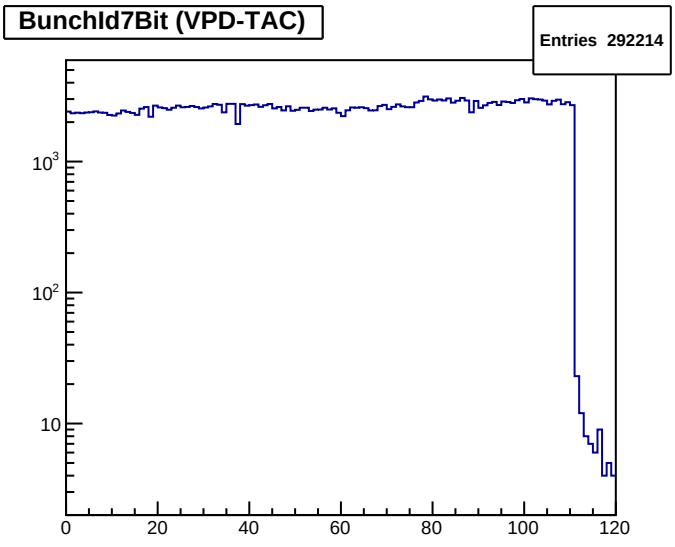
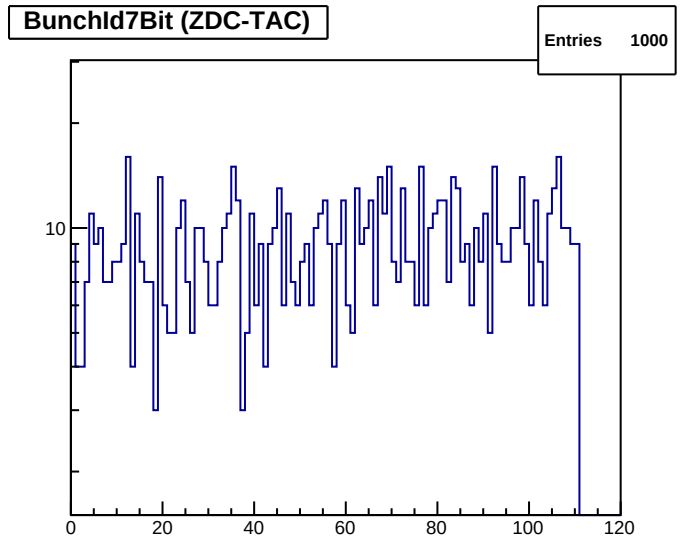
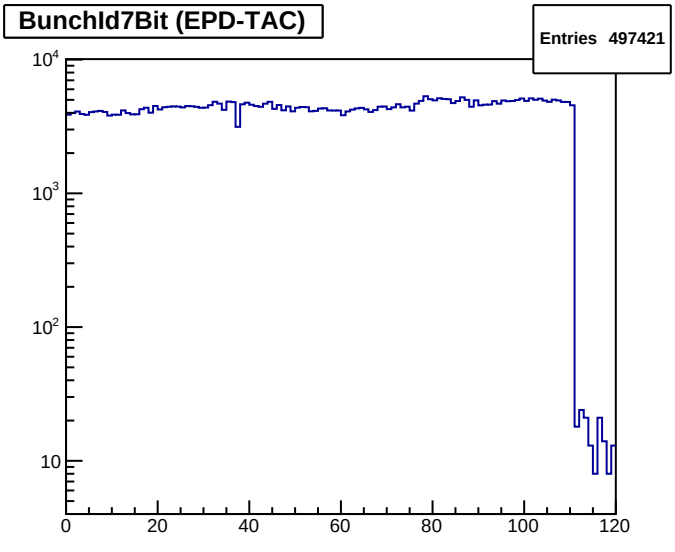
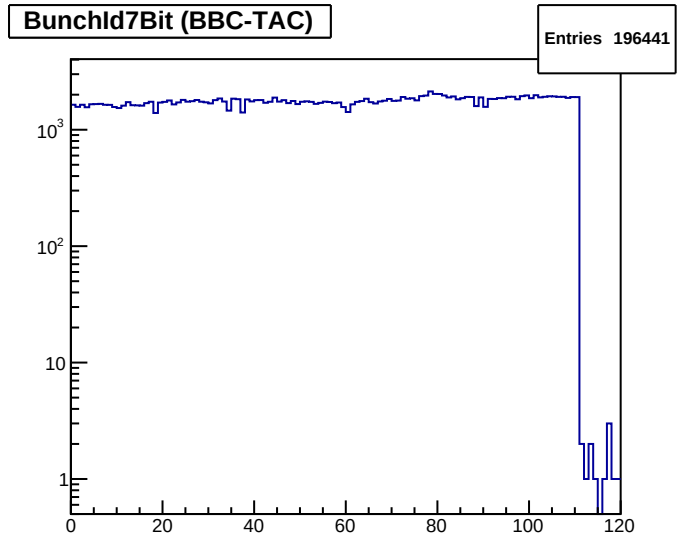
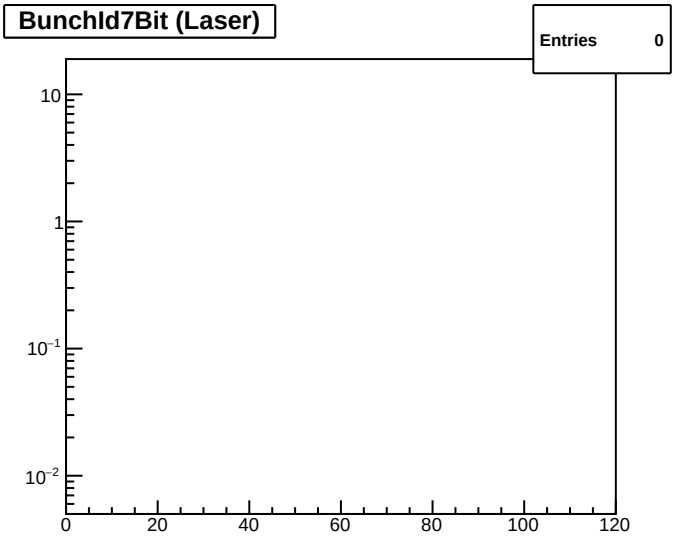
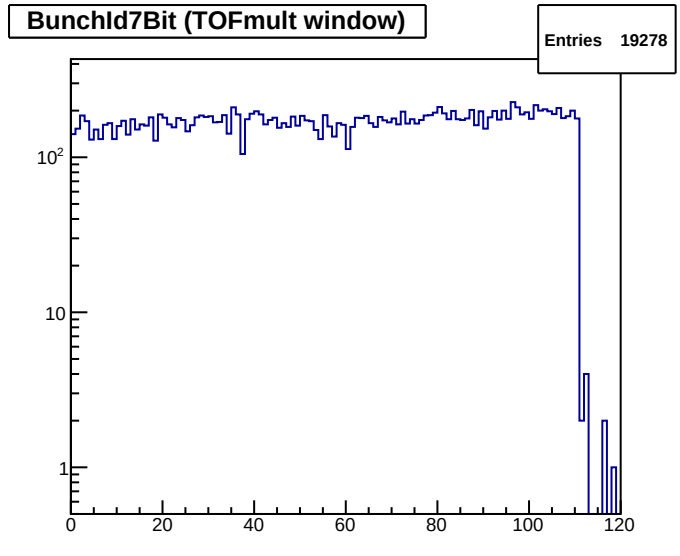

BunchId7Bit (VPD-TAC)
Entries 292214

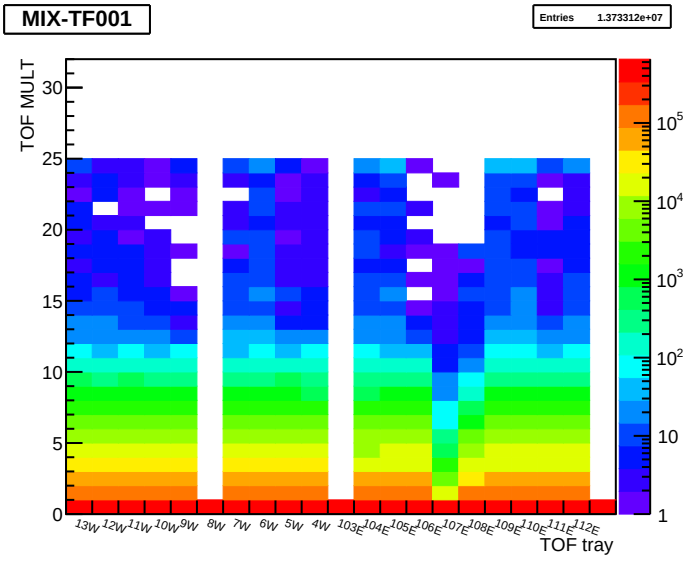

BunchId7Bit (ZDC-TAC)
Entries 1000

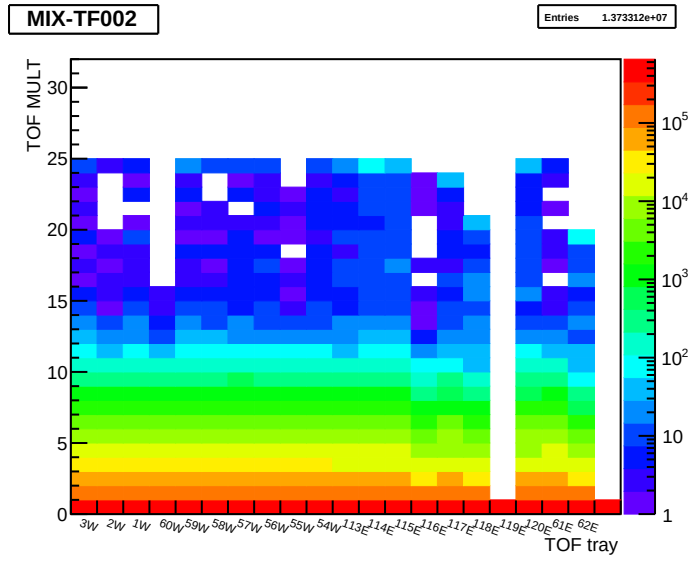

BunchId7Bit (EPD-TAC)
Entries 497421

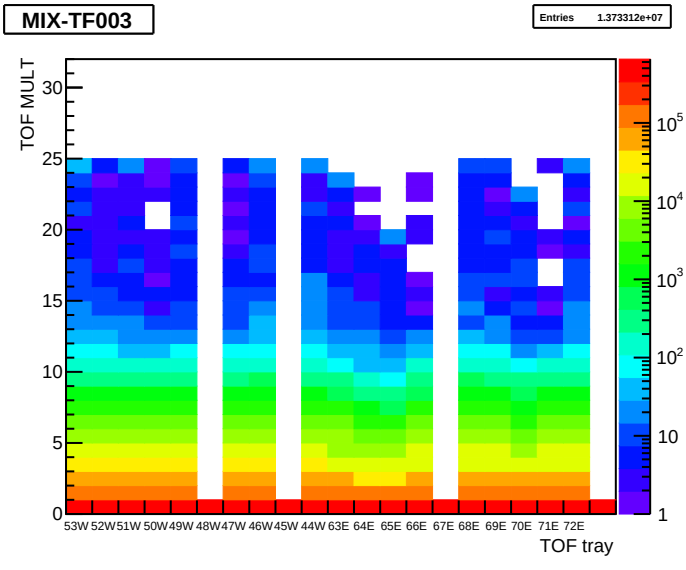

BunchId7Bit (BBC-TAC)
Entries 196441

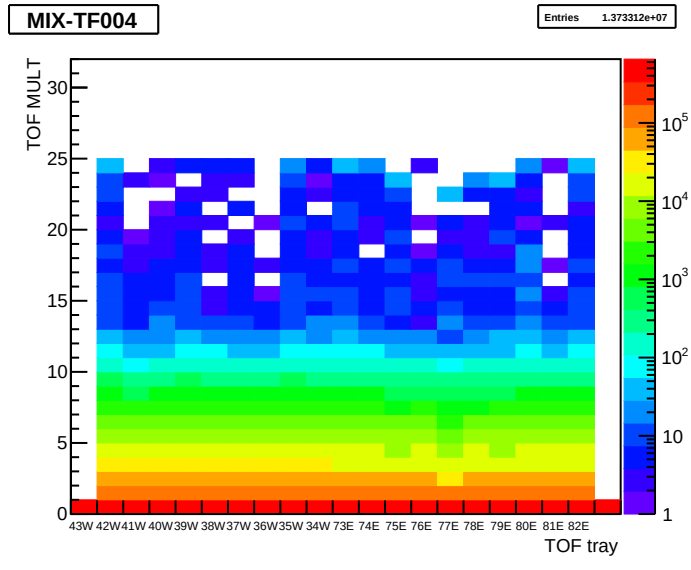

BunchId7Bit (Laser)
Entries 0

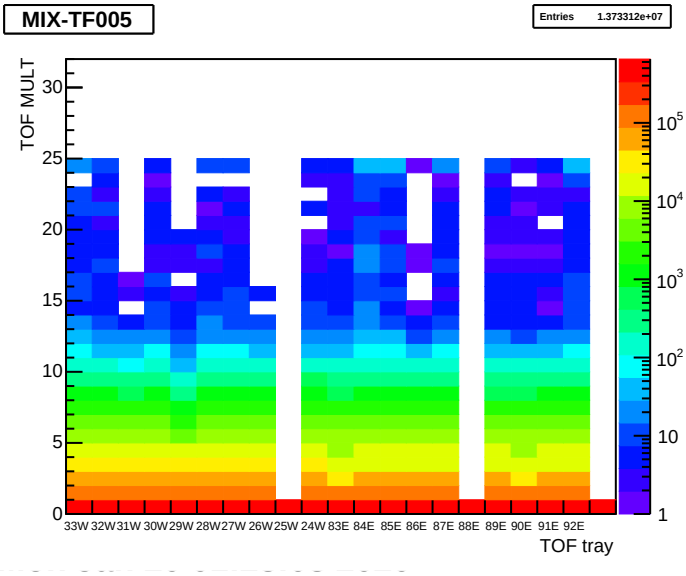

BunchId7Bit (TOFmult window)
Entries 19278

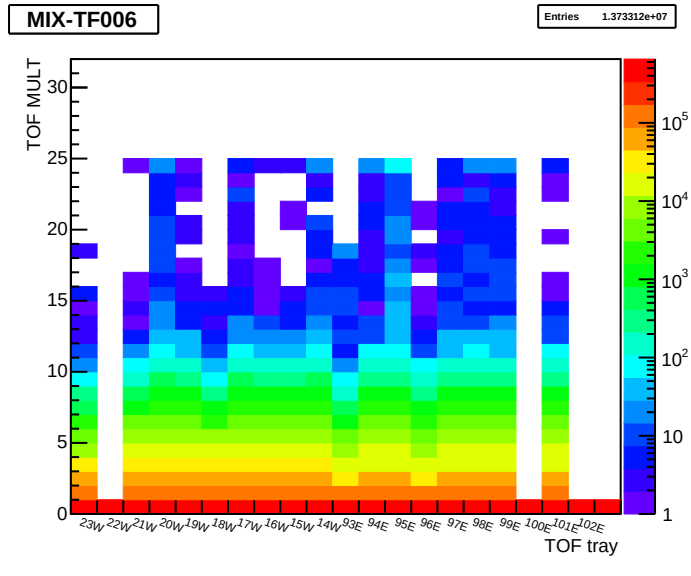

MIX-TF001
Entries 1.373312e+07
TOF MULT
TOF tray

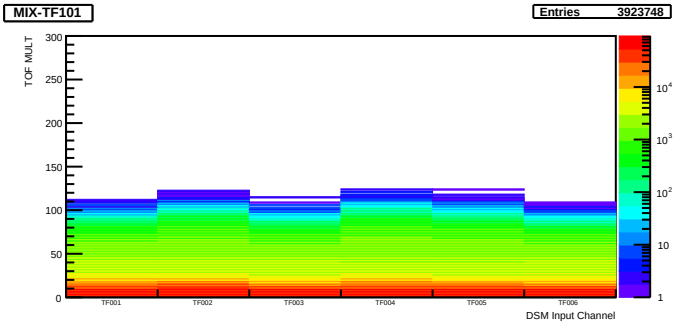

MIX-TF002
Entries 1.373312e+07
TOF MULT
TOF tray

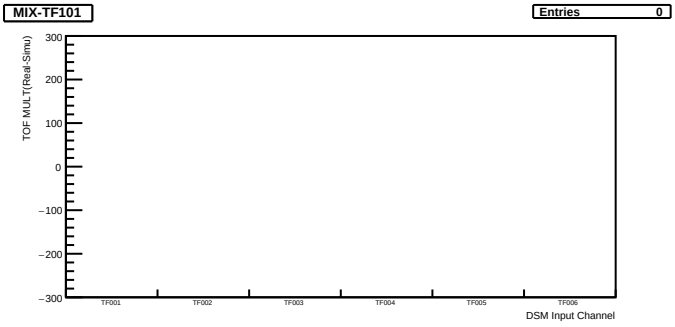

MIX-TF003
Entries 1.373312e+07
TOF MULT
TOF tray

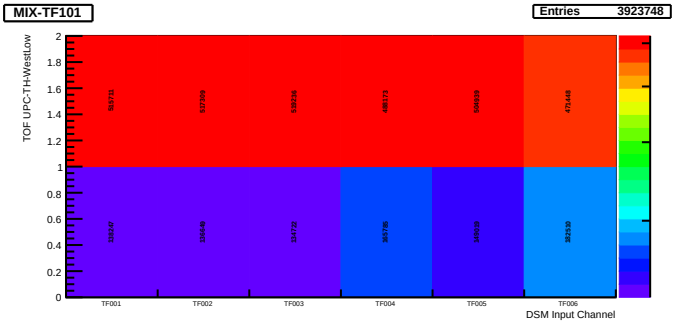

MIX-TF004
Entries 1.373312e+07
TOF MULT
TOF tray

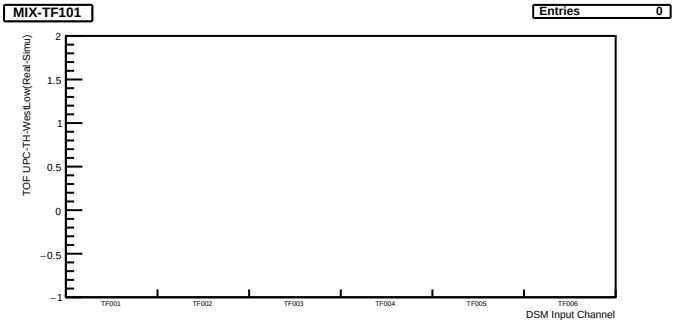

MIX-TF005
Entries 1.373312e+07
TOF MULT
TOF tray

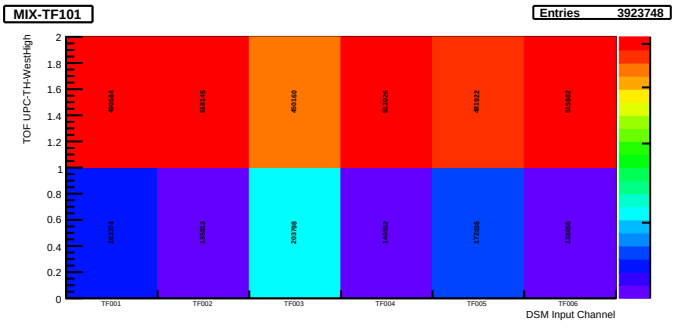

MIX-TF006
Entries 1.373312e+07
TOF MULT
TOF tray

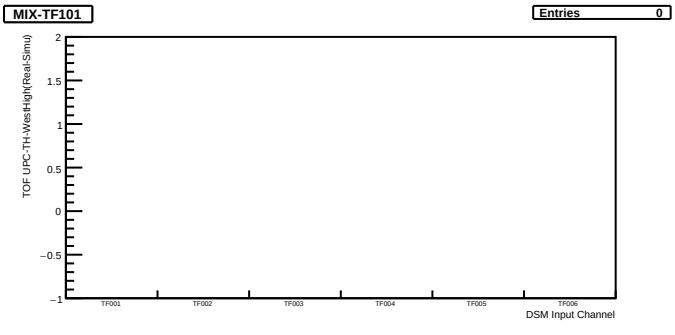

MIX-TF101
Entries 3923748
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

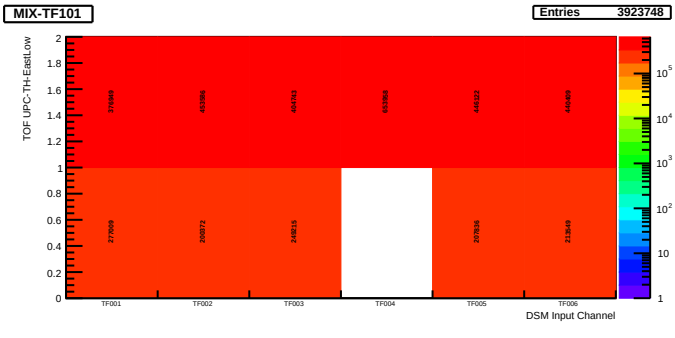

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

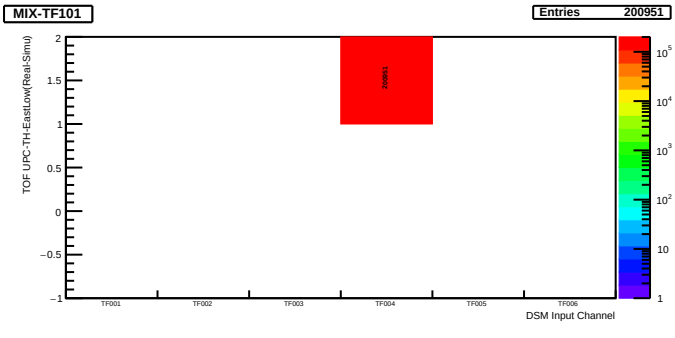

MIX-TF101
Entries 3923748
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

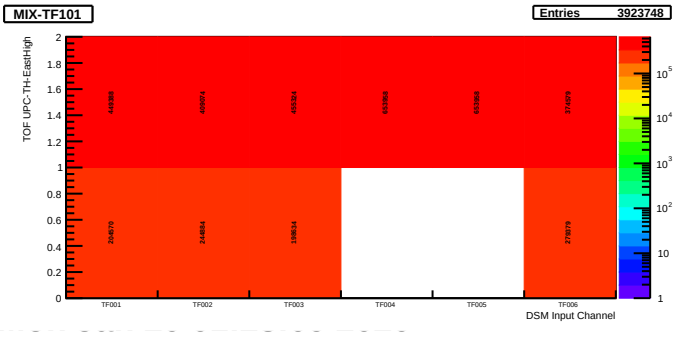

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

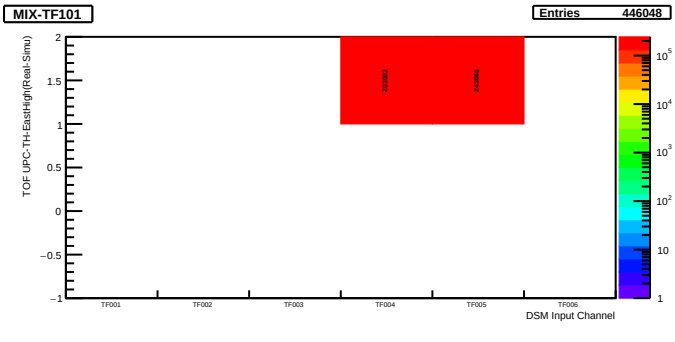

MIX-TF101
Entries 3923748
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

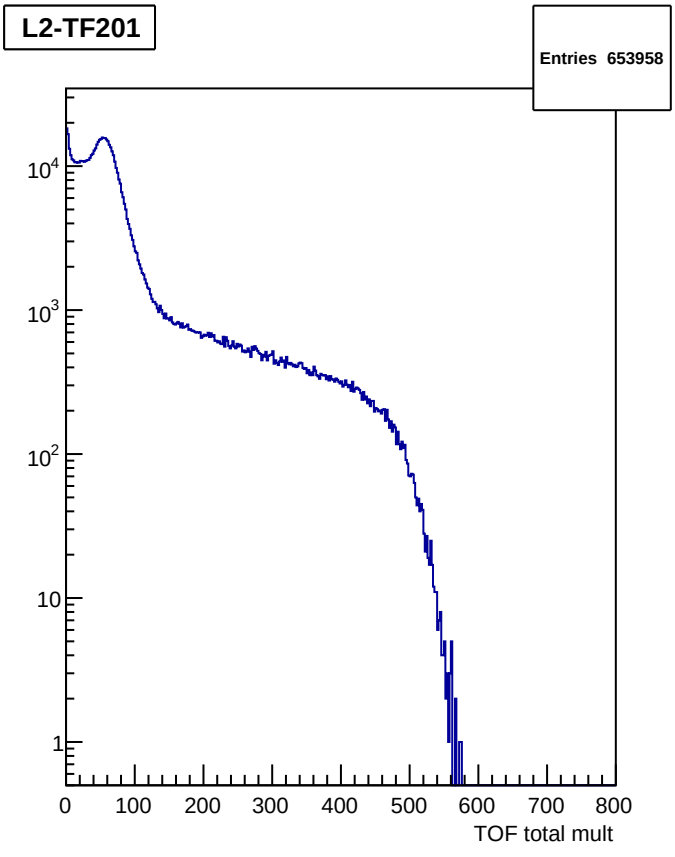

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

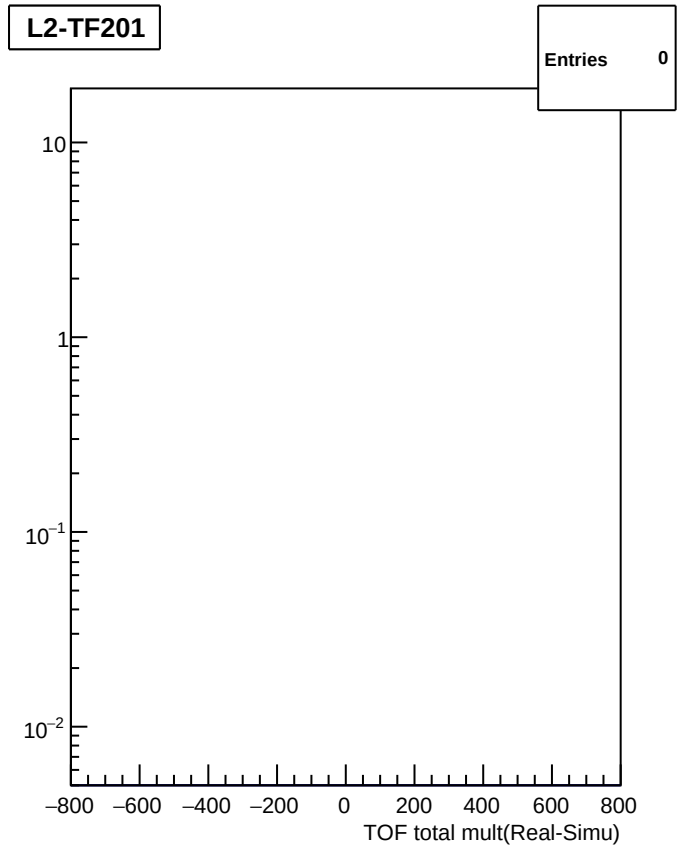

MIX-TF101
Entries 3923748
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

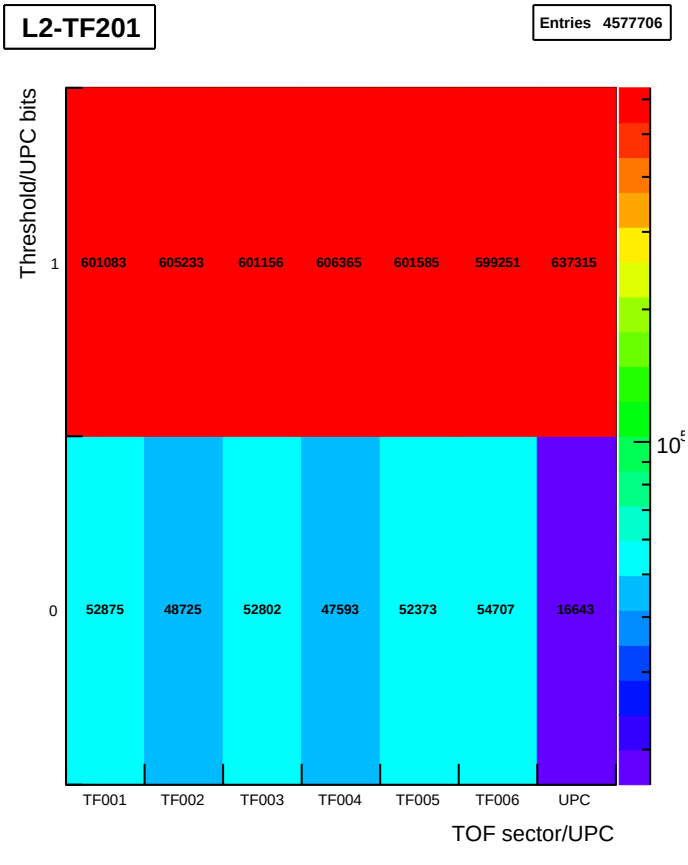

MIX-TF101
Entries 200951
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

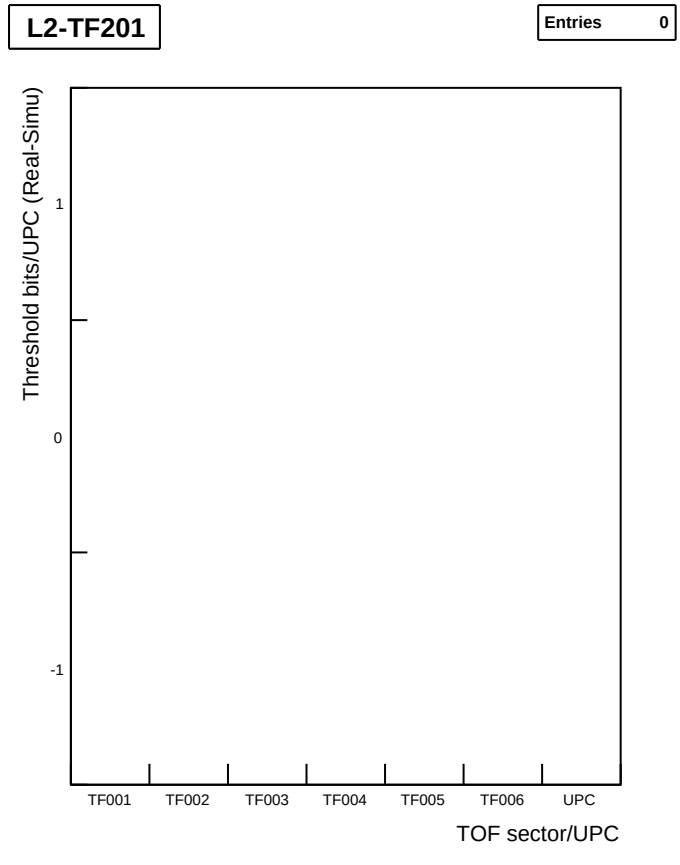

MIX-TF101
Entries 3923748
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

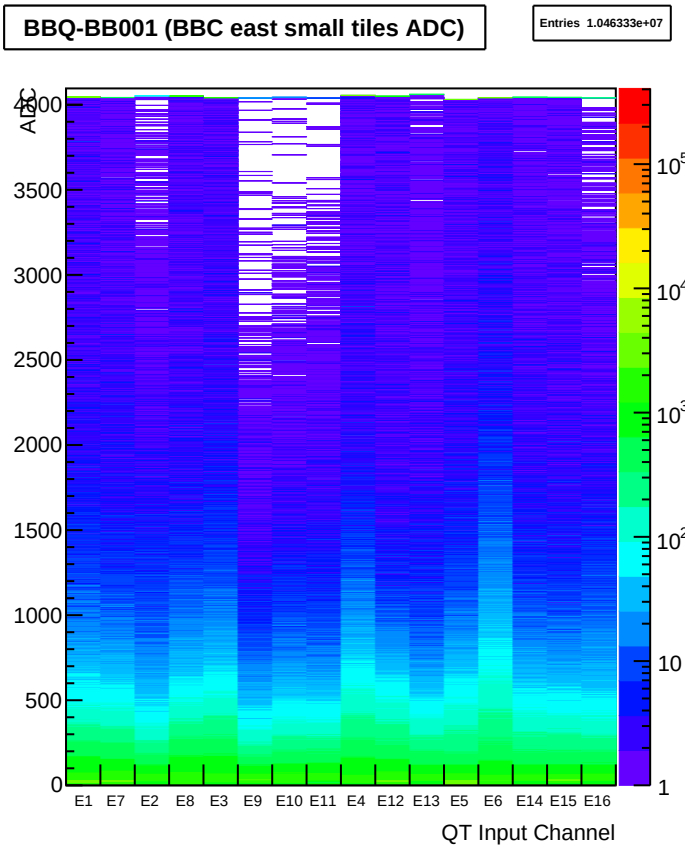

MIX-TF101
Entries 446048
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

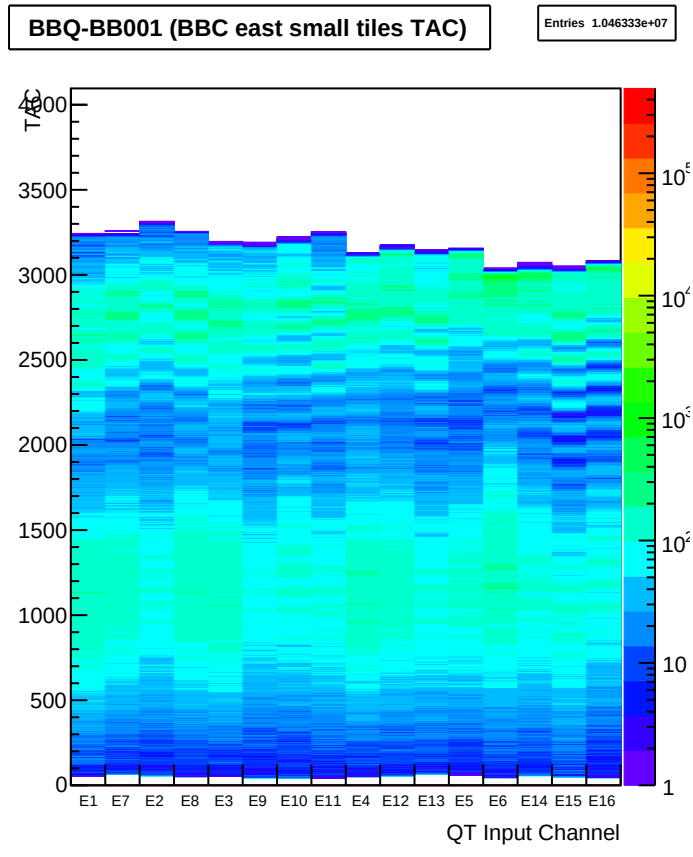

L2-TF201
Entries 653958
TOF total mult

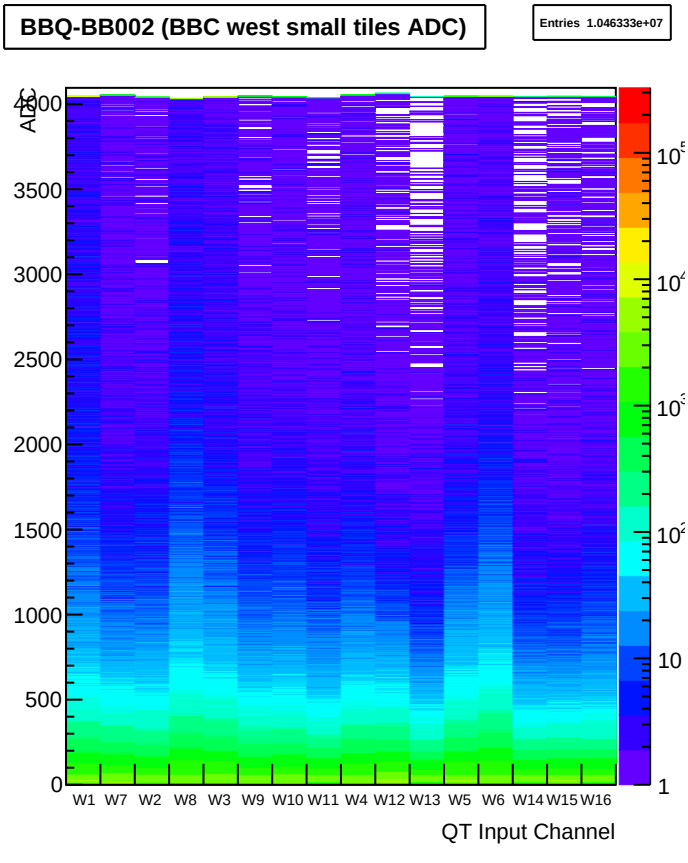

L2-TF201
Entries 0
TOF total mult(Real-Simu)

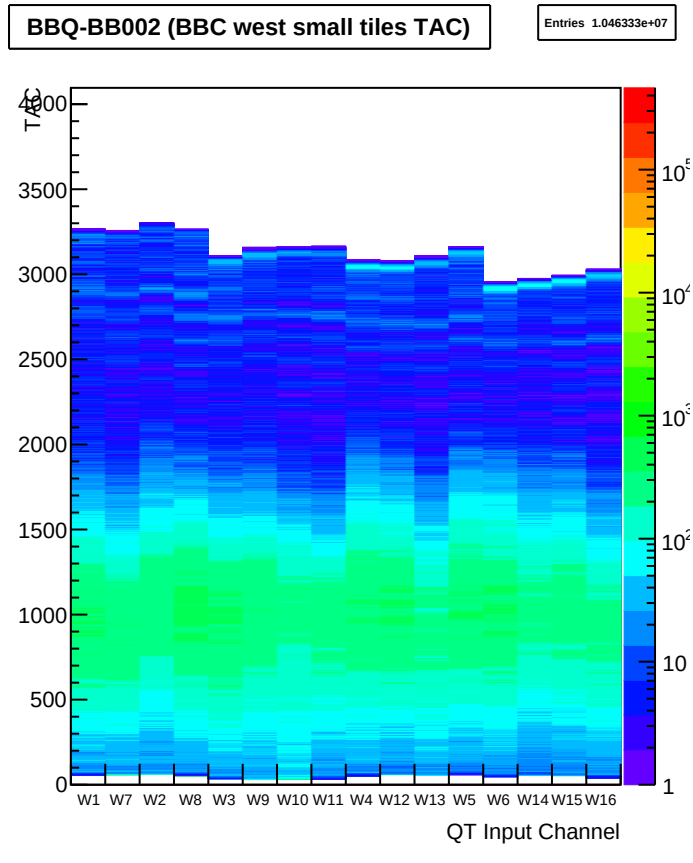

L2-TF201
Entries 4577706
Threshold/UPC bits
601083
605233
601156
606365
601585
599251
637315
52875
48725
52802
47593
52373
54707
16643
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

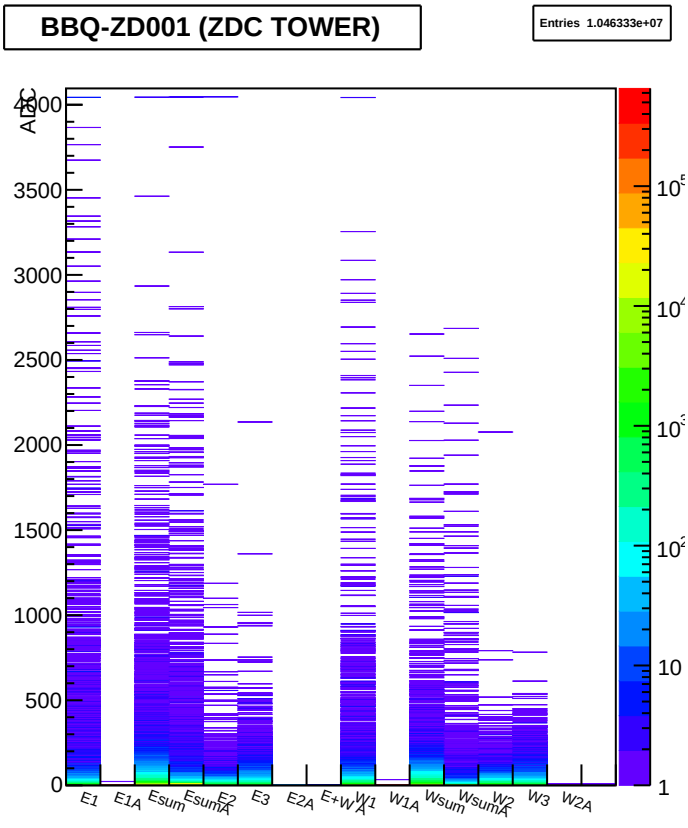

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

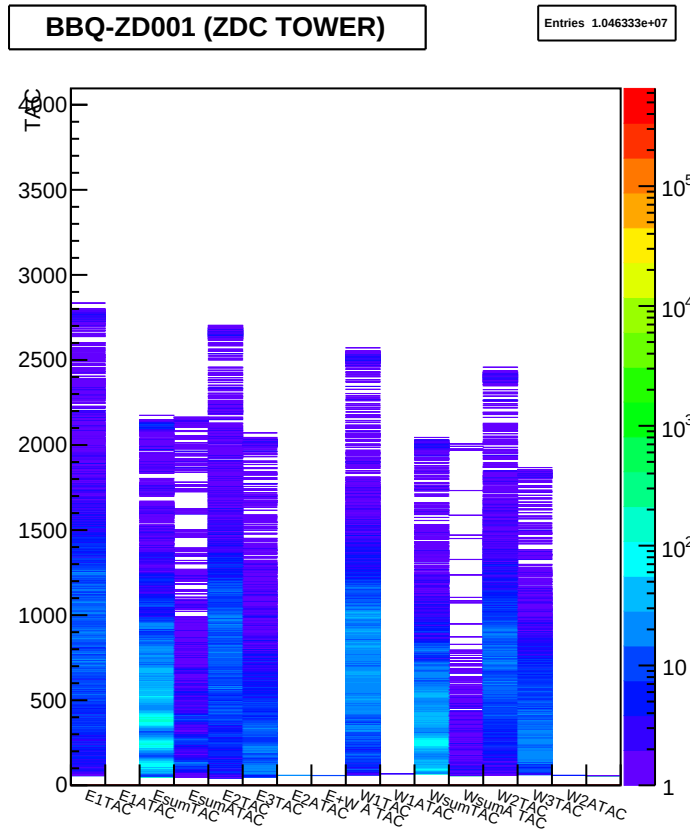

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.046333e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

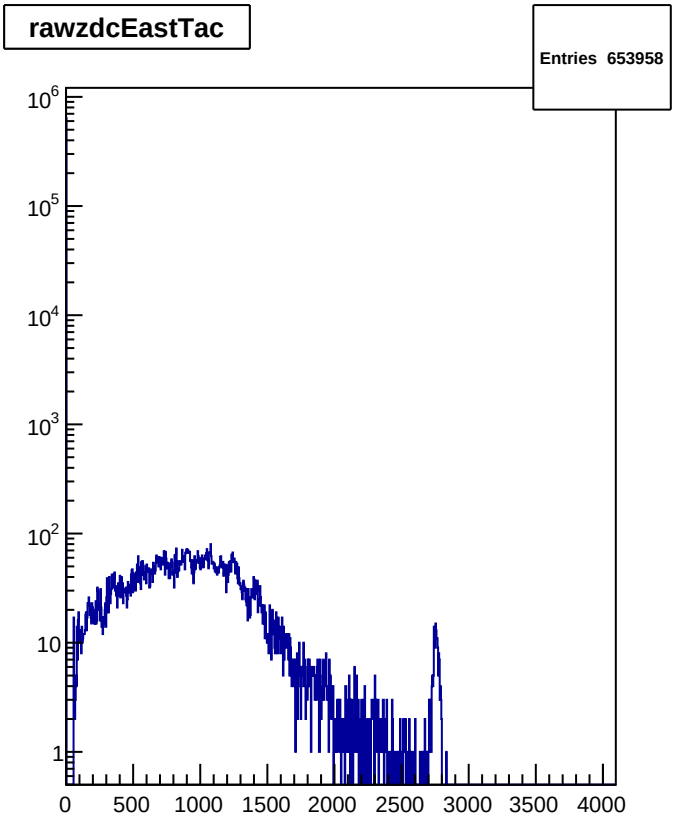

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.046333e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

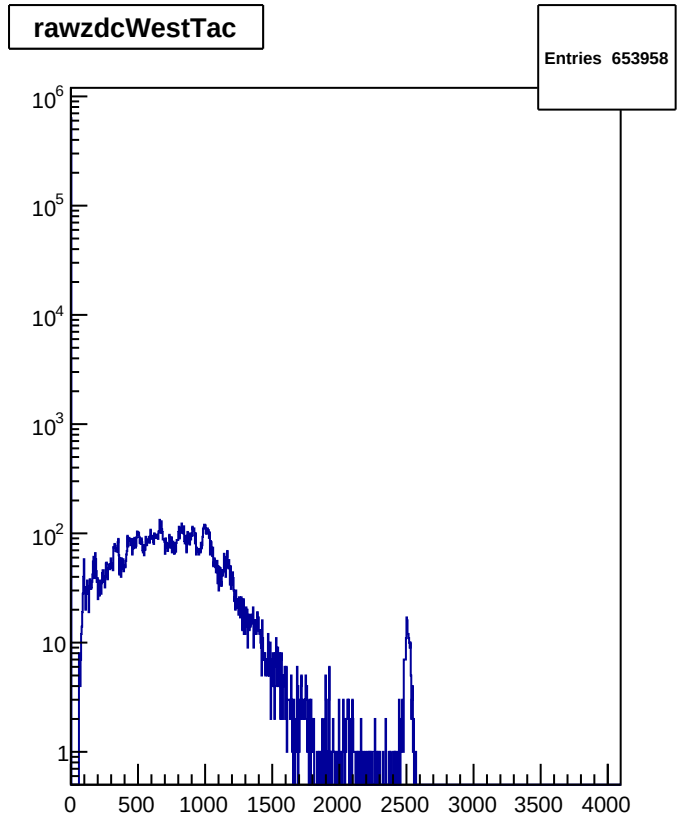

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.046333e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

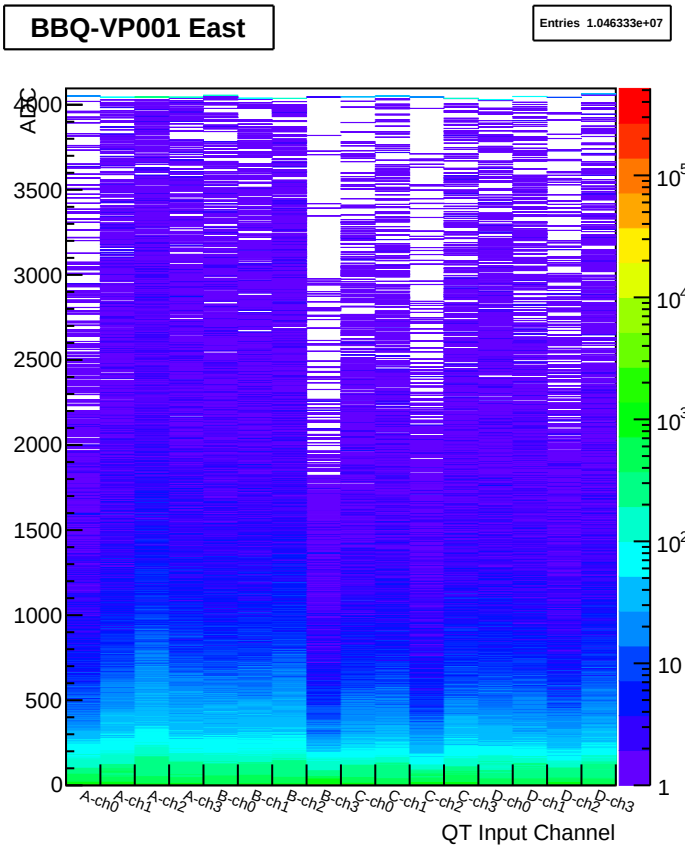

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.046333e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

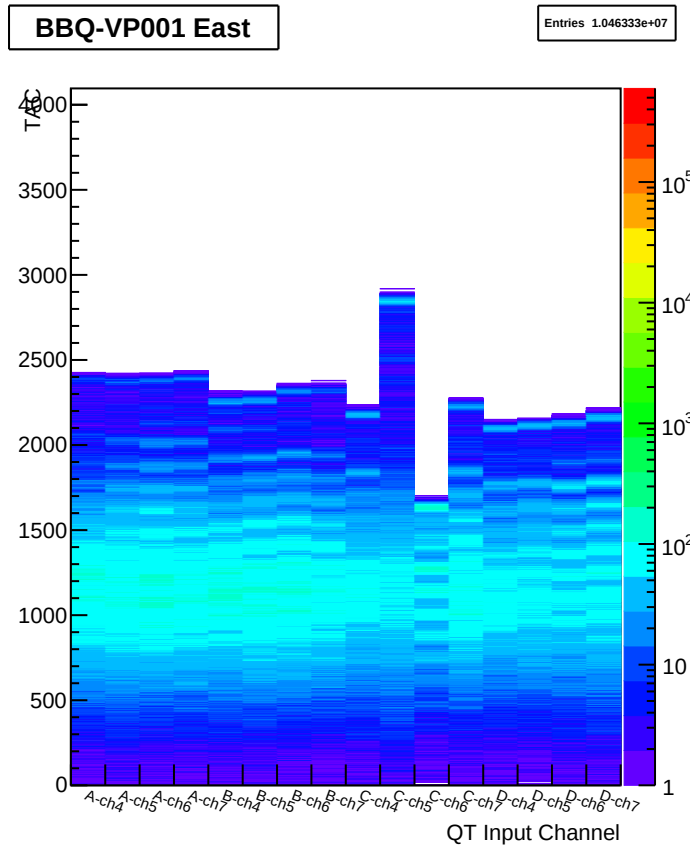

BBQ-ZD001 (ZDC TOWER)
Entries 1.046333e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

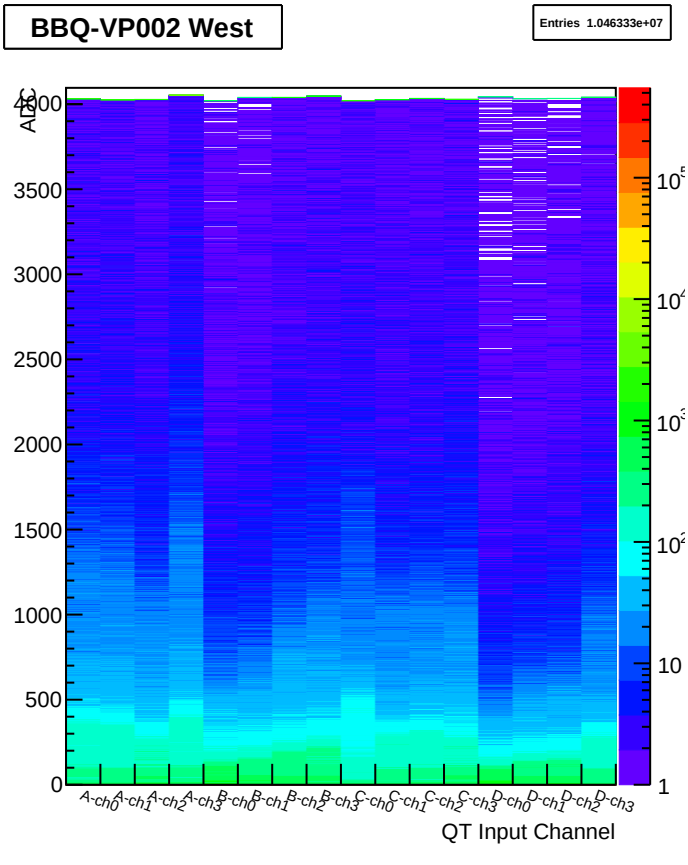

BBQ-ZD001 (ZDC TOWER)
Entries 1.046333e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

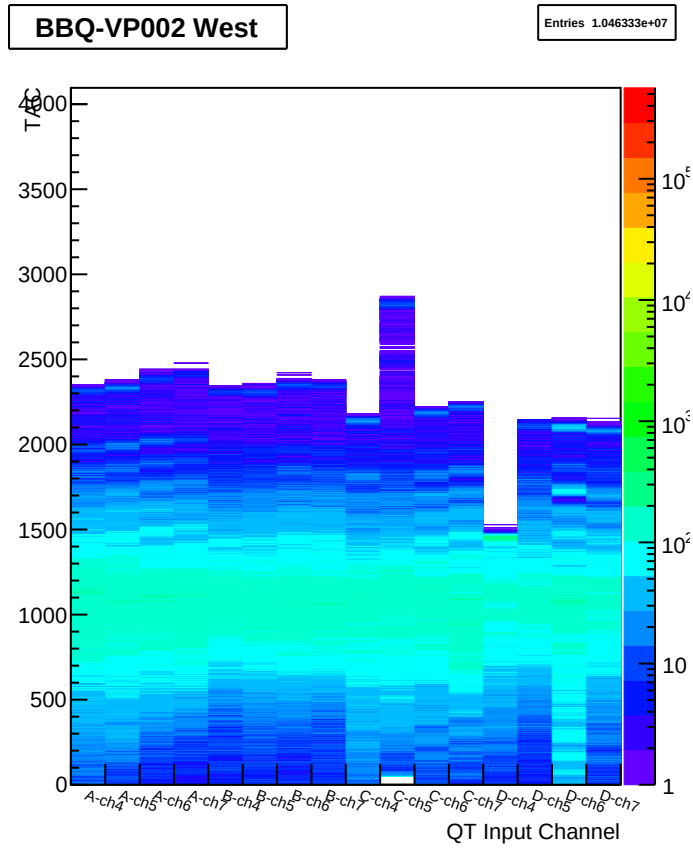

rawzdcEastTac
Entries 653958

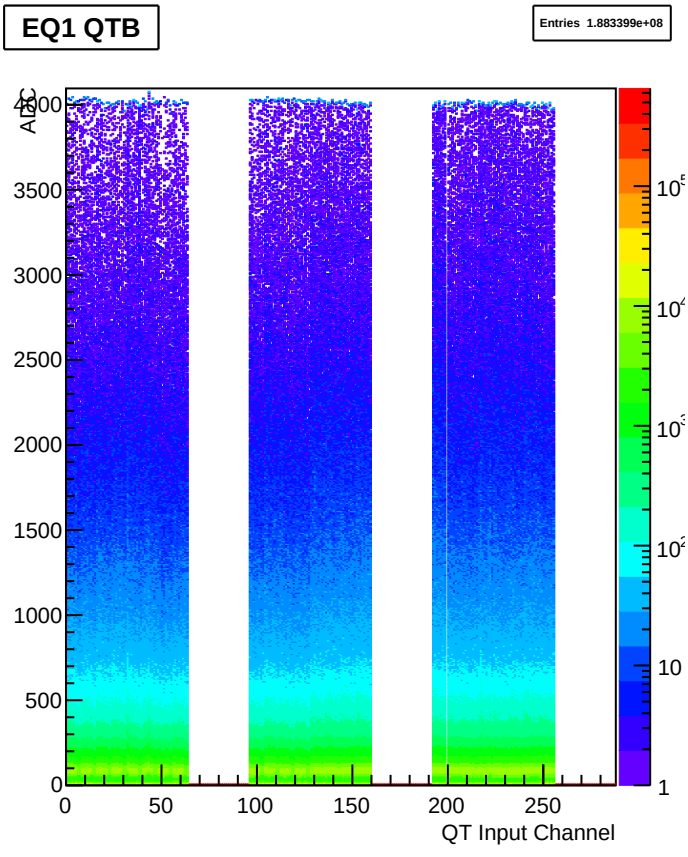

rawzdcWestTac
Entries 653958

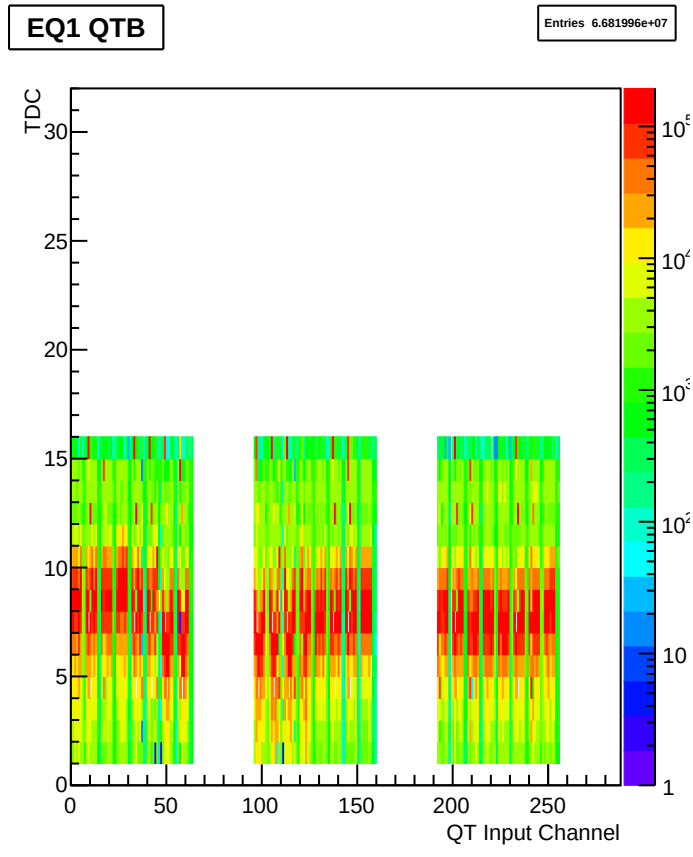

BBQ-VP001 East
Entries 1.046333e+07
ADC
QT Input Channel

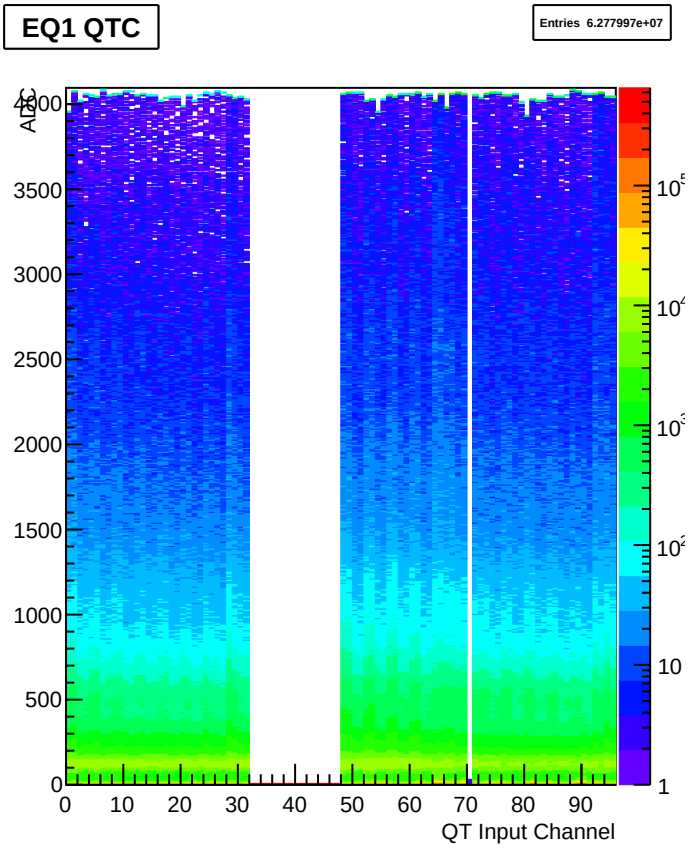

BBQ-VP001 East
Entries 1.046333e+07
TADC
QT Input Channel

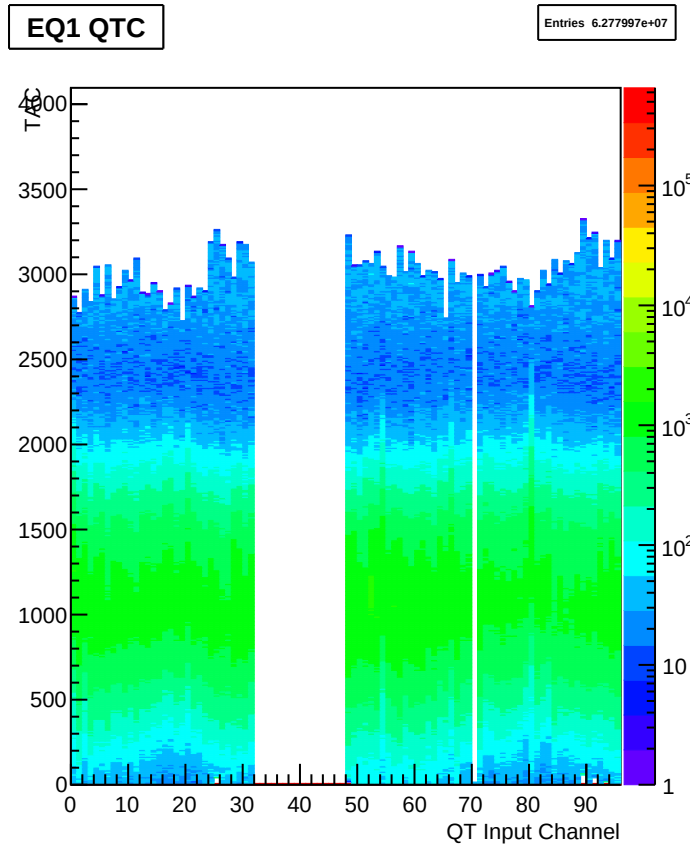

BBQ-VP002 West
Entries 1.046333e+07
ADC
QT Input Channel

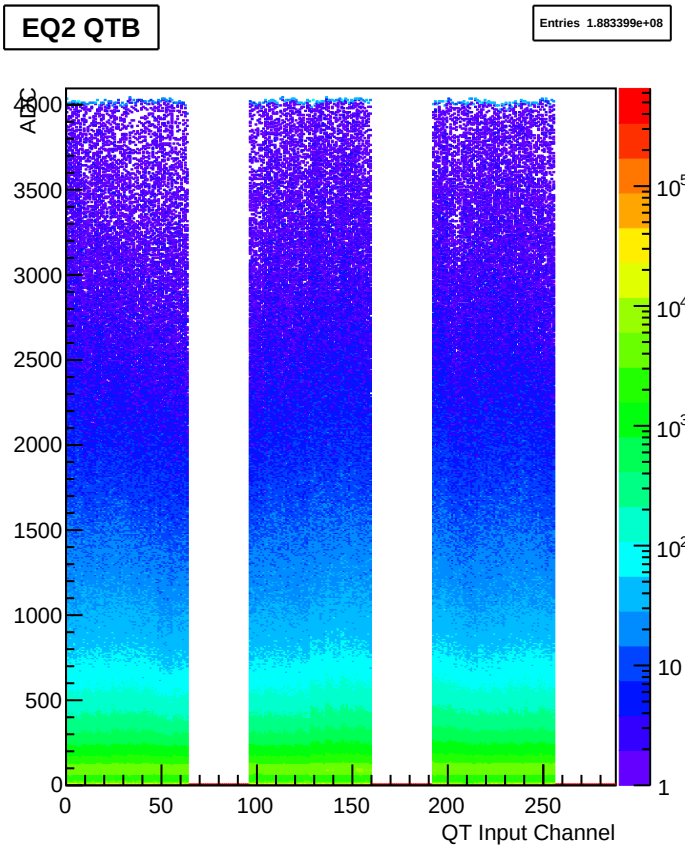

BBQ-VP002 West
Entries 1.046333e+07
TADC
QT Input Channel

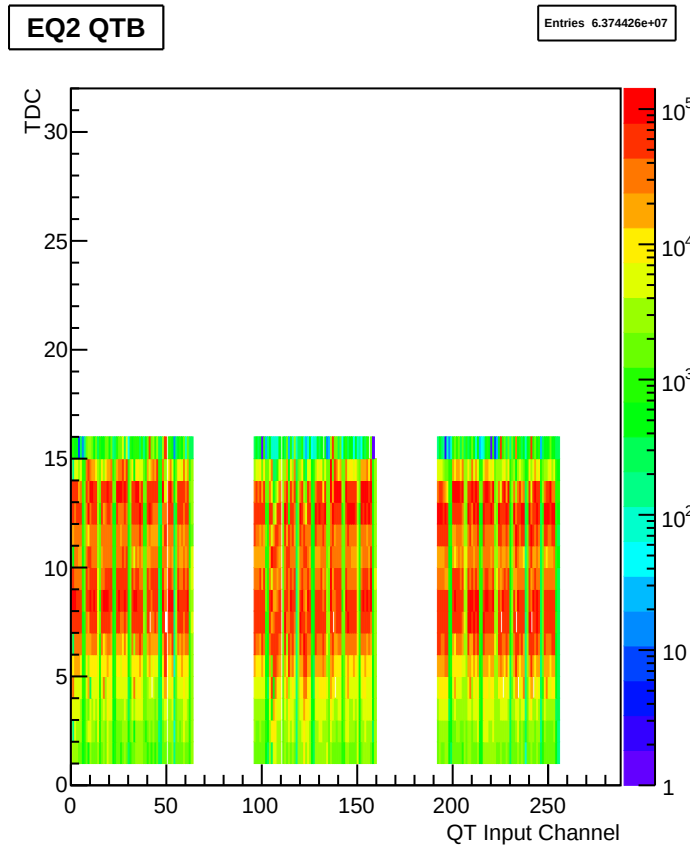

EQ1 QTB
Entries 1.883399e+08
ADC
QT Input Channel

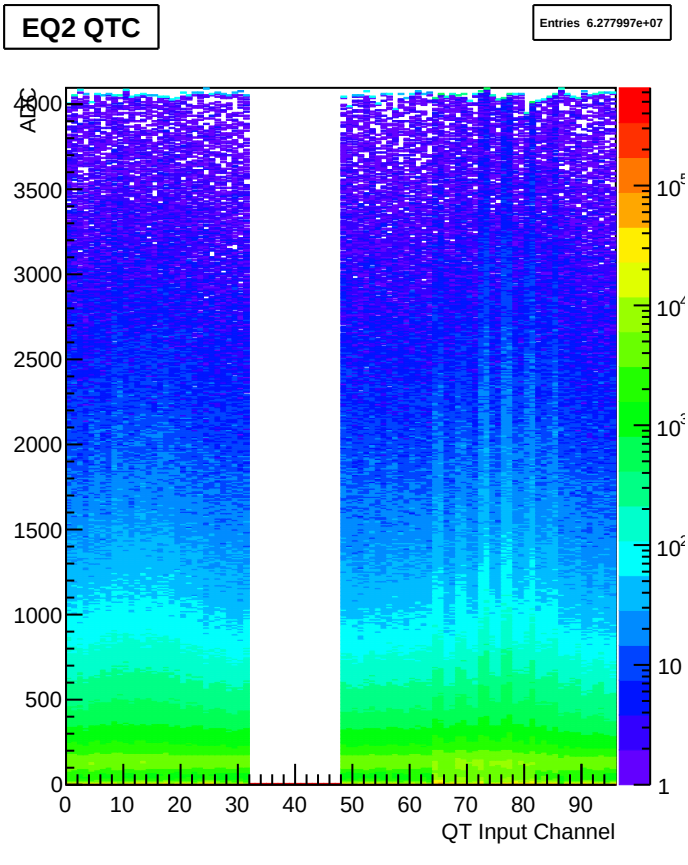

EQ1 QTB
Entries 6.681996e+07
TDC
QT Input Channel

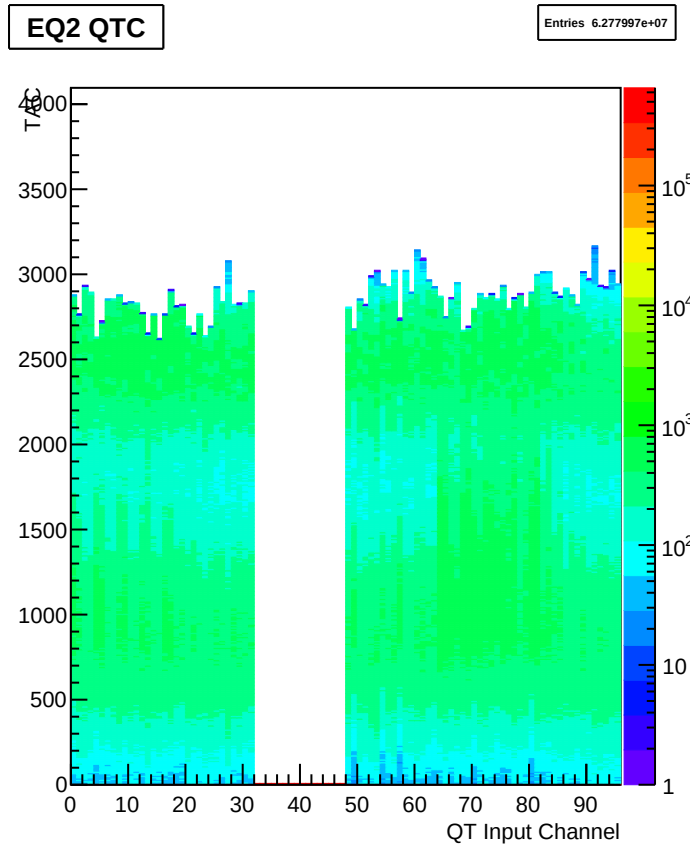

EQ1 QTC
Entries 6.277997e+07
ADC
QT Input Channel

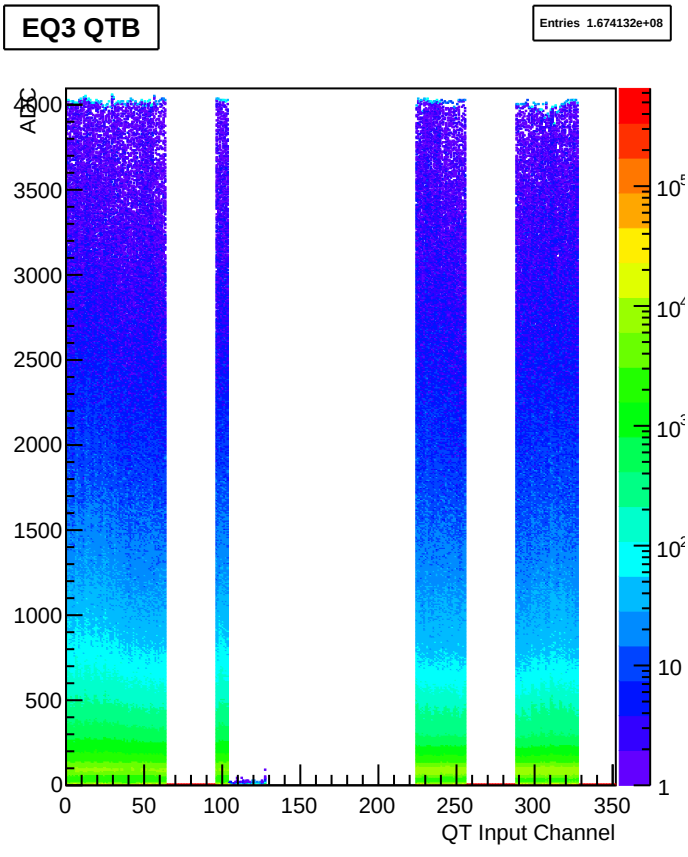

EQ1 QTC
Entries 6.277997e+07
TADC
QT Input Channel

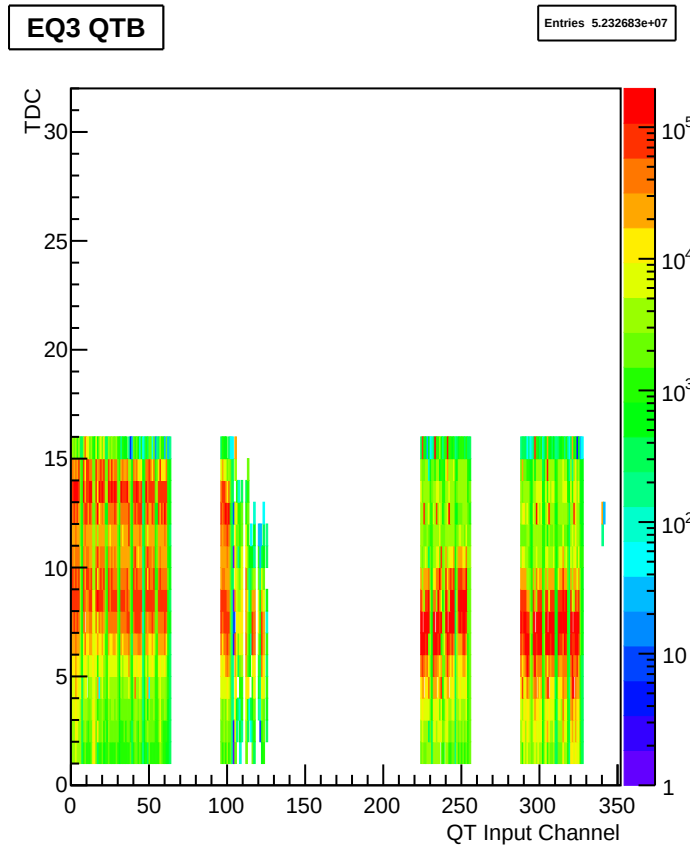

EQ2 QTB
Entries 1.883399e+08
ADC
QT Input Channel

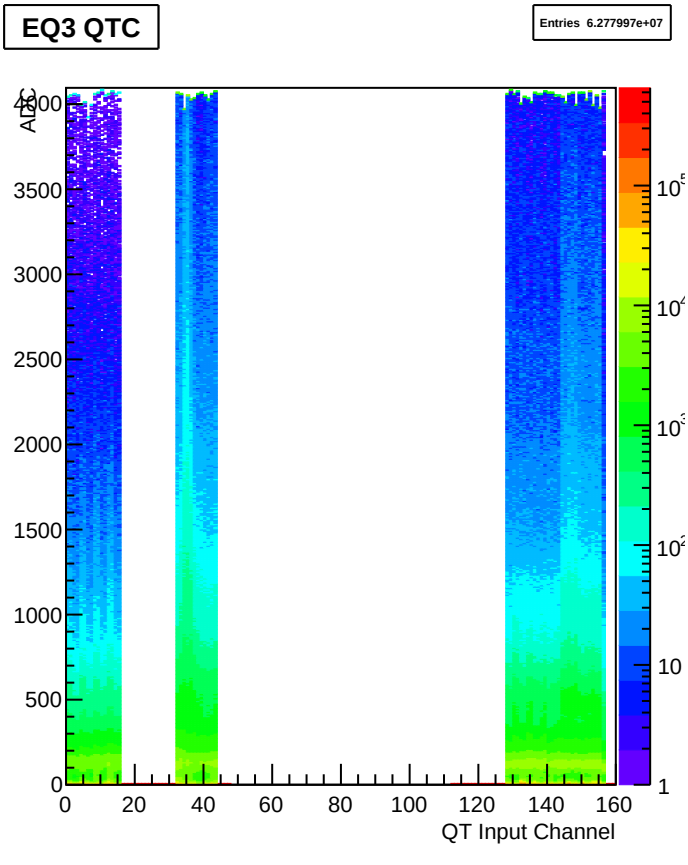

EQ2 QTB
Entries 6.374426e+07
TDC
QT Input Channel

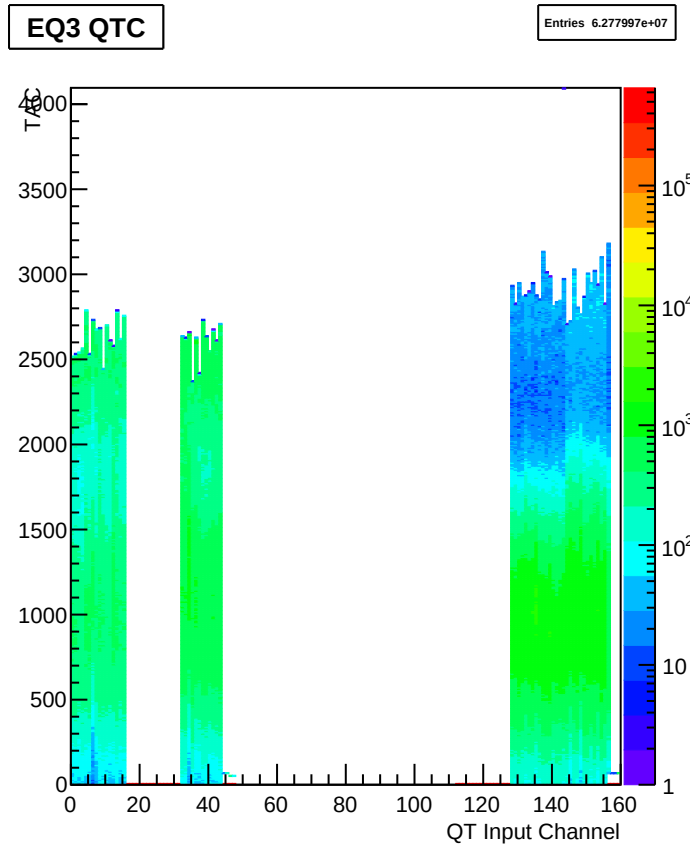

EQ2 QTC
Entries 6.277997e+07
ADC
QT Input Channel

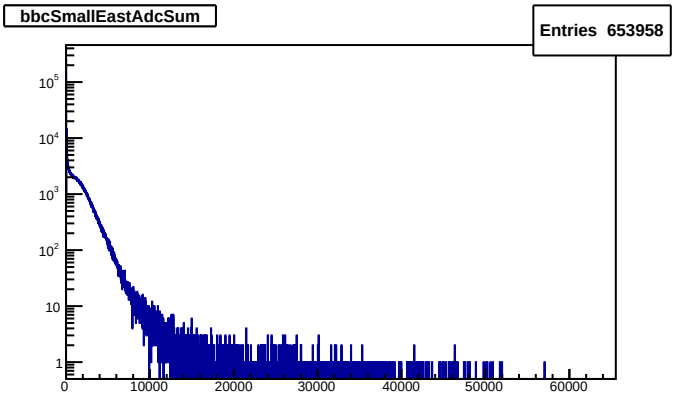

EQ2 QTC
Entries 6.277997e+07
TADC
QT Input Channel

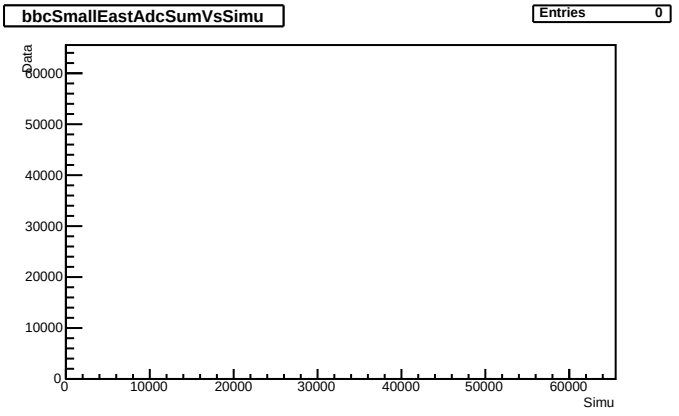

EQ3 QTB
Entries 1.674132e+08
ADC
QT Input Channel

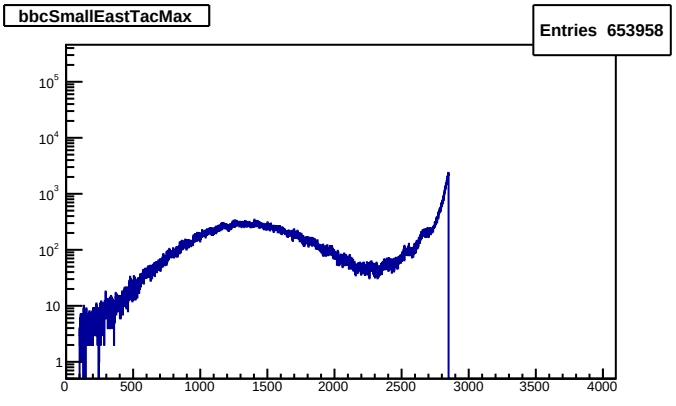

EQ3 QTB
Entries 5.232683e+07
TDC
QT Input Channel

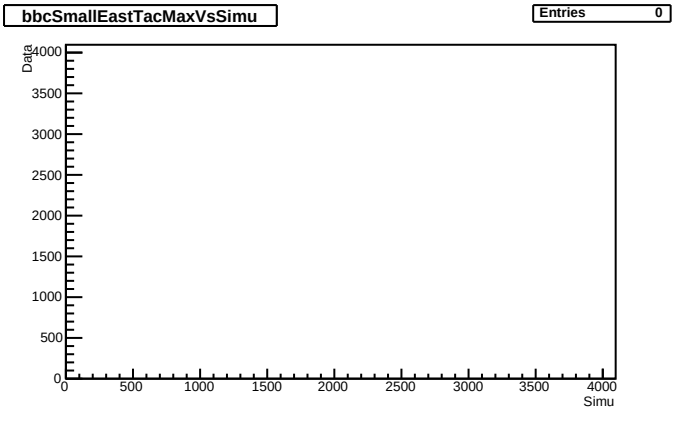

EQ3 QTC
Entries 6.277997e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.277997e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 653958


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 653958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Entries 0
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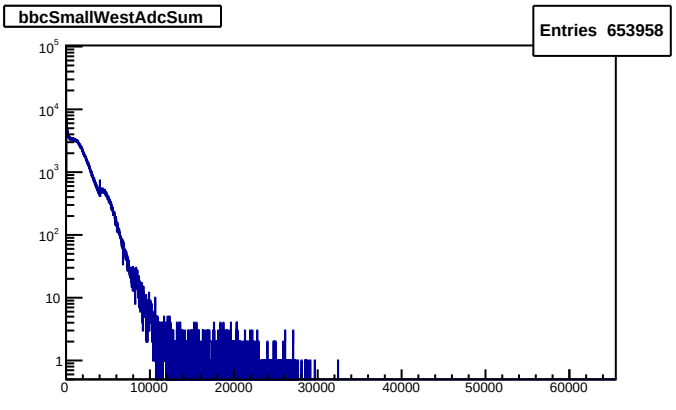
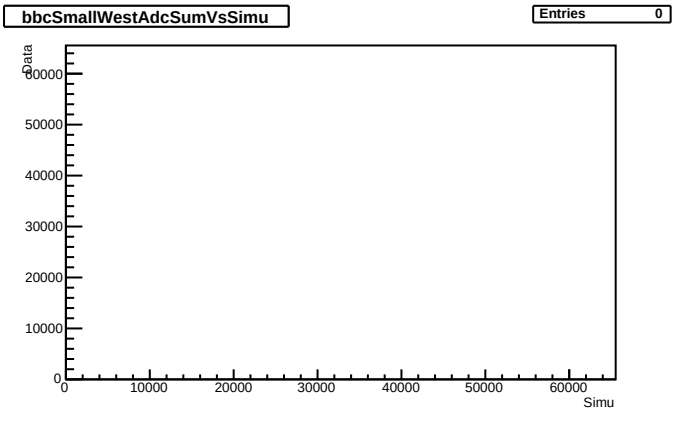
Simu


bbcSmallWestAdcSum
Entries 653958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Entries 0
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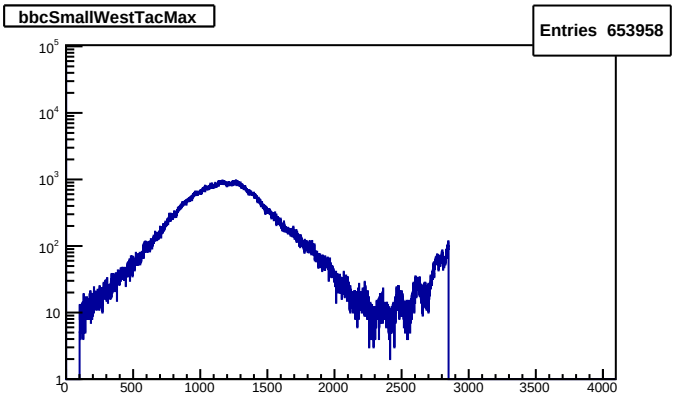
Simu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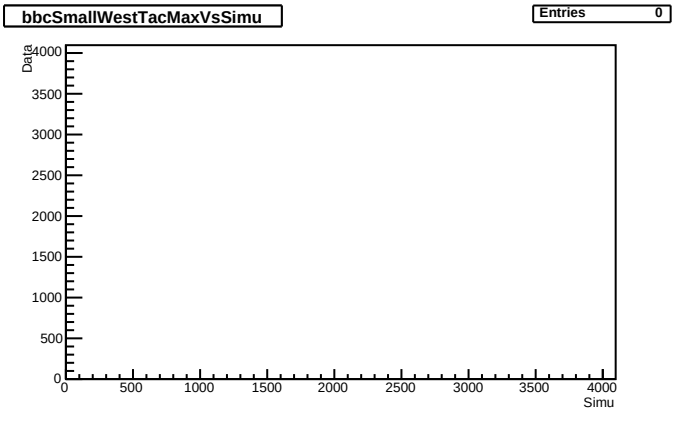
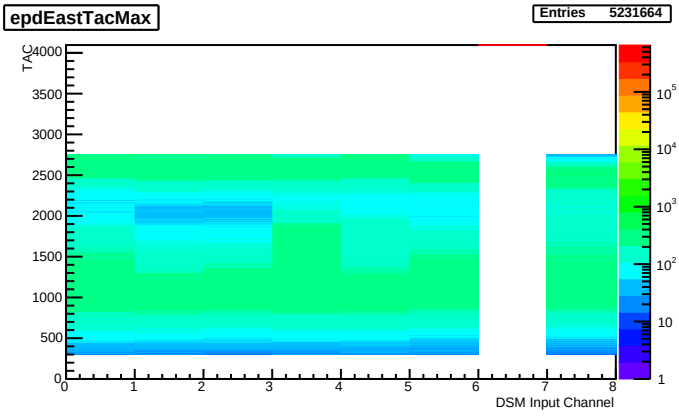
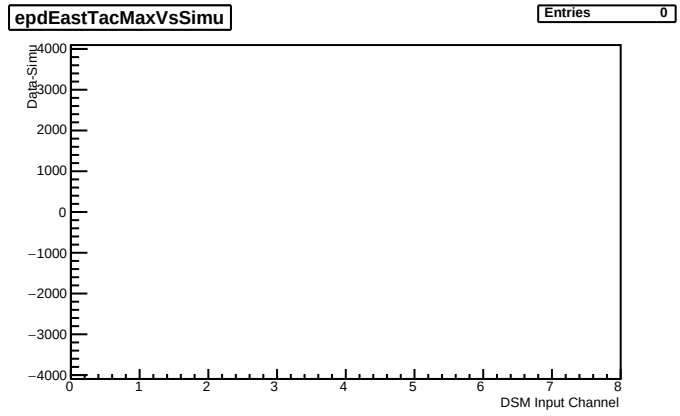
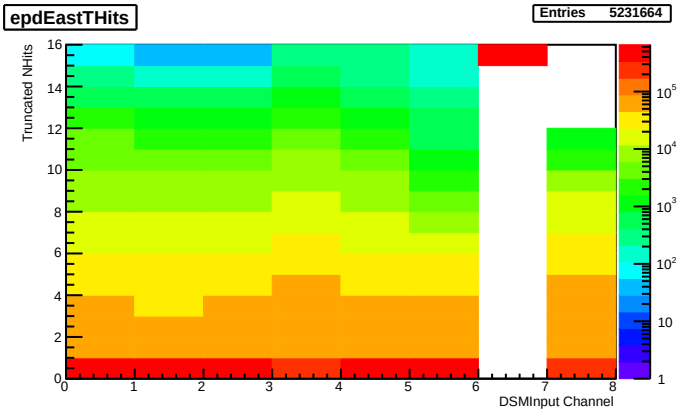
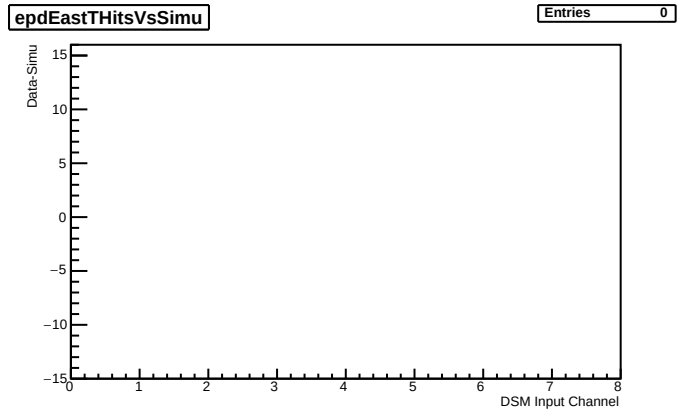
Entries 653958


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5231664
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5231664
Truncated NHits
DSMInput Channel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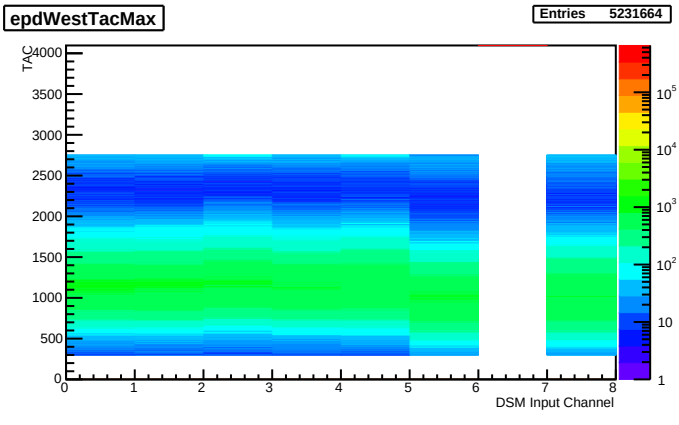
Data-Simu
DSM Input Channel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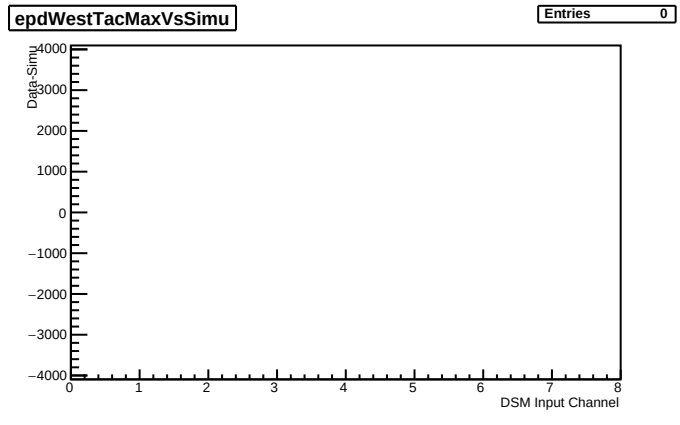
Entries 5231664
TAC
DSM Input Channel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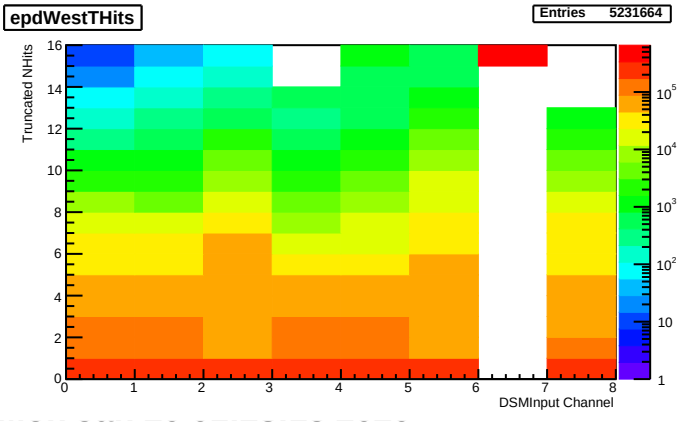
Entries 0
Data-Simu
DSM Input Channel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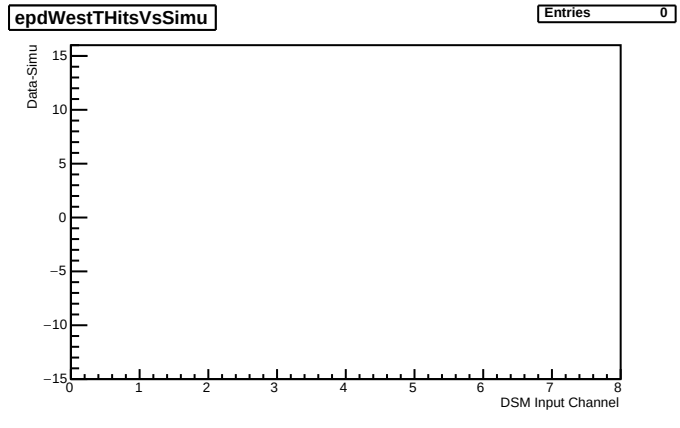
Entries 5231664
Truncated NHits
DSMInput Channel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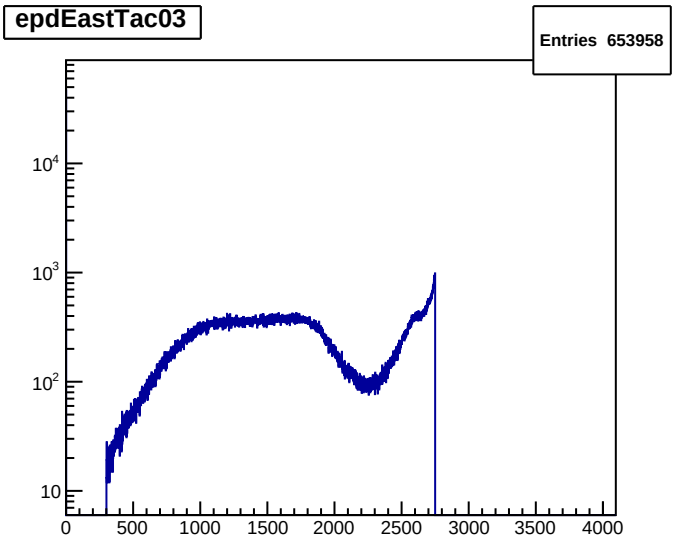
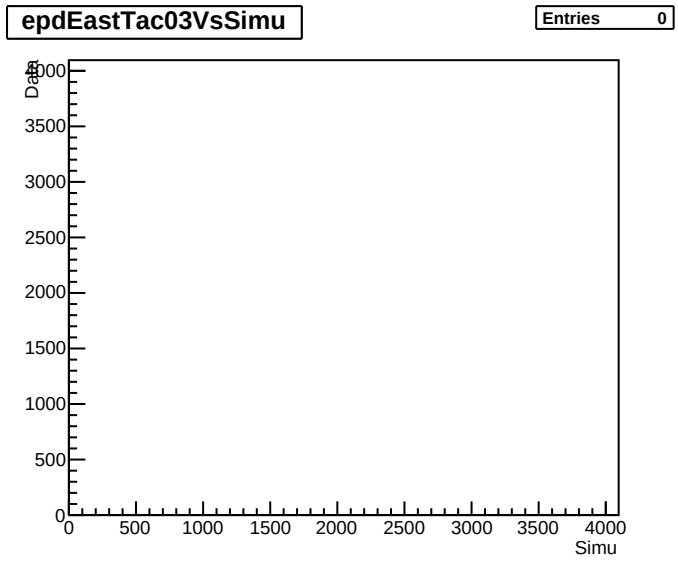
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 653958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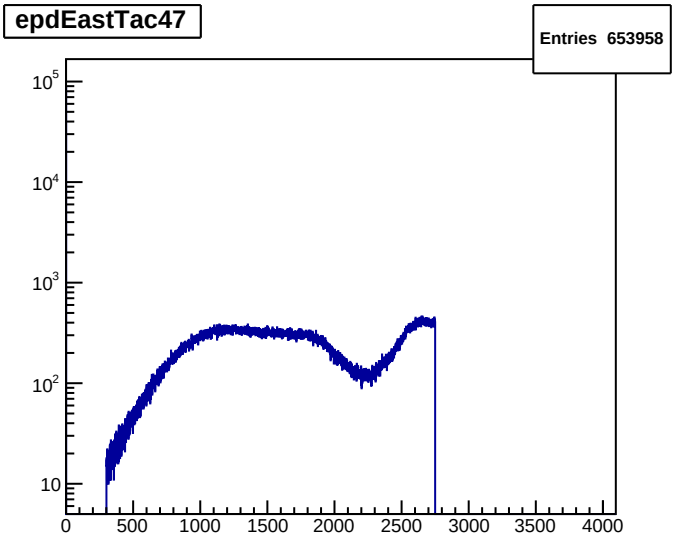
Entries 0
Data
Simu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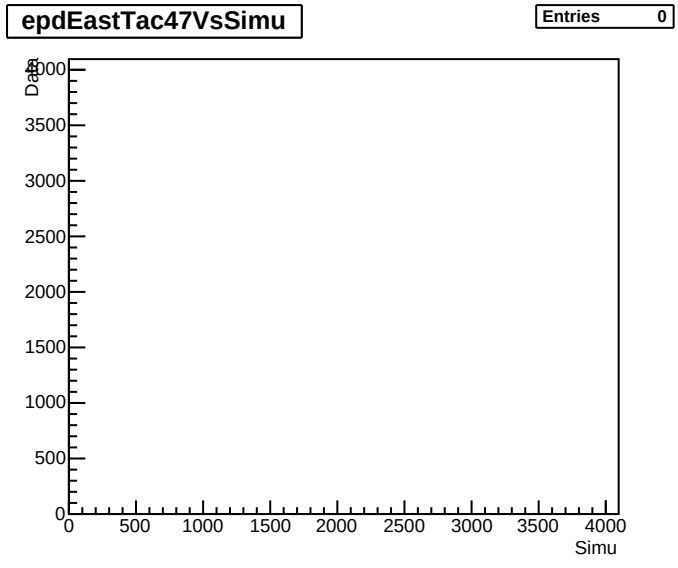
Entries 653958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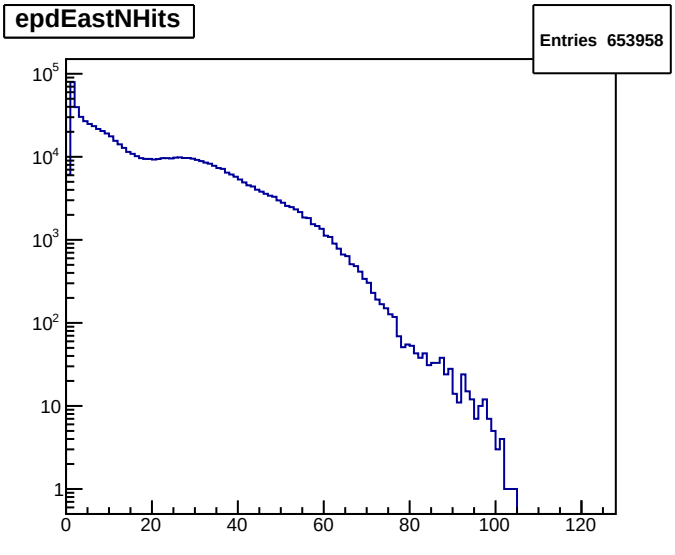
Entries 0
Data
Simu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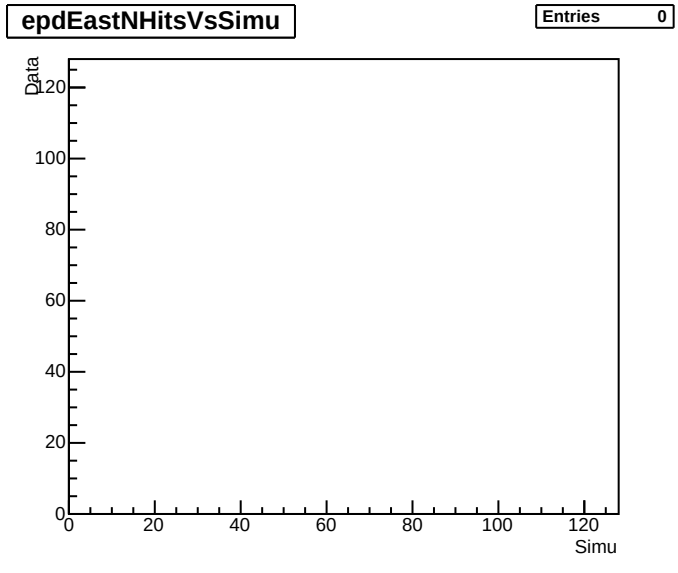
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Data
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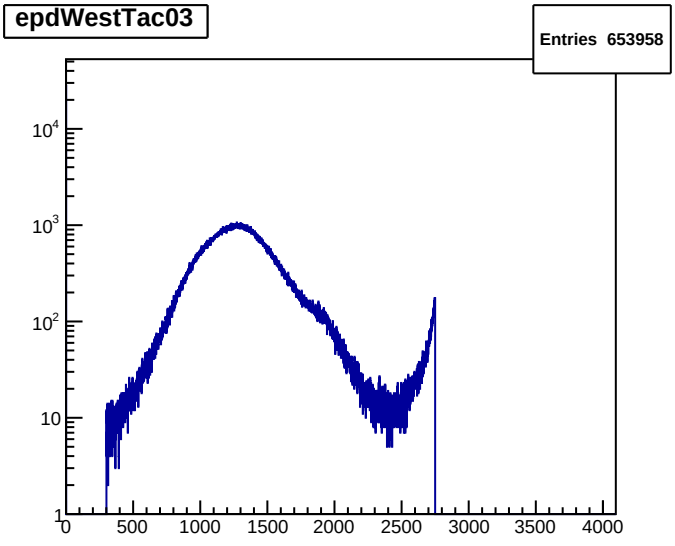
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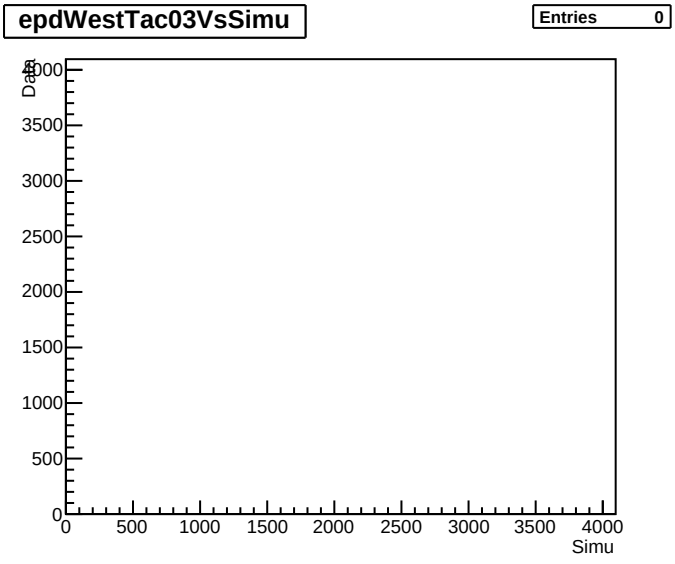
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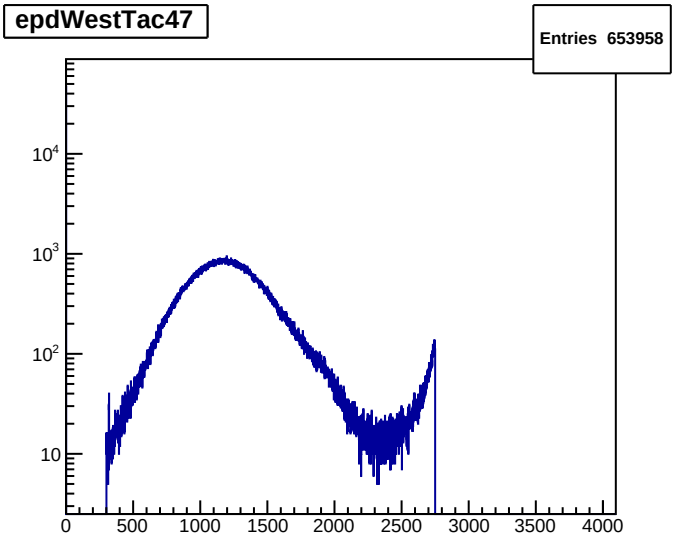
Data
Simu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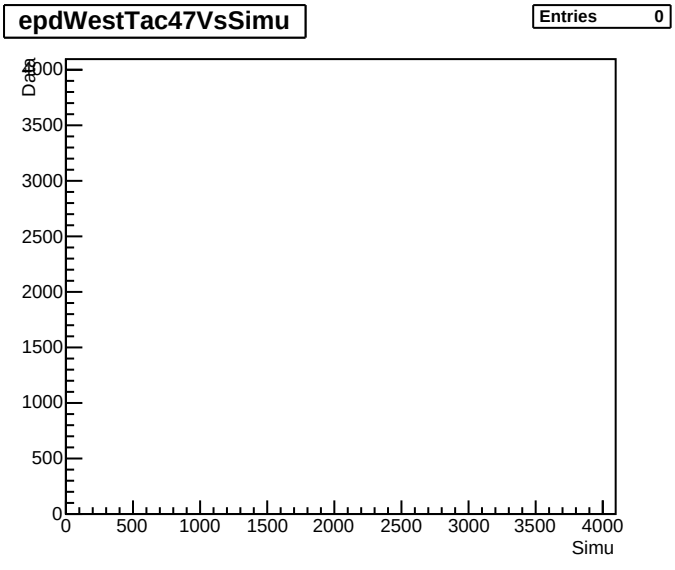
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Data
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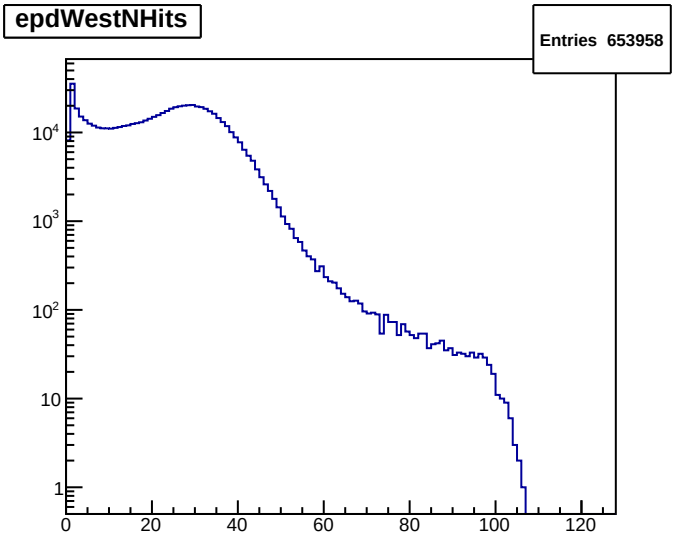
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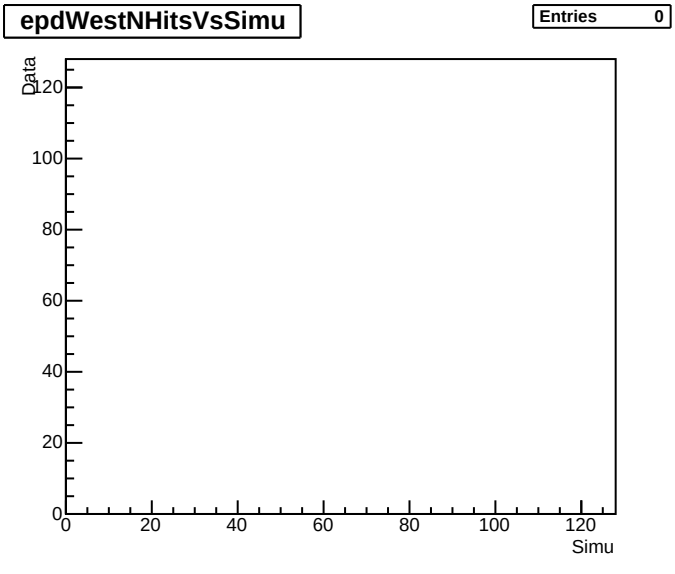
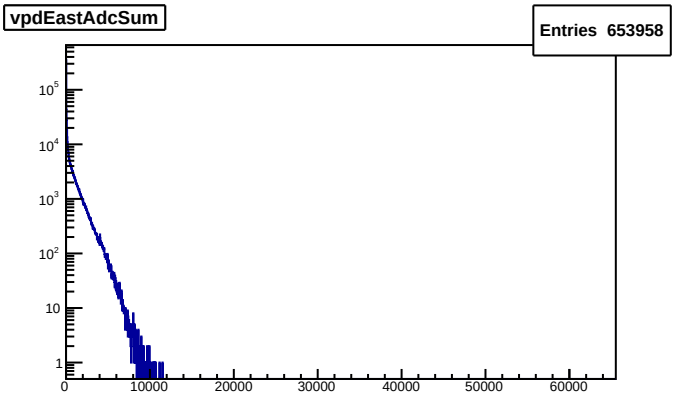
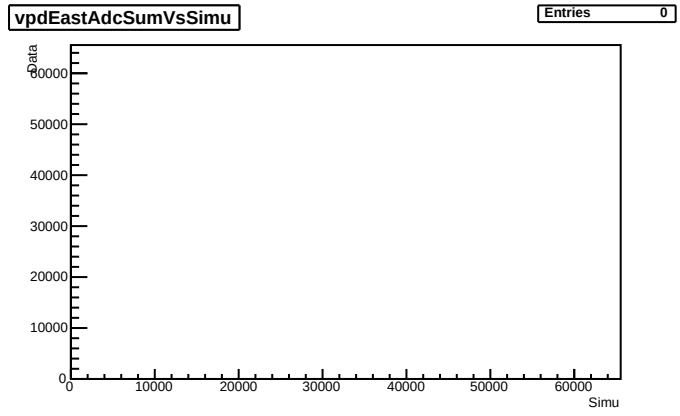
Entries 653958


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 653958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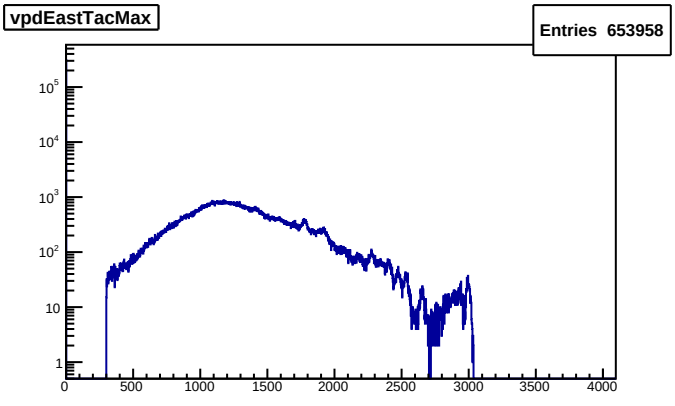
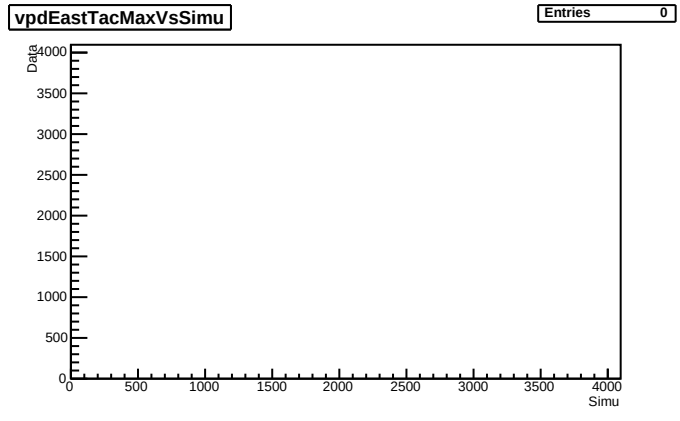
Entries 0
Data
Simu


vpdEastTacMax
Entries 653958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Entries 0
Data
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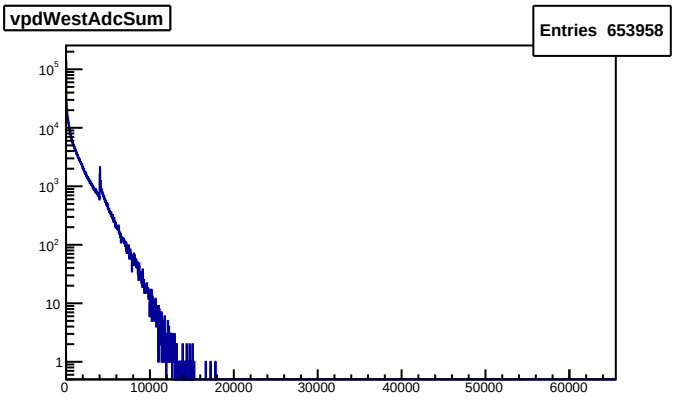
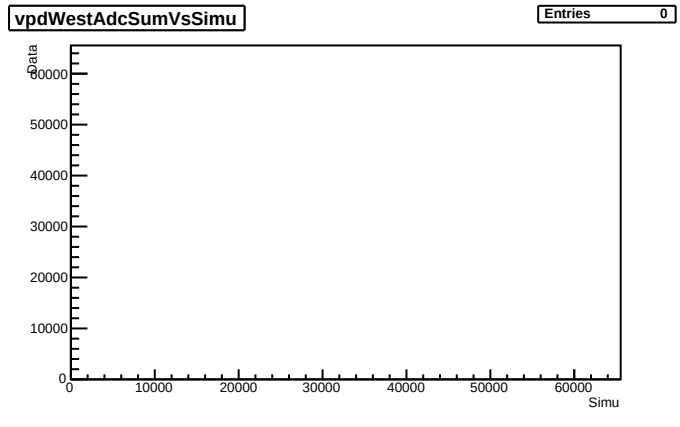
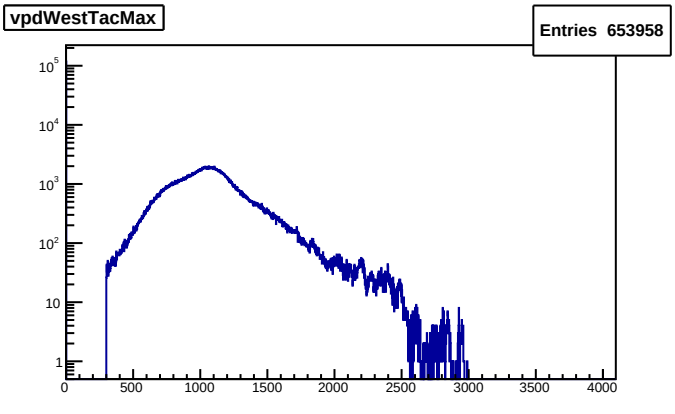
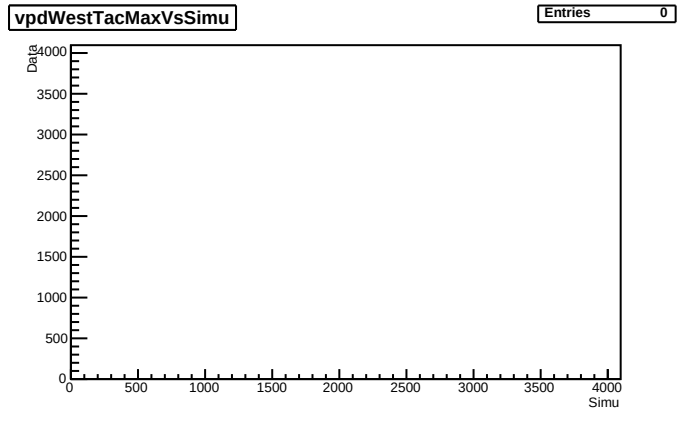
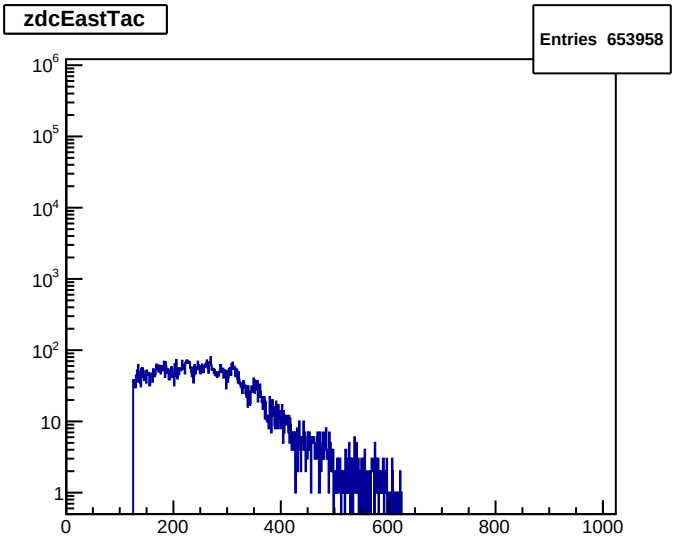
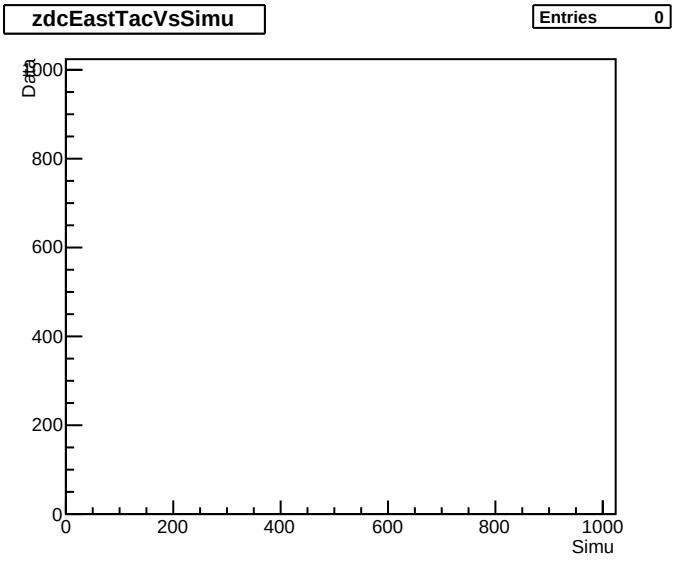

vpdWestAdcSum
Entries 653958

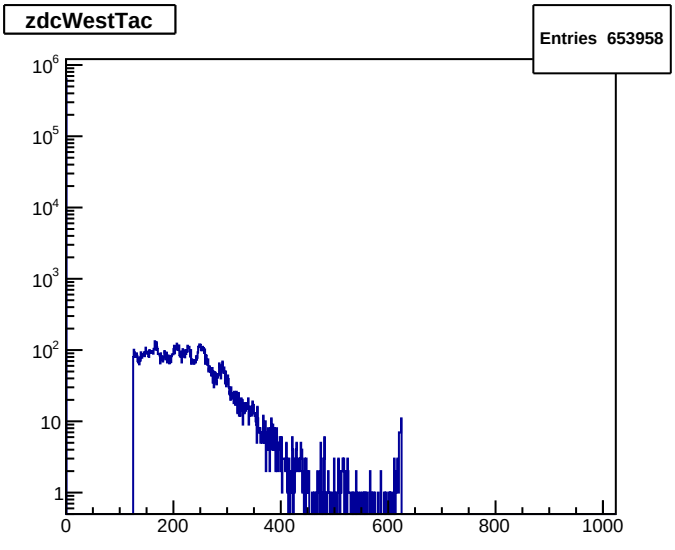

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

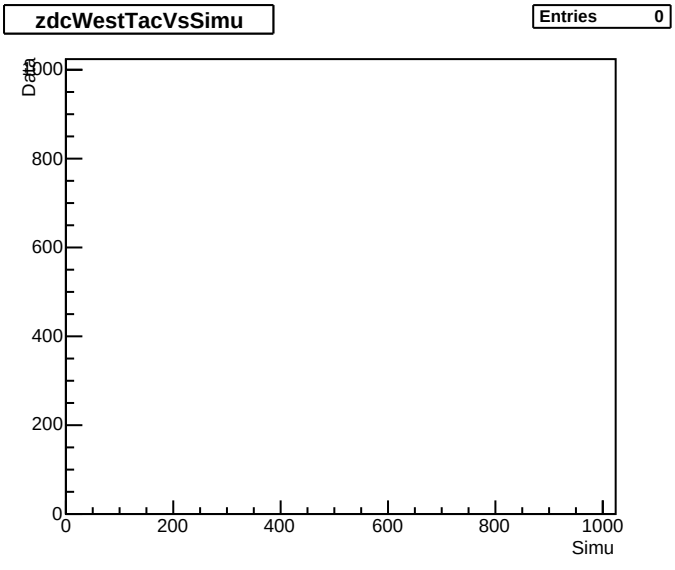

vpdWestTacMax
Entries 653958

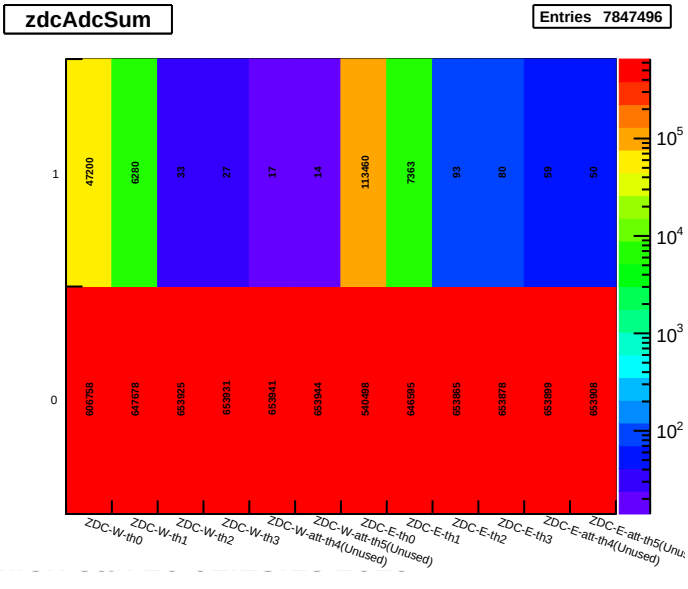

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

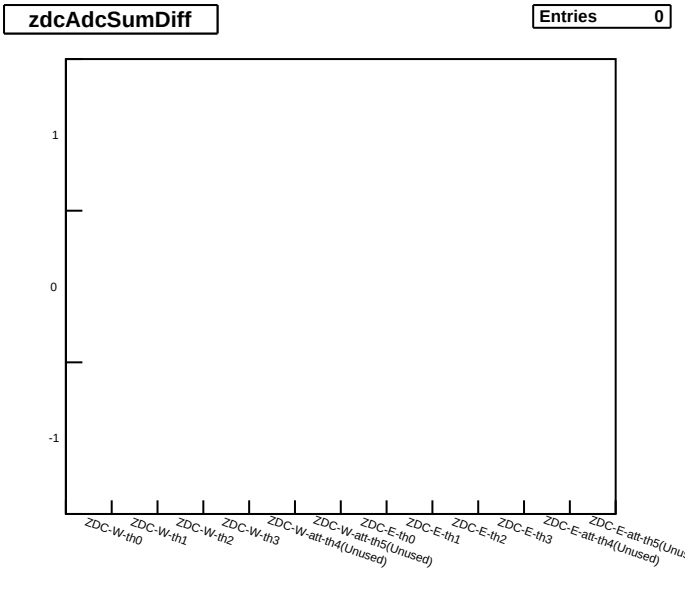

zdcEastTac
Entries 653958

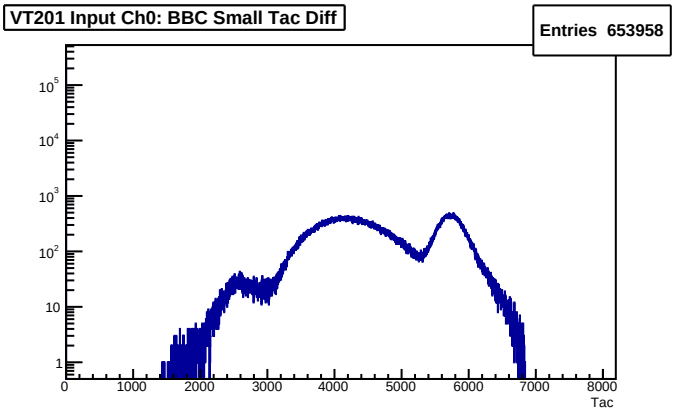

zdcEastTacVsSimu
Entries 0
Data
Simu

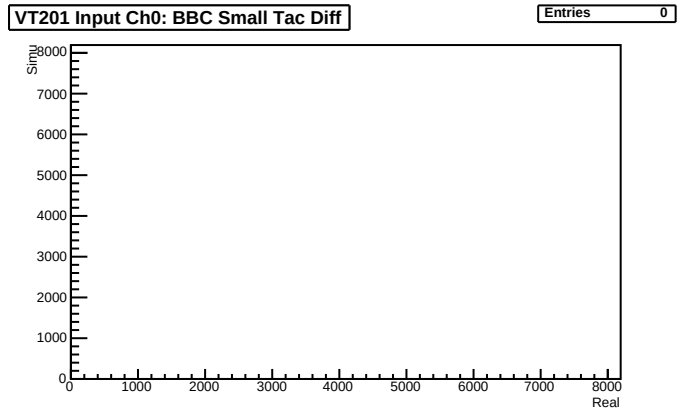

zdcWestTac
Entries 653958

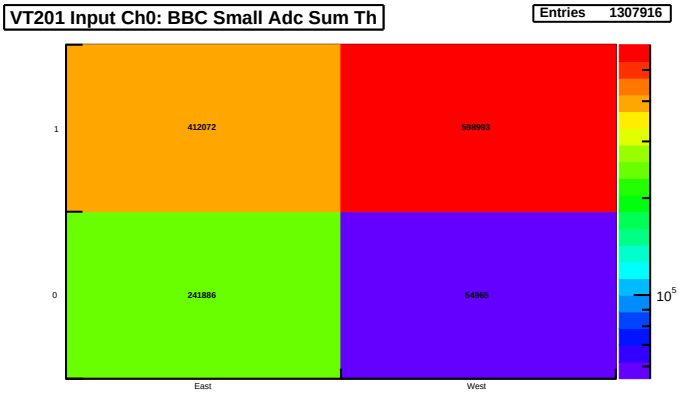

zdcWestTacVsSimu
Entries 0
Data
Simu

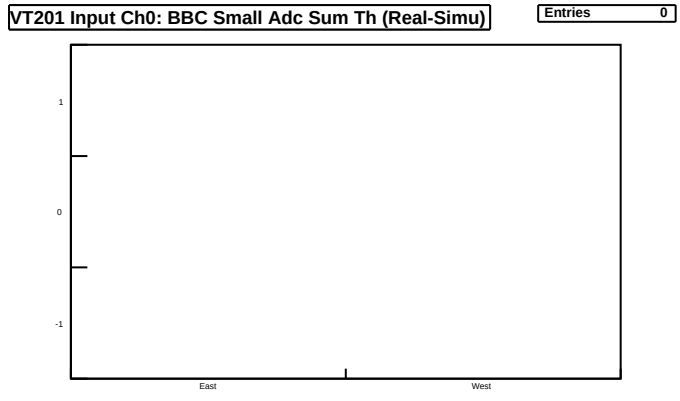

zdcAdcSum
Entries 7847496
47200
6280
33
27
17
14
113460
7363
93
80
59
50
606758
647678
653925
653931
653941
653944
540498
646595
653865
653878
653899
653908
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

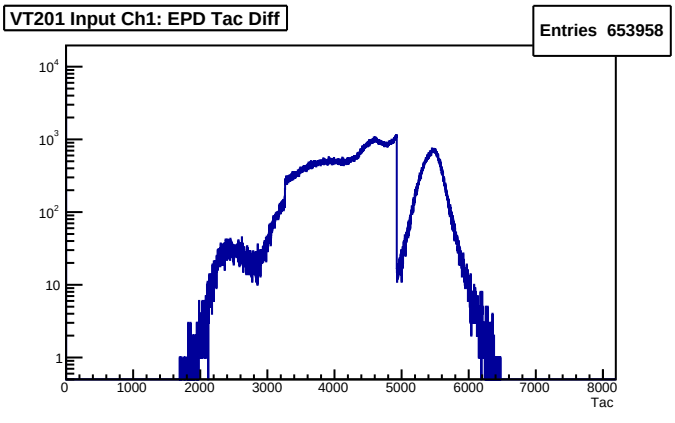

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

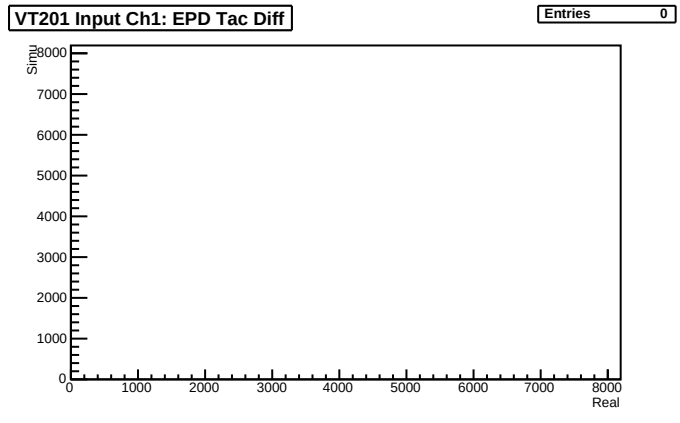

VT201 Input Ch0: BBC Small Tac Diff
Entries 653958
Tac

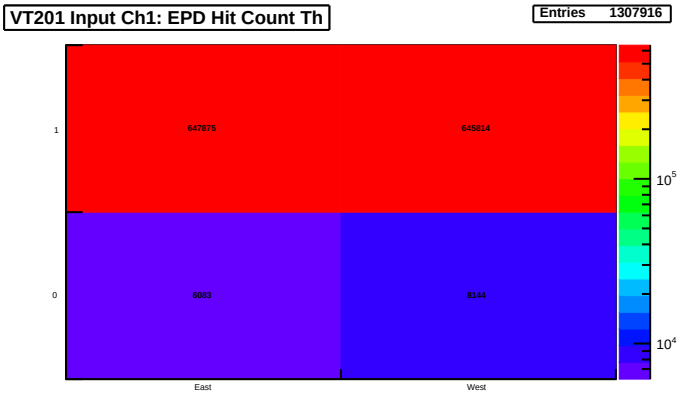

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

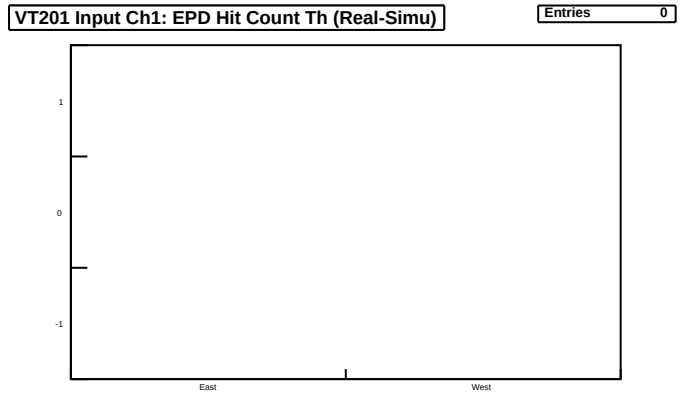

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1307916
412072
598993
241886
54965
East
West

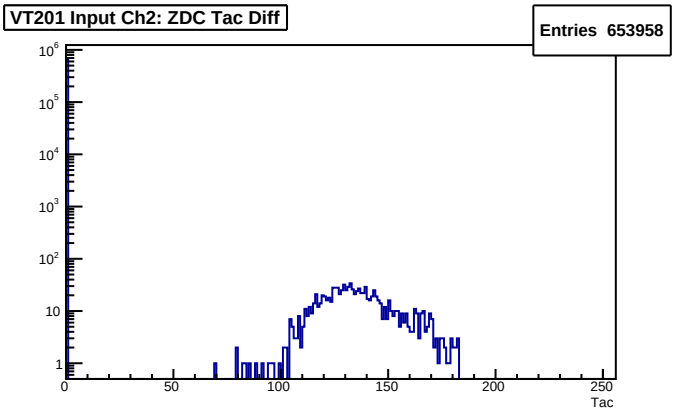

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

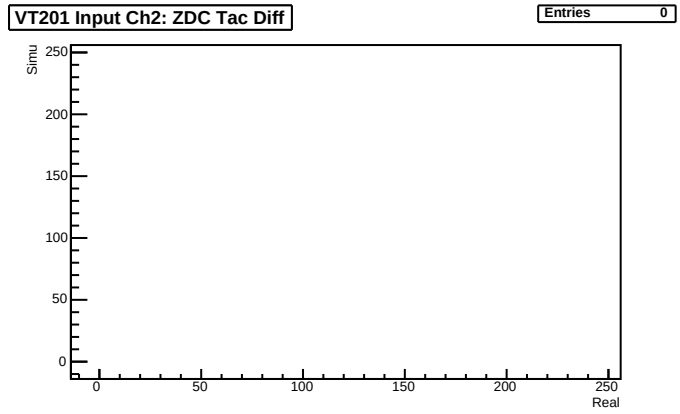

VT201 Input Ch1: EPD Tac Diff
Entries 653958
Tac

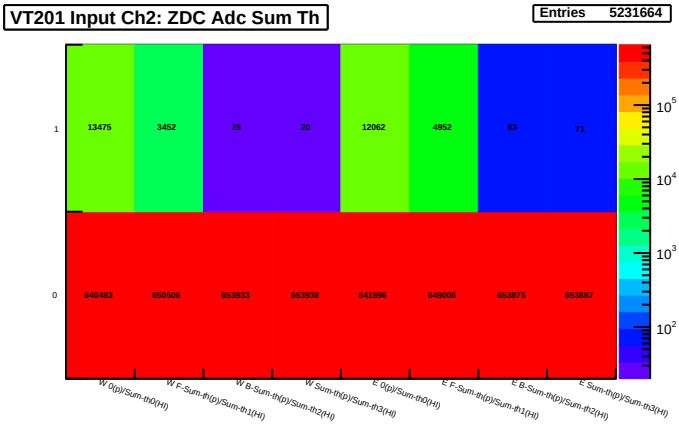

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

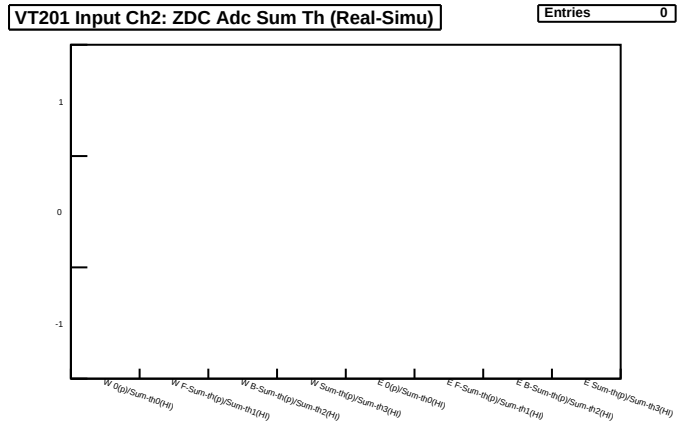

VT201 Input Ch1: EPD Hit Count Th
Entries 1307916
647875
645814
6083
8144
East
West

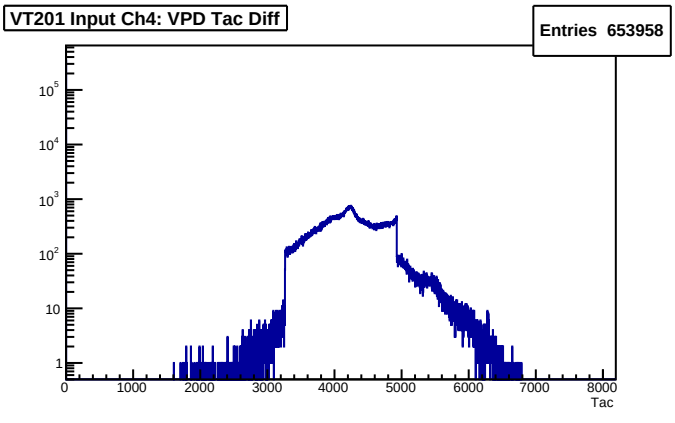

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

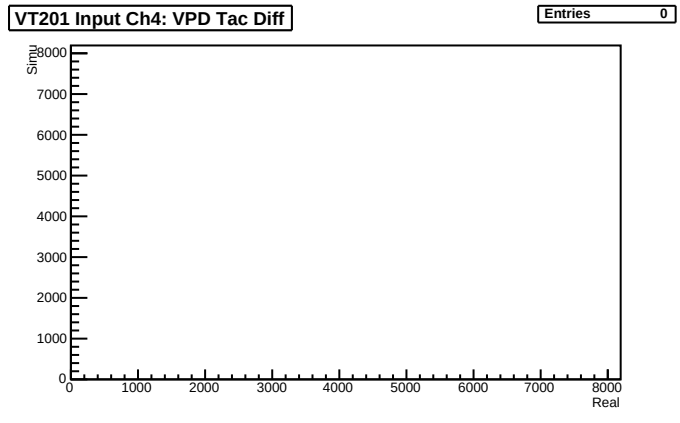

VT201 Input Ch2: ZDC Tac Diff
Entries 653958
Tac

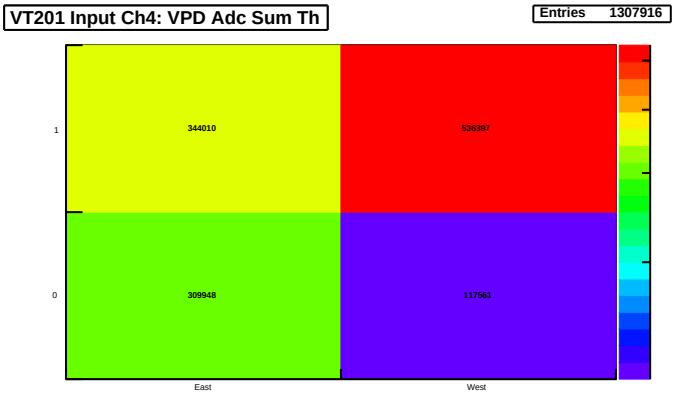

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

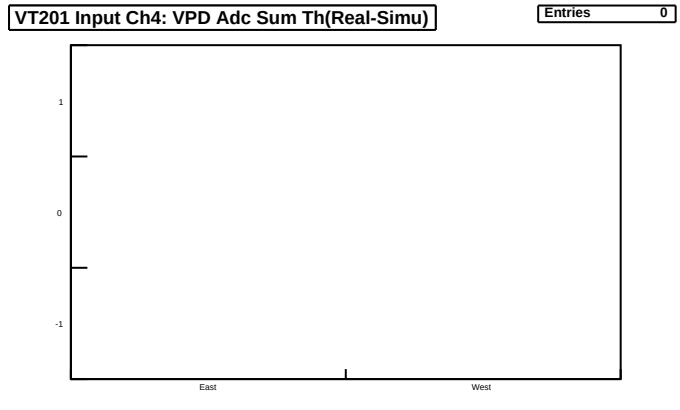

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5231664
13475
3452
25
20
12062
4952
83
71
640483
650506
653933
653938
641896
649006
653875
653887
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

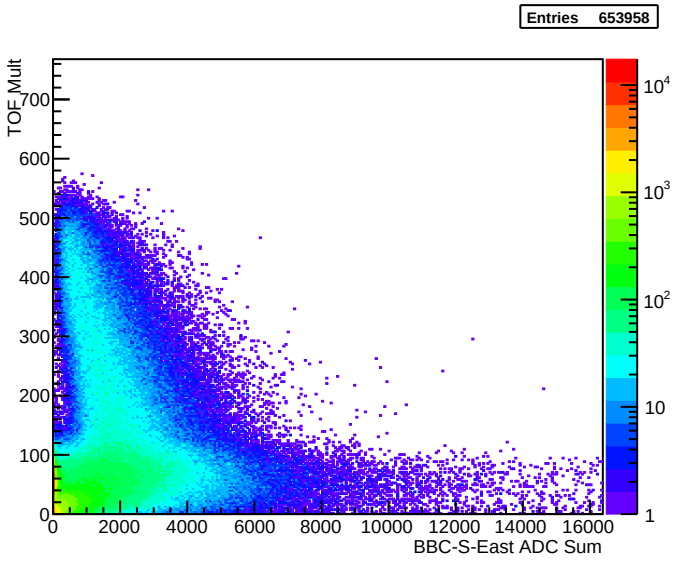

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

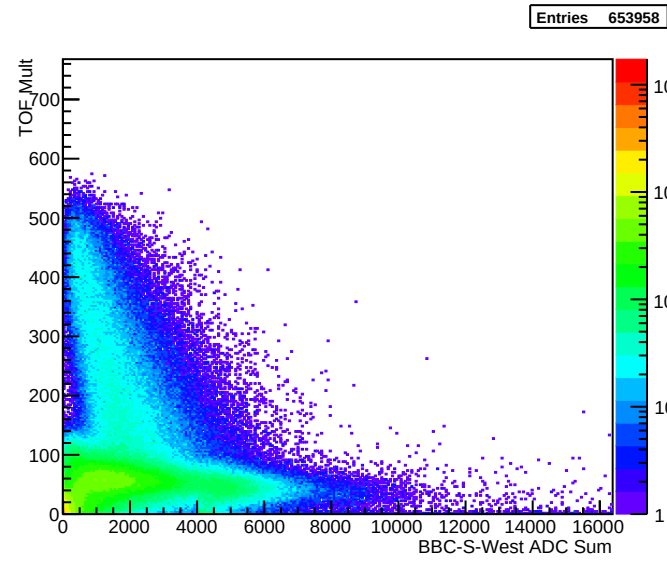

VT201 Input Ch4: VPD Tac Diff
Entries 653958
Tac

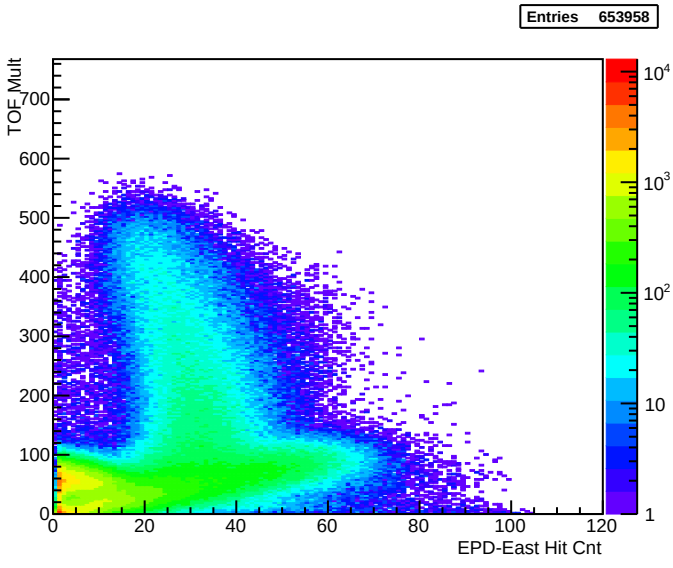

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

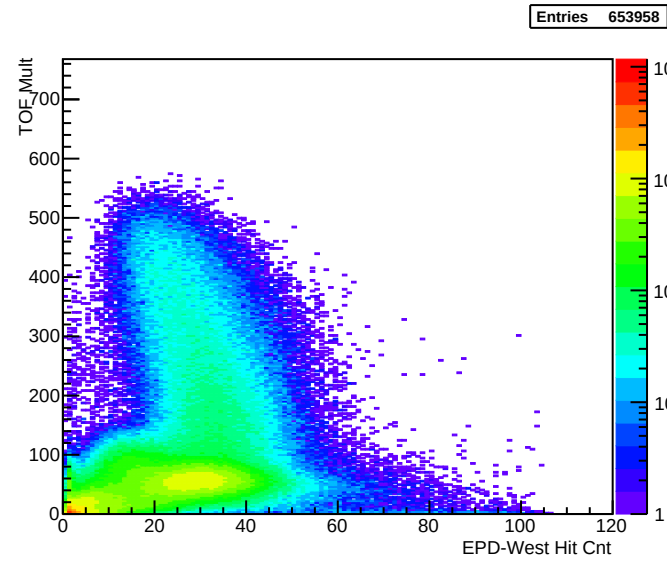

VT201 Input Ch4: VPD Adc Sum Th
Entries 1307916
344010
536397
309948
117581
East
West

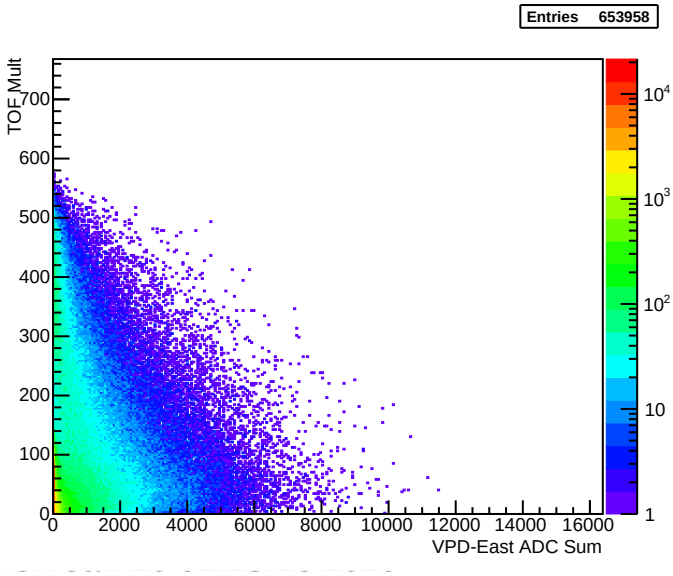

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

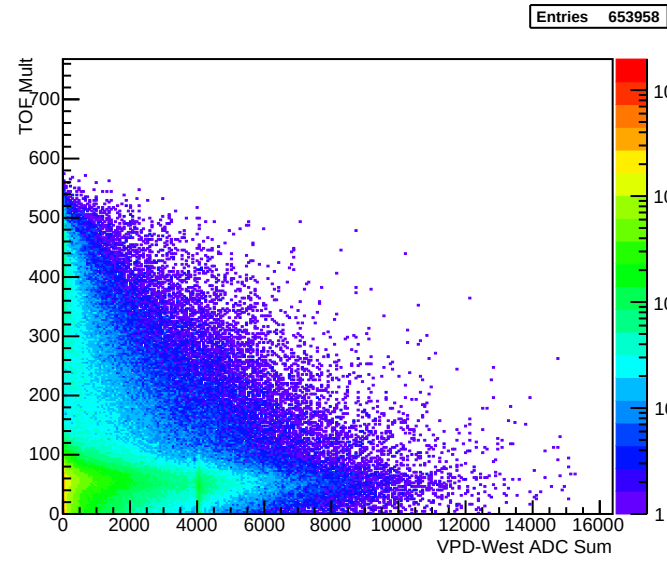

Entries 653958
TOF_Mult
BBC-S-East ADC Sum

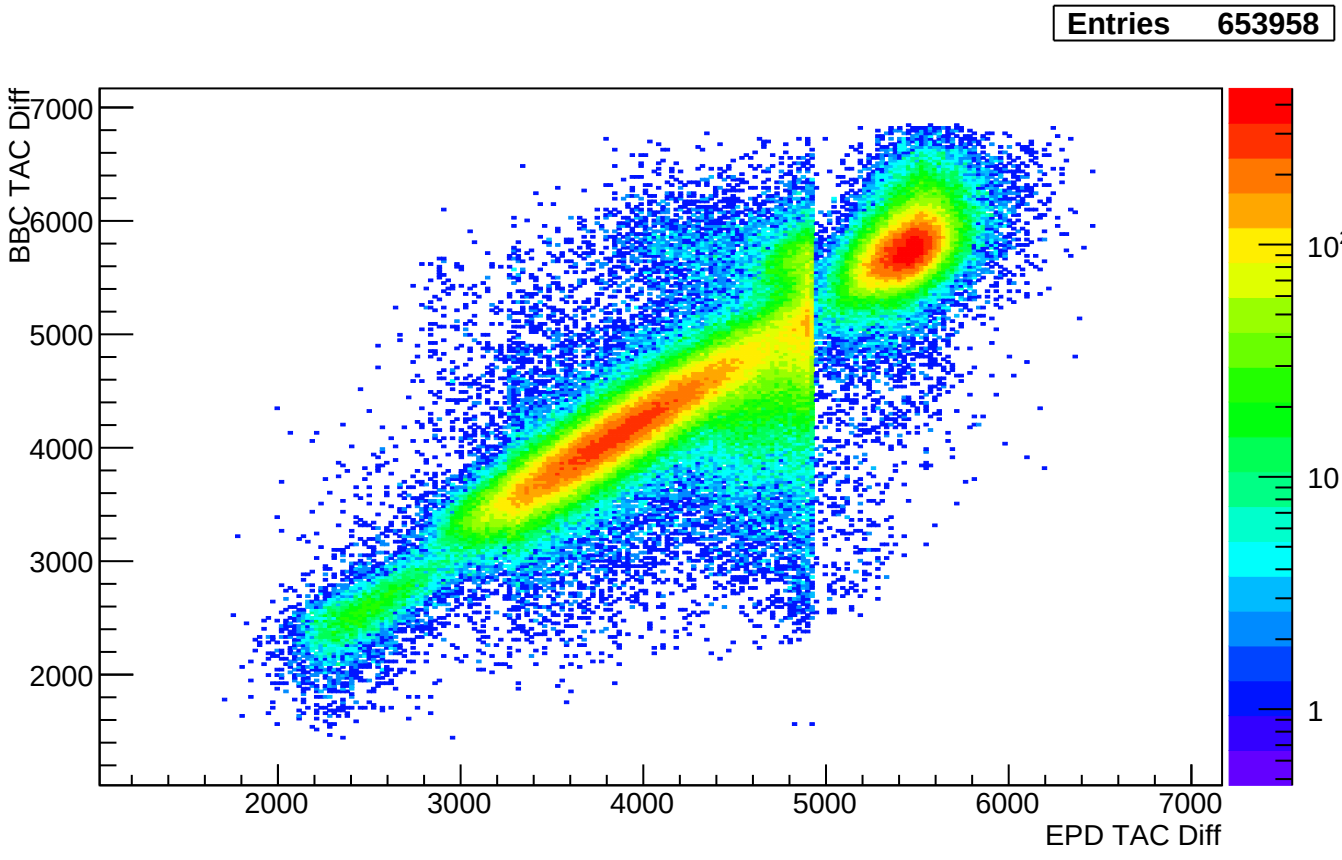

Entries 653958
TOF_Mult
BBC-S-West ADC Sum

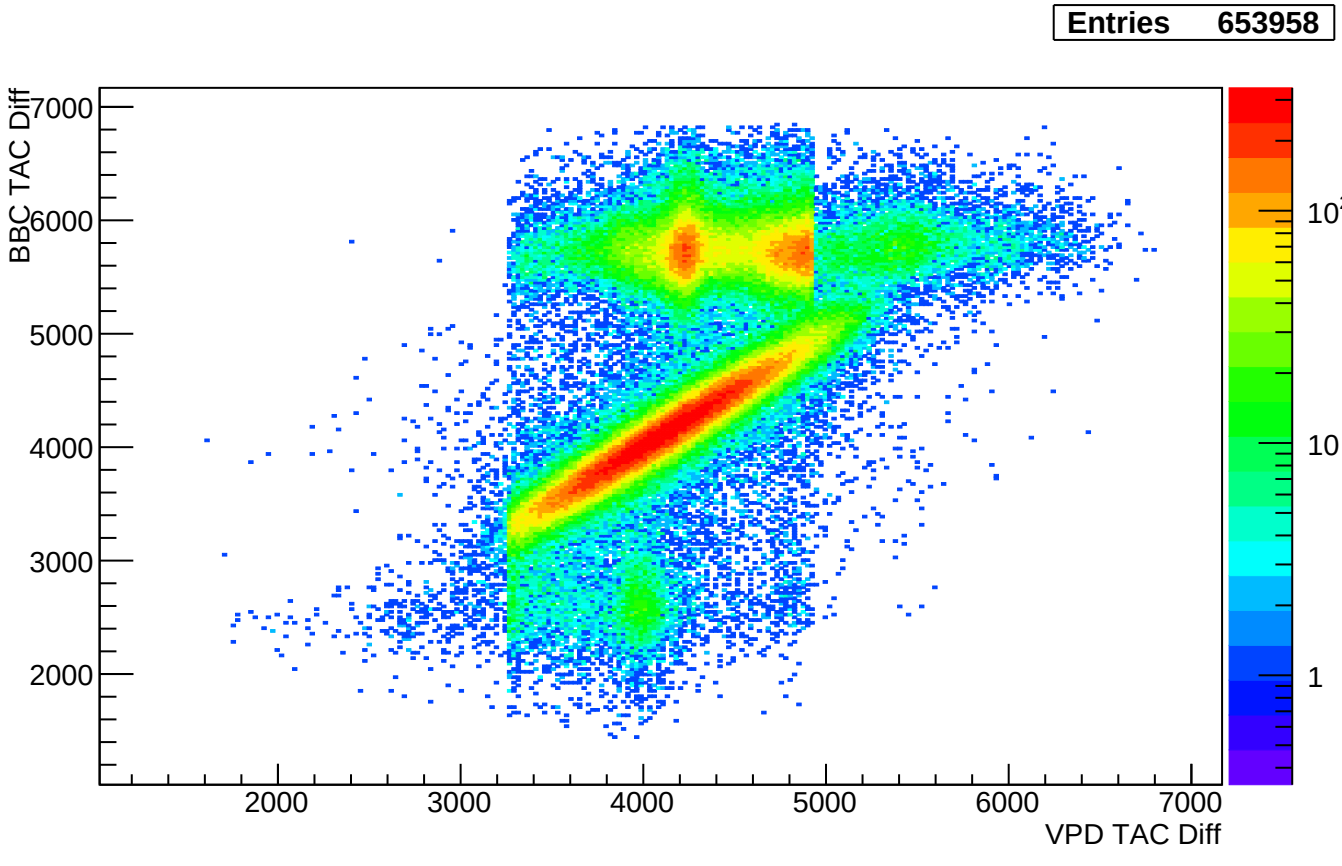

Entries 653958
TOF_Mult
EPD-East Hit Cnt

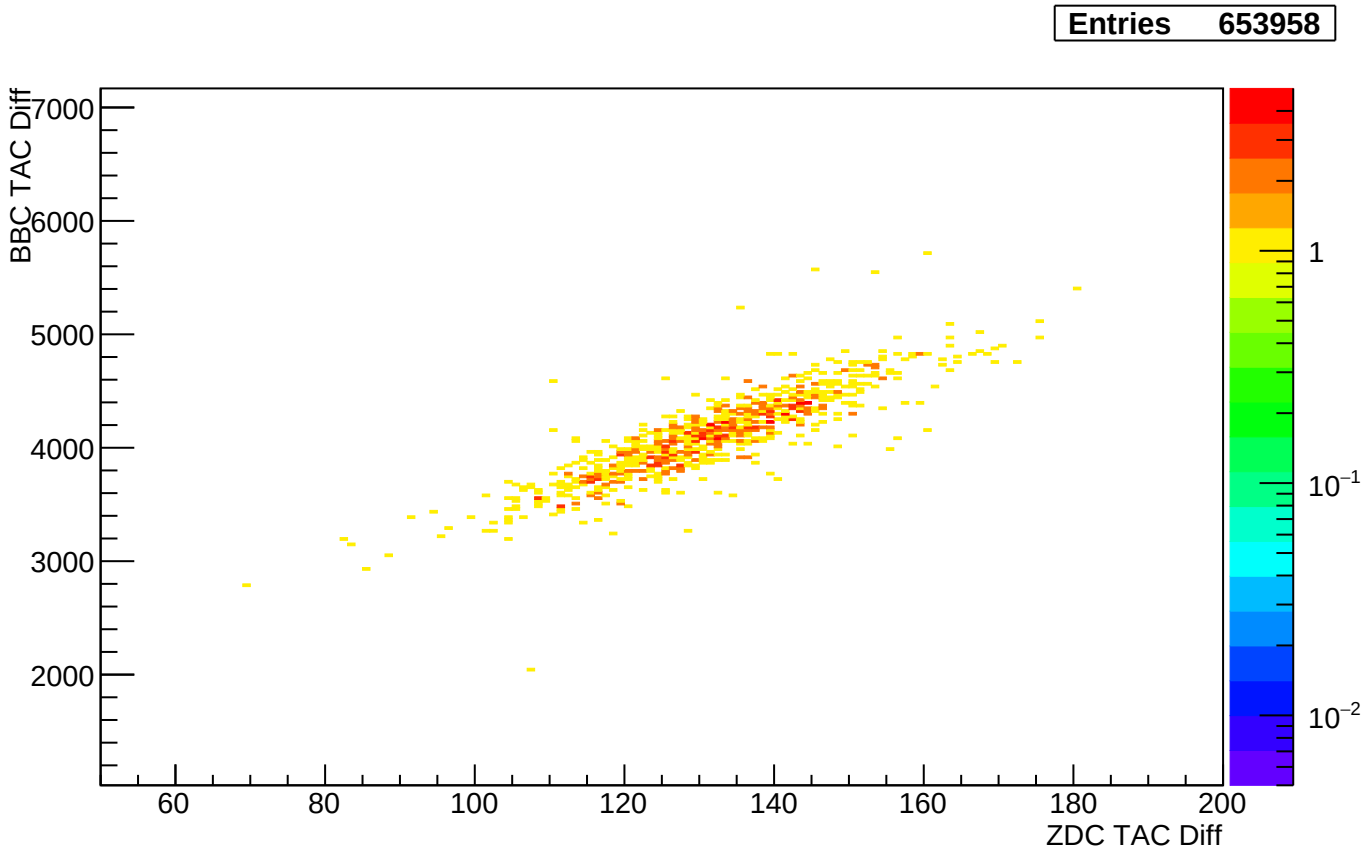

Entries 653958
TOF_Mult
EPD-West Hit Cnt

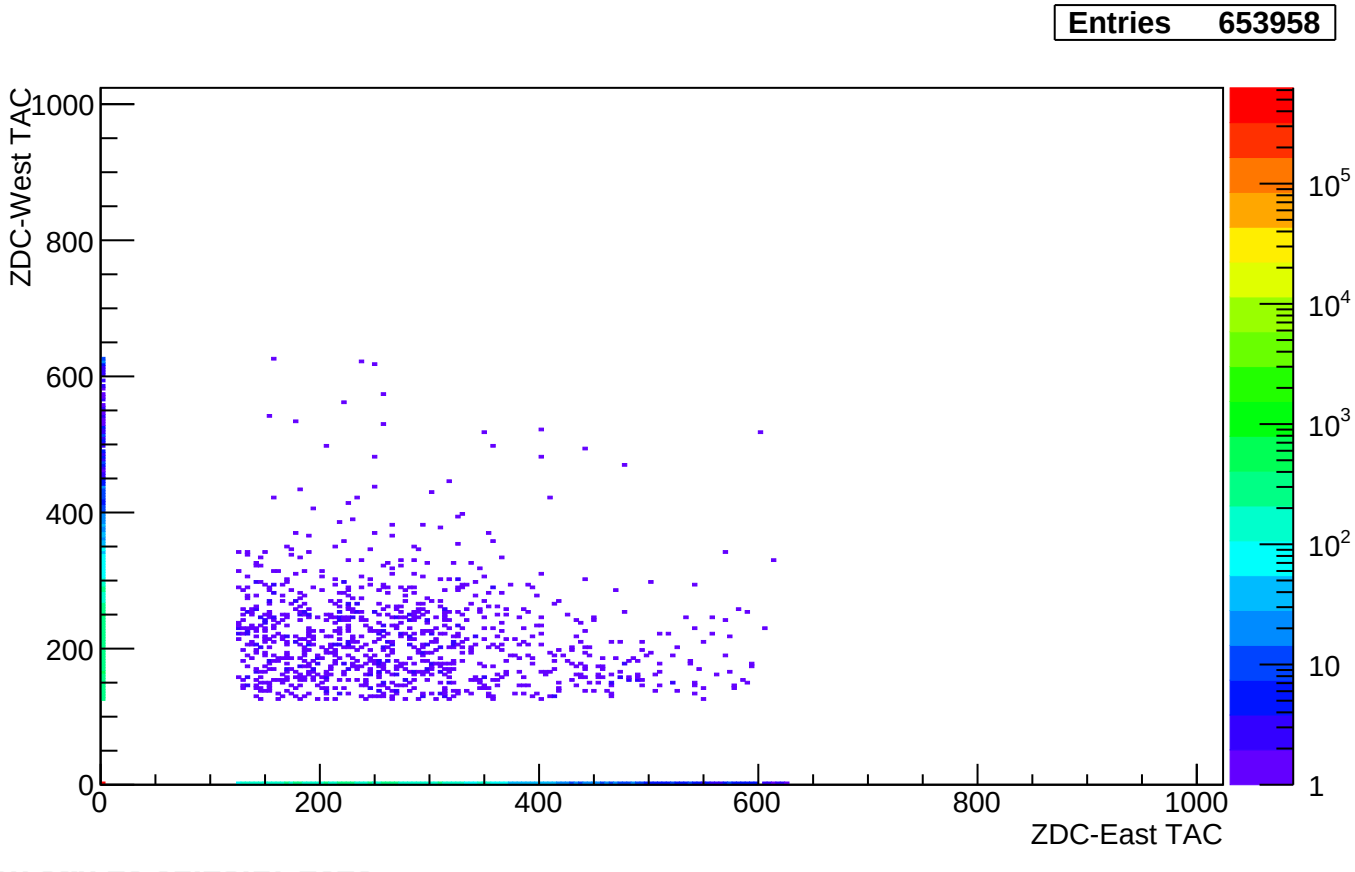

Entries 653958
TOF_Mult
VPD-East ADC Sum

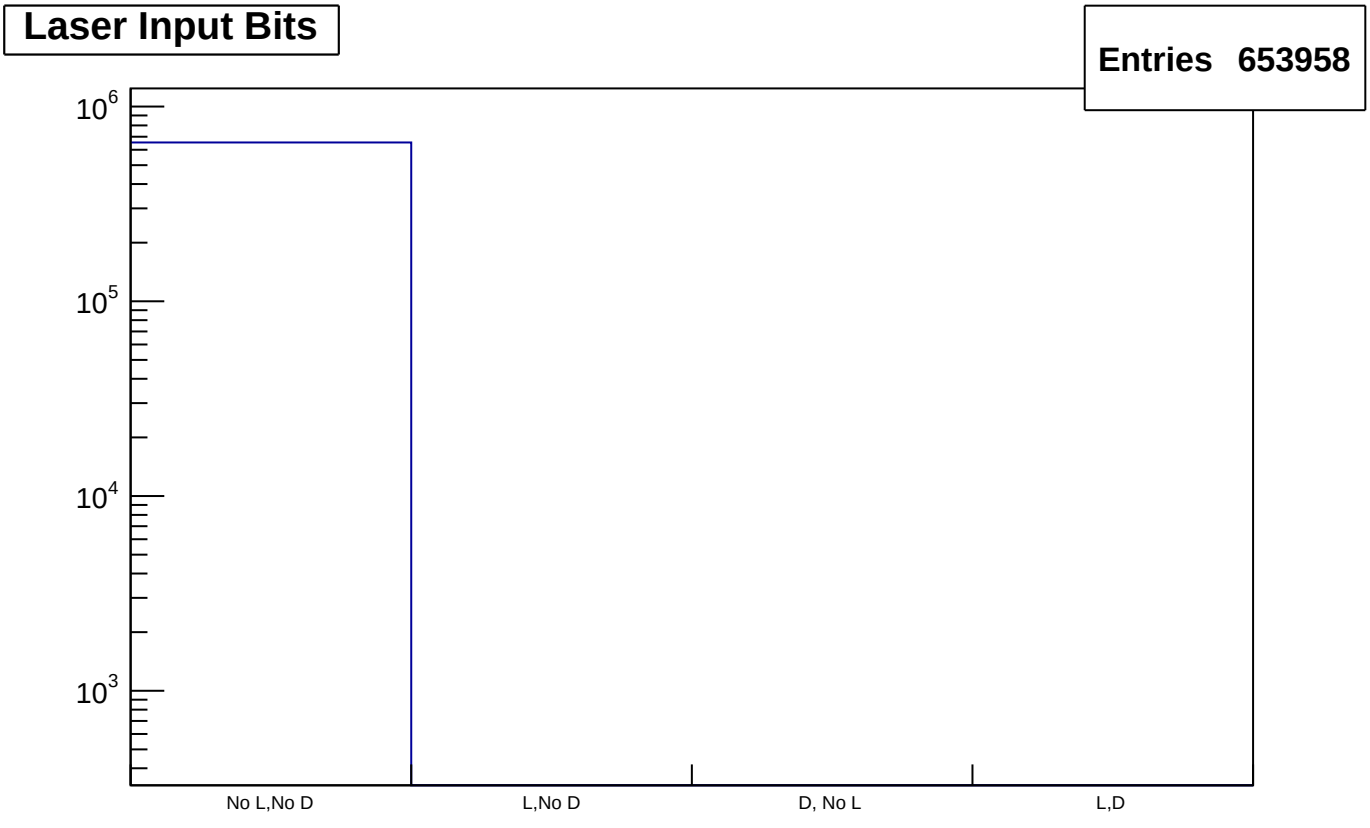

Entries 653958
TOF_Mult
VPD-West ADC Sum

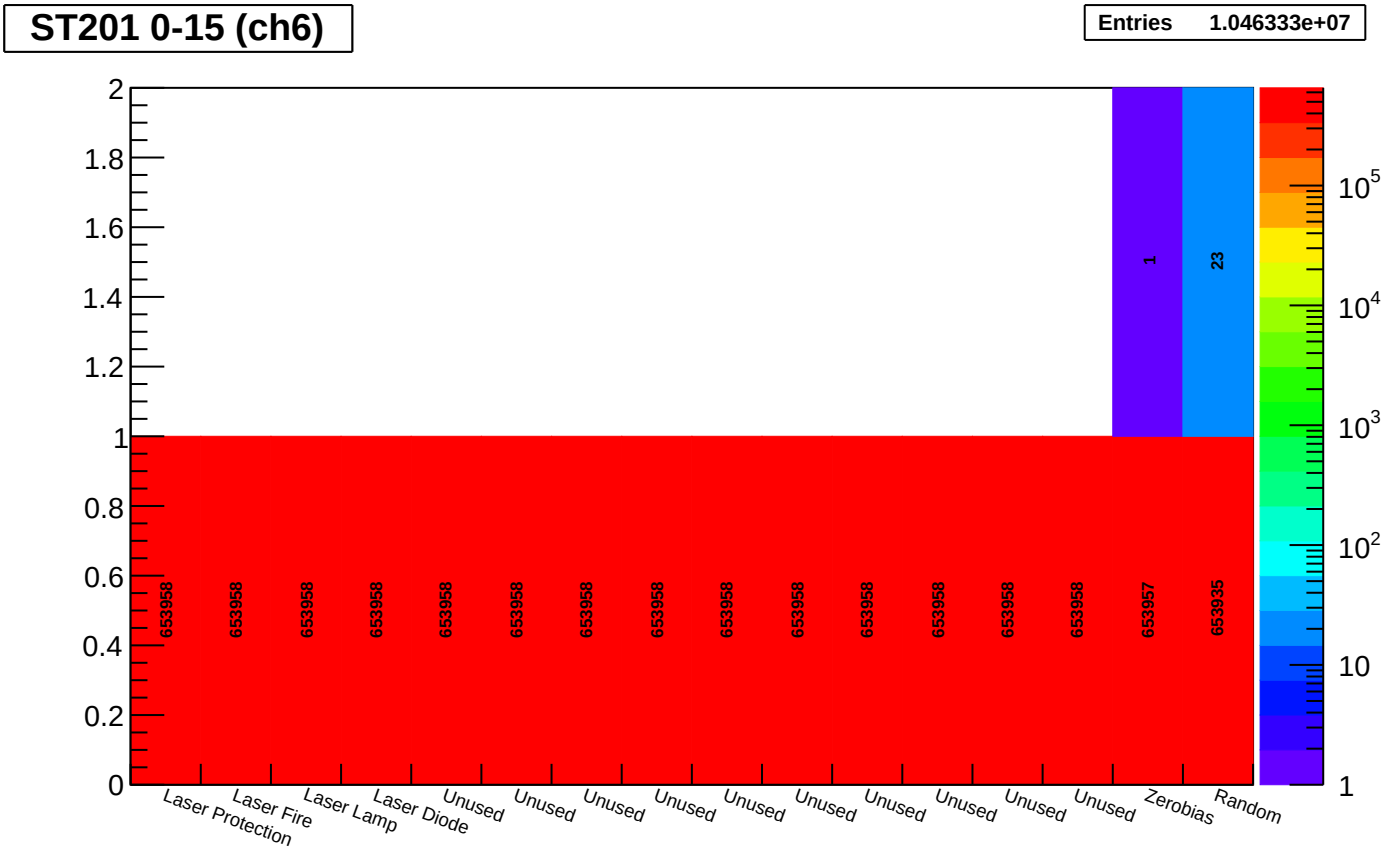

Entries 653958
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

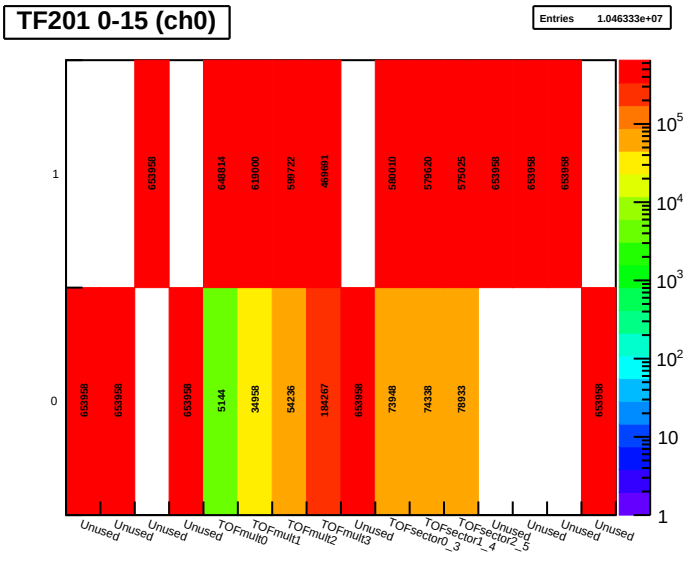

Entries 653958
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

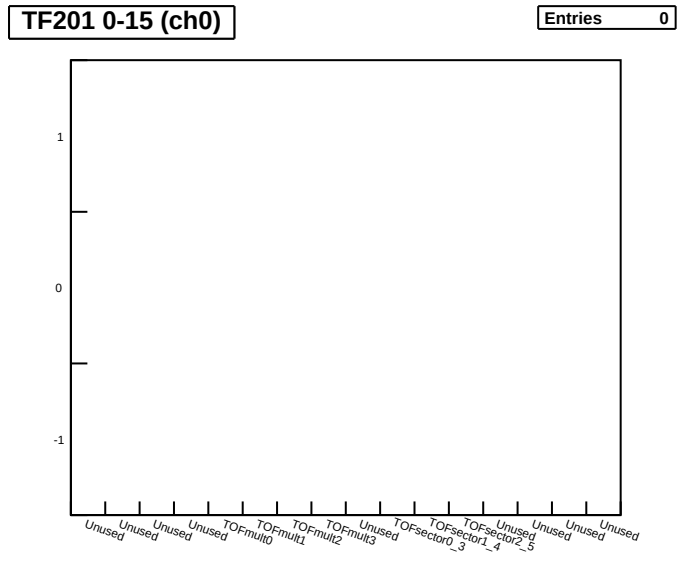

Entries 653958
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

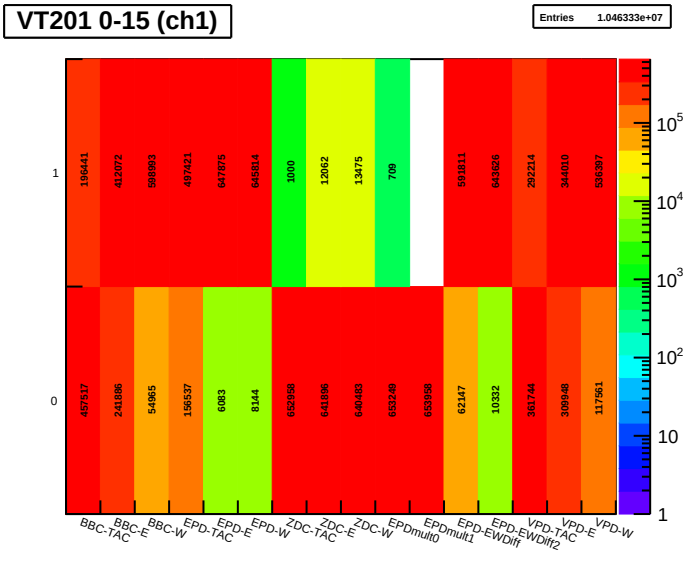

Entries 653958
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

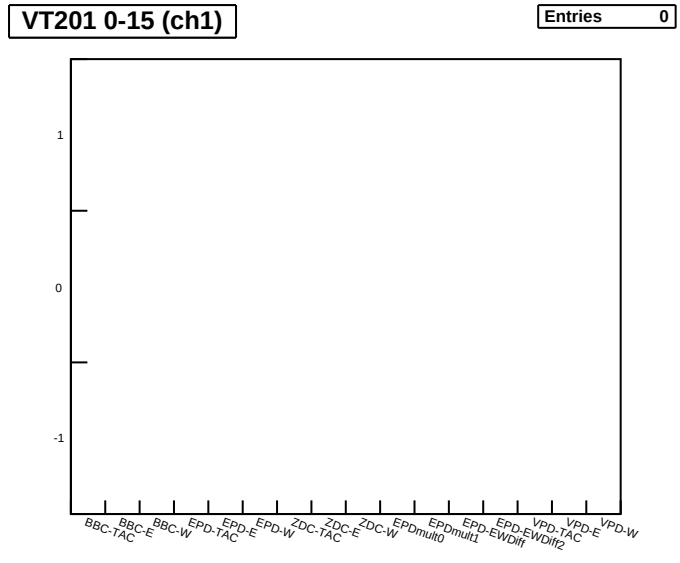

Laser Input Bits
Entries 653958
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

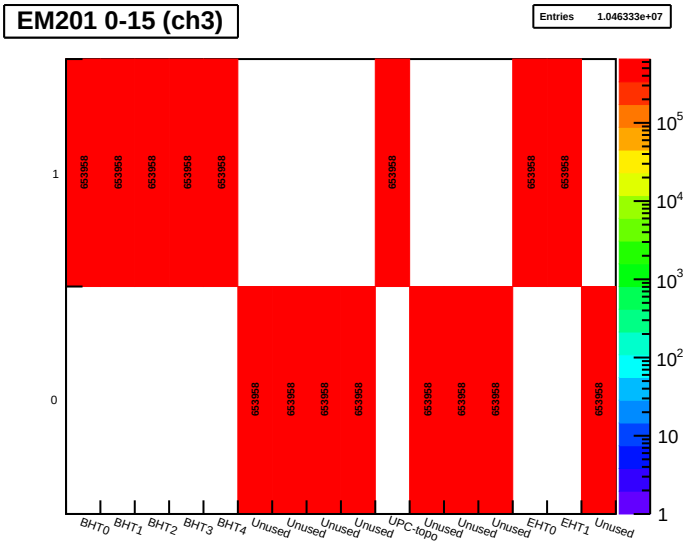

ST201 0-15 (ch6)
Entries 1.046333e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
653958
653958
653958
653958
653958
653958
653958
653958
653958
653958
653958
653958
653958
653958
653957
653935
1
23
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

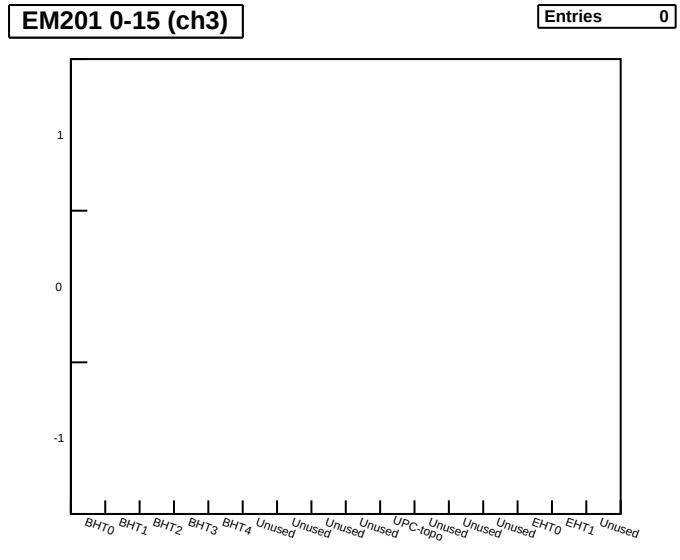

TF201 0-15 (ch0)
Entries 1.046333e+07
1
0
653958 653958 653958 646814 619000 598722 469691 580010 579620 575025 653958 653958 653958
653958 653958 653958 5144 34958 54236 184267 653958 73948 74338 78933 653958
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 1.046333e+07
1
0
196441 412072 598993 497421 647875 645814 1000 12062 13475 709 593811 643626 292214 344010 536397
457517 241886 54965 156537 6083 8144 652958 641896 640483 653249 653958 621447 10332 361744 309948 117561
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 1.046333e+07
1
0
653958 653958 653958 653958 653958 653958 653958 653958
653958 653958 653958 653958 653958 653958 653958 653958
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