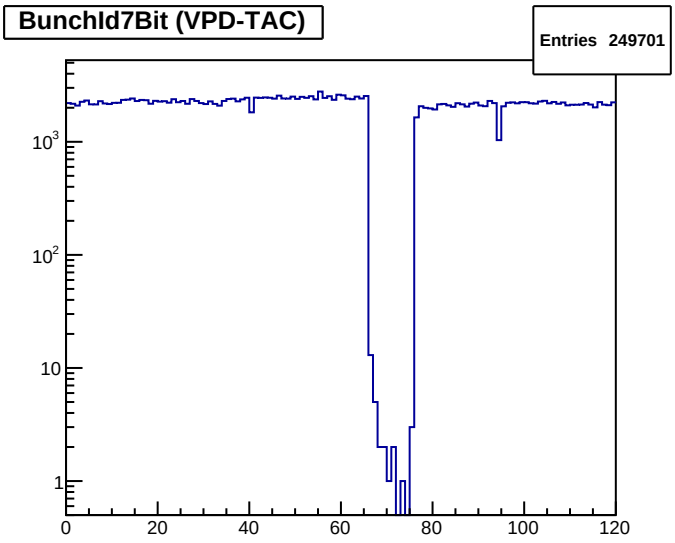
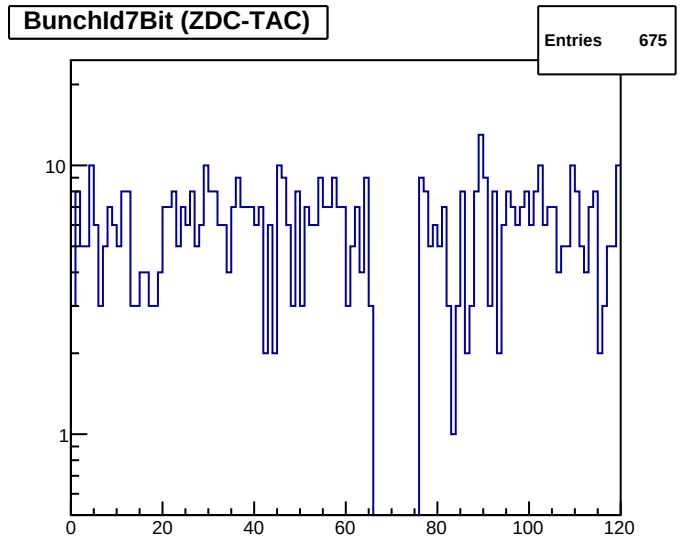
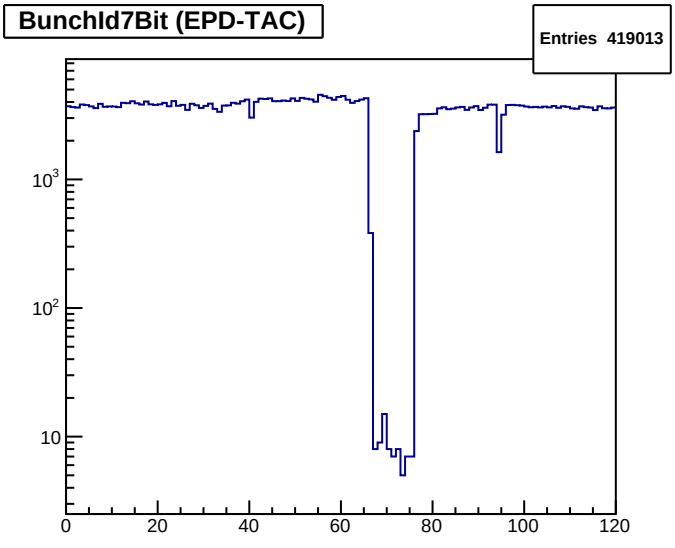
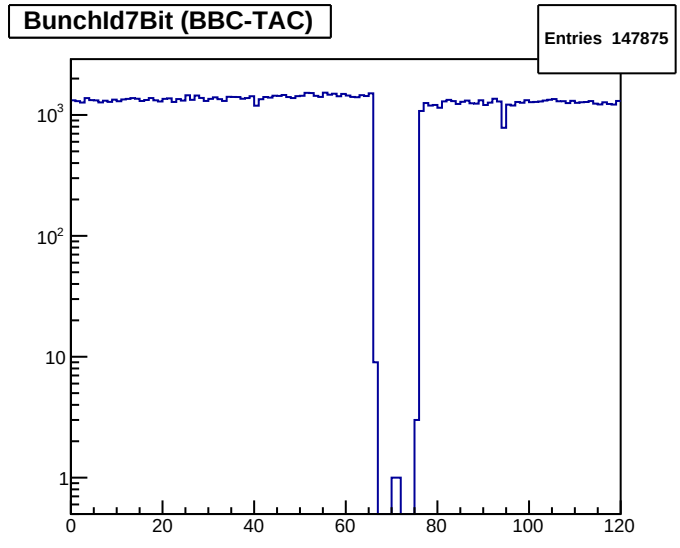
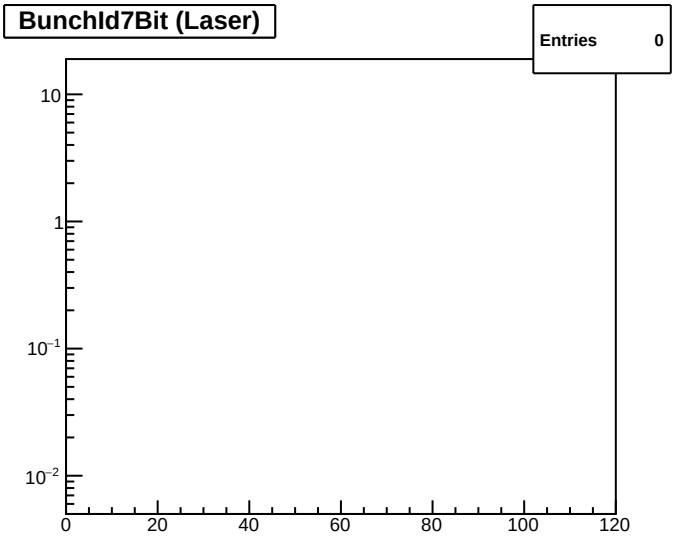
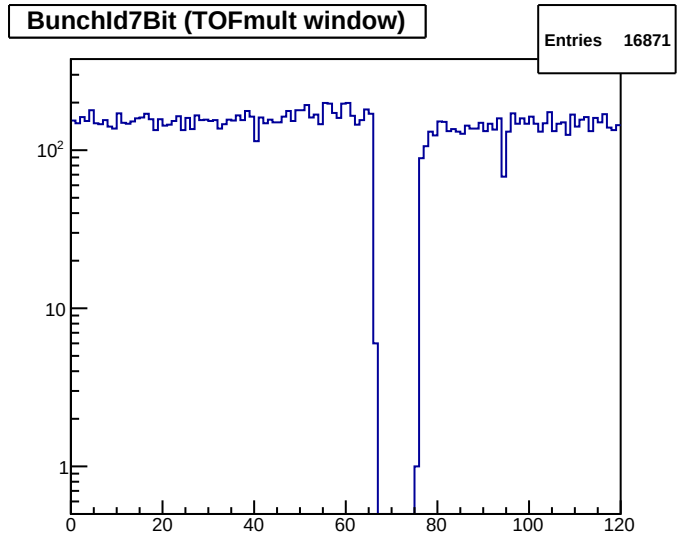

BunchId7Bit (VPD-TAC)
Entries 249701

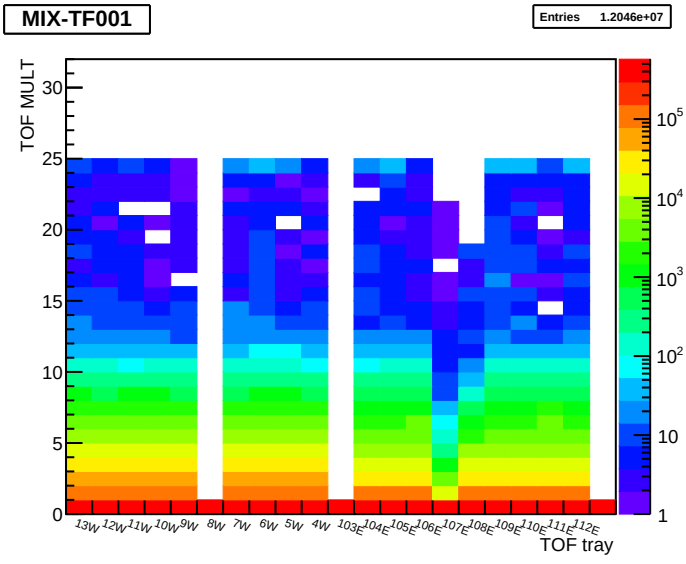

BunchId7Bit (ZDC-TAC)
Entries 675

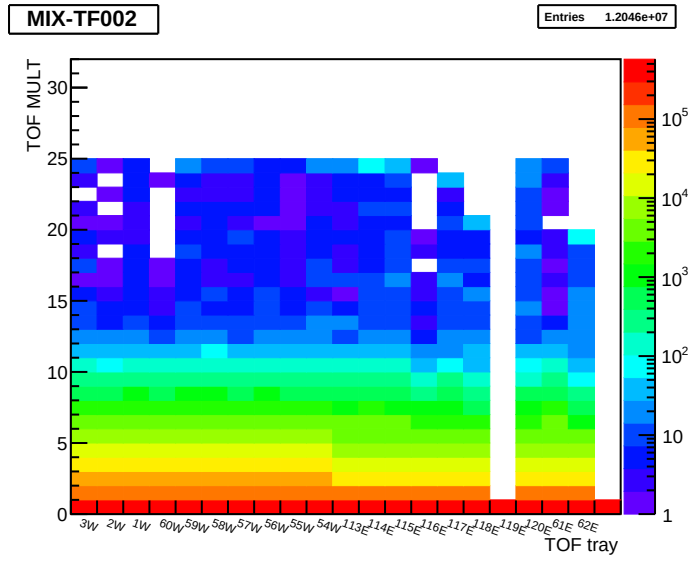

BunchId7Bit (EPD-TAC)
Entries 419013

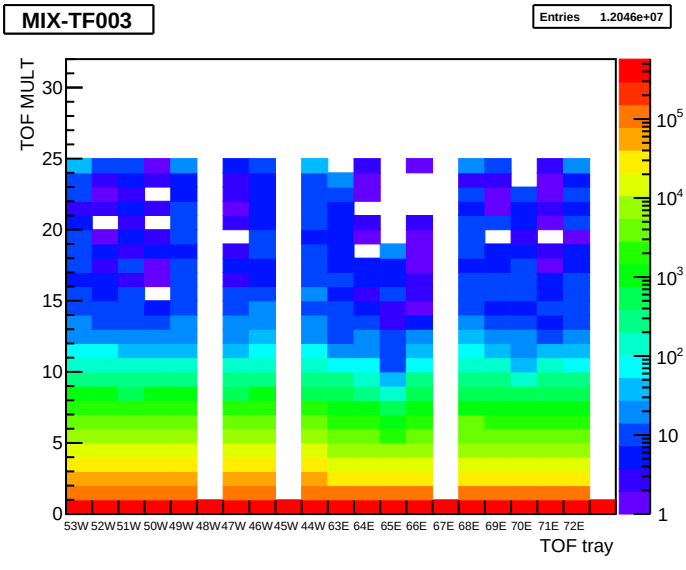

BunchId7Bit (BBC-TAC)
Entries 147875

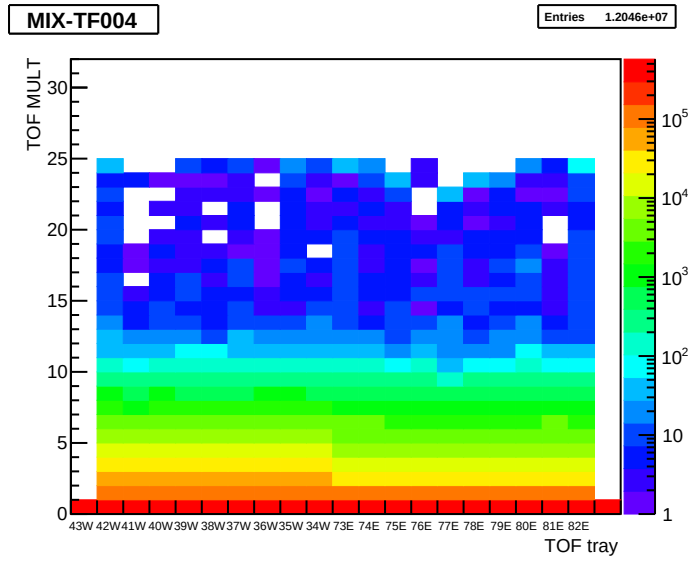

BunchId7Bit (Laser)
Entries 0

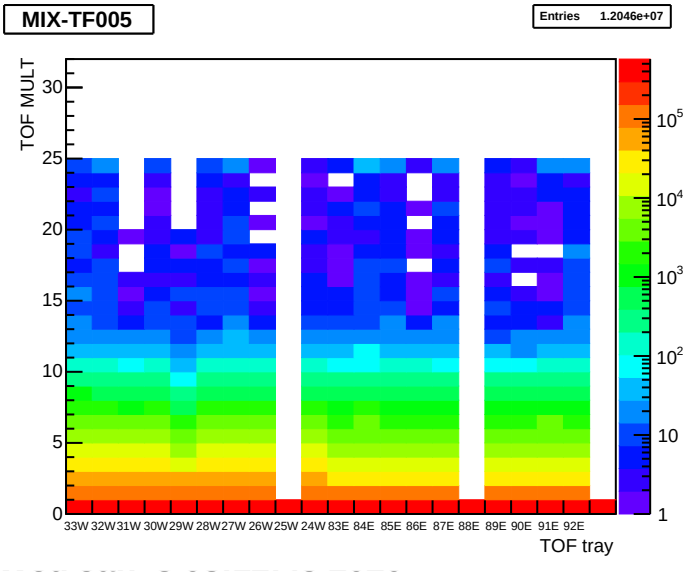

BunchId7Bit (TOFmult window)
Entries 16871

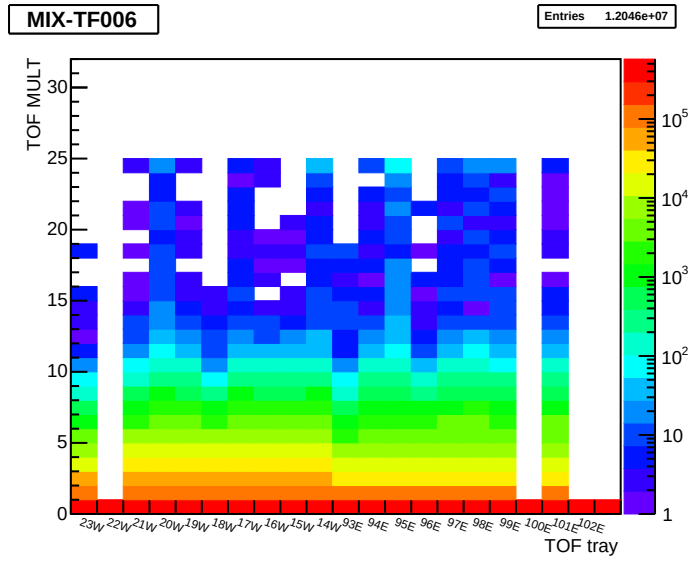

MIX-TF001
Entries 1.2046e+07
TOF MULT
TOF tray

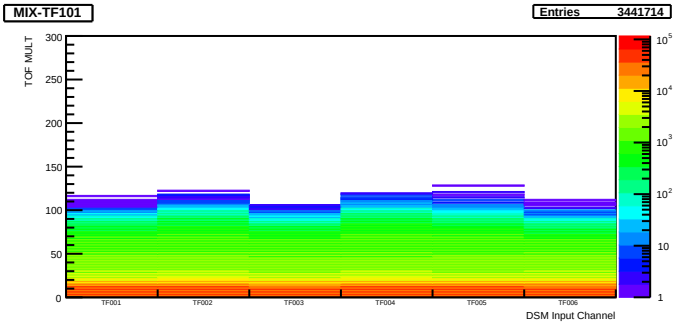

MIX-TF002
Entries 1.2046e+07
TOF MULT
TOF tray

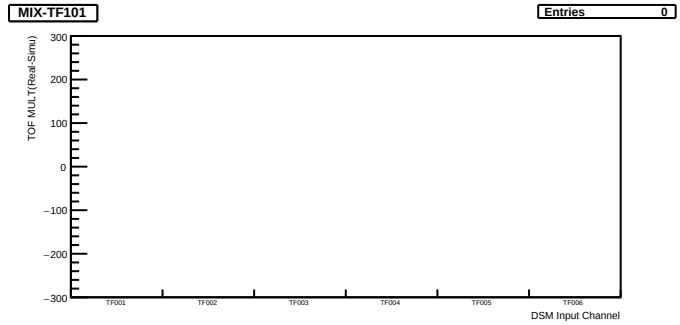

MIX-TF003
Entries 1.2046e+07
TOF MULT
TOF tray

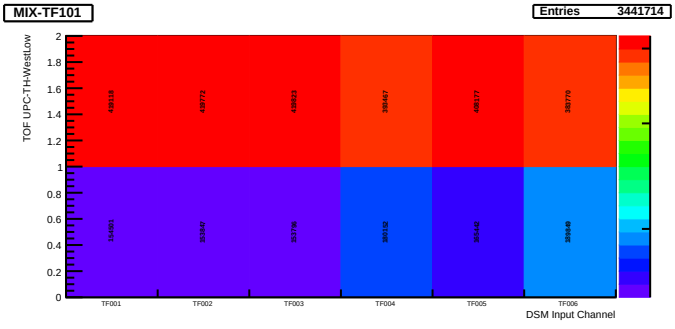

MIX-TF004
Entries 1.2046e+07
TOF MULT
TOF tray

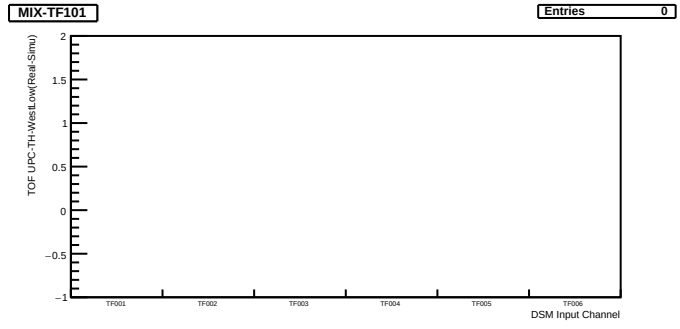

MIX-TF005
Entries 1.2046e+07
TOF MULT
TOF tray

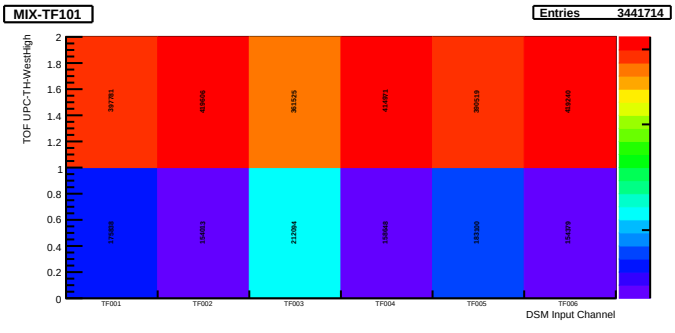

MIX-TF006
Entries 1.2046e+07
TOF MULT
TOF tray

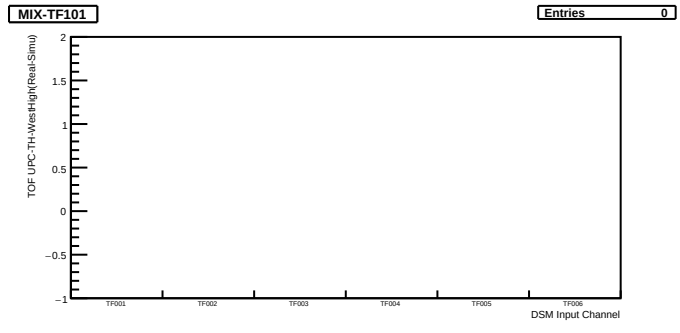

MIX-TF101
Entries 3441714
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

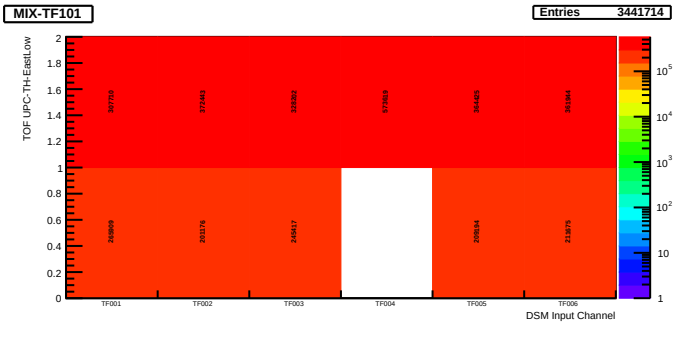

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

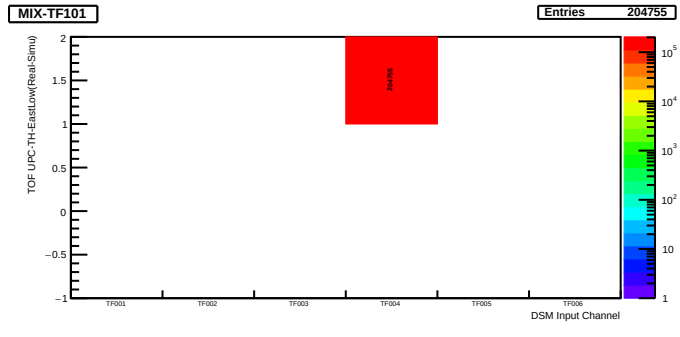

MIX-TF101
Entries 3441714
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

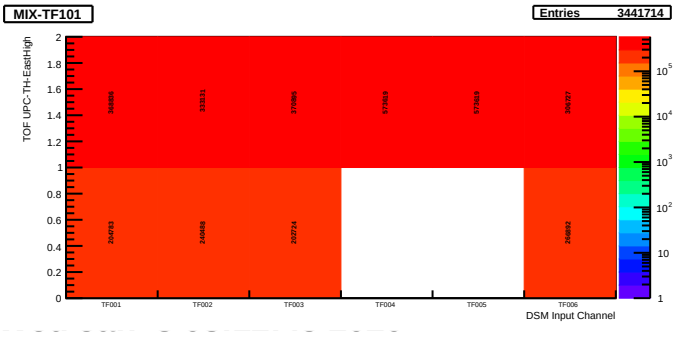

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

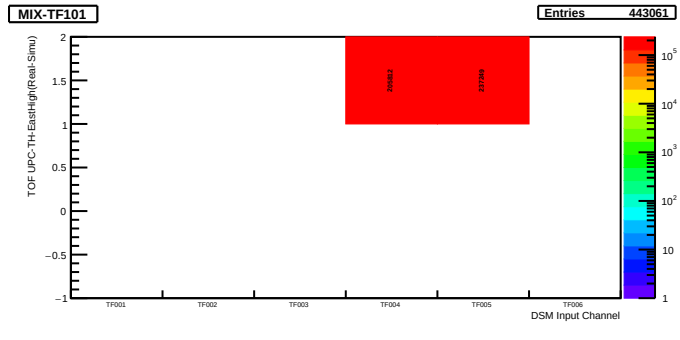

MIX-TF101
Entries 3441714
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

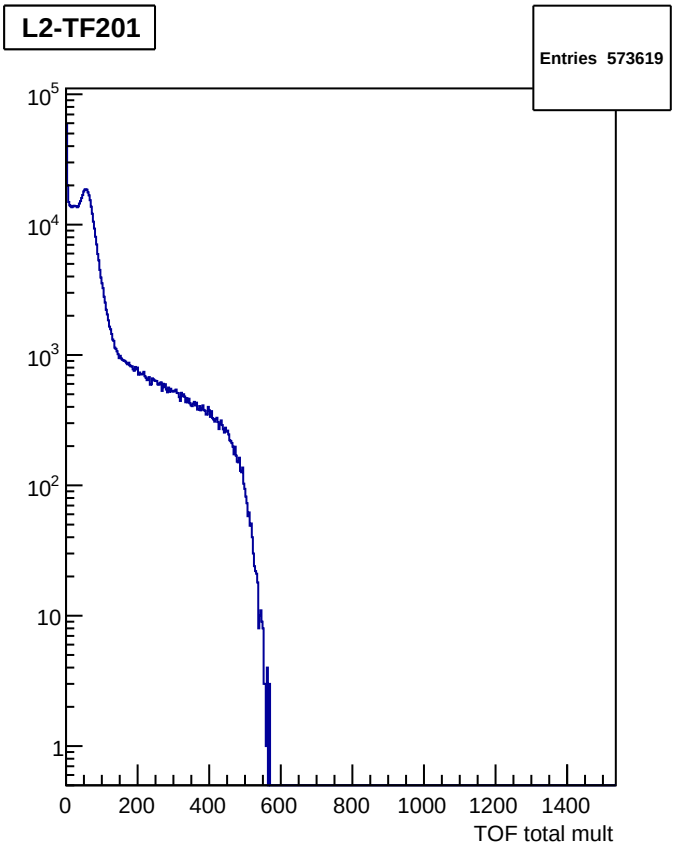

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

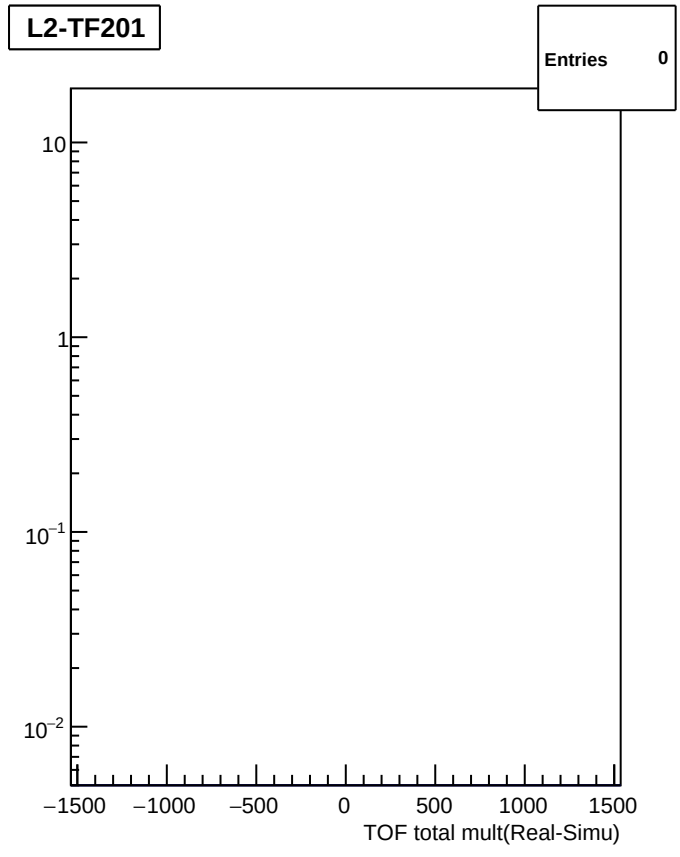

MIX-TF101
Entries 3441714
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

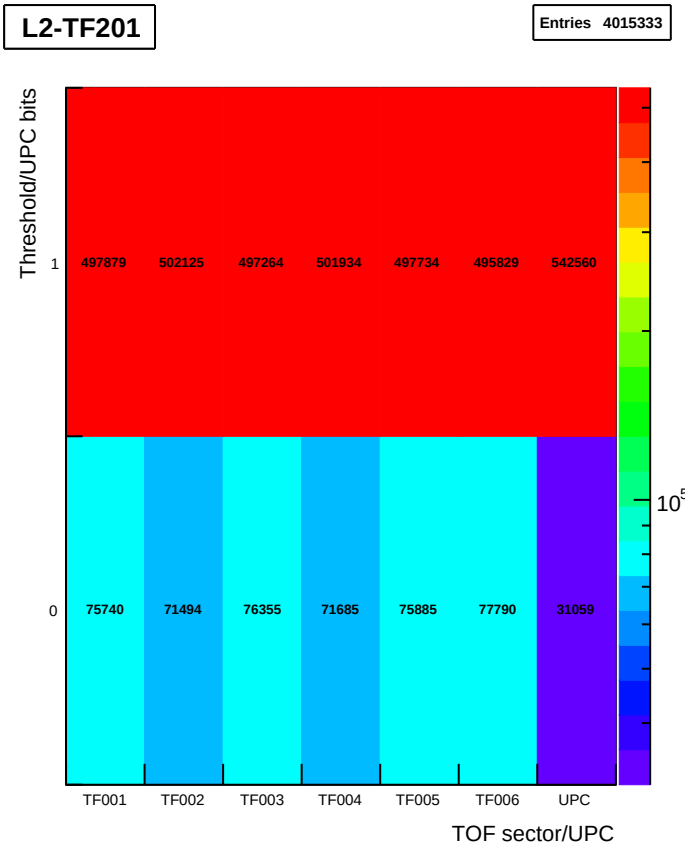

MIX-TF101
Entries 204755
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

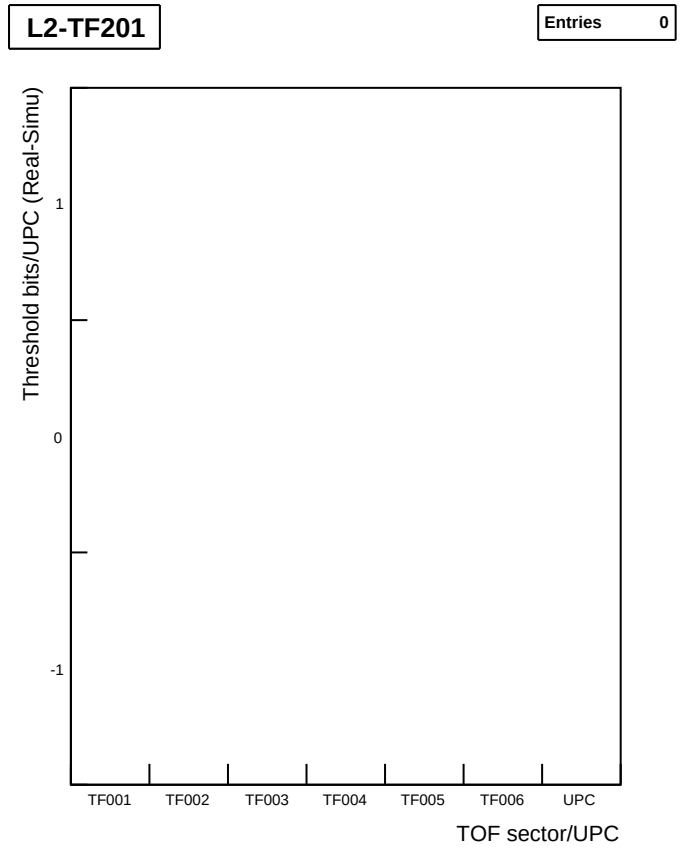

MIX-TF101
Entries 3441714
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

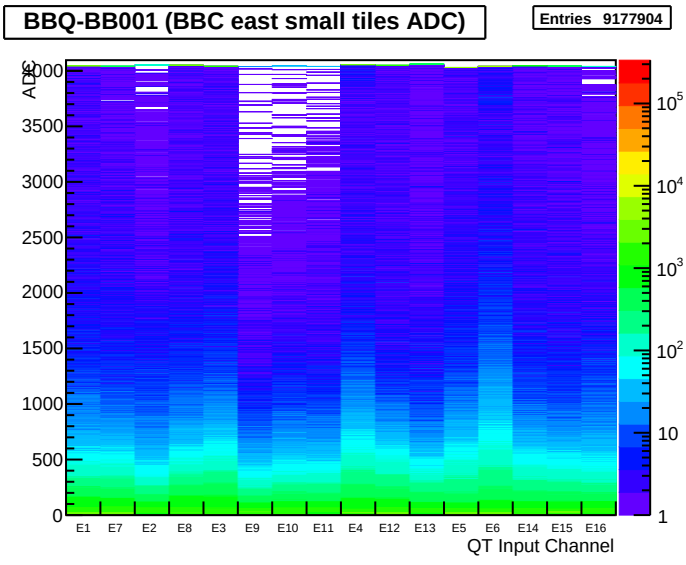

MIX-TF101
Entries 443061
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

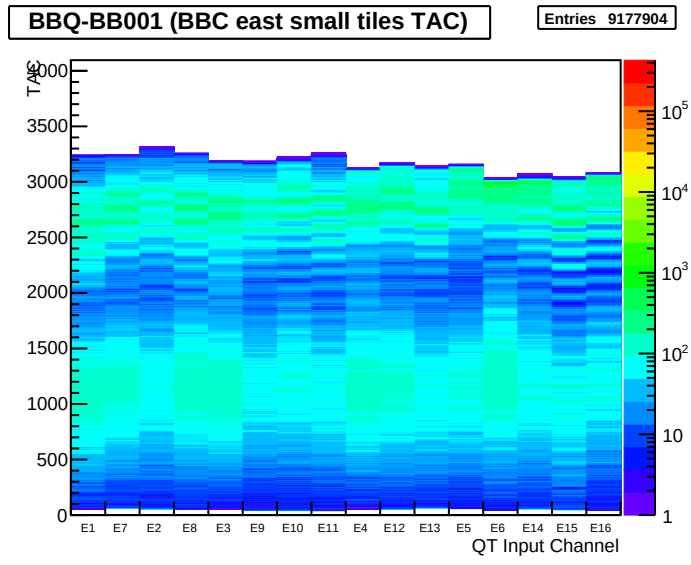

L2-TF201
Entries 573619
TOF total mult

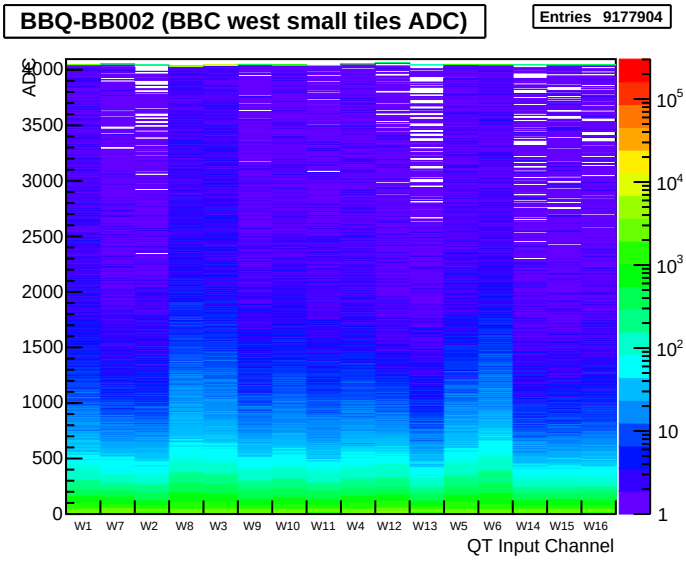

L2-TF201
Entries 0
TOF total mult(Real-Simu)

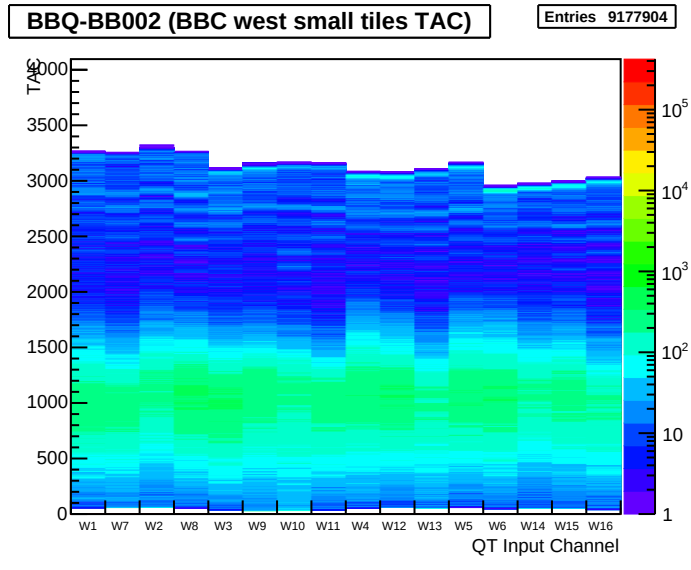

L2-TF201
Entries 4015333
Threshold/UPC bits
497879
502125
497264
501934
497734
495829
542560
75740
71494
76355
71685
75885
77790
31059
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

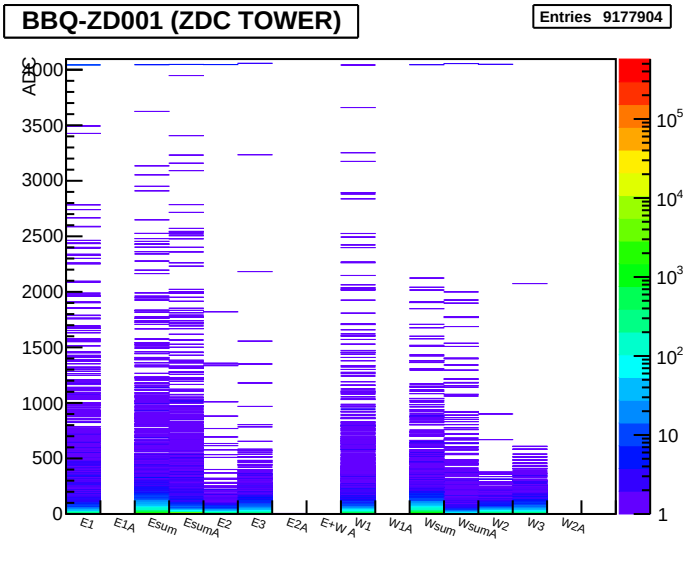

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

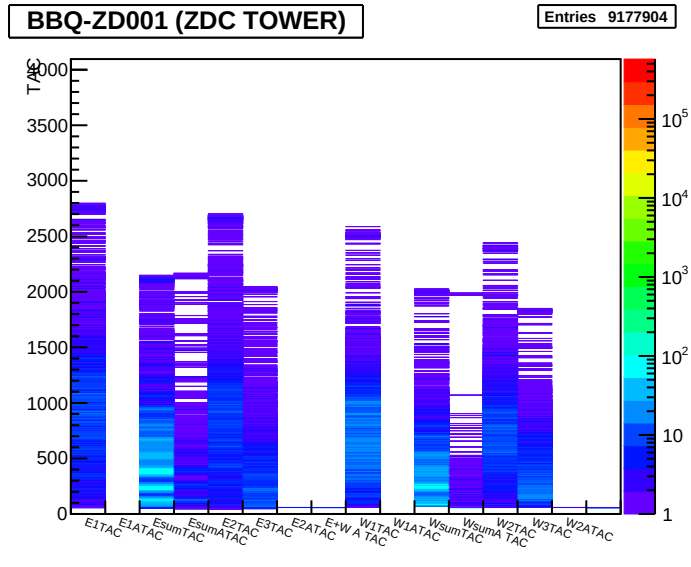

BBQ-BB001 (BBC east small tiles ADC)
Entries 9177904
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

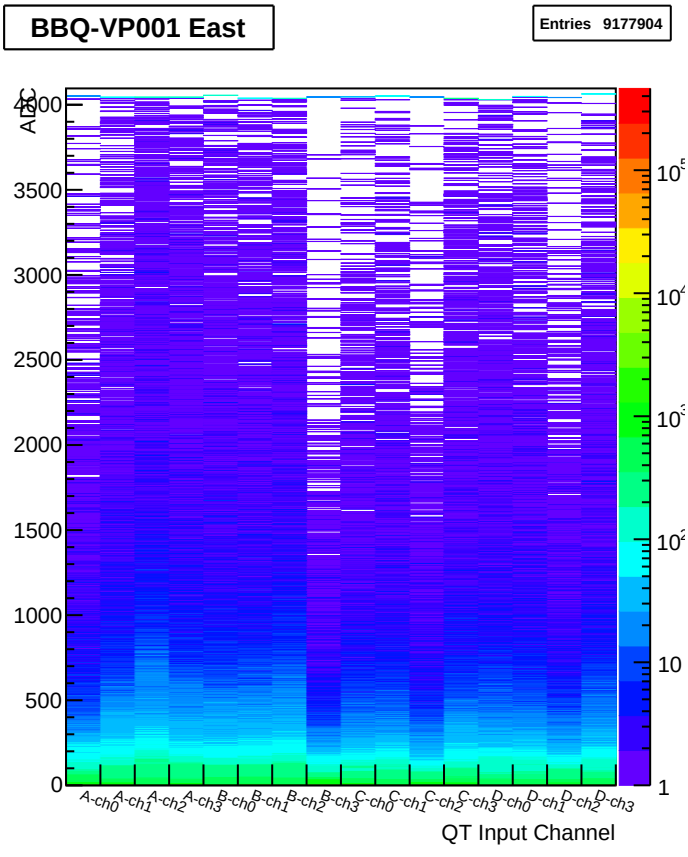

BBQ-BB001 (BBC east small tiles TAC)
Entries 9177904
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

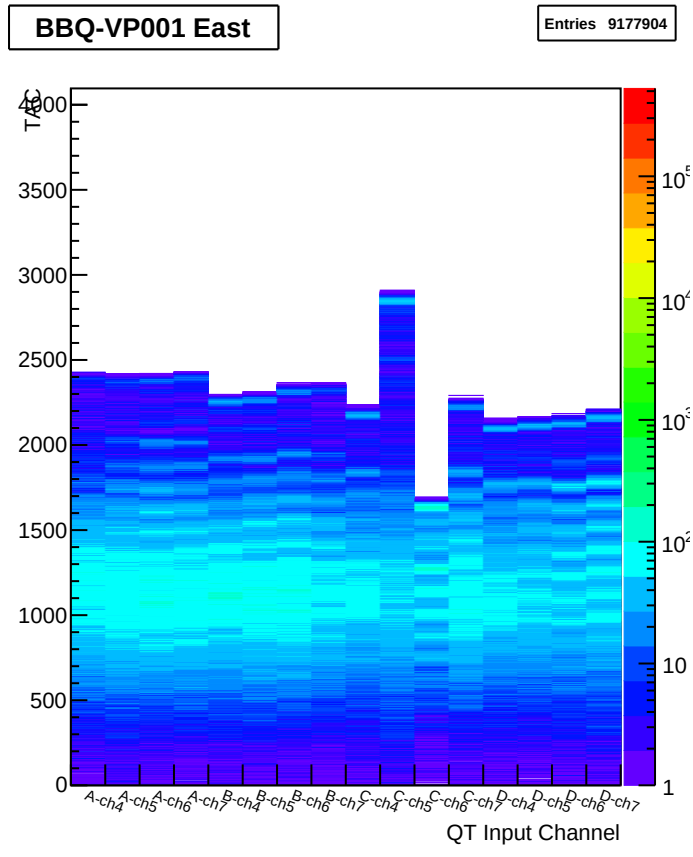

BBQ-BB002 (BBC west small tiles ADC)
Entries 9177904
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

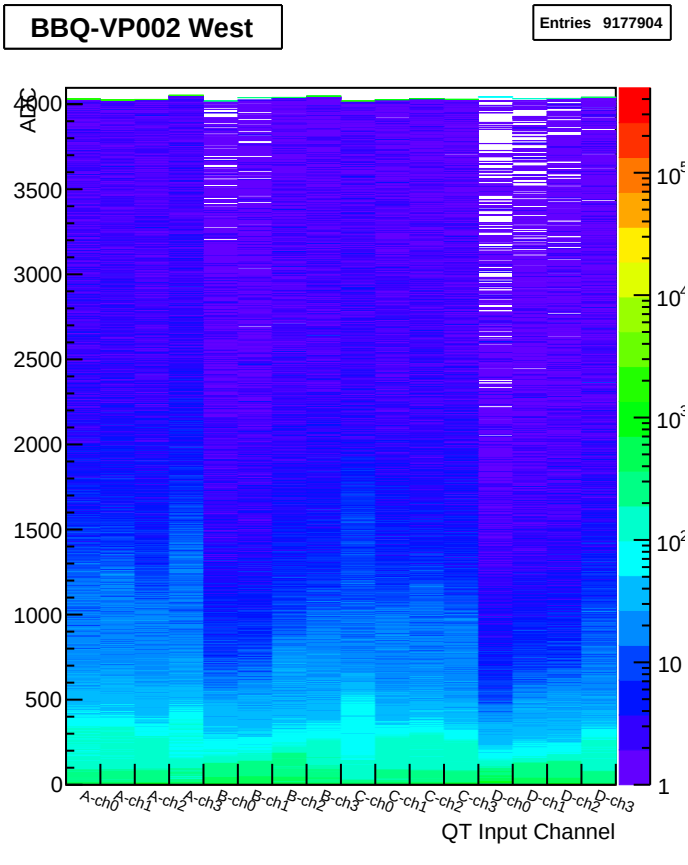

BBQ-BB002 (BBC west small tiles TAC)
Entries 9177904
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

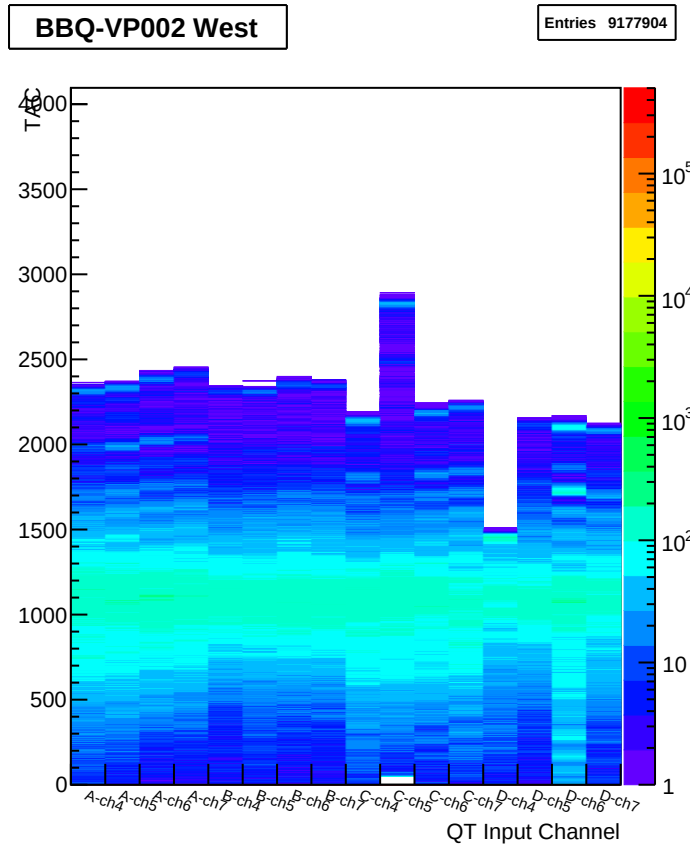

BBQ-ZD001 (ZDC TOWER)
Entries 9177904
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

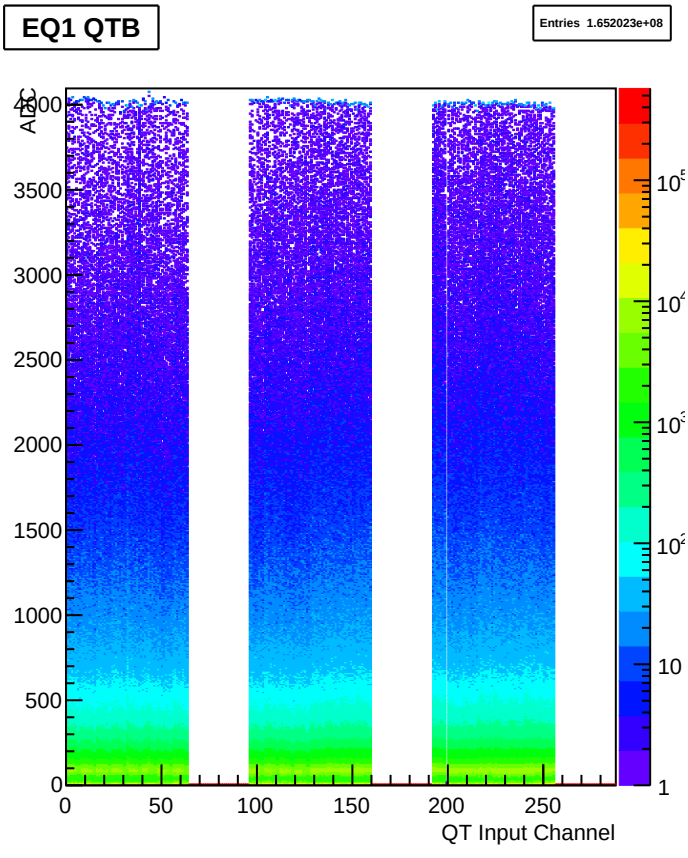

BBQ-ZD001 (ZDC TOWER)
Entries 9177904
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

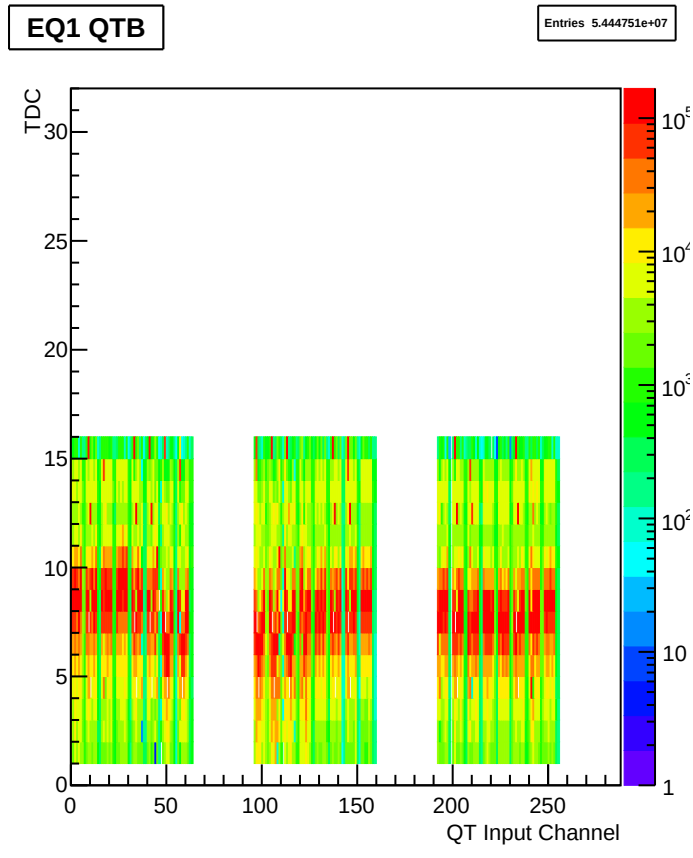

BBQ-VP001 East
Entries 9177904
ADC
QT Input Channel

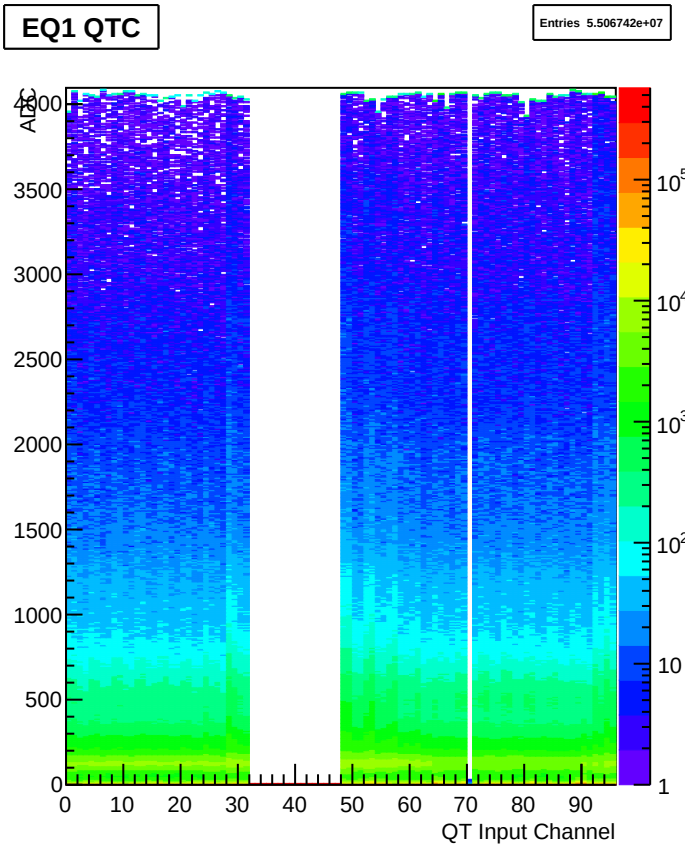

BBQ-VP001 East
Entries 9177904
TADC
QT Input Channel

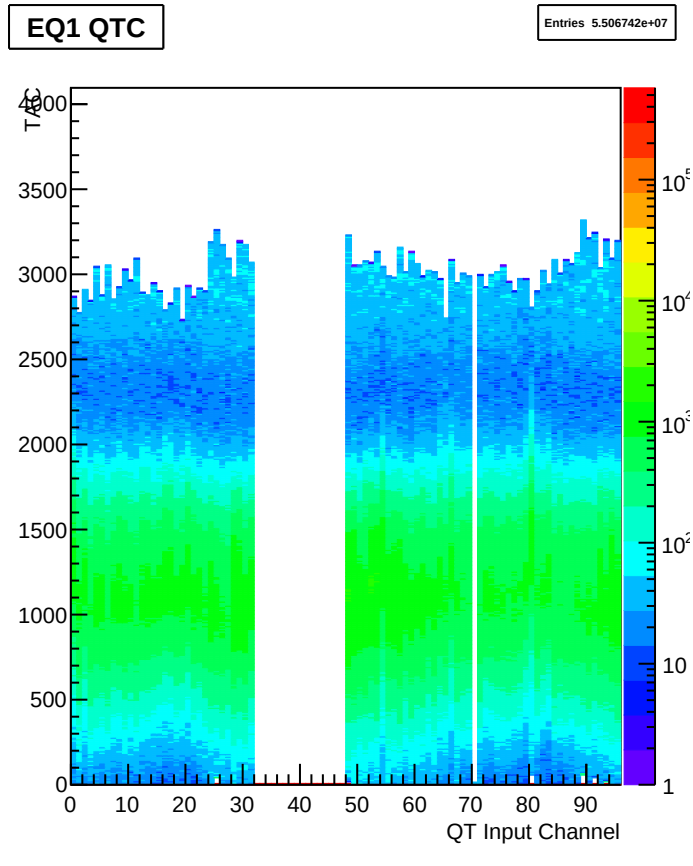

BBQ-VP002 West
Entries 9177904
ADC
QT Input Channel

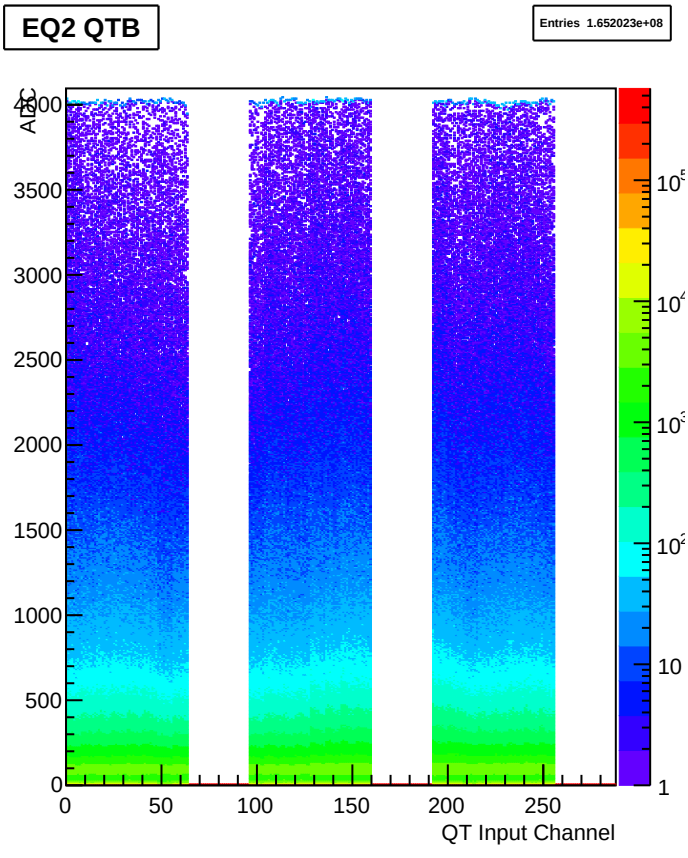

BBQ-VP002 West
Entries 9177904
TADC
QT Input Channel

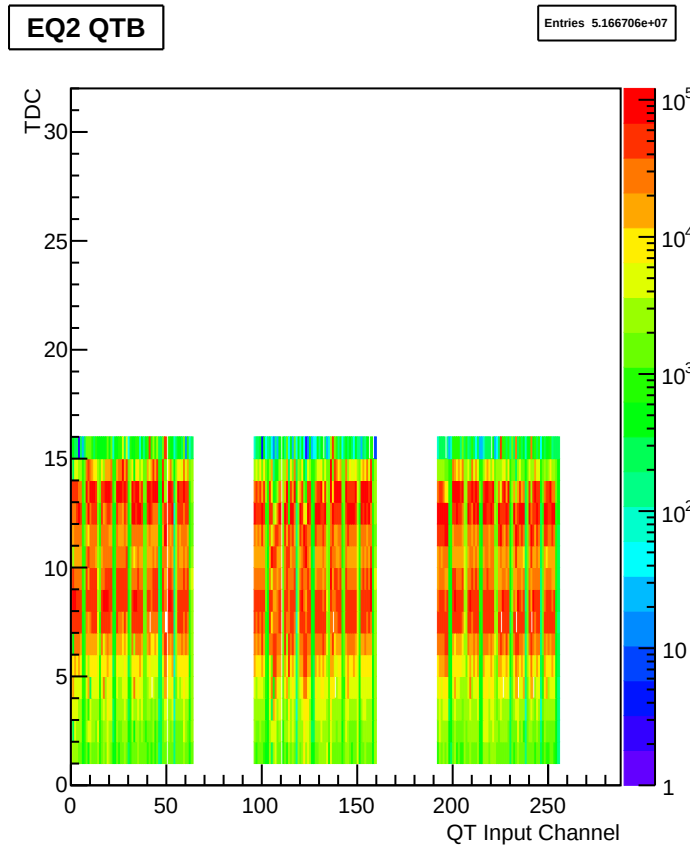

EQ1 QTB
Entries 1.652023e+08
ADC
QT Input Channel

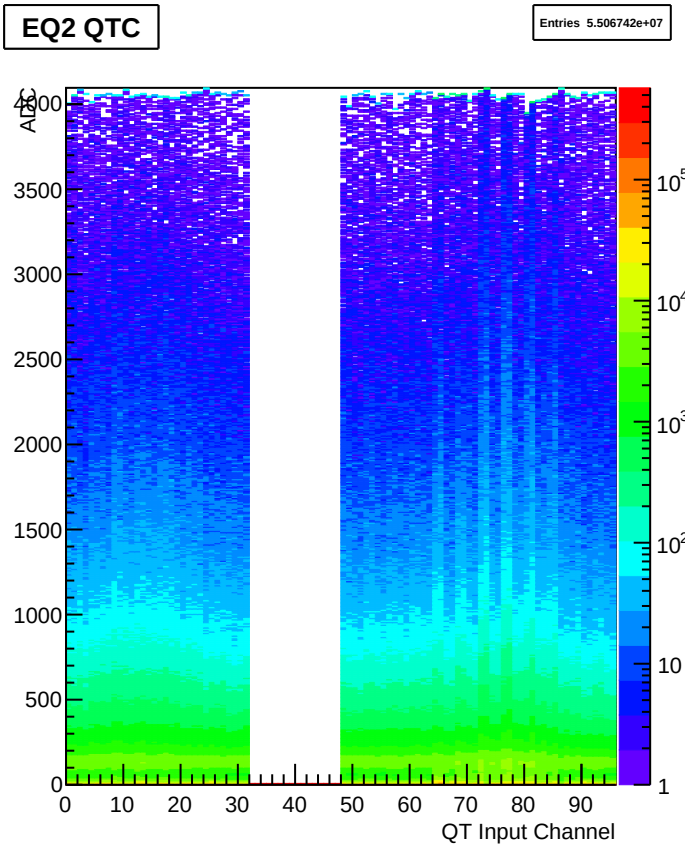

EQ1 QTB
Entries 5.444751e+07
TDC
QT Input Channel

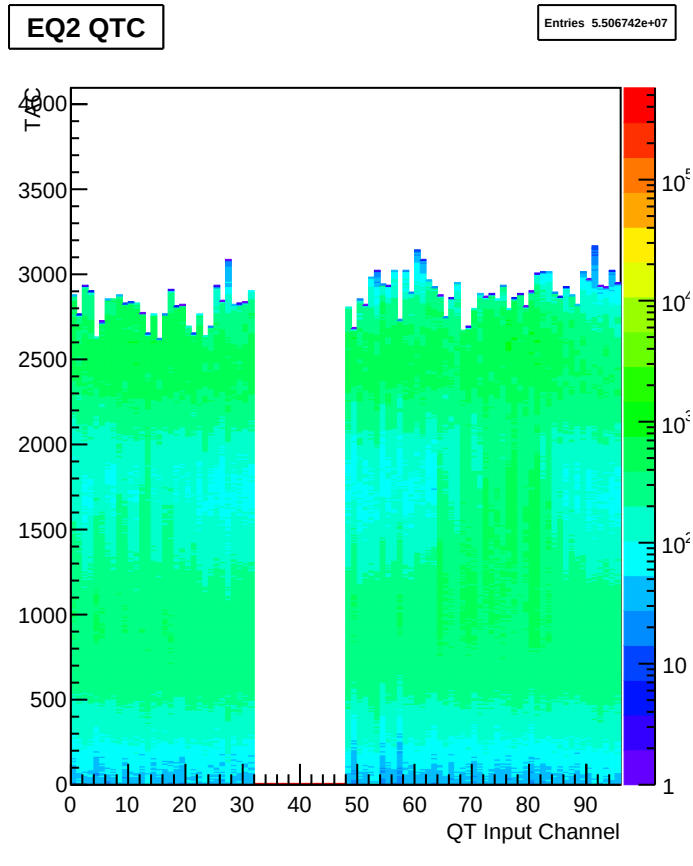

EQ1 QTC
Entries 5.506742e+07
ADC
QT Input Channel

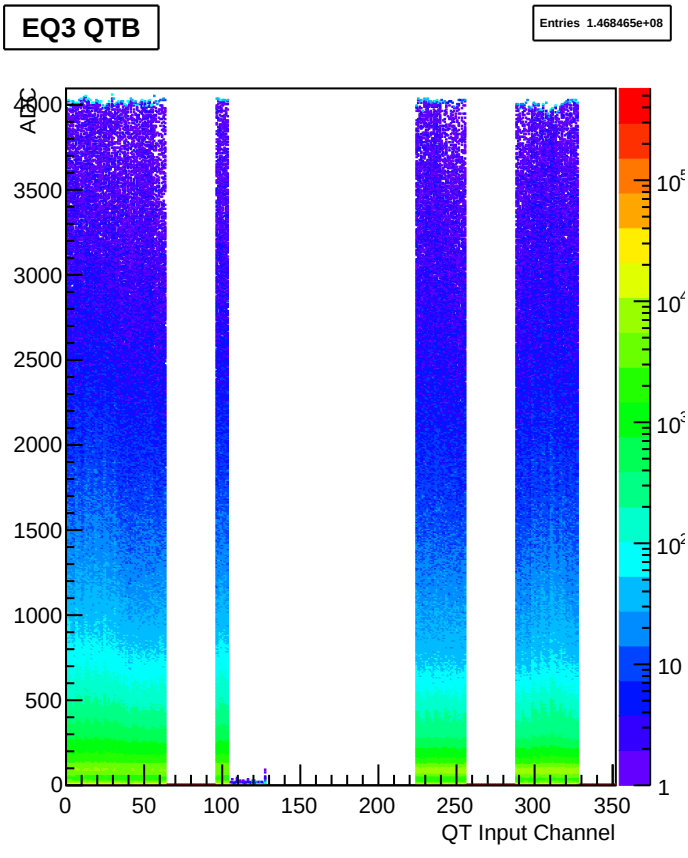

EQ1 QTC
Entries 5.506742e+07
TADC
QT Input Channel

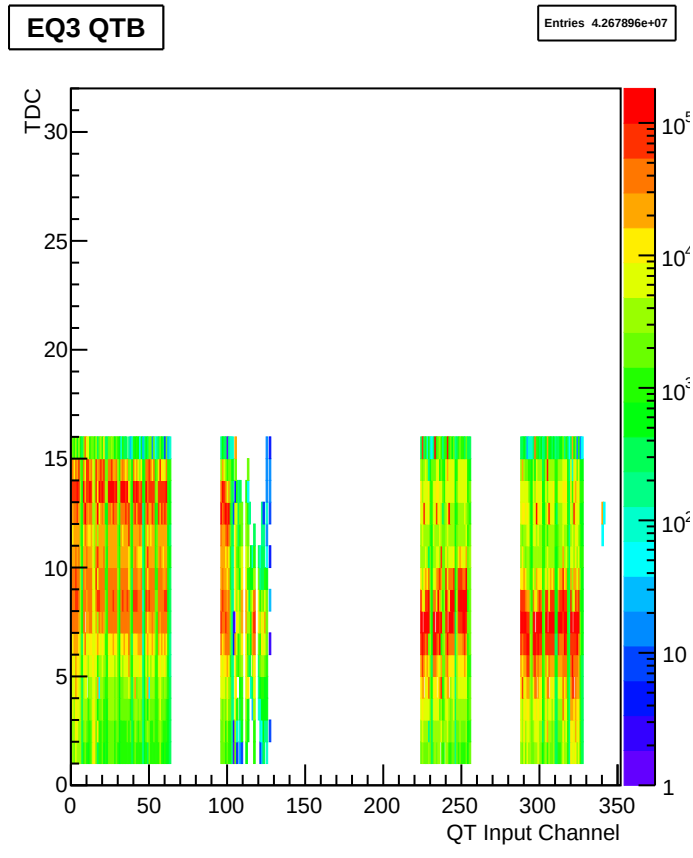

EQ2 QTB
Entries 1.652023e+08
ADC
QT Input Channel

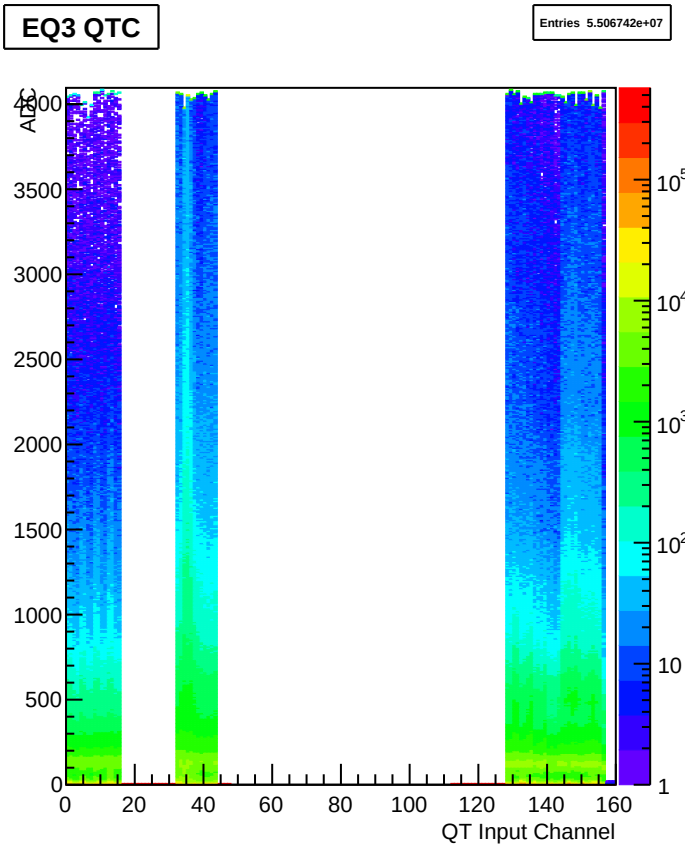

EQ2 QTB
Entries 5.166706e+07
TDC
QT Input Channel

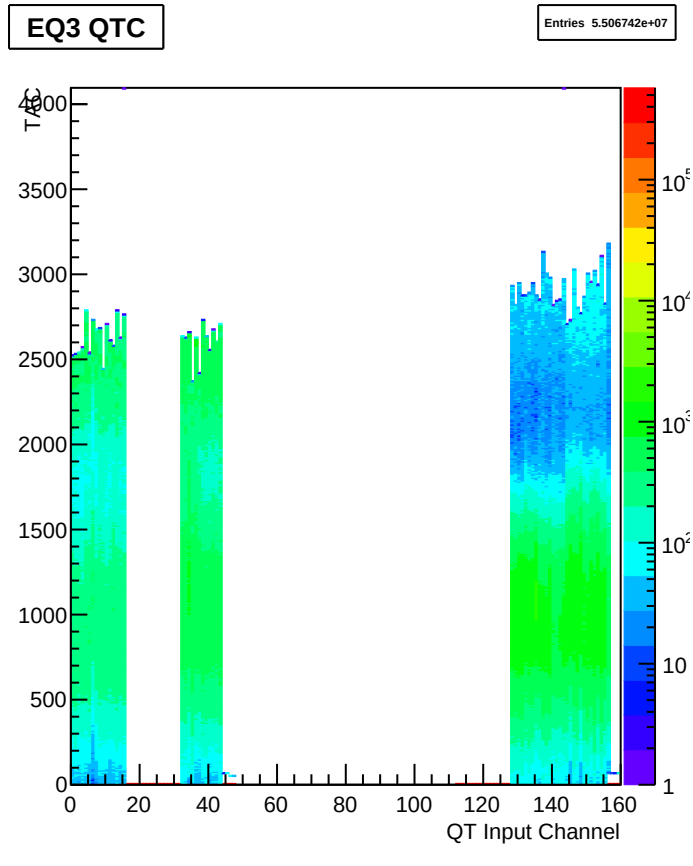

EQ2 QTC
Entries 5.506742e+07
ADC
QT Input Channel

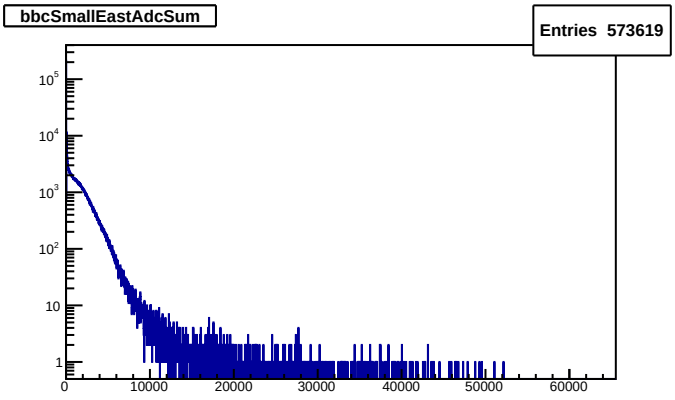

EQ2 QTC
Entries 5.506742e+07
TADC
QT Input Channel

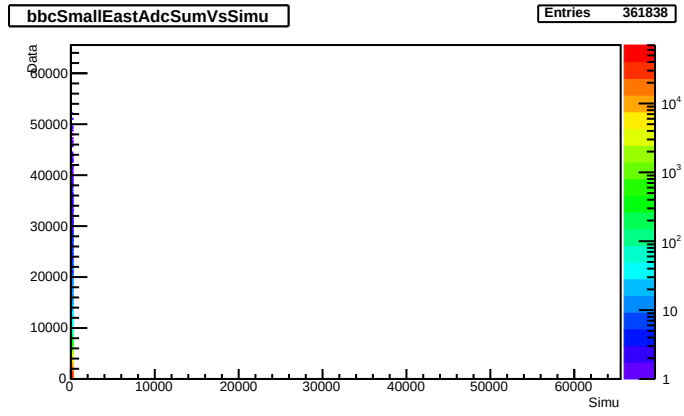

EQ3 QTB
Entries 1.468465e+08
ADC
QT Input Channel

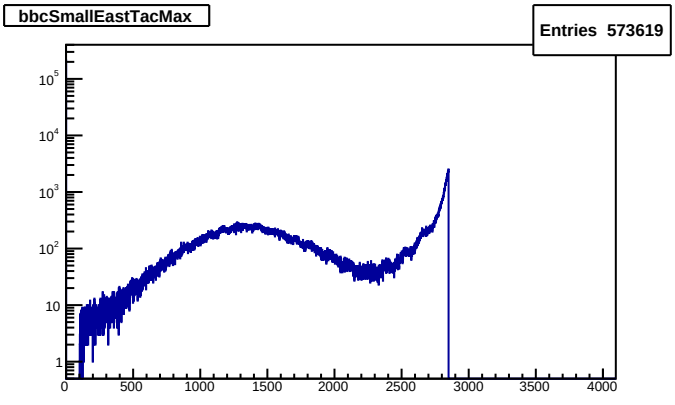

EQ3 QTB
Entries 4.267896e+07
TDC
QT Input Channel

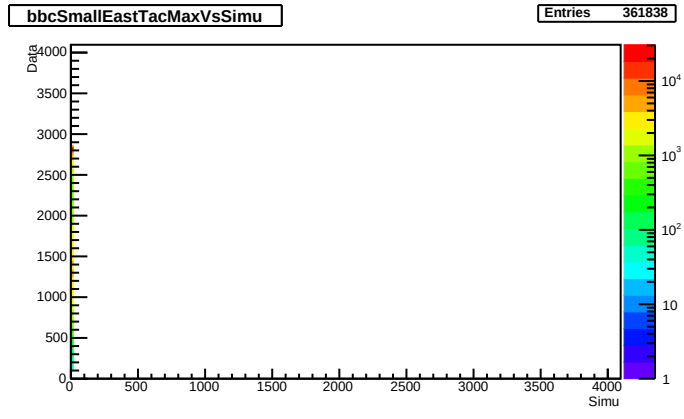

EQ3 QTC
Entries 5.506742e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.506742e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 573619


bbcSmallEastAdcSumVsSimu
Entries 361838
Data
Simu


bbcSmallEastTacMax
Entries 573619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Entries 361838
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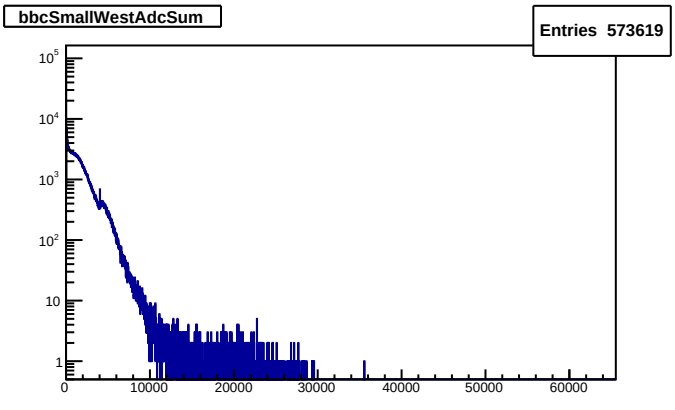
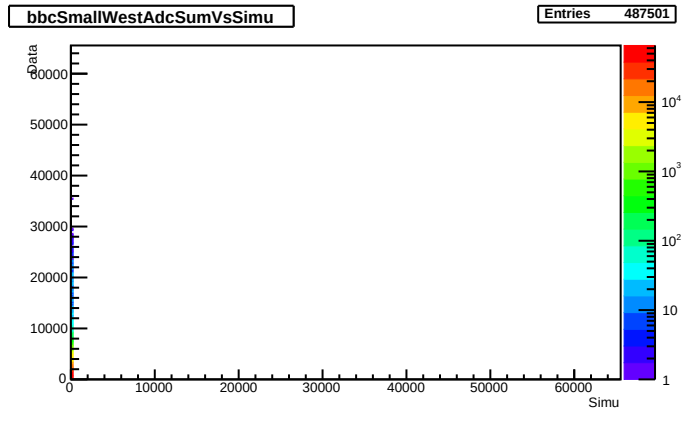

bbcSmallWestAdcSum
Entries 573619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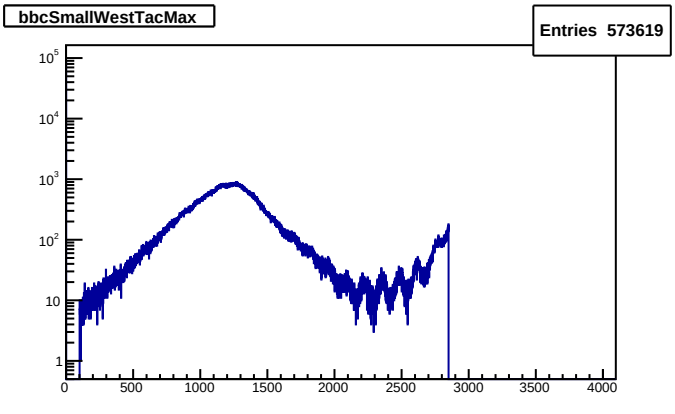
Entries 487501
Data
Simu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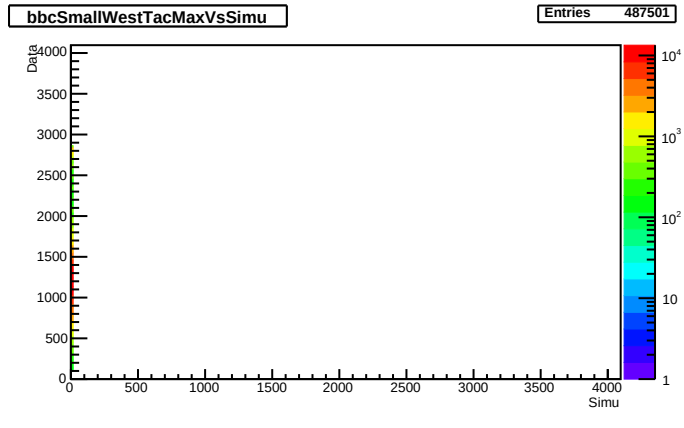
Entries 573619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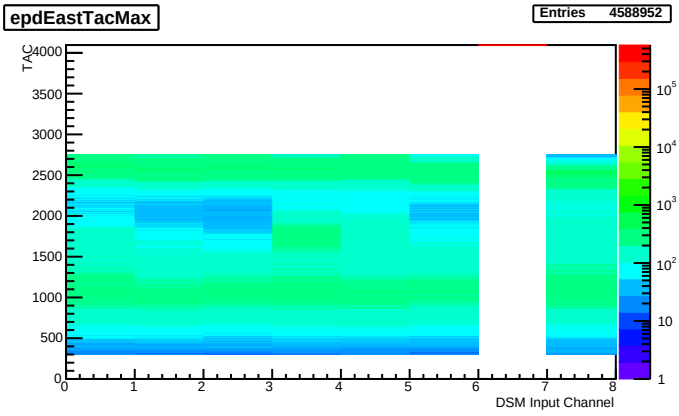
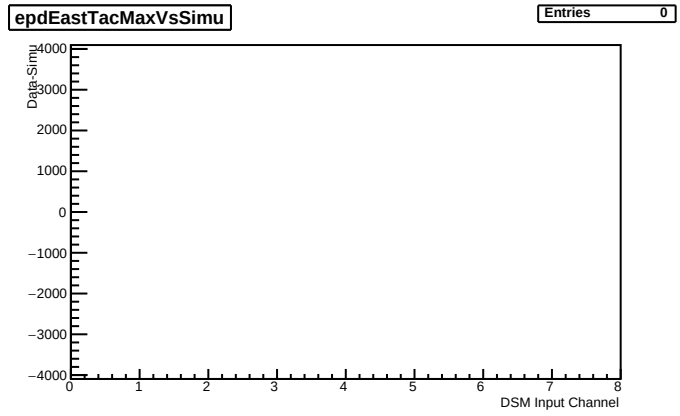
Entries 487501
Data
Simu


epdEastTacMax
Entries 4588952
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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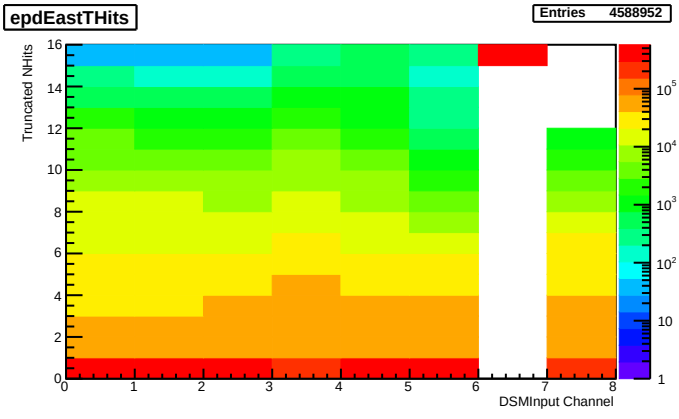
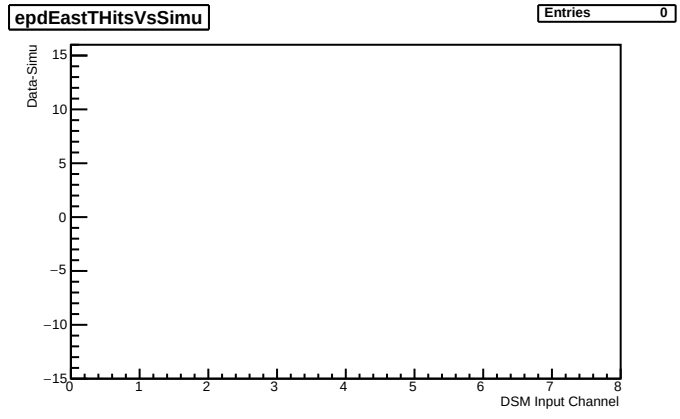

epdEastTHits
Entries 4588952
Truncated NHits
DSMInput Channel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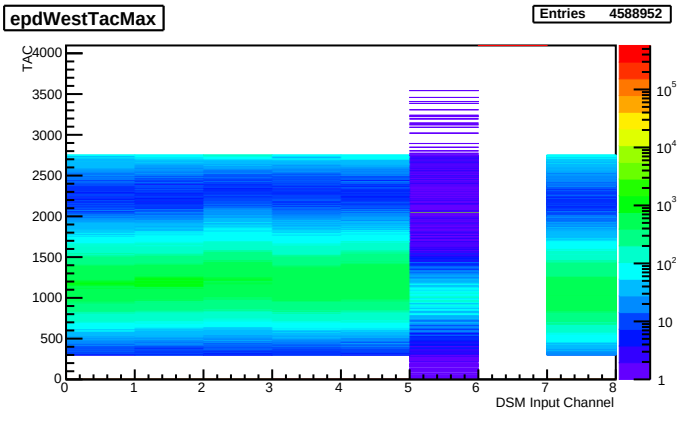
DSM Input Channel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Entries 4588952
TAC
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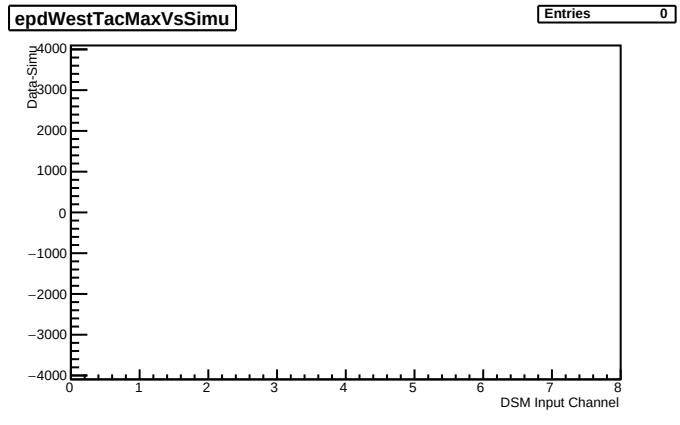
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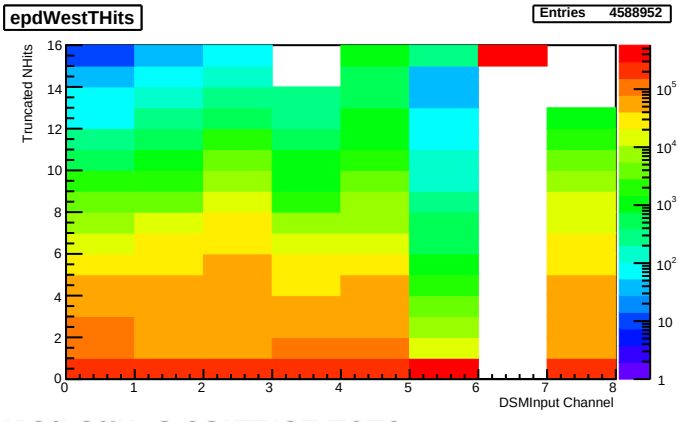
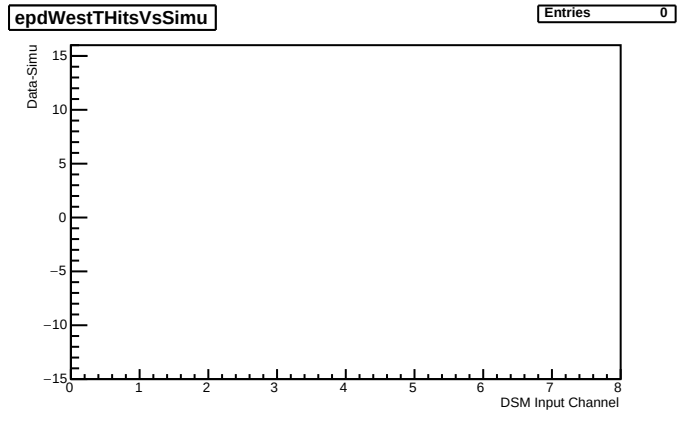
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4588952
Truncated NHits
DSMInput Channel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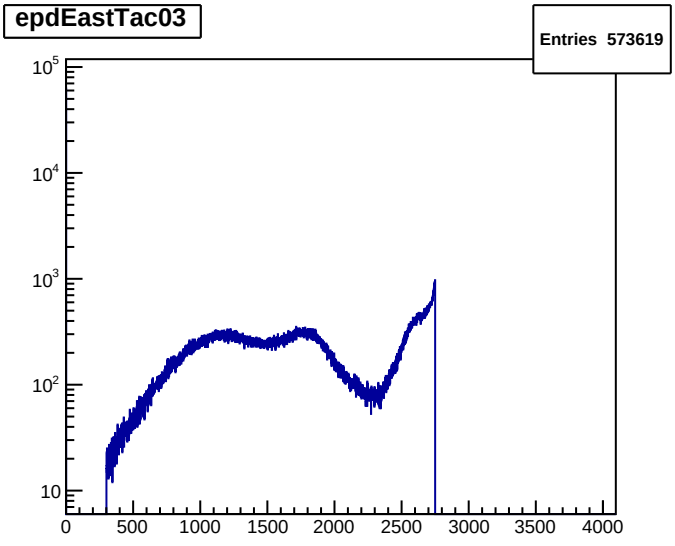
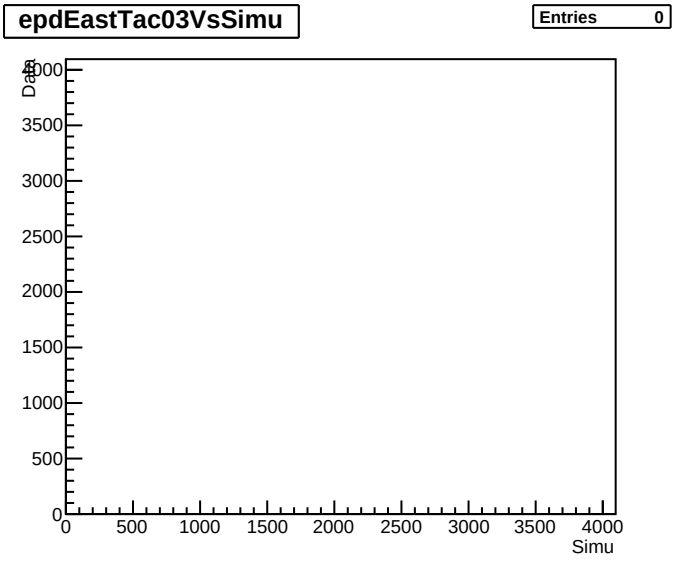
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 573619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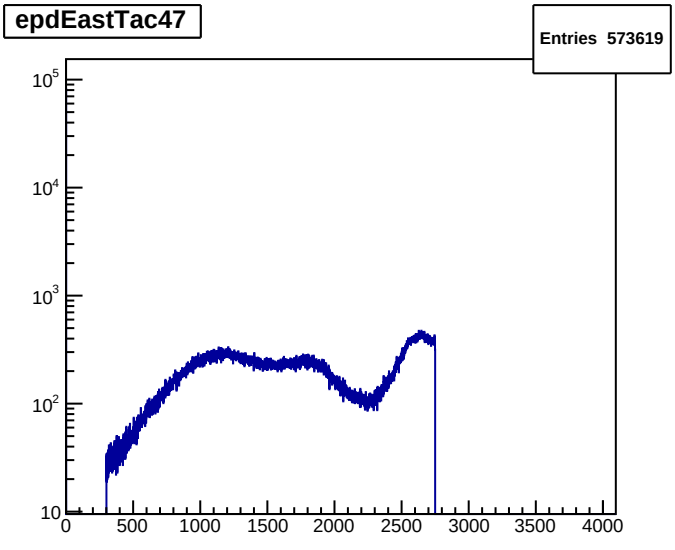
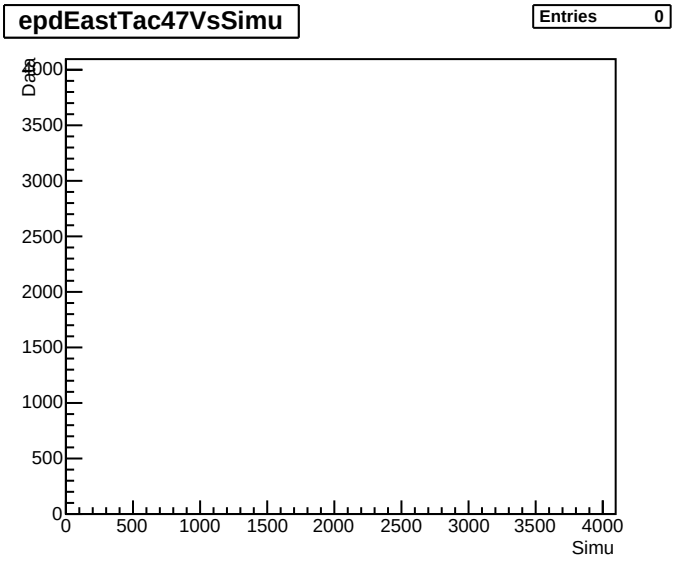
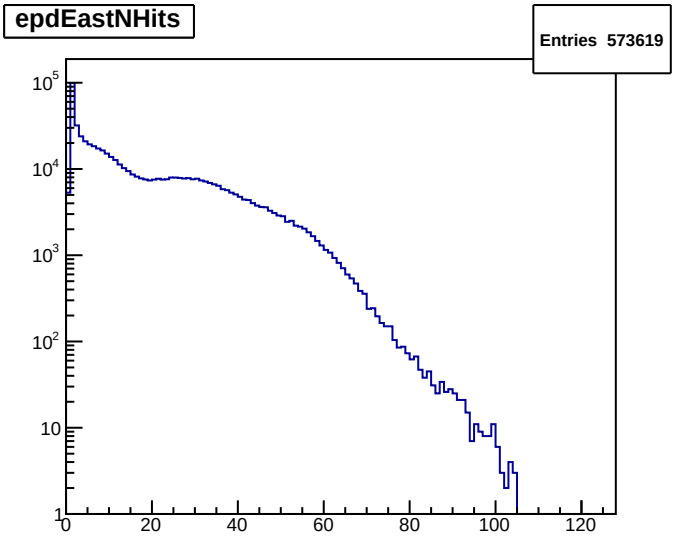
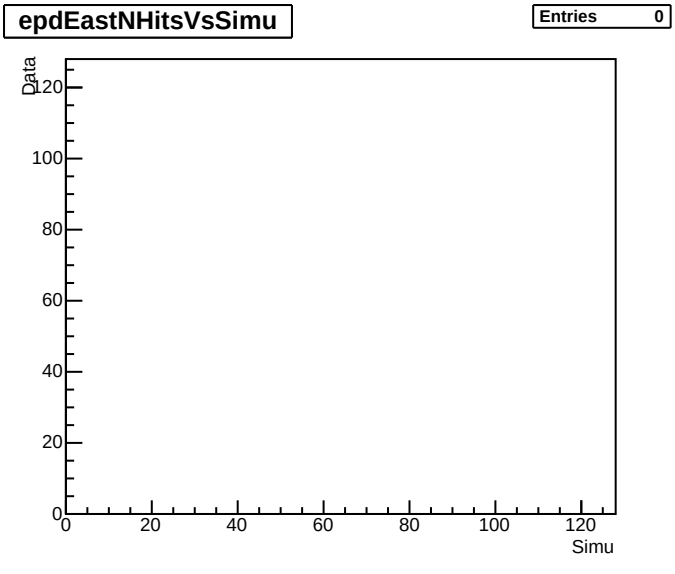
Entries 0
Data
Simu


epdEastTac47
Entries 573619


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 573619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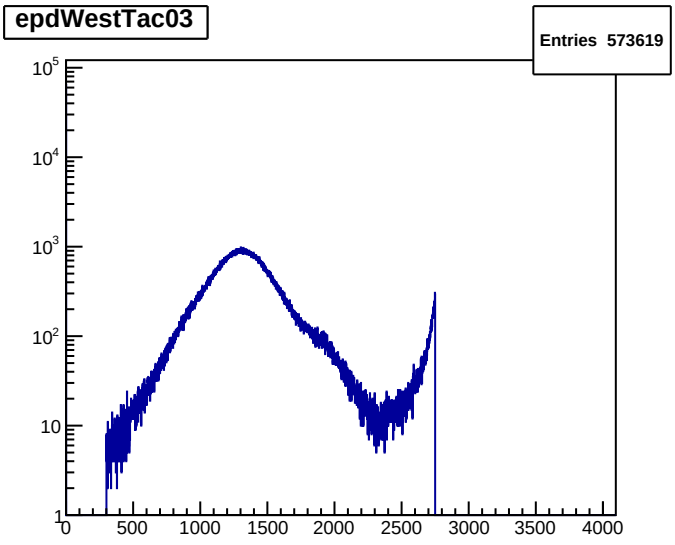
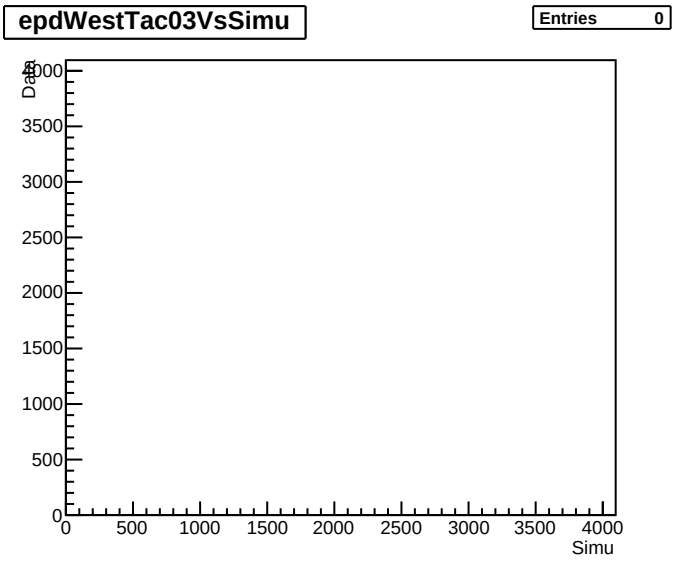
Entries 0
Data
Simu


epdWestTac03
Entries 573619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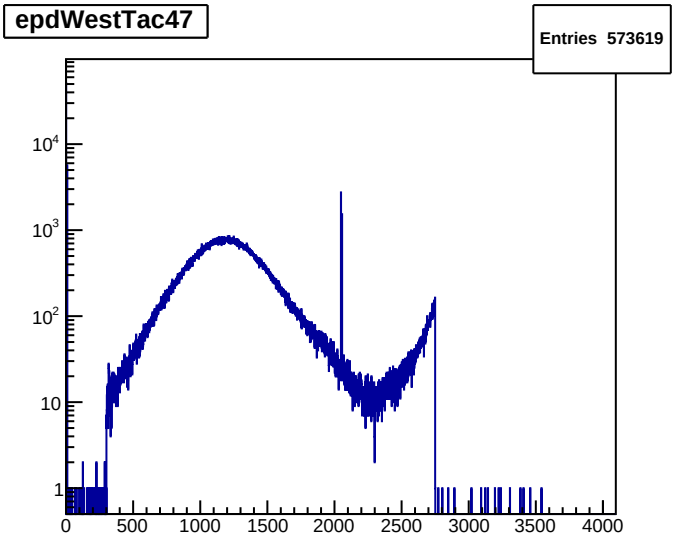
Entries 0
Data
Simu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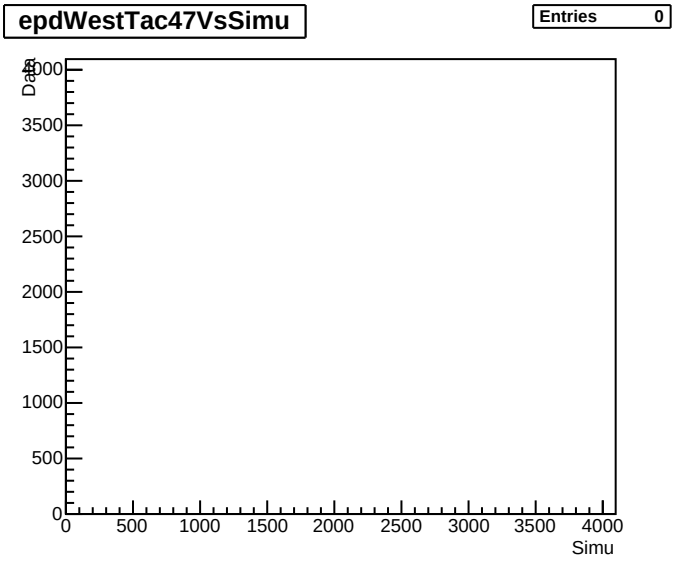
Entries 573619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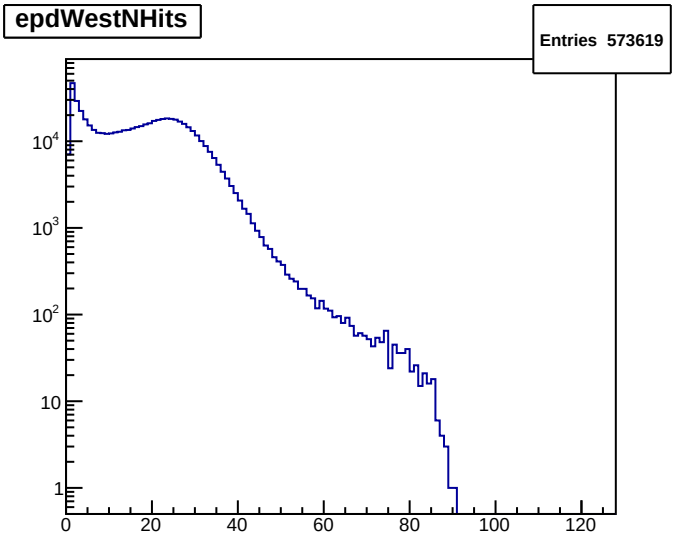
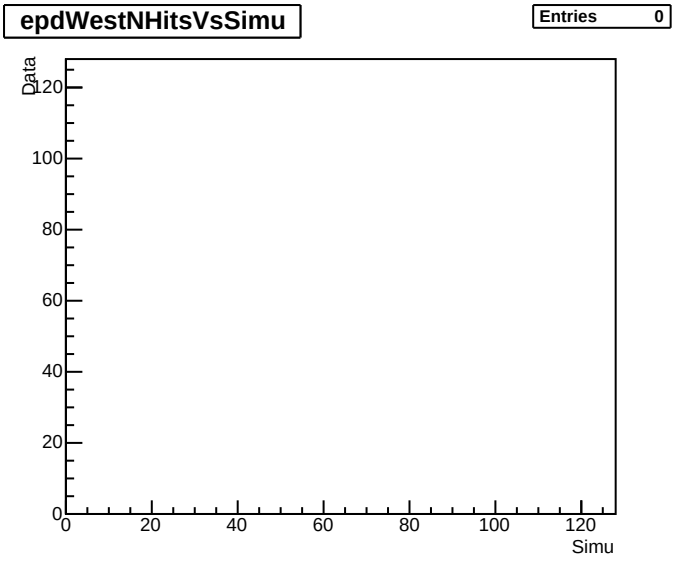
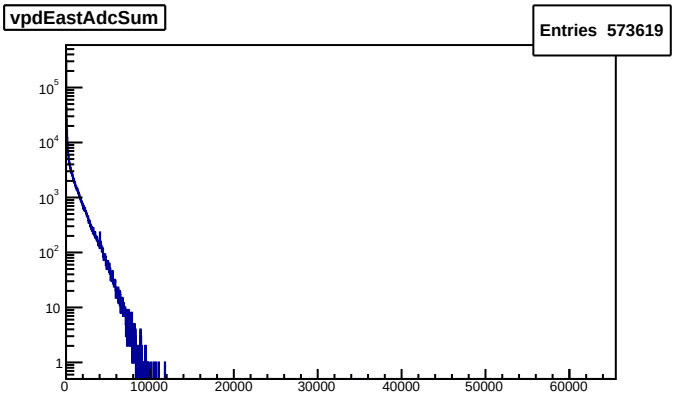
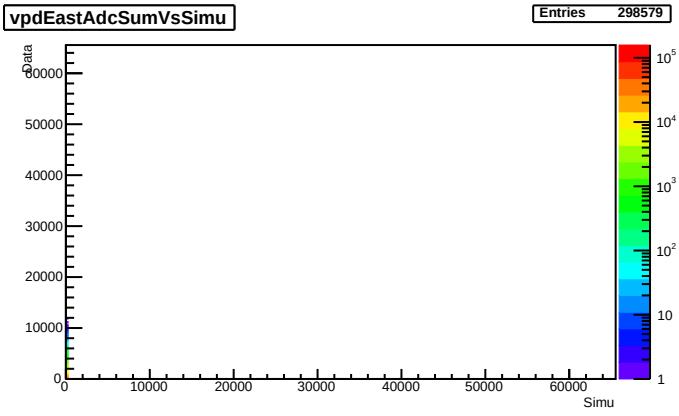
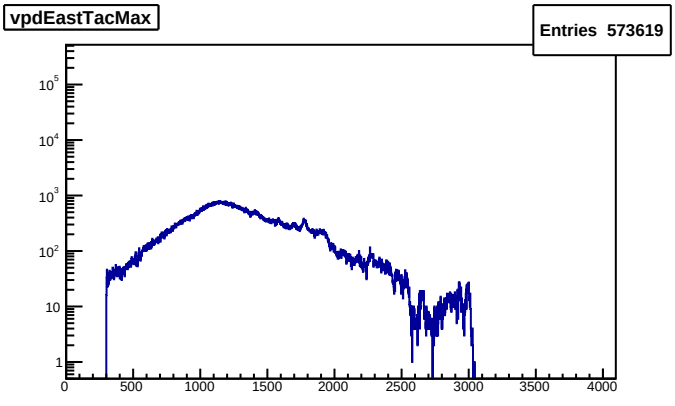
Entries 0
Data
Simu

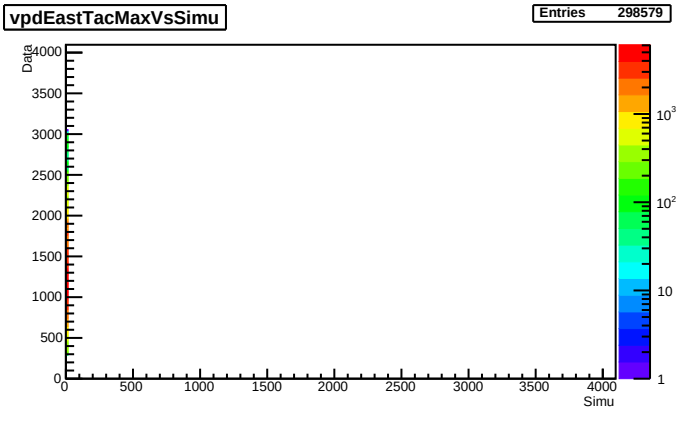

epdWestNHits
Entries 573619


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 573619


vpdEastAdcSumVsSimu
Entries 298579
Data
Simu


vpdEastTacMax
Entries 573619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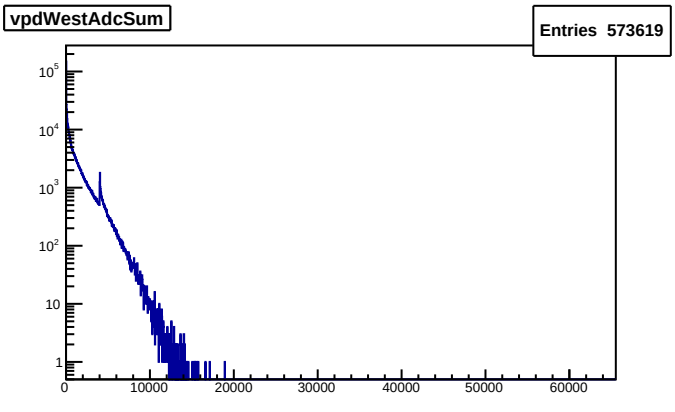
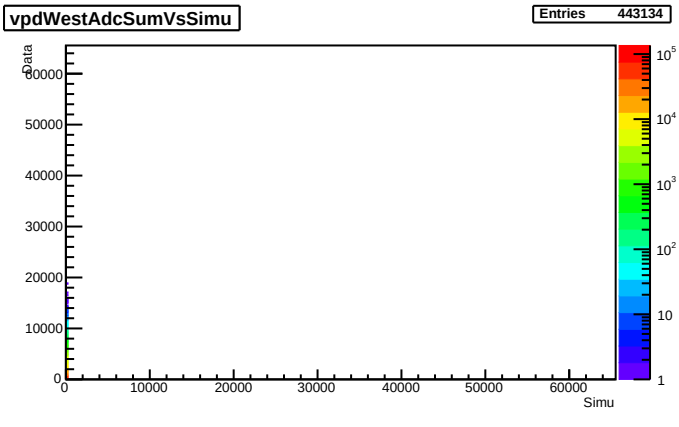
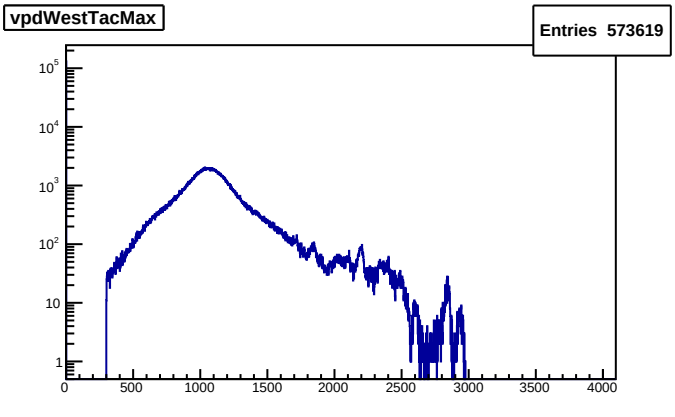
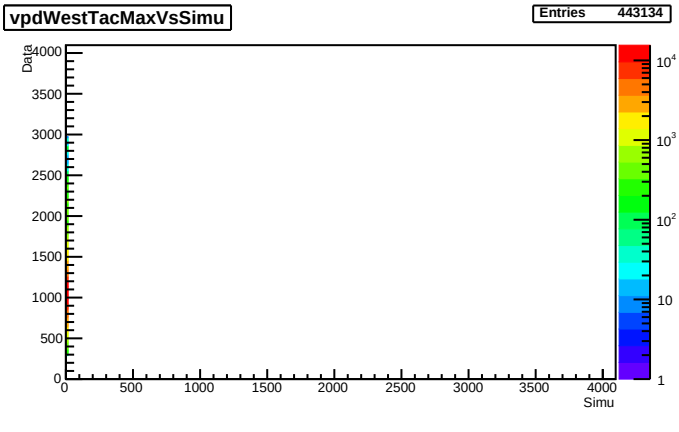
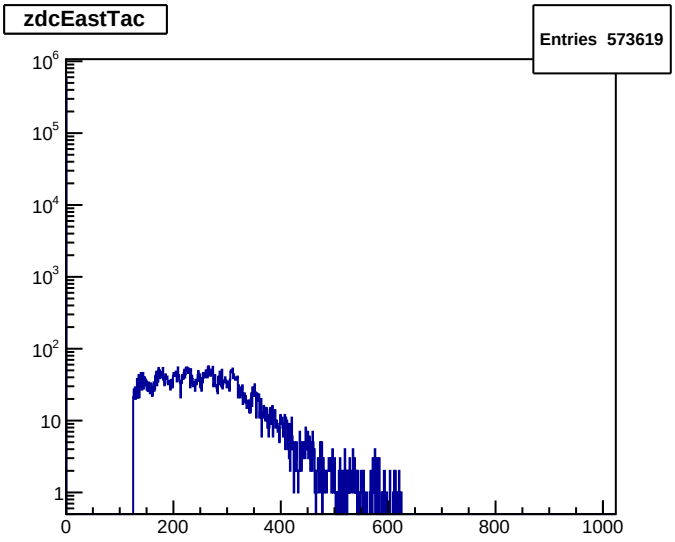
Entries 298579
Data
Simu

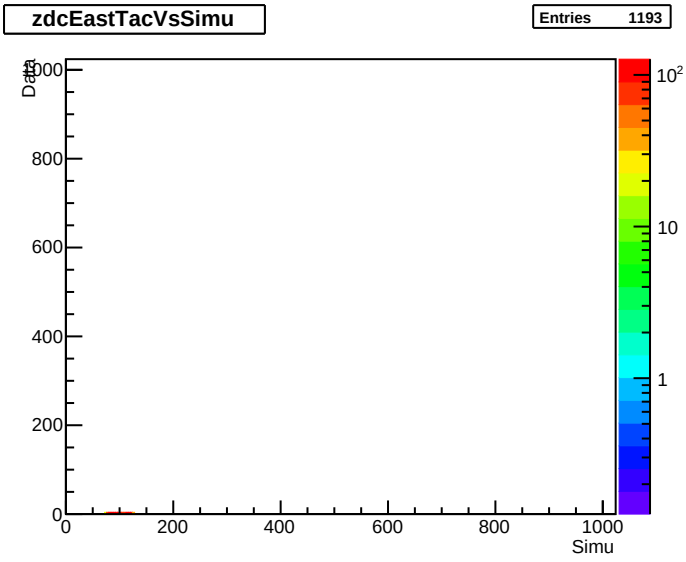

vpdWestAdcSum
Entries 573619

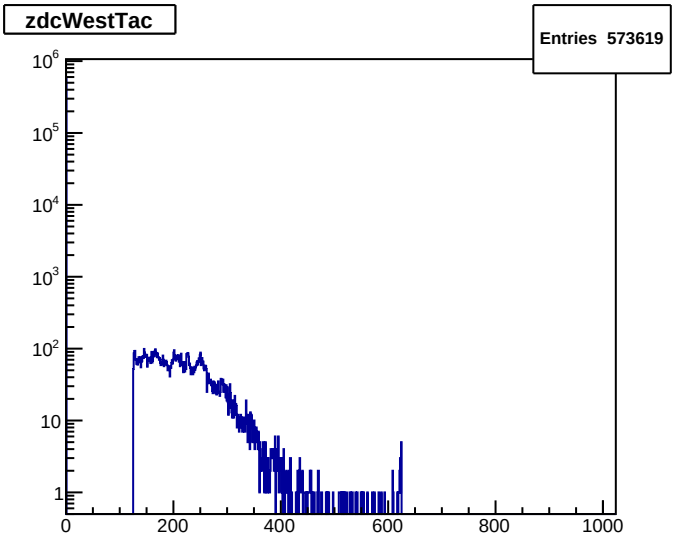

vpdWestAdcSumVsSimu
Entries 443134
Data
Simu

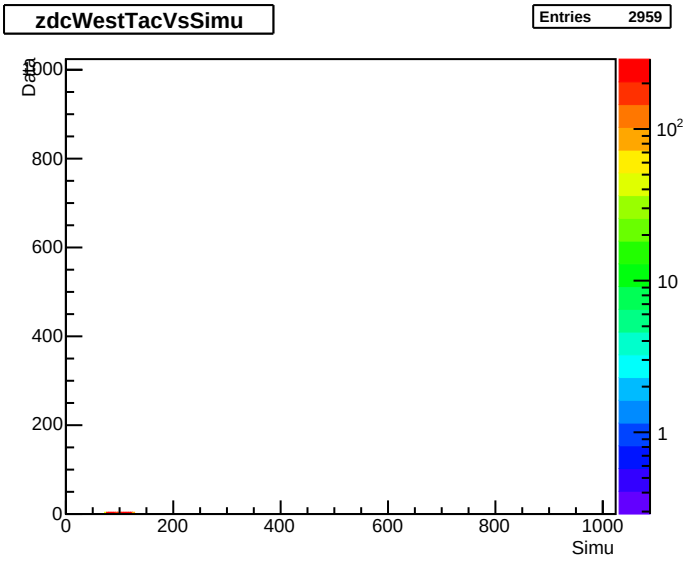

vpdWestTacMax
Entries 573619

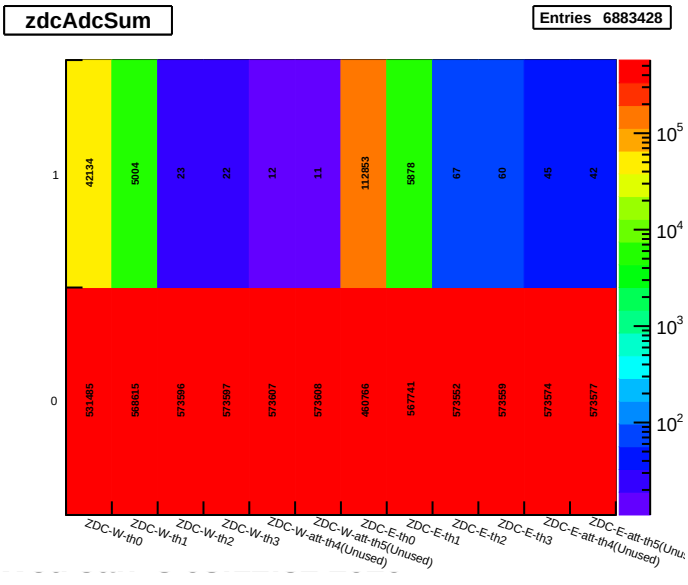

vpdWestTacMaxVsSimu
Entries 443134
Data
Simu

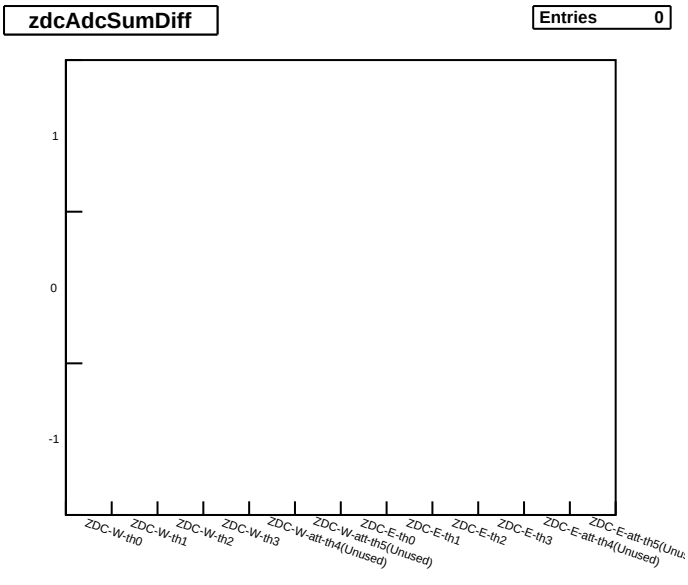

zdcEastTac
Entries 573619

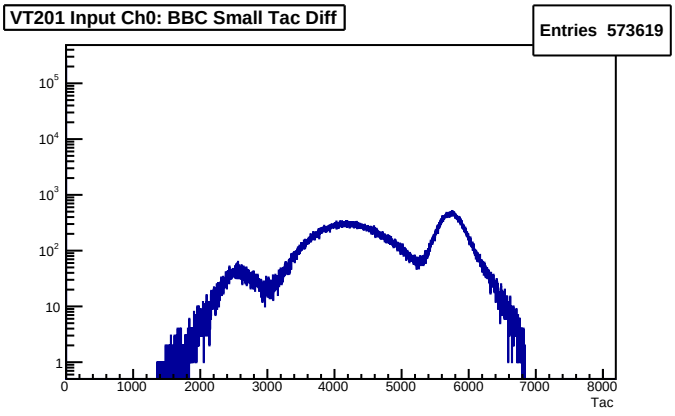

zdcEastTacVsSimu
Entries 1193
Data
Simu

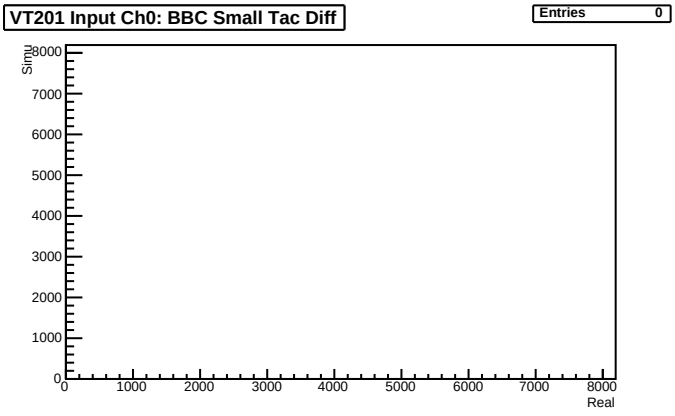

zdcWestTac
Entries 573619

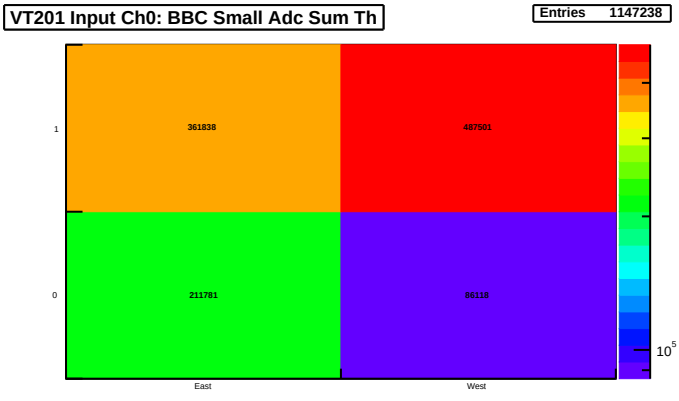

zdcWestTacVsSimu
Entries 2959
Data
Simu

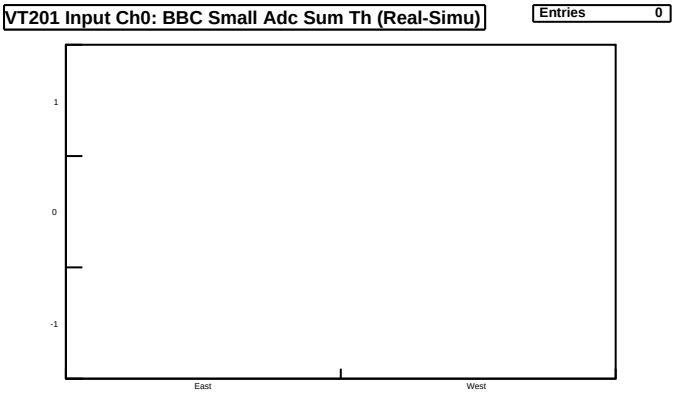

zdcAdcSum
Entries 6883428
42134
5004
23
22
12
11
112853
5878
67
60
45
42
531485
568615
573596
573597
573607
573608
460766
567741
573552
573559
573574
573577
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

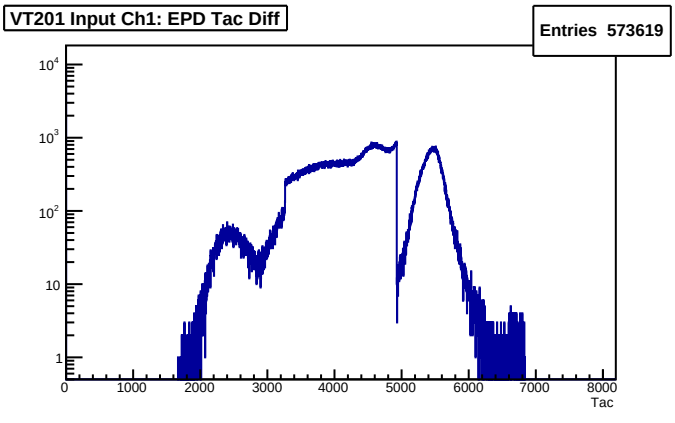

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

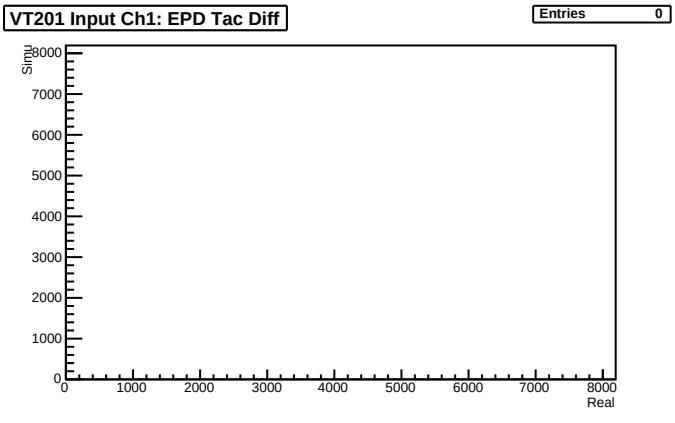

VT201 Input Ch0: BBC Small Tac Diff
Entries 573619
Tac

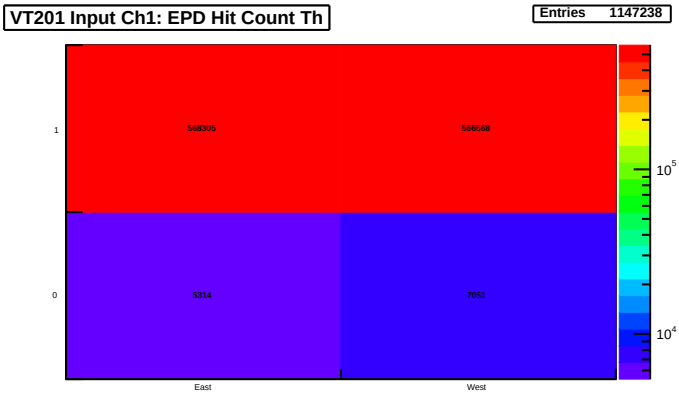

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

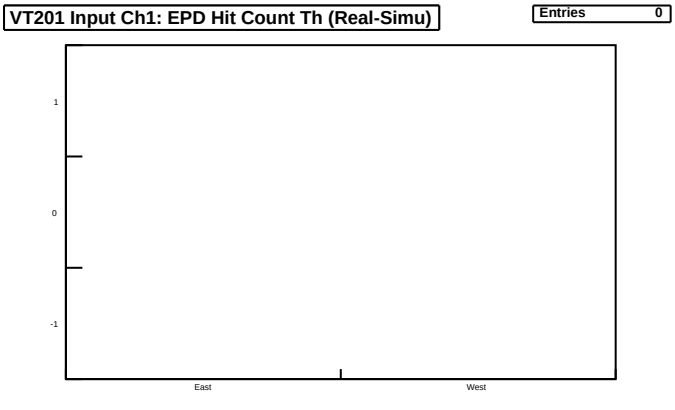

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1147238
361838
487501
211781
86118
East
West

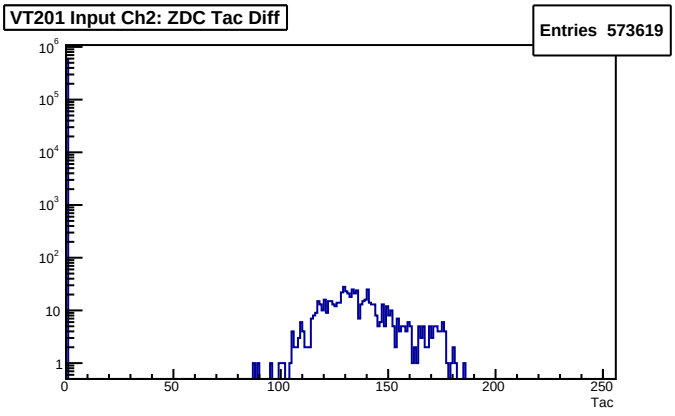

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

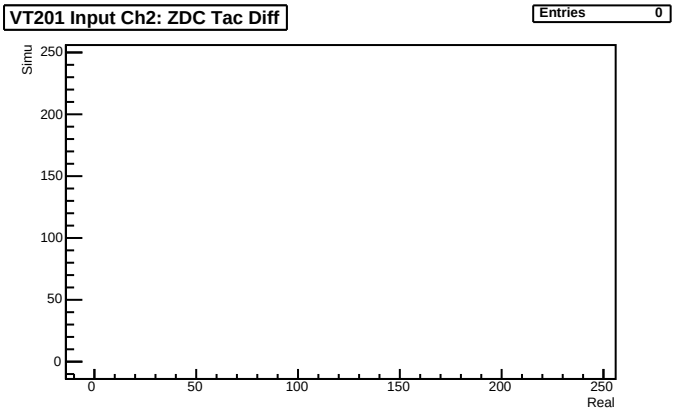

VT201 Input Ch1: EPD Tac Diff
Entries 573619
Tac

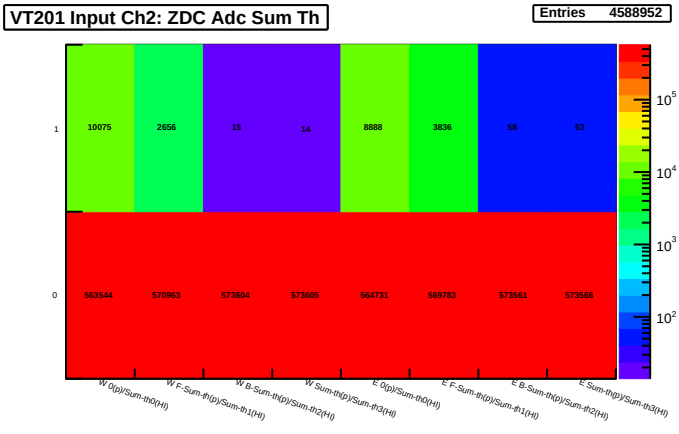

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

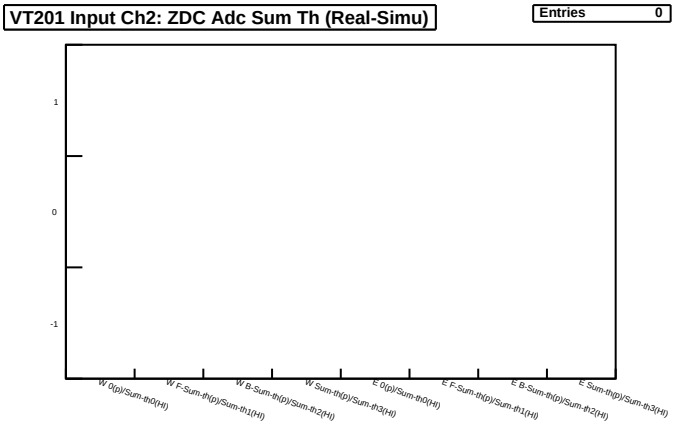

VT201 Input Ch1: EPD Hit Count Th
Entries 1147238
568305
560568
5314
7051
East
West

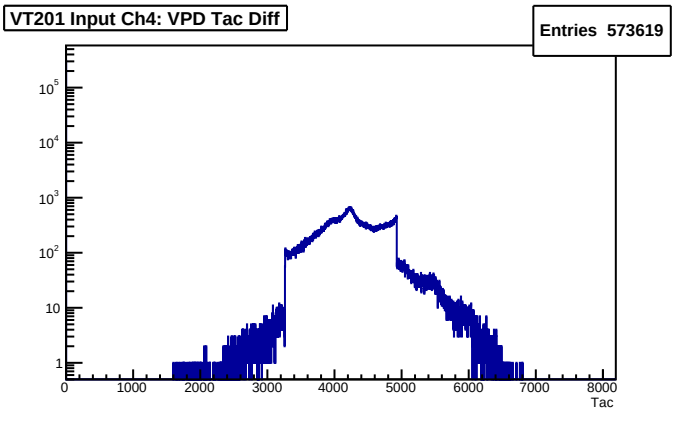

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

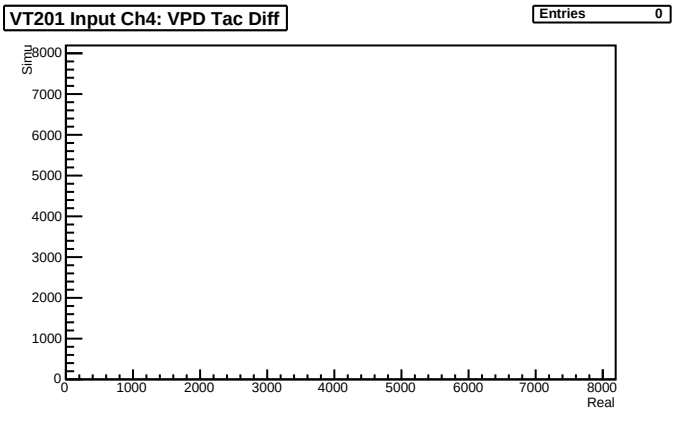

VT201 Input Ch2: ZDC Tac Diff
Entries 573619
Tac

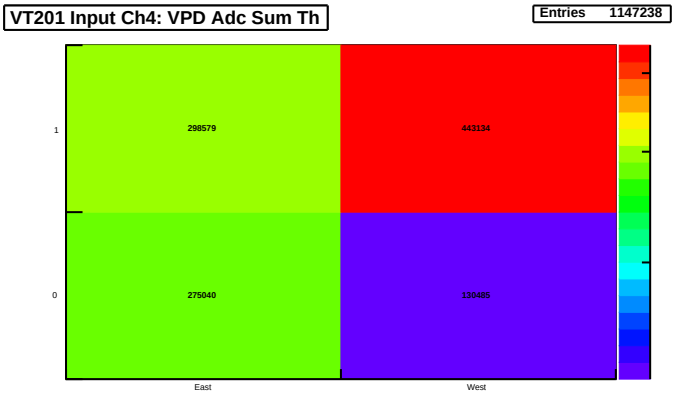

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

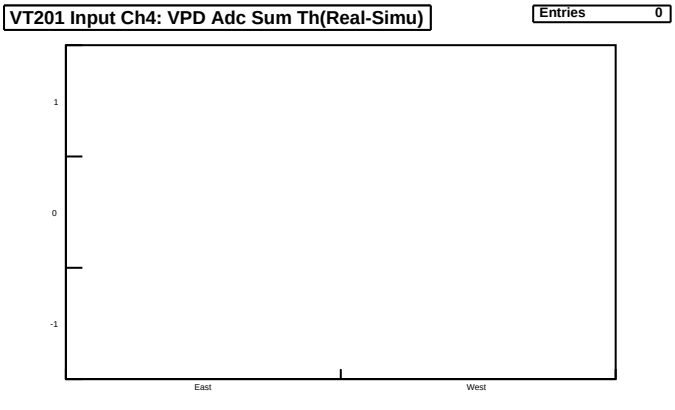

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4588952
10075
2656
15
14
8888
3836
58
53
563544
570963
573604
573605
564731
569783
573561
573566
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

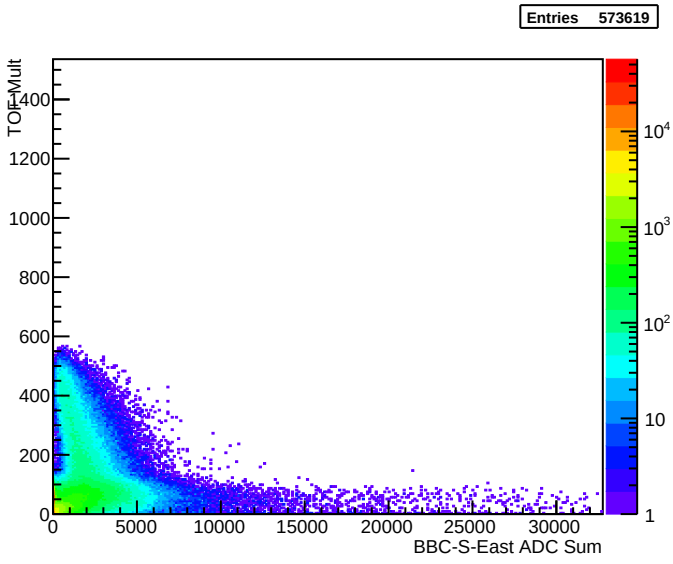

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

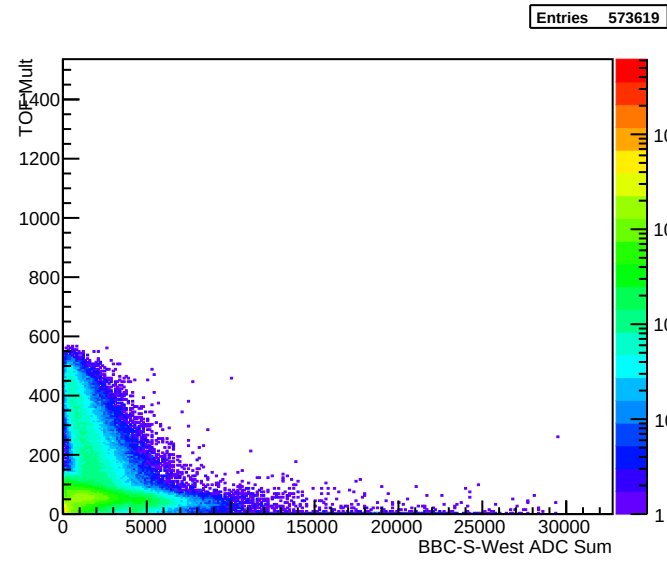

VT201 Input Ch4: VPD Tac Diff
Entries 573619
Tac

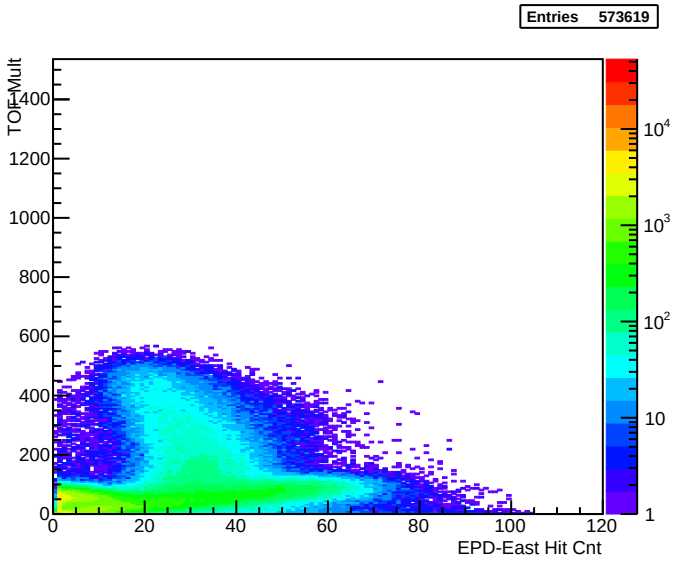

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

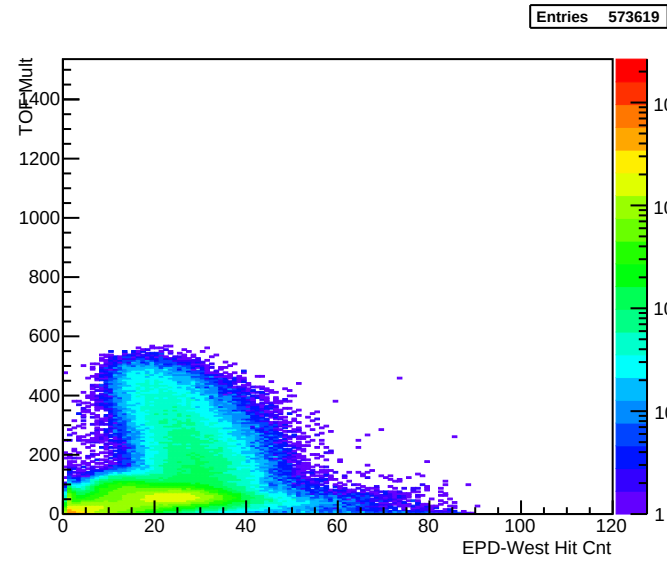

VT201 Input Ch4: VPD Adc Sum Th
Entries 1147238
298579
443134
275040
130485
East
West

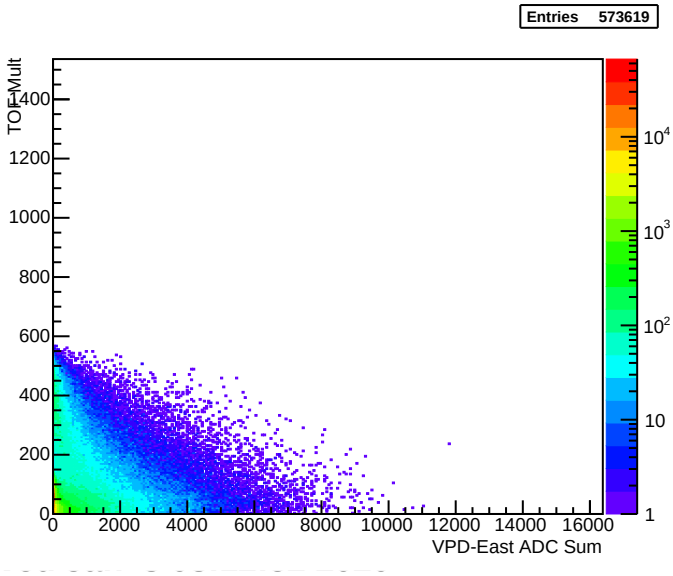

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

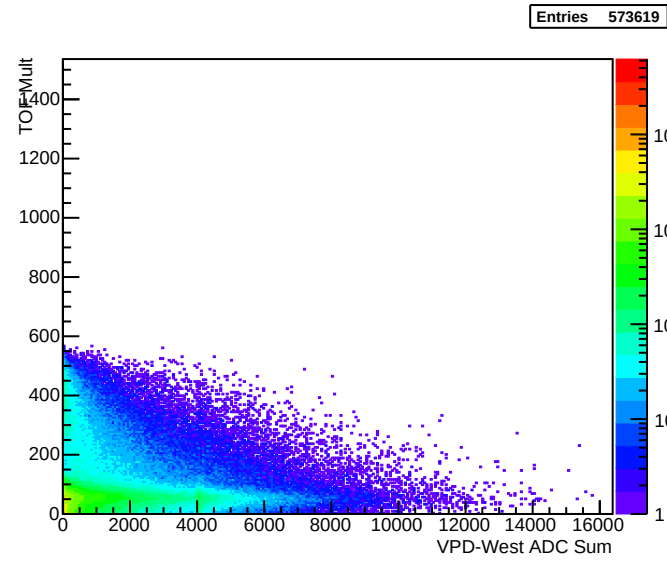

Entries 573619
TOF-Mult
BBC-S-East ADC Sum

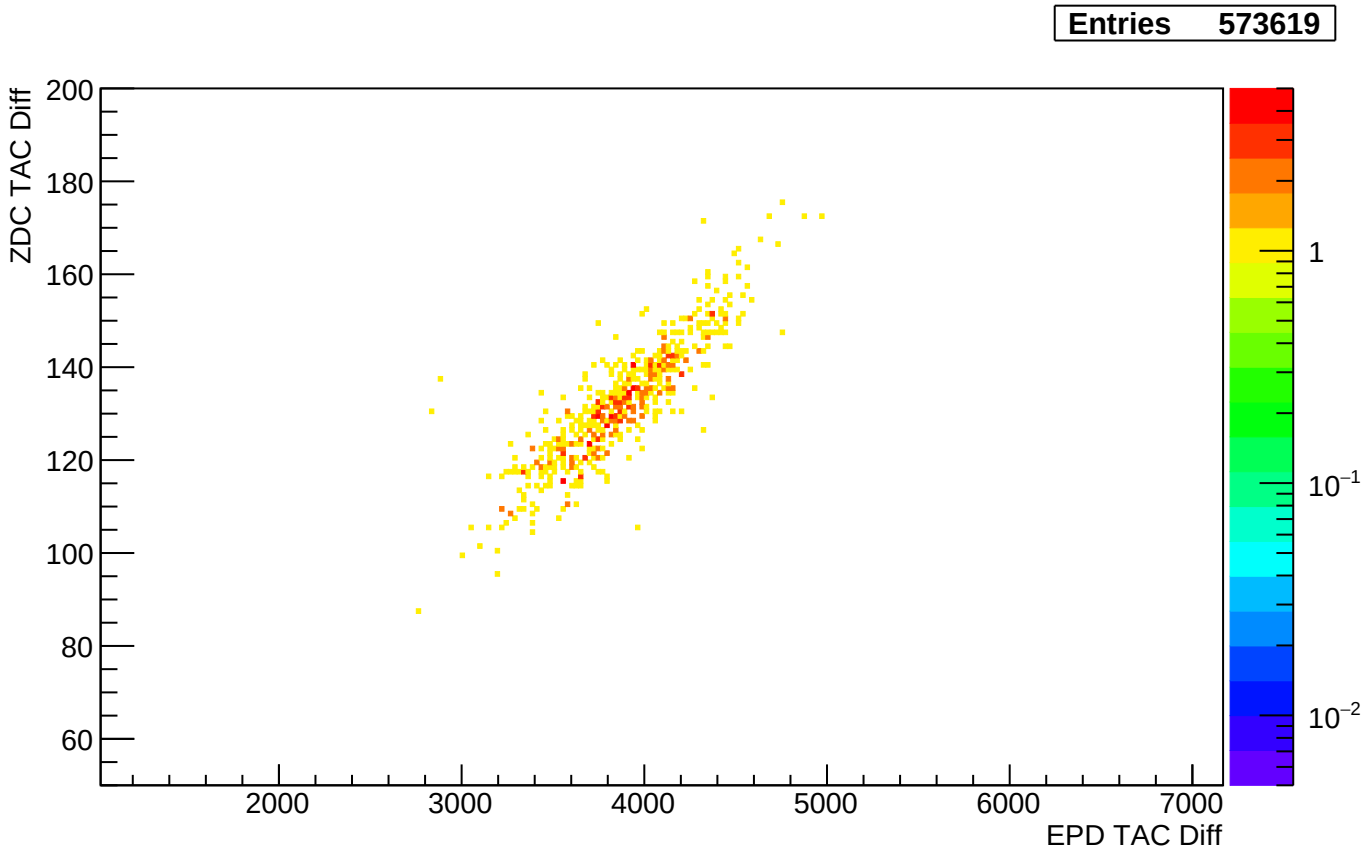

Entries 573619
TOF-Mult
BBC-S-West ADC Sum

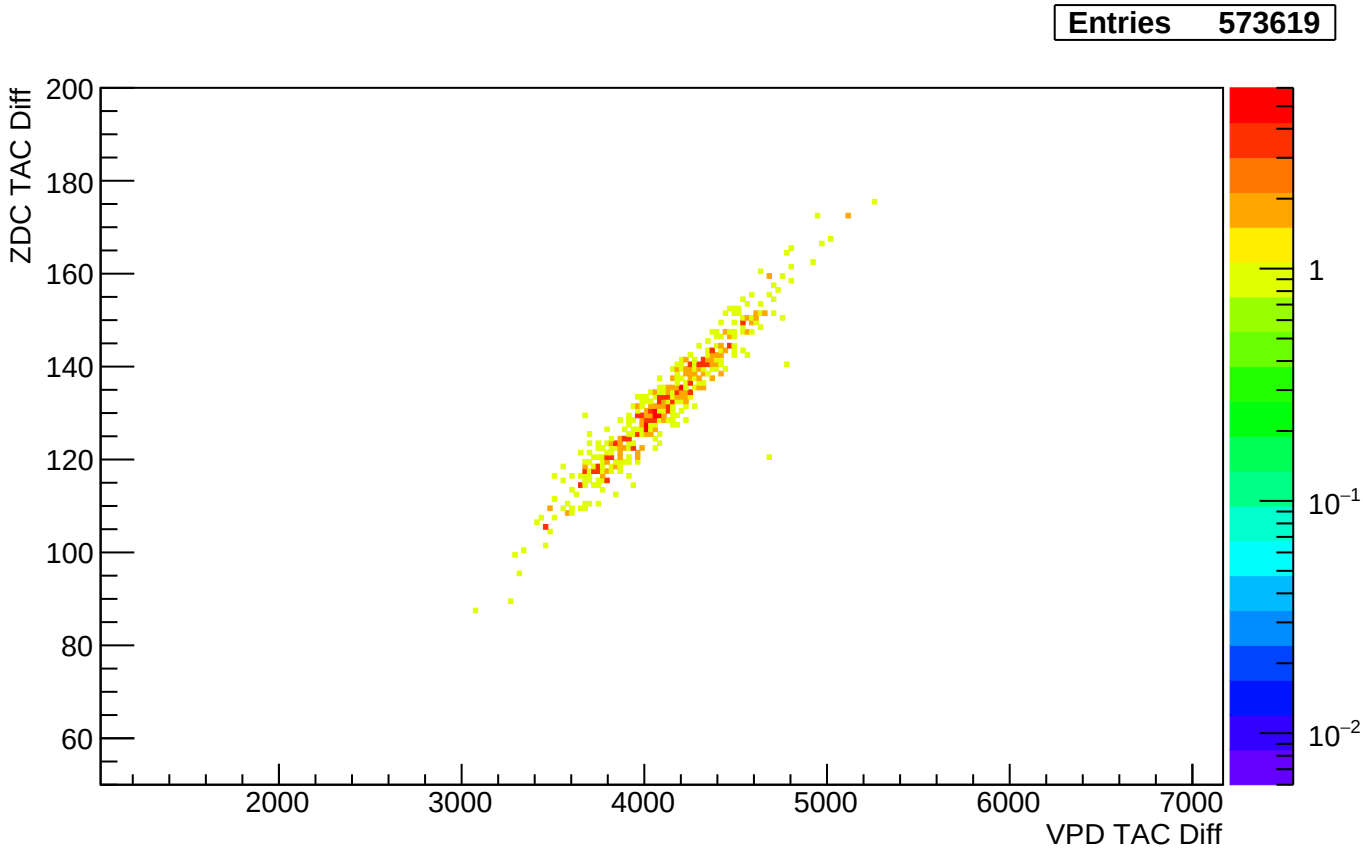

Entries 573619
TOF-Mult
EPD-East Hit Cnt

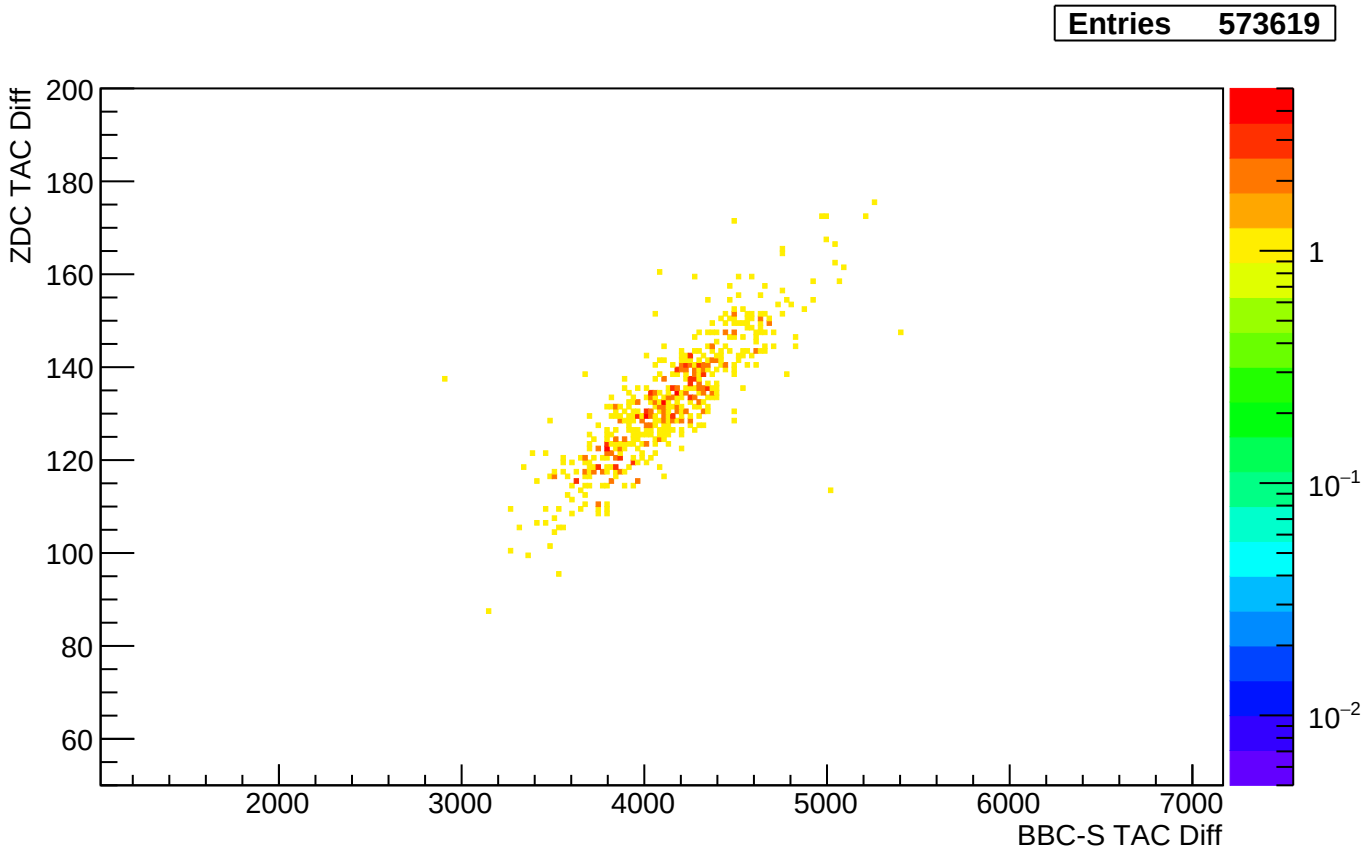

Entries 573619
TOF-Mult
EPD-West Hit Cnt

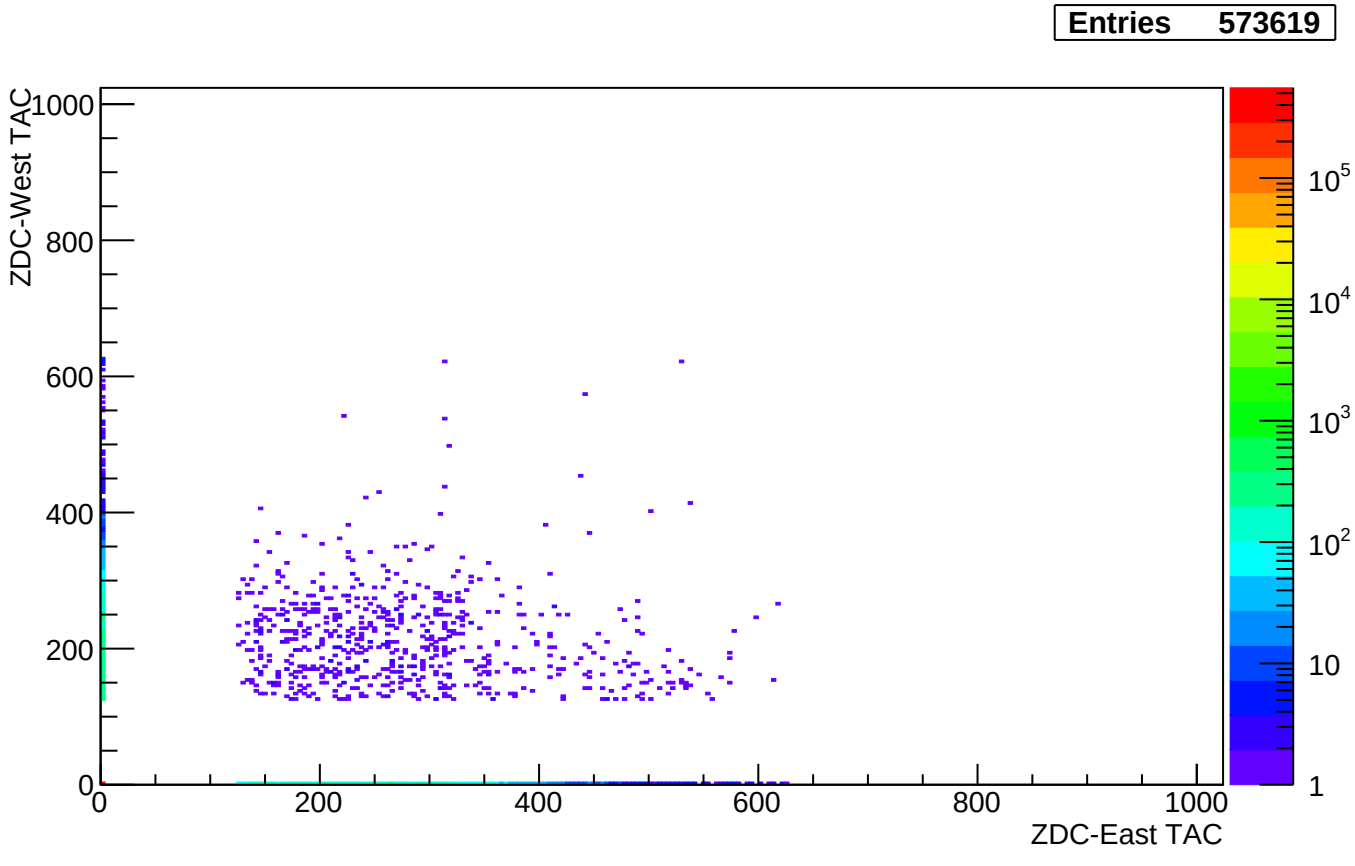

Entries 573619
TOF-Mult
VPD-East ADC Sum

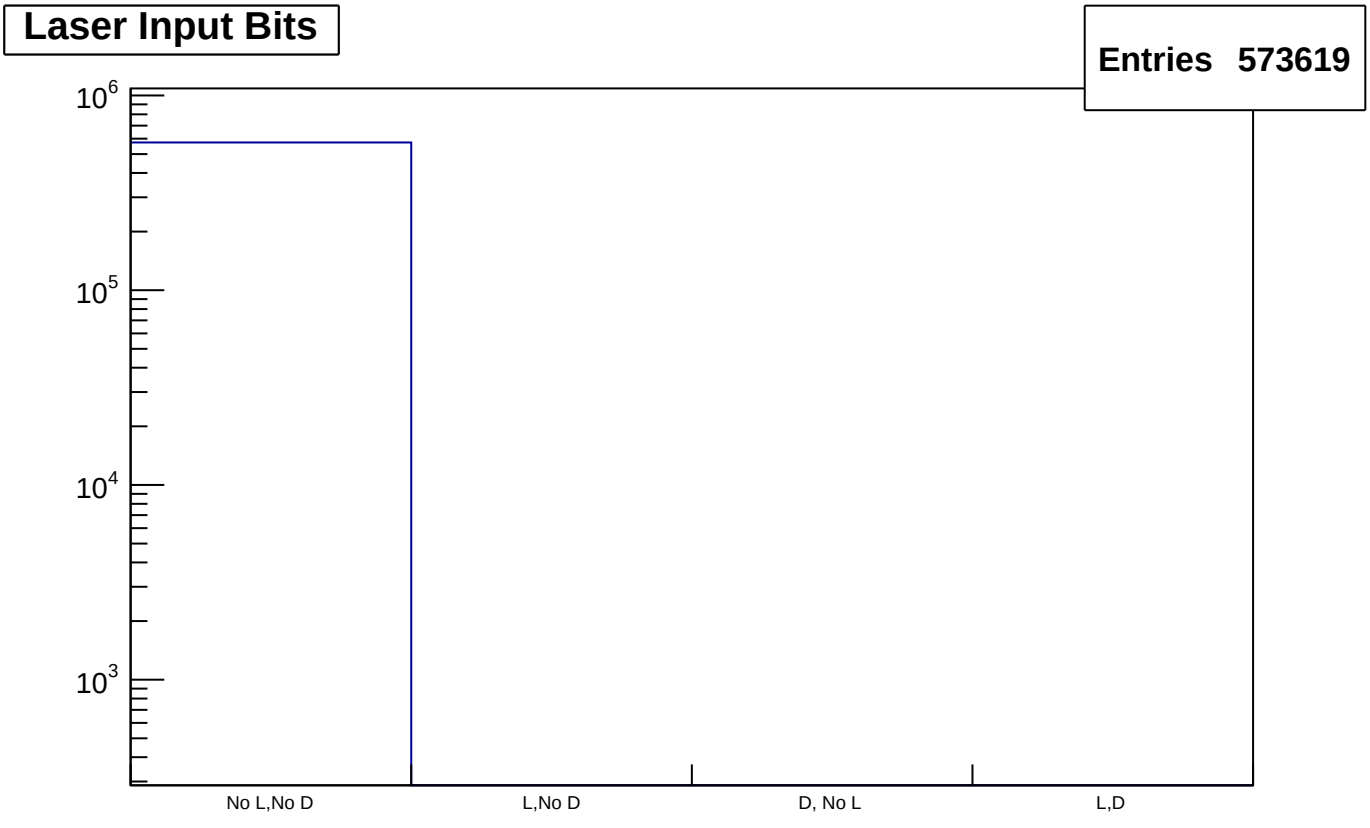

Entries 573619
TOF-Mult
VPD-West ADC Sum

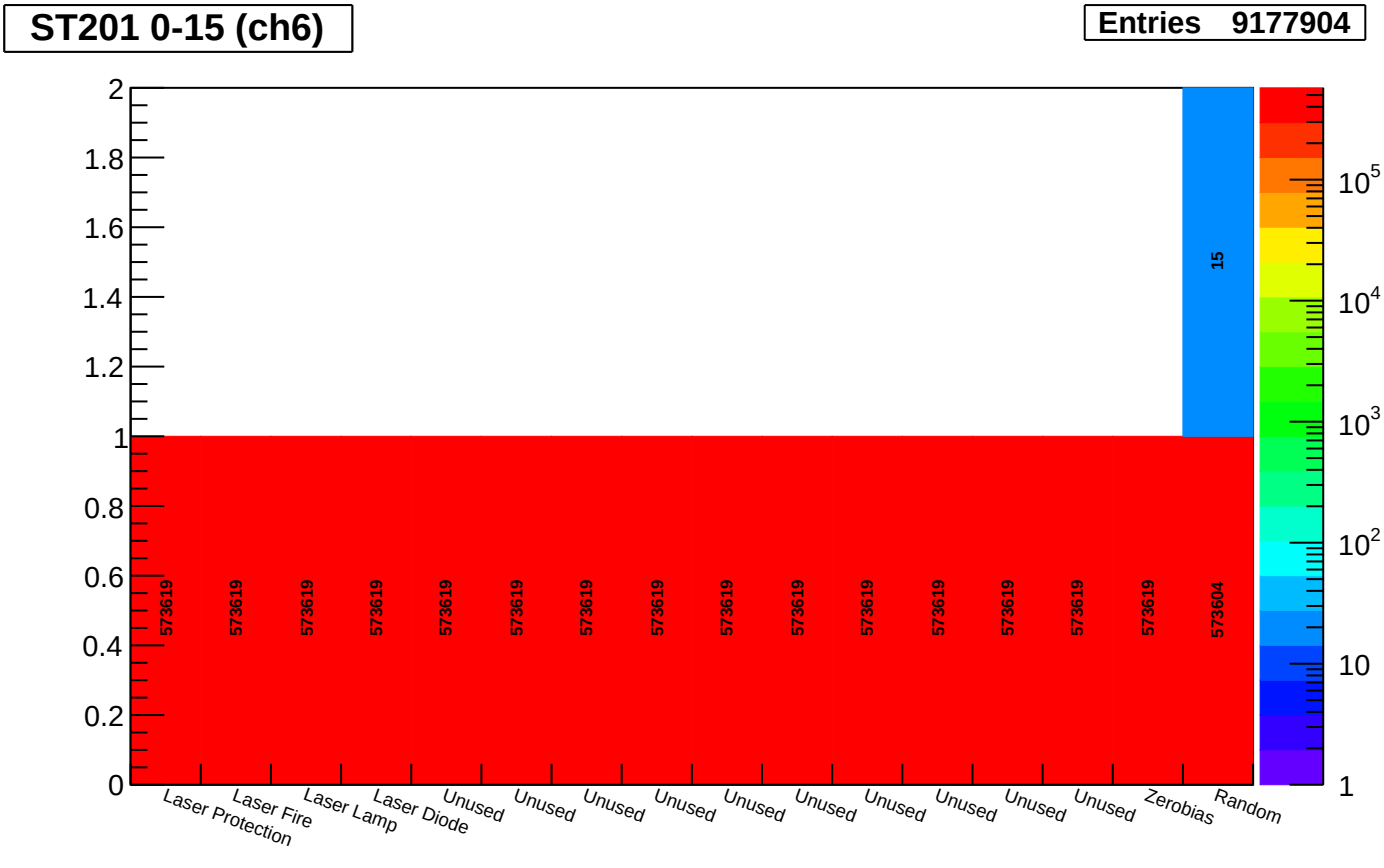

Entries 573619
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

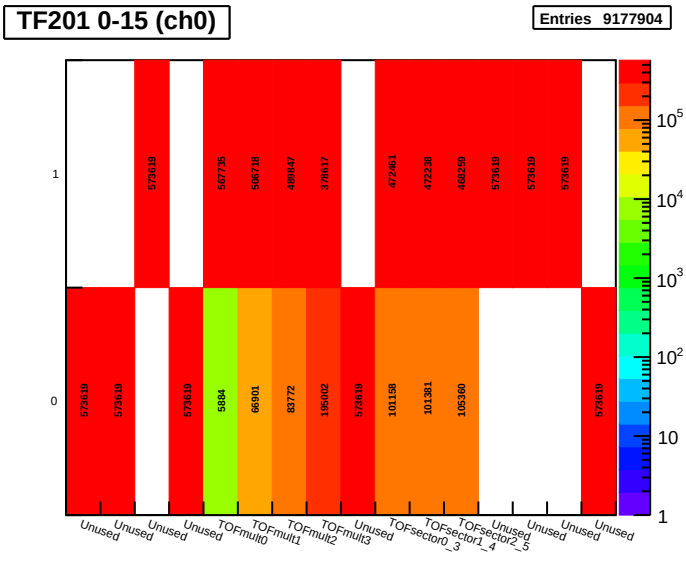

Entries 573619
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

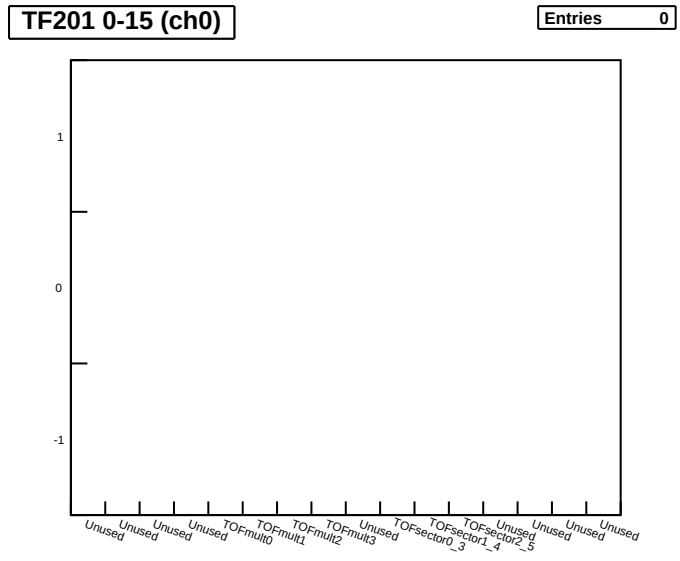

Entries 573619
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

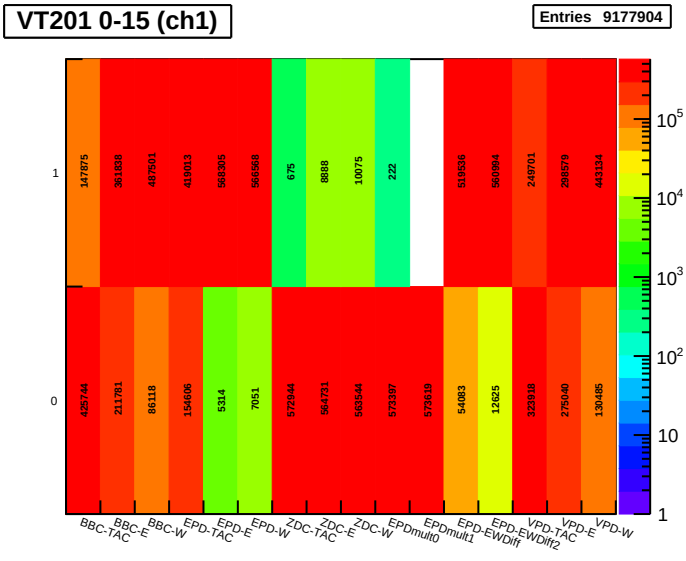

Entries 573619
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

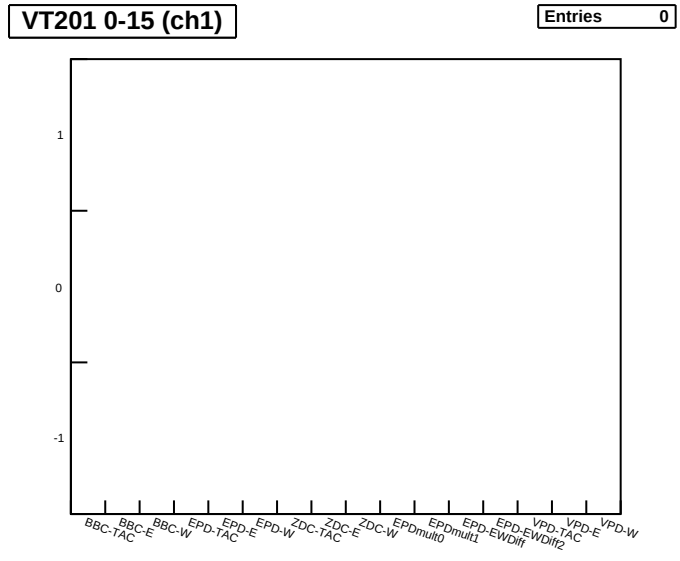

Laser Input Bits
Entries 573619
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

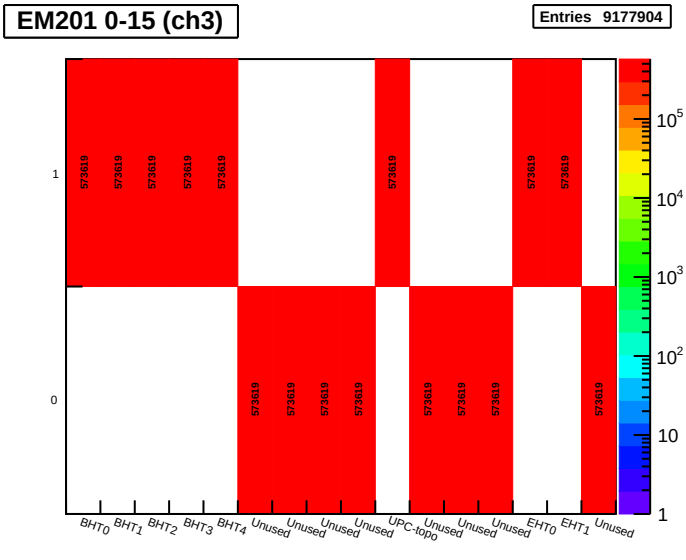

ST201 0-15 (ch6)
Entries 9177904
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
573619
573604
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

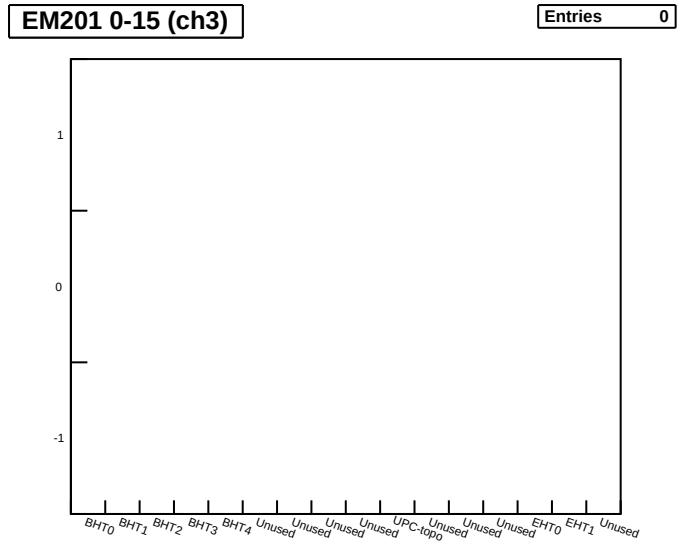

TF201 0-15 (ch0)
Entries 9177904
1
0
573619
567735
506718
489647
378617
472461
472238
468259
573619
573619
573619
573619
573619
573619
5984
66901
83772
195002
573619
101158
101381
105360
573619
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 9177904
1
0
147875
361838
407501
419013
568305
566568
675
8888
10075
222
519536
560994
249701
298579
443134
425744
211781
86118
154606
5314
7051
572944
564731
563544
573397
573619
54083
12625
323918
275040
130485
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 9177904
1
0
573619
573619
573619
573619
573619
573619
573619
573619
573619
573619
573619
573619
573619
573619
573619
573619
573619
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