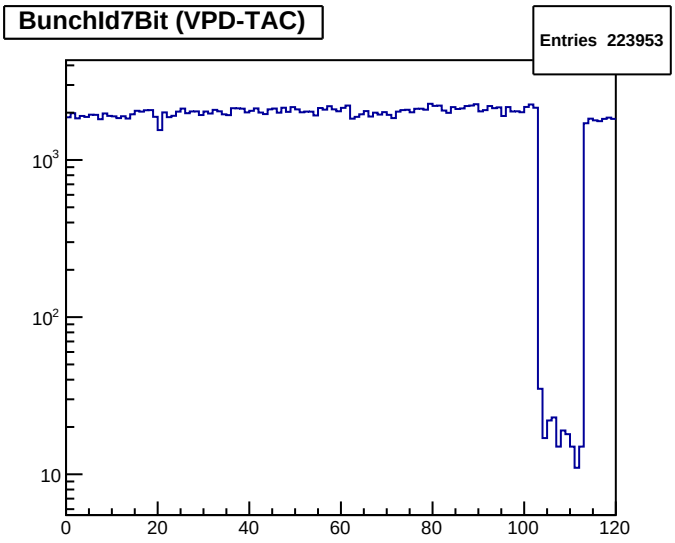
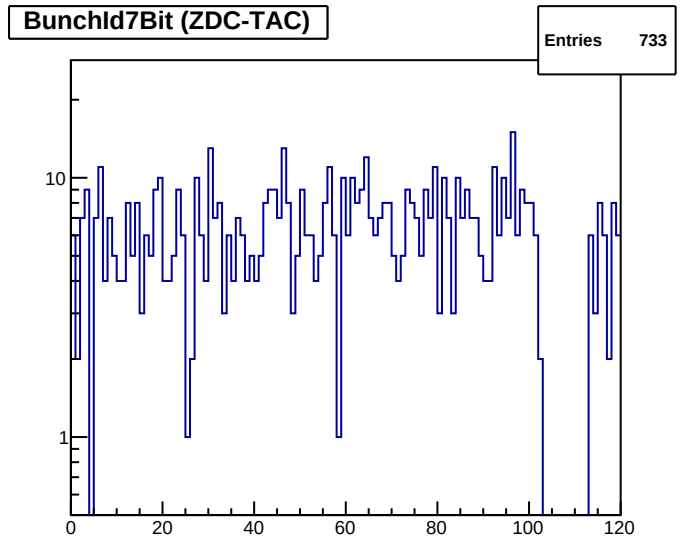
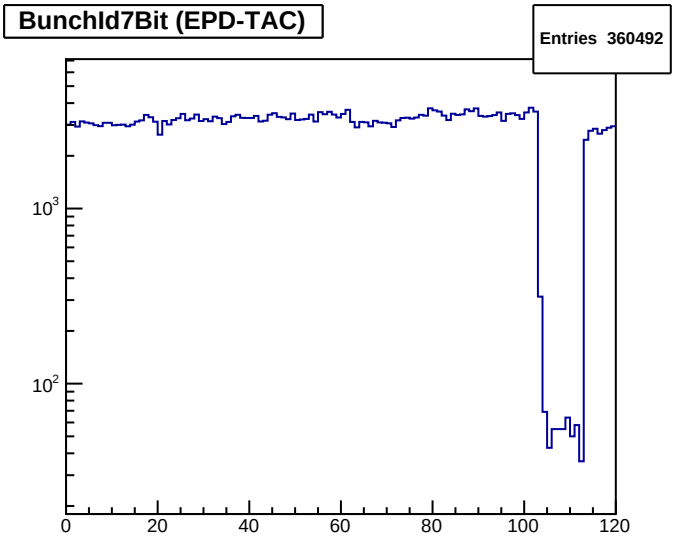
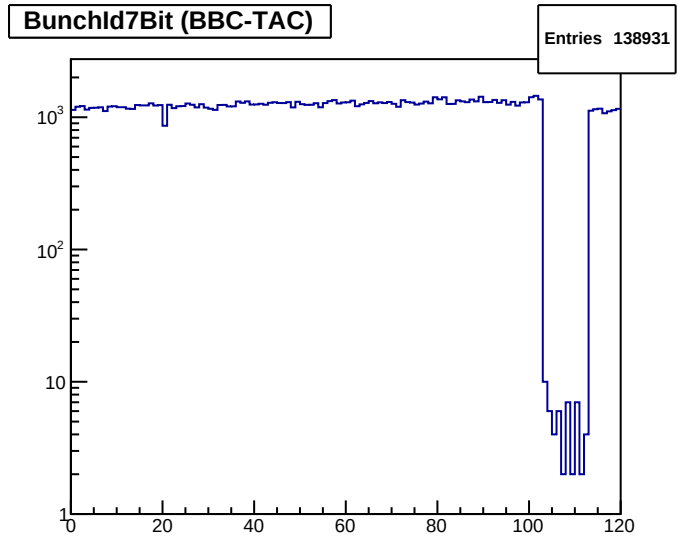
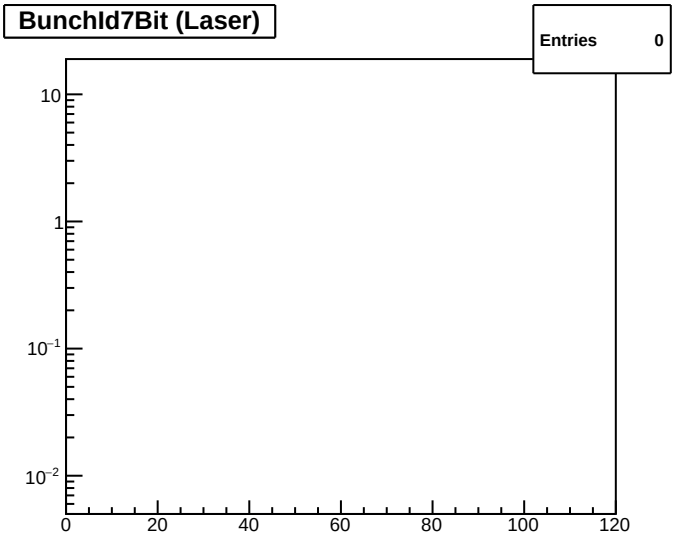
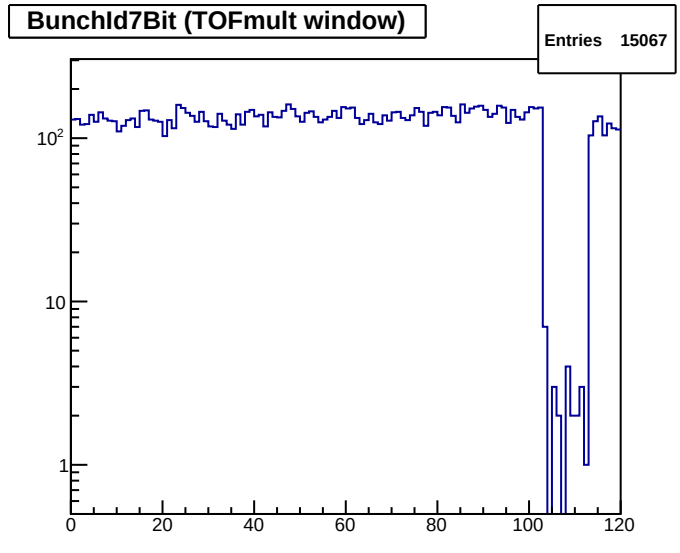

BunchId7Bit (VPD-TAC)
Entries 223953

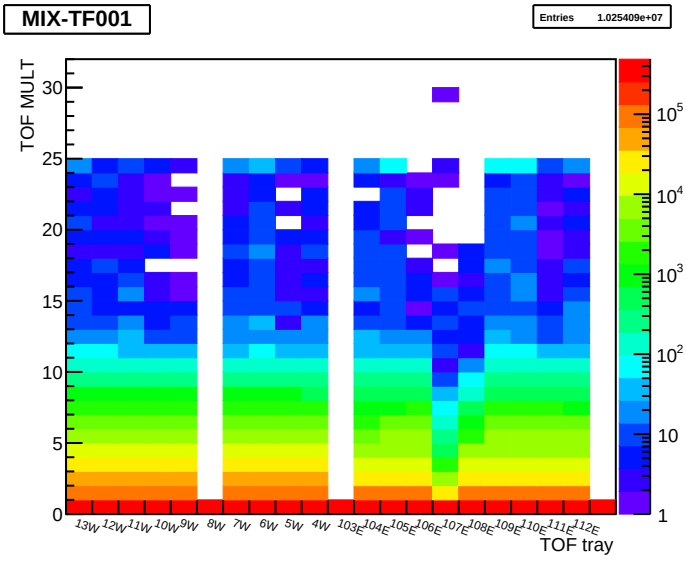

BunchId7Bit (ZDC-TAC)
Entries 733

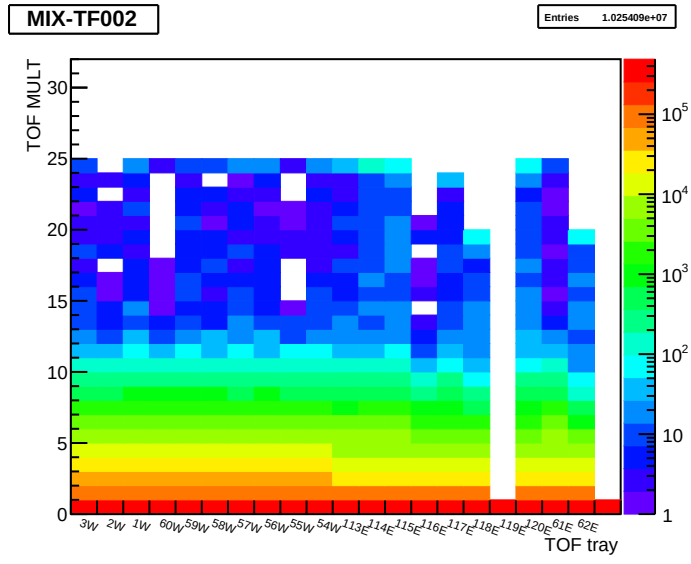

BunchId7Bit (EPD-TAC)
Entries 360492

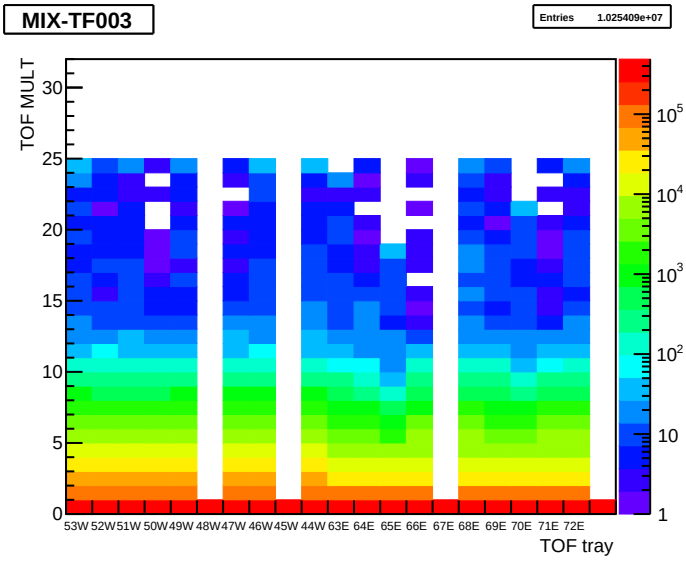

BunchId7Bit (BBC-TAC)
Entries 138931

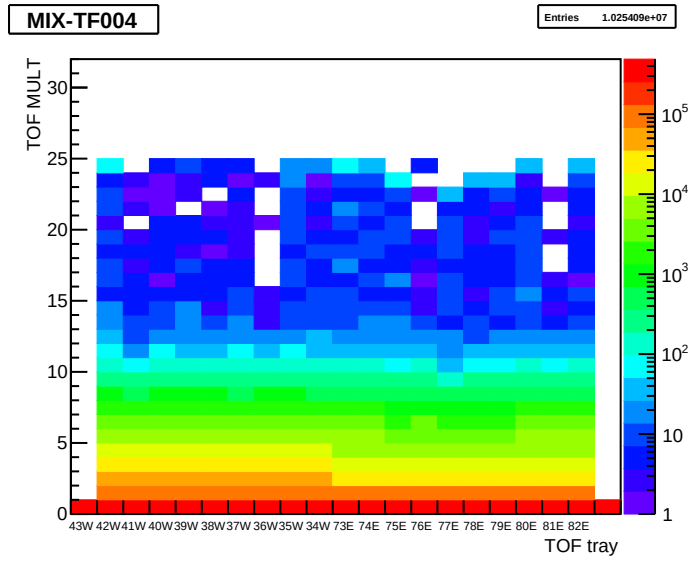

BunchId7Bit (Laser)
Entries 0

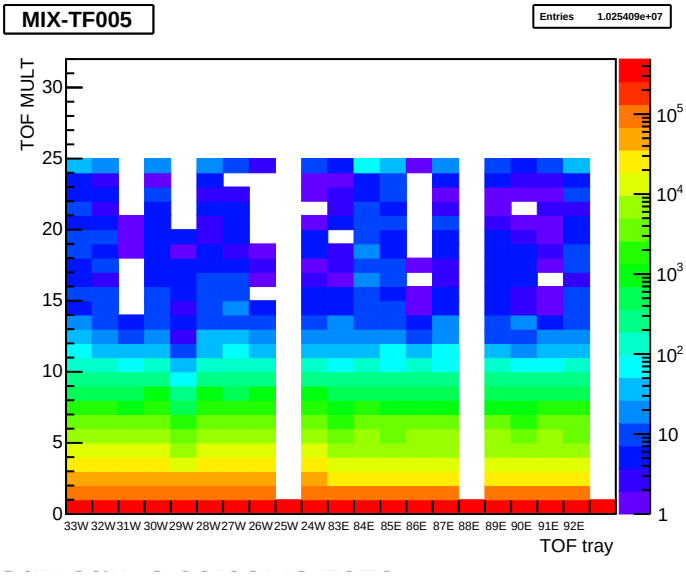

BunchId7Bit (TOFmult window)
Entries 15067

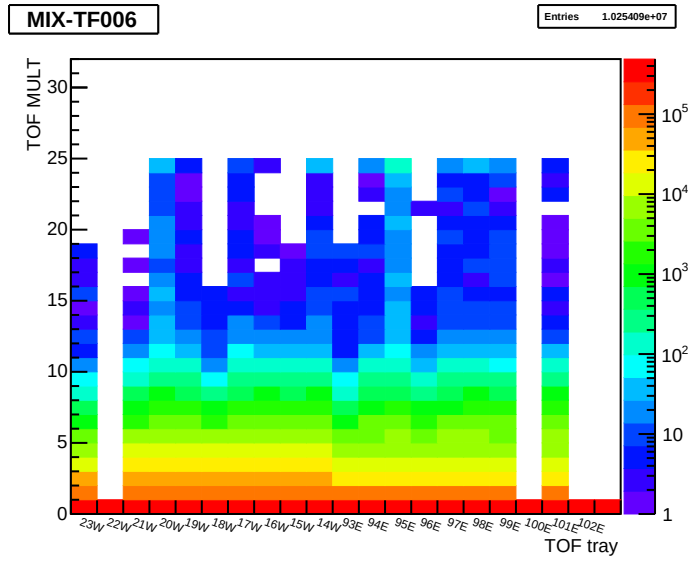

MIX-TF001
Entries 1.025409e+07
TOF MULT
TOF tray

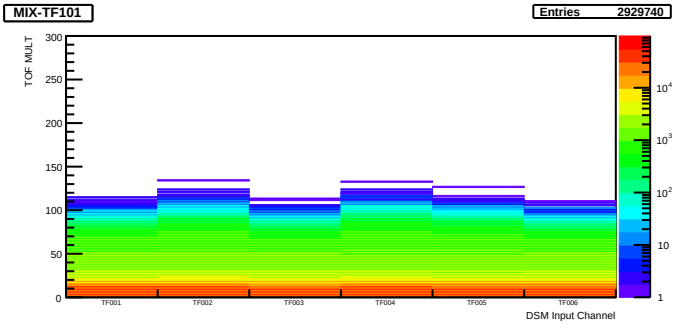

MIX-TF002
Entries 1.025409e+07
TOF MULT
TOF tray

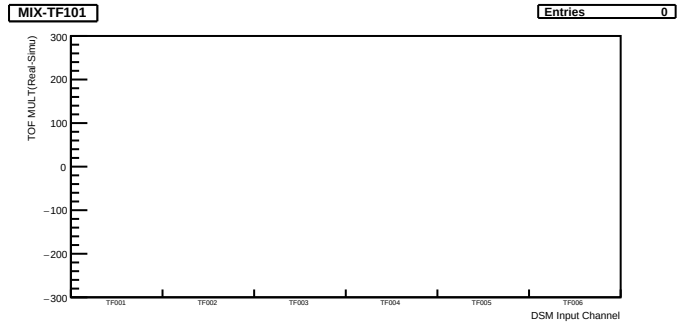

MIX-TF003
Entries 1.025409e+07
TOF MULT
TOF tray

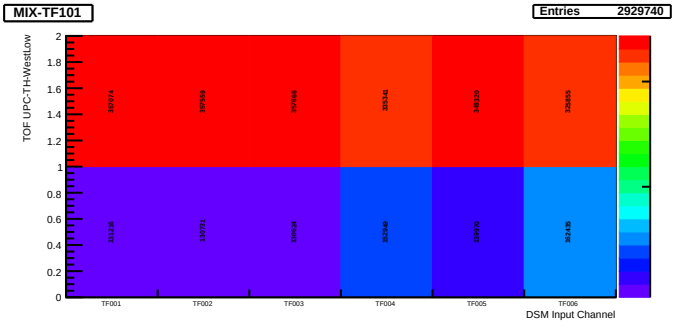

MIX-TF004
Entries 1.025409e+07
TOF MULT
TOF tray

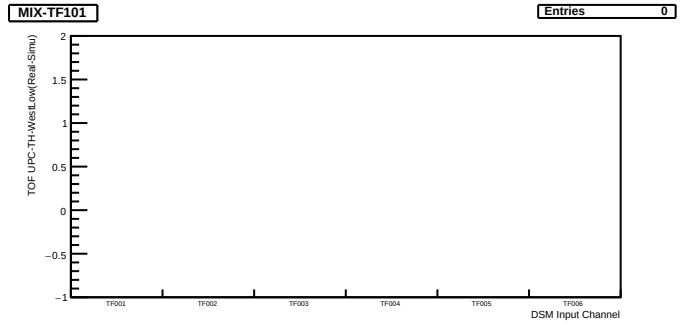

MIX-TF005
Entries 1.025409e+07
TOF MULT
TOF tray

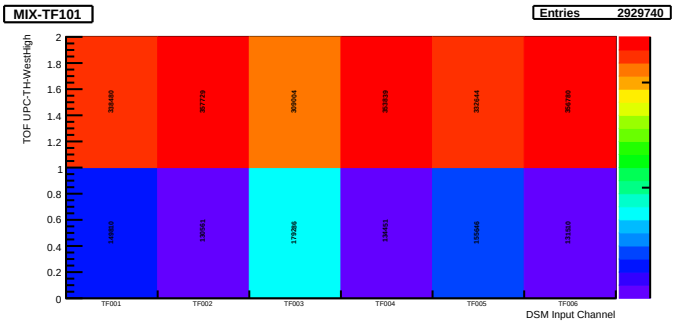

MIX-TF006
Entries 1.025409e+07
TOF MULT
TOF tray

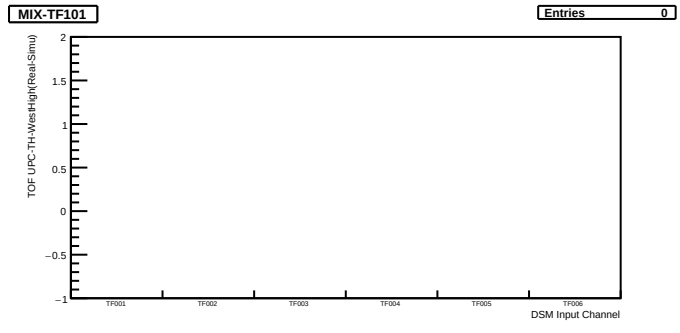

MIX-TF101
Entries 2929740
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

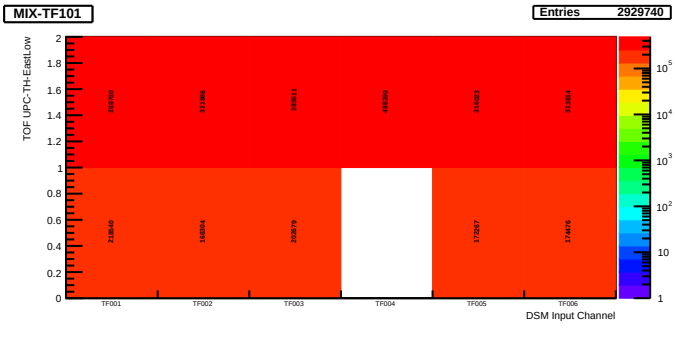

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

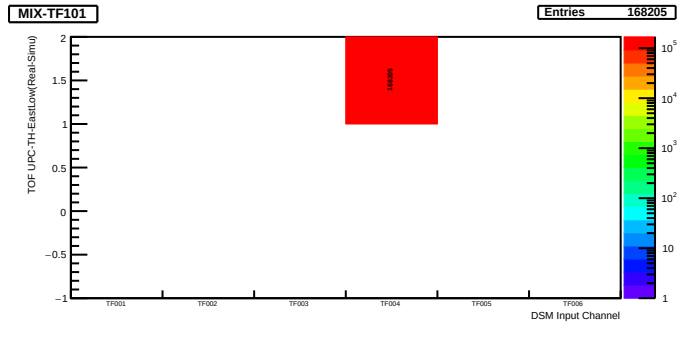

MIX-TF101
Entries 2929740
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

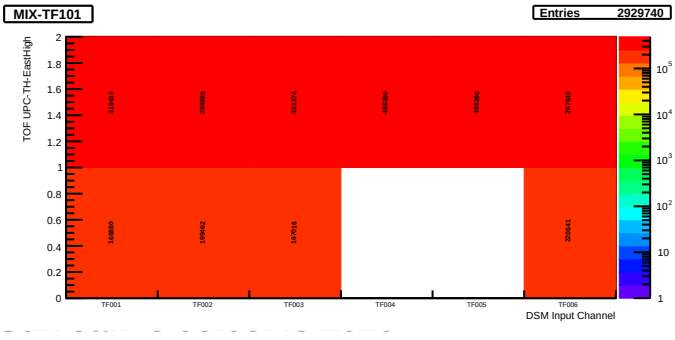

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

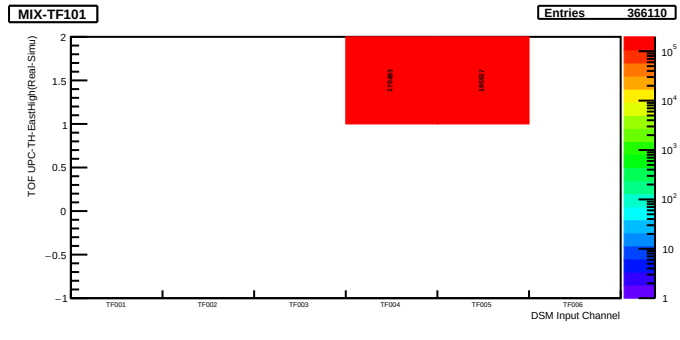

MIX-TF101
Entries 2929740
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

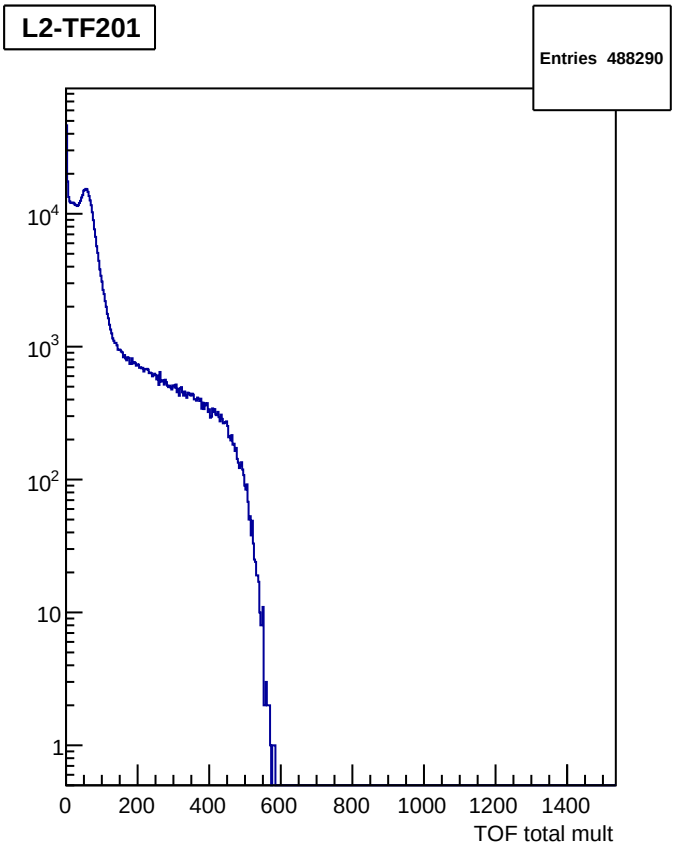

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

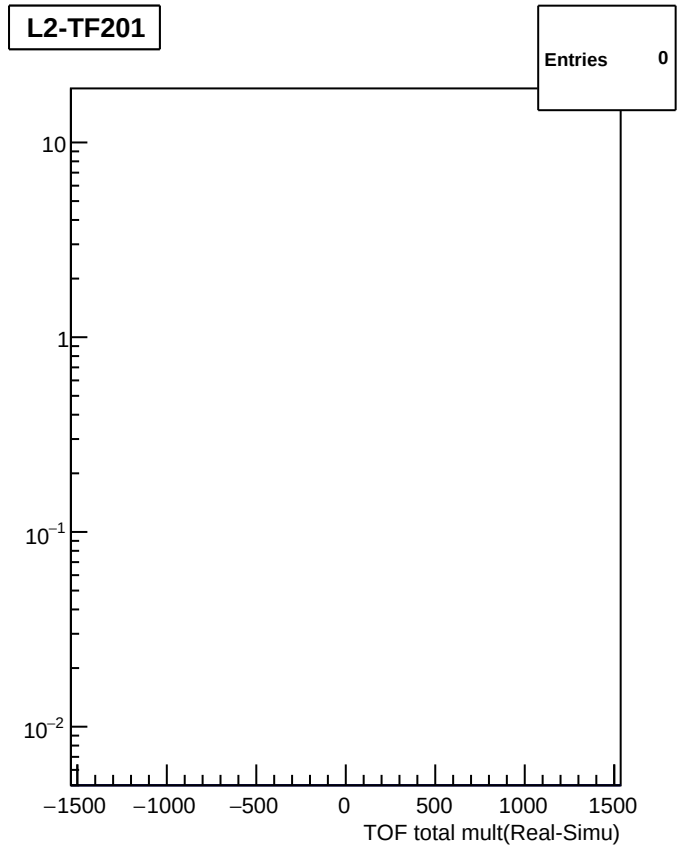

MIX-TF101
Entries 2929740
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

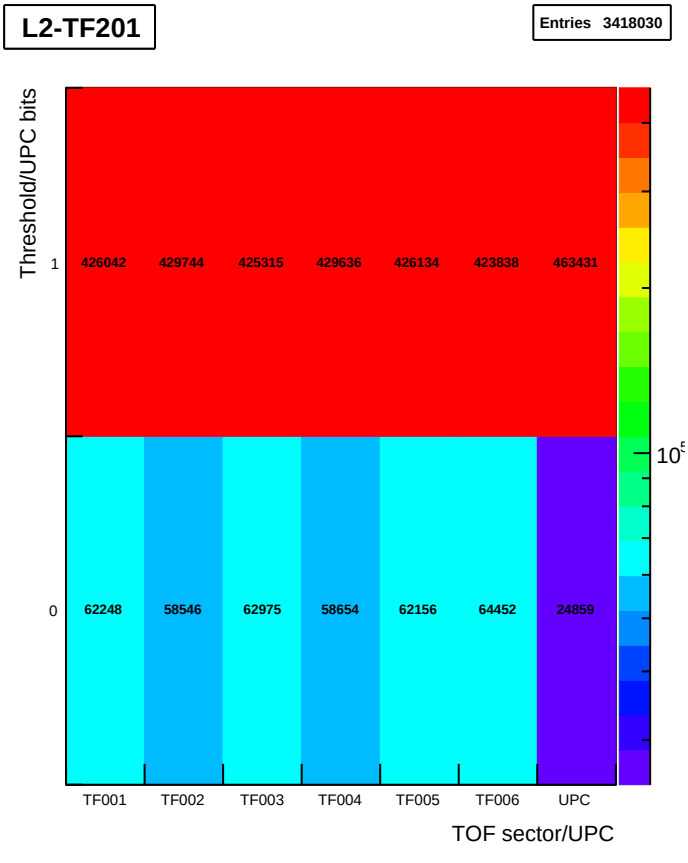

MIX-TF101
Entries 168205
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

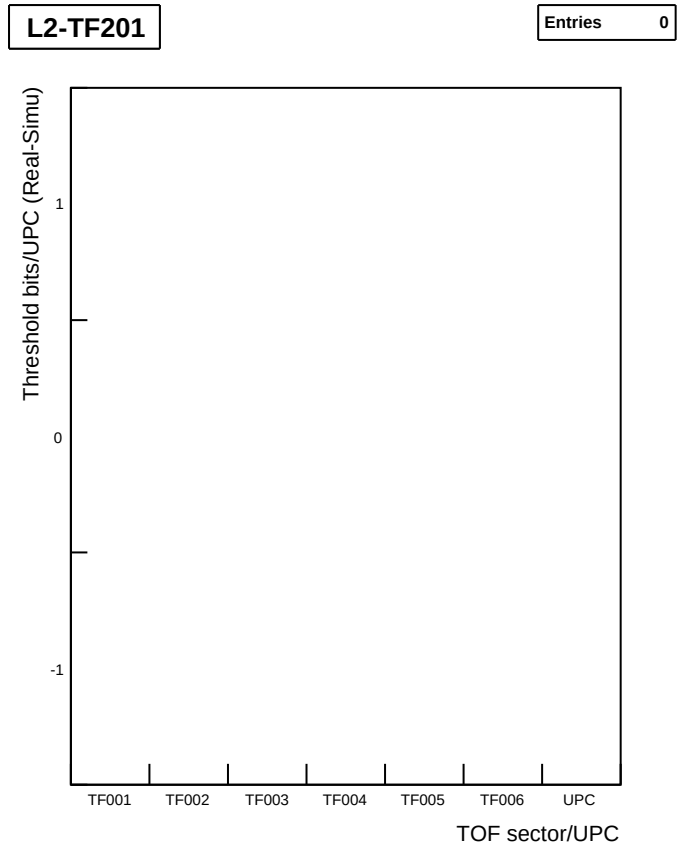

MIX-TF101
Entries 2929740
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

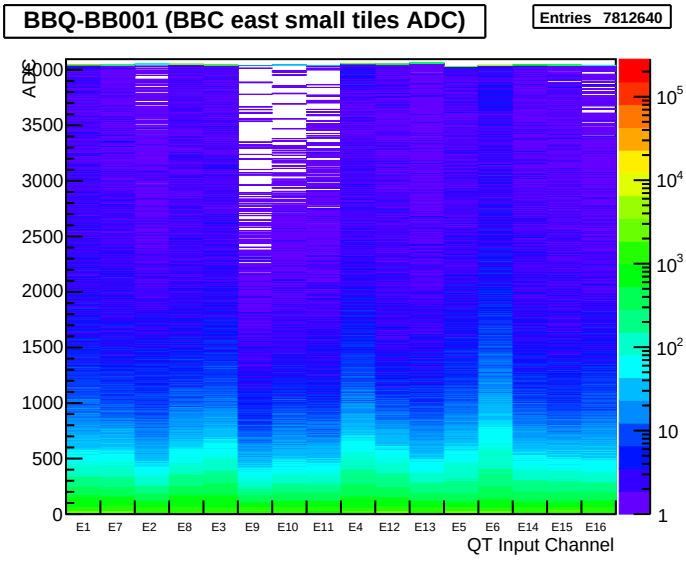

MIX-TF101
Entries 366110
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

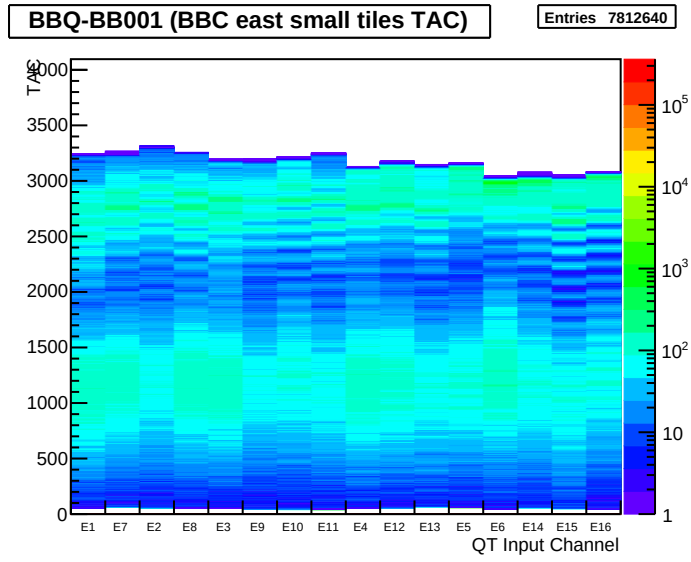

L2-TF201
Entries 488290
TOF total mult

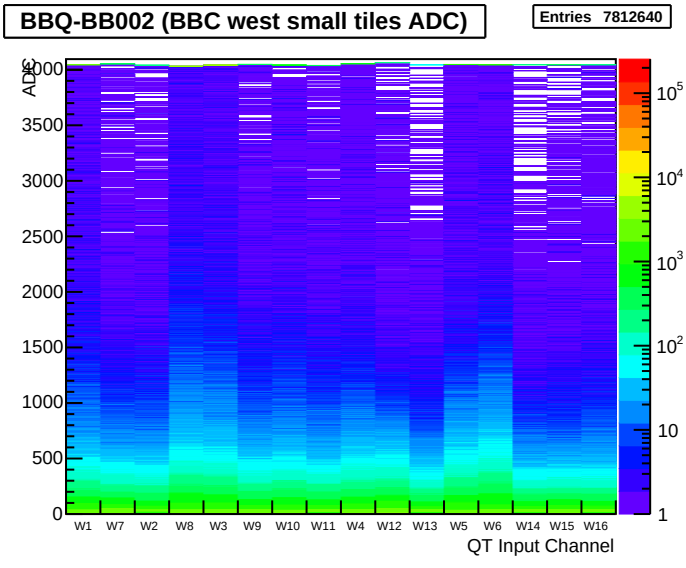

L2-TF201
Entries 0
TOF total mult(Real-Simu)

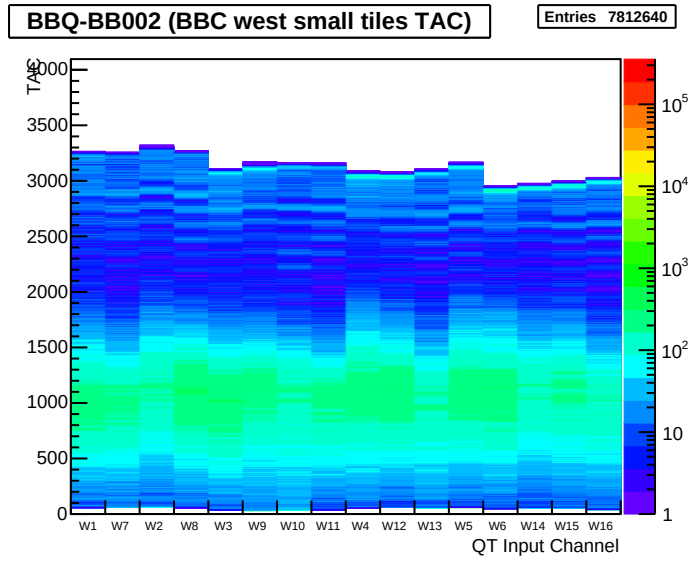

L2-TF201
Entries 3418030
Threshold/UPC bits
426042
429744
425315
429636
426134
423838
463431
62248
58546
62975
58654
62156
64452
24859
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

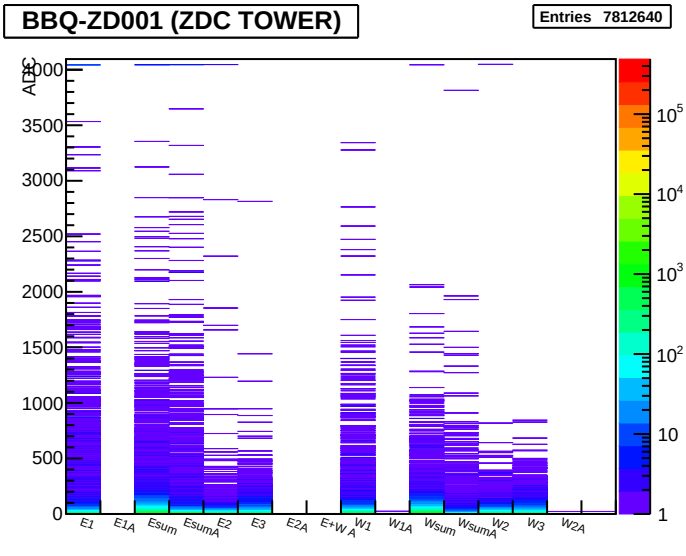

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

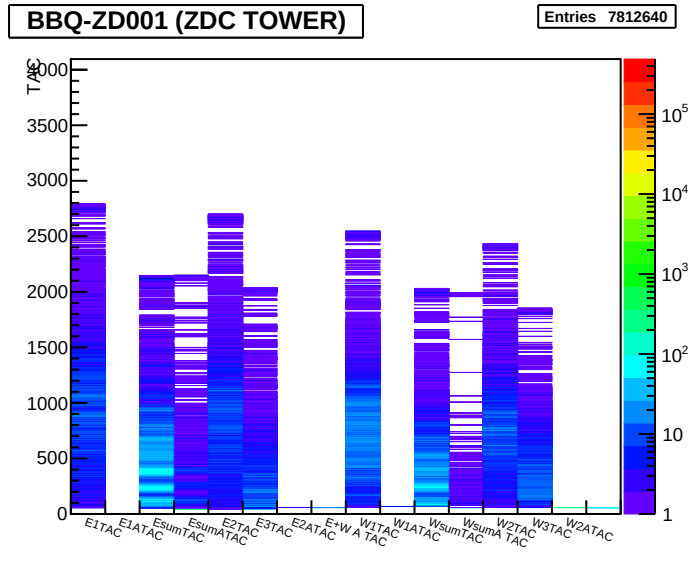

BBQ-BB001 (BBC east small tiles ADC)
Entries 7812640
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

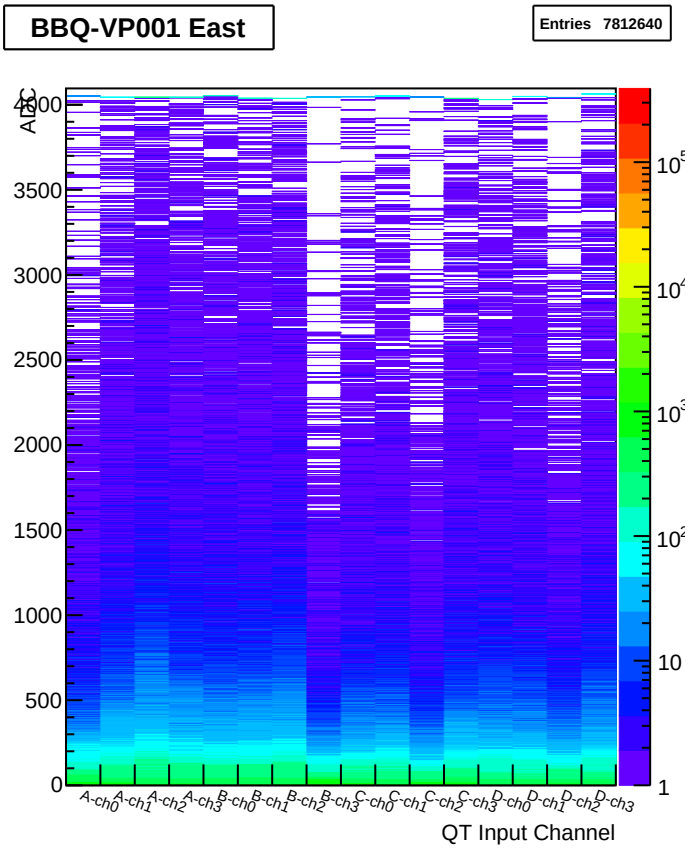

BBQ-BB001 (BBC east small tiles TAC)
Entries 7812640
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

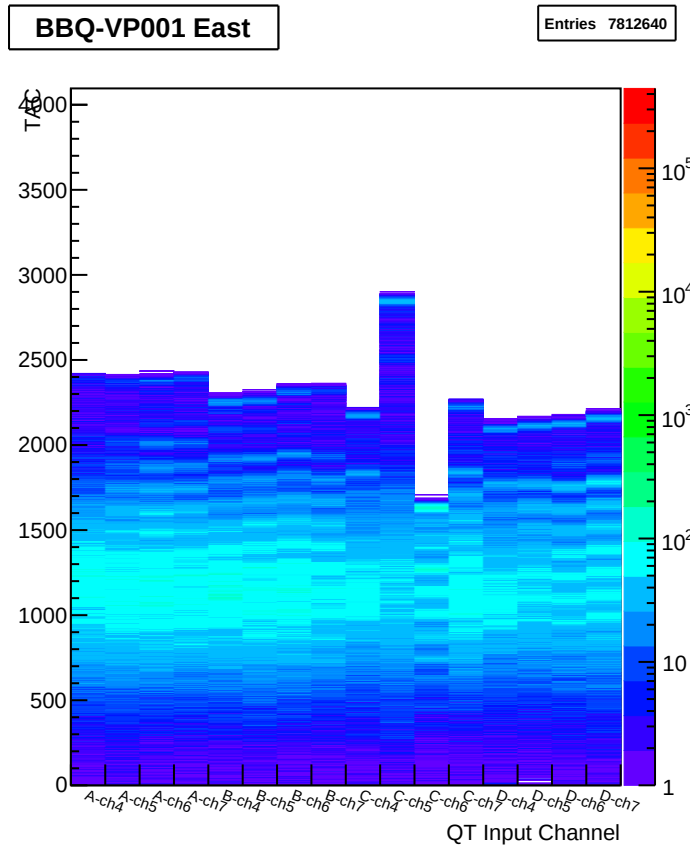

BBQ-BB002 (BBC west small tiles ADC)
Entries 7812640
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

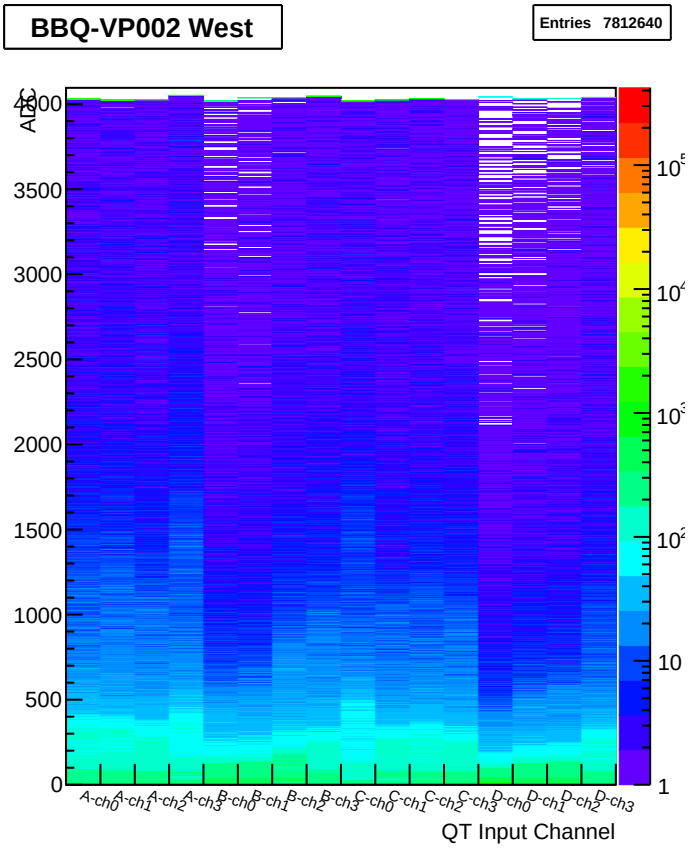

BBQ-BB002 (BBC west small tiles TAC)
Entries 7812640
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

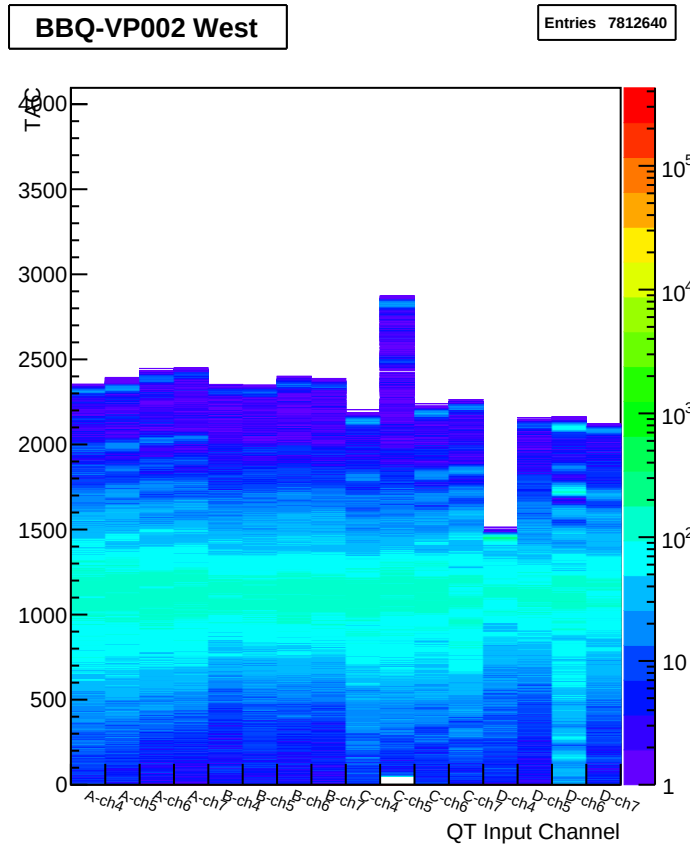

BBQ-ZD001 (ZDC TOWER)
Entries 7812640
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

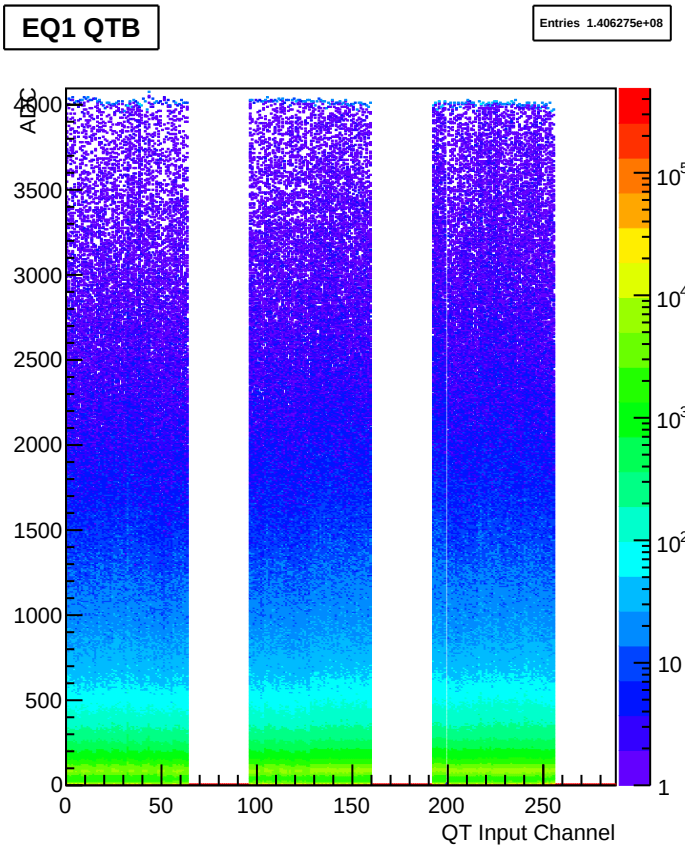

BBQ-ZD001 (ZDC TOWER)
Entries 7812640
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

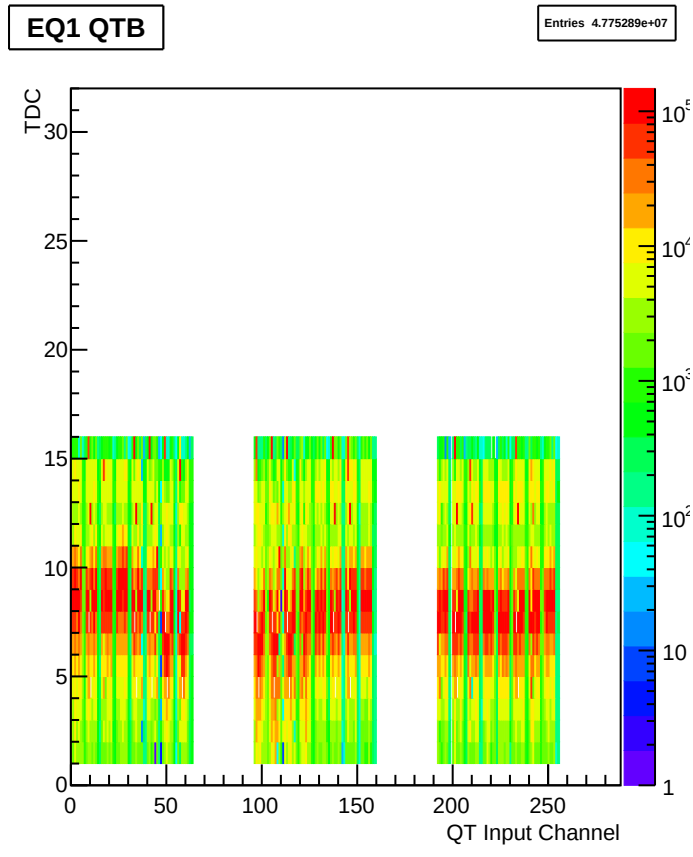

BBQ-VP001 East
Entries 7812640
ADC
QT Input Channel

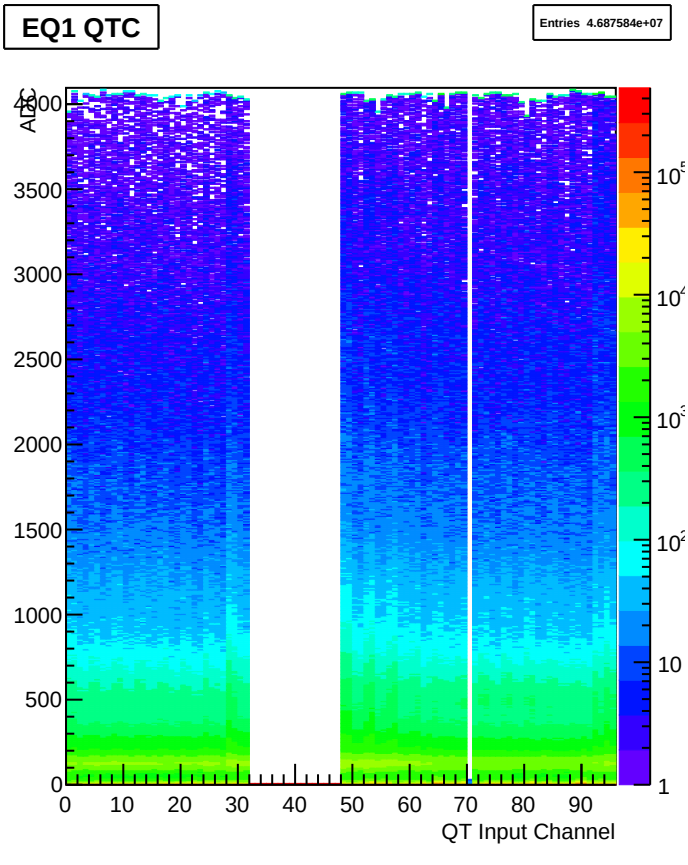

BBQ-VP001 East
Entries 7812640
ADC
QT Input Channel

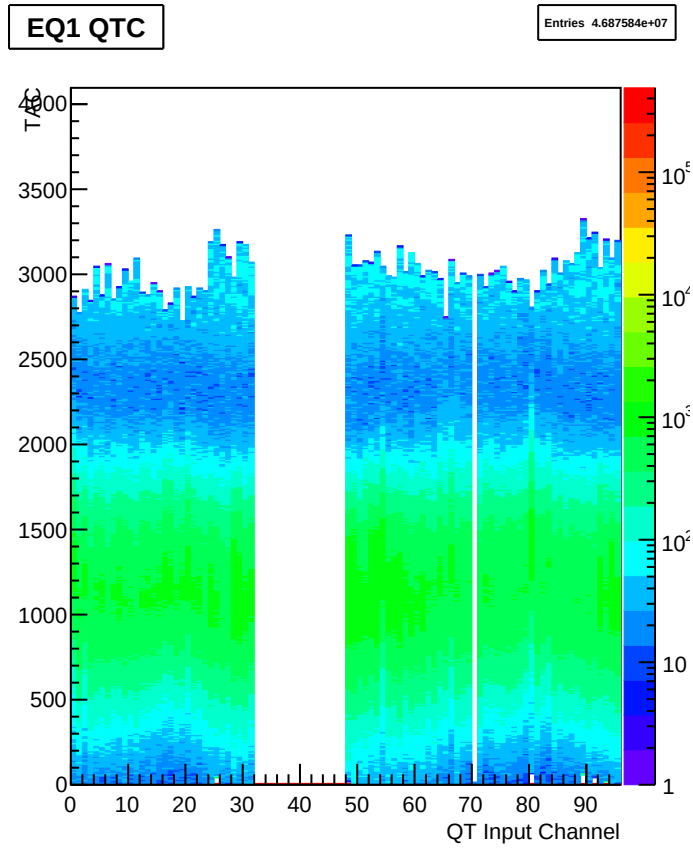

BBQ-VP002 West
Entries 7812640
ADC
QT Input Channel

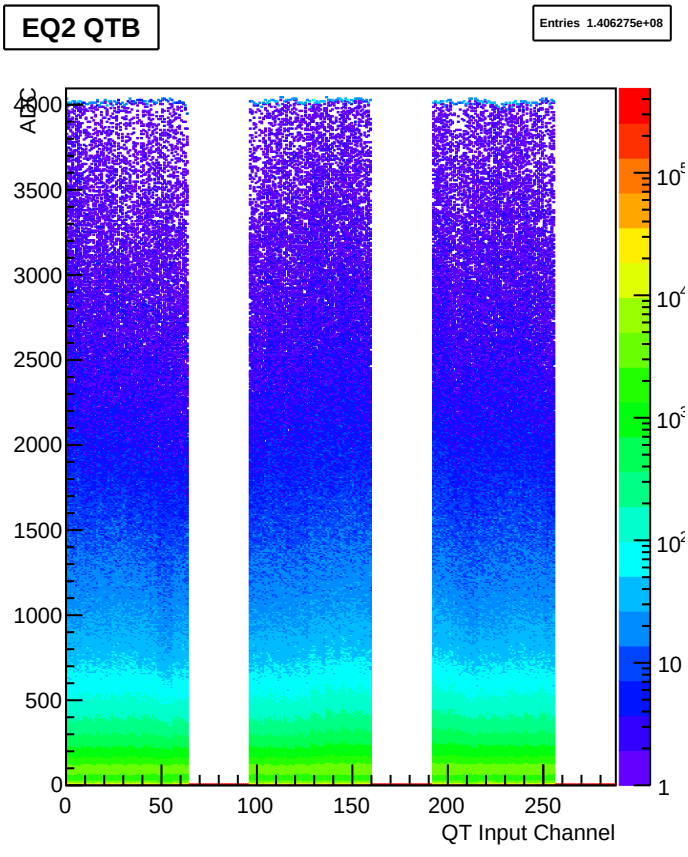

BBQ-VP002 West
Entries 7812640
ADC
QT Input Channel

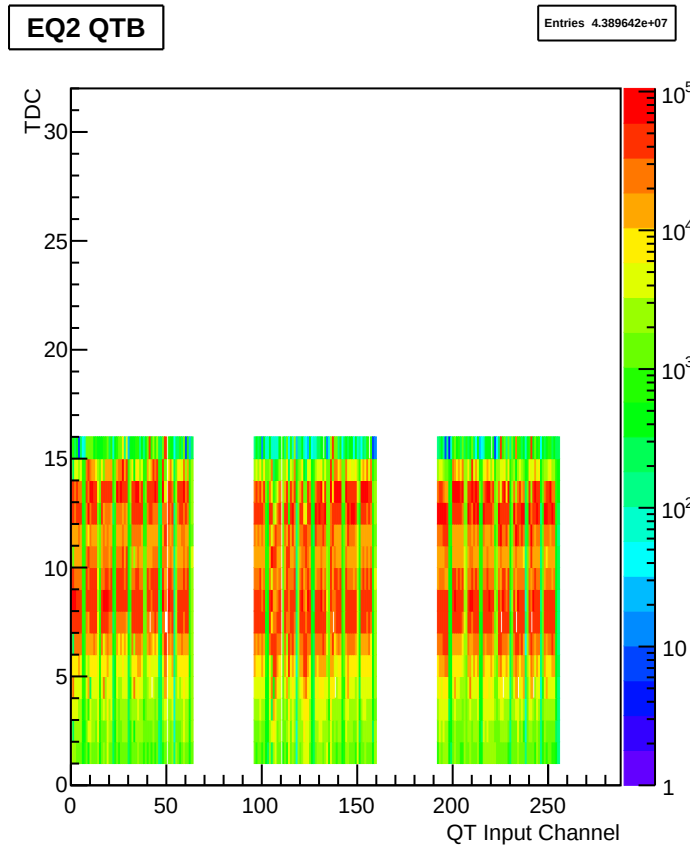

EQ1 QTB
Entries 1.406275e+08
ADC
QT Input Channel

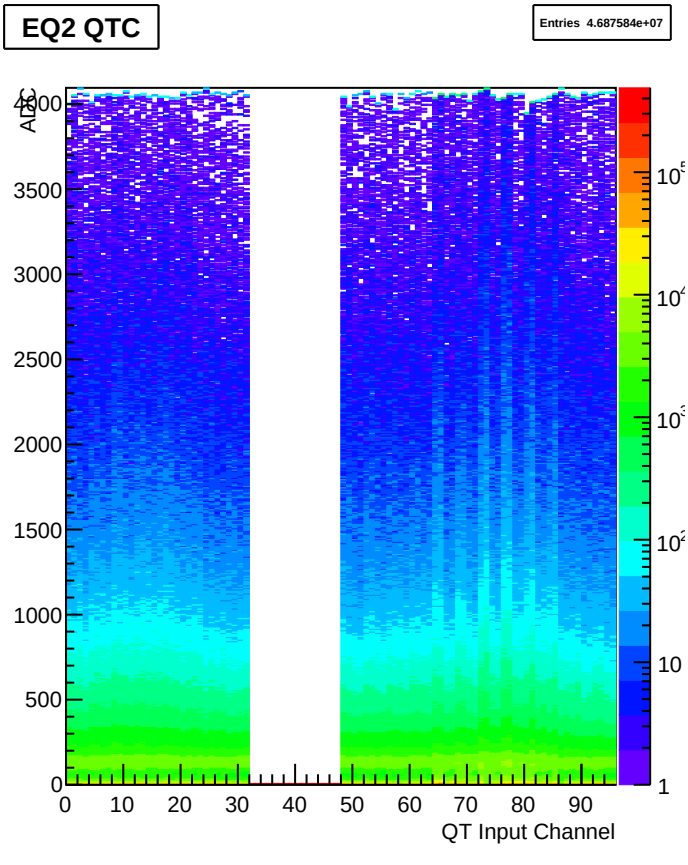

EQ1 QTB
Entries 4.775289e+07
TDC
QT Input Channel

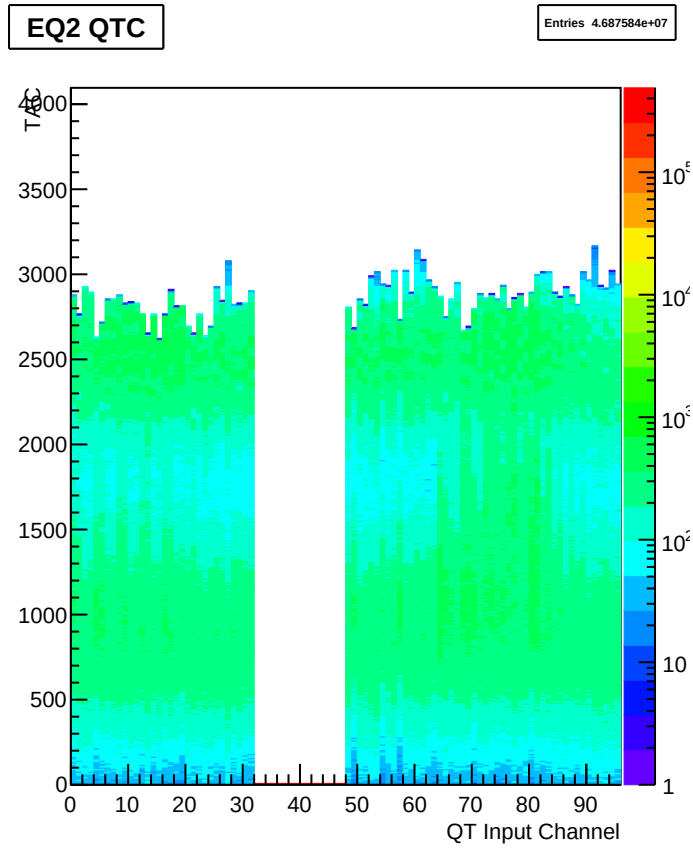

EQ1 QTC
Entries 4.687584e+07
ADC
QT Input Channel

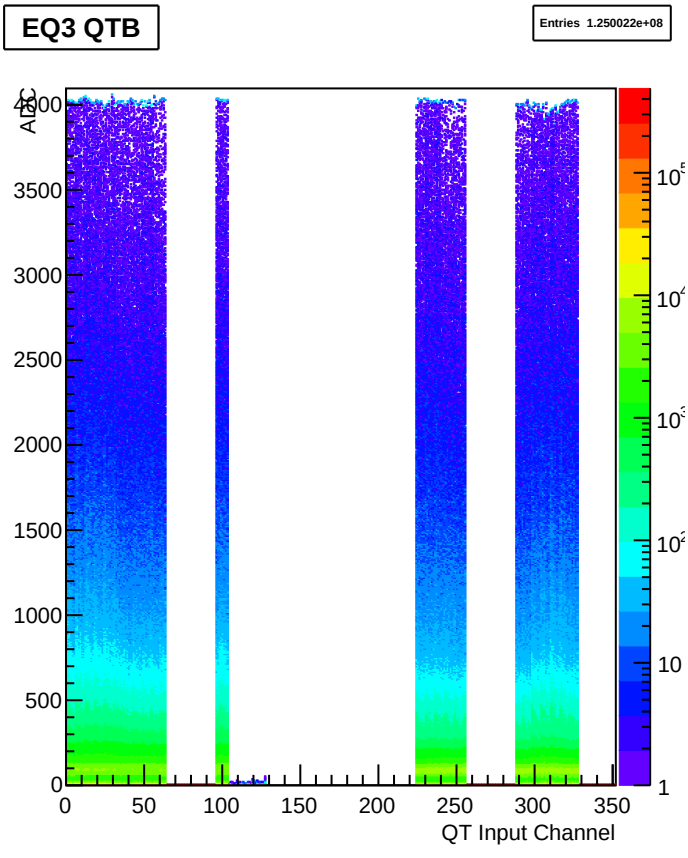

EQ1 QTC
Entries 4.687584e+07
TADC
QT Input Channel

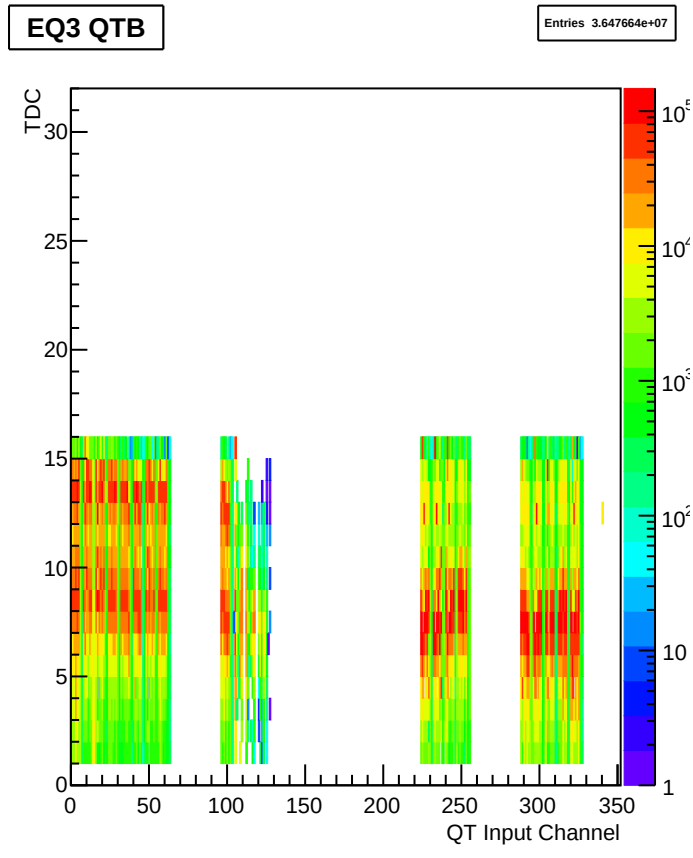

EQ2 QTB
Entries 1.406275e+08
ADC
QT Input Channel

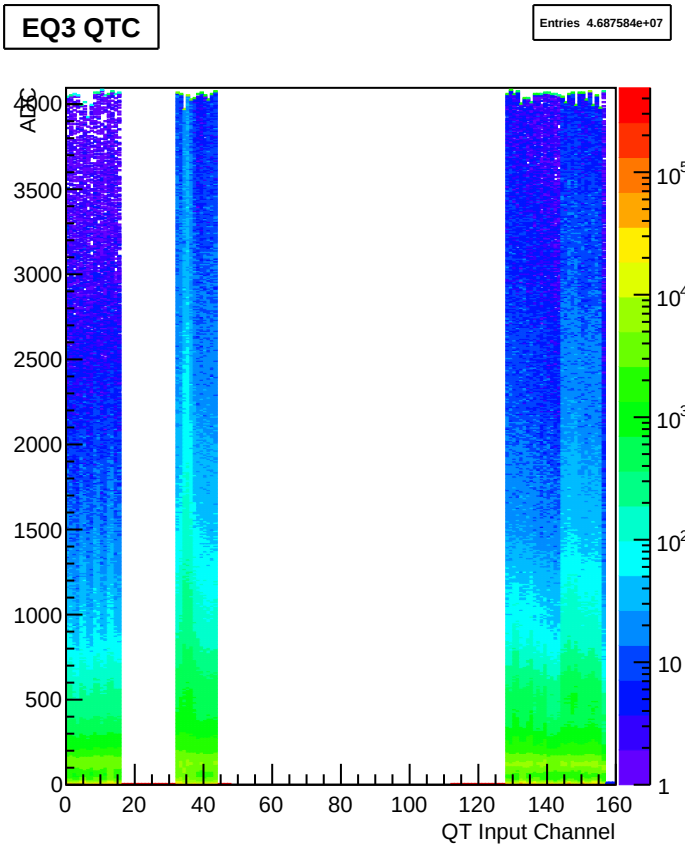

EQ2 QTB
Entries 4.389642e+07
TDC
QT Input Channel

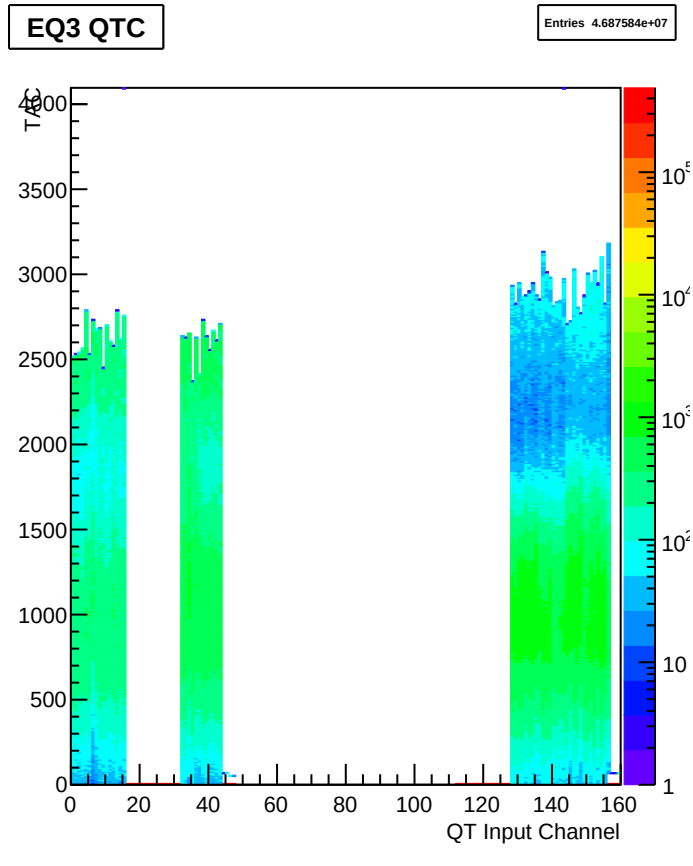

EQ2 QTC
Entries 4.687584e+07
ADC
QT Input Channel

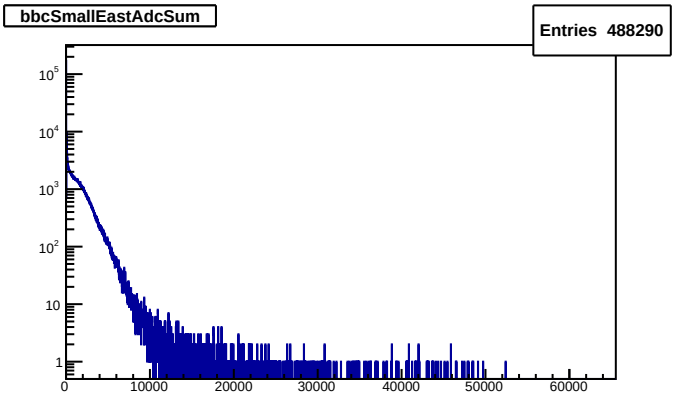

EQ2 QTC
Entries 4.687584e+07
TADC
QT Input Channel

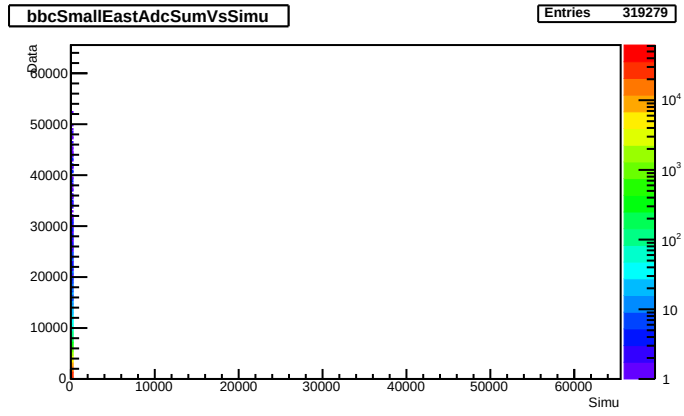

EQ3 QTB
Entries 1.250022e+08
ADC
QT Input Channel

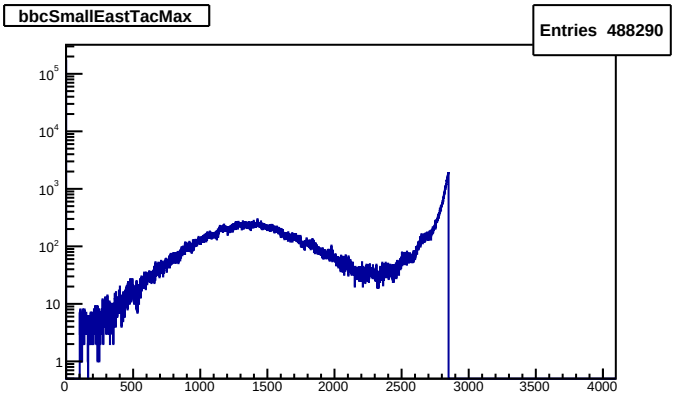

EQ3 QTB
Entries 3.647664e+07
TDC
QT Input Channel

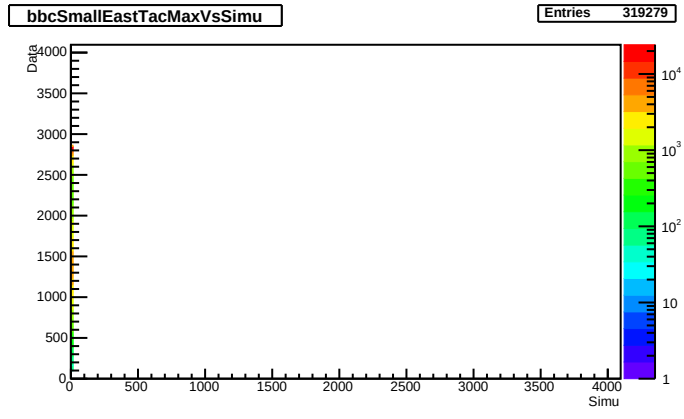

EQ3 QTC
Entries 4.687584e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.687584e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 488290


bbcSmallEastAdcSumVsSimu
Entries 319279
Data
Simu


bbcSmallEastTacMax
Entries 488290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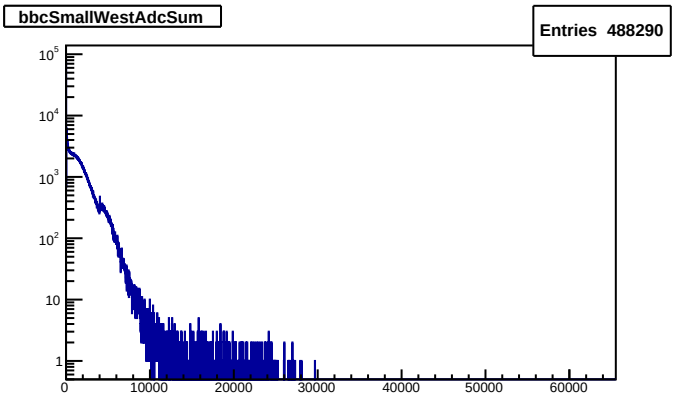
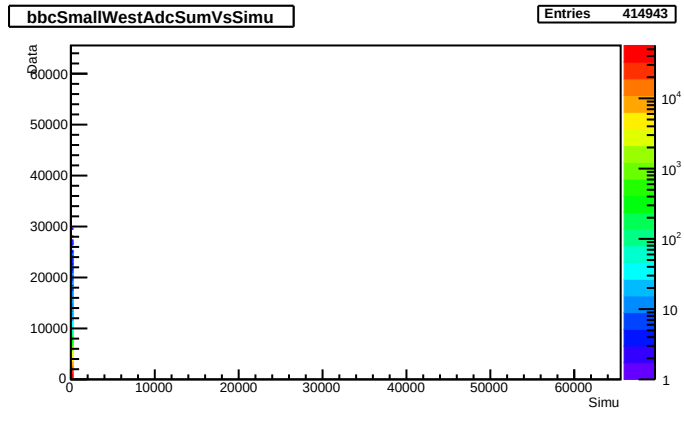
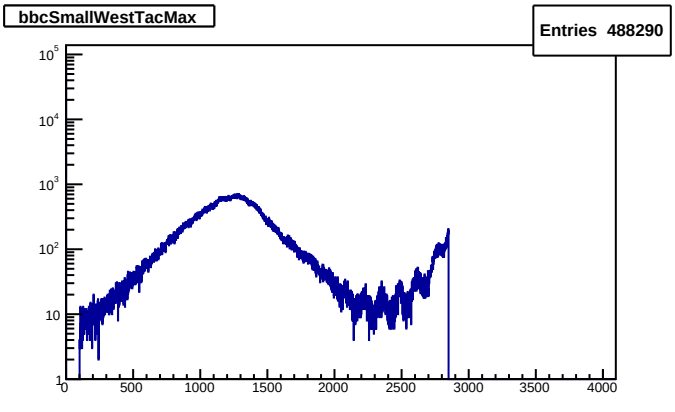
Entries 319279
Data
Simu


bbcSmallWestAdcSum
Entries 488290


bbcSmallWestAdcSumVsSimu
Entries 414943
Data
Simu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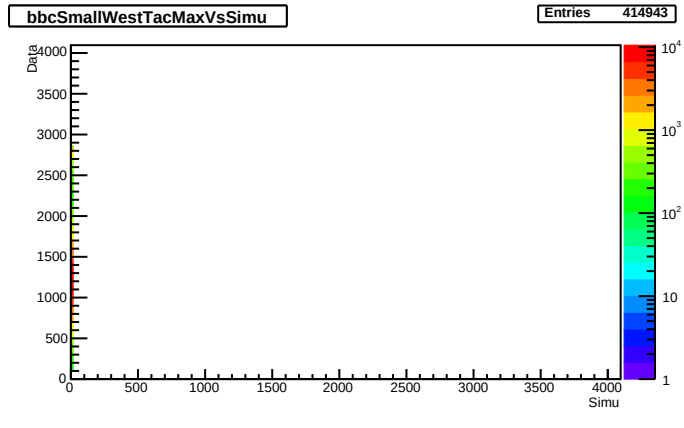
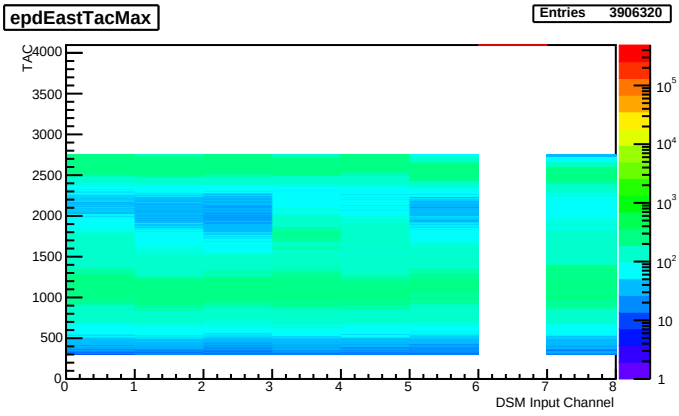
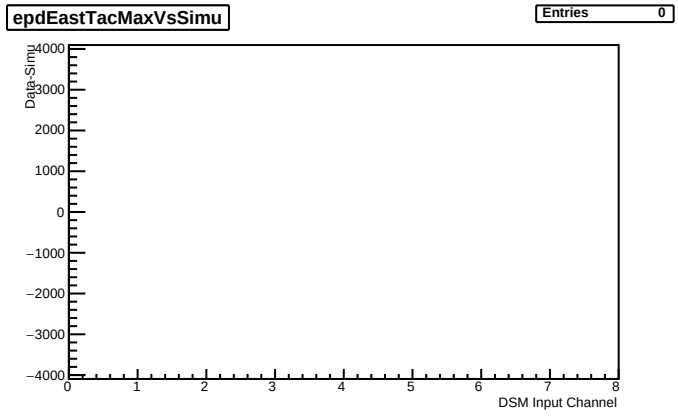
Entries 488290


bbcSmallWestTacMaxVsSimu
Entries 414943
Data
Simu


epdEastTacMax
Entries 3906320
TAC
DSM Input Channel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Entries 0
Data-Simu
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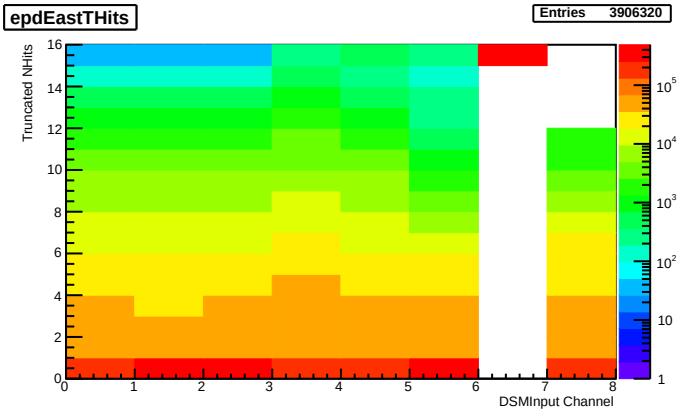
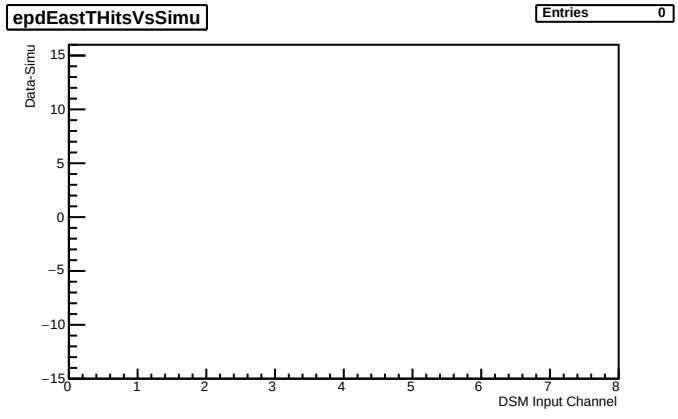

epdEastTHits
Entries 3906320
Truncated NHits
DSMInput Channel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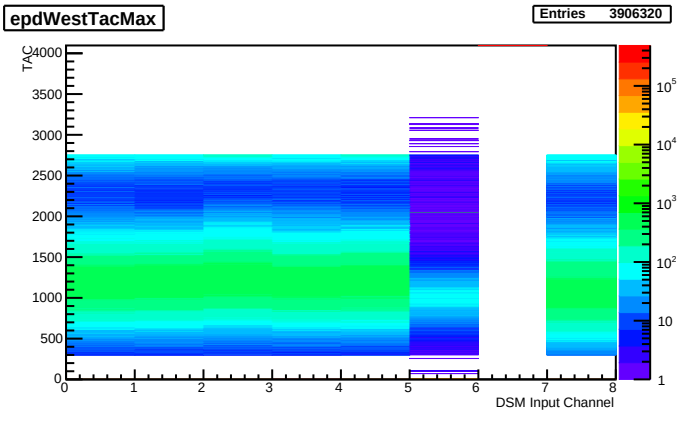
Entries 0
Data-Simu
DSM Input Channel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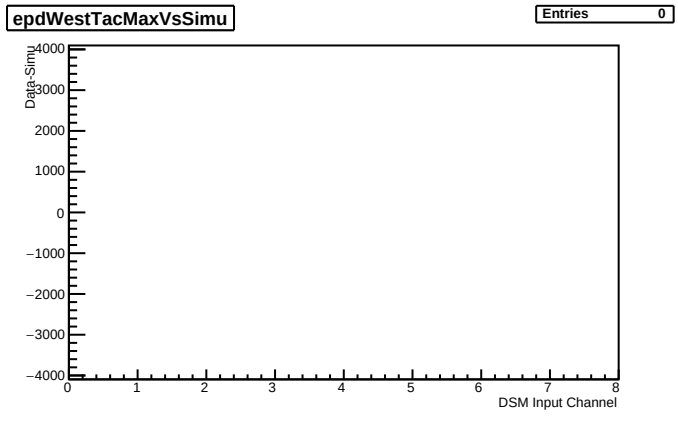
Entries 3906320
TAC
DSM Input Channel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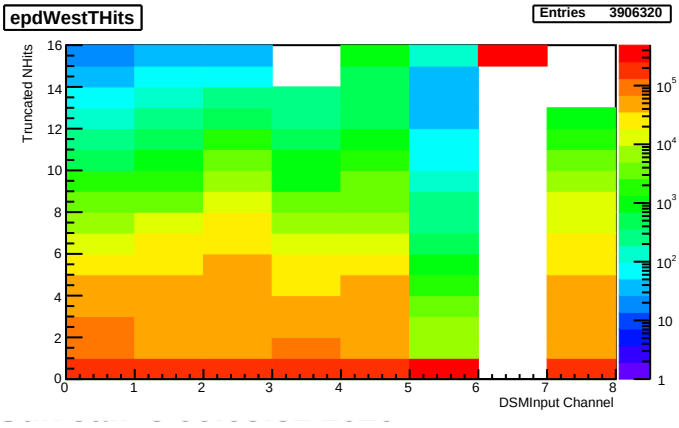
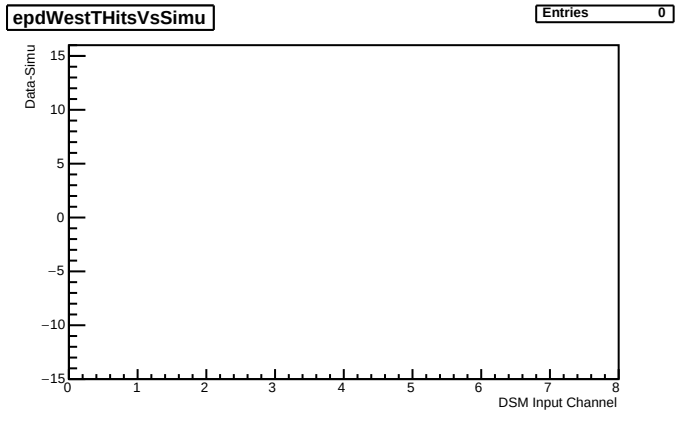
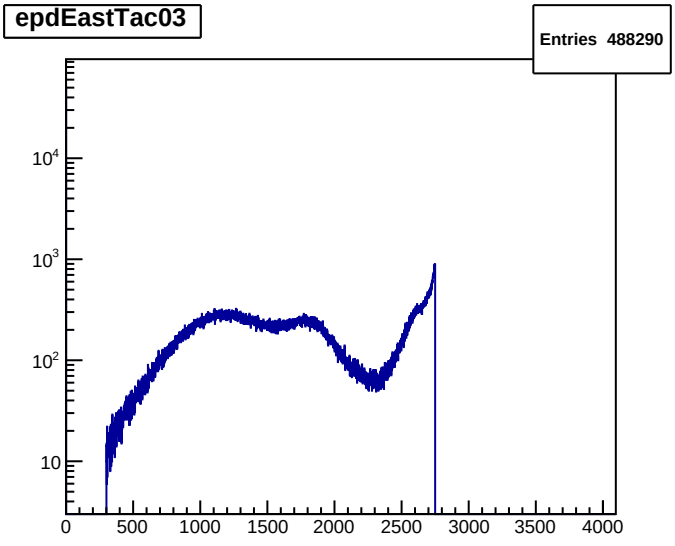
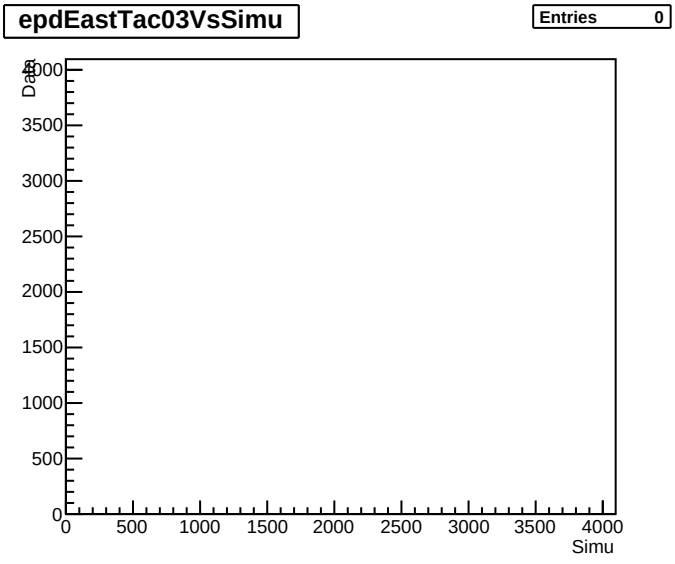
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3906320
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 488290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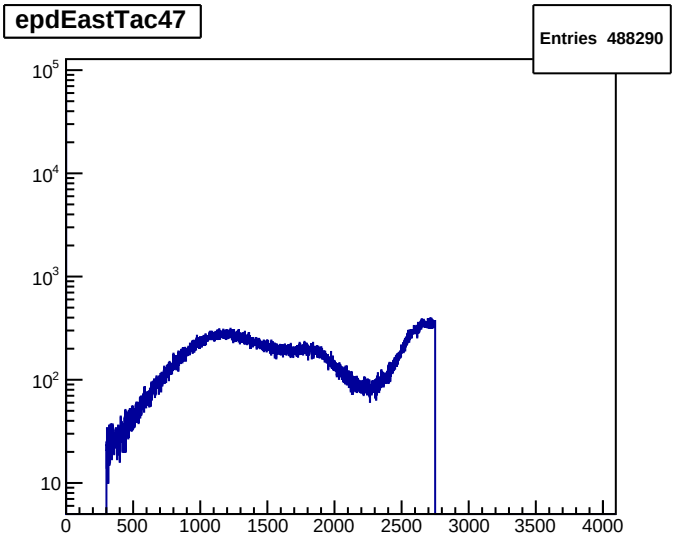
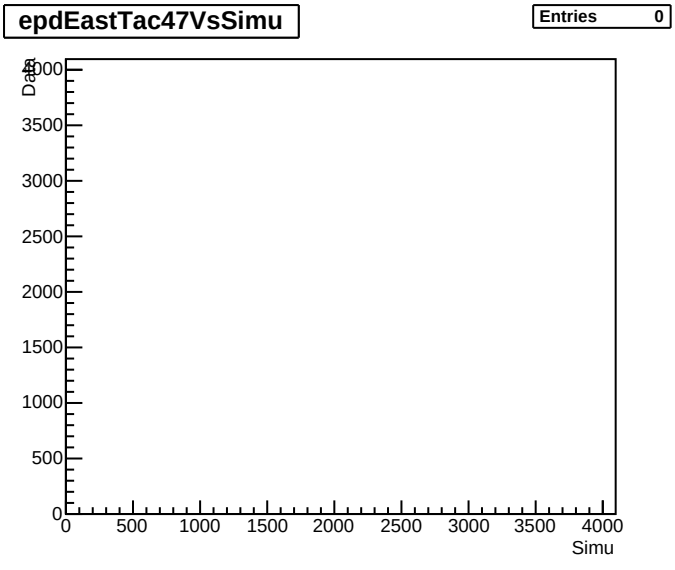
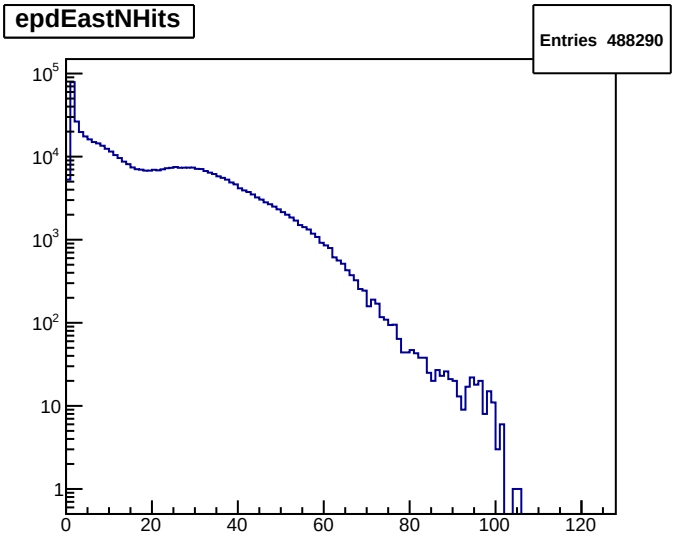
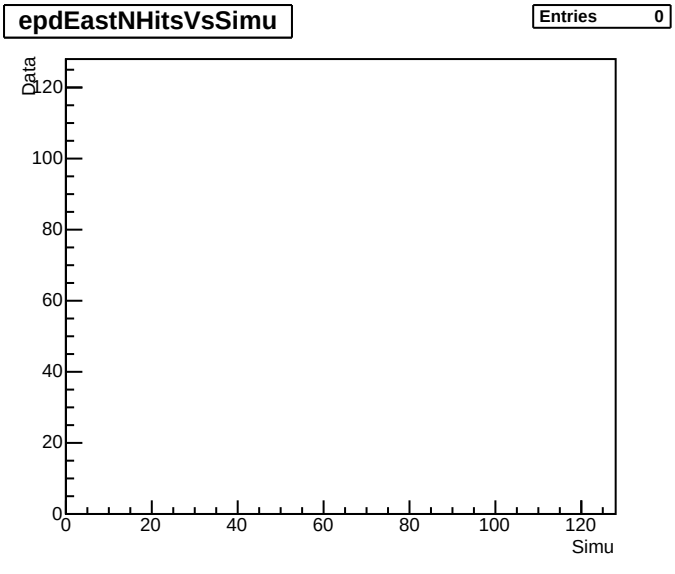
Entries 0
Data
Simu


epdEastTac47
Entries 488290


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 488290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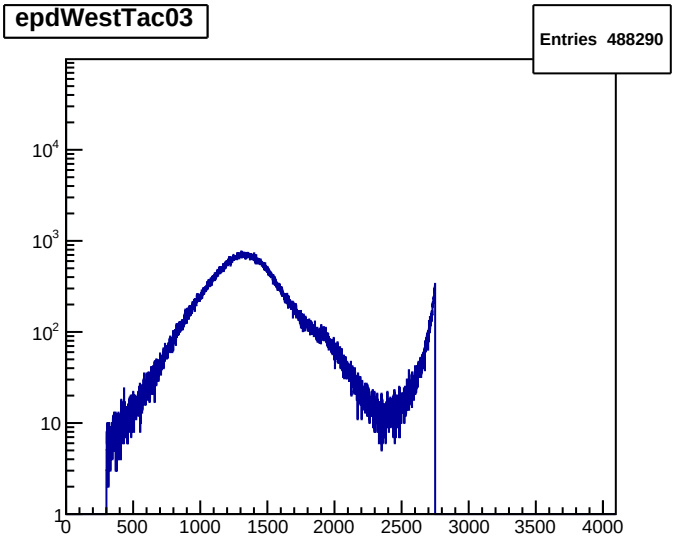
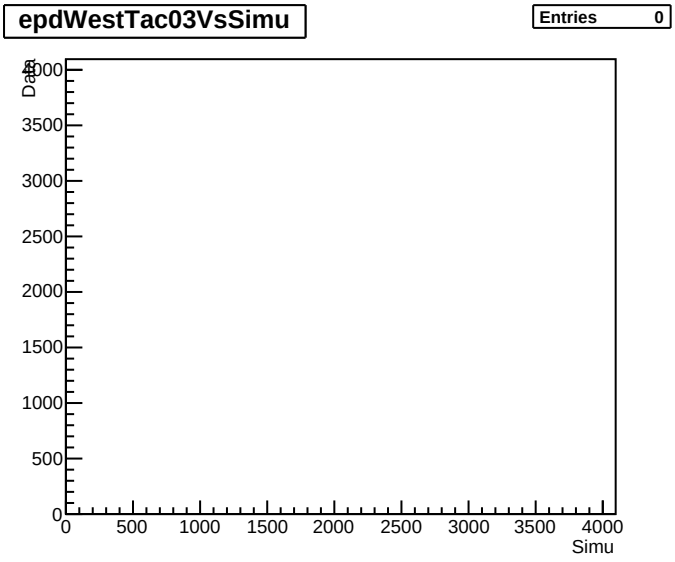
Entries 0
Data
Simu


epdWestTac03
Entries 488290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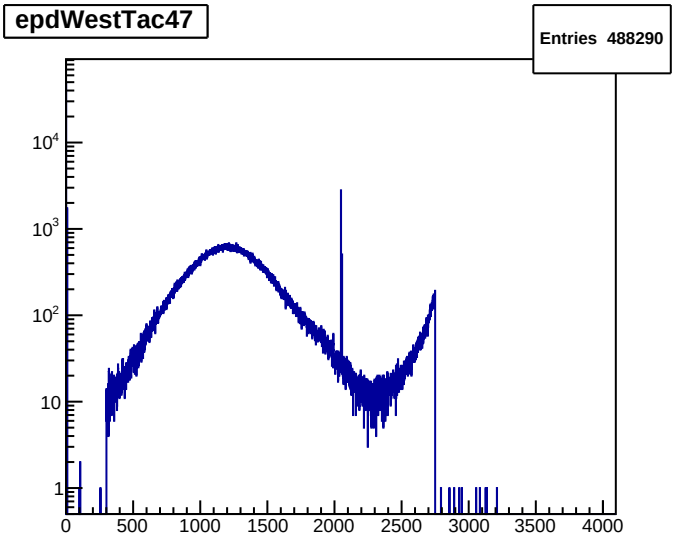
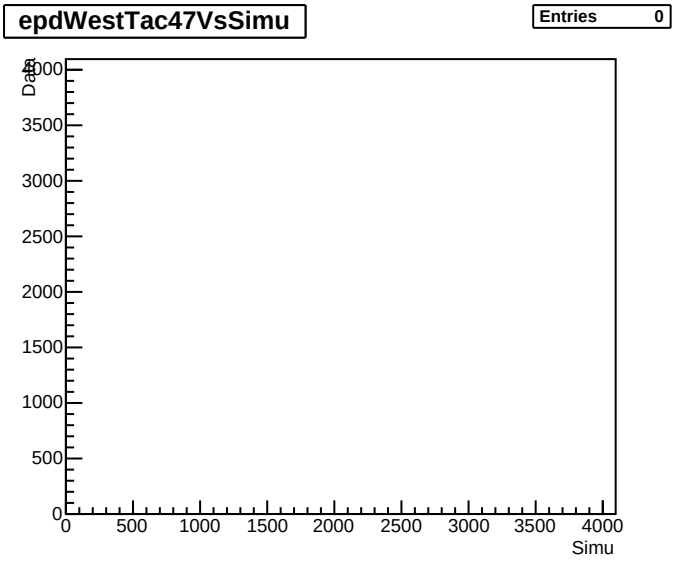
Entries 0
Data
Simu


epdWestTac47
Entries 488290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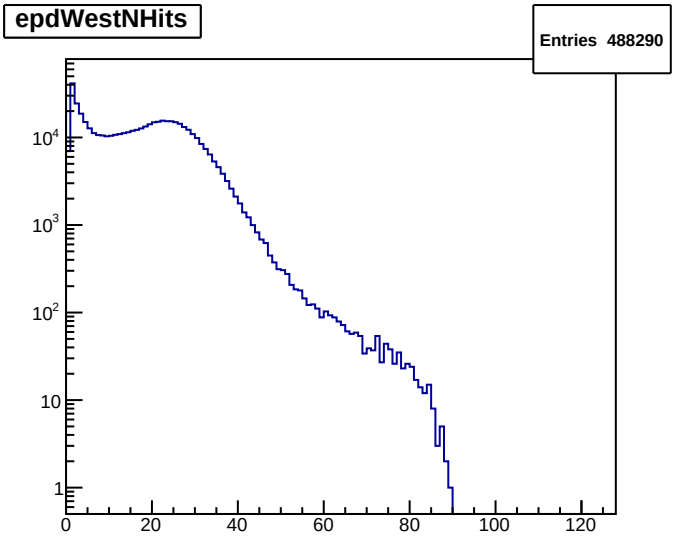
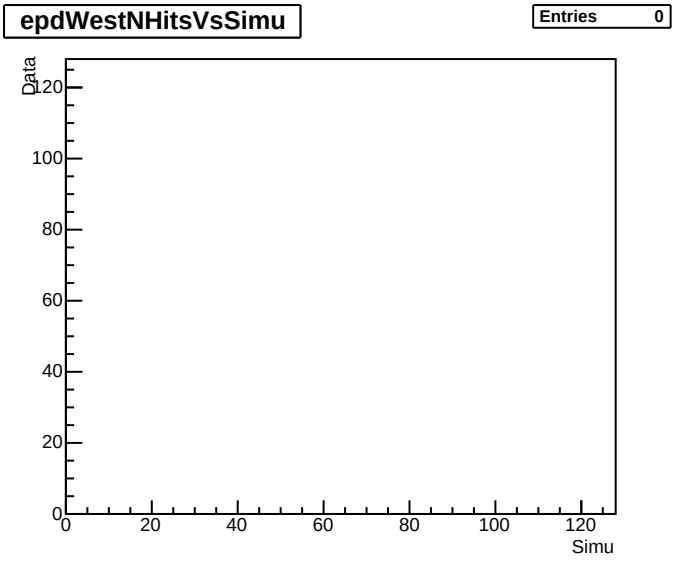
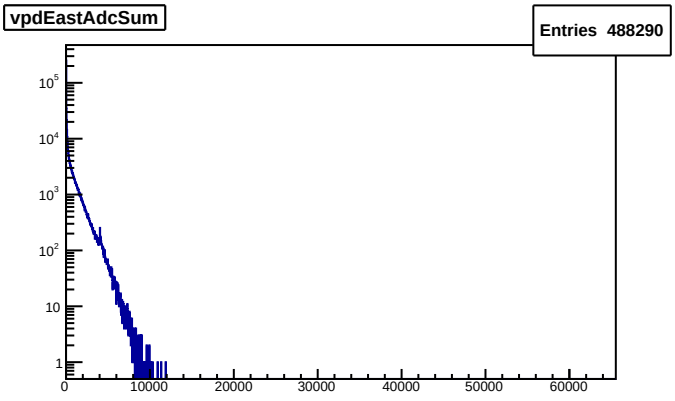
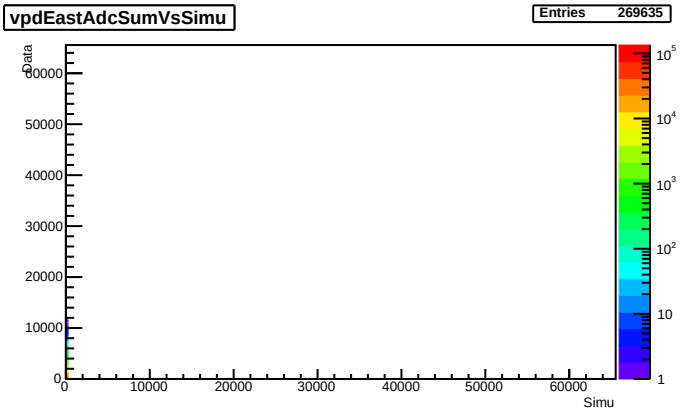
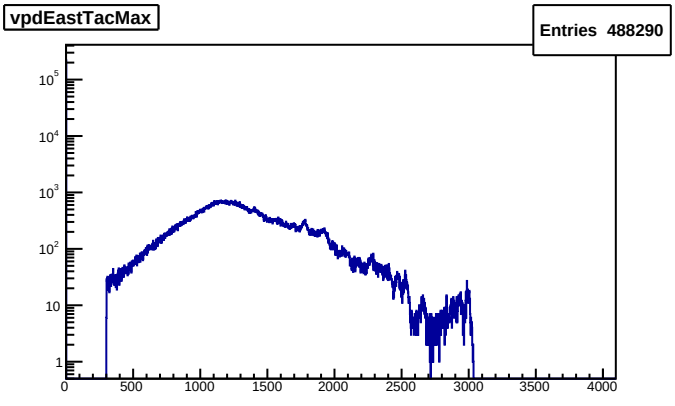
Entries 0
Data
Simu

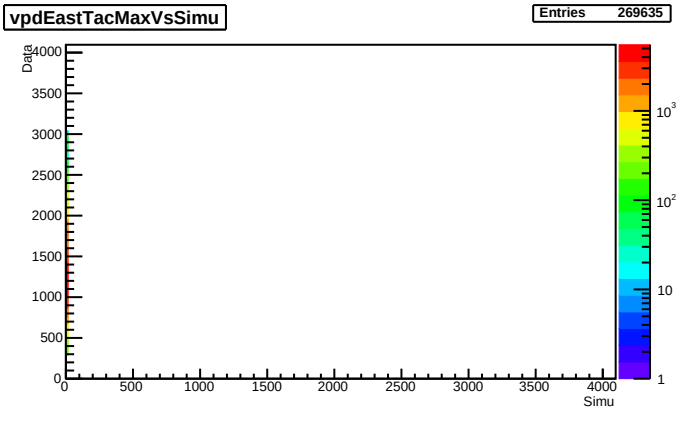

epdWestNHits
Entries 488290

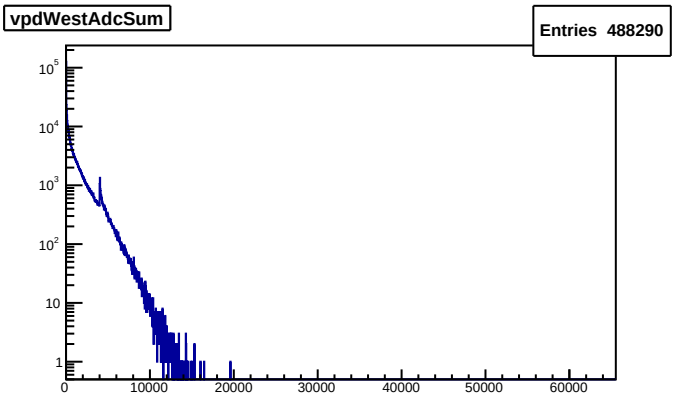

epdWestNHitsVsSimu
Entries 0
Data
Simu

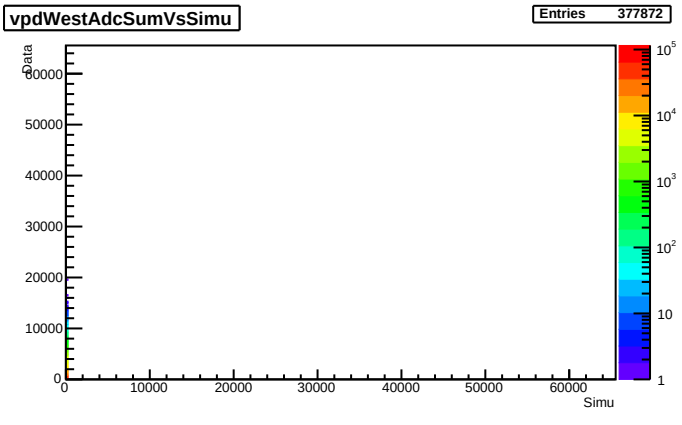

vpdEastAdcSum
Entries 488290

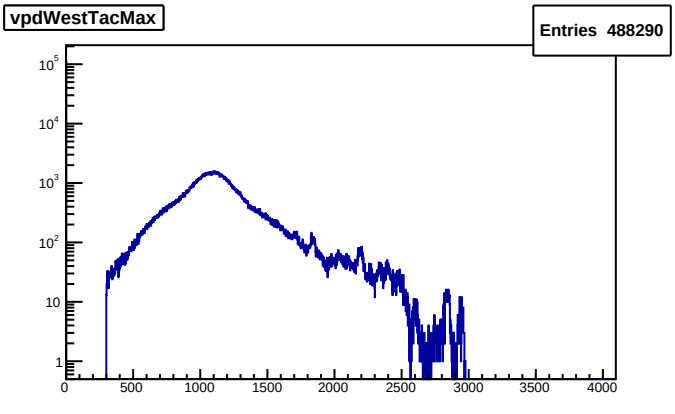

vpdEastAdcSumVsSimu
Entries 269635
Data
Simu

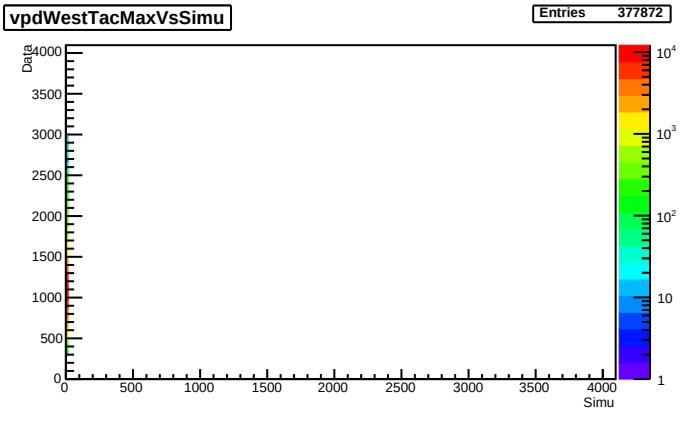

vpdEastTacMax
Entries 488290

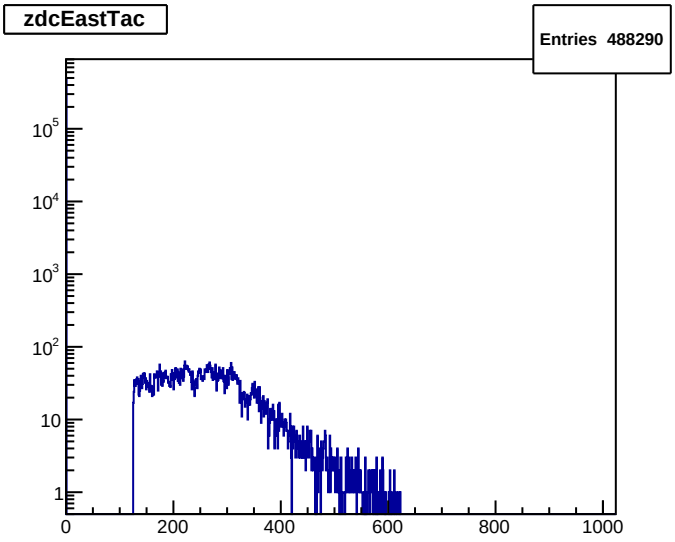

vpdEastTacMaxVsSimu
Entries 269635
Data
Simu

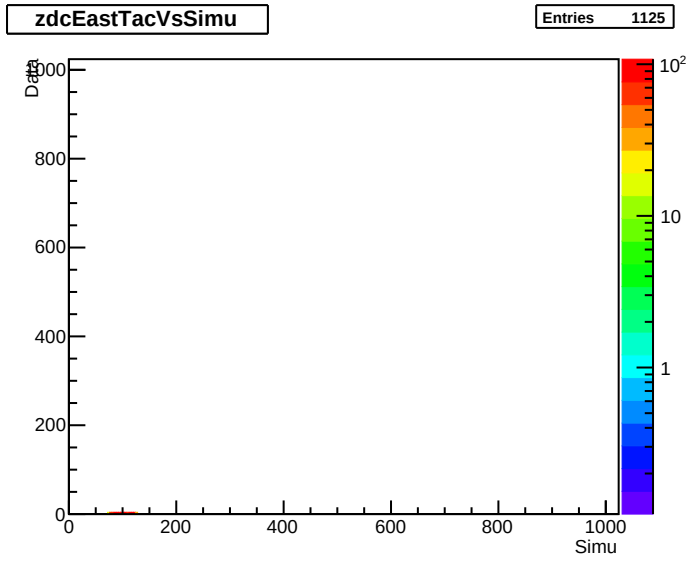

vpdWestAdcSum
Entries 488290

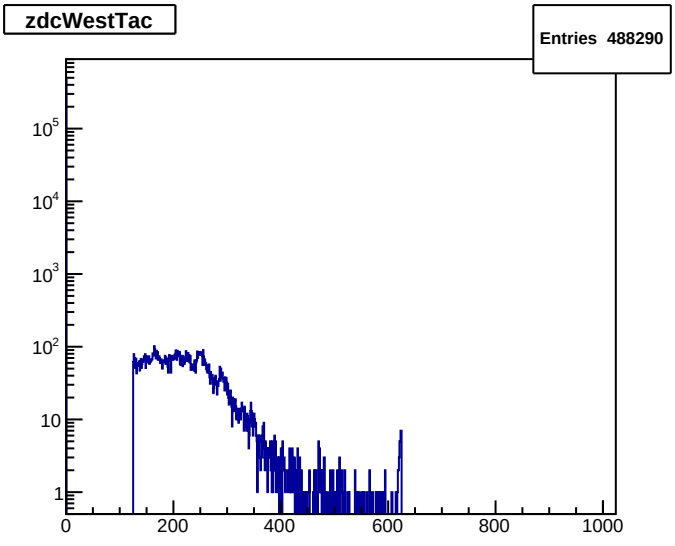

vpdWestAdcSumVsSimu
Entries 377872
Data
Simu

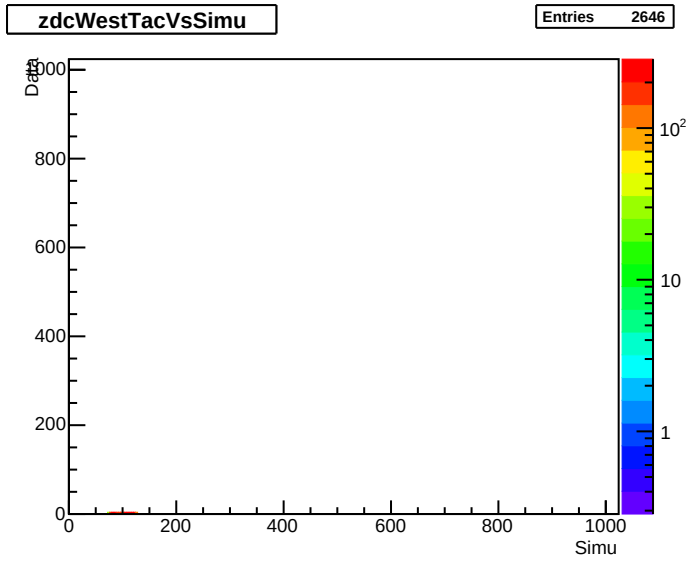

vpdWestTacMax
Entries 488290

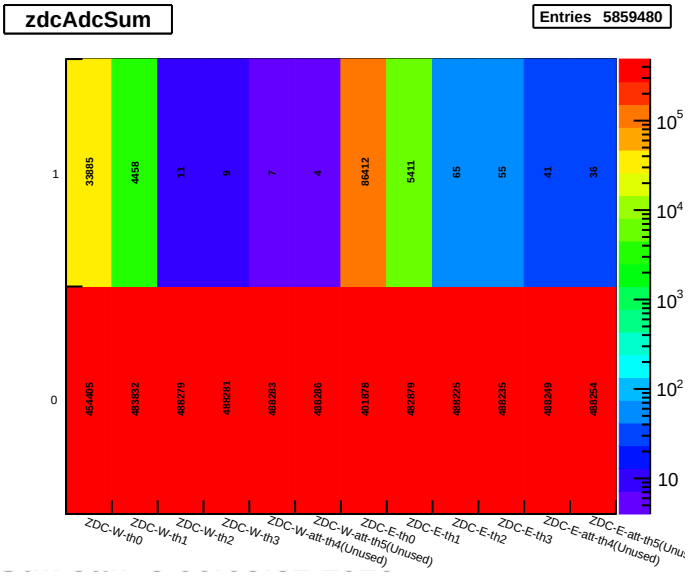

vpdWestTacMaxVsSimu
Entries 377872
Data
Simu

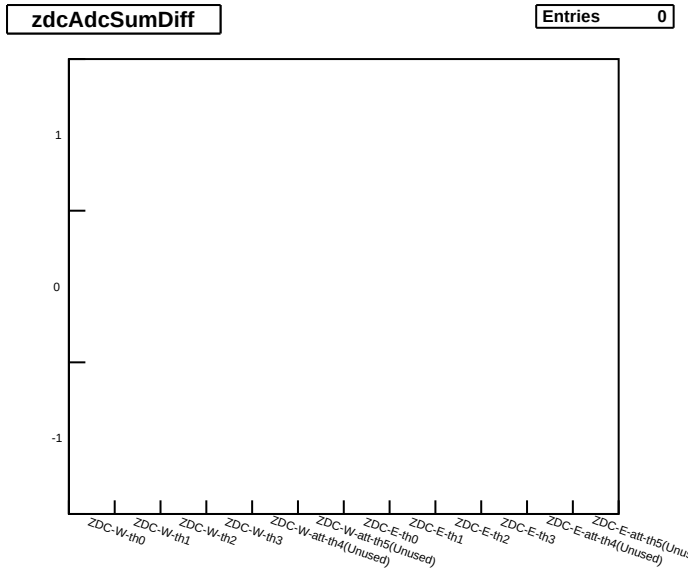

zdcEastTac
Entries 488290

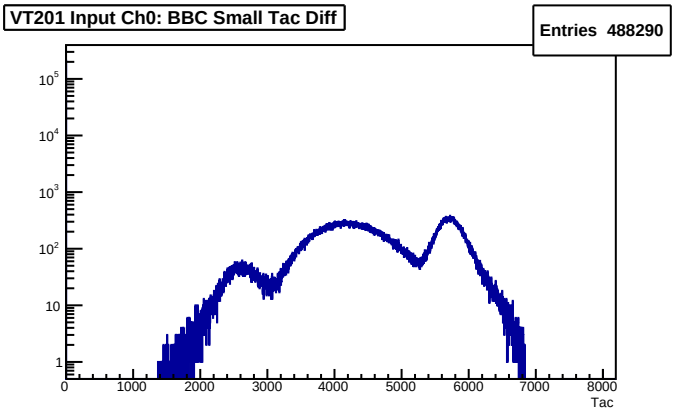

zdcEastTacVsSimu
Entries 1125
Data
Simu

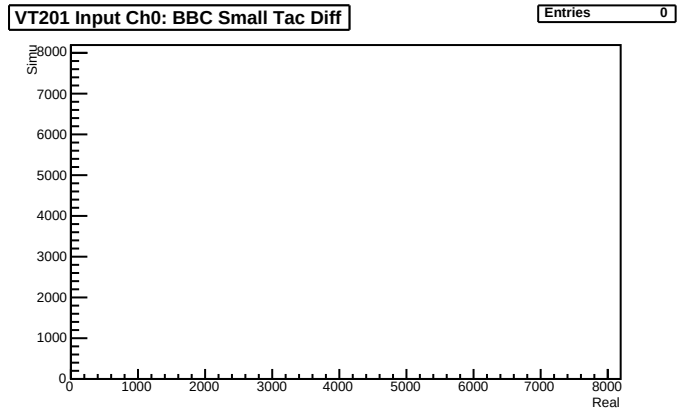

zdcWestTac
Entries 488290

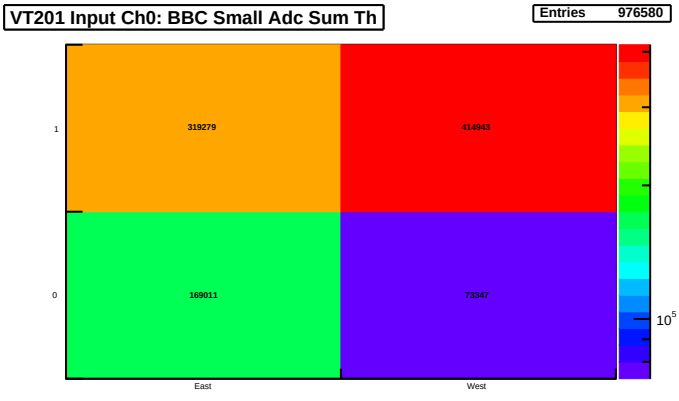

zdcWestTacVsSimu
Entries 2646
Data
Simu

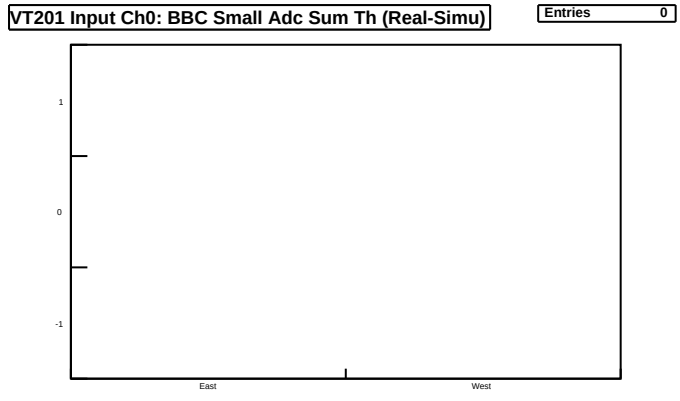

zdcAdcSum
Entries 5859480
33885
4458
11
9
7
4
86412
5411
65
55
41
36
454405
483832
488279
488281
488283
488286
401878
482879
488225
488235
488249
488254
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

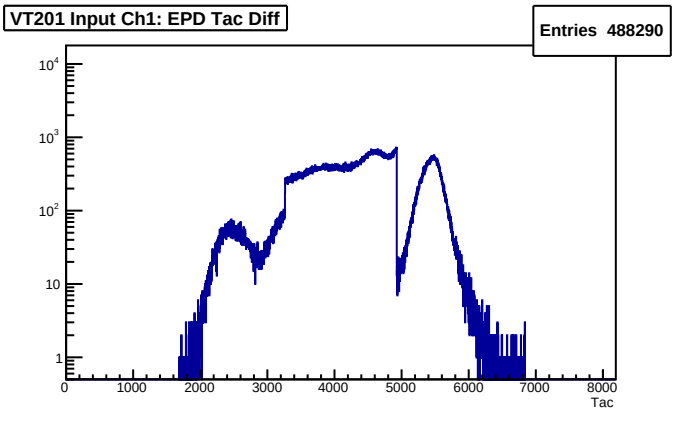

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

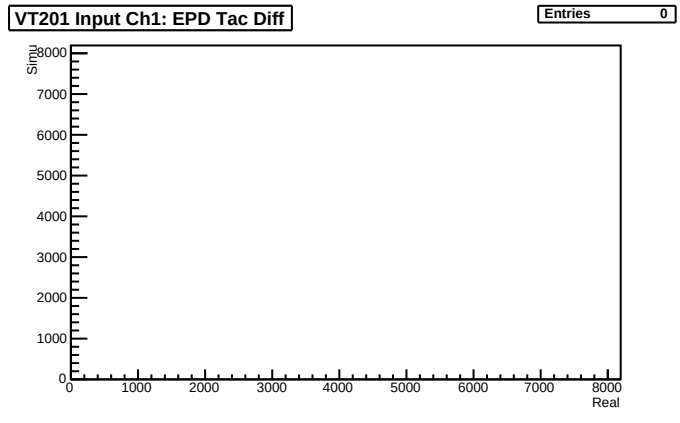

VT201 Input Ch0: BBC Small Tac Diff
Entries 488290
Tac

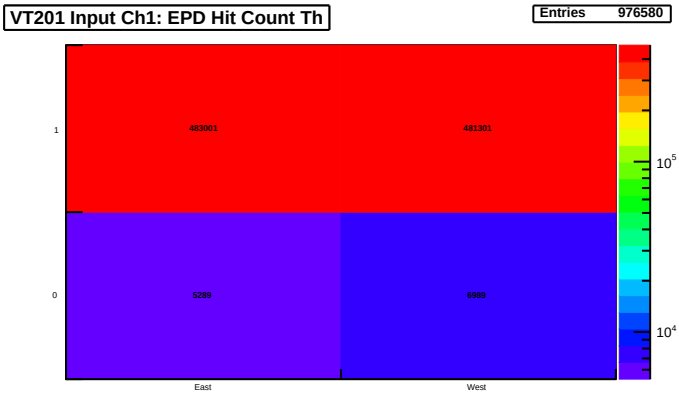

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

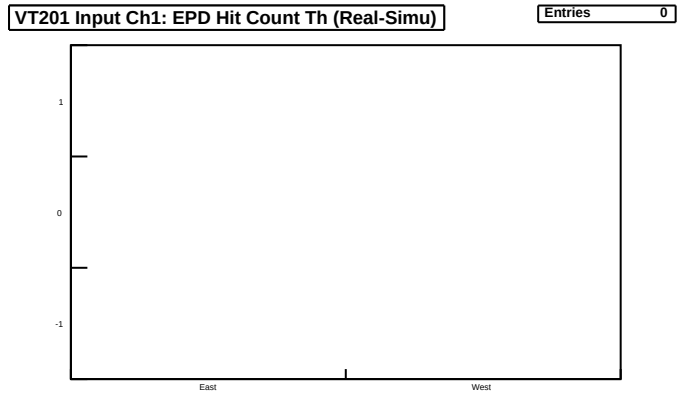

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 976580
319279
414943
169011
73347
East
West

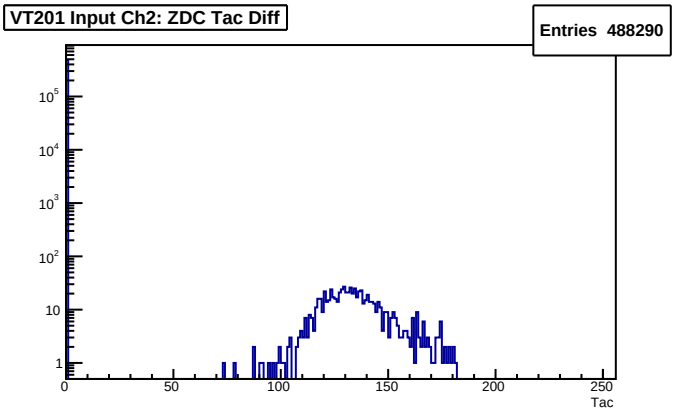

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

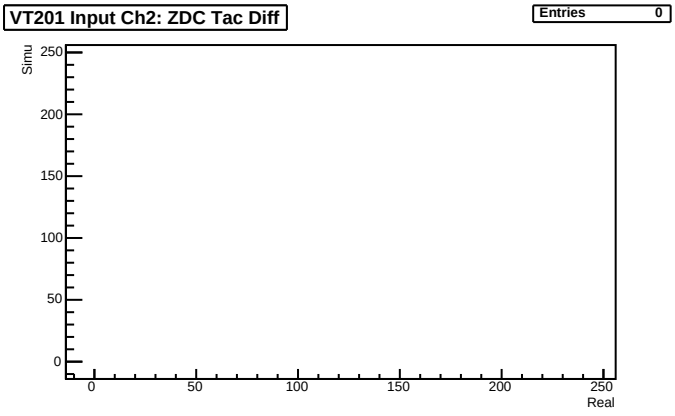

VT201 Input Ch1: EPD Tac Diff
Entries 488290
Tac

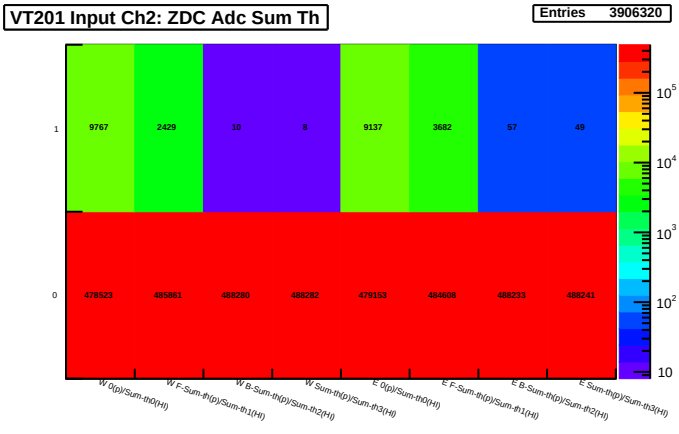

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

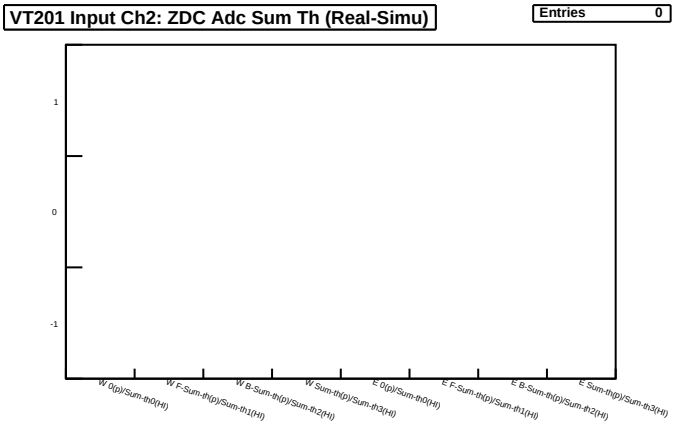

VT201 Input Ch1: EPD Hit Count Th
Entries 976580
483001
481301
5289
6989
East
West

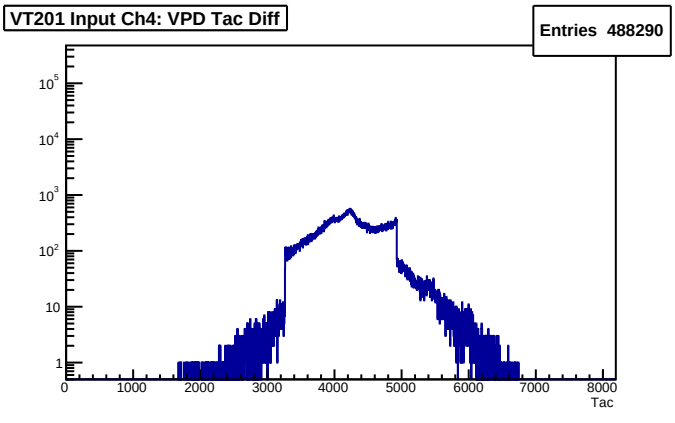

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

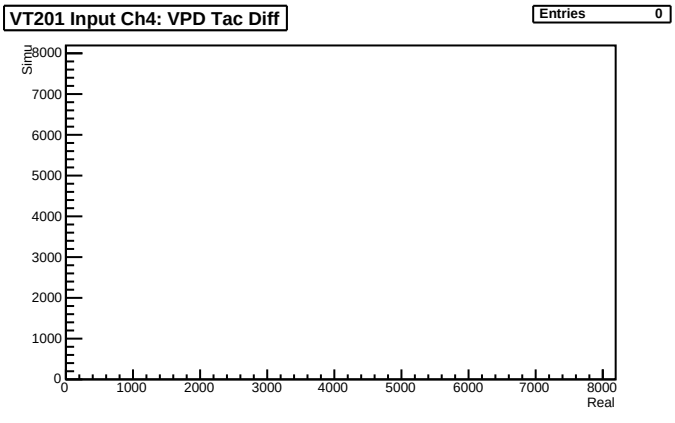

VT201 Input Ch2: ZDC Tac Diff
Entries 488290
Tac

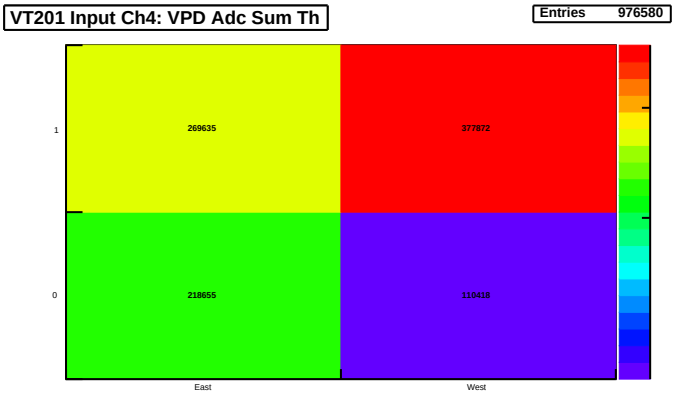

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

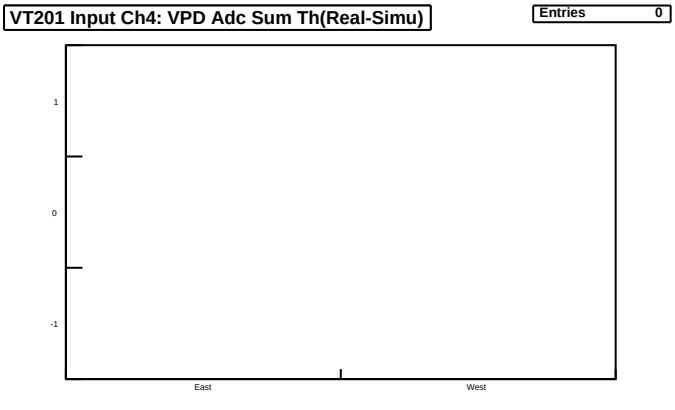

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3906320
9767
2429
10
8
9137
3682
57
49
478523
485861
488280
488282
479153
484608
488233
488241
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

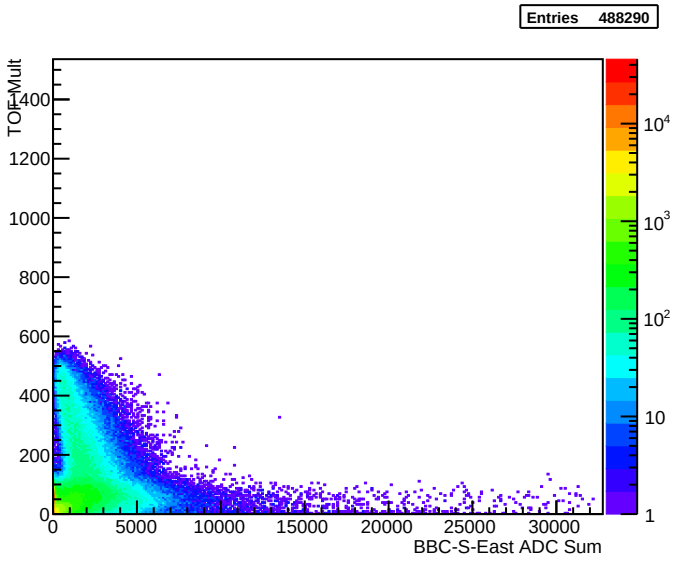

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

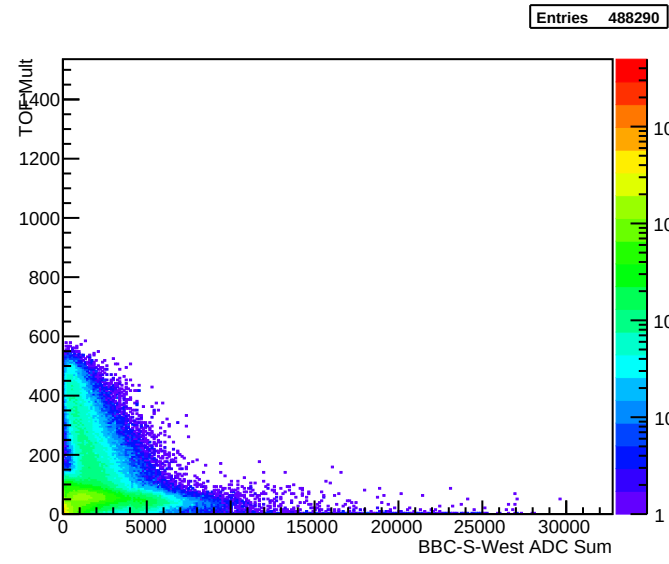

VT201 Input Ch4: VPD Tac Diff
Entries 488290
Tac

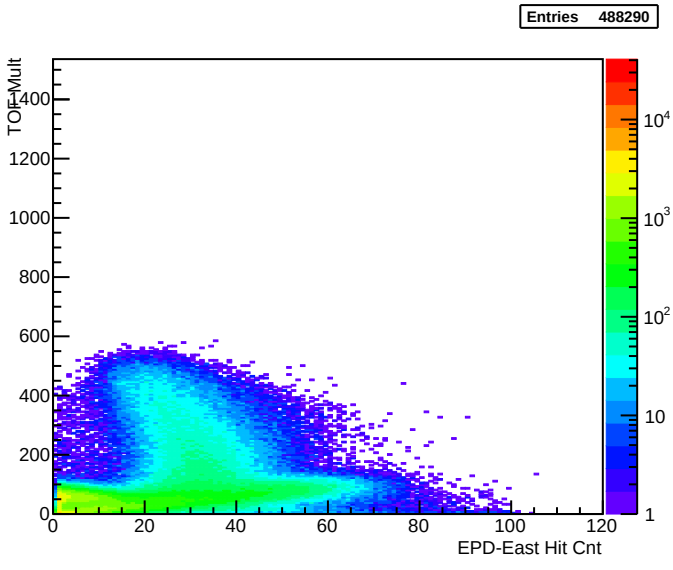

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

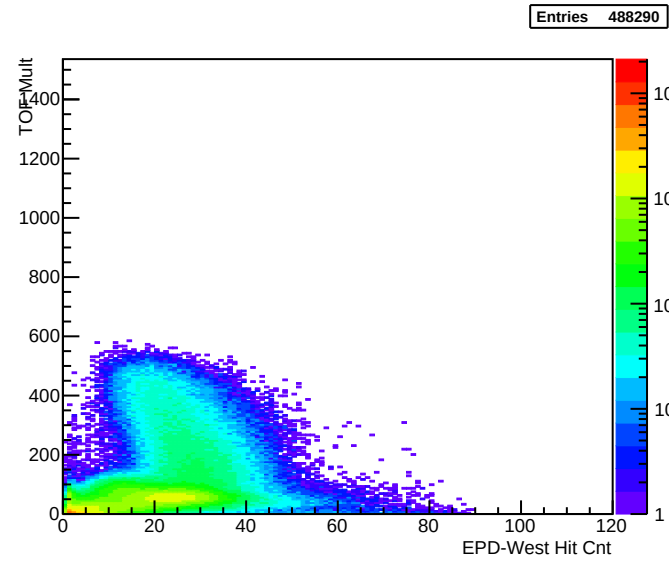

VT201 Input Ch4: VPD Adc Sum Th
Entries 976580
269635
377872
218655
110418
East
West

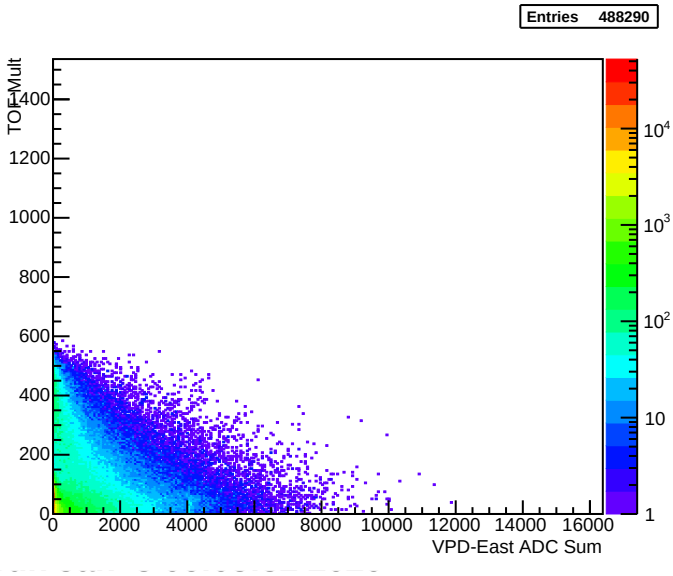

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

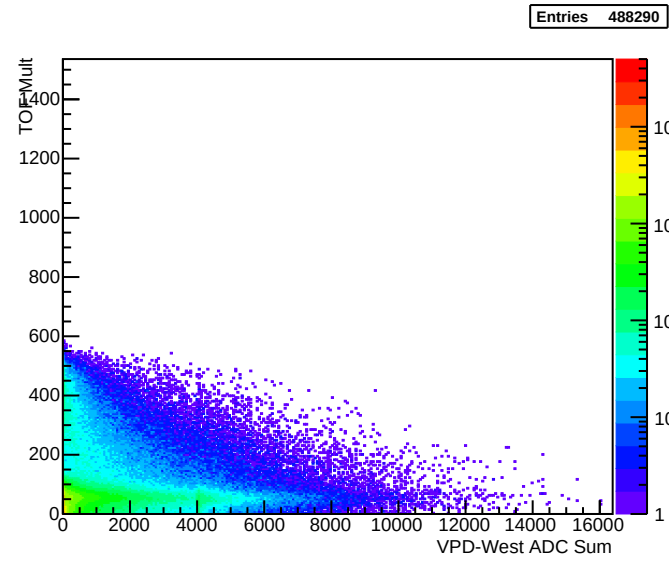

Entries 488290
TOF-Mult
BBC-S-East ADC Sum

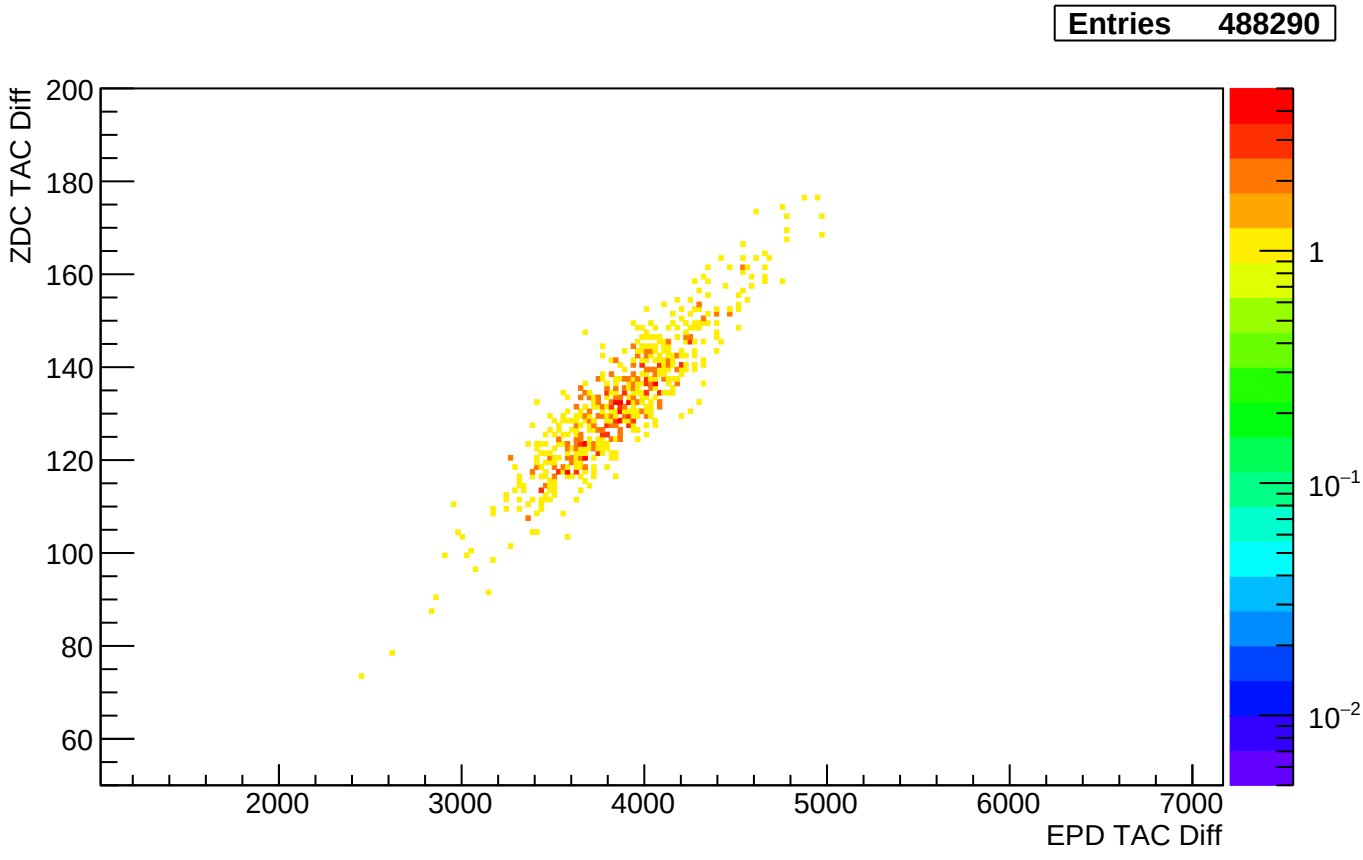

Entries 488290
TOF-Mult
BBC-S-West ADC Sum

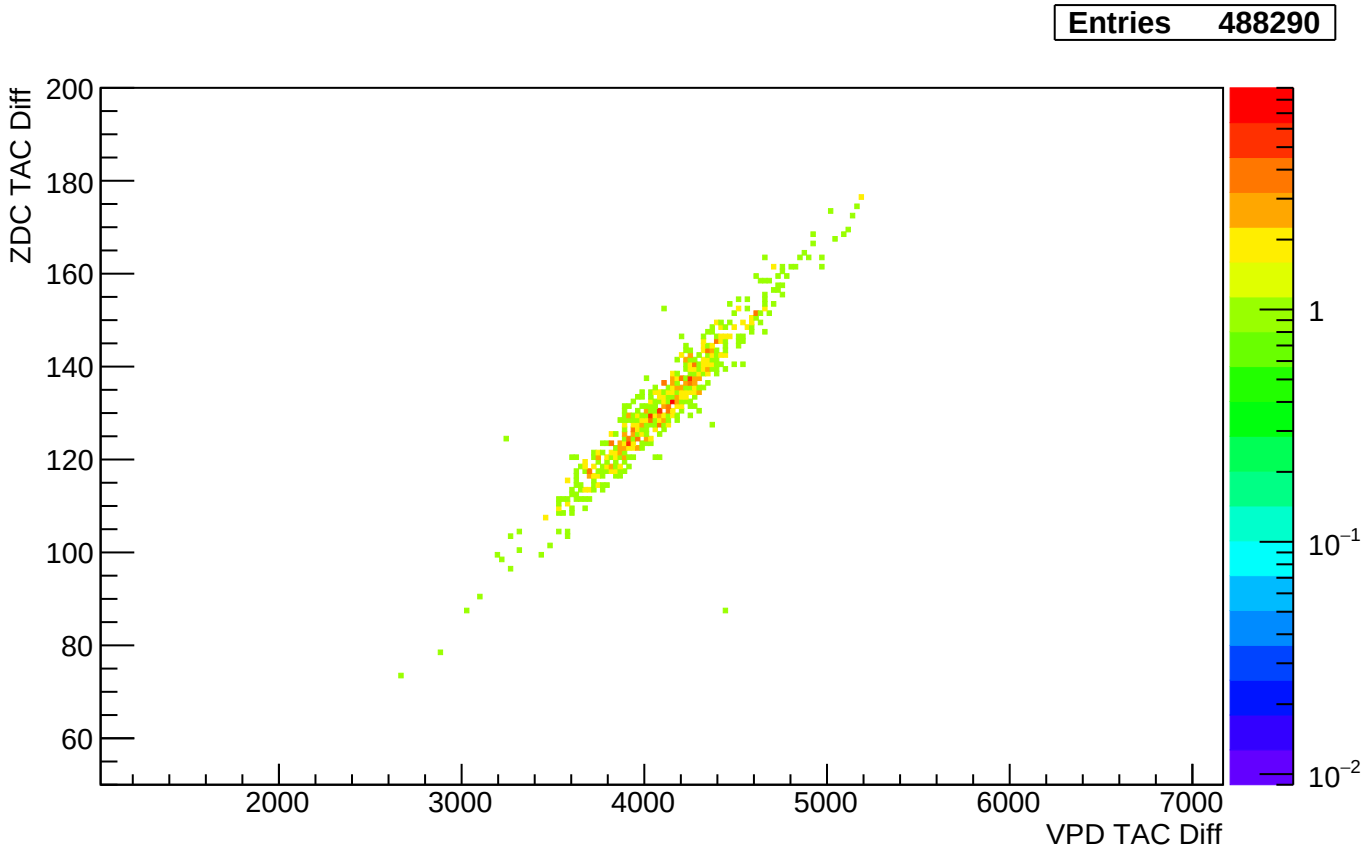

Entries 488290
TOF-Mult
EPD-East Hit Cnt

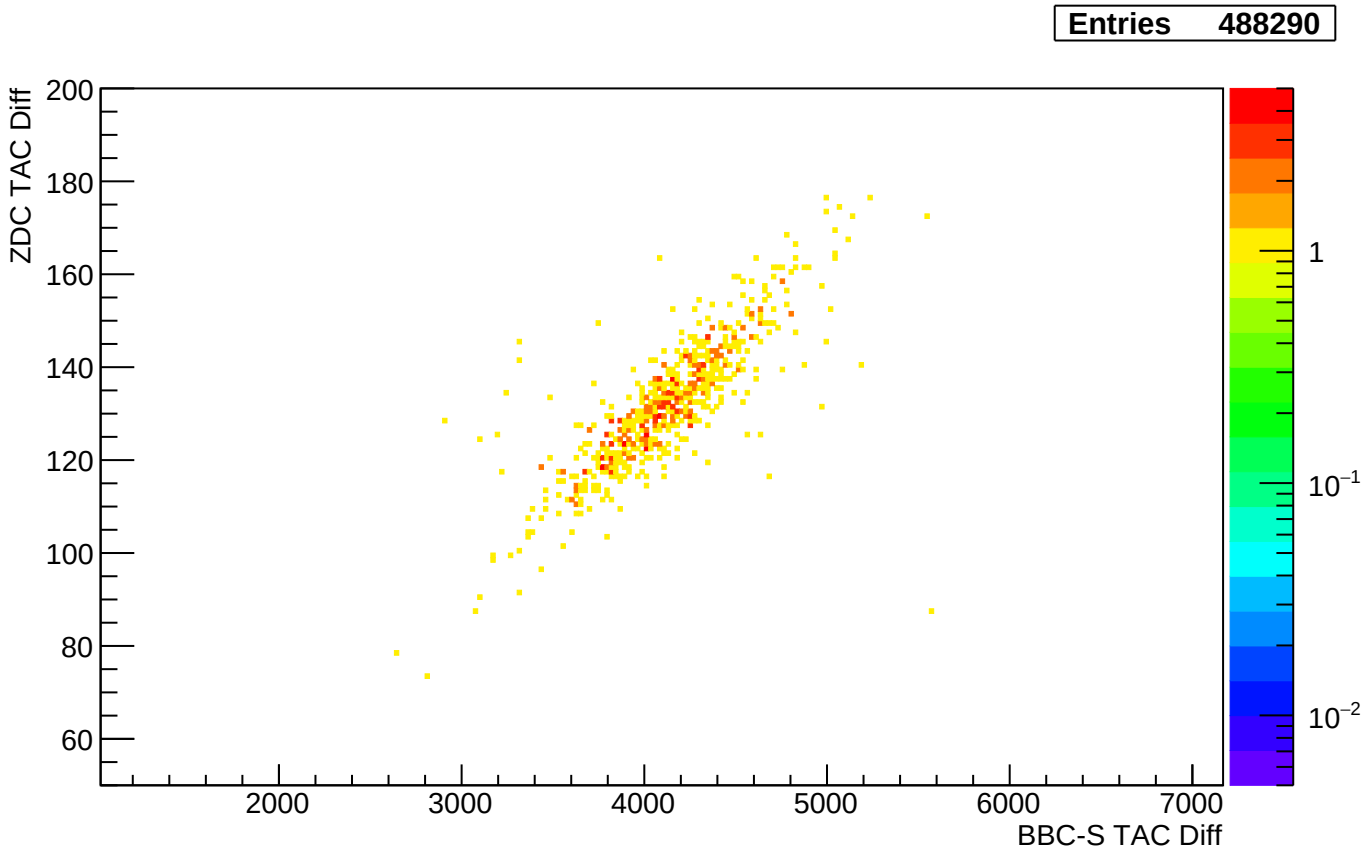

Entries 488290
TOF-Mult
EPD-West Hit Cnt

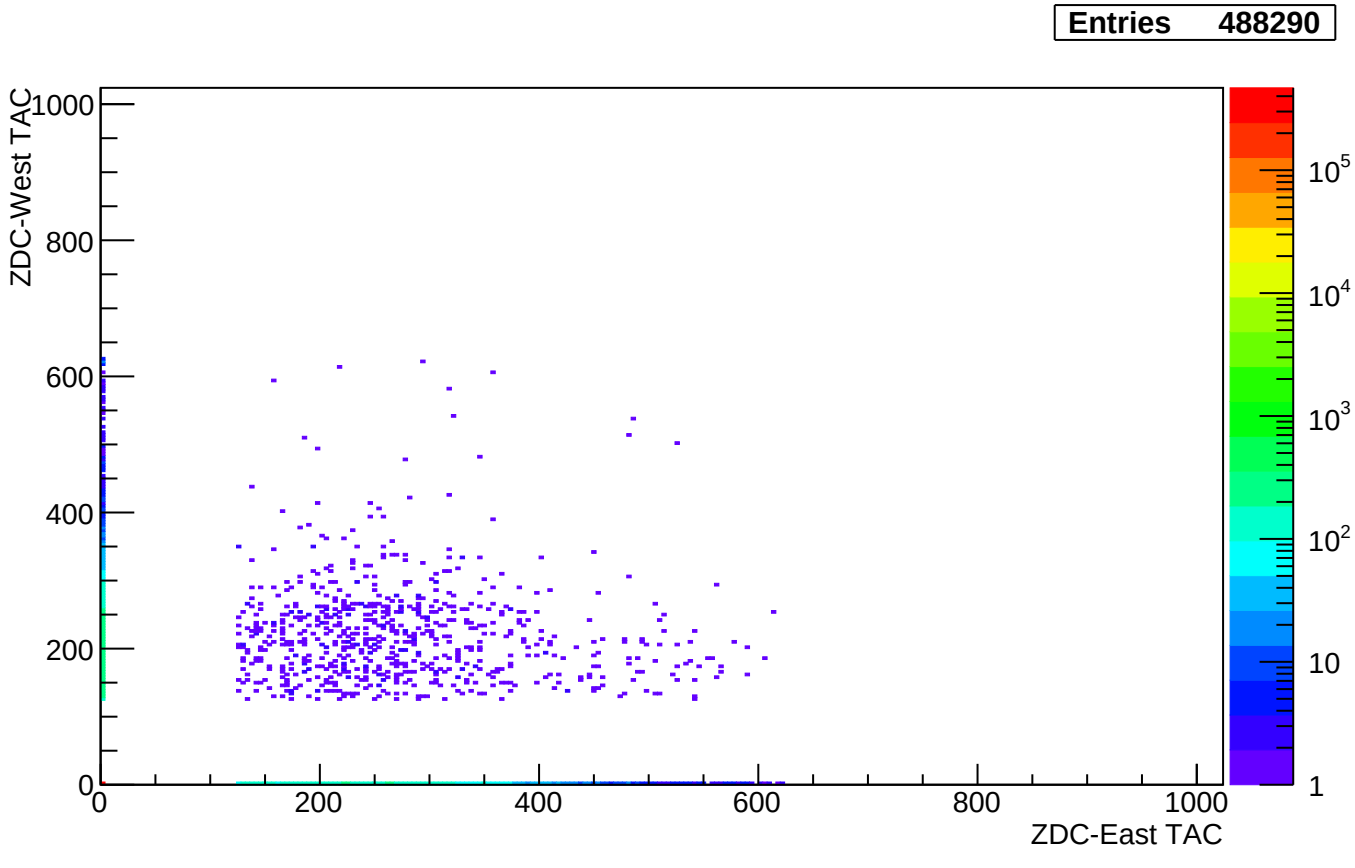

Entries 488290
TOF-Mult
VPD-East ADC Sum

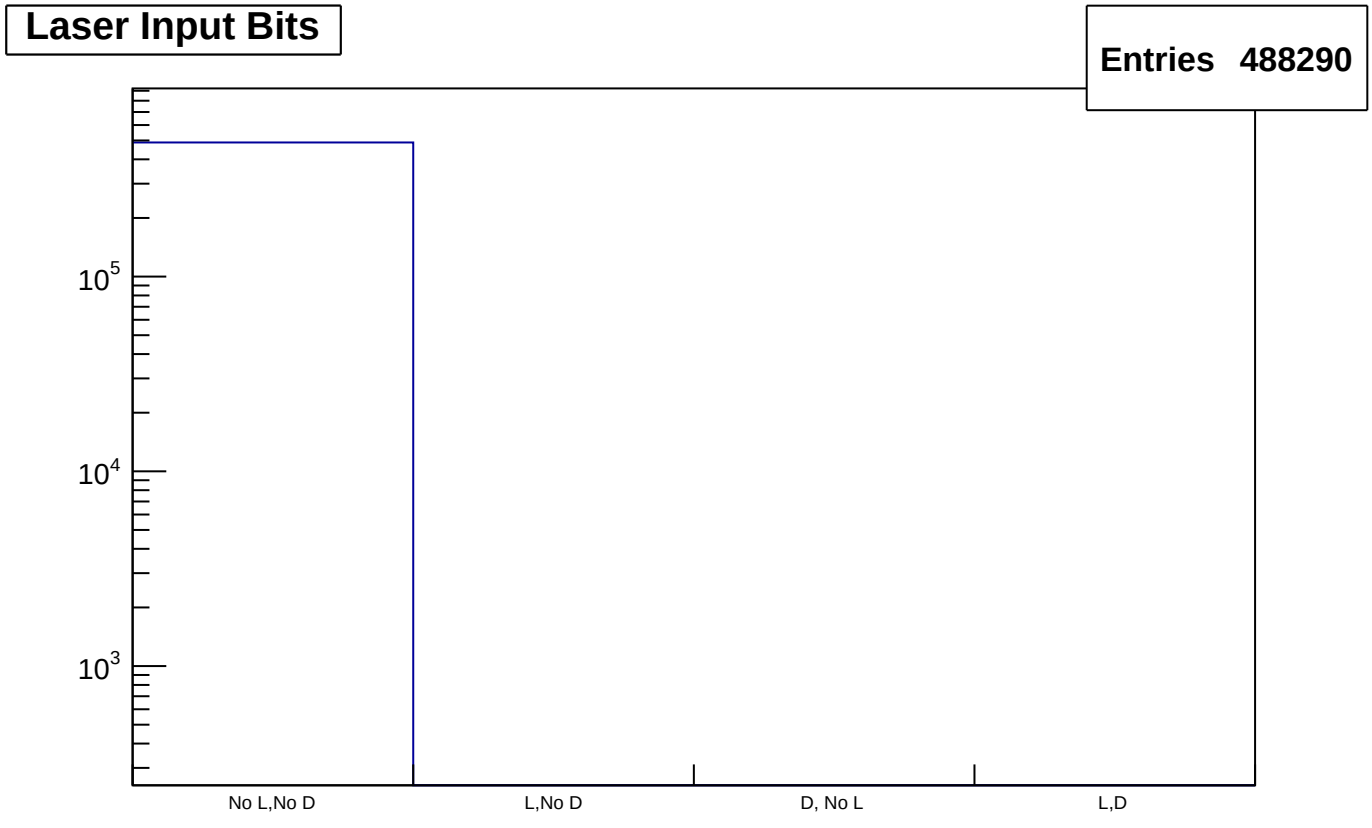

Entries 488290
TOF-Mult
VPD-West ADC Sum

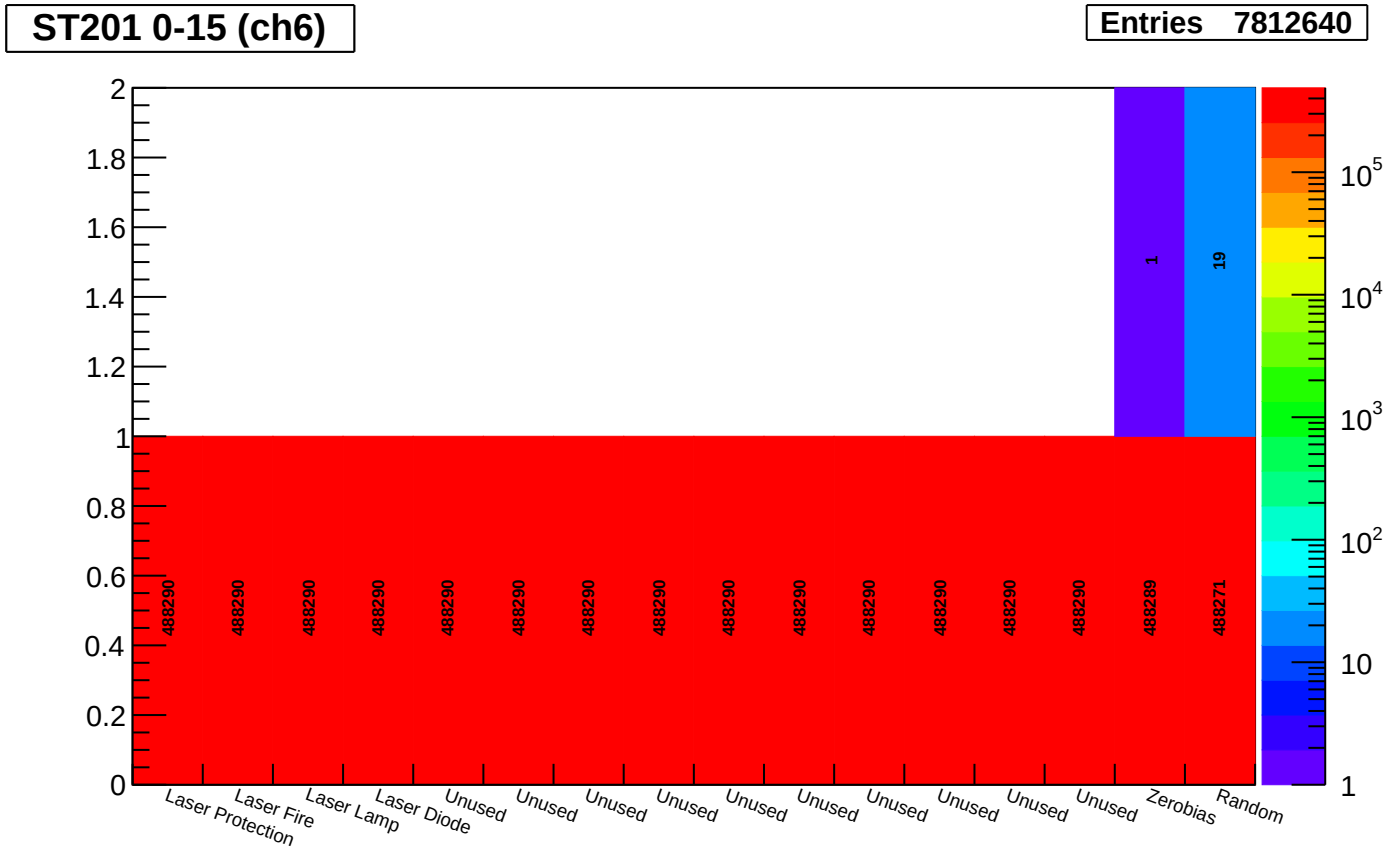

Entries 488290
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

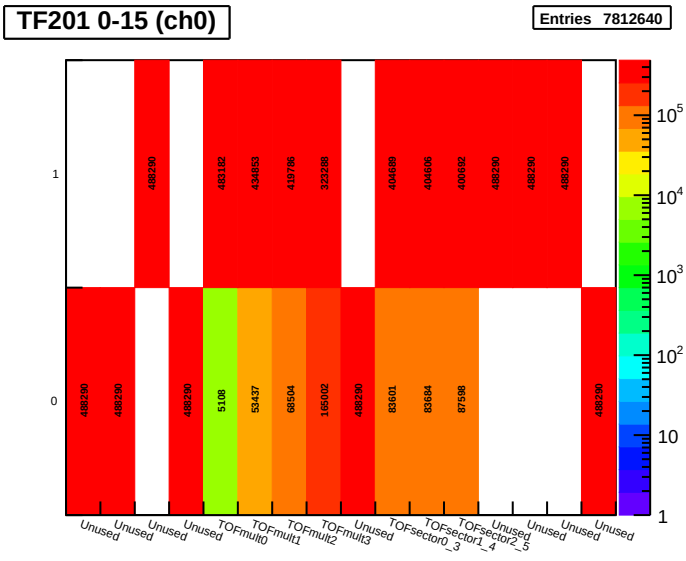

Entries 488290
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

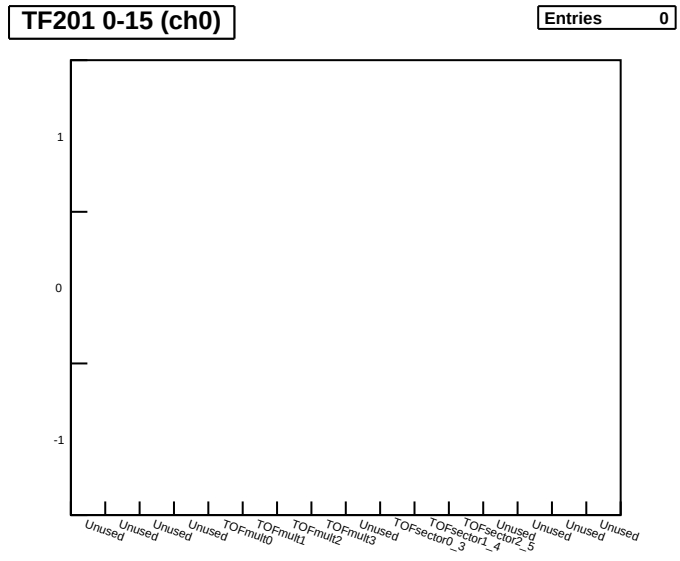

Entries 488290
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

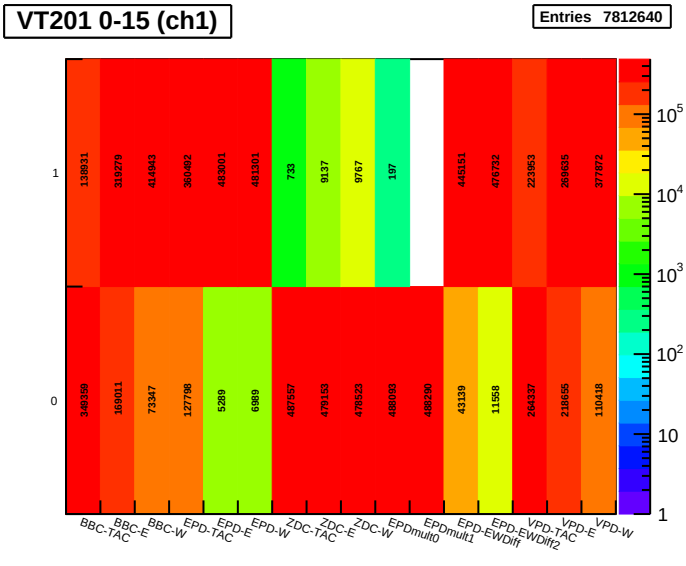

Entries 488290
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

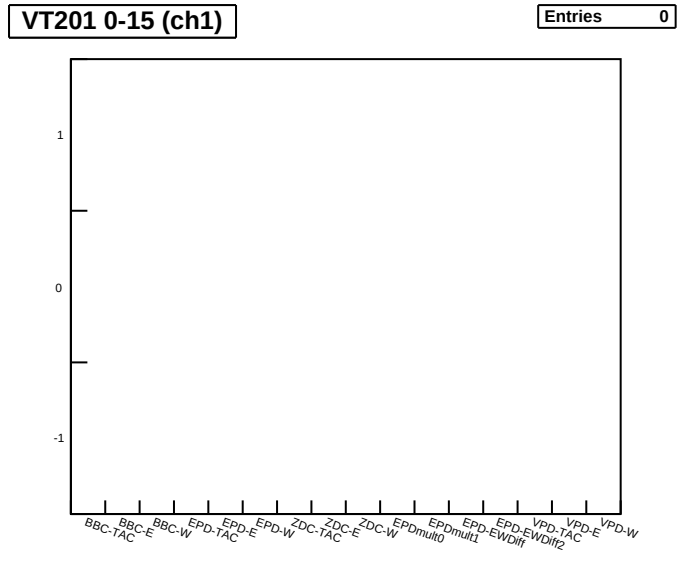

Laser Input Bits
Entries 488290
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

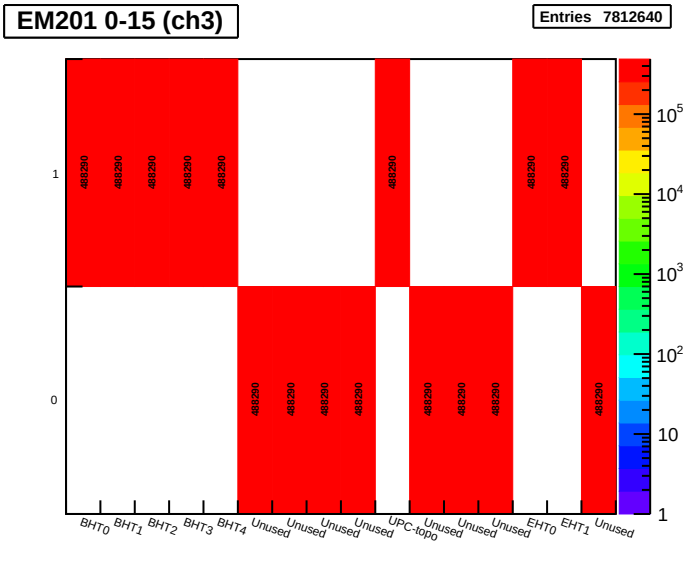

ST201 0-15 (ch6)
Entries 7812640
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488289
488271
1
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

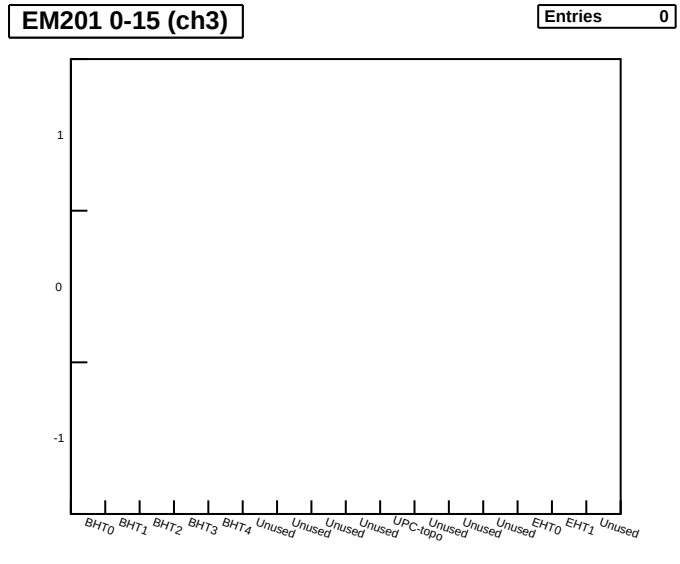

TF201 0-15 (ch0)
Entries 7812640
1
0
488290
463182
434853
419786
323288
404689
404606
400692
488290
488290
488290
488290
488290
488290
5108
53437
68504
165002
83601
83684
87598
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7812640
1
0
138931
319279
414943
360492
403001
481301
733
9137
9767
197
445151
476732
223953
269635
377872
348359
169011
73347
127798
5289
6989
487557
479153
478523
488093
488290
43139
11568
264337
218655
110418
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 7812640
1
0
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
488290
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1