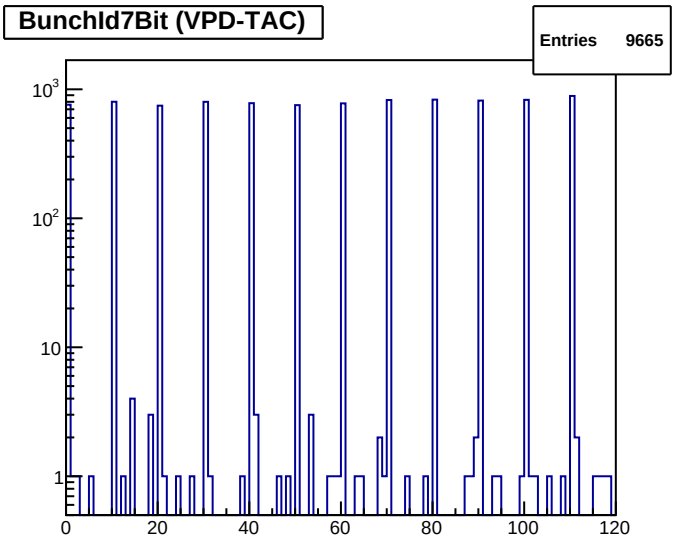
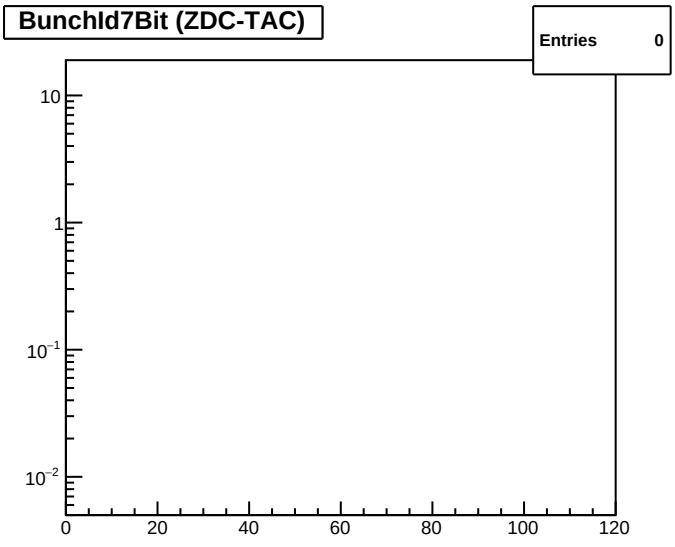
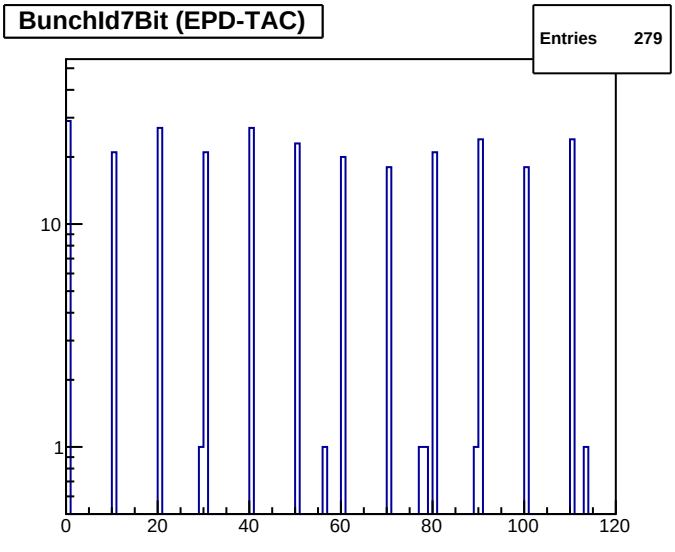
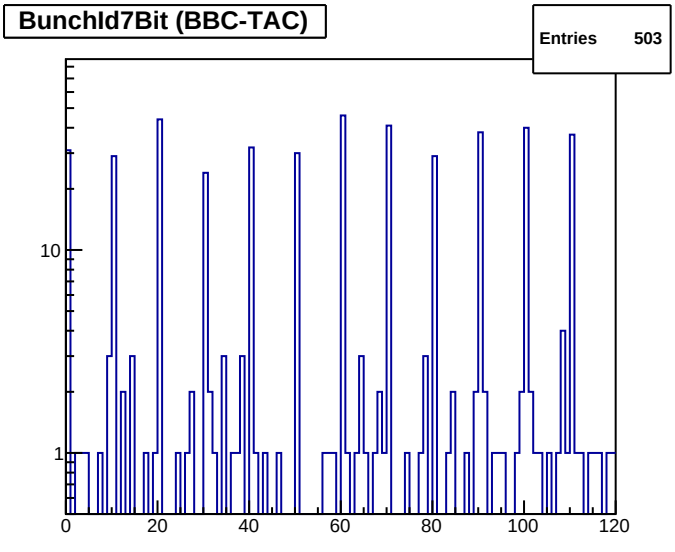
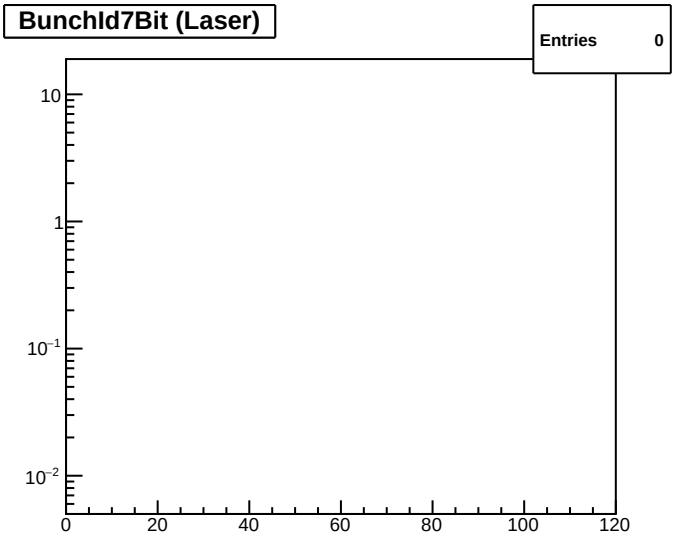
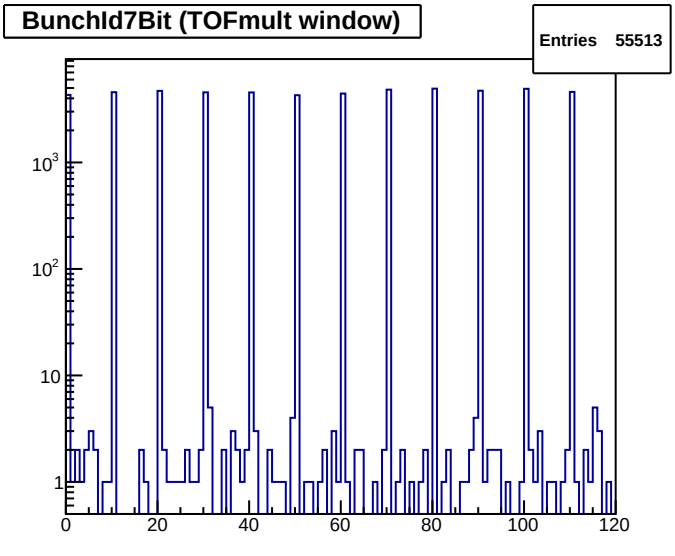

BunchId7Bit (VPD-TAC)
Entries 9665

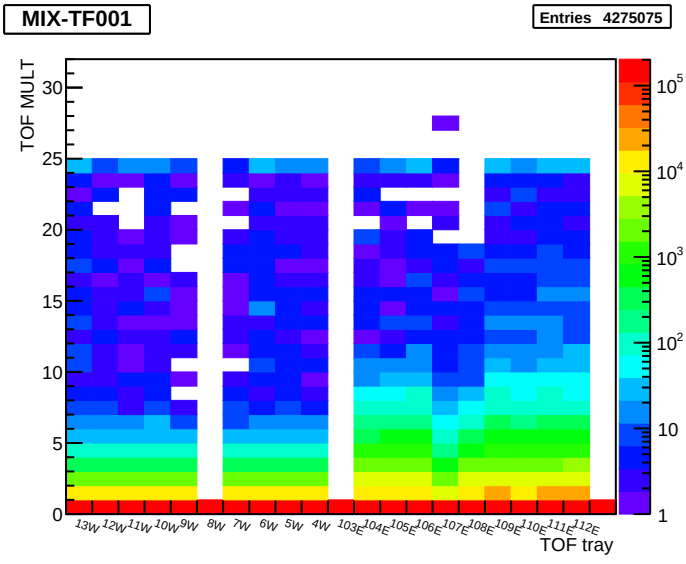

BunchId7Bit (ZDC-TAC)
Entries 0

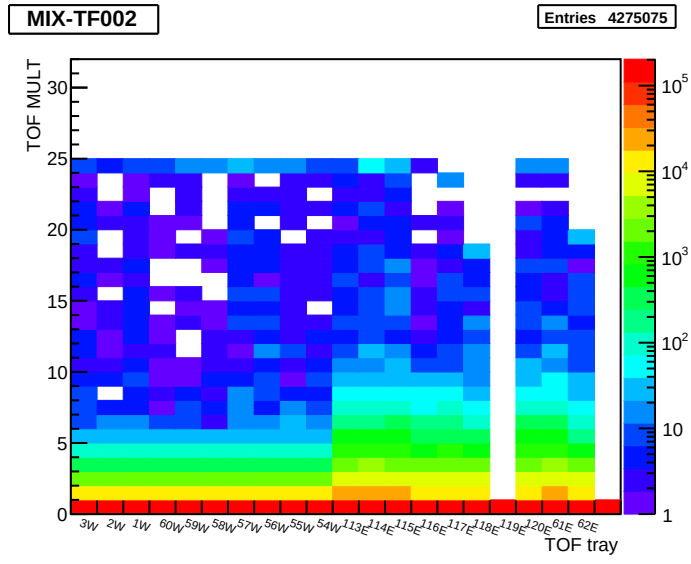

BunchId7Bit (EPD-TAC)
Entries 279

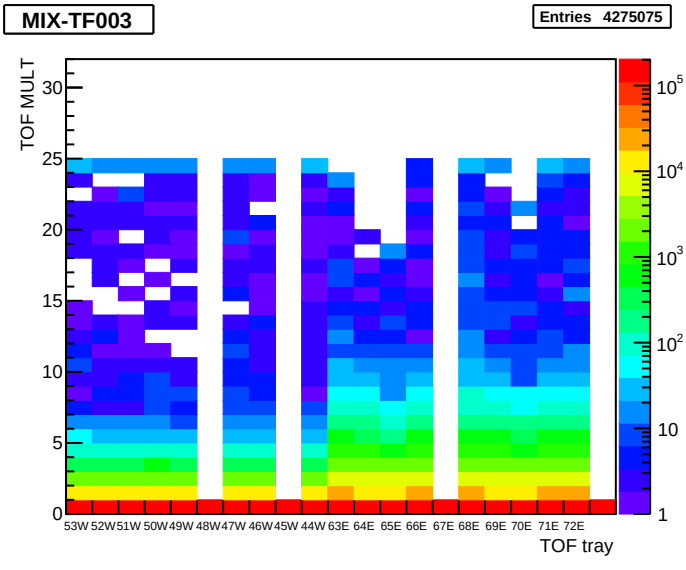

BunchId7Bit (BBC-TAC)
Entries 503

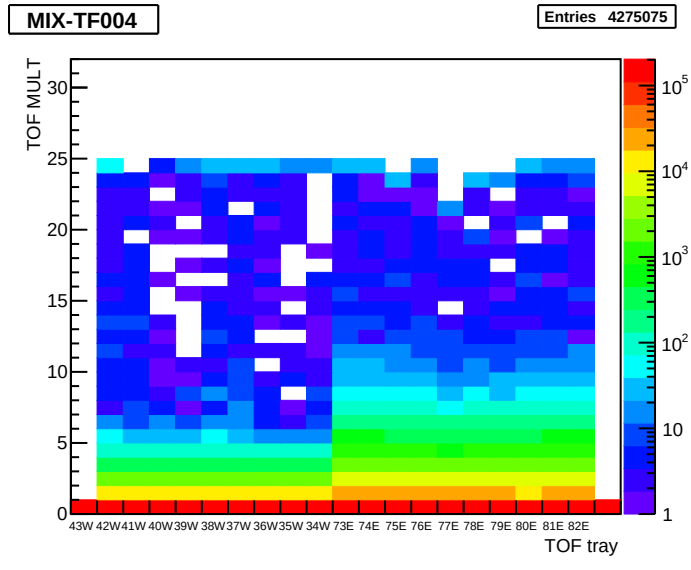

BunchId7Bit (Laser)
Entries 0

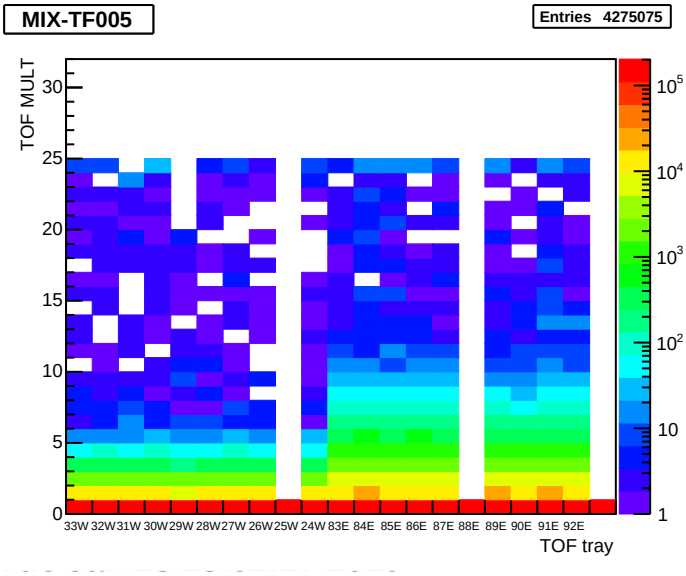

BunchId7Bit (TOFmult window)
Entries 55513

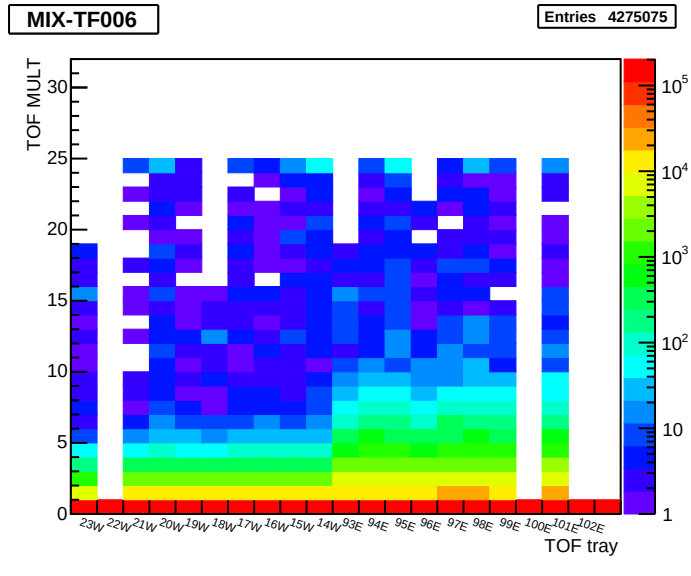

MIX-TF001
Entries 4275075
TOF MULT
TOF tray

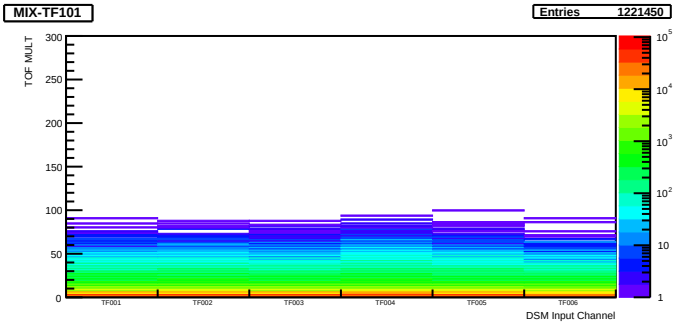

MIX-TF002
Entries 4275075
TOF MULT
TOF tray

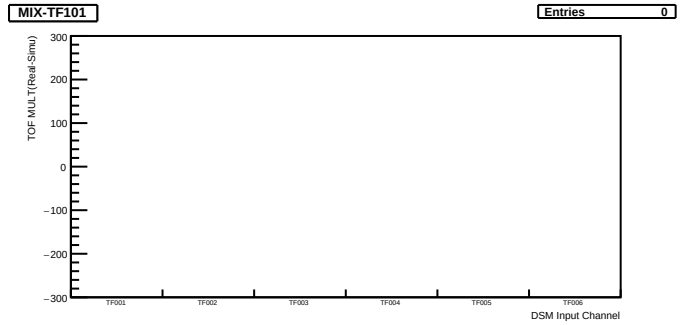

MIX-TF003
Entries 4275075
TOF MULT
TOF tray

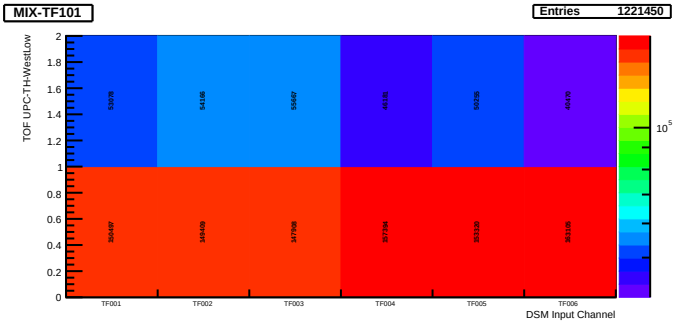

MIX-TF004
Entries 4275075
TOF MULT
TOF tray

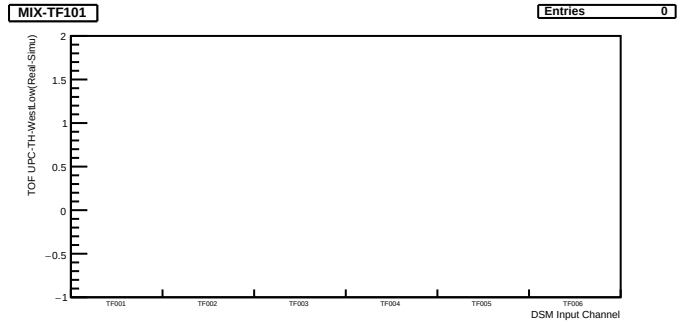

MIX-TF005
Entries 4275075
TOF MULT
TOF tray

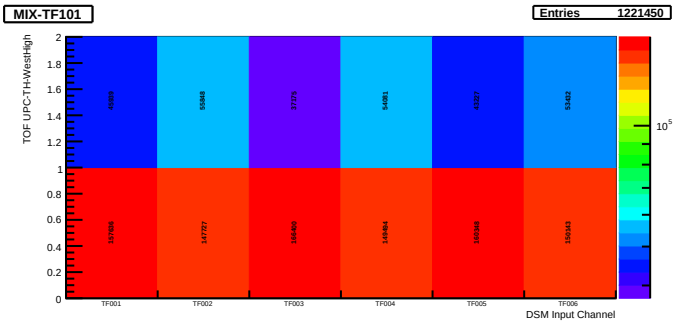

MIX-TF006
Entries 4275075
TOF MULT
TOF tray

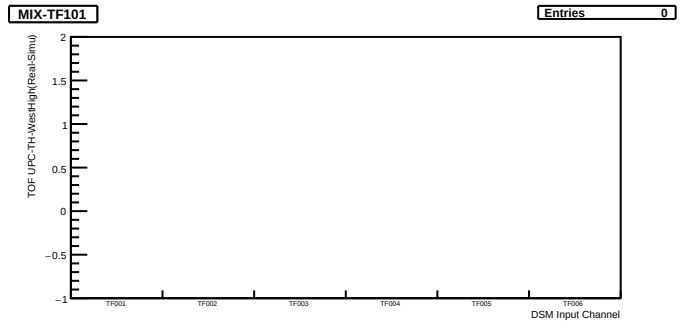

MIX-TF101
Entries 1221450
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

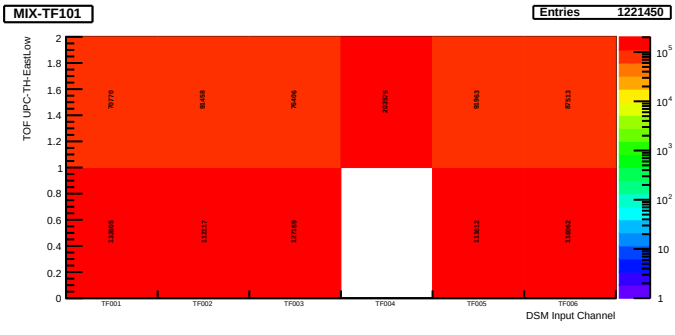

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

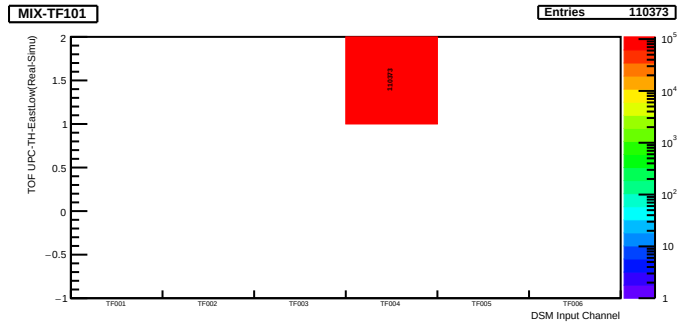

MIX-TF101
Entries 1221450
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

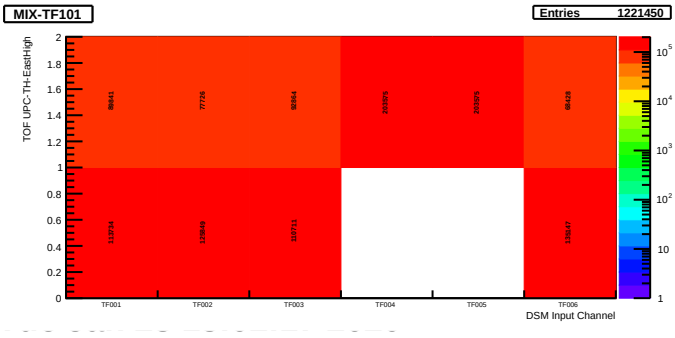

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

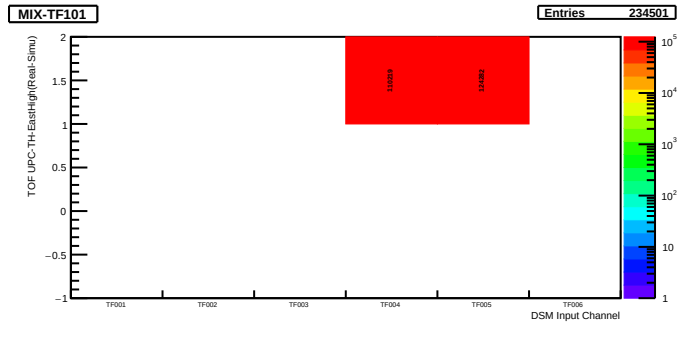

MIX-TF101
Entries 1221450
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

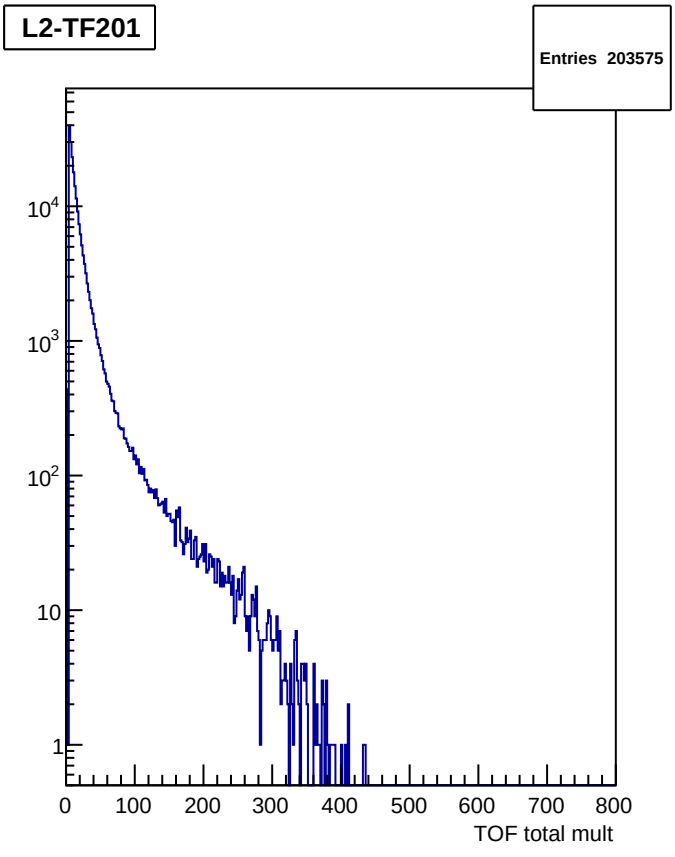

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

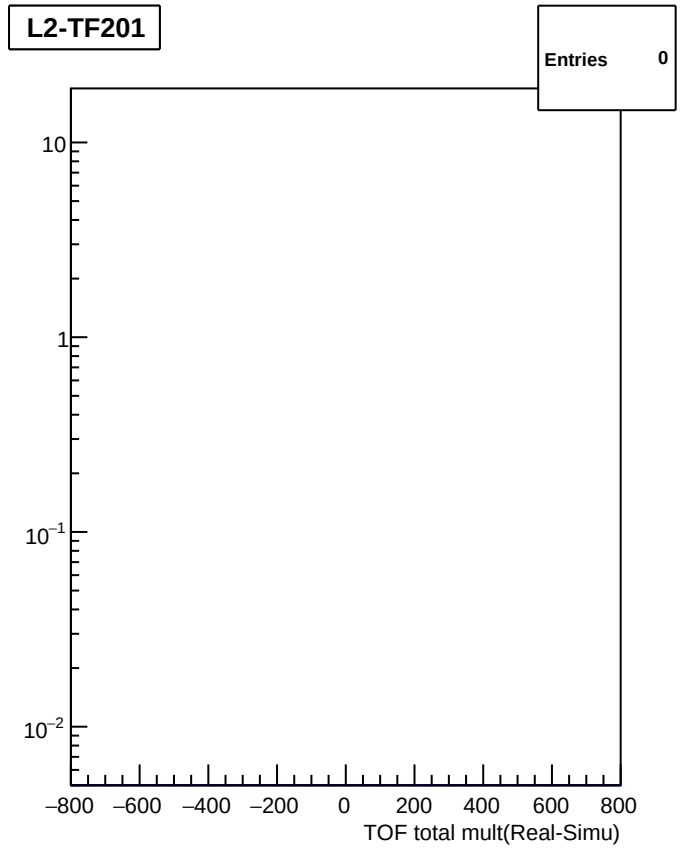

MIX-TF101
Entries 1221450
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

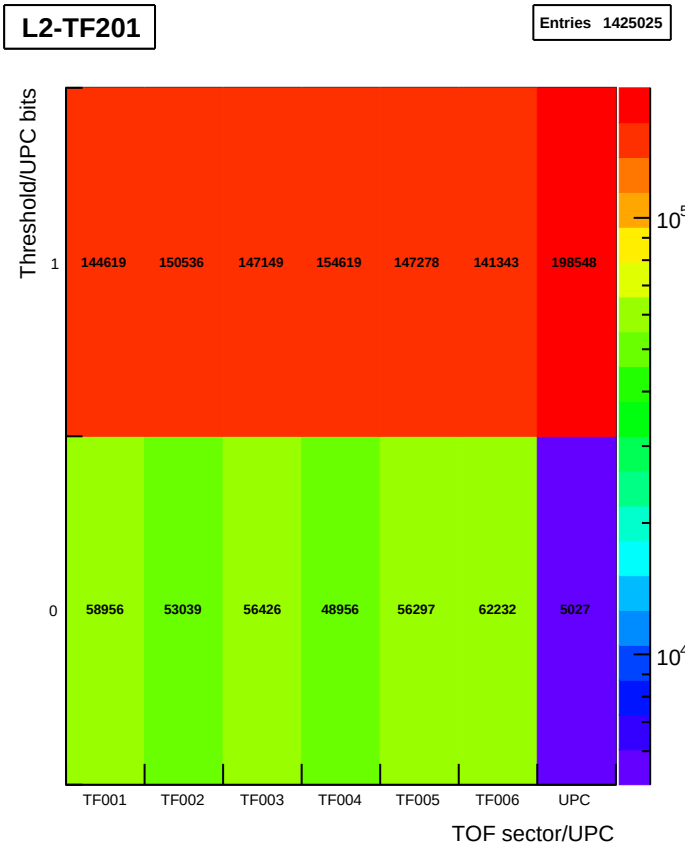

MIX-TF101
Entries 110373
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

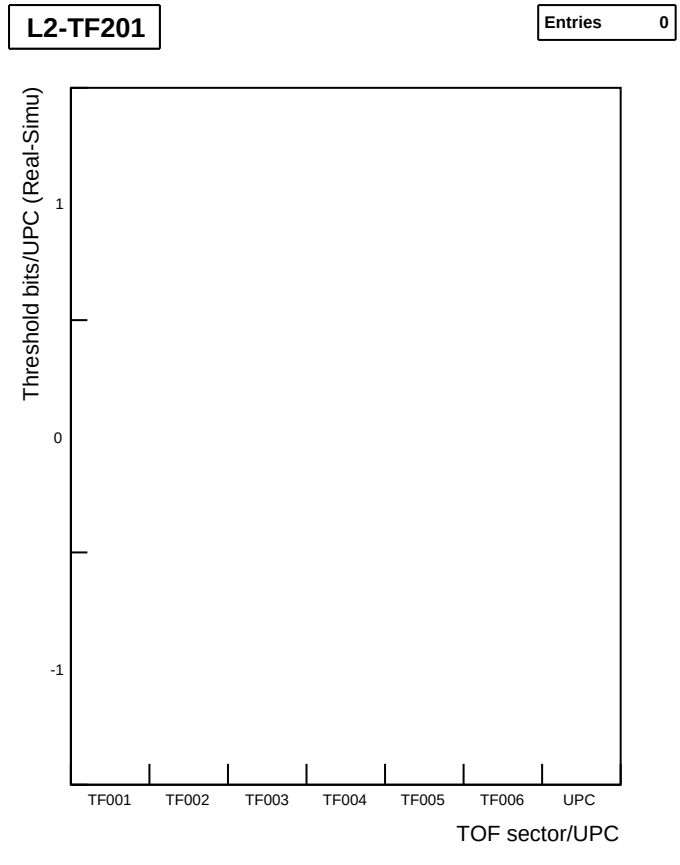

MIX-TF101
Entries 1221450
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

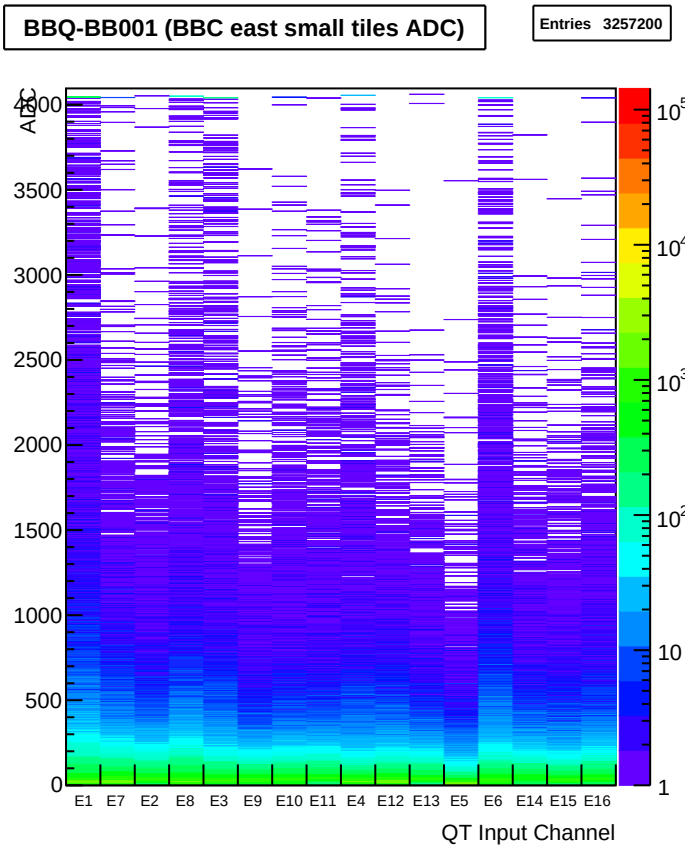

MIX-TF101
Entries 234501
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

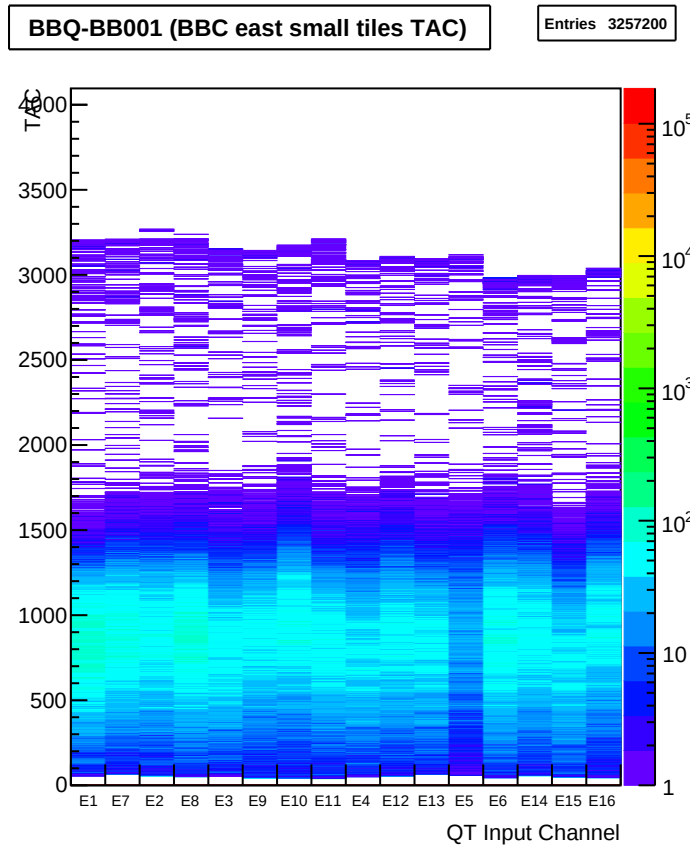

L2-TF201
Entries 203575
TOF total mult

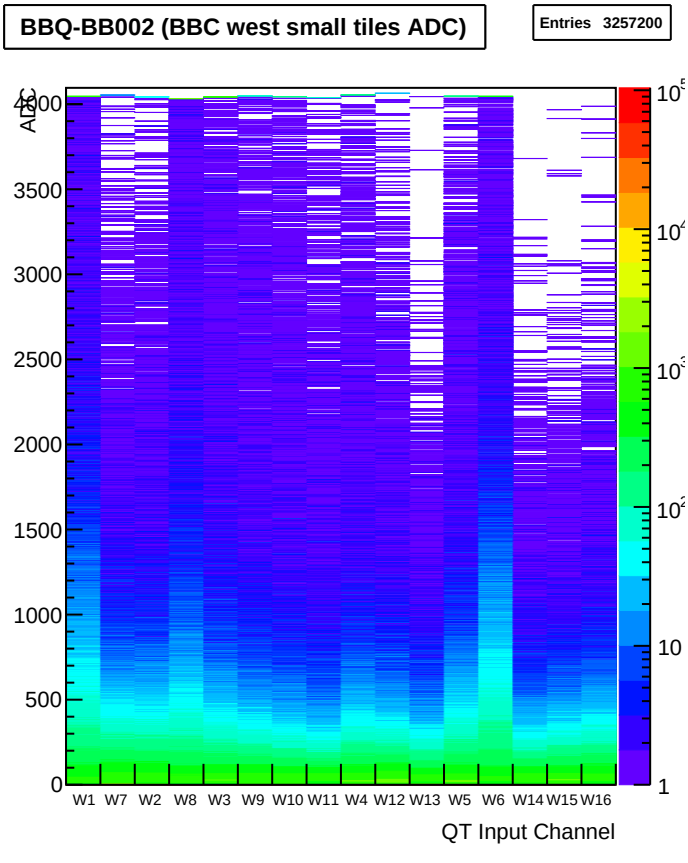

L2-TF201
Entries 0
TOF total mult(Real-Simu)

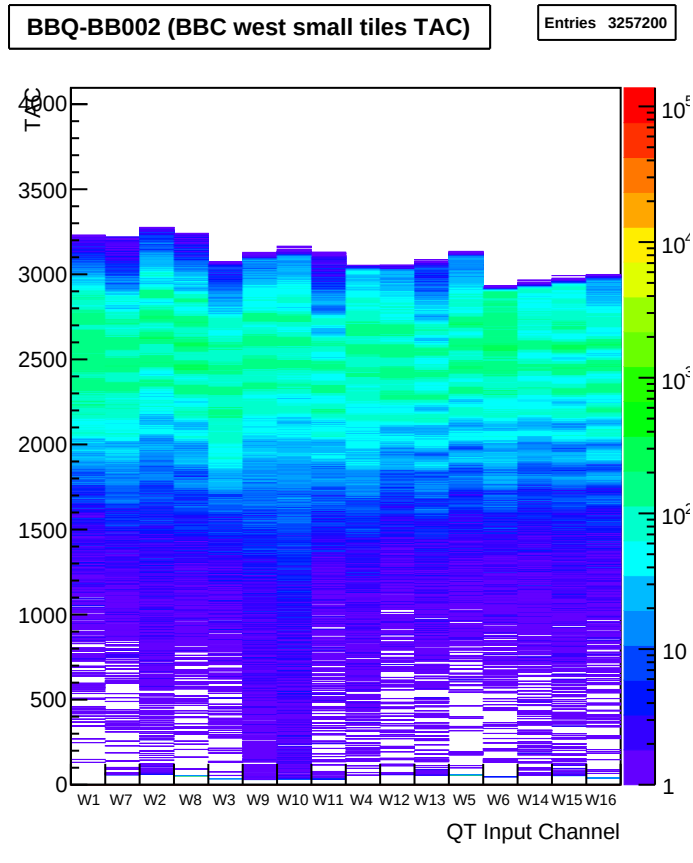

L2-TF201
Entries 1425025
Threshold/UPC bits
144619
150536
147149
154619
147278
141343
198548
58956
53039
56426
48956
56297
62232
5027
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

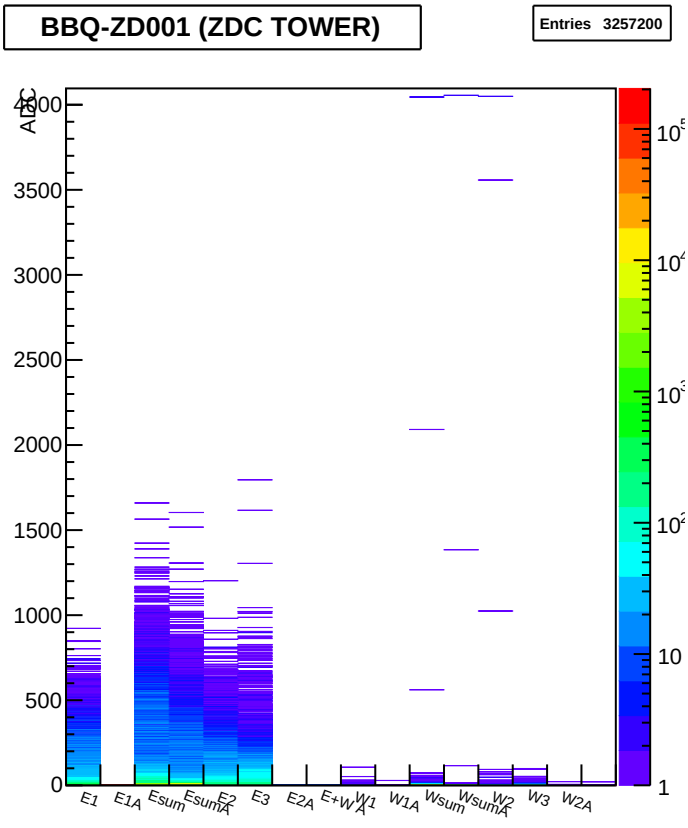

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

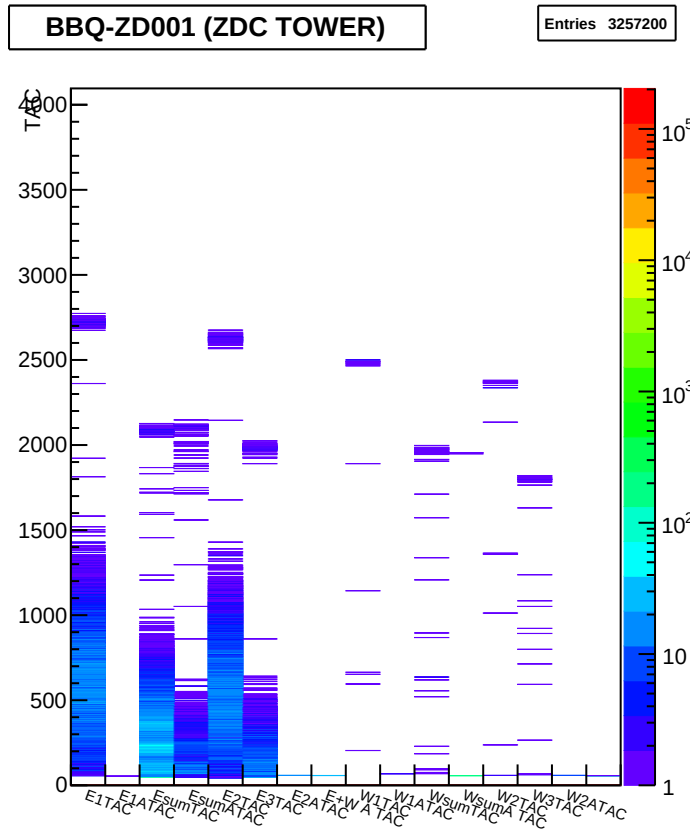

BBQ-BB001 (BBC east small tiles ADC)
Entries 3257200
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

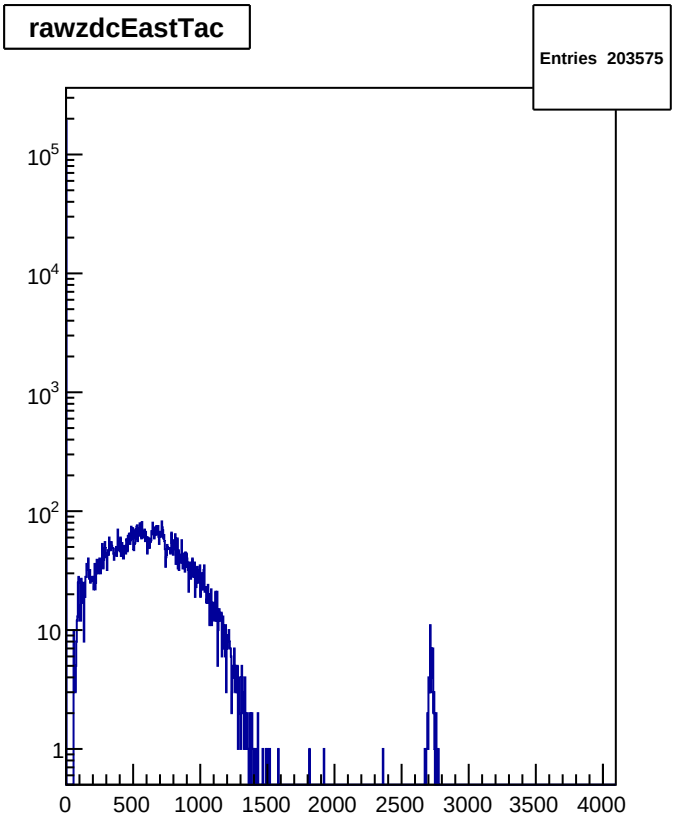

BBQ-BB001 (BBC east small tiles TAC)
Entries 3257200
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

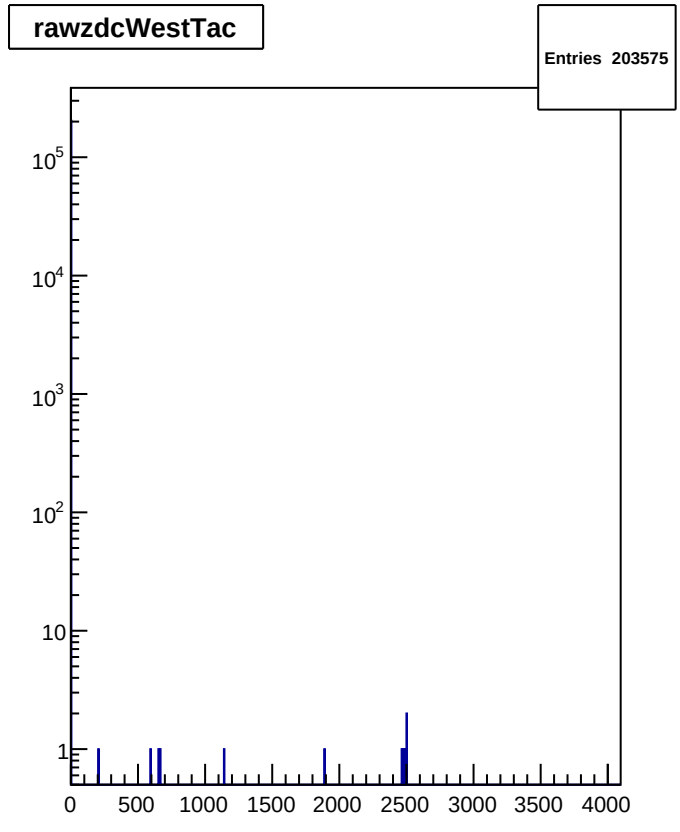

BBQ-BB002 (BBC west small tiles ADC)
Entries 3257200
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

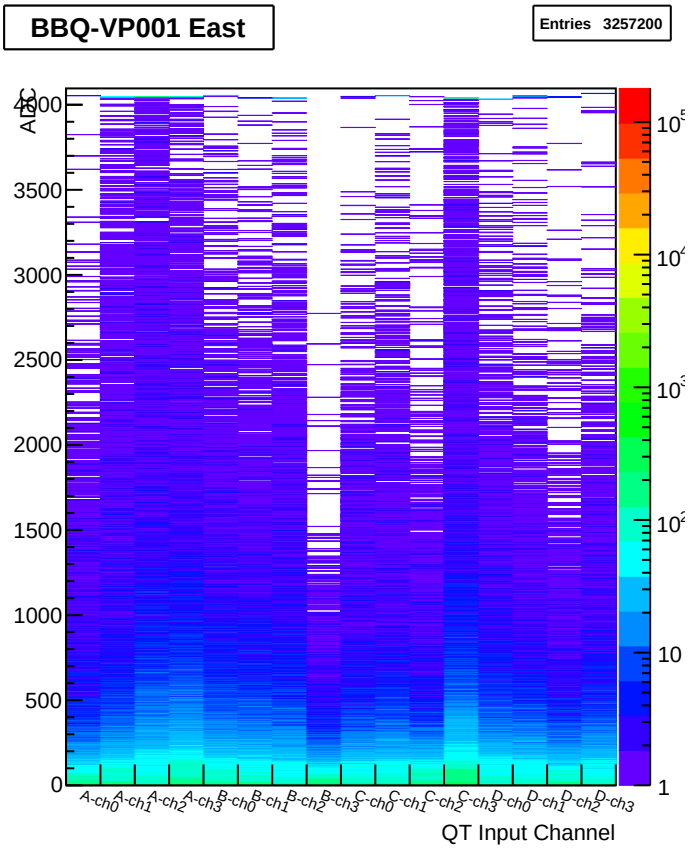

BBQ-BB002 (BBC west small tiles TAC)
Entries 3257200
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

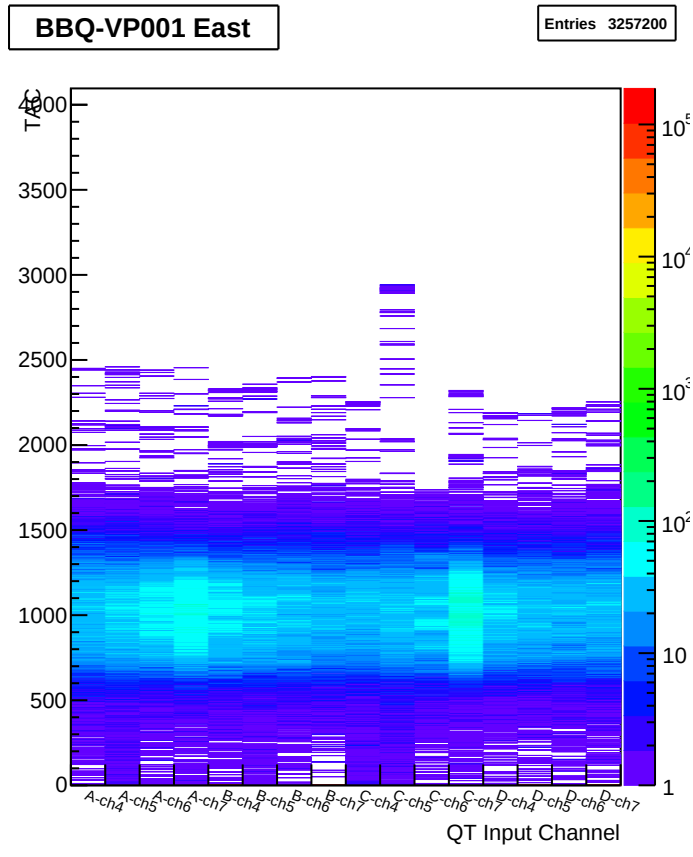

BBQ-ZD001 (ZDC TOWER)
Entries 3257200
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

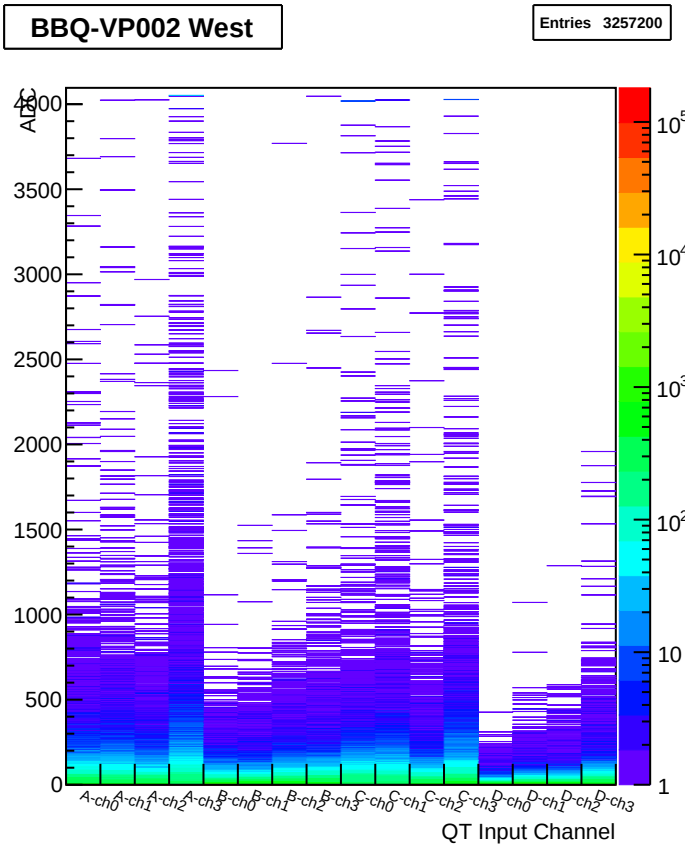

BBQ-ZD001 (ZDC TOWER)
Entries 3257200
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

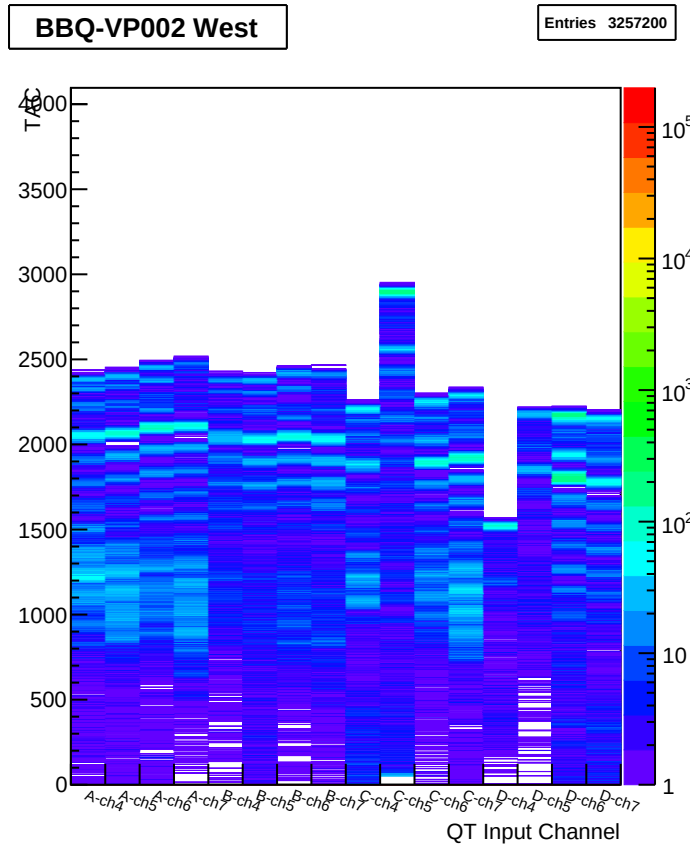

rawzdcEastTac
Entries 203575

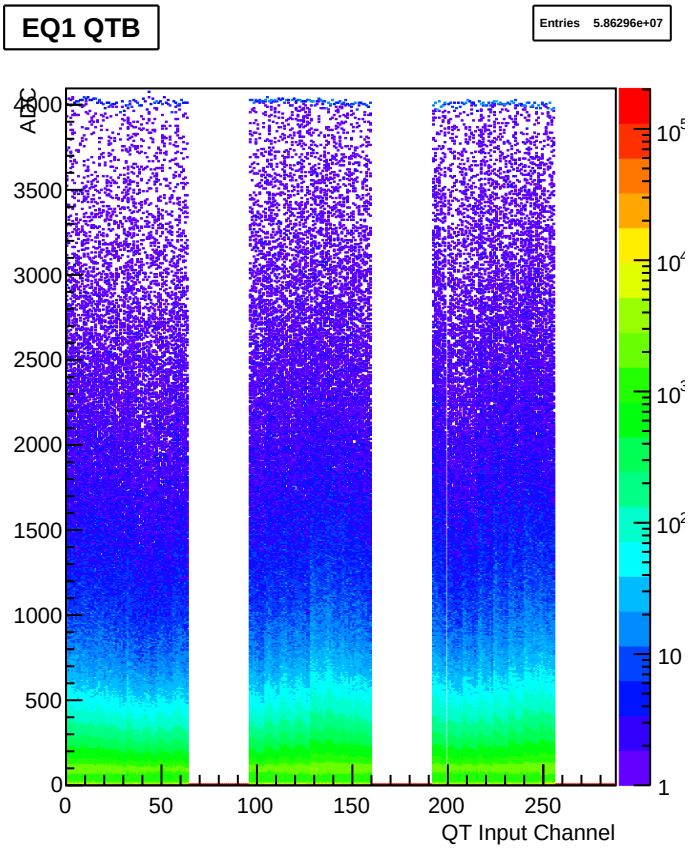

rawzdcWestTac
Entries 203575

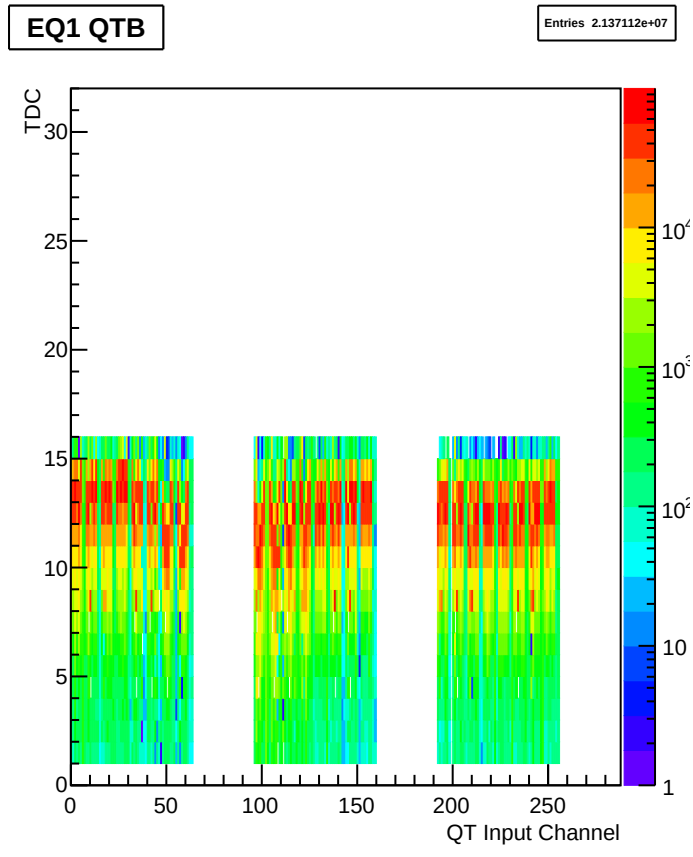

BBQ-VP001 East
Entries 3257200
ADC
QT Input Channel

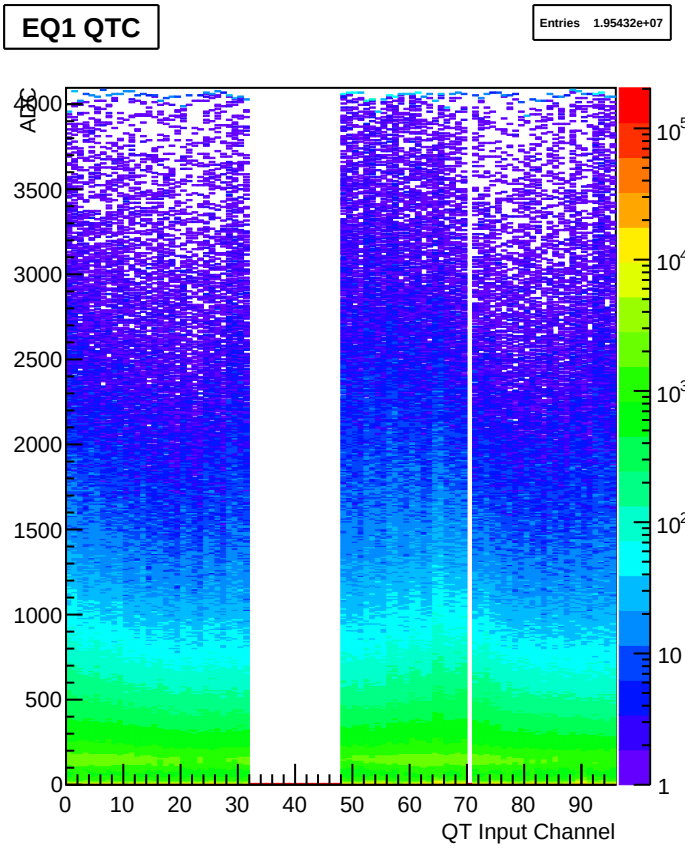

BBQ-VP001 East
Entries 3257200
TADC
QT Input Channel

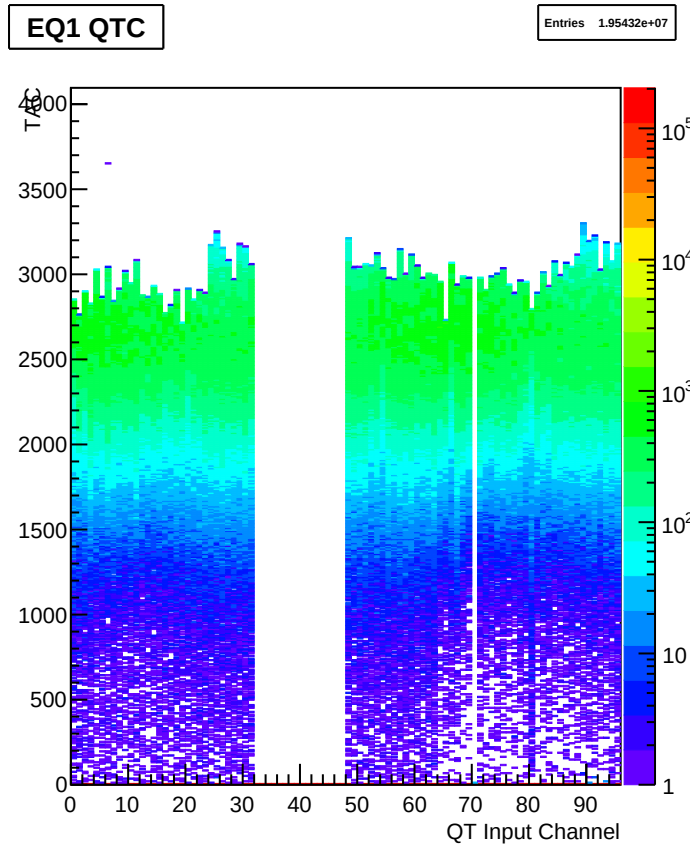

BBQ-VP002 West
Entries 3257200
ADC
QT Input Channel

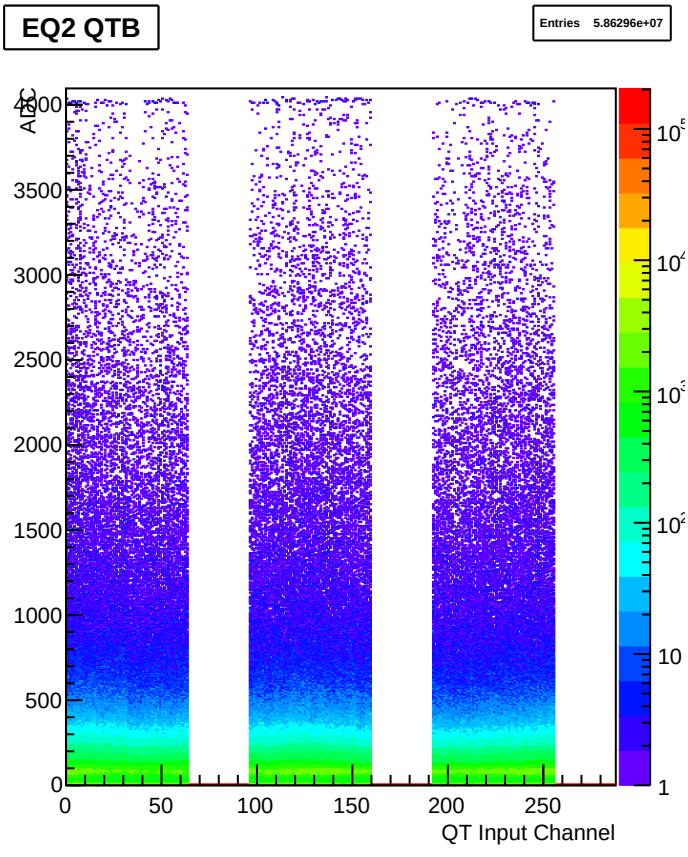

BBQ-VP002 West
Entries 3257200
TADC
QT Input Channel

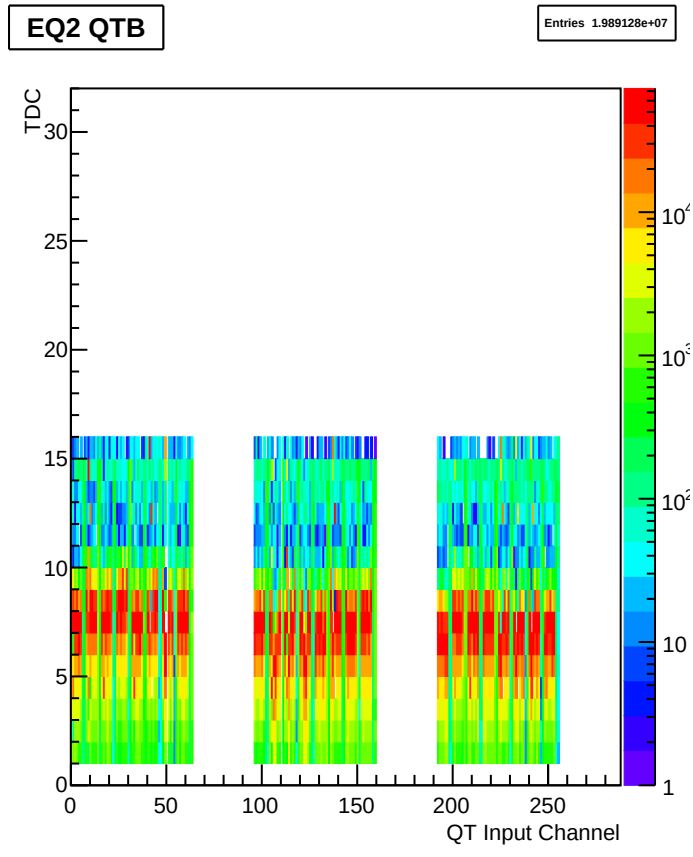

EQ1 QTB
Entries 5.86296e+07
ADC
QT Input Channel

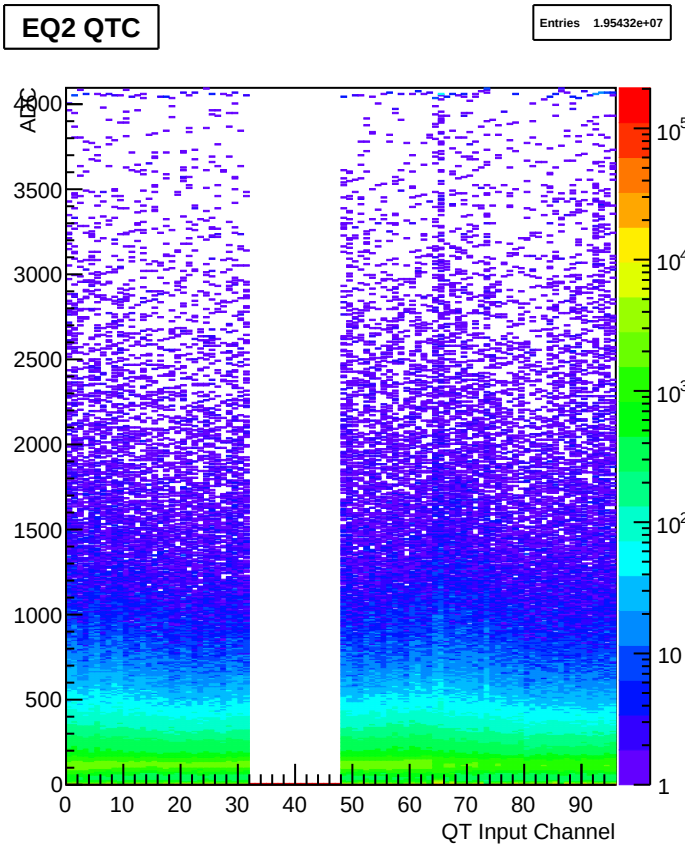

EQ1 QTB
Entries 2.137112e+07
TDC
QT Input Channel

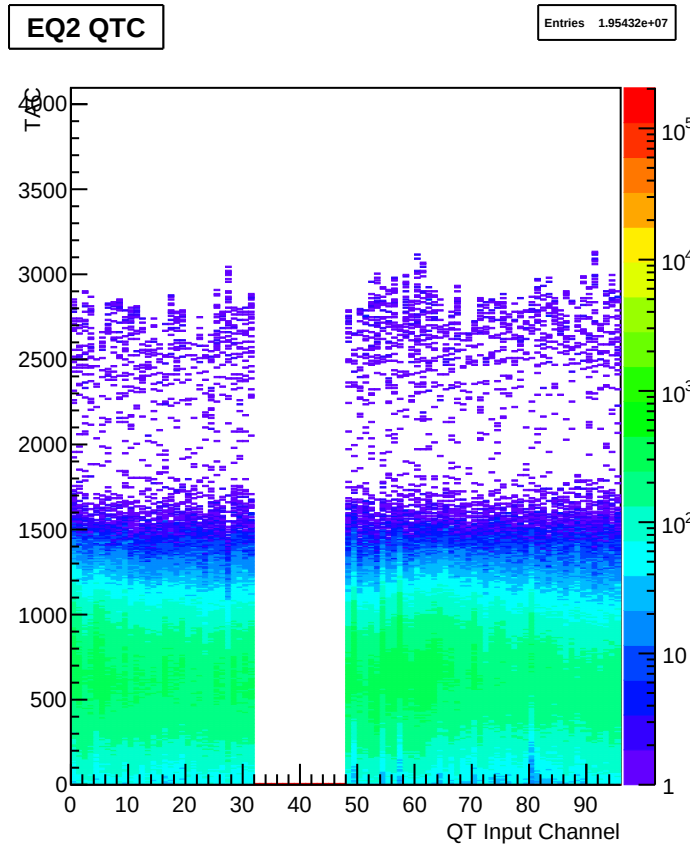

EQ1 QTC
Entries 1.95432e+07
ADC
QT Input Channel

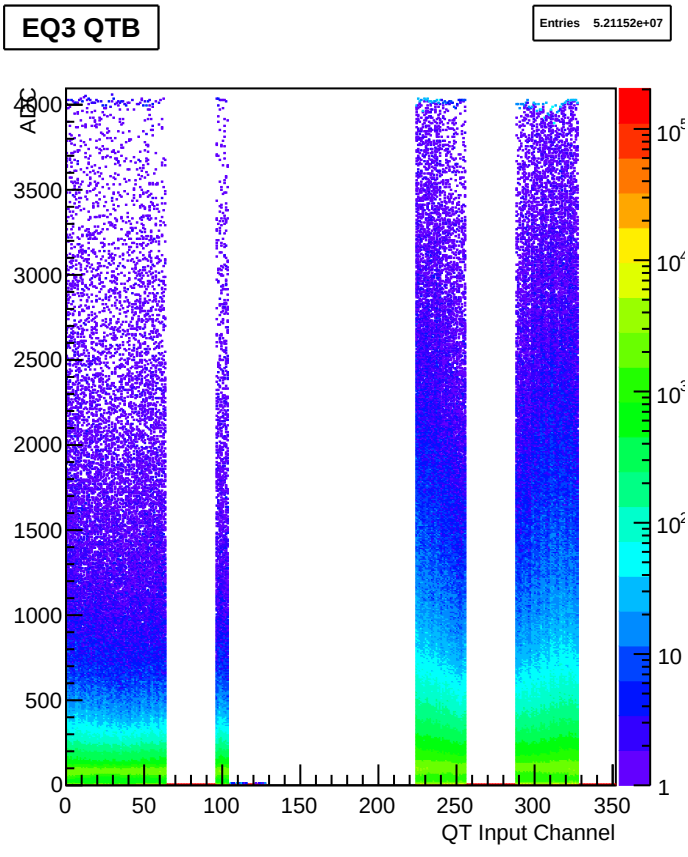

EQ1 QTC
Entries 1.95432e+07
TADC
QT Input Channel

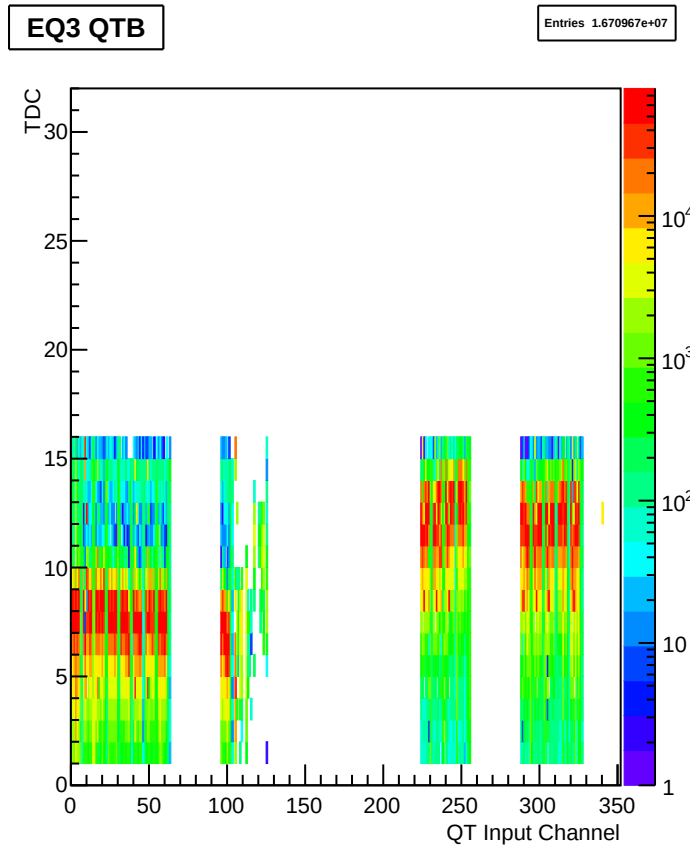

EQ2 QTB
Entries 5.86296e+07
ADC
QT Input Channel

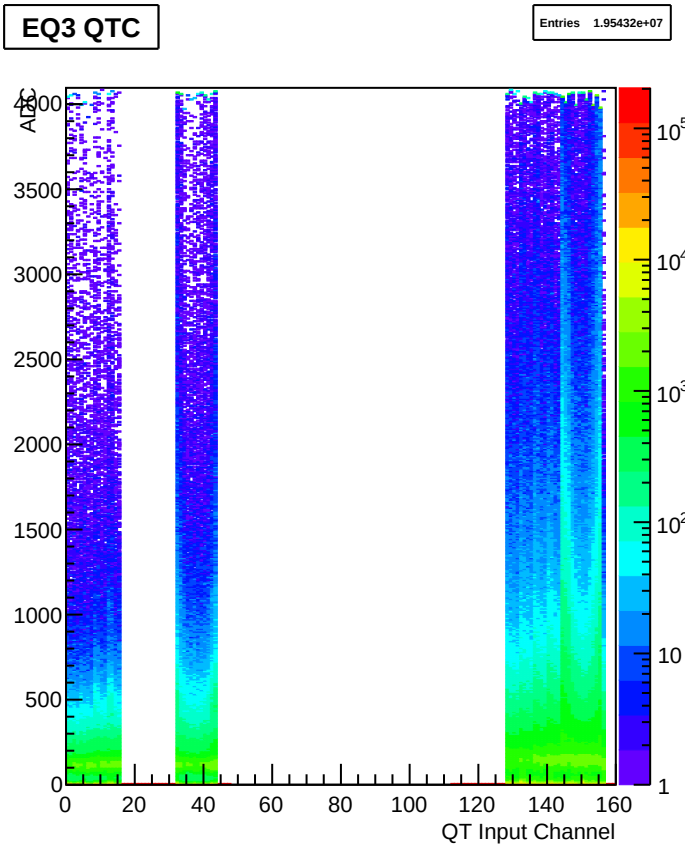

EQ2 QTB
Entries 1.989128e+07
TDC
QT Input Channel

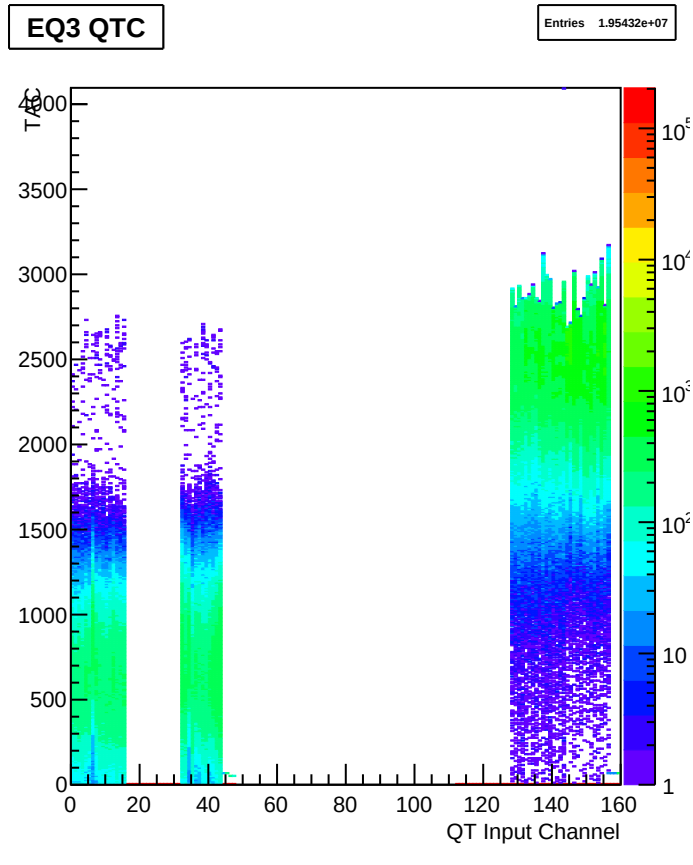

EQ2 QTC
Entries 1.95432e+07
ADC
QT Input Channel

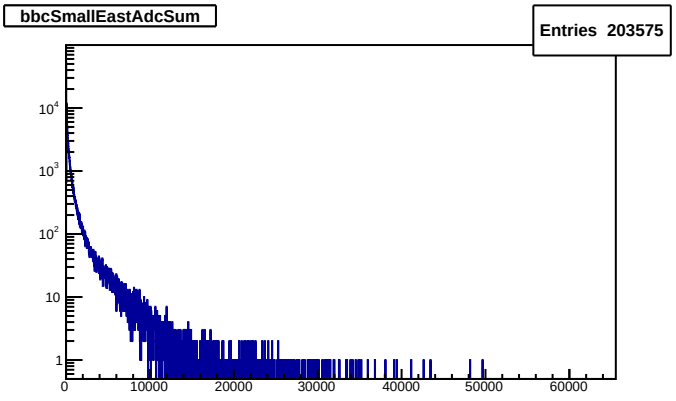

EQ2 QTC
Entries 1.95432e+07
TADC
QT Input Channel

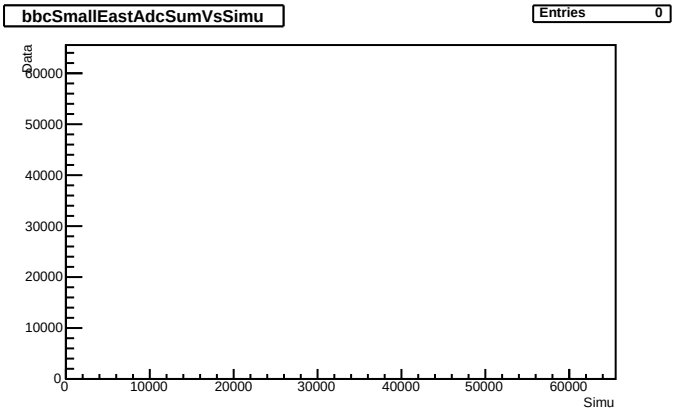

EQ3 QTB
Entries 5.21152e+07
ADC
QT Input Channel

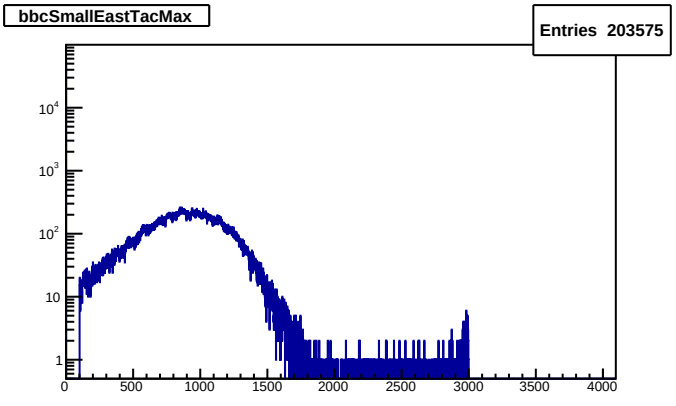

EQ3 QTB
Entries 1.670967e+07
TDC
QT Input Channel

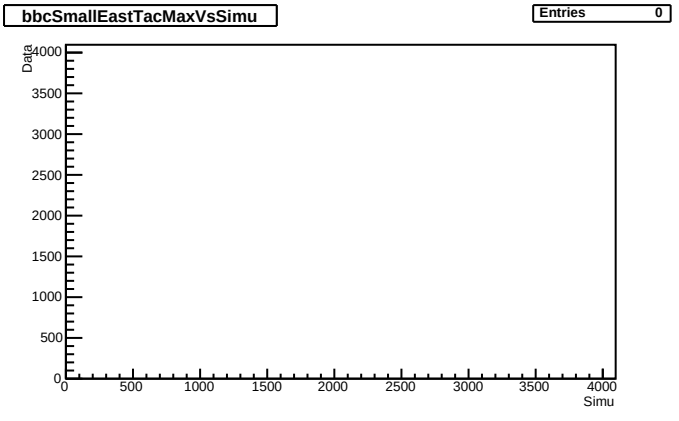

EQ3 QTC
Entries 1.95432e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.95432e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 203575


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 203575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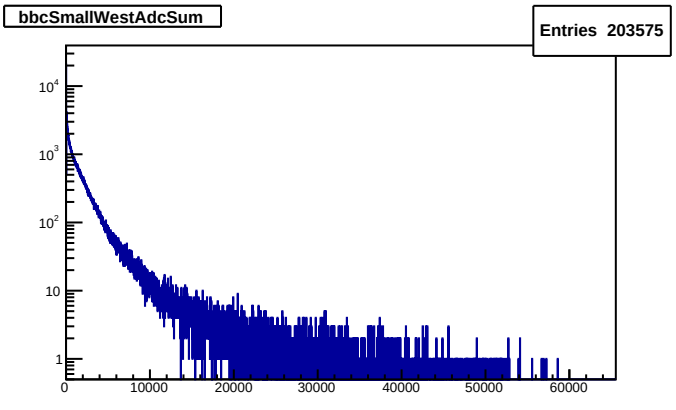
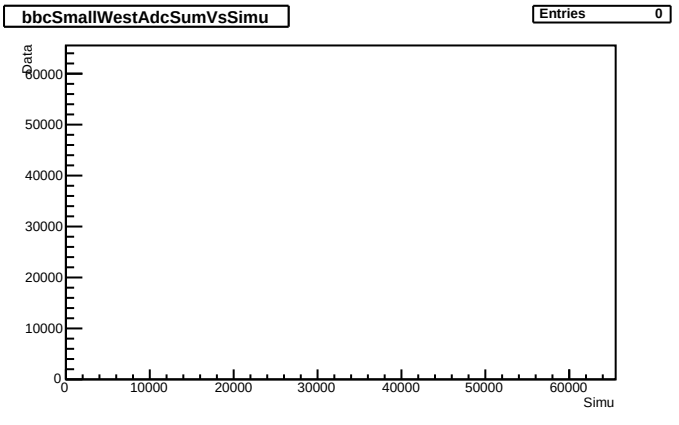
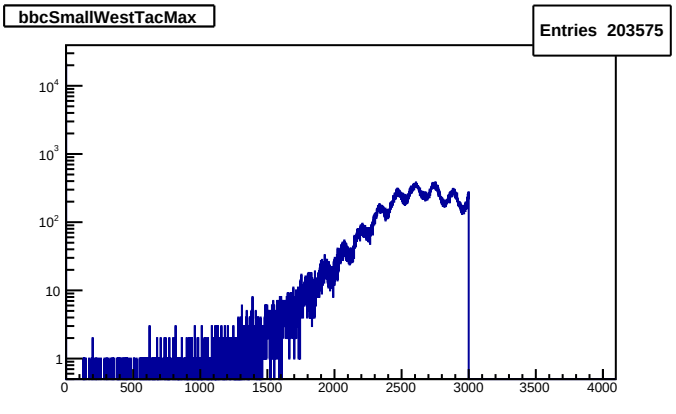
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 203575


bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu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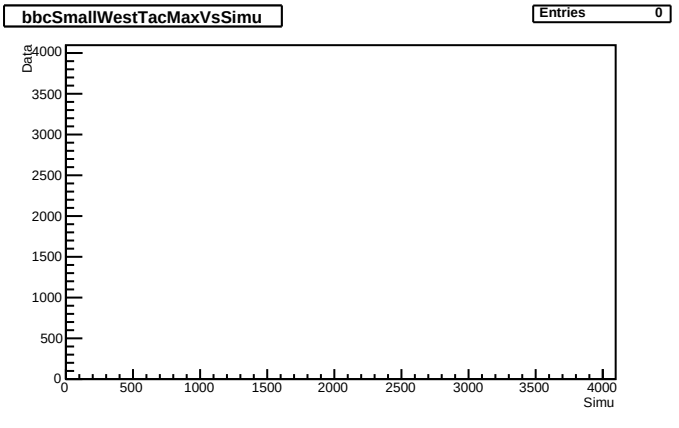
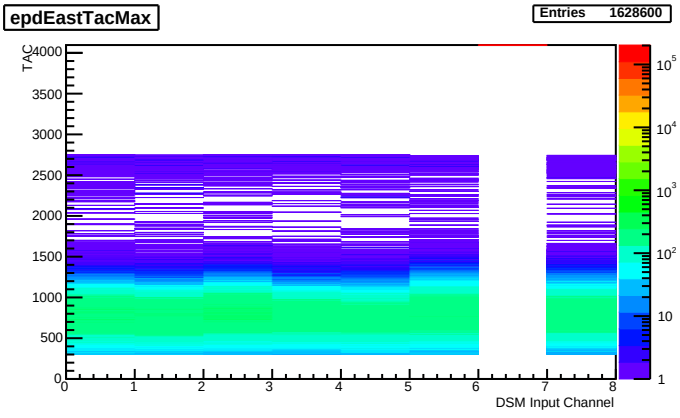
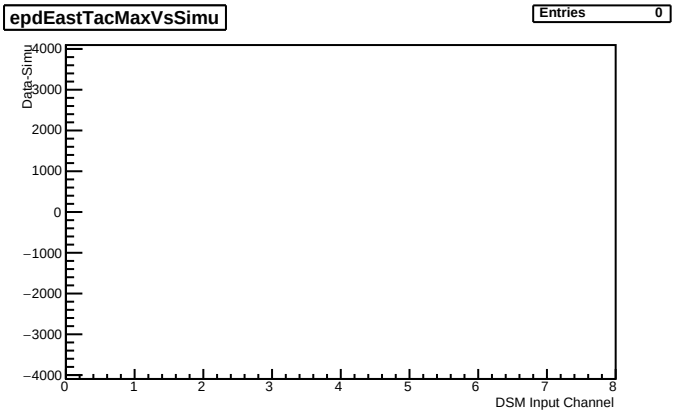
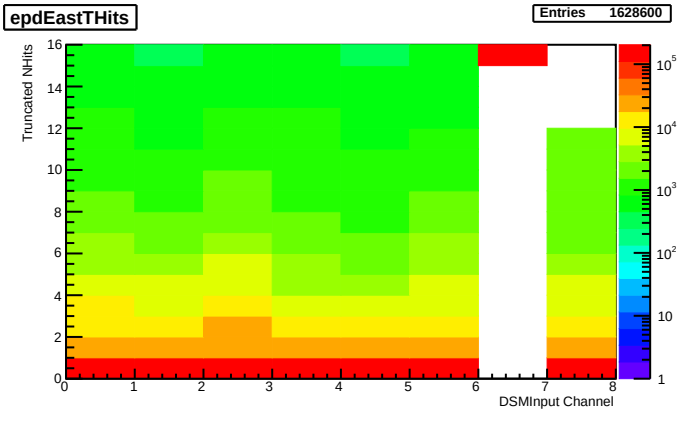
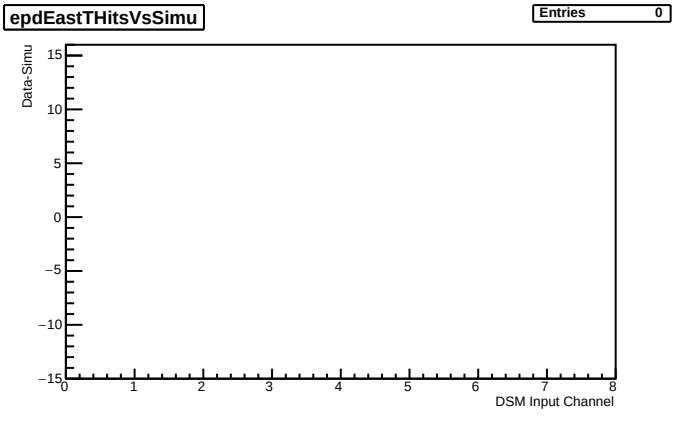
Entries 203575


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 1628600
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1628600
Truncated NHits
DSMInput Channel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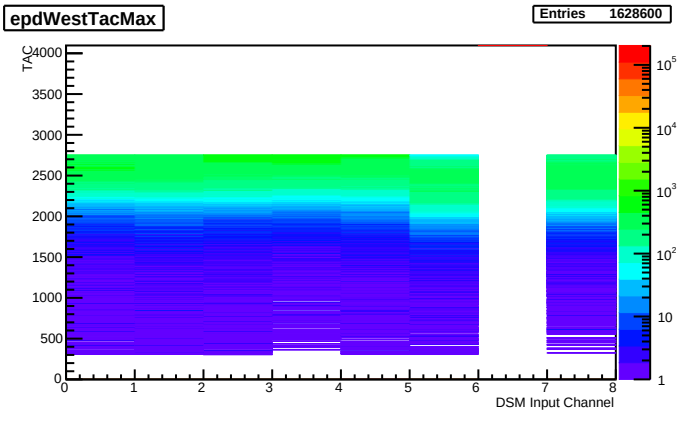
Entries 0
Data-Simu
DSM Input Channel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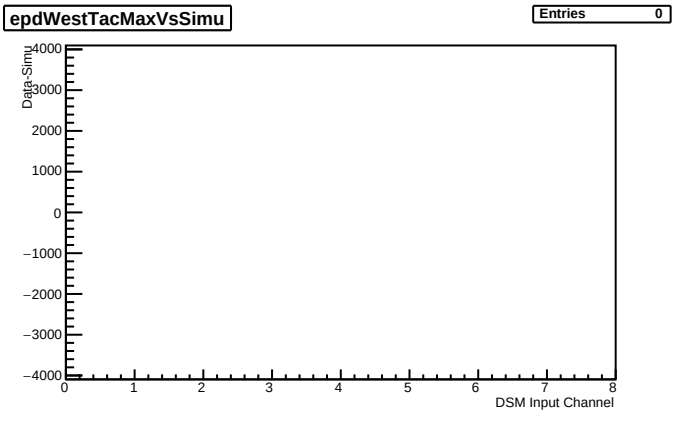
DSM Input Channel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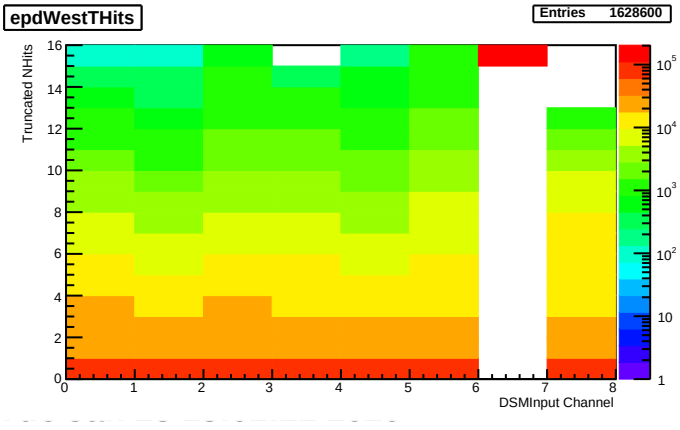
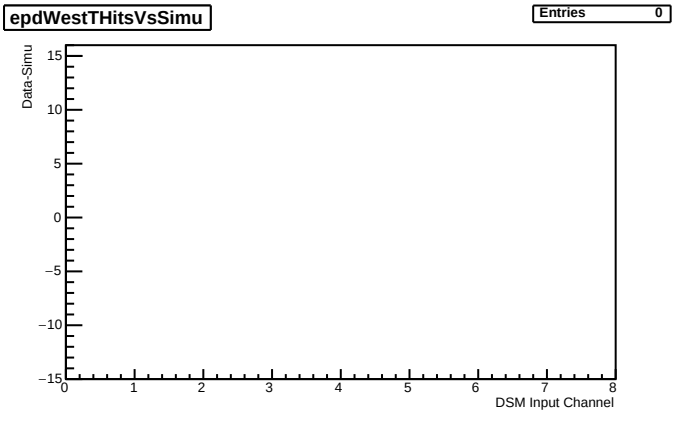
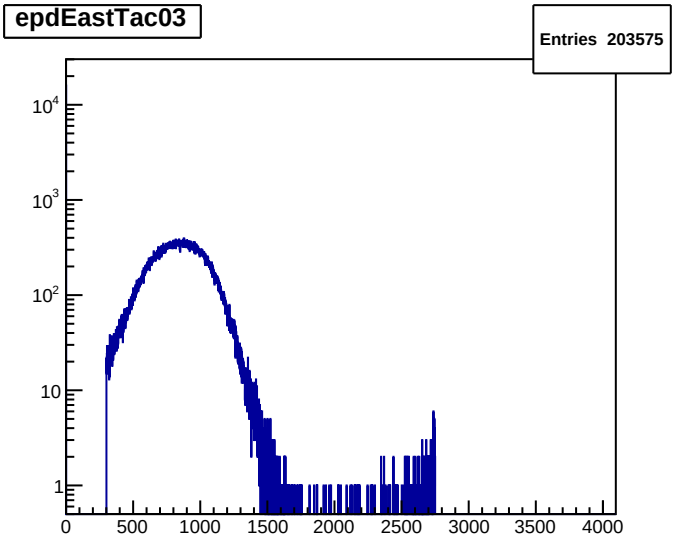
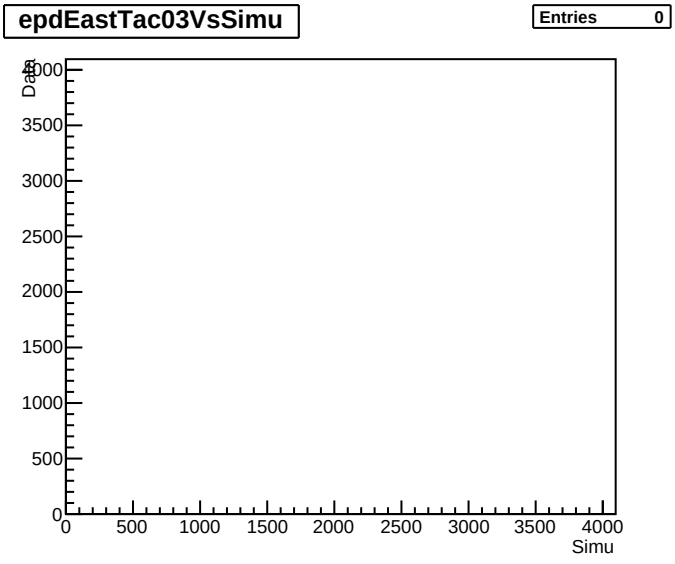
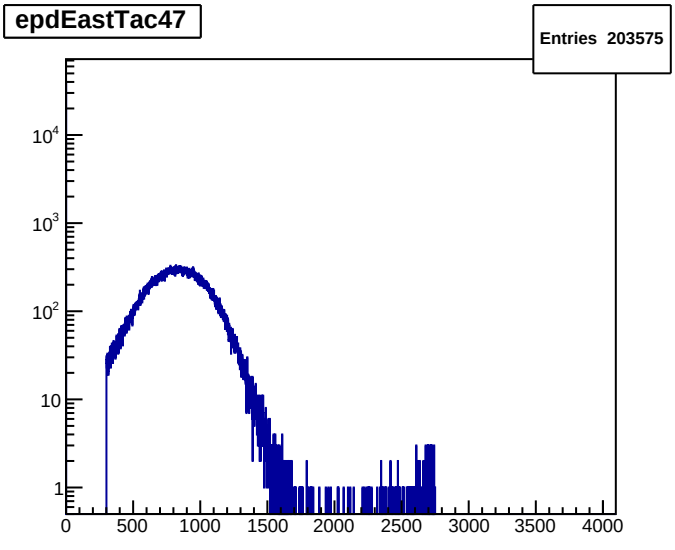
Entries 0
Data-Simu
DSM Input Channel

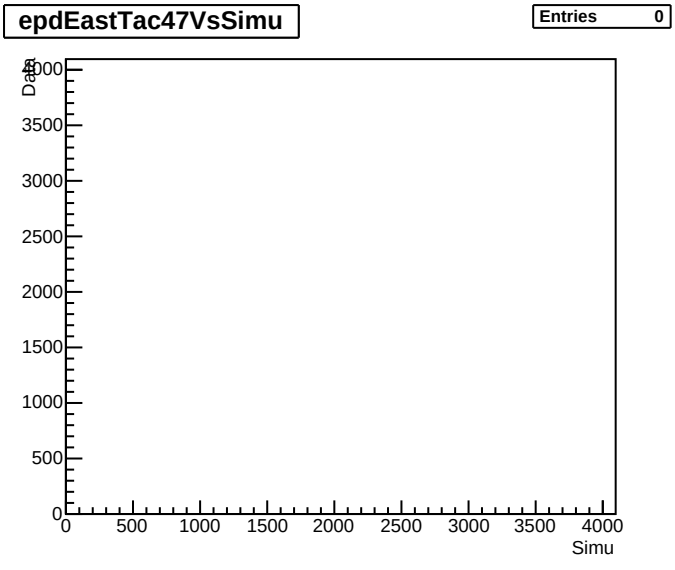

epdWestTHits
Entries 1628600
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 203575


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 203575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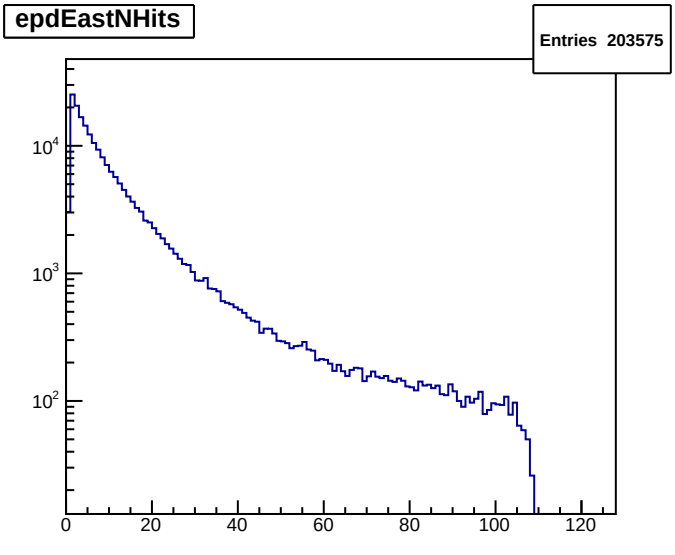
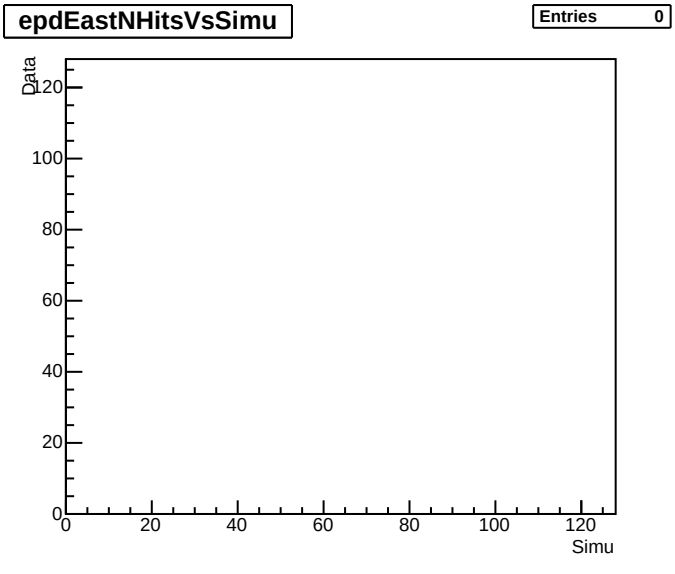
Entries 0
Data
Simu


epdEastNHits
Entries 203575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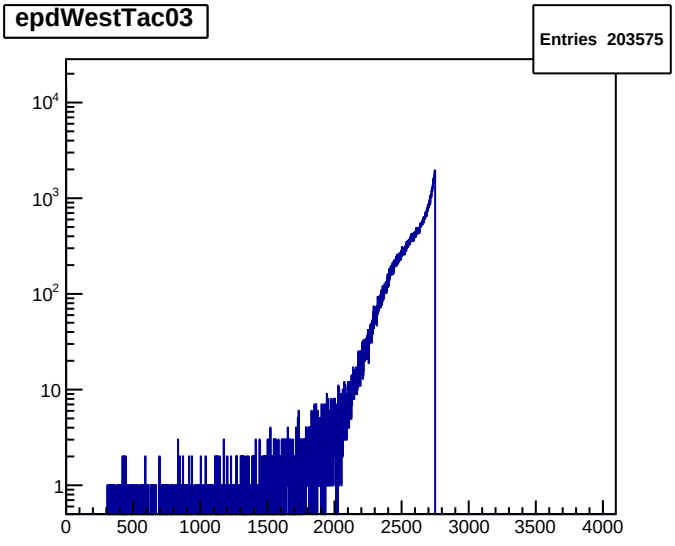
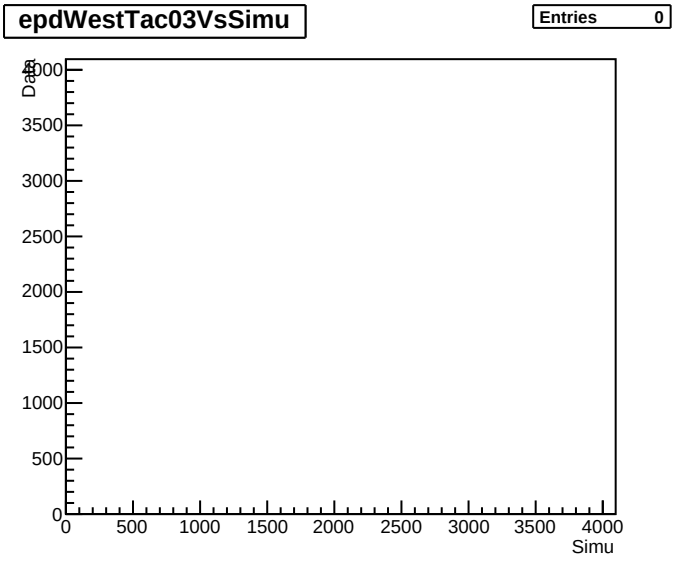
Entries 0
Data
Simu


epdWestTac03
Entries 203575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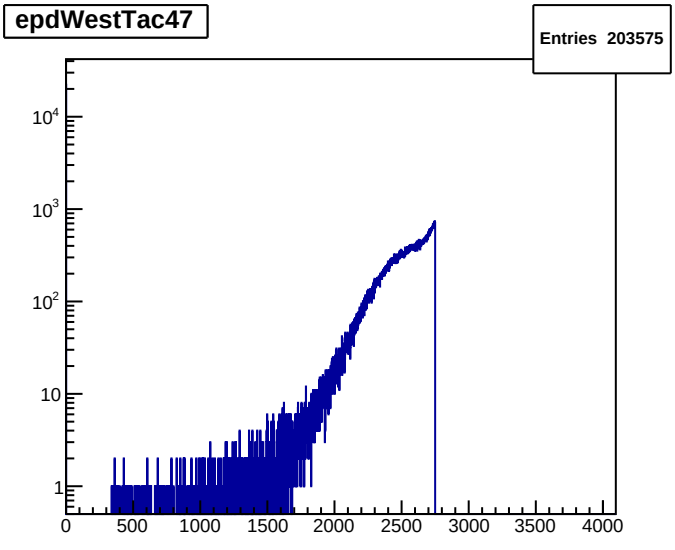
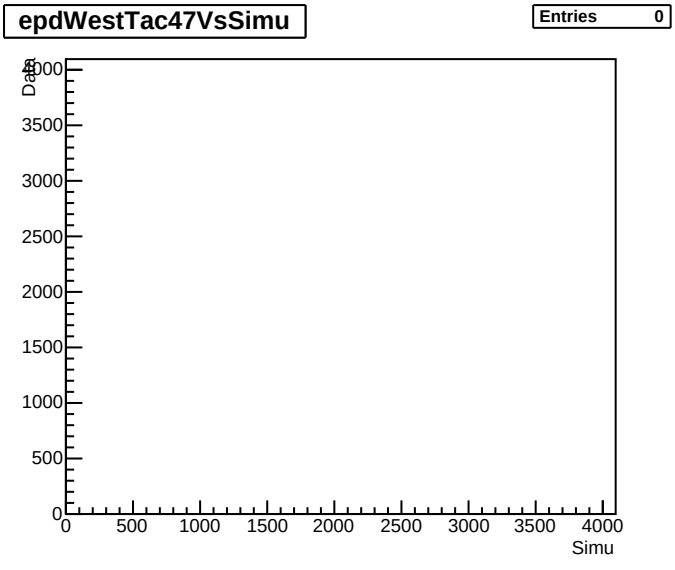
Entries 0
Data
Simu


epdWestTac47
Entries 203575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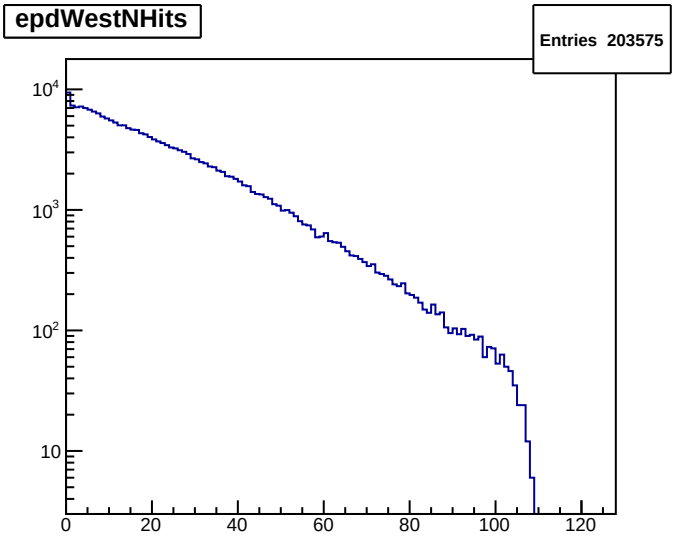
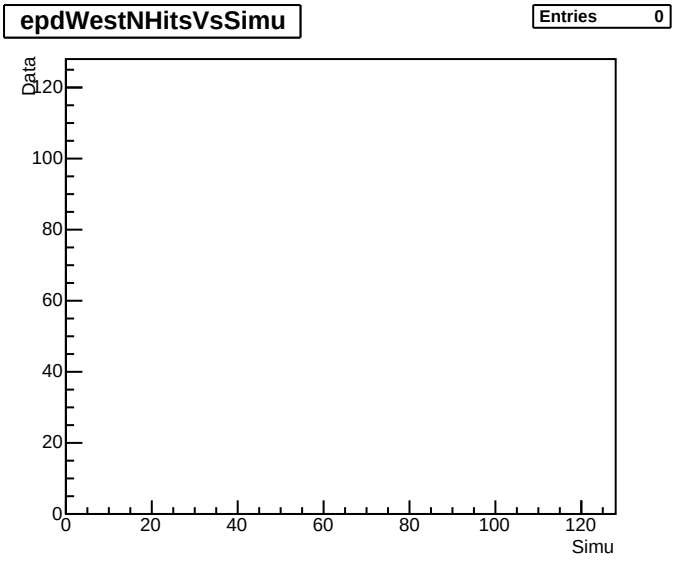
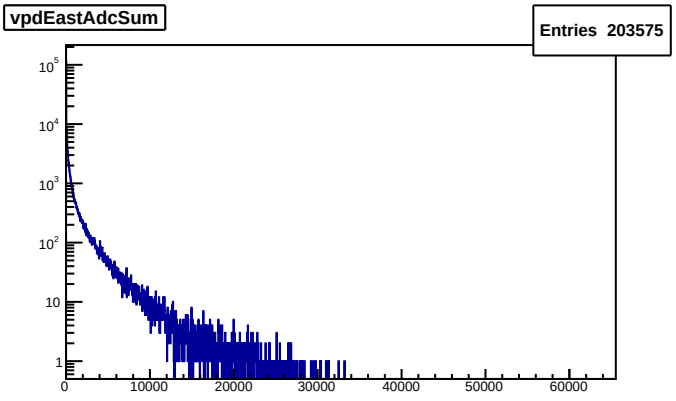
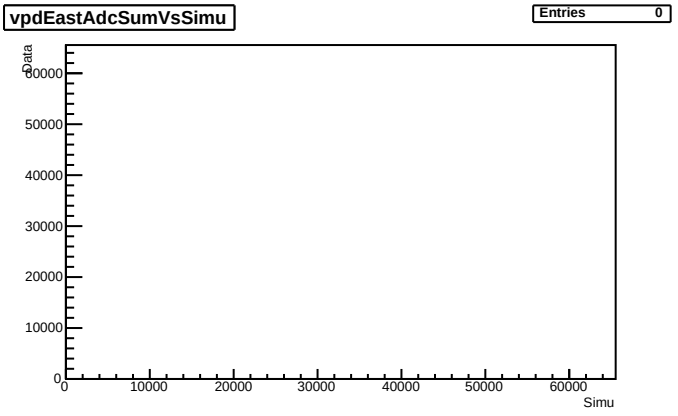
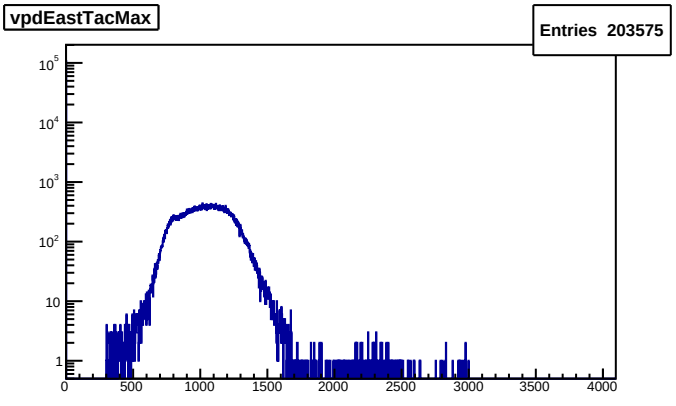
Entries 0
Data
Simu

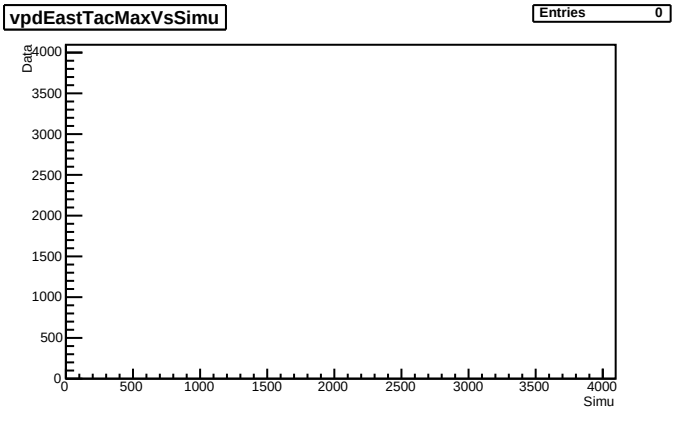

epdWestNHits
Entries 203575

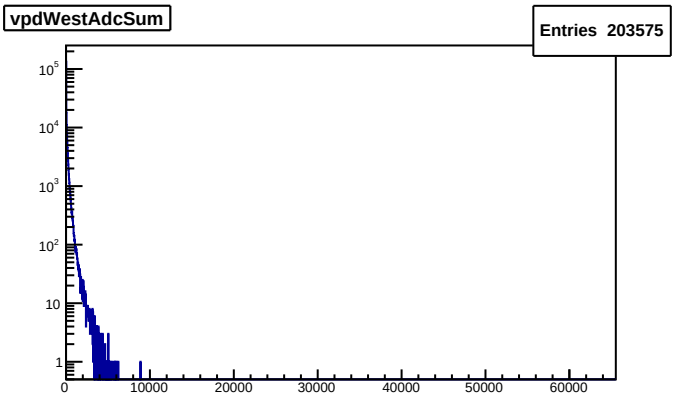

epdWestNHitsVsSimu
Entries 0
Data
Simu

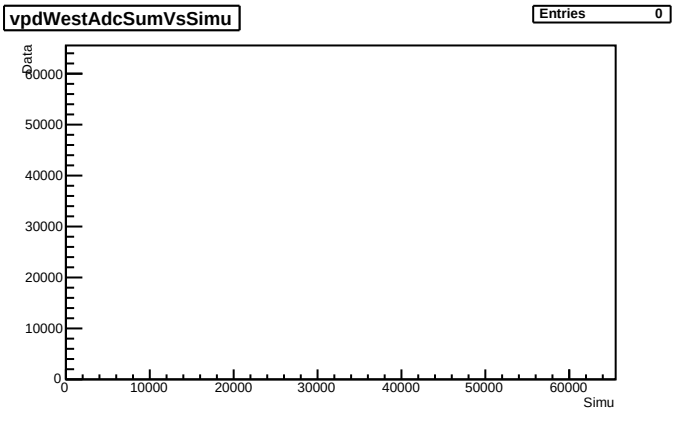

vpdEastAdcSum
Entries 203575

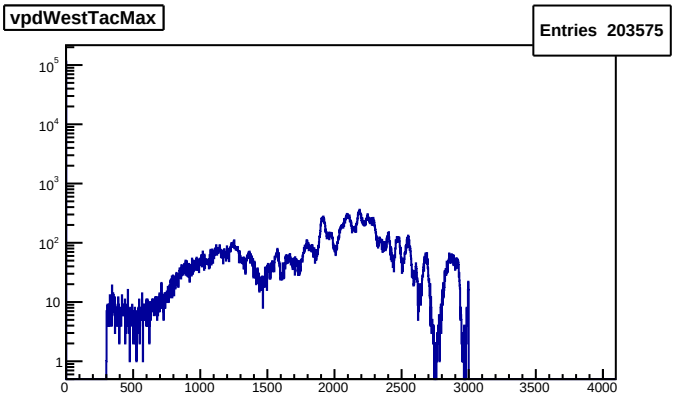

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

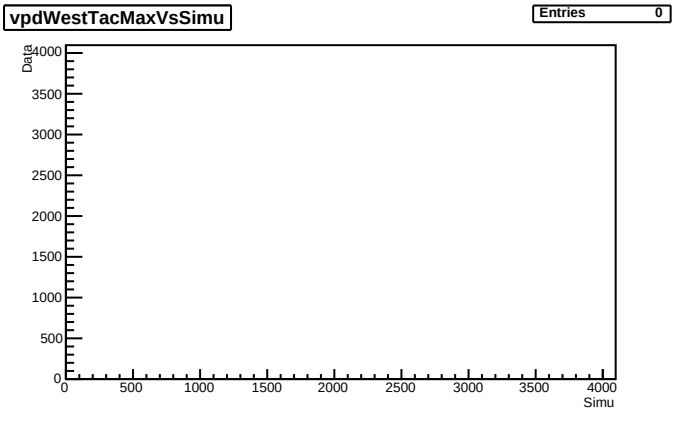

vpdEastTacMax
Entries 203575

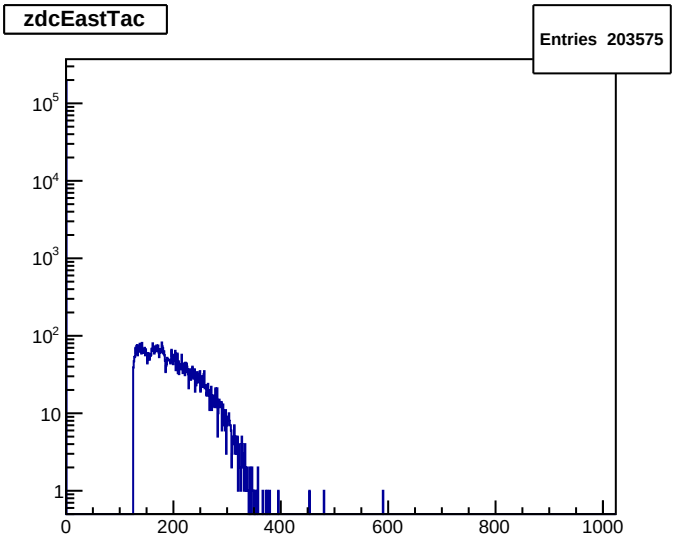

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

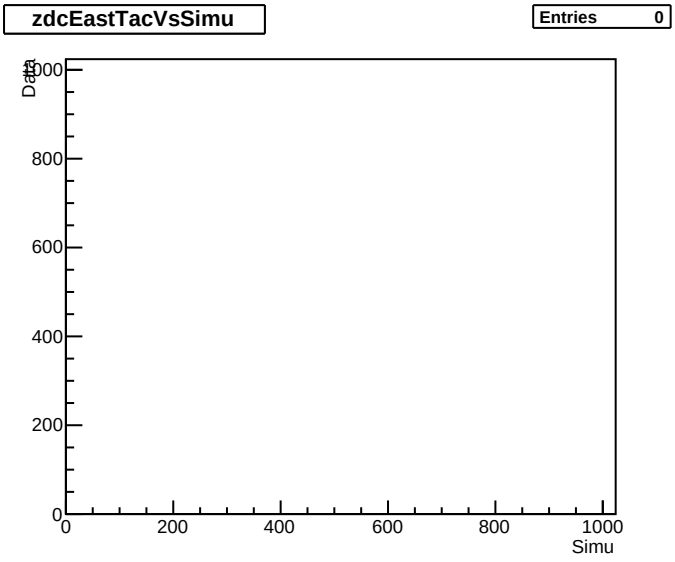

vpdWestAdcSum
Entries 203575

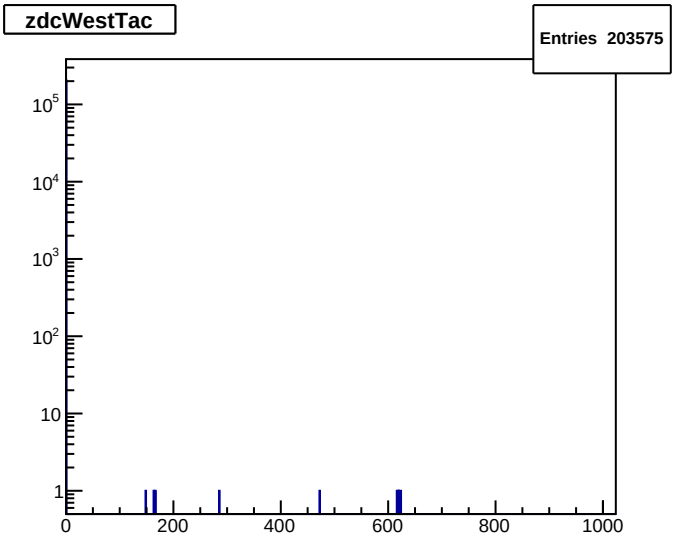

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

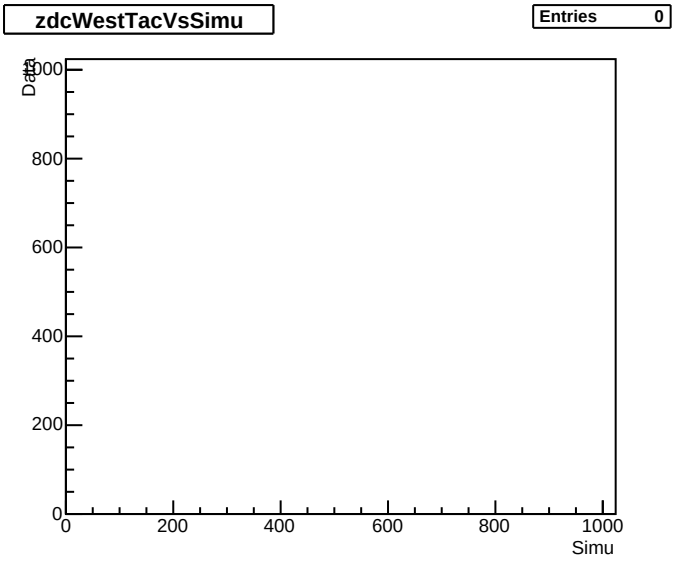

vpdWestTacMax
Entries 203575

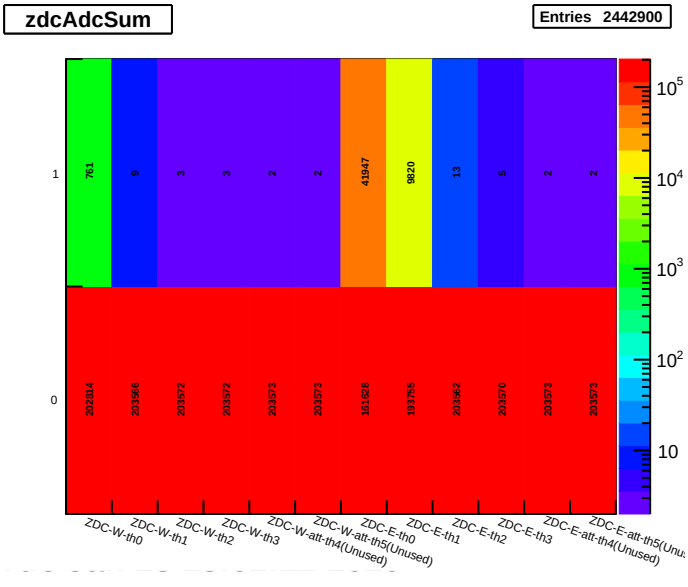

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

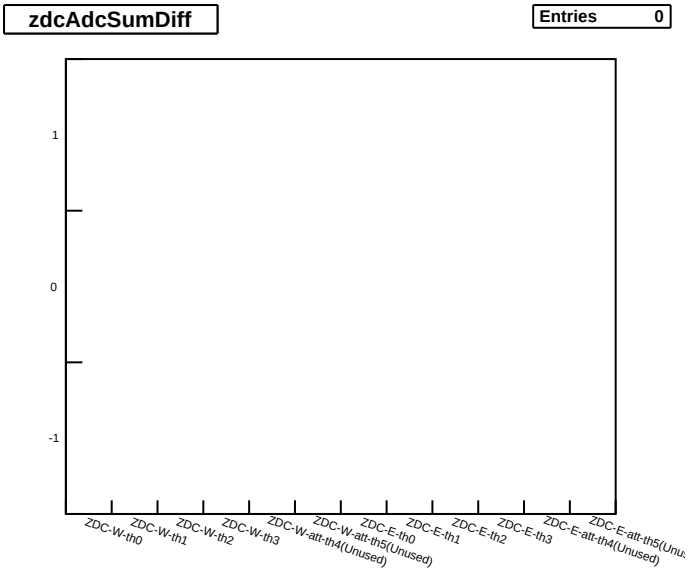

zdcEastTac
Entries 203575
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

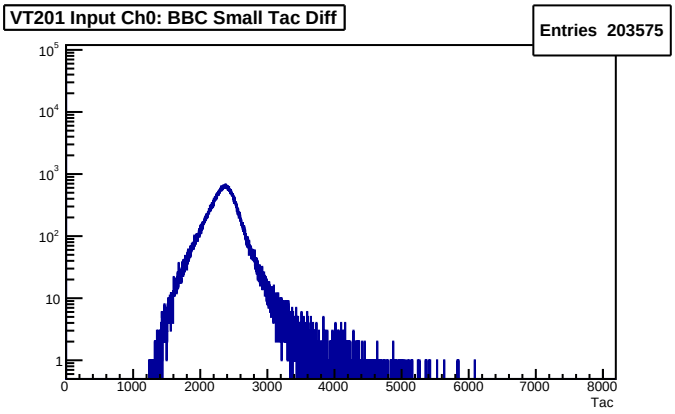

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

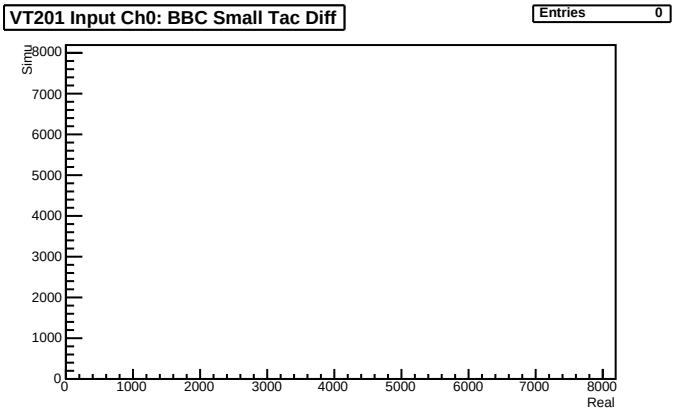

zdcWestTac
Entries 203575
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

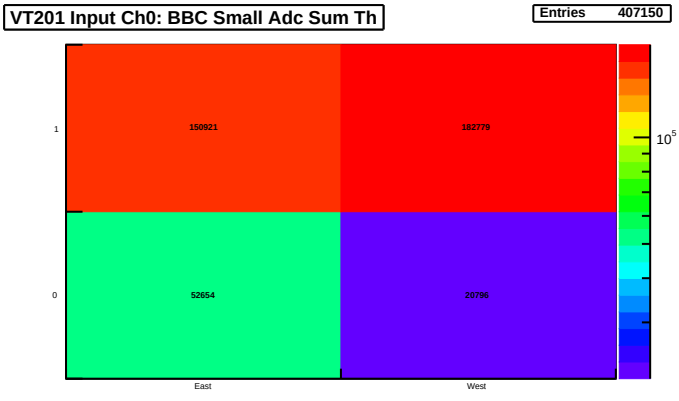

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

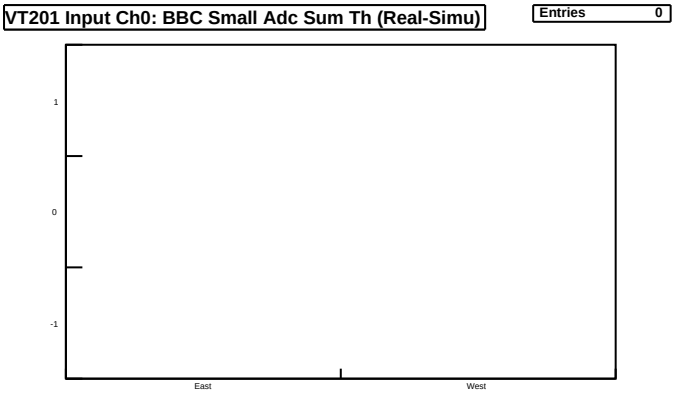

zdcAdcSum
Entries 2442900
1
0
761
9
3
3
2
2
41947
9820
13
5
2
2
202814
203566
203572
203572
203573
203573
161628
193755
203562
203570
203573
203573
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

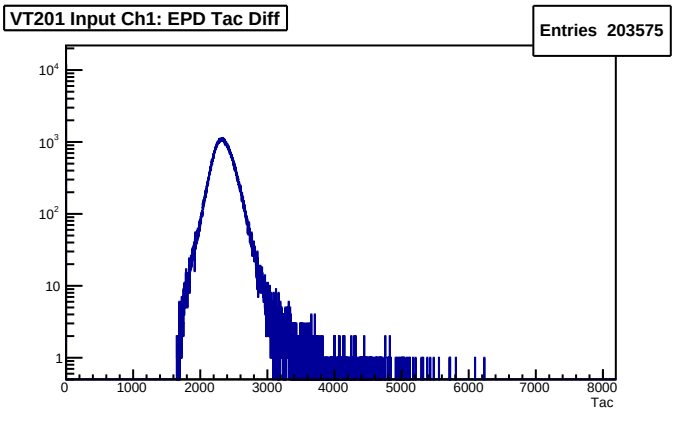

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

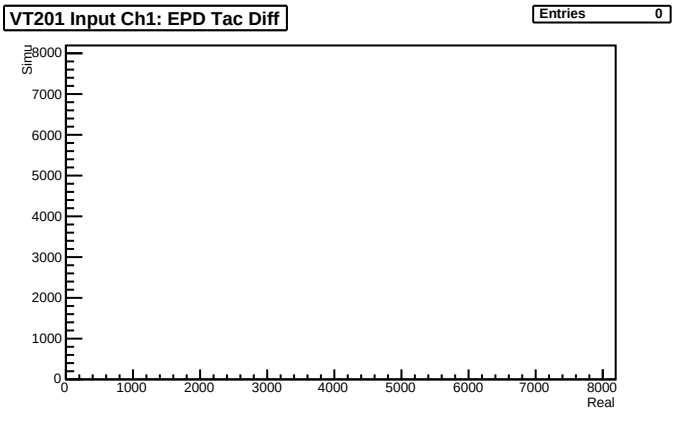

VT201 Input Ch0: BBC Small Tac Diff
Entries 203575
Tac

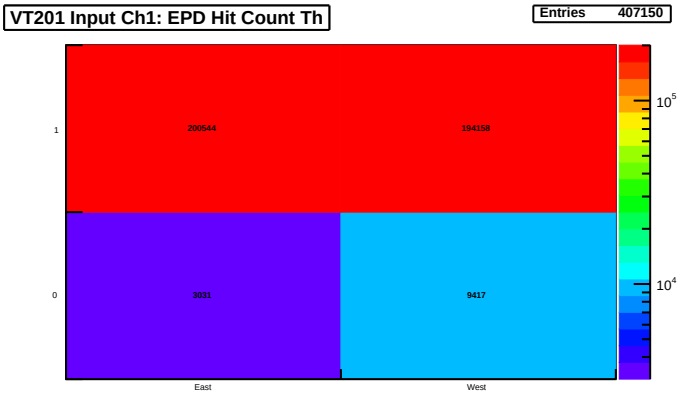

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

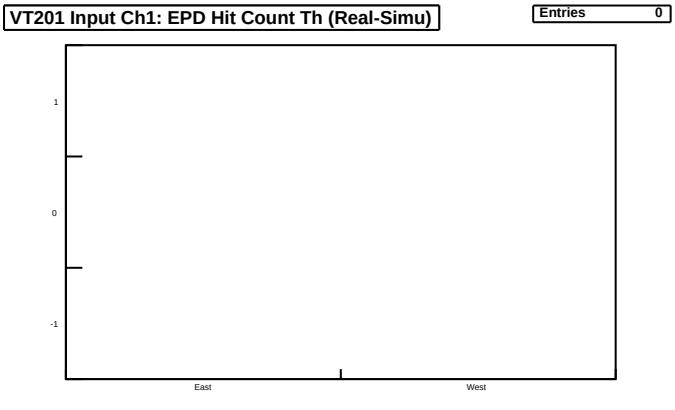

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 407150
150921
182779
52654
20796
East
West

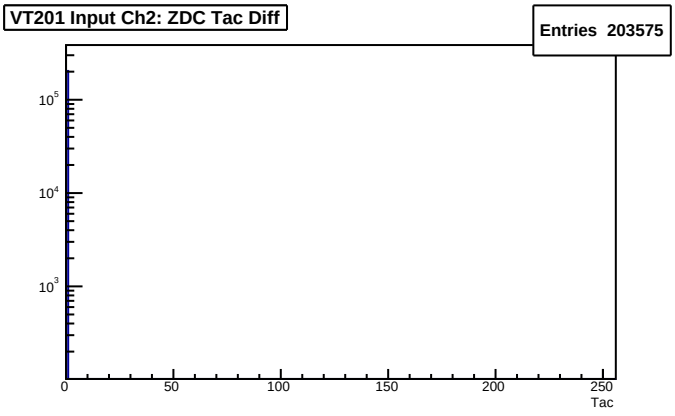

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

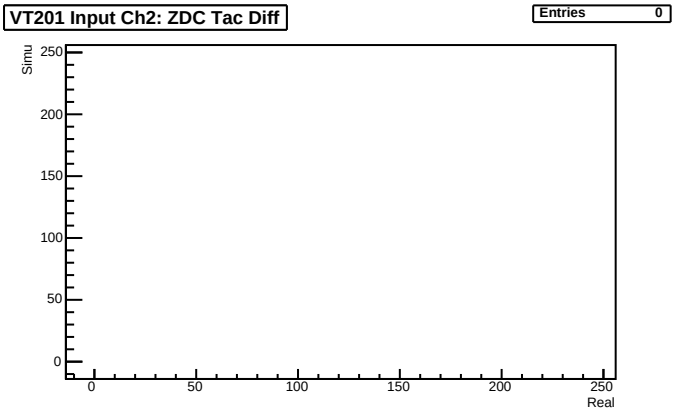

VT201 Input Ch1: EPD Tac Diff
Entries 203575
Tac

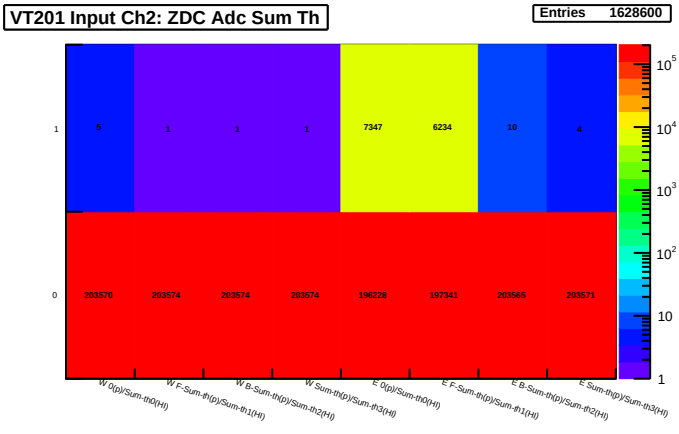

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

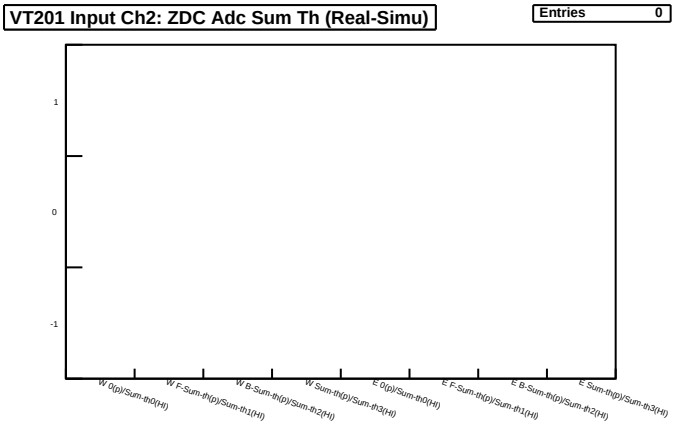

VT201 Input Ch1: EPD Hit Count Th
Entries 407150
200544
194158
3031
9417
East
West

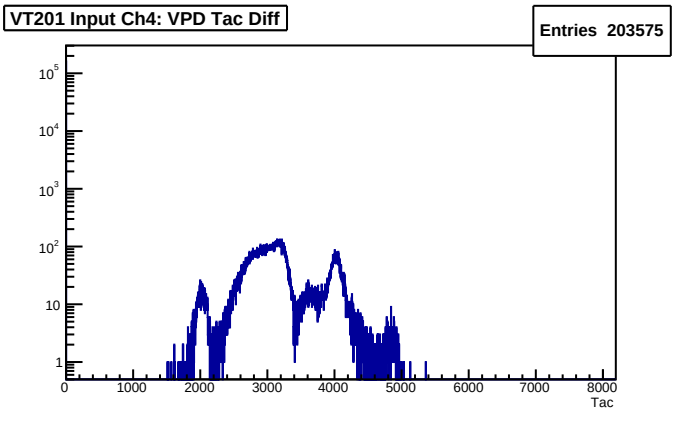

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

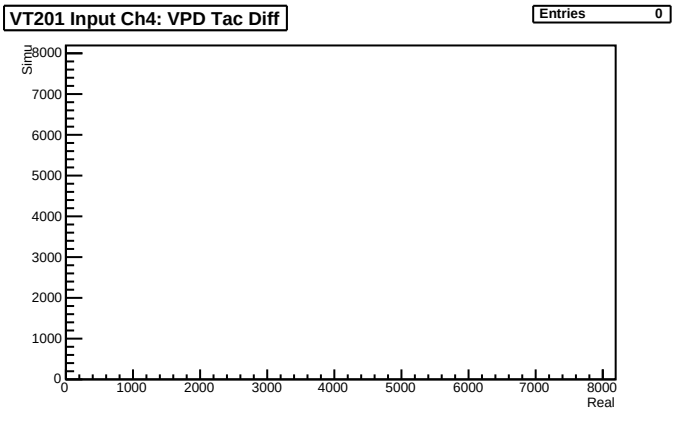

VT201 Input Ch2: ZDC Tac Diff
Entries 203575
Tac

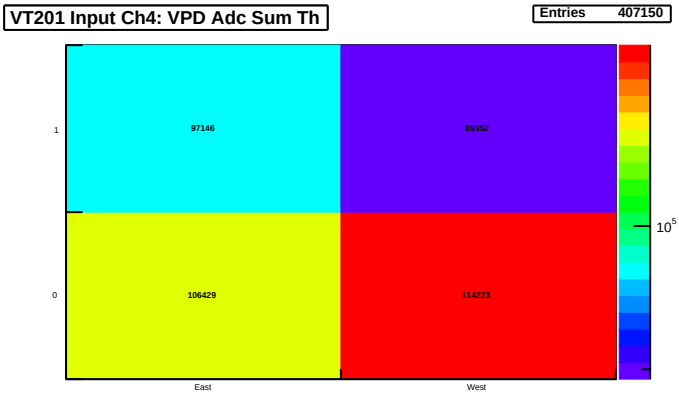

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

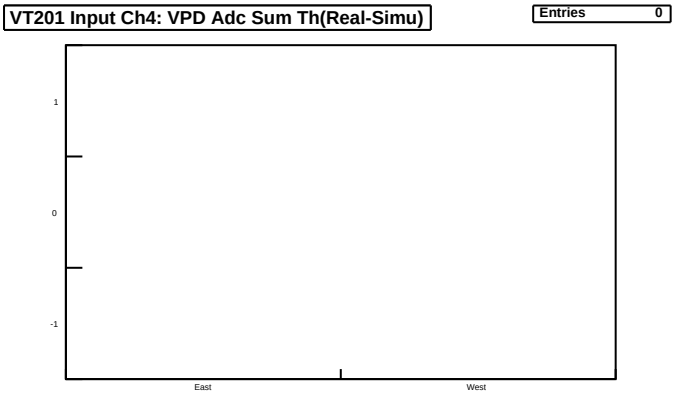

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1628600
5
1
1
1
7347
6234
10
4
203570
203574
203574
203574
196228
197341
203565
203571
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

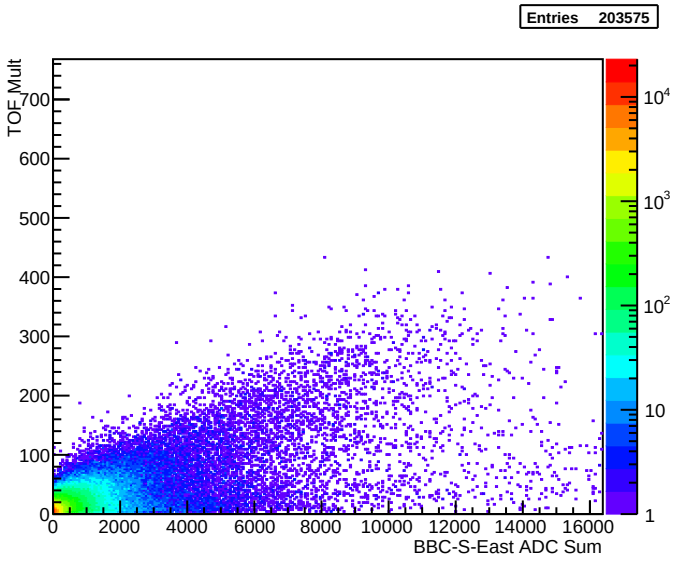

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

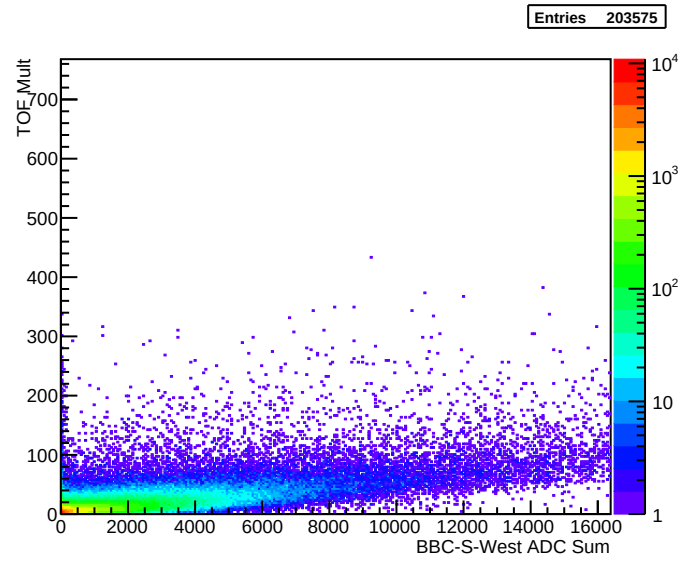

VT201 Input Ch4: VPD Tac Diff
Entries 203575
Tac

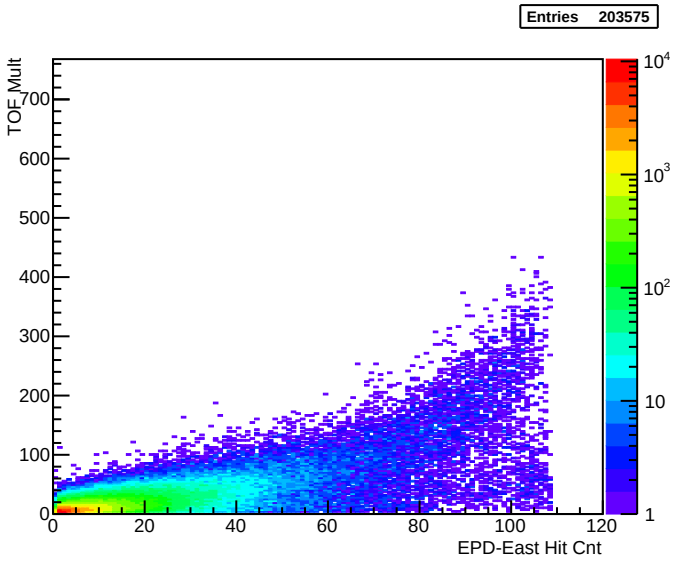

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

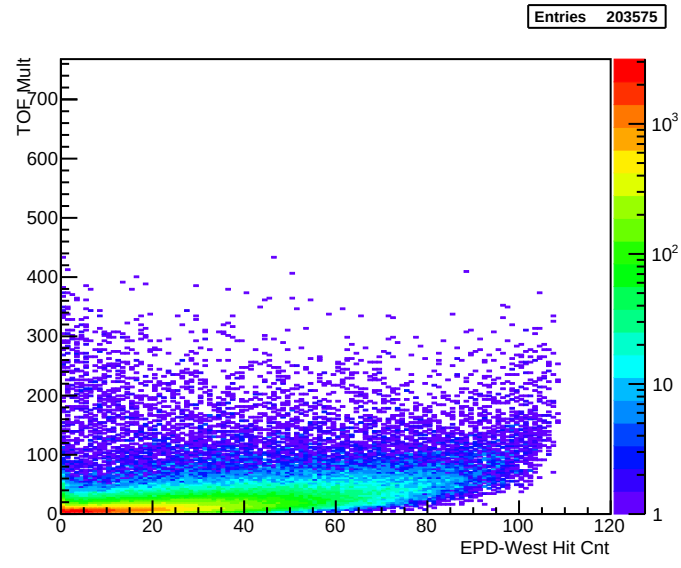

VT201 Input Ch4: VPD Adc Sum Th
Entries 407150
97146
89352
106429
114223
East
West

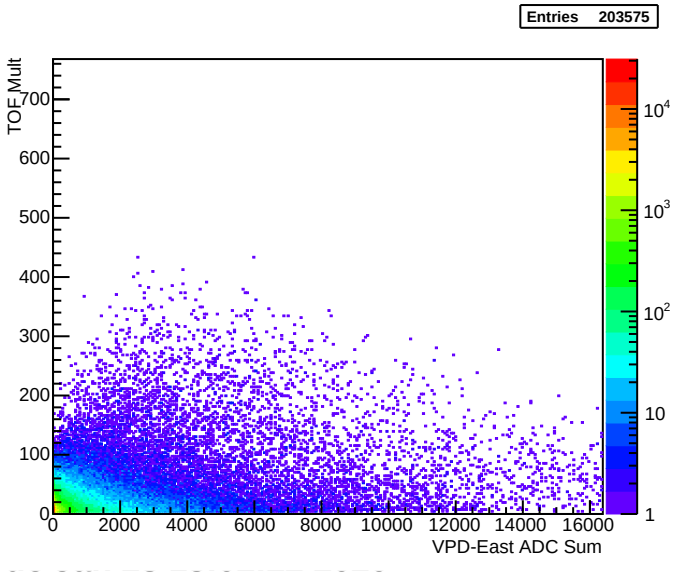

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

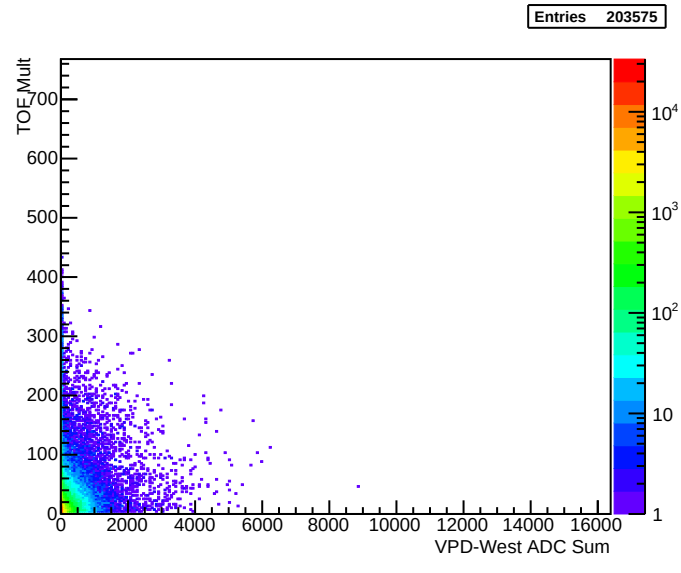

Entries 203575
TOF_Mult
BBC-S-East ADC Sum

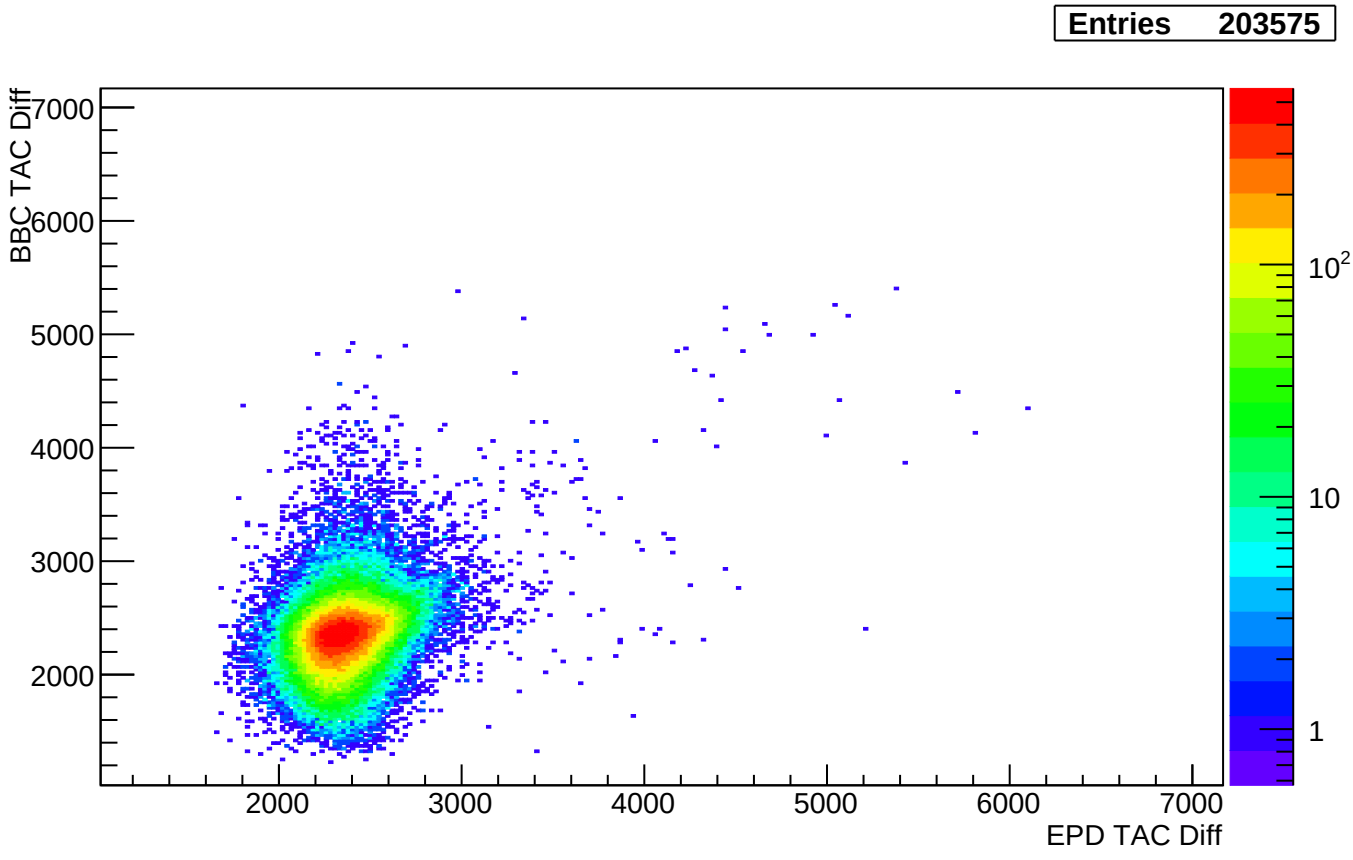

Entries 203575
TOF_Mult
BBC-S-West ADC Sum

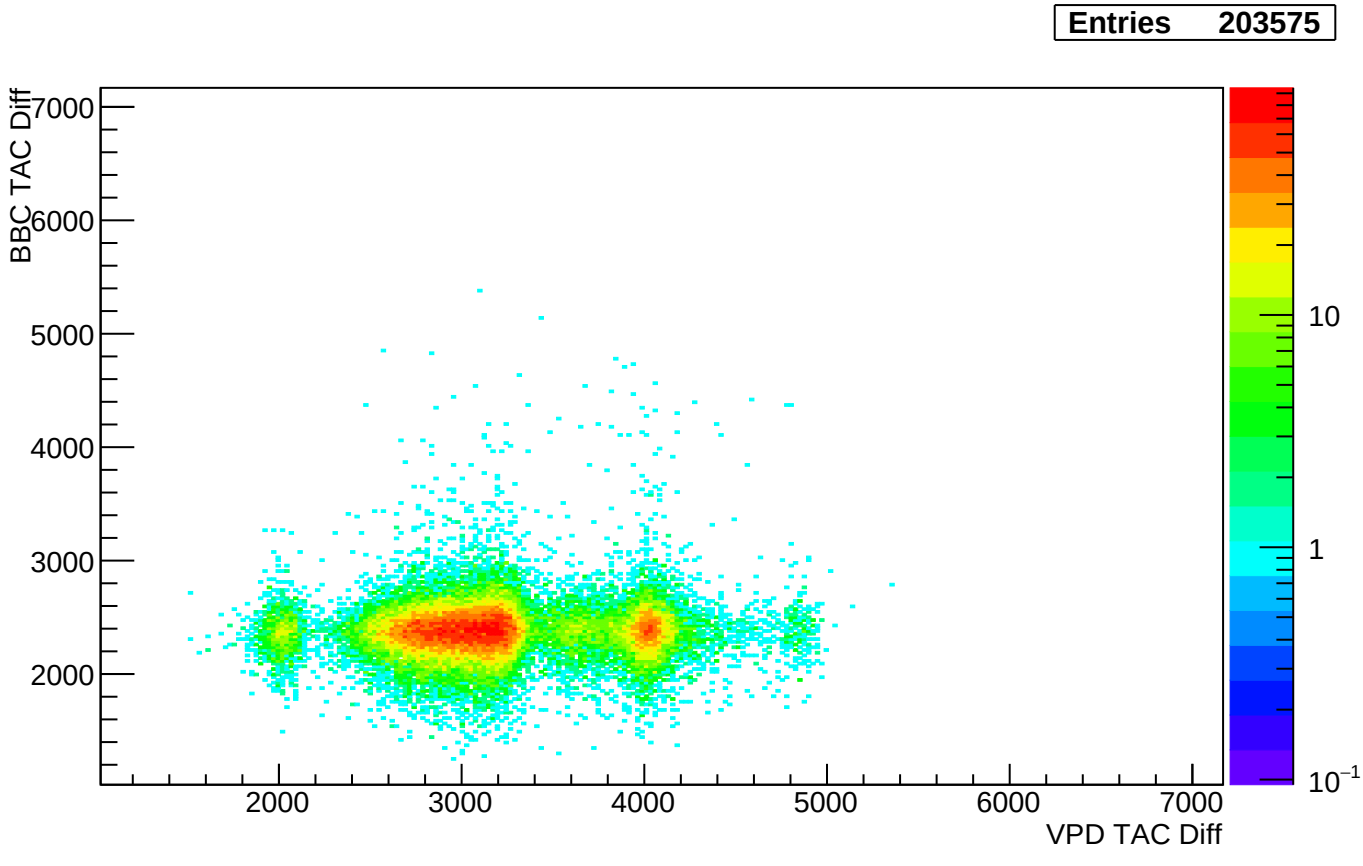

Entries 203575
TOF_Mult
EPD-East Hit Cnt

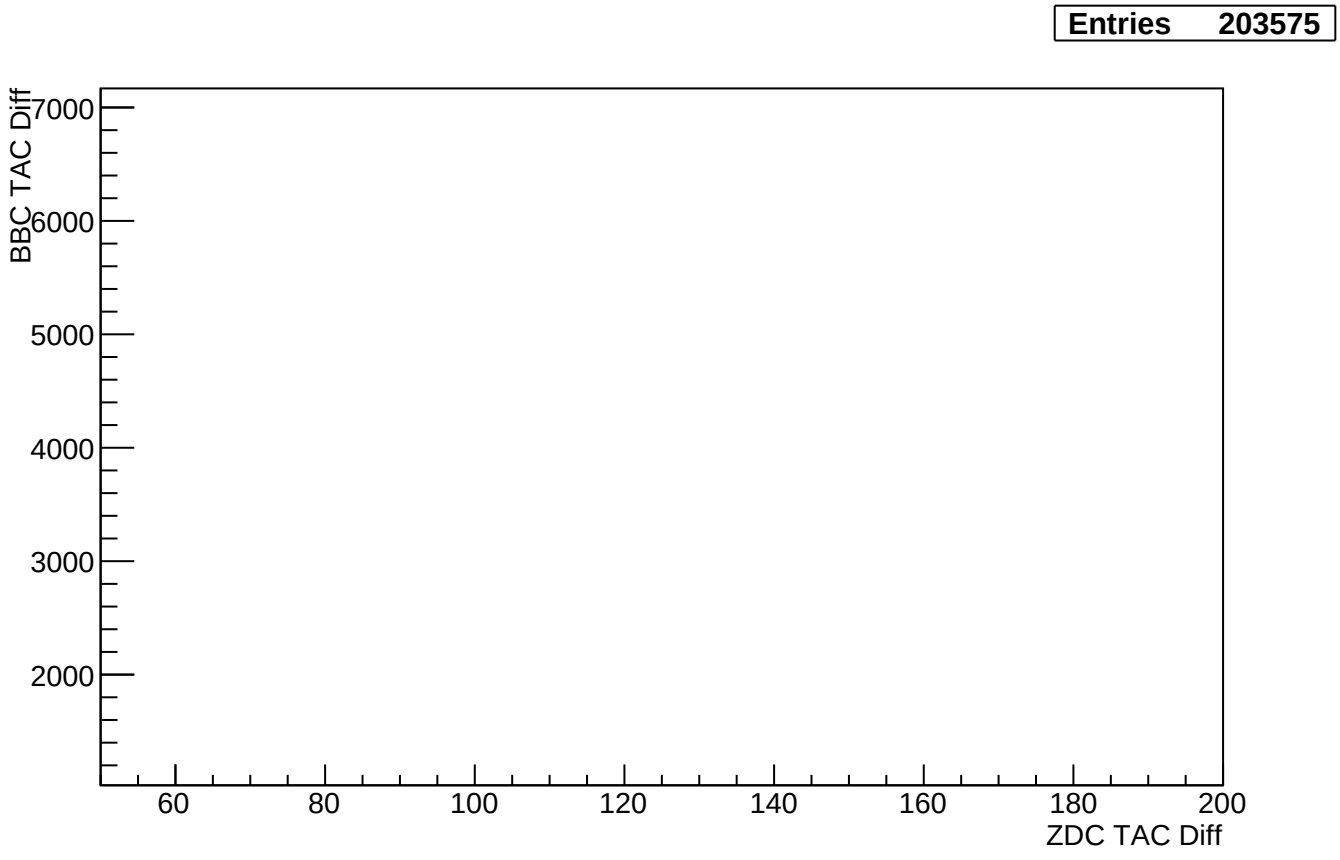

Entries 203575
TOF_Mult
EPD-West Hit Cnt

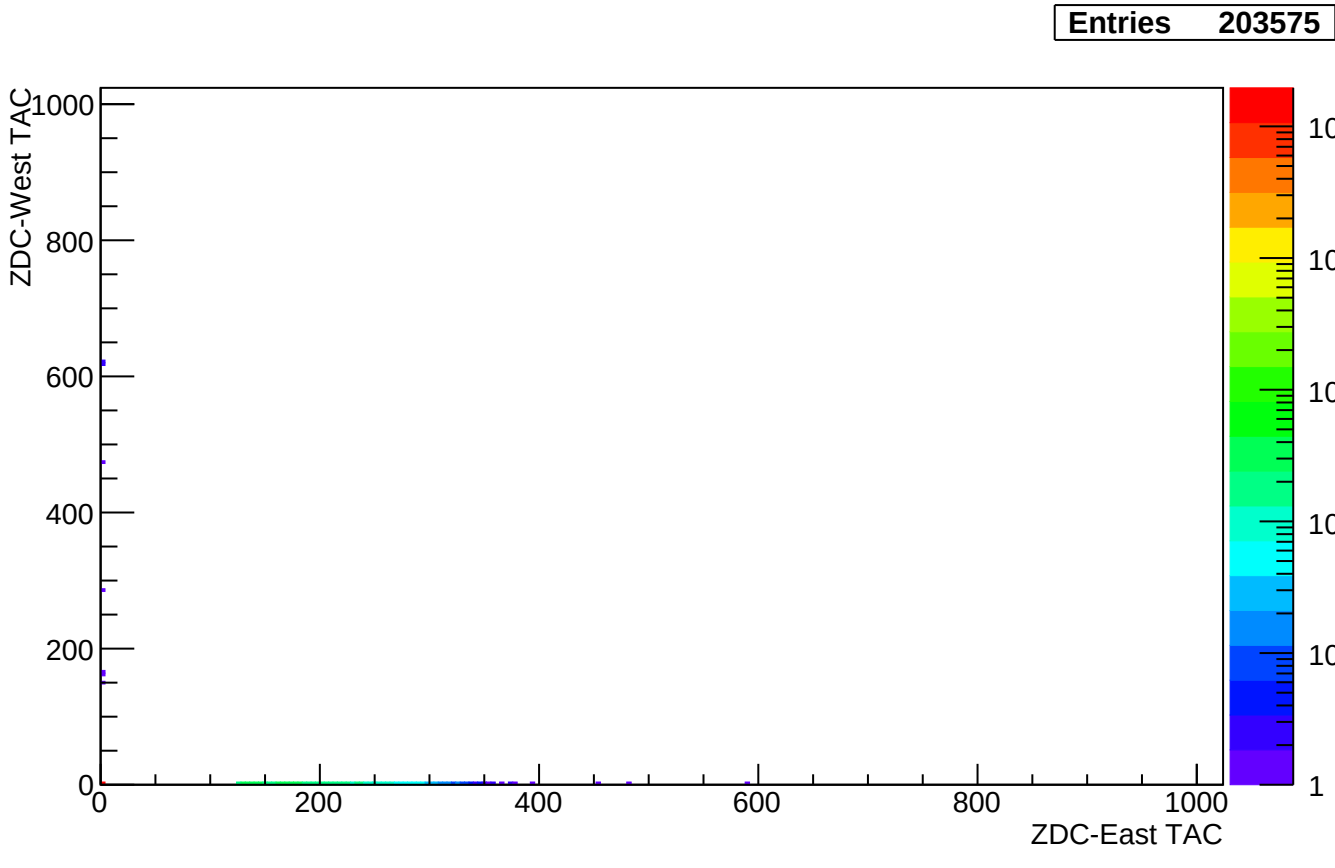

Entries 203575
TOF_Mult
VPD-East ADC Sum

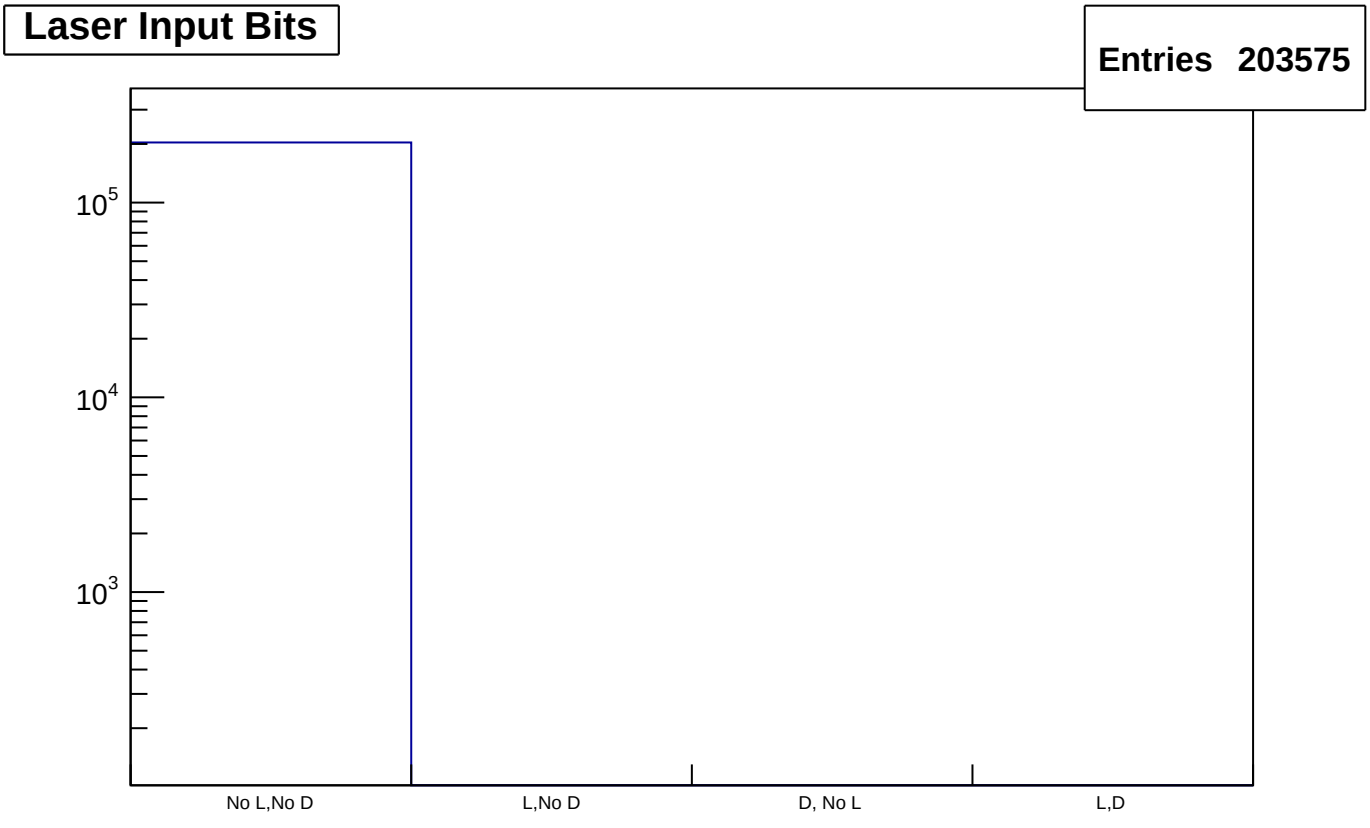

Entries 203575
TOF_Mult
VPD-West ADC Sum

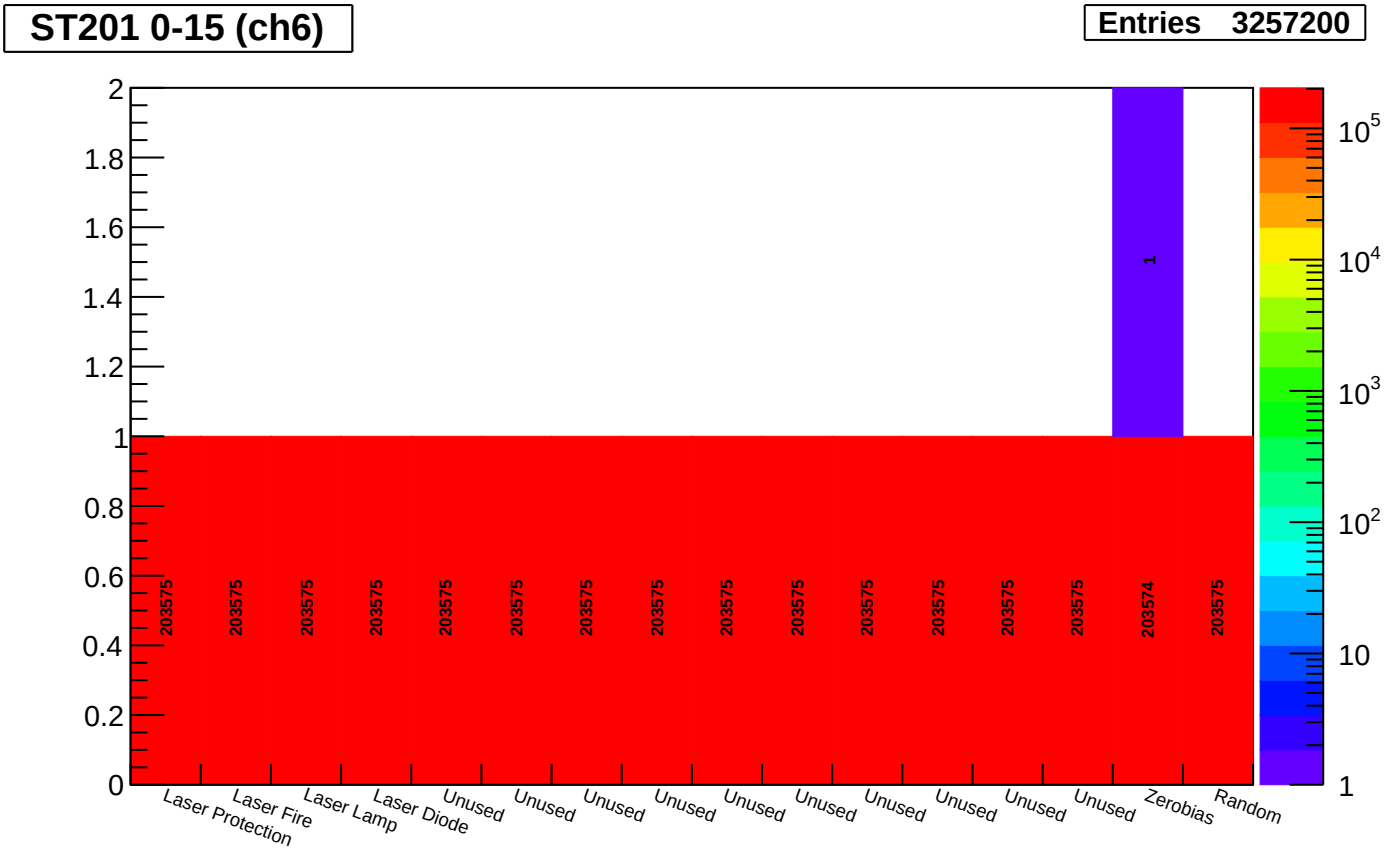

Entries 203575
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

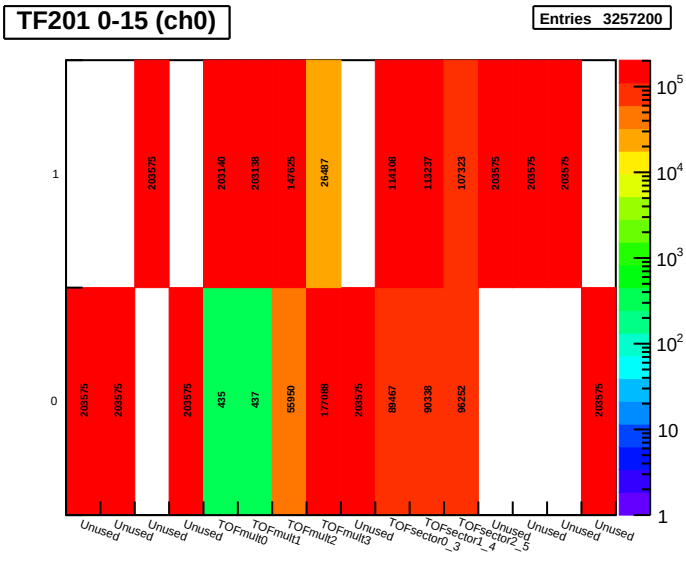

Entries 203575
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

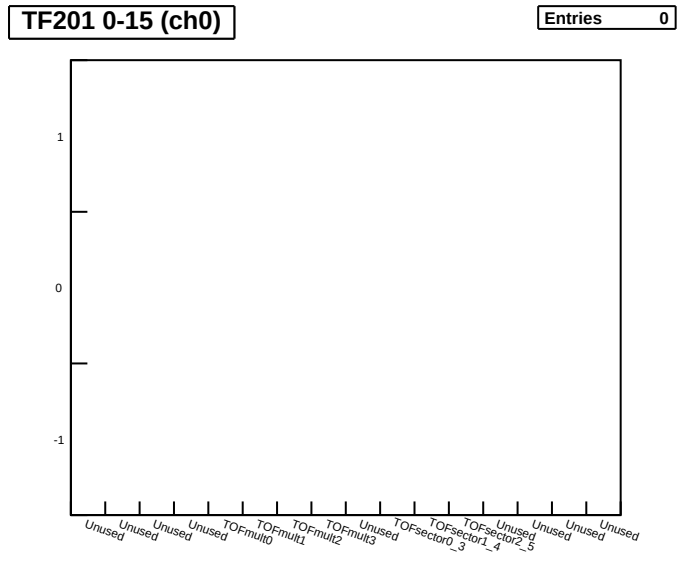

Entries 203575
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

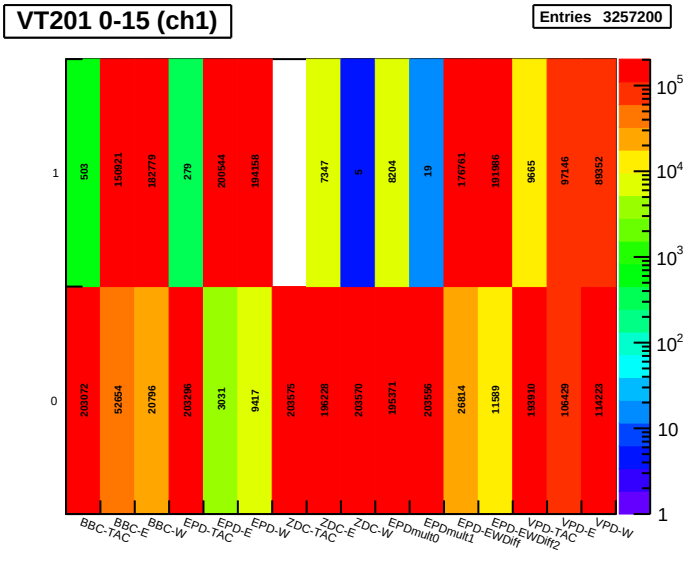

Entries 203575
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

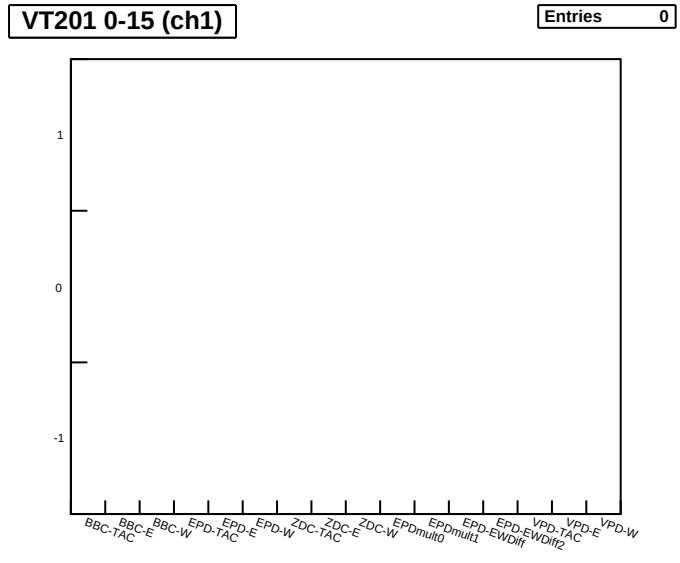

Laser Input Bits
Entries 203575
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

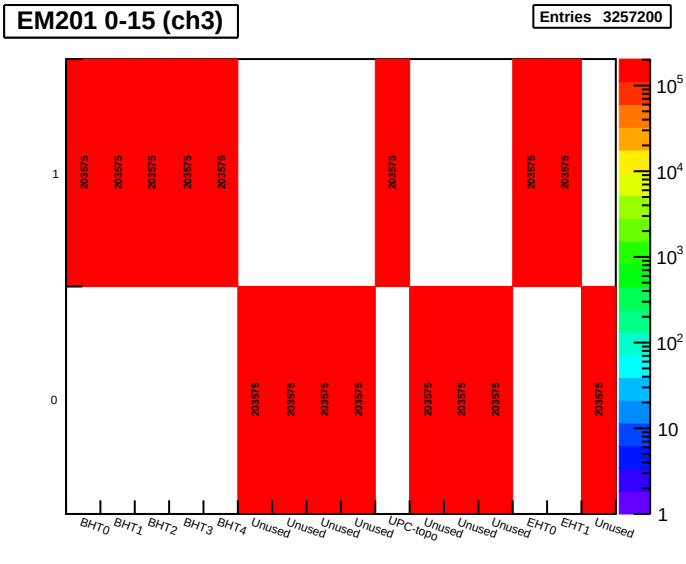

ST201 0-15 (ch6)
Entries 3257200
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
203575
203575
203575
203575
203575
203575
203575
203575
203575
203575
203575
203575
203575
203574
203575
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

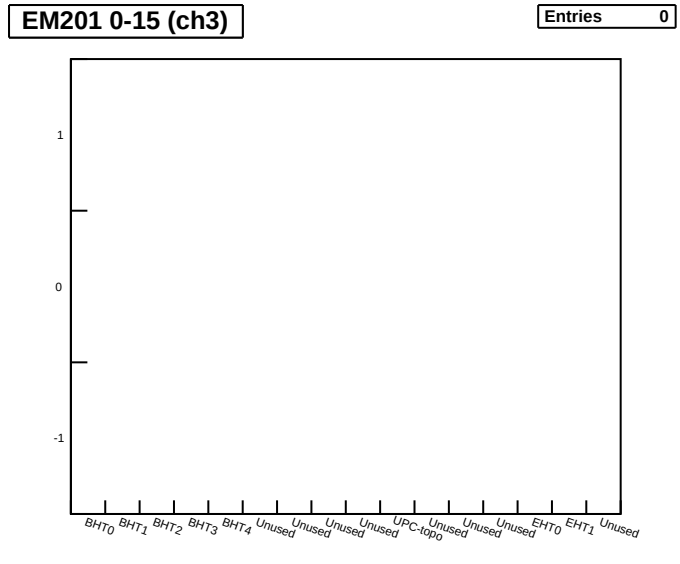

TF201 0-15 (ch0)
Entries 3257200
1
0
203575 203575 203575 435 437 55950 177088 203575 89467 90338 96252 203575
203575 203140 203138 147625 26487 114108 113237 107323 203575 203575 203575
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 3257200
1
0
503 150921 182779 279 200544 194158 7347 5 8204 19 176761 191986 9665 97146 83352
203072 52654 20796 203296 3031 9417 203575 198228 203570 195371 203556 26814 11589 193910 106429 114223
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 3257200
1
0
203575 203575 203575 203575 203575 203575 203575 203575
203575 203575 203575 203575 203575 203575 203575 203575
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