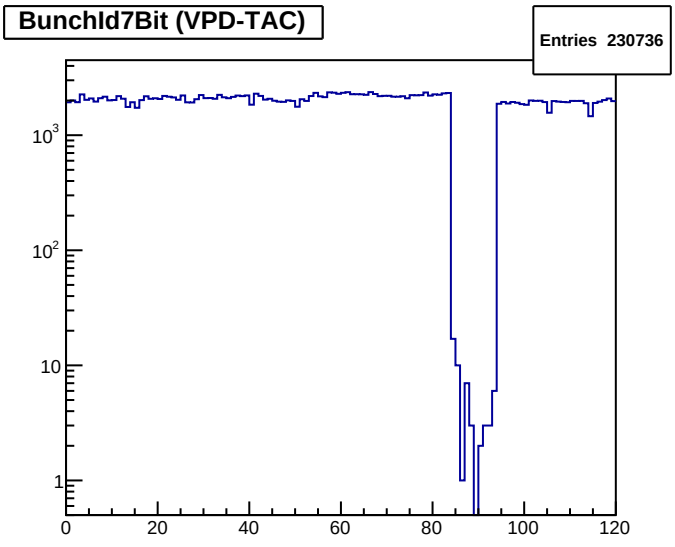
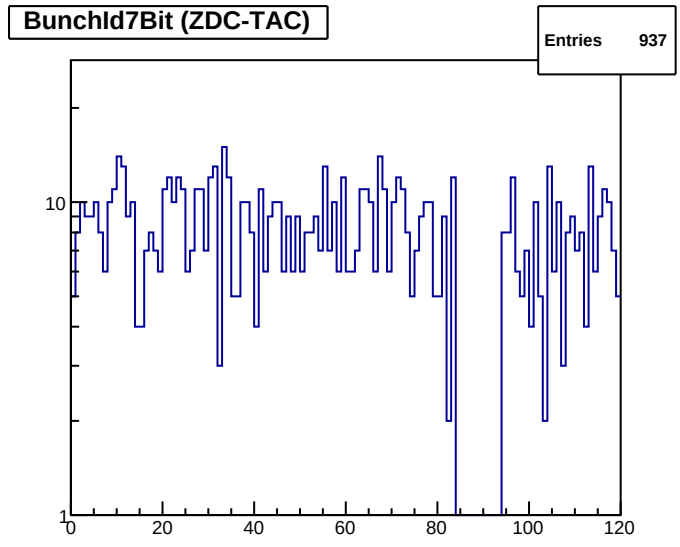
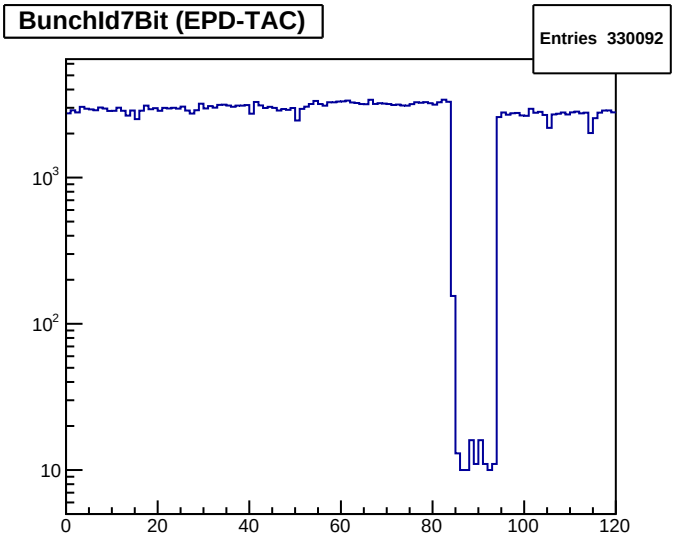
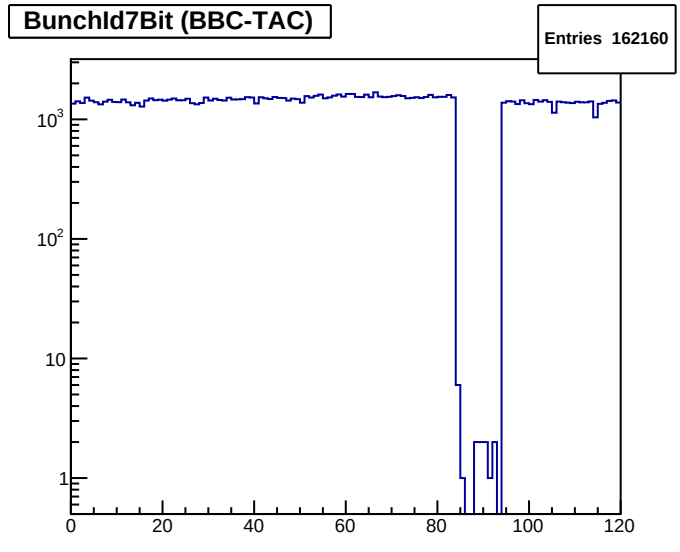
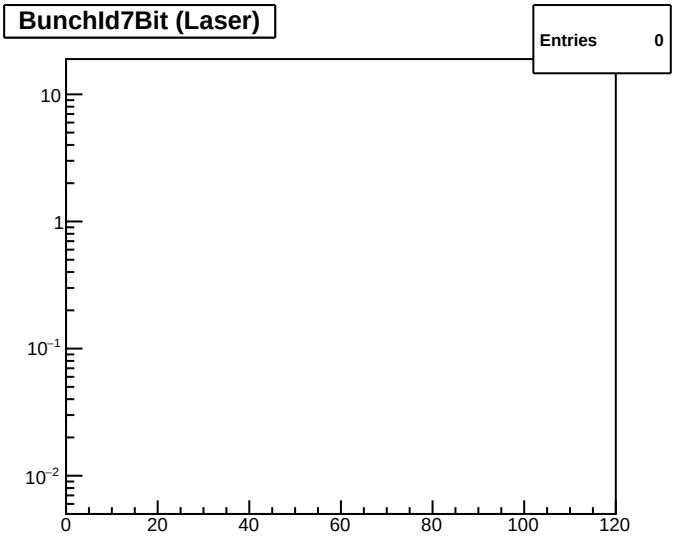
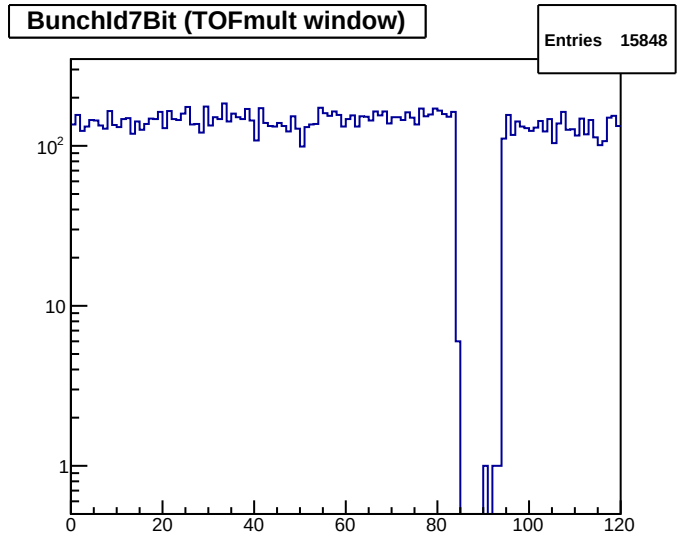

BunchId7Bit (VPD-TAC)
Entries 230736

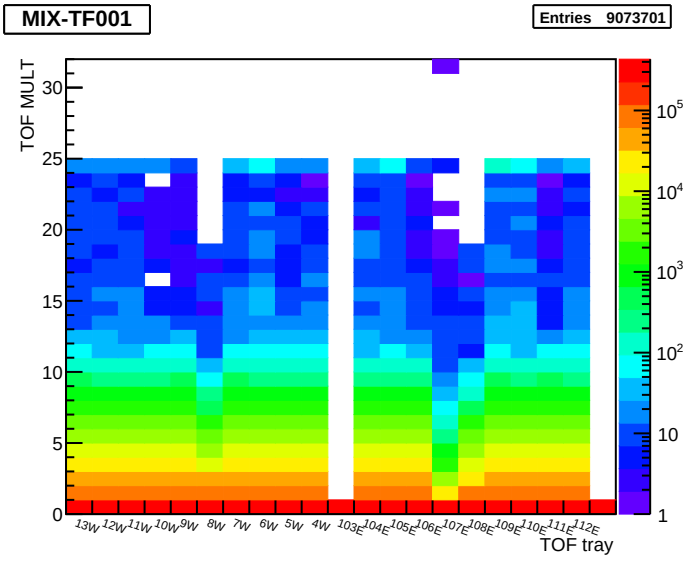

BunchId7Bit (ZDC-TAC)
Entries 937

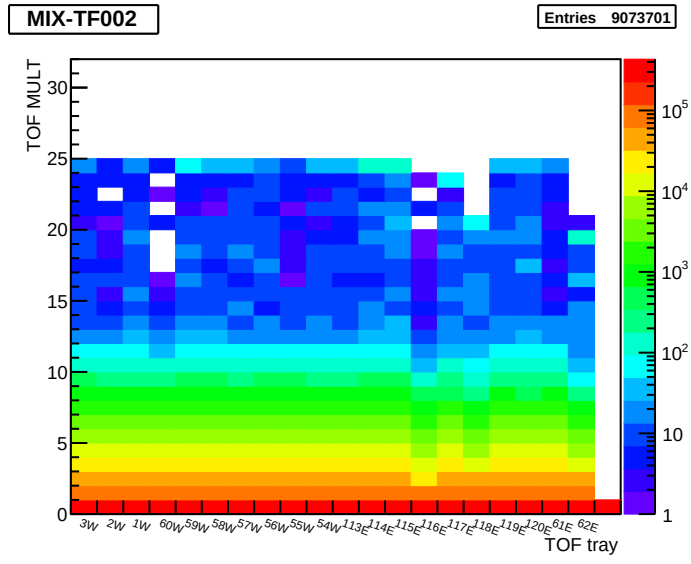

BunchId7Bit (EPD-TAC)
Entries 330092

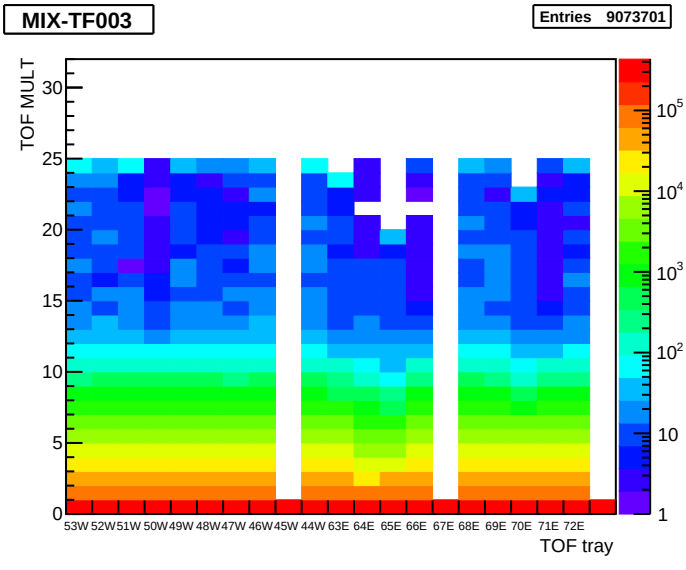

BunchId7Bit (BBC-TAC)
Entries 162160

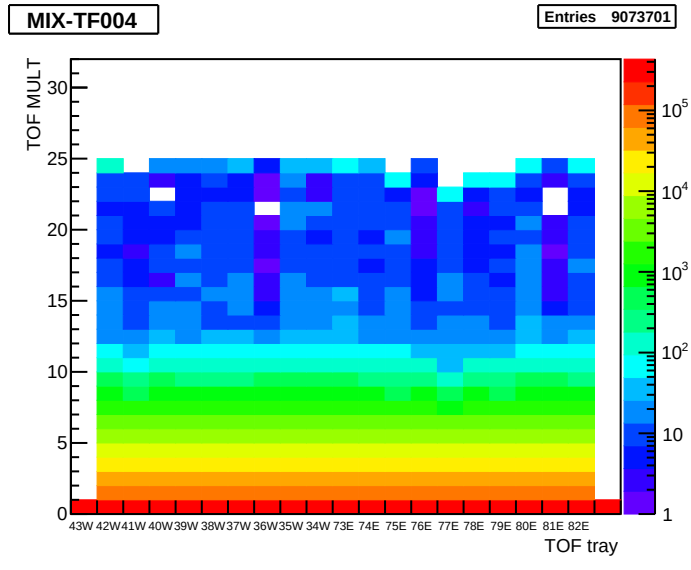

BunchId7Bit (Laser)
Entries 0

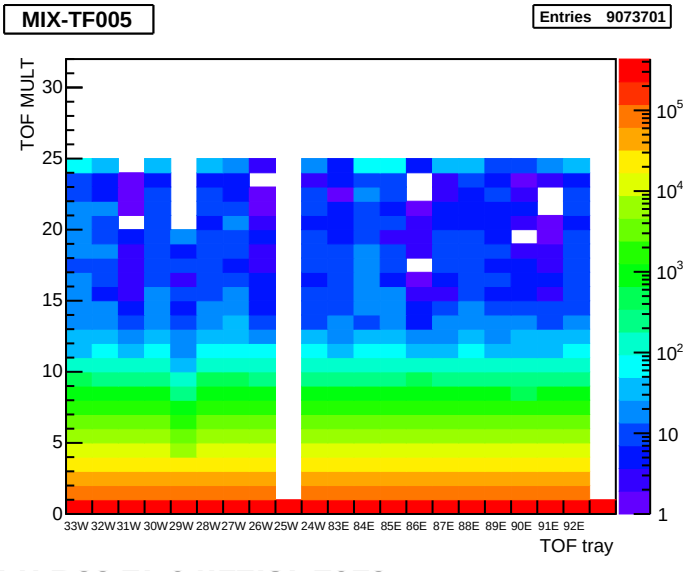

BunchId7Bit (TOFmult window)
Entries 15848

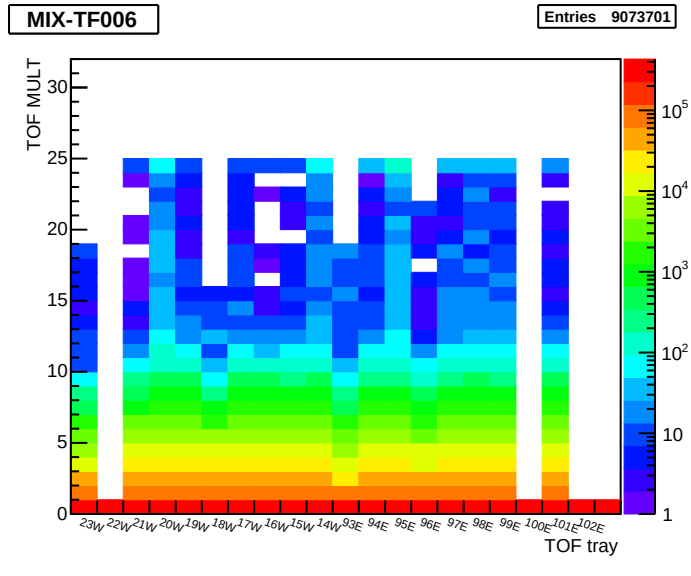

MIX-TF001
Entries 9073701
TOF MULT
TOF tray

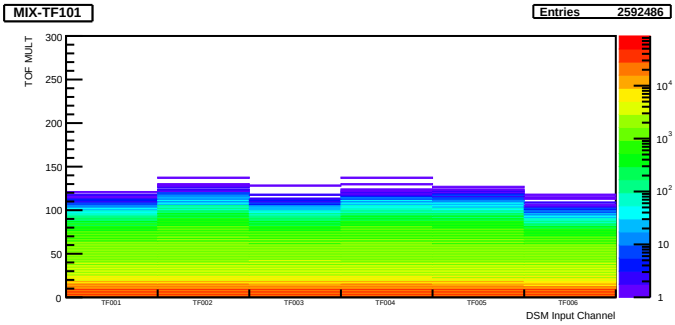

MIX-TF002
Entries 9073701
TOF MULT
TOF tray

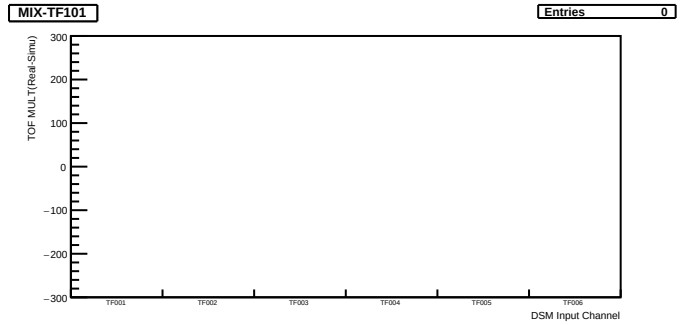

MIX-TF003
Entries 9073701
TOF MULT
TOF tray

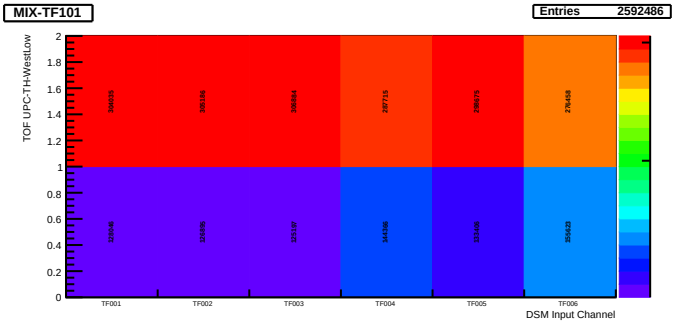

MIX-TF004
Entries 9073701
TOF MULT
TOF tray

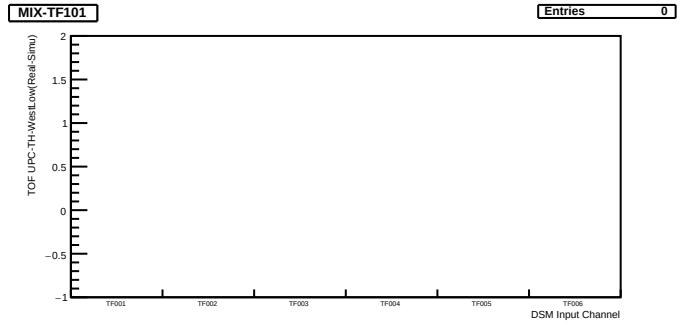

MIX-TF005
Entries 9073701
TOF MULT
TOF tray

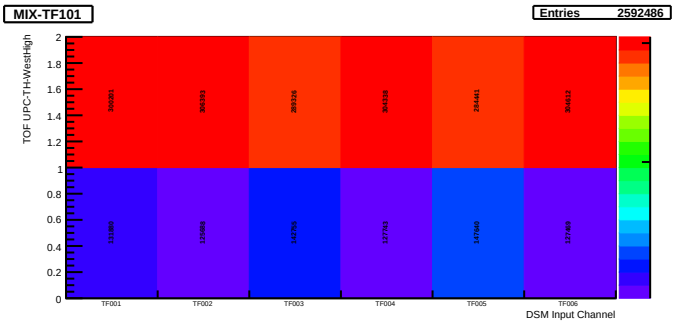

MIX-TF006
Entries 9073701
TOF MULT
TOF tray

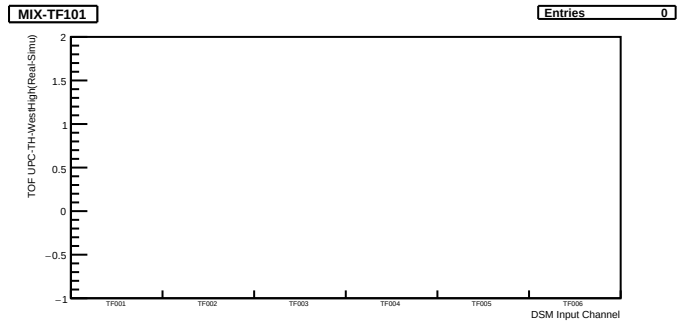

MIX-TF101
Entries 2592486
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

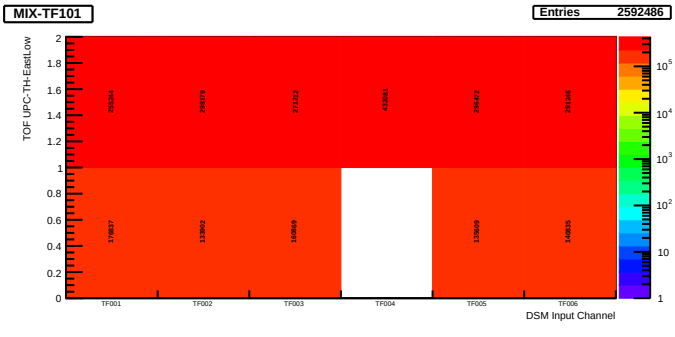

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

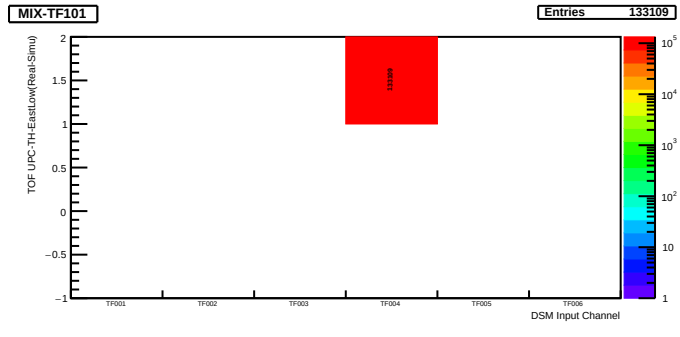

MIX-TF101
Entries 2592486
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

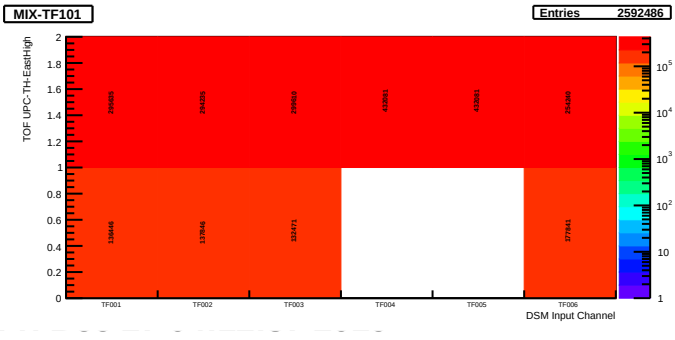

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

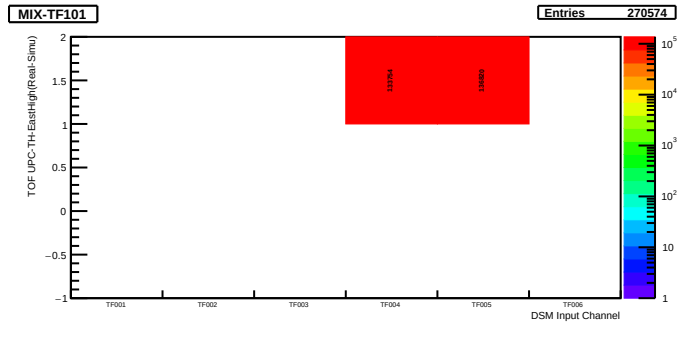

MIX-TF101
Entries 2592486
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

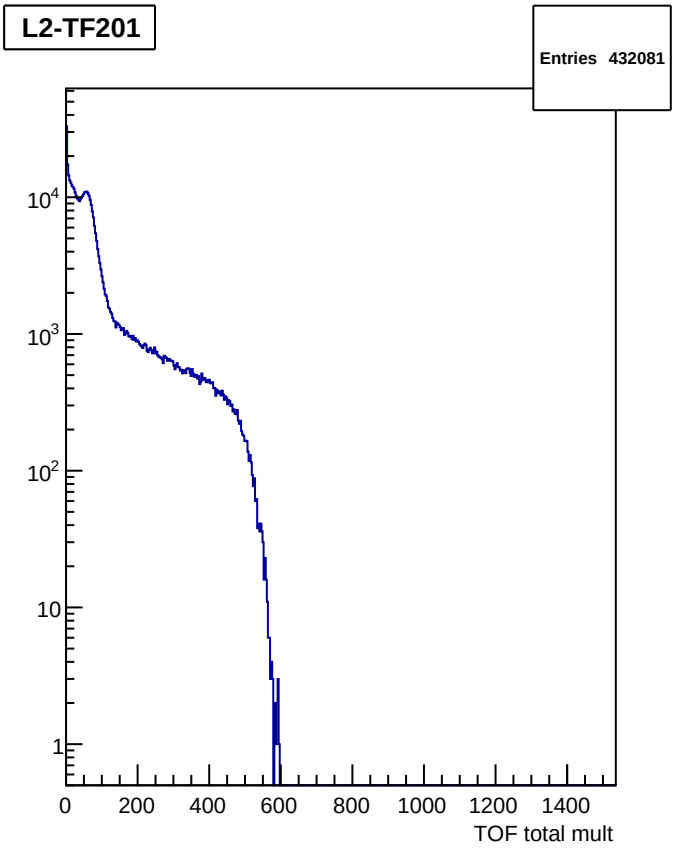

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

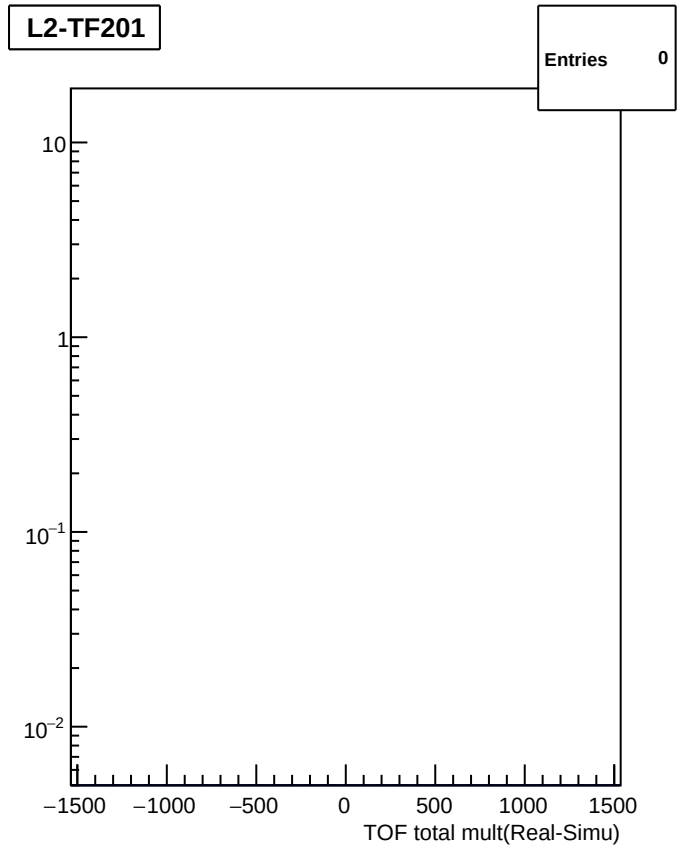

MIX-TF101
Entries 2592486
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

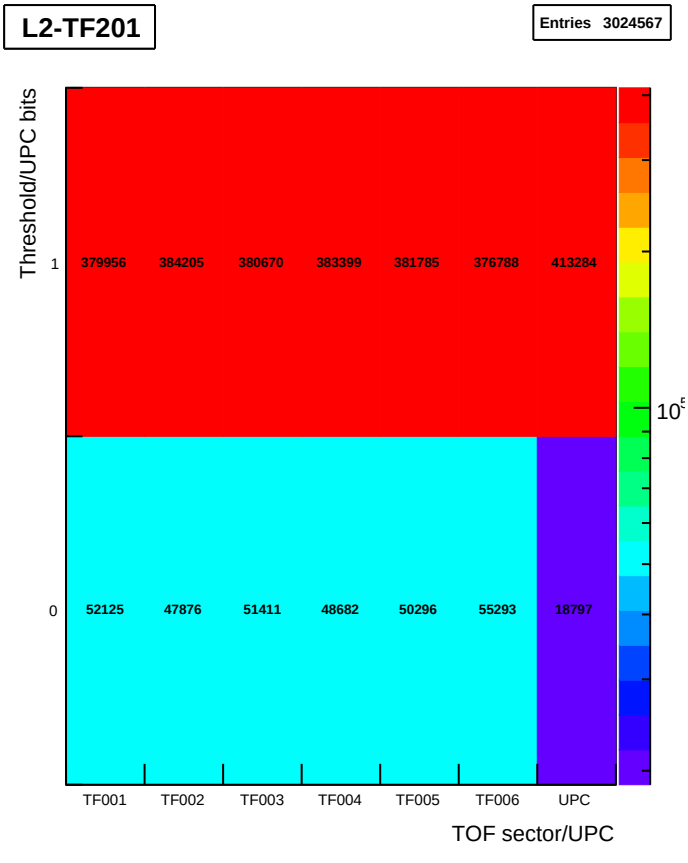

MIX-TF101
Entries 133109
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

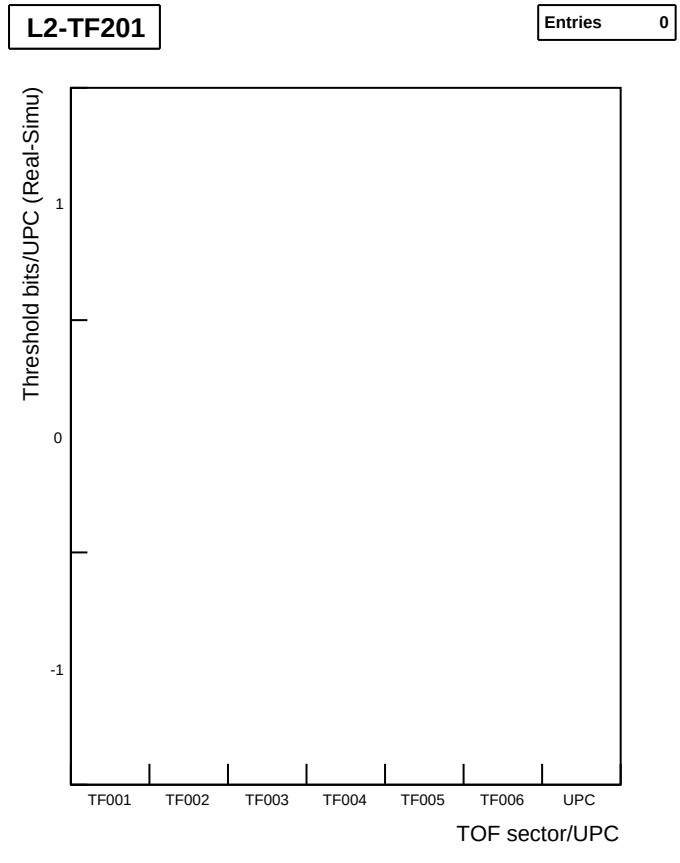

MIX-TF101
Entries 2592486
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

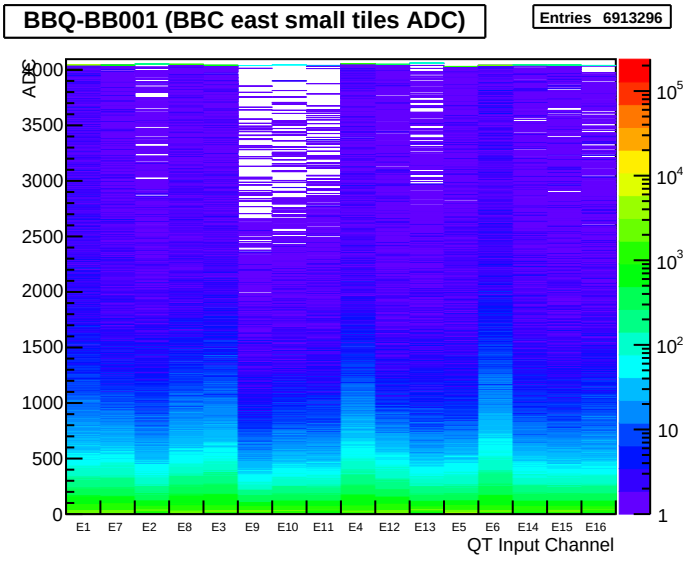

MIX-TF101
Entries 270574
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

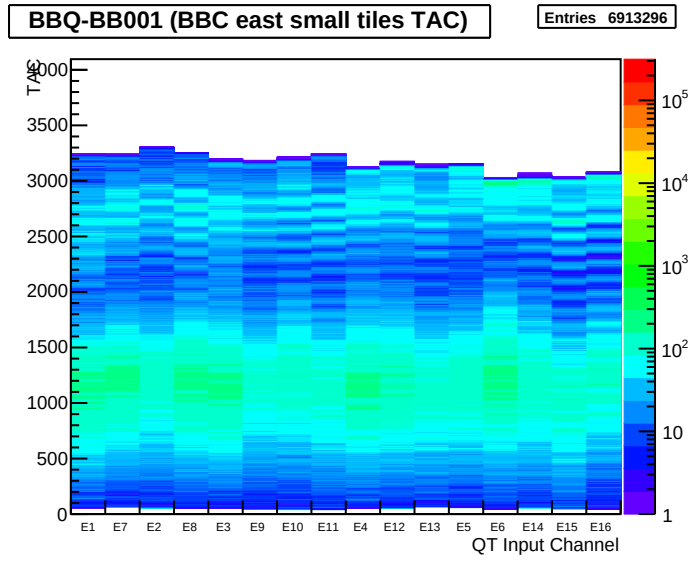

L2-TF201
Entries 432081
TOF total mult

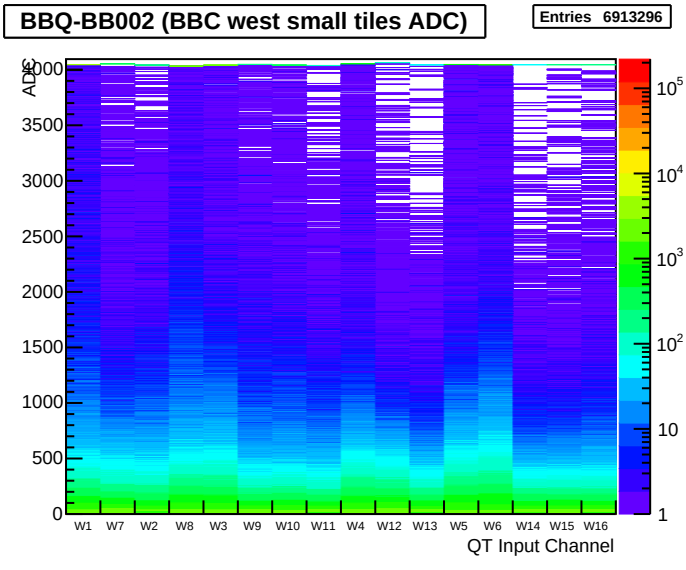

L2-TF201
Entries 0
TOF total mult(Real-Simu)

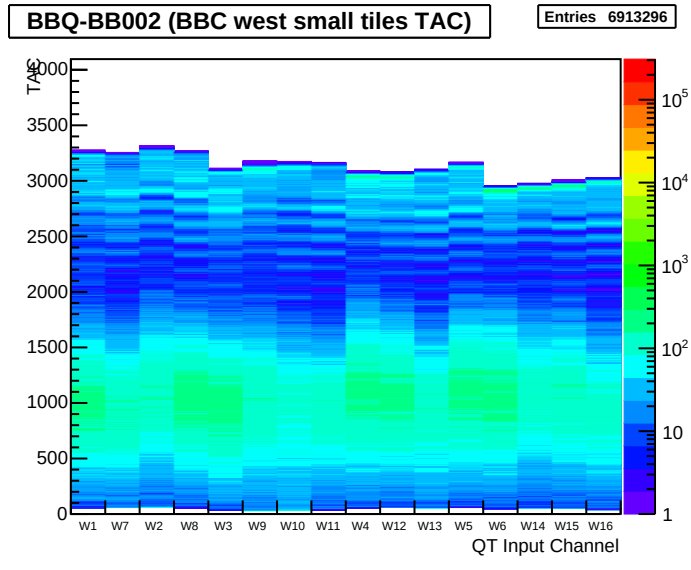

L2-TF201
Entries 3024567
Threshold/UPC bits
379956 384205 380670 383399 381785 376788 413284
52125 47876 51411 48682 50296 55293 18797
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

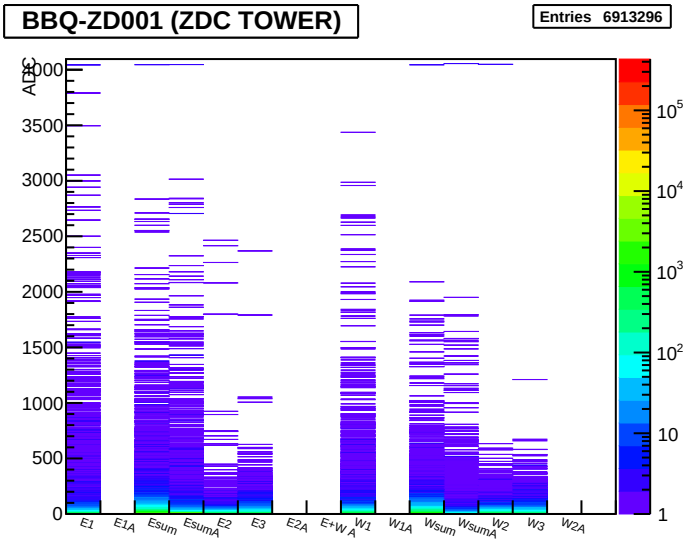

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

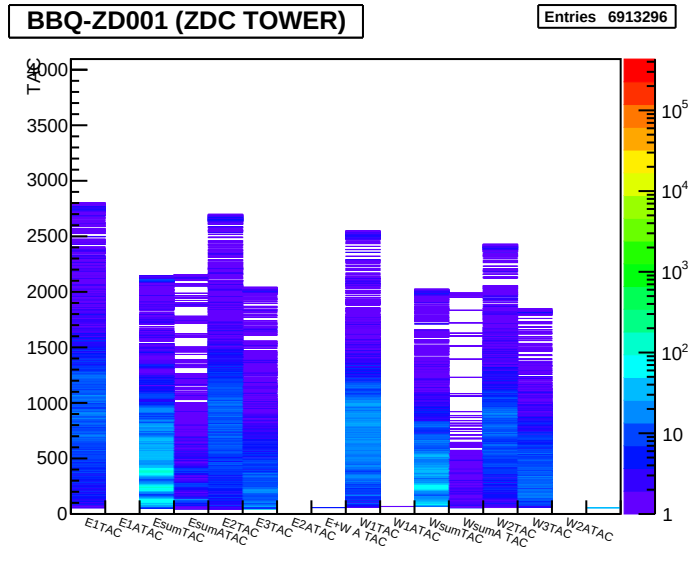

BBQ-BB001 (BBC east small tiles ADC)
Entries 6913296
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

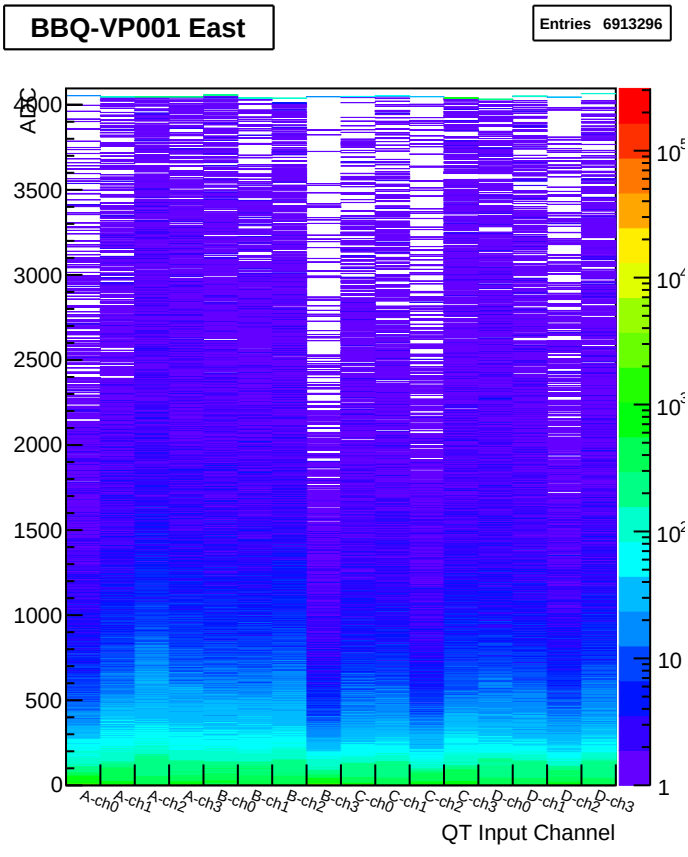

BBQ-BB001 (BBC east small tiles TAC)
Entries 6913296
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

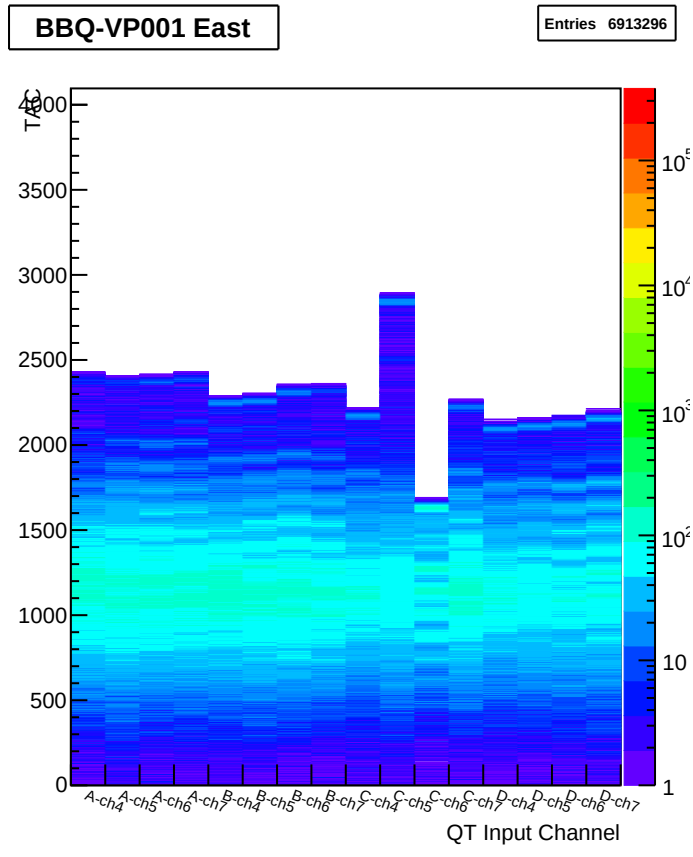

BBQ-BB002 (BBC west small tiles ADC)
Entries 6913296
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

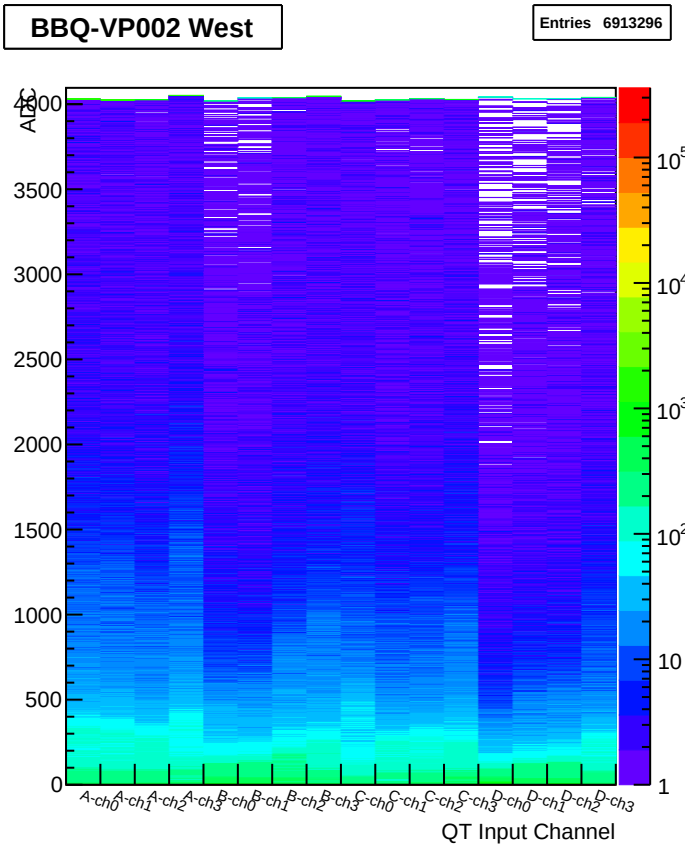

BBQ-BB002 (BBC west small tiles TAC)
Entries 6913296
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

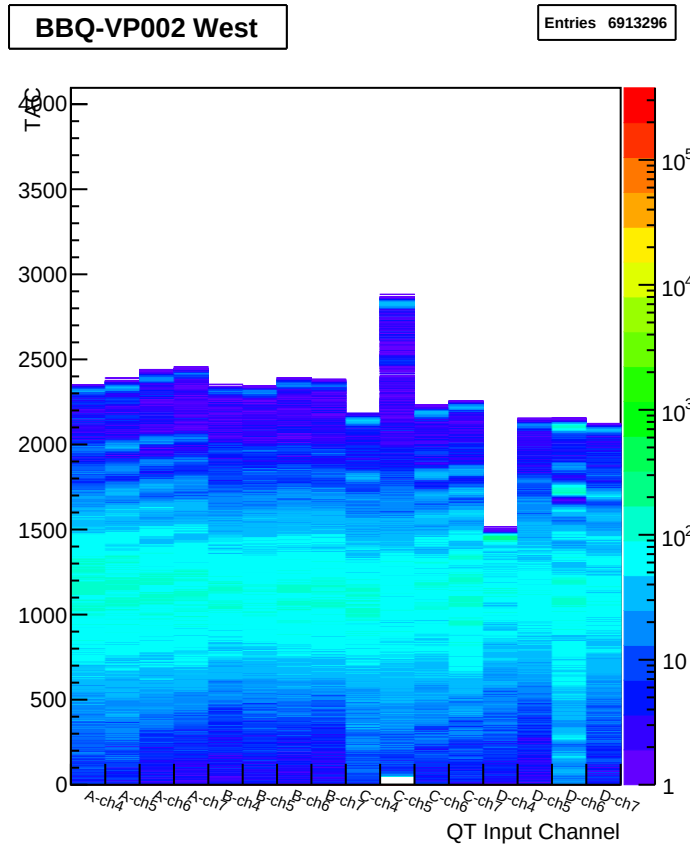

BBQ-ZD001 (ZDC TOWER)
Entries 6913296
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

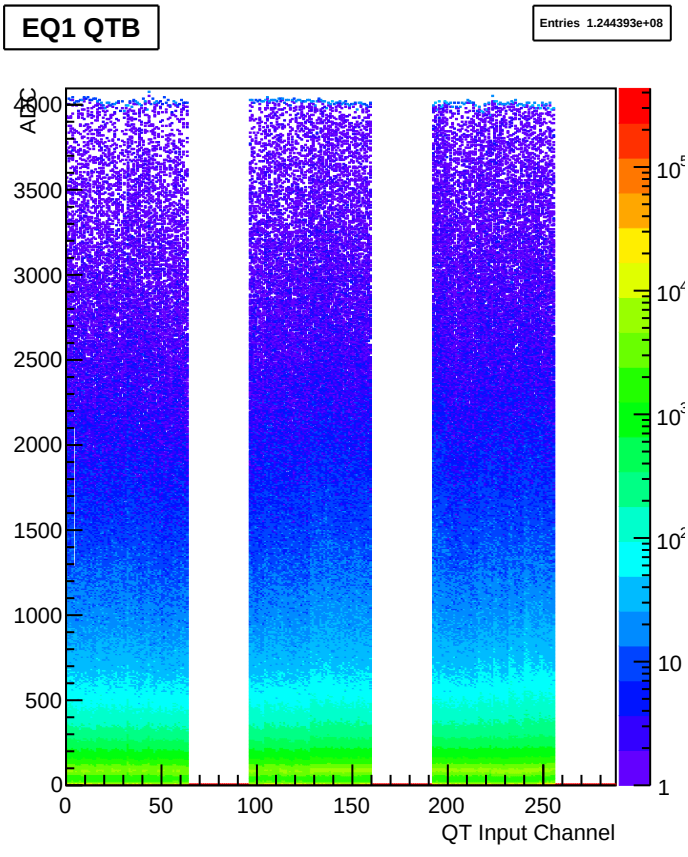

BBQ-ZD001 (ZDC TOWER)
Entries 6913296
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

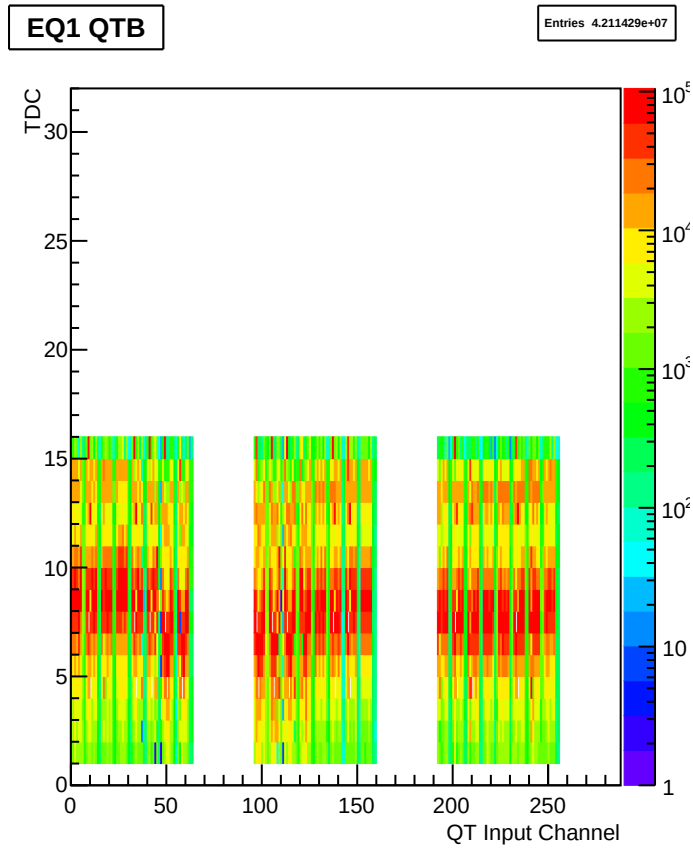

BBQ-VP001 East
Entries 6913296
ADC
QT Input Channel

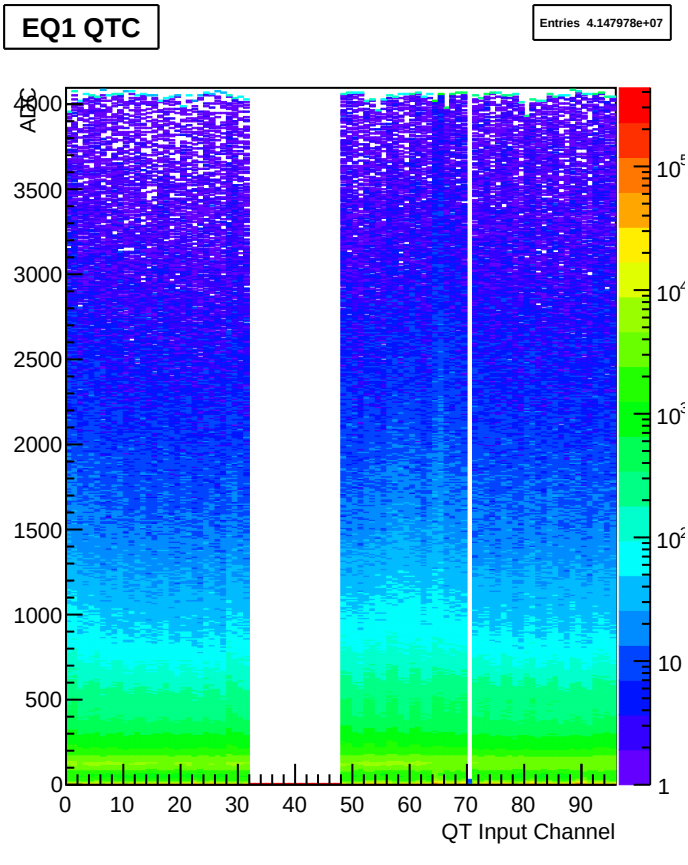

BBQ-VP001 East
Entries 6913296
TADC
QT Input Channel

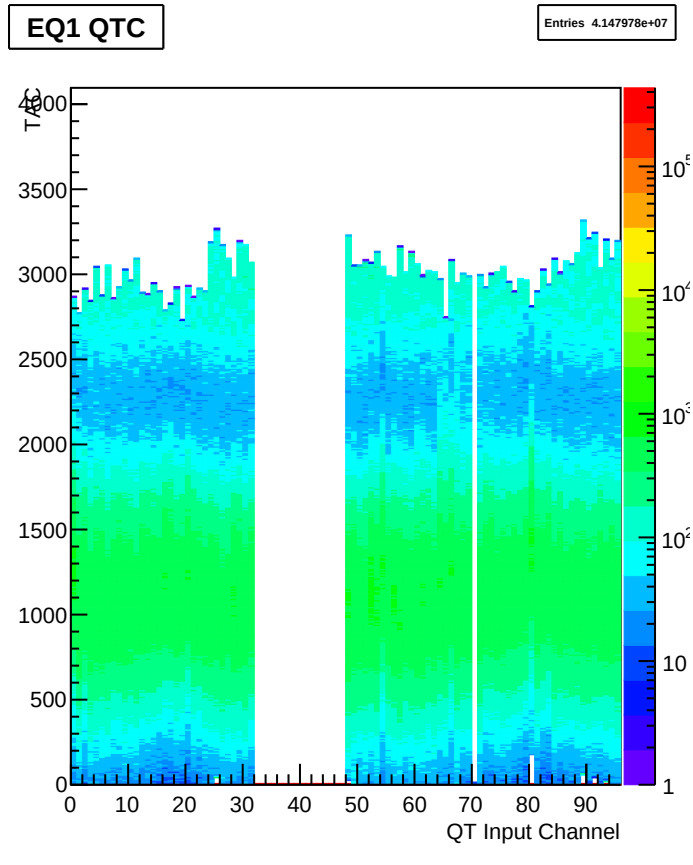

BBQ-VP002 West
Entries 6913296
ADC
QT Input Channel

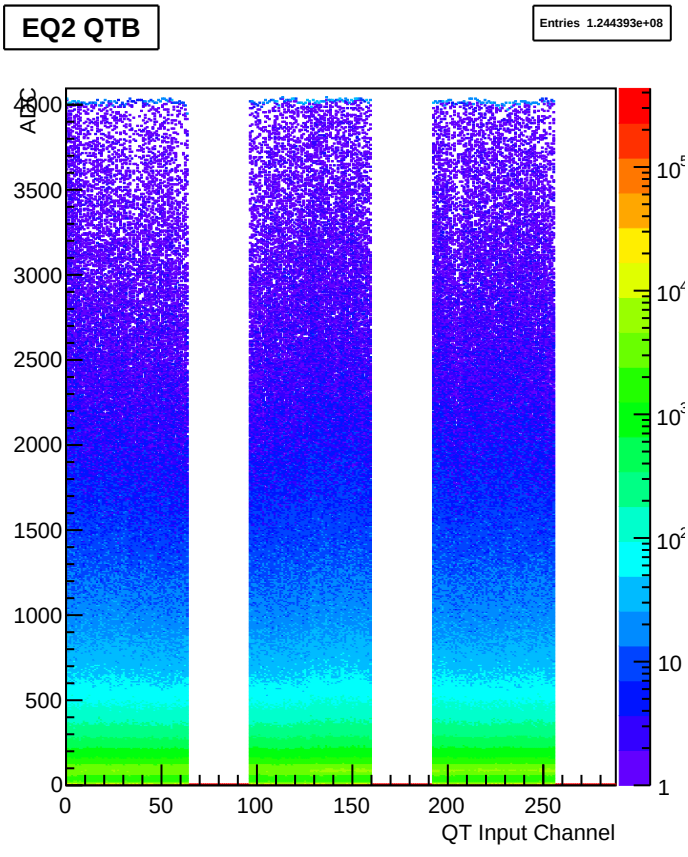

BBQ-VP002 West
Entries 6913296
TADC
QT Input Channel

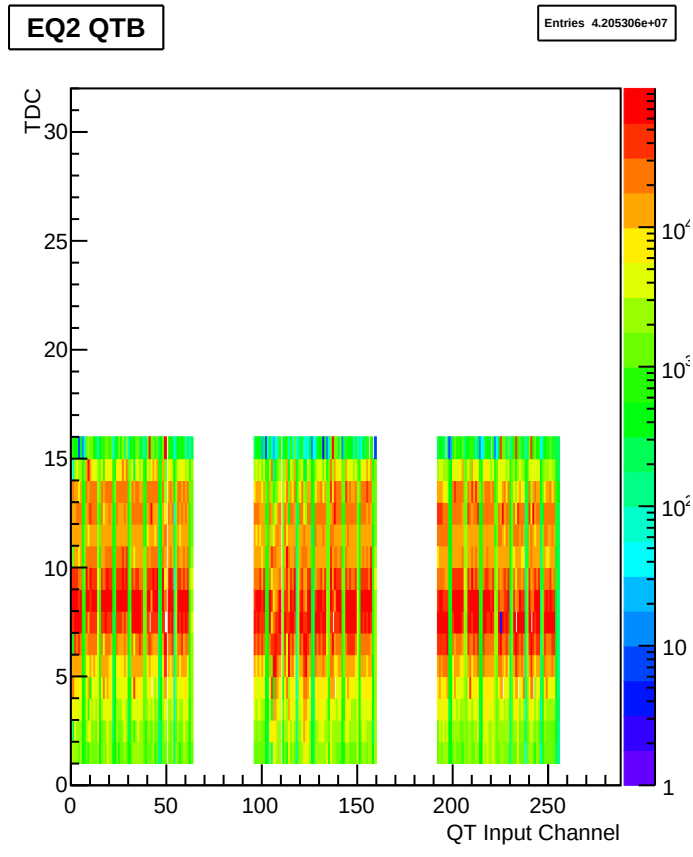

EQ1 QTB
Entries 1.244393e+08
ADC
QT Input Channel

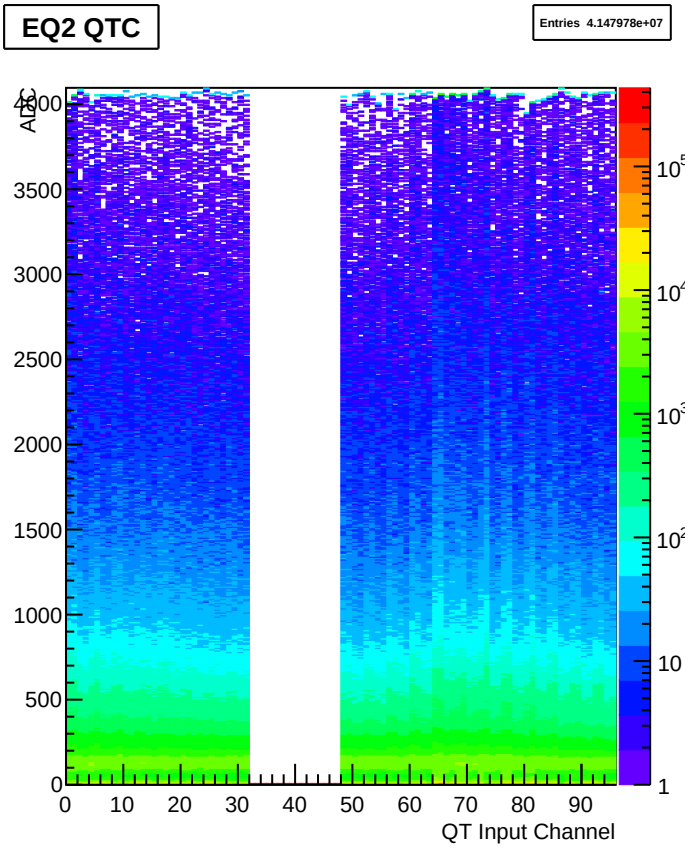

EQ1 QTB
Entries 4.211429e+07
TDC
QT Input Channel

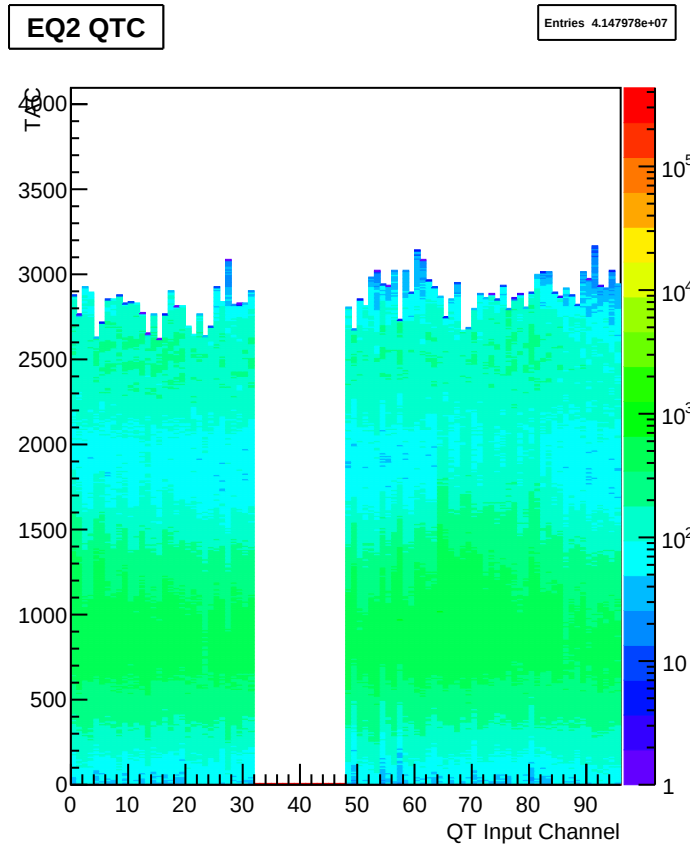

EQ1 QTC
Entries 4.147978e+07
ADC
QT Input Channel

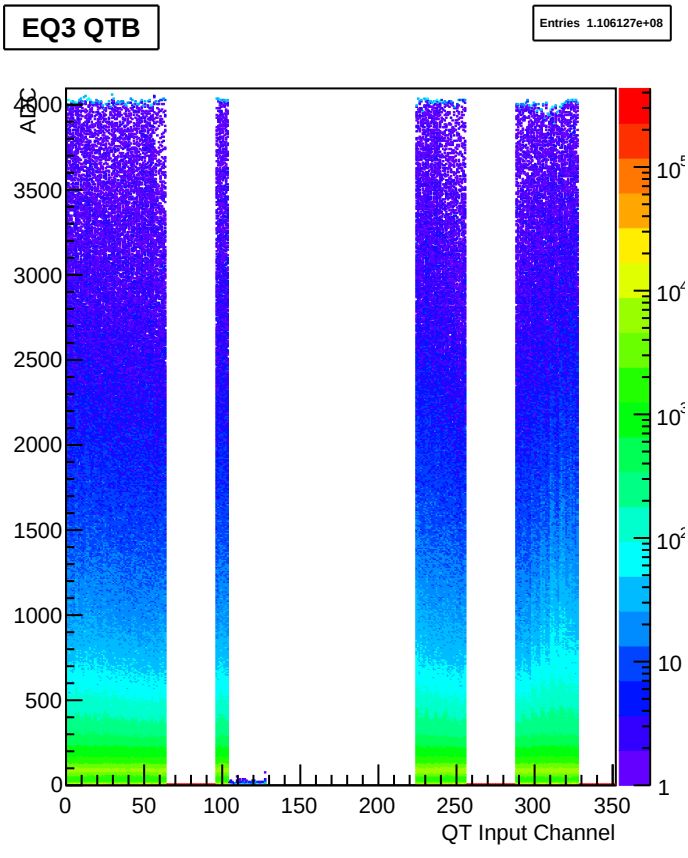

EQ1 QTC
Entries 4.147978e+07
TADC
QT Input Channel

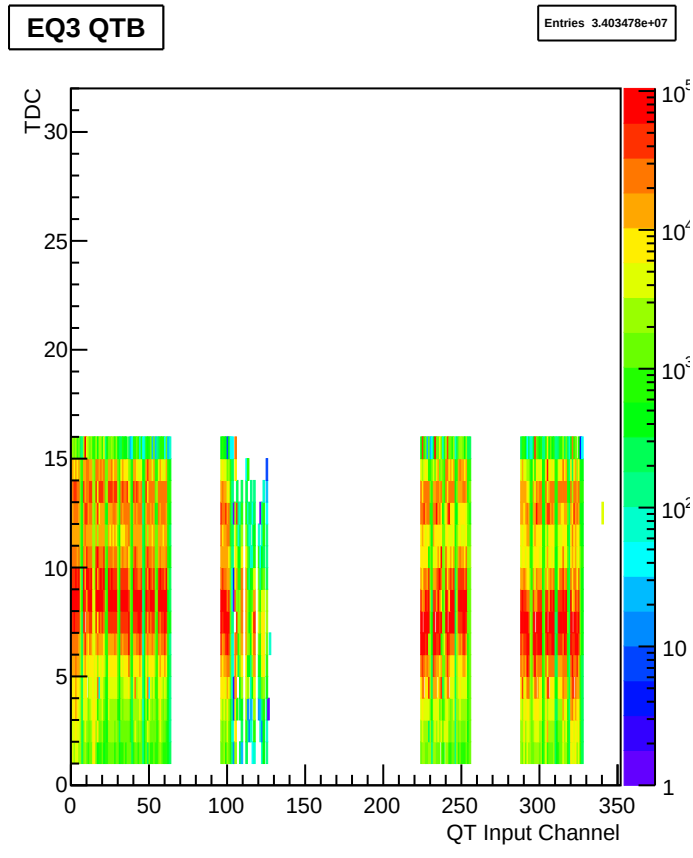

EQ2 QTB
Entries 1.244393e+08
ADC
QT Input Channel

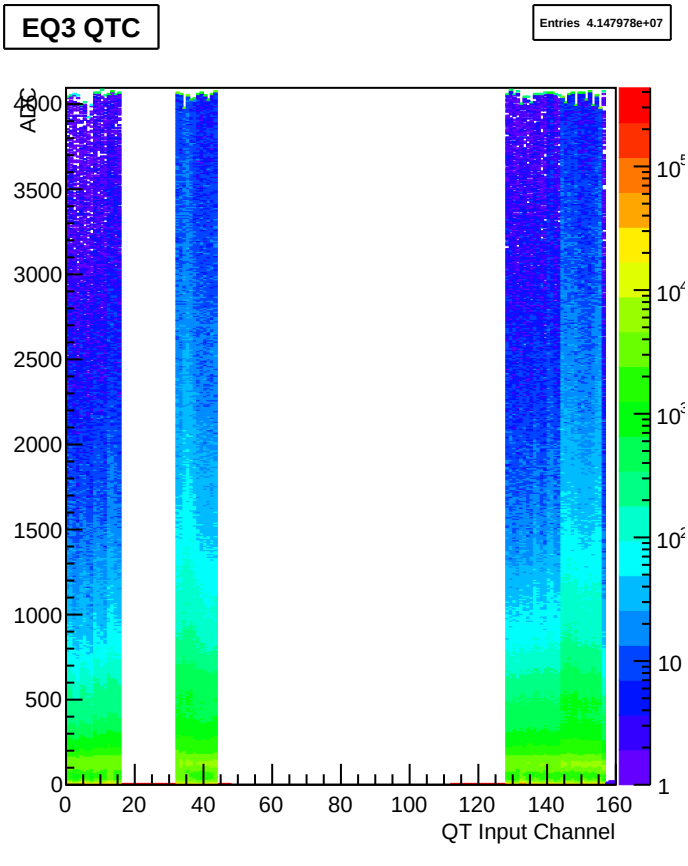

EQ2 QTB
Entries 4.205306e+07
TDC
QT Input Channel

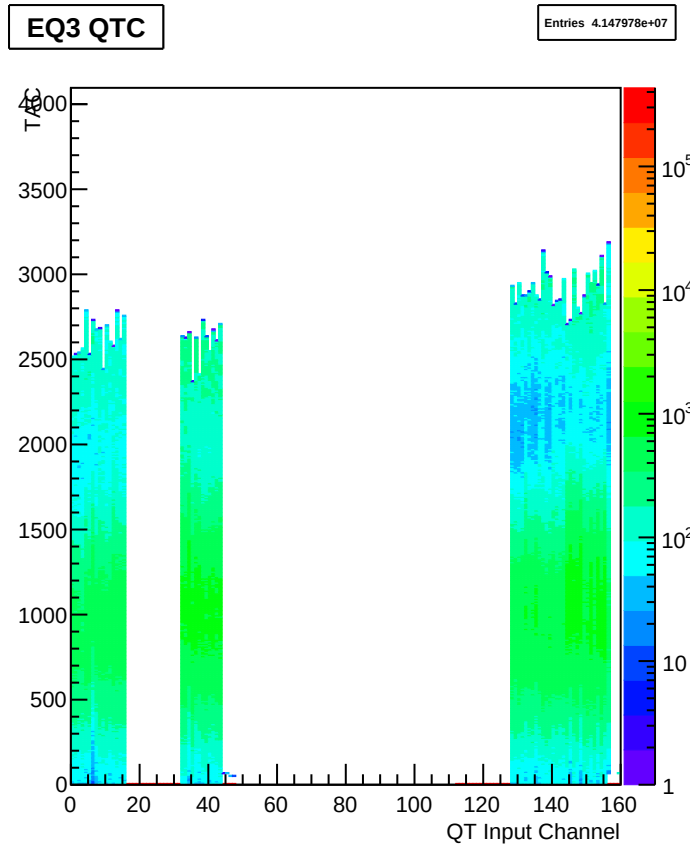

EQ2 QTC
Entries 4.147978e+07
ADC
QT Input Channel

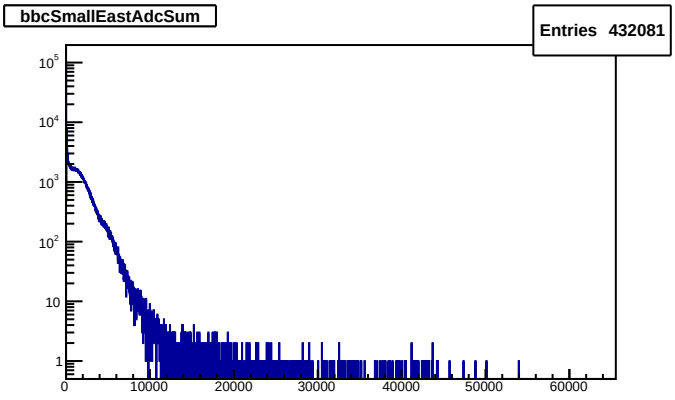

EQ2 QTC
Entries 4.147978e+07
TADC
QT Input Channel

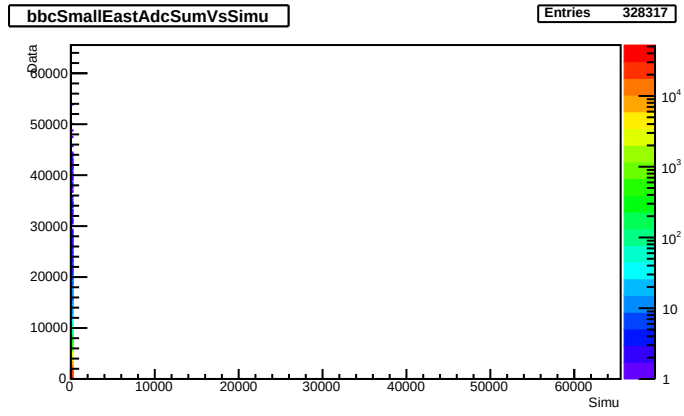

EQ3 QTB
Entries 1.106127e+08
ADC
QT Input Channel

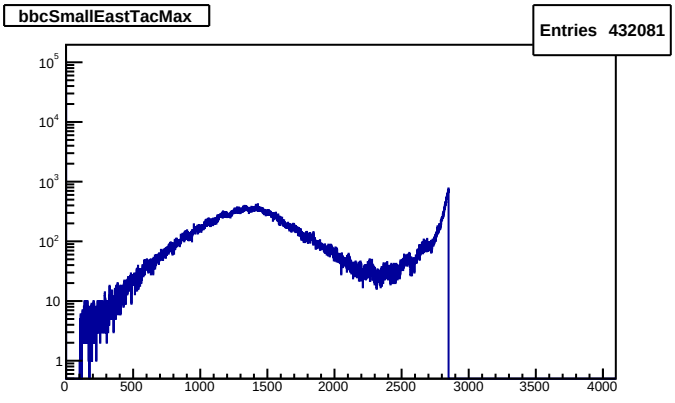

EQ3 QTB
Entries 3.403478e+07
TDC
QT Input Channel

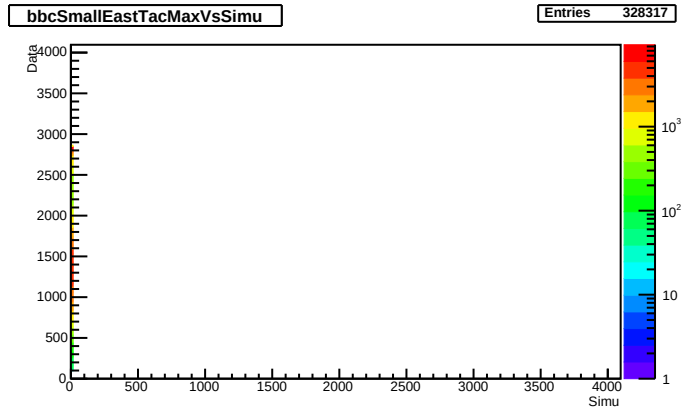

EQ3 QTC
Entries 4.147978e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.147978e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 432081


bbcSmallEastAdcSumVsSimu
Entries 328317
Data
Simu


bbcSmallEastTacMax
Entries 432081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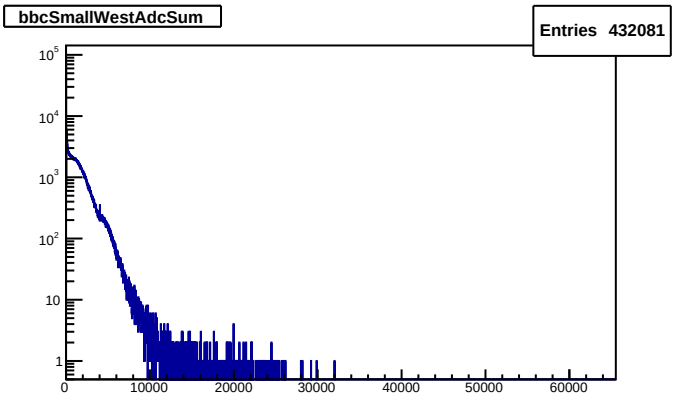
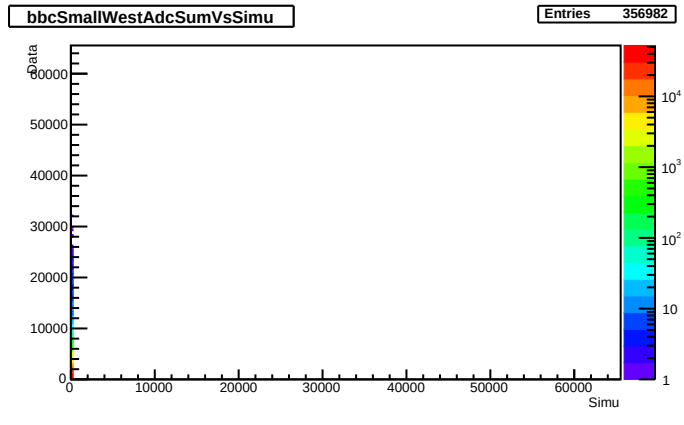
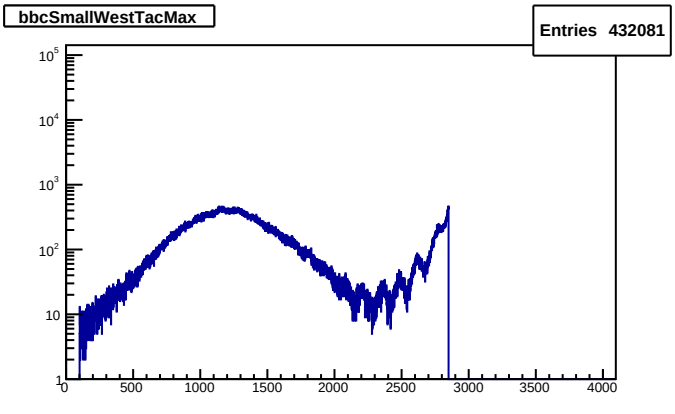
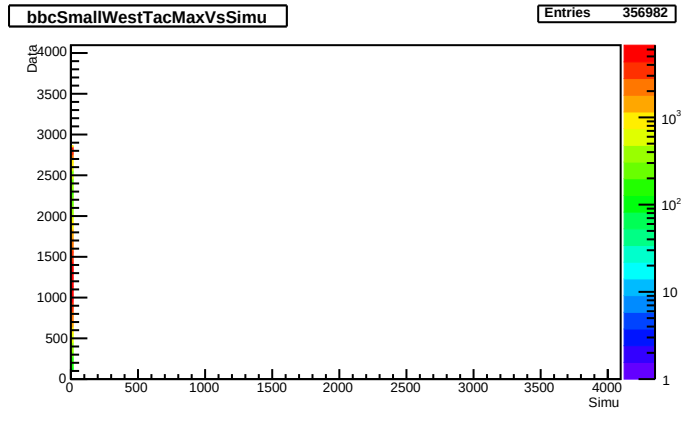
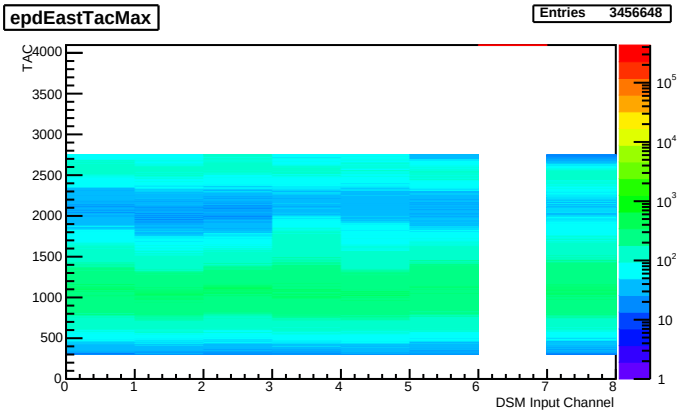
Entries 328317
Data
Simu

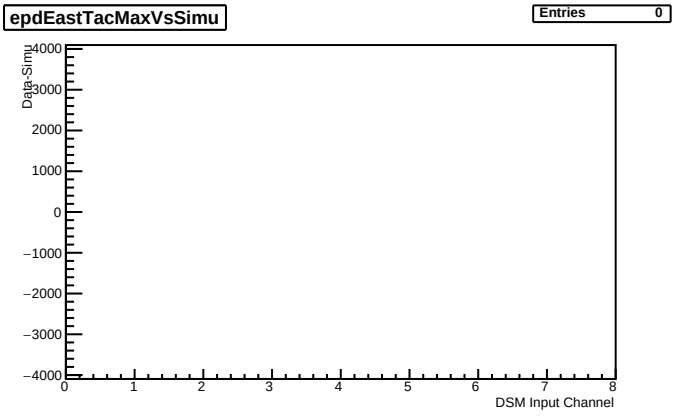

bbcSmallWestAdcSum
Entries 432081

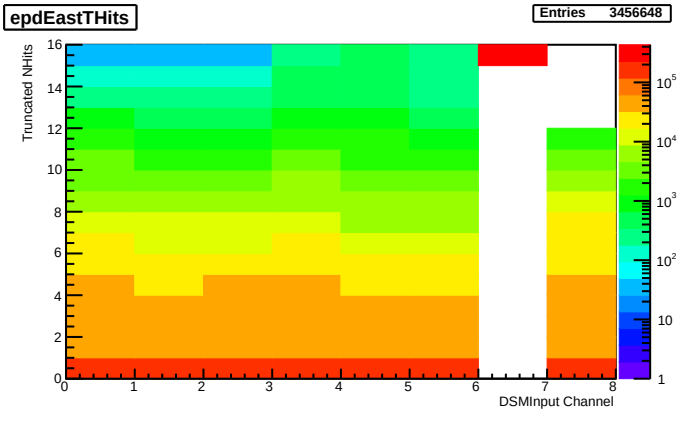

bbcSmallWestAdcSumVsSimu
Entries 356982
Data
Simu

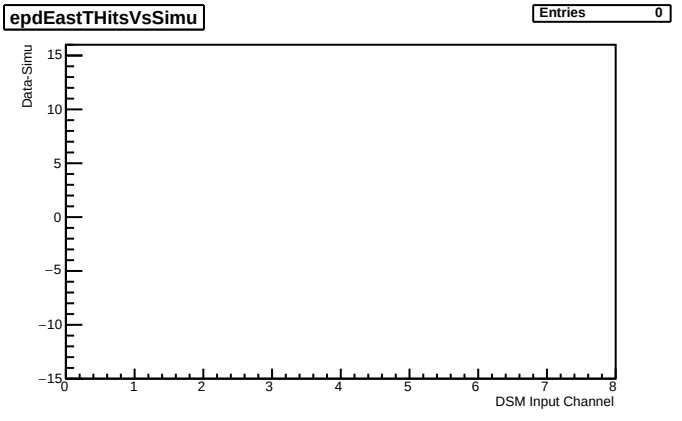

bbcSmallWestTacMax
Entries 432081


bbcSmallWestTacMaxVsSimu
Entries 356982
Data
Simu


epdEastTacMax
Entries 3456648
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3456648
Truncated NHits
DSMInput Channel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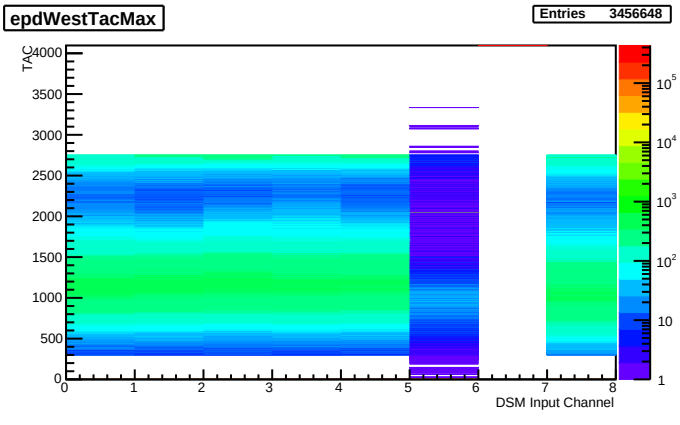
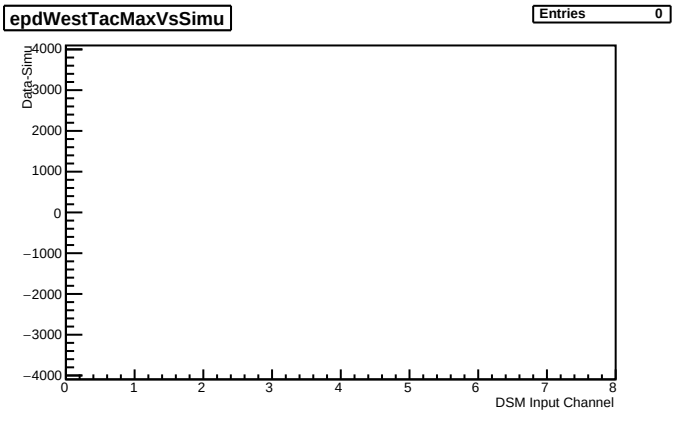
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3456648
TAC
DSM Input Channel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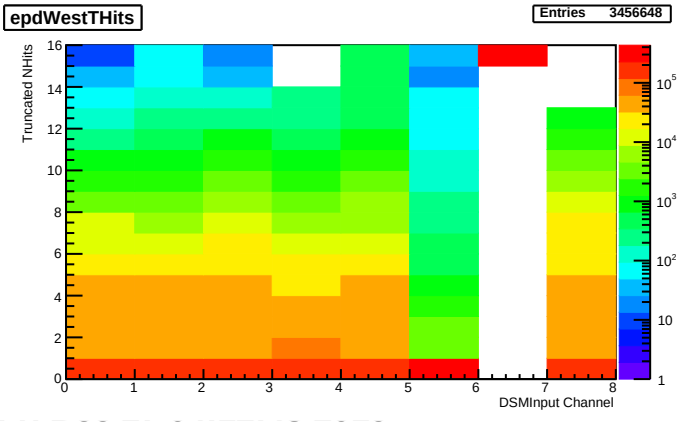
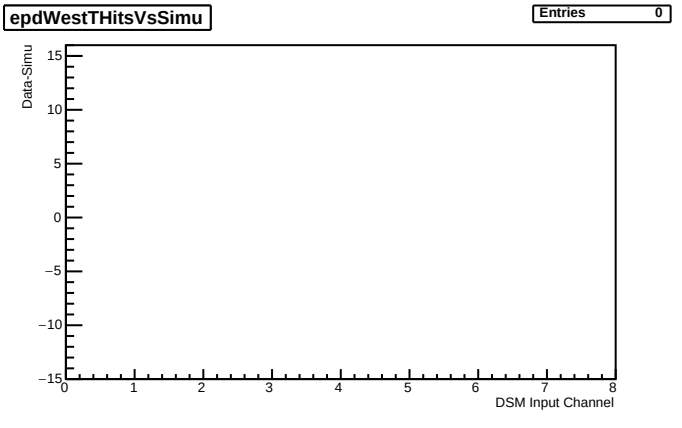
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3456648
Truncated NHits
DSMInput Channel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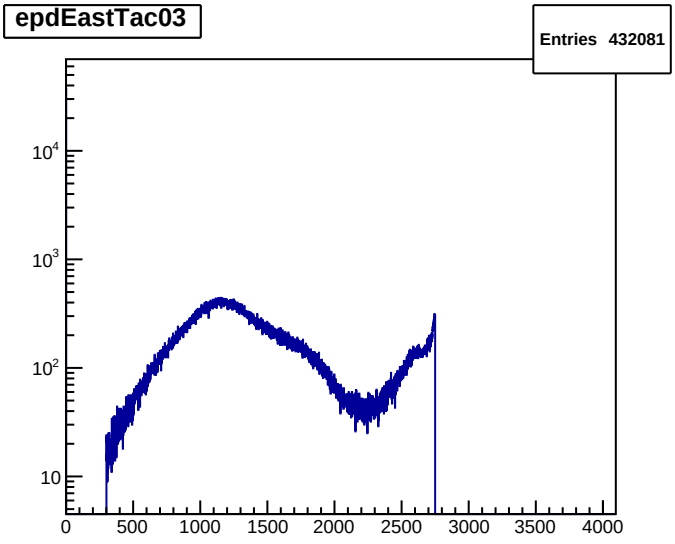
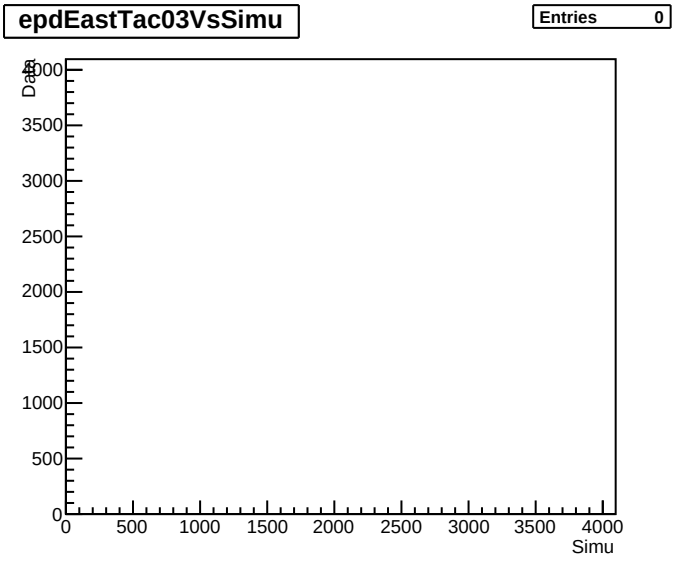
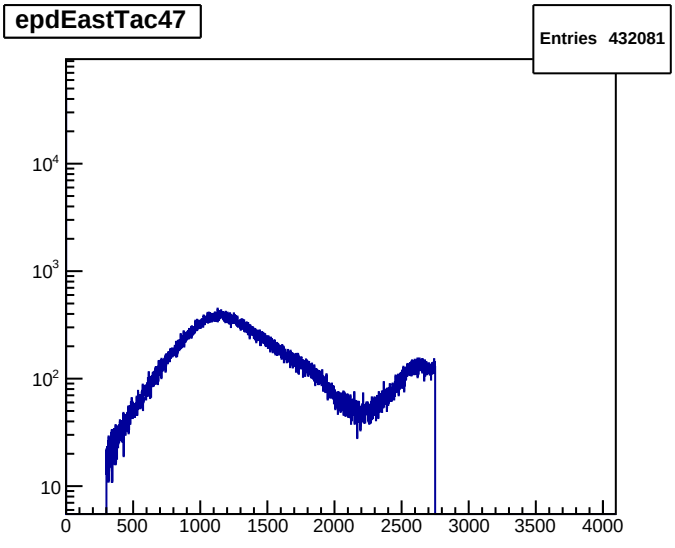
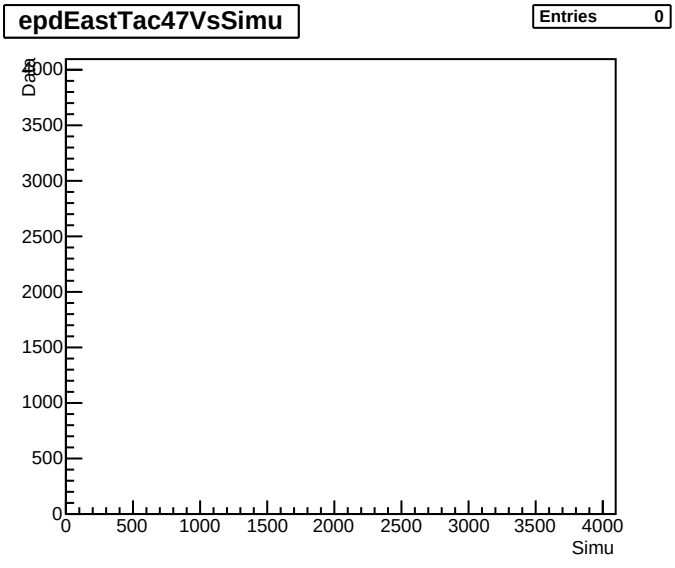
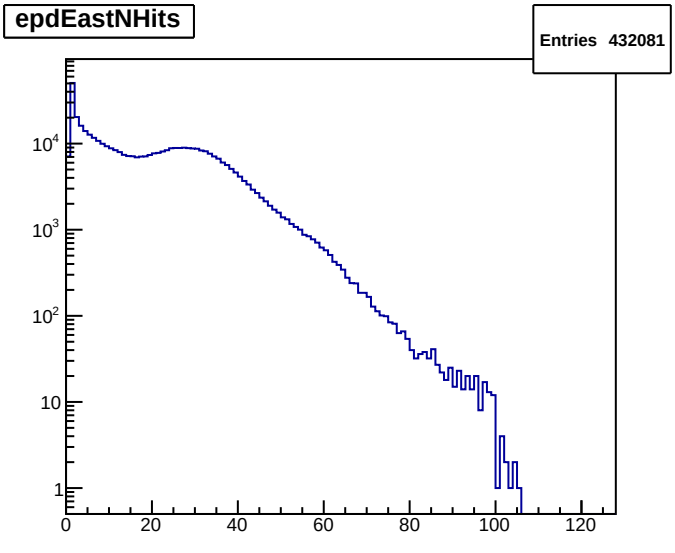
Entries 0
Data-Simu
DSM Input Channel

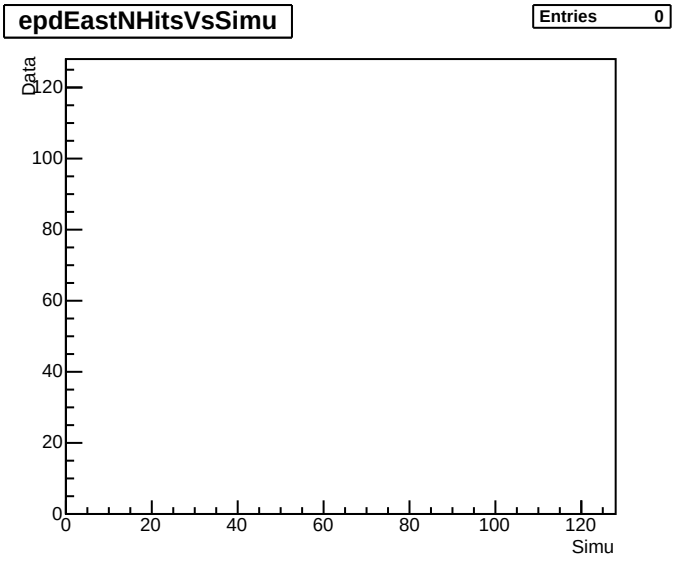

epdEastTac03
Entries 432081


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 432081


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 432081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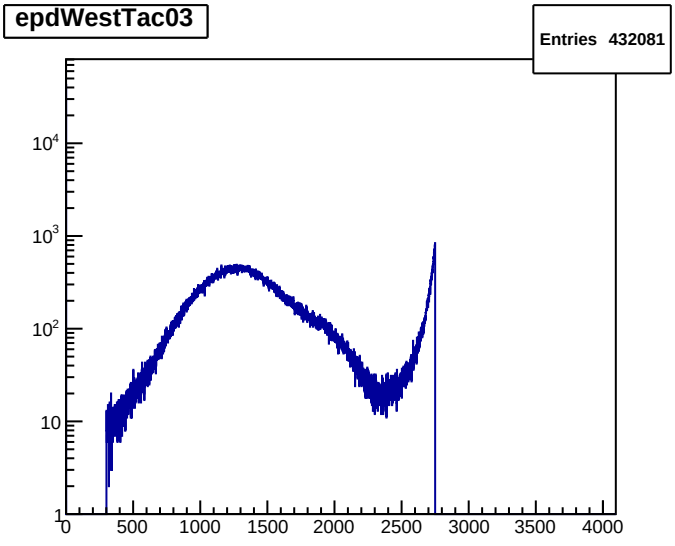
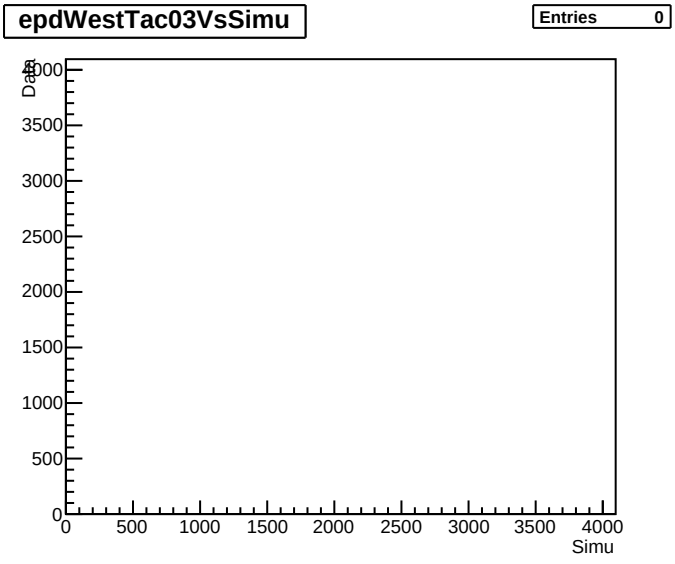
Entries 0
Data
Simu


epdWestTac03
Entries 432081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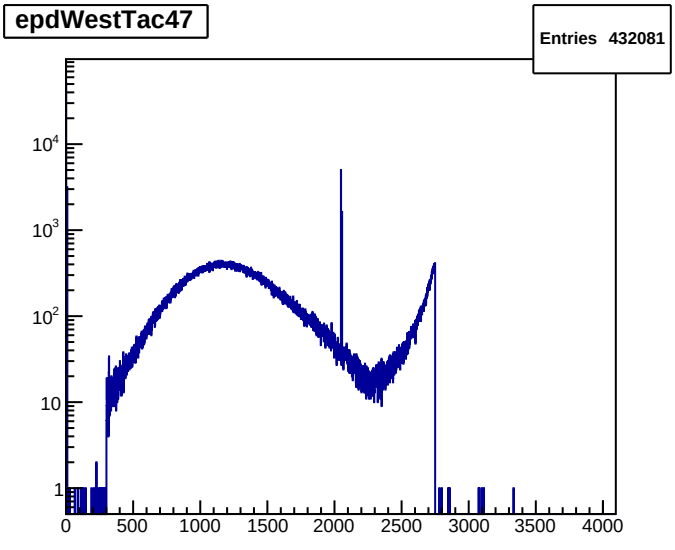
Entries 0
Data
Simu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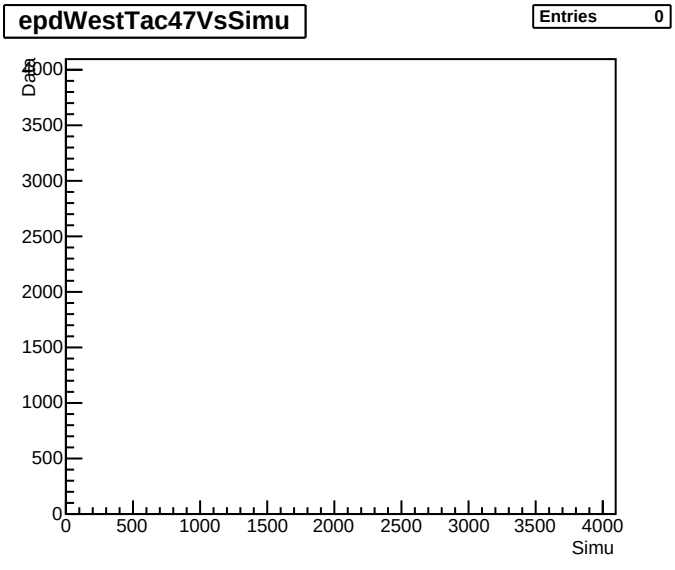
Entries 432081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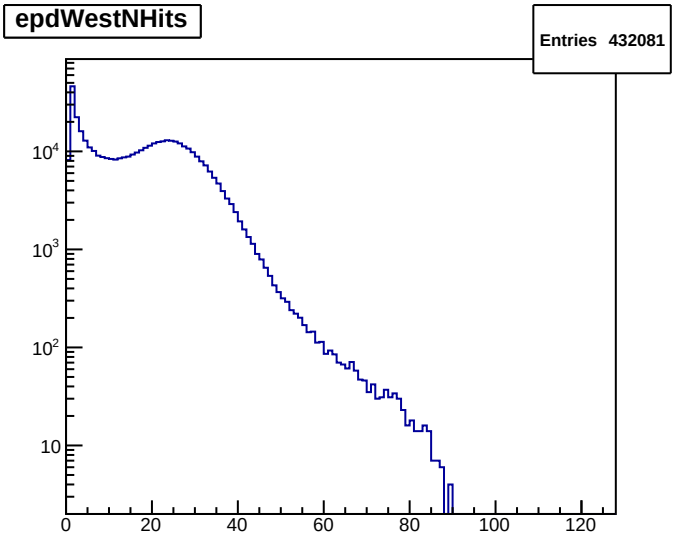
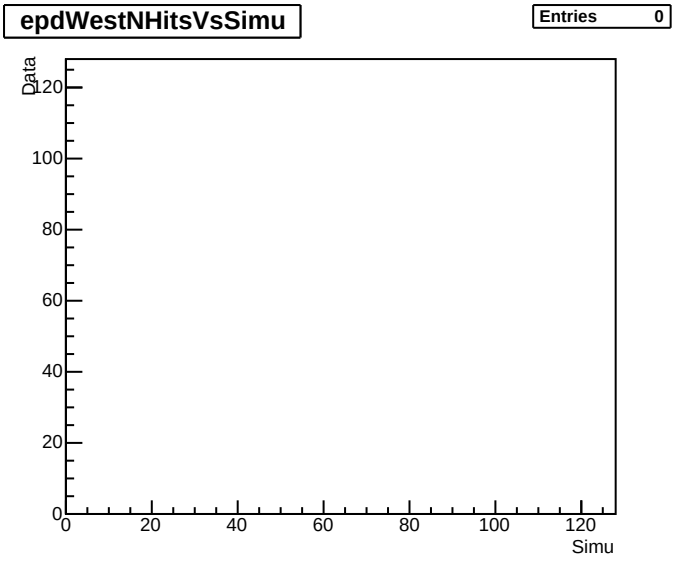
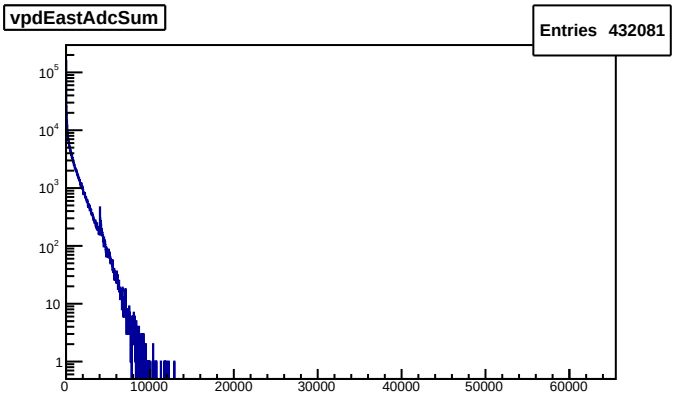
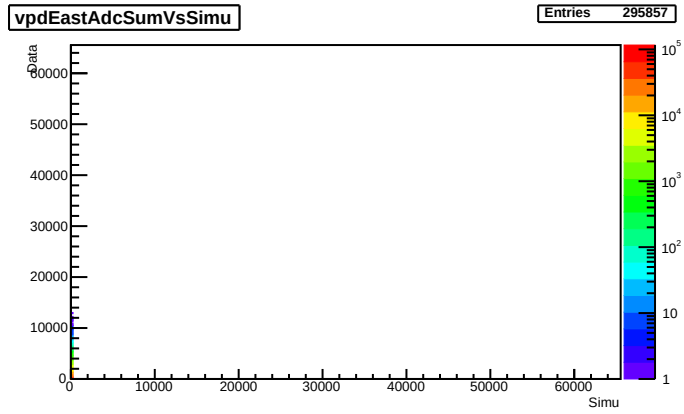
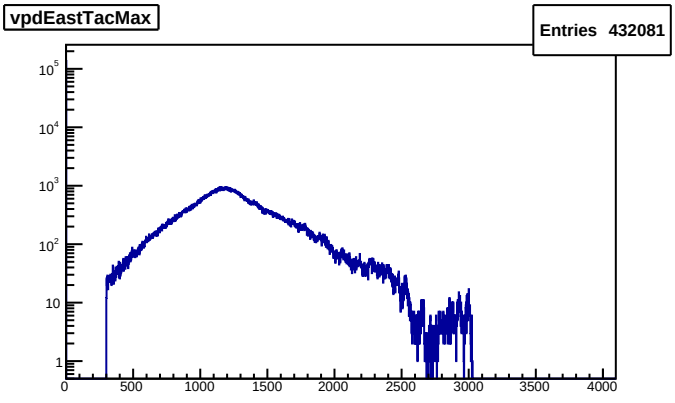
Entries 0
Data
Simu

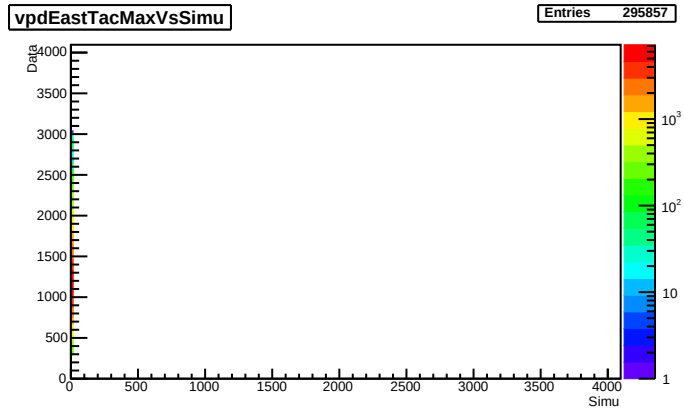

epdWestNHits
Entries 432081

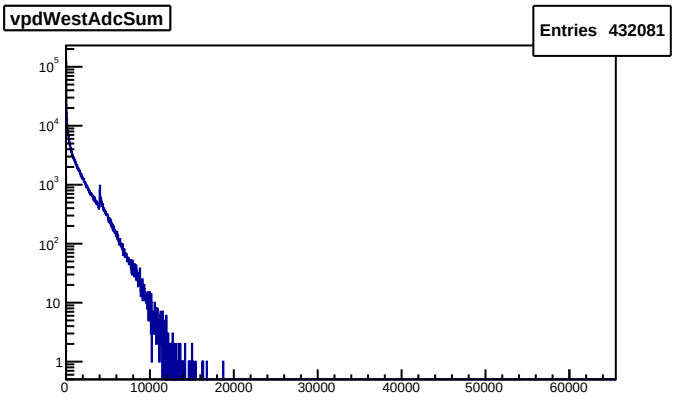

epdWestNHitsVsSimu
Entries 0
Data
Simu

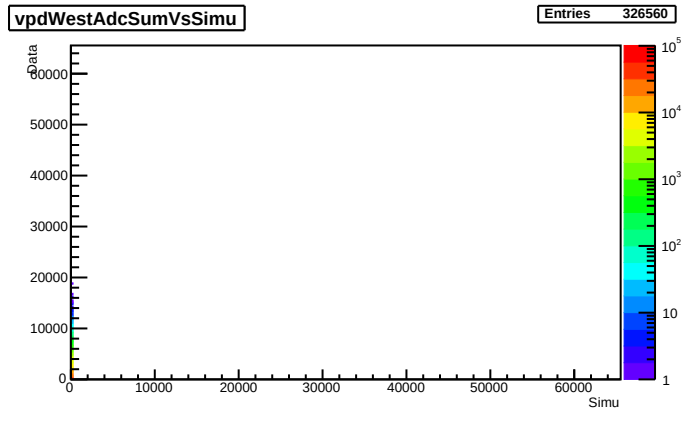

vpdEastAdcSum
Entries 432081

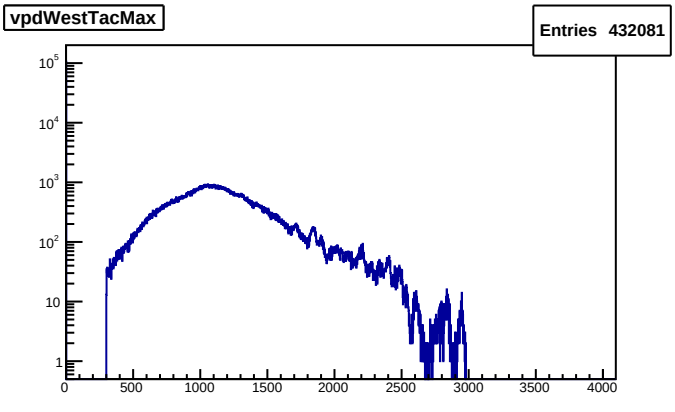

vpdEastAdcSumVsSimu
Entries 295857
Data
Simu

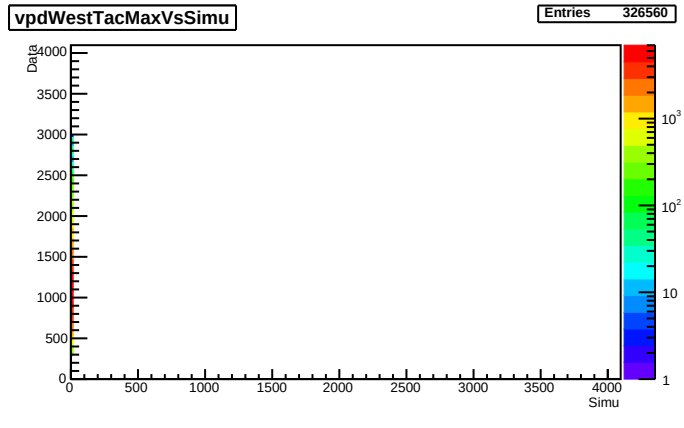

vpdEastTacMax
Entries 432081

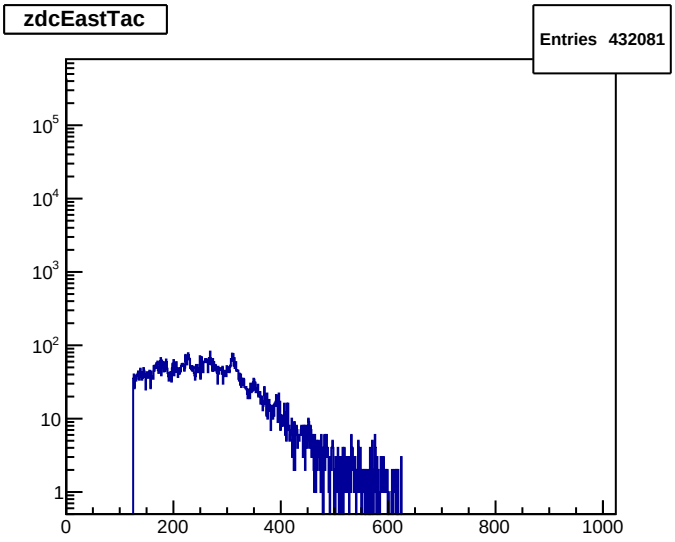

vpdEastTacMaxVsSimu
Entries 295857
Data
Simu

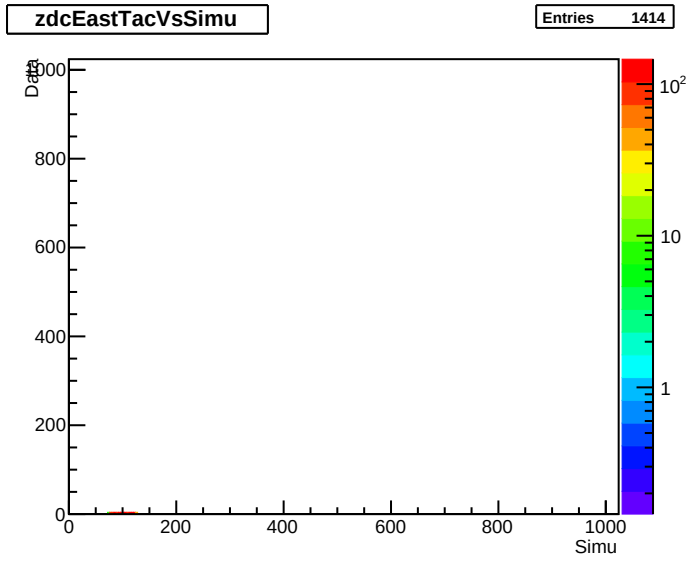

vpdWestAdcSum
Entries 432081

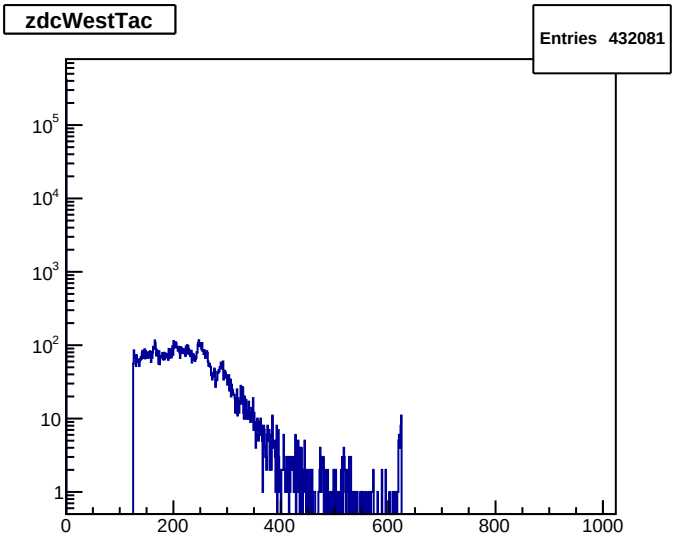

vpdWestAdcSumVsSimu
Entries 326560
Data
Simu

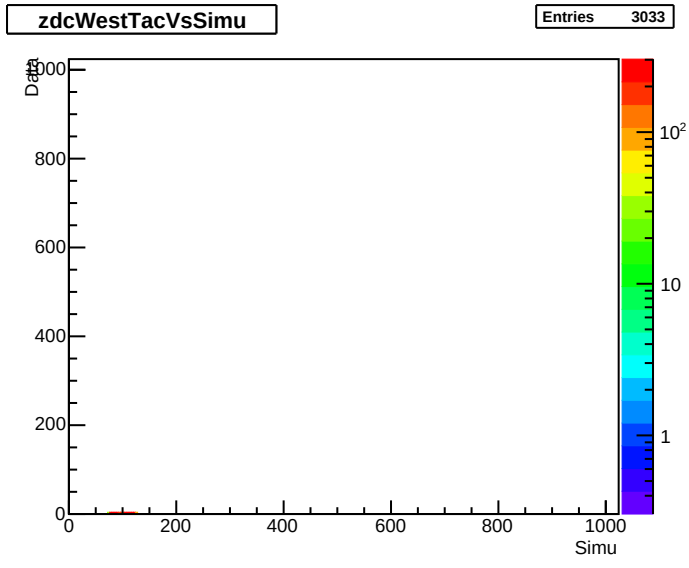

vpdWestTacMax
Entries 432081

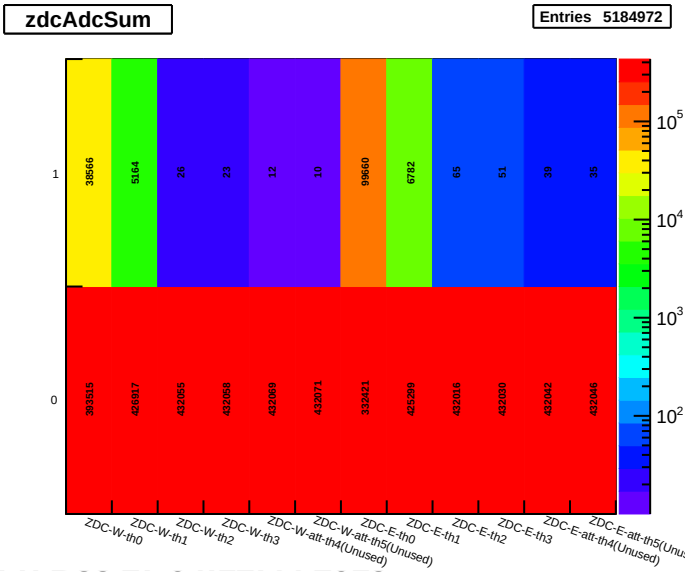

vpdWestTacMaxVsSimu
Entries 326560
Data
Simu

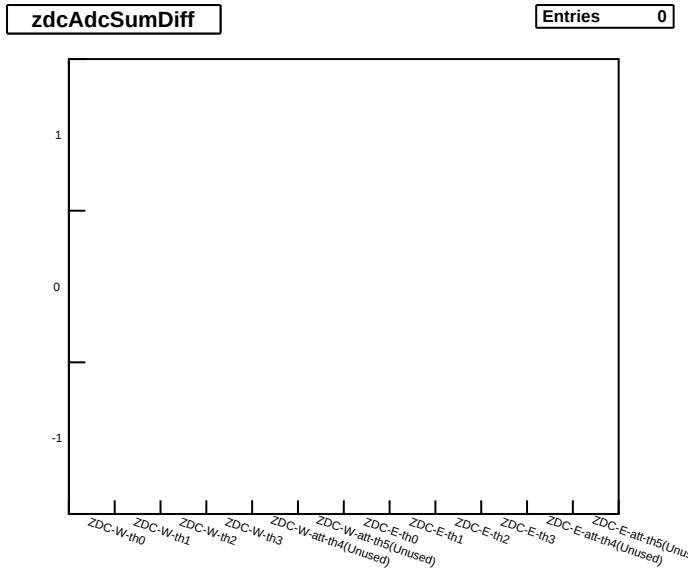

zdcEastTac
Entries 432081

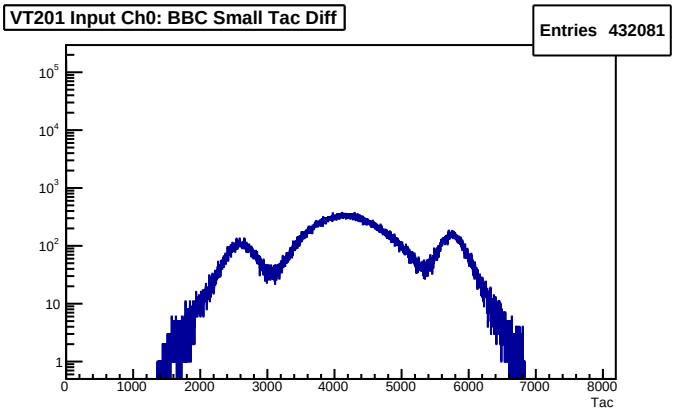

zdcEastTacVsSimu
Entries 1414
Data
Simu

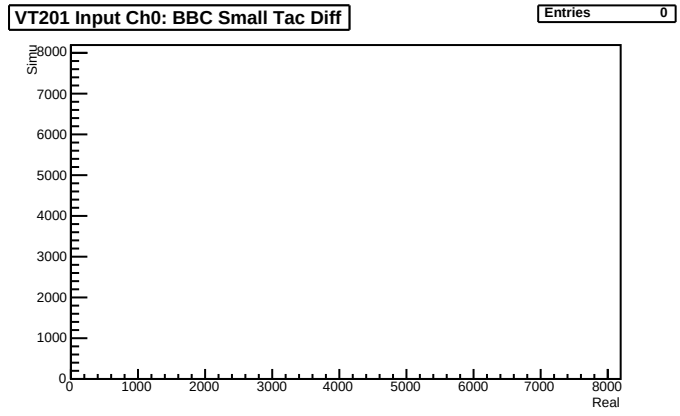

zdcWestTac
Entries 432081

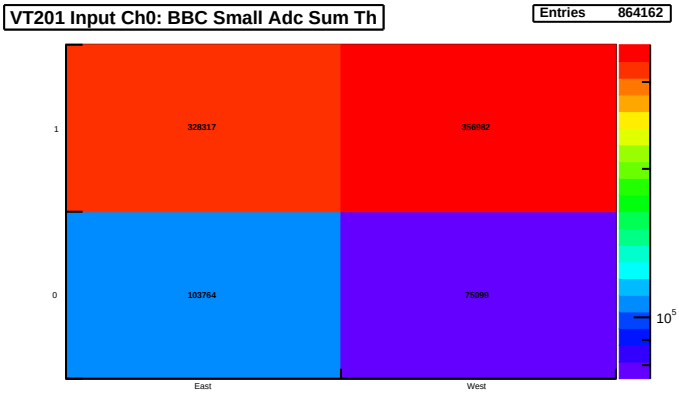

zdcWestTacVsSimu
Entries 3033
Data
Simu

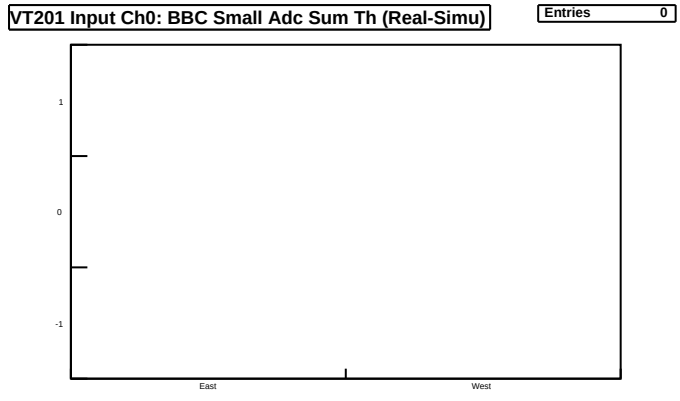

zdcAdcSum
Entries 5184972
38566
5164
26
23
12
10
99660
6782
65
51
39
35
393515
426917
432055
432058
432069
432071
332421
425299
432016
432030
432042
432046
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

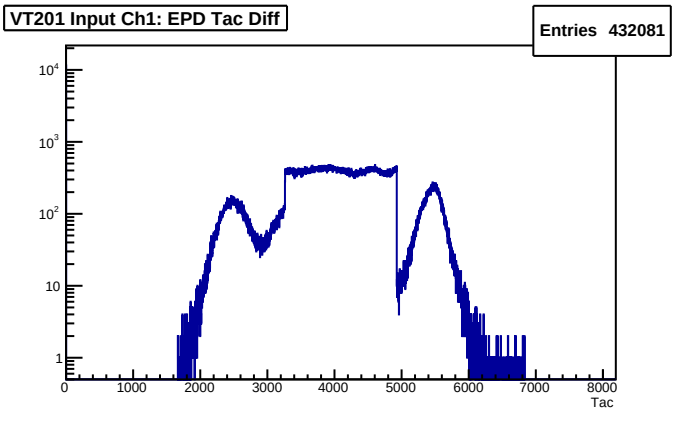

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

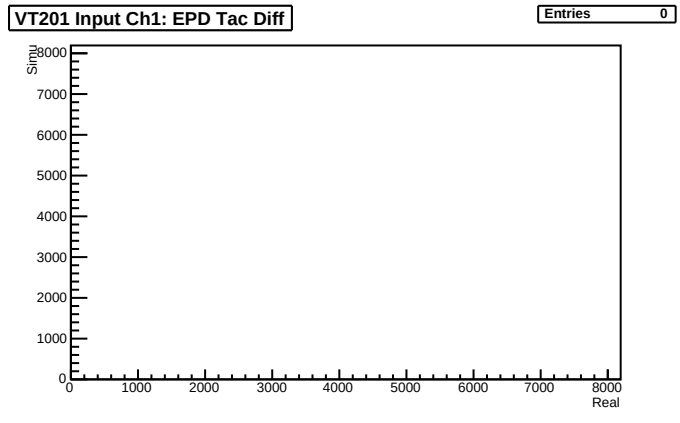

VT201 Input Ch0: BBC Small Tac Diff
Entries 432081
Tac

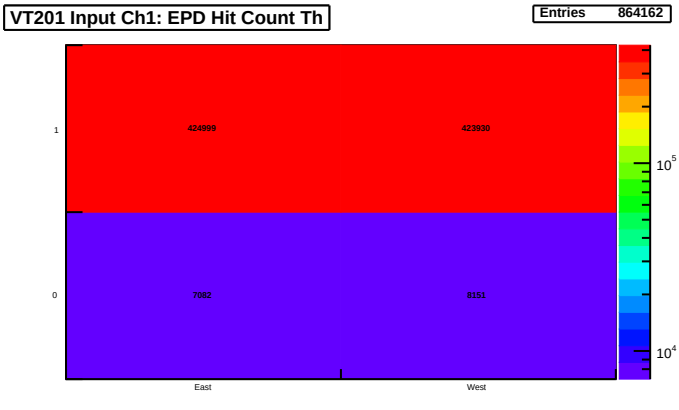

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

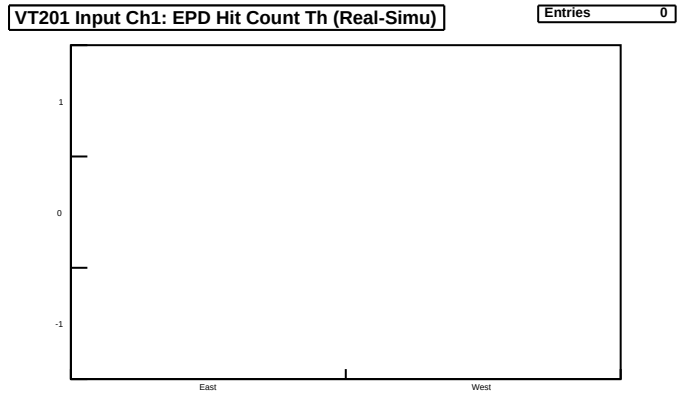

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 864162
328317
356982
103764
75099
East
West

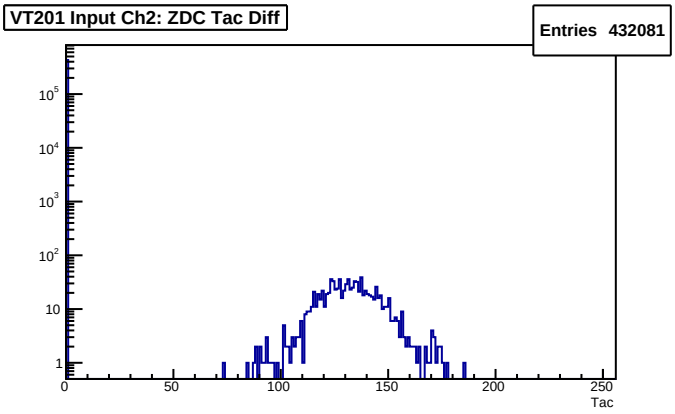

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

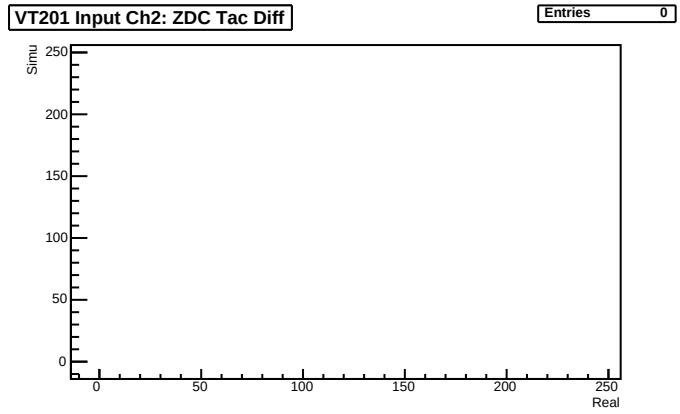

VT201 Input Ch1: EPD Tac Diff
Entries 432081
Tac

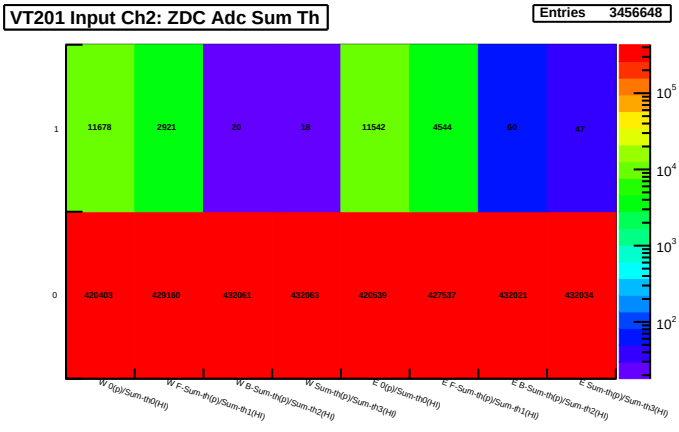

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

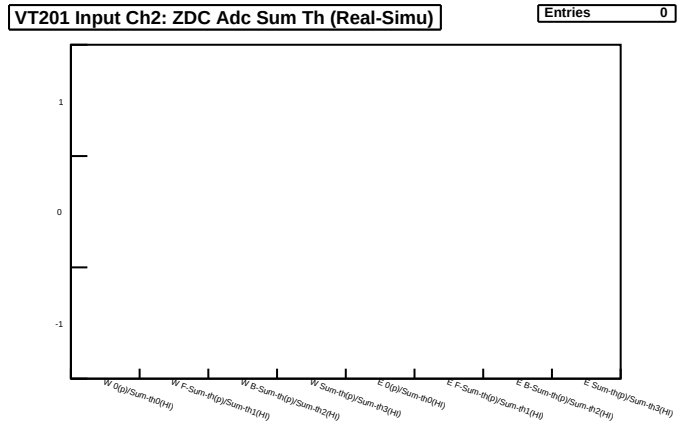

VT201 Input Ch1: EPD Hit Count Th
Entries 864162
424999
423930
7082
8151
East
West

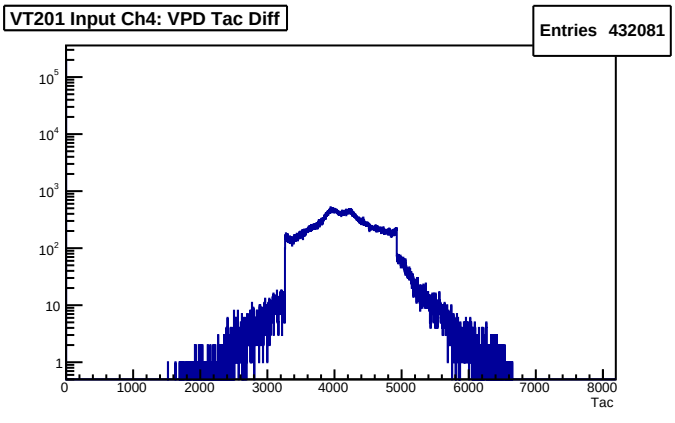

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

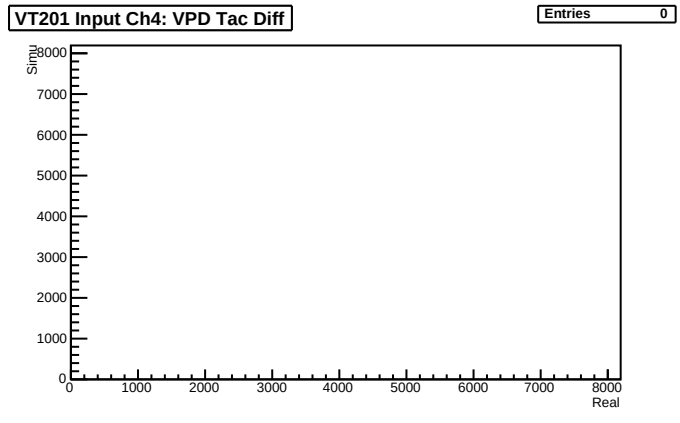

VT201 Input Ch2: ZDC Tac Diff
Entries 432081
Tac

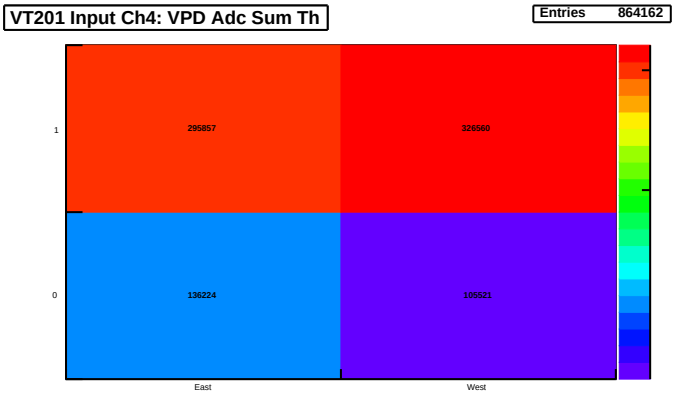

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

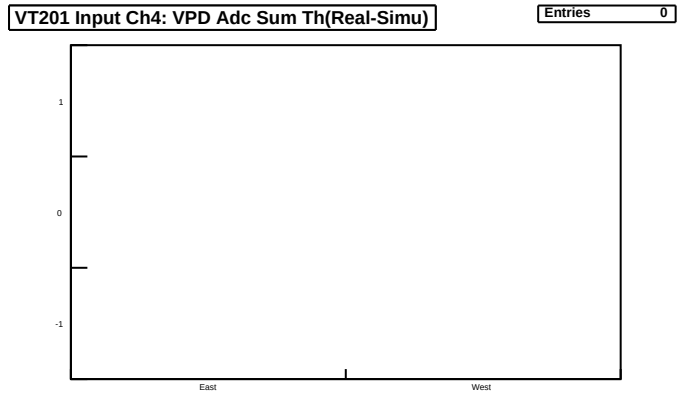

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3456648
11678
2921
20
18
11542
4544
60
47
420403
429160
432061
432063
420539
427537
432021
432034
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

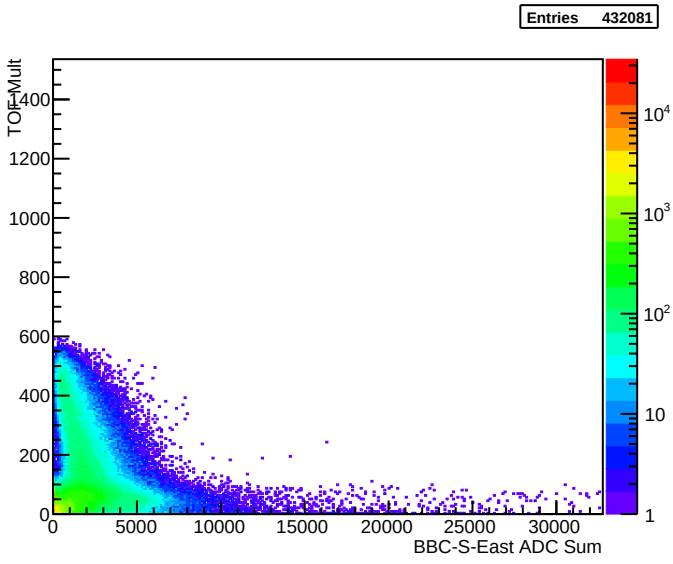

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

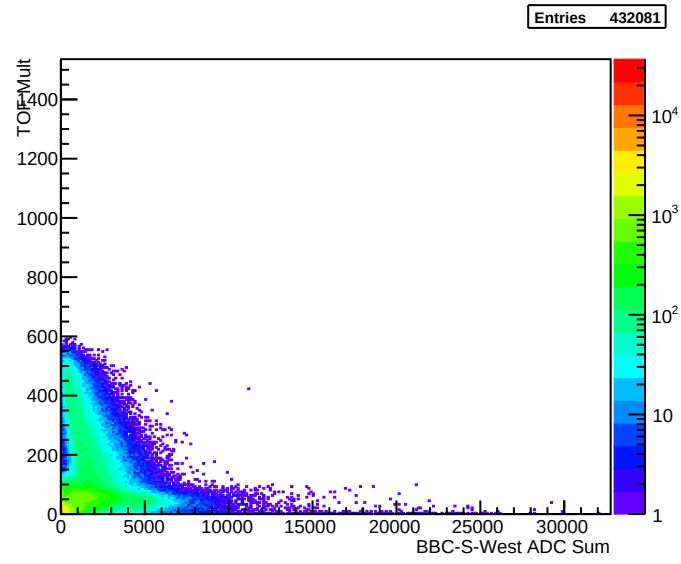

VT201 Input Ch4: VPD Tac Diff
Entries 432081
Tac

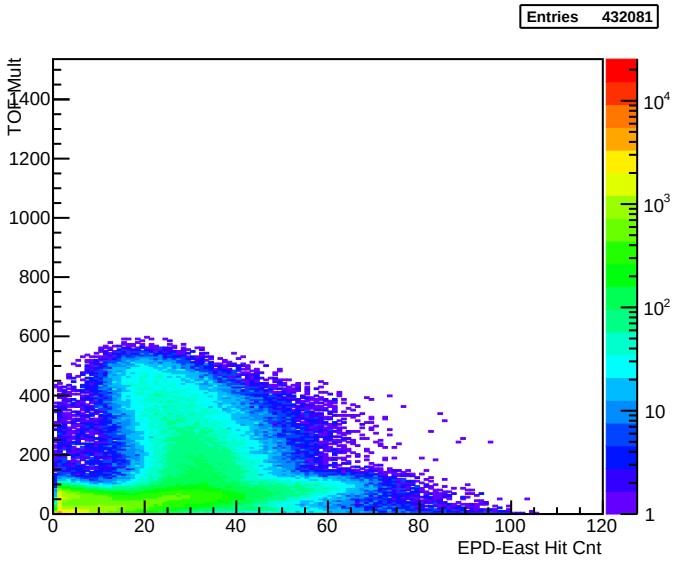

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

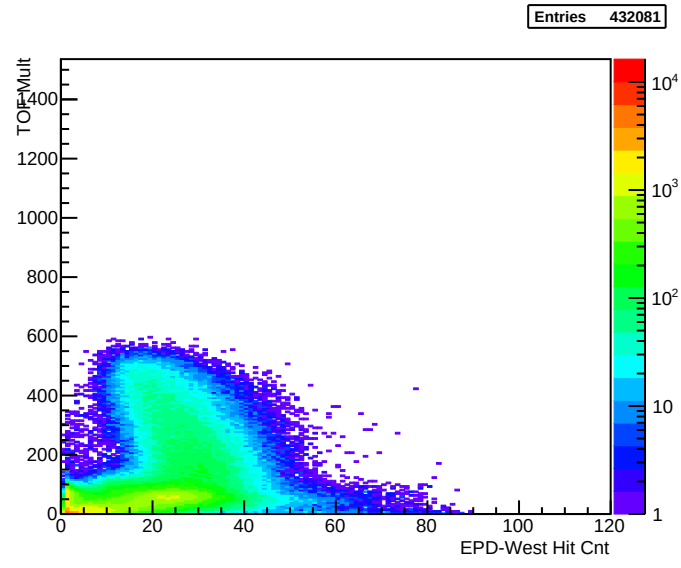

VT201 Input Ch4: VPD Adc Sum Th
Entries 864162
295857
320560
136224
105521
East
West

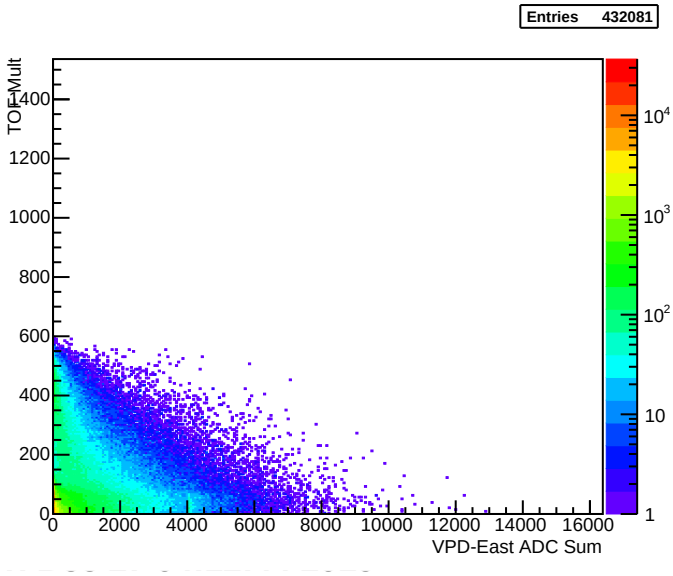

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

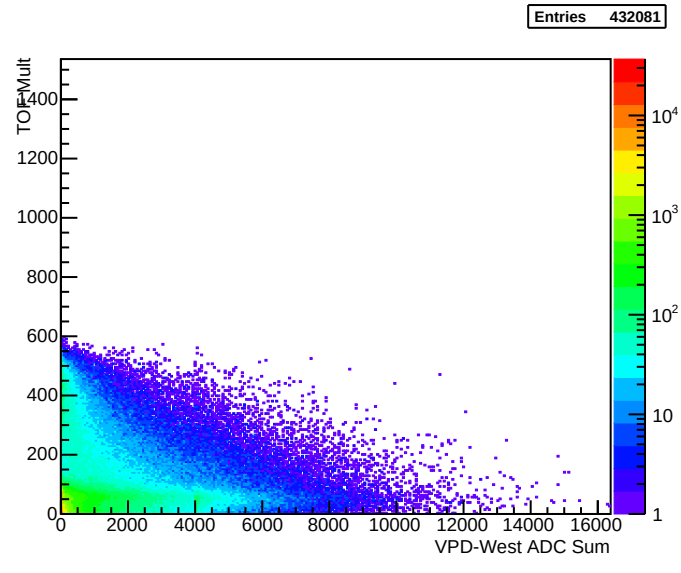

Entries 432081
TOF-Mult
BBC-S-East ADC Sum

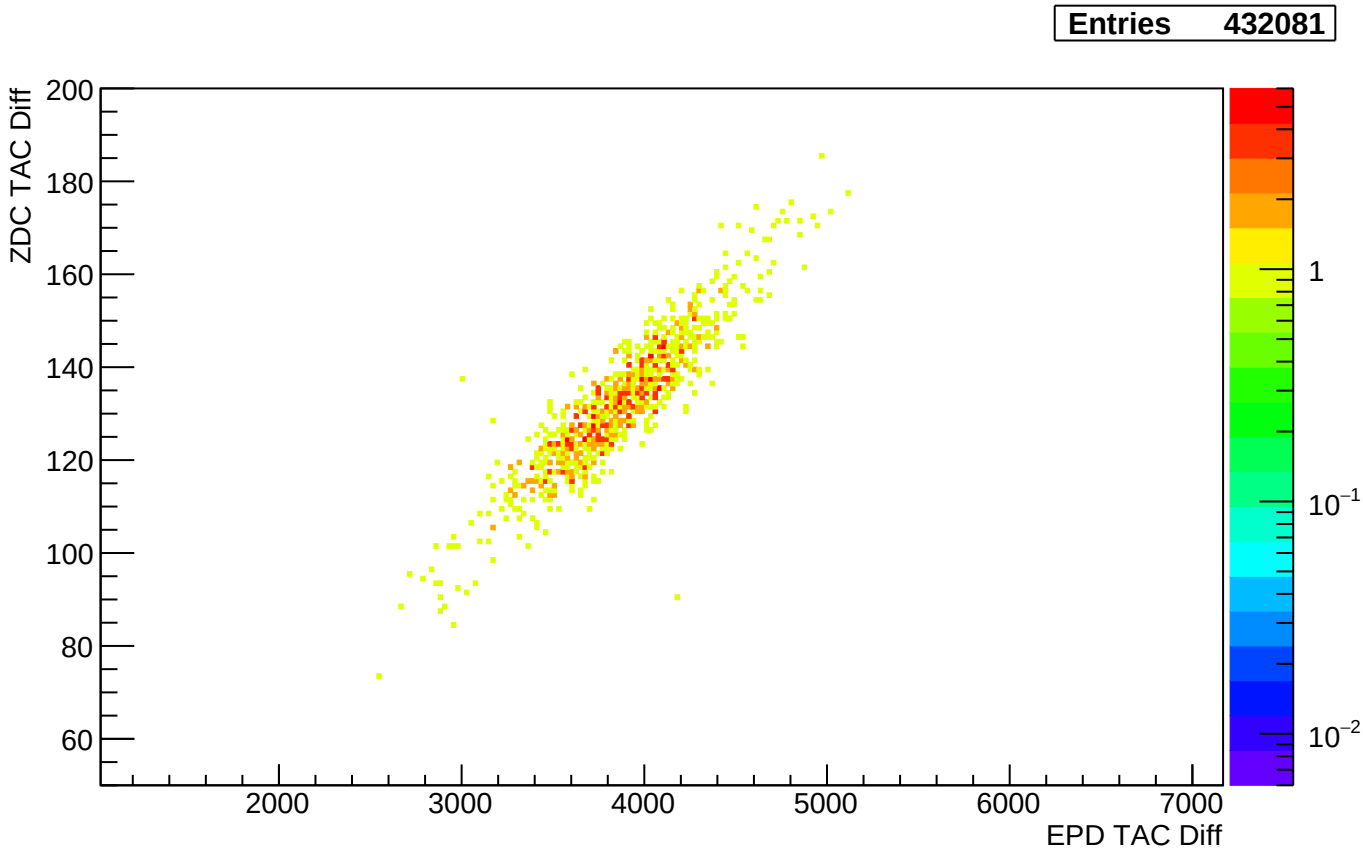

Entries 432081
TOF-Mult
BBC-S-West ADC Sum

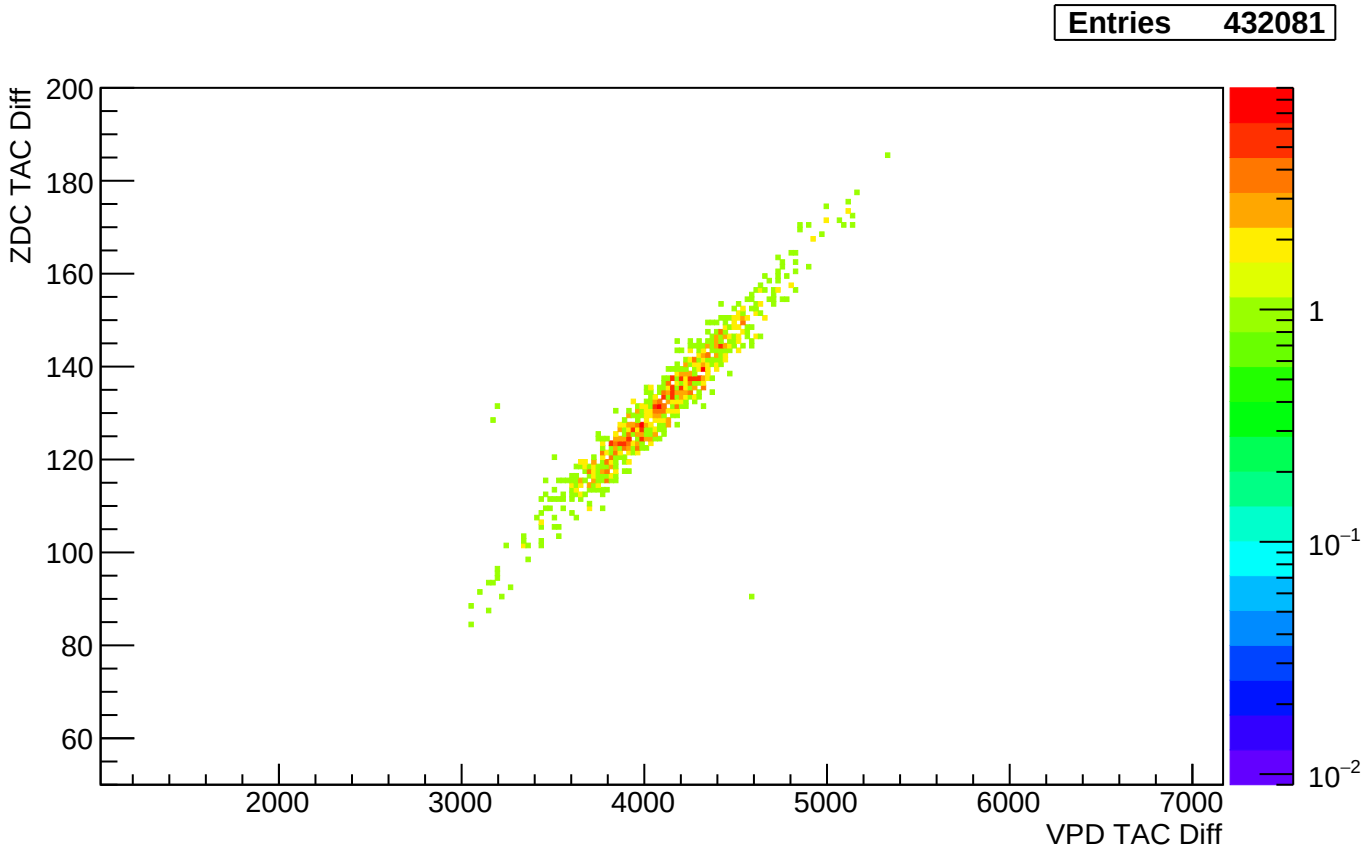

Entries 432081
TOF-Mult
EPD-East Hit Cnt

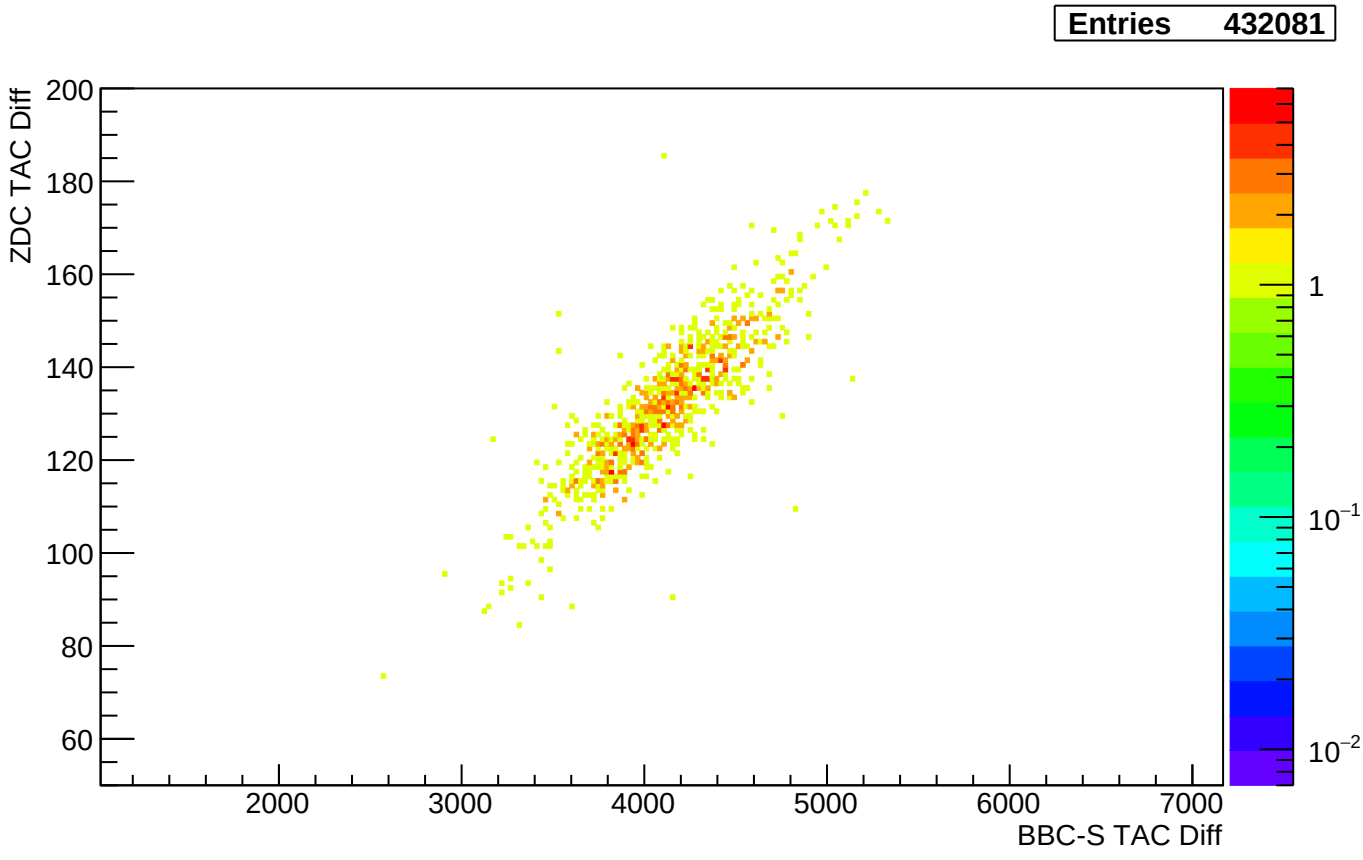

Entries 432081
TOF-Mult
EPD-West Hit Cnt

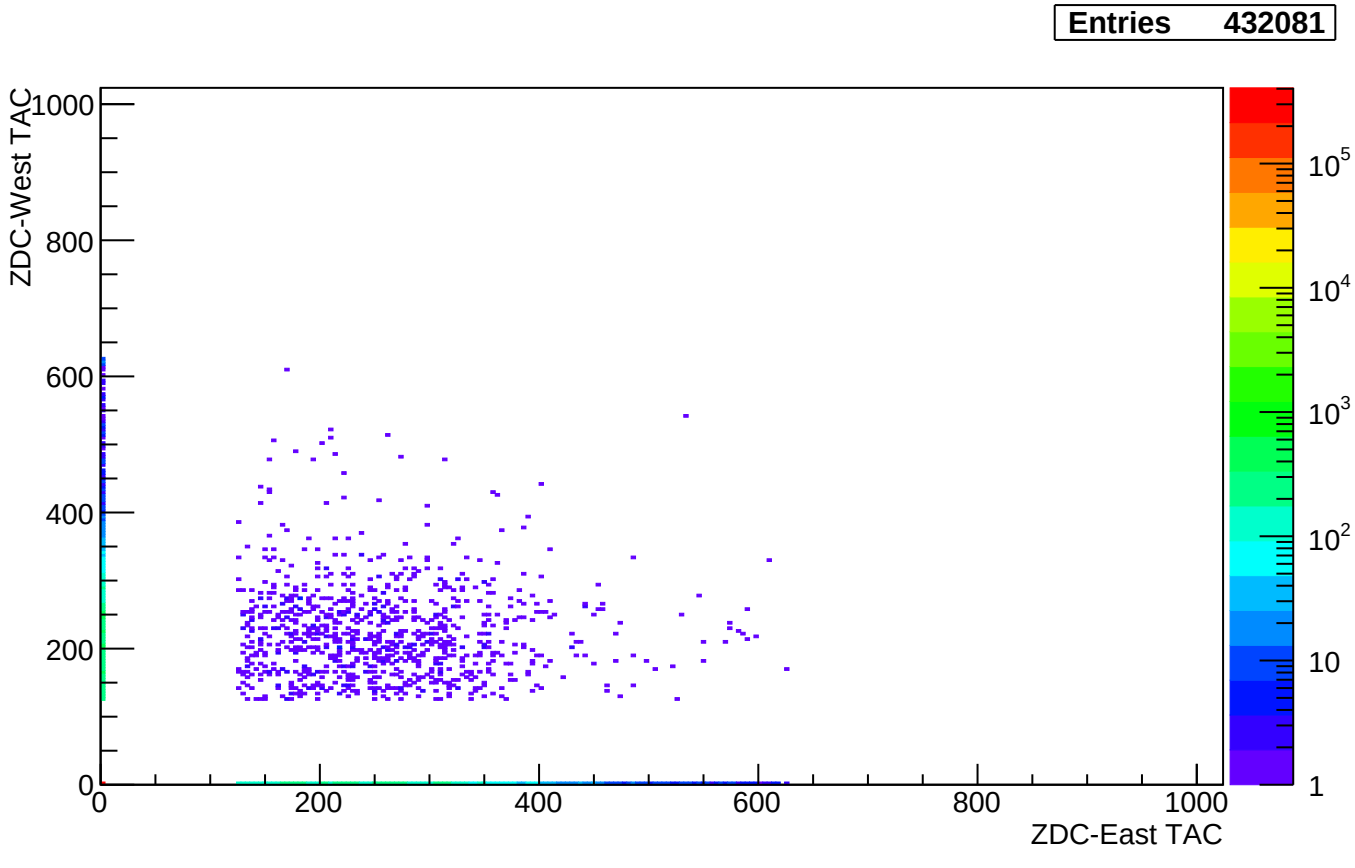

Entries 432081
TOF-Mult
VPD-East ADC Sum

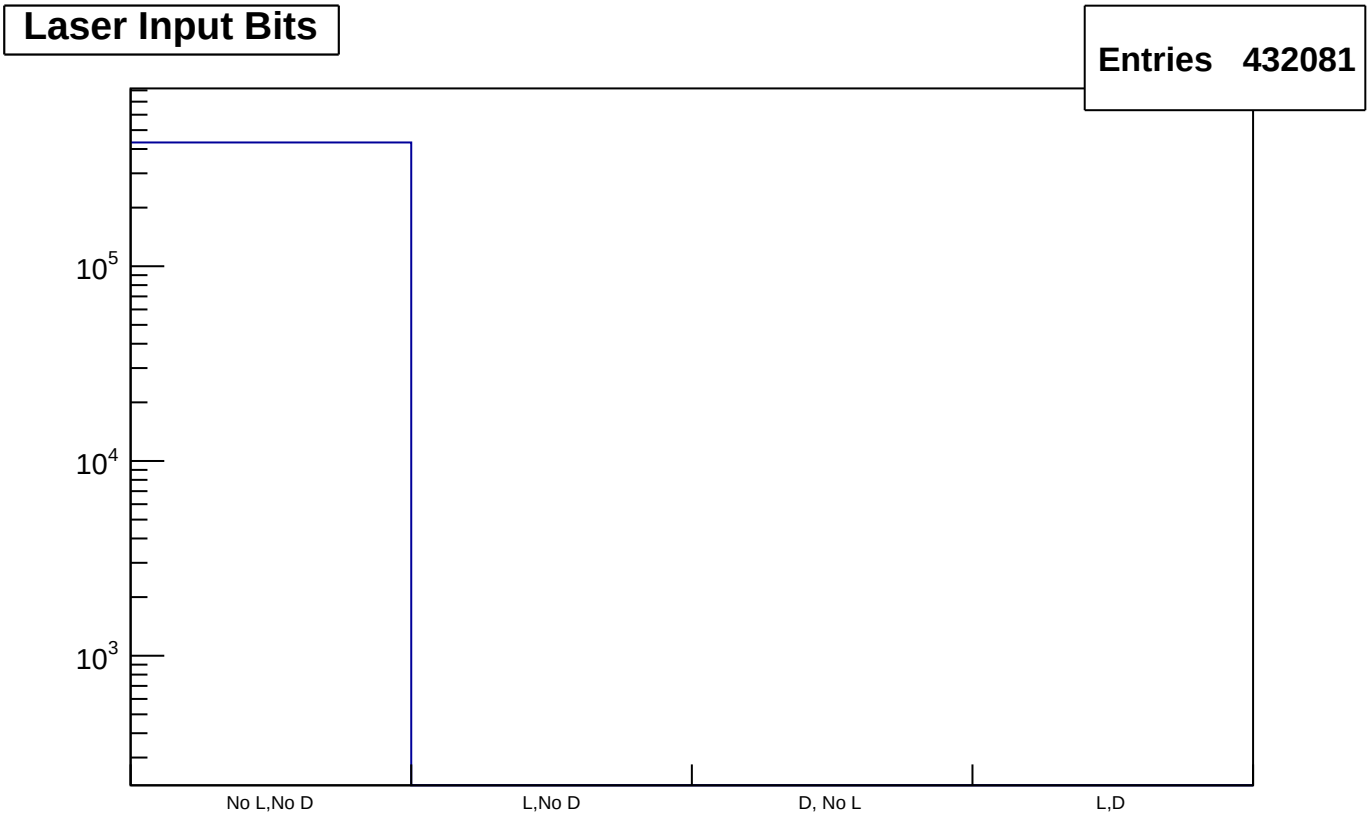

Entries 432081
TOF-Mult
VPD-West ADC Sum

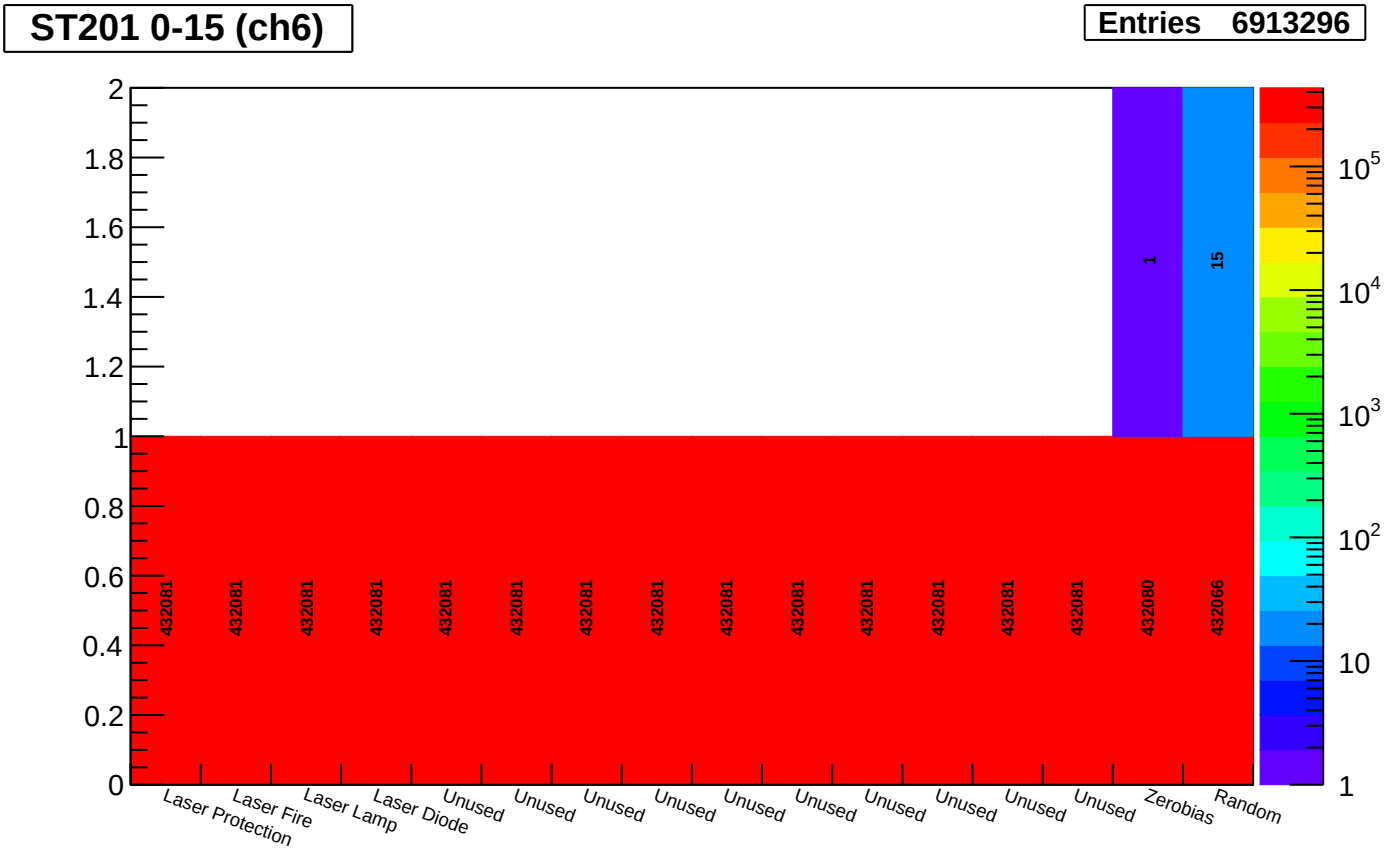

Entries 432081
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

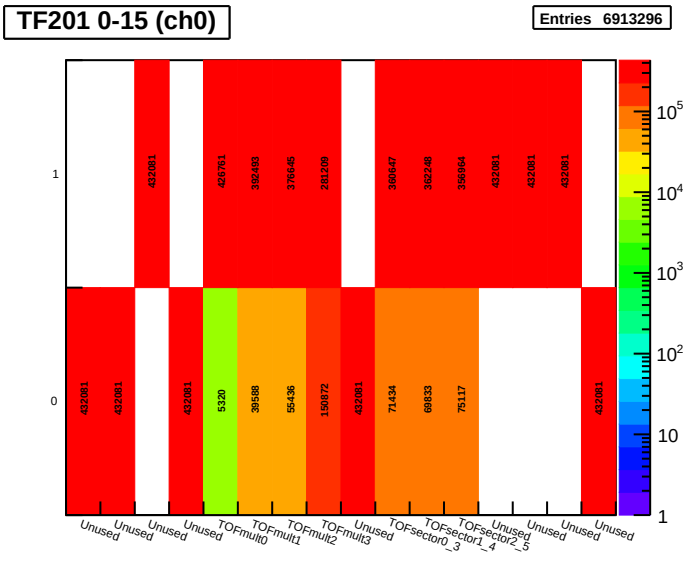

Entries 432081
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

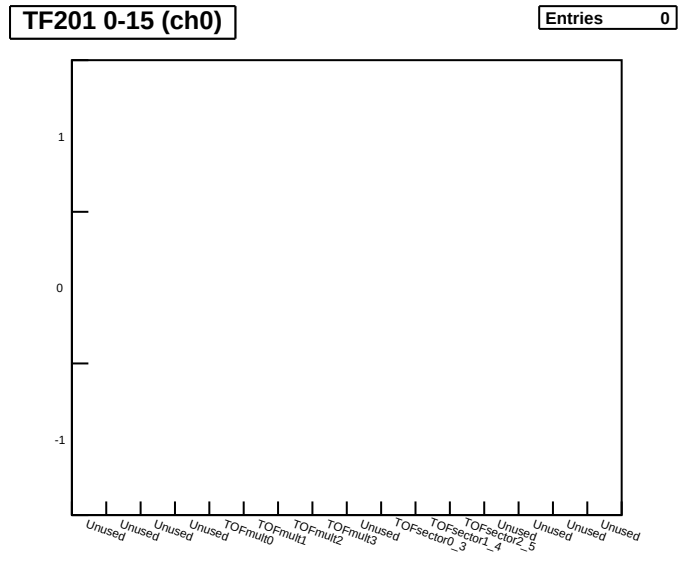

Entries 432081
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

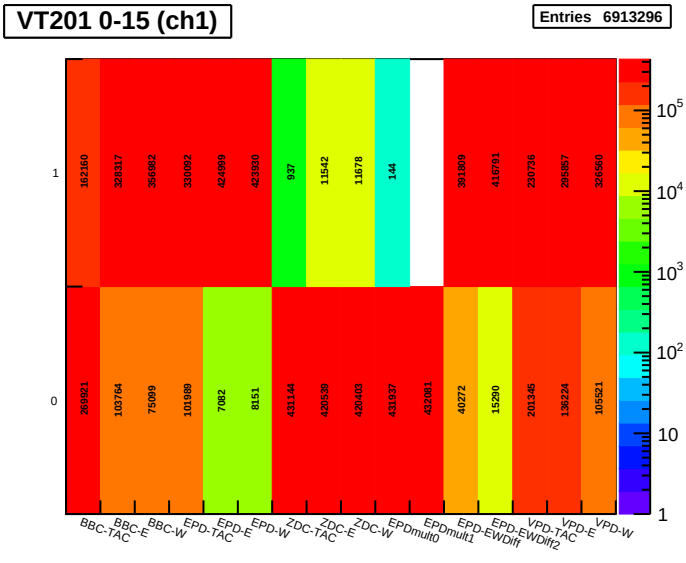

Entries 432081
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

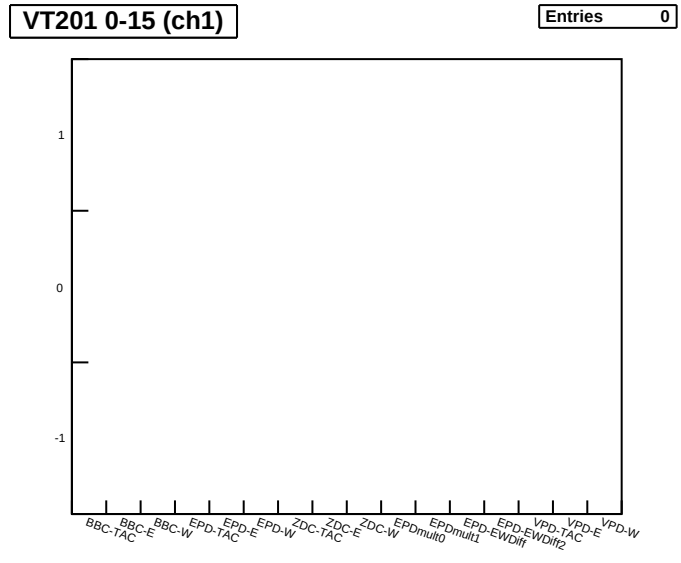

Laser Input Bits
Entries 432081
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

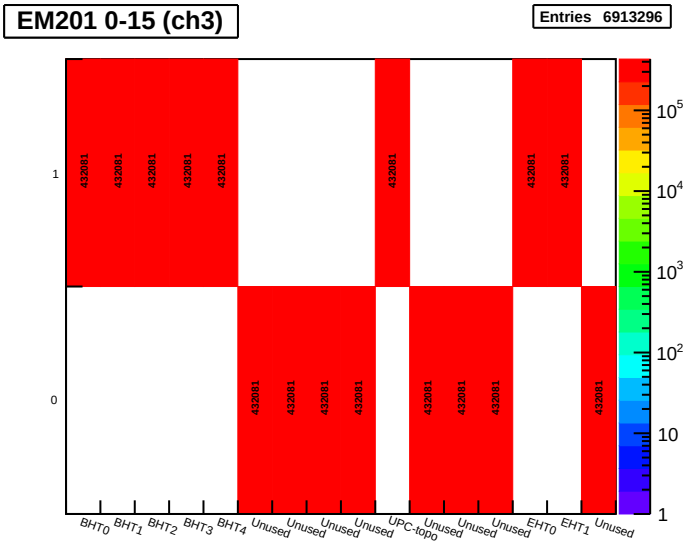

ST201 0-15 (ch6)
Entries 6913296
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432080
432066
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

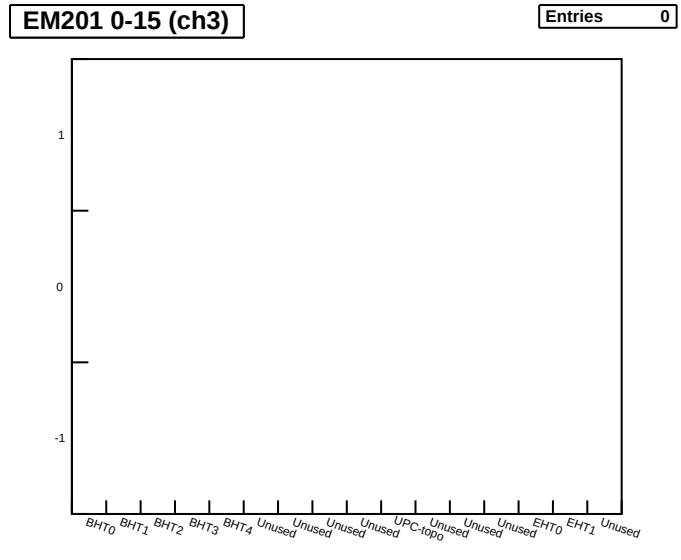

TF201 0-15 (ch0)
Entries 6913296
1
0
432081
426761
392493
376645
281209
360647
362248
356964
432081
432081
432081
432081
432081
432081
5320
39588
55436
150872
432081
71434
68833
75117
432081
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6913296
1
0
162160
328317
356982
330092
424999
423930
937
11542
11678
144
391809
416791
230756
295857
326560
269921
103764
75099
101989
7082
8151
431144
420539
420403
431937
432081
40272
15290
201345
138224
105521
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 6913296
1
0
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
432081
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