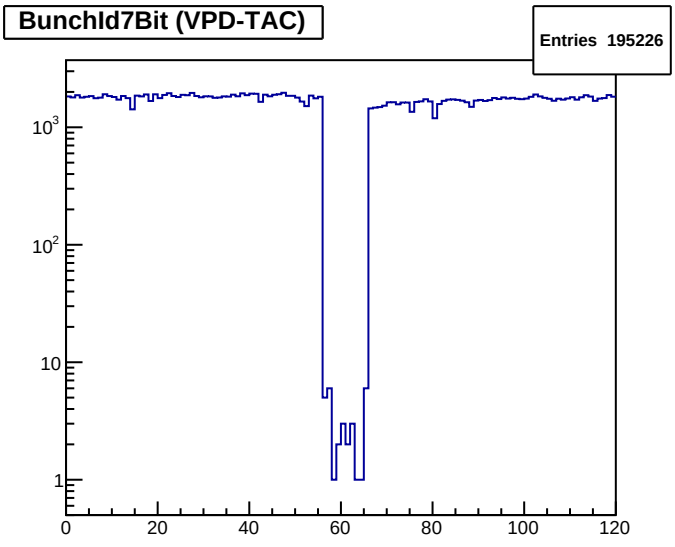
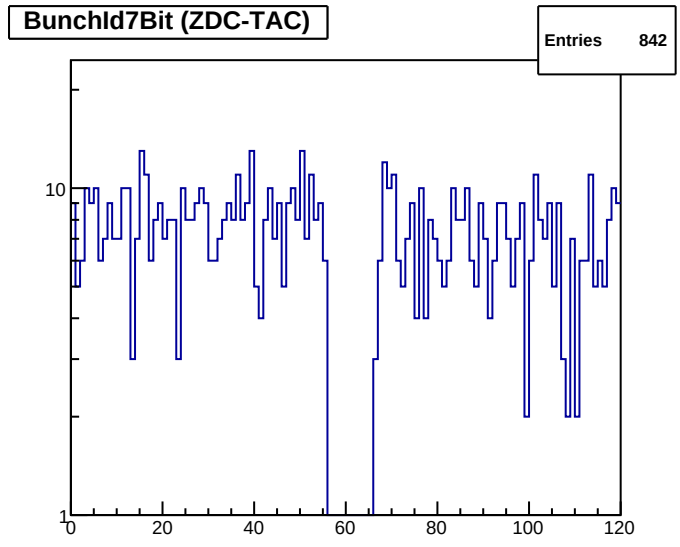
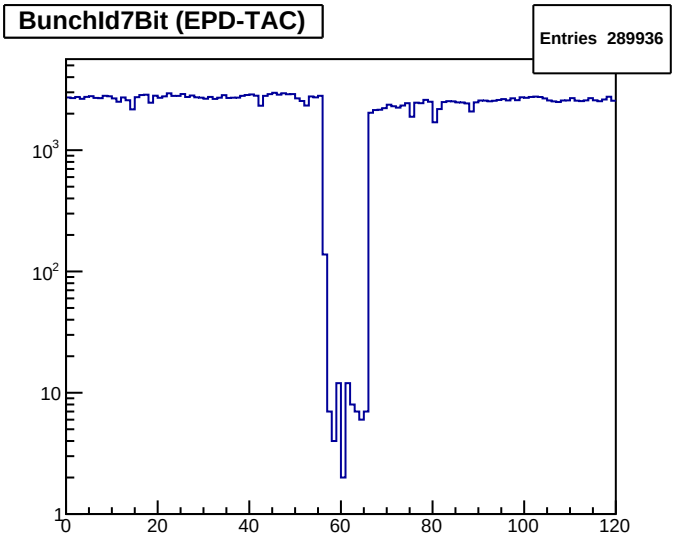
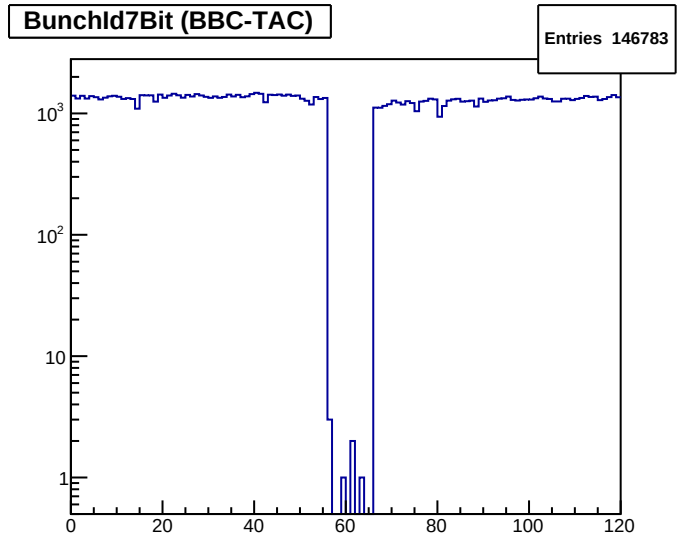
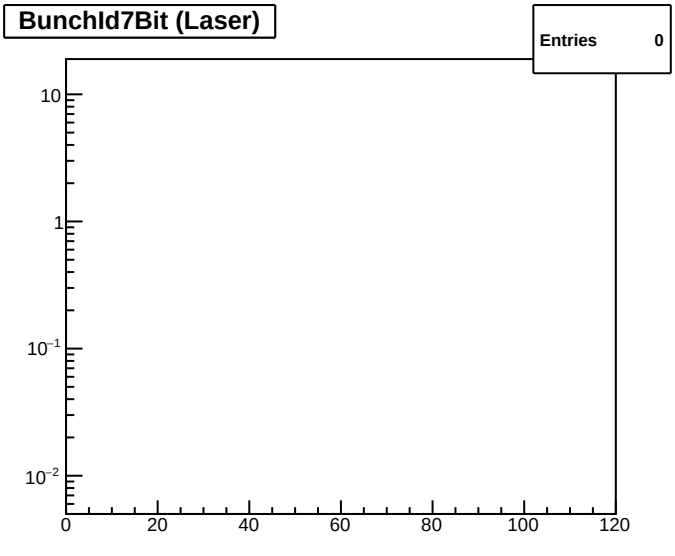
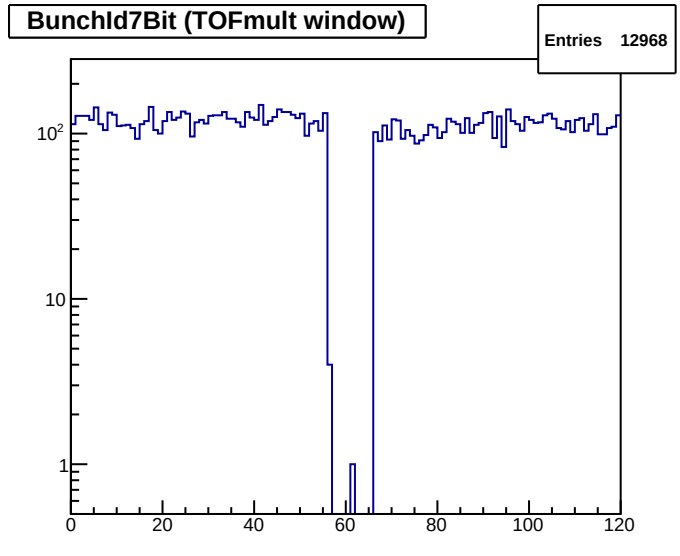

BunchId7Bit (VPD-TAC)
Entries 195226

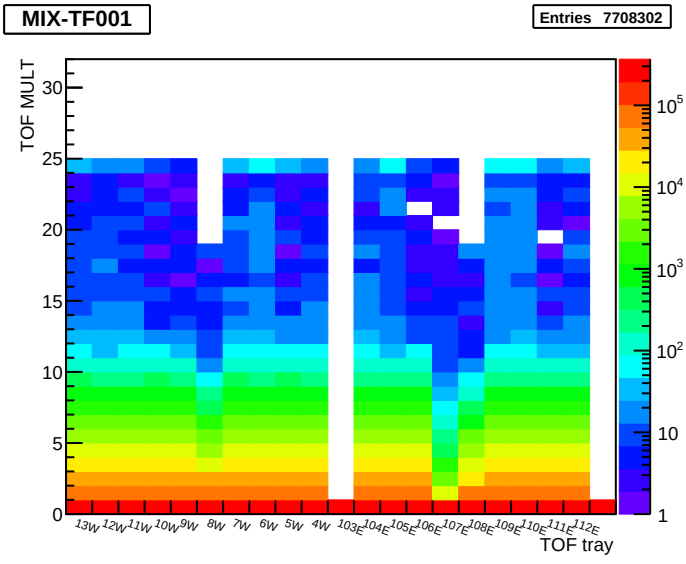

BunchId7Bit (ZDC-TAC)
Entries 842

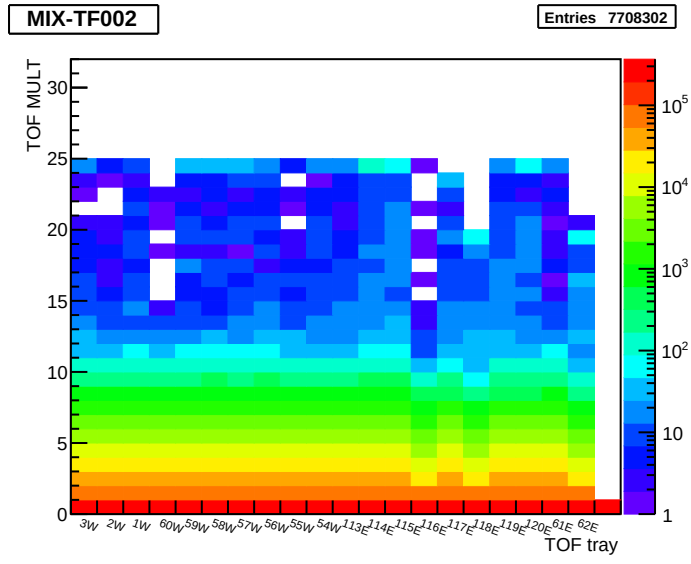

BunchId7Bit (EPD-TAC)
Entries 289936

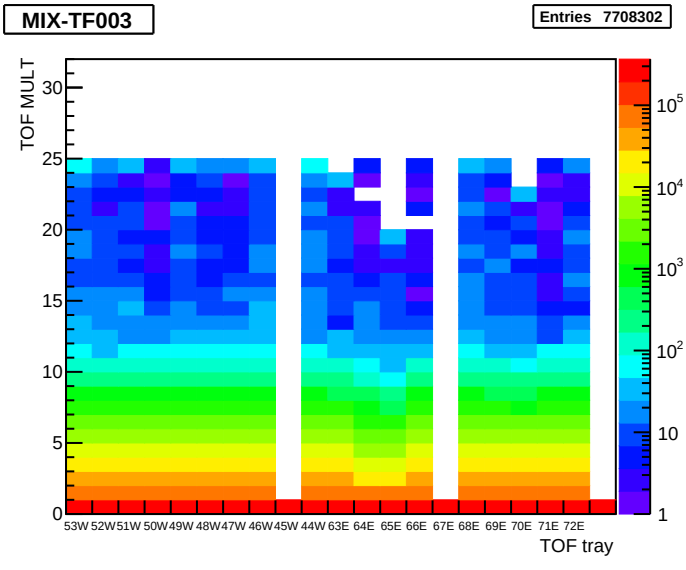

BunchId7Bit (BBC-TAC)
Entries 146783

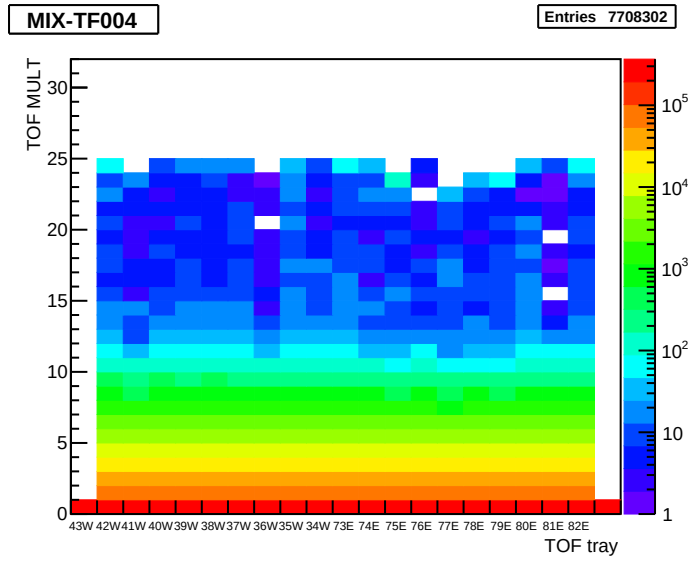

BunchId7Bit (Laser)
Entries 0

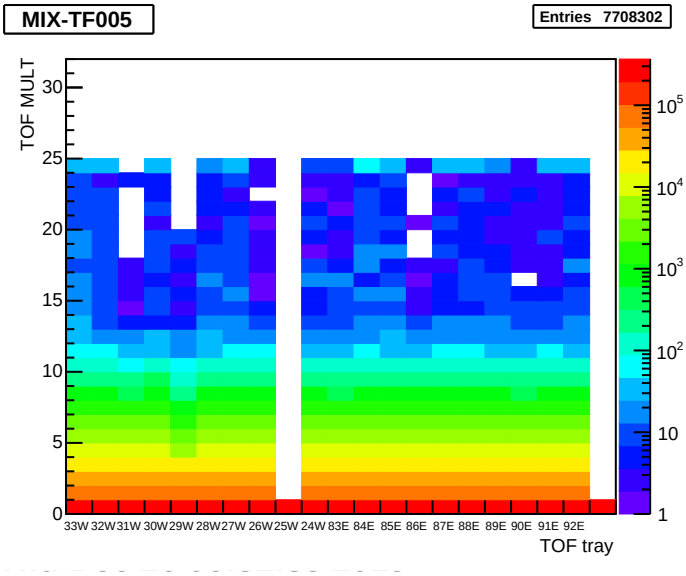

BunchId7Bit (TOFmult window)
Entries 12968

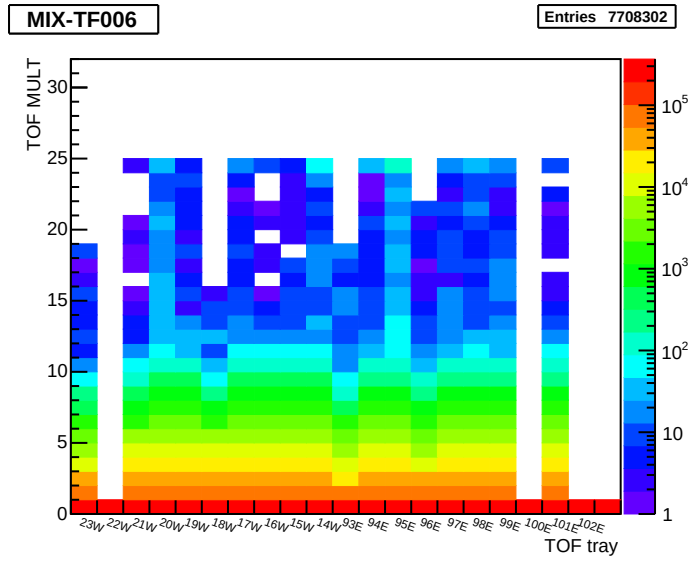

MIX-TF001
Entries 7708302
TOF MULT
TOF tray

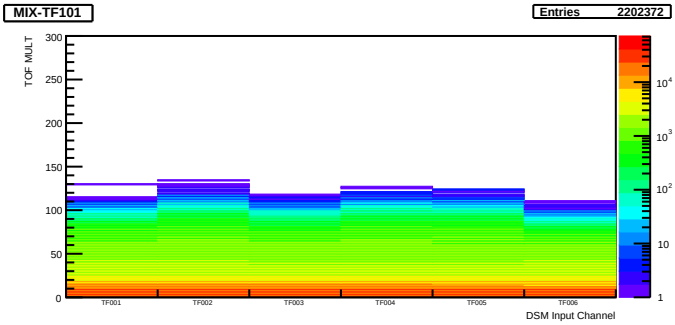

MIX-TF002
Entries 7708302
TOF MULT
TOF tray

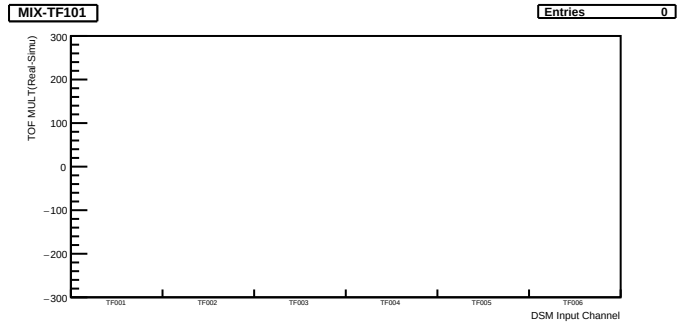

MIX-TF003
Entries 7708302
TOF MULT
TOF tray

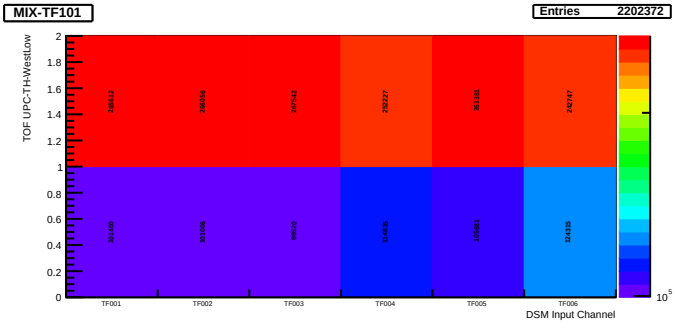

MIX-TF004
Entries 7708302
TOF MULT
TOF tray

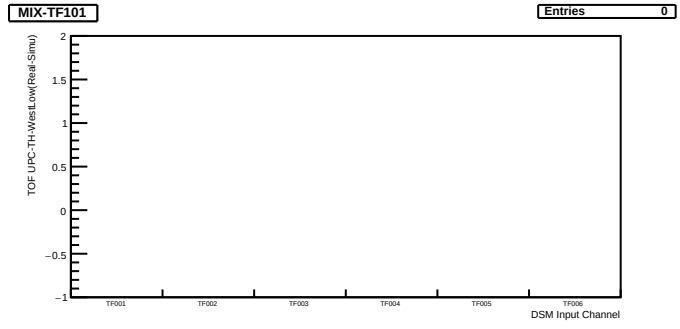

MIX-TF005
Entries 7708302
TOF MULT
TOF tray

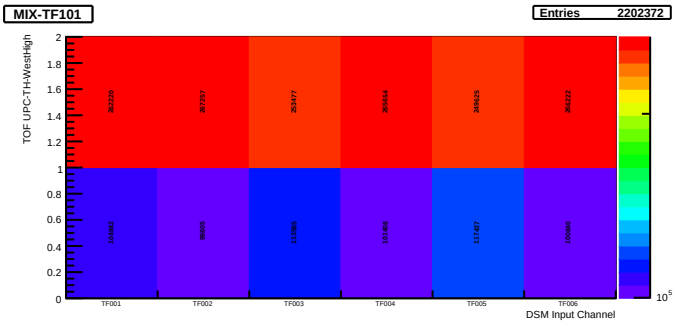

MIX-TF006
Entries 7708302
TOF MULT
TOF tray

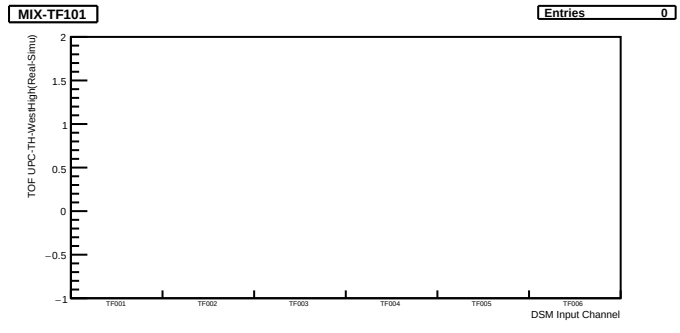

MIX-TF101
Entries 2202372
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

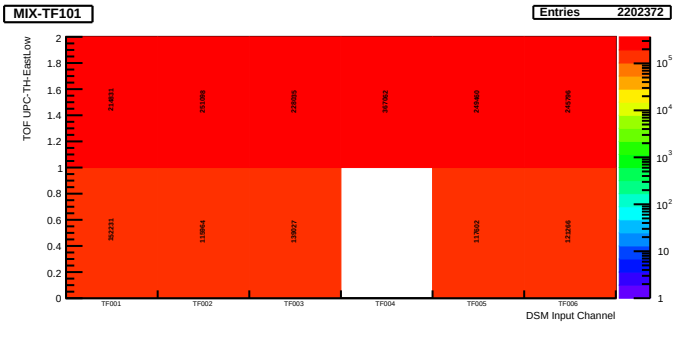

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

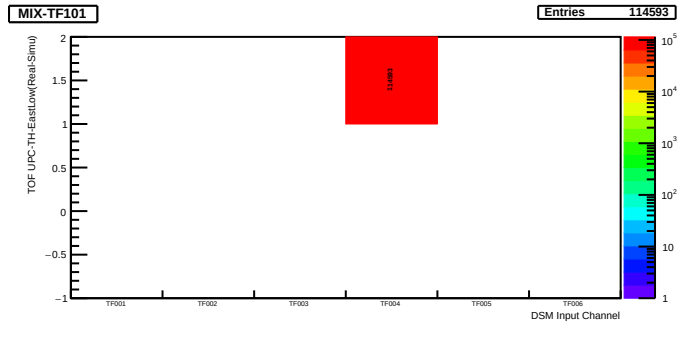

MIX-TF101
Entries 2202372
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

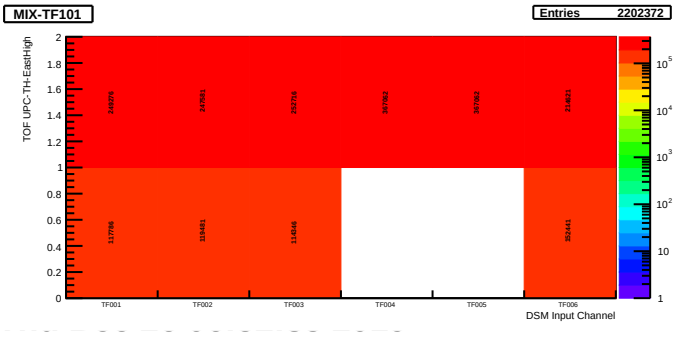

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

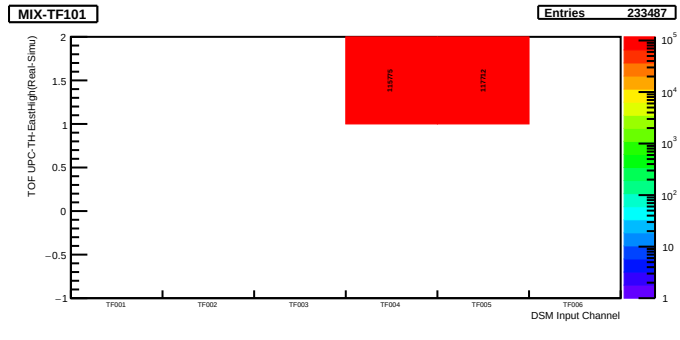

MIX-TF101
Entries 2202372
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

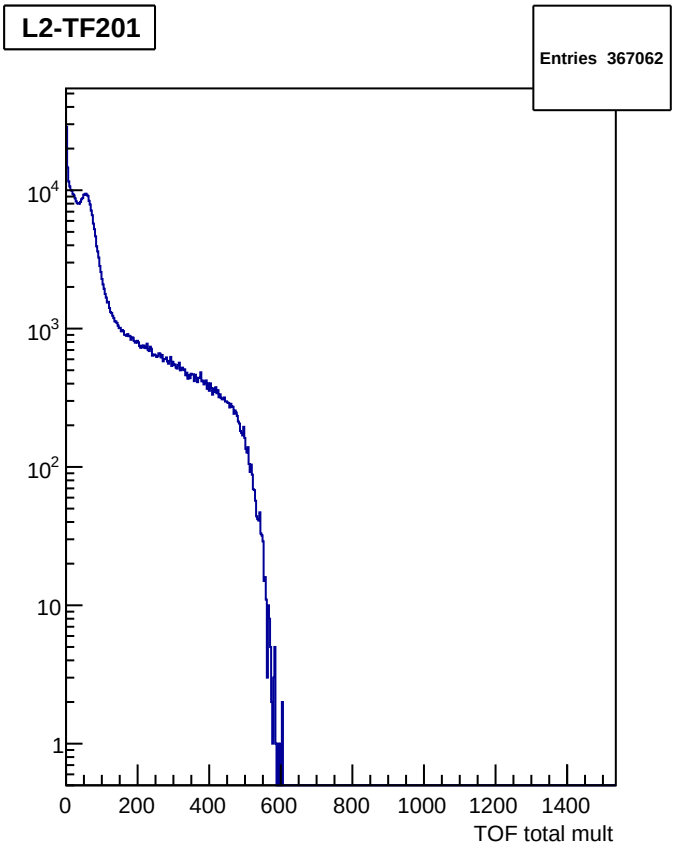

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

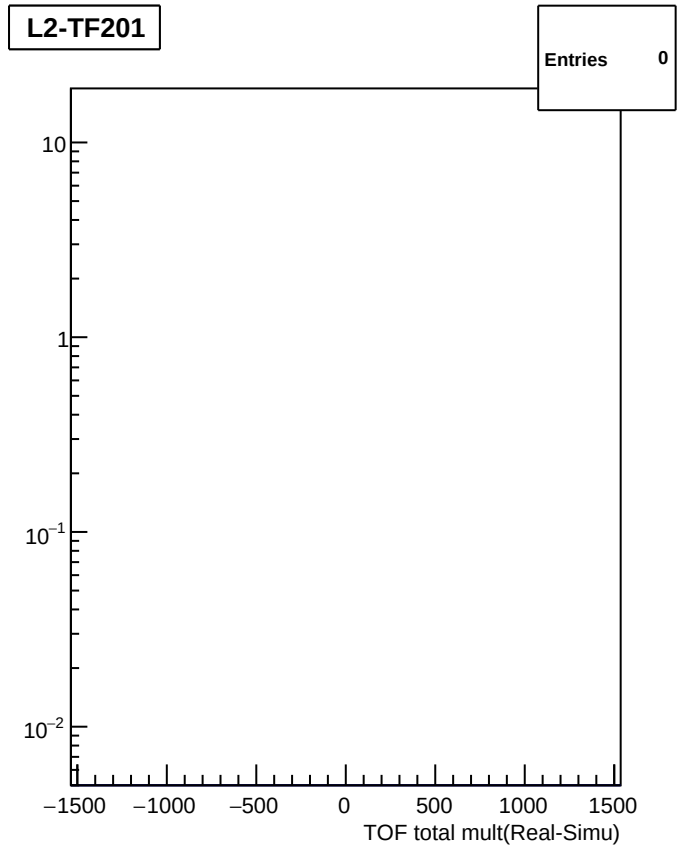

MIX-TF101
Entries 2202372
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

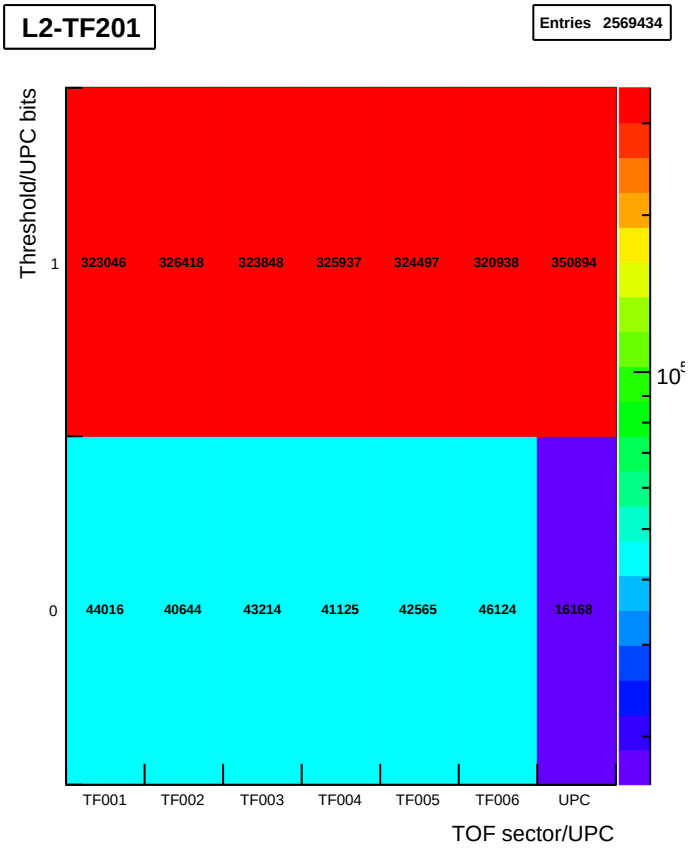

MIX-TF101
Entries 114593
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

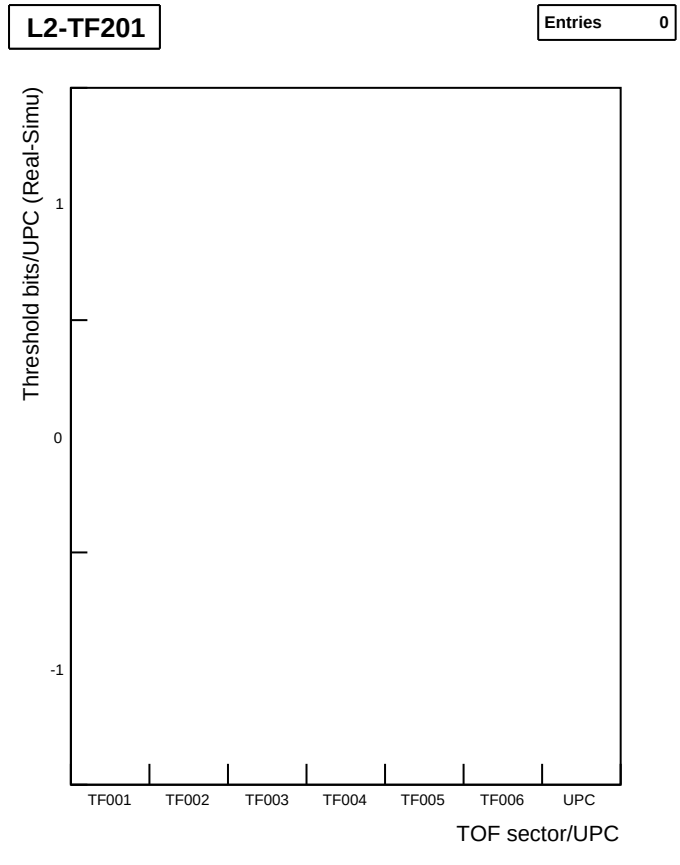

MIX-TF101
Entries 2202372
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

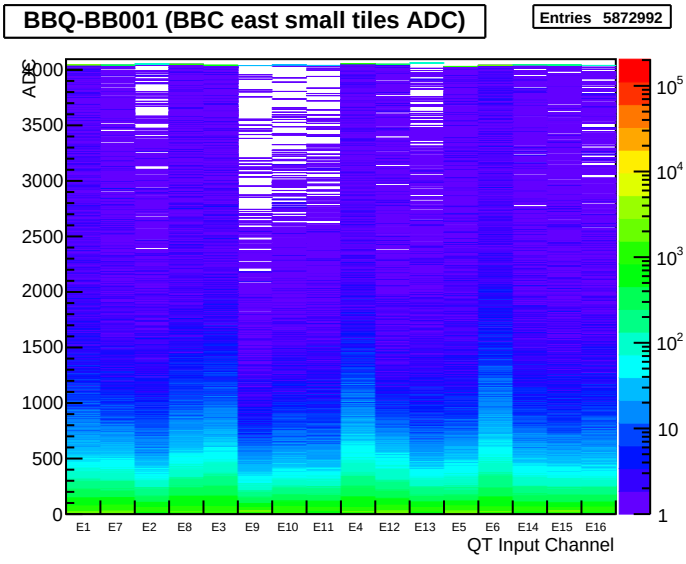

MIX-TF101
Entries 233487
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

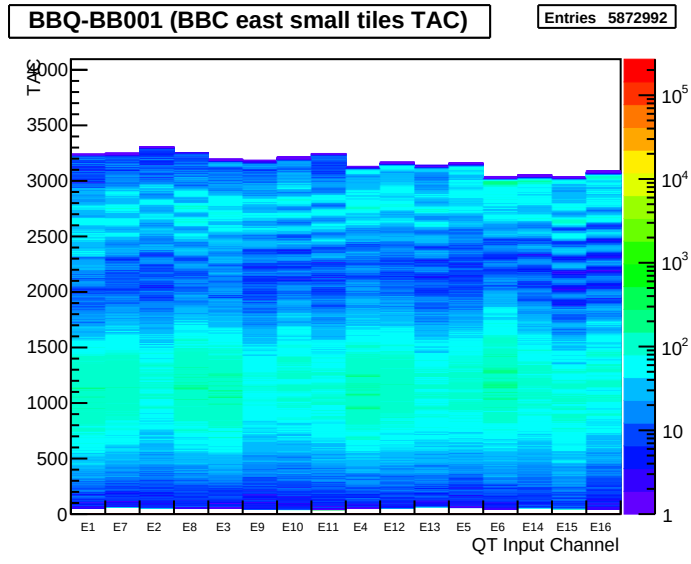

L2-TF201
Entries 367062
TOF total mult

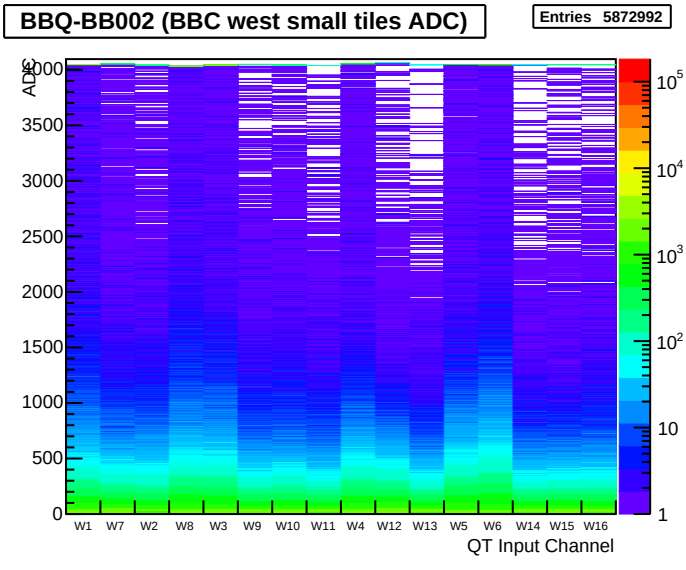

L2-TF201
Entries 0
TOF total mult(Real-Simu)

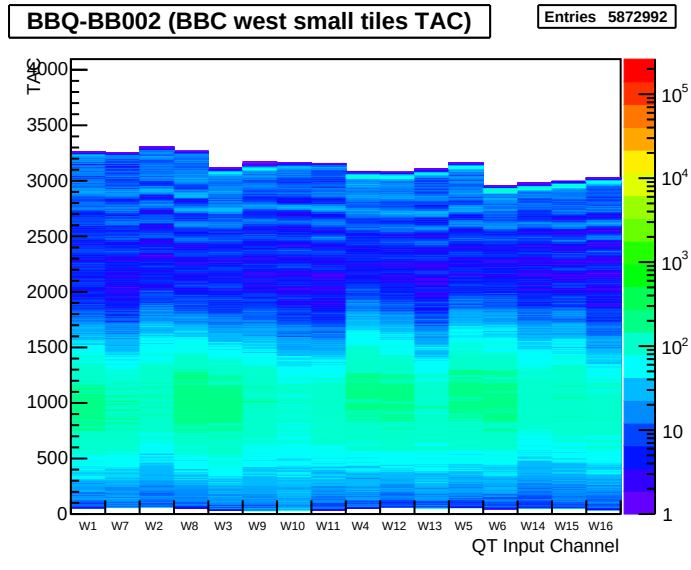

L2-TF201
Entries 2569434
Threshold/UPC bits
323046 326418 323848 325937 324497 320938 350894
44016 40644 43214 41125 42565 46124 16168
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

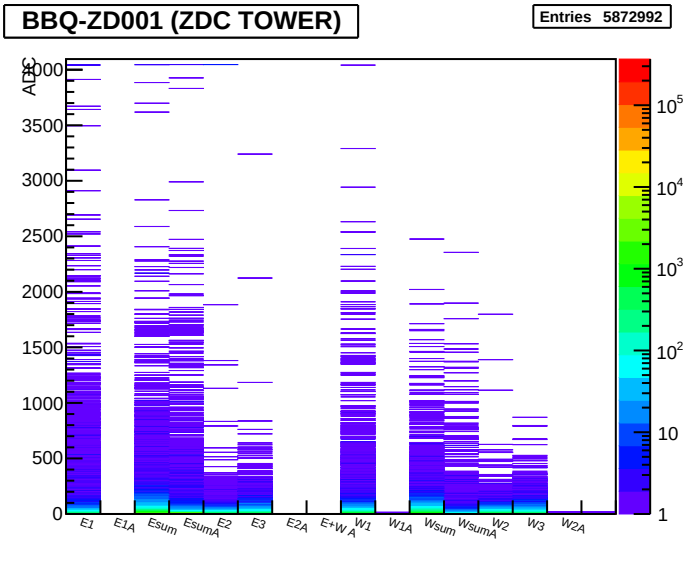

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

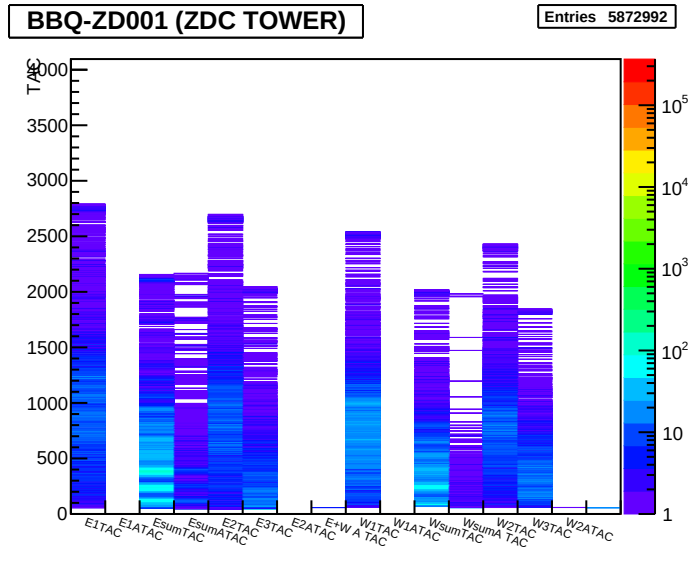

BBQ-BB001 (BBC east small tiles ADC)
Entries 5872992
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

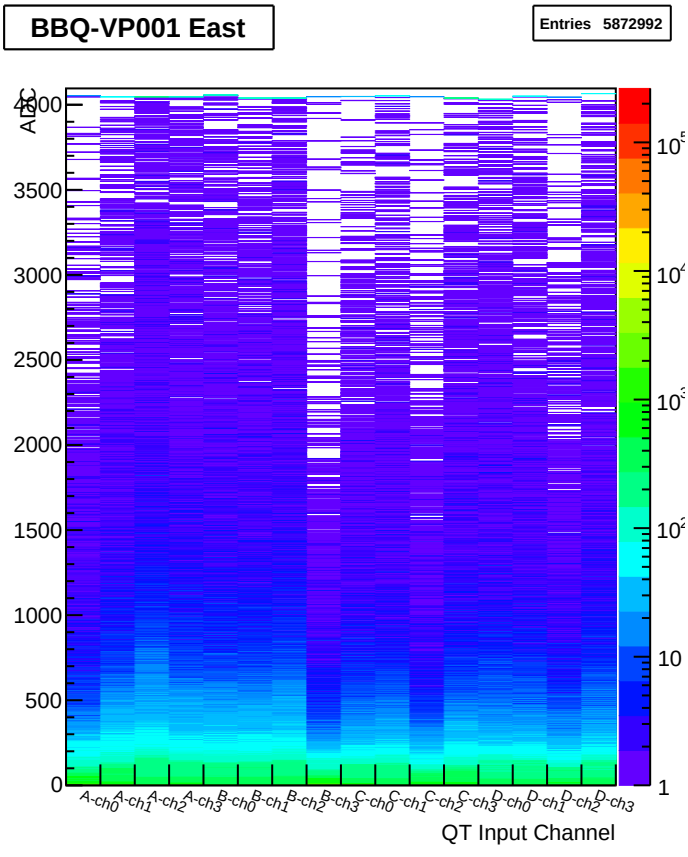

BBQ-BB001 (BBC east small tiles TAC)
Entries 5872992
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

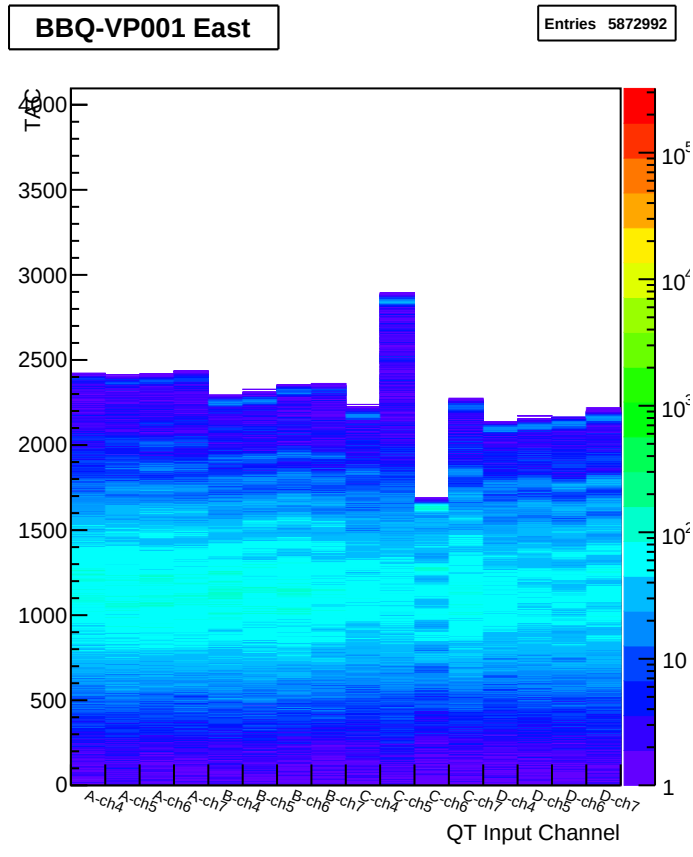

BBQ-BB002 (BBC west small tiles ADC)
Entries 5872992
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

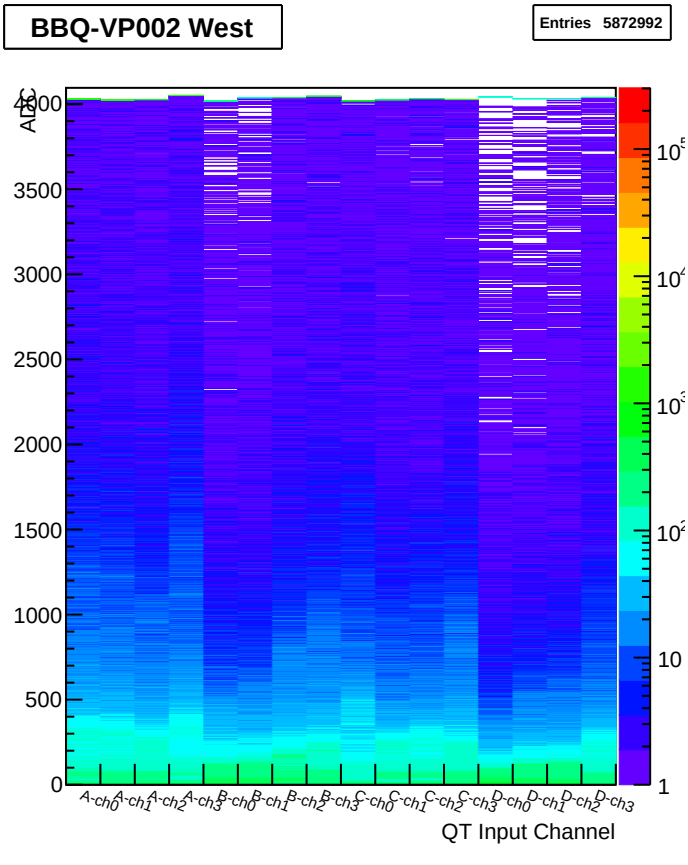

BBQ-BB002 (BBC west small tiles TAC)
Entries 5872992
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

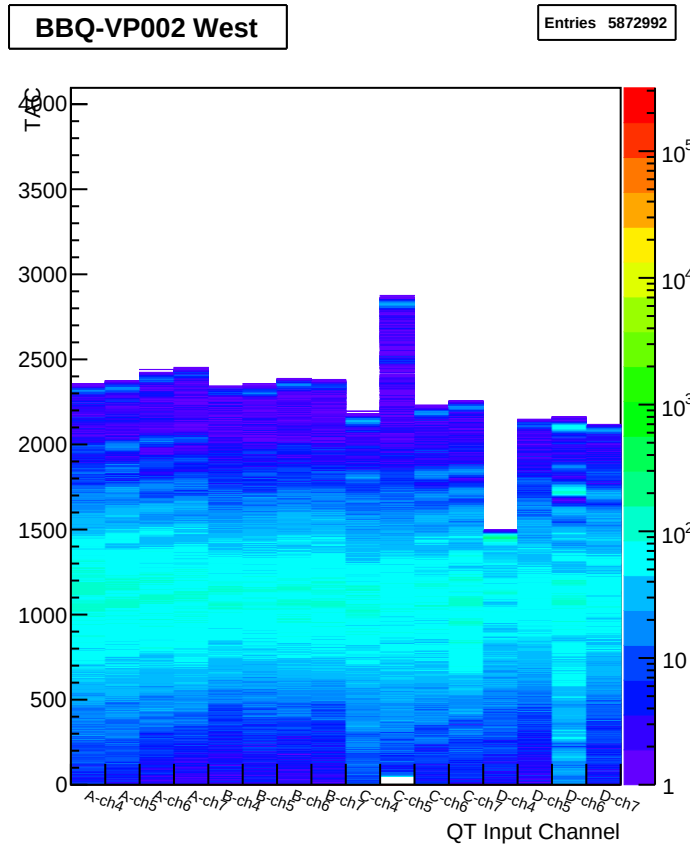

BBQ-ZD001 (ZDC TOWER)
Entries 5872992
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

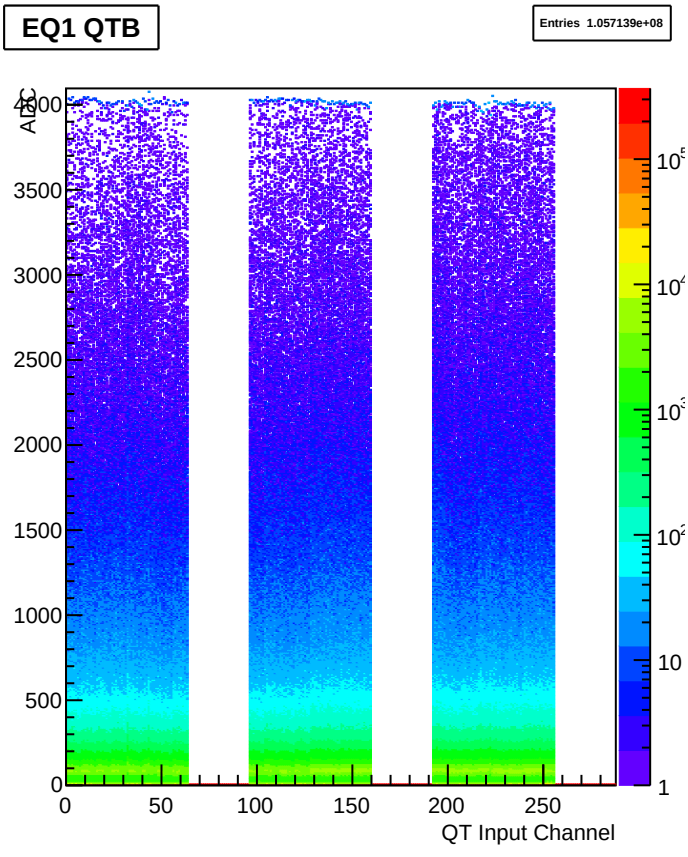

BBQ-ZD001 (ZDC TOWER)
Entries 5872992
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

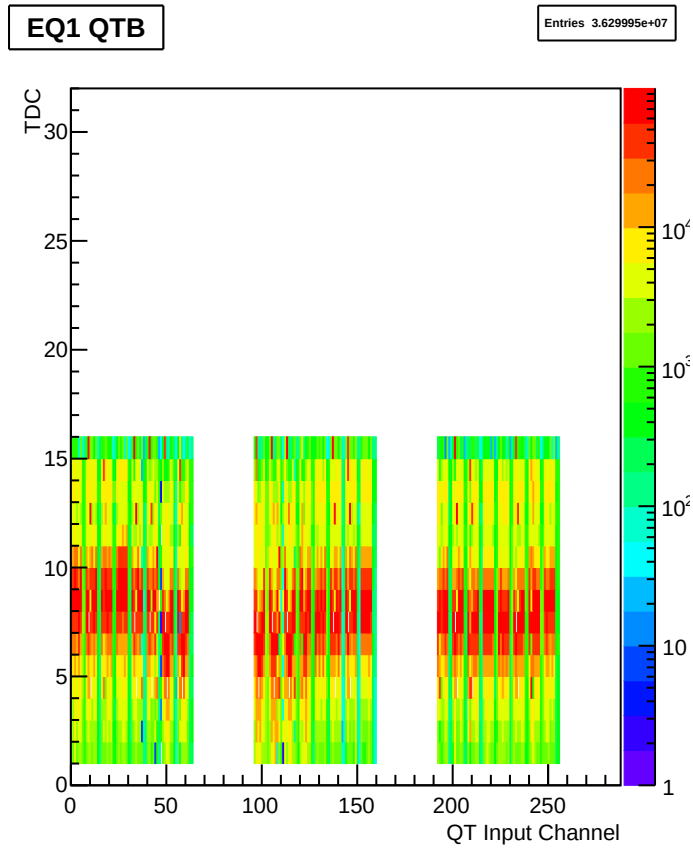

BBQ-VP001 East
Entries 5872992
ADC
QT Input Channel

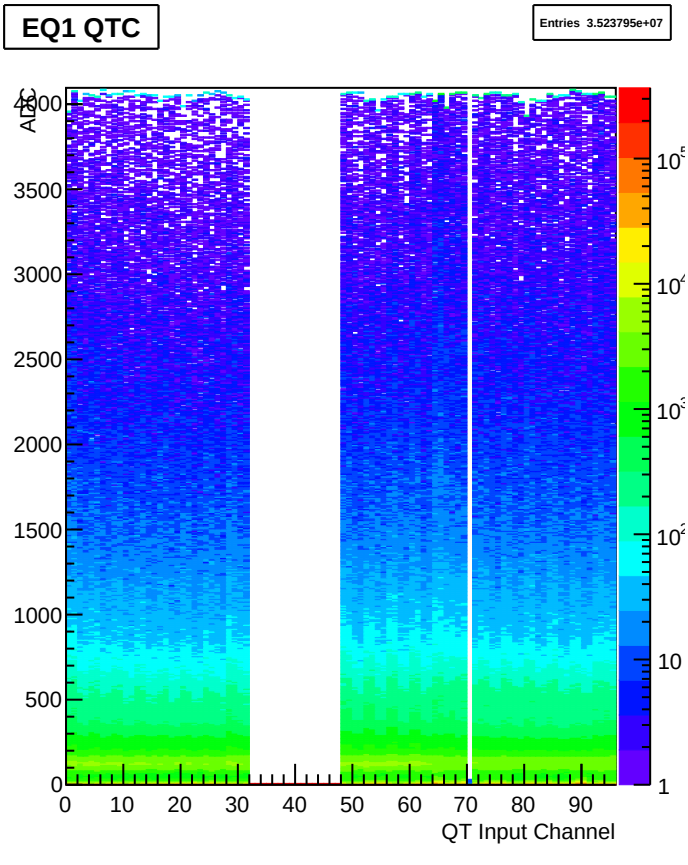

BBQ-VP001 East
Entries 5872992
ADC
QT Input Channel

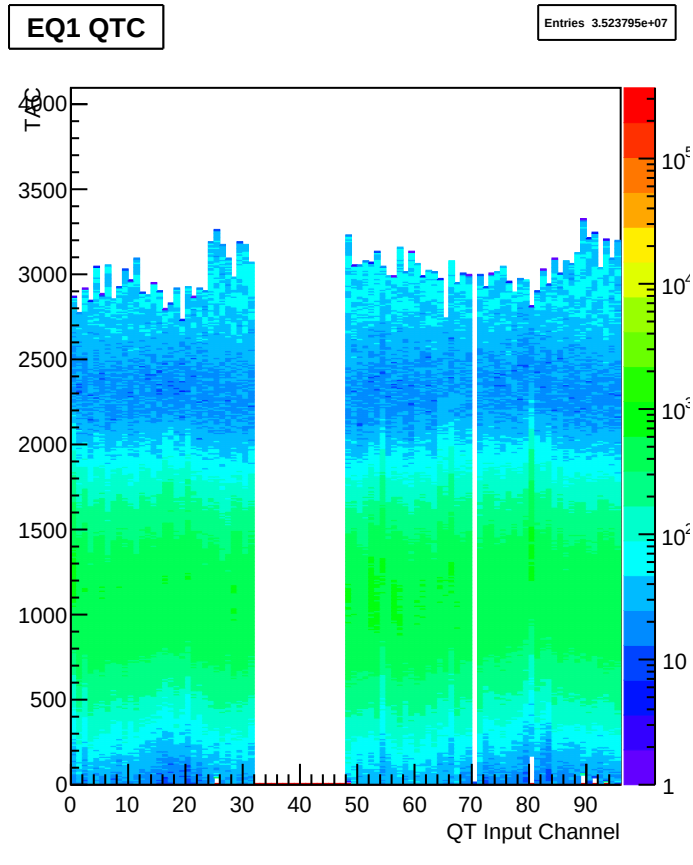

BBQ-VP002 West
Entries 5872992
ADC
QT Input Channel

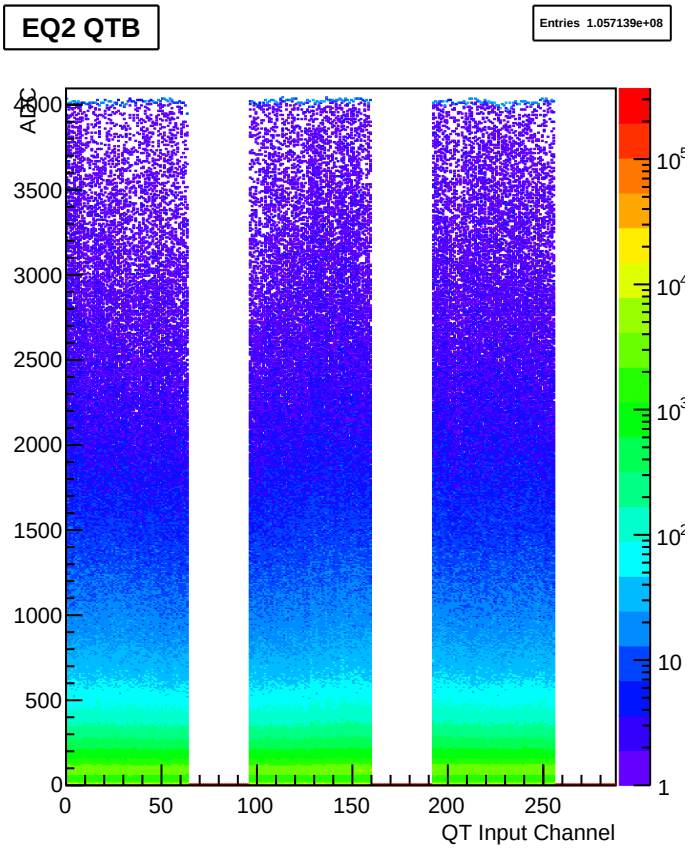

BBQ-VP002 West
Entries 5872992
ADC
QT Input Channel

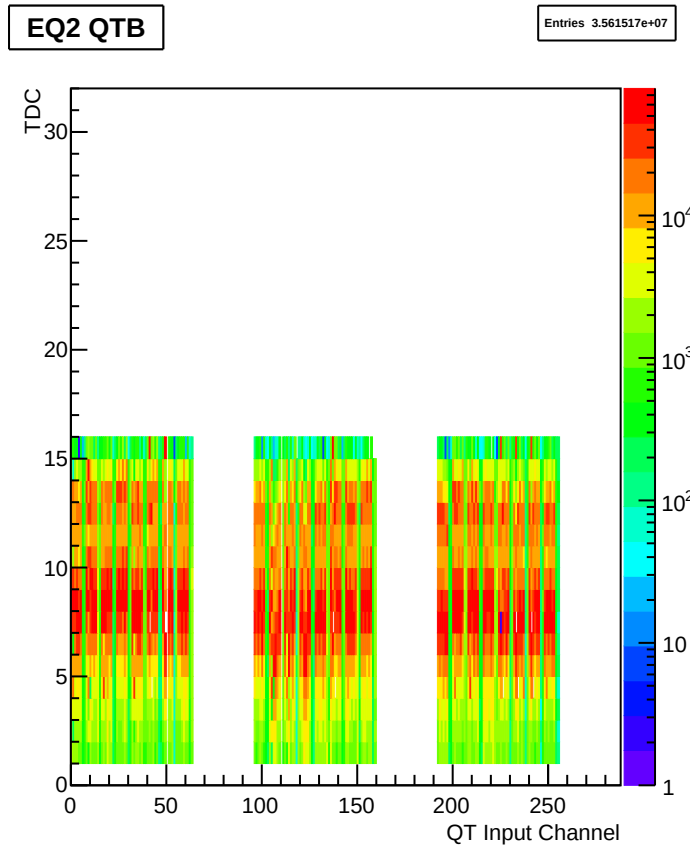

EQ1 QTB
Entries 1.057139e+08
ADC
QT Input Channel

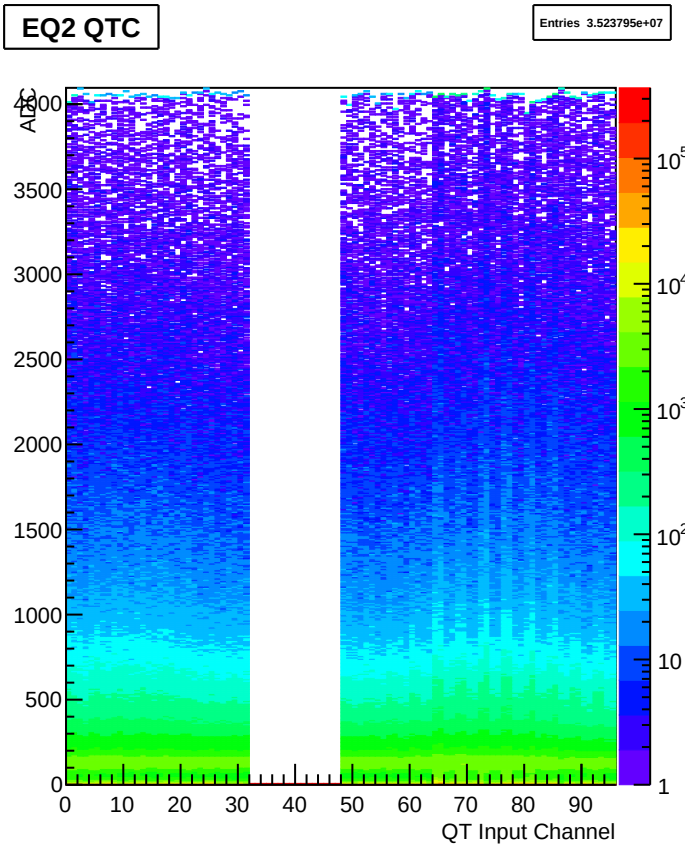

EQ1 QTB
Entries 3.629995e+07
TDC
QT Input Channel

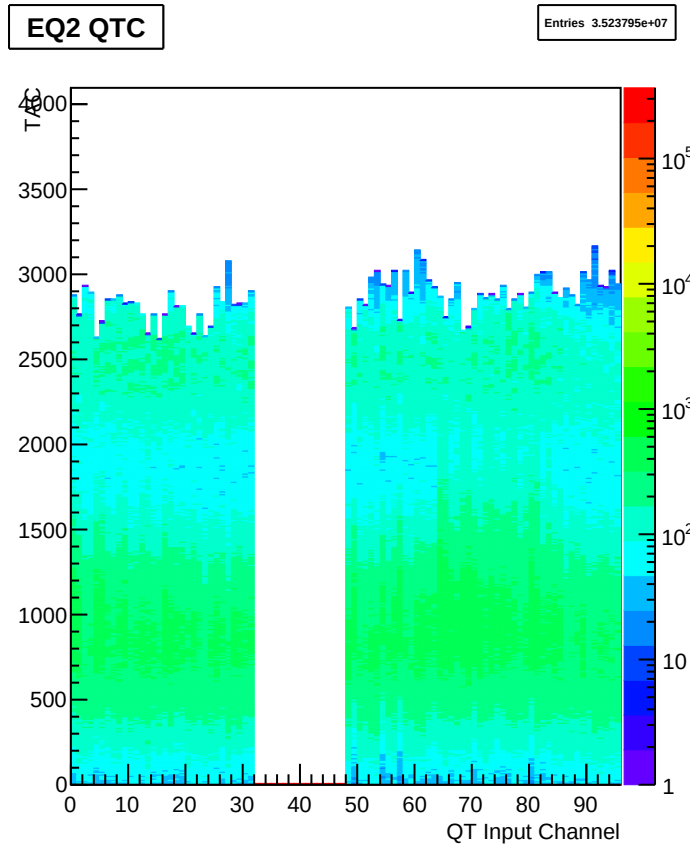

EQ1 QTC
Entries 3.523795e+07
ADC
QT Input Channel

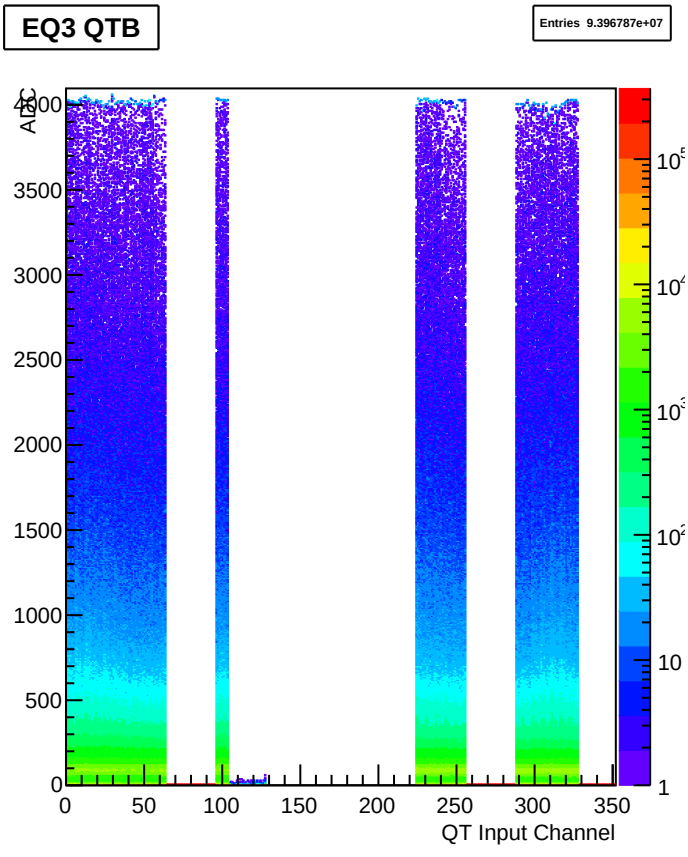

EQ1 QTC
Entries 3.523795e+07
TADC
QT Input Channel

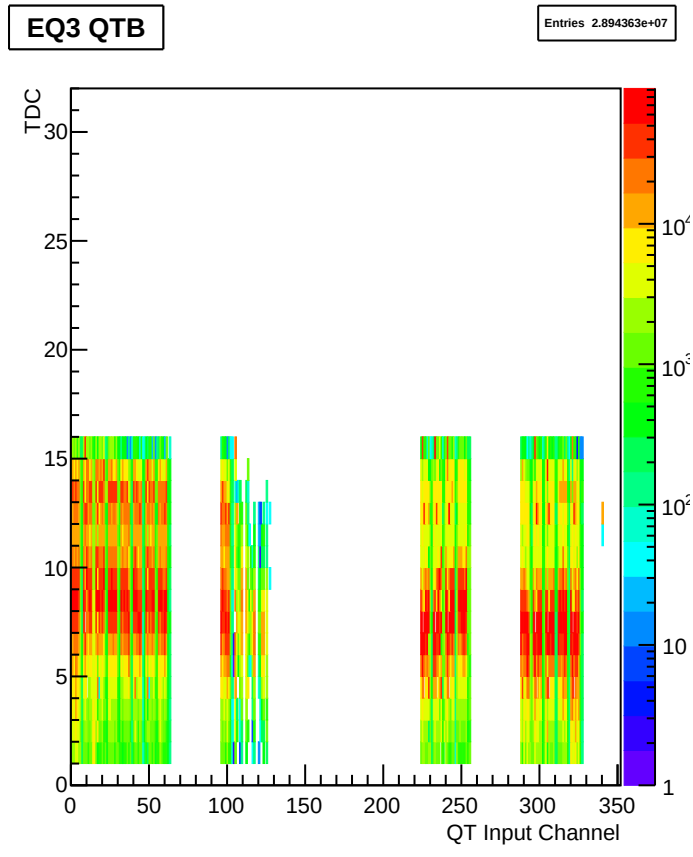

EQ2 QTB
Entries 1.057139e+08
ADC
QT Input Channel

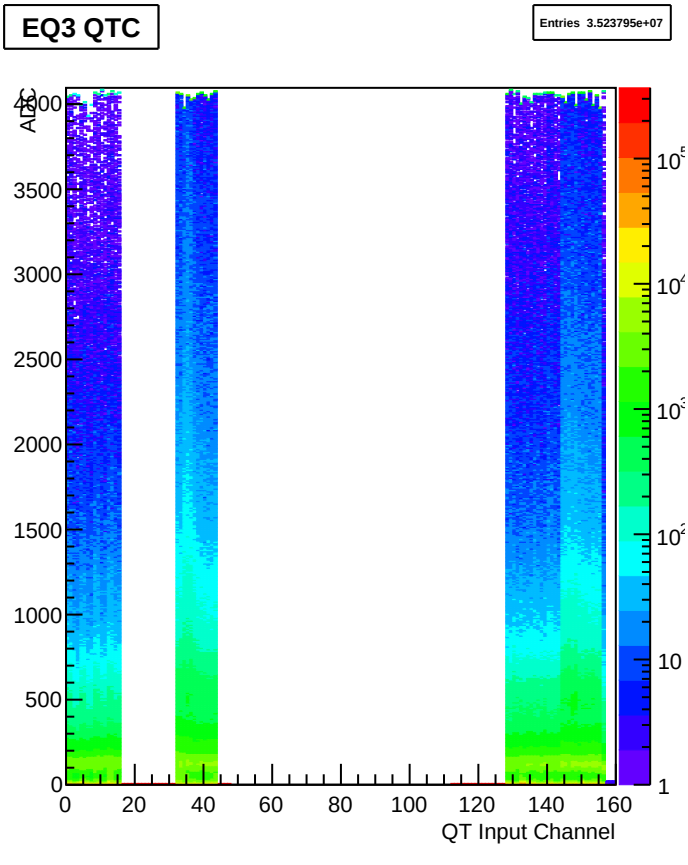

EQ2 QTB
Entries 3.561517e+07
TDC
QT Input Channel

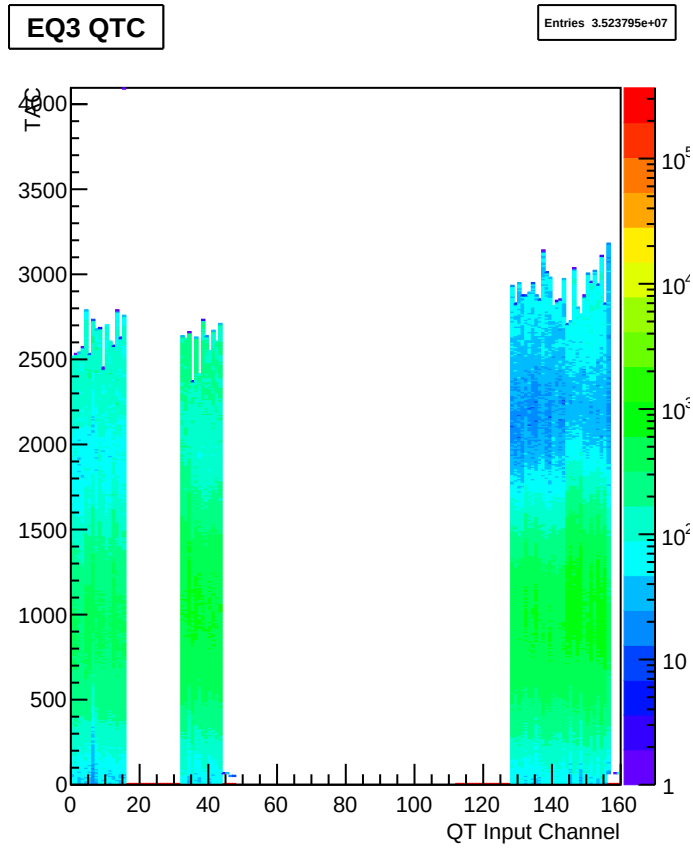

EQ2 QTC
Entries 3.523795e+07
ADC
QT Input Channel

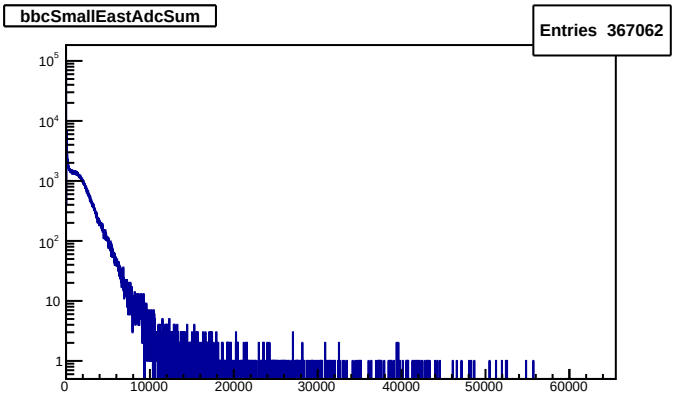

EQ2 QTC
Entries 3.523795e+07
TADC
QT Input Channel

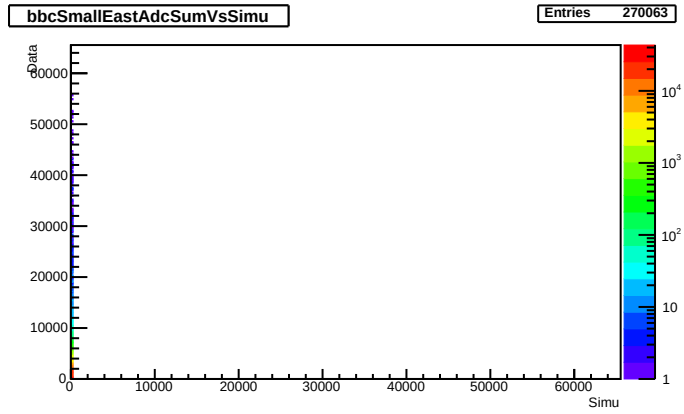

EQ3 QTB
Entries 9.396787e+07
ADC
QT Input Channel

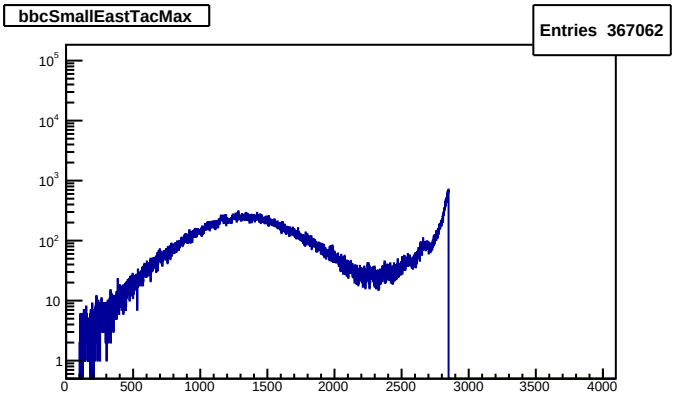

EQ3 QTB
Entries 2.894363e+07
TDC
QT Input Channel

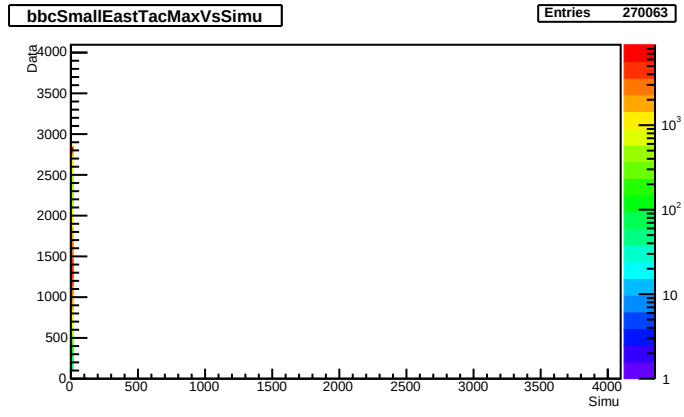

EQ3 QTC
Entries 3.523795e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.523795e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 367062


bbcSmallEastAdcSumVsSimu
Entries 270063
Data
Simu


bbcSmallEastTacMax
Entries 367062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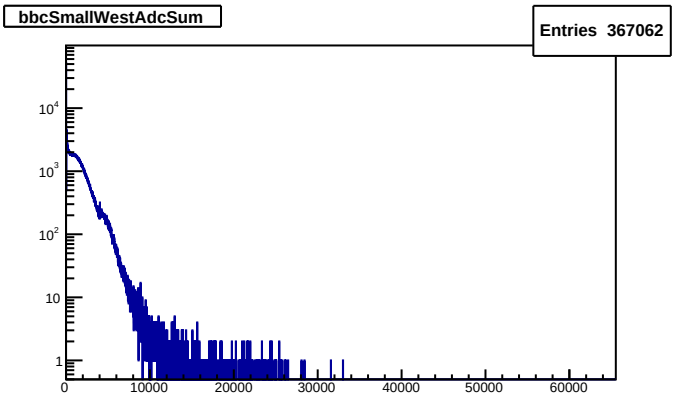
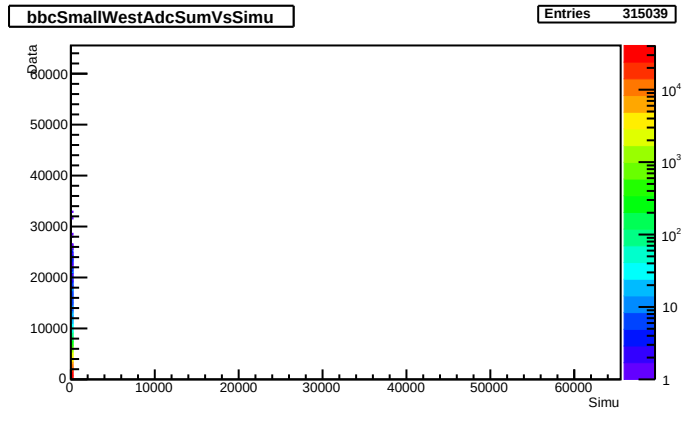
Entries 270063
Data
Simu


bbcSmallWestAdcSum
Entries 367062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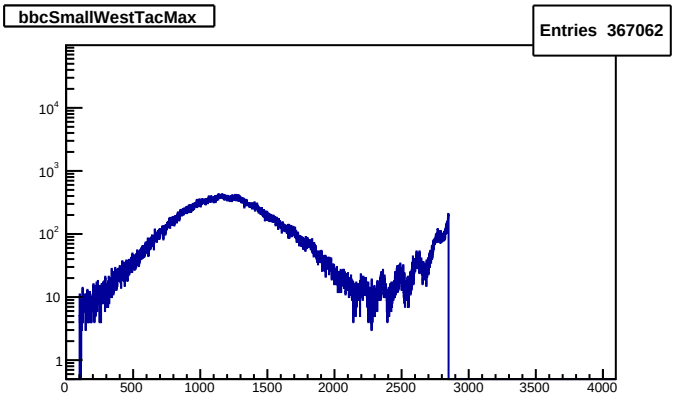
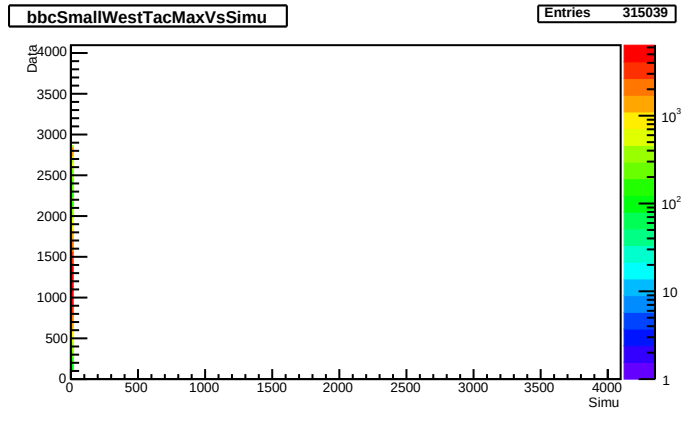
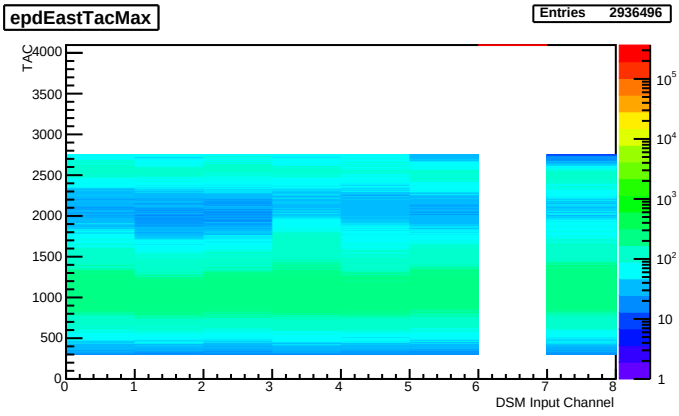
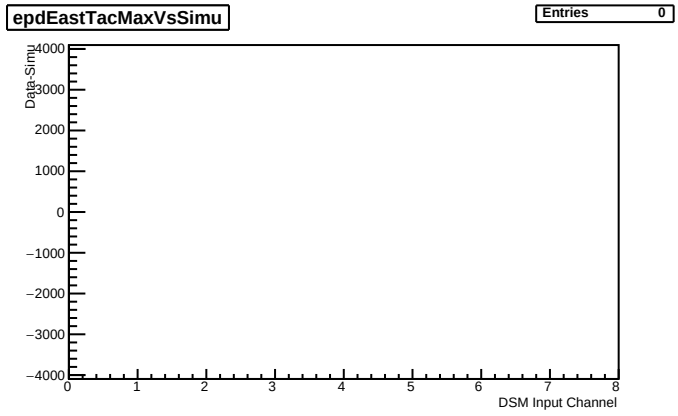
Entries 315039
Data
Simu


bbcSmallWestTacMax
Entries 367062


bbcSmallWestTacMaxVsSimu
Entries 315039
Data
Simu


epdEastTacMax
Entries 2936496
TAC
DSM Input Channel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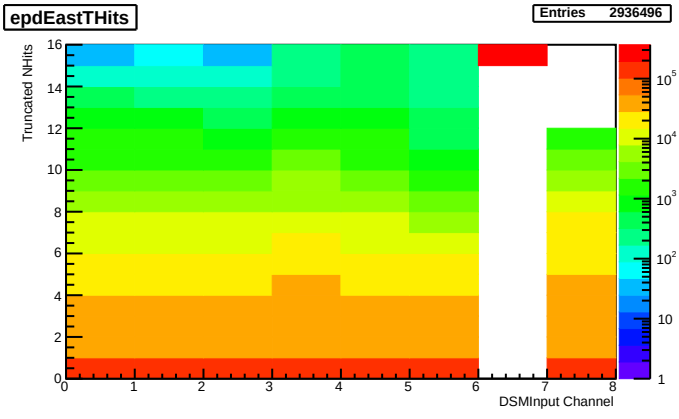
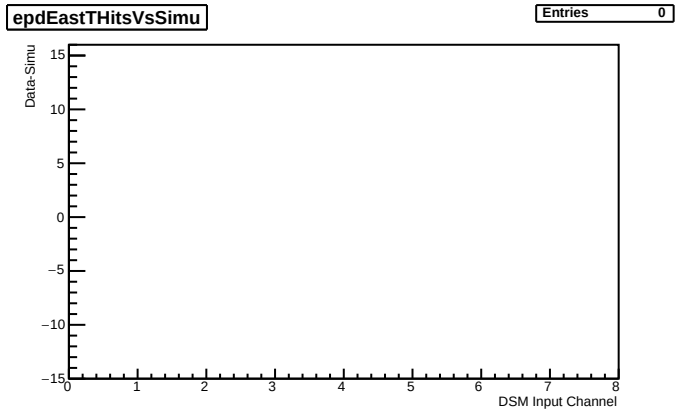
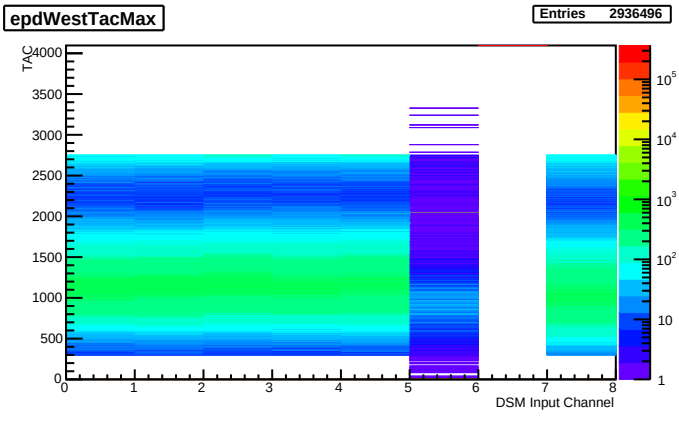
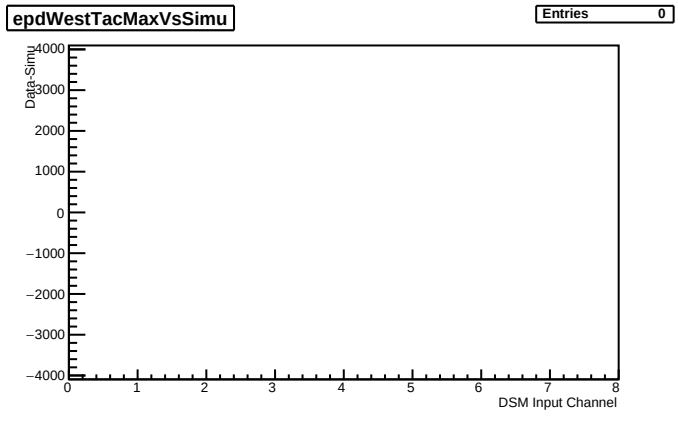
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2936496
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2936496
TAC
DSM Input Channel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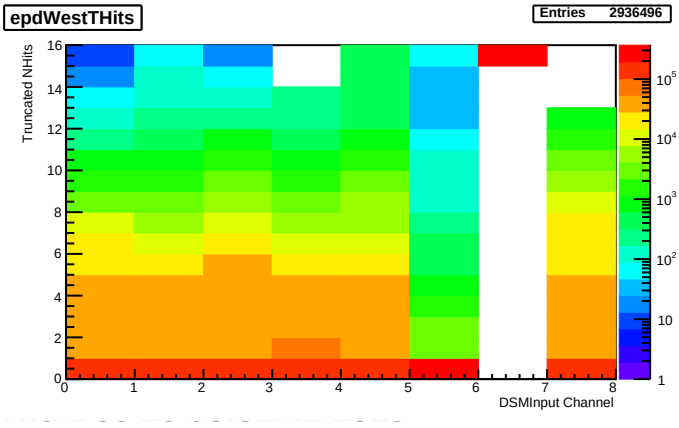
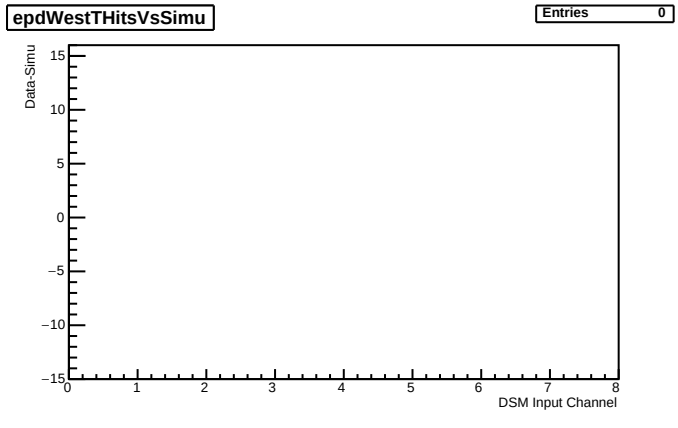
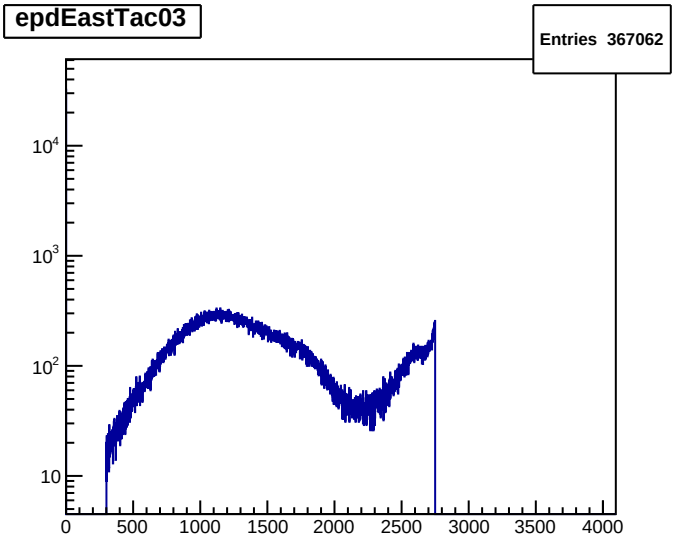
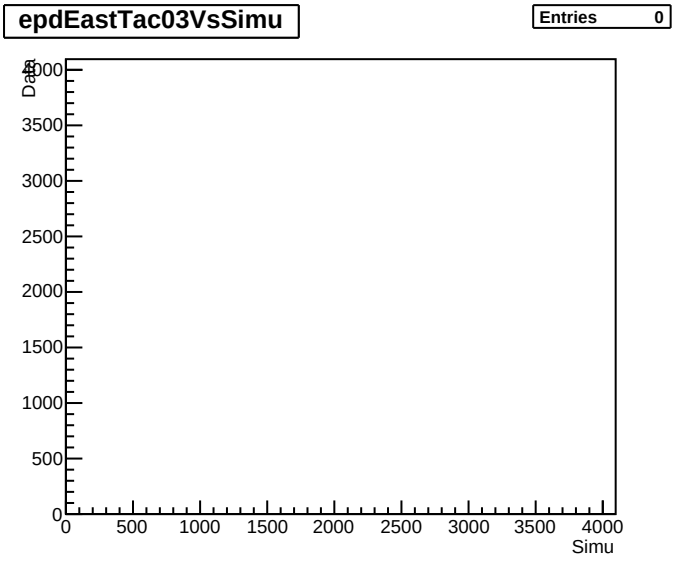
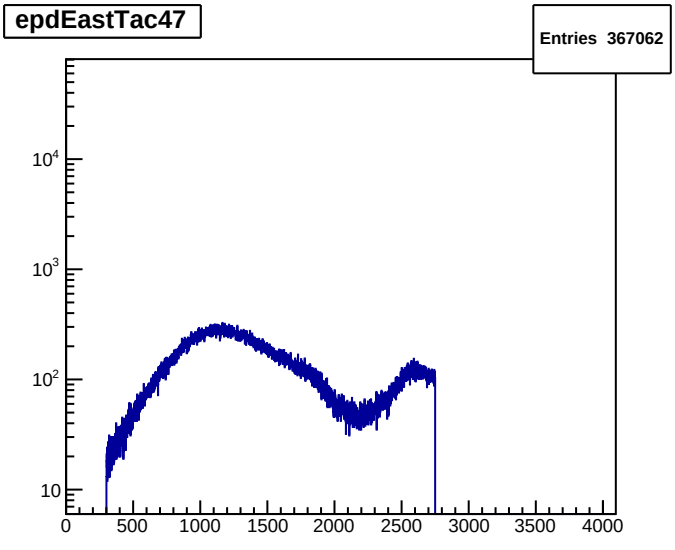
Entries 0
Data-Simu
DSM Input Channel

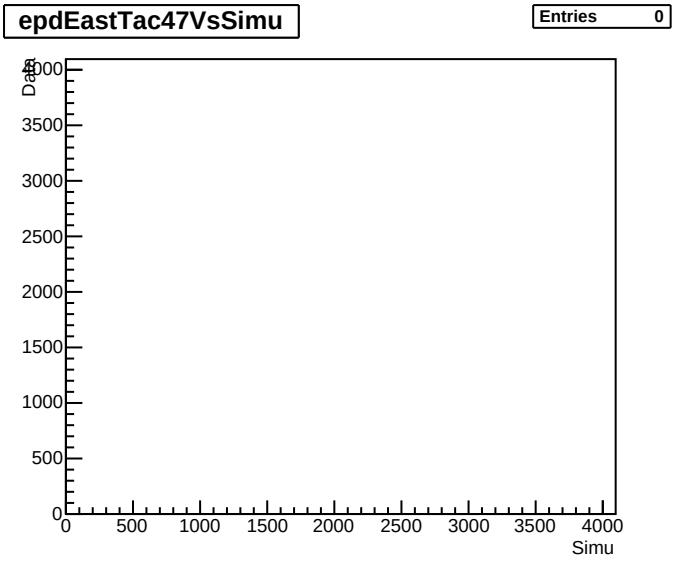

epdWestTHits
Entries 2936496
Truncated NHits
DSMInput Channel

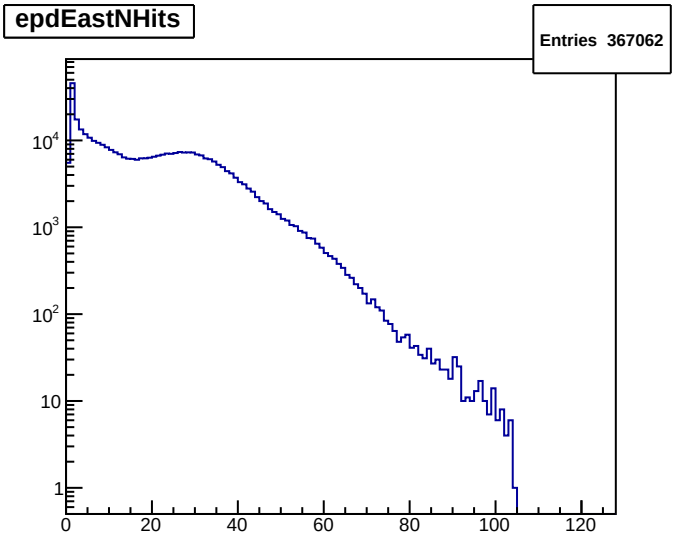

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

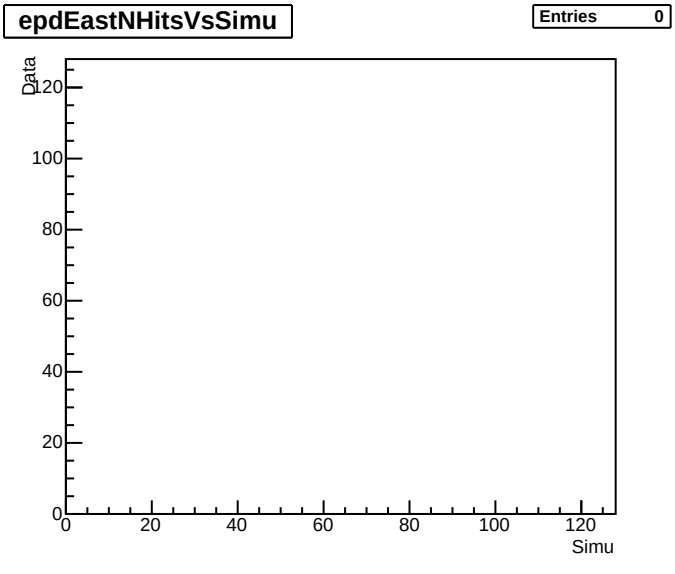

epdEastTac03
Entries 367062


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 367062


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 367062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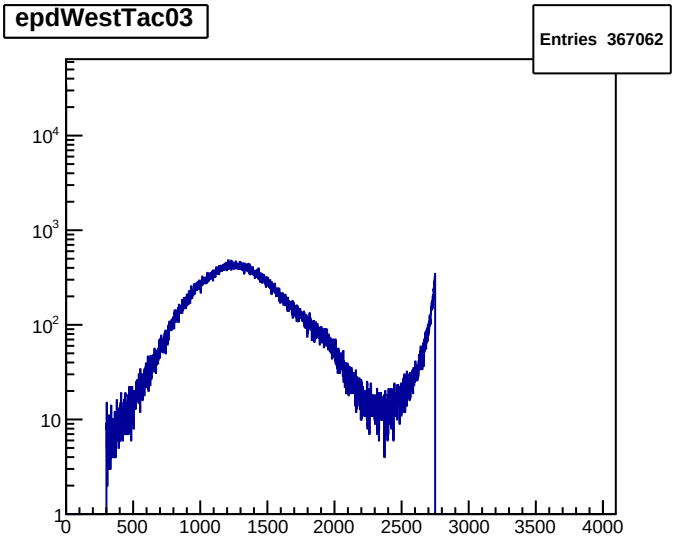
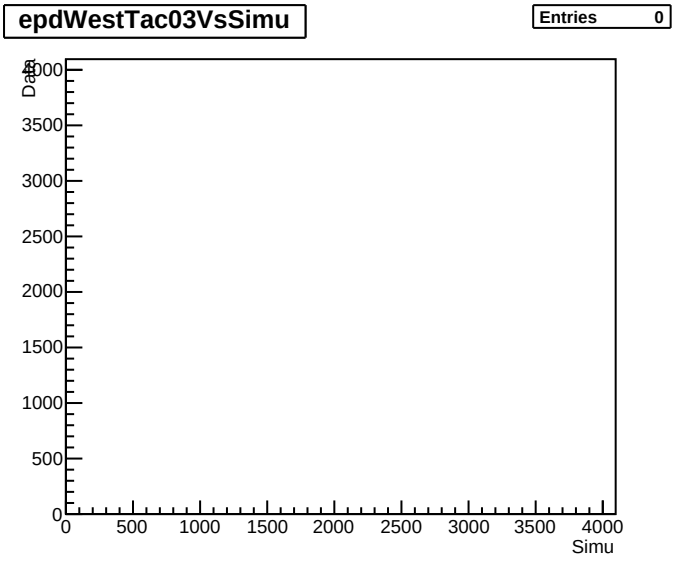
Entries 0
Data
Simu


epdWestTac03
Entries 367062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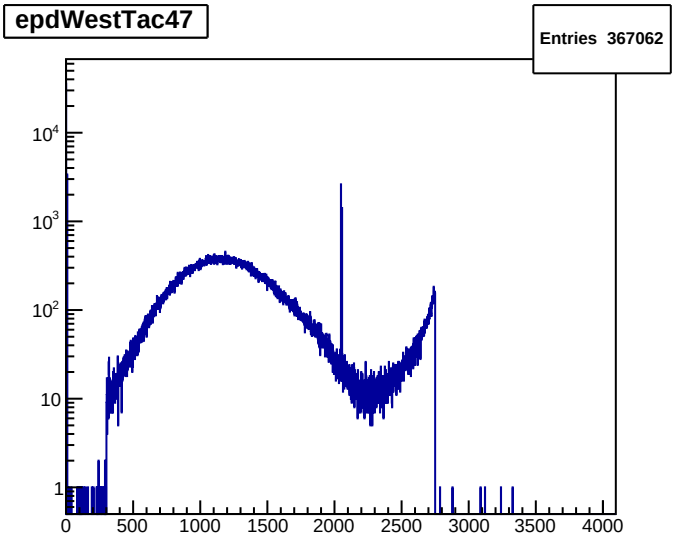
Entries 0
Data
Simu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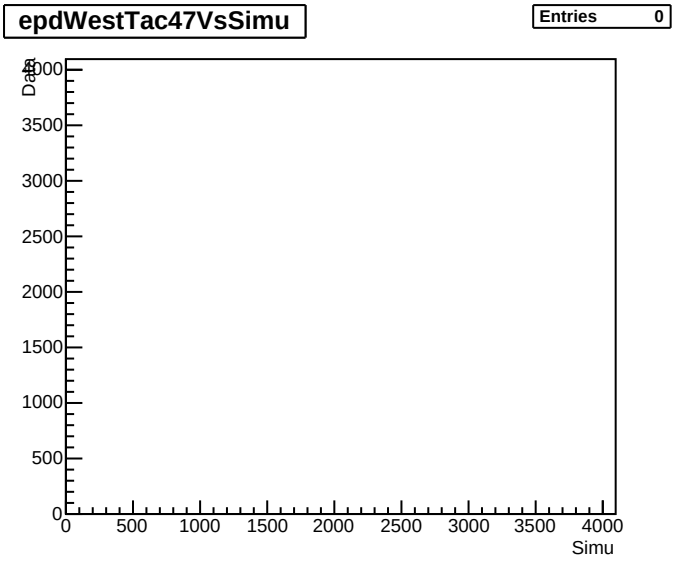
Entries 367062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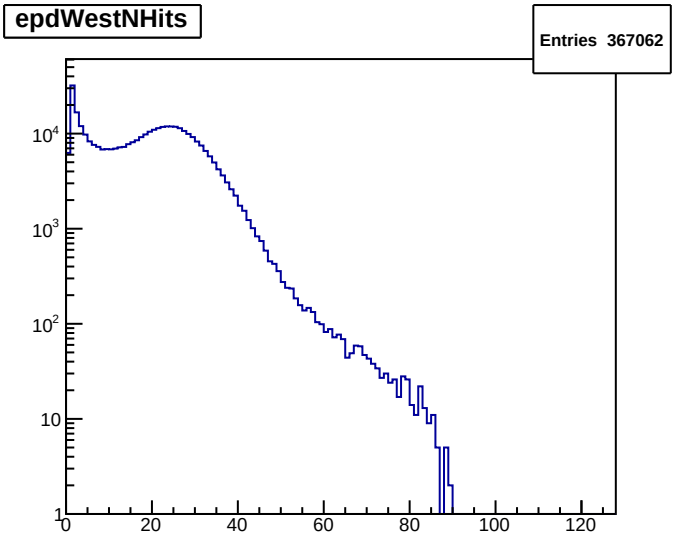
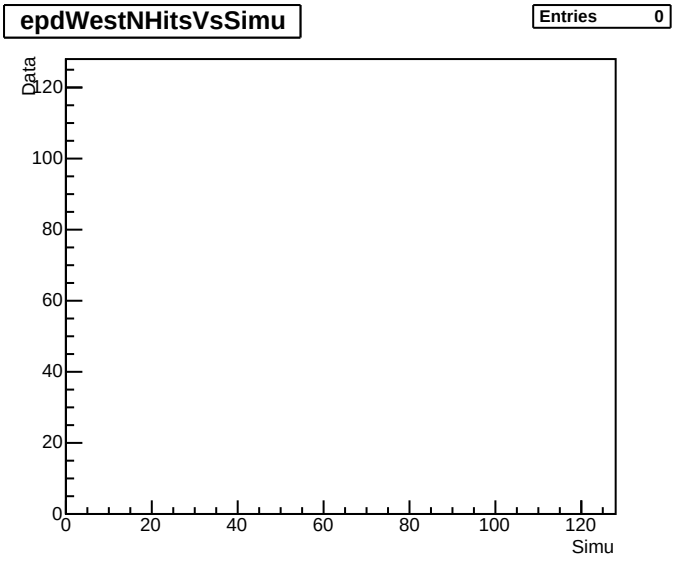
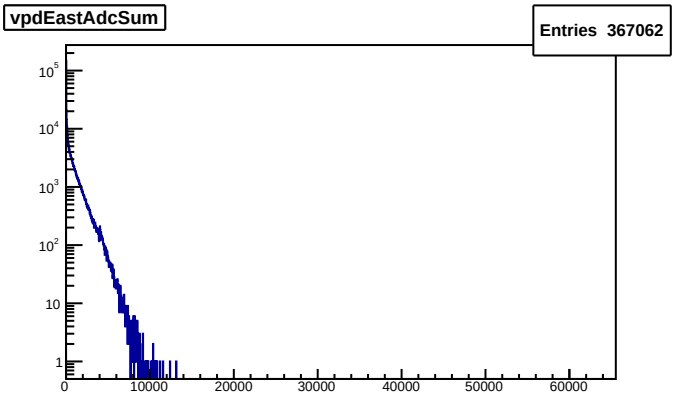
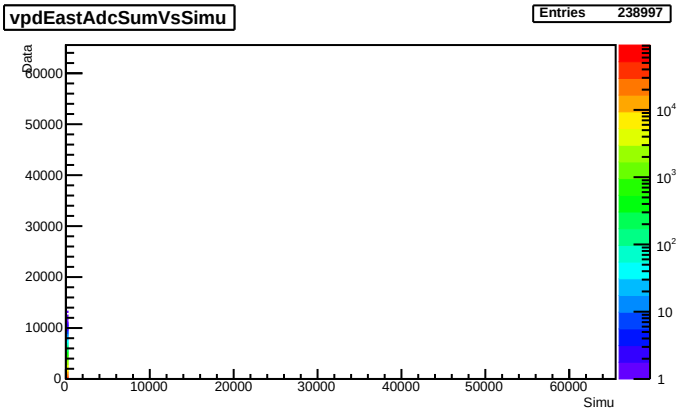
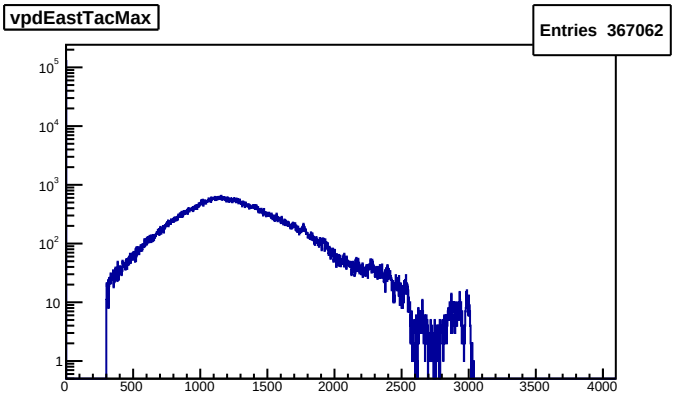
Entries 0
Data
Simu

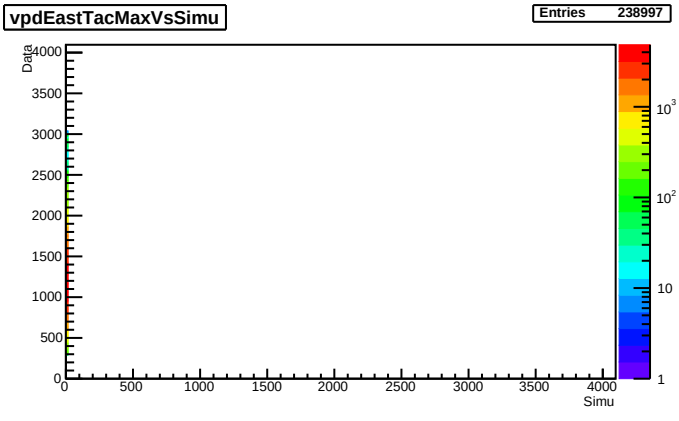

epdWestNHits
Entries 367062

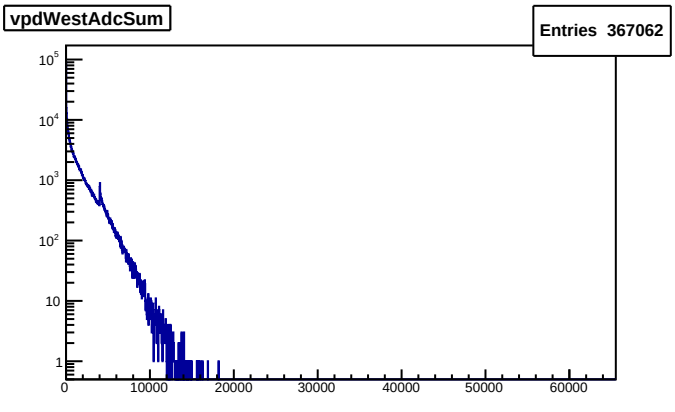

epdWestNHitsVsSimu
Entries 0
Data
Simu

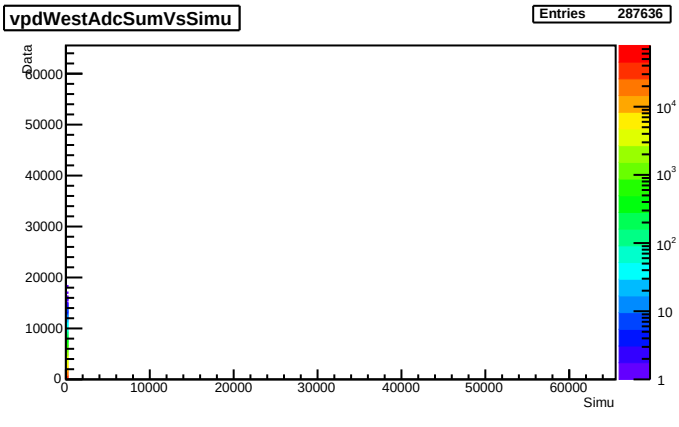

vpdEastAdcSum
Entries 367062

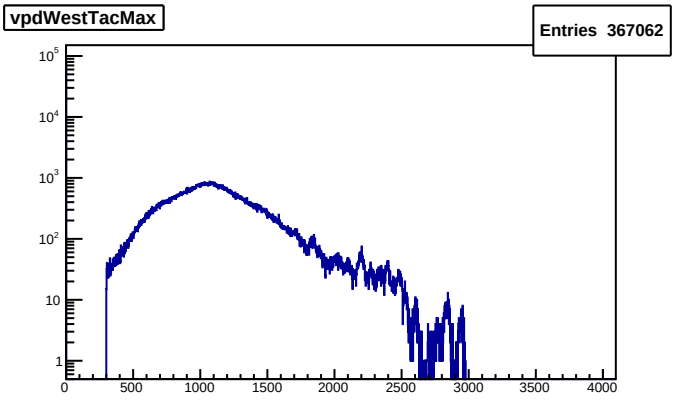

vpdEastAdcSumVsSimu
Entries 238997
Data
Simu

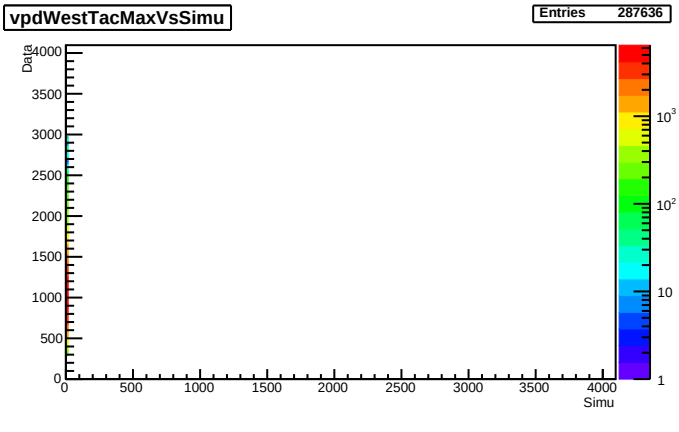

vpdEastTacMax
Entries 367062

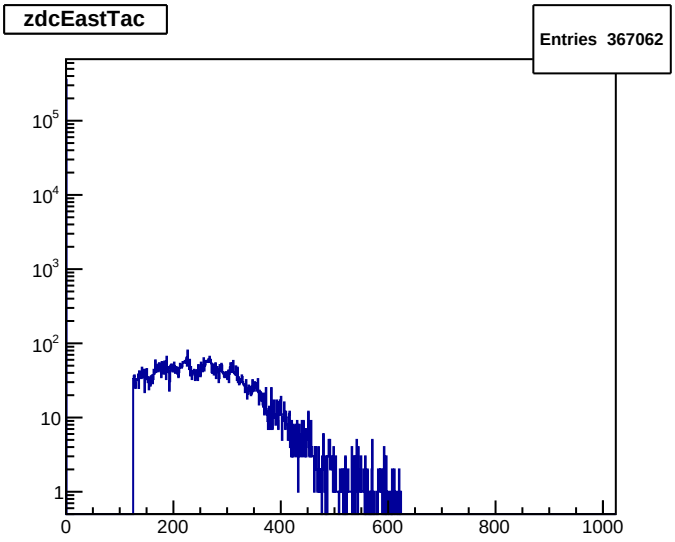

vpdEastTacMaxVsSimu
Entries 238997
Data
Simu

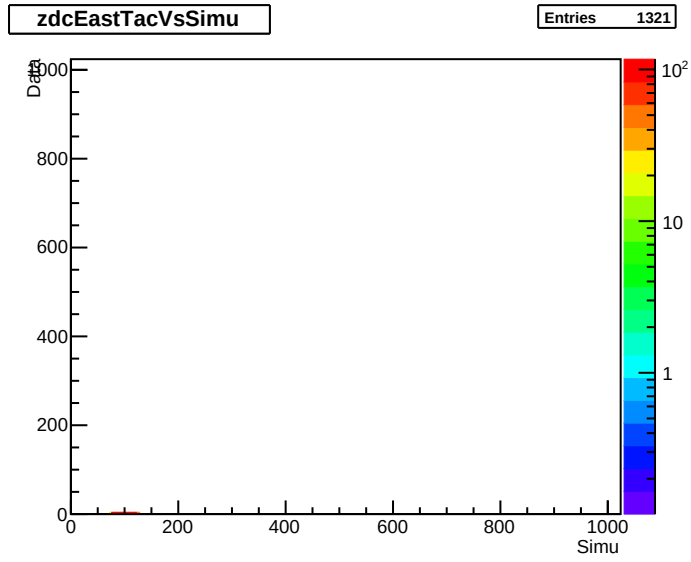

vpdWestAdcSum
Entries 367062

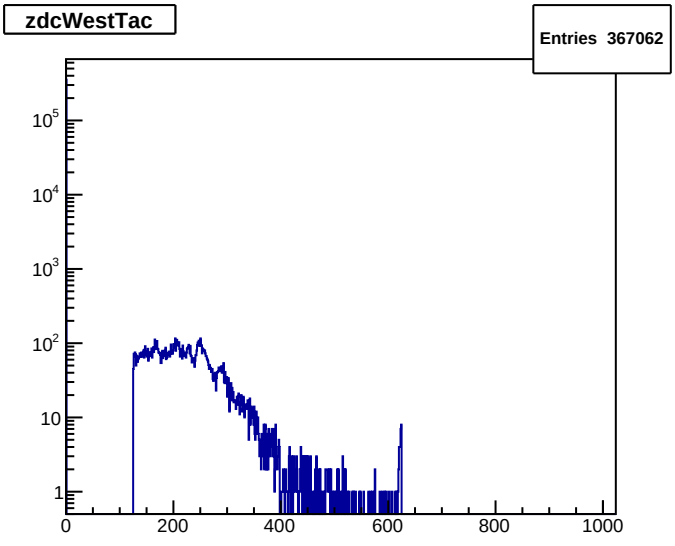

vpdWestAdcSumVsSimu
Entries 287636
Data
Simu

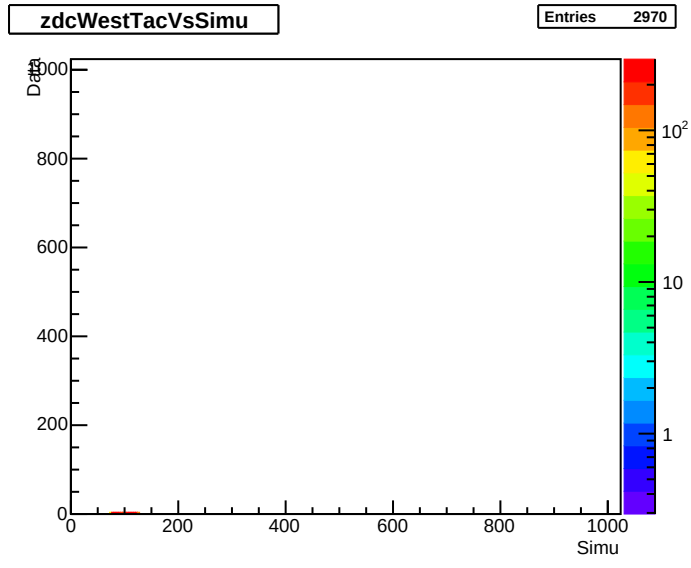

vpdWestTacMax
Entries 367062

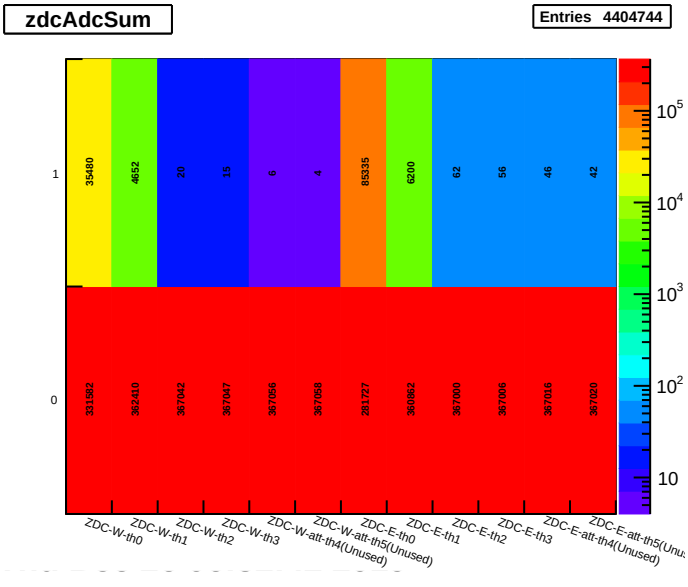

vpdWestTacMaxVsSimu
Entries 287636
Data
Simu

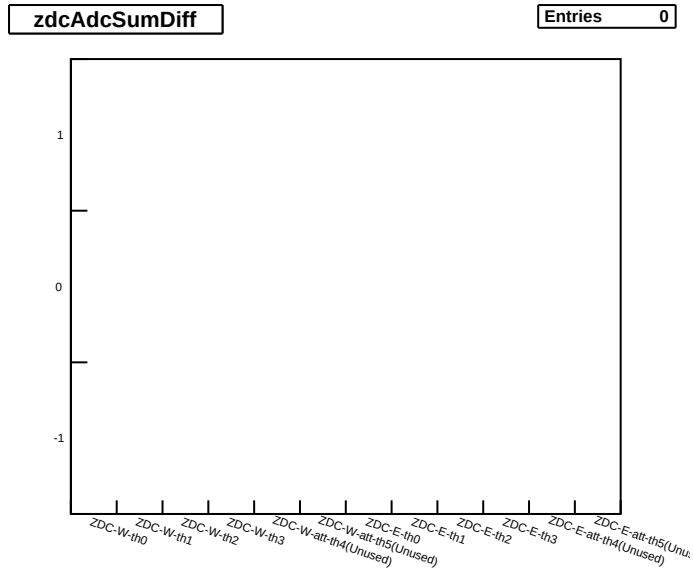

zdcEastTac
Entries 367062

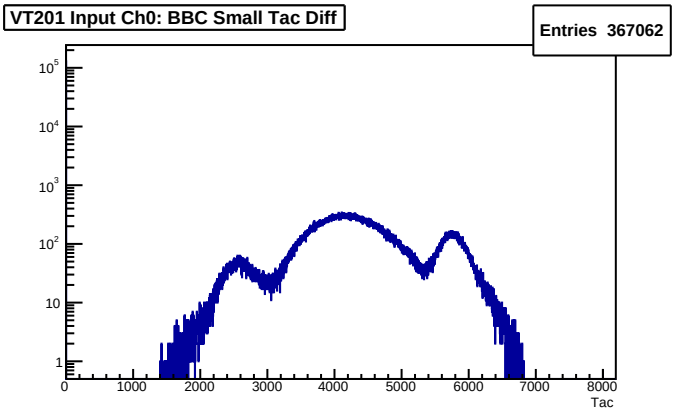

zdcEastTacVsSimu
Entries 1321
Data
Simu

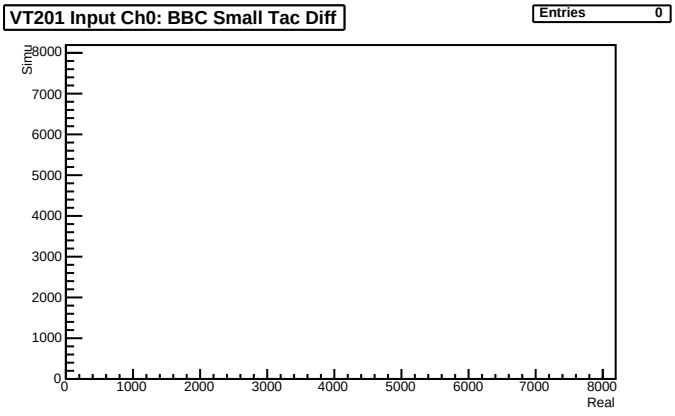

zdcWestTac
Entries 367062

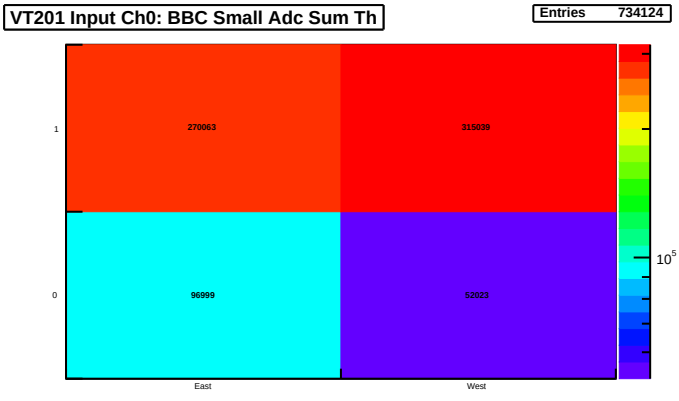

zdcWestTacVsSimu
Entries 2970
Data
Simu

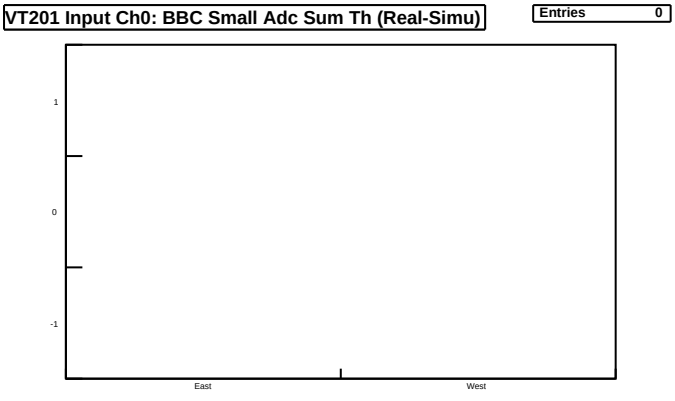

zdcAdcSum
Entries 4404744
35480
4652
20
15
6
4
85335
6200
62
56
46
42
331592
362410
367042
367047
367056
367058
281727
360882
367000
367006
367016
367020
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

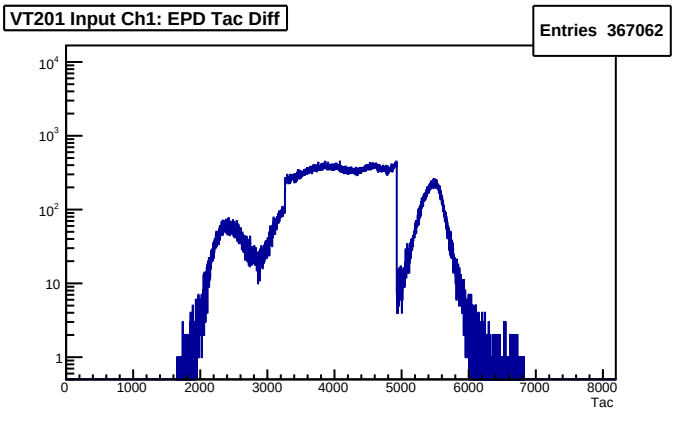

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

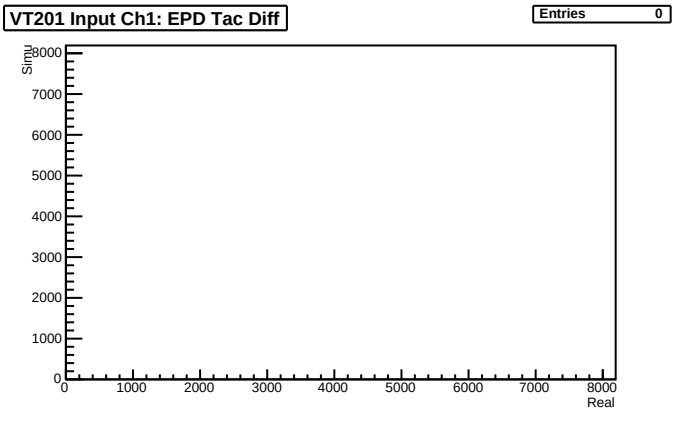

VT201 Input Ch0: BBC Small Tac Diff
Entries 367062
Tac

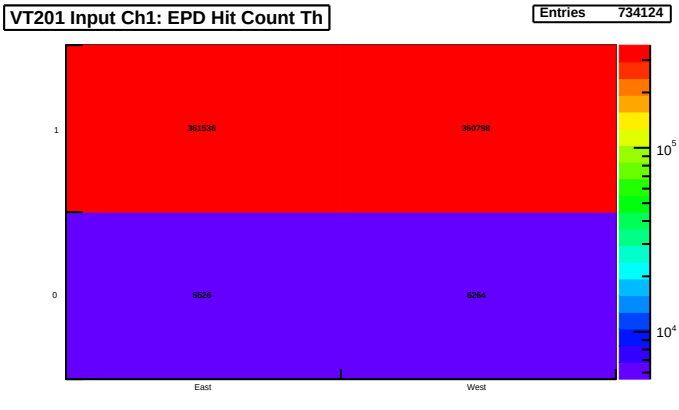

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

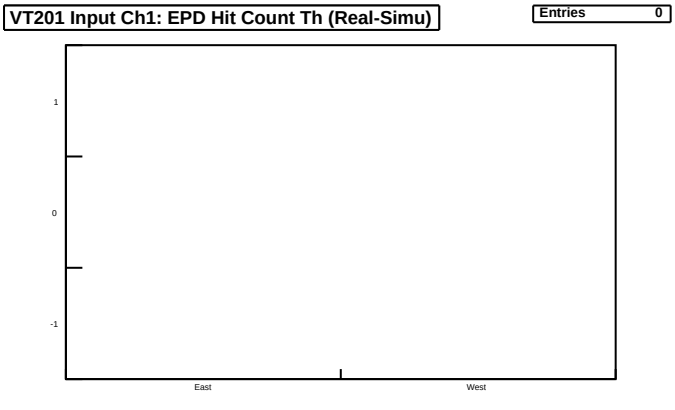

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 734124
270063
315039
96999
52023
East
West

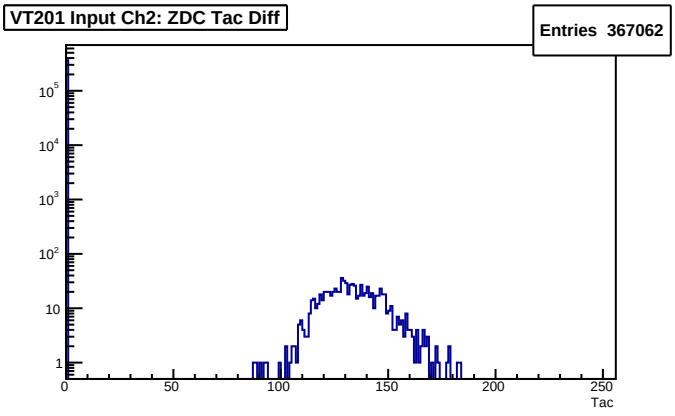

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

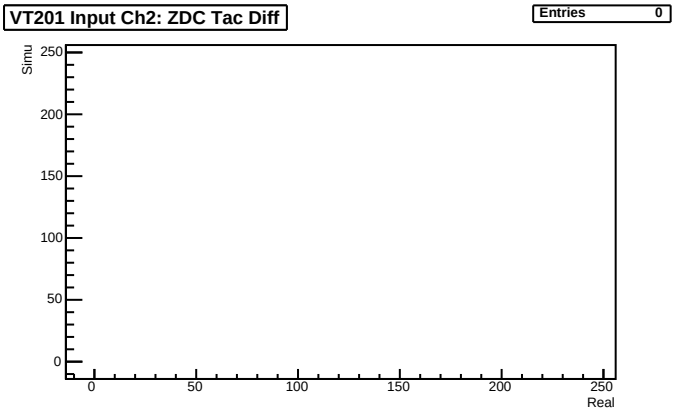

VT201 Input Ch1: EPD Tac Diff
Entries 367062
Tac

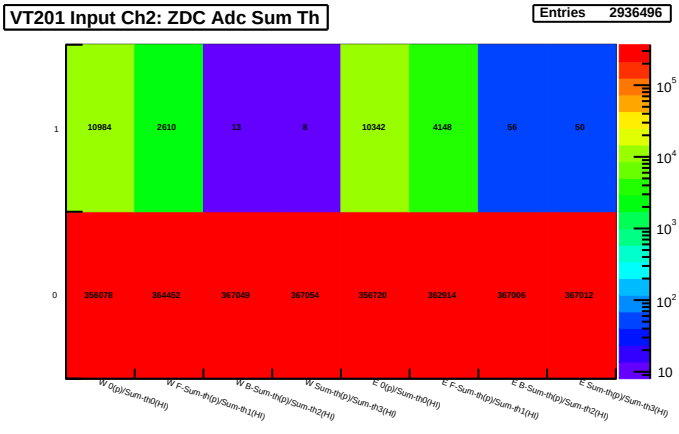

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

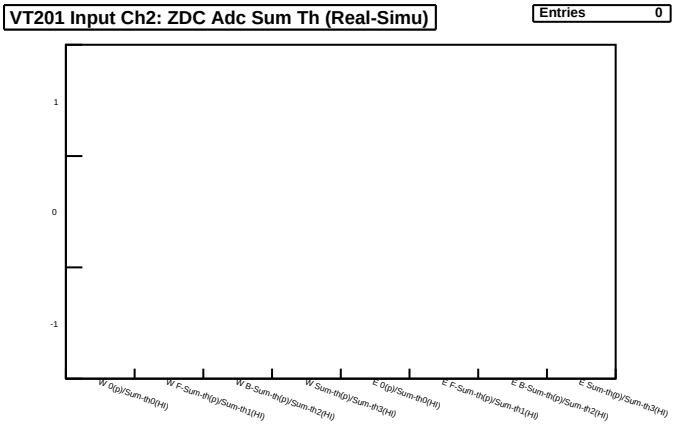

VT201 Input Ch1: EPD Hit Count Th
Entries 734124
361536
360798
5526
6264
East
West

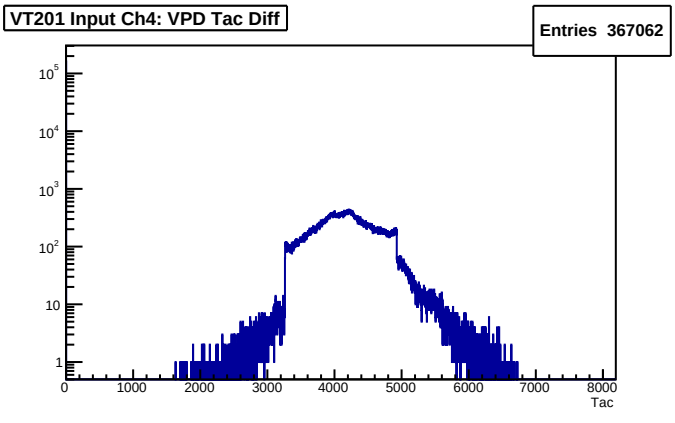

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

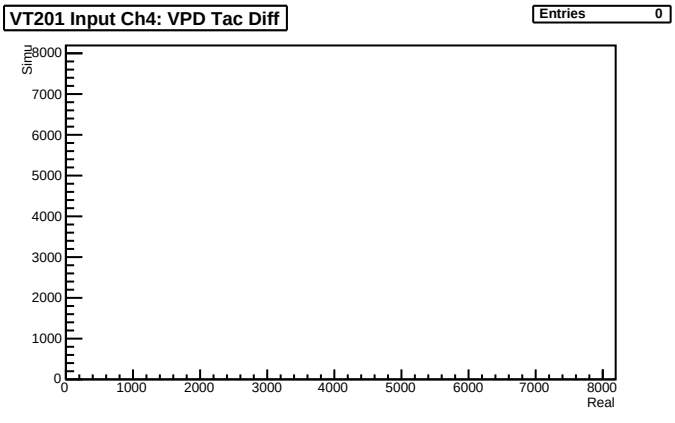

VT201 Input Ch2: ZDC Tac Diff
Entries 367062
Tac

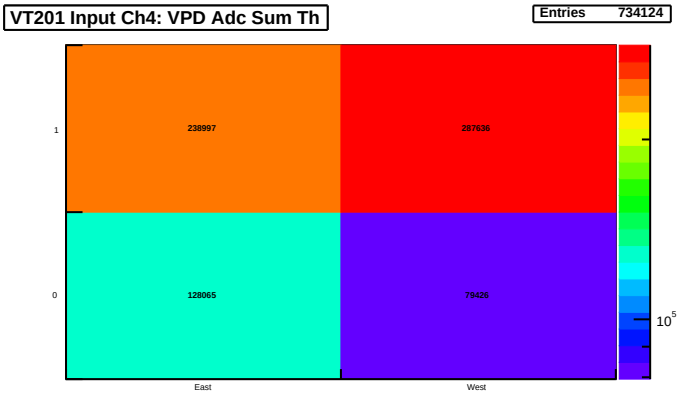

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

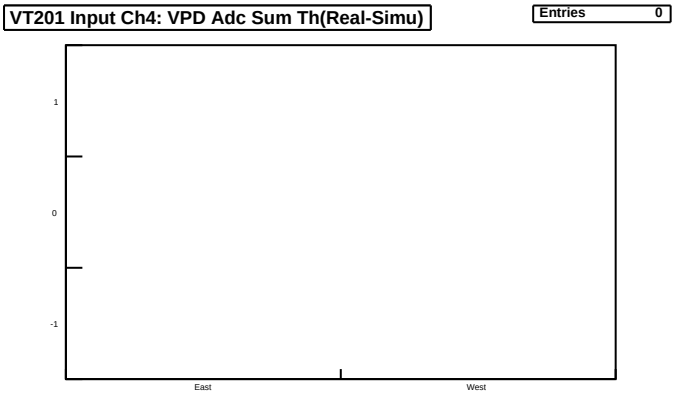

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2936496
10984
2610
13
8
10342
4148
56
50
356078
364452
367049
367054
356720
362914
367006
367012
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

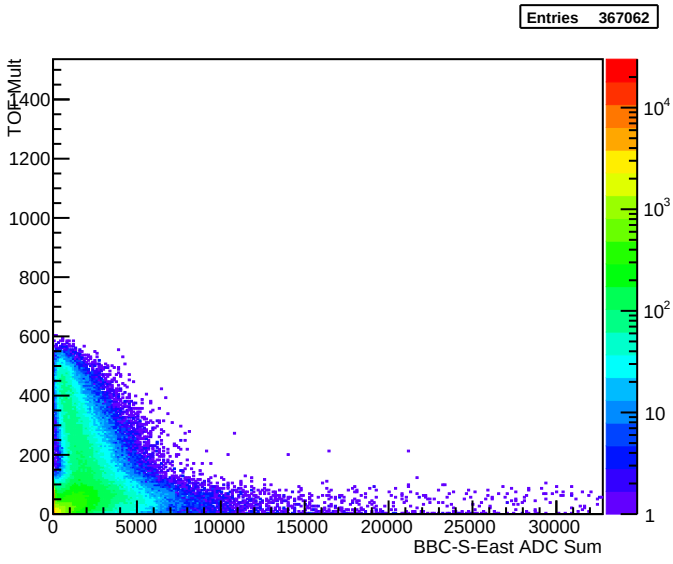

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

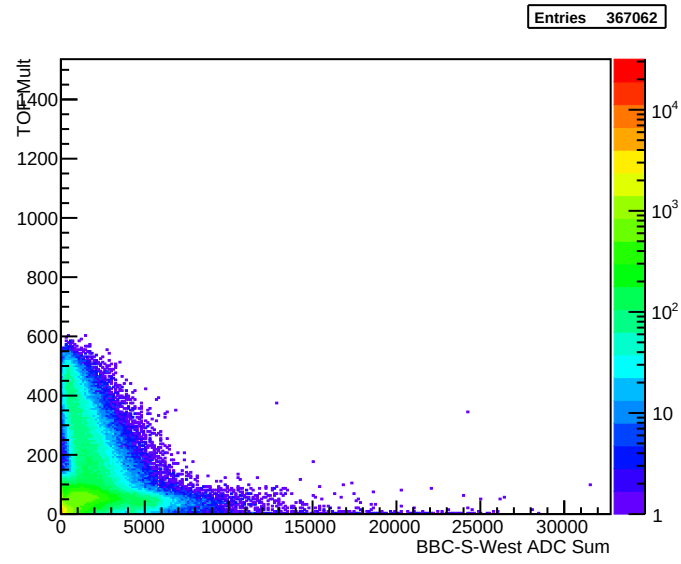

VT201 Input Ch4: VPD Tac Diff
Entries 367062
Tac

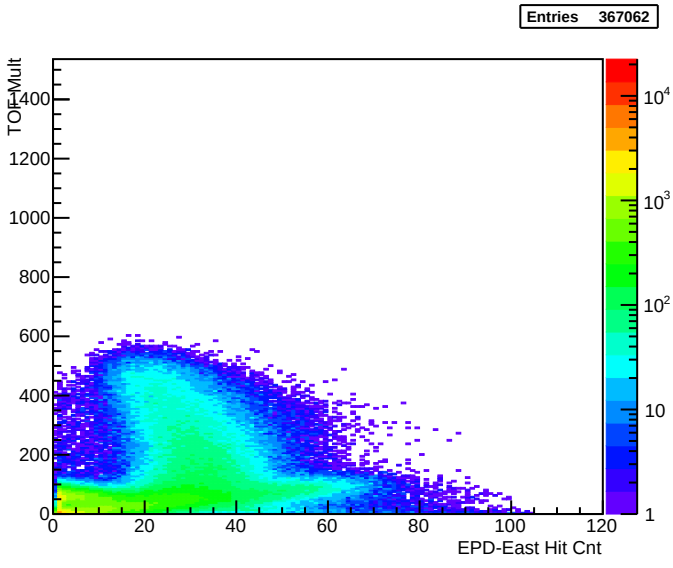

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

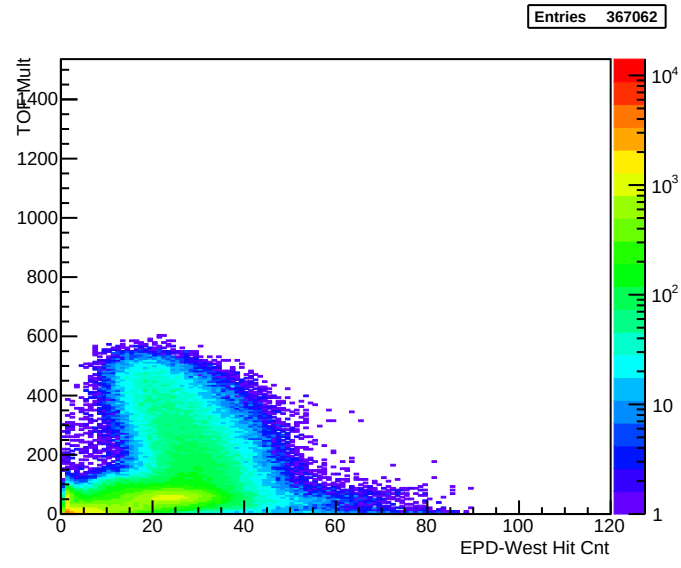

VT201 Input Ch4: VPD Adc Sum Th
Entries 734124
238997
287636
128065
79426
East
West

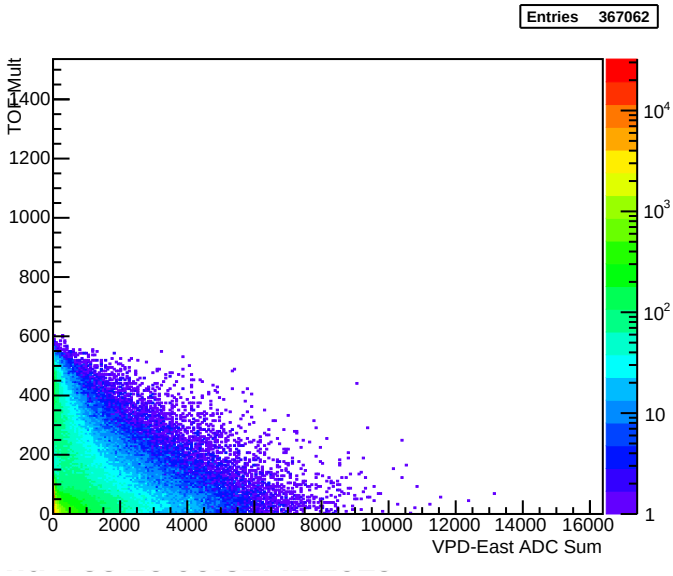

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

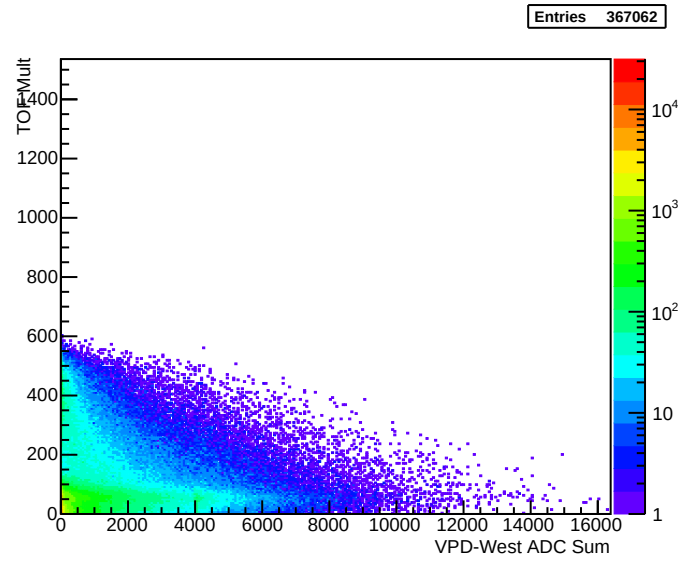

Entries 367062
TOF-Mult
BBC-S-East ADC Sum

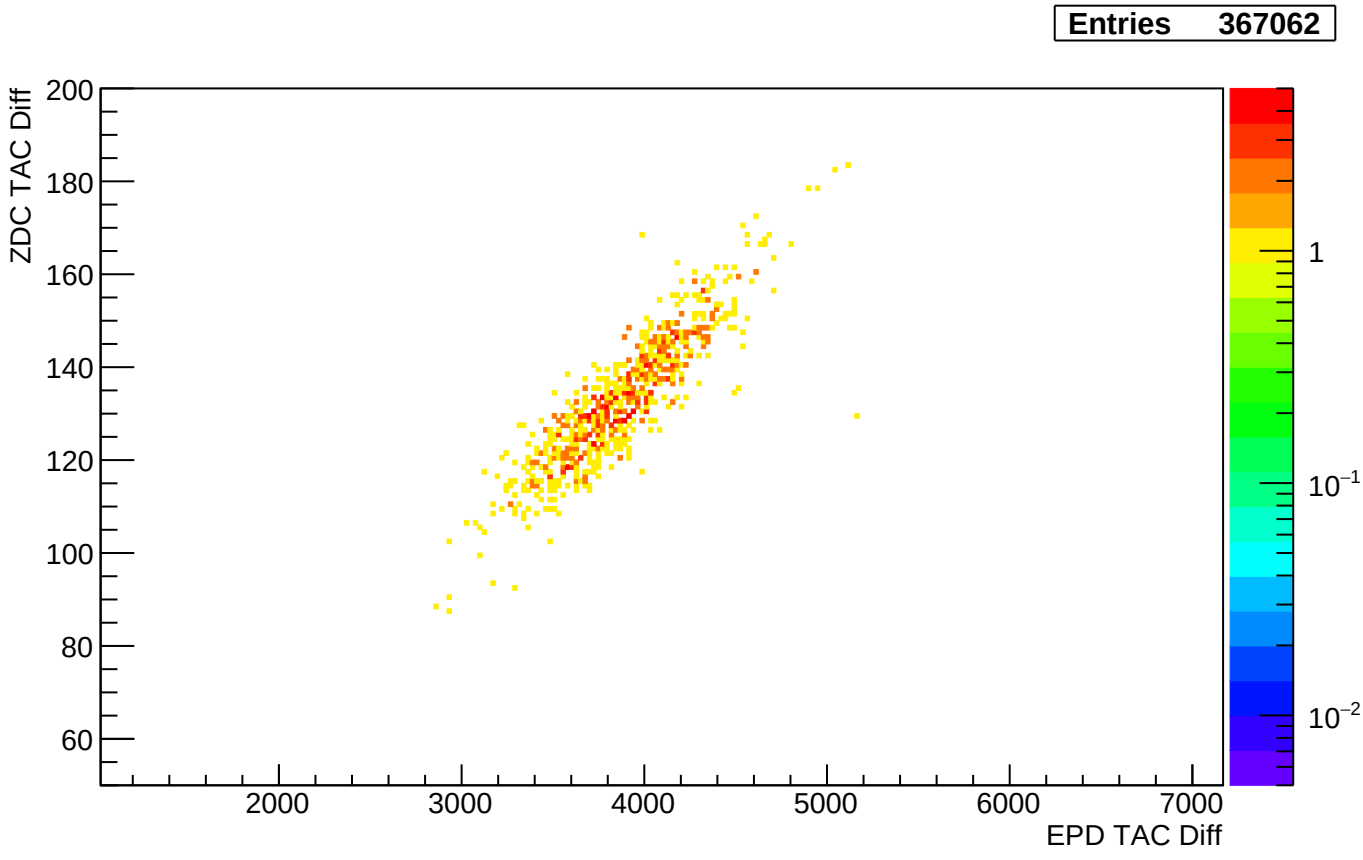

Entries 367062
TOF-Mult
BBC-S-West ADC Sum

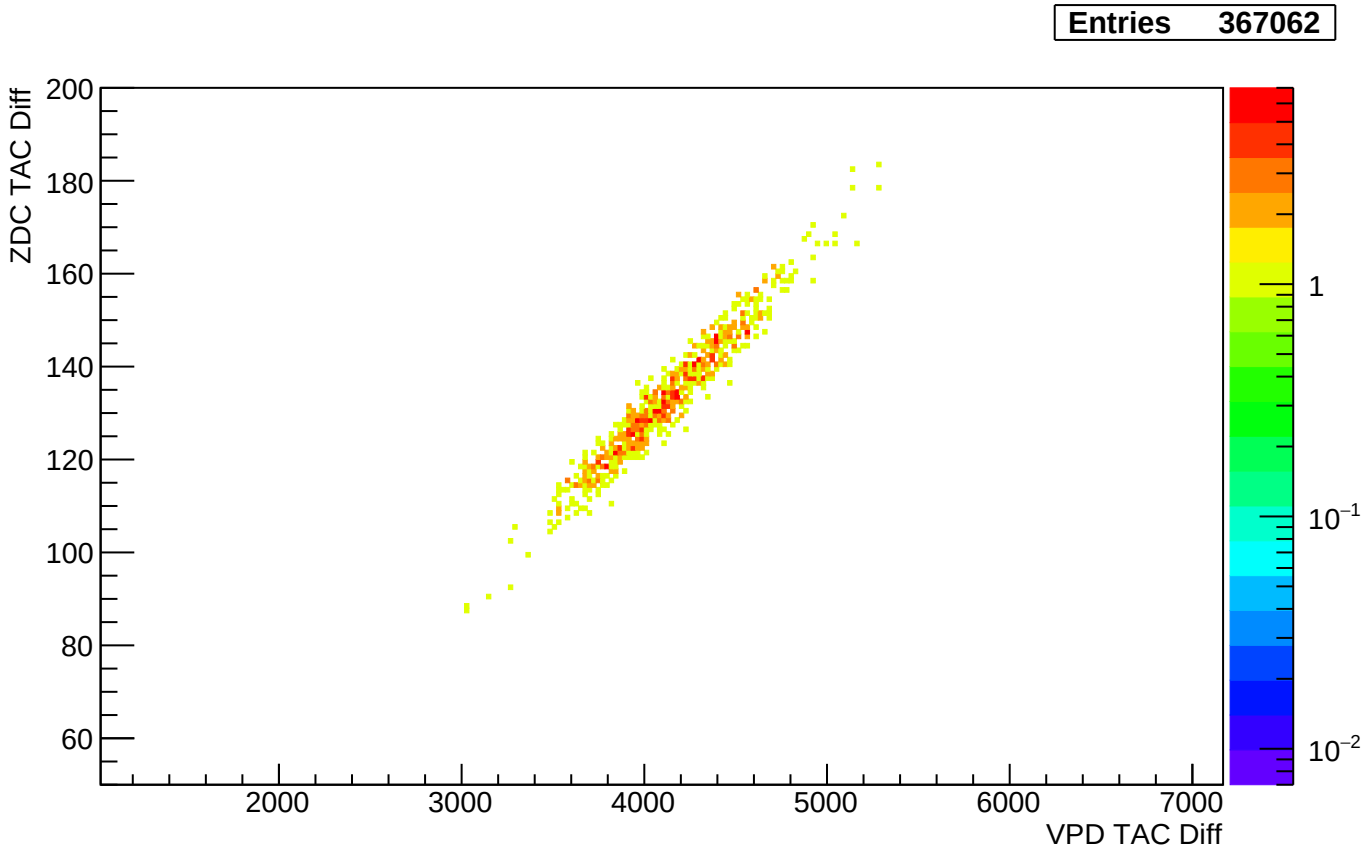

Entries 367062
TOF-Mult
EPD-East Hit Cnt

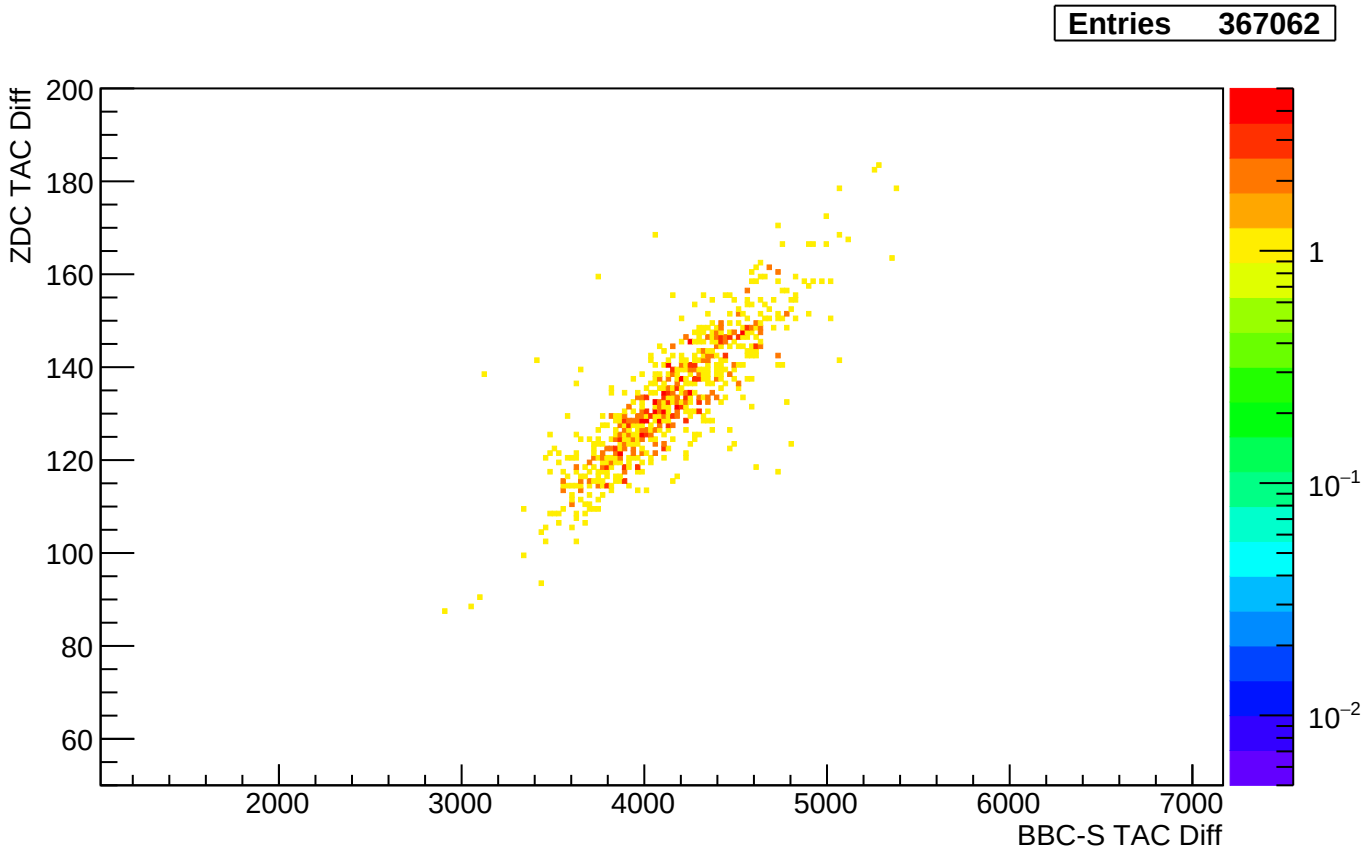

Entries 367062
TOF-Mult
EPD-West Hit Cnt

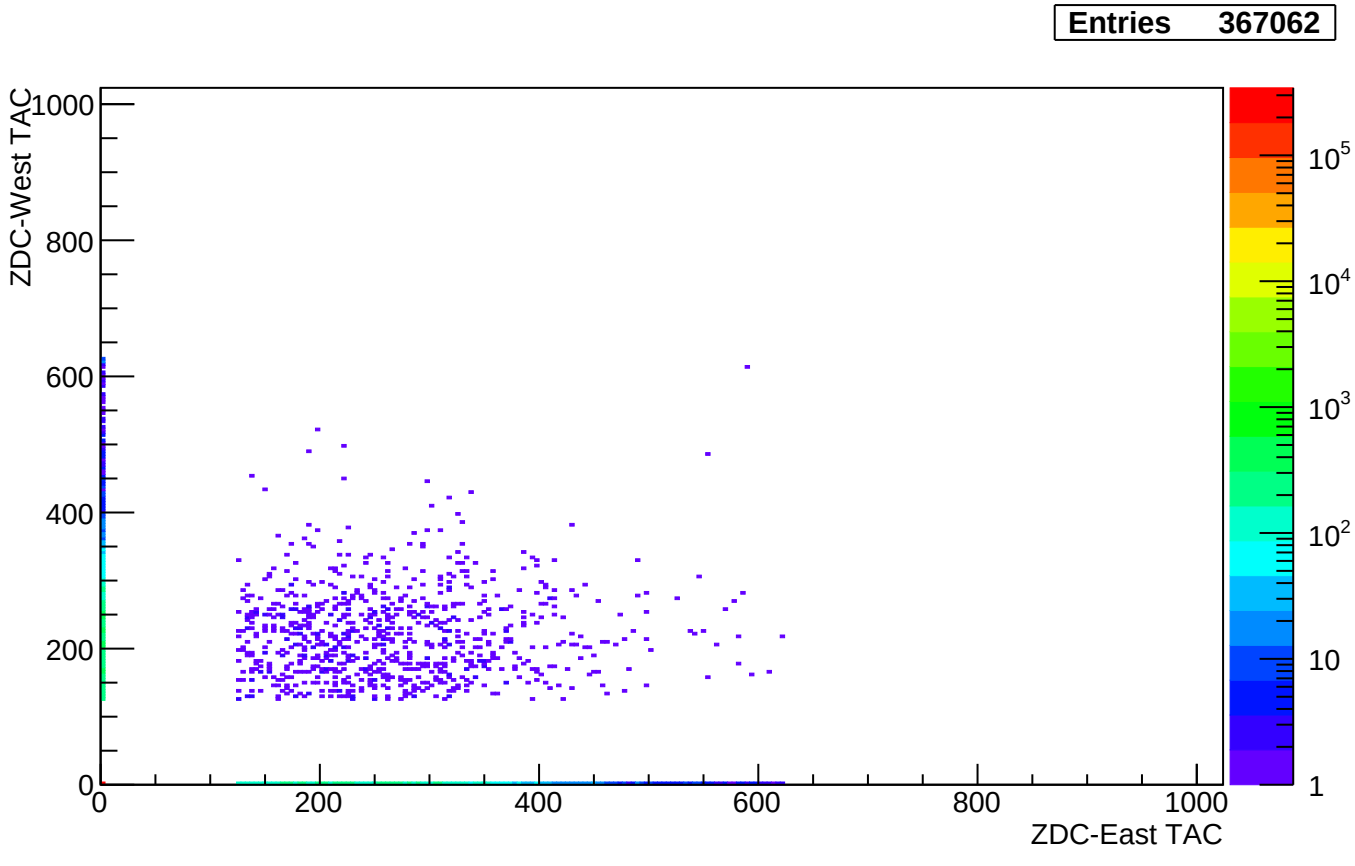

Entries 367062
TOF-Mult
VPD-East ADC Sum

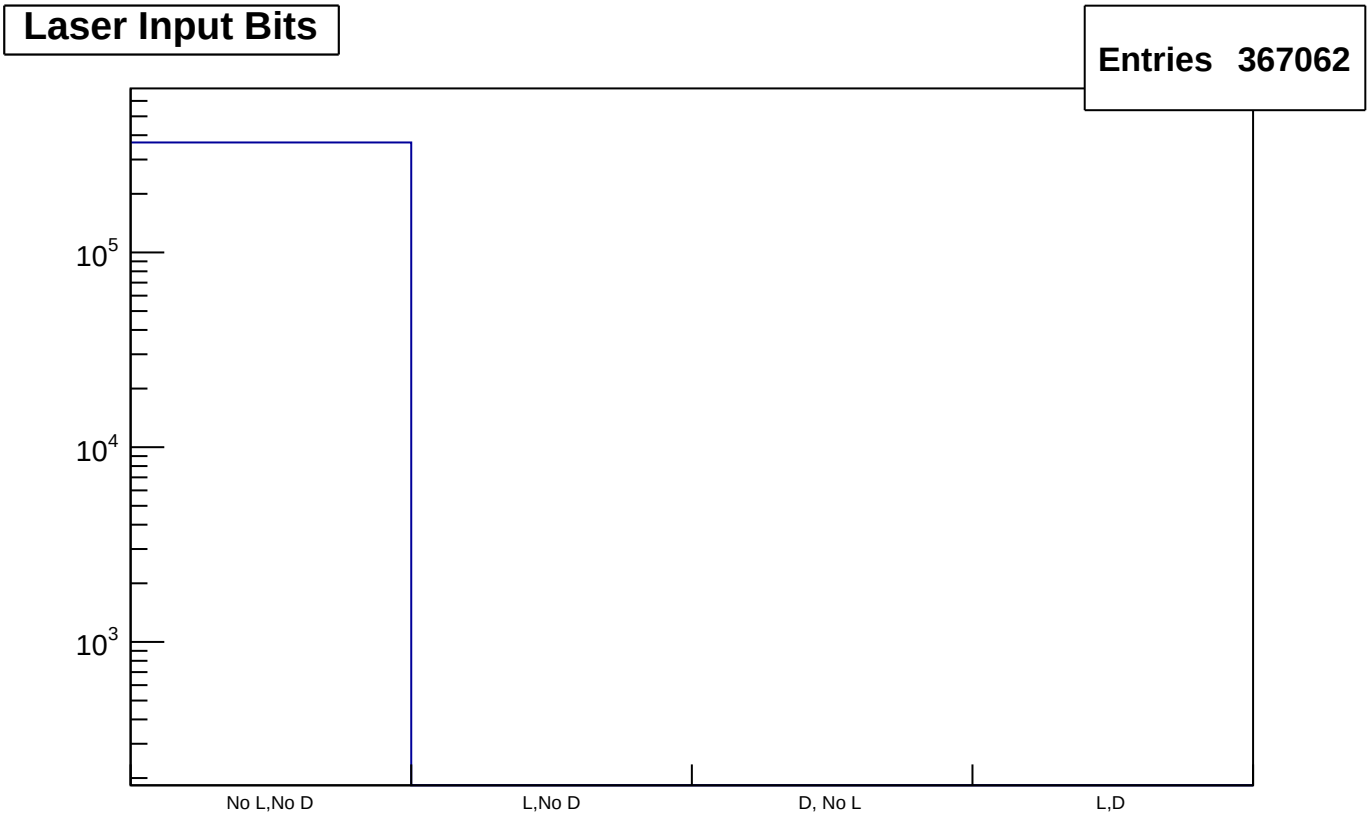

Entries 367062
TOF-Mult
VPD-West ADC Sum

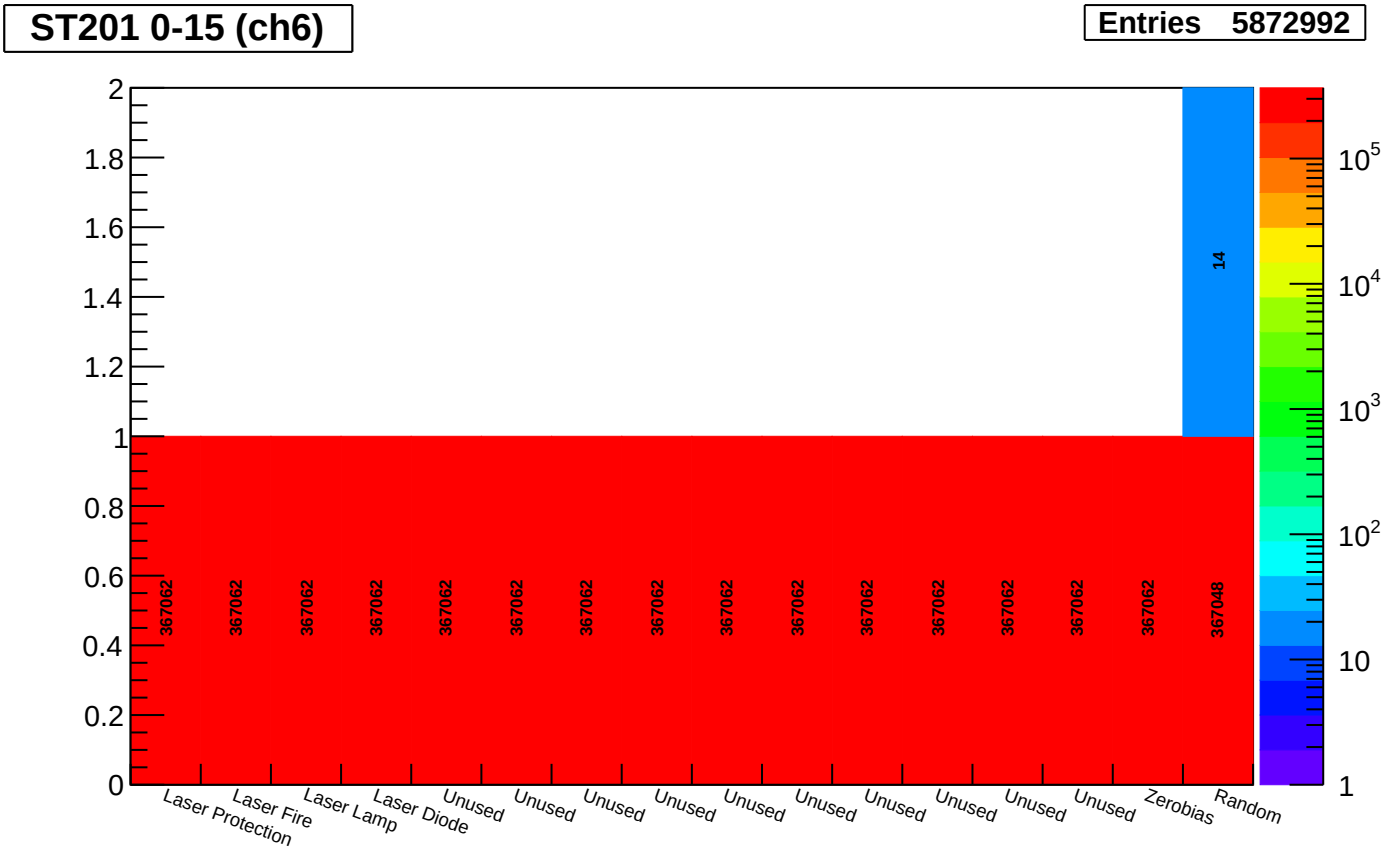

Entries 367062
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

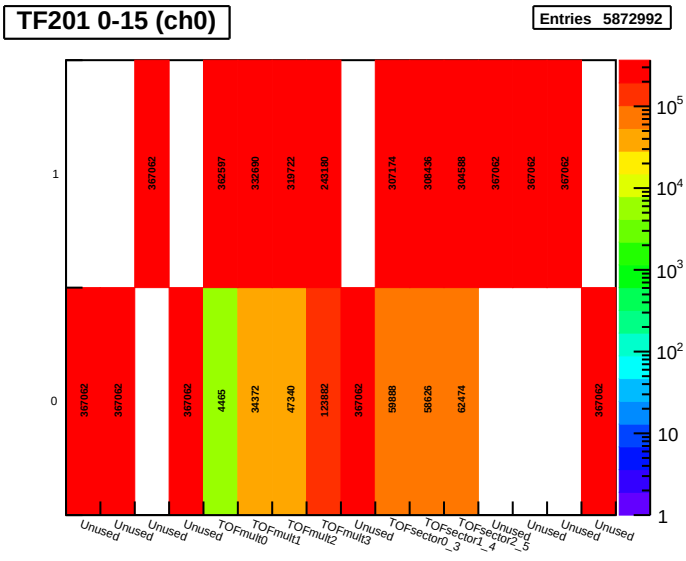

Entries 367062
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

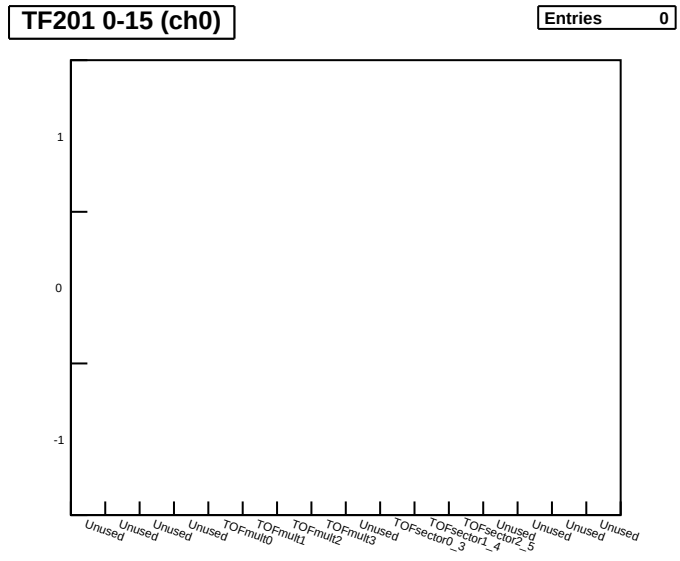

Entries 367062
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

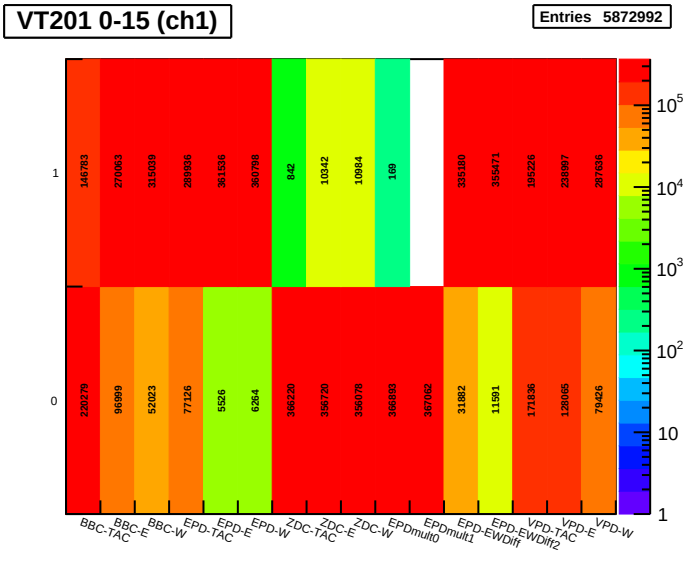

Entries 367062
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

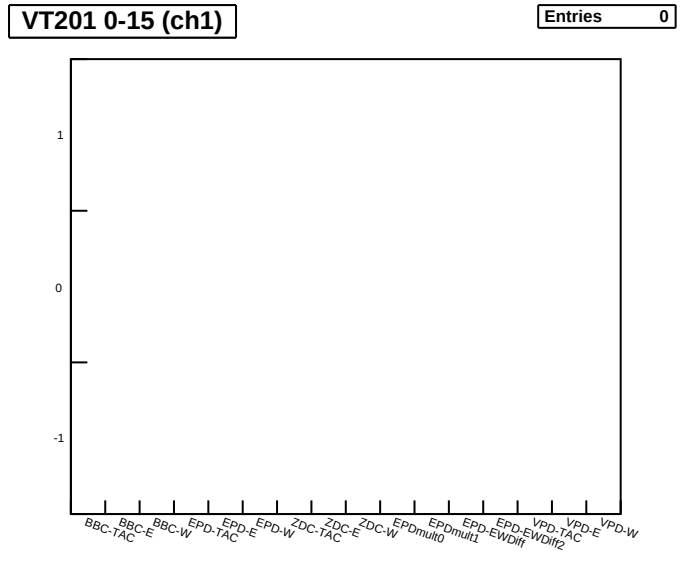

Laser Input Bits
Entries 367062
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

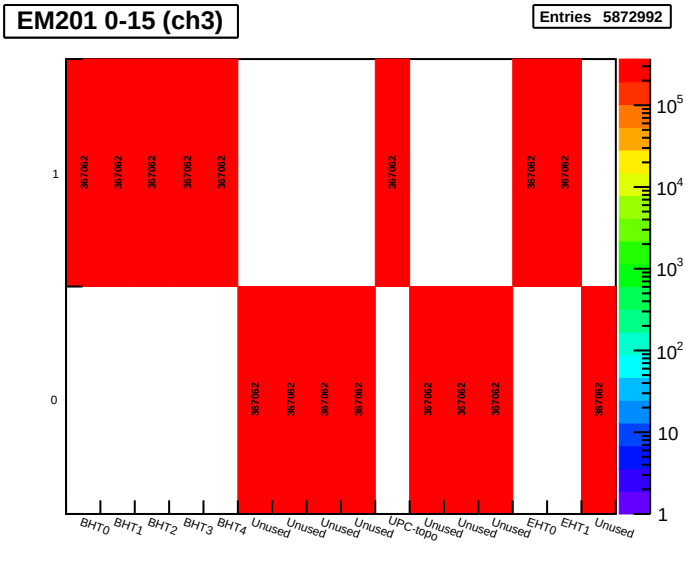

ST201 0-15 (ch6)
Entries 5872992
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
367062
367048
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

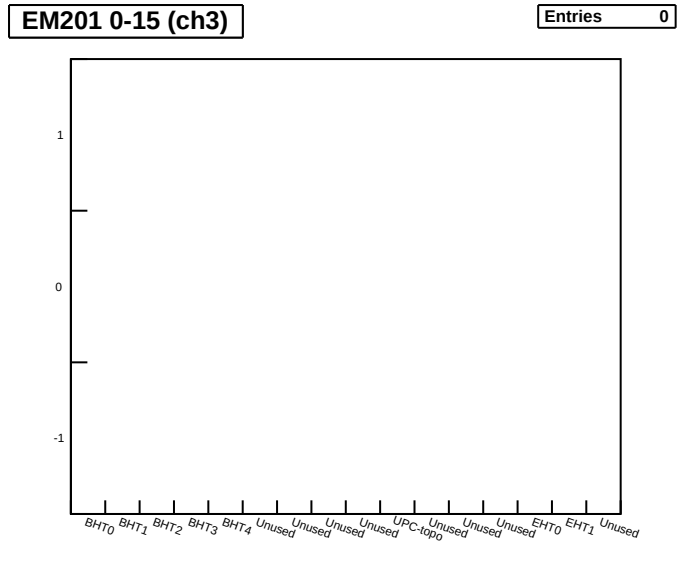

TF201 0-15 (ch0)
Entries 5872992
1
0
367062
367062
367062
367062
362597
332690
319722
243180
367062
367062
367062
367062
367062
367062
4465
34372
47340
122882
367062
59888
58626
62474
367062
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5872992
1
0
146783
270053
315039
289936
361536
360798
842
10342
10984
169
335180
355471
195226
238997
287636
220279
96999
52023
77126
5526
6264
366220
356720
356078
366893
367062
31882
11591
171836
128065
79426
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 5872992
1
0
367062
367062
367062
367062
367062
367062
367062
367062
367062
367062
367062
367062
367062
367062
367062
367062
367062
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