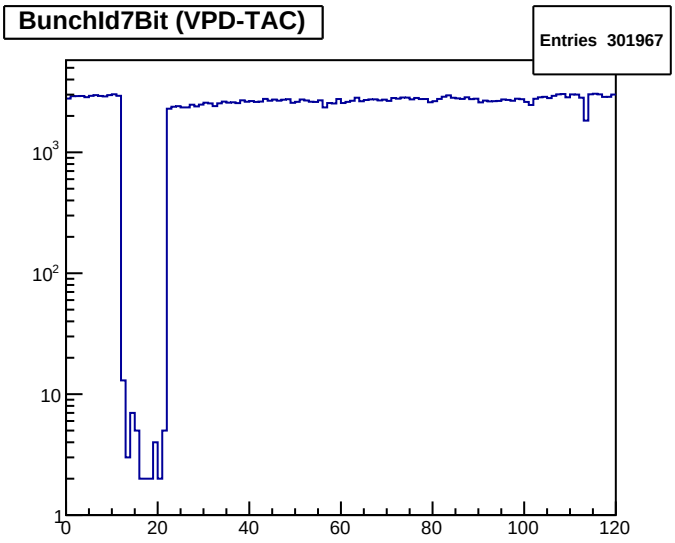
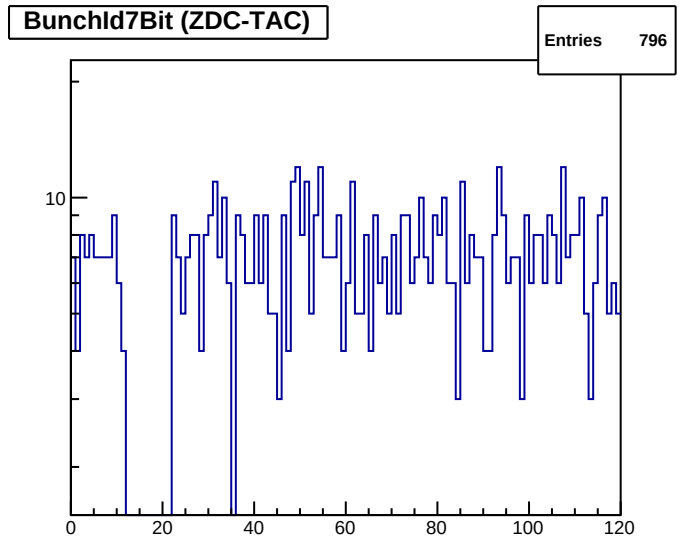
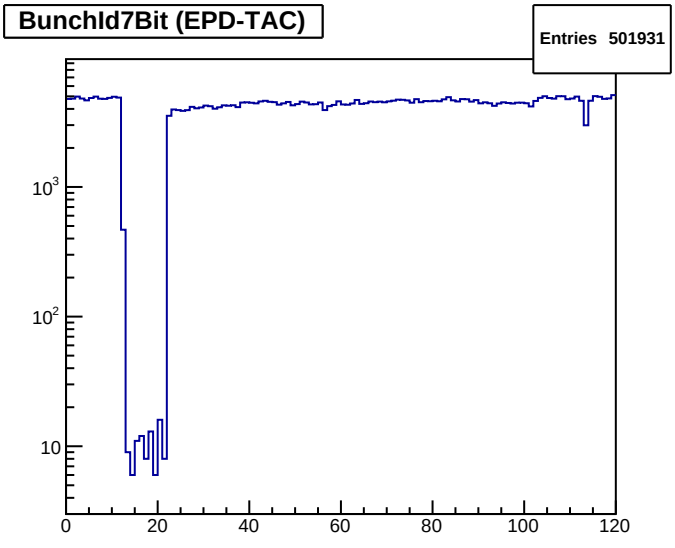
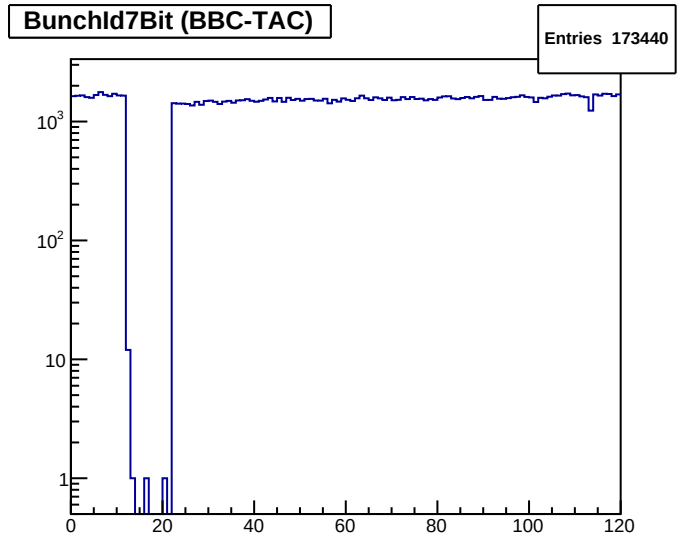
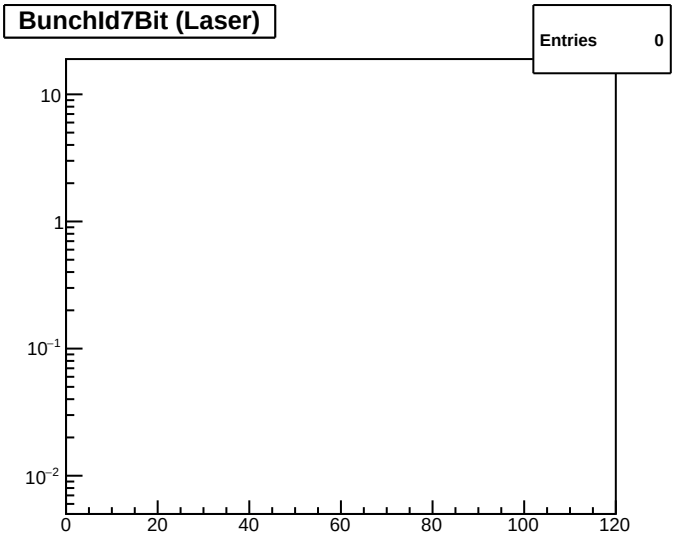
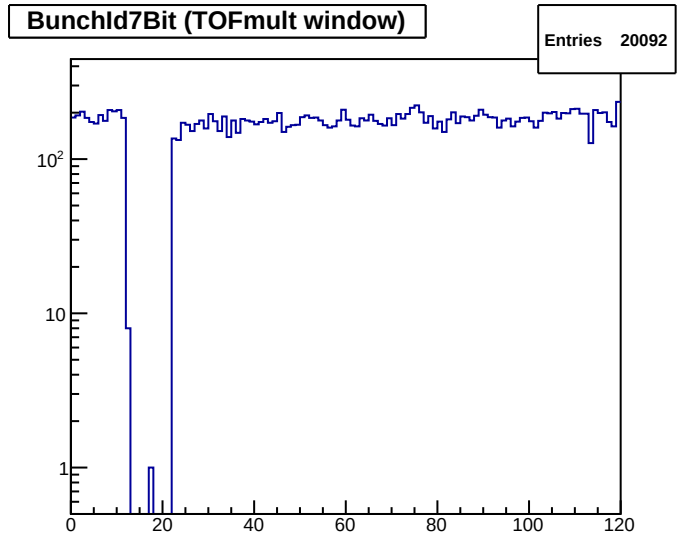

BunchId7Bit (VPD-TAC)
Entries 301967

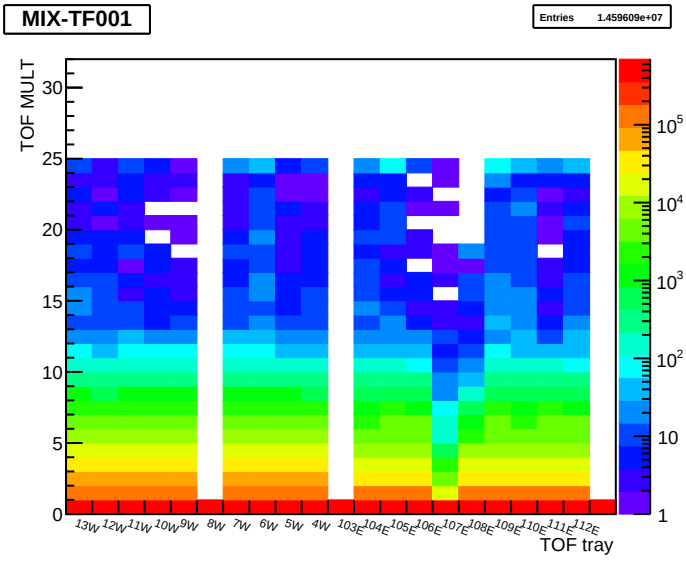

BunchId7Bit (ZDC-TAC)
Entries 796

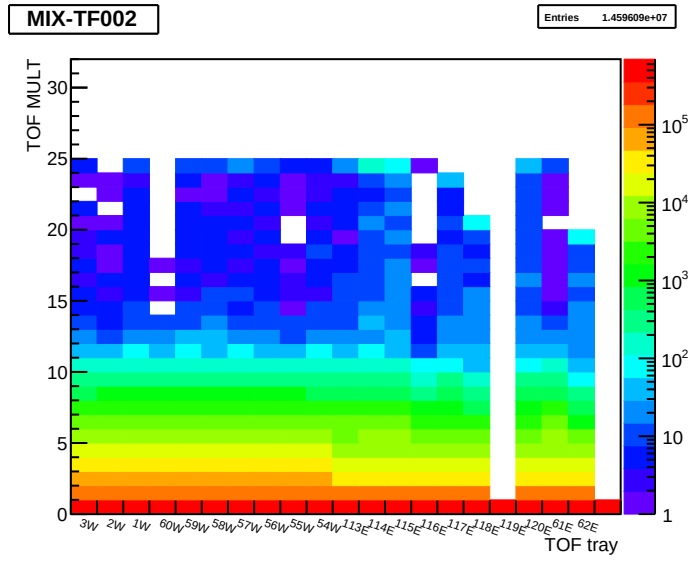

BunchId7Bit (EPD-TAC)
Entries 501931

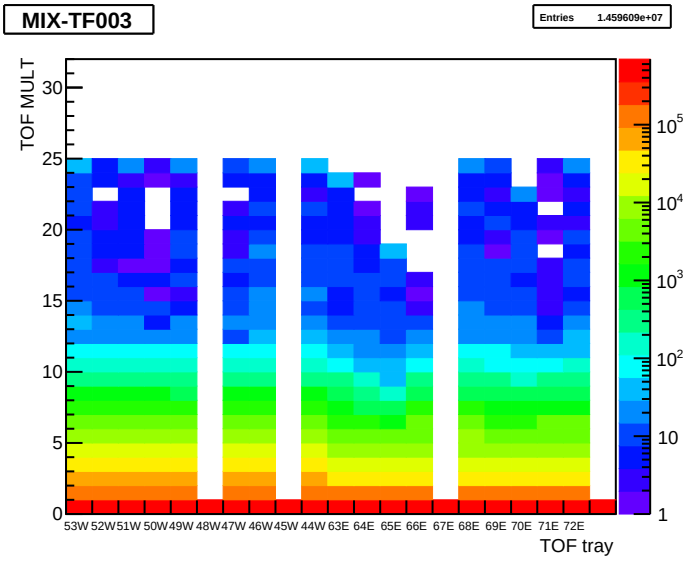

BunchId7Bit (BBC-TAC)
Entries 173440

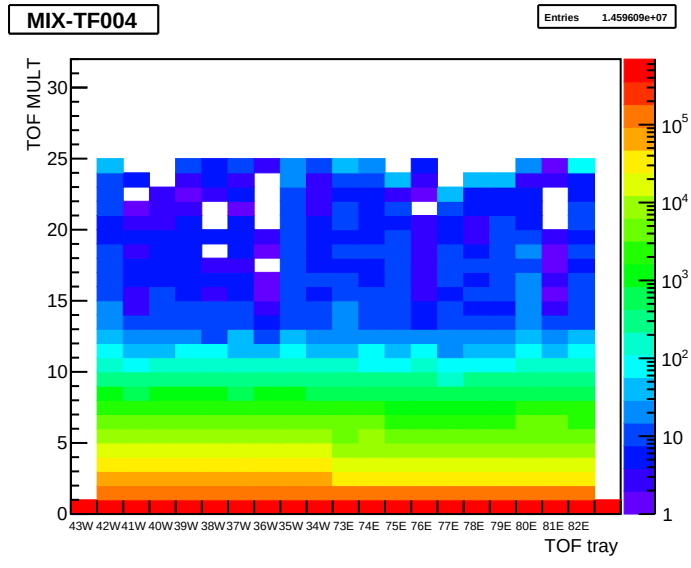

BunchId7Bit (Laser)
Entries 0

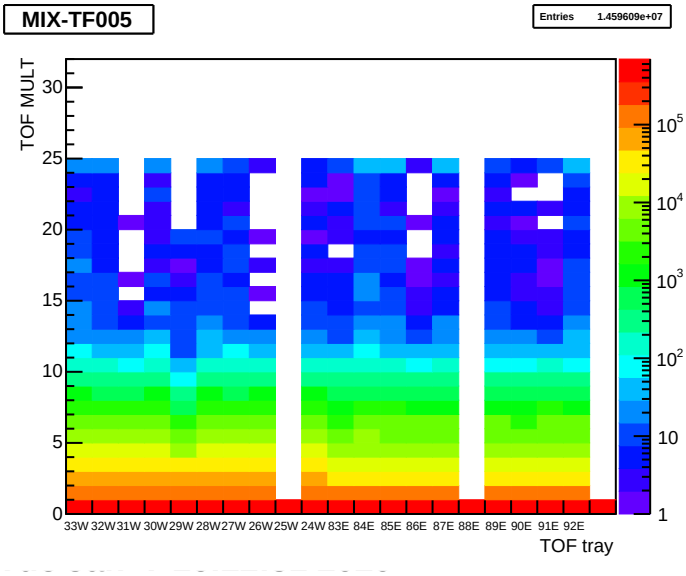

BunchId7Bit (TOFmult window)
Entries 20092

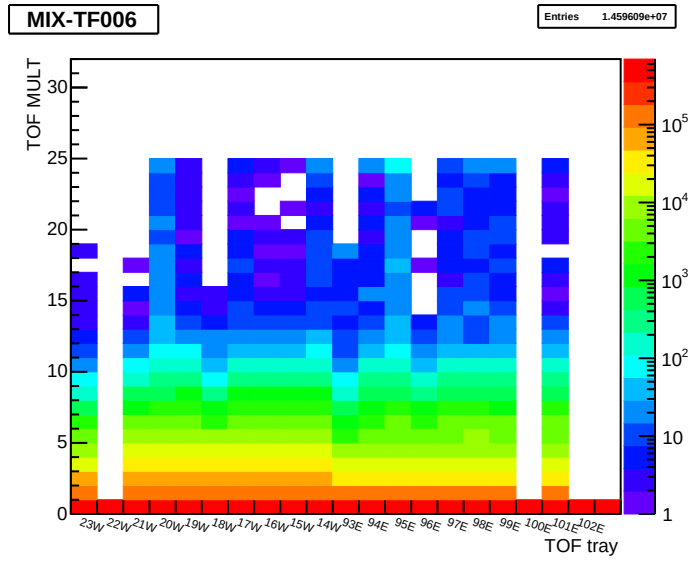

MIX-TF001
Entries 1.459609e+07
TOF MULT
TOF tray

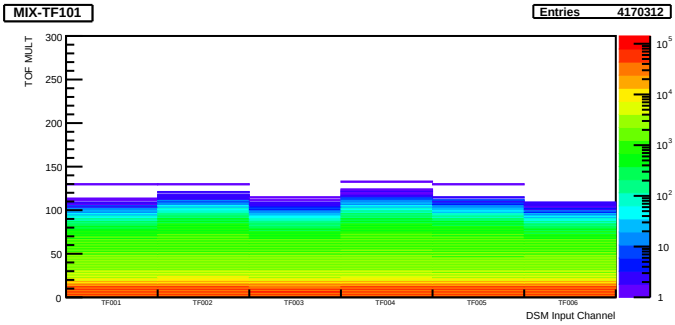

MIX-TF002
Entries 1.459609e+07
TOF MULT
TOF tray

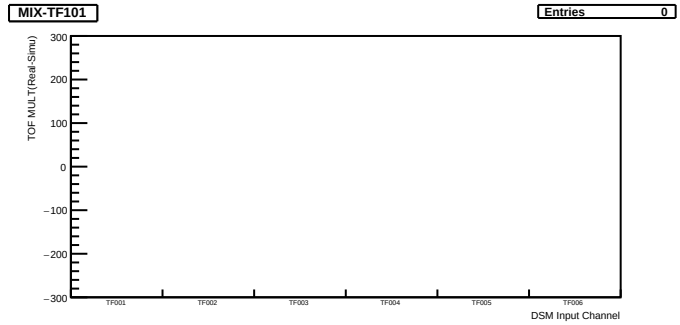

MIX-TF003
Entries 1.459609e+07
TOF MULT
TOF tray

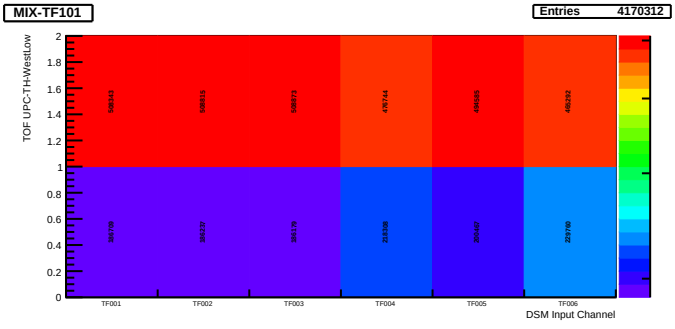

MIX-TF004
Entries 1.459609e+07
TOF MULT
TOF tray

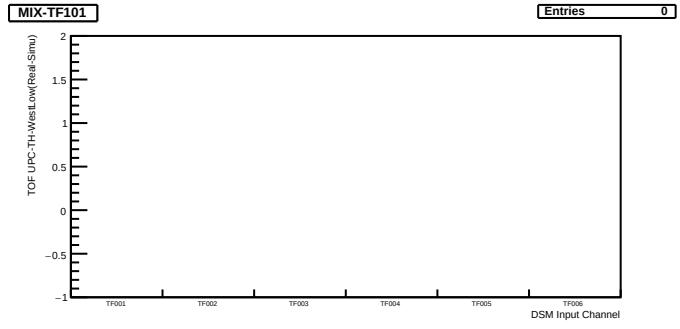

MIX-TF005
Entries 1.459609e+07
TOF MULT
TOF tray

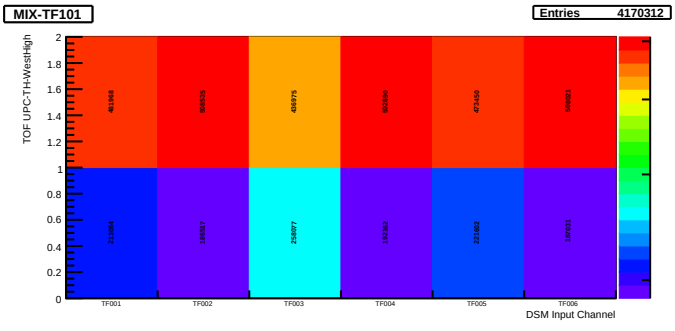

MIX-TF006
Entries 1.459609e+07
TOF MULT
TOF tray

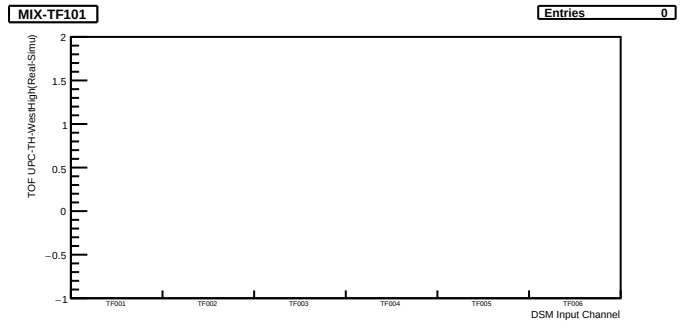

MIX-TF101
Entries 4170312
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

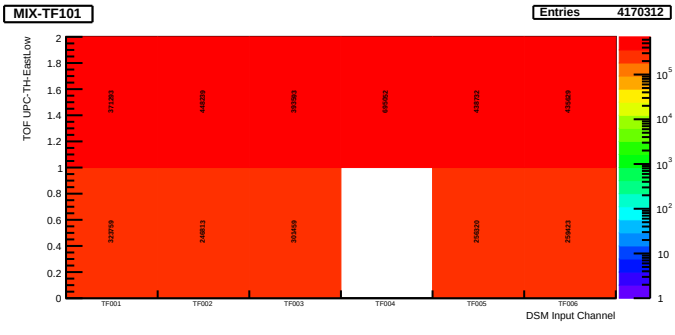

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

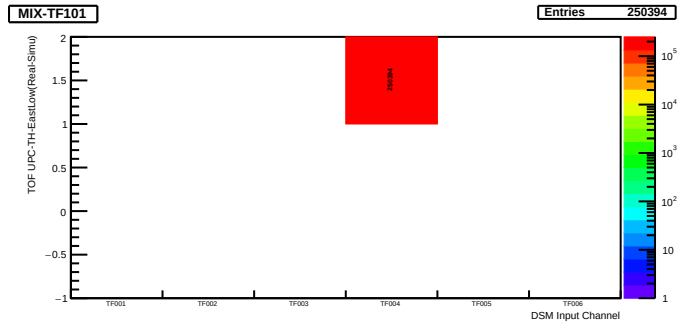

MIX-TF101
Entries 4170312
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

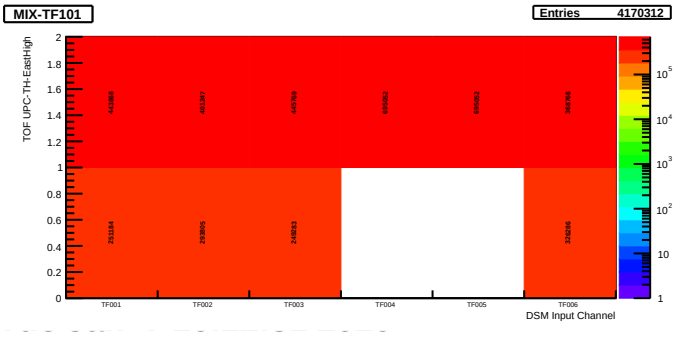

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

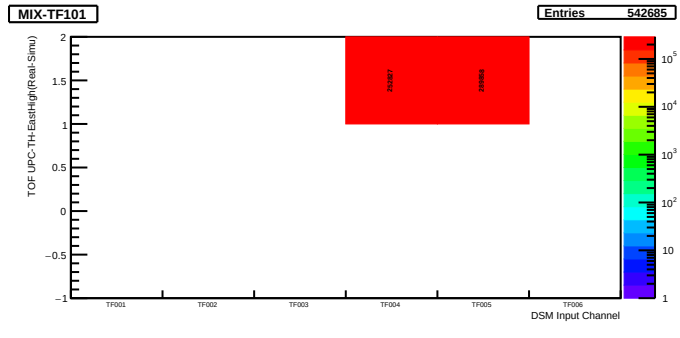

MIX-TF101
Entries 4170312
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

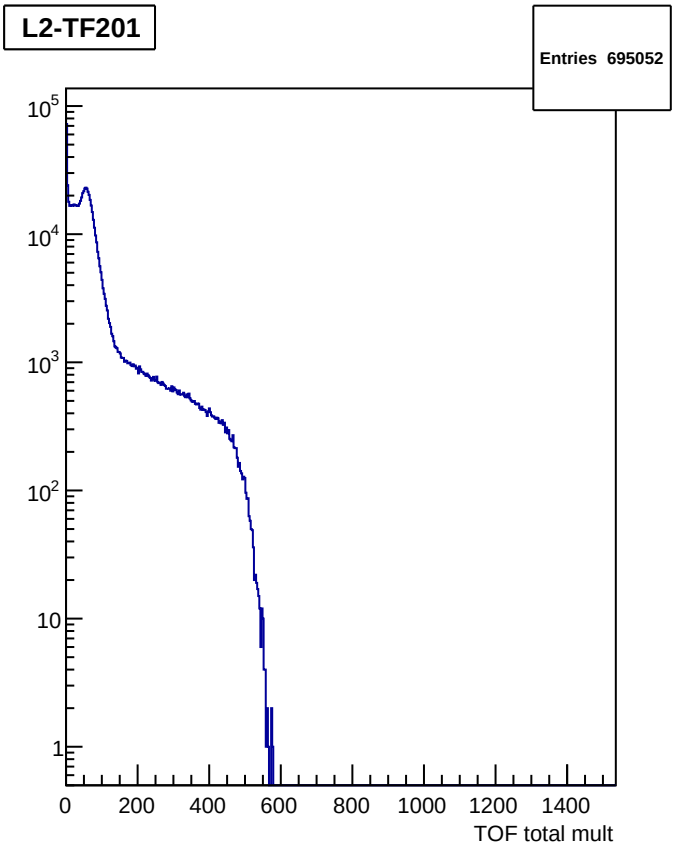

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

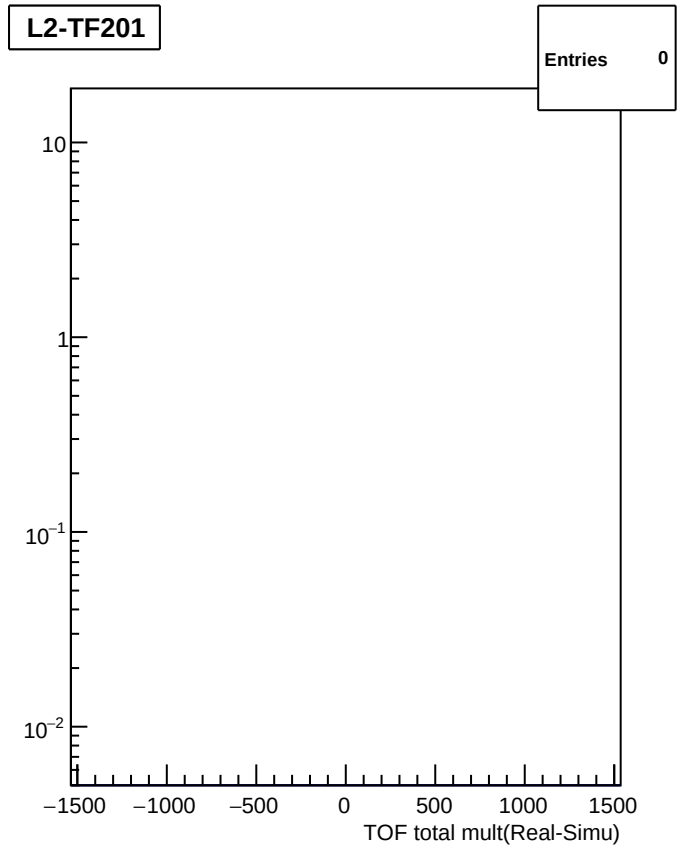

MIX-TF101
Entries 4170312
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

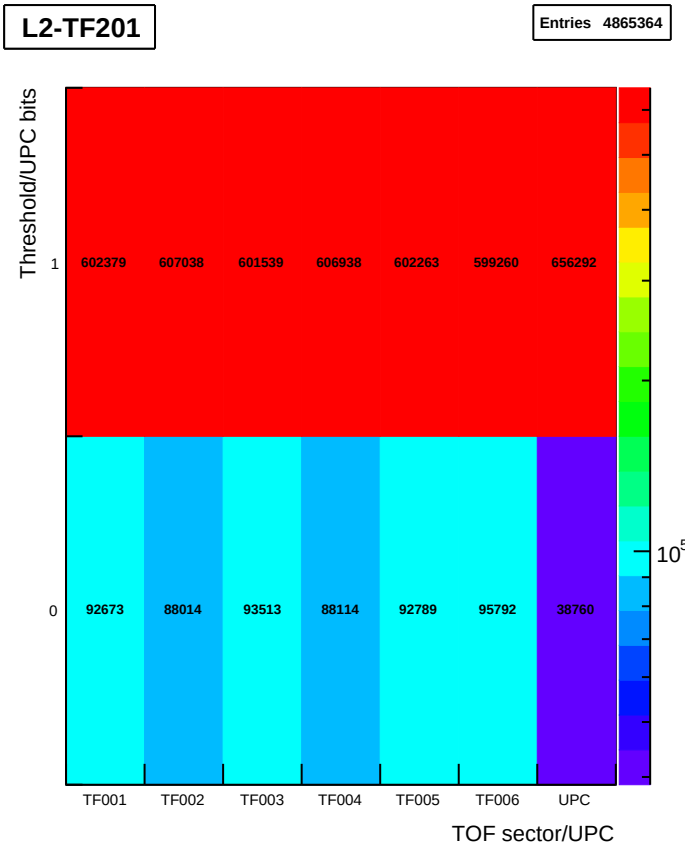

MIX-TF101
Entries 250394
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

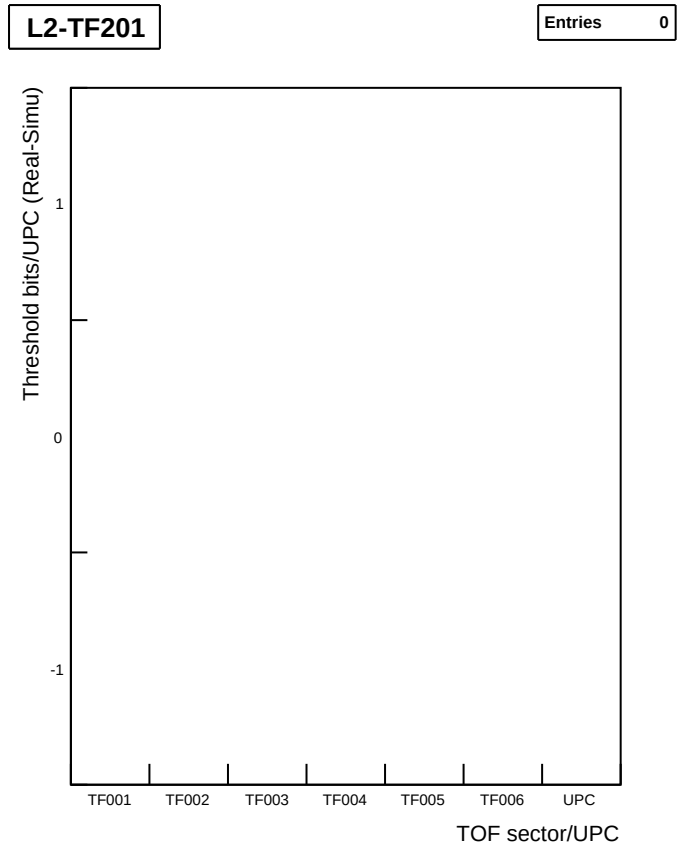

MIX-TF101
Entries 4170312
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

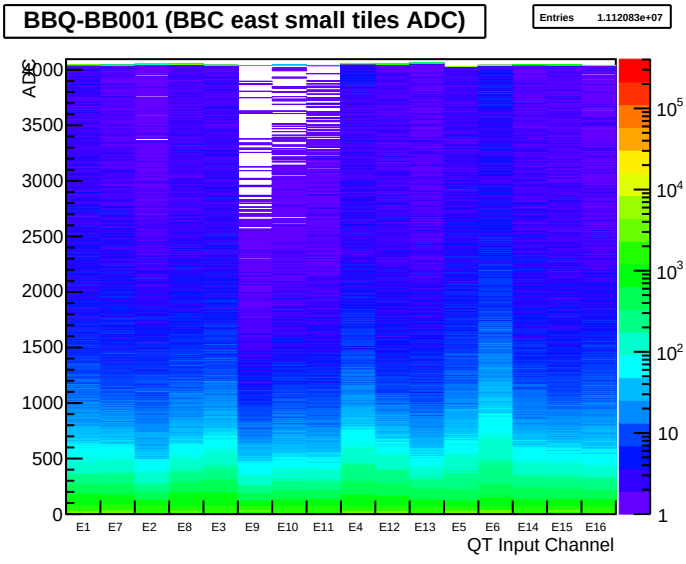

MIX-TF101
Entries 542685
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

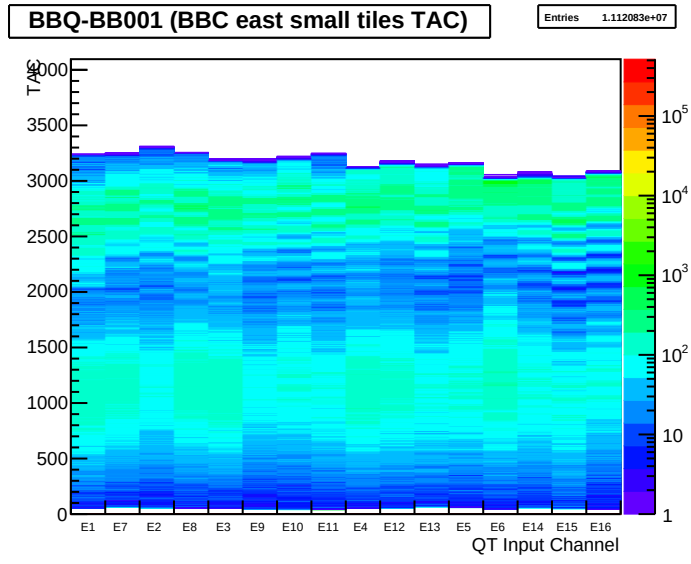

L2-TF201
Entries 695052
TOF total mult

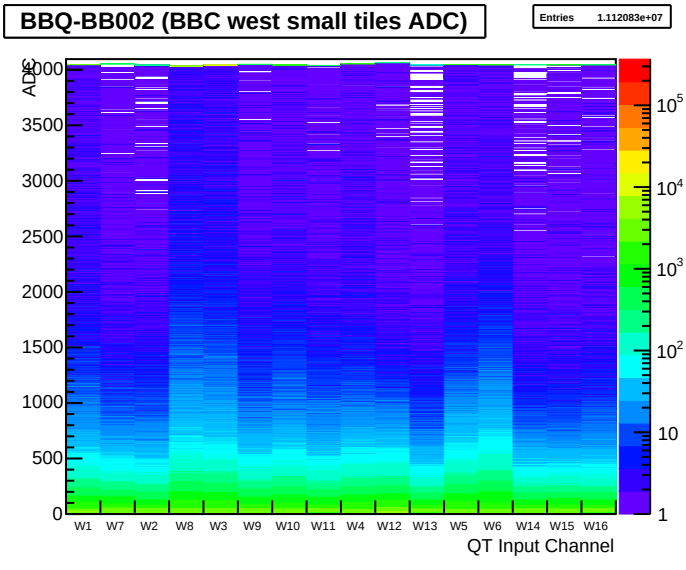

L2-TF201
Entries 0
TOF total mult(Real-Simu)

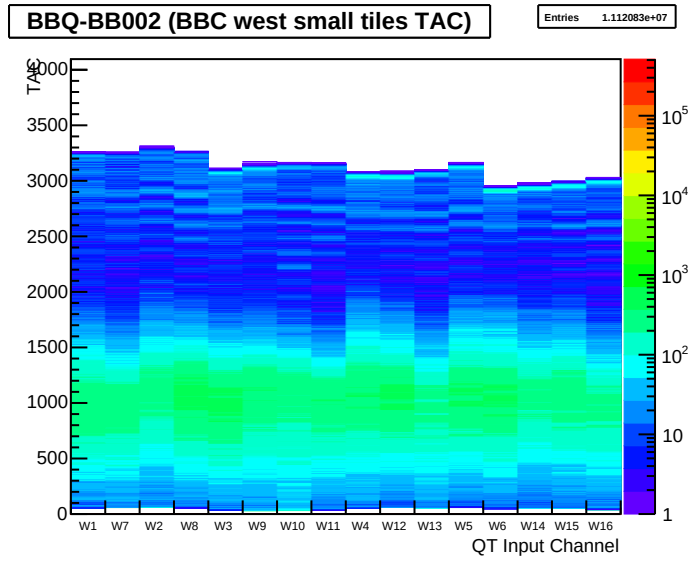

L2-TF201
Entries 4865364
Threshold/UPC bits
602379
607038
601539
606938
602263
599260
656292
92673
88014
93513
88114
92789
95792
38760
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

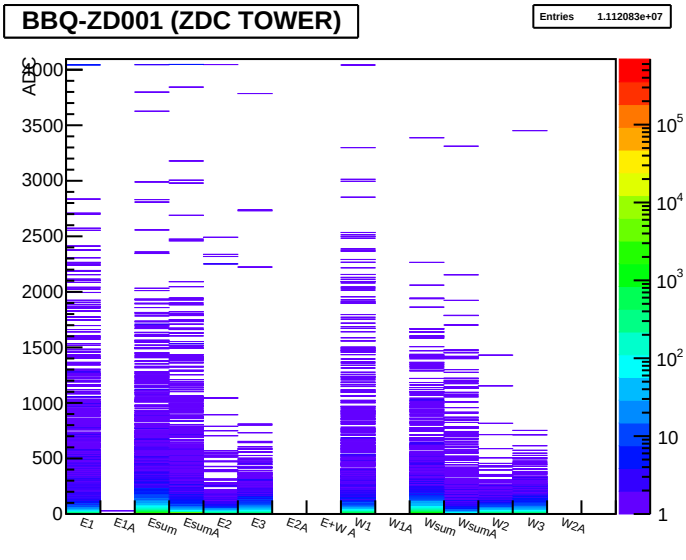

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

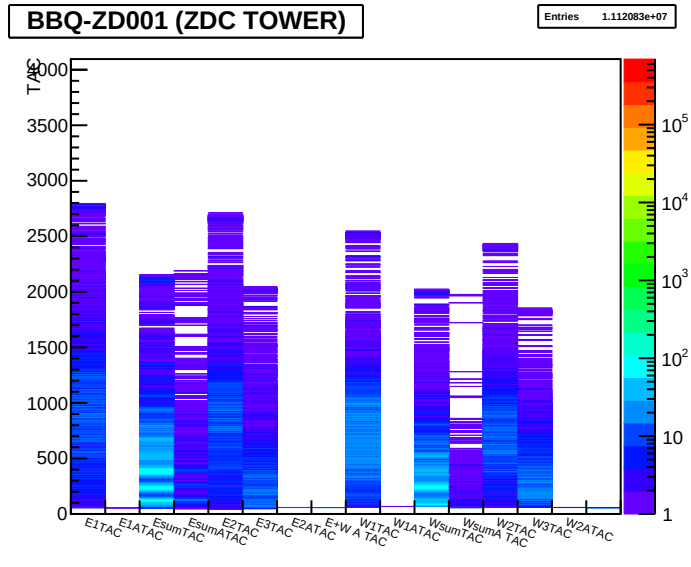

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.112083e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

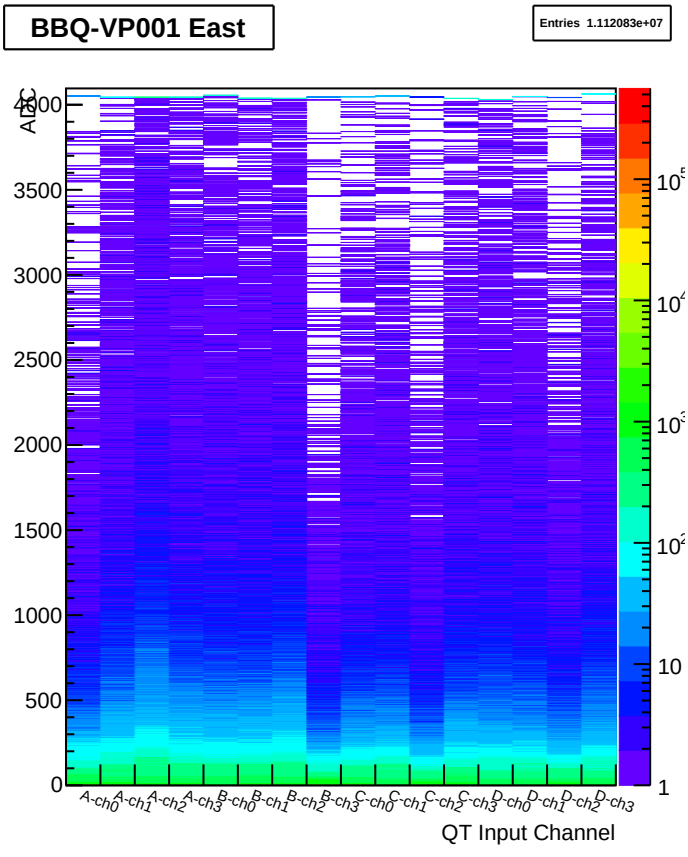

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.112083e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

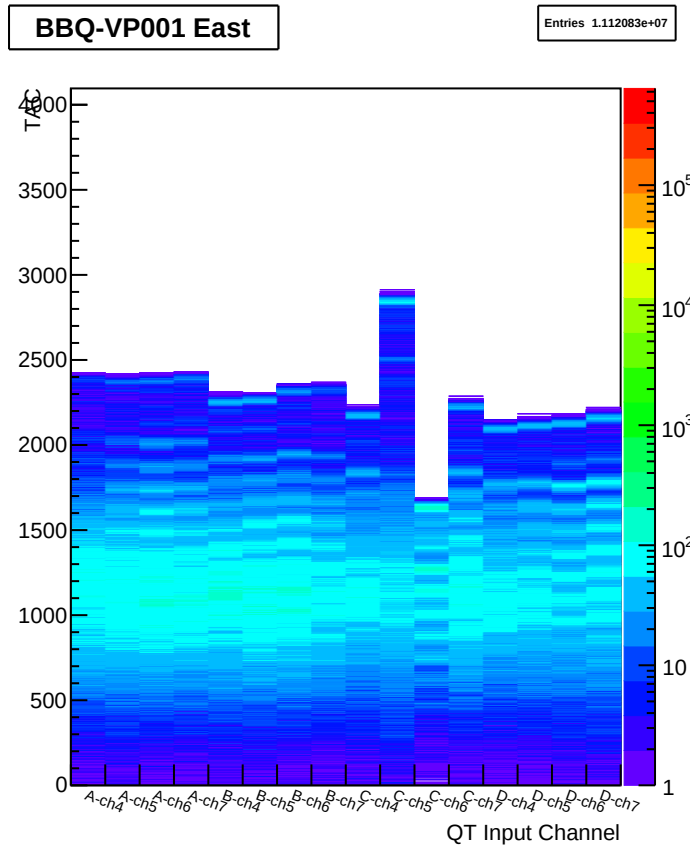

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.112083e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

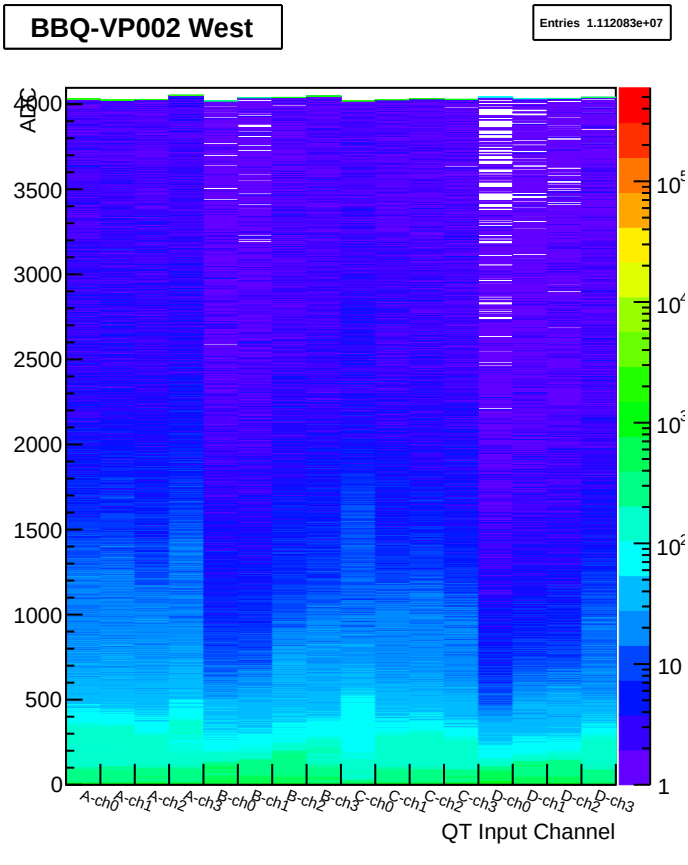

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.112083e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

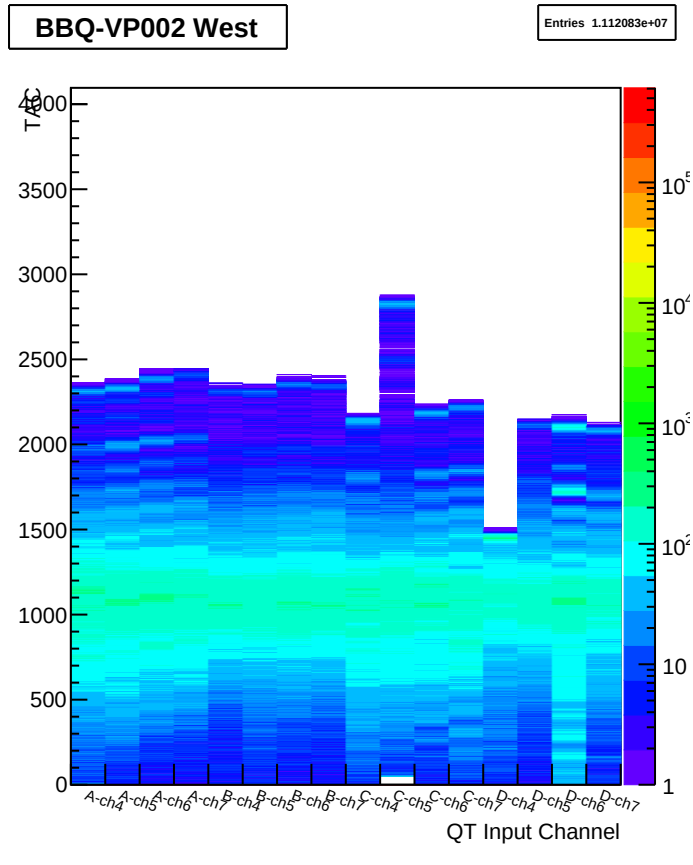

BBQ-ZD001 (ZDC TOWER)
Entries 1.112083e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

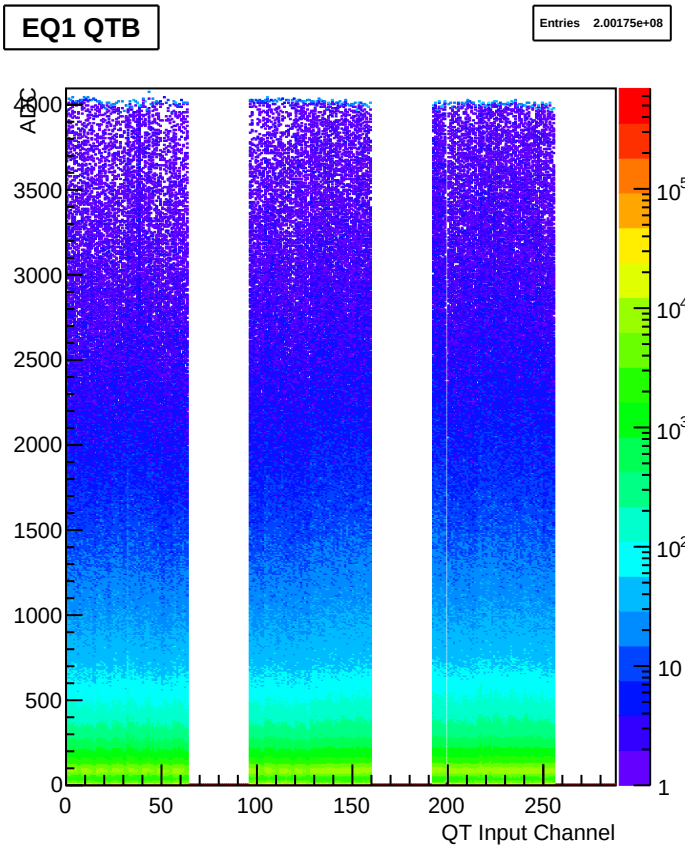

BBQ-ZD001 (ZDC TOWER)
Entries 1.112083e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

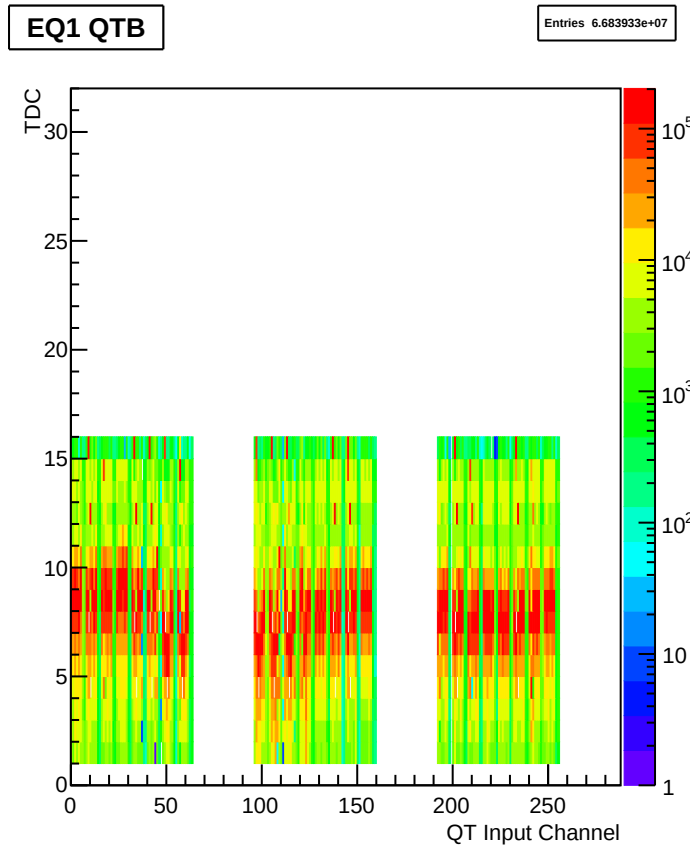

BBQ-VP001 East
Entries 1.112083e+07
ADC
QT Input Channel

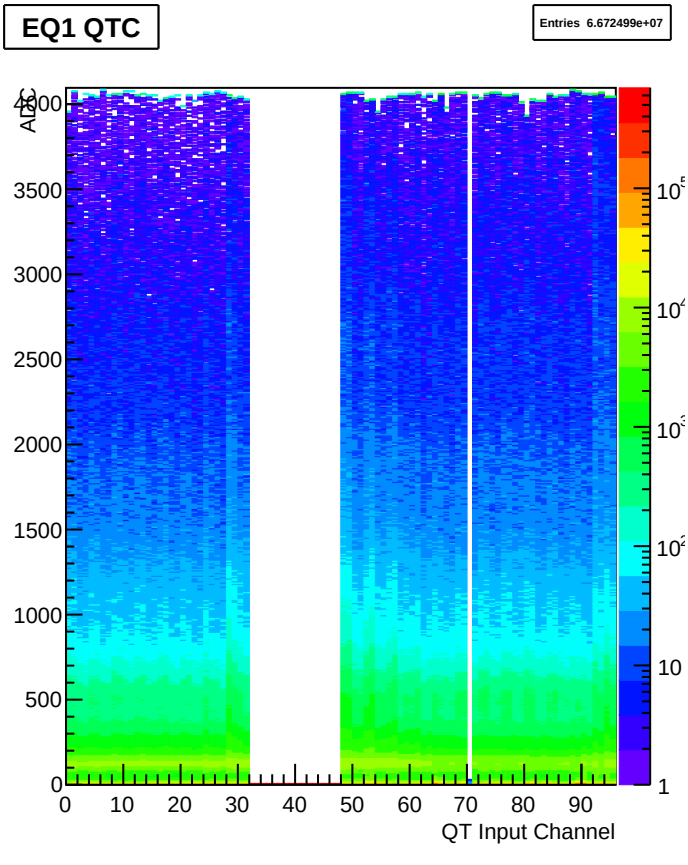

BBQ-VP001 East
Entries 1.112083e+07
TADC
QT Input Channel

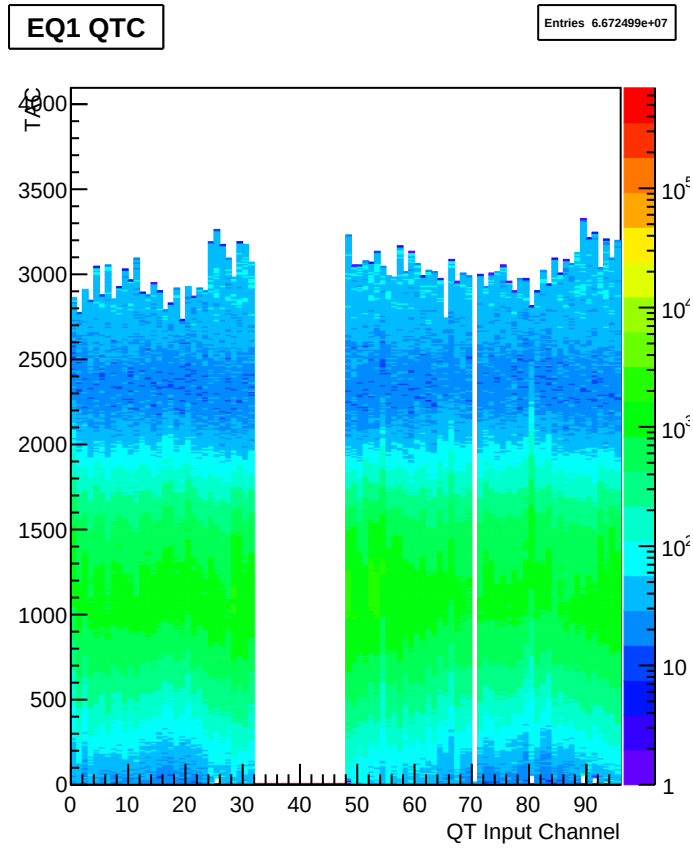

BBQ-VP002 West
Entries 1.112083e+07
ADC
QT Input Channel

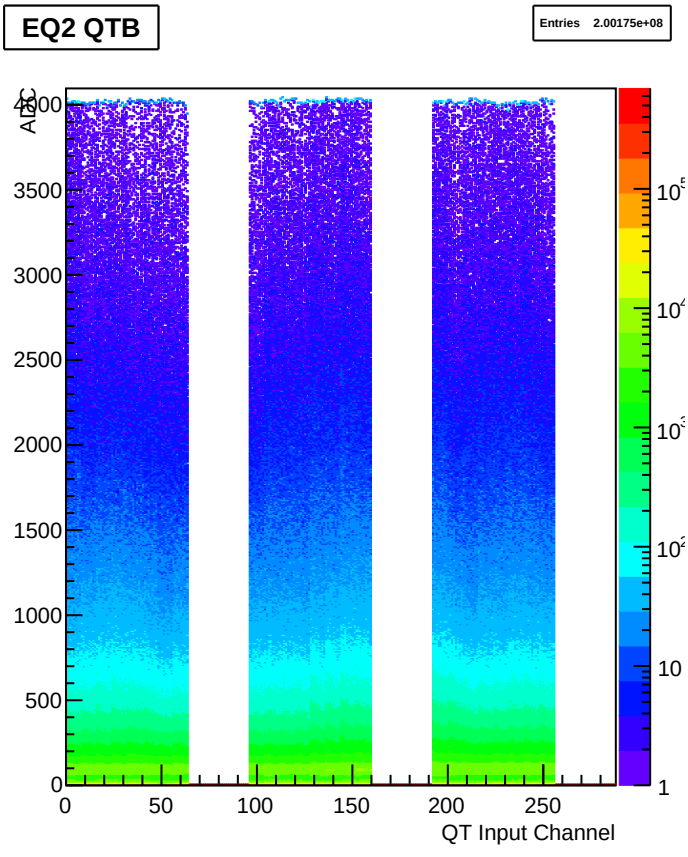

BBQ-VP002 West
Entries 1.112083e+07
TADC
QT Input Channel

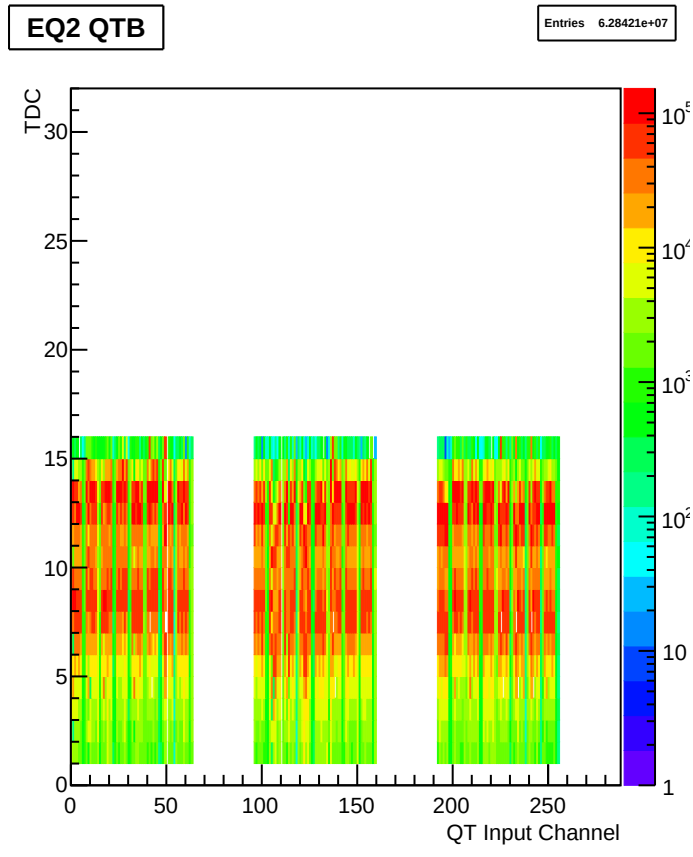

EQ1 QTB
Entries 2.00175e+08
ADC
QT Input Channel

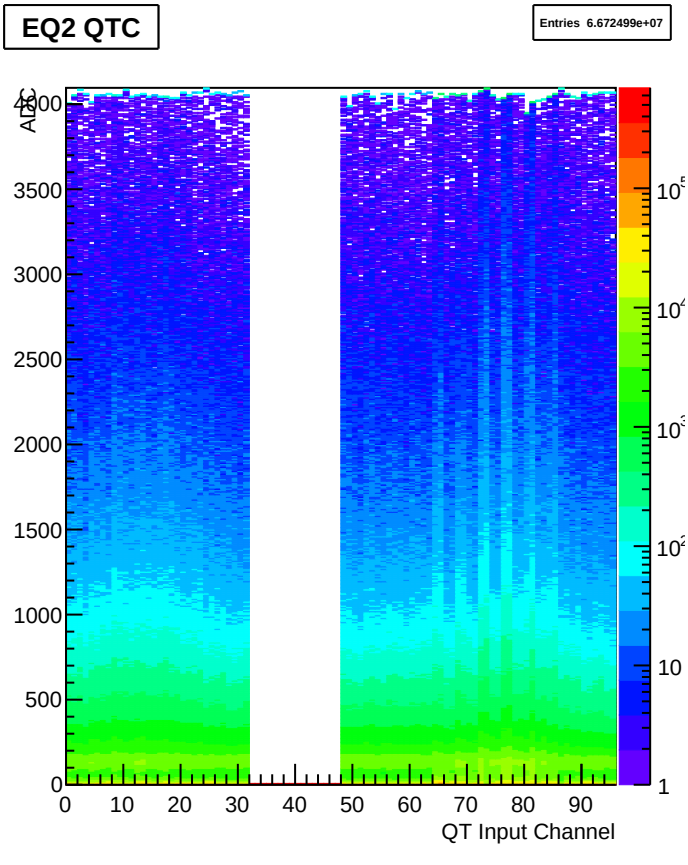

EQ1 QTB
Entries 6.683933e+07
TDC
QT Input Channel

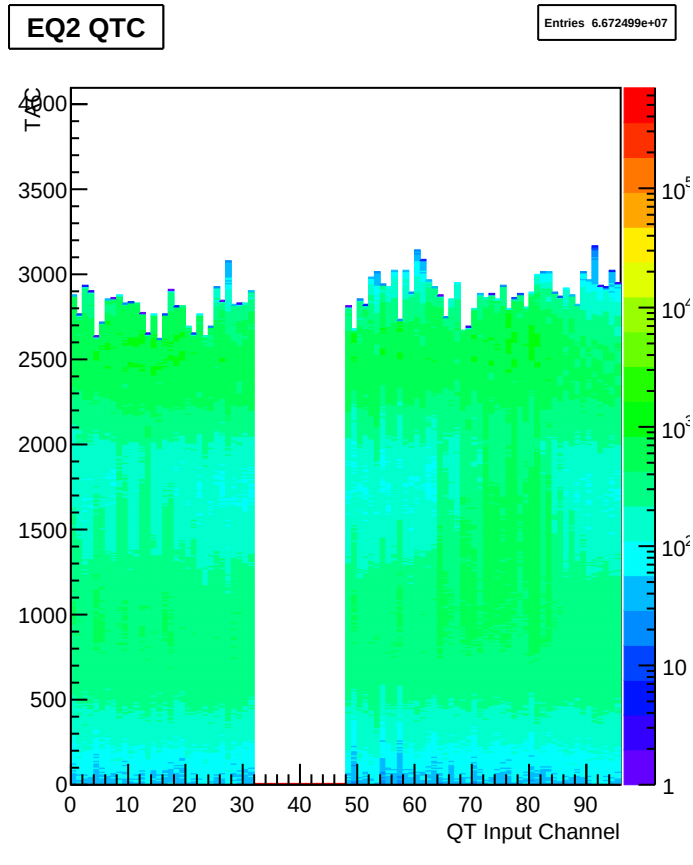

EQ1 QTC
Entries 6.672499e+07
ADC
QT Input Channel

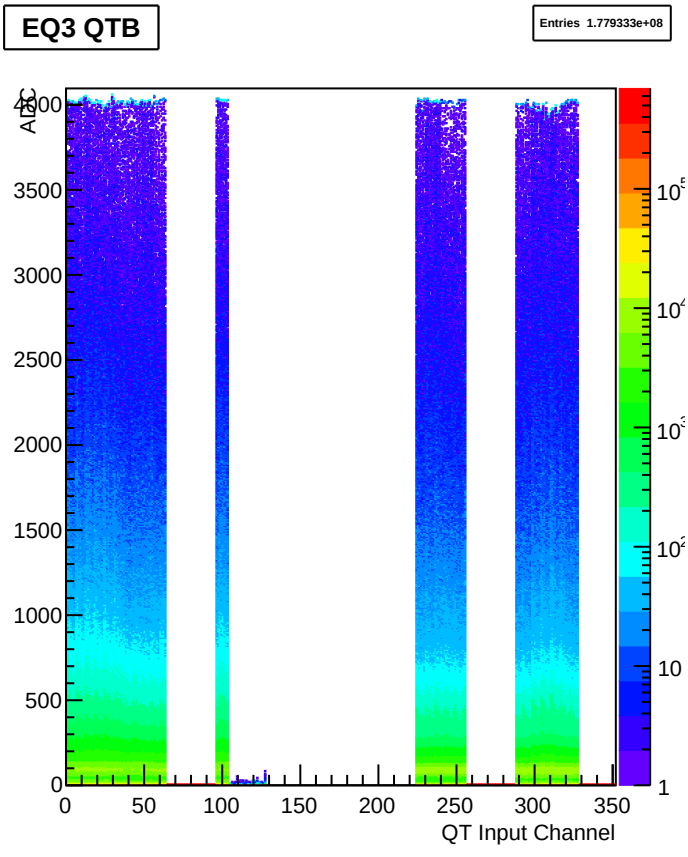

EQ1 QTC
Entries 6.672499e+07
TADC
QT Input Channel

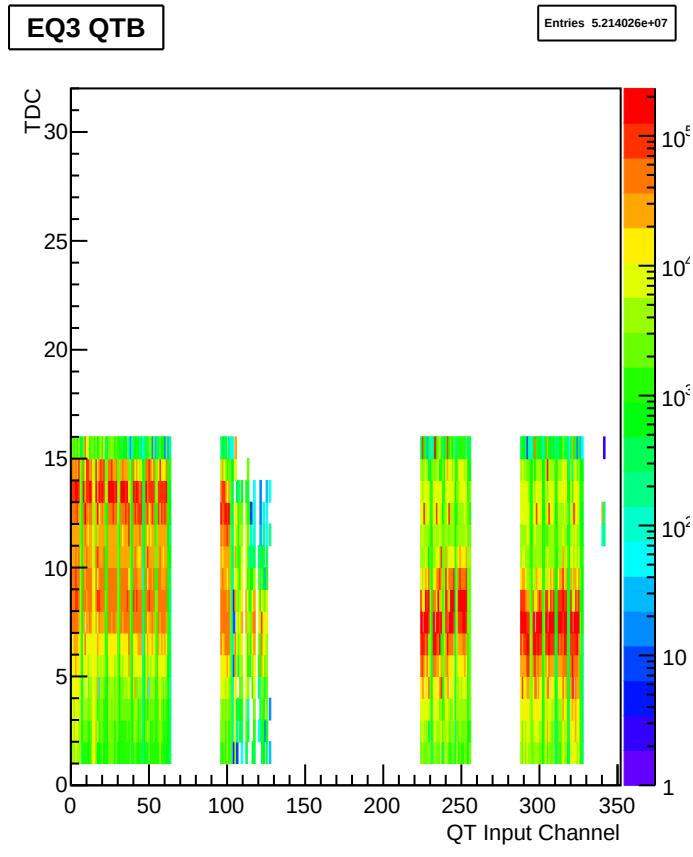

EQ2 QTB
Entries 2.00175e+08
ADC
QT Input Channel

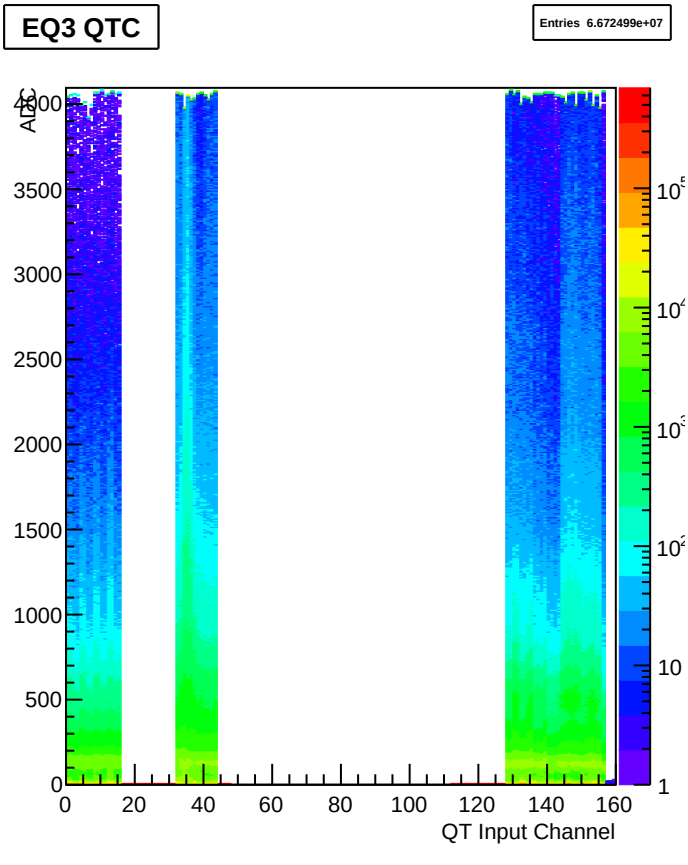

EQ2 QTB
Entries 6.28421e+07
TDC
QT Input Channel

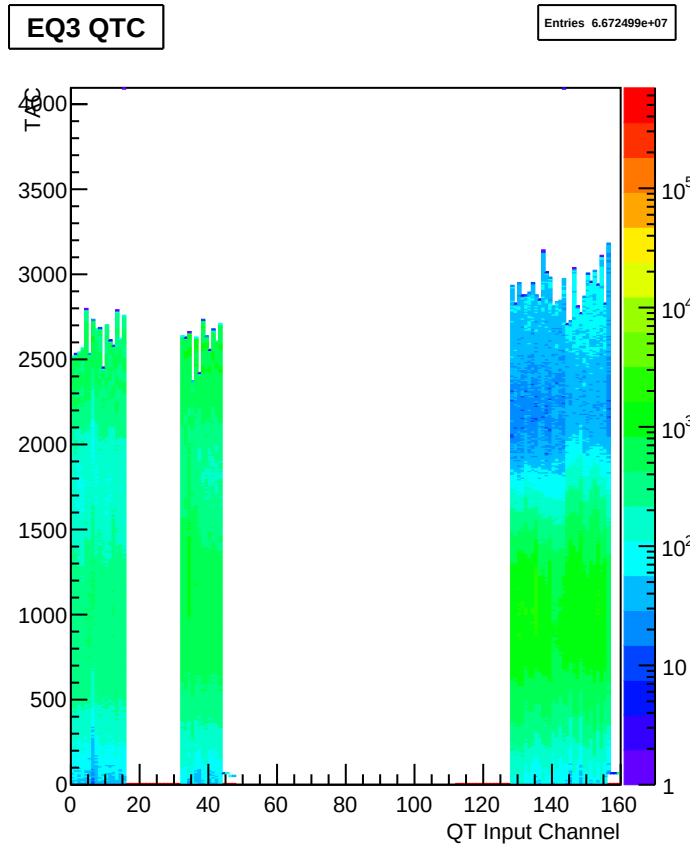

EQ2 QTC
Entries 6.672499e+07
ADC
QT Input Channel

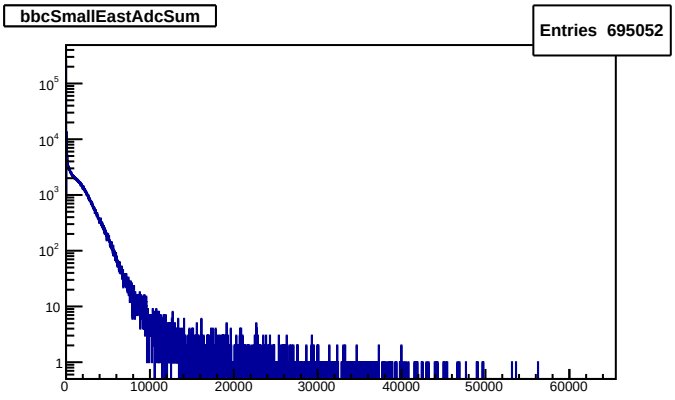

EQ2 QTC
Entries 6.672499e+07
TADC
QT Input Channel

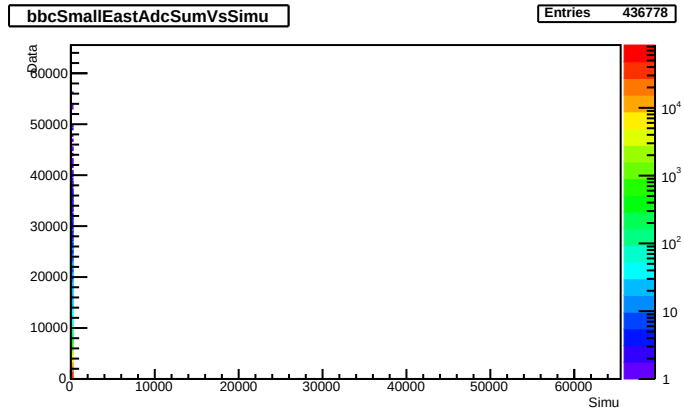

EQ3 QTB
Entries 1.779333e+08
ADC
QT Input Channel

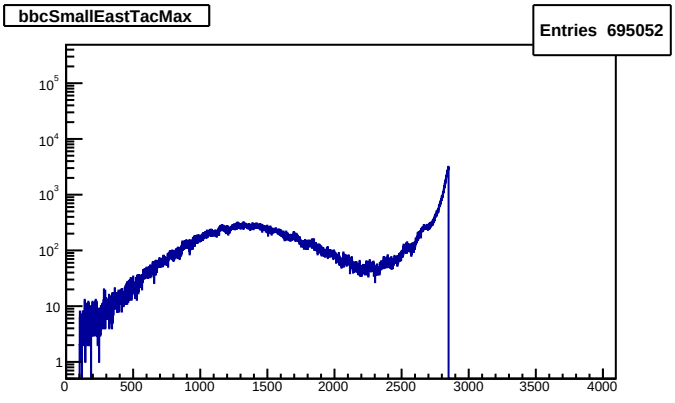

EQ3 QTB
Entries 5.214026e+07
TDC
QT Input Channel

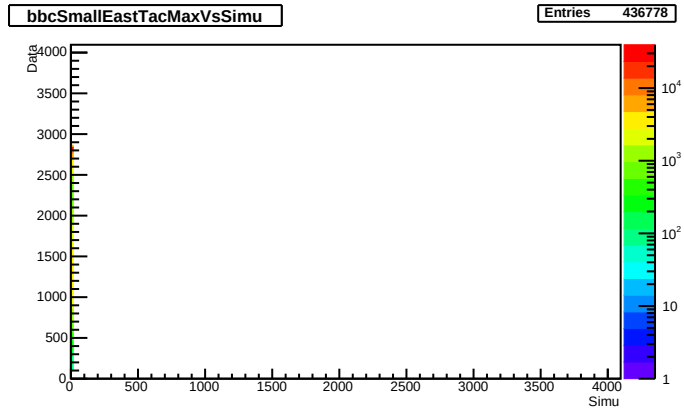

EQ3 QTC
Entries 6.672499e+07
ADC
QT Input Channel

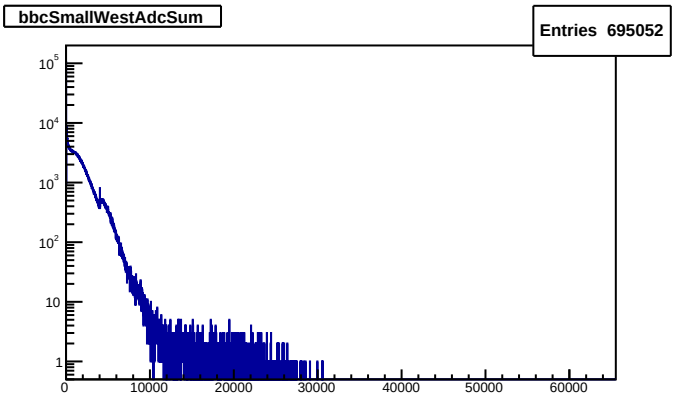

EQ3 QTC
Entries 6.672499e+07
TADC
QT Input Channel

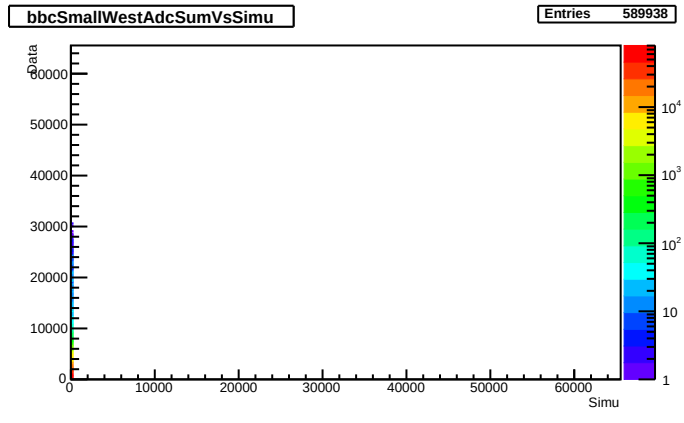

bbcSmallEastAdcSum
Entries 695052

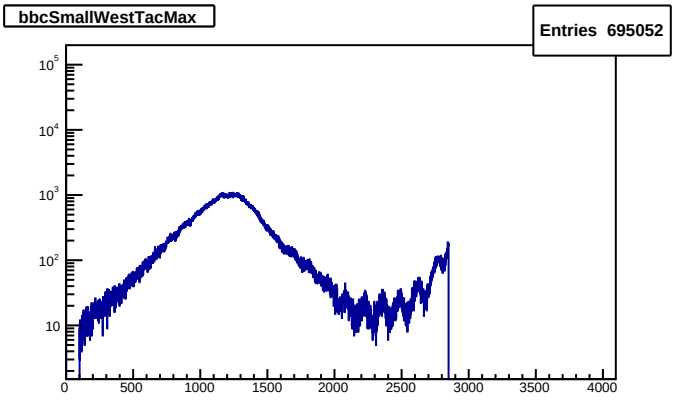

bbcSmallEastAdcSumVsSimu
Entries 436778
Data
Simu

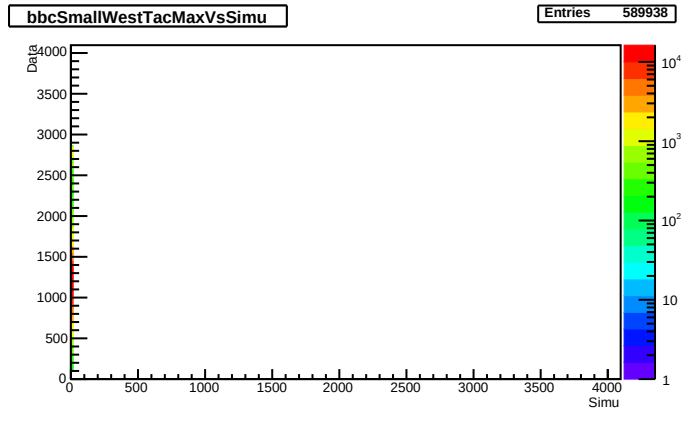

bbcSmallEastTacMax
Entries 695052

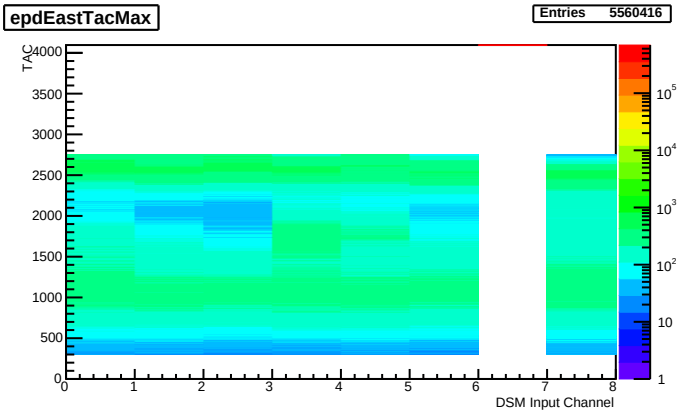

bbcSmallEastTacMaxVsSimu
Entries 436778
Data
Simu

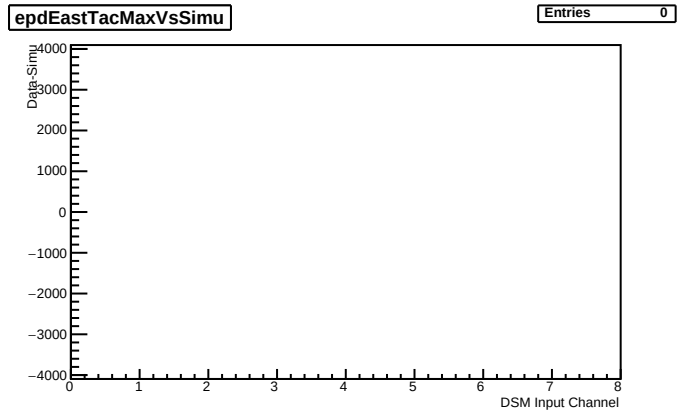

bbcSmallWestAdcSum
Entries 695052

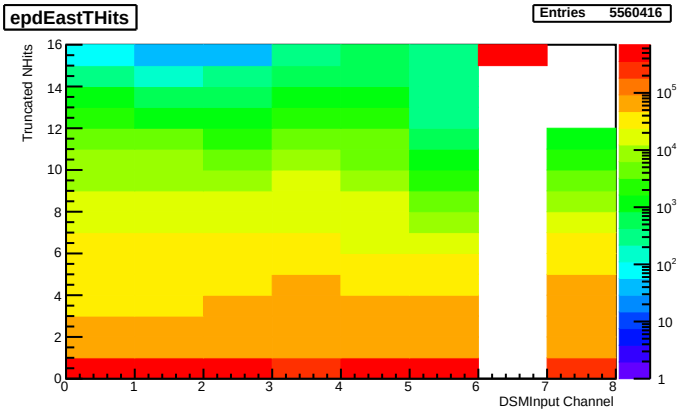

bbcSmallWestAdcSumVsSimu
Entries 589938
Data
Simu

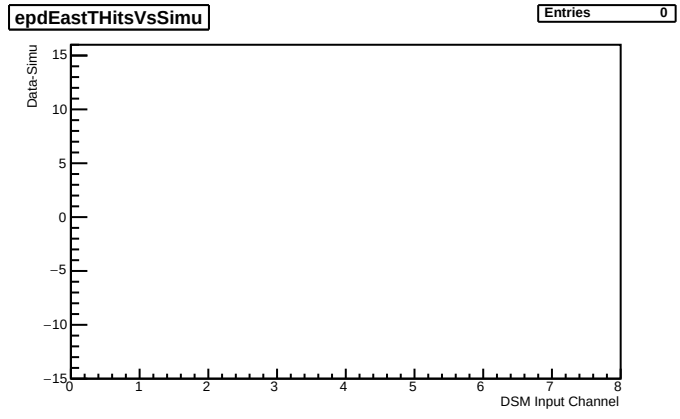

bbcSmallWestTacMax
Entries 695052


bbcSmallWestTacMaxVsSimu
Entries 589938
Data
Simu


epdEastTacMax
Entries 5560416
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5560416
Truncated NHits
DSMInput Channel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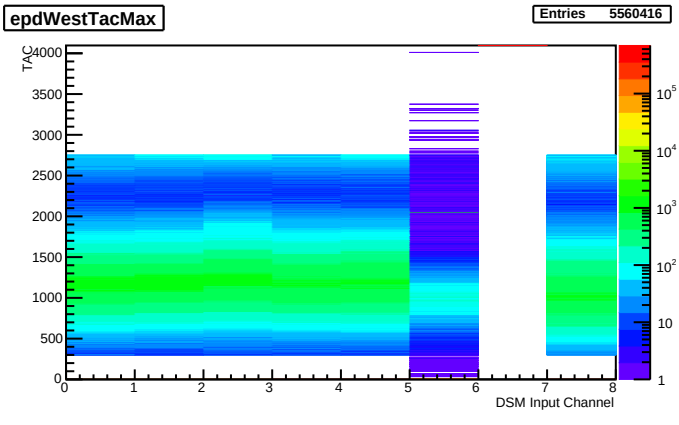
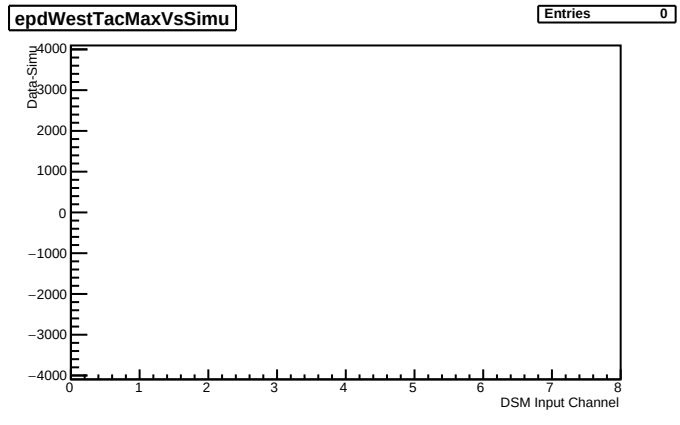
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 5560416
TAC
DSM Input Channel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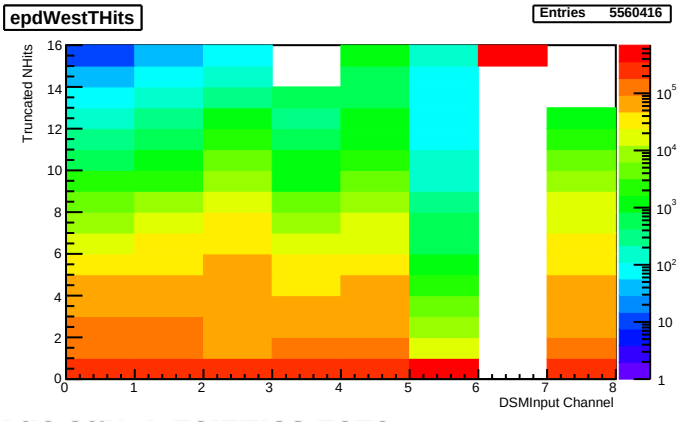
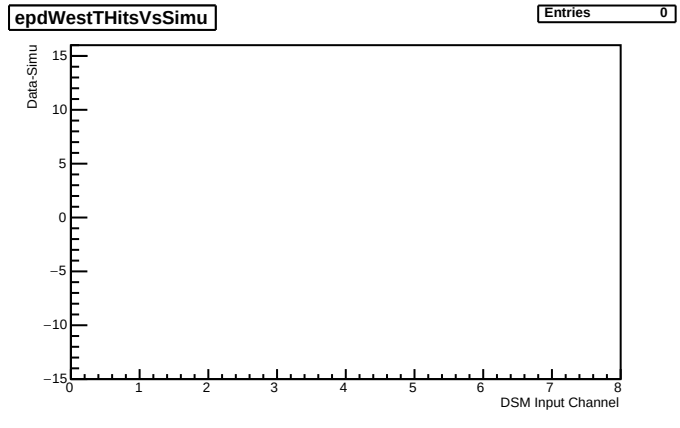
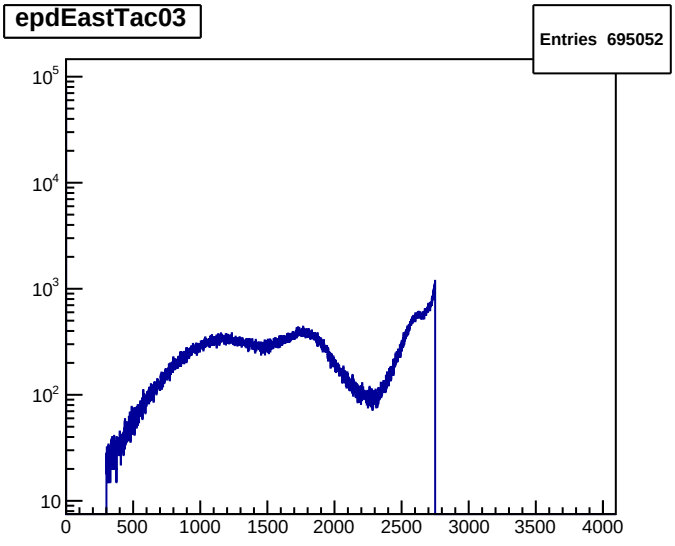
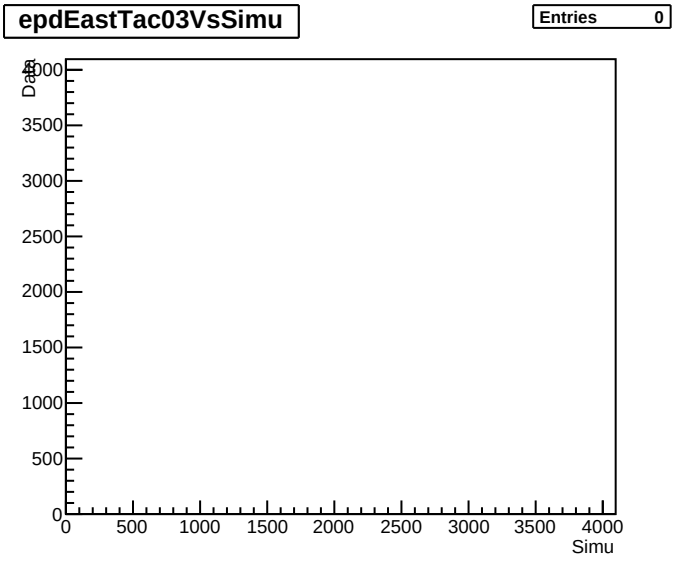
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5560416
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 695052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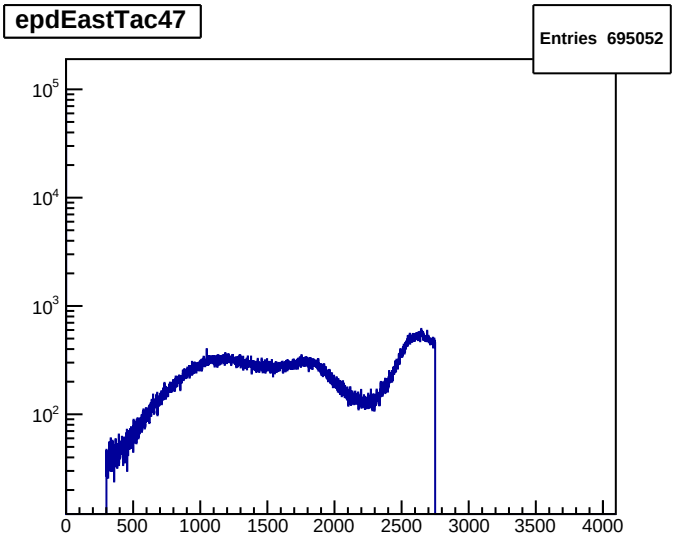
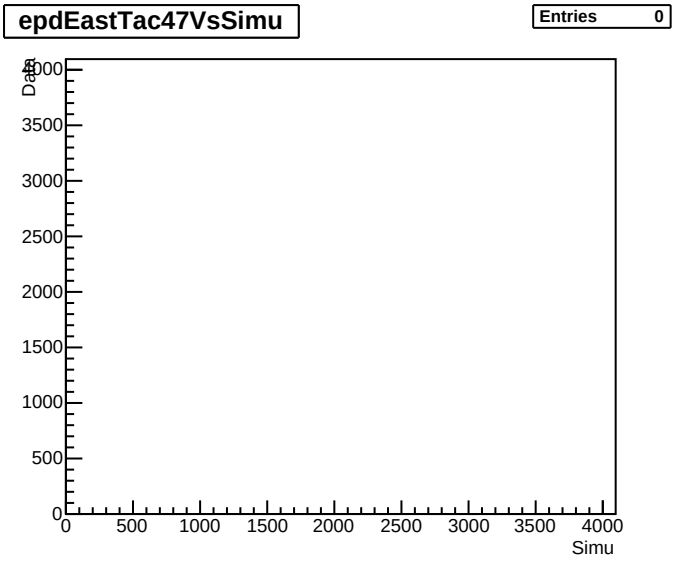
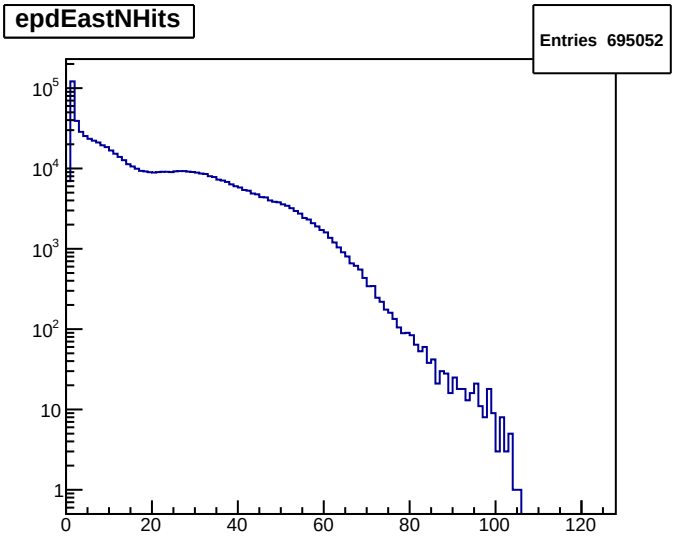
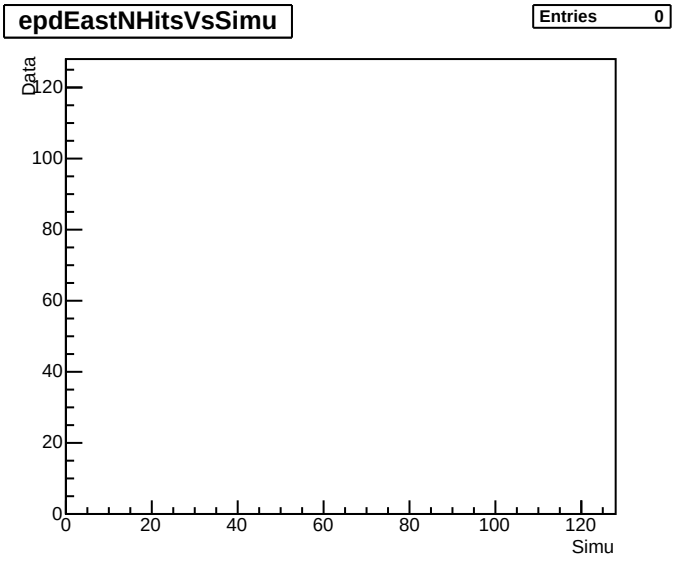
Entries 0
Data
Simu


epdEastTac47
Entries 695052


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 695052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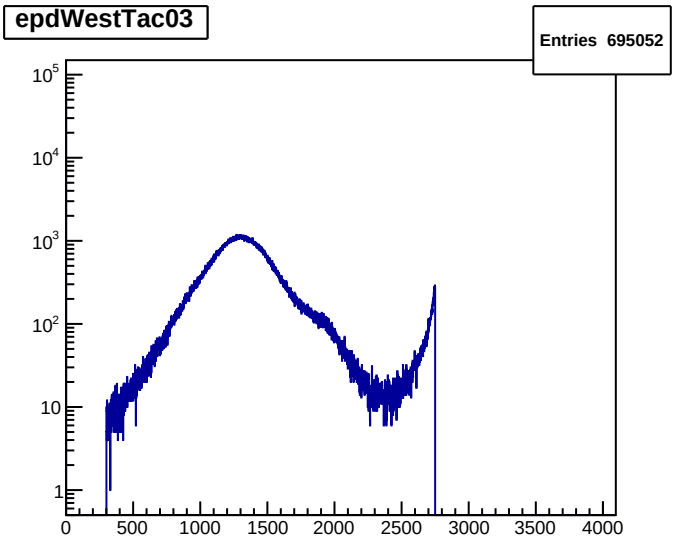
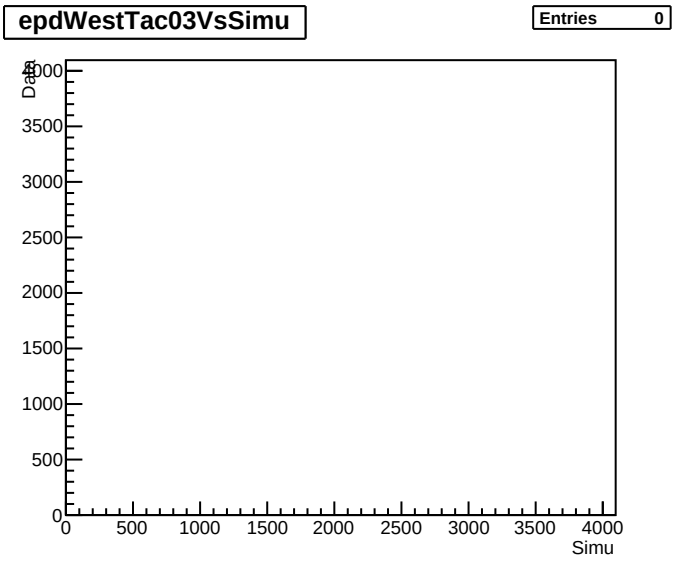
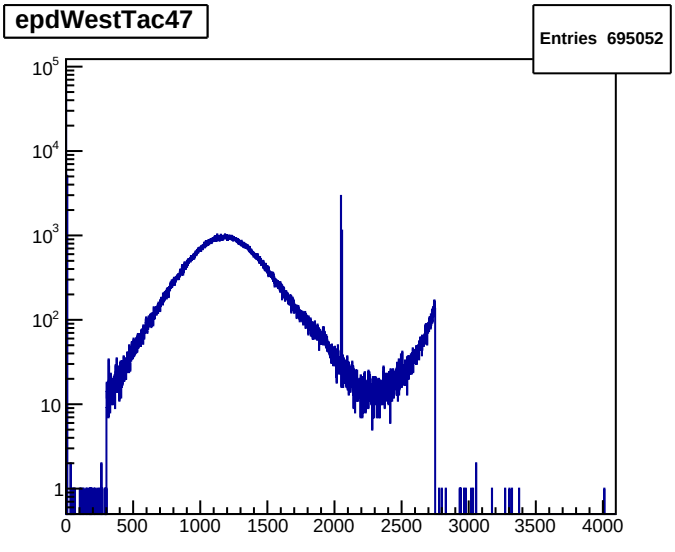
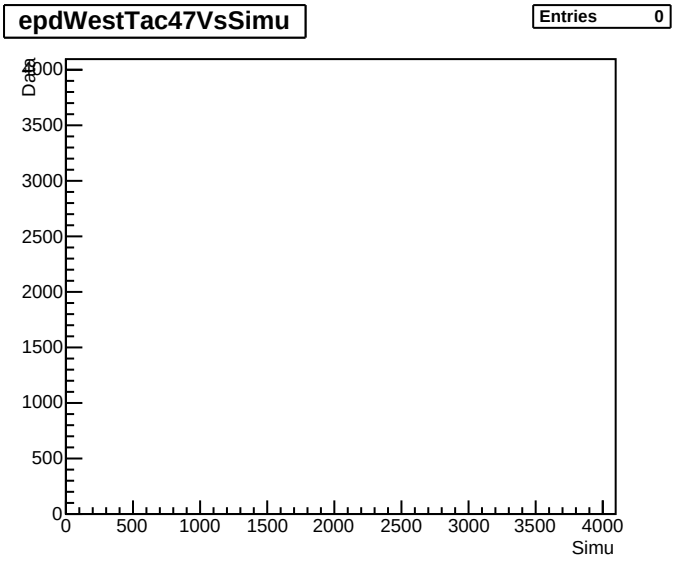
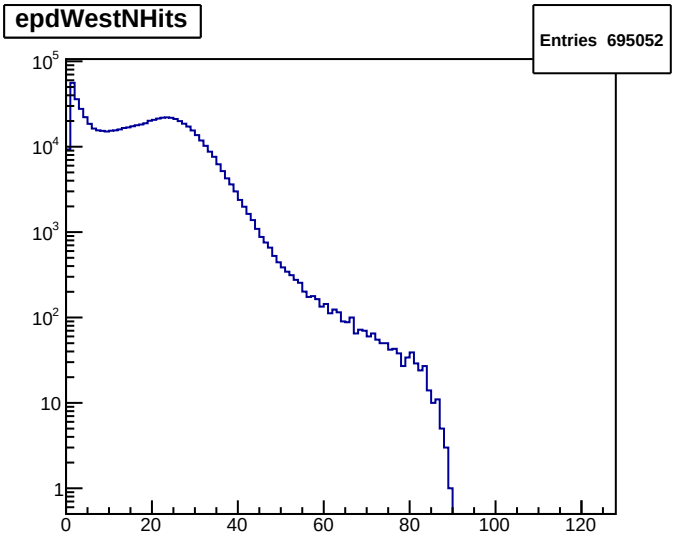
Entries 0
Data
Simu

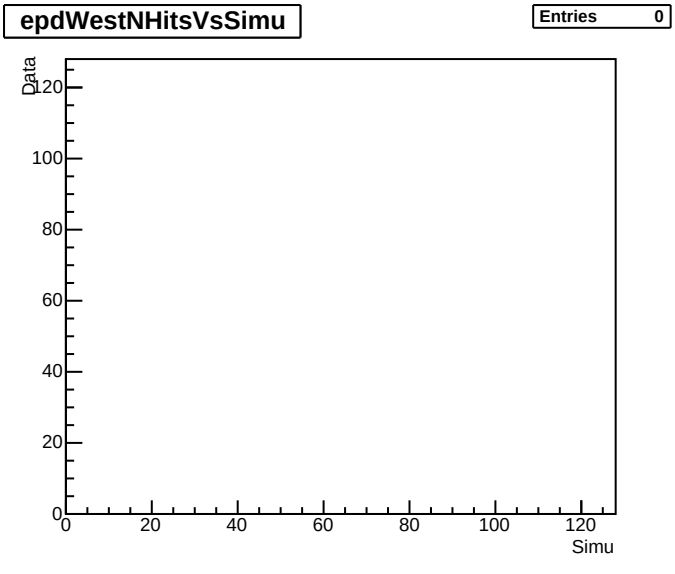

epdWestTac03
Entries 695052

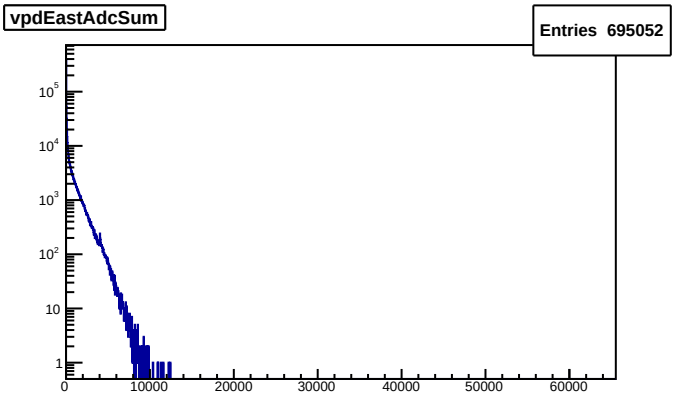

epdWestTac03VsSimu
Entries 0
Data
Simu

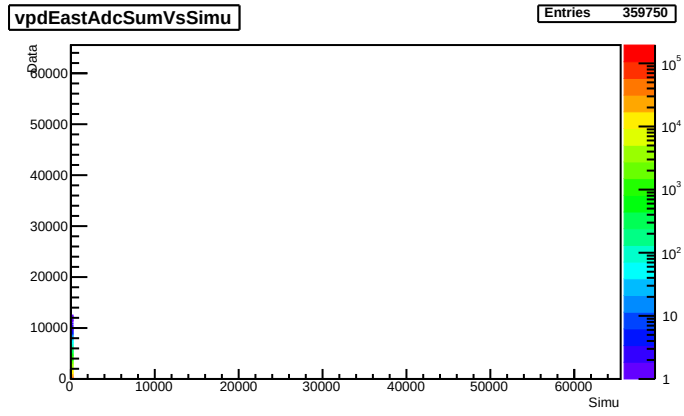

epdWestTac47
Entries 695052

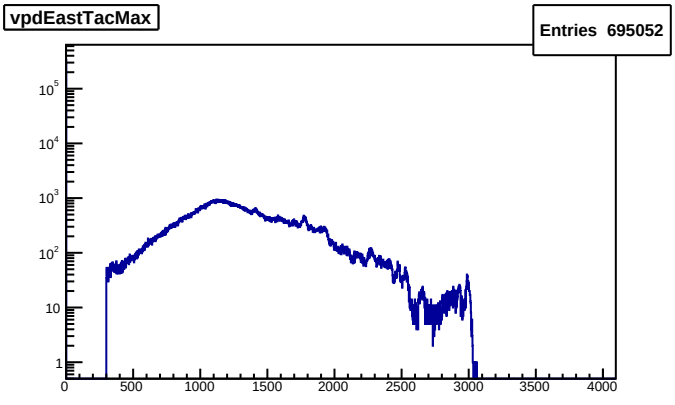

epdWestTac47VsSimu
Entries 0
Data
Simu

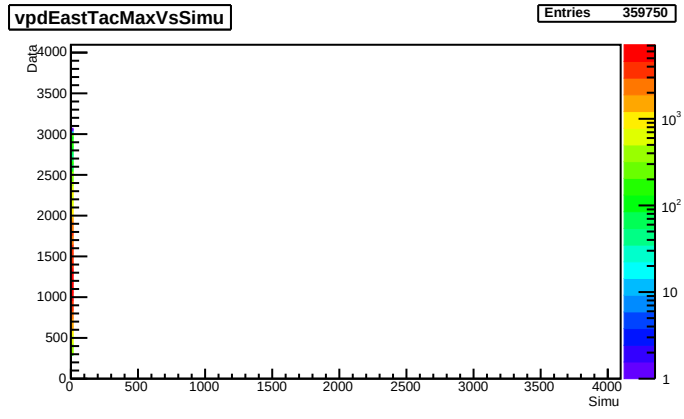

epdWestNHits
Entries 695052

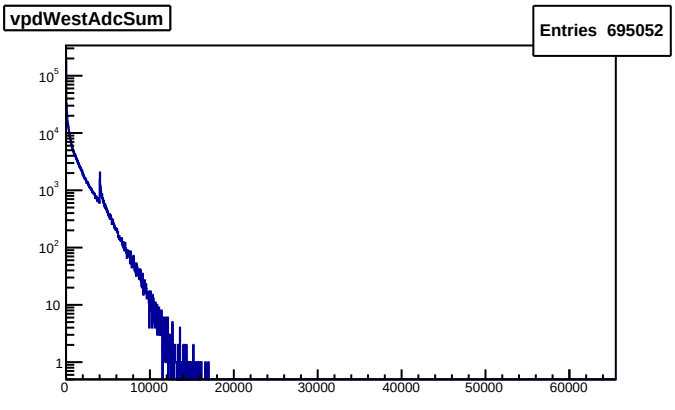

epdWestNHitsVsSimu
Entries 0
Data
Simu

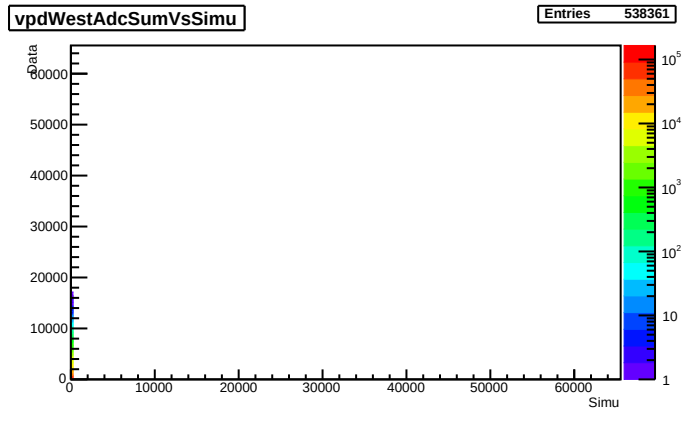

vpdEastAdcSum
Entries 695052

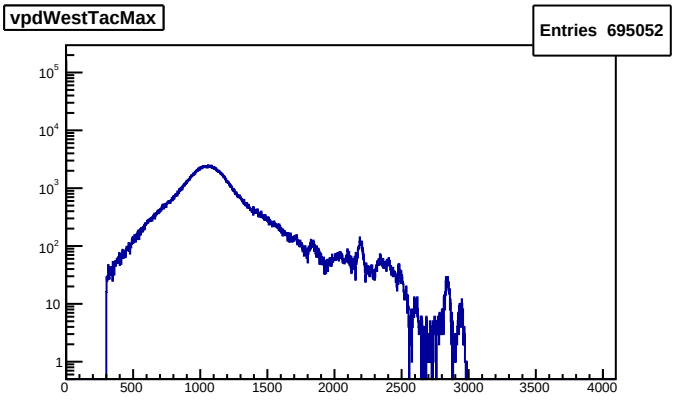

vpdEastAdcSumVsSimu
Entries 359750
Data
Simu

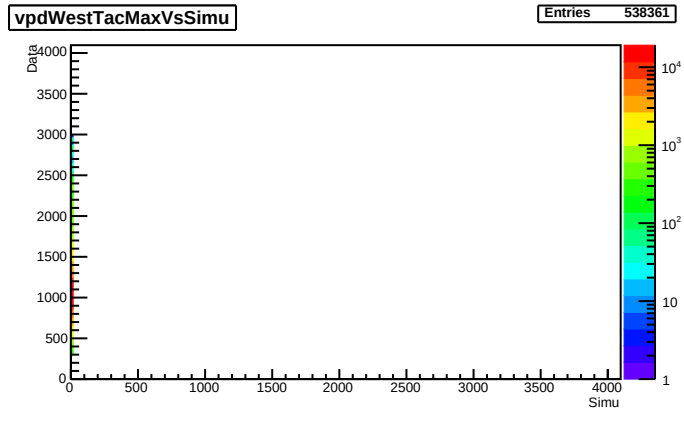

vpdEastTacMax
Entries 695052

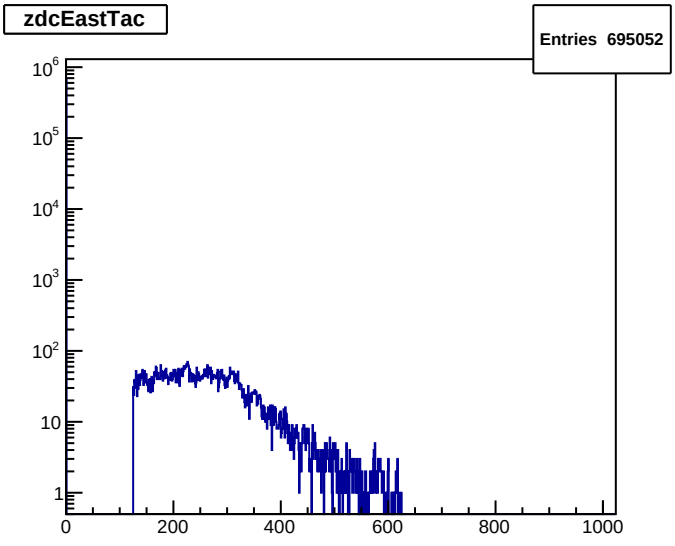

vpdEastTacMaxVsSimu
Entries 359750
Data
Simu

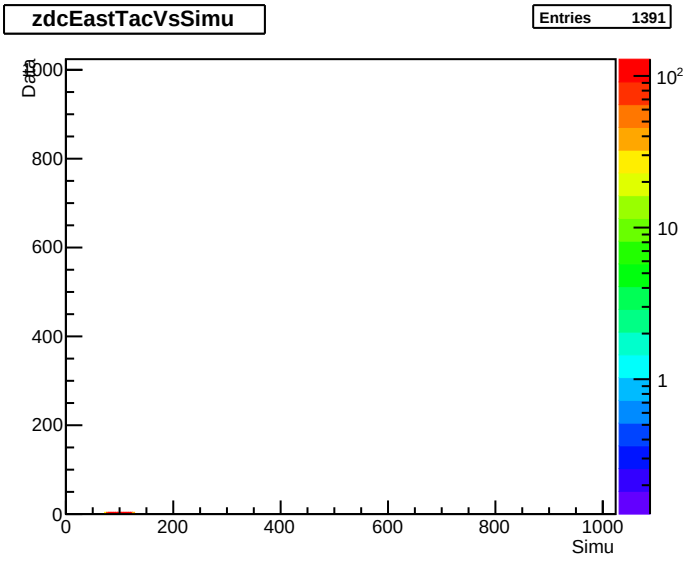

vpdWestAdcSum
Entries 695052

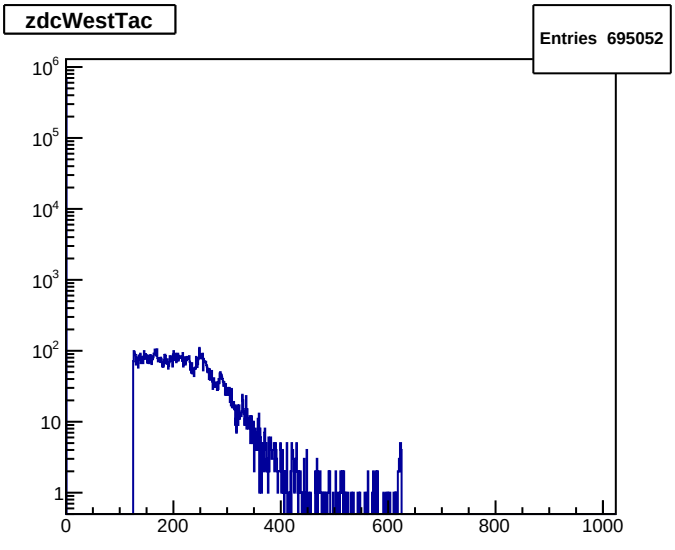

vpdWestAdcSumVsSimu
Entries 538361
Data
Simu

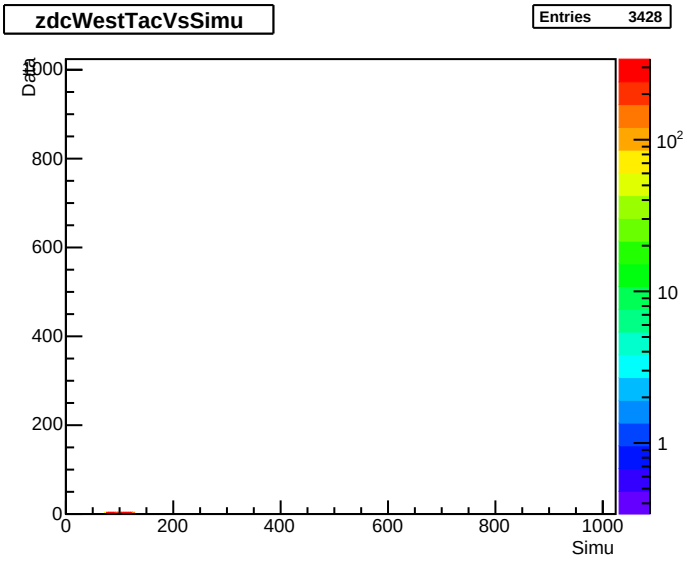

vpdWestTacMax
Entries 695052

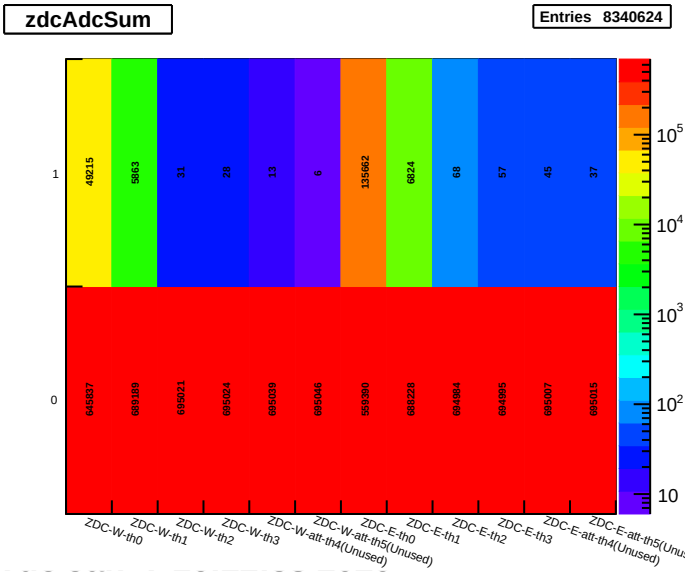

vpdWestTacMaxVsSimu
Entries 538361
Data
Simu

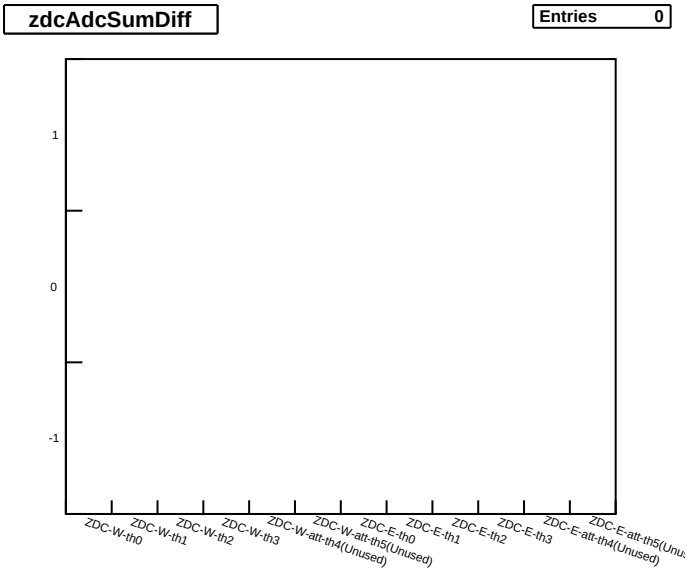

zdcEastTac
Entries 695052

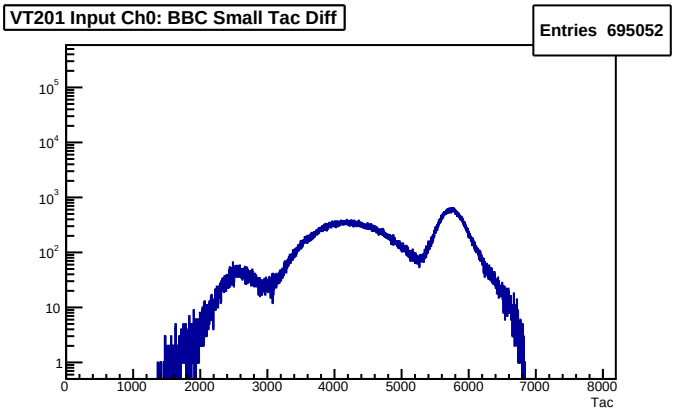

zdcEastTacVsSimu
Entries 1391
Data
Simu

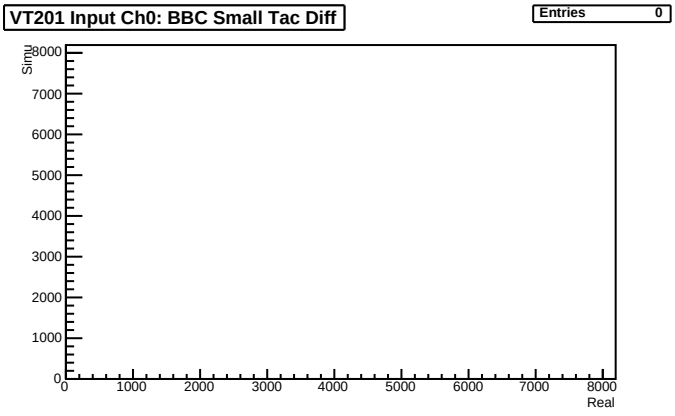

zdcWestTac
Entries 695052

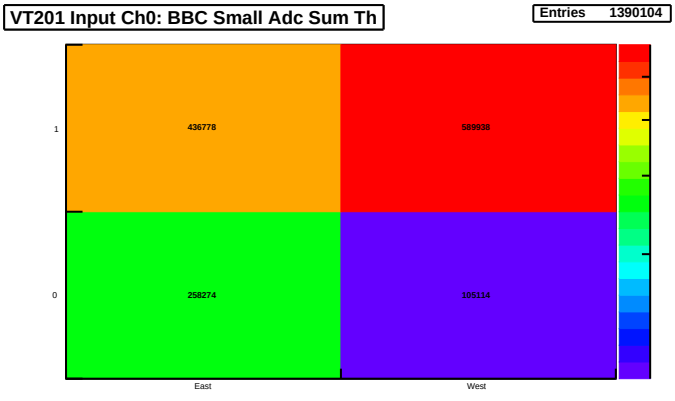

zdcWestTacVsSimu
Entries 3428
Data
Simu

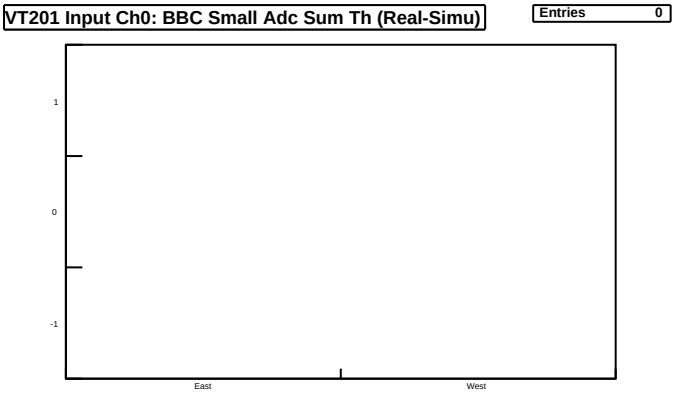

zdcAdcSum
Entries 8340624
49215
5863
31
28
13
6
135662
6824
68
57
45
37
645837
689189
695021
695024
695039
695046
559390
688228
694984
694995
695007
695015
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

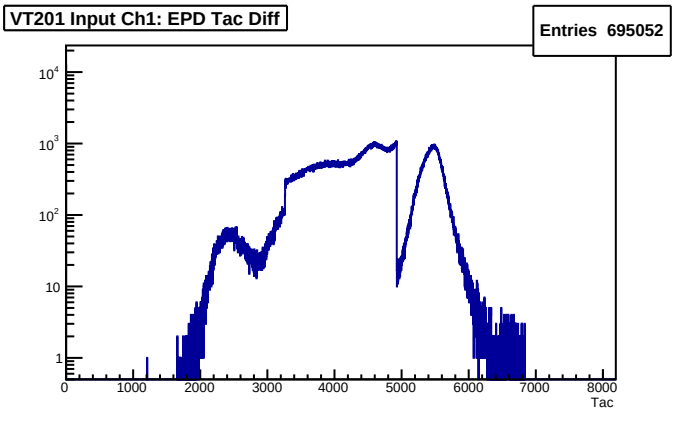

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

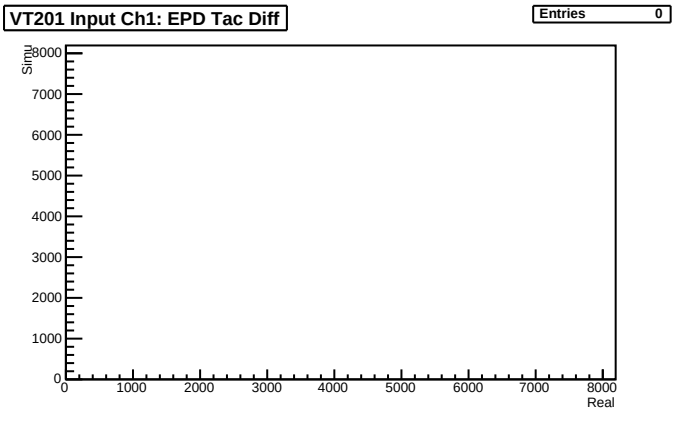

VT201 Input Ch0: BBC Small Tac Diff
Entries 695052
Tac

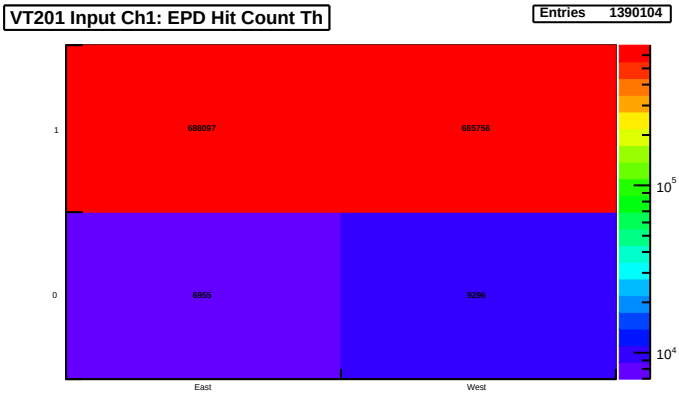

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

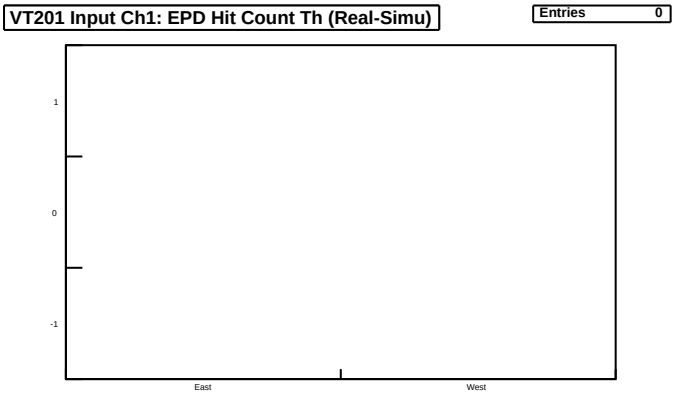

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1390104
436778
589938
258274
105114
East
West

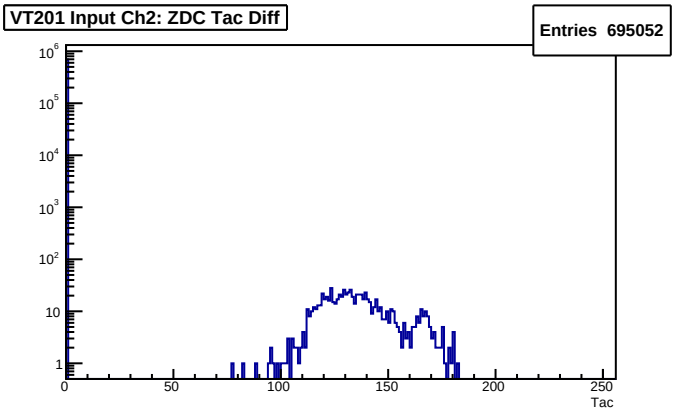

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

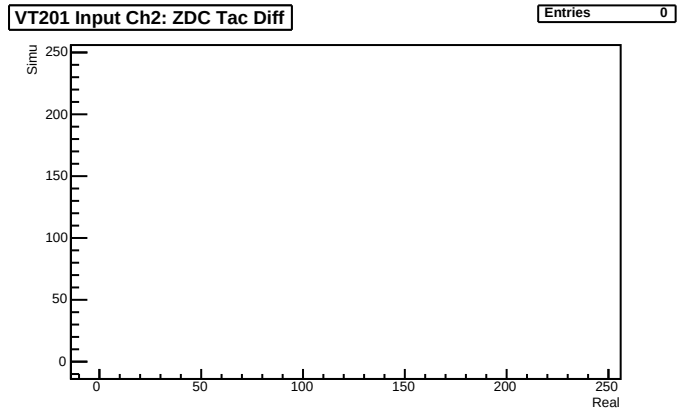

VT201 Input Ch1: EPD Tac Diff
Entries 695052
Tac

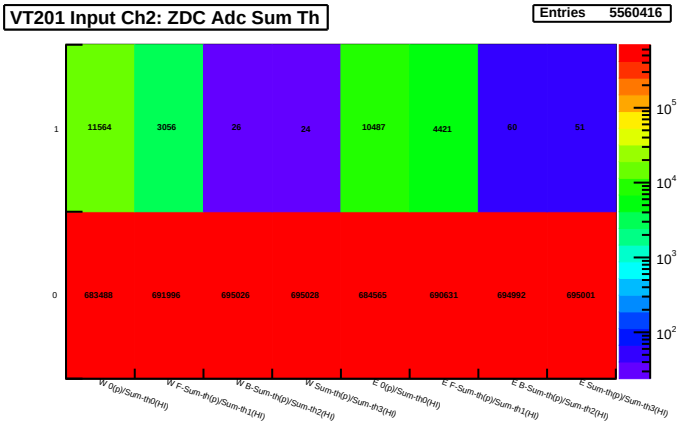

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

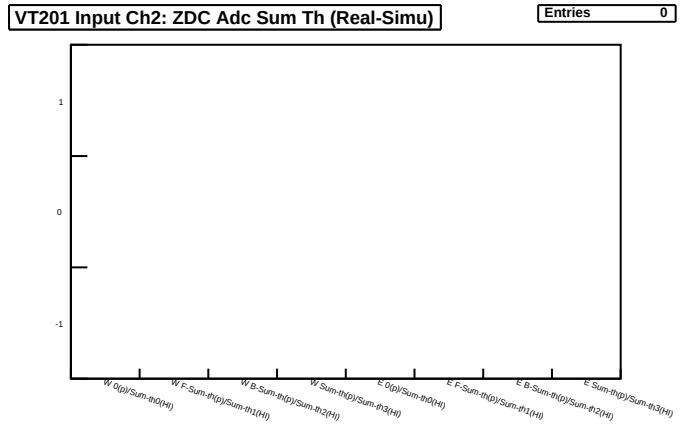

VT201 Input Ch1: EPD Hit Count Th
Entries 1390104
688097
685756
6955
9296
East
West

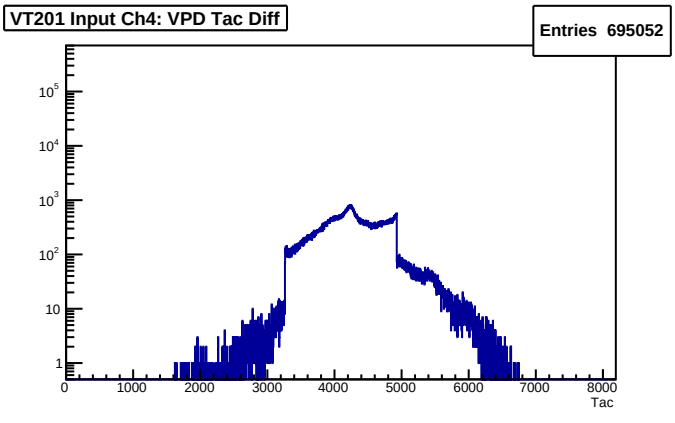

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

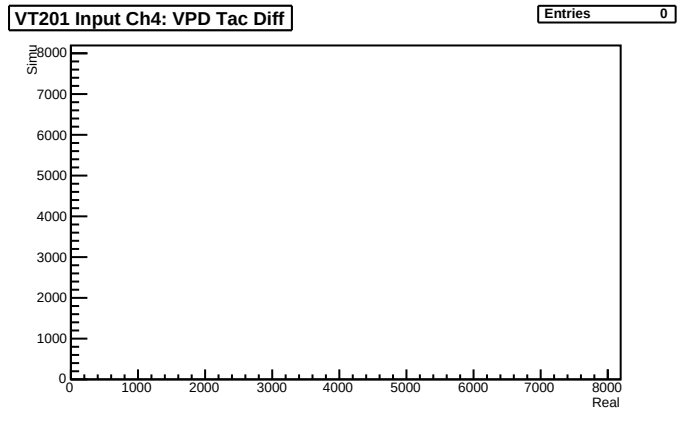

VT201 Input Ch2: ZDC Tac Diff
Entries 695052
Tac

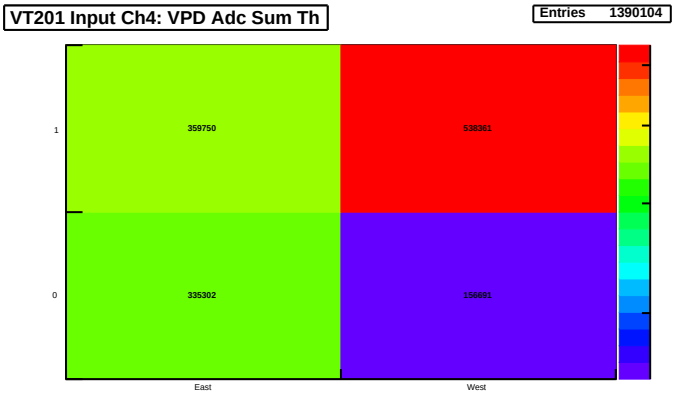

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

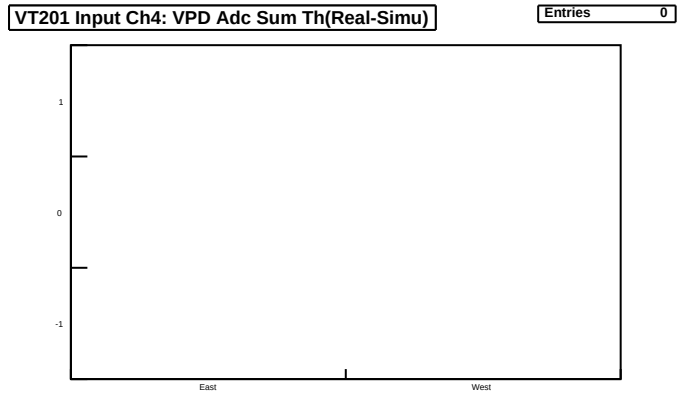

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5560416
11564
3056
26
24
10487
4421
60
51
683488
691996
695026
695028
684565
690631
694992
695001
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

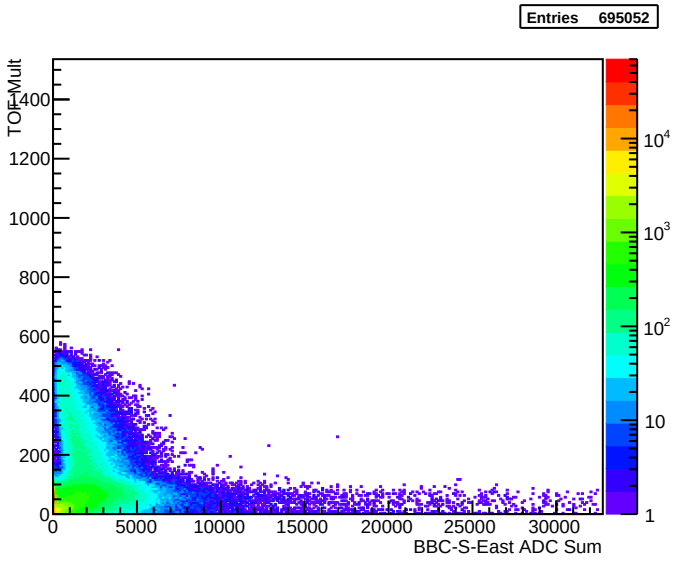

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

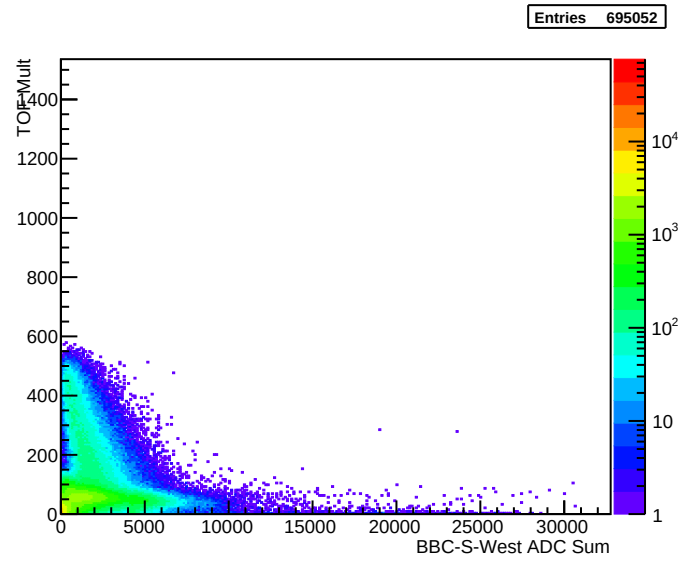

VT201 Input Ch4: VPD Tac Diff
Entries 695052
Tac

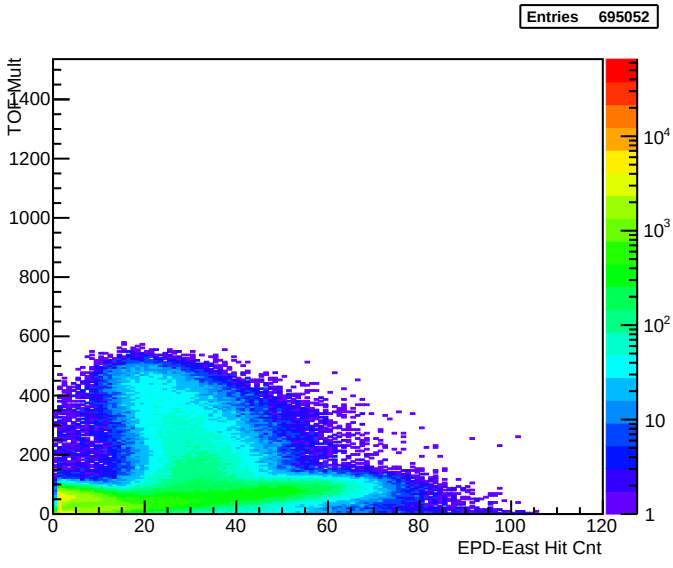

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

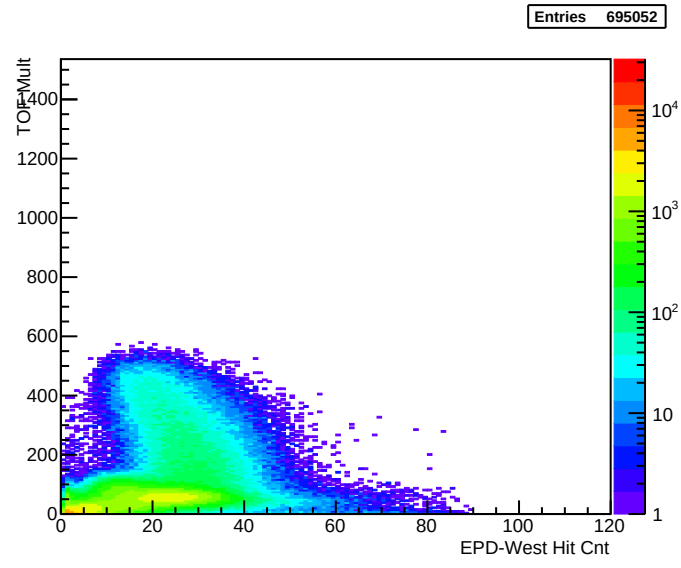

VT201 Input Ch4: VPD Adc Sum Th
Entries 1390104
359750
538361
335302
156691
East
West

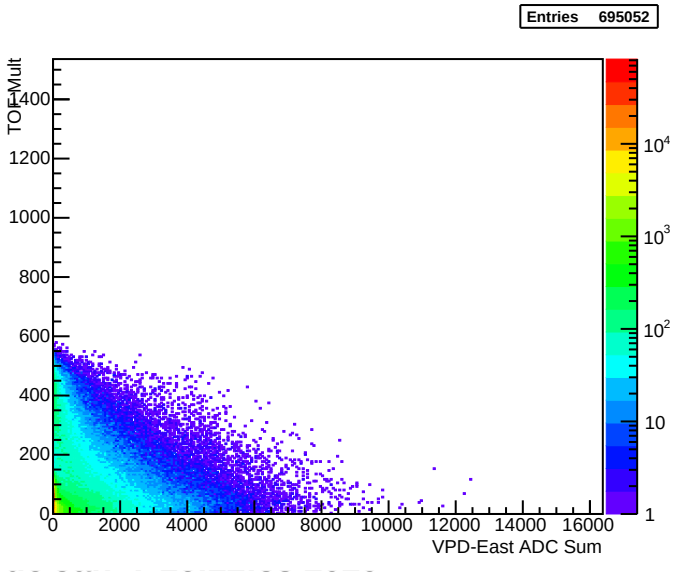

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

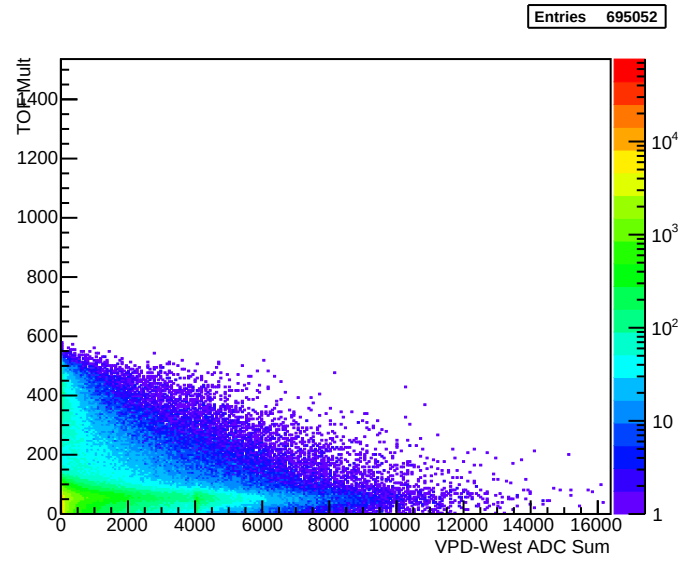

Entries 695052
TOF-Mult
BBC-S-East ADC Sum

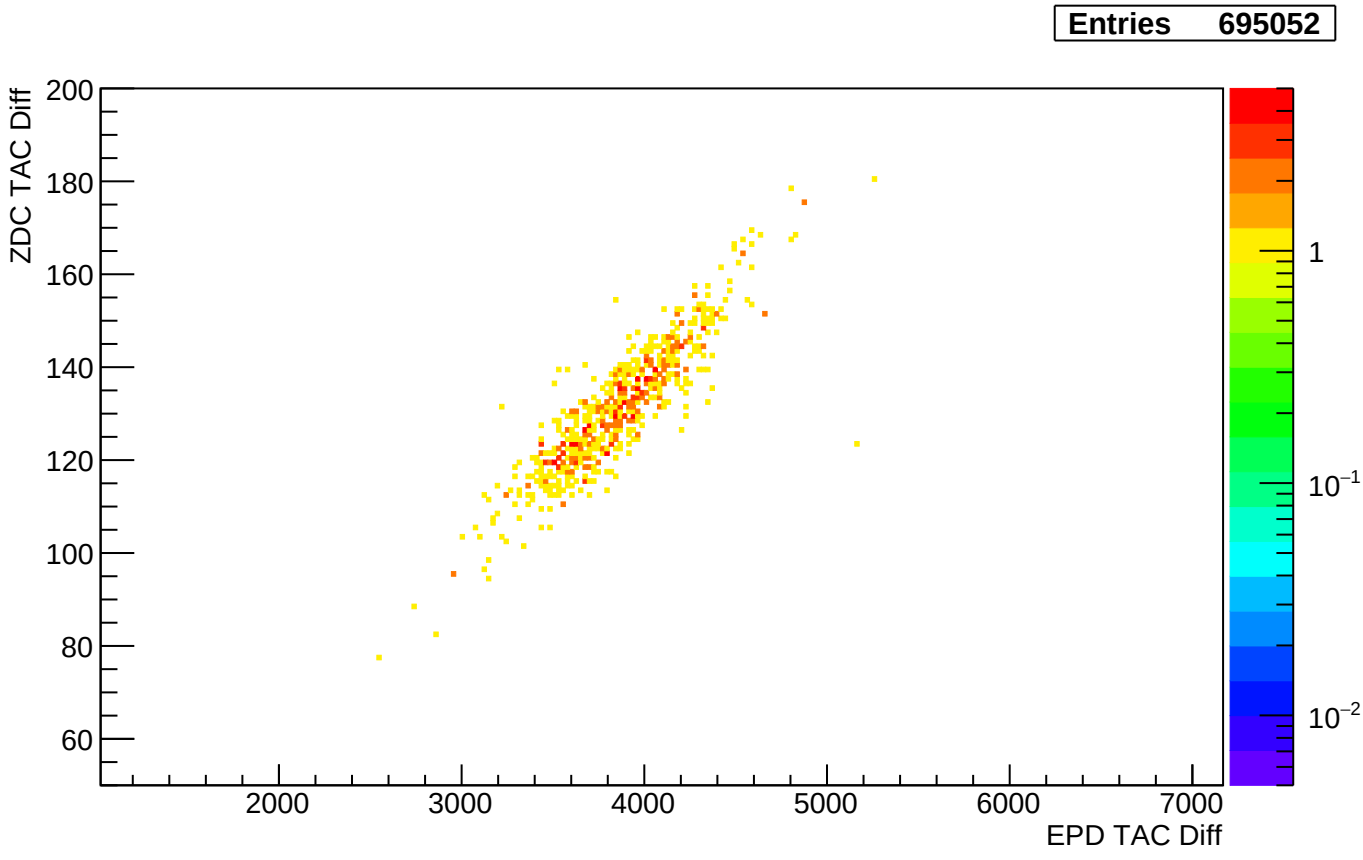

Entries 695052
TOF-Mult
BBC-S-West ADC Sum

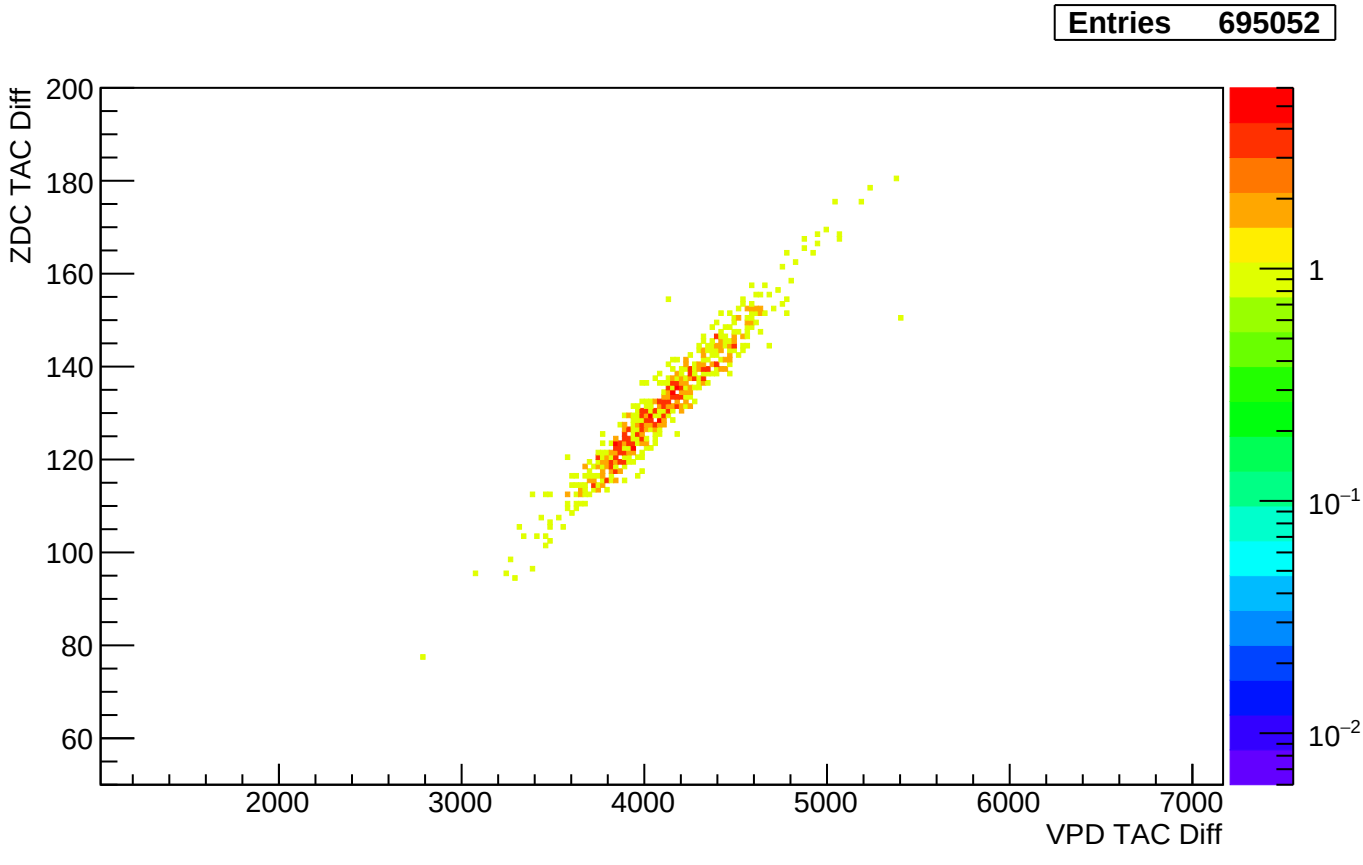

Entries 695052
TOF-Mult
EPD-East Hit Cnt

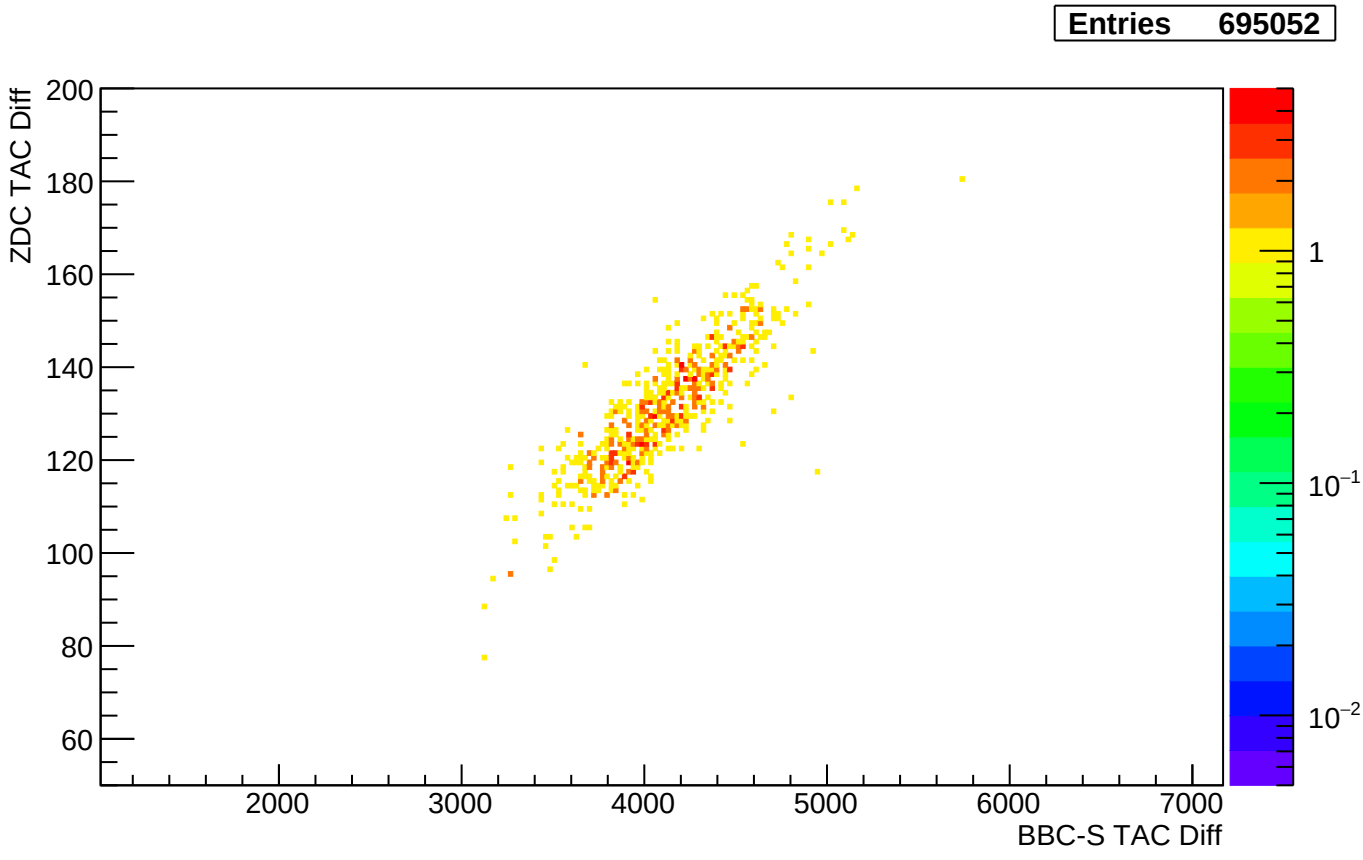

Entries 695052
TOF-Mult
EPD-West Hit Cnt

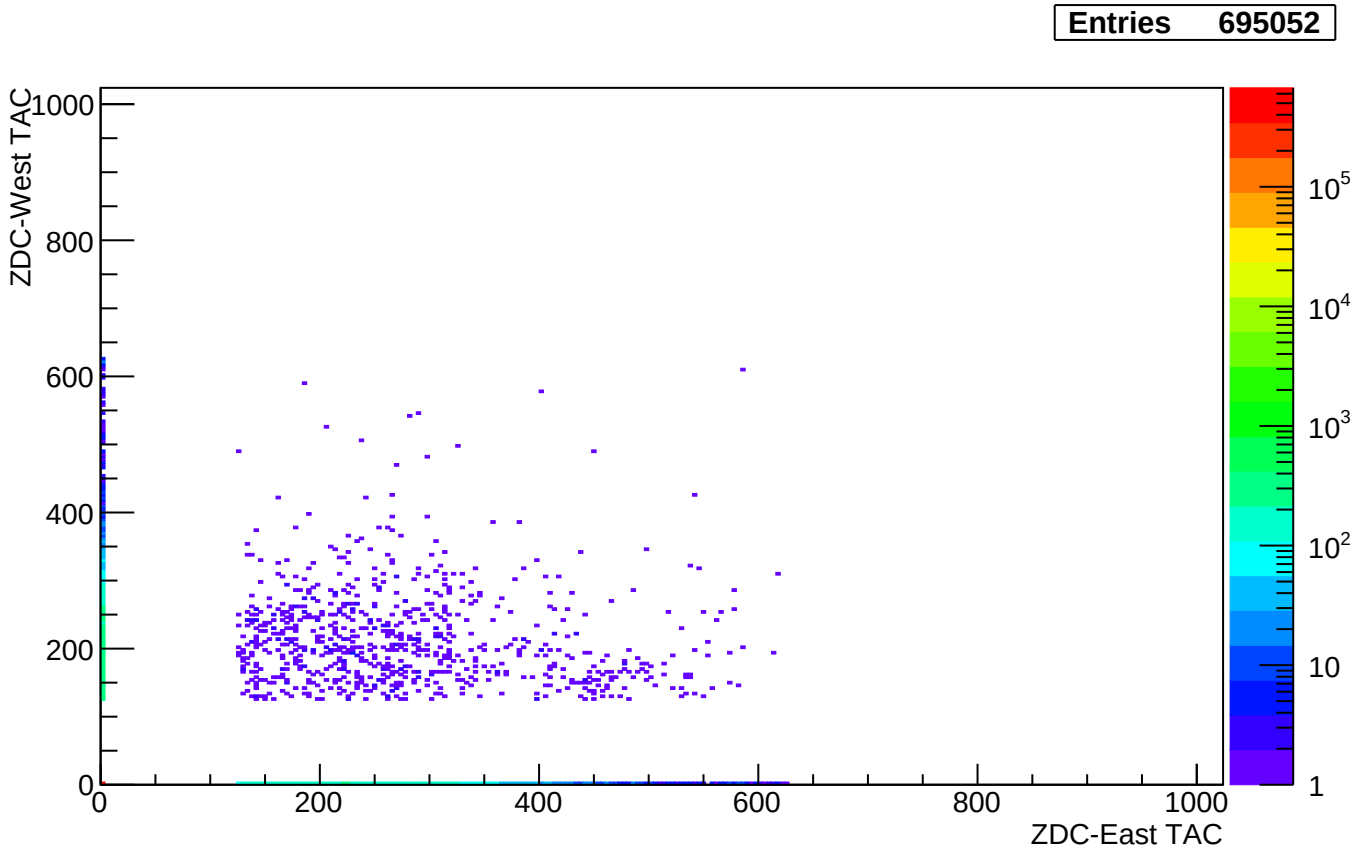

Entries 695052
TOF-Mult
VPD-East ADC Sum

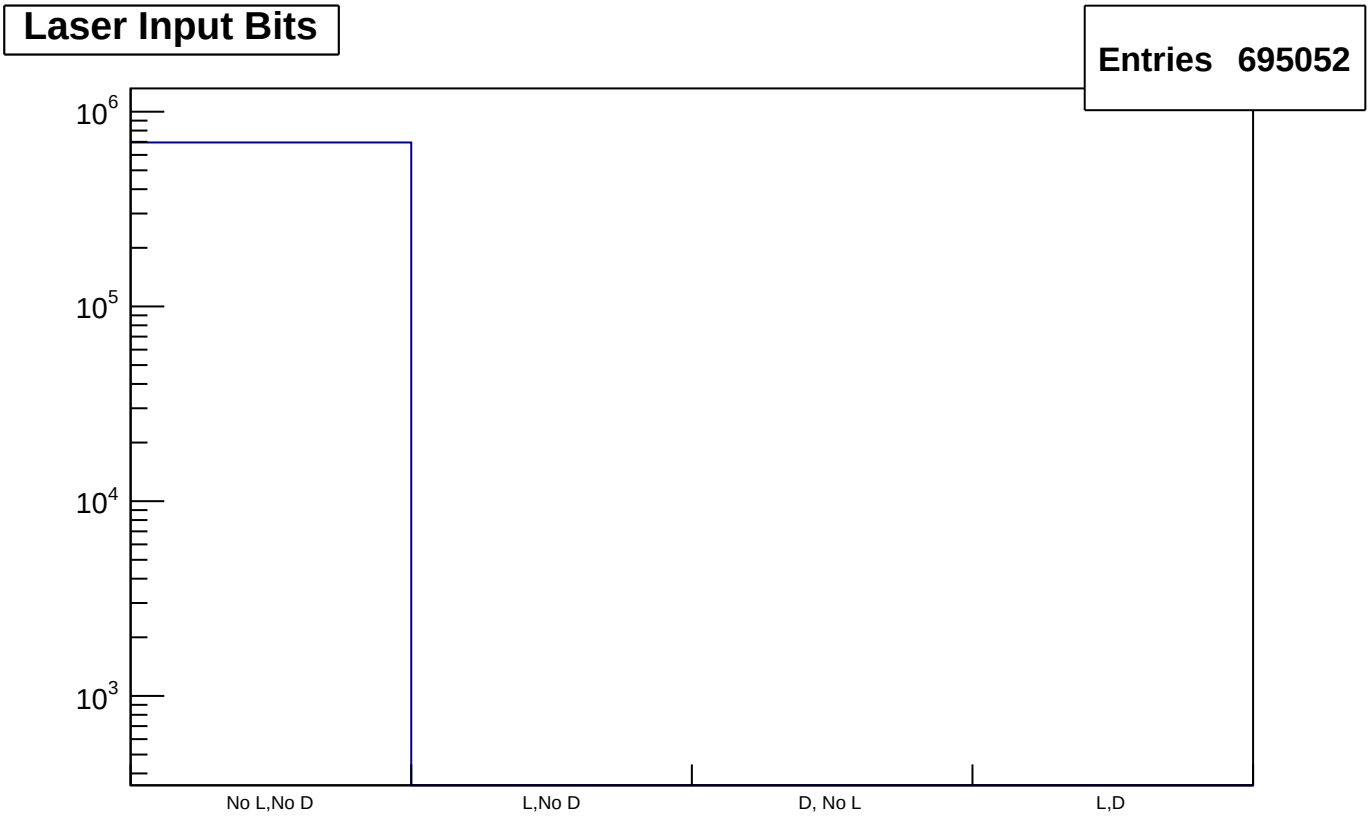

Entries 695052
TOF-Mult
VPD-West ADC Sum

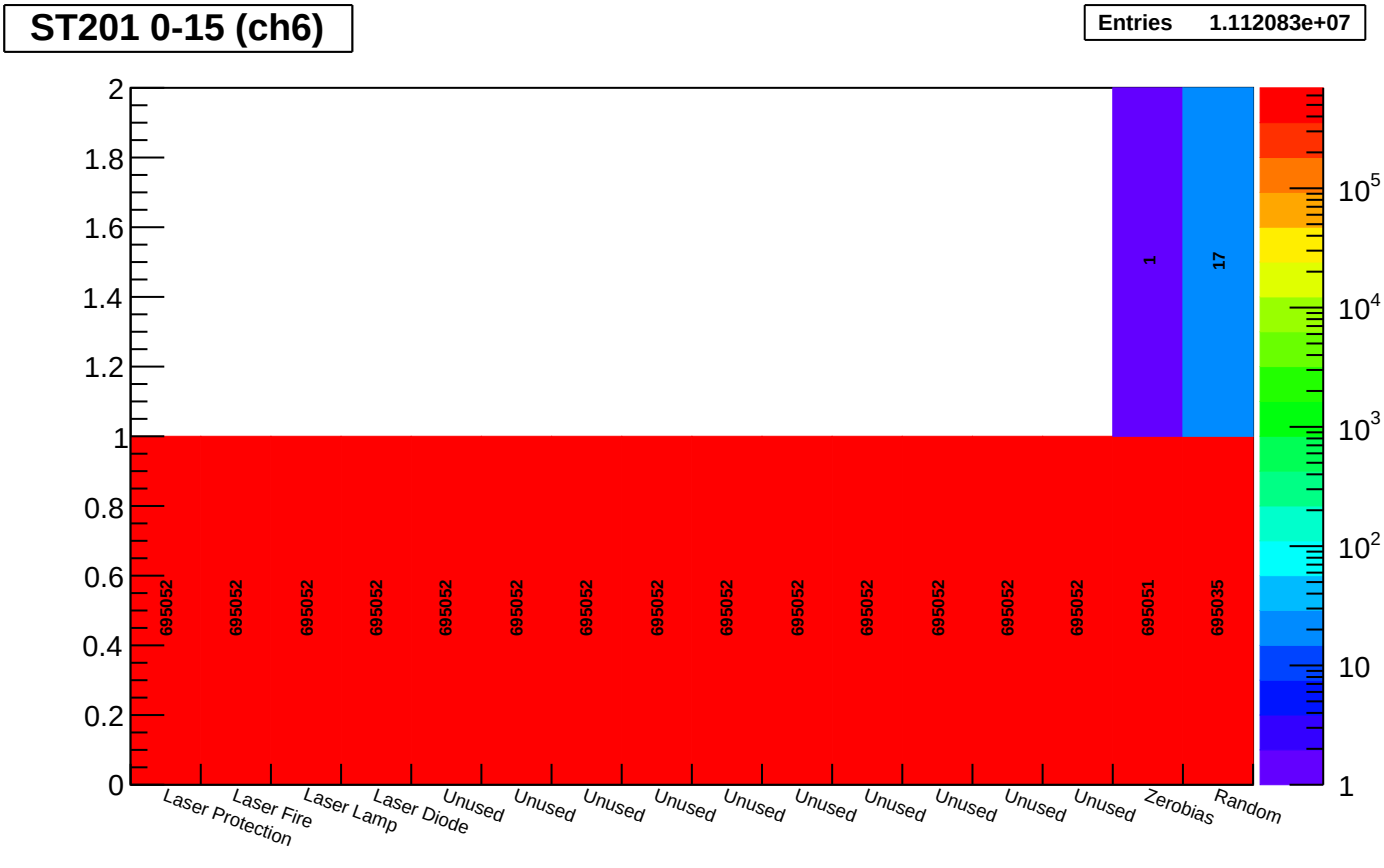

Entries 695052
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 695052
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}

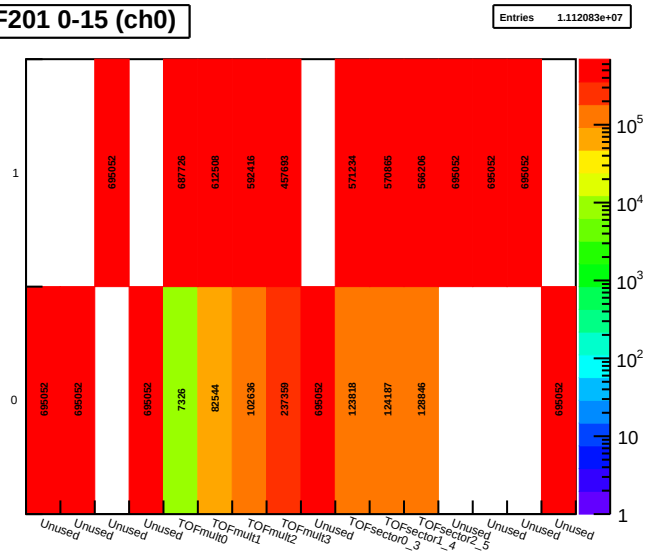

Entries 695052
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}


Entries 695052
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

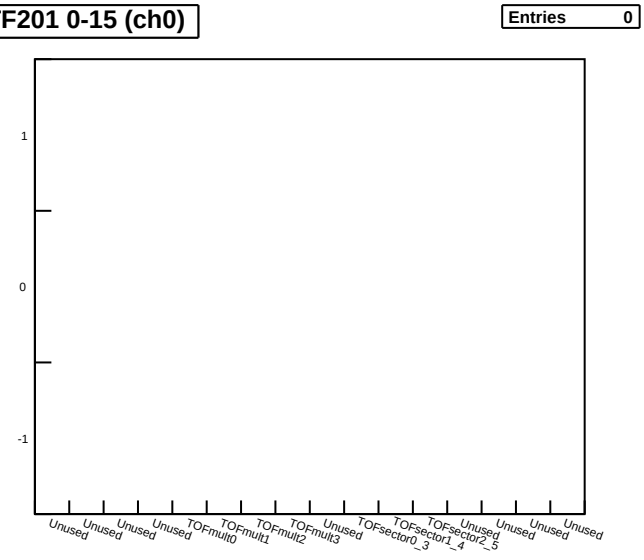

Laser Input Bits
Entries 695052
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.112083e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
695052
695052
695052
695052
695052
695052
695052
695052
695052
695052
695052
695052
695052
695052
695051
695035
1
17
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

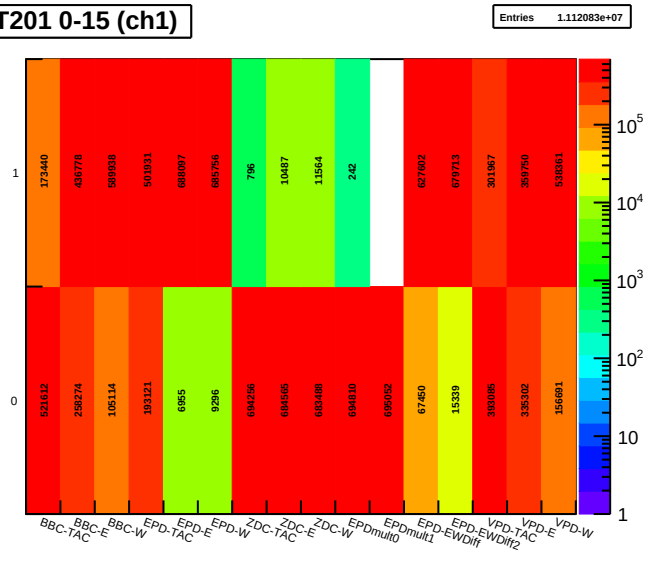
TF201 0-15 (ch0)



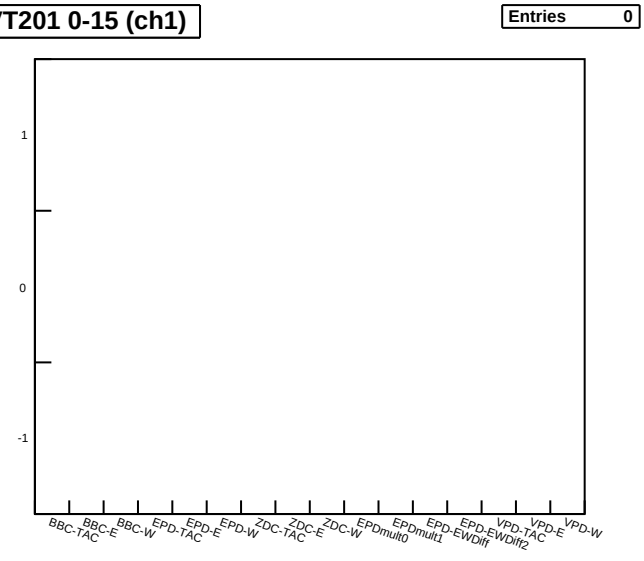
TF201 0-15 (ch0)



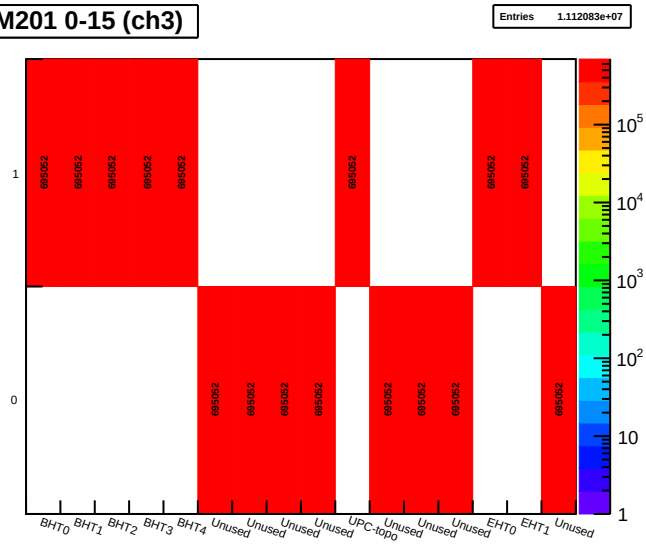
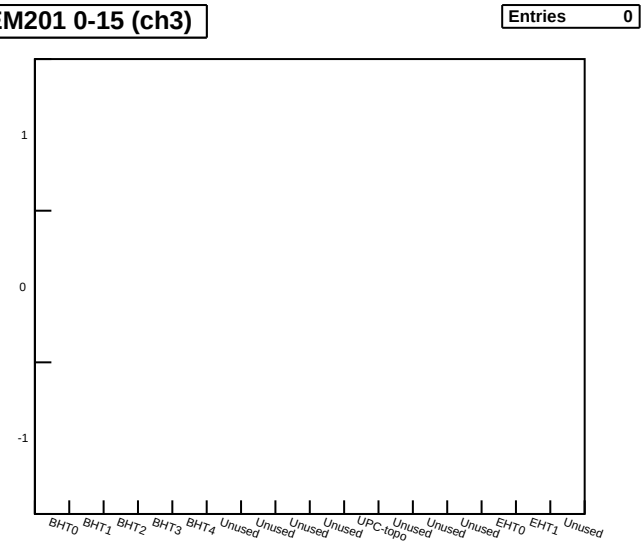
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)