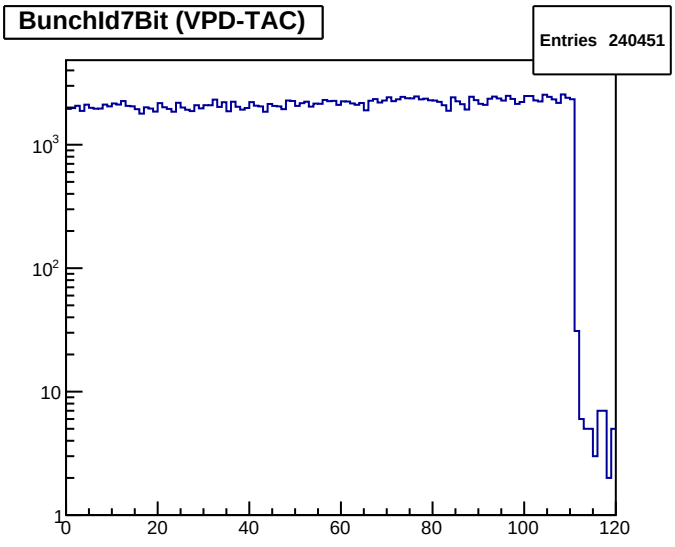
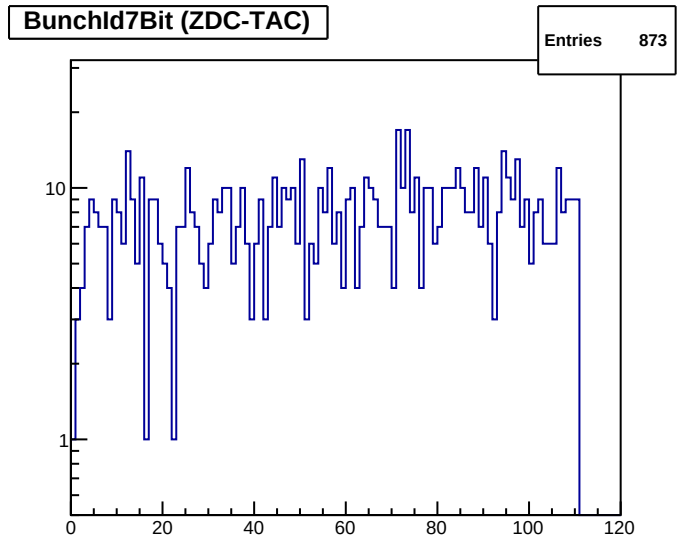
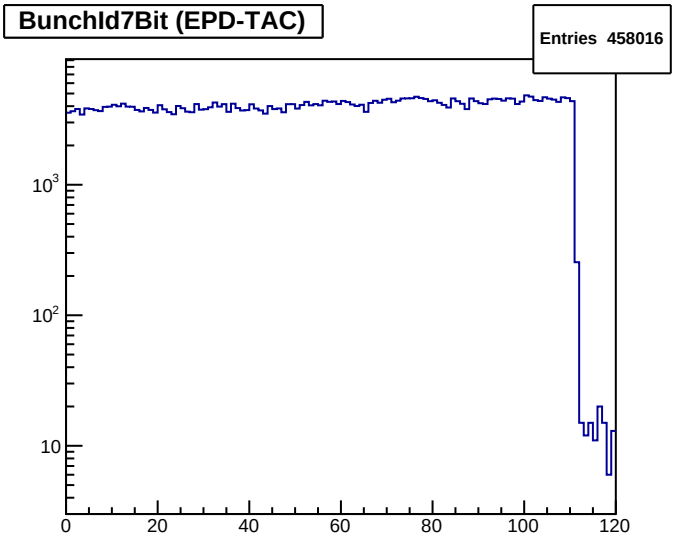
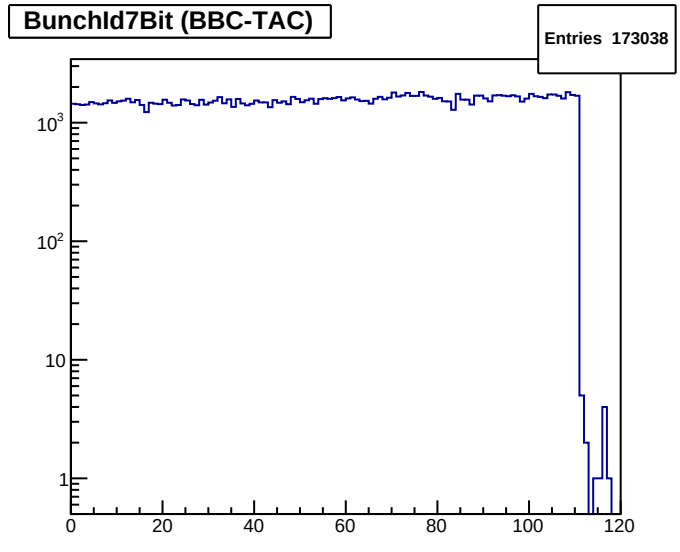
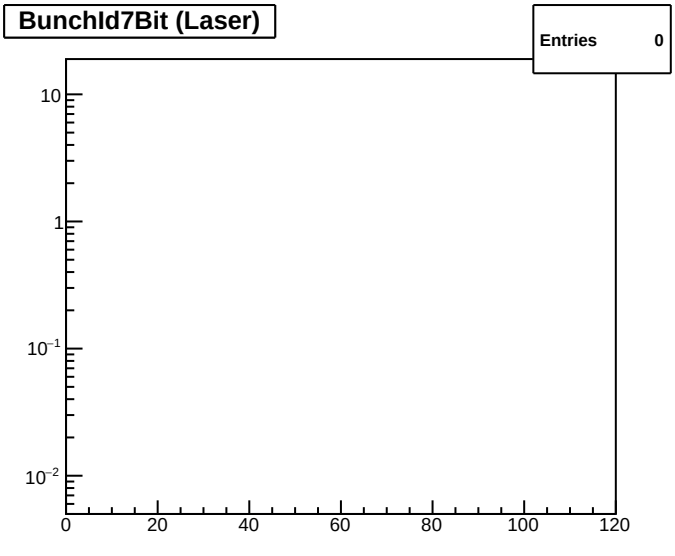
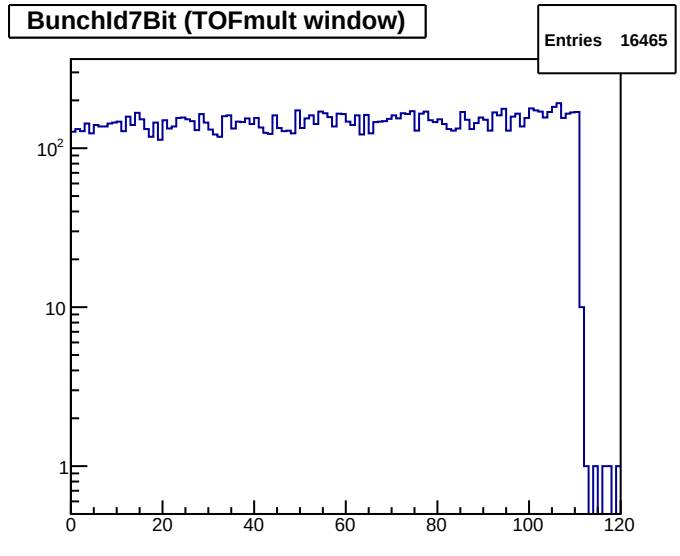

BunchId7Bit (VPD-TAC)
Entries 240451

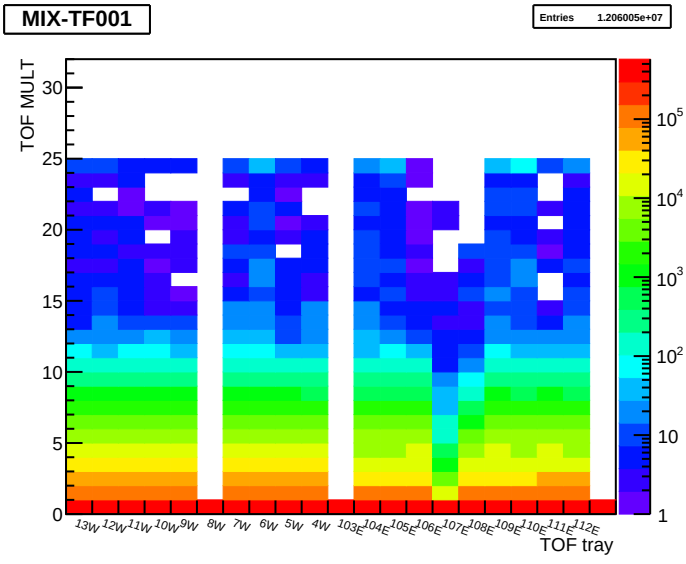

BunchId7Bit (ZDC-TAC)
Entries 873

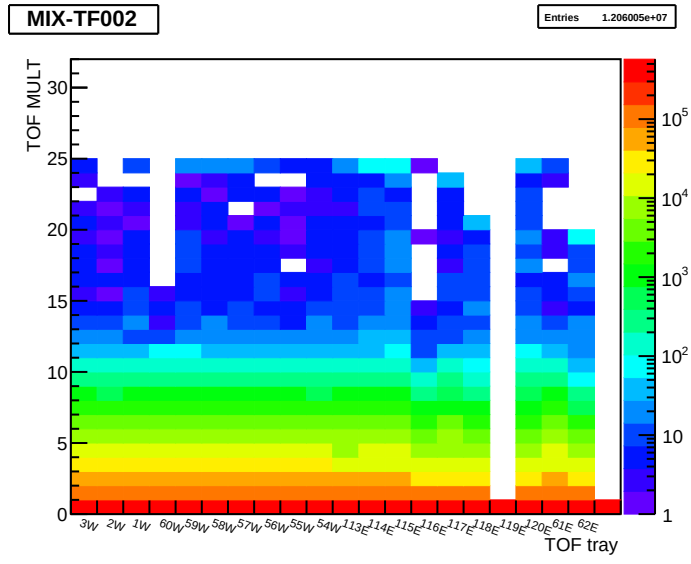

BunchId7Bit (EPD-TAC)
Entries 458016

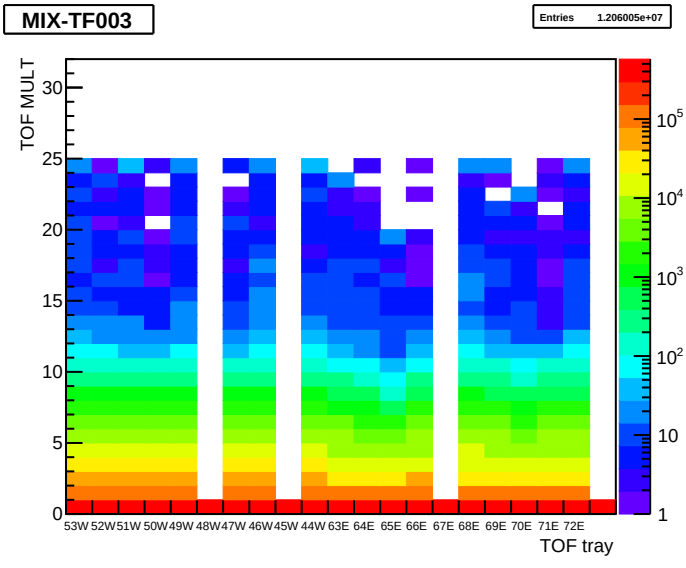

BunchId7Bit (BBC-TAC)
Entries 173038

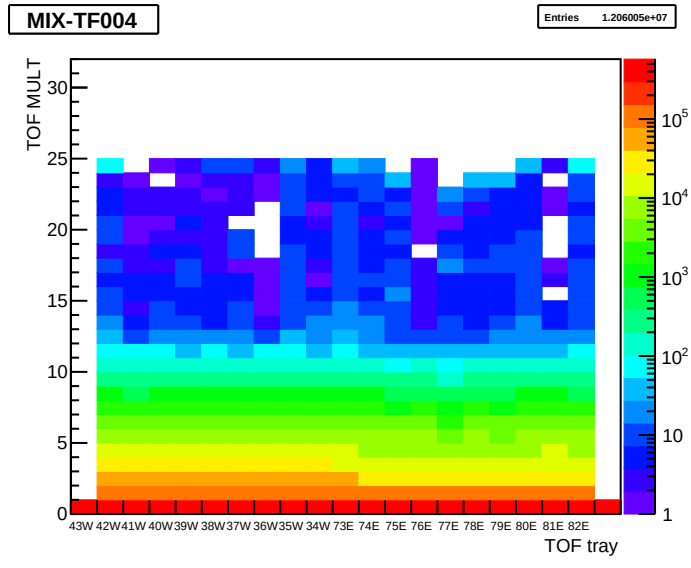

BunchId7Bit (Laser)
Entries 0

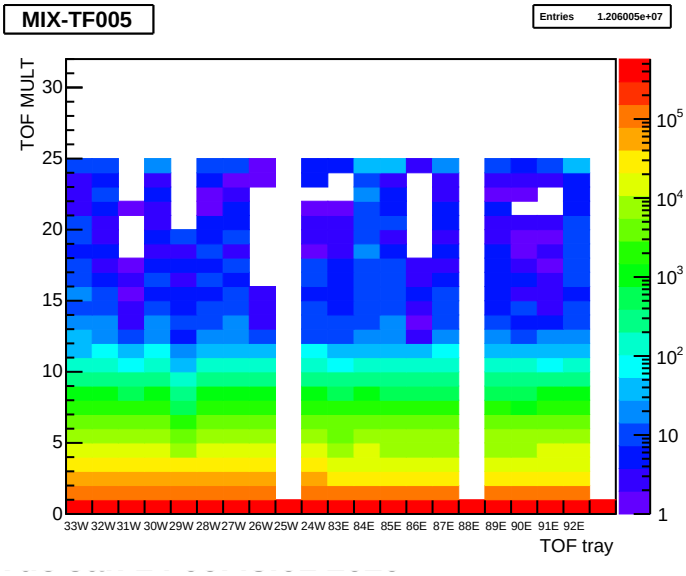

BunchId7Bit (TOFmult window)
Entries 16465

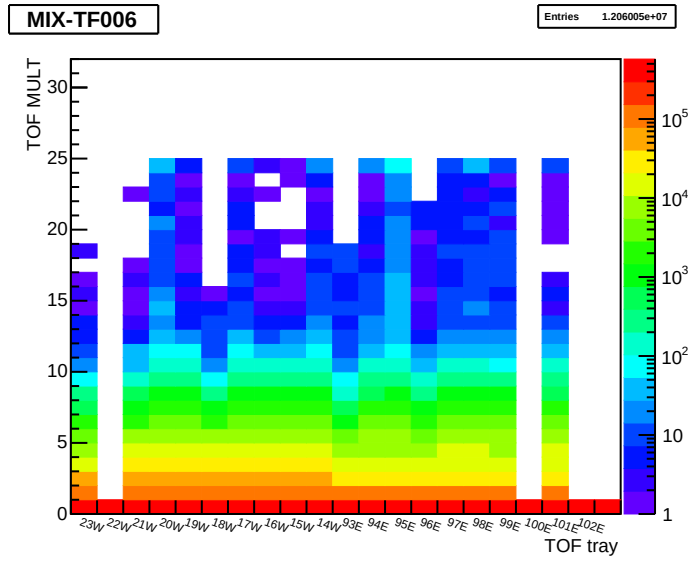

MIX-TF001
Entries 1.206005e+07
TOF MULT
TOF tray

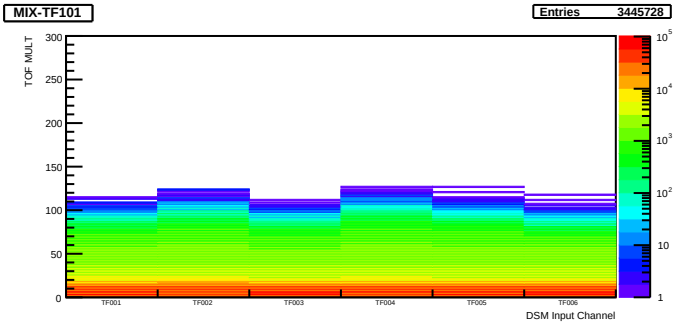

MIX-TF002
Entries 1.206005e+07
TOF MULT
TOF tray

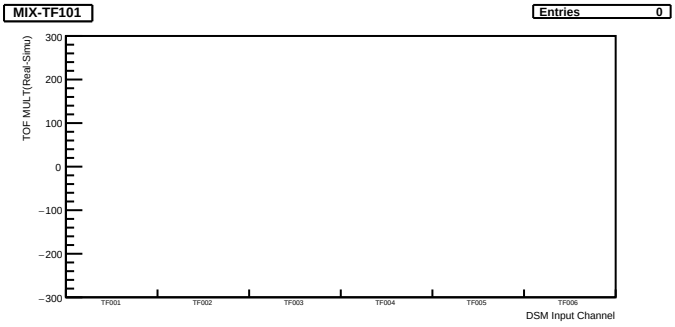

MIX-TF003
Entries 1.206005e+07
TOF MULT
TOF tray

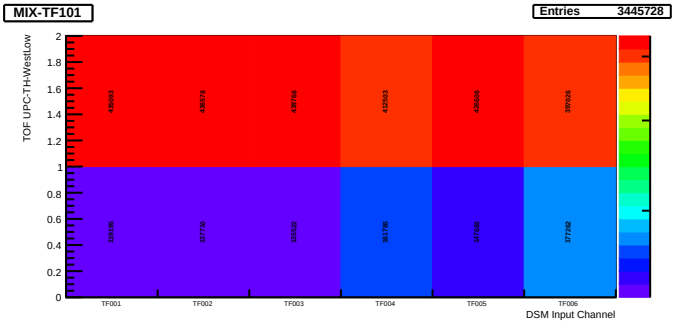

MIX-TF004
Entries 1.206005e+07
TOF MULT
TOF tray

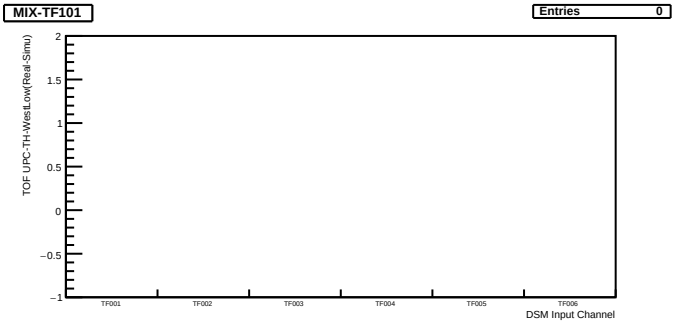

MIX-TF005
Entries 1.206005e+07
TOF MULT
TOF tray

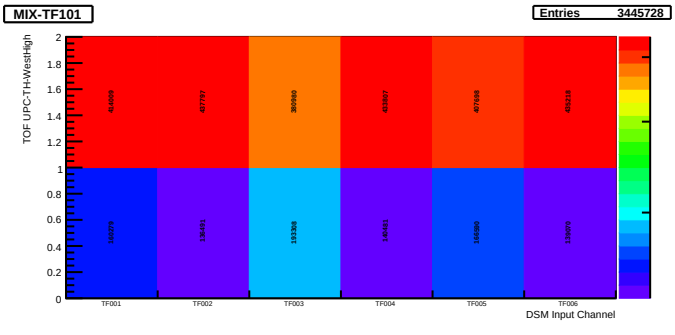

MIX-TF006
Entries 1.206005e+07
TOF MULT
TOF tray

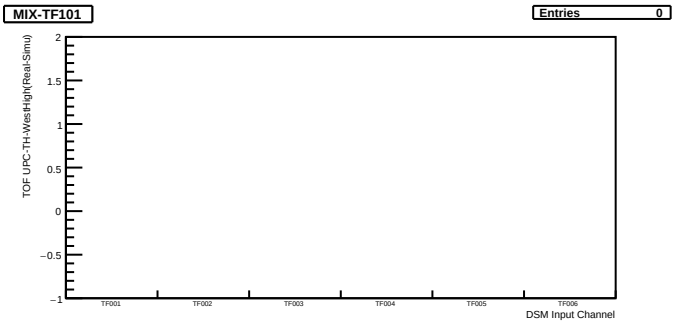

MIX-TF101
Entries 3445728
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

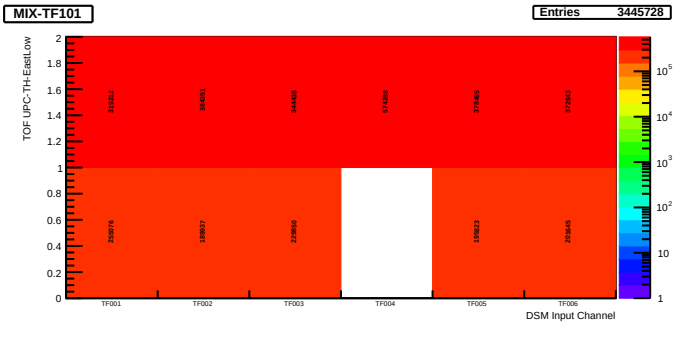

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

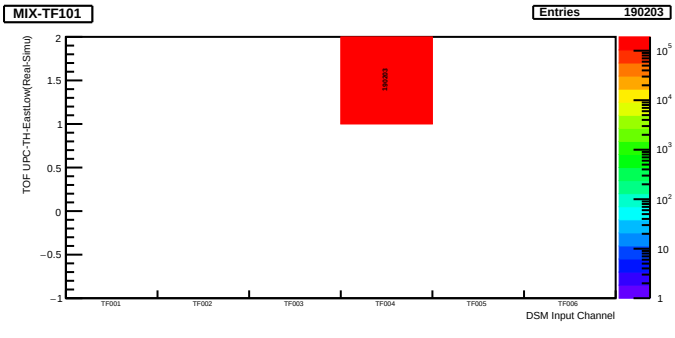

MIX-TF101
Entries 3445728
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

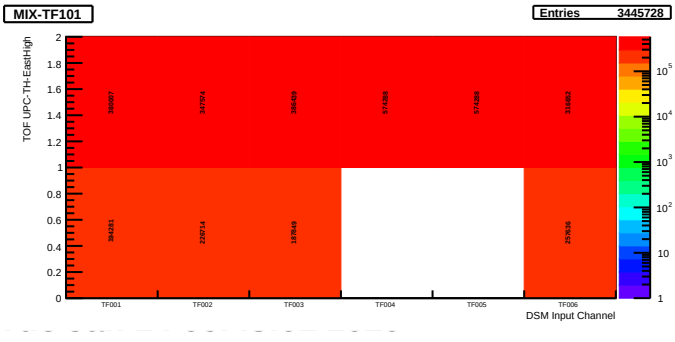

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

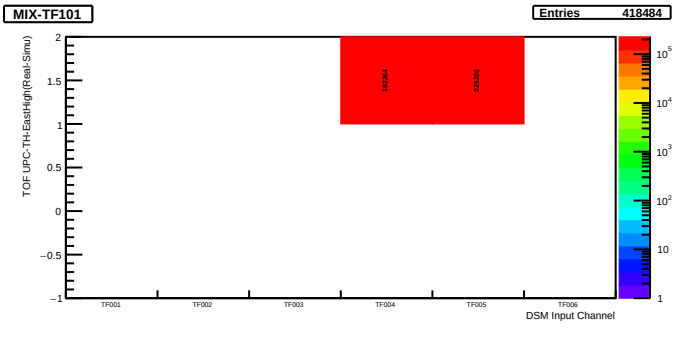

MIX-TF101
Entries 3445728
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

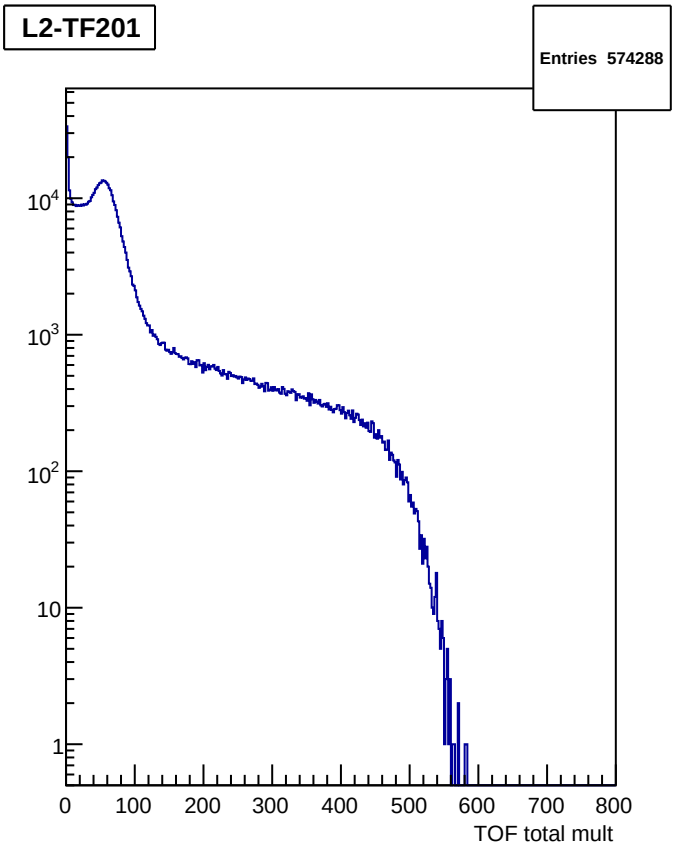

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

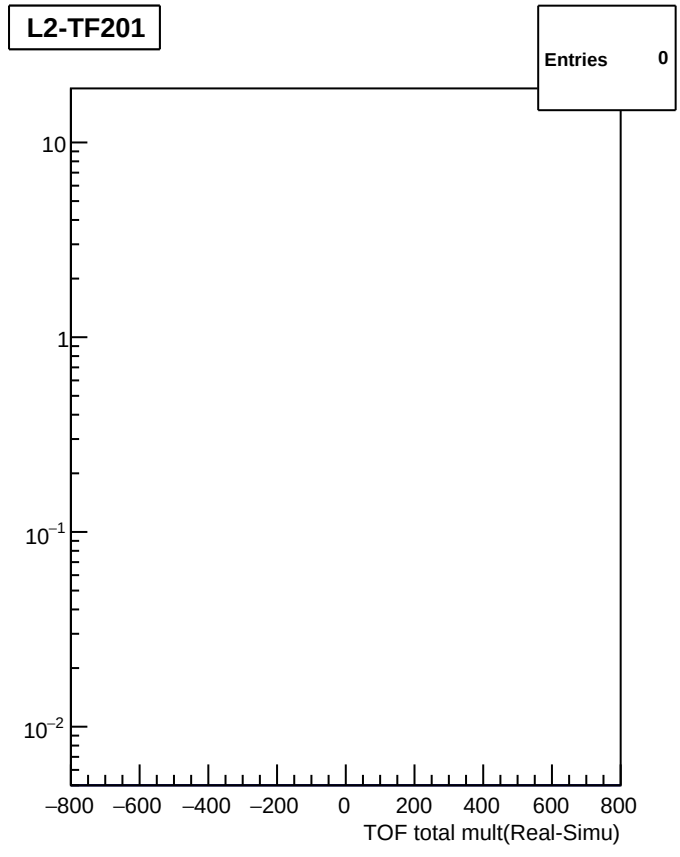

MIX-TF101
Entries 3445728
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

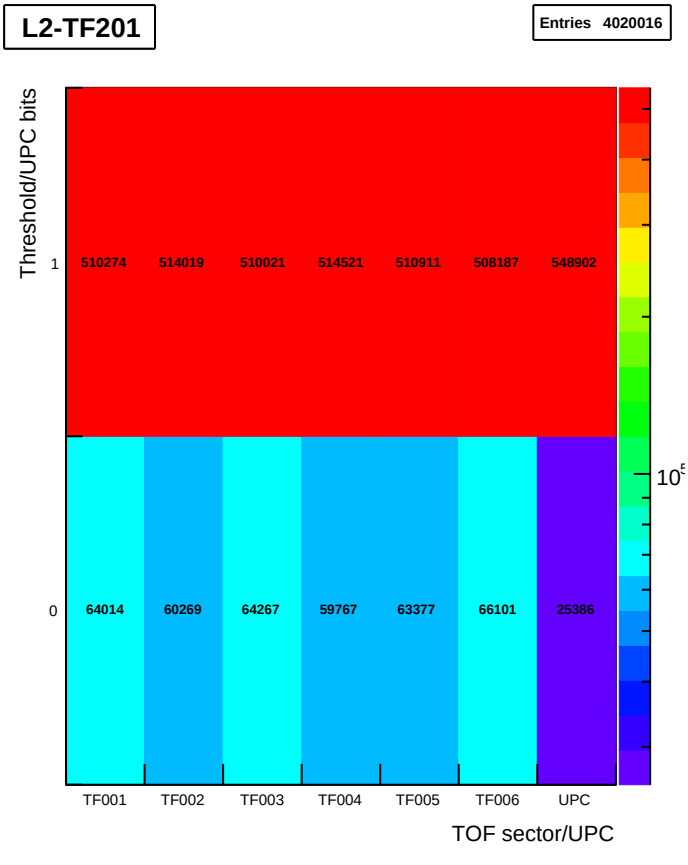

MIX-TF101
Entries 190203
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

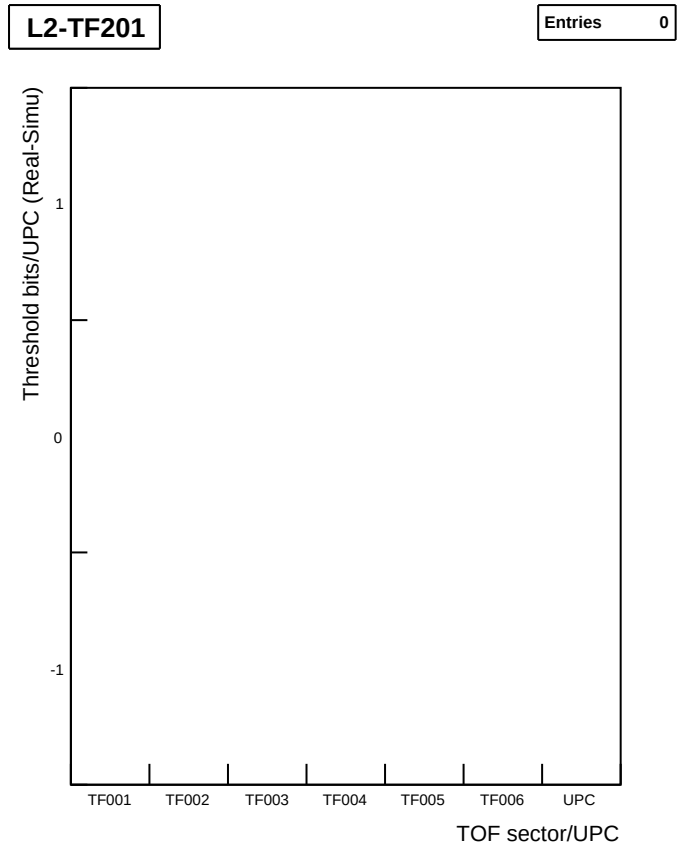

MIX-TF101
Entries 3445728
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

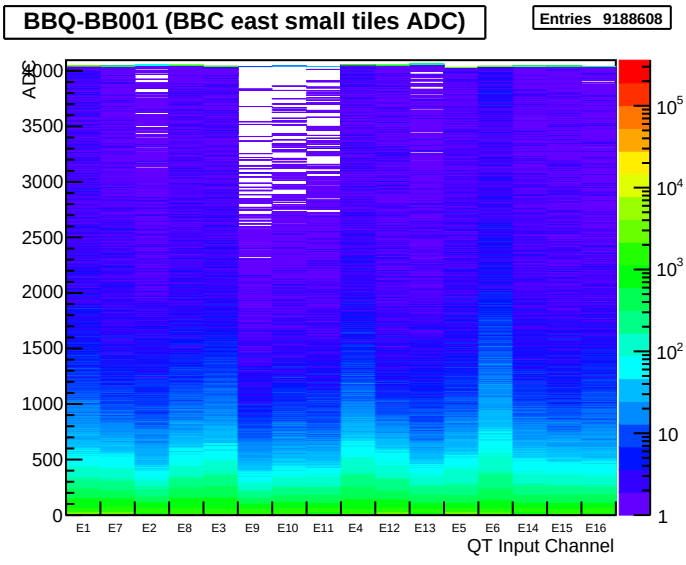

MIX-TF101
Entries 418484
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

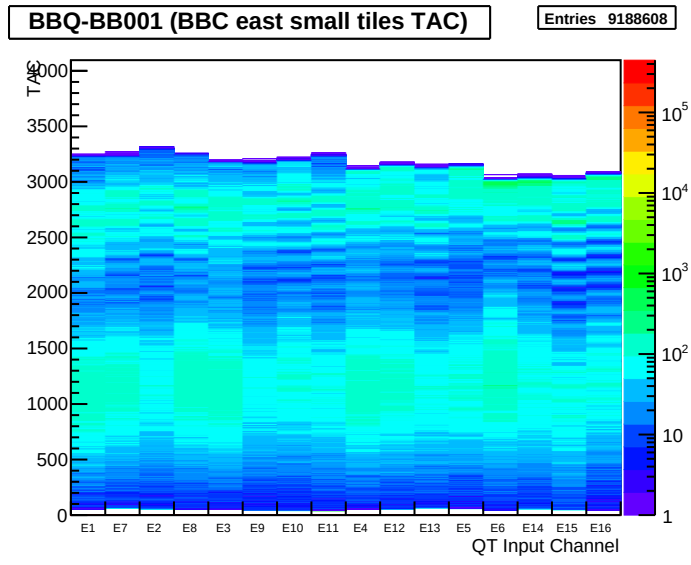

L2-TF201
Entries 574288
TOF total mult

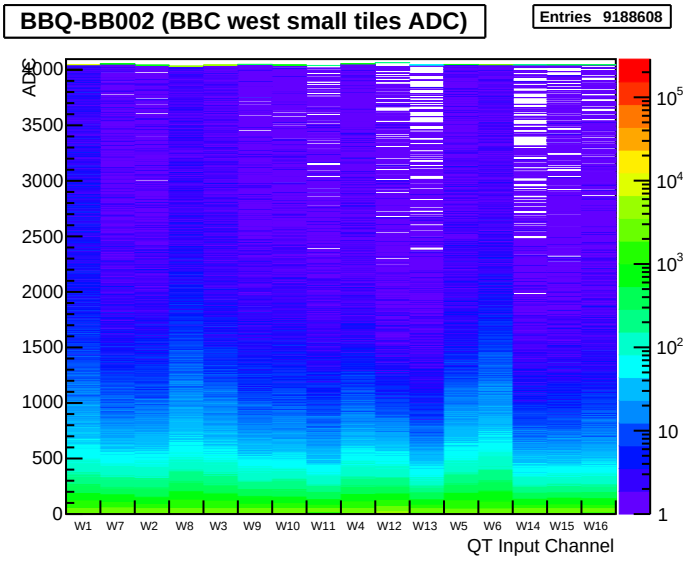

L2-TF201
Entries 0
TOF total mult(Real-Simu)

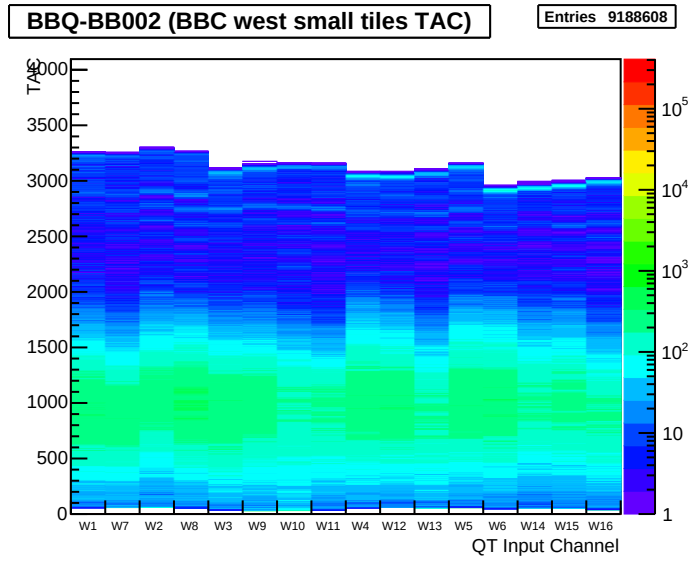

L2-TF201
Entries 4020016
Threshold/UPC bits
510274
514019
510021
514521
510911
508187
548902
64014
60269
64267
59767
63377
66101
25386
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

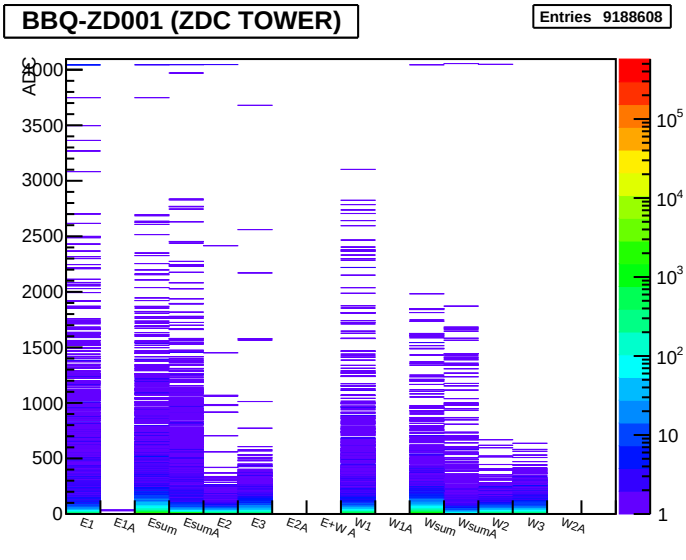

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

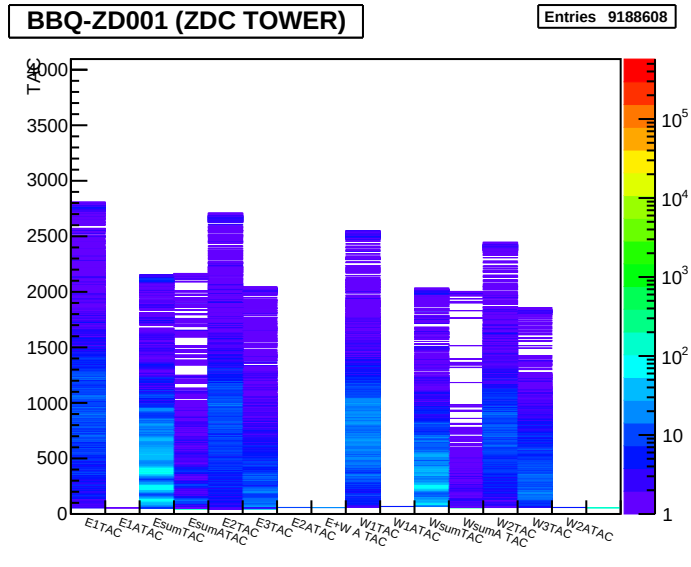

BBQ-BB001 (BBC east small tiles ADC)
Entries 9188608
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

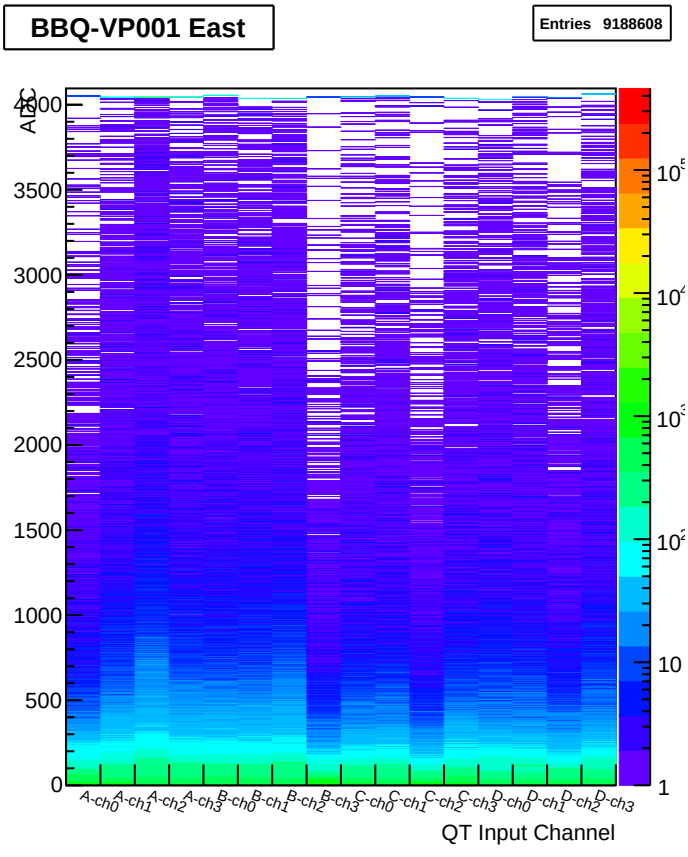

BBQ-BB001 (BBC east small tiles TAC)
Entries 9188608
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

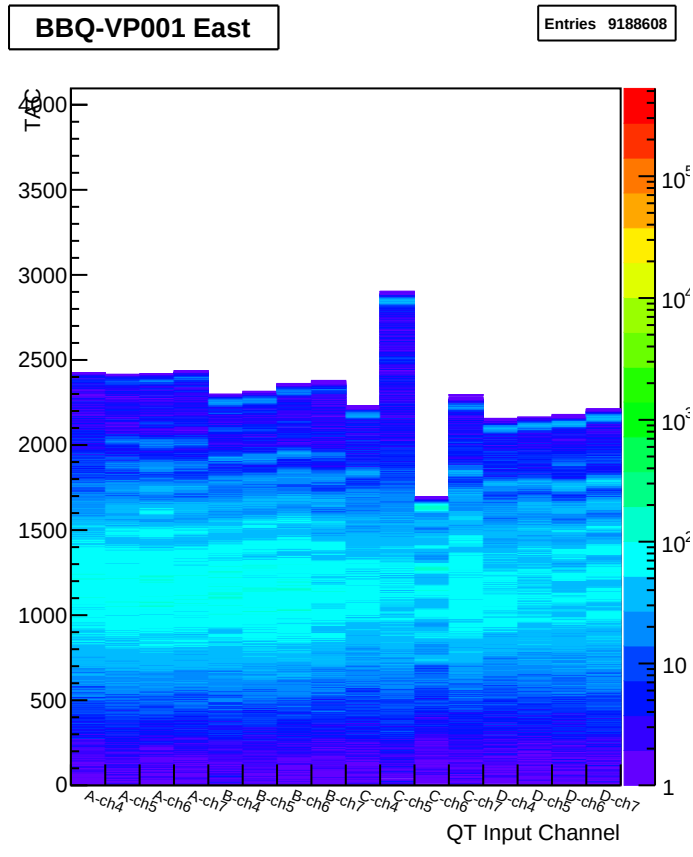

BBQ-BB002 (BBC west small tiles ADC)
Entries 9188608
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

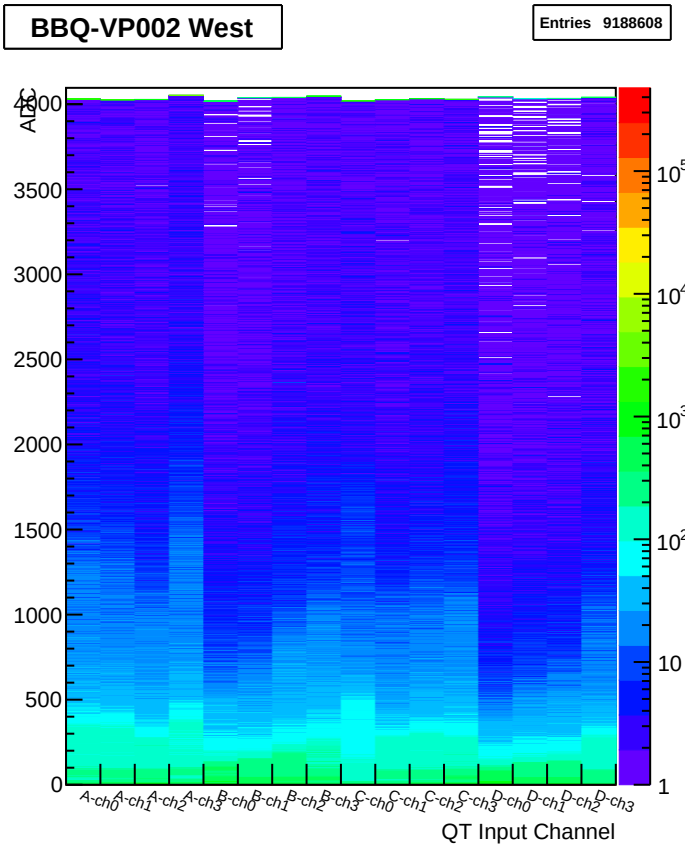

BBQ-BB002 (BBC west small tiles TAC)
Entries 9188608
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

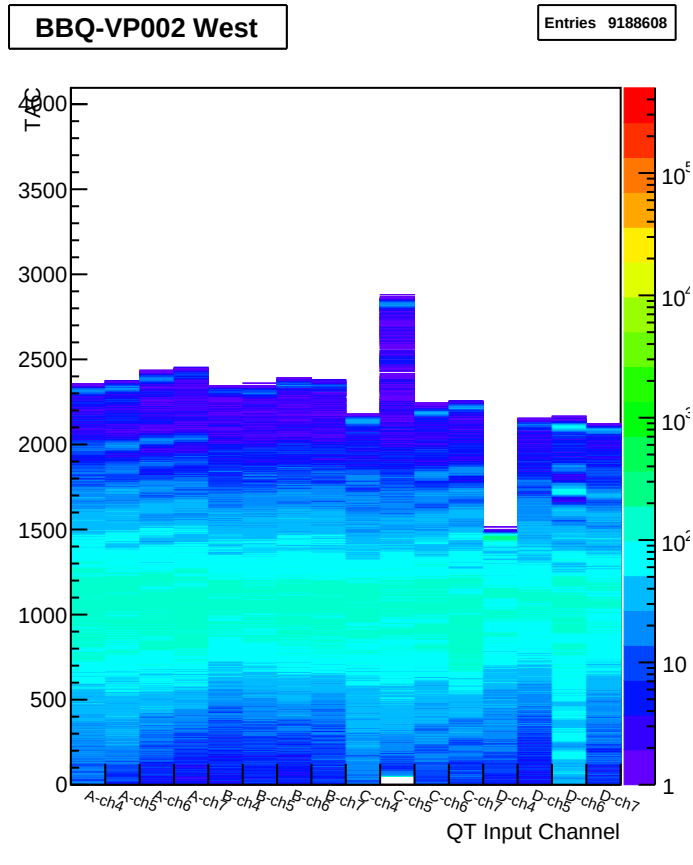

BBQ-ZD001 (ZDC TOWER)
Entries 9188608
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

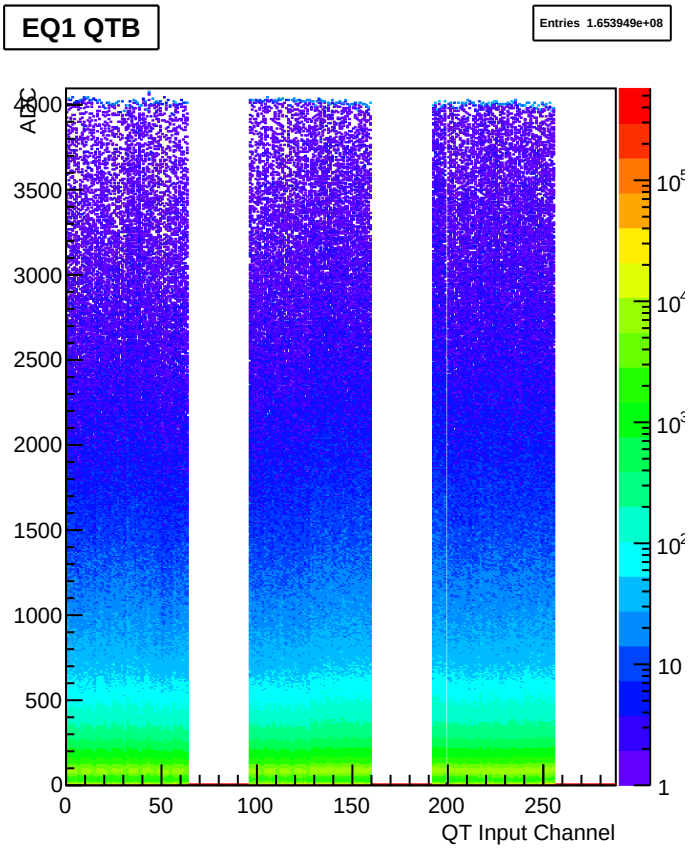

BBQ-ZD001 (ZDC TOWER)
Entries 9188608
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

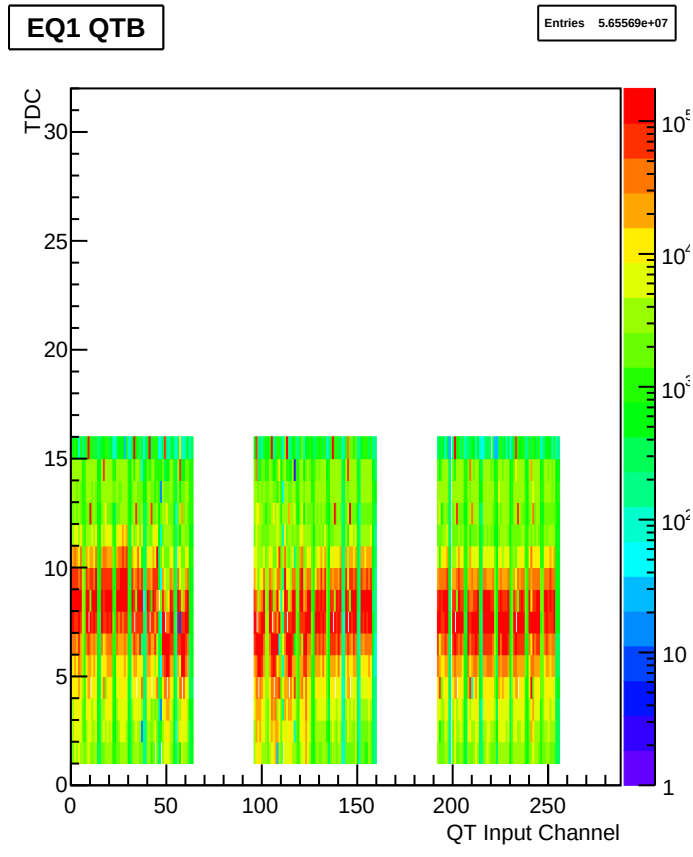

BBQ-VP001 East
Entries 9188608
ADC
QT Input Channel

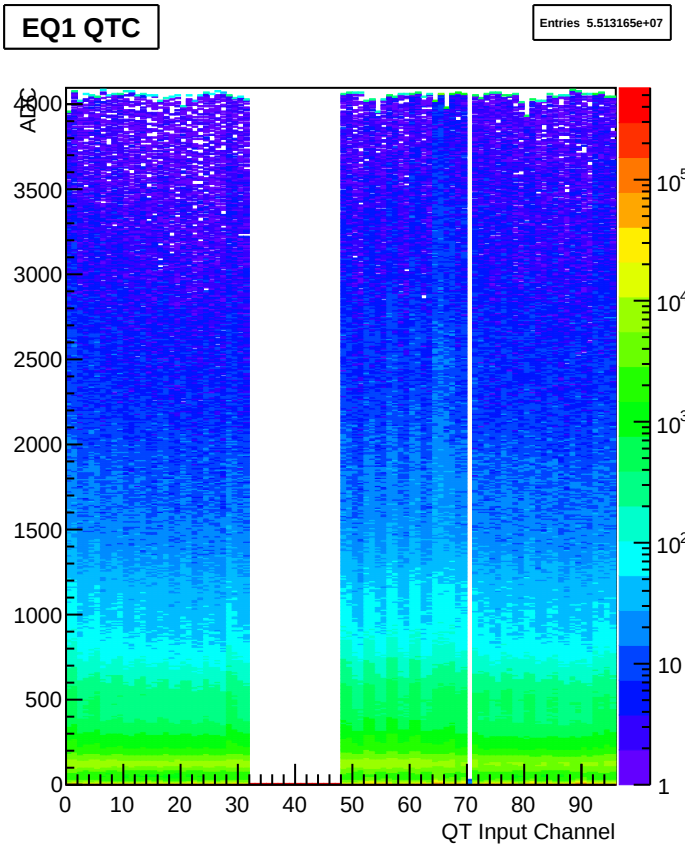

BBQ-VP001 East
Entries 9188608
ADC
QT Input Channel

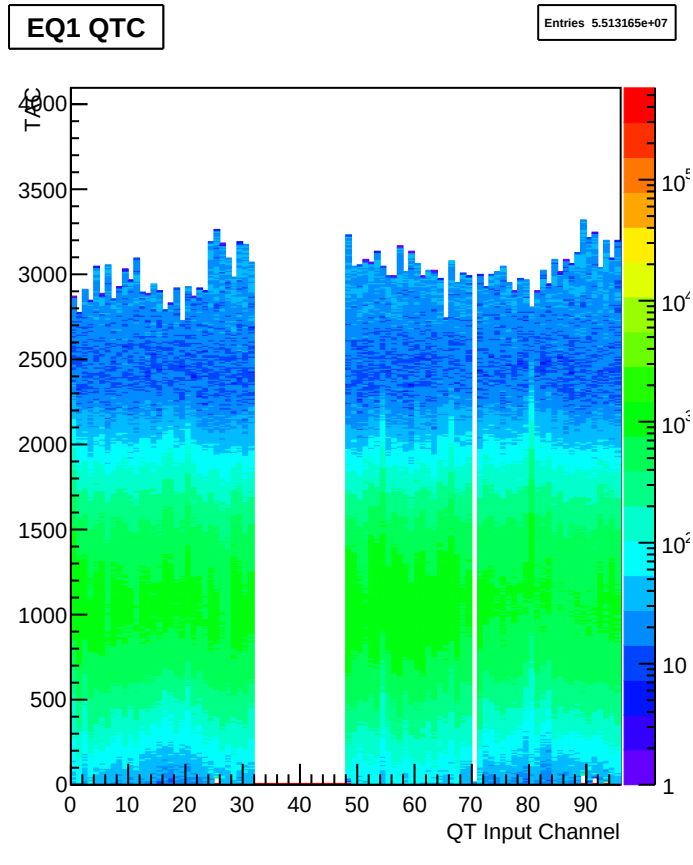

BBQ-VP002 West
Entries 9188608
ADC
QT Input Channel

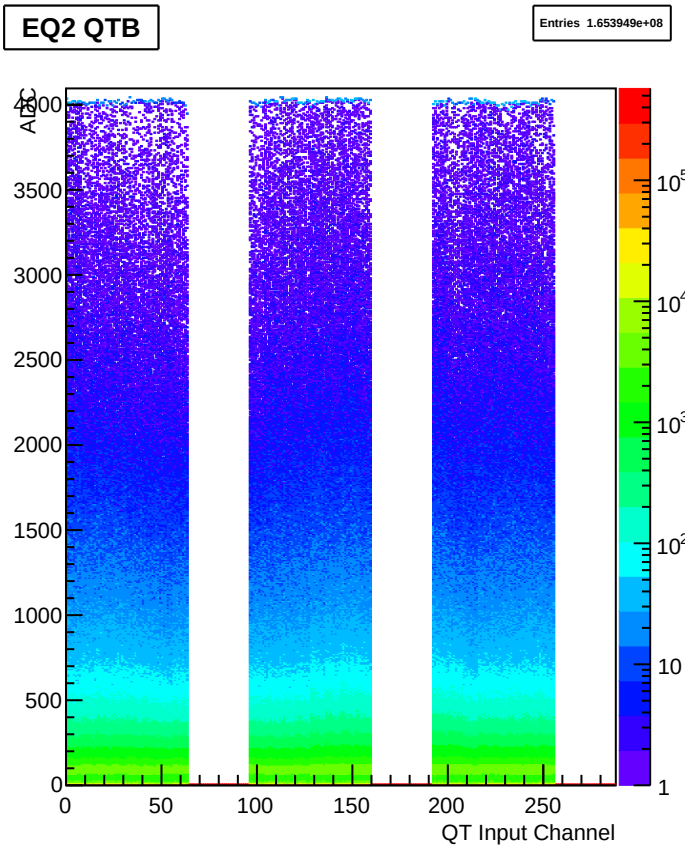

BBQ-VP002 West
Entries 9188608
ADC
QT Input Channel

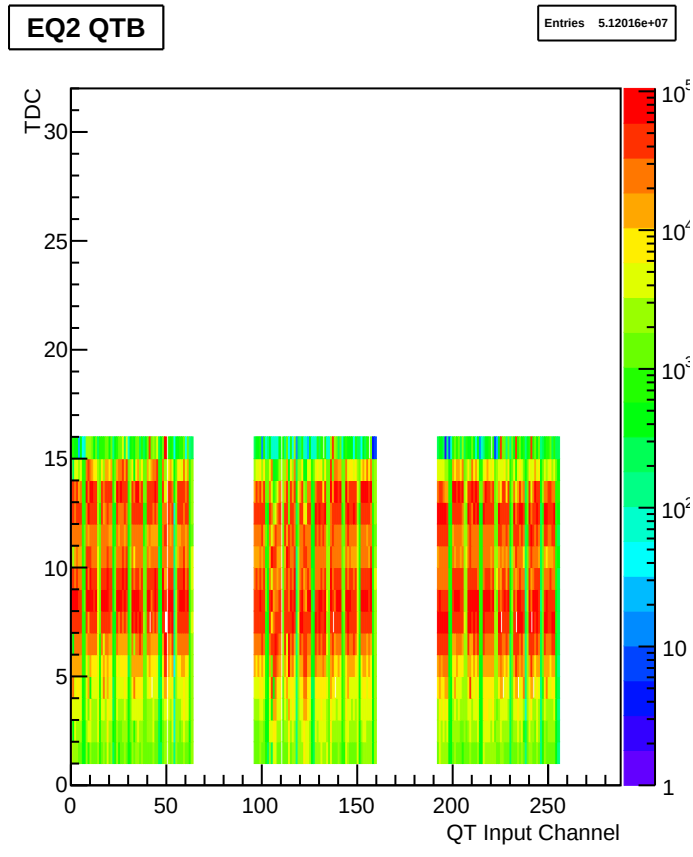

EQ1 QTB
Entries 1.653949e+08
ADC
QT Input Channel

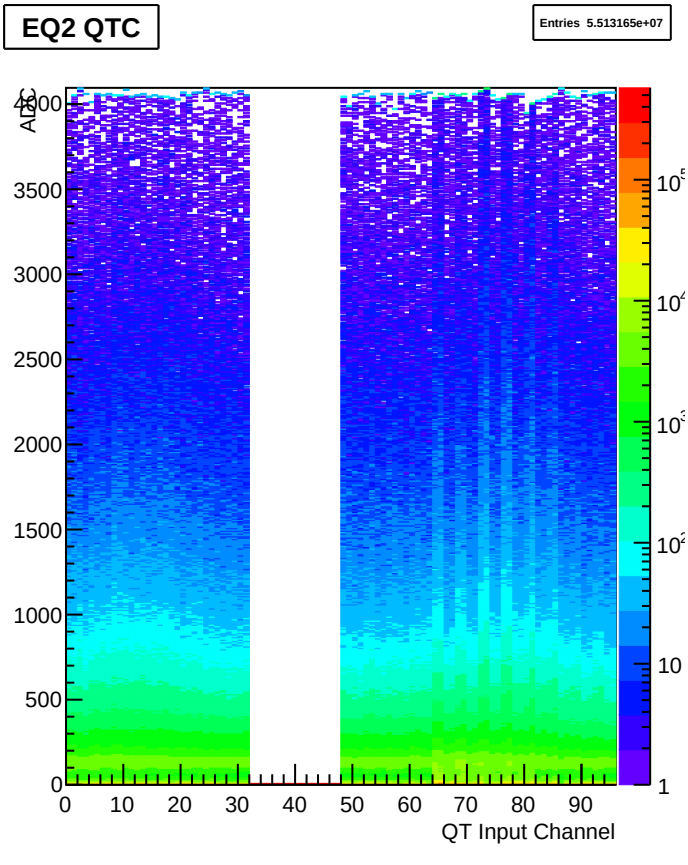

EQ1 QTB
Entries 5.65569e+07
TDC
QT Input Channel

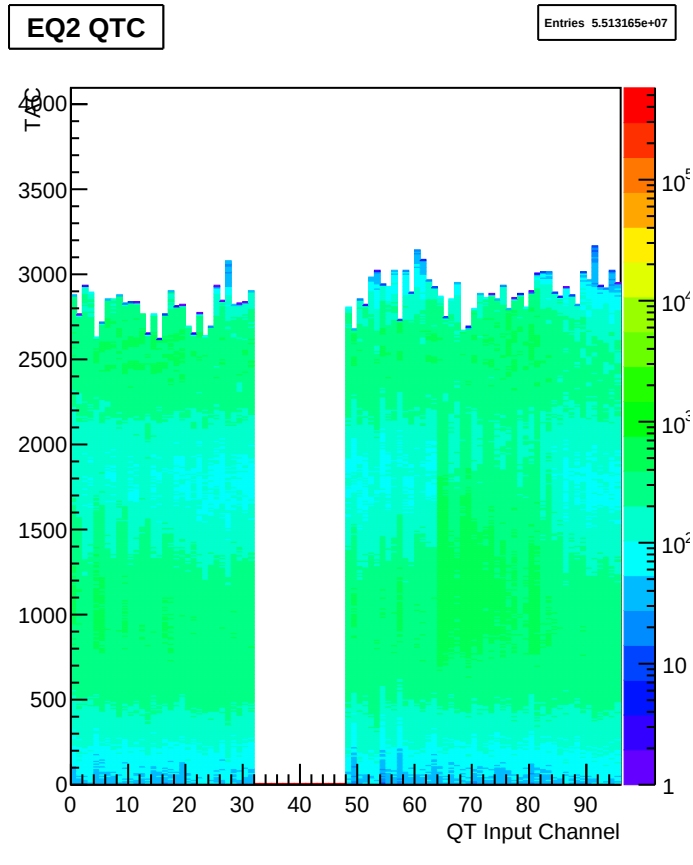

EQ1 QTC
Entries 5.513165e+07
ADC
QT Input Channel

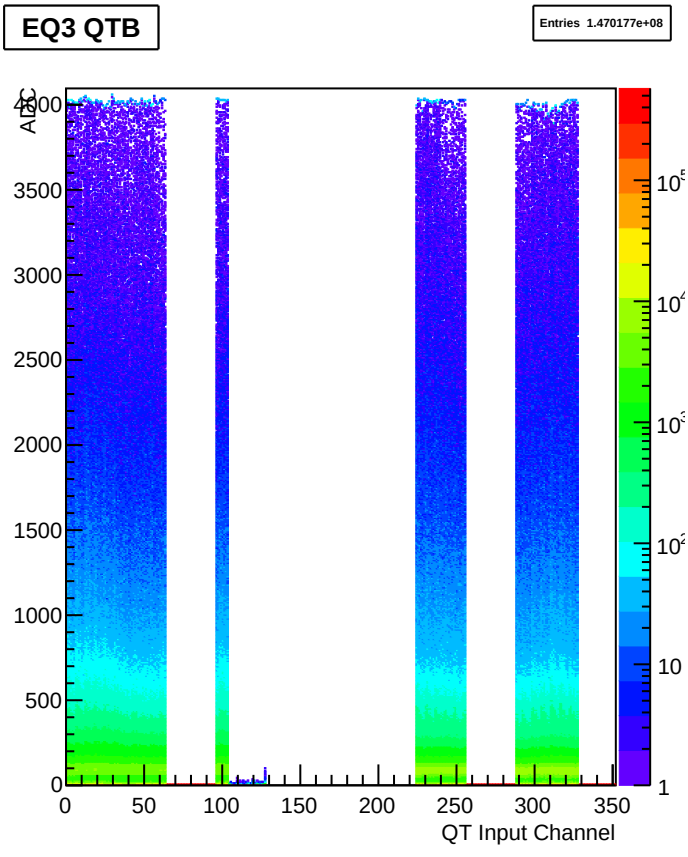

EQ1 QTC
Entries 5.513165e+07
TADC
QT Input Channel

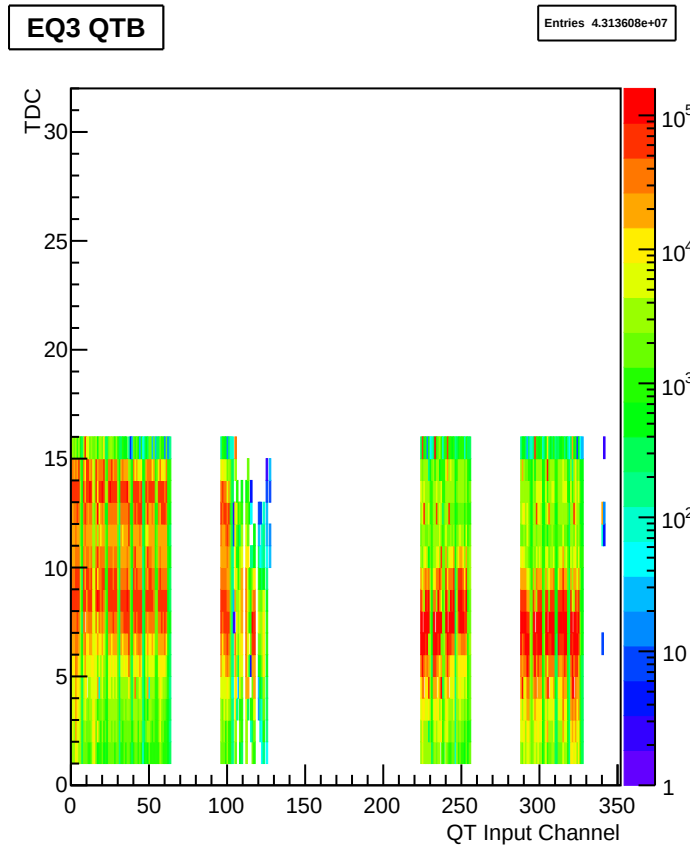

EQ2 QTB
Entries 1.653949e+08
ADC
QT Input Channel

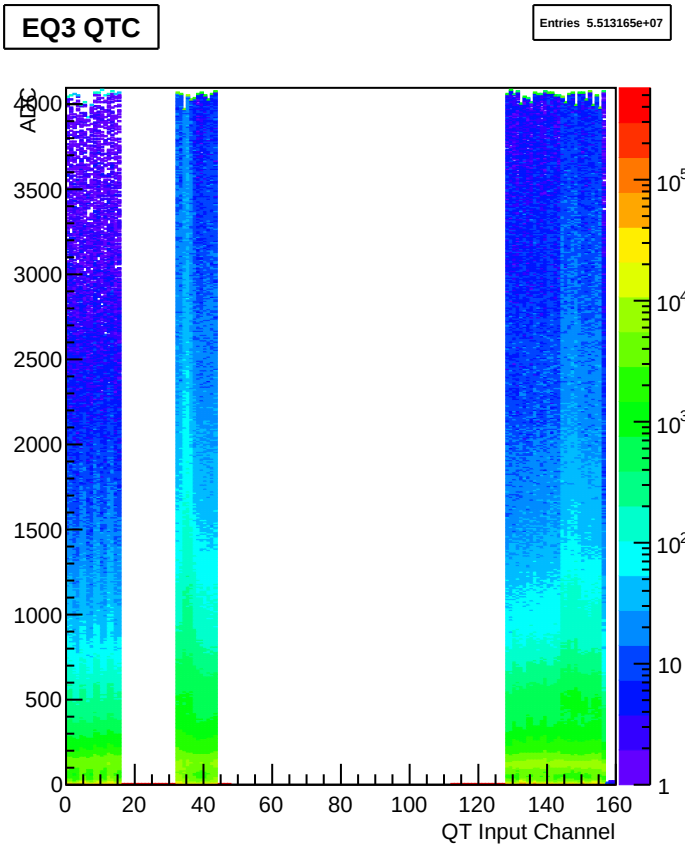

EQ2 QTB
Entries 5.12016e+07
TDC
QT Input Channel

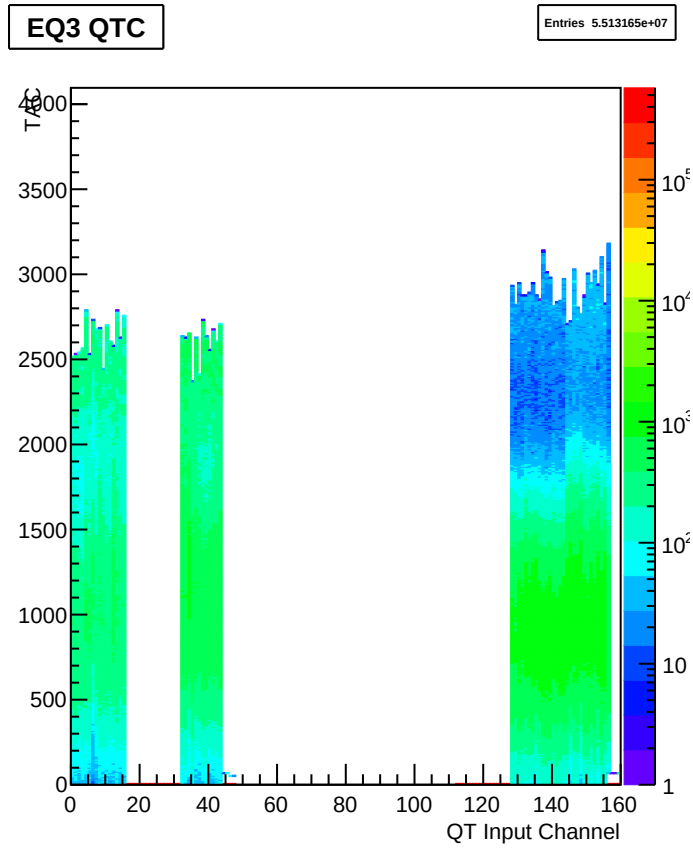

EQ2 QTC
Entries 5.513165e+07
ADC
QT Input Channel

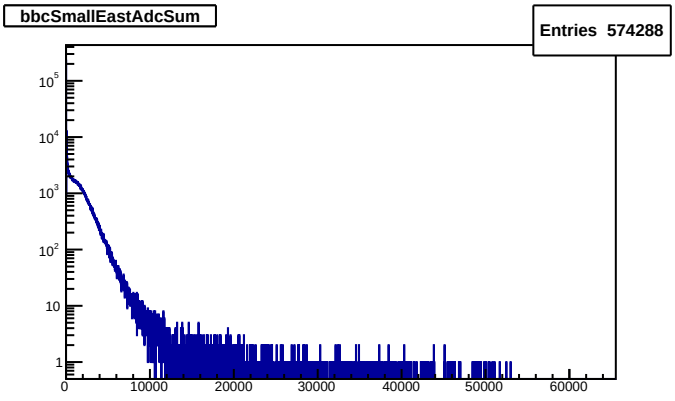

EQ2 QTC
Entries 5.513165e+07
TADC
QT Input Channel

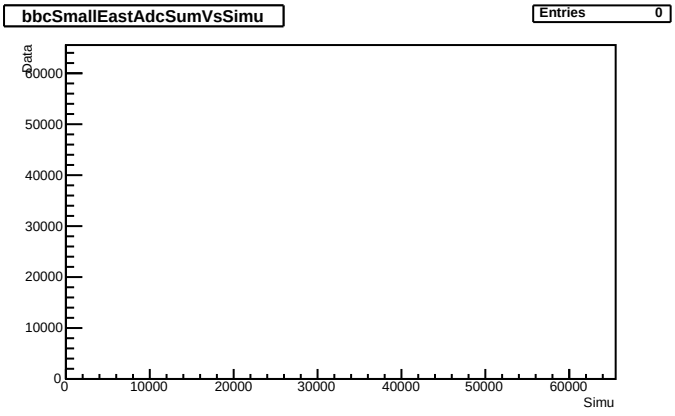

EQ3 QTB
Entries 1.470177e+08
ADC
QT Input Channel

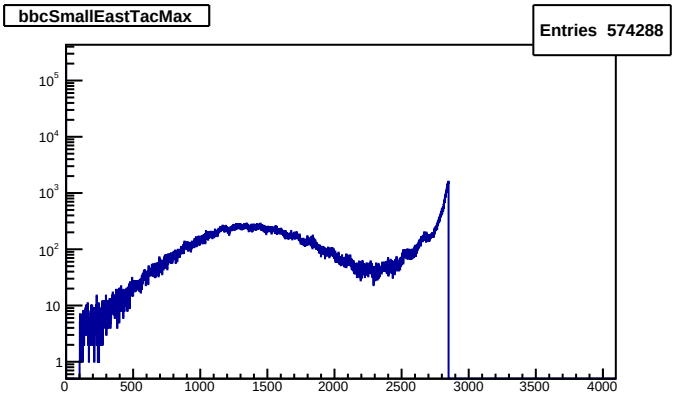

EQ3 QTB
Entries 4.313608e+07
TDC
QT Input Channel

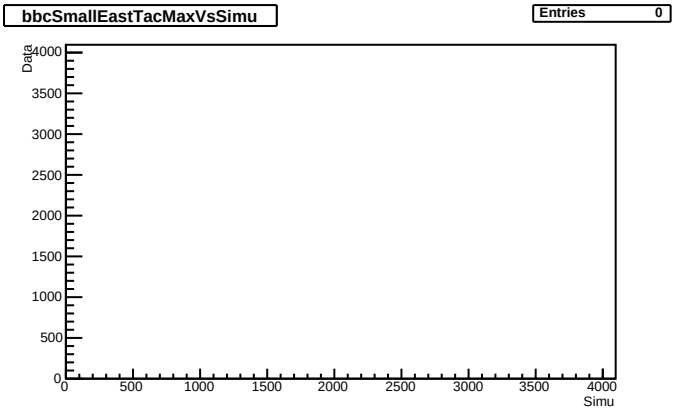

EQ3 QTC
Entries 5.513165e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.513165e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 574288


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 574288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Entries 0
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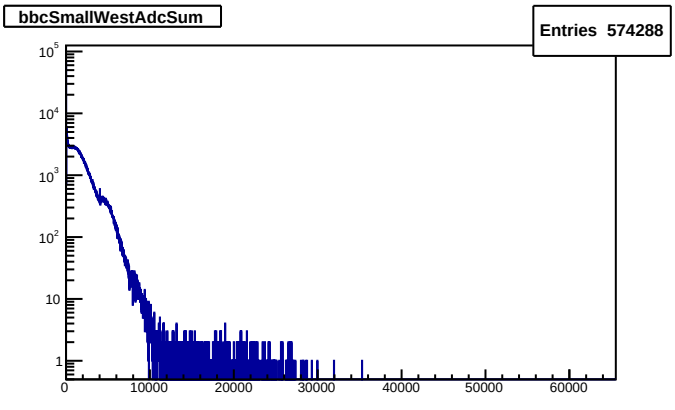
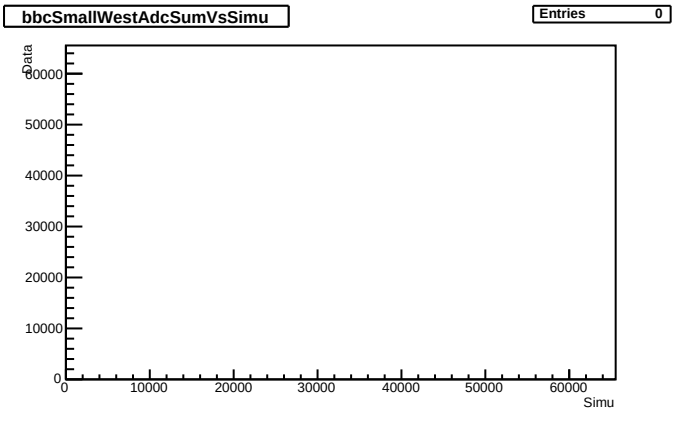
Simu


bbcSmallWestAdcSum
Entries 574288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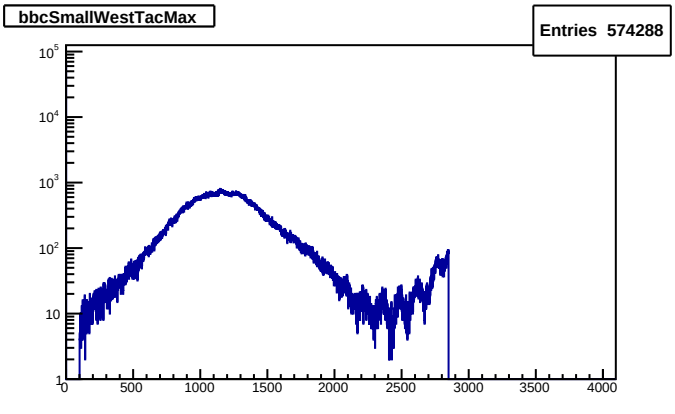
Entries 0
Data
Simu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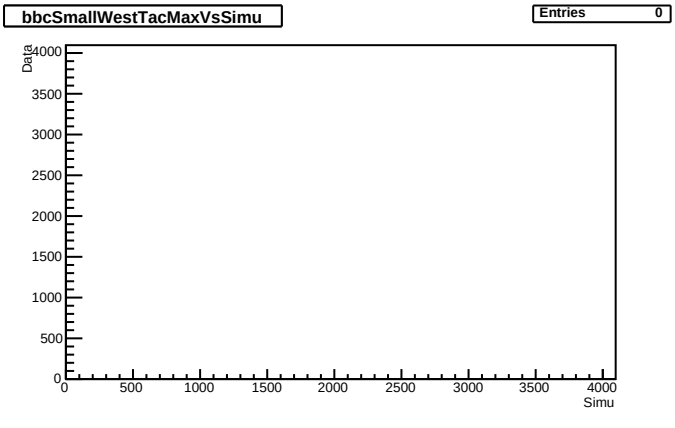
Entries 574288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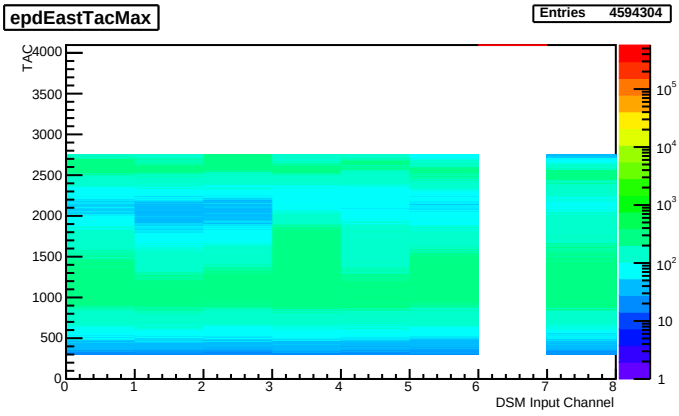
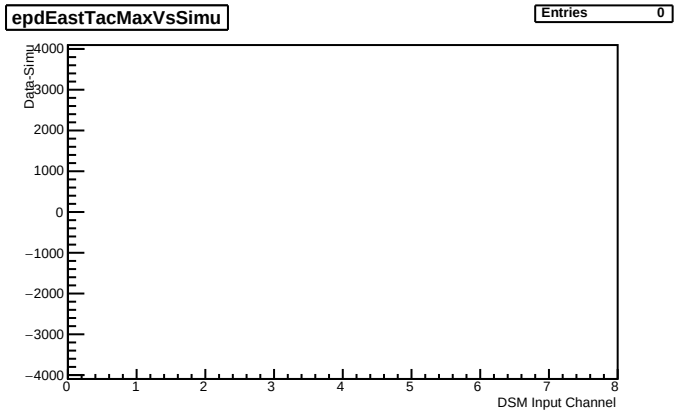
Entries 0
Data
Simu


epdEastTacMax
Entries 4594304
TAC
DSM Input Channel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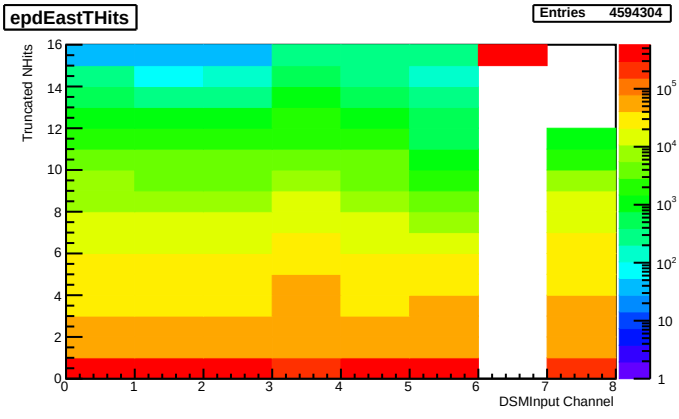
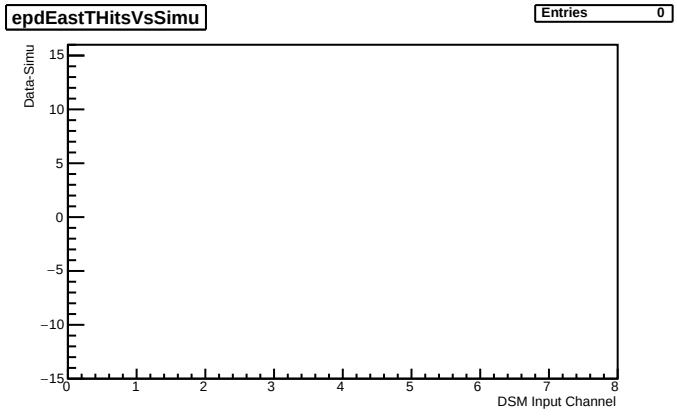
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4594304
Truncated NHits
DSMInput Channel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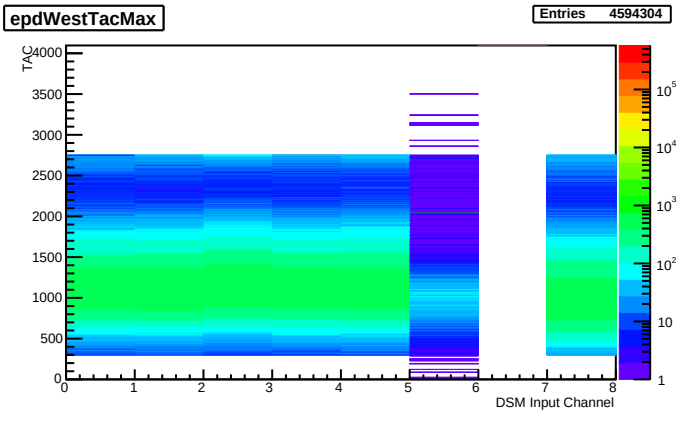
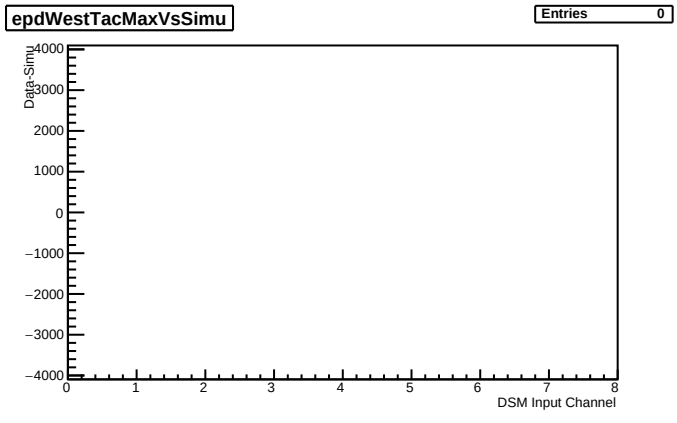
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4594304
TAC
DSM Input Channel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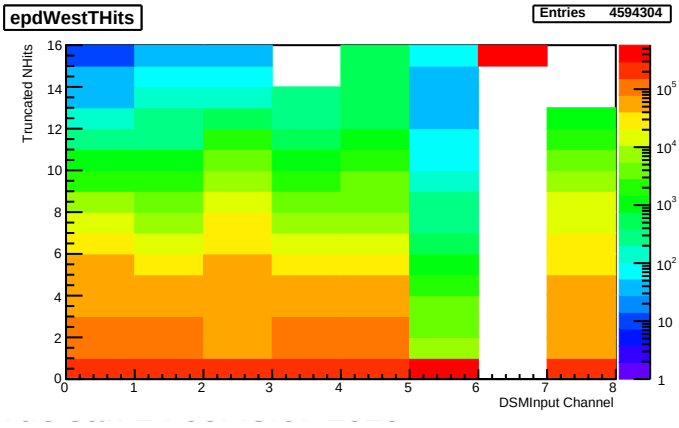
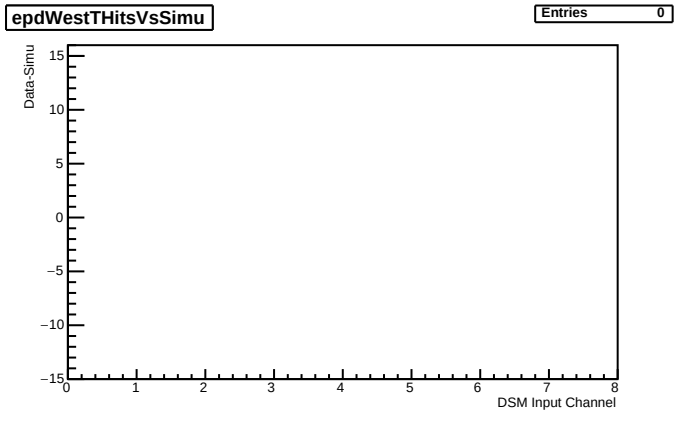
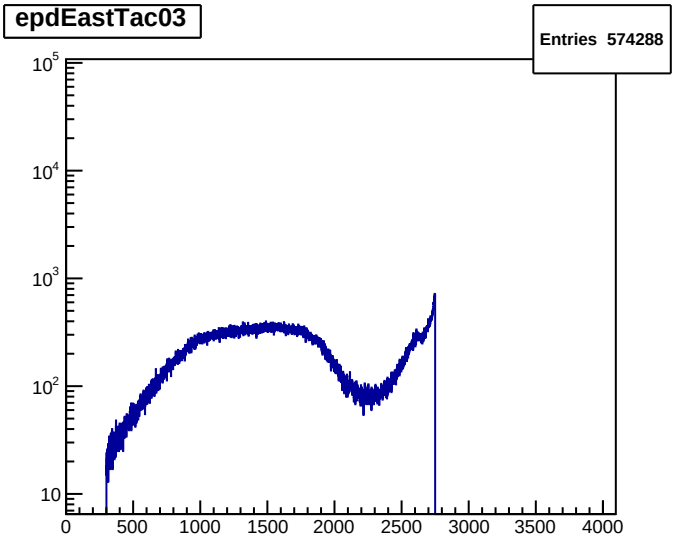
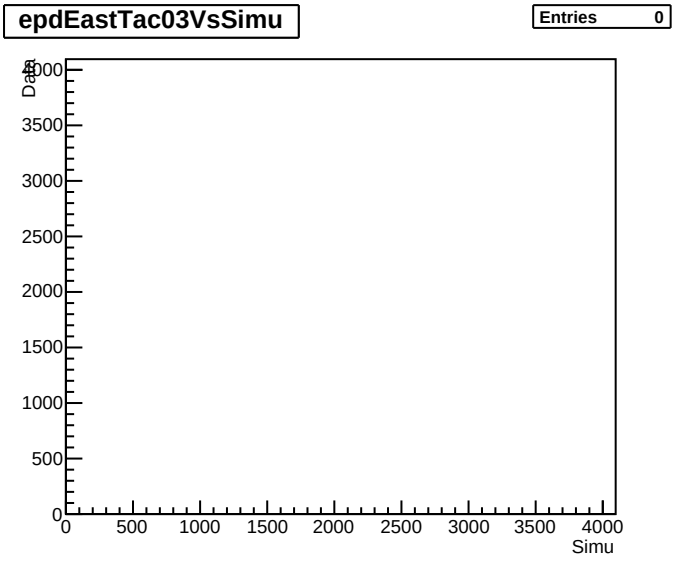
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4594304
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 574288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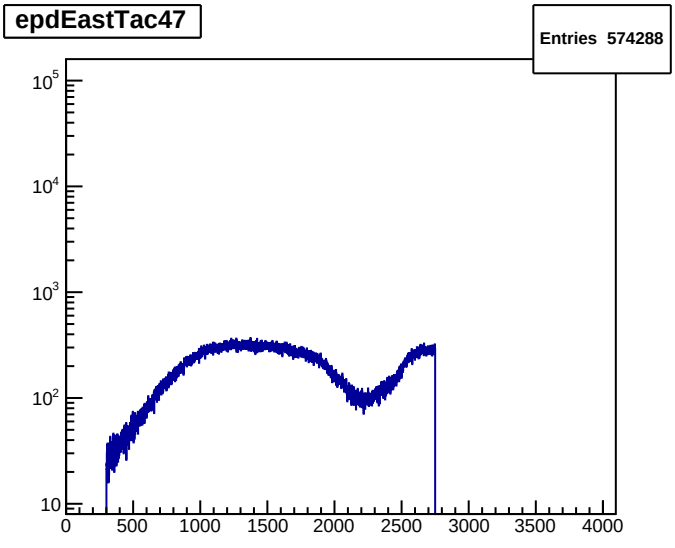
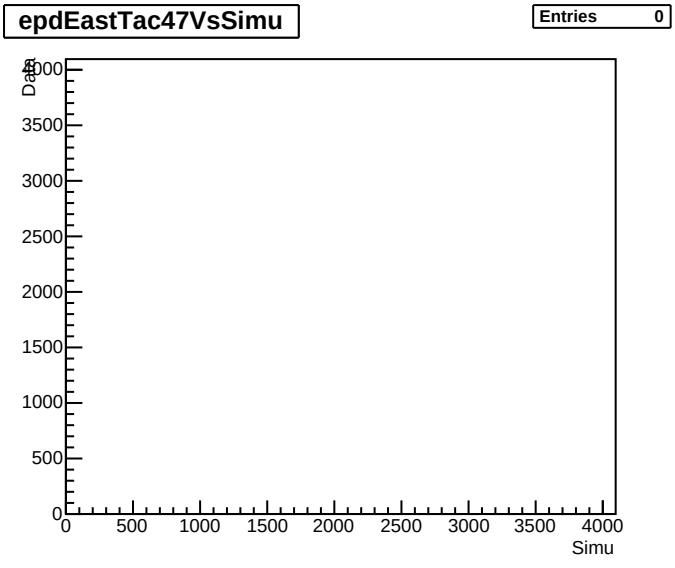
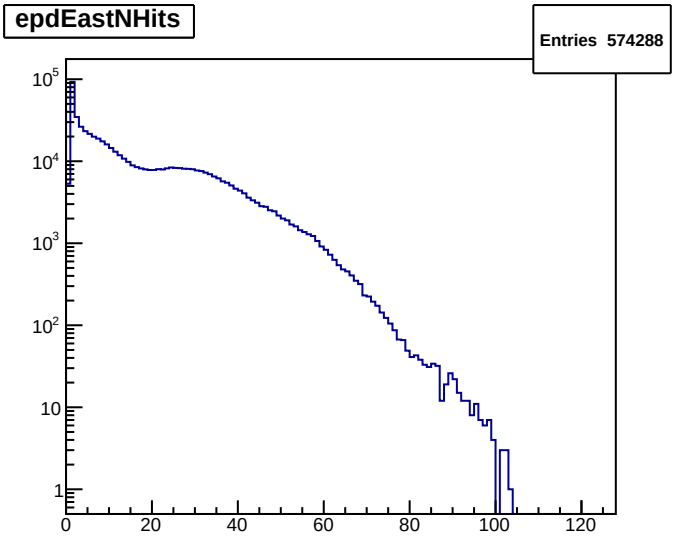
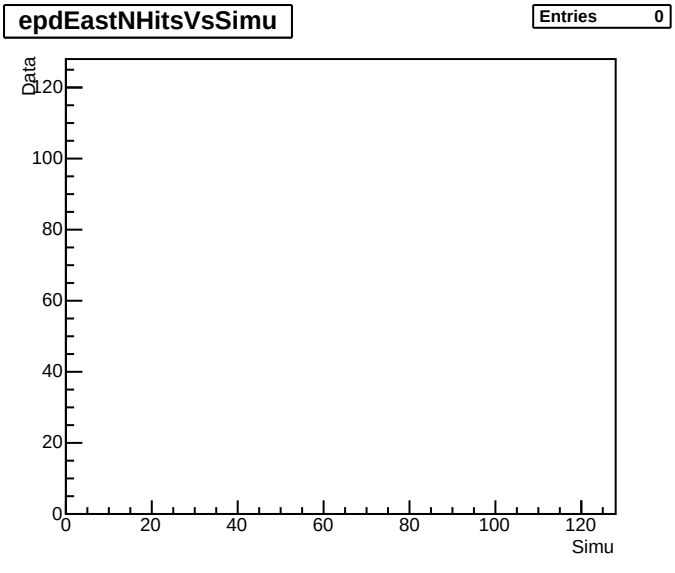
Entries 0
Data
Simu


epdEastTac47
Entries 574288


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 574288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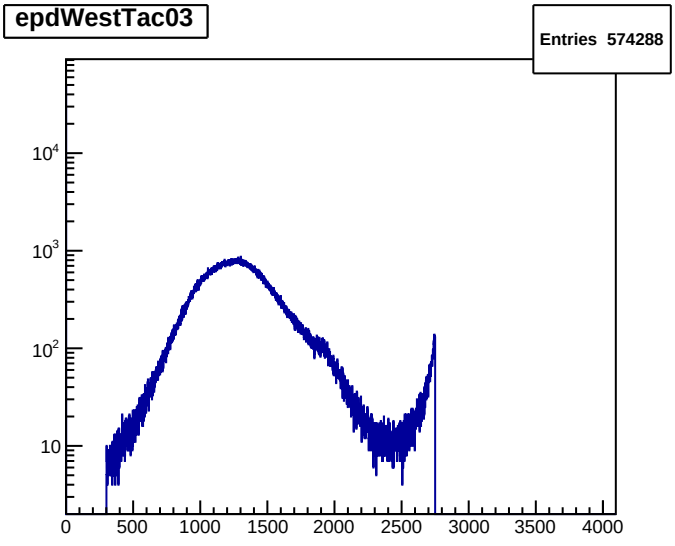
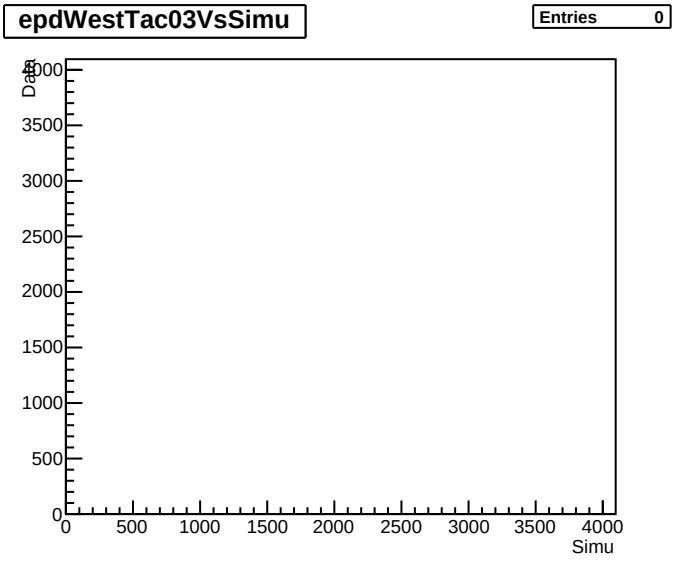
Entries 0
Data
Simu


epdWestTac03
Entries 574288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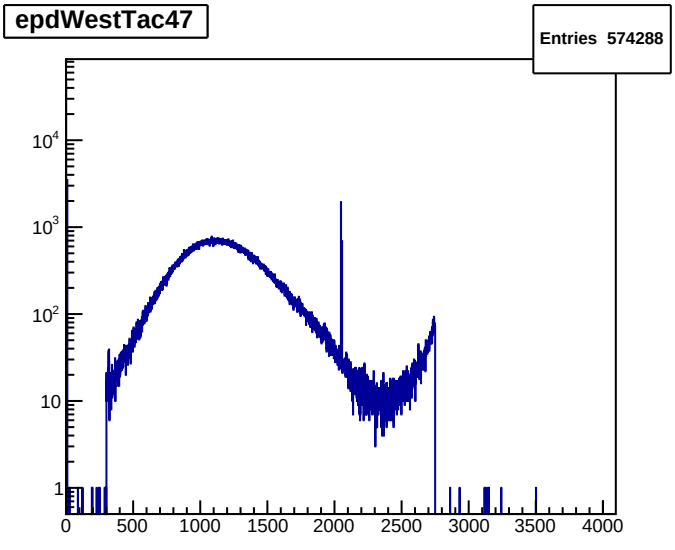
Entries 0
Data
Simu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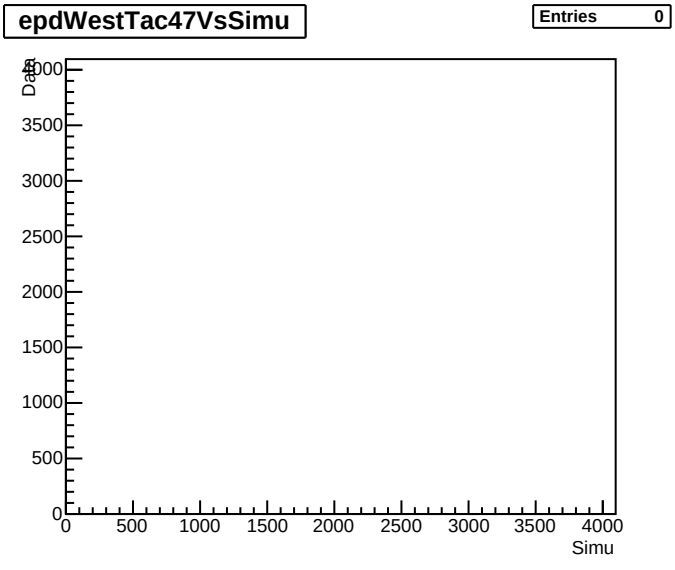
Entries 574288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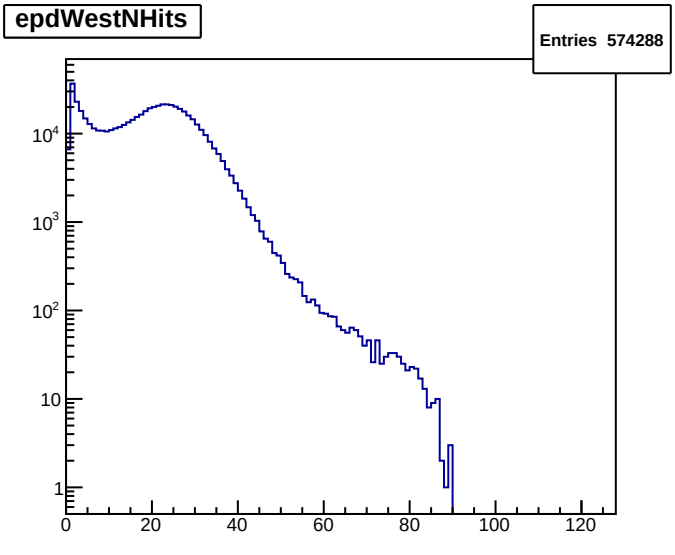
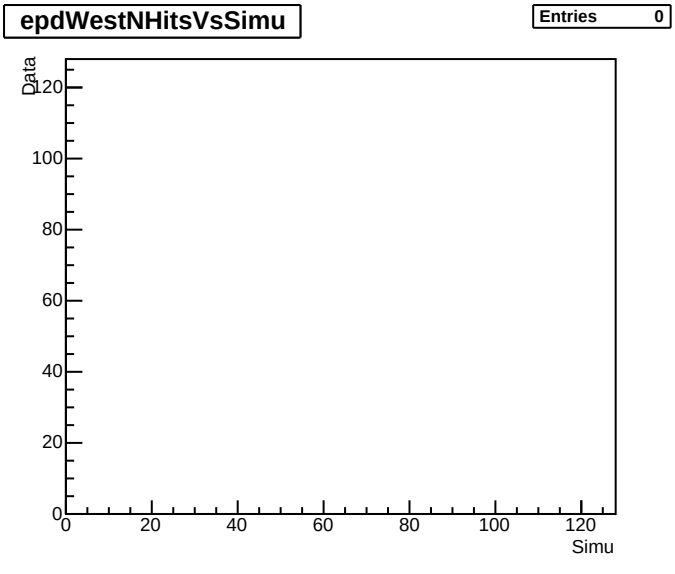
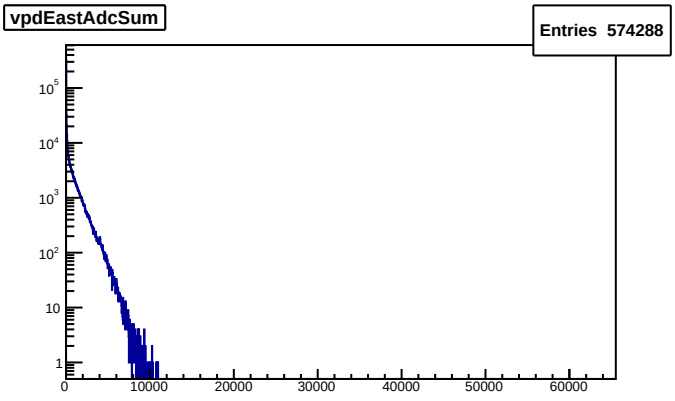
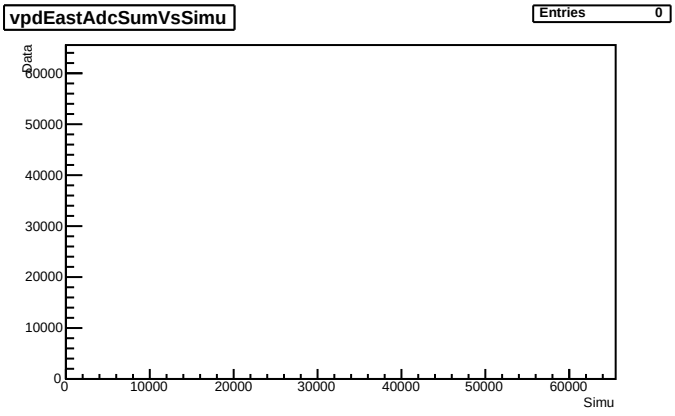
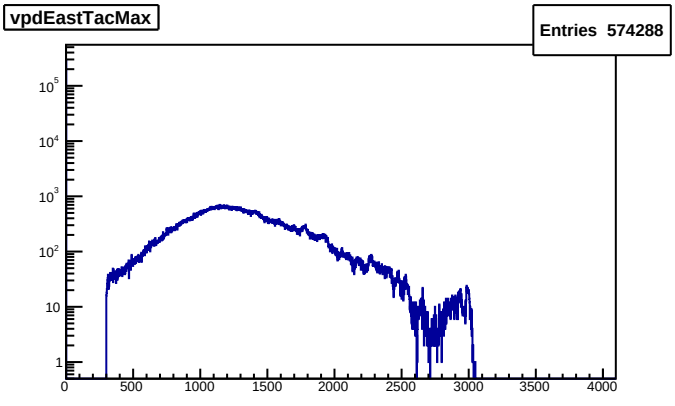
Entries 0
Data
Simu

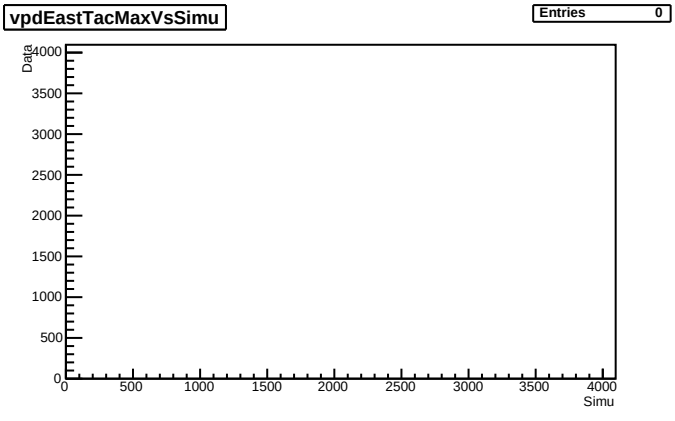

epdWestNHits
Entries 574288

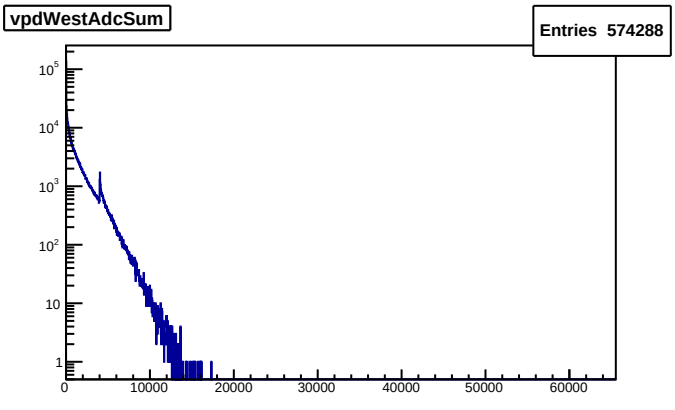

epdWestNHitsVsSimu
Entries 0
Data
Simu

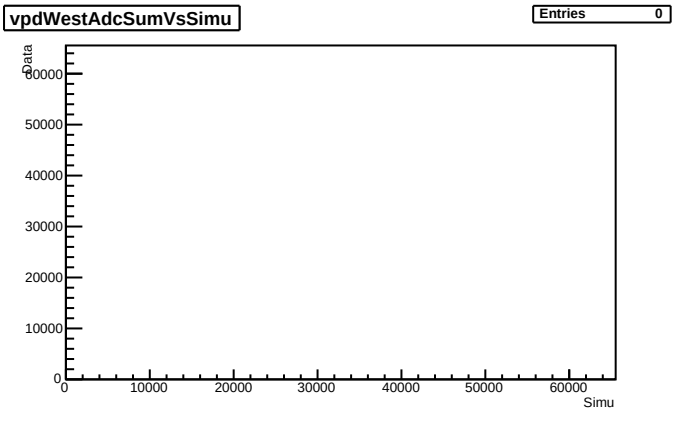

vpdEastAdcSum
Entries 574288

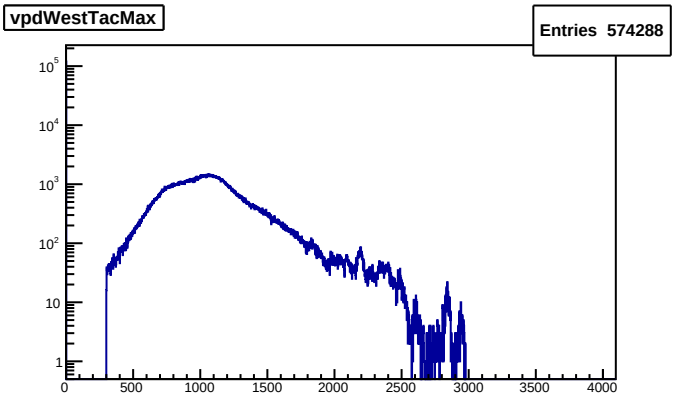

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

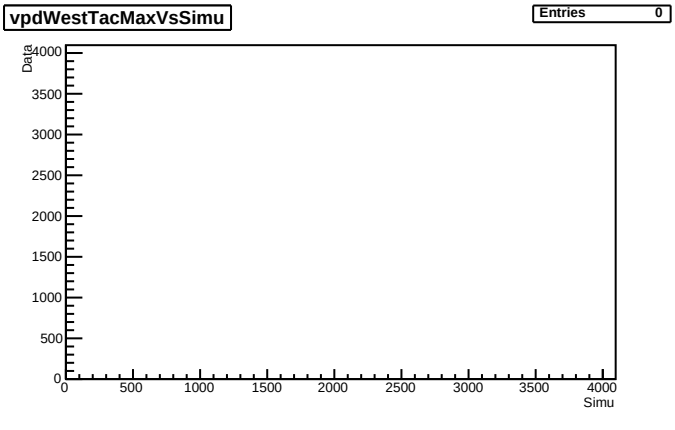

vpdEastTacMax
Entries 574288

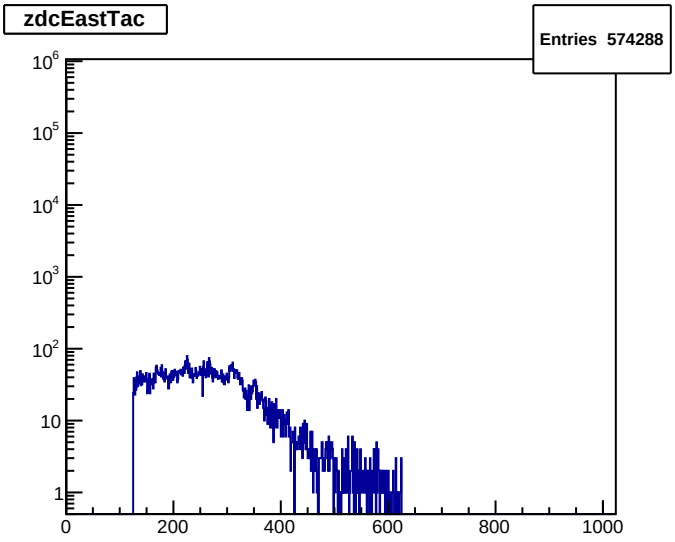

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

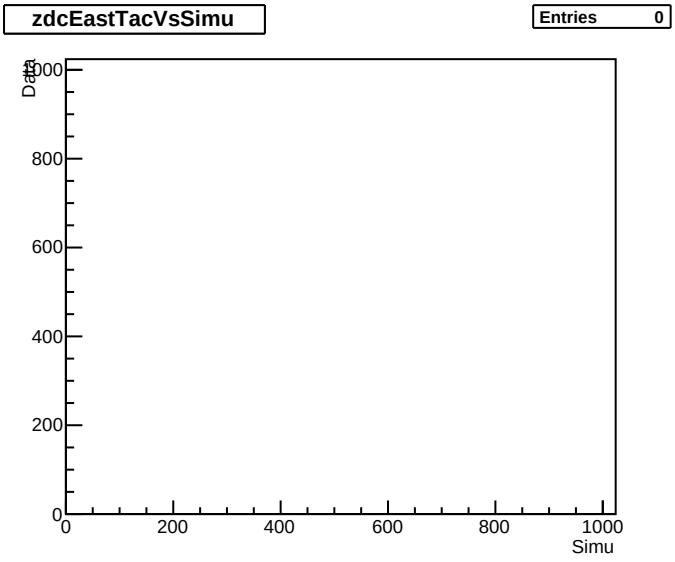

vpdWestAdcSum
Entries 574288

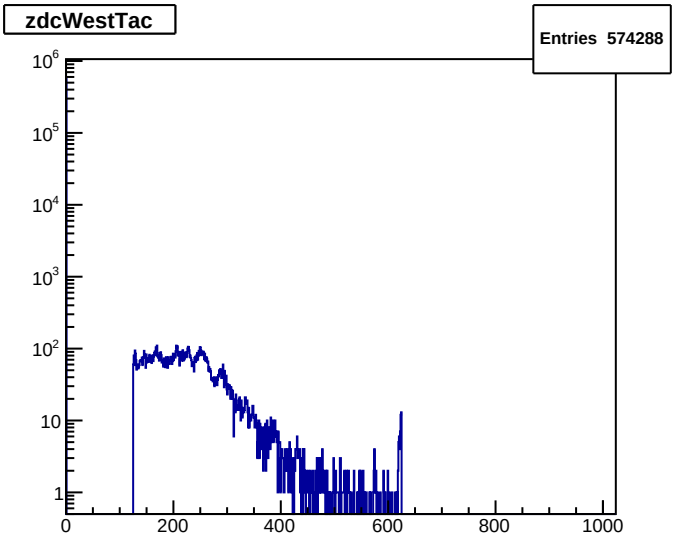

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

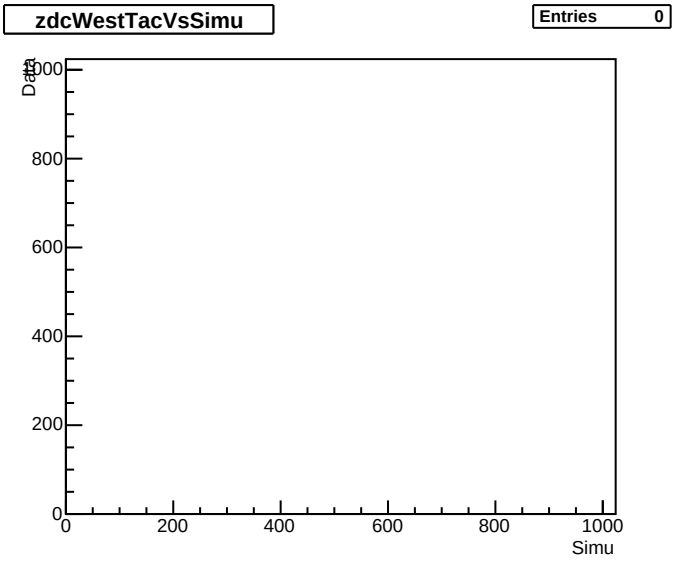

vpdWestTacMax
Entries 574288

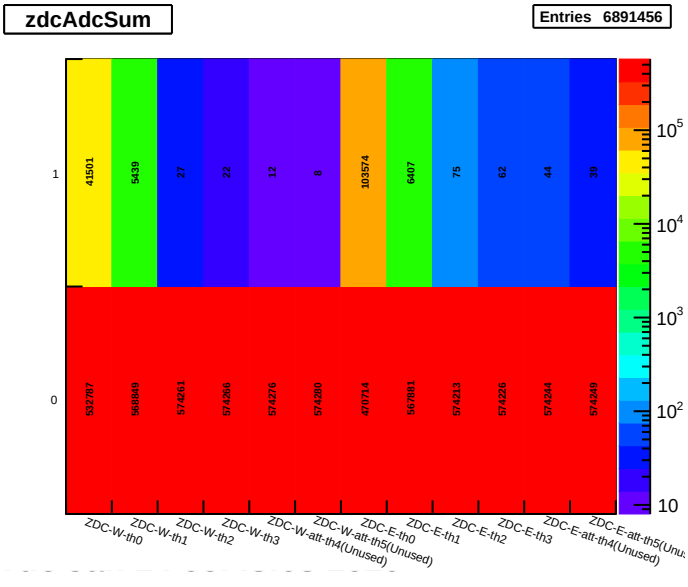

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

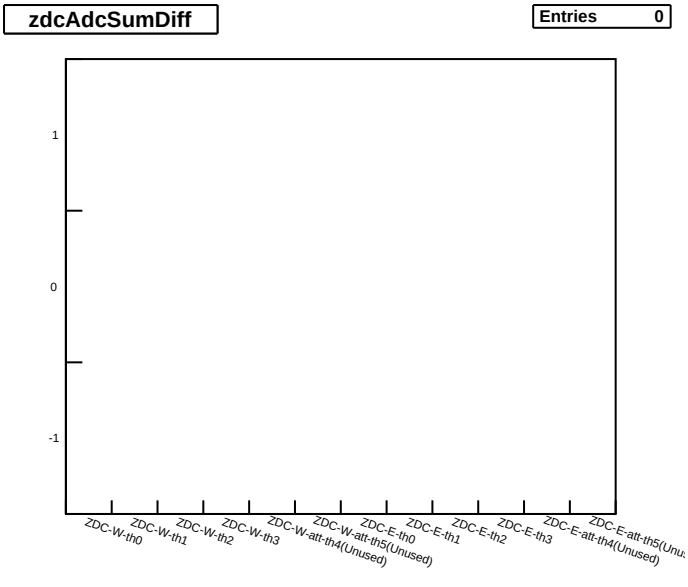

zdcEastTac
Entries 574288

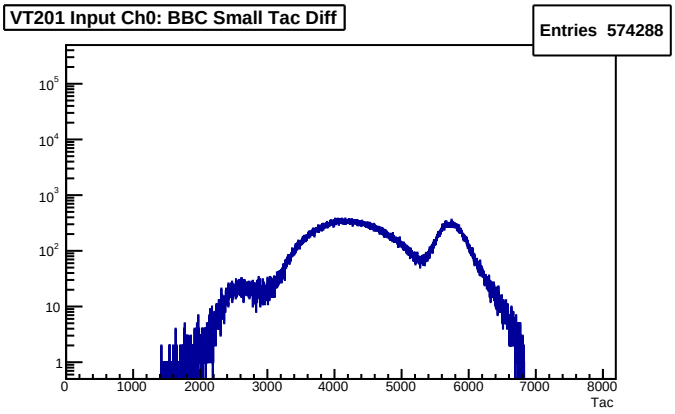

zdcEastTacVsSimu
Entries 0
Data
Simu

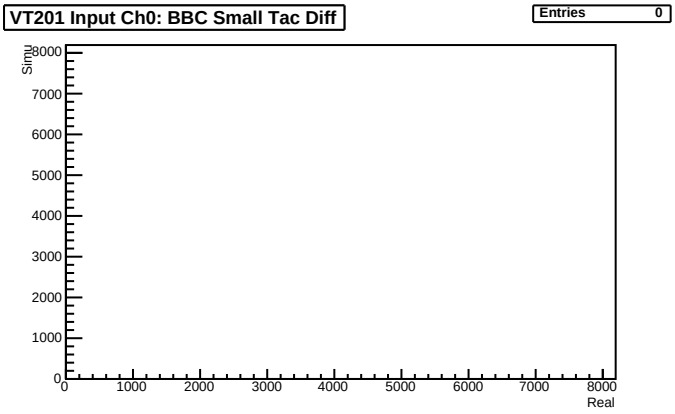

zdcWestTac
Entries 574288

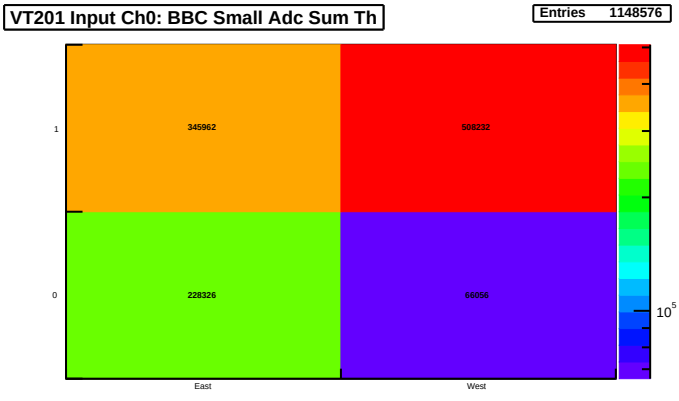

zdcWestTacVsSimu
Entries 0
Data
Simu

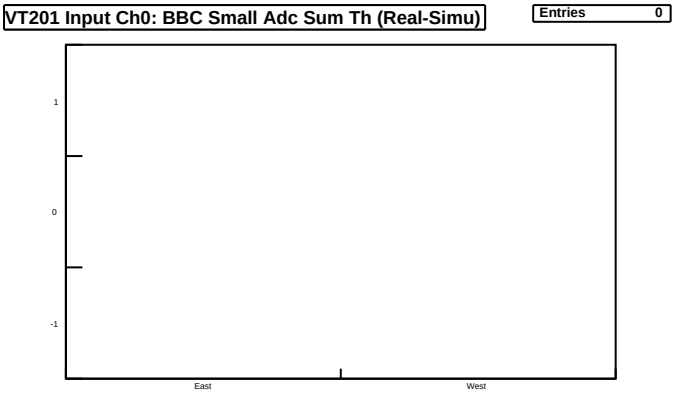

zdcAdcSum
Entries 6891456
41501
5439
27
22
12
8
103574
6407
75
62
44
39
532787
568849
574261
574266
574276
574280
470714
567881
574213
574226
574244
574249
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

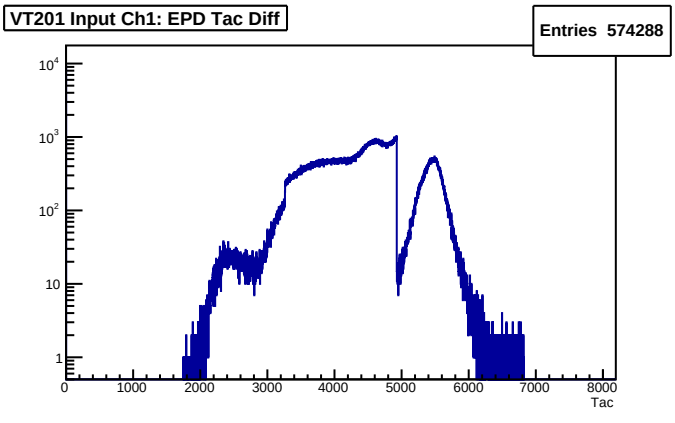

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

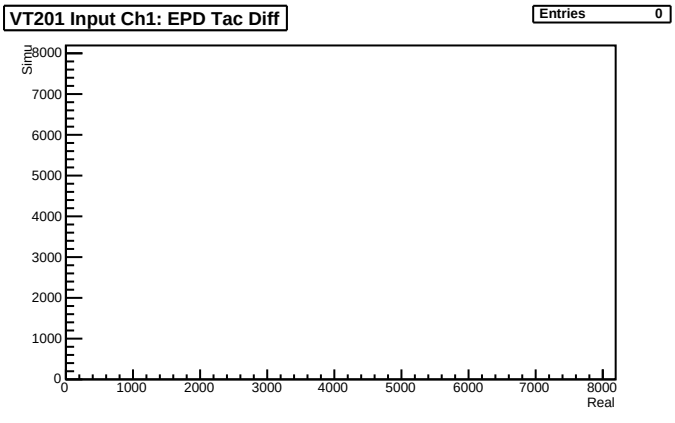

VT201 Input Ch0: BBC Small Tac Diff
Entries 574288
Tac

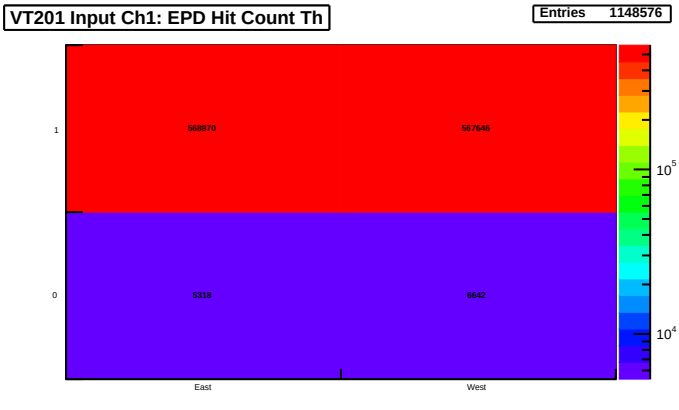

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

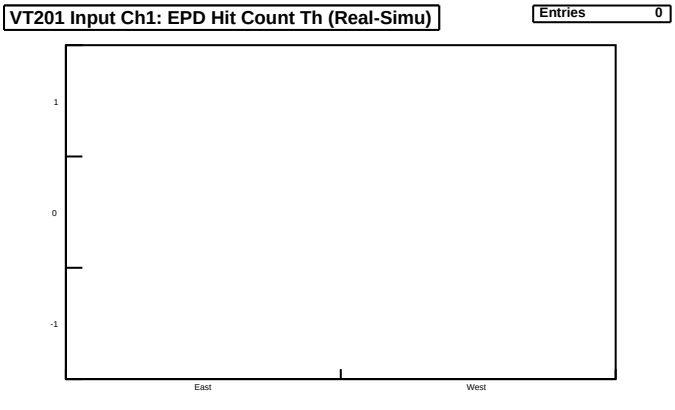

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1148576
345962
508232
228326
66056
East
West

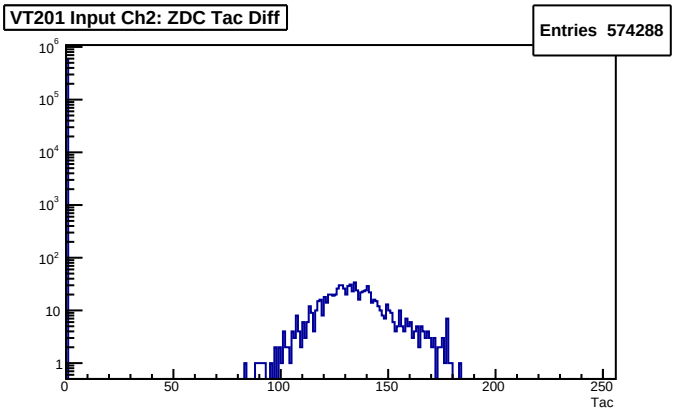

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

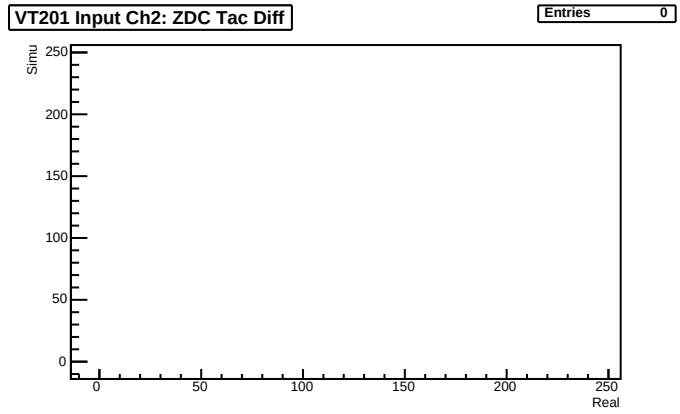

VT201 Input Ch1: EPD Tac Diff
Entries 574288
Tac

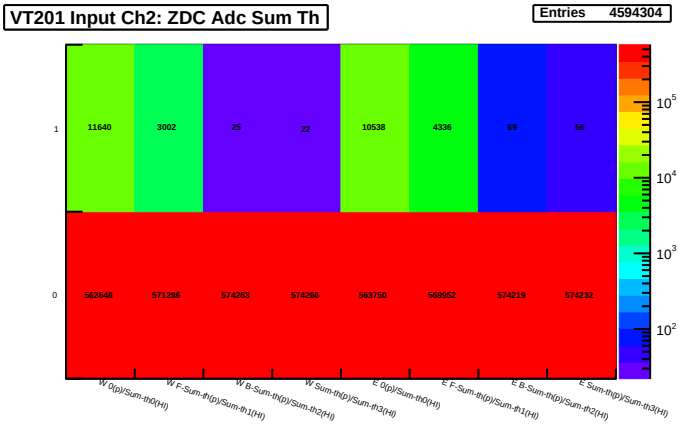

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

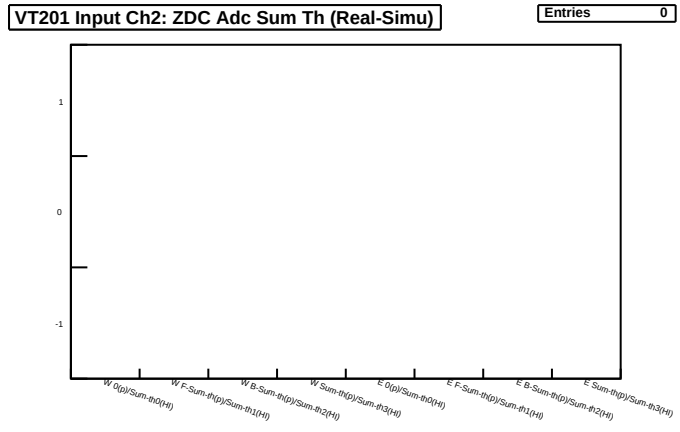

VT201 Input Ch1: EPD Hit Count Th
Entries 1148576
568970
567646
5318
6642
East
West

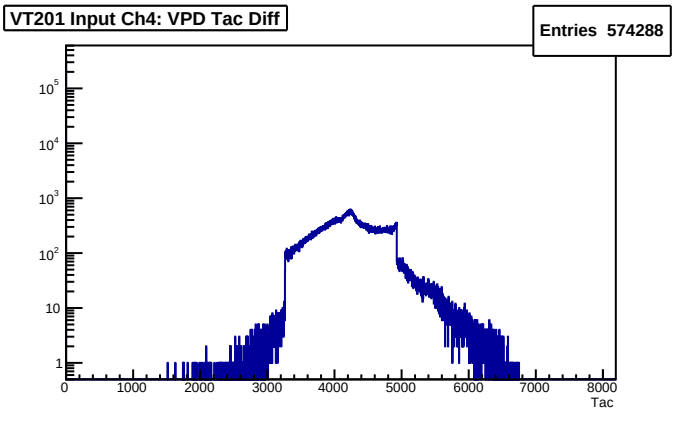

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

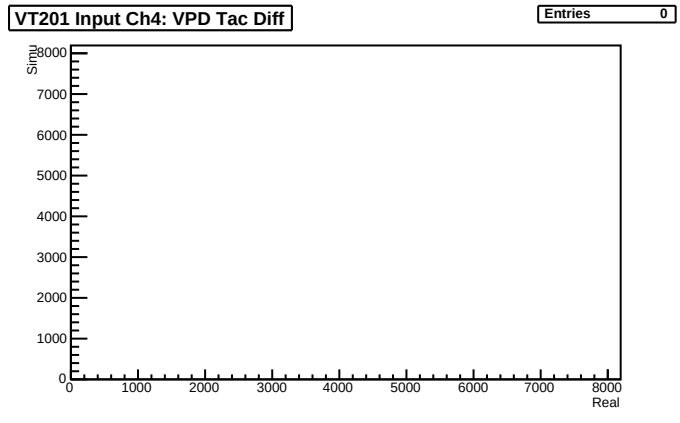

VT201 Input Ch2: ZDC Tac Diff
Entries 574288
Tac

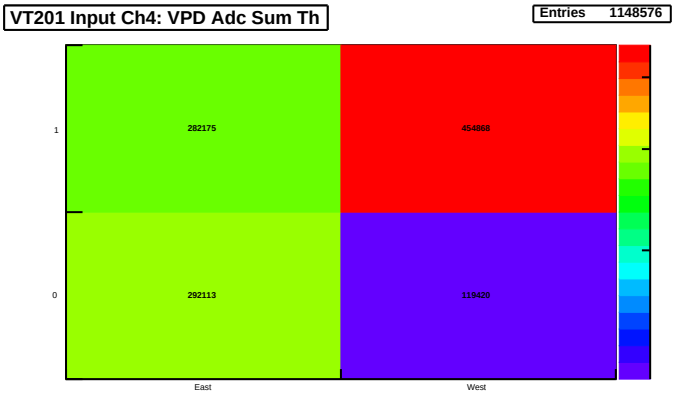

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

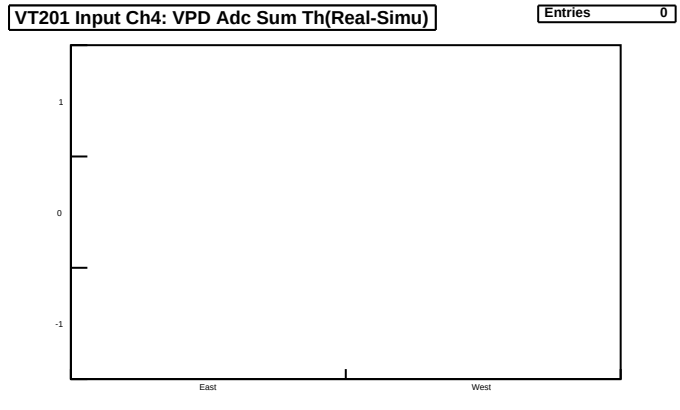

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4594304
11640
3002
25
22
10538
4336
69
56
562648
571286
574263
574266
563750
569952
574219
574232
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

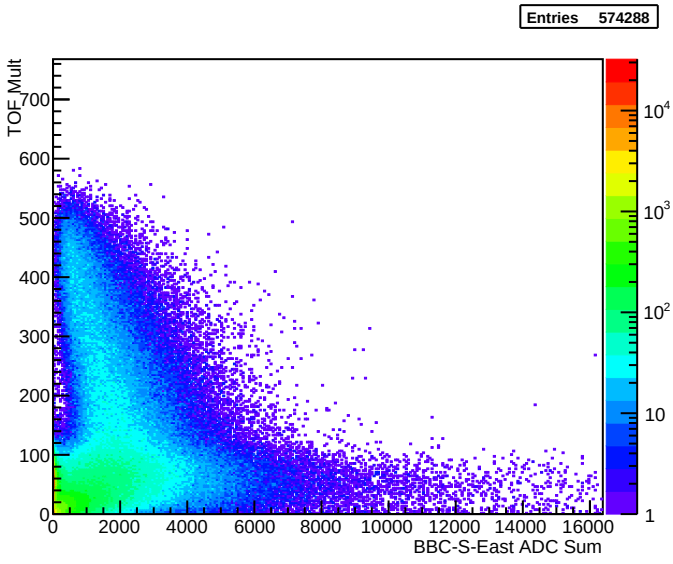

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

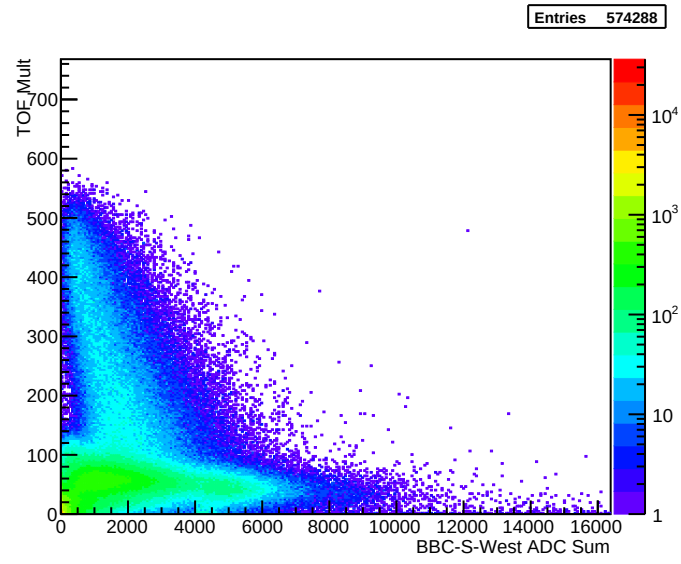

VT201 Input Ch4: VPD Tac Diff
Entries 574288
Tac

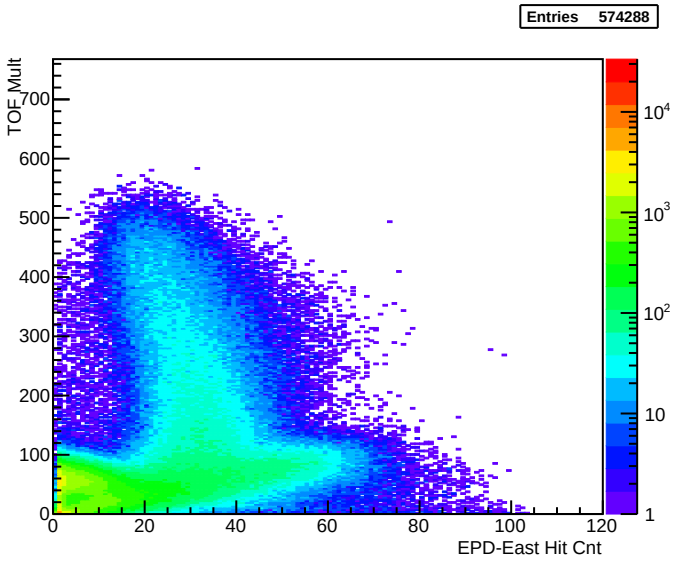

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

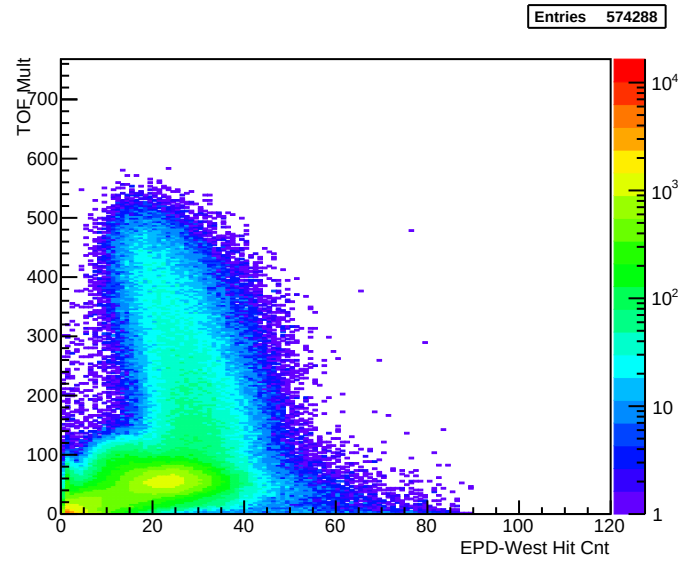

VT201 Input Ch4: VPD Adc Sum Th
Entries 1148576
282175
454868
292113
119420
East
West

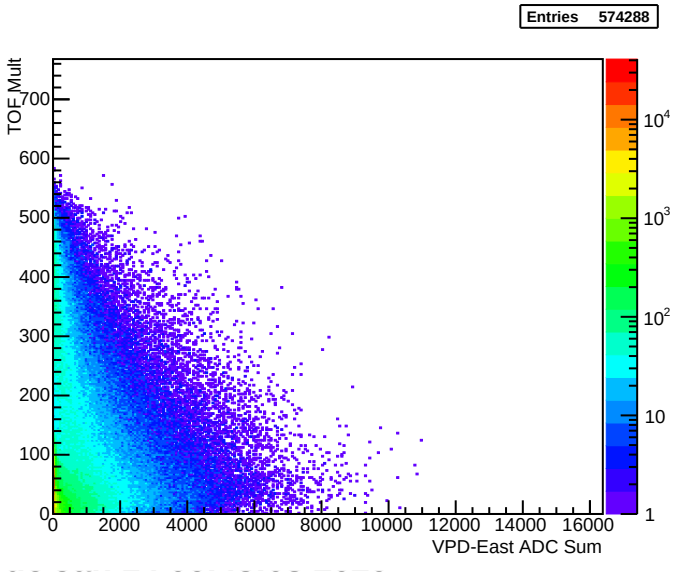

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

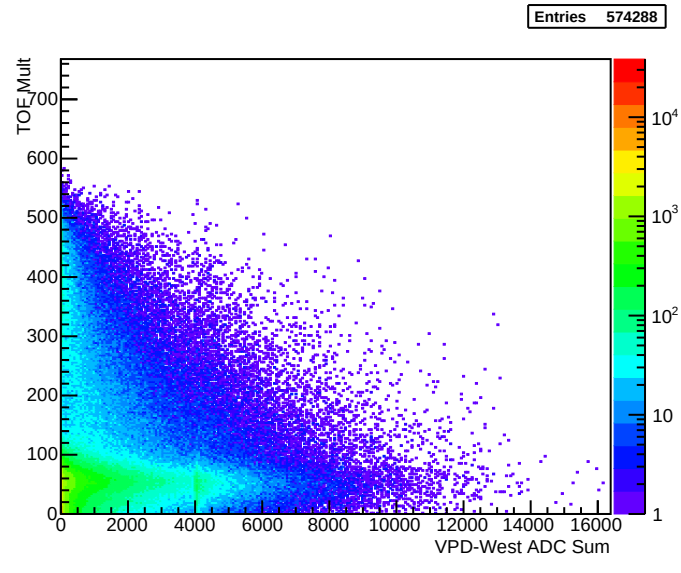

Entries 574288
TOF_Mult
BBC-S-East ADC Sum

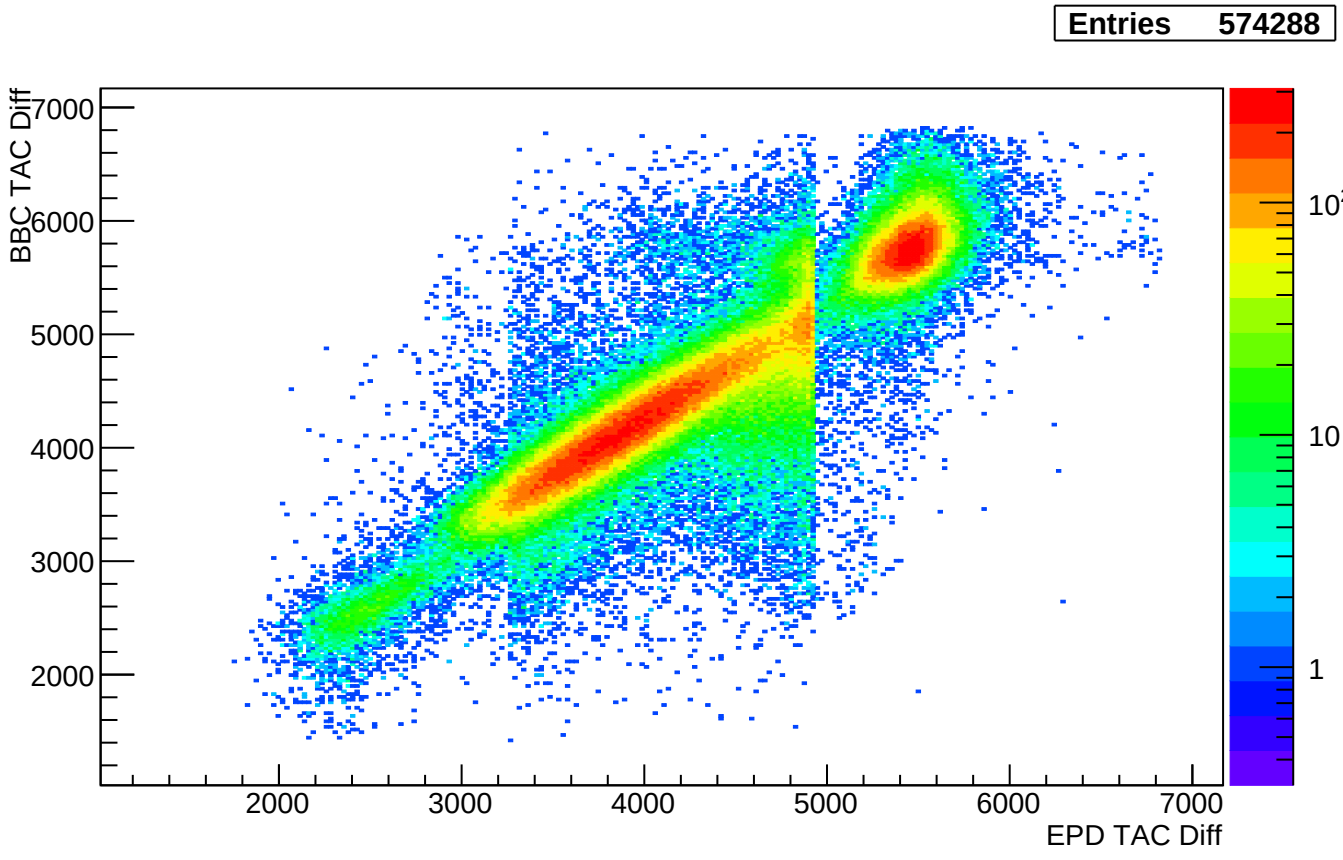

Entries 574288
TOF_Mult
BBC-S-West ADC Sum

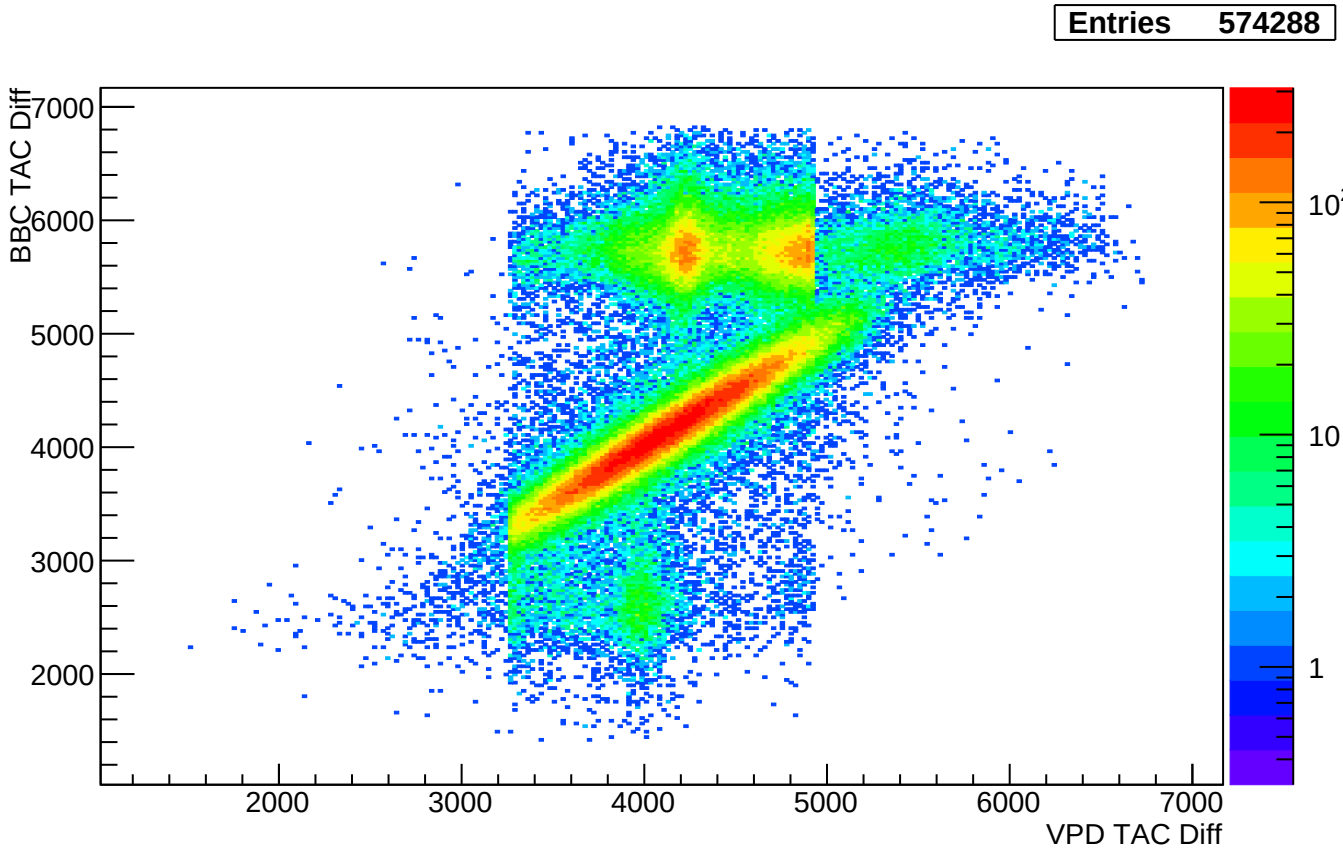

Entries 574288
TOF_Mult
EPD-East Hit Cnt

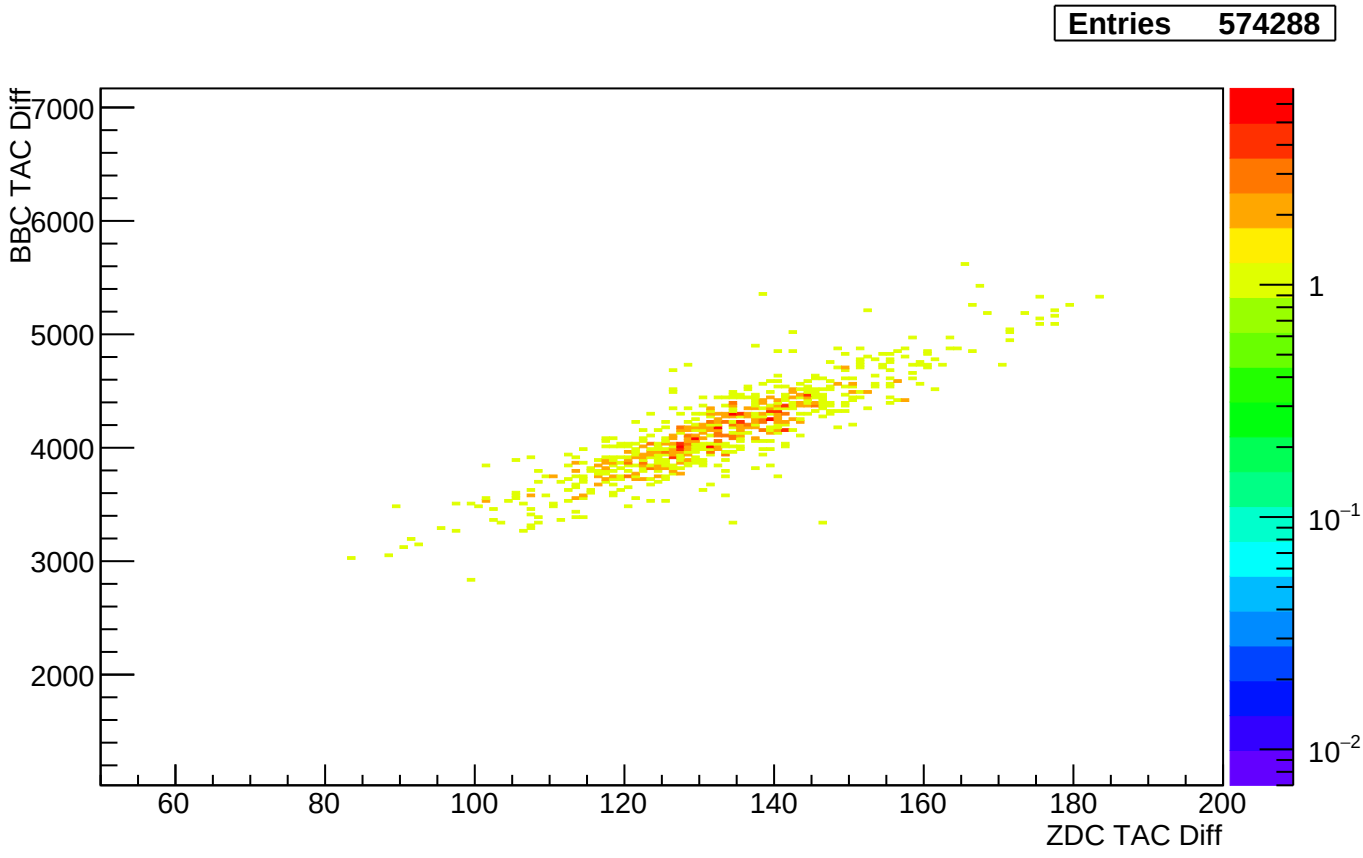

Entries 574288
TOF_Mult
EPD-West Hit Cnt

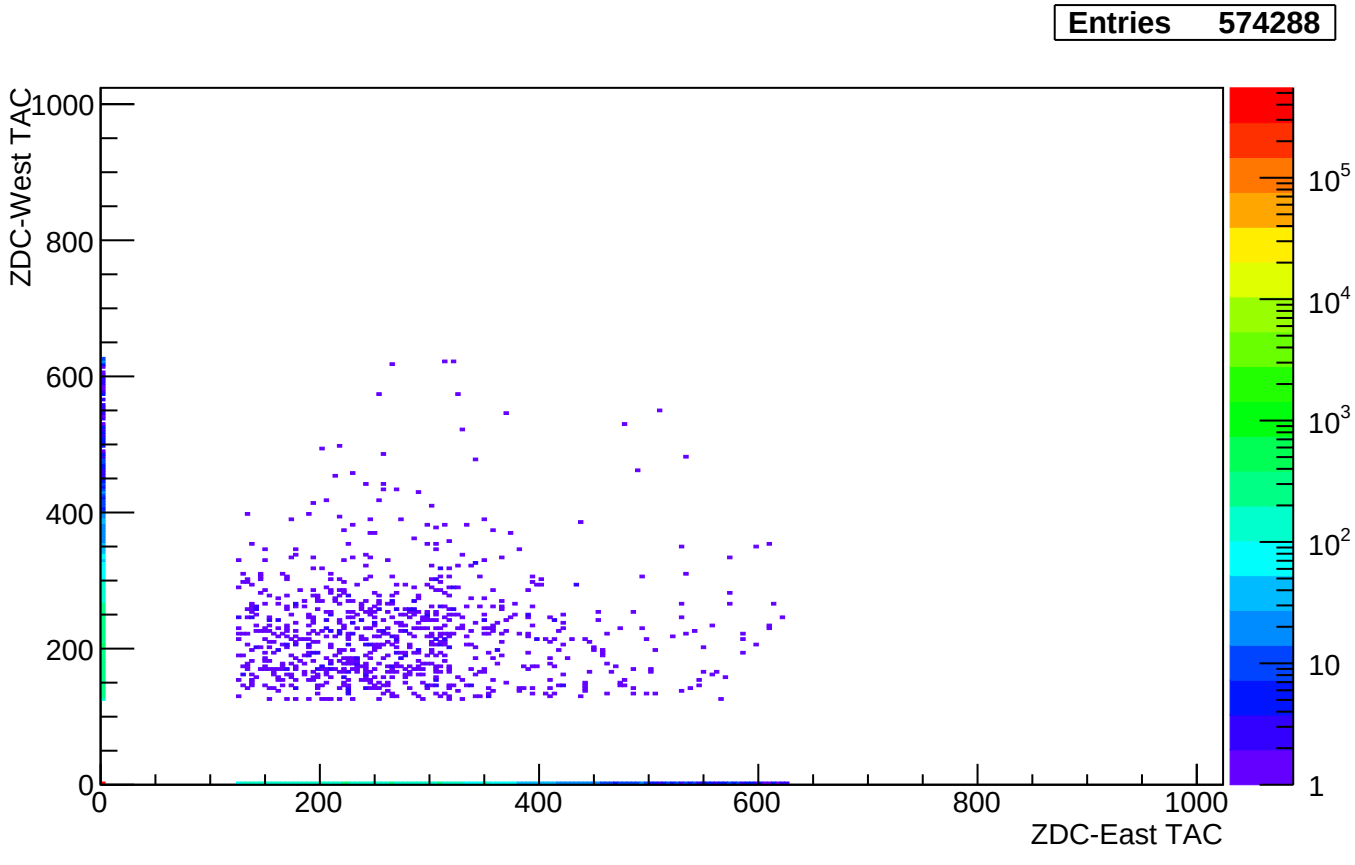

Entries 574288
TOF_Mult
VPD-East ADC Sum

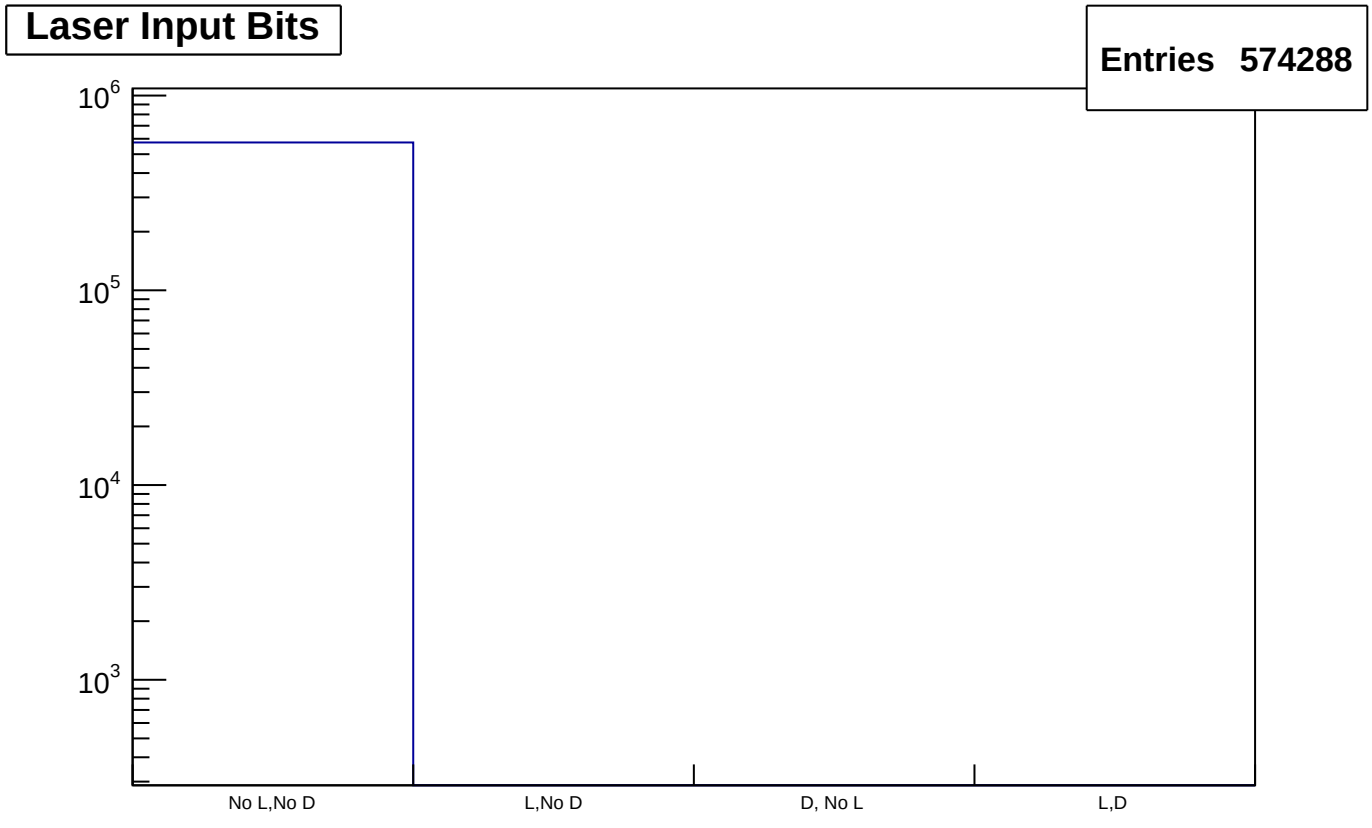

Entries 574288
TOF_Mult
VPD-West ADC Sum

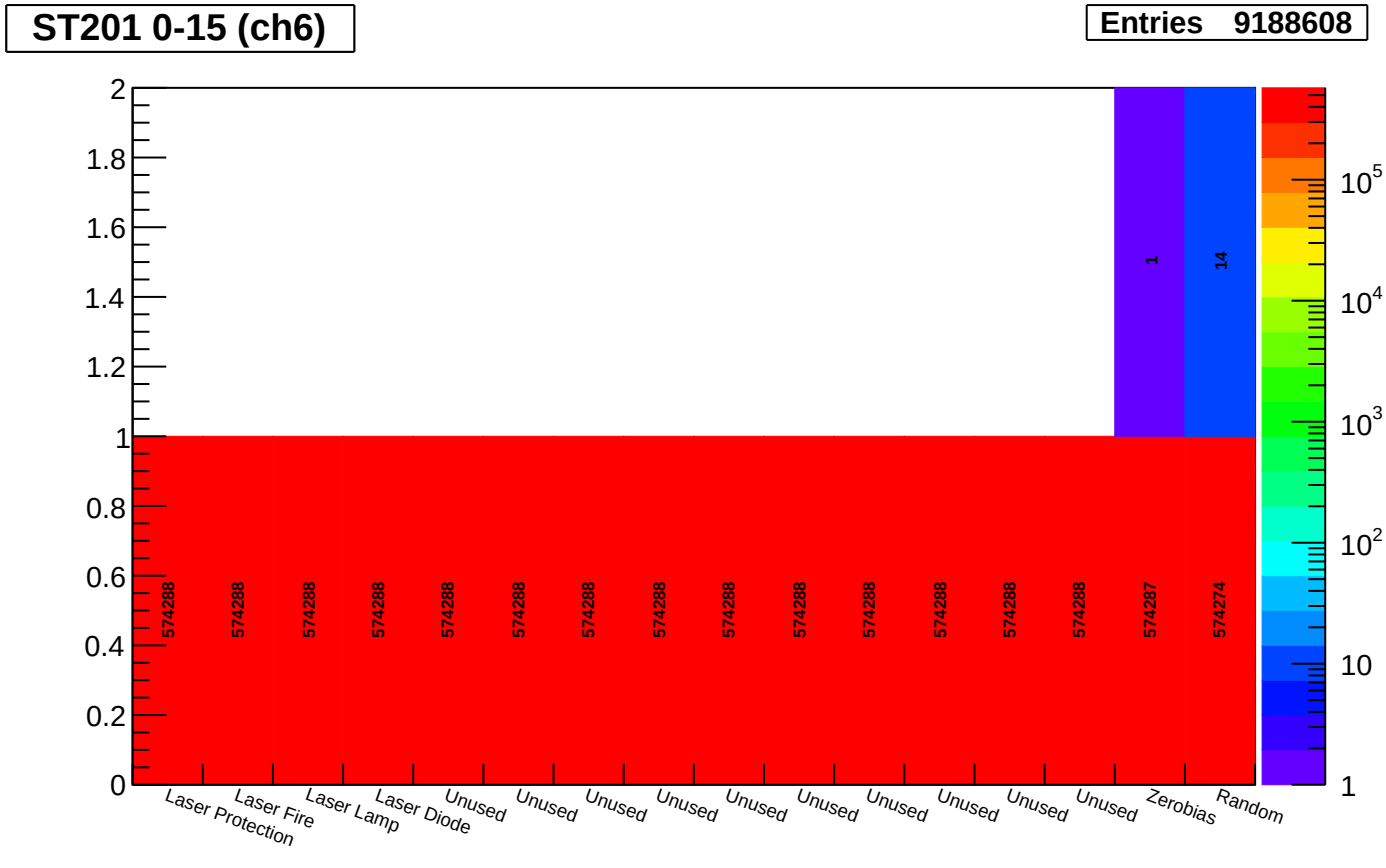

Entries 574288
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

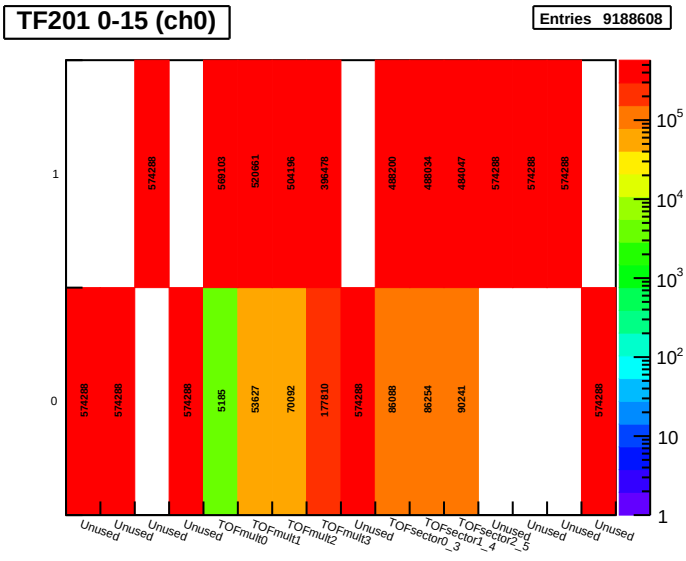

Entries 574288
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

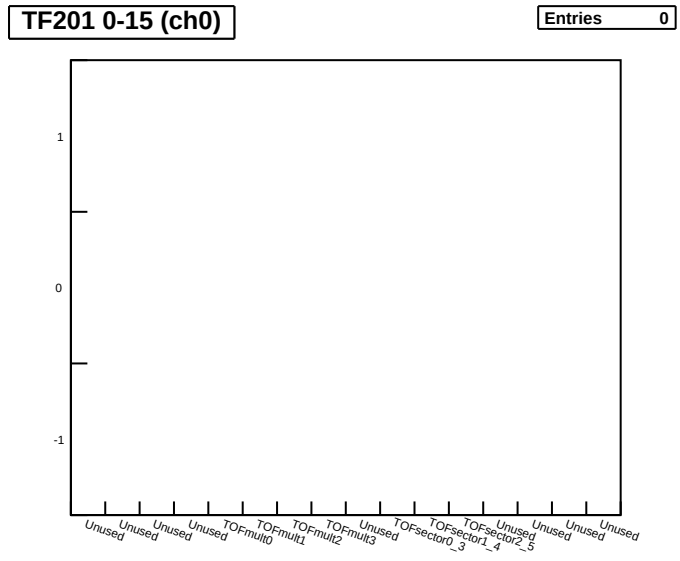

Entries 574288
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

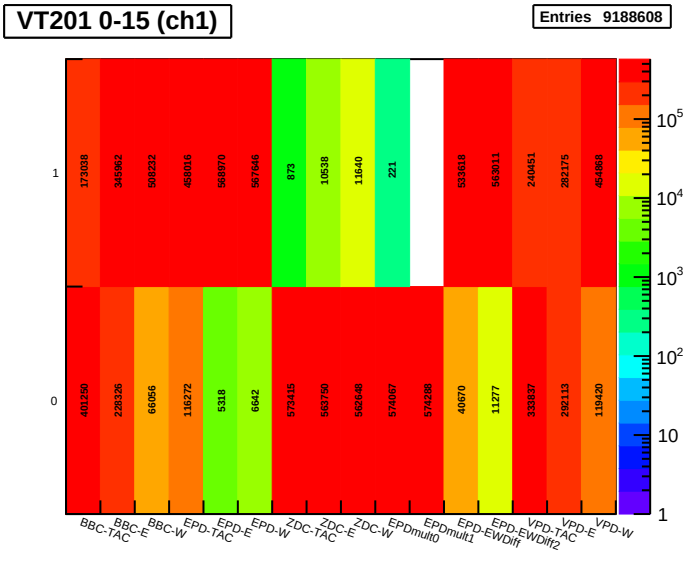

Entries 574288
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

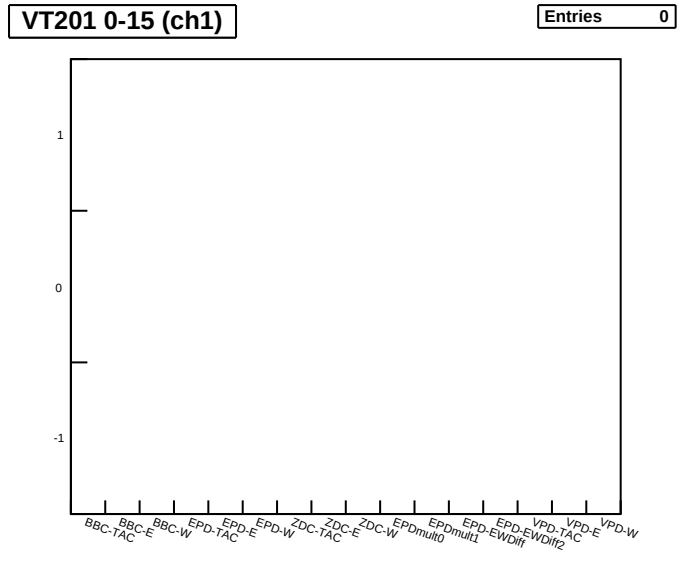

Laser Input Bits
Entries 574288
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

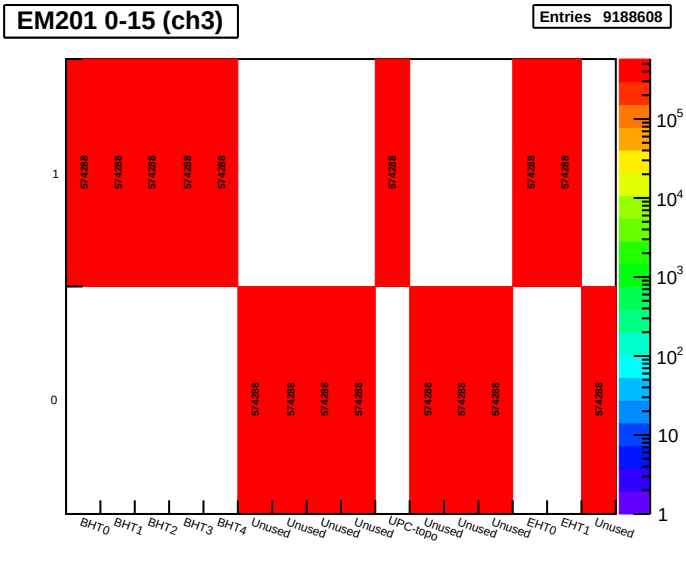

ST201 0-15 (ch6)
Entries 9188608
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574287
574274
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

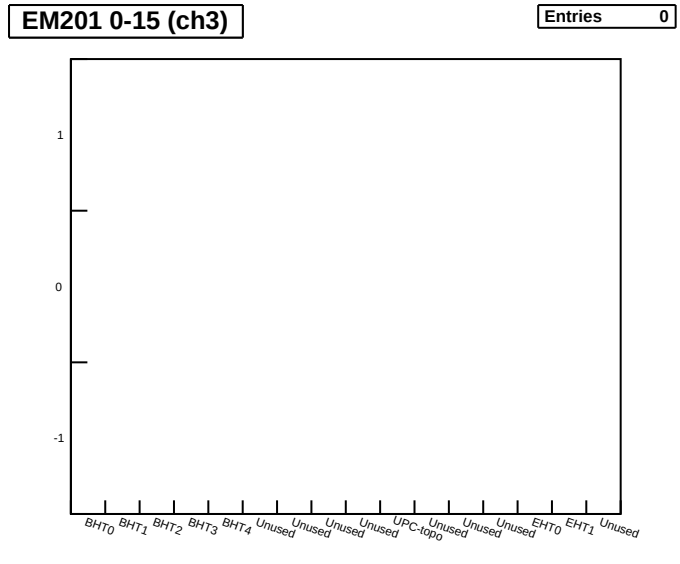

TF201 0-15 (ch0)
Entries 9188608
1
0
574288
569103
520661
504195
396478
488200
488034
484047
574288
574288
574288
574288
574288
5185
53627
70092
177810
574288
86088
86254
90241
574288
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 9188608
1
0
173038
345952
508232
458016
568970
567646
873
10538
11640
221
533618
563011
240451
282175
454368
401250
228326
66056
116272
5318
6642
573415
563750
562648
574067
574288
40670
11277
333837
282113
119420
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 9188608
1
0
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
574288
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