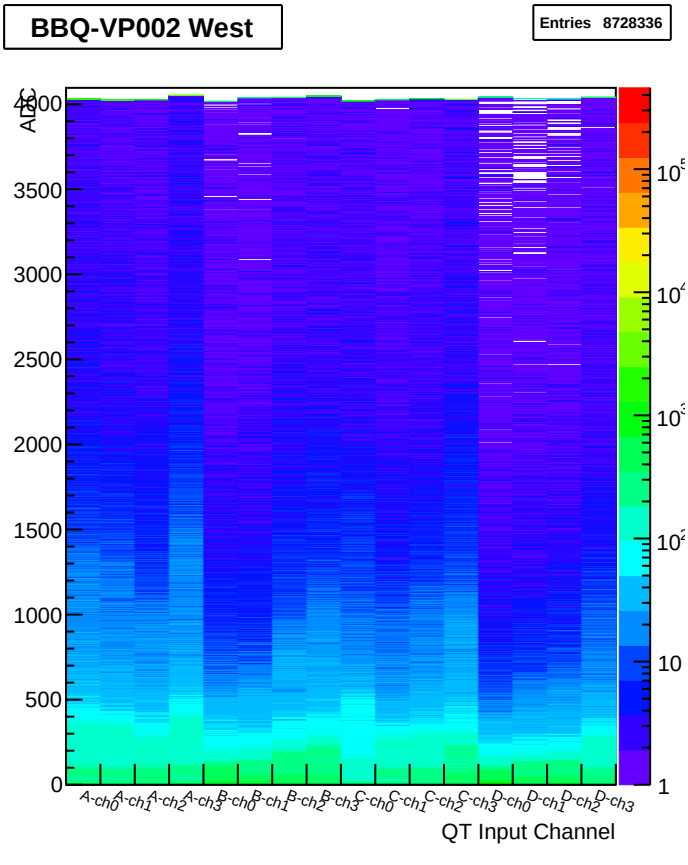

BBQ-ZD001 (ZDC TOWER)
Entries 8728336
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

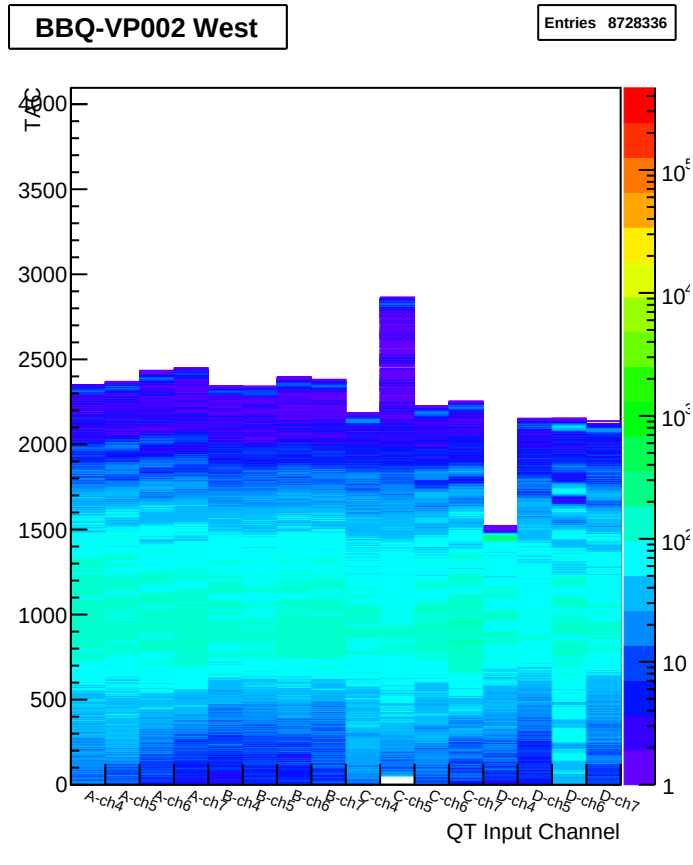

rawzdcEastTac
Entries 545521

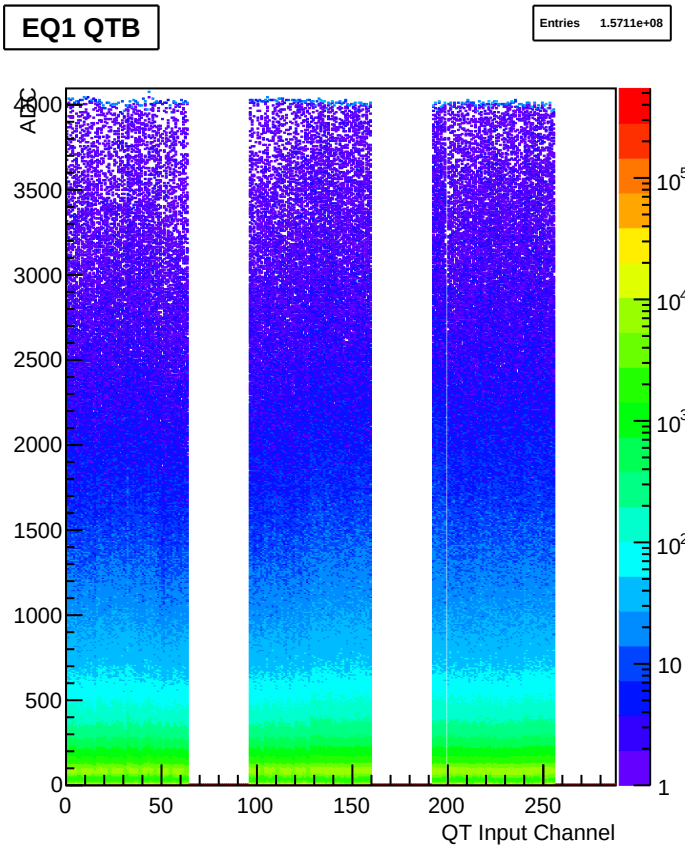

rawzdcWestTac
Entries 545521

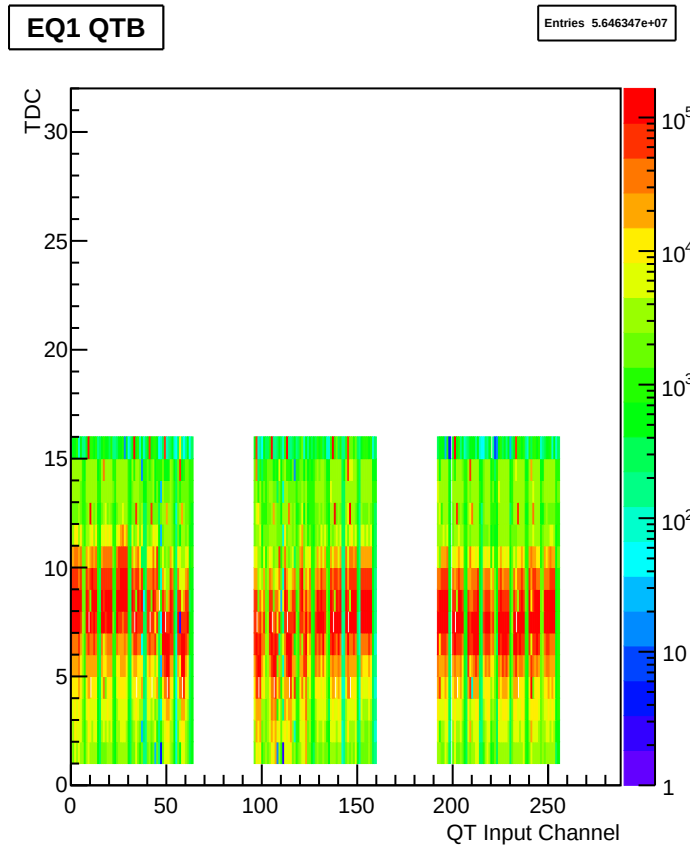

BBQ-VP001 East
Entries 8728336
ADC
QT Input Channel

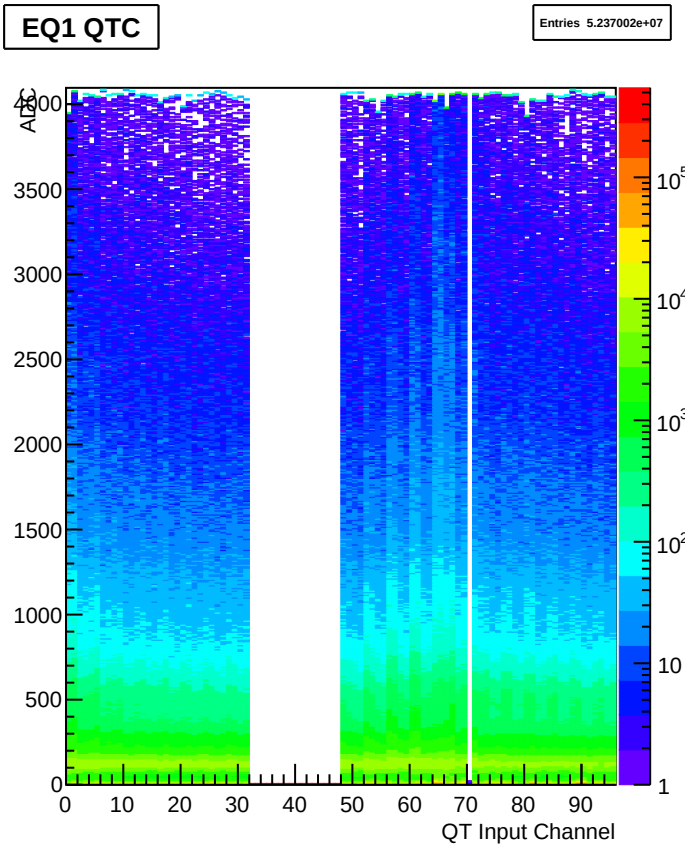

BBQ-VP001 East
Entries 8728336
ADC
QT Input Channel

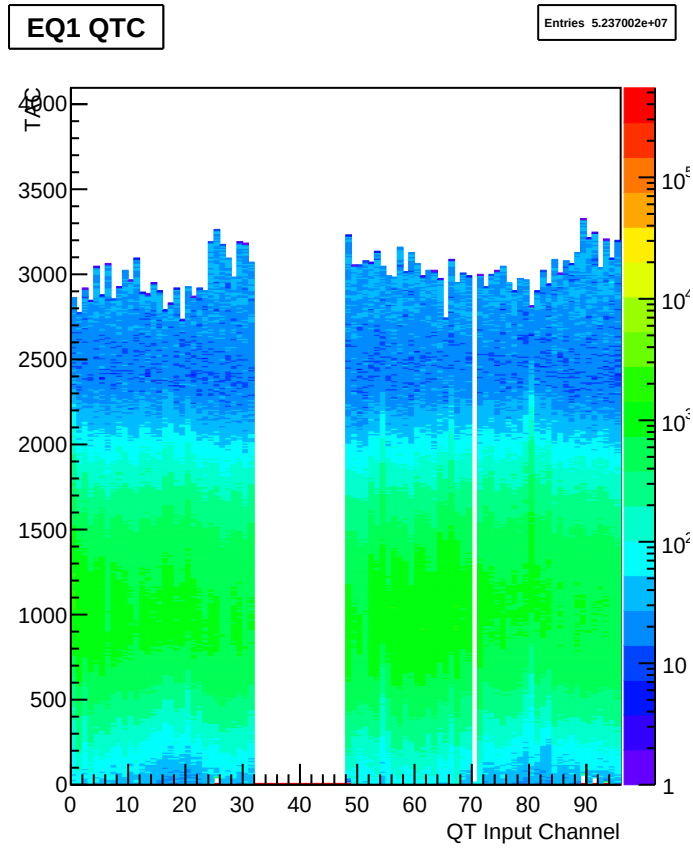

BBQ-VP002 West
Entries 8728336
ADC
QT Input Channel

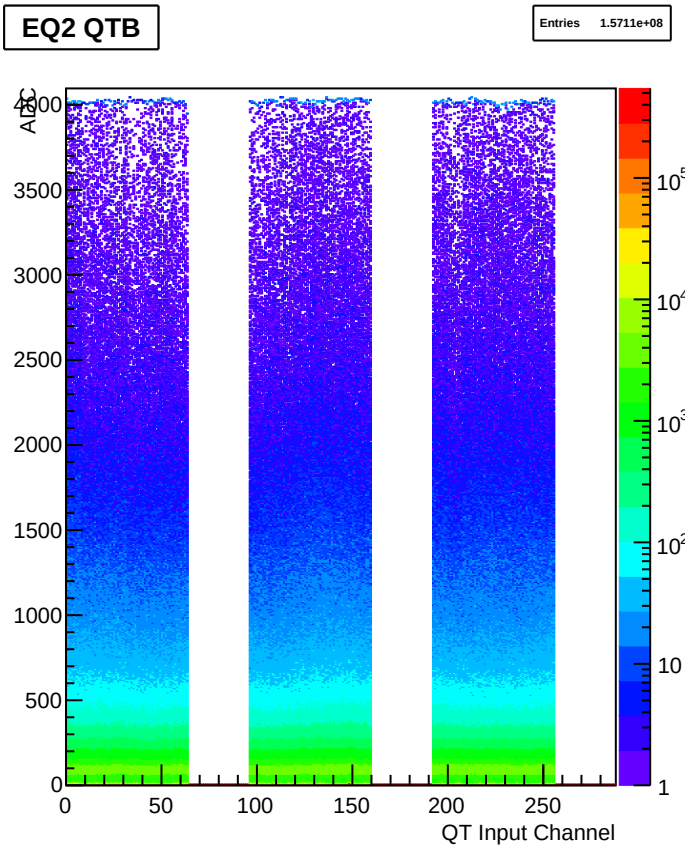

BBQ-VP002 West
Entries 8728336
ADC
QT Input Channel

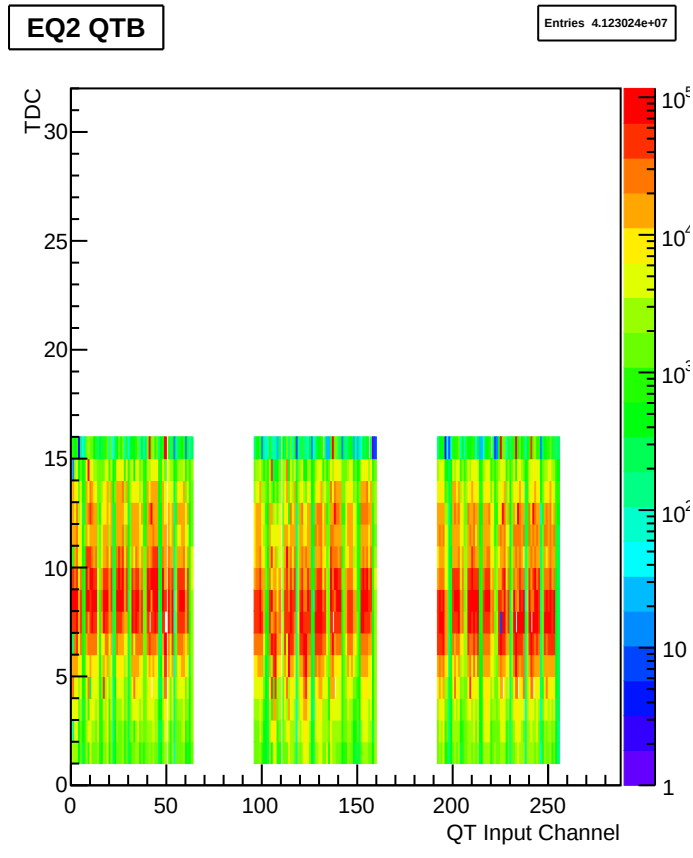

EQ1 QTB
Entries 1.5711e+08
ADC
QT Input Channel

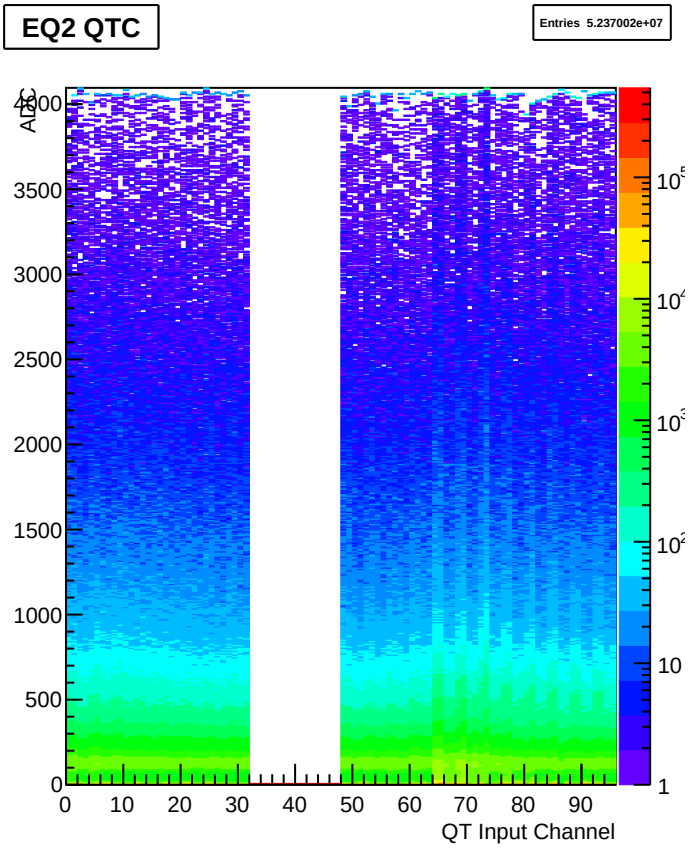

EQ1 QTB
Entries 5.646347e+07
TDC
QT Input Channel

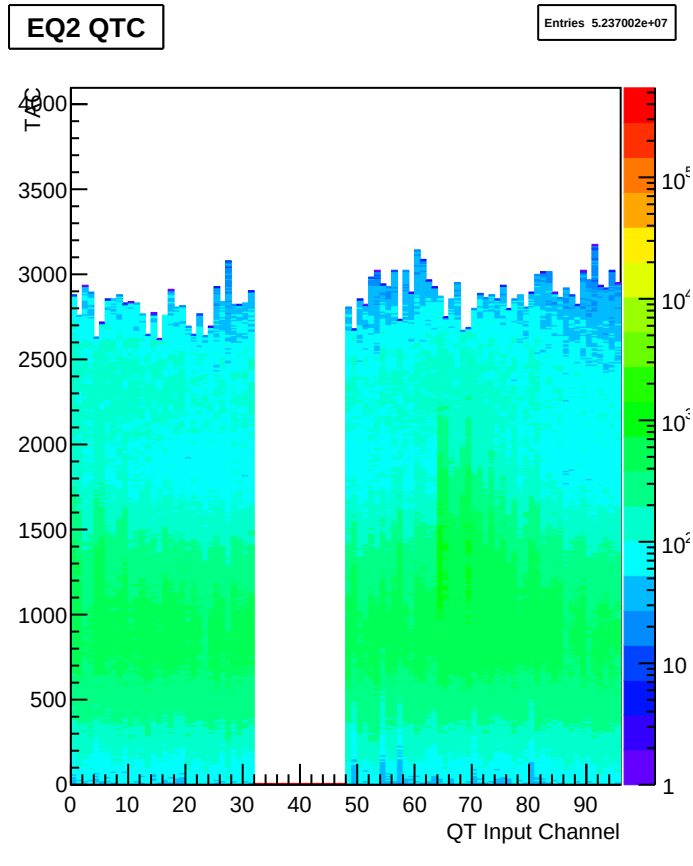

EQ1 QTC
Entries 5.237002e+07
ADC
QT Input Channel

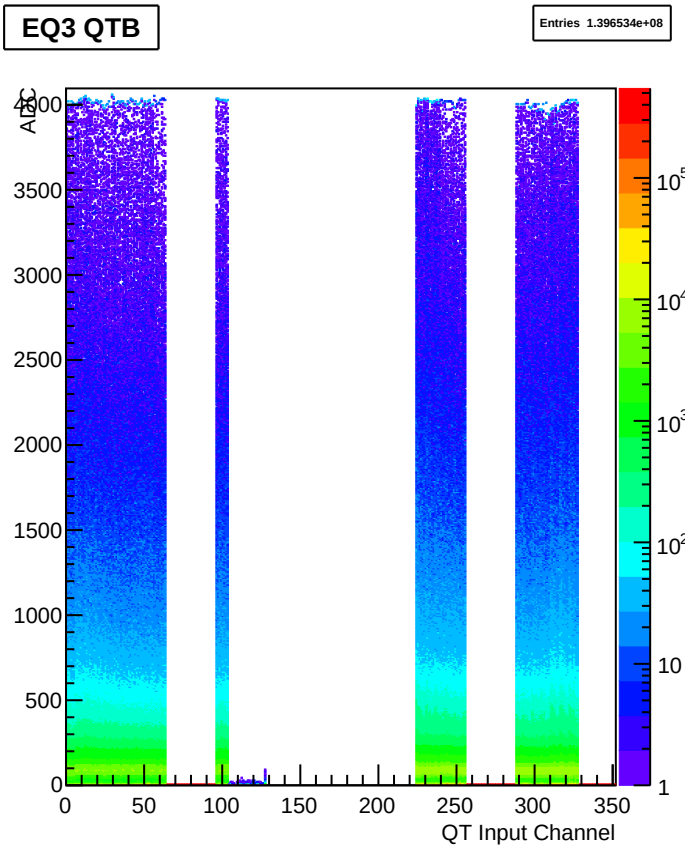

EQ1 QTC
Entries 5.237002e+07
TADC
QT Input Channel

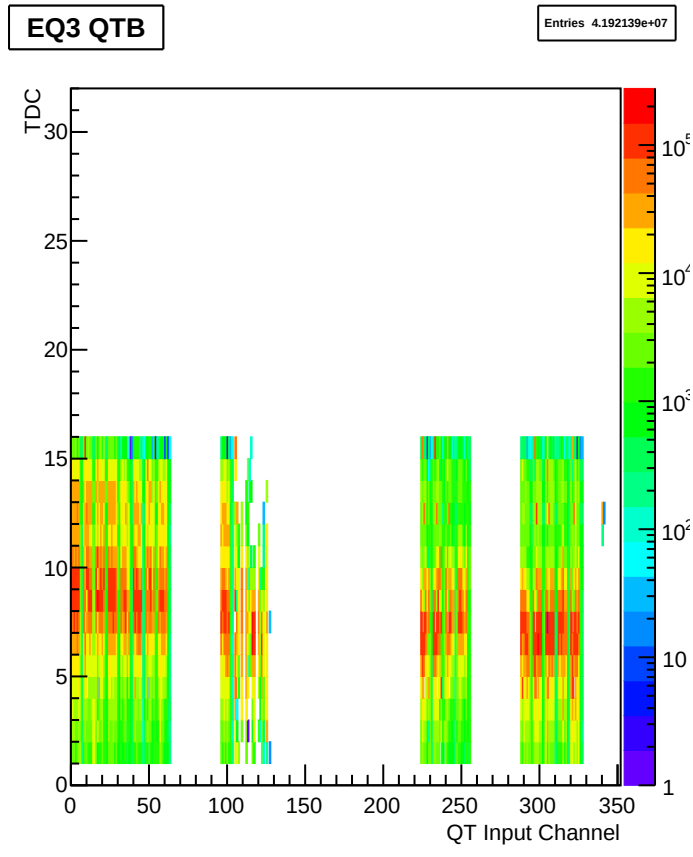

EQ2 QTB
Entries 1.5711e+08
ADC
QT Input Channel

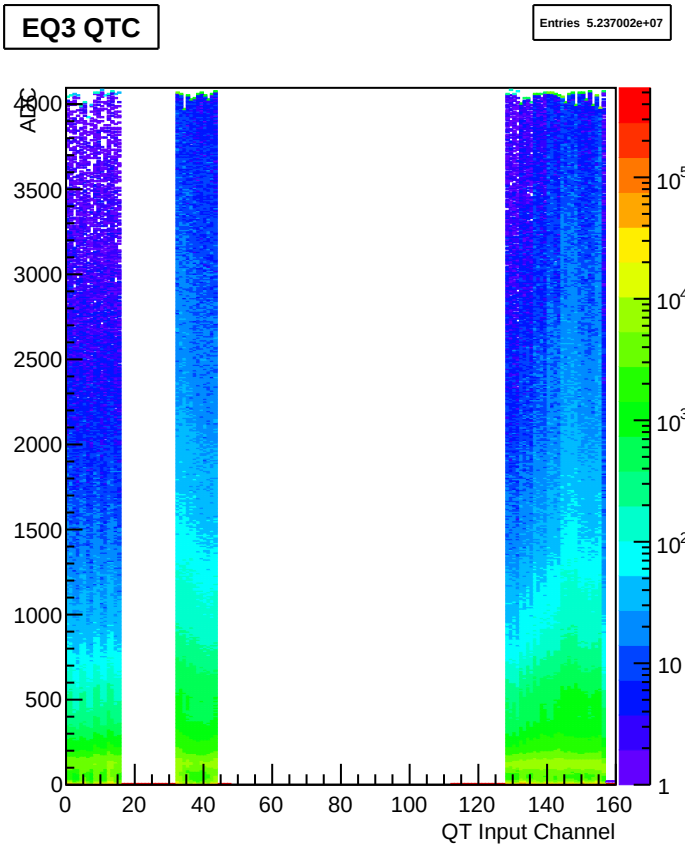

EQ2 QTB
Entries 4.123024e+07
TDC
QT Input Channel

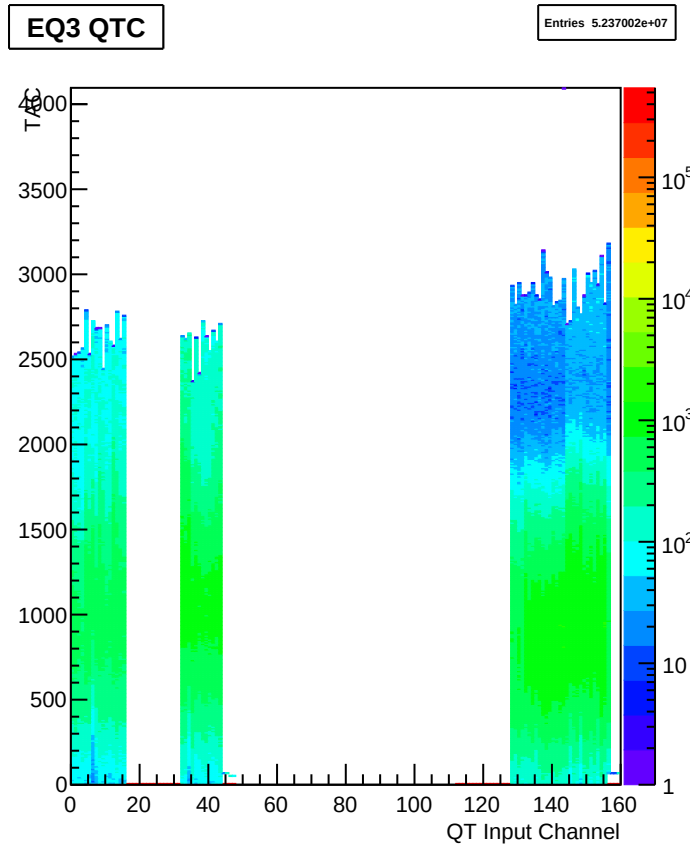

EQ2 QTC
Entries 5.237002e+07
ADC
QT Input Channel

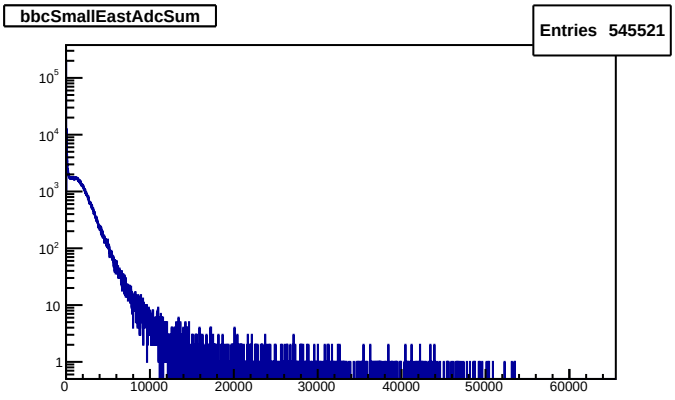

EQ2 QTC
Entries 5.237002e+07
TADC
QT Input Channel

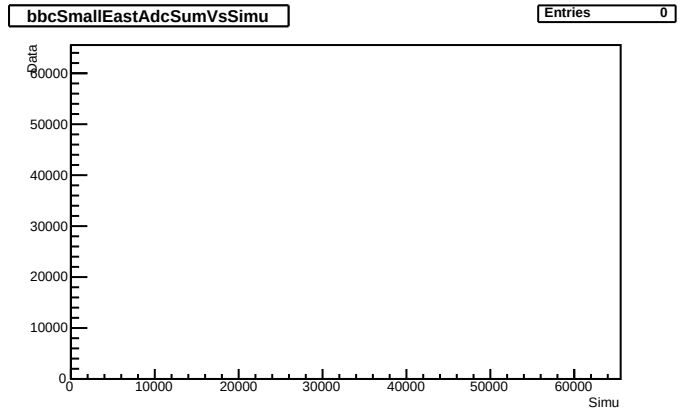

EQ3 QTB
Entries 1.396534e+08
ADC
QT Input Channel

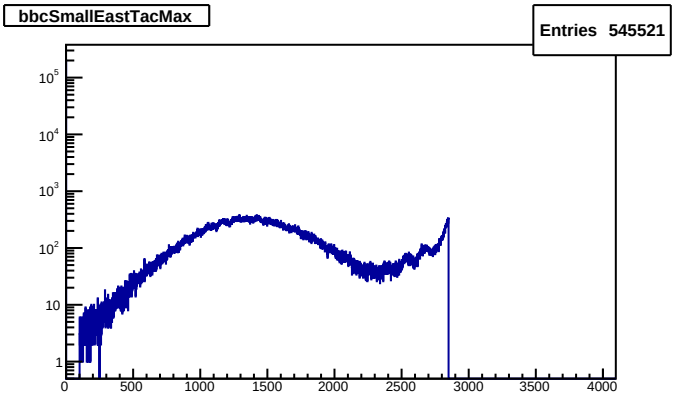

EQ3 QTB
Entries 4.192139e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.237002e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.237002e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 545521


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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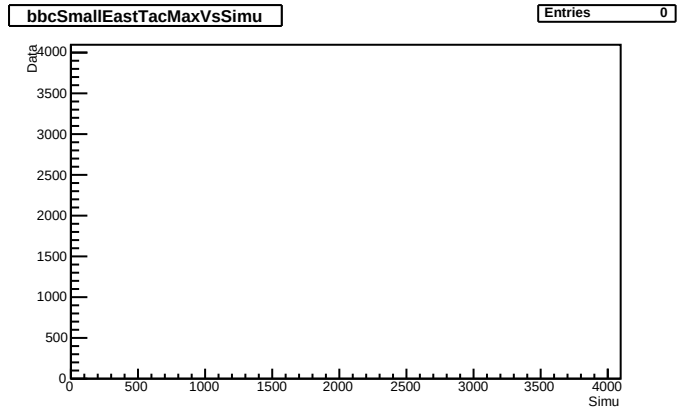
Entries 545521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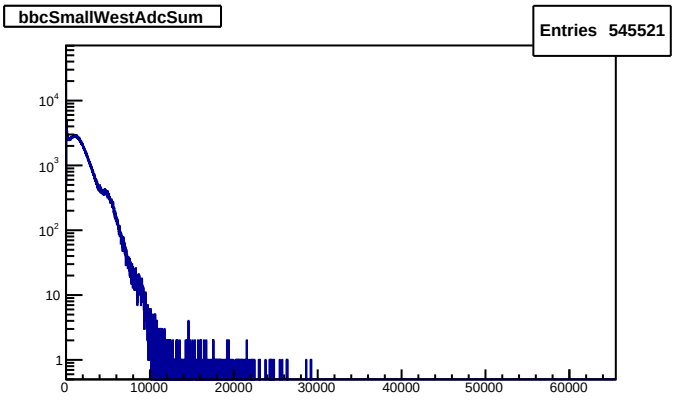
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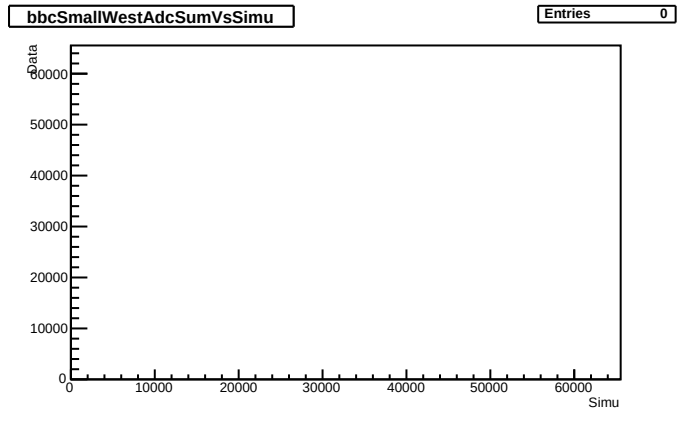
Entries 545521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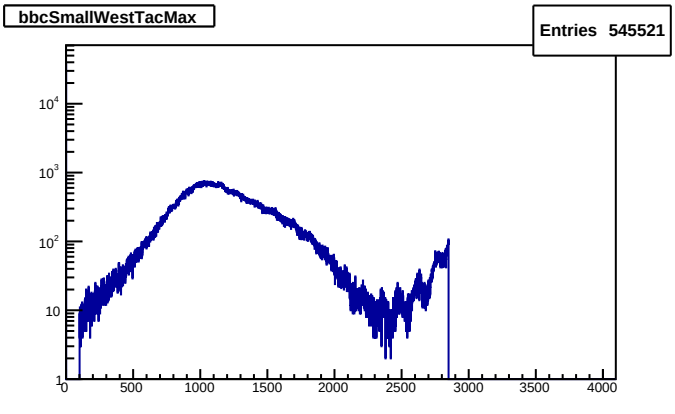
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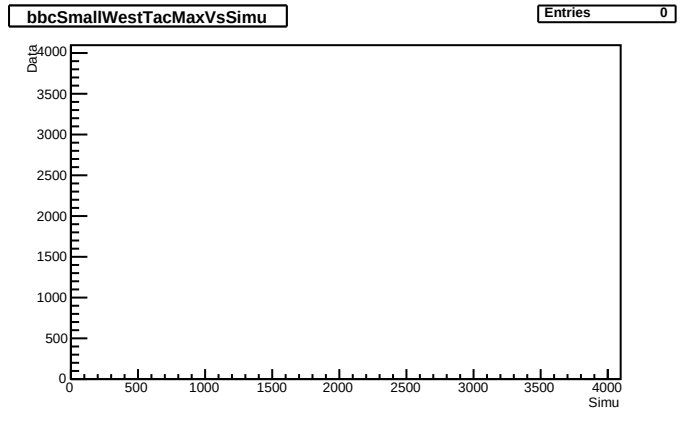
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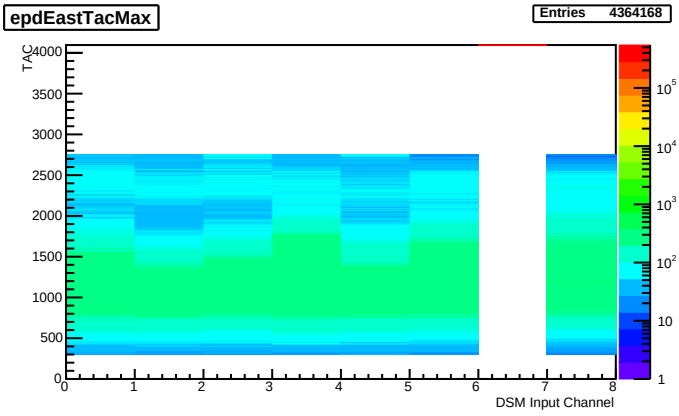
Entries 0
Data
Simu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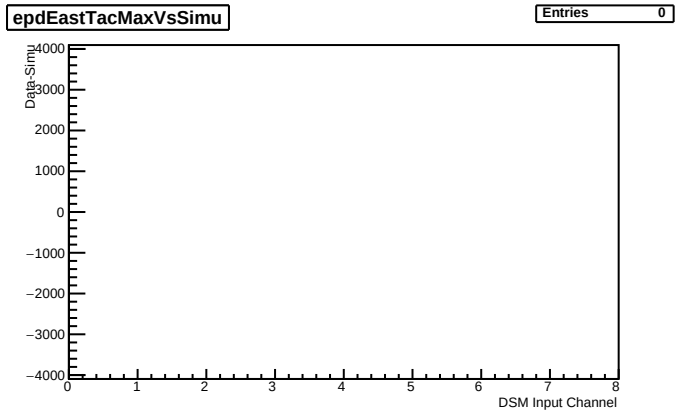
TAC
DSM Input Channel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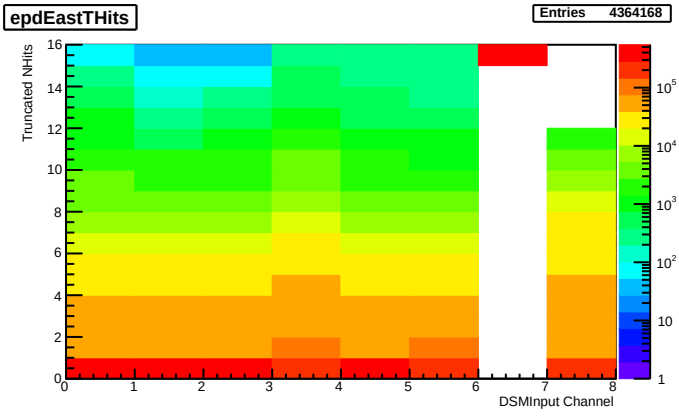
Entries 0
Data-Simu
DSM Input Channel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Entries 4364168
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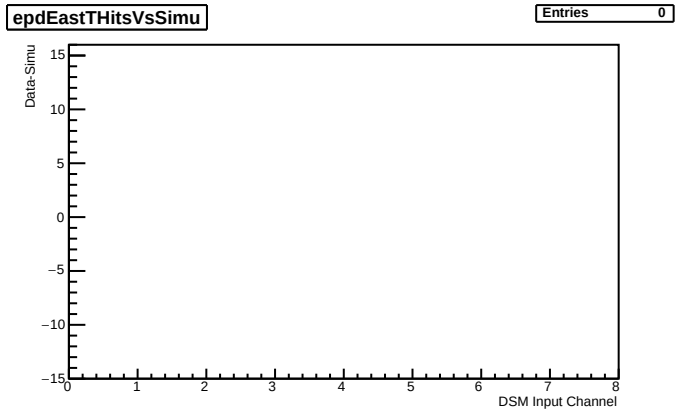
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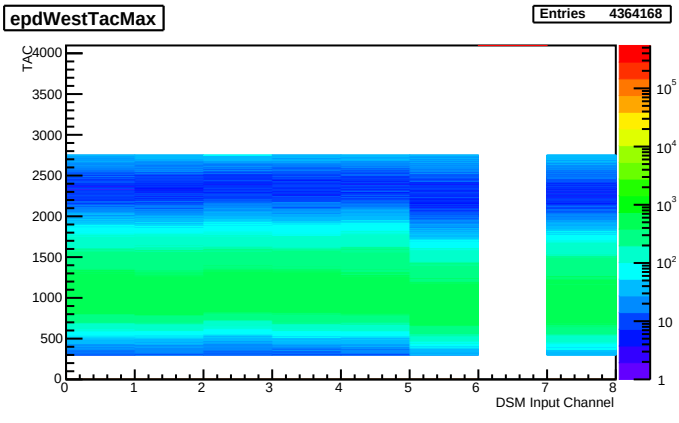
Data-Simu
DSM Input Channel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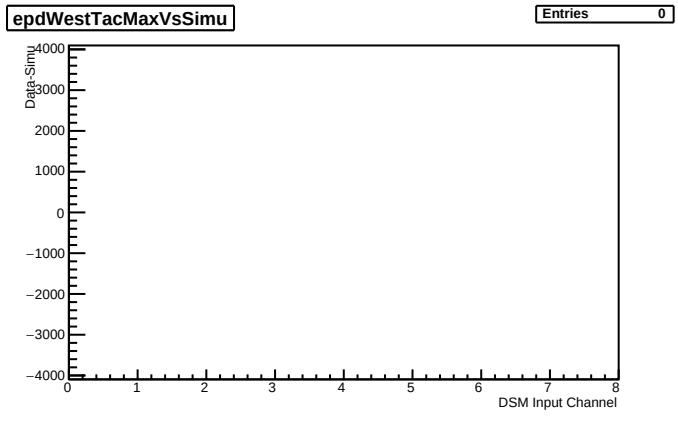
DSM Input Channel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Entries 0
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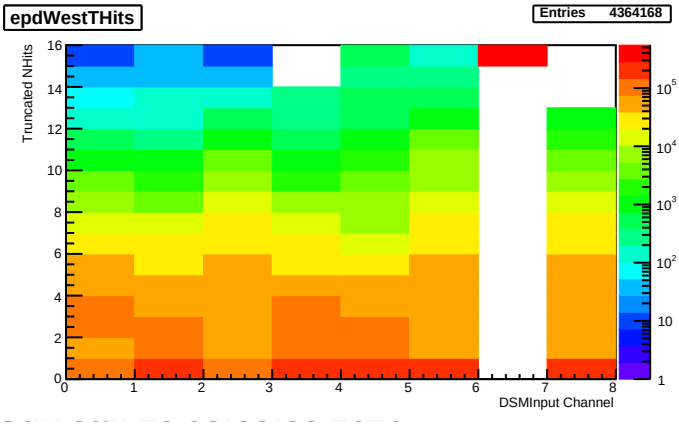
DSM Input Channel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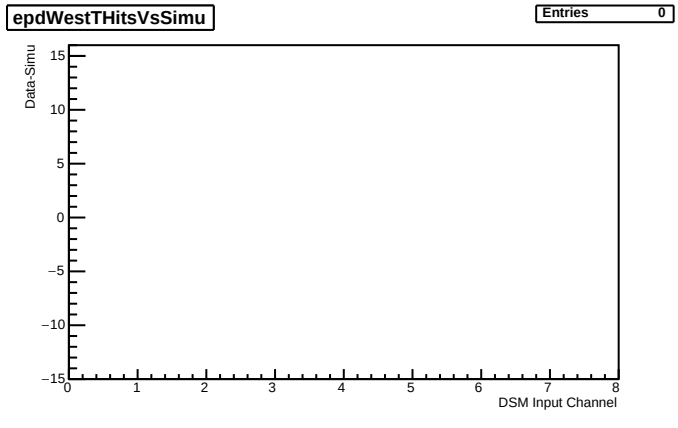
Entries 4364168
Truncated NHits
DSMInput Channel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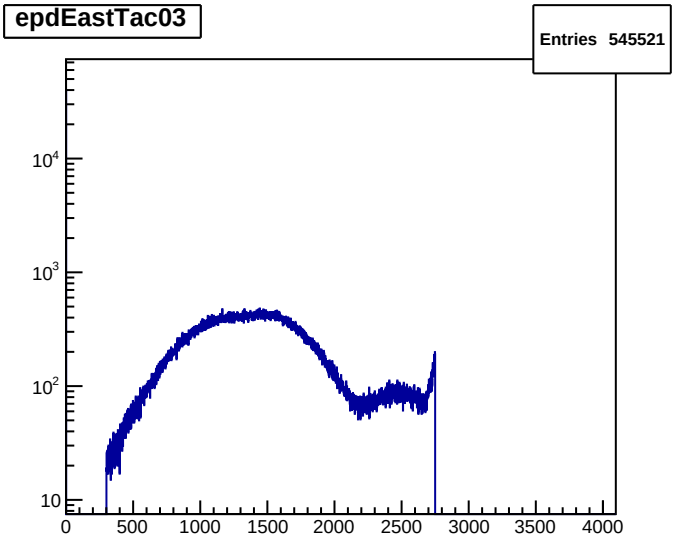
DSM Input Channel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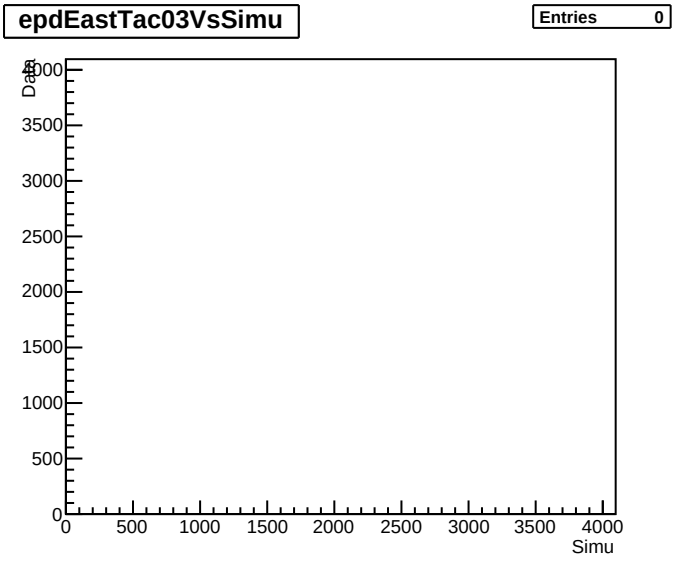
Entries 545521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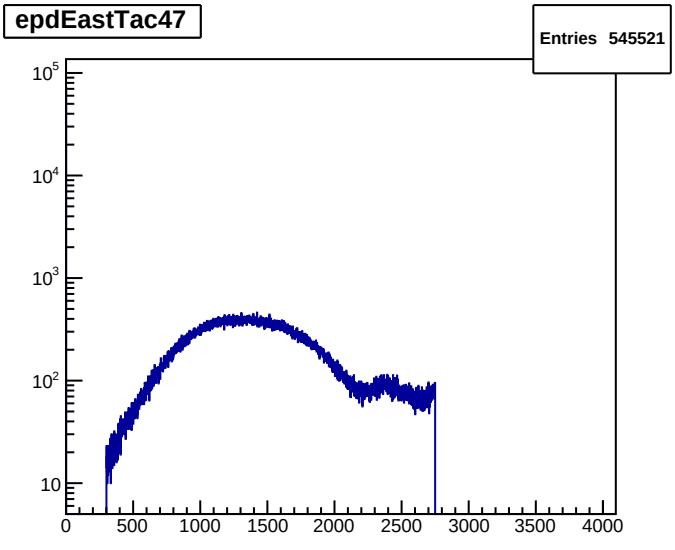
Data
Simu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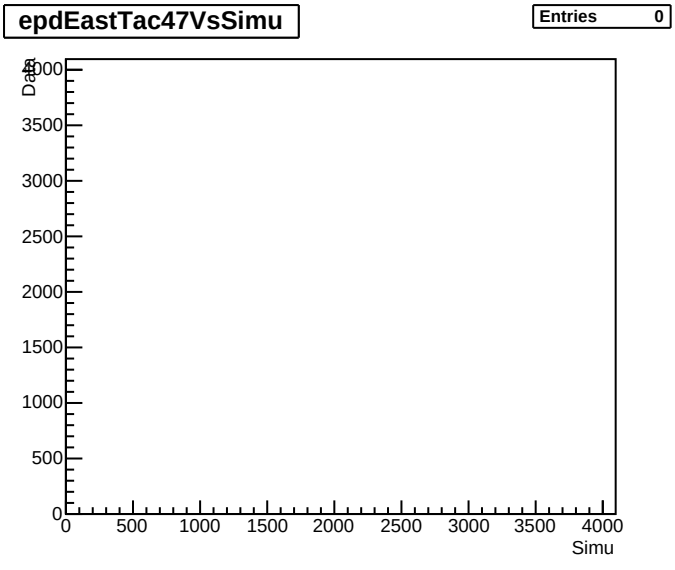
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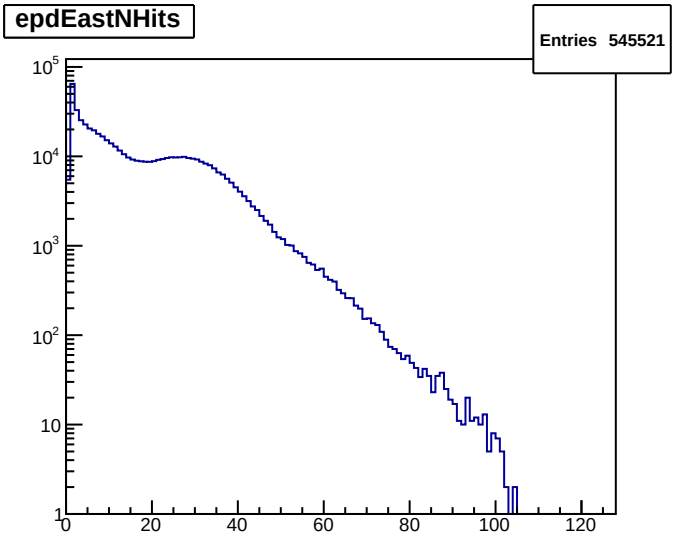
Entries 0
Data
Simu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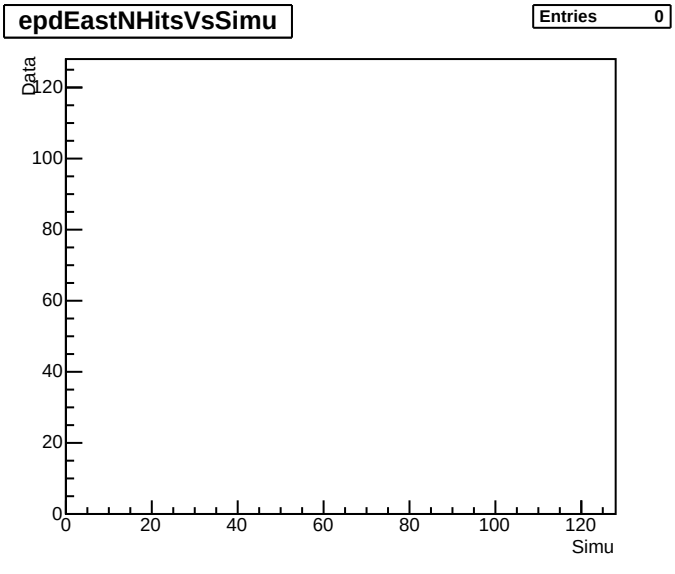
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Data
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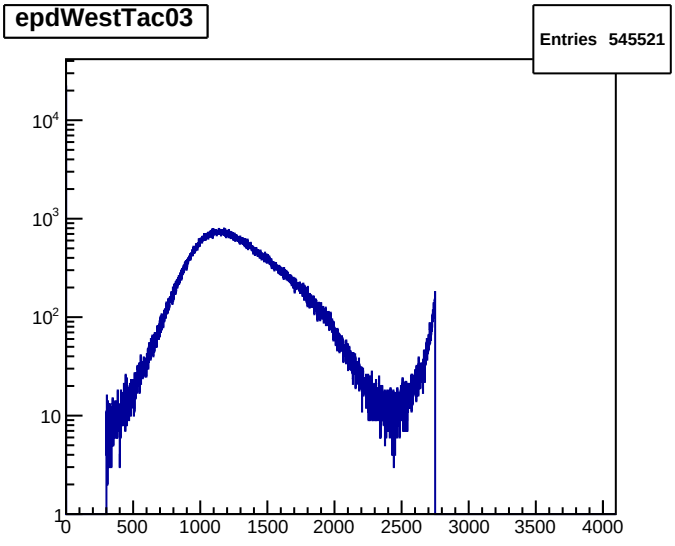
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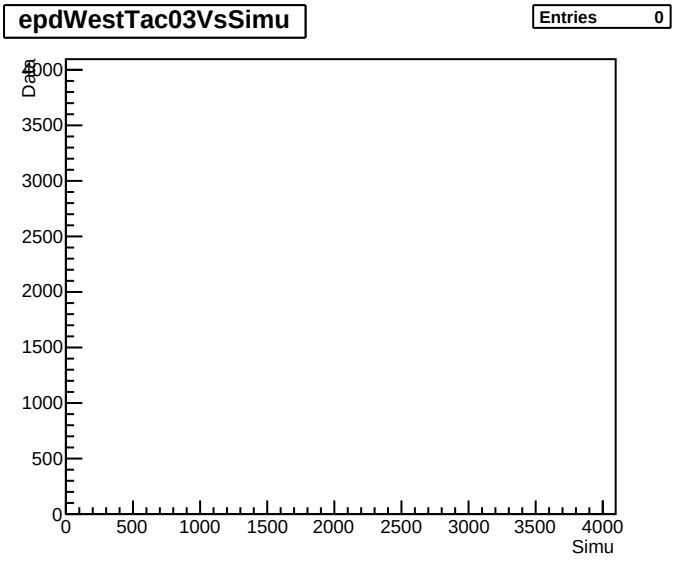
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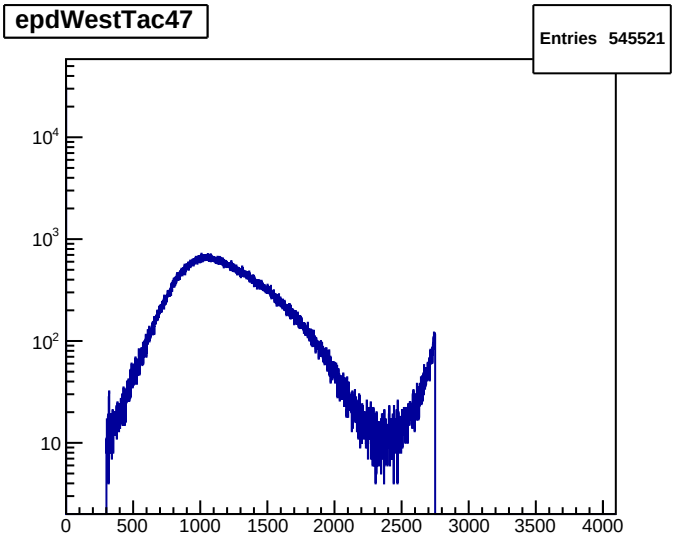
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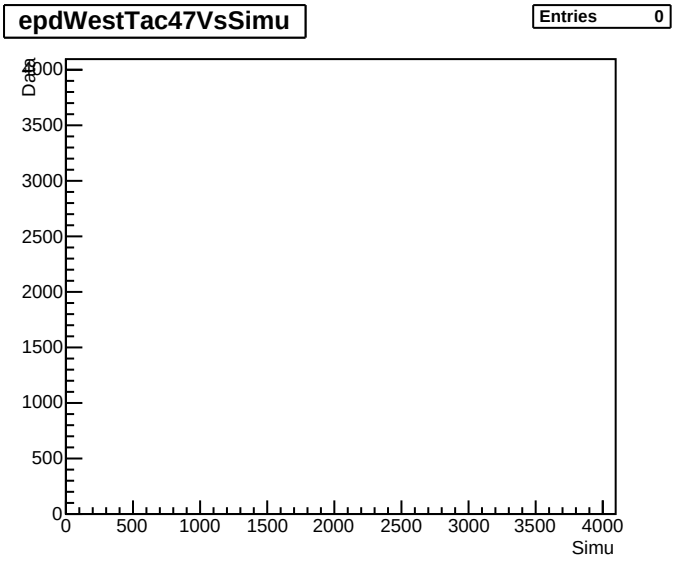
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Entries 0
Data
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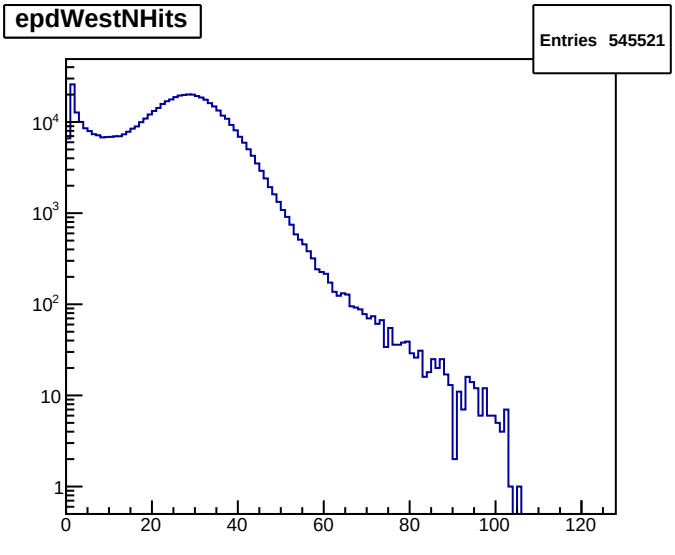
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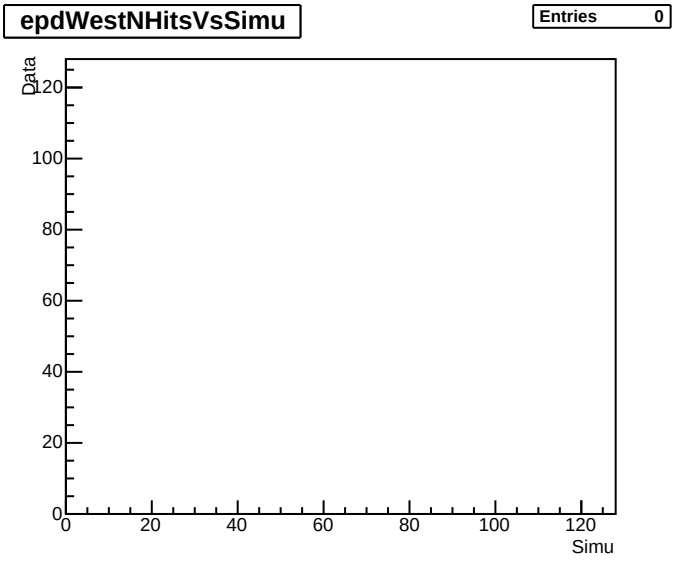
Entries 545521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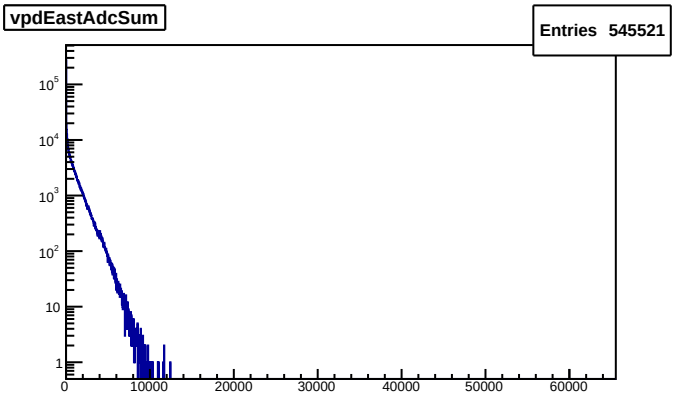
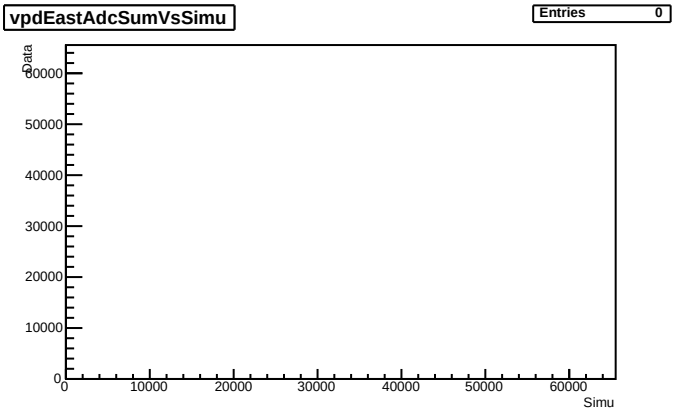
Entries 0
Data
Simu


vpdEastAdcSum
Entries 545521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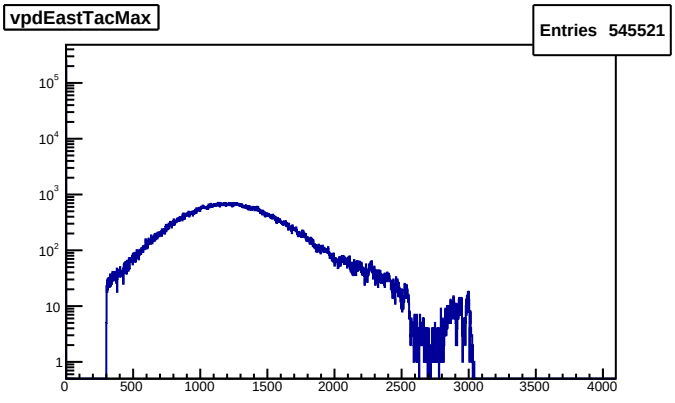
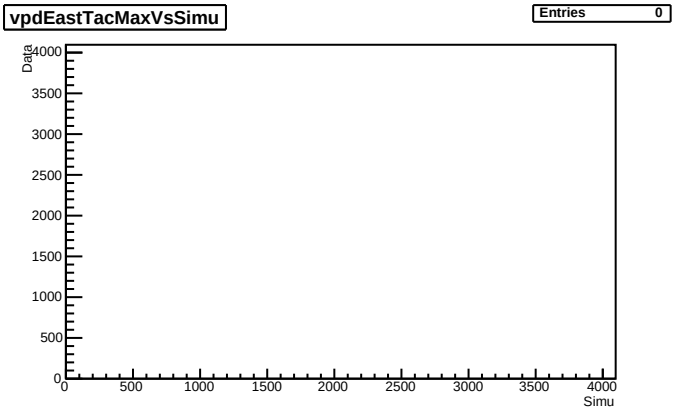
Entries 0
Data
Simu


vpdEastTacMax
Entries 545521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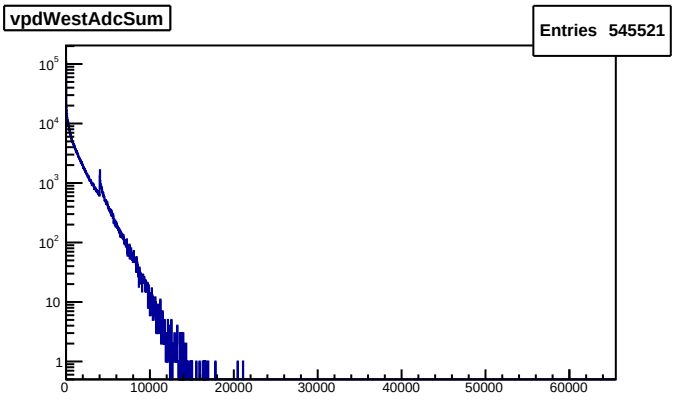
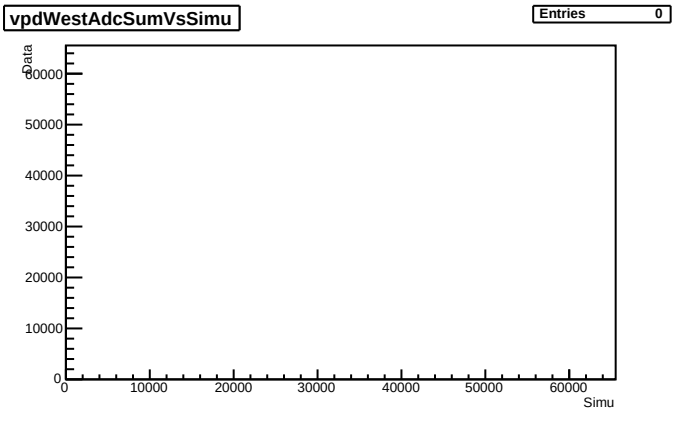
Entries 0
Data
Simu


vpdWestAdcSum
Entries 545521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Entries 0
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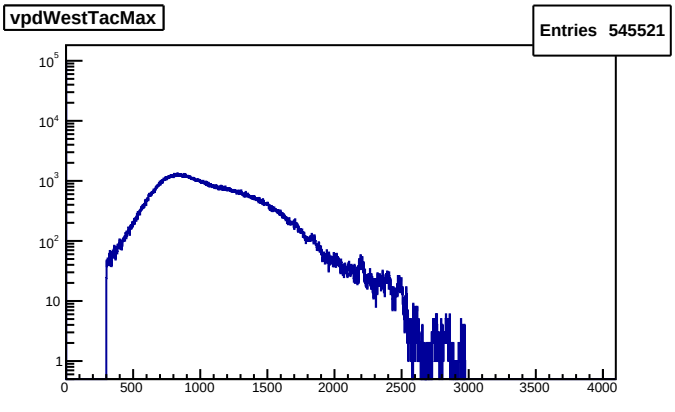
Simu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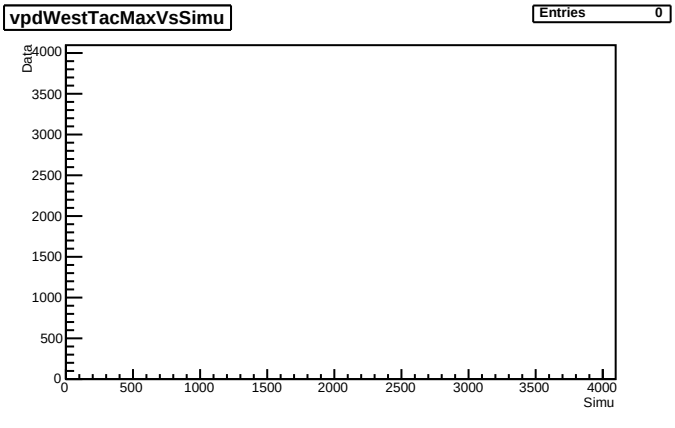
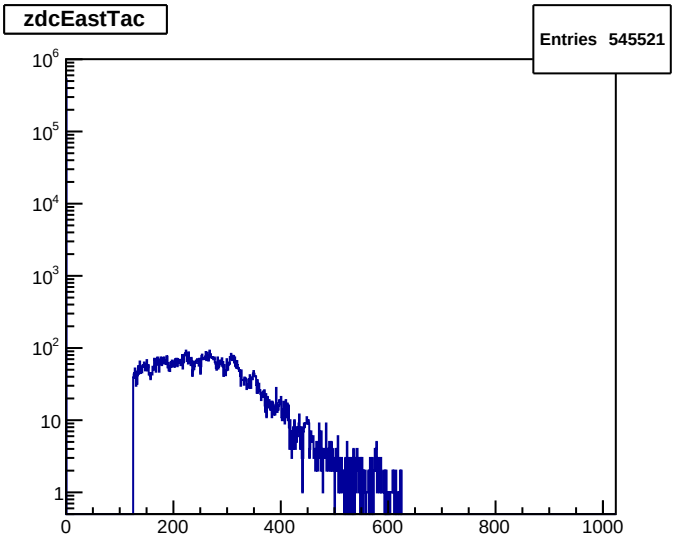
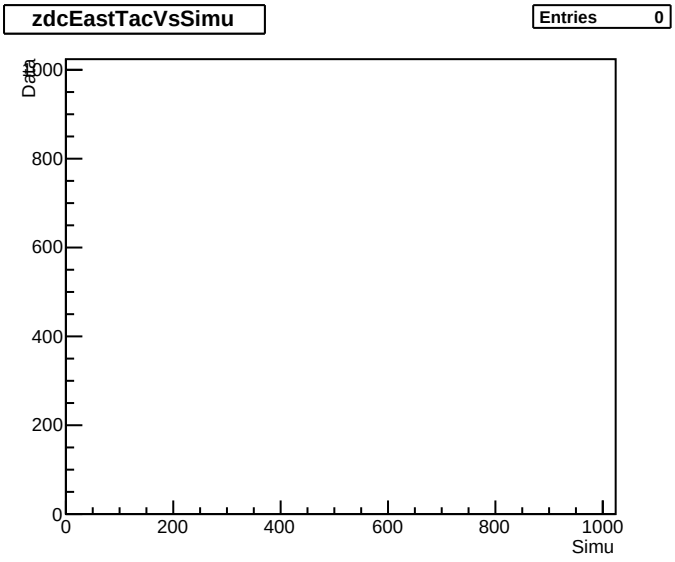
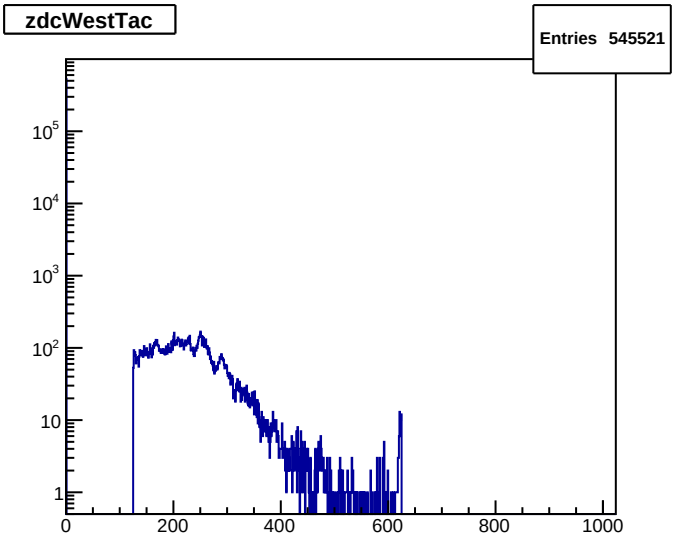
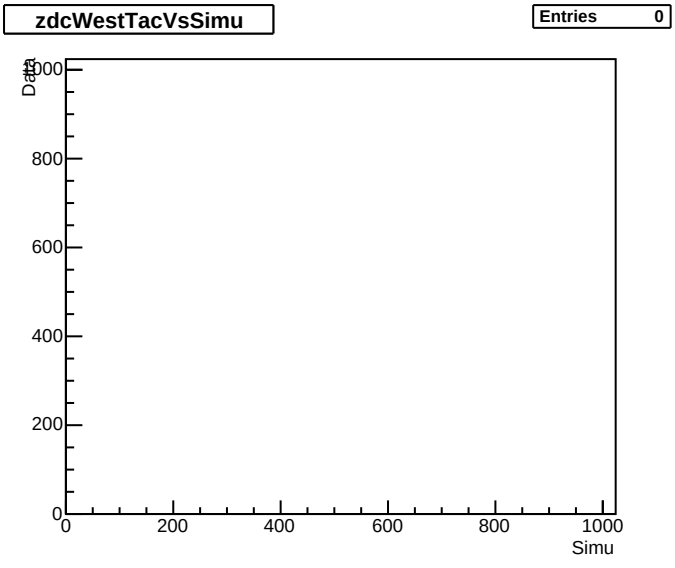
Entries 545521

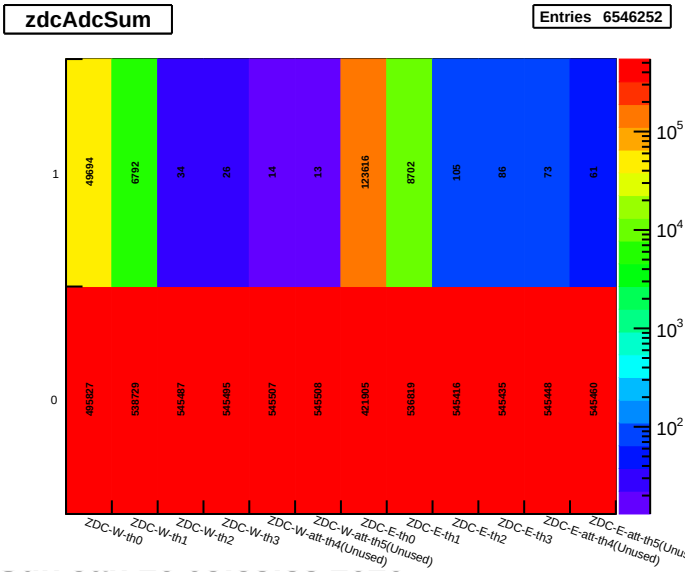

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

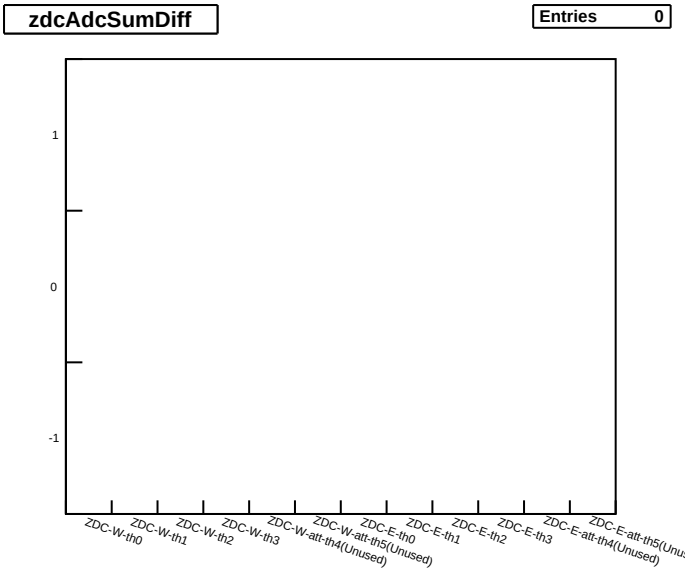

zdcEastTac
Entries 545521

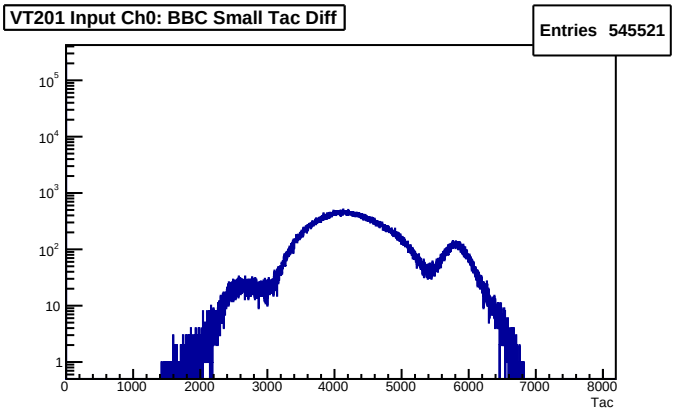

zdcEastTacVsSimu
Entries 0
Data
Simu

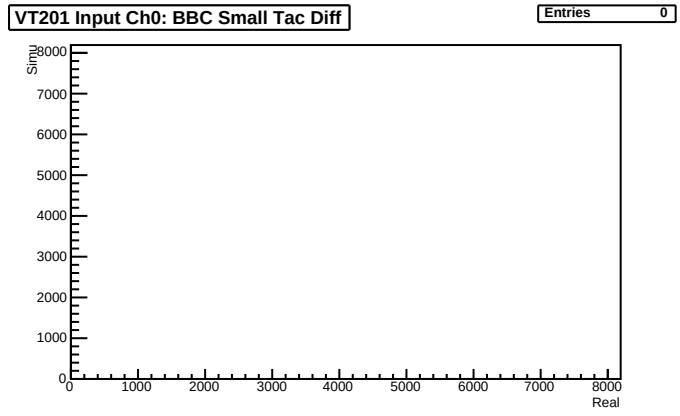

zdcWestTac
Entries 545521

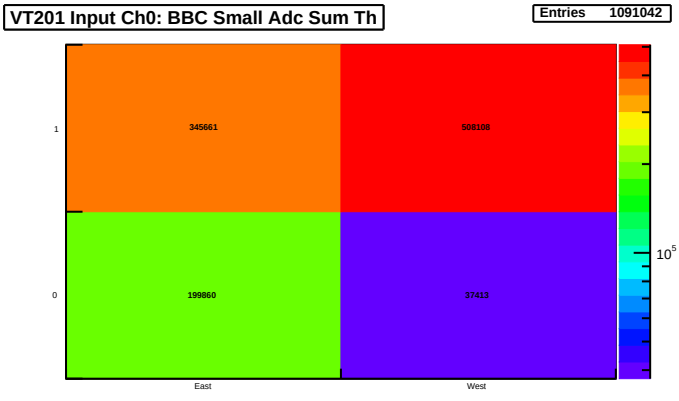

zdcWestTacVsSimu
Entries 0
Data
Simu

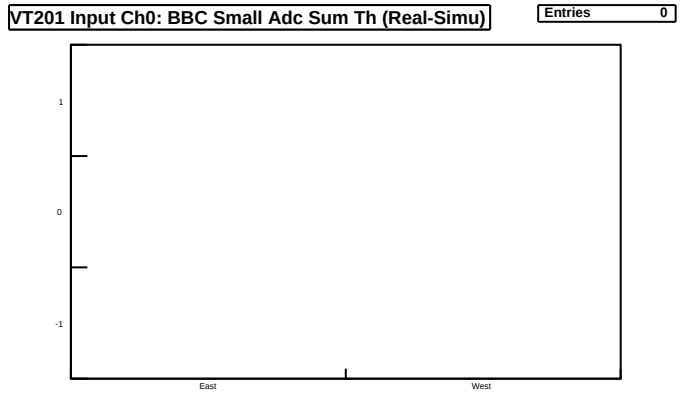

zdcAdcSum
Entries 6546252
49694
6792
34
26
14
13
123616
8702
105
86
73
61
495827
538729
545487
545495
545507
545508
421905
536819
545416
545435
545448
545460
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

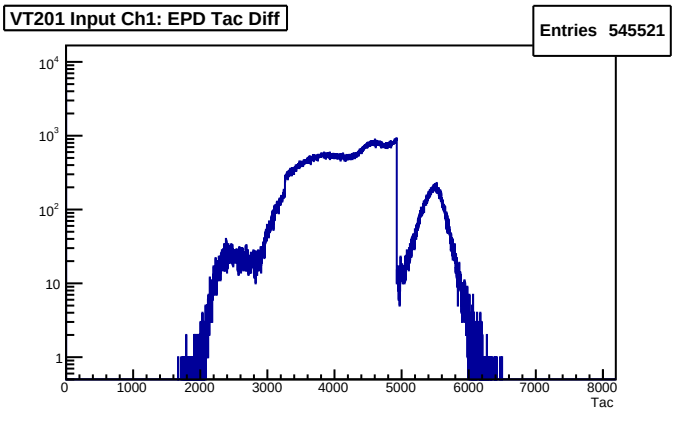

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

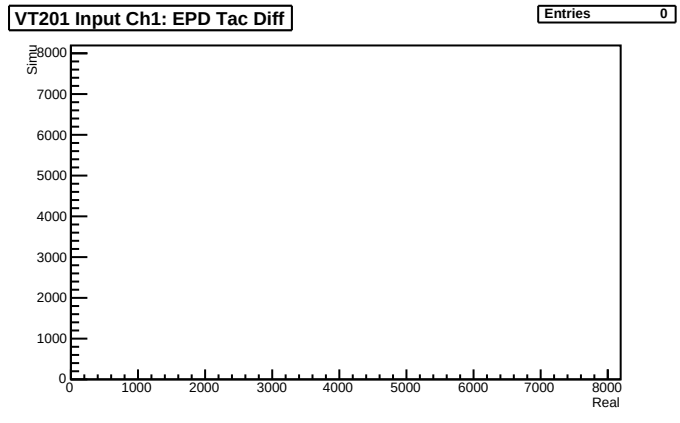

VT201 Input Ch0: BBC Small Tac Diff
Entries 545521
Tac

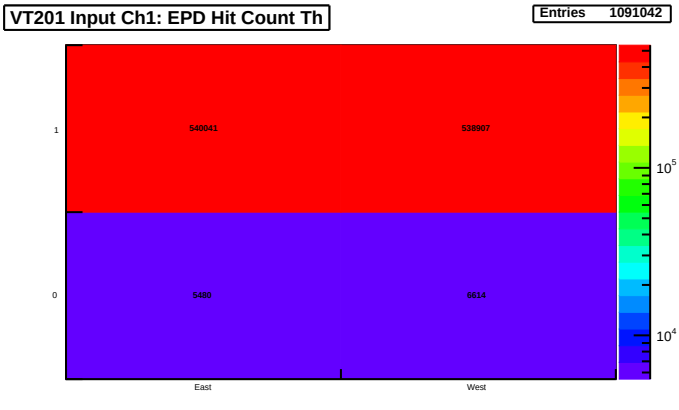

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

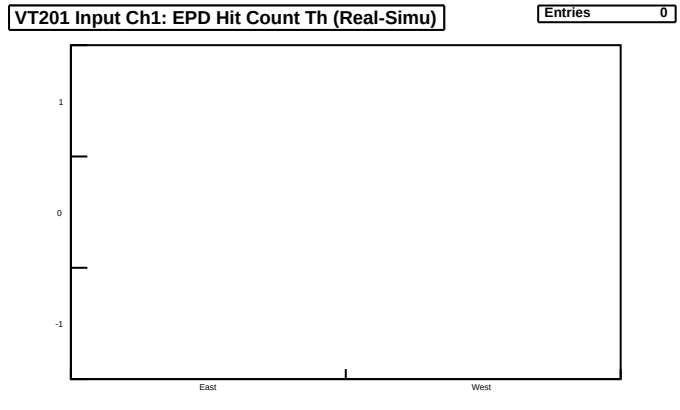

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1091042
345661
508108
199860
37413
East
West

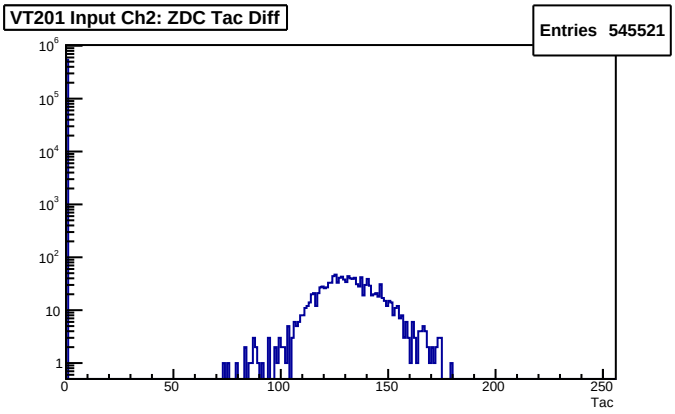

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

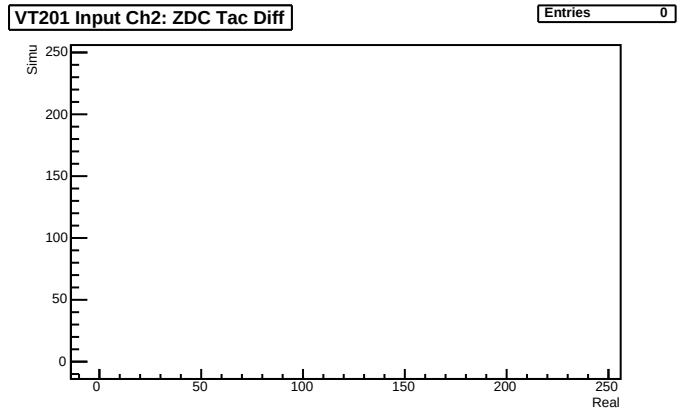

VT201 Input Ch1: EPD Tac Diff
Entries 545521
Tac

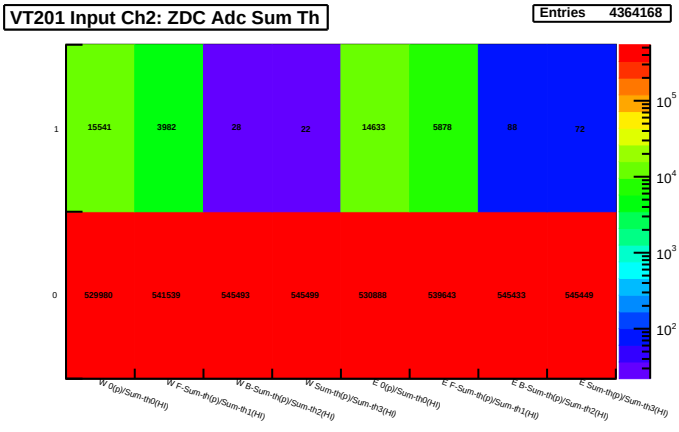

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

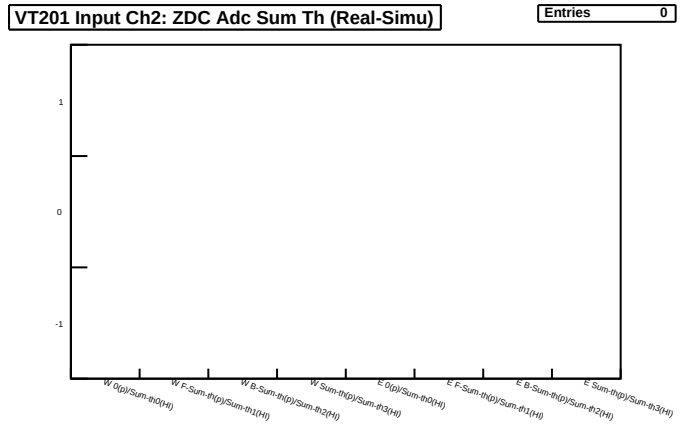

VT201 Input Ch1: EPD Hit Count Th
Entries 1091042
540041
530907
5480
6614
East
West

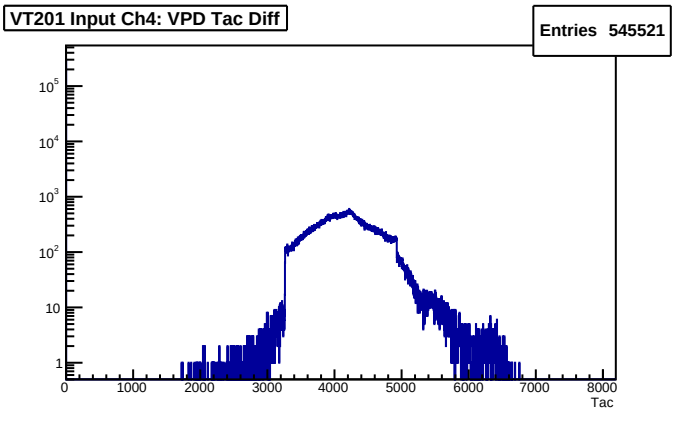

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

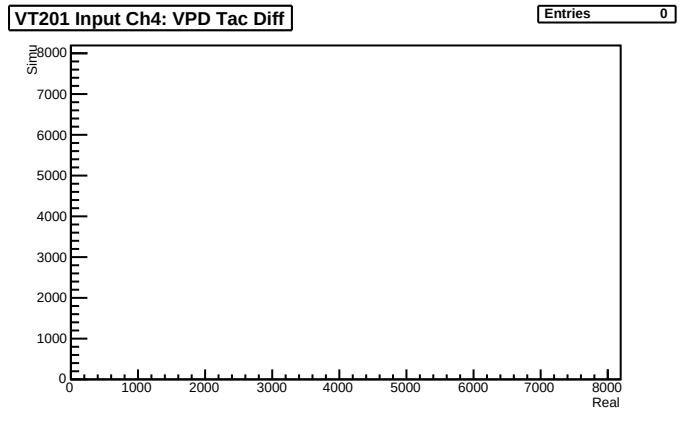

VT201 Input Ch2: ZDC Tac Diff
Entries 545521
Tac

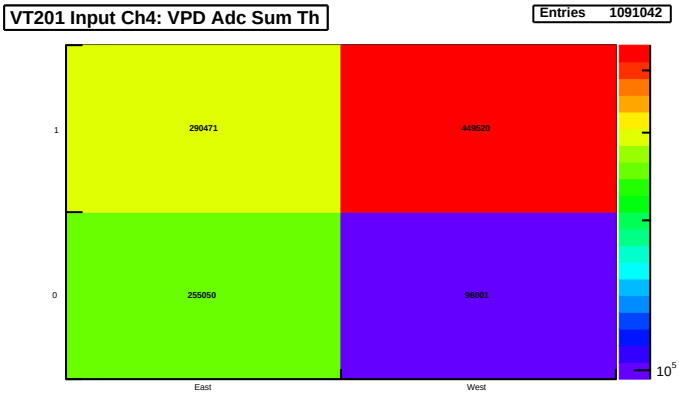

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

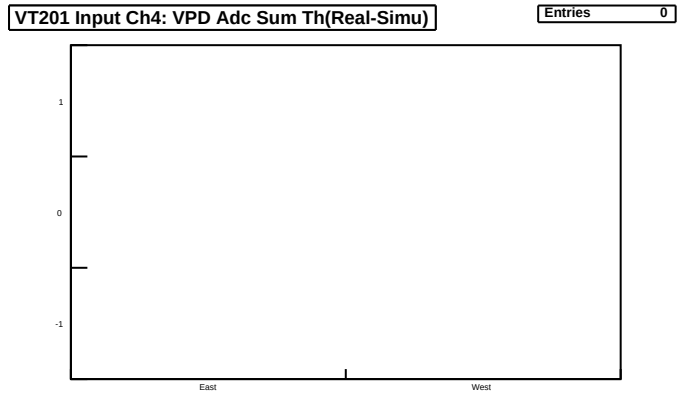

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4364168
15541
3982
28
22
14633
5878
88
72
529980
541539
545493
545499
530888
539643
545433
545449
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

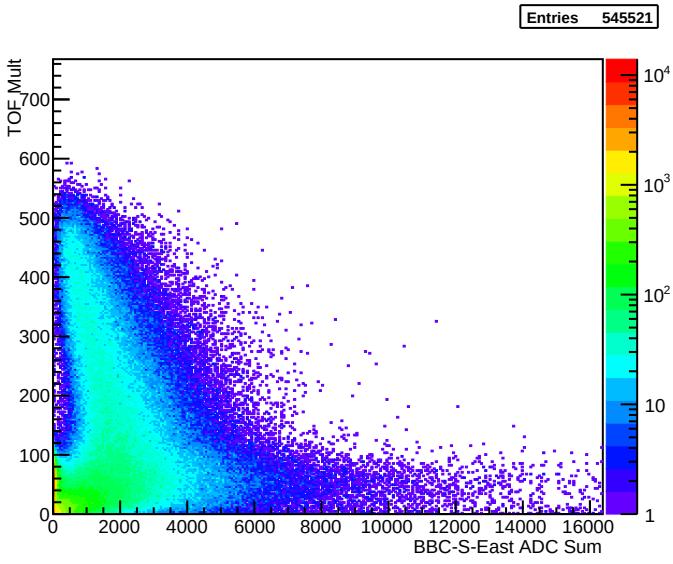

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

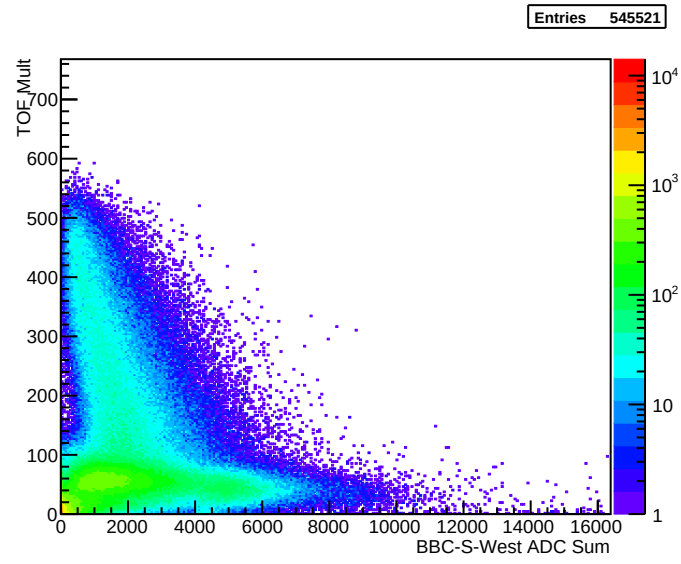

VT201 Input Ch4: VPD Tac Diff
Entries 545521
Tac

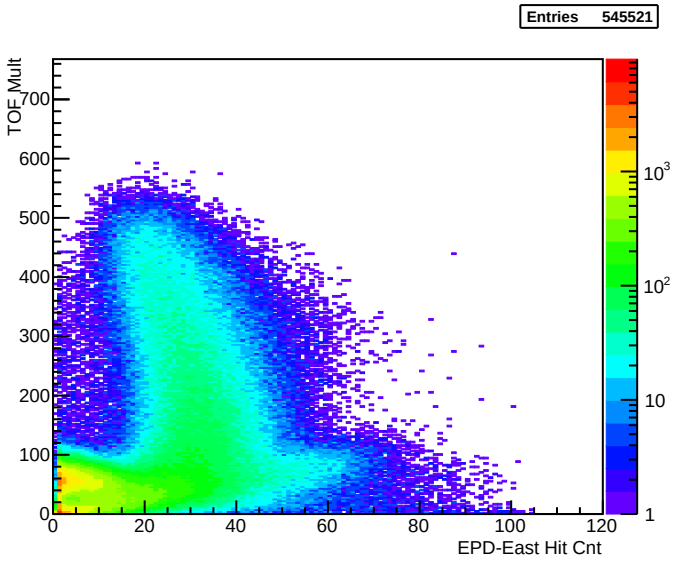

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

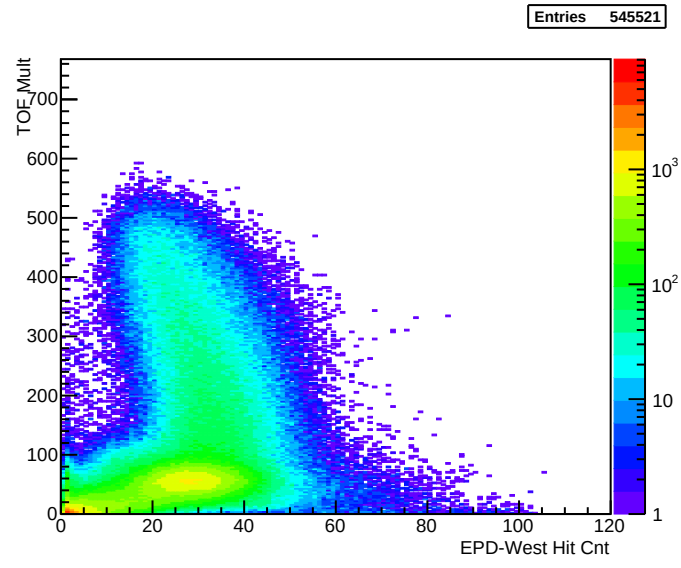

VT201 Input Ch4: VPD Adc Sum Th
Entries 1091042
290471
449520
255050
96001
East
West

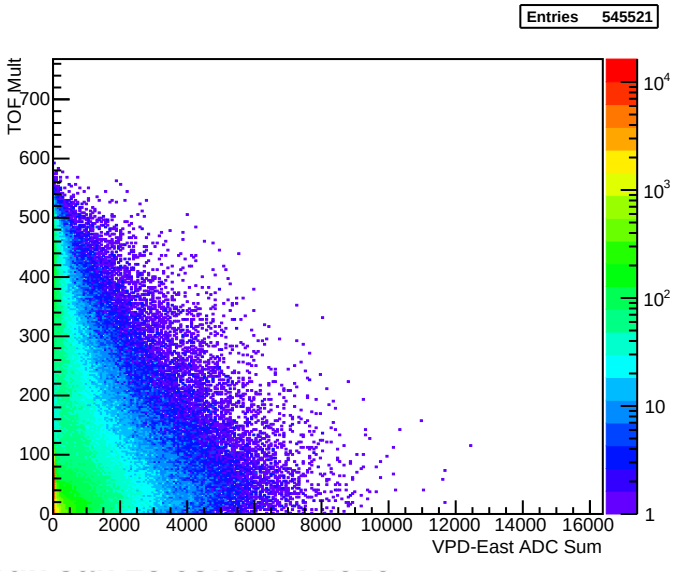

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

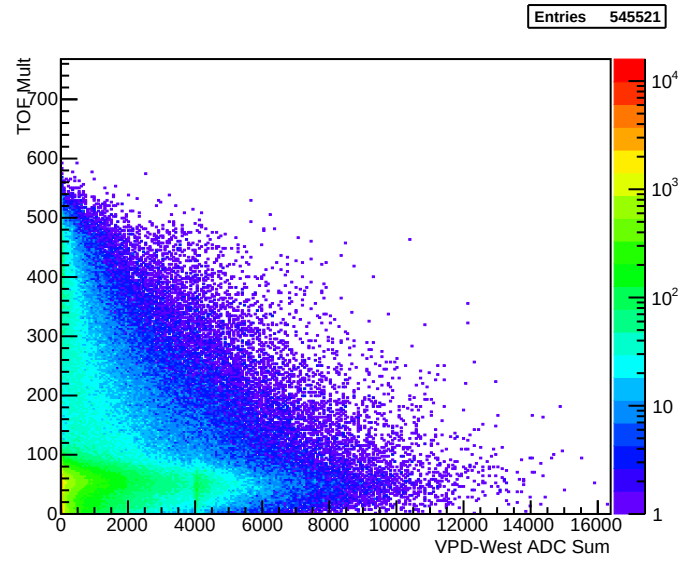

Entries 545521
TOF_Mult
BBC-S-East ADC Sum

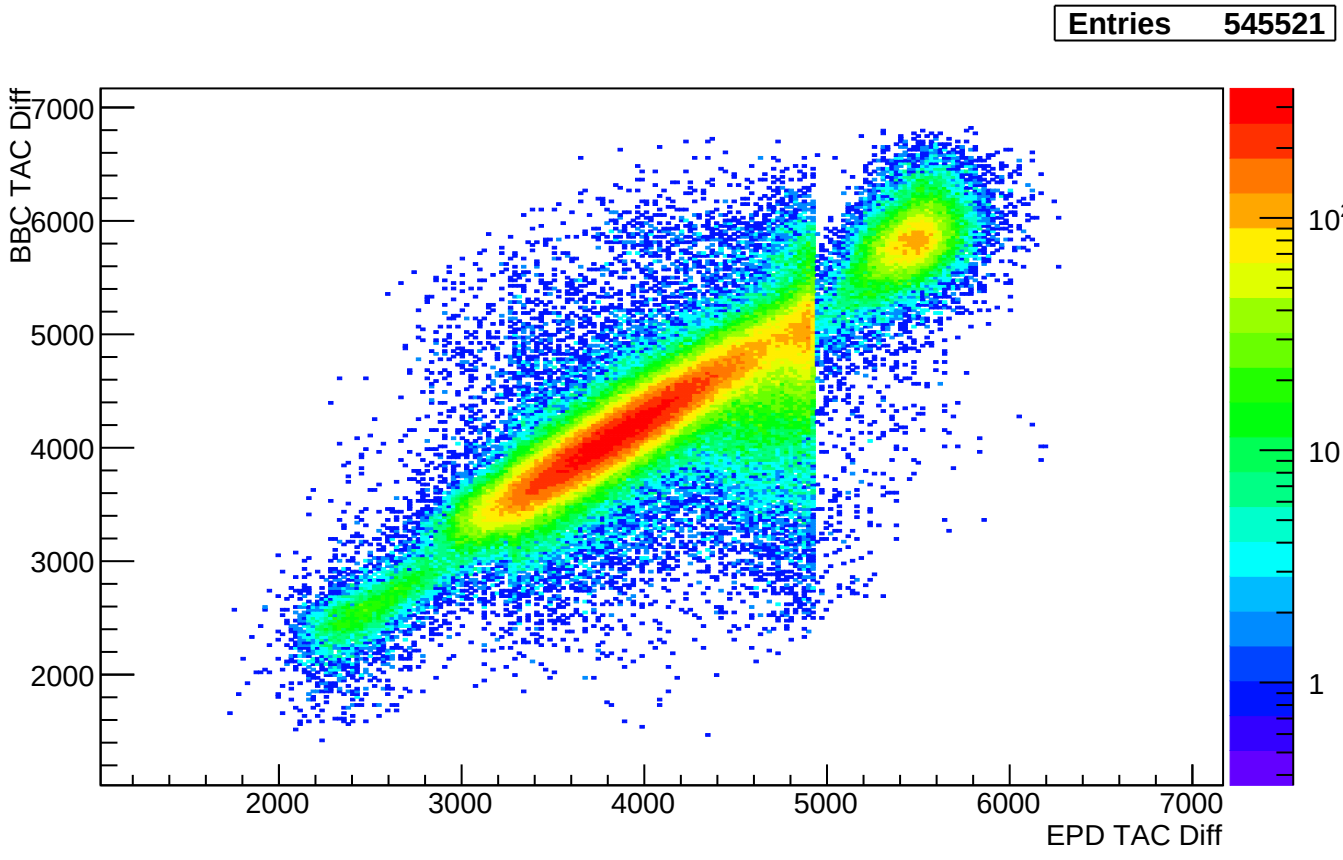

Entries 545521
TOF_Mult
BBC-S-West ADC Sum

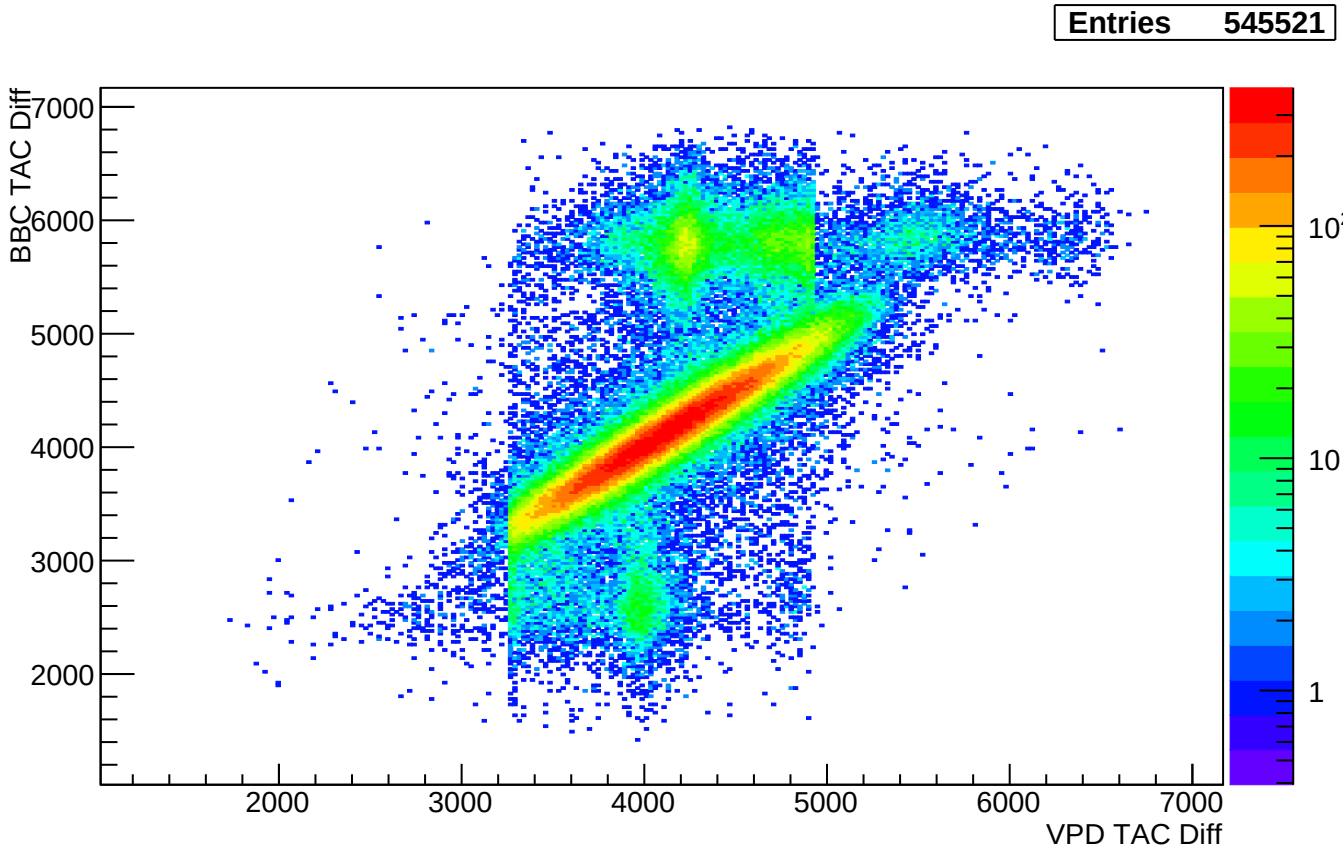

Entries 545521
TOF_Mult
EPD-East Hit Cnt

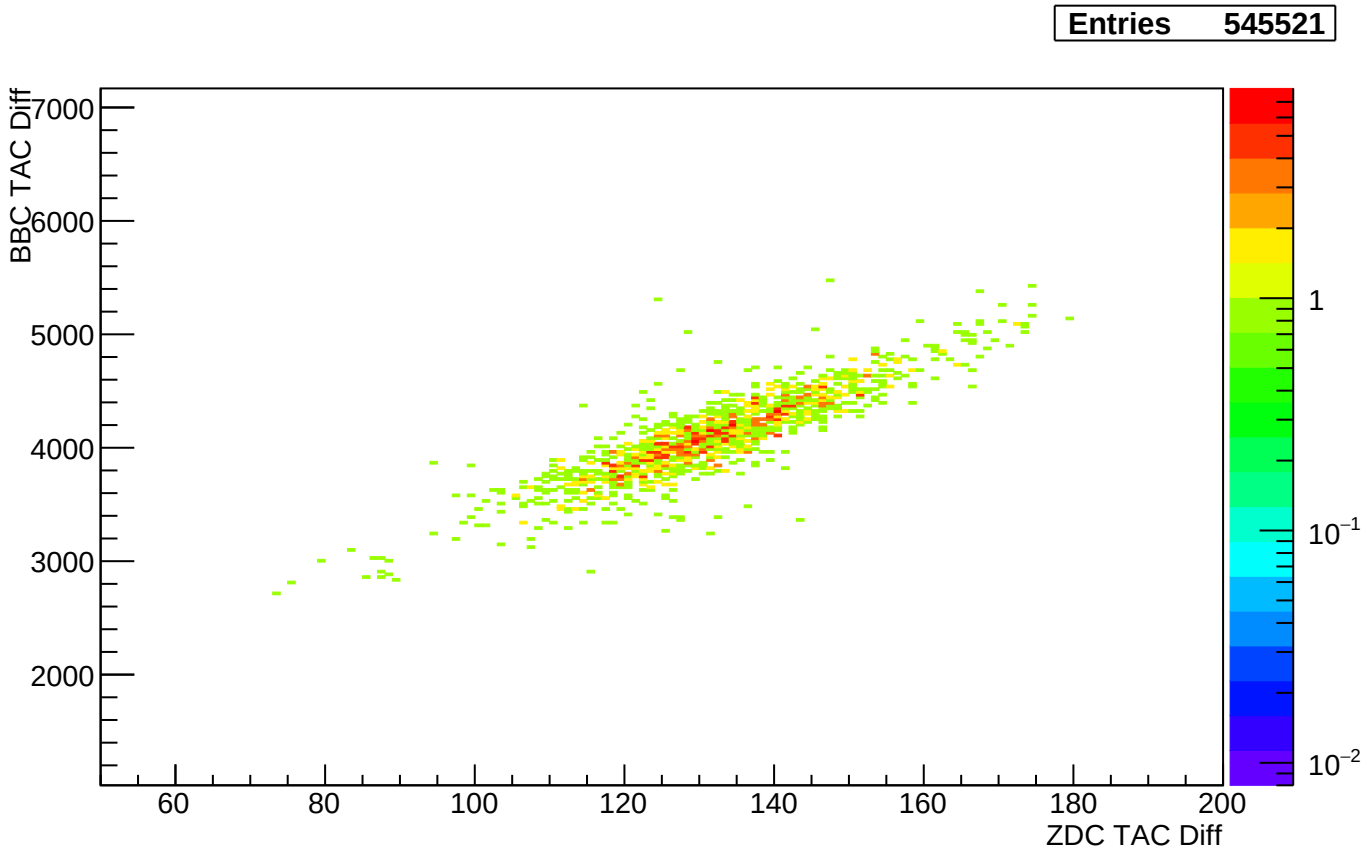

Entries 545521
TOF_Mult
EPD-West Hit Cnt

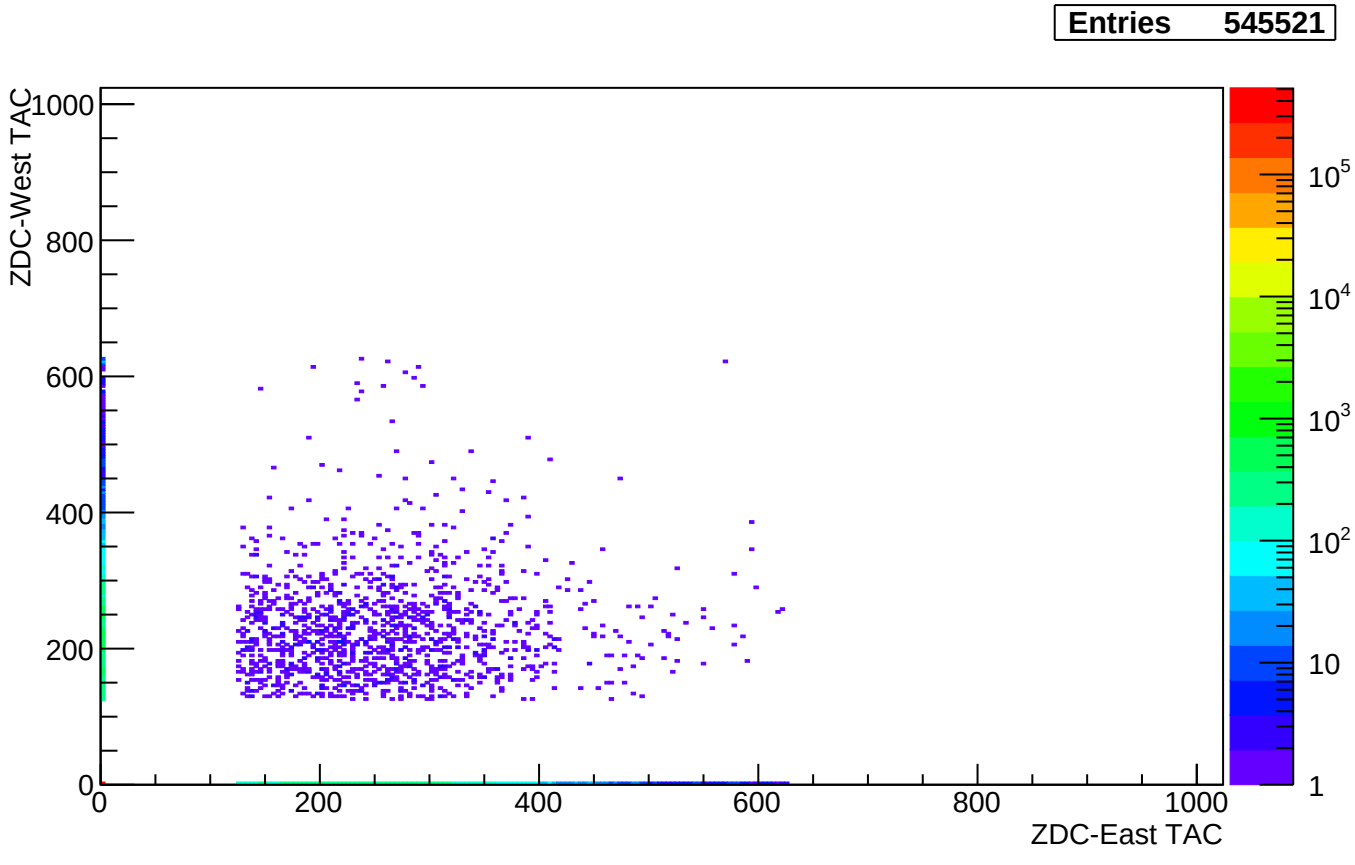

Entries 545521
TOF_Mult
VPD-East ADC Sum

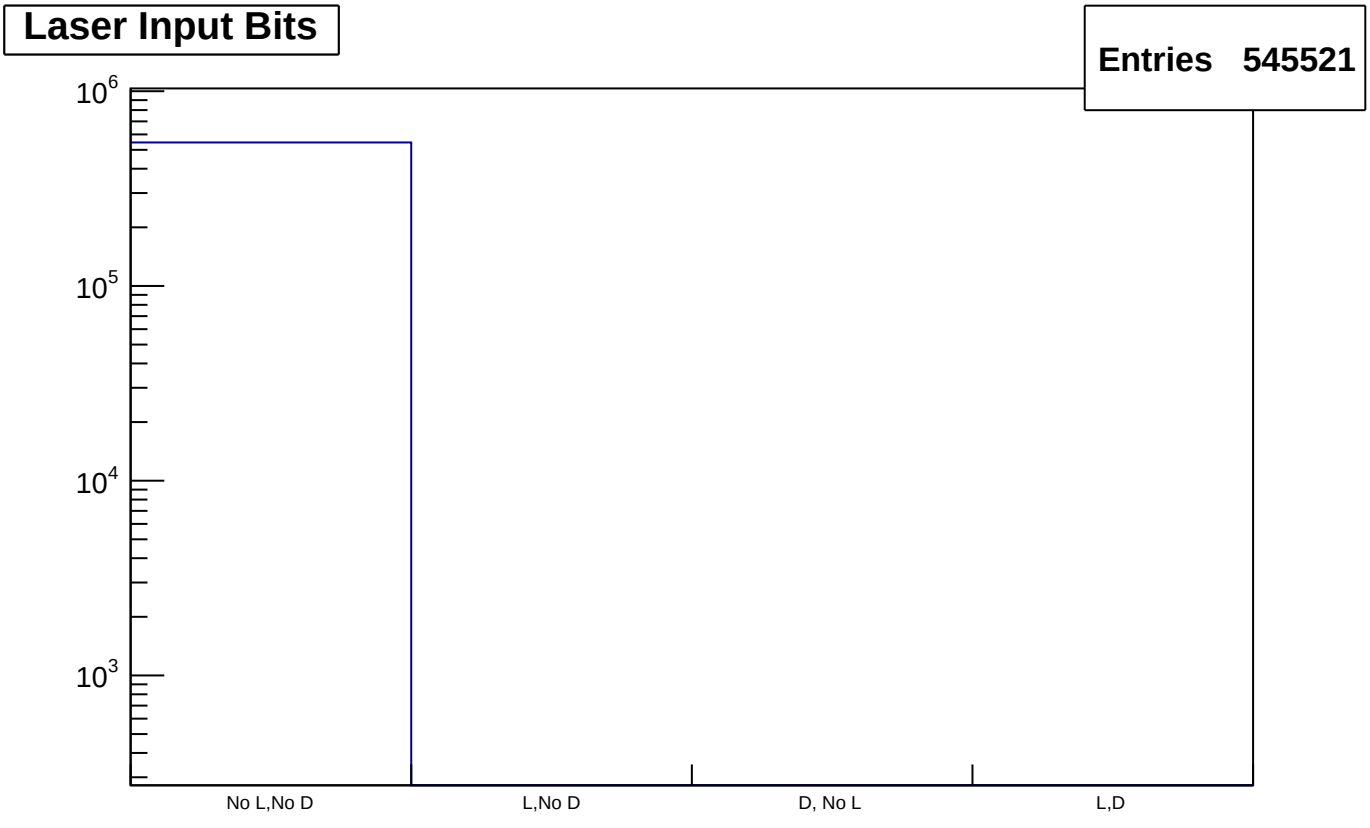

Entries 545521
TOF_Mult
VPD-West ADC Sum

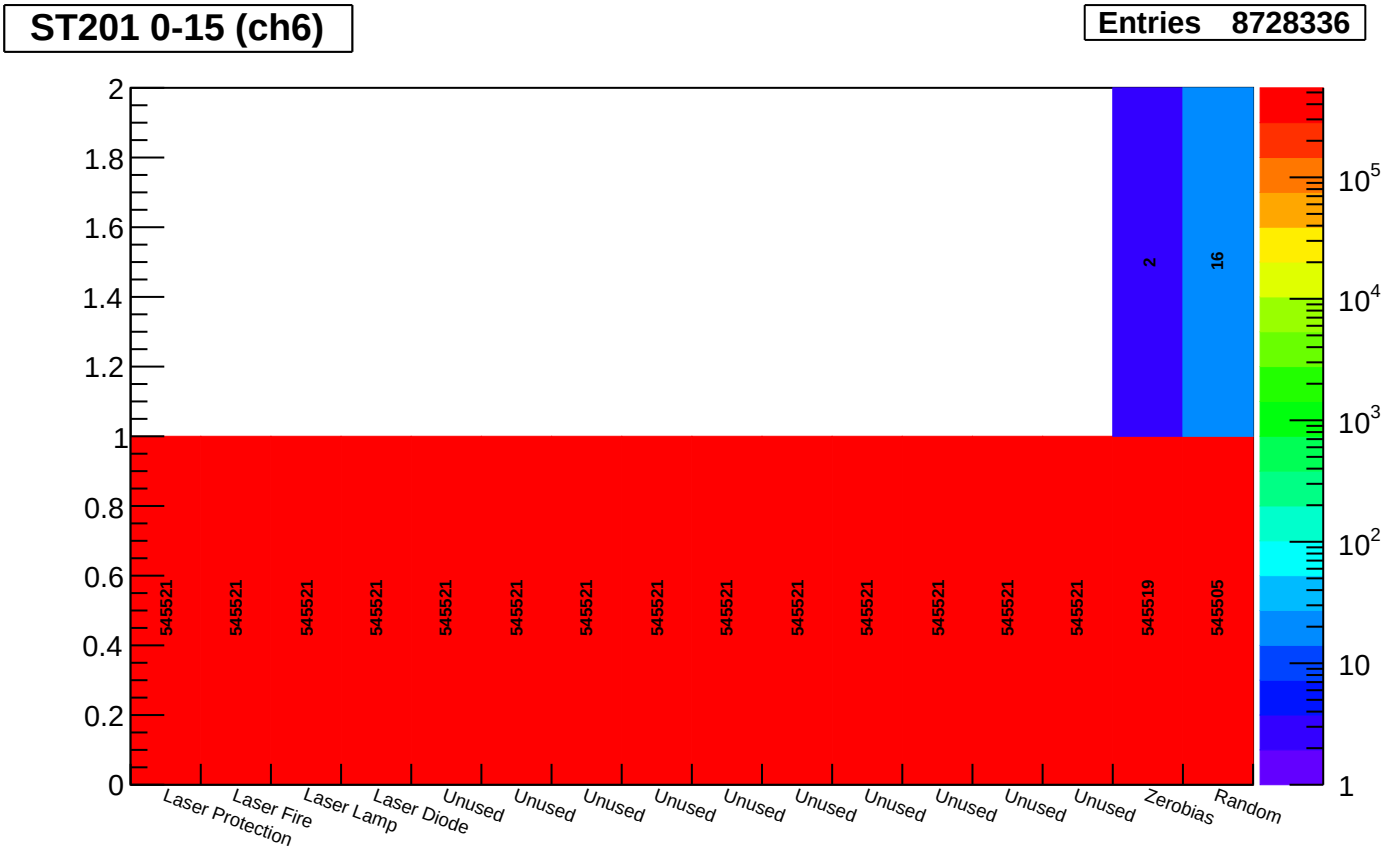

Entries 545521
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

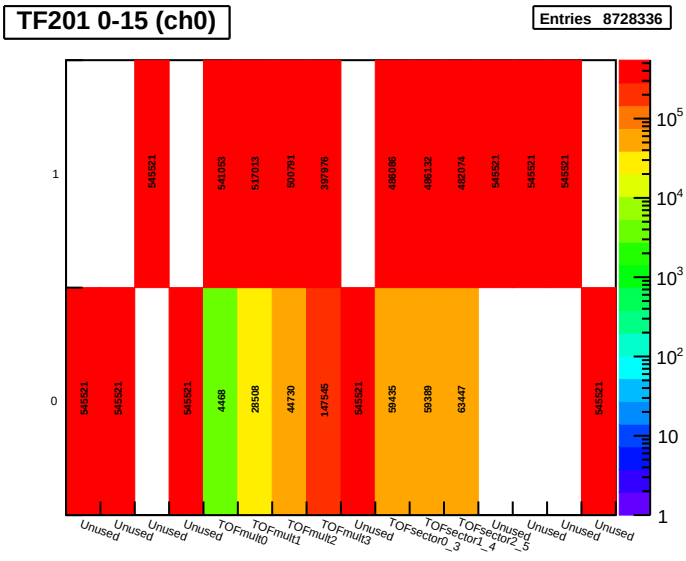

Entries 545521
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

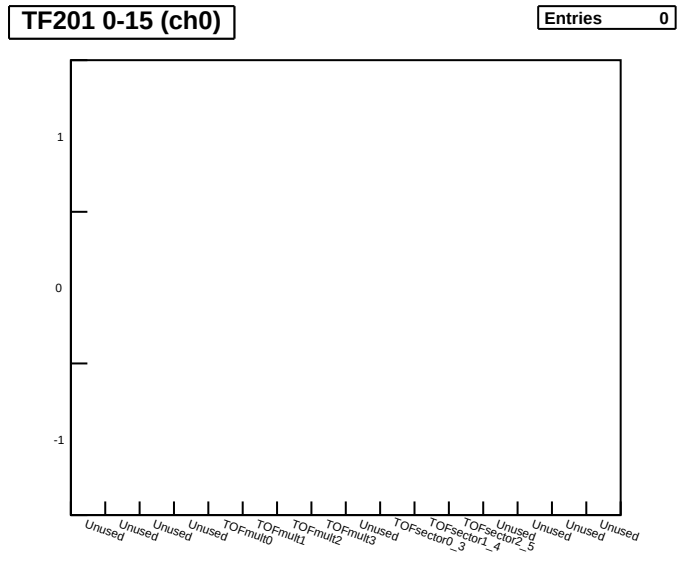

Entries 545521
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

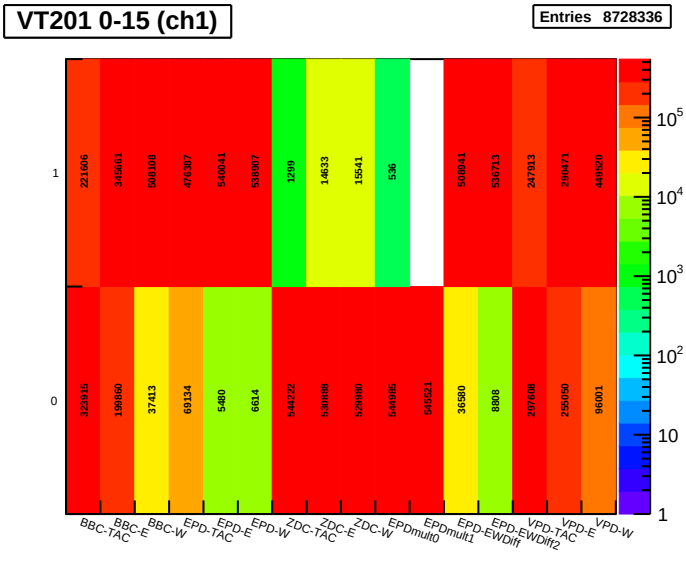

Entries 545521
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

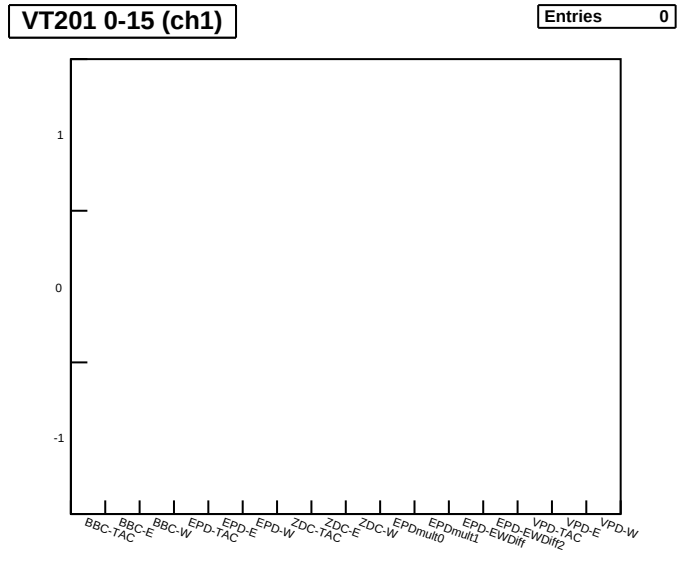

Laser Input Bits
Entries 545521
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

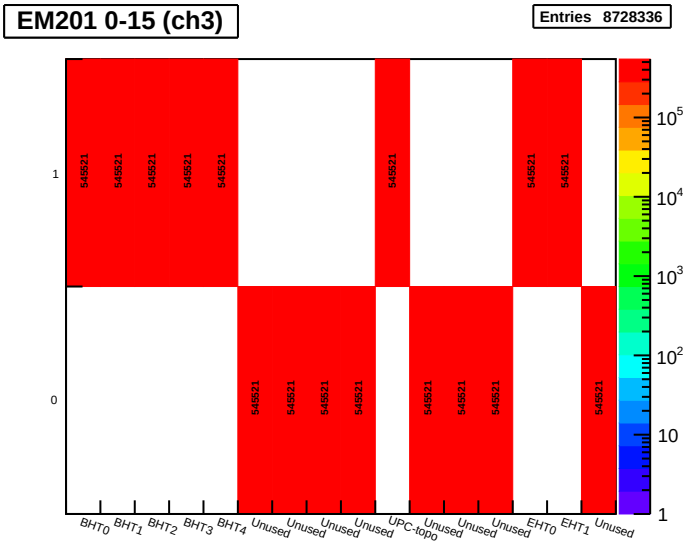

ST201 0-15 (ch6)
Entries 8728336
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545519
545505
2
16
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

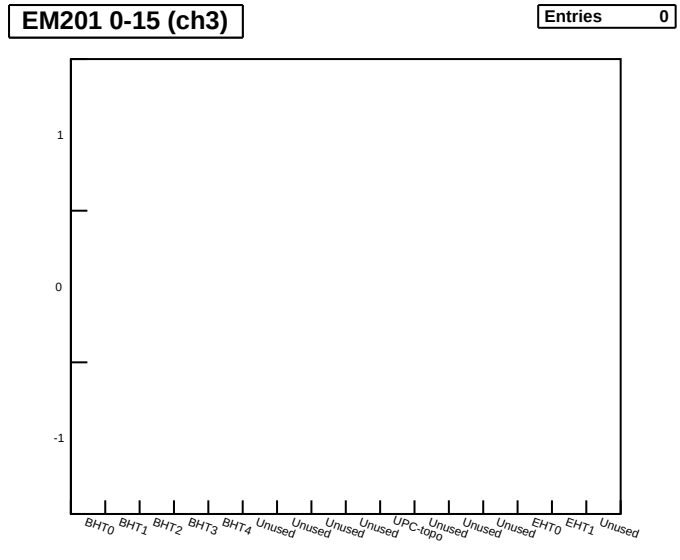

TF201 0-15 (ch0)
Entries 8728336
1
0
545521
541053
517013
500791
397976
486086
486132
482074
545521
545521
545521
545521
545521
4468
28508
44730
147545
545521
59435
59389
63447
545521
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8728336
1
0
221606
345661
508108
476387
540041
538907
1299
14633
15541
536
508941
536713
247913
290471
449520
323915
199860
37413
69134
5480
6614
544222
530888
529980
544985
545521
36580
8808
297608
255050
96001
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 8728336
1
0
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
545521
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