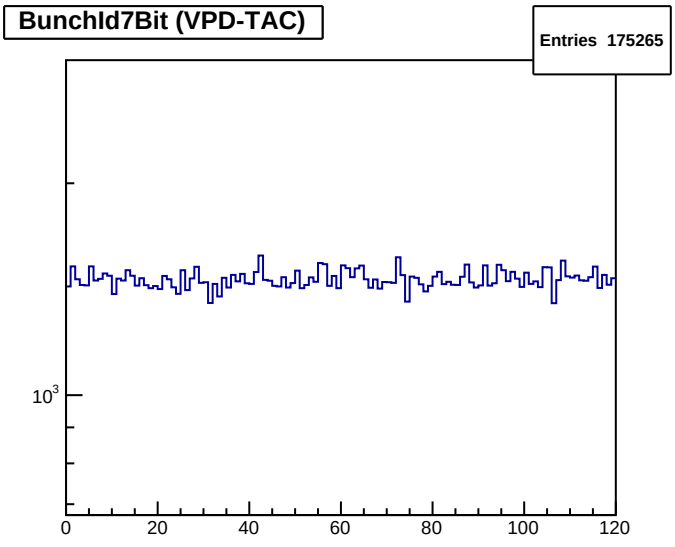
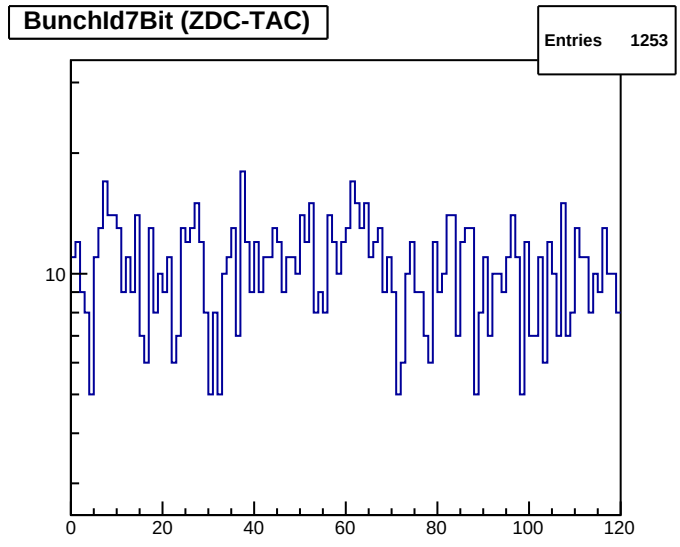
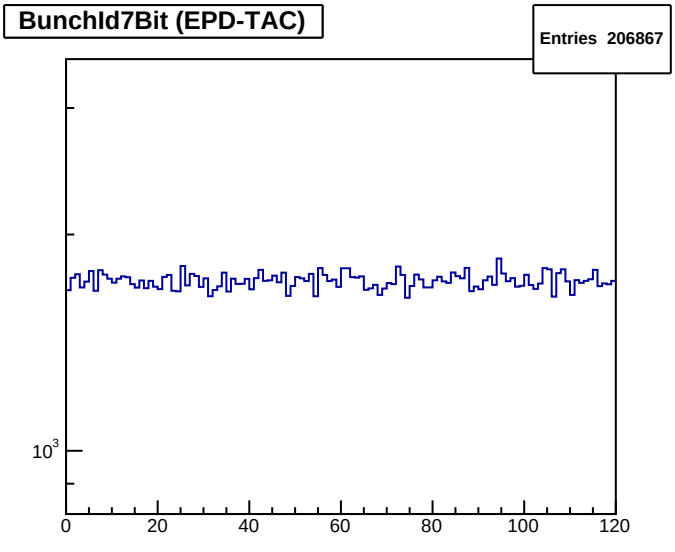
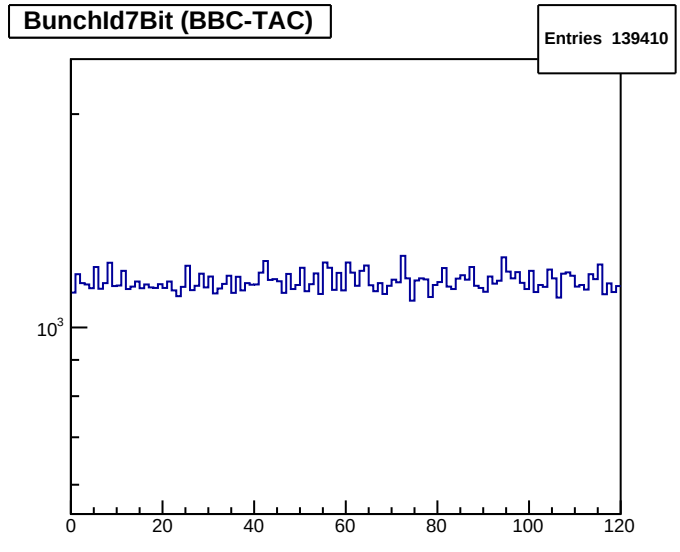
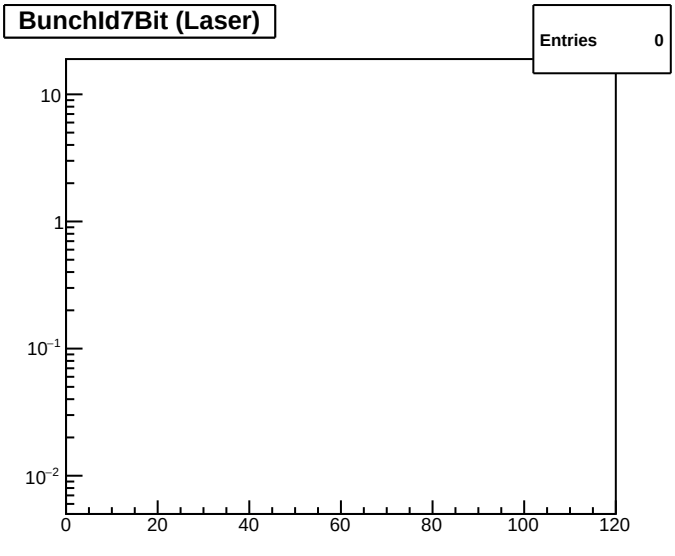
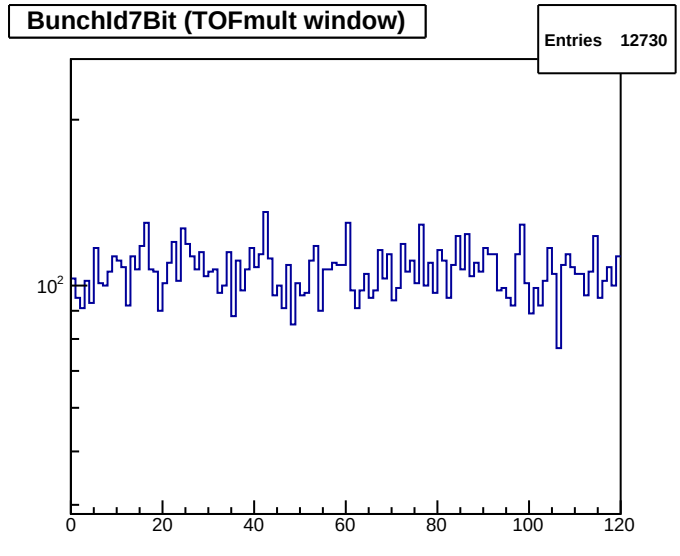

BunchId7Bit (VPD-TAC)
Entries 175265
10^3
0 20 40 60 80 100 120

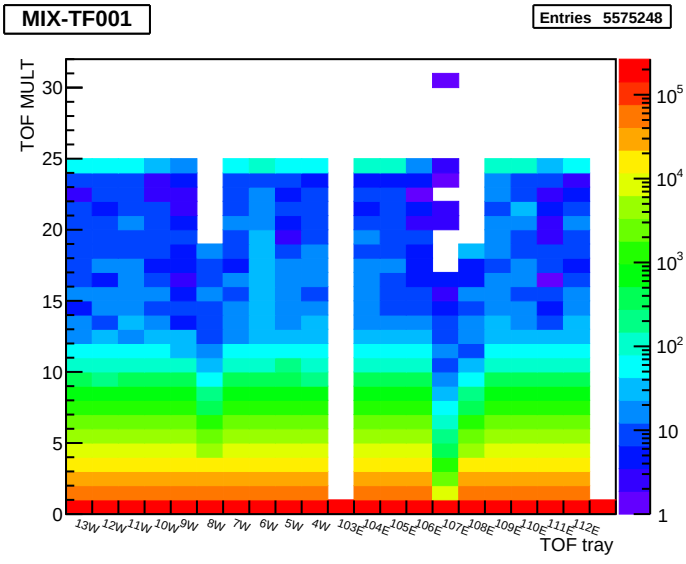

BunchId7Bit (ZDC-TAC)
Entries 1253
10
0 20 40 60 80 100 120

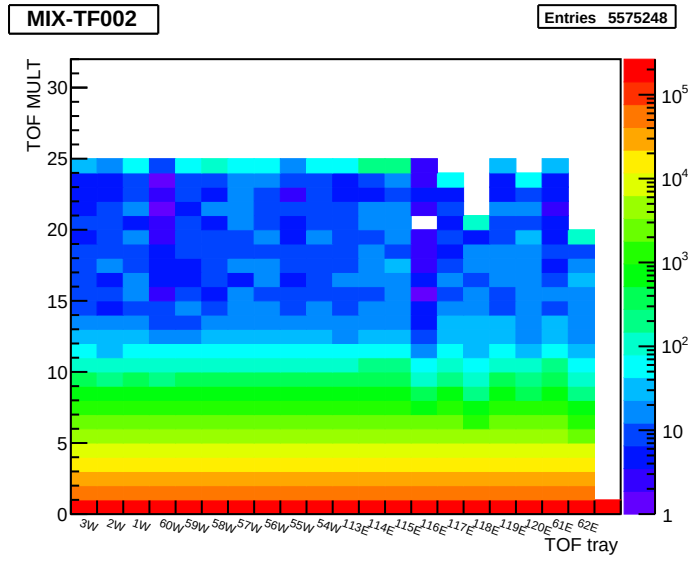

BunchId7Bit (EPD-TAC)
Entries 206867
10^3
0 20 40 60 80 100 120

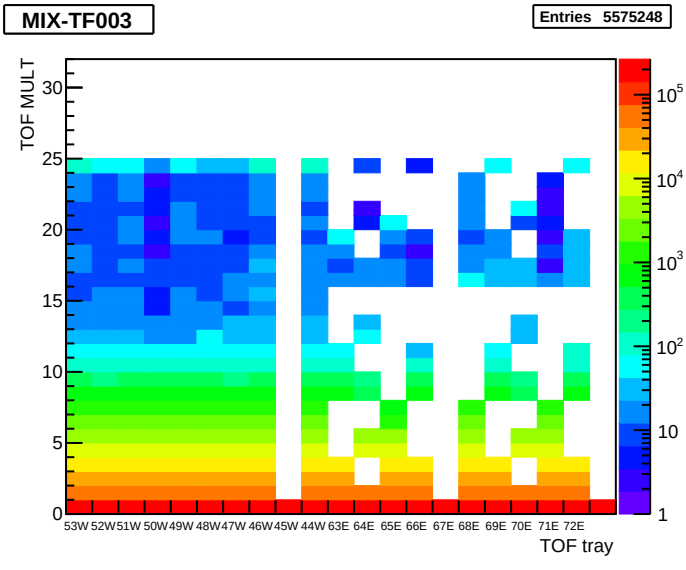

BunchId7Bit (BBC-TAC)
Entries 139410
10^3
0 20 40 60 80 100 120

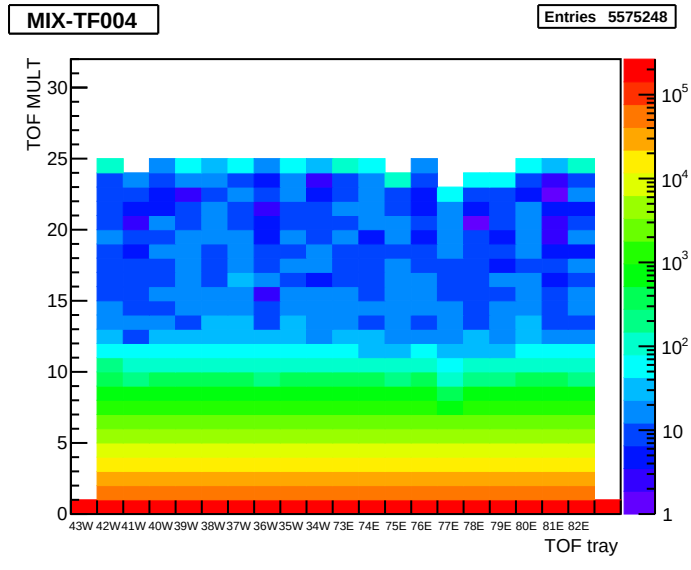

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

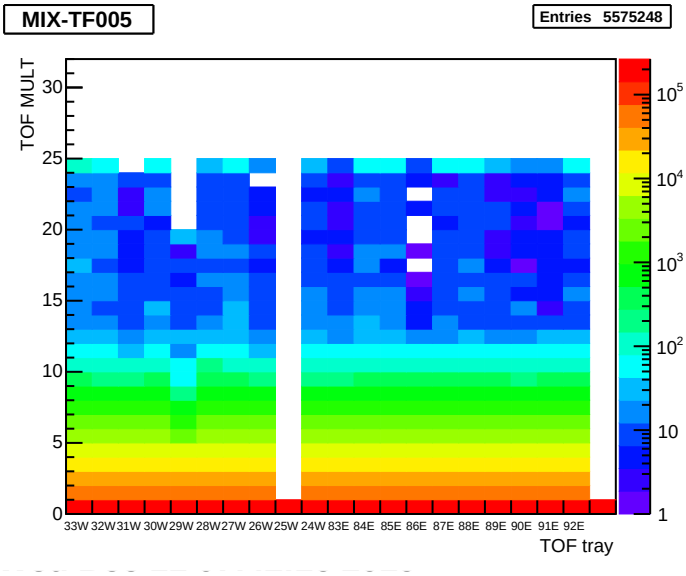

BunchId7Bit (TOFmult window)
Entries 12730
10^2
0 20 40 60 80 100 120

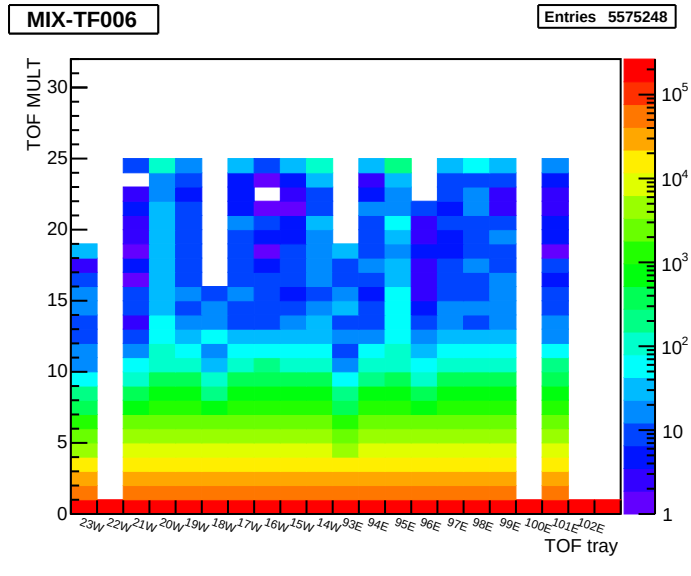

MIX-TF001
Entries 5575248
TOF MULT
TOF tray

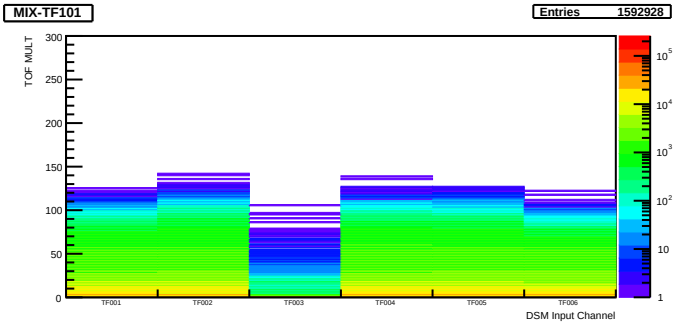

MIX-TF002
Entries 5575248
TOF MULT
TOF tray

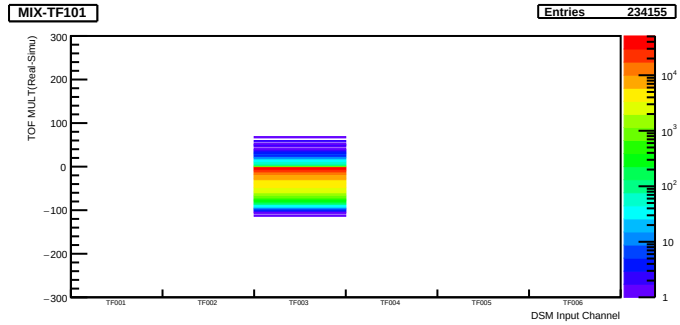

MIX-TF003
Entries 5575248
TOF MULT
TOF tray

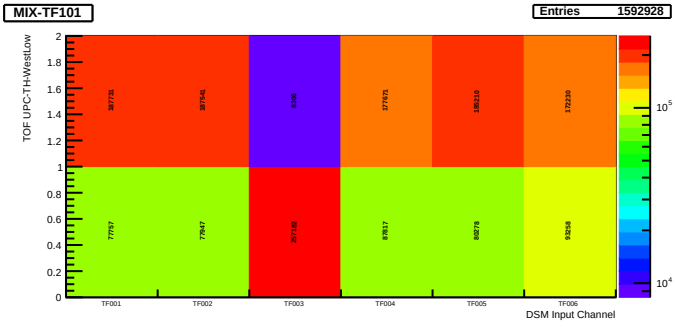

MIX-TF004
Entries 5575248
TOF MULT
TOF tray

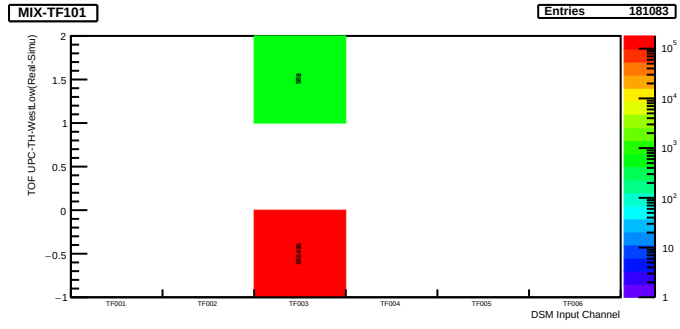

MIX-TF005
Entries 5575248
TOF MULT
TOF tray

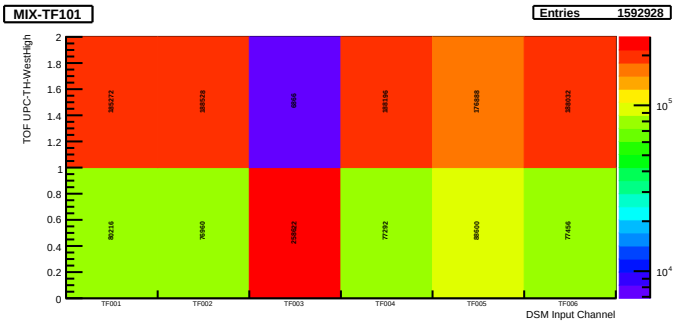

MIX-TF006
Entries 5575248
TOF MULT
TOF tray

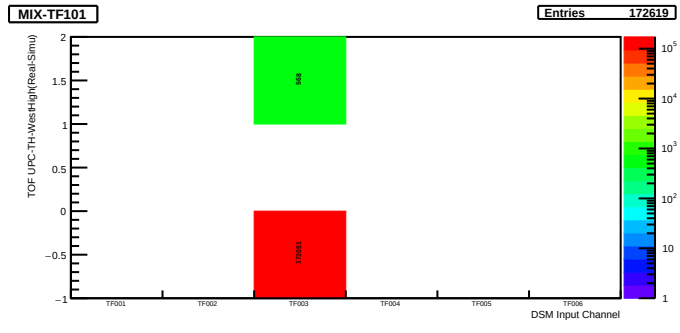

MIX-TF101
Entries 1592928
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

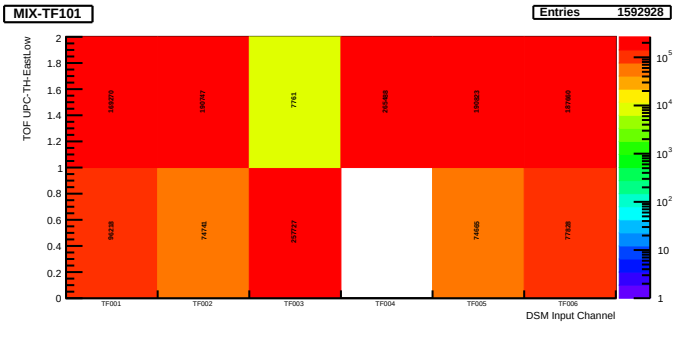

MIX-TF101
Entries 234155
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

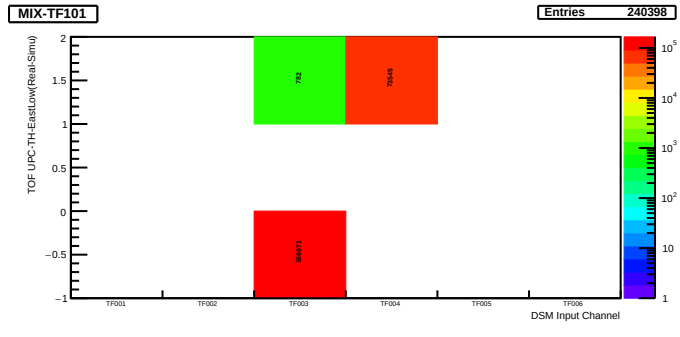

MIX-TF101
Entries 1592928
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

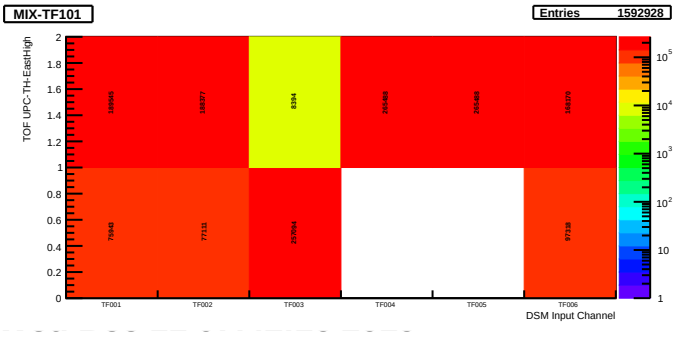

MIX-TF101
Entries 181083
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

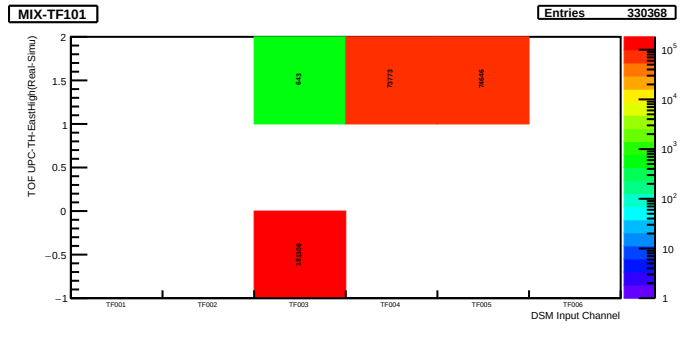

MIX-TF101
Entries 1592928
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

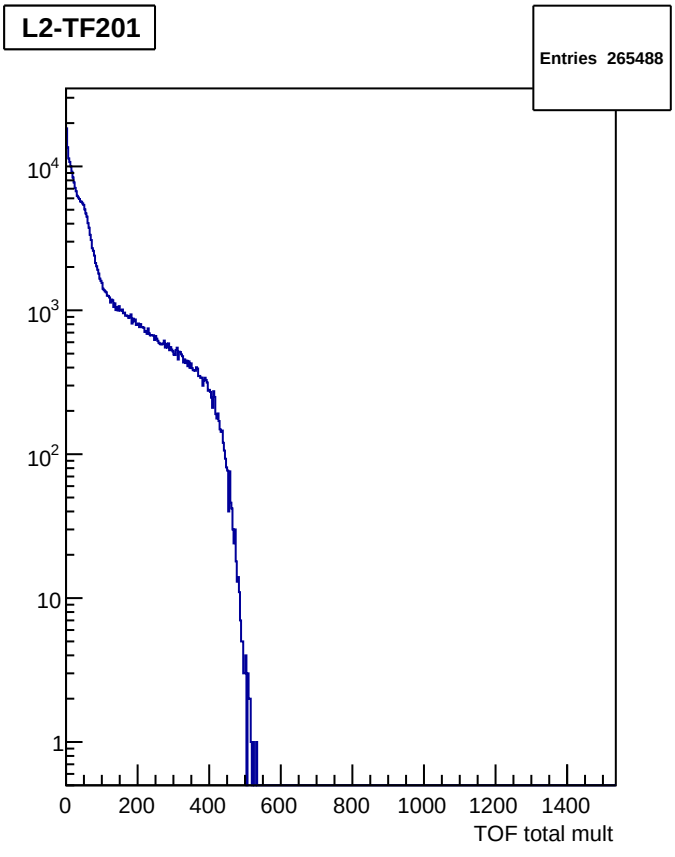

MIX-TF101
Entries 172619
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

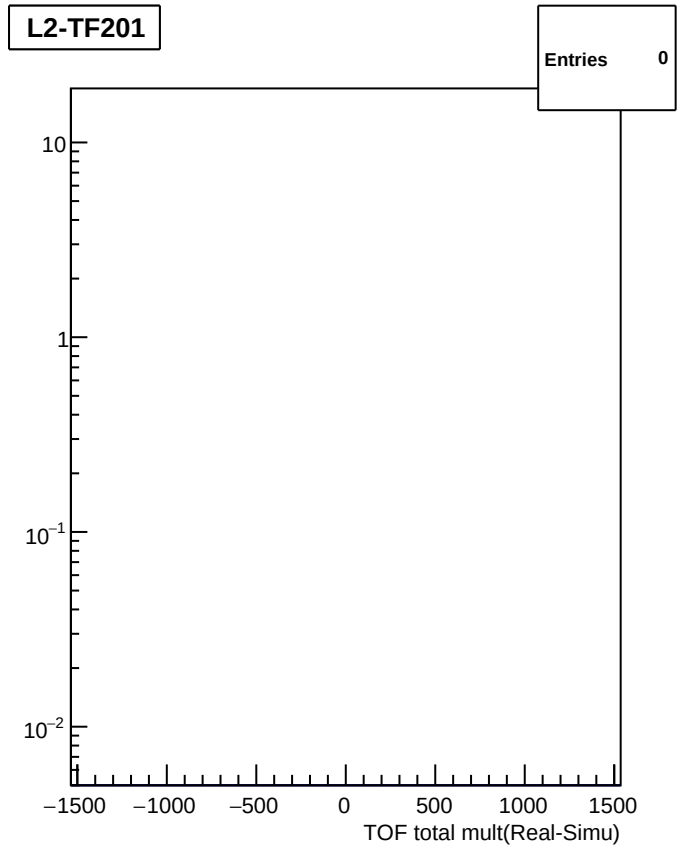

MIX-TF101
Entries 1592928
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

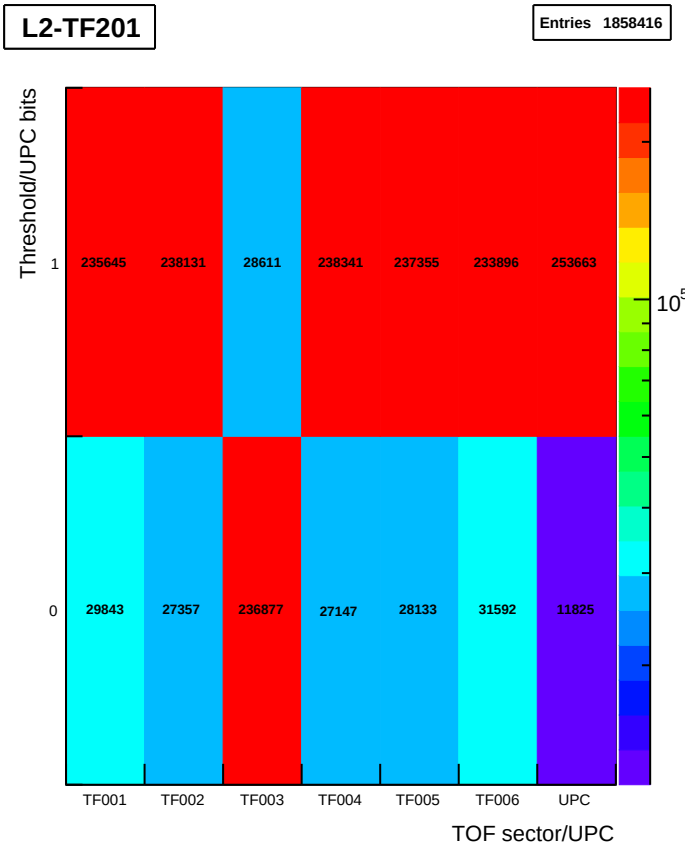

MIX-TF101
Entries 240398
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

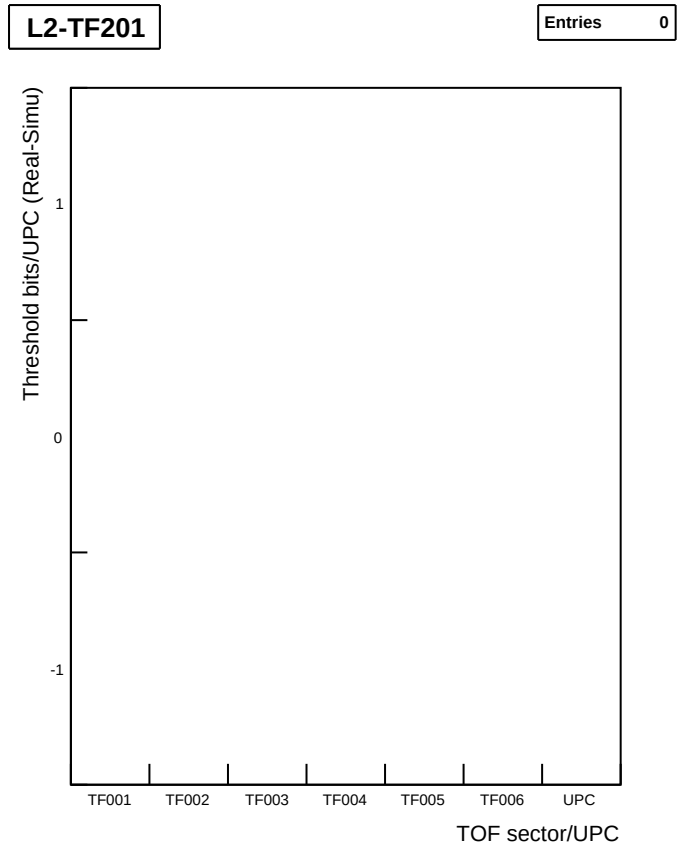

MIX-TF101
Entries 1592928
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

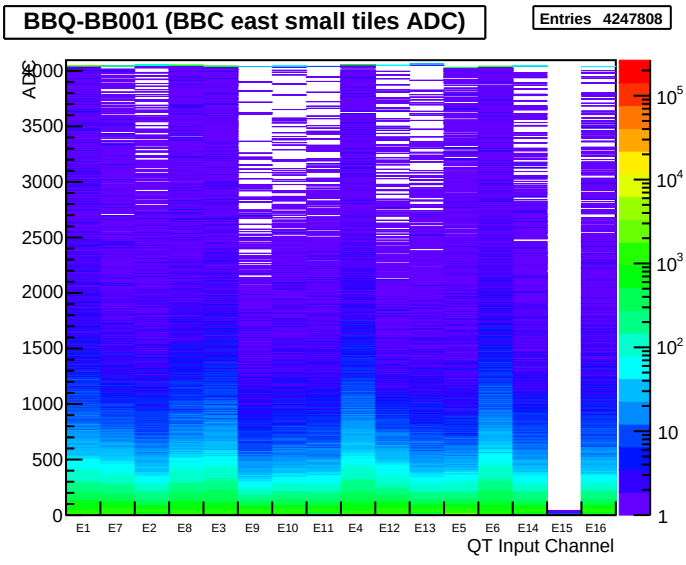

MIX-TF101
Entries 330368
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

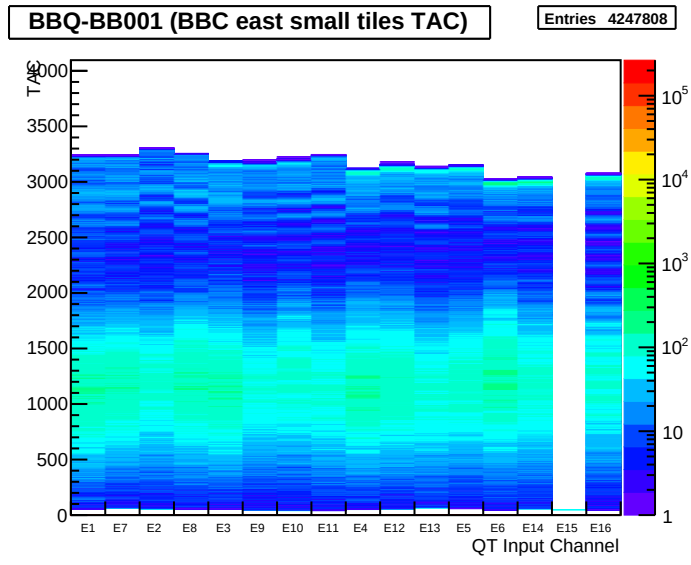

L2-TF201
Entries 265488
TOF total mult

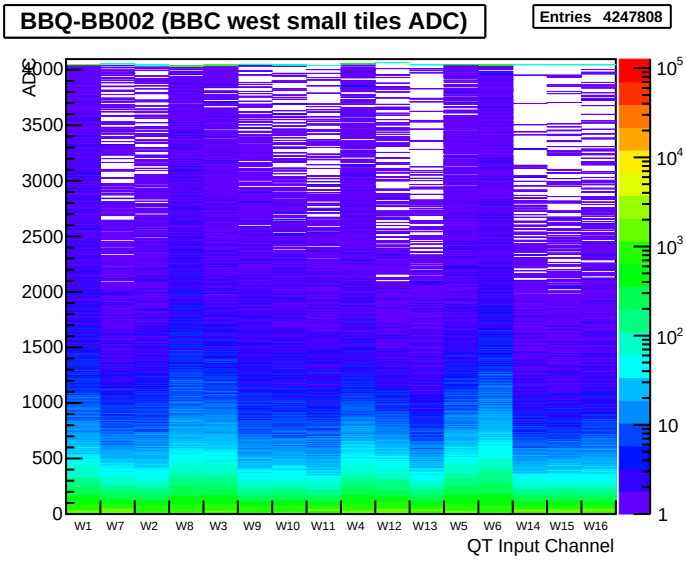

L2-TF201
Entries 0
TOF total mult(Real-Simu)

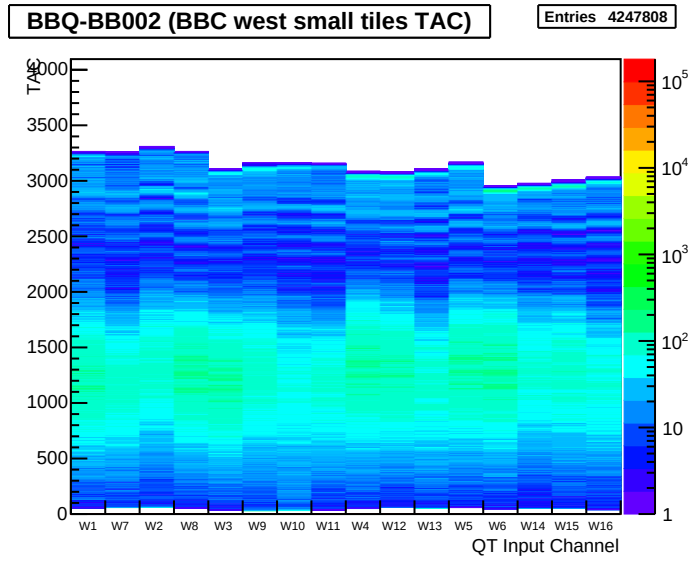

L2-TF201
Entries 1858416
Threshold/UPC bits
235645
238131
28611
238341
237355
233896
253663
29843
27357
236877
27147
28133
31592
11825
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

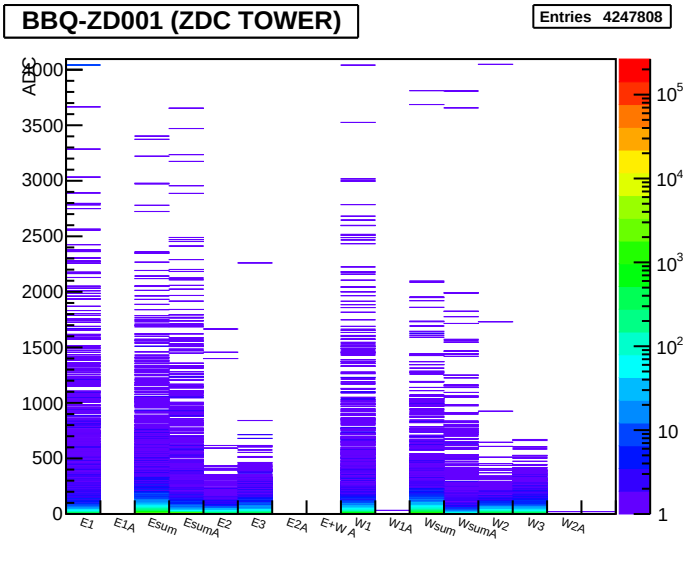

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

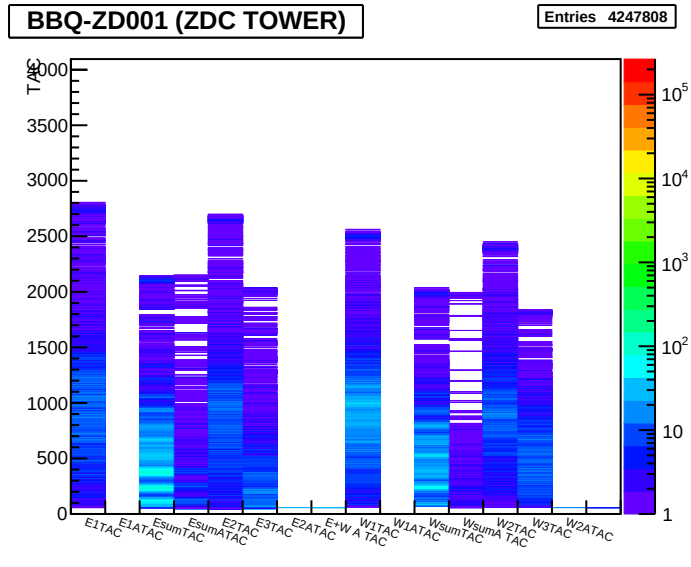

BBQ-BB001 (BBC east small tiles ADC)
Entries 4247808
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

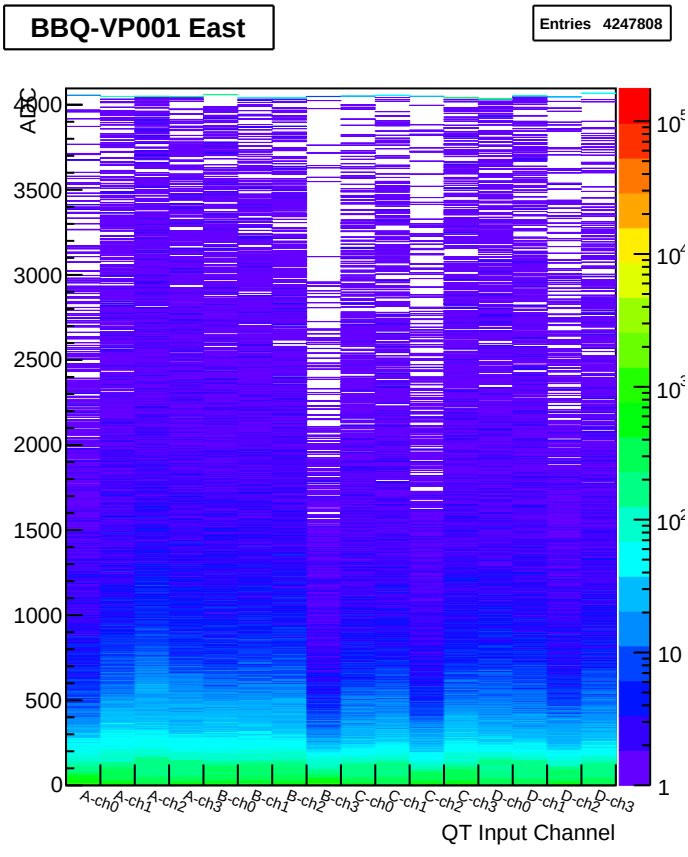

BBQ-BB001 (BBC east small tiles TAC)
Entries 4247808
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

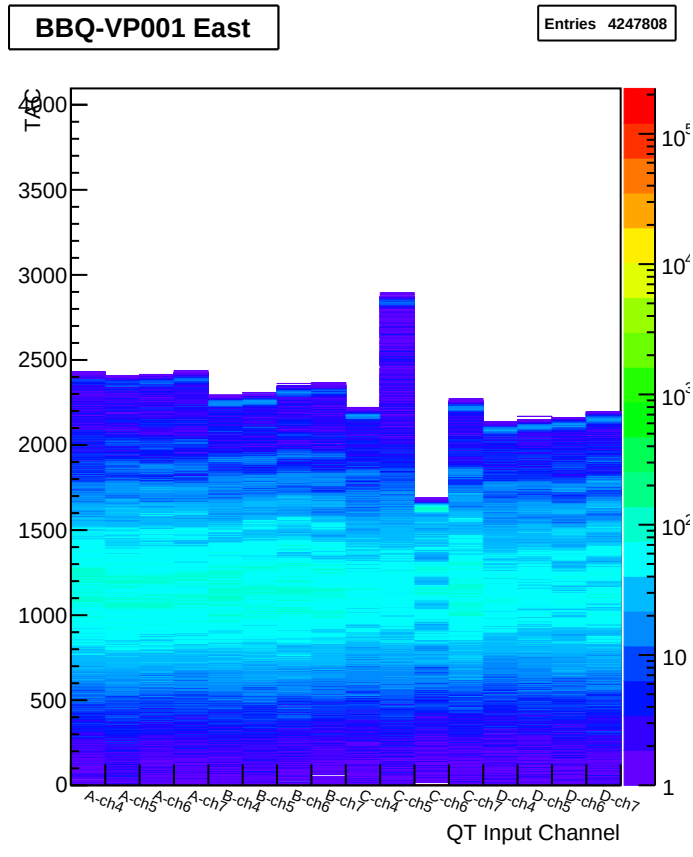

BBQ-BB002 (BBC west small tiles ADC)
Entries 4247808
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

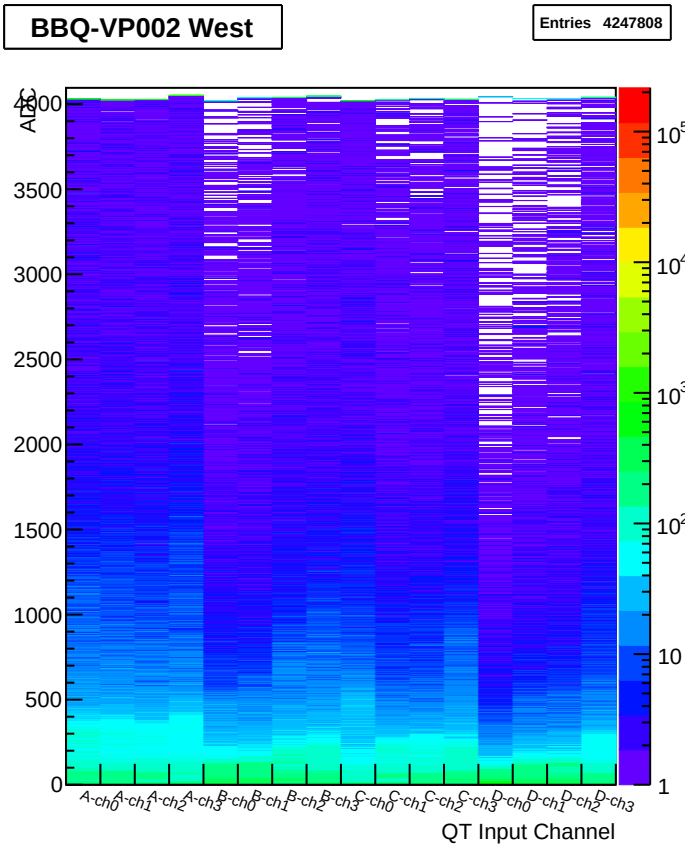

BBQ-BB002 (BBC west small tiles TAC)
Entries 4247808
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

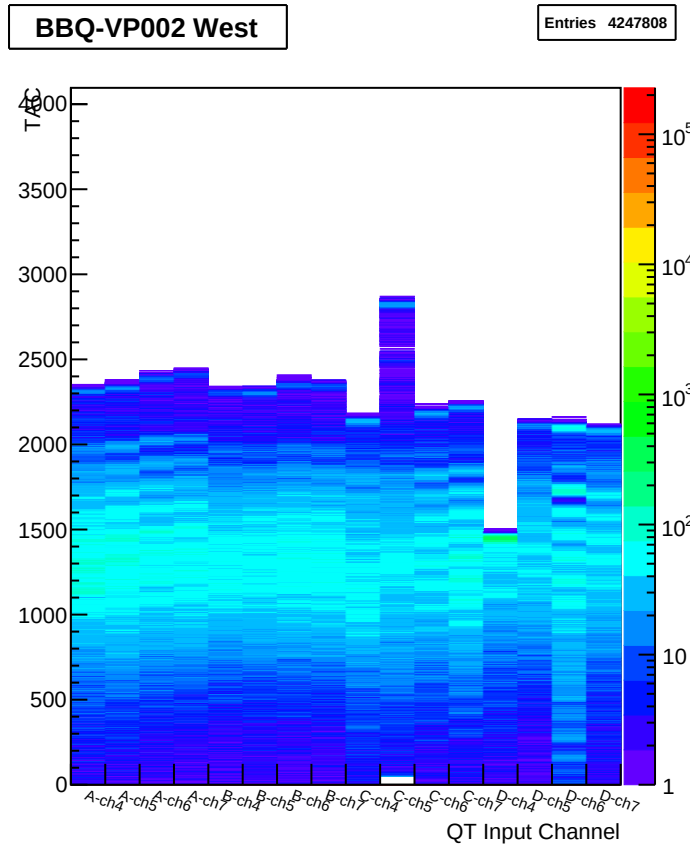

BBQ-ZD001 (ZDC TOWER)
Entries 4247808
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

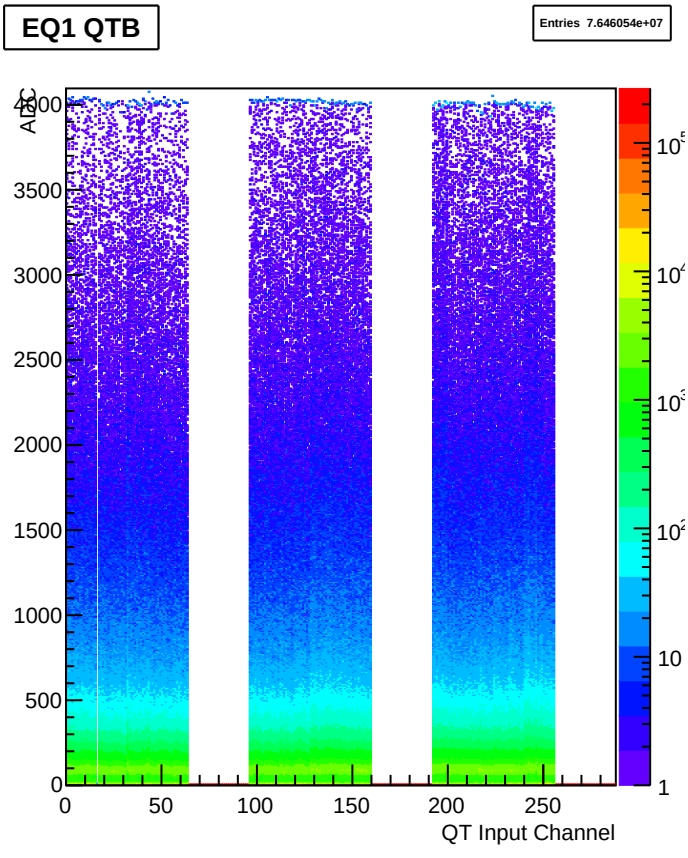

BBQ-ZD001 (ZDC TOWER)
Entries 4247808
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

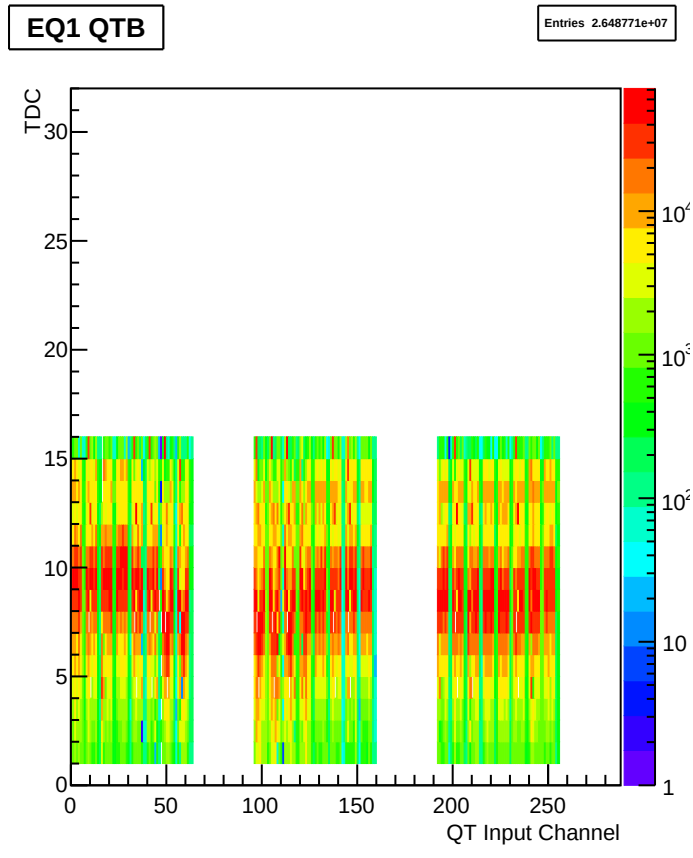

BBQ-VP001 East
Entries 4247808
ADC
QT Input Channel

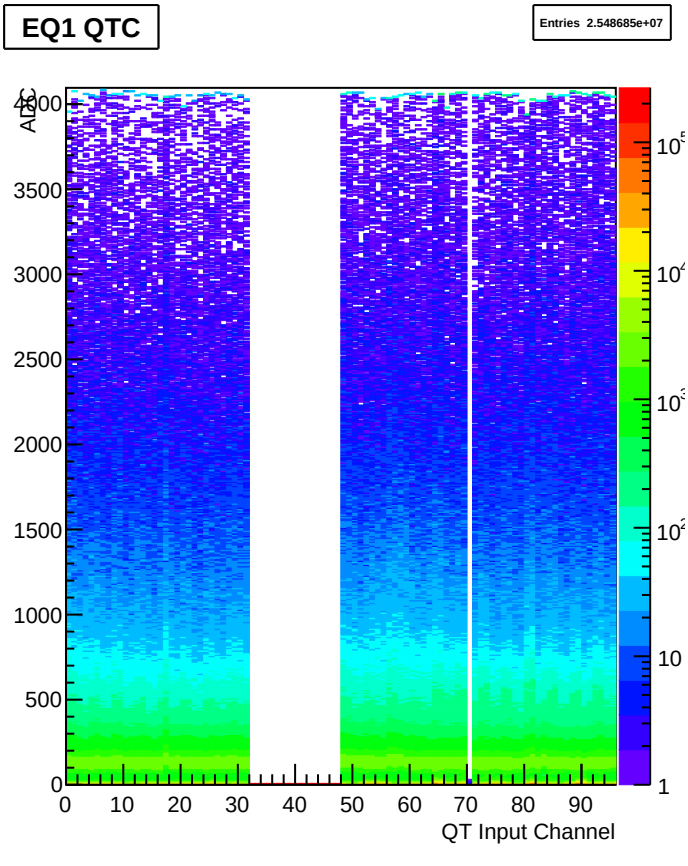

BBQ-VP001 East
Entries 4247808
TADC
QT Input Channel

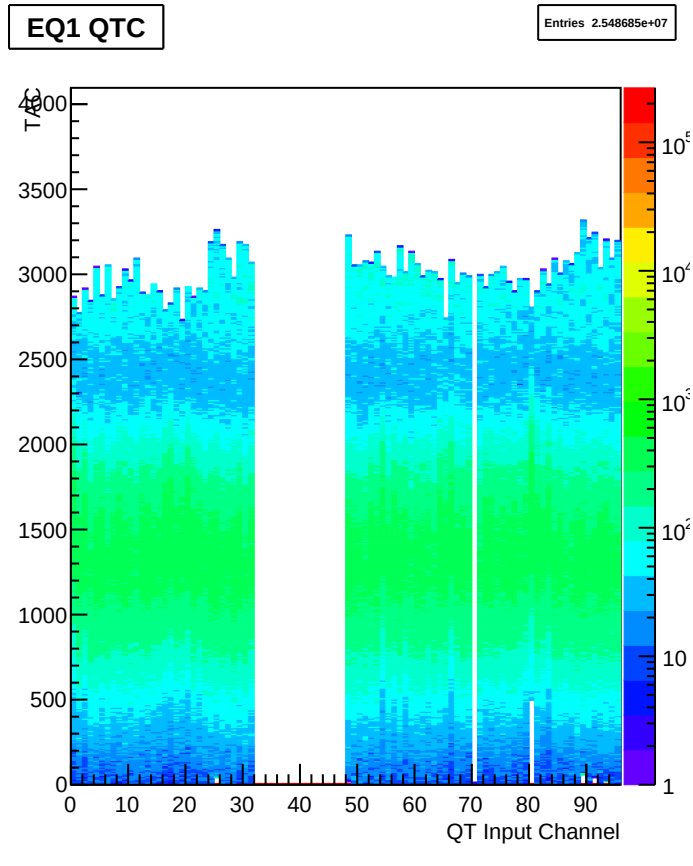

BBQ-VP002 West
Entries 4247808
ADC
QT Input Channel

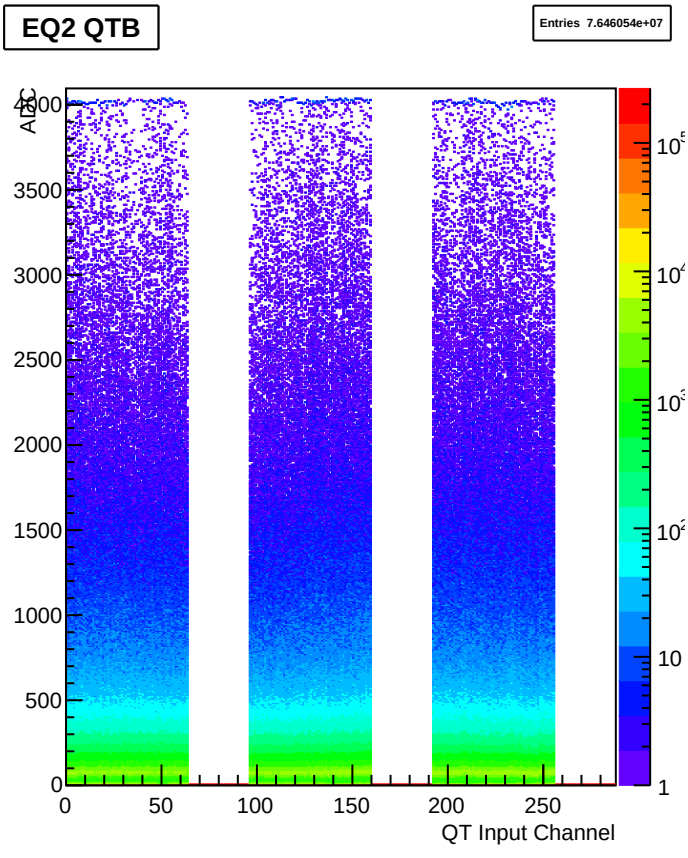

BBQ-VP002 West
Entries 4247808
TADC
QT Input Channel

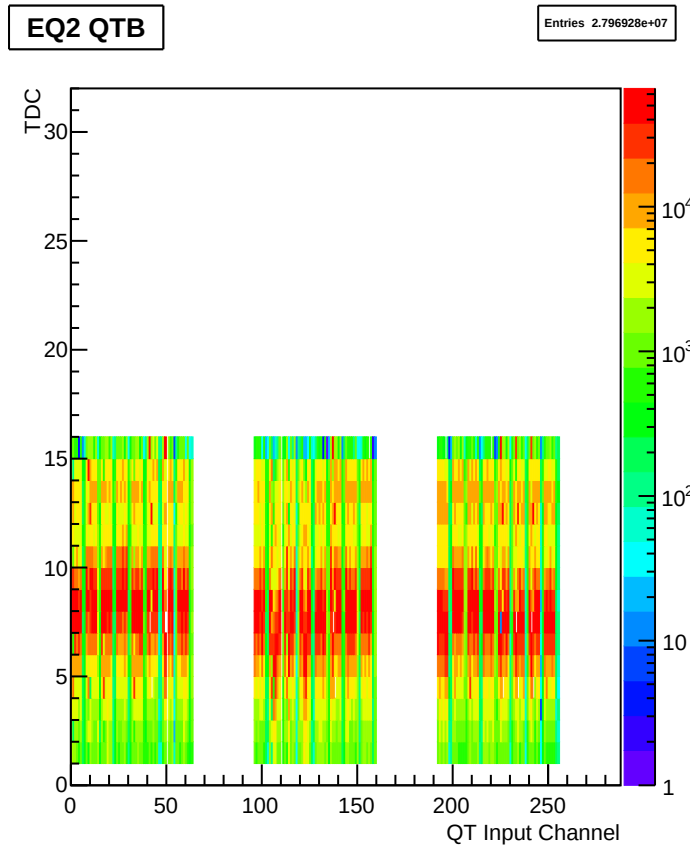

EQ1 QTB
Entries 7.646054e+07
ADC
QT Input Channel

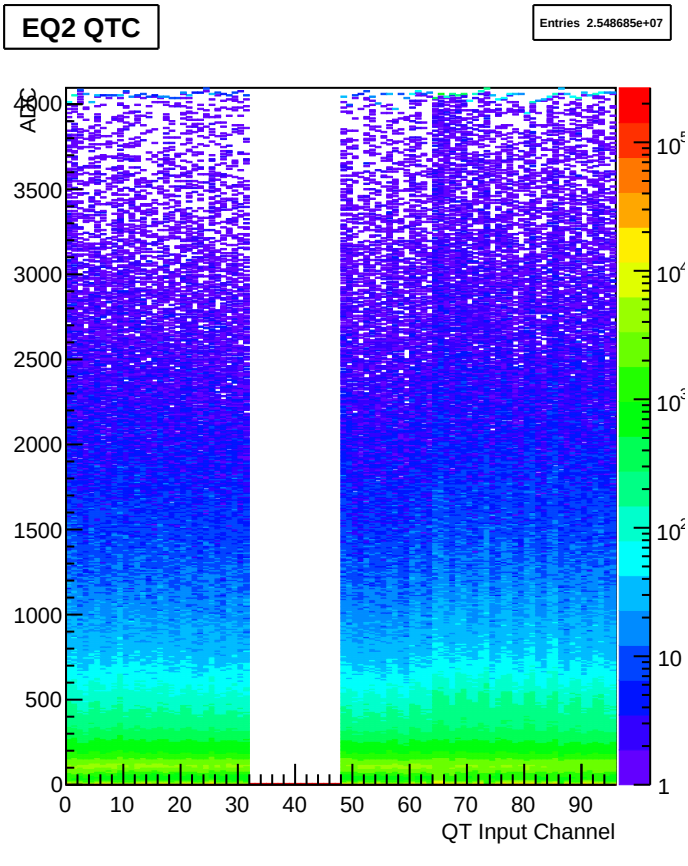

EQ1 QTB
Entries 2.648771e+07
TDC
QT Input Channel

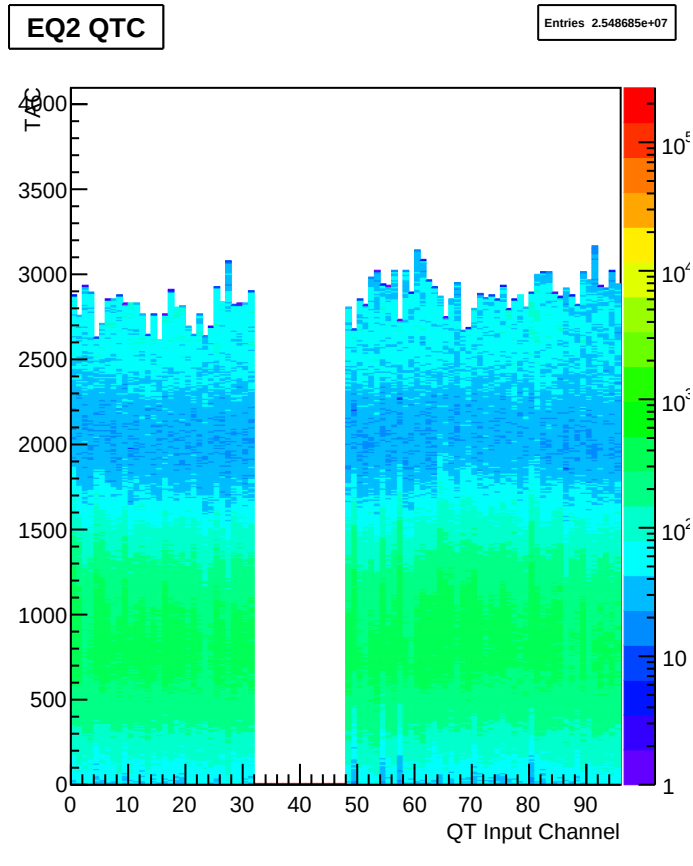

EQ1 QTC
Entries 2.548685e+07
ADC
QT Input Channel

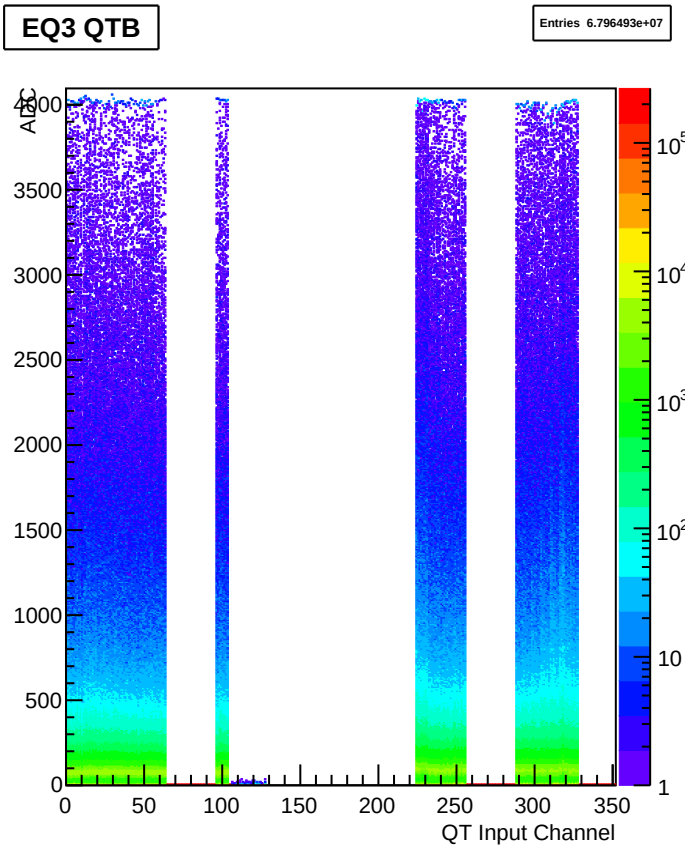

EQ1 QTC
Entries 2.548685e+07
TADC
QT Input Channel

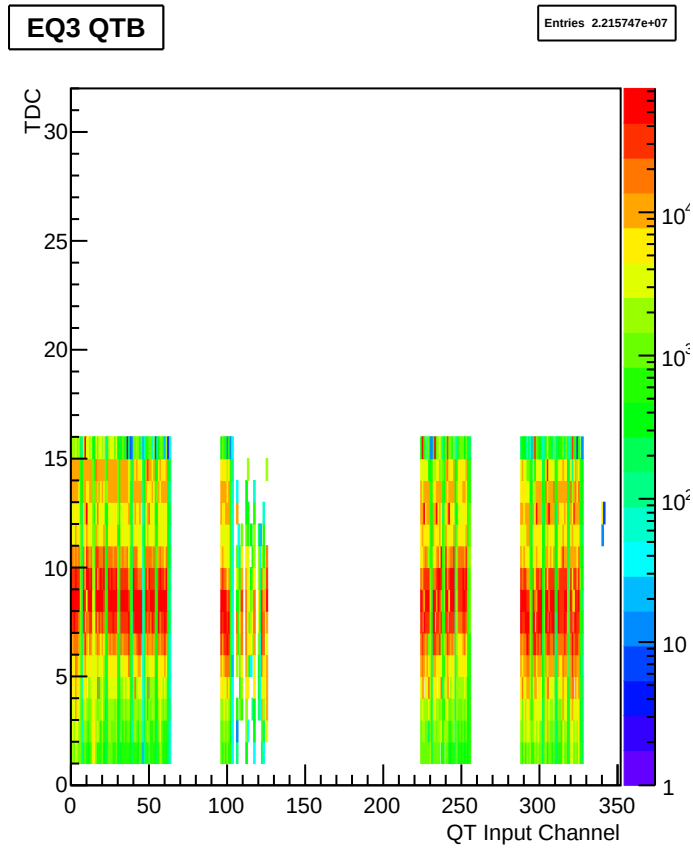

EQ2 QTB
Entries 7.646054e+07
ADC
QT Input Channel

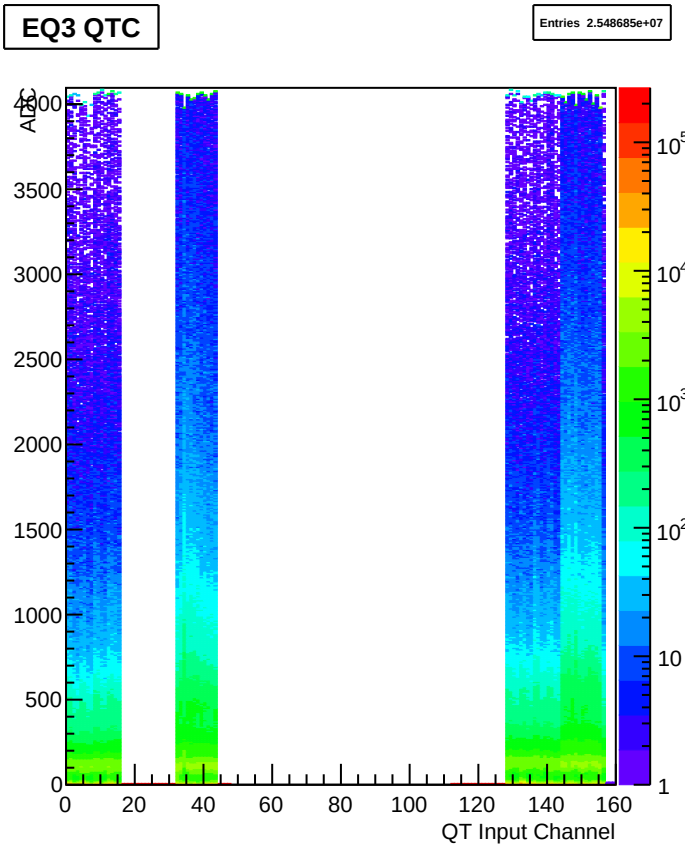

EQ2 QTB
Entries 2.796928e+07
TDC
QT Input Channel

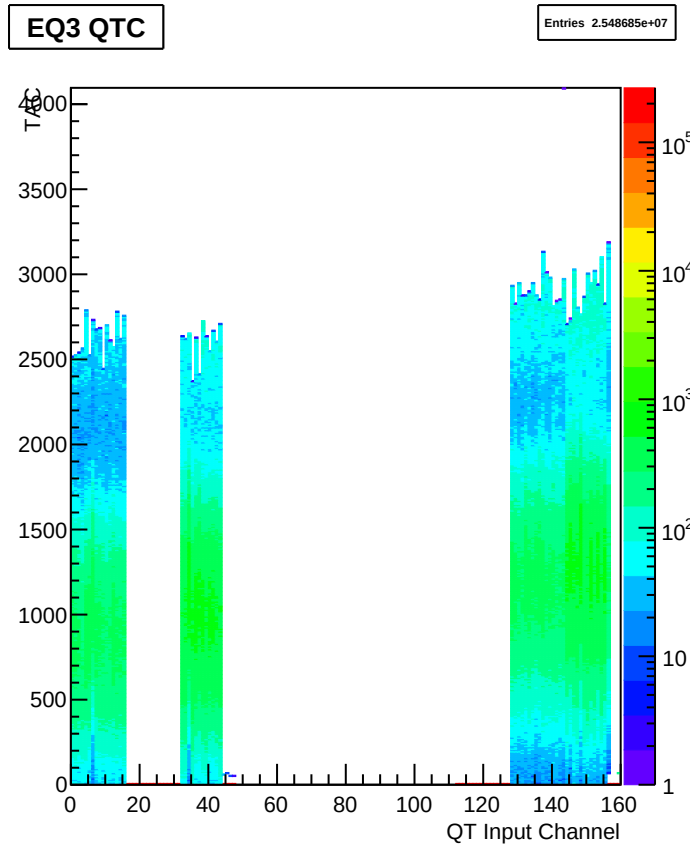

EQ2 QTC
Entries 2.548685e+07
ADC
QT Input Channel

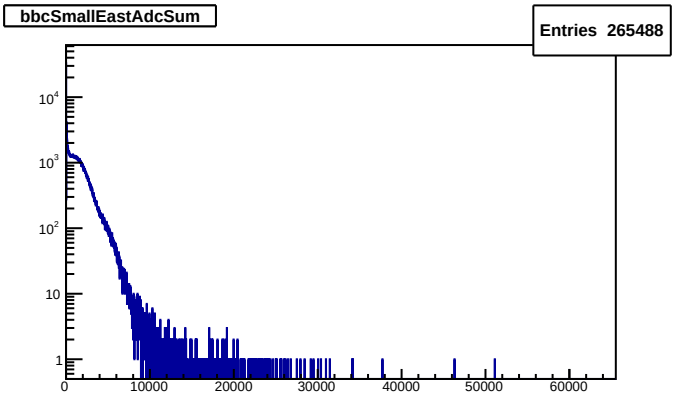

EQ2 QTC
Entries 2.548685e+07
TADC
QT Input Channel

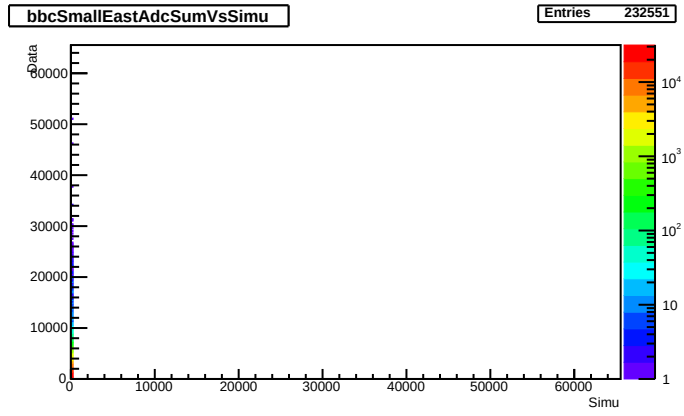

EQ3 QTB
Entries 6.796493e+07
ADC
QT Input Channel

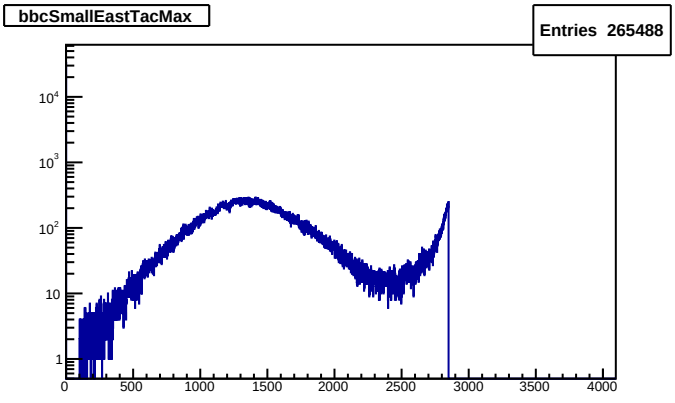

EQ3 QTB
Entries 2.215747e+07
TDC
QT Input Channel

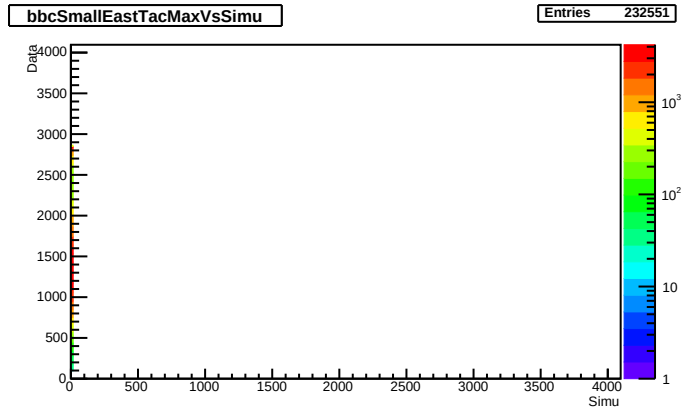

EQ3 QTC
Entries 2.548685e+07
ADC
QT Input Channel

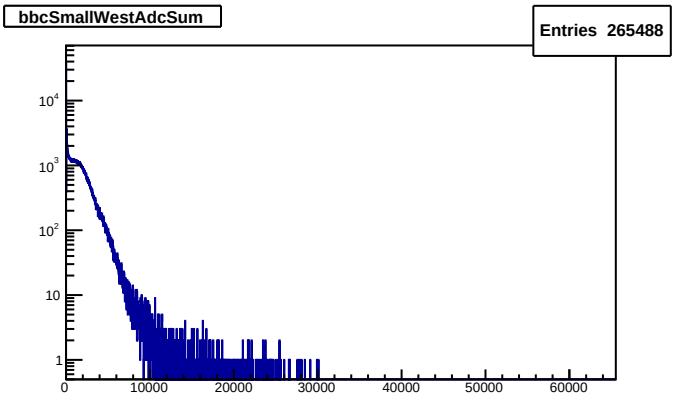

EQ3 QTC
Entries 2.548685e+07
TADC
QT Input Channel

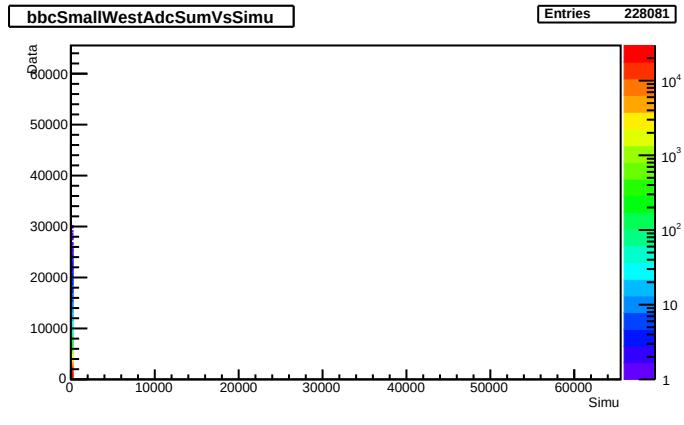

bbcSmallEastAdcSum
Entries 265488


bbcSmallEastAdcSumVsSimu
Entries 232551
Data
Simu


bbcSmallEastTacMax
Entries 265488


bbcSmallEastTacMaxVsSimu
Entries 232551
Data
Simu


bbcSmallWestAdcSum
Entries 265488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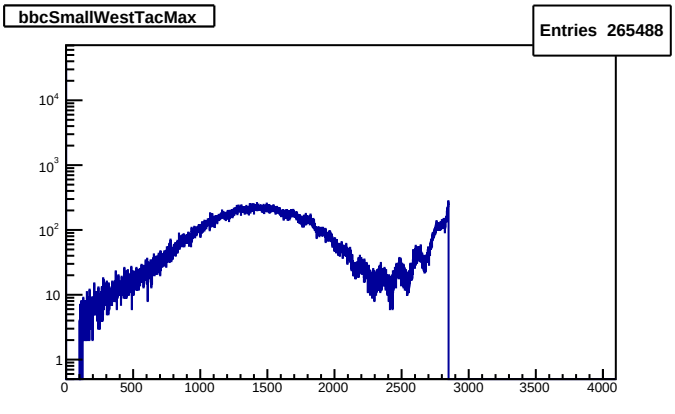
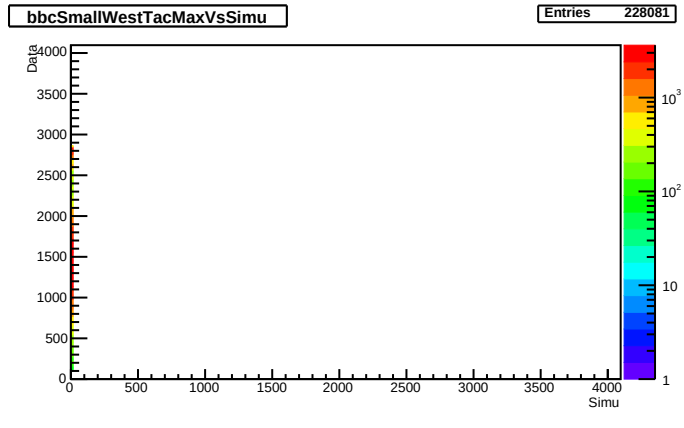
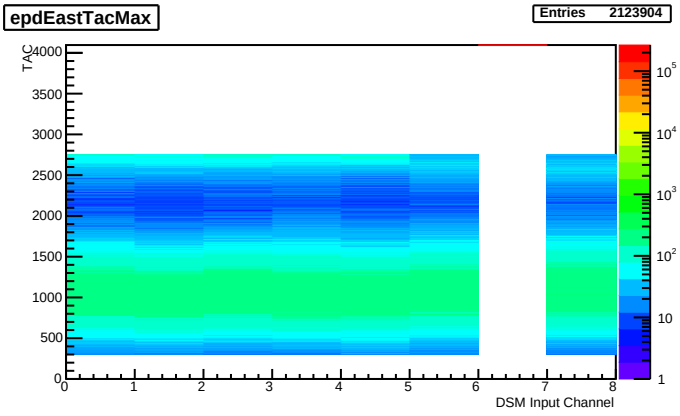
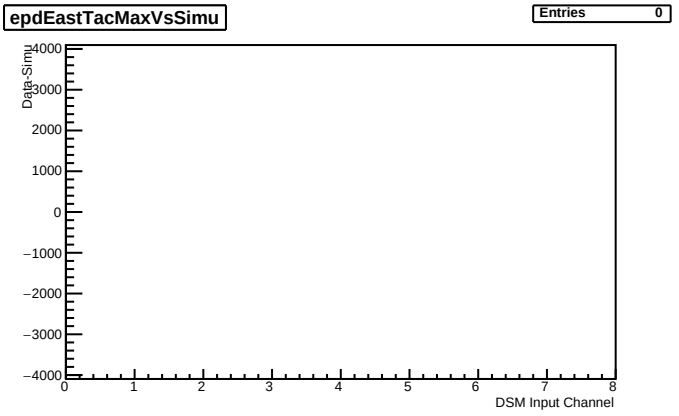
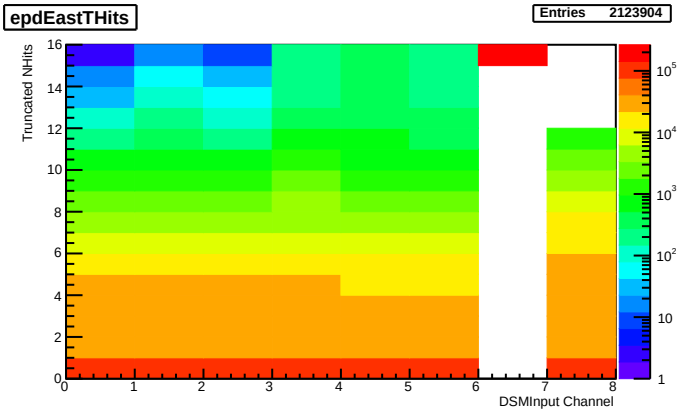
Entries 228081
Data
Simu

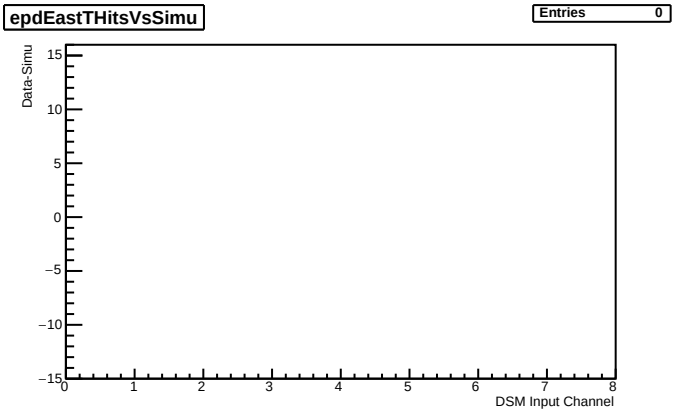

bbcSmallWestTacMax
Entries 265488

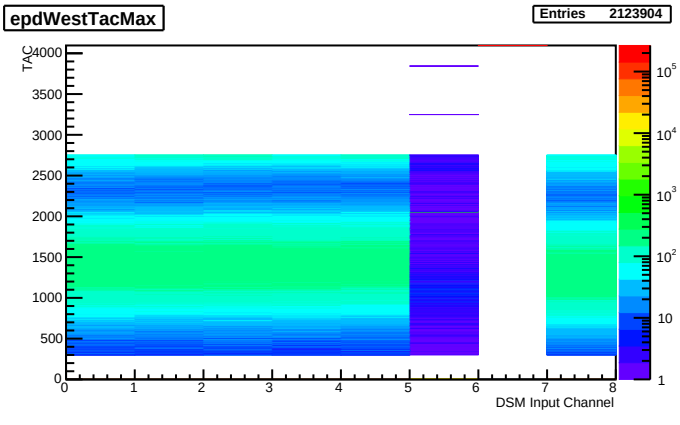

bbcSmallWestTacMaxVsSimu
Entries 228081
Data
Simu


epdEastTacMax
Entries 2123904
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2123904
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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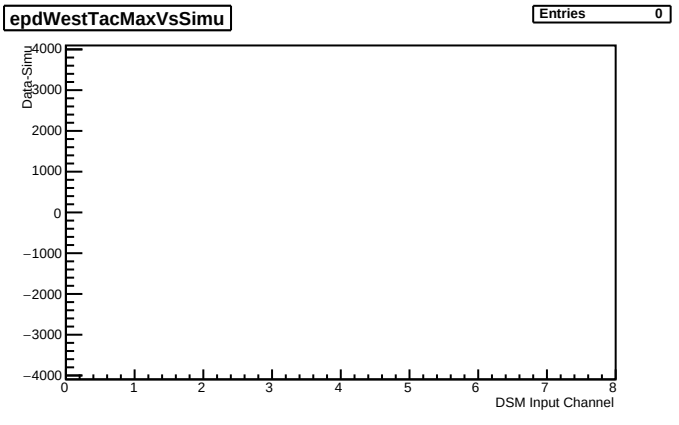
Entries 2123904
TAC
DSM Input Channel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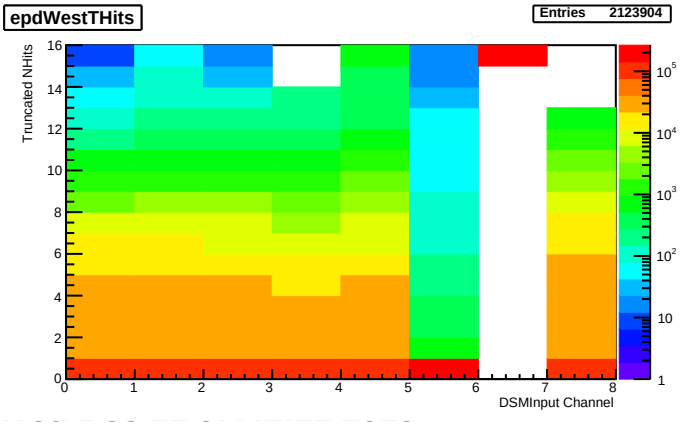
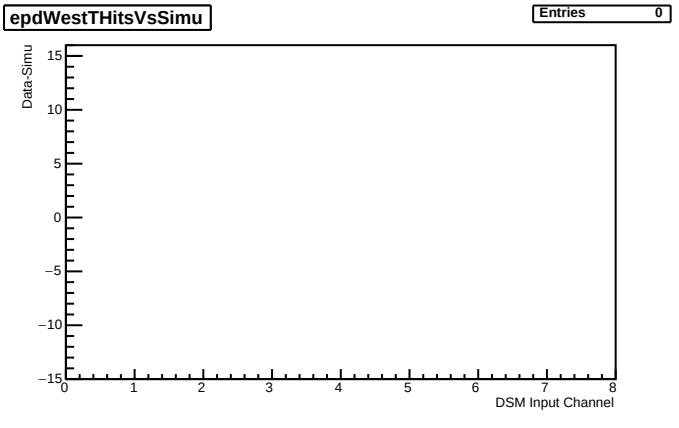
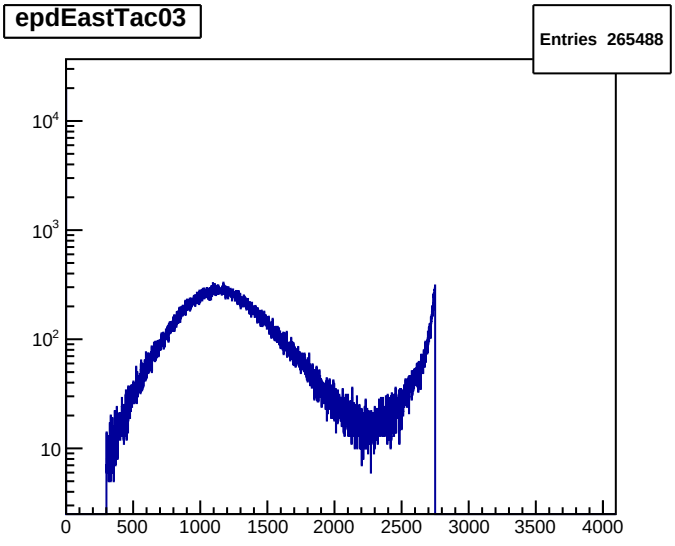
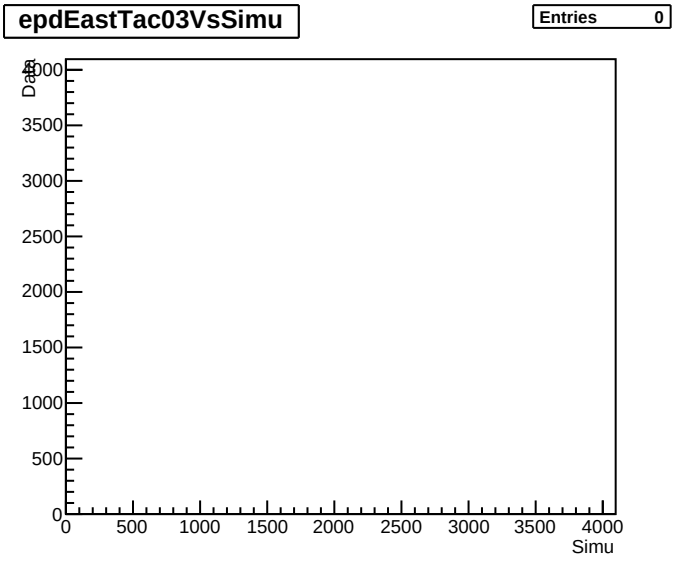
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2123904
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 265488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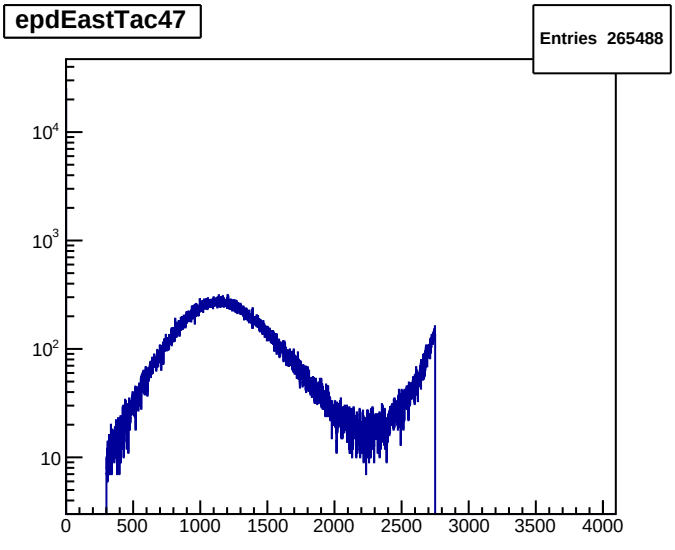
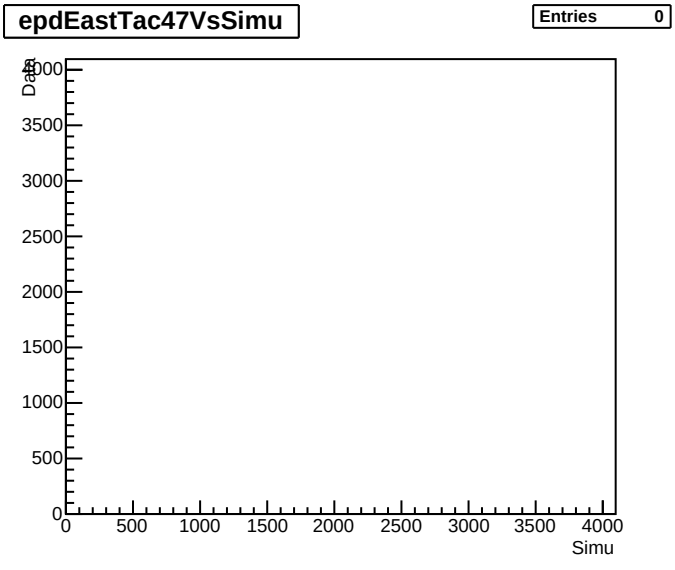
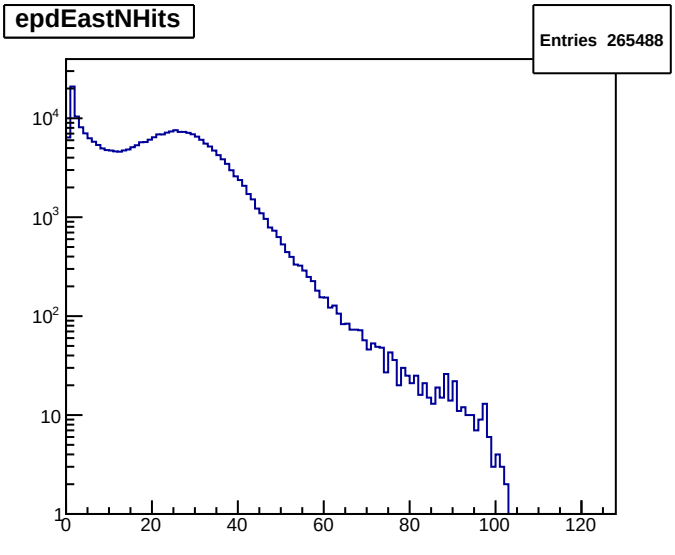
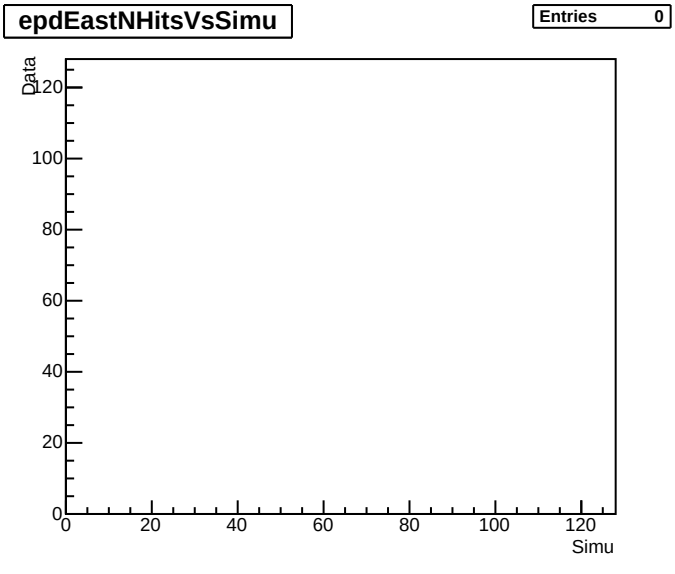
Entries 0
Data
Simu


epdEastTac47
Entries 265488


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 265488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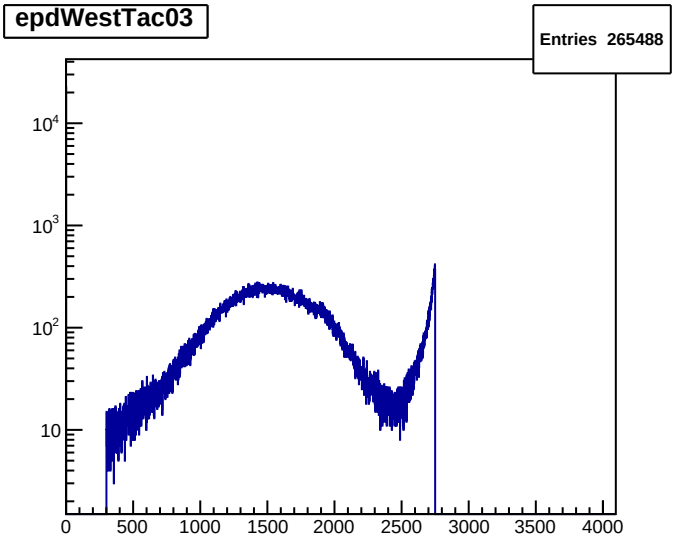
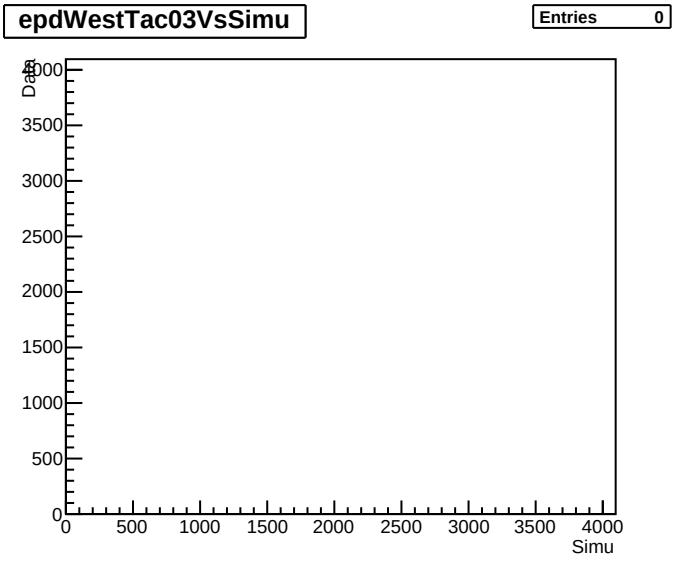
Entries 0
Data
Simu


epdWestTac03
Entries 265488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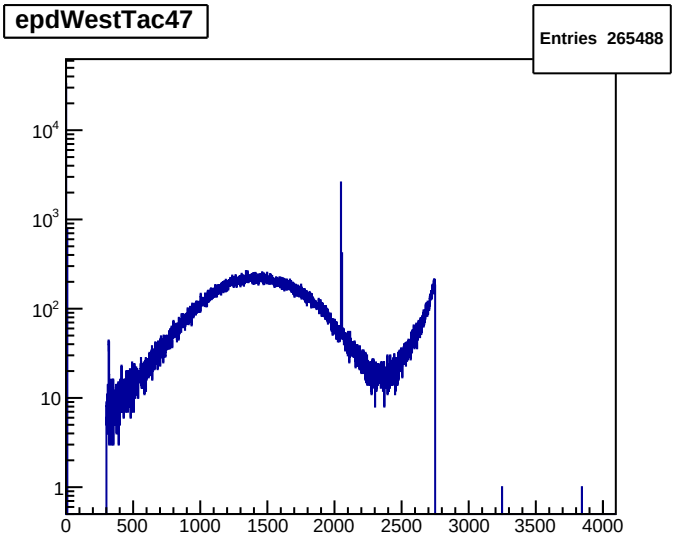
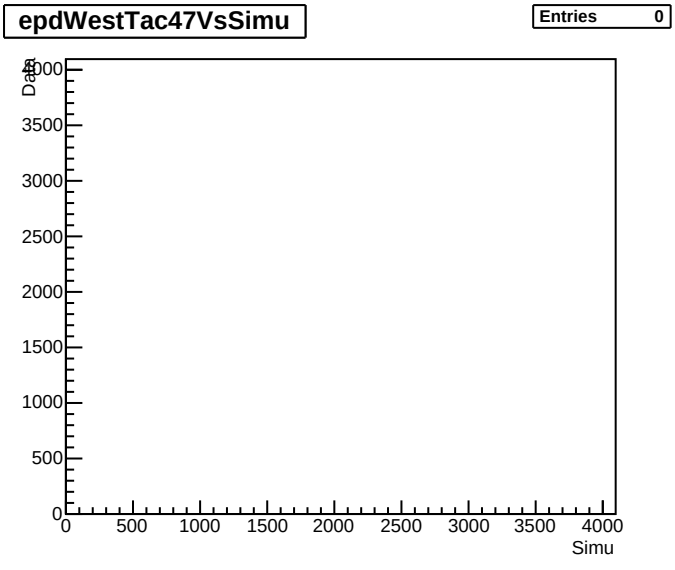
Entries 0
Data
Simu


epdWestTac47
Entries 265488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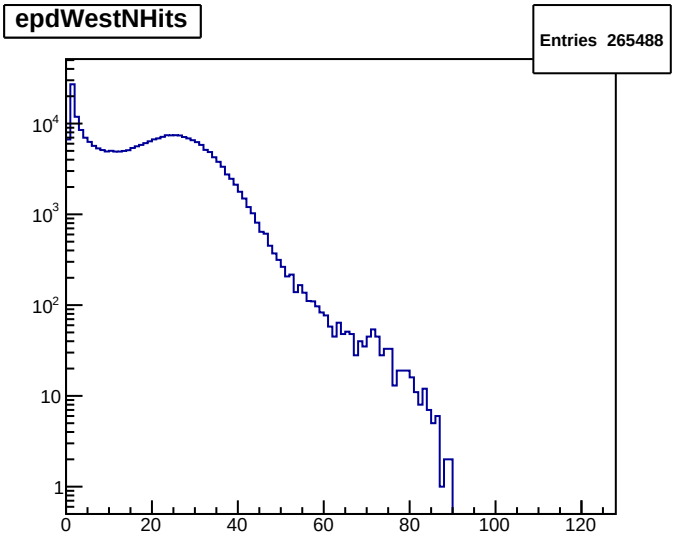
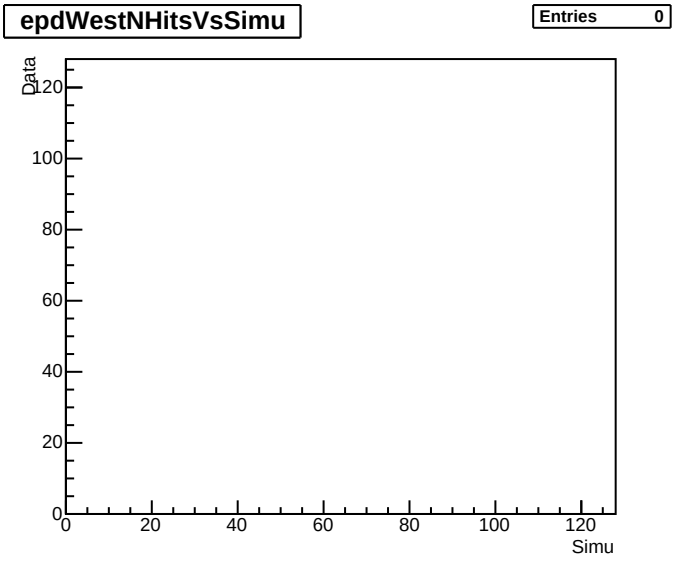
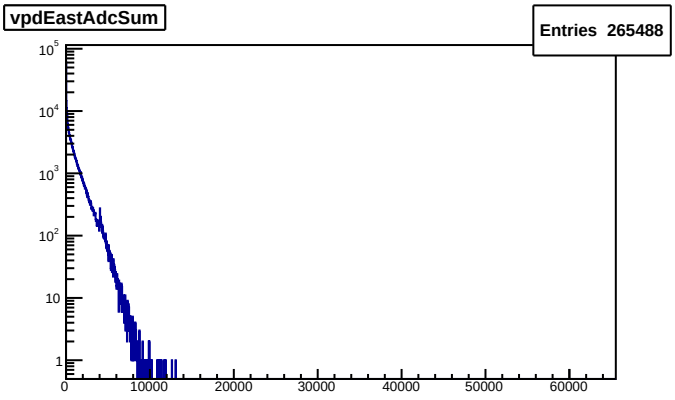
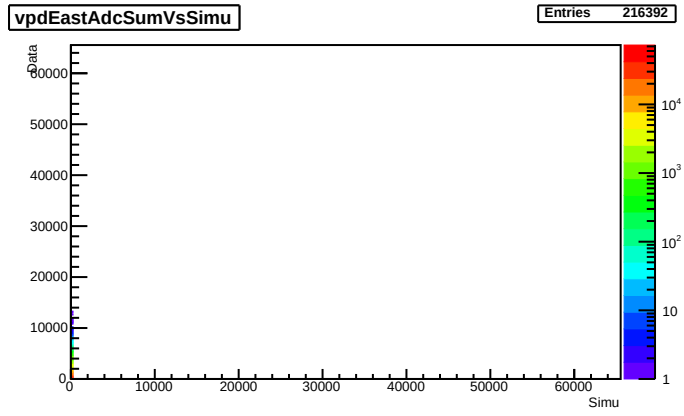
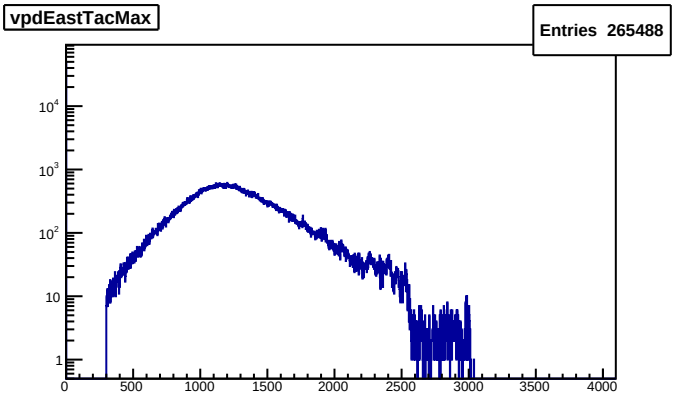
Entries 0
Data
Simu

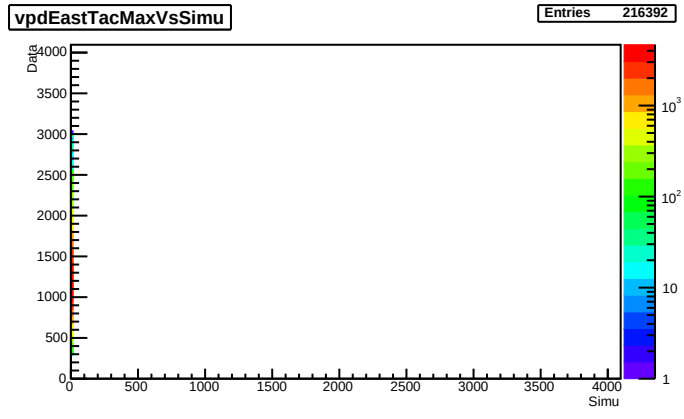

epdWestNHits
Entries 265488

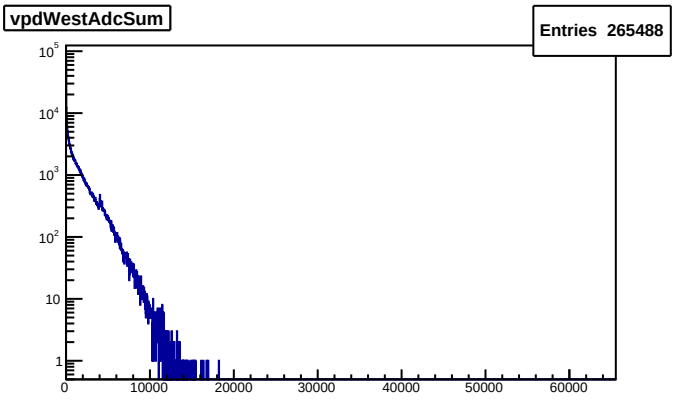

epdWestNHitsVsSimu
Entries 0
Data
Simu

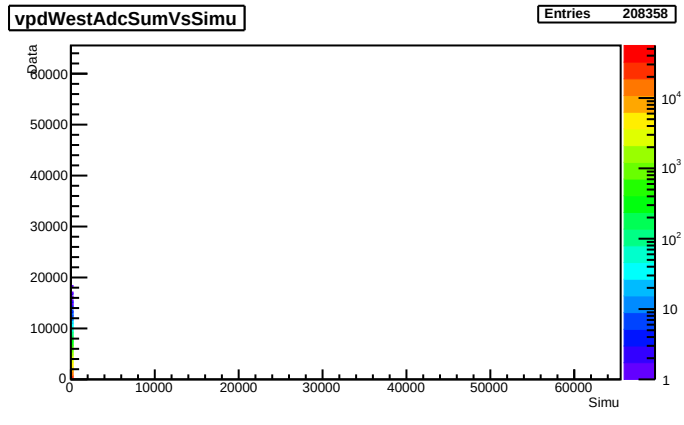

vpdEastAdcSum
Entries 265488

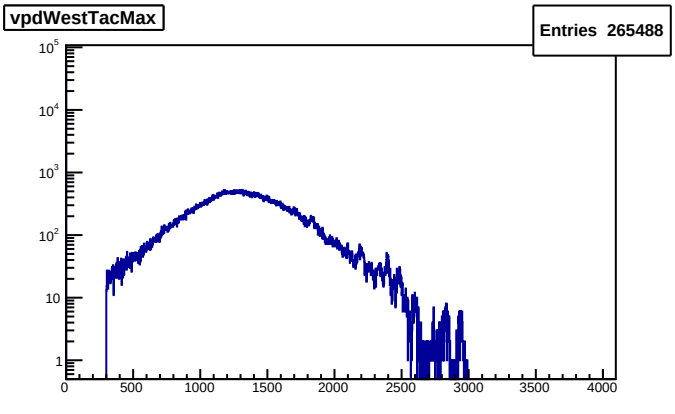

vpdEastAdcSumVsSimu
Entries 216392
Data
Simu

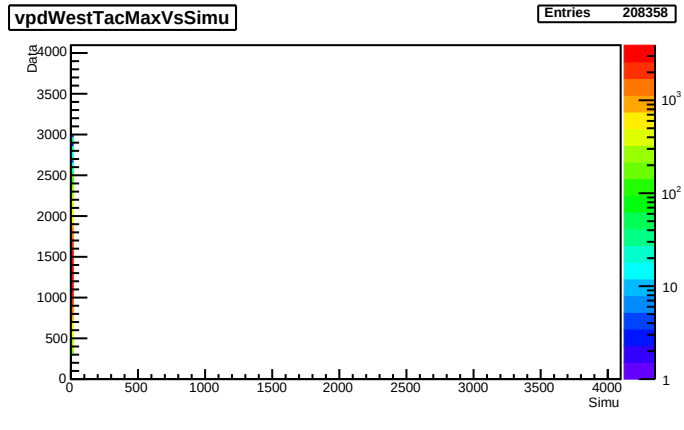

vpdEastTacMax
Entries 265488

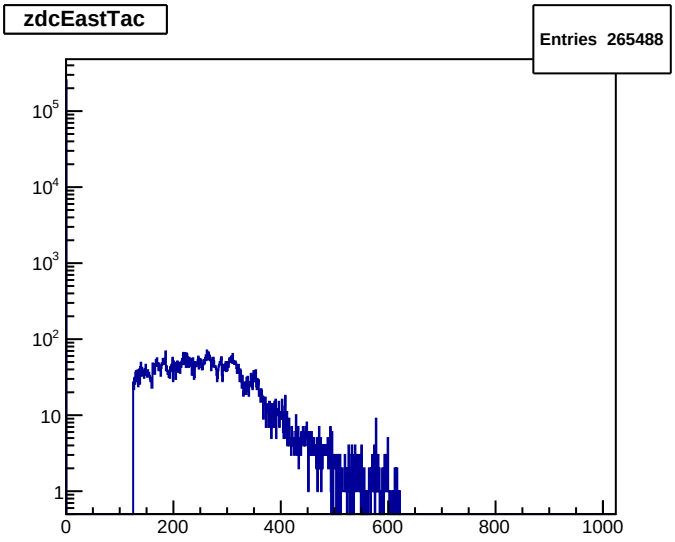

vpdEastTacMaxVsSimu
Entries 216392
Data
Simu

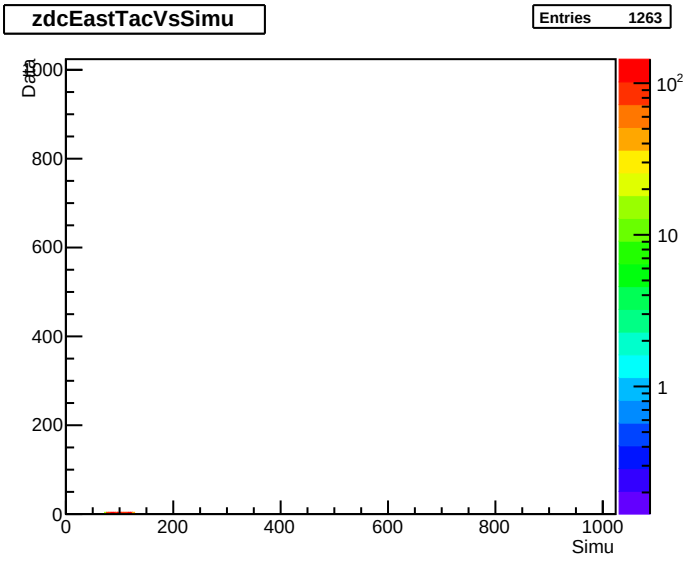

vpdWestAdcSum
Entries 265488

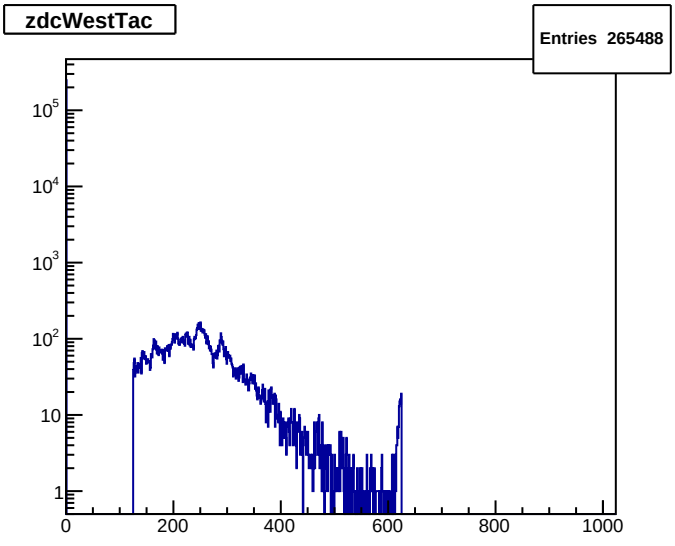

vpdWestAdcSumVsSimu
Entries 208358
Data
Simu

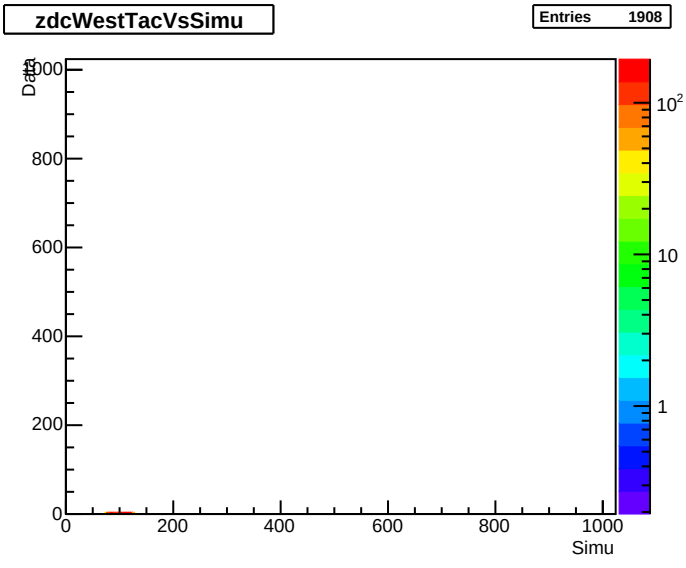

vpdWestTacMax
Entries 265488

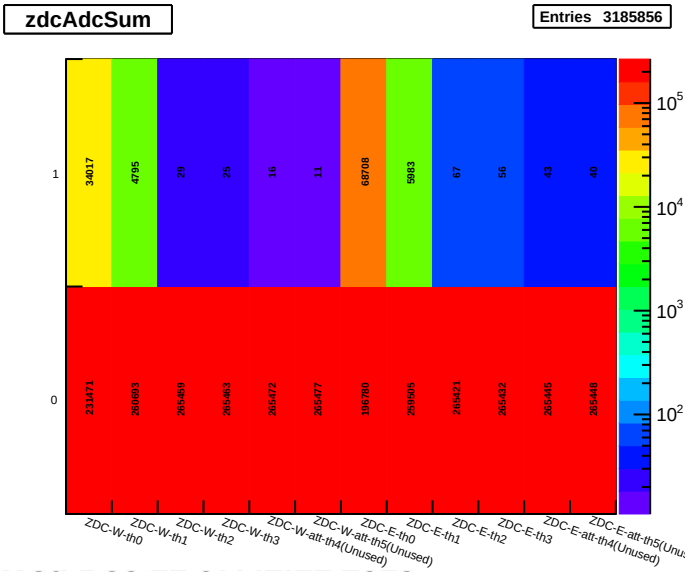

vpdWestTacMaxVsSimu
Entries 208358
Data
Simu

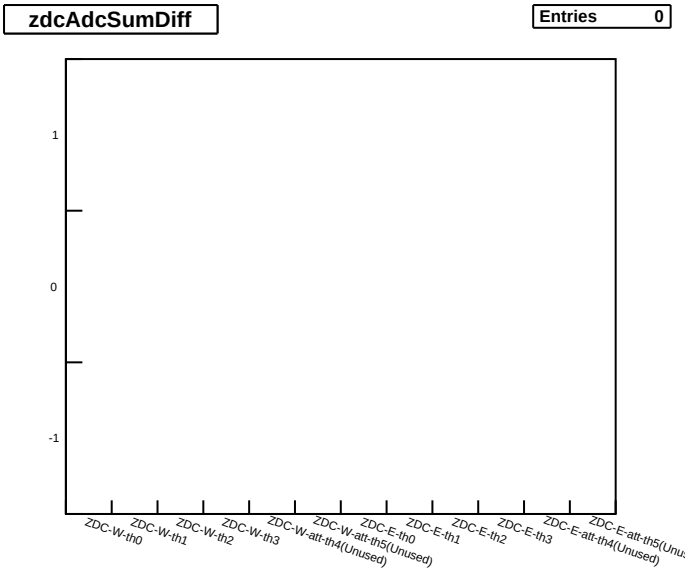

zdcEastTac
Entries 265488

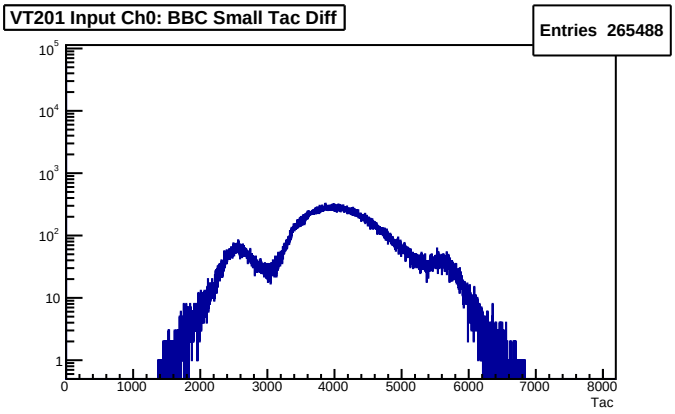

zdcEastTacVsSimu
Entries 1263
Data
Simu

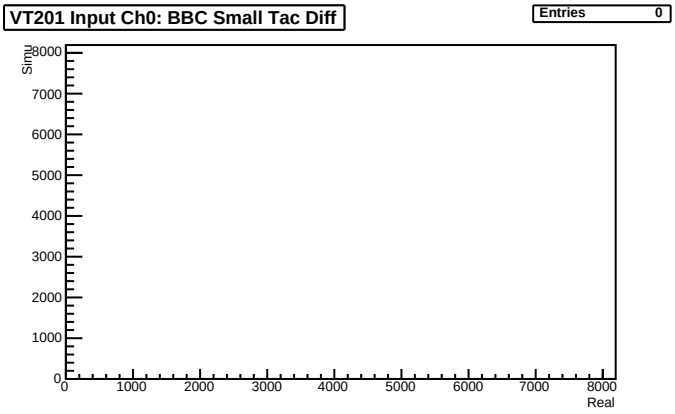

zdcWestTac
Entries 265488

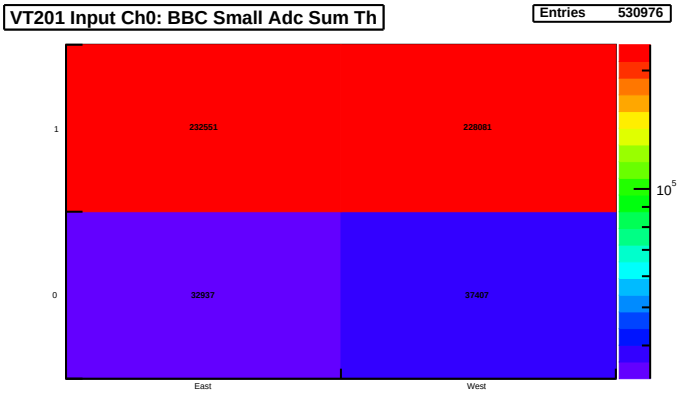

zdcWestTacVsSimu
Entries 1908
Data
Simu

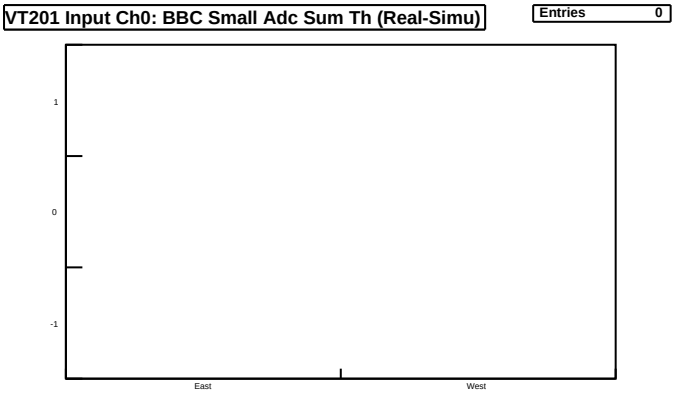

zdcAdcSum
Entries 3185856
34017
4795
29
25
16
11
68708
5983
67
56
43
40
231471
260693
265459
265463
265472
265477
196780
259505
265421
265432
265445
265448
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

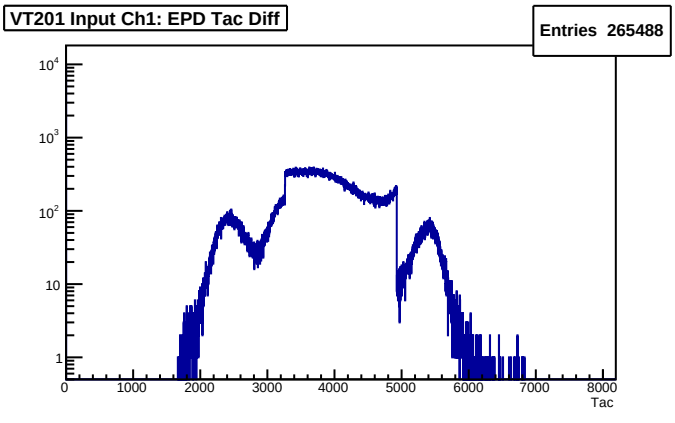

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

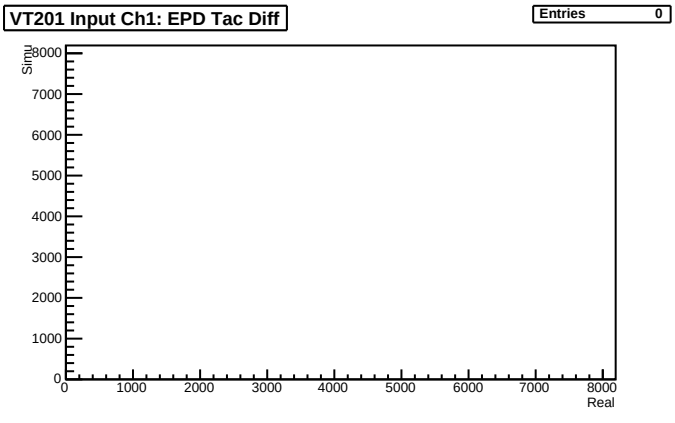

VT201 Input Ch0: BBC Small Tac Diff
Entries 265488
Tac

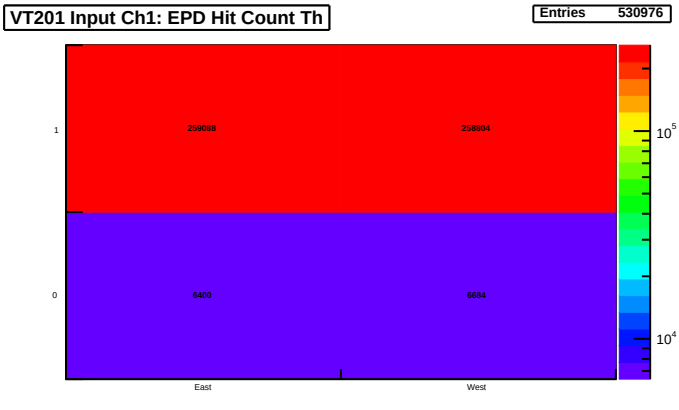

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

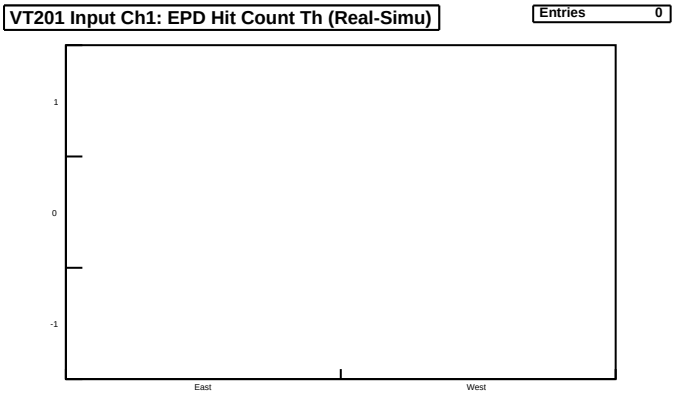

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 530976
232551
228081
32937
37407
East
West

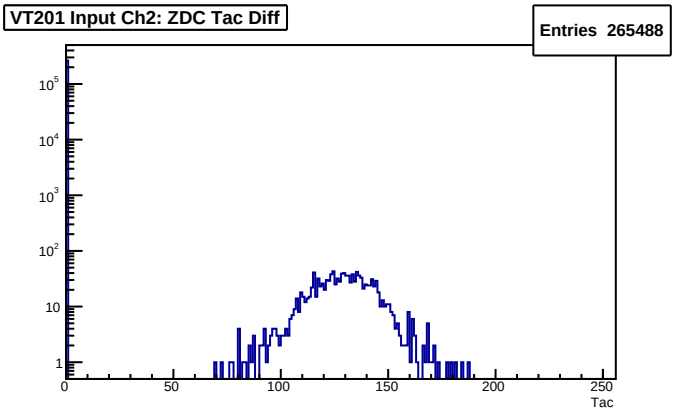

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

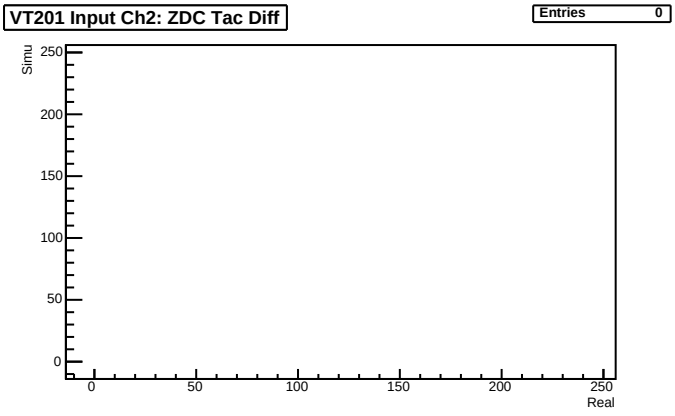

VT201 Input Ch1: EPD Tac Diff
Entries 265488
Tac

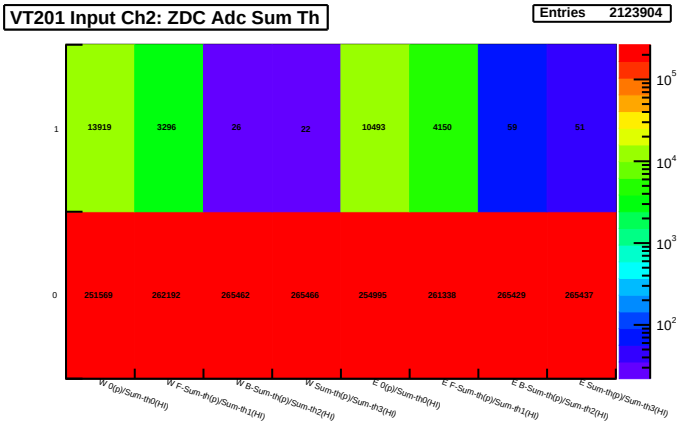

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

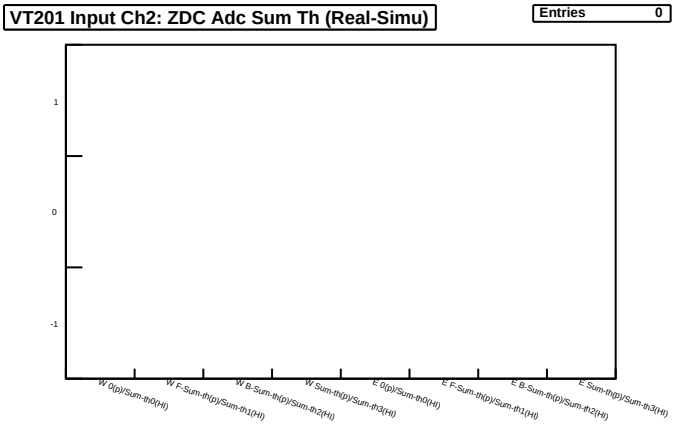

VT201 Input Ch1: EPD Hit Count Th
Entries 530976
259088
258804
6400
6684
East
West

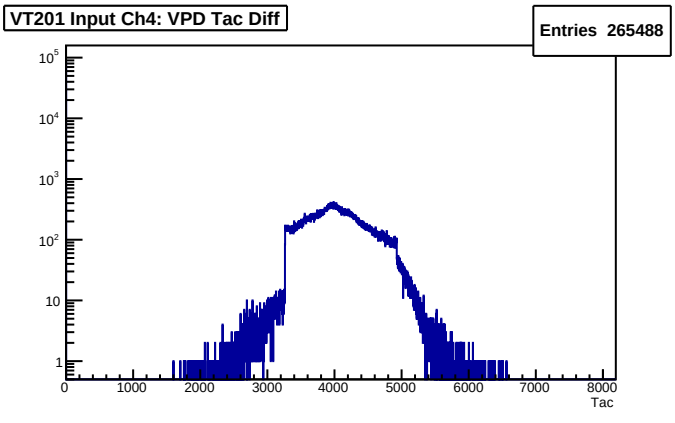

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

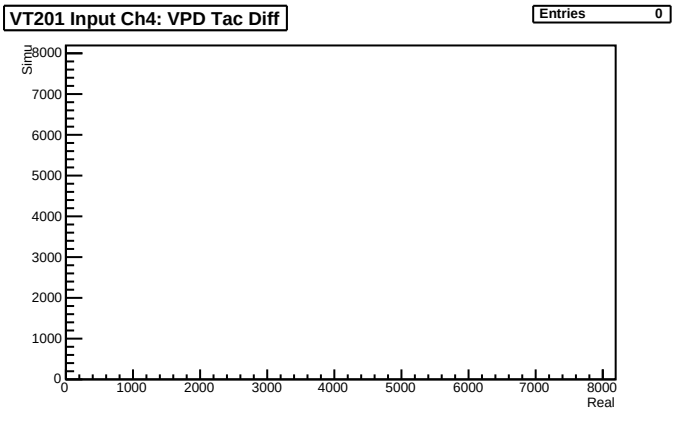

VT201 Input Ch2: ZDC Tac Diff
Entries 265488
Tac

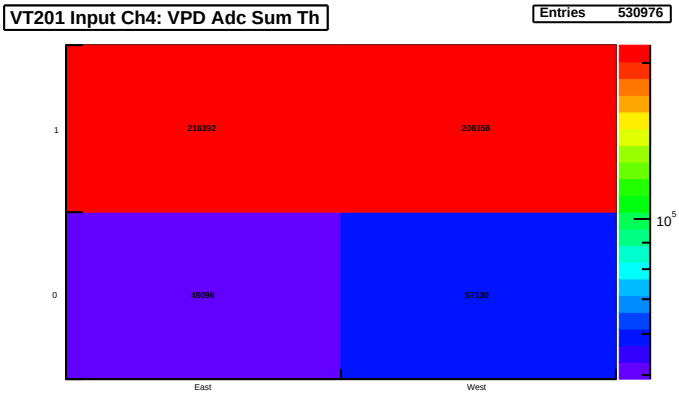

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

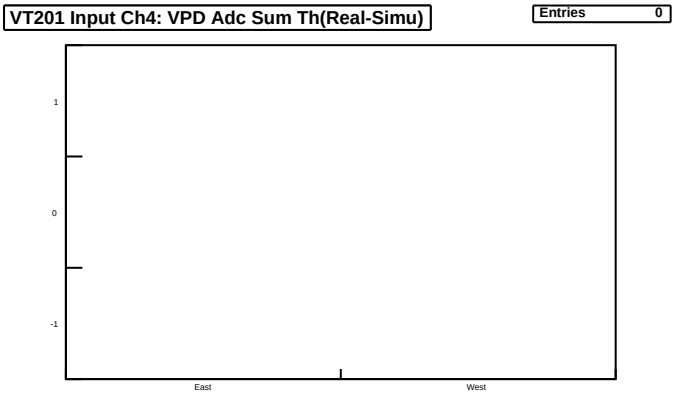

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2123904
13919
3296
26
22
10493
4150
59
51
251569
262192
265462
265466
254995
261338
265429
265437
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

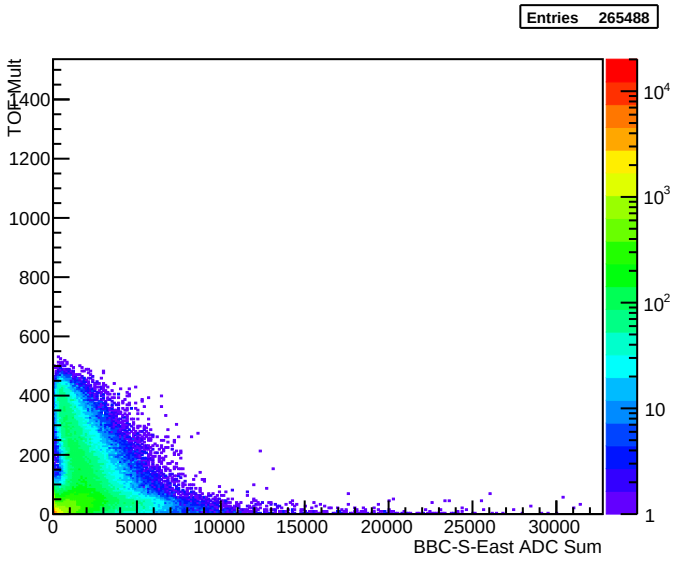

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

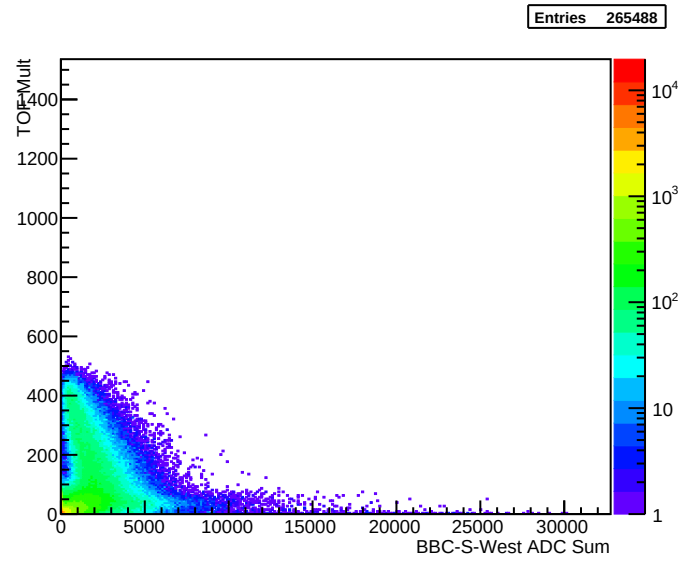

VT201 Input Ch4: VPD Tac Diff
Entries 265488
Tac

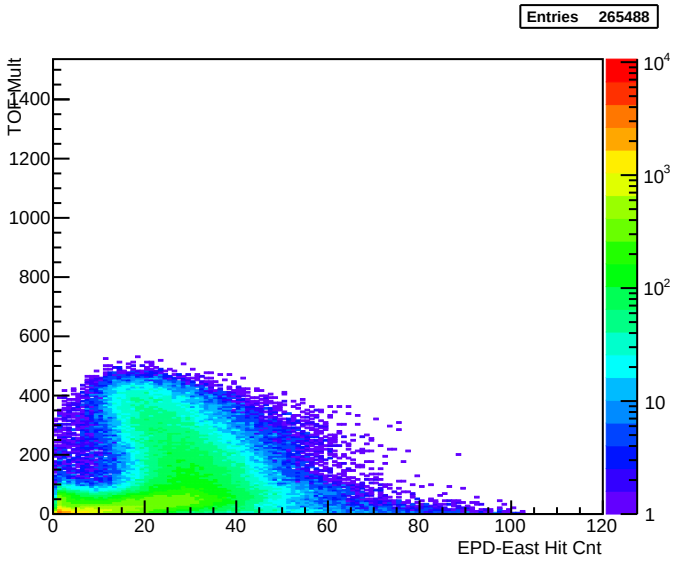

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

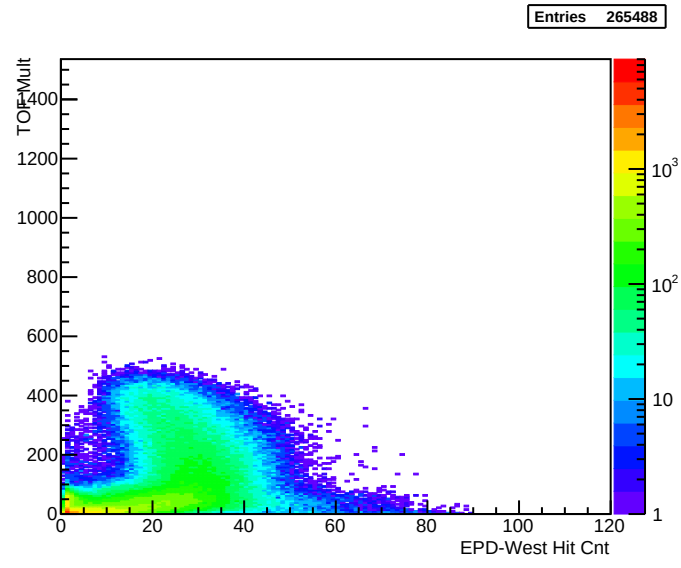

VT201 Input Ch4: VPD Adc Sum Th
Entries 530976
216392
208358
49096
57130
East
West

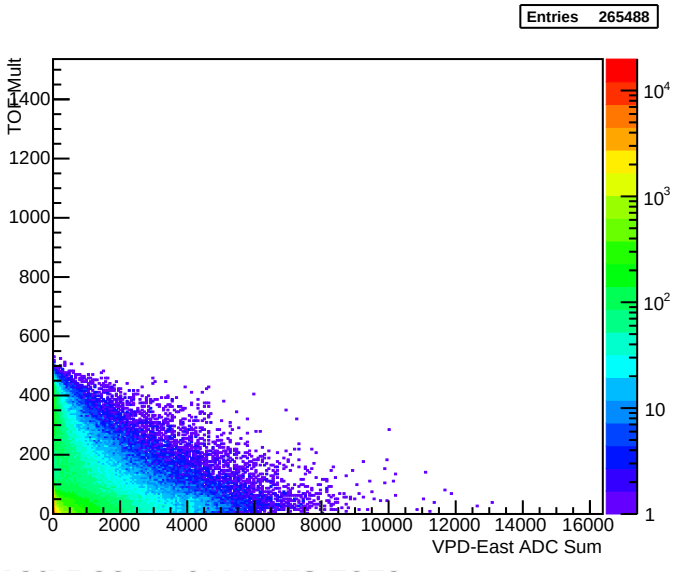

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

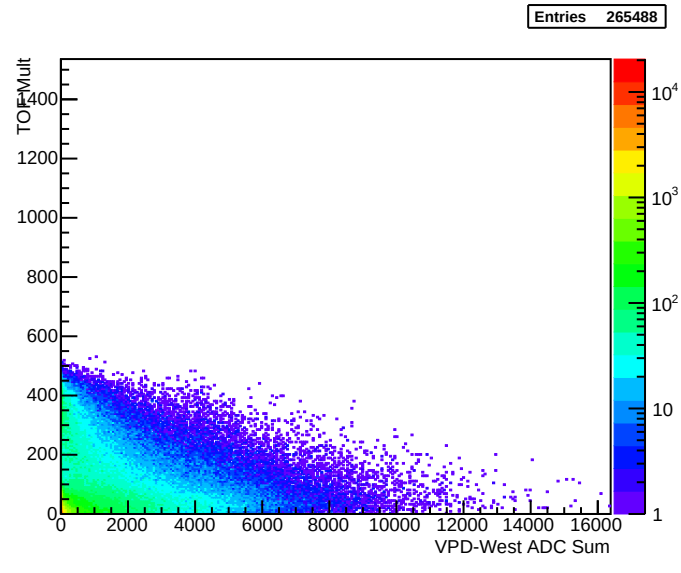

Entries 265488
TOF-Mult
BBC-S-East ADC Sum

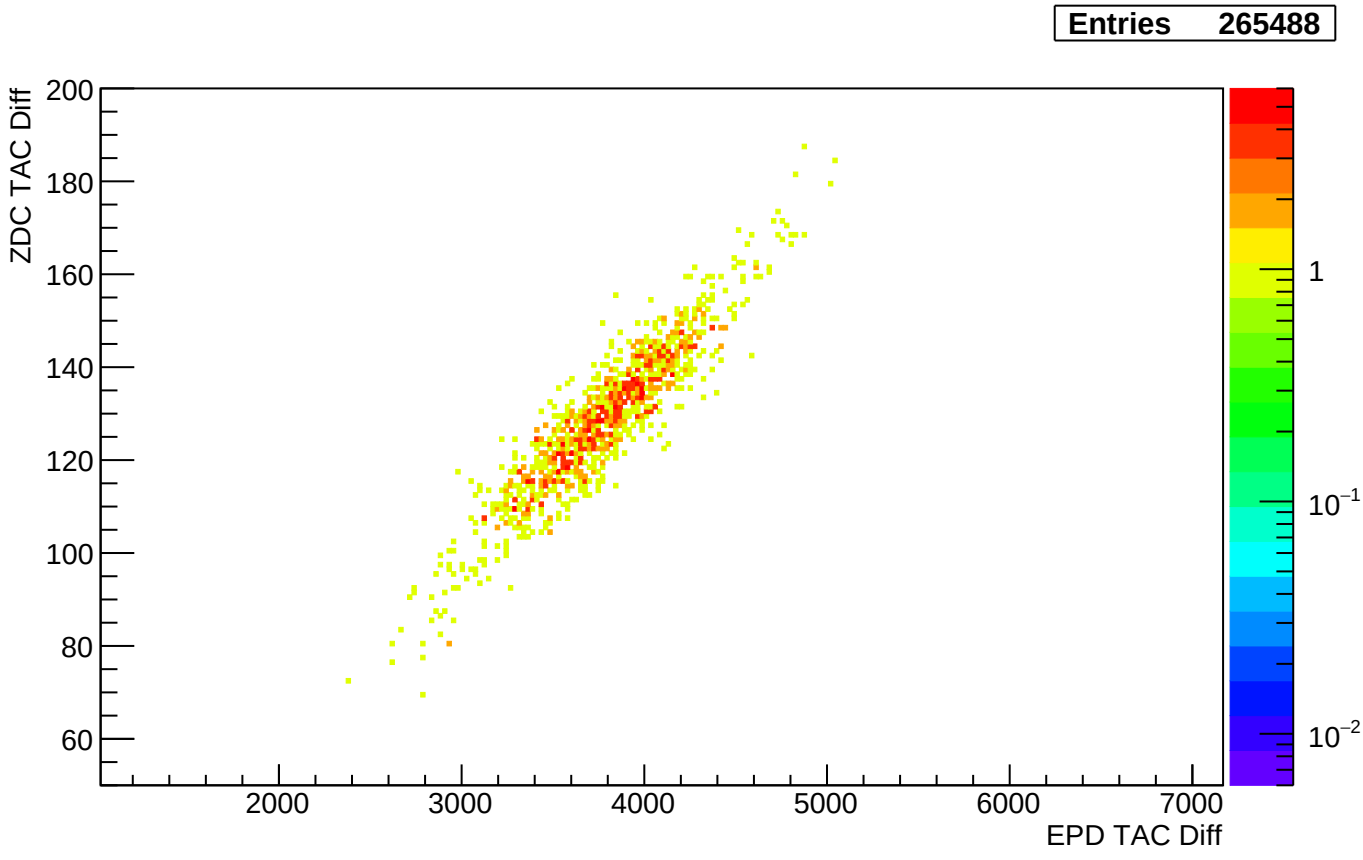

Entries 265488
TOF-Mult
BBC-S-West ADC Sum

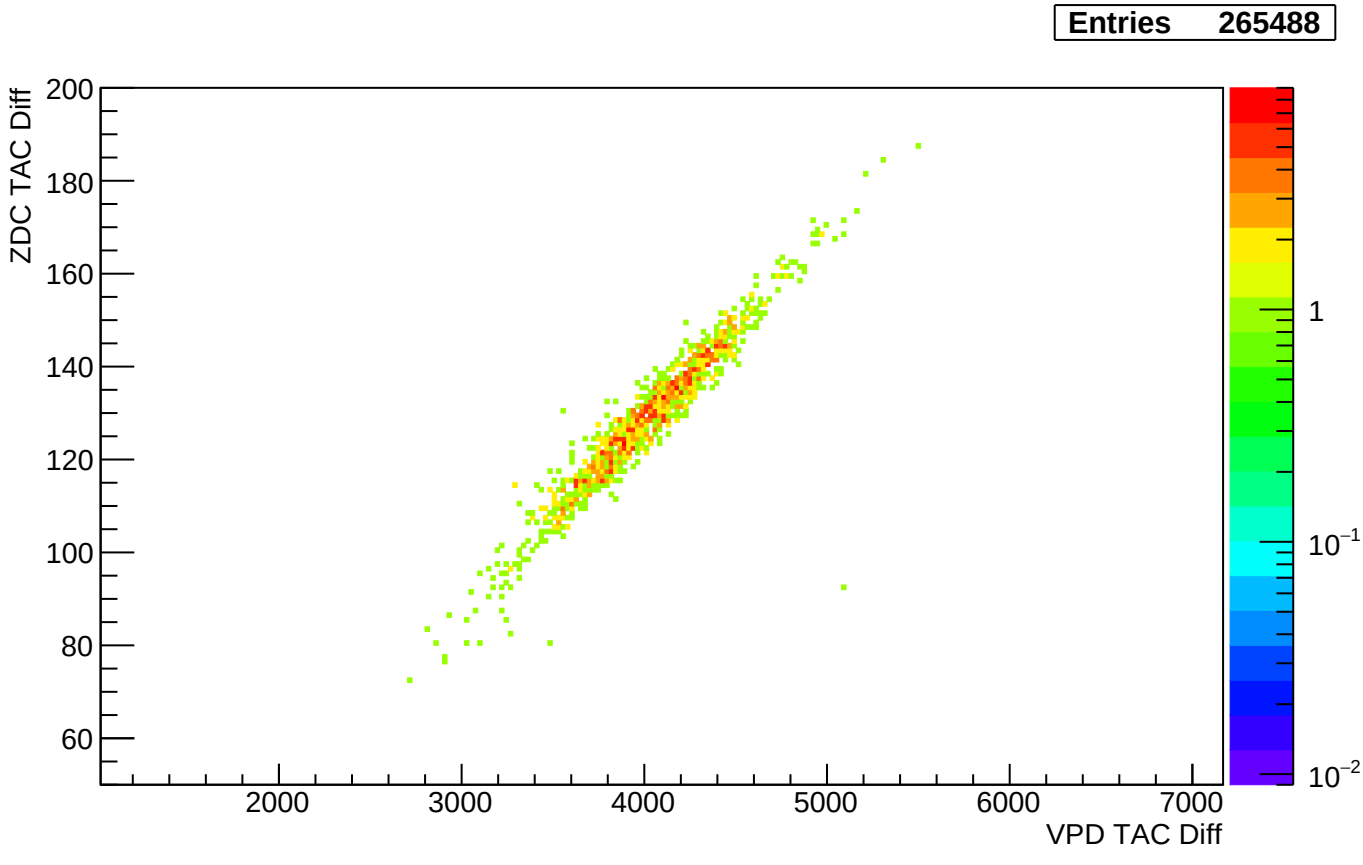

Entries 265488
TOF-Mult
EPD-East Hit Cnt

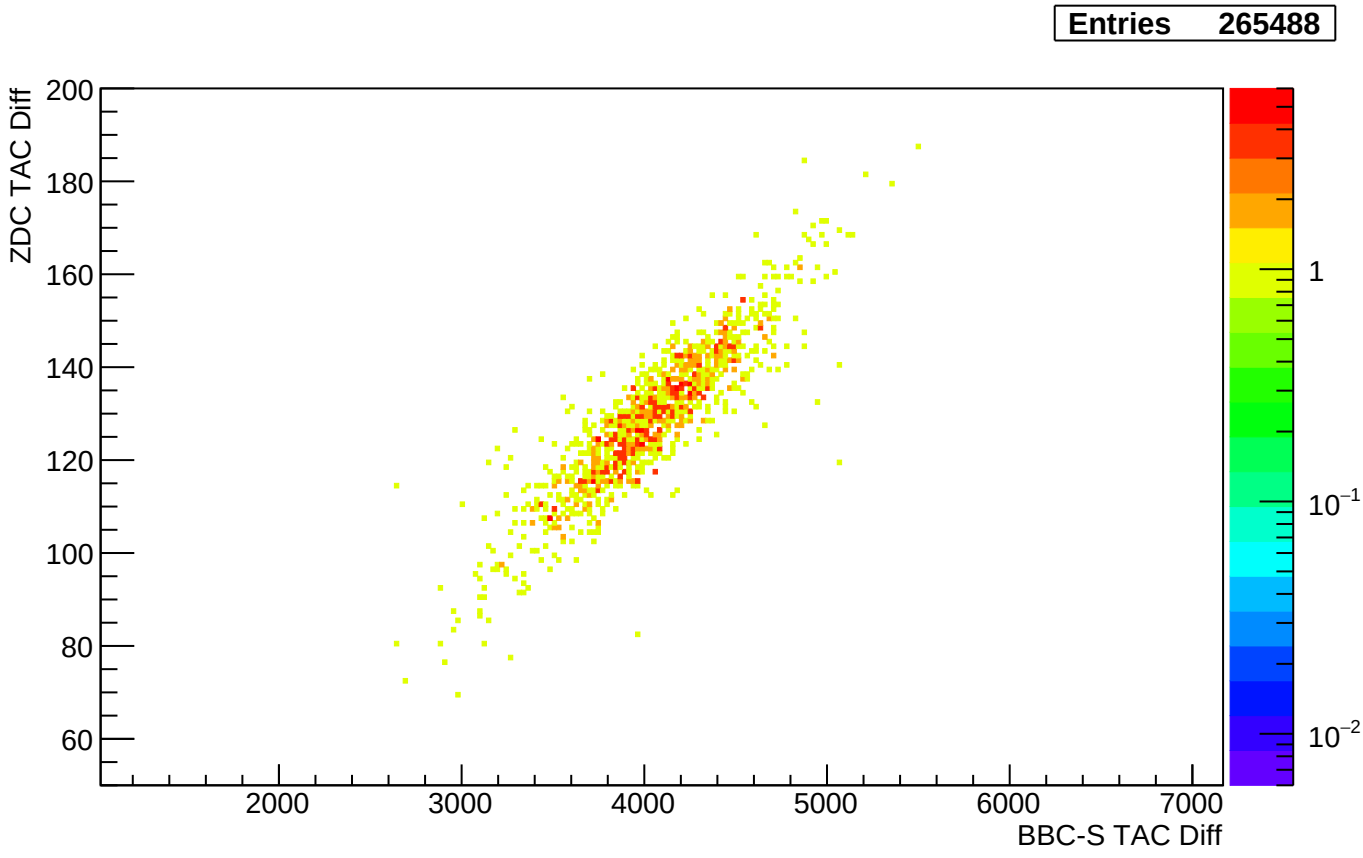

Entries 265488
TOF-Mult
EPD-West Hit Cnt

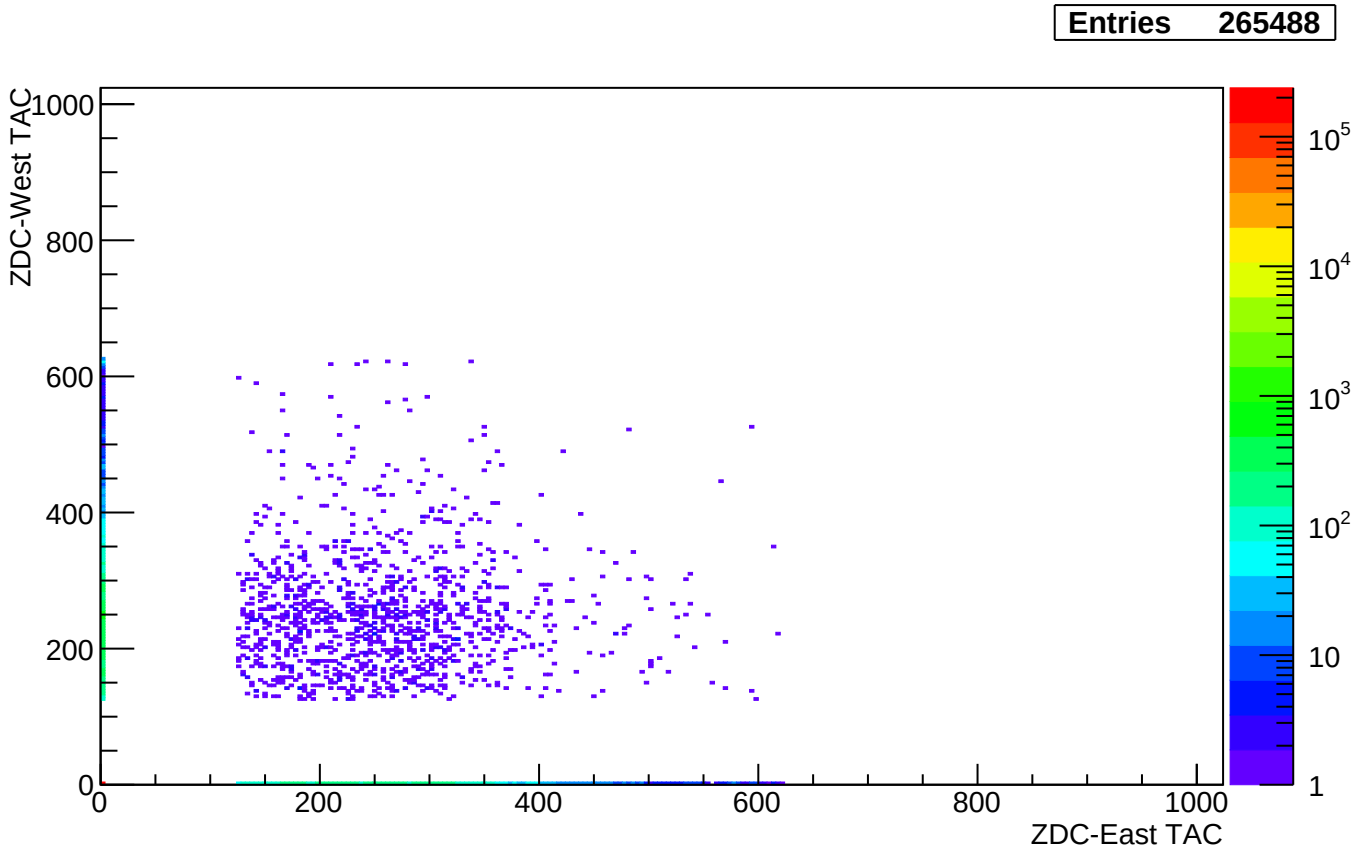

Entries 265488
TOF-Mult
VPD-East ADC Sum

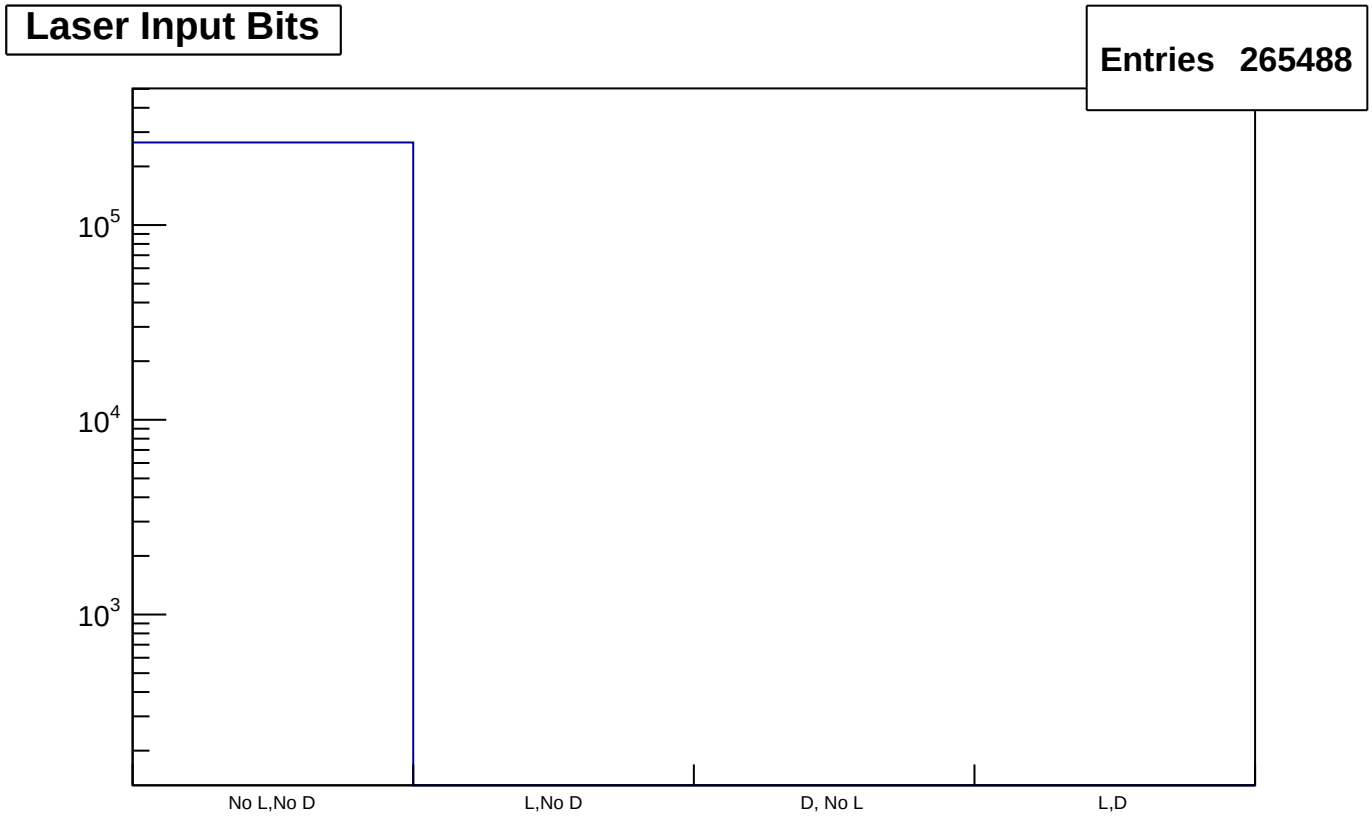

Entries 265488
TOF-Mult
VPD-West ADC Sum

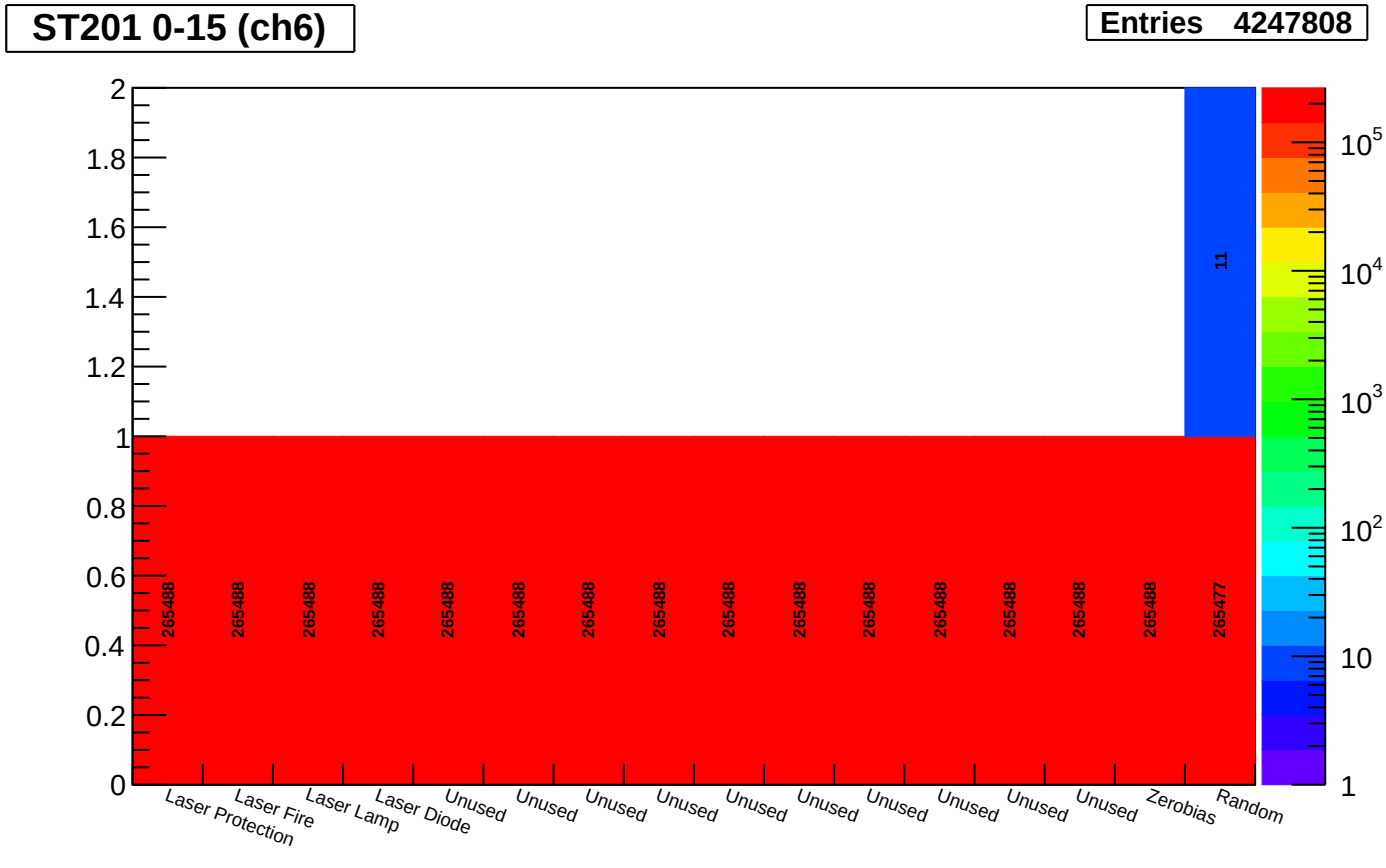

Entries 265488
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 265488
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 265488
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}

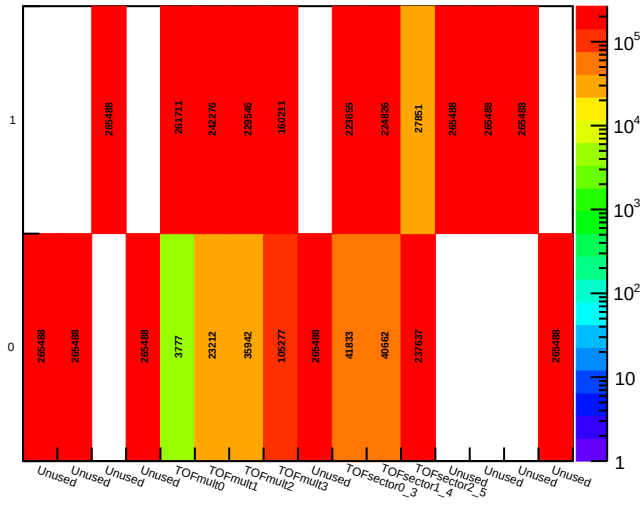

Entries 265488
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 265488
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 4247808
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
265488
265488
265488
265488
265488
265488
265488
265488
265488
265488
265488
265488
265488
265488
265488
265477
11
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

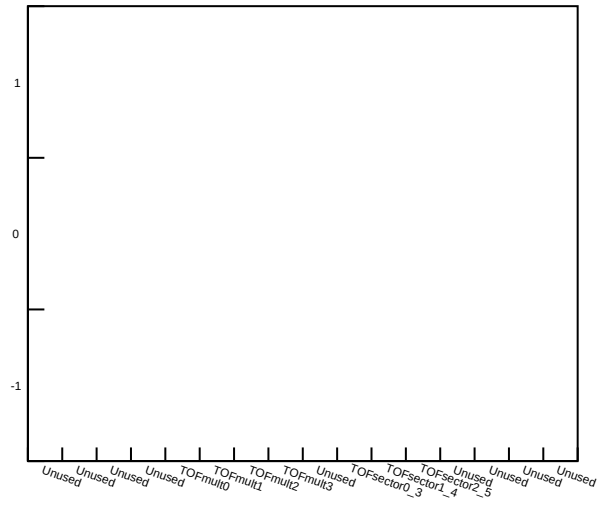
TF201 0-15 (ch0)

Entries 4247808



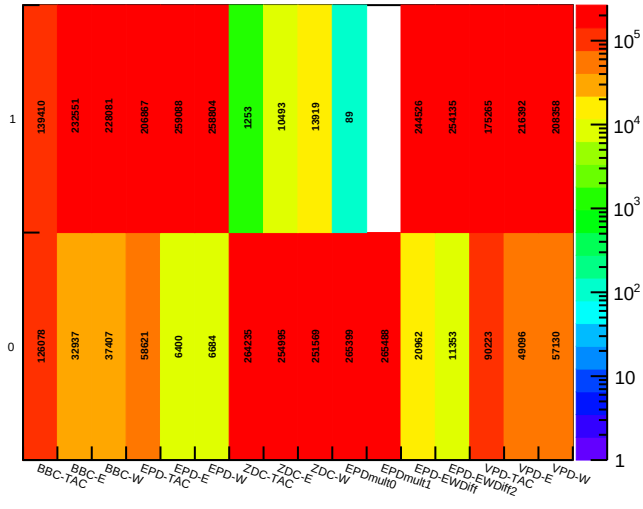
TF201 0-15 (ch0)

Entries 0



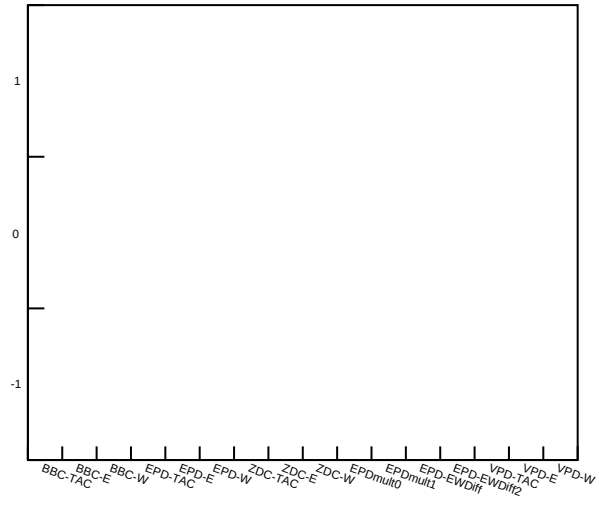
VT201 0-15 (ch1)

Entries 4247808



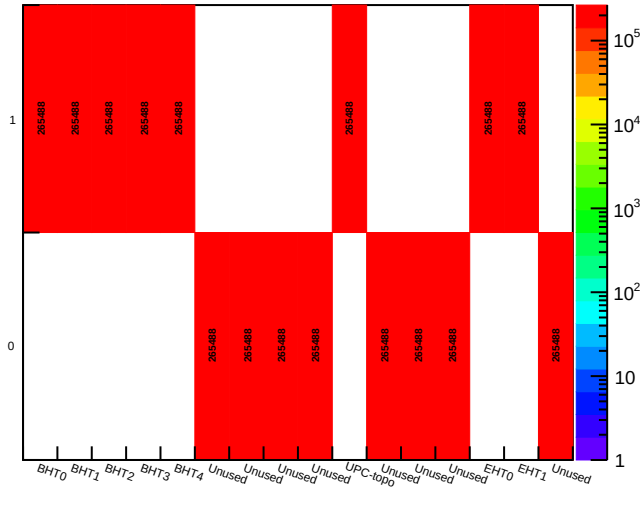
VT201 0-15 (ch1)

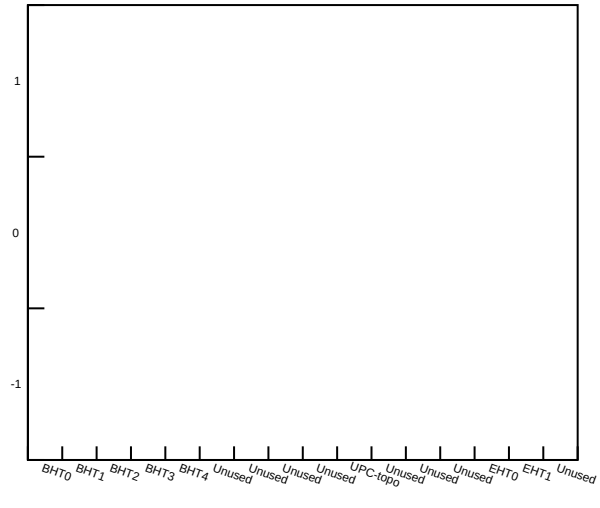
Entries 0



EM201 0-15 (ch3)

Entries 4247808



EM201 0-15 (ch3)

Entries 0