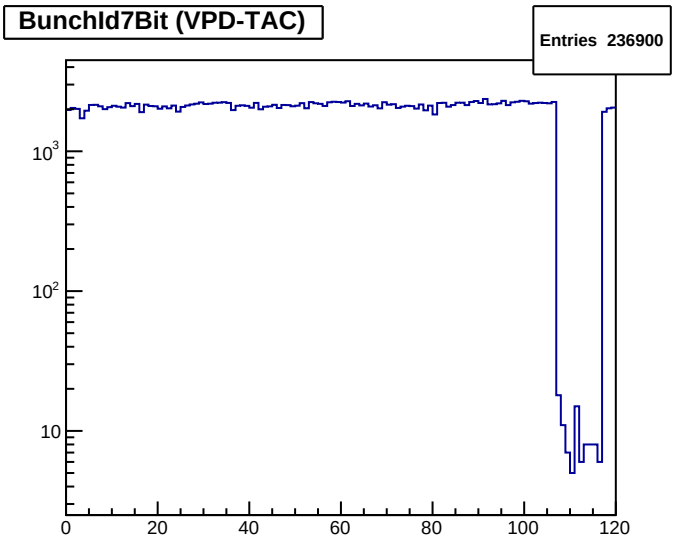
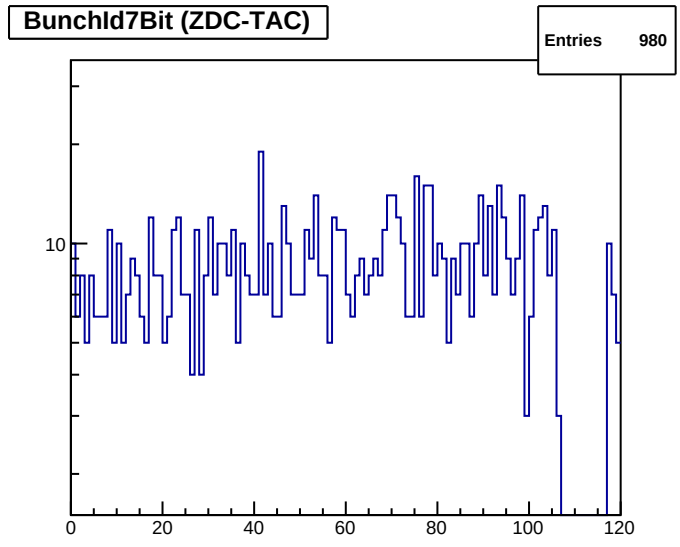
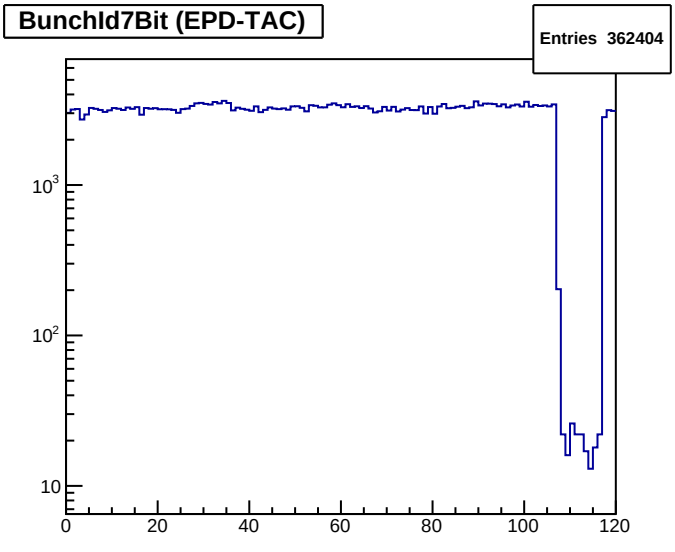
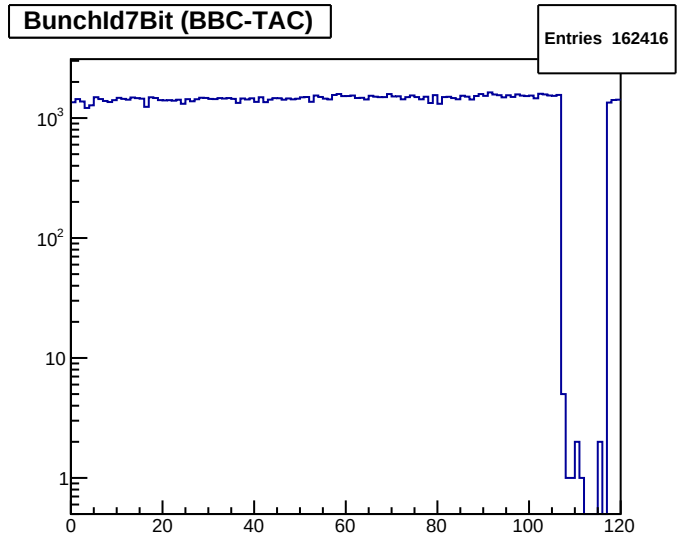
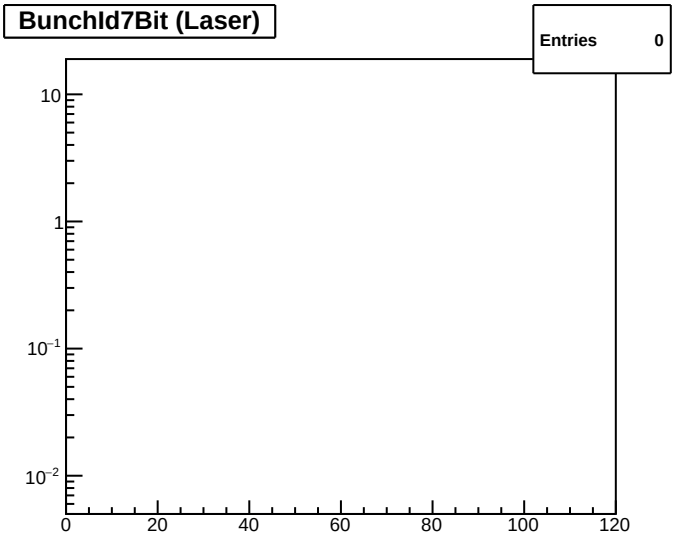
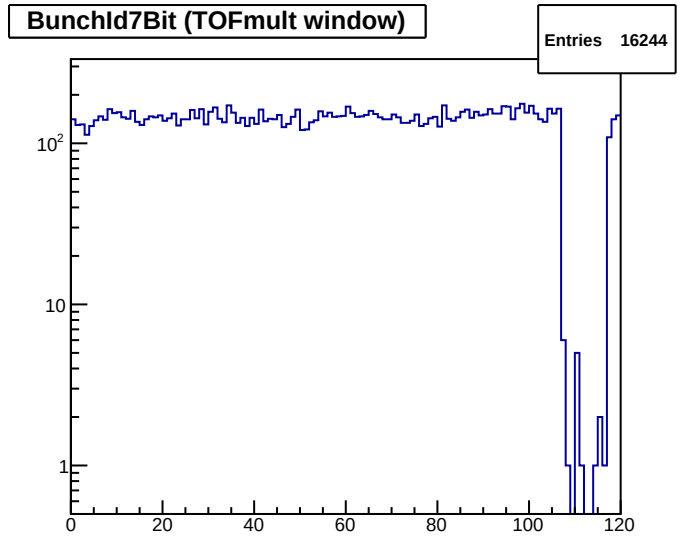

BunchId7Bit (VPD-TAC)
Entries 236900

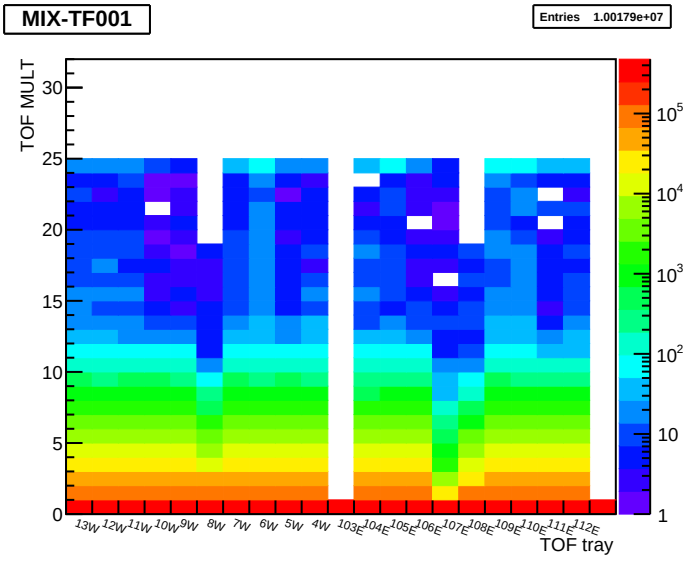

BunchId7Bit (ZDC-TAC)
Entries 980

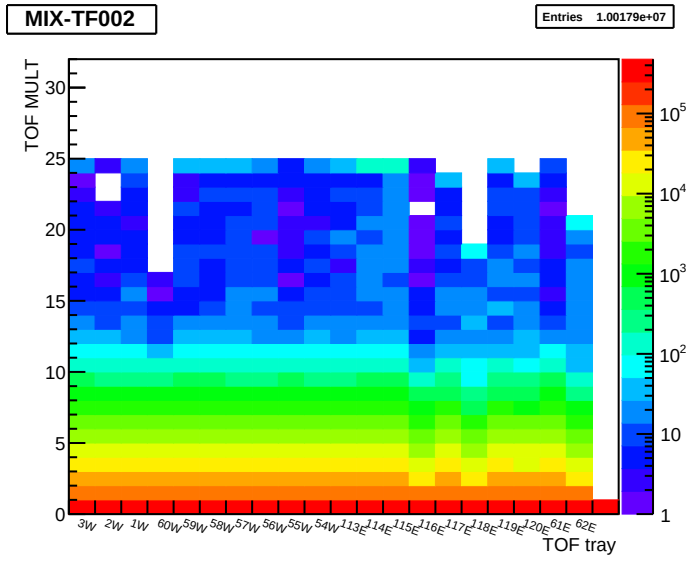

BunchId7Bit (EPD-TAC)
Entries 362404

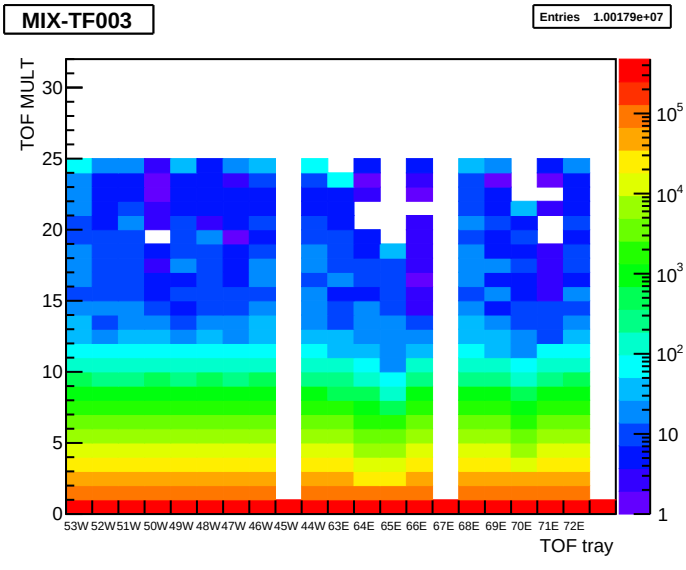

BunchId7Bit (BBC-TAC)
Entries 162416

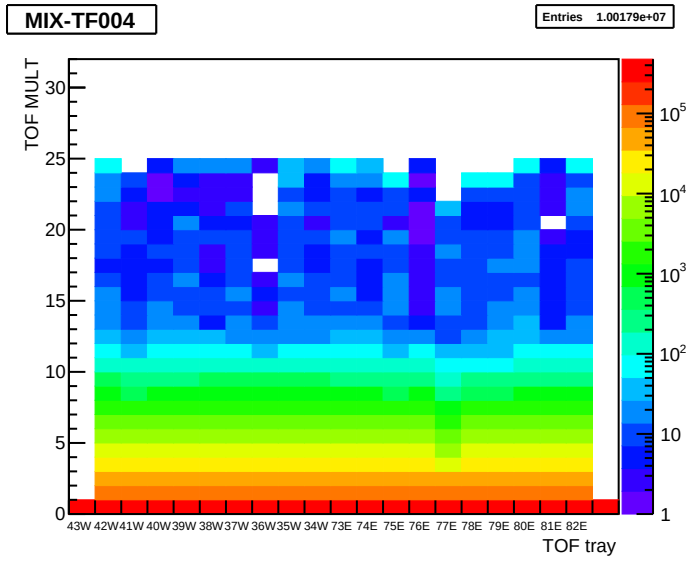

BunchId7Bit (Laser)
Entries 0

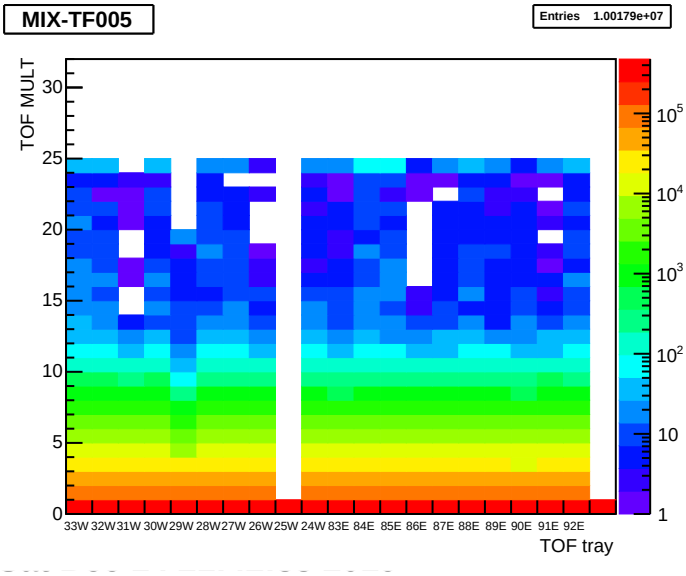

BunchId7Bit (TOFmult window)
Entries 16244

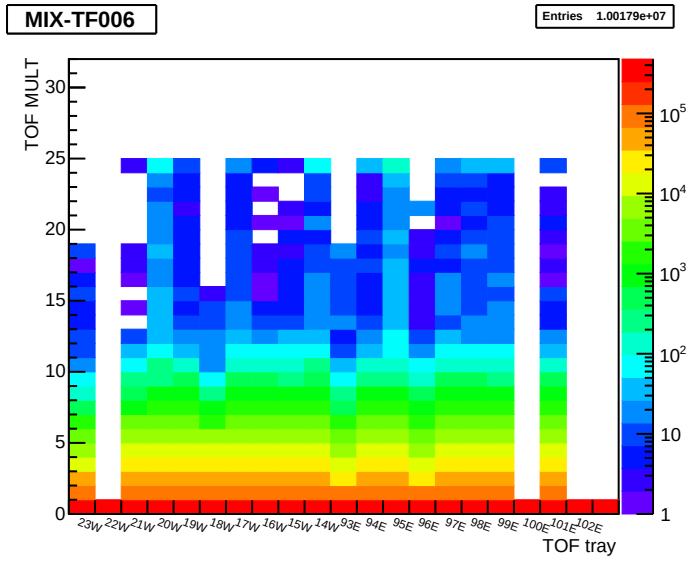

MIX-TF001
Entries 1.00179e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

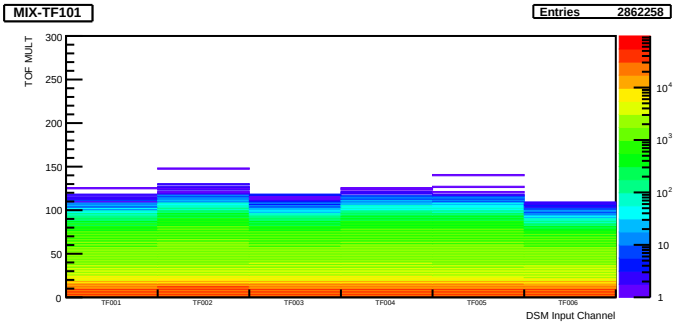

MIX-TF002
Entries 1.00179e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

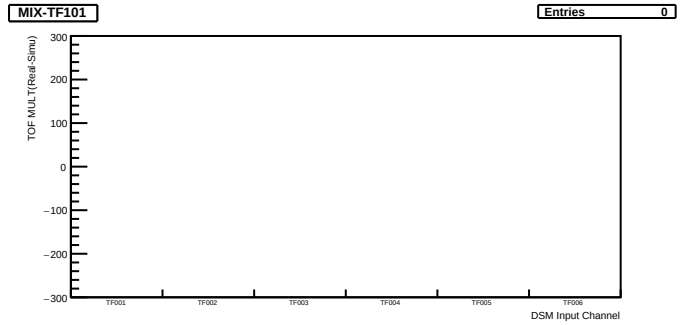

MIX-TF003
Entries 1.00179e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

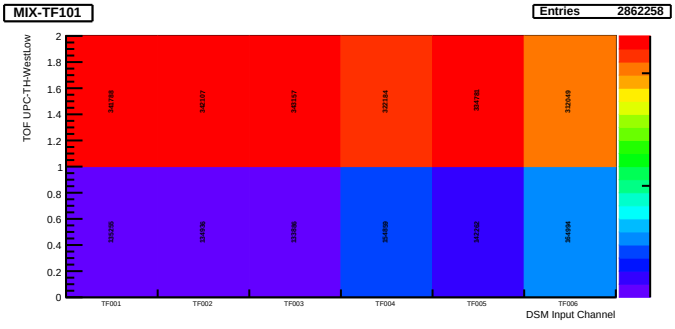

MIX-TF004
Entries 1.00179e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

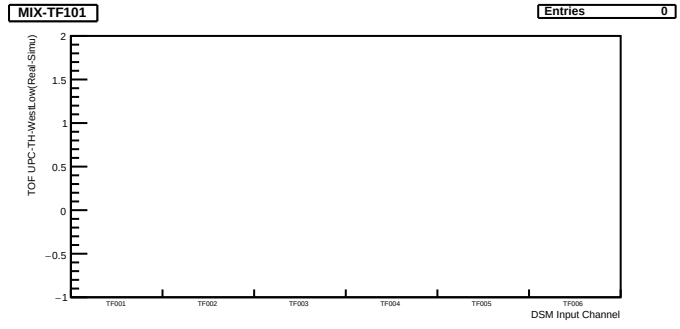

MIX-TF005
Entries 1.00179e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

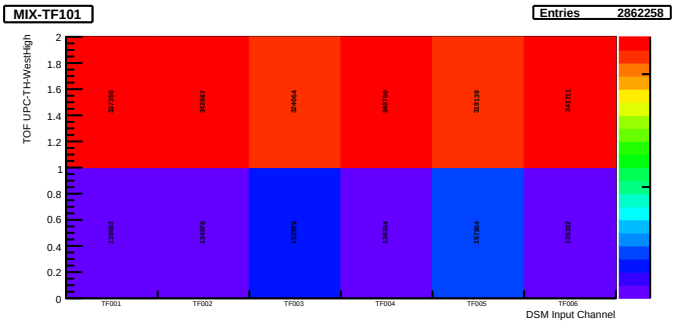

MIX-TF006
Entries 1.00179e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

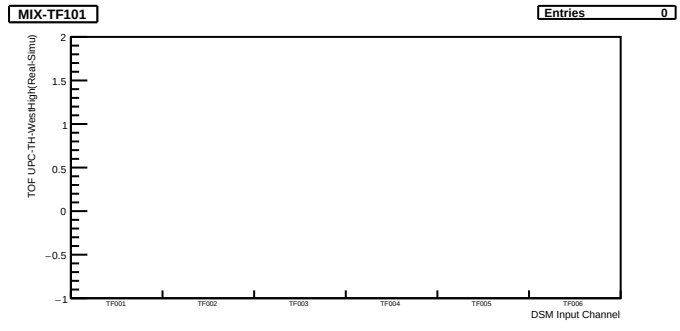

MIX-TF101
Entries 2862258
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

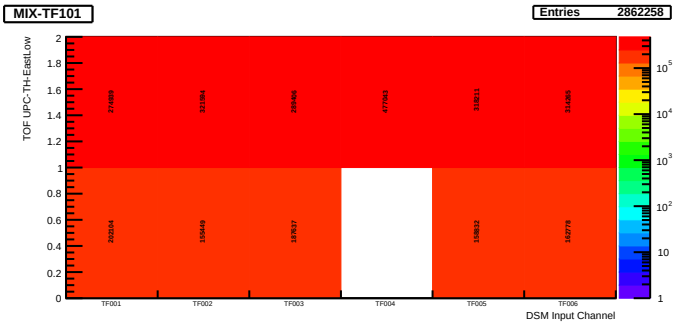

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

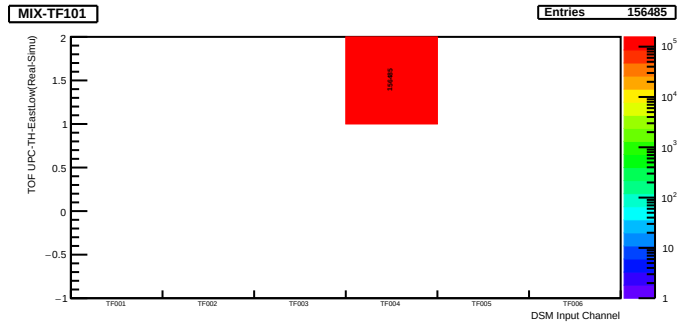

MIX-TF101
Entries 2862258
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

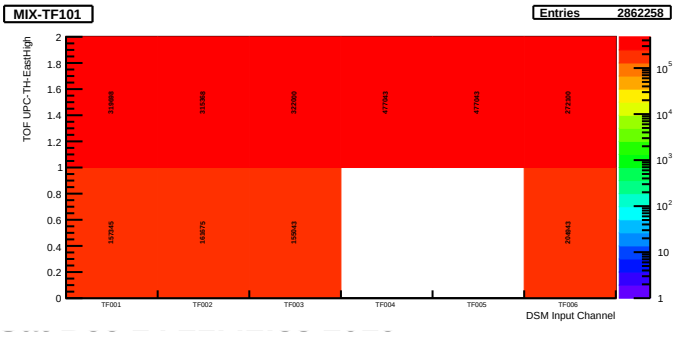

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

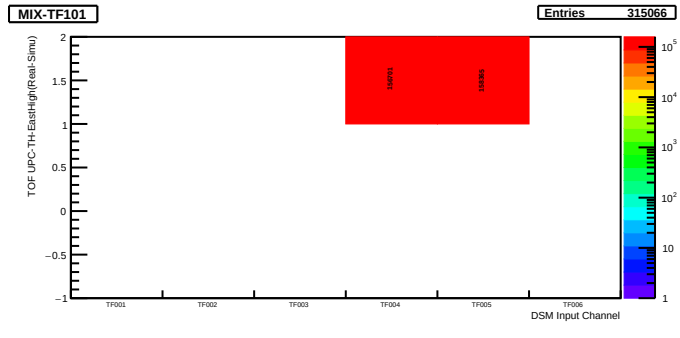

MIX-TF101
Entries 2862258
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

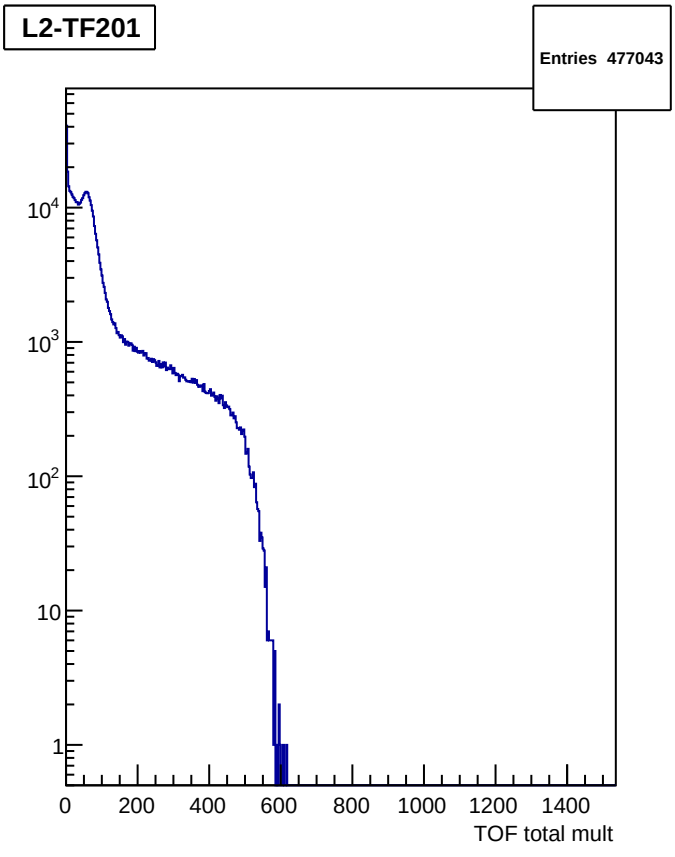

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

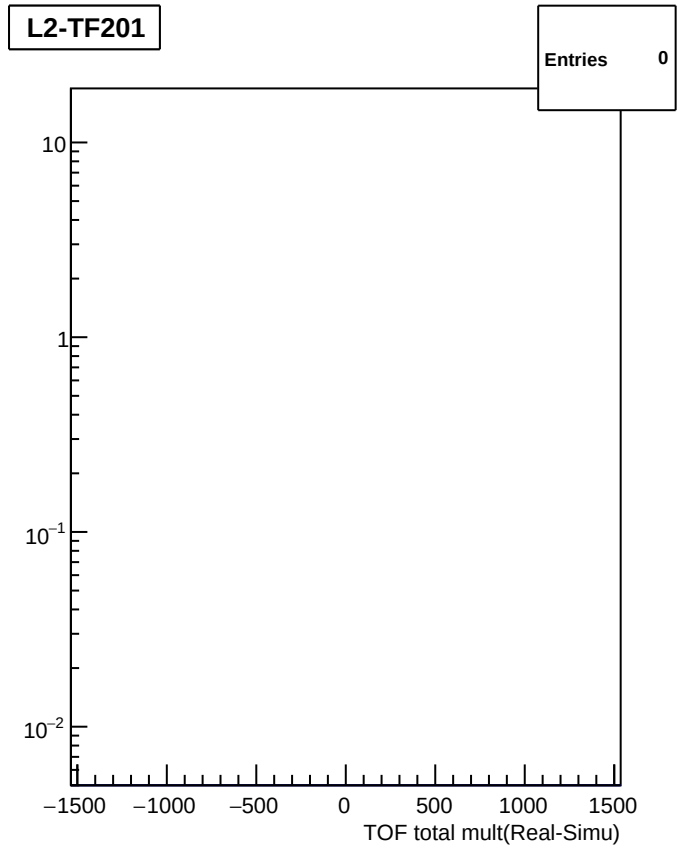

MIX-TF101
Entries 2862258
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

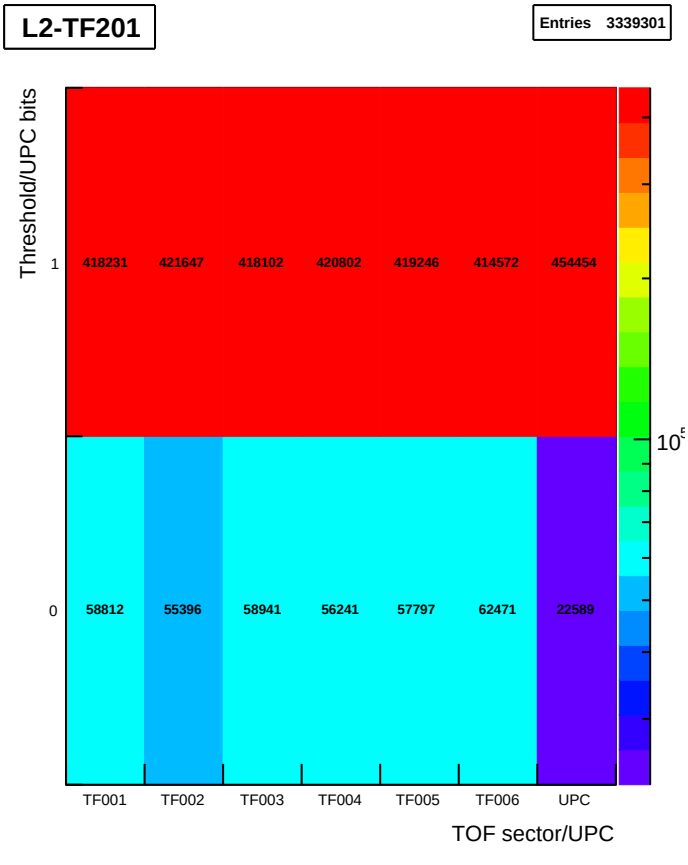

MIX-TF101
Entries 156485
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

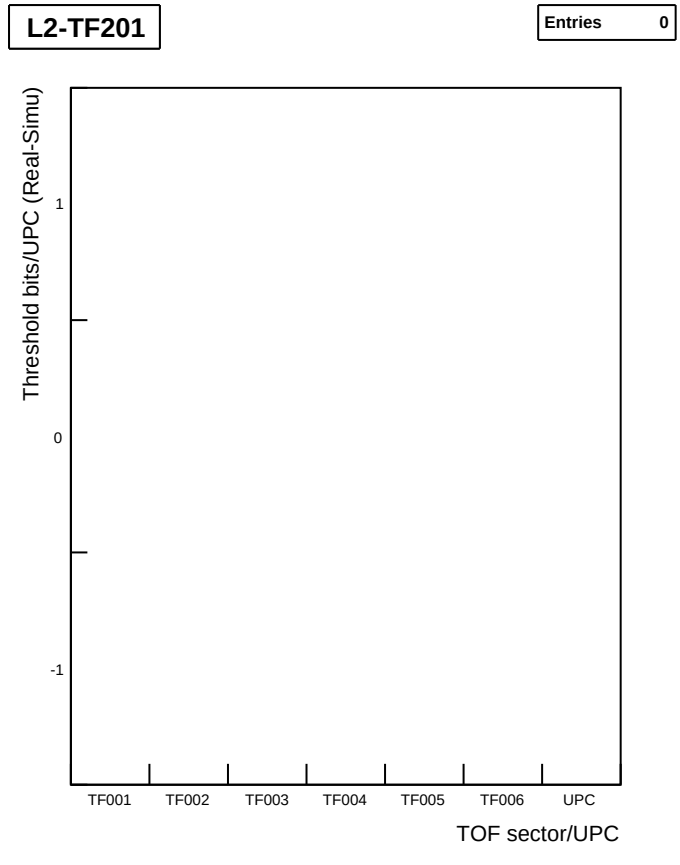

MIX-TF101
Entries 2862258
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

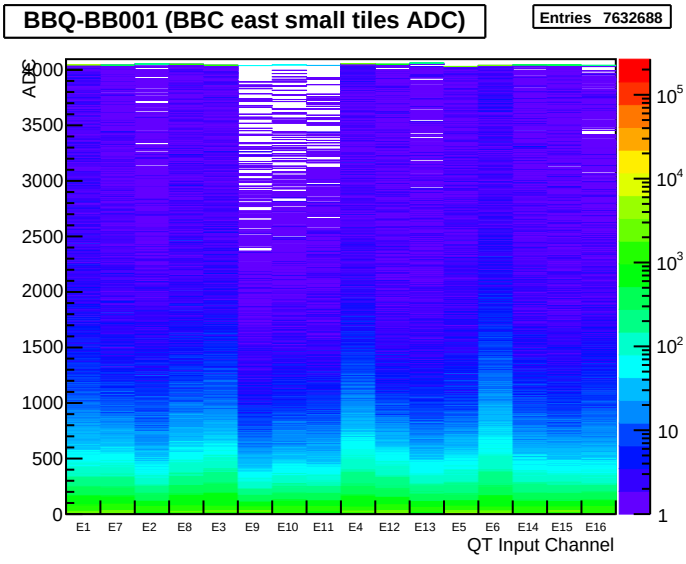

MIX-TF101
Entries 315066
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

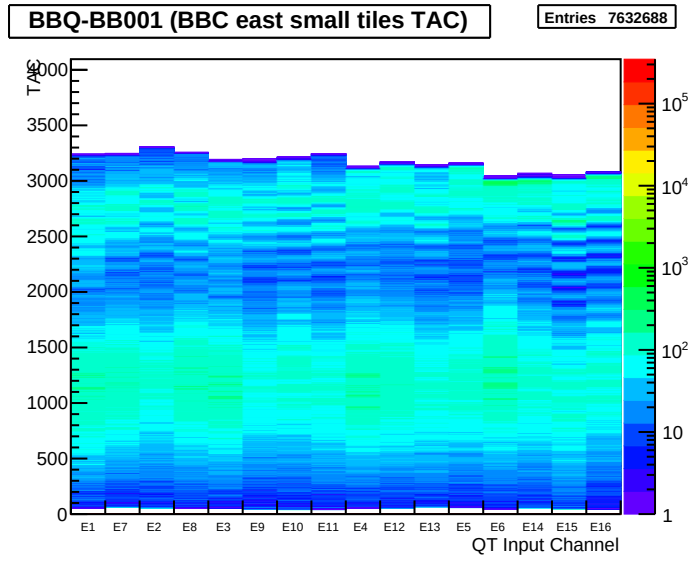

L2-TF201
Entries 477043
TOF total mult

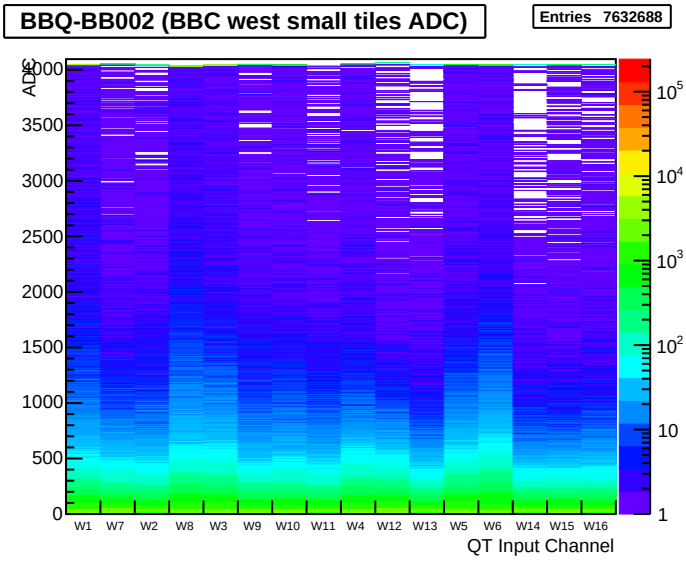

L2-TF201
Entries 0
TOF total mult(Real-Simu)

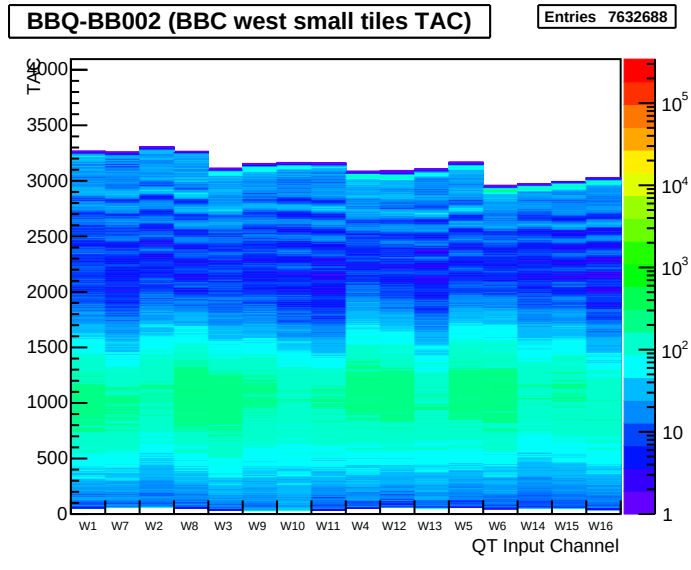

L2-TF201
Entries 3339301
Threshold/UPC bits
418231
421647
418102
420802
419246
414572
454454
58812
55396
58941
56241
57797
62471
22589
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

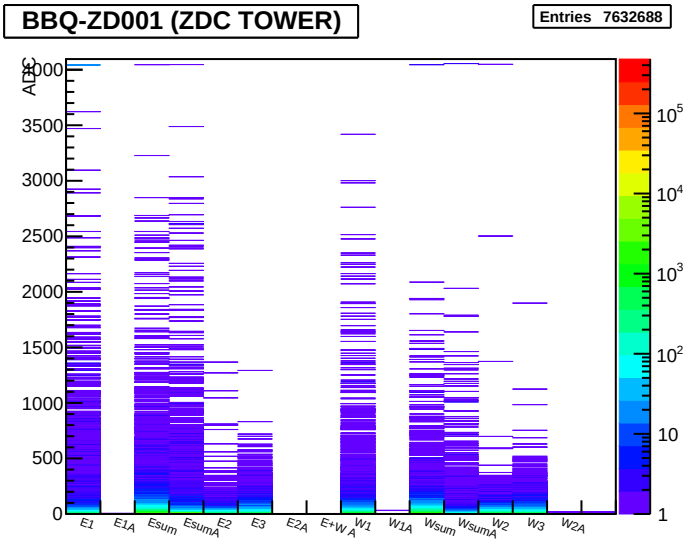

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

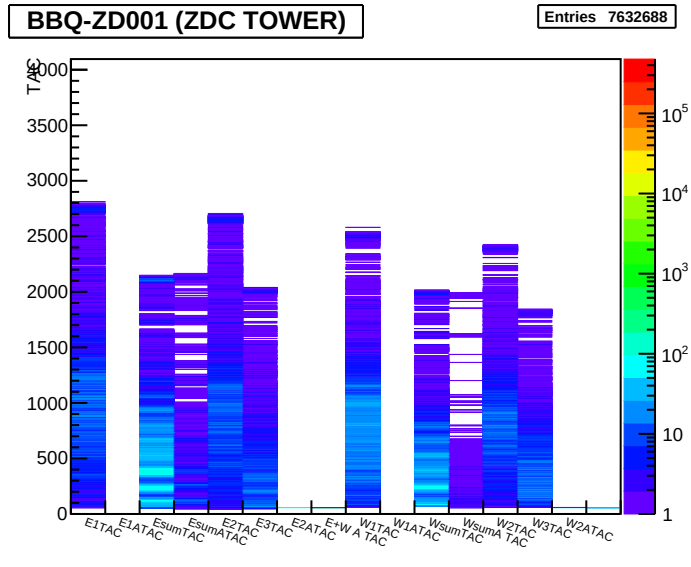

BBQ-BB001 (BBC east small tiles ADC)
Entries 7632688
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

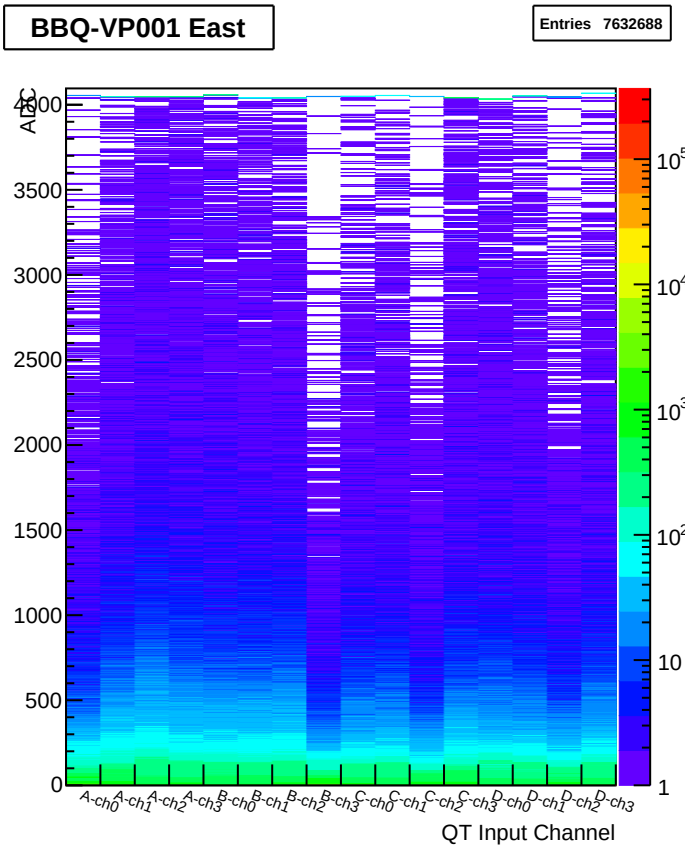

BBQ-BB001 (BBC east small tiles TAC)
Entries 7632688
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

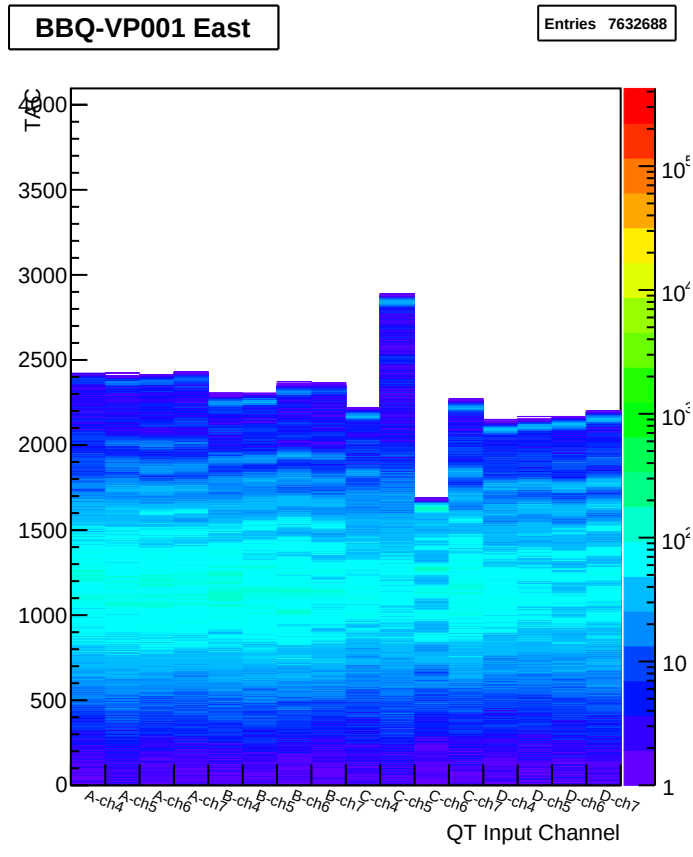

BBQ-BB002 (BBC west small tiles ADC)
Entries 7632688
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

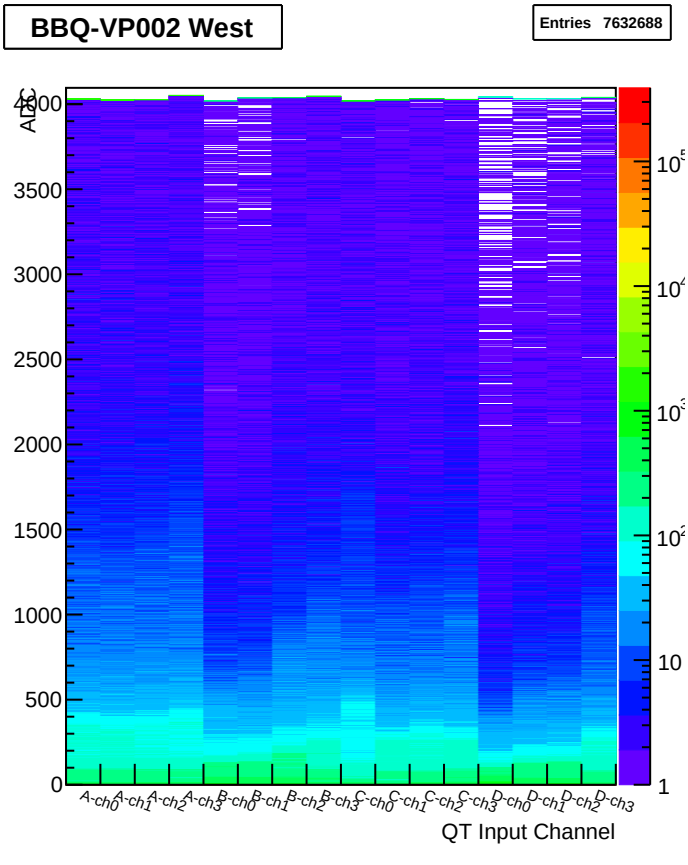

BBQ-BB002 (BBC west small tiles TAC)
Entries 7632688
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

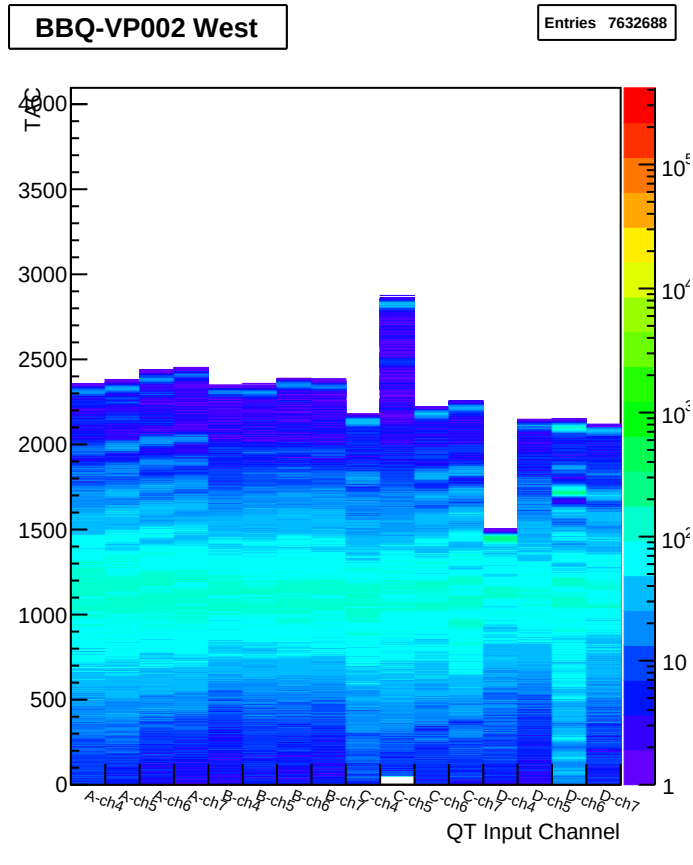

BBQ-ZD001 (ZDC TOWER)
Entries 7632688
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

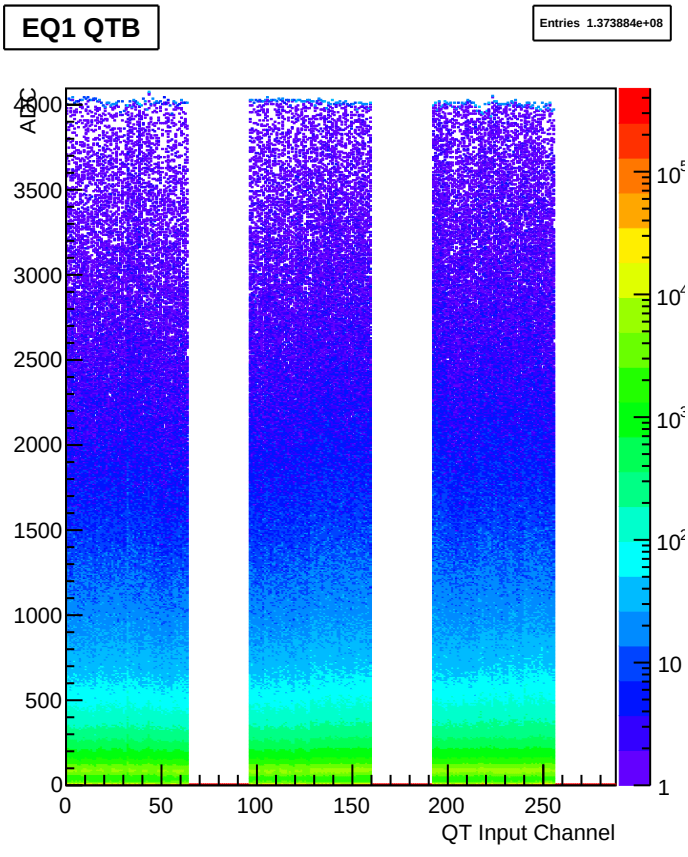

BBQ-ZD001 (ZDC TOWER)
Entries 7632688
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

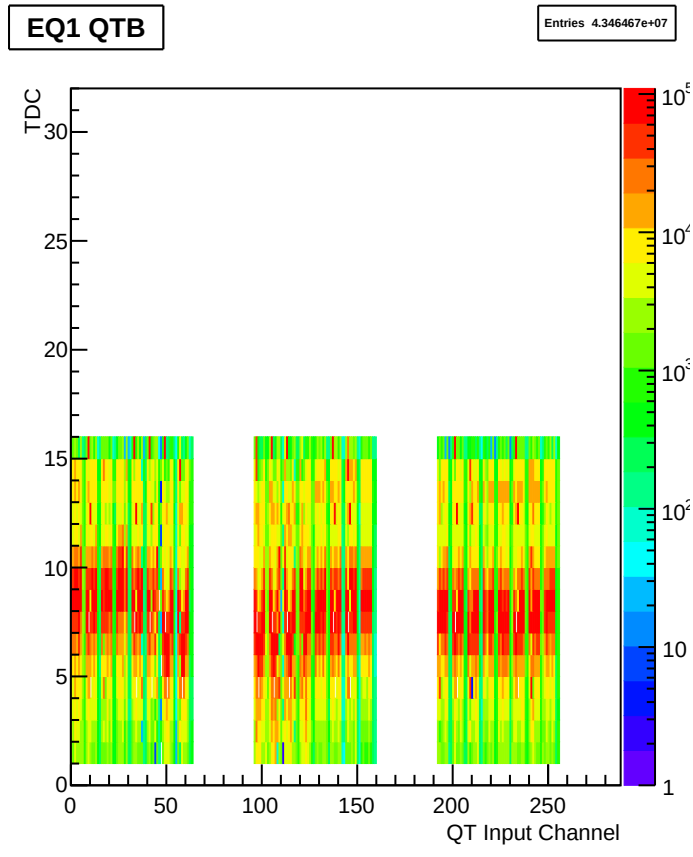

BBQ-VP001 East
Entries 7632688
ADC
QT Input Channel

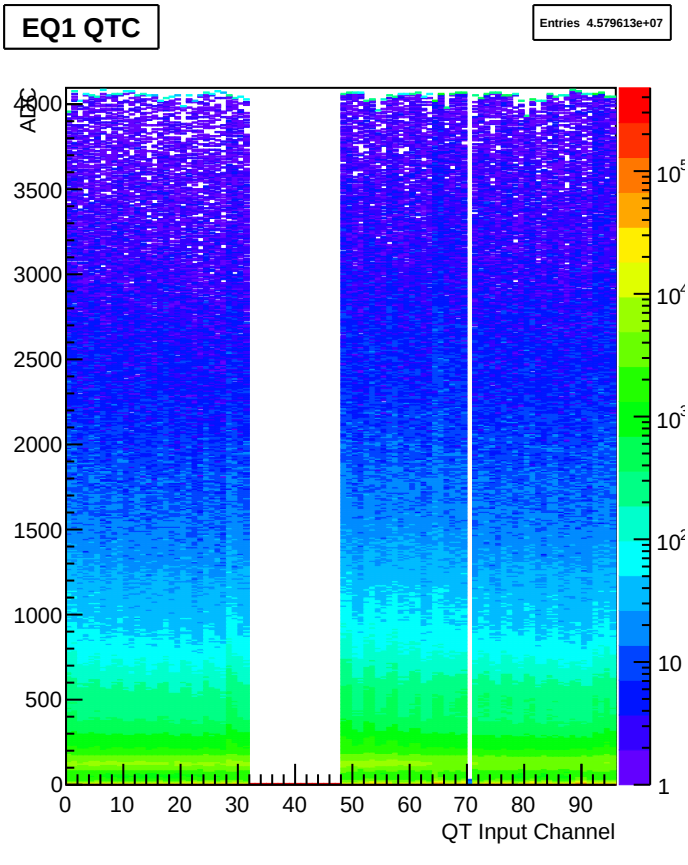

BBQ-VP001 East
Entries 7632688
ADC
QT Input Channel

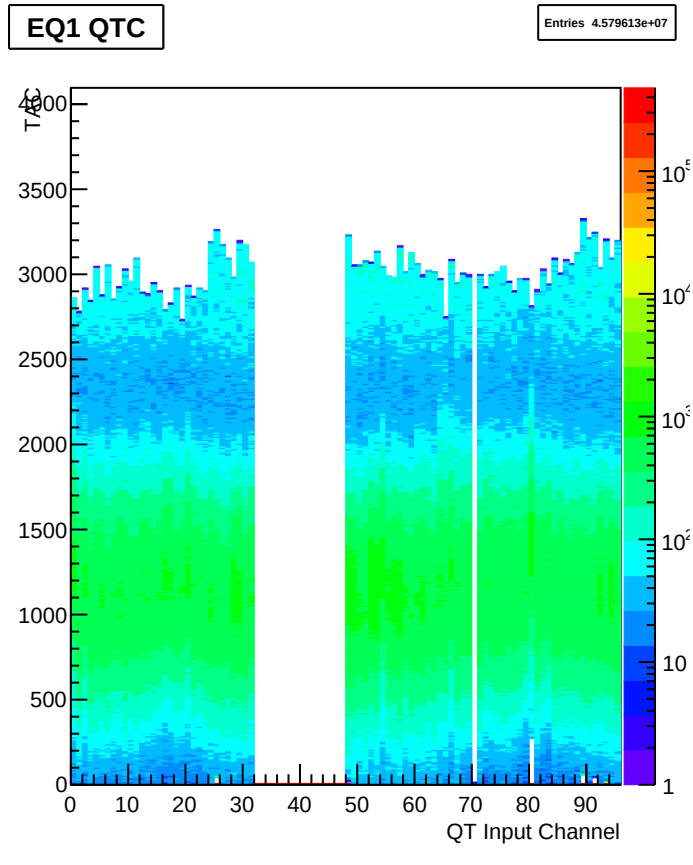

BBQ-VP002 West
Entries 7632688
ADC
QT Input Channel

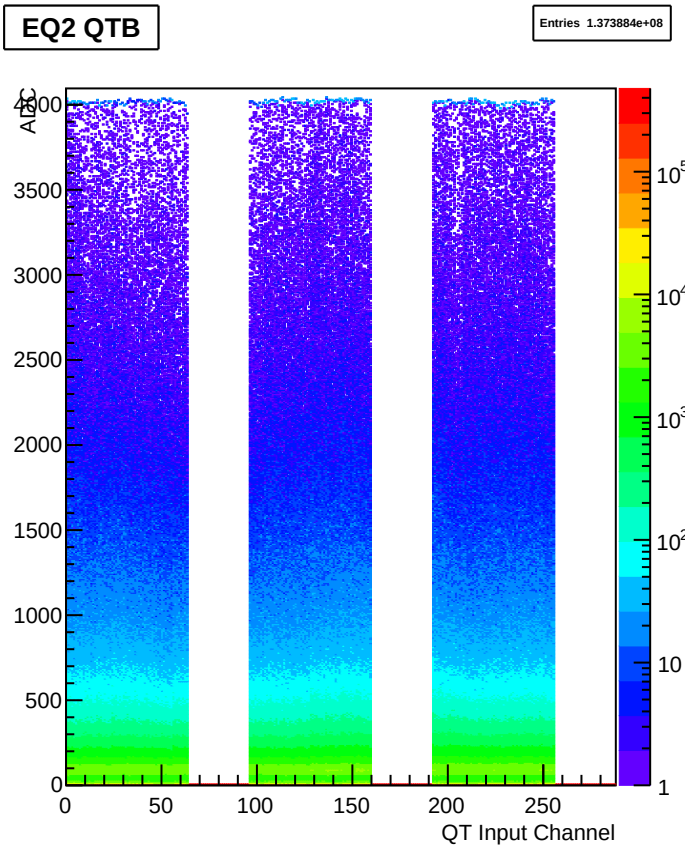

BBQ-VP002 West
Entries 7632688
ADC
QT Input Channel

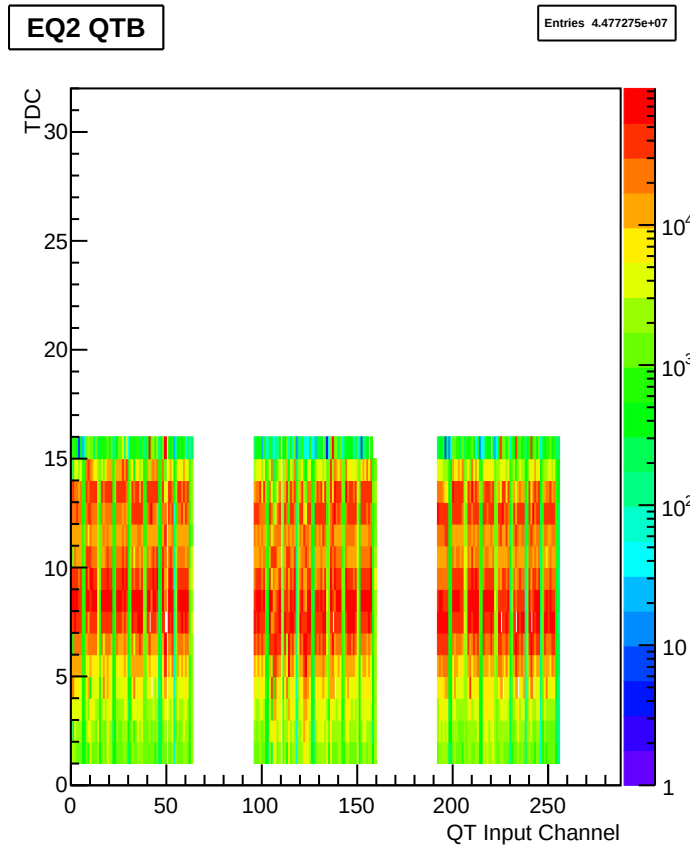

EQ1 QTB
Entries 1.373884e+08
ADC
QT Input Channel

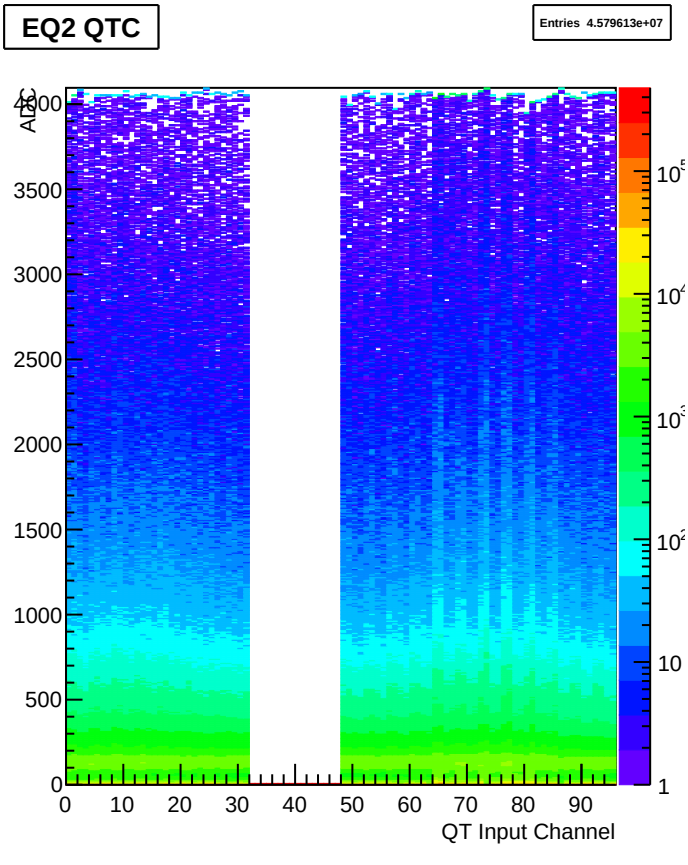

EQ1 QTB
Entries 4.346467e+07
TDC
QT Input Channel

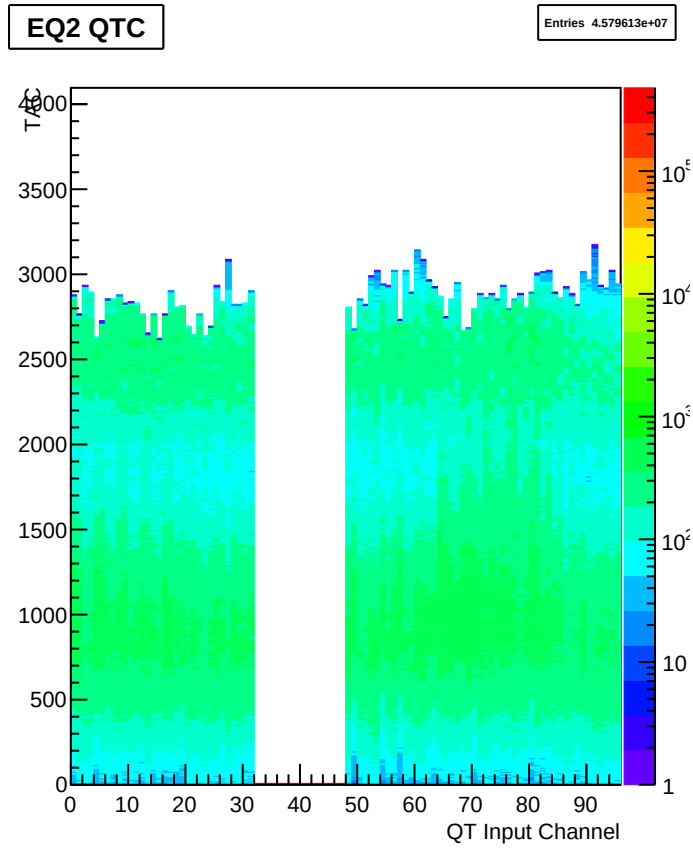

EQ1 QTC
Entries 4.579613e+07
ADC
QT Input Channel

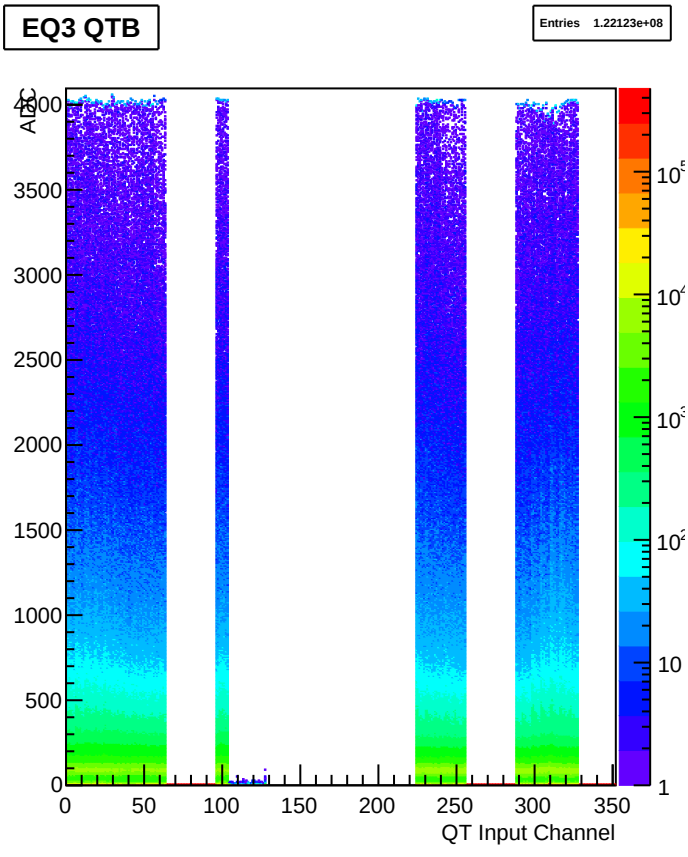

EQ1 QTC
Entries 4.579613e+07
TADC
QT Input Channel

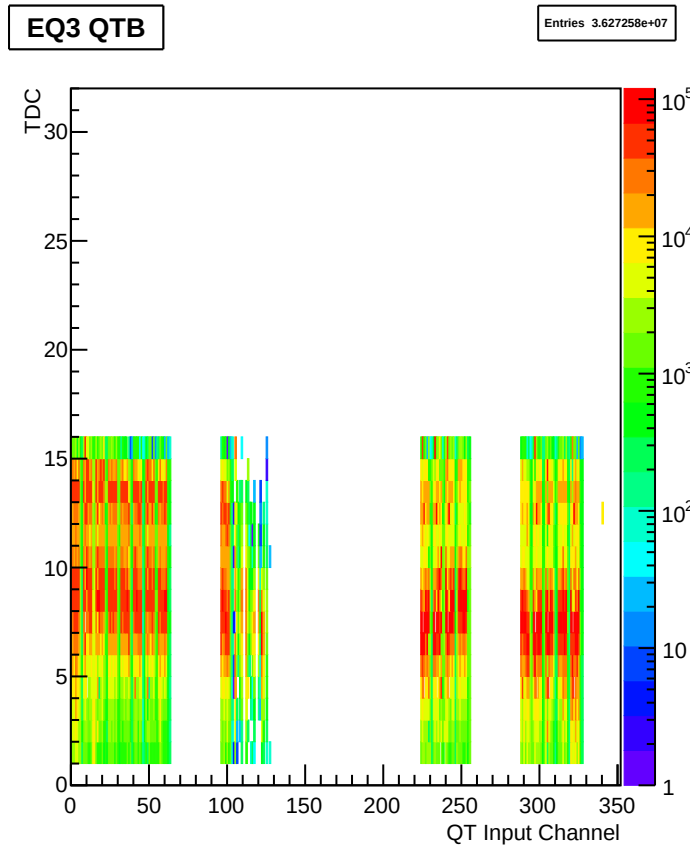

EQ2 QTB
Entries 1.373884e+08
ADC
QT Input Channel

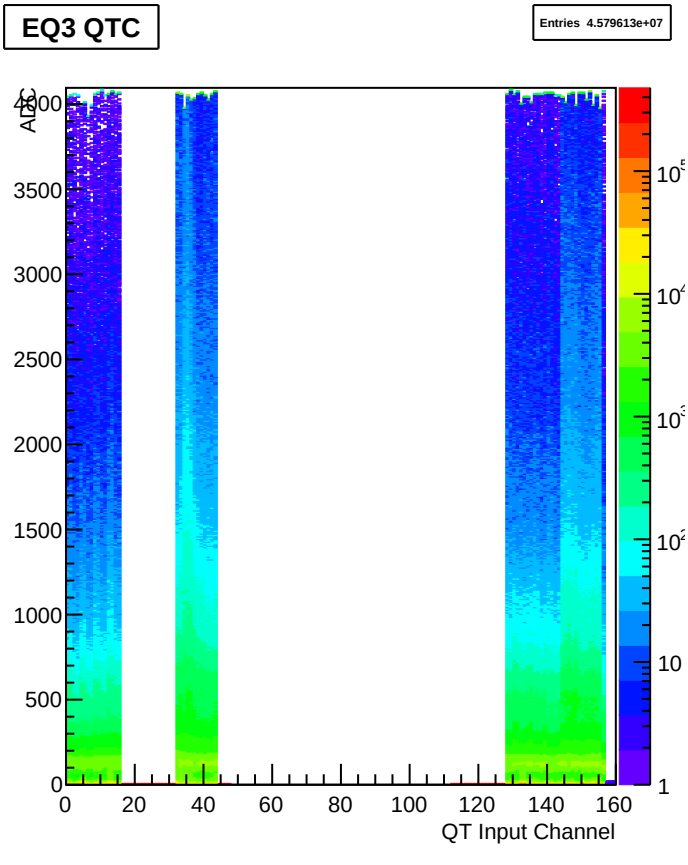

EQ2 QTB
Entries 4.477275e+07
TDC
QT Input Channel

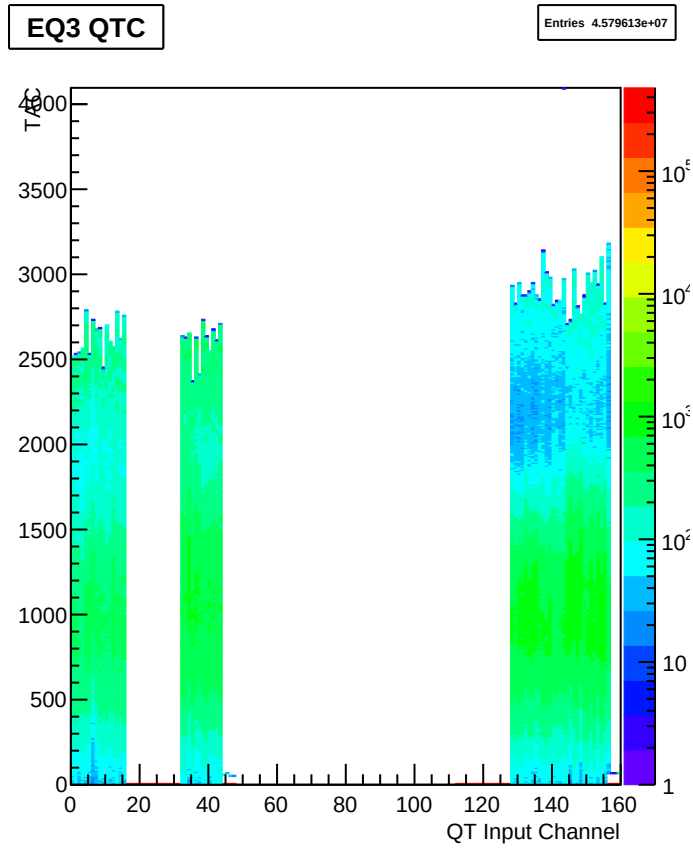

EQ2 QTC
Entries 4.579613e+07
ADC
QT Input Channel

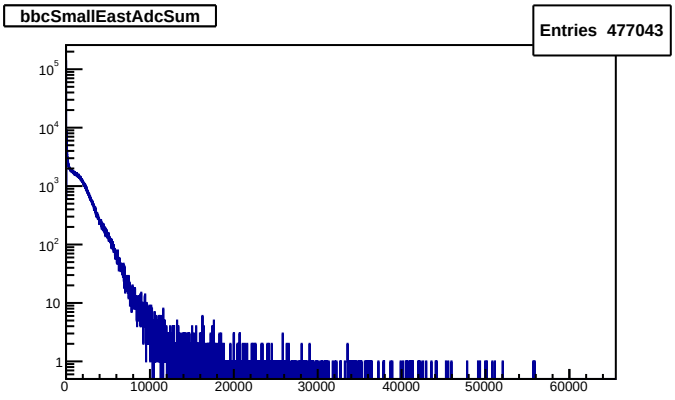

EQ2 QTC
Entries 4.579613e+07
TADC
QT Input Channel

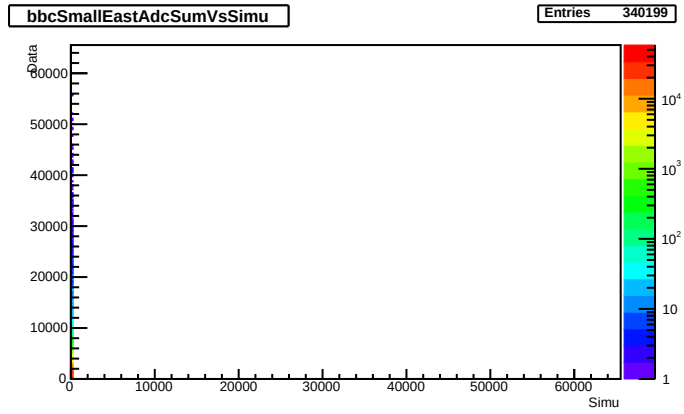

EQ3 QTB
Entries 1.22123e+08
ADC
QT Input Channel

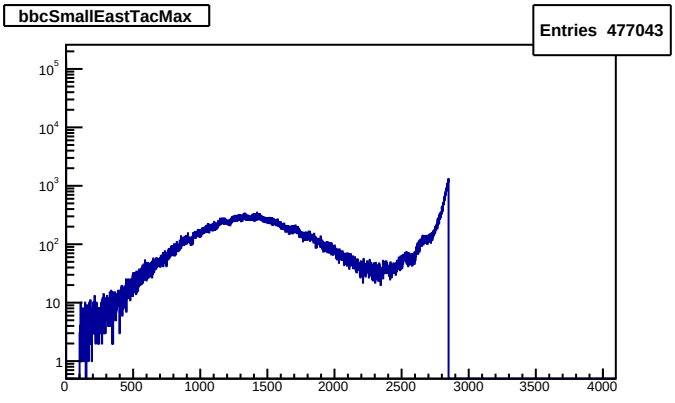

EQ3 QTB
Entries 3.627258e+07
TDC
QT Input Channel

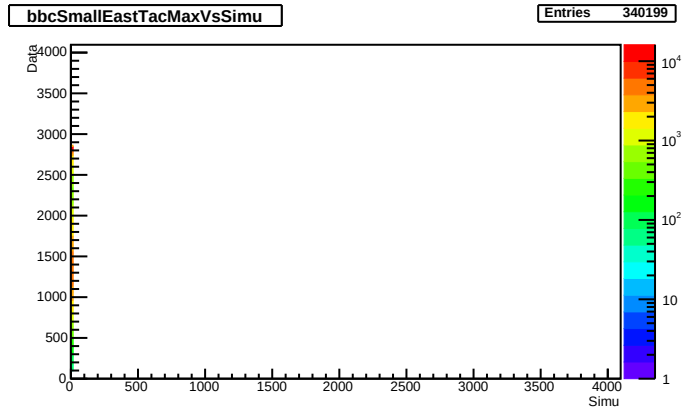

EQ3 QTC
Entries 4.579613e+07
ADC
QT Input Channel

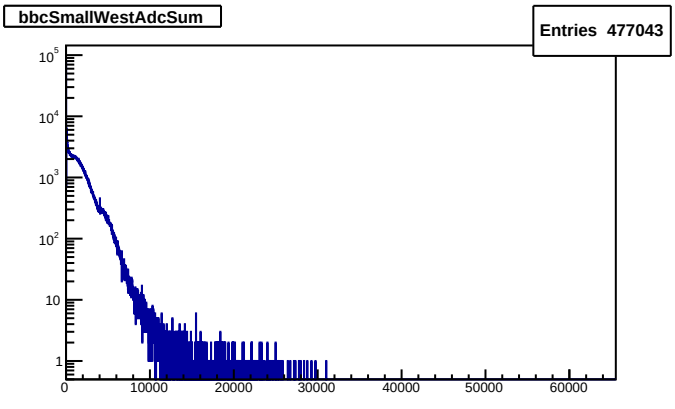

EQ3 QTC
Entries 4.579613e+07
TADC
QT Input Channel

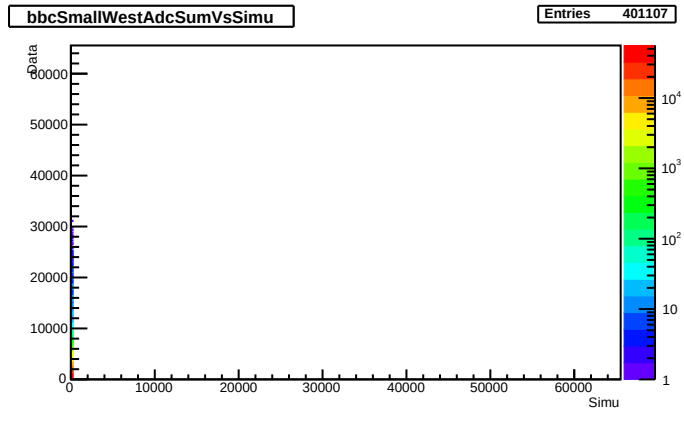

bbcSmallEastAdcSum
Entries 477043

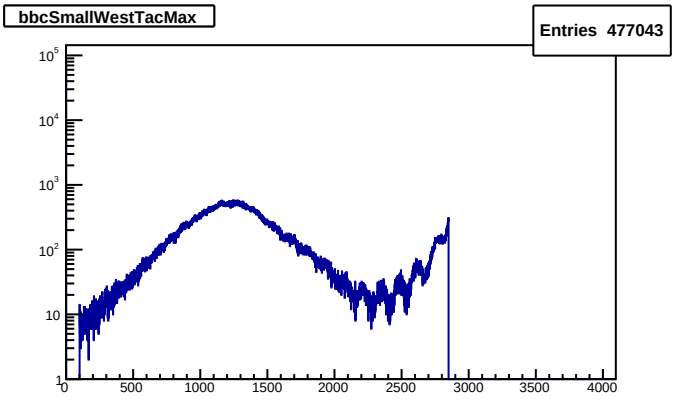

bbcSmallEastAdcSumVsSimu
Entries 340199
Data
Simu

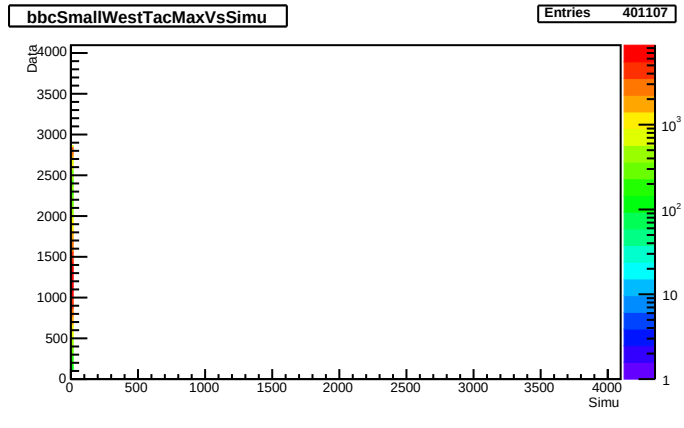

bbcSmallEastTacMax
Entries 477043

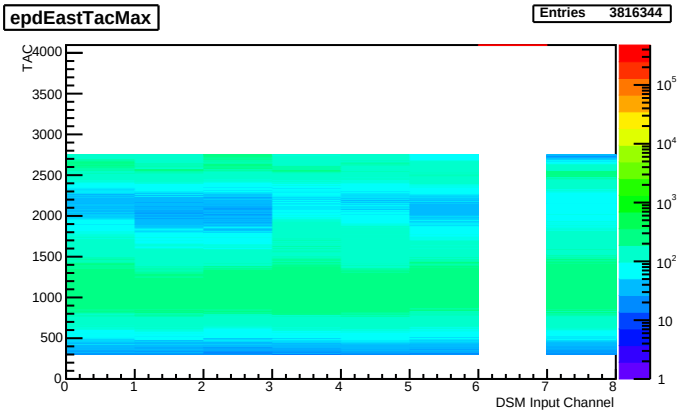

bbcSmallEastTacMaxVsSimu
Entries 340199
Data
Simu

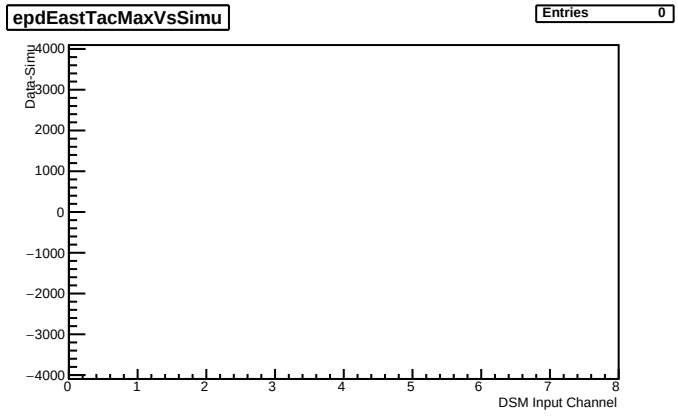

bbcSmallWestAdcSum
Entries 477043

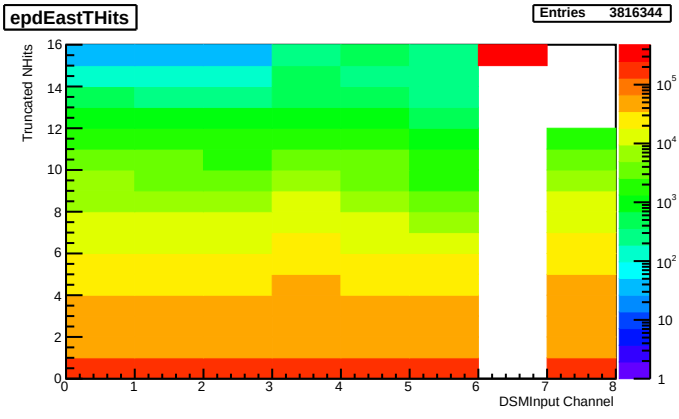

bbcSmallWestAdcSumVsSimu
Entries 401107
Data
Simu

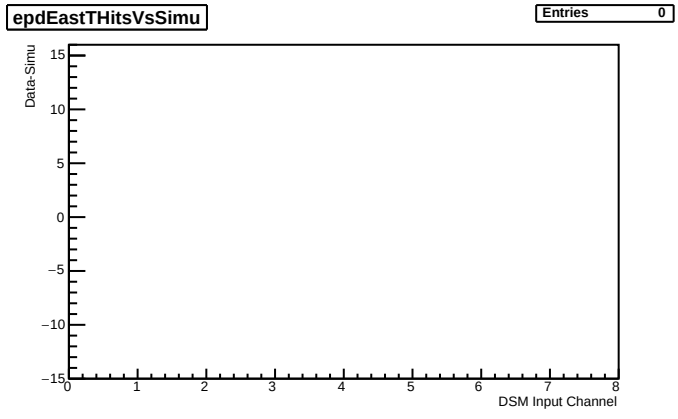

bbcSmallWestTacMax
Entries 477043


bbcSmallWestTacMaxVsSimu
Entries 401107
Data
Simu


epdEastTacMax
Entries 3816344
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3816344
Truncated NHits
DSMInput Channel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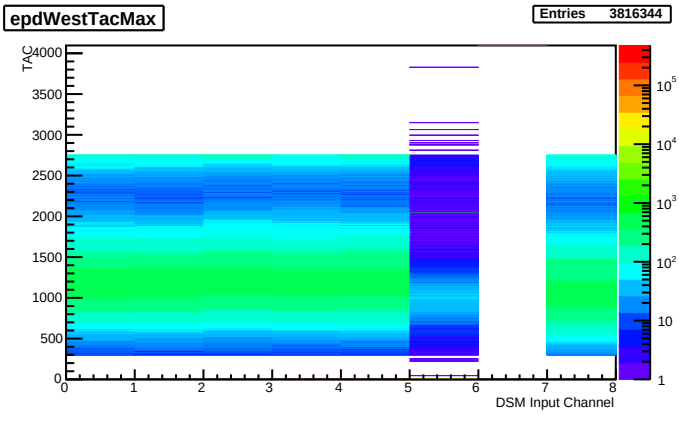
DSM Input Channel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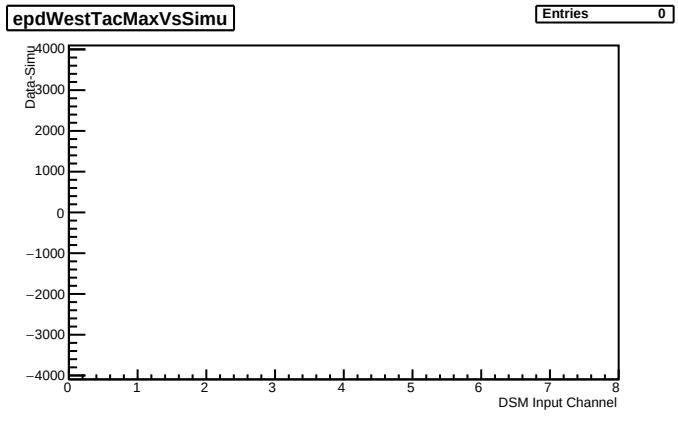
TAC
DSM Input Channel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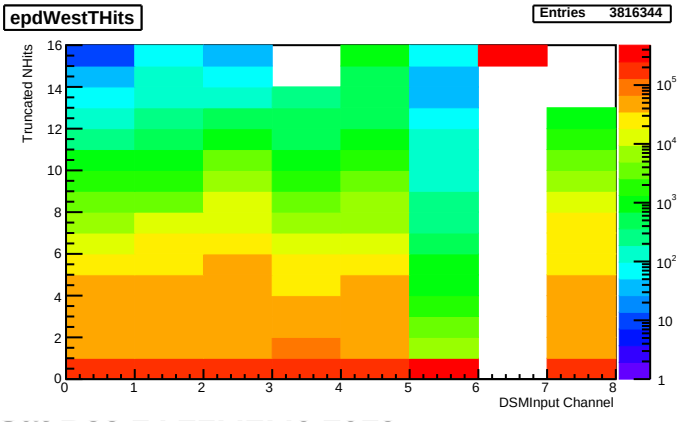
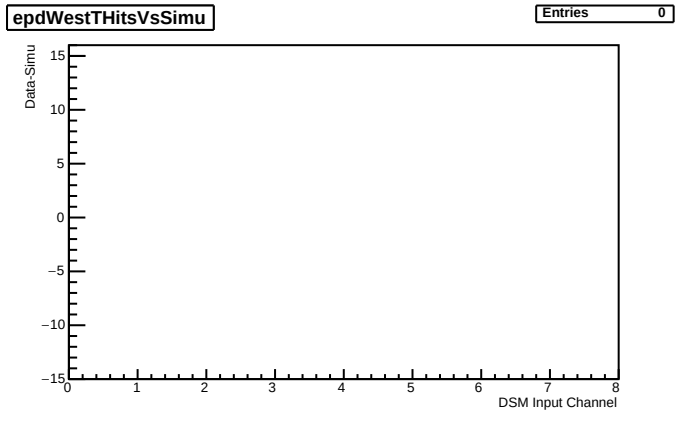
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3816344
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
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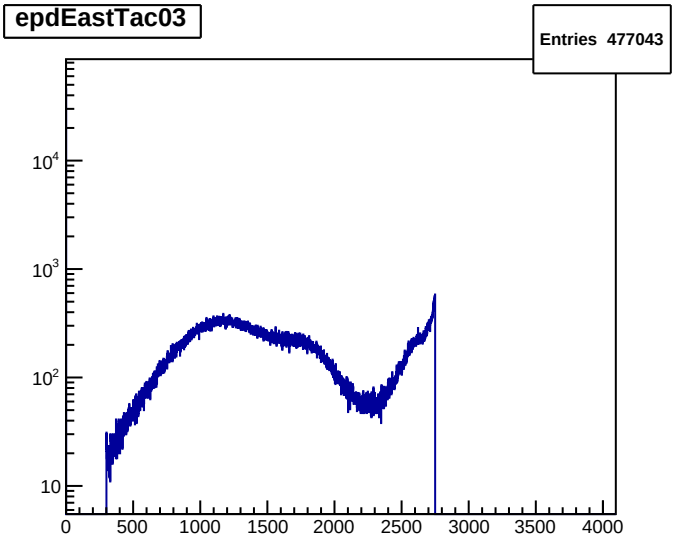
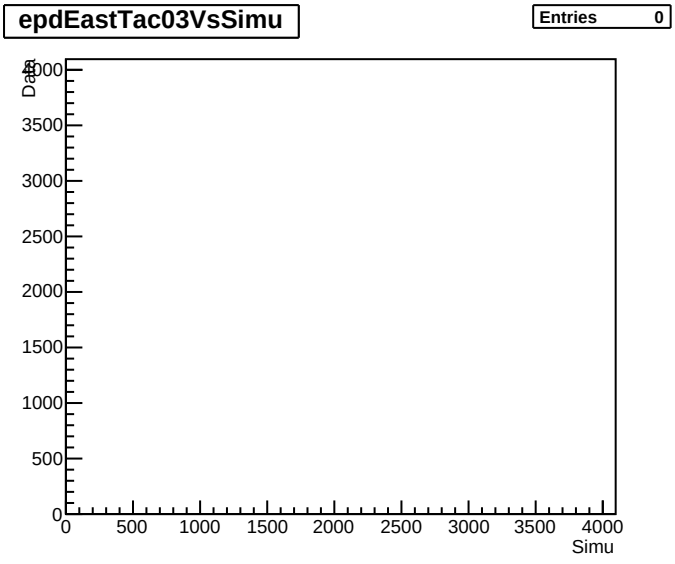
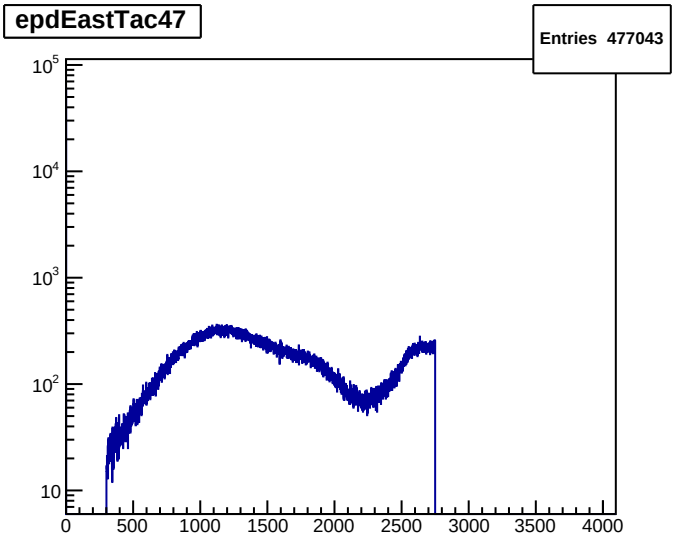
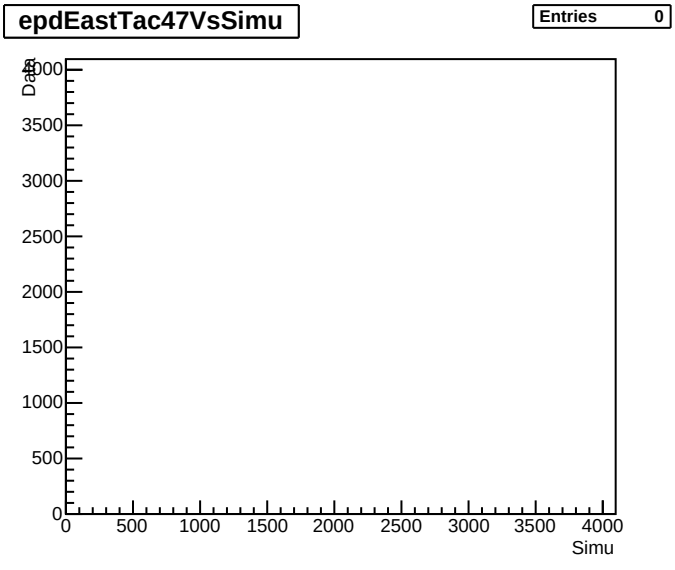
Data-Simu
DSM Input Channel


epdEastTac03
Entries 477043


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 477043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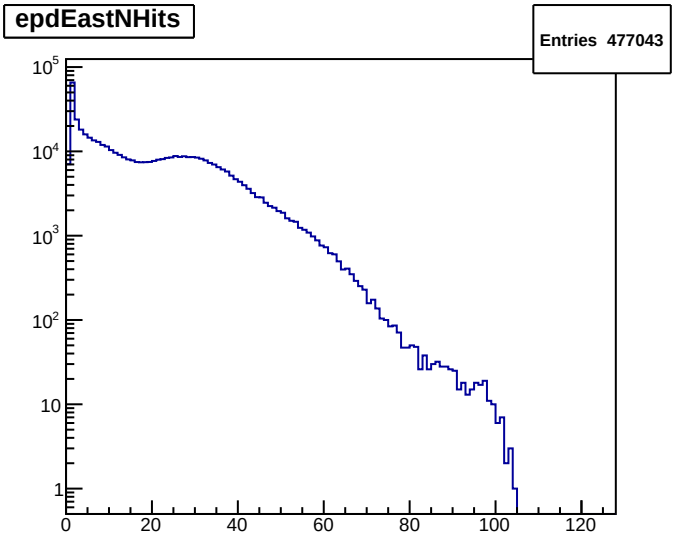
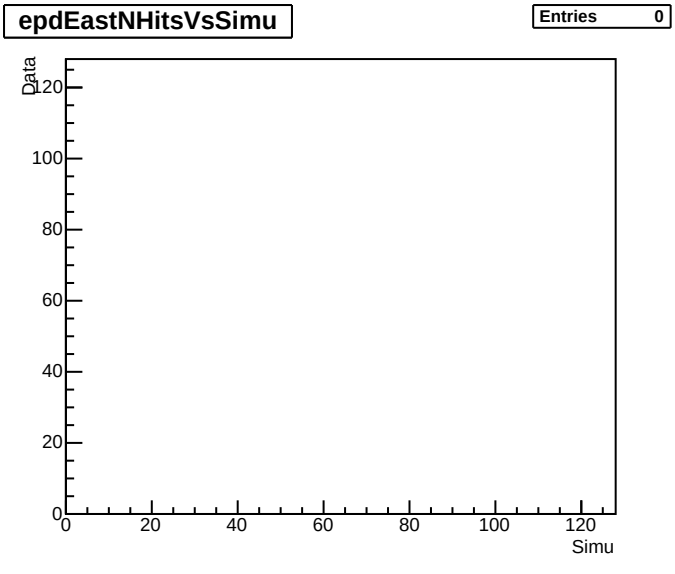
Entries 0
Data
Simu


epdEastNHits
Entries 477043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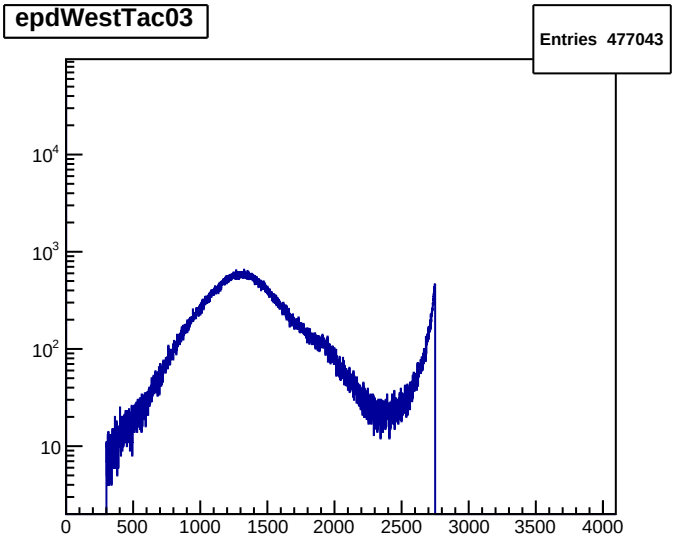
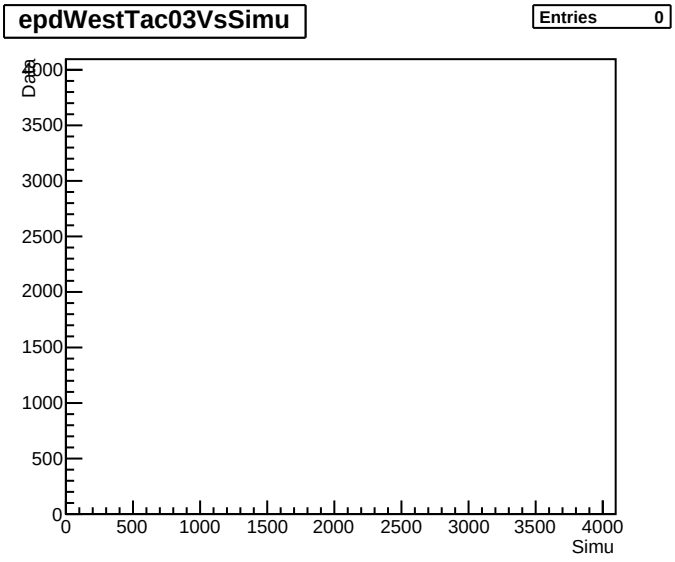
Entries 0
Data
Simu


epdWestTac03
Entries 477043
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdWestTac03VsSimu
Entries 0
Data
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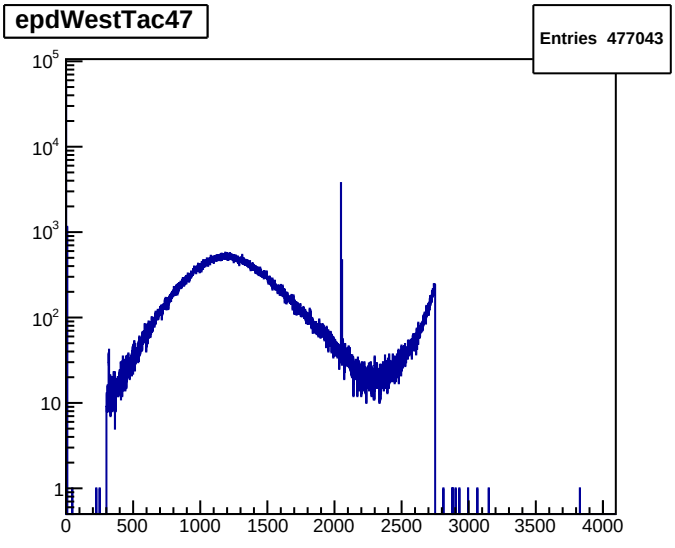
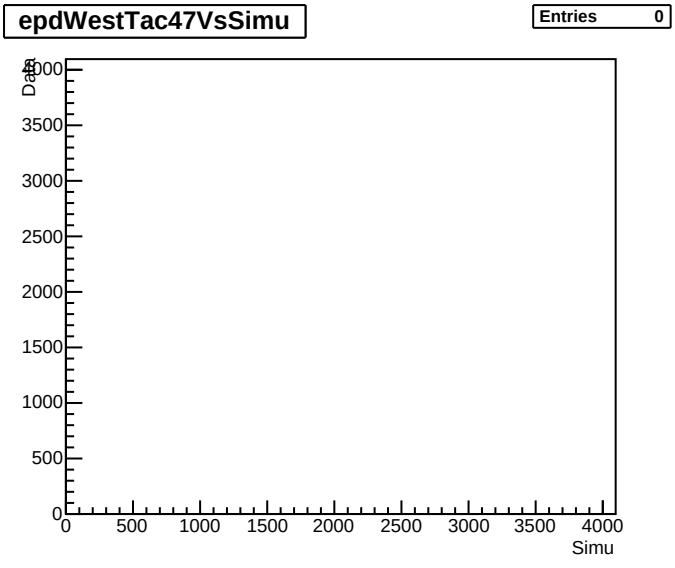
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdWestTac47
Entries 477043
10^5
10^4
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000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Entries 0
Data
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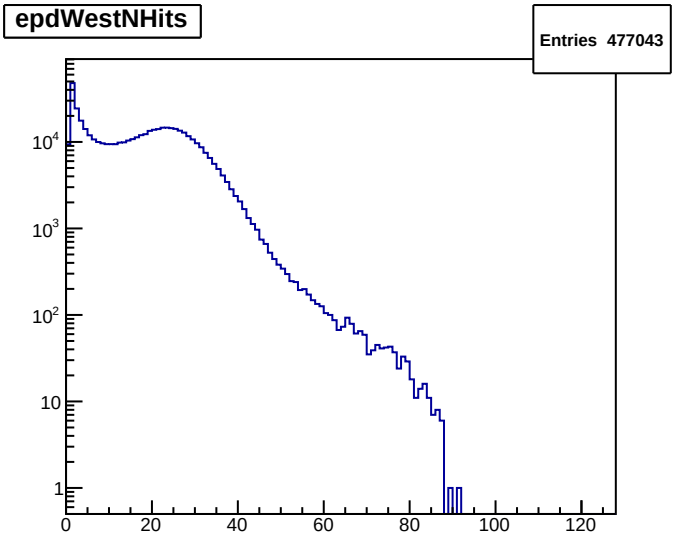
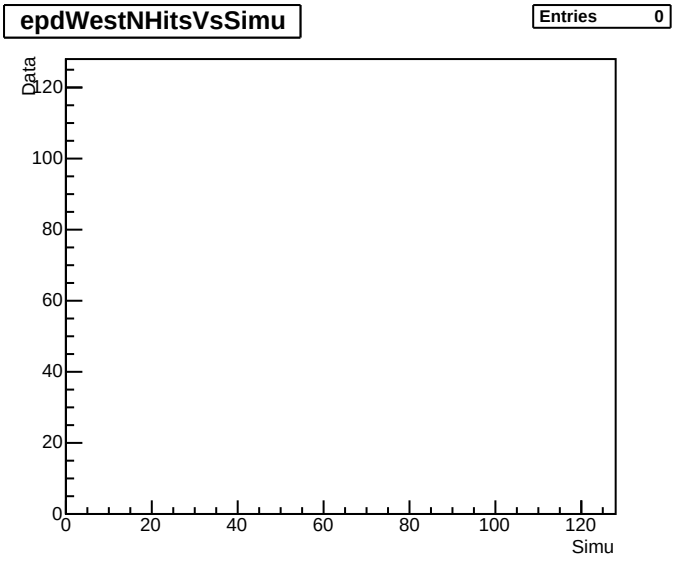
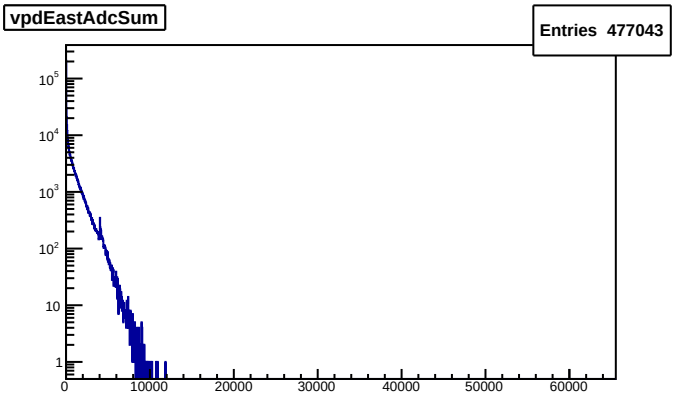
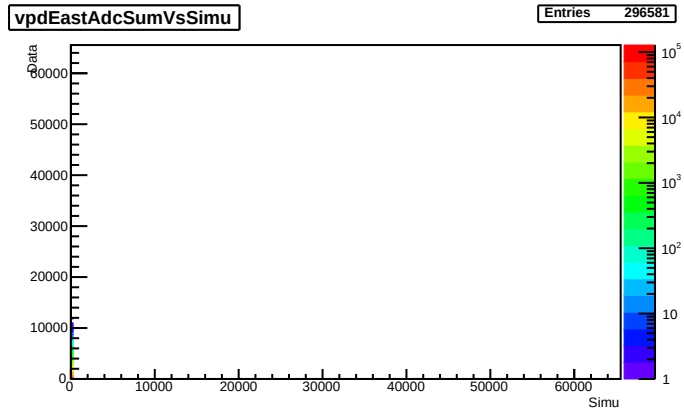
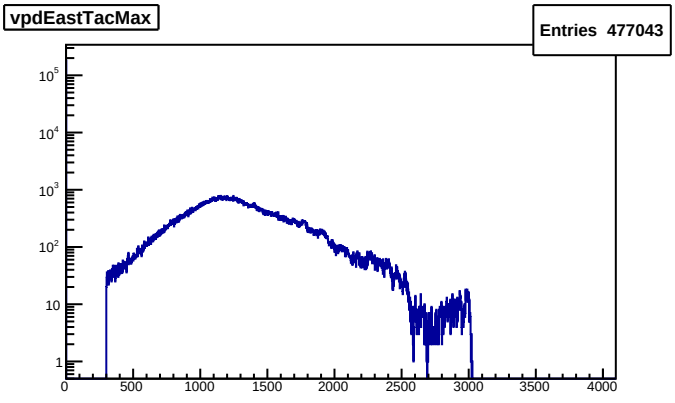
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

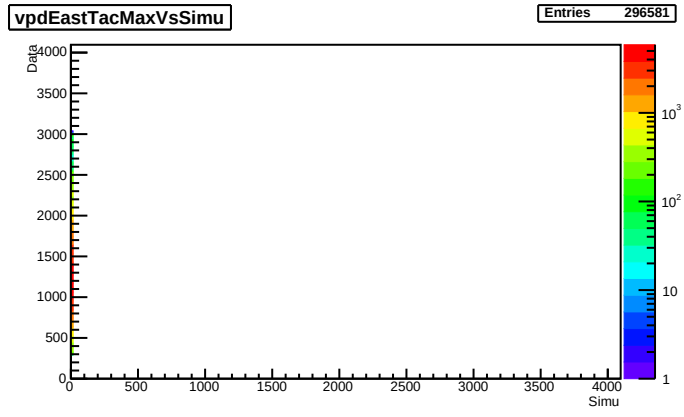

epdWestNHits
Entries 477043
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

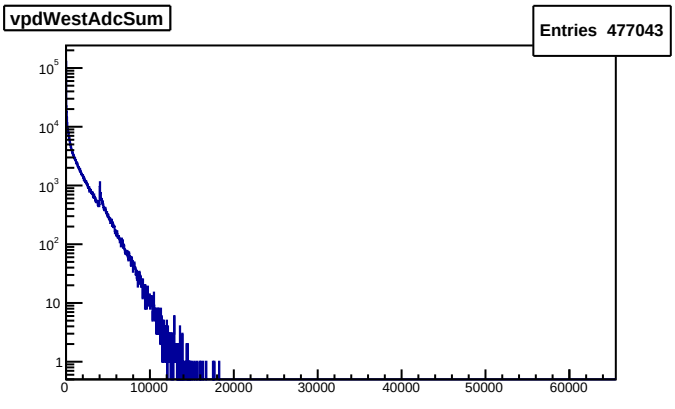

epdWestNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

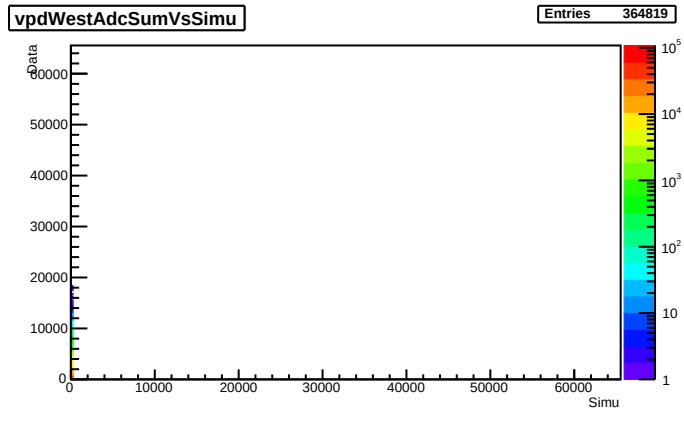

vpdEastAdcSum
Entries 477043

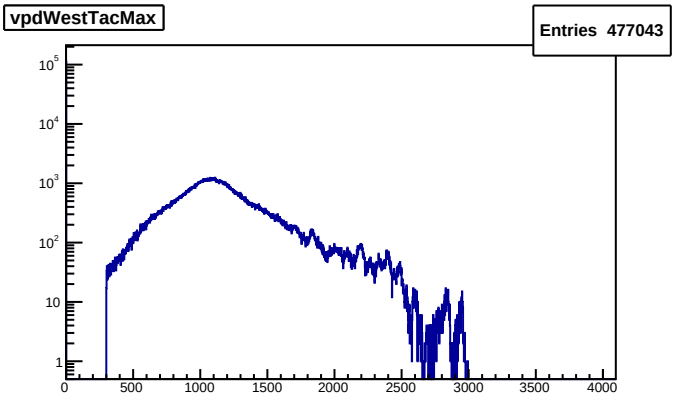

vpdEastAdcSumVsSimu
Entries 296581
Data
Simu

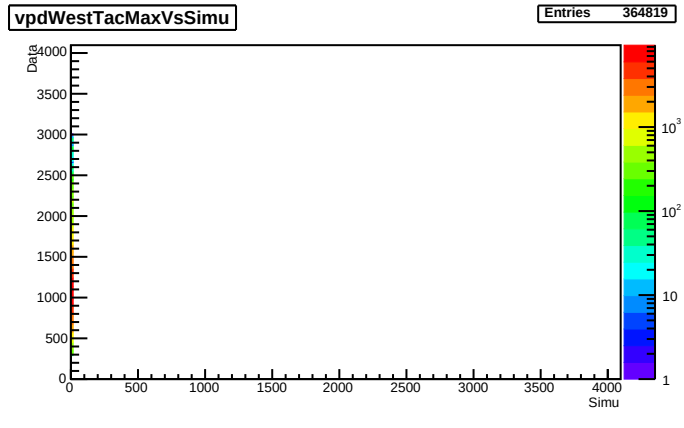

vpdEastTacMax
Entries 477043

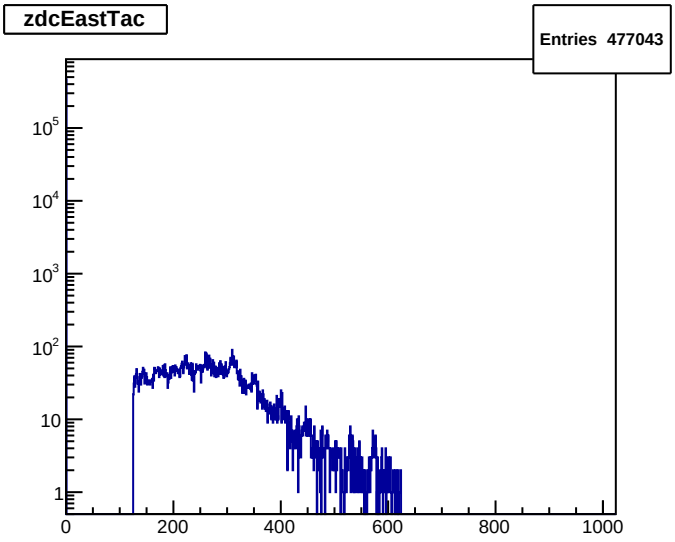

vpdEastTacMaxVsSimu
Entries 296581
Data
Simu

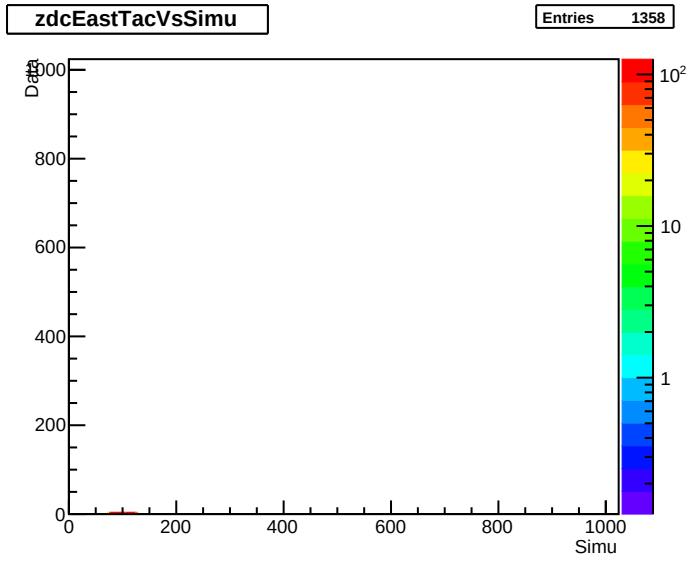

vpdWestAdcSum
Entries 477043

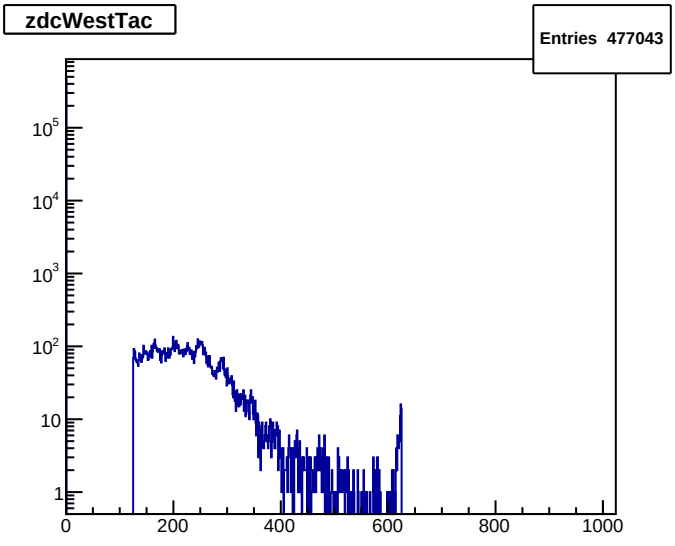

vpdWestAdcSumVsSimu
Entries 364819
Data
Simu

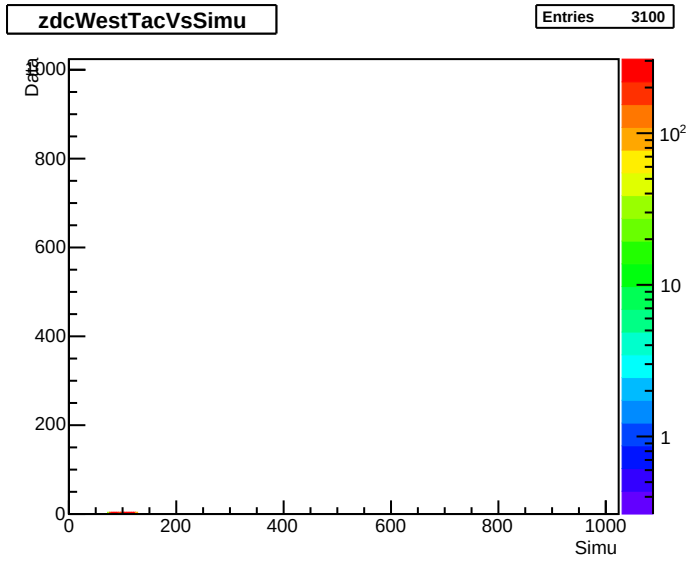

vpdWestTacMax
Entries 477043

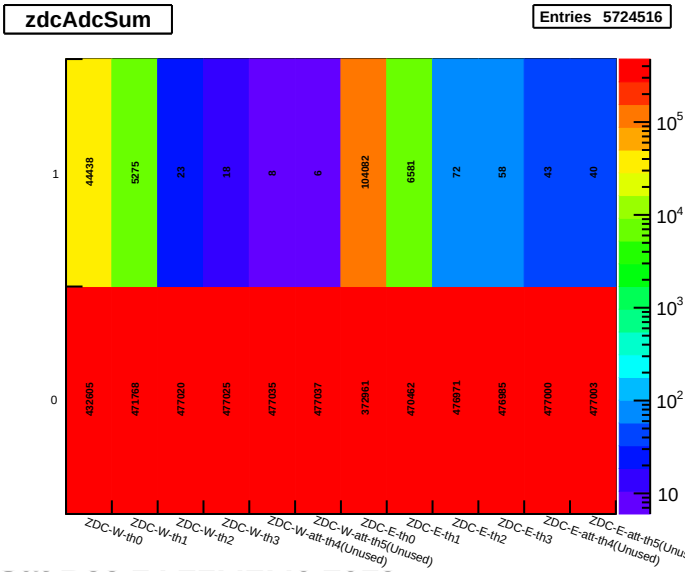

vpdWestTacMaxVsSimu
Entries 364819
Data
Simu

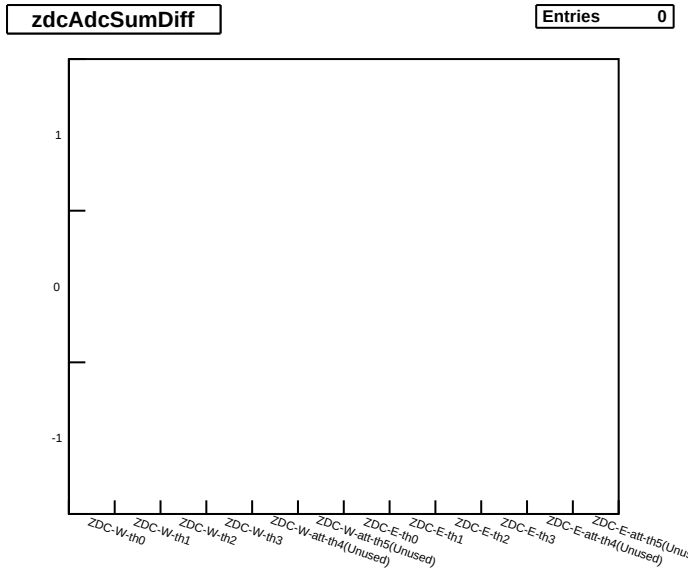

zdcEastTac
Entries 477043

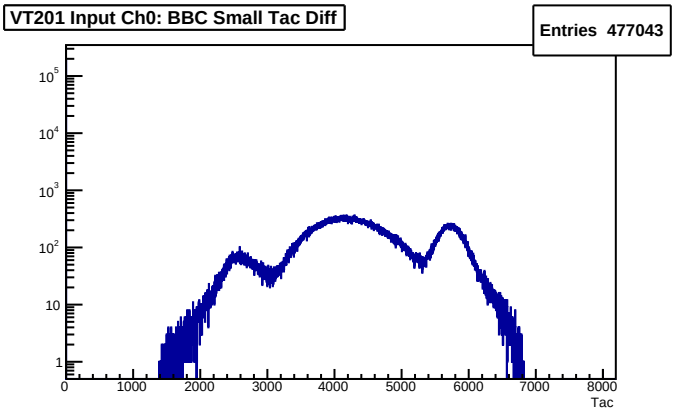

zdcEastTacVsSimu
Entries 1358
Data
Simu

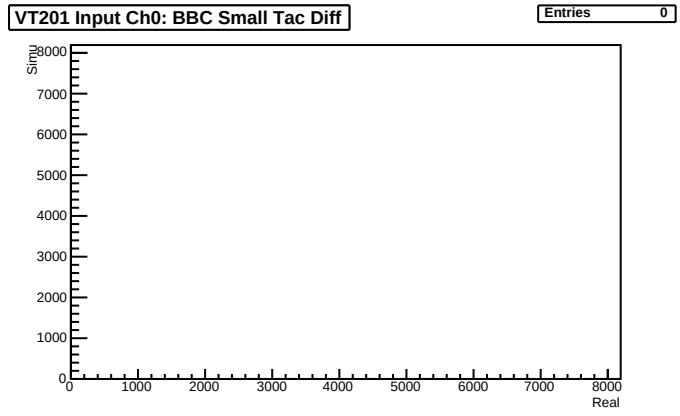

zdcWestTac
Entries 477043

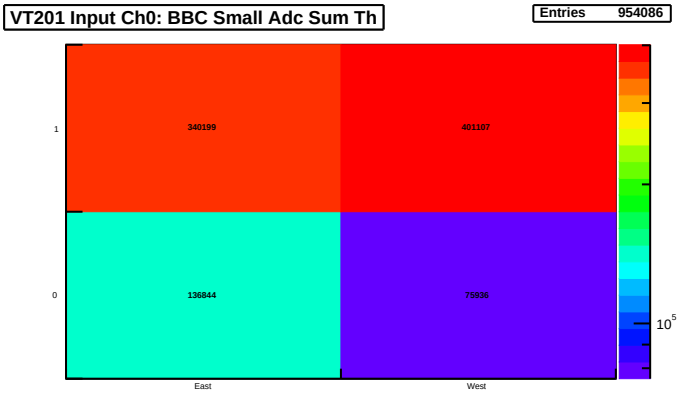

zdcWestTacVsSimu
Entries 3100
Data
Simu

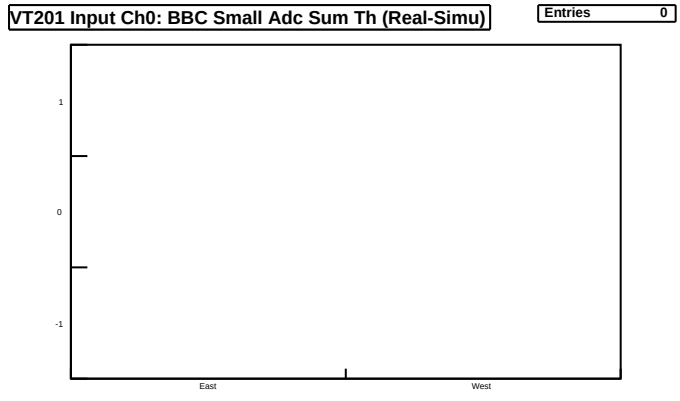

zdcAdcSum
Entries 5724516
44438
5275
23
18
8
6
104082
6581
72
58
43
40
432605
471768
477020
477025
477035
477037
372961
470462
476971
476865
477000
477003
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

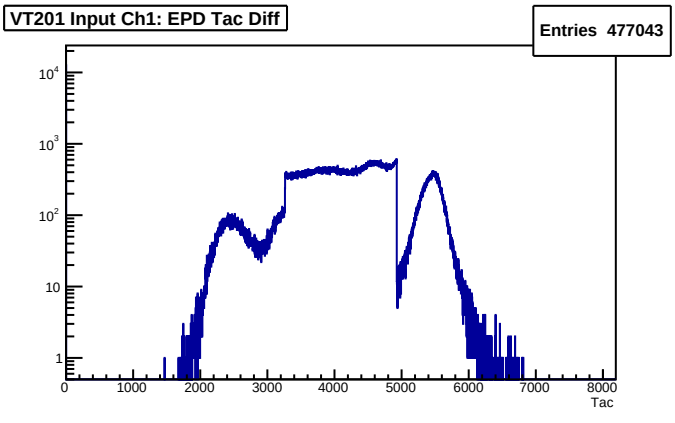

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

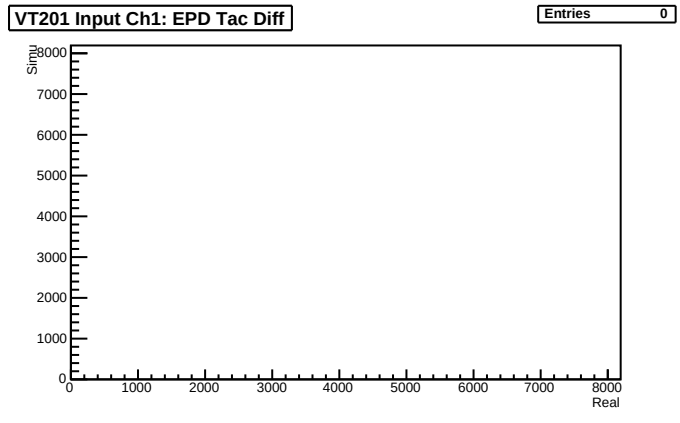

VT201 Input Ch0: BBC Small Tac Diff
Entries 477043
Tac

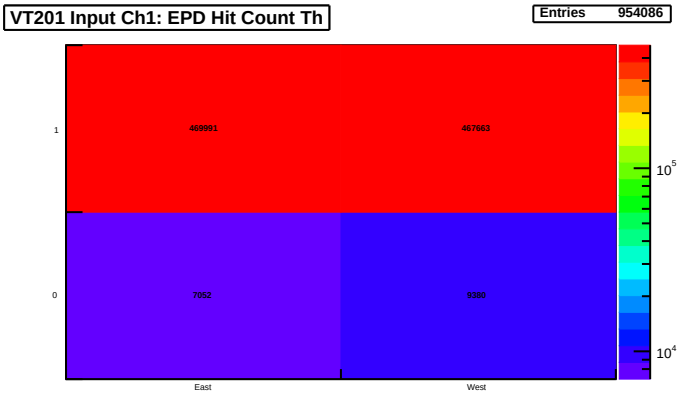

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

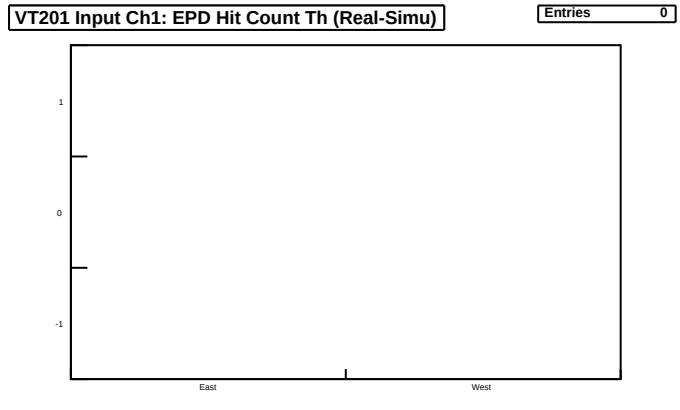

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 954086
340199
401107
136844
75936
East
West

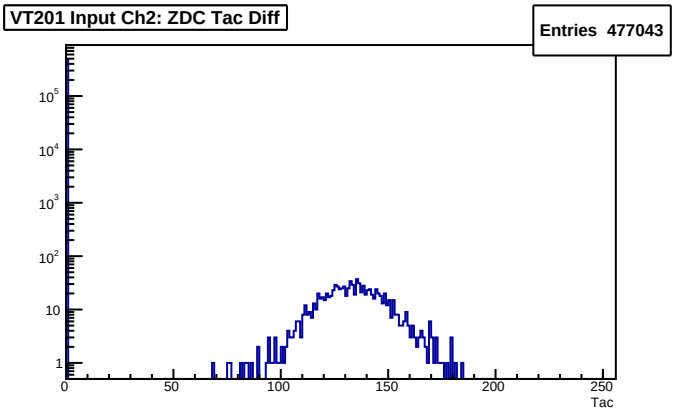

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

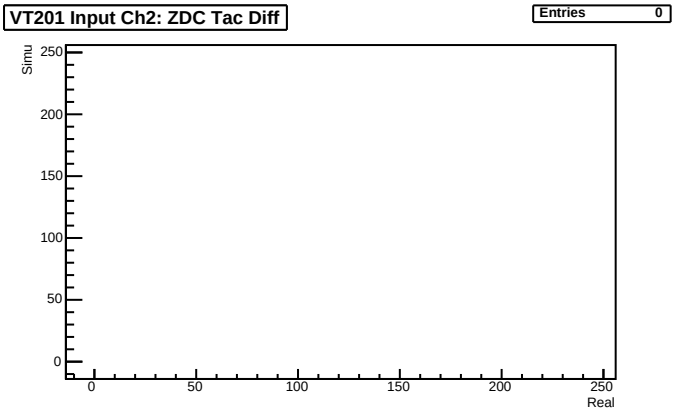

VT201 Input Ch1: EPD Tac Diff
Entries 477043
Tac

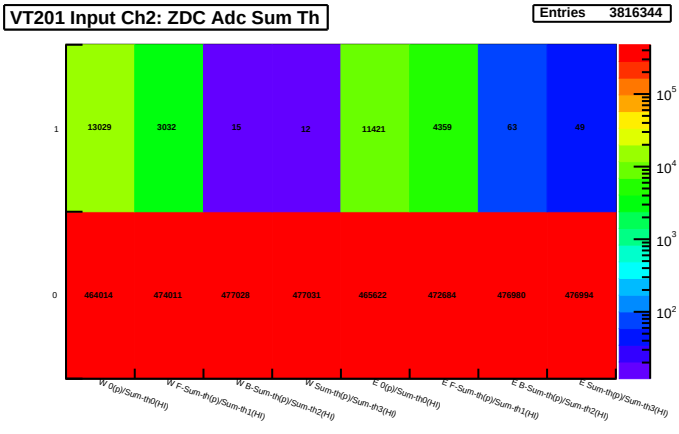

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

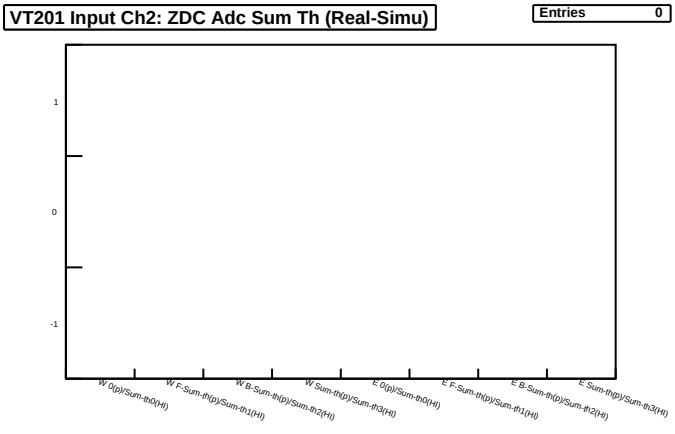

VT201 Input Ch1: EPD Hit Count Th
Entries 954086
469991
467663
7052
9380
East
West

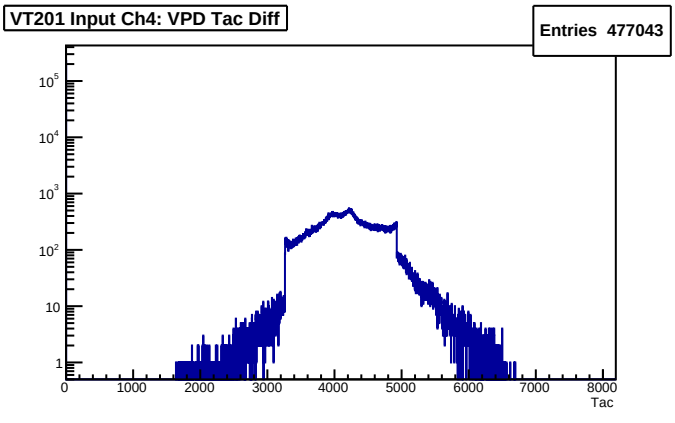

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

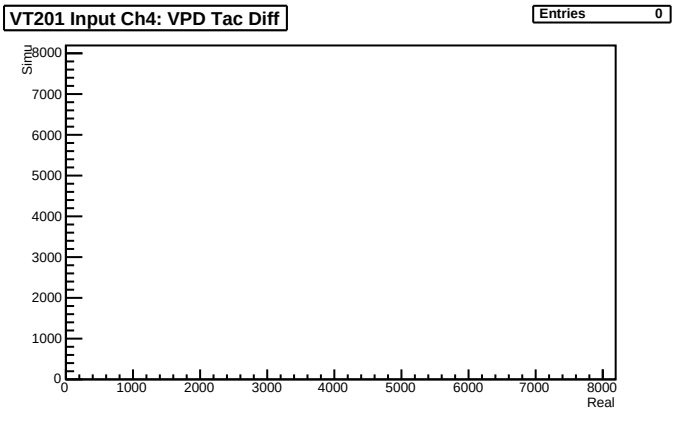

VT201 Input Ch2: ZDC Tac Diff
Entries 477043
Tac

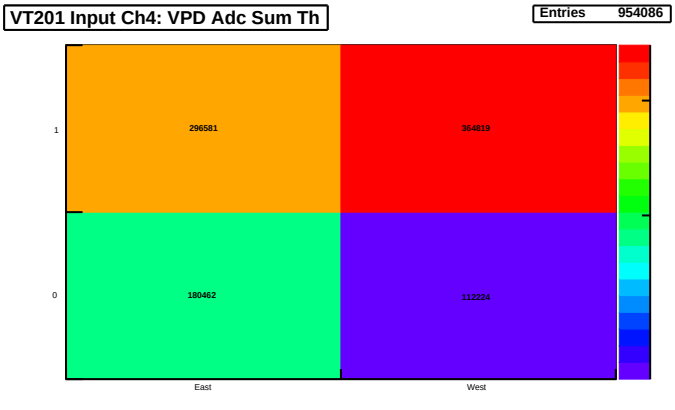

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

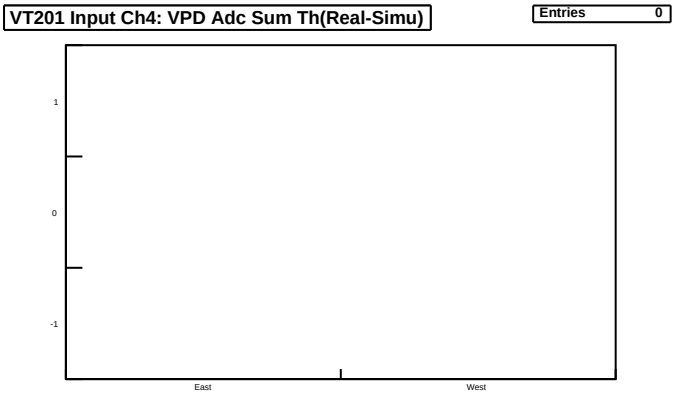

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3816344
13029
3032
15
12
11421
4359
63
49
464014
474011
477028
477031
465622
472684
476980
476994
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

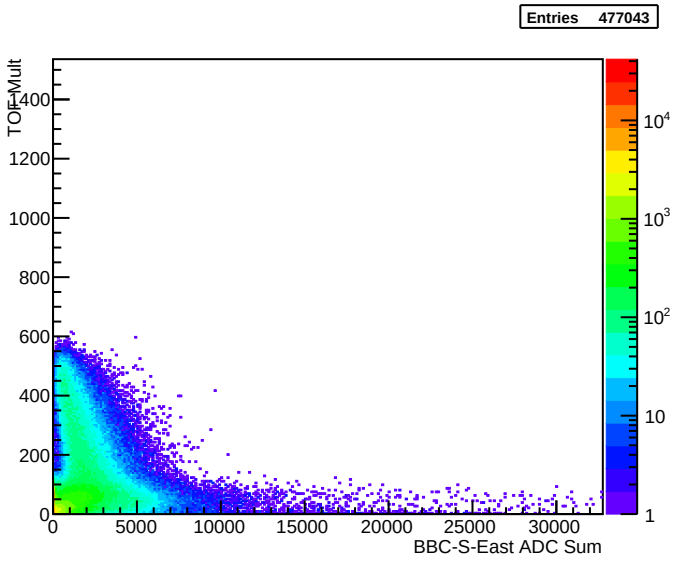

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

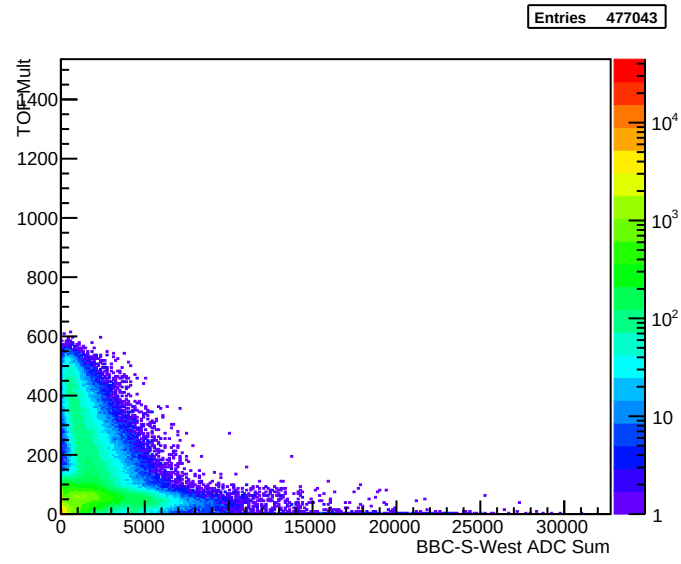

VT201 Input Ch4: VPD Tac Diff
Entries 477043
Tac

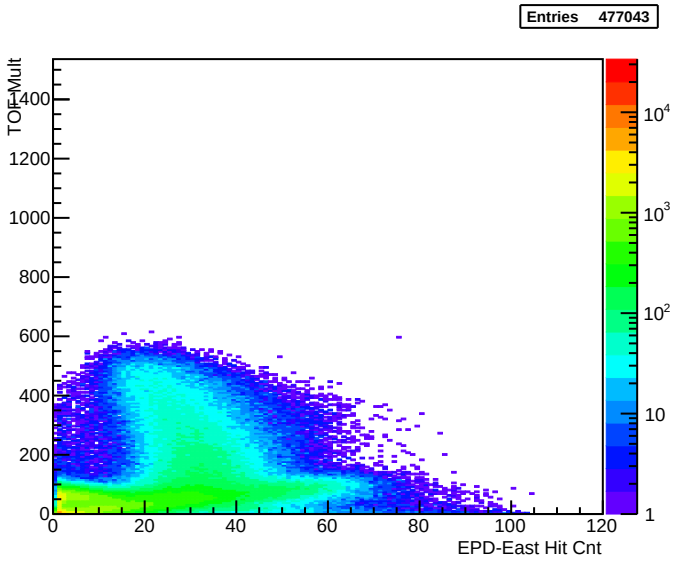

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

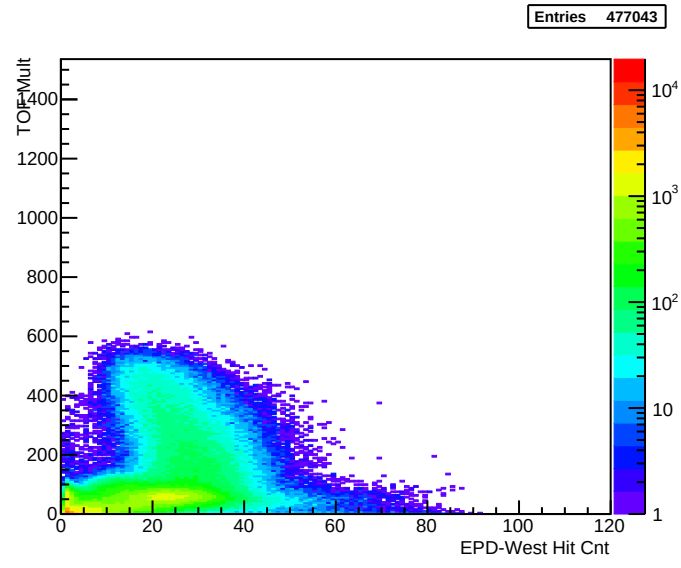

VT201 Input Ch4: VPD Adc Sum Th
Entries 954086
296581
364819
180462
112224
East
West

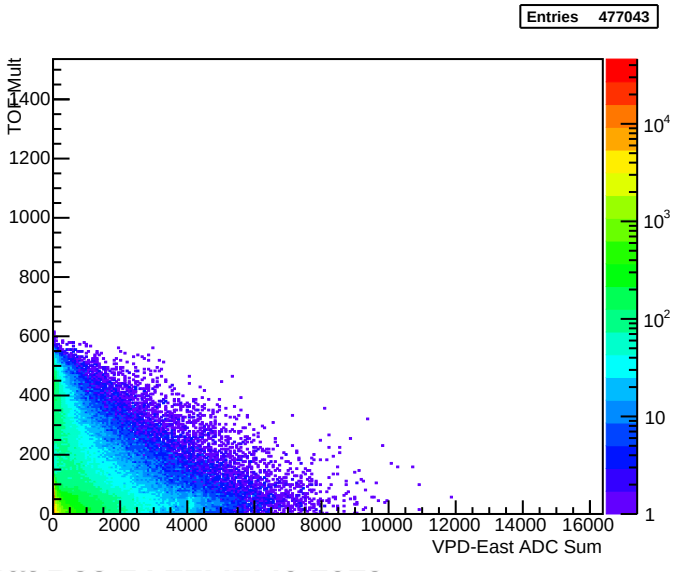

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

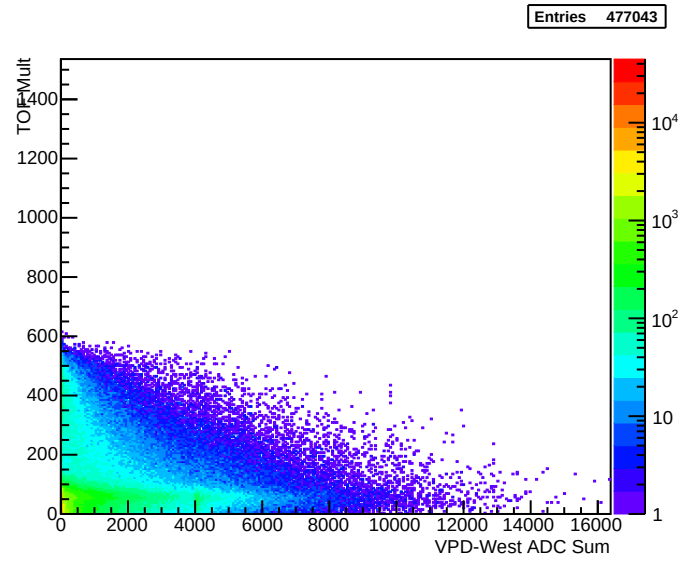

Entries 477043
TOF-Mult
BBC-S-East ADC Sum

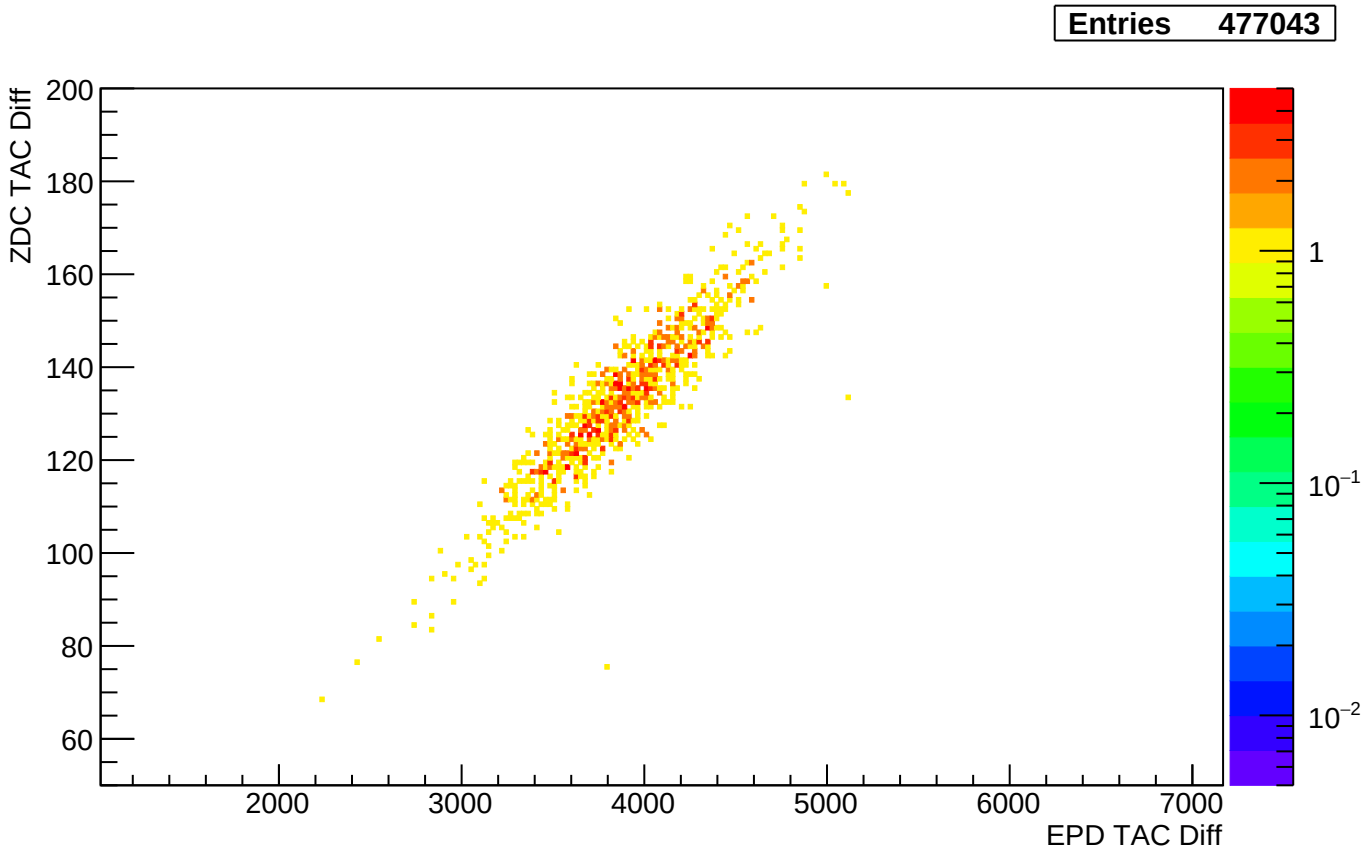

Entries 477043
TOF-Mult
BBC-S-West ADC Sum

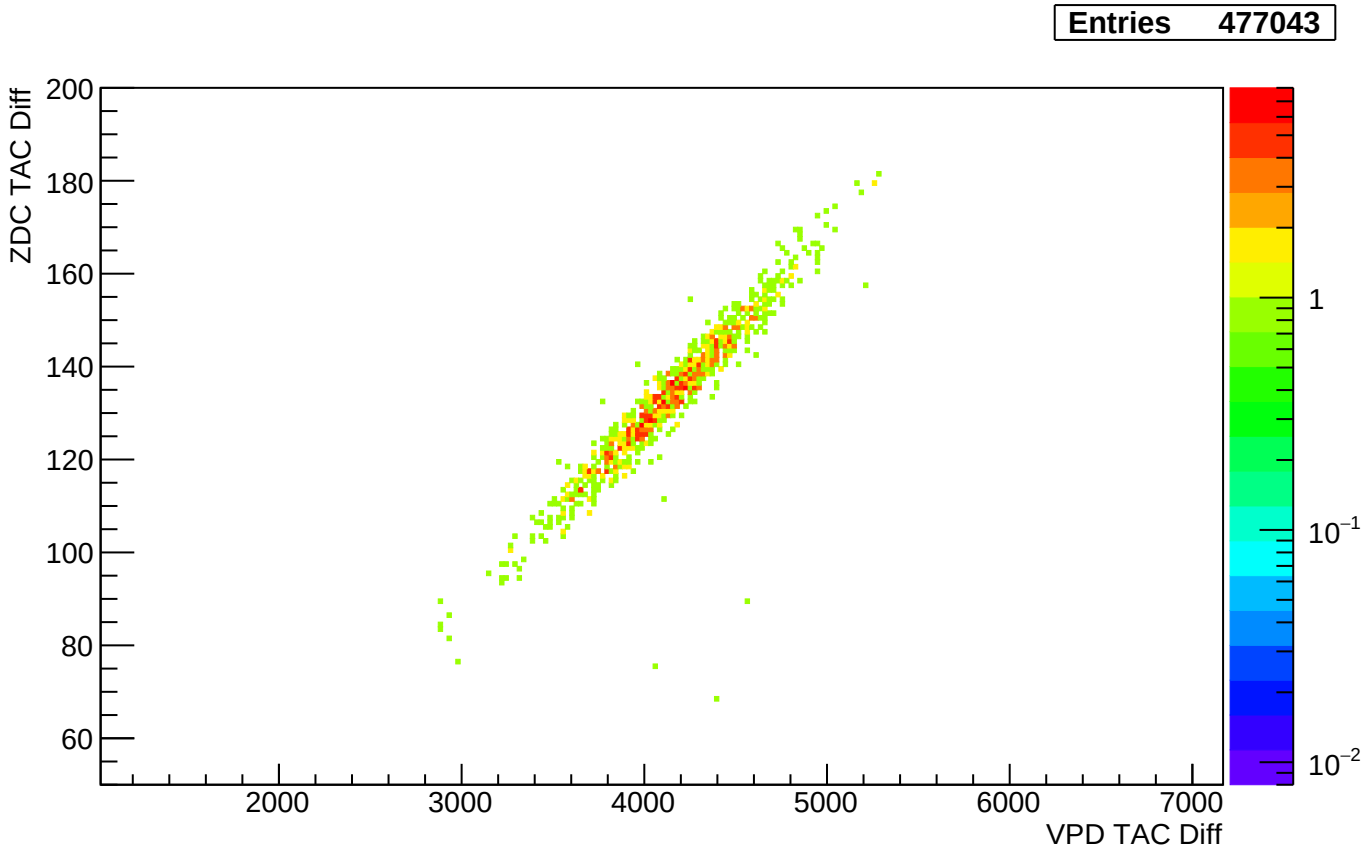

Entries 477043
TOF-Mult
EPD-East Hit Cnt

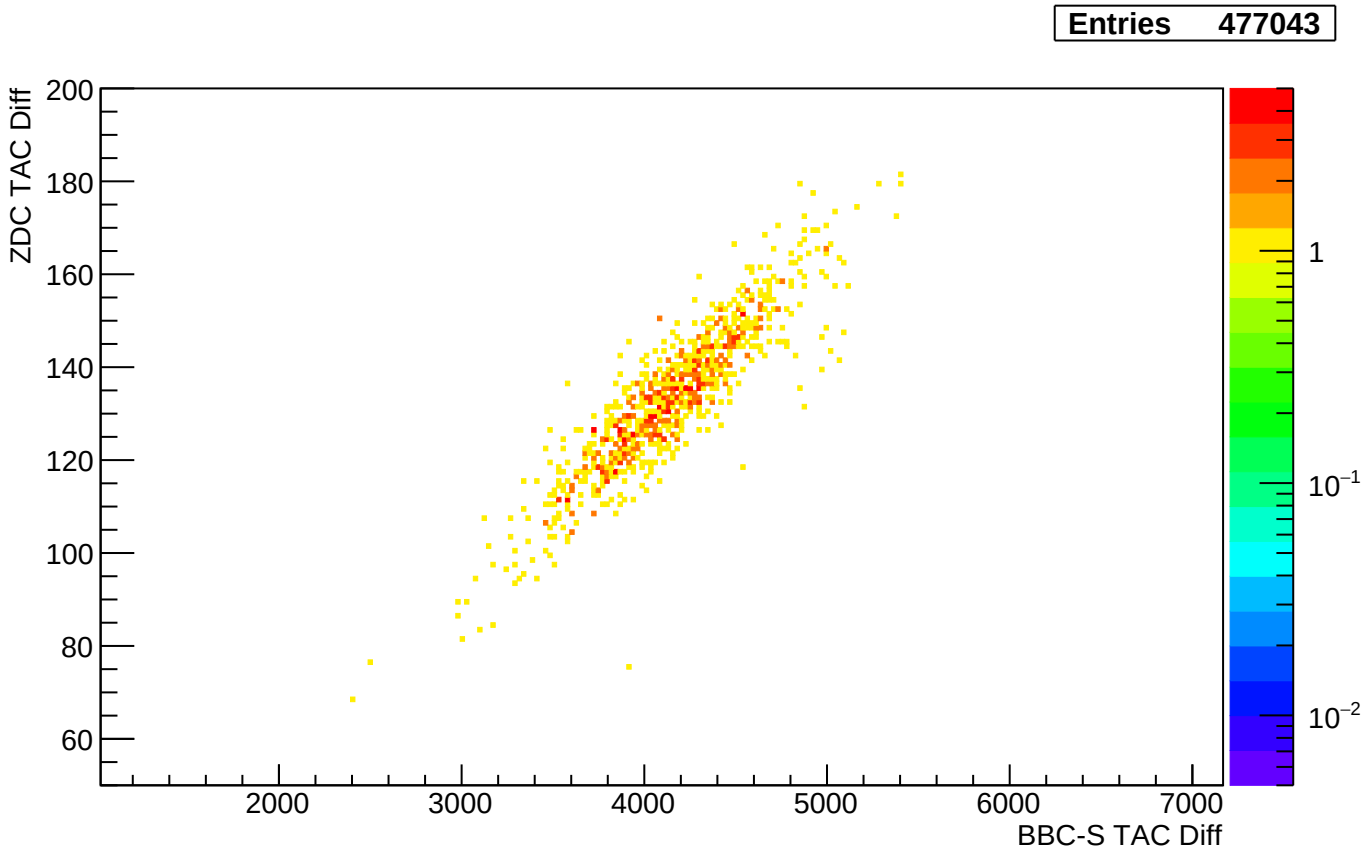

Entries 477043
TOF-Mult
EPD-West Hit Cnt

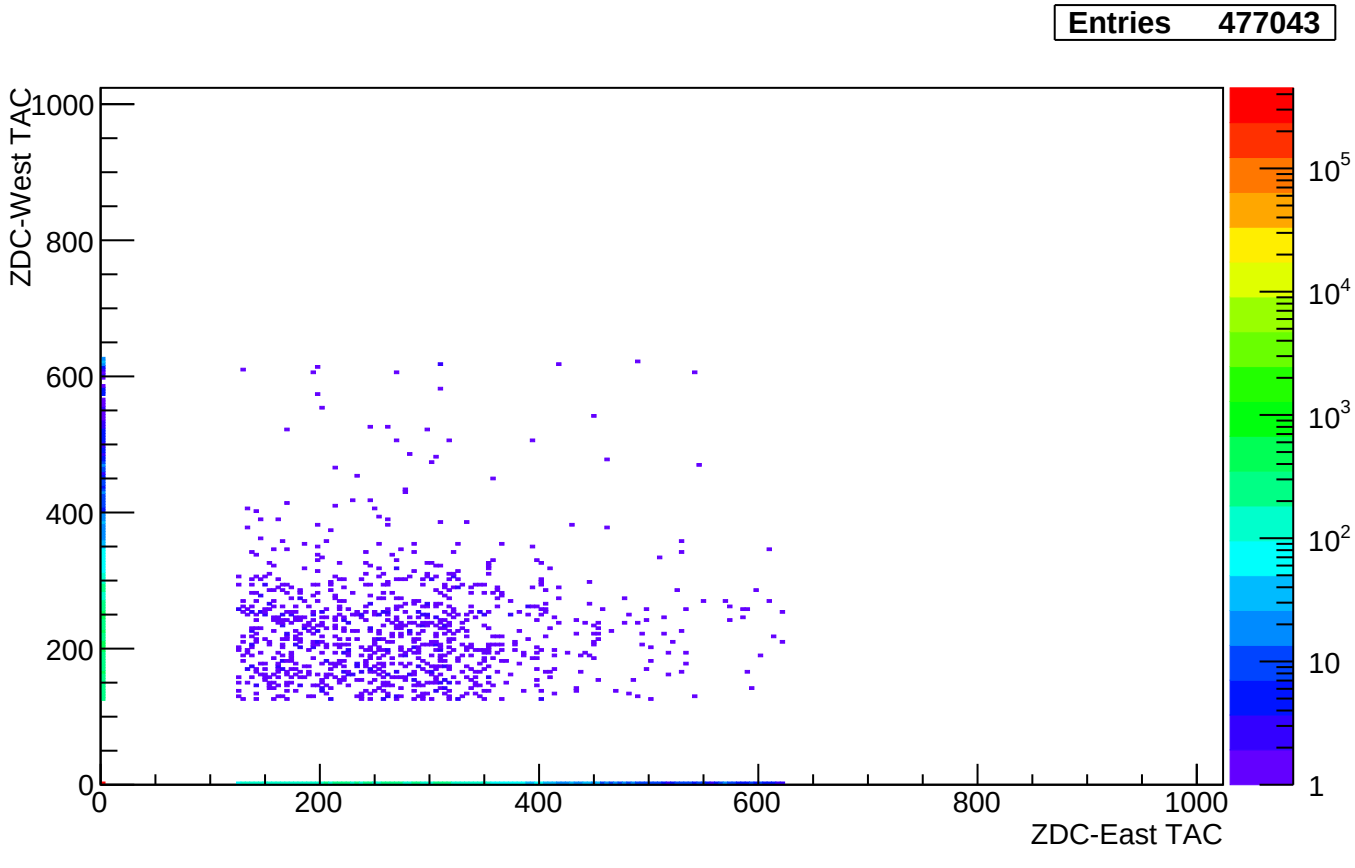

Entries 477043
TOF-Mult
VPD-East ADC Sum

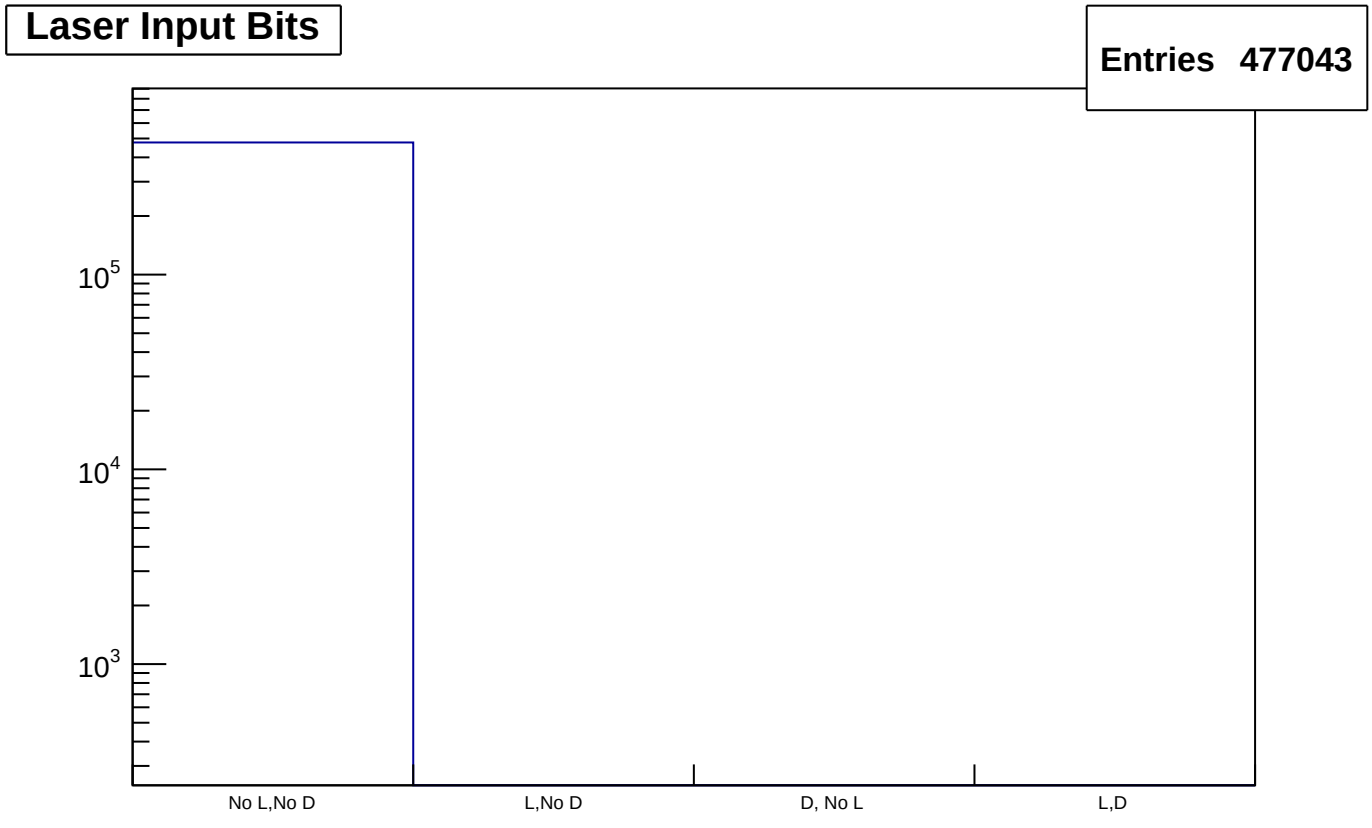

Entries 477043
TOF-Mult
VPD-West ADC Sum

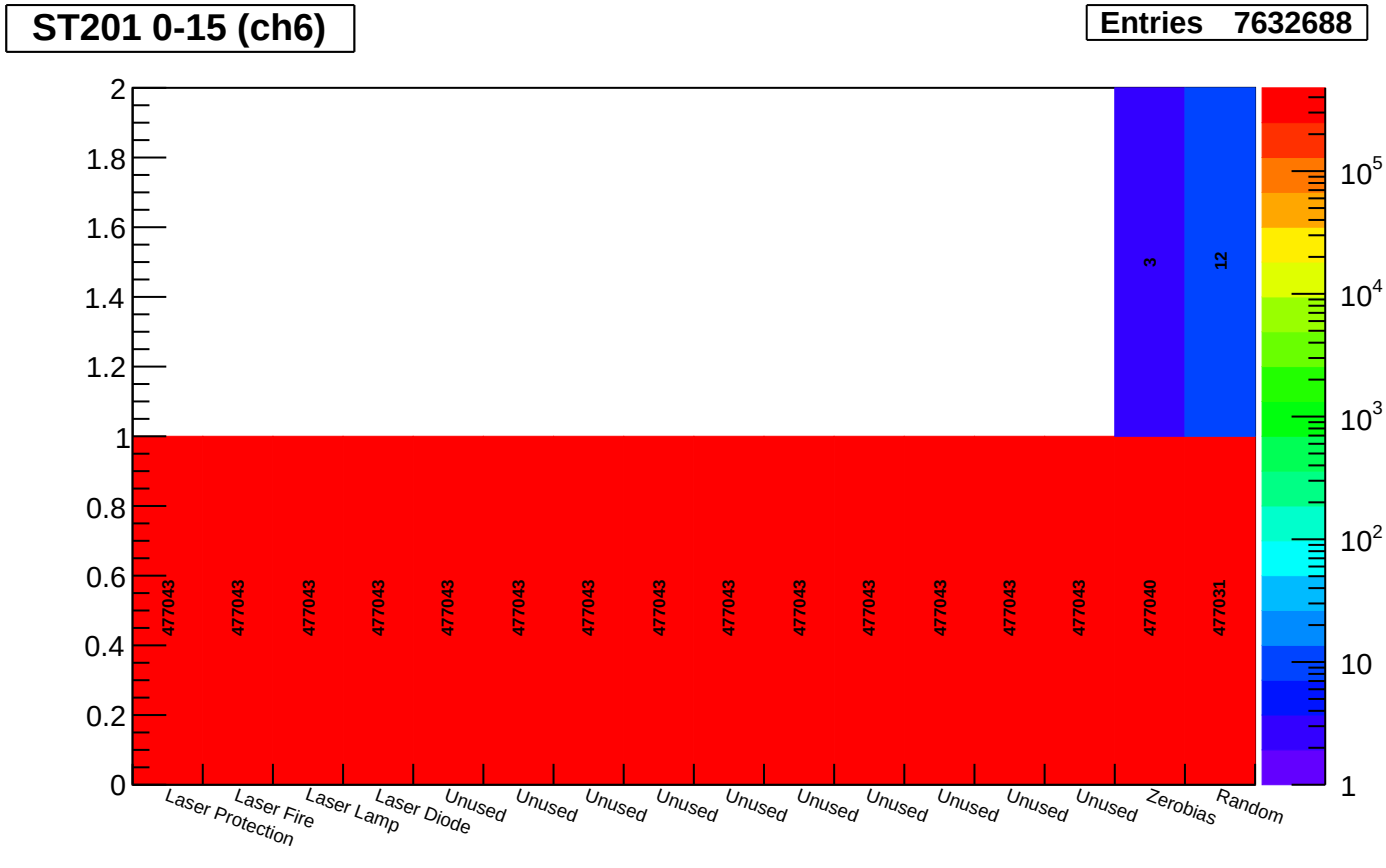

Entries 477043
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

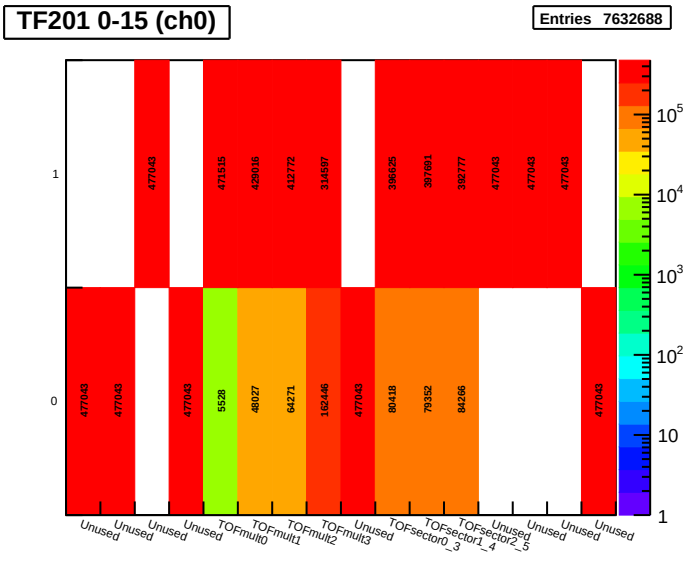

Entries 477043
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

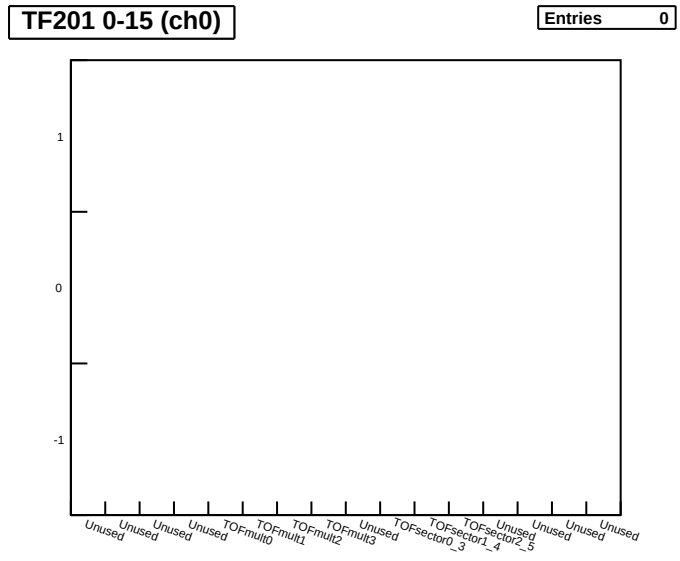

Entries 477043
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

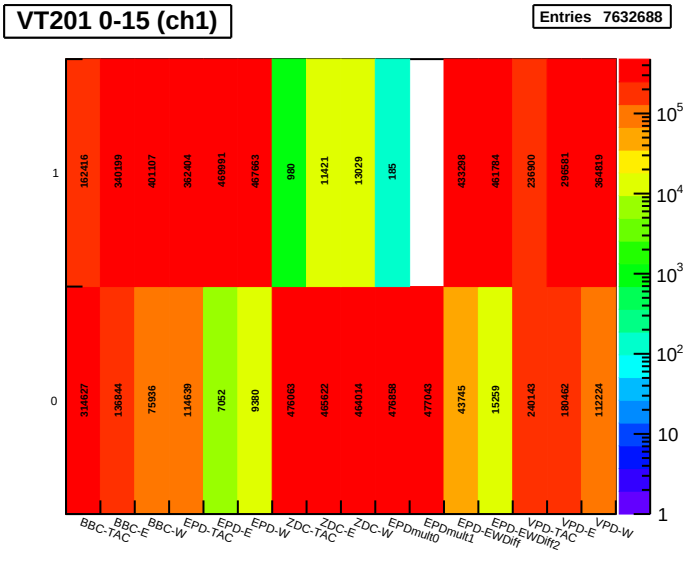

Entries 477043
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

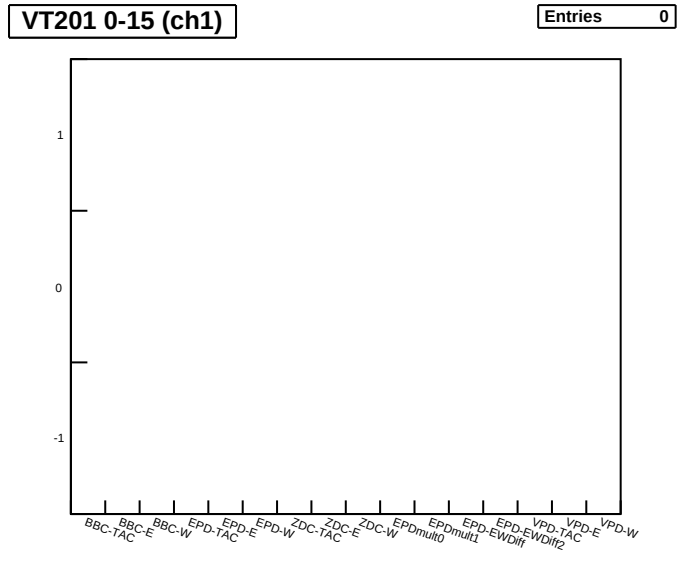

Laser Input Bits
Entries 477043
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

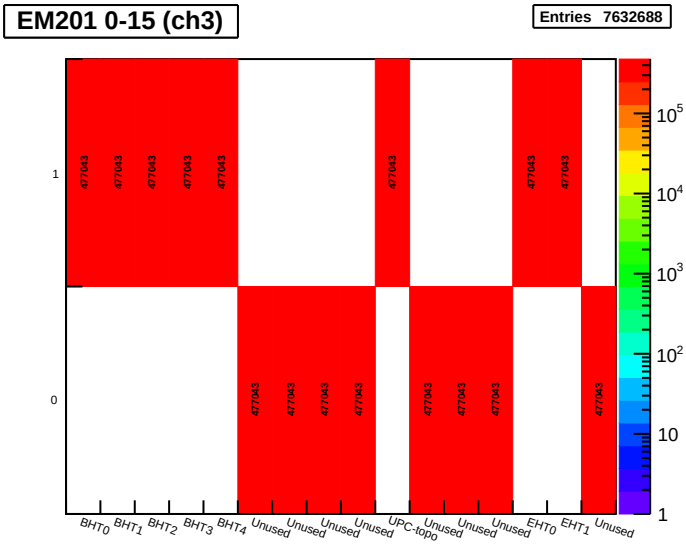

ST201 0-15 (ch6)
Entries 7632688
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477040
477031
3
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

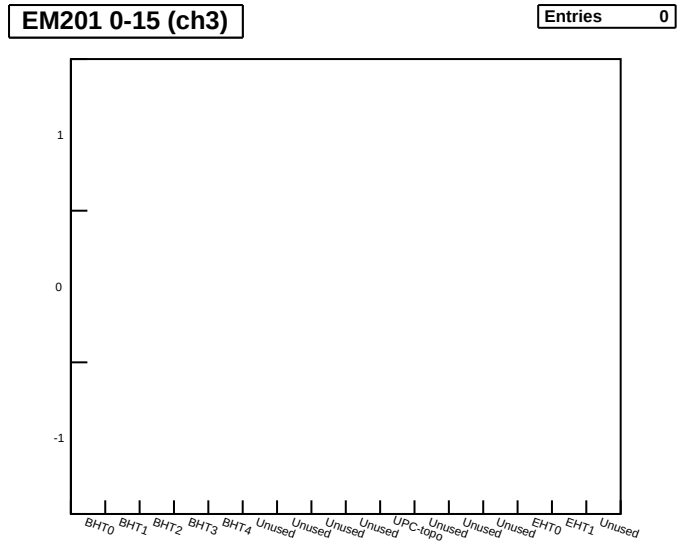

TF201 0-15 (ch0)
Entries 7632688
1
0
477043
471515
429016
412772
314597
356625
397691
392777
477043
477043
477043
477043
477043
5528
49027
64271
162446
477043
80418
79352
84266
477043
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7632688
1
0
162416
340199
401107
382404
409991
467663
980
11421
13029
185
433298
461784
236900
296581
364819
314627
138844
75936
114639
7062
9380
476063
469622
464014
476858
477043
43745
15259
240143
180462
112224
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 7632688
1
0
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
477043
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