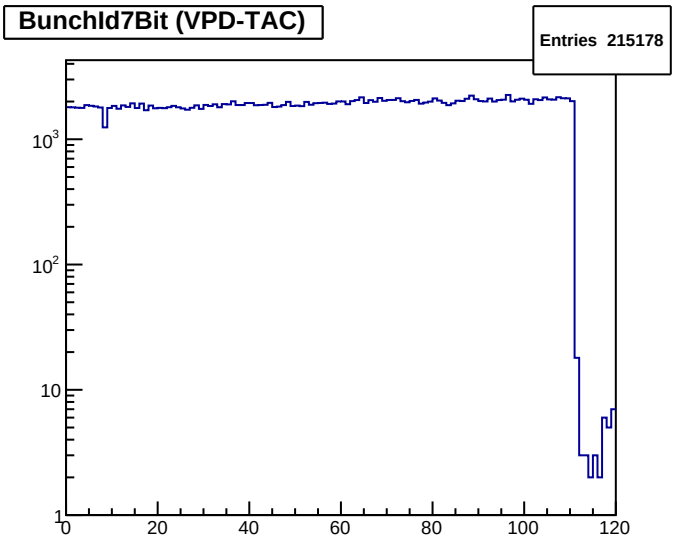
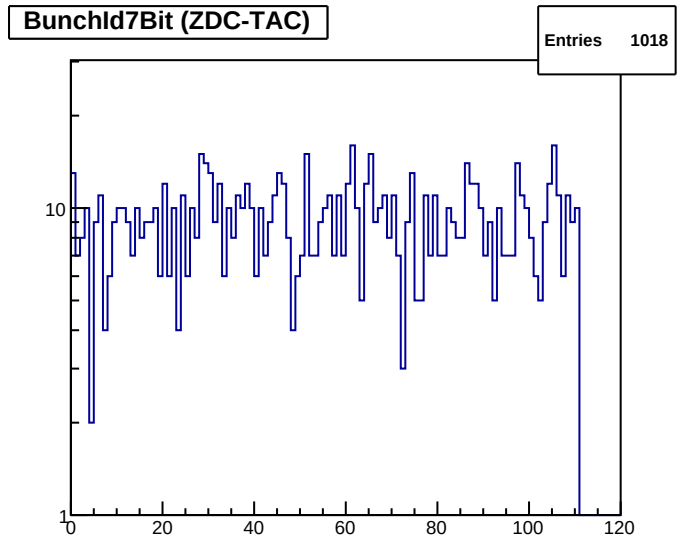
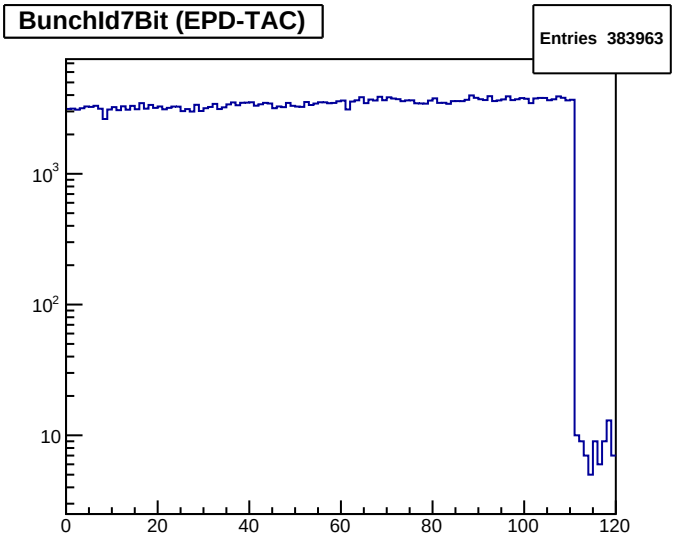
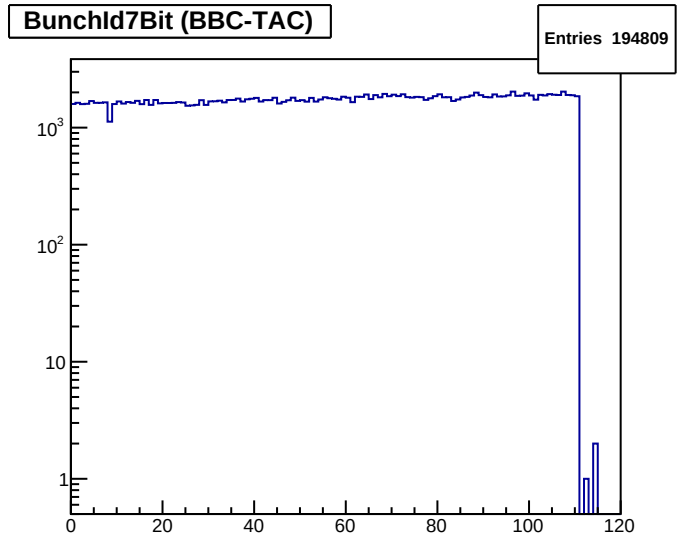
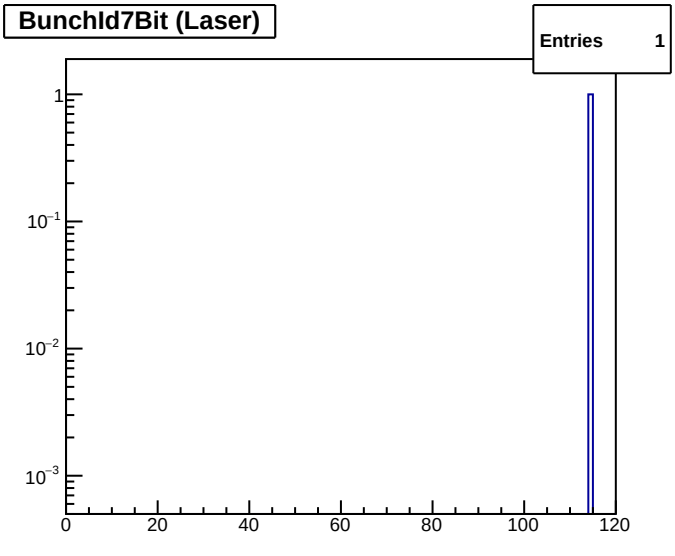
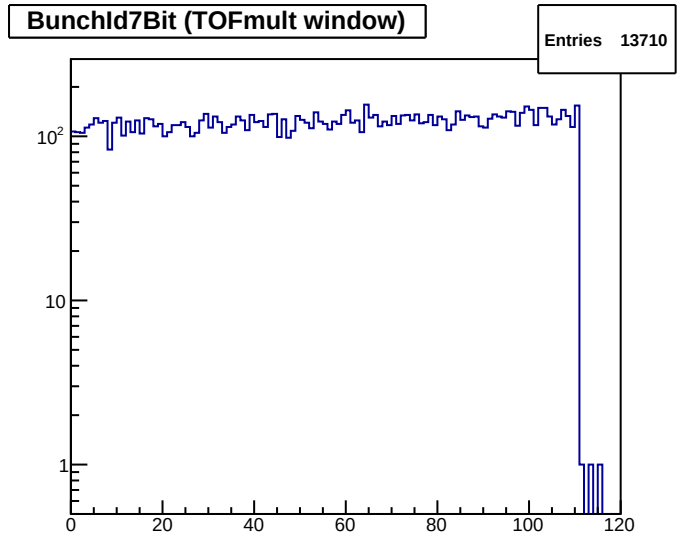

BunchId7Bit (VPD-TAC)
Entries 215178

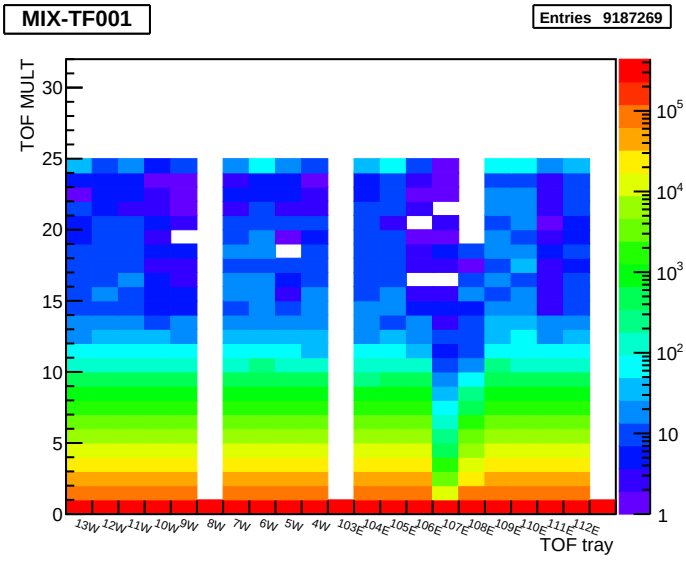

BunchId7Bit (ZDC-TAC)
Entries 1018

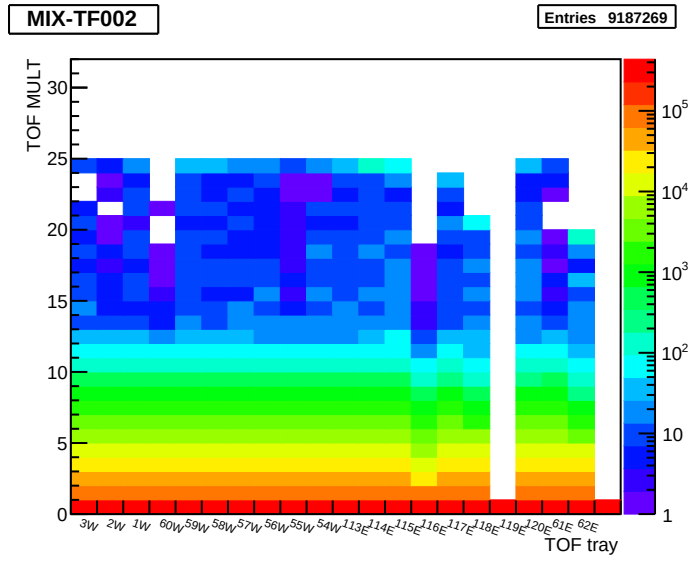

BunchId7Bit (EPD-TAC)
Entries 383963

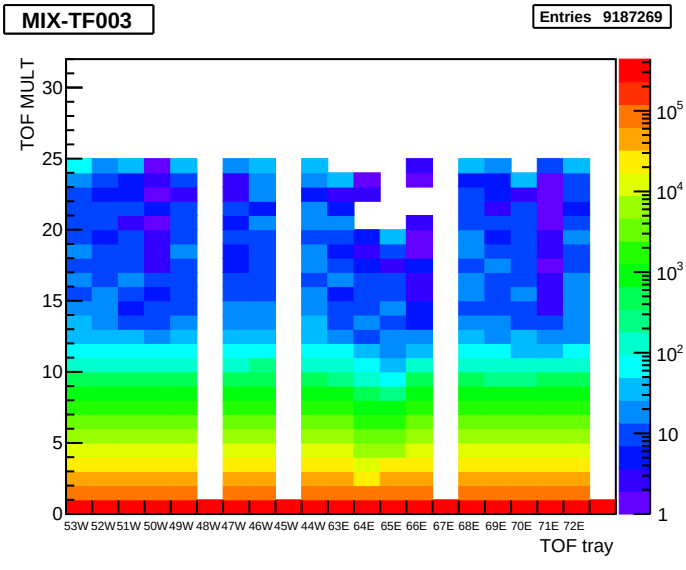

BunchId7Bit (BBC-TAC)
Entries 194809

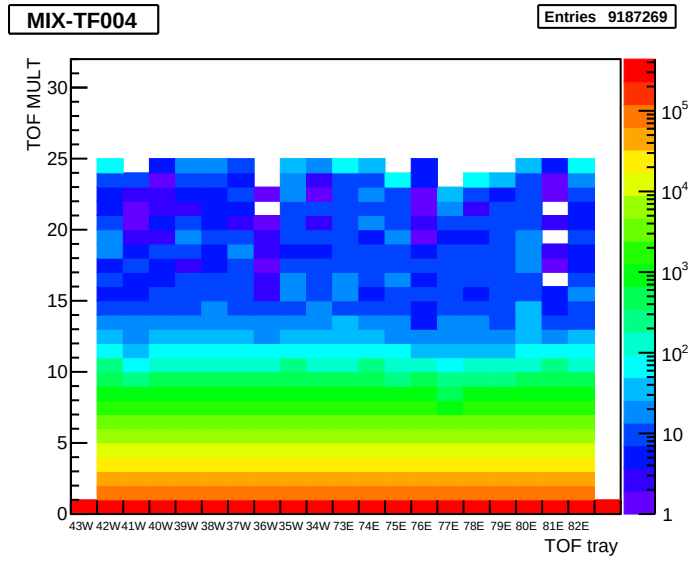

BunchId7Bit (Laser)
Entries 1

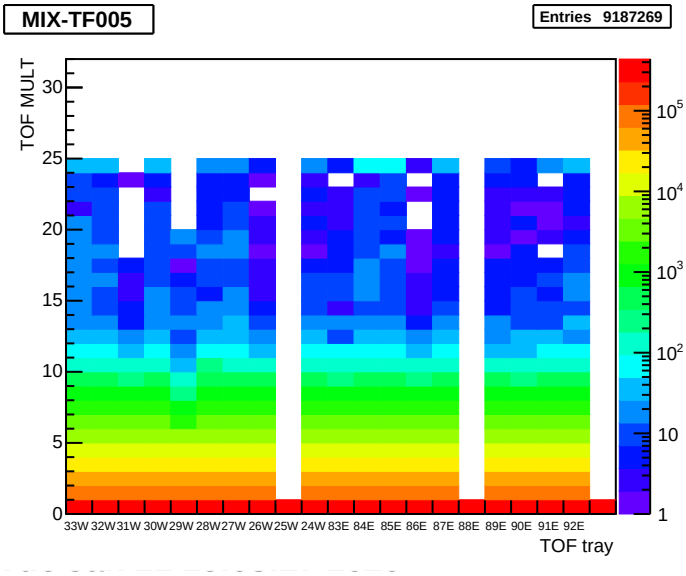

BunchId7Bit (TOFmult window)
Entries 13710

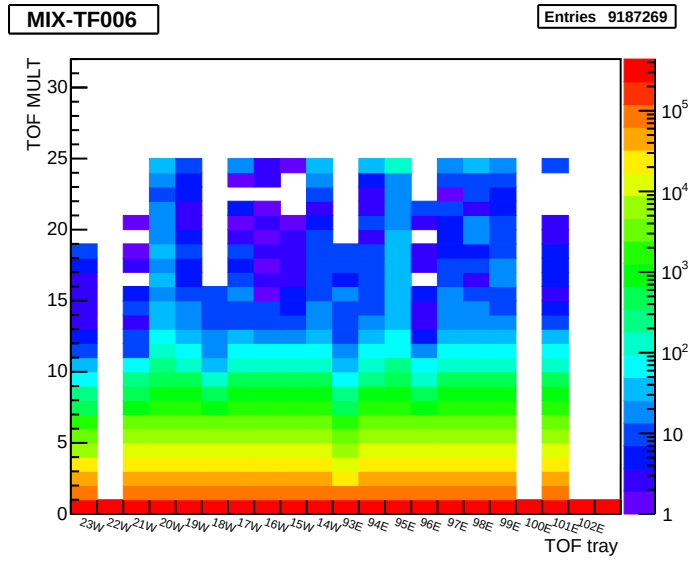

MIX-TF001
Entries 9187269
TOF MULT
TOF tray

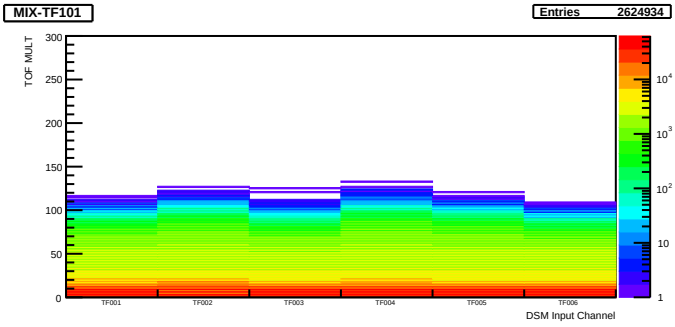

MIX-TF002
Entries 9187269
TOF MULT
TOF tray

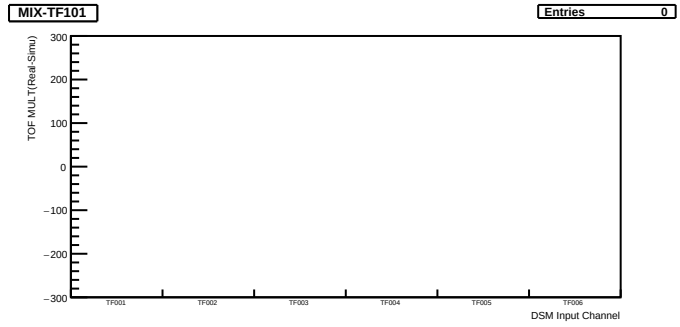

MIX-TF003
Entries 9187269
TOF MULT
TOF tray

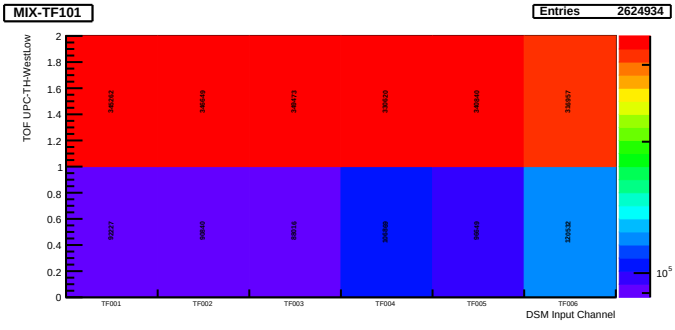

MIX-TF004
Entries 9187269
TOF MULT
TOF tray

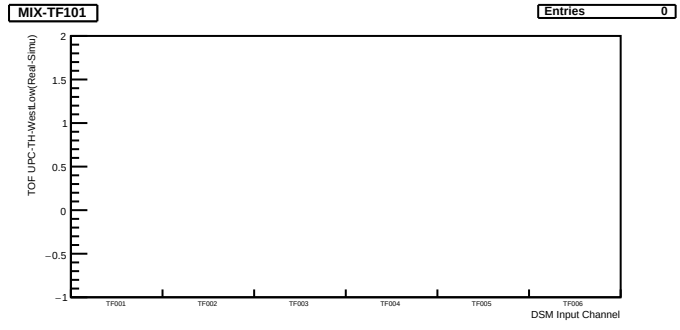

MIX-TF005
Entries 9187269
TOF MULT
TOF tray

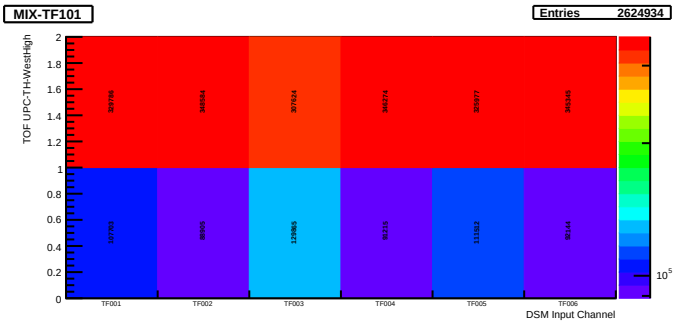

MIX-TF006
Entries 9187269
TOF MULT
TOF tray

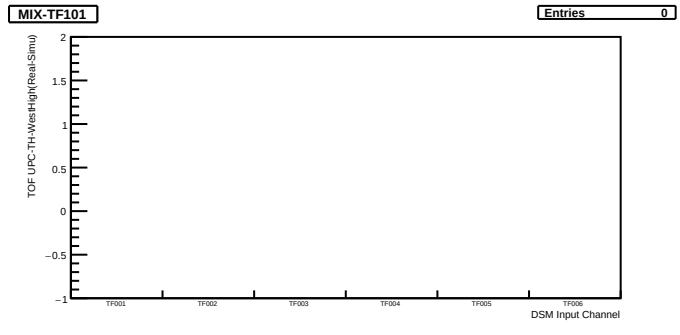

MIX-TF101
Entries 2624934
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

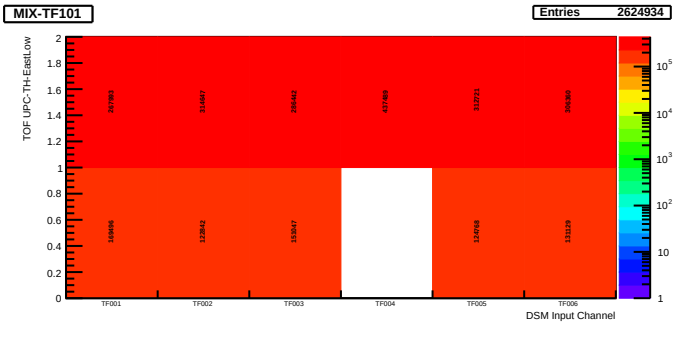

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

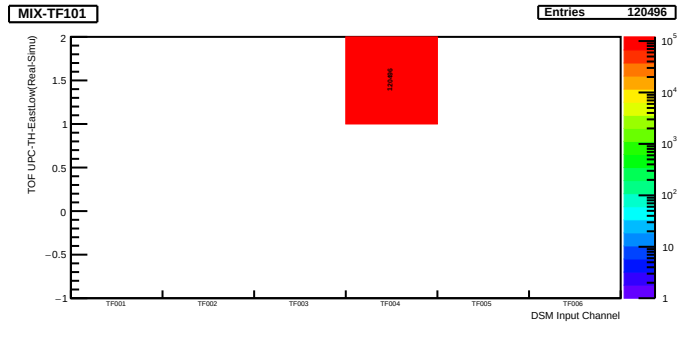

MIX-TF101
Entries 2624934
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

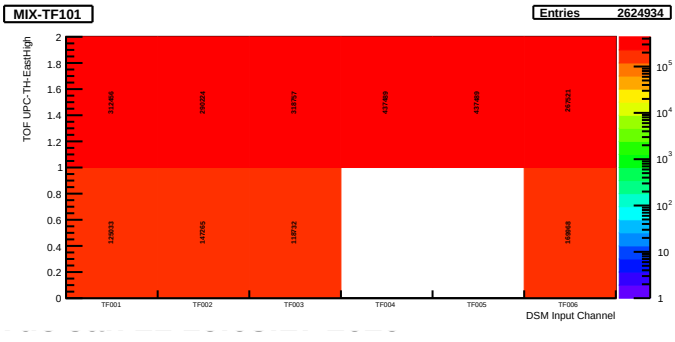

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

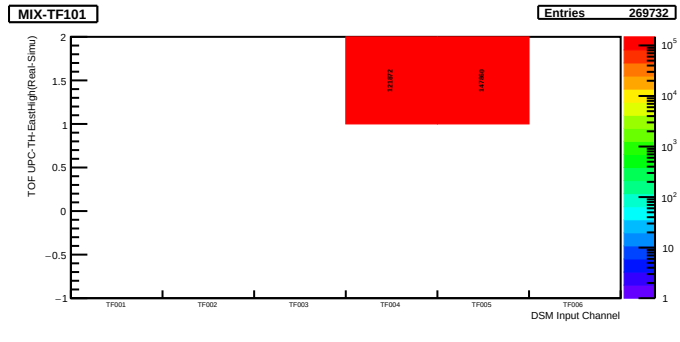

MIX-TF101
Entries 2624934
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

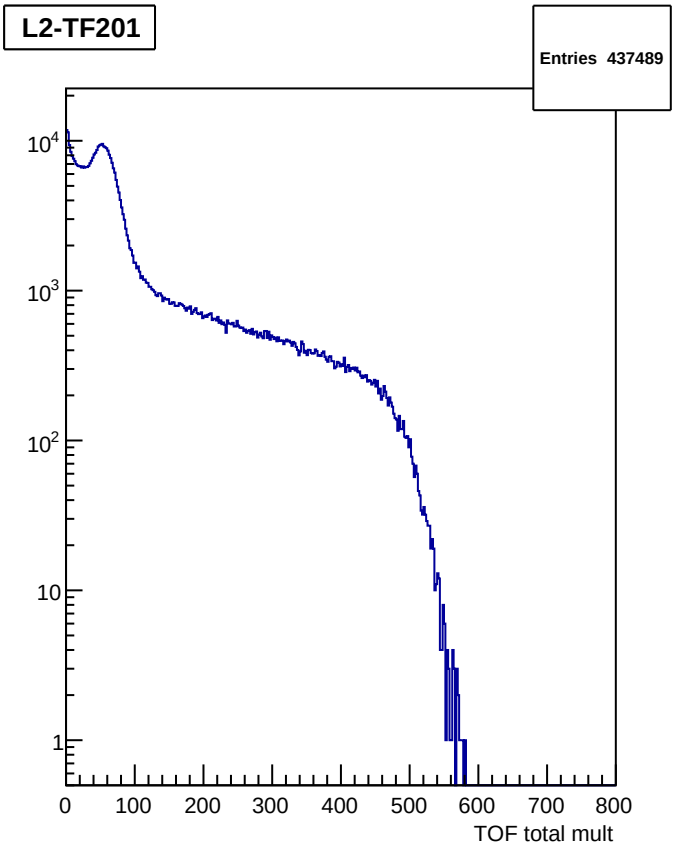

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

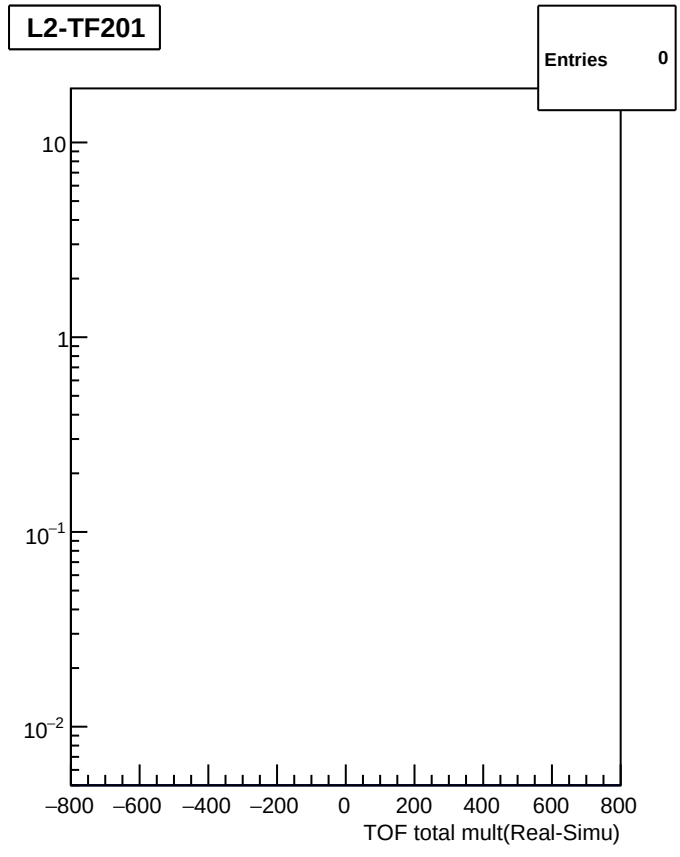

MIX-TF101
Entries 2624934
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

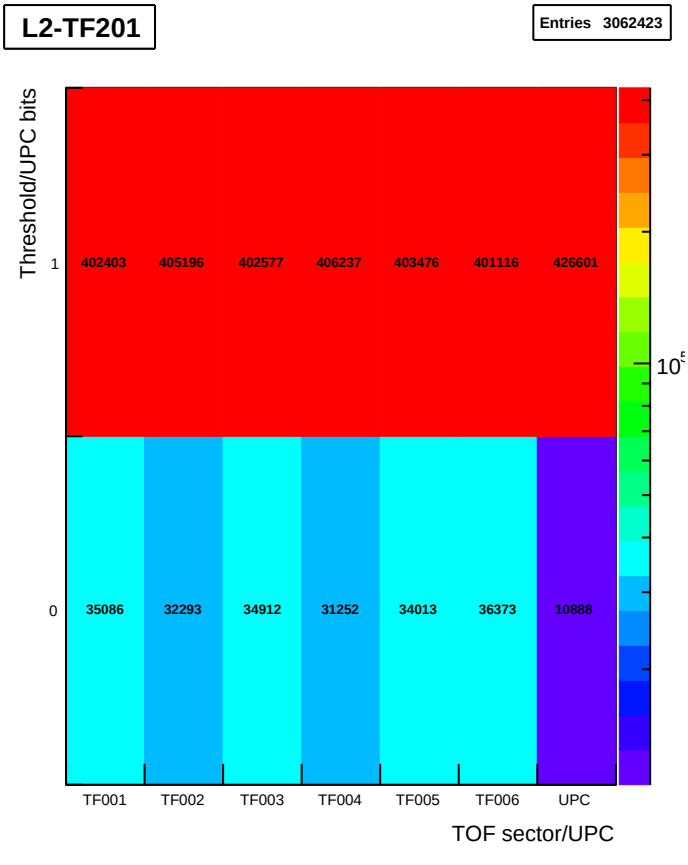

MIX-TF101
Entries 120496
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

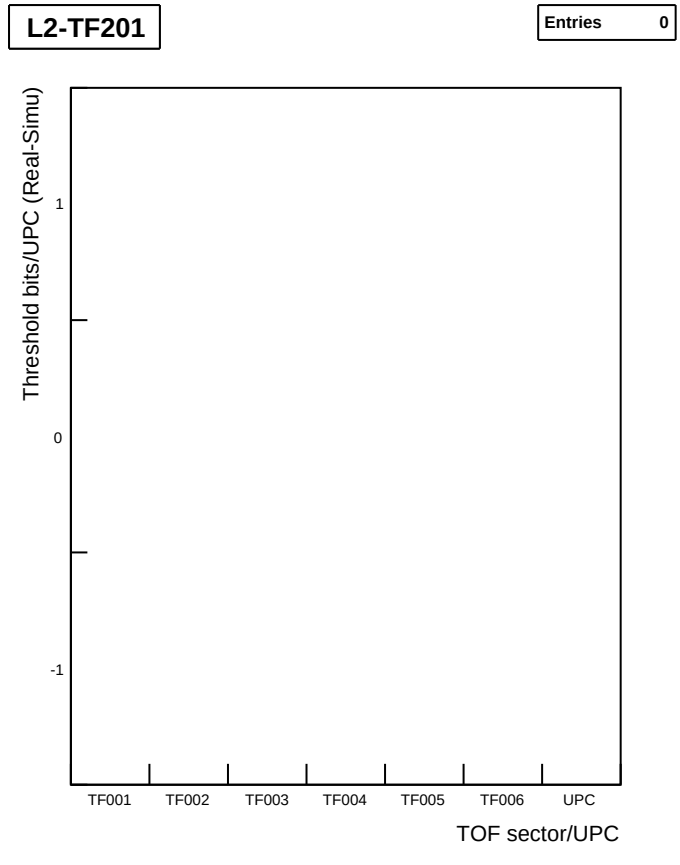

MIX-TF101
Entries 2624934
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

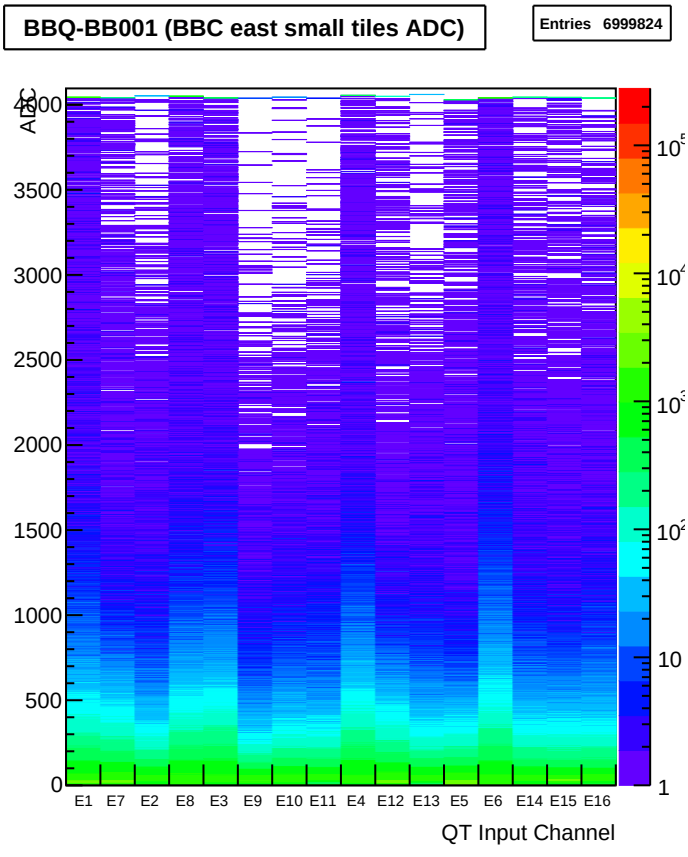

MIX-TF101
Entries 269732
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

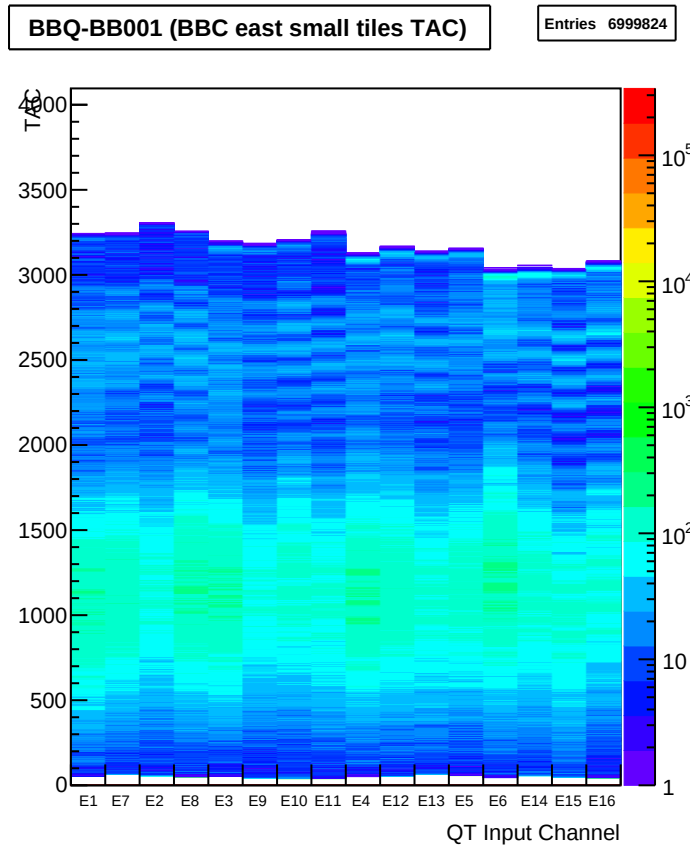

L2-TF201
Entries 437489
TOF total mult

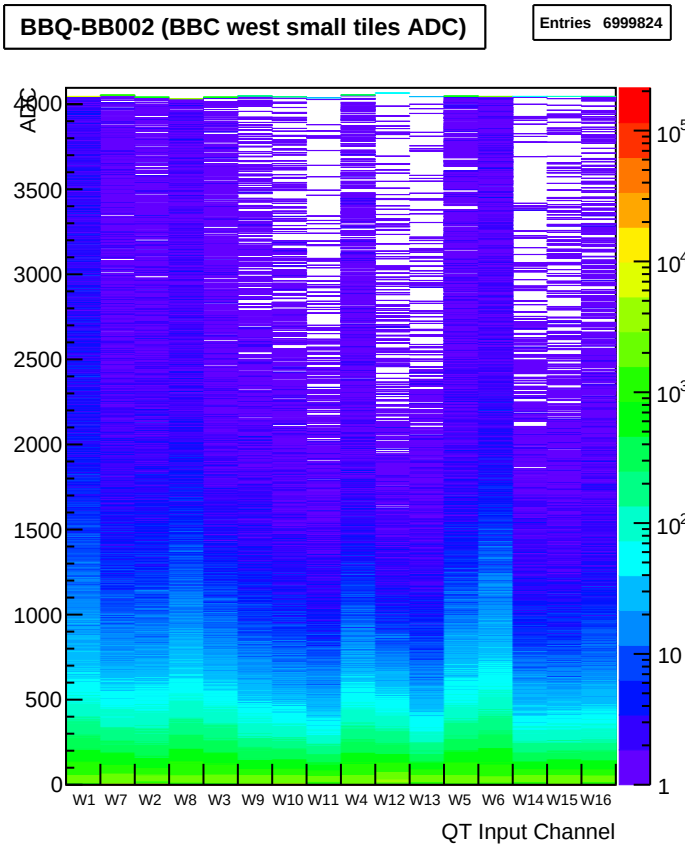

L2-TF201
Entries 0
TOF total mult(Real-Simu)

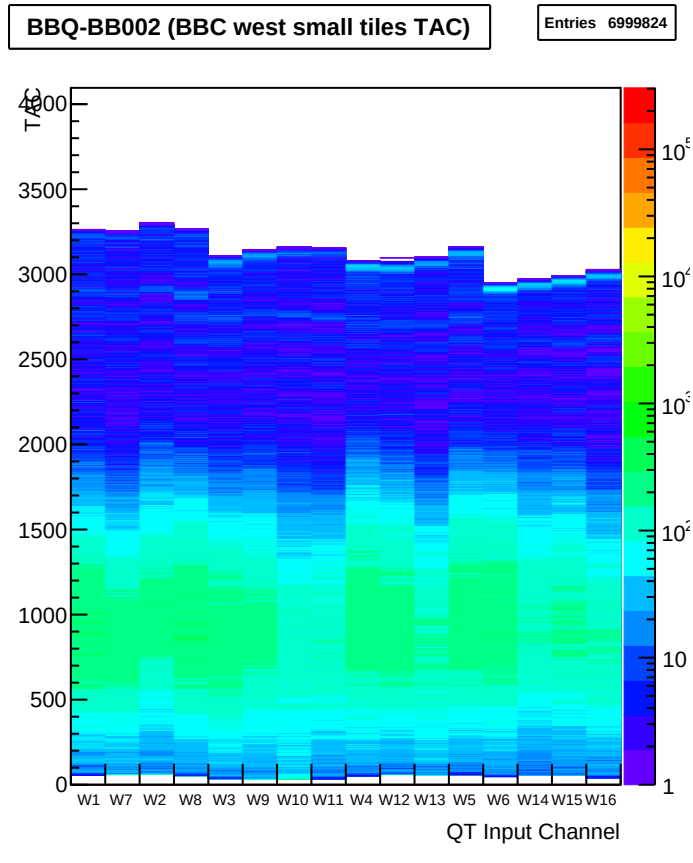

L2-TF201
Entries 3062423
Threshold/UPC bits
402403
405196
402577
406237
403476
401116
426601
35086
32293
34912
31252
34013
36373
10888
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

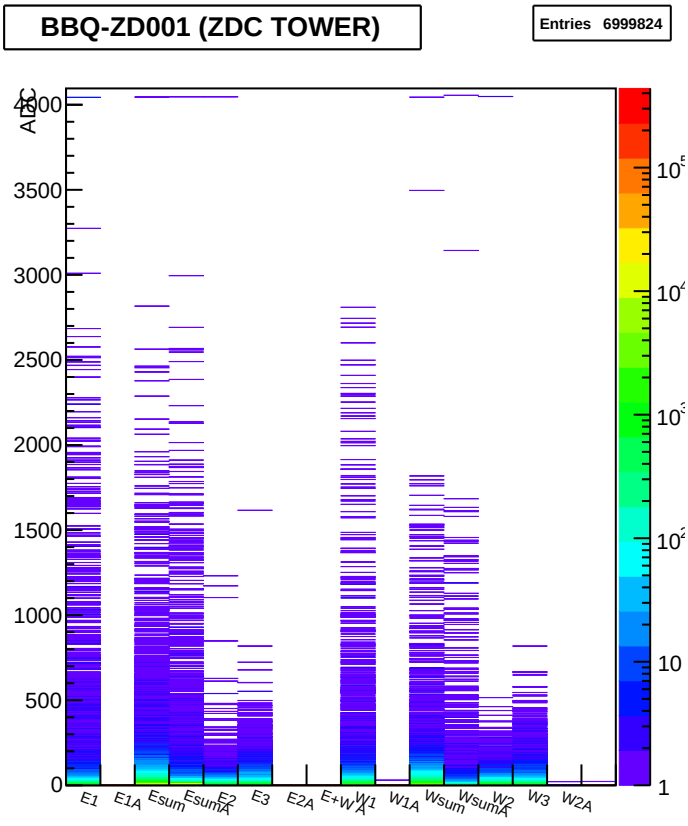

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

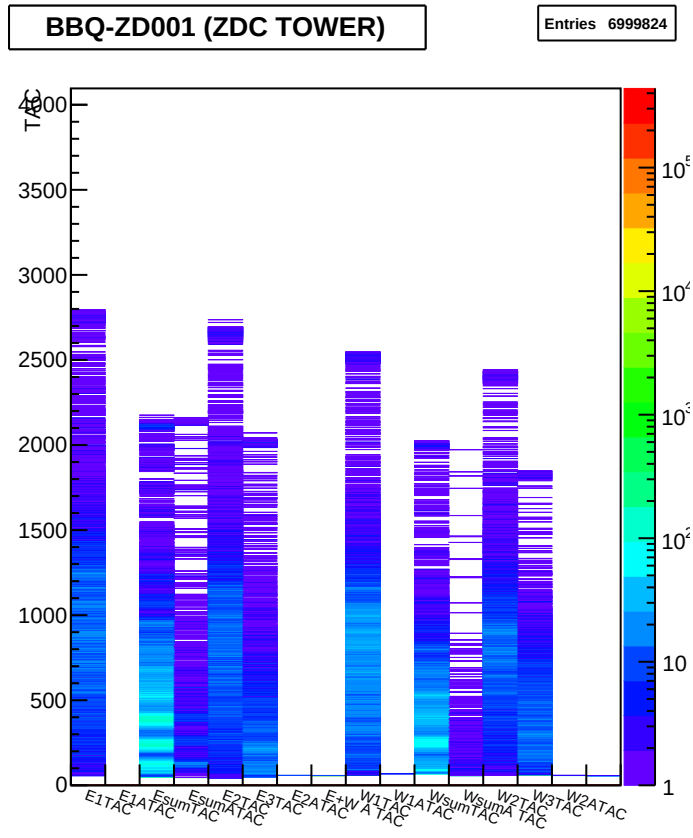

BBQ-BB001 (BBC east small tiles ADC)
Entries 6999824
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

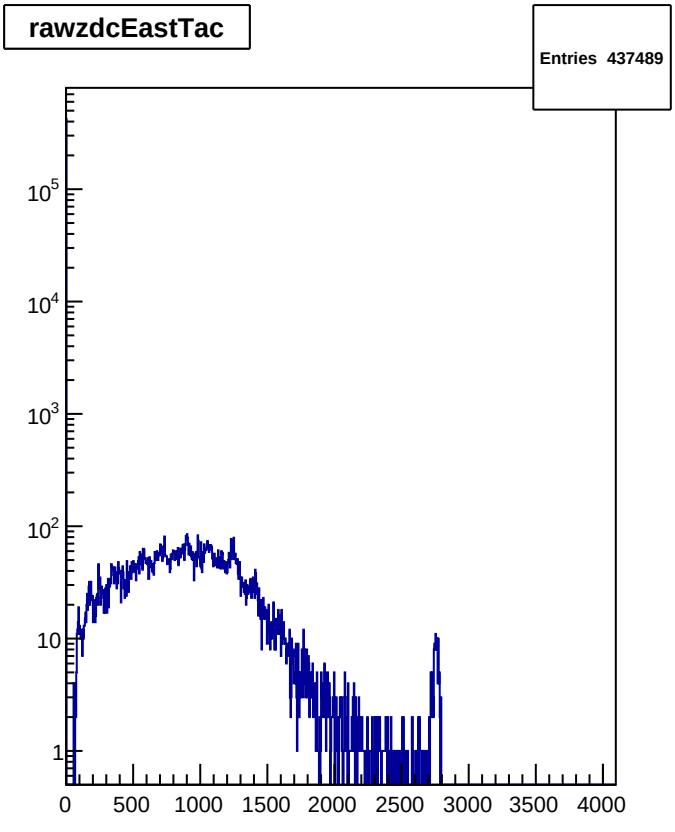

BBQ-BB001 (BBC east small tiles TAC)
Entries 6999824
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

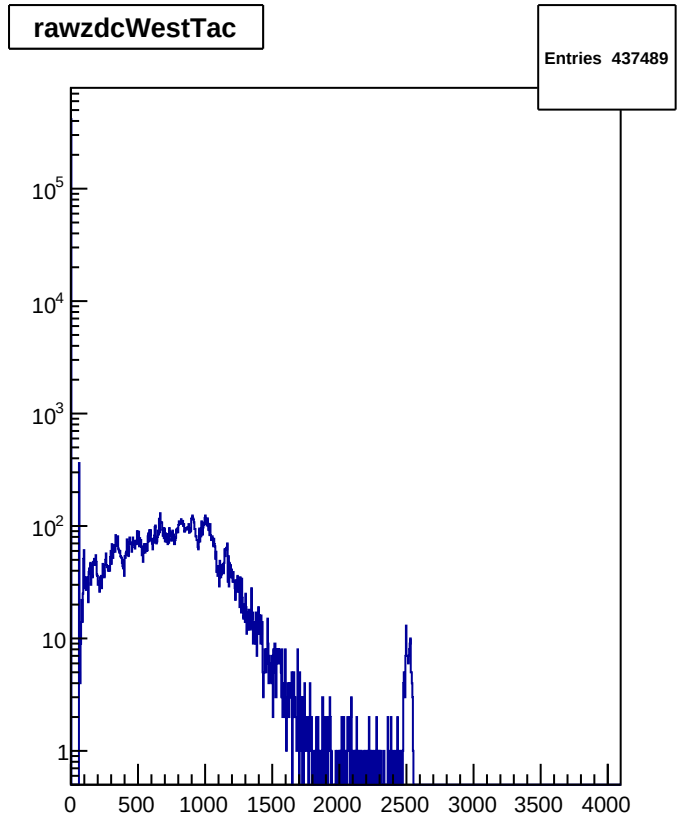

BBQ-BB002 (BBC west small tiles ADC)
Entries 6999824
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

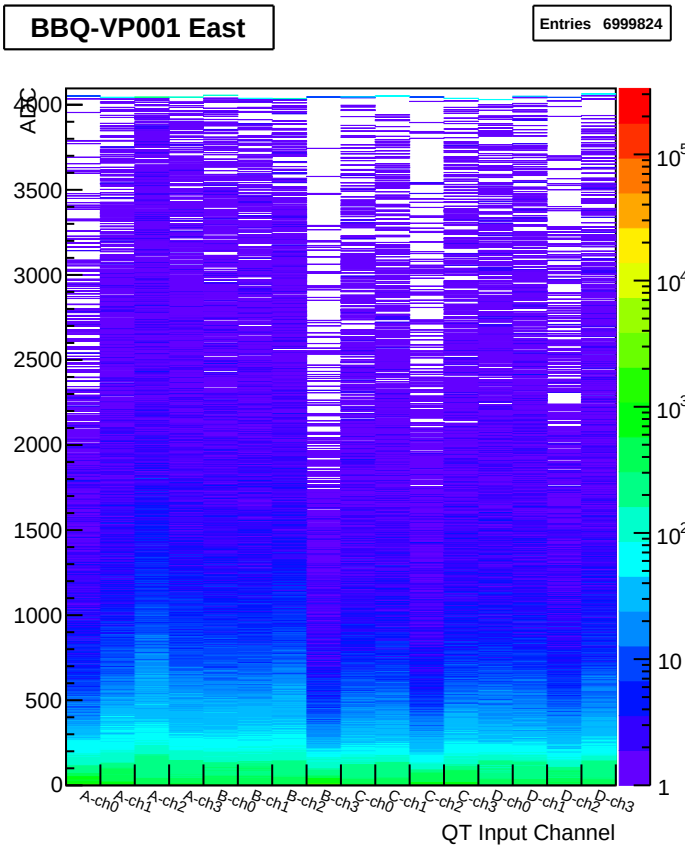

BBQ-BB002 (BBC west small tiles TAC)
Entries 6999824
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

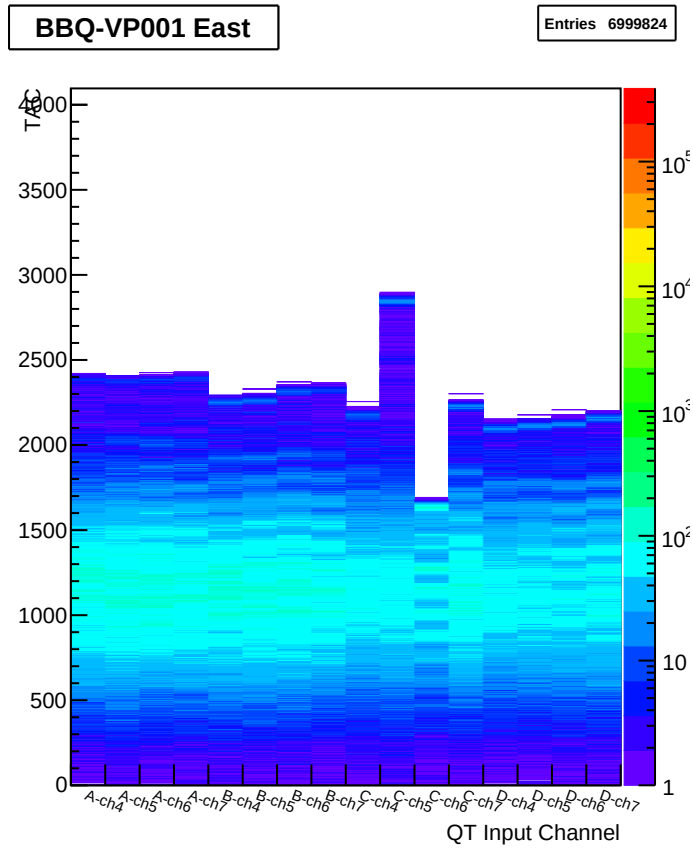

BBQ-ZD001 (ZDC TOWER)
Entries 6999824
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

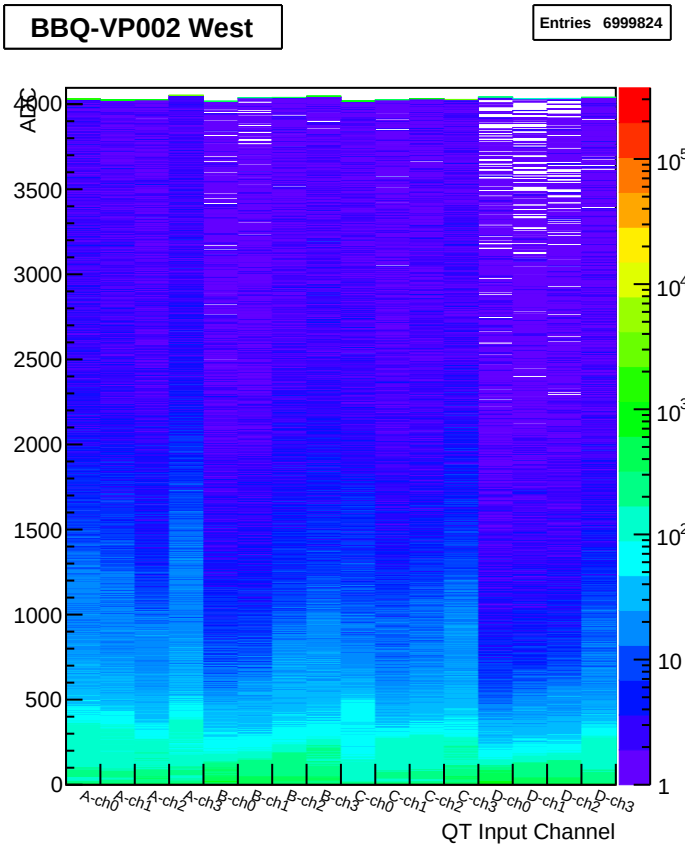

BBQ-ZD001 (ZDC TOWER)
Entries 6999824
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

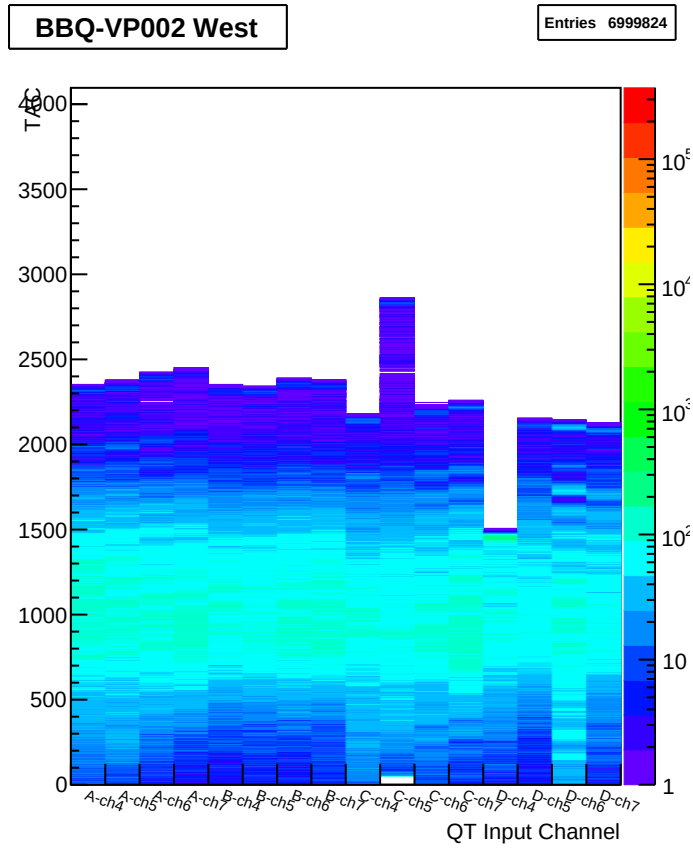

rawzdcEastTac
Entries 437489

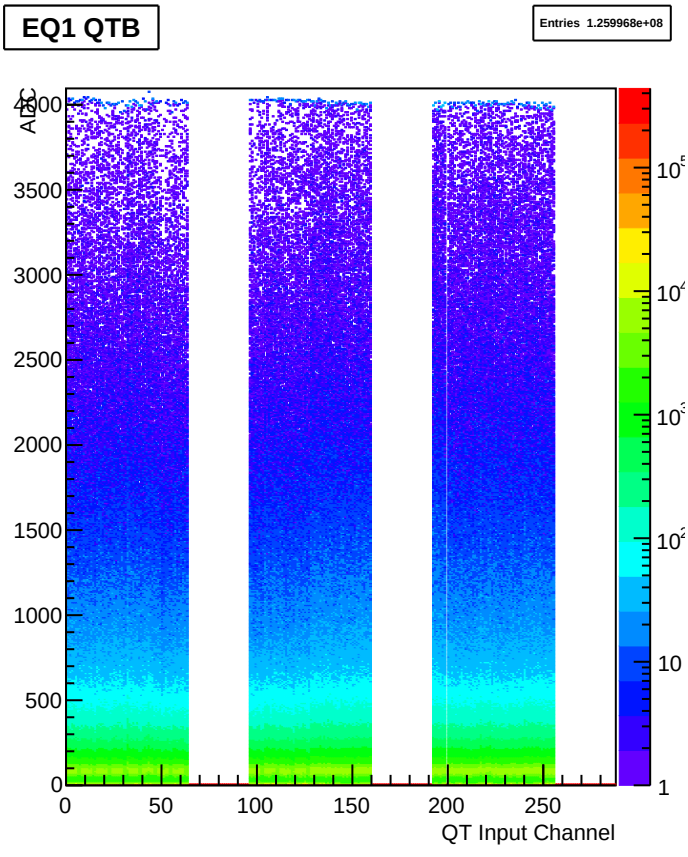

rawzdcWestTac
Entries 437489

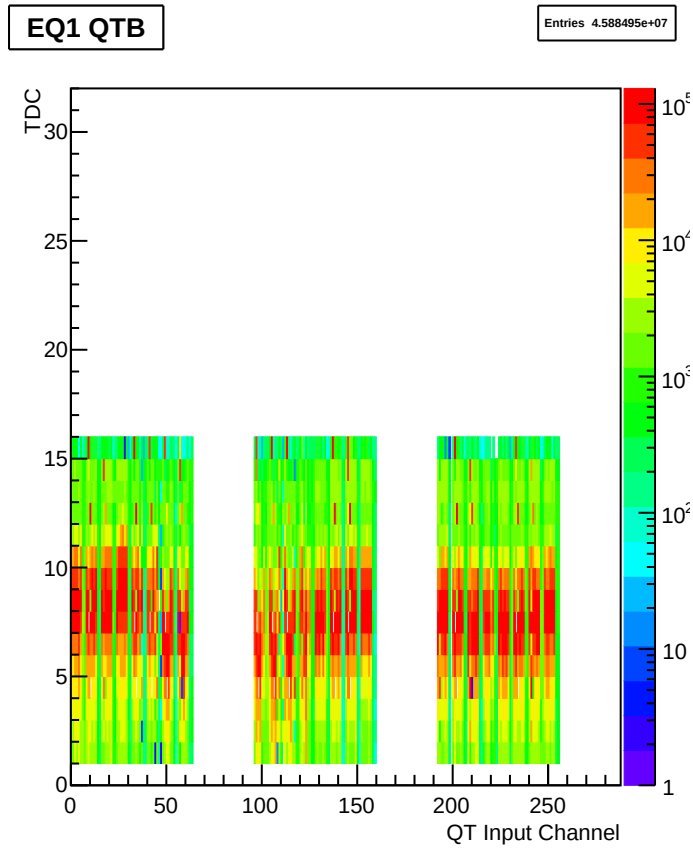

BBQ-VP001 East
Entries 6999824
ADC
QT Input Channel

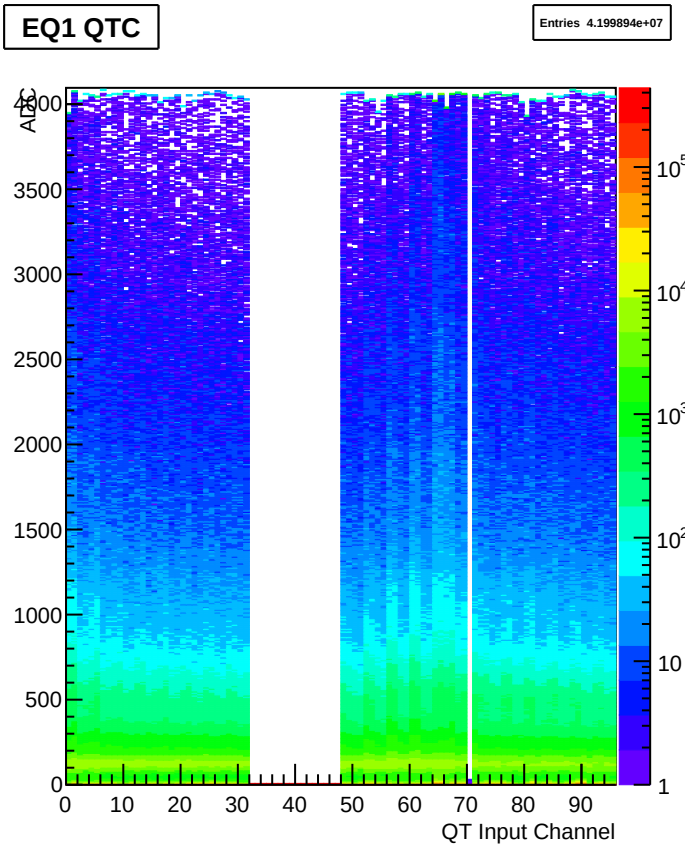

BBQ-VP001 East
Entries 6999824
TADC
QT Input Channel

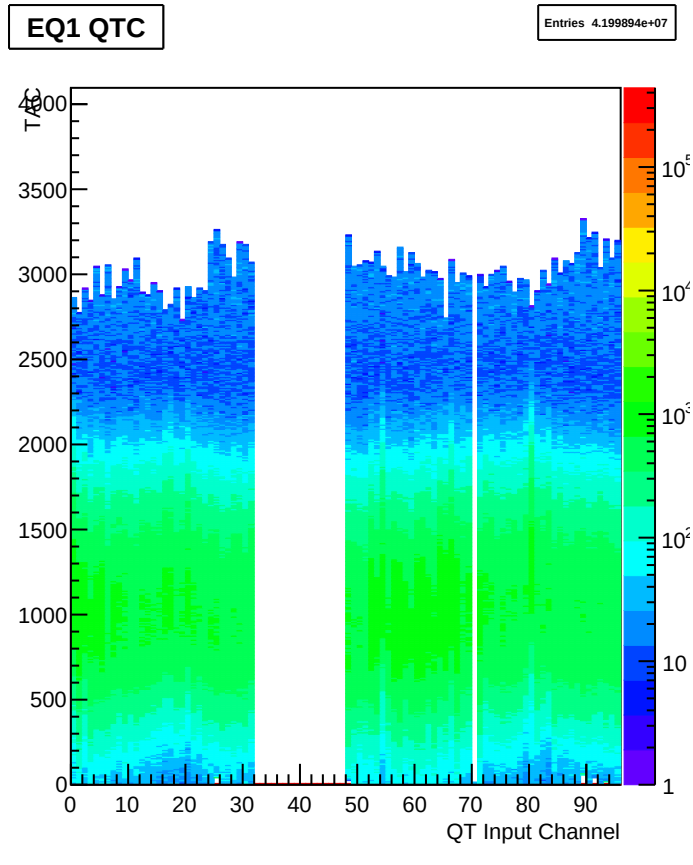

BBQ-VP002 West
Entries 6999824
ADC
QT Input Channel

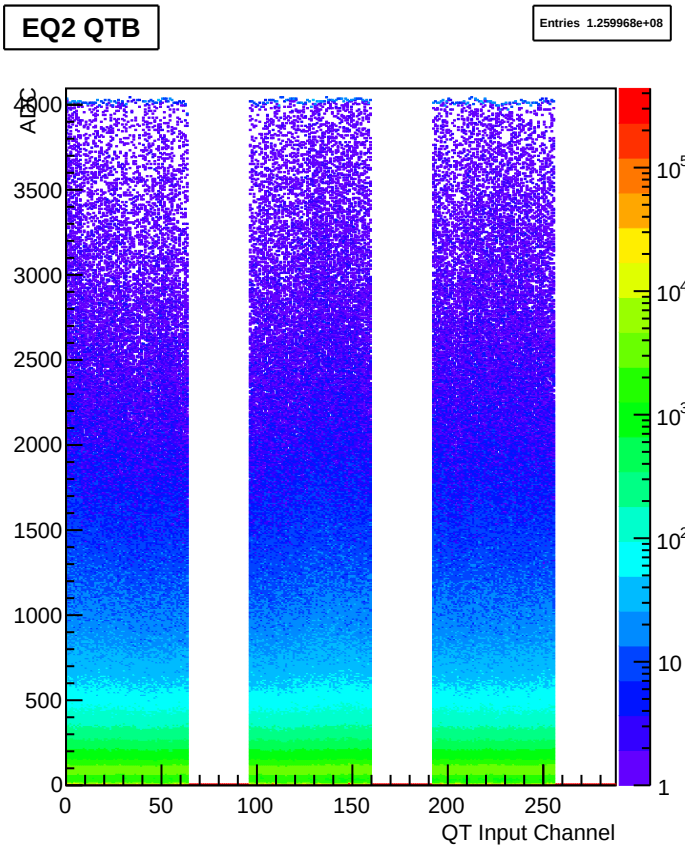

BBQ-VP002 West
Entries 6999824
TADC
QT Input Channel

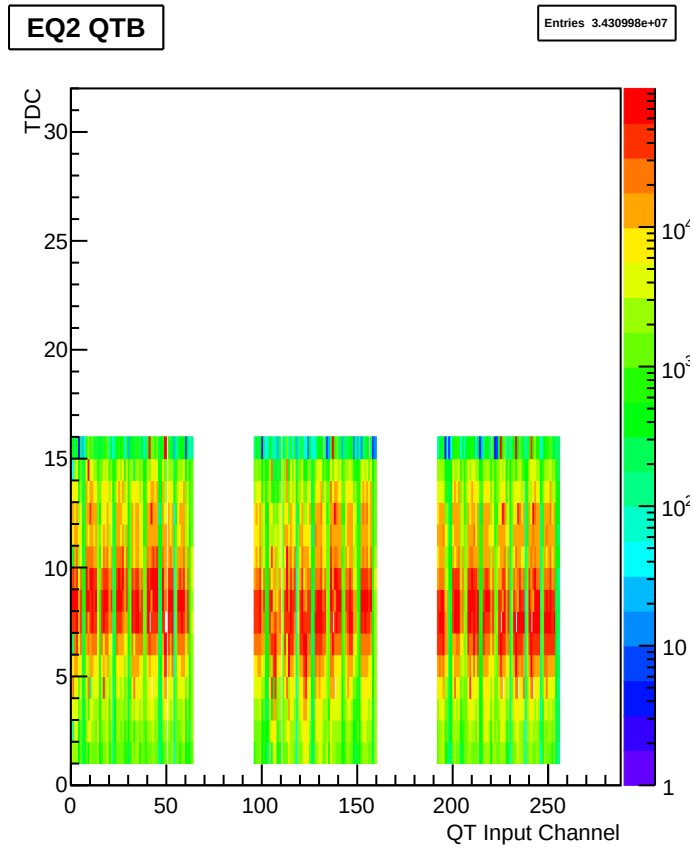

EQ1 QTB
Entries 1.259968e+08
ADC
QT Input Channel

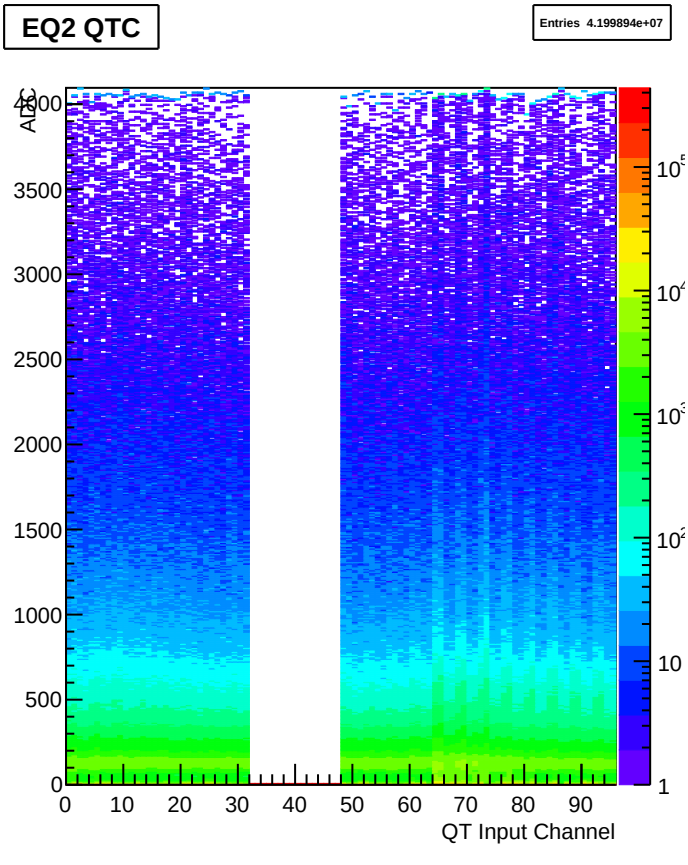

EQ1 QTB
Entries 4.588495e+07
TDC
QT Input Channel

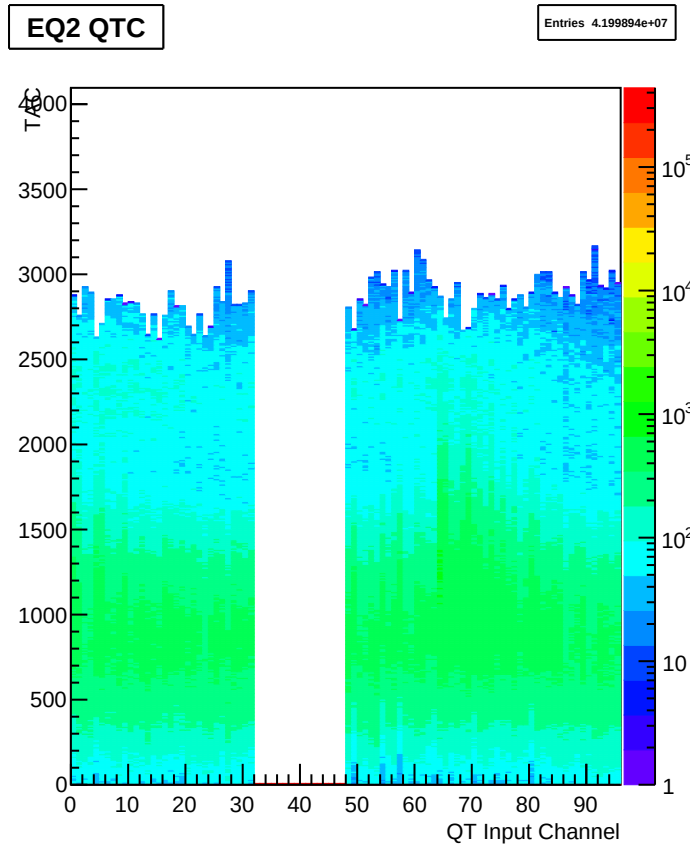

EQ1 QTC
Entries 4.199894e+07
ADC
QT Input Channel

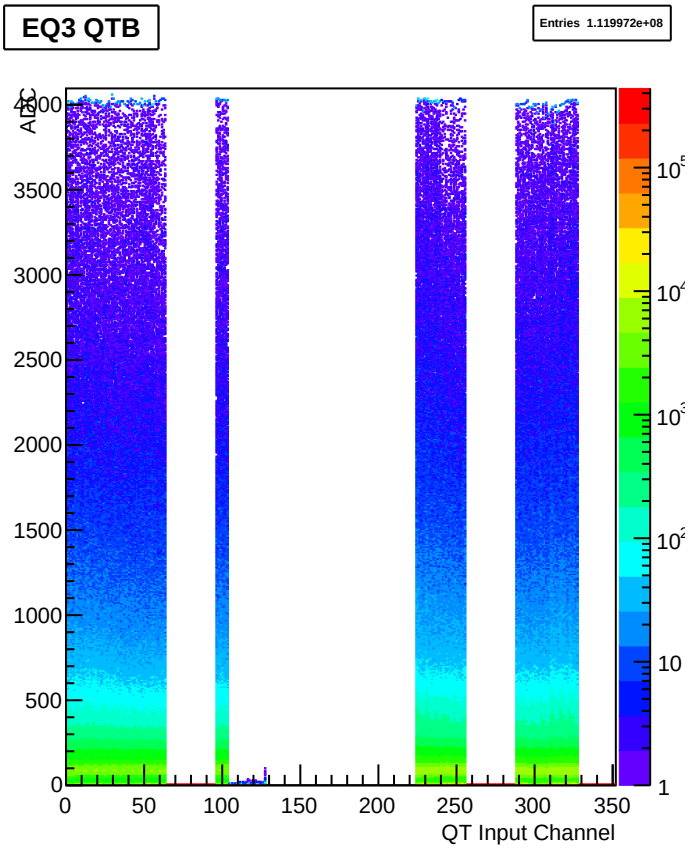

EQ1 QTC
Entries 4.199894e+07
TADC
QT Input Channel

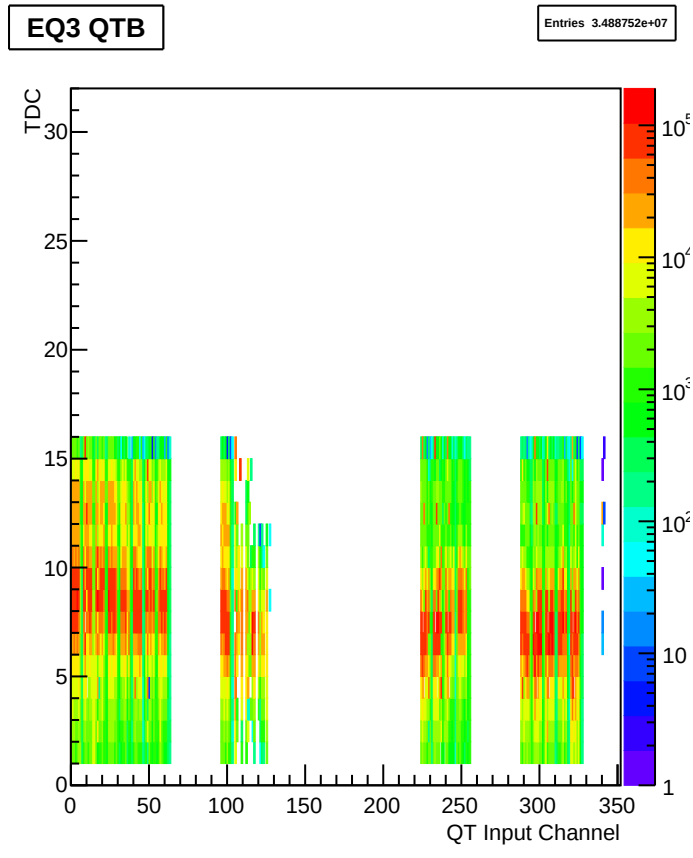

EQ2 QTB
Entries 1.259968e+08
ADC
QT Input Channel

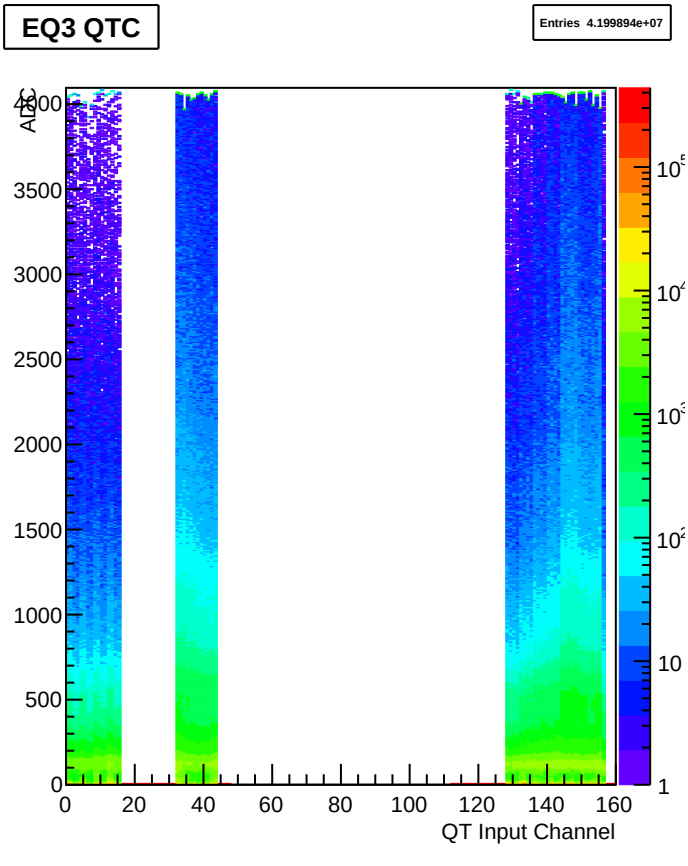

EQ2 QTB
Entries 3.430998e+07
TDC
QT Input Channel

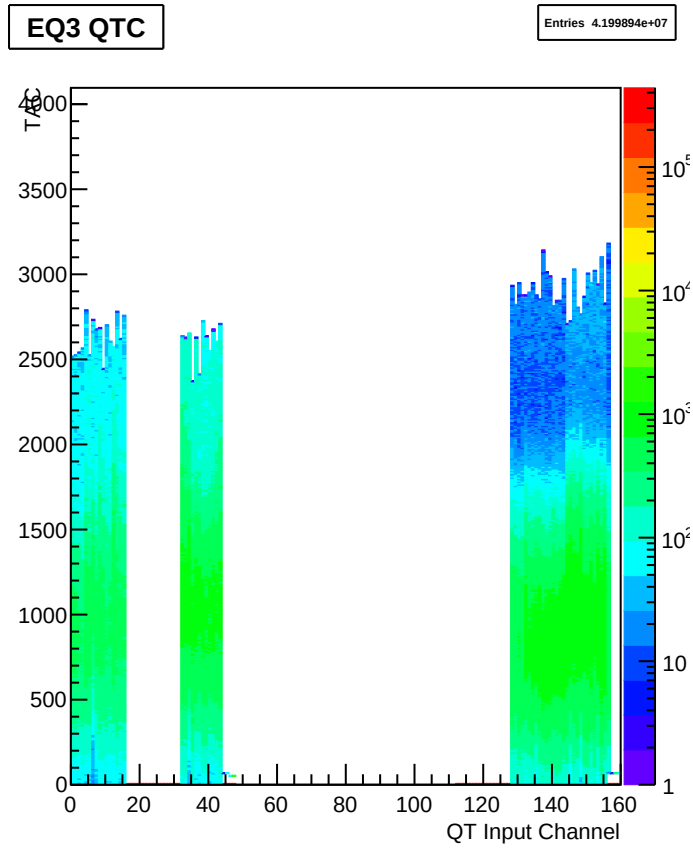

EQ2 QTC
Entries 4.199894e+07
ADC
QT Input Channel

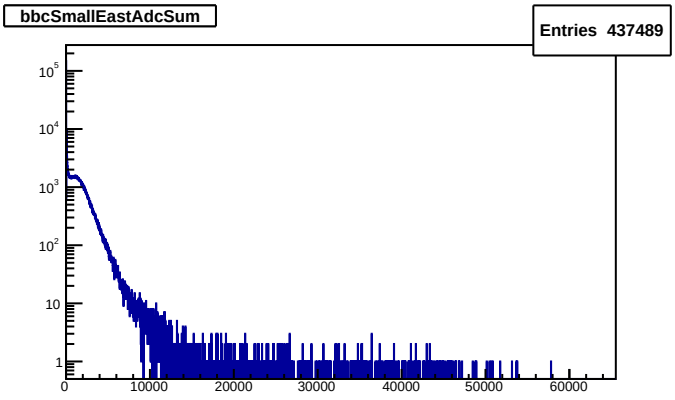

EQ2 QTC
Entries 4.199894e+07
TADC
QT Input Channel

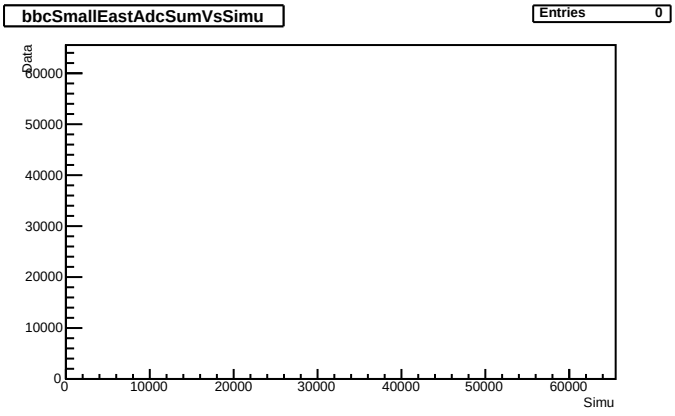

EQ3 QTB
Entries 1.119972e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.488752e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.199894e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.199894e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 437489


bbcSmallEastAdcSumVsSimu
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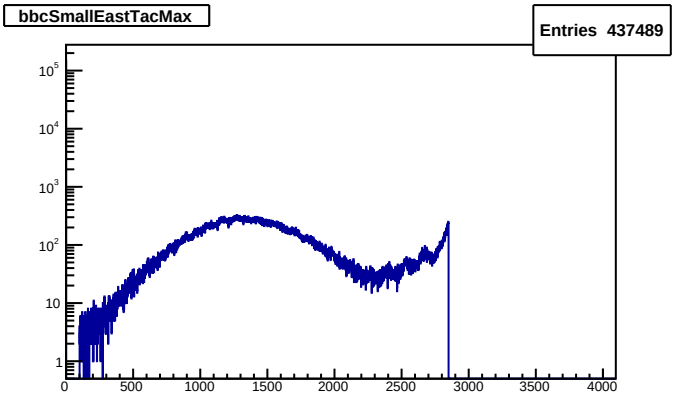
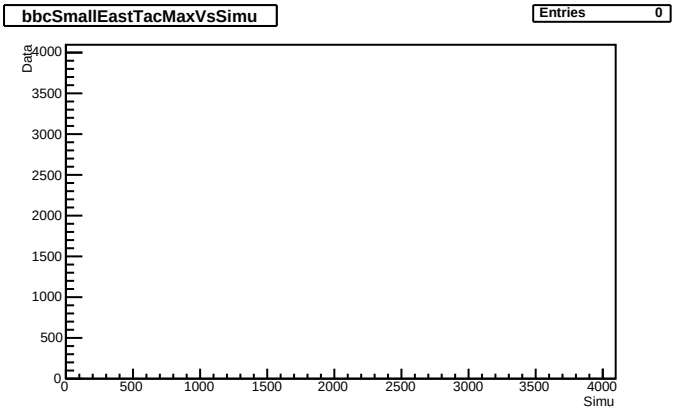
Data
Simu


bbcSmallEastTacMax
Entries 437489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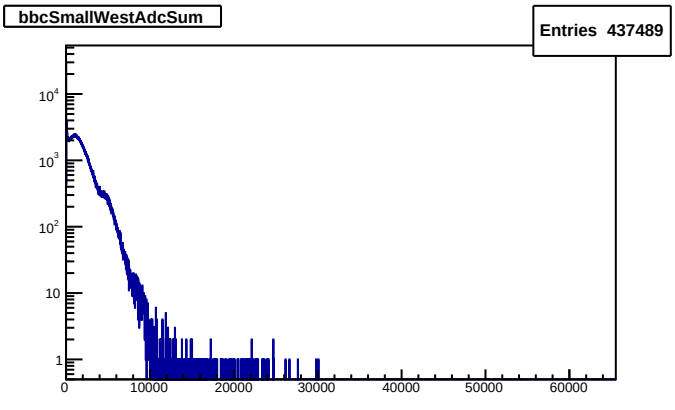
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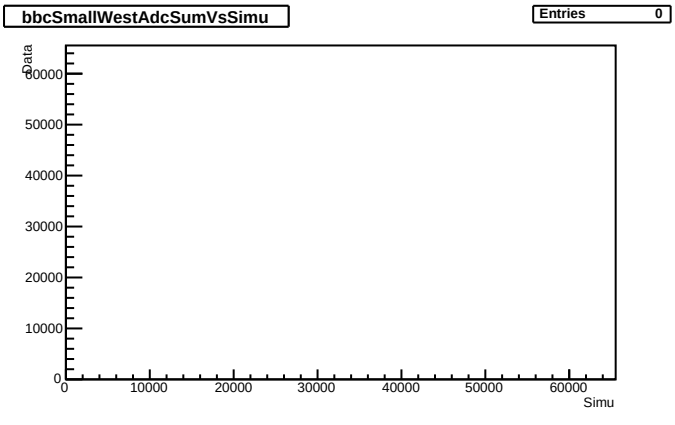
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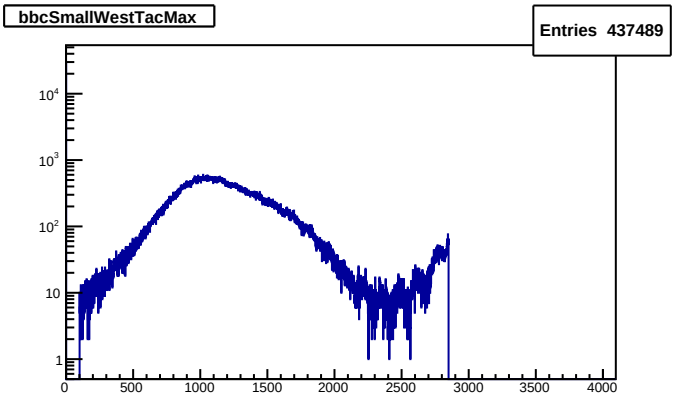
Simu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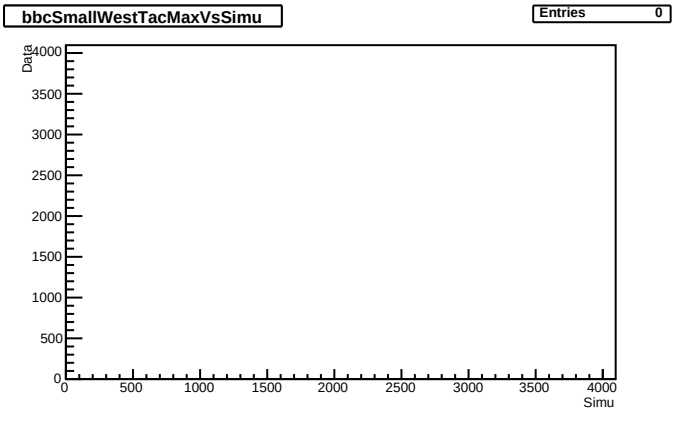
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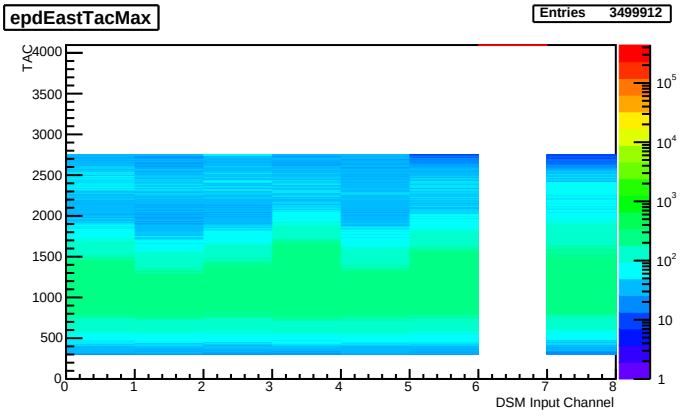
Entries 0
Data
Simu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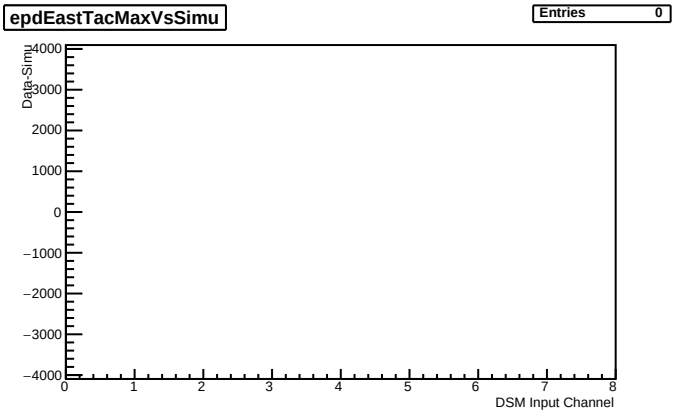
Entries 3499912
TAC
DSM Input Channel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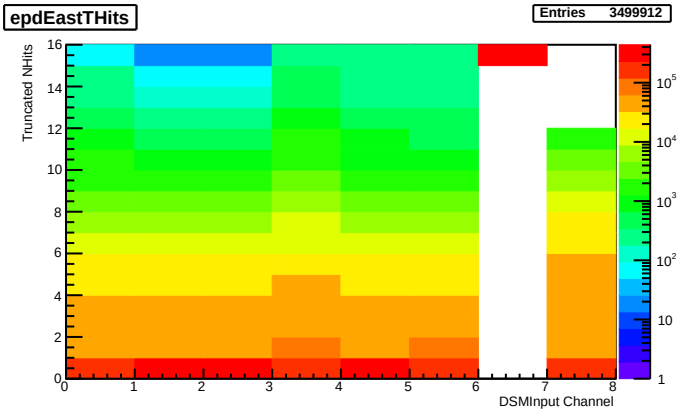
DSM Input Channel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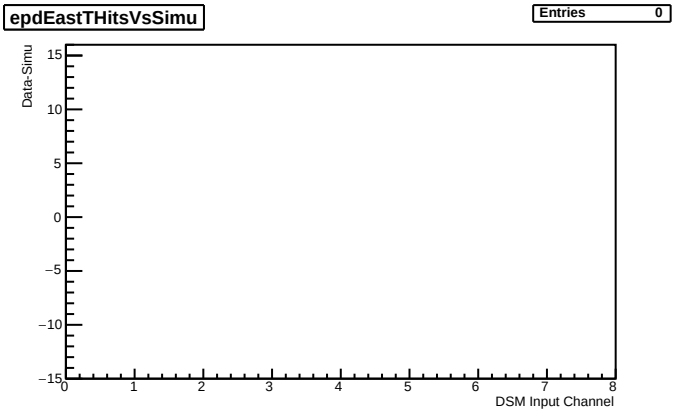
DSMInput Channel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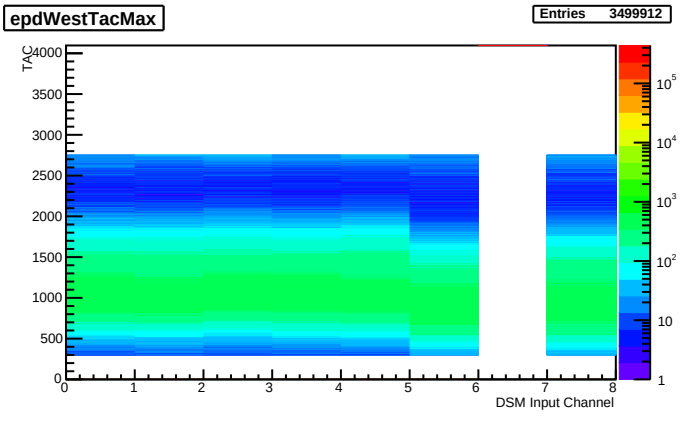
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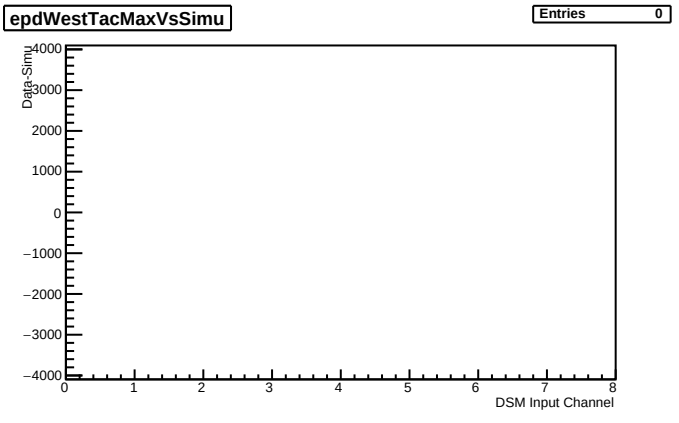
DSM Input Channel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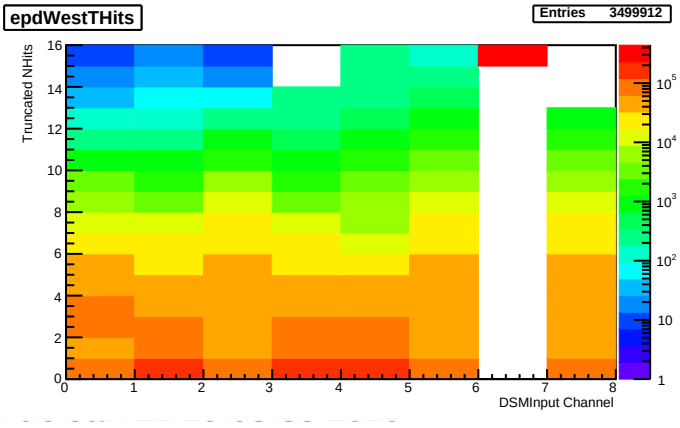
DSM Input Channel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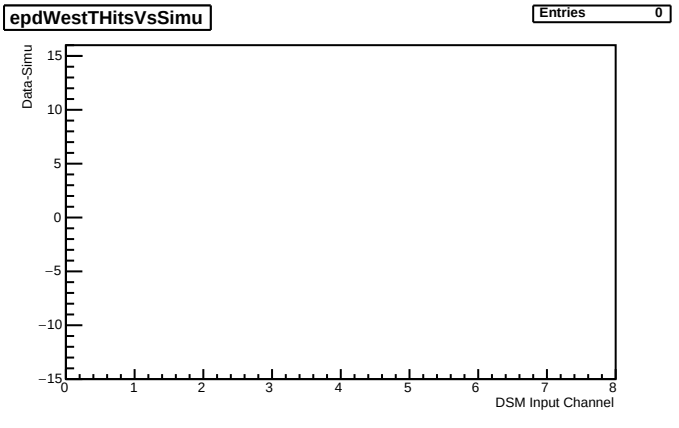
Truncated NHits
DSMInput Channel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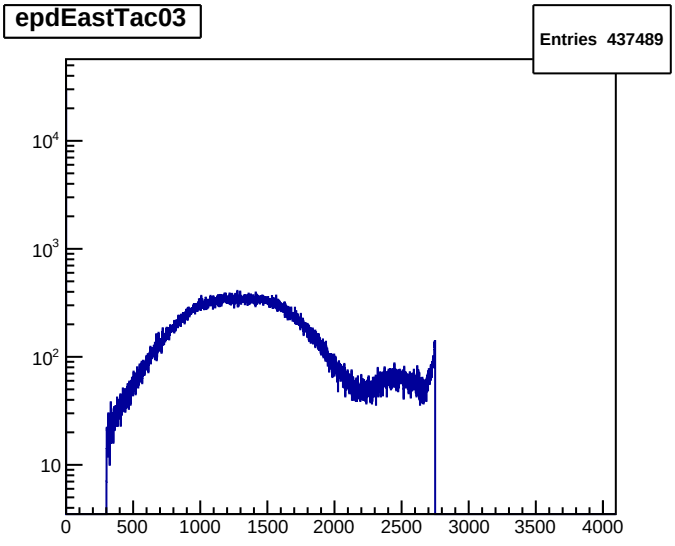
Data-Simu
DSM Input Channel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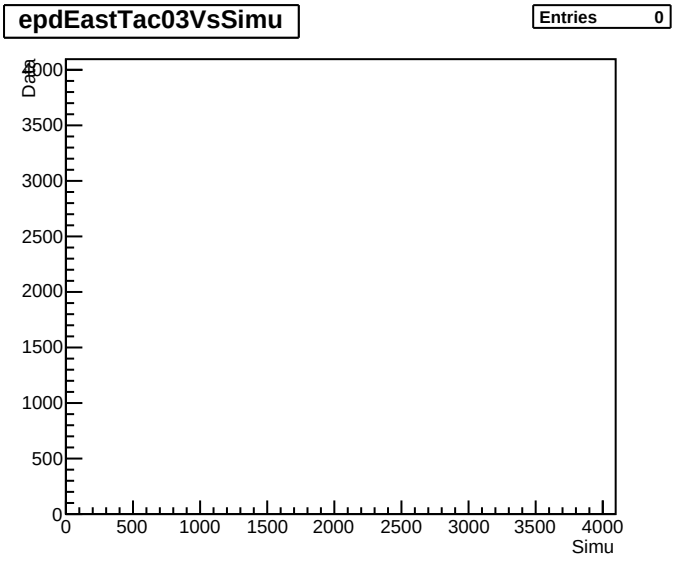
Entries 437489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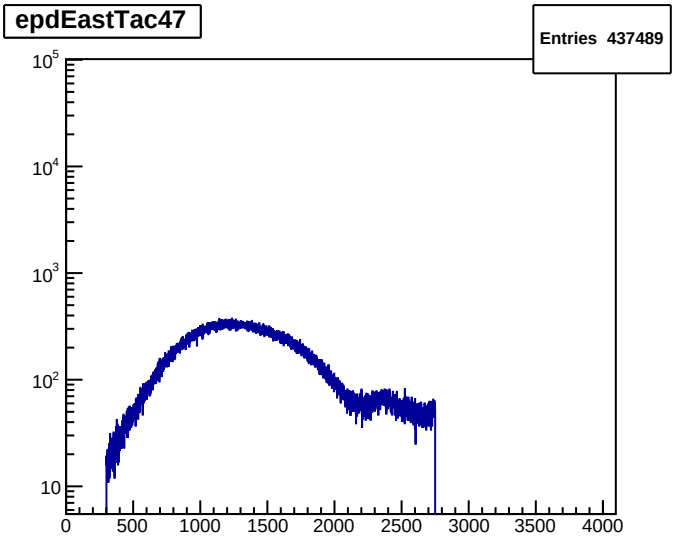
Entries 0
Data
Simu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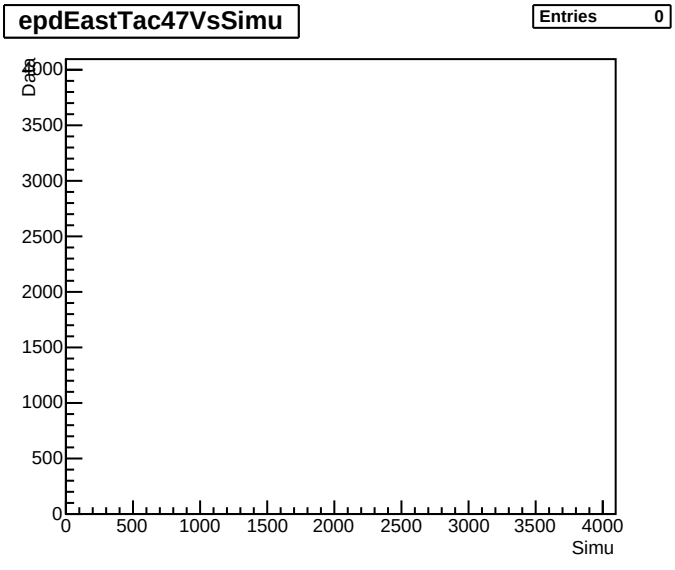
Entries 437489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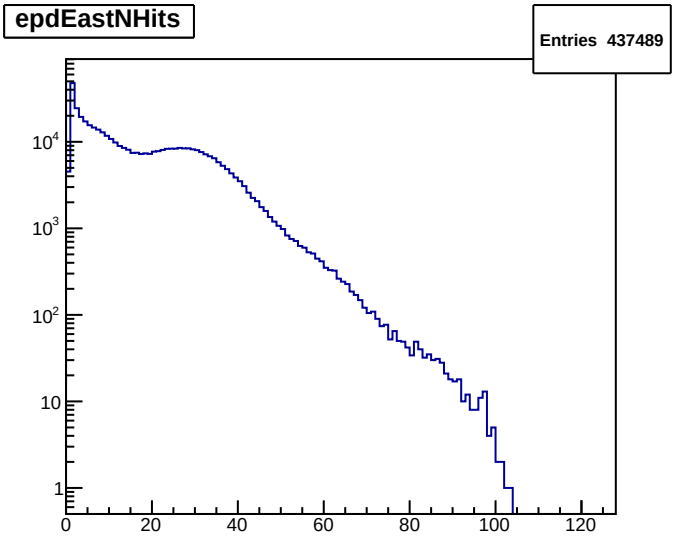
Entries 0
Data
Simu


epdEastNHits
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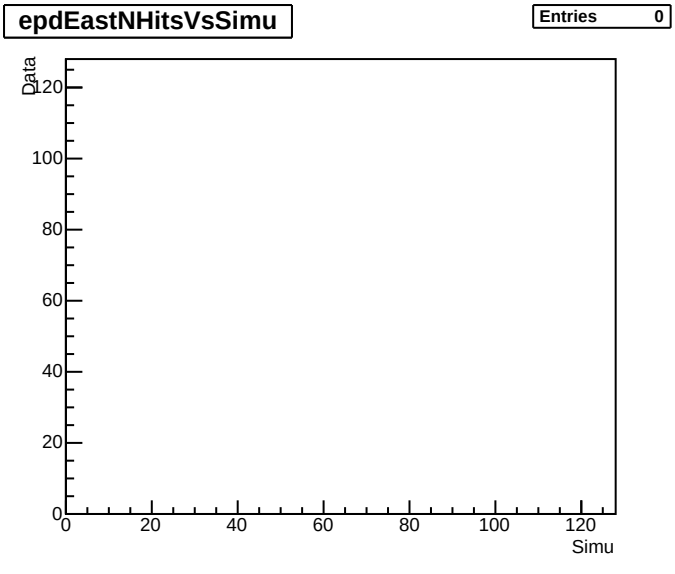
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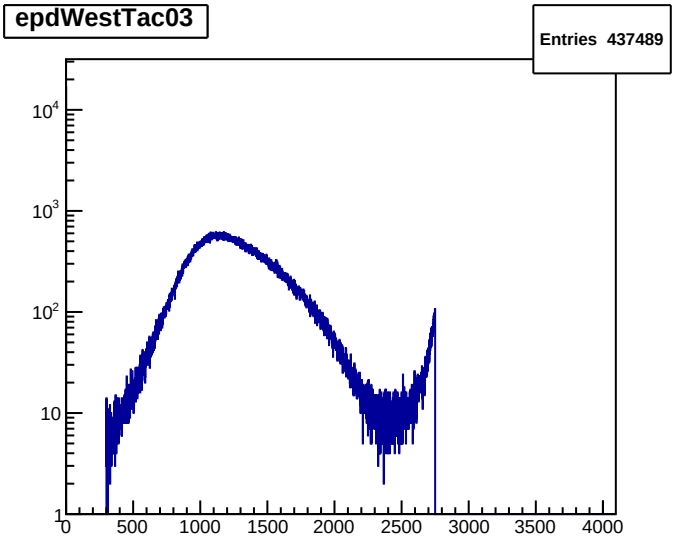
Data
Simu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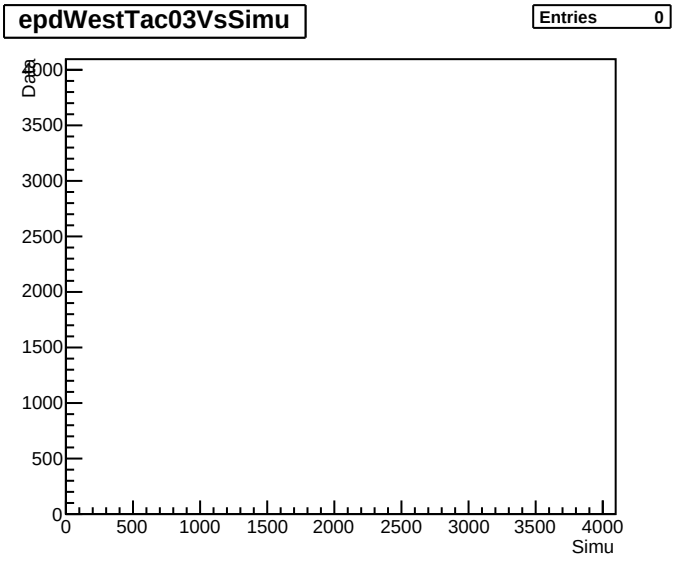
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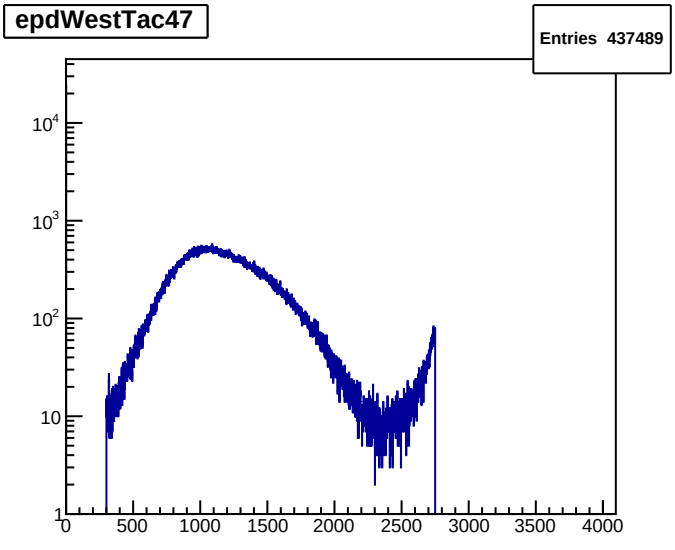
Data
Simu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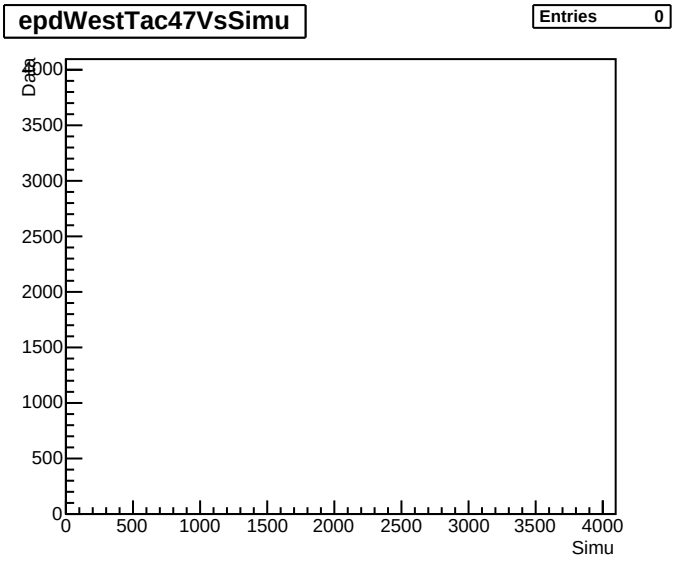
Entries 437489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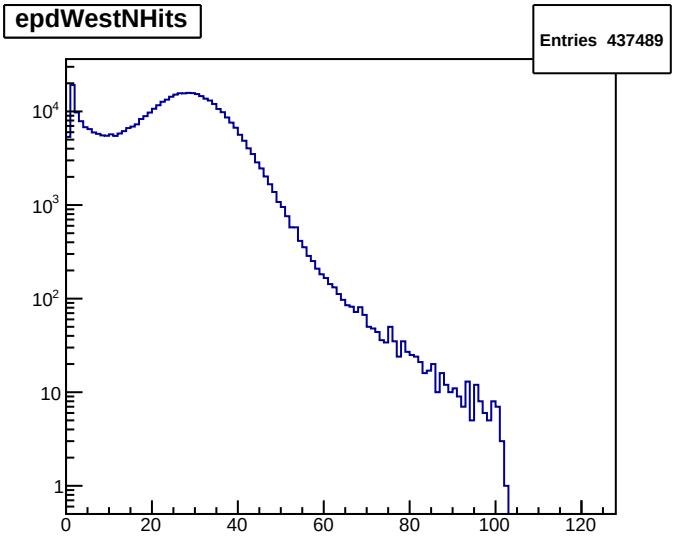
Data
Simu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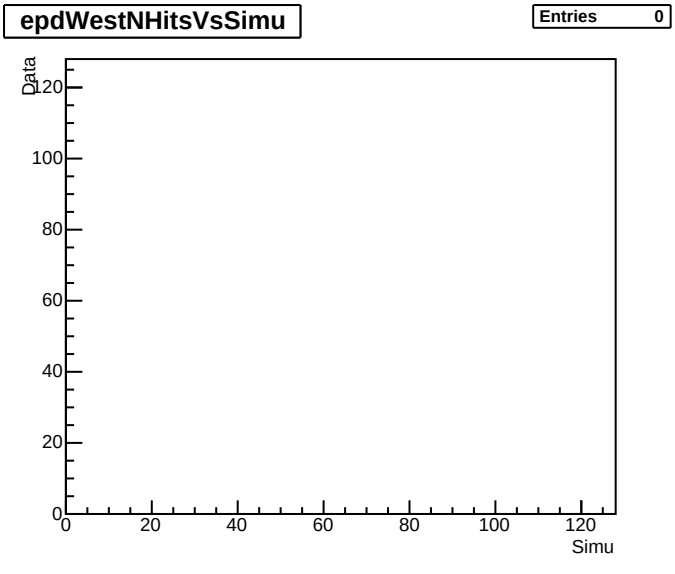
Entries 437489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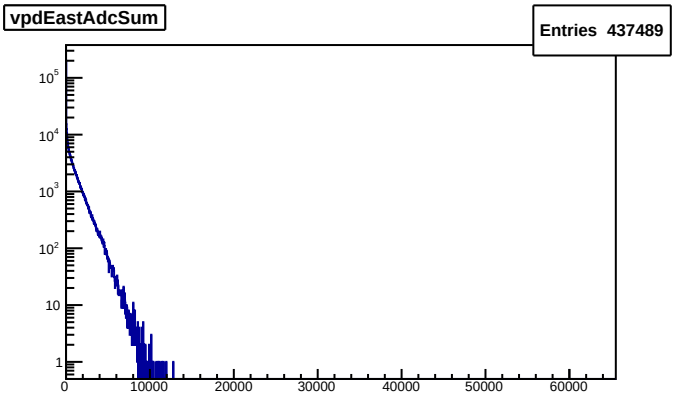
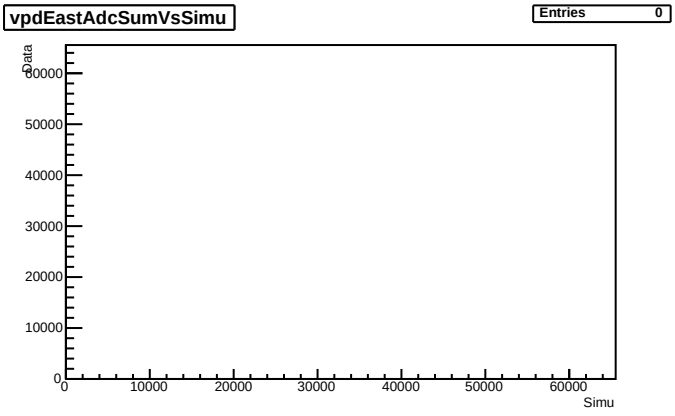
Entries 0
Data
Simu


vpdEastAdcSum
Entries 437489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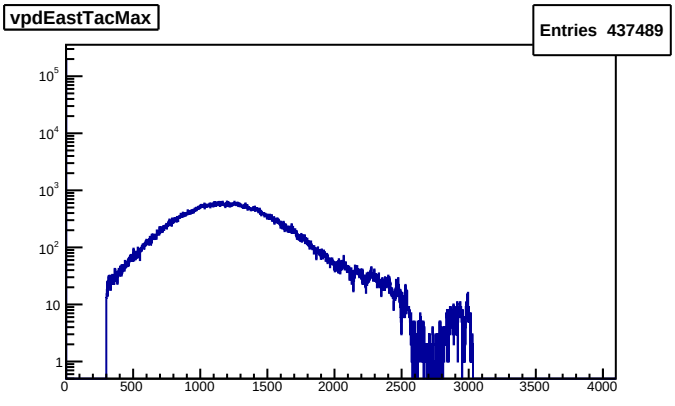
Entries 0
Data
Simu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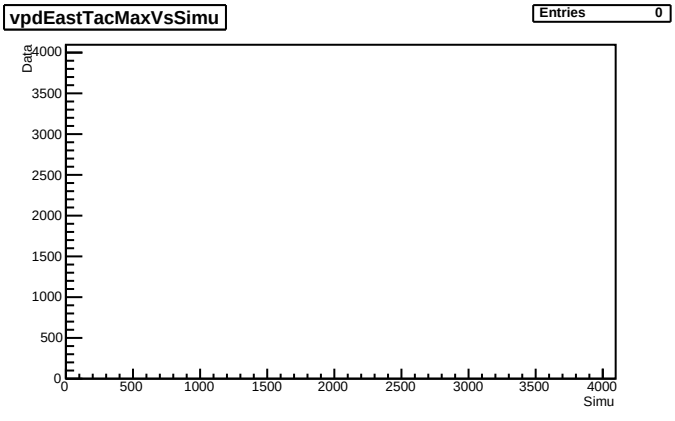
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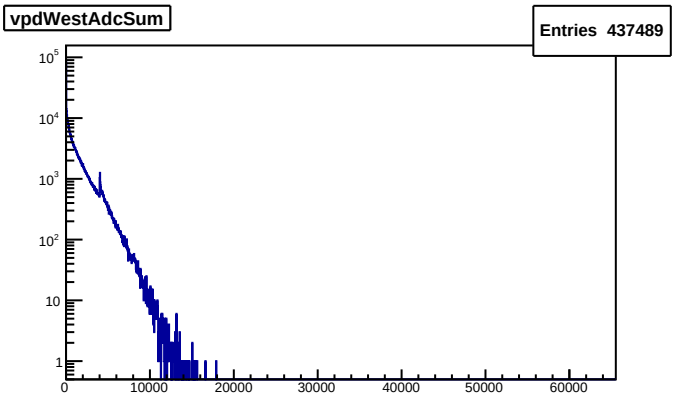
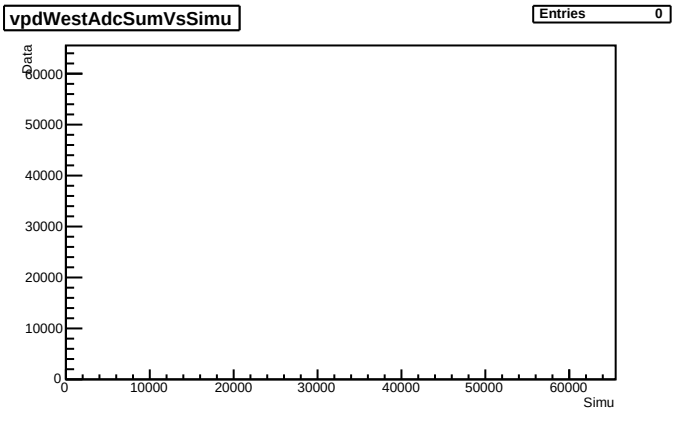
Entries 0
Data
Simu


vpdWestAdcSum
Entries 437489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Entries 0
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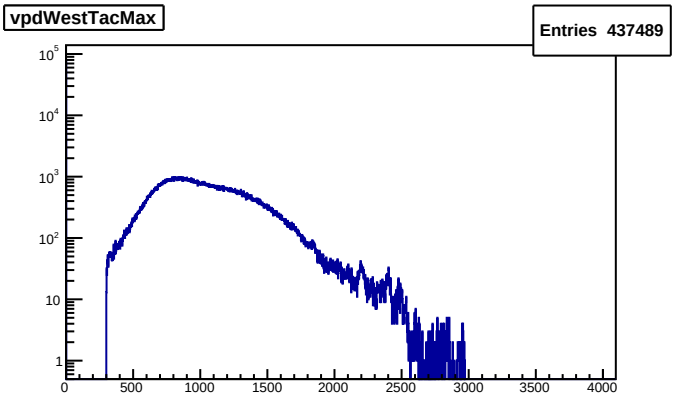
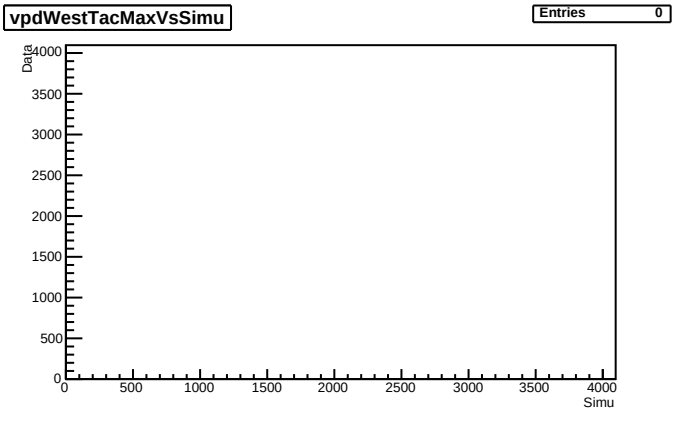
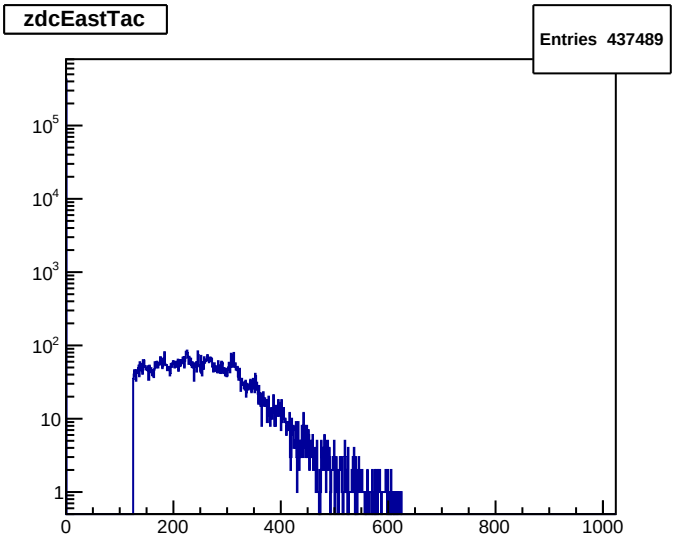
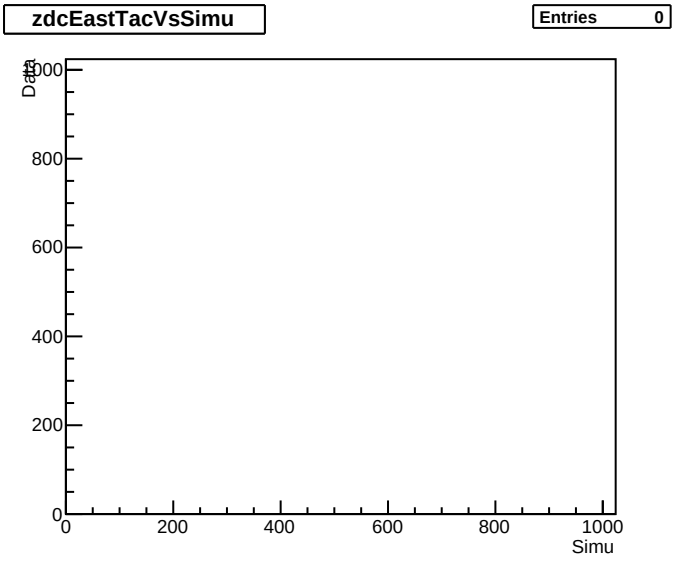
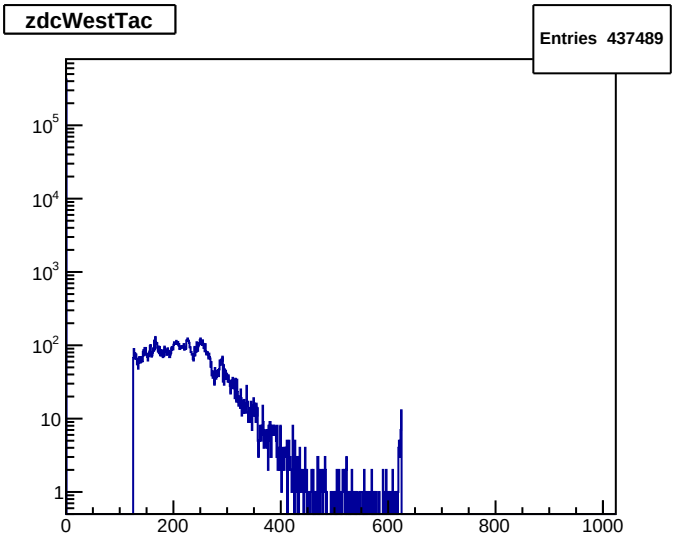
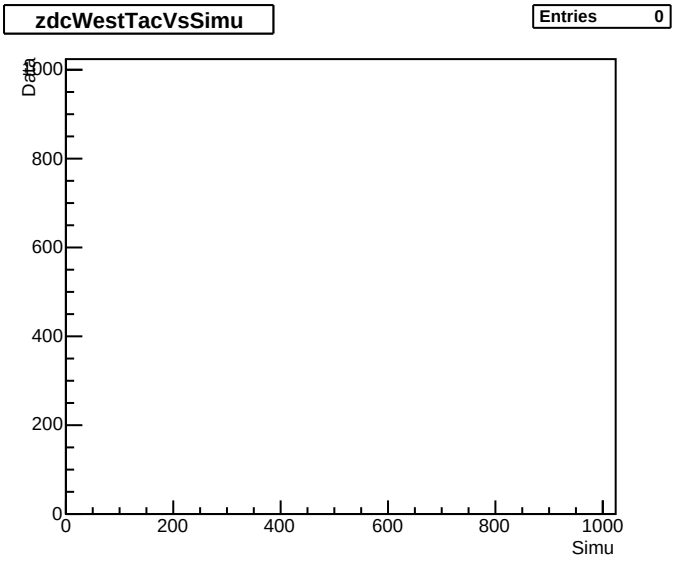

vpdWestTacMax
Entries 437489

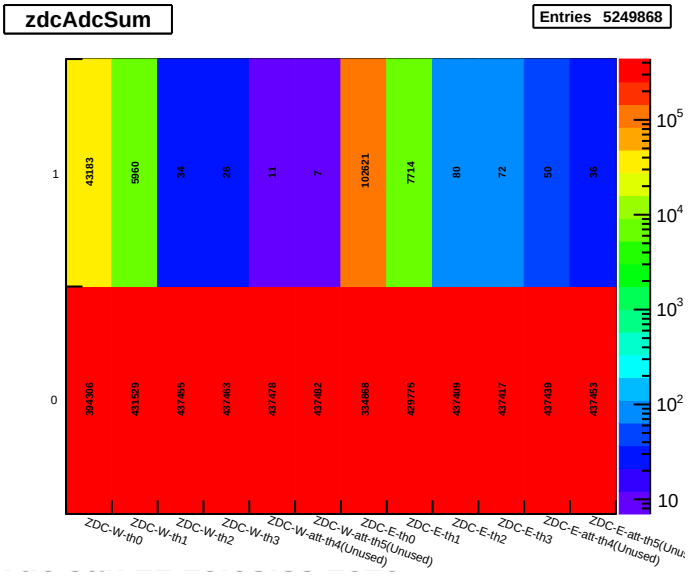

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 437489
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 437489
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 5249868
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0
43183
5960
34
26
11
7
102621
7714
80
72
50
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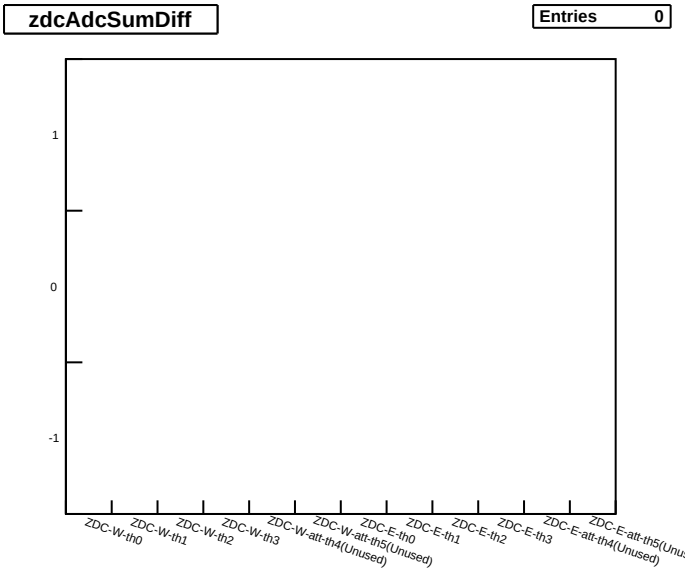
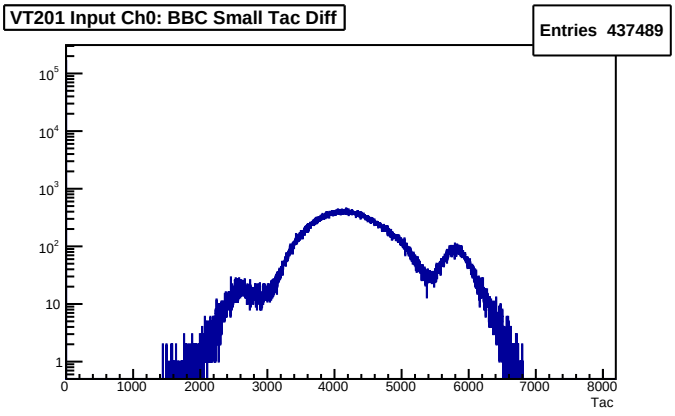
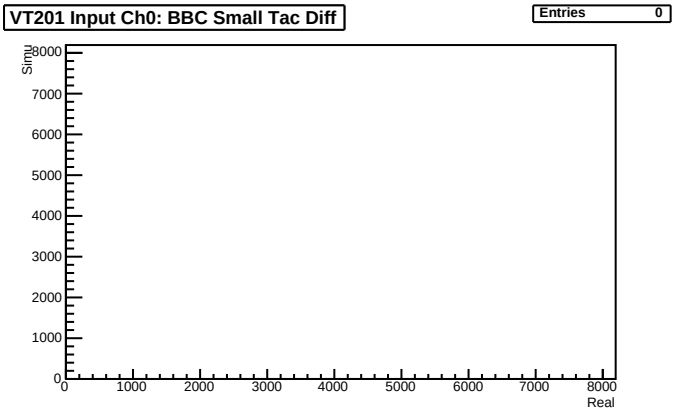
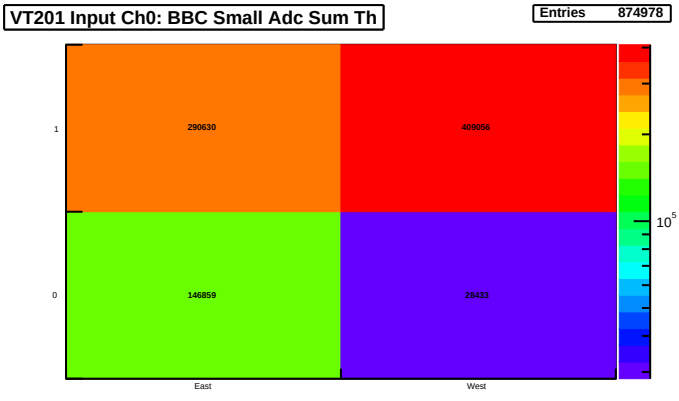
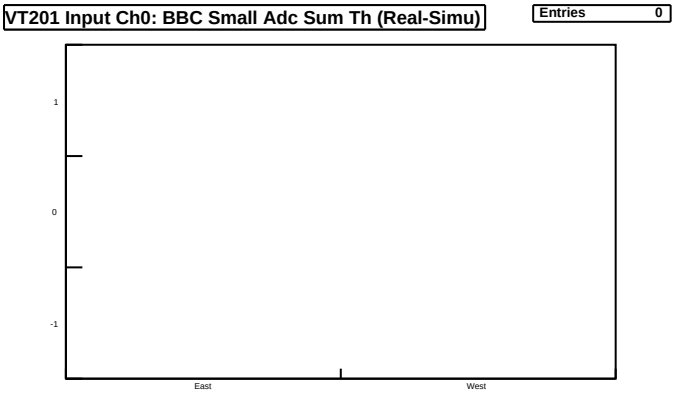
394306
431529
437455
437463
437478
437482
334868
429775
437409
437417
437439
437453
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

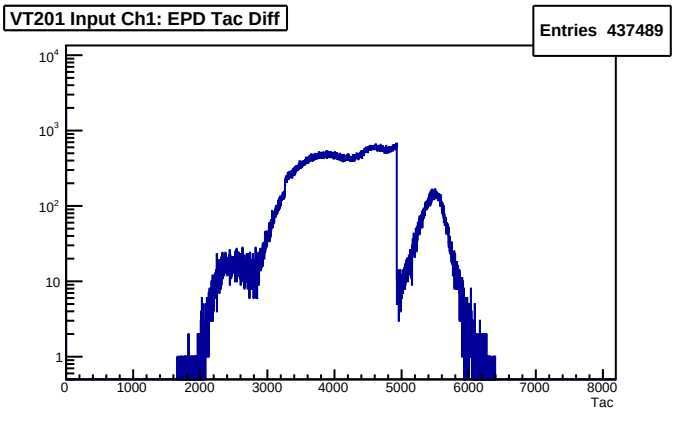

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

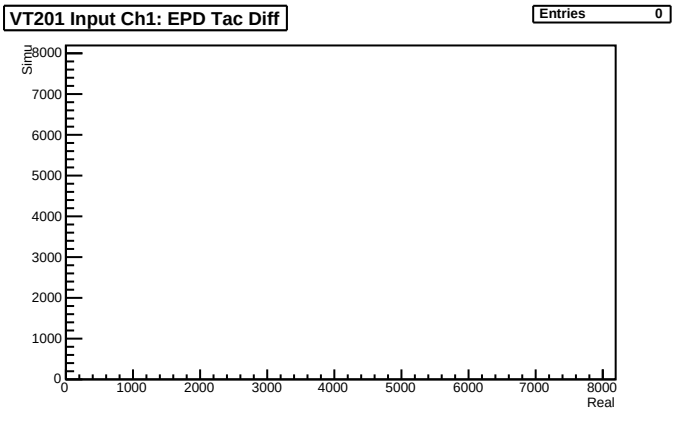

VT201 Input Ch0: BBC Small Tac Diff
Entries 437489
Tac

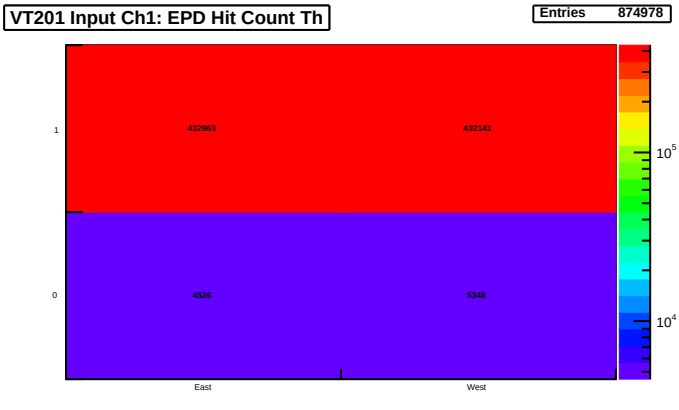

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

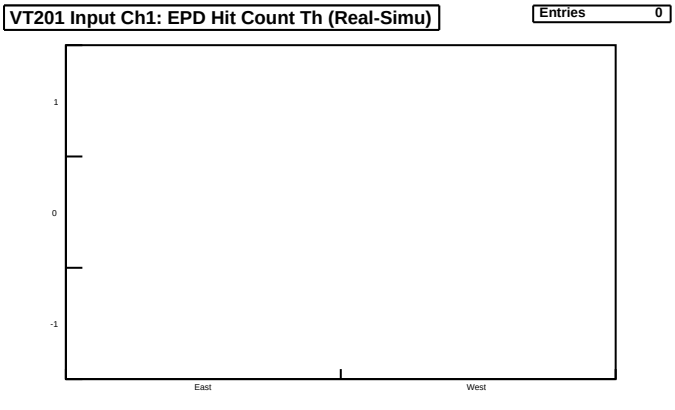

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 874978
290630
409056
146859
28433
East
West

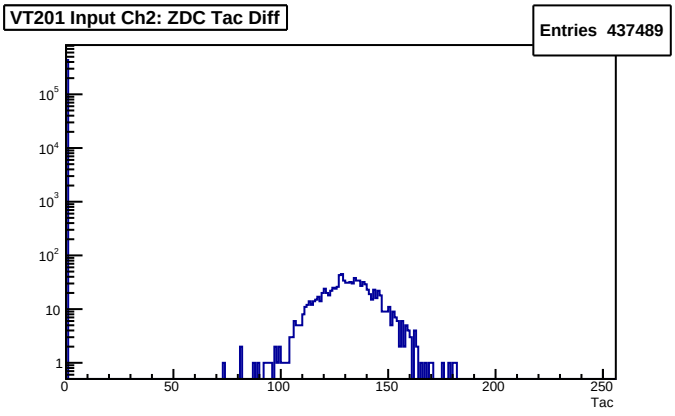

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

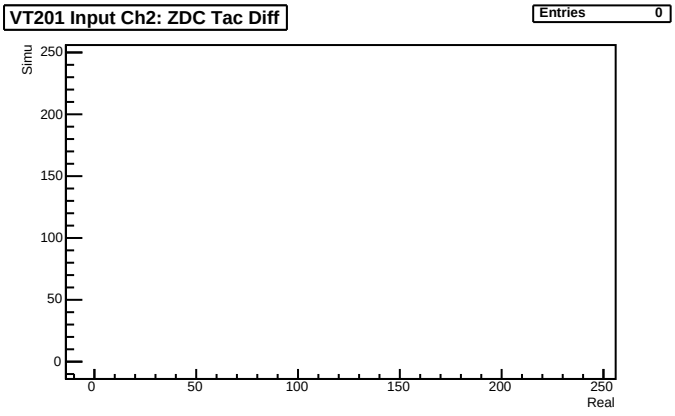

VT201 Input Ch1: EPD Tac Diff
Entries 437489
Tac

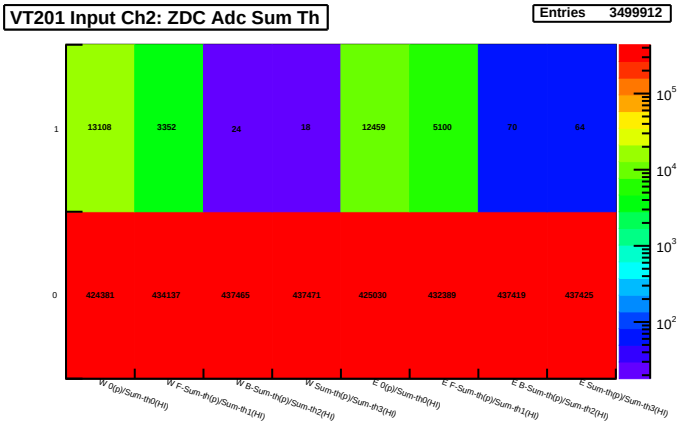

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

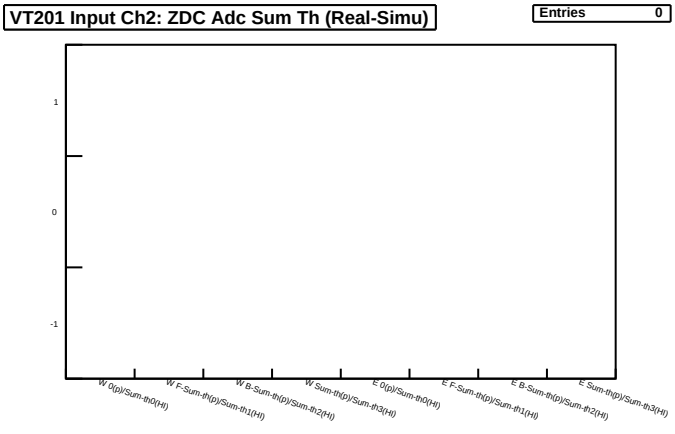

VT201 Input Ch1: EPD Hit Count Th
Entries 874978
432963
432141
4526
5348
East
West

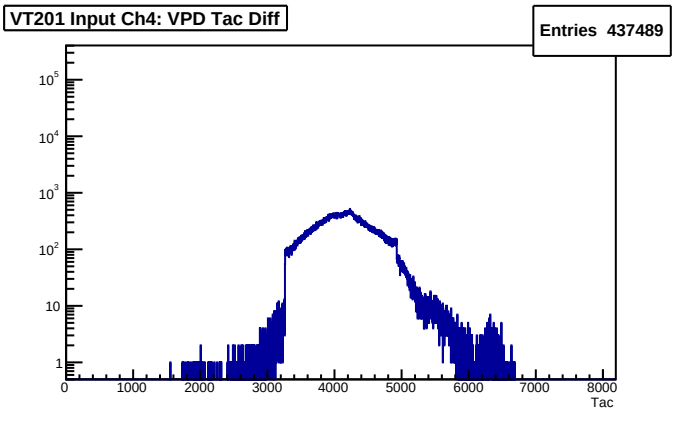

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

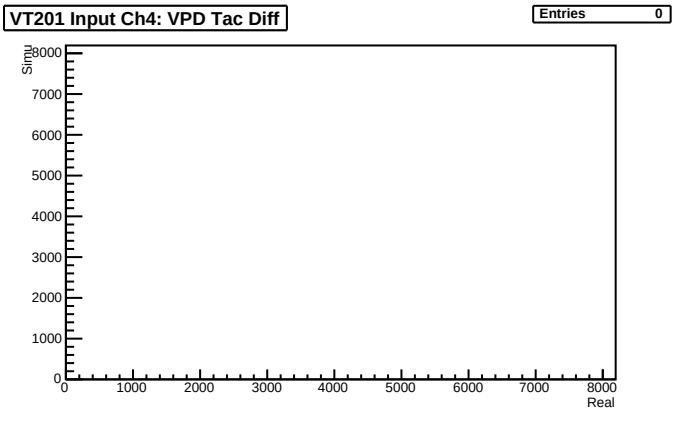

VT201 Input Ch2: ZDC Tac Diff
Entries 437489
Tac

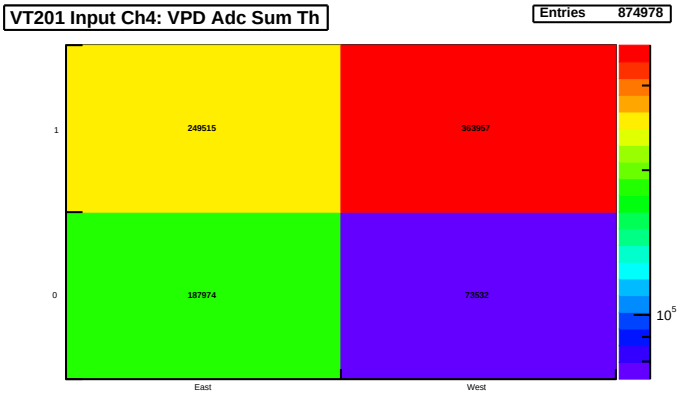

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

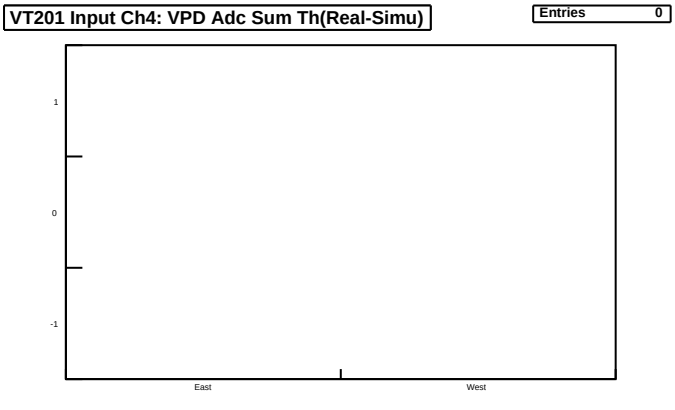

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3499912
13108
3352
24
18
12459
5100
70
64
424381
434137
437465
437471
425030
432389
437419
437425
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

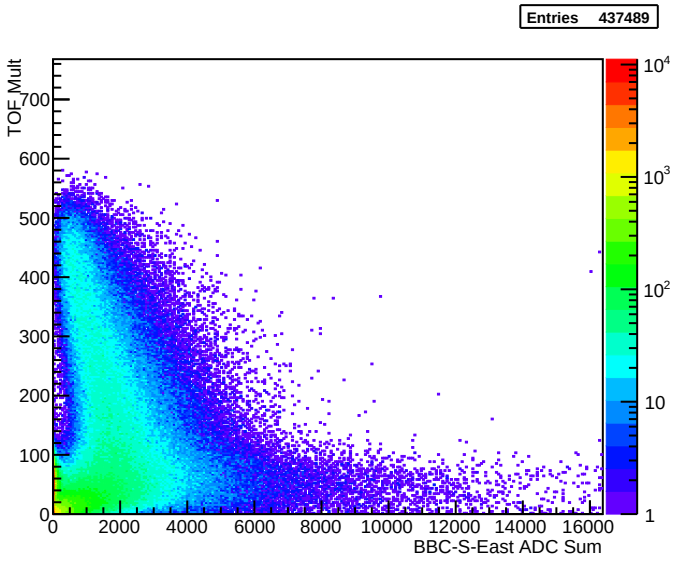

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

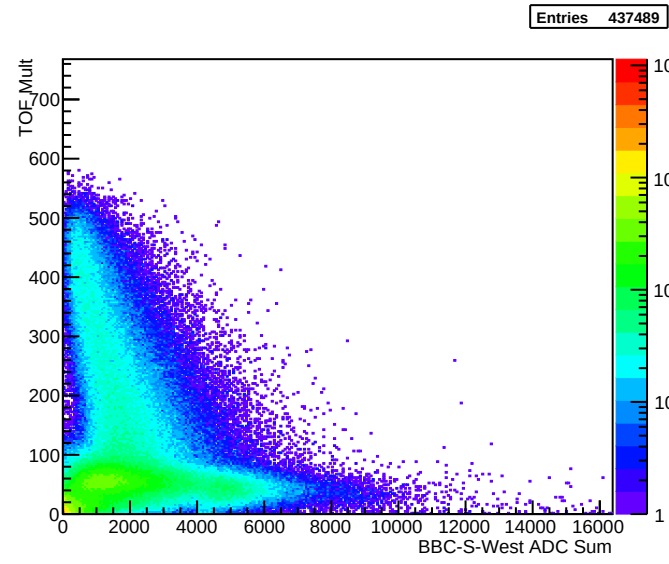

VT201 Input Ch4: VPD Tac Diff
Entries 437489
Tac

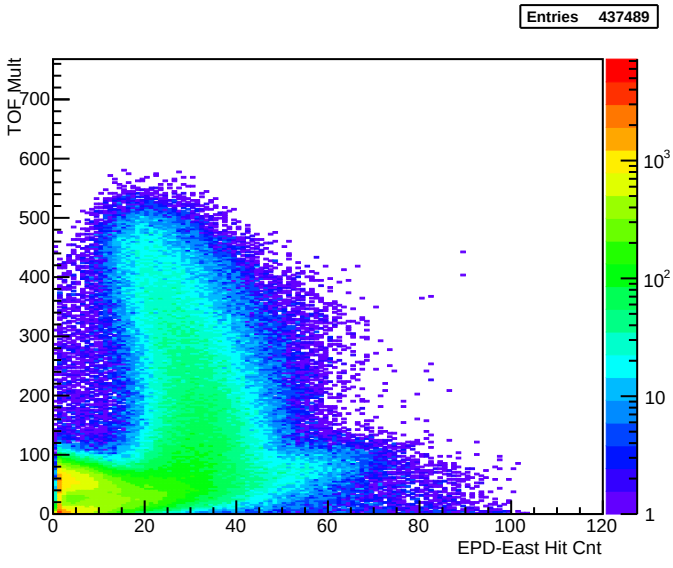

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

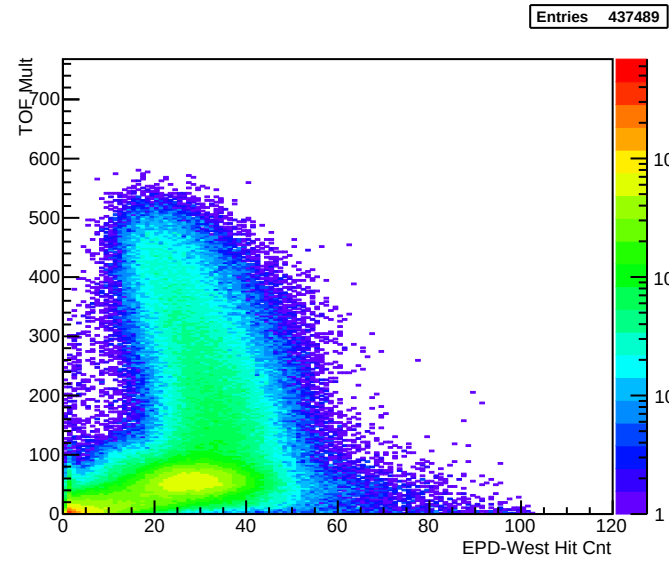

VT201 Input Ch4: VPD Adc Sum Th
Entries 874978
249515
363957
187974
73532
East
West

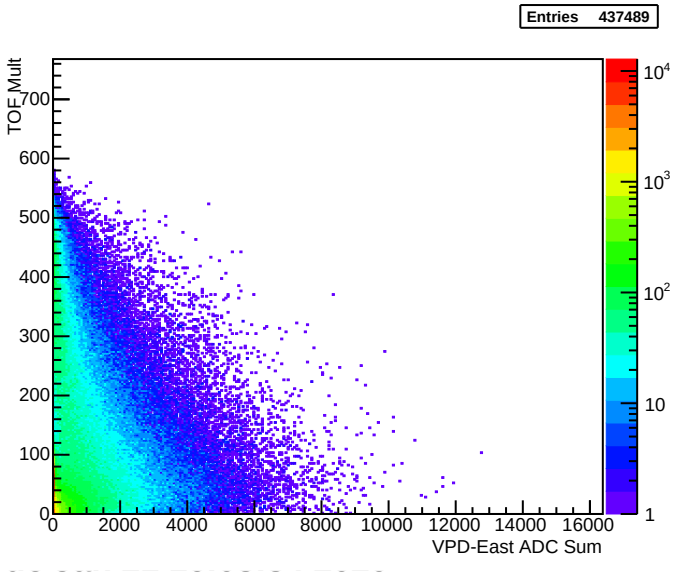

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

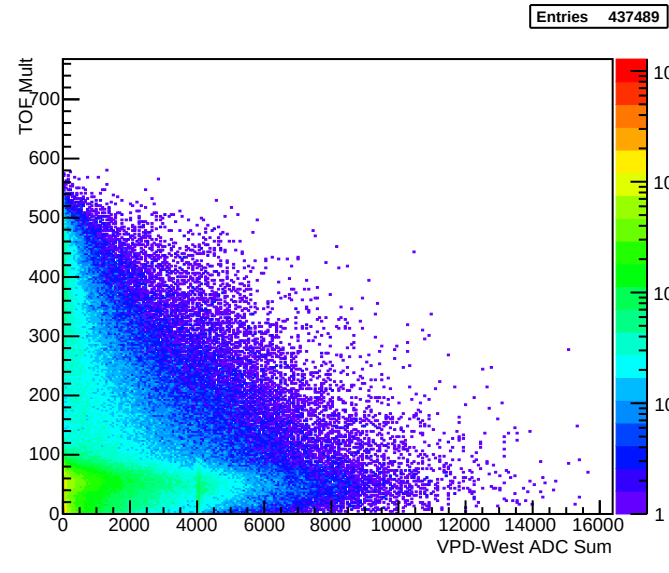

Entries 437489
TOF_Mult
BBC-S-East ADC Sum

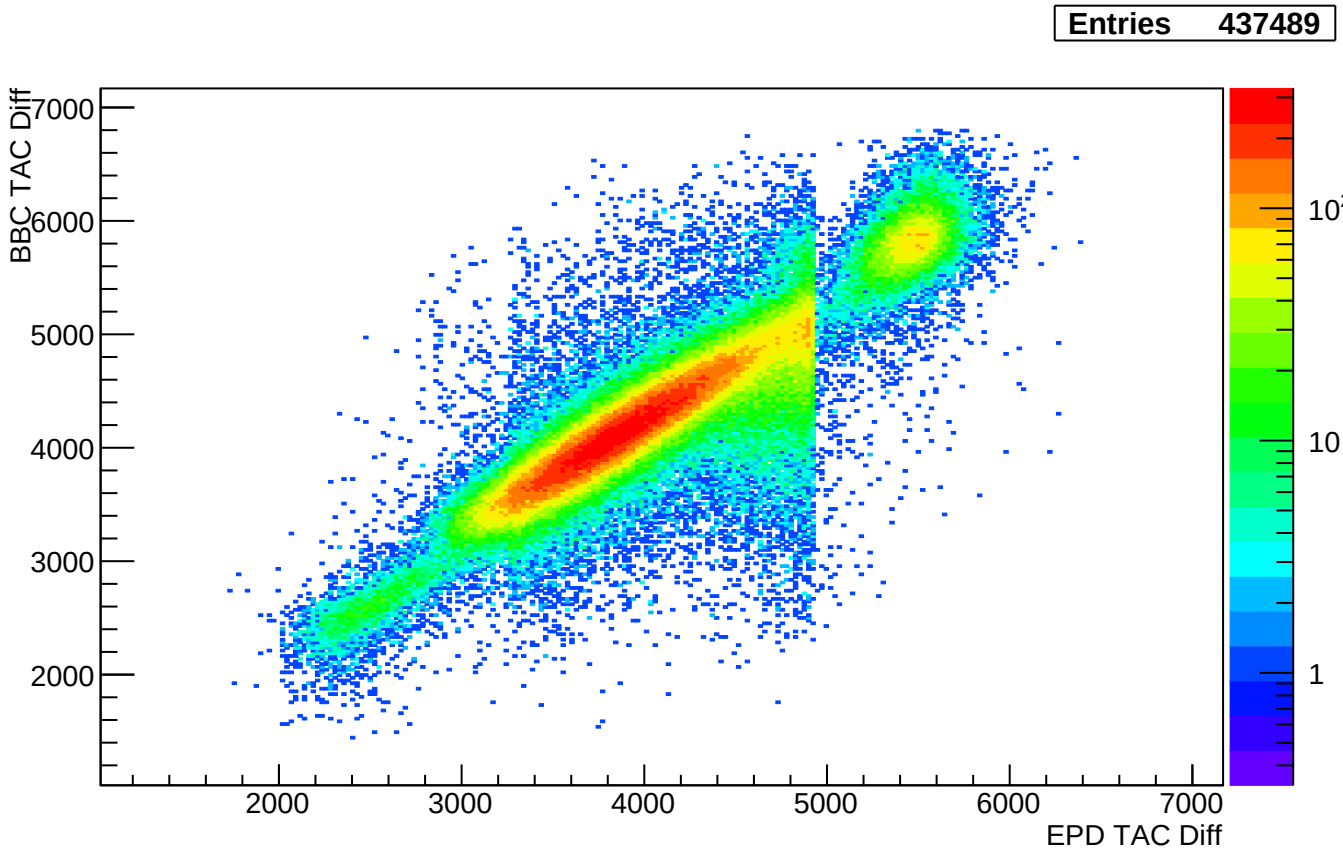

Entries 437489
TOF_Mult
BBC-S-West ADC Sum

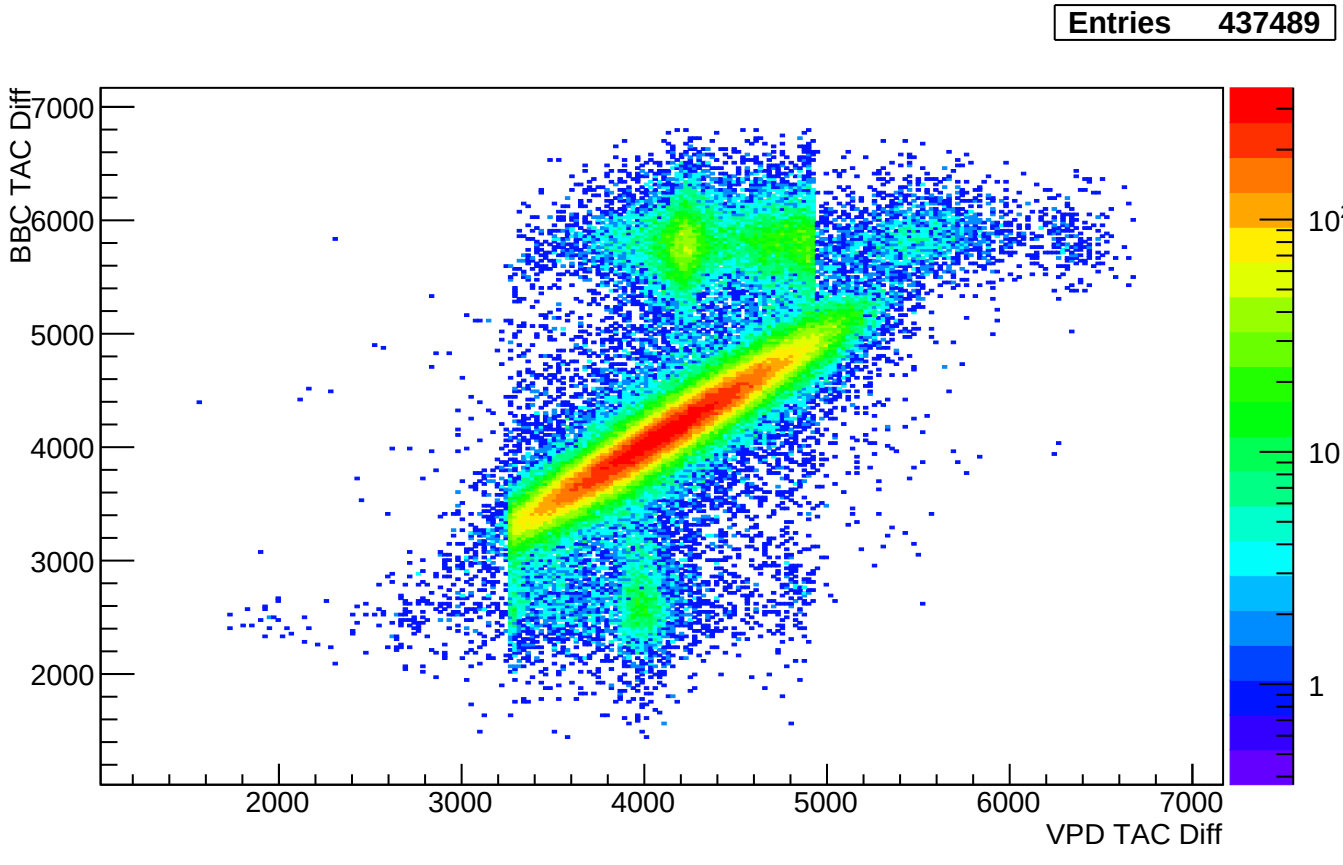

Entries 437489
TOF_Mult
EPD-East Hit Cnt

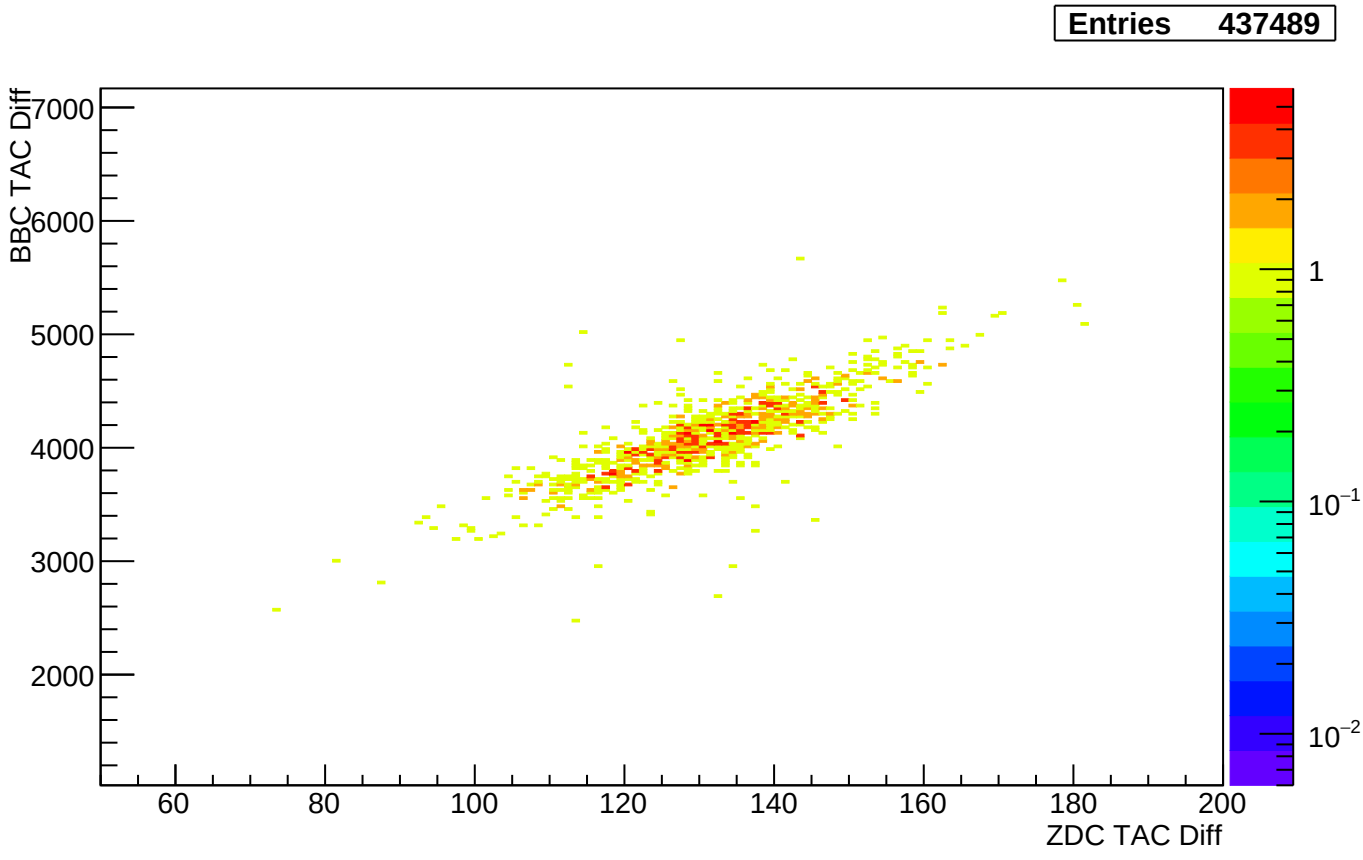

Entries 437489
TOF_Mult
EPD-West Hit Cnt

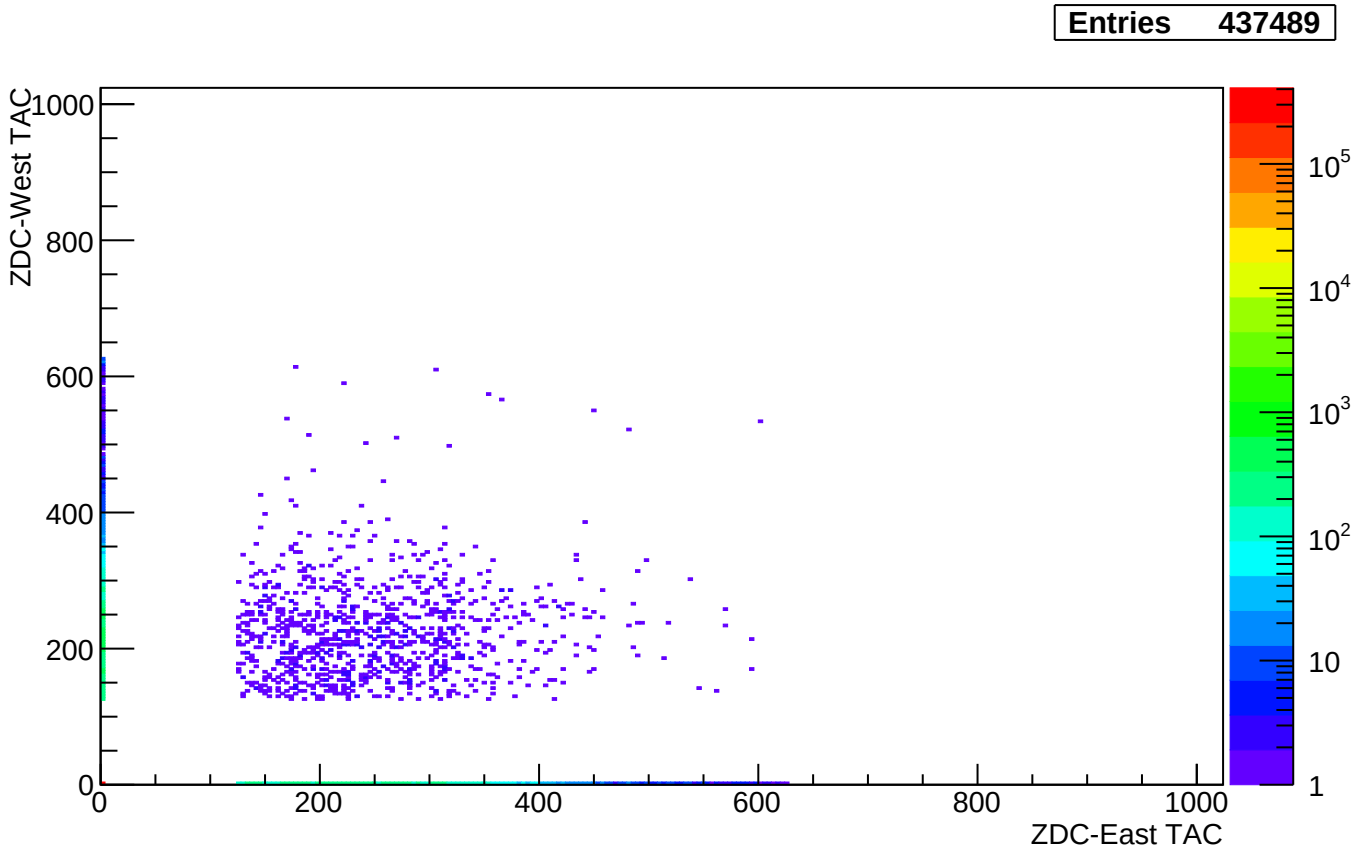

Entries 437489
TOF_Mult
VPD-East ADC Sum

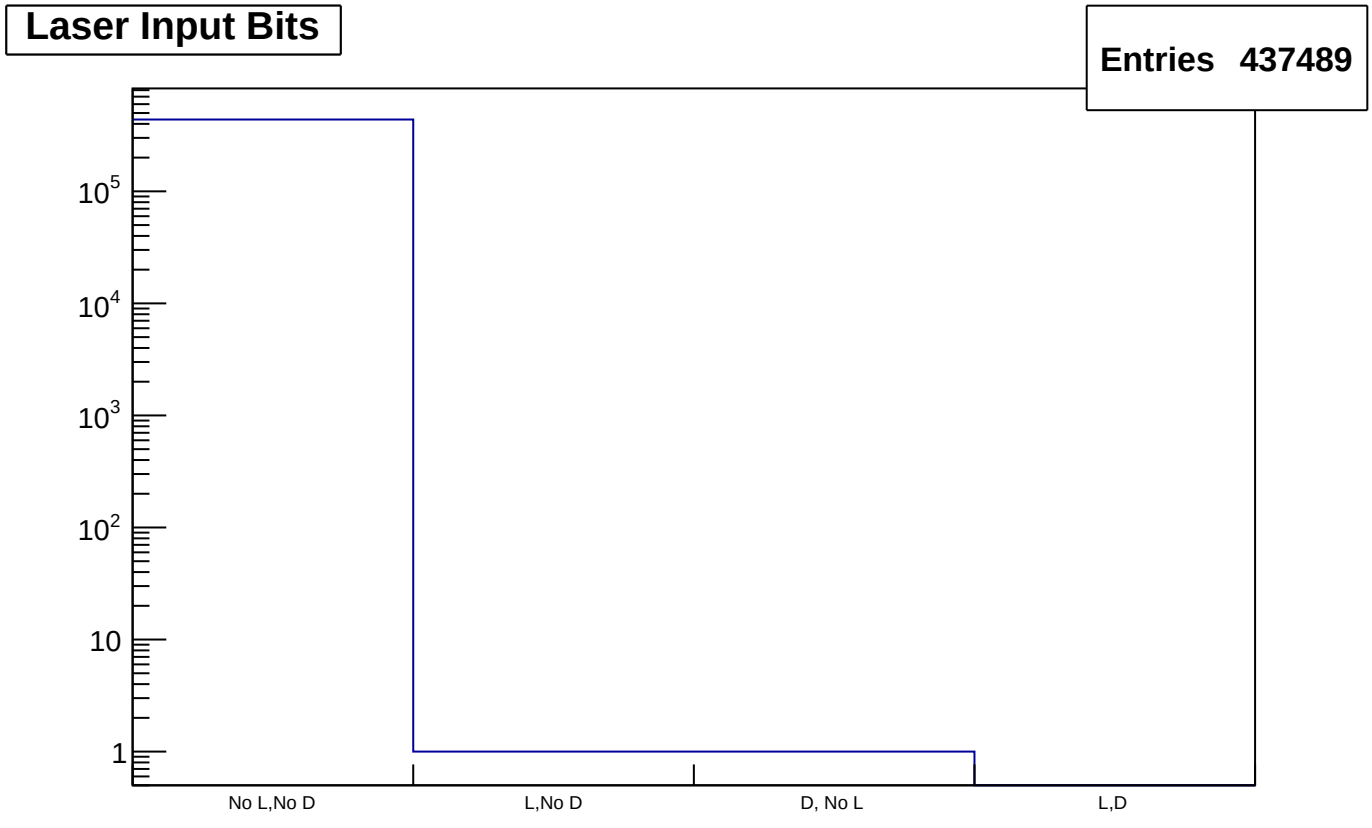

Entries 437489
TOF_Mult
VPD-West ADC Sum

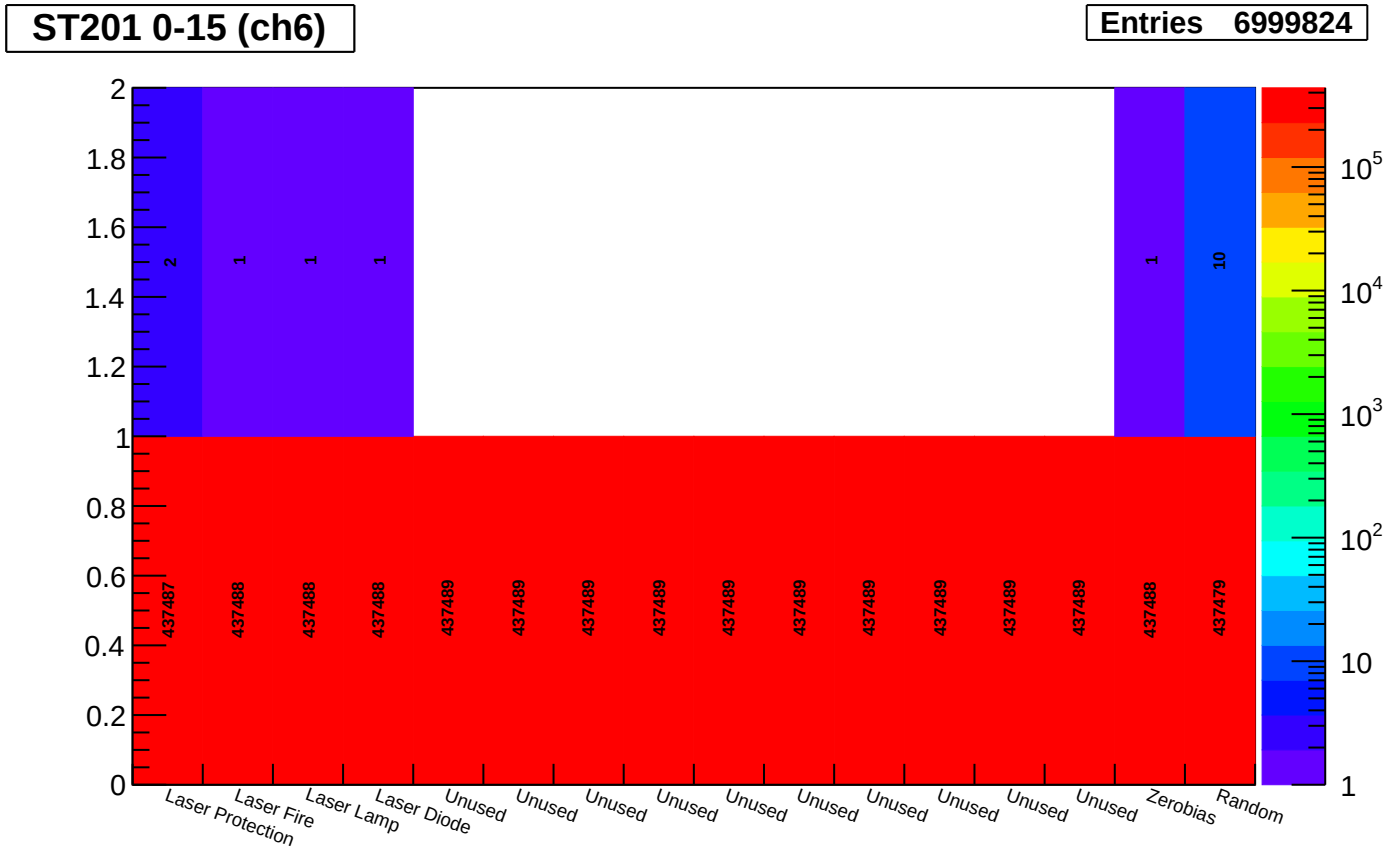

Entries 437489
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

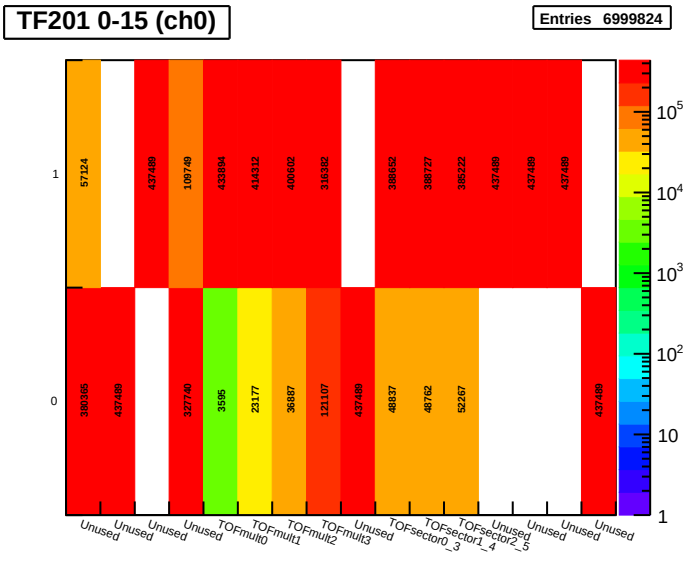

Entries 437489
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

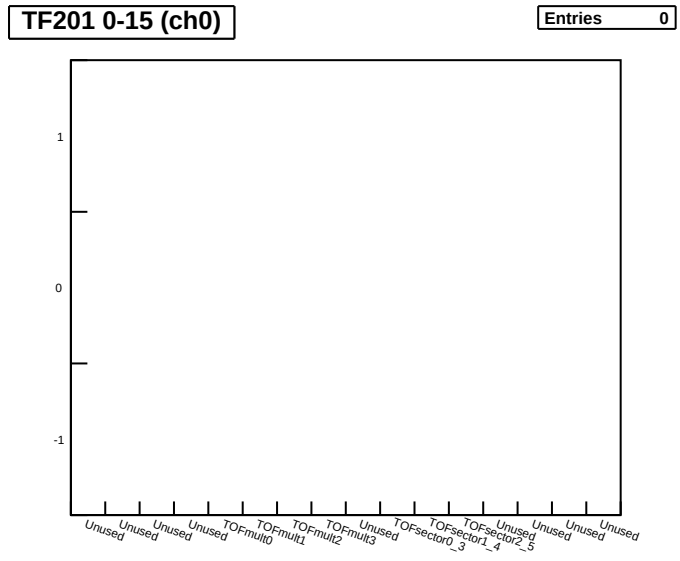

Entries 437489
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

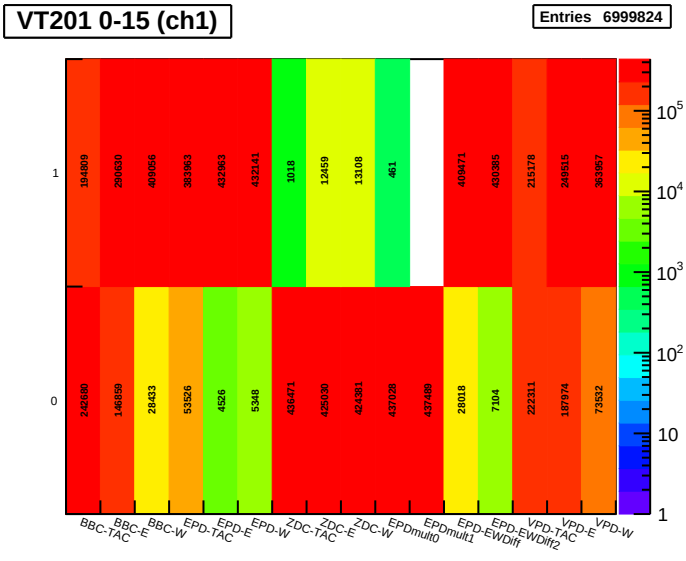

Entries 437489
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

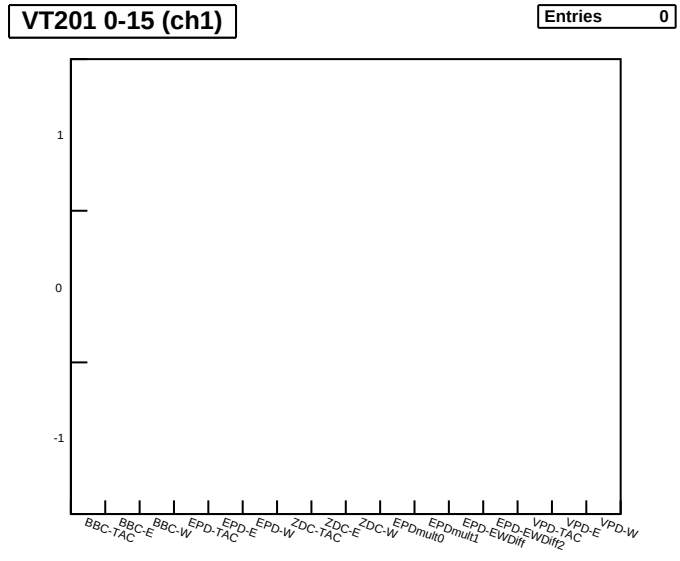

Laser Input Bits
Entries 437489
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

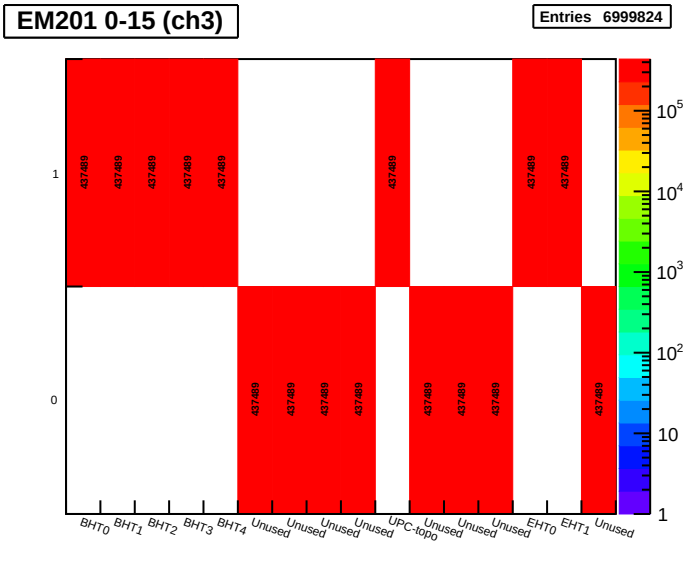

ST201 0-15 (ch6)
Entries 6999824
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
1
10
437487
437488
437488
437488
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437488
437479
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

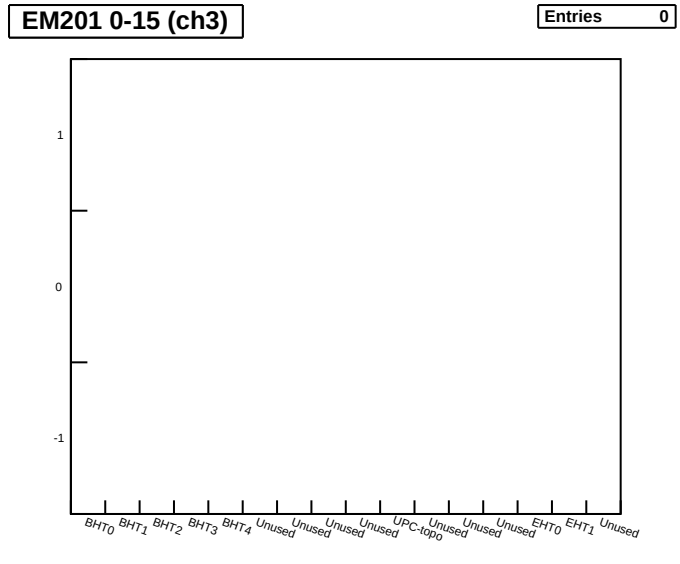

TF201 0-15 (ch0)
Entries 6999824
1
0
57124
437489
109749
433894
414312
400602
316382
388652
388727
385222
437489
437489
437489
380365
437489
327740
3595
23177
36867
121107
437489
48837
49762
52267
437489
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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


VT201 0-15 (ch1)
Entries 6999824
1
0
194809
290630
409056
383963
432963
432141
1018
12459
13108
461
409471
430385
215178
249515
363957
242680
146859
28433
53526
4526
5348
436471
429030
424381
437028
437489
28018
7104
222311
187974
73532
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 6999824
1
0
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
437489
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