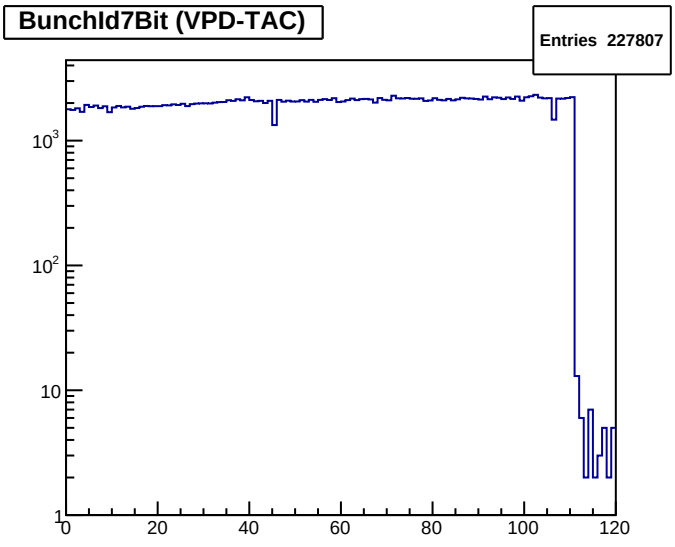
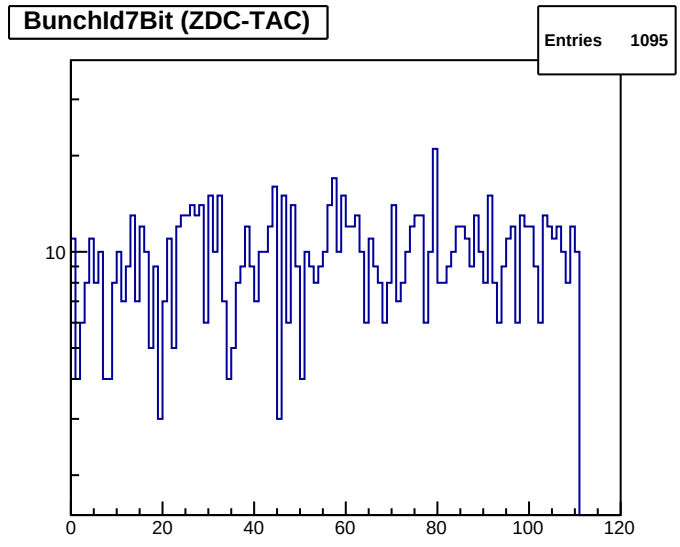
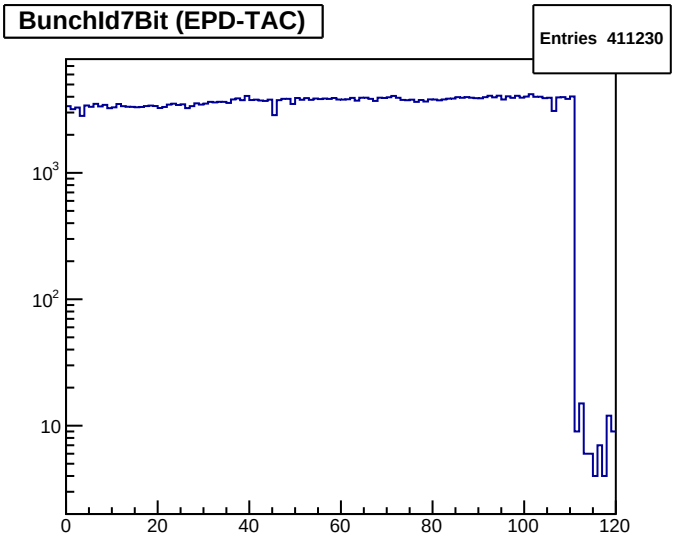
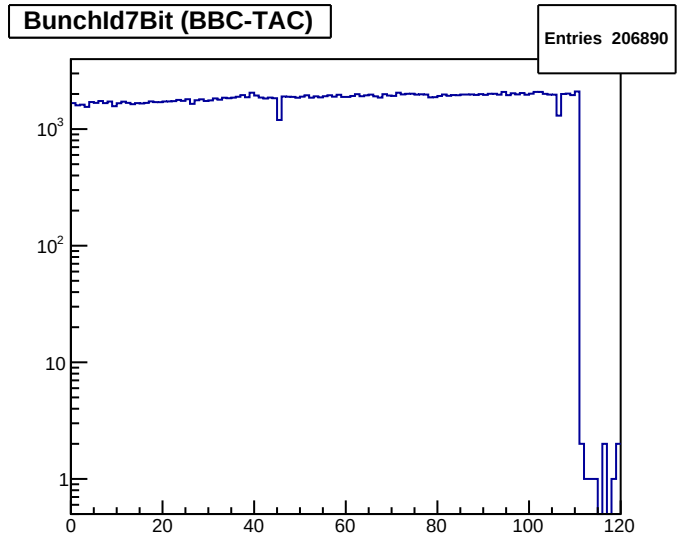
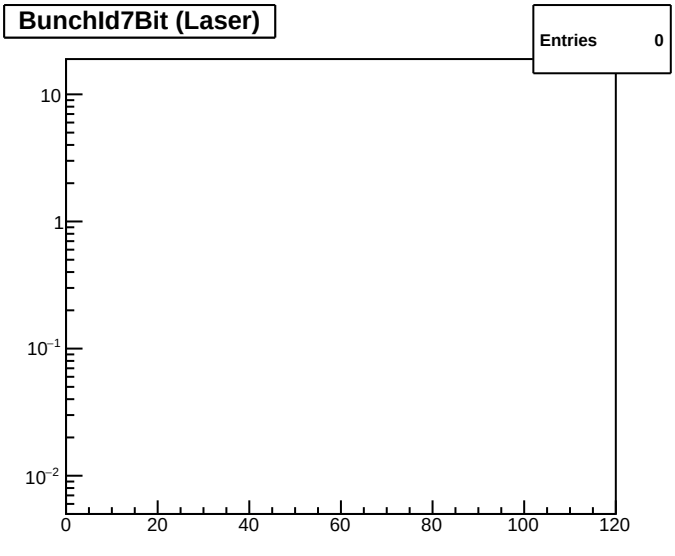
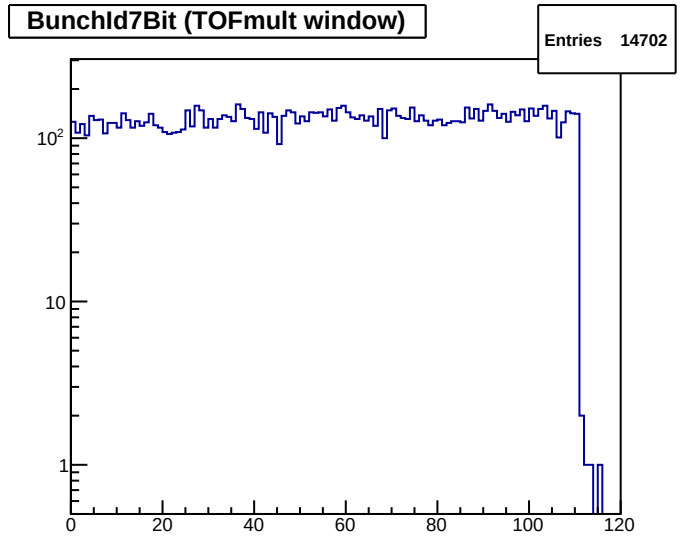

BunchId7Bit (VPD-TAC)
Entries 227807

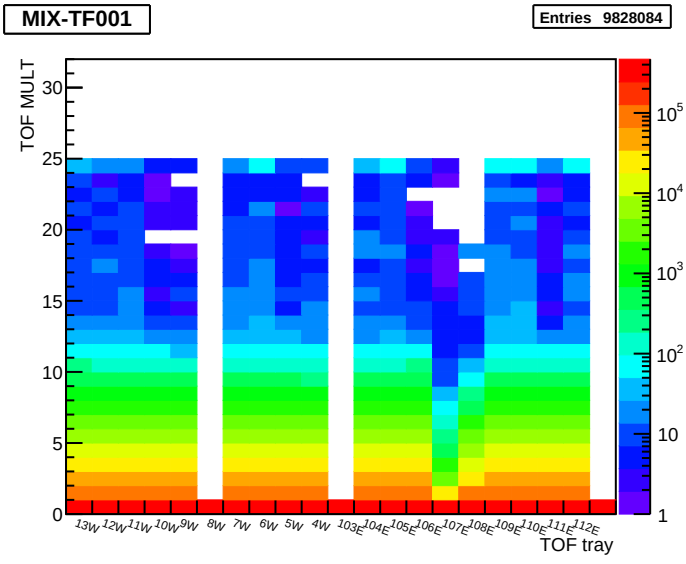

BunchId7Bit (ZDC-TAC)
Entries 1095

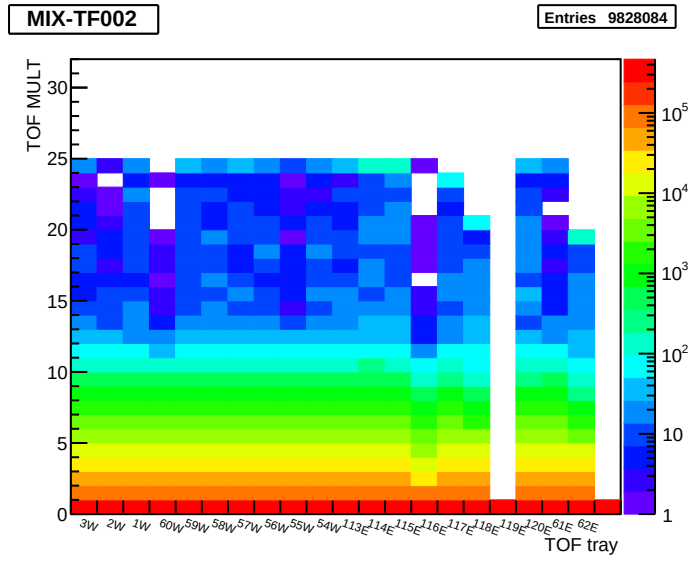

BunchId7Bit (EPD-TAC)
Entries 411230

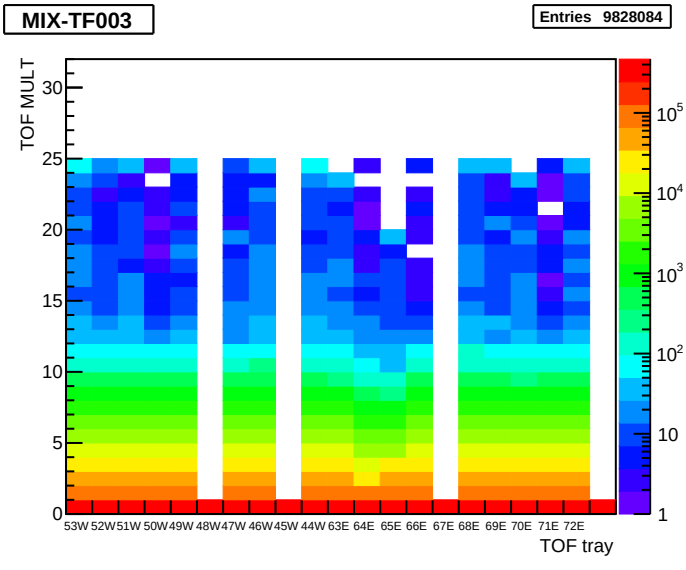

BunchId7Bit (BBC-TAC)
Entries 206890

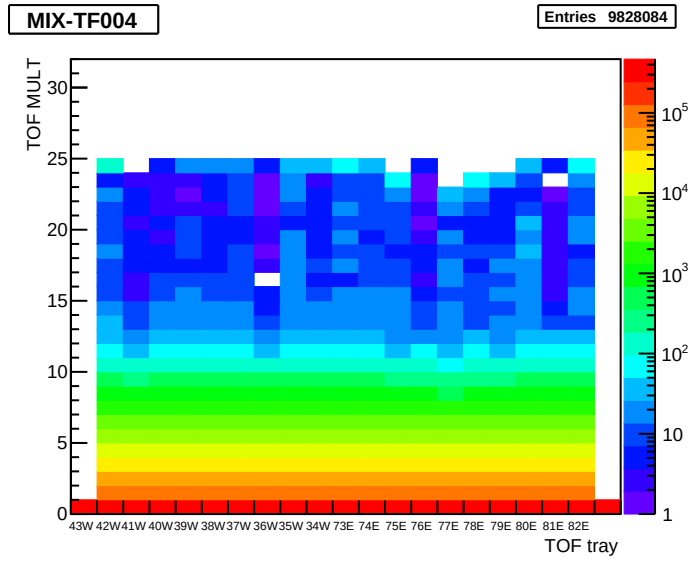

BunchId7Bit (Laser)
Entries 0

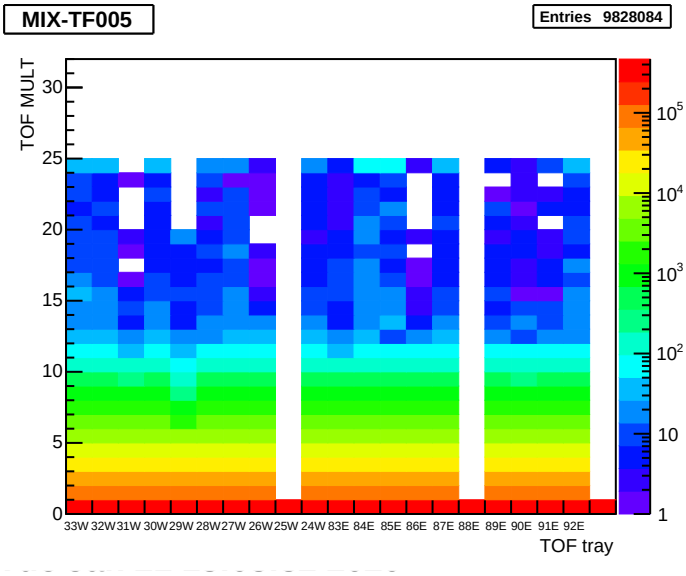

BunchId7Bit (TOFmult window)
Entries 14702

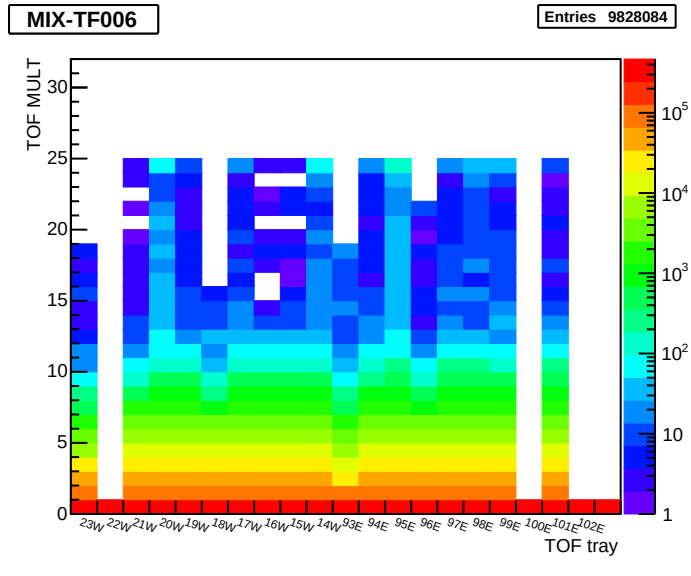

MIX-TF001
Entries 9828084
TOF MULT
TOF tray

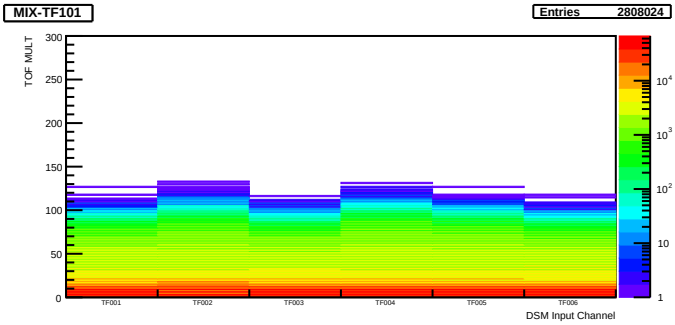

MIX-TF002
Entries 9828084
TOF MULT
TOF tray

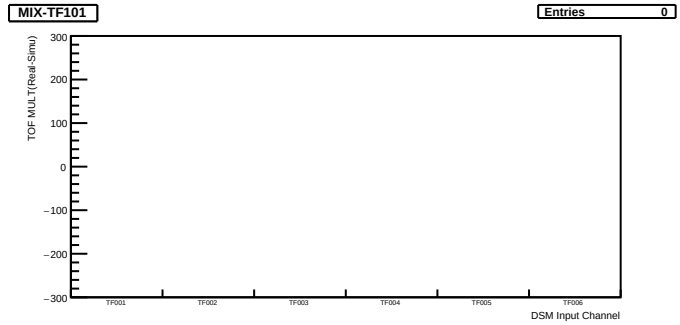

MIX-TF003
Entries 9828084
TOF MULT
TOF tray

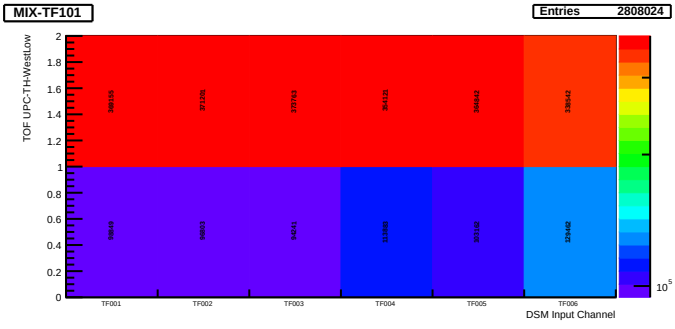

MIX-TF004
Entries 9828084
TOF MULT
TOF tray

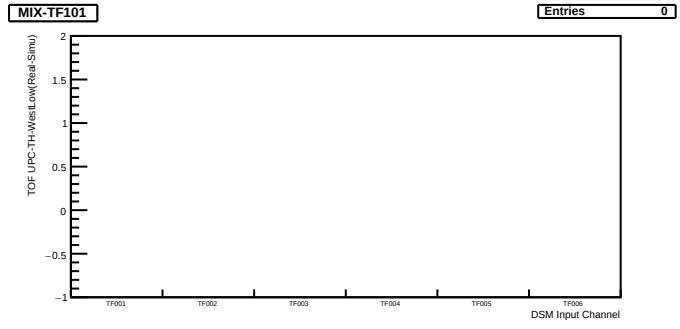

MIX-TF005
Entries 9828084
TOF MULT
TOF tray

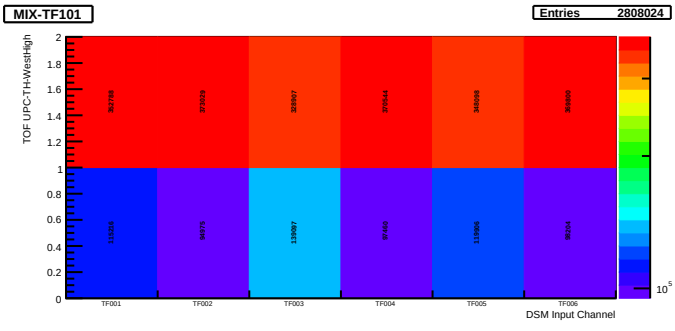

MIX-TF006
Entries 9828084
TOF MULT
TOF tray

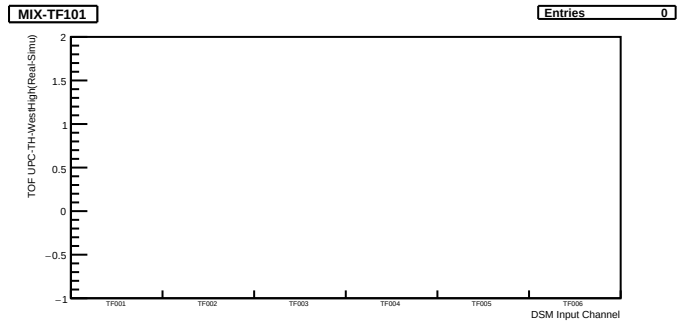

MIX-TF101
Entries 2808024
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

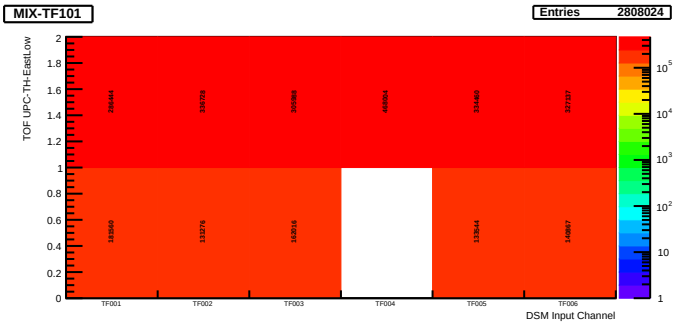

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

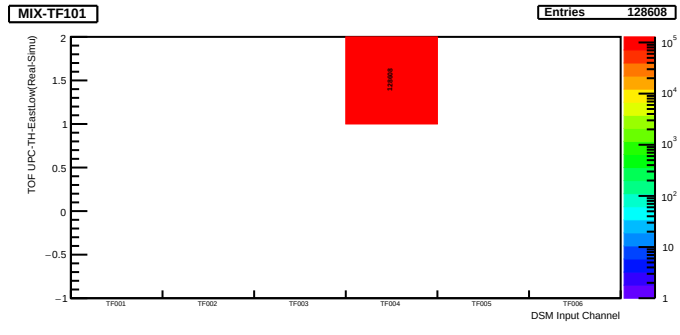

MIX-TF101
Entries 2808024
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

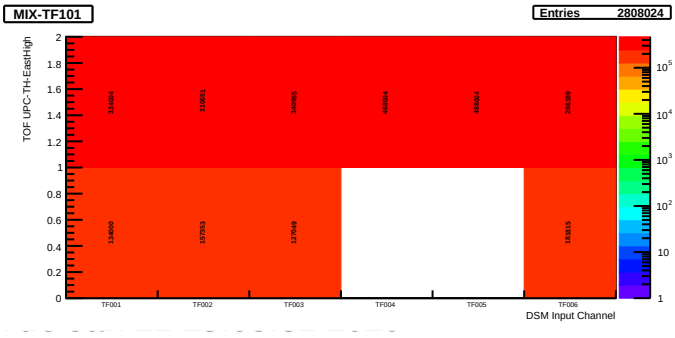

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

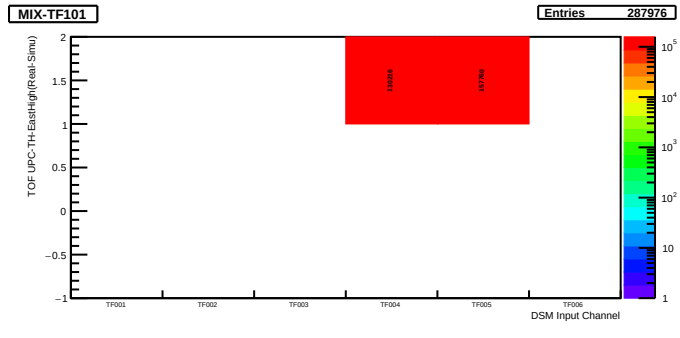

MIX-TF101
Entries 2808024
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

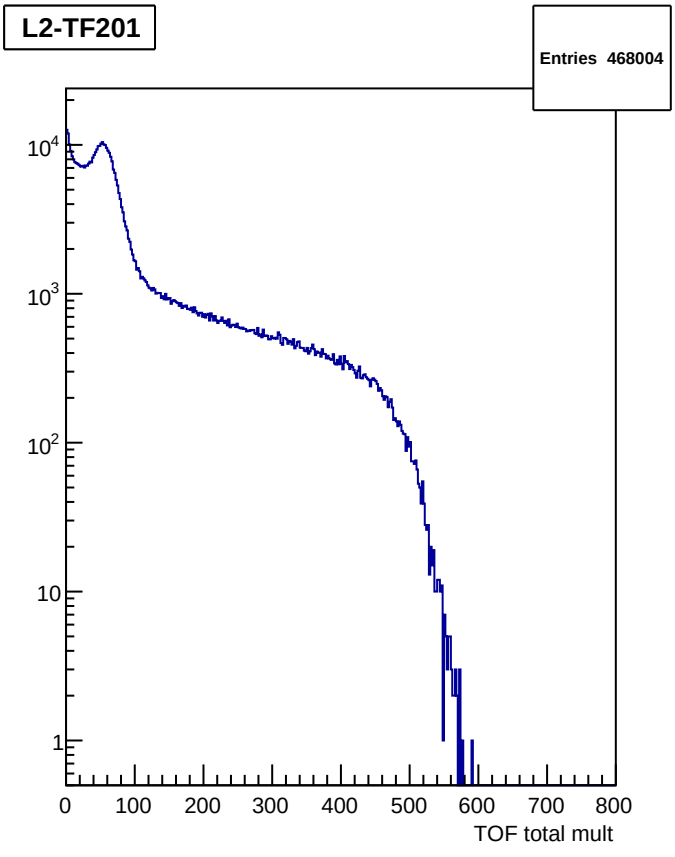

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

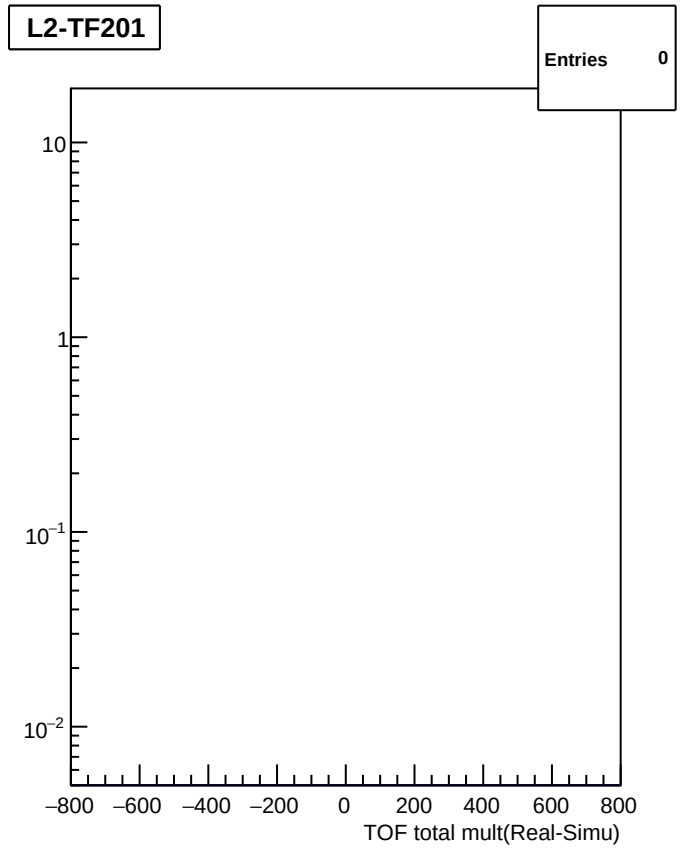

MIX-TF101
Entries 2808024
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

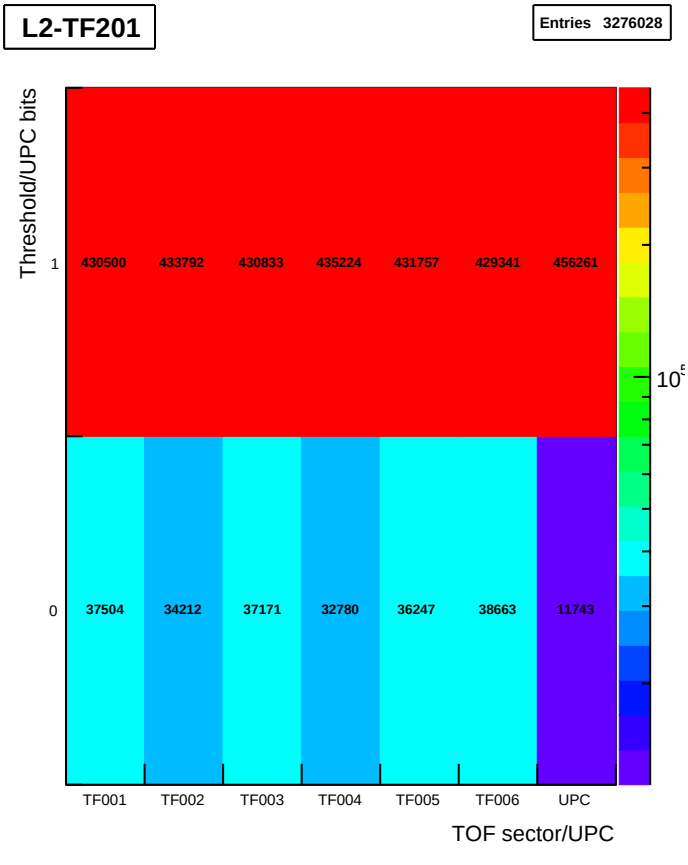

MIX-TF101
Entries 128608
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

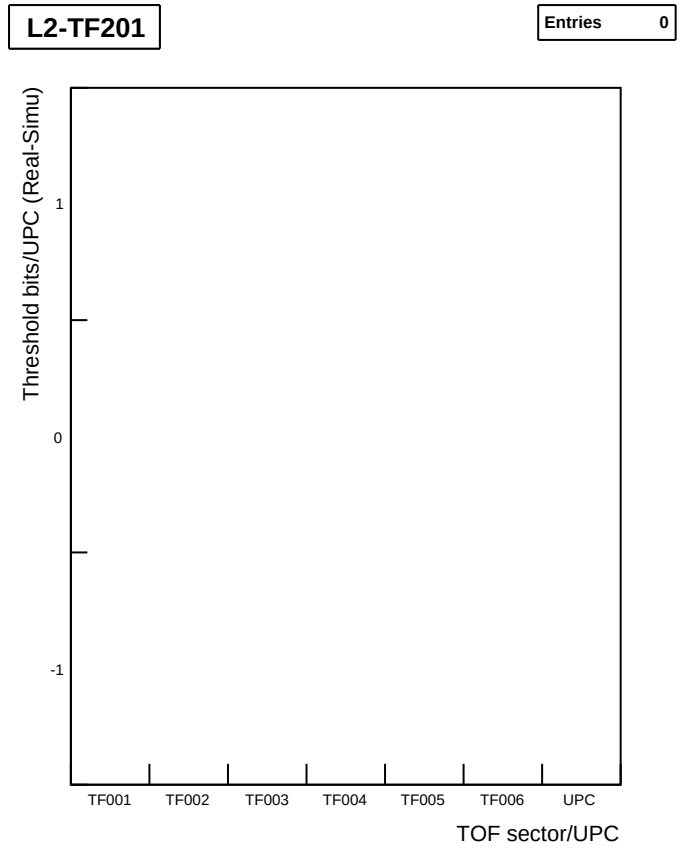

MIX-TF101
Entries 2808024
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

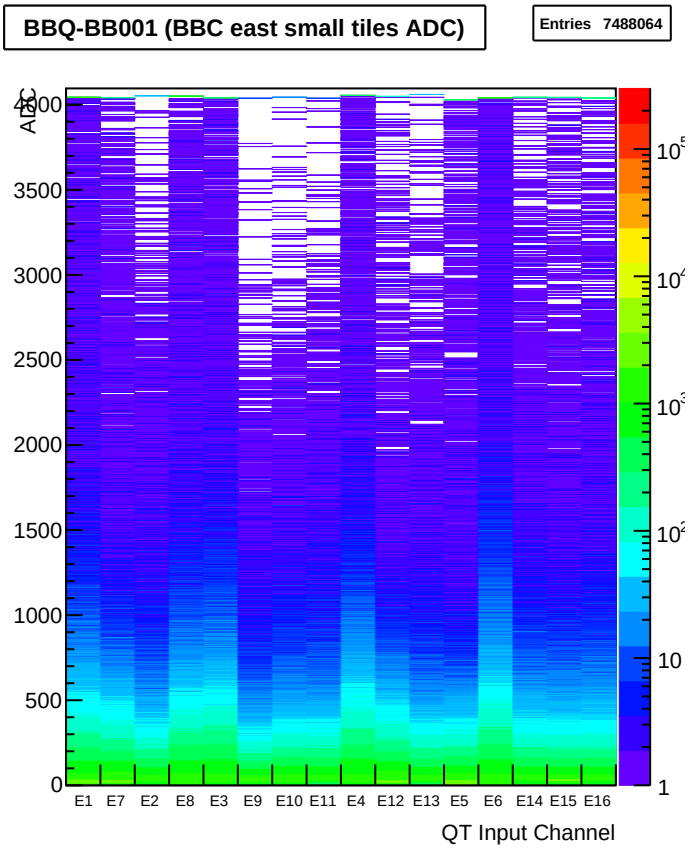

MIX-TF101
Entries 287976
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

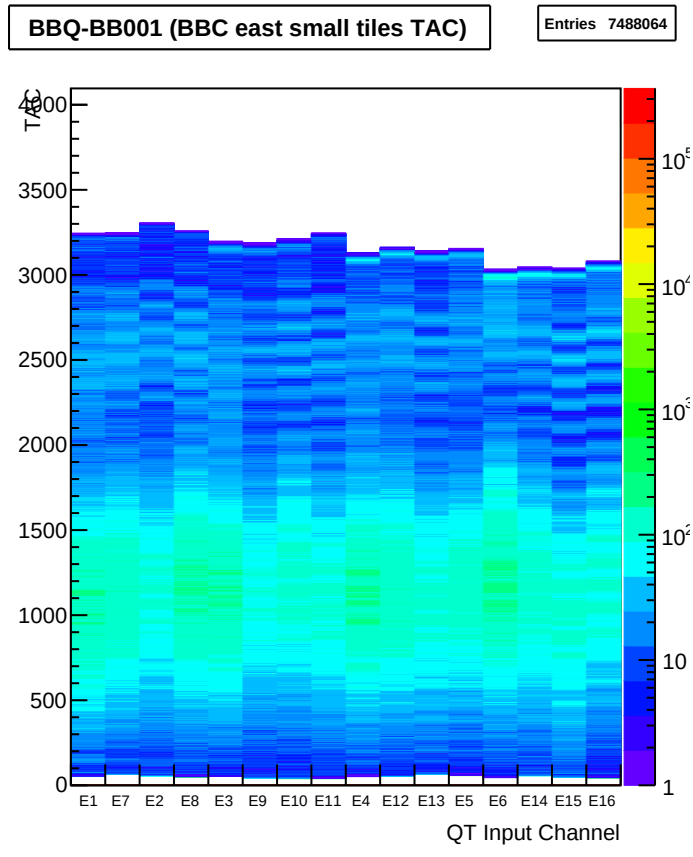

L2-TF201
Entries 468004
TOF total mult

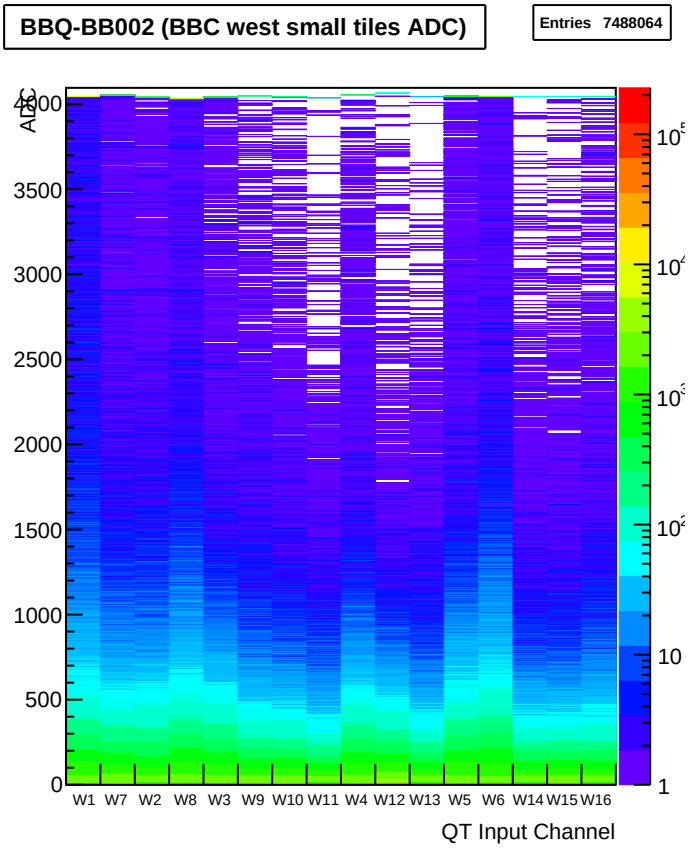

L2-TF201
Entries 0
TOF total mult(Real-Simu)

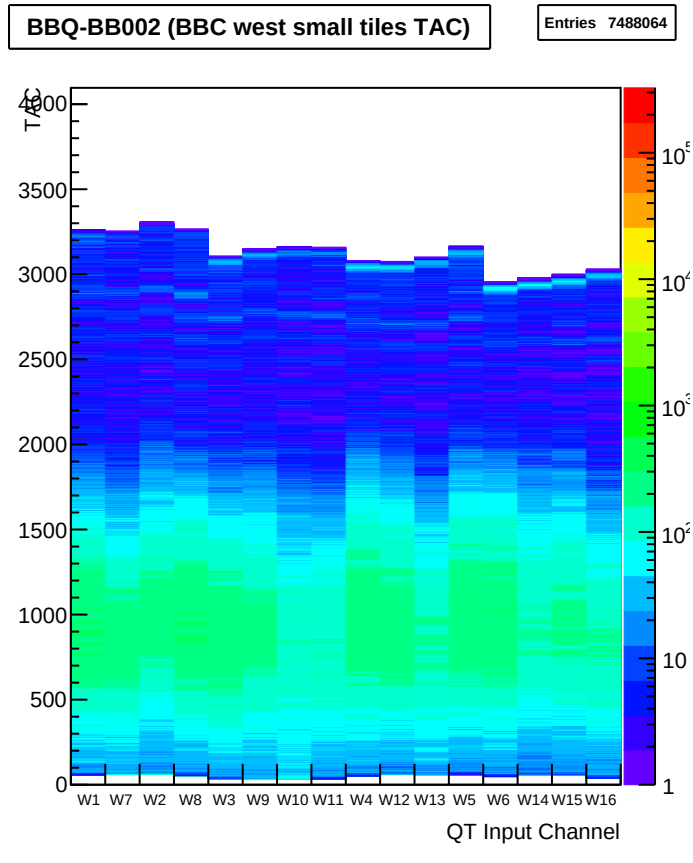

L2-TF201
Entries 3276028
Threshold/UPC bits
430500
433792
430833
435224
431757
429341
456261
37504
34212
37171
32780
36247
38663
11743
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

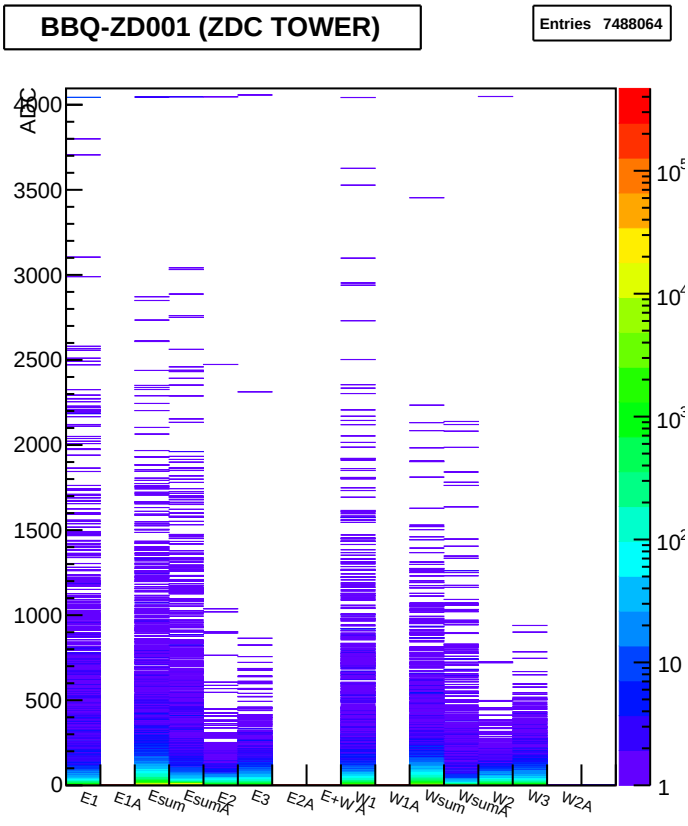

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

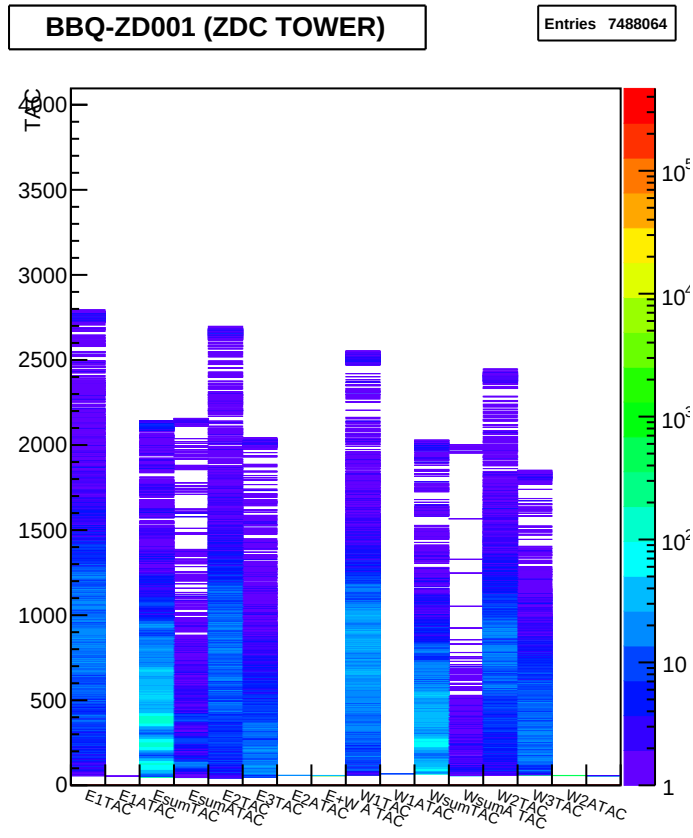

BBQ-BB001 (BBC east small tiles ADC)
Entries 7488064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

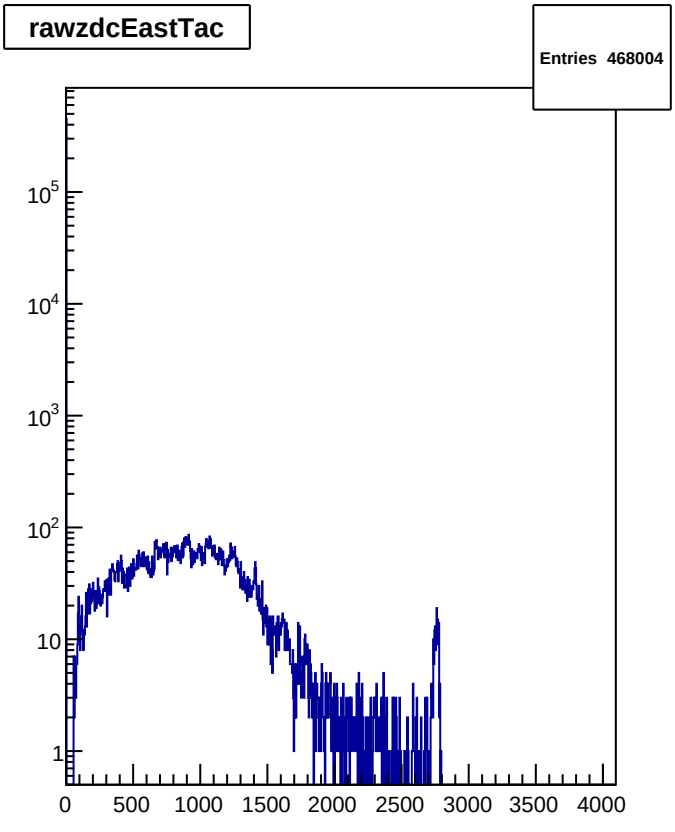

BBQ-BB001 (BBC east small tiles TAC)
Entries 7488064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

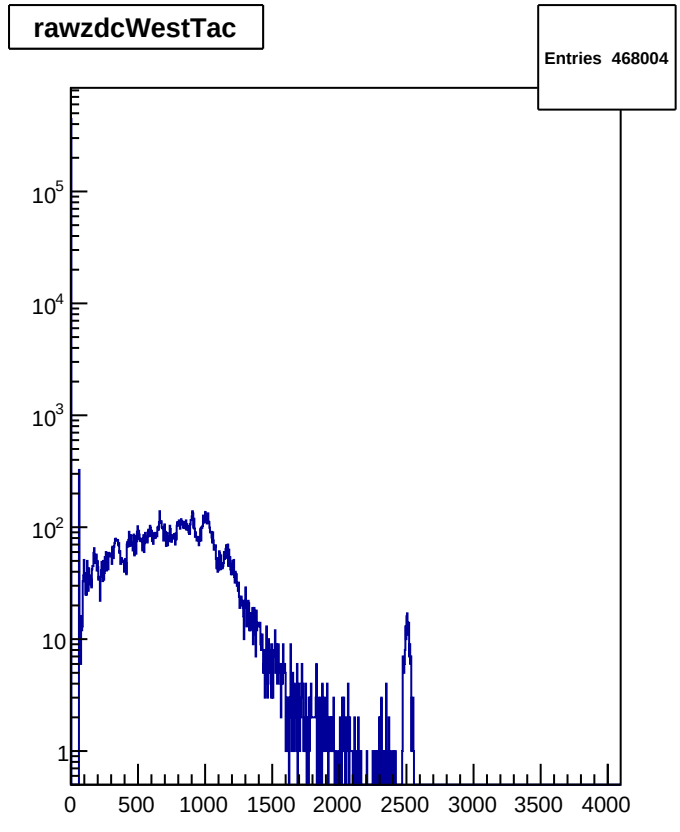

BBQ-BB002 (BBC west small tiles ADC)
Entries 7488064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

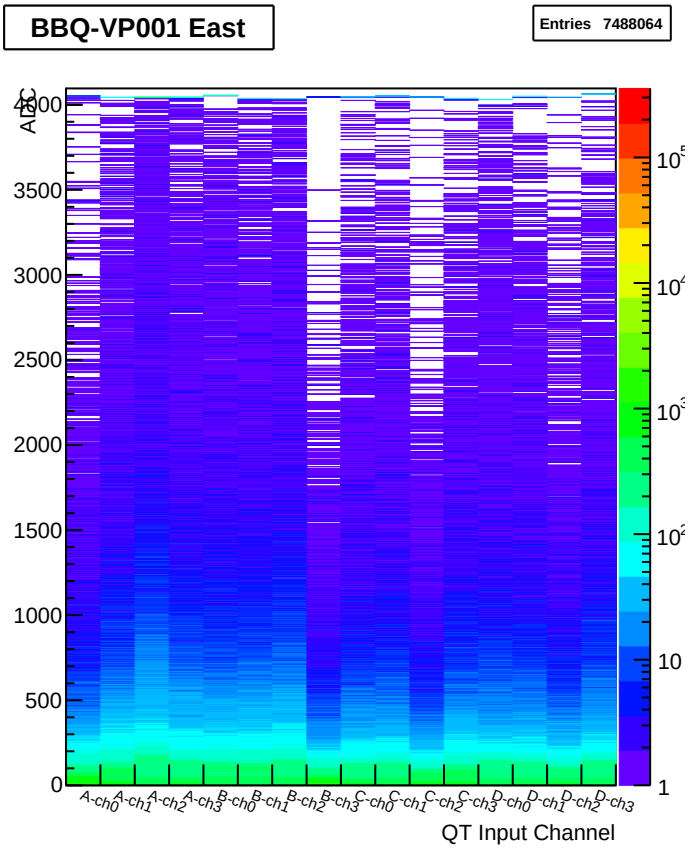

BBQ-BB002 (BBC west small tiles TAC)
Entries 7488064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

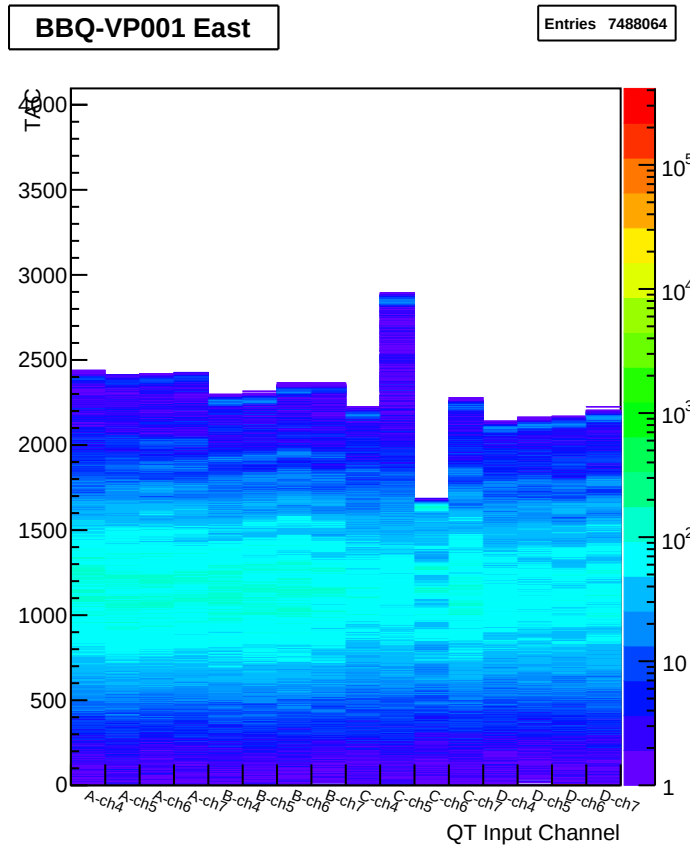

BBQ-ZD001 (ZDC TOWER)
Entries 7488064
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

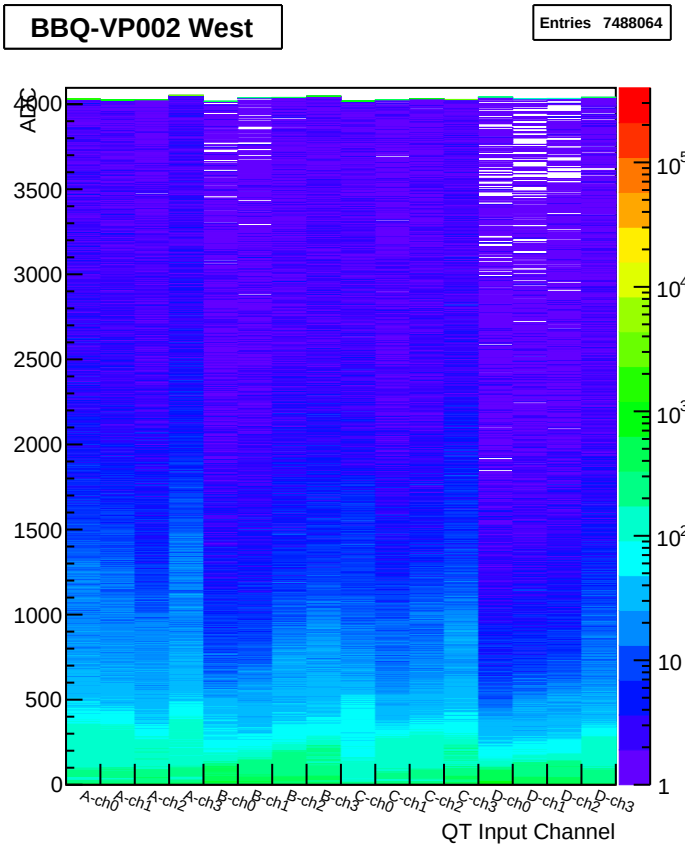

BBQ-ZD001 (ZDC TOWER)
Entries 7488064
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

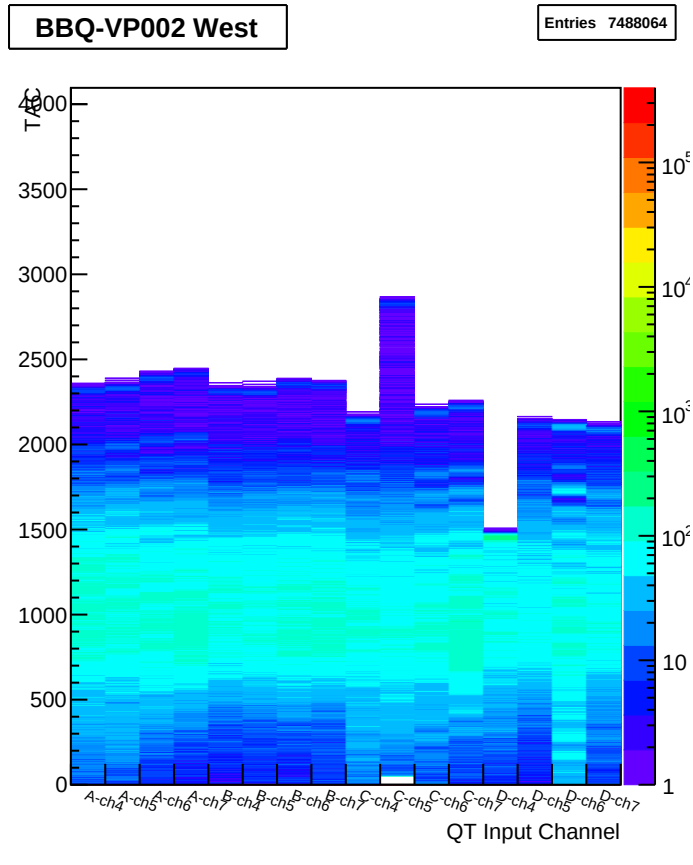

rawzdcEastTac
Entries 468004

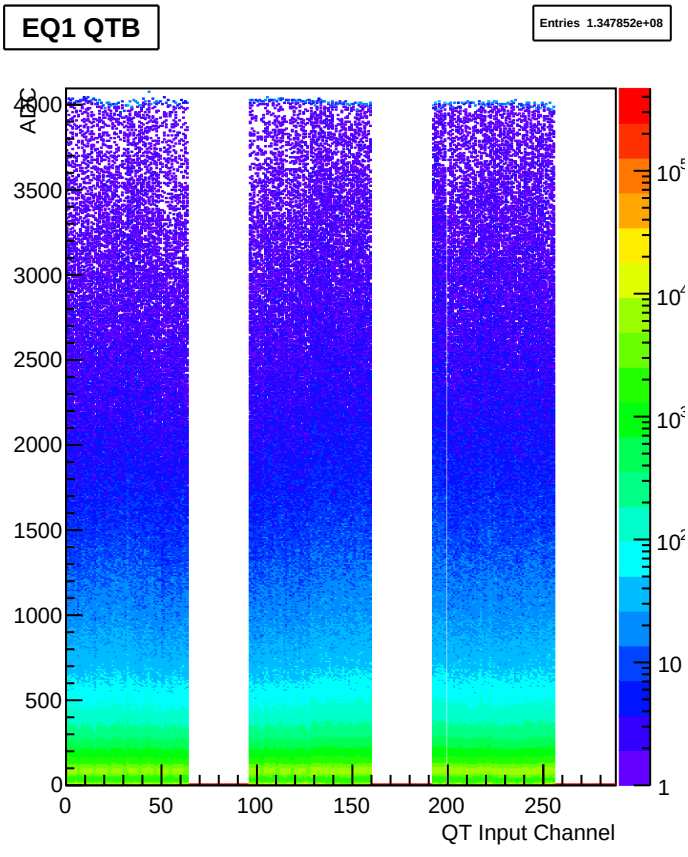

rawzdcWestTac
Entries 468004

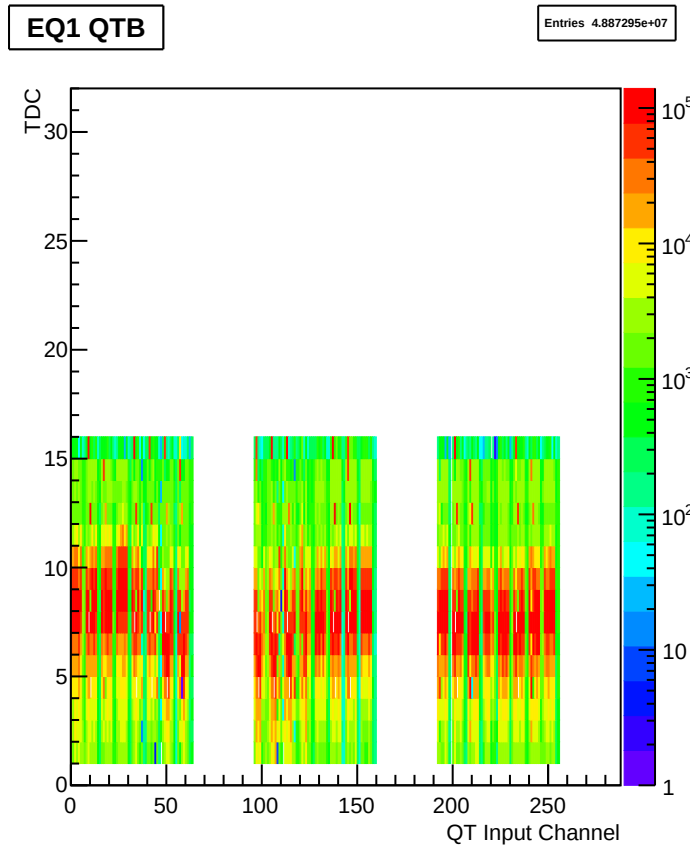

BBQ-VP001 East
Entries 7488064
ADC
QT Input Channel

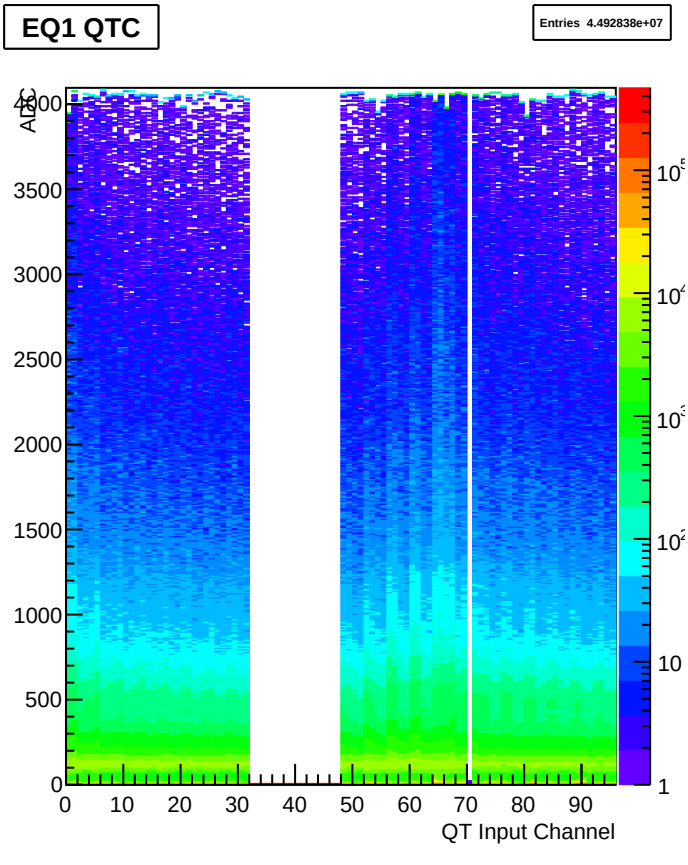

BBQ-VP001 East
Entries 7488064
ADC
QT Input Channel

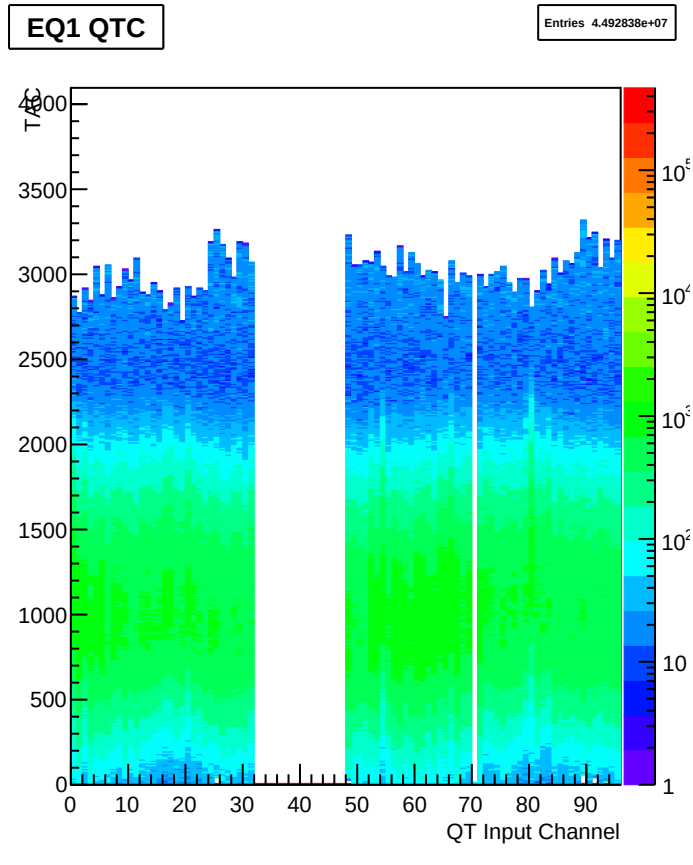

BBQ-VP002 West
Entries 7488064
ADC
QT Input Channel

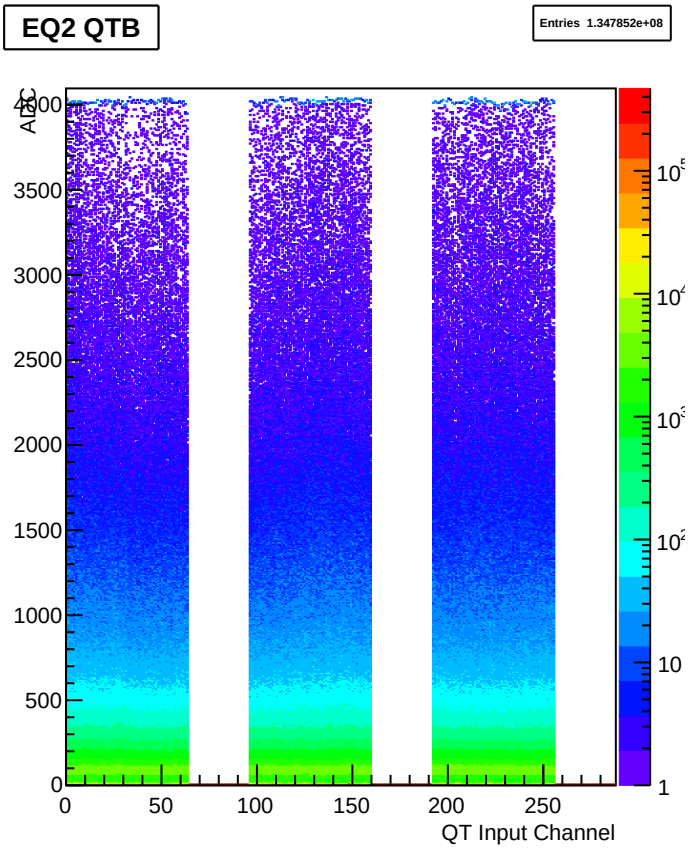

BBQ-VP002 West
Entries 7488064
ADC
QT Input Channel

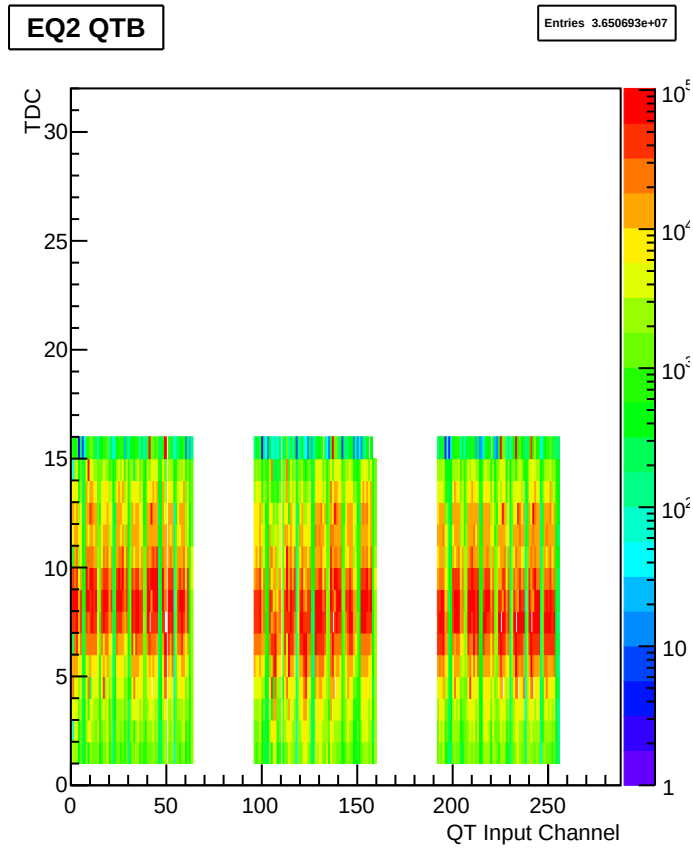

EQ1 QTB
Entries 1.347852e+08
ADC
QT Input Channel

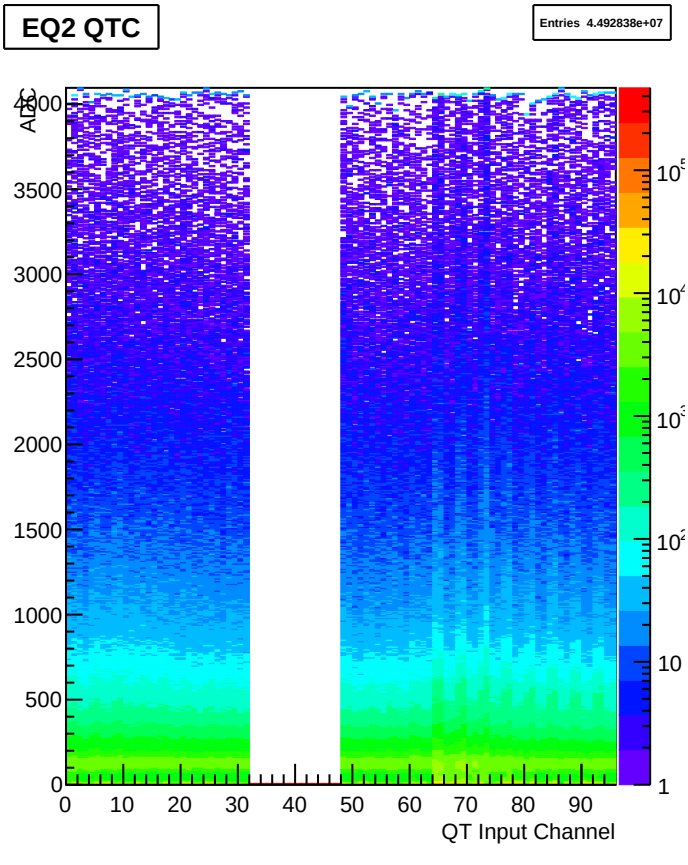

EQ1 QTB
Entries 4.887295e+07
TDC
QT Input Channel

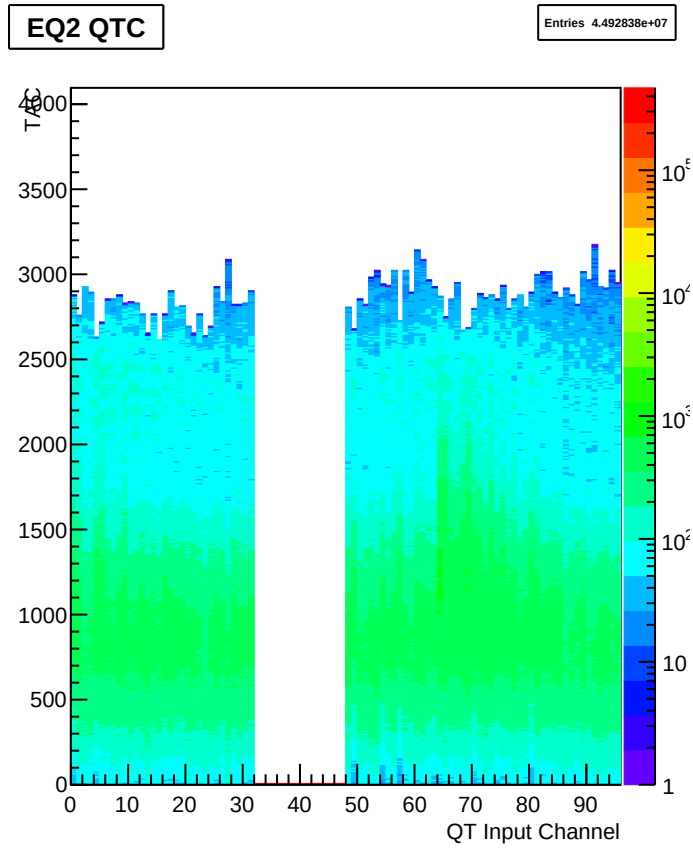

EQ1 QTC
Entries 4.492838e+07
ADC
QT Input Channel

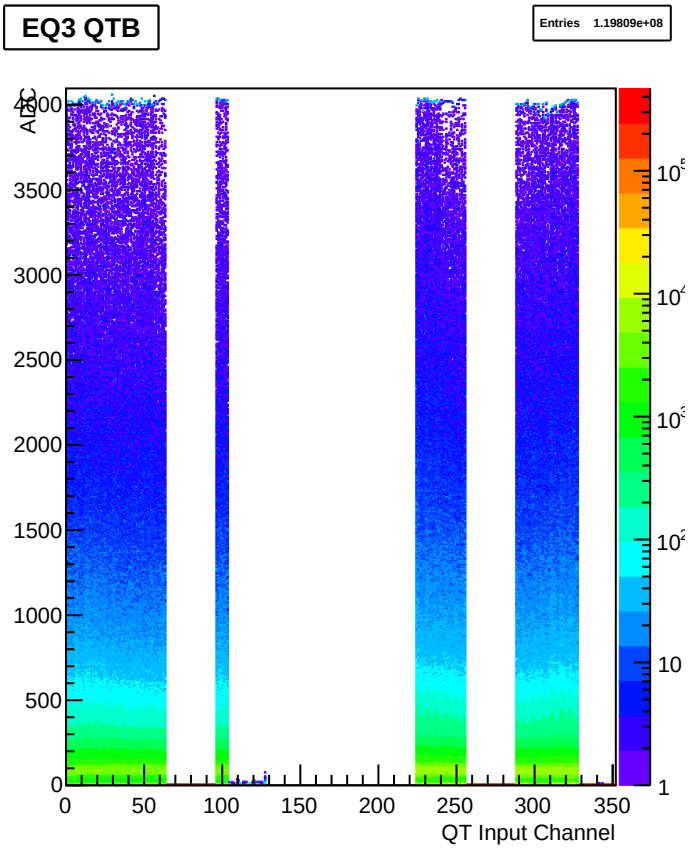

EQ1 QTC
Entries 4.492838e+07
TADC
QT Input Channel

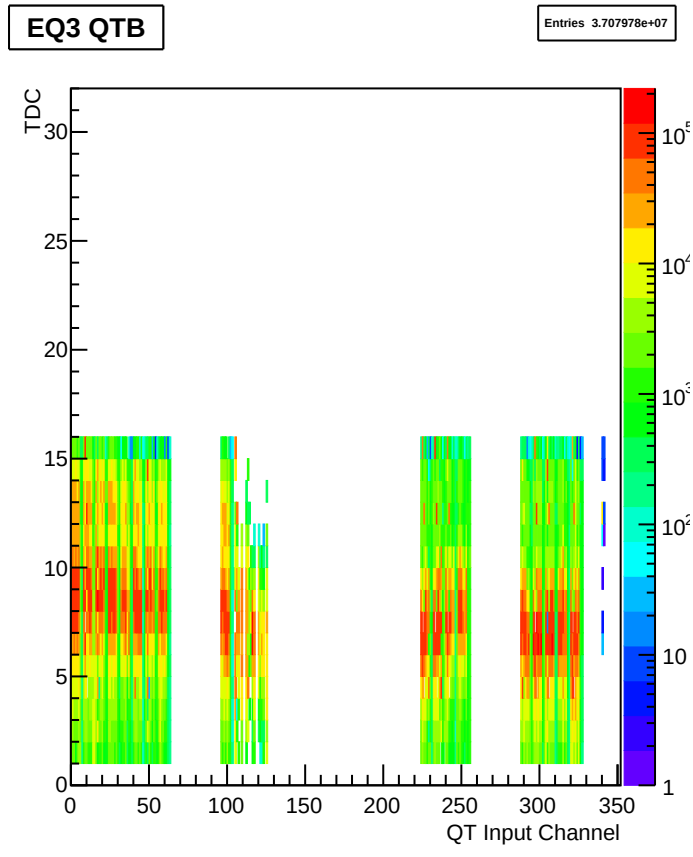

EQ2 QTB
Entries 1.347852e+08
ADC
QT Input Channel

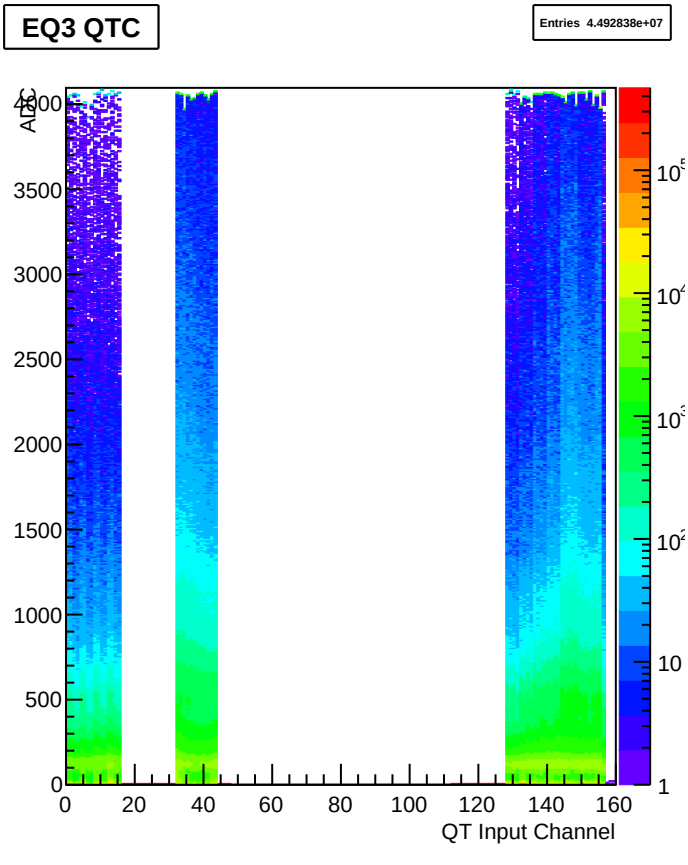

EQ2 QTB
Entries 3.650693e+07
TDC
QT Input Channel

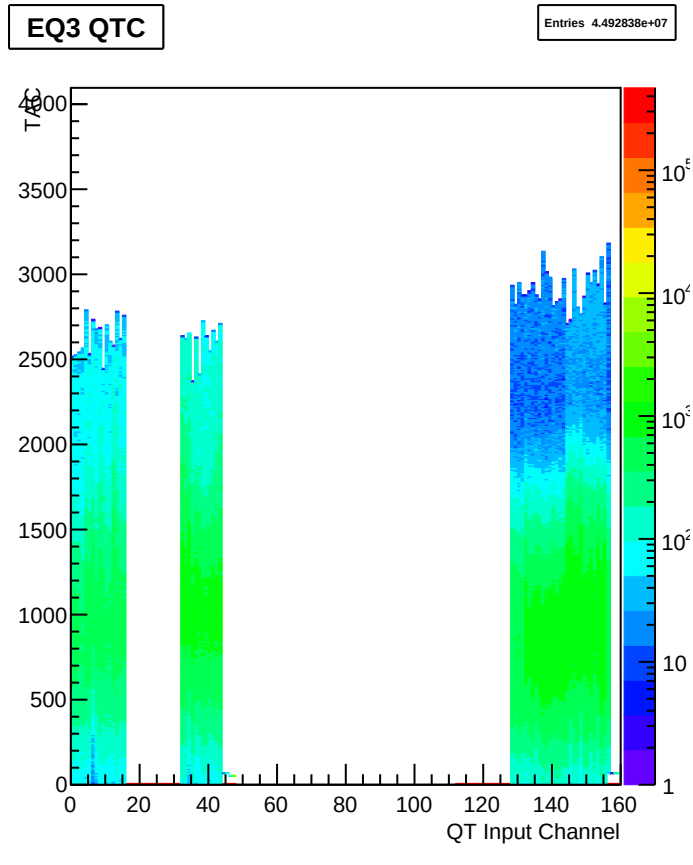

EQ2 QTC
Entries 4.492838e+07
ADC
QT Input Channel

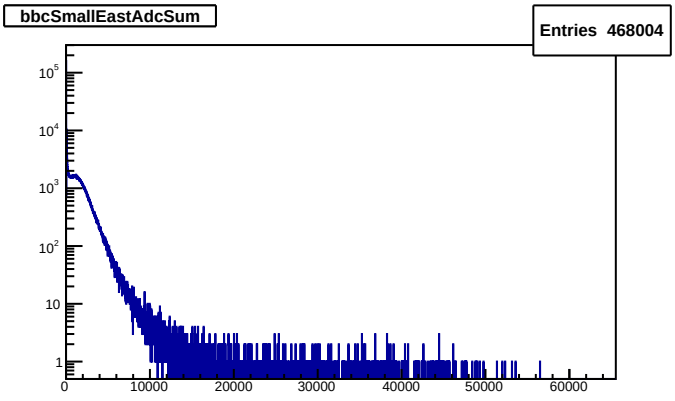

EQ2 QTC
Entries 4.492838e+07
TADC
QT Input Channel

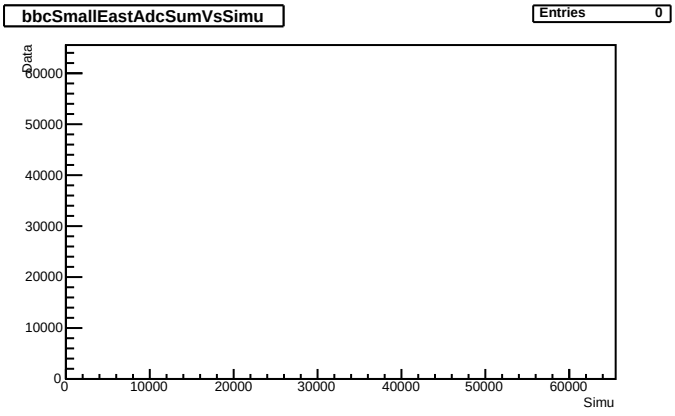

EQ3 QTB
Entries 1.19809e+08
ADC
QT Input Channel

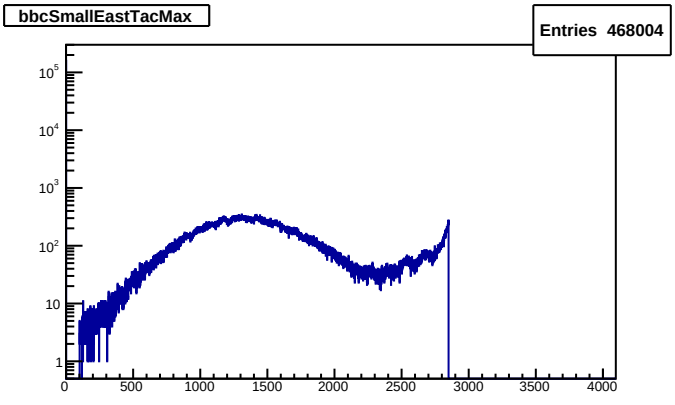

EQ3 QTB
Entries 3.707978e+07
TDC
QT Input Channel

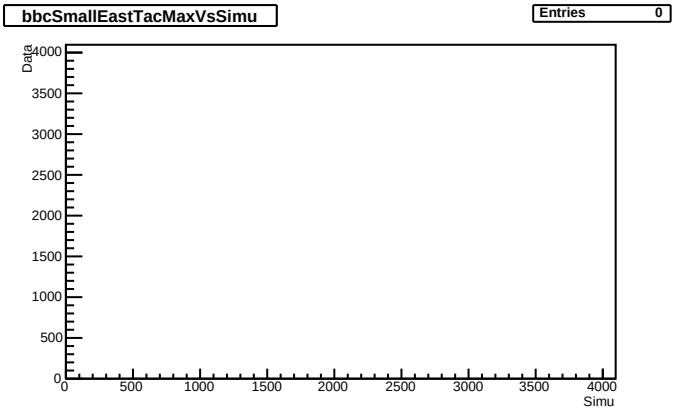

EQ3 QTC
Entries 4.492838e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.492838e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 468004


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 468004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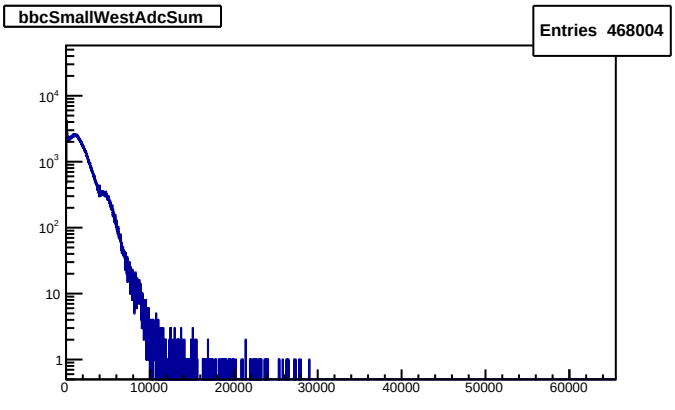
Simu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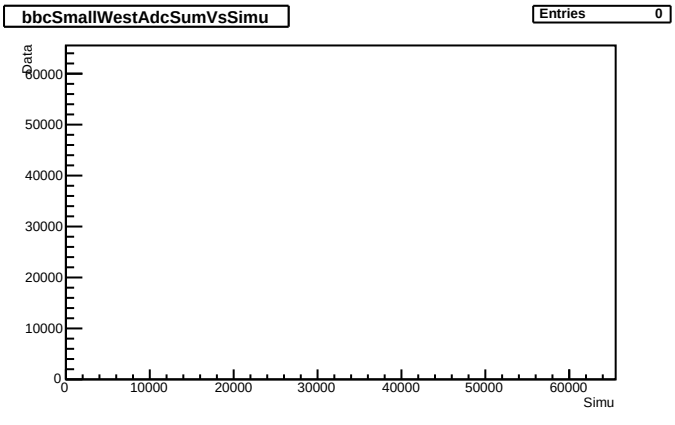
Entries 468004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Entries 0
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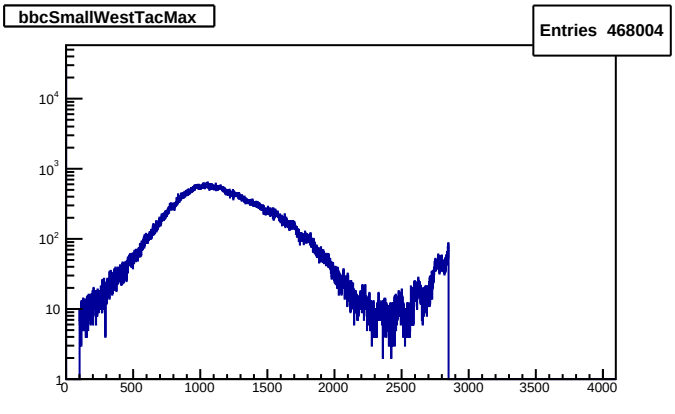
Simu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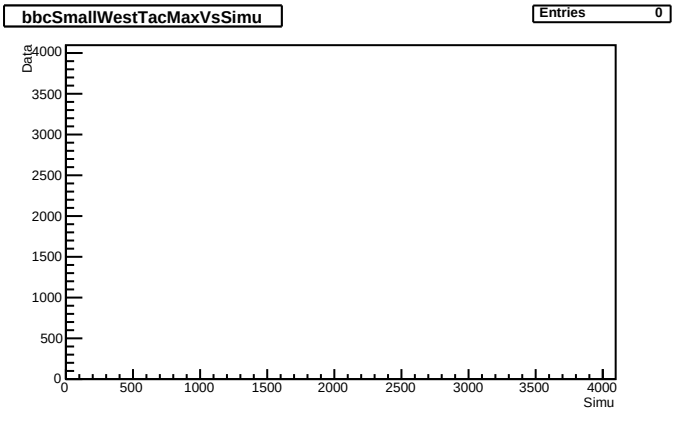
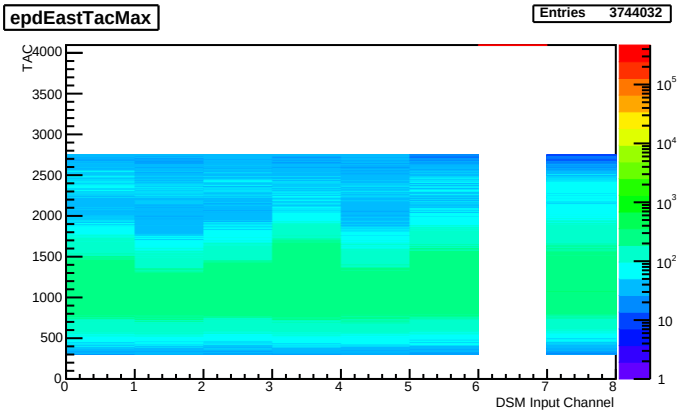
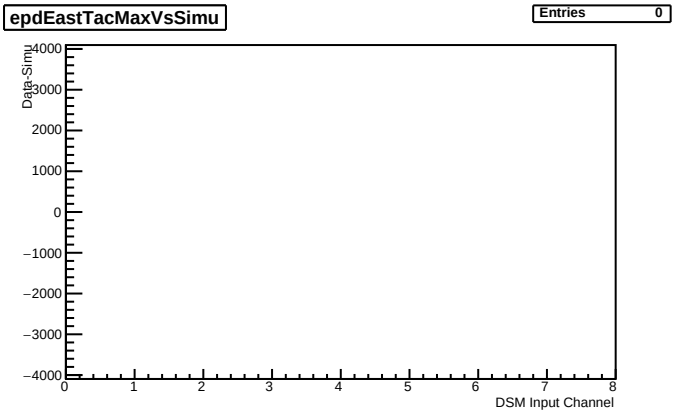

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 3744032
TAC
DSM Input Channel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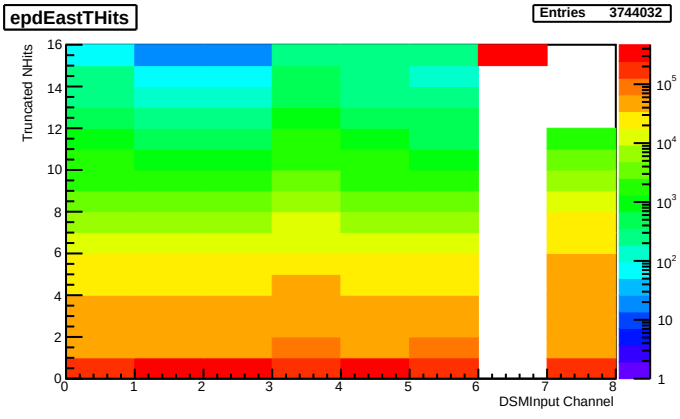
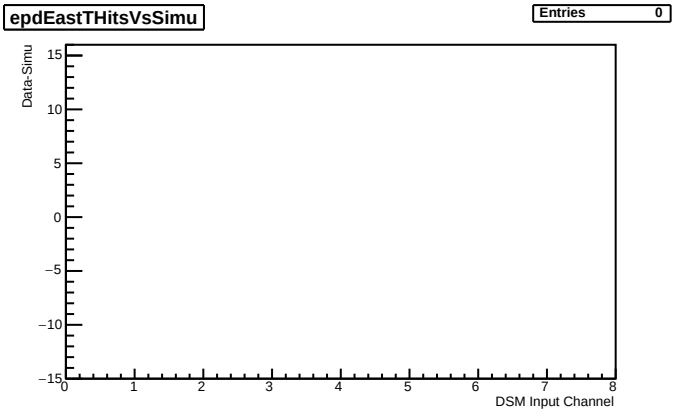
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3744032
Truncated NHits
DSMInput Channel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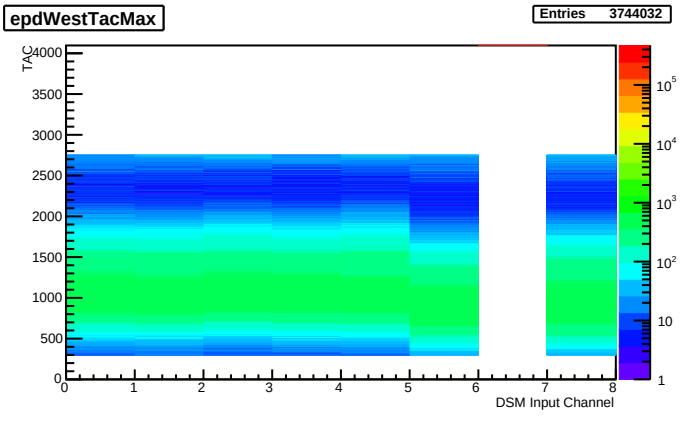
DSM Input Channel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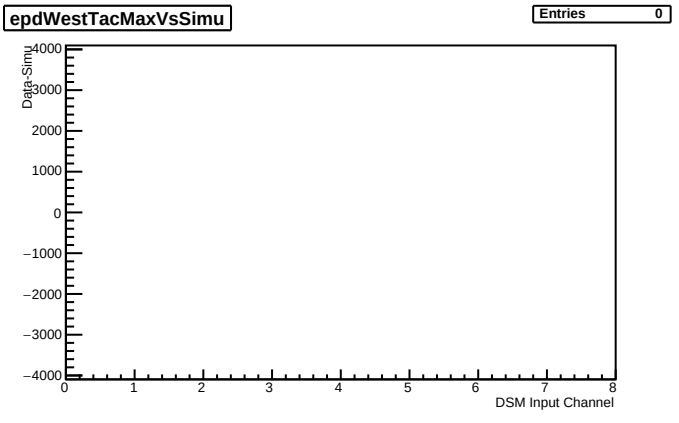
Entries 3744032
TAC
DSM Input Channel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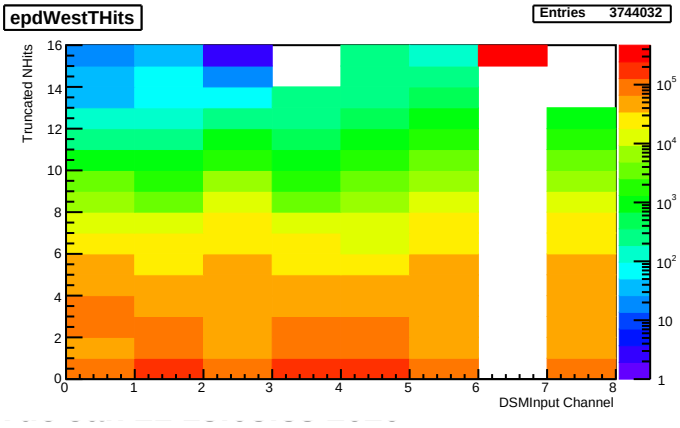
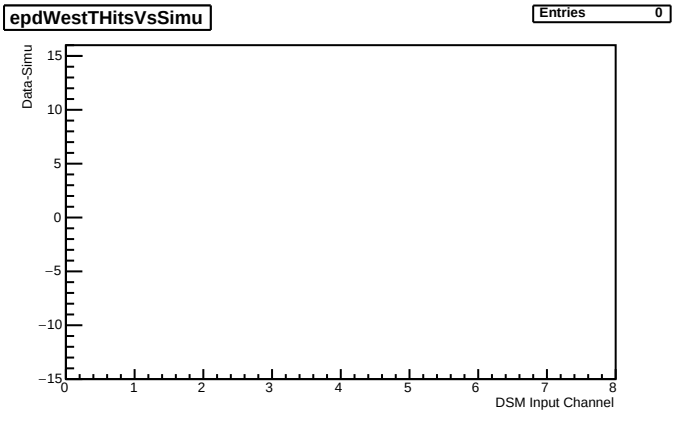
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3744032
Truncated NHits
DSMInput Channel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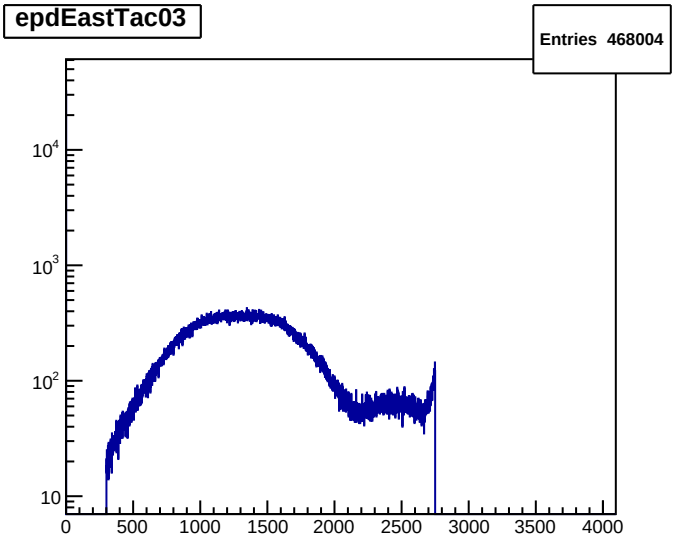
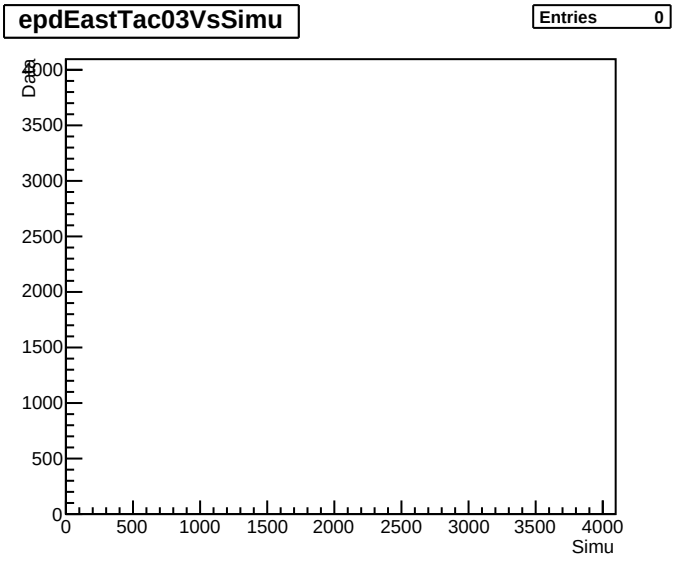
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 468004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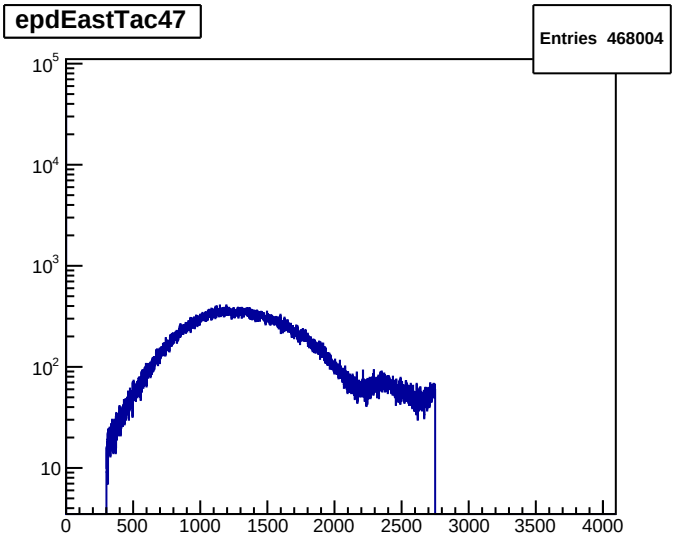
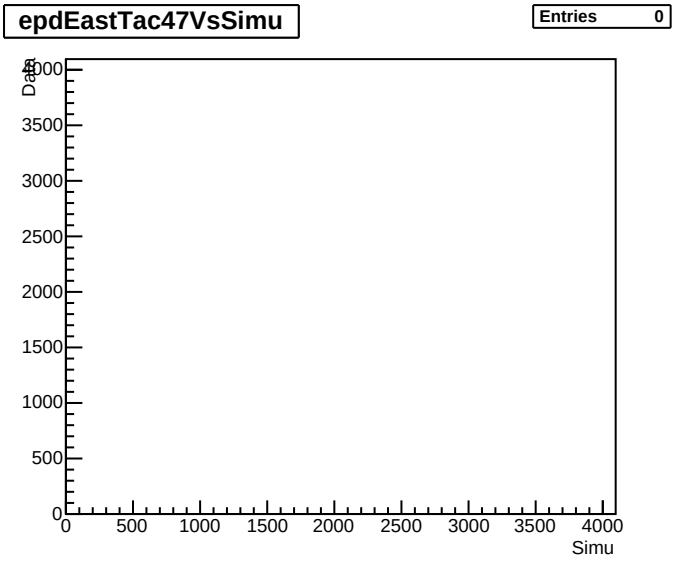
Entries 0
Data
Simu


epdEastTac47
Entries 468004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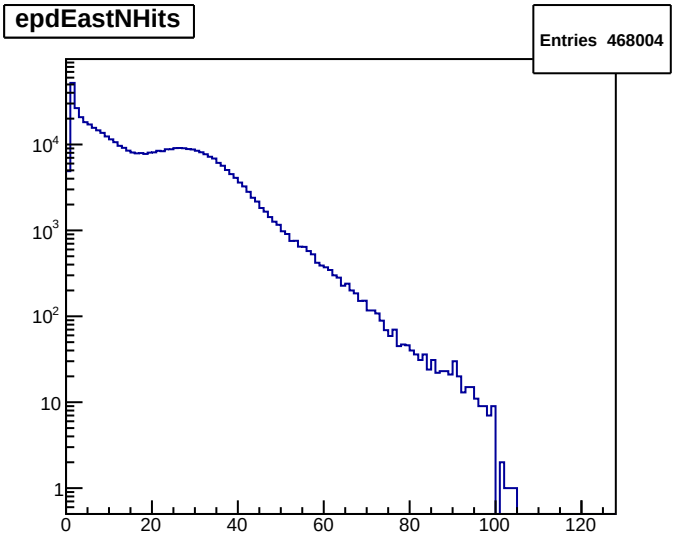
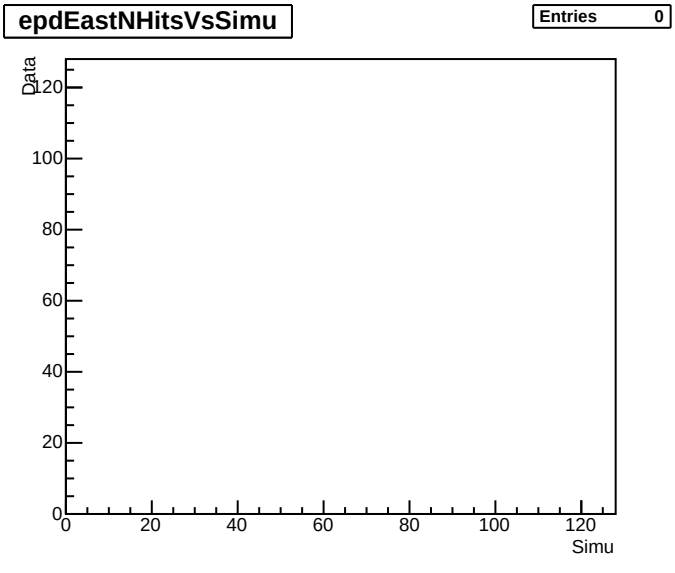
Entries 0
Data
Simu


epdEastNHits
Entries 468004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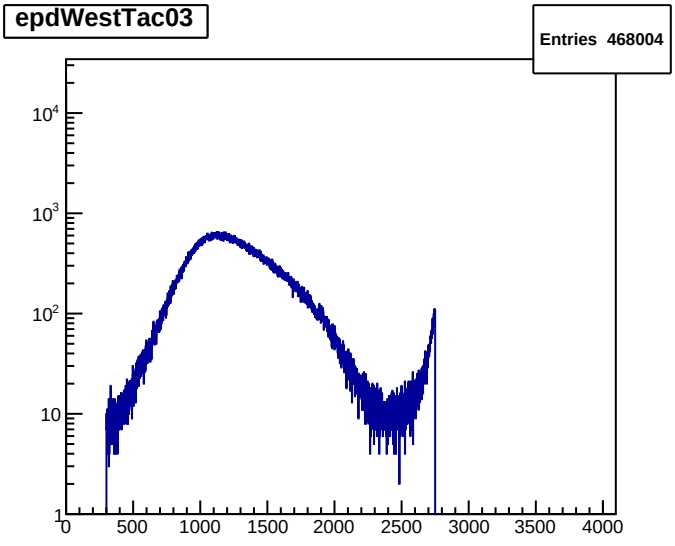
Data
Simu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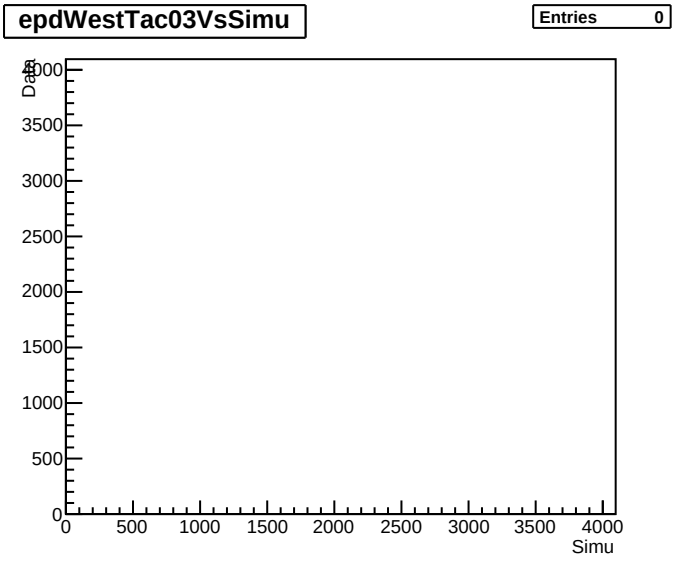
Entries 468004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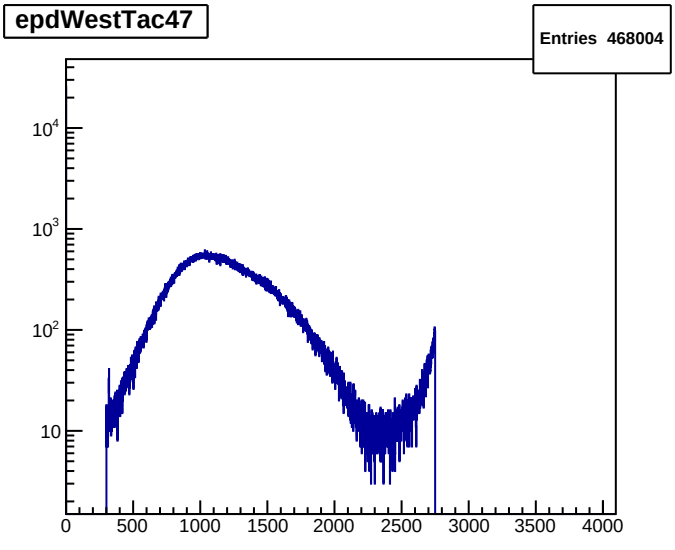
Entries 0
Data
Simu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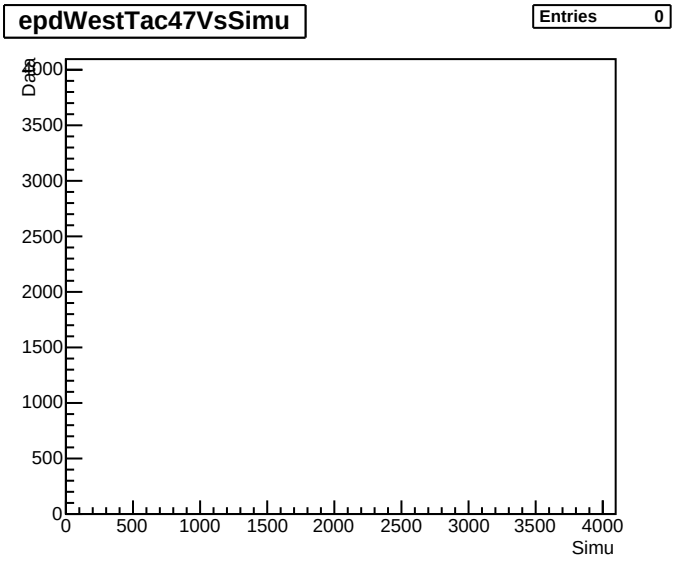
Entries 468004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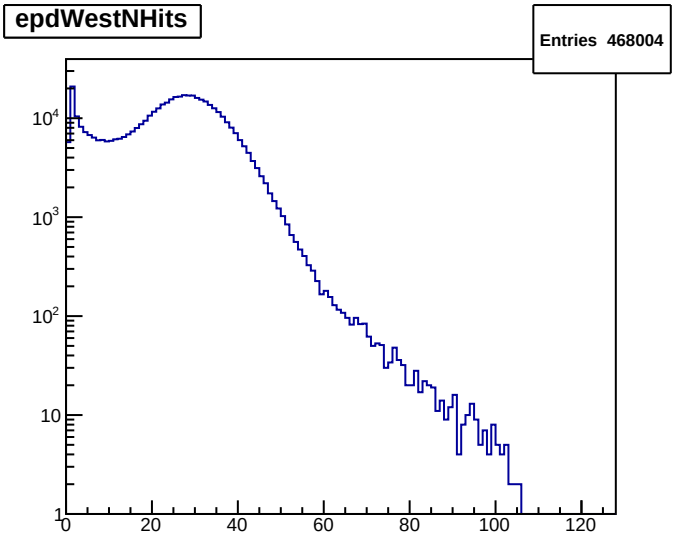
Entries 0
Data
Simu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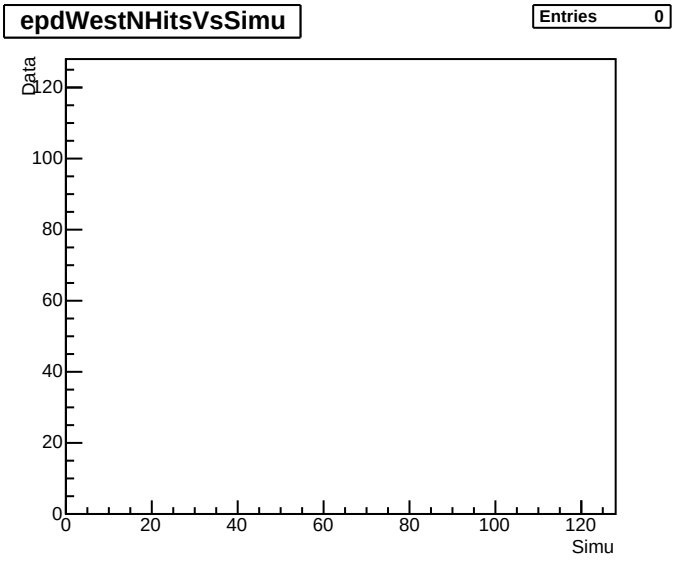
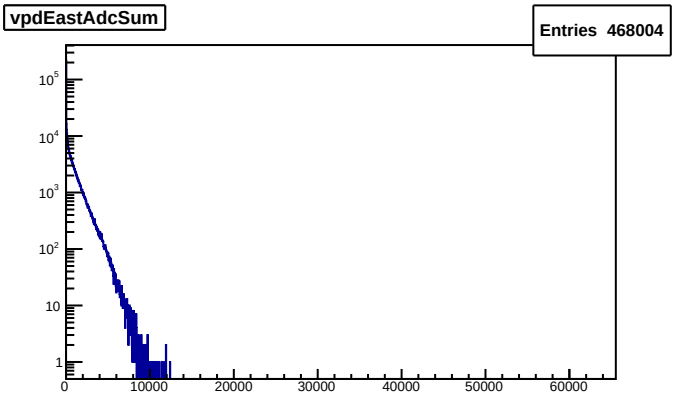
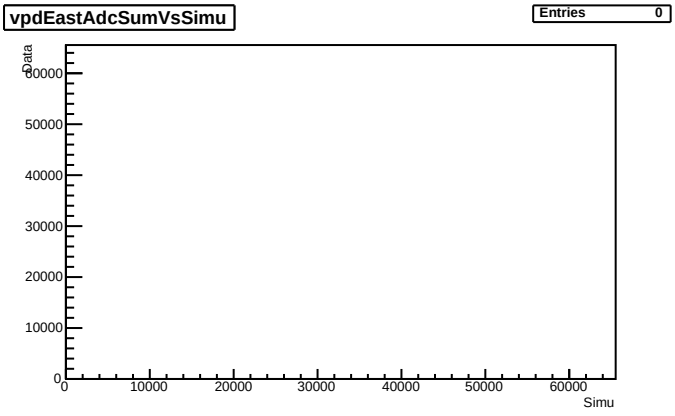
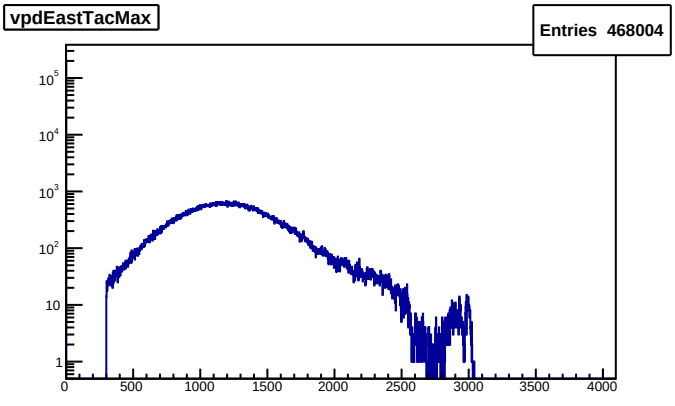
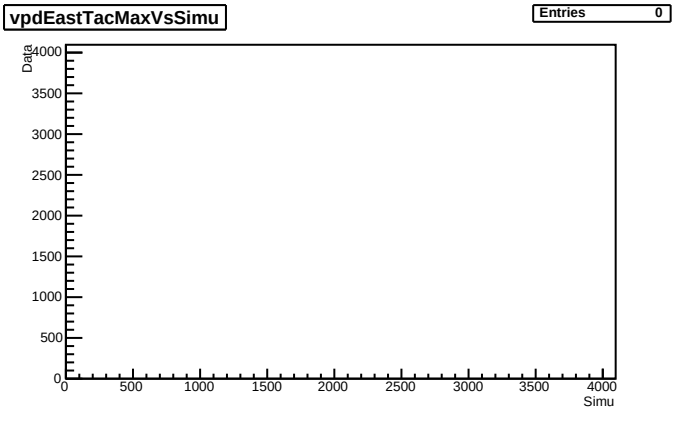
Entries 468004

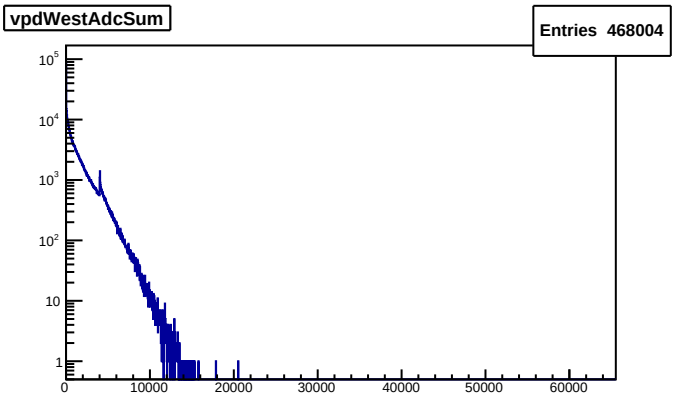

epdWestNHitsVsSimu
Entries 0
Data
Simu

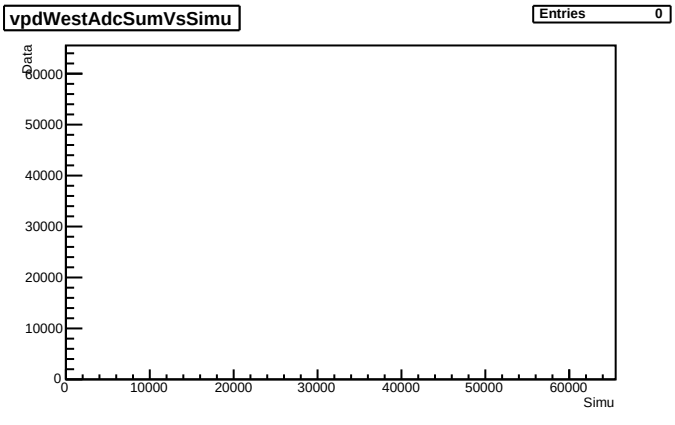

vpdEastAdcSum
Entries 468004


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 468004


vpdEastTacMaxVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries 468004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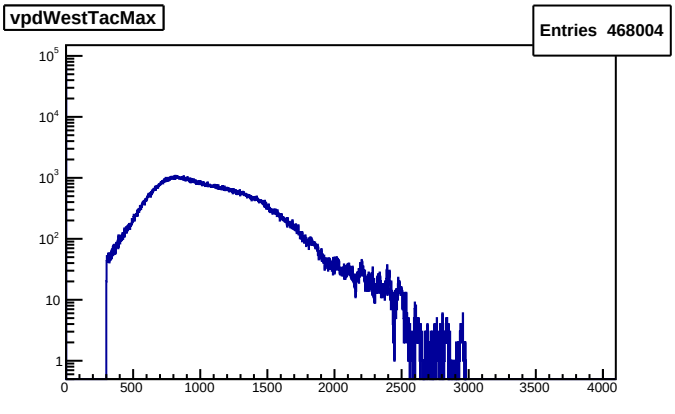
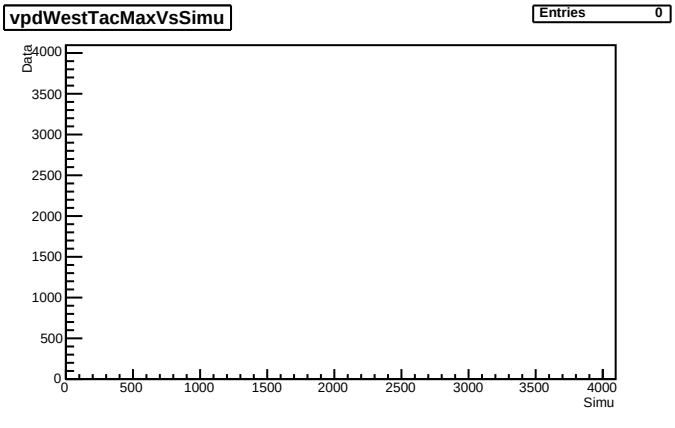
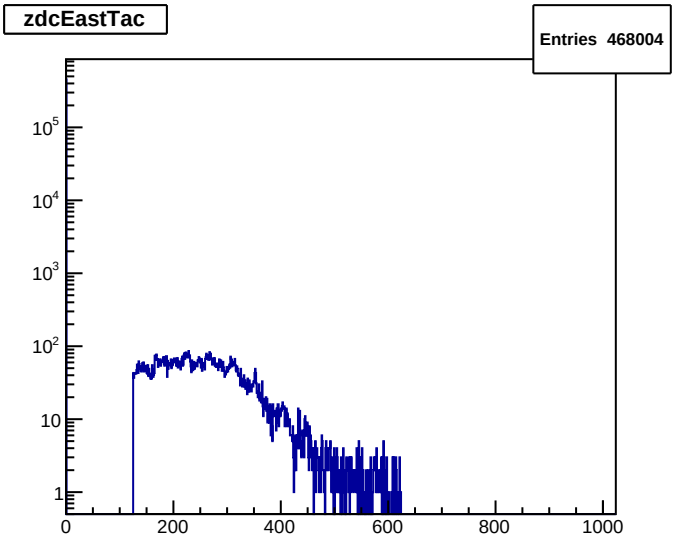
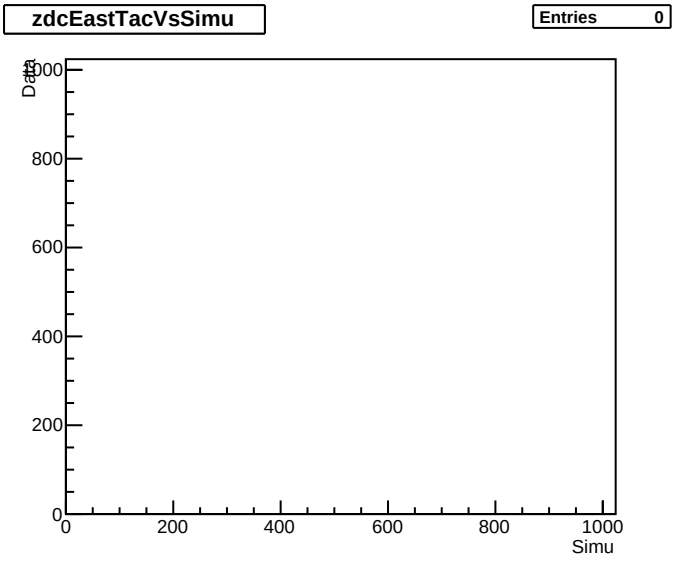
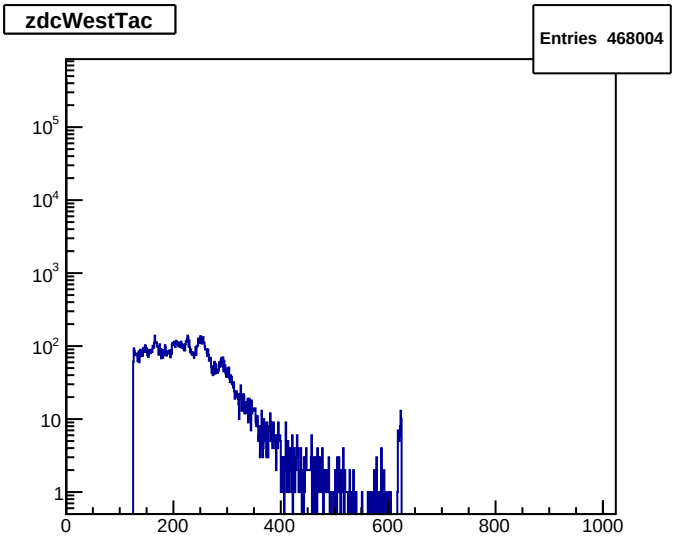
Entries 0
Data
Simu

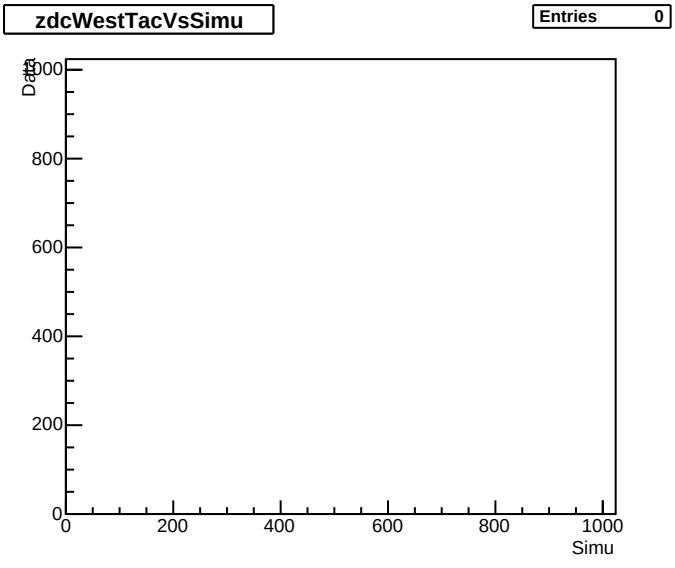

vpdWestTacMax
Entries 468004

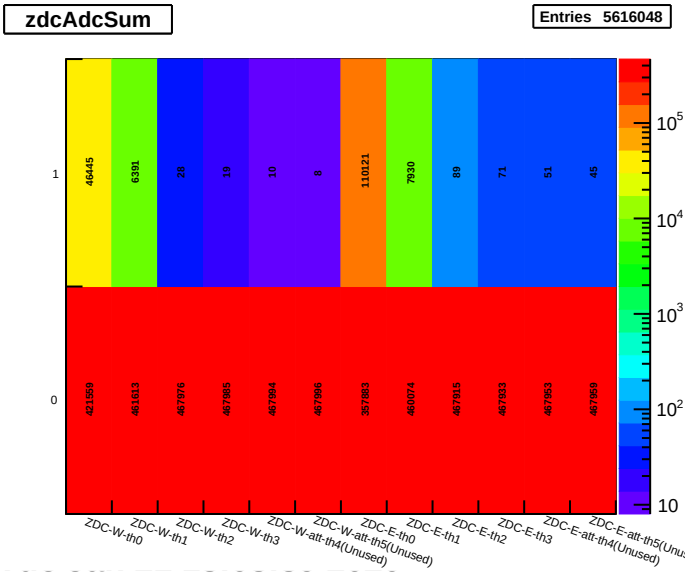

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

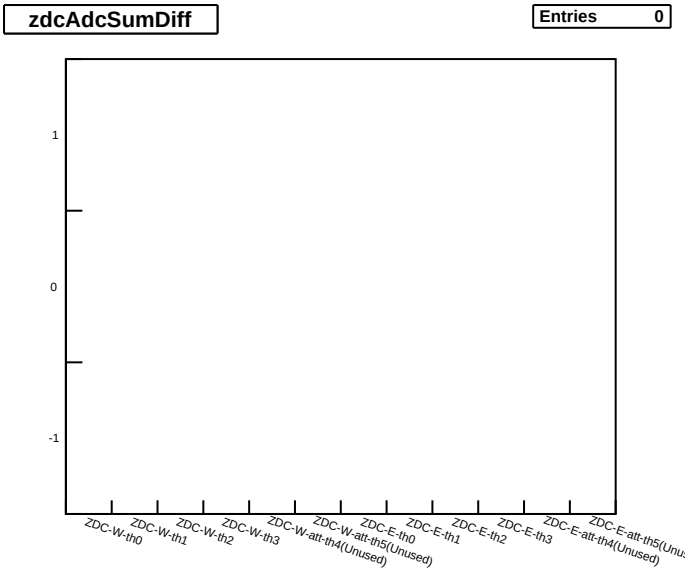

zdcEastTac
Entries 468004
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

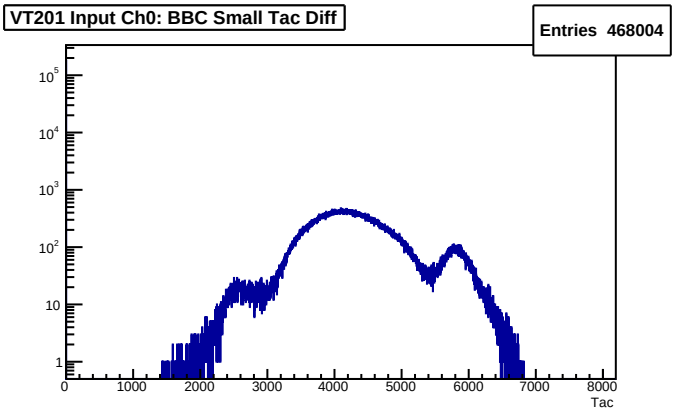

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

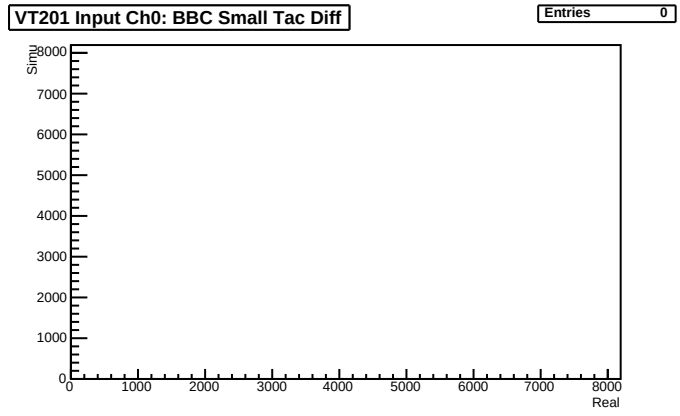

zdcWestTac
Entries 468004
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

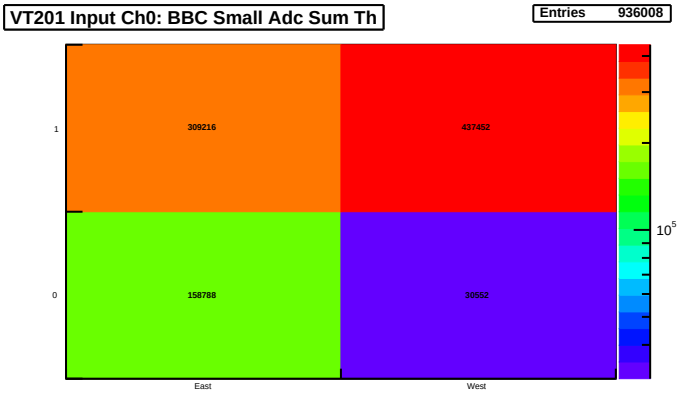

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

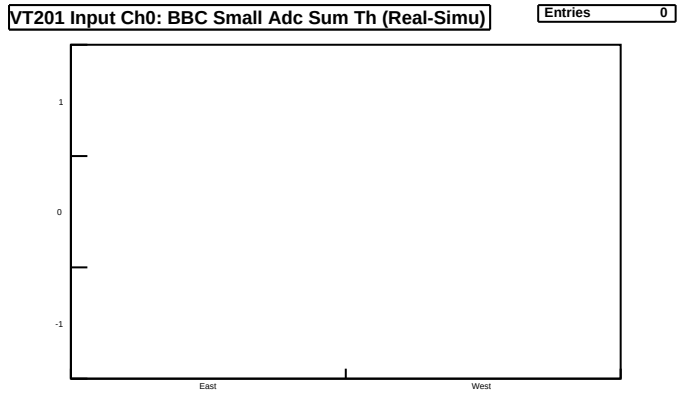

zdcAdcSum
Entries 5616048
1
0
46445
6391
28
19
10
8
110121
7930
89
71
51
45
421599
461613
467976
467985
467994
467996
357883
460074
467915
467933
467953
467959
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

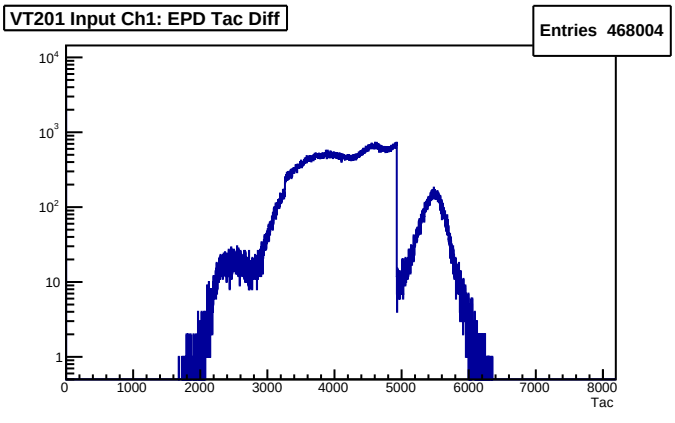

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

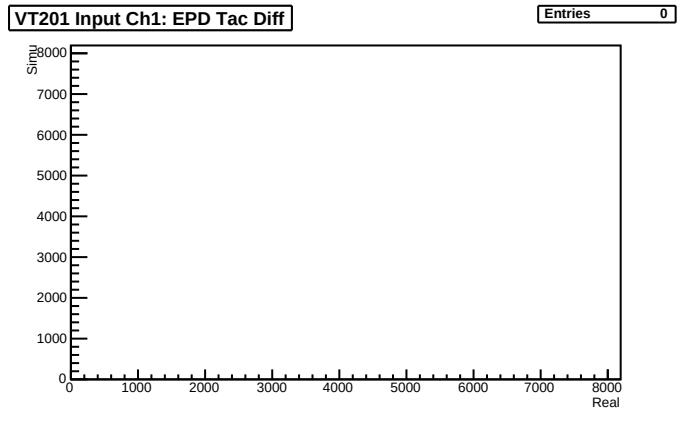

VT201 Input Ch0: BBC Small Tac Diff
Entries 468004
Tac

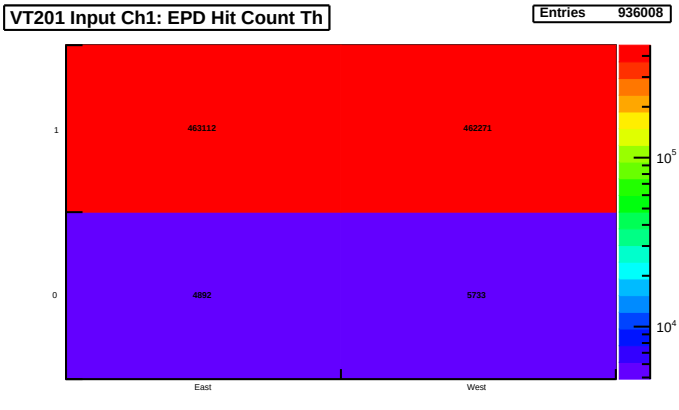

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

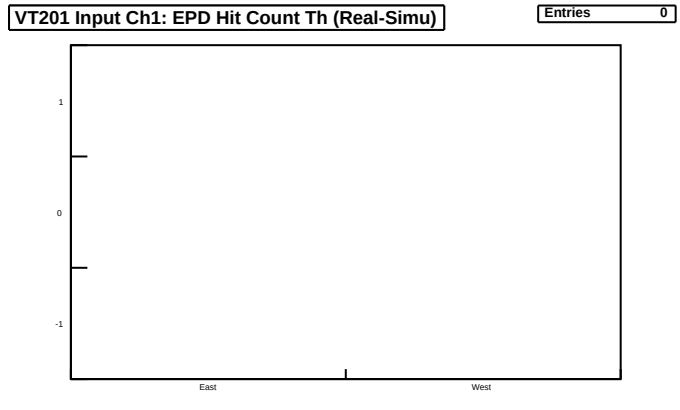

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 936008
309216
437452
158788
30552
East
West

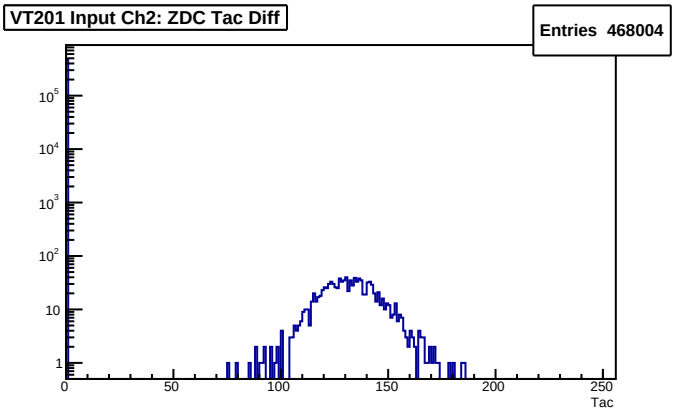

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

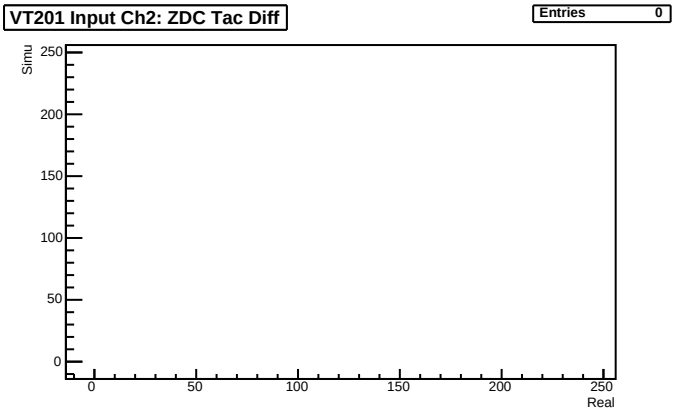

VT201 Input Ch1: EPD Tac Diff
Entries 468004
Tac

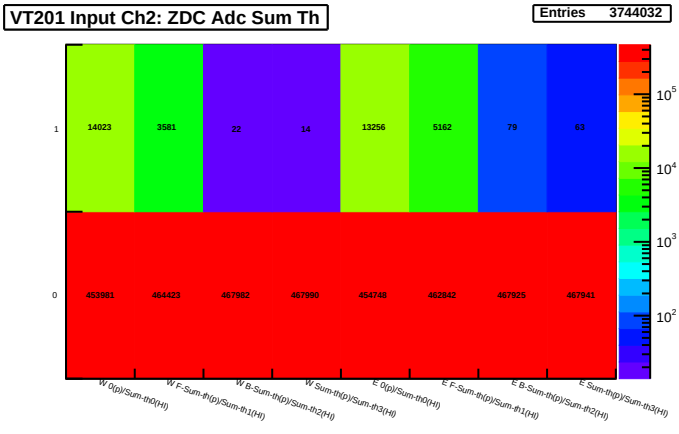

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

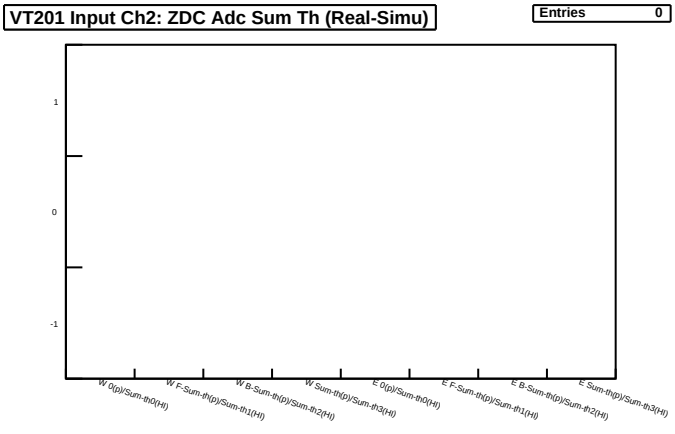

VT201 Input Ch1: EPD Hit Count Th
Entries 936008
463112
462271
4892
5733
East
West

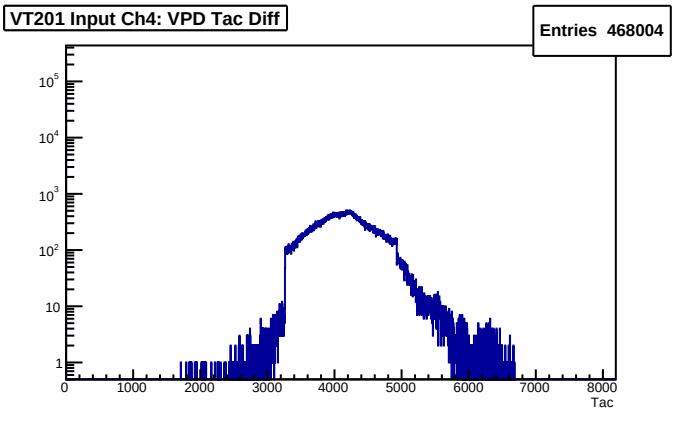

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

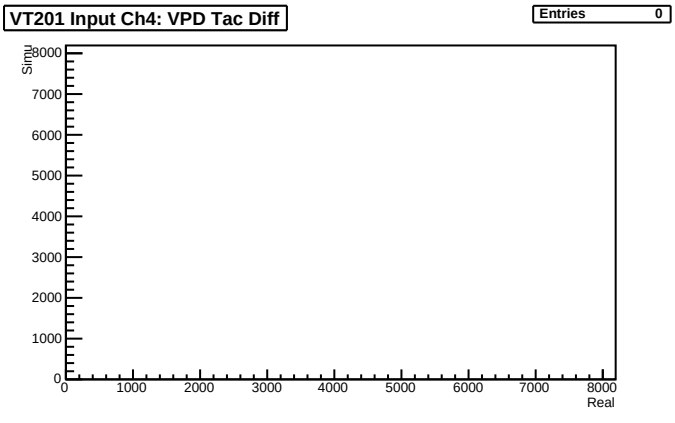

VT201 Input Ch2: ZDC Tac Diff
Entries 468004
Tac

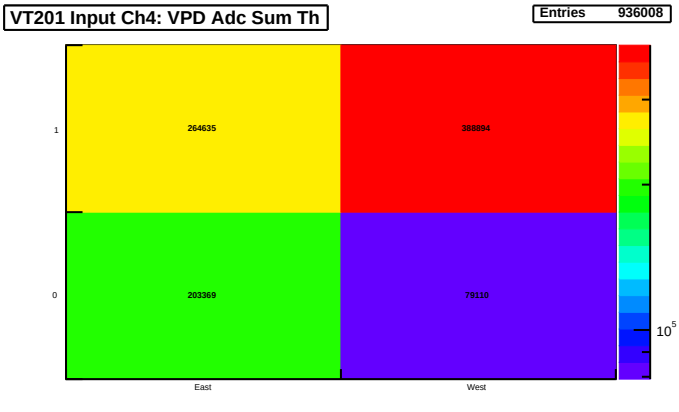

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

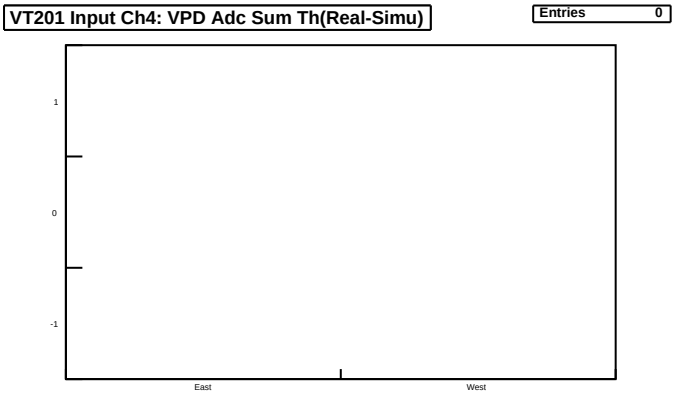

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3744032
14023
3581
22
14
13256
5162
79
63
453981
464423
467982
467990
454748
462842
467925
467941
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

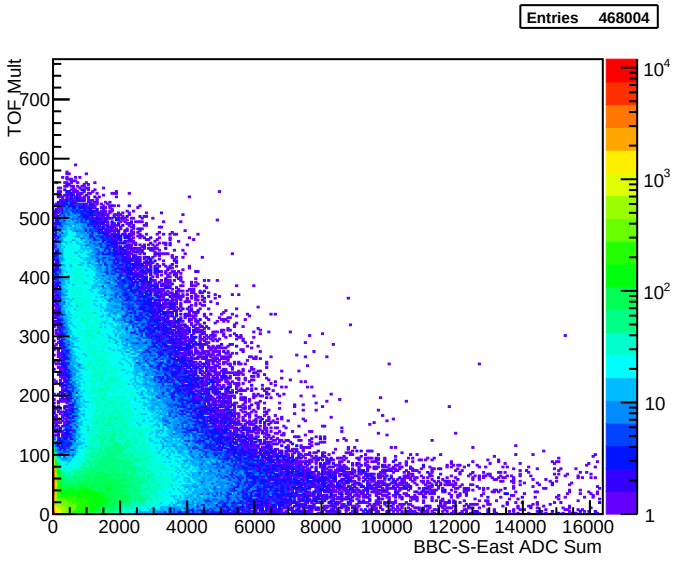

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

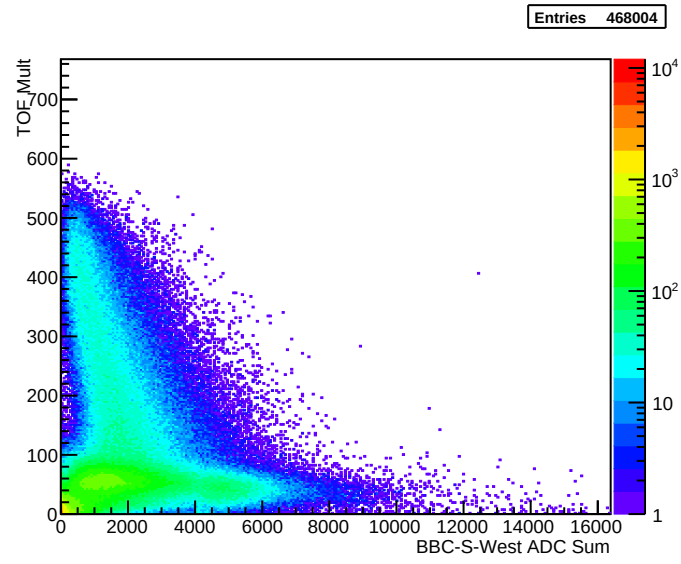

VT201 Input Ch4: VPD Tac Diff
Entries 468004
Tac

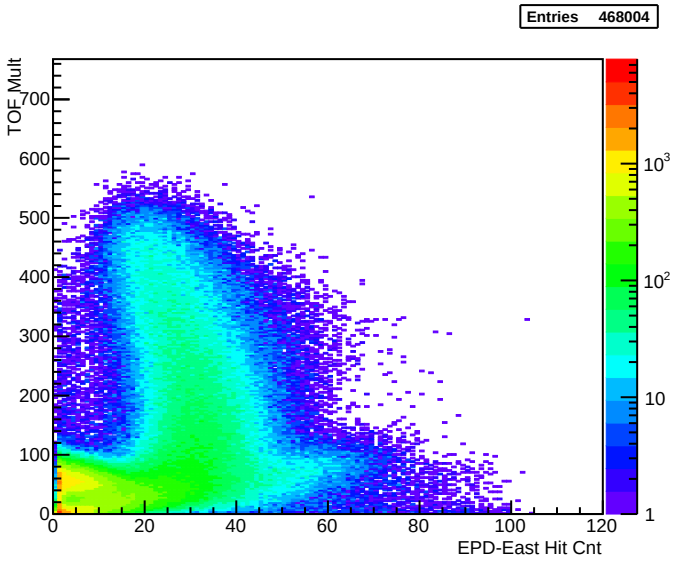

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

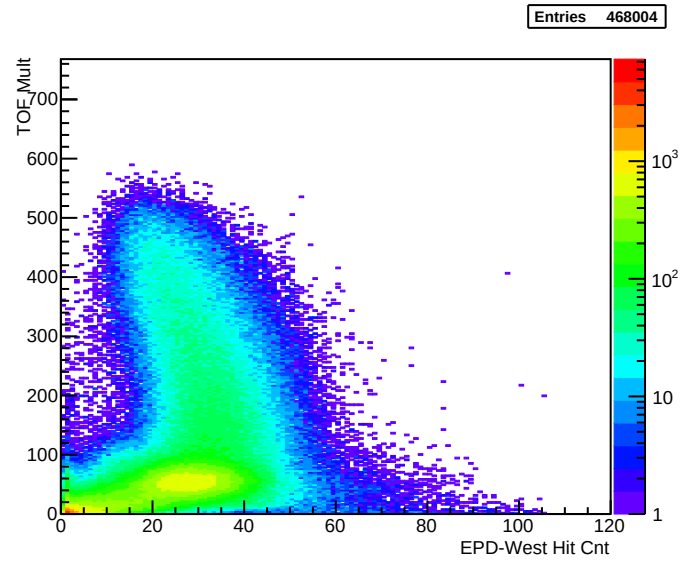

VT201 Input Ch4: VPD Adc Sum Th
Entries 936008
264635
388894
203369
79110
East
West

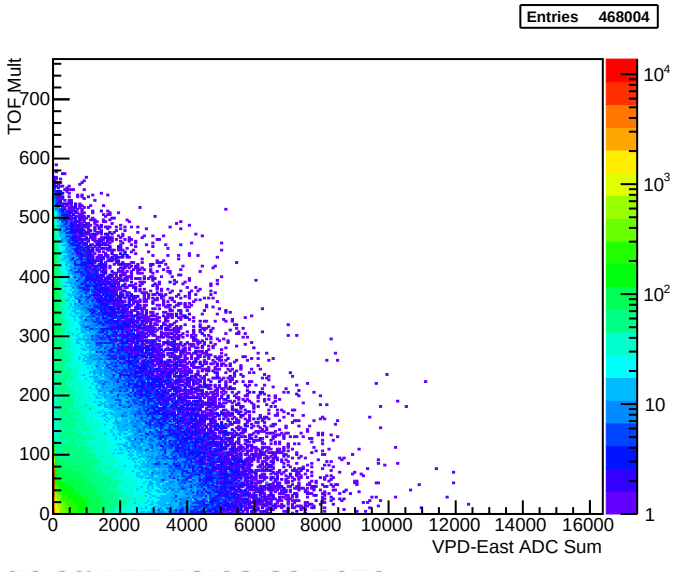

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

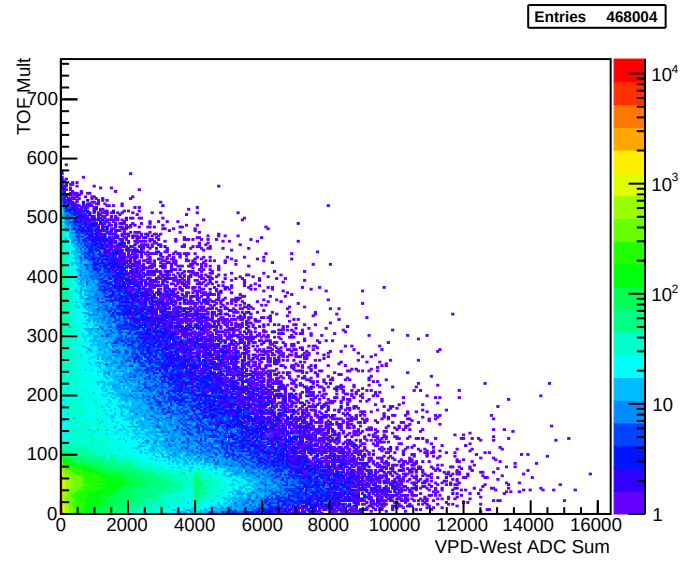

Entries 468004
TOF_Mult
BBC-S-East ADC Sum

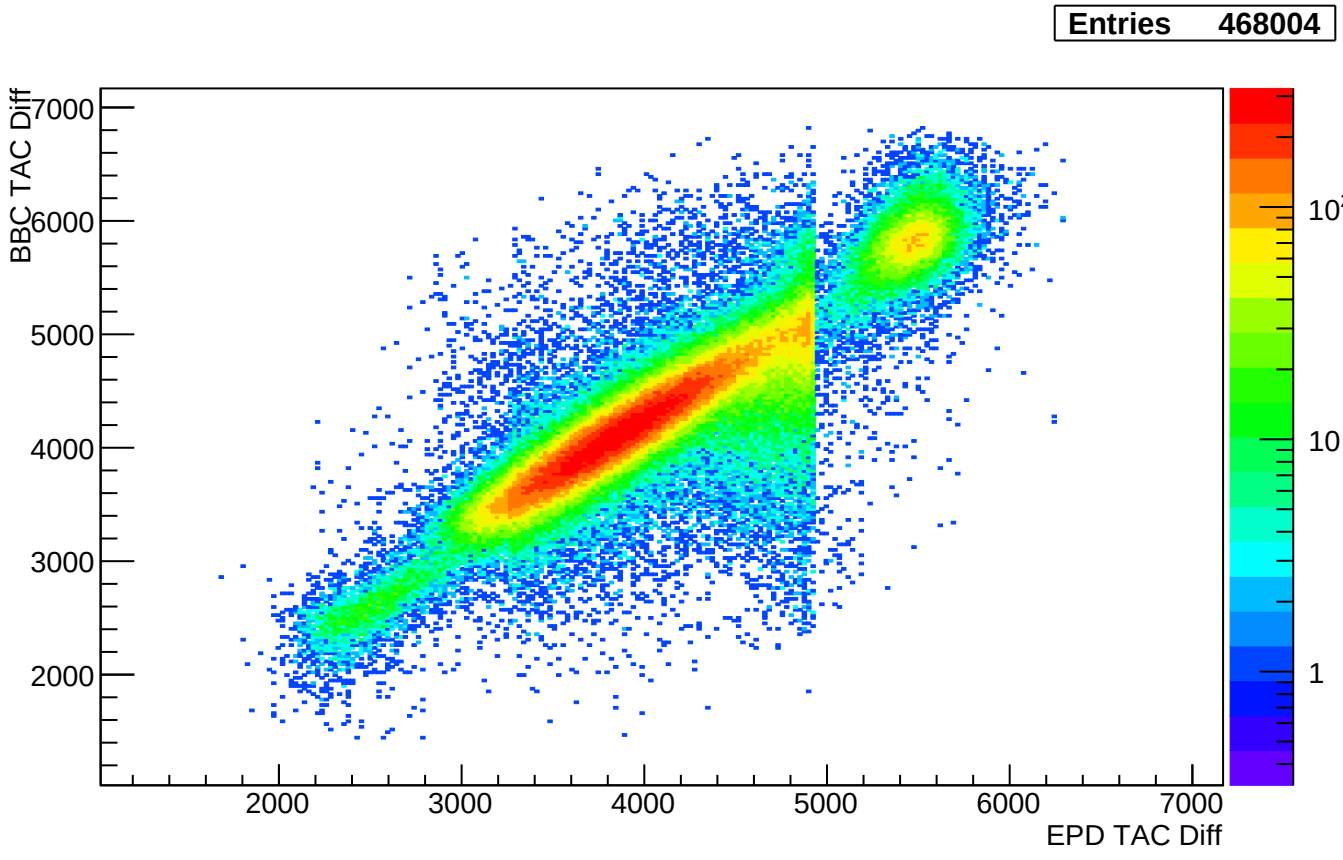

Entries 468004
TOF_Mult
BBC-S-West ADC Sum

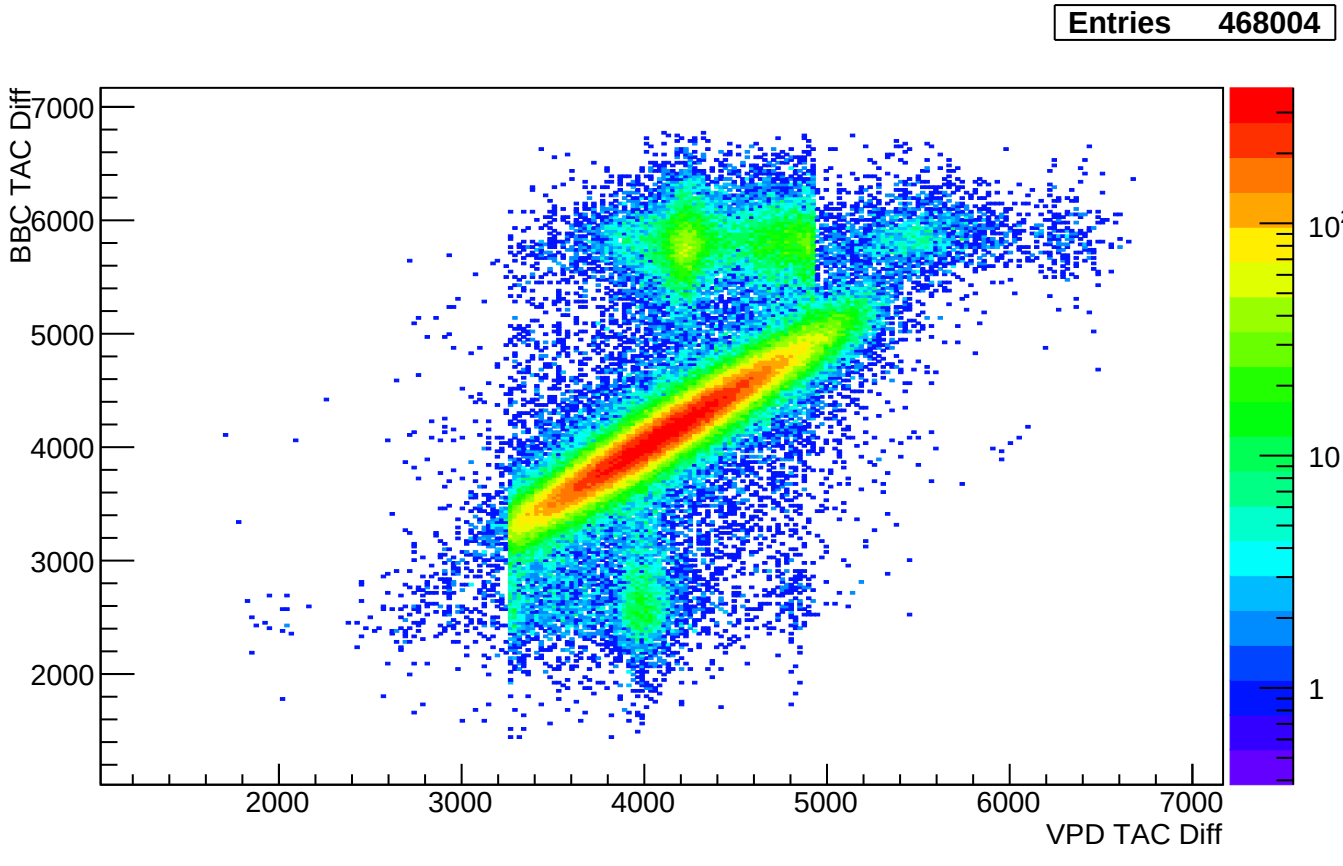

Entries 468004
TOF_Mult
EPD-East Hit Cnt

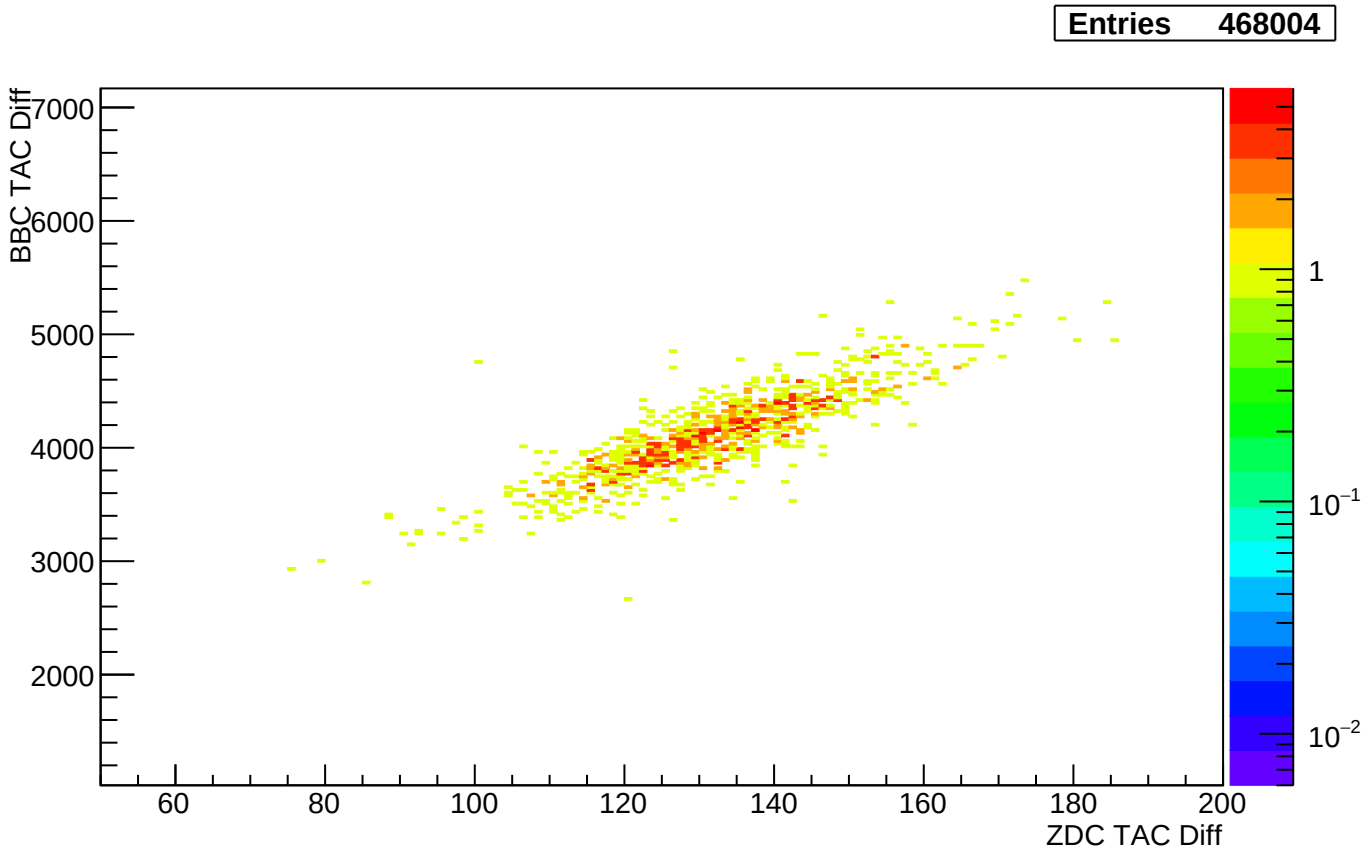

Entries 468004
TOF_Mult
EPD-West Hit Cnt

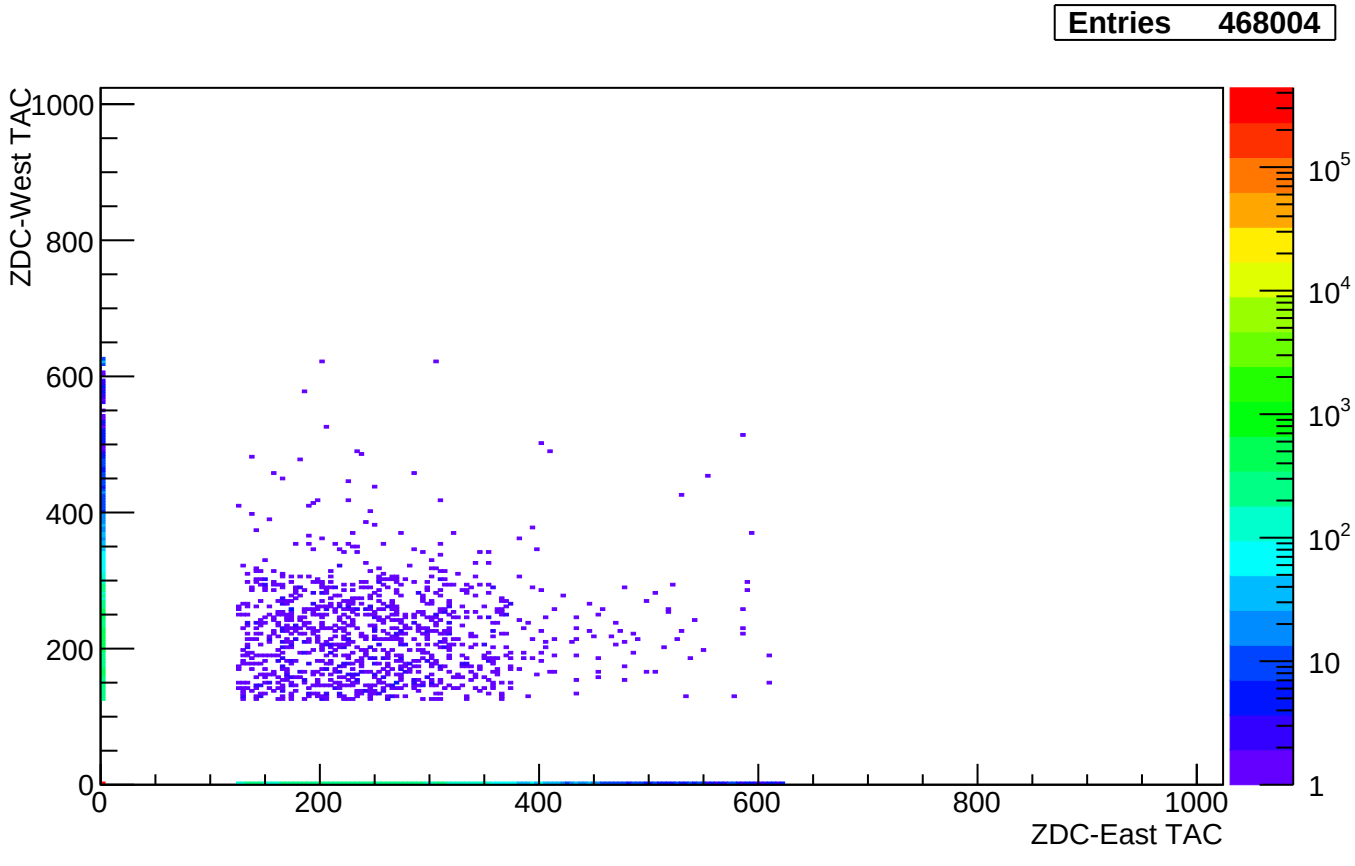

Entries 468004
TOF_Mult
VPD-East ADC Sum

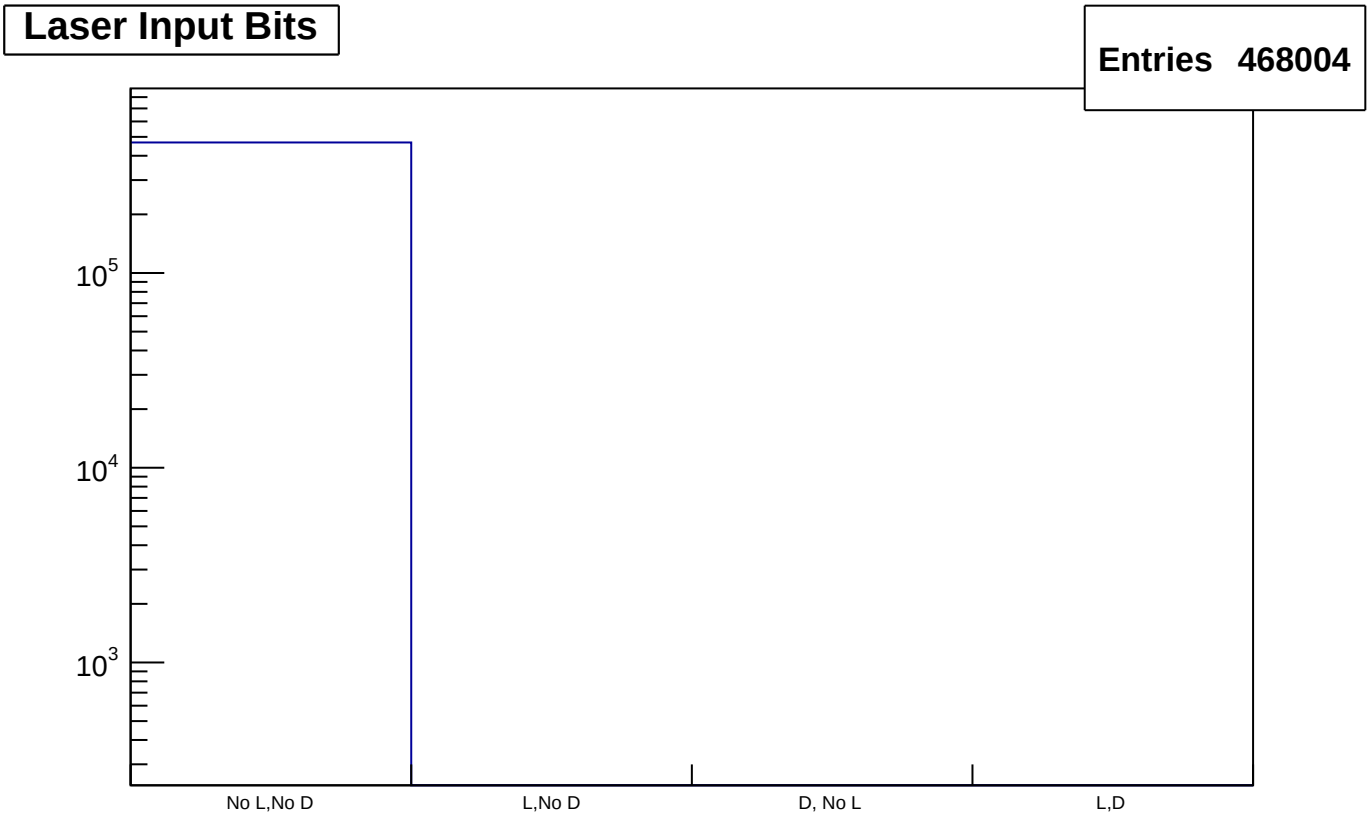

Entries 468004
TOF_Mult
VPD-West ADC Sum

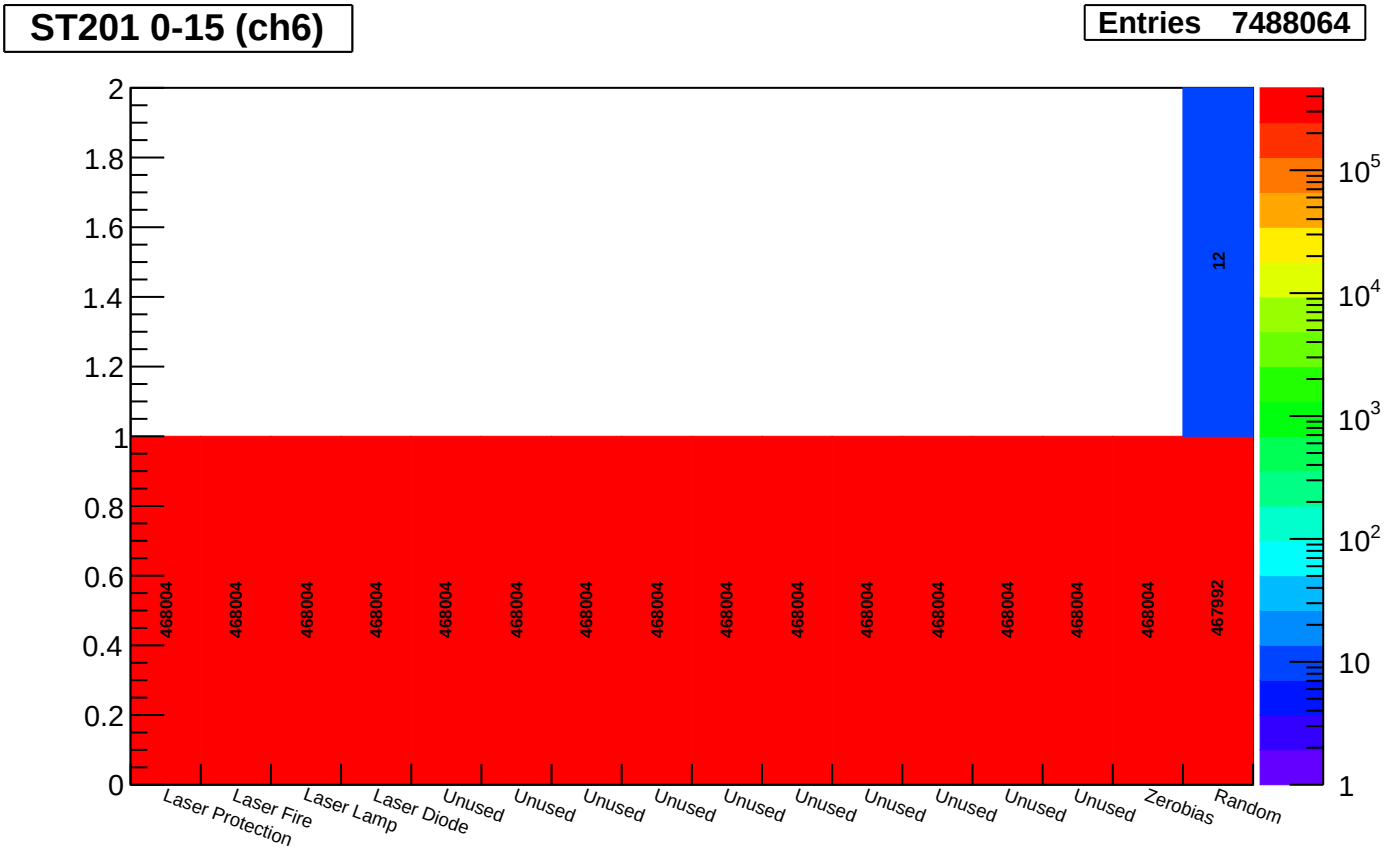

Entries 468004
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

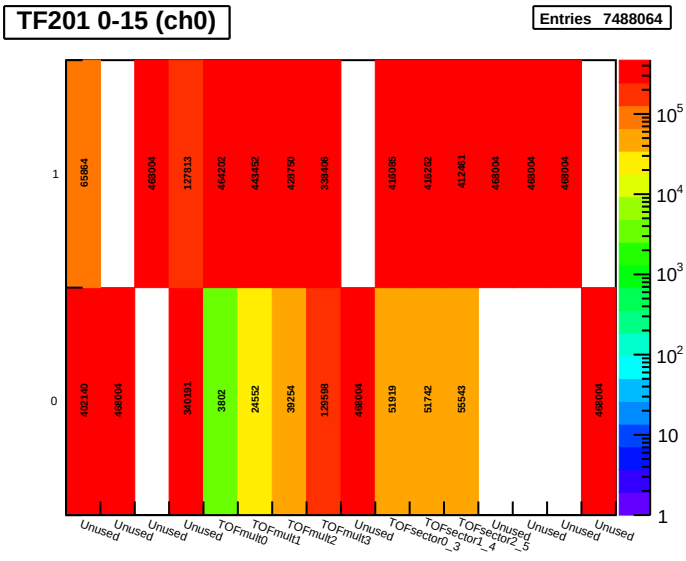

Entries 468004
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

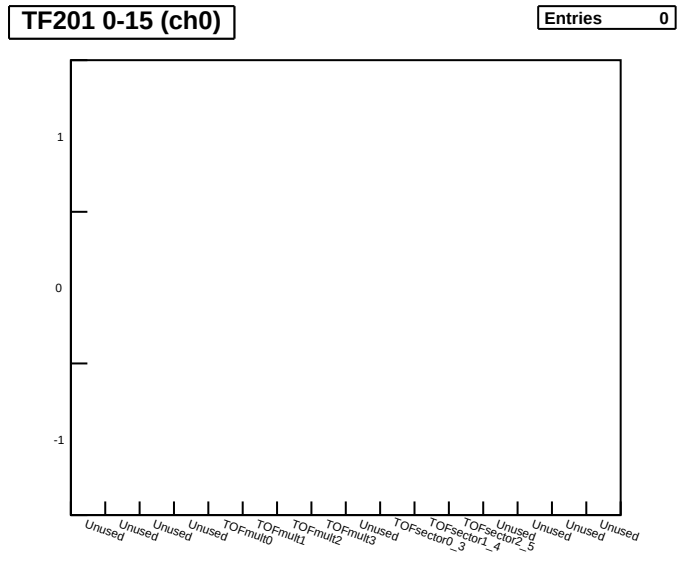

Entries 468004
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

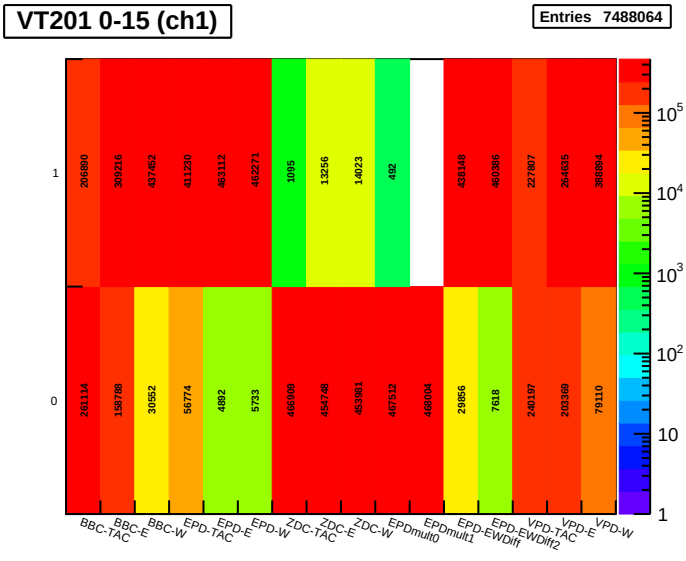

Entries 468004
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

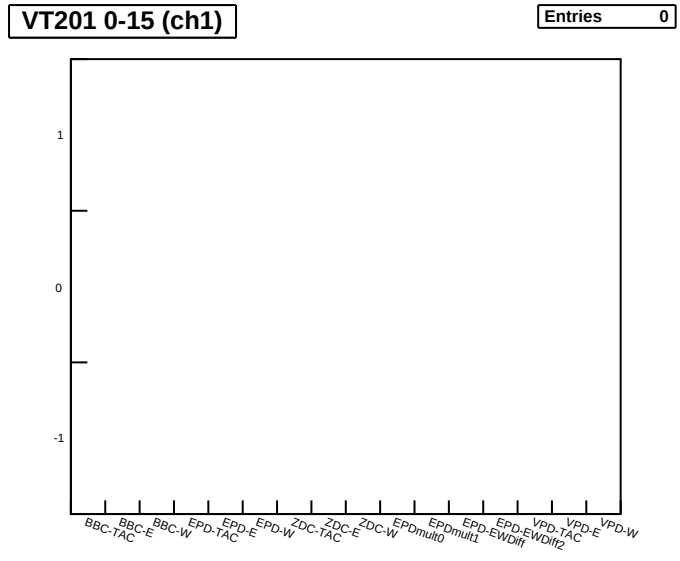

Laser Input Bits
Entries 468004
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

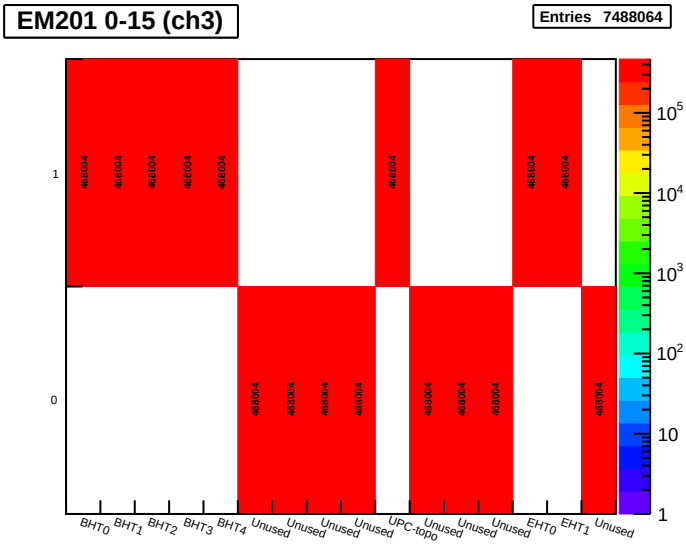

ST201 0-15 (ch6)
Entries 7488064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
468004
467992
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

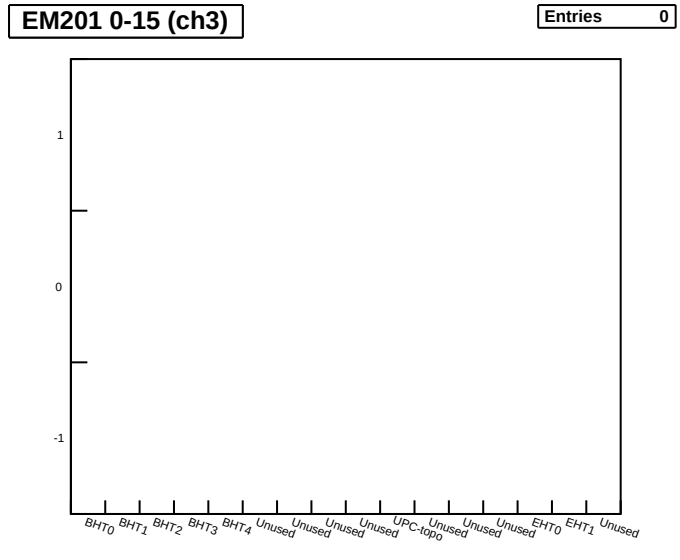

TF201 0-15 (ch0)
Entries 7488064
1
0
65864
468004
127813
464202
443452
423750
338406
416085
416262
412461
468004
468004
468004
402140
468004
340191
3802
24552
39254
129598
468004
51919
51742
55543
468004
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 7488064
1
0
206890
309216
437452
411230
463112
462271
1095
13256
14023
492
438148
460386
227807
264635
368884
261114
158788
30552
56774
4892
5733
466909
454748
453981
467512
468004
29656
7618
240197
203369
79110
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 7488064
1
0
468004
468004
468004
468004
468004
468004
468004
468004
468004
468004
468004
468004
468004
468004
468004
468004
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