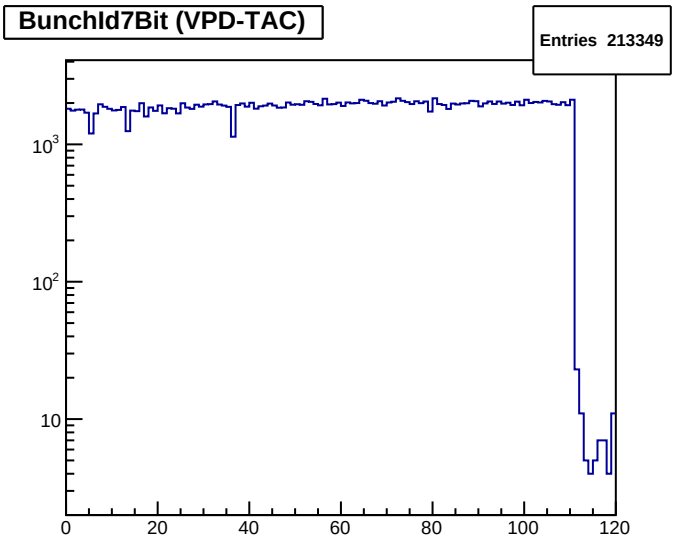
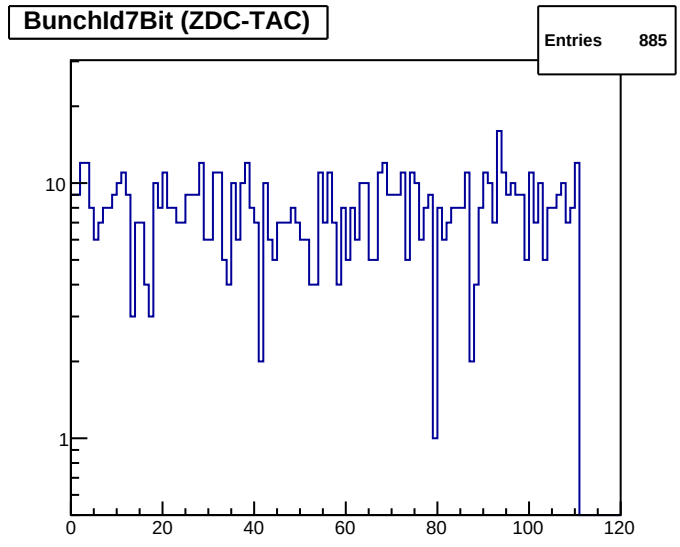
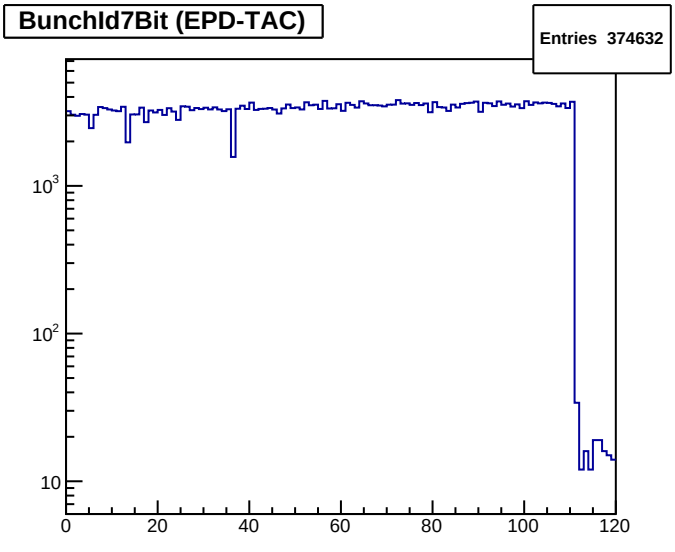
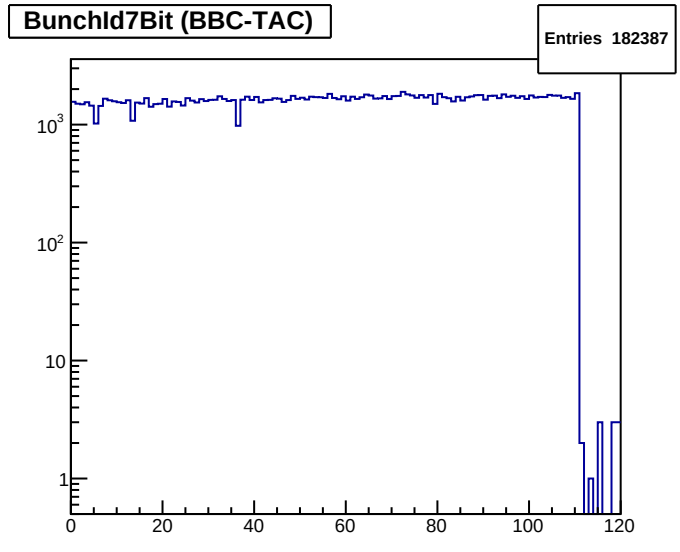
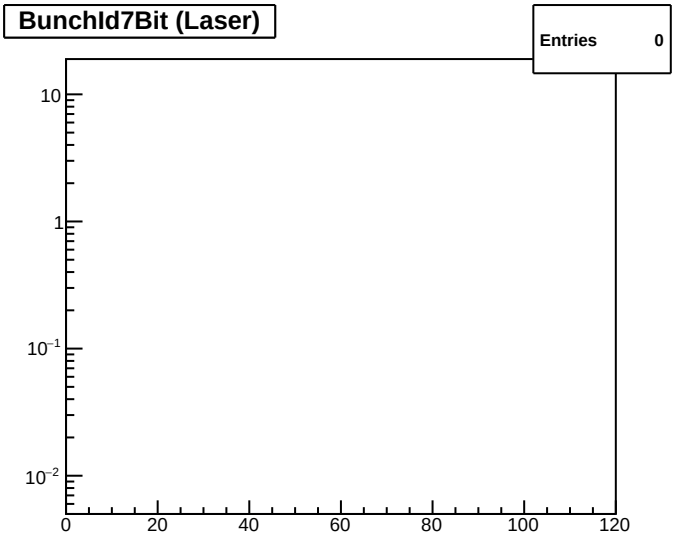
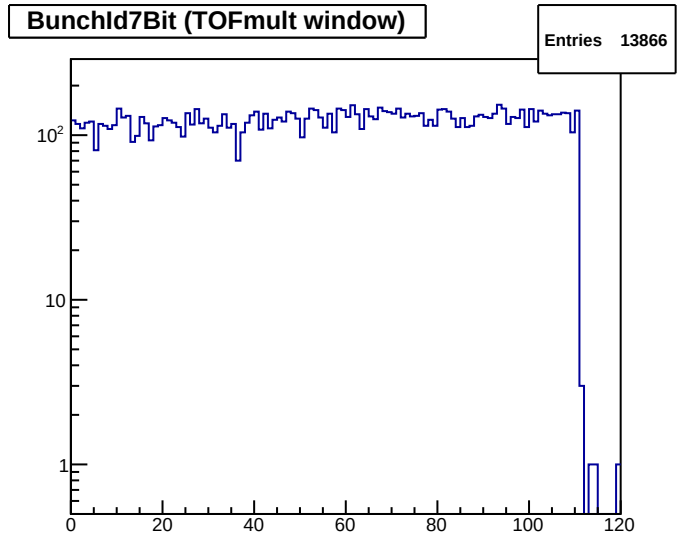

BunchId7Bit (VPD-TAC)
Entries 213349

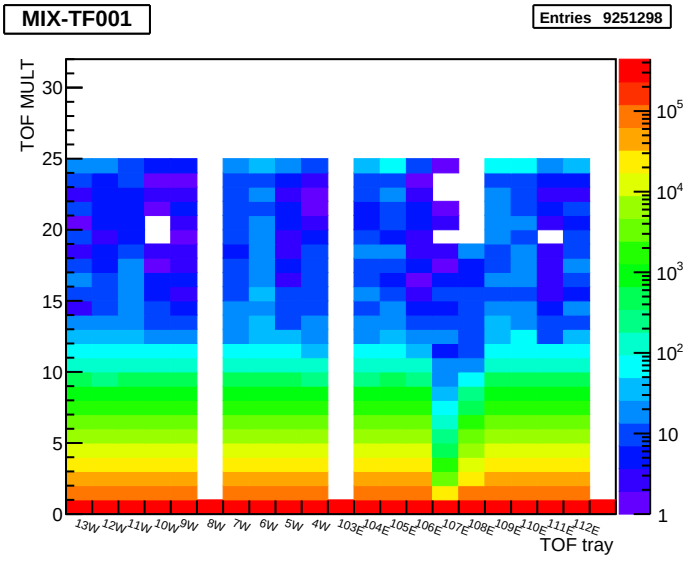

BunchId7Bit (ZDC-TAC)
Entries 885

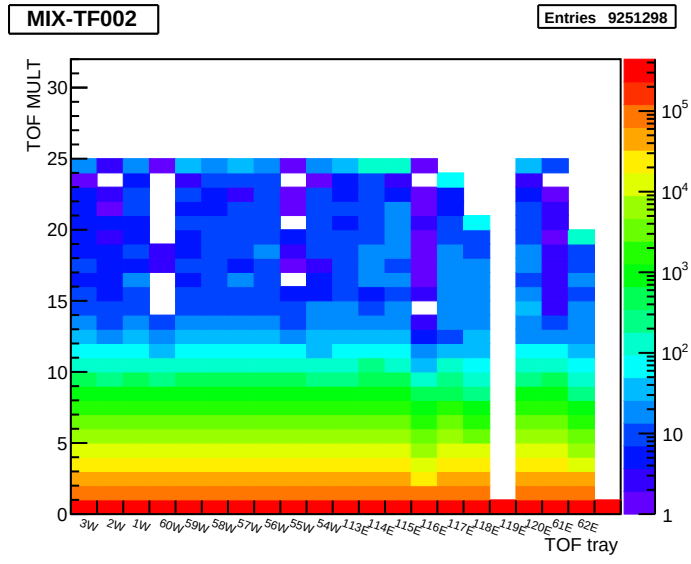

BunchId7Bit (EPD-TAC)
Entries 374632

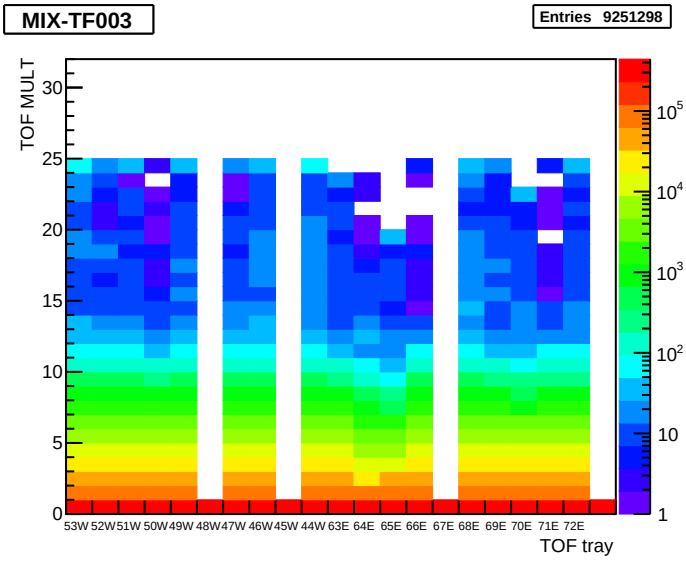

BunchId7Bit (BBC-TAC)
Entries 182387

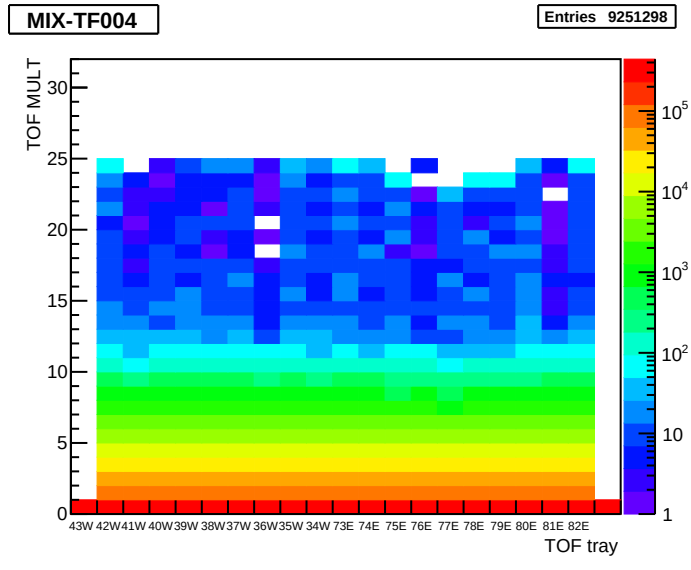

BunchId7Bit (Laser)
Entries 0

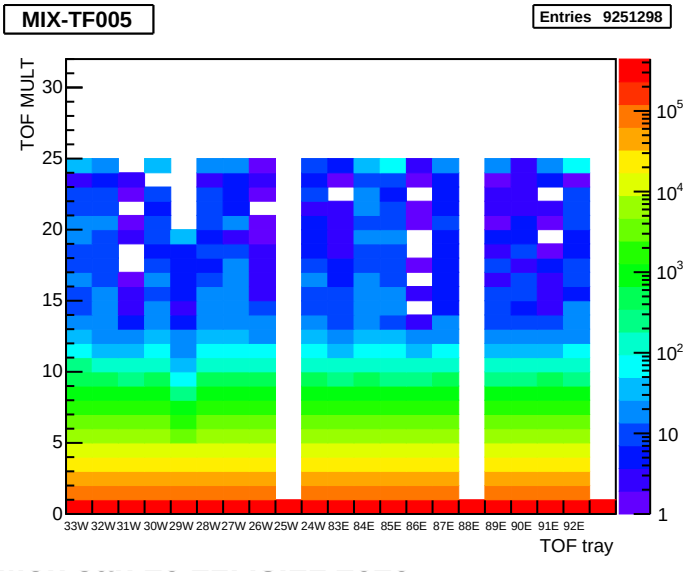

BunchId7Bit (TOFmult window)
Entries 13866

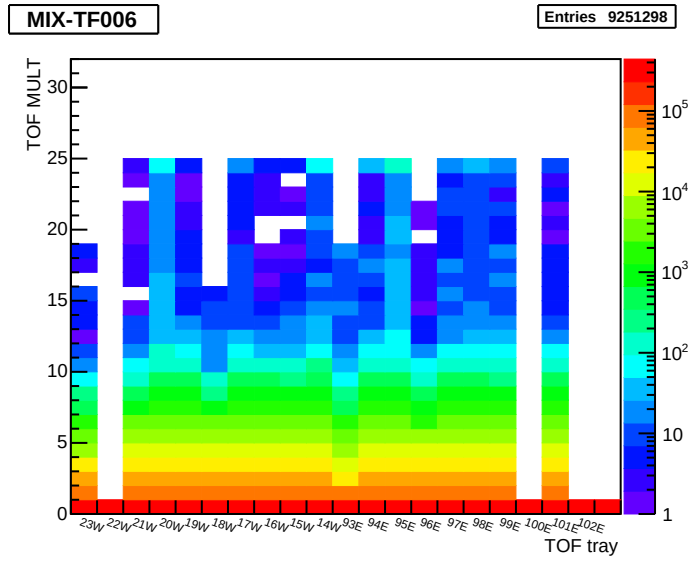

MIX-TF001
Entries 9251298
TOF MULT
TOF tray

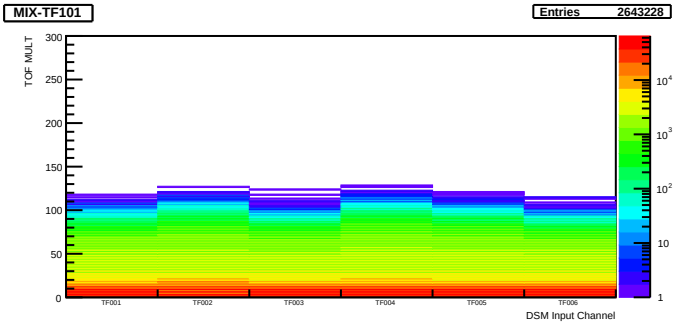

MIX-TF002
Entries 9251298
TOF MULT
TOF tray

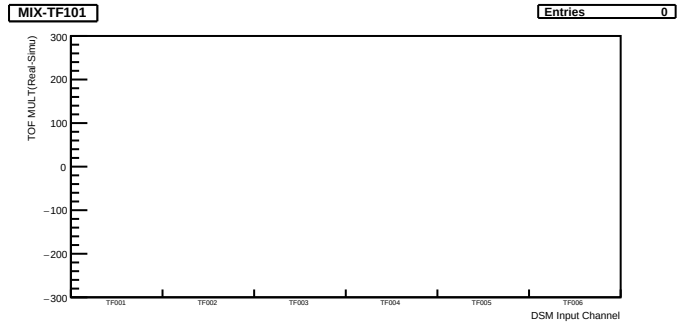

MIX-TF003
Entries 9251298
TOF MULT
TOF tray

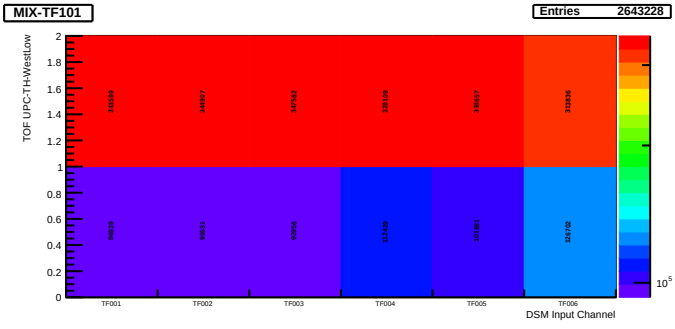

MIX-TF004
Entries 9251298
TOF MULT
TOF tray

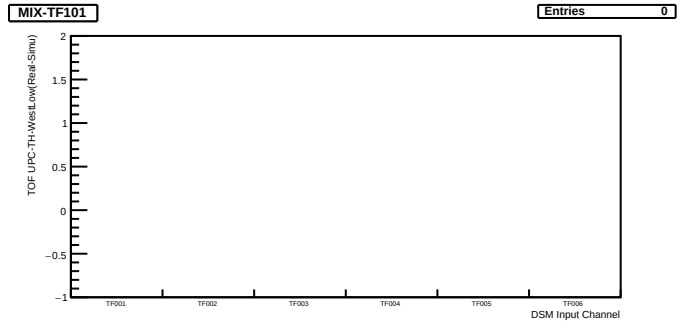

MIX-TF005
Entries 9251298
TOF MULT
TOF tray

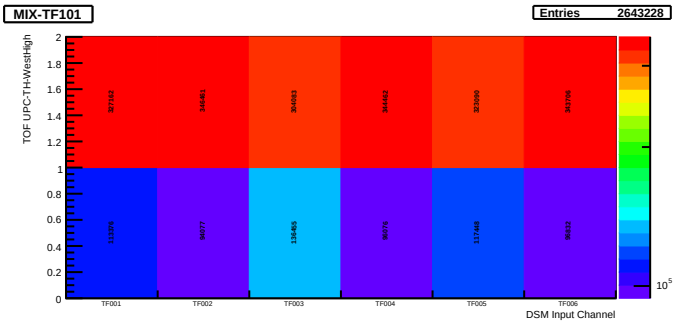

MIX-TF006
Entries 9251298
TOF MULT
TOF tray

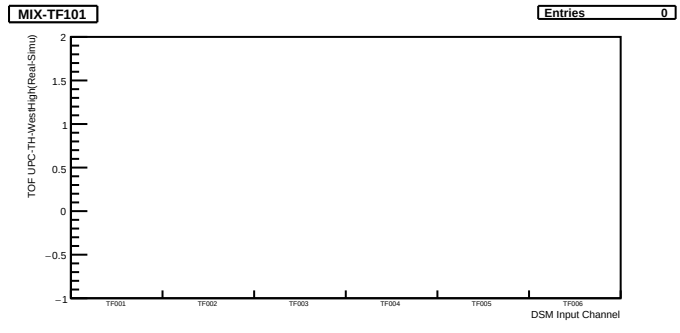

MIX-TF101
Entries 2643228
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

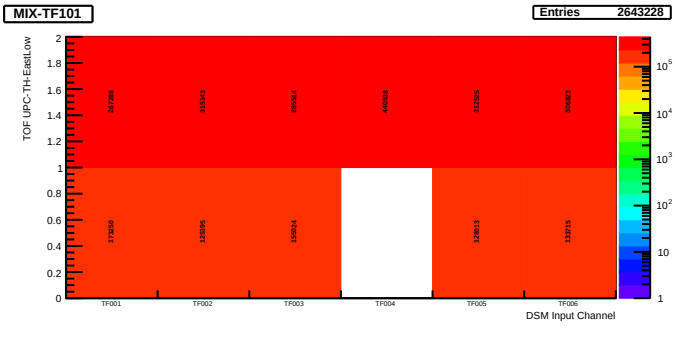

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

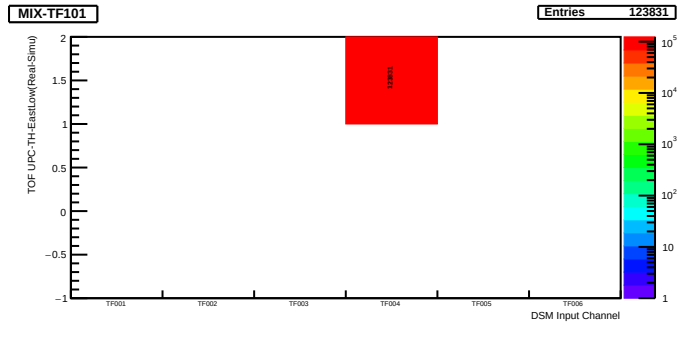

MIX-TF101
Entries 2643228
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

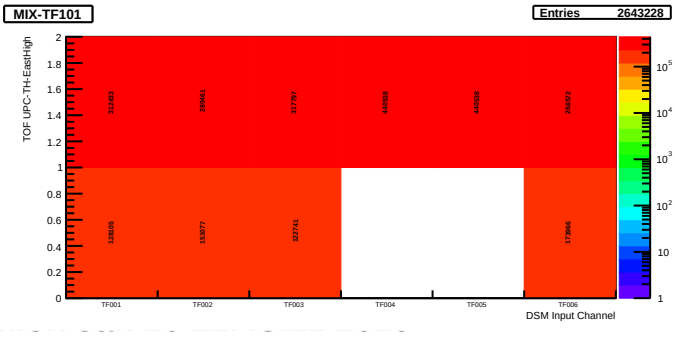

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

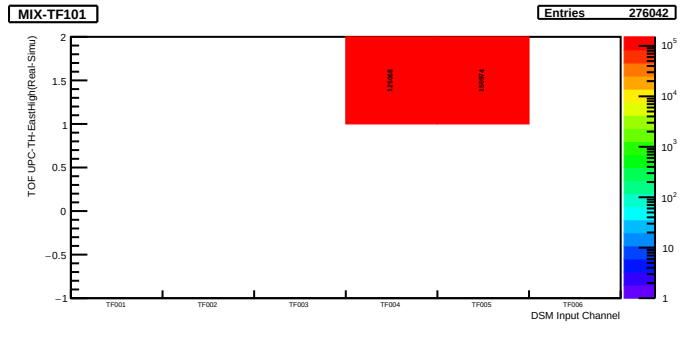

MIX-TF101
Entries 2643228
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

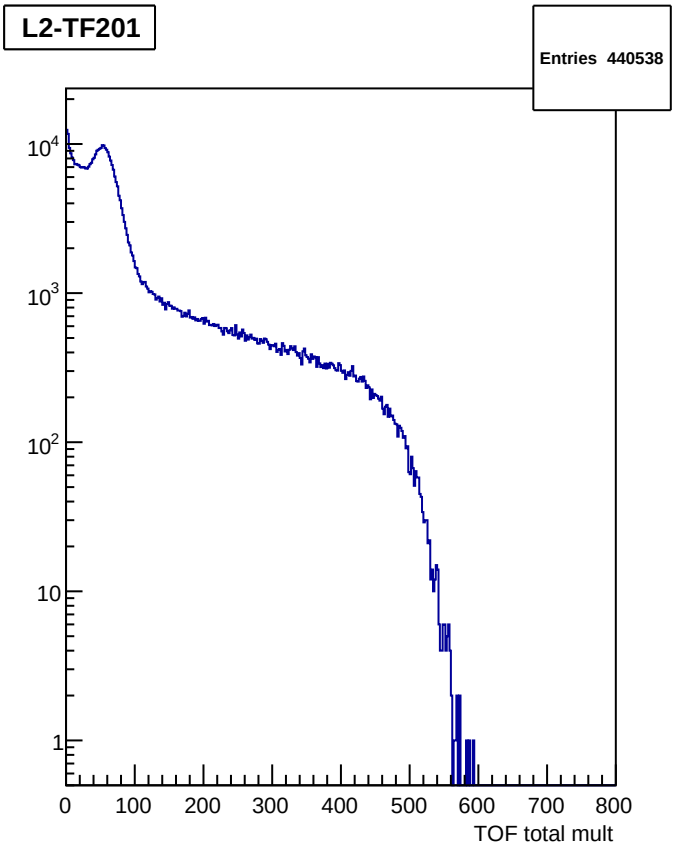

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

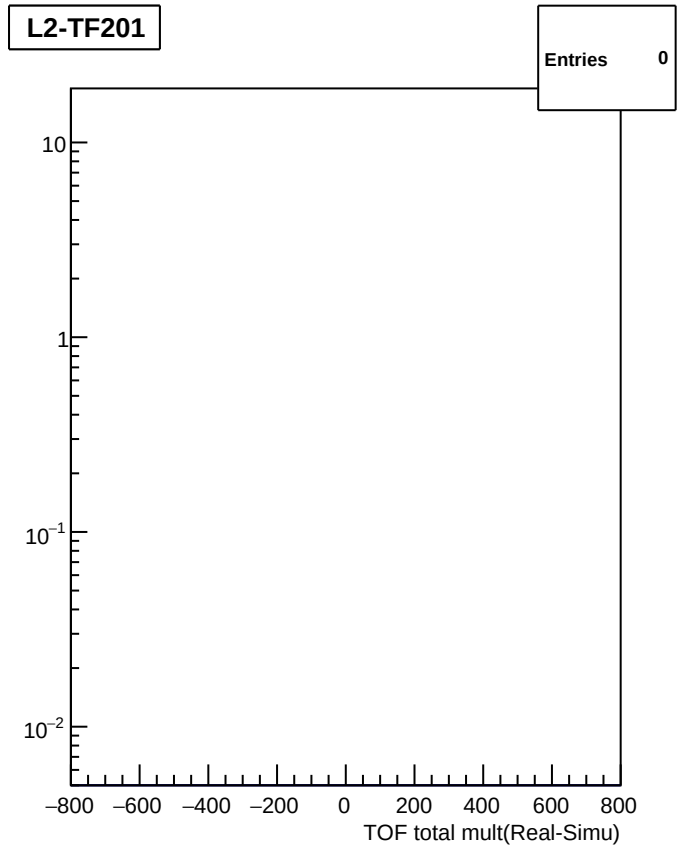

MIX-TF101
Entries 2643228
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

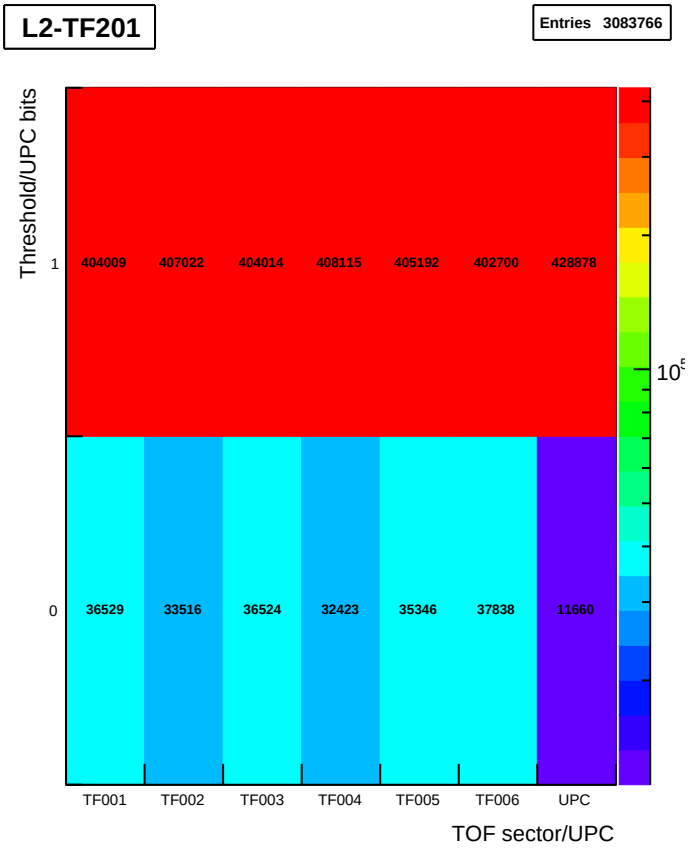

MIX-TF101
Entries 123831
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

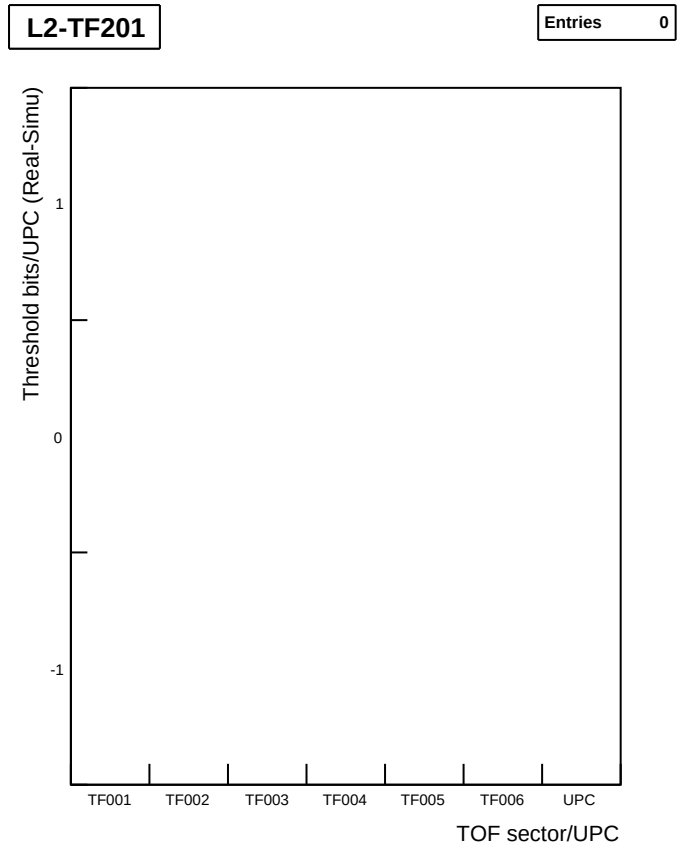

MIX-TF101
Entries 2643228
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

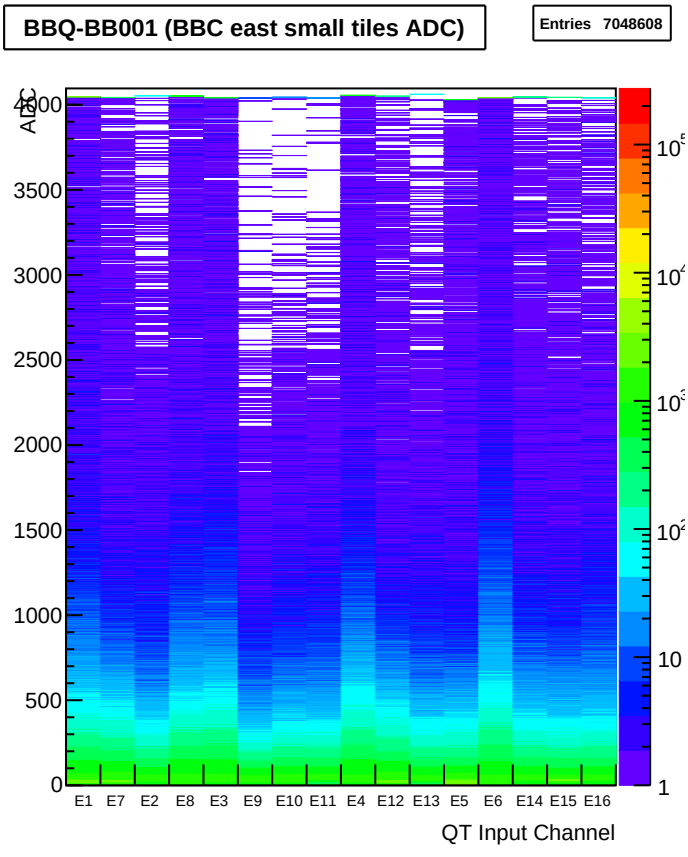

MIX-TF101
Entries 276042
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

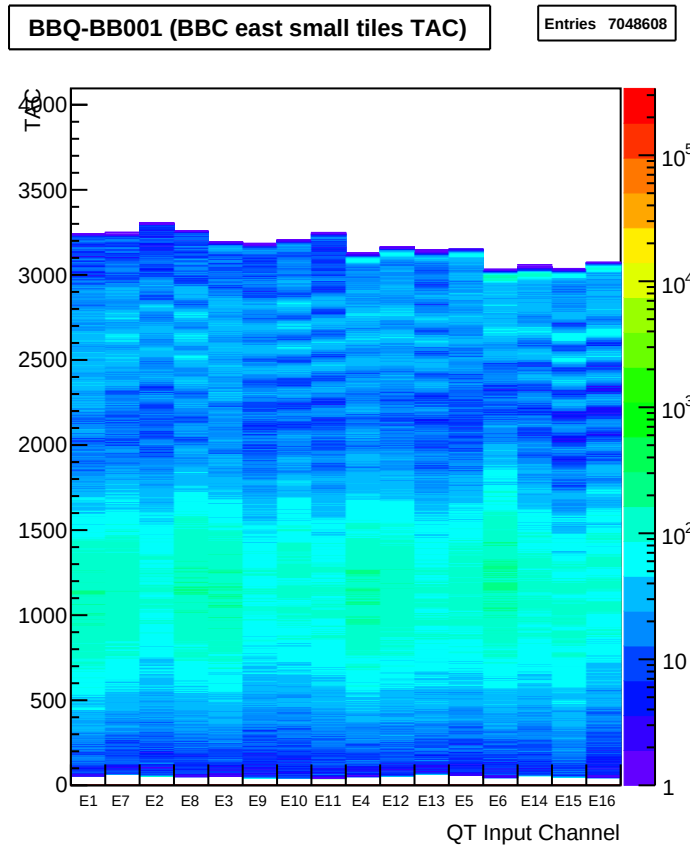

L2-TF201
Entries 440538
TOF total mult

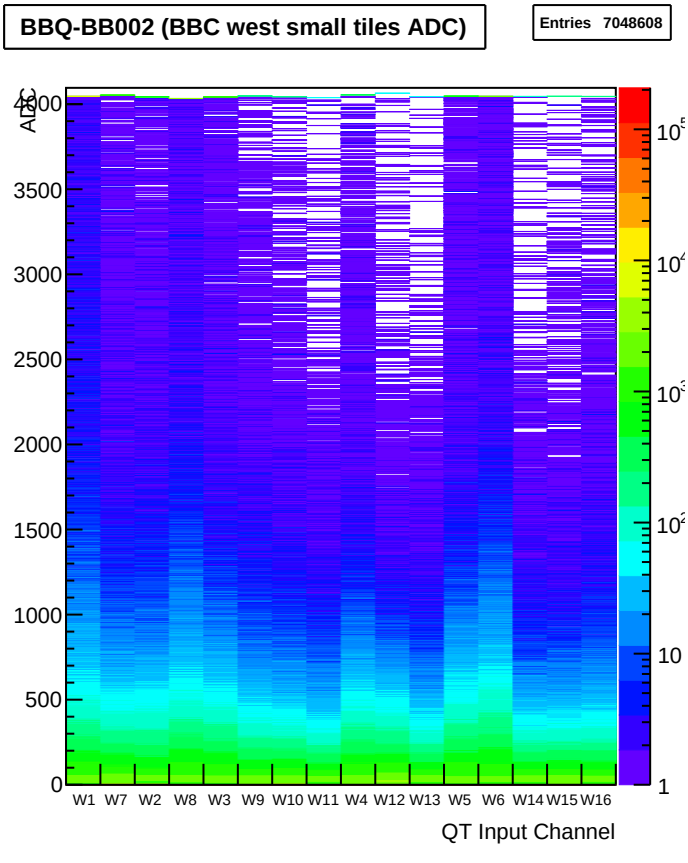

L2-TF201
Entries 0
TOF total mult(Real-Simu)

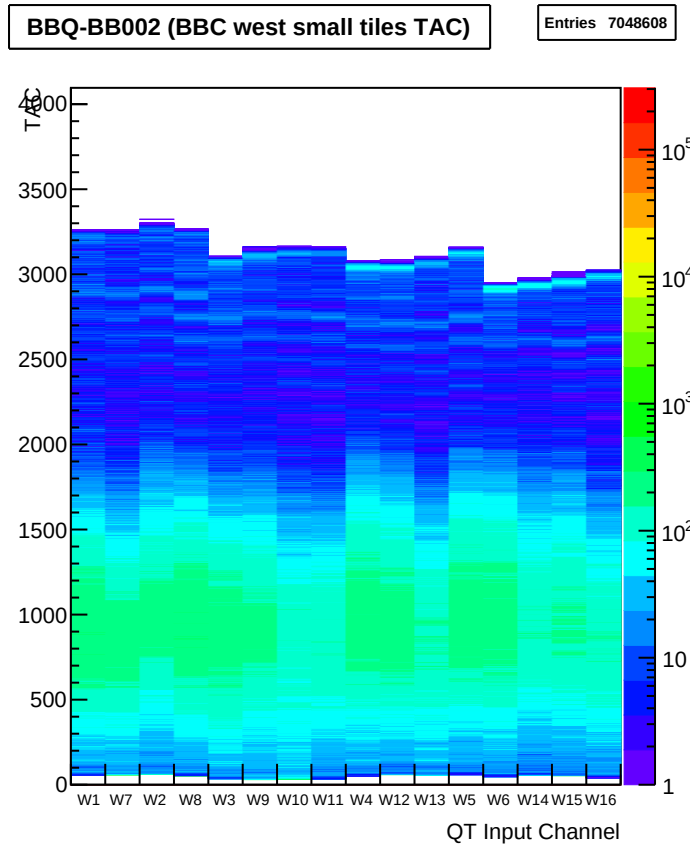

L2-TF201
Entries 3083766
Threshold/UPC bits
404009
407022
404014
408115
405192
402700
428878
36529
33516
36524
32423
35346
37838
11660
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

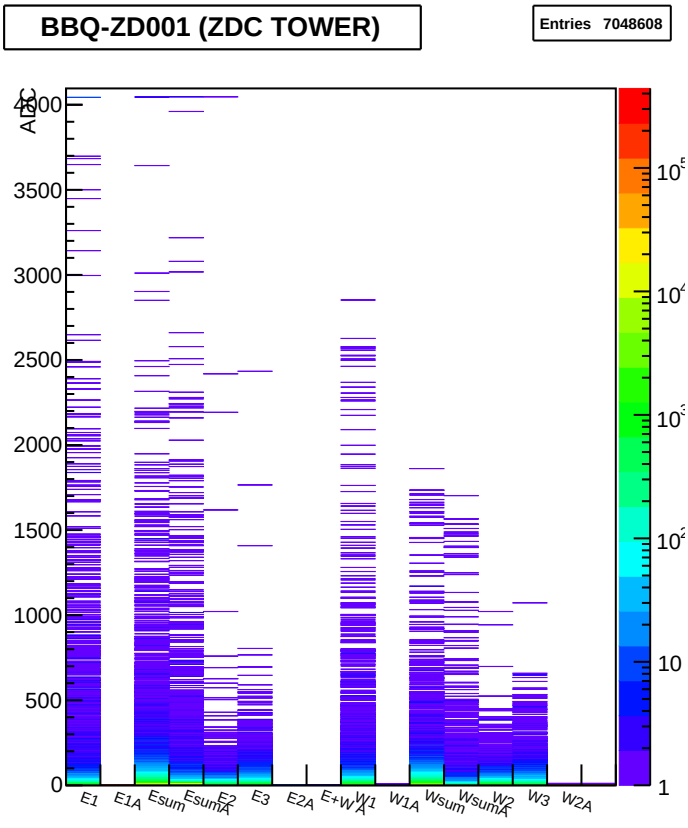

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

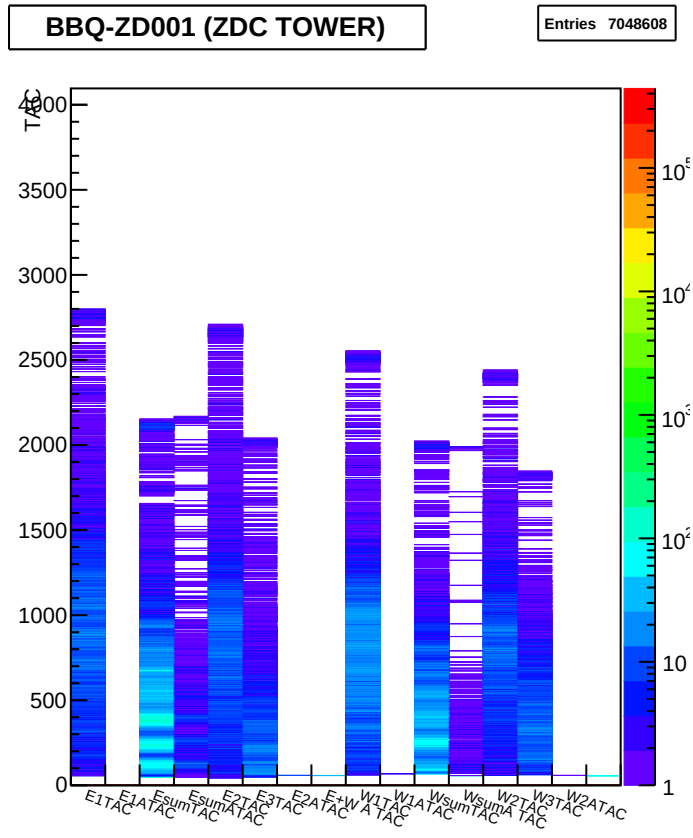

BBQ-BB001 (BBC east small tiles ADC)
Entries 7048608
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

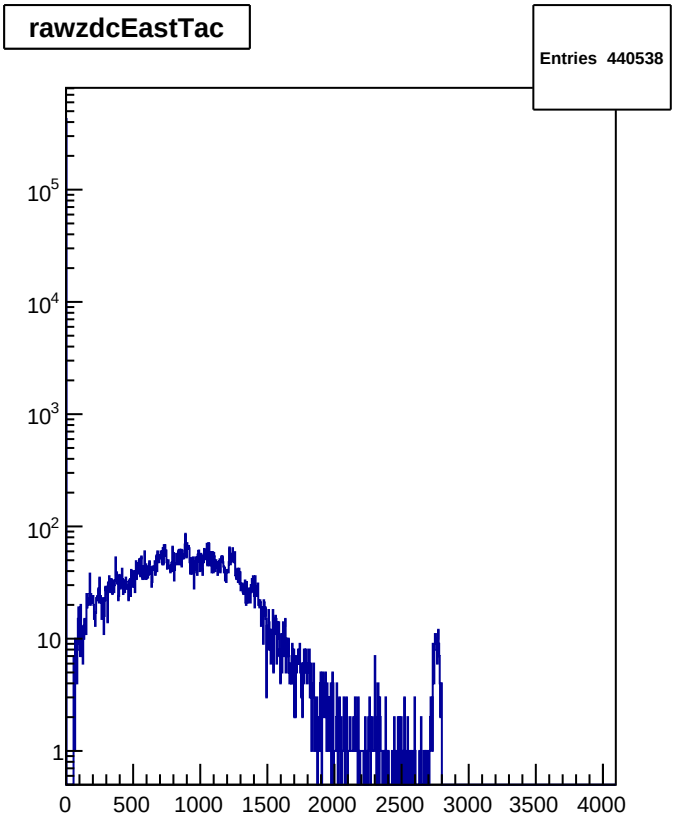

BBQ-BB001 (BBC east small tiles TAC)
Entries 7048608
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

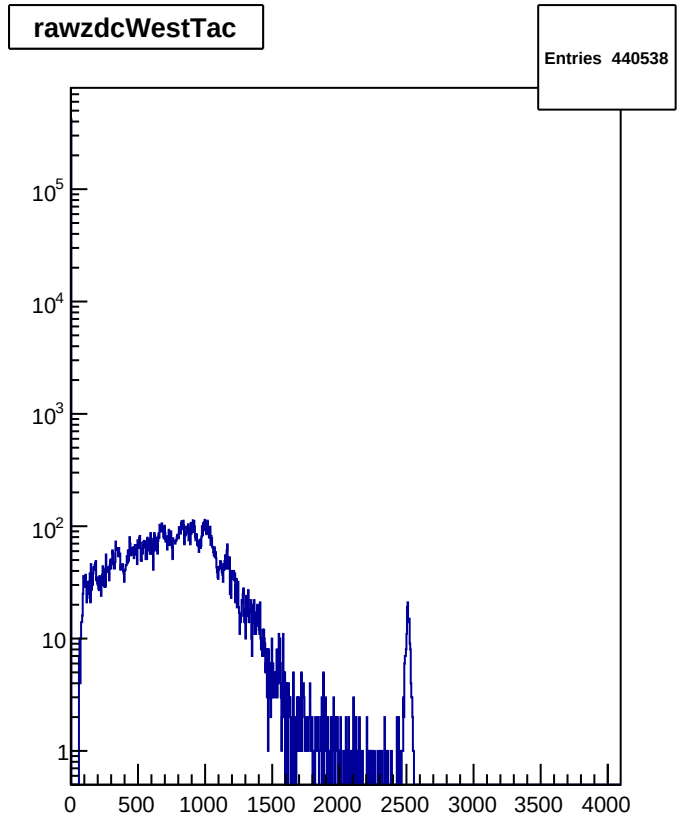

BBQ-BB002 (BBC west small tiles ADC)
Entries 7048608
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

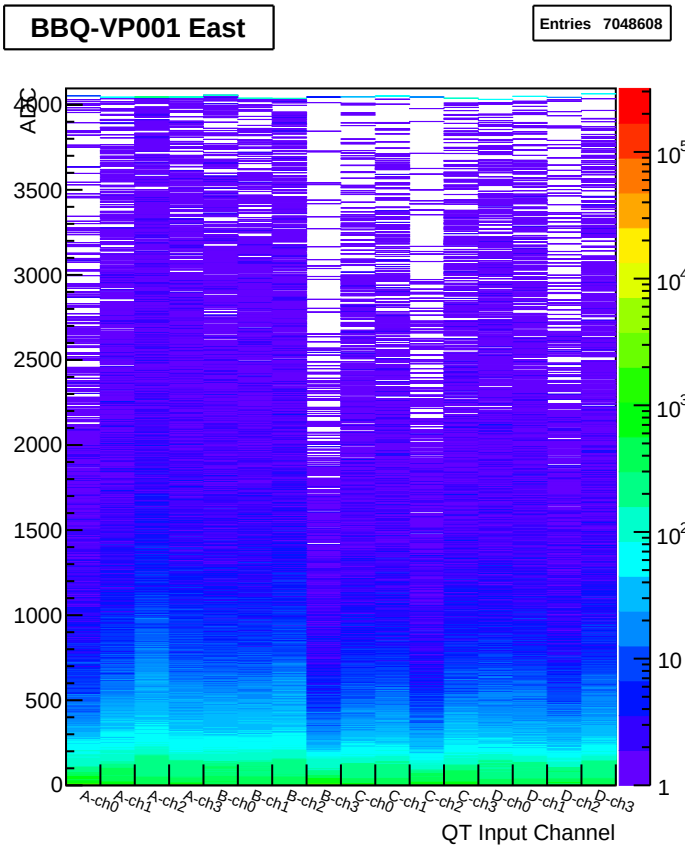

BBQ-BB002 (BBC west small tiles TAC)
Entries 7048608
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

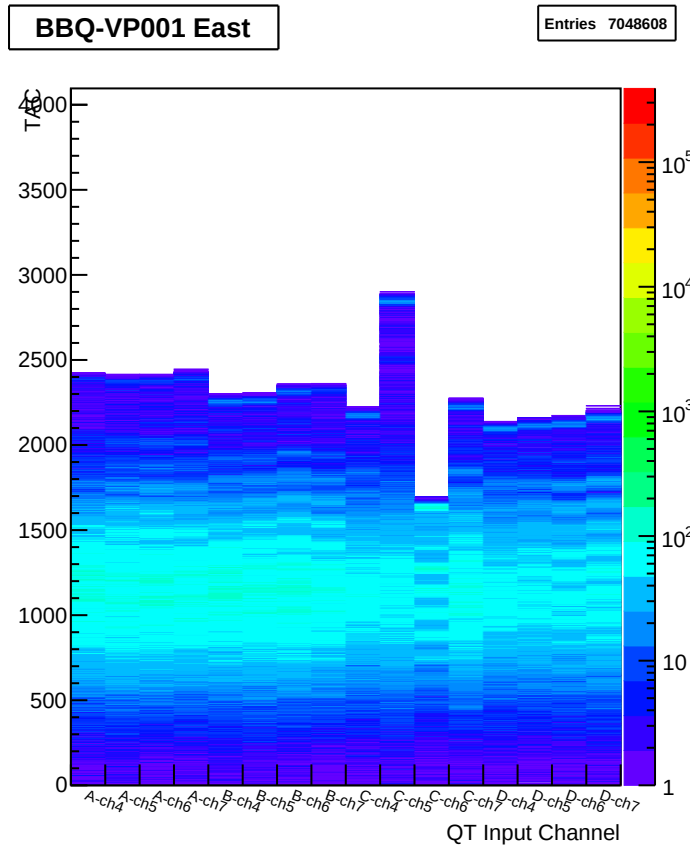

BBQ-ZD001 (ZDC TOWER)
Entries 7048608
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

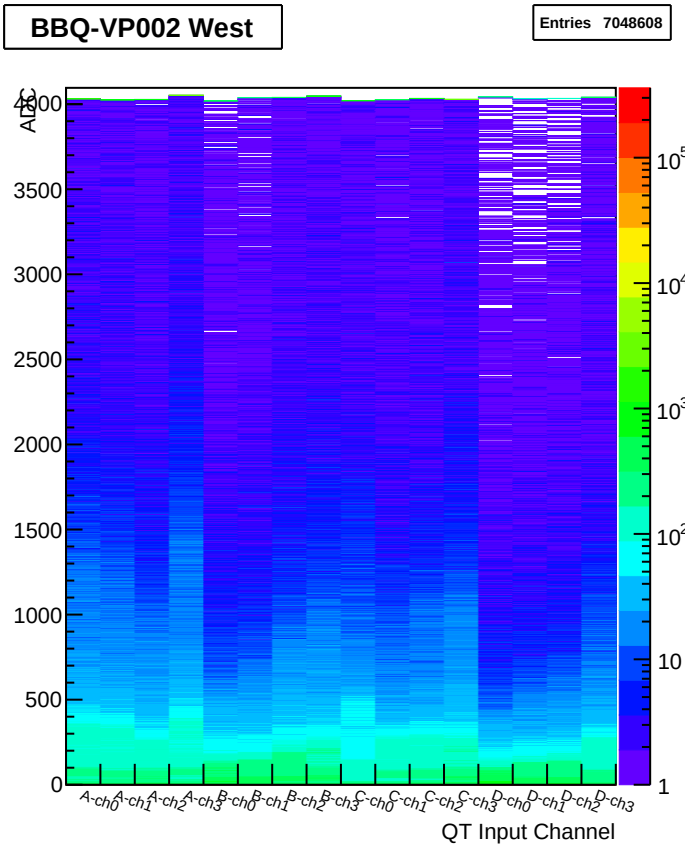

BBQ-ZD001 (ZDC TOWER)
Entries 7048608
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

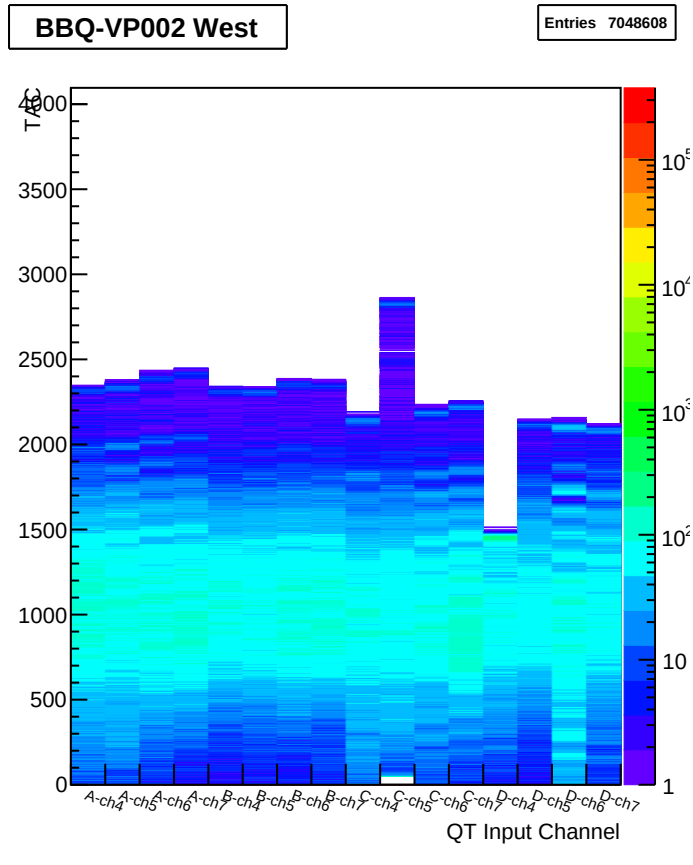

rawzdcEastTac
Entries 440538

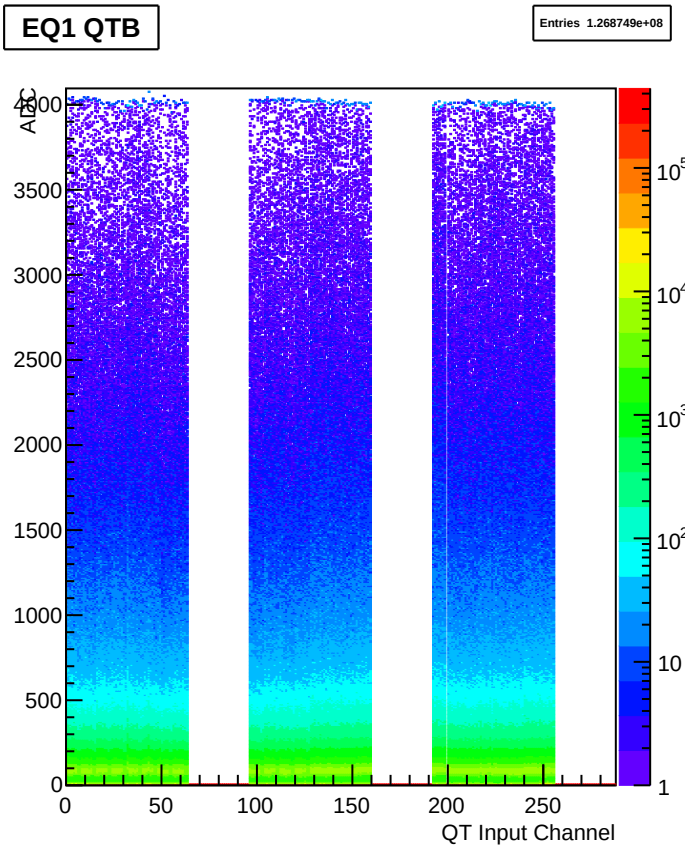

rawzdcWestTac
Entries 440538

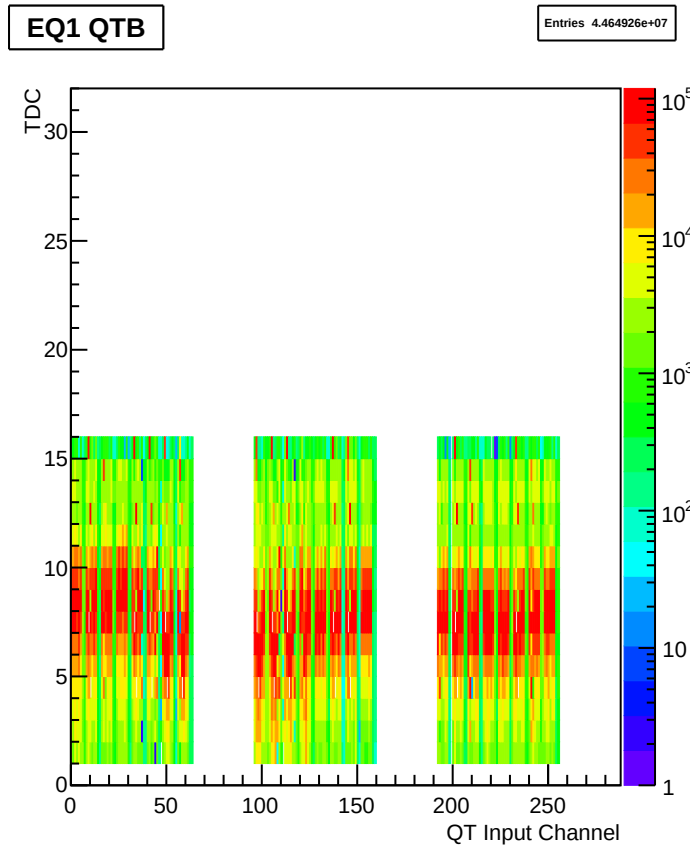

BBQ-VP001 East
Entries 7048608
ADC
QT Input Channel

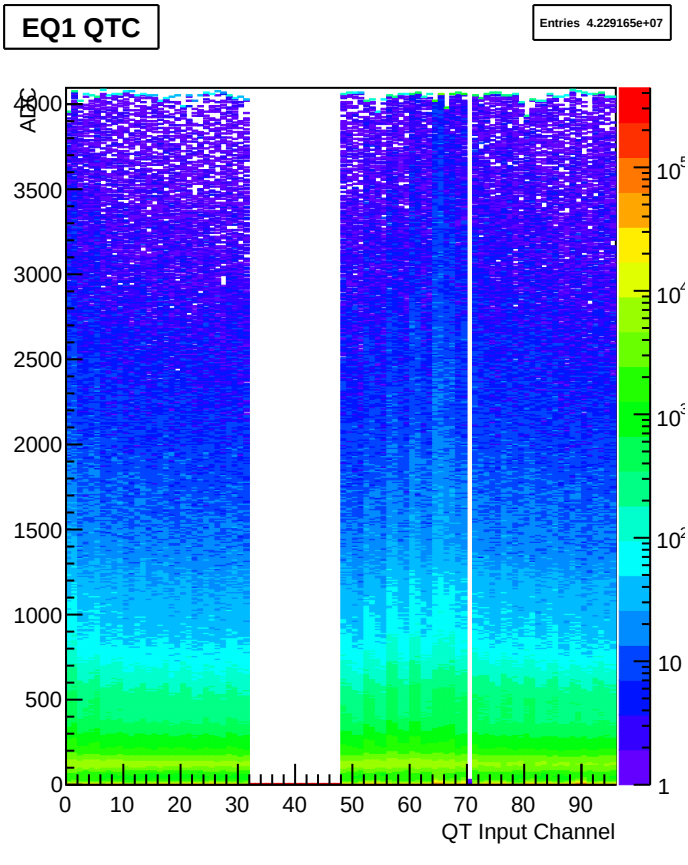

BBQ-VP001 East
Entries 7048608
ADC
QT Input Channel

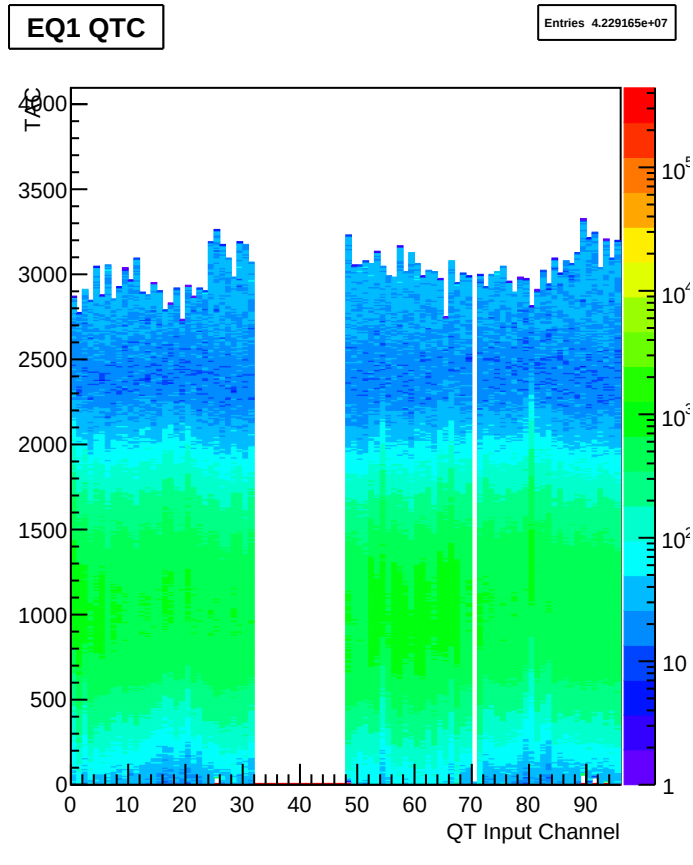

BBQ-VP002 West
Entries 7048608
ADC
QT Input Channel

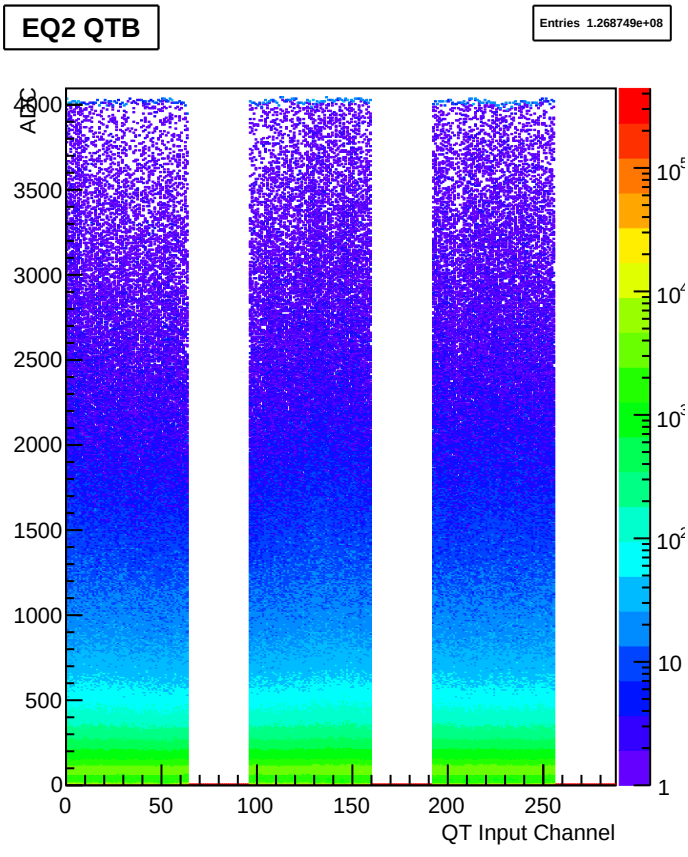

BBQ-VP002 West
Entries 7048608
ADC
QT Input Channel

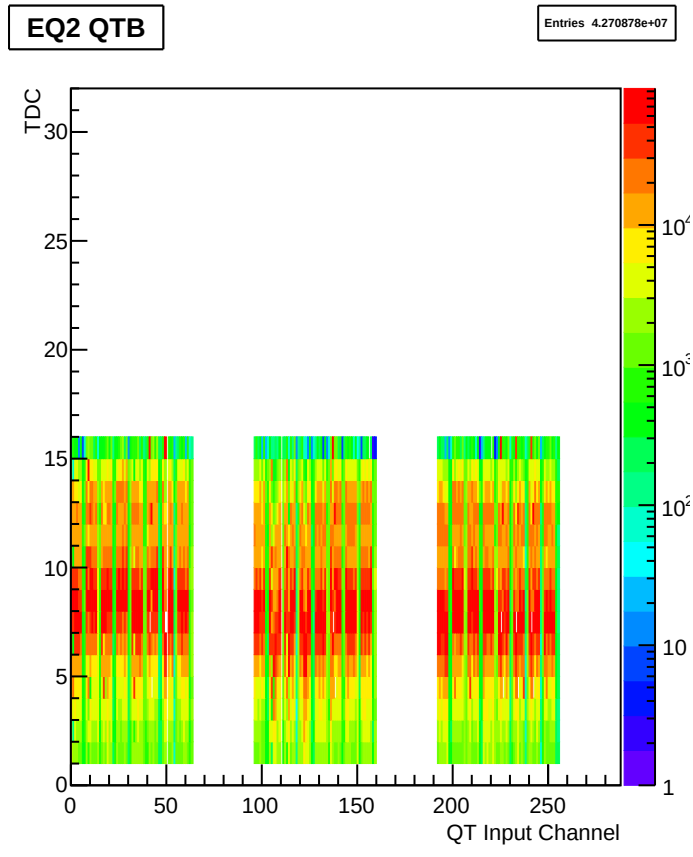

EQ1 QTB
Entries 1.268749e+08
ADC
QT Input Channel

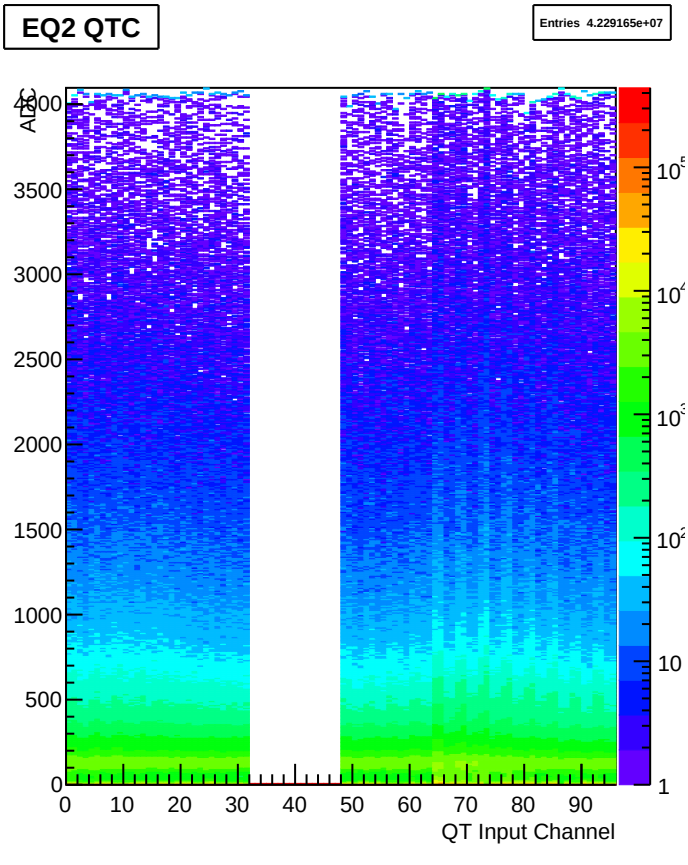

EQ1 QTB
Entries 4.464926e+07
TDC
QT Input Channel

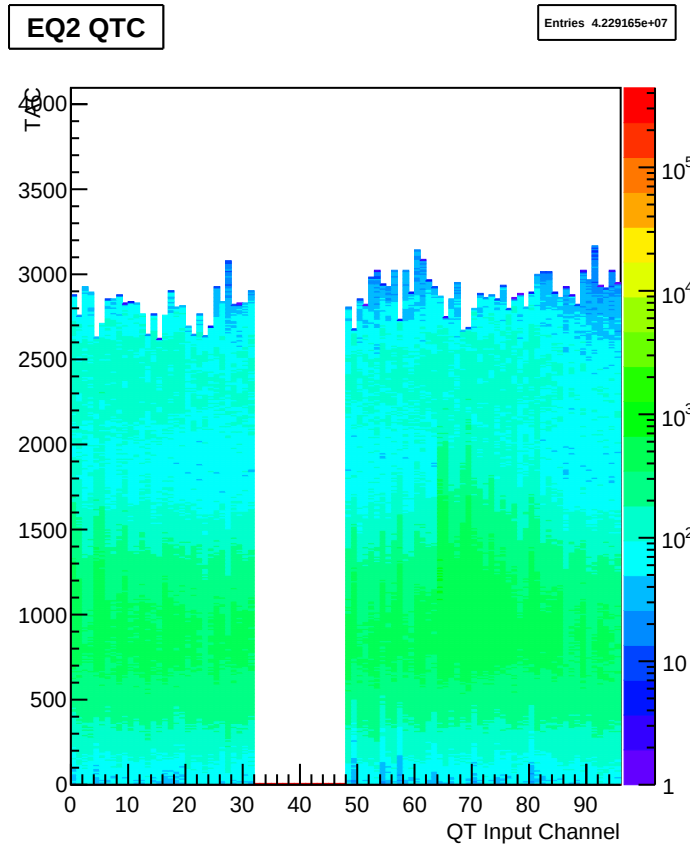

EQ1 QTC
Entries 4.229165e+07
ADC
QT Input Channel

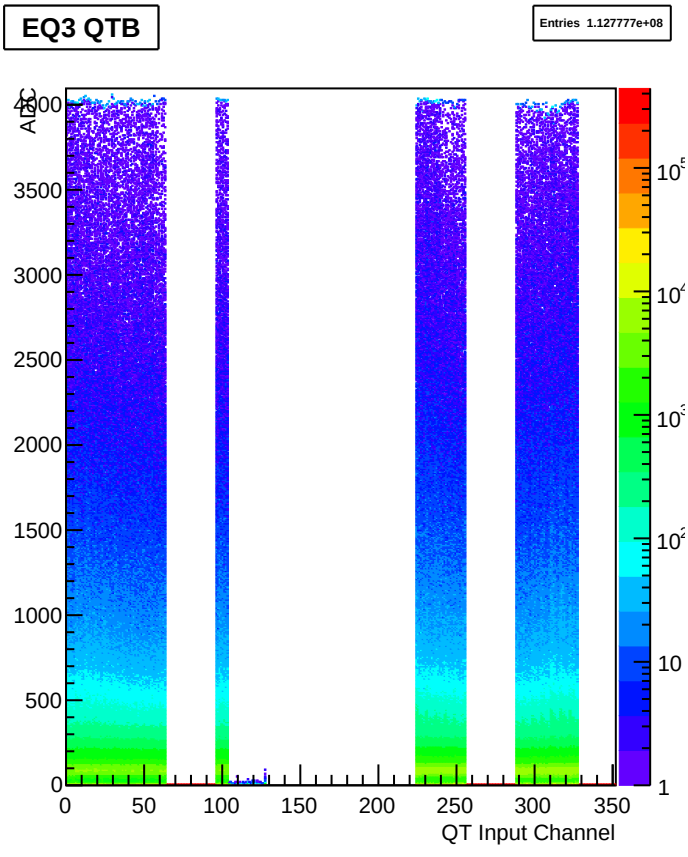

EQ1 QTC
Entries 4.229165e+07
TADC
QT Input Channel

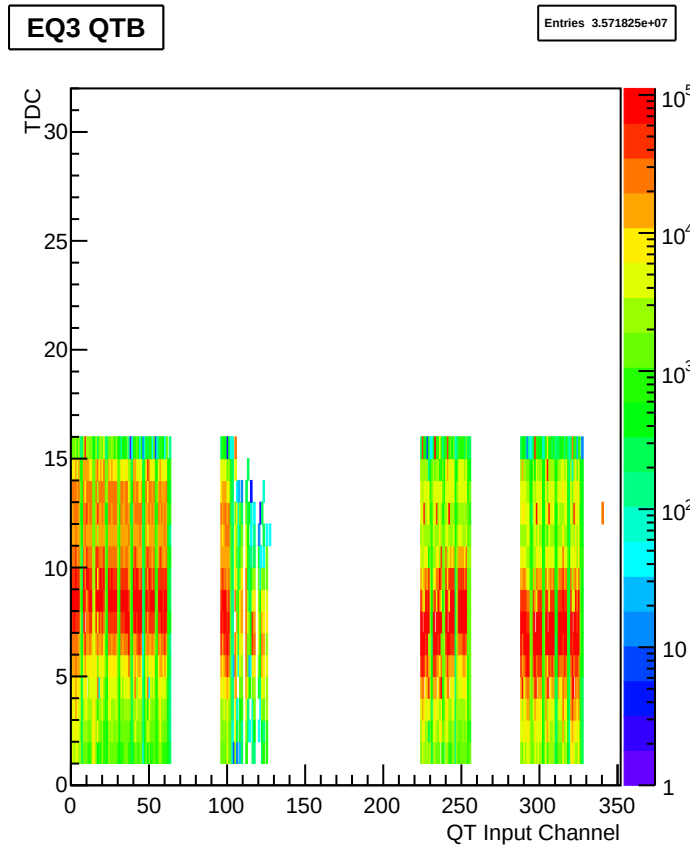

EQ2 QTB
Entries 1.268749e+08
ADC
QT Input Channel

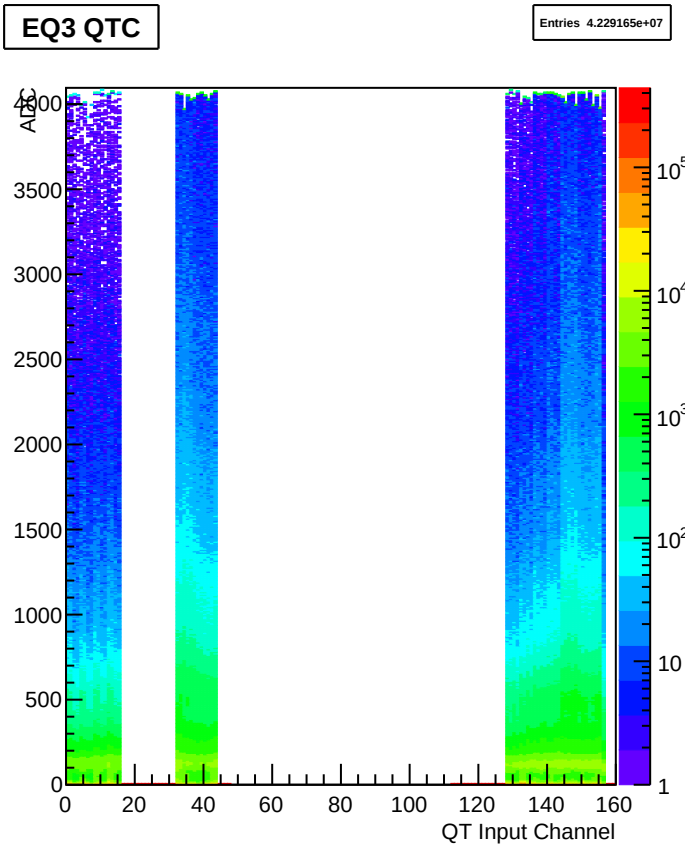

EQ2 QTB
Entries 4.270878e+07
TDC
QT Input Channel

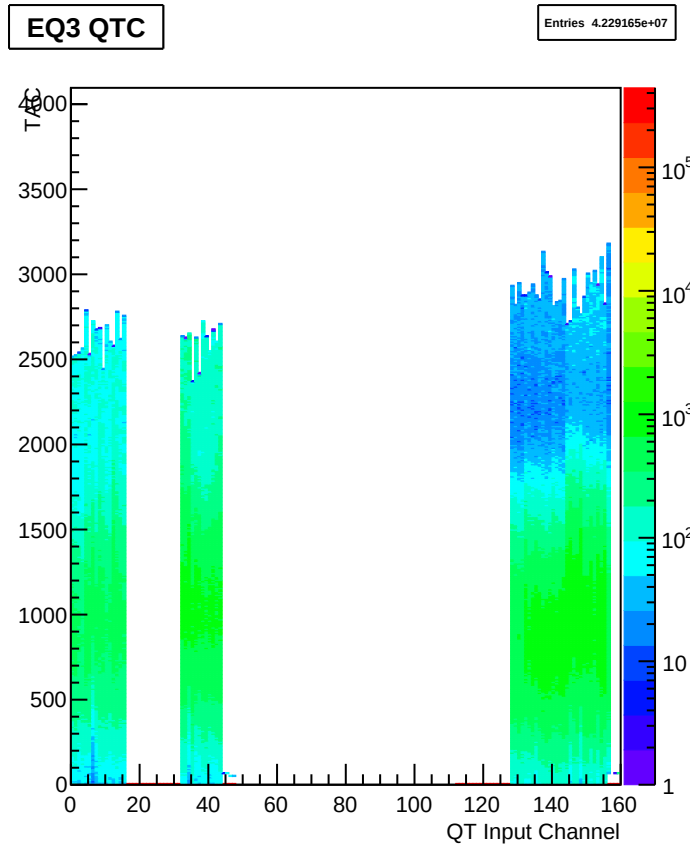

EQ2 QTC
Entries 4.229165e+07
ADC
QT Input Channel

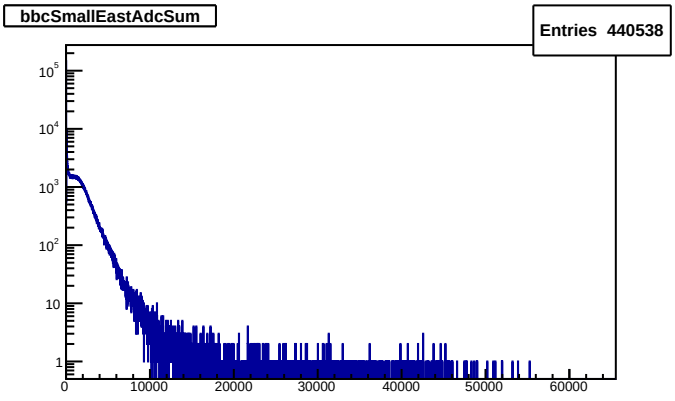

EQ2 QTC
Entries 4.229165e+07
TADC
QT Input Channel

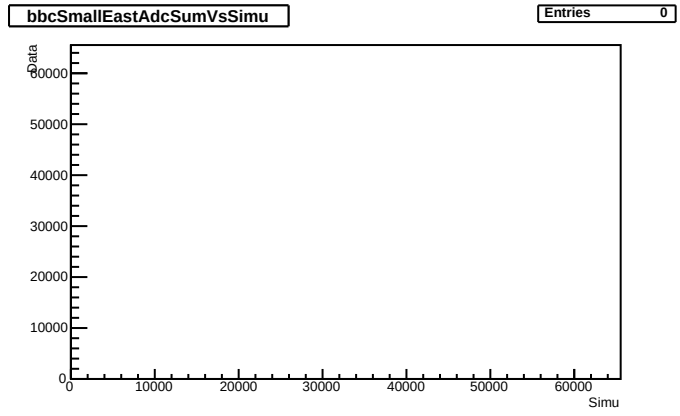

EQ3 QTB
Entries 1.127777e+08
ADC
QT Input Channel

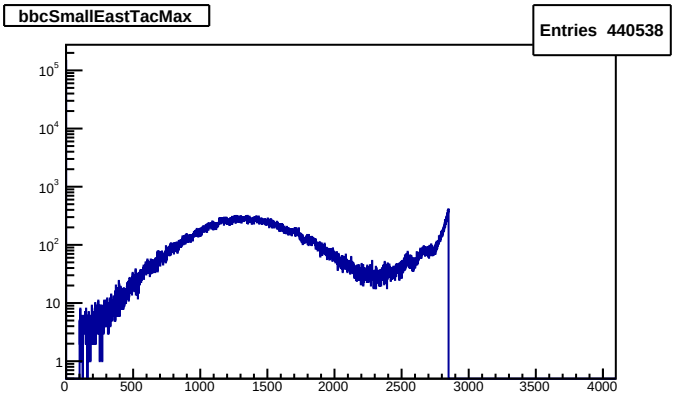

EQ3 QTB
Entries 3.571825e+07
TDC
QT Input Channel

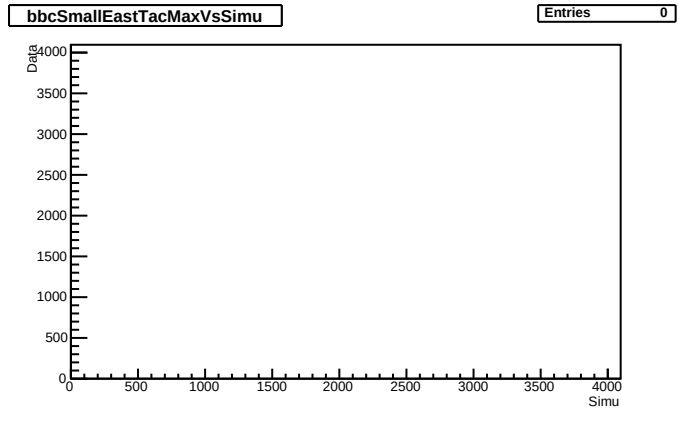

EQ3 QTC
Entries 4.229165e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.229165e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 440538


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 440538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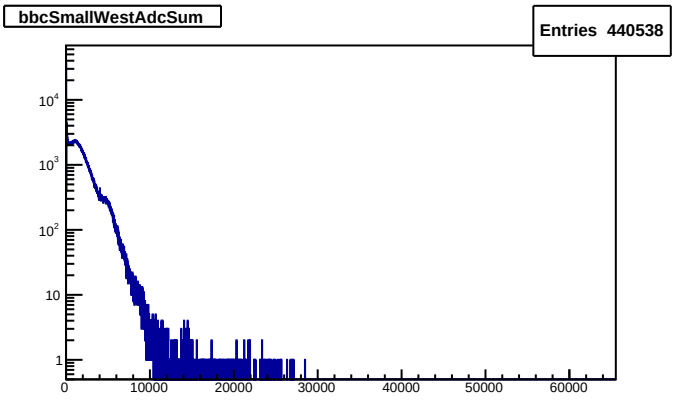
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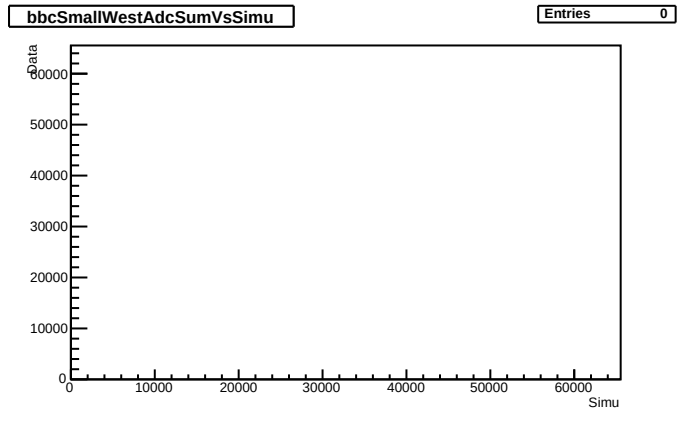
Entries 440538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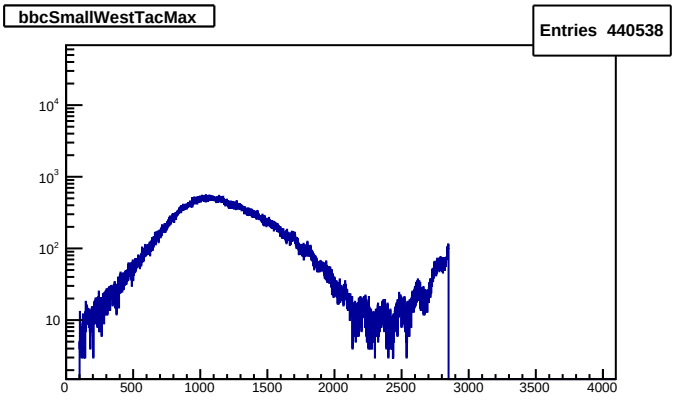
Simu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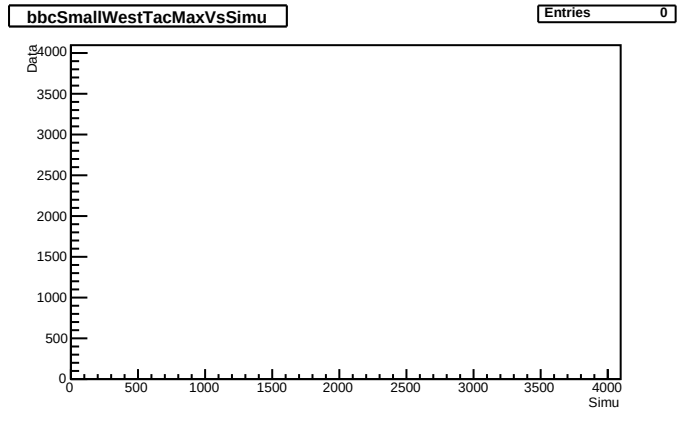
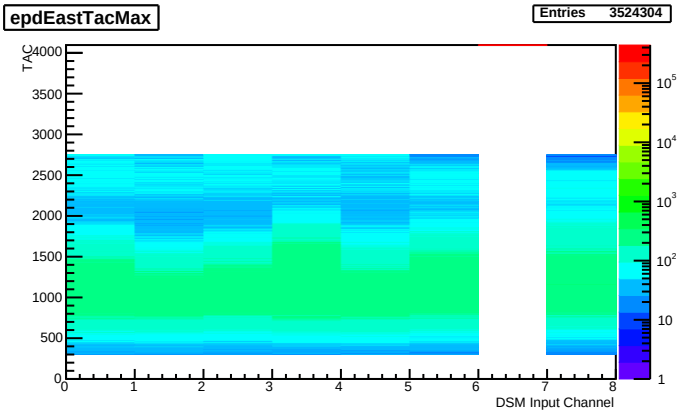
Entries 440538


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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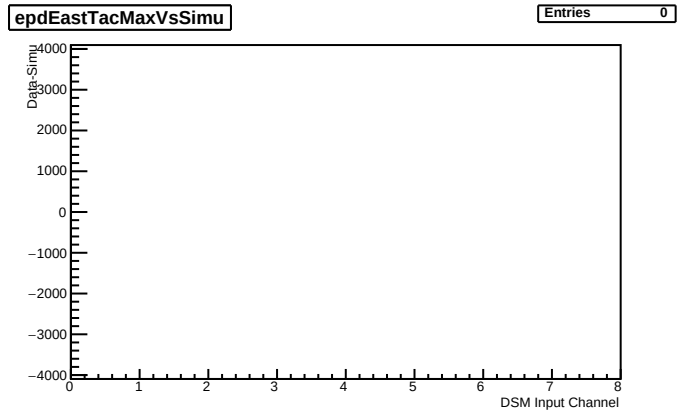
Entries 3524304
TAC
DSM Input Channel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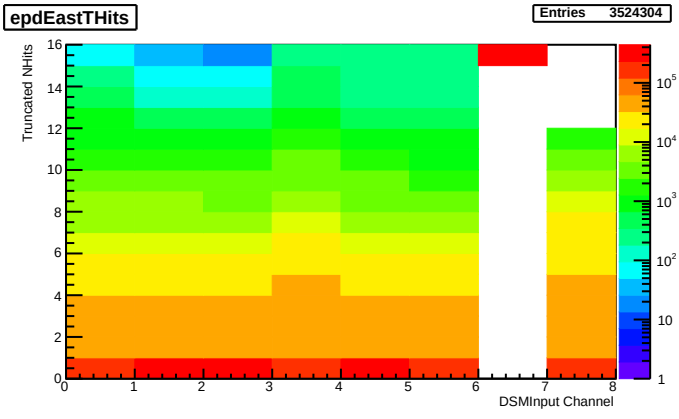
Entries 0
Data-Simu
DSM Input Channel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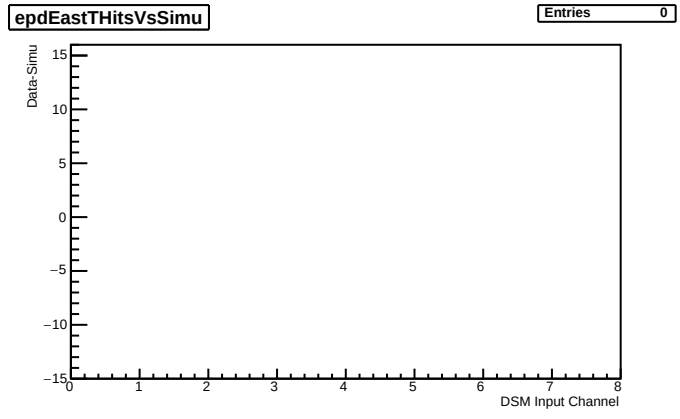
Entries 3524304
Truncated NHits
DSMInput Channel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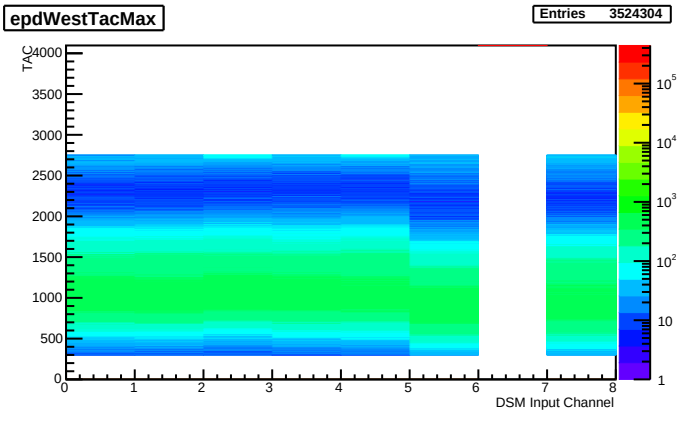
DSM Input Channel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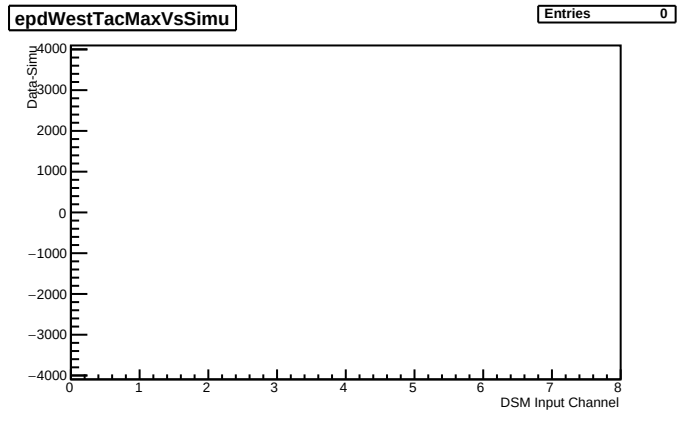
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Entries 0
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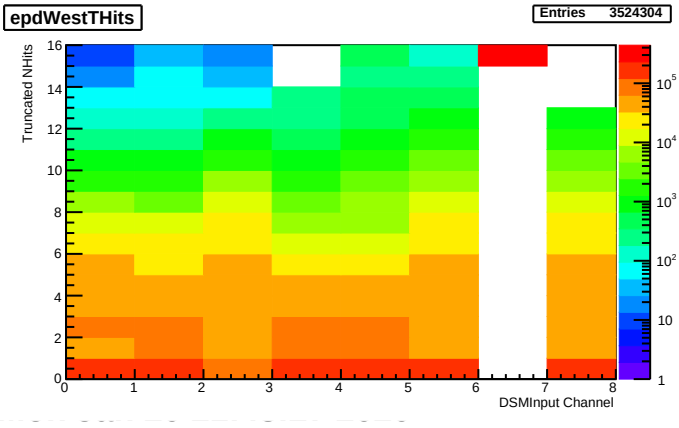
DSM Input Channel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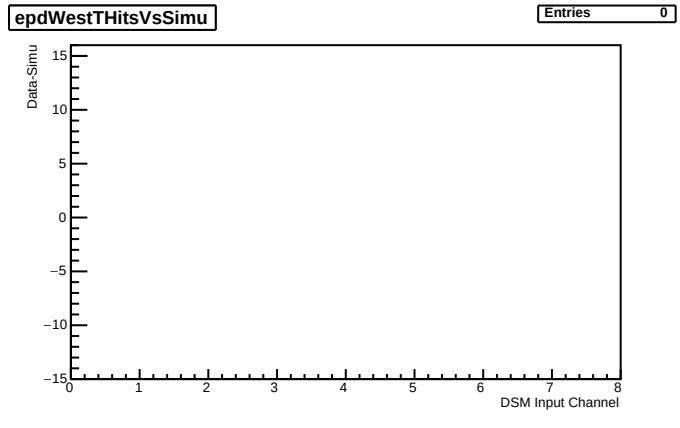
Entries 3524304
Truncated NHits
DSMInput Channel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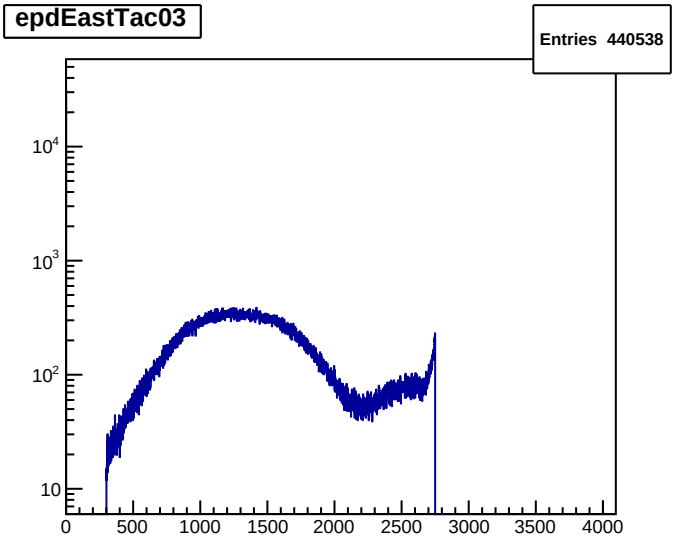
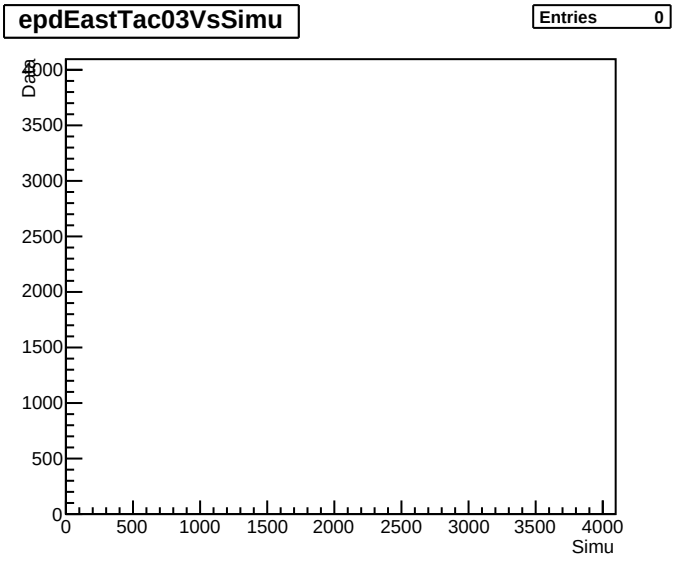
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 440538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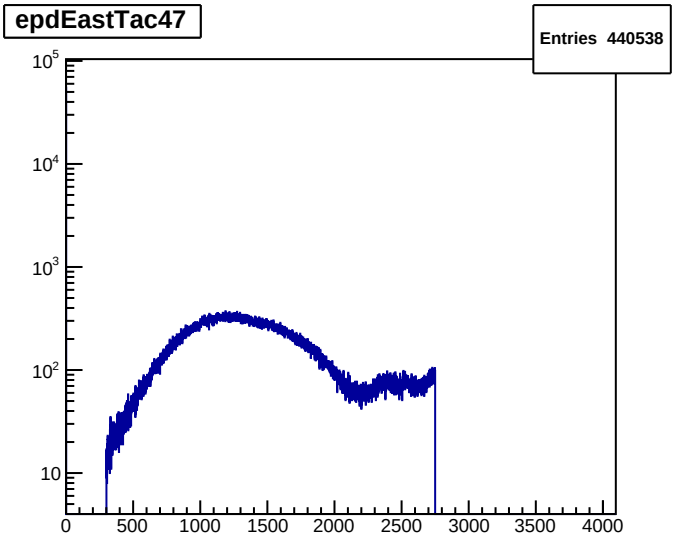
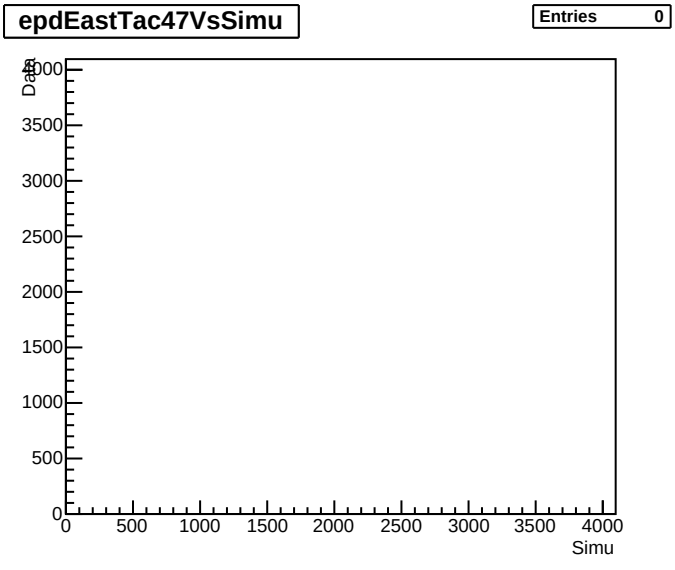
Entries 0
Data
Simu


epdEastTac47
Entries 440538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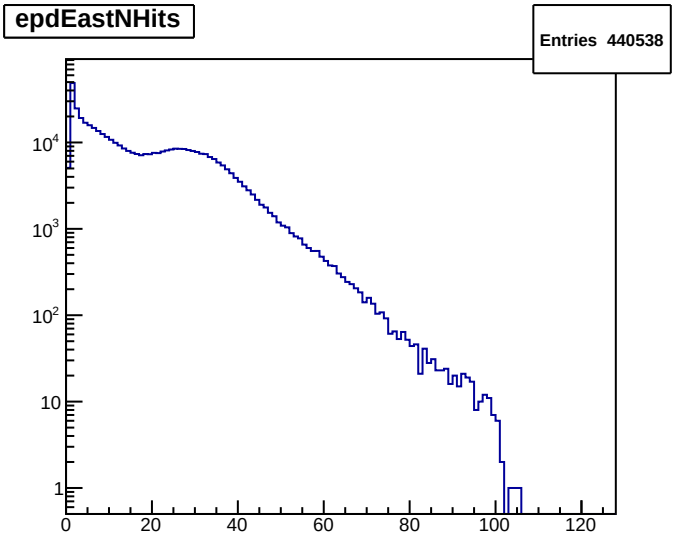
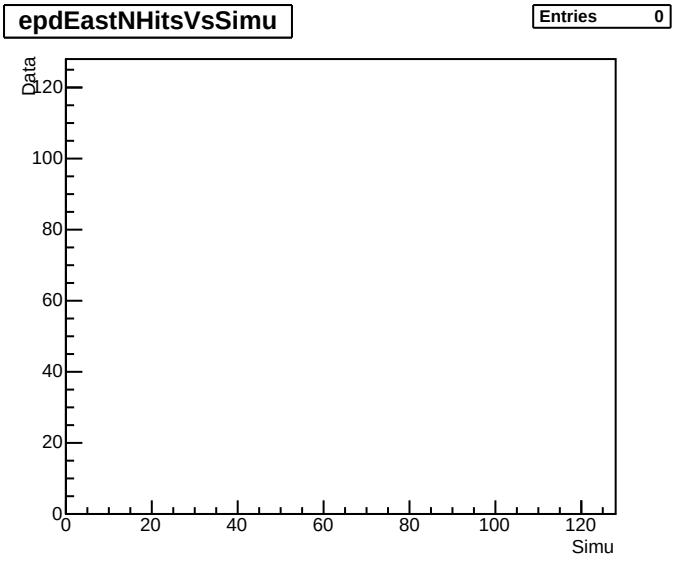
Entries 0
Data
Simu


epdEastNHits
Entries 440538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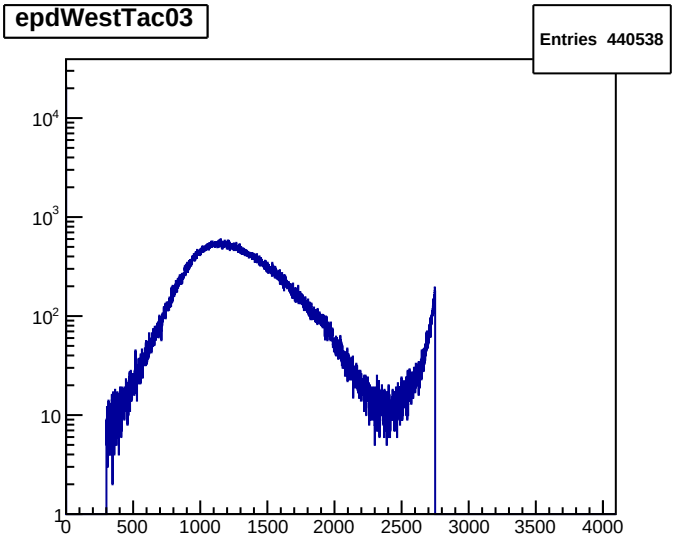
Entries 0
Data
Simu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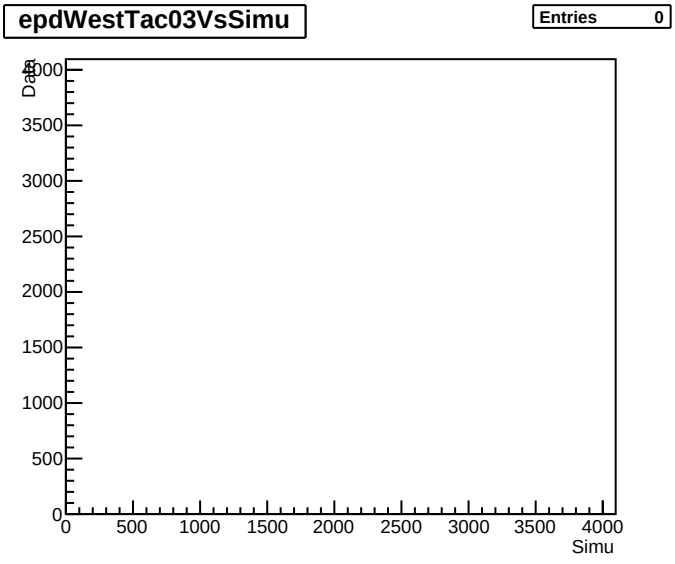
Entries 440538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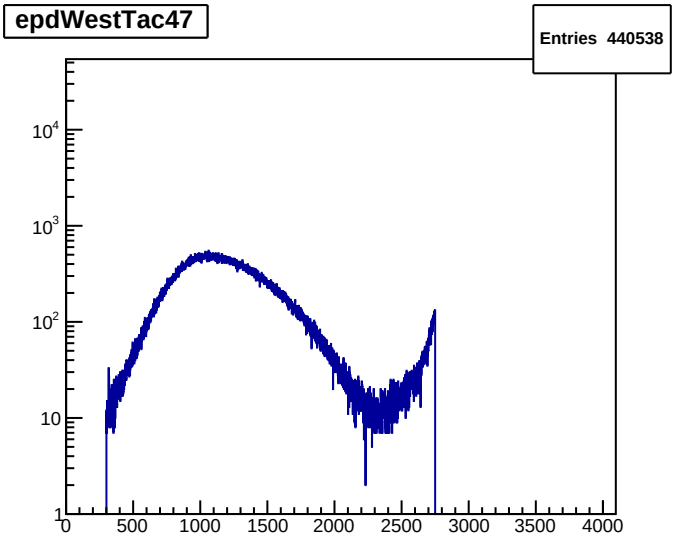
Entries 0
Data
Simu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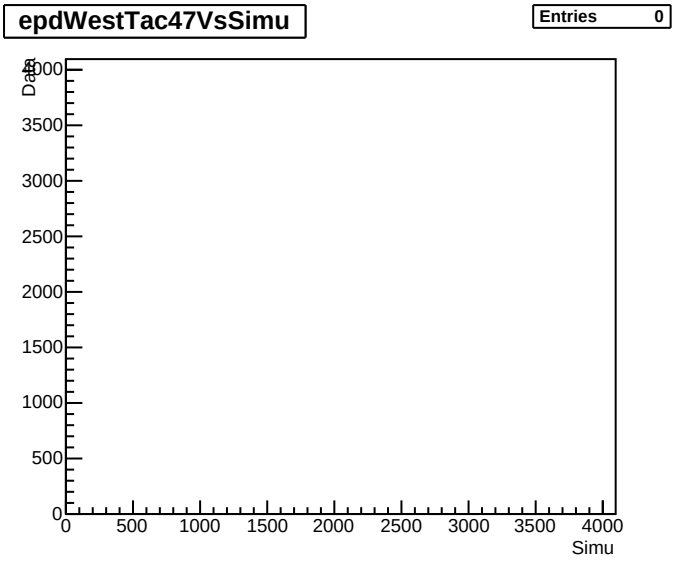
Entries 440538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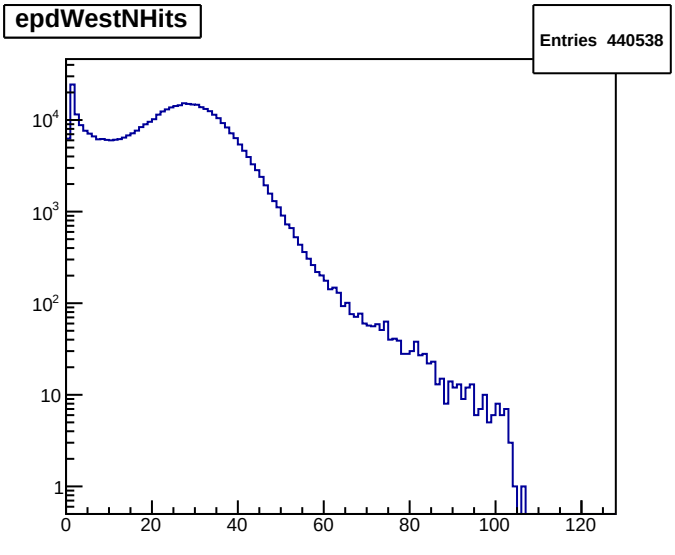
Entries 0
Data
Simu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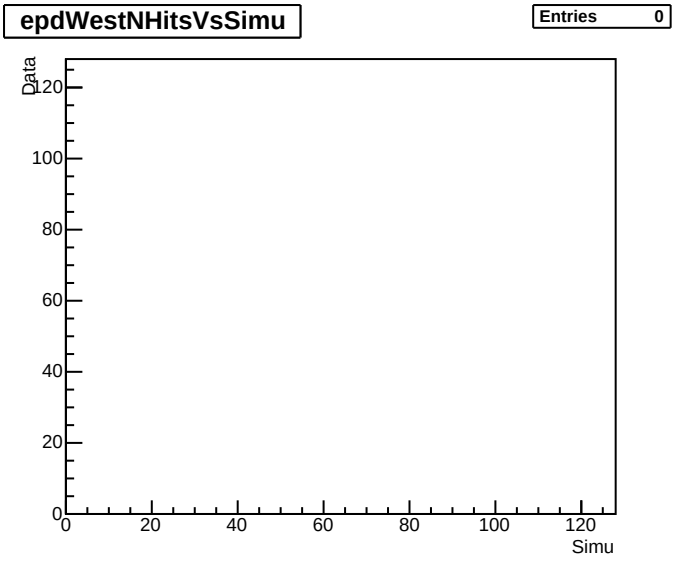
Entries 440538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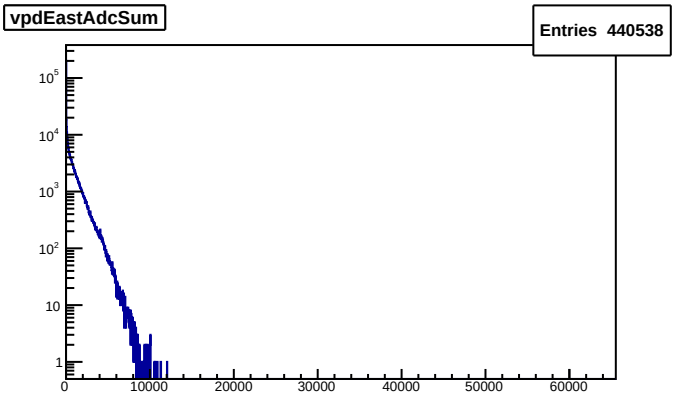
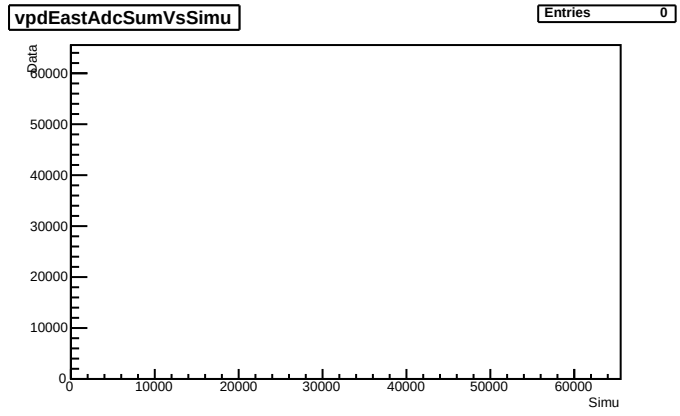
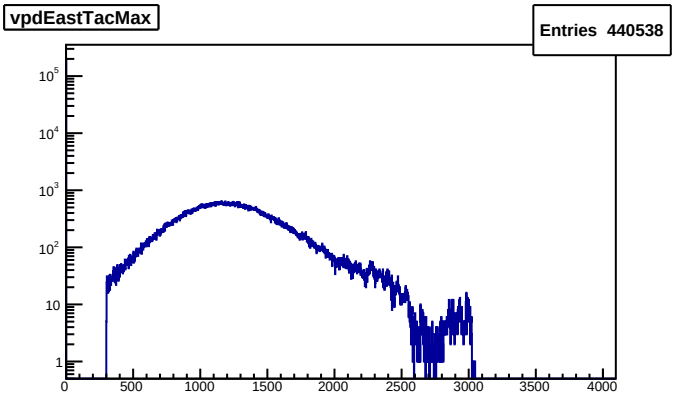
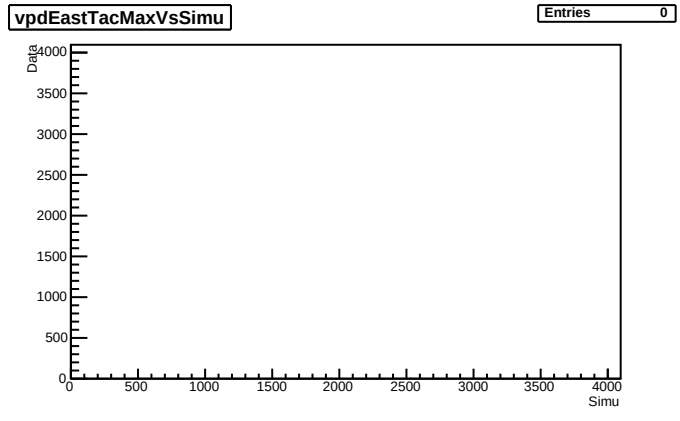
Entries 0
Data
Simu


vpdEastAdcSum
Entries 440538


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 440538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Entries 0
Data
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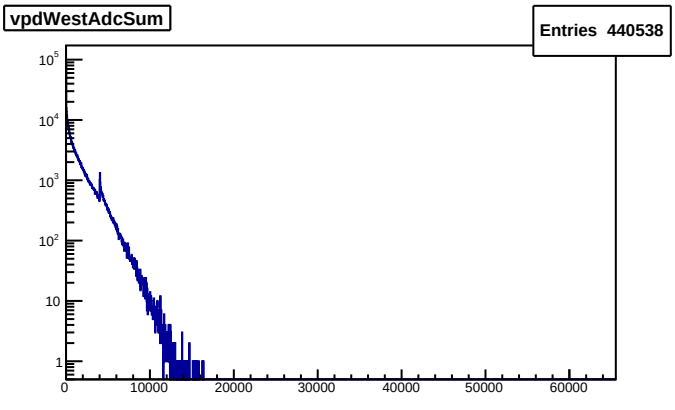
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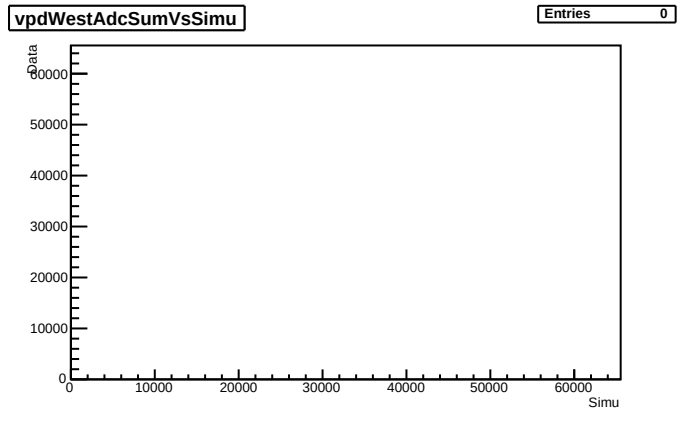
Entries 440538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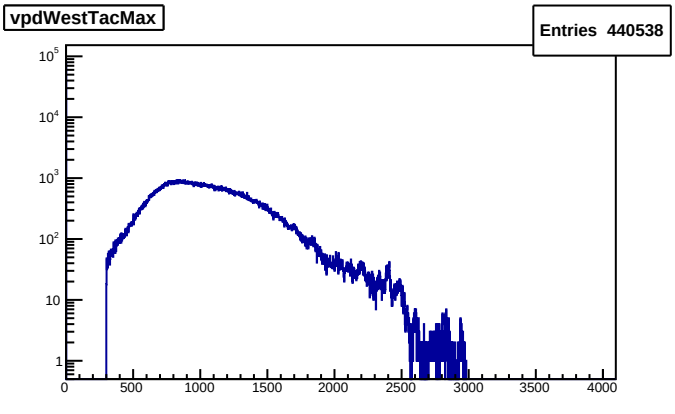
Entries 0
Data
Simu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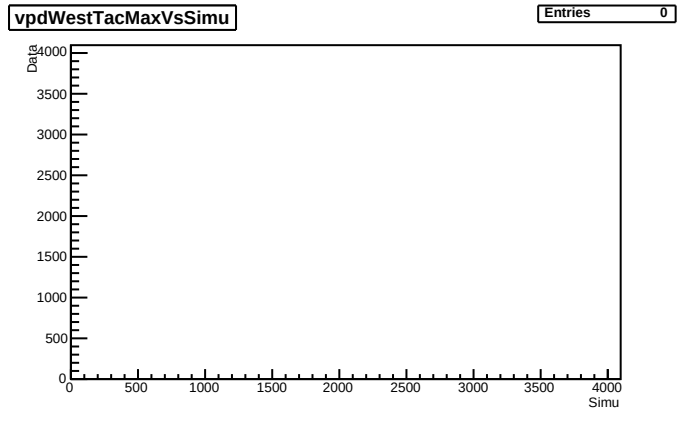
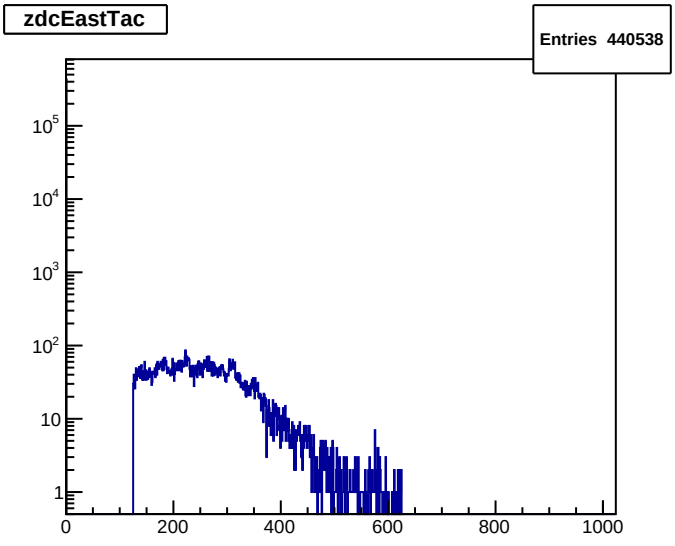
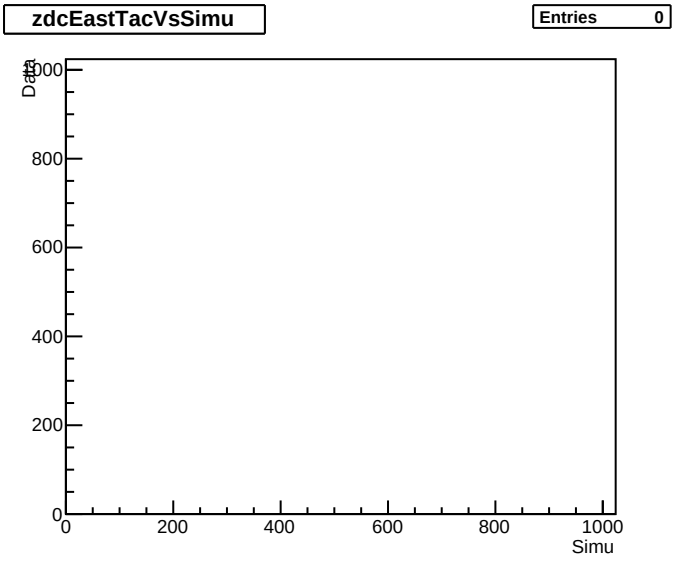
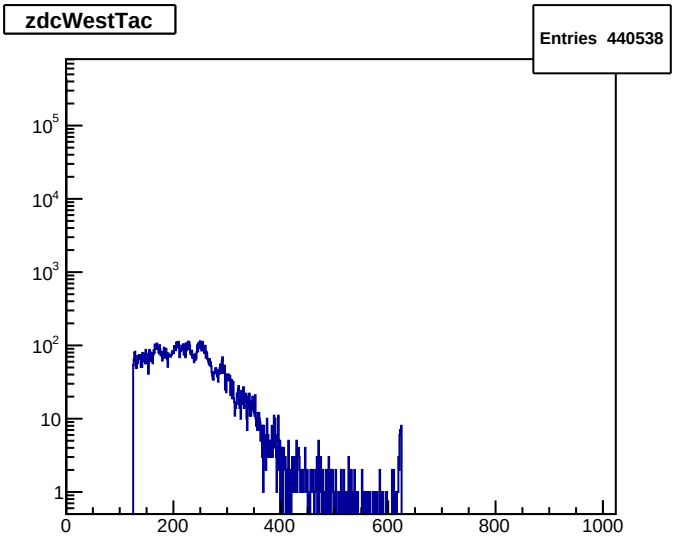
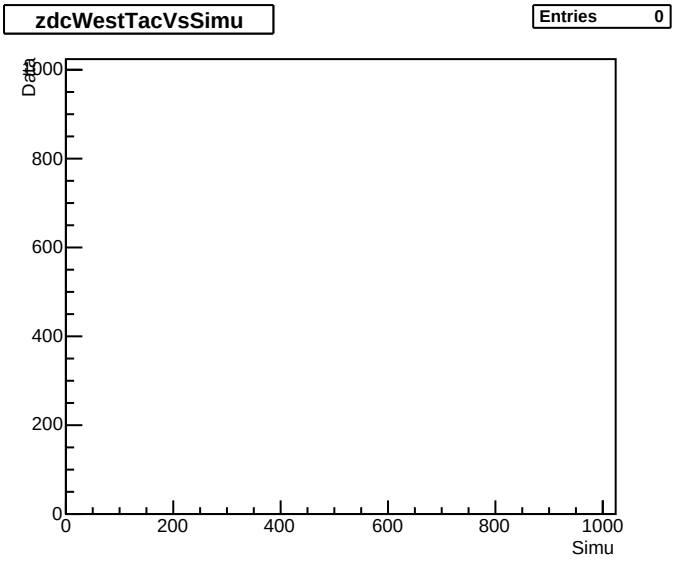
Entries 440538

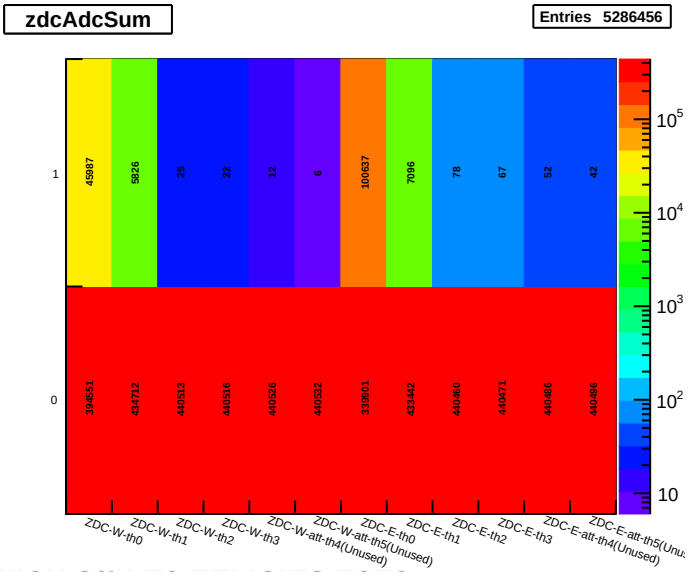

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 440538
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 440538
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 5286456
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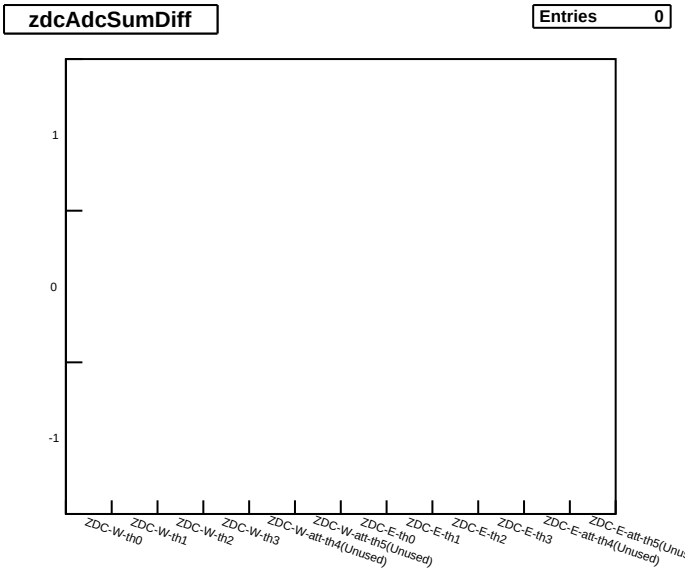
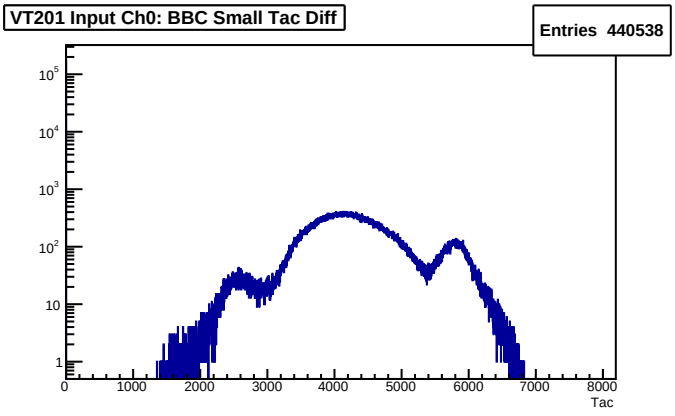
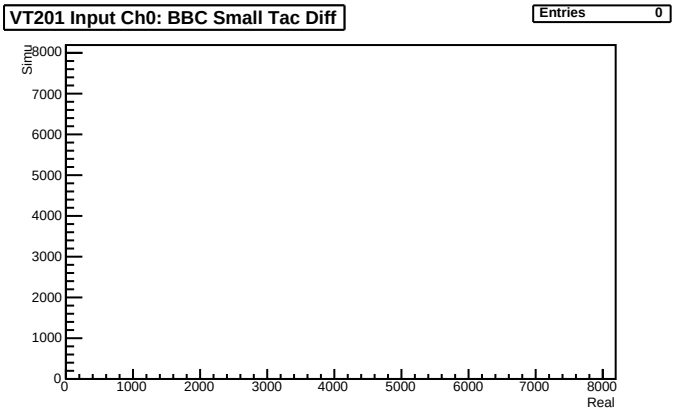
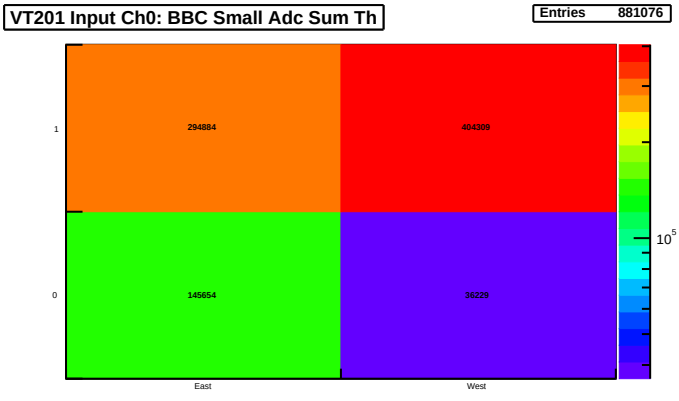
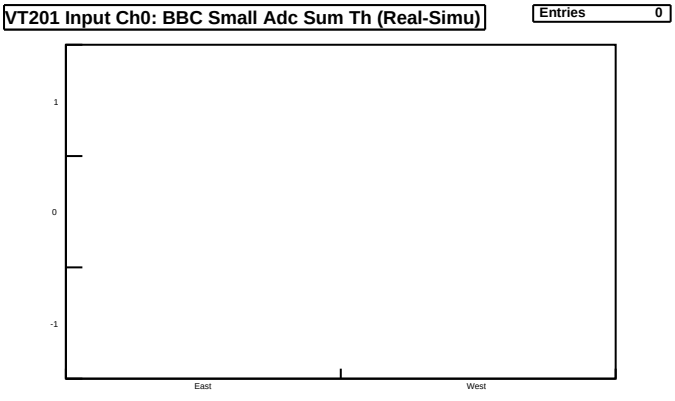
45987
5826
25
22
12
6
100637
7096
78
67
52
42
394651
434712
440513
440516
440526
440532
339901
433442
440460
440471
440486
440486
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

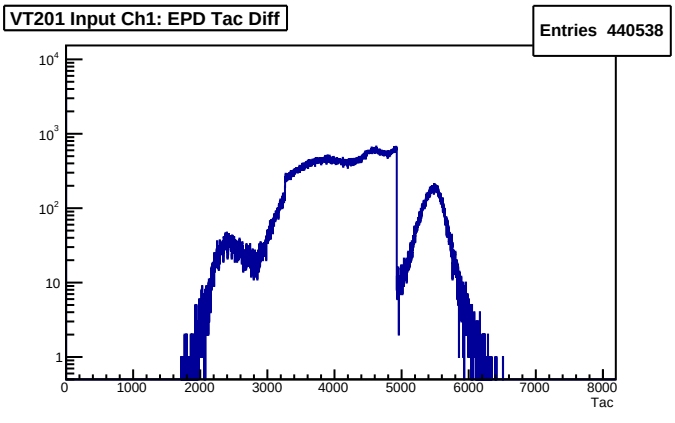

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

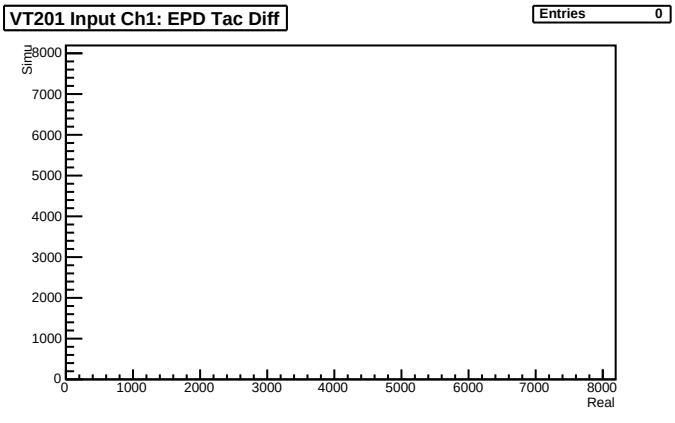

VT201 Input Ch0: BBC Small Tac Diff
Entries 440538
Tac

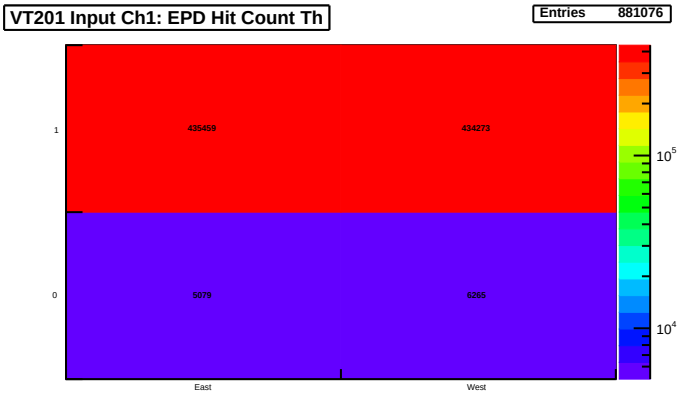

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

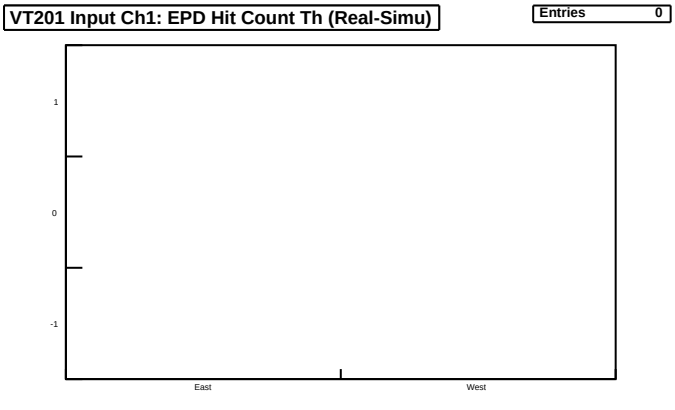

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 881076
294884
404309
145654
36229
East
West

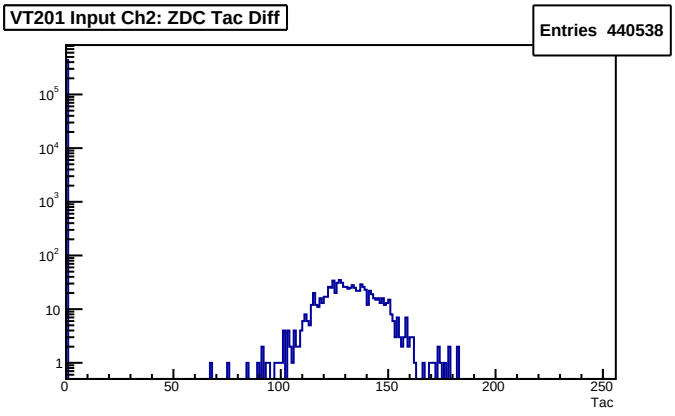

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

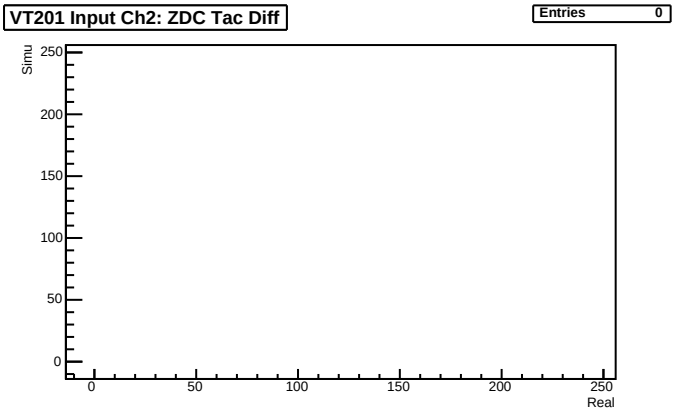

VT201 Input Ch1: EPD Tac Diff
Entries 440538
Tac

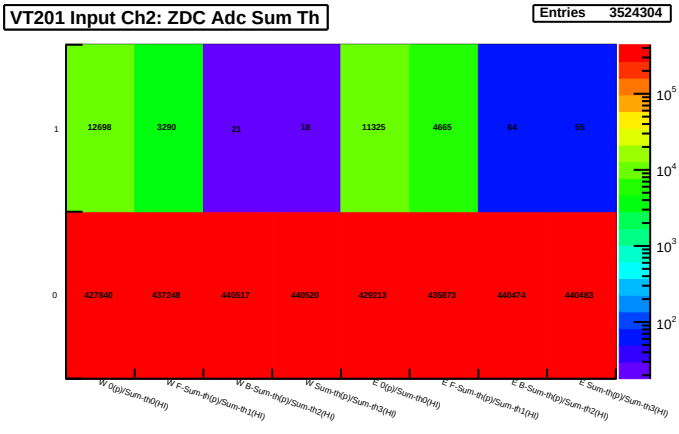

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

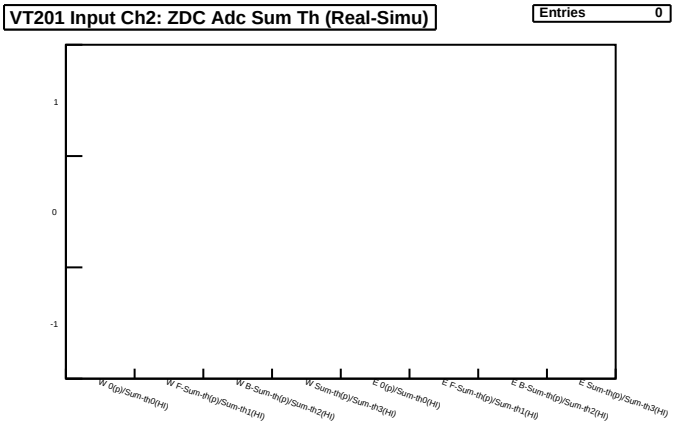

VT201 Input Ch1: EPD Hit Count Th
Entries 881076
435459
434273
5079
6265
East
West

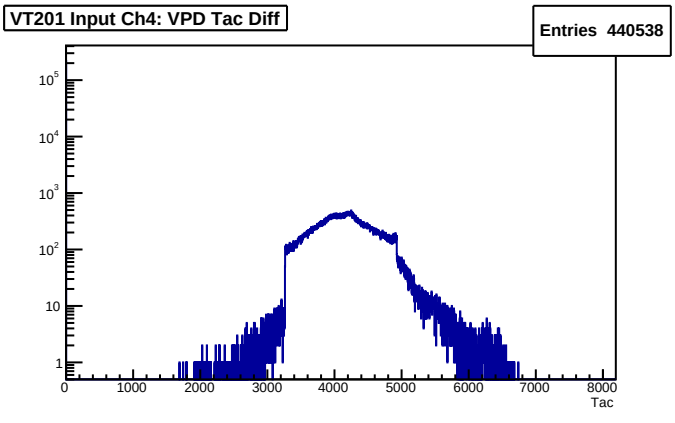

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

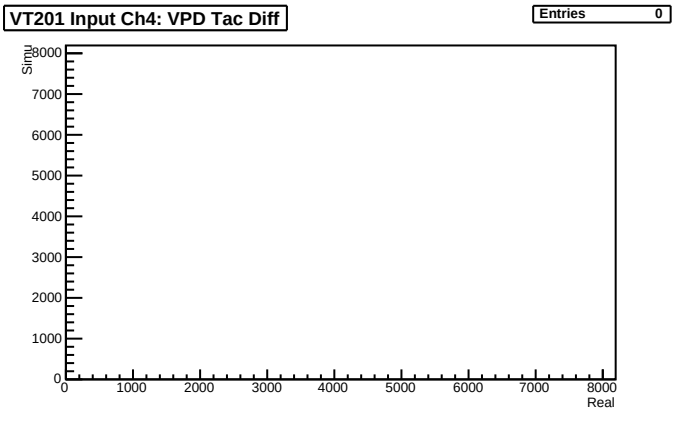

VT201 Input Ch2: ZDC Tac Diff
Entries 440538
Tac

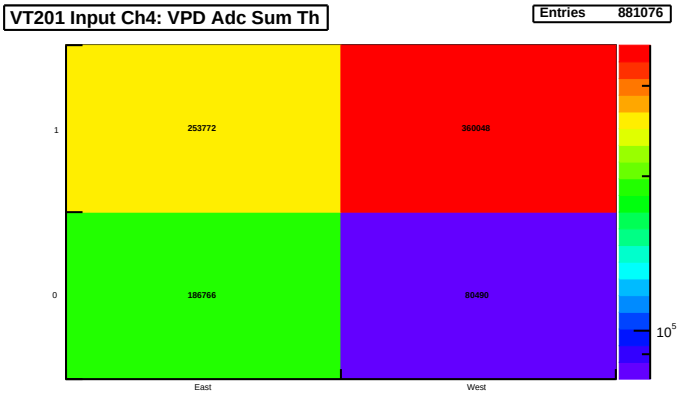

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

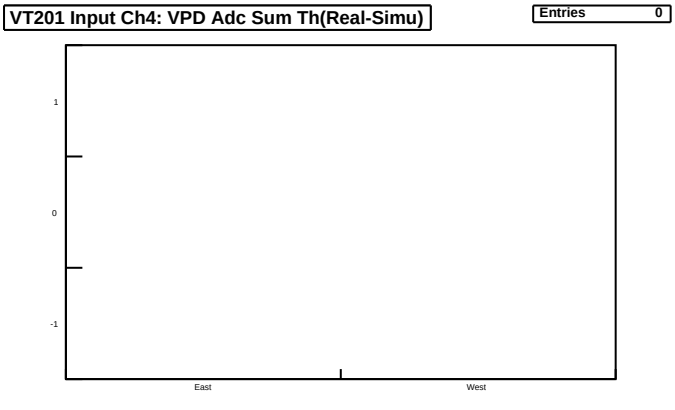

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3524304
12698
3290
21
18
11325
4665
64
55
427840
437248
440517
440520
429213
435873
440474
440483
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

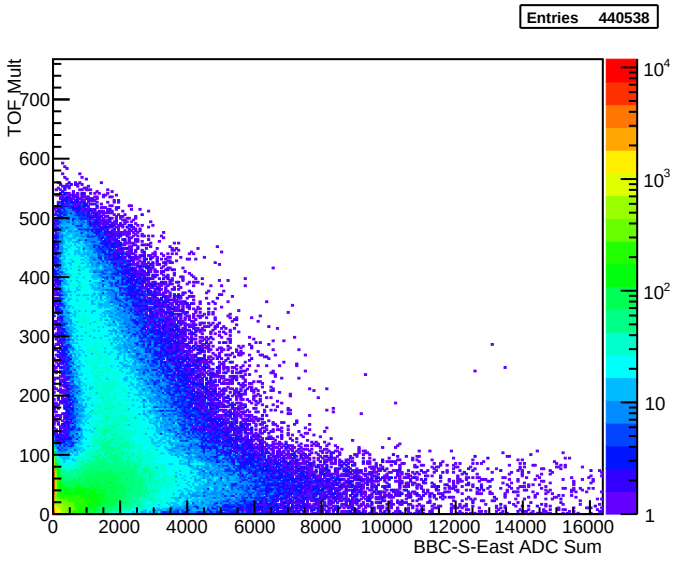

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

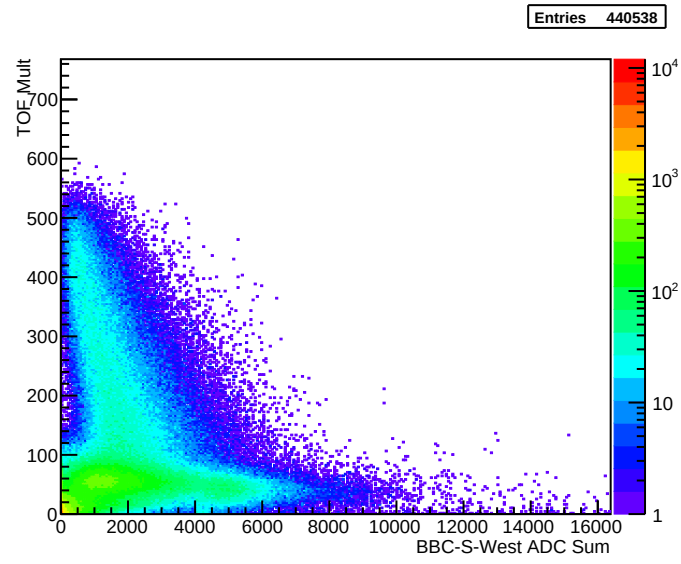

VT201 Input Ch4: VPD Tac Diff
Entries 440538
Tac

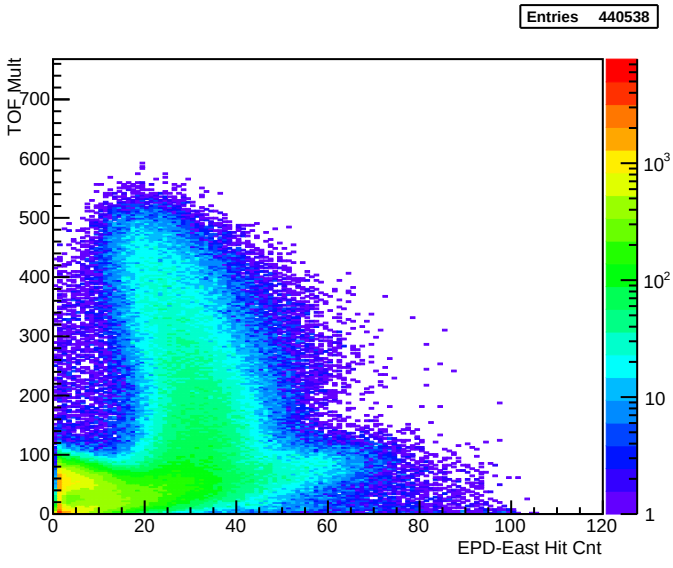

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

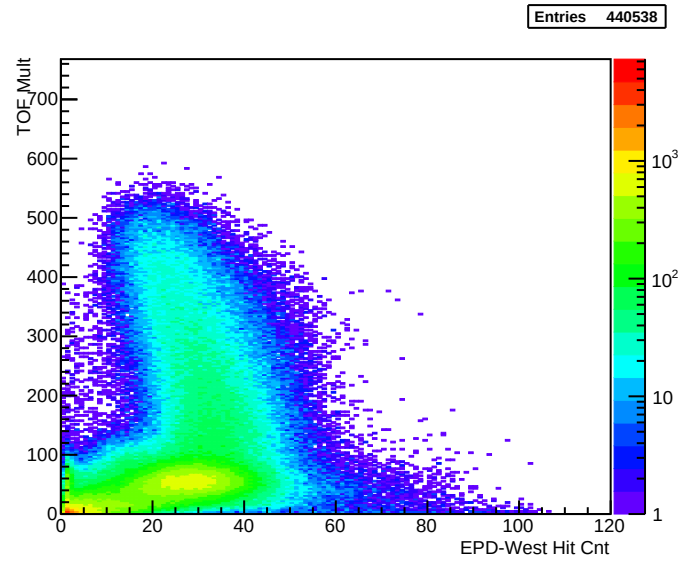

VT201 Input Ch4: VPD Adc Sum Th
Entries 881076
253772
360048
186766
80490
East
West

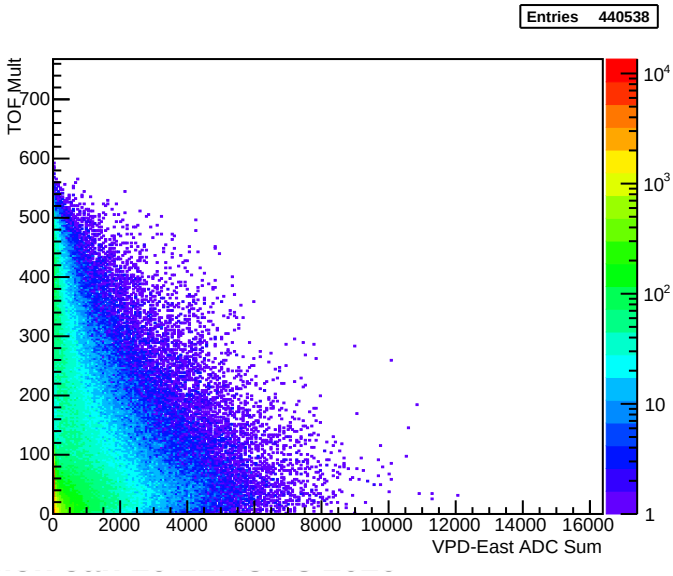

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

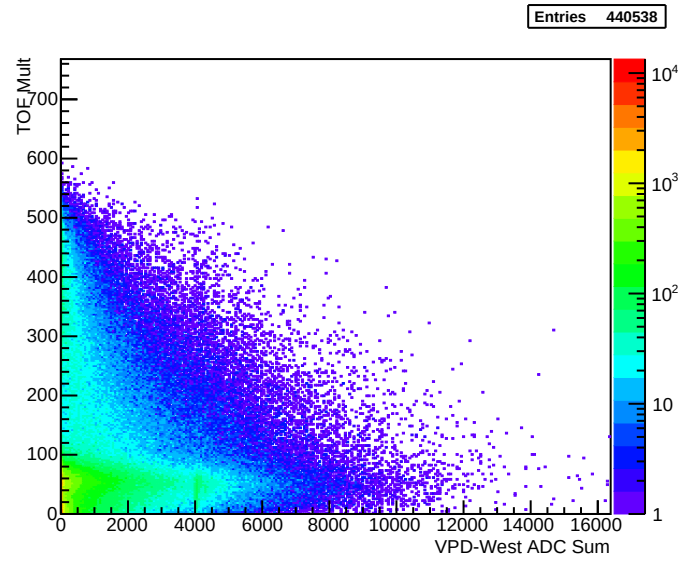

Entries 440538
TOF_Mult
BBC-S-East ADC Sum

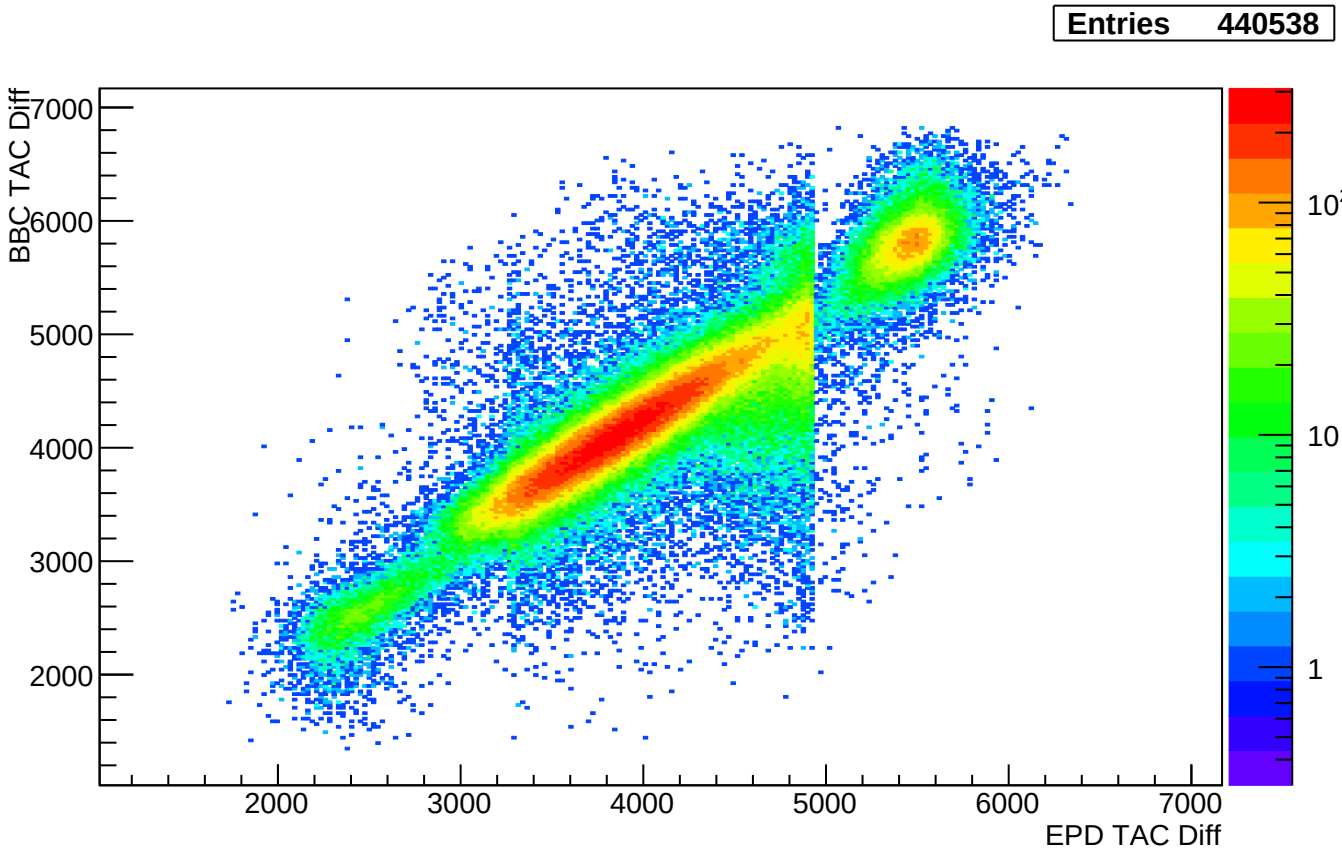

Entries 440538
TOF_Mult
BBC-S-West ADC Sum

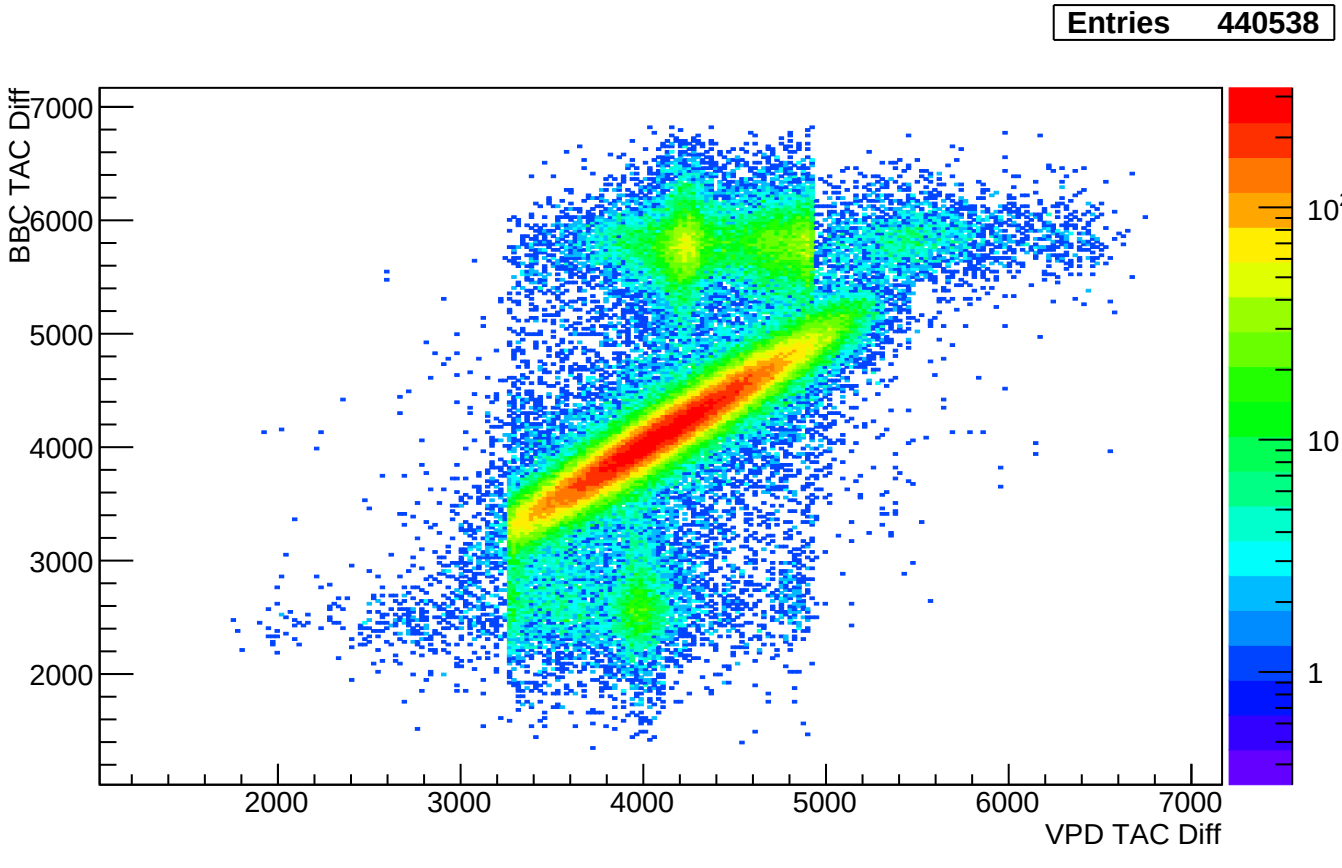

Entries 440538
TOF_Mult
EPD-East Hit Cnt

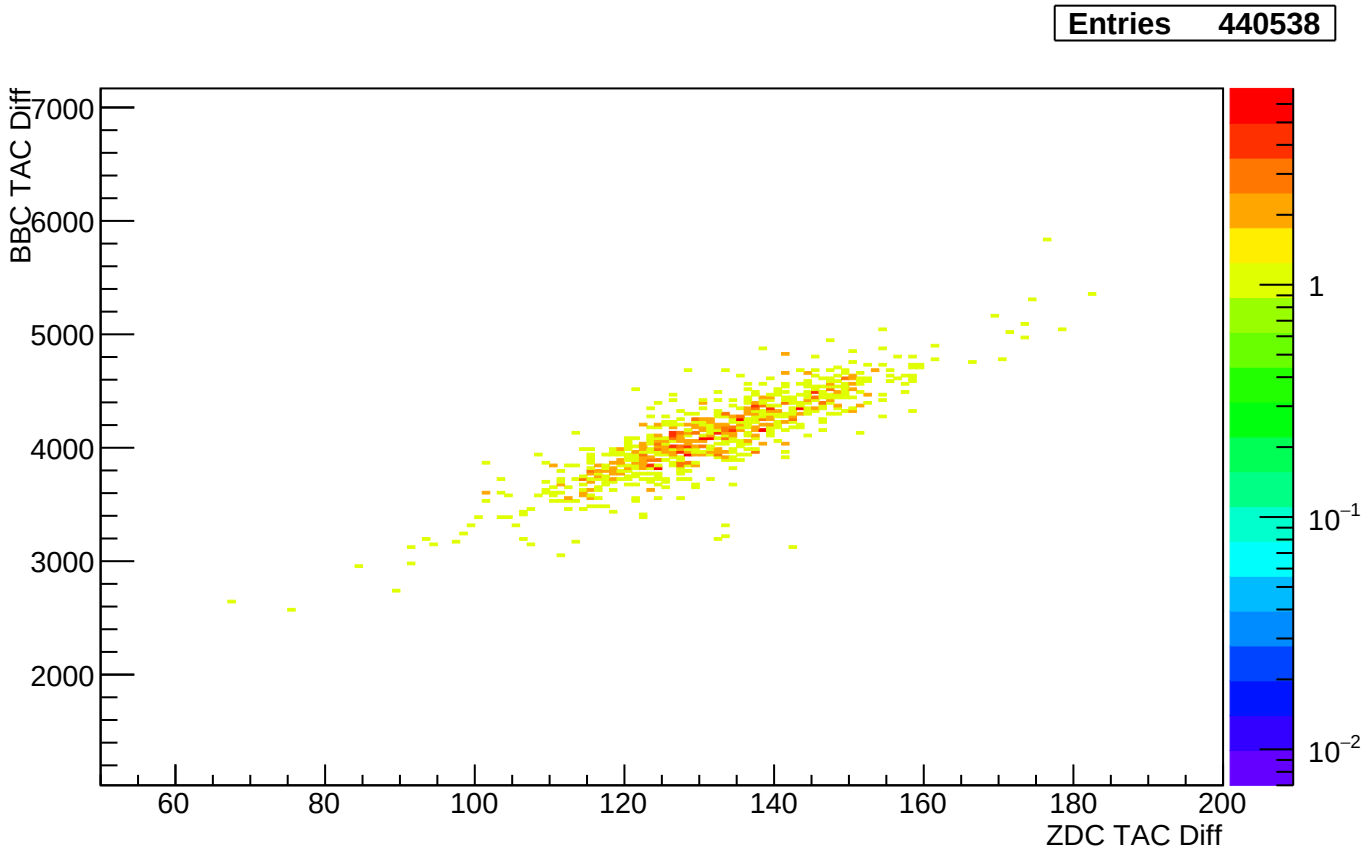

Entries 440538
TOF_Mult
EPD-West Hit Cnt

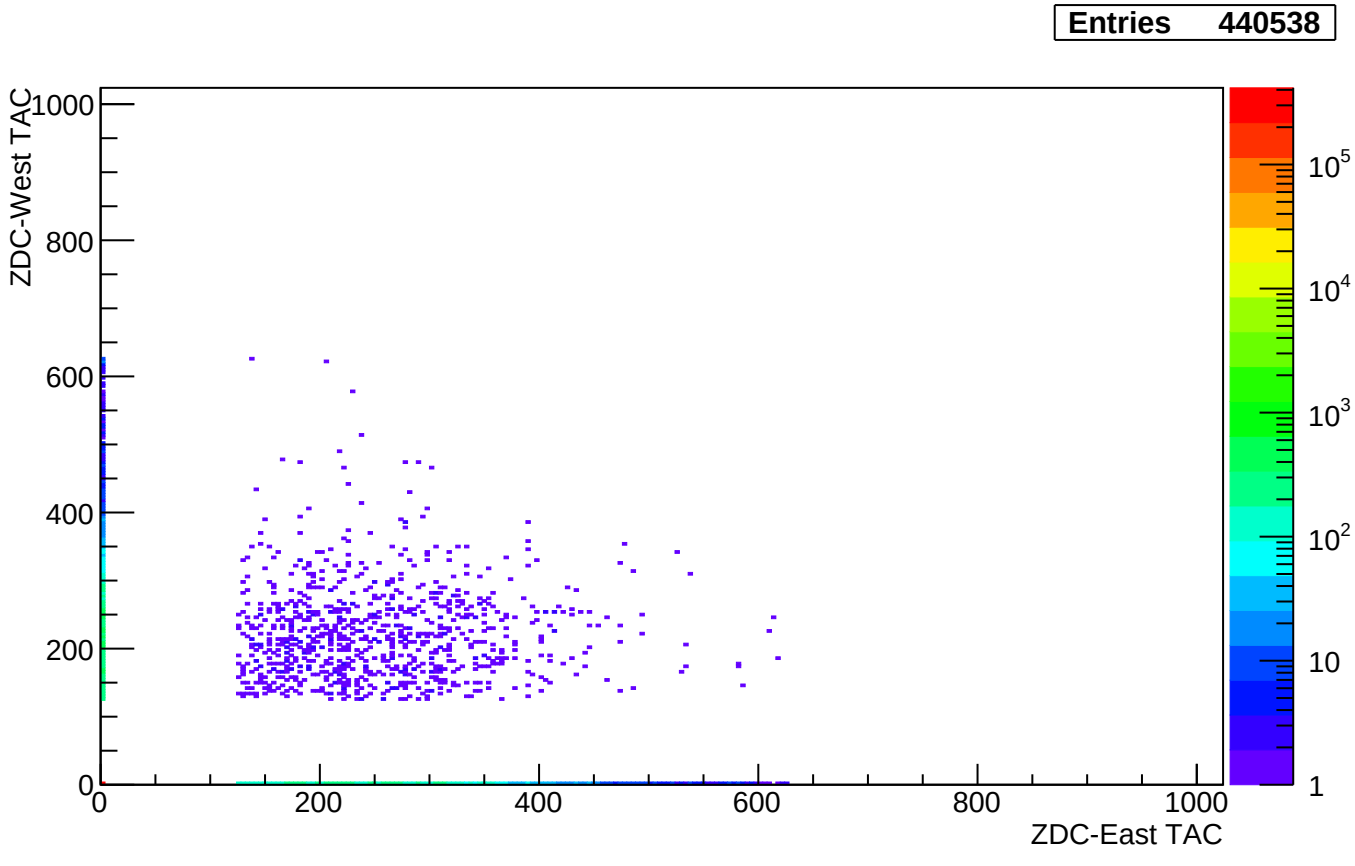

Entries 440538
TOF_Mult
VPD-East ADC Sum

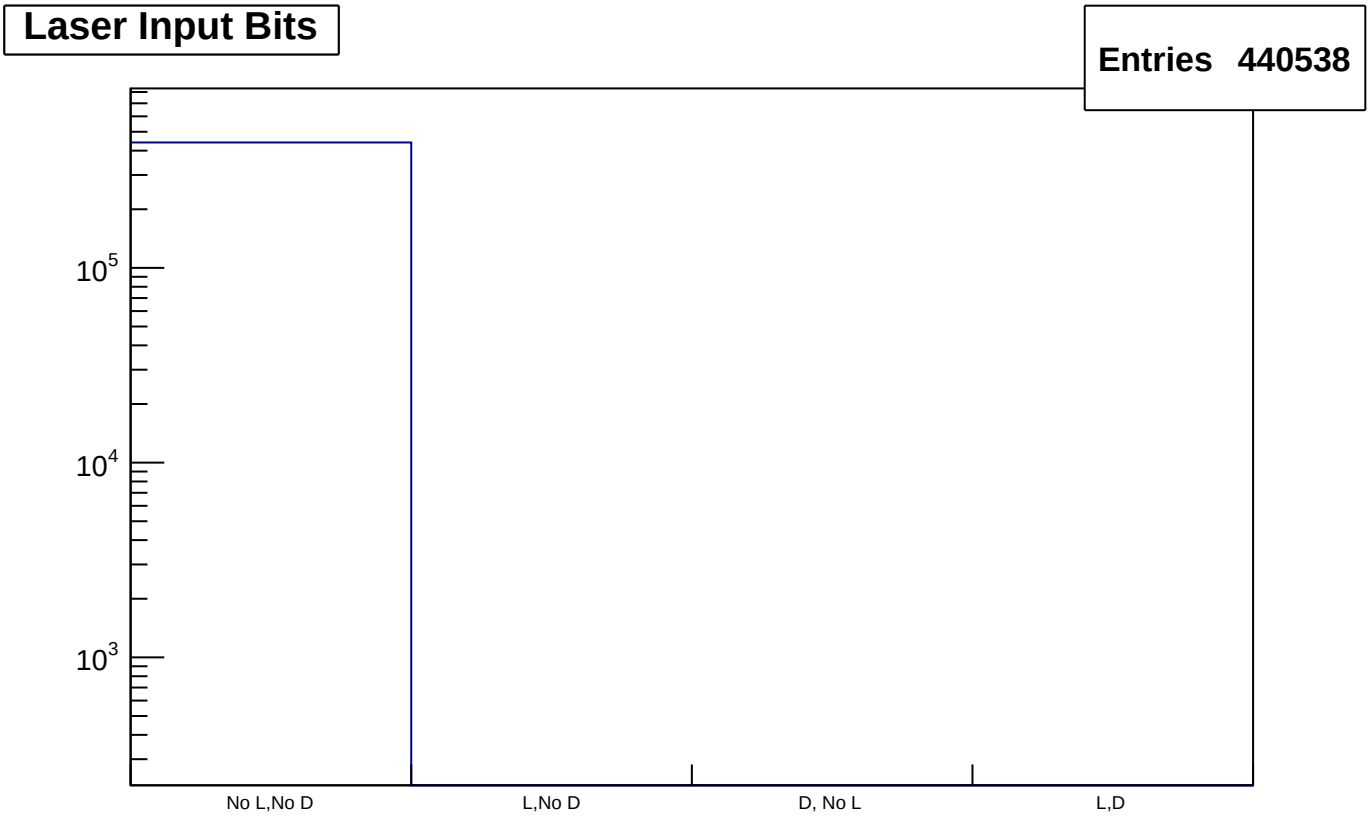

Entries 440538
TOF_Mult
VPD-West ADC Sum

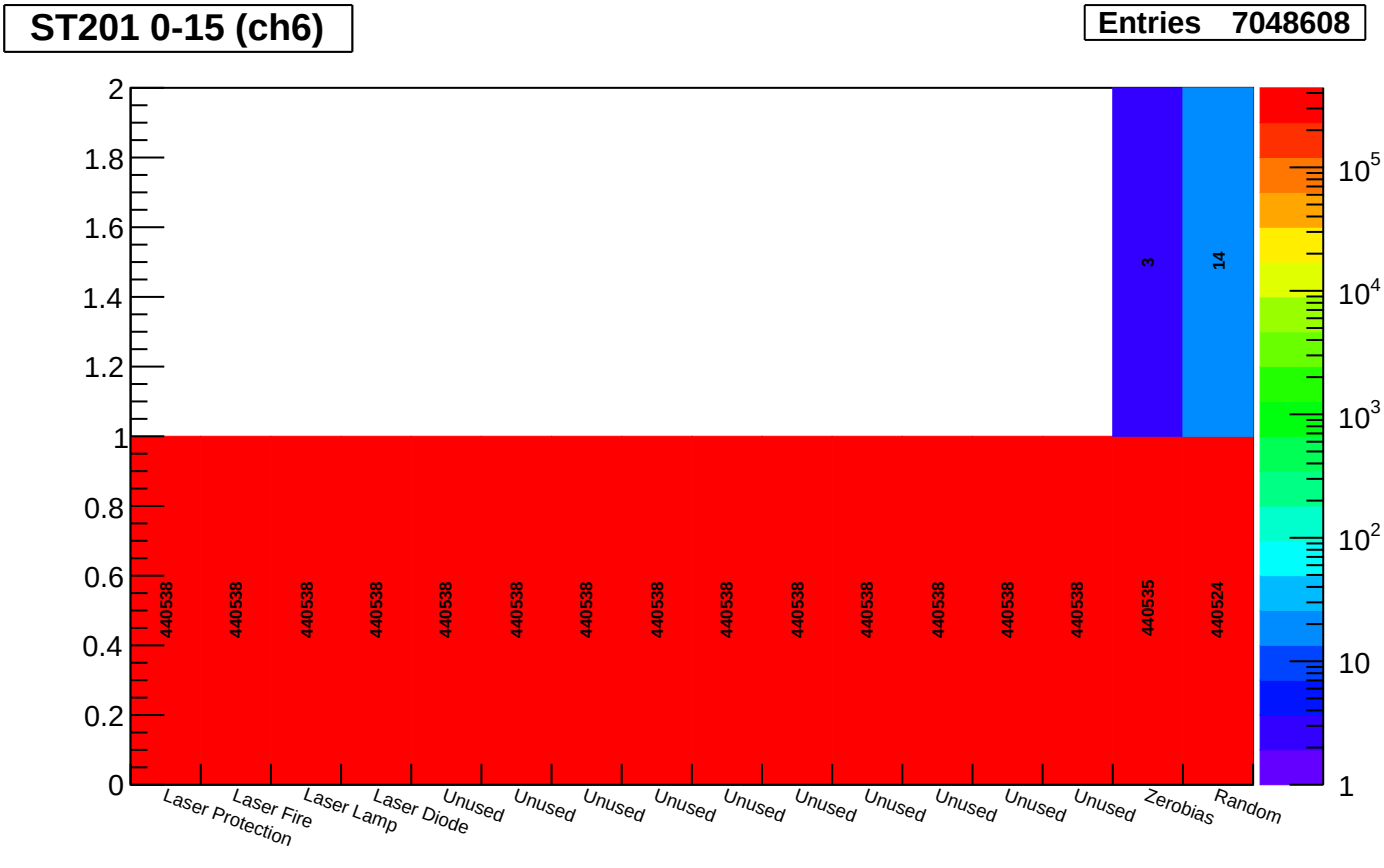

Entries 440538
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

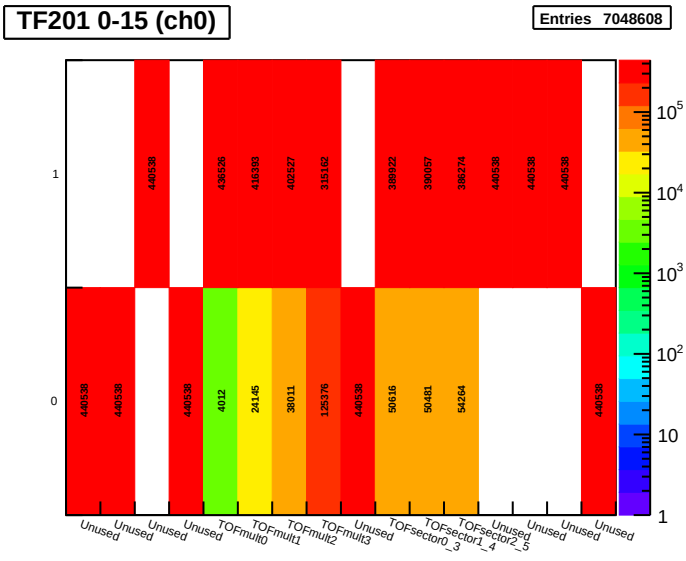

Entries 440538
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

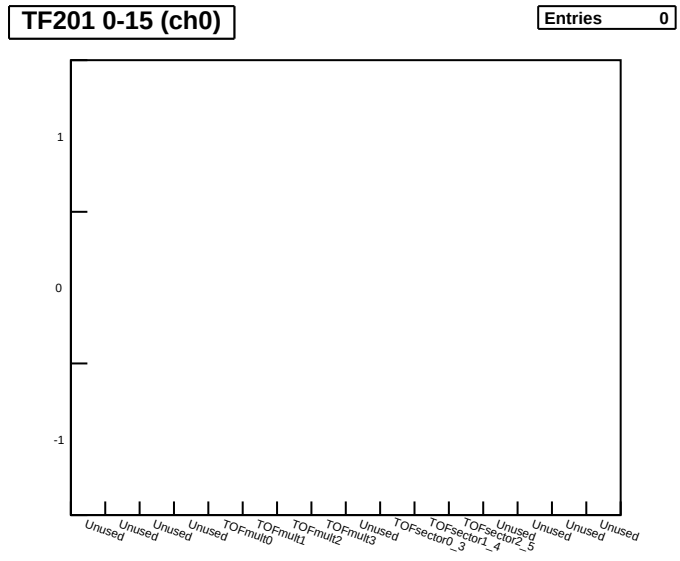

Entries 440538
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

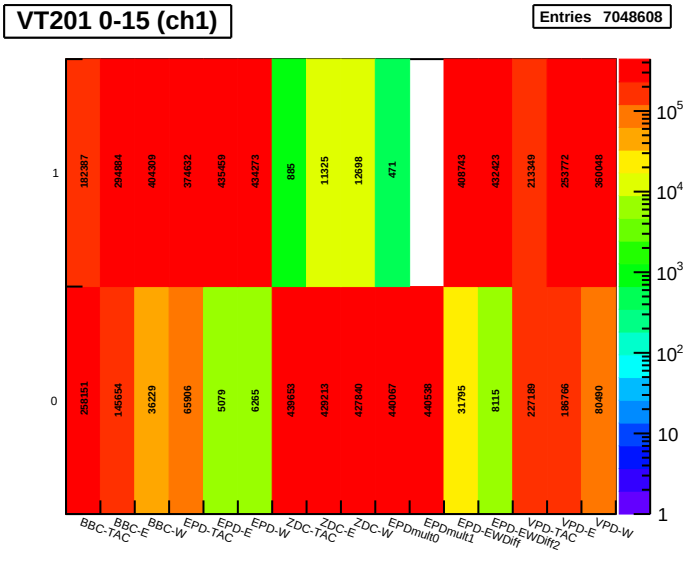

Entries 440538
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

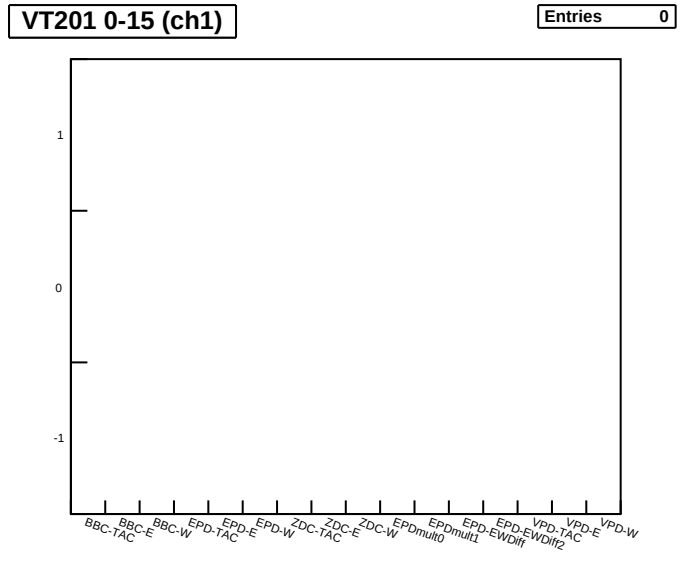

Laser Input Bits
Entries 440538
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

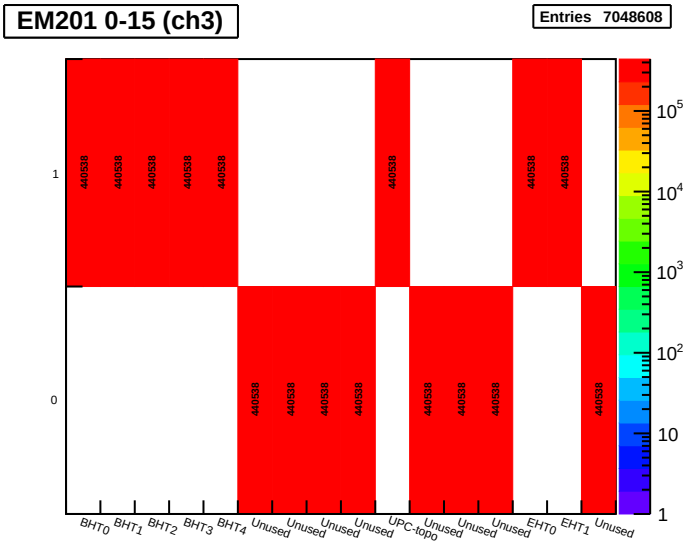

ST201 0-15 (ch6)
Entries 7048608
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
440538
440538
440538
440538
440538
440538
440538
440538
440538
440538
440538
440538
440538
440538
440535
440524
3
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

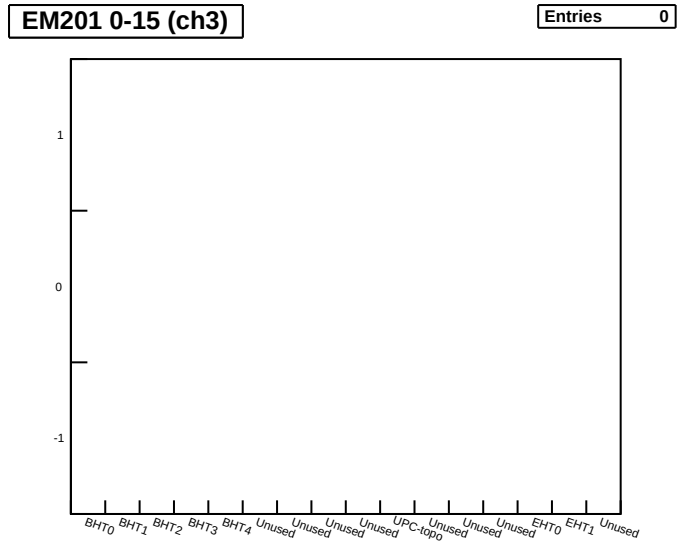

TF201 0-15 (ch0)
Entries 7048608
1
0
440538 440538 440538 440538 435526 416393 402527 315162 389922 390057 386274 440538 440538 440538
440538 440538 440538 4012 24145 38011 125376 440538 50616 50481 54264 440538
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 7048608
1
0
182387 294884 404309 374632 435459 434273 885 11325 12698 471 408743 432423 213349 253772 360048
258151 145654 36229 65906 5079 6265 438653 429213 427840 440067 440538 31795 8115 227189 188766 80490
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 7048608
1
0
440538 440538 440538 440538 440538 440538 440538 440538 440538
440538 440538 440538 440538 440538 440538 440538 440538
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