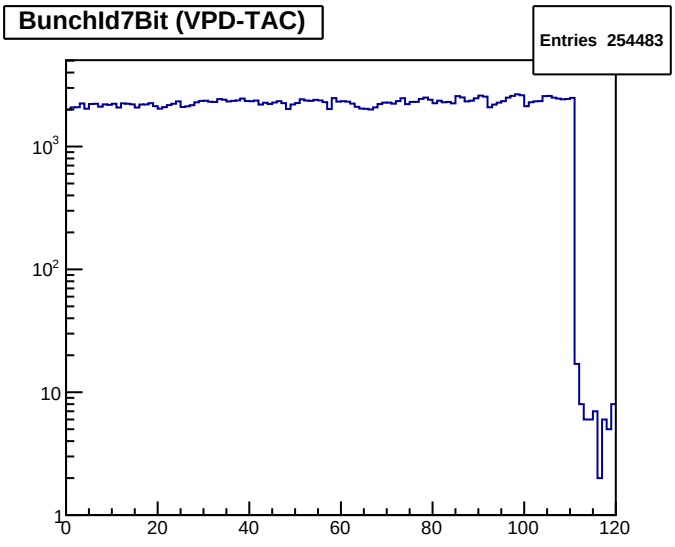
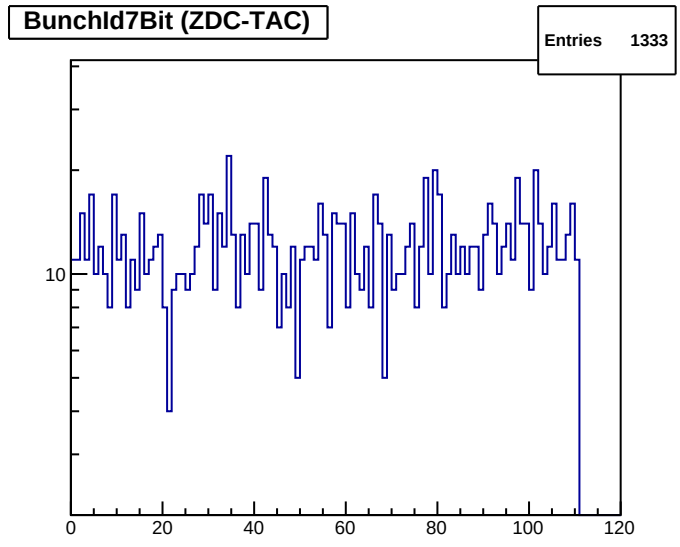
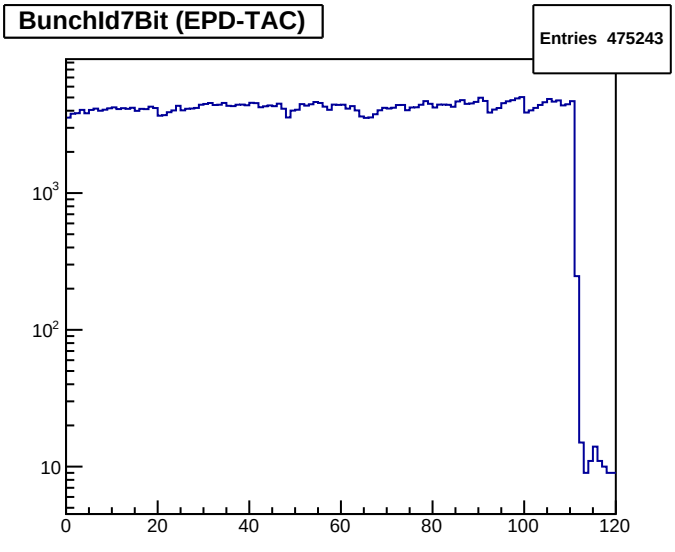
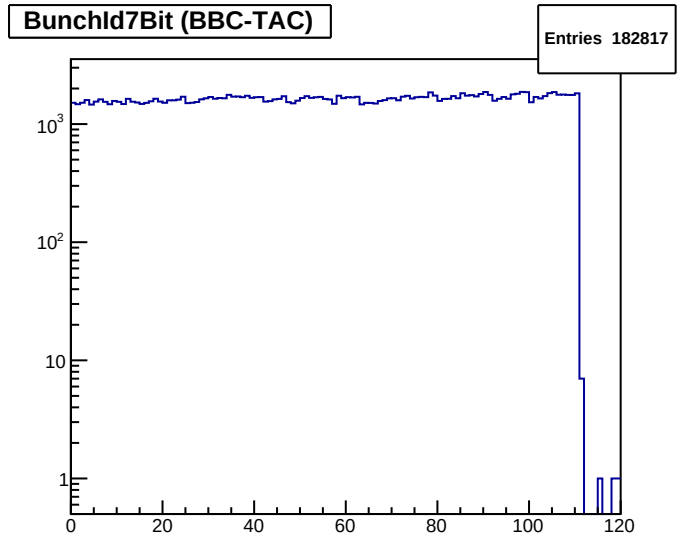
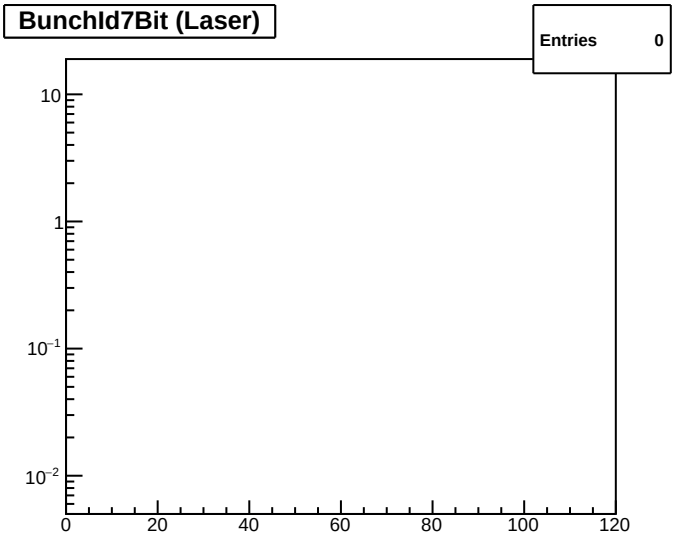
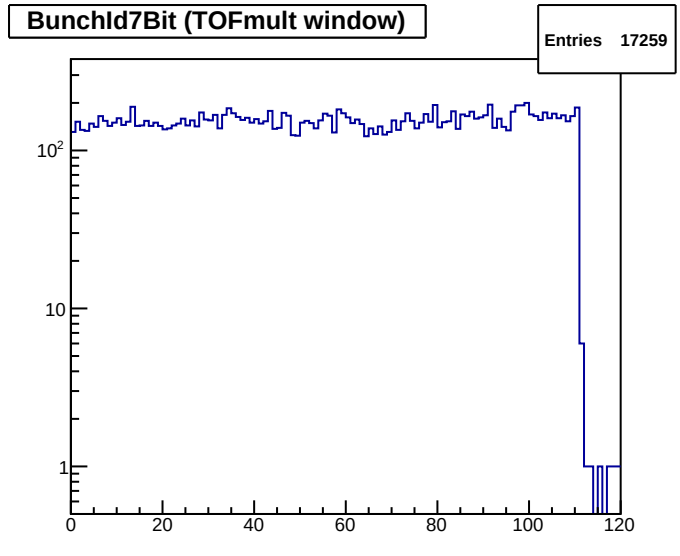

BunchId7Bit (VPD-TAC)
Entries 254483

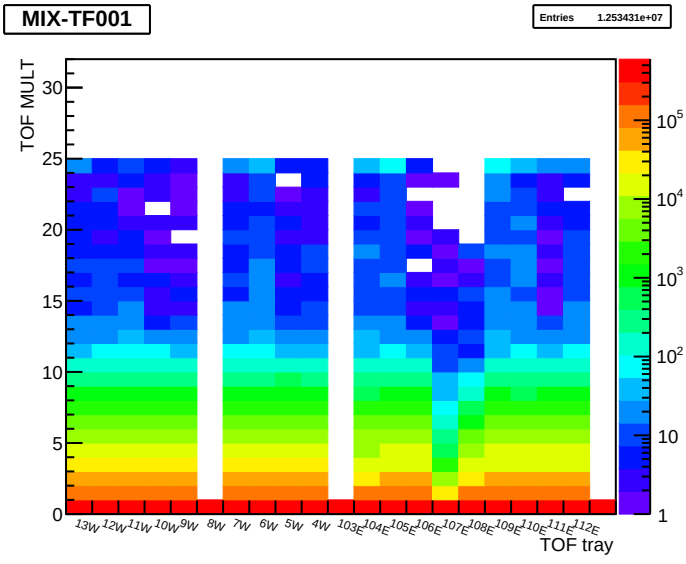

BunchId7Bit (ZDC-TAC)
Entries 1333

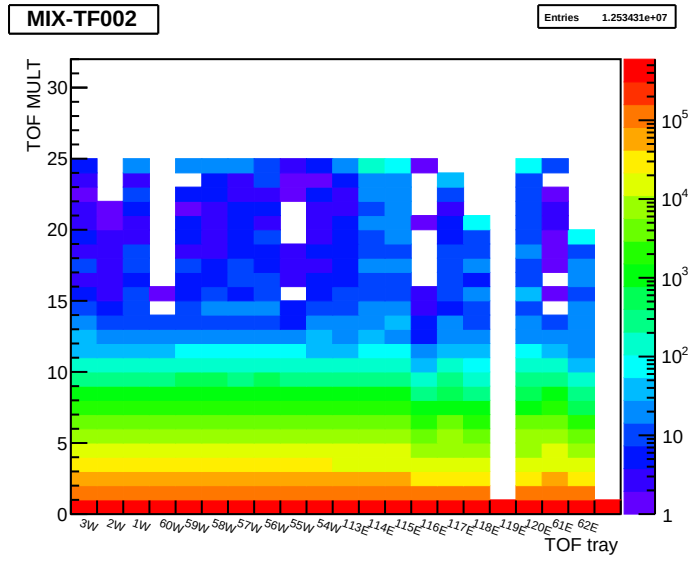

BunchId7Bit (EPD-TAC)
Entries 475243

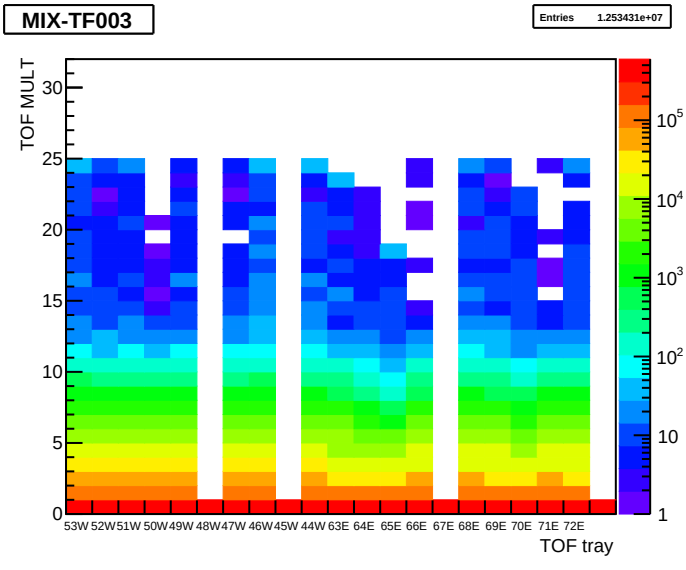

BunchId7Bit (BBC-TAC)
Entries 182817

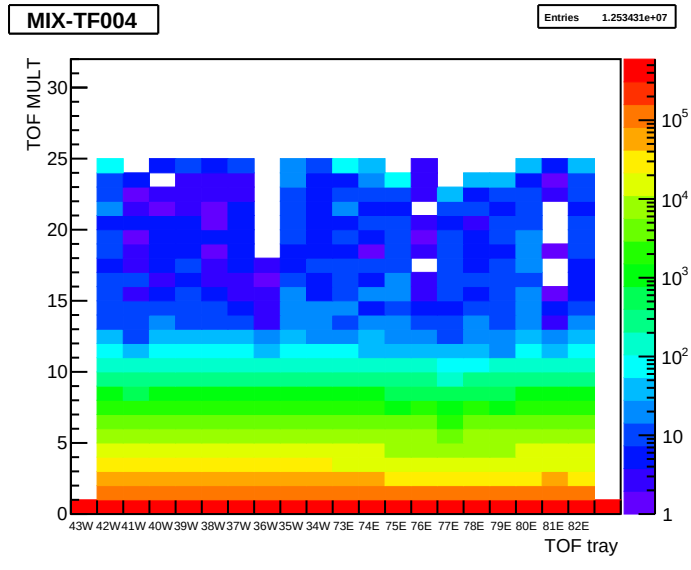

BunchId7Bit (Laser)
Entries 0

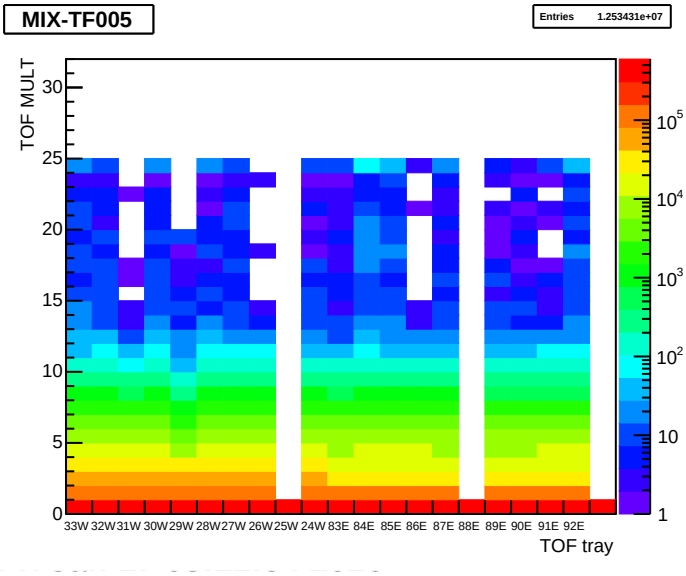

BunchId7Bit (TOFmult window)
Entries 17259

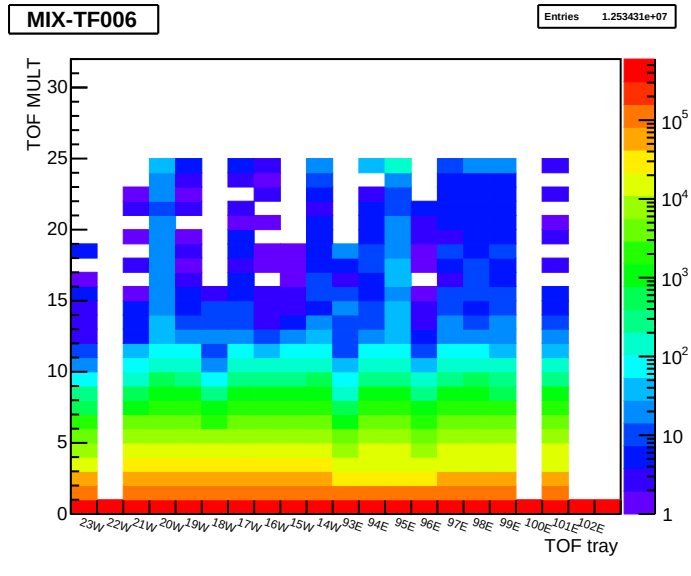

MIX-TF001
Entries 1.253431e+07
TOF MULT
TOF tray

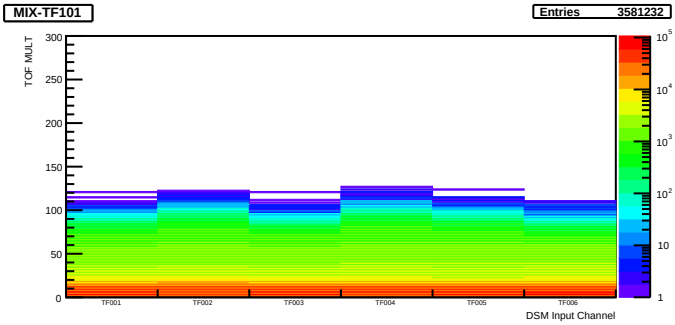

MIX-TF002
Entries 1.253431e+07
TOF MULT
TOF tray

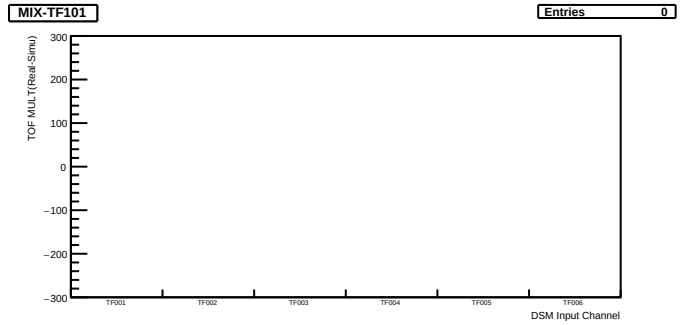

MIX-TF003
Entries 1.253431e+07
TOF MULT
TOF tray

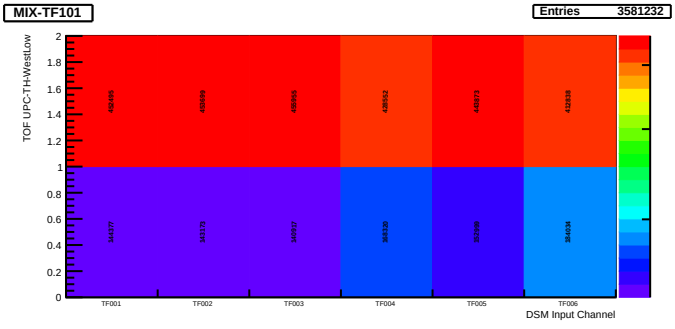

MIX-TF004
Entries 1.253431e+07
TOF MULT
TOF tray

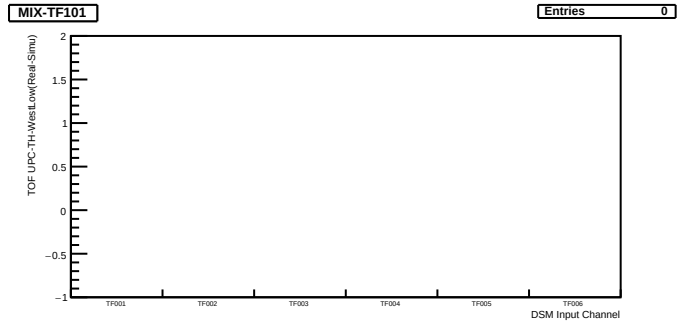

MIX-TF005
Entries 1.253431e+07
TOF MULT
TOF tray

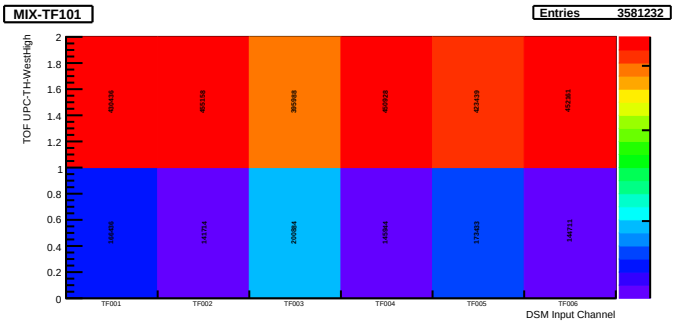

MIX-TF006
Entries 1.253431e+07
TOF MULT
TOF tray

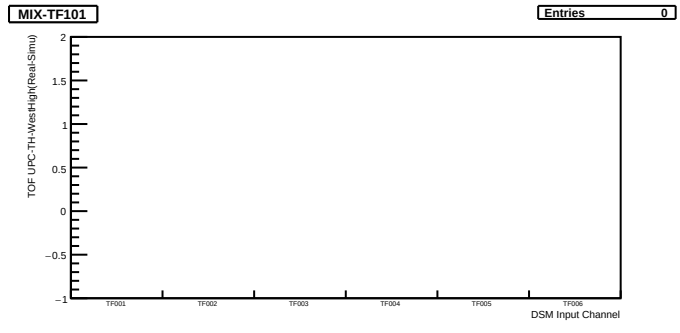

MIX-TF101
Entries 3581232
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

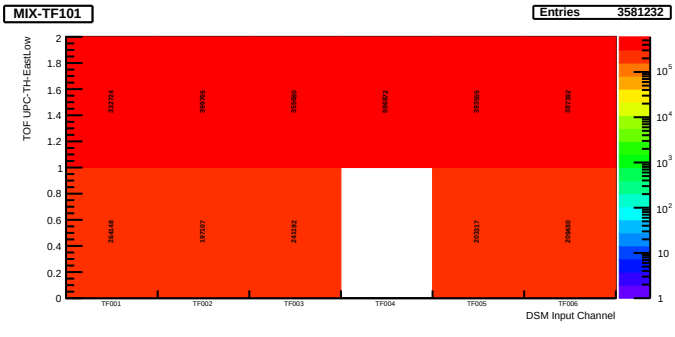

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

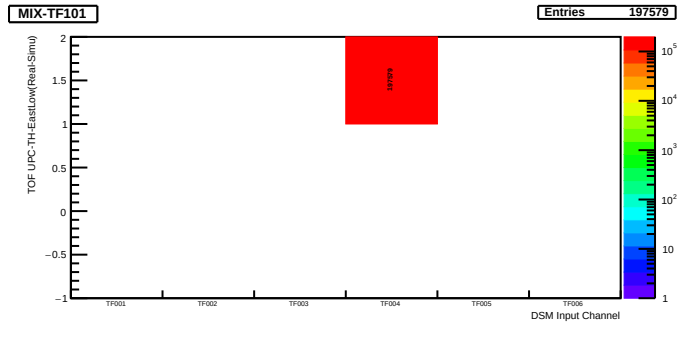

MIX-TF101
Entries 3581232
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

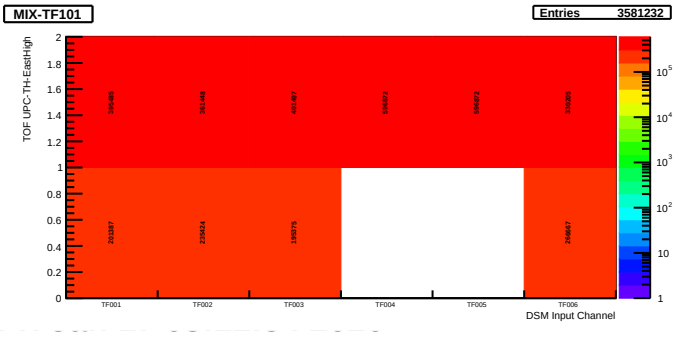

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

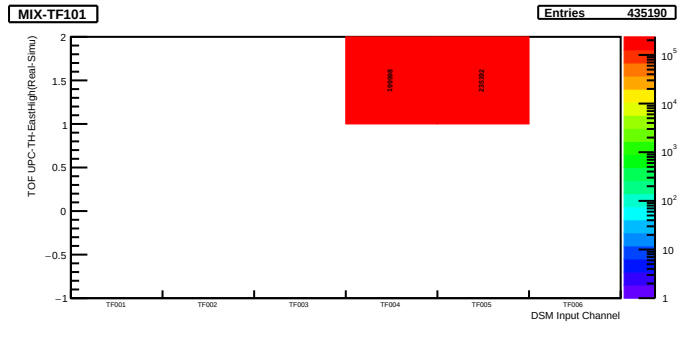

MIX-TF101
Entries 3581232
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

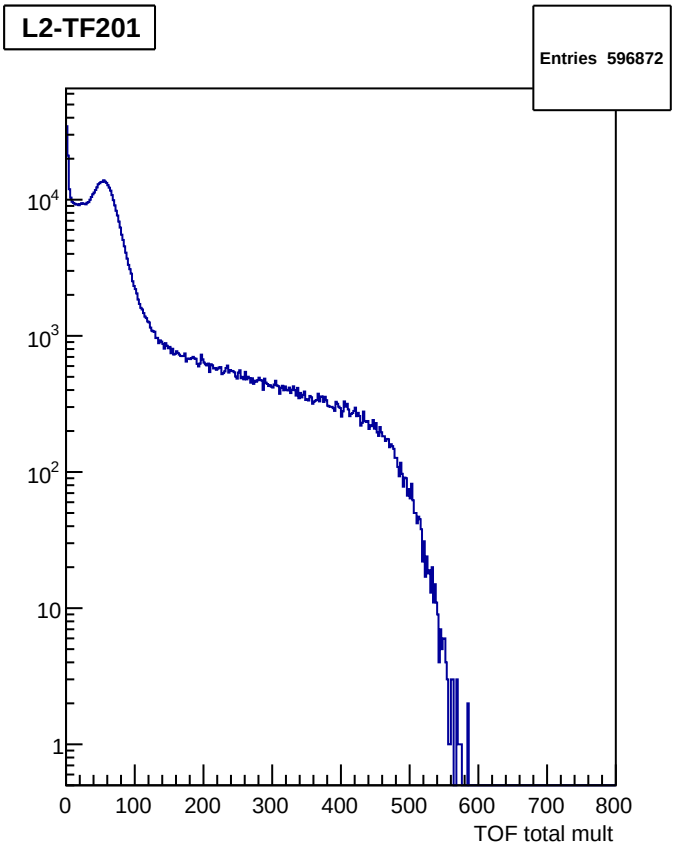

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

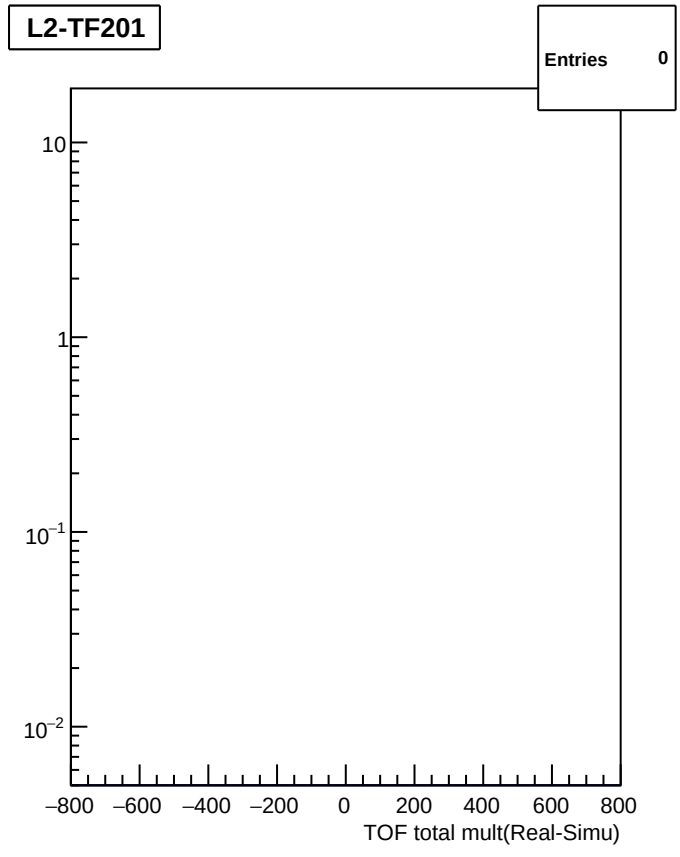

MIX-TF101
Entries 3581232
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

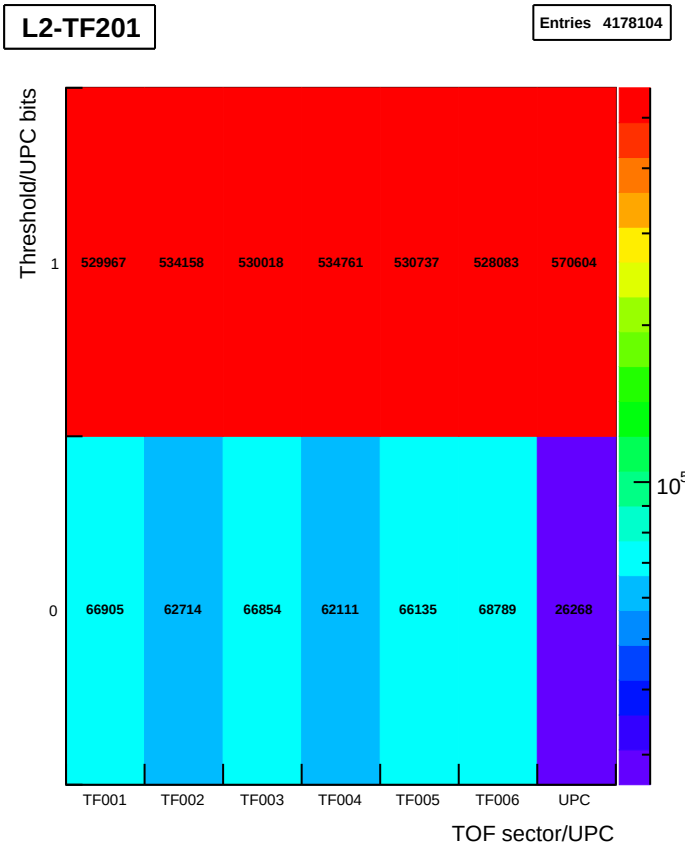

MIX-TF101
Entries 197579
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

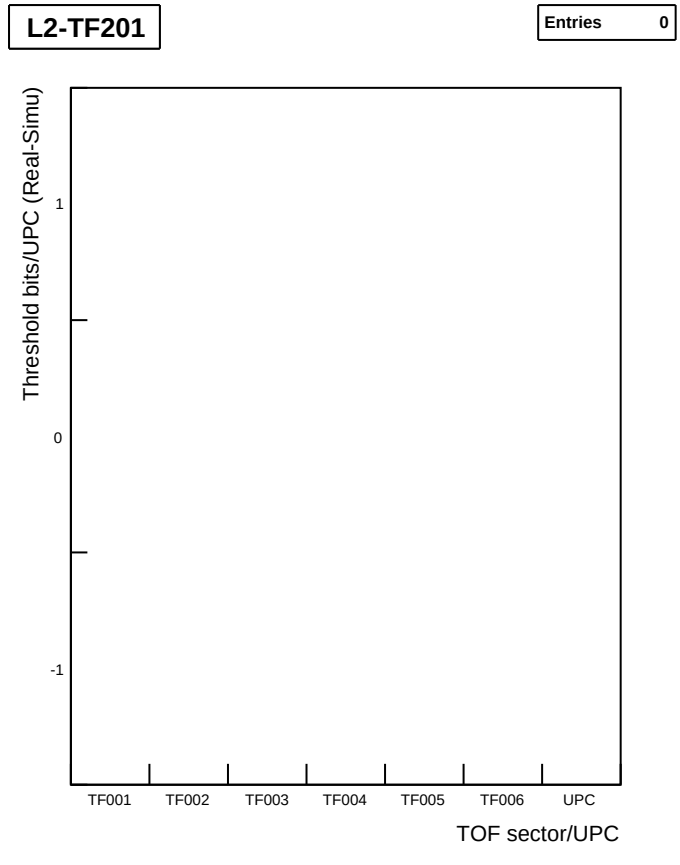

MIX-TF101
Entries 3581232
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

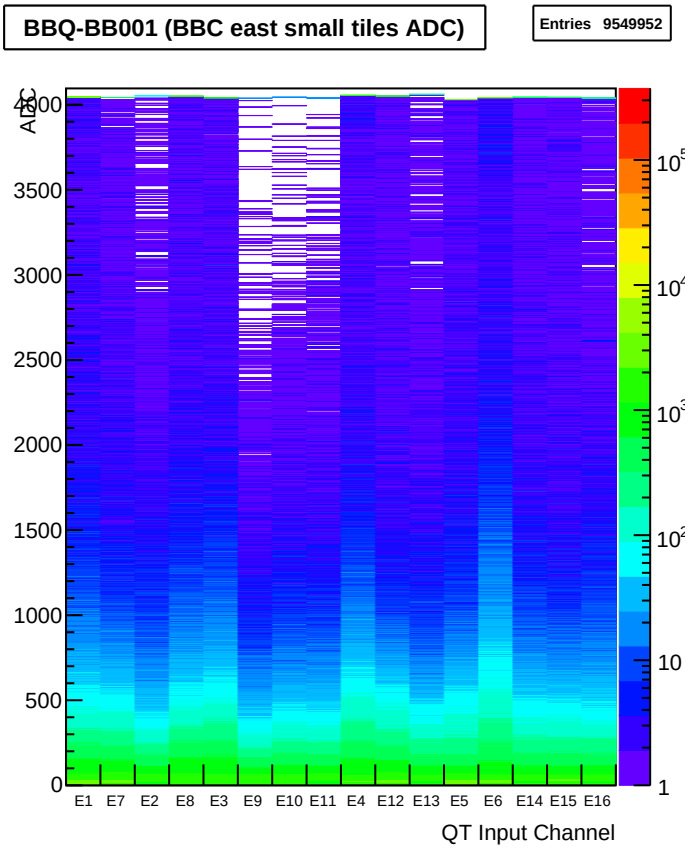

MIX-TF101
Entries 435190
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

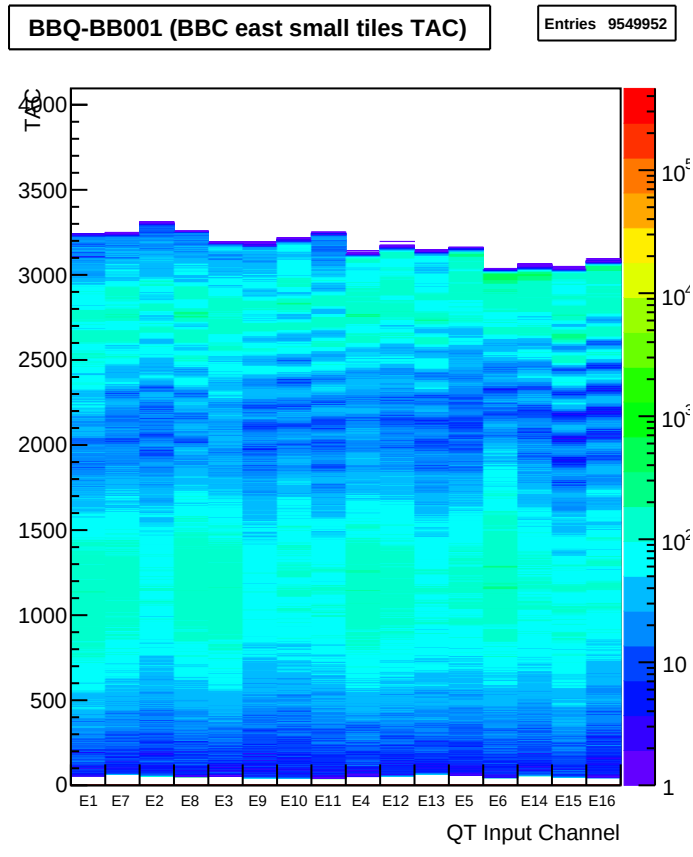

L2-TF201
Entries 596872
TOF total mult

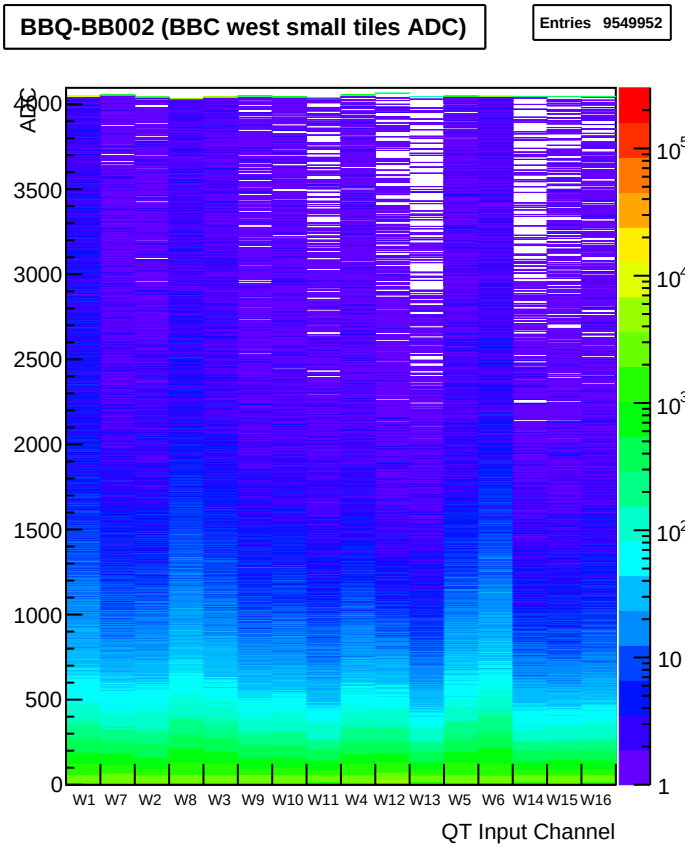

L2-TF201
Entries 0
TOF total mult(Real-Simu)

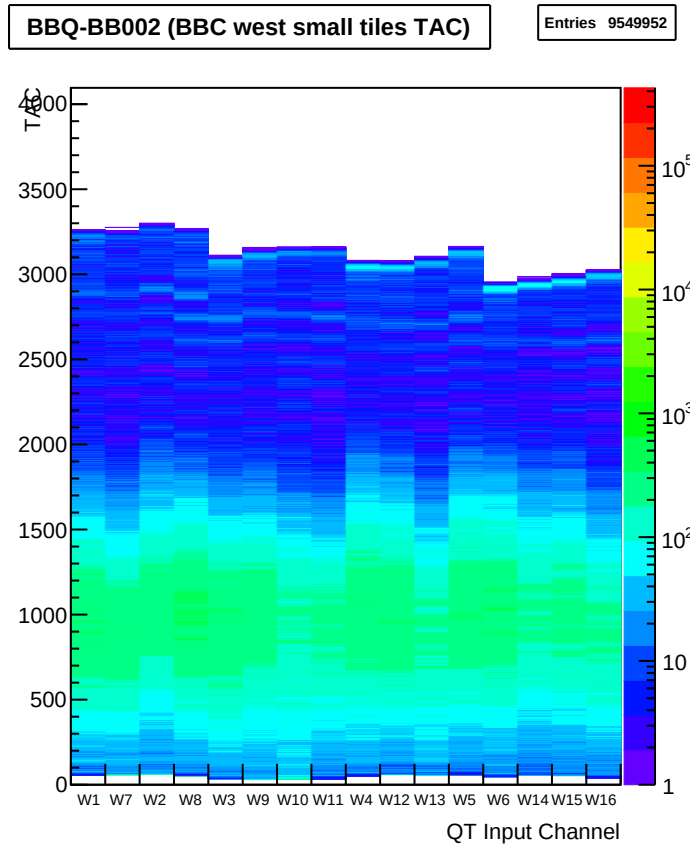

L2-TF201
Entries 4178104
Threshold/UPC bits
529967
534158
530018
534761
530737
528083
570604
66905
62714
66854
62111
66135
68789
26268
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

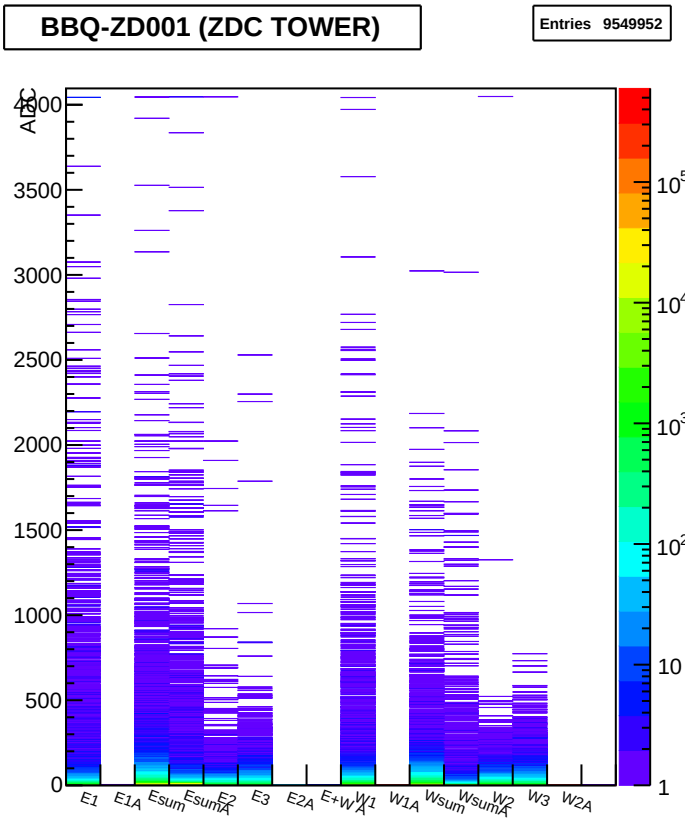

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

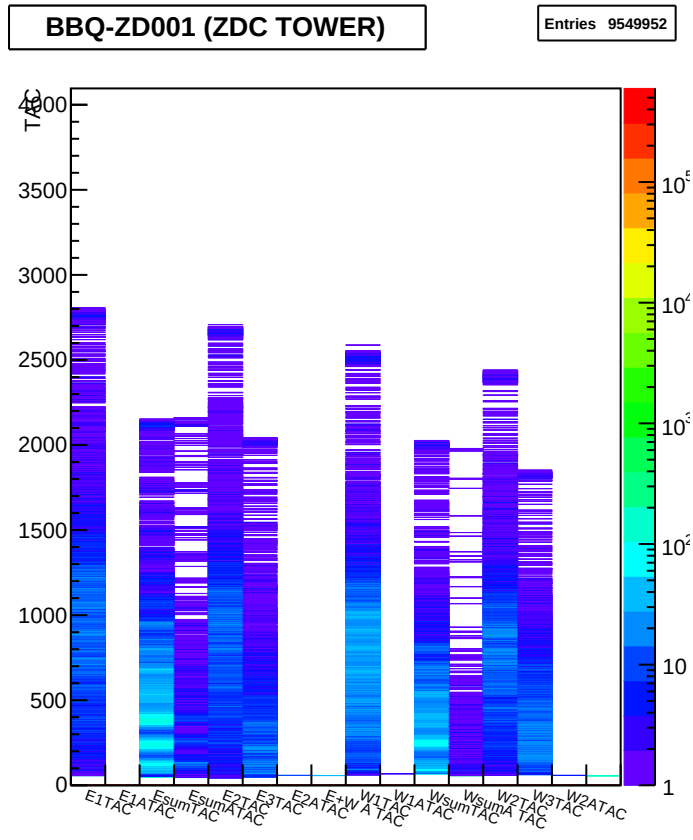

BBQ-BB001 (BBC east small tiles ADC)
Entries 9549952
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

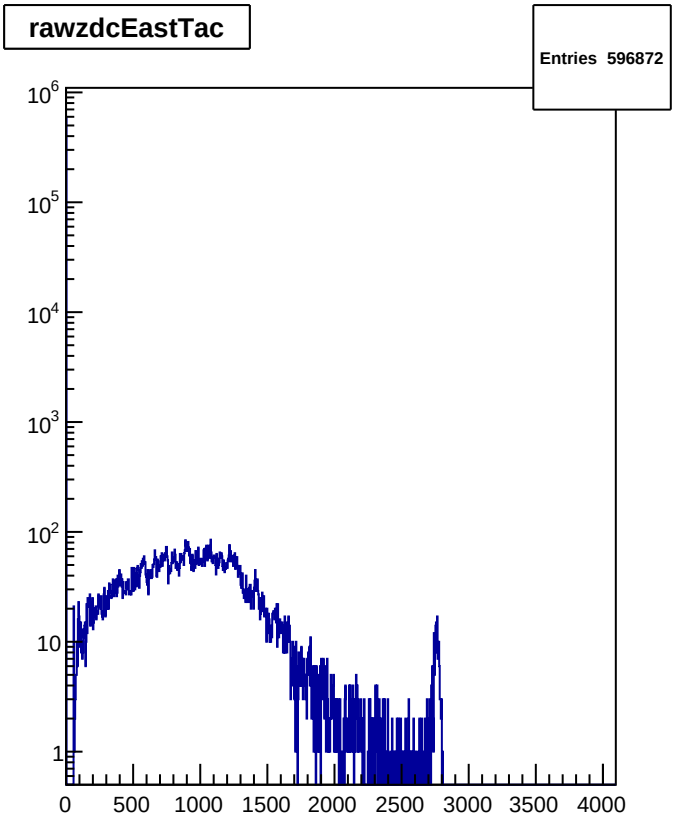

BBQ-BB001 (BBC east small tiles TAC)
Entries 9549952
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

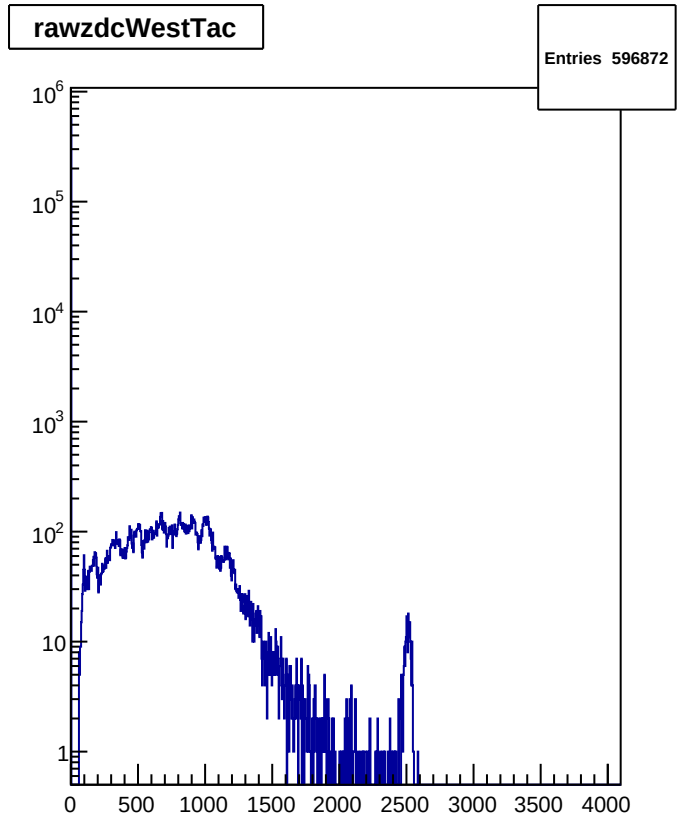

BBQ-BB002 (BBC west small tiles ADC)
Entries 9549952
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

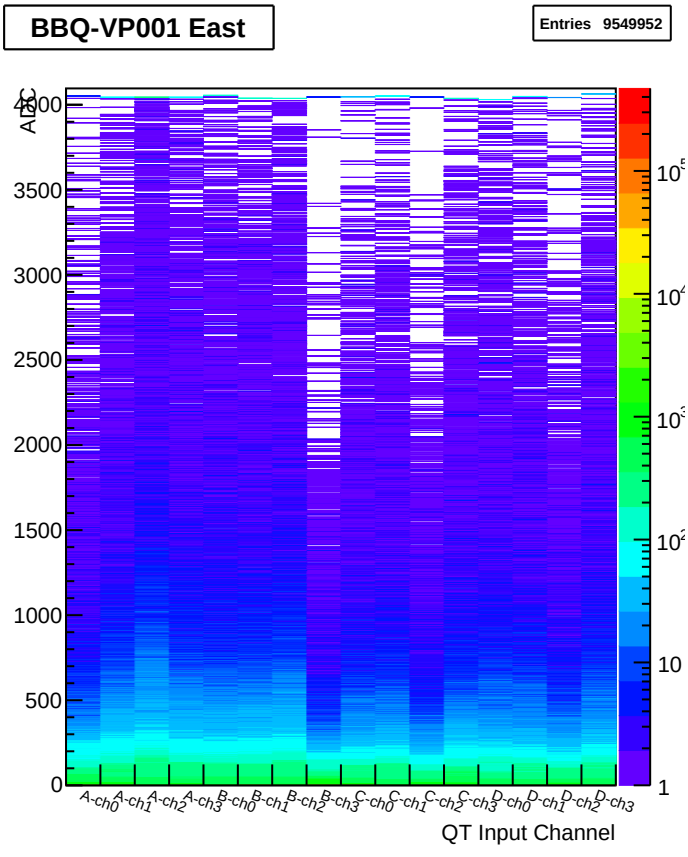

BBQ-BB002 (BBC west small tiles TAC)
Entries 9549952
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

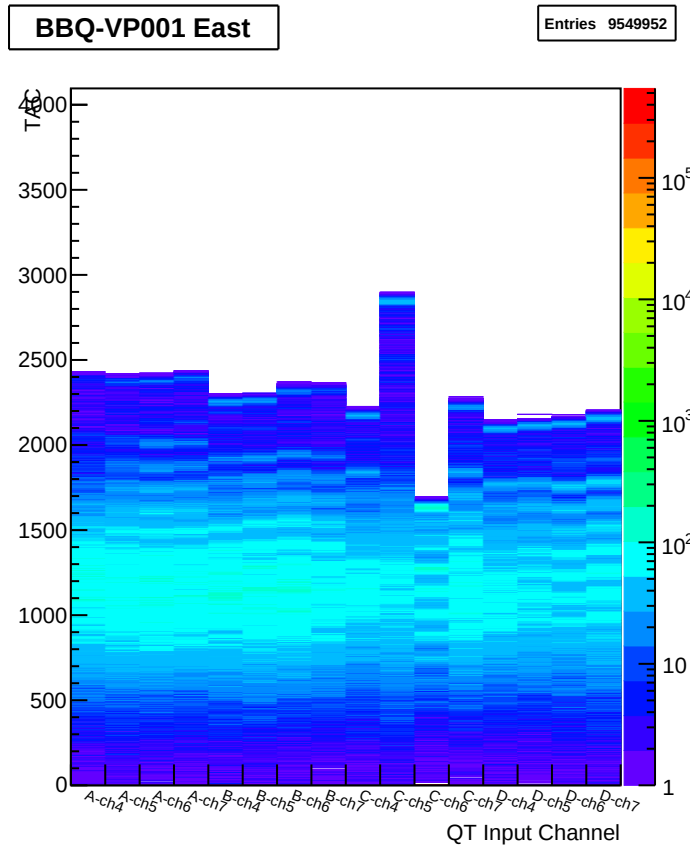

BBQ-ZD001 (ZDC TOWER)
Entries 9549952
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

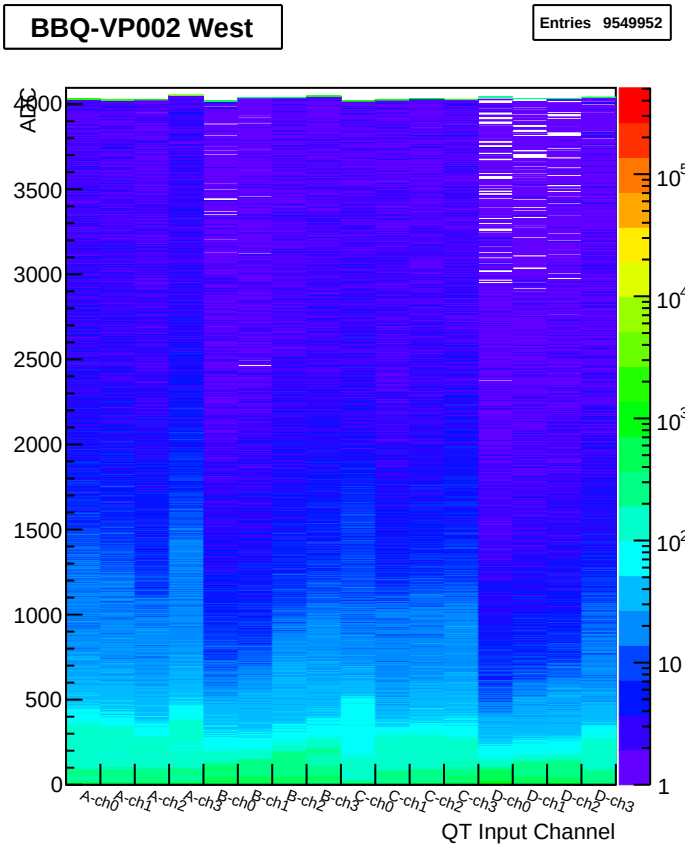

BBQ-ZD001 (ZDC TOWER)
Entries 9549952
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

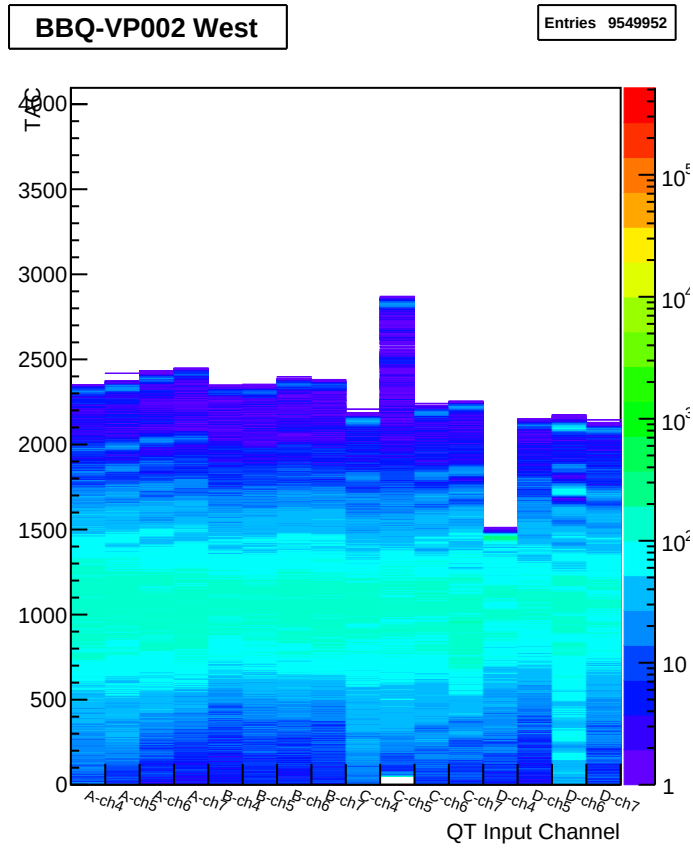

rawzdcEastTac
Entries 596872

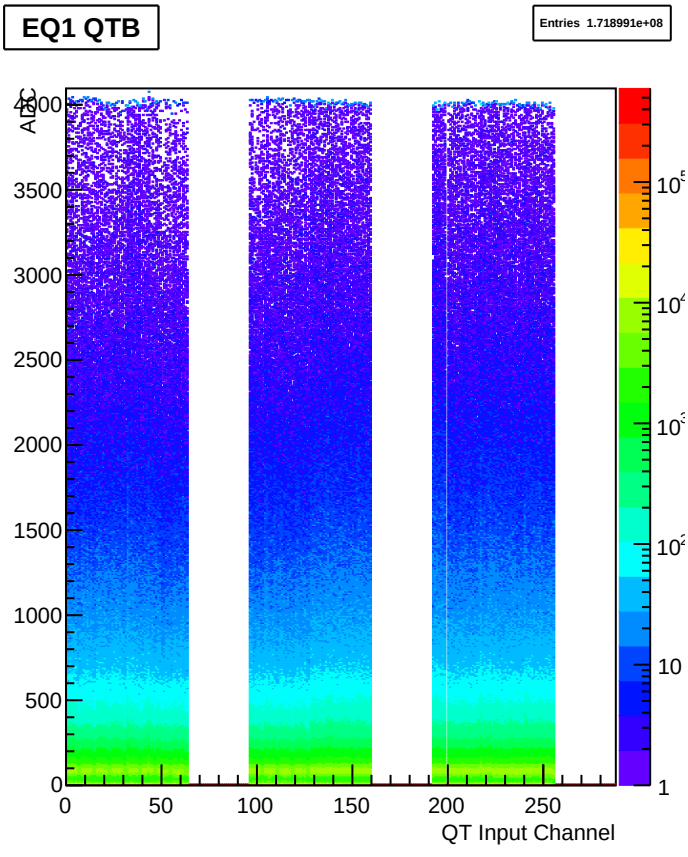

rawzdcWestTac
Entries 596872

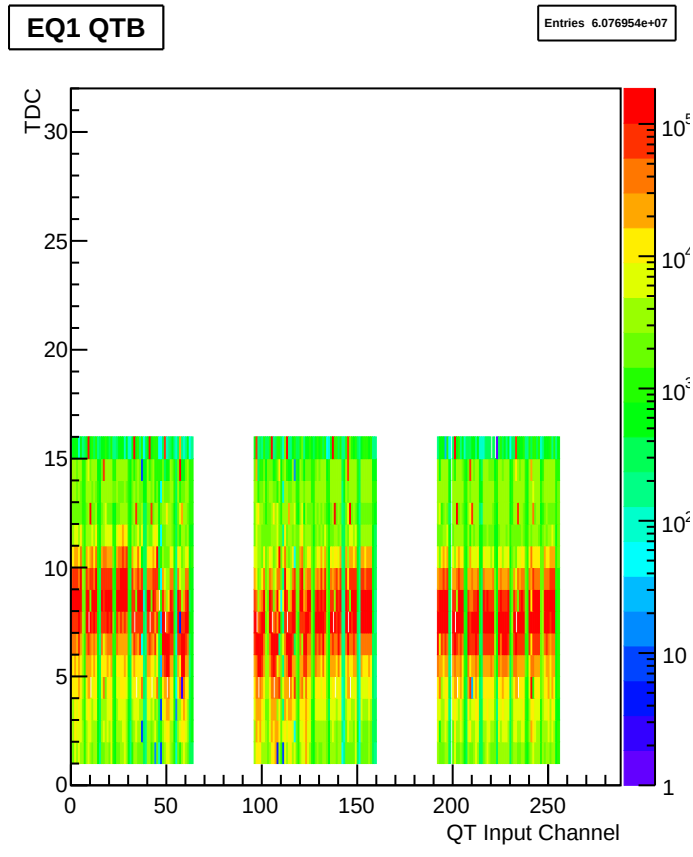

BBQ-VP001 East
Entries 9549952
ADC
QT Input Channel

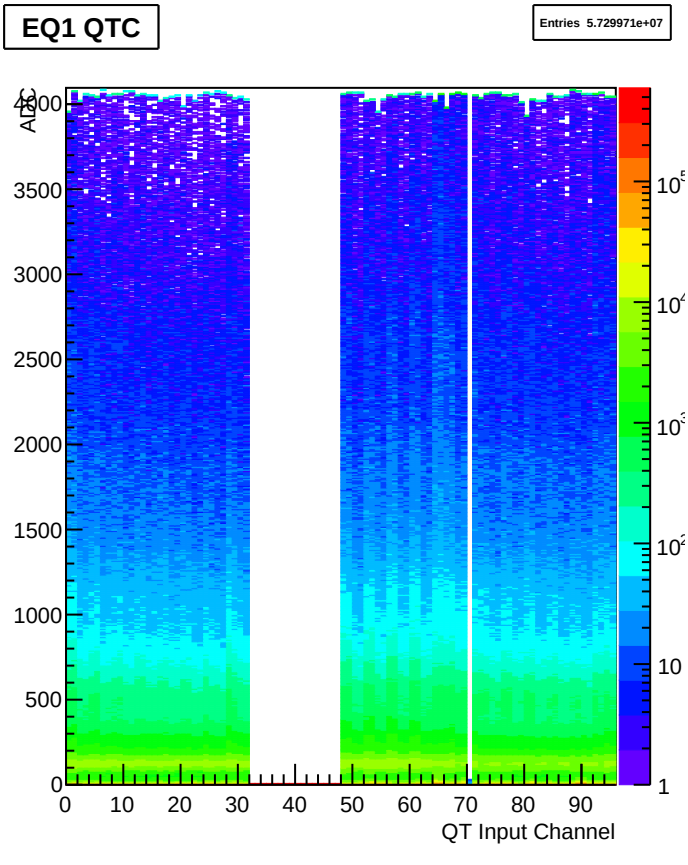

BBQ-VP001 East
Entries 9549952
ADC
QT Input Channel

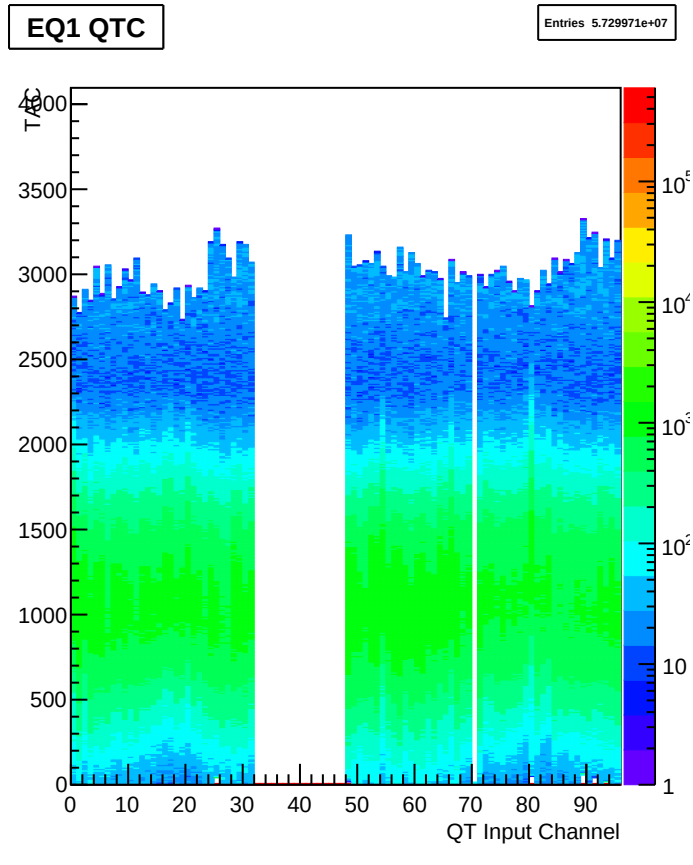

BBQ-VP002 West
Entries 9549952
ADC
QT Input Channel

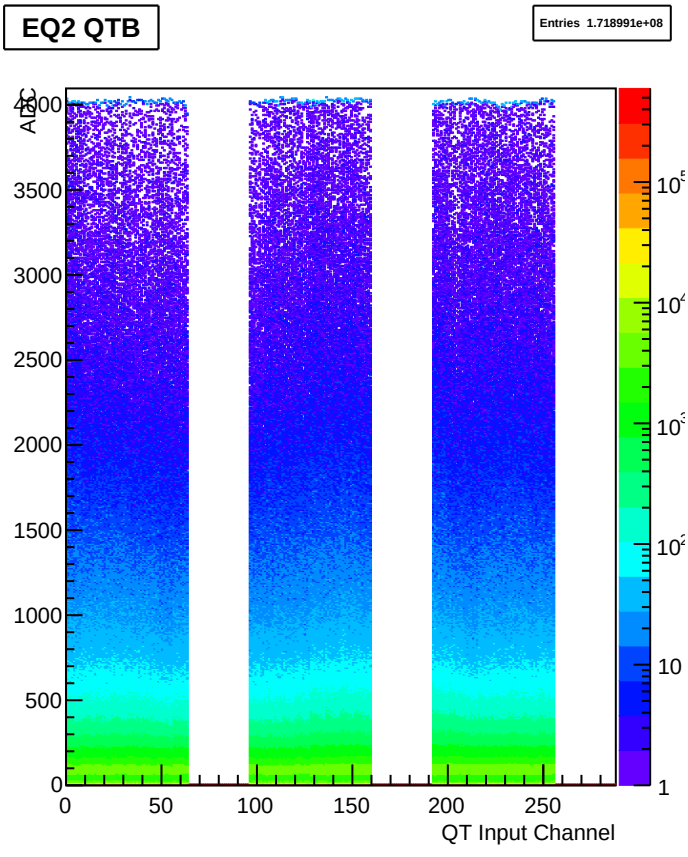

BBQ-VP002 West
Entries 9549952
ADC
QT Input Channel

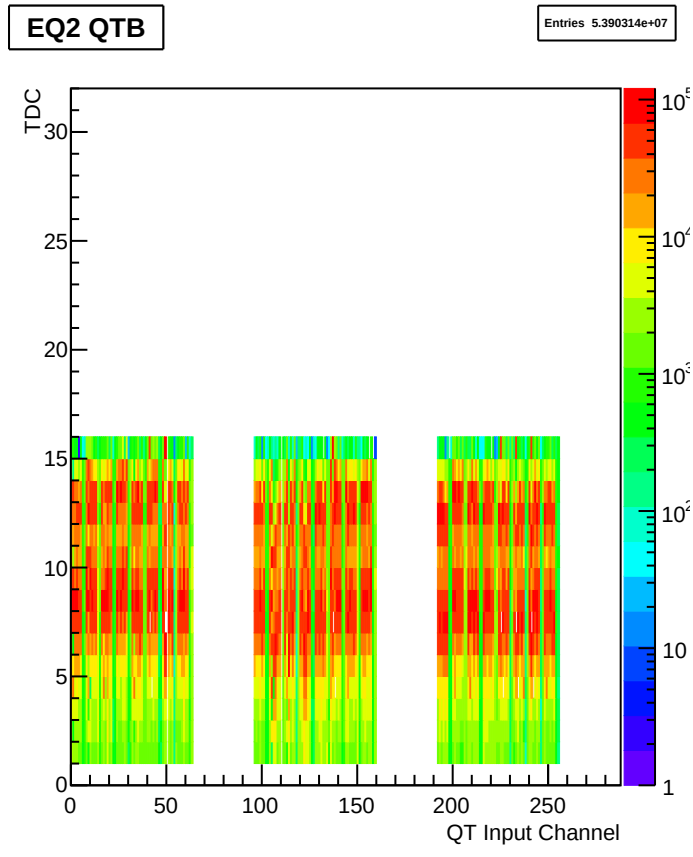

EQ1 QTB
Entries 1.718991e+08
ADC
QT Input Channel

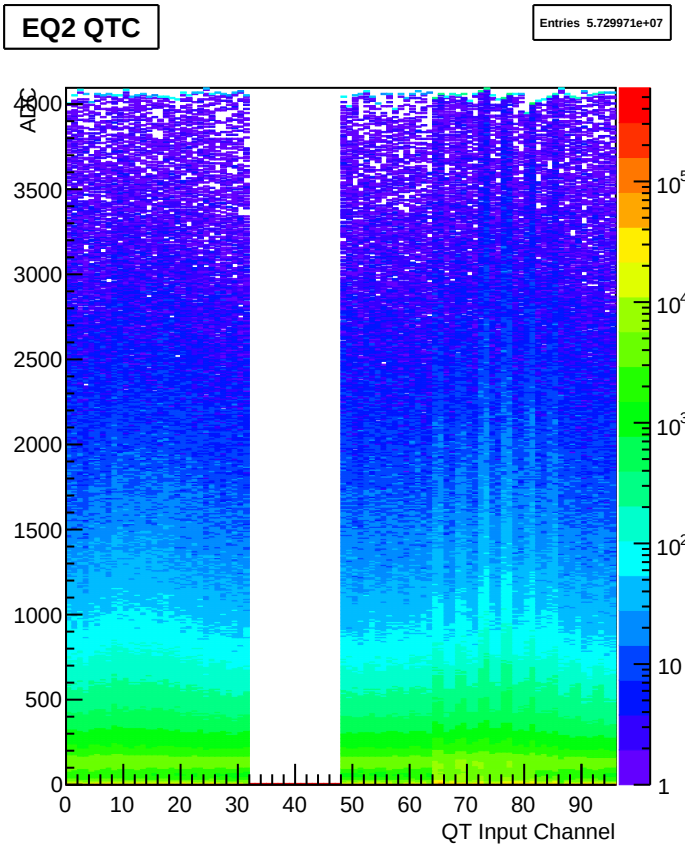

EQ1 QTB
Entries 6.076954e+07
TDC
QT Input Channel

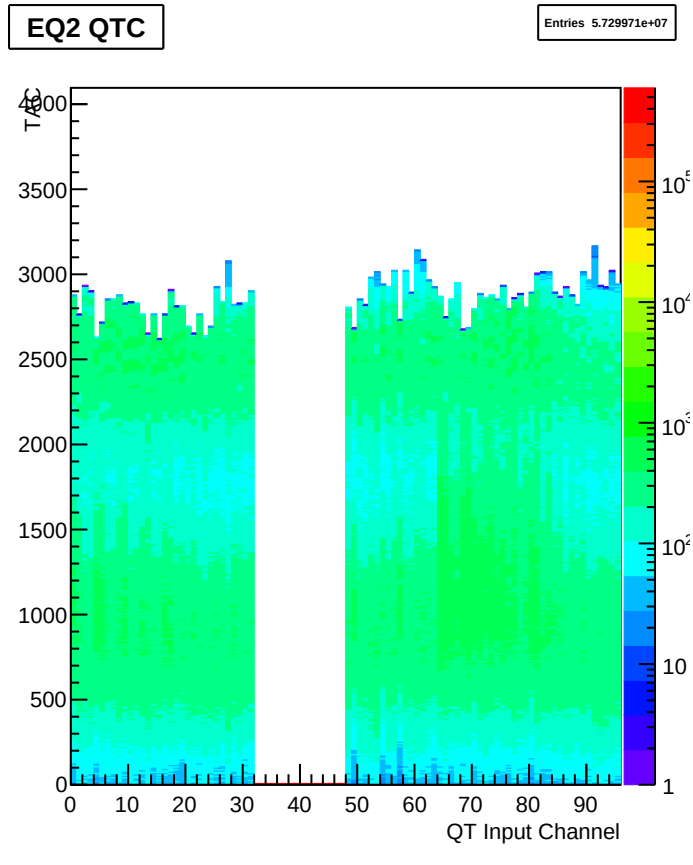

EQ1 QTC
Entries 5.729971e+07
ADC
QT Input Channel

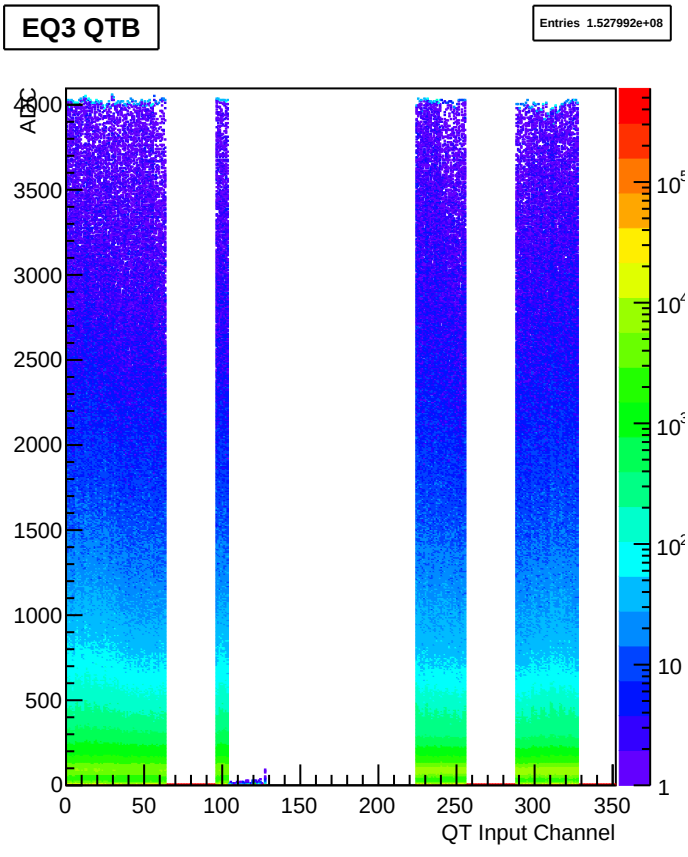

EQ1 QTC
Entries 5.729971e+07
TADC
QT Input Channel

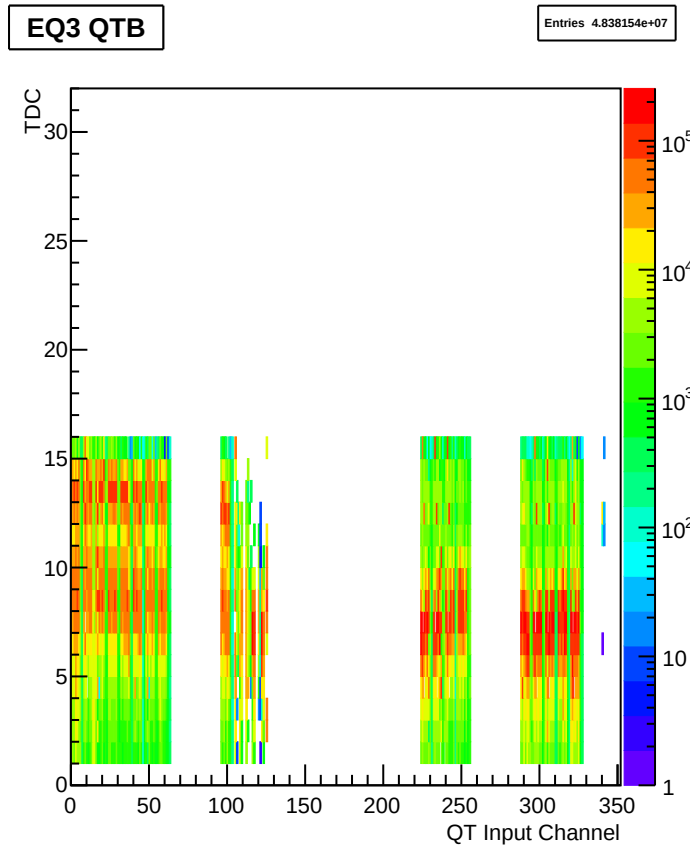

EQ2 QTB
Entries 1.718991e+08
ADC
QT Input Channel

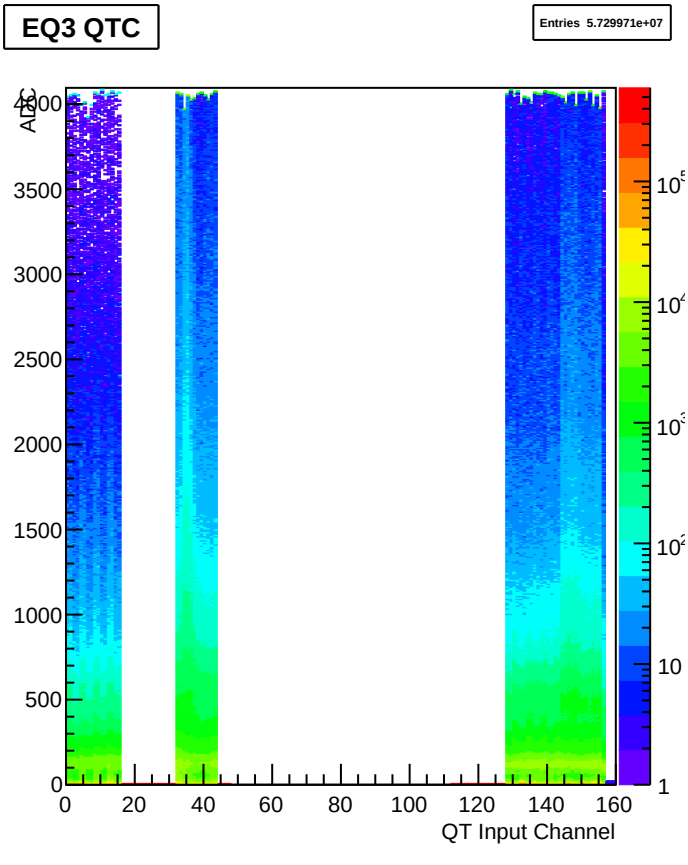

EQ2 QTB
Entries 5.390314e+07
TDC
QT Input Channel

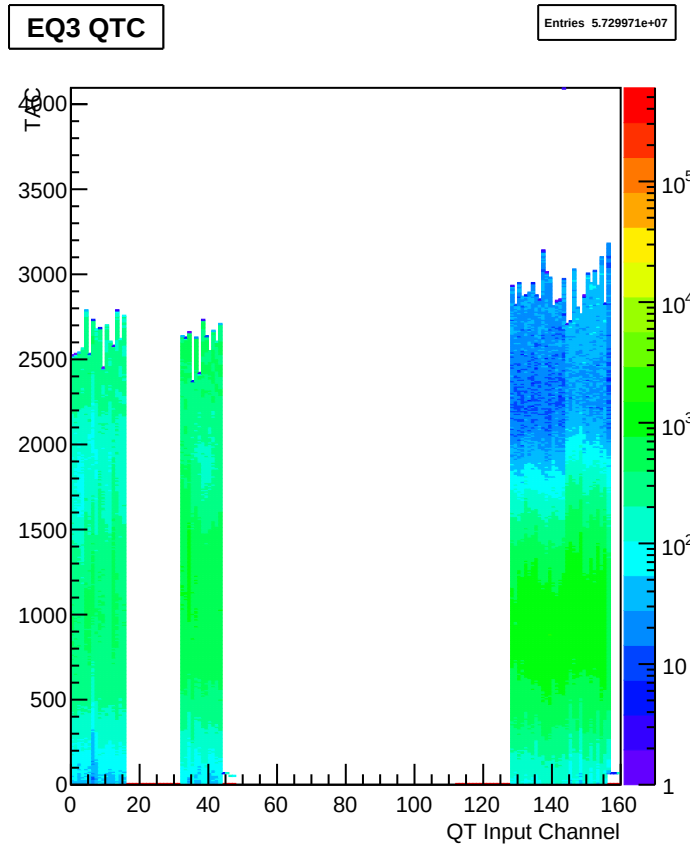

EQ2 QTC
Entries 5.729971e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.729971e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.527992e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.838154e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.729971e+07
ADC
QT Input Channel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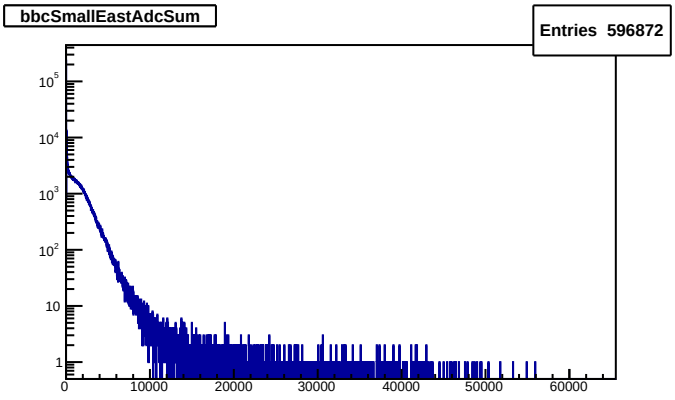
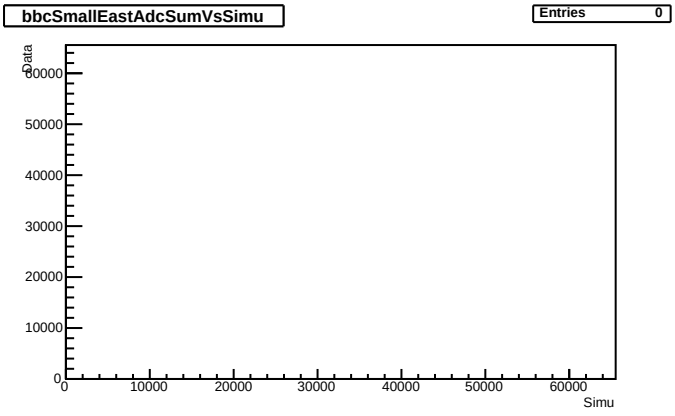
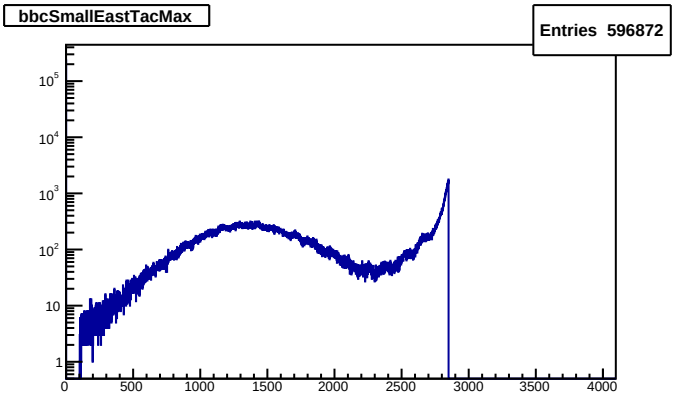
QT Input Channel


bbcSmallEastAdcSum
Entries 596872


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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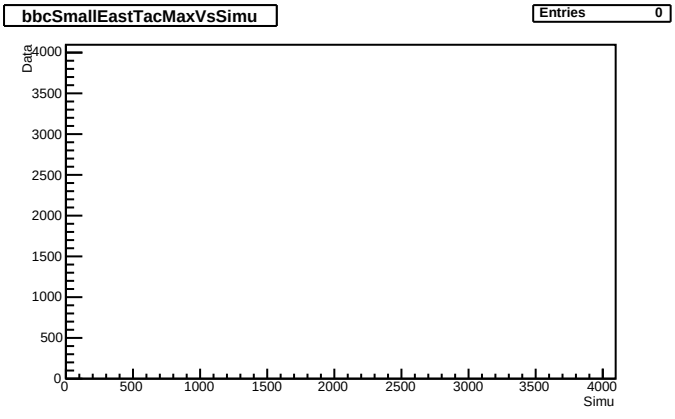
Entries 596872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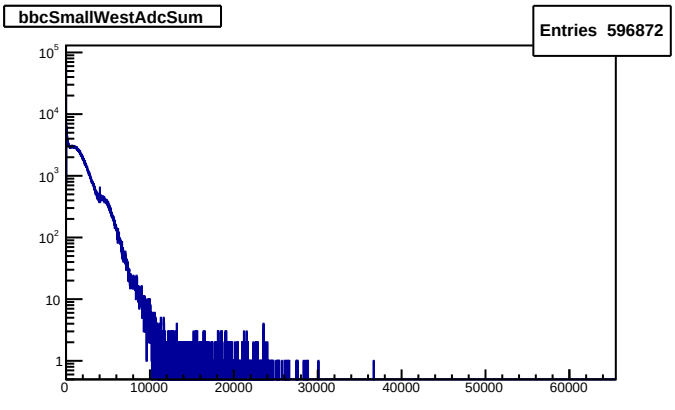
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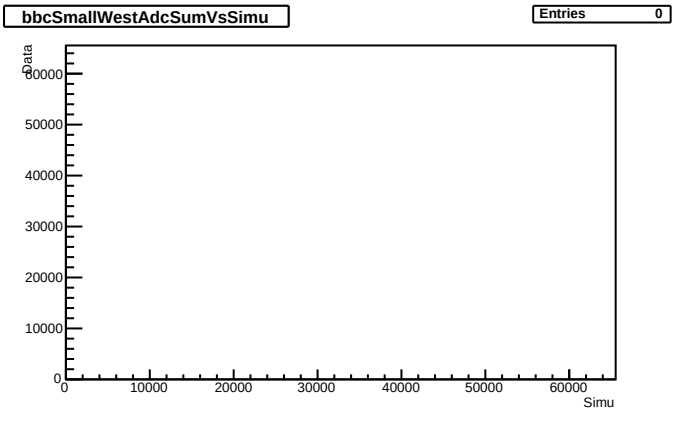
Entries 596872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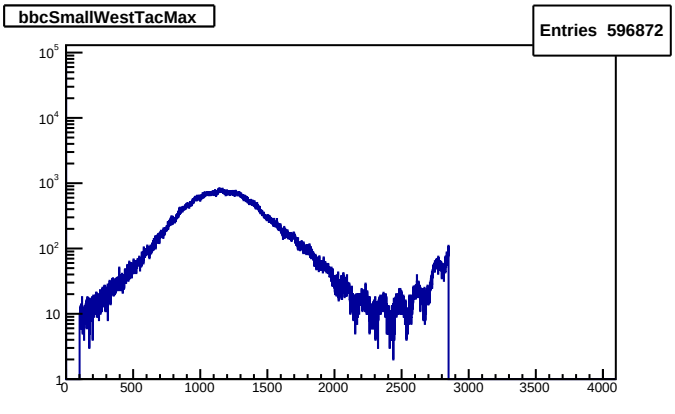
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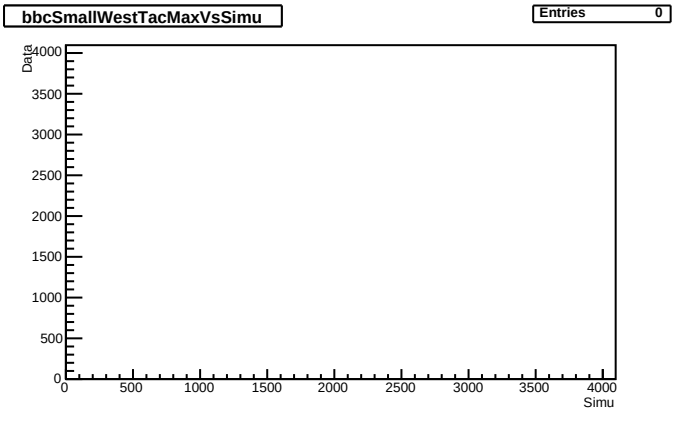
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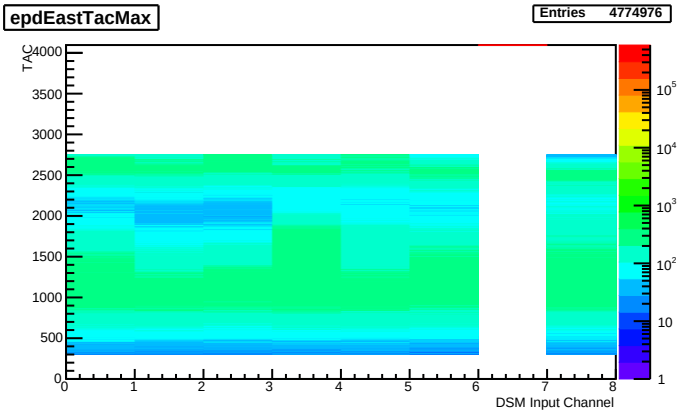
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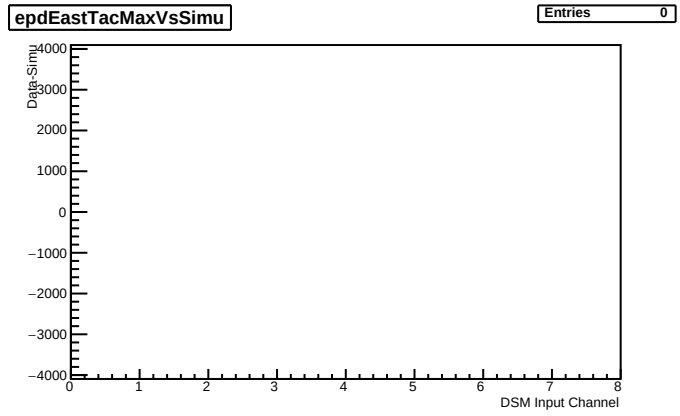
Entries 4774976
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
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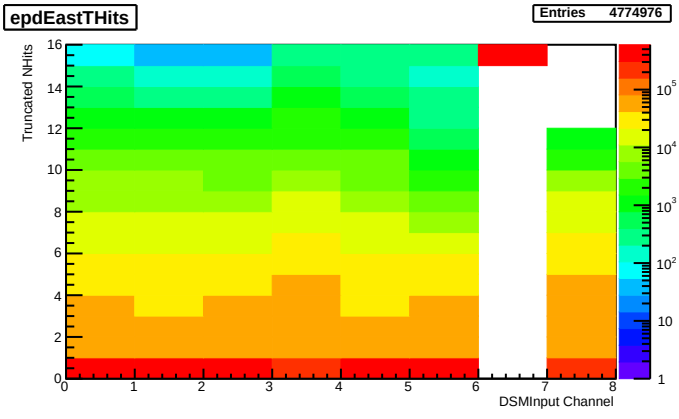
DSM Input Channel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Entries 4774976
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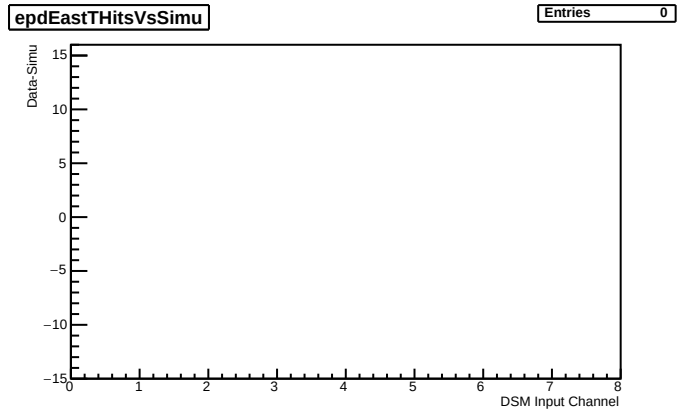
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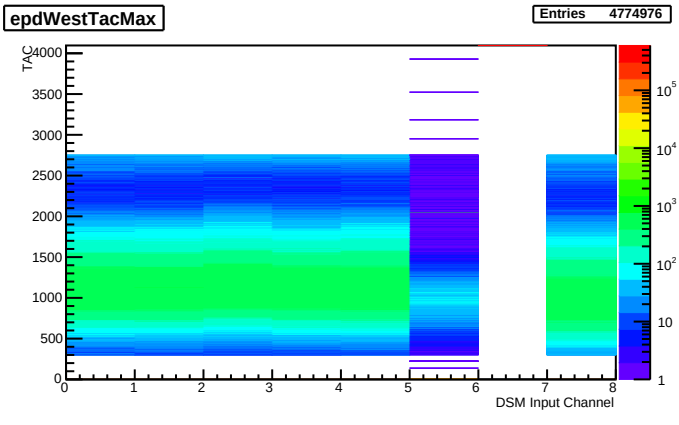
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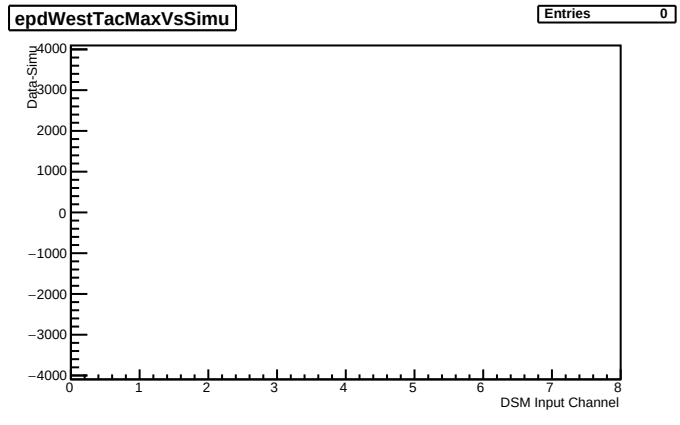
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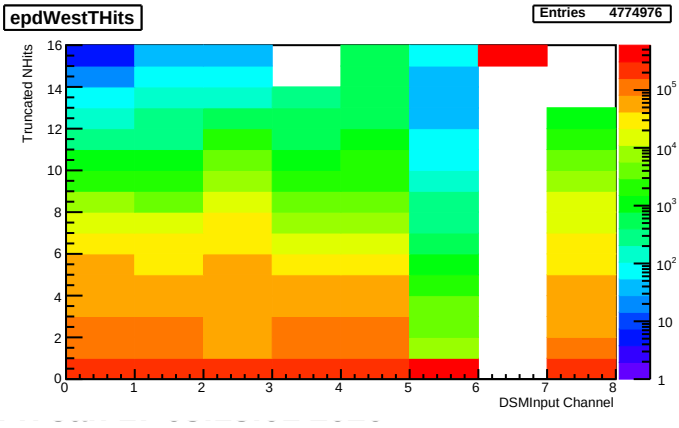
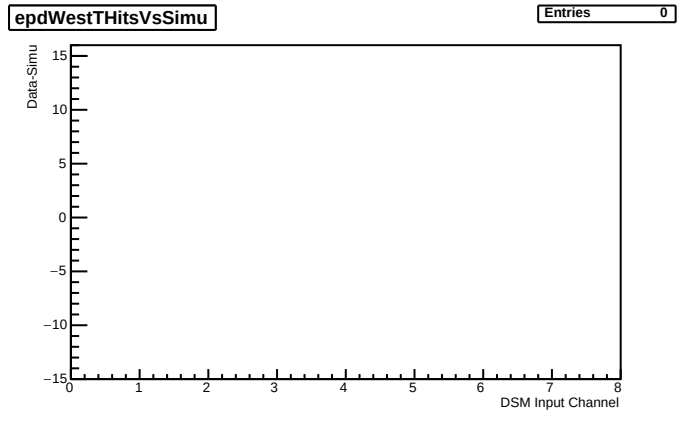
DSM Input Channel


epdWestTHits
Entries 4774976
Truncated NHits
DSMInput Channel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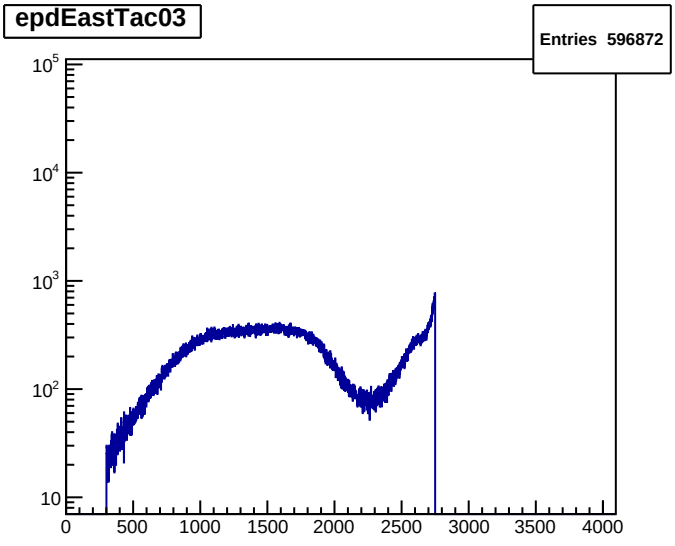
DSM Input Channel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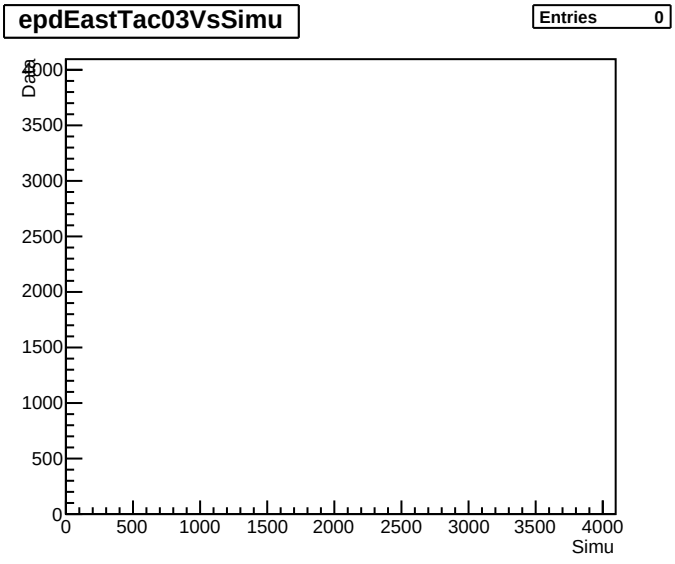
Entries 596872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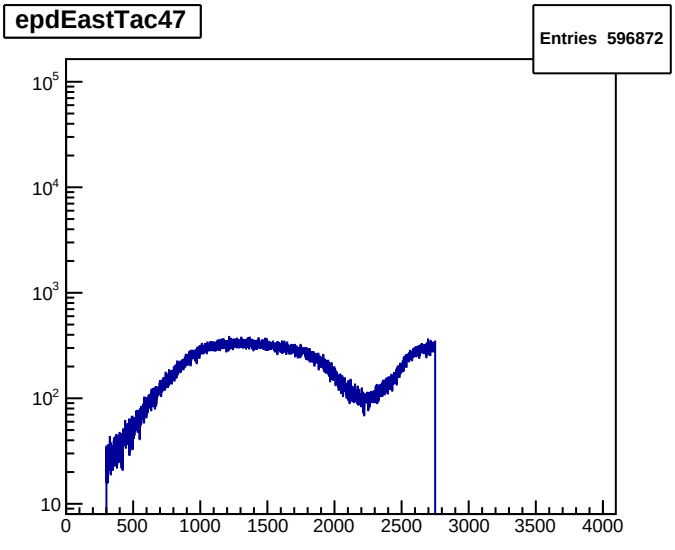
Entries 0
Data
Simu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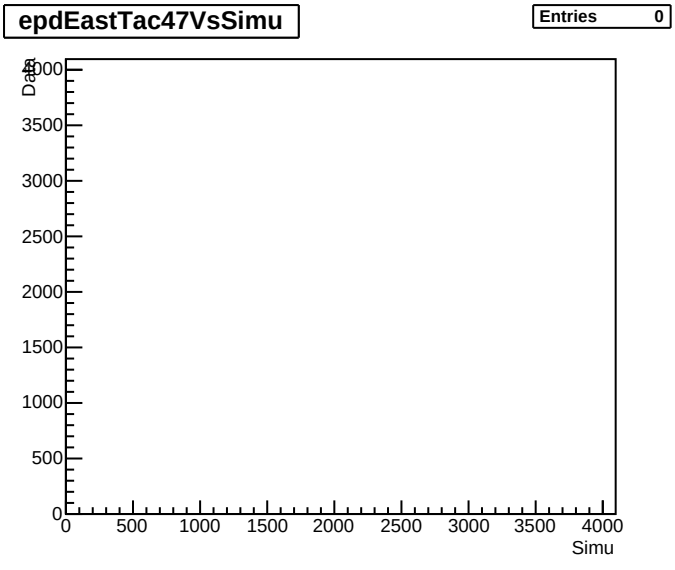
Entries 596872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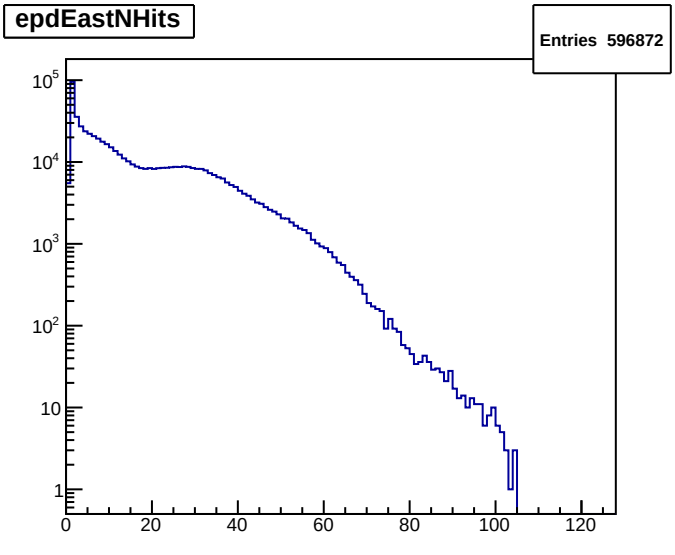
Entries 0
Data
Simu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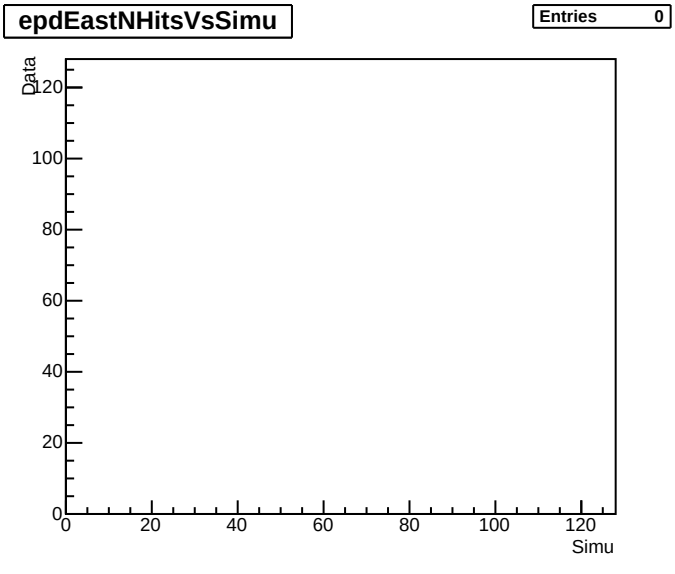
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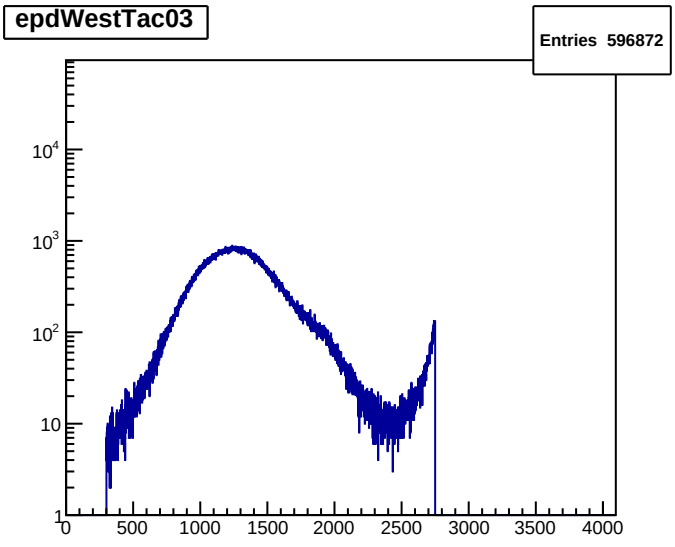
Simu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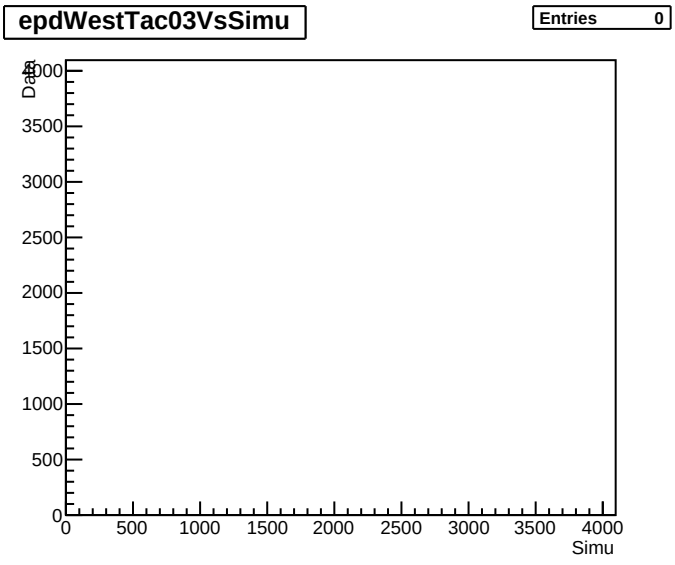
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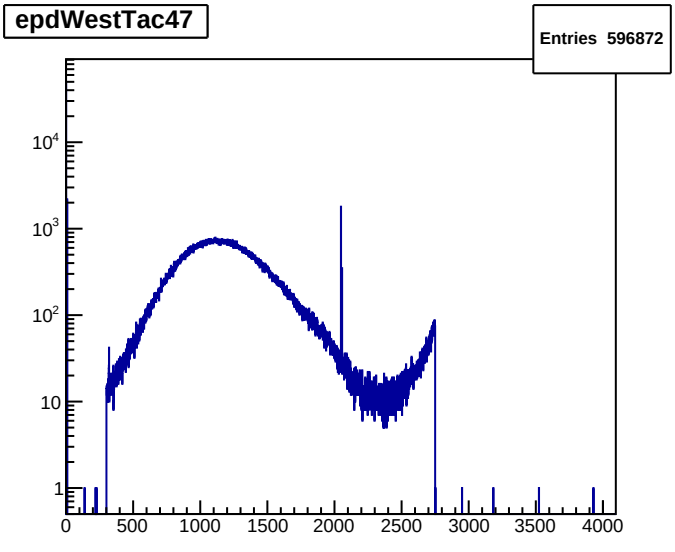
Simu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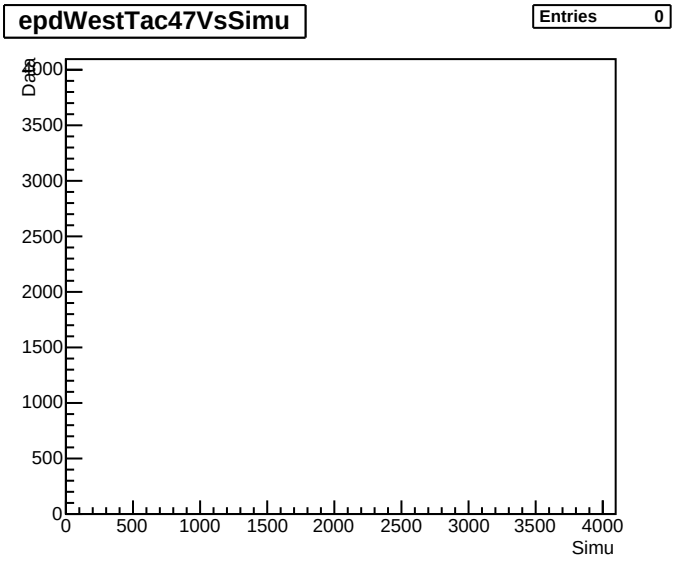
Entries 596872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Data
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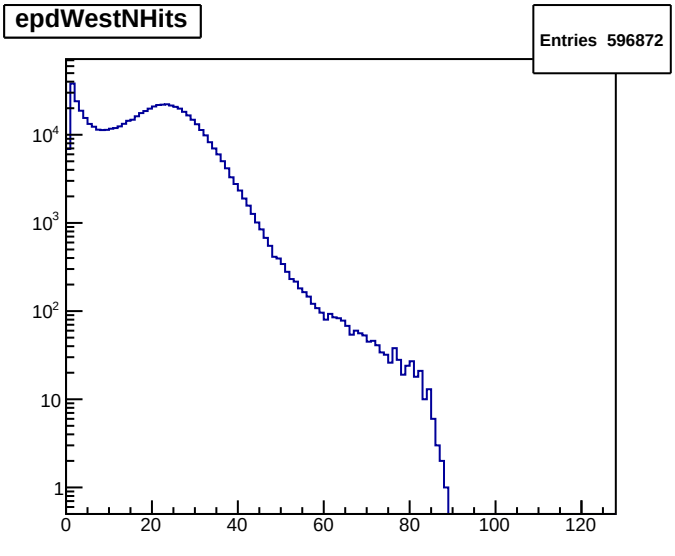
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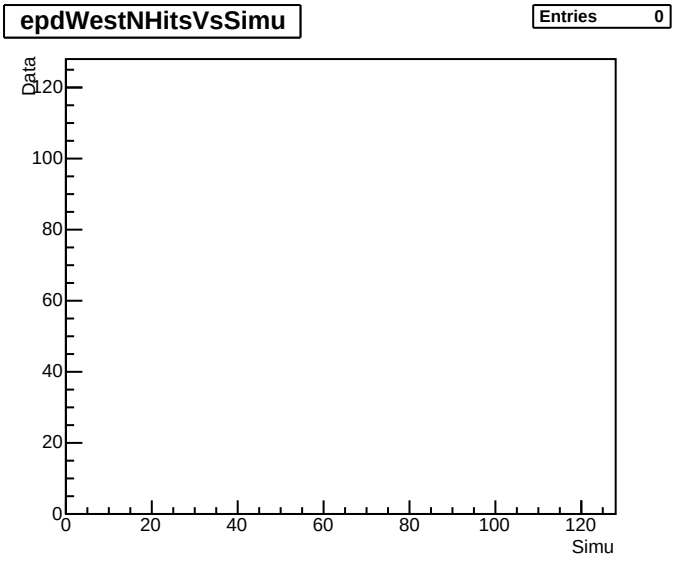
Entries 596872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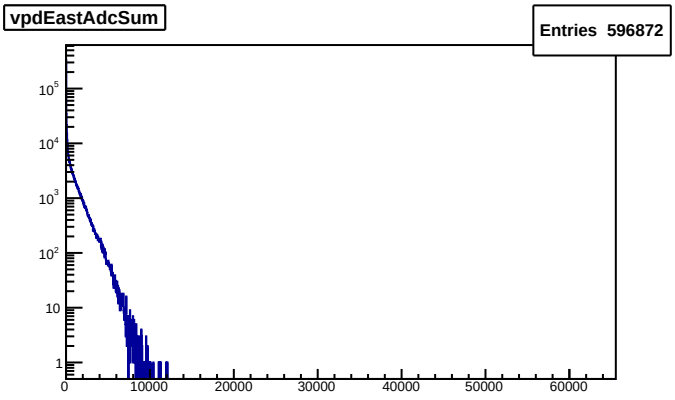
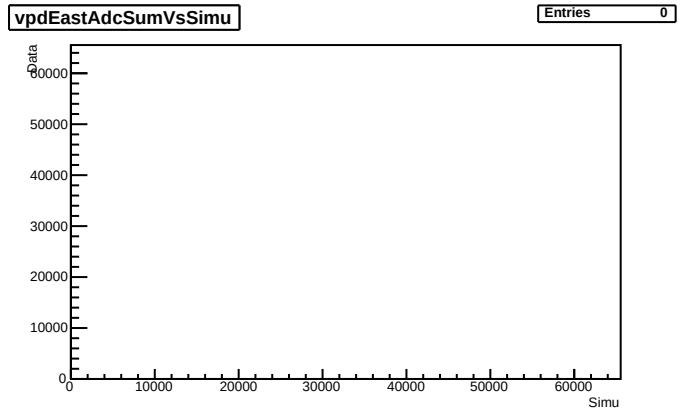
Entries 0
Data
Simu


vpdEastAdcSum
Entries 596872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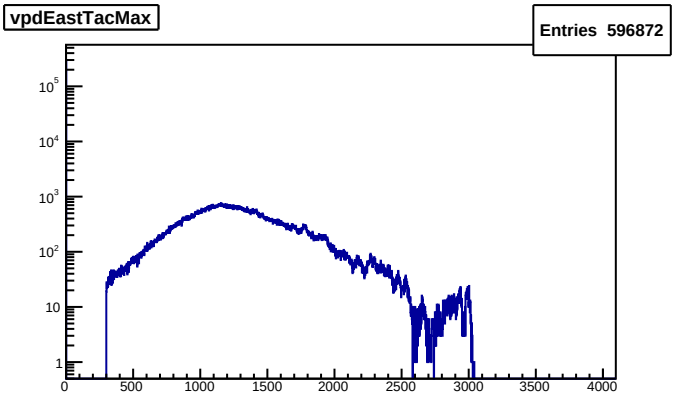
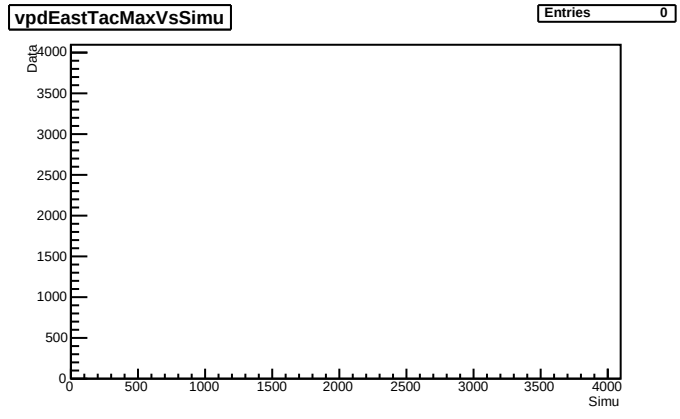
Entries 0
Data
Simu


vpdEastTacMax
Entries 596872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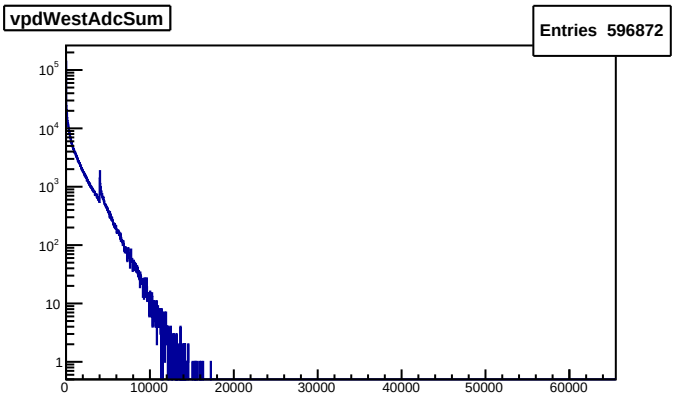
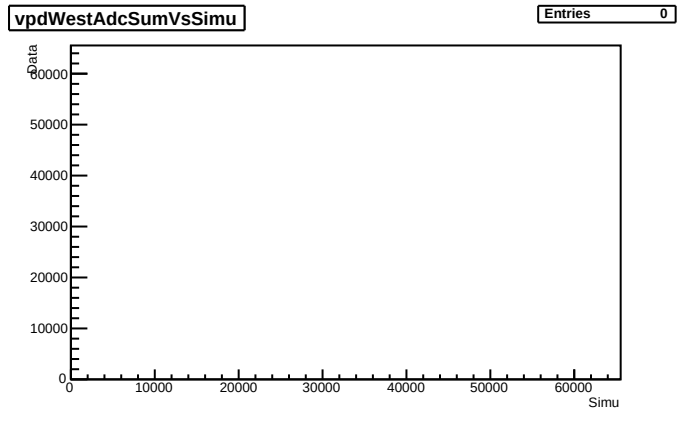
Simu


vpdWestAdcSum
Entries 596872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Entries 0
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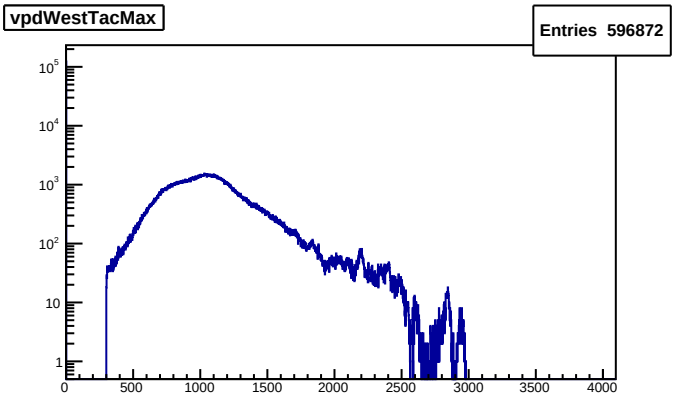
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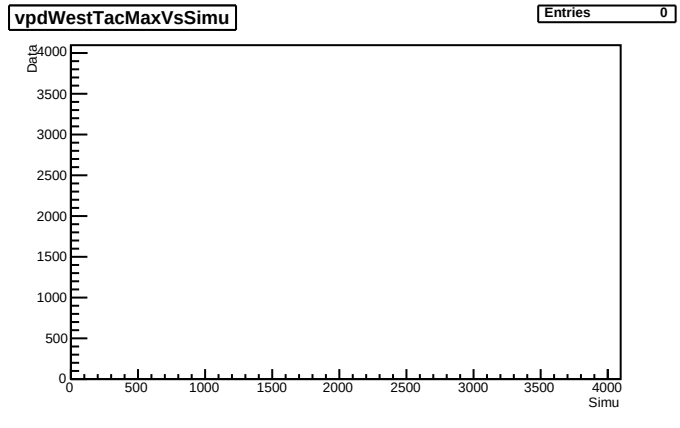
Entries 596872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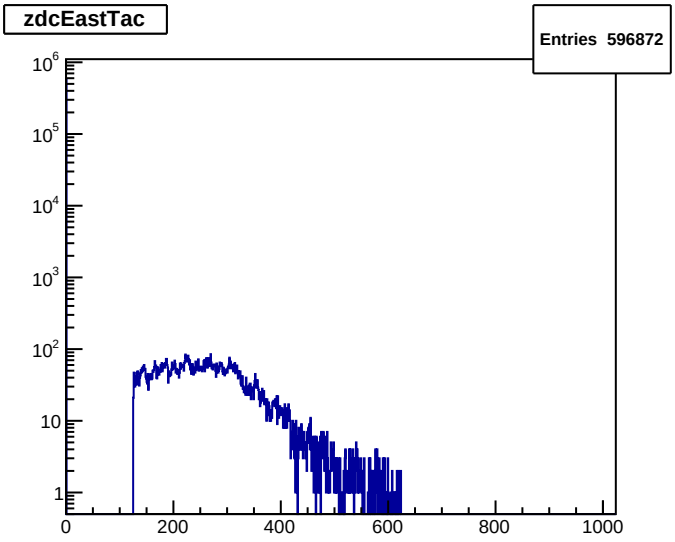
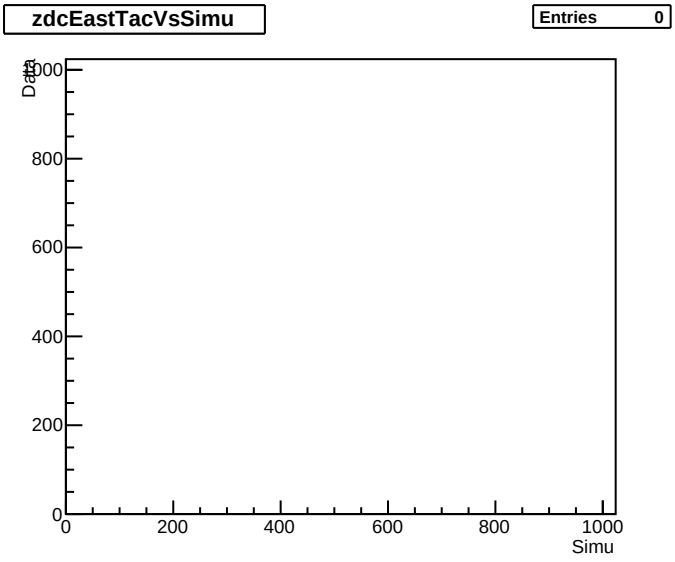
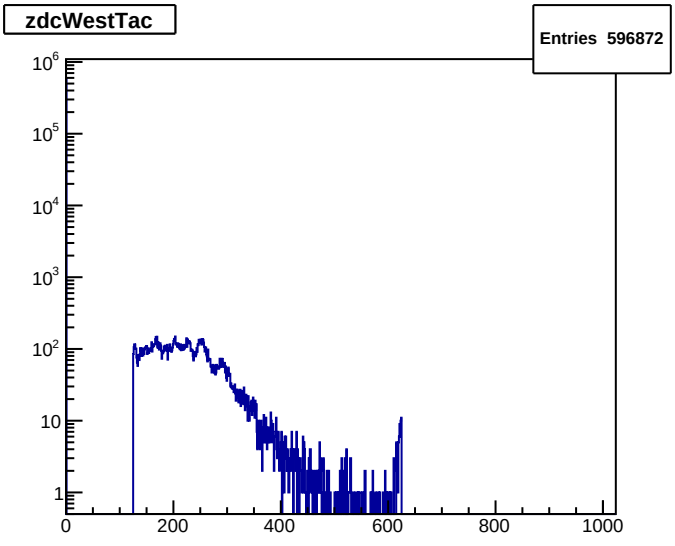
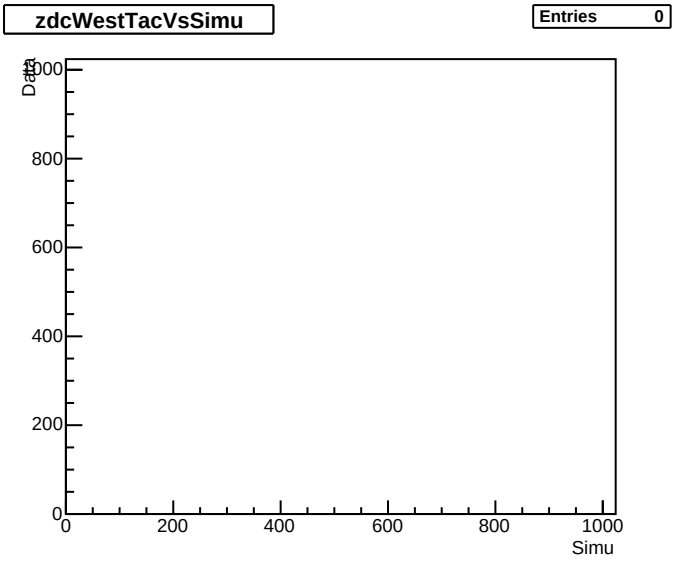
Entries 0
Data
Simu


zdcEastTac
Entries 596872


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 596872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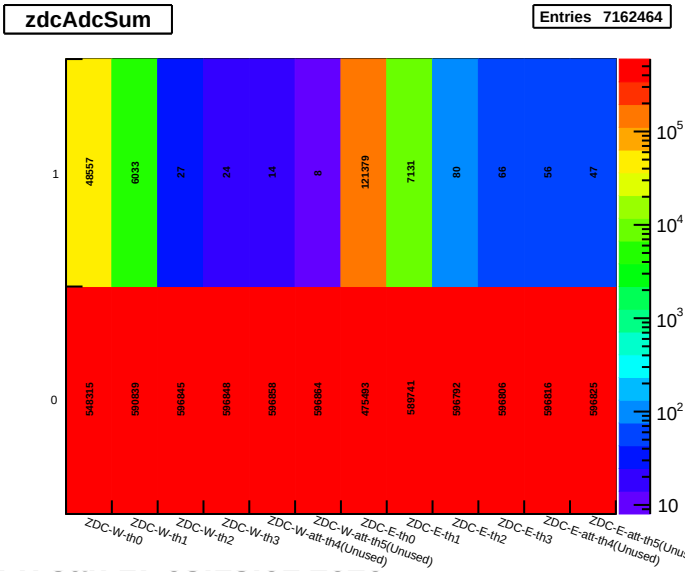
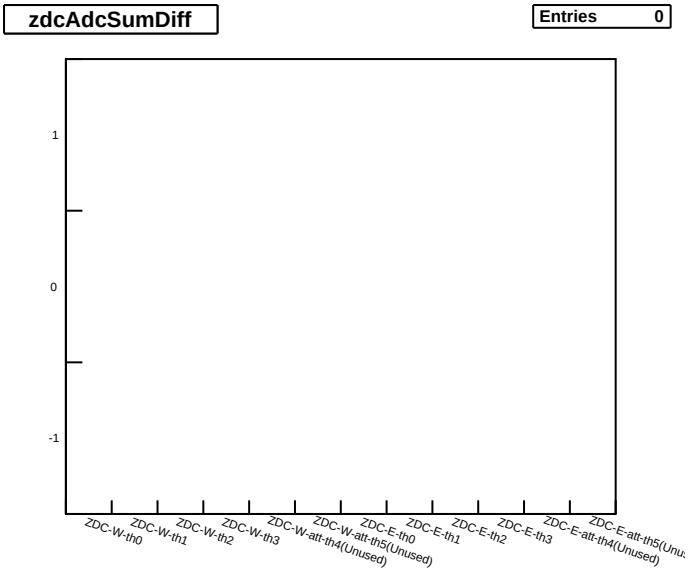
Entries 0
Data
Simu


zdcAdcSum
Entries 7162464
48557
6033
27
24
14
8
121379
7131
80
66
56
47
548315
590839
596845
596848
596858
596854
475493
589741
596792
596806
596816
596825
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)
ZDC-E-att-th5(Unu


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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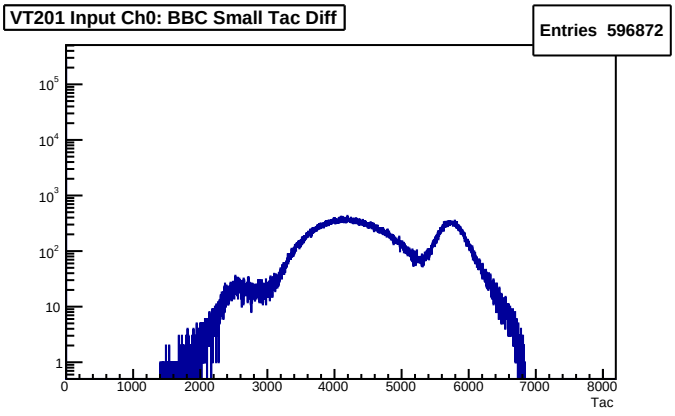
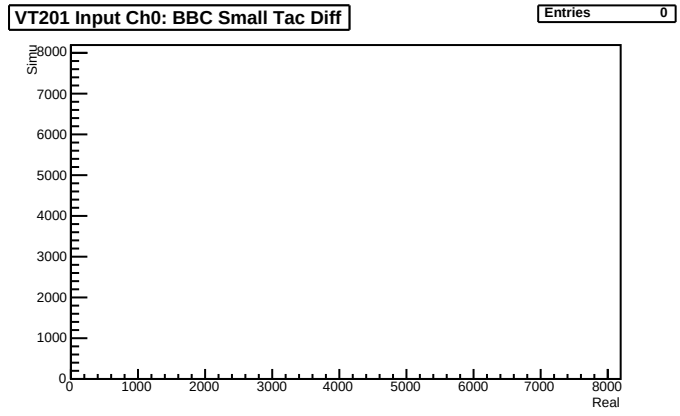
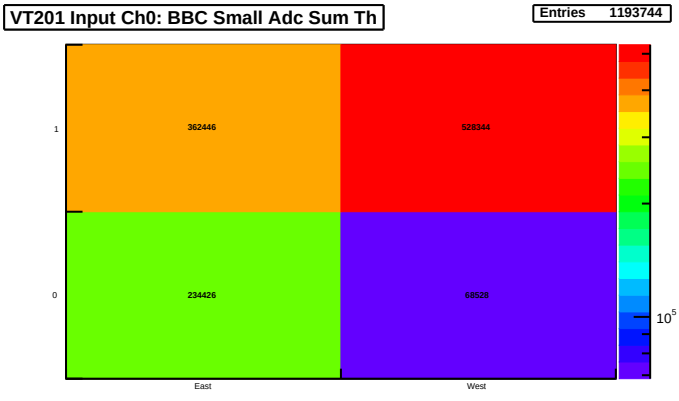
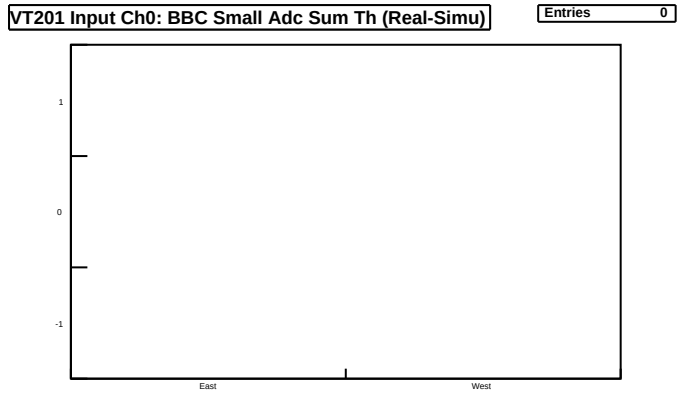
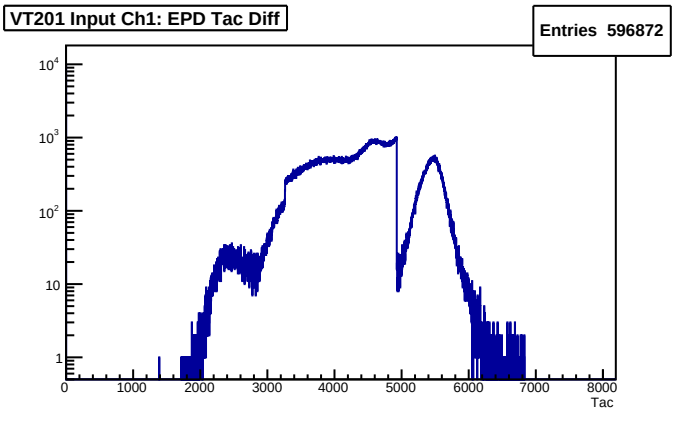
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

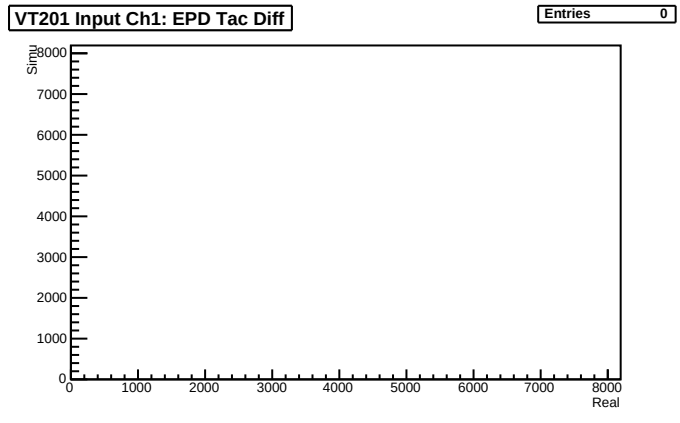

VT201 Input Ch0: BBC Small Tac Diff
Entries 596872
Tac

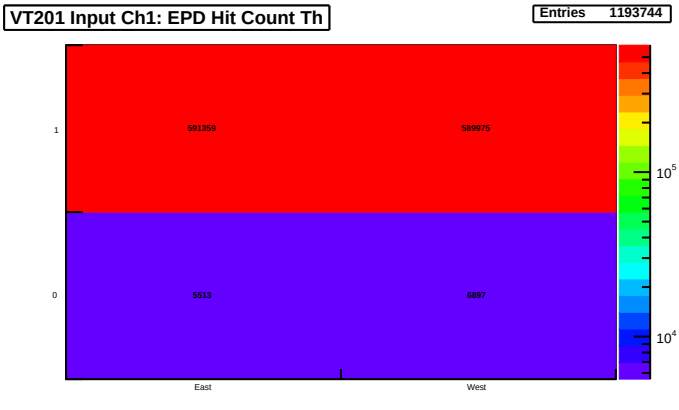

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

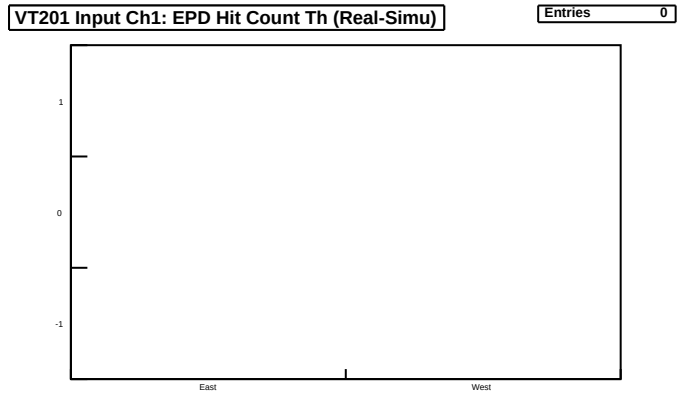

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1193744
362446
528344
234426
69528
East
West

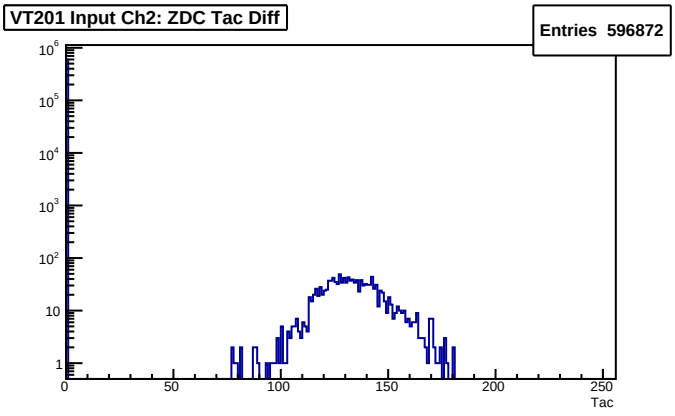

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

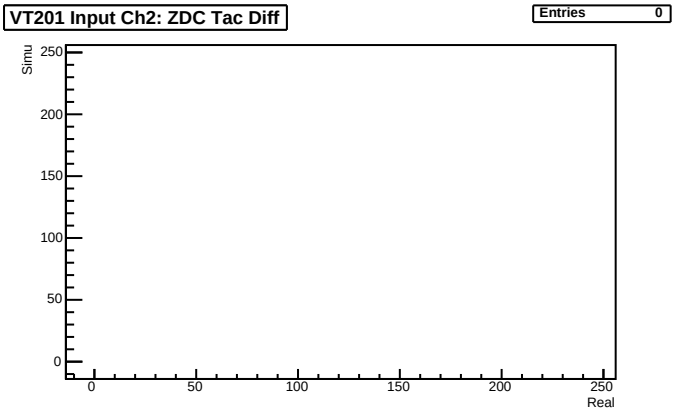

VT201 Input Ch1: EPD Tac Diff
Entries 596872
Tac

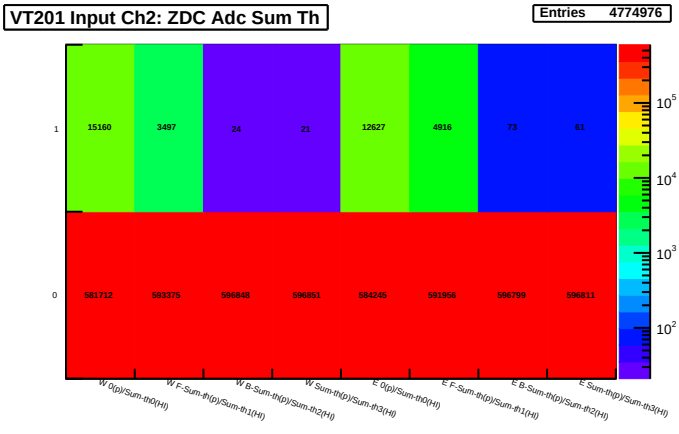

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

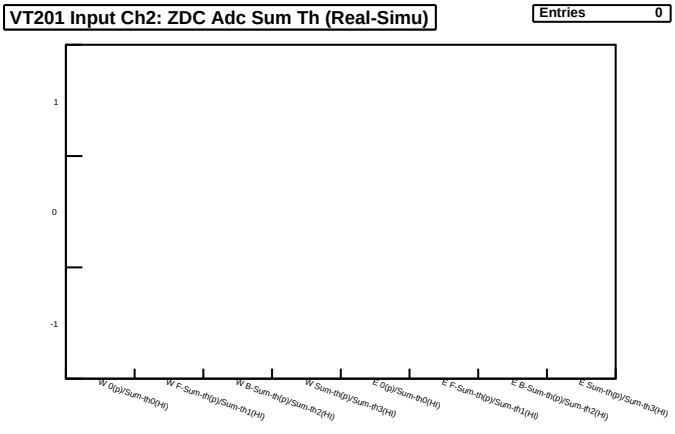

VT201 Input Ch1: EPD Hit Count Th
Entries 1193744
591359
589975
5513
6897
East
West

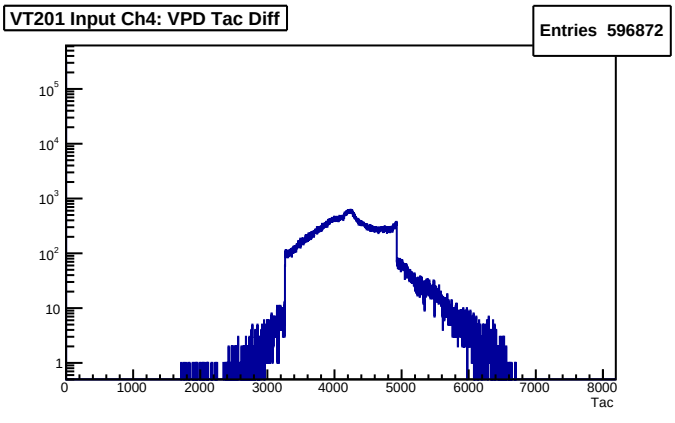

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

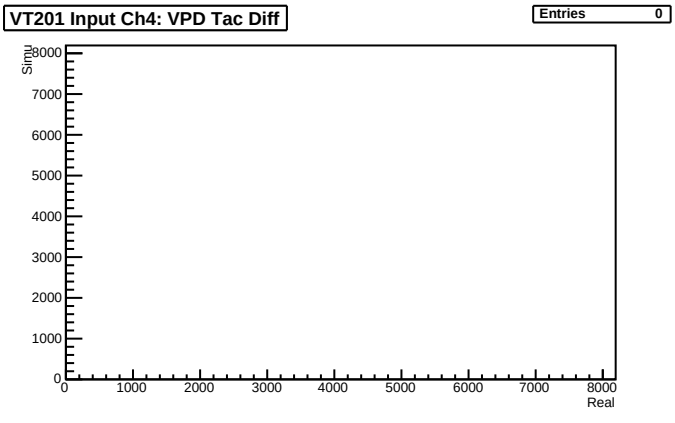

VT201 Input Ch2: ZDC Tac Diff
Entries 596872
Tac

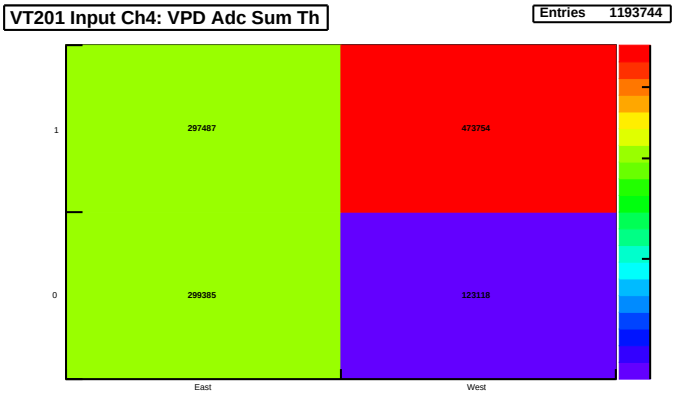

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

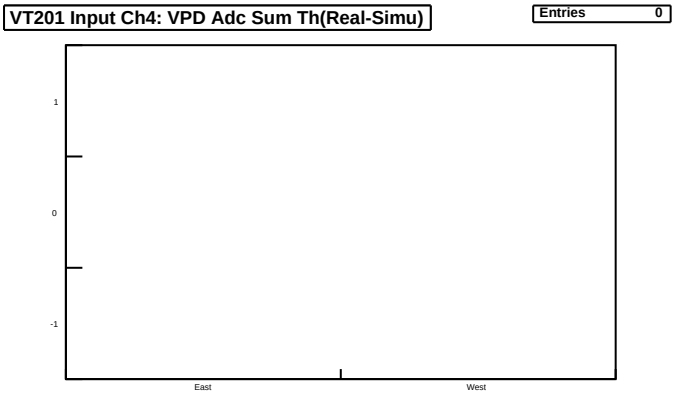

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4774976
15160
3497
24
21
12627
4916
73
61
581712
593375
596848
596851
584245
591956
596799
596811
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

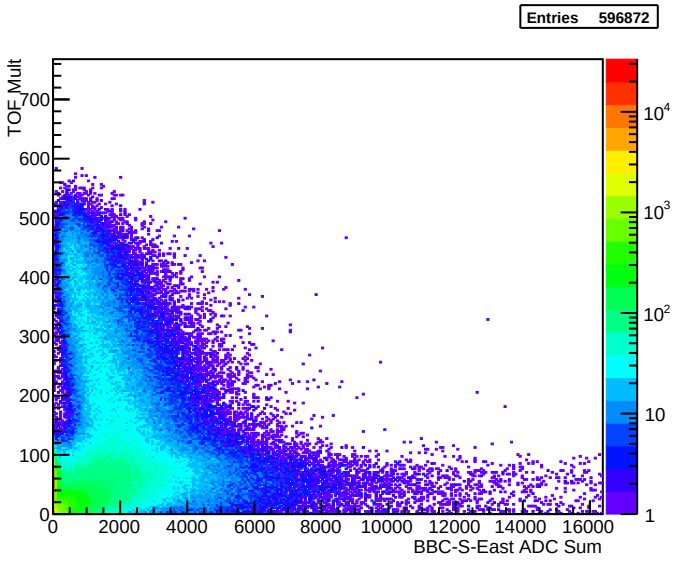

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

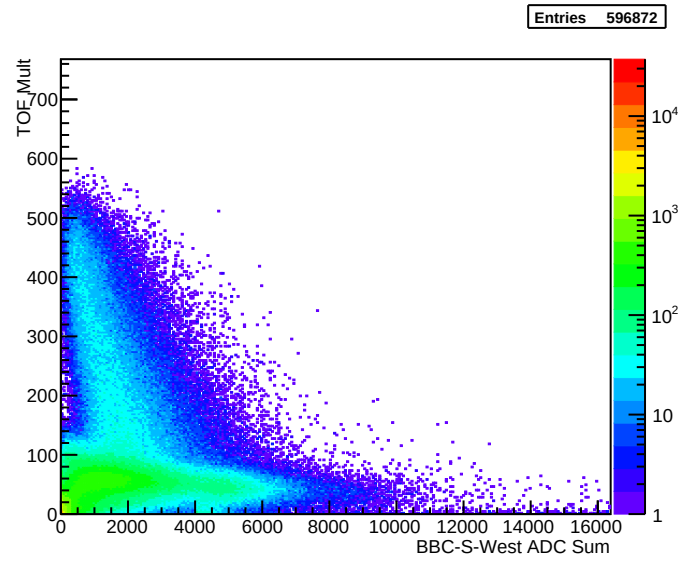

VT201 Input Ch4: VPD Tac Diff
Entries 596872
Tac

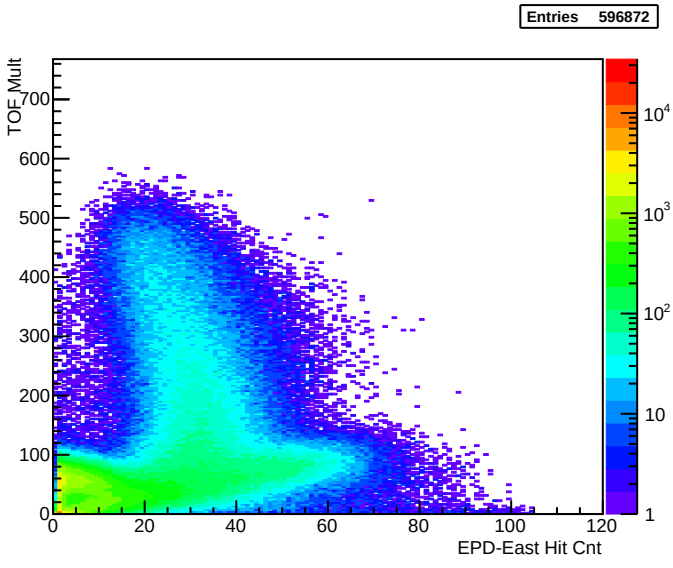

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

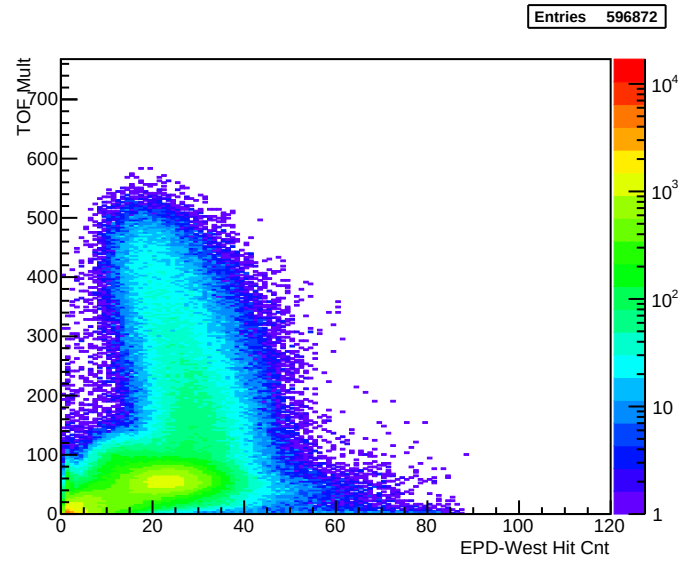

VT201 Input Ch4: VPD Adc Sum Th
Entries 1193744
297487
473754
299385
123118
East
West

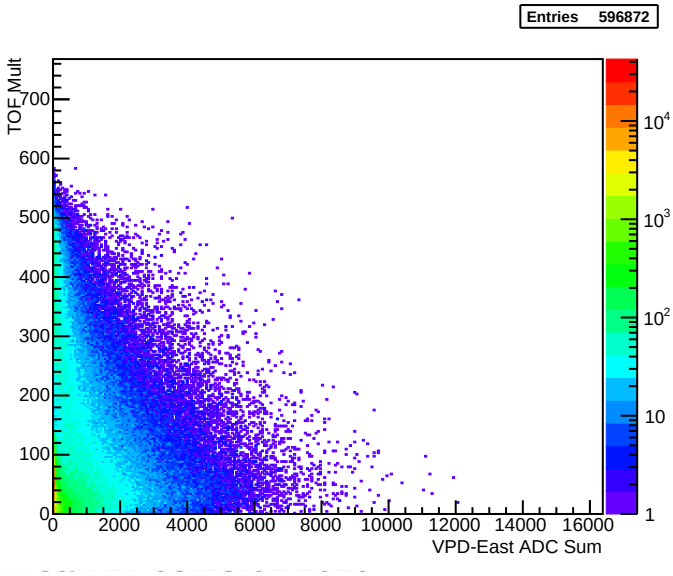

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

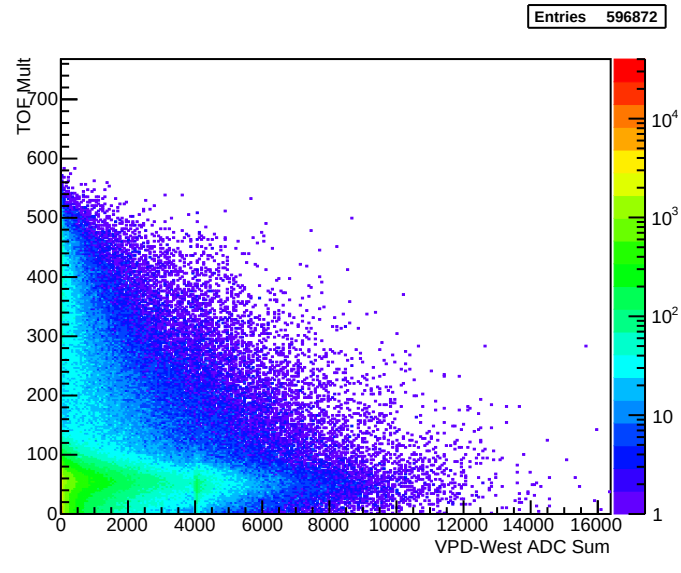

Entries 596872
TOF_Mult
BBC-S-East ADC Sum

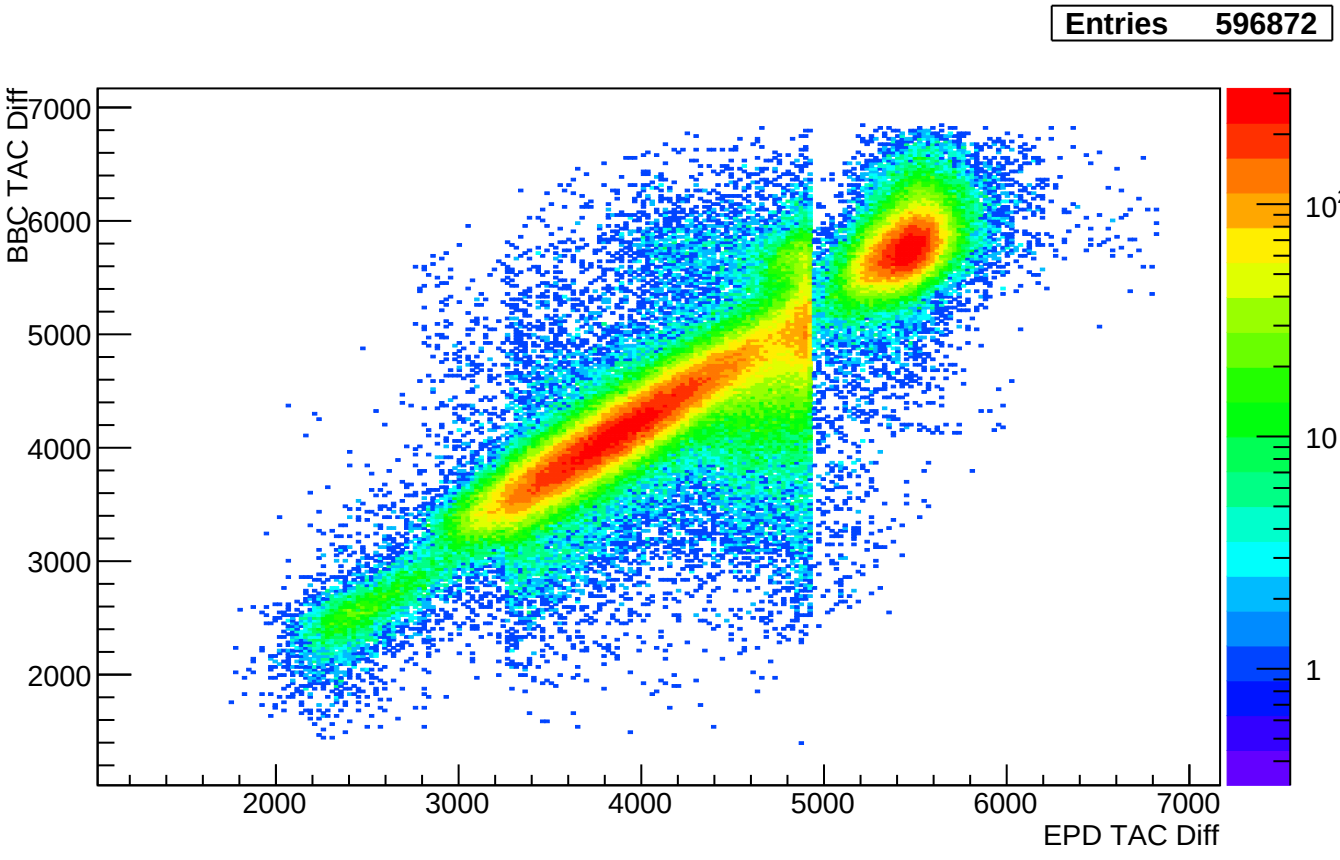

Entries 596872
TOF_Mult
BBC-S-West ADC Sum

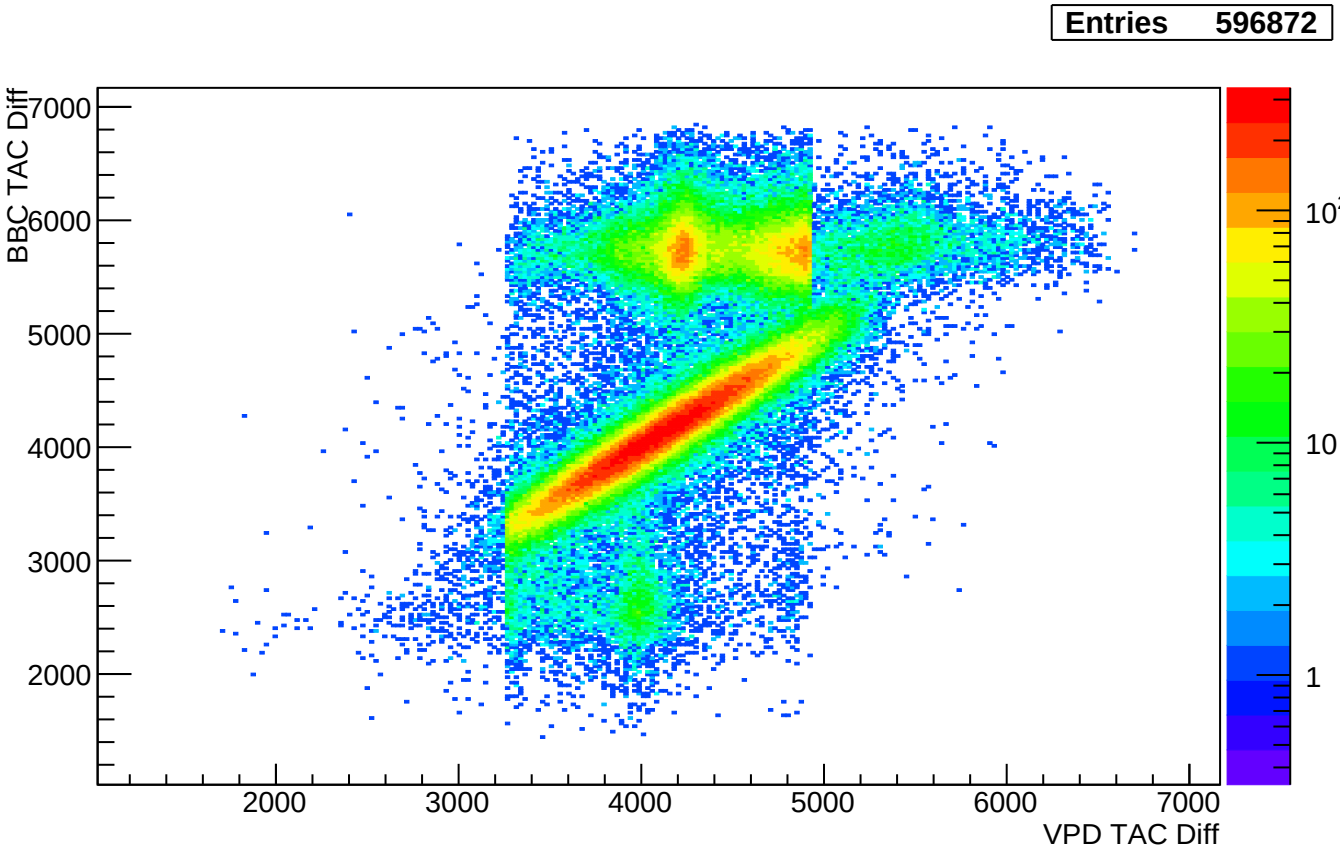

Entries 596872
TOF_Mult
EPD-East Hit Cnt

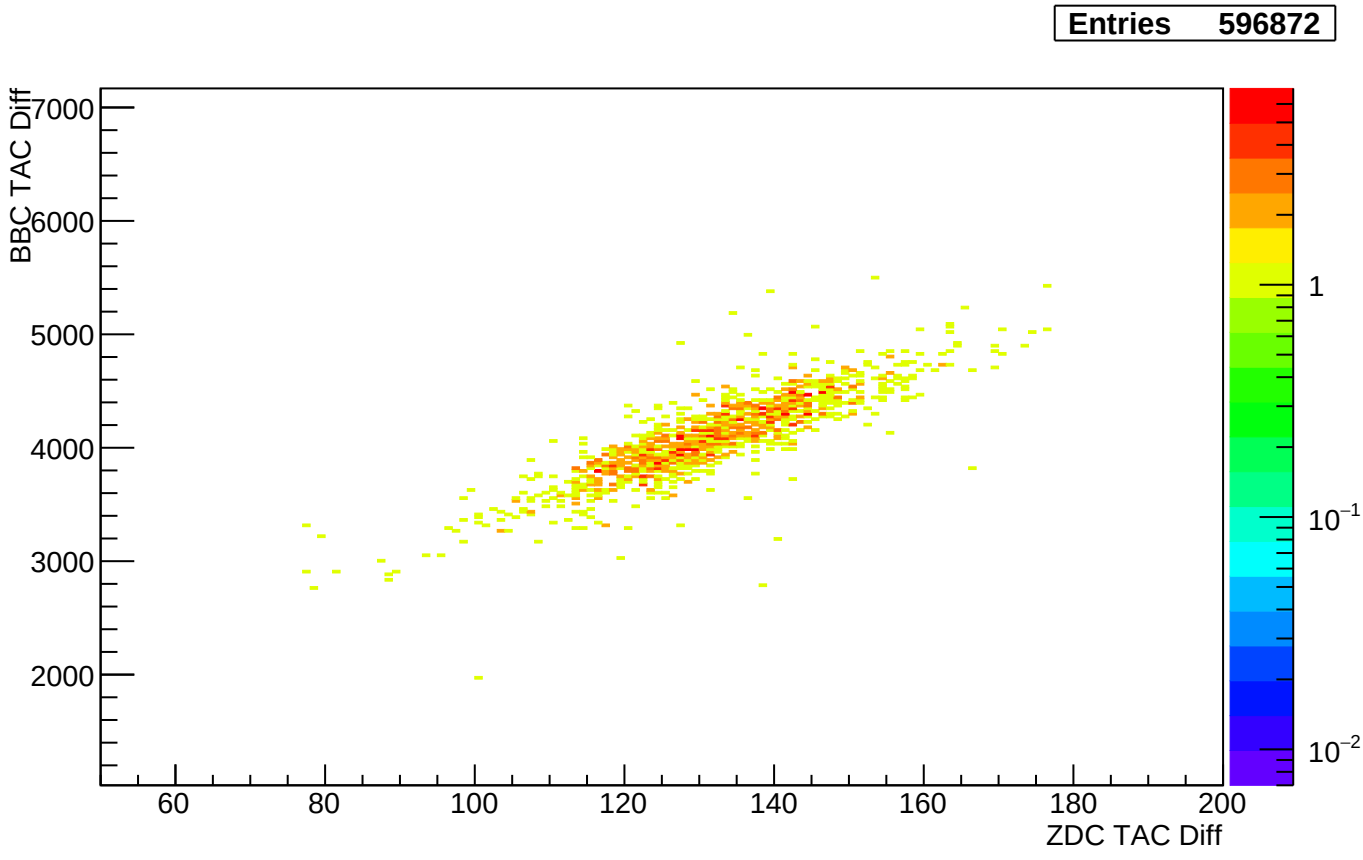

Entries 596872
TOF_Mult
EPD-West Hit Cnt

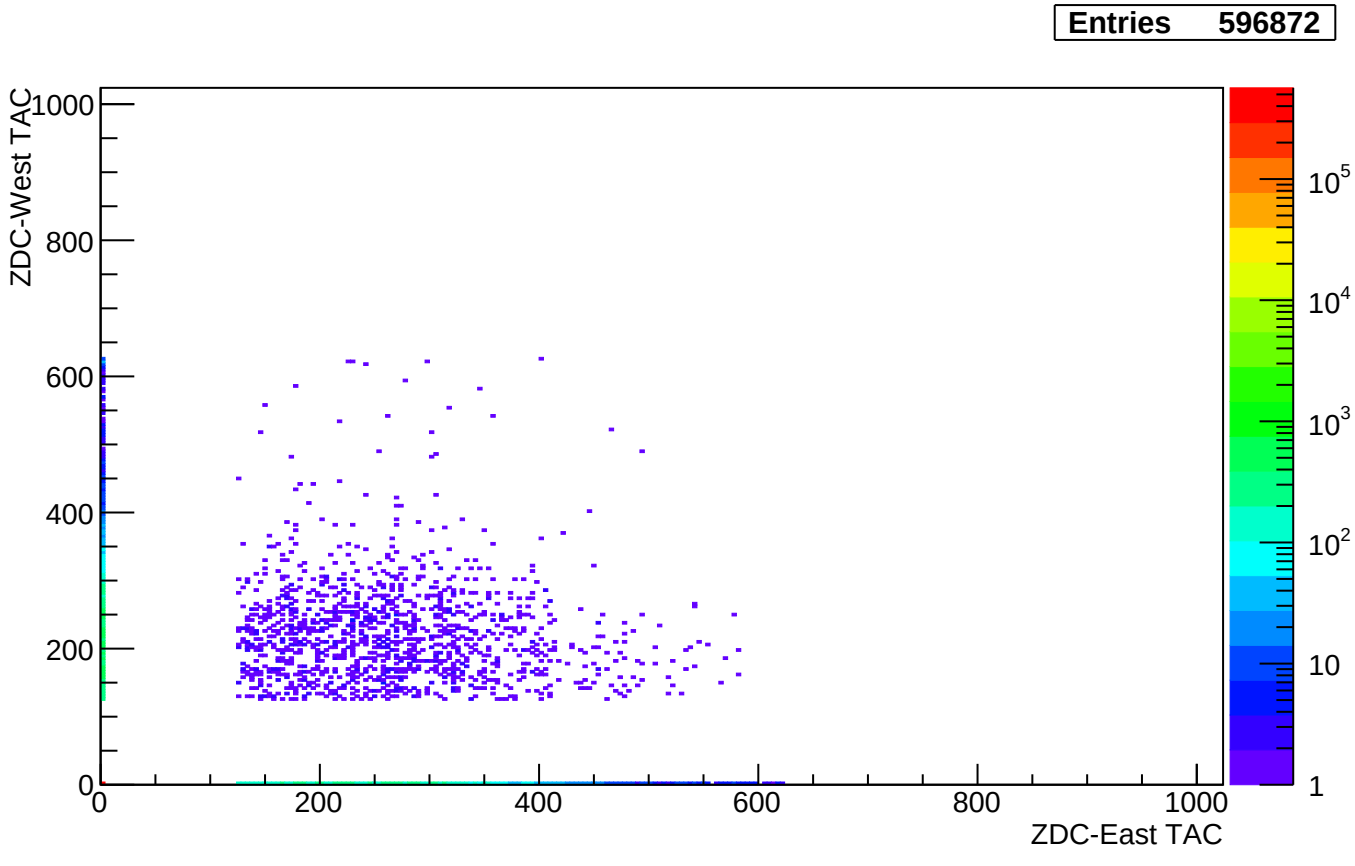

Entries 596872
TOF_Mult
VPD-East ADC Sum

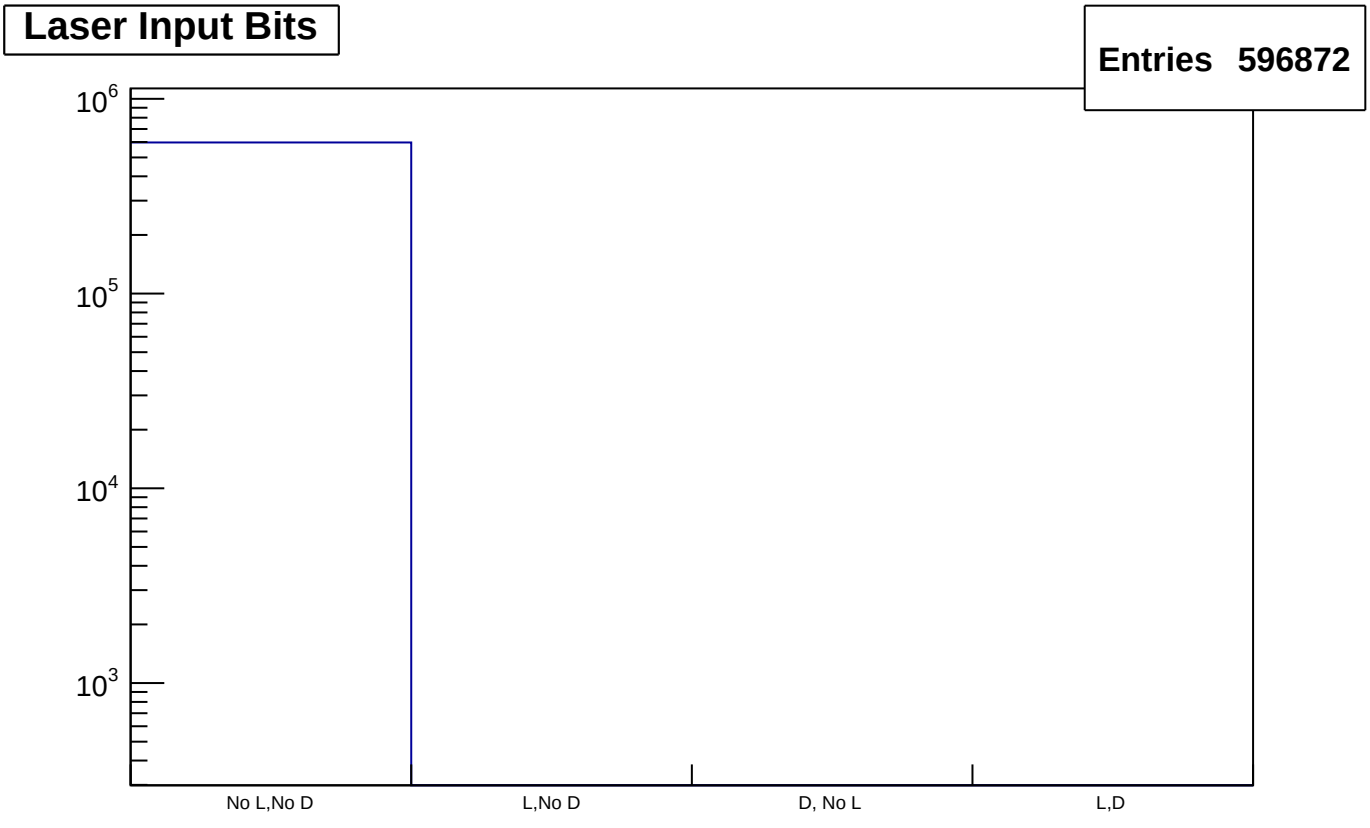

Entries 596872
TOF_Mult
VPD-West ADC Sum

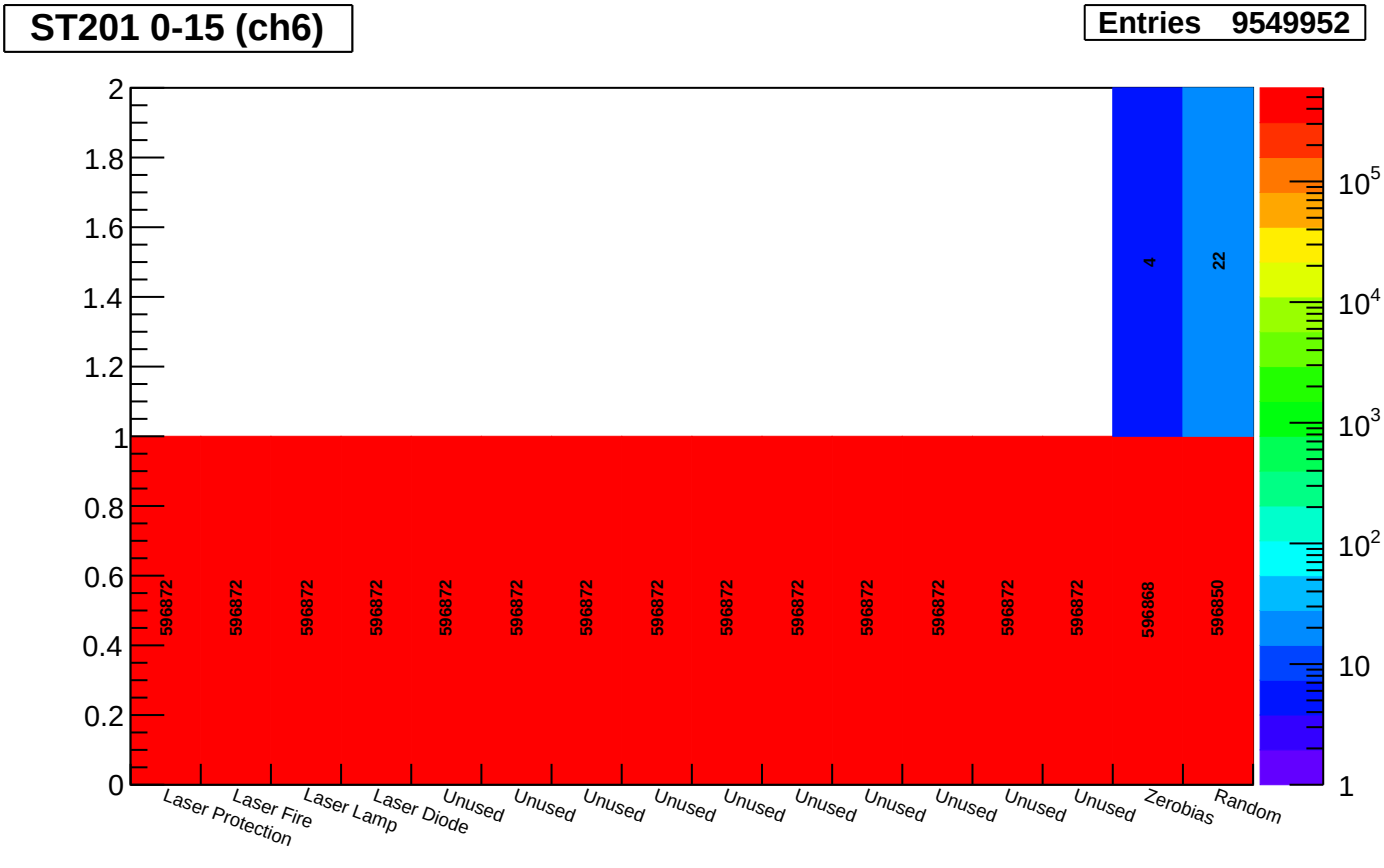

Entries 596872
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

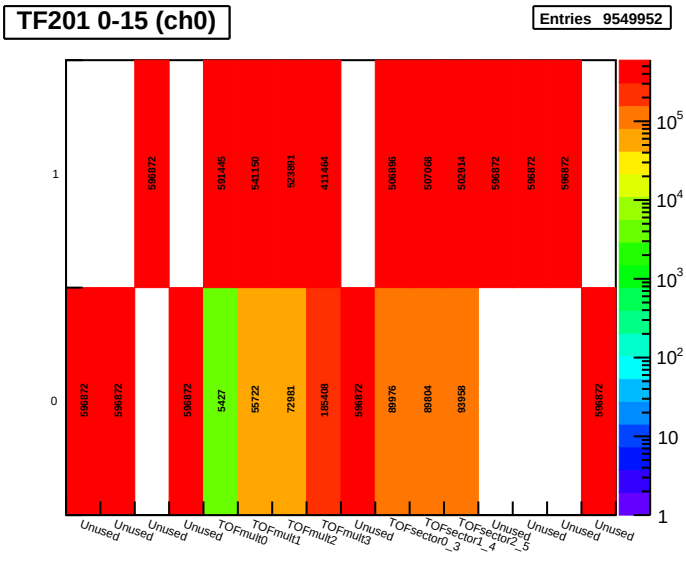

Entries 596872
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

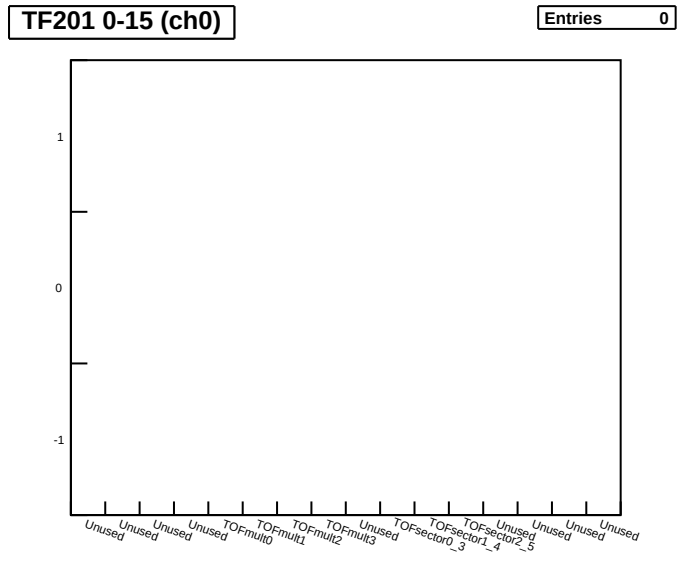

Entries 596872
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

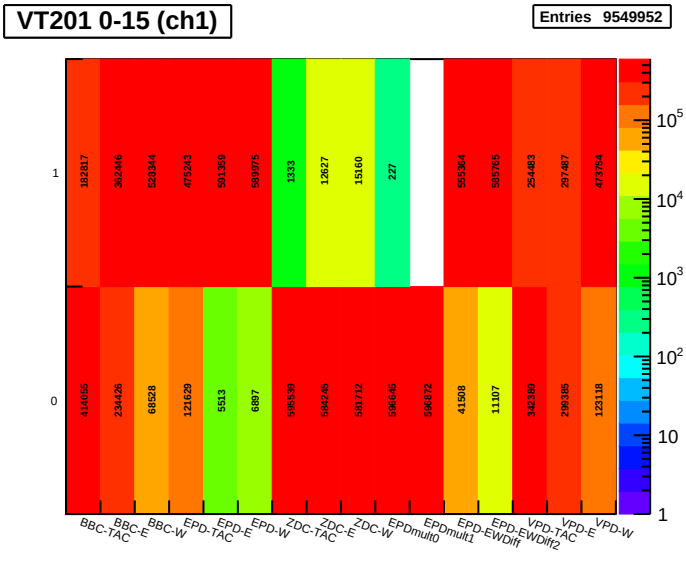

Entries 596872
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

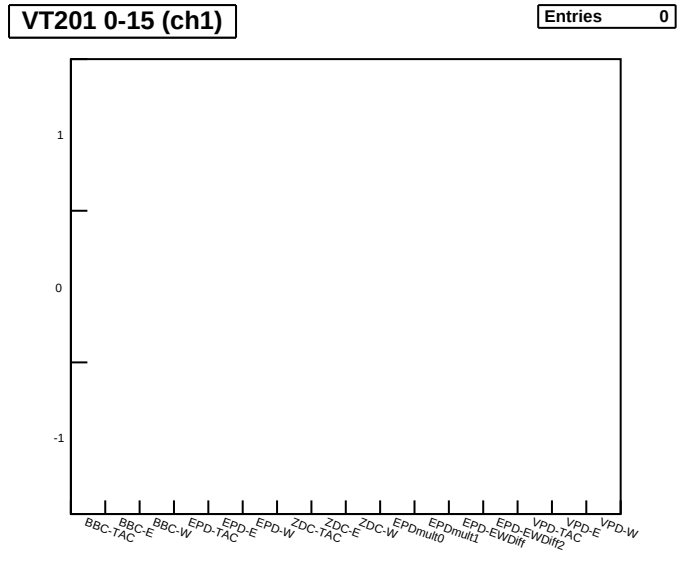

Laser Input Bits
Entries 596872
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

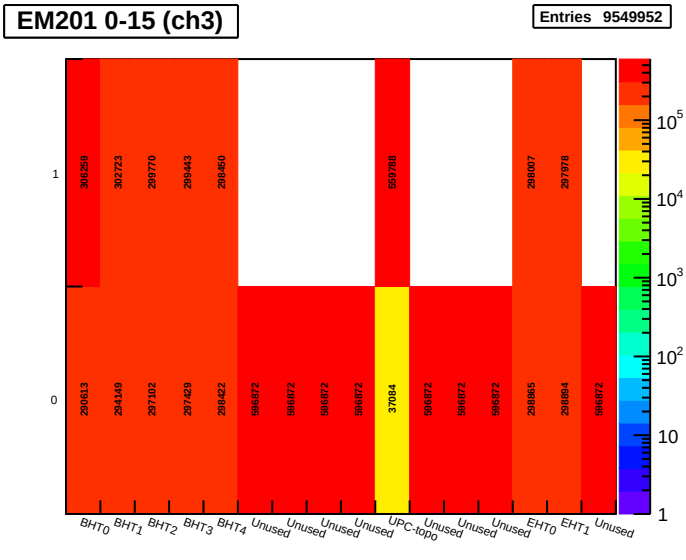

ST201 0-15 (ch6)
Entries 9549952
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
596872
596872
596872
596872
596872
596872
596872
596872
596872
596872
596872
596872
596872
596868
596850
4
22
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

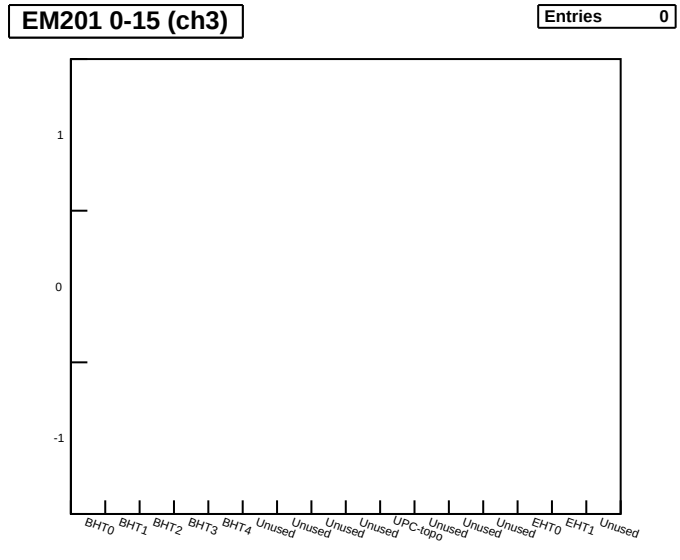

TF201 0-15 (ch0)
Entries 9549952
1
0
596872
591445
541150
523891
411464
506896
507068
502914
596872
596872
596872
596872
596872
596872
596872
596872
596872
5427
55722
72981
185408
596872
89976
89804
93958
596872
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 9549952
1
0
182817
362446
528344
475243
591359
589975
1333
12627
15160
227
555354
585765
254483
297487
473754
414055
234426
68528
121629
5513
6897
595539
584245
581712
586645
596872
41508
11107
342389
299385
123118
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 9549952
1
0
306259
302723
299770
299443
299450
559788
298007
297978
290613
294149
297102
297429
298422
596872
596872
596872
596872
37084
596872
596872
596872
298665
298894
596872
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