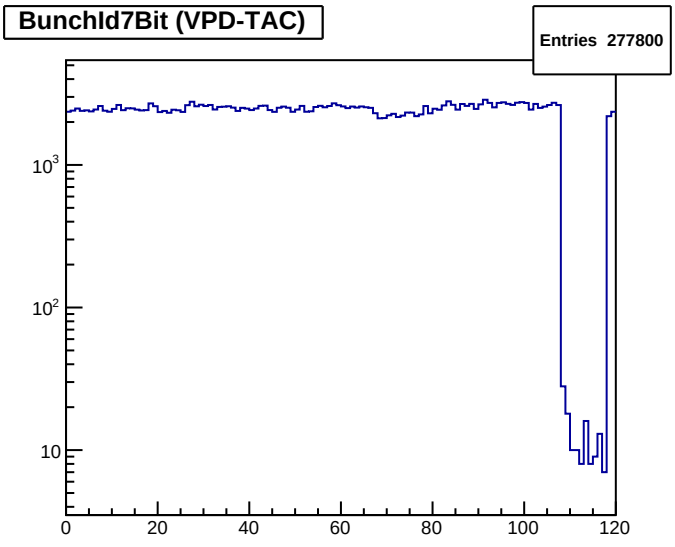
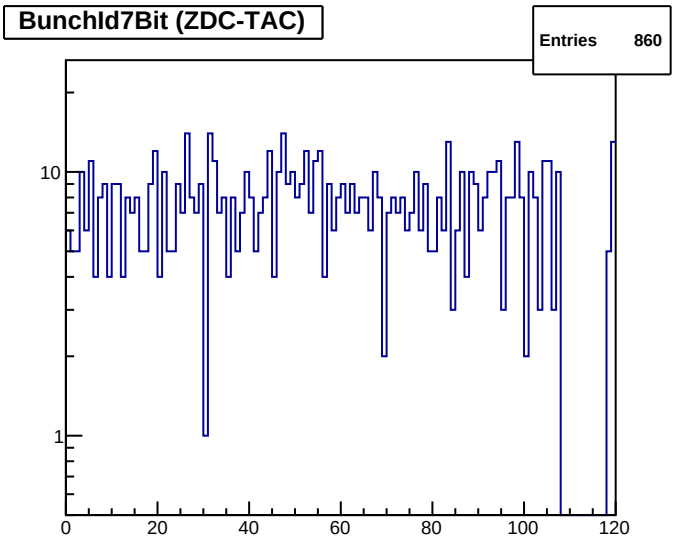
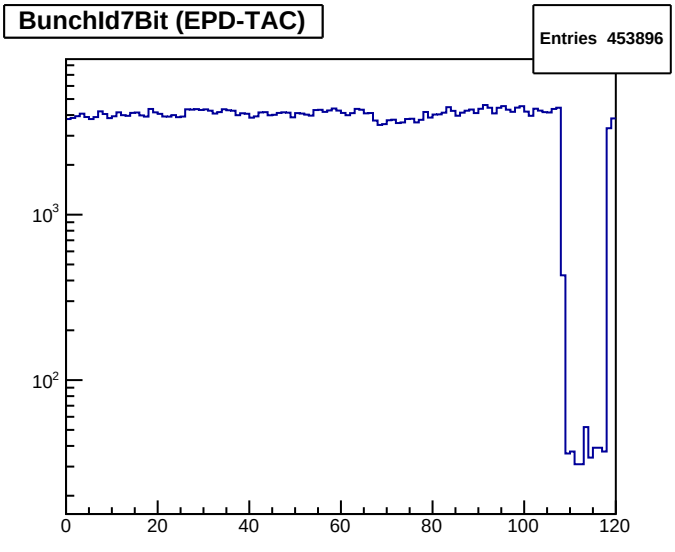
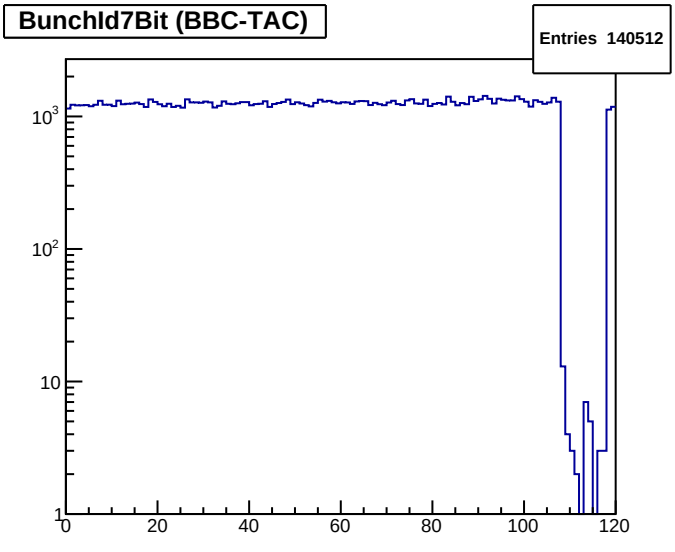
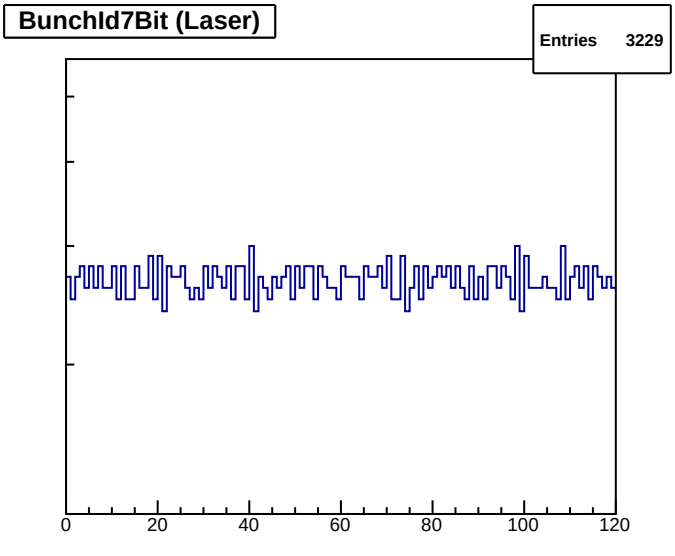
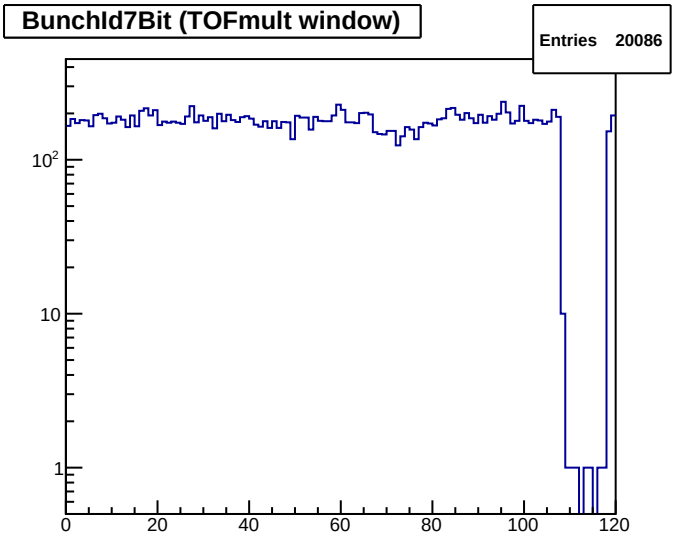

BunchId7Bit (VPD-TAC)
Entries 277800
10^3
10^2
10
0
20
40
60
80
100
120

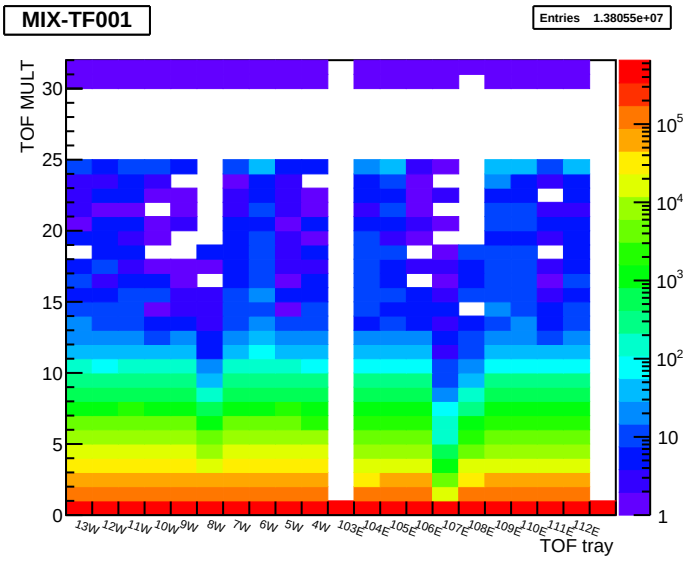

BunchId7Bit (ZDC-TAC)
Entries 860
10
1
0
20
40
60
80
100
120

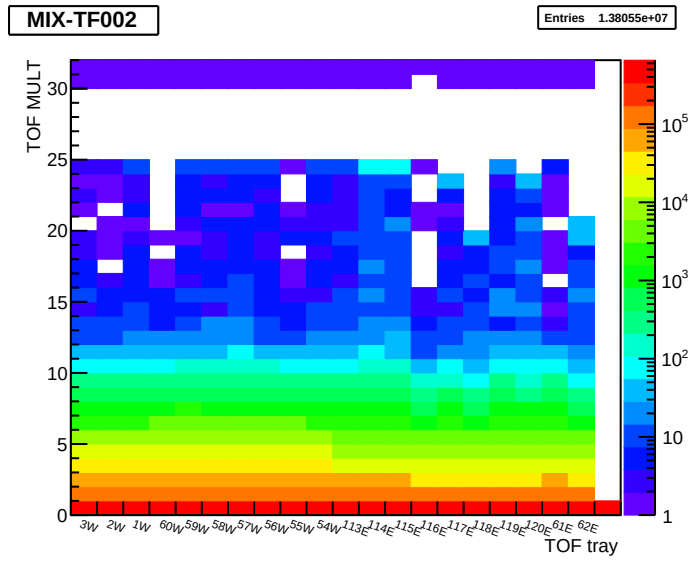

BunchId7Bit (EPD-TAC)
Entries 453896
10^3
10^2
0
20
40
60
80
100
120

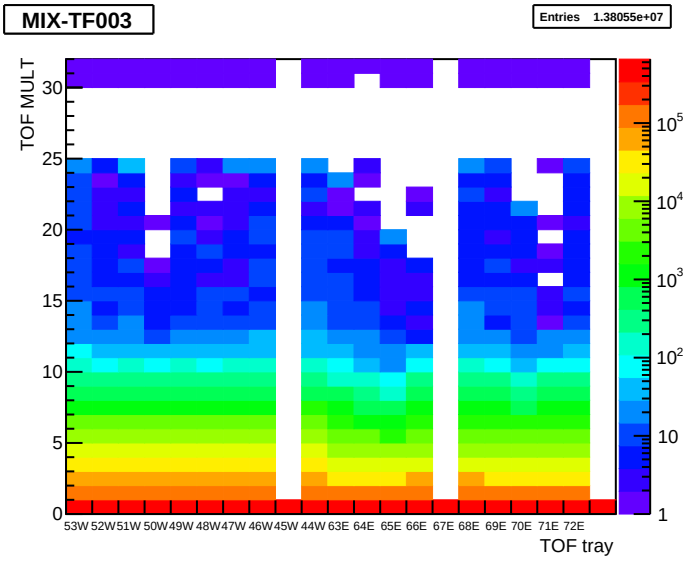

BunchId7Bit (BBC-TAC)
Entries 140512
10^3
10^2
10
1
0
20
40
60
80
100
120

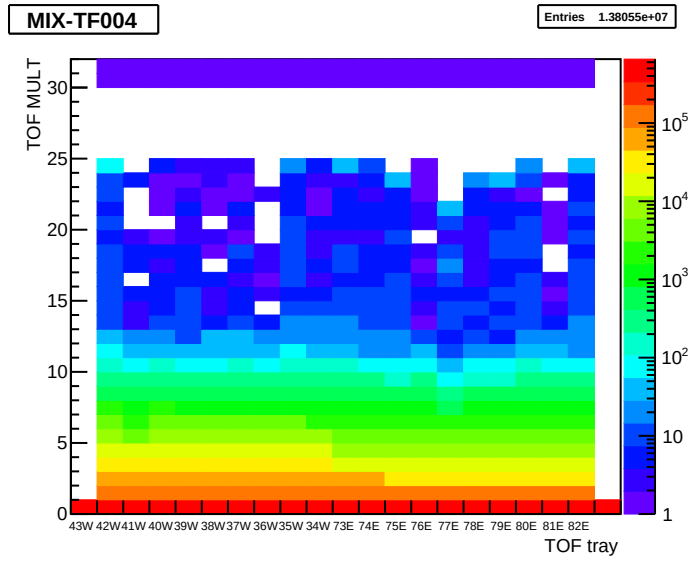

BunchId7Bit (Laser)
Entries 3229
0
20
40
60
80
100
120

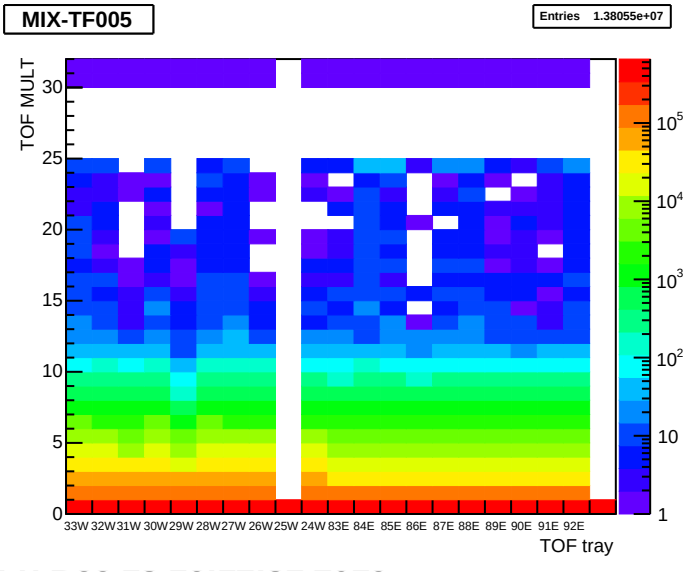

BunchId7Bit (TOFmult window)
Entries 20086
10^2
10
1
0
20
40
60
80
100
120

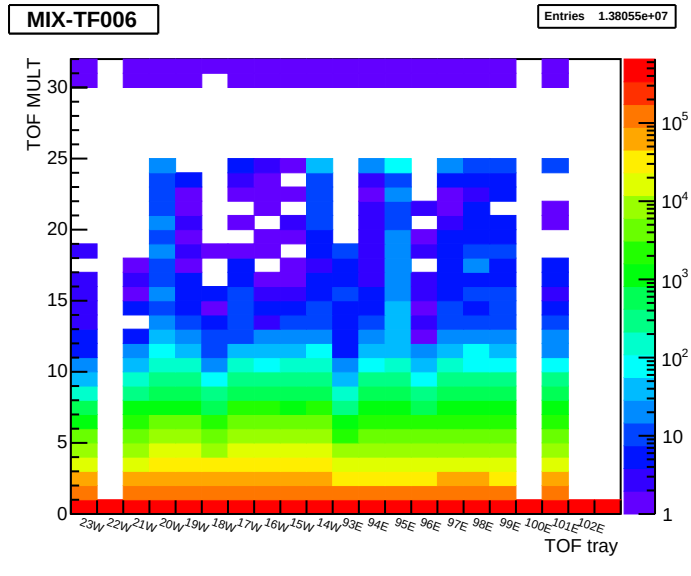

MIX-TF001
Entries 1.38055e+07
TOF MULT
TOF tray

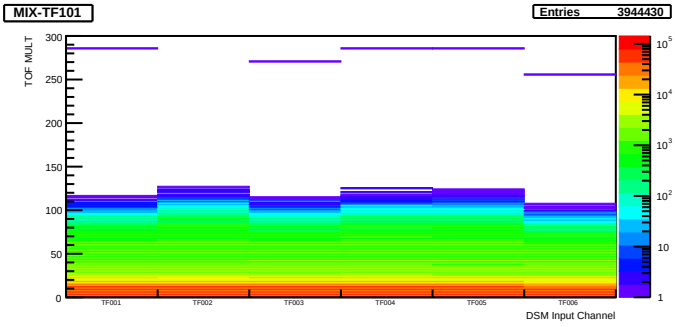

MIX-TF002
Entries 1.38055e+07
TOF MULT
TOF tray

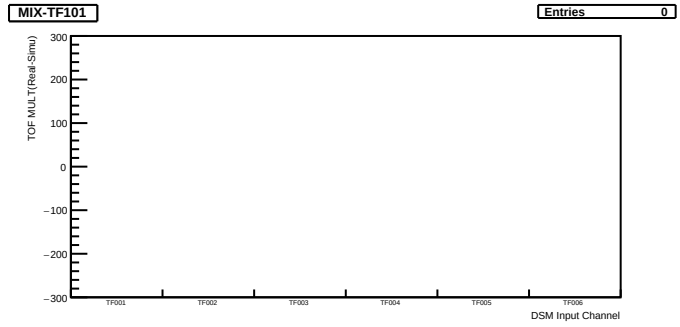

MIX-TF003
Entries 1.38055e+07
TOF MULT
TOF tray

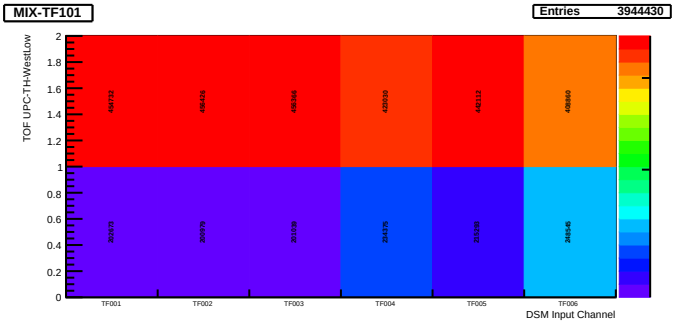

MIX-TF004
Entries 1.38055e+07
TOF MULT
TOF tray

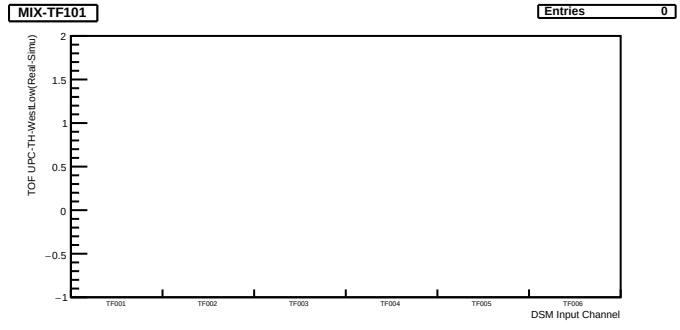

MIX-TF005
Entries 1.38055e+07
TOF MULT
TOF tray

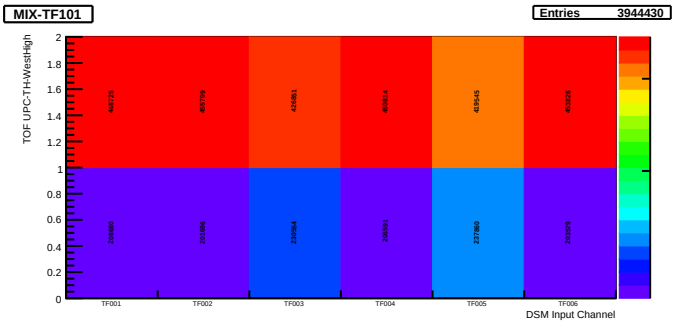

MIX-TF006
Entries 1.38055e+07
TOF MULT
TOF tray

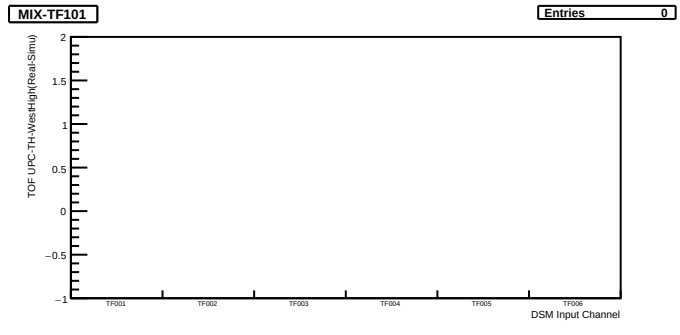

MIX-TF101
Entries 3944430
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

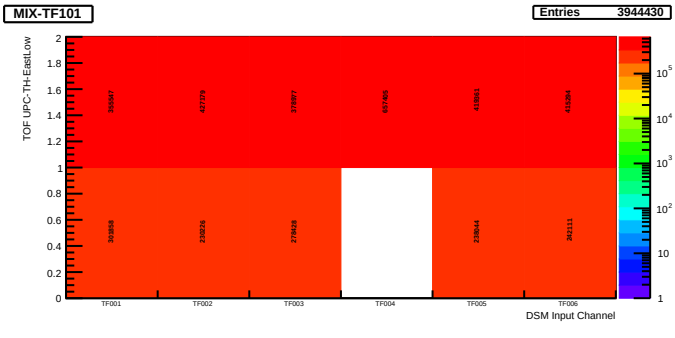

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

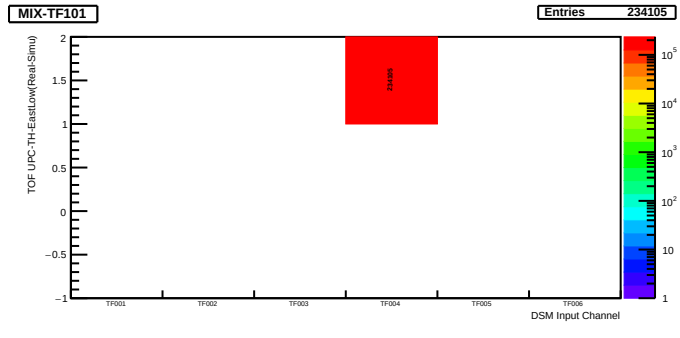

MIX-TF101
Entries 3944430
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

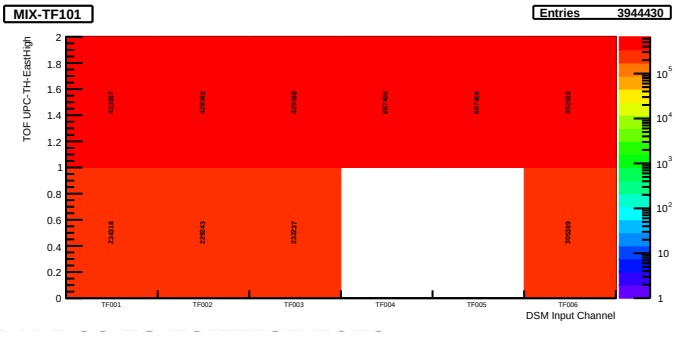

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

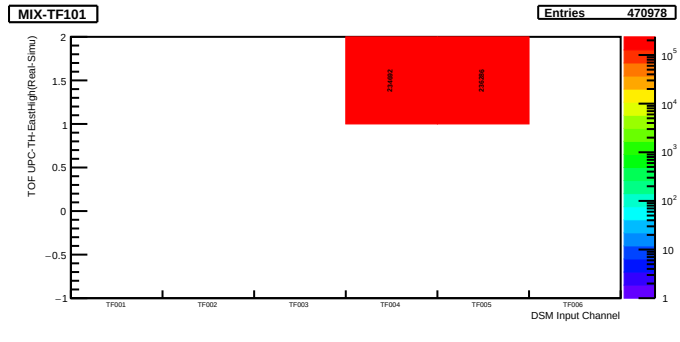

MIX-TF101
Entries 3944430
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

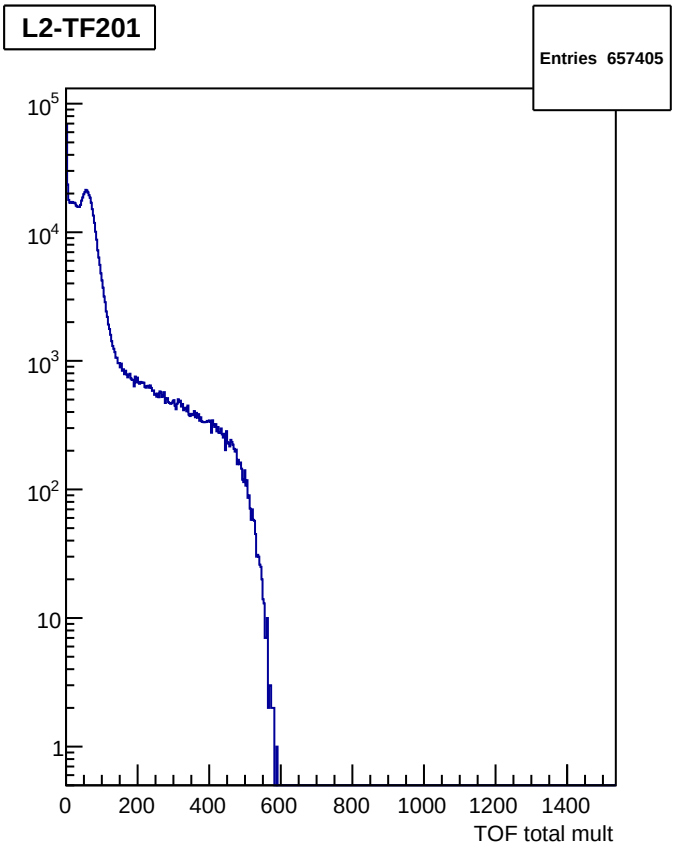

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

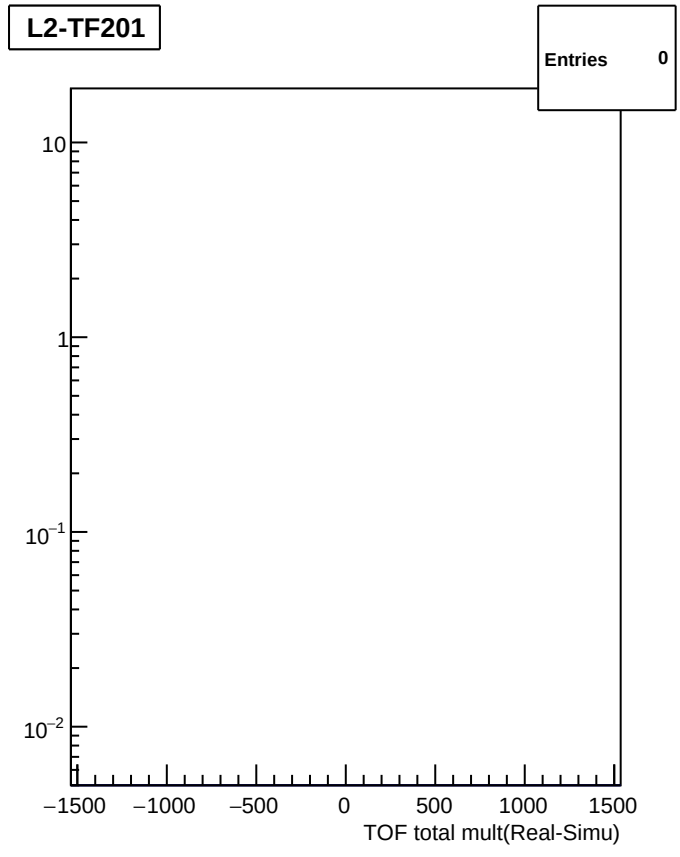

MIX-TF101
Entries 3944430
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

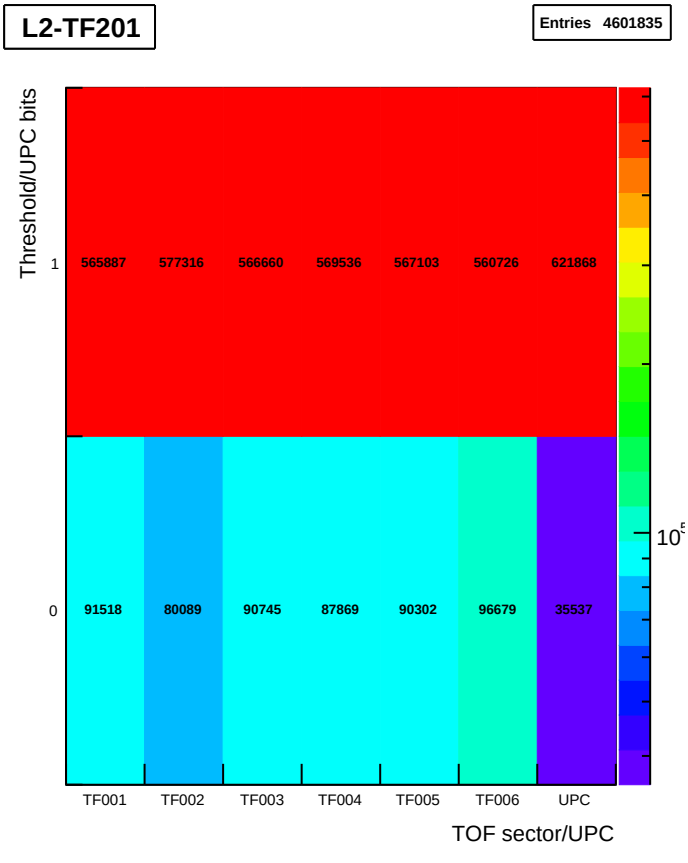

MIX-TF101
Entries 234105
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

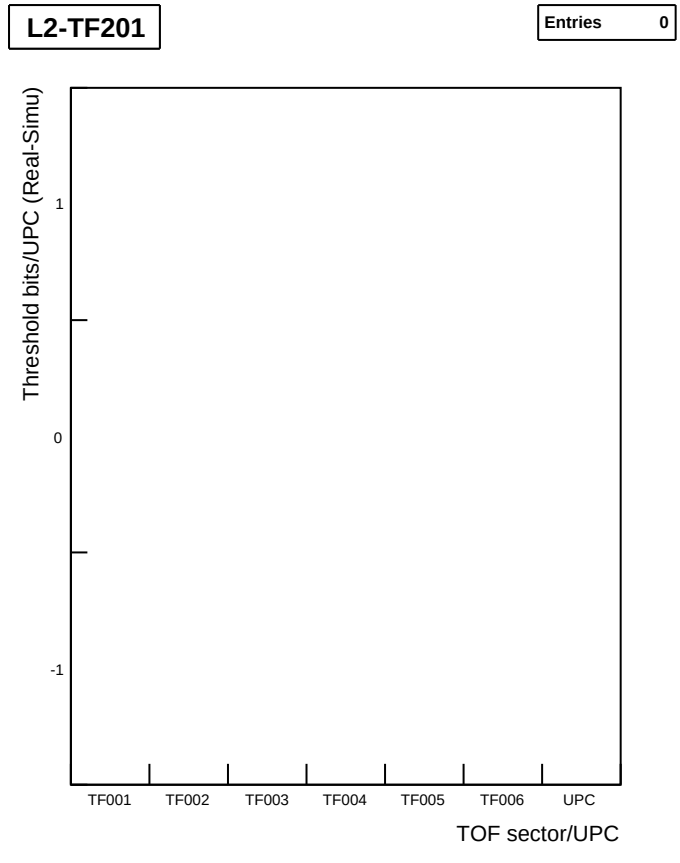

MIX-TF101
Entries 3944430
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

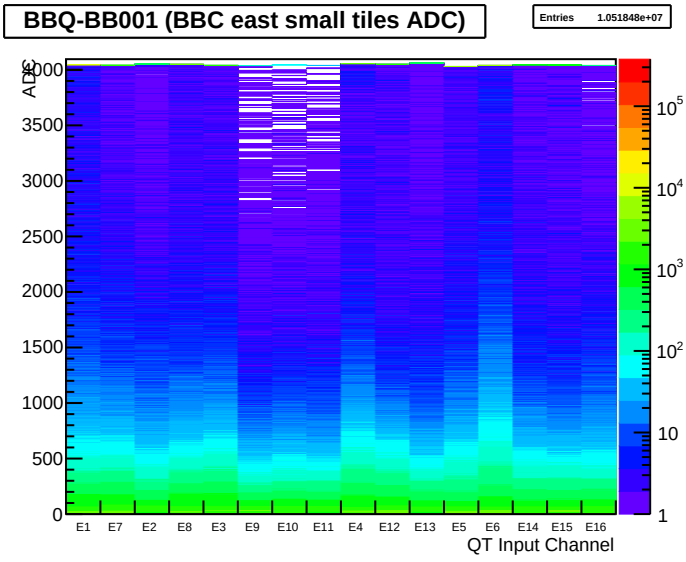

MIX-TF101
Entries 470978
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

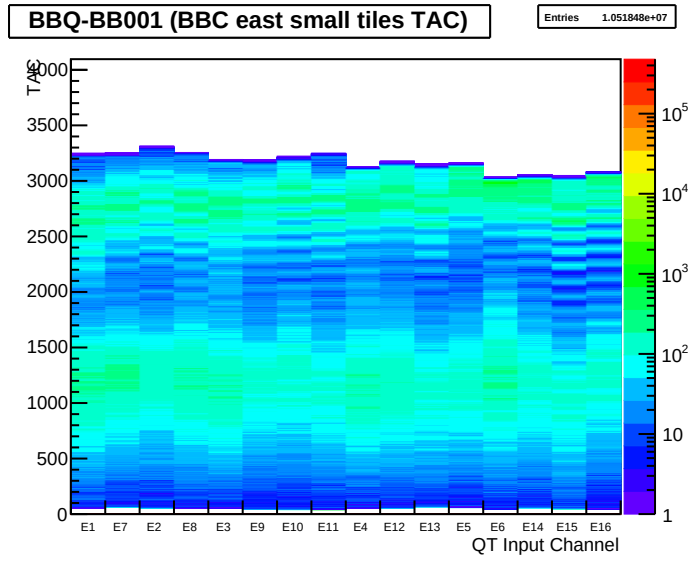

L2-TF201
Entries 657405
TOF total mult

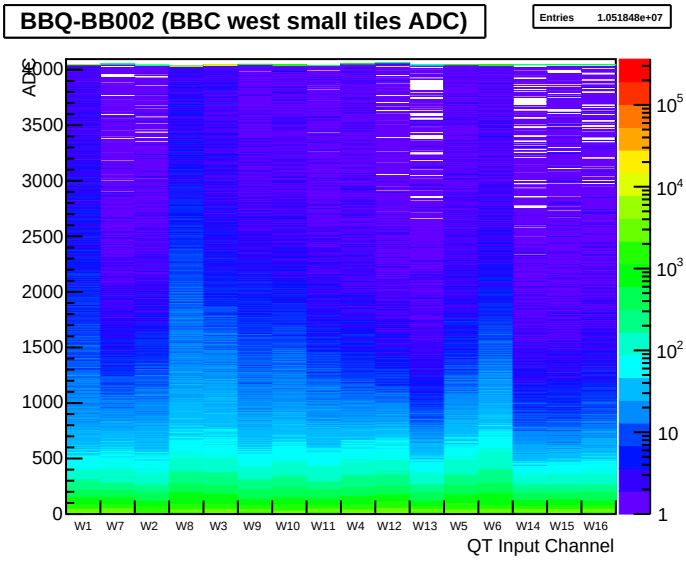

L2-TF201
Entries 0
TOF total mult(Real-Simu)

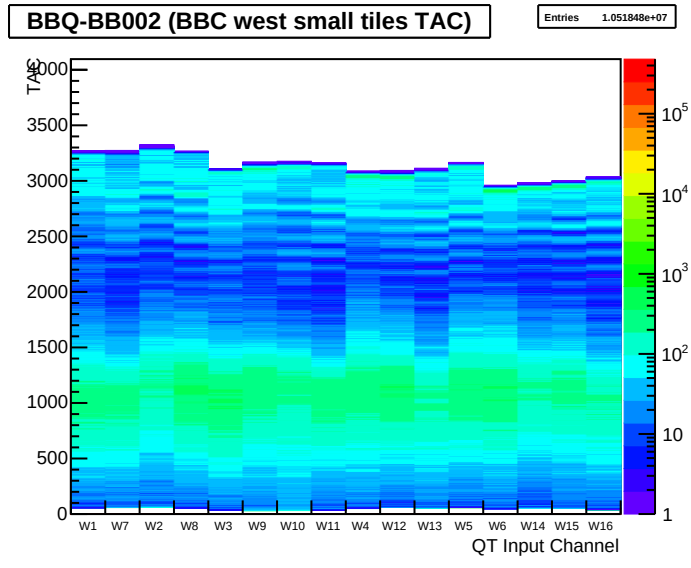

L2-TF201
Entries 4601835
Threshold/UPC bits
565887
577316
566660
569536
567103
560726
621868
91518
80089
90745
87869
90302
96679
35537
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

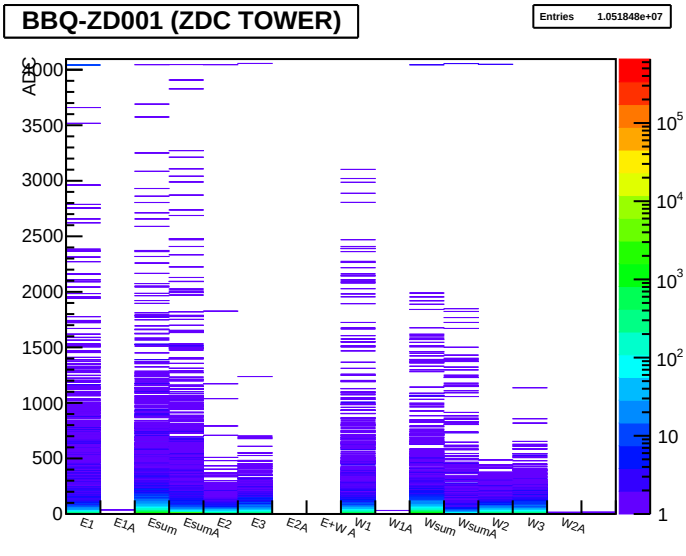

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

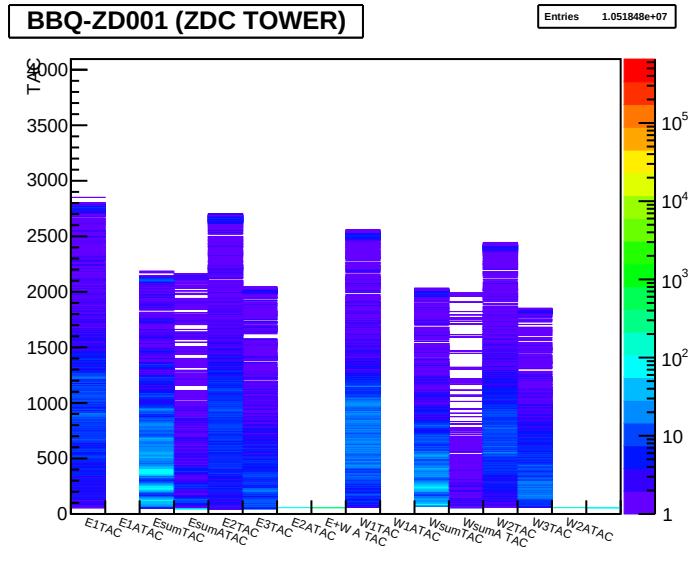

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.051848e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

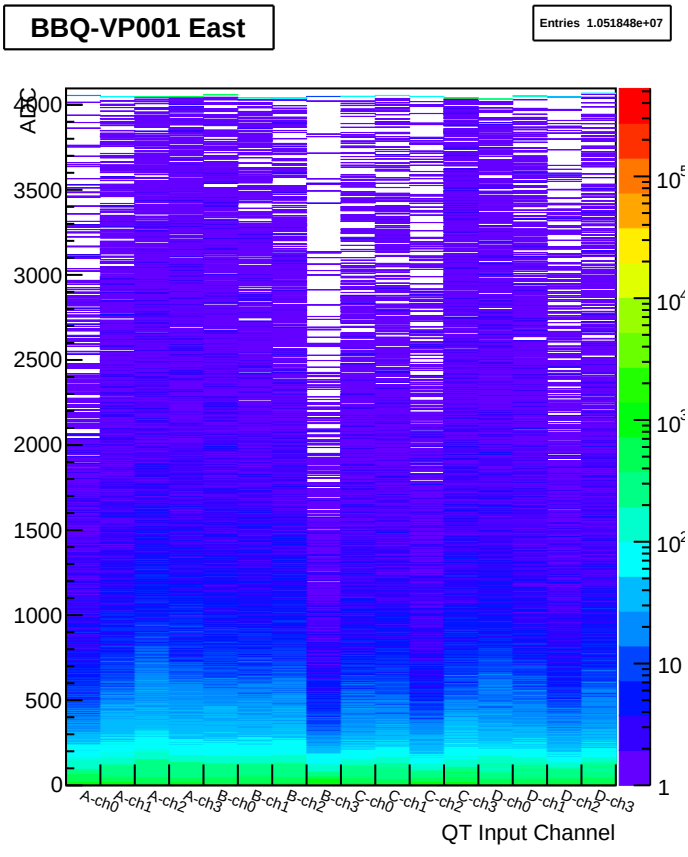

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.051848e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

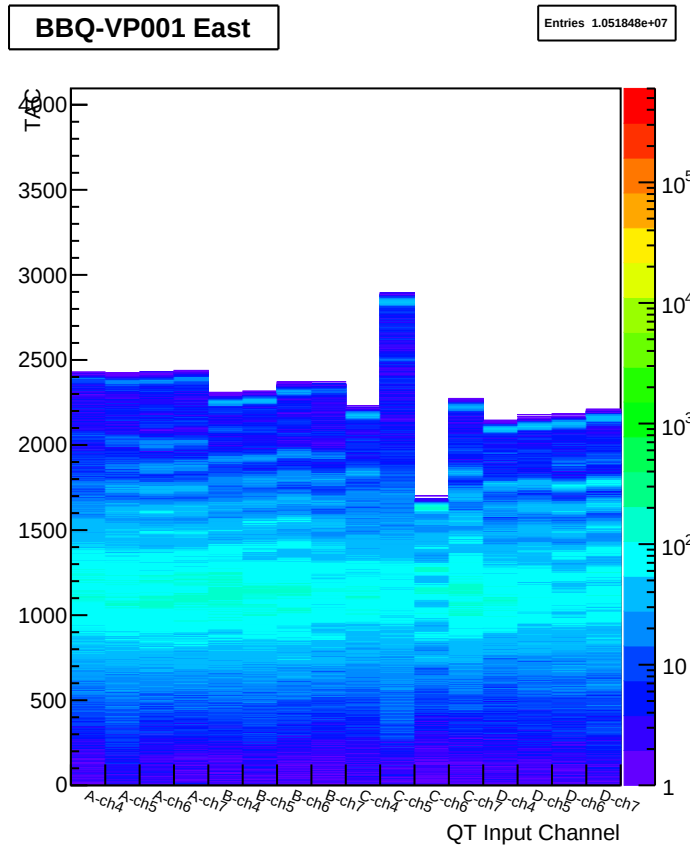

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.051848e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

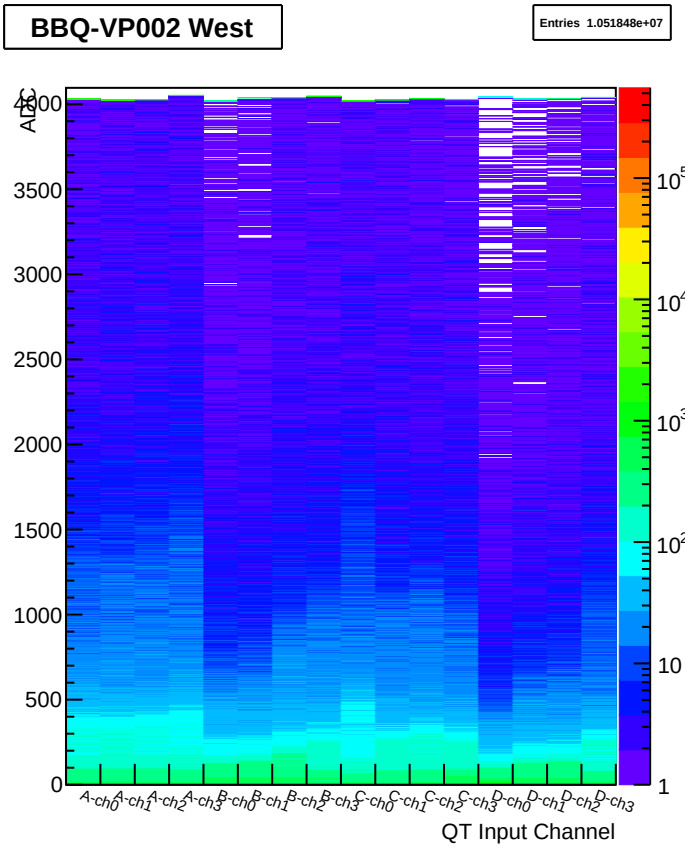

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.051848e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

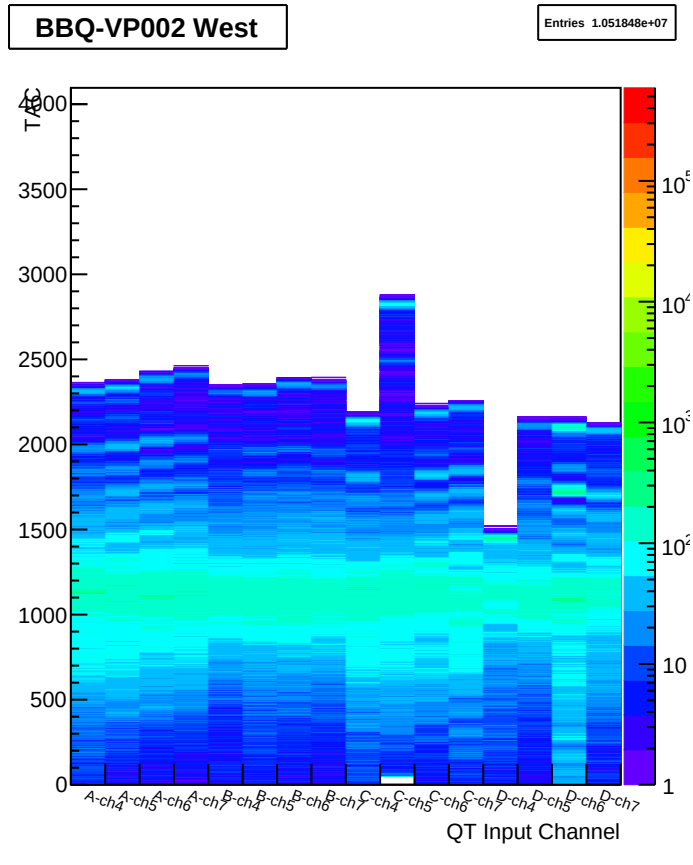

BBQ-ZD001 (ZDC TOWER)
Entries 1.051848e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

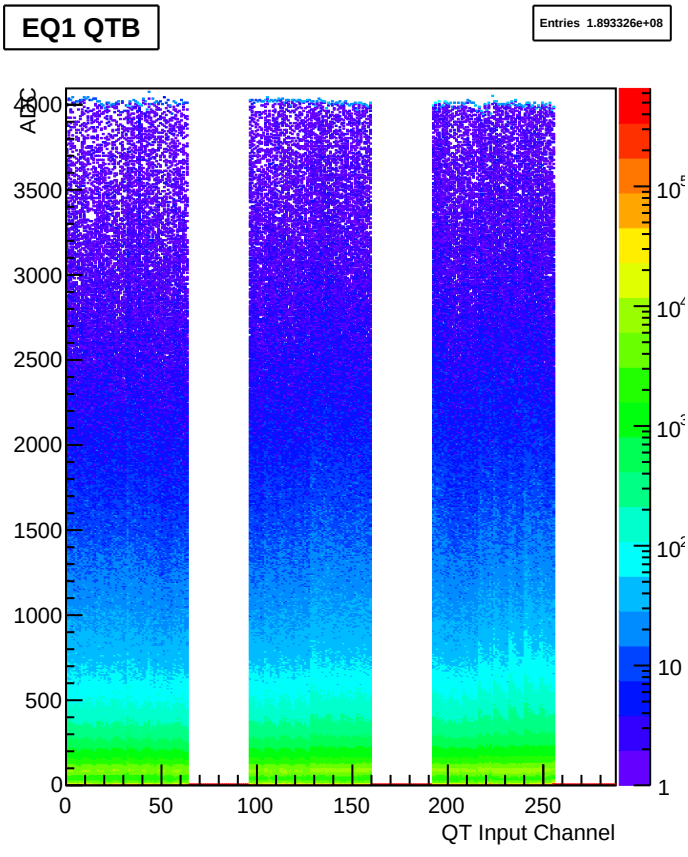

BBQ-ZD001 (ZDC TOWER)
Entries 1.051848e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

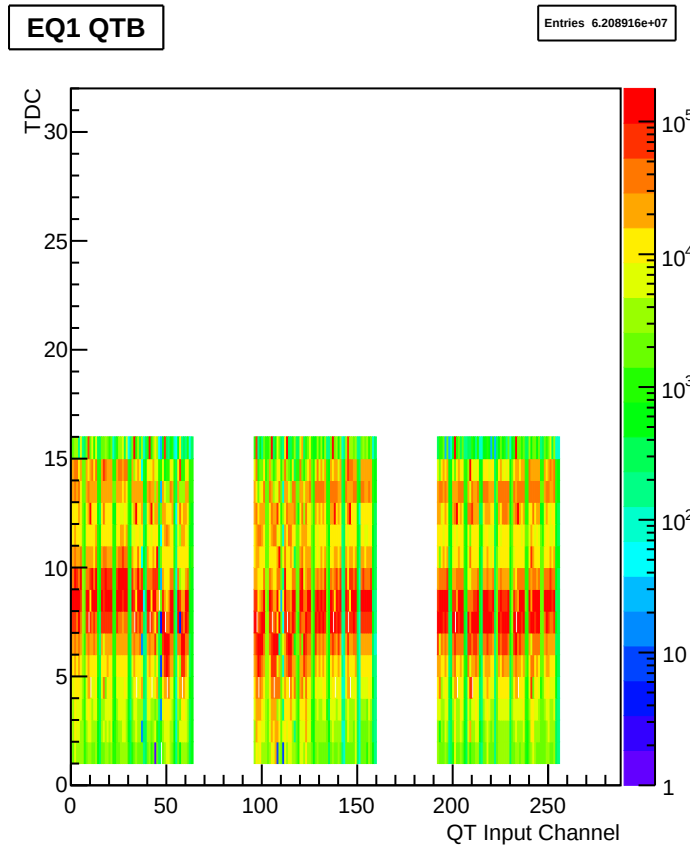

BBQ-VP001 East
Entries 1.051848e+07
ADC
QT Input Channel

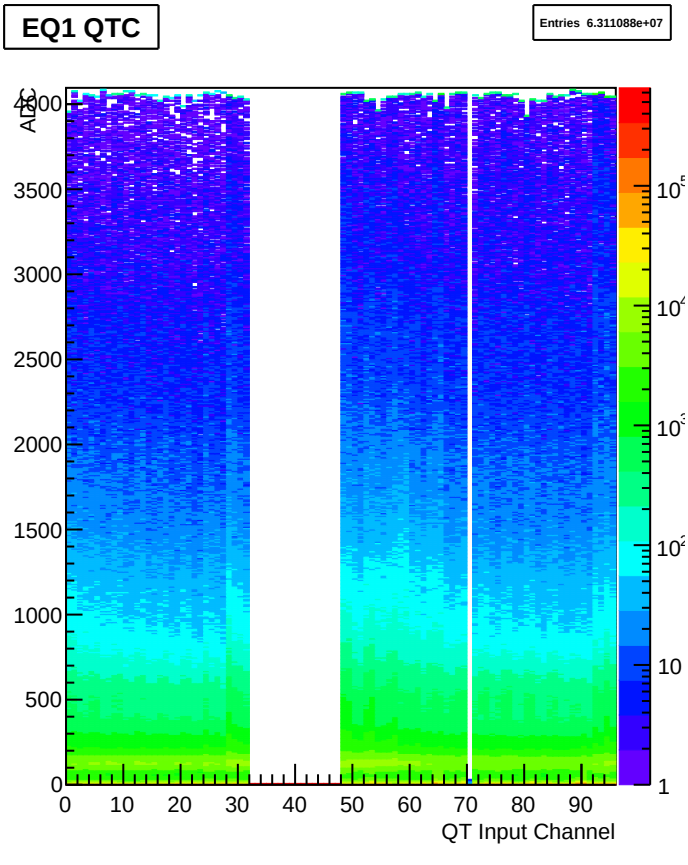

BBQ-VP001 East
Entries 1.051848e+07
ADC
QT Input Channel

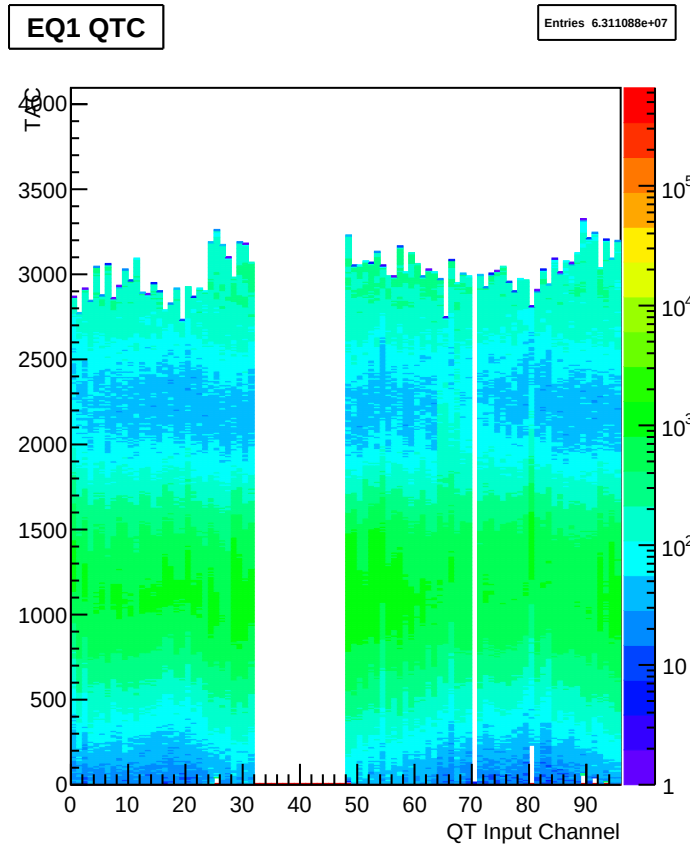

BBQ-VP002 West
Entries 1.051848e+07
ADC
QT Input Channel

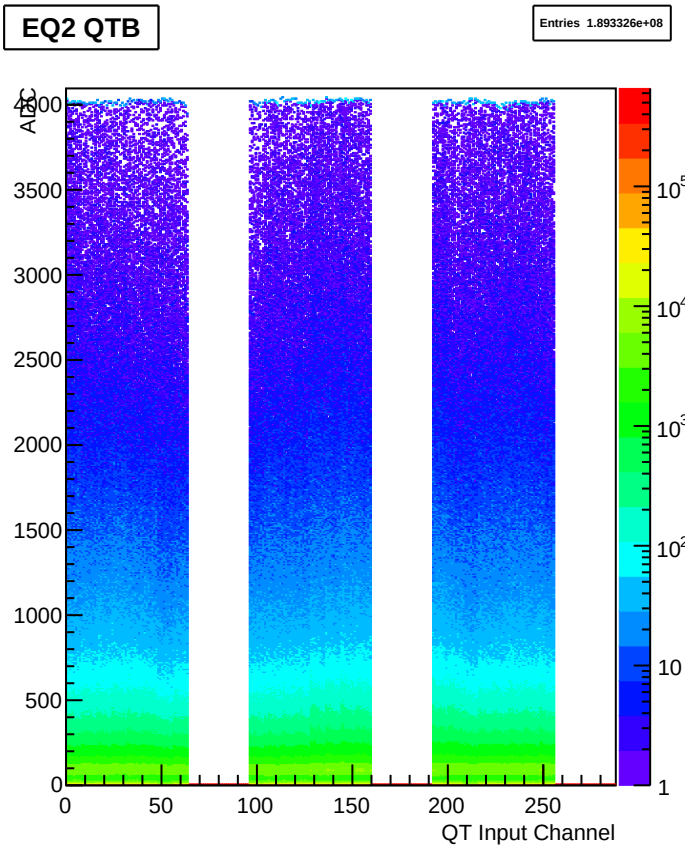

BBQ-VP002 West
Entries 1.051848e+07
ADC
QT Input Channel

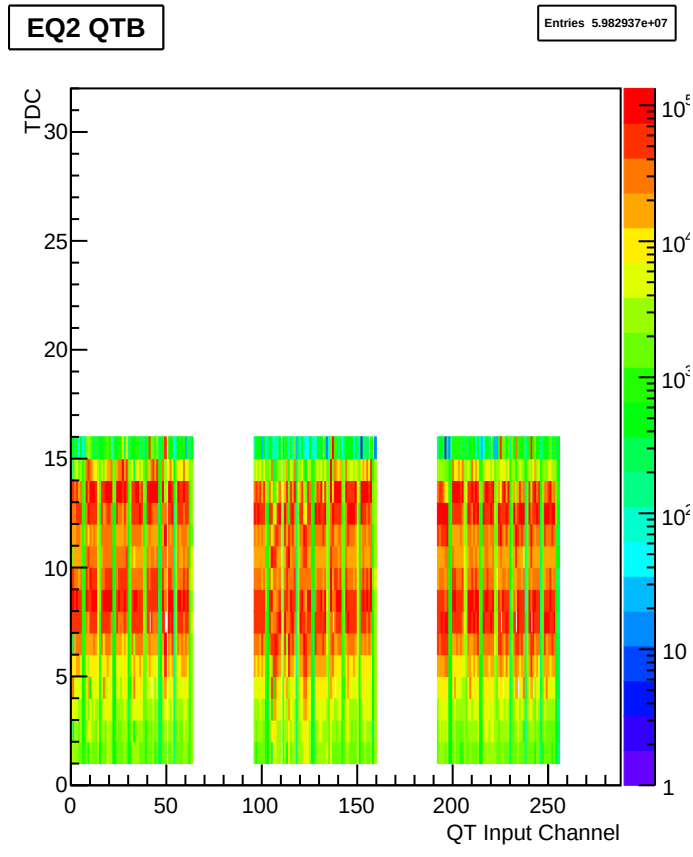

EQ1 QTB
Entries 1.893326e+08
ADC
QT Input Channel

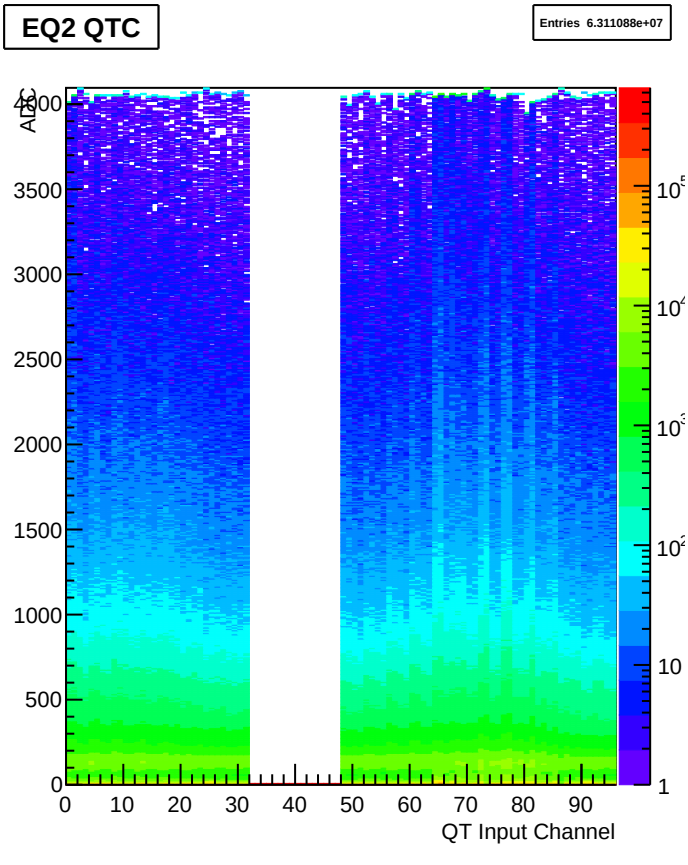

EQ1 QTB
Entries 6.208916e+07
TDC
QT Input Channel

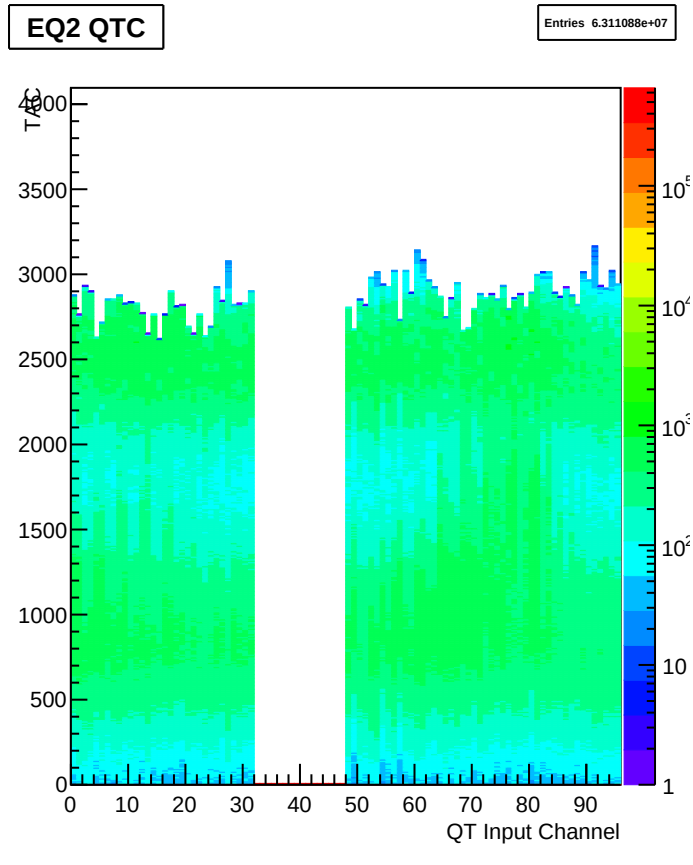

EQ1 QTC
Entries 6.311088e+07
ADC
QT Input Channel

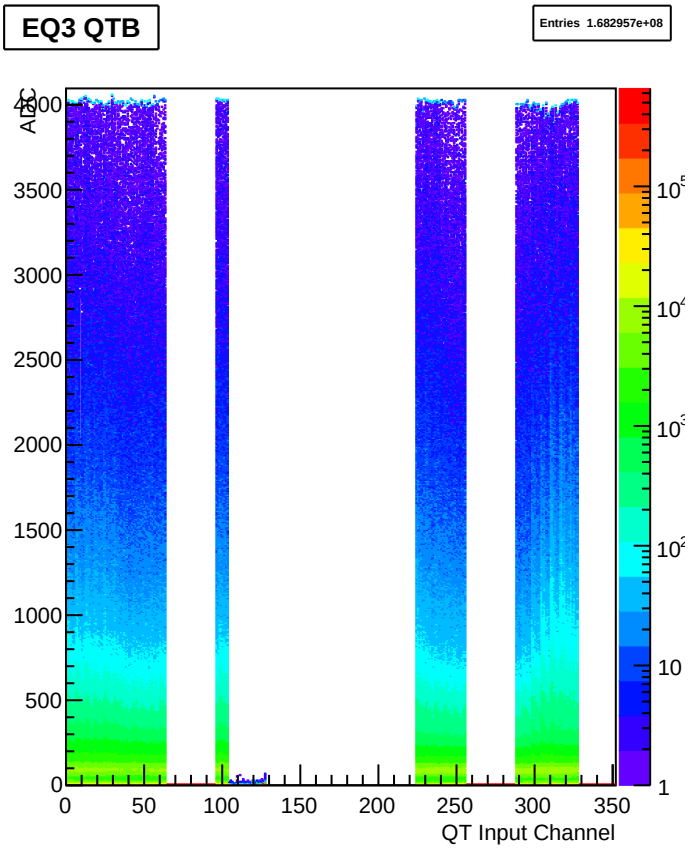

EQ1 QTC
Entries 6.311088e+07
TADC
QT Input Channel

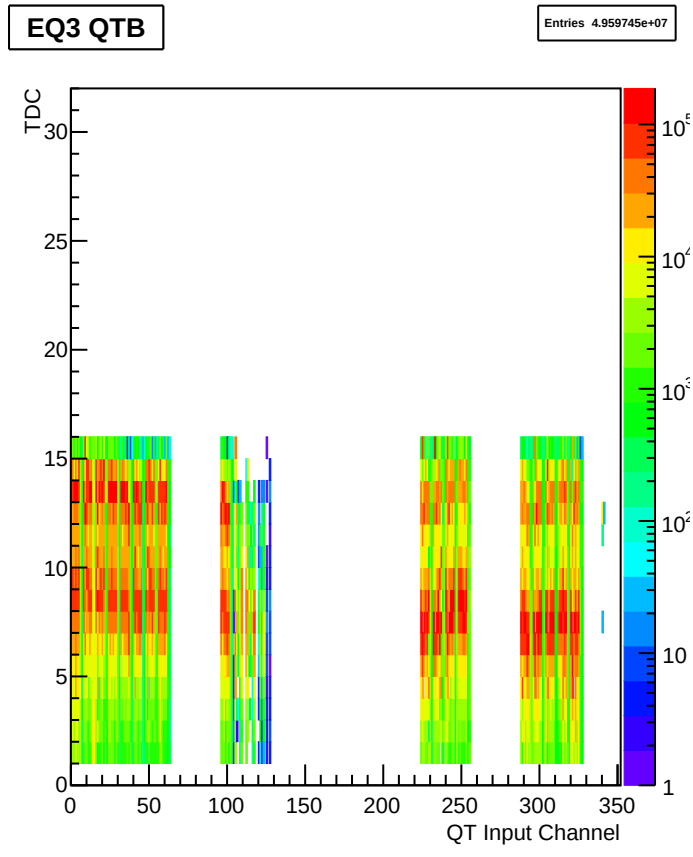

EQ2 QTB
Entries 1.893326e+08
ADC
QT Input Channel

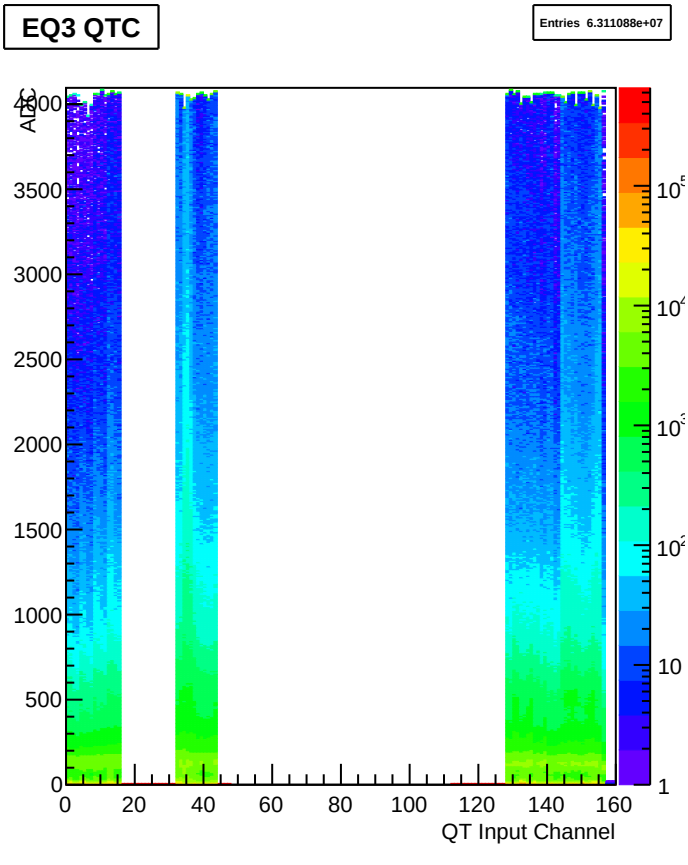

EQ2 QTB
Entries 5.982937e+07
TDC
QT Input Channel

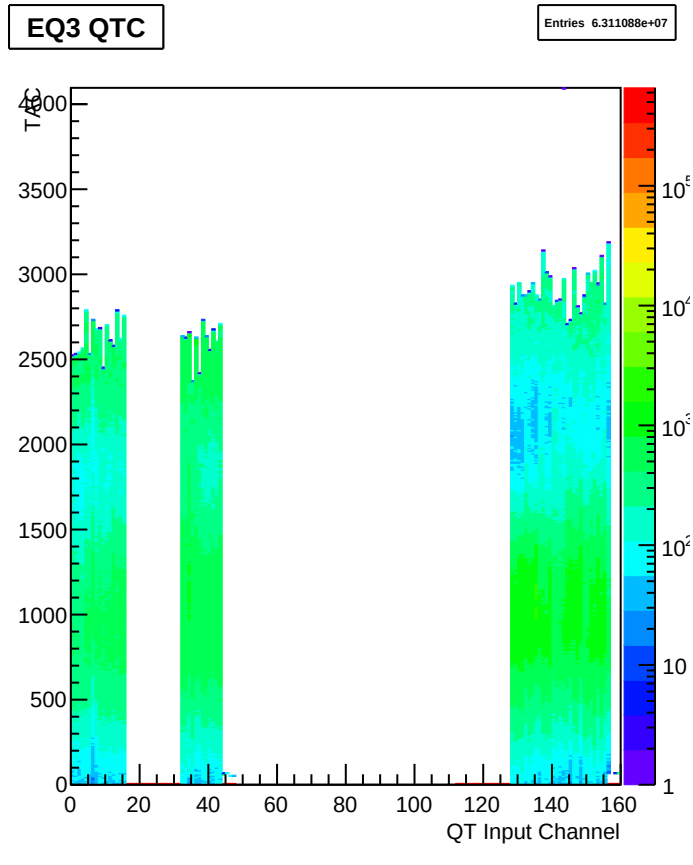

EQ2 QTC
Entries 6.311088e+07
ADC
QT Input Channel

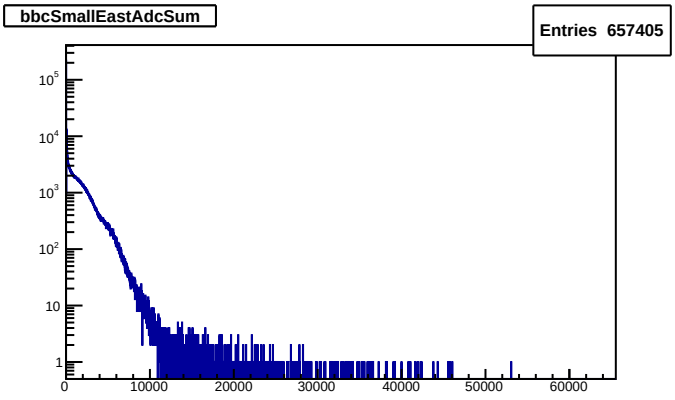

EQ2 QTC
Entries 6.311088e+07
TADC
QT Input Channel

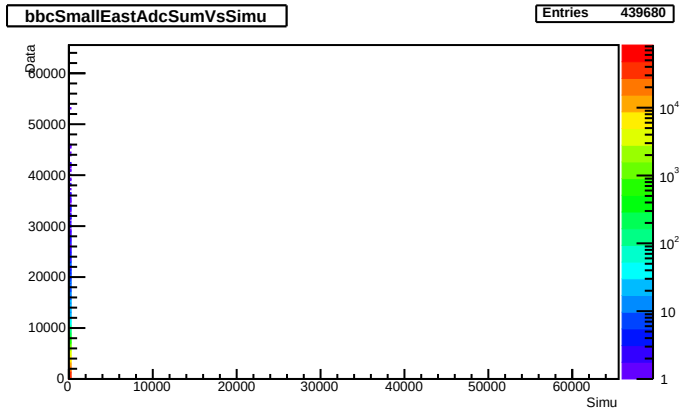

EQ3 QTB
Entries 1.682957e+08
ADC
QT Input Channel

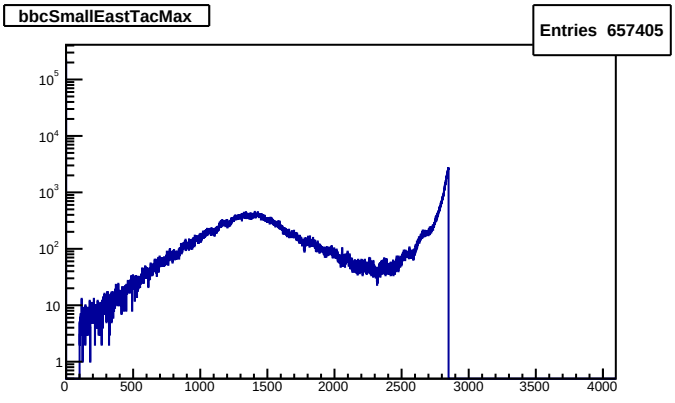

EQ3 QTB
Entries 4.959745e+07
TDC
QT Input Channel

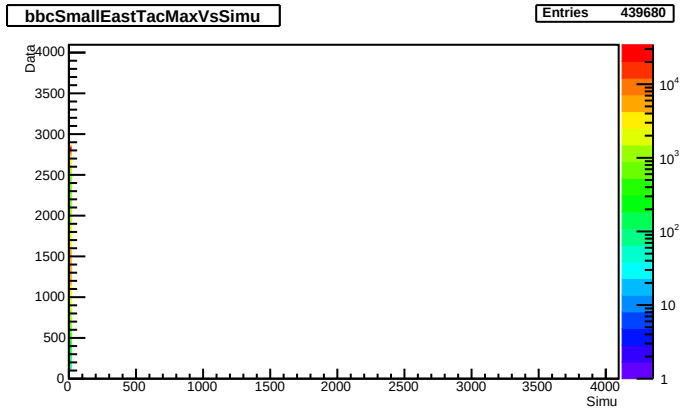

EQ3 QTC
Entries 6.311088e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.311088e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 657405


bbcSmallEastAdcSumVsSimu
Entries 439680
Data
Simu


bbcSmallEastTacMax
Entries 657405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Entries 439680
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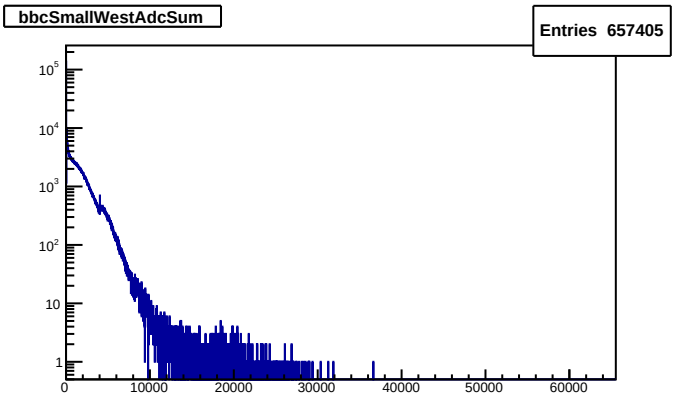
Simu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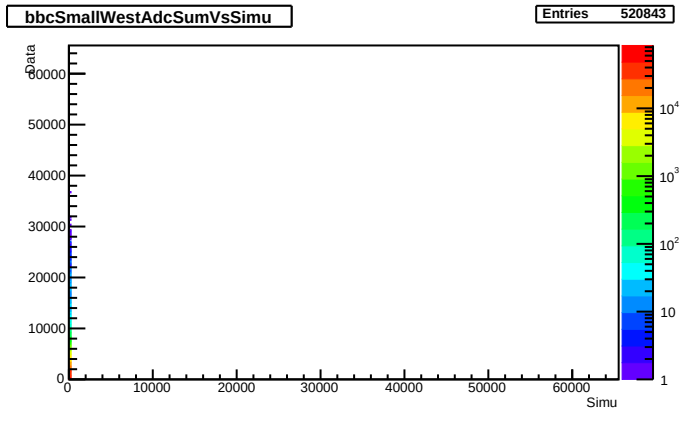
Entries 657405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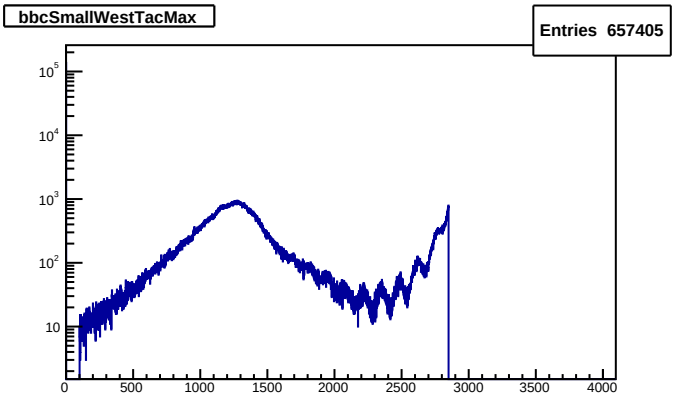
Entries 520843
Data
Simu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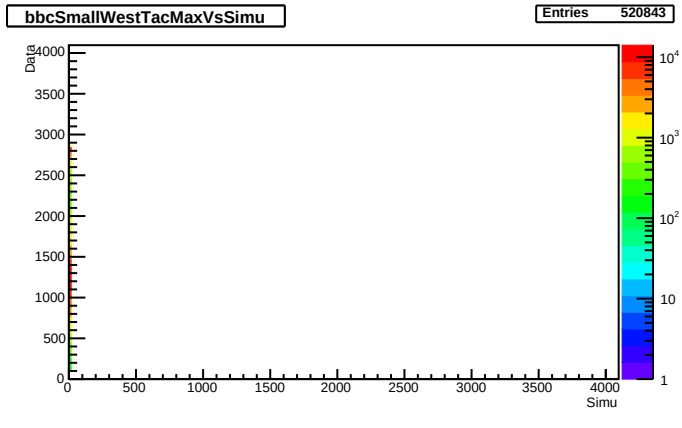
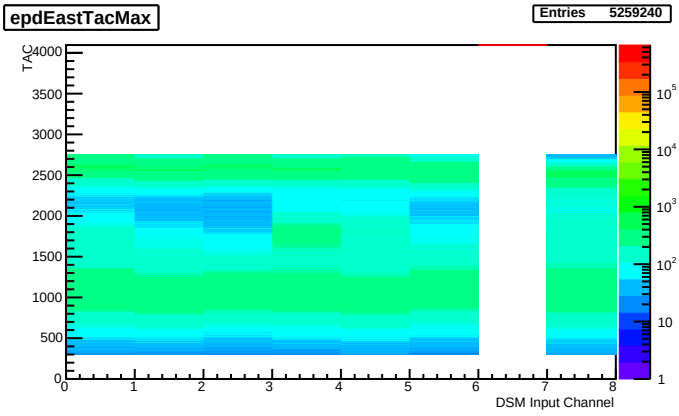
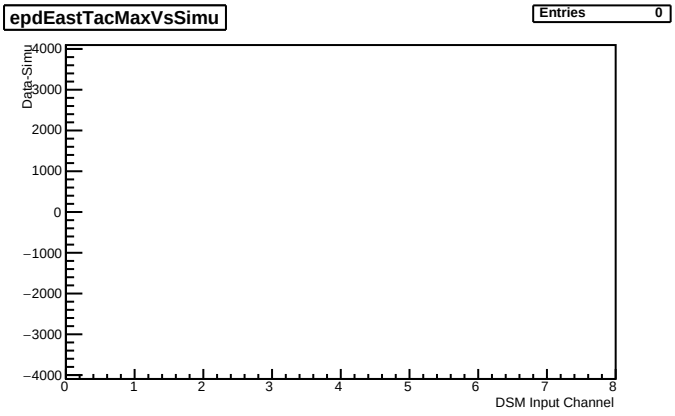
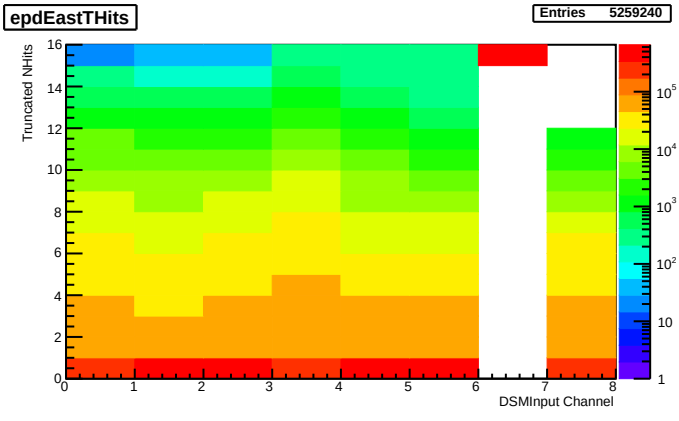
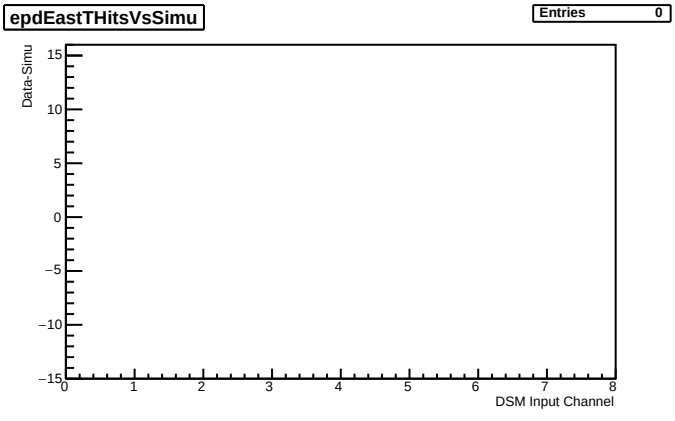
Entries 657405


bbcSmallWestTacMaxVsSimu
Entries 520843
Data
Simu


epdEastTacMax
Entries 5259240
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5259240
Truncated NHits
DSMInput Channel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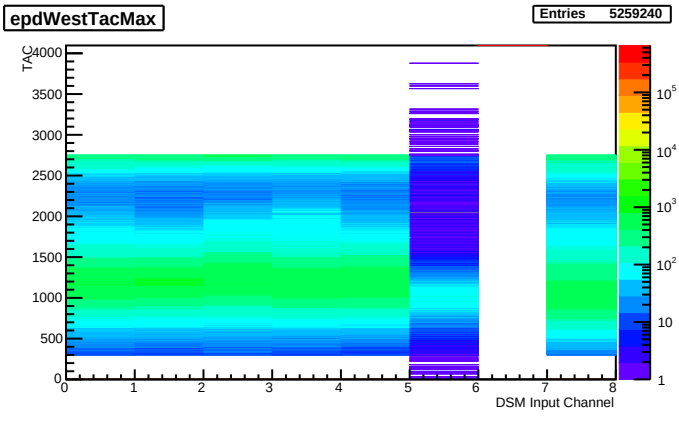
Data-Simu
DSM Input Channel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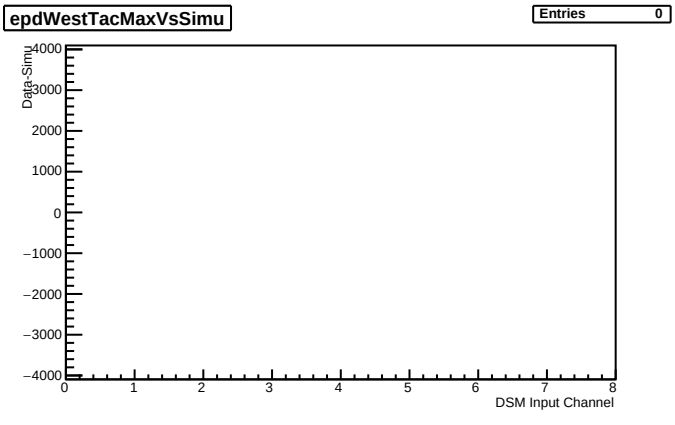
Entries 5259240
TAC
DSM Input Channel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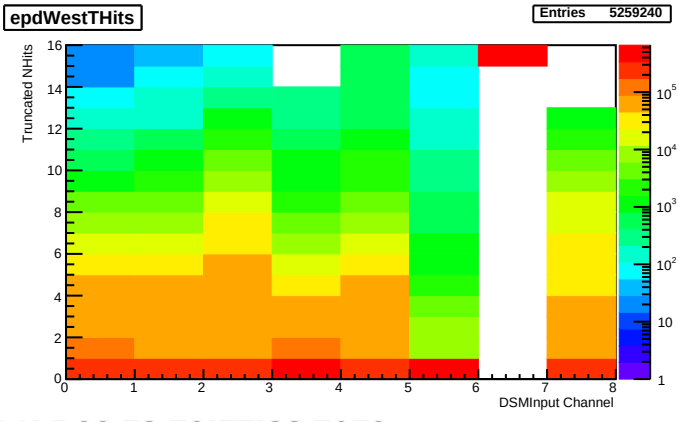
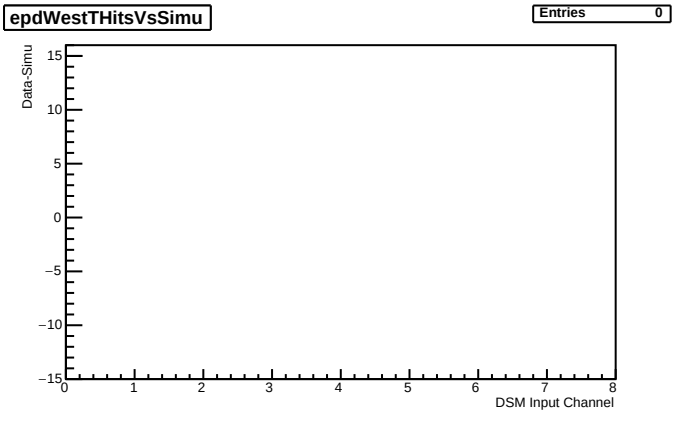
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5259240
Truncated NHits
DSMInput Channel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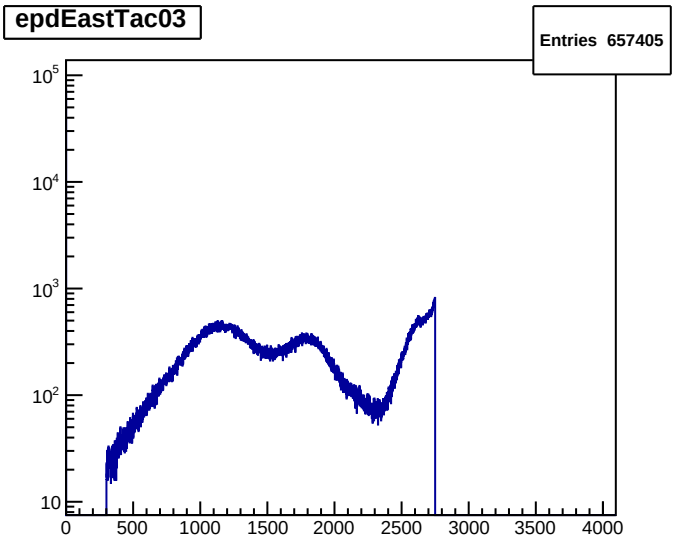
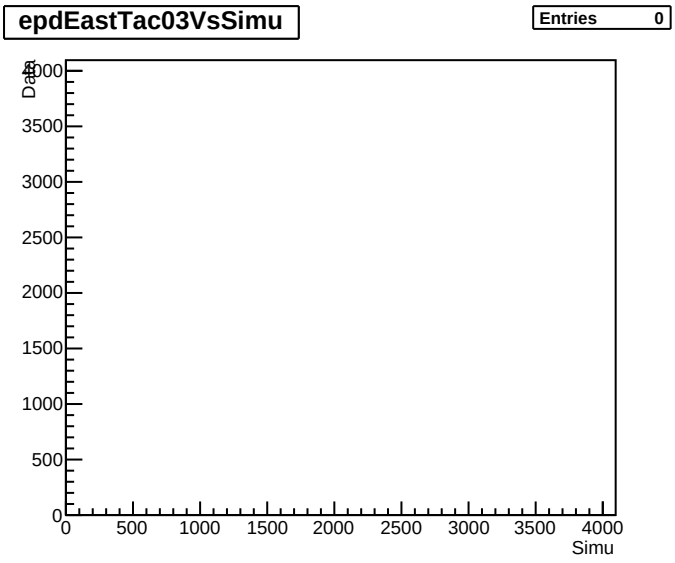
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 657405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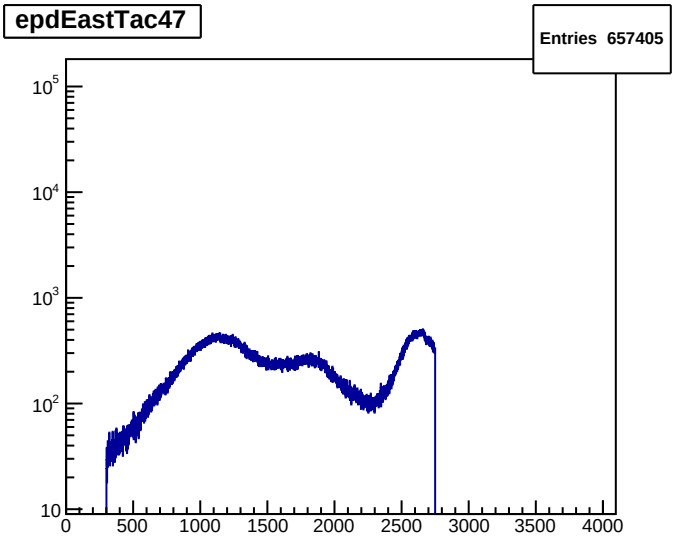
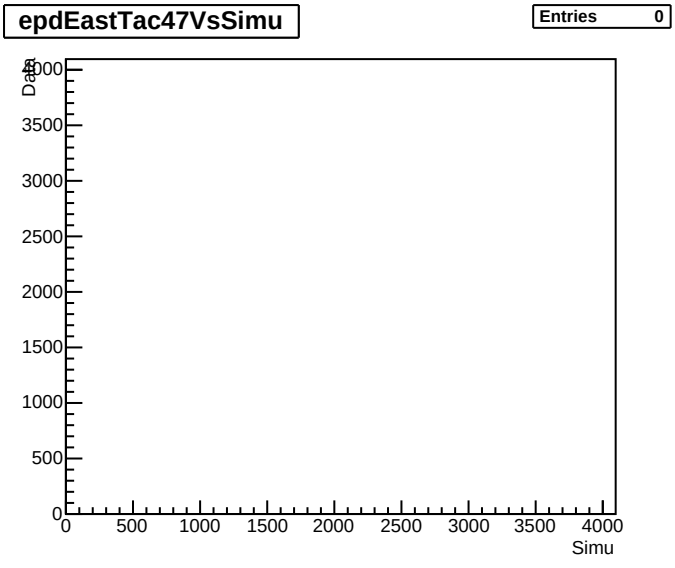
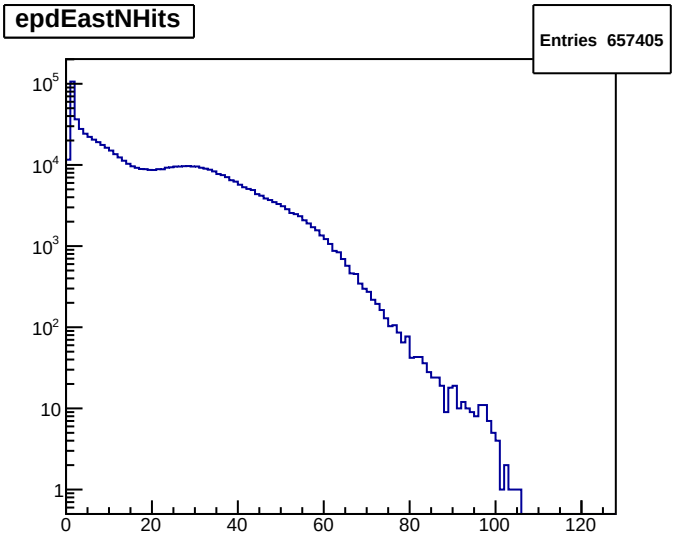
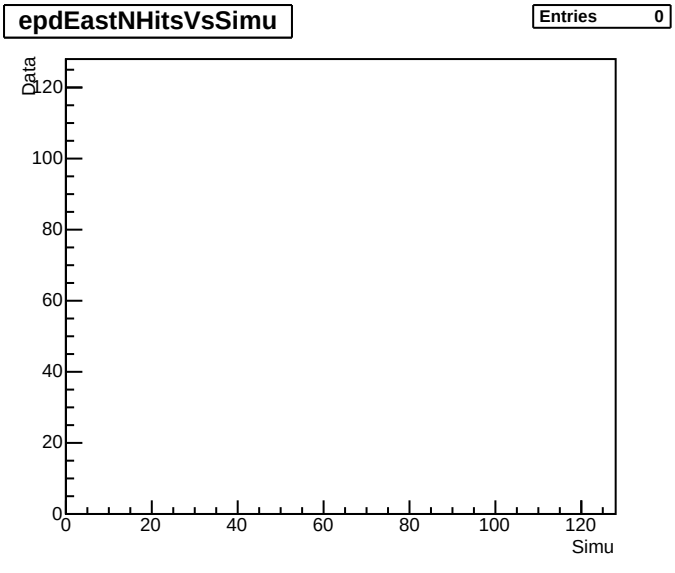
Entries 0
Data
Simu


epdEastTac47
Entries 657405


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 657405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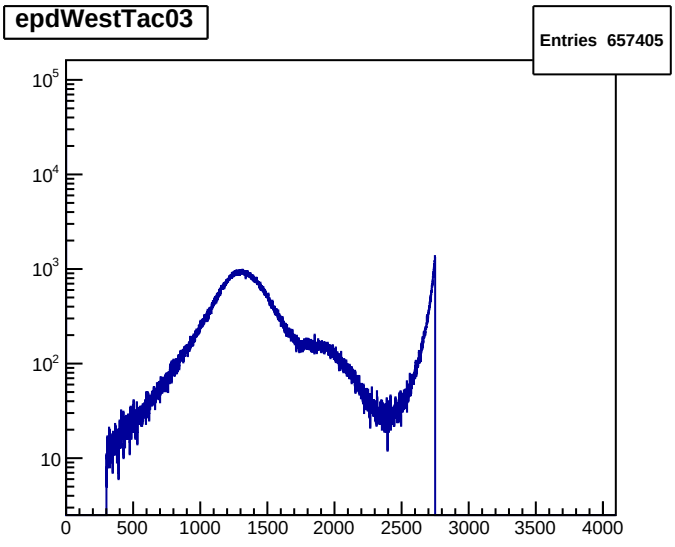
Entries 0
Data
Simu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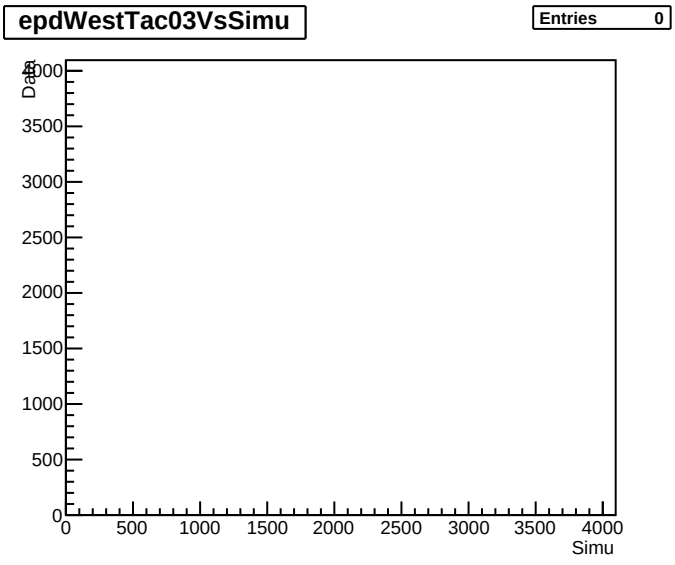
Entries 657405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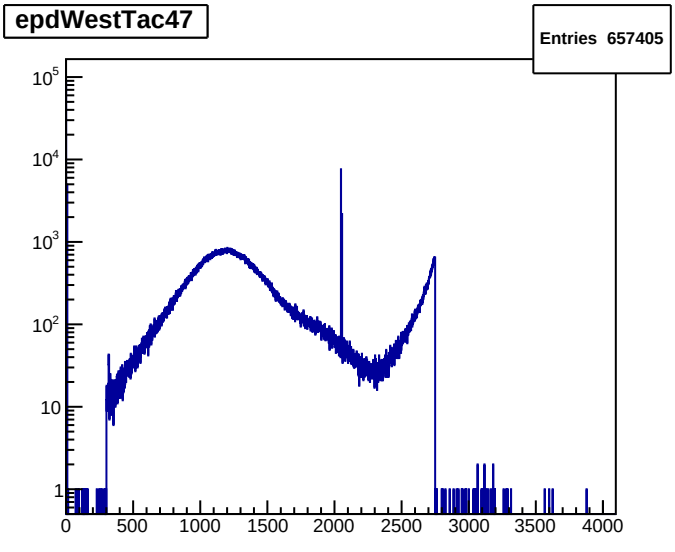
Entries 0
Data
Simu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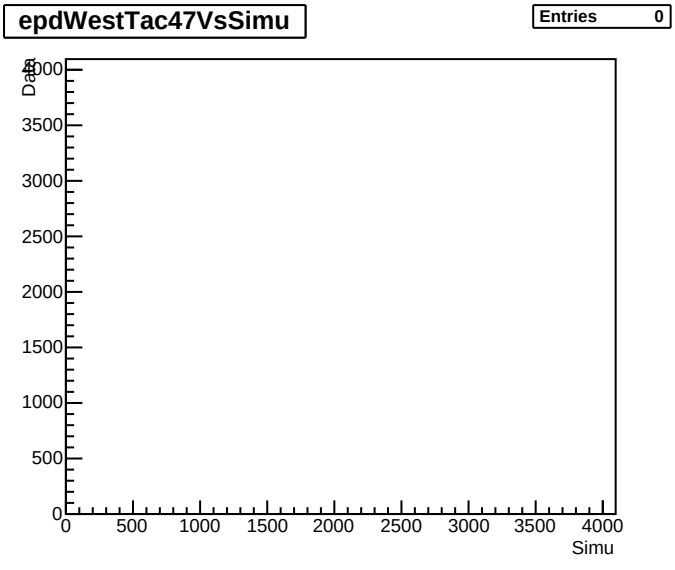
Entries 657405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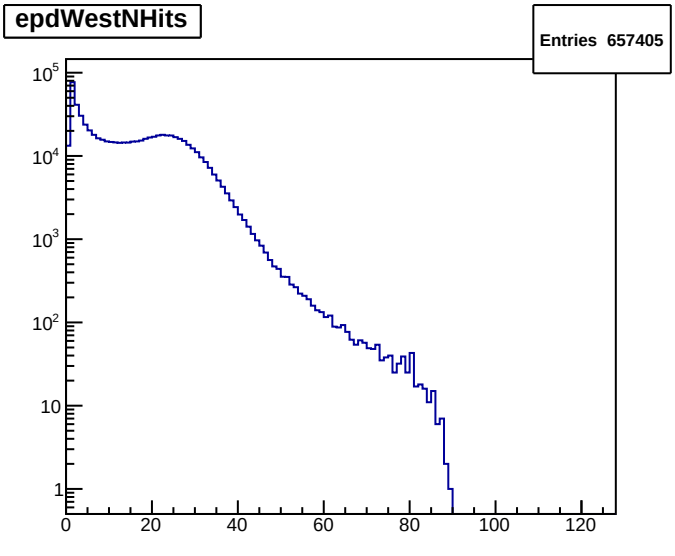
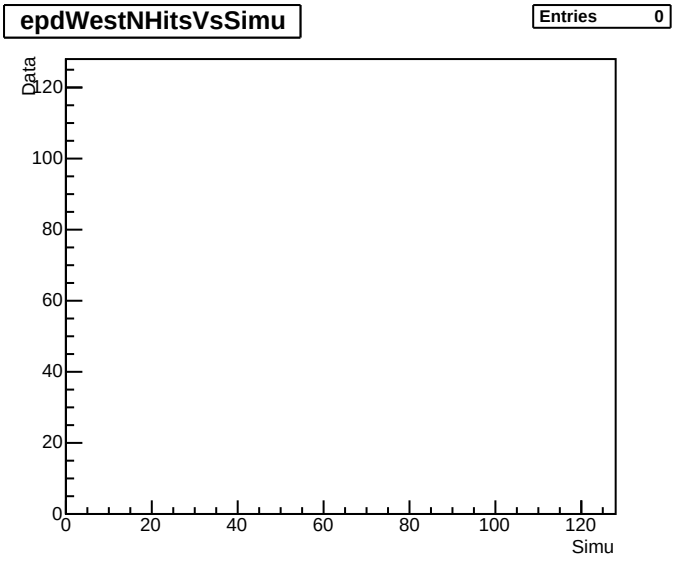
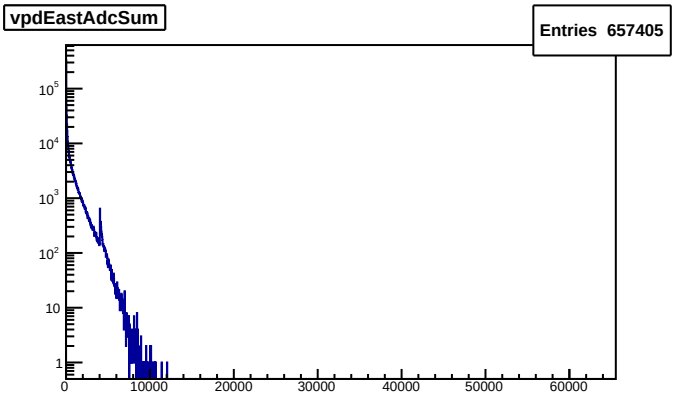
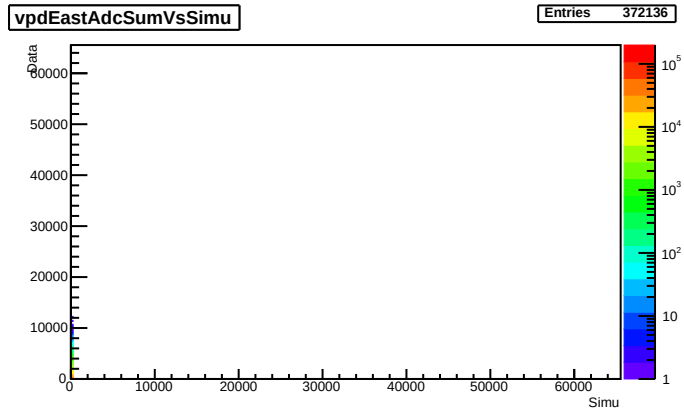
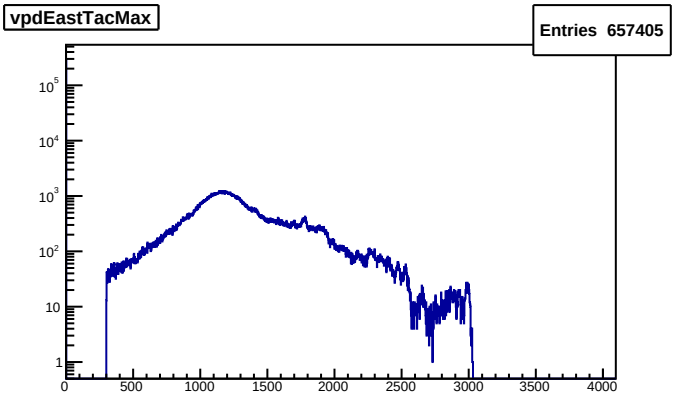
Entries 0
Data
Simu

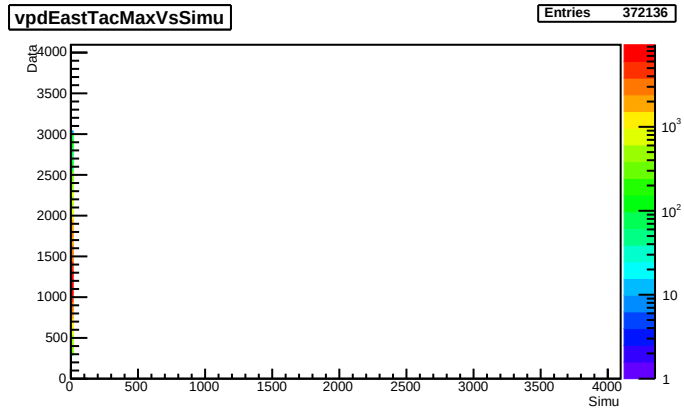

epdWestNHits
Entries 657405


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 657405


vpdEastAdcSumVsSimu
Entries 372136
Data
Simu


vpdEastTacMax
Entries 657405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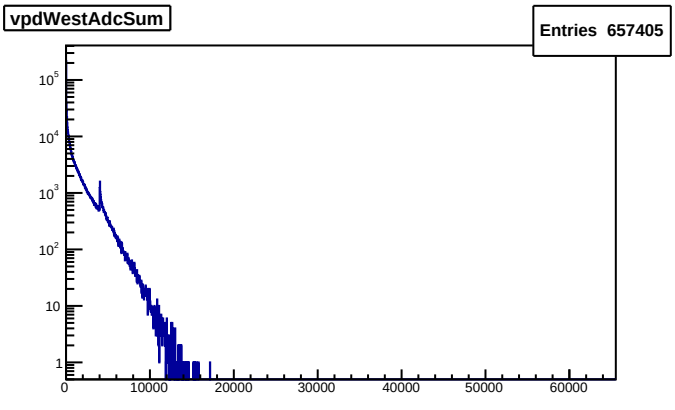
Entries 372136
Data
Simu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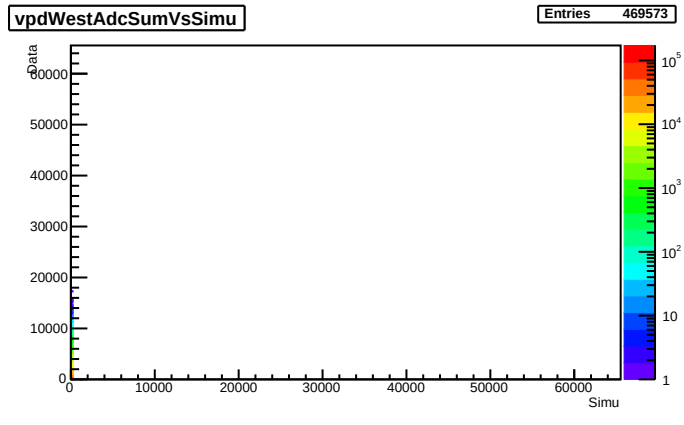
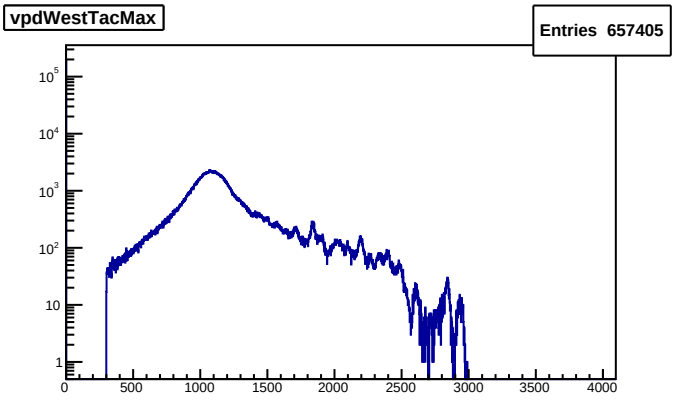
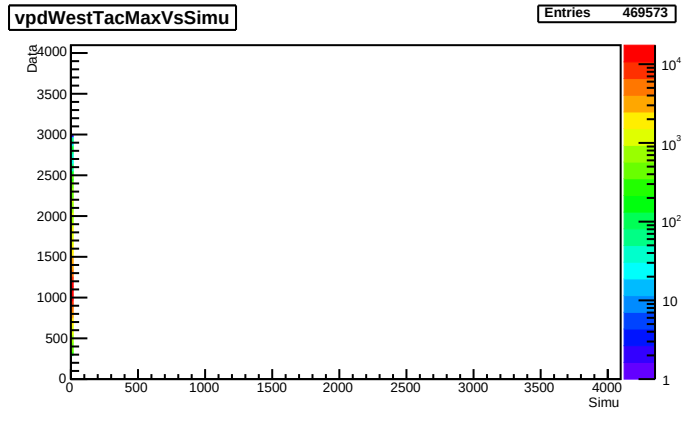
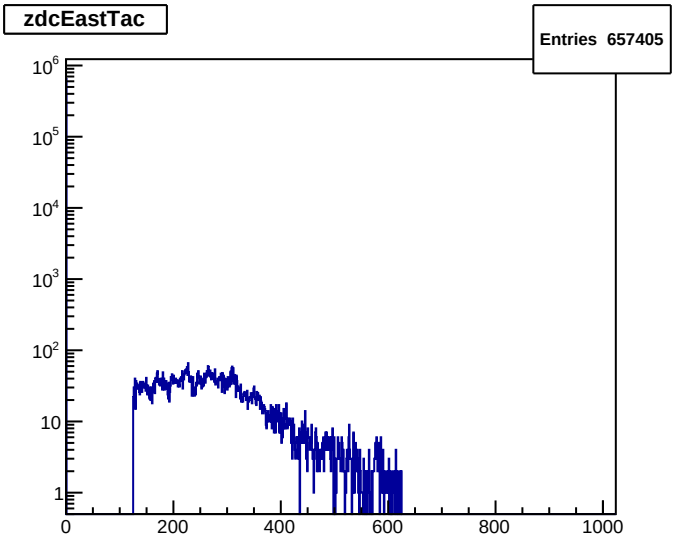
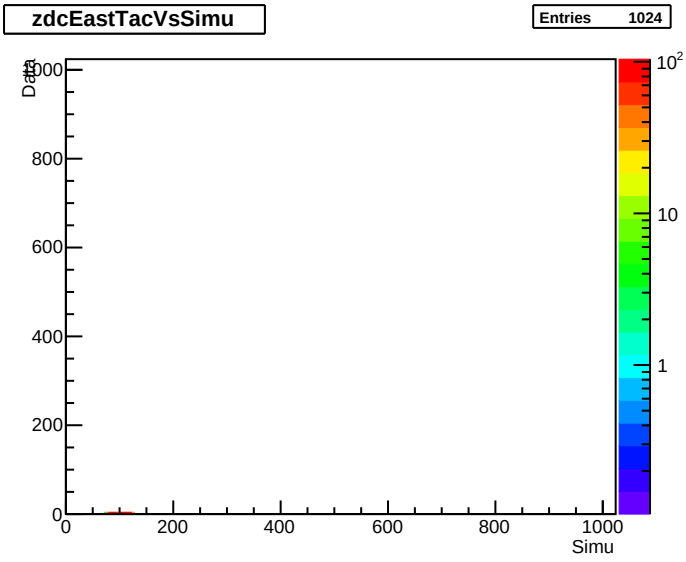
Entries 657405

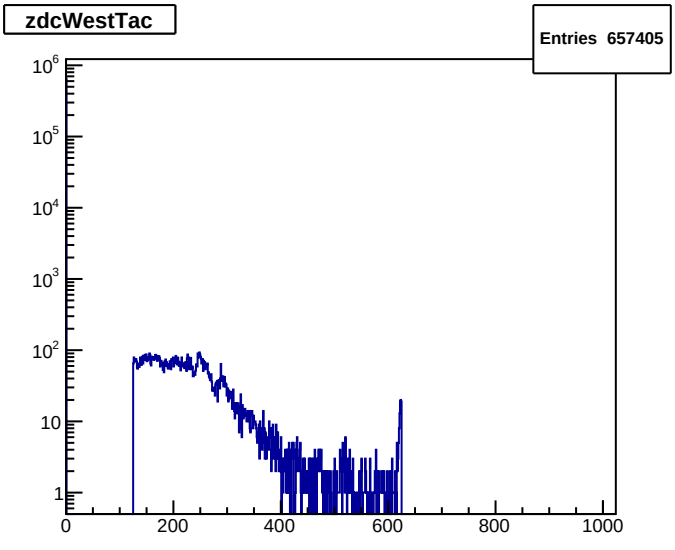

vpdWestAdcSumVsSimu
Entries 469573
Data
Simu

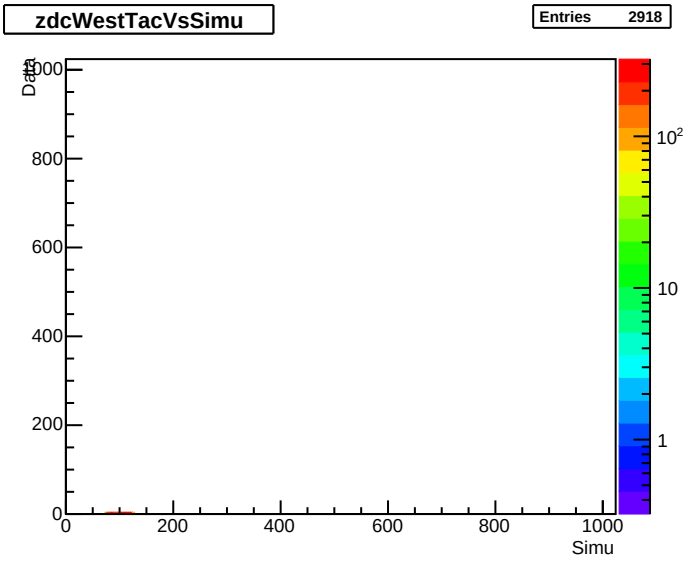

vpdWestTacMax
Entries 657405

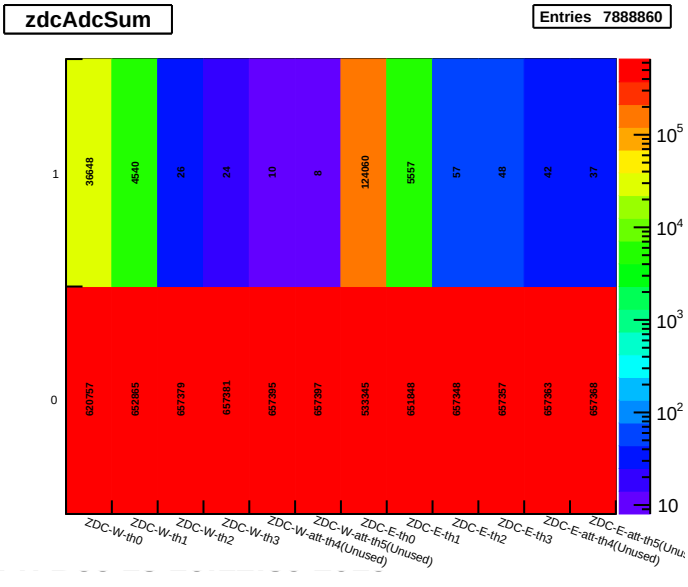

vpdWestTacMaxVsSimu
Entries 469573
Data
Simu

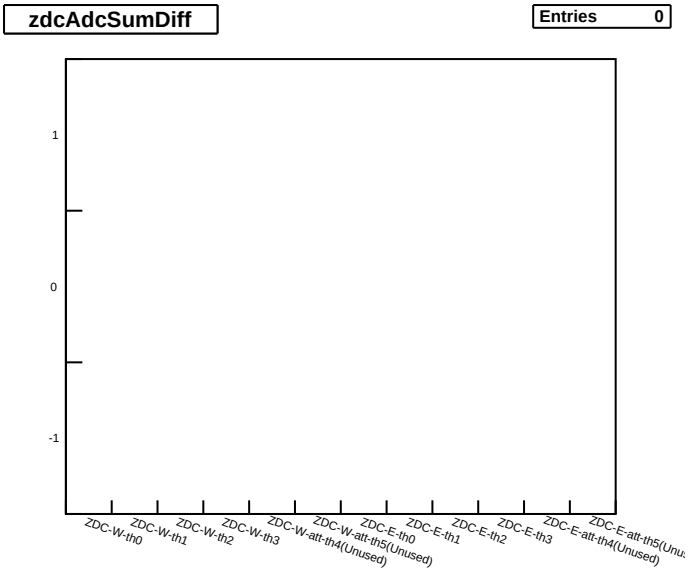

zdcEastTac
Entries 657405

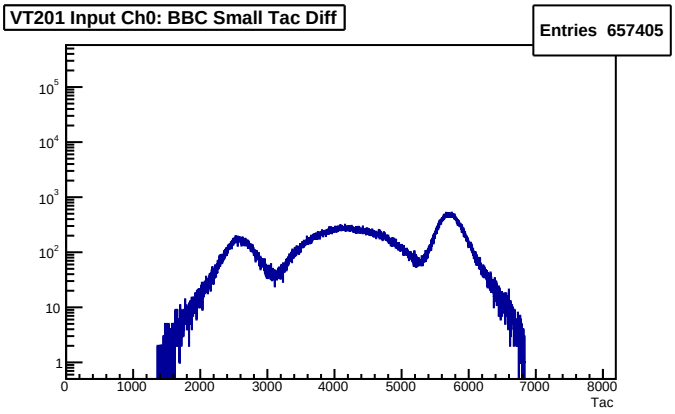

zdcEastTacVsSimu
Entries 1024
Data
Simu

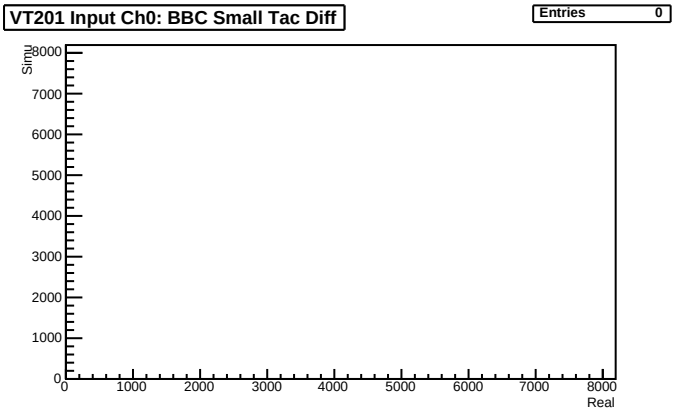

zdcWestTac
Entries 657405

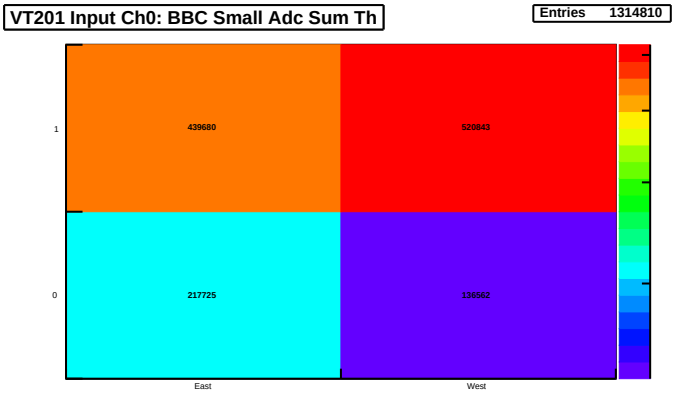

zdcWestTacVsSimu
Entries 2918
Data
Simu

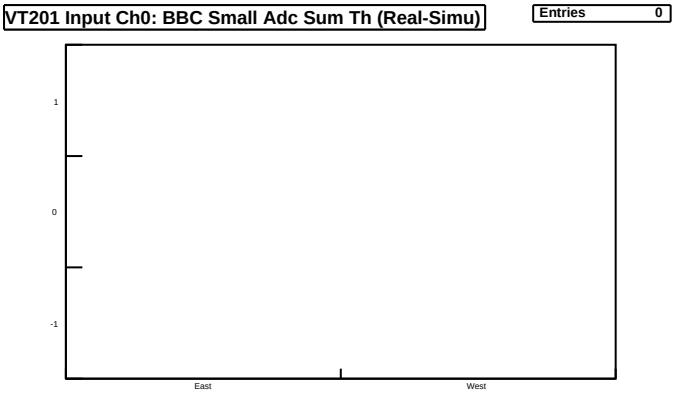

zdcAdcSum
Entries 7888860
36648
4540
26
24
10
8
124060
5557
57
48
42
37
620757
652865
657379
657381
657395
657397
533345
651846
657348
657357
657363
657388
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

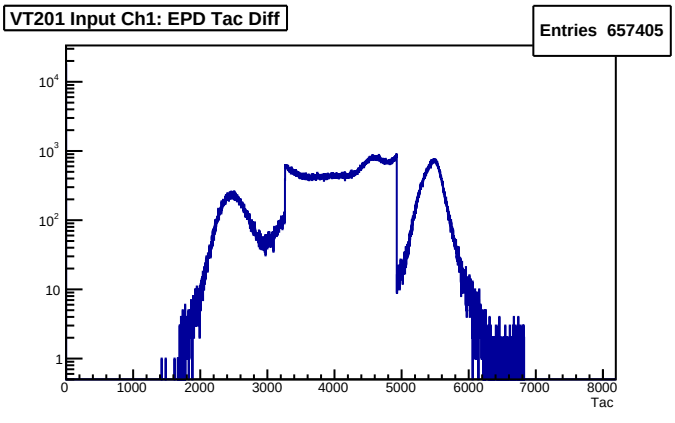

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

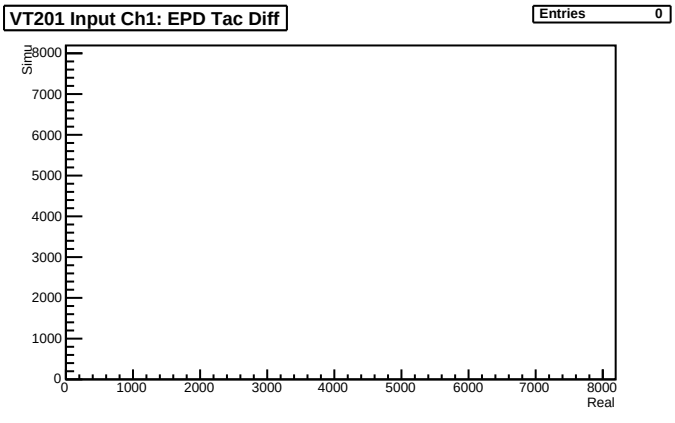

VT201 Input Ch0: BBC Small Tac Diff
Entries 657405
Tac

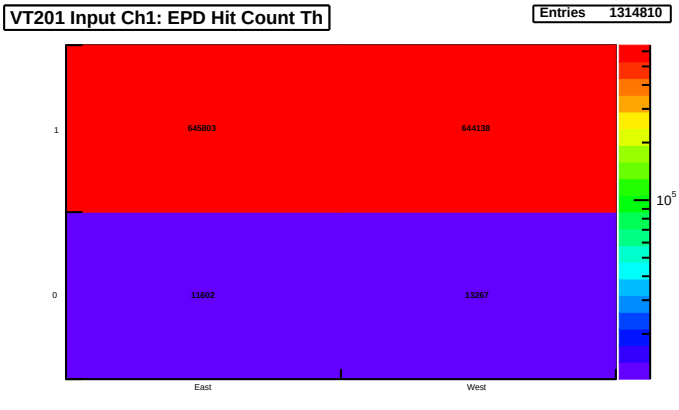

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

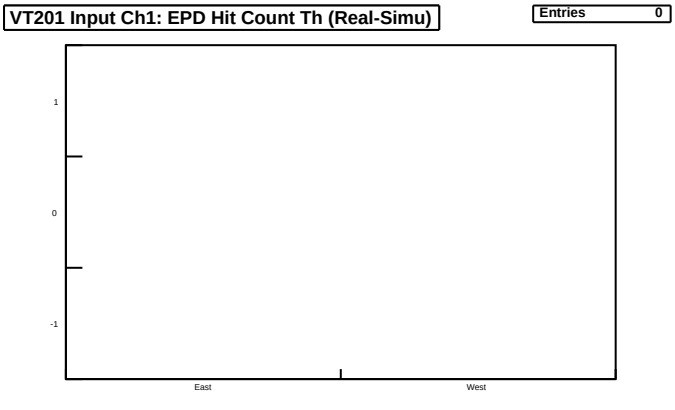

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1314810
439680
520843
217725
136562
East
West

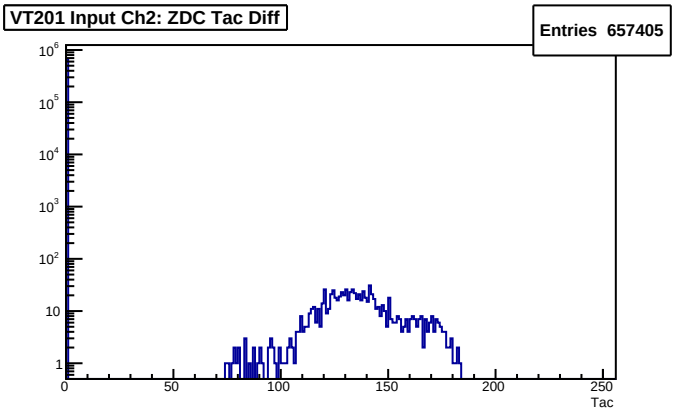

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

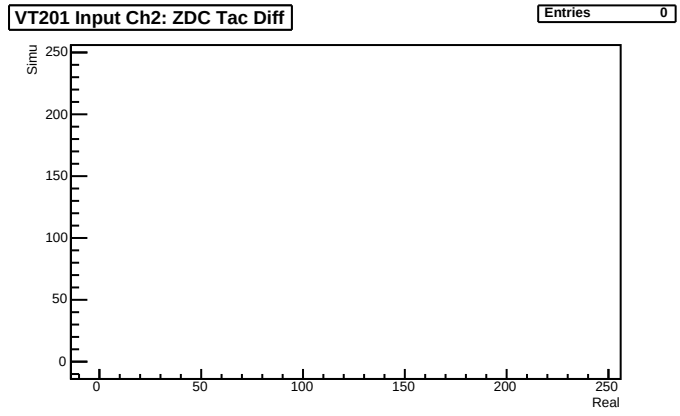

VT201 Input Ch1: EPD Tac Diff
Entries 657405
Tac

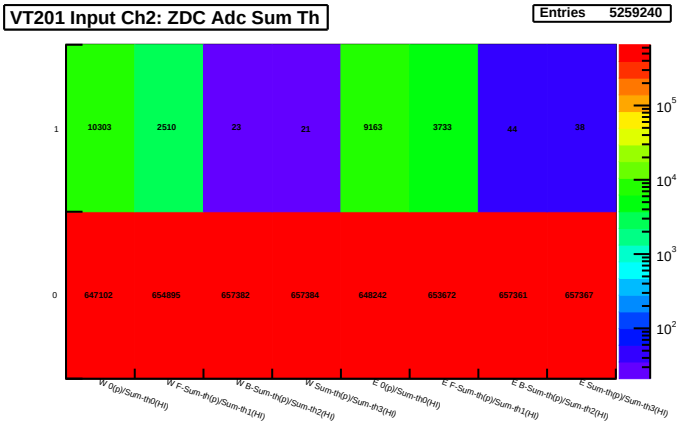

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

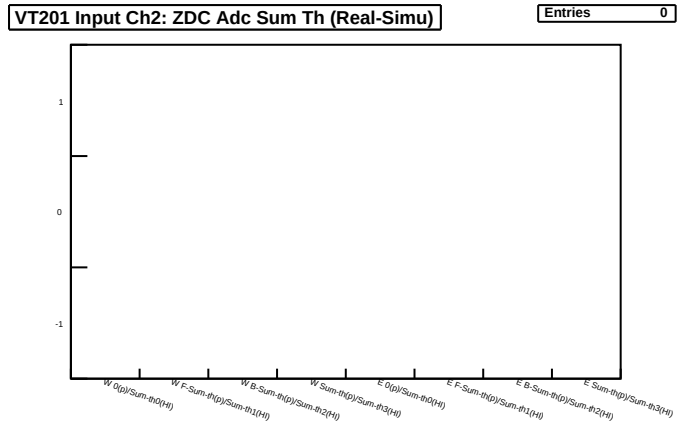

VT201 Input Ch1: EPD Hit Count Th
Entries 1314810
645803
644138
11602
13267
East
West

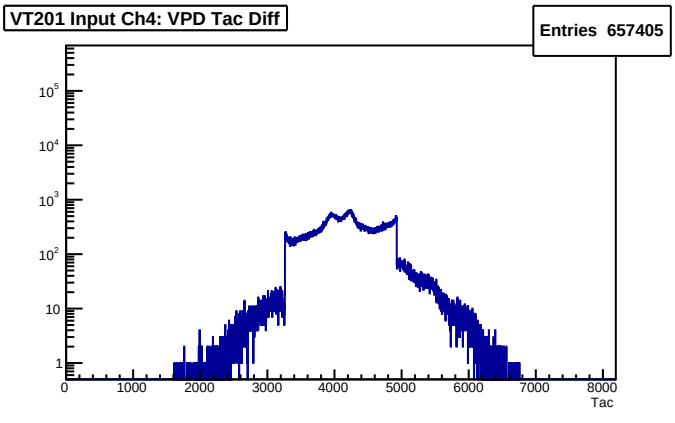

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

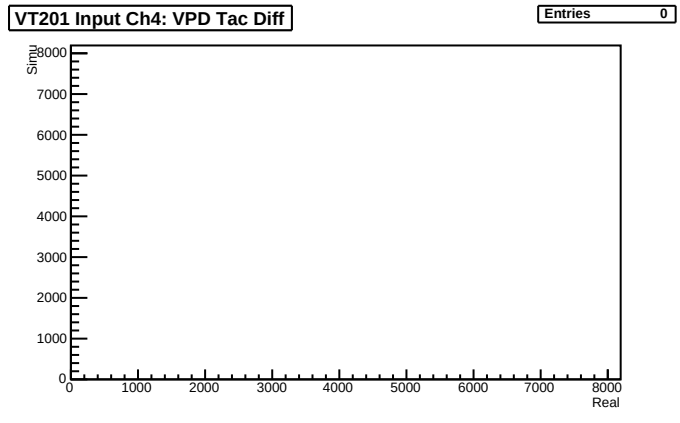

VT201 Input Ch2: ZDC Tac Diff
Entries 657405
Tac

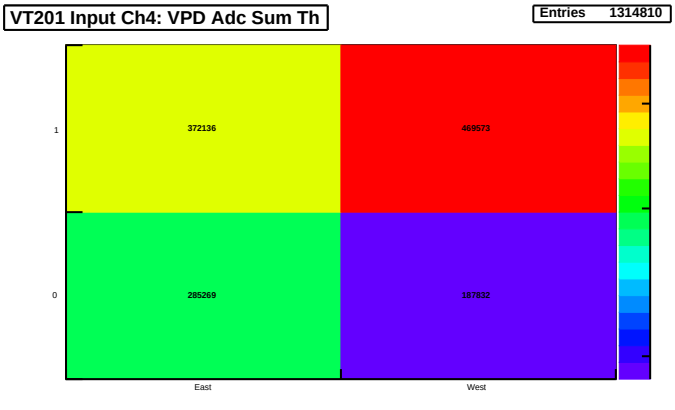

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

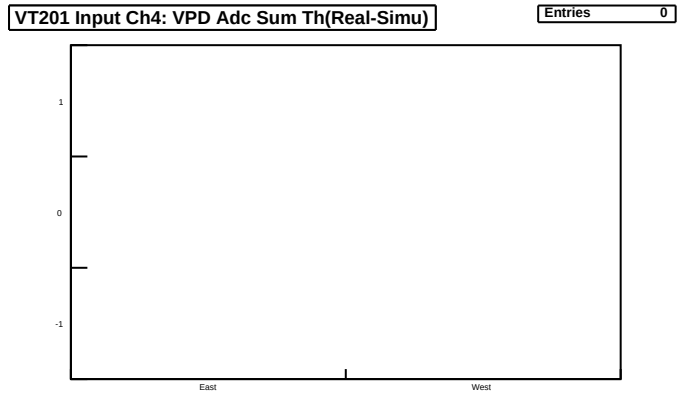

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5259240
10303
2510
23
21
9163
3733
44
38
647102
654895
657382
657384
648242
653672
657361
657367
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

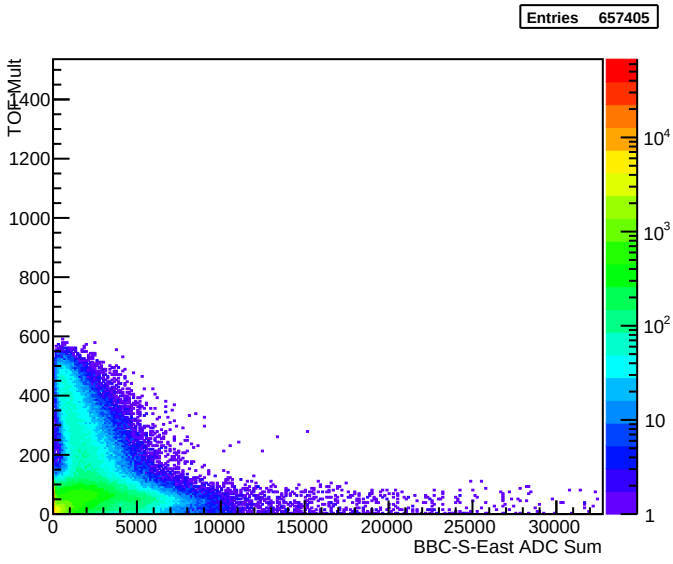

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

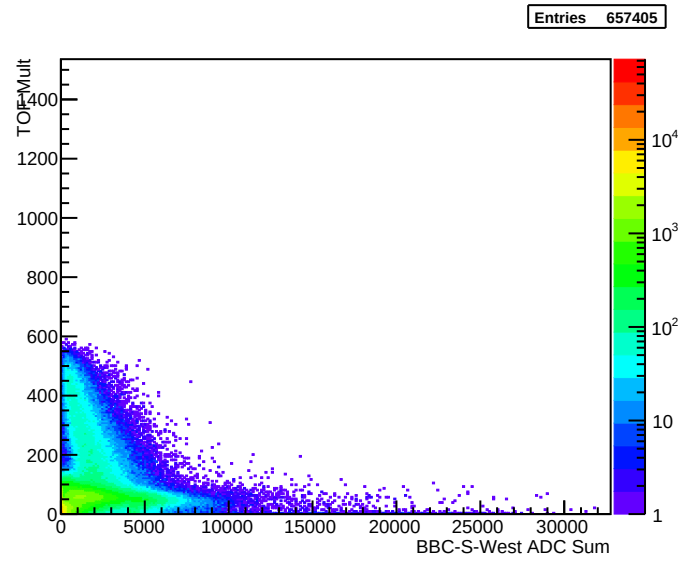

VT201 Input Ch4: VPD Tac Diff
Entries 657405
Tac

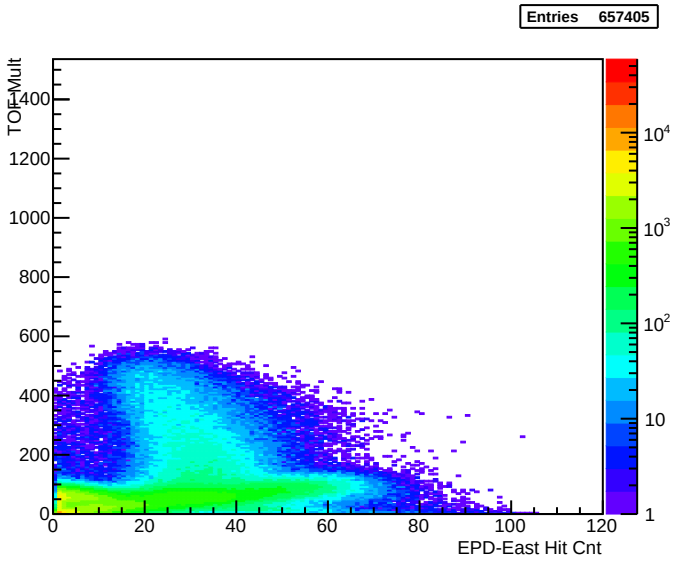

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

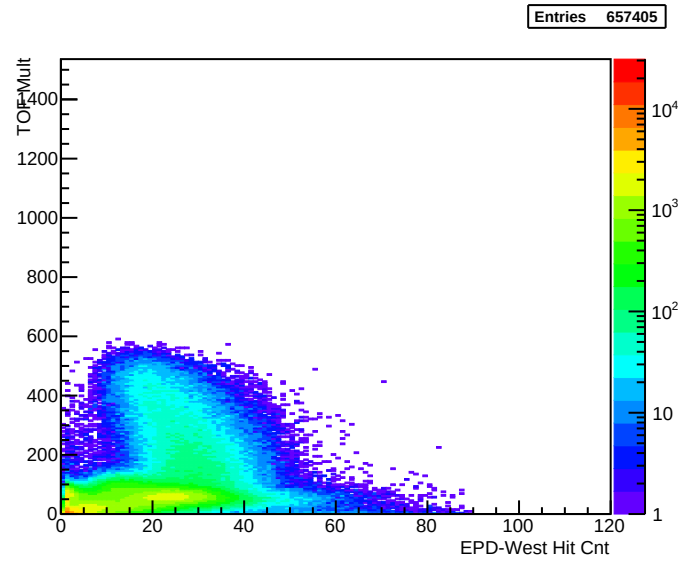

VT201 Input Ch4: VPD Adc Sum Th
Entries 1314810
372136
469573
285269
187832
East
West

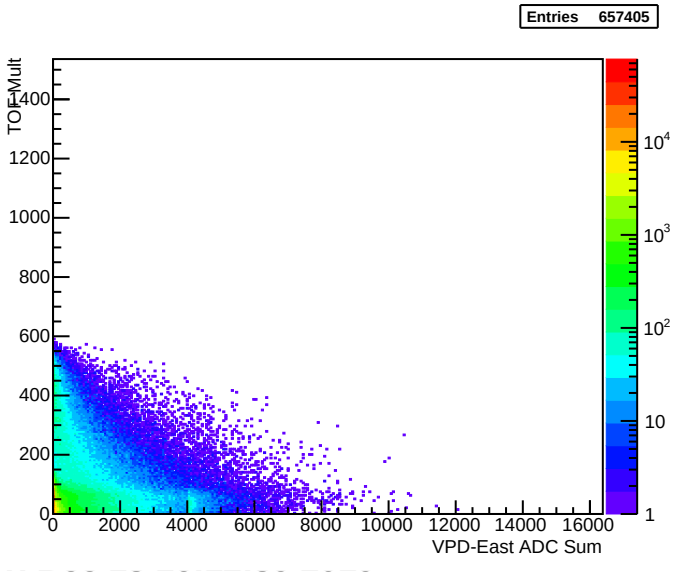

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

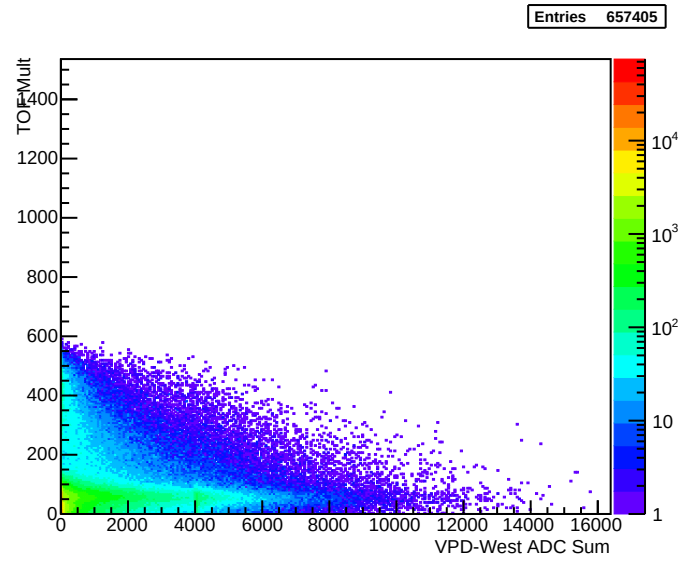

Entries 657405
TOF-Mult
BBC-S-East ADC Sum

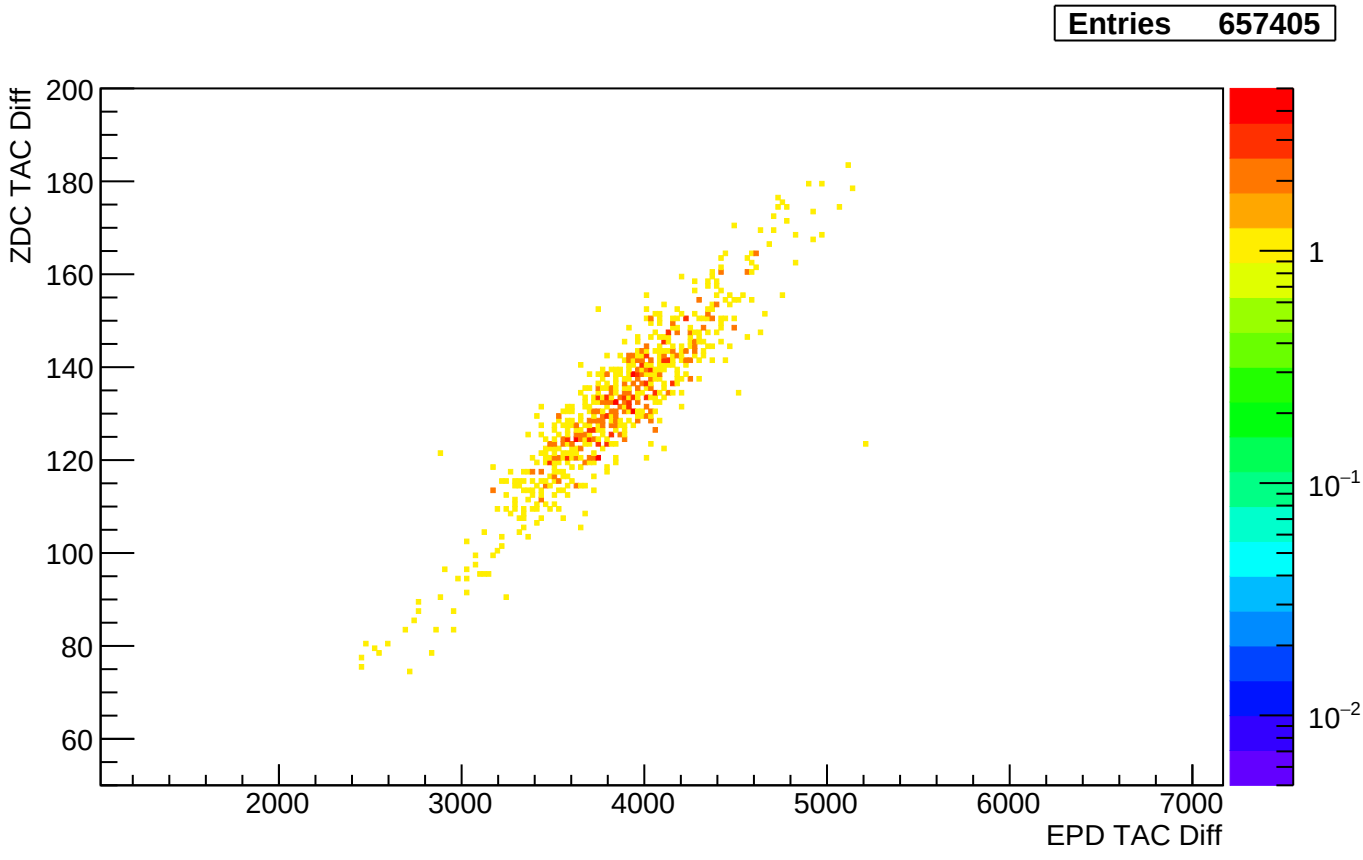

Entries 657405
TOF-Mult
BBC-S-West ADC Sum

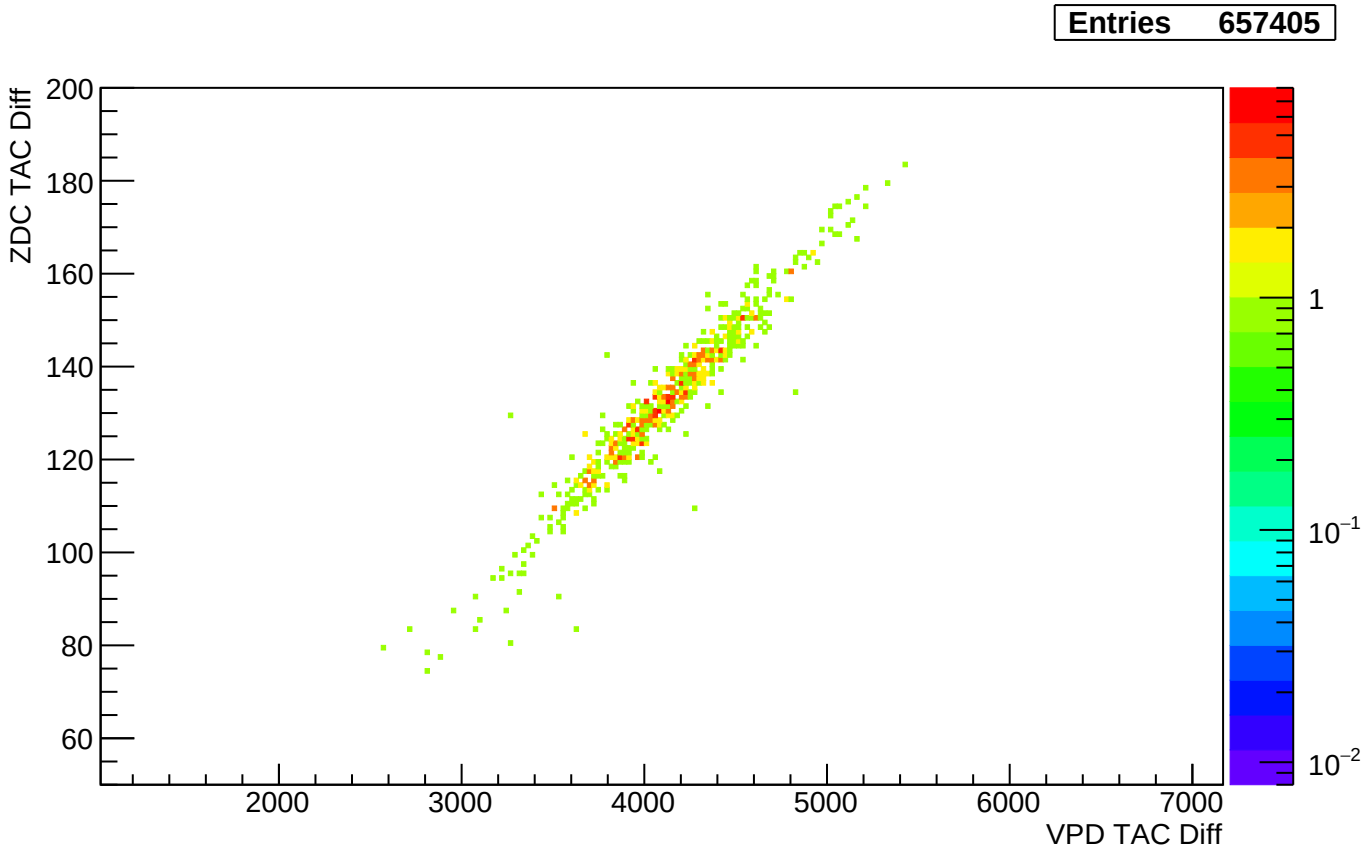

Entries 657405
TOF-Mult
EPD-East Hit Cnt

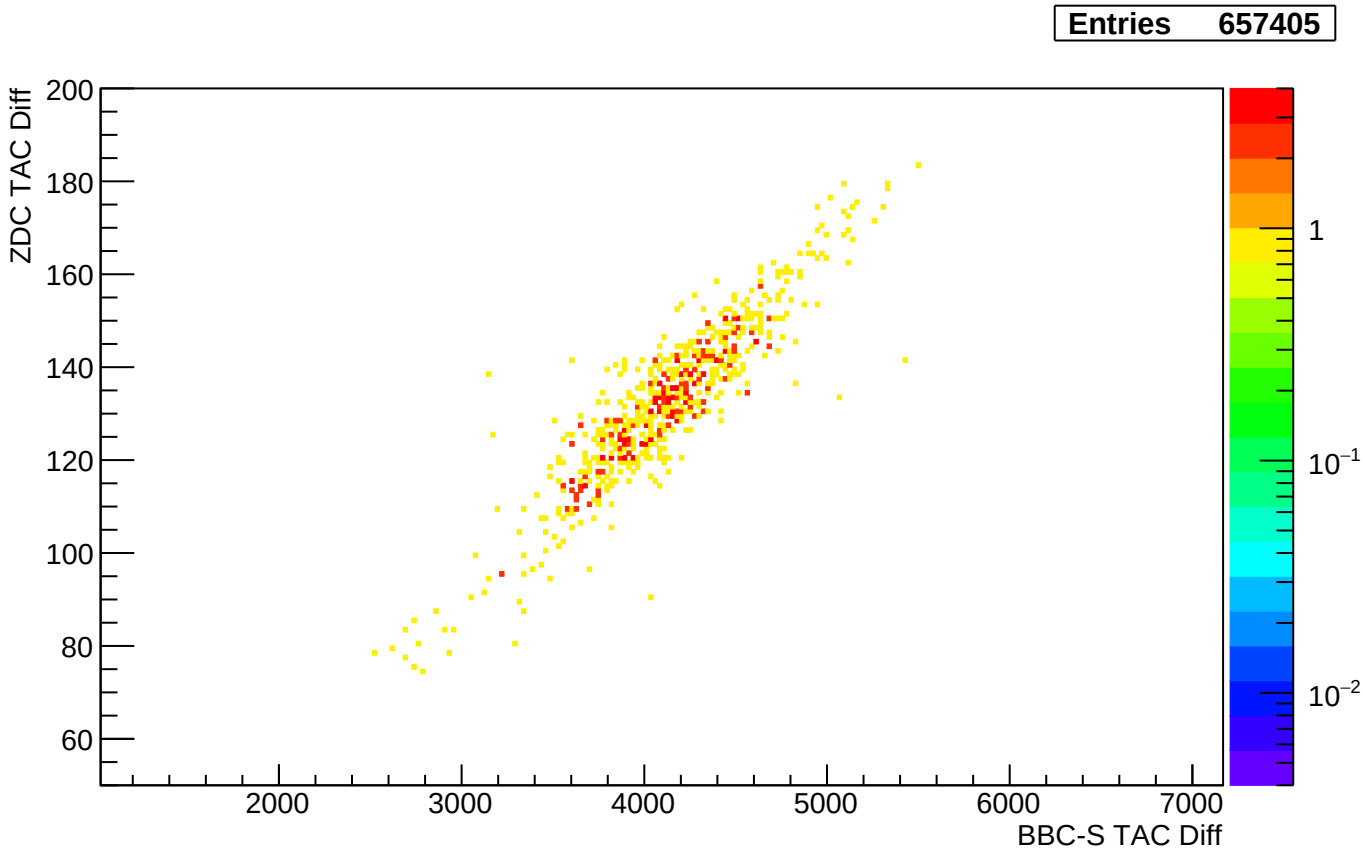

Entries 657405
TOF-Mult
EPD-West Hit Cnt

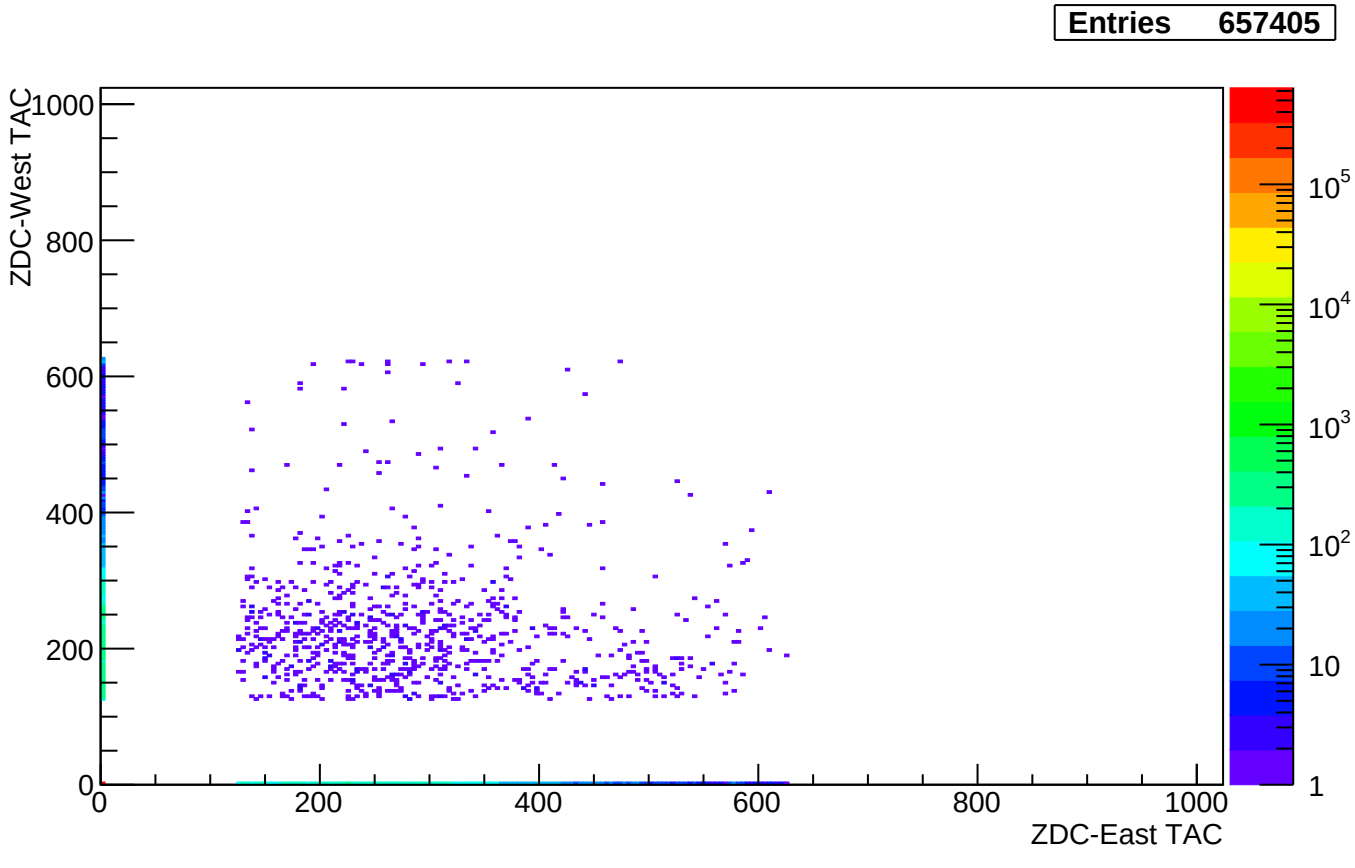

Entries 657405
TOF-Mult
VPD-East ADC Sum

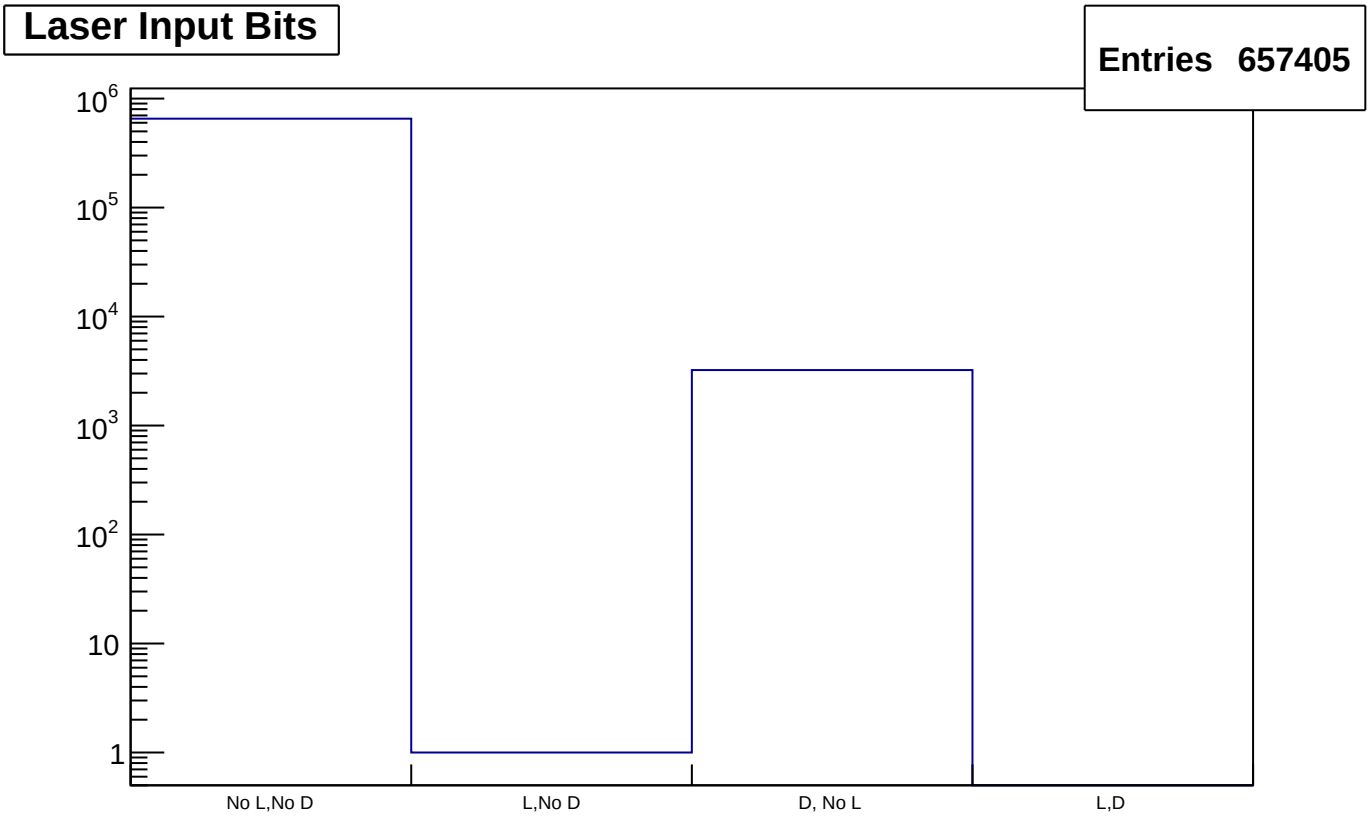

Entries 657405
TOF-Mult
VPD-West ADC Sum

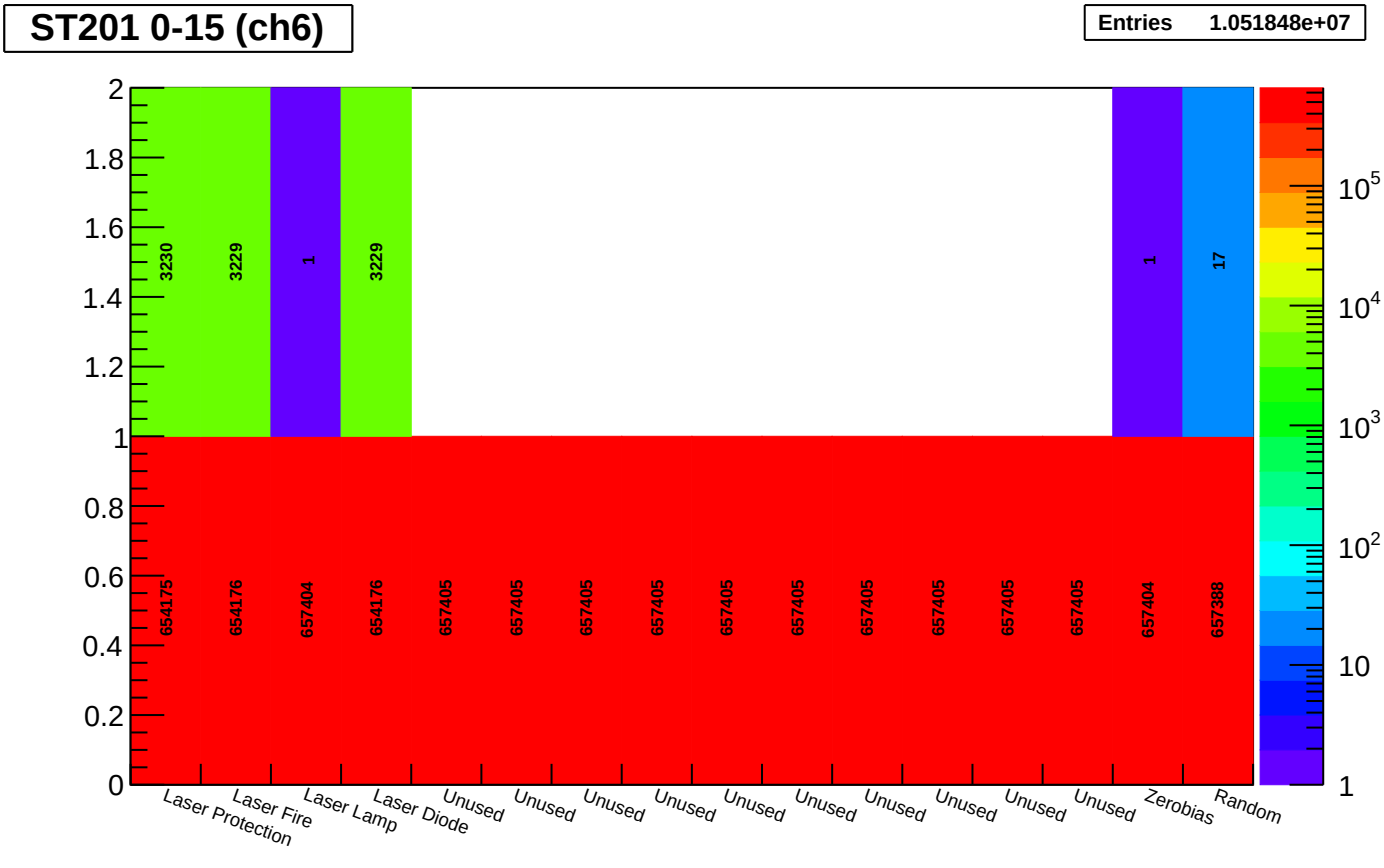

Entries 657405
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 657405
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}

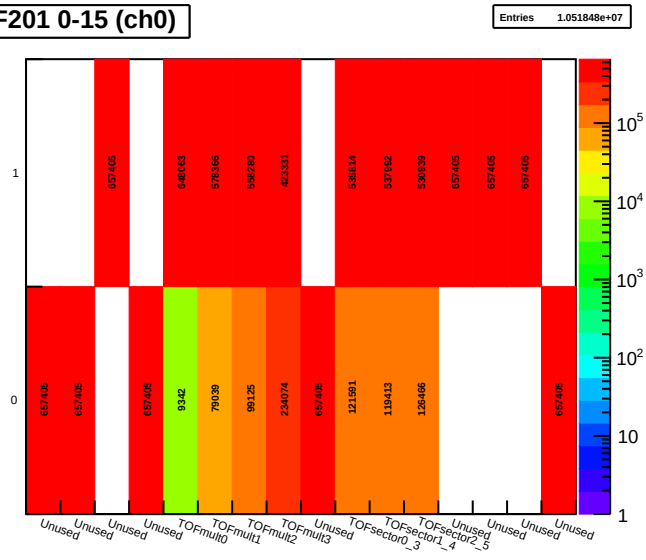

Entries 657405
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}


Entries 657405
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

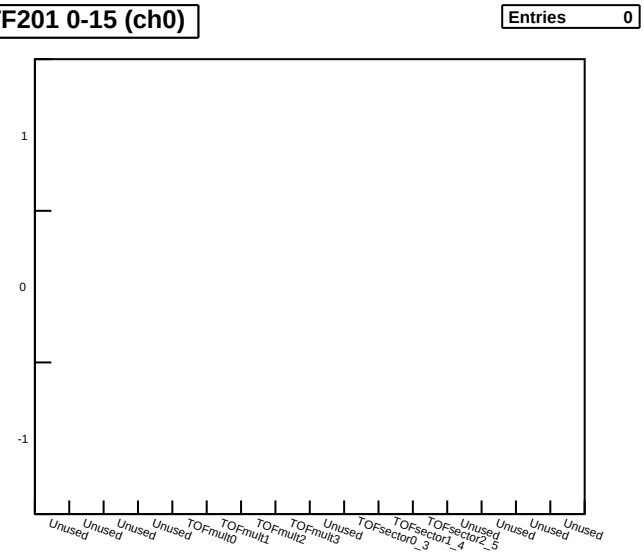

Laser Input Bits
Entries 657405
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.051848e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3230
3229
1
3229
1
17
654175
654176
657404
654176
657405
657405
657405
657405
657405
657405
657405
657405
657405
657405
657404
657388
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

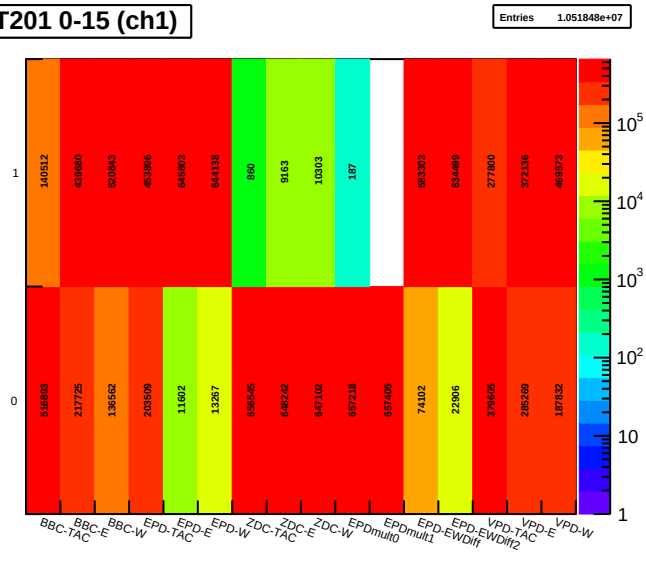
TF201 0-15 (ch0)



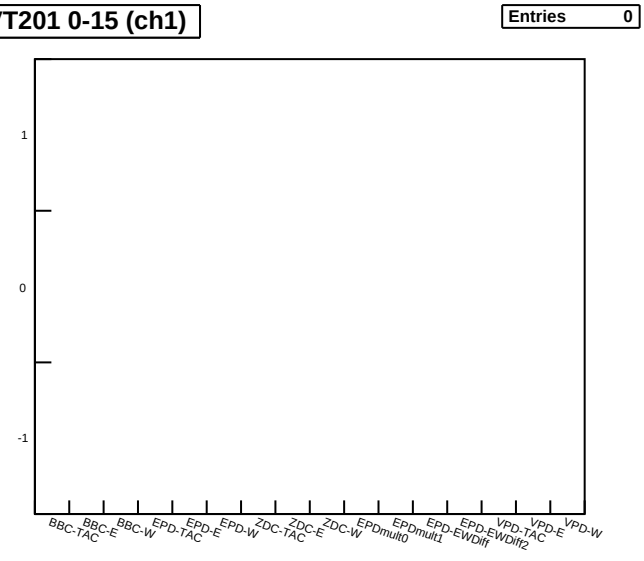
TF201 0-15 (ch0)



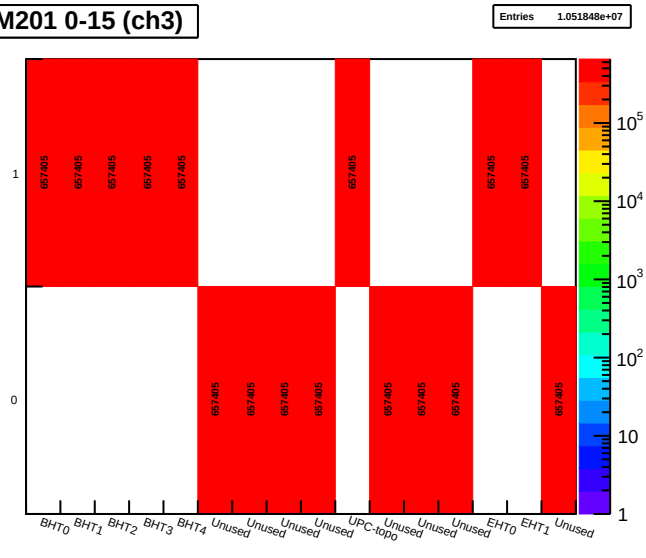
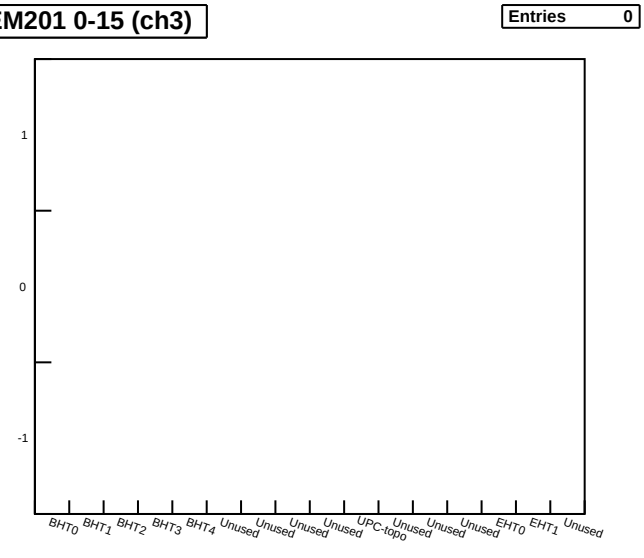
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)