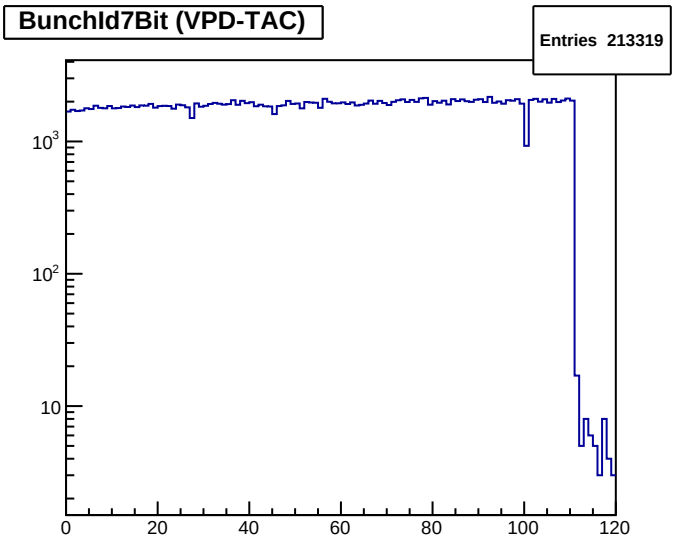
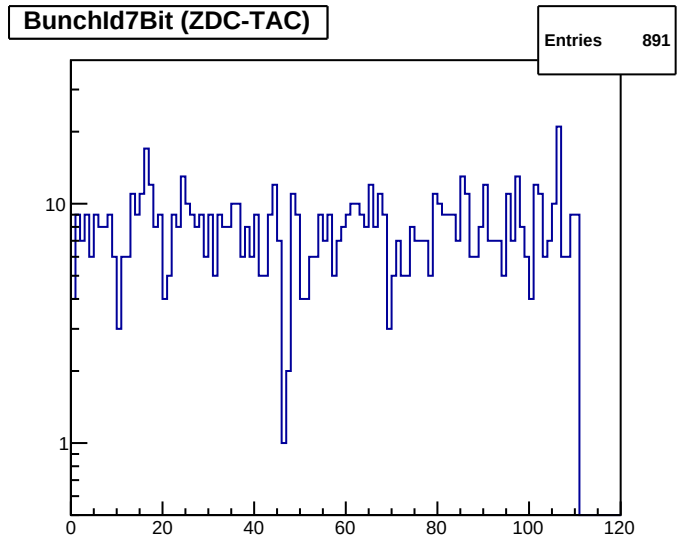
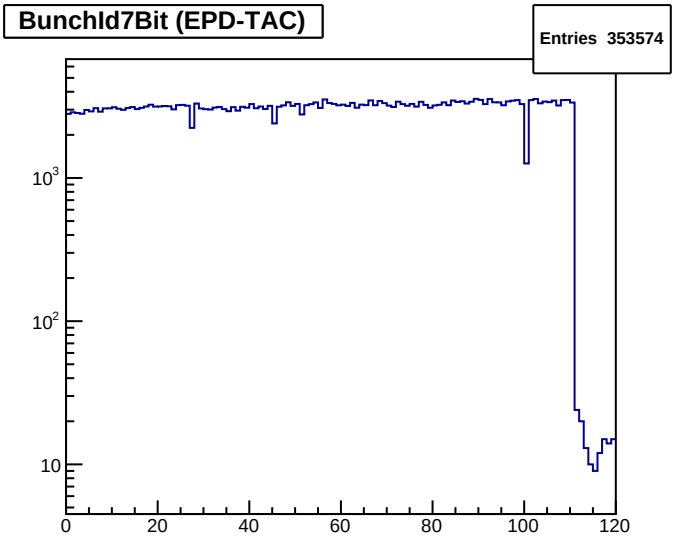
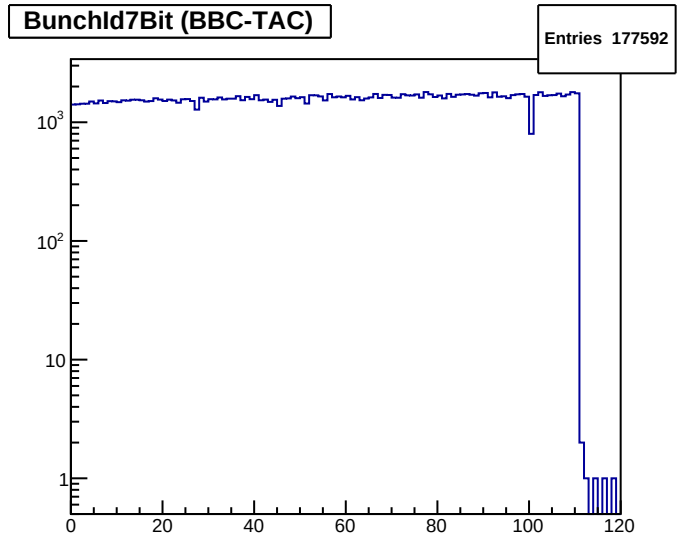
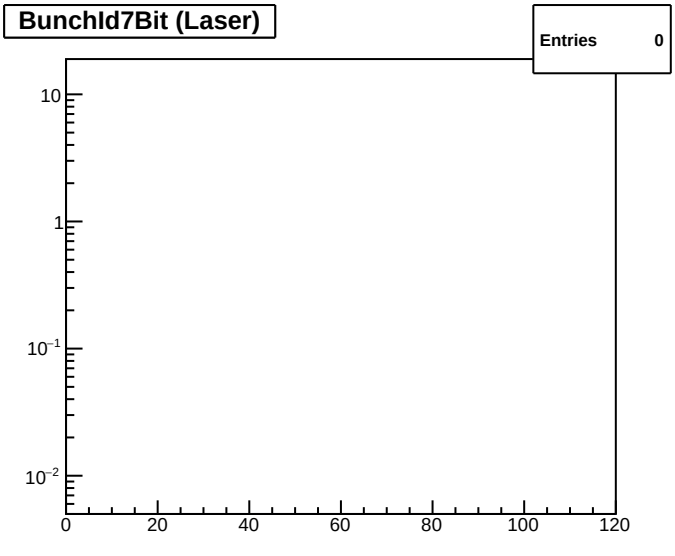
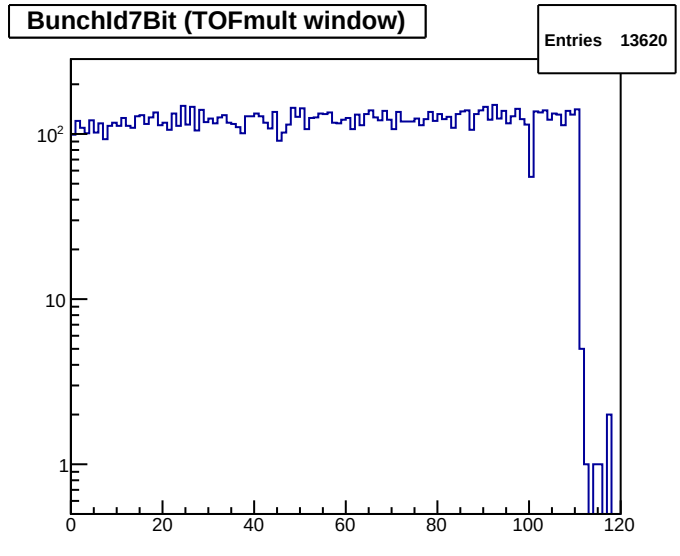

BunchId7Bit (VPD-TAC)
Entries 213319

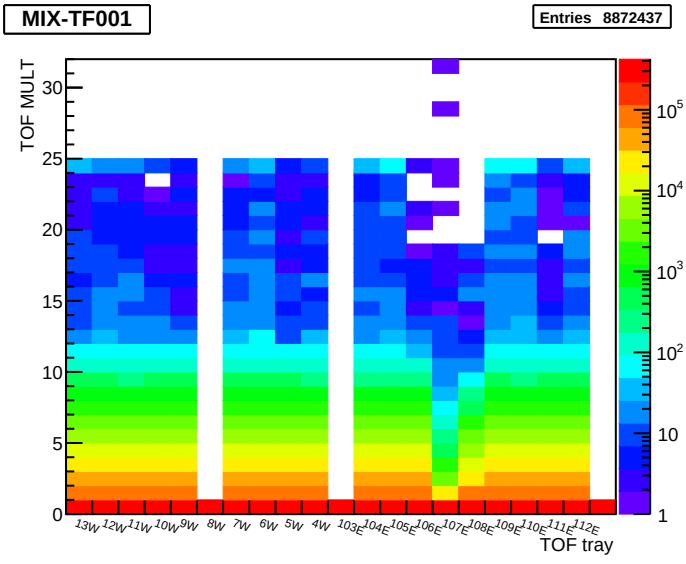

BunchId7Bit (ZDC-TAC)
Entries 891

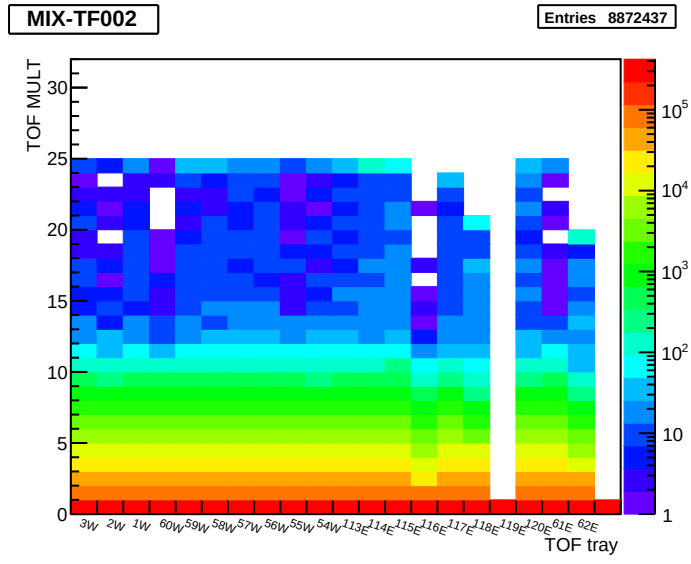

BunchId7Bit (EPD-TAC)
Entries 353574

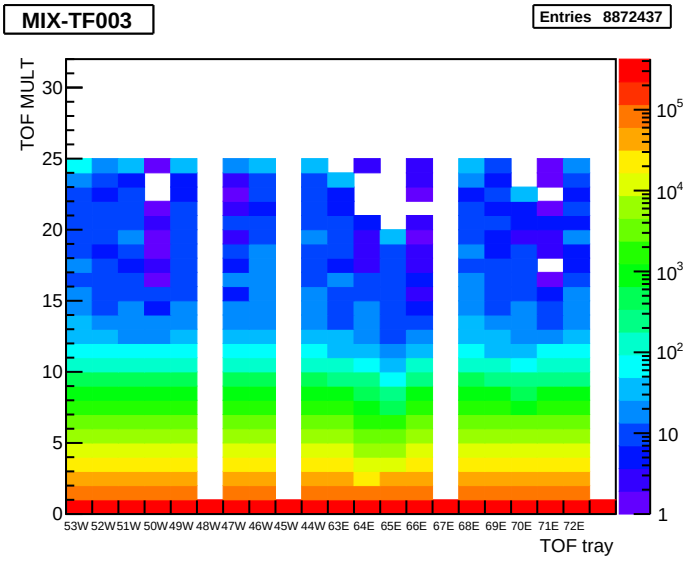

BunchId7Bit (BBC-TAC)
Entries 177592

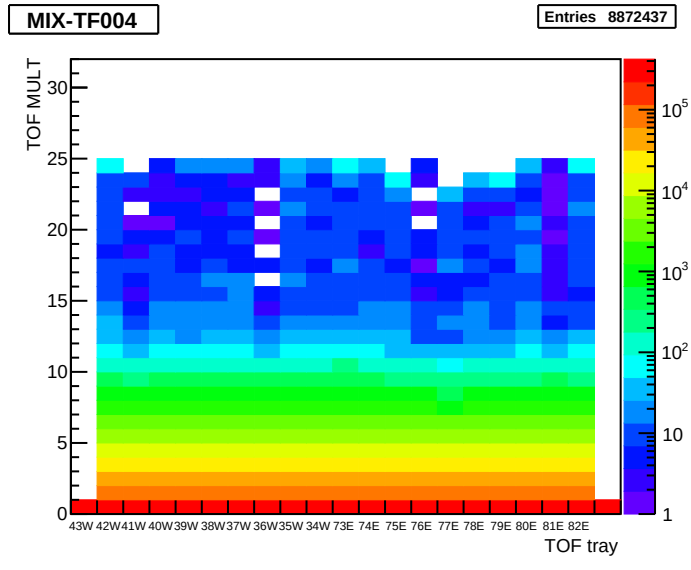

BunchId7Bit (Laser)
Entries 0

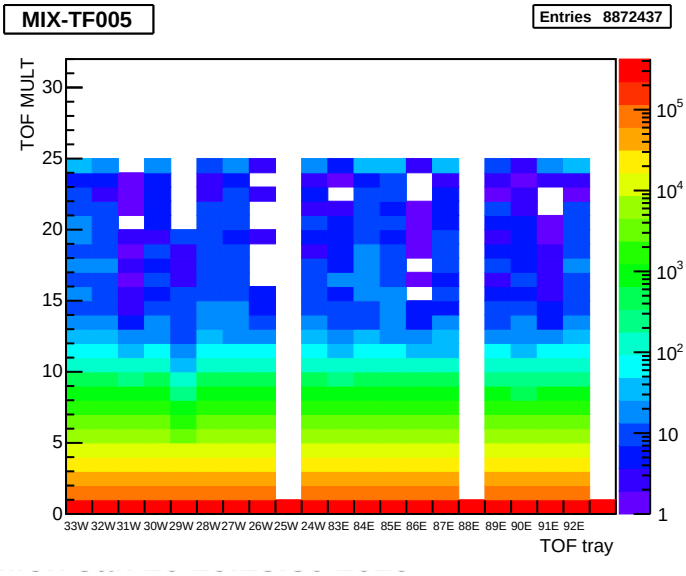

BunchId7Bit (TOFmult window)
Entries 13620

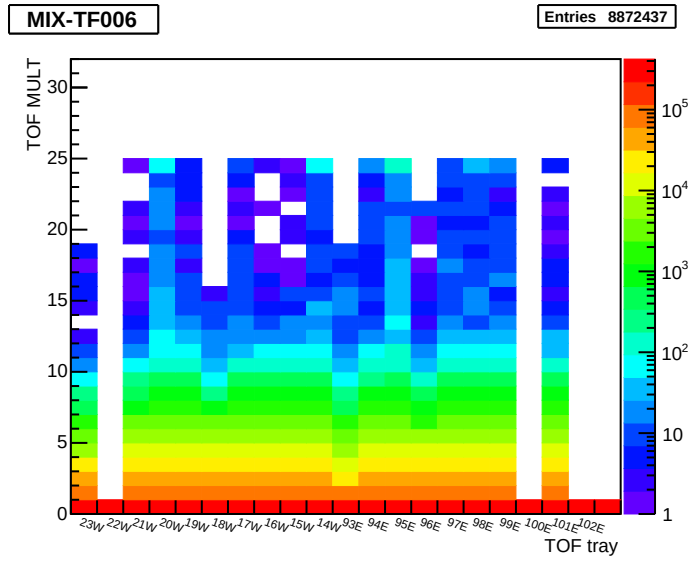

MIX-TF001
Entries 8872437
TOF MULT
TOF tray

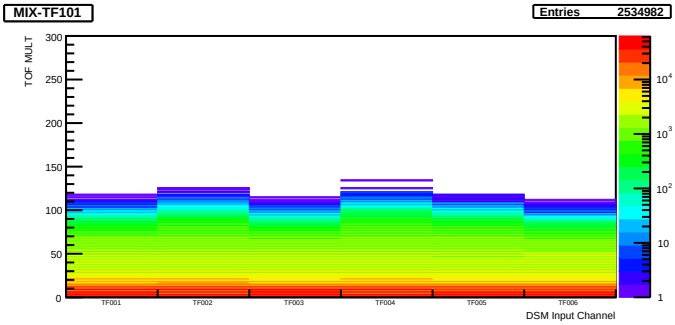

MIX-TF002
Entries 8872437
TOF MULT
TOF tray

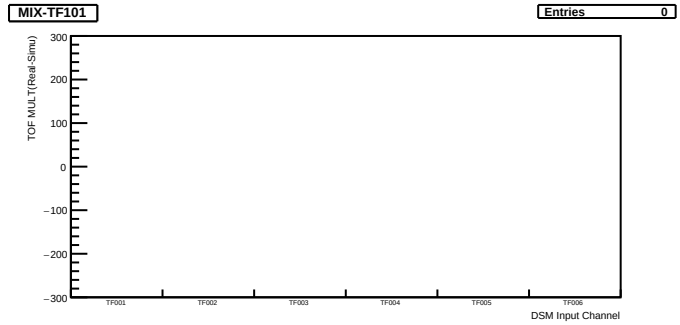

MIX-TF003
Entries 8872437
TOF MULT
TOF tray

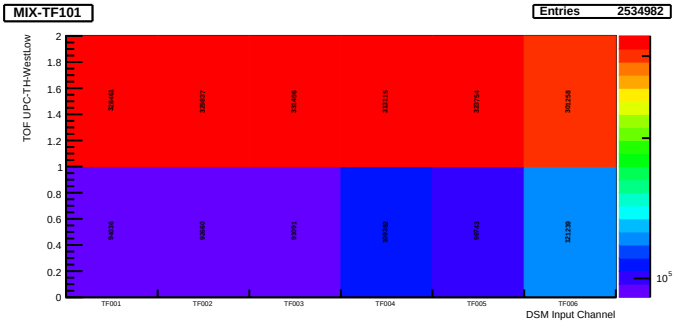

MIX-TF004
Entries 8872437
TOF MULT
TOF tray

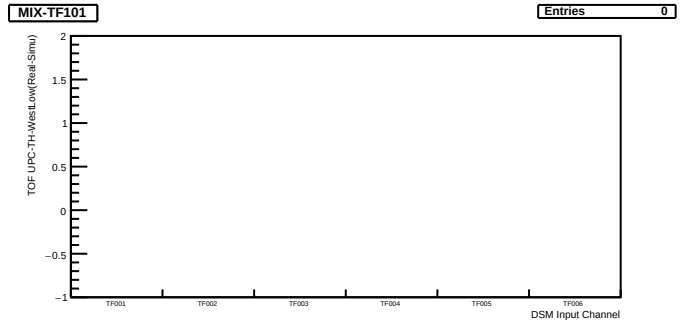

MIX-TF005
Entries 8872437
TOF MULT
TOF tray

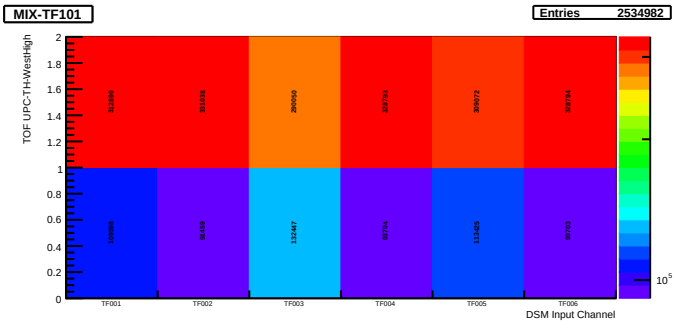

MIX-TF006
Entries 8872437
TOF MULT
TOF tray

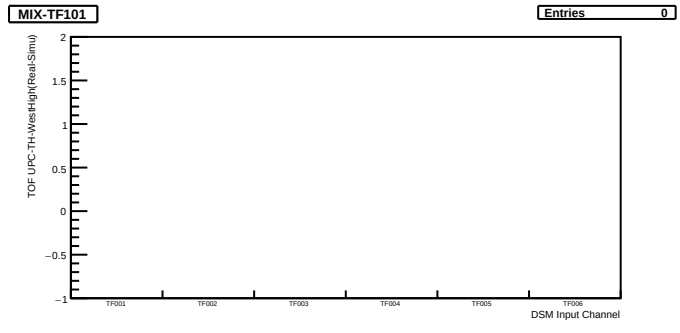

MIX-TF101
Entries 2534982
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

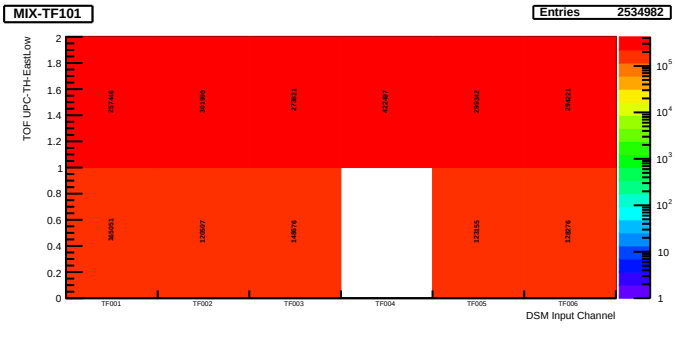

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

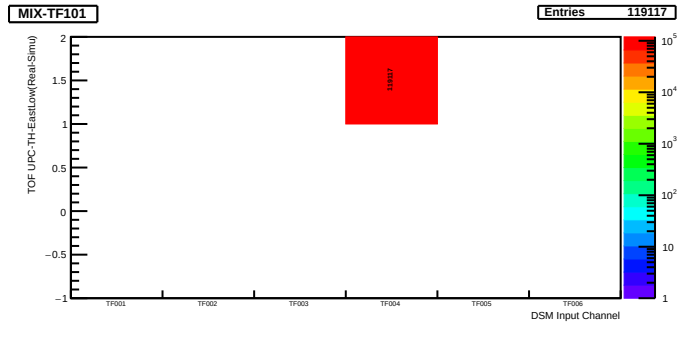

MIX-TF101
Entries 2534982
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

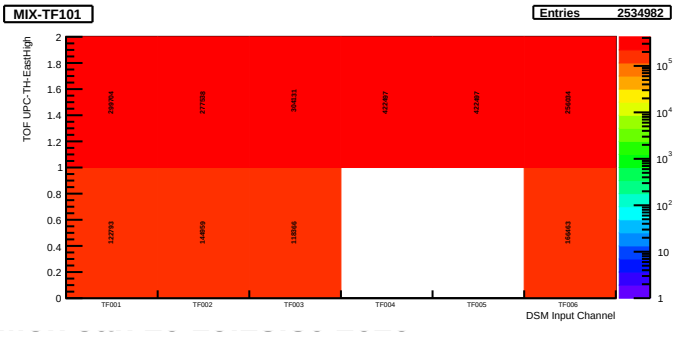

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

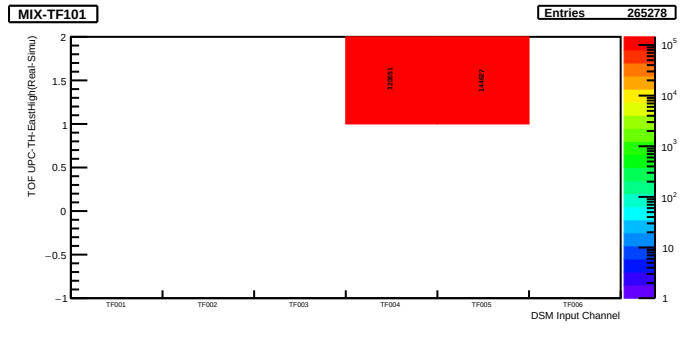

MIX-TF101
Entries 2534982
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

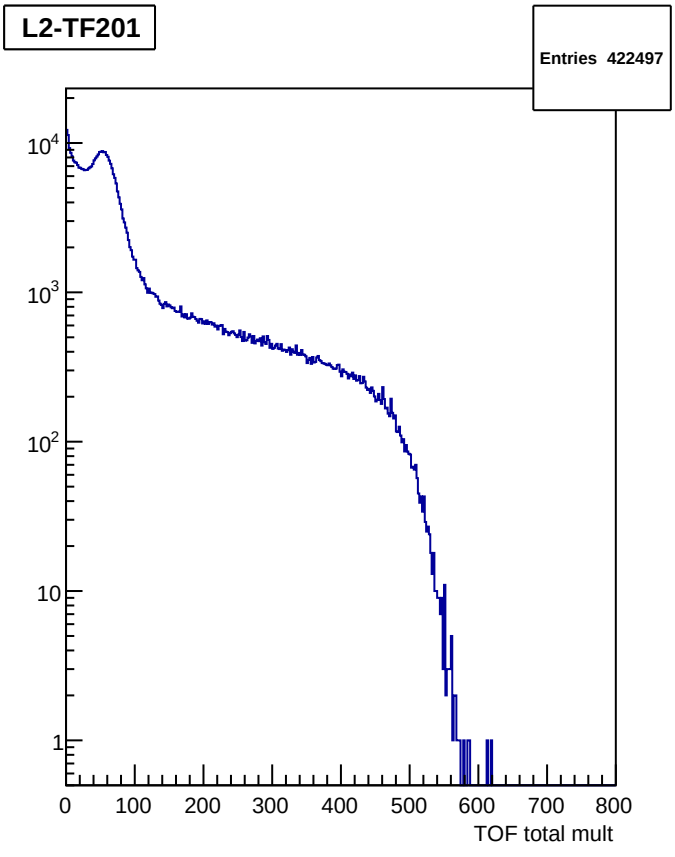

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

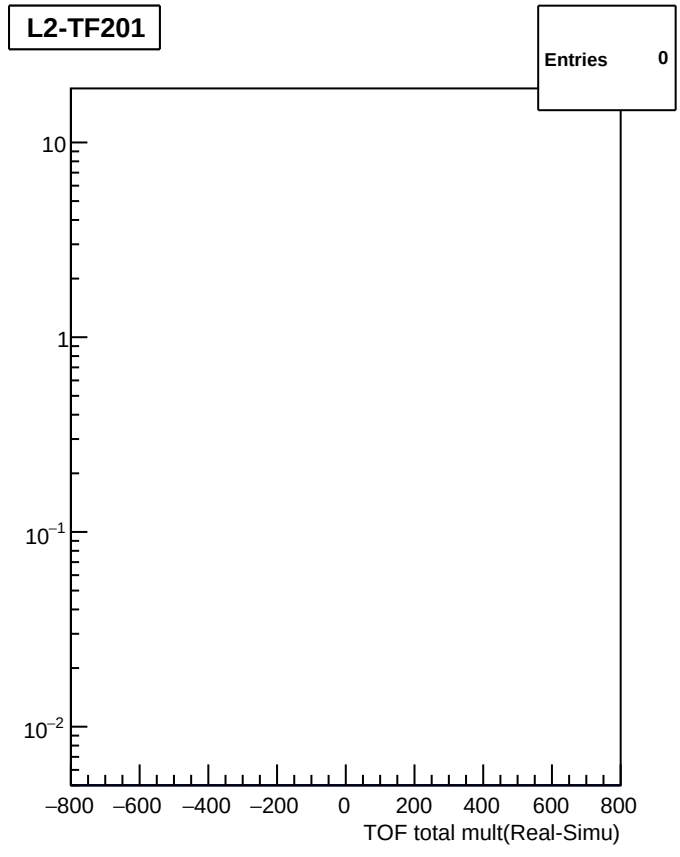

MIX-TF101
Entries 2534982
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

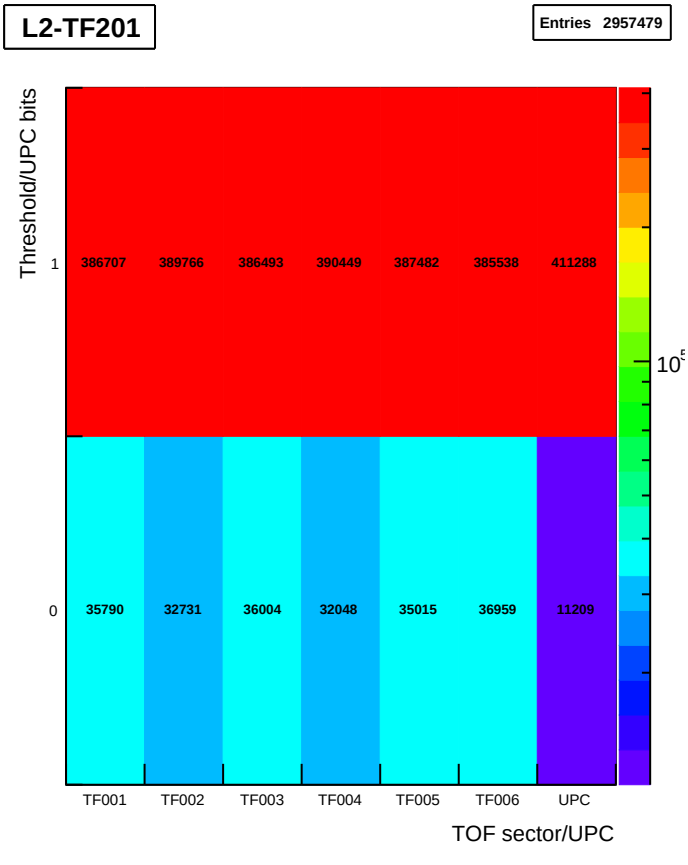

MIX-TF101
Entries 119117
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

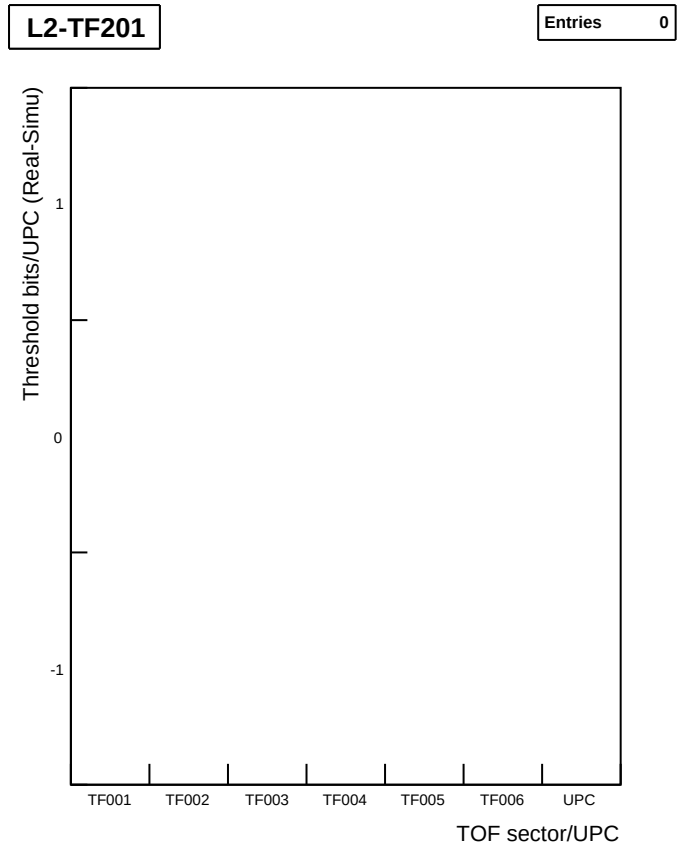

MIX-TF101
Entries 2534982
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

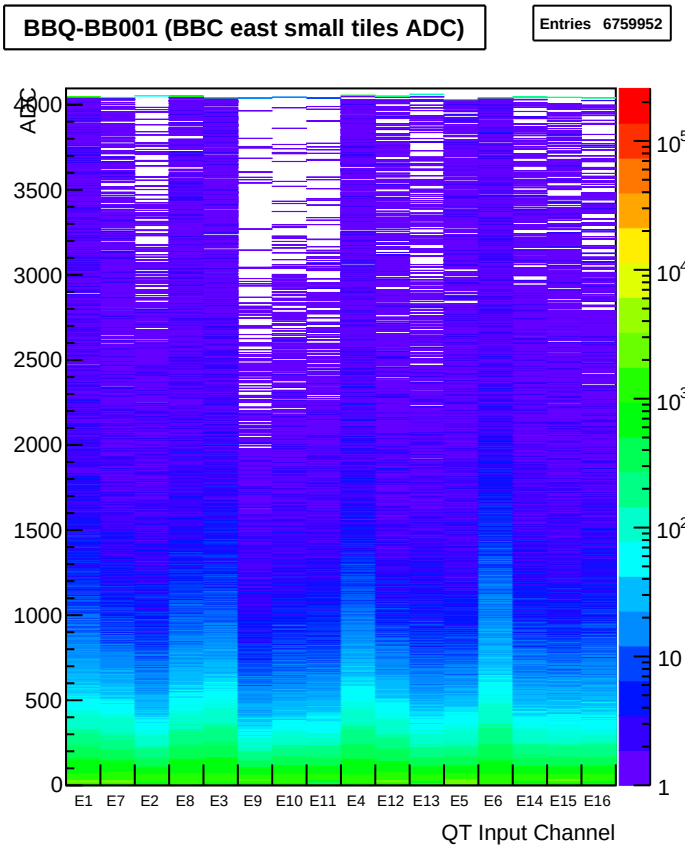

MIX-TF101
Entries 265278
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

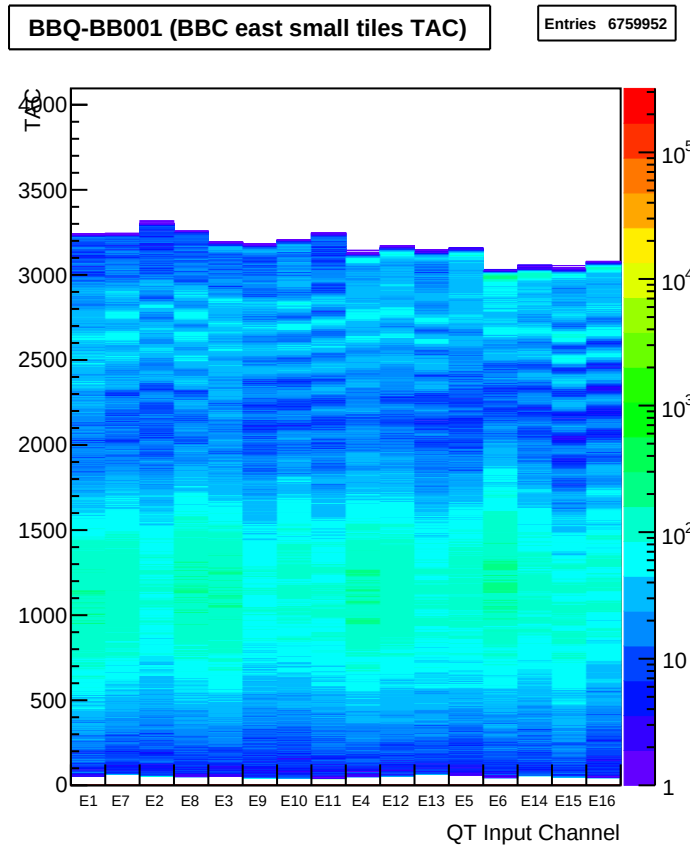

L2-TF201
Entries 422497
TOF total mult

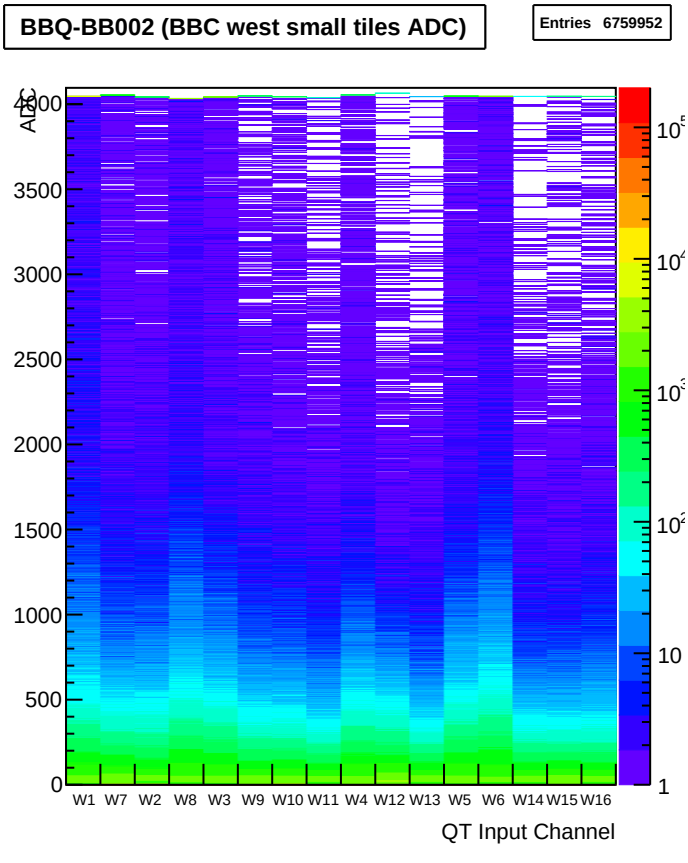

L2-TF201
Entries 0
TOF total mult(Real-Simu)

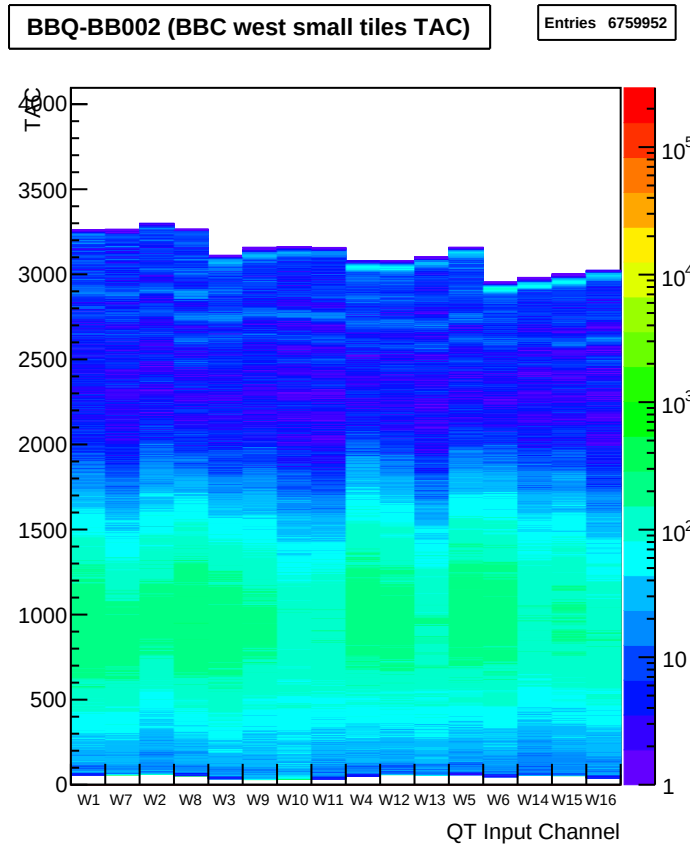

L2-TF201
Entries 2957479
Threshold/UPC bits
386707
389766
386493
390449
387482
385538
411288
35790
32731
36004
32048
35015
36959
11209
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

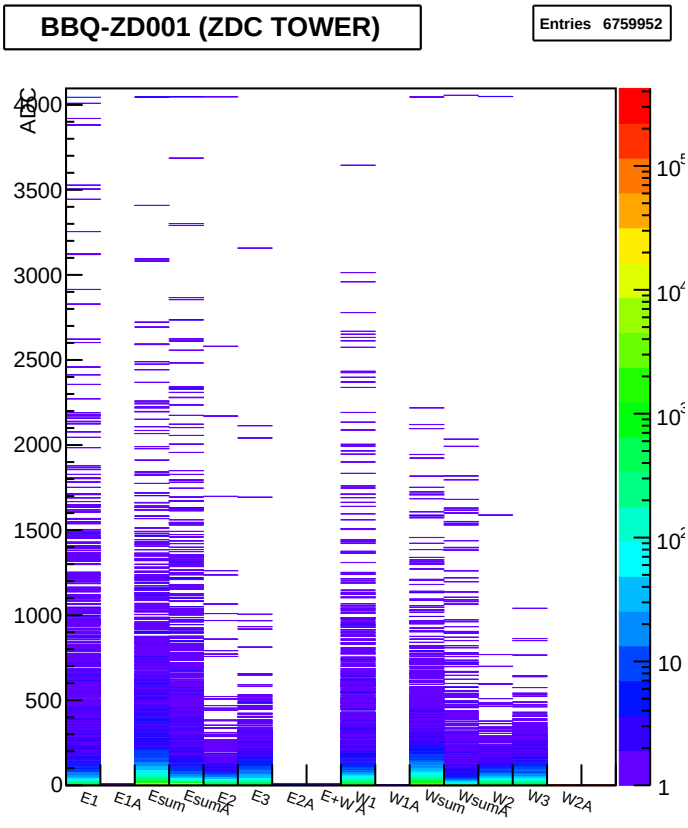

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

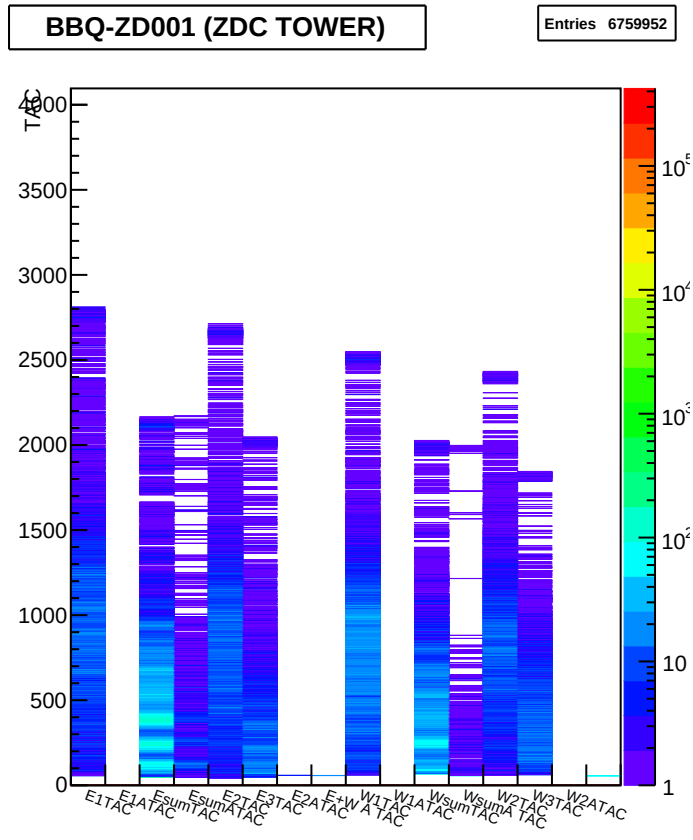

BBQ-BB001 (BBC east small tiles ADC)
Entries 6759952
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

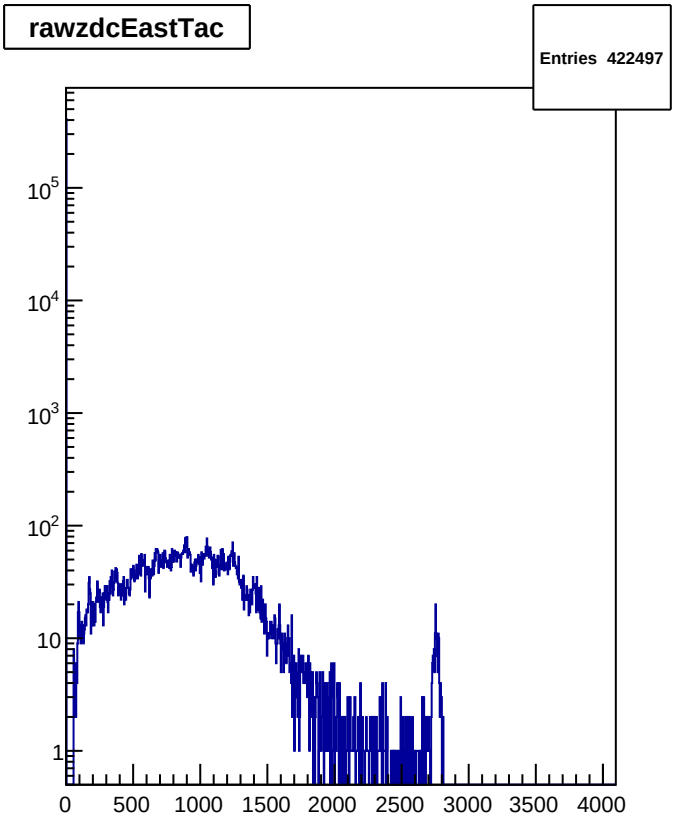

BBQ-BB001 (BBC east small tiles TAC)
Entries 6759952
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

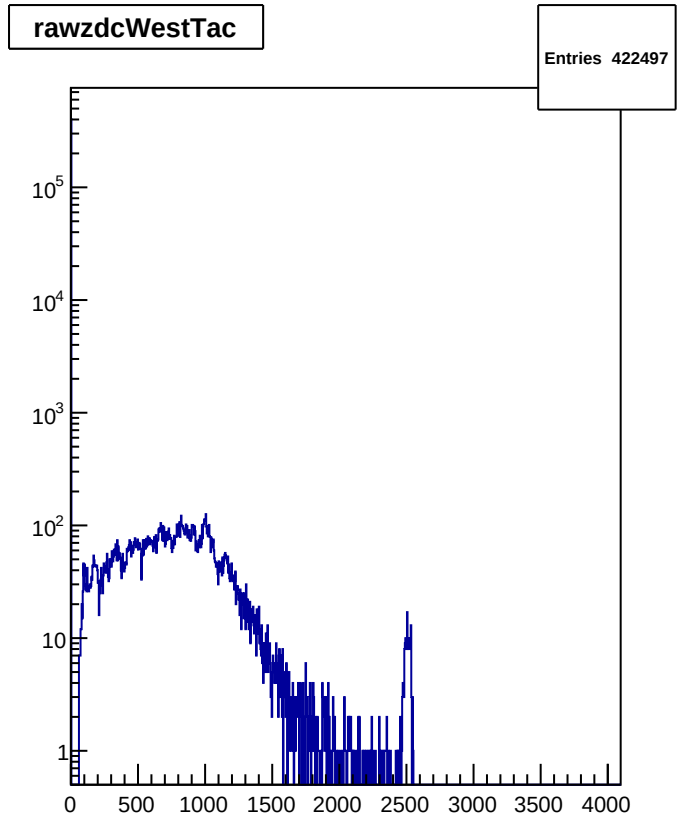

BBQ-BB002 (BBC west small tiles ADC)
Entries 6759952
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

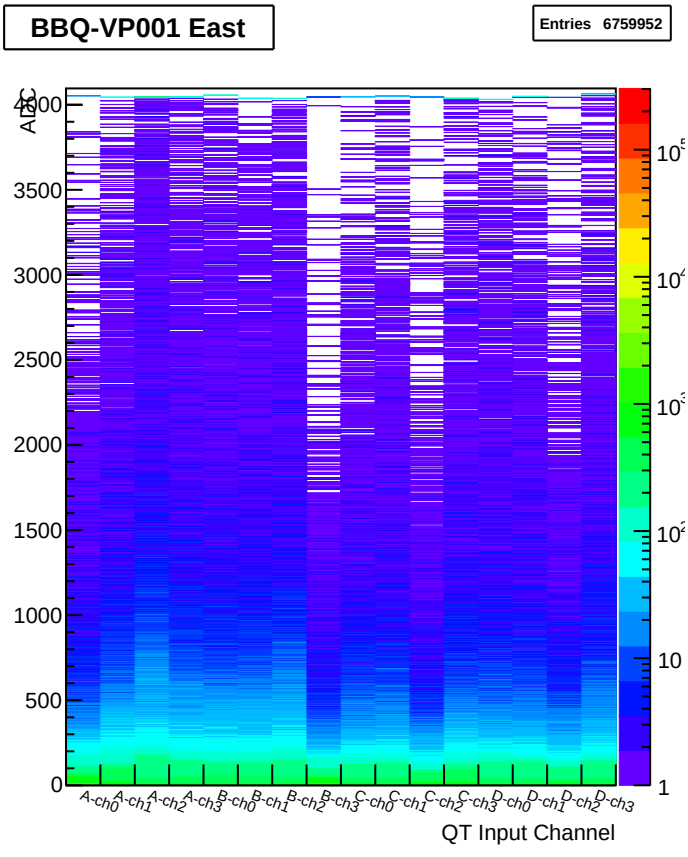

BBQ-BB002 (BBC west small tiles TAC)
Entries 6759952
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

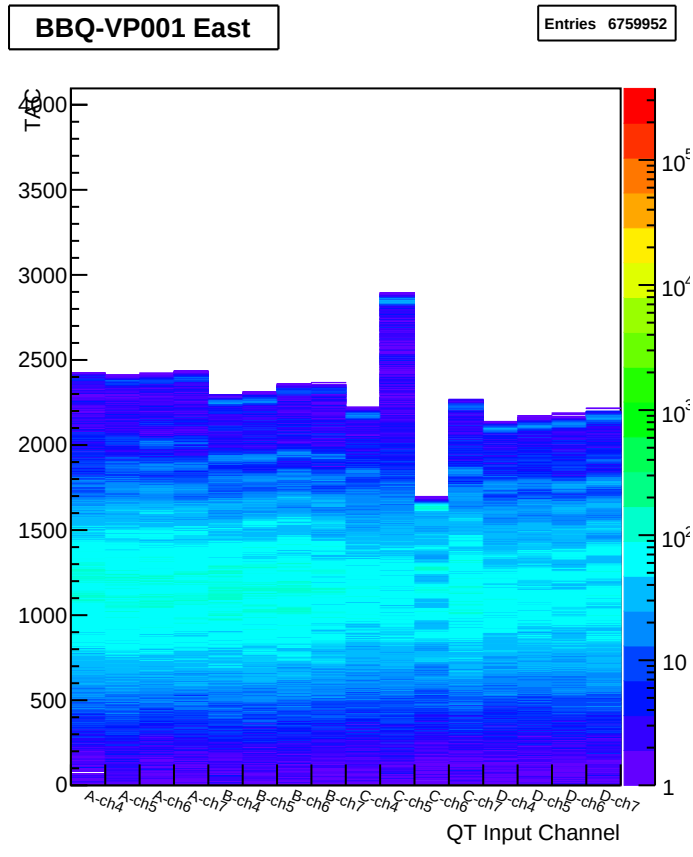

BBQ-ZD001 (ZDC TOWER)
Entries 6759952
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

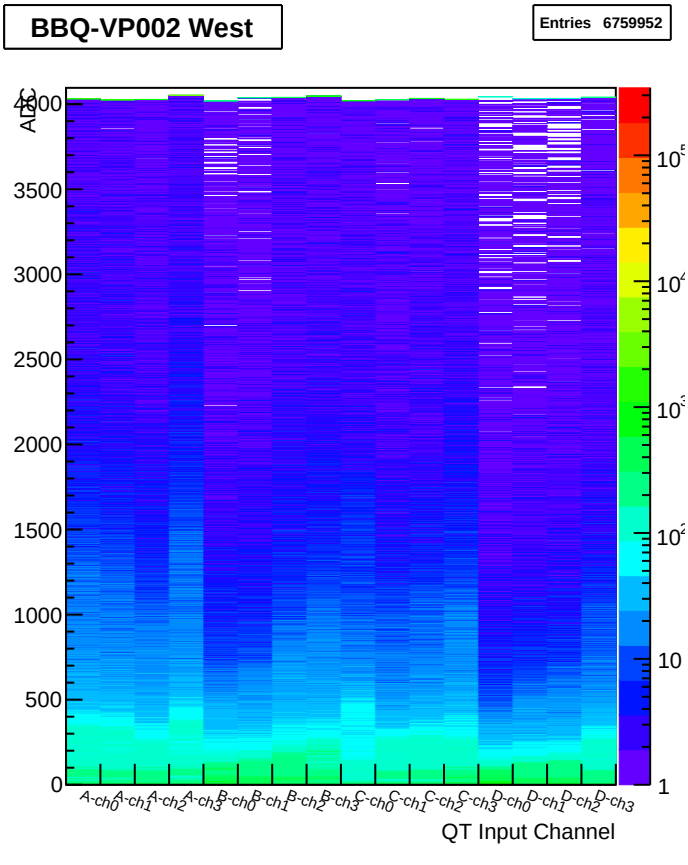

BBQ-ZD001 (ZDC TOWER)
Entries 6759952
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

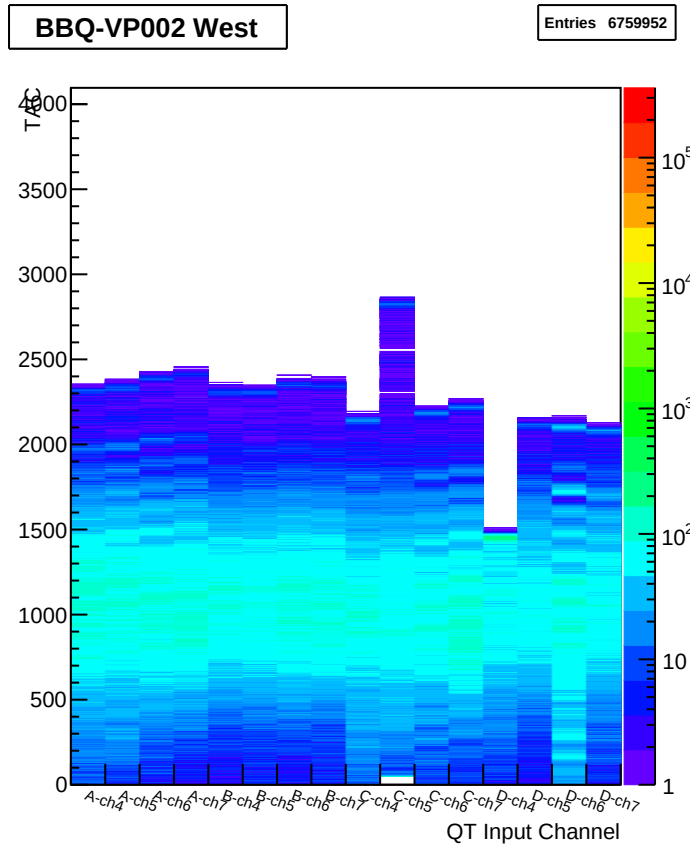

rawzdcEastTac
Entries 422497

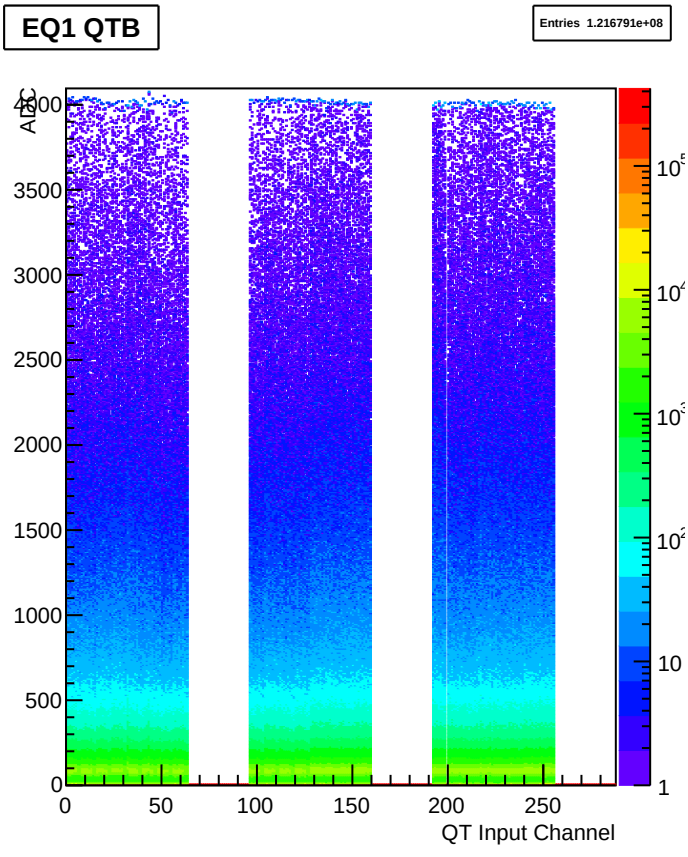

rawzdcWestTac
Entries 422497

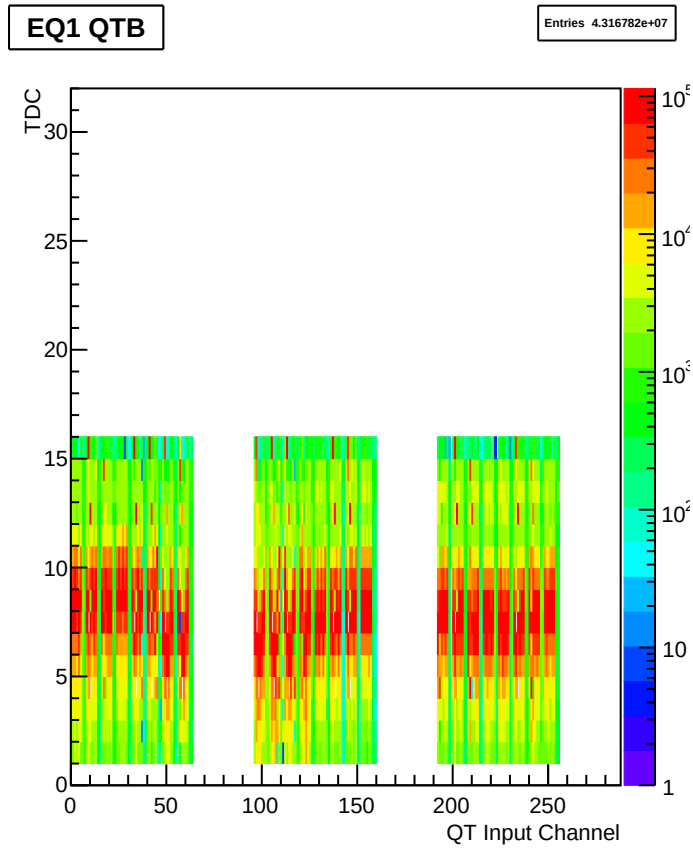

BBQ-VP001 East
Entries 6759952
ADC
QT Input Channel

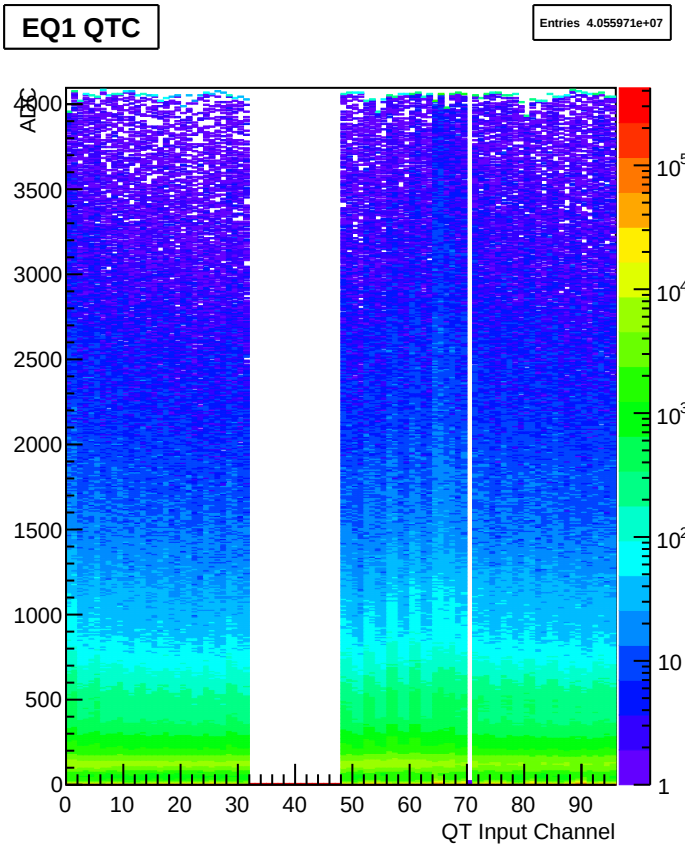

BBQ-VP001 East
Entries 6759952
TADC
QT Input Channel

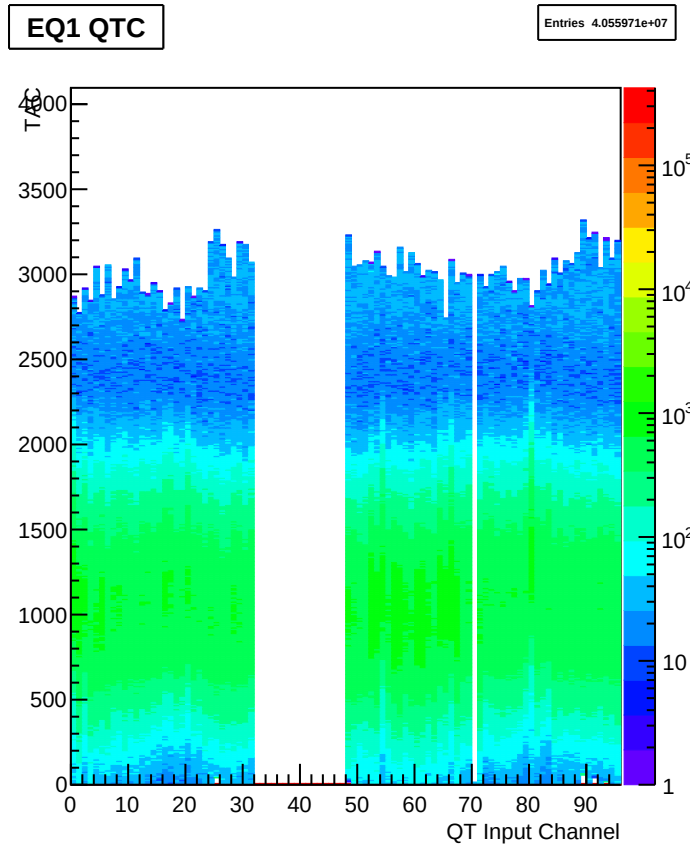

BBQ-VP002 West
Entries 6759952
ADC
QT Input Channel

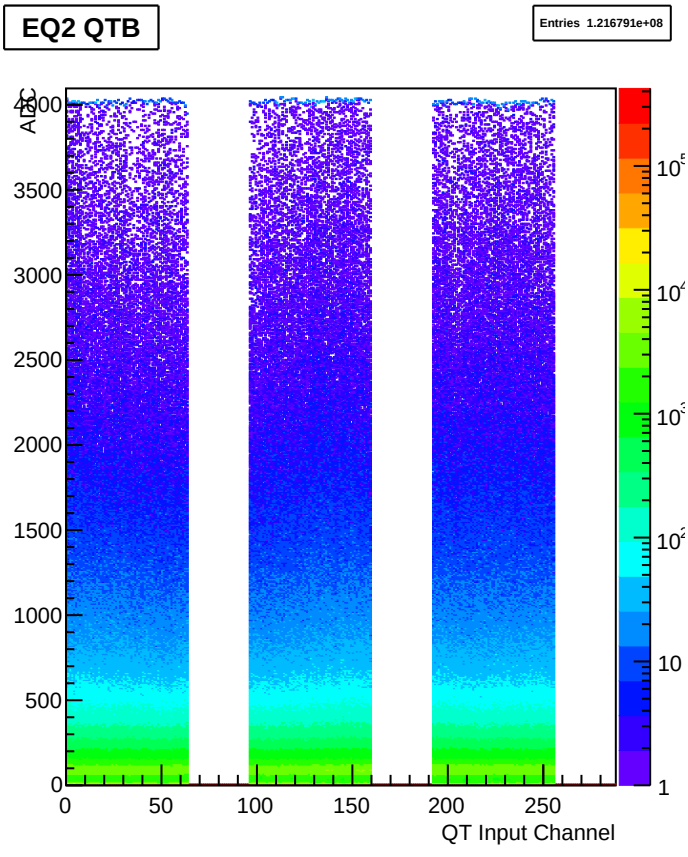

BBQ-VP002 West
Entries 6759952
TADC
QT Input Channel

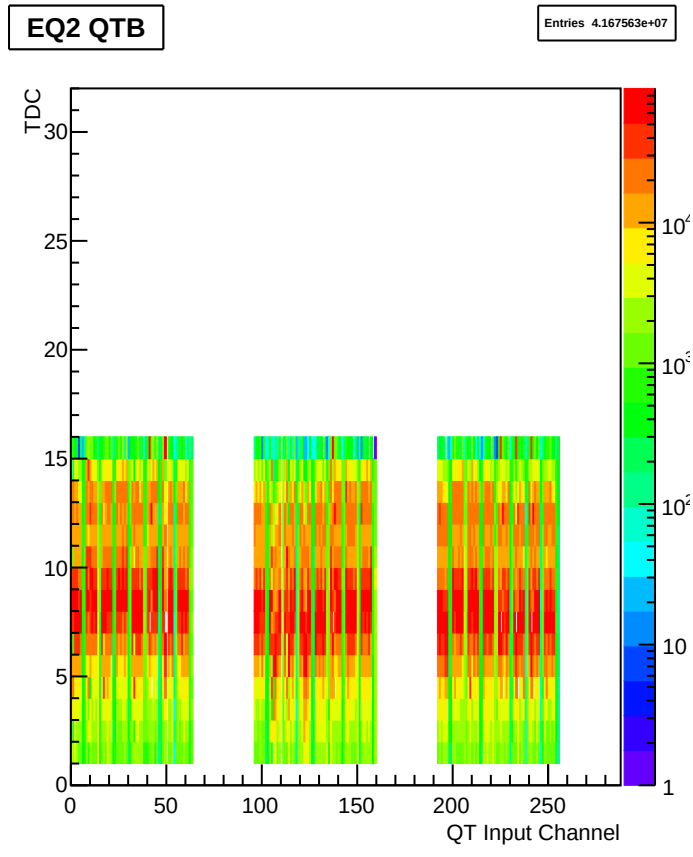

EQ1 QTB
Entries 1.216791e+08
ADC
QT Input Channel

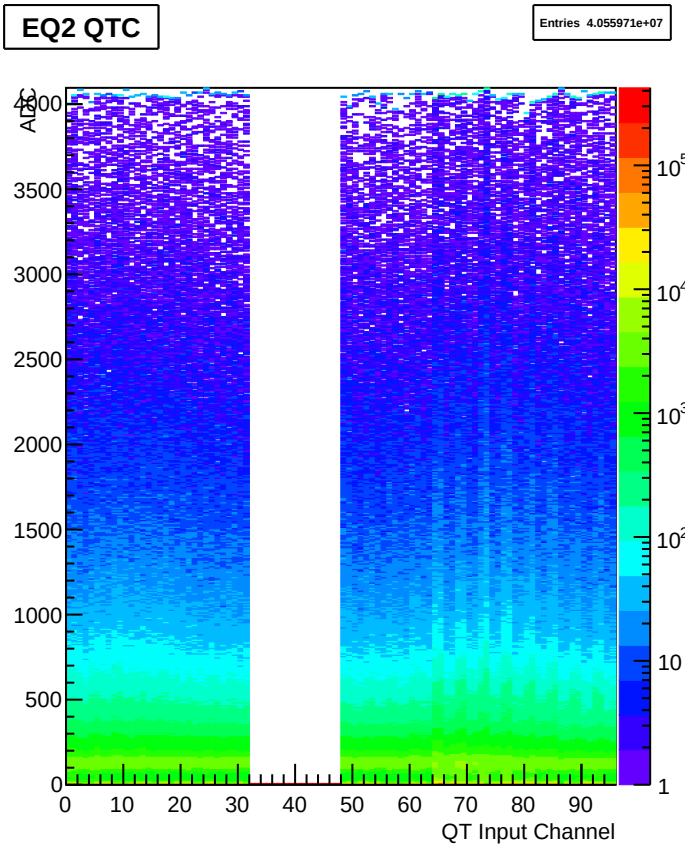

EQ1 QTB
Entries 4.316782e+07
TDC
QT Input Channel

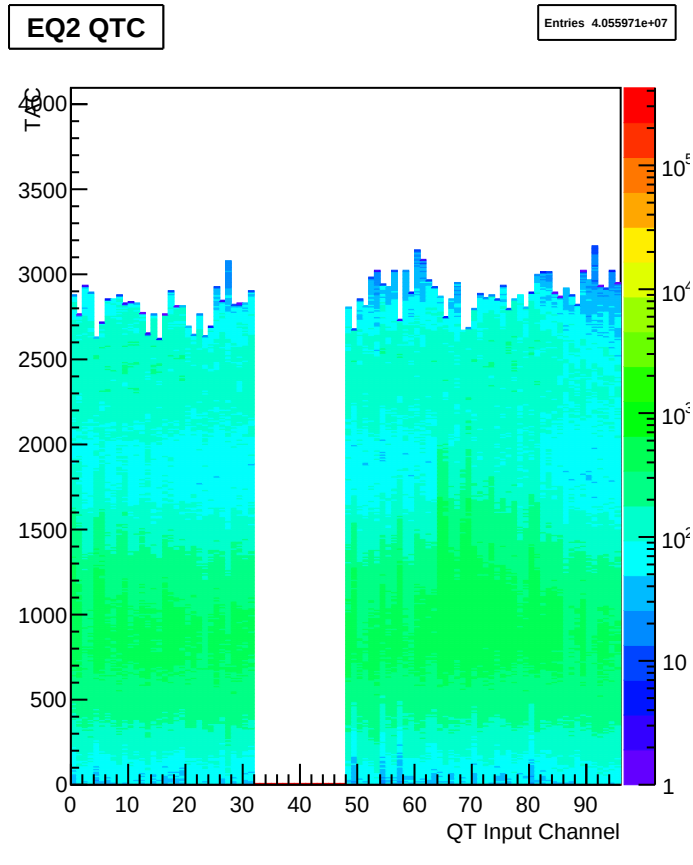

EQ1 QTC
Entries 4.055971e+07
ADC
QT Input Channel

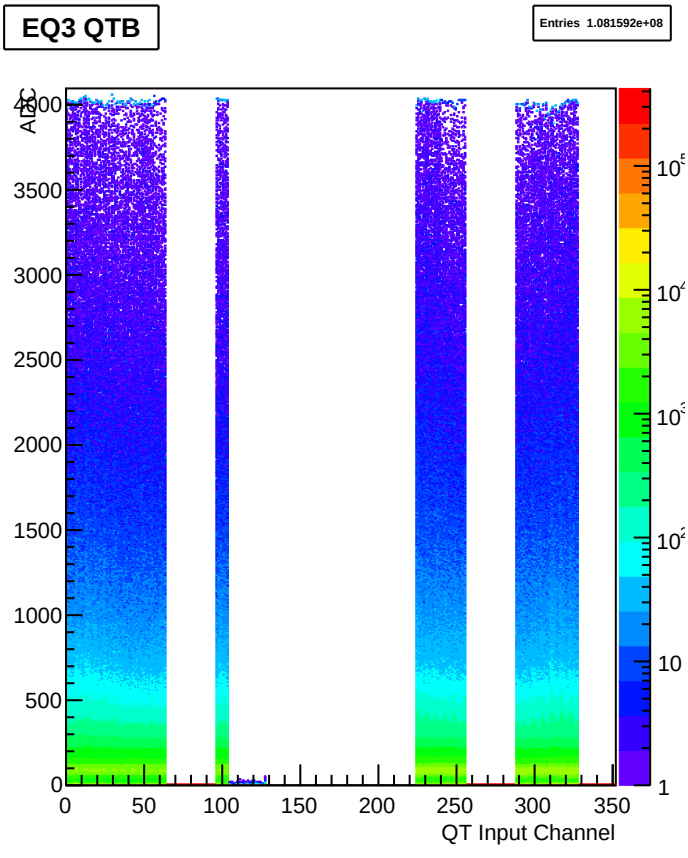

EQ1 QTC
Entries 4.055971e+07
TADC
QT Input Channel

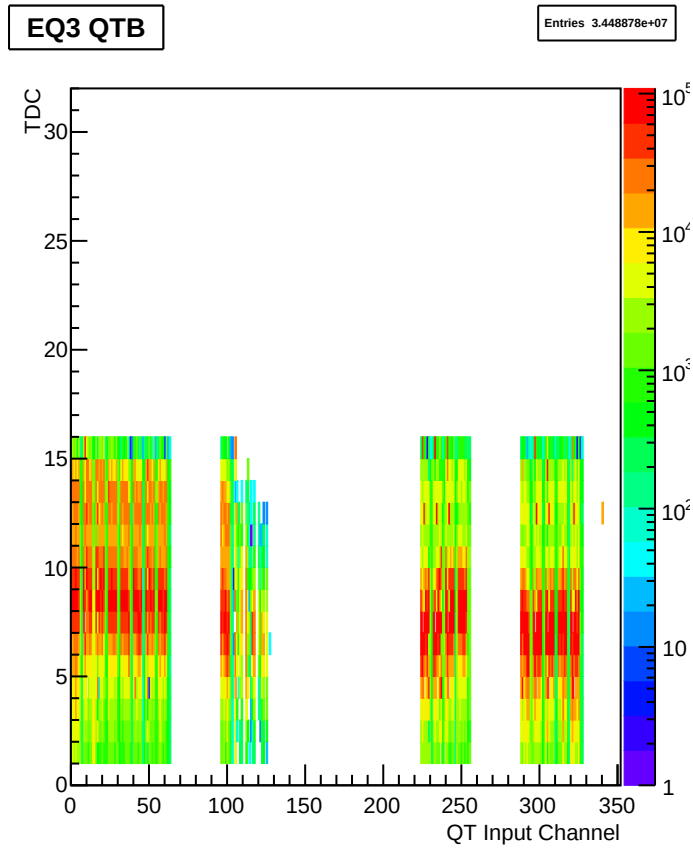

EQ2 QTB
Entries 1.216791e+08
ADC
QT Input Channel

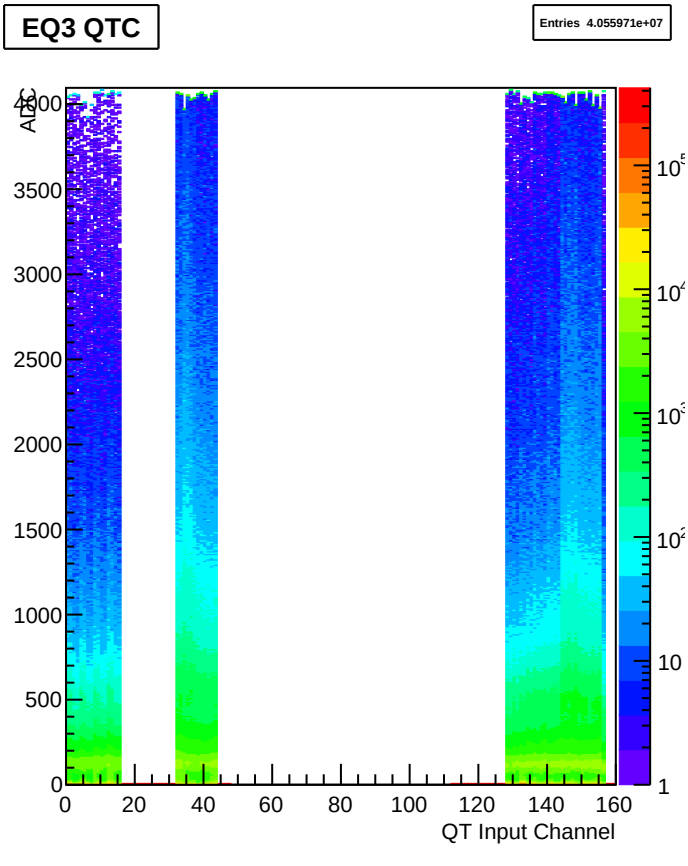

EQ2 QTB
Entries 4.167563e+07
TDC
QT Input Channel

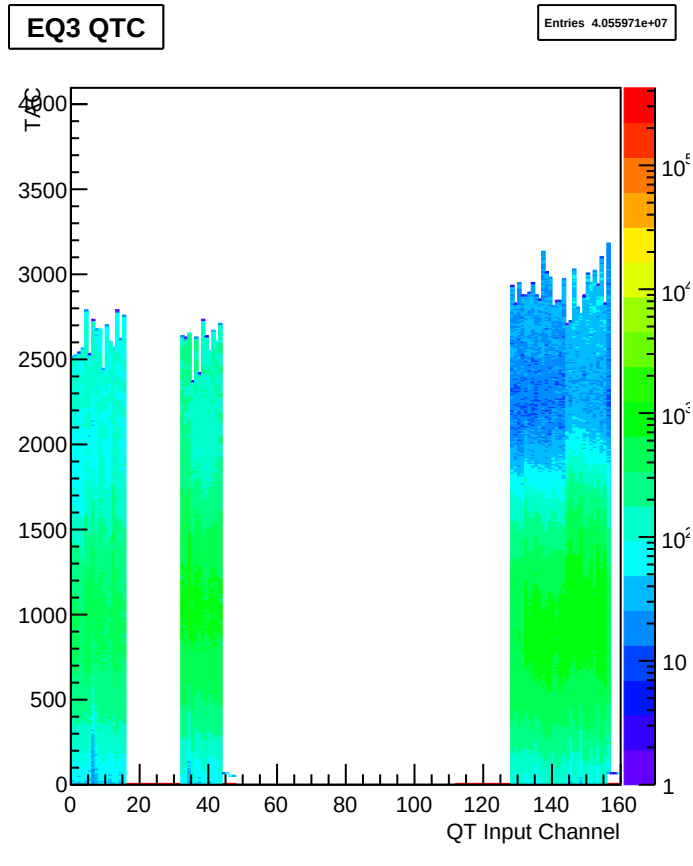

EQ2 QTC
Entries 4.055971e+07
ADC
QT Input Channel

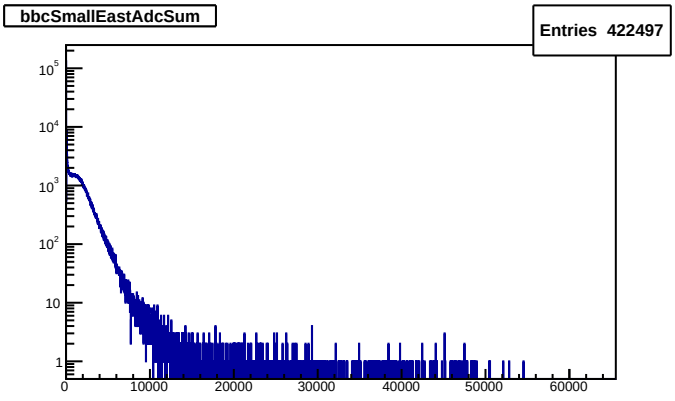

EQ2 QTC
Entries 4.055971e+07
TADC
QT Input Channel

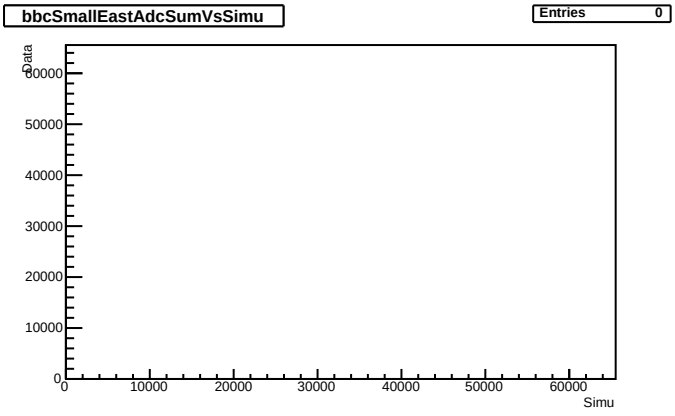

EQ3 QTB
Entries 1.081592e+08
ADC
QT Input Channel

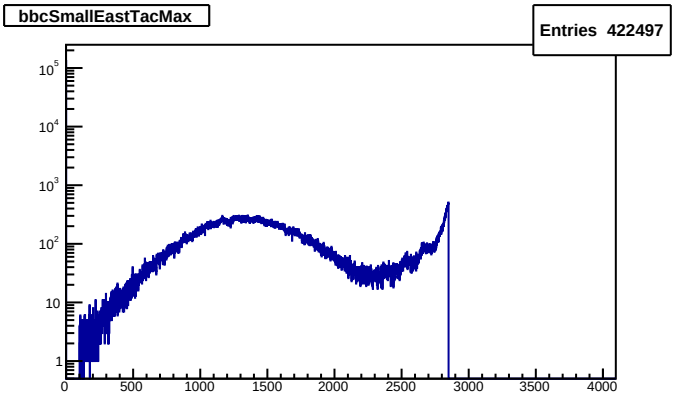

EQ3 QTB
Entries 3.448878e+07
TDC
QT Input Channel

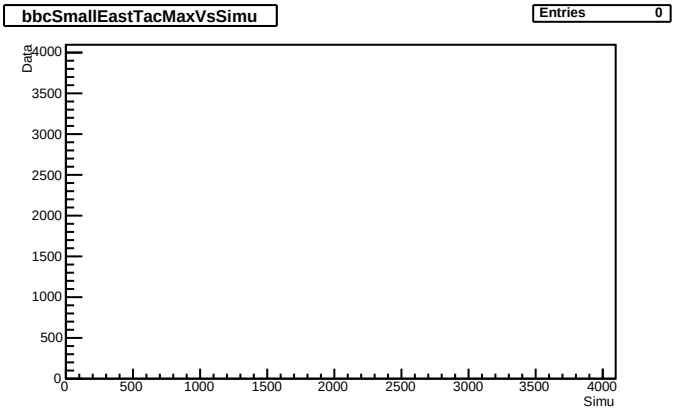

EQ3 QTC
Entries 4.055971e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.055971e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 422497


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 422497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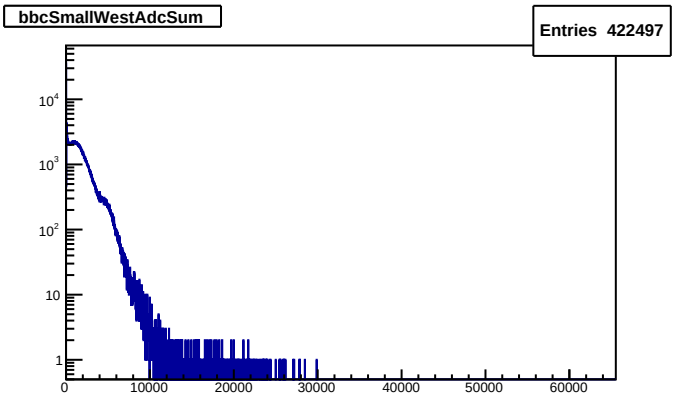
Simu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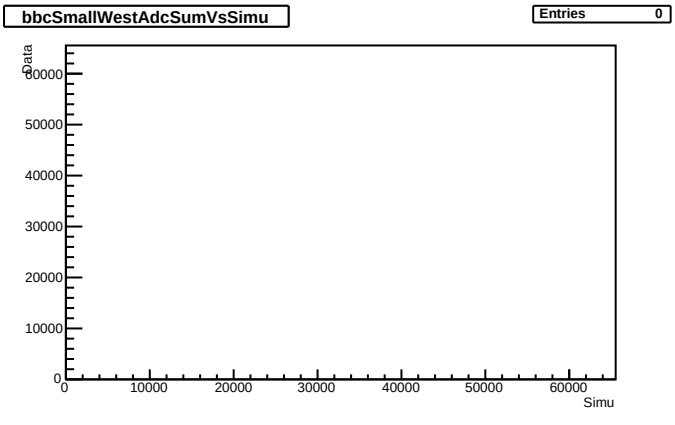
Entries 422497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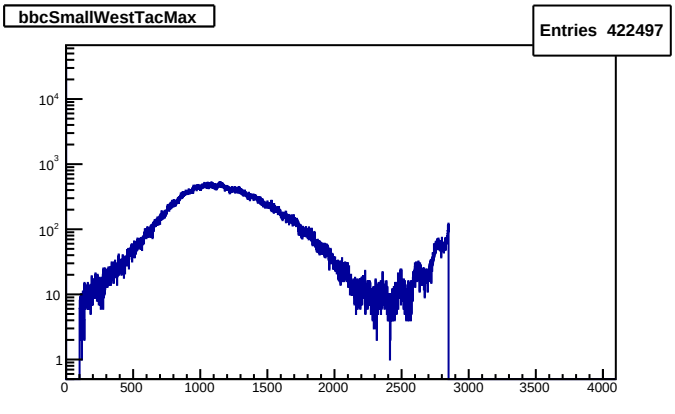
Entries 0
Data
Simu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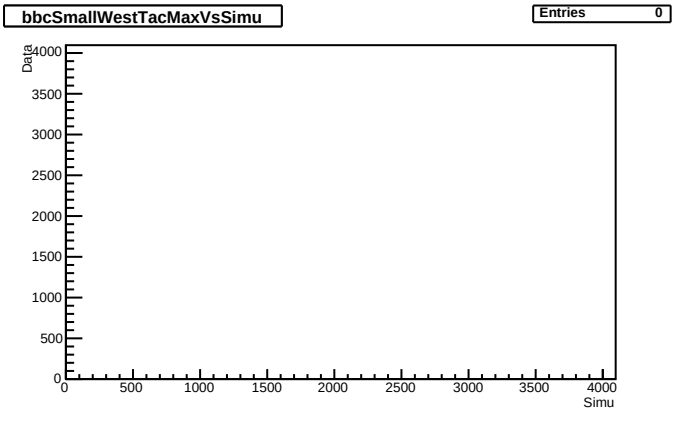
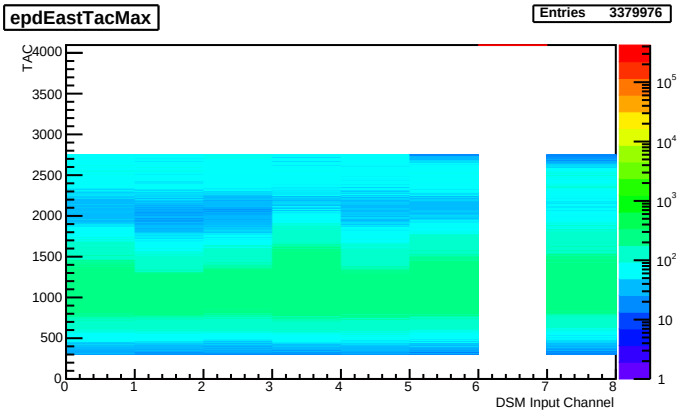
Entries 422497


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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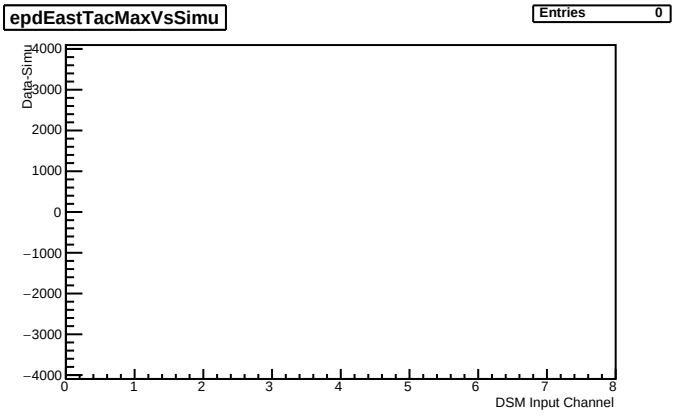
Entries 3379976
TAC
DSM Input Channel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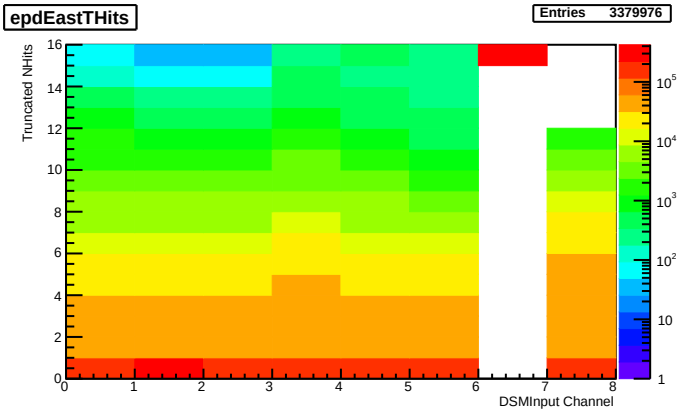
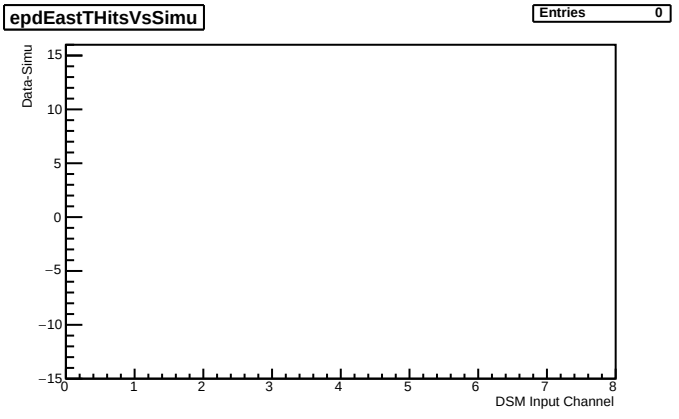
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3379976
Truncated NHits
DSMInput Channel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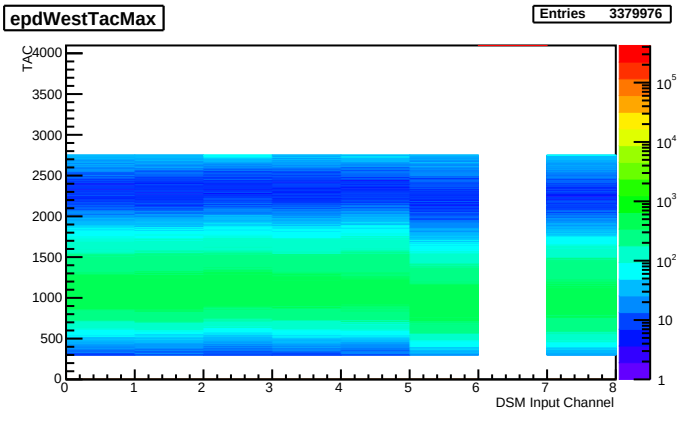
DSM Input Channel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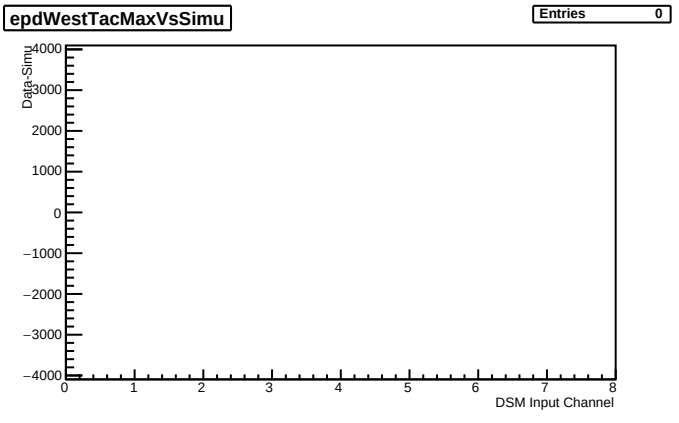
DSM Input Channel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Entries 0
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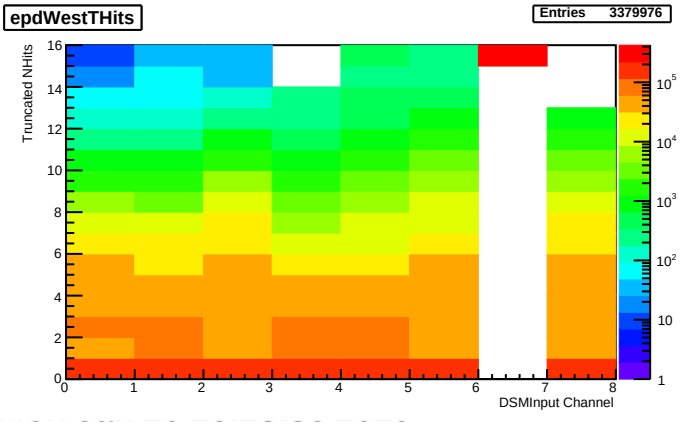
DSM Input Channel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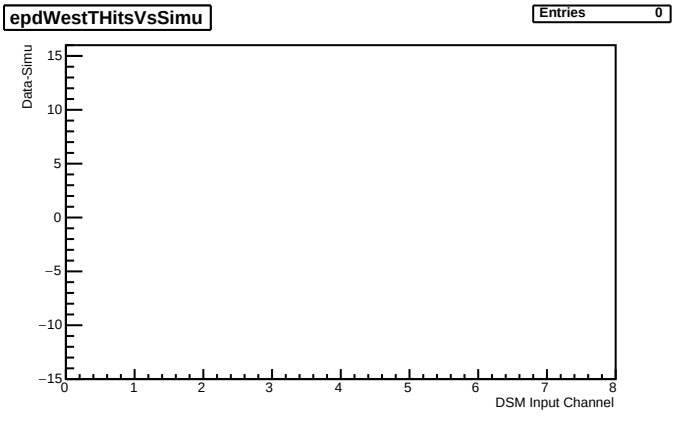
Entries 3379976
Truncated NHits
DSMInput Channel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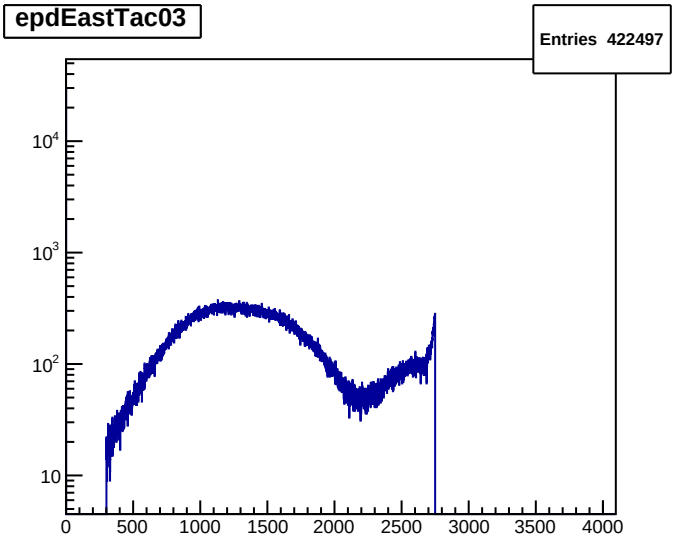
Entries 0
Data-Simu
DSM Input Channel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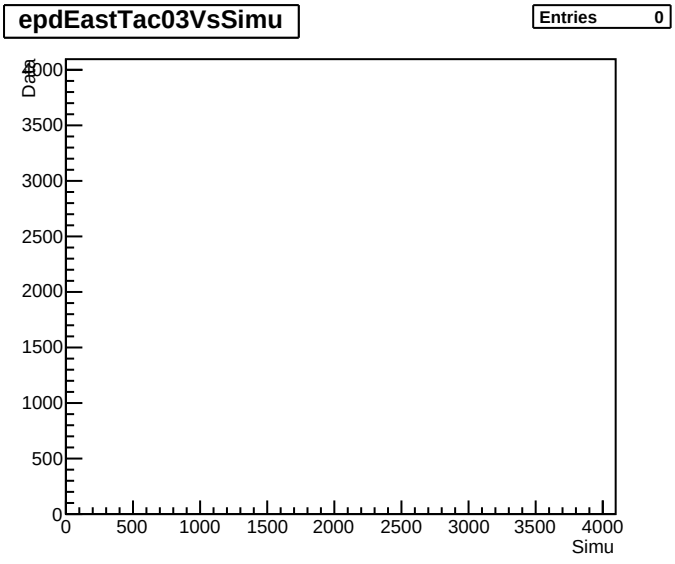
Entries 422497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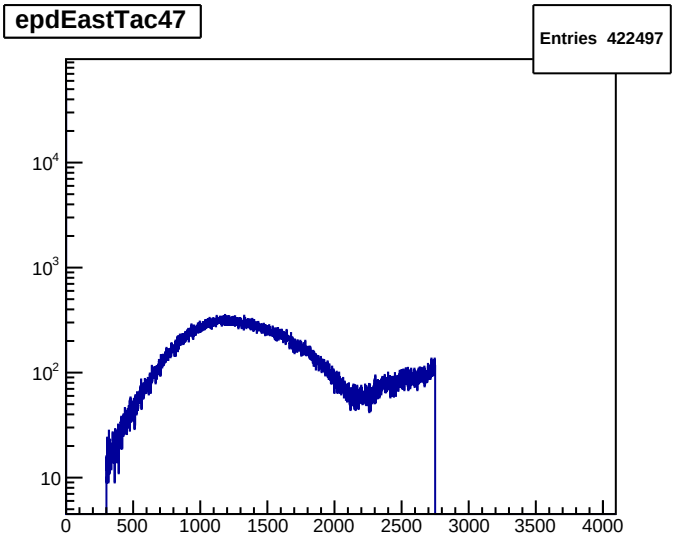
Entries 0
Data
Simu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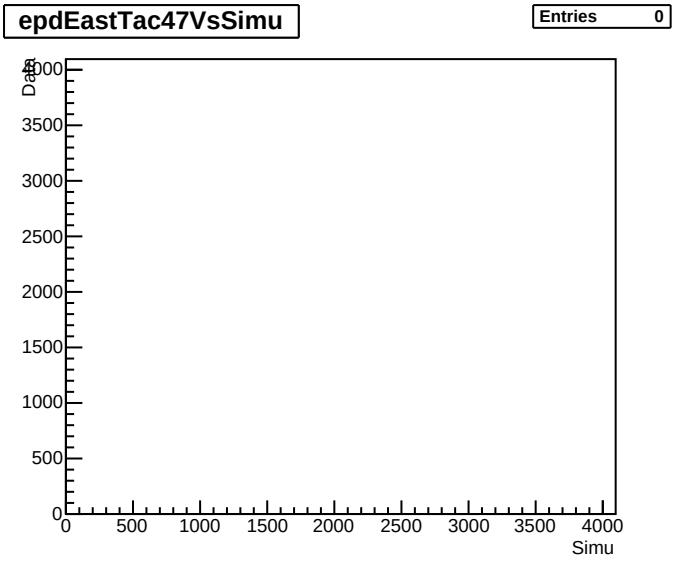
Entries 422497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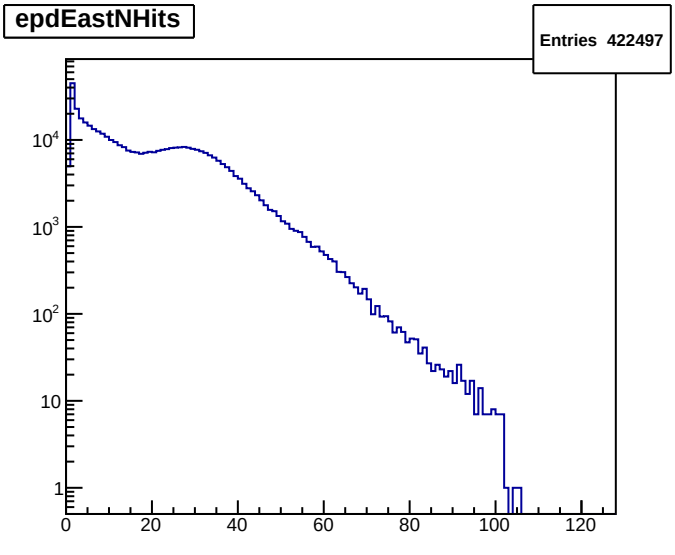
Entries 0
Data
Simu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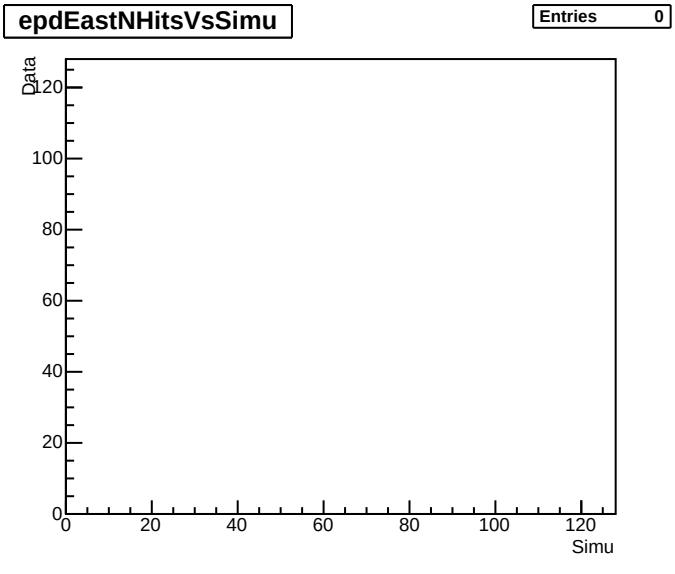
Entries 422497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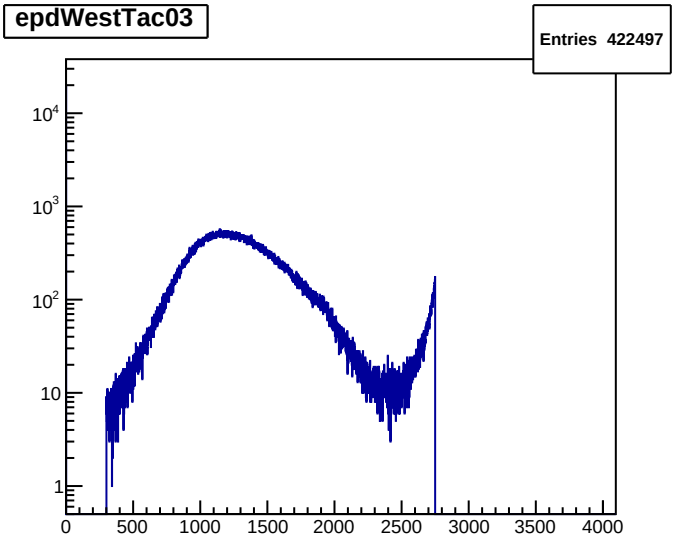
Entries 0
Data
Simu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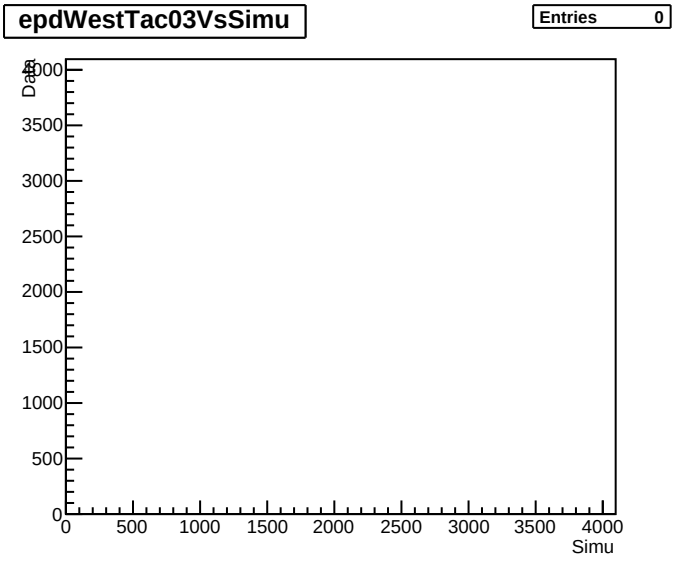
Entries 422497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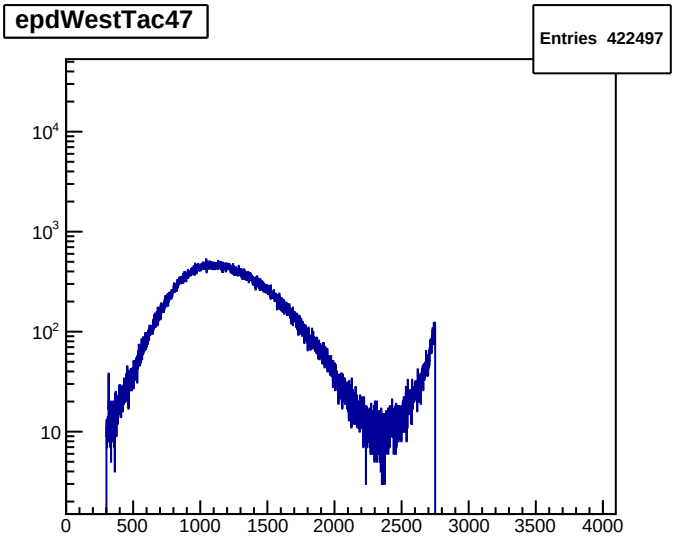
Entries 0
Data
Simu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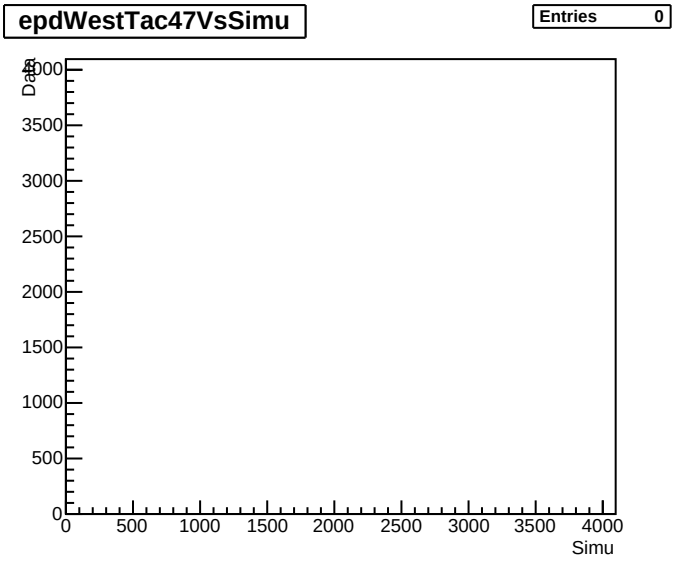
Entries 422497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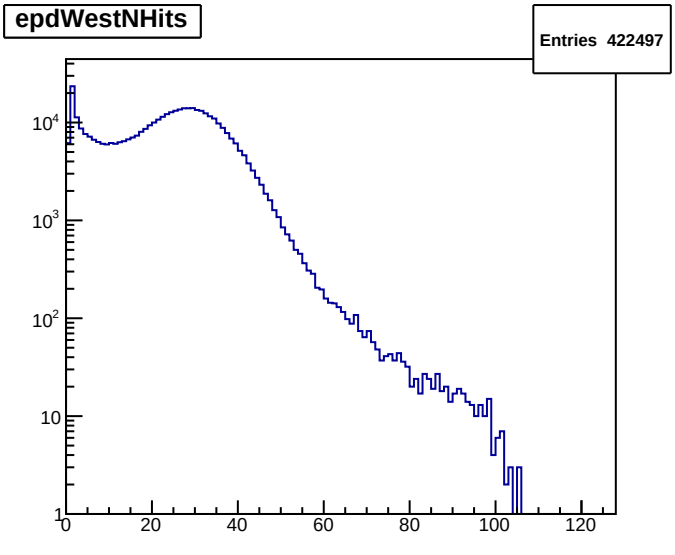
Entries 0
Data
Simu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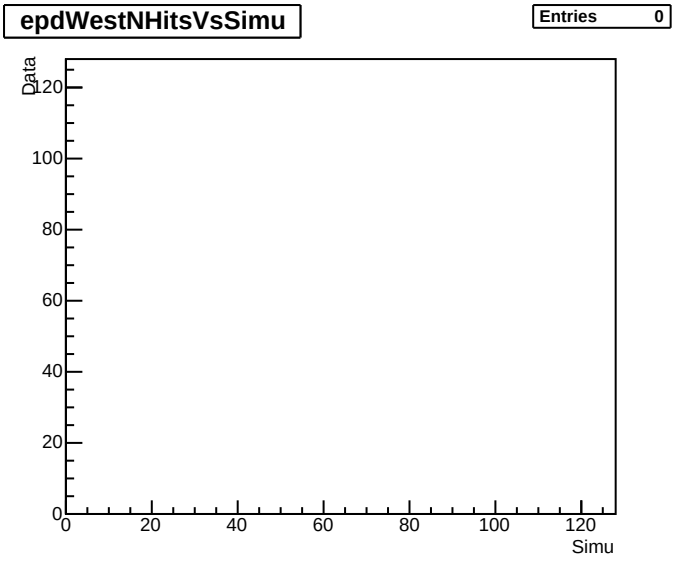
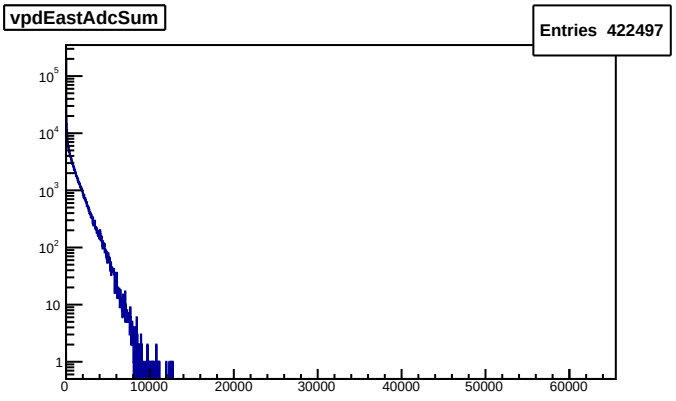
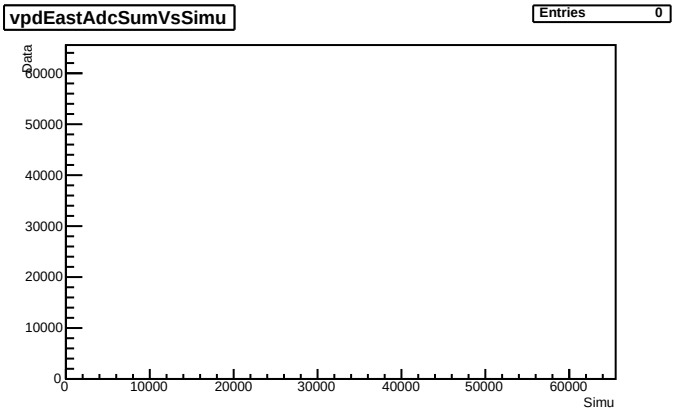
Entries 422497


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 422497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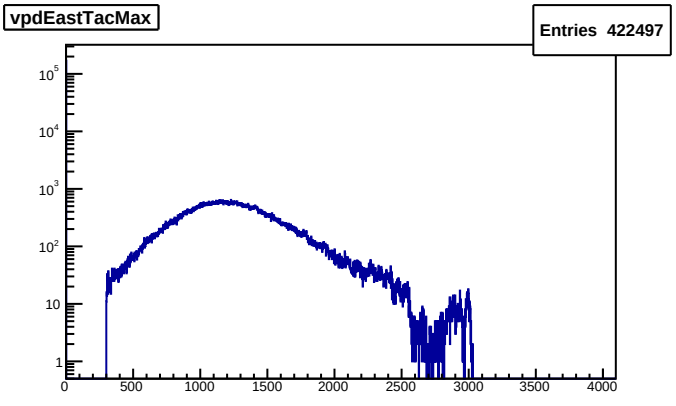
Entries 0
Data
Simu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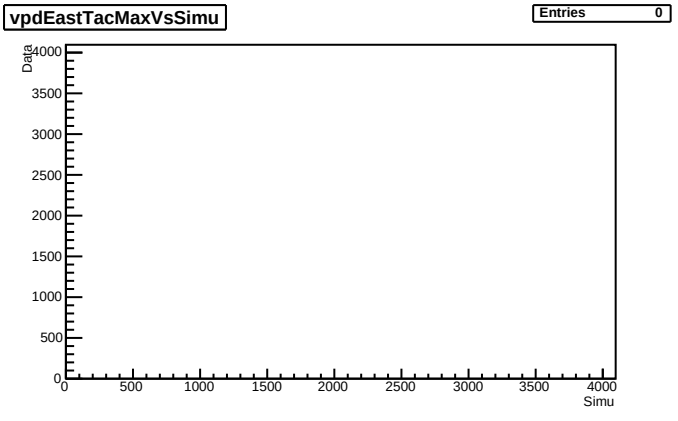
Entries 422497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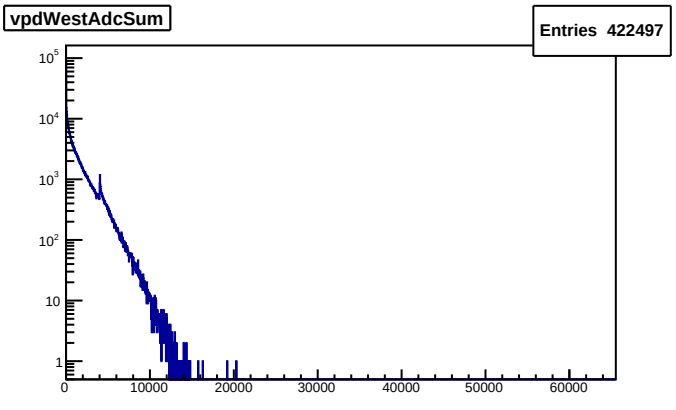
Entries 0
Data
Simu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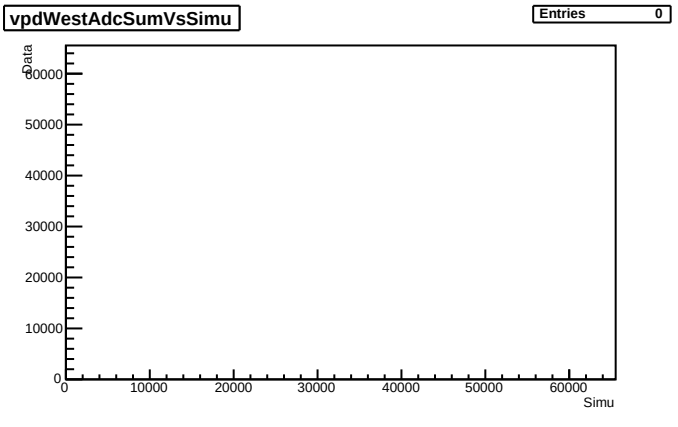
Entries 422497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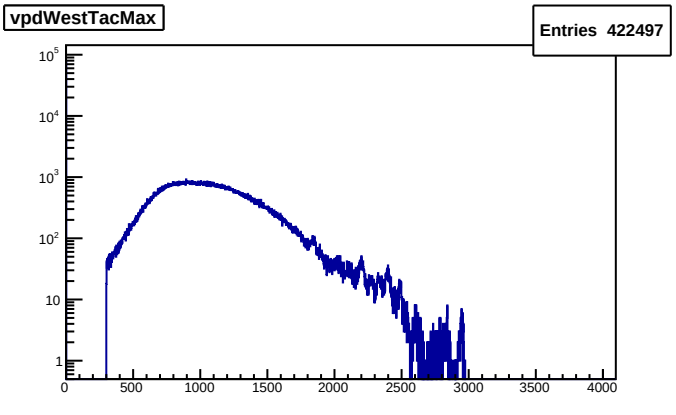
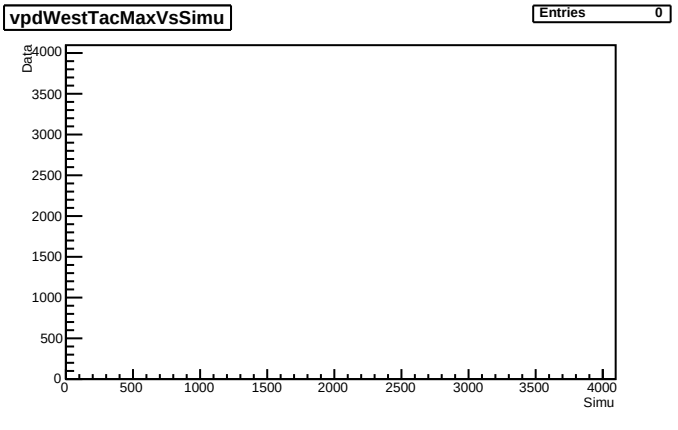
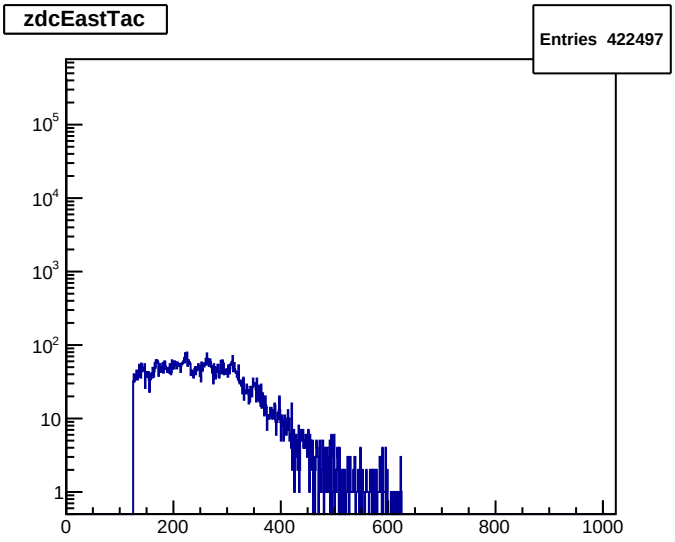
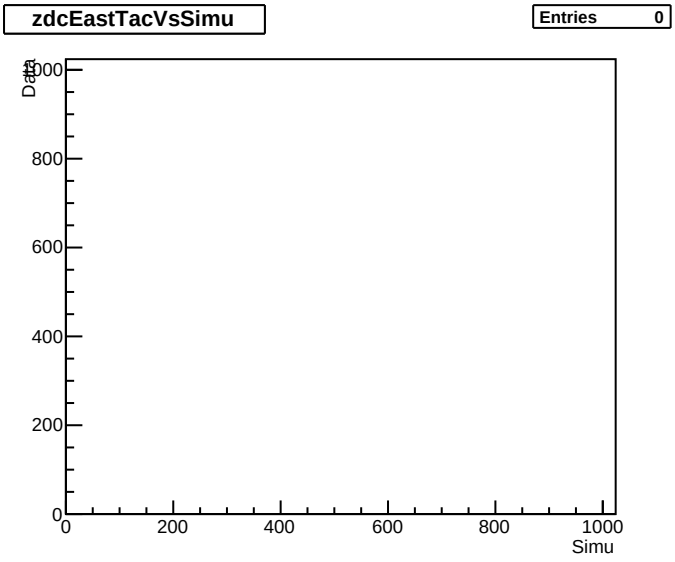
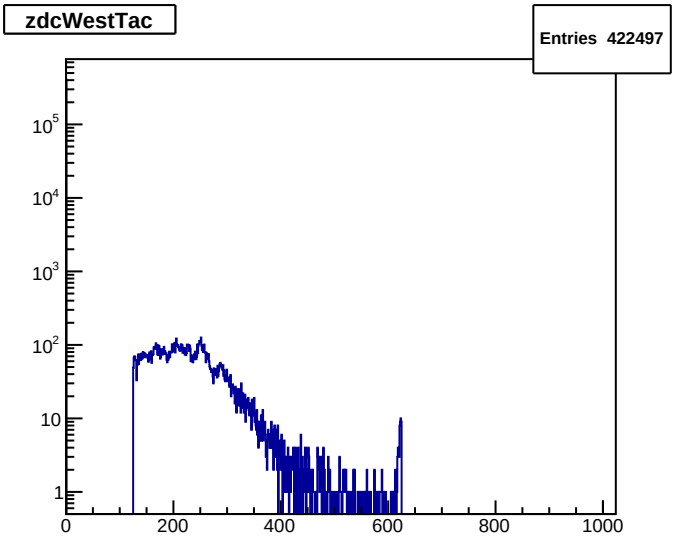
Entries 0
Data
Simu

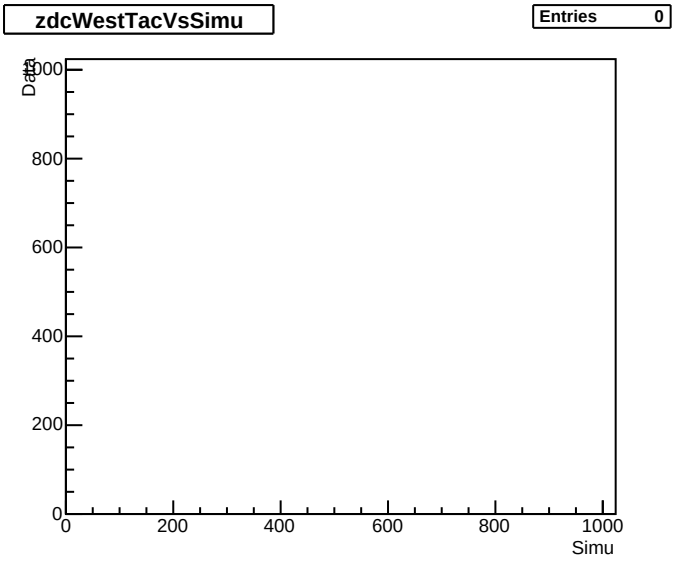

vpdWestTacMax
Entries 422497

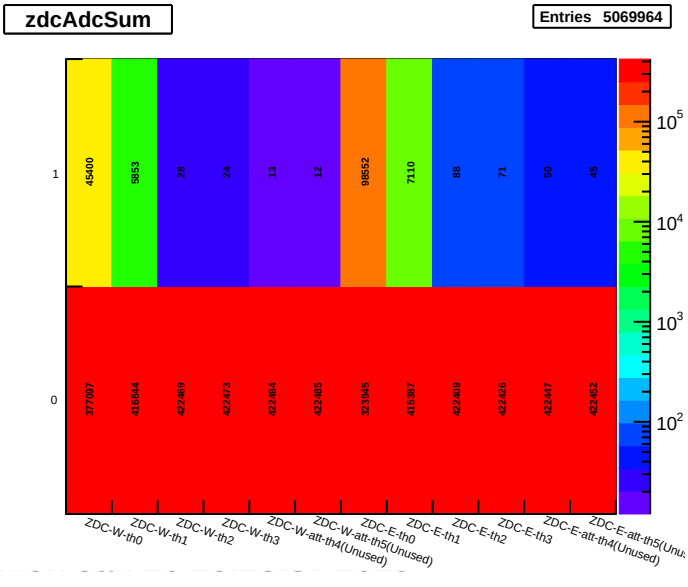

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

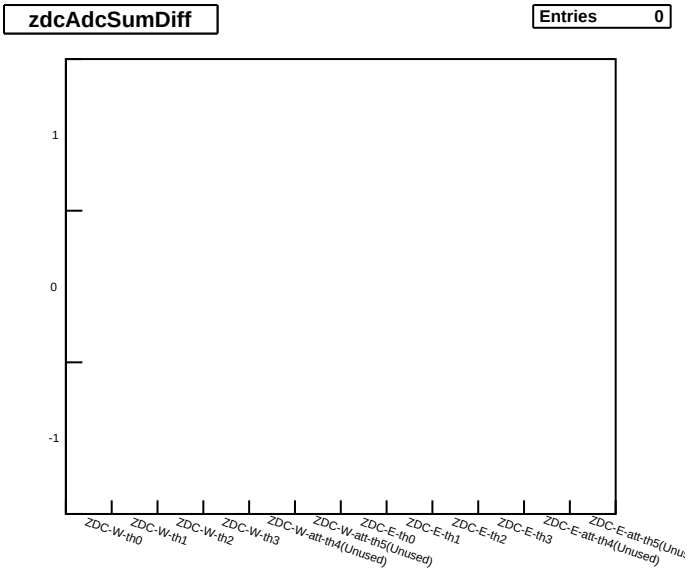

zdcEastTac
Entries 422497
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

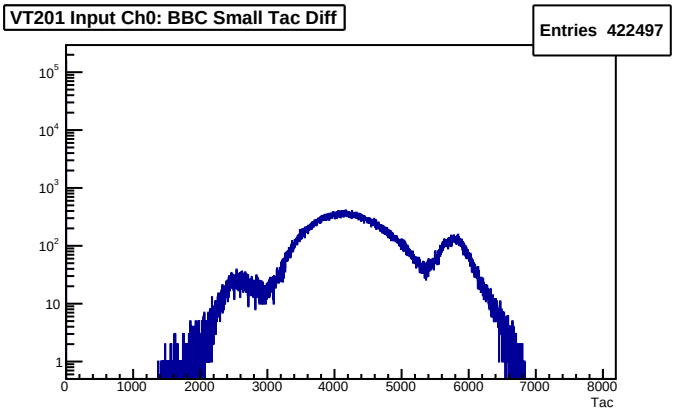

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

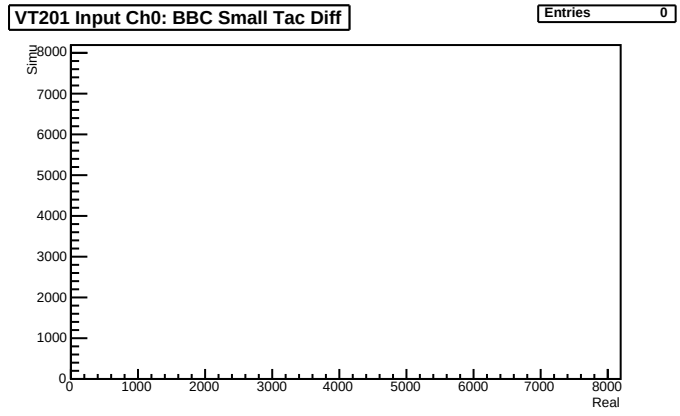

zdcWestTac
Entries 422497
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

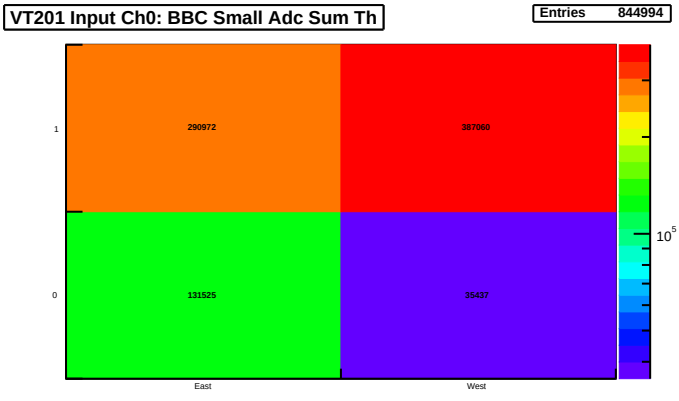

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

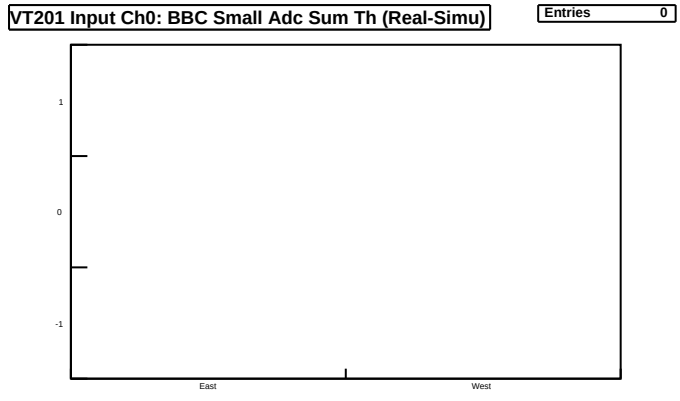

zdcAdcSum
Entries 5069964
1
0
45400
5653
28
24
13
12
98552
7110
88
71
50
45
377097
416544
422469
422473
422484
422485
323945
415387
422409
422426
422447
422452
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

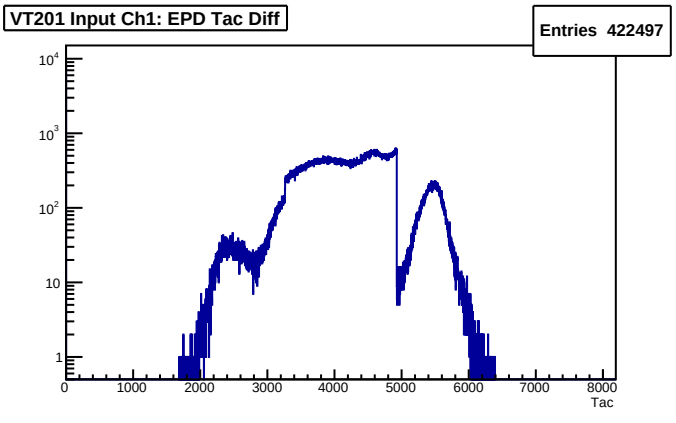

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

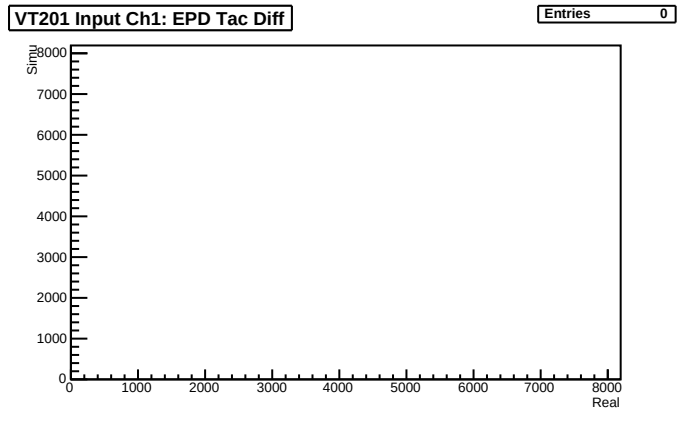

VT201 Input Ch0: BBC Small Tac Diff
Entries 422497
Tac

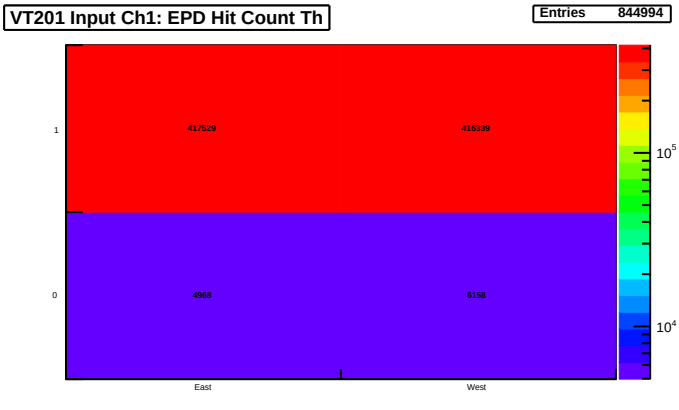

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

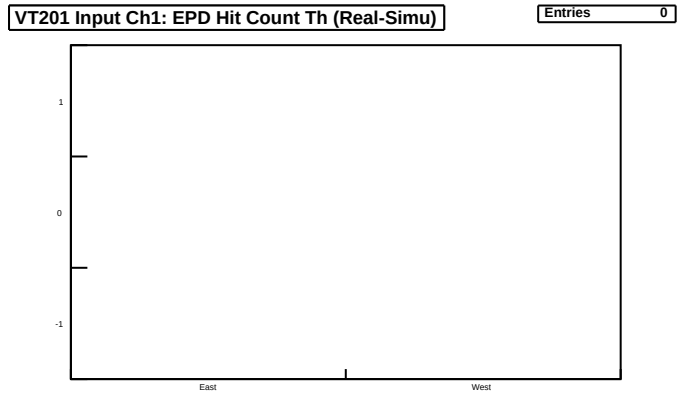

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 844994
290972
387060
131525
35437
East
West

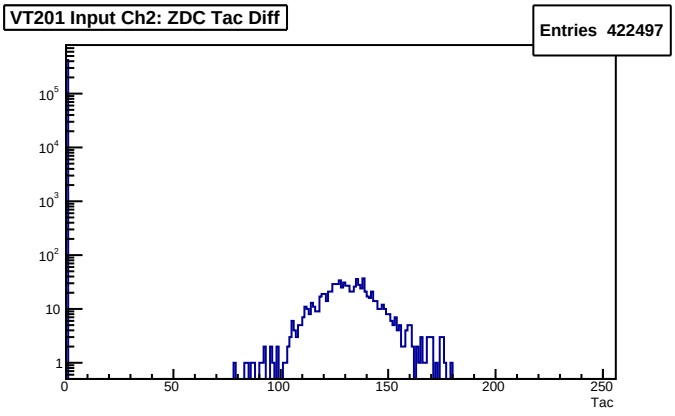

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

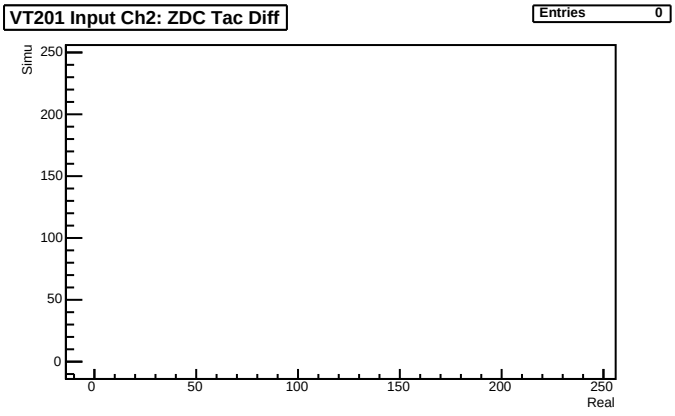

VT201 Input Ch1: EPD Tac Diff
Entries 422497
Tac

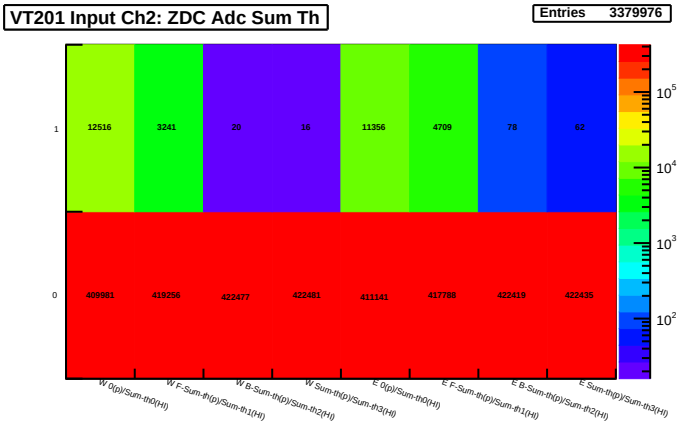

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

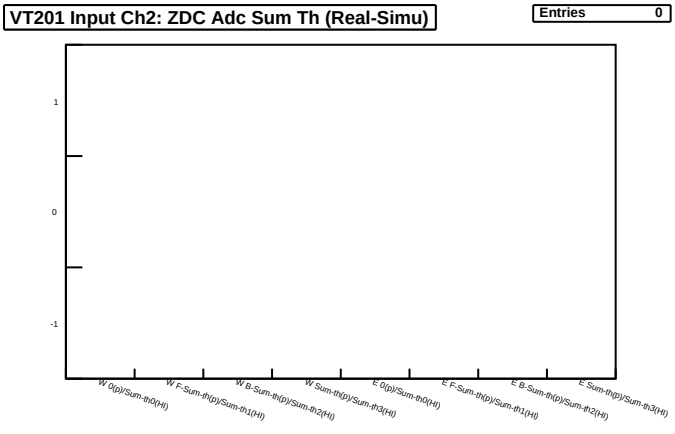

VT201 Input Ch1: EPD Hit Count Th
Entries 844994
417529
416339
4968
6158
East
West

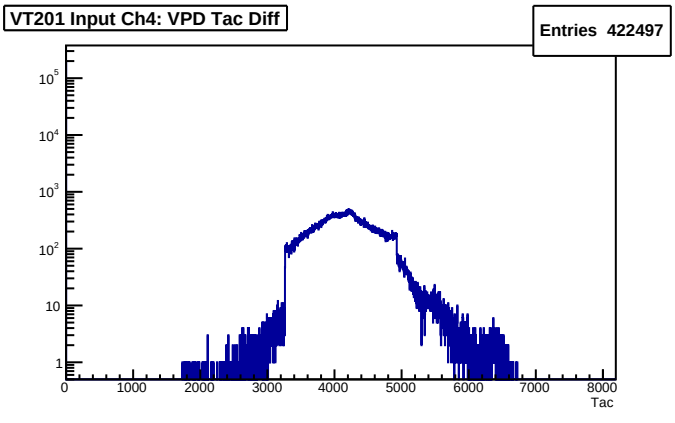

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

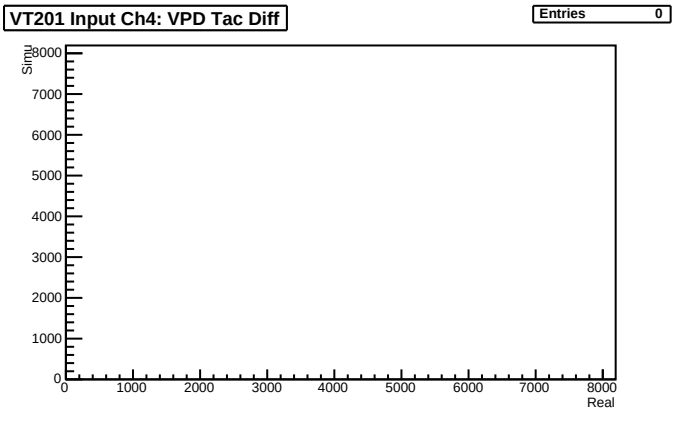

VT201 Input Ch2: ZDC Tac Diff
Entries 422497
Tac

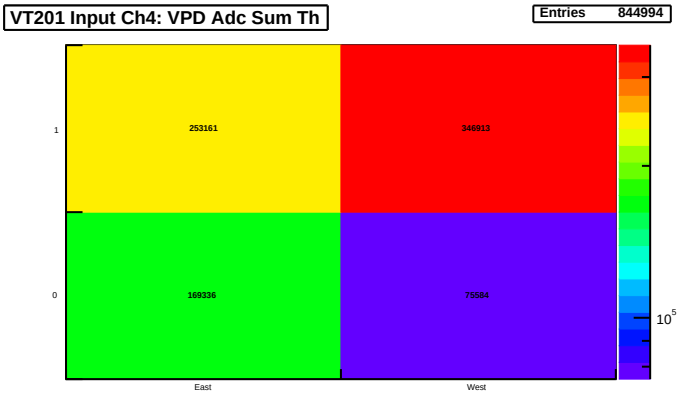

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

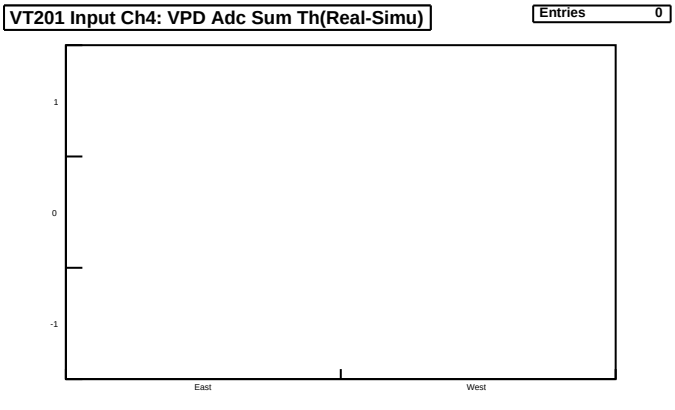

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3379976
12516
3241
20
16
11356
4709
78
62
409981
419256
422477
422481
411141
417788
422419
422435
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

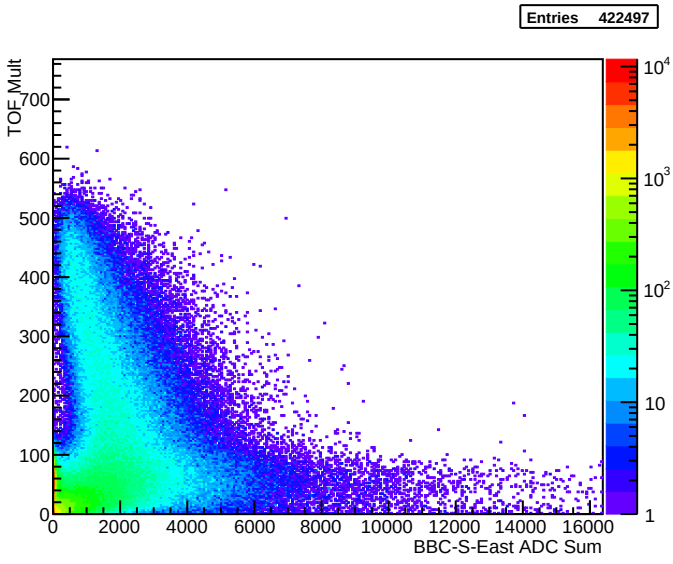

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

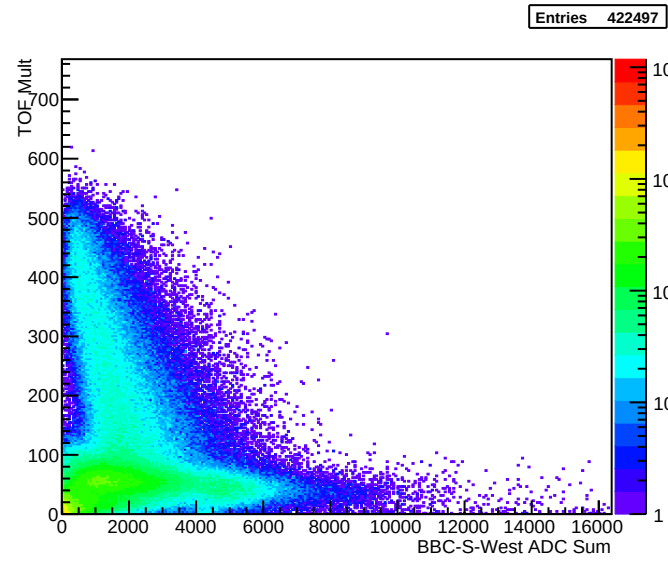

VT201 Input Ch4: VPD Tac Diff
Entries 422497
Tac

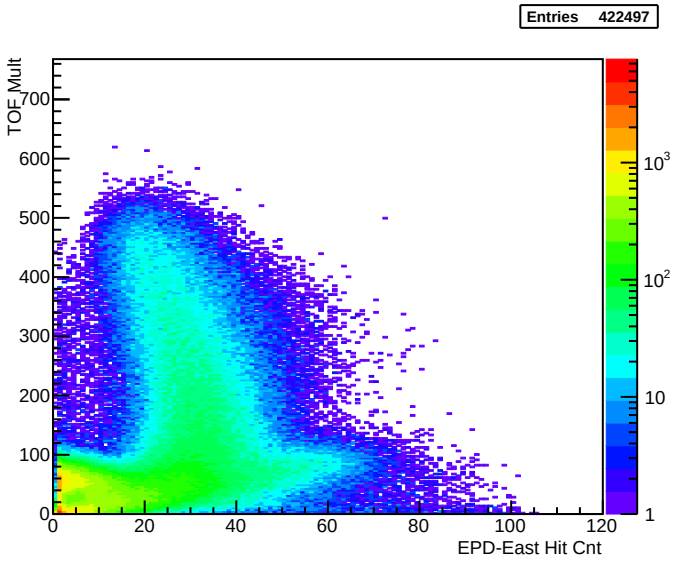

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

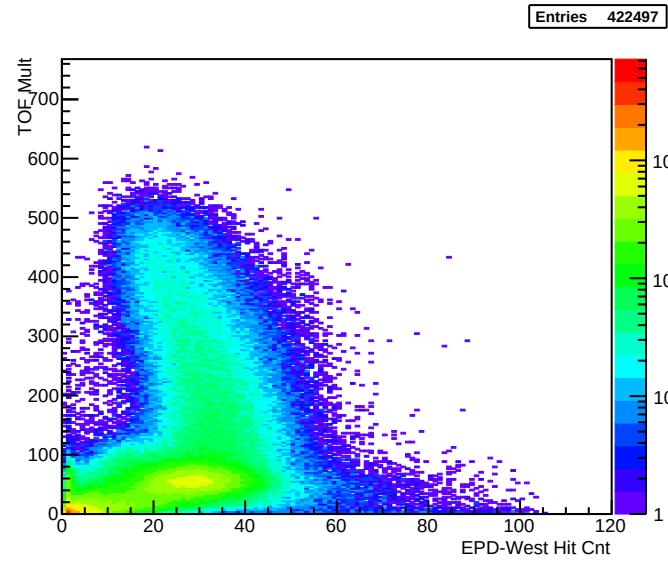

VT201 Input Ch4: VPD Adc Sum Th
Entries 844994
253161
340913
169336
75584
East
West

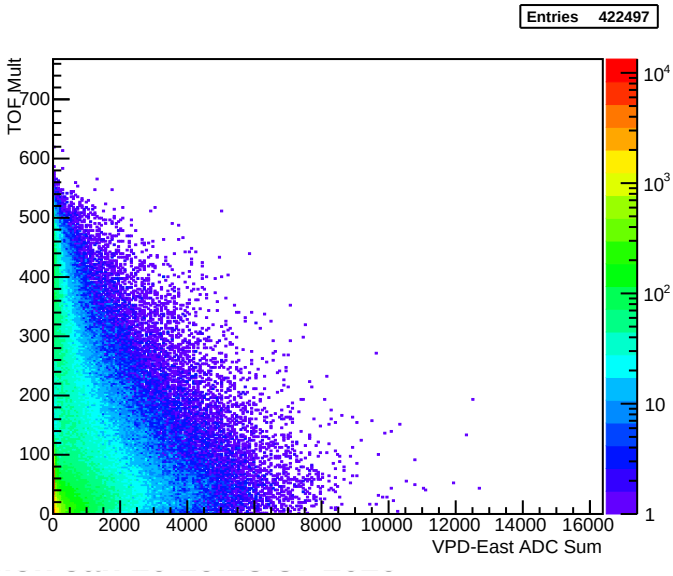

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

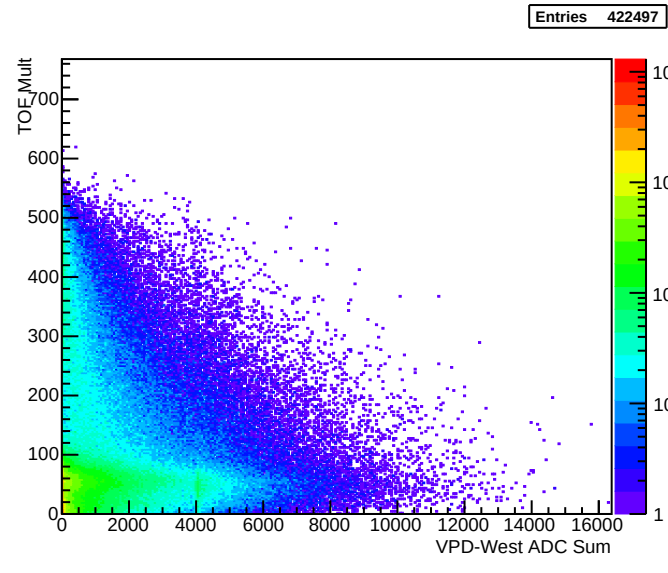

Entries 422497
TOF_Mult
BBC-S-East ADC Sum

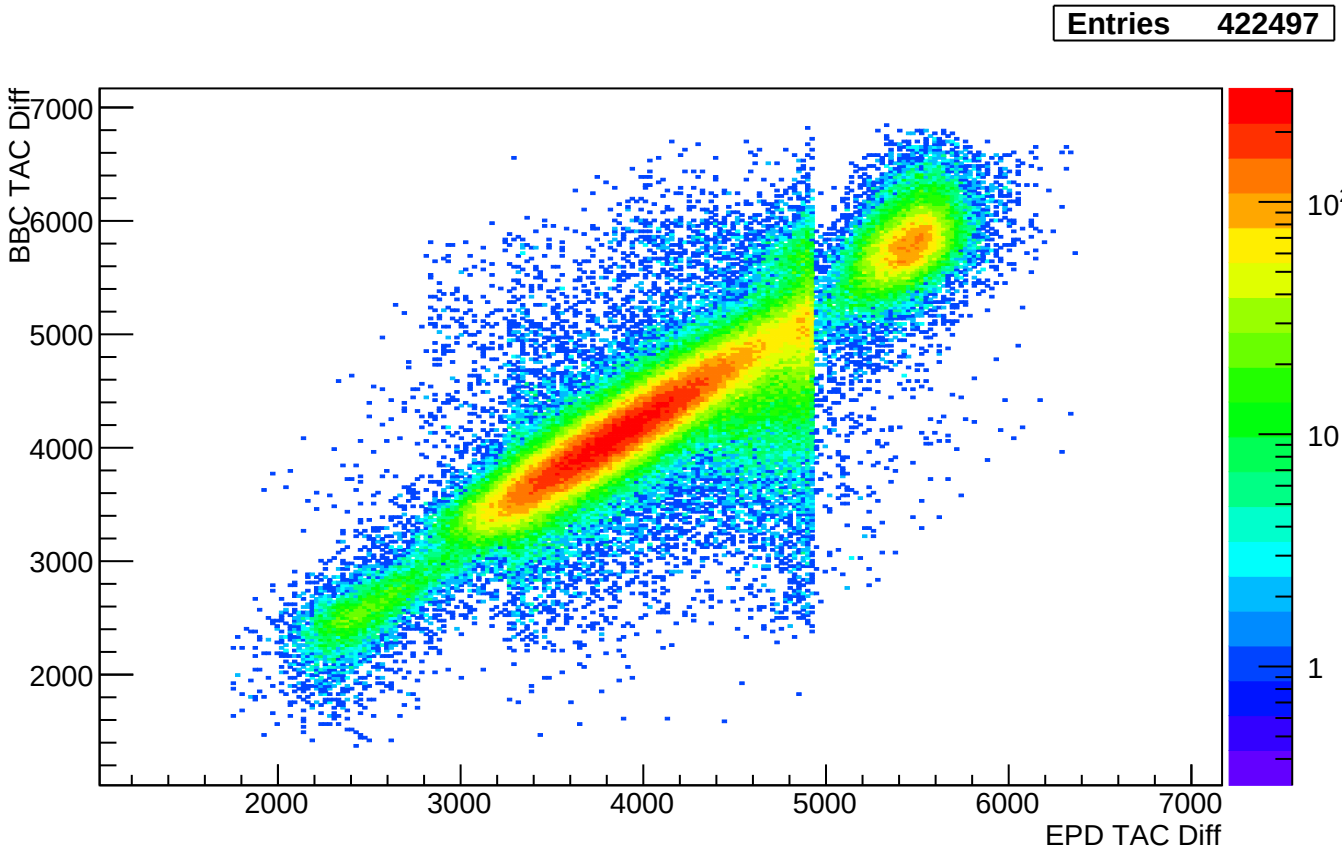

Entries 422497
TOF_Mult
BBC-S-West ADC Sum

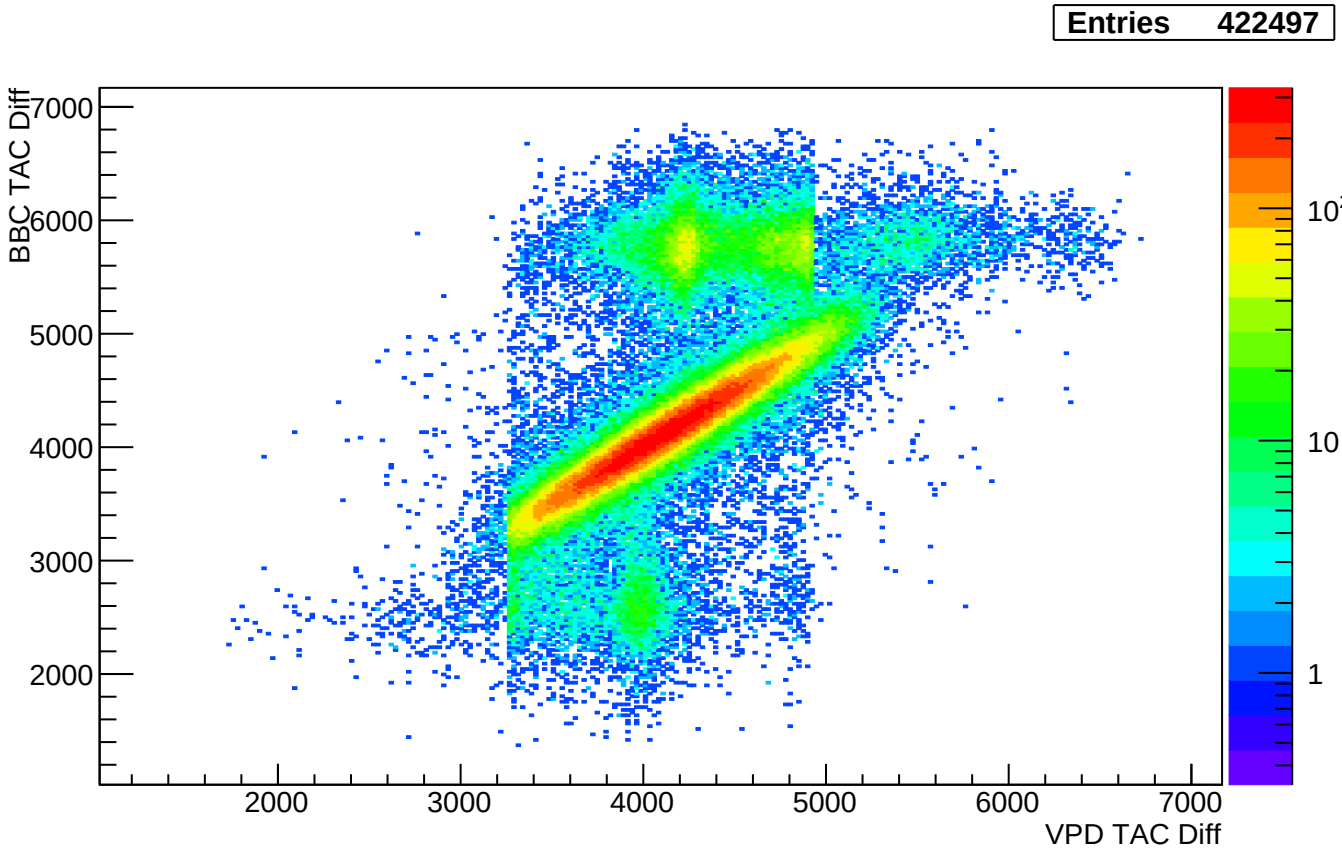

Entries 422497
TOF_Mult
EPD-East Hit Cnt

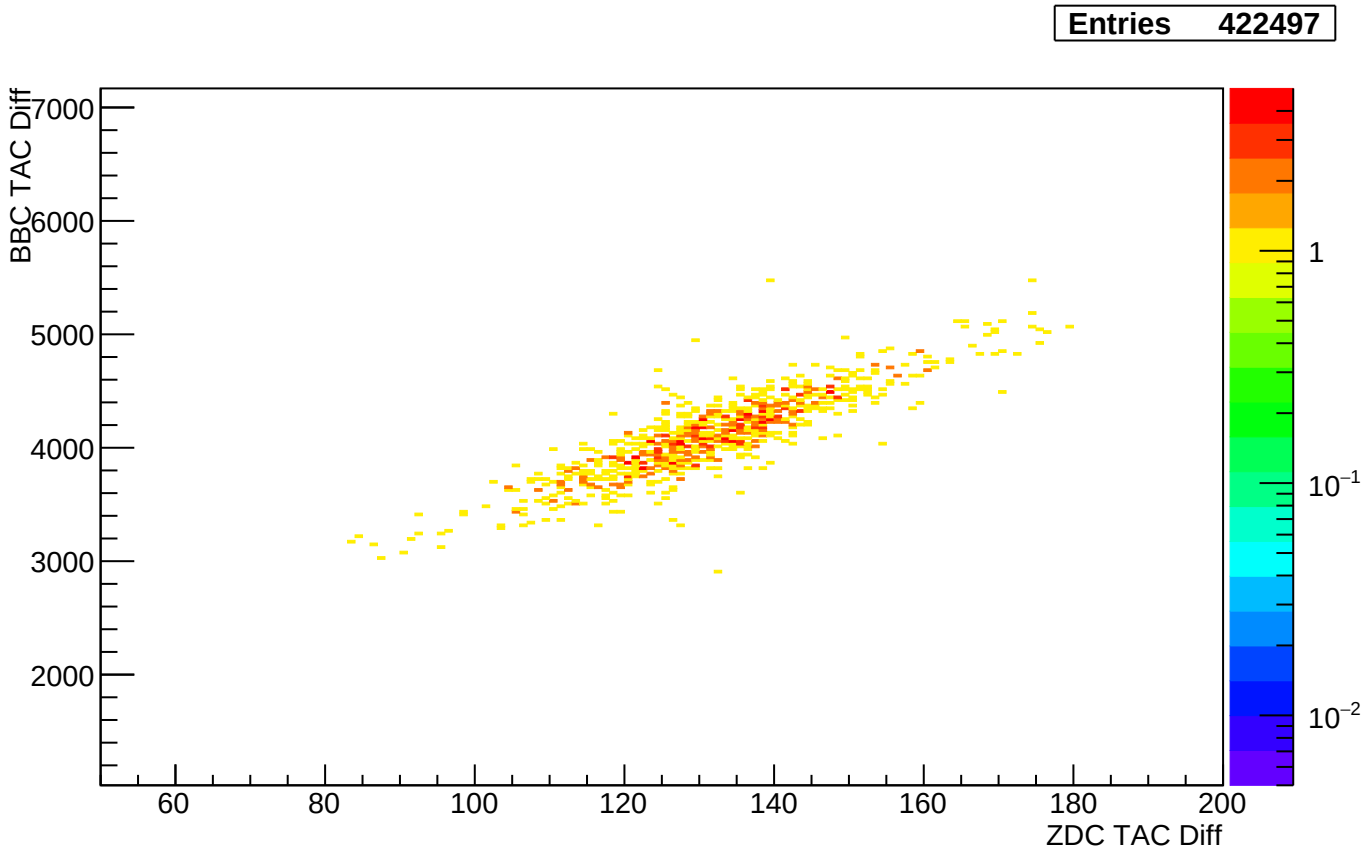

Entries 422497
TOF_Mult
EPD-West Hit Cnt

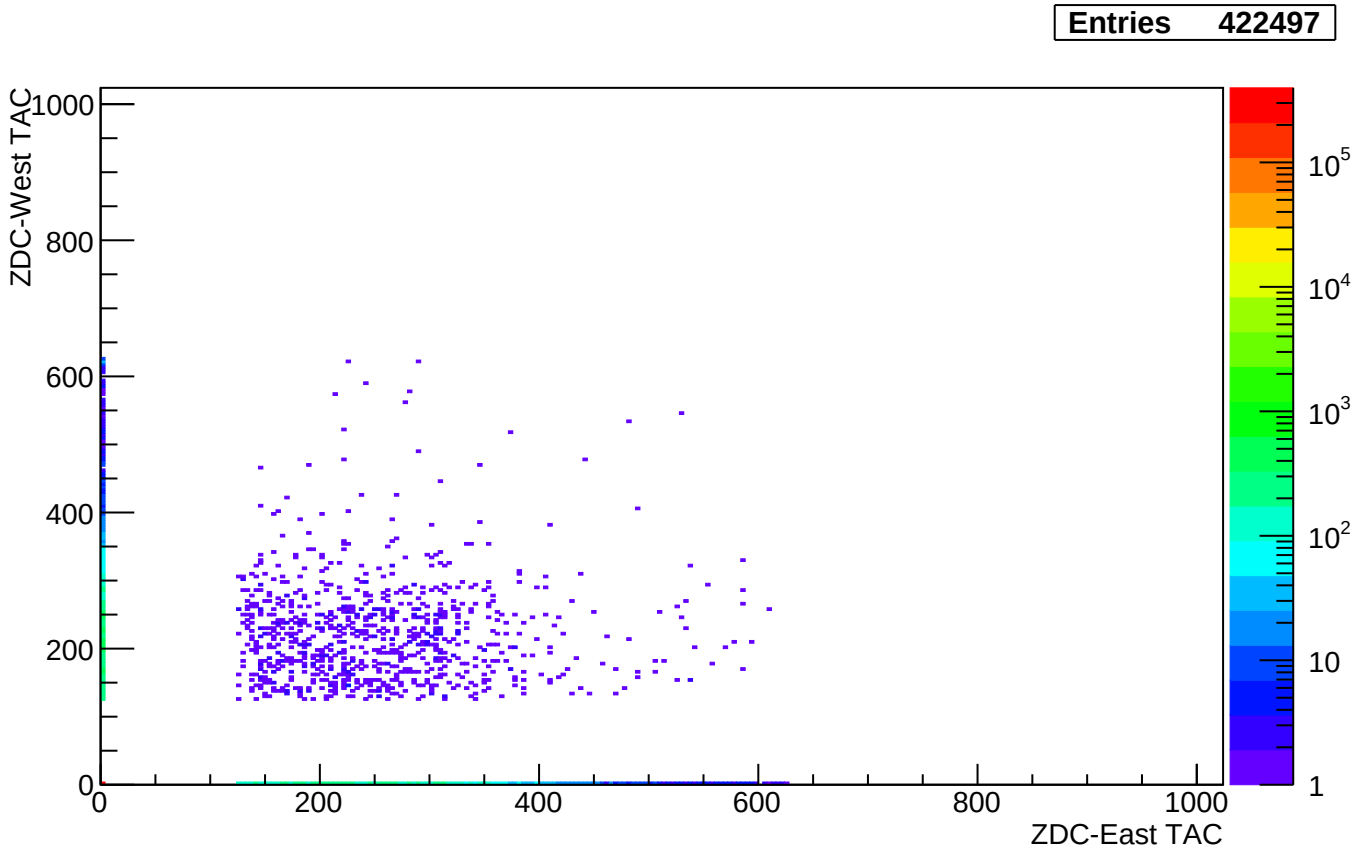

Entries 422497
TOF_Mult
VPD-East ADC Sum

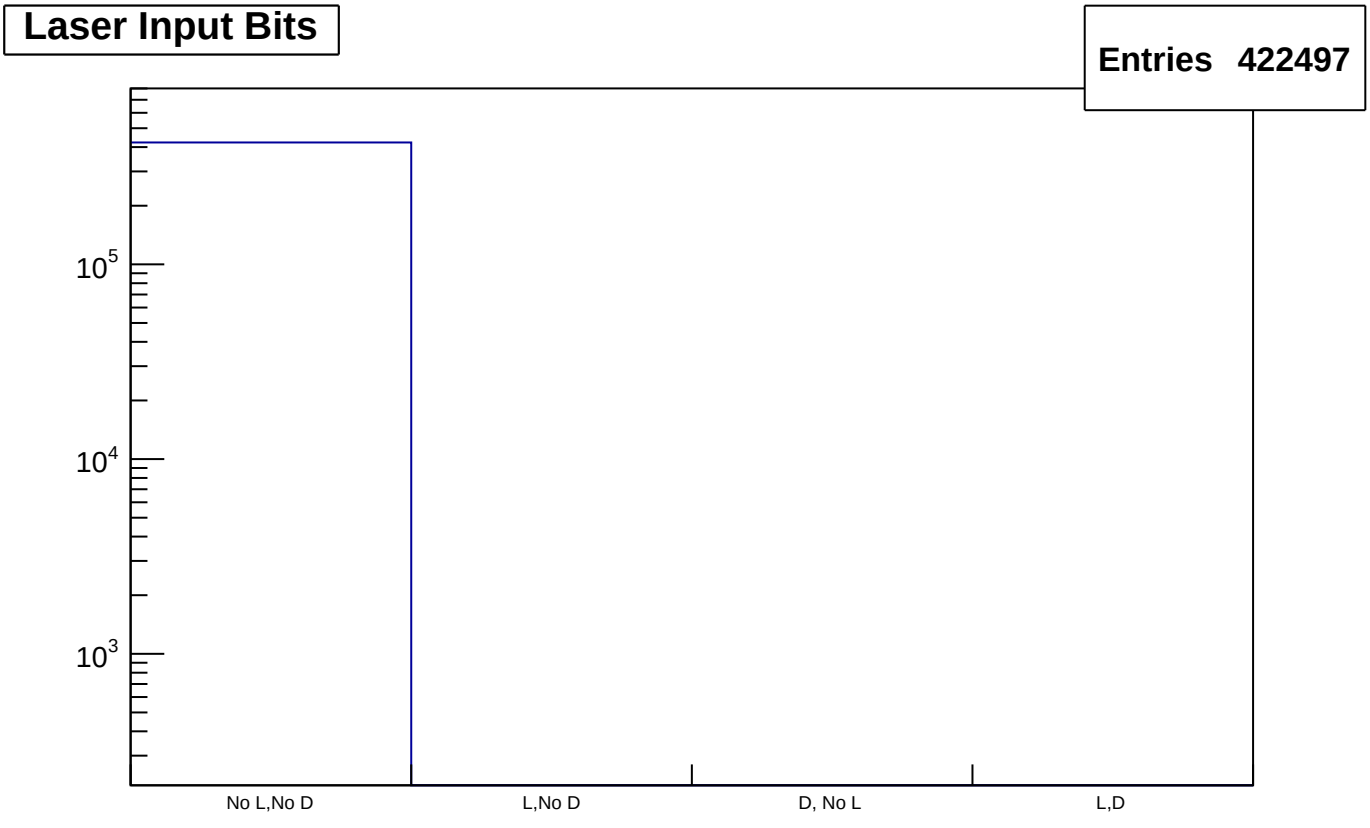

Entries 422497
TOF_Mult
VPD-West ADC Sum

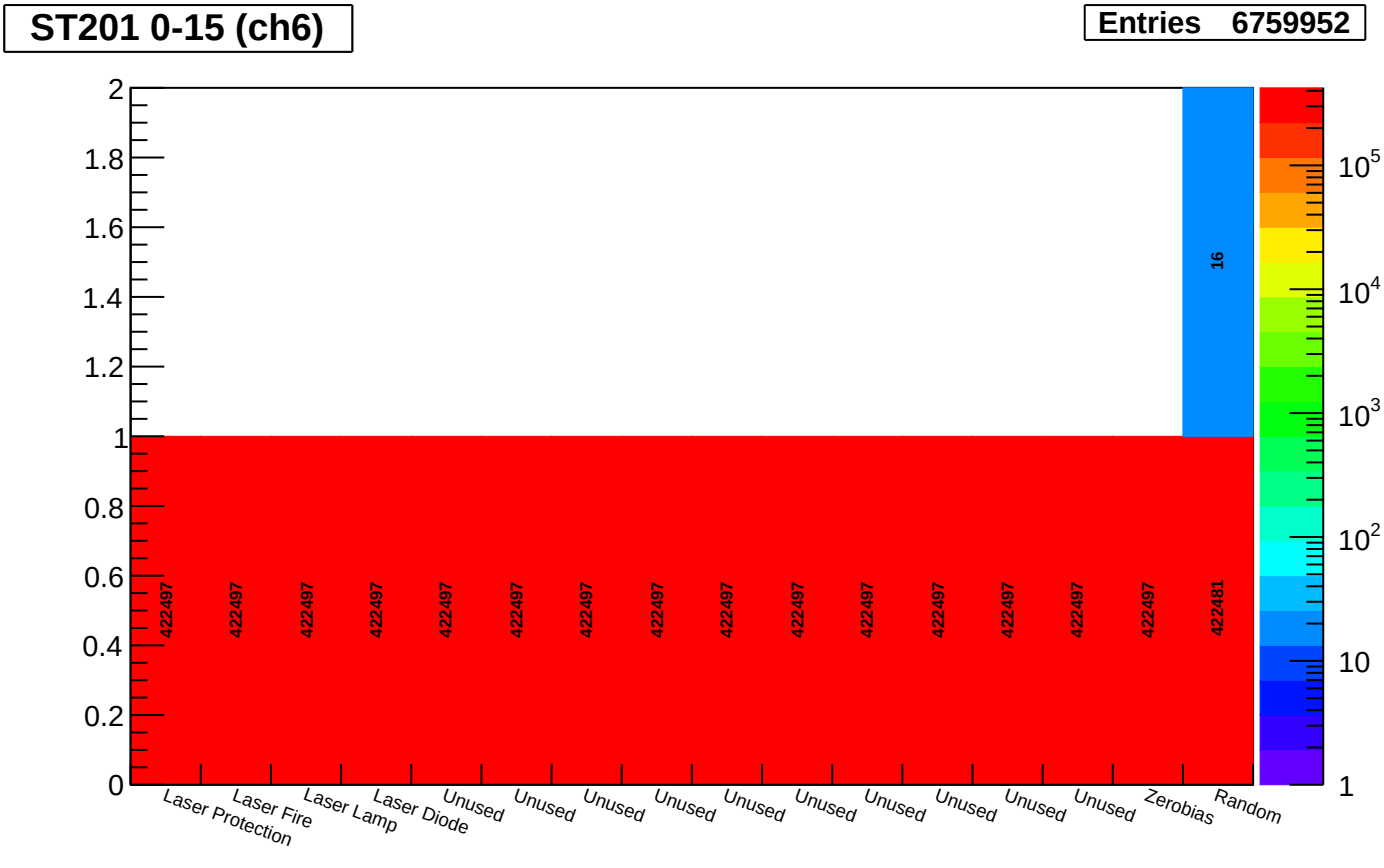

Entries 422497
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

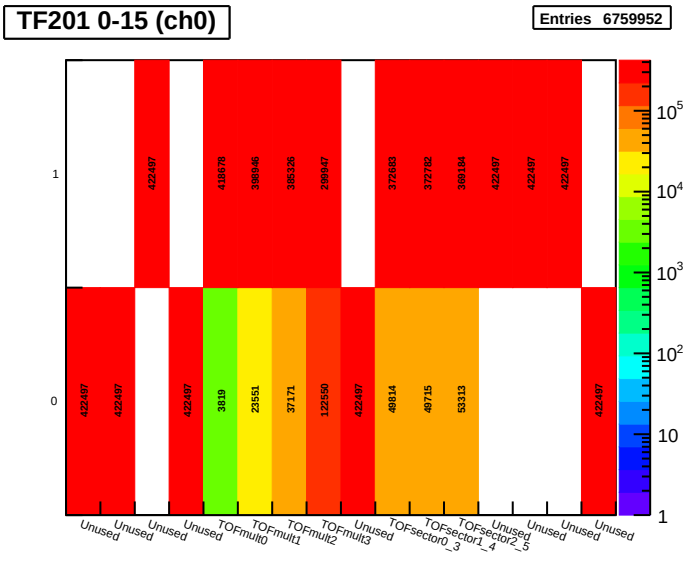

Entries 422497
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

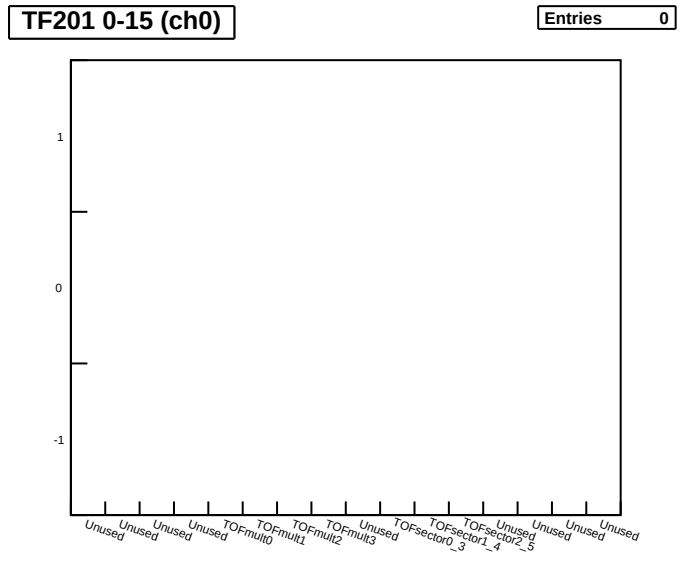

Entries 422497
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

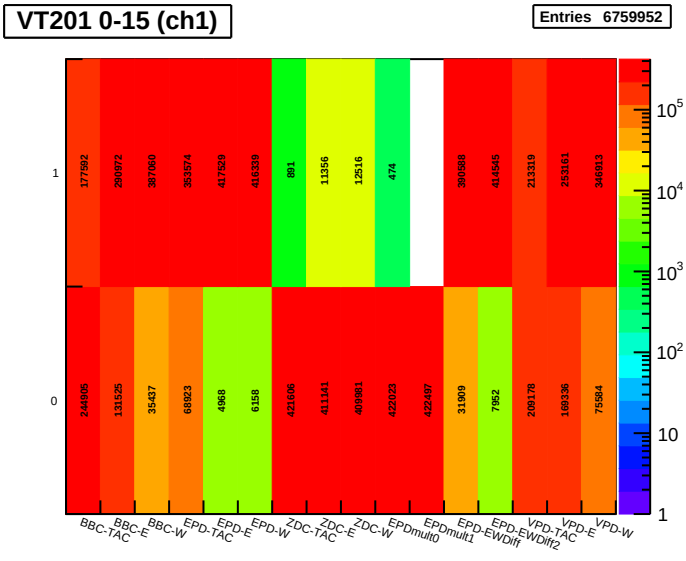

Entries 422497
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

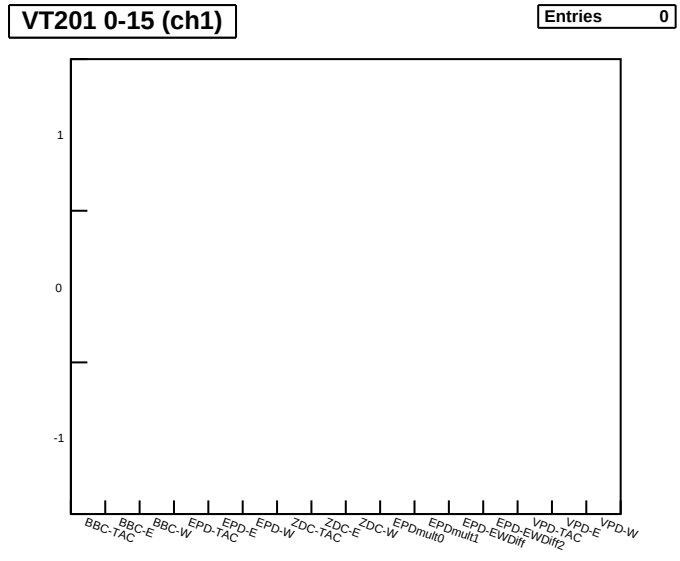

Laser Input Bits
Entries 422497
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

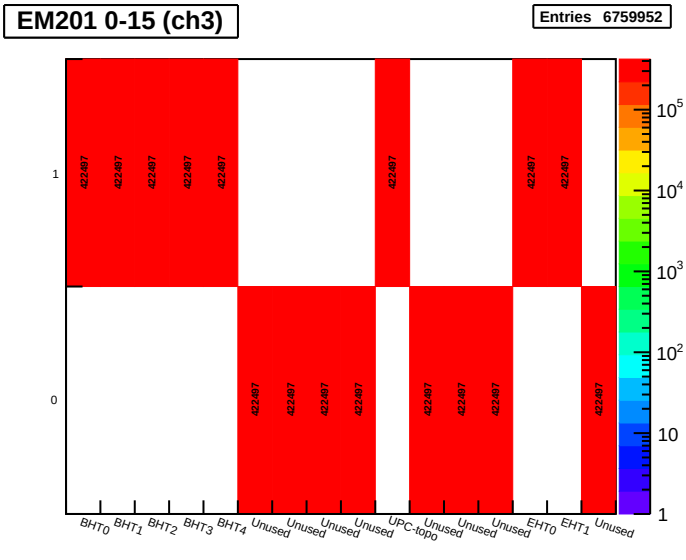

ST201 0-15 (ch6)
Entries 6759952
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
422497
422481
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

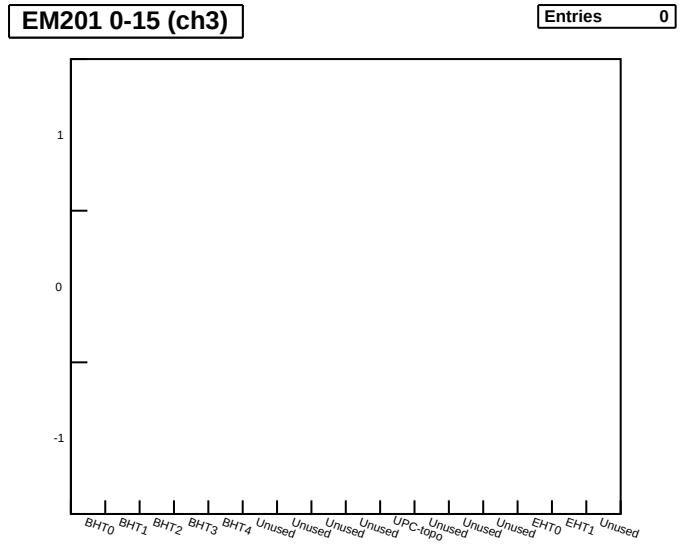

TF201 0-15 (ch0)
Entries 6759952
1
0
422497
416678
398946
385326
299947
372583
372782
369184
422497
422497
422497
422497
422497
3819
23551
37171
122550
422497
49814
49715
53313
422497
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 6759952
1
0
177592
290972
387060
353574
417529
416339
891
11356
12516
474
390588
414545
213319
253161
346913
244905
131525
35437
68923
4968
6158
421606
411141
409881
422023
422497
31909
7952
206178
168336
75584
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 6759952
1
0
422497
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