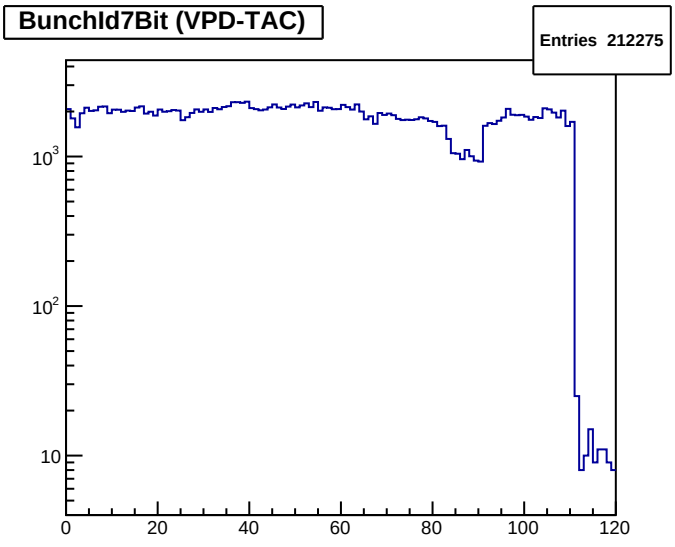
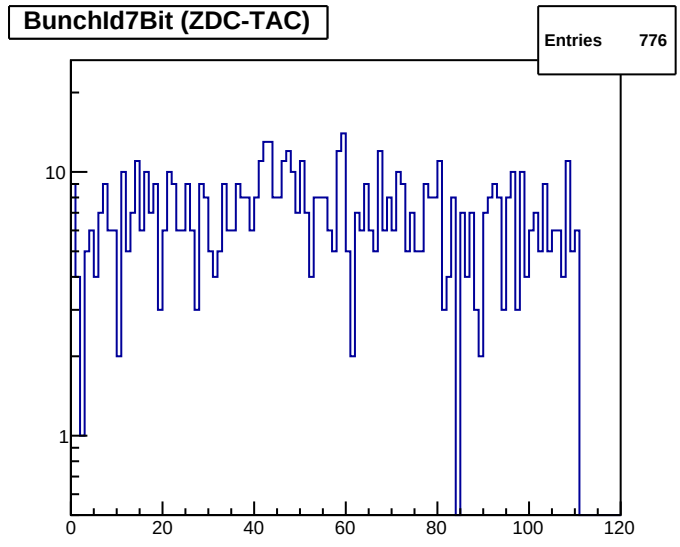
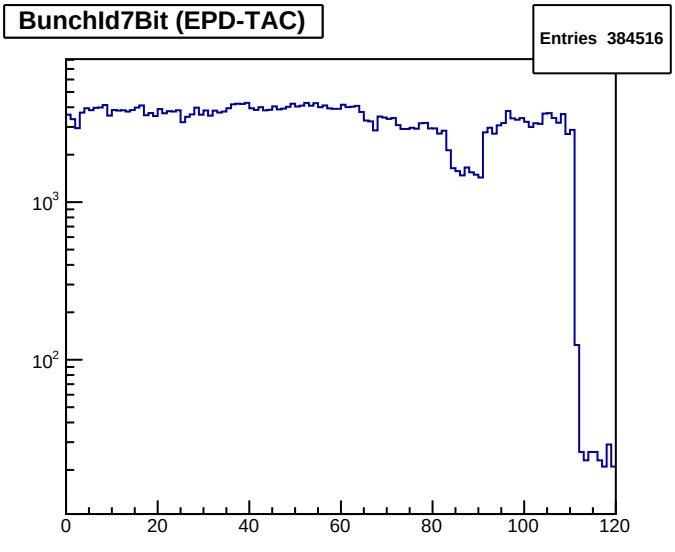
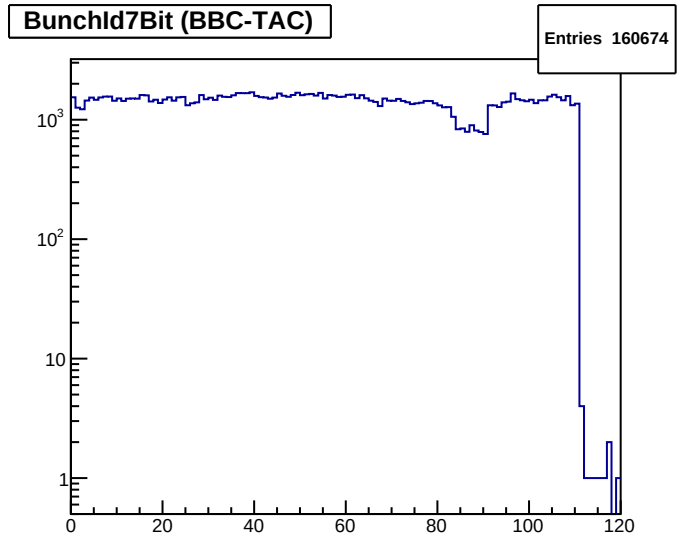
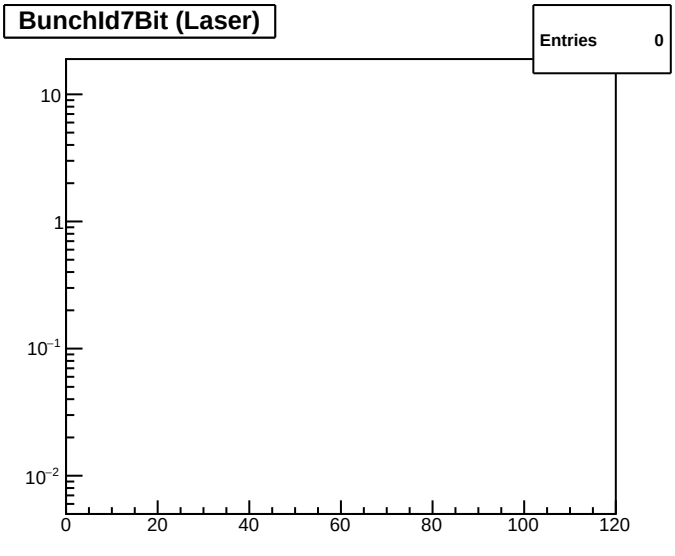
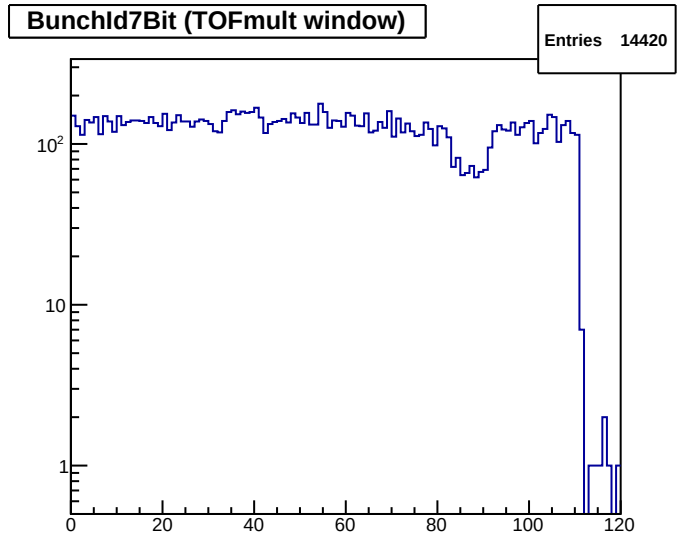

BunchId7Bit (VPD-TAC)
Entries 212275

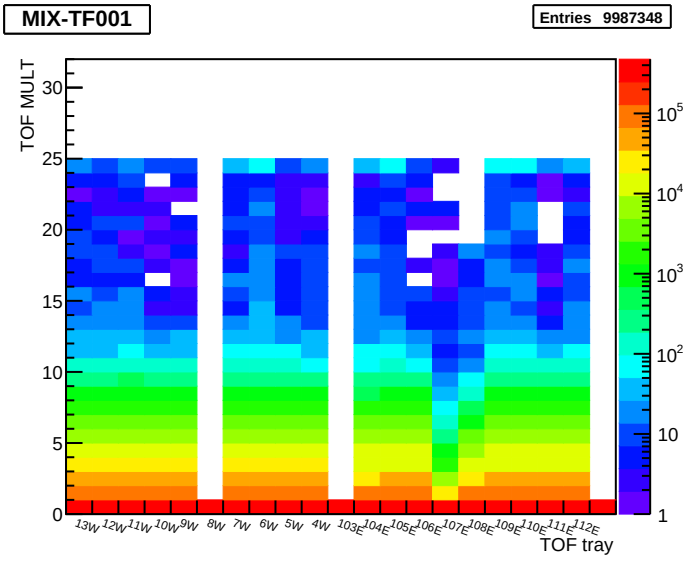

BunchId7Bit (ZDC-TAC)
Entries 776

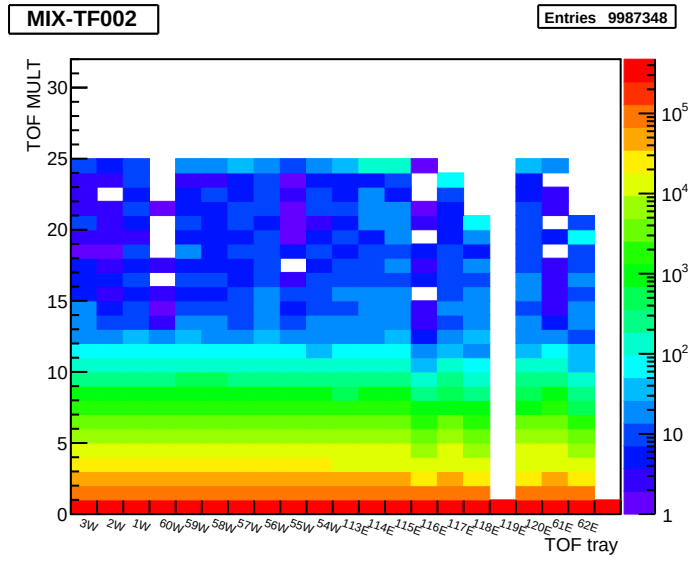

BunchId7Bit (EPD-TAC)
Entries 384516

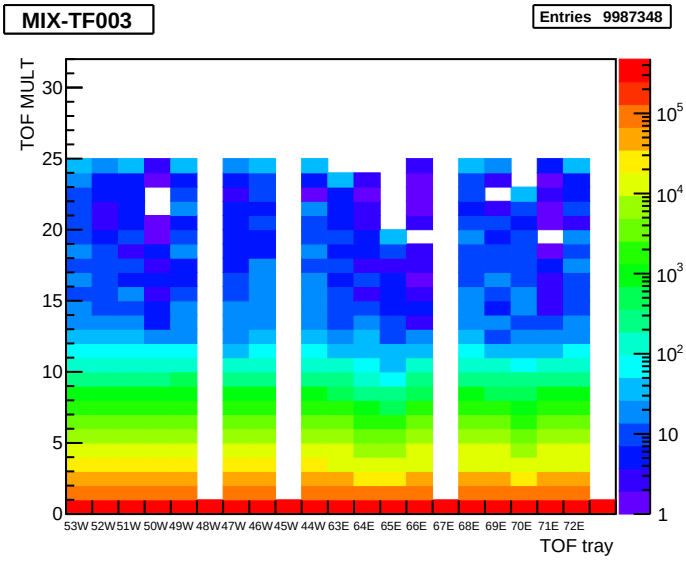

BunchId7Bit (BBC-TAC)
Entries 160674

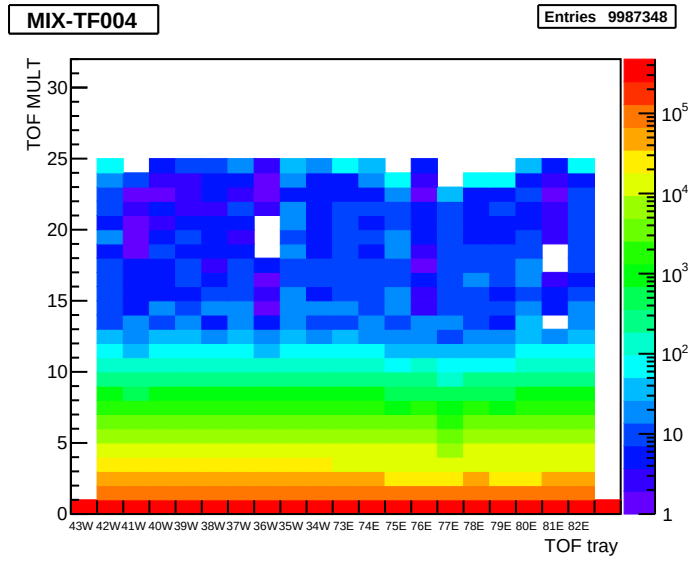

BunchId7Bit (Laser)
Entries 0

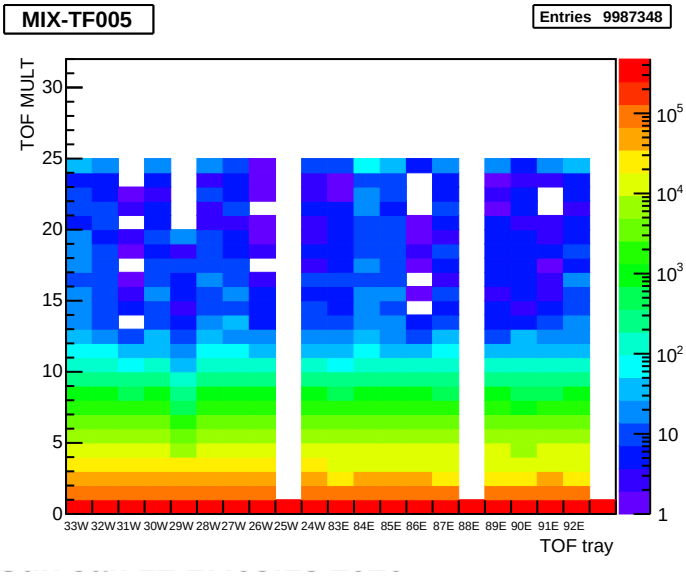

BunchId7Bit (TOFmult window)
Entries 14420

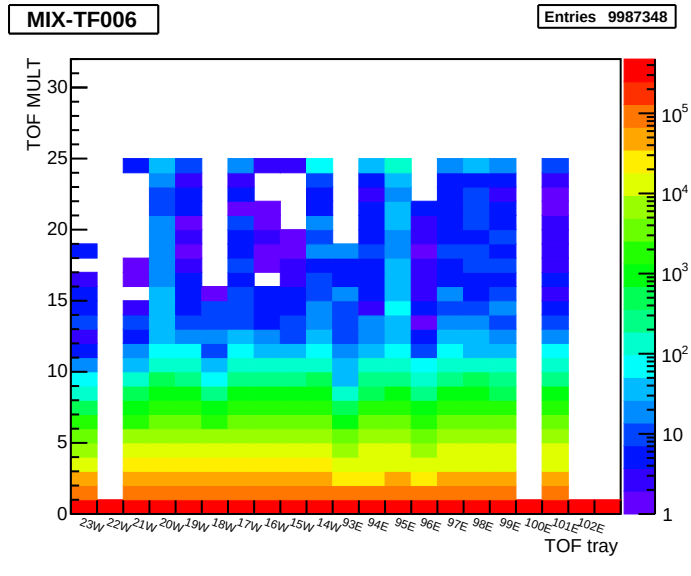

MIX-TF001
Entries 9987348
TOF MULT
TOF tray

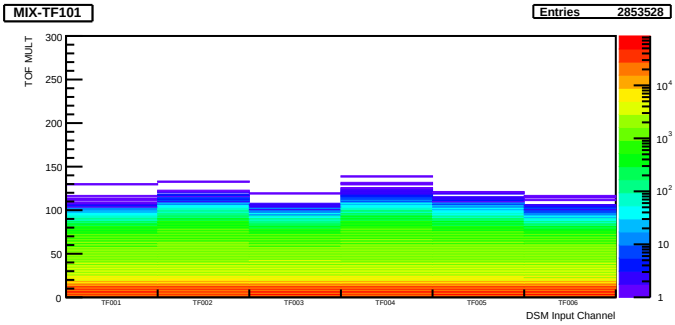

MIX-TF002
Entries 9987348
TOF MULT
TOF tray

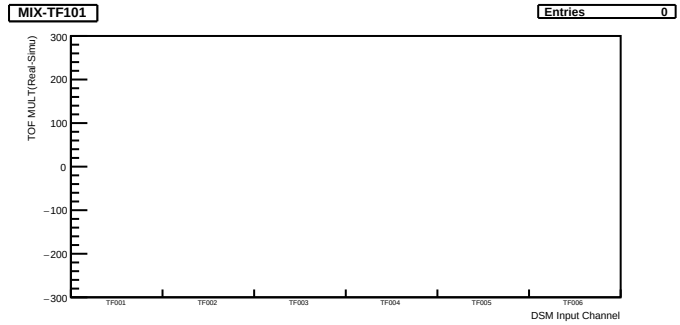

MIX-TF003
Entries 9987348
TOF MULT
TOF tray

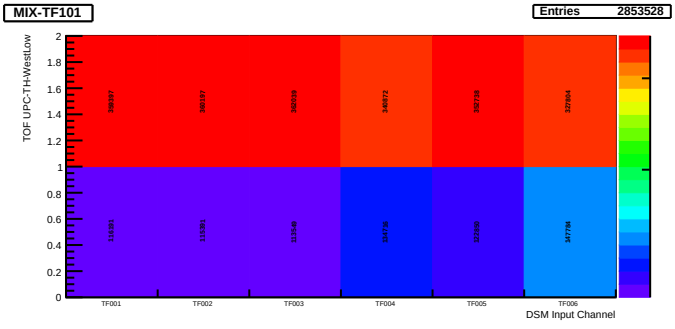

MIX-TF004
Entries 9987348
TOF MULT
TOF tray

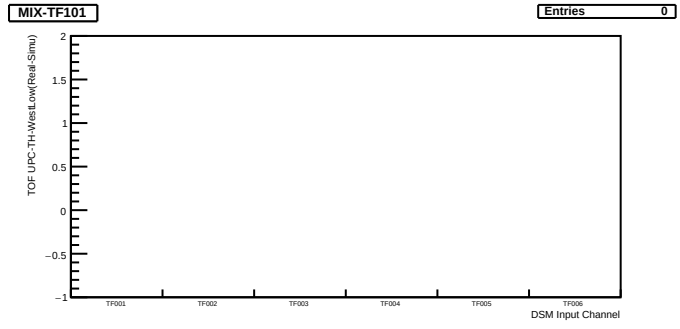

MIX-TF005
Entries 9987348
TOF MULT
TOF tray

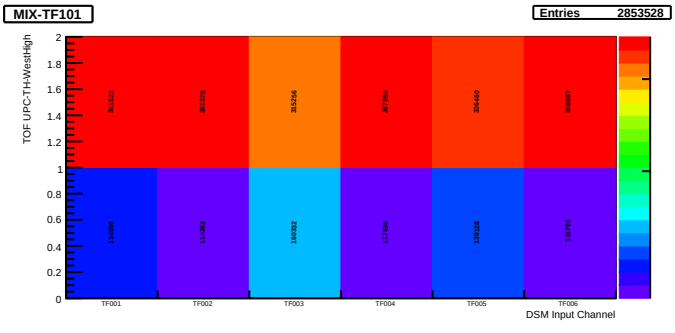

MIX-TF006
Entries 9987348
TOF MULT
TOF tray

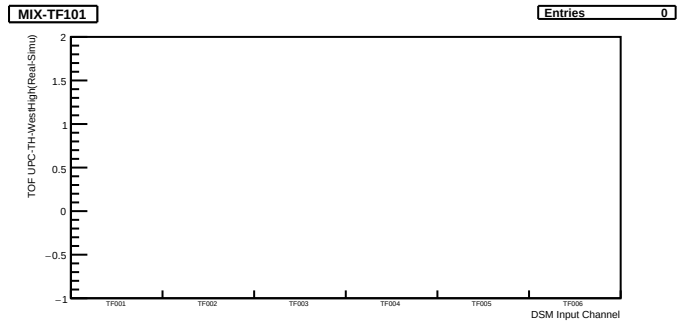

MIX-TF101
Entries 2853528
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

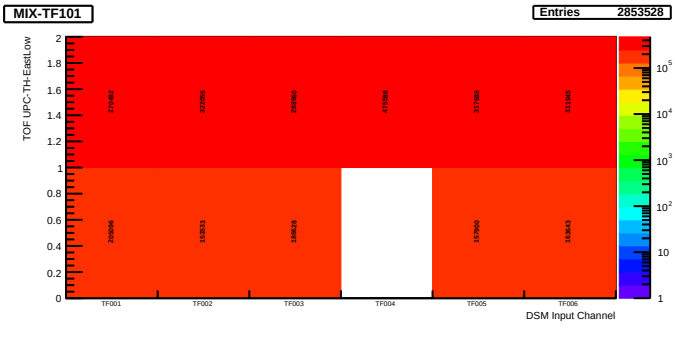

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

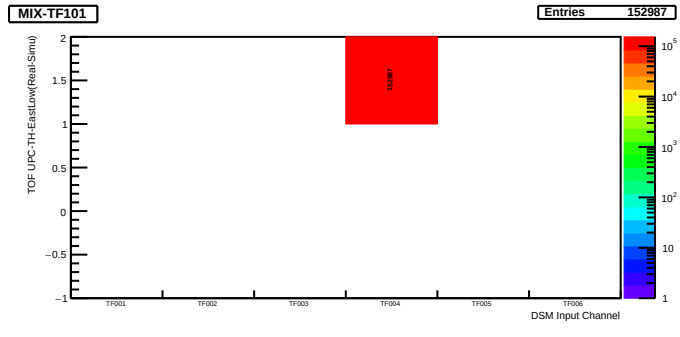

MIX-TF101
Entries 2853528
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

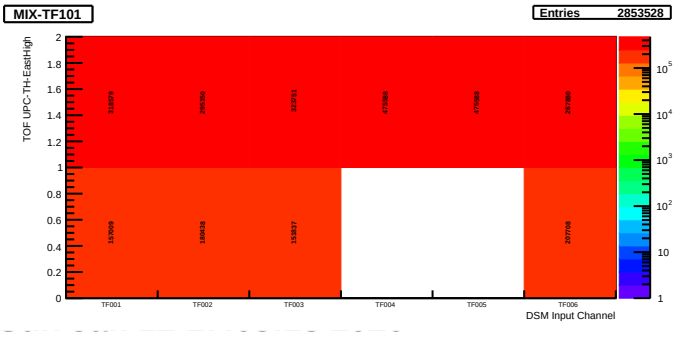

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

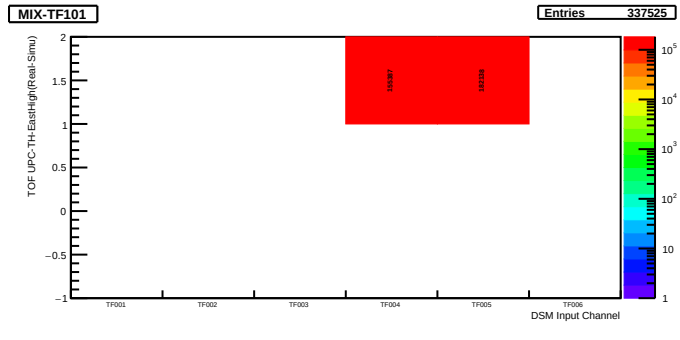

MIX-TF101
Entries 2853528
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

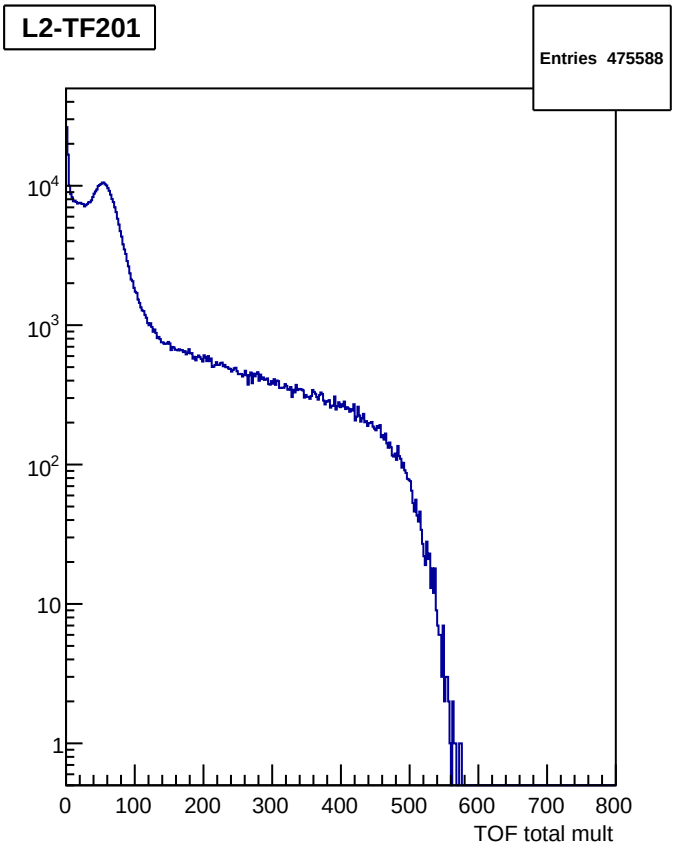

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

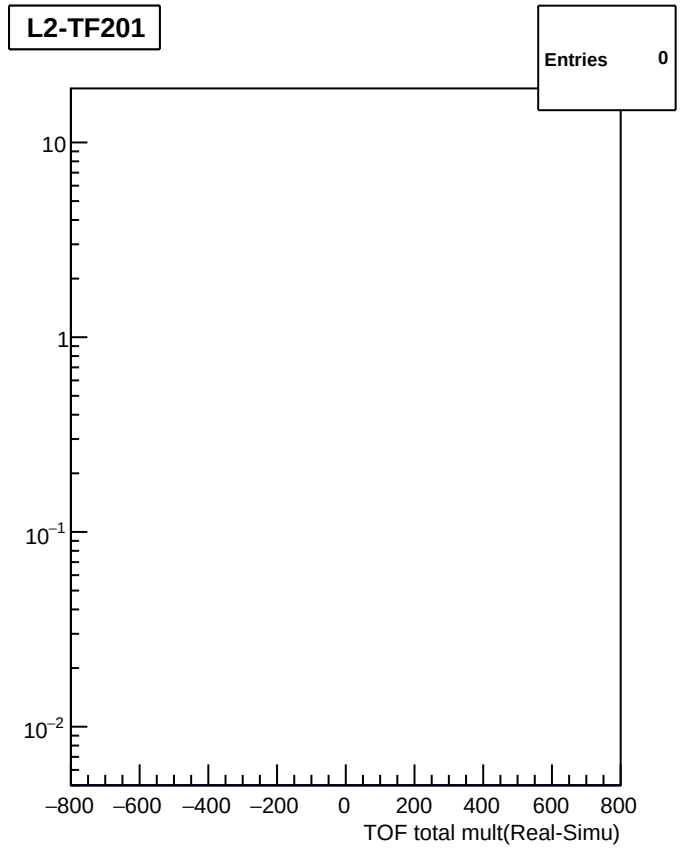

MIX-TF101
Entries 2853528
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

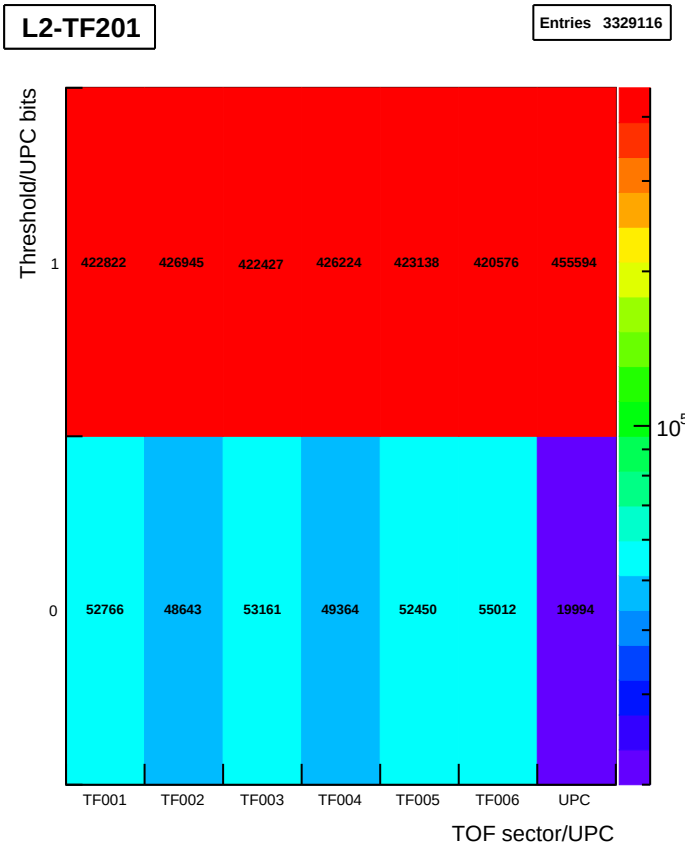

MIX-TF101
Entries 152987
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

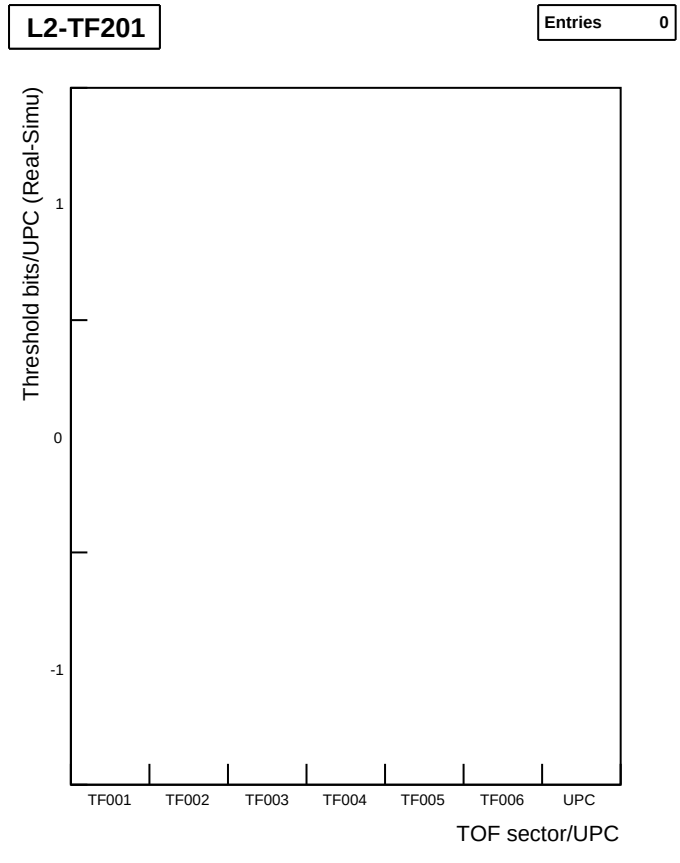

MIX-TF101
Entries 2853528
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

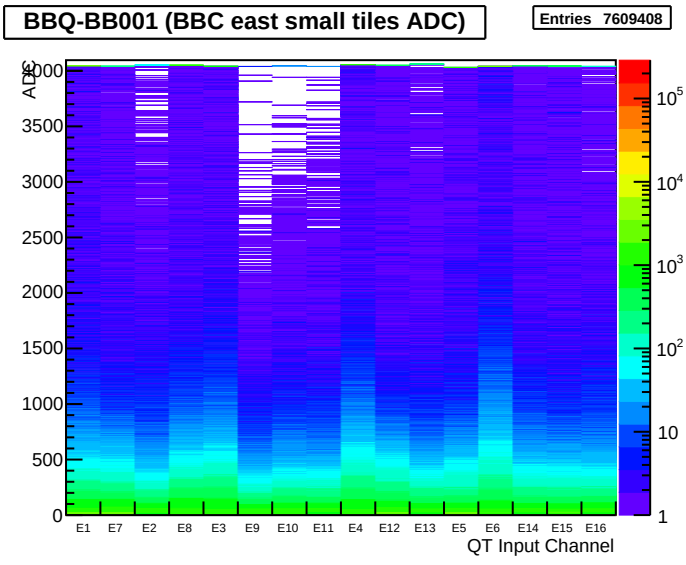

MIX-TF101
Entries 337525
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

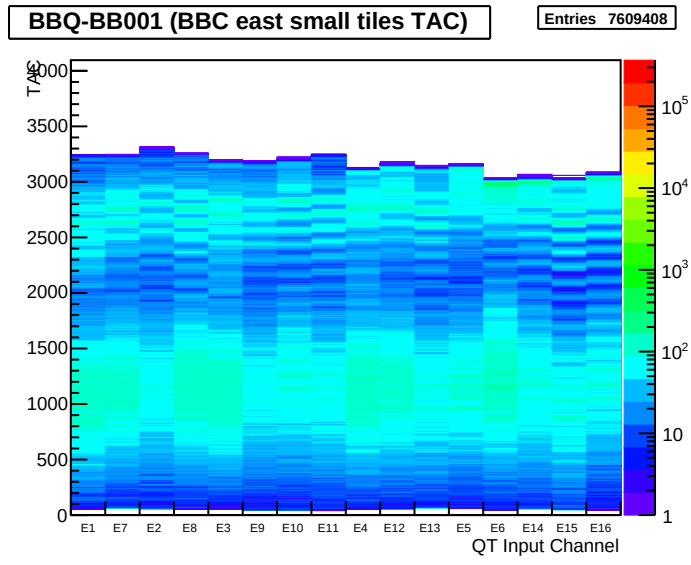

L2-TF201
Entries 475588
TOF total mult

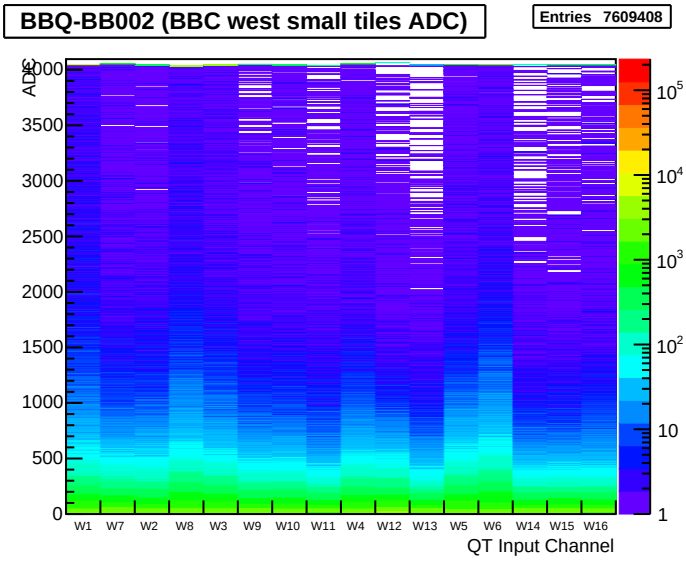

L2-TF201
Entries 0
TOF total mult(Real-Simu)

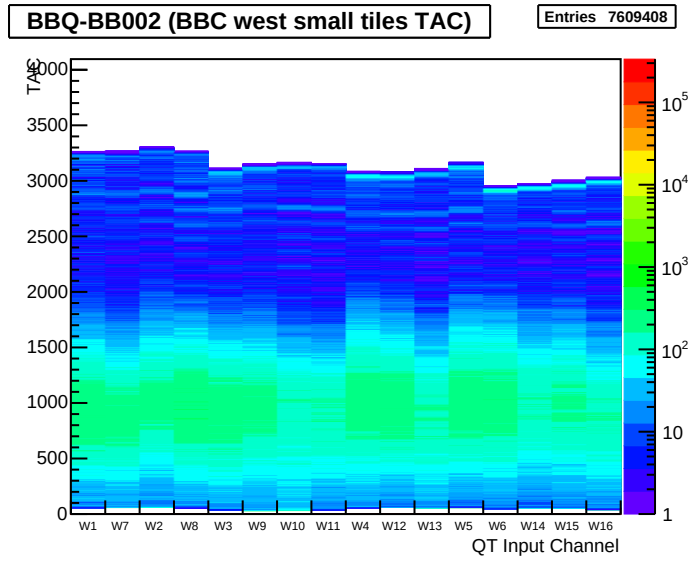

L2-TF201
Entries 3329116
Threshold/UPC bits
422822
426945
422427
426224
423138
420576
455594
52766
48643
53161
49364
52450
55012
19994
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

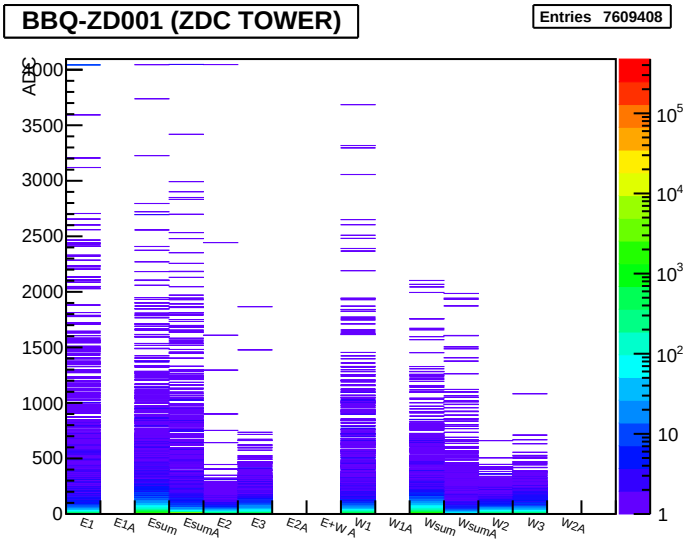

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

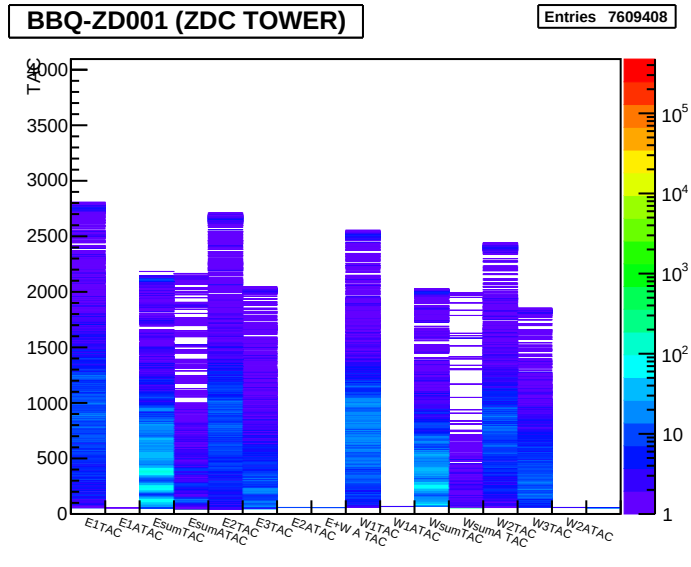

BBQ-BB001 (BBC east small tiles ADC)
Entries 7609408
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

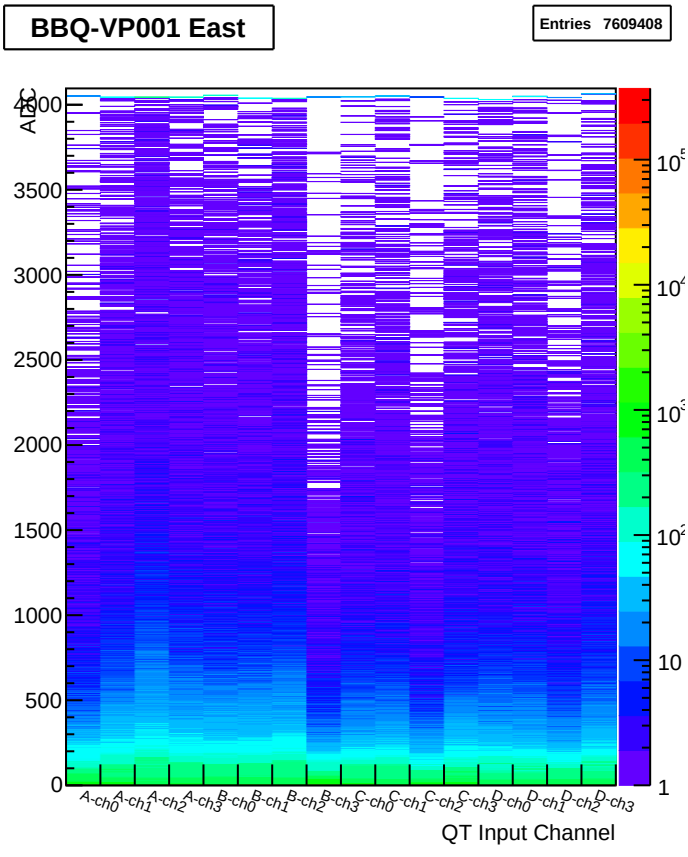

BBQ-BB001 (BBC east small tiles TAC)
Entries 7609408
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

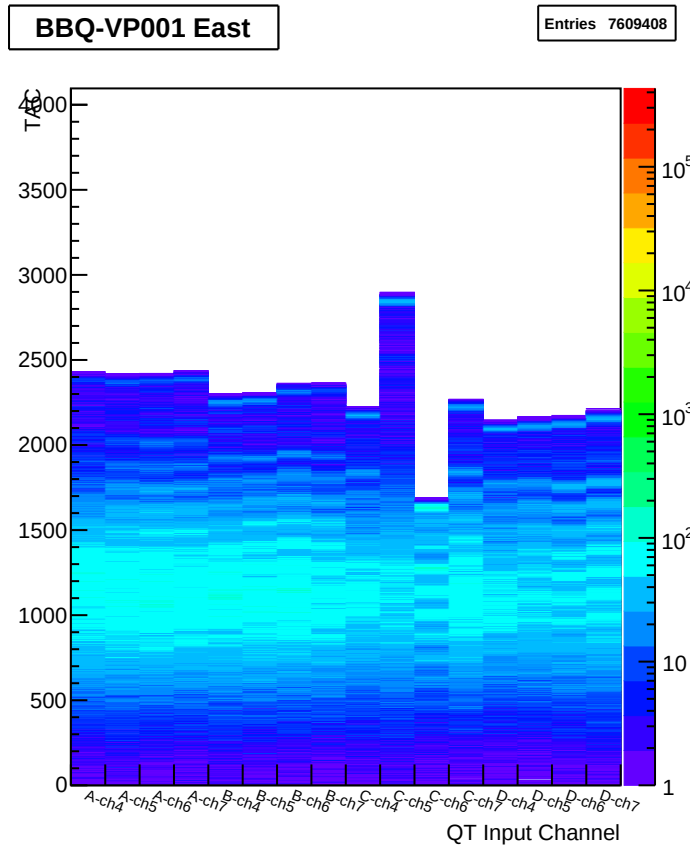

BBQ-BB002 (BBC west small tiles ADC)
Entries 7609408
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

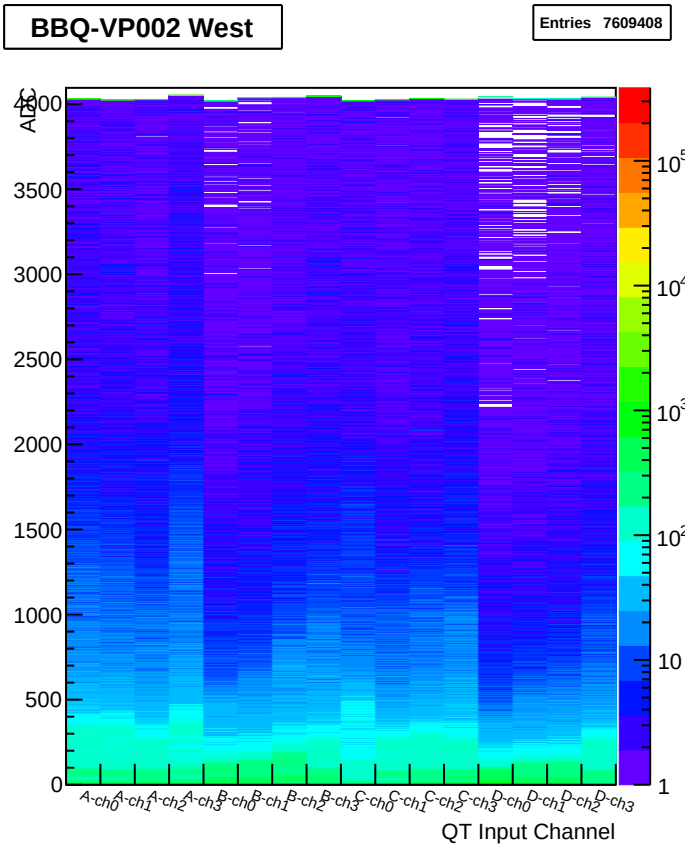

BBQ-BB002 (BBC west small tiles TAC)
Entries 7609408
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

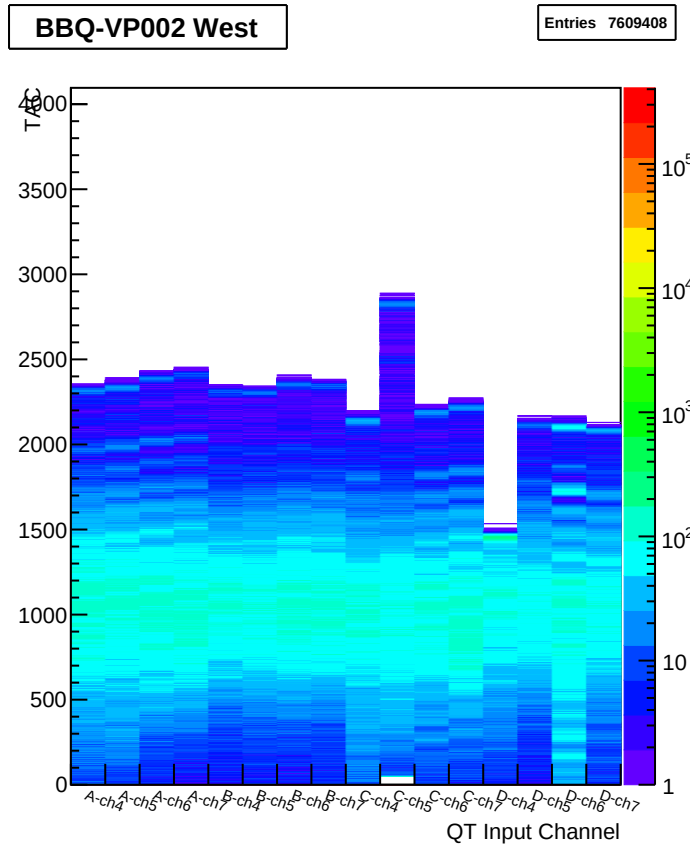

BBQ-ZD001 (ZDC TOWER)
Entries 7609408
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

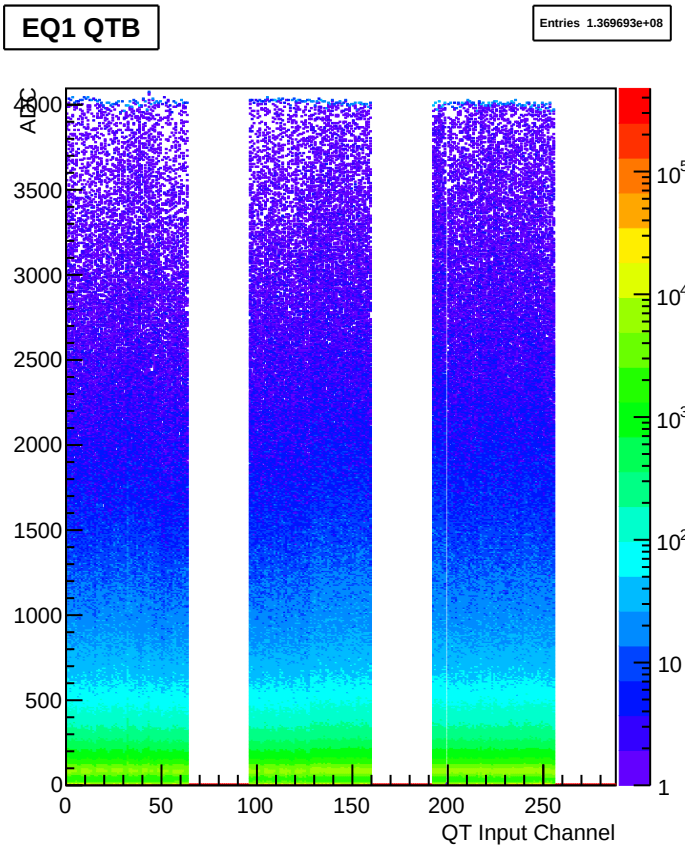

BBQ-ZD001 (ZDC TOWER)
Entries 7609408
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

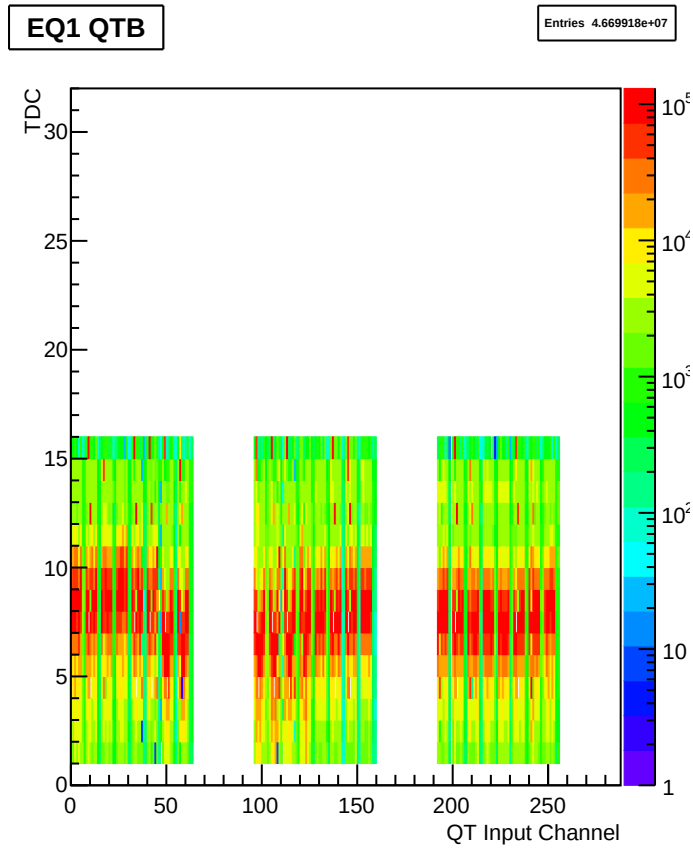

BBQ-VP001 East
Entries 7609408
ADC
QT Input Channel

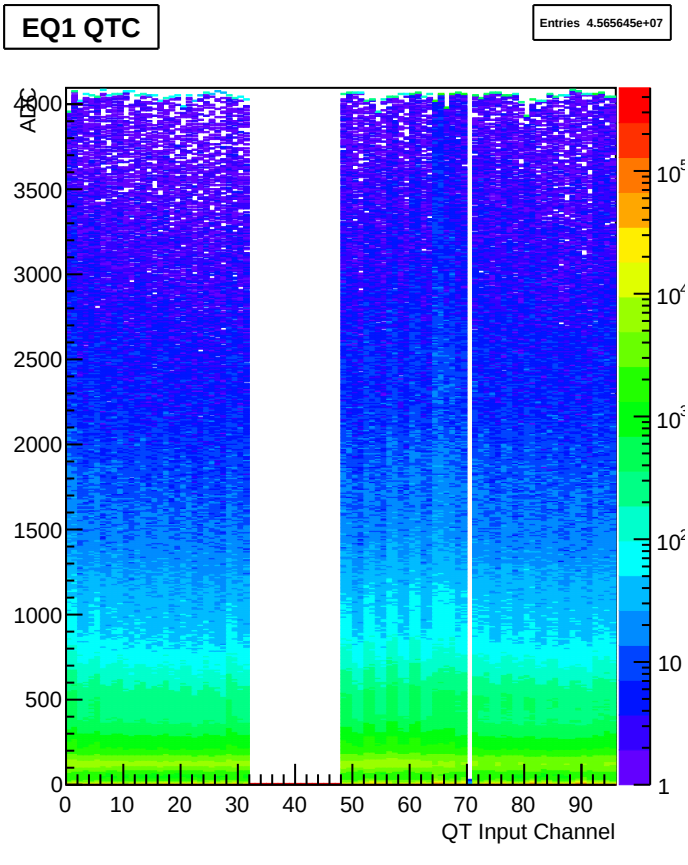

BBQ-VP001 East
Entries 7609408
TADC
QT Input Channel

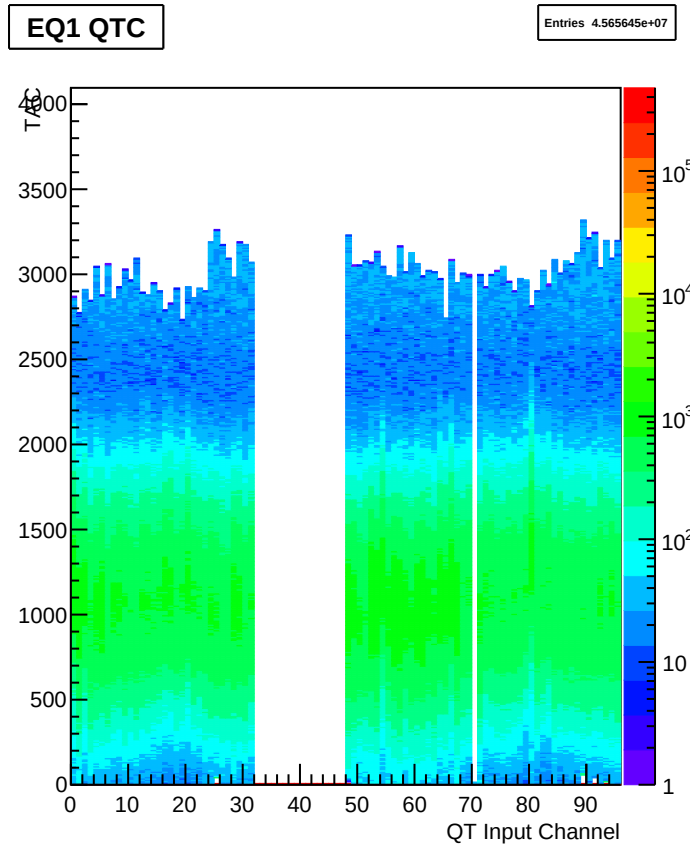

BBQ-VP002 West
Entries 7609408
ADC
QT Input Channel

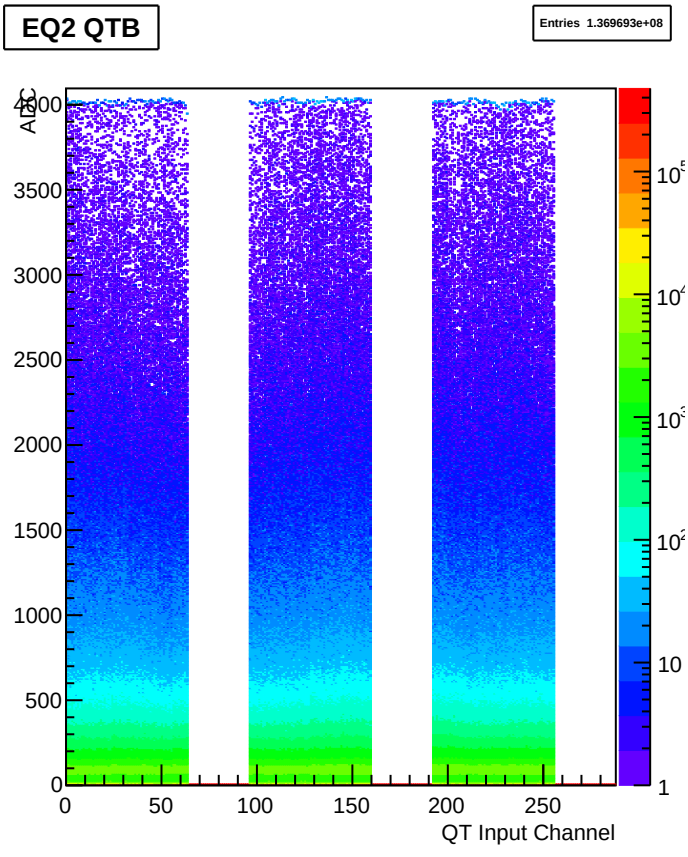

BBQ-VP002 West
Entries 7609408
TADC
QT Input Channel

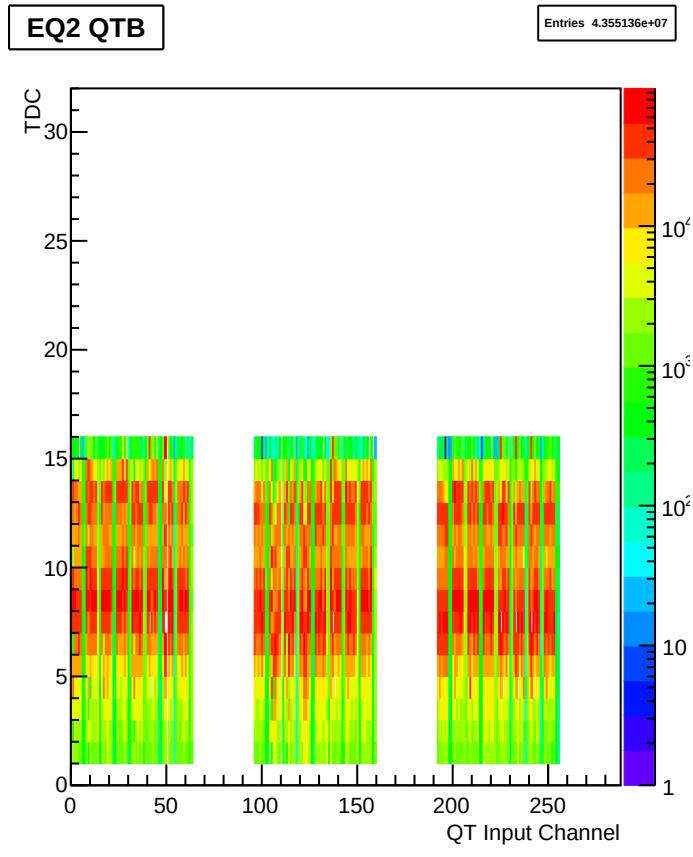

EQ1 QTB
Entries 1.369693e+08
ADC
QT Input Channel

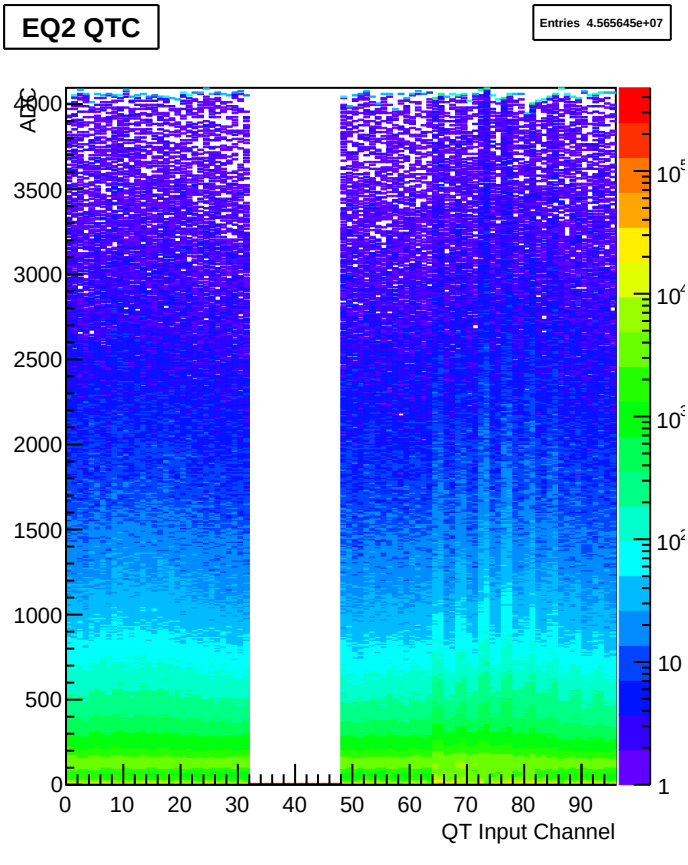

EQ1 QTB
Entries 4.669918e+07
TDC
QT Input Channel

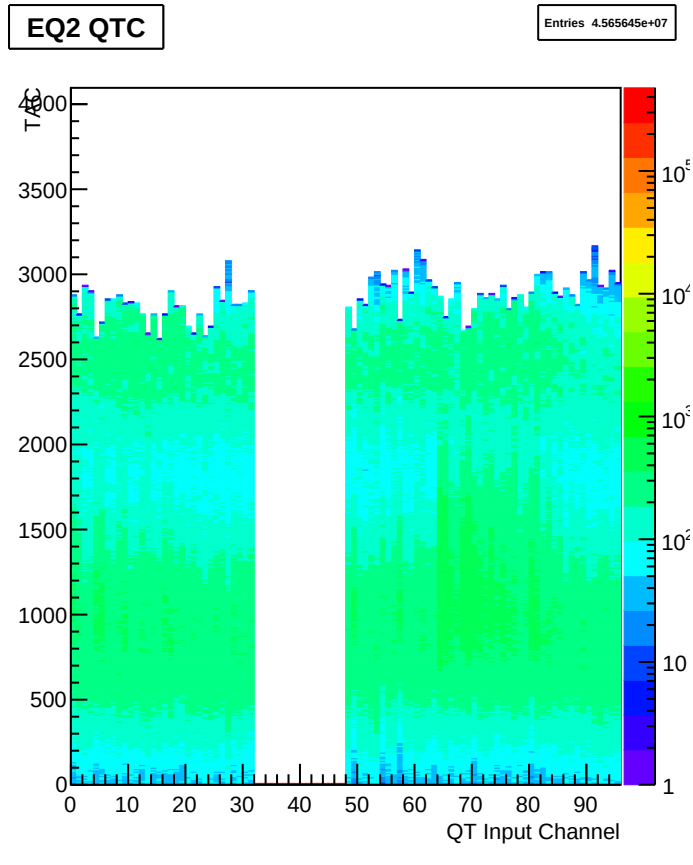

EQ1 QTC
Entries 4.565645e+07
ADC
QT Input Channel

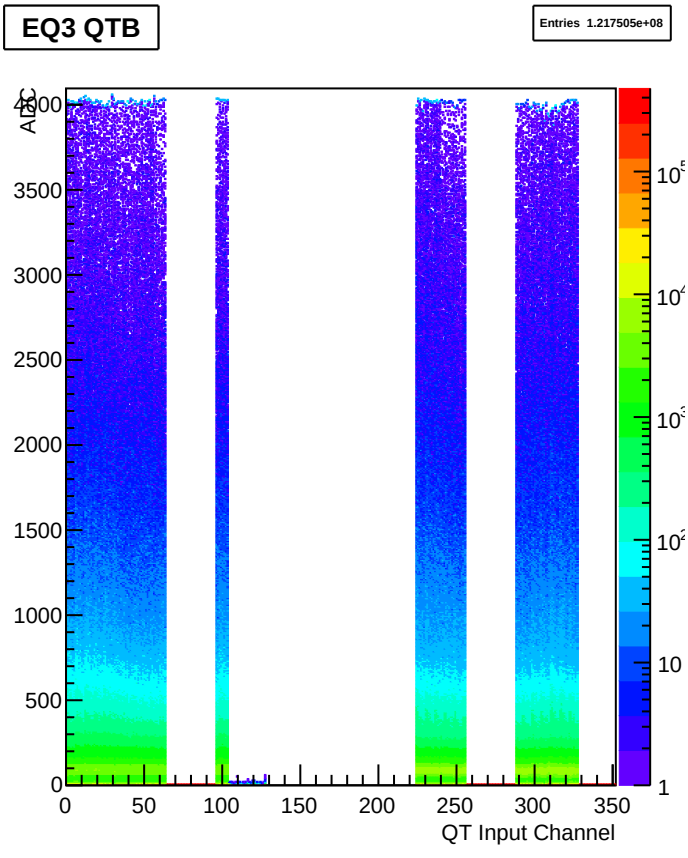

EQ1 QTC
Entries 4.565645e+07
TADC
QT Input Channel

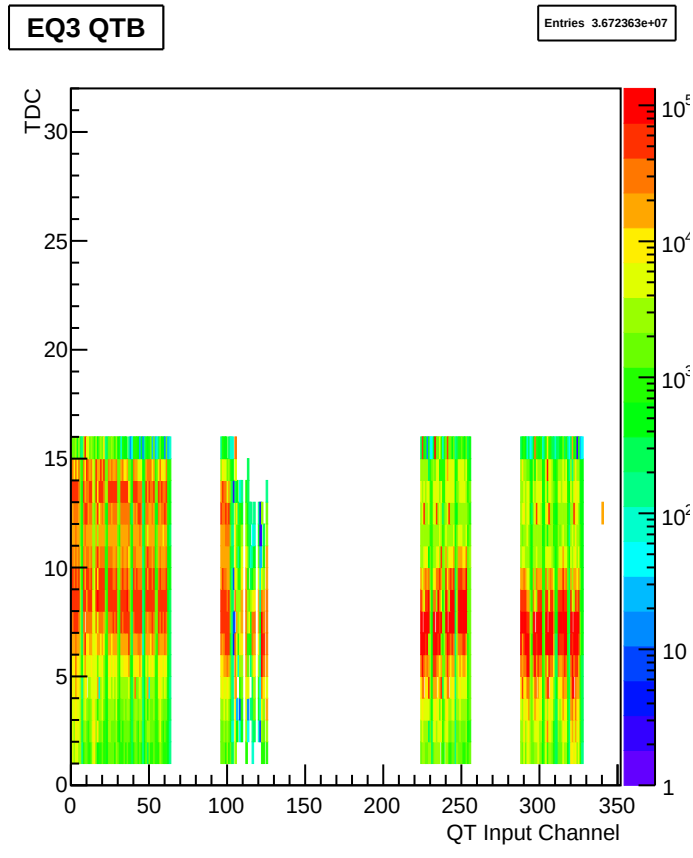

EQ2 QTB
Entries 1.369693e+08
ADC
QT Input Channel

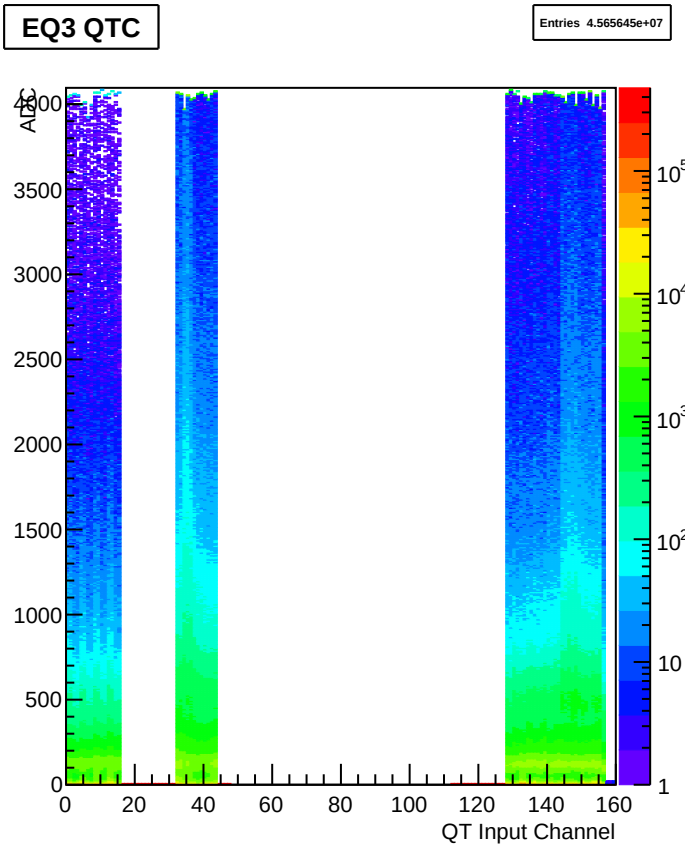

EQ2 QTB
Entries 4.355136e+07
TDC
QT Input Channel

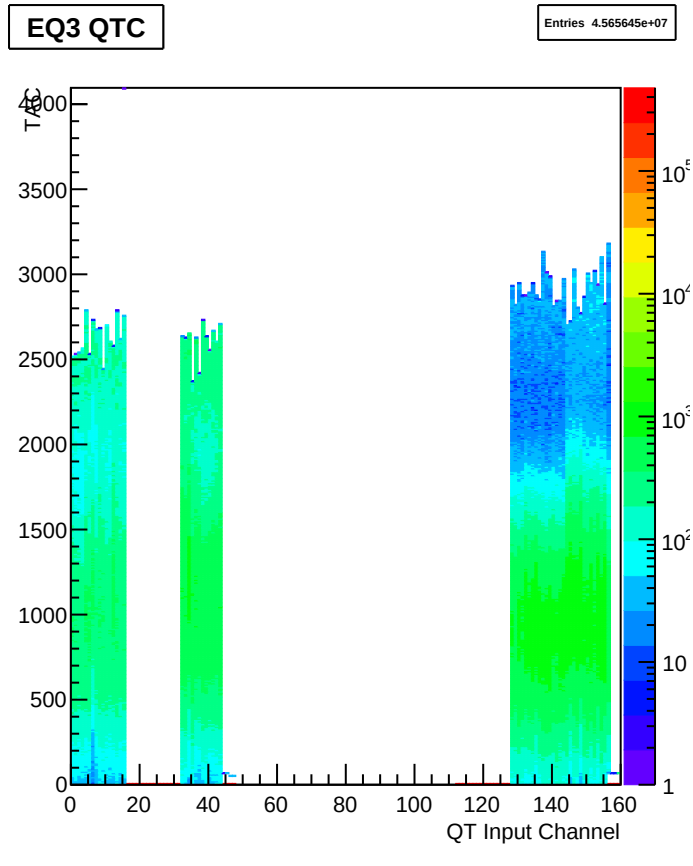

EQ2 QTC
Entries 4.565645e+07
ADC
QT Input Channel

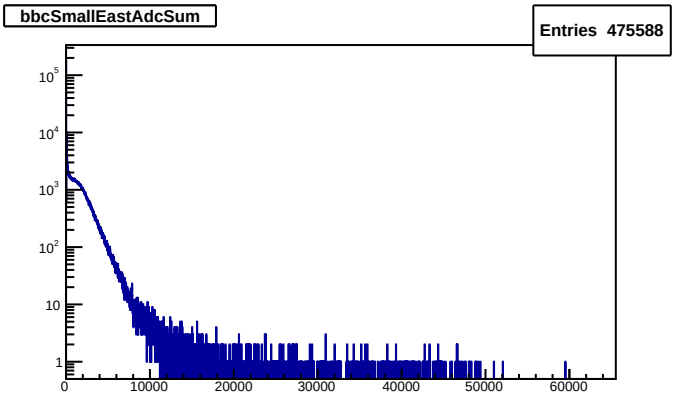

EQ2 QTC
Entries 4.565645e+07
TADC
QT Input Channel

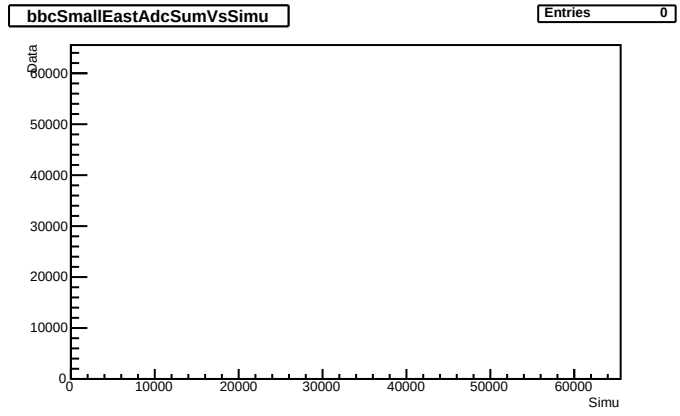

EQ3 QTB
Entries 1.217505e+08
ADC
QT Input Channel

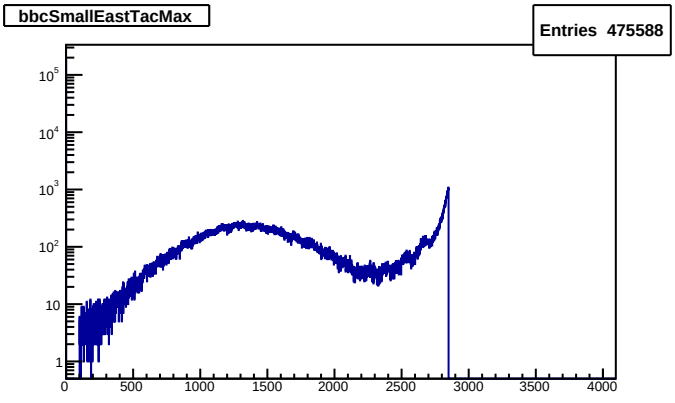

EQ3 QTB
Entries 3.672363e+07
TDC
QT Input Channel

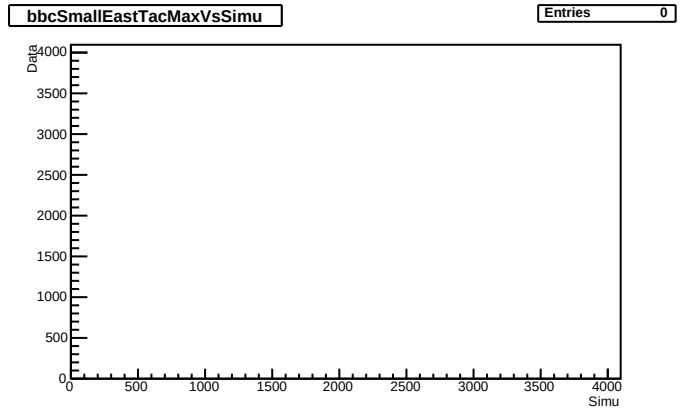

EQ3 QTC
Entries 4.565645e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.565645e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 475588


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 475588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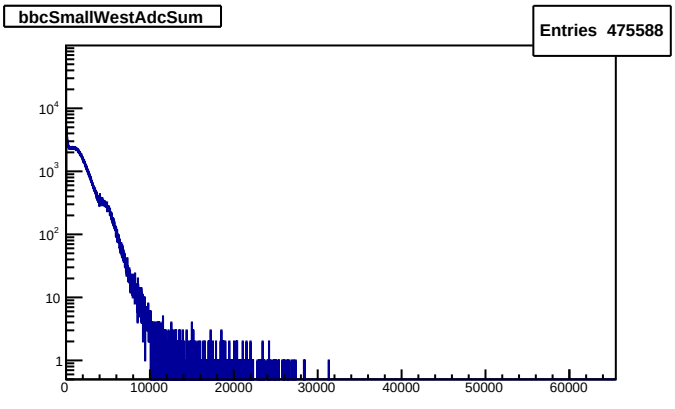
Data
Simu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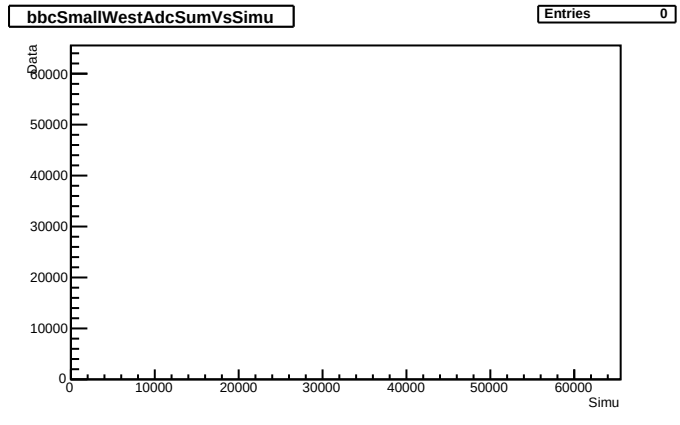
Entries 475588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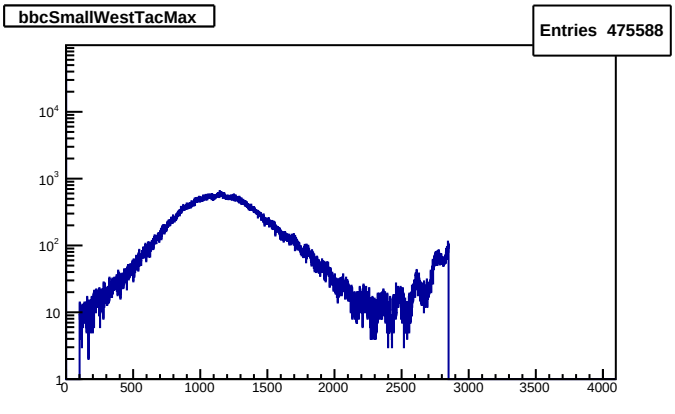
Entries 0
Data
Simu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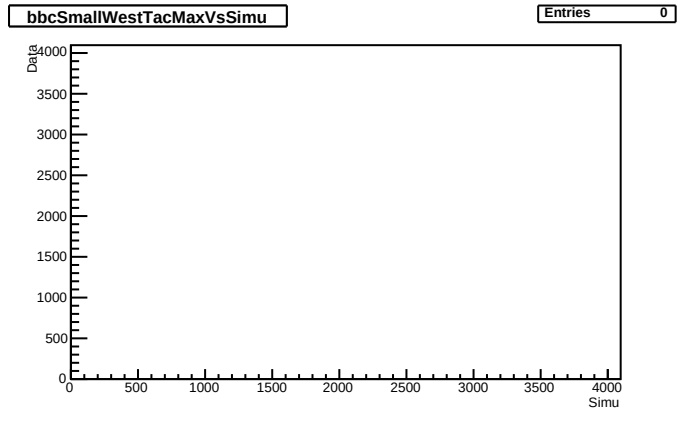
Entries 475588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Entries 0
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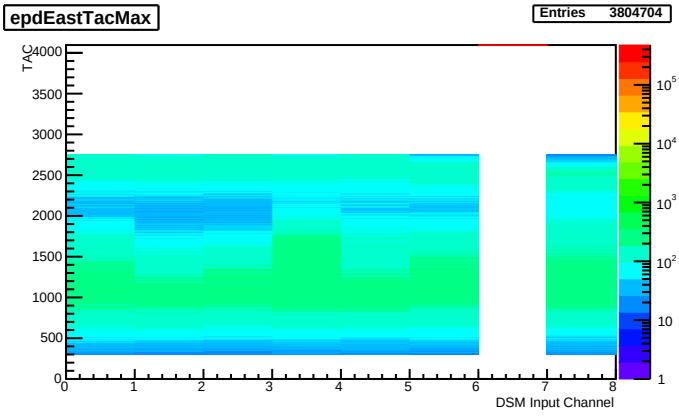
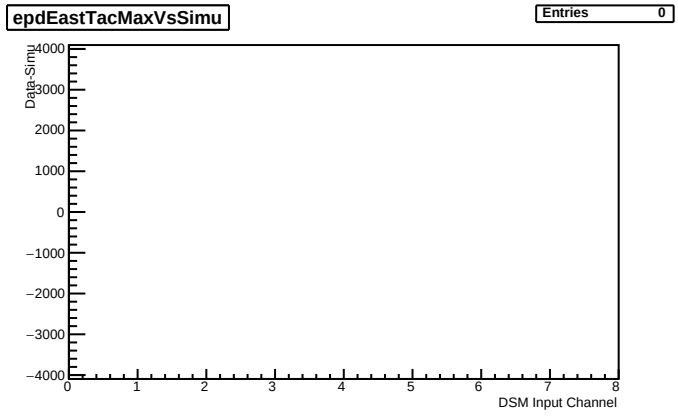
Simu


epdEastTacMax
Entries 3804704
TAC
DSM Input Channel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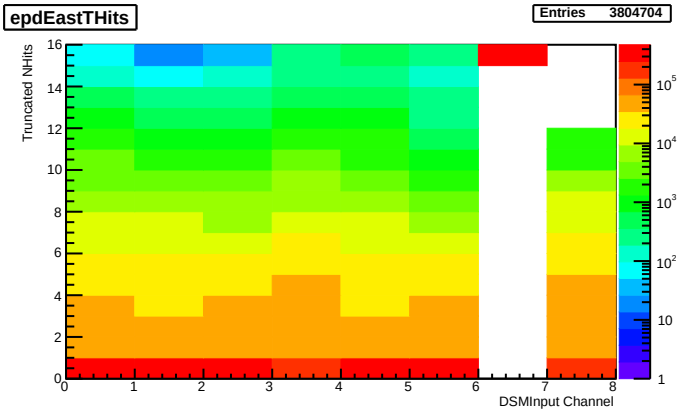
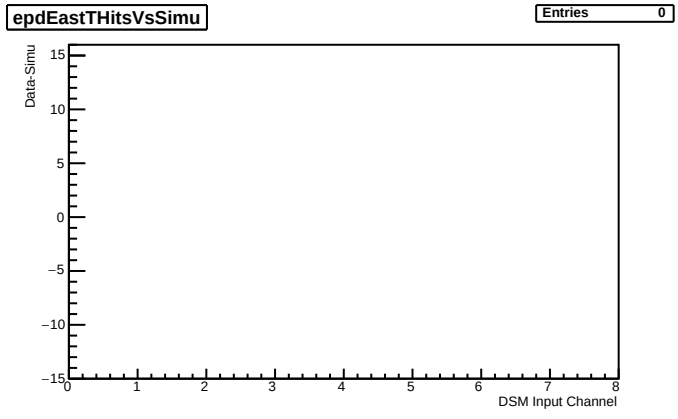
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3804704
Truncated NHits
DSMInput Channel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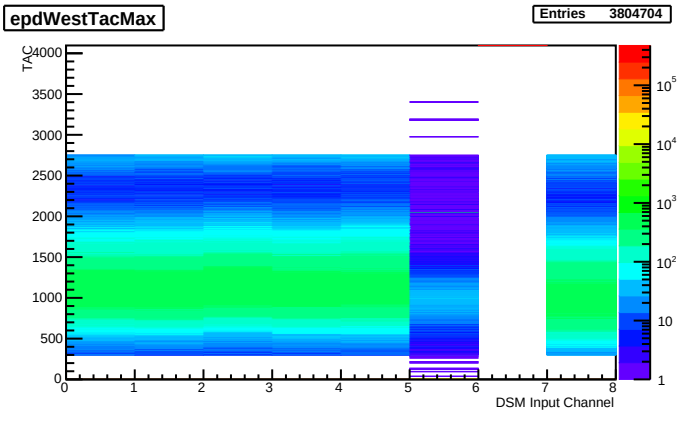
Data-Simu
DSM Input Channel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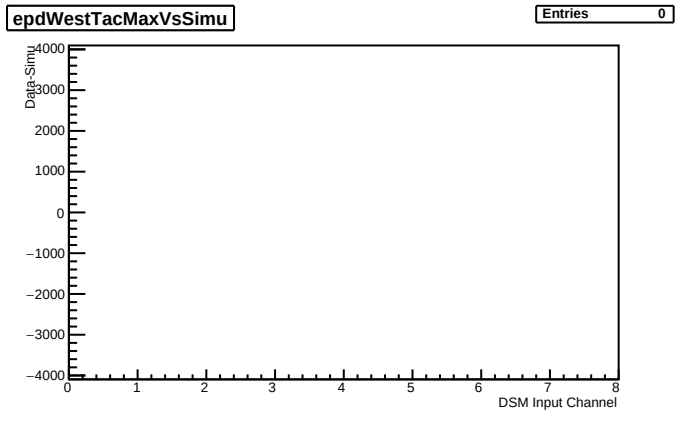
Entries 3804704
TAC
DSM Input Channel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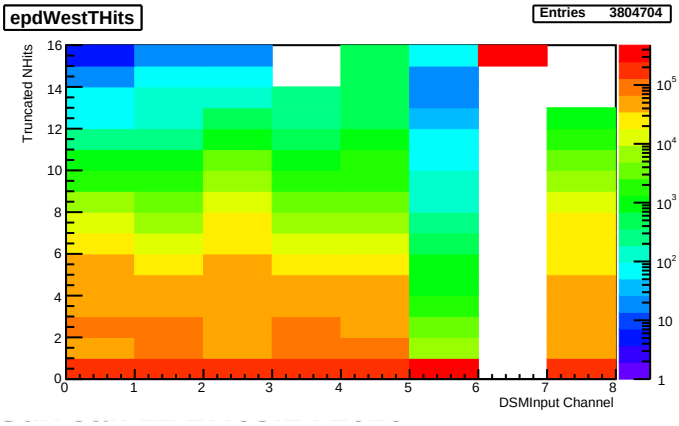
Data-Simu
DSM Input Channel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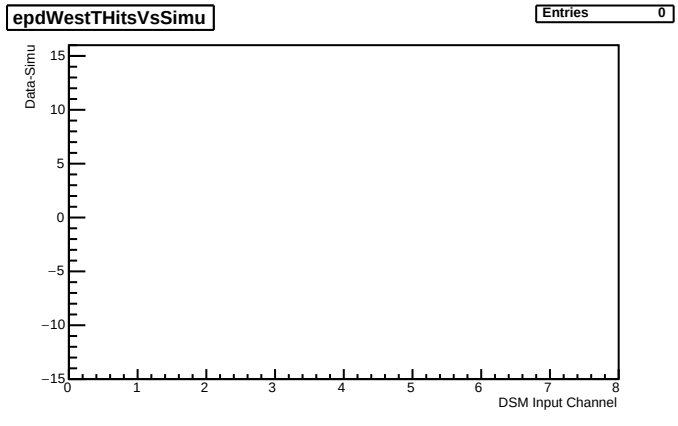
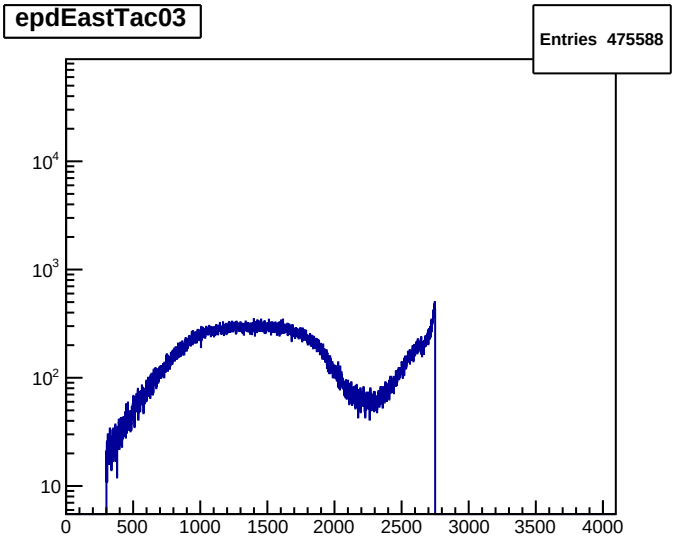
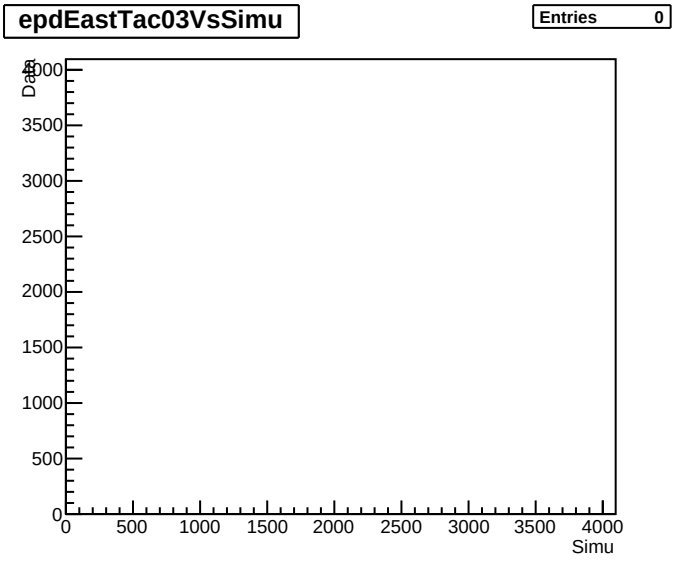
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 475588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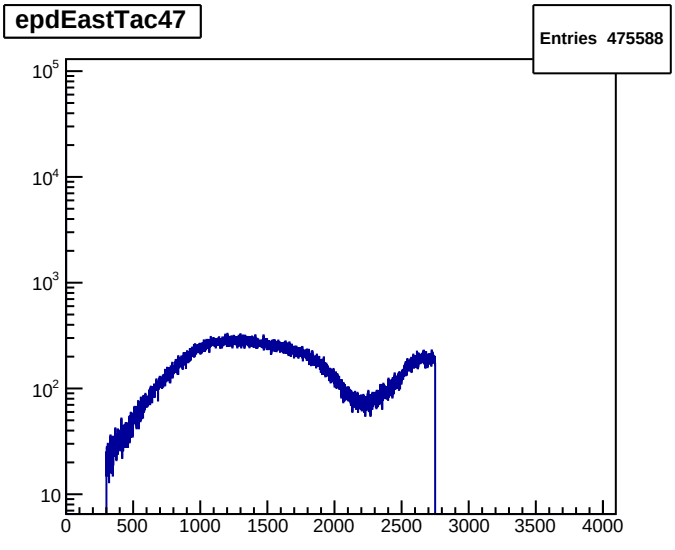
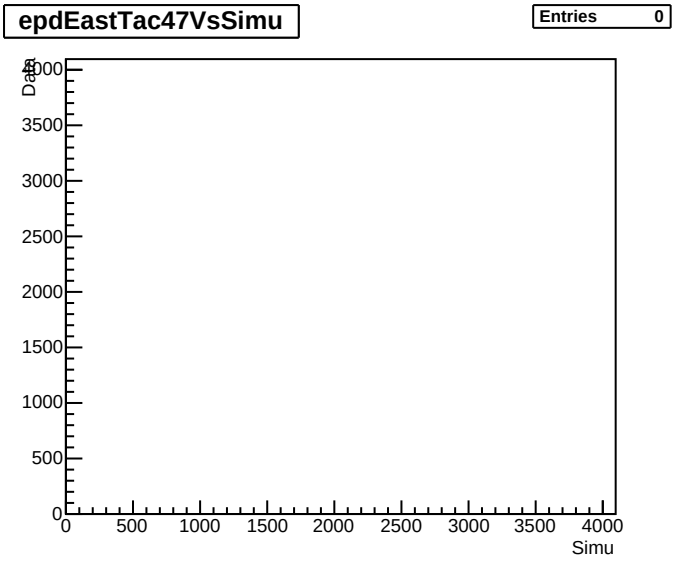
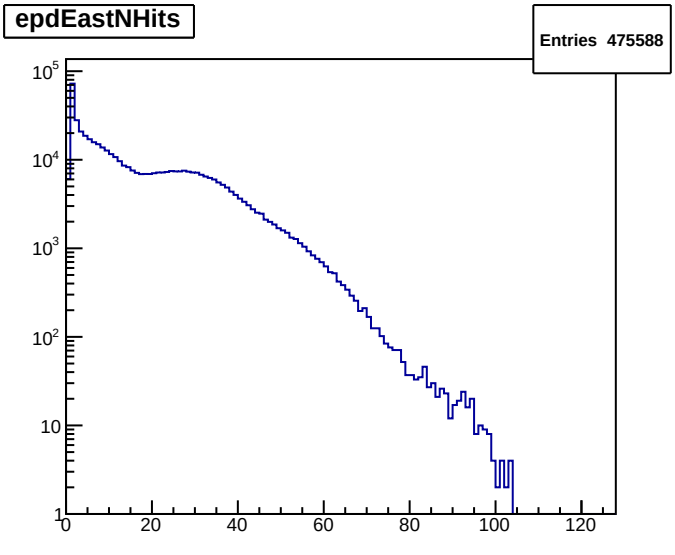
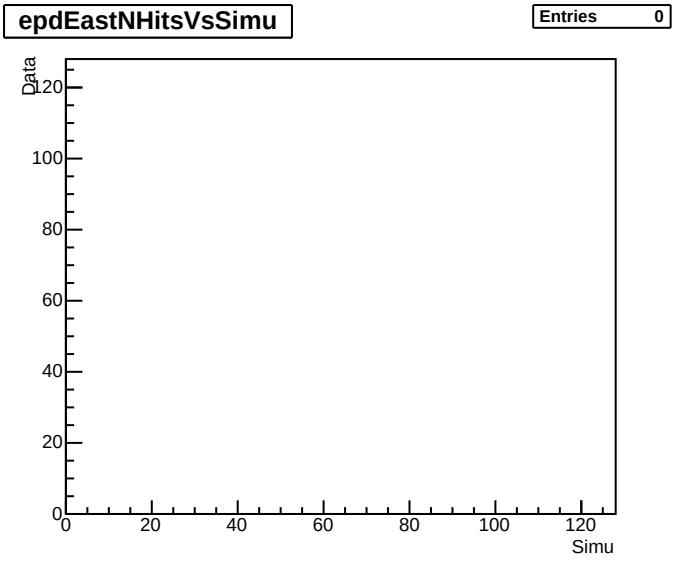
Entries 0
Data
Simu


epdEastTac47
Entries 475588


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 475588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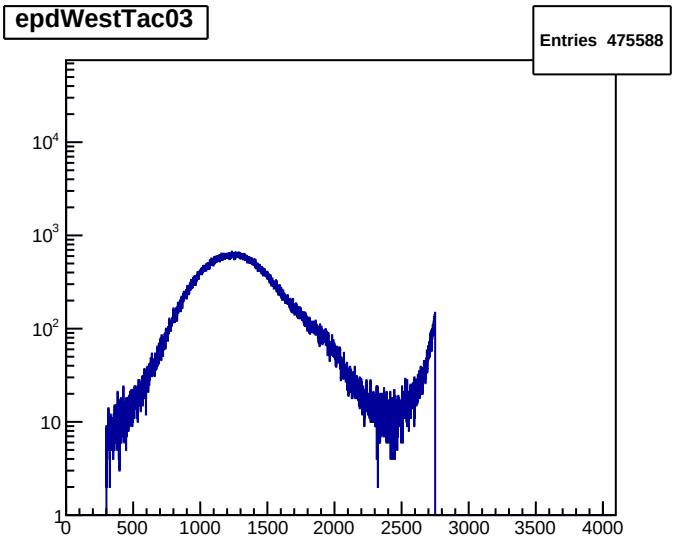
Entries 0
Data
Simu


epdWestTac03
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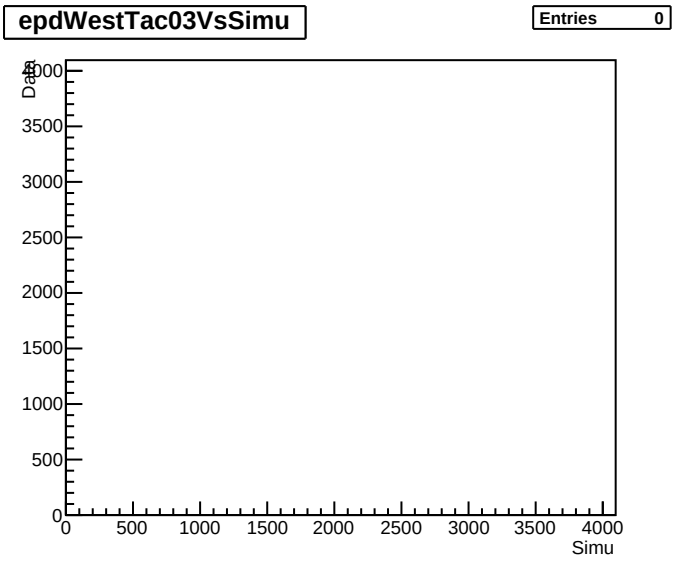
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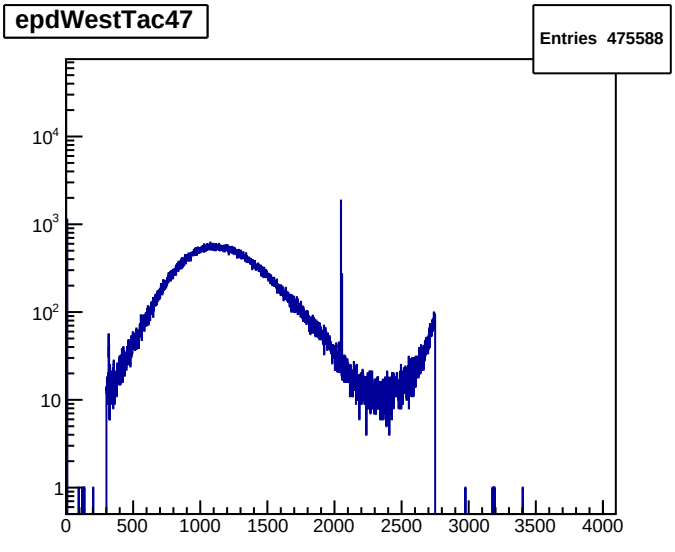
Entries 0
Data
Simu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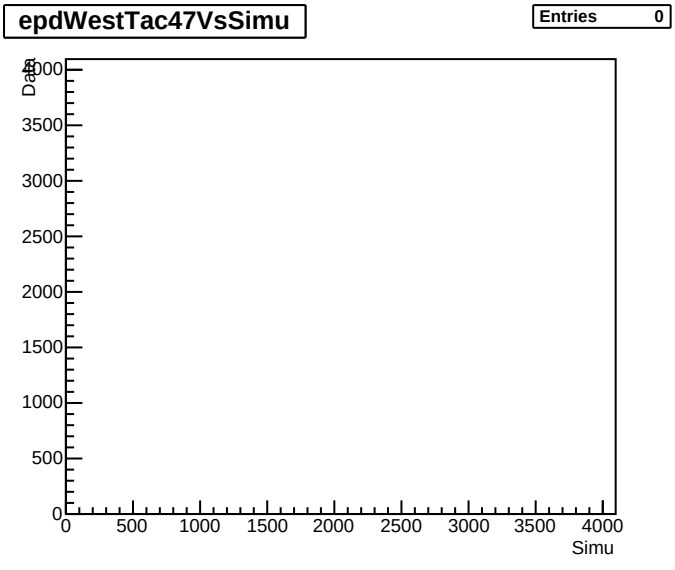
Entries 475588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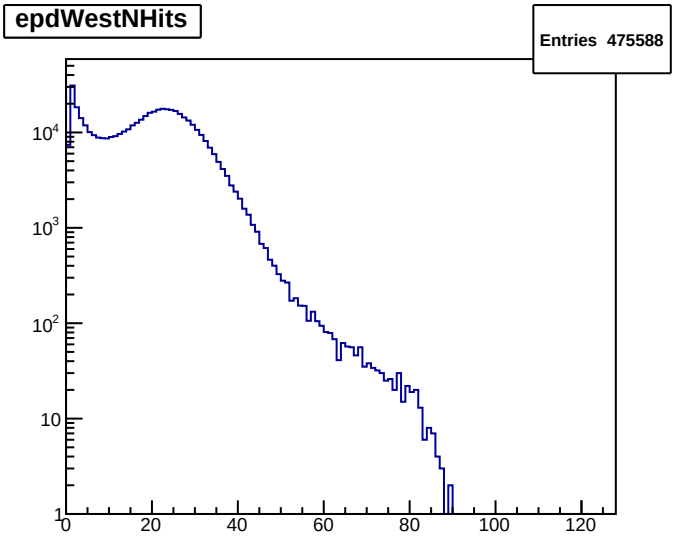
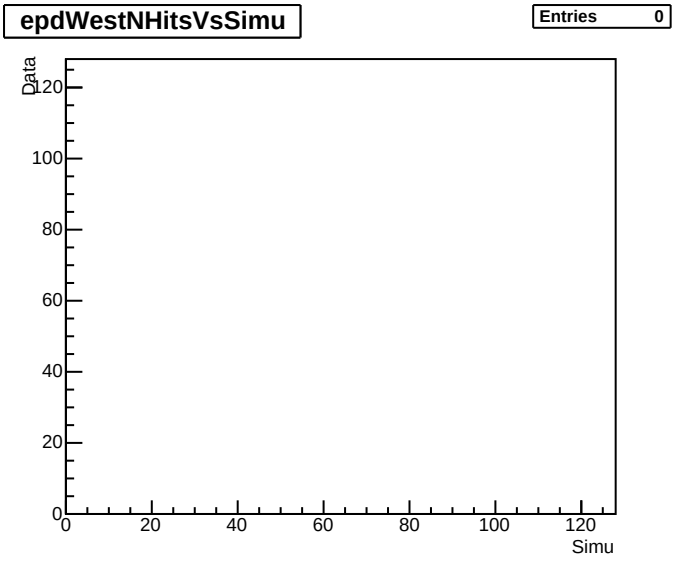
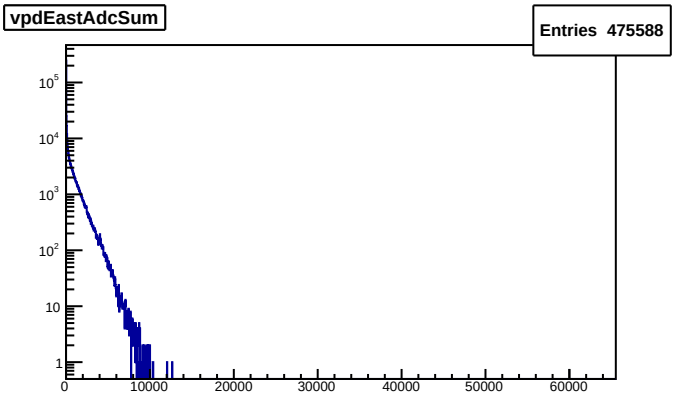
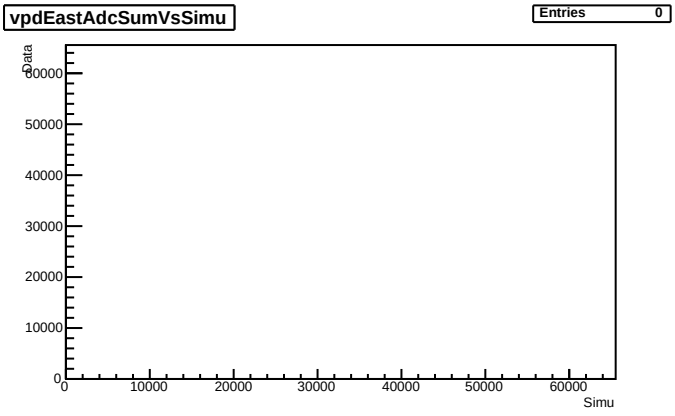
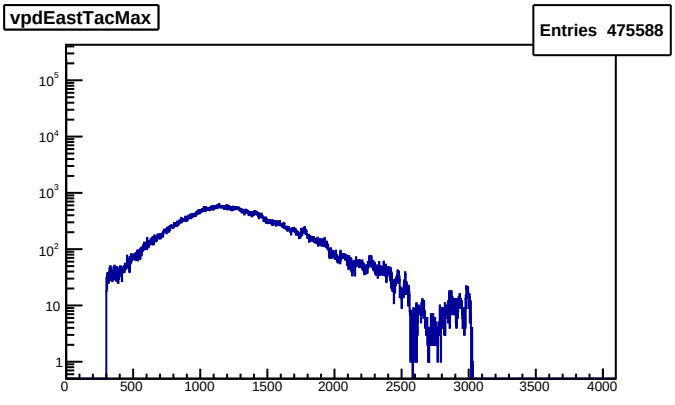
Entries 0
Data
Simu

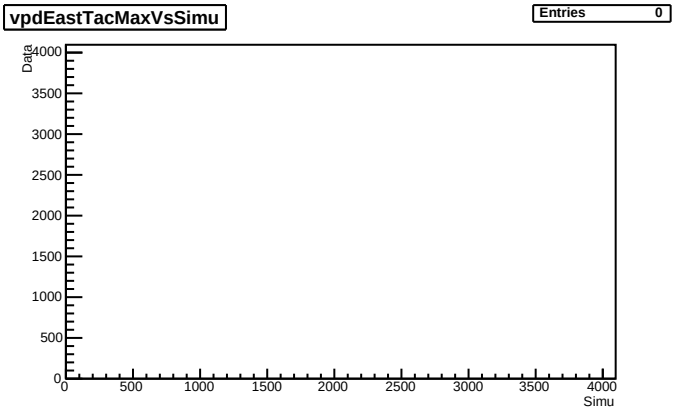

epdWestNHits
Entries 475588


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 475588


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 475588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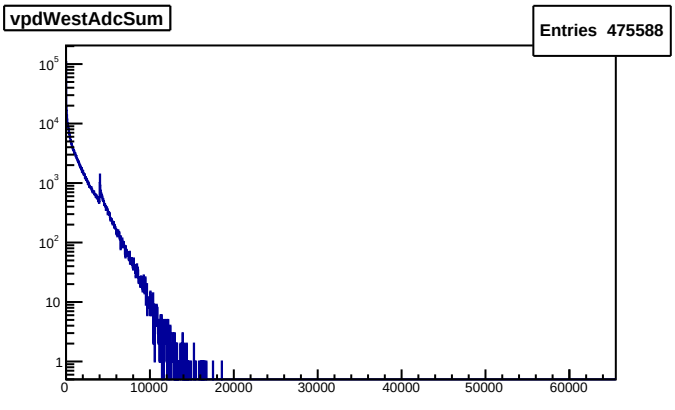
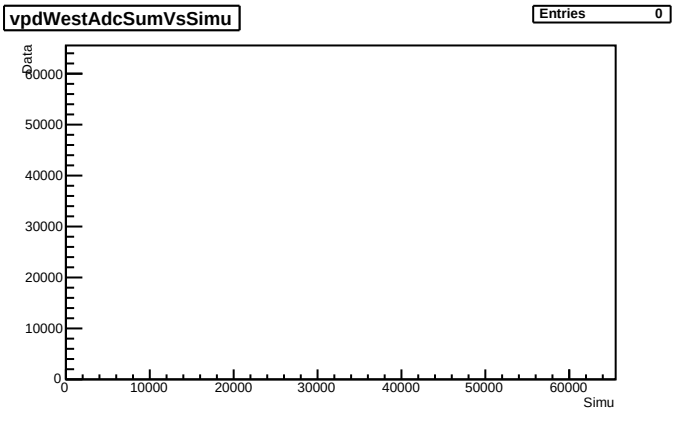
Entries 0
Data
Simu


vpdWestAdcSum
Entries 475588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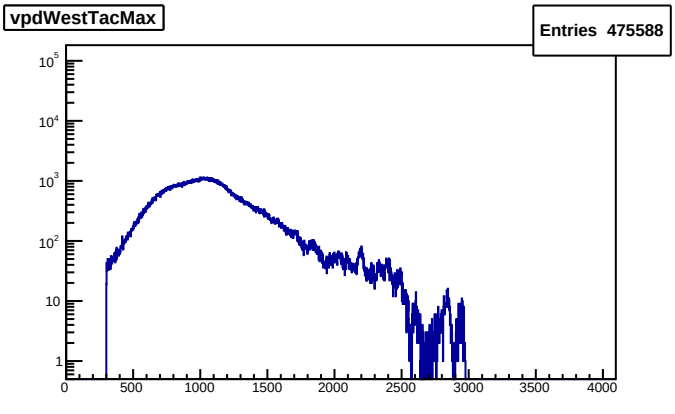
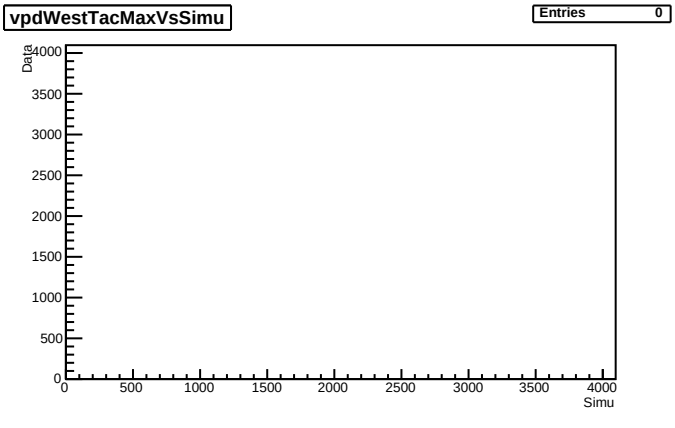
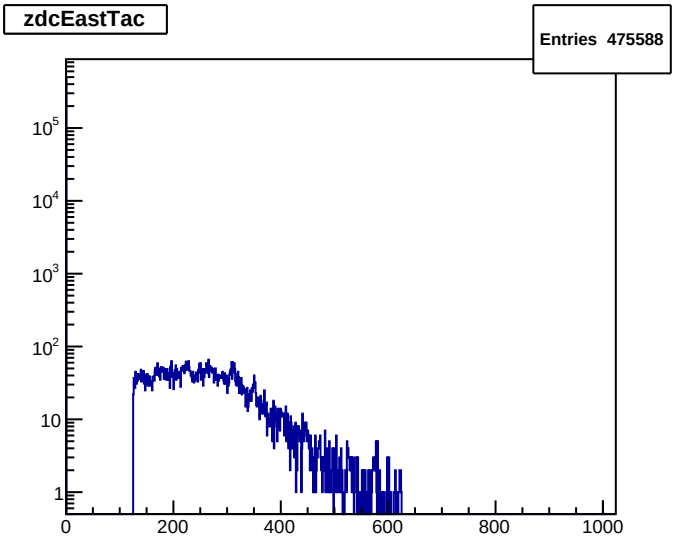
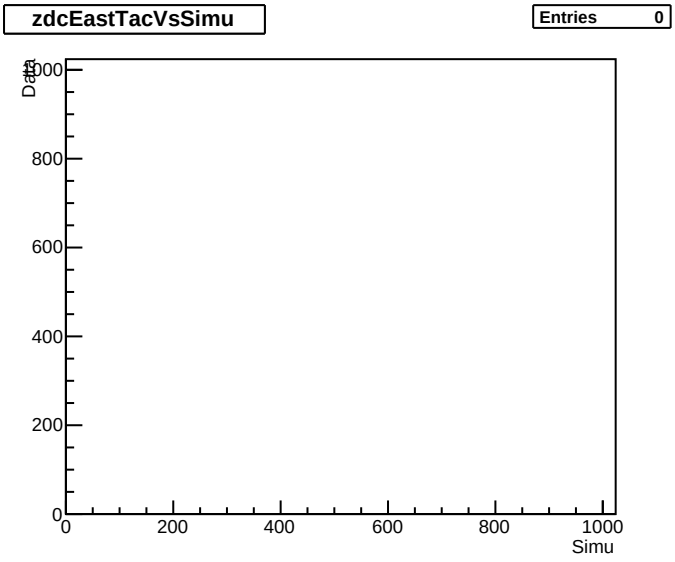
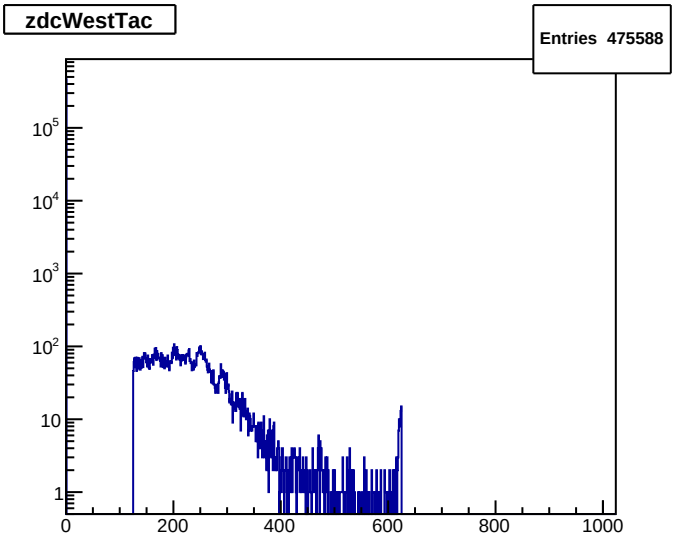
Entries 0
Data
Simu

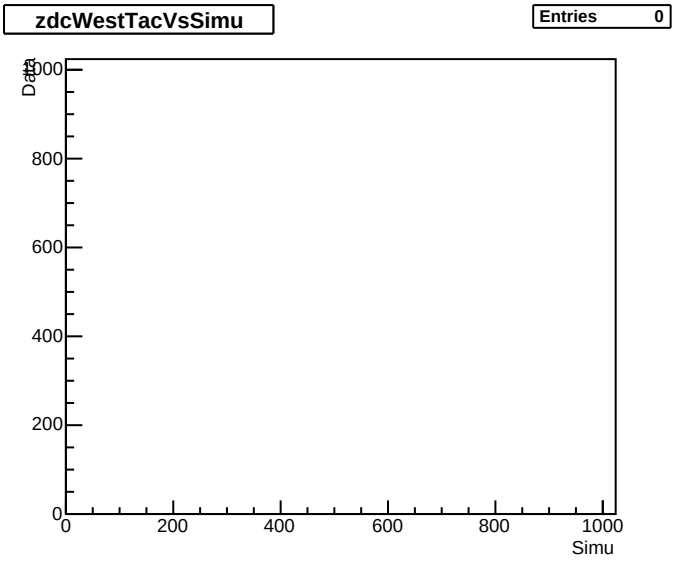

vpdWestTacMax
Entries 475588

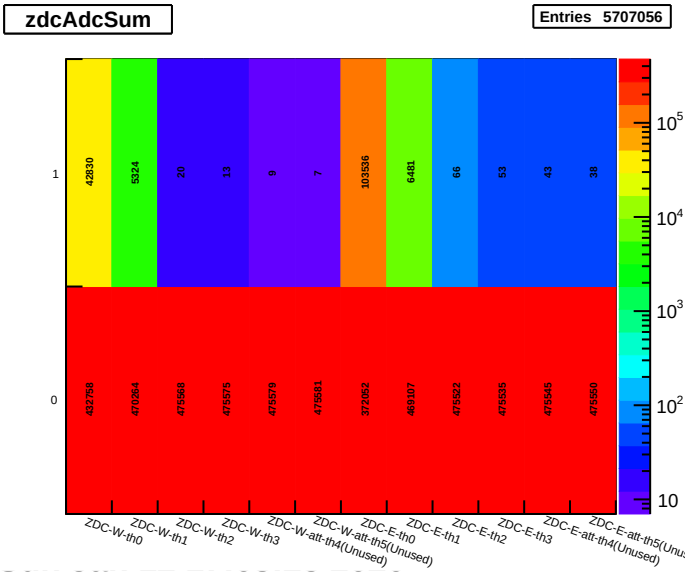

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

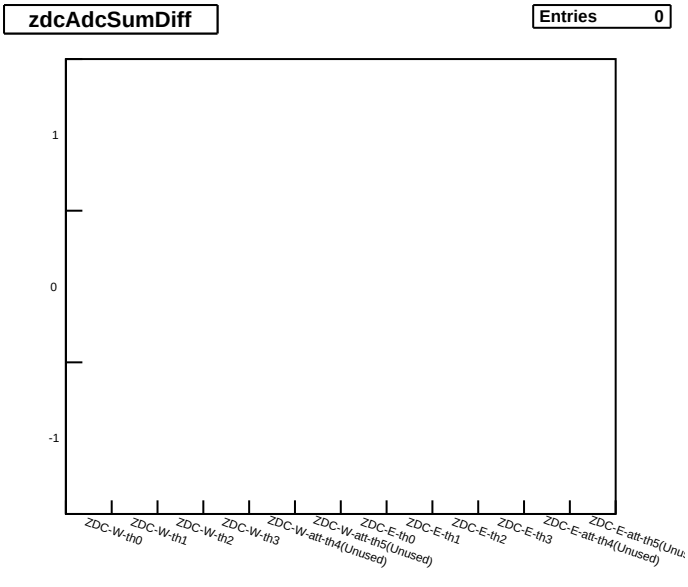

zdcEastTac
Entries 475588
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

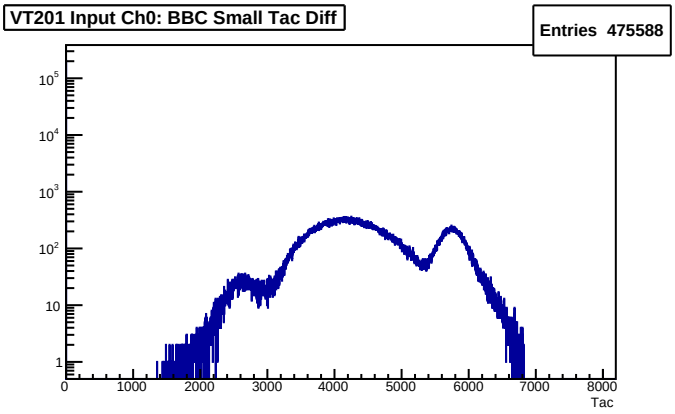

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

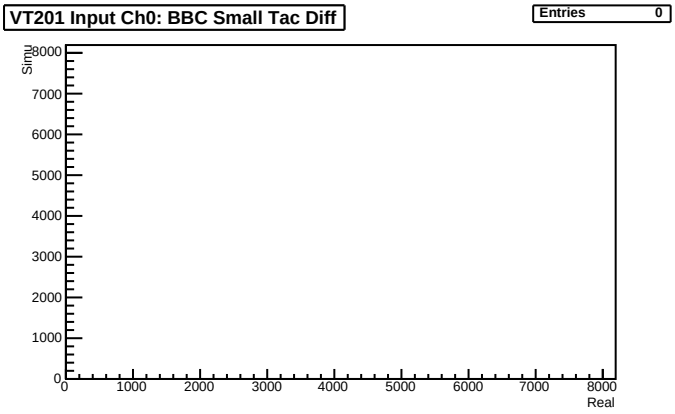

zdcWestTac
Entries 475588
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

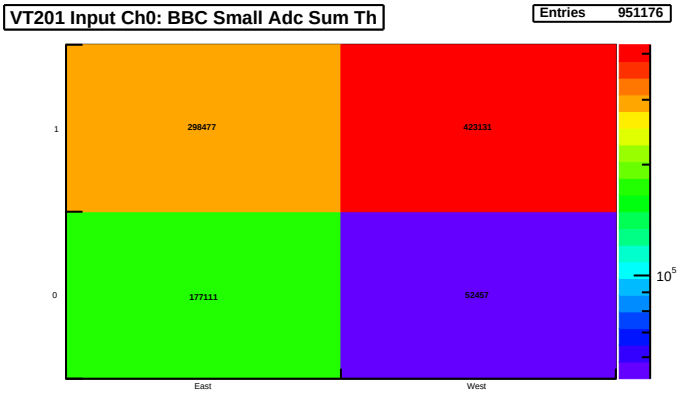

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

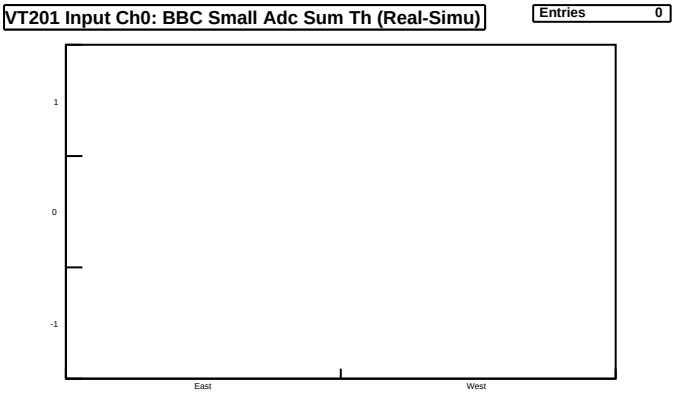

zdcAdcSum
Entries 5707056
1
0
42830
5324
20
13
9
7
103536
6481
66
53
43
38
432758
470264
475568
475575
475579
475581
372652
469107
475522
475535
475545
475550
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

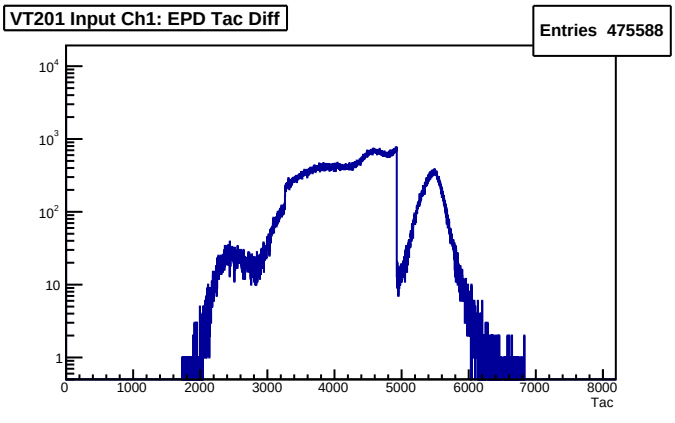

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

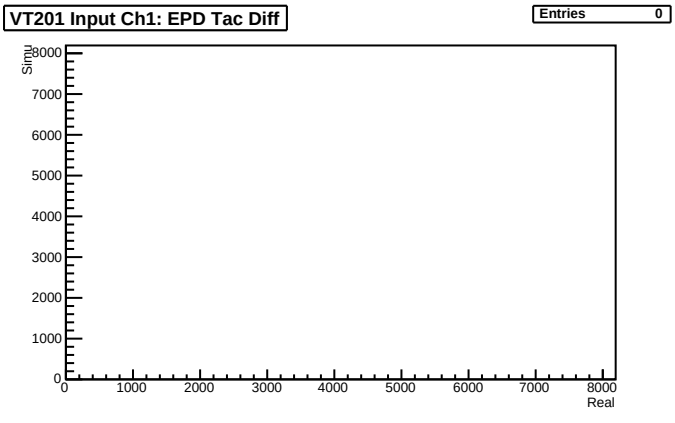

VT201 Input Ch0: BBC Small Tac Diff
Entries 475588
Tac

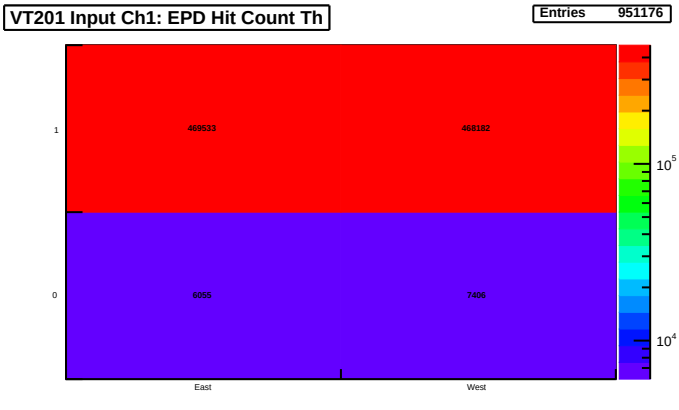

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

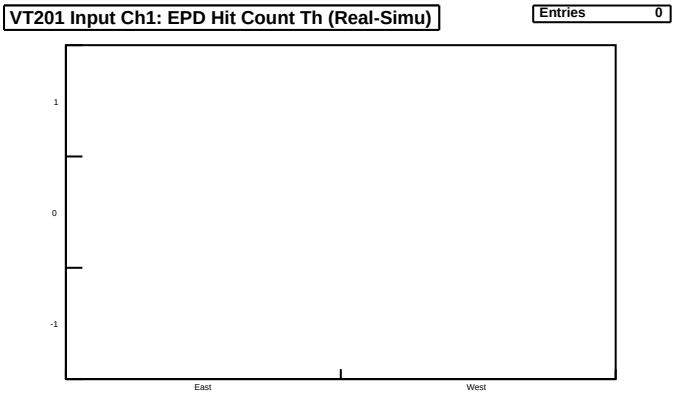

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 951176
298477
423131
177111
52457
East
West

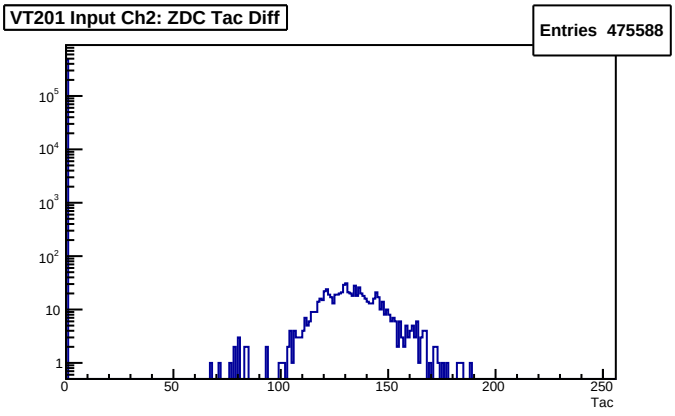

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

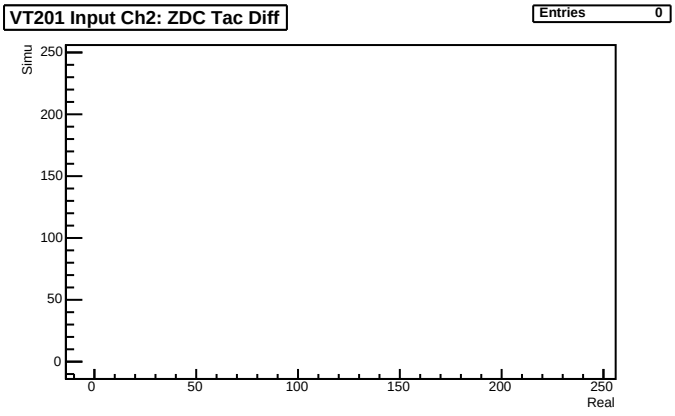

VT201 Input Ch1: EPD Tac Diff
Entries 475588
Tac

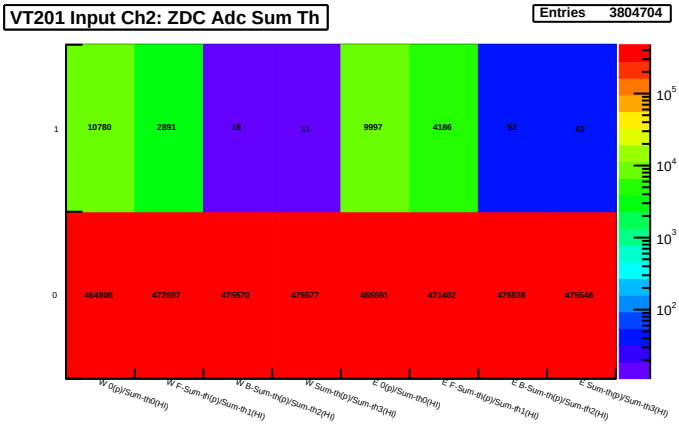

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

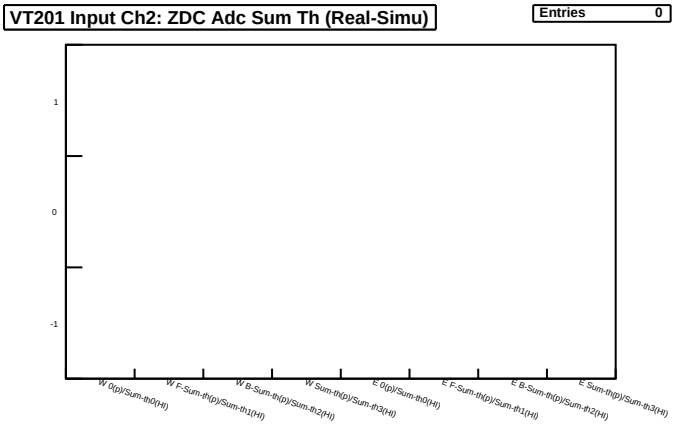

VT201 Input Ch1: EPD Hit Count Th
Entries 951176
469533
468182
6055
7406
East
West

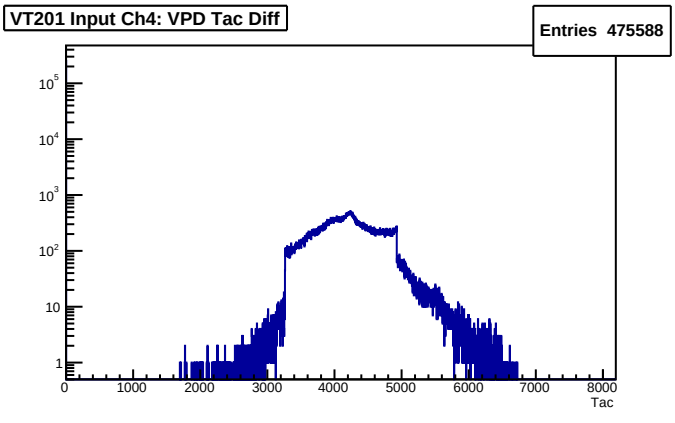

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

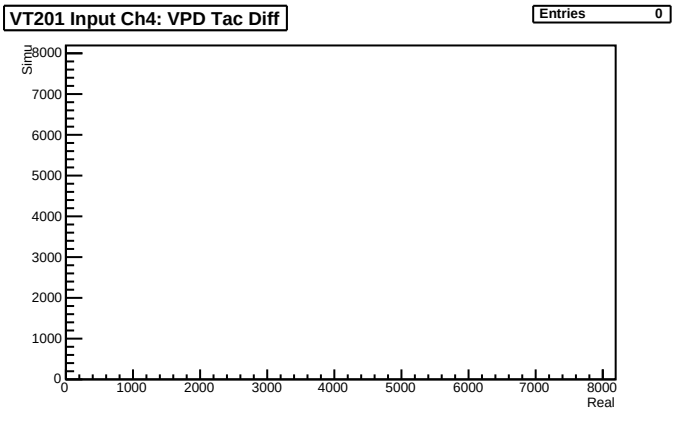

VT201 Input Ch2: ZDC Tac Diff
Entries 475588
Tac

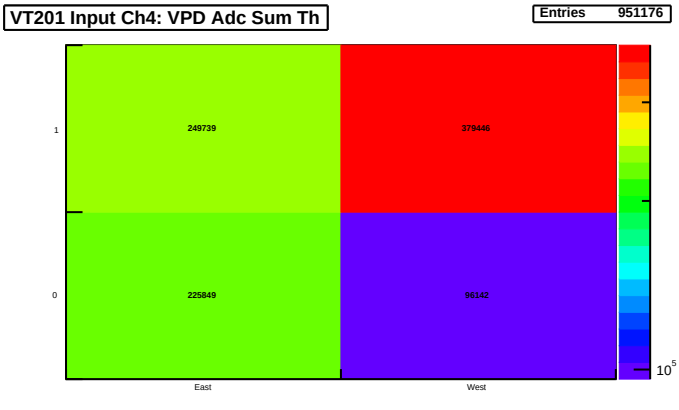

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

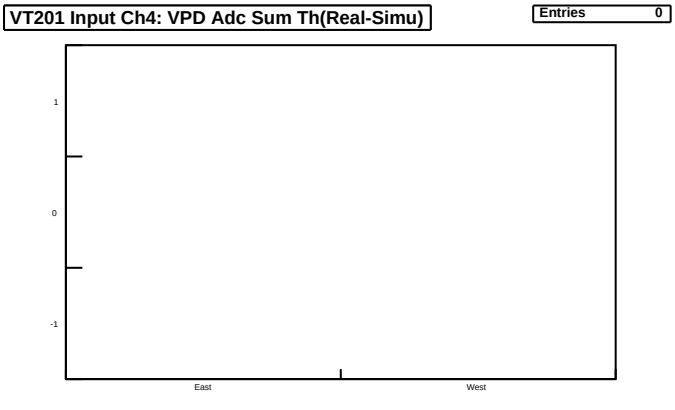

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3804704
10780
2891
18
11
9997
4186
52
42
464808
472697
475570
475577
465591
471402
475536
475546
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

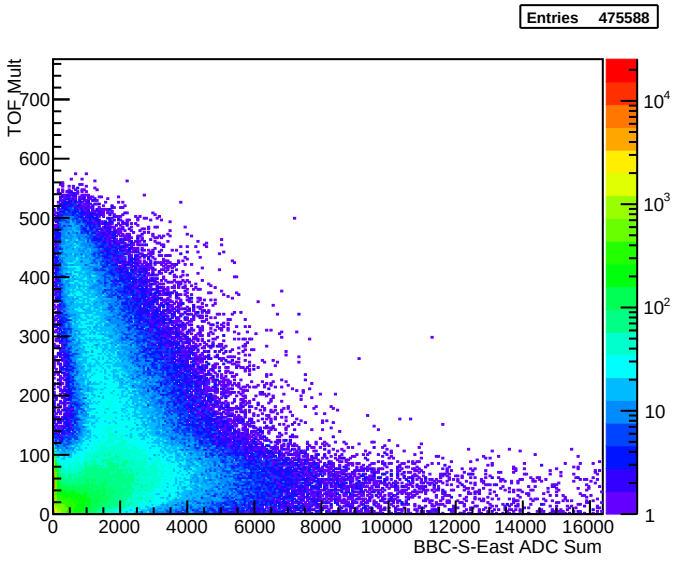

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

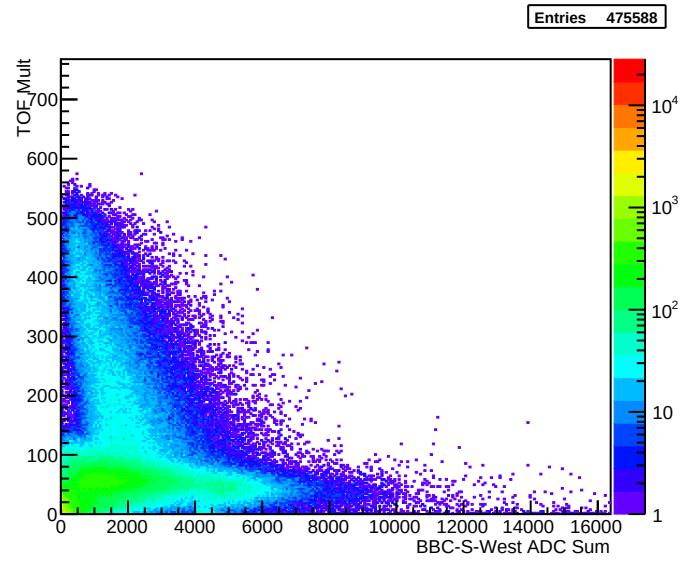

VT201 Input Ch4: VPD Tac Diff
Entries 475588
Tac

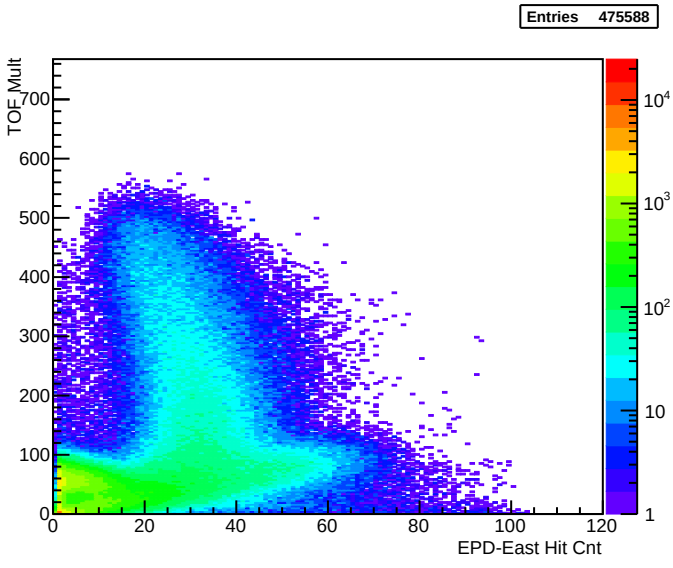

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

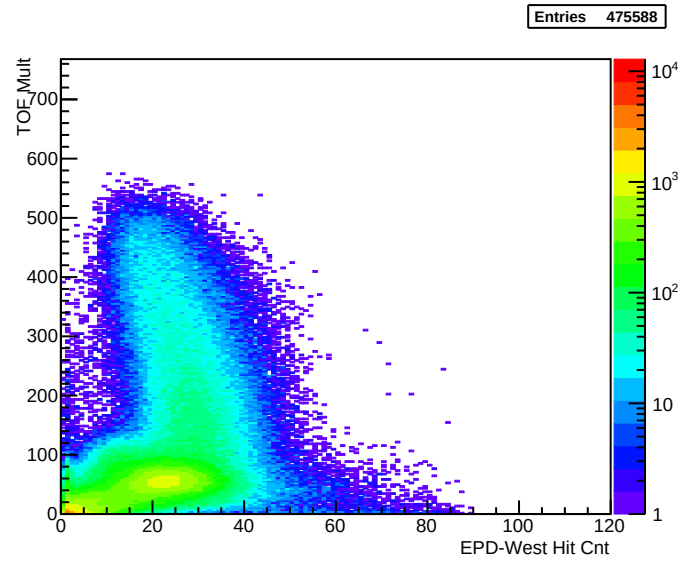

VT201 Input Ch4: VPD Adc Sum Th
Entries 951176
249739
379446
225849
96142
East
West

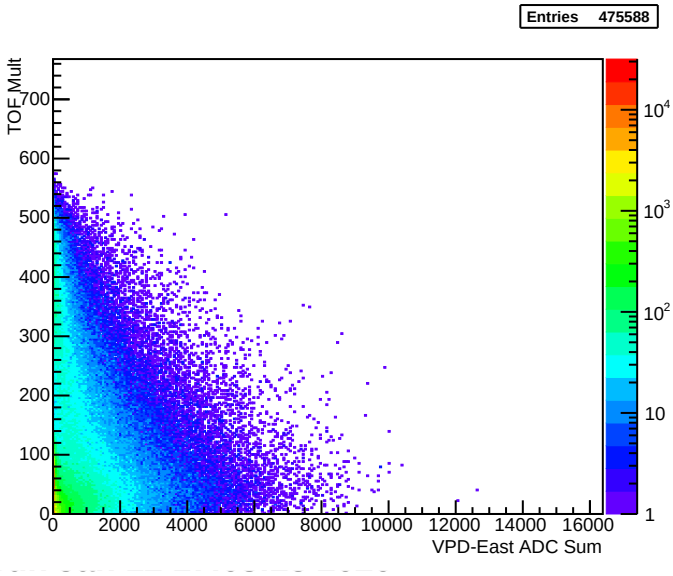

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

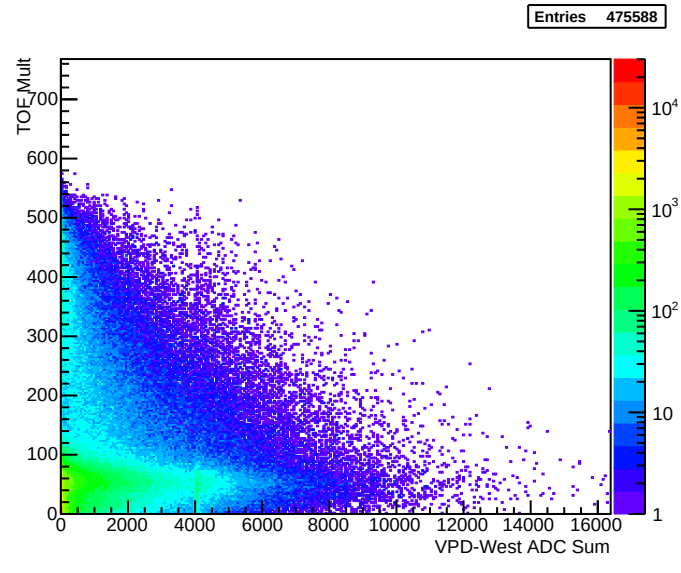

Entries 475588
TOF_Mult
BBC-S-East ADC Sum

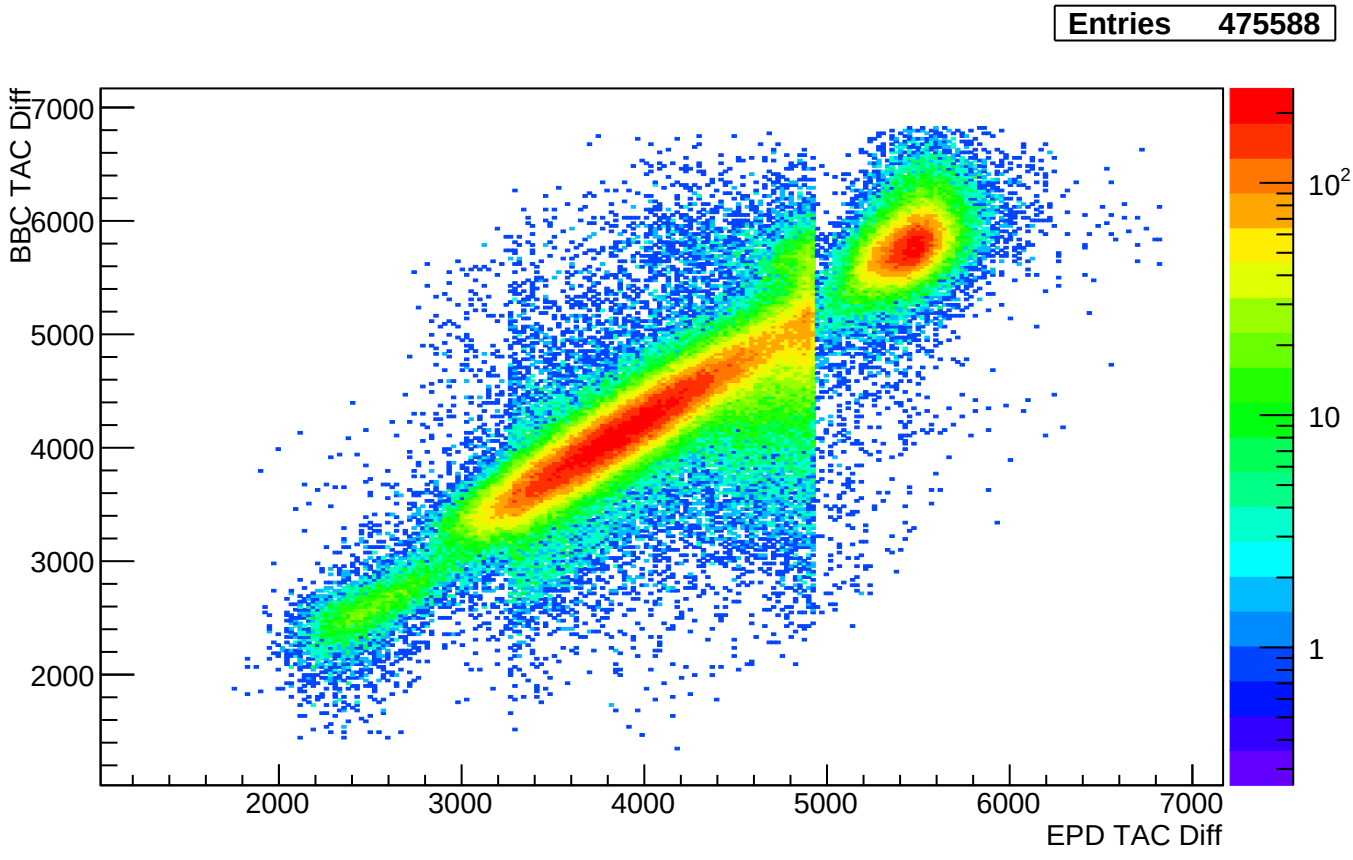

Entries 475588
TOF_Mult
BBC-S-West ADC Sum

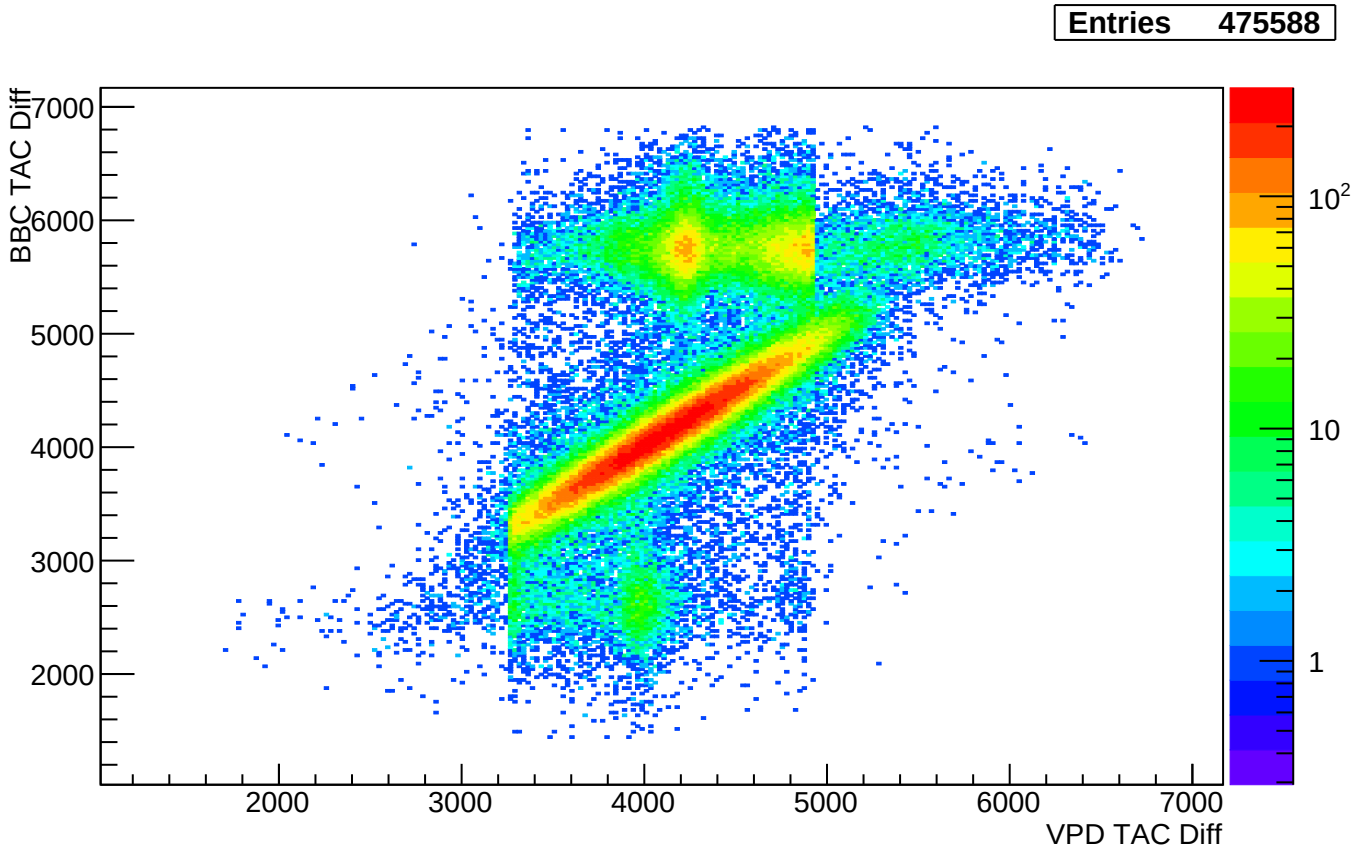

Entries 475588
TOF_Mult
EPD-East Hit Cnt

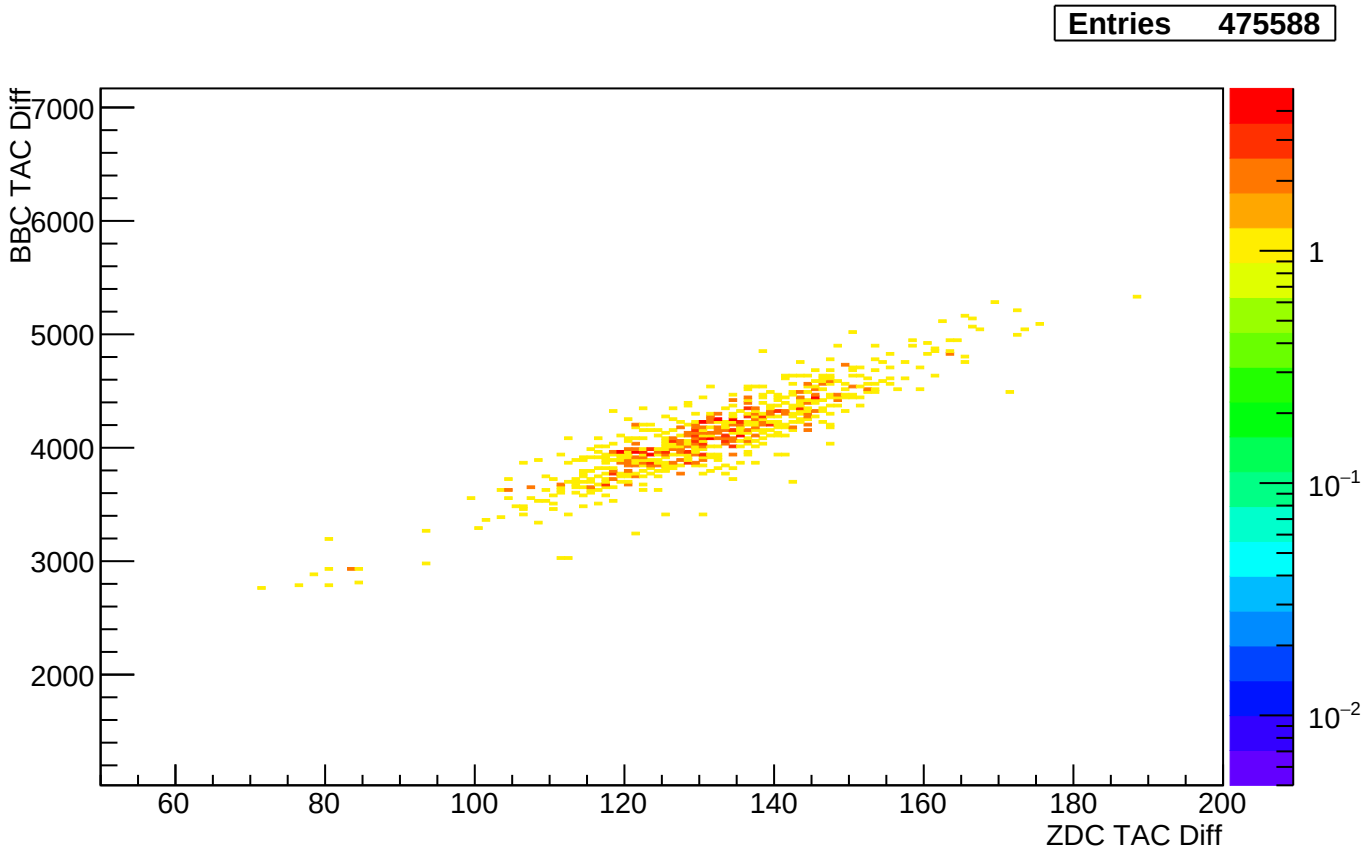

Entries 475588
TOF_Mult
EPD-West Hit Cnt

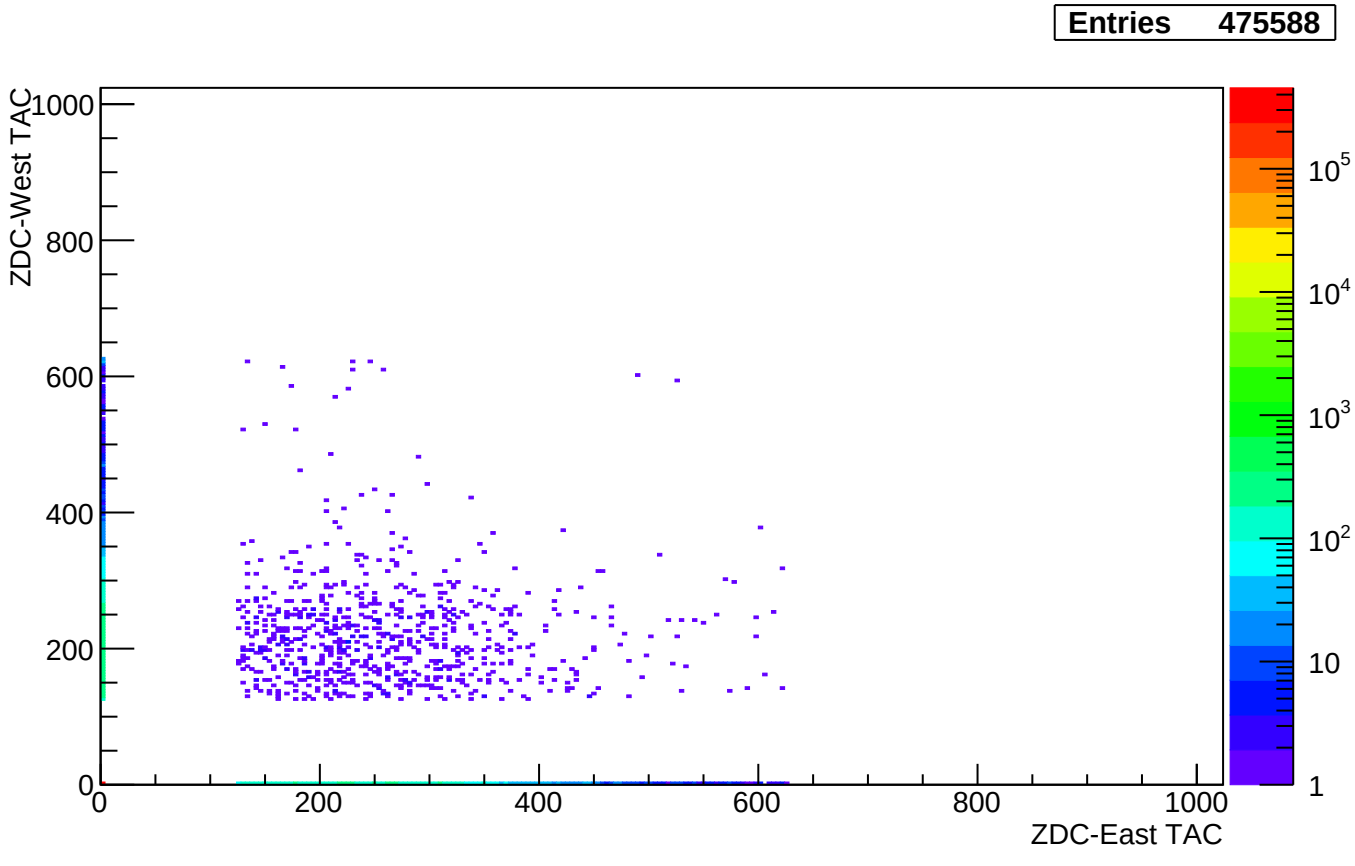

Entries 475588
TOF_Mult
VPD-East ADC Sum

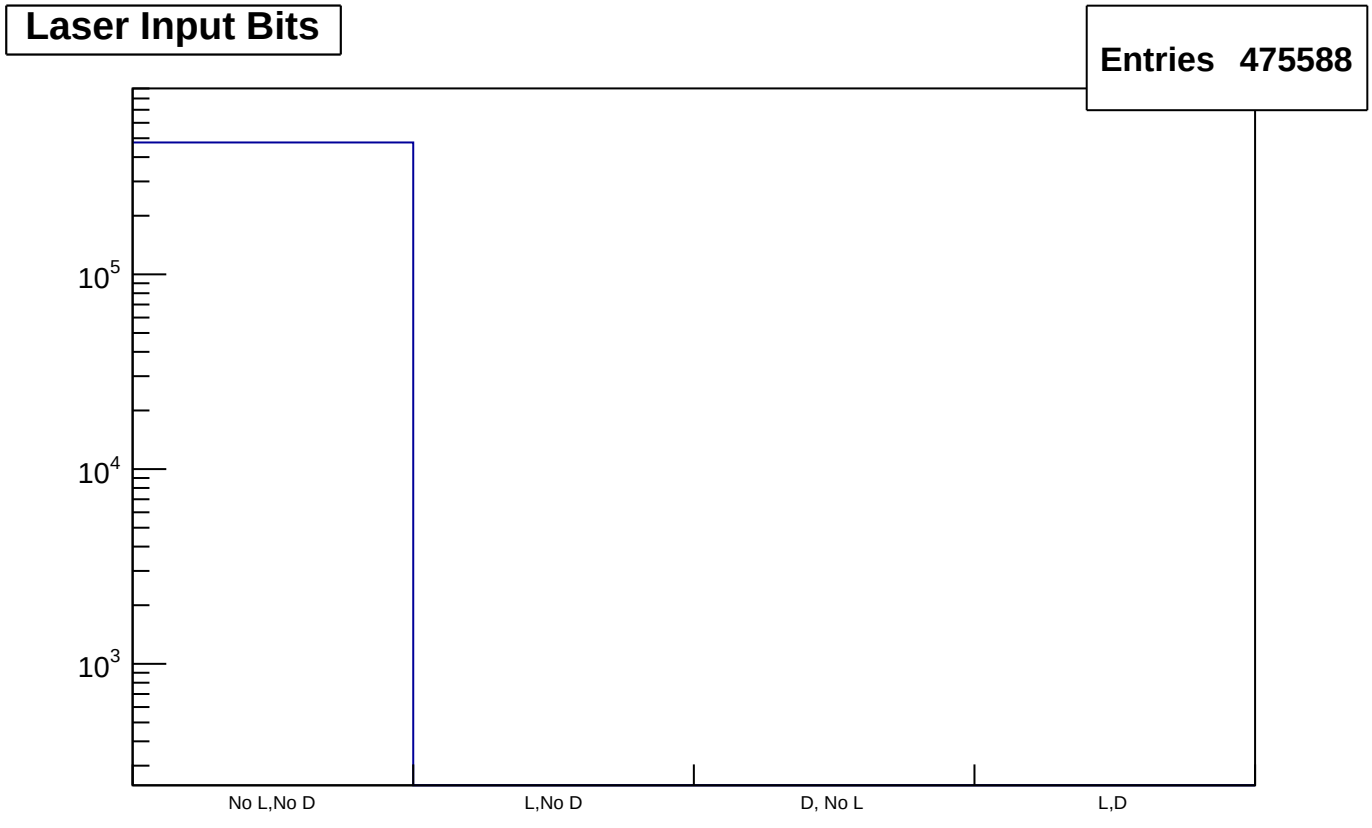

Entries 475588
TOF_Mult
VPD-West ADC Sum

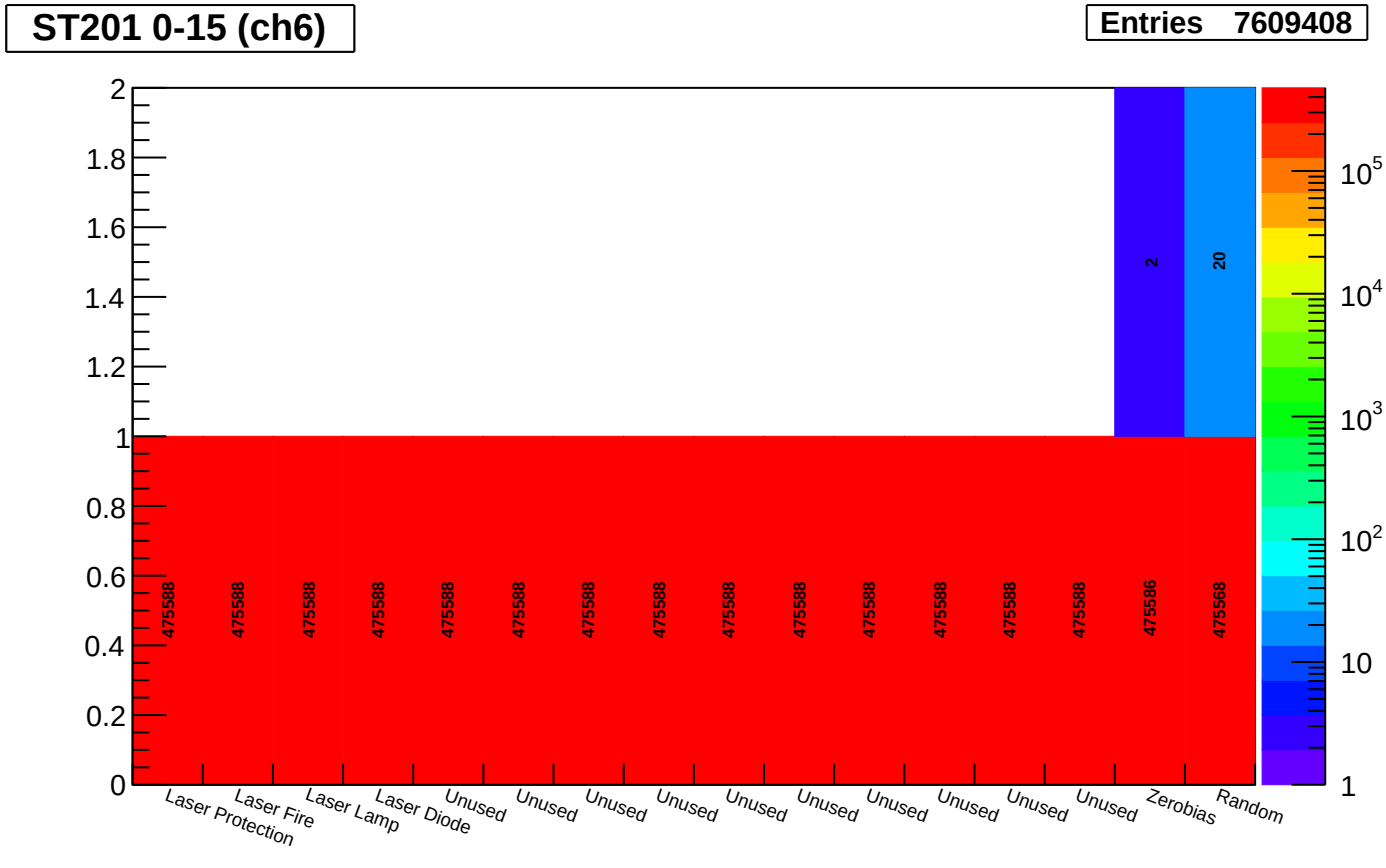

Entries 475588
BBC TAC Diff
EPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

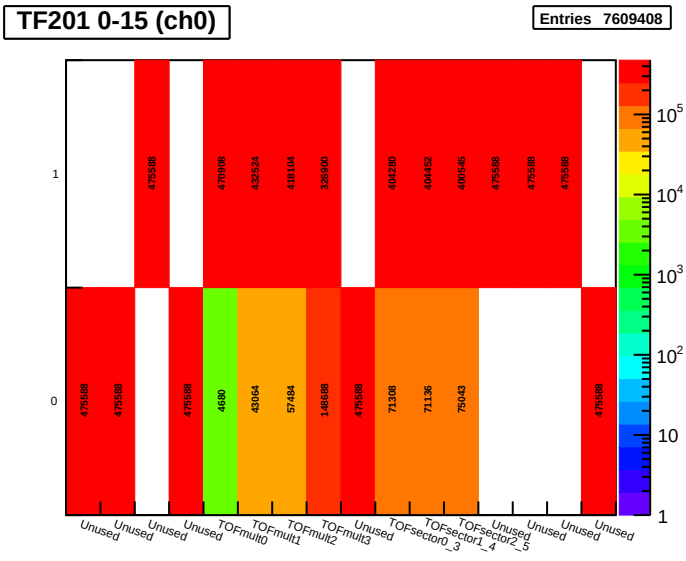

Entries 475588
BBC TAC Diff
VPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

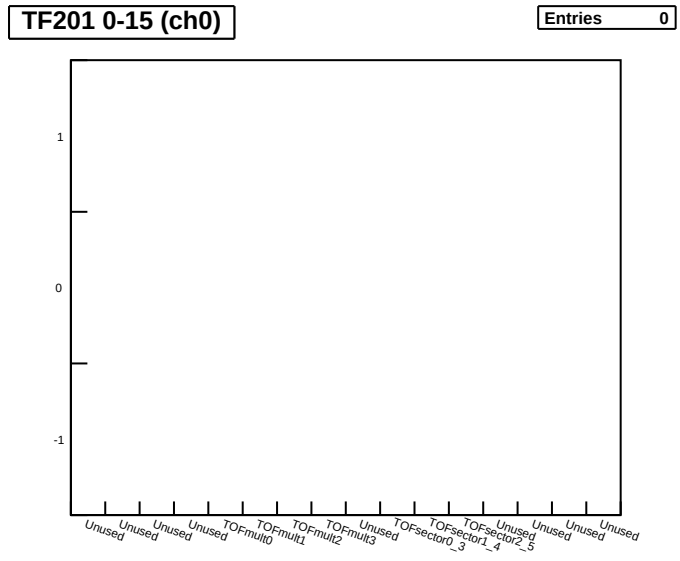

Entries 475588
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

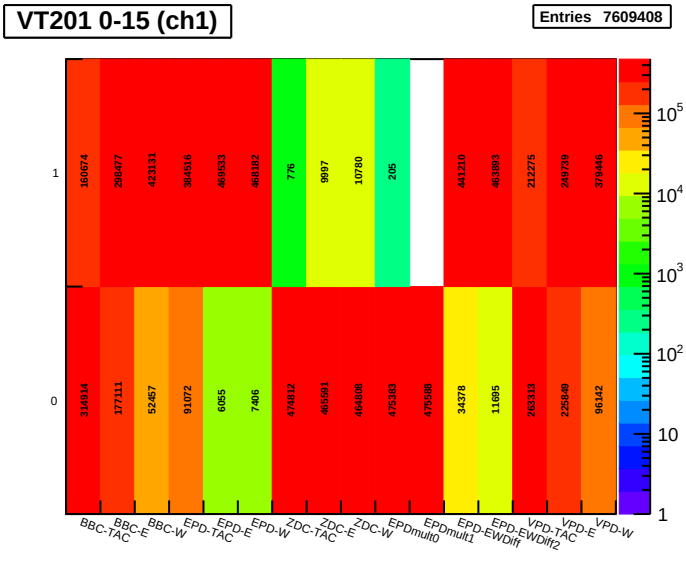

Entries 475588
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

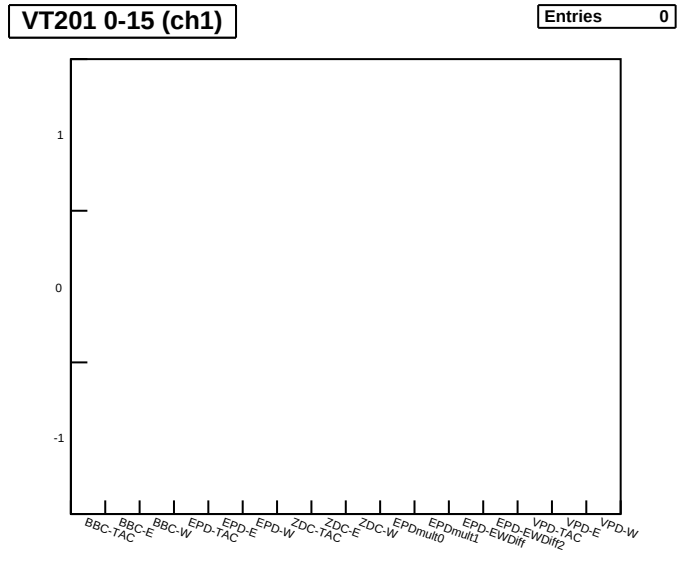

Laser Input Bits
Entries 475588
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

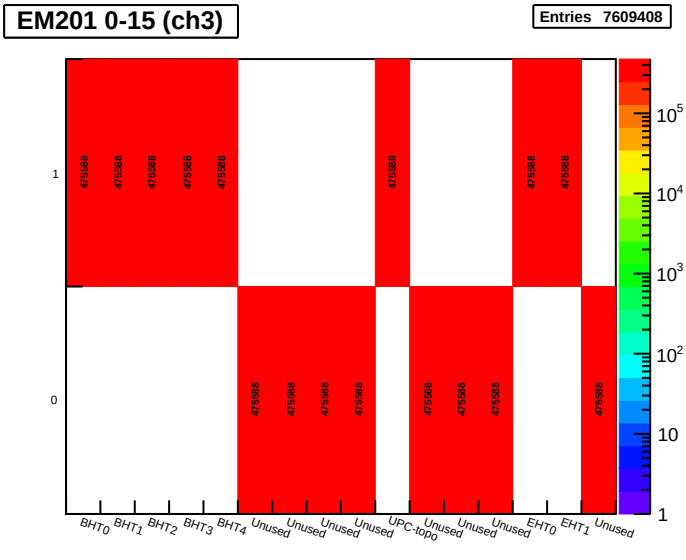

ST201 0-15 (ch6)
Entries 7609408
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
475588
475588
475588
475588
475588
475588
475588
475588
475588
475588
475588
475588
475588
475588
475586
475568
2
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

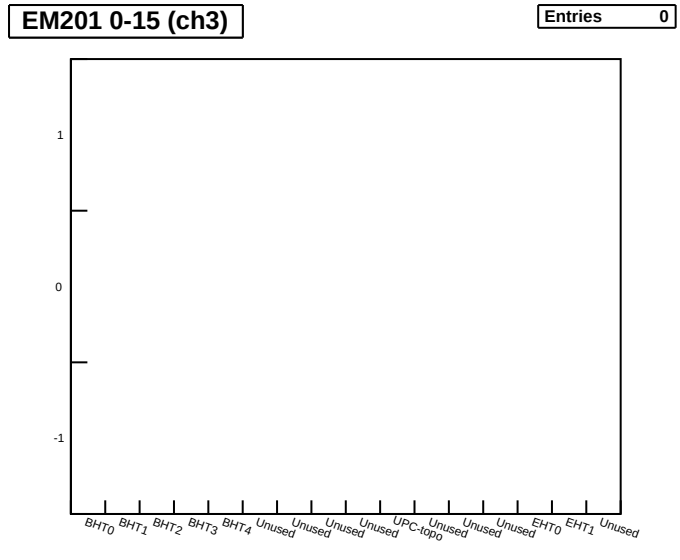

TF201 0-15 (ch0)
Entries 7609408
1
0
475588
470908
432524
418104
326900
404280
404452
400545
475588
475588
475588
475588
475588
475588
475588
4680
43064
57484
148688
475588
71308
71136
75043
475588
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7609408
1
0
160674
298477
423131
384516
469533
468182
776
9997
10780
205
441210
463893
212275
249739
379446
314914
177111
52457
91072
6055
7406
474812
465591
464808
475383
475588
34378
11695
263313
225849
96142
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 7609408
1
0
475588
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1