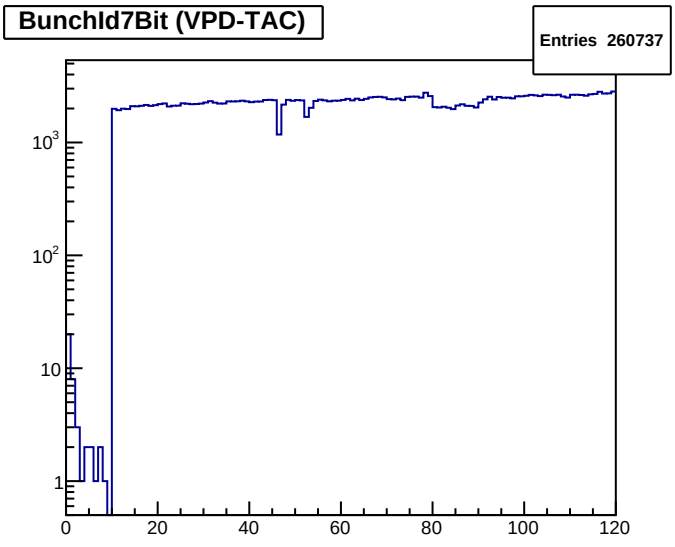
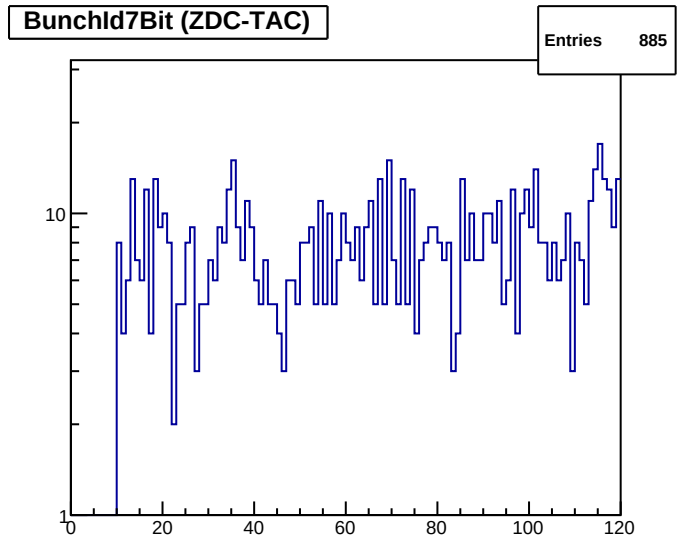
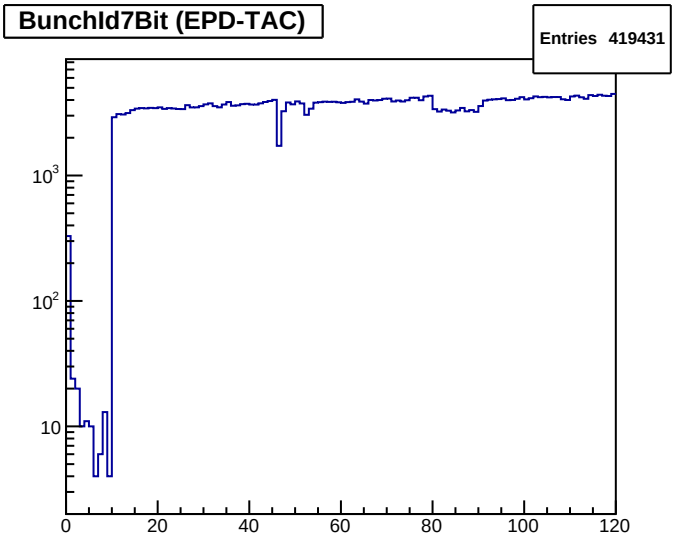
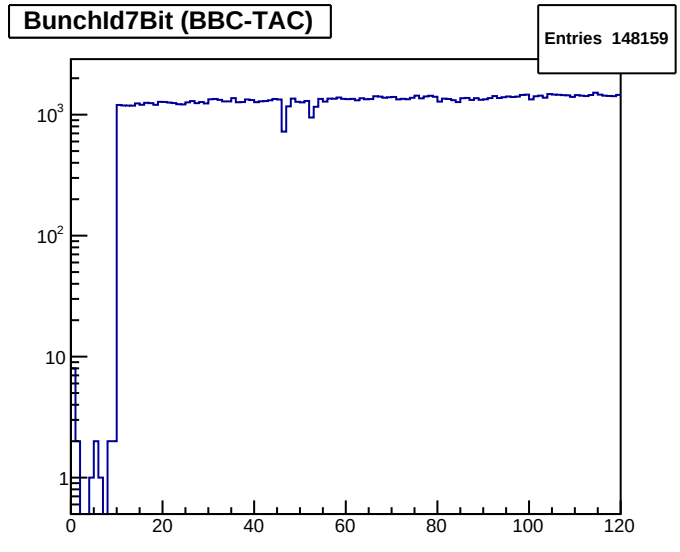
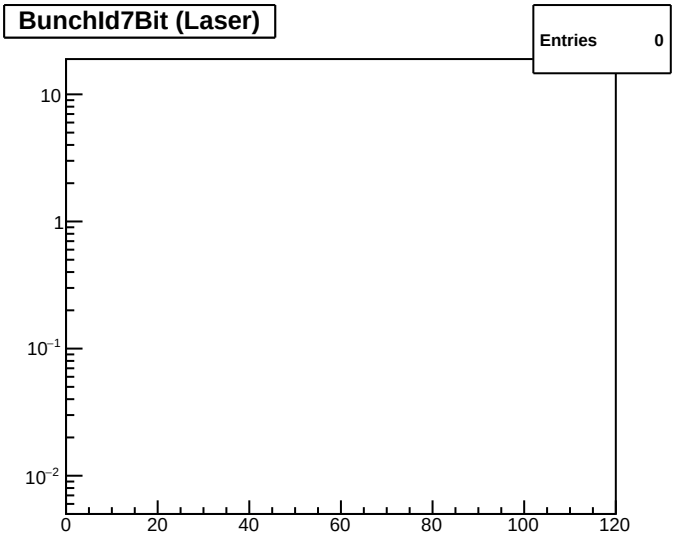
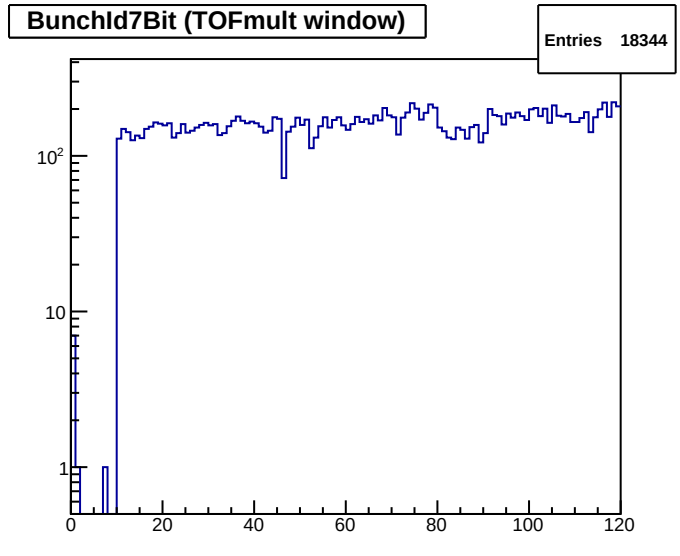

BunchId7Bit (VPD-TAC)
Entries 260737

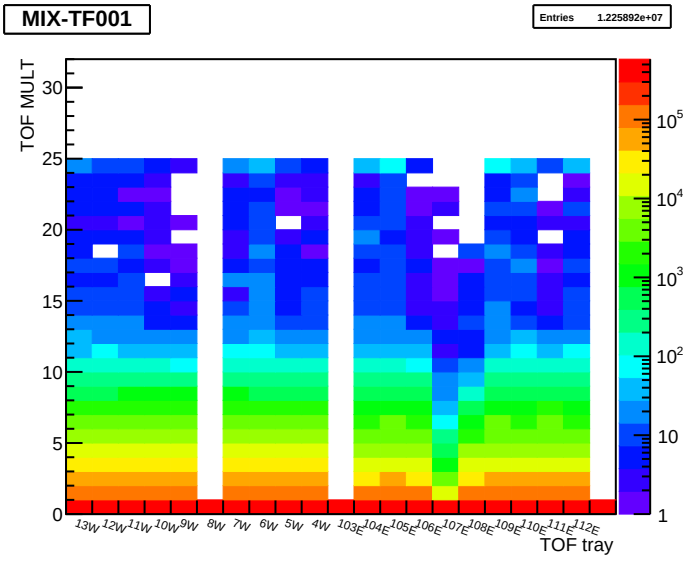

BunchId7Bit (ZDC-TAC)
Entries 885

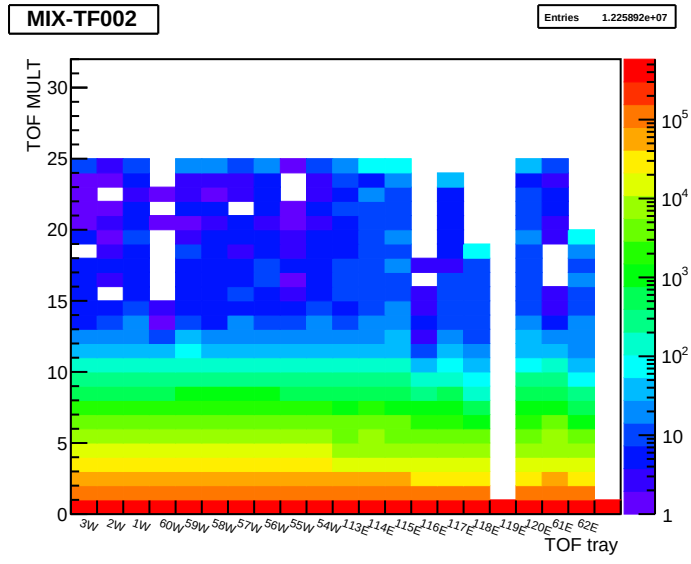

BunchId7Bit (EPD-TAC)
Entries 419431

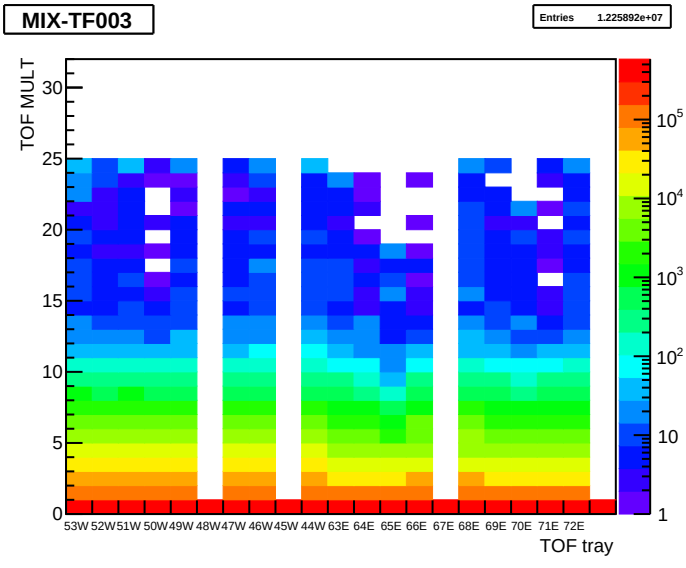

BunchId7Bit (BBC-TAC)
Entries 148159

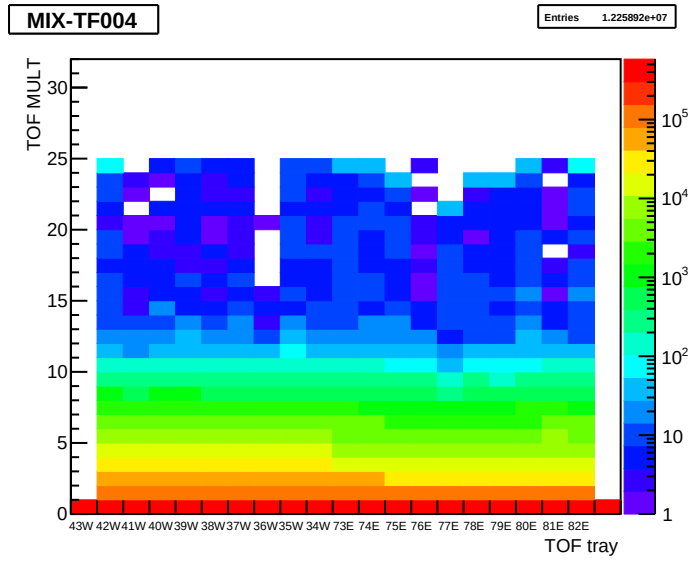

BunchId7Bit (Laser)
Entries 0

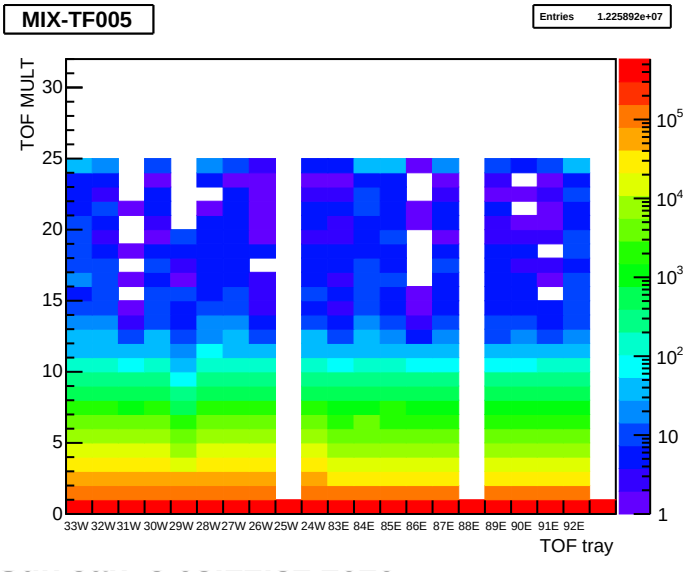

BunchId7Bit (TOFmult window)
Entries 18344

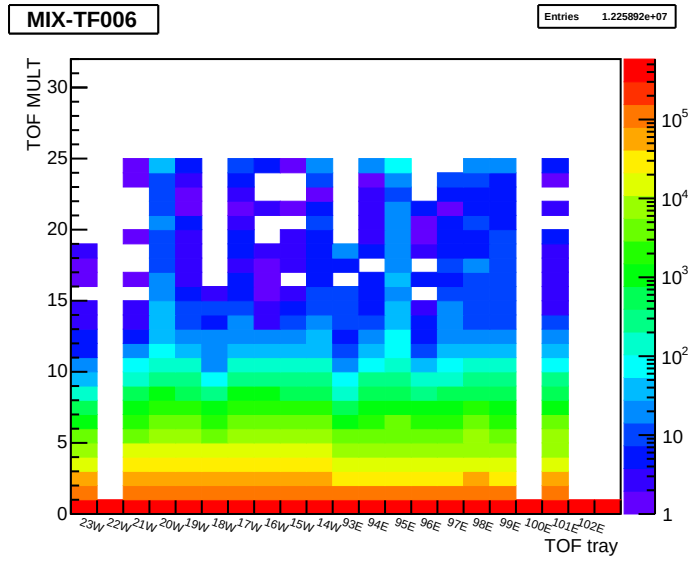

MIX-TF001
Entries 1.225892e+07
TOF MULT
TOF tray

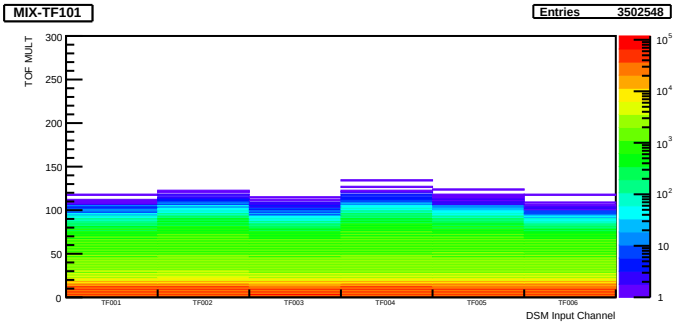

MIX-TF002
Entries 1.225892e+07
TOF MULT
TOF tray

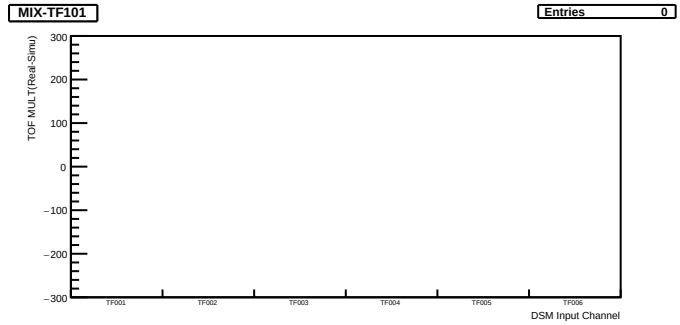

MIX-TF003
Entries 1.225892e+07
TOF MULT
TOF tray

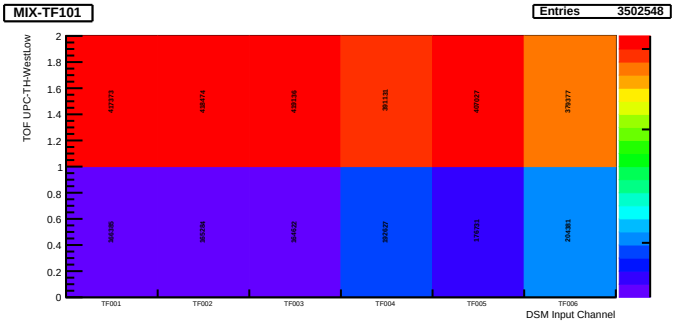

MIX-TF004
Entries 1.225892e+07
TOF MULT
TOF tray

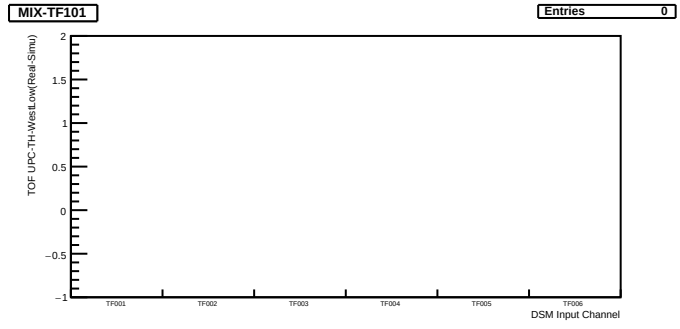

MIX-TF005
Entries 1.225892e+07
TOF MULT
TOF tray

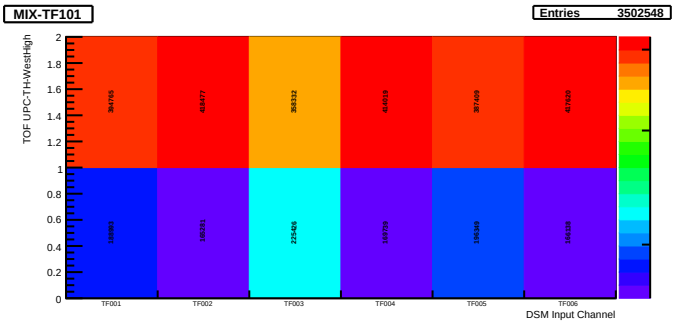

MIX-TF006
Entries 1.225892e+07
TOF MULT
TOF tray

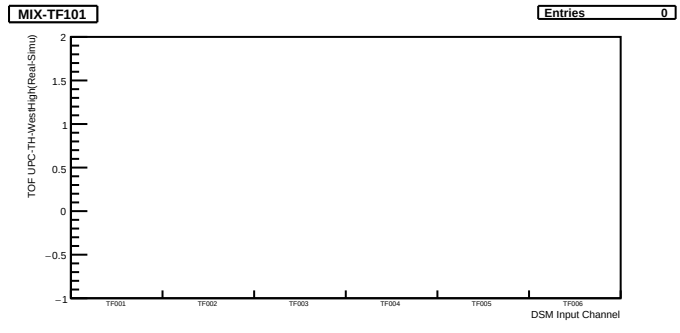

MIX-TF101
Entries 3502548
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

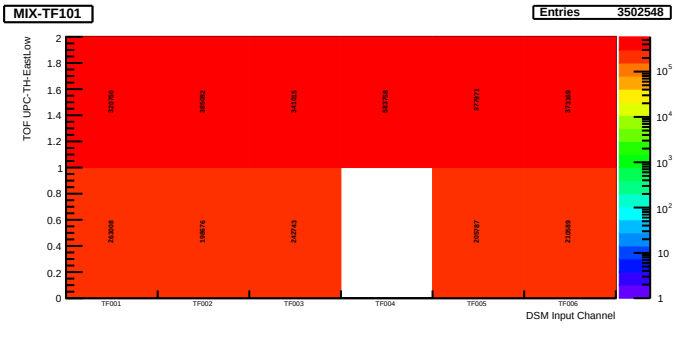

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

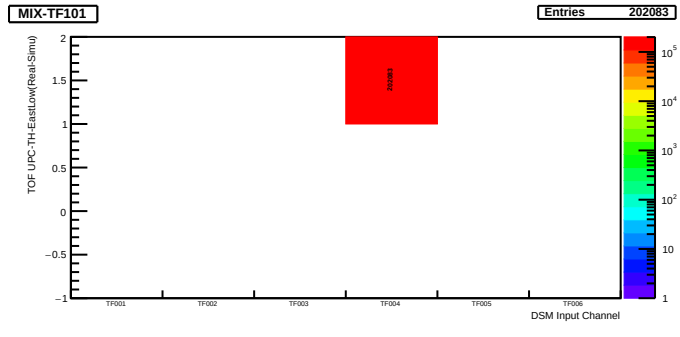

MIX-TF101
Entries 3502548
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

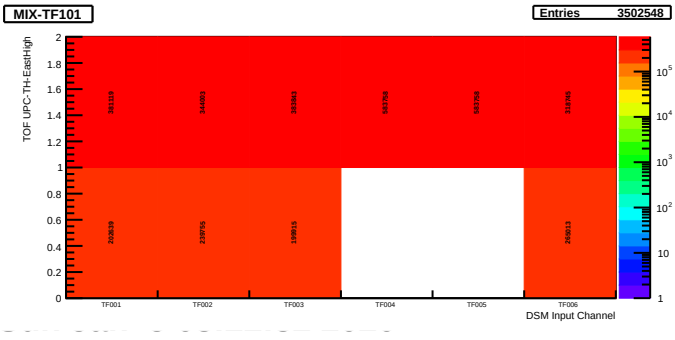

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

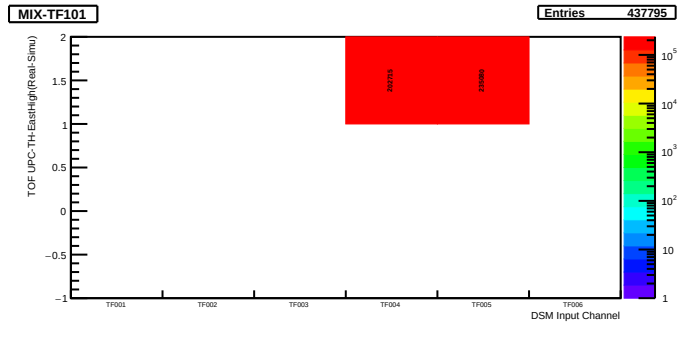

MIX-TF101
Entries 3502548
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

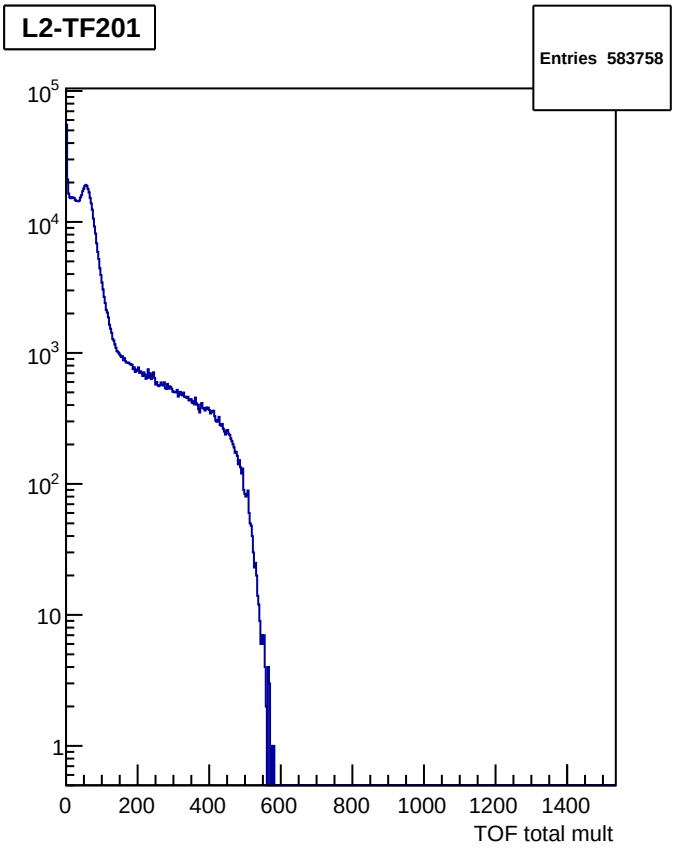

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

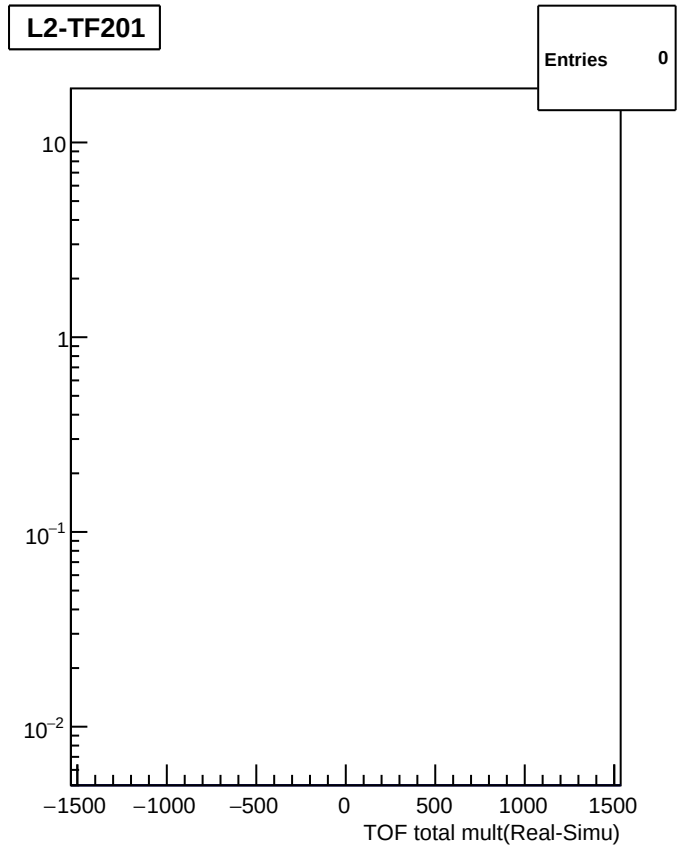

MIX-TF101
Entries 3502548
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

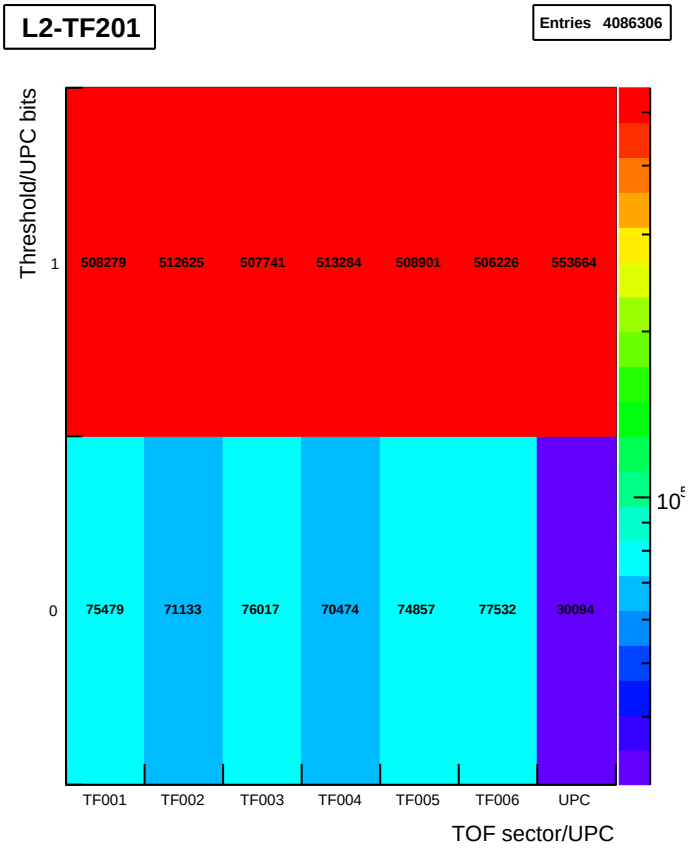

MIX-TF101
Entries 202083
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

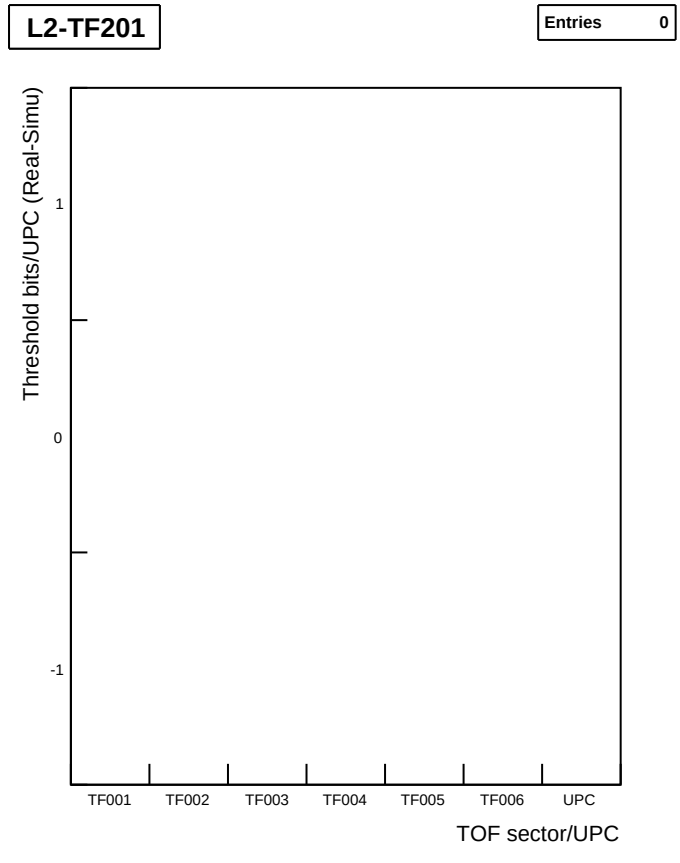

MIX-TF101
Entries 3502548
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

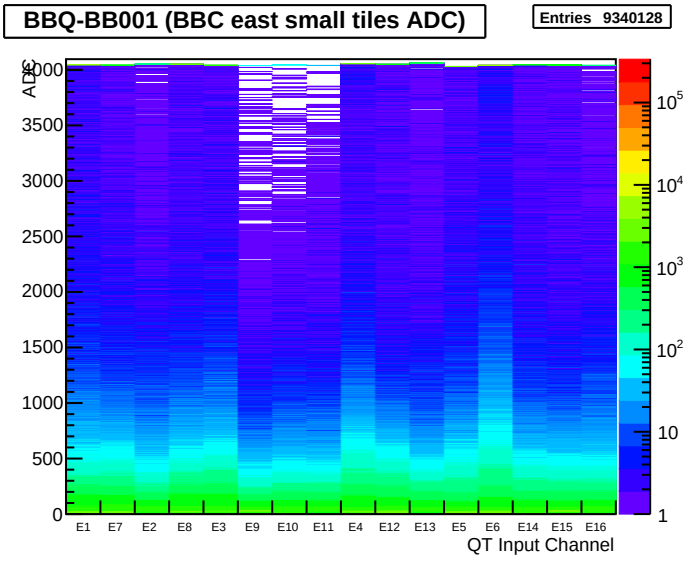

MIX-TF101
Entries 437795
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

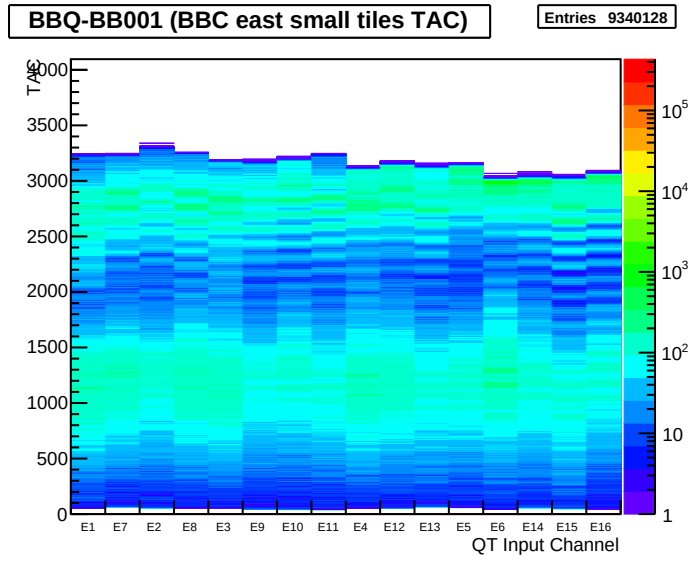

L2-TF201
Entries 583758
TOF total mult

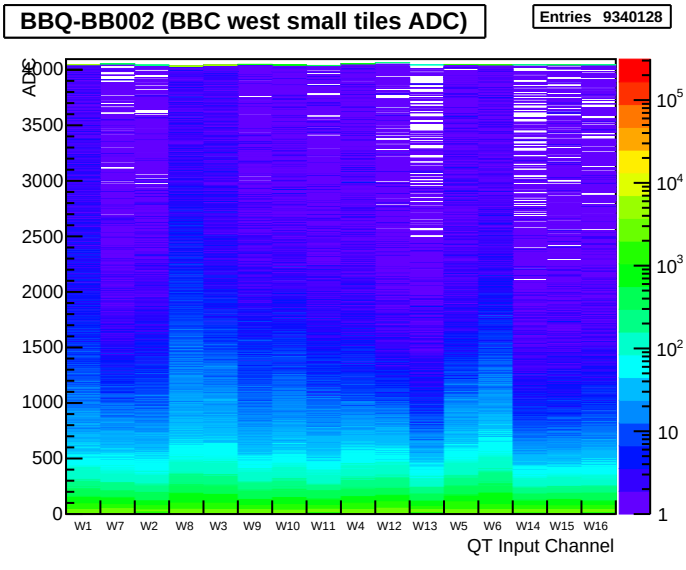

L2-TF201
Entries 0
TOF total mult(Real-Simu)

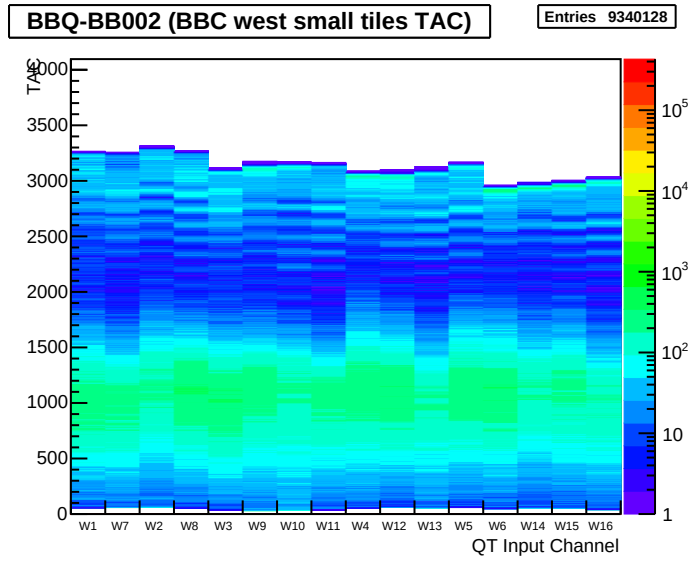

L2-TF201
Entries 4086306
Threshold/UPC bits
508279
512625
507741
513284
508901
506226
553664
75479
71133
76017
70474
74857
77532
30094
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

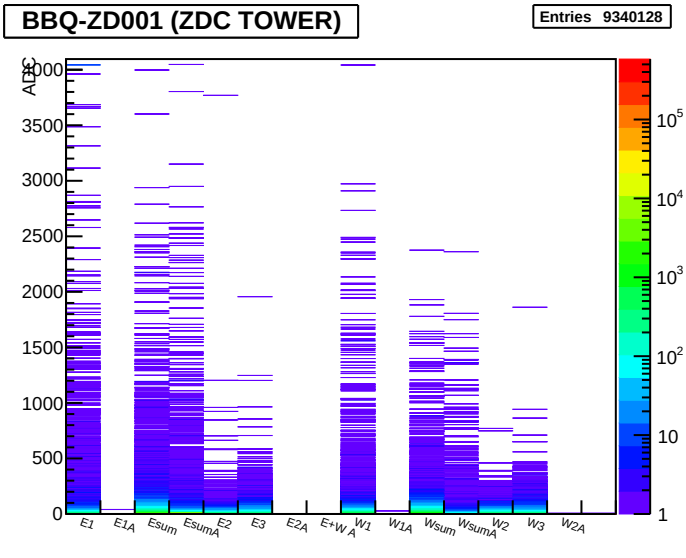

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

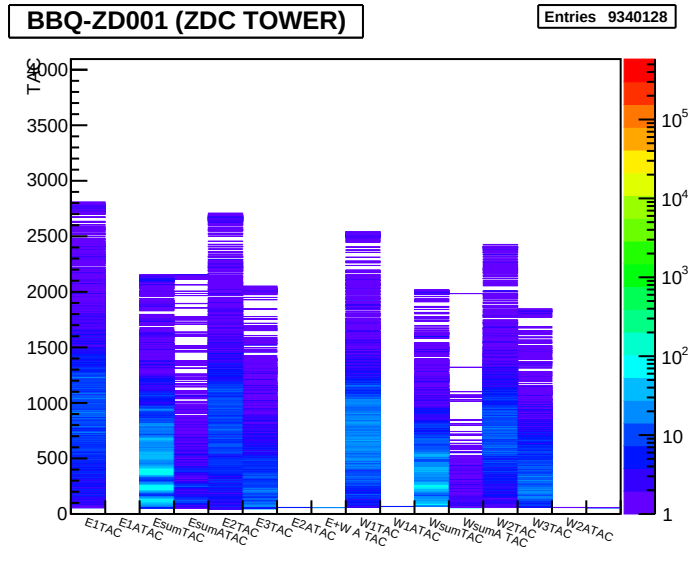

BBQ-BB001 (BBC east small tiles ADC)
Entries 9340128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

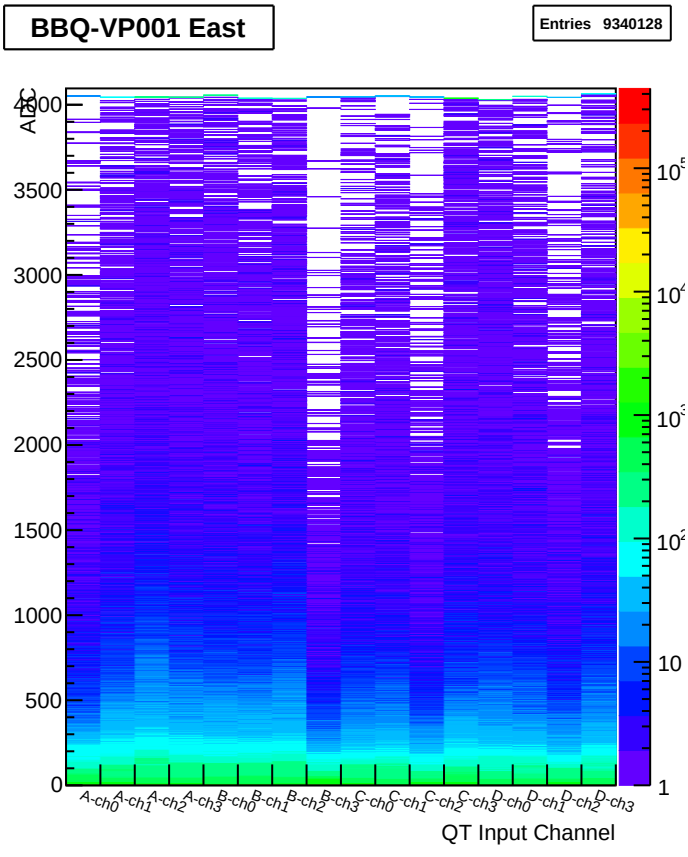

BBQ-BB001 (BBC east small tiles TAC)
Entries 9340128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

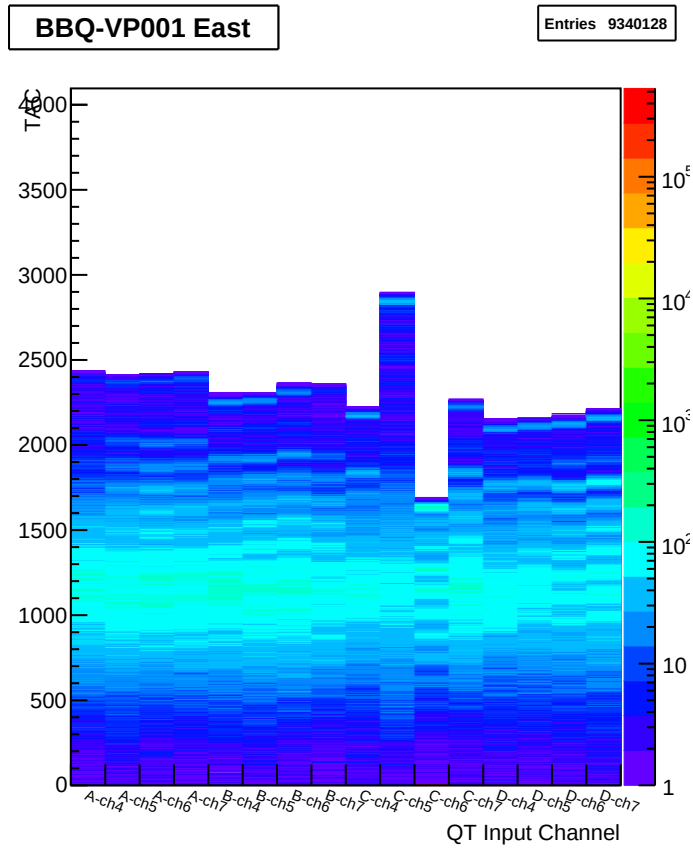

BBQ-BB002 (BBC west small tiles ADC)
Entries 9340128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

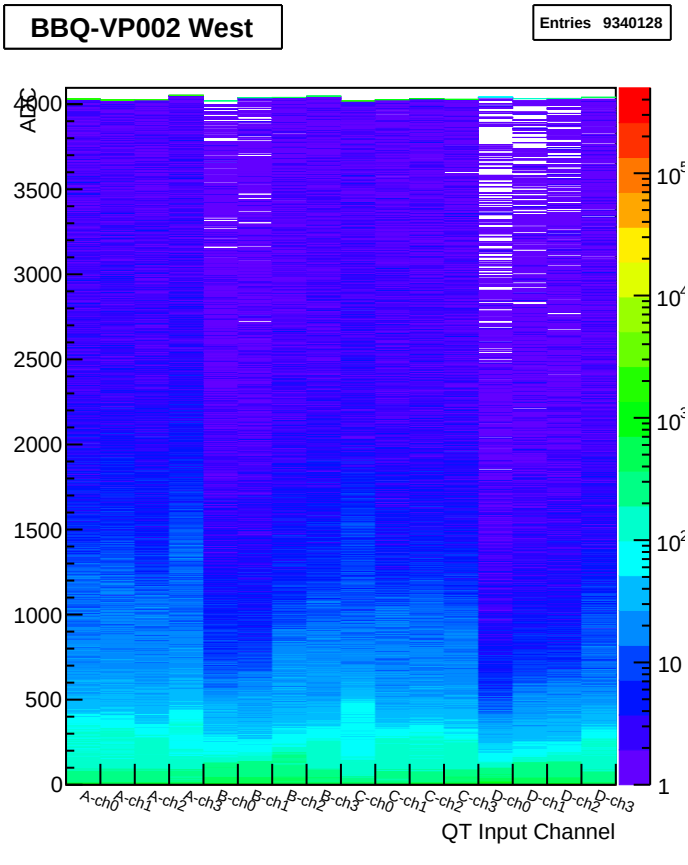

BBQ-BB002 (BBC west small tiles TAC)
Entries 9340128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

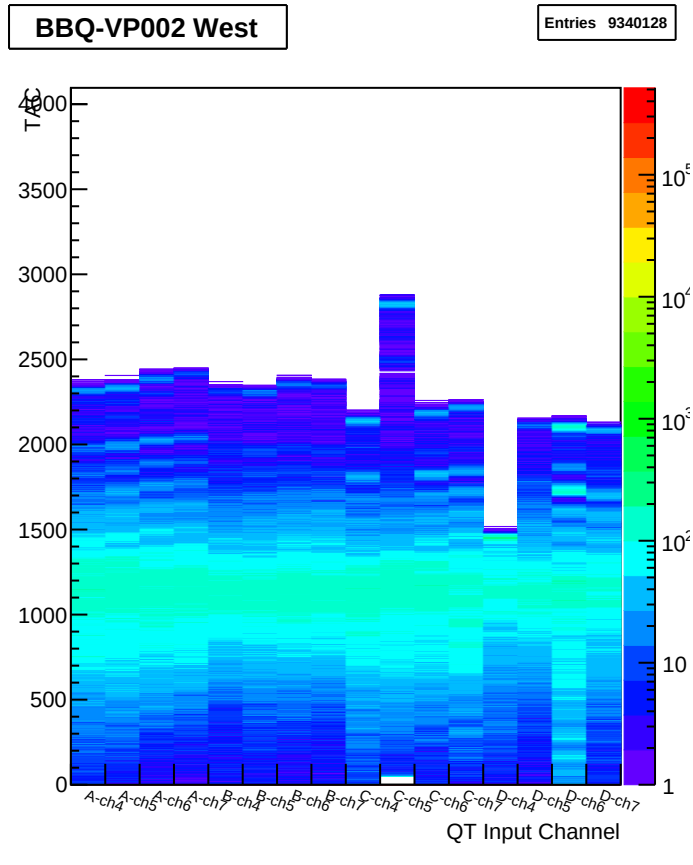

BBQ-ZD001 (ZDC TOWER)
Entries 9340128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

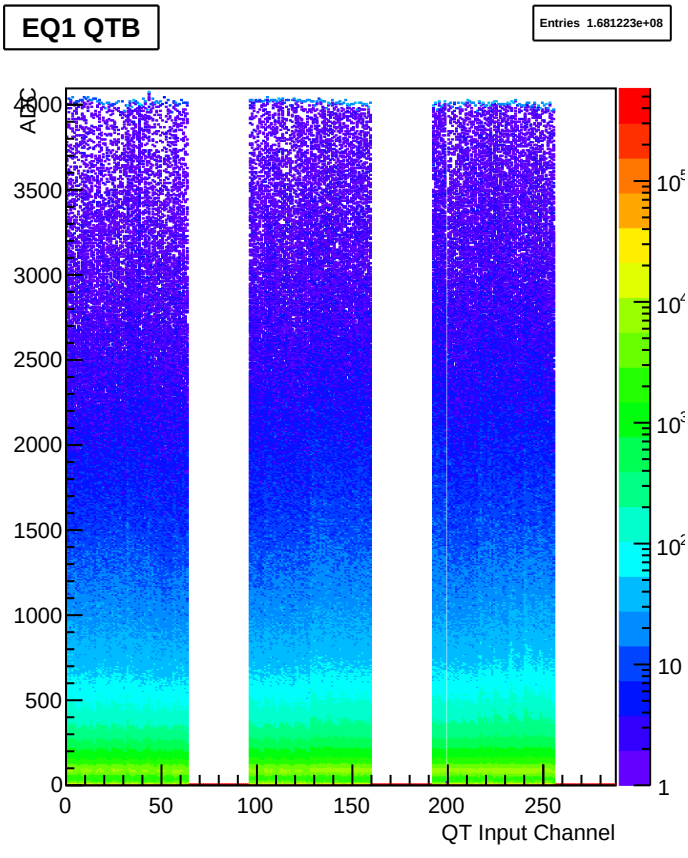

BBQ-ZD001 (ZDC TOWER)
Entries 9340128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

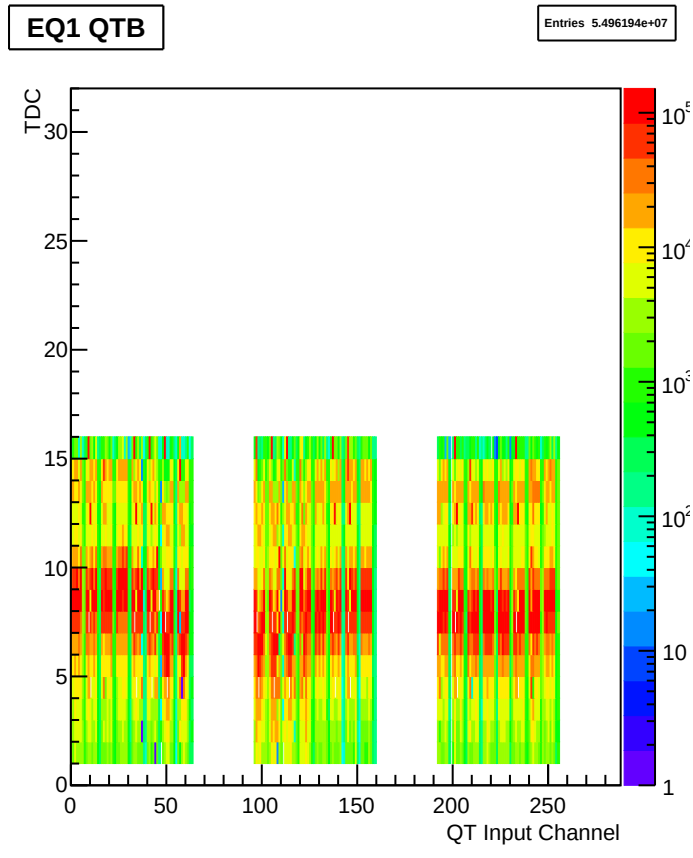

BBQ-VP001 East
Entries 9340128
ADC
QT Input Channel

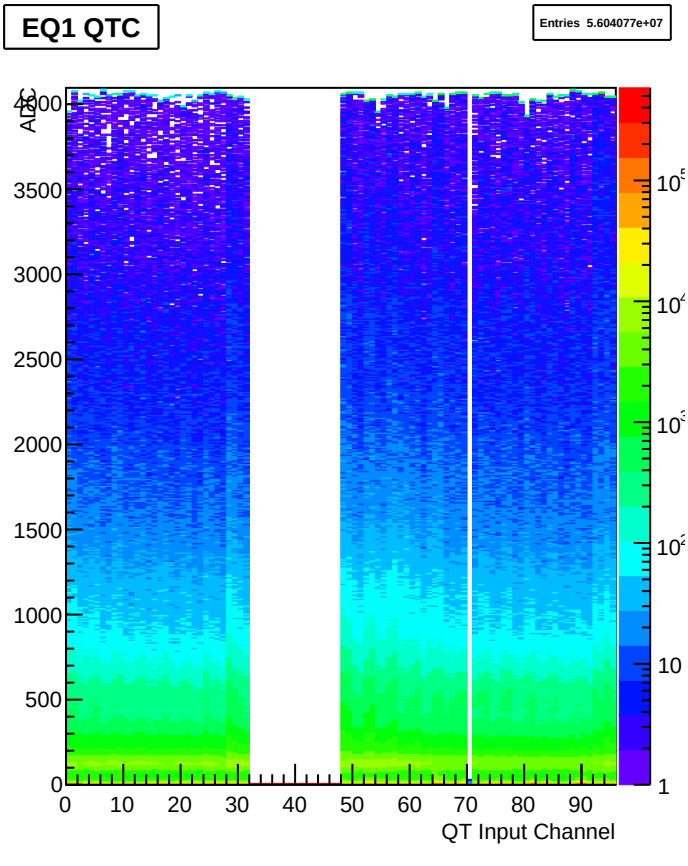

BBQ-VP001 East
Entries 9340128
TADC
QT Input Channel

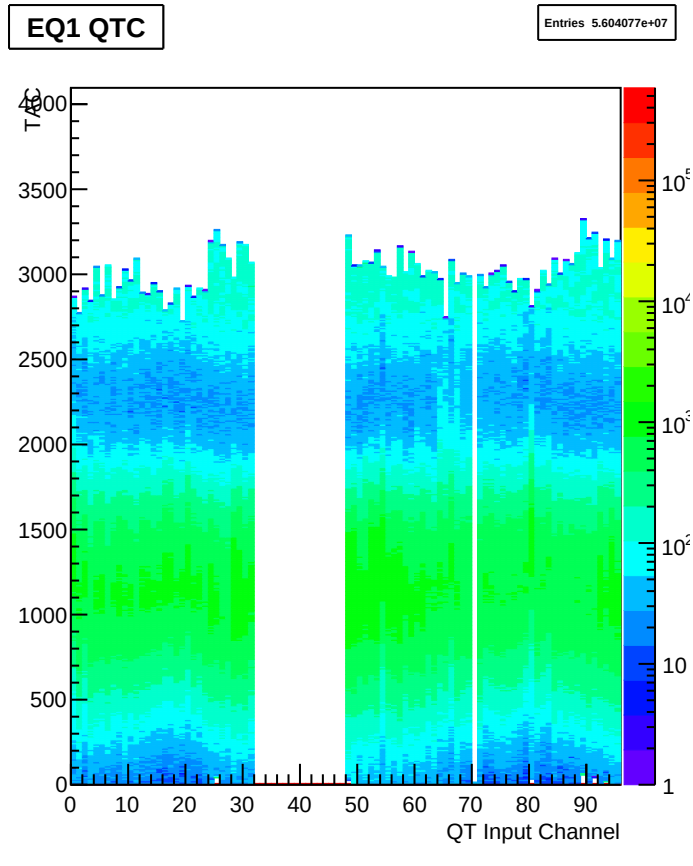

BBQ-VP002 West
Entries 9340128
ADC
QT Input Channel

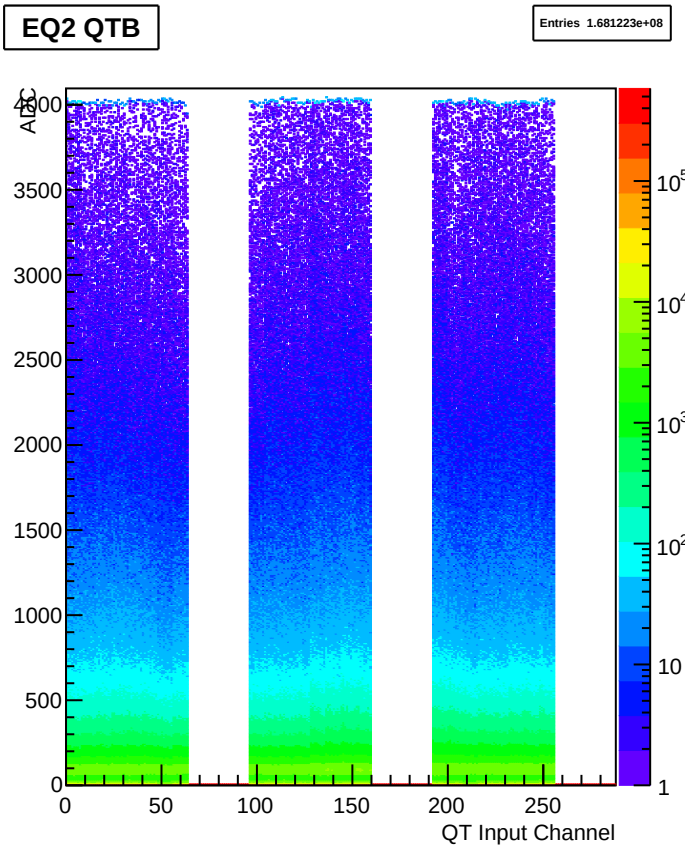

BBQ-VP002 West
Entries 9340128
TADC
QT Input Channel

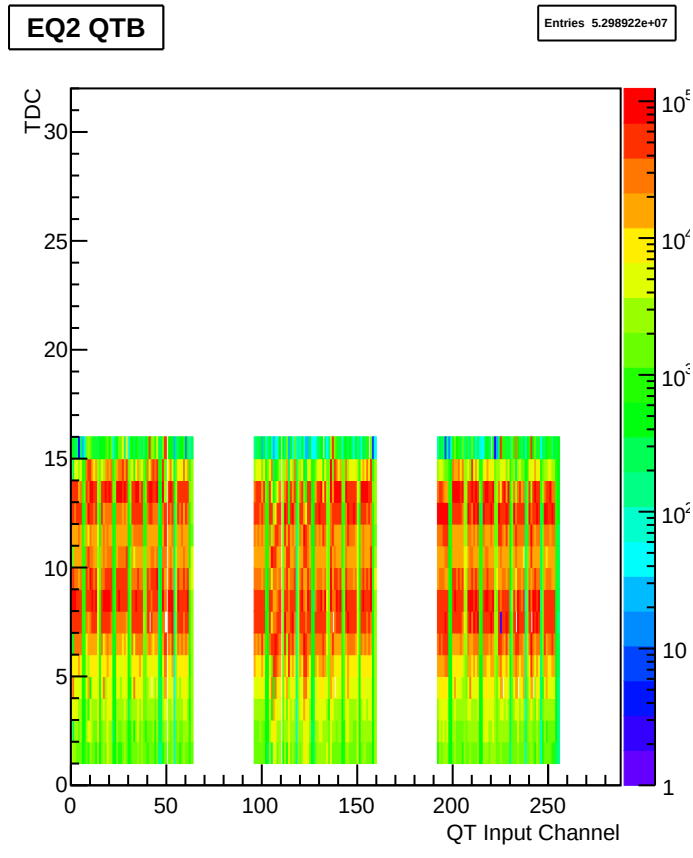

EQ1 QTB
Entries 1.681223e+08
ADC
QT Input Channel

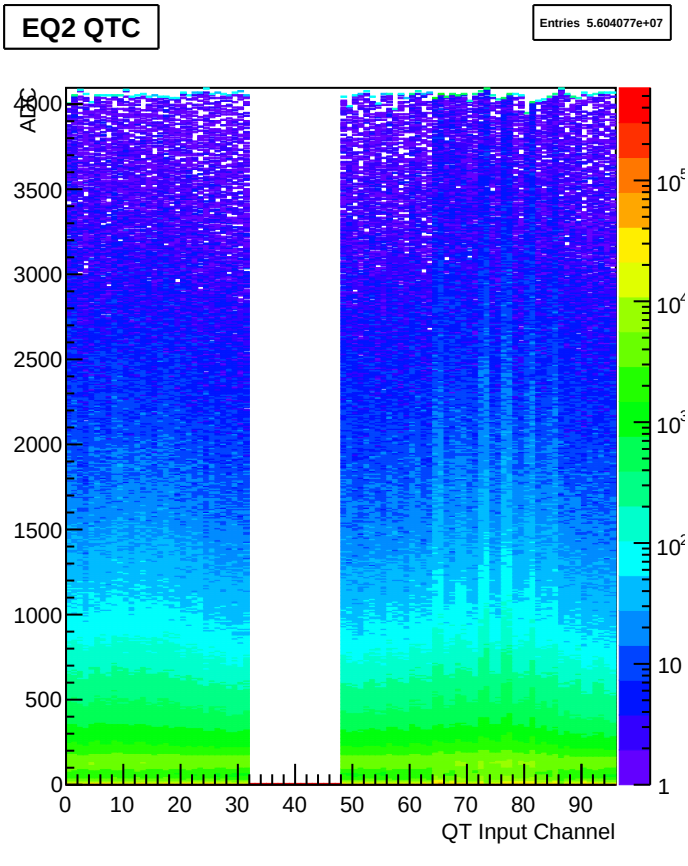

EQ1 QTB
Entries 5.496194e+07
TDC
QT Input Channel

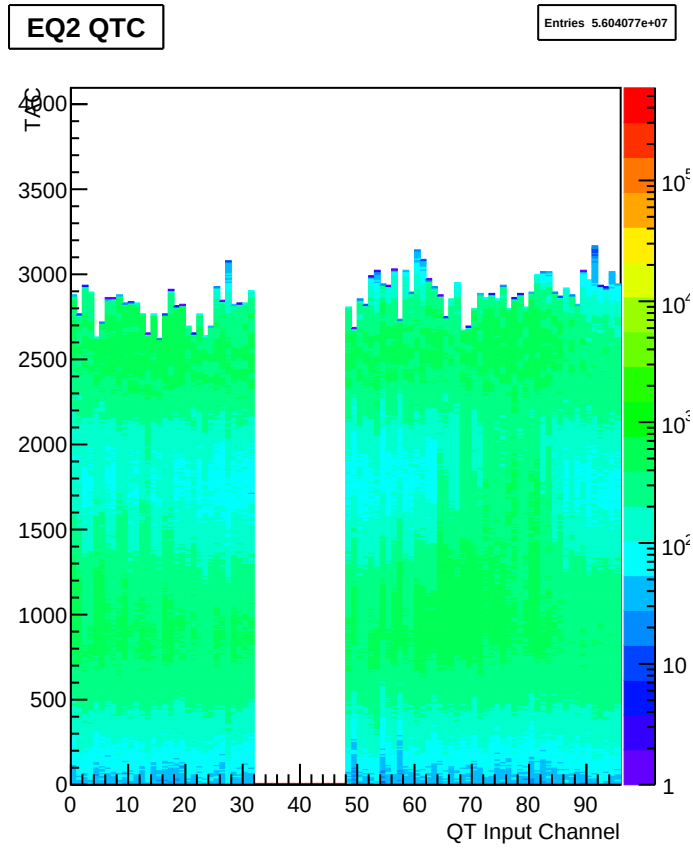

EQ1 QTC
Entries 5.604077e+07
ADC
QT Input Channel

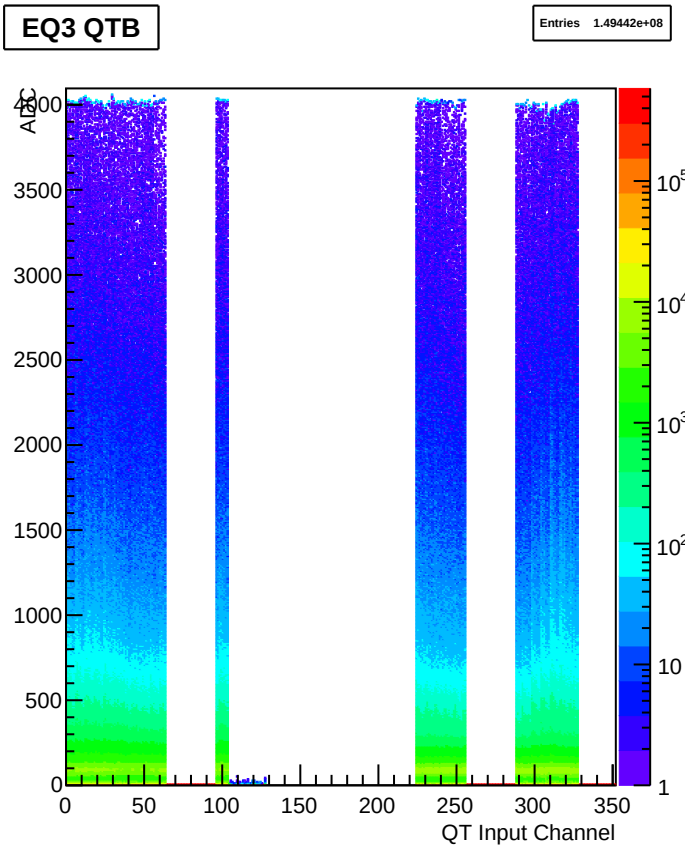

EQ1 QTC
Entries 5.604077e+07
TADC
QT Input Channel

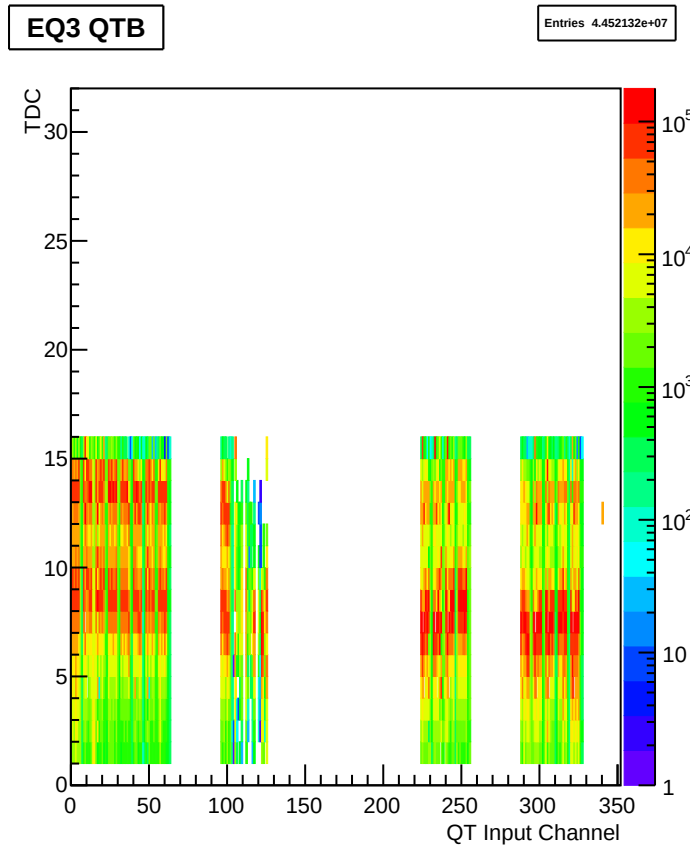

EQ2 QTB
Entries 1.681223e+08
ADC
QT Input Channel

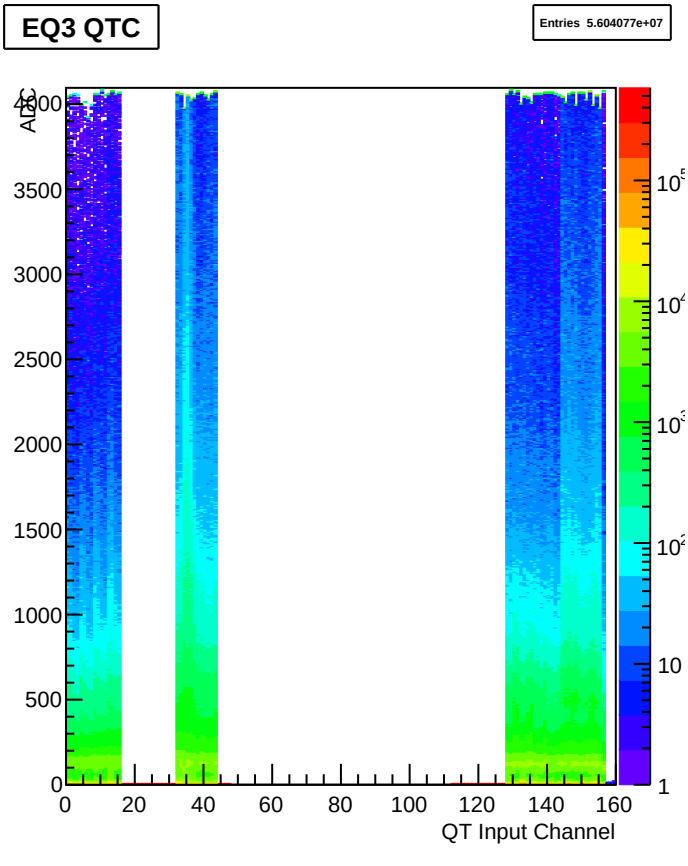

EQ2 QTB
Entries 5.298922e+07
TDC
QT Input Channel

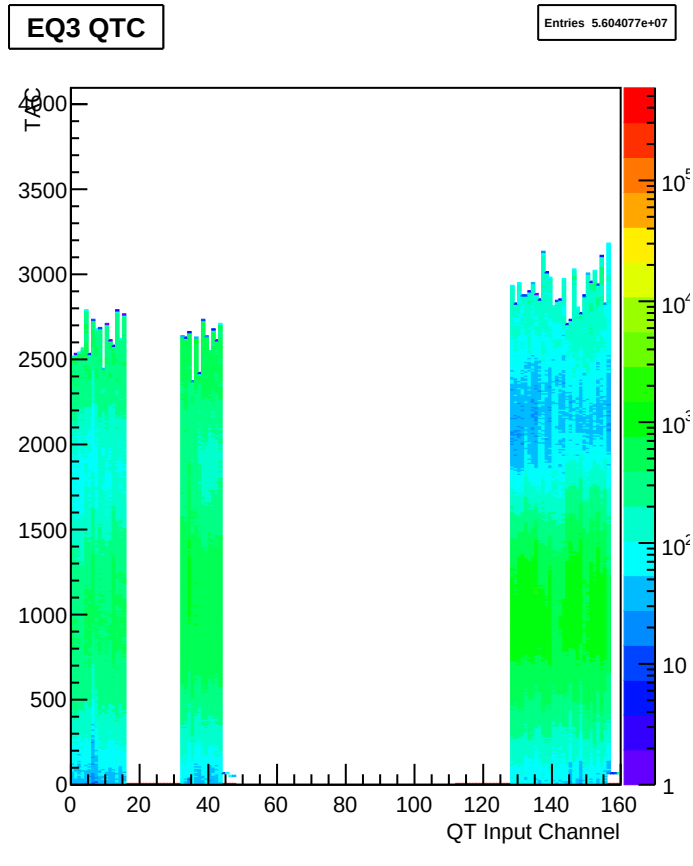

EQ2 QTC
Entries 5.604077e+07
ADC
QT Input Channel

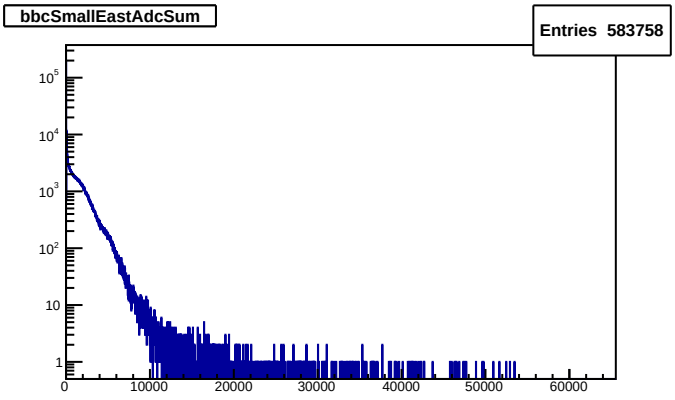

EQ2 QTC
Entries 5.604077e+07
TADC
QT Input Channel

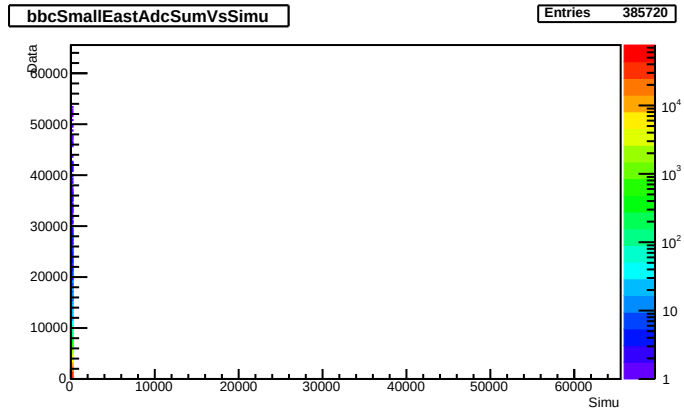

EQ3 QTB
Entries 1.49442e+08
ADC
QT Input Channel

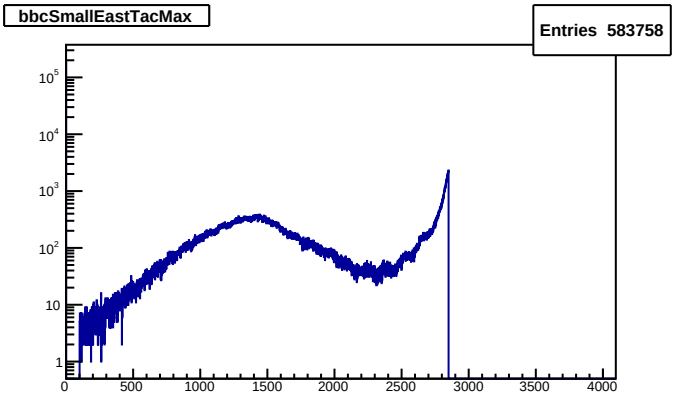

EQ3 QTB
Entries 4.452132e+07
TDC
QT Input Channel

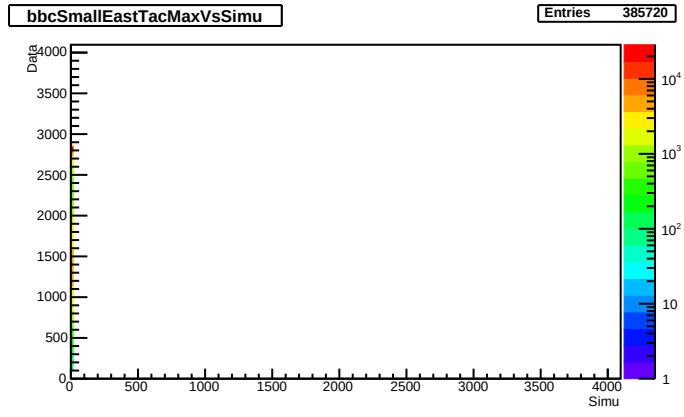

EQ3 QTC
Entries 5.604077e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.604077e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 583758


bbcSmallEastAdcSumVsSimu
Entries 385720
Data
Simu


bbcSmallEastTacMax
Entries 583758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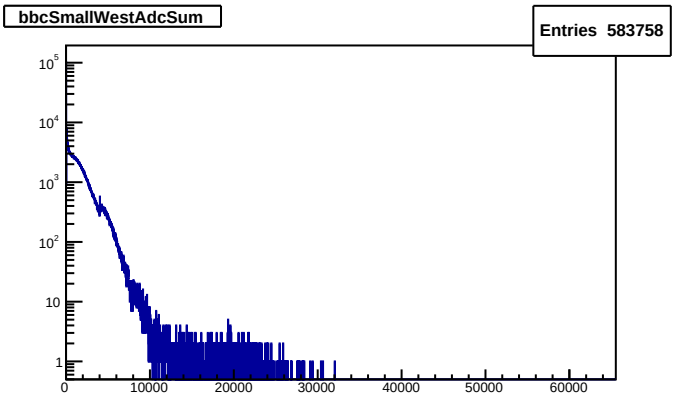
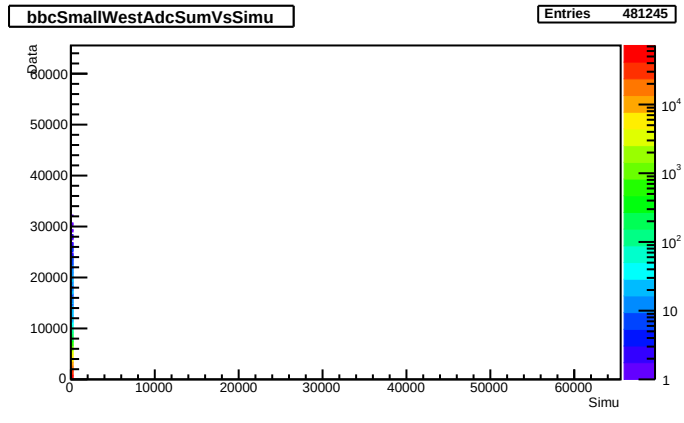

bbcSmallWestAdcSum
Entries 583758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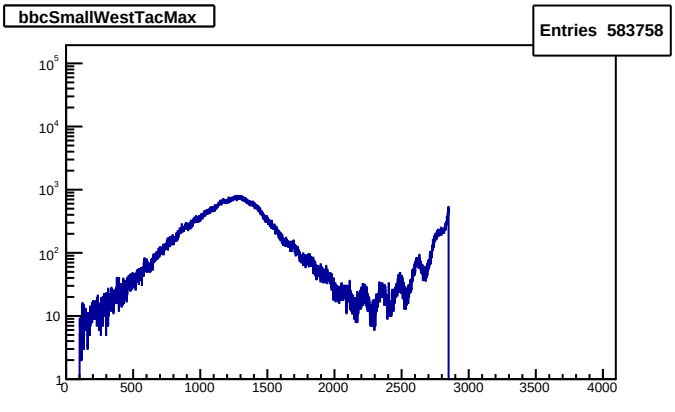
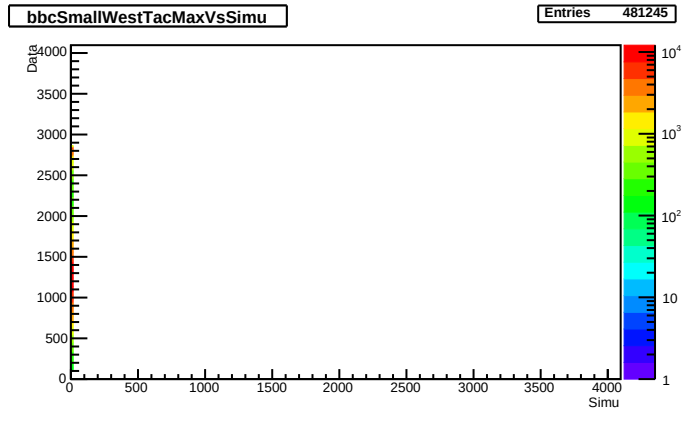
Entries 481245
Data
Simu


bbcSmallWestTacMax
Entries 583758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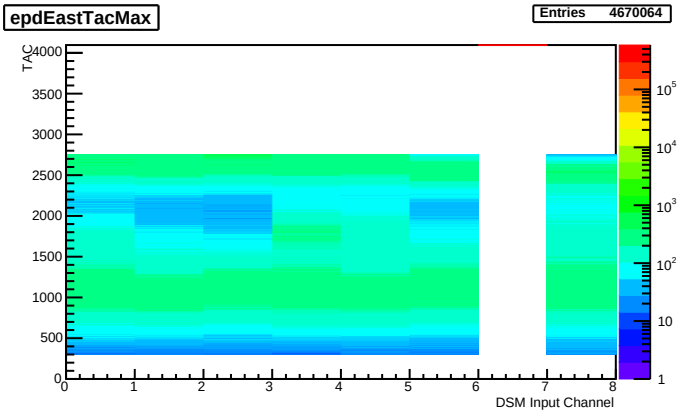
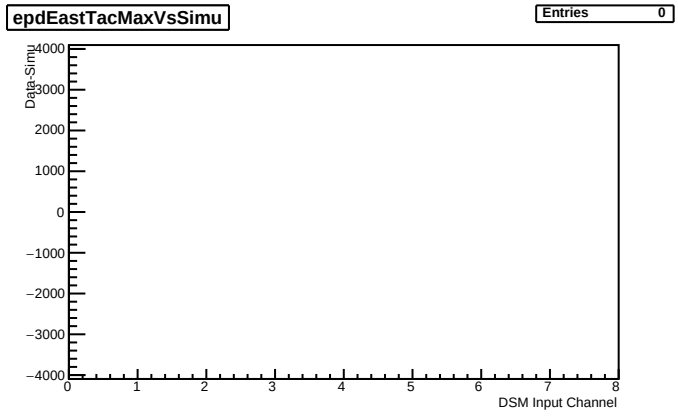
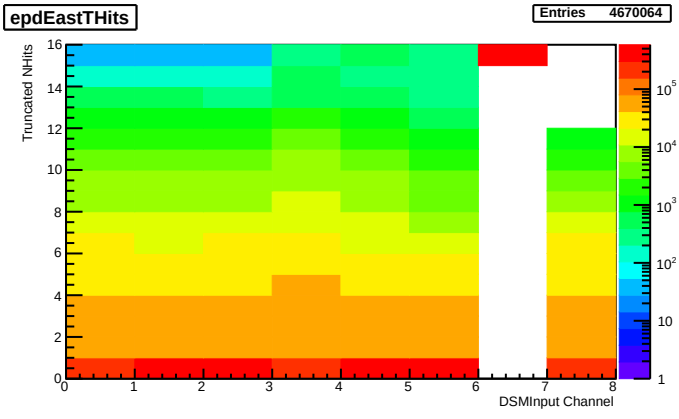
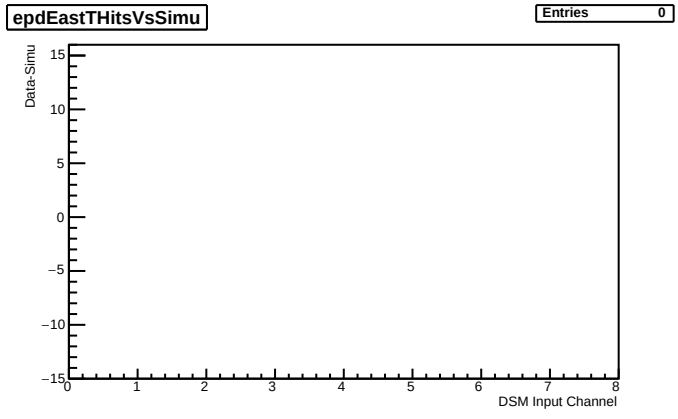
Entries 481245
Data
Simu


epdEastTacMax
Entries 4670064
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4670064
Truncated NHits
DSMInput Channel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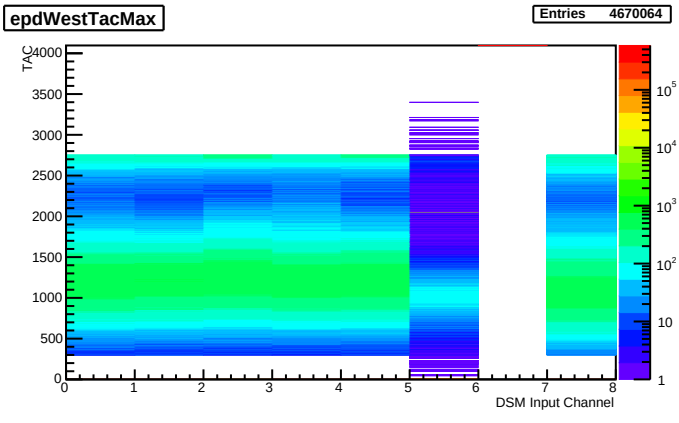
Entries 0
Data-Simu
DSM Input Channel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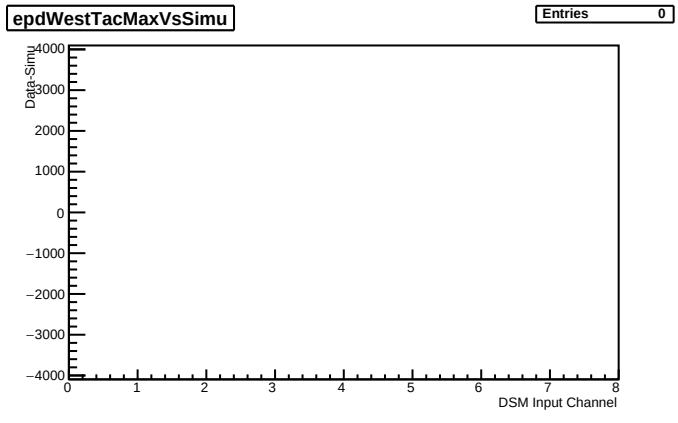
Entries 4670064
TAC
DSM Input Channel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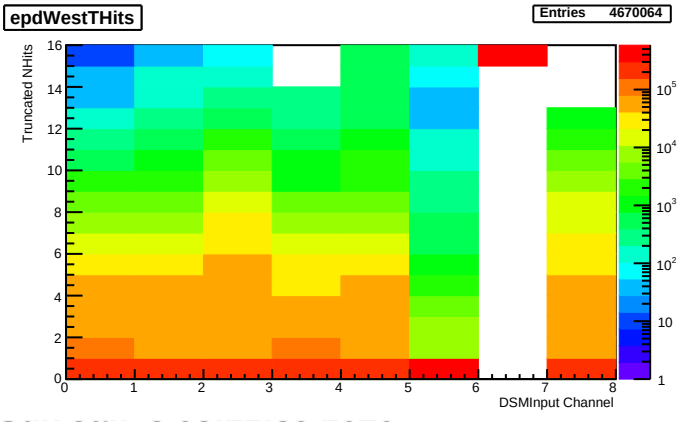
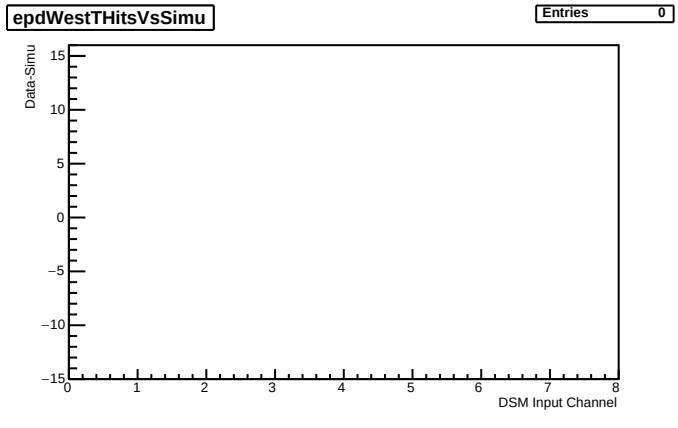
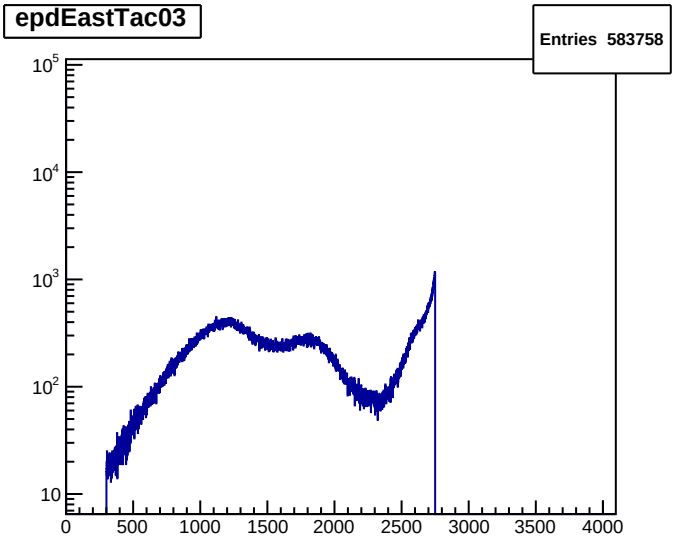
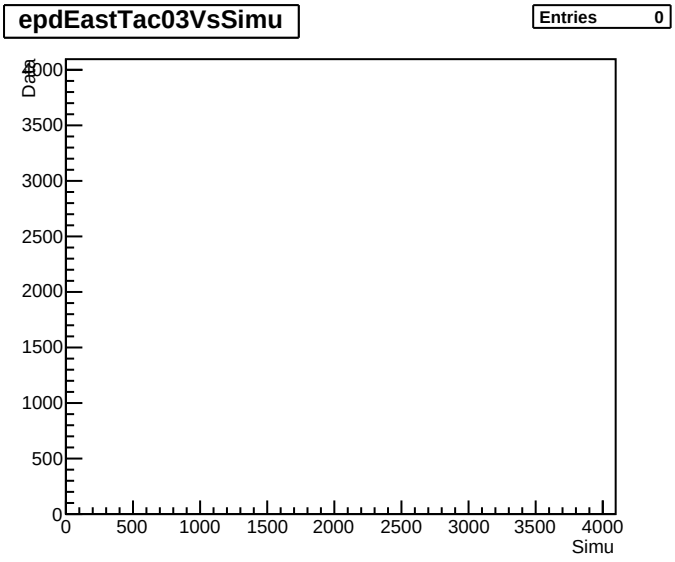
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4670064
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 583758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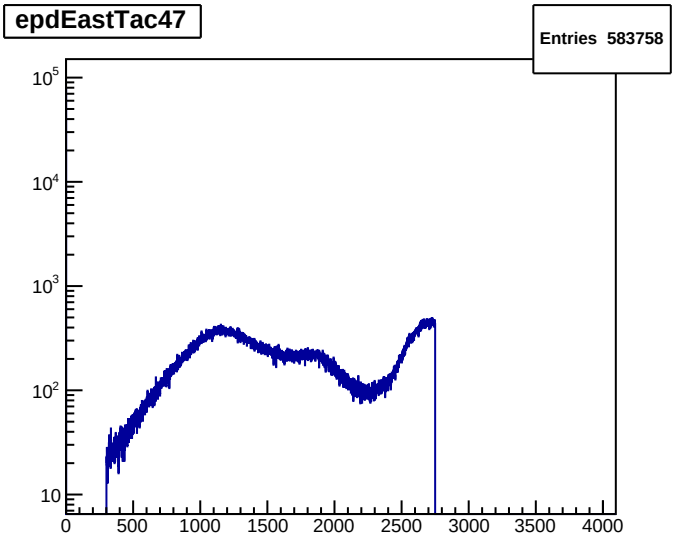
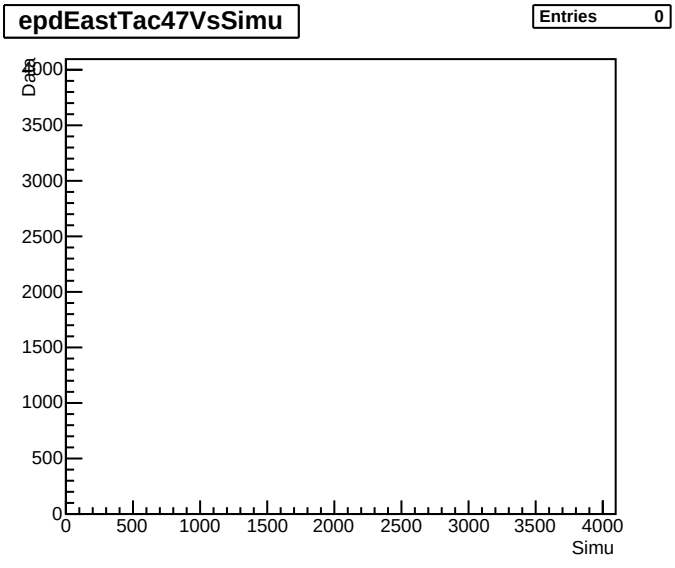
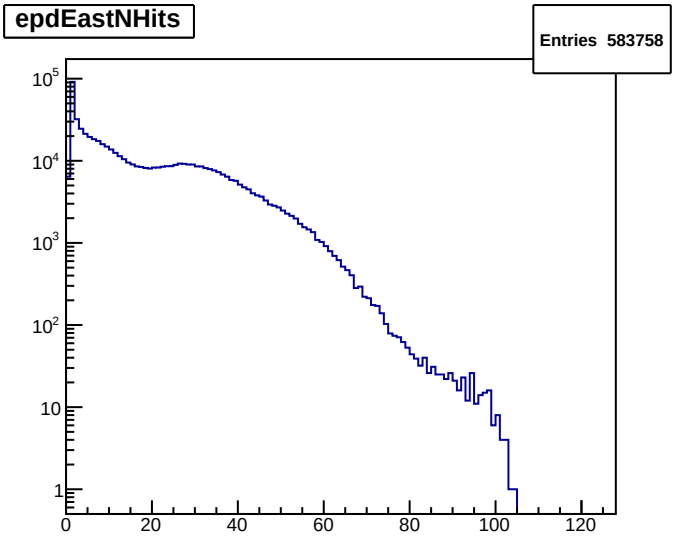
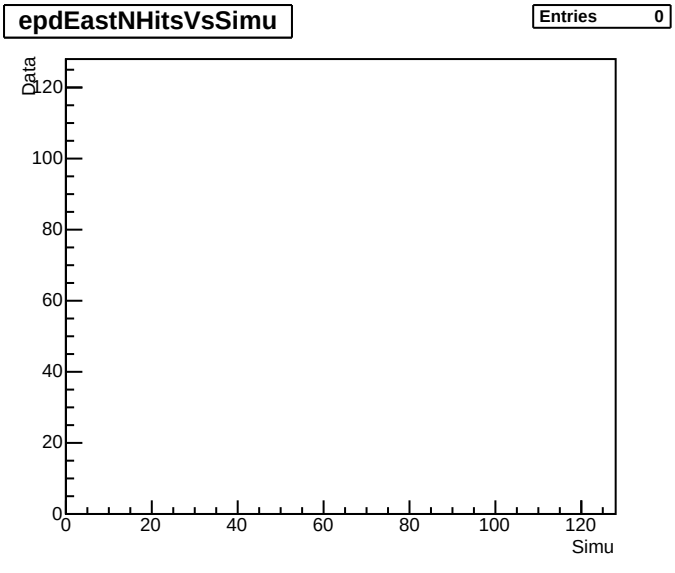
Entries 0
Data
Simu


epdEastTac47
Entries 583758


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 583758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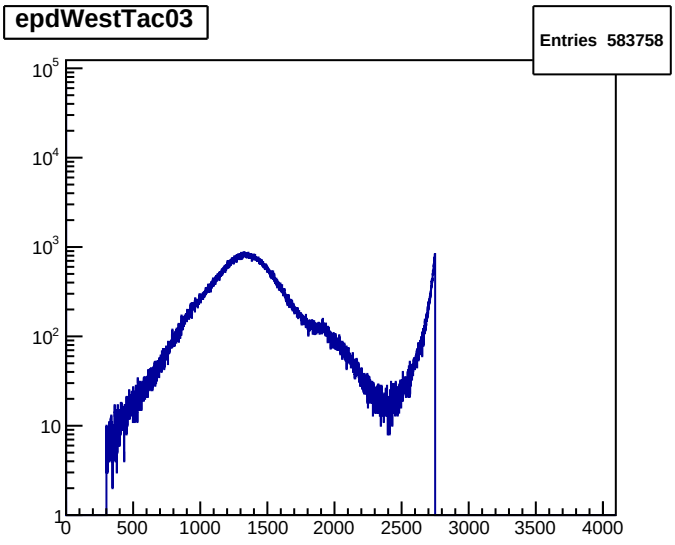
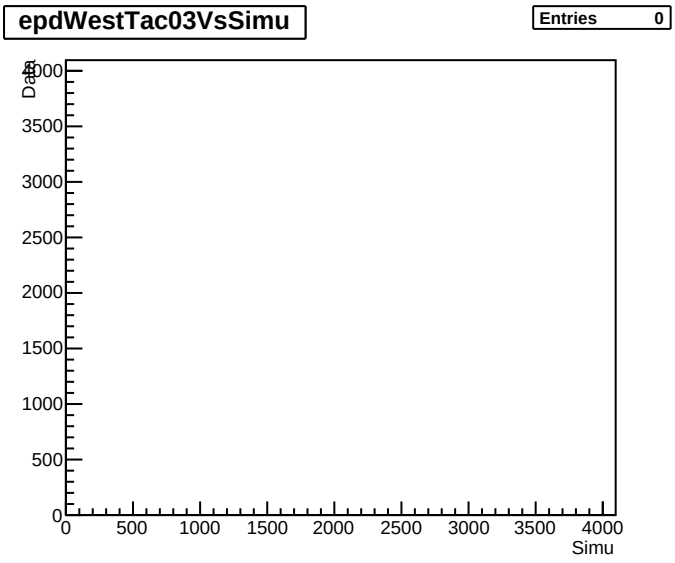
Entries 0
Data
Simu


epdWestTac03
Entries 583758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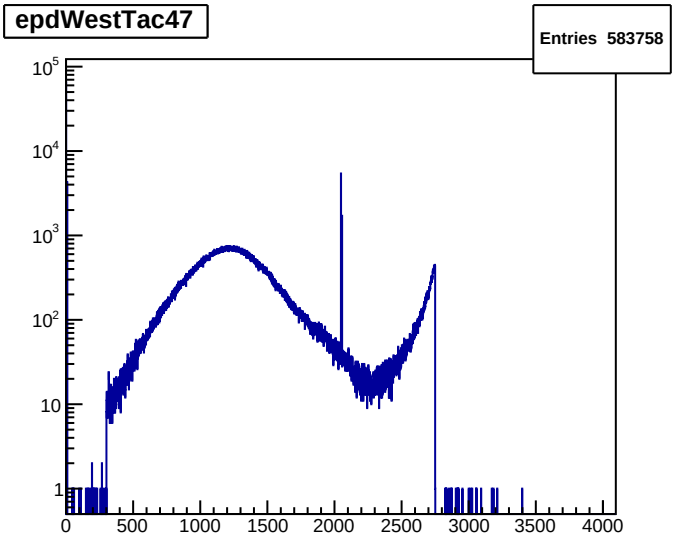
Entries 0
Data
Simu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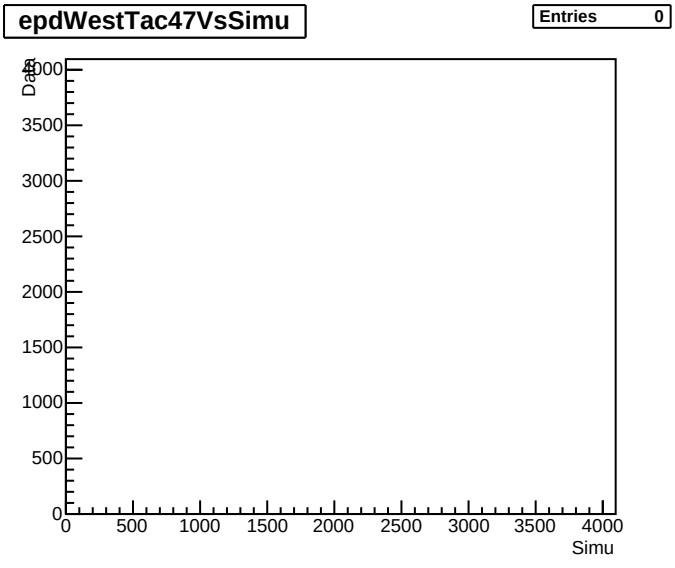
Entries 583758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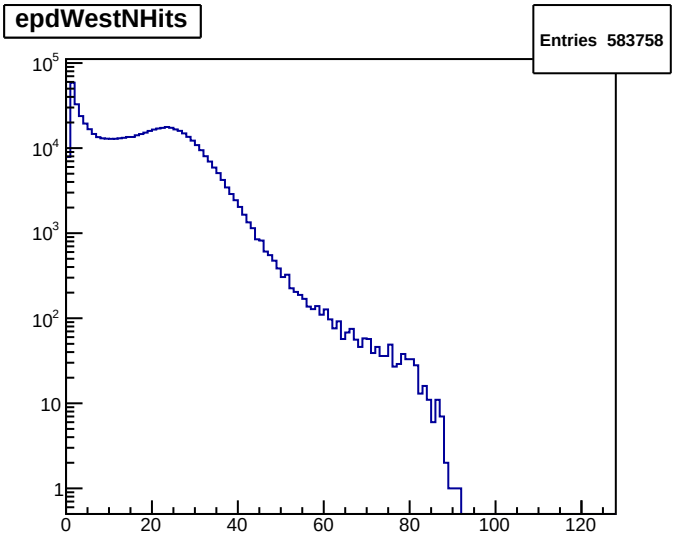
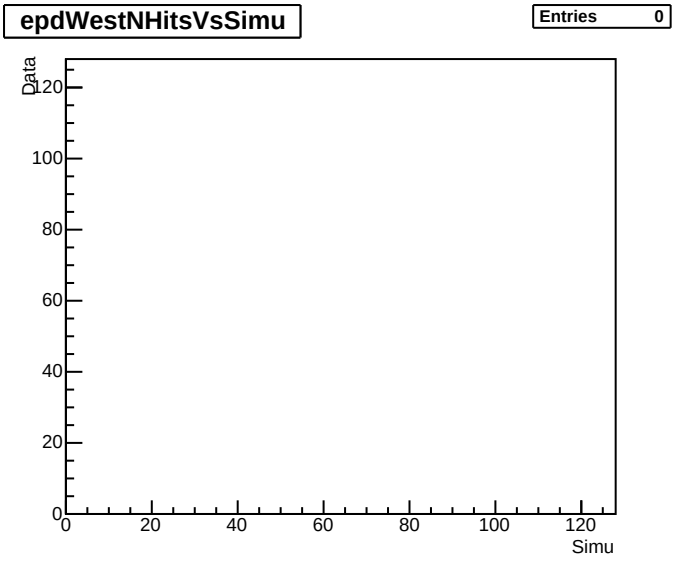
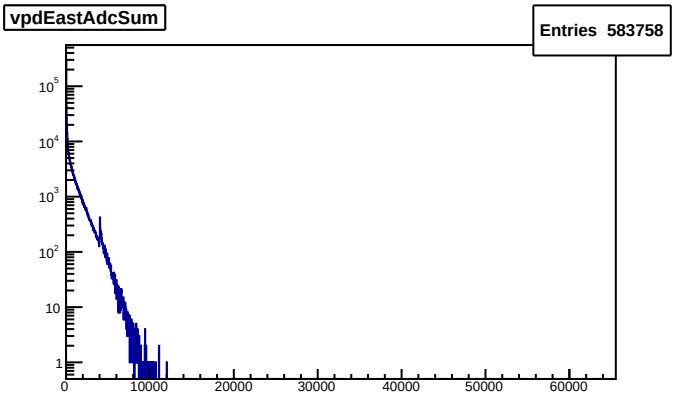
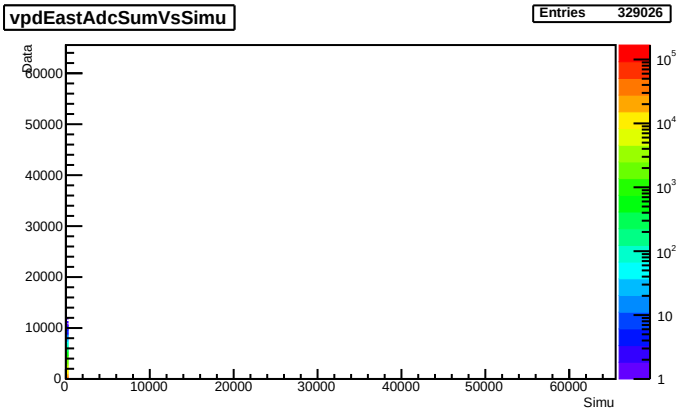
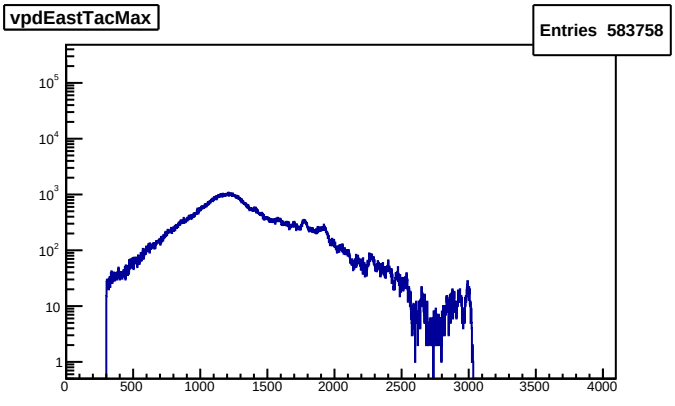
Entries 0
Data
Simu

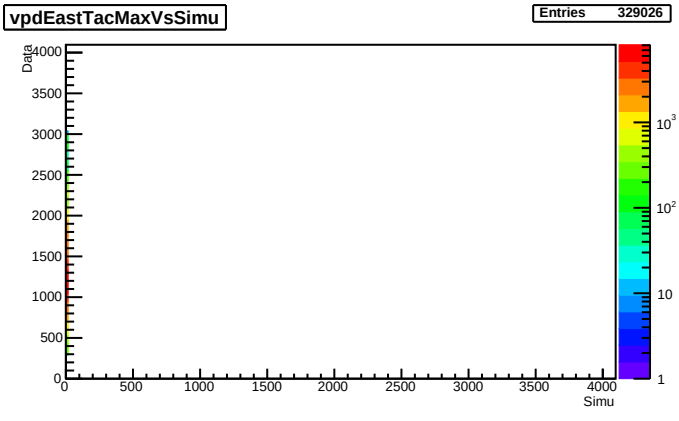

epdWestNHits
Entries 583758


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 583758


vpdEastAdcSumVsSimu
Entries 329026
Data
Simu


vpdEastTacMax
Entries 583758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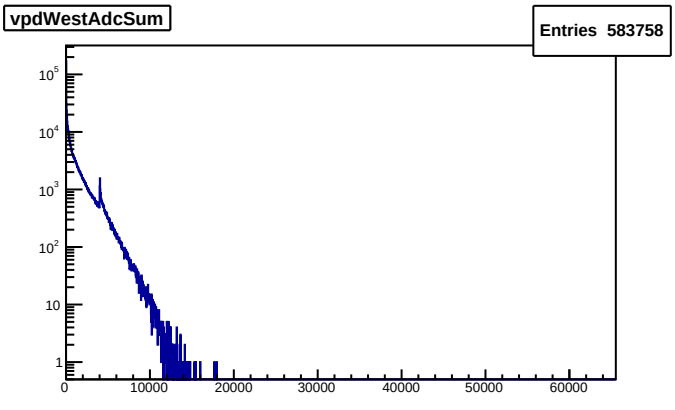
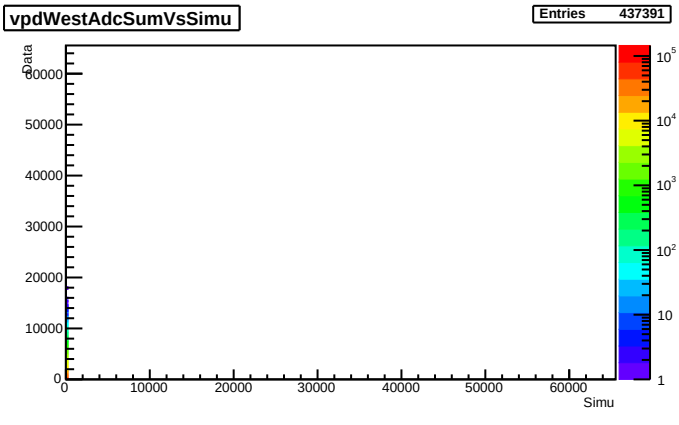
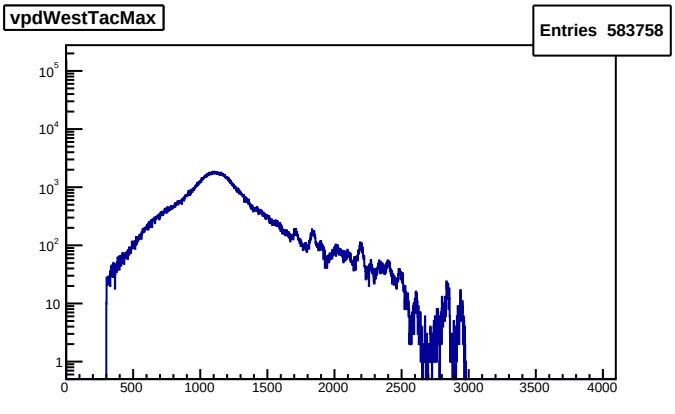
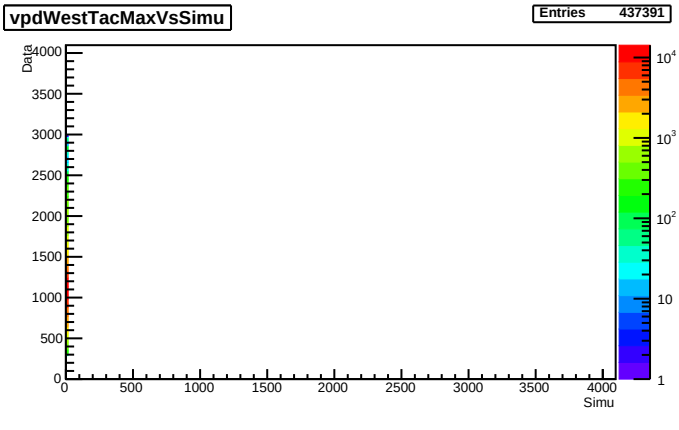
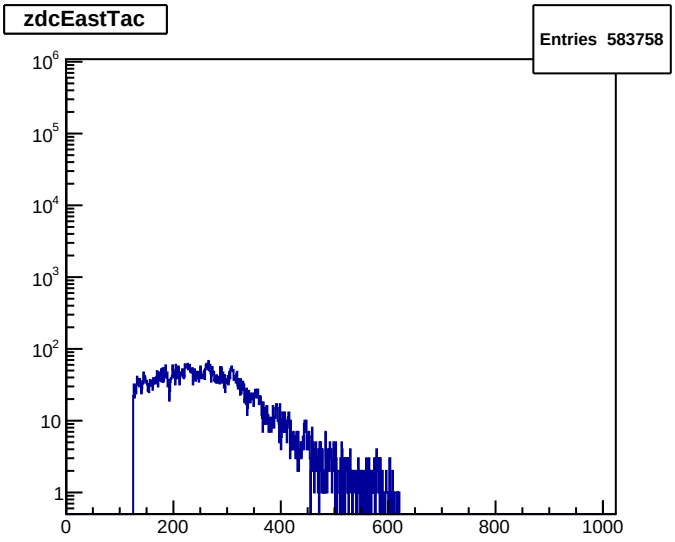
Entries 329026
Data
Simu

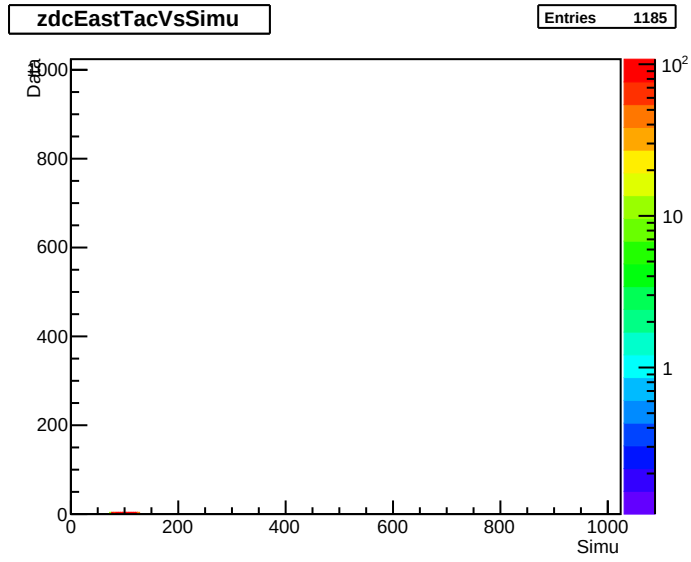

vpdWestAdcSum
Entries 583758

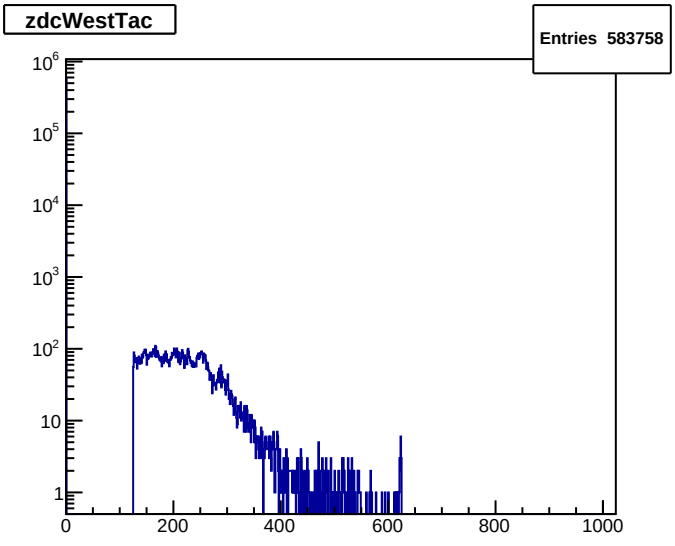

vpdWestAdcSumVsSimu
Entries 437391
Data
Simu

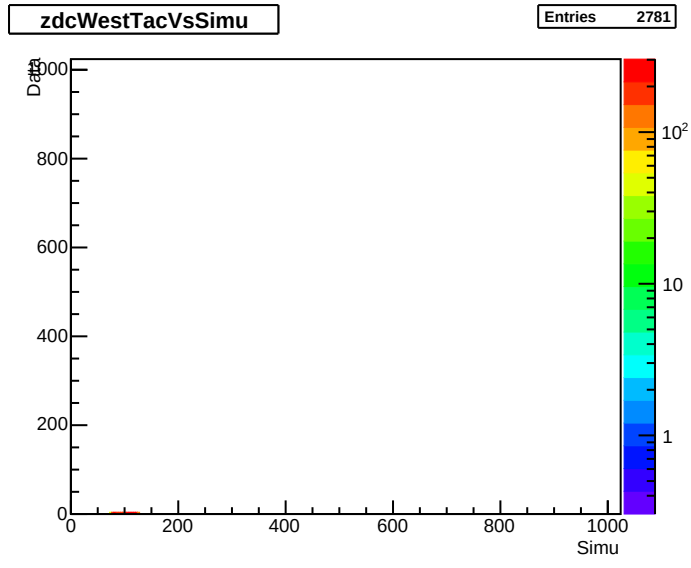

vpdWestTacMax
Entries 583758

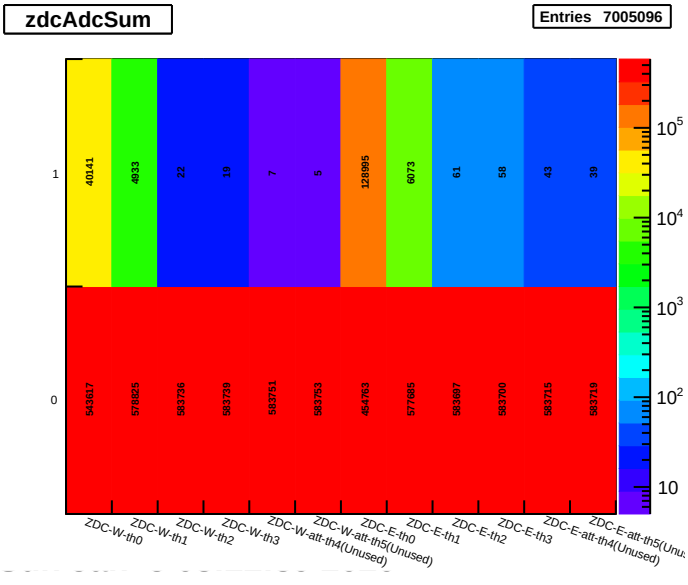

vpdWestTacMaxVsSimu
Entries 437391
Data
Simu

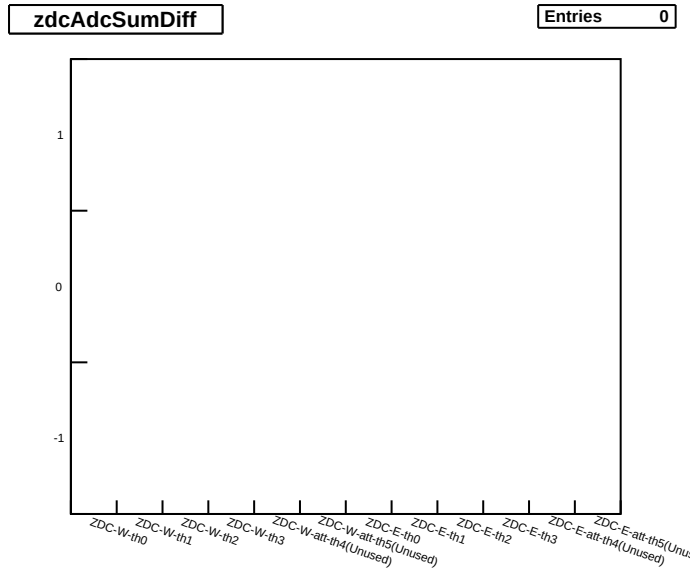

zdcEastTac
Entries 583758

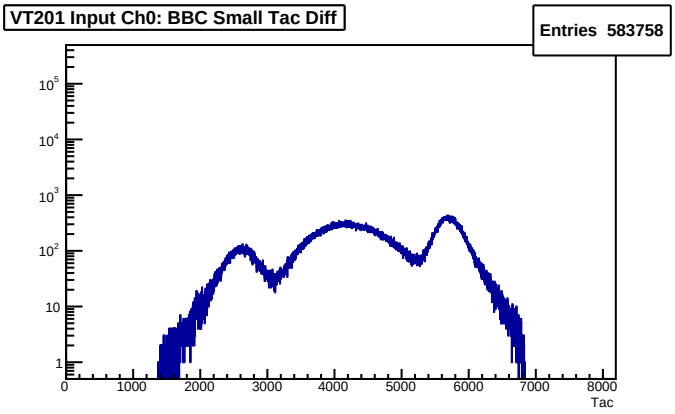

zdcEastTacVsSimu
Entries 1185
Data
Simu

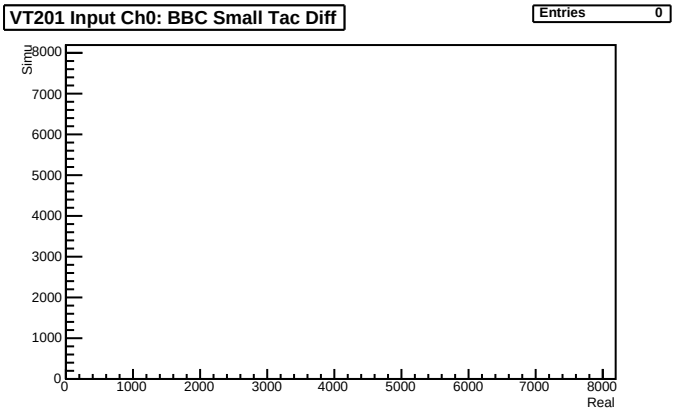

zdcWestTac
Entries 583758

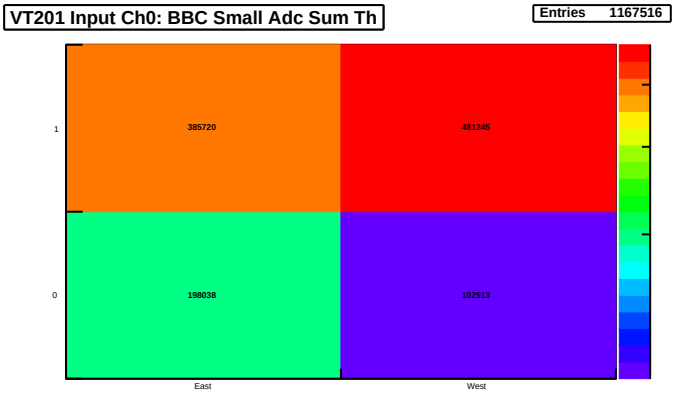

zdcWestTacVsSimu
Entries 2781
Data
Simu

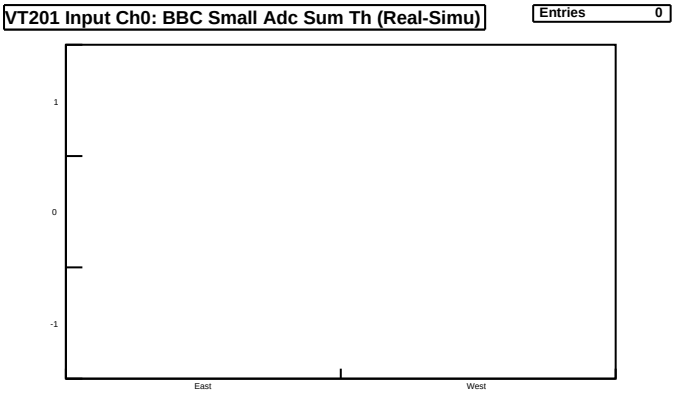

zdcAdcSum
Entries 7005096
40141
4933
22
19
7
5
128995
6073
61
58
43
39
543617
578825
583736
583739
583751
583753
454763
577685
583697
583700
583715
583719
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

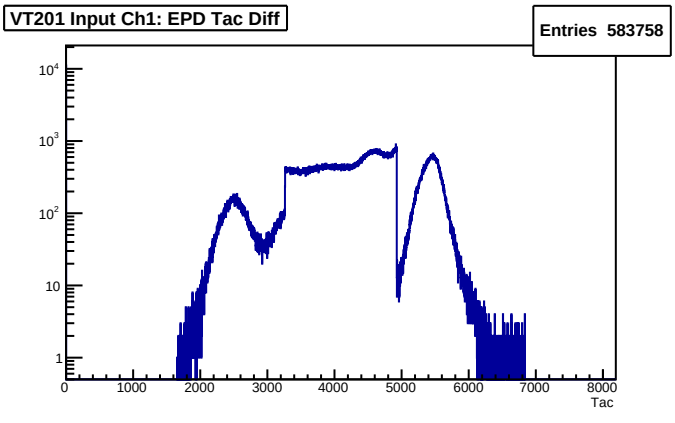

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

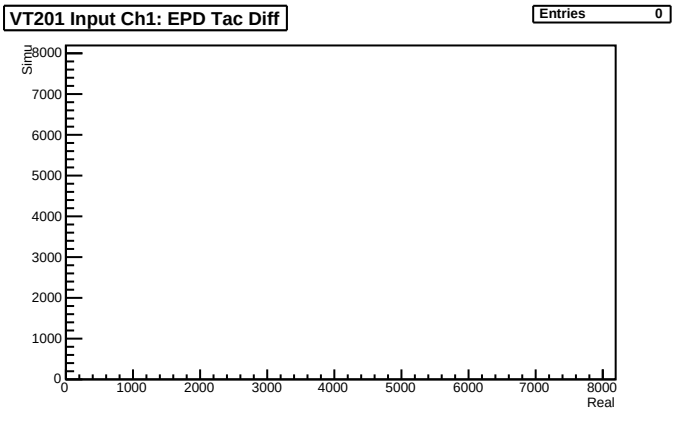

VT201 Input Ch0: BBC Small Tac Diff
Entries 583758
Tac

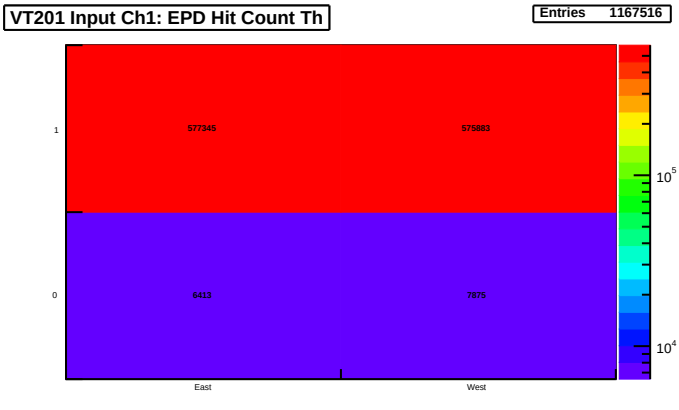

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

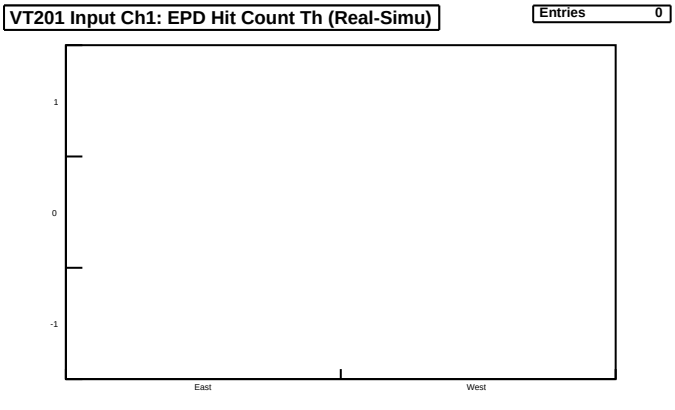

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1167516
385720
481245
198038
102513
East
West

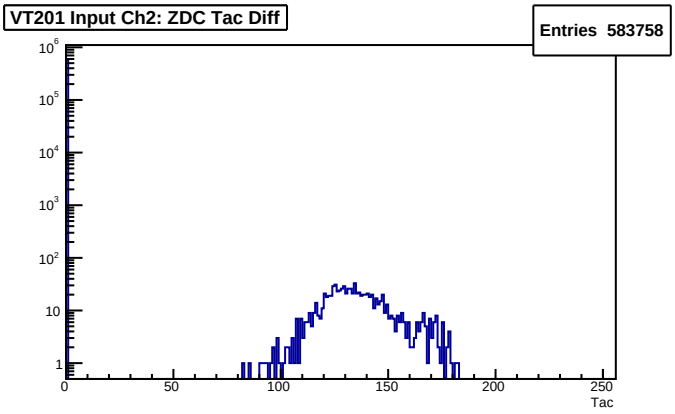

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

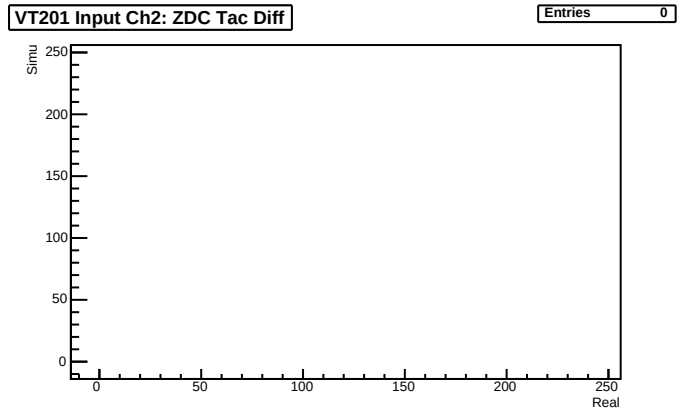

VT201 Input Ch1: EPD Tac Diff
Entries 583758
Tac

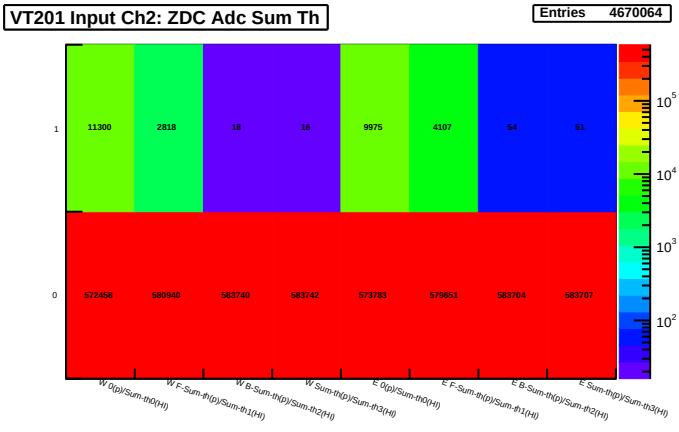

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

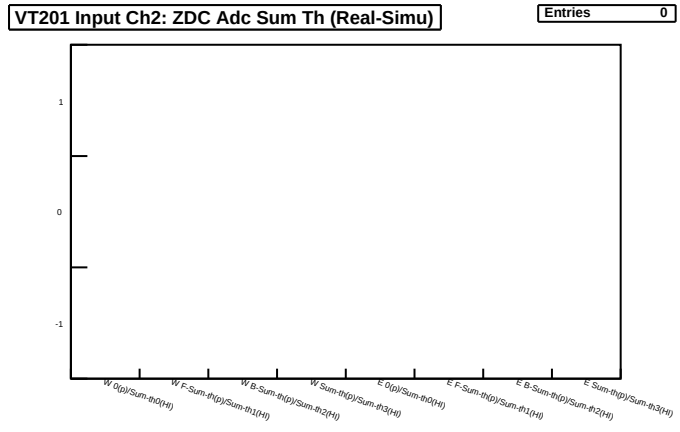

VT201 Input Ch1: EPD Hit Count Th
Entries 1167516
577345
575883
6413
7875
East
West

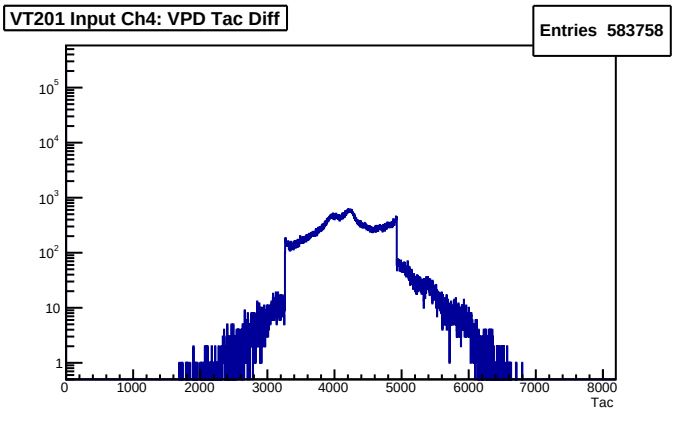

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

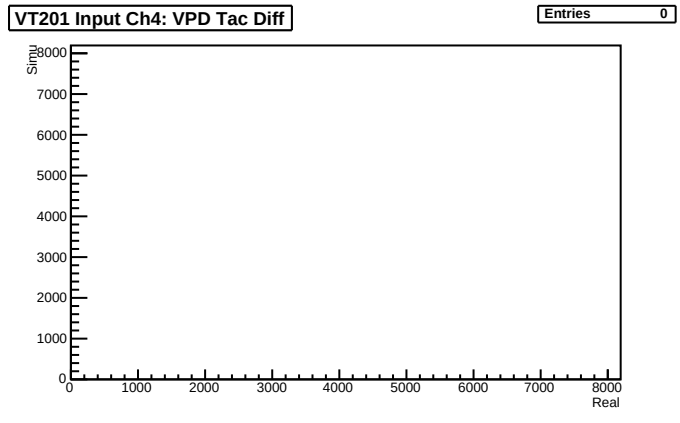

VT201 Input Ch2: ZDC Tac Diff
Entries 583758
Tac

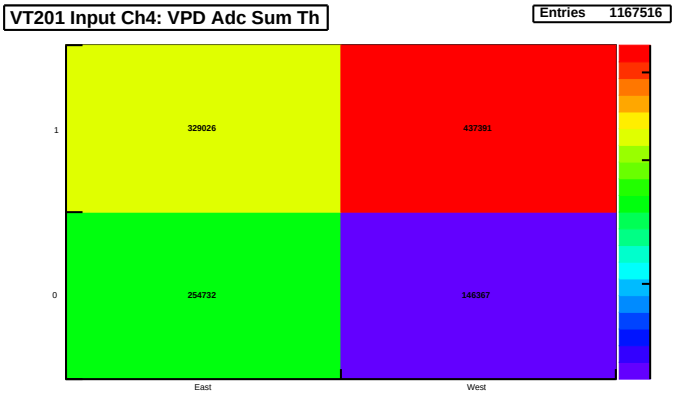

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

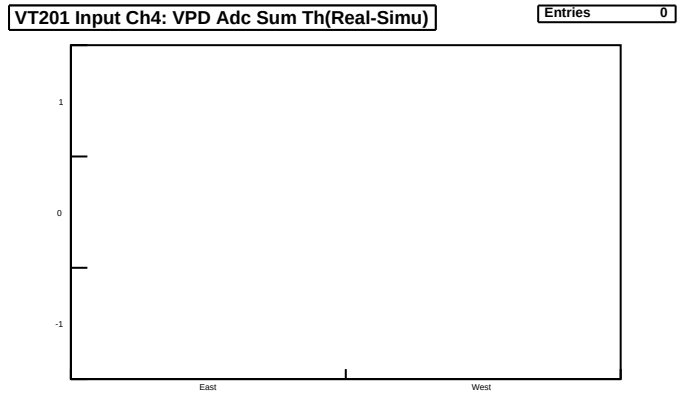

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4670064
11300
2818
18
16
9975
4107
54
51
572458
580940
583740
583742
573783
579651
583704
583707
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

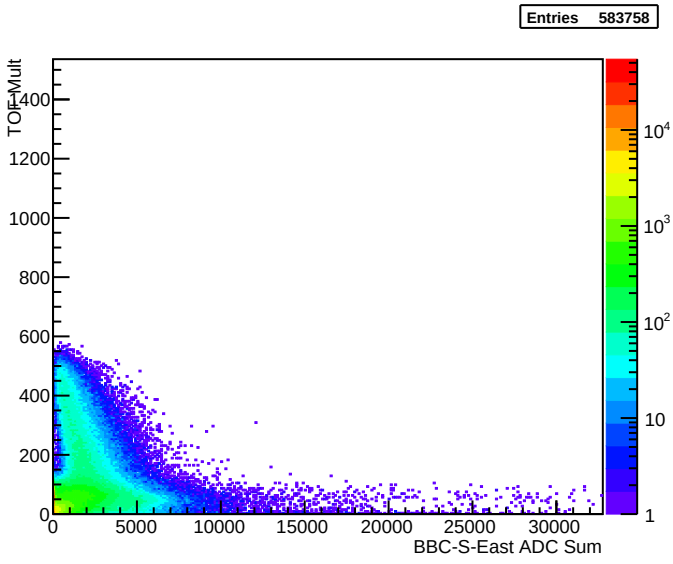

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

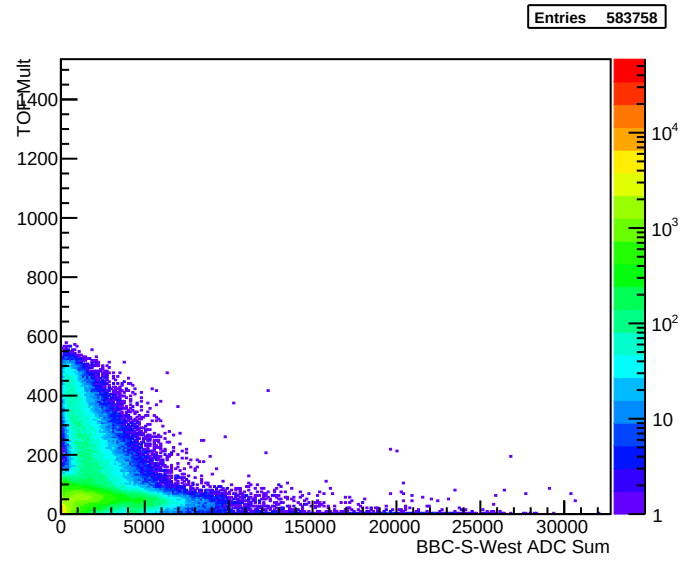

VT201 Input Ch4: VPD Tac Diff
Entries 583758
Tac

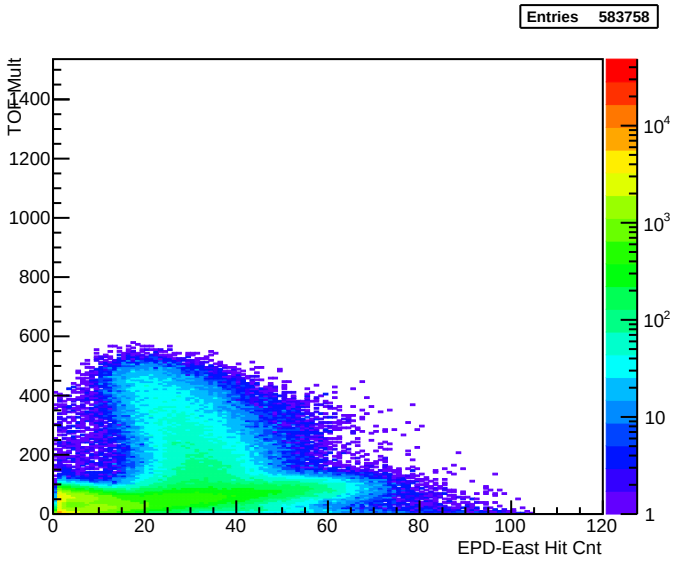

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

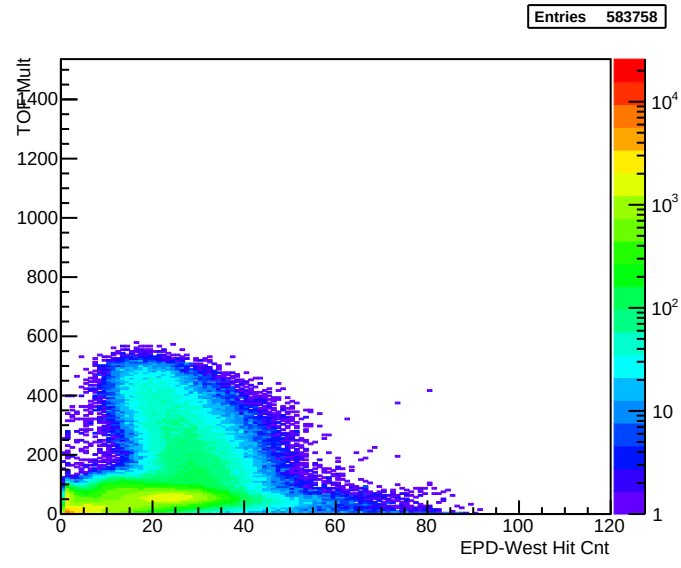

VT201 Input Ch4: VPD Adc Sum Th
Entries 1167516
329026
437391
254732
146367
East
West

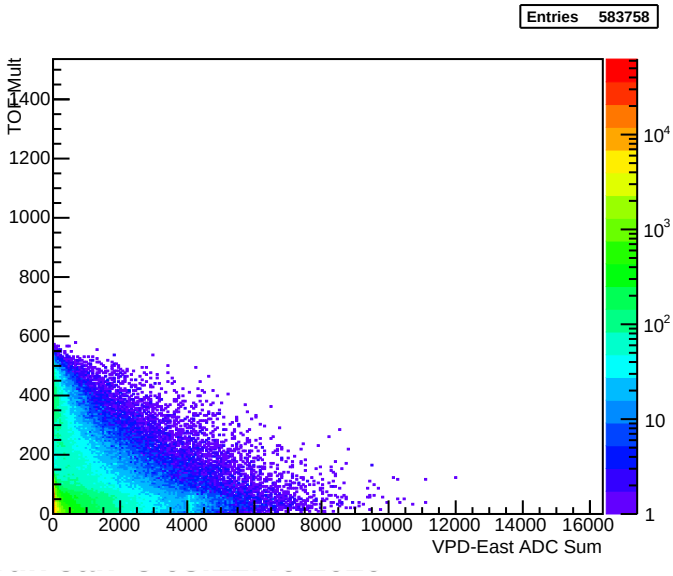

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

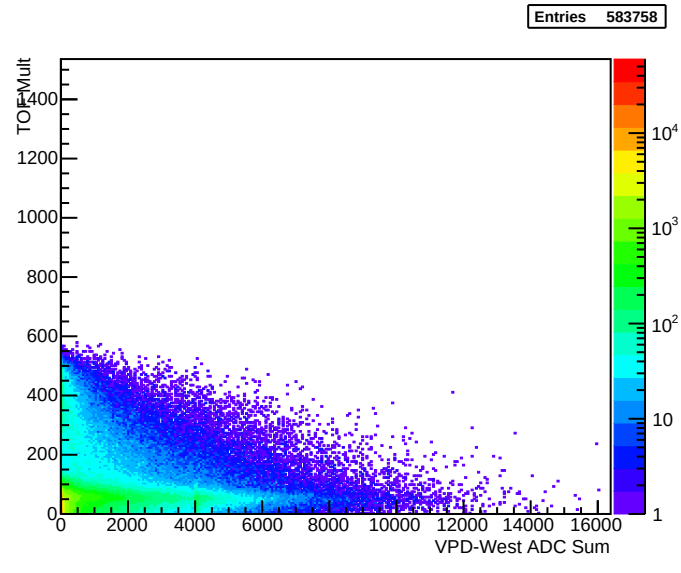

Entries 583758
TOF-Mult
BBC-S-East ADC Sum

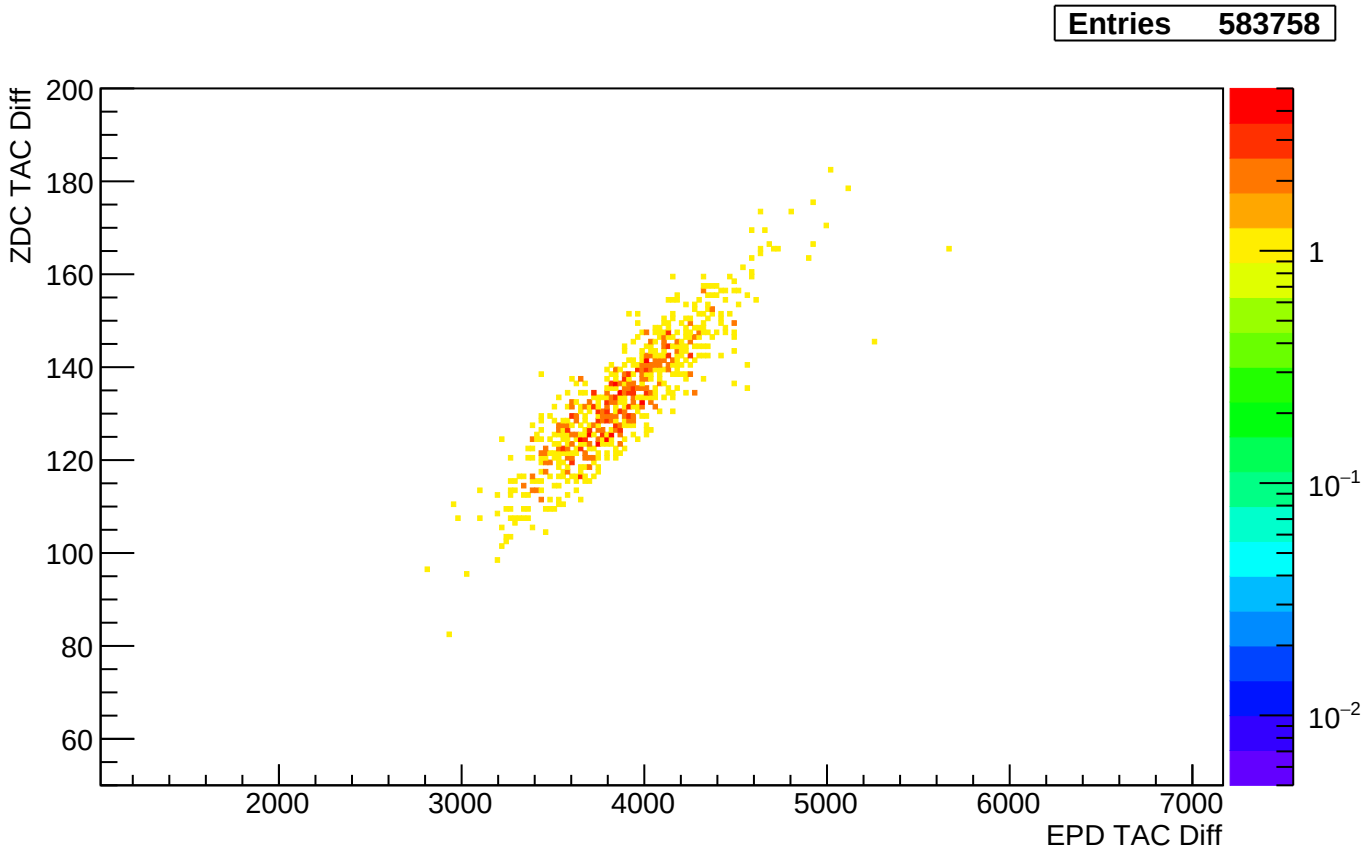

Entries 583758
TOF-Mult
BBC-S-West ADC Sum

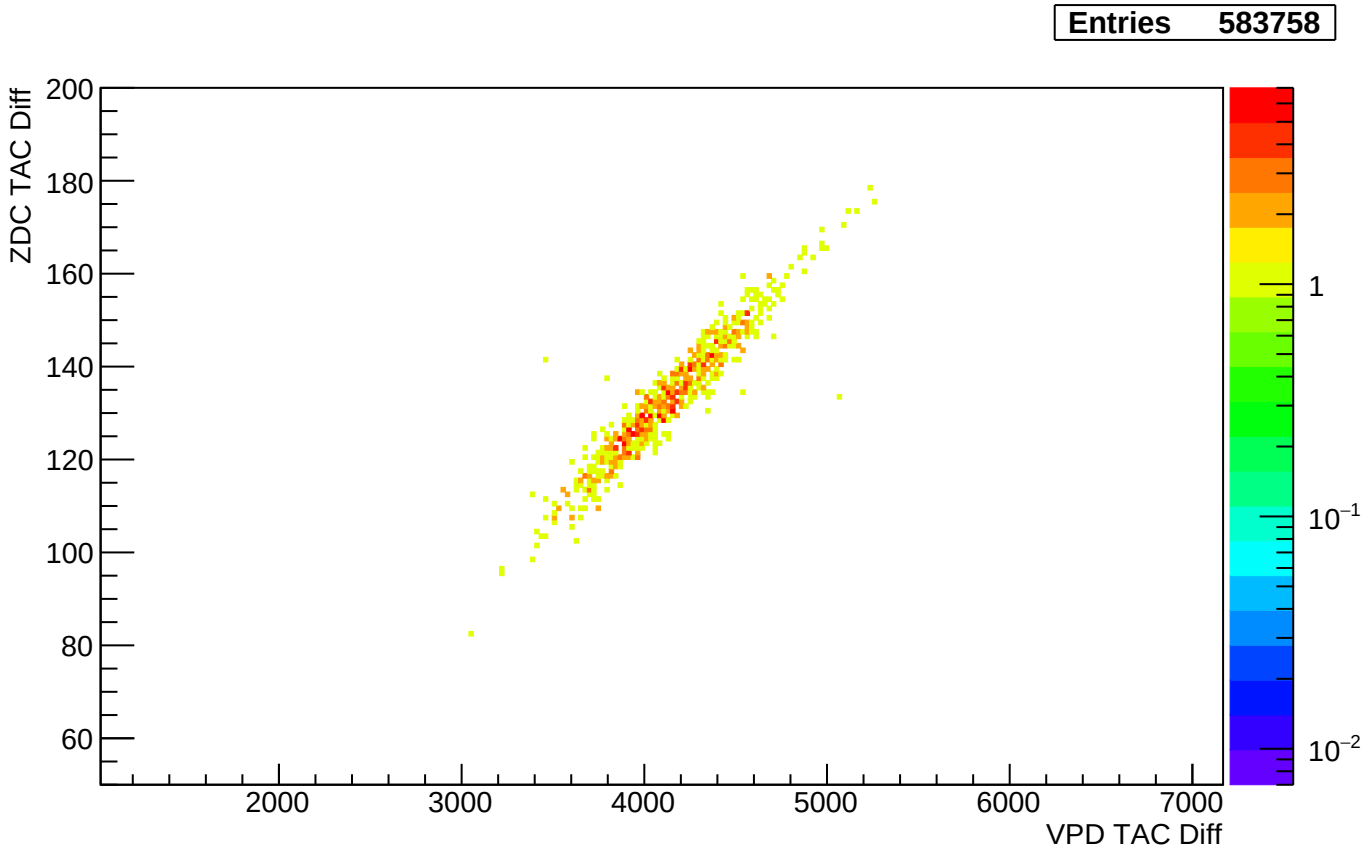

Entries 583758
TOF-Mult
EPD-East Hit Cnt

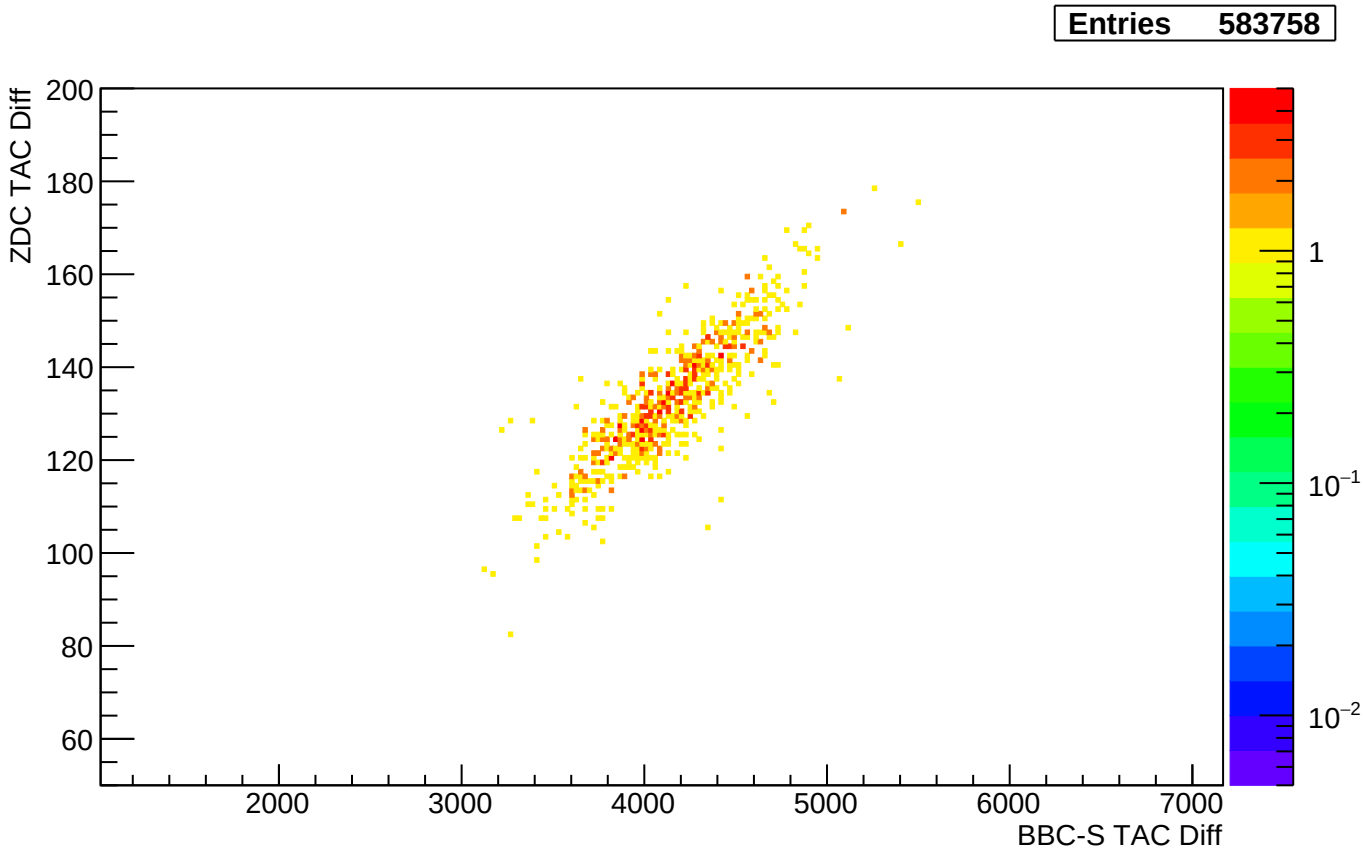

Entries 583758
TOF-Mult
EPD-West Hit Cnt

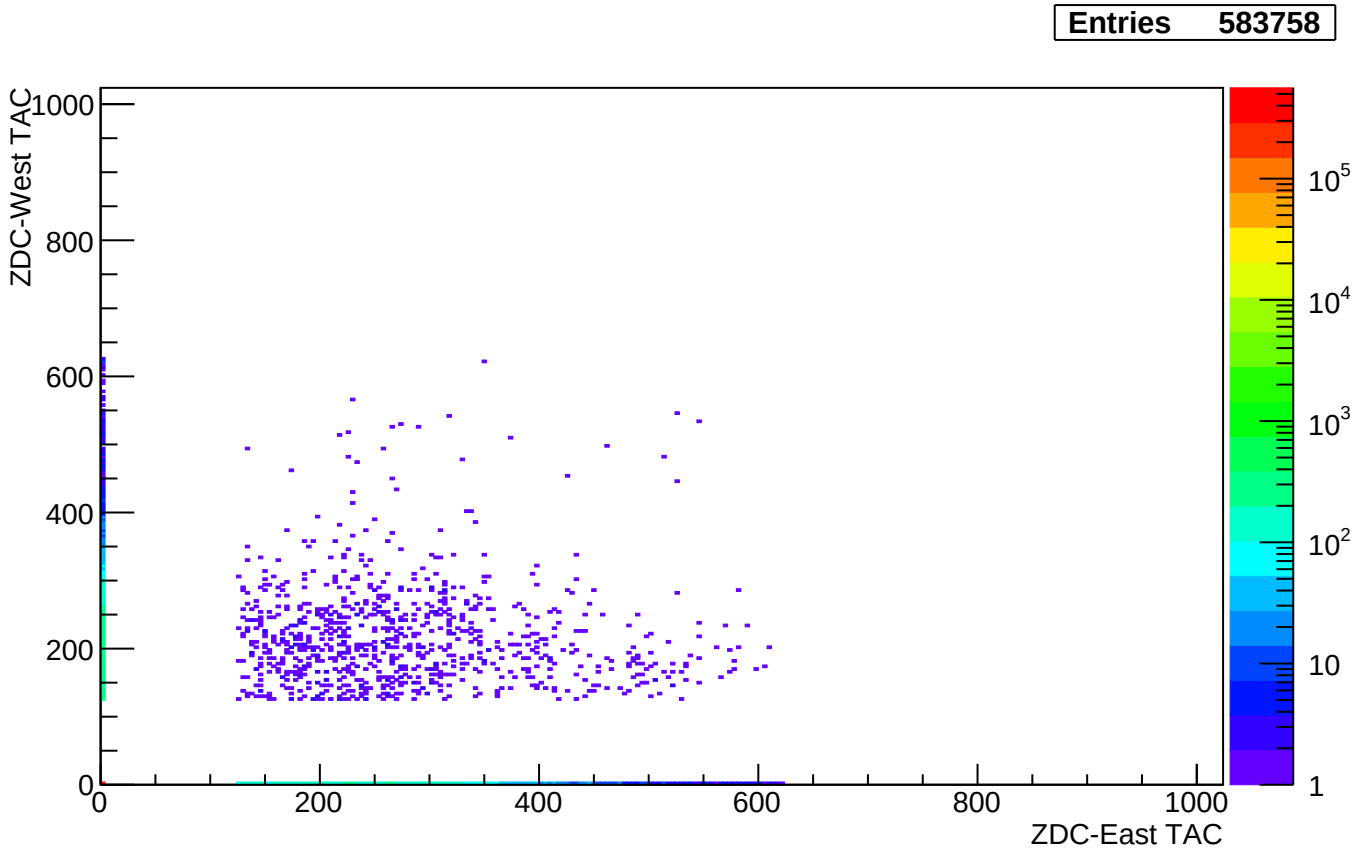

Entries 583758
TOF-Mult
VPD-East ADC Sum

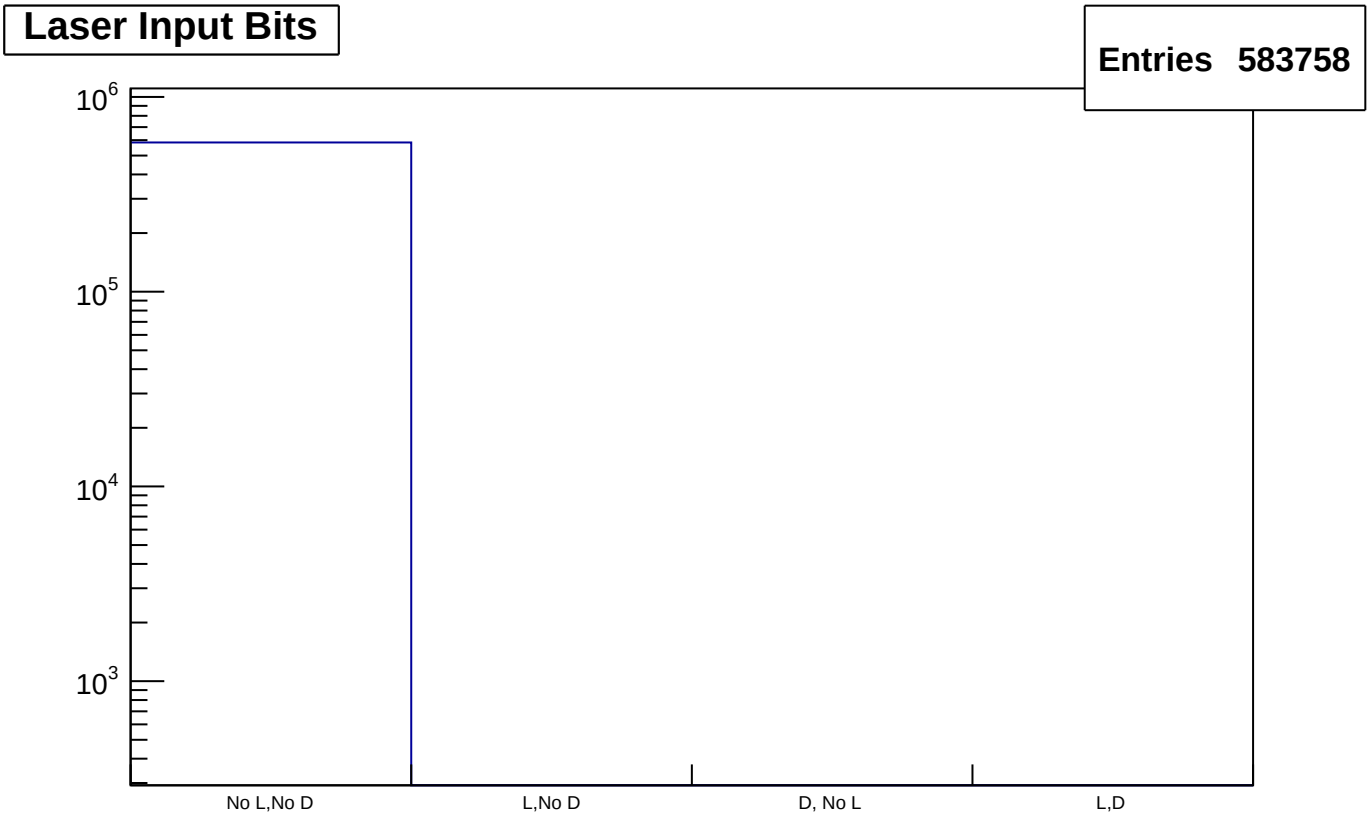

Entries 583758
TOF-Mult
VPD-West ADC Sum

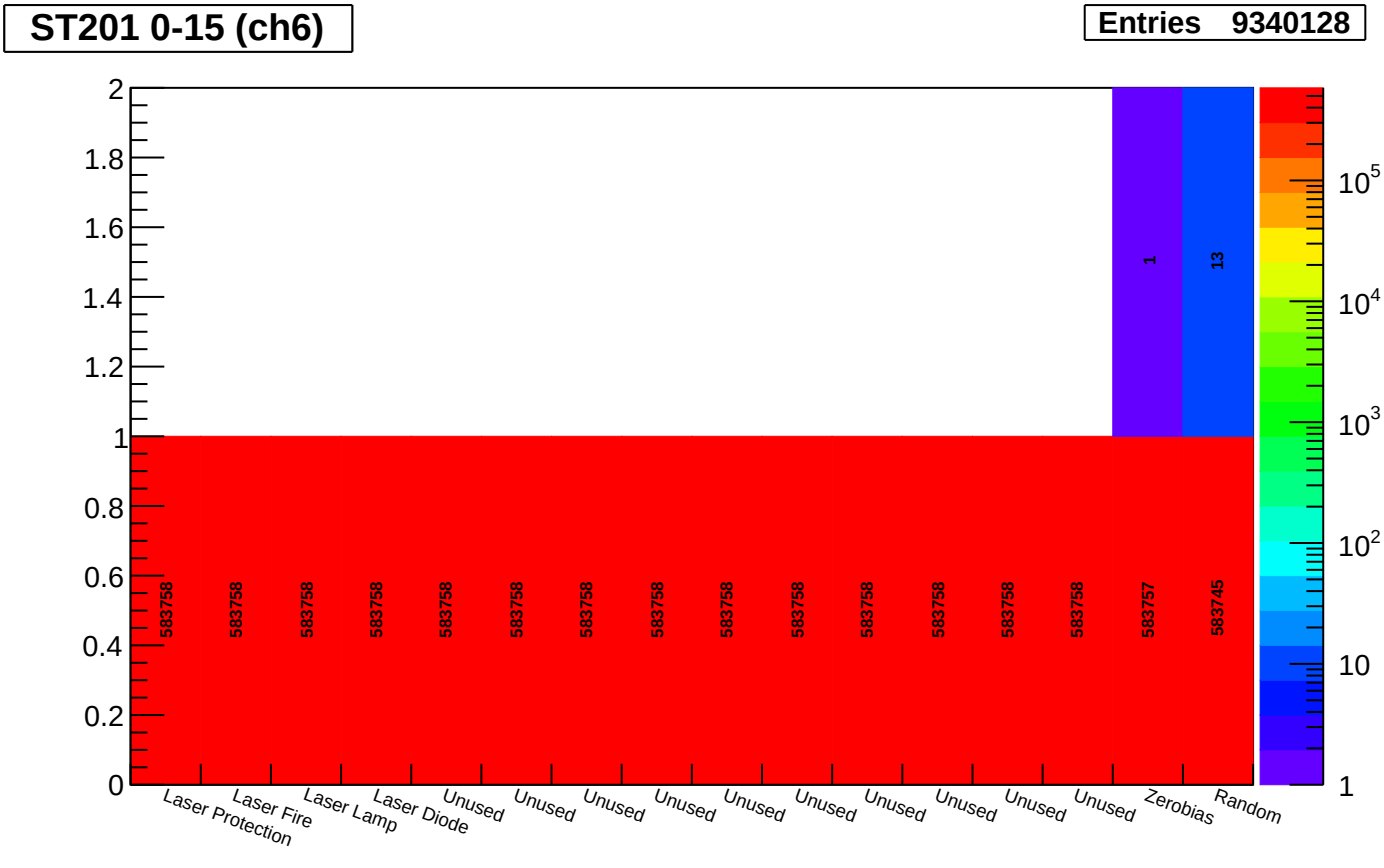

Entries 583758
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

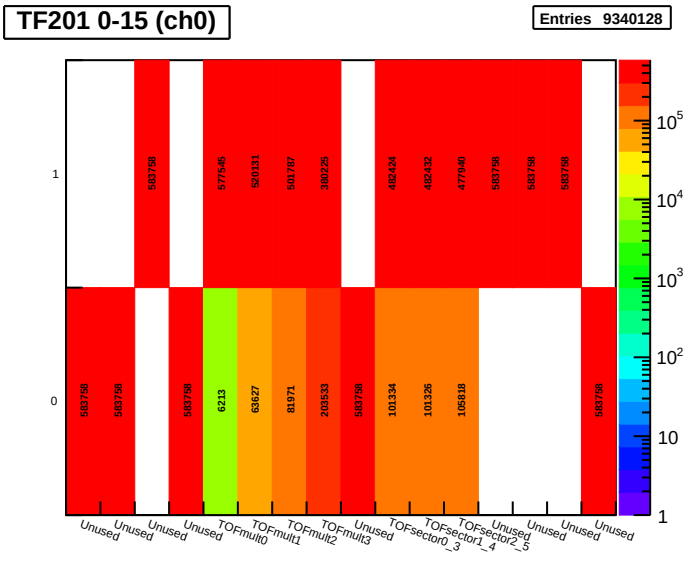

Entries 583758
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

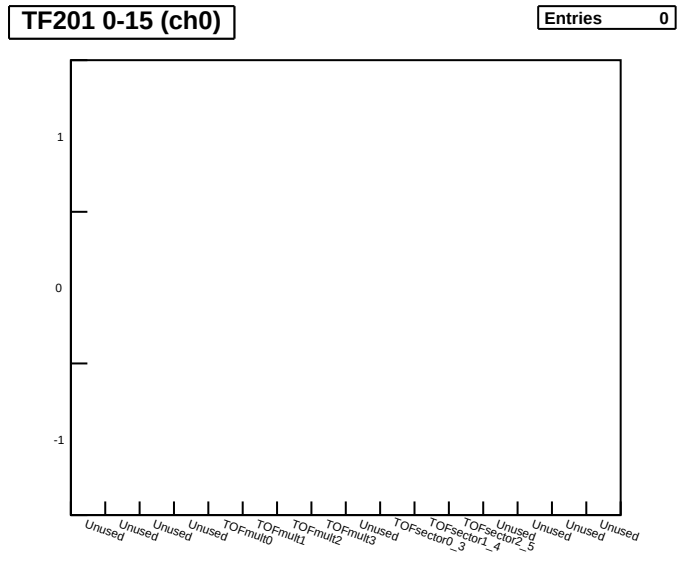

Entries 583758
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

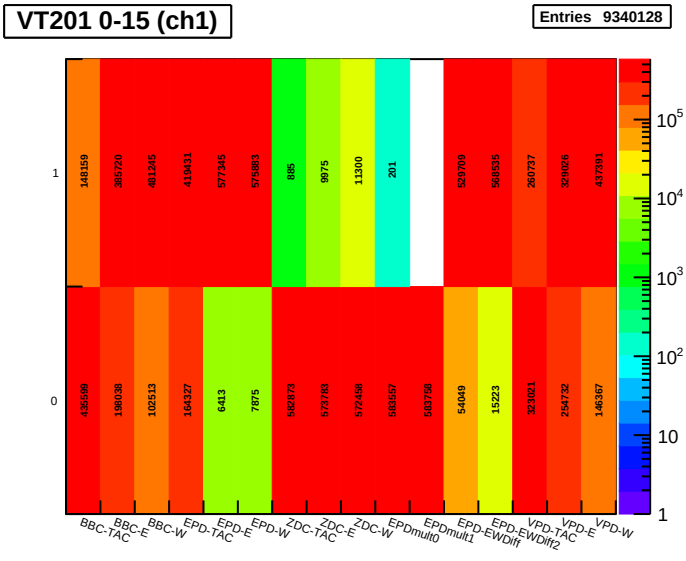

Entries 583758
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

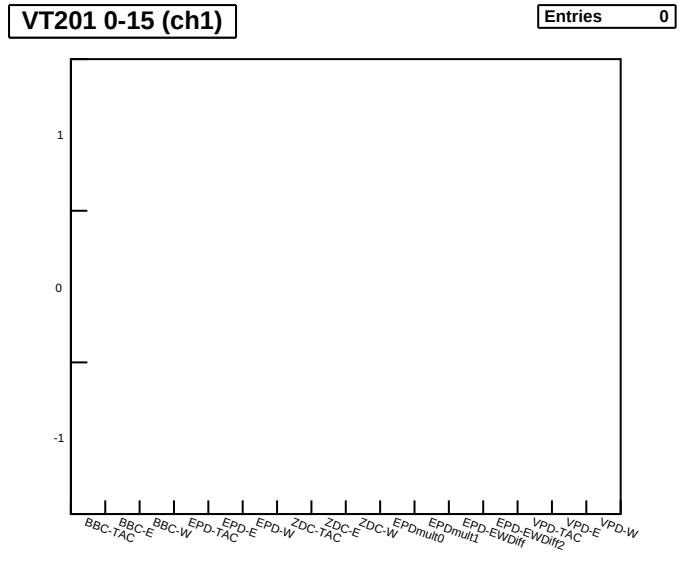

Laser Input Bits
Entries 583758
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

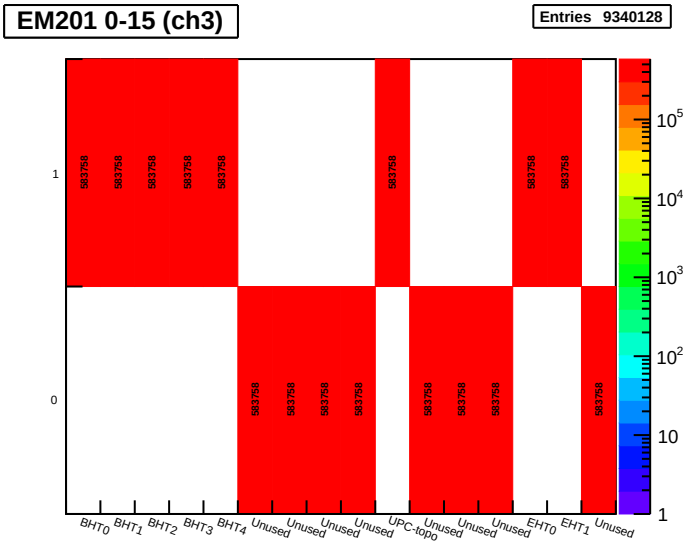

ST201 0-15 (ch6)
Entries 9340128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583757
583745
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

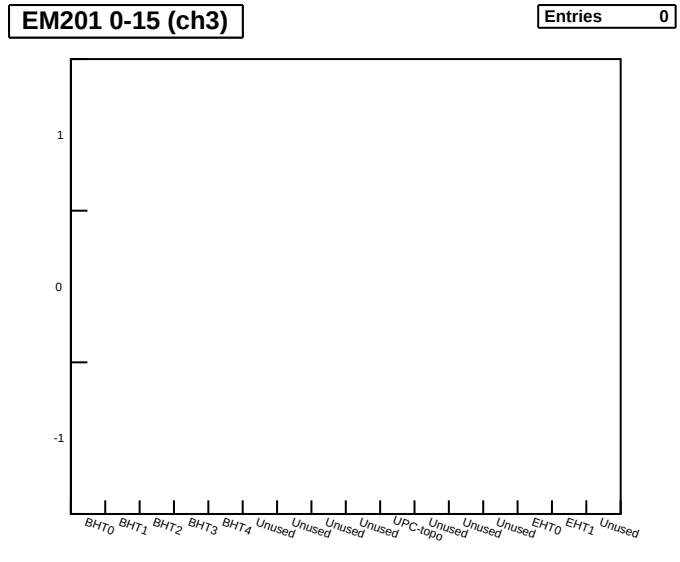

TF201 0-15 (ch0)
Entries 9340128
1
0
583758
577545
520131
501787
380225
482424
482432
477940
583758
583758
583758
583758
583758
6213
63627
81971
203533
583758
101334
101326
105818
583758
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 9340128
1
0
148159
385720
481245
419431
577345
575883
885
9975
11300
201
529709
568535
260737
329026
437391
435599
198038
102513
164327
6413
7875
582873
573783
572458
583557
583758
54049
15223
323021
254732
146367
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 9340128
1
0
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
583758
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