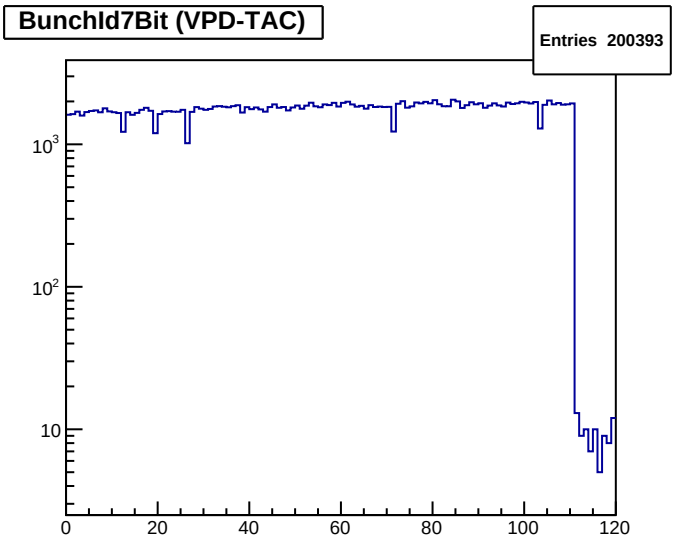
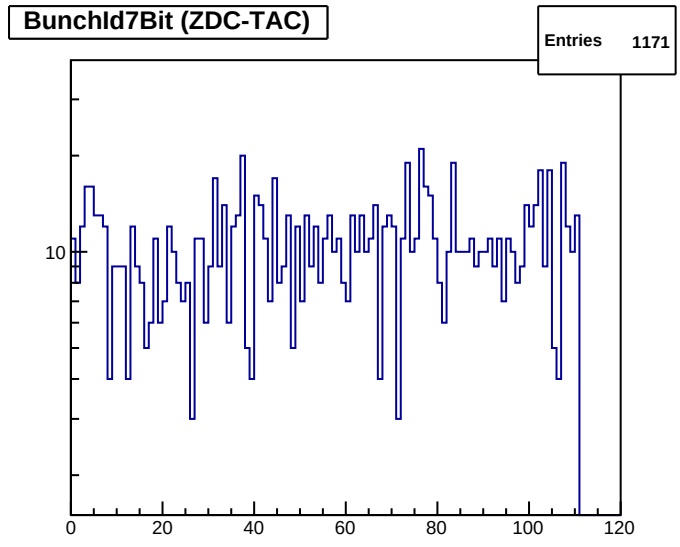
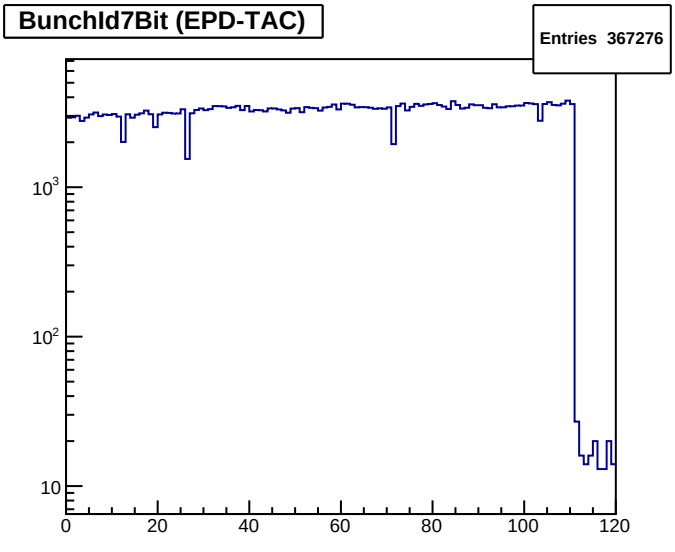
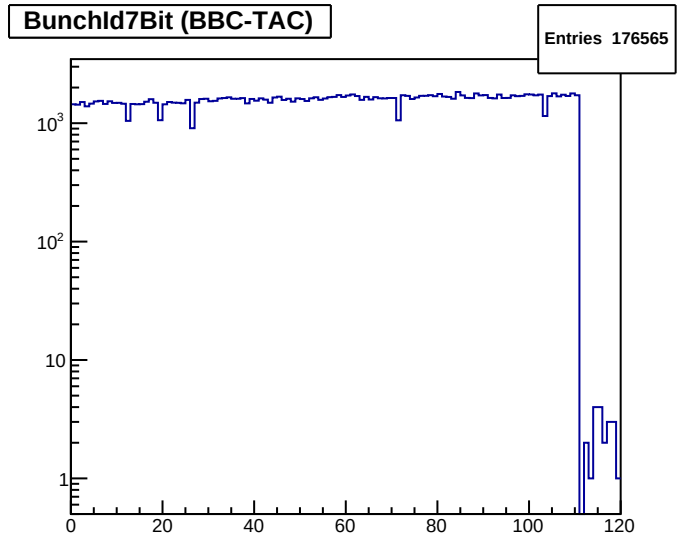
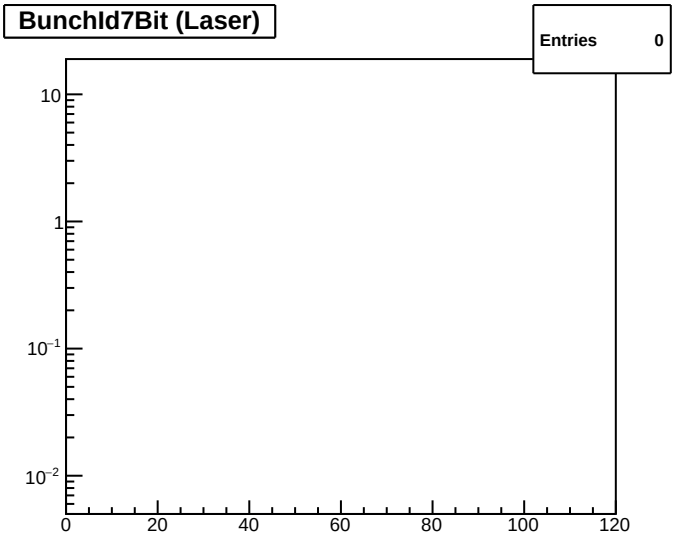
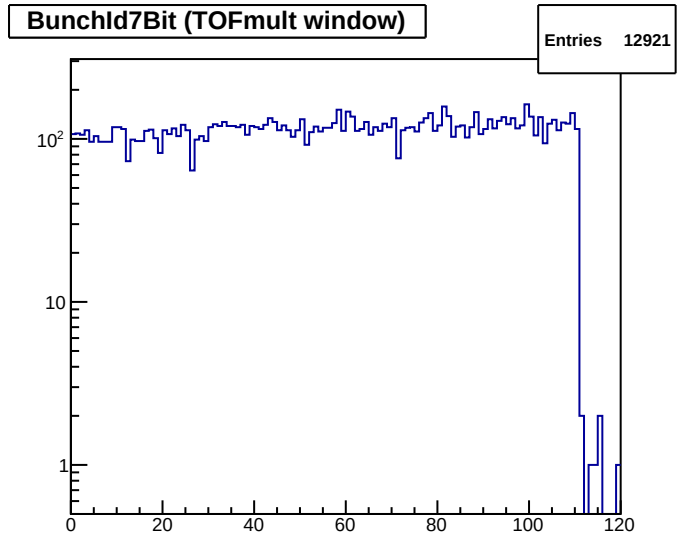

BunchId7Bit (VPD-TAC)
Entries 200393

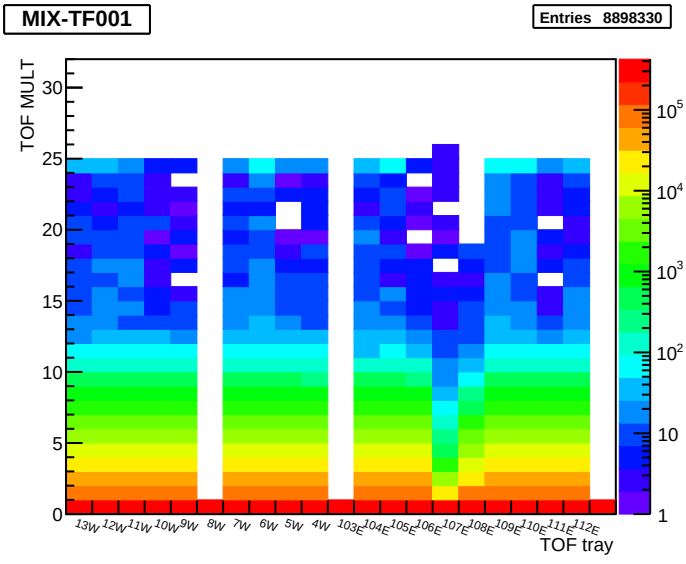

BunchId7Bit (ZDC-TAC)
Entries 1171

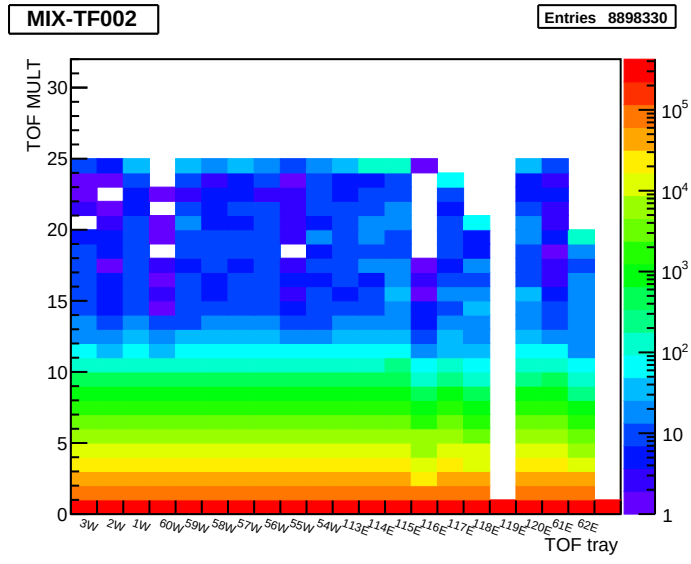

BunchId7Bit (EPD-TAC)
Entries 367276

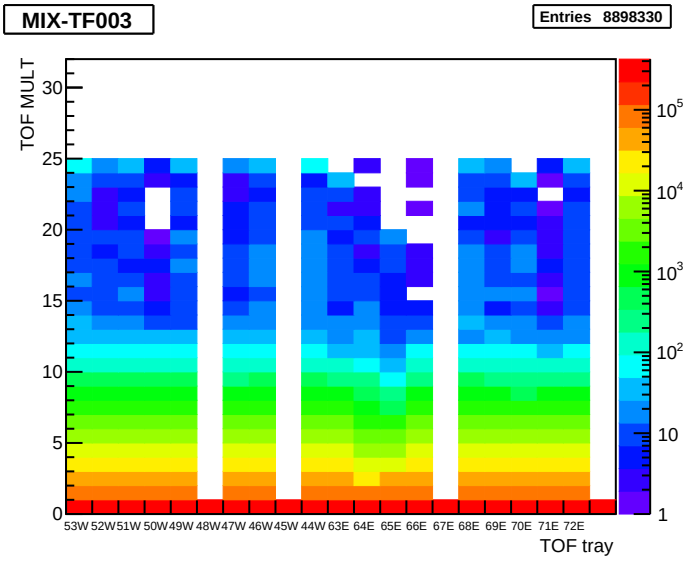

BunchId7Bit (BBC-TAC)
Entries 176565

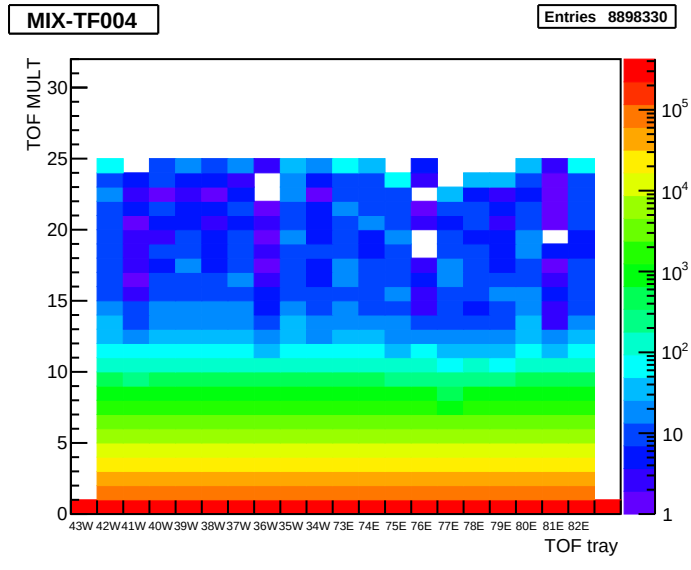

BunchId7Bit (Laser)
Entries 0

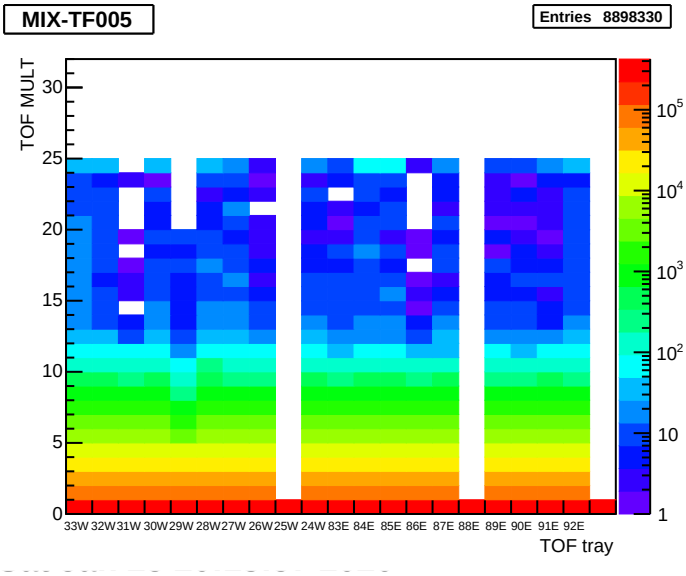

BunchId7Bit (TOFmult window)
Entries 12921

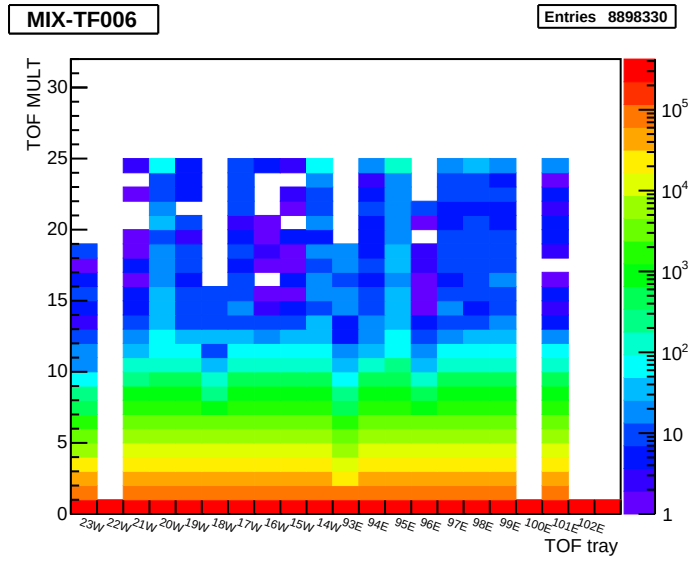

MIX-TF001
Entries 8898330
TOF MULT
TOF tray

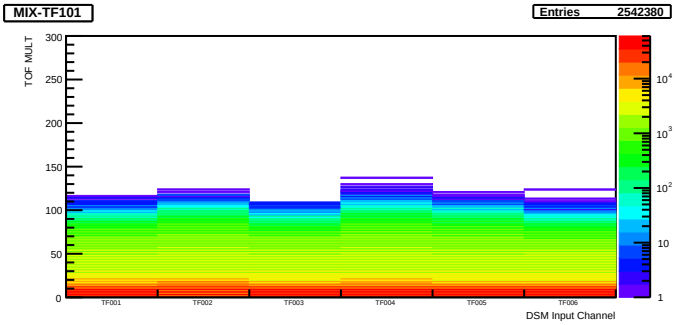

MIX-TF002
Entries 8898330
TOF MULT
TOF tray

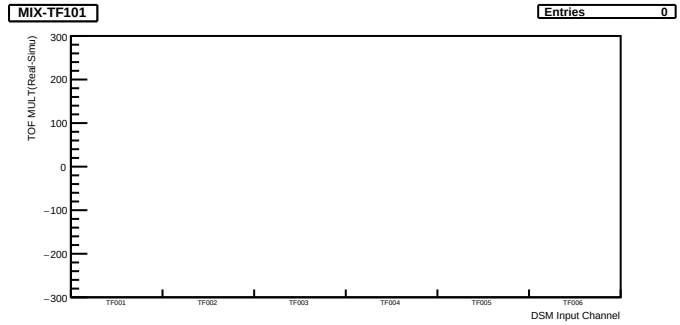

MIX-TF003
Entries 8898330
TOF MULT
TOF tray

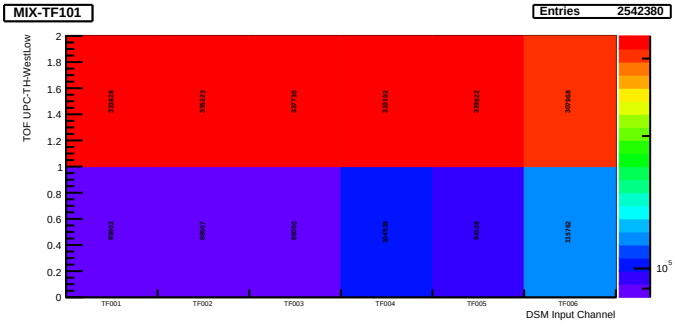

MIX-TF004
Entries 8898330
TOF MULT
TOF tray

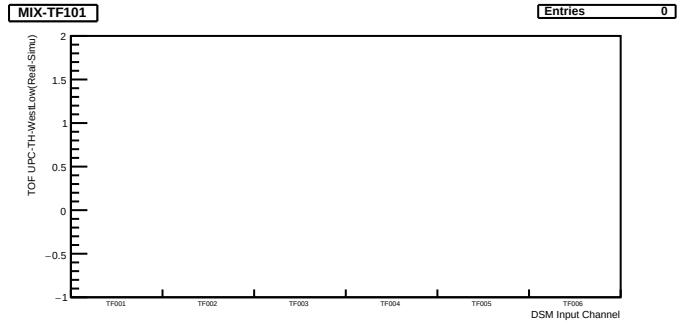

MIX-TF005
Entries 8898330
TOF MULT
TOF tray

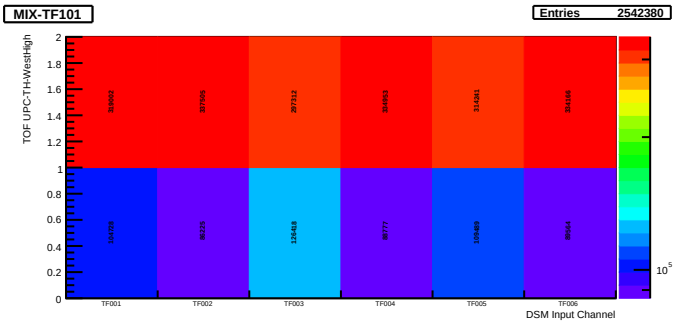

MIX-TF006
Entries 8898330
TOF MULT
TOF tray

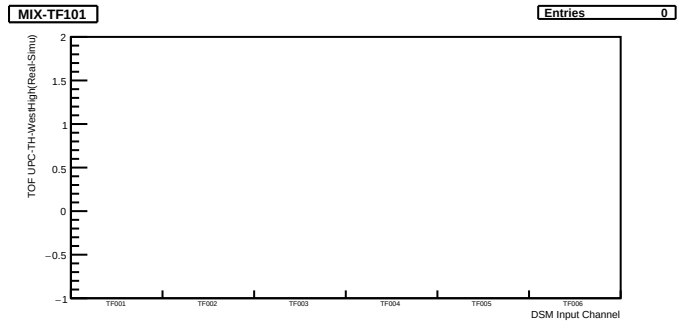

MIX-TF101
Entries 2542380
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

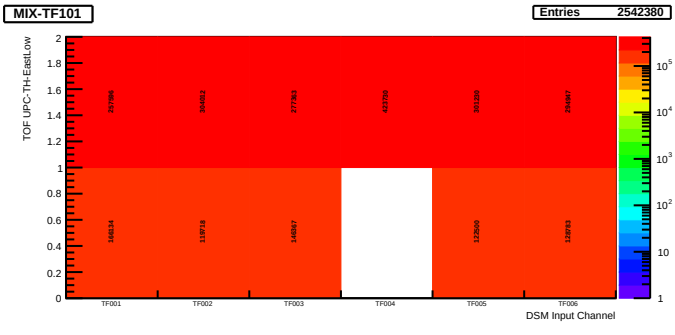

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

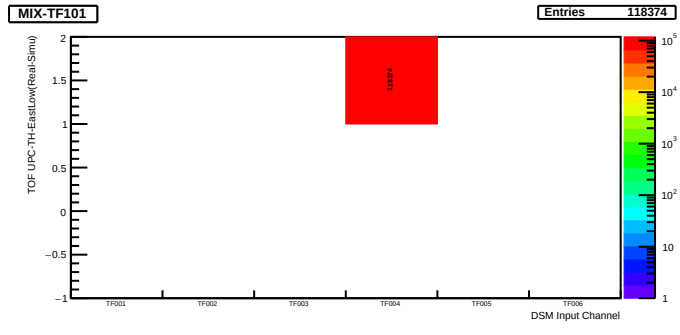

MIX-TF101
Entries 2542380
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

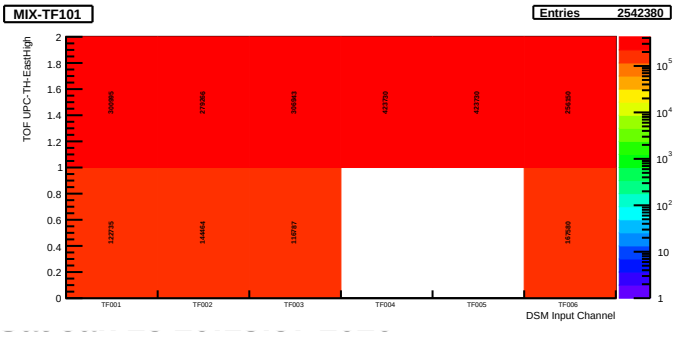

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

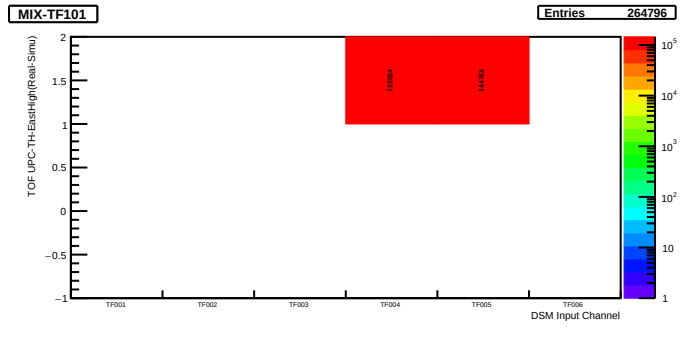

MIX-TF101
Entries 2542380
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

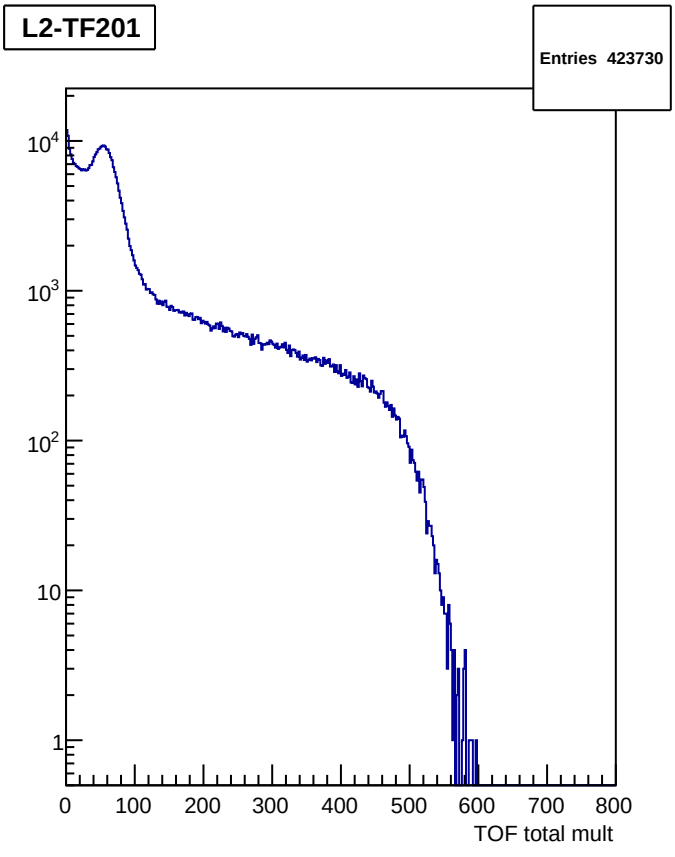

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

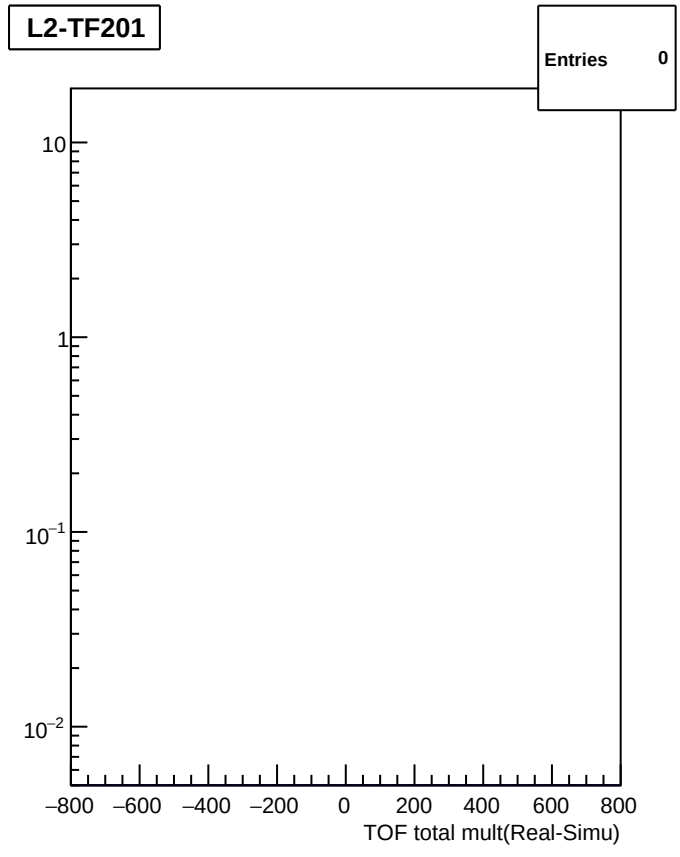

MIX-TF101
Entries 2542380
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

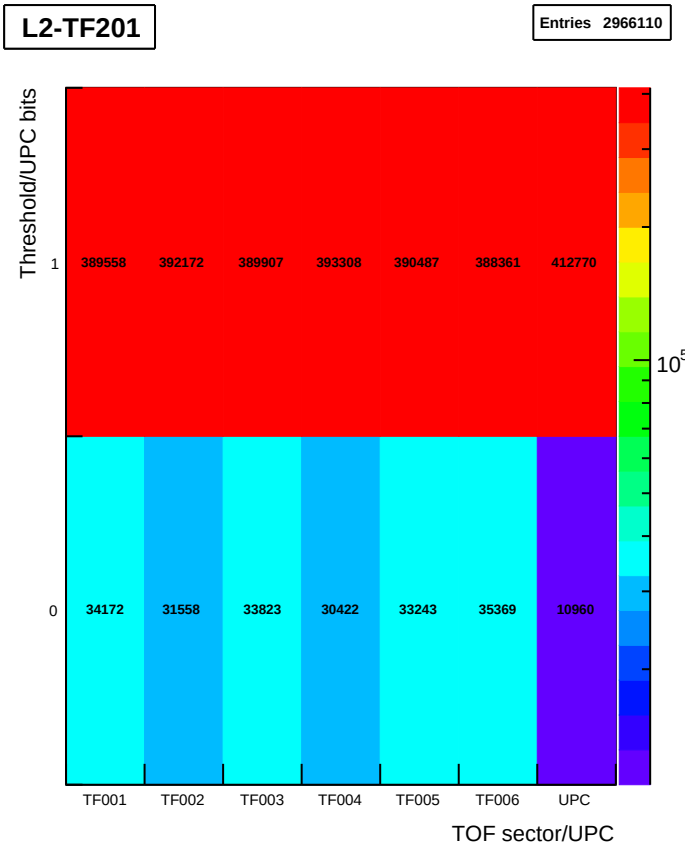

MIX-TF101
Entries 118374
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

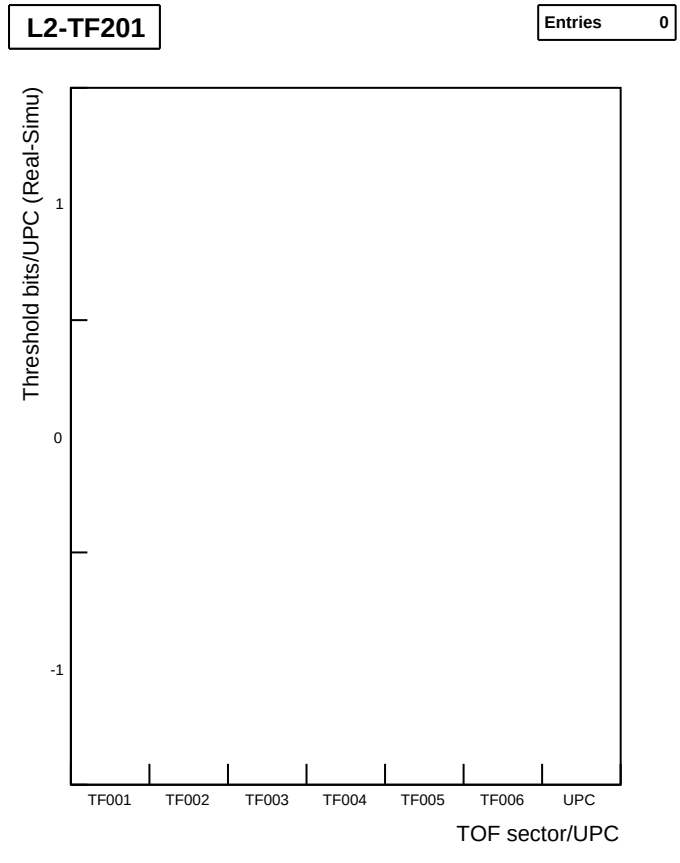

MIX-TF101
Entries 2542380
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

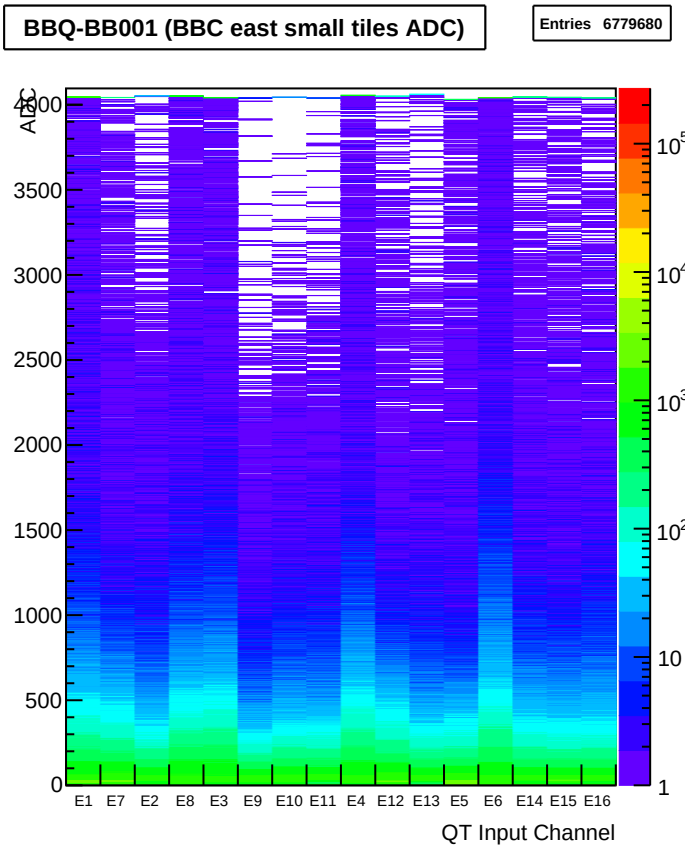

MIX-TF101
Entries 264796
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

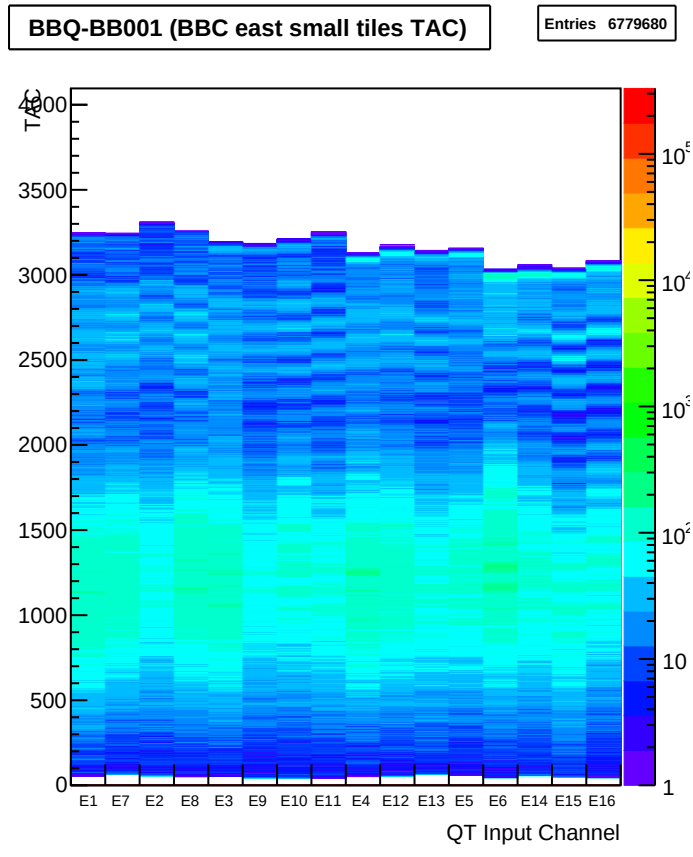

L2-TF201
Entries 423730
TOF total mult

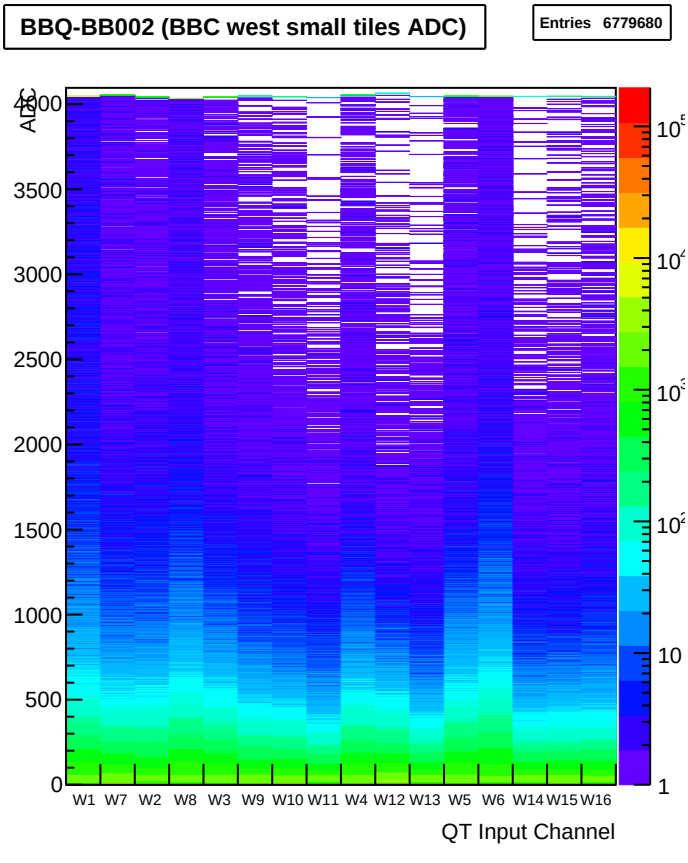

L2-TF201
Entries 0
TOF total mult(Real-Simu)

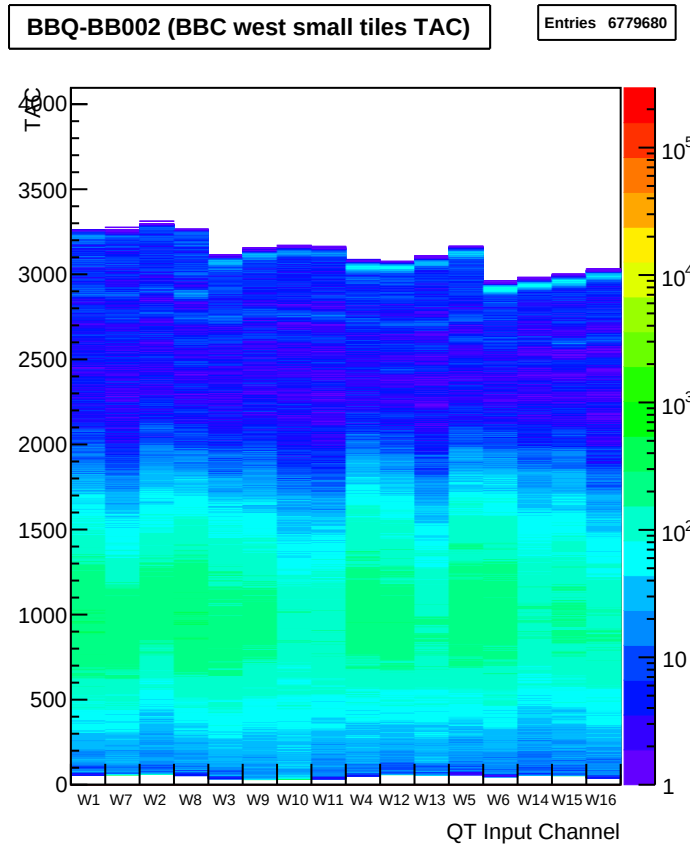

L2-TF201
Entries 2966110
Threshold/UPC bits
389558
392172
389907
393308
390487
388361
412770
34172
31558
33823
30422
33243
35369
10960
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

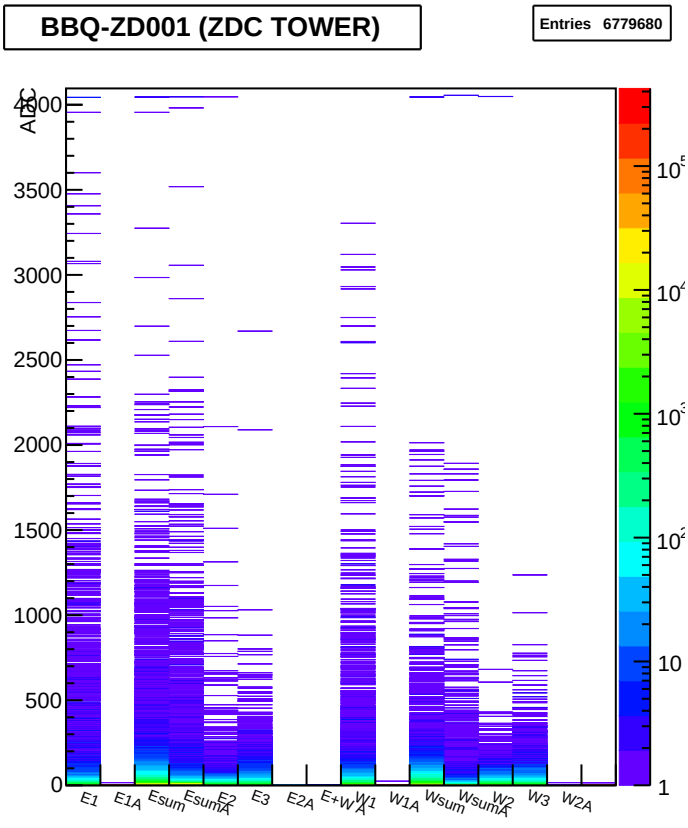

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

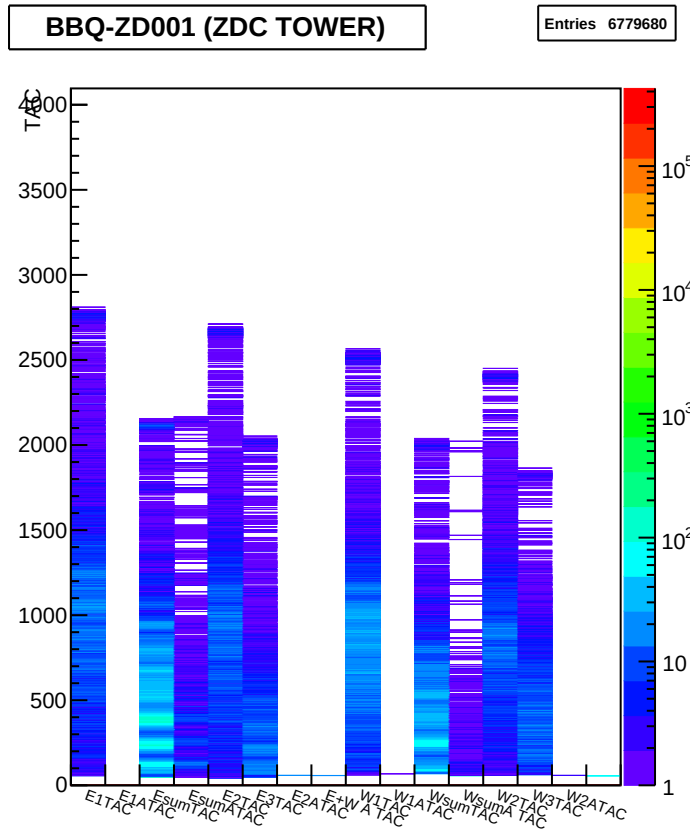

BBQ-BB001 (BBC east small tiles ADC)
Entries 6779680
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

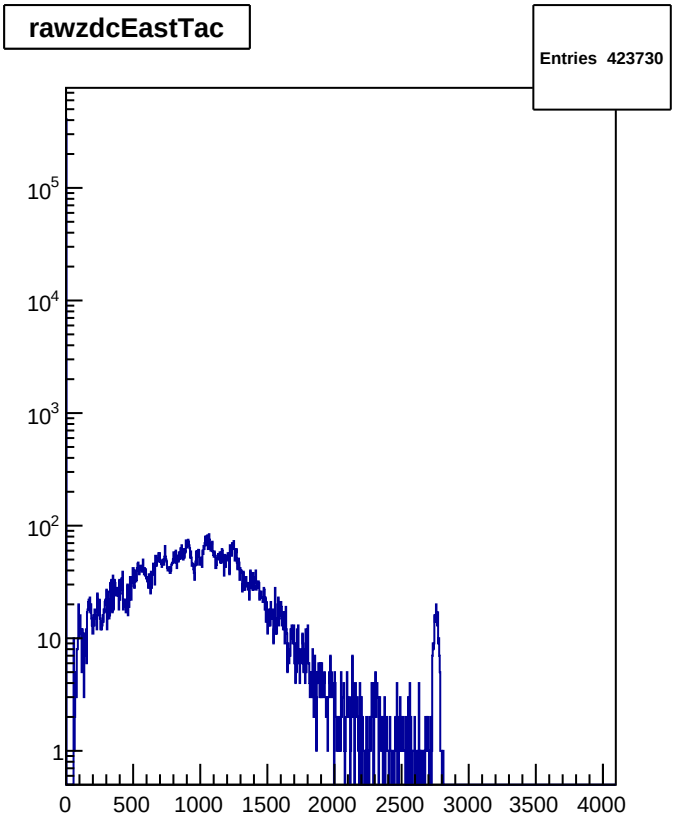

BBQ-BB001 (BBC east small tiles TAC)
Entries 6779680
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

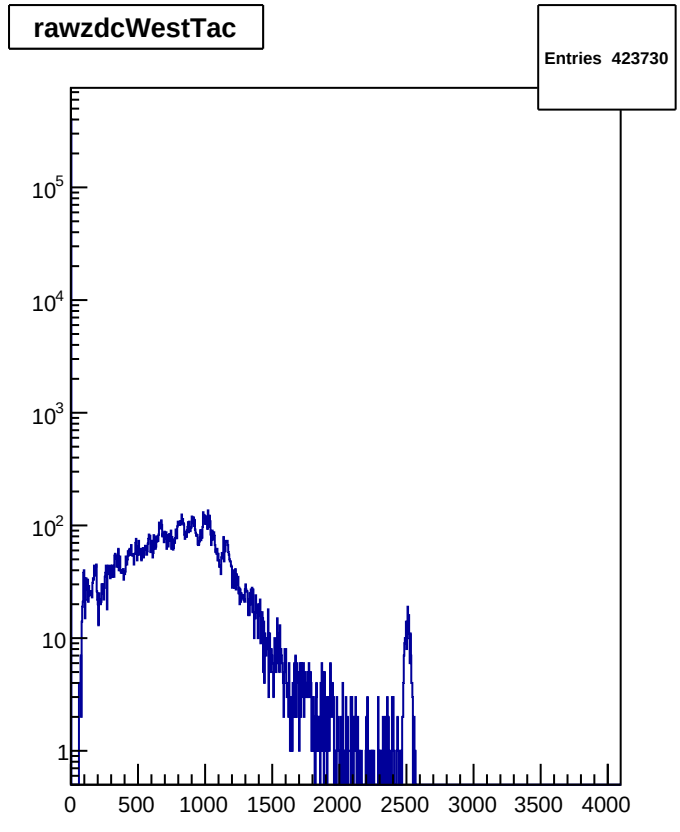

BBQ-BB002 (BBC west small tiles ADC)
Entries 6779680
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

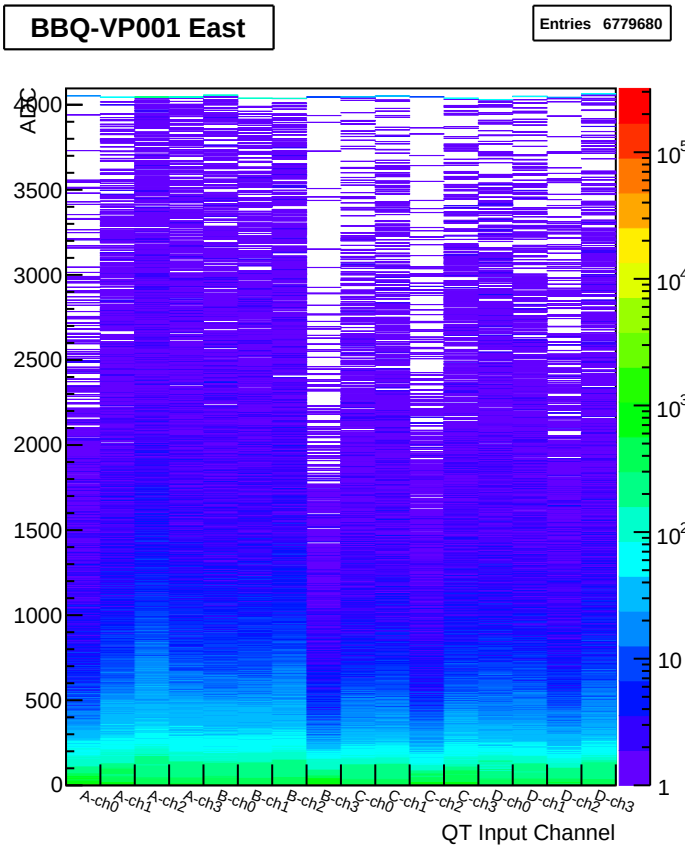

BBQ-BB002 (BBC west small tiles TAC)
Entries 6779680
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

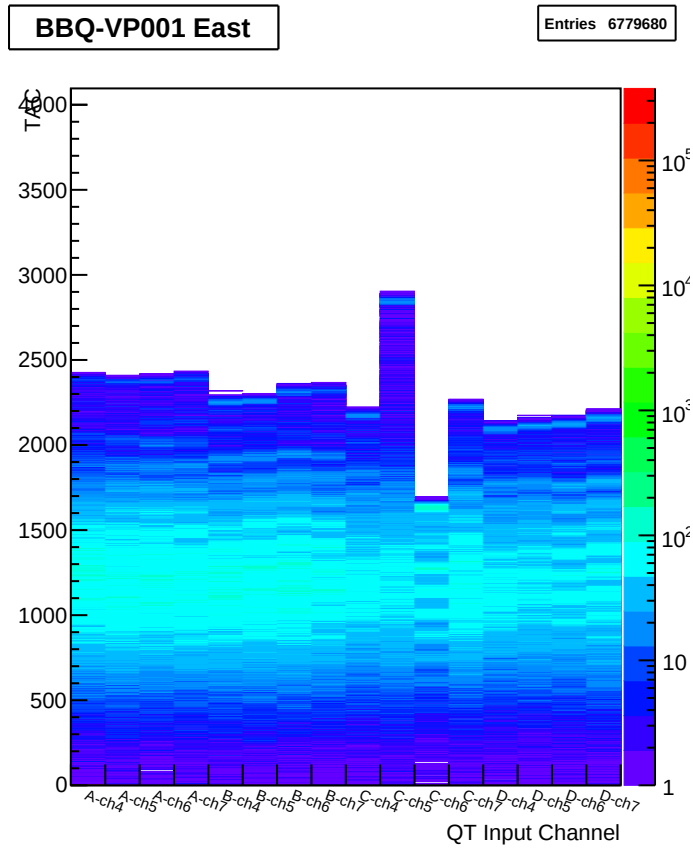

BBQ-ZD001 (ZDC TOWER)
Entries 6779680
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1
Wsum
WsumA
W2
W3
W2A

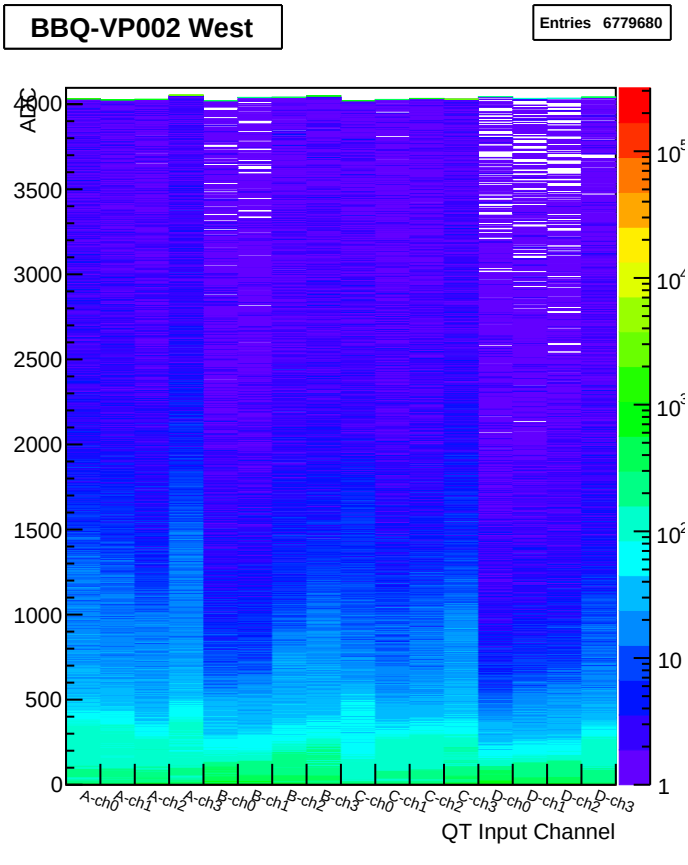

BBQ-ZD001 (ZDC TOWER)
Entries 6779680
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

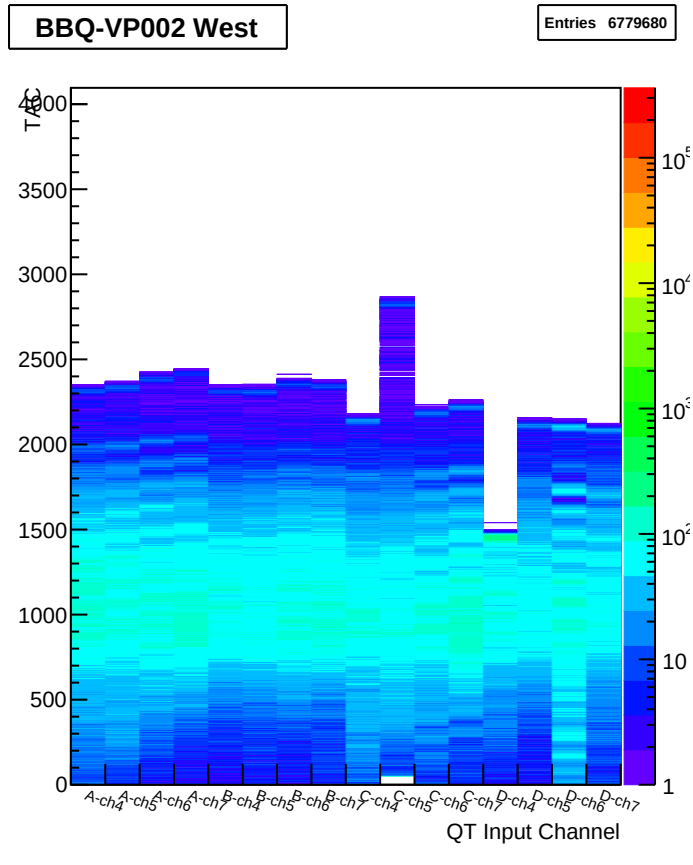

rawzdcEastTac
Entries 423730

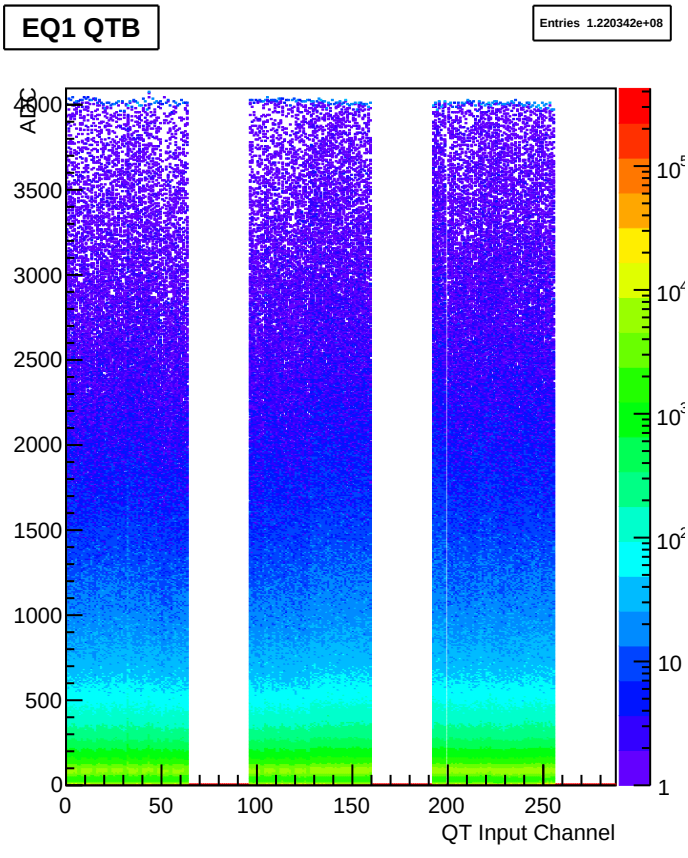

rawzdcWestTac
Entries 423730

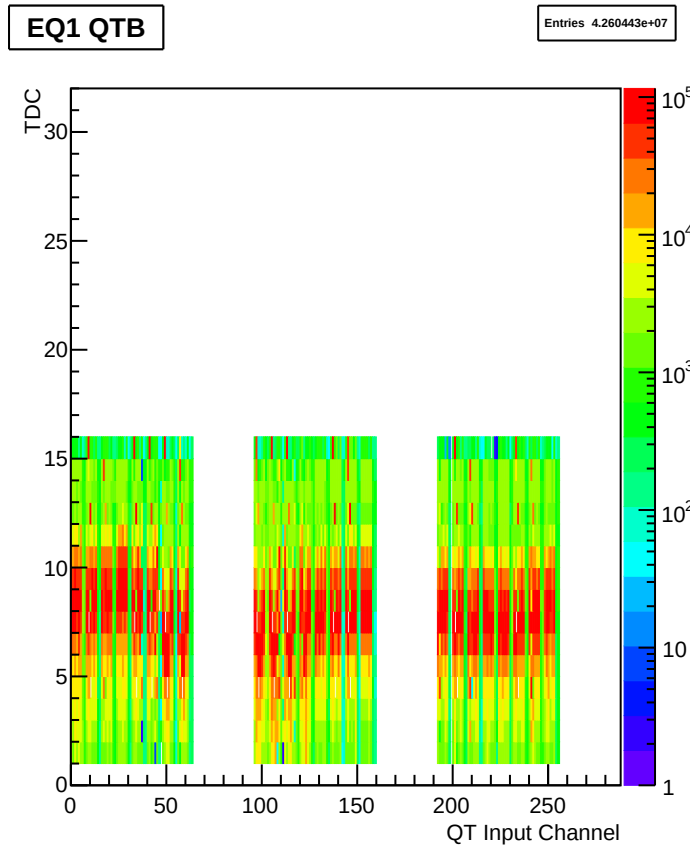

BBQ-VP001 East
Entries 6779680
ADC
QT Input Channel

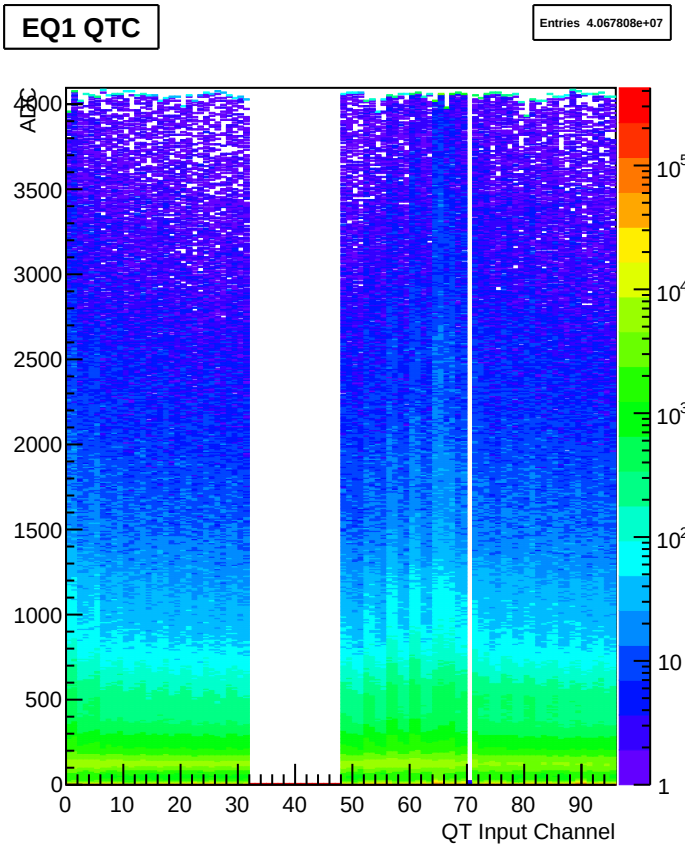

BBQ-VP001 East
Entries 6779680
TAC
QT Input Channel

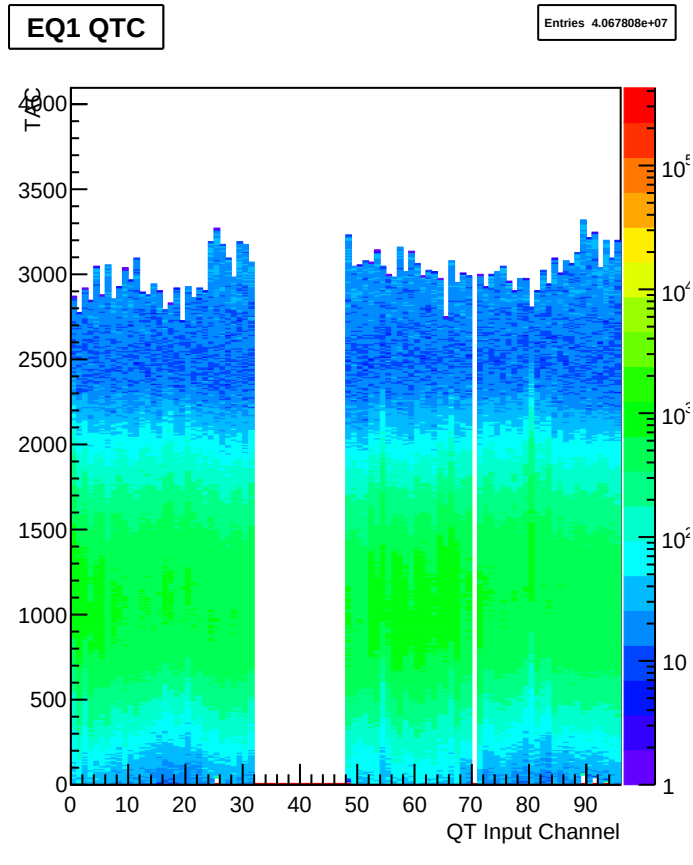

BBQ-VP002 West
Entries 6779680
ADC
QT Input Channel

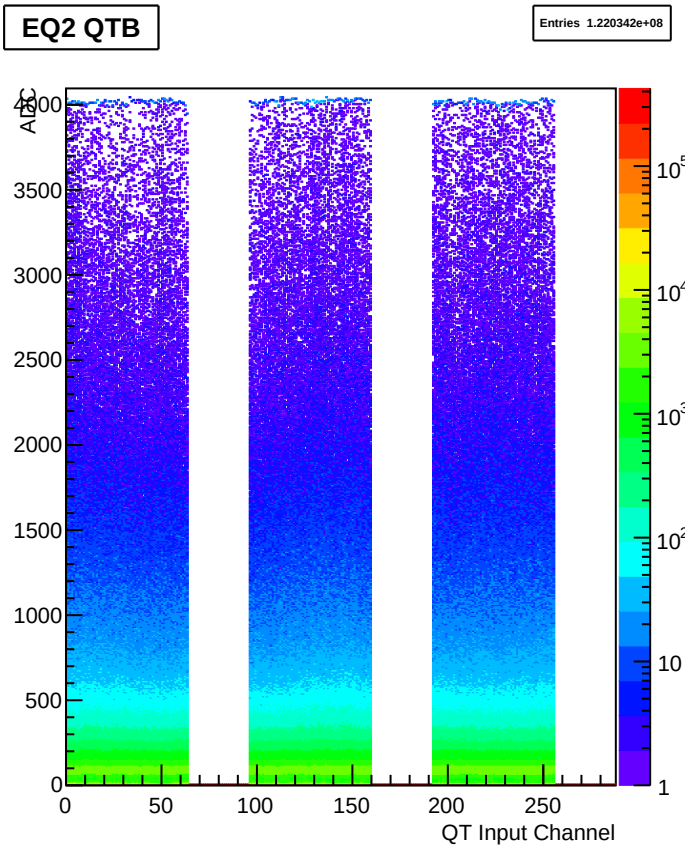

BBQ-VP002 West
Entries 6779680
TAC
QT Input Channel

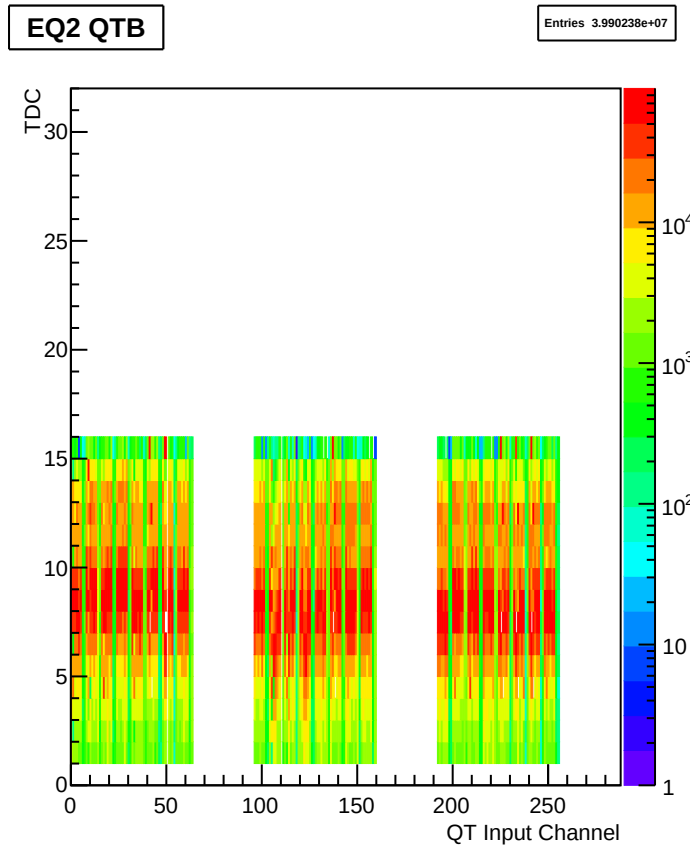

EQ1 QTB
Entries 1.220342e+08
ADC
QT Input Channel

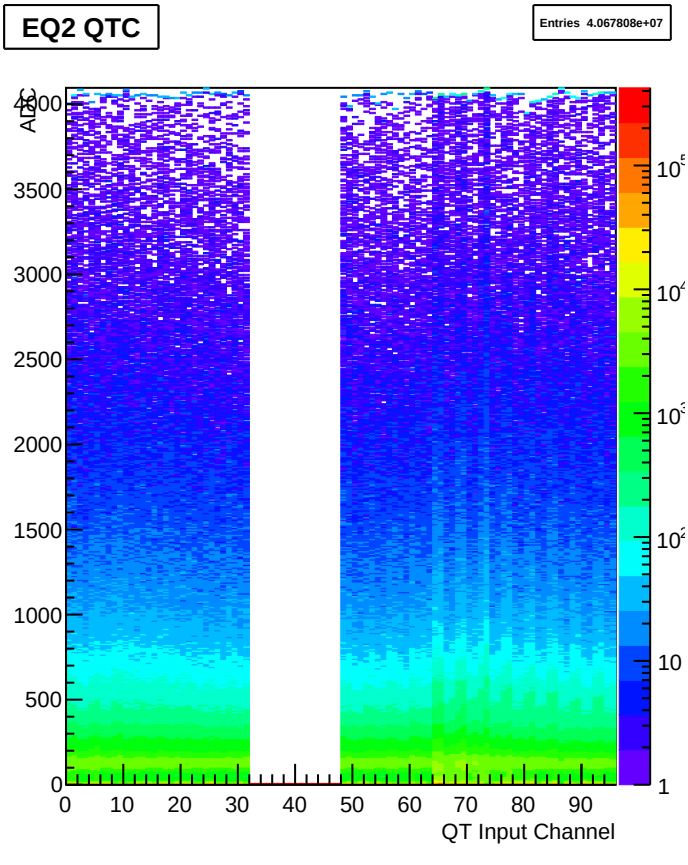

EQ1 QTB
Entries 4.260443e+07
TDC
QT Input Channel

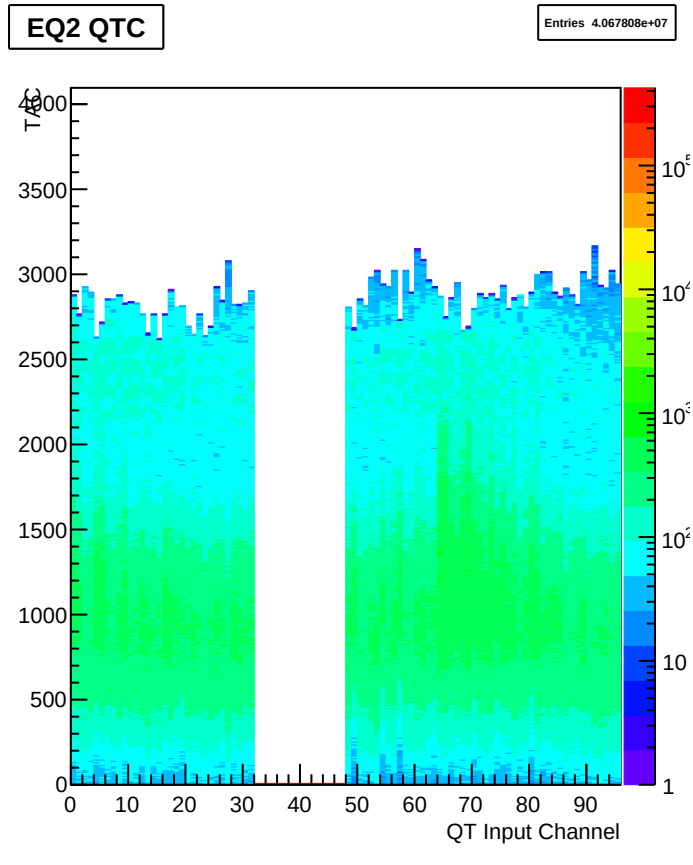

EQ1 QTC
Entries 4.067808e+07
ADC
QT Input Channel

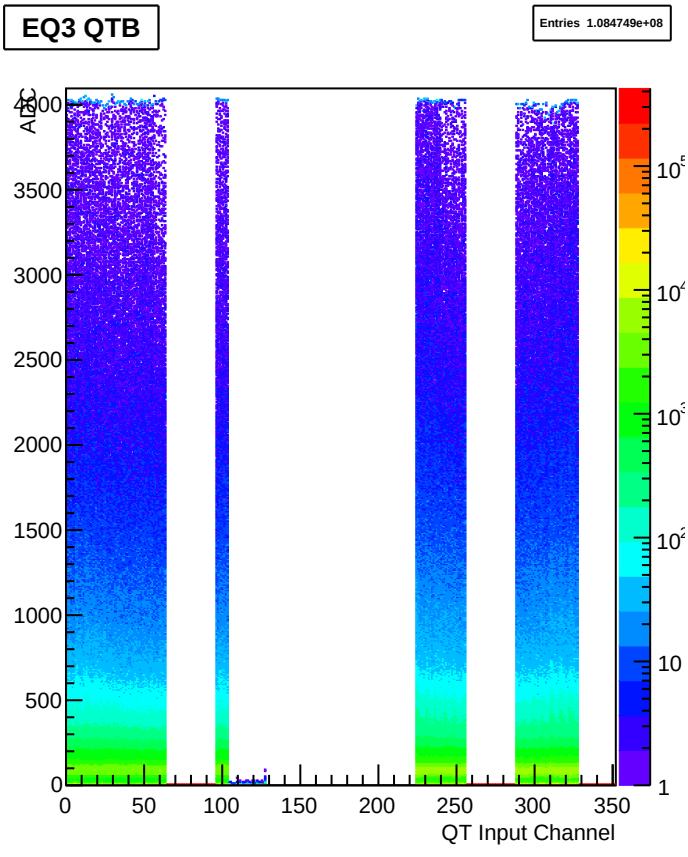

EQ1 QTC
Entries 4.067808e+07
TADC
QT Input Channel

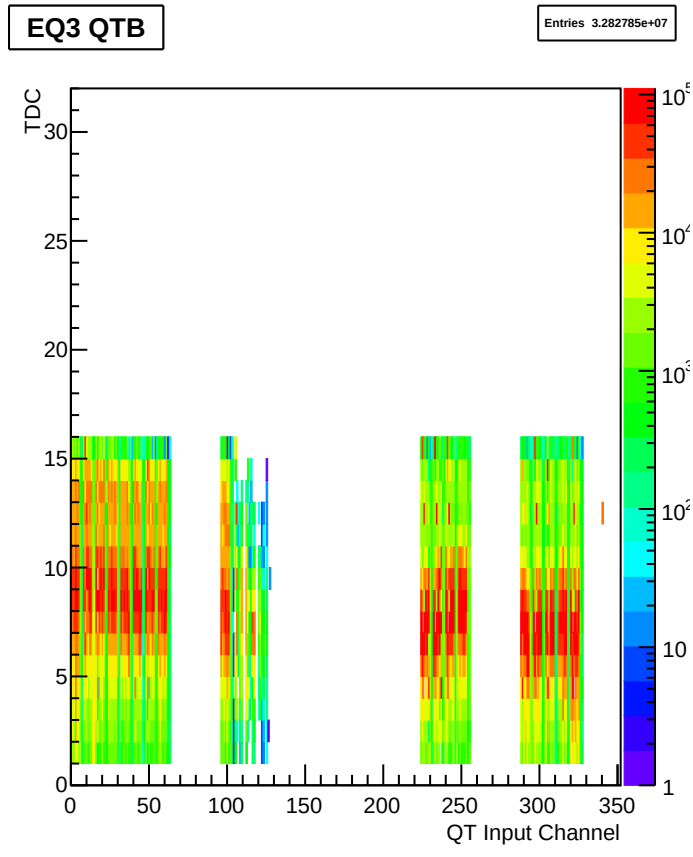

EQ2 QTB
Entries 1.220342e+08
ADC
QT Input Channel

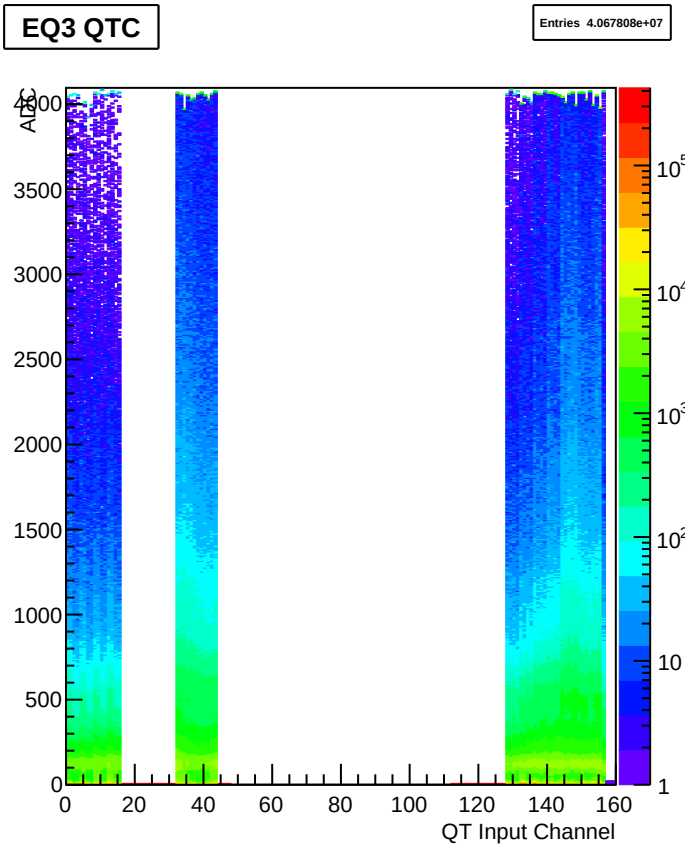

EQ2 QTB
Entries 3.990238e+07
TDC
QT Input Channel

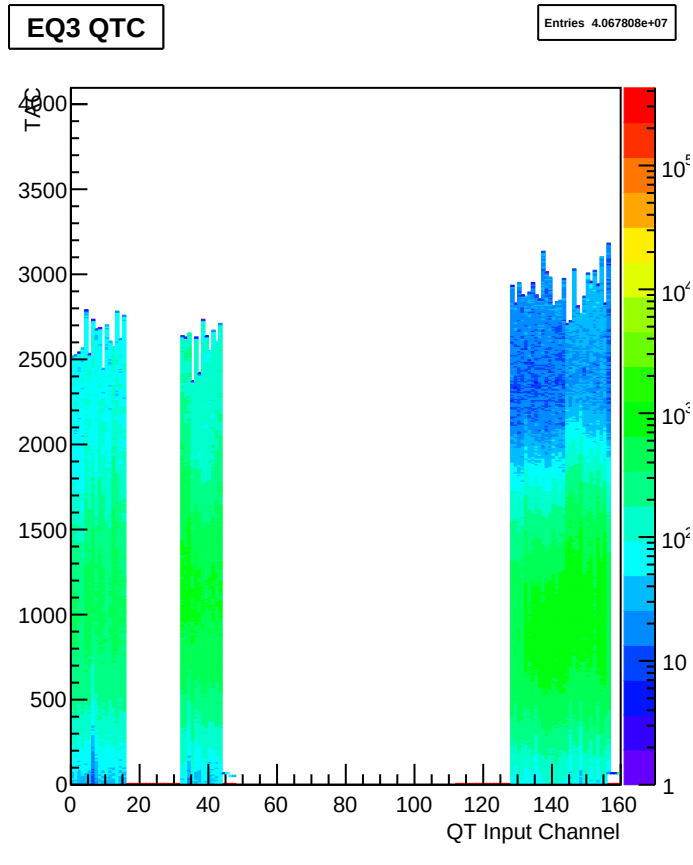

EQ2 QTC
Entries 4.067808e+07
ADC
QT Input Channel

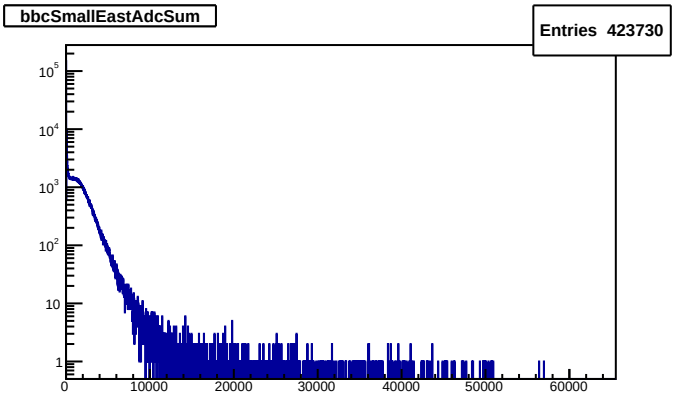

EQ2 QTC
Entries 4.067808e+07
TADC
QT Input Channel

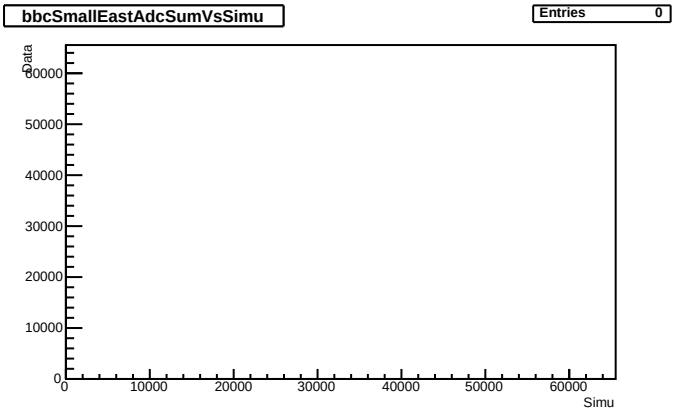

EQ3 QTB
Entries 1.084749e+08
ADC
QT Input Channel

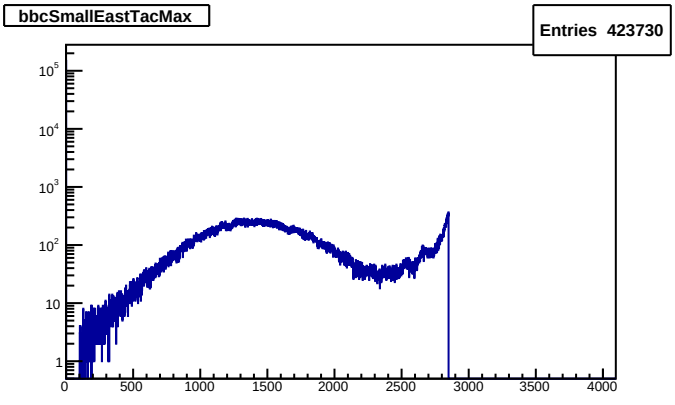

EQ3 QTB
Entries 3.282785e+07
TDC
QT Input Channel

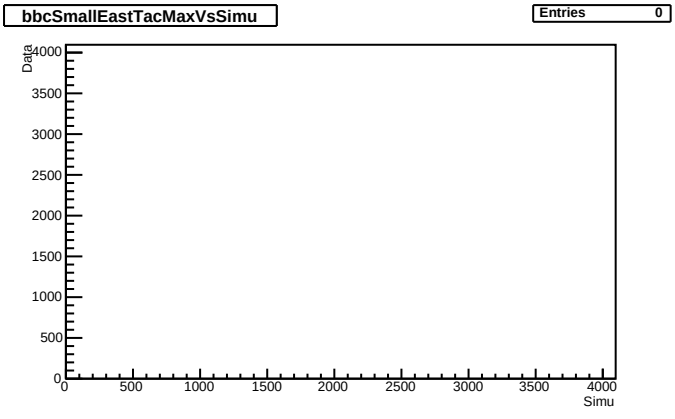

EQ3 QTC
Entries 4.067808e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.067808e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 423730


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 423730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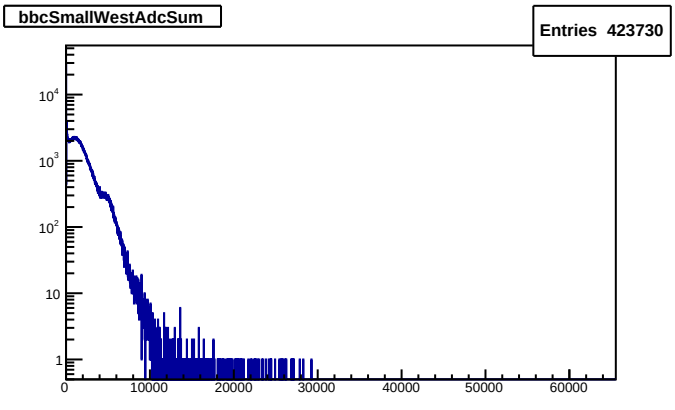
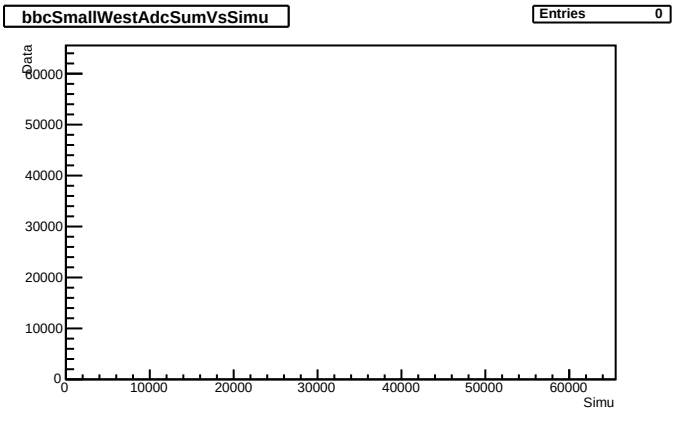
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 423730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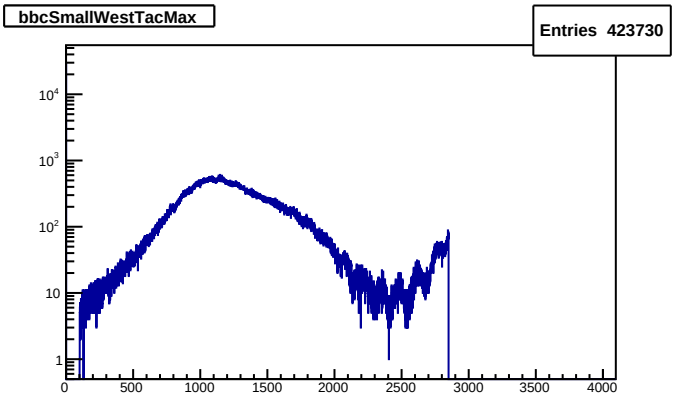
Entries 0
Data
Simu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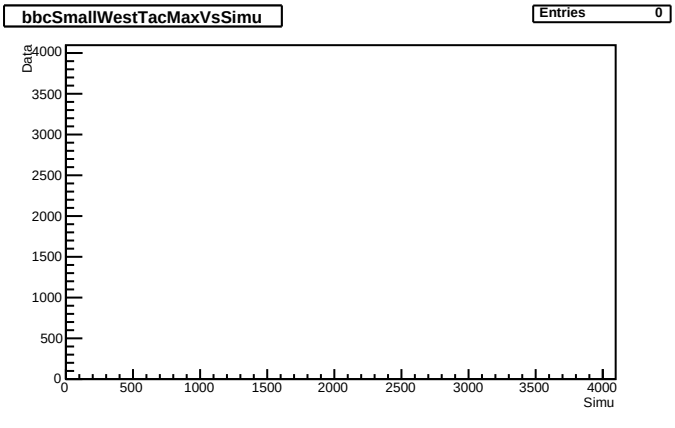
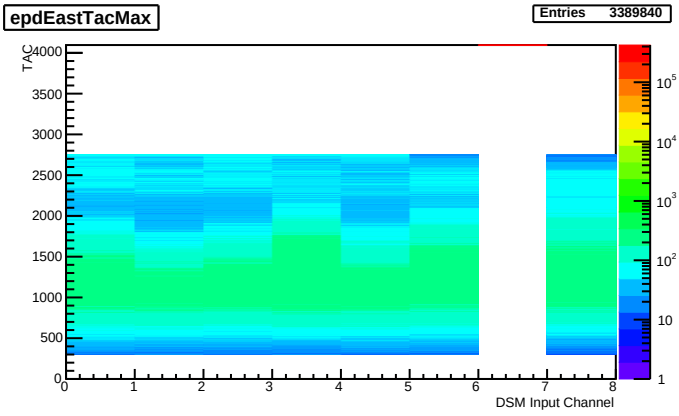
Entries 423730


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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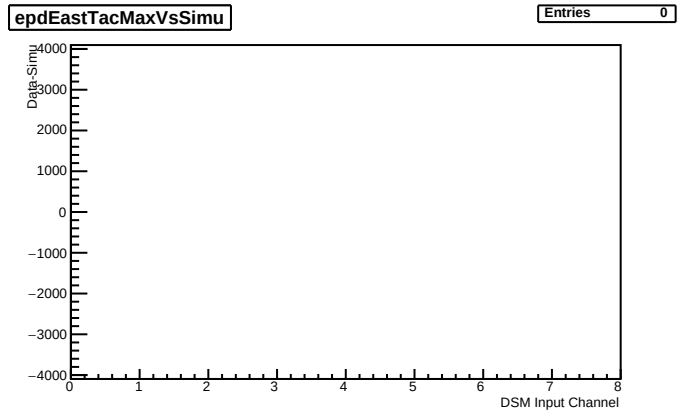
Entries 3389840
TAC
DSM Input Channel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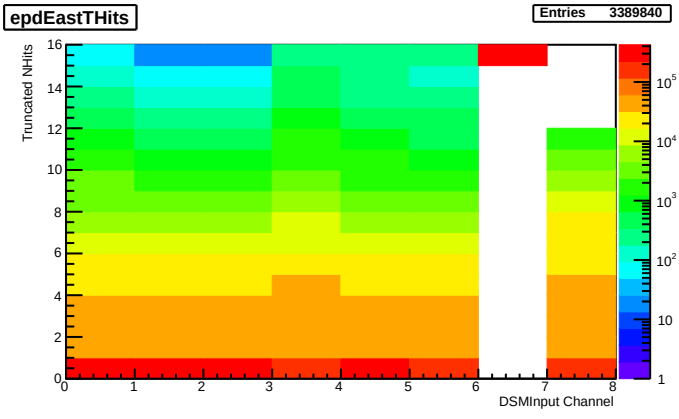
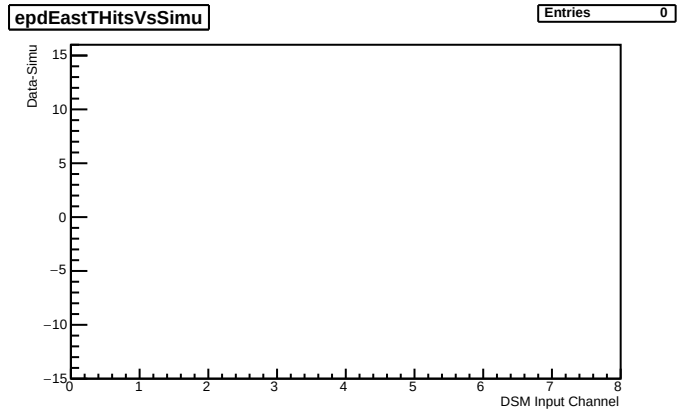
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3389840
Truncated NHits
DSMInput Channel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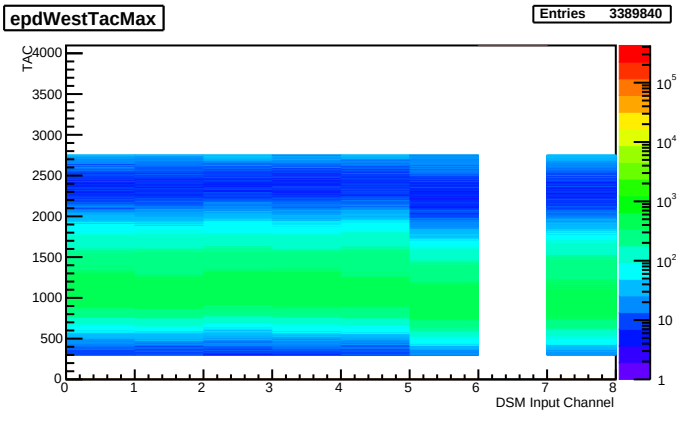
Data-Simu
DSM Input Channel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Entries 3389840
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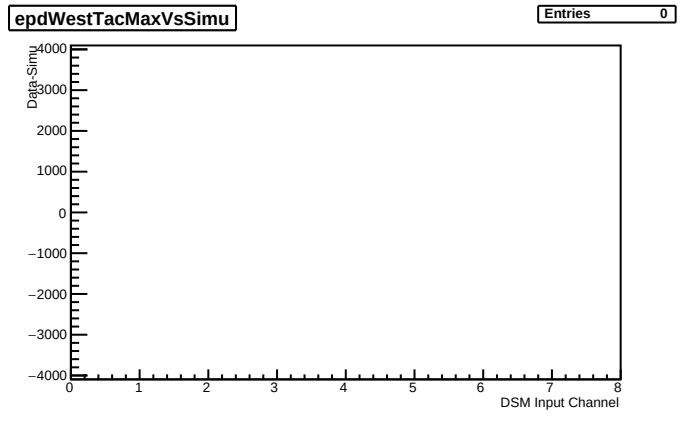
DSM Input Channel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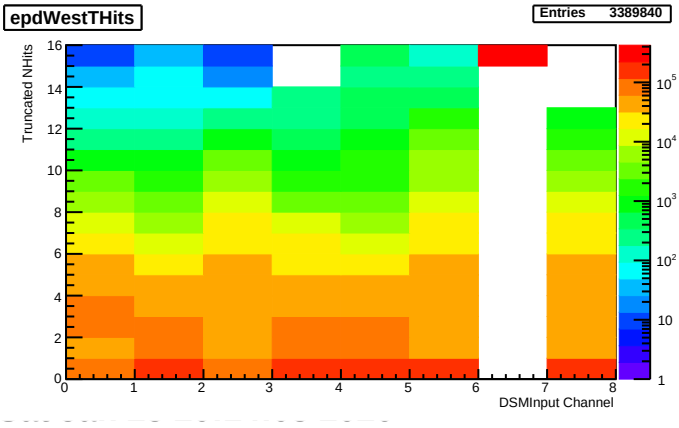
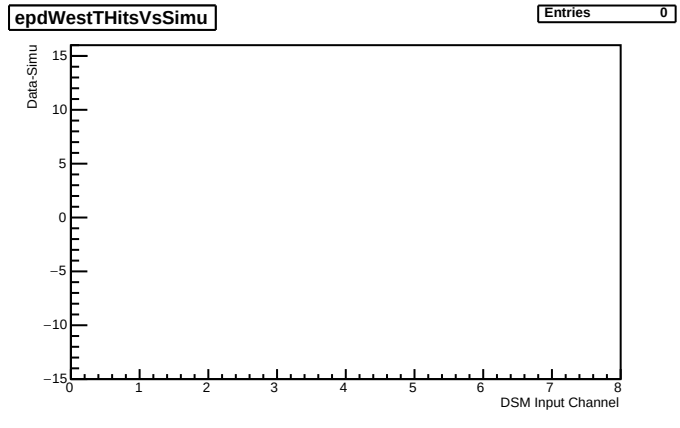
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3389840
Truncated NHits
DSMInput Channel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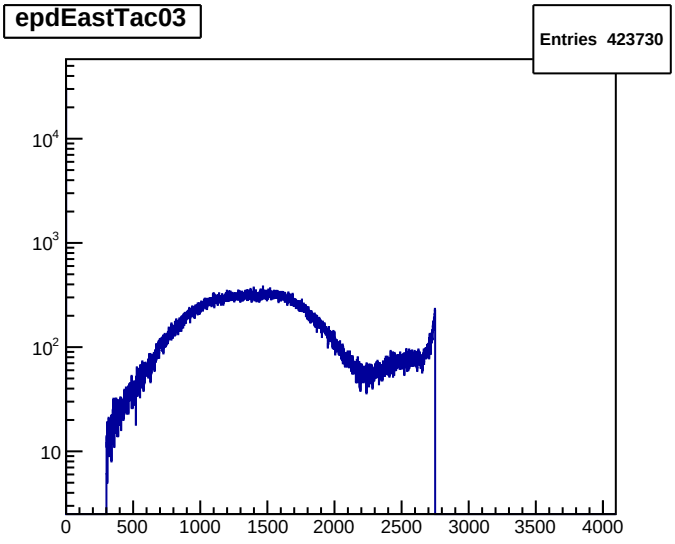
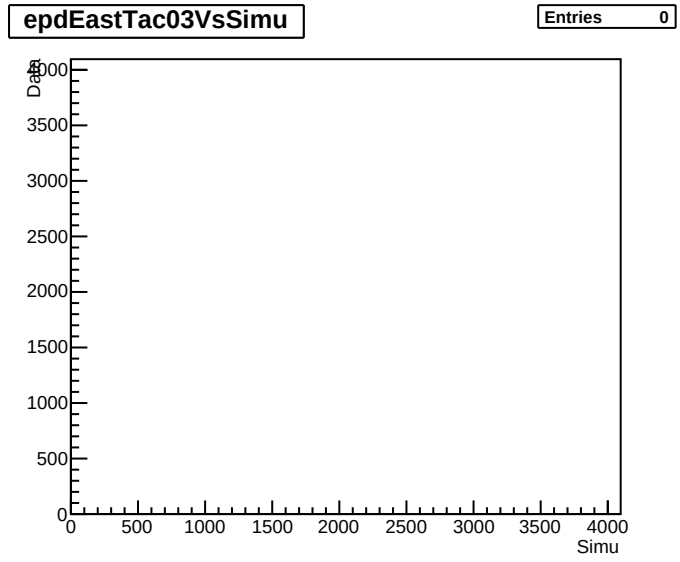
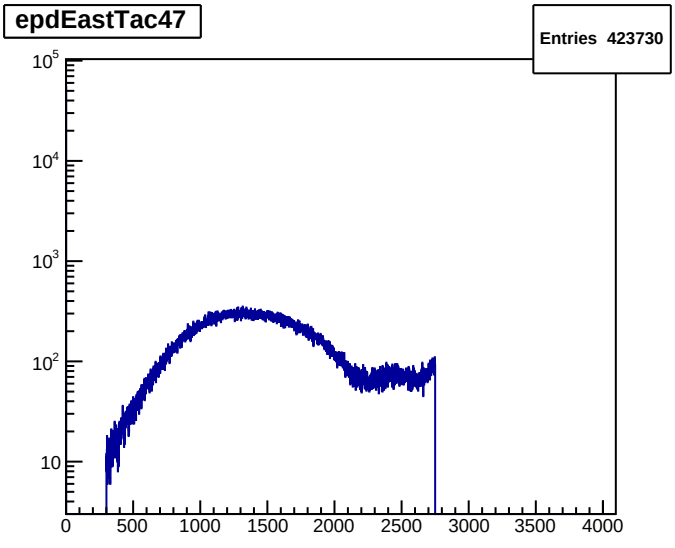
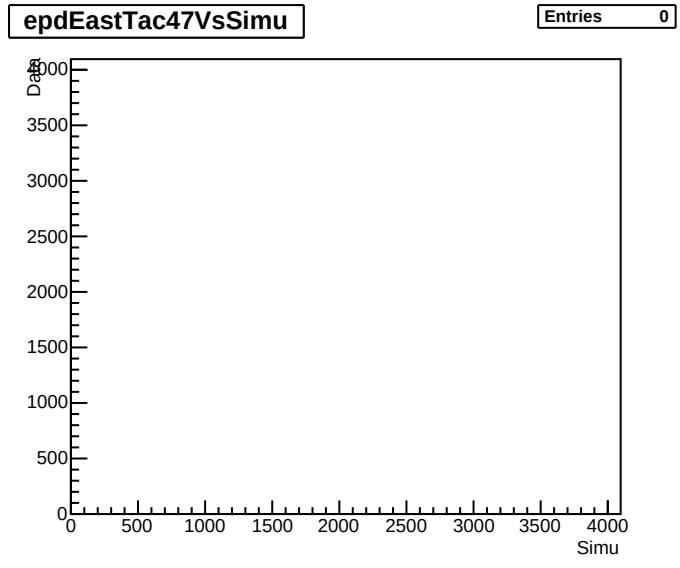
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 423730


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 423730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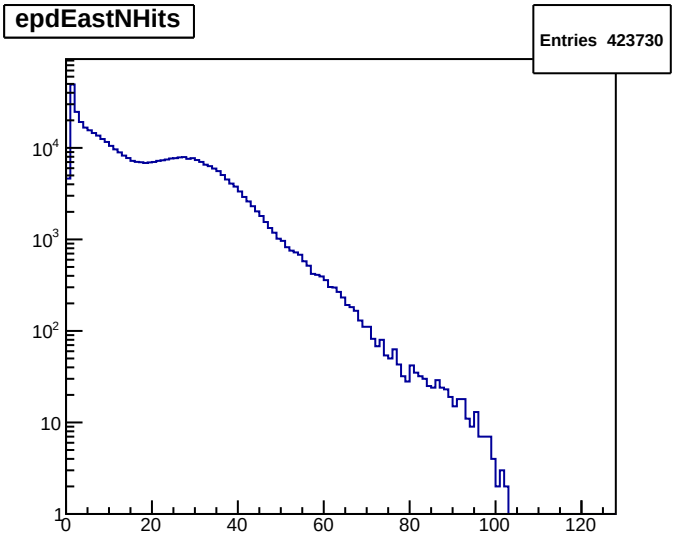
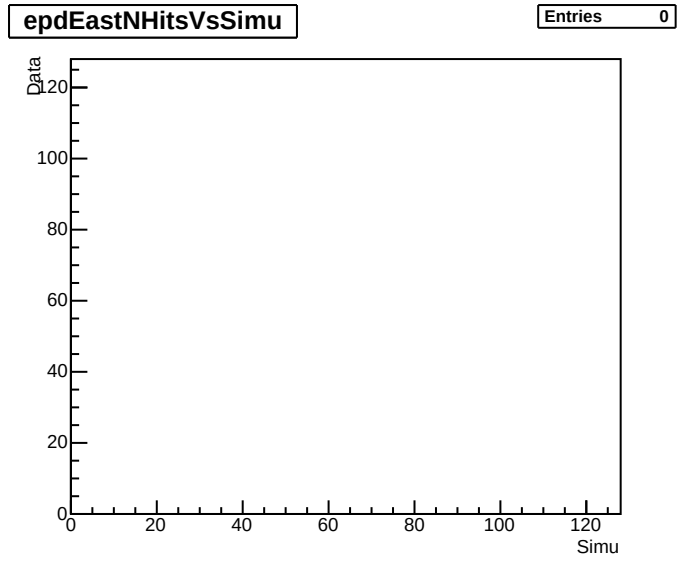
Entries 0
Data
Simu


epdEastNHits
Entries 423730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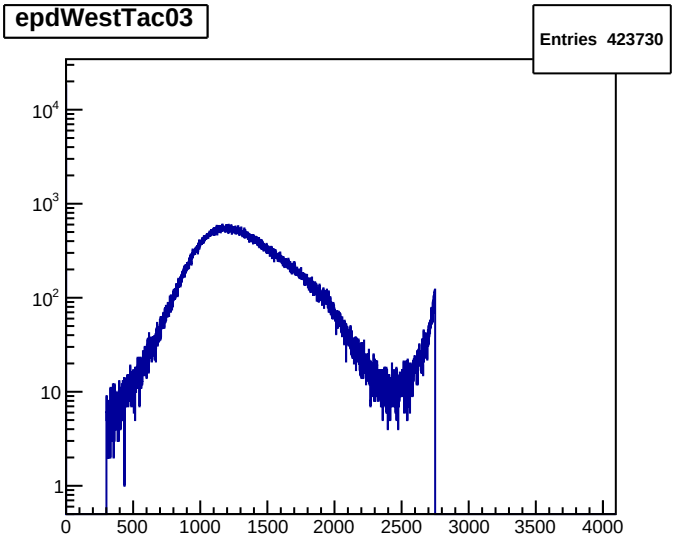
Entries 0
Data
Simu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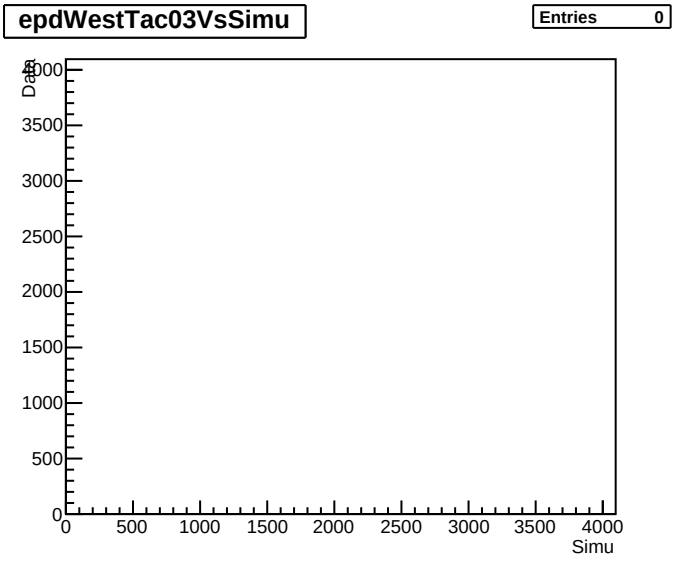
Entries 423730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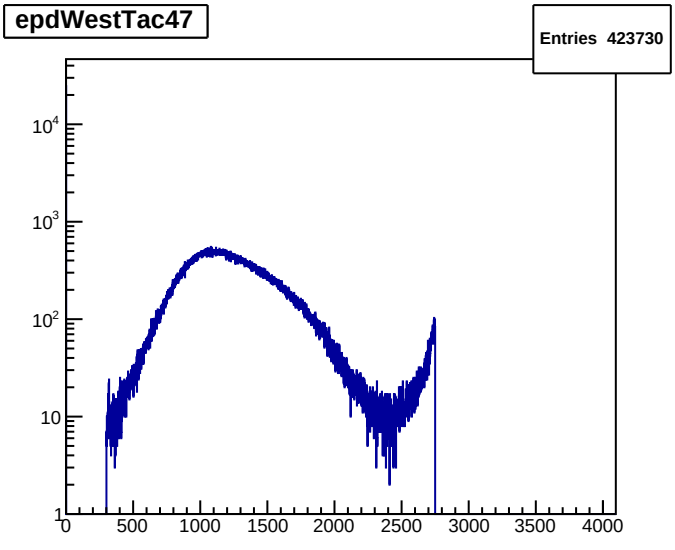
Entries 0
Data
Simu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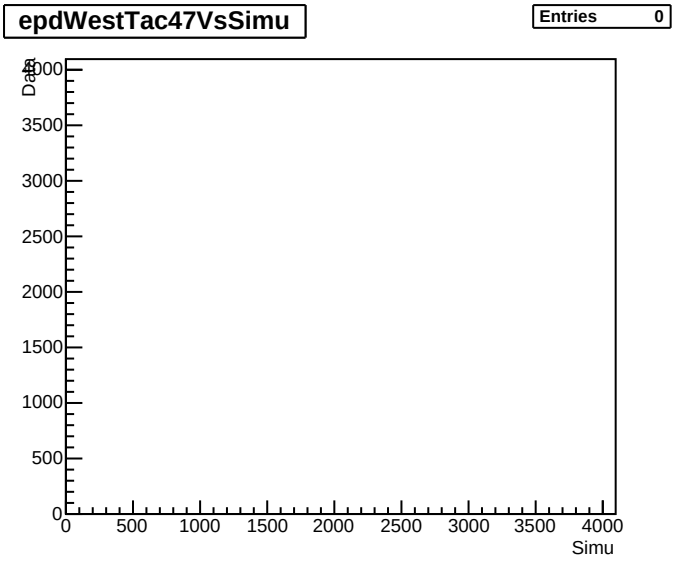
Entries 423730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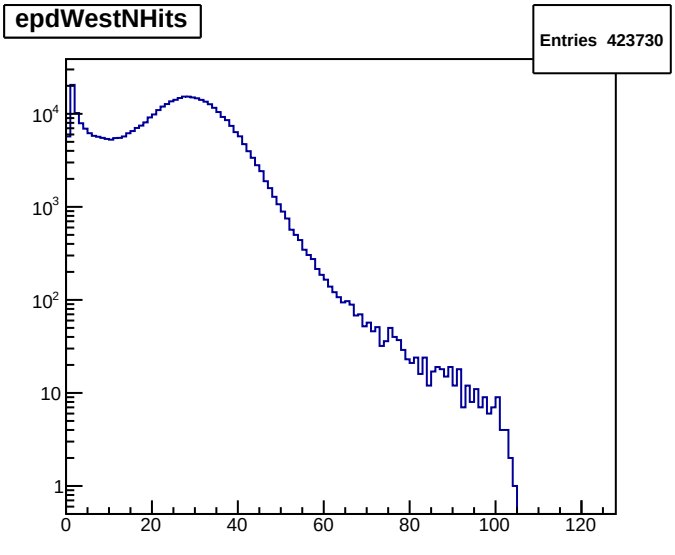
Entries 0
Data
Simu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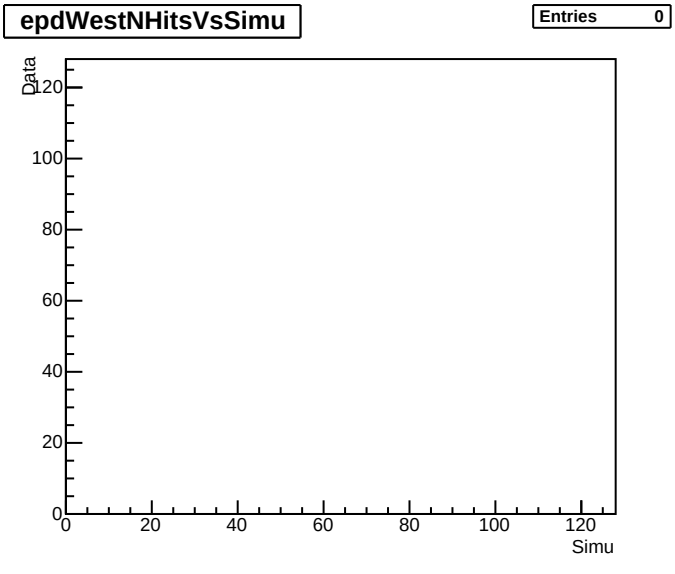
Entries 423730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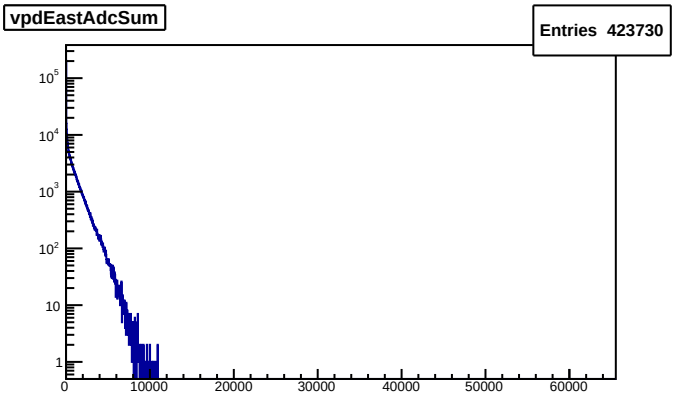
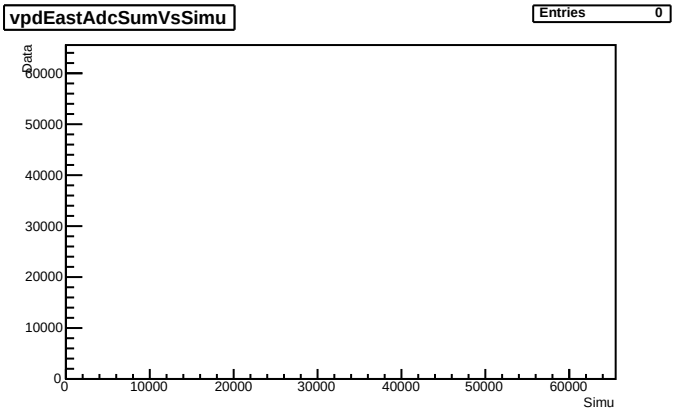
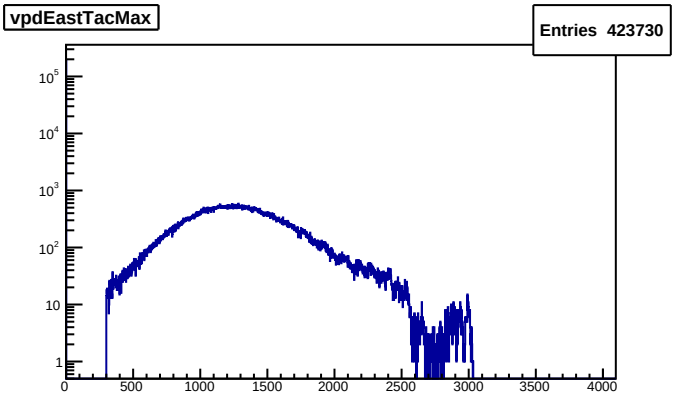
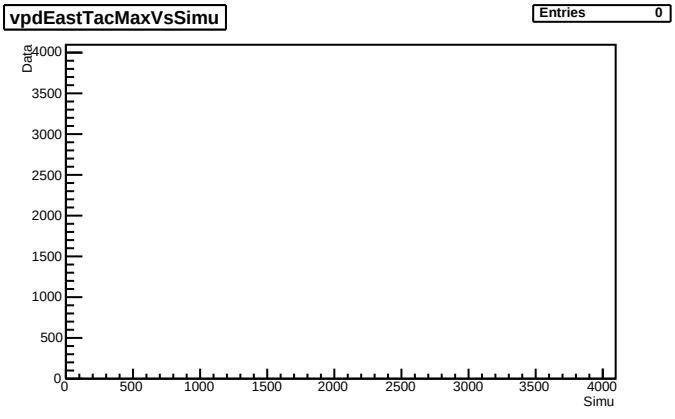
Entries 0
Data
Simu


vpdEastAdcSum
Entries 423730


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 423730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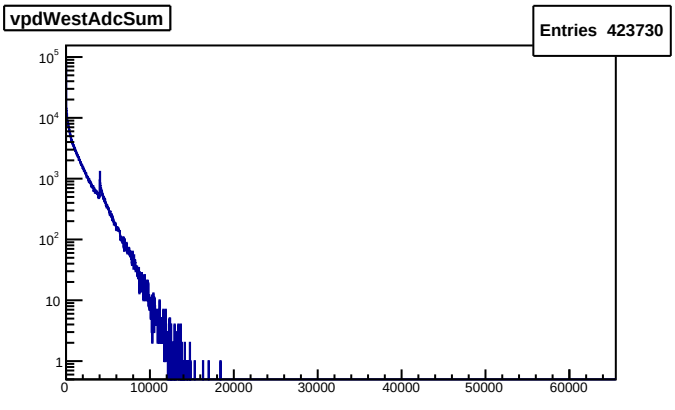
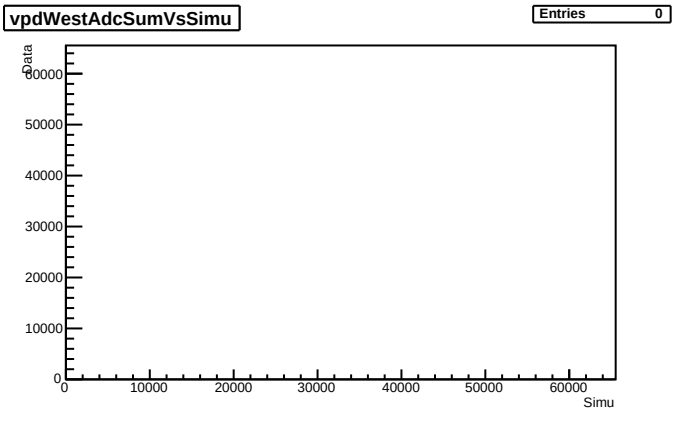
Entries 0
Data
Simu


vpdWestAdcSum
Entries 423730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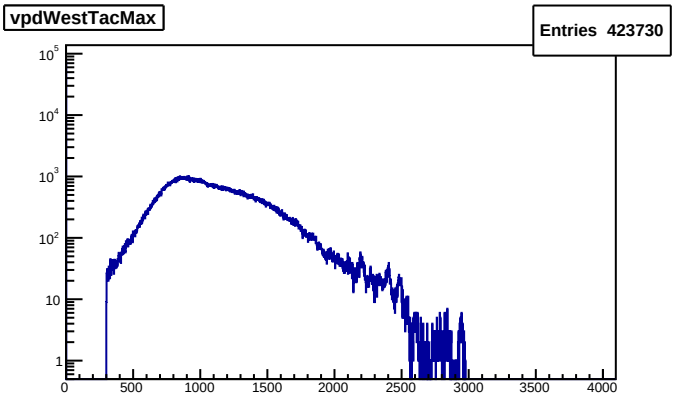
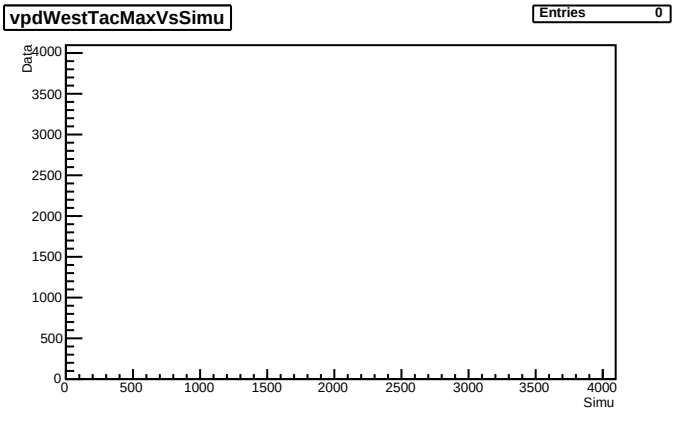
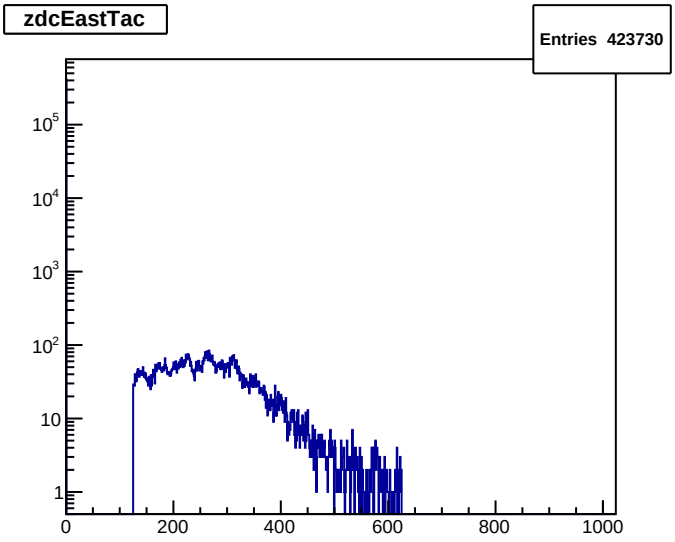
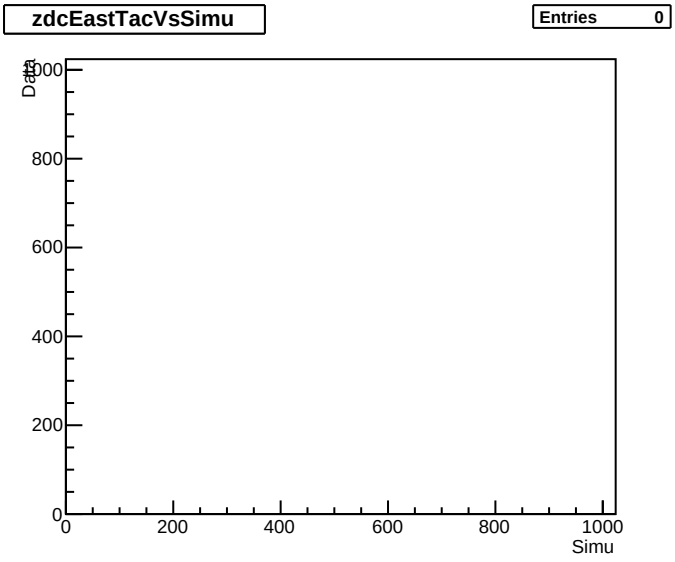
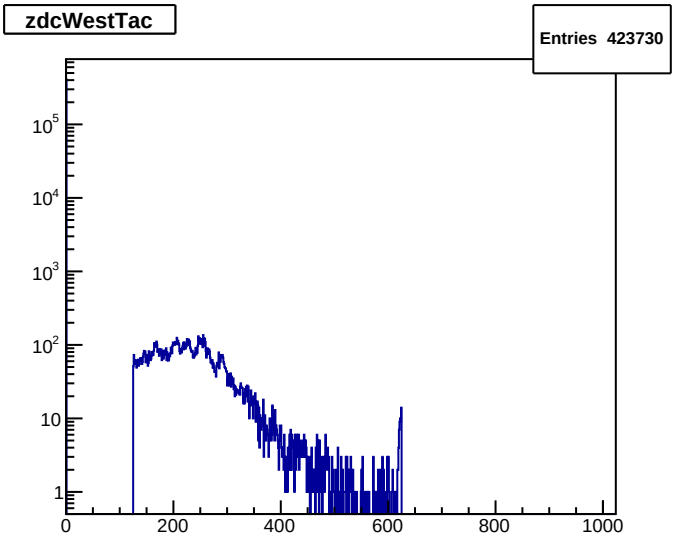
Entries 0
Data
Simu

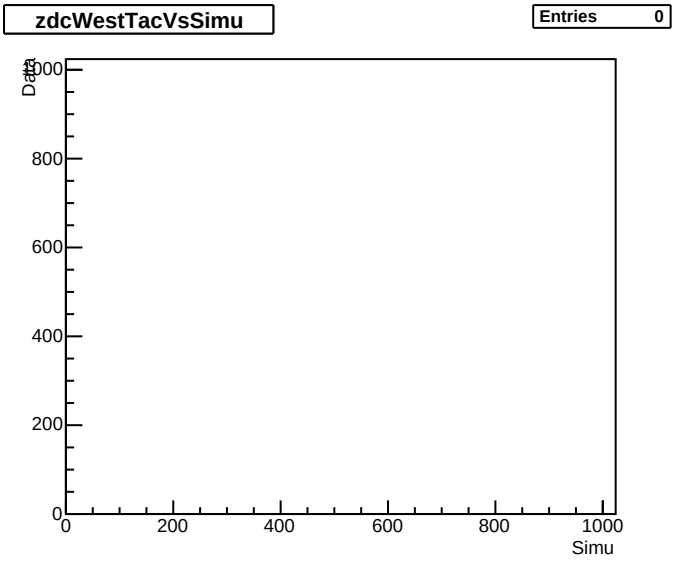

vpdWestTacMax
Entries 423730

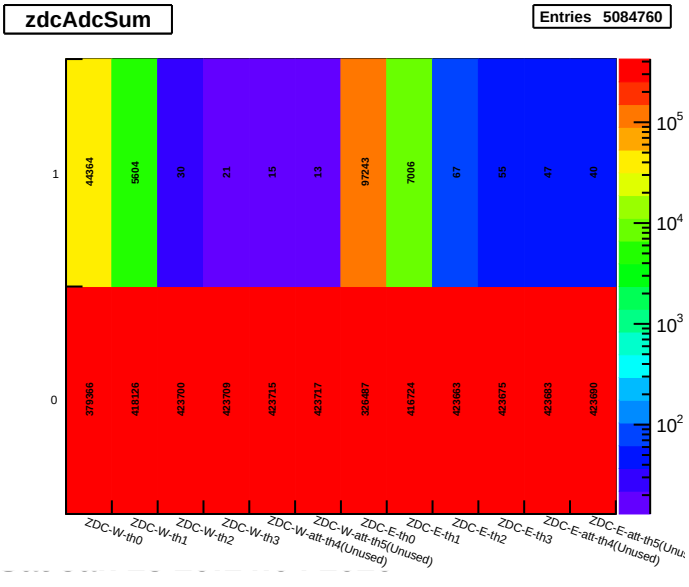

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

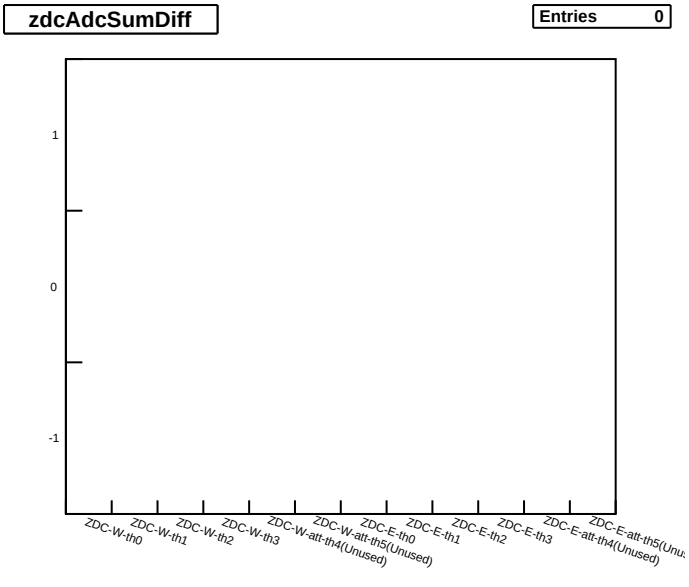

zdcEastTac
Entries 423730
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

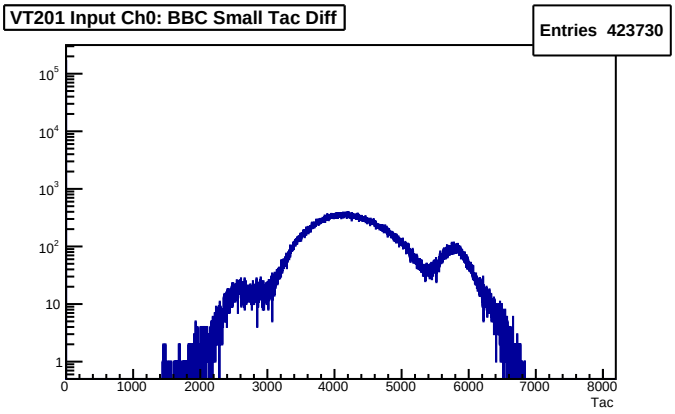

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

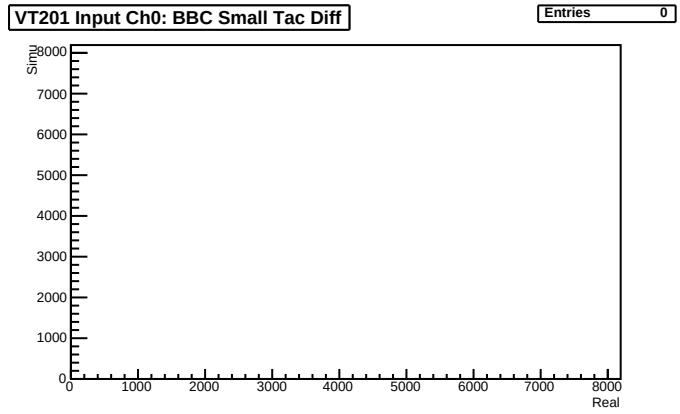

zdcWestTac
Entries 423730
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

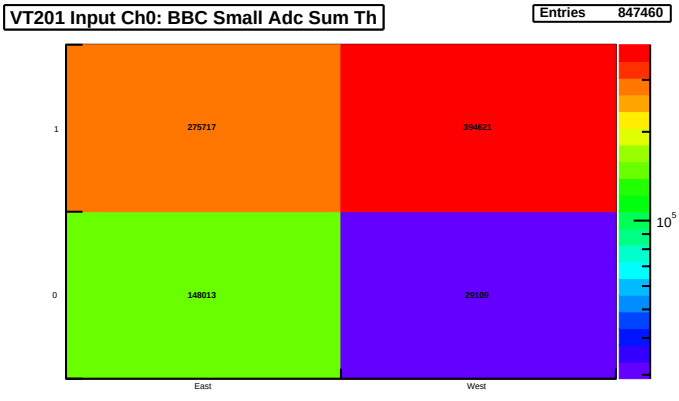

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

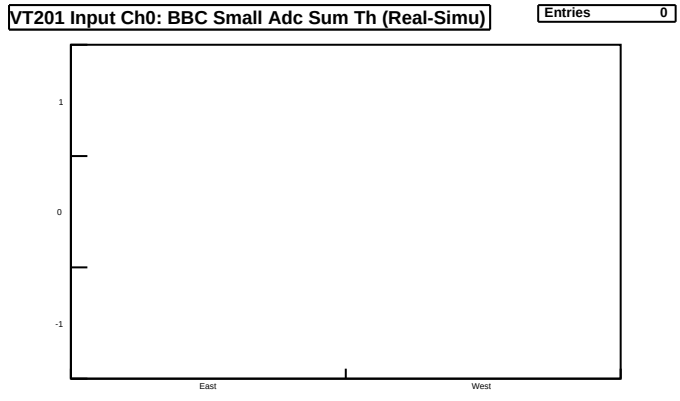

zdcAdcSum
Entries 5084760
1
0
44364
5604
30
21
15
13
97243
7006
67
55
47
40
379366
418126
423700
423709
423715
423717
326487
416724
423663
423675
423683
423680
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

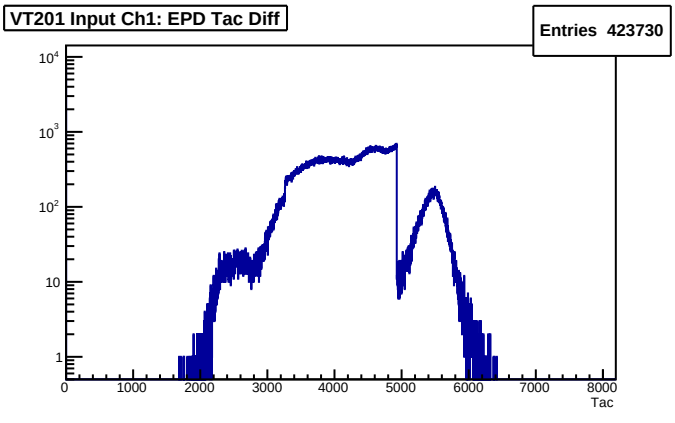

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

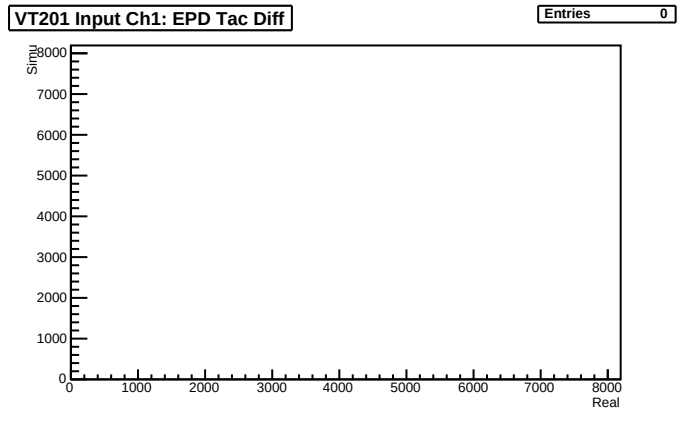

VT201 Input Ch0: BBC Small Tac Diff
Entries 423730
Tac

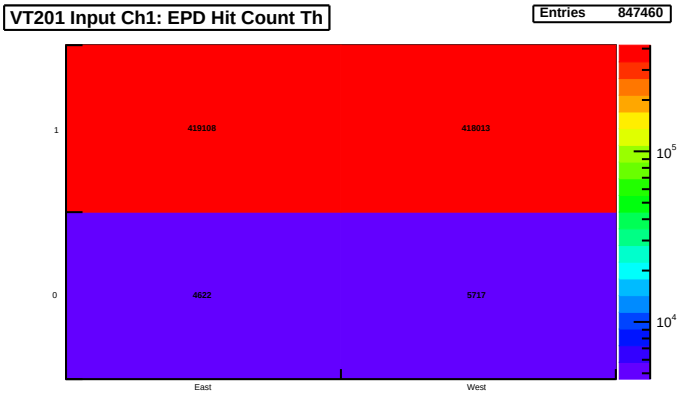

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

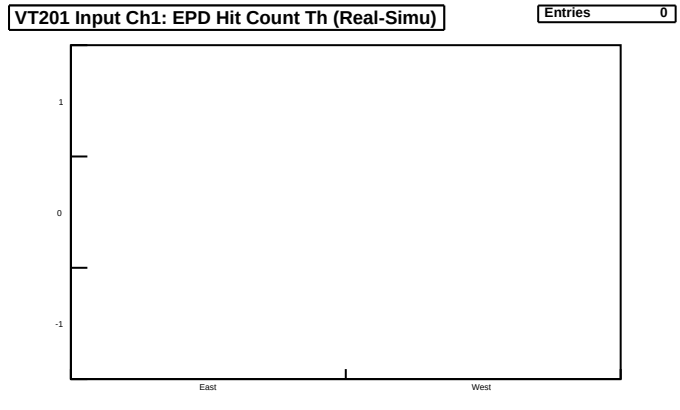

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 847460
275717
394621
148013
29109
East
West

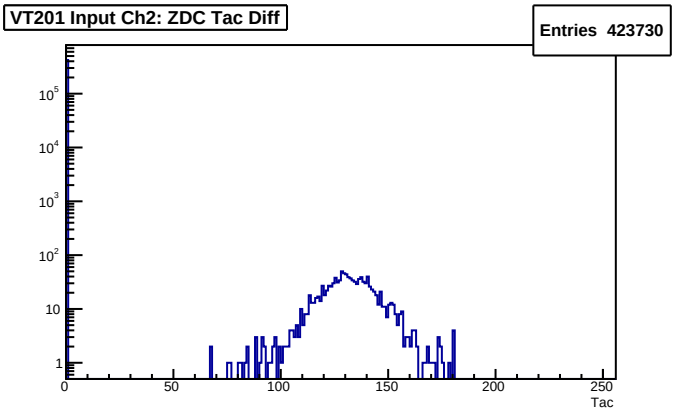

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

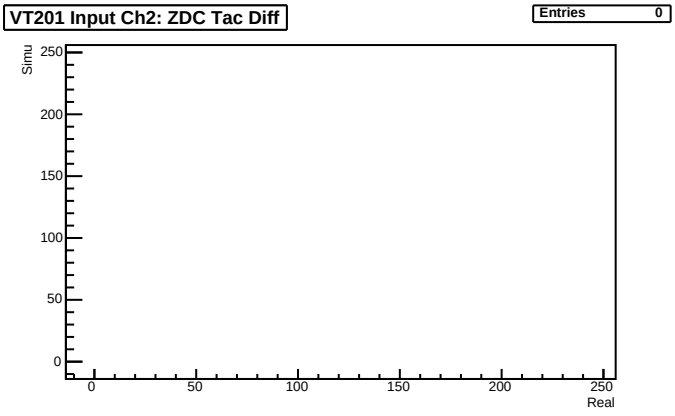

VT201 Input Ch1: EPD Tac Diff
Entries 423730
Tac

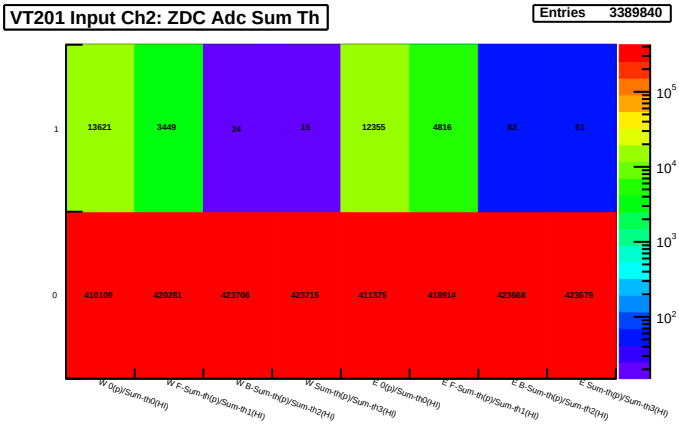

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

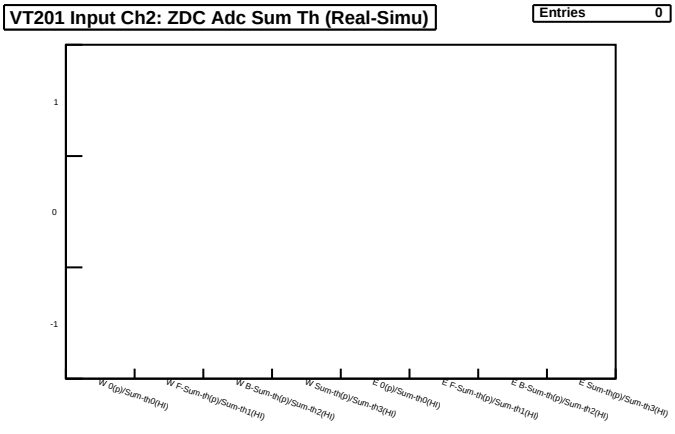

VT201 Input Ch1: EPD Hit Count Th
Entries 847460
419108
418013
4622
5717
East
West

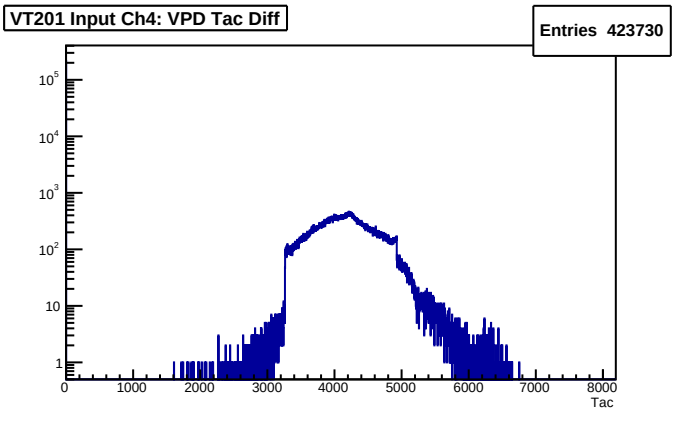

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

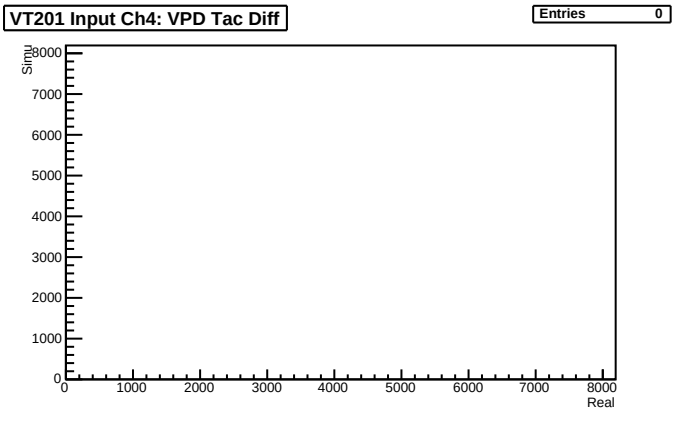

VT201 Input Ch2: ZDC Tac Diff
Entries 423730
Tac

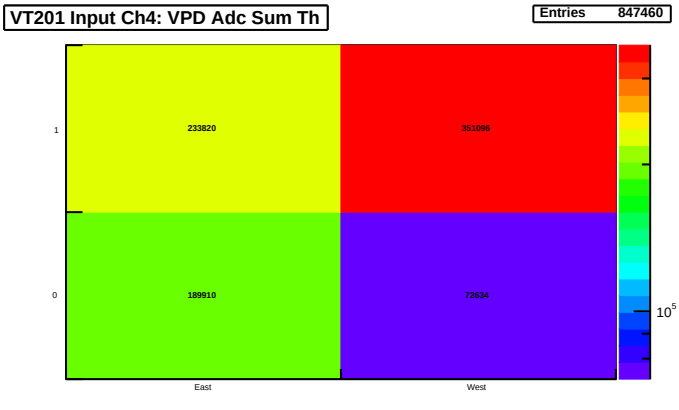

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

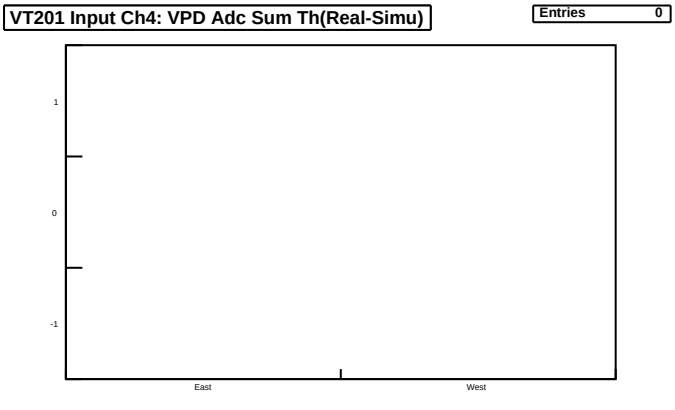

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3389840
13621
3449
24
15
12355
4816
62
51
410109
420281
423706
423715
411375
418914
423668
423679
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

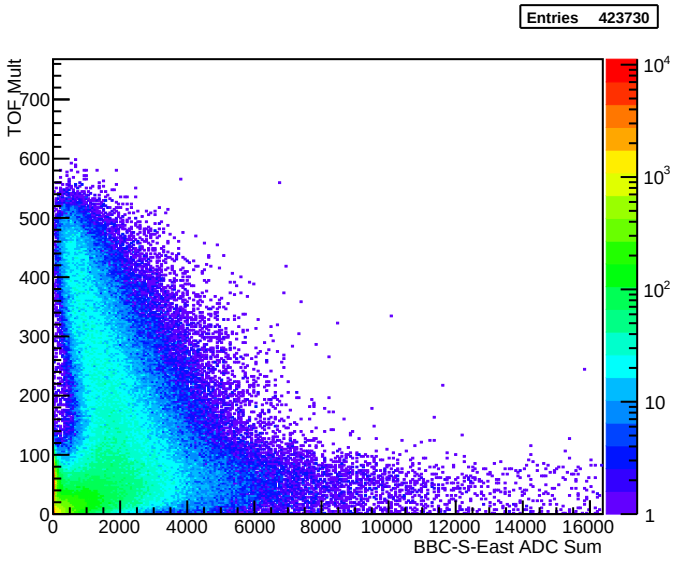

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

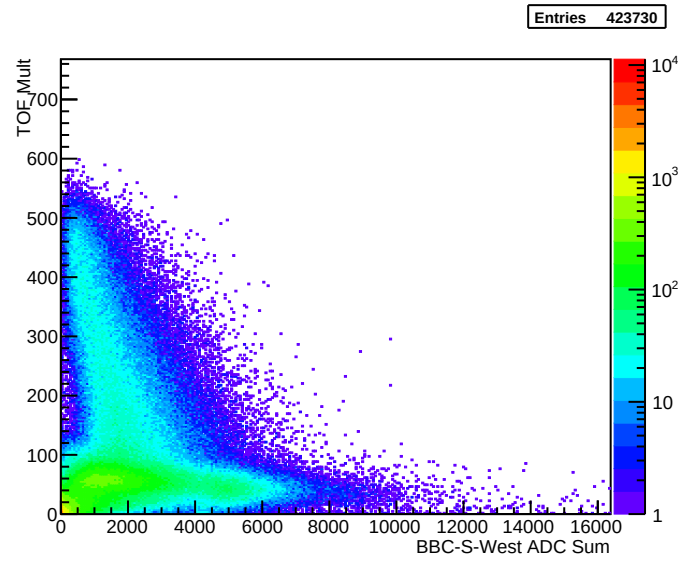

VT201 Input Ch4: VPD Tac Diff
Entries 423730
Tac

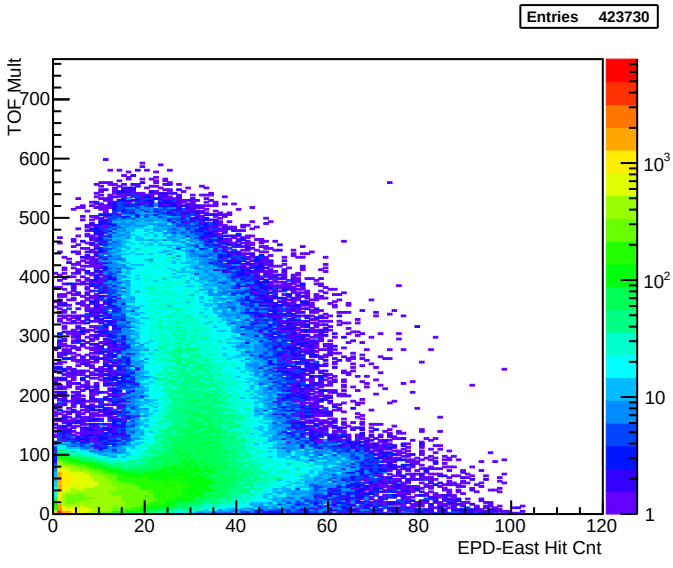

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

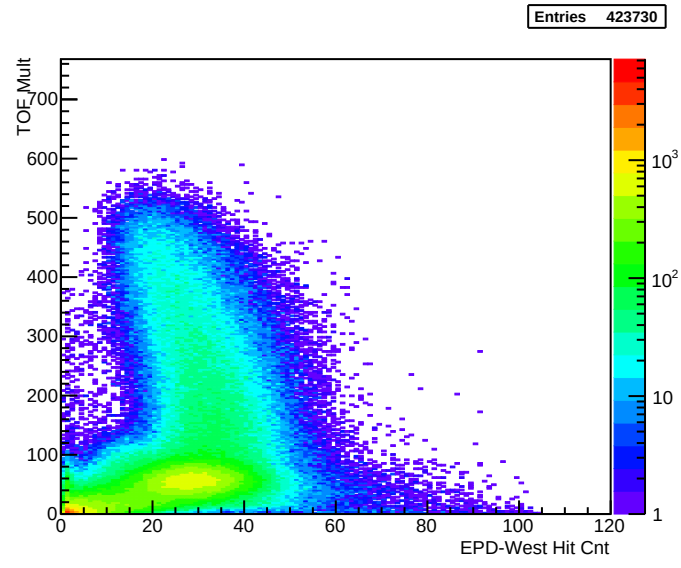

VT201 Input Ch4: VPD Adc Sum Th
Entries 847460
233820
351096
189910
72634
East
West

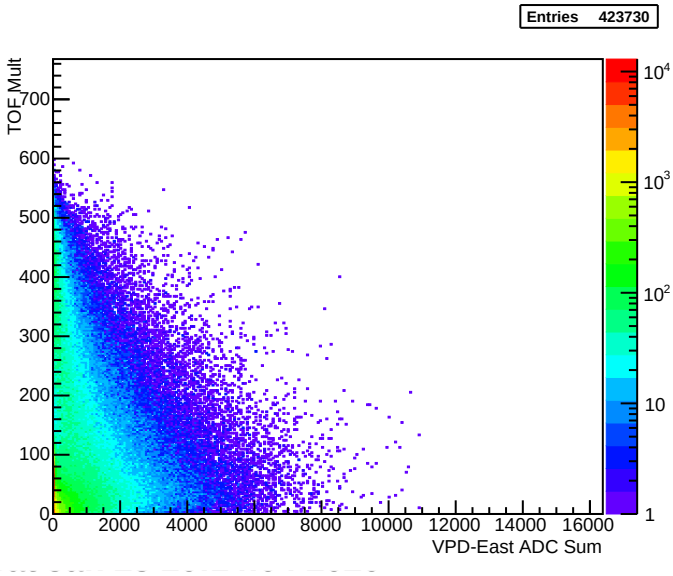

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

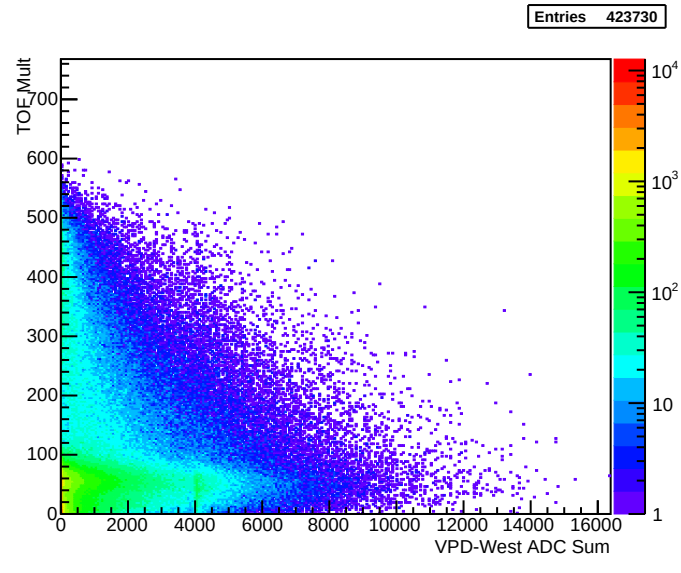

Entries 423730
TOF_Mult
BBC-S-East ADC Sum

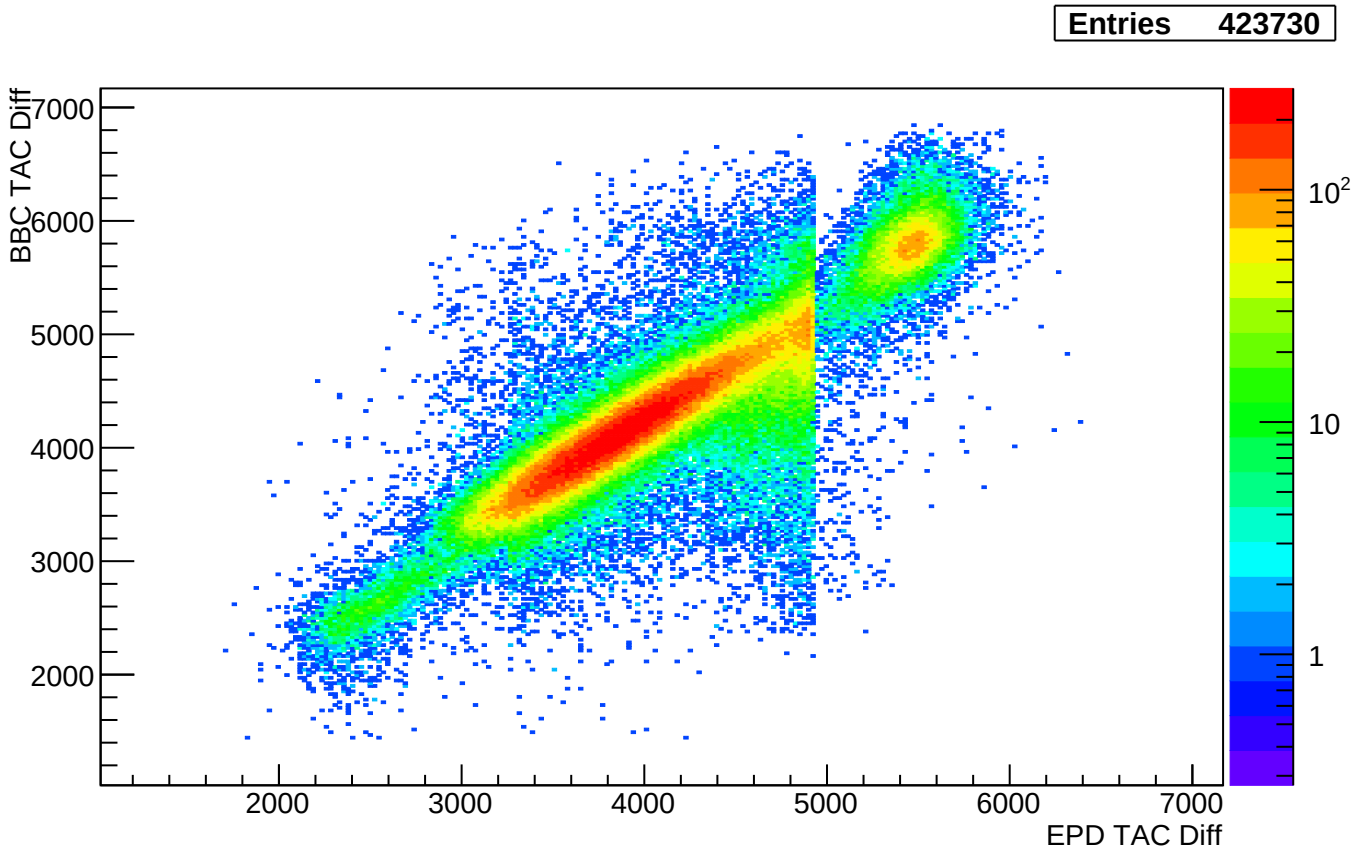

Entries 423730
TOF_Mult
BBC-S-West ADC Sum

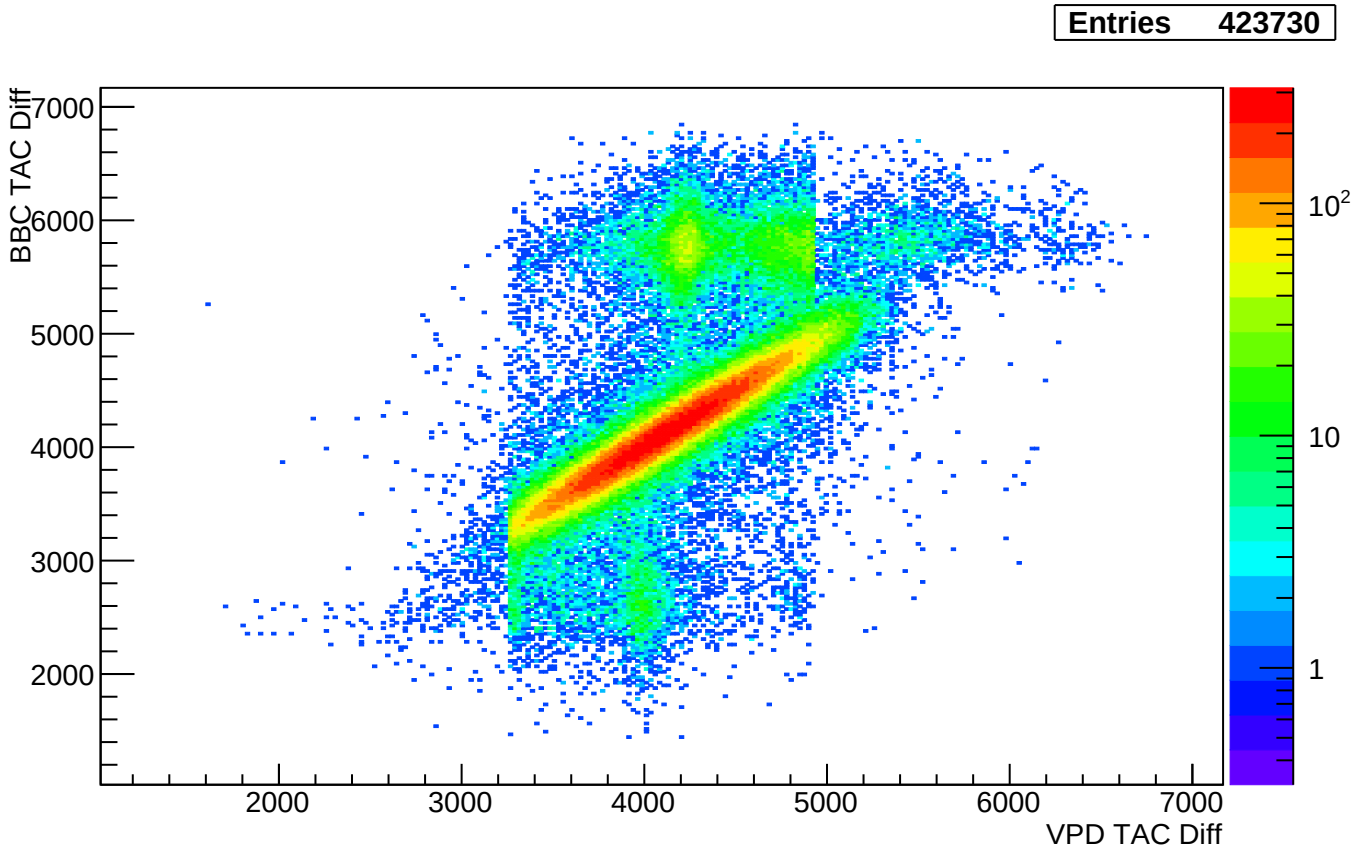

Entries 423730
TOF_Mult
EPD-East Hit Cnt

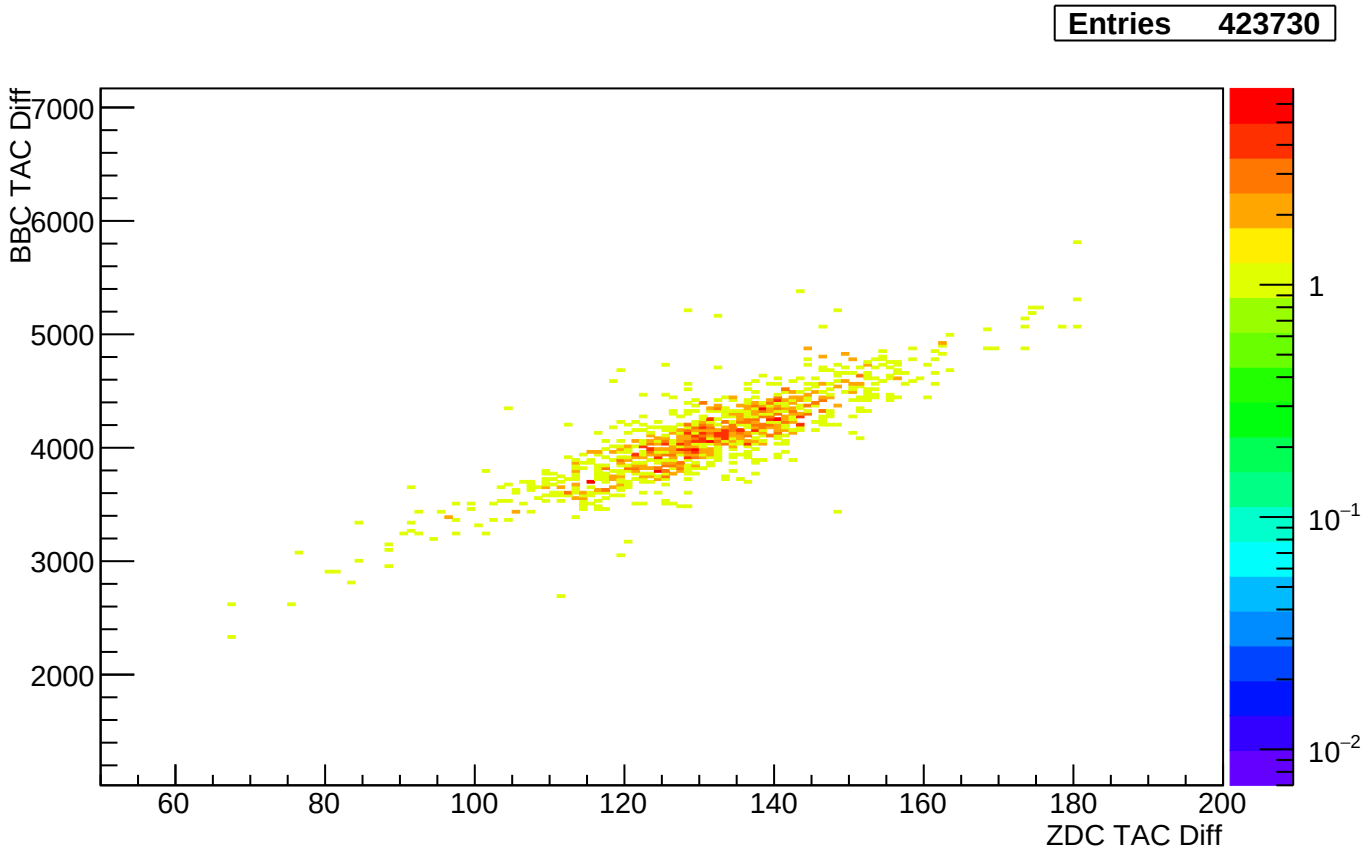

Entries 423730
TOF_Mult
EPD-West Hit Cnt

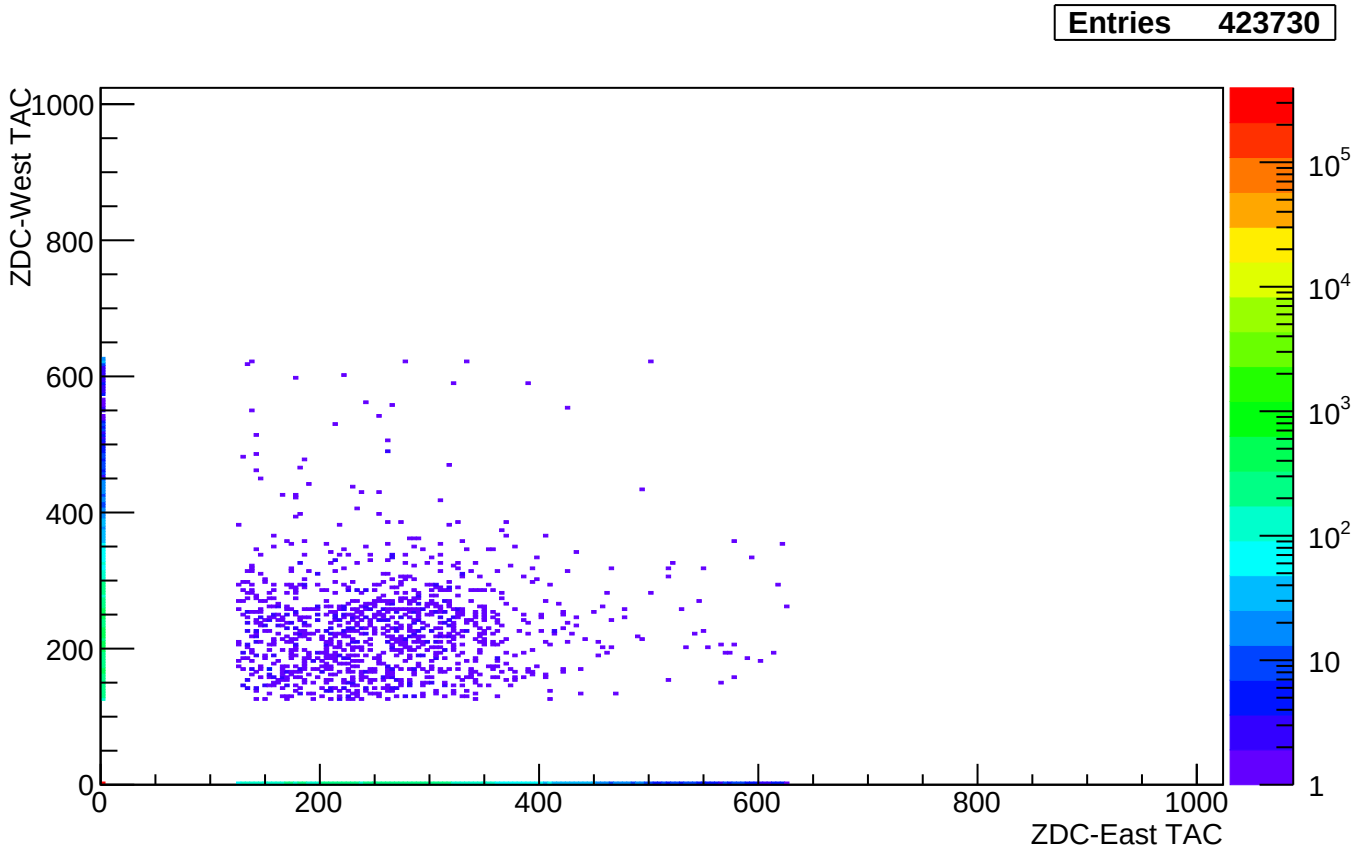

Entries 423730
TOF_Mult
VPD-East ADC Sum

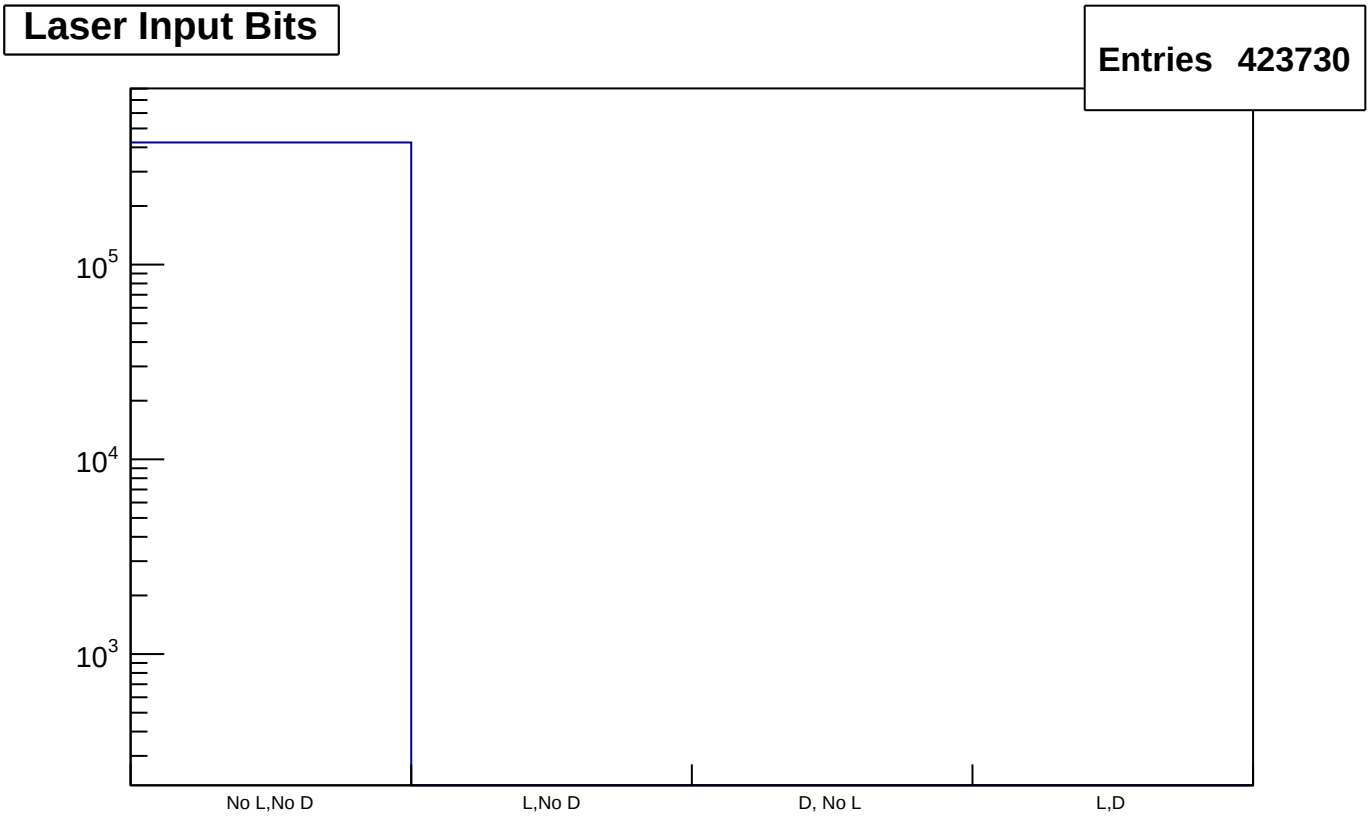

Entries 423730
TOF_Mult
VPD-West ADC Sum

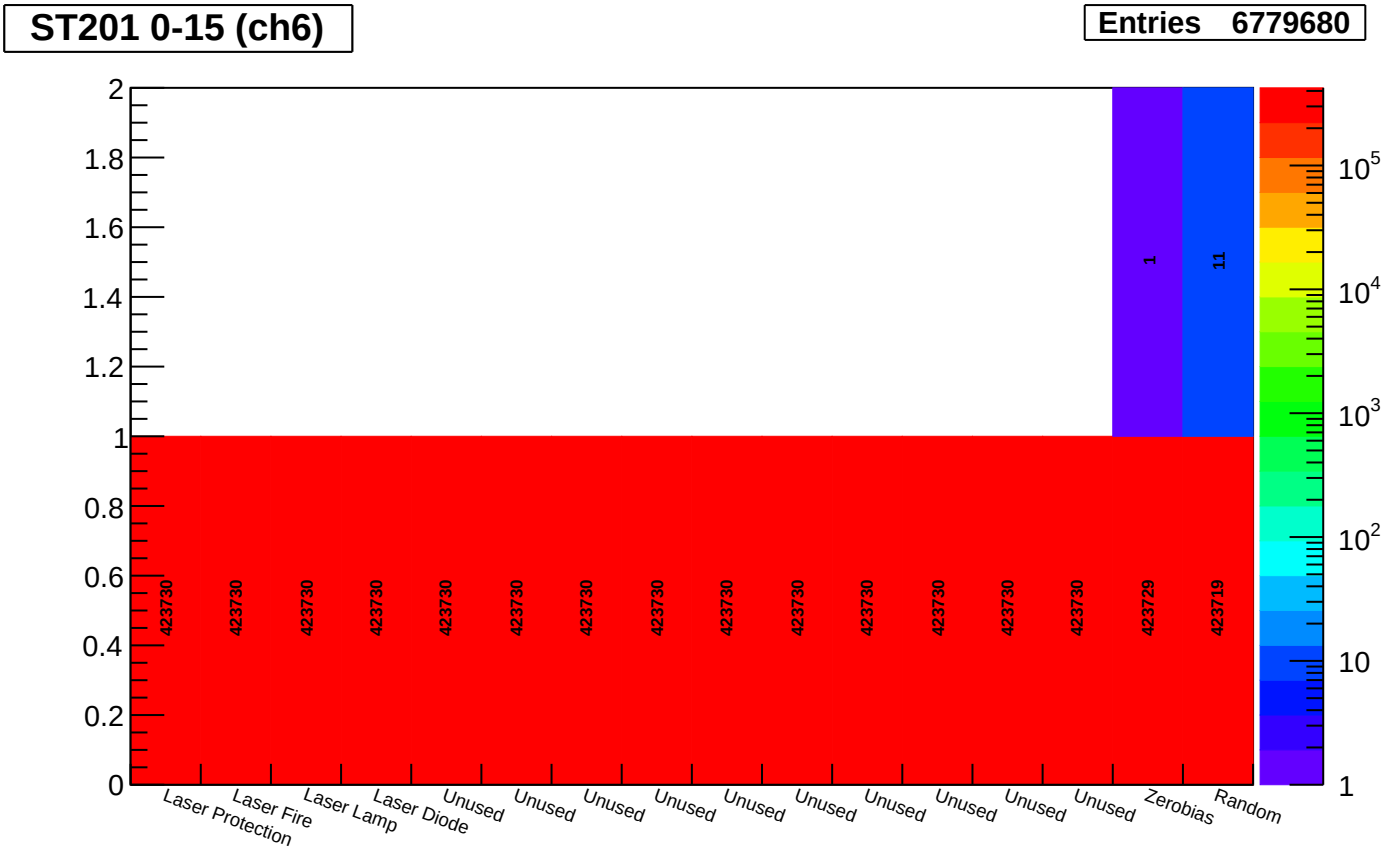

Entries 423730
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

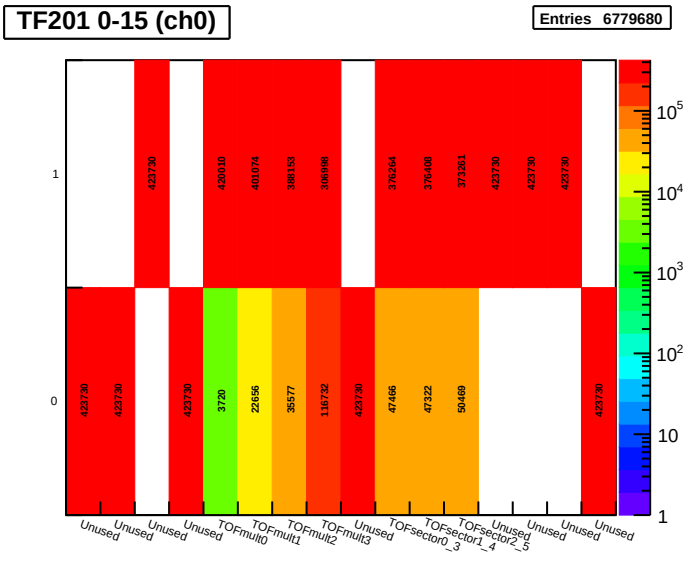

Entries 423730
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

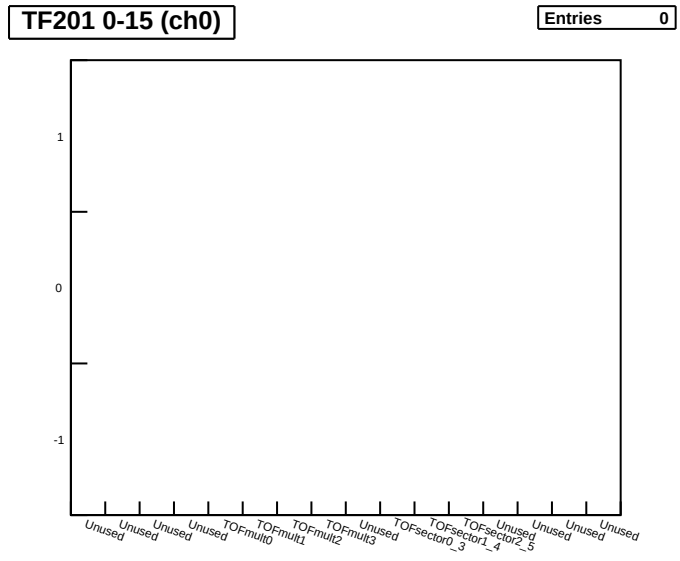

Entries 423730
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

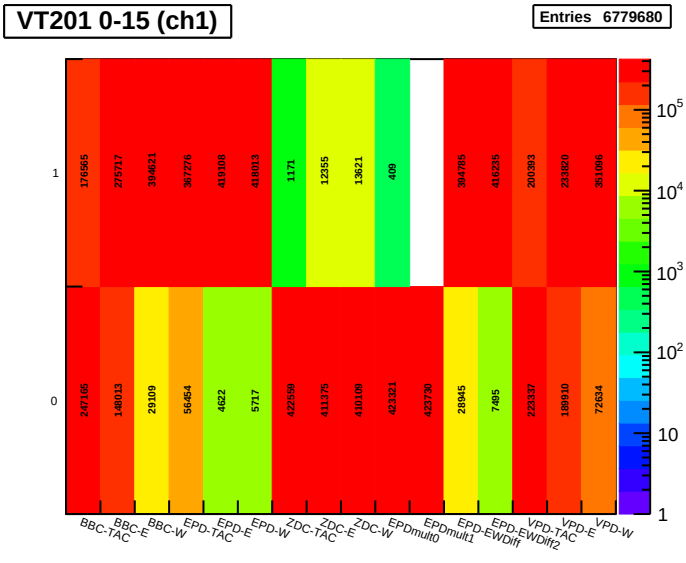

Entries 423730
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

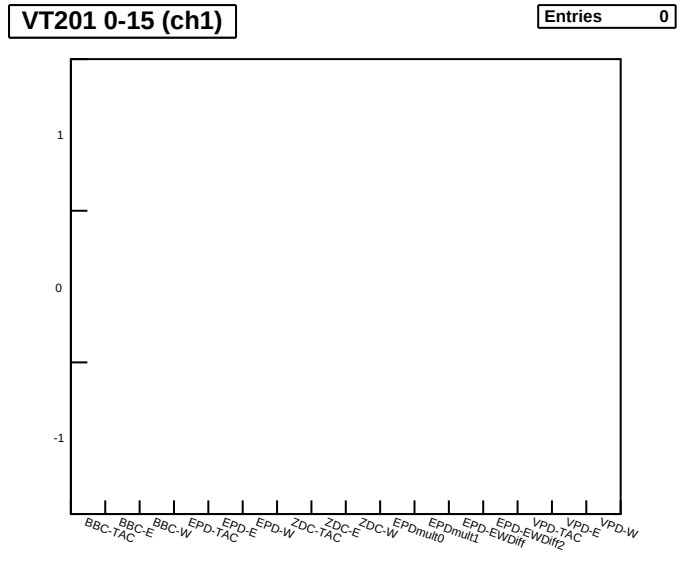

Laser Input Bits
Entries 423730
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

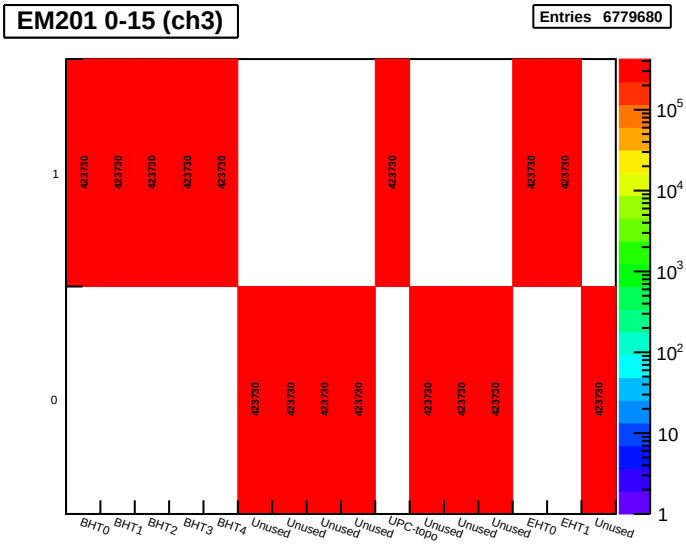

ST201 0-15 (ch6)
Entries 6779680
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423729
423719
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

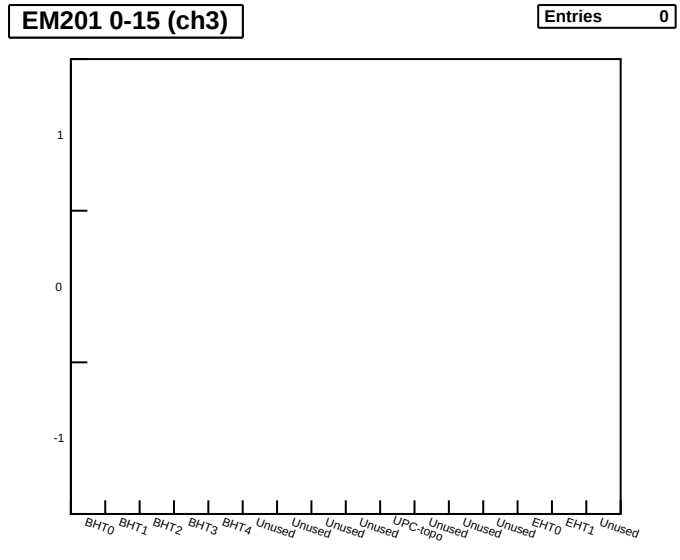

TF201 0-15 (ch0)
Entries 6779680
1
0
423730
420010
401074
388153
306998
376264
376408
373261
423730
423730
423730
423730
423730
3720
22656
35577
116732
47466
47322
50469
423730
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 6779680
1
0
176955
275717
394621
367276
419108
418013
1171
12355
13621
409
394765
416235
200393
233820
351096
247165
148013
29109
56454
4622
5717
422559
411375
410109
423321
423730
28945
7495
222337
188910
72634
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
1
10
10^2
10^3
10^4
10^5


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 6779680
1
0
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
423730
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1