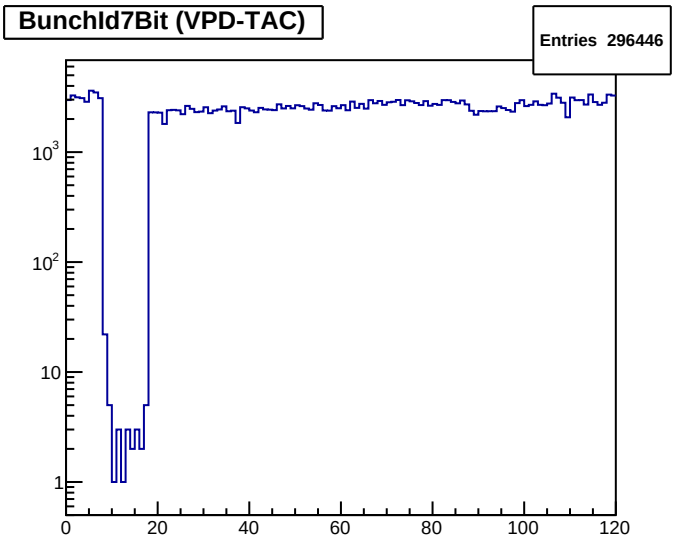
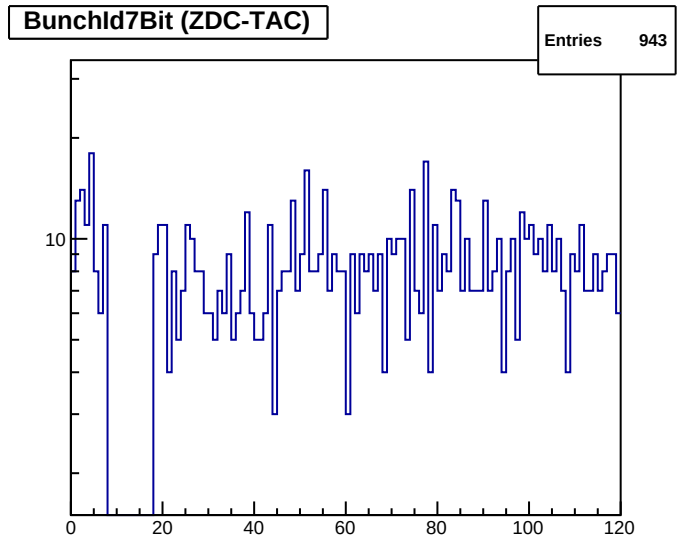
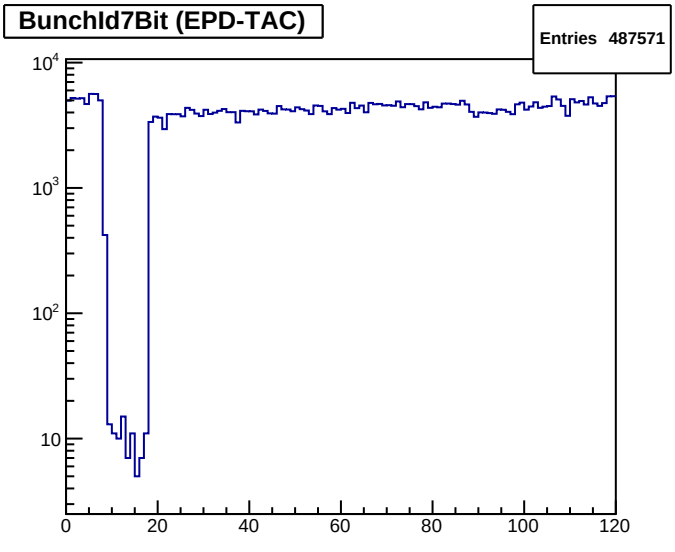
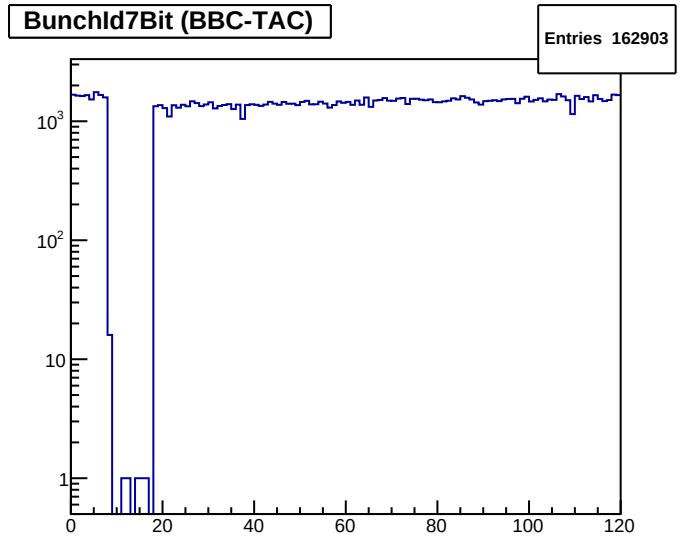
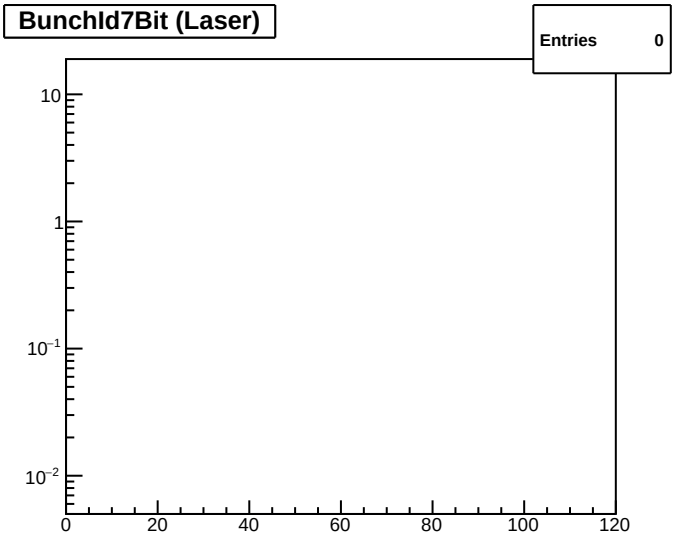
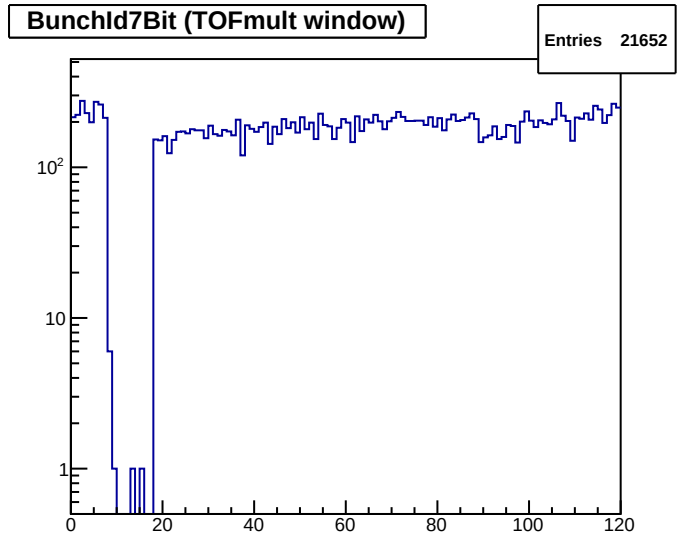

BunchId7Bit (VPD-TAC)
Entries 296446

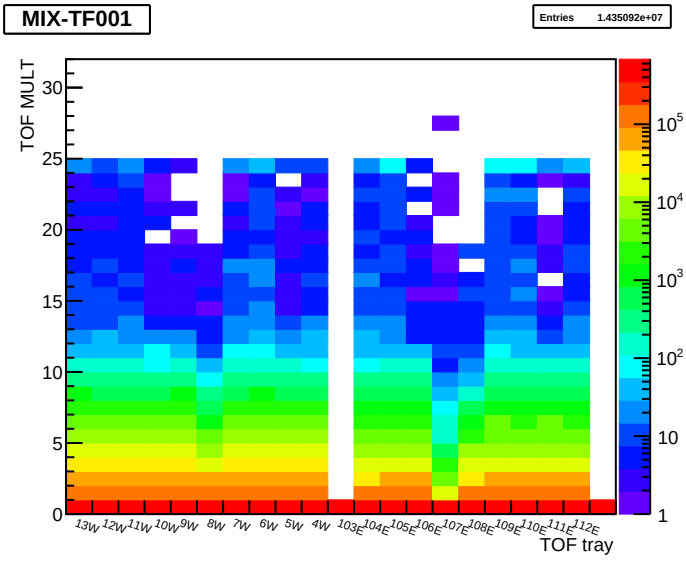

BunchId7Bit (ZDC-TAC)
Entries 943

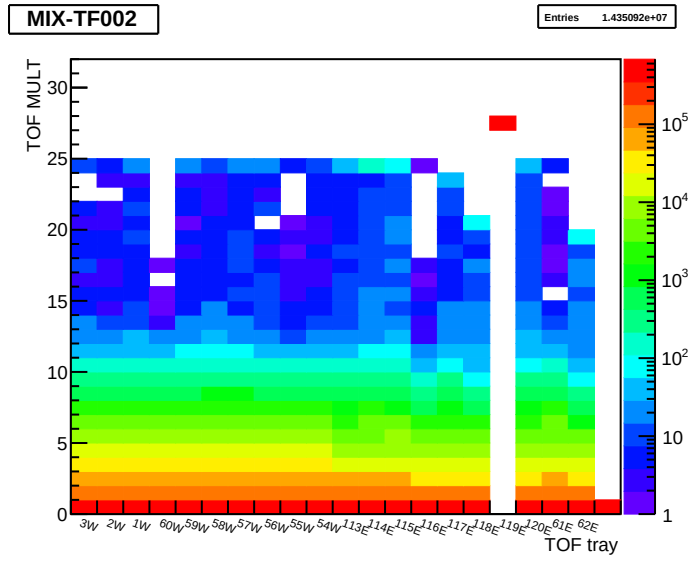

BunchId7Bit (EPD-TAC)
Entries 487571

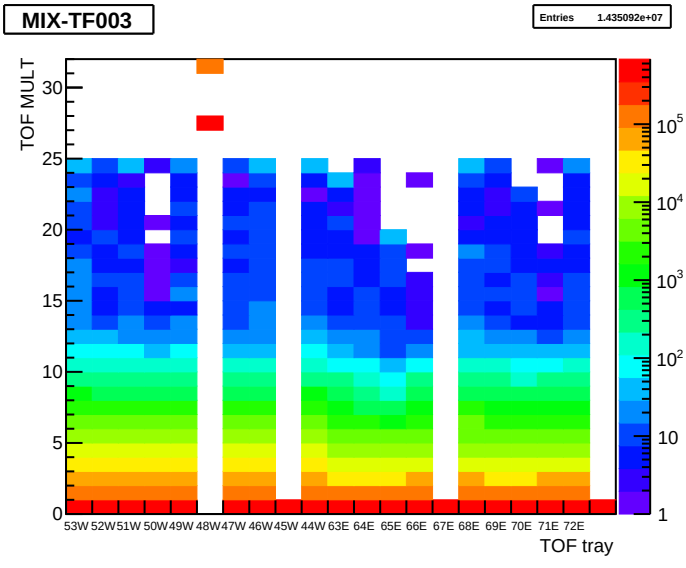

BunchId7Bit (BBC-TAC)
Entries 162903

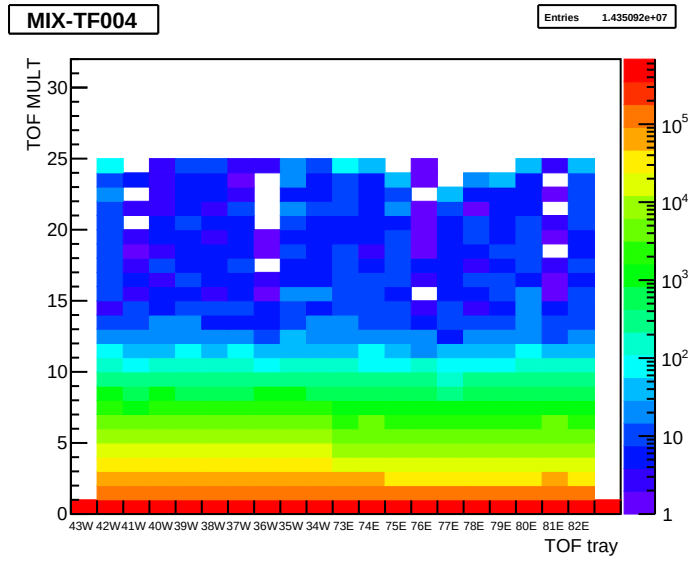

BunchId7Bit (Laser)
Entries 0

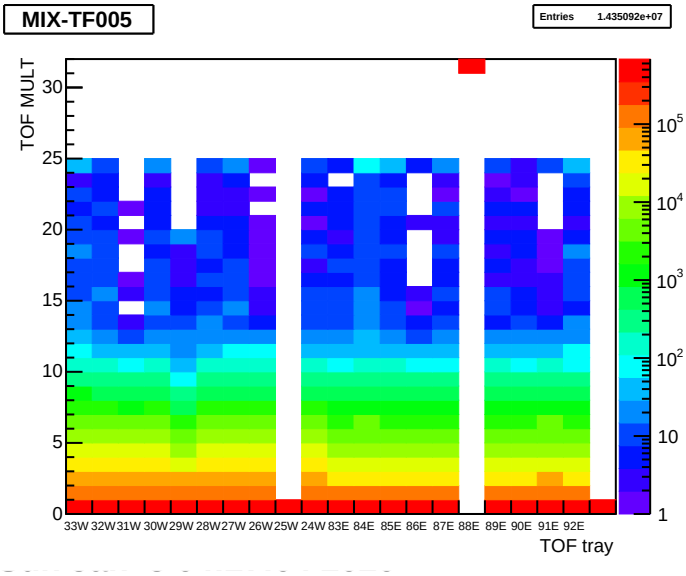

BunchId7Bit (TOFmult window)
Entries 21652

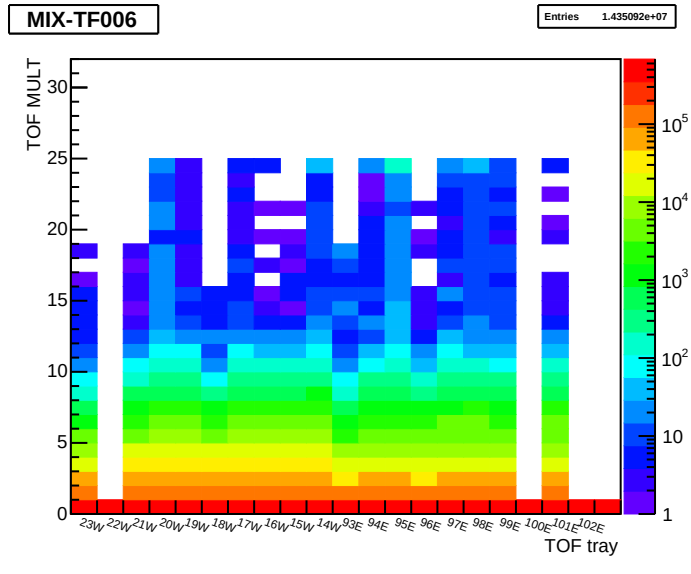

MIX-TF001
Entries 1.435092e+07
TOF MULT
TOF tray

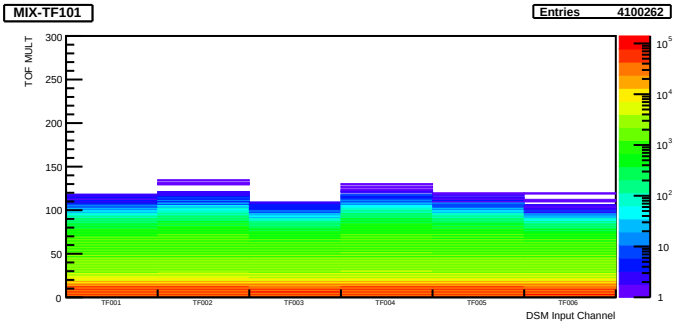

MIX-TF002
Entries 1.435092e+07
TOF MULT
TOF tray

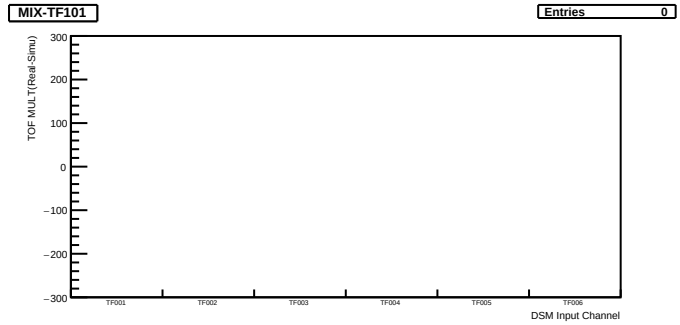

MIX-TF003
Entries 1.435092e+07
TOF MULT
TOF tray

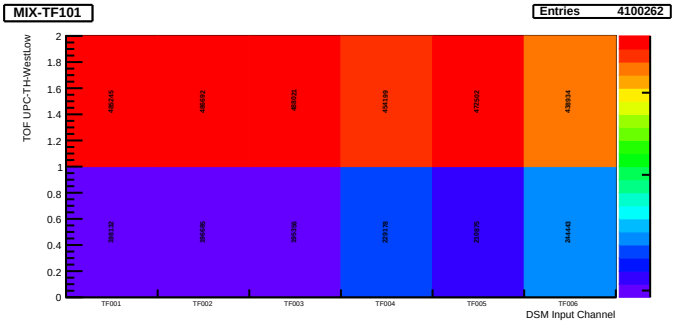

MIX-TF004
Entries 1.435092e+07
TOF MULT
TOF tray

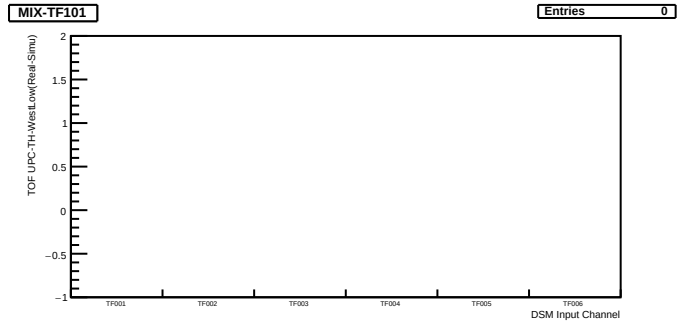

MIX-TF005
Entries 1.435092e+07
TOF MULT
TOF tray

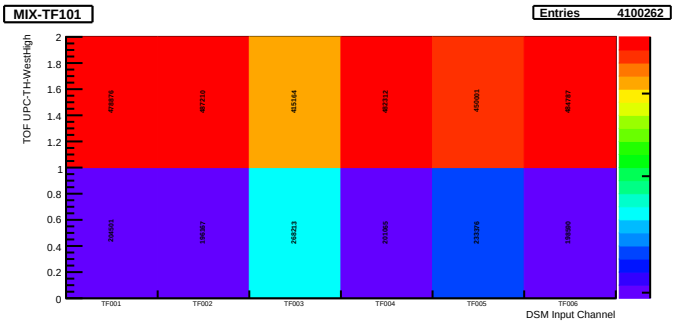

MIX-TF006
Entries 1.435092e+07
TOF MULT
TOF tray

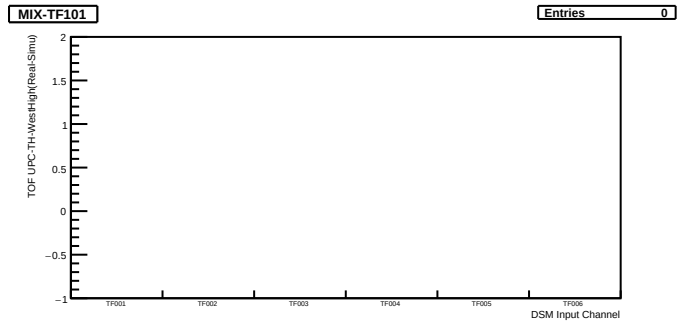

MIX-TF101
Entries 4100262
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

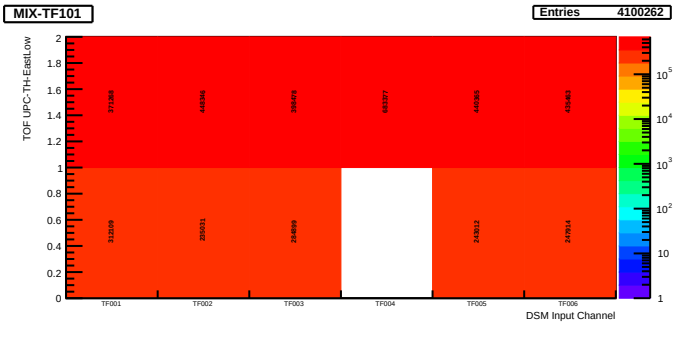

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

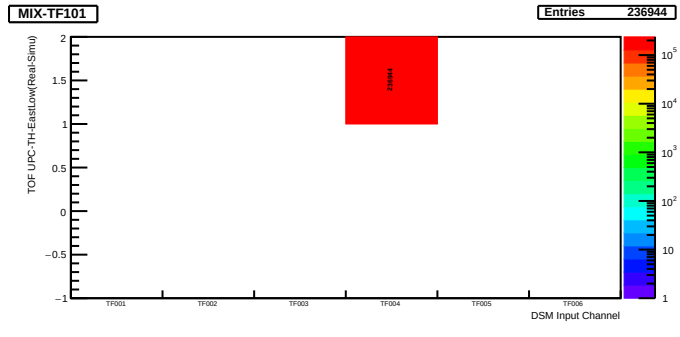

MIX-TF101
Entries 4100262
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

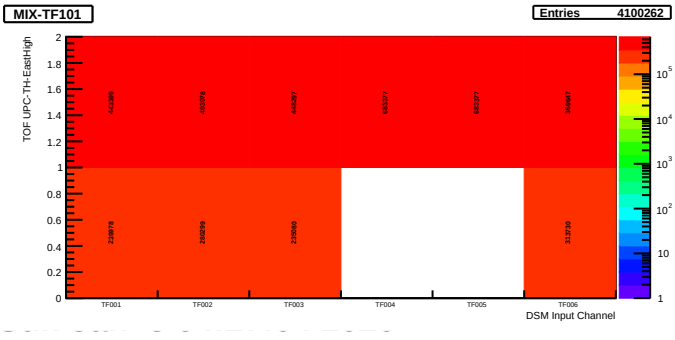

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

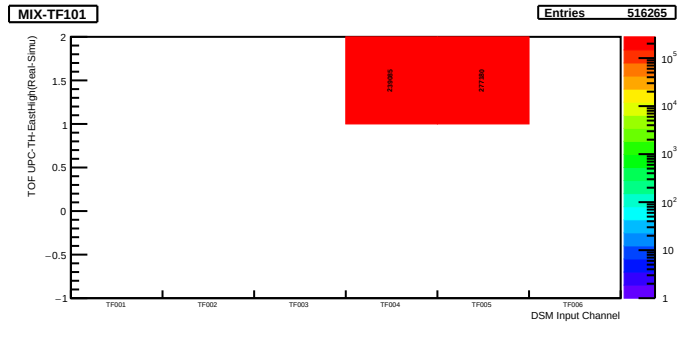

MIX-TF101
Entries 4100262
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

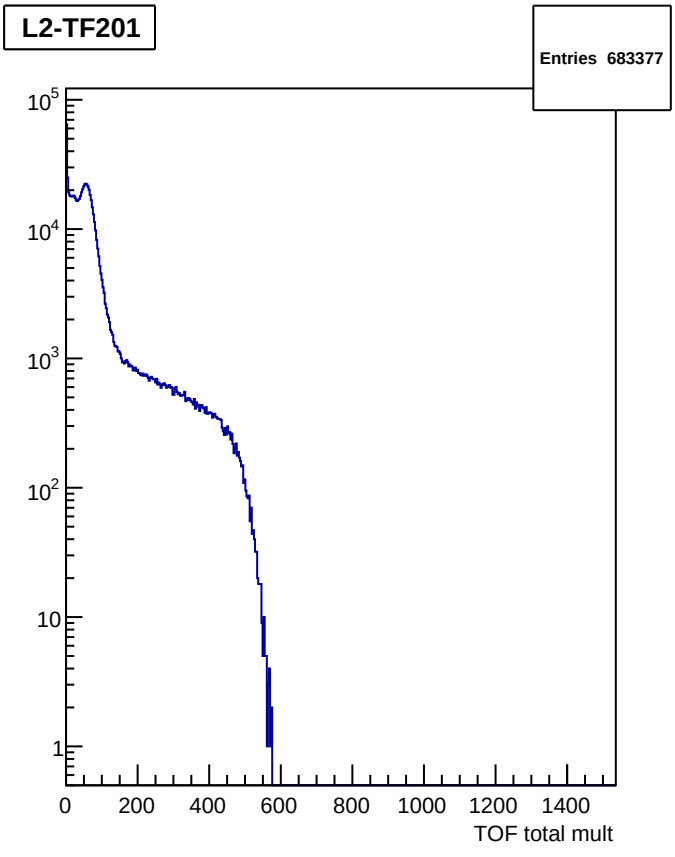

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

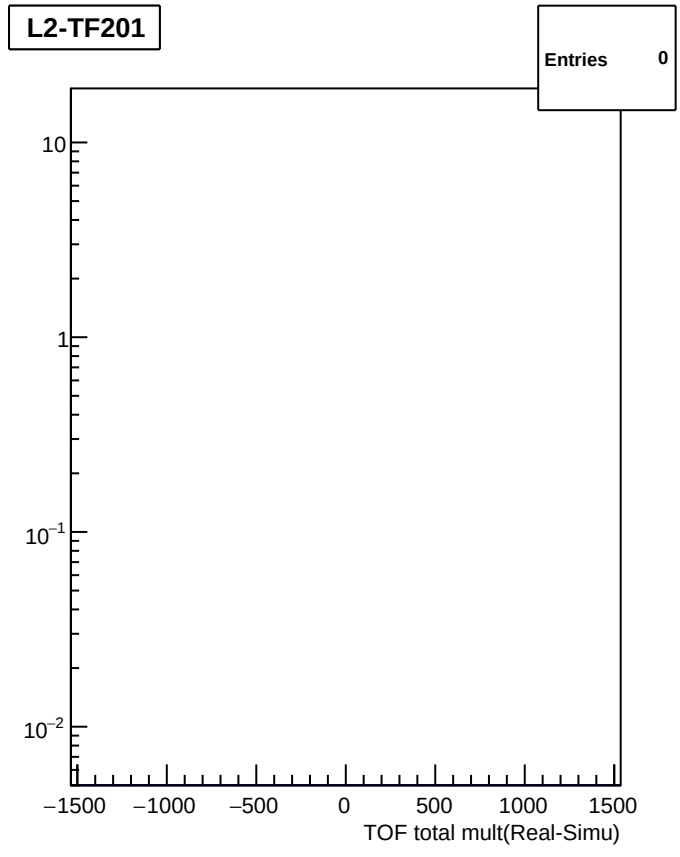

MIX-TF101
Entries 4100262
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

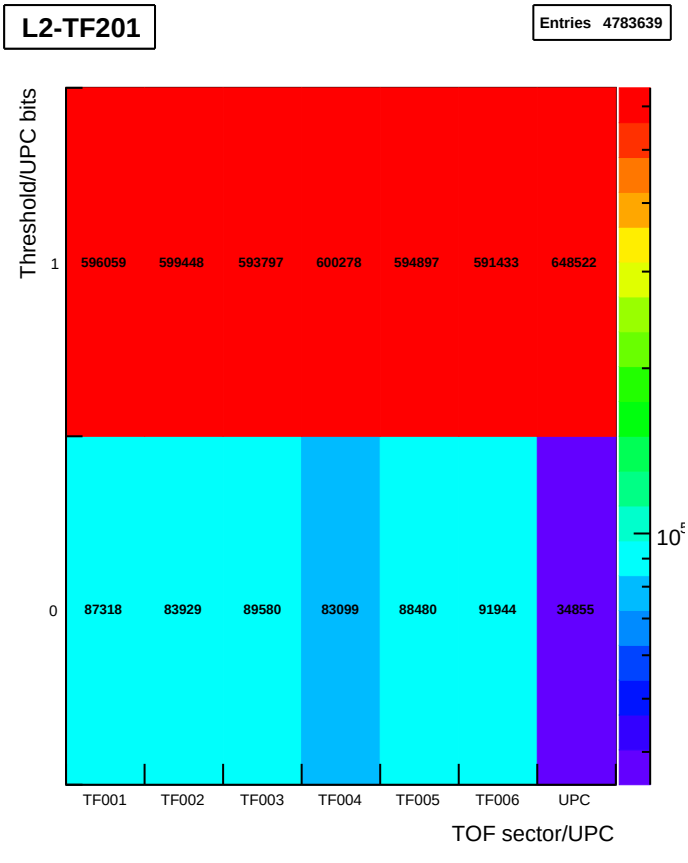

MIX-TF101
Entries 236944
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

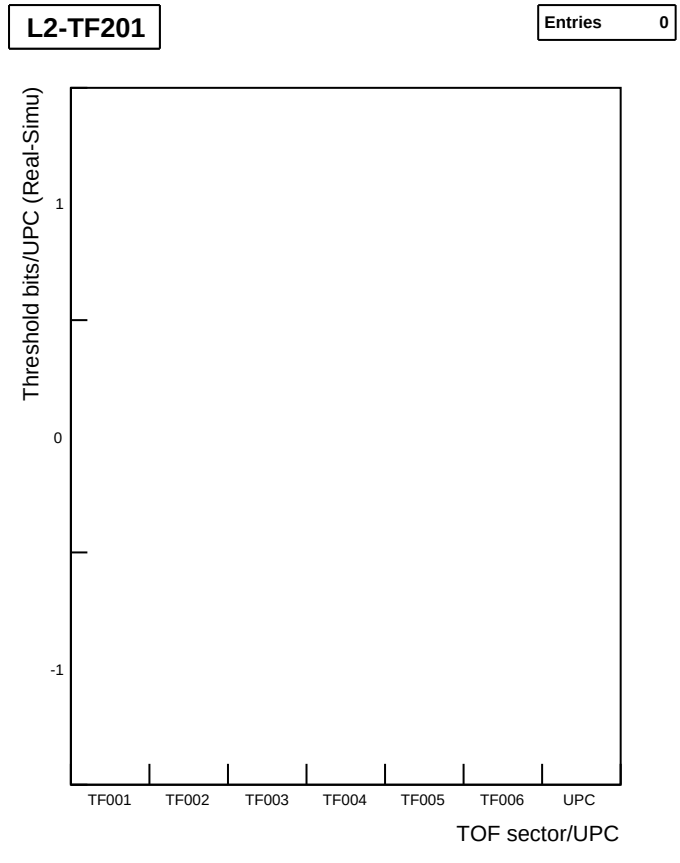

MIX-TF101
Entries 4100262
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

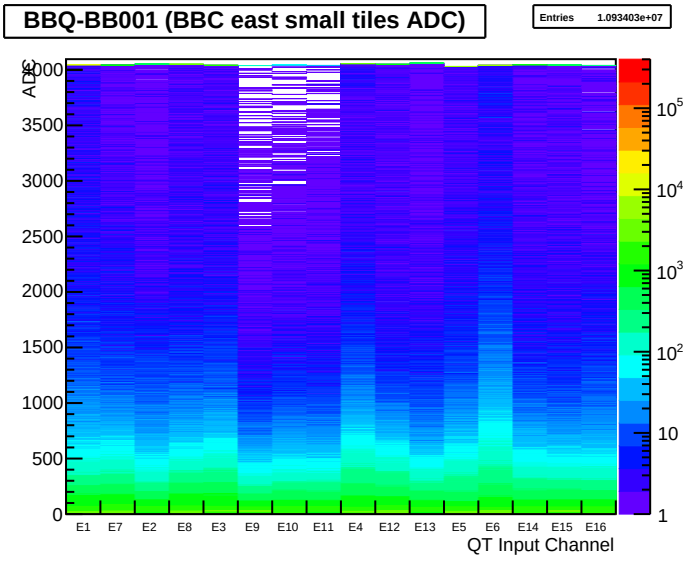

MIX-TF101
Entries 516265
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

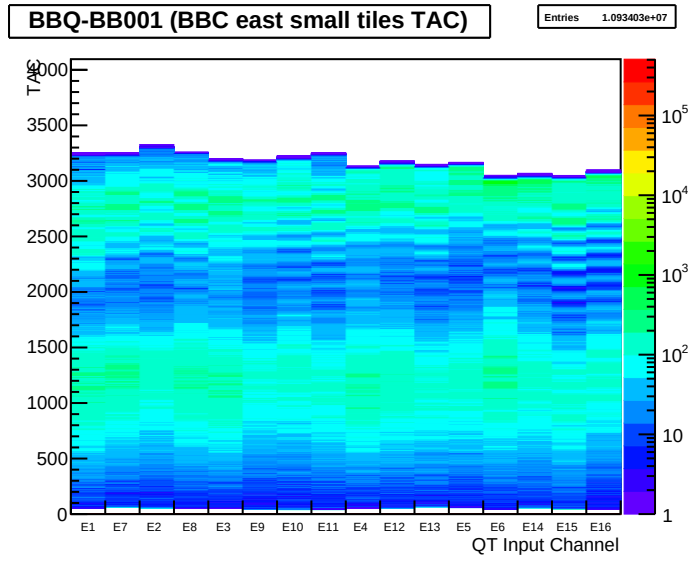

L2-TF201
Entries 683377
TOF total mult

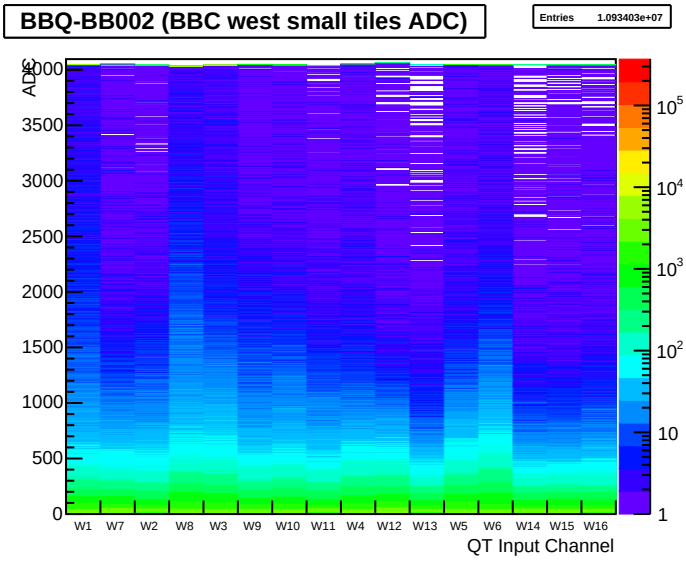

L2-TF201
Entries 0
TOF total mult(Real-Simu)

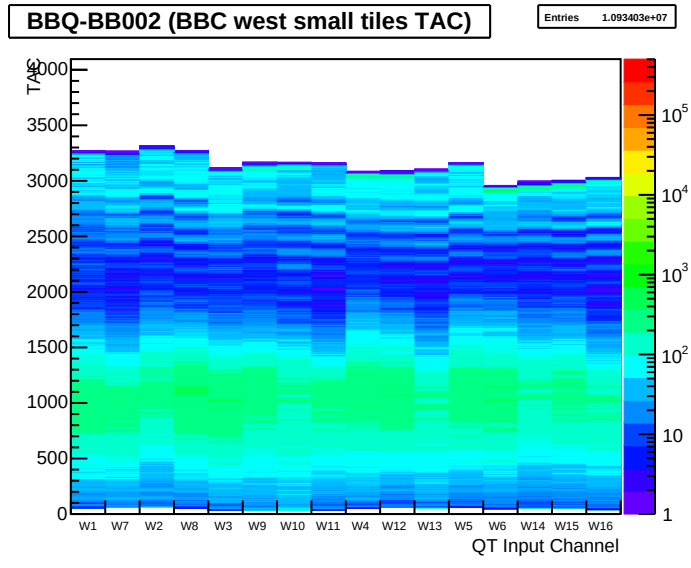

L2-TF201
Entries 4783639
Threshold/UPC bits
596059
599448
593797
600278
594897
591433
648522
87318
83929
89580
83099
88480
91944
34855
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

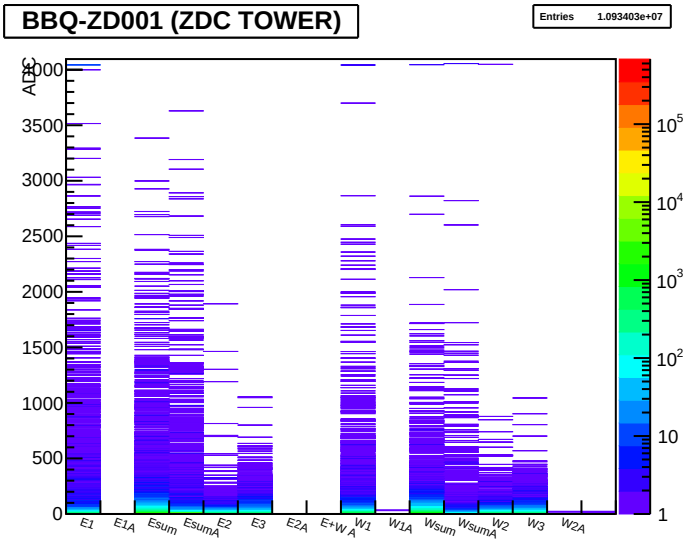

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

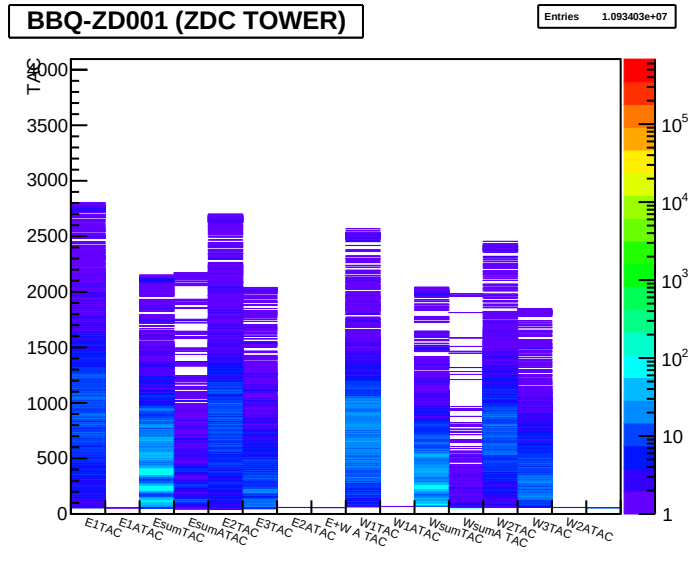

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.093403e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

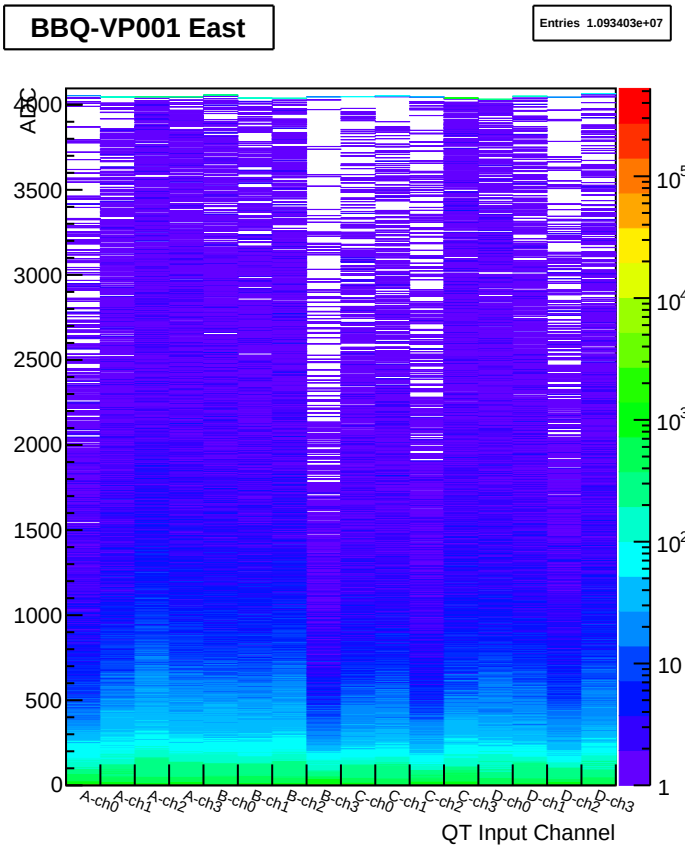

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.093403e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

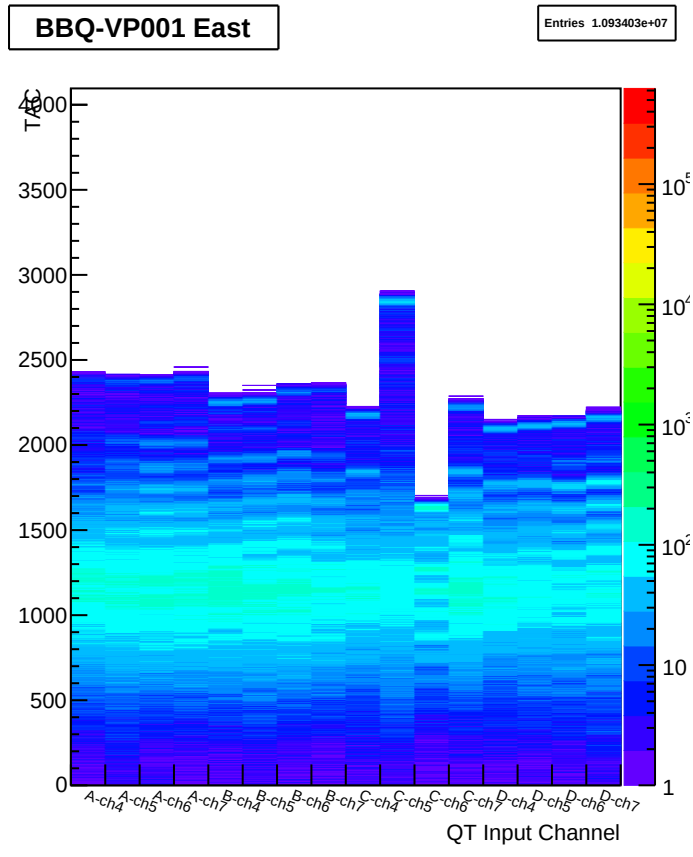

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.093403e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

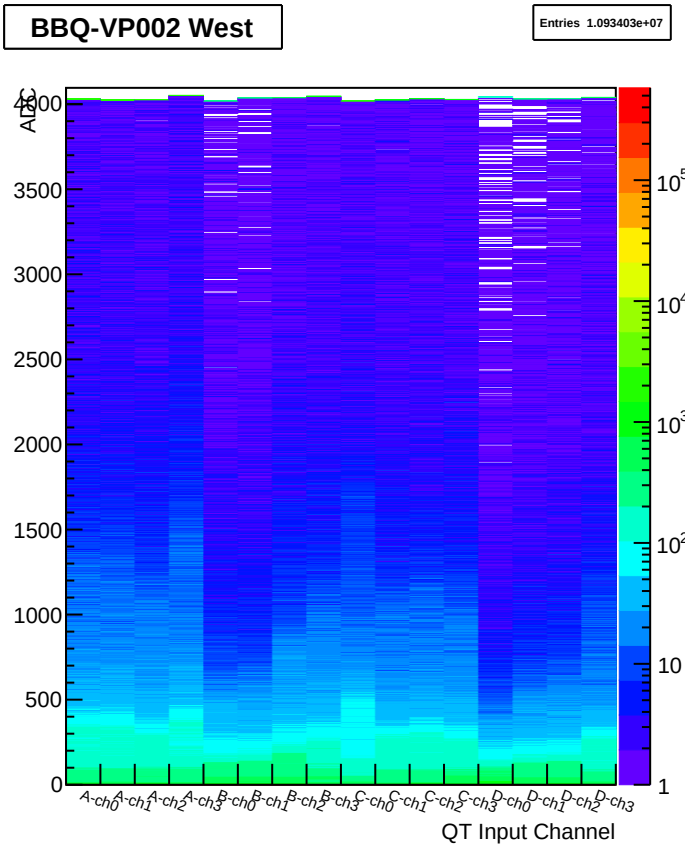

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.093403e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

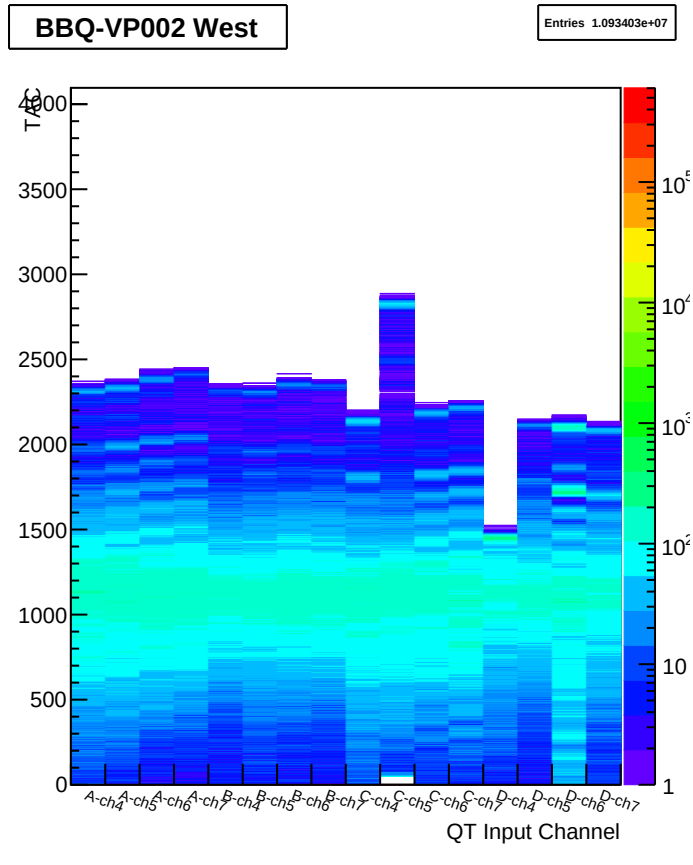

BBQ-ZD001 (ZDC TOWER)
Entries 1.093403e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

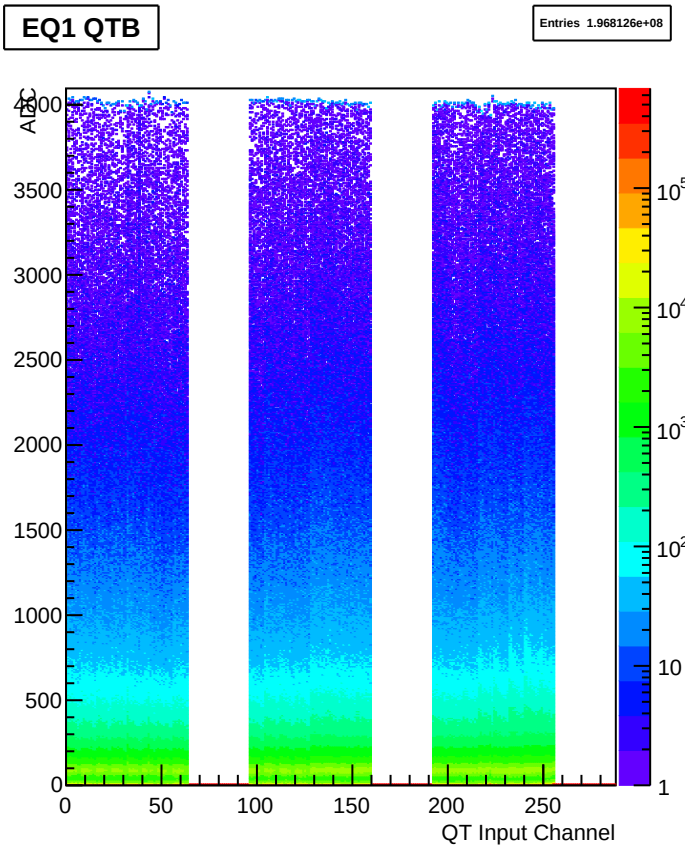

BBQ-ZD001 (ZDC TOWER)
Entries 1.093403e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

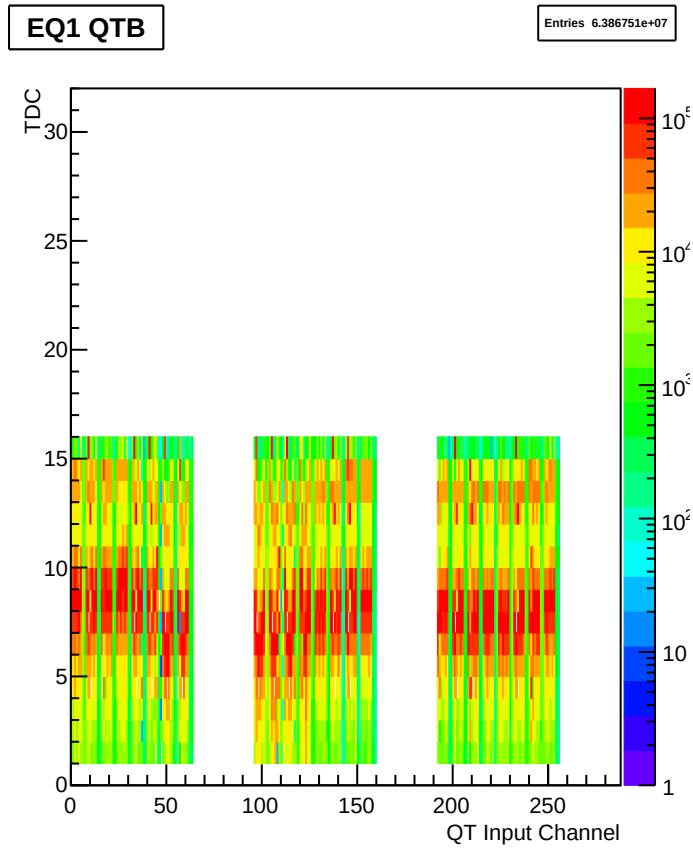

BBQ-VP001 East
Entries 1.093403e+07
ADC
QT Input Channel

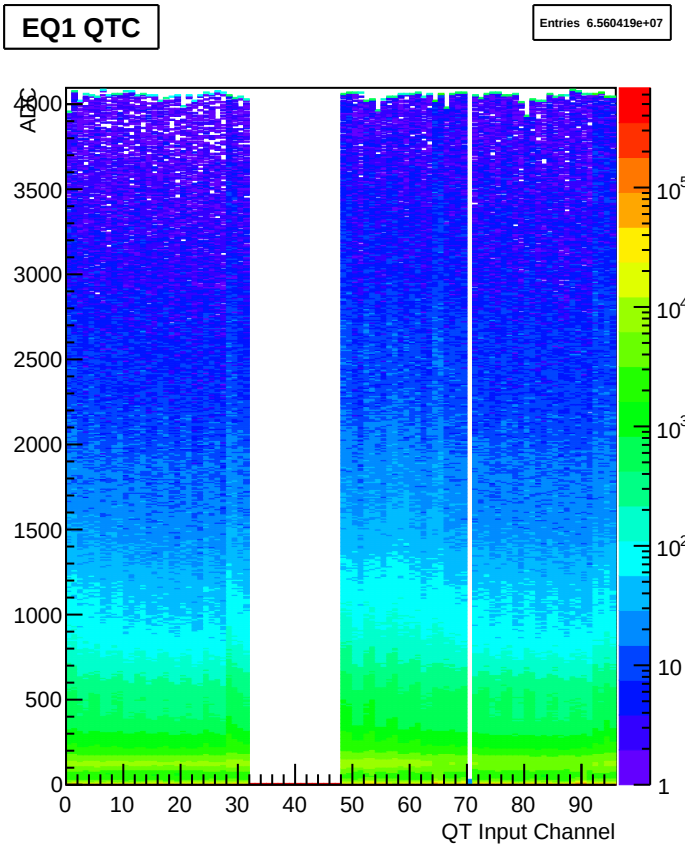

BBQ-VP001 East
Entries 1.093403e+07
TADC
QT Input Channel

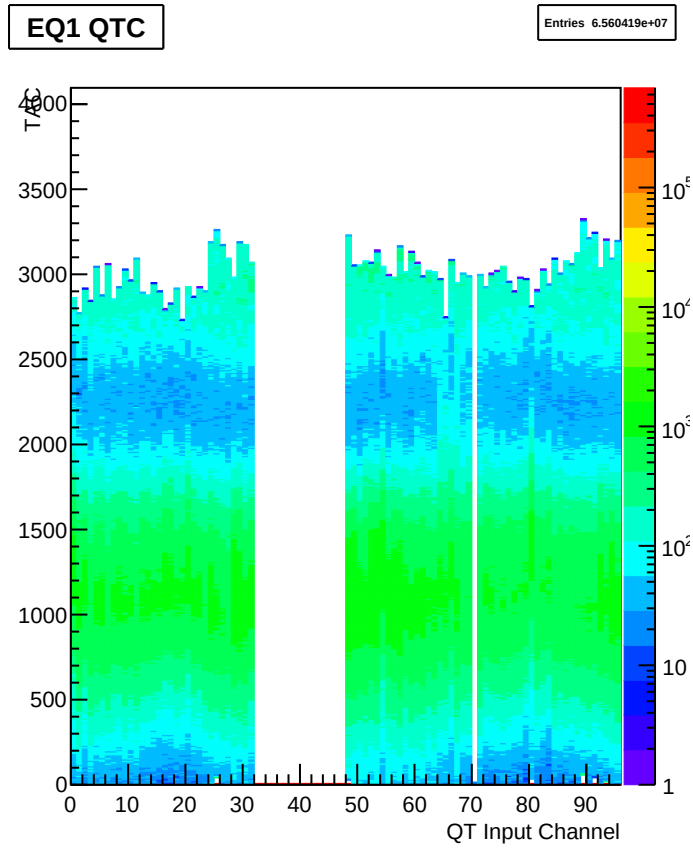

BBQ-VP002 West
Entries 1.093403e+07
ADC
QT Input Channel

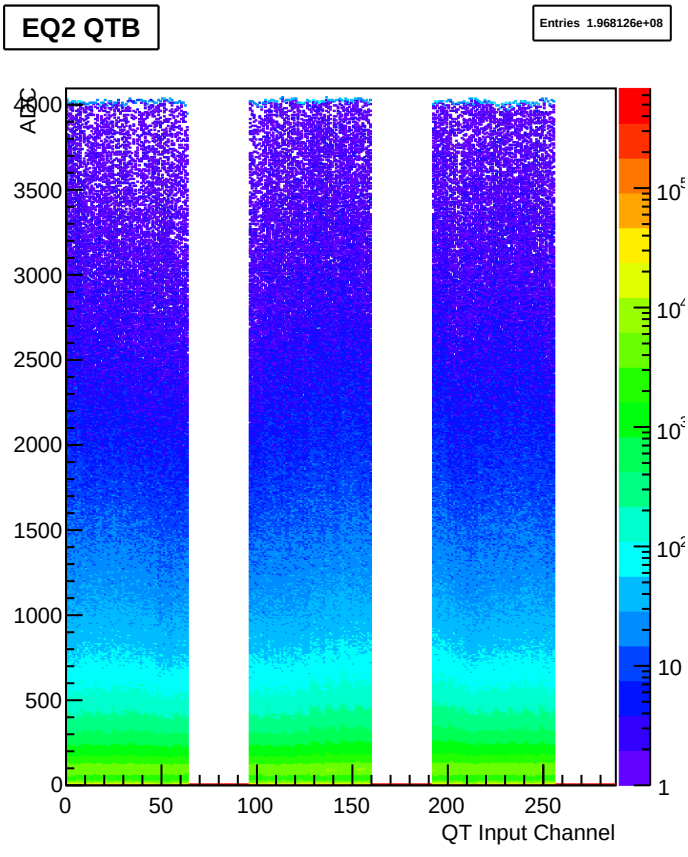

BBQ-VP002 West
Entries 1.093403e+07
TADC
QT Input Channel

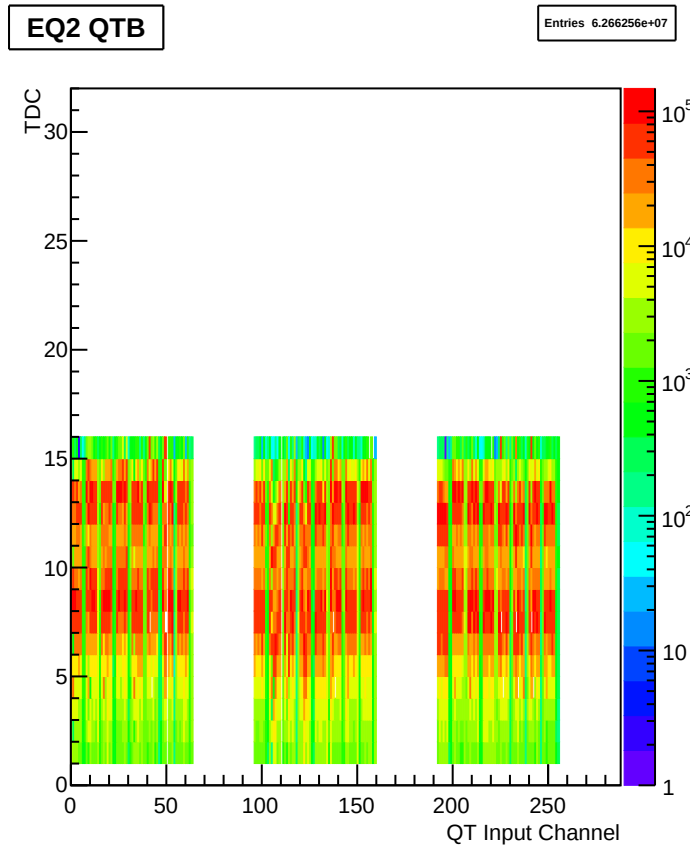

EQ1 QTB
Entries 1.968126e+08
ADC
QT Input Channel

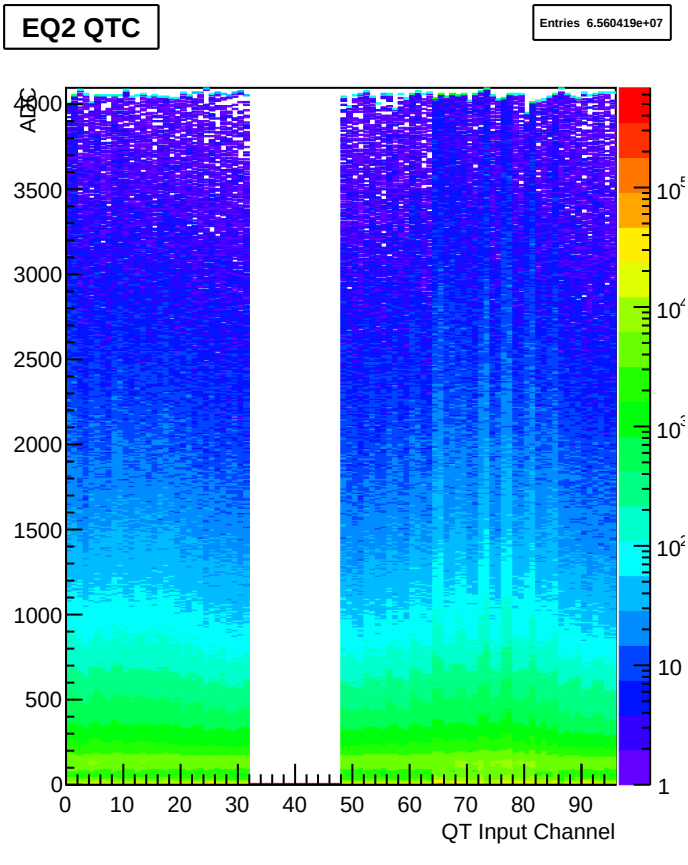

EQ1 QTB
Entries 6.386751e+07
TDC
QT Input Channel

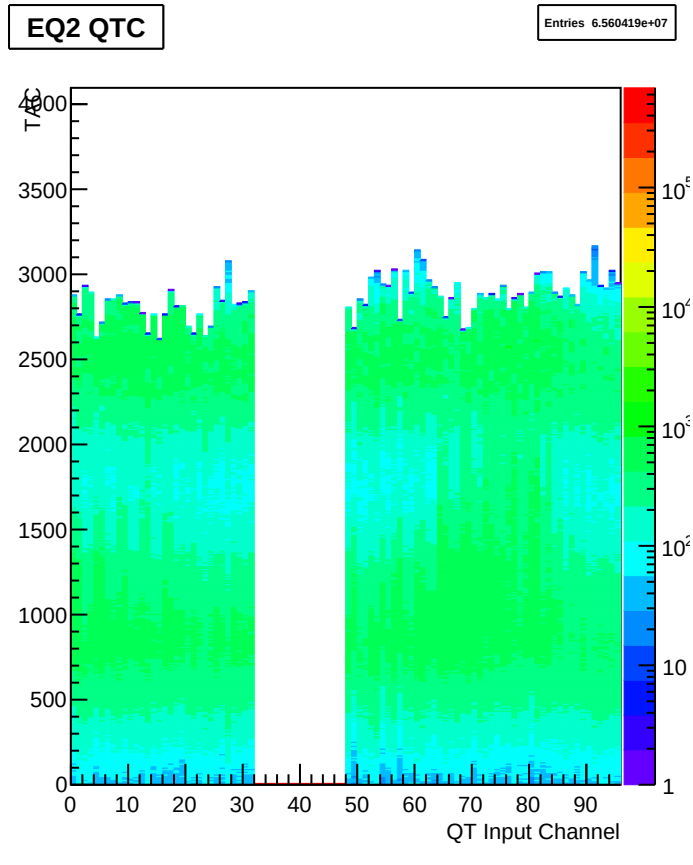

EQ1 QTC
Entries 6.560419e+07
ADC
QT Input Channel

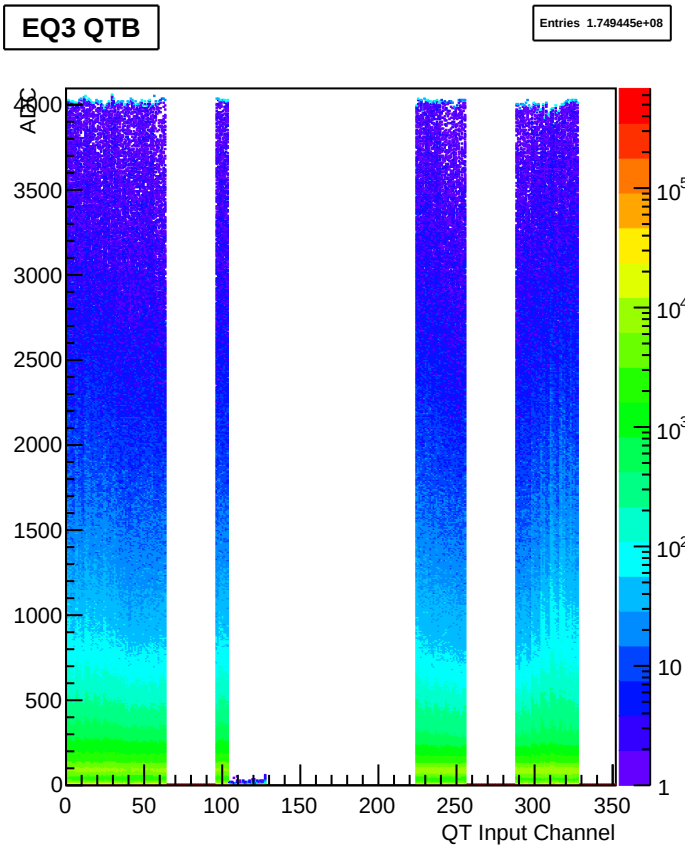

EQ1 QTC
Entries 6.560419e+07
TADC
QT Input Channel

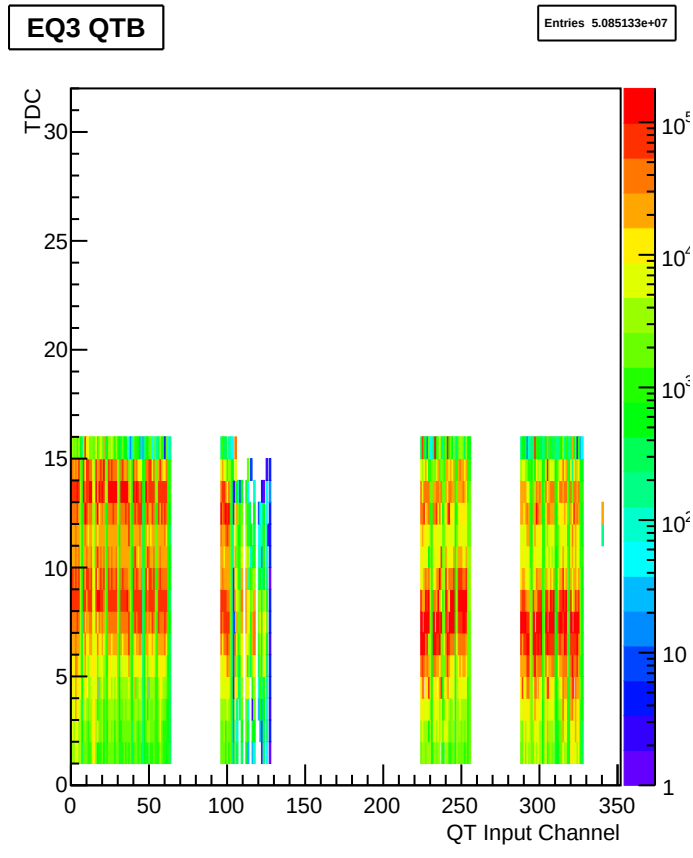

EQ2 QTB
Entries 1.968126e+08
ADC
QT Input Channel

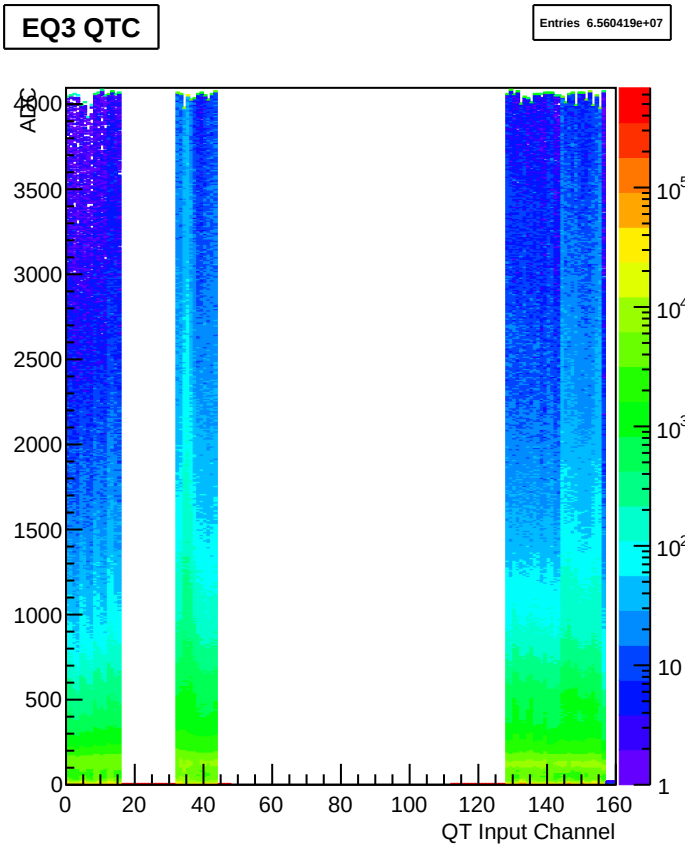

EQ2 QTB
Entries 6.266256e+07
TDC
QT Input Channel

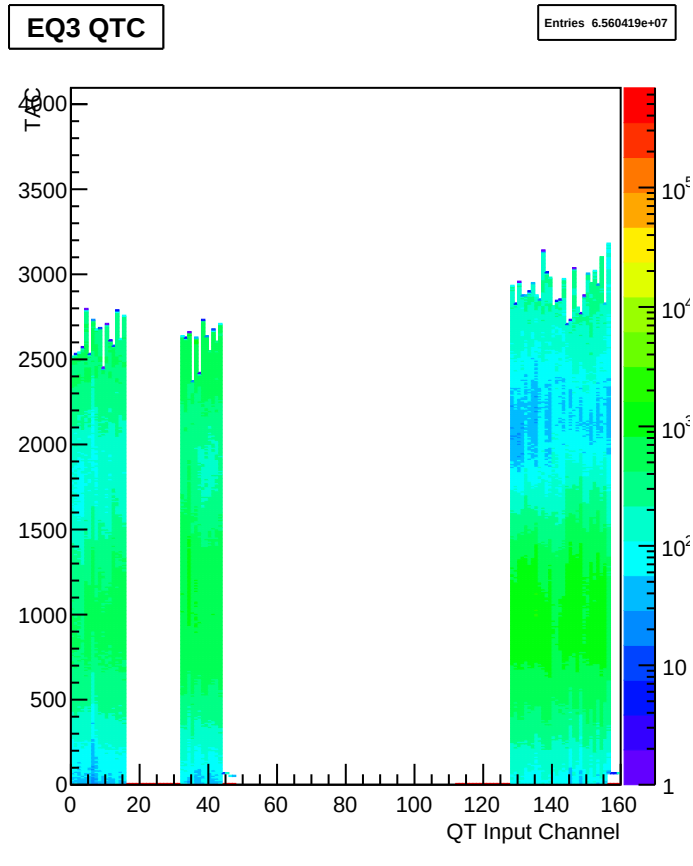

EQ2 QTC
Entries 6.560419e+07
ADC
QT Input Channel

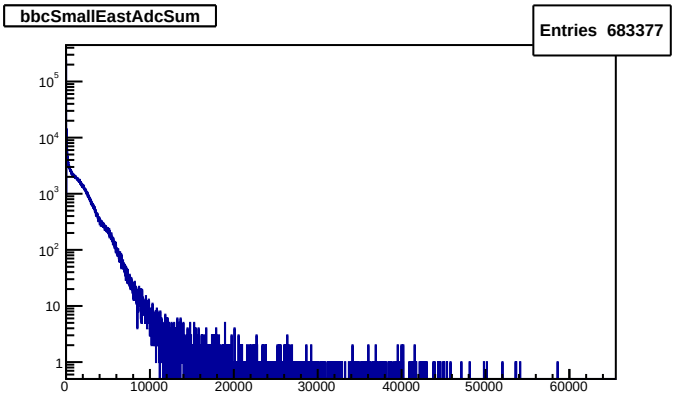

EQ2 QTC
Entries 6.560419e+07
TADC
QT Input Channel

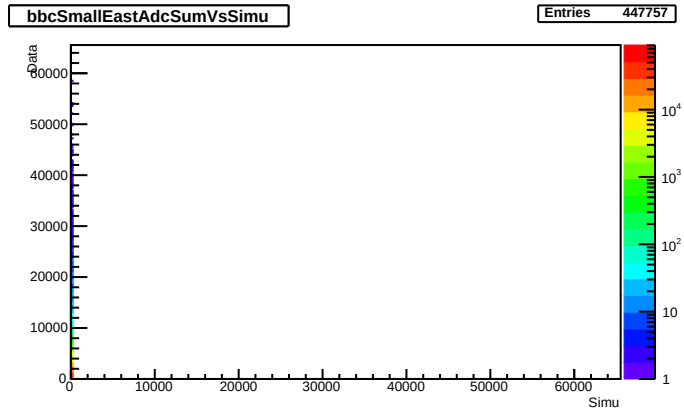

EQ3 QTB
Entries 1.749445e+08
ADC
QT Input Channel

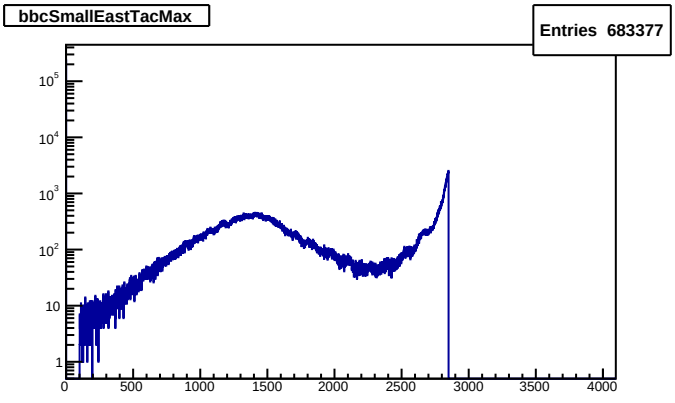

EQ3 QTB
Entries 5.085133e+07
TDC
QT Input Channel

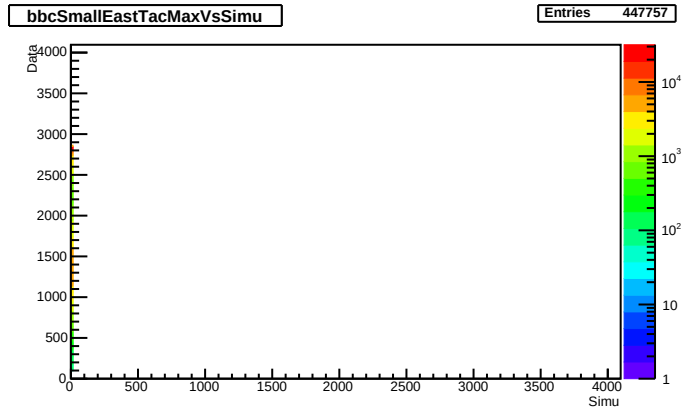

EQ3 QTC
Entries 6.560419e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.560419e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 683377


bbcSmallEastAdcSumVsSimu
Entries 447757
Data
Simu


bbcSmallEastTacMax
Entries 683377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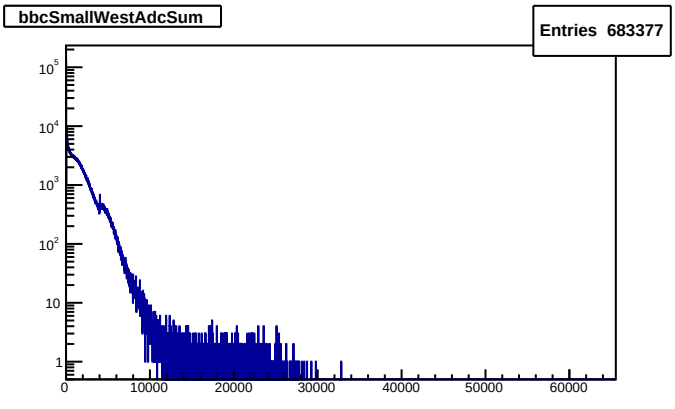
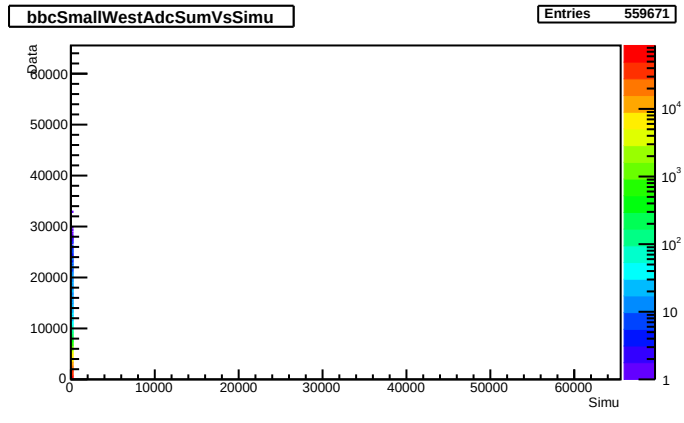
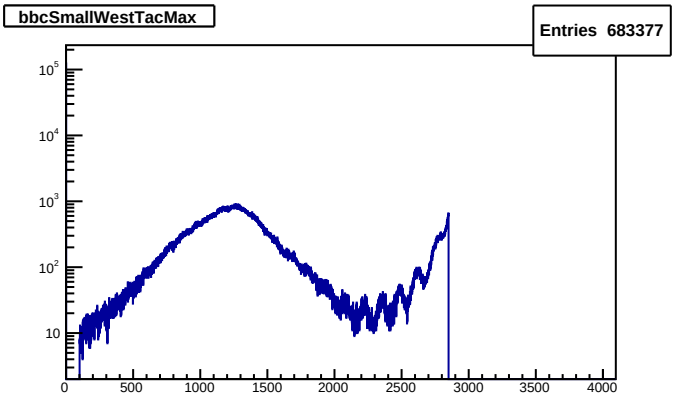
Entries 447757
Data
Simu


bbcSmallWestAdcSum
Entries 683377


bbcSmallWestAdcSumVsSimu
Entries 559671
Data
Simu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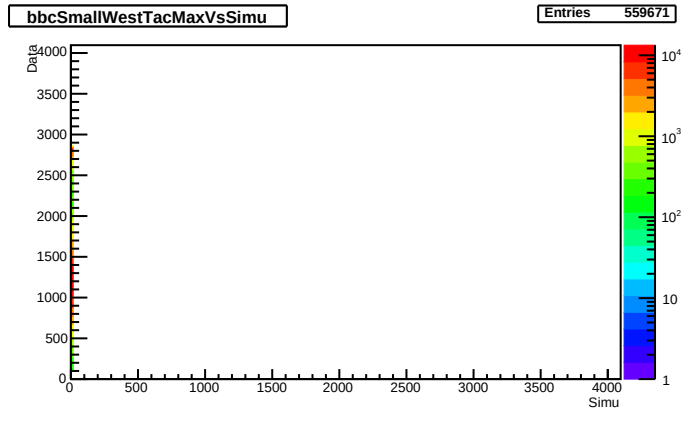
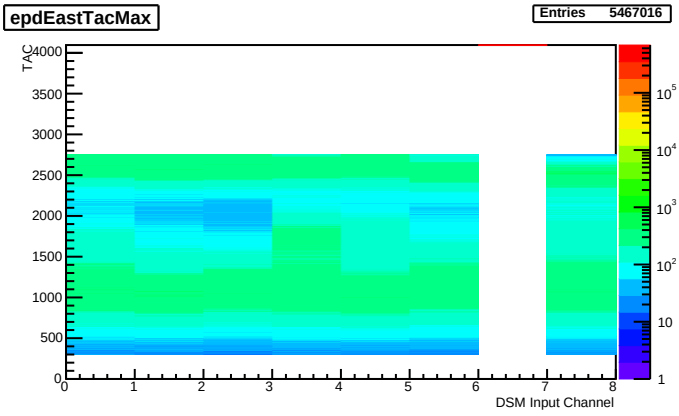
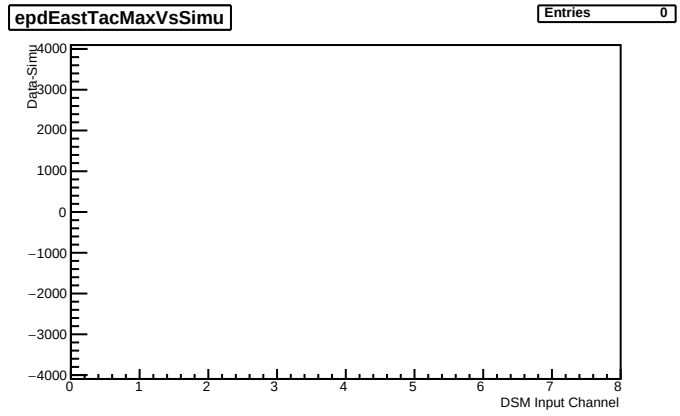
Entries 683377


bbcSmallWestTacMaxVsSimu
Entries 559671
Data
Simu


epdEastTacMax
Entries 5467016
TAC
DSM Input Channel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Entries 0
Data-Simu
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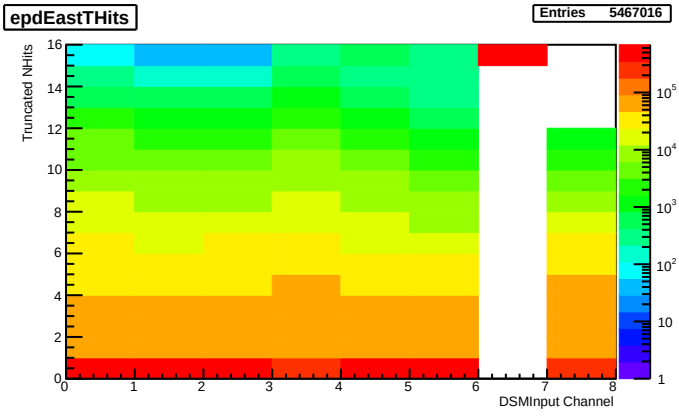
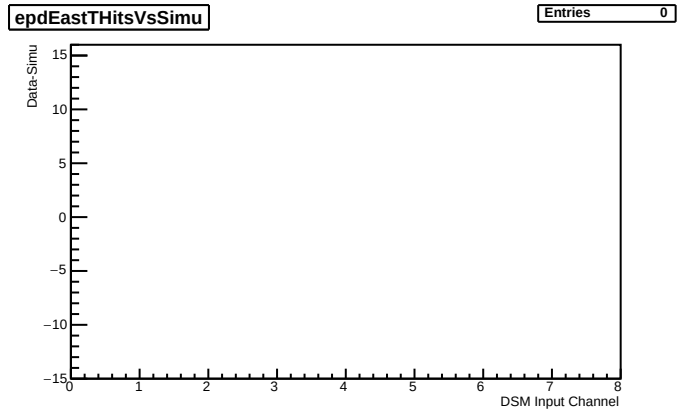

epdEastTHits
Entries 5467016
Truncated NHits
DSMInput Channel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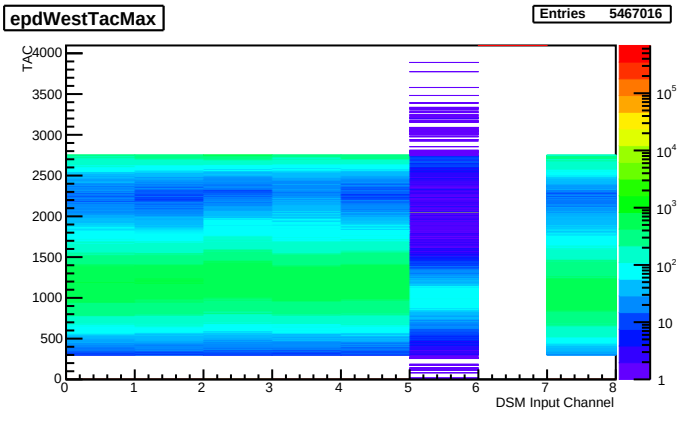
Data-Simu
DSM Input Channel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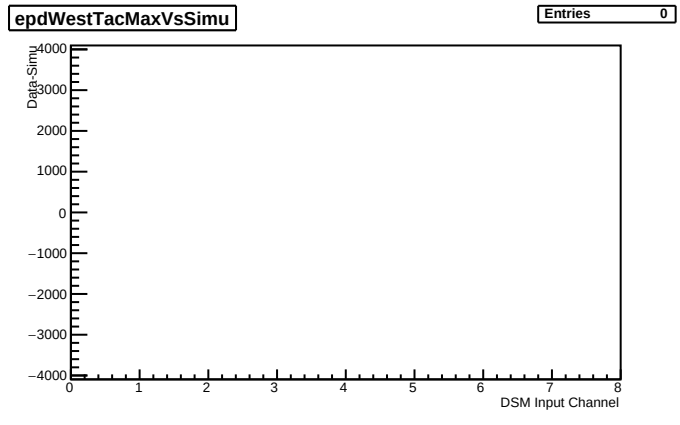
Entries 5467016
TAC
DSM Input Channel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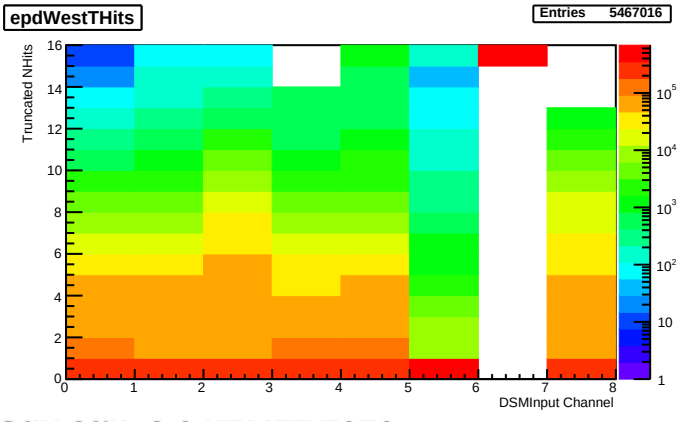
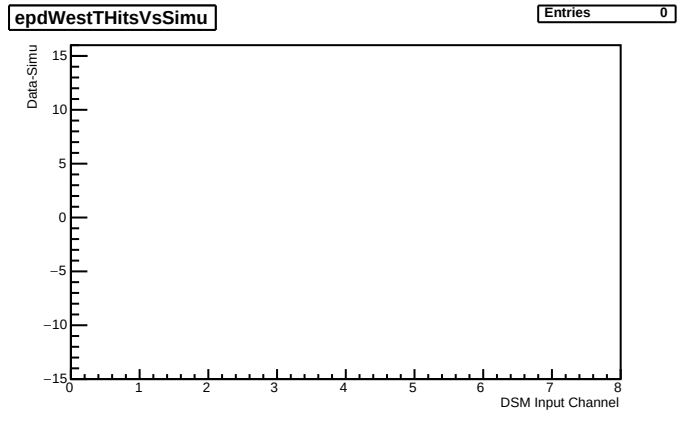
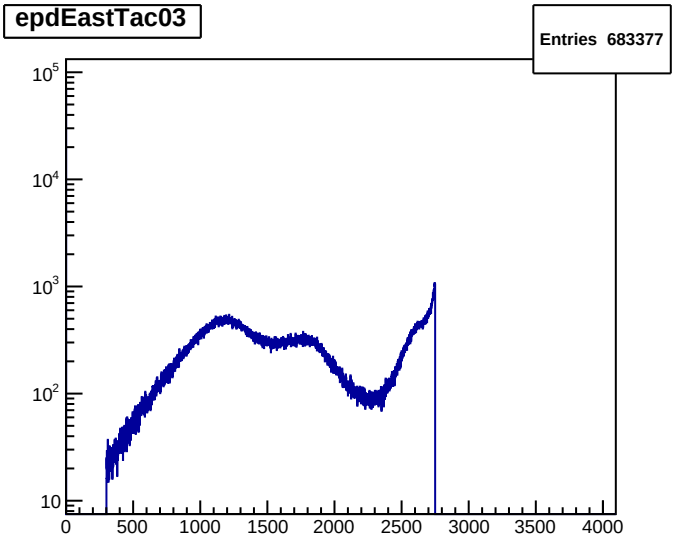
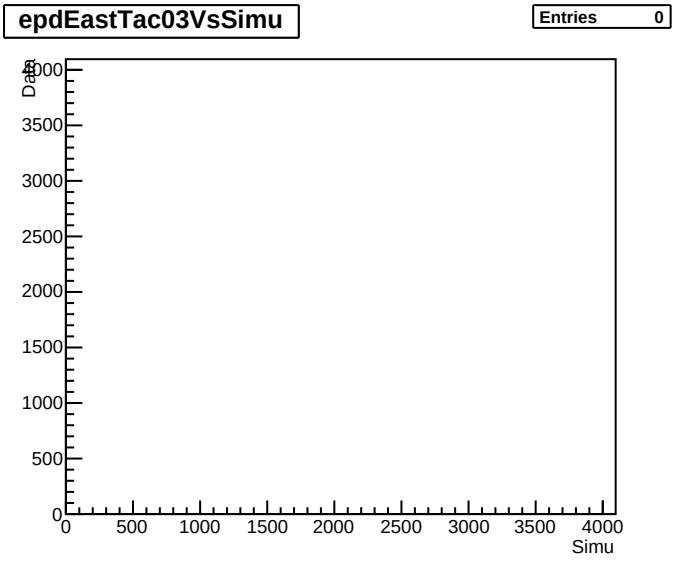
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5467016
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 683377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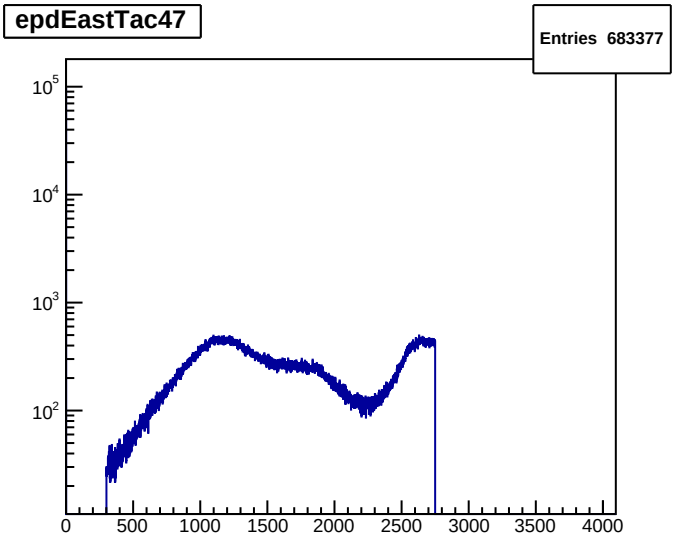
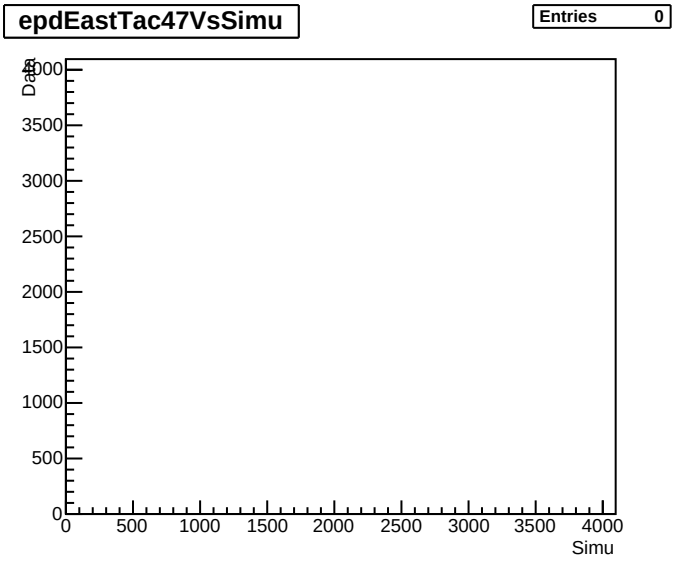
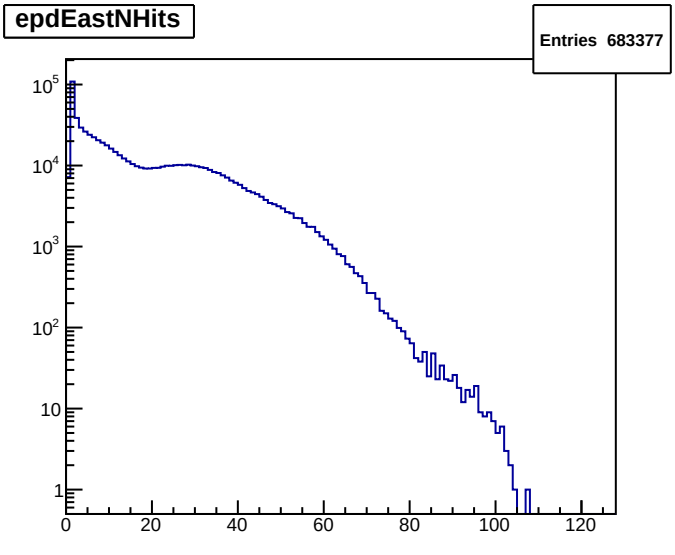
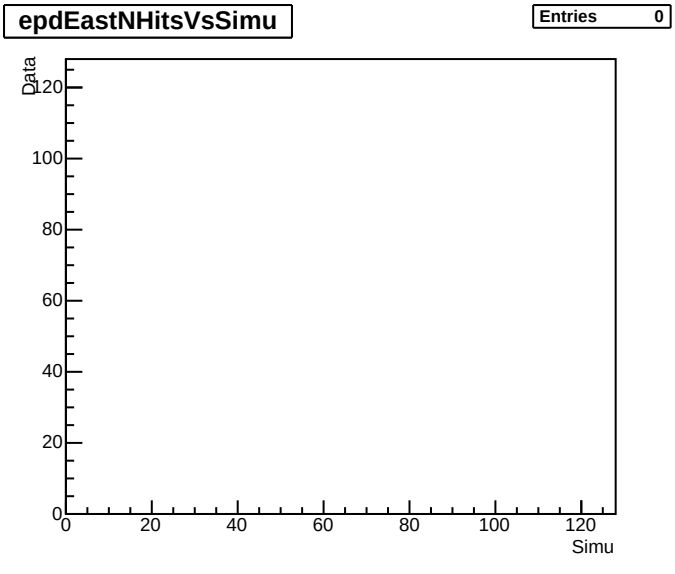
Entries 0
Data
Simu


epdEastTac47
Entries 683377


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 683377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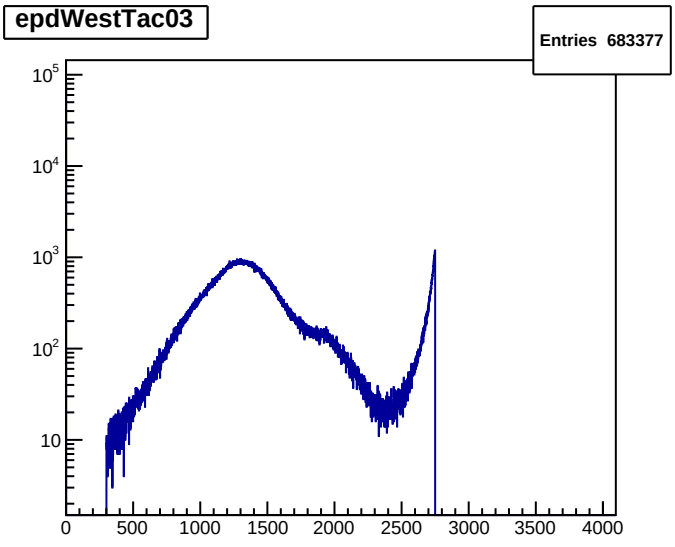
Entries 0
Data
Simu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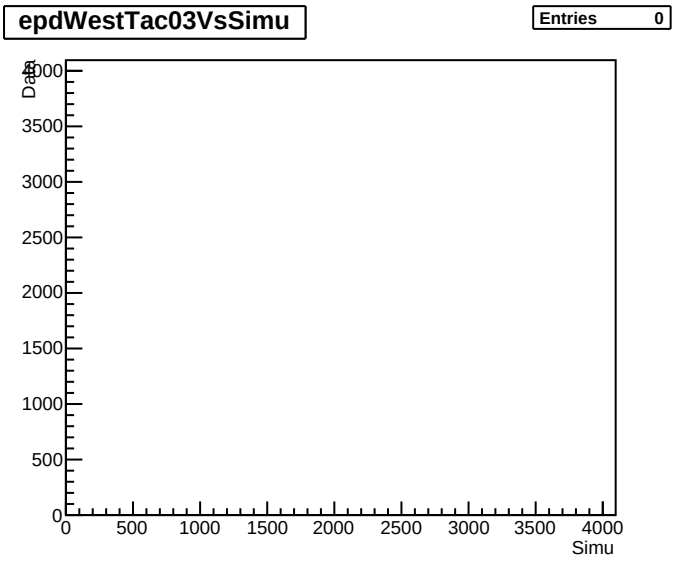
Entries 683377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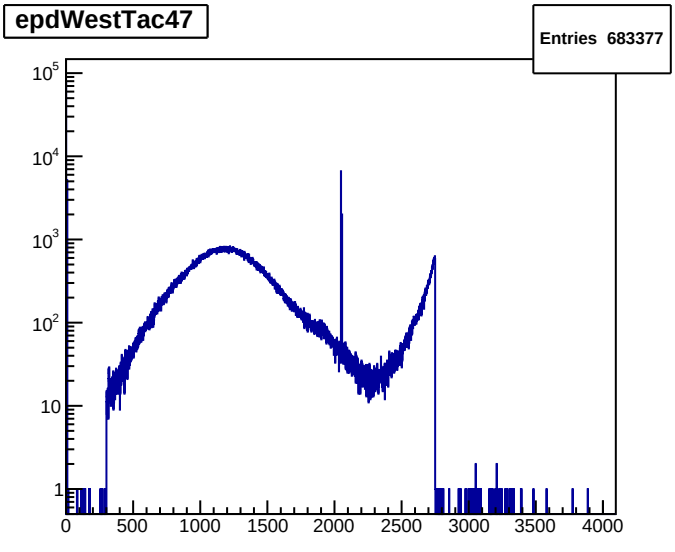
Entries 0
Data
Simu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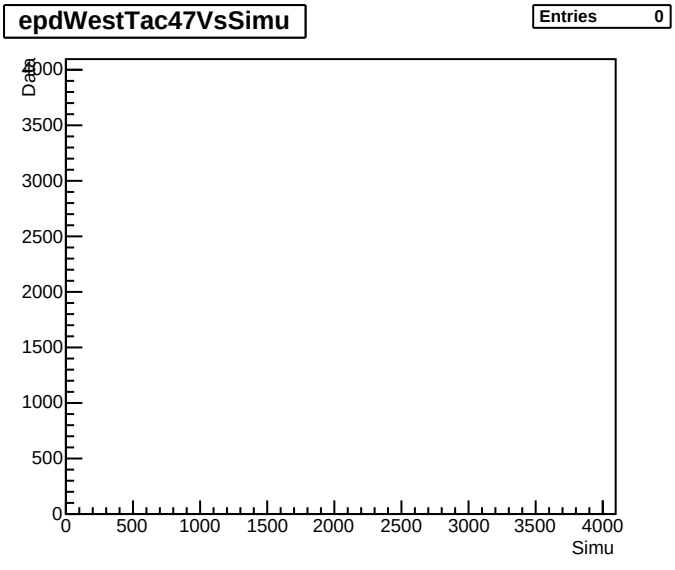
Entries 683377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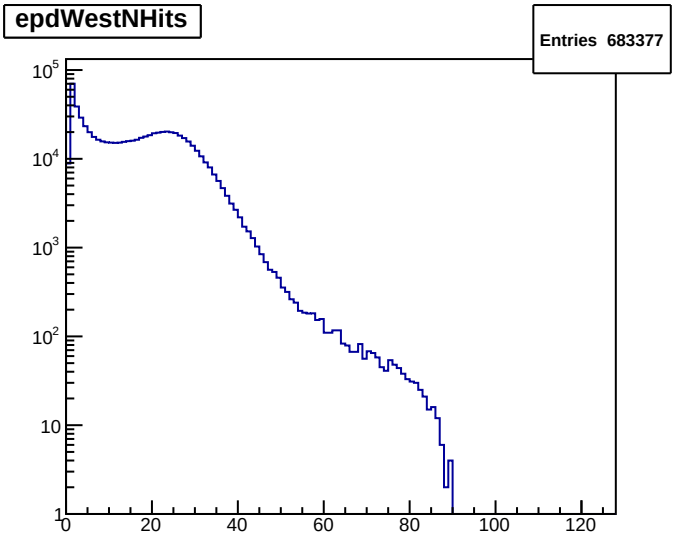
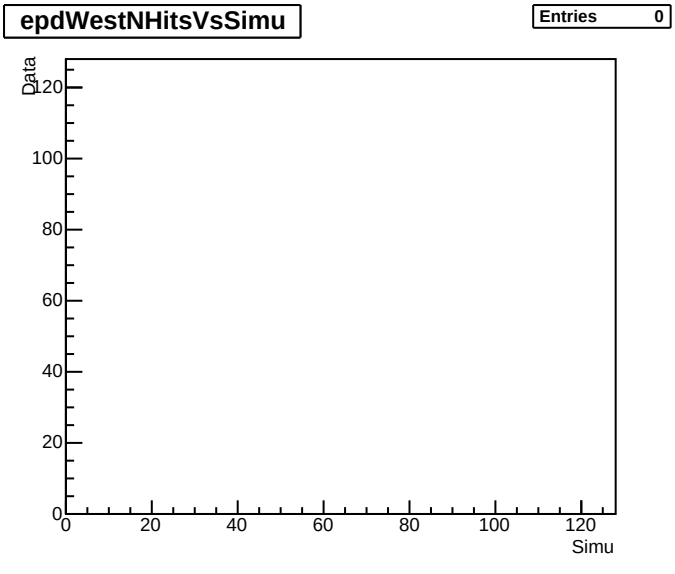
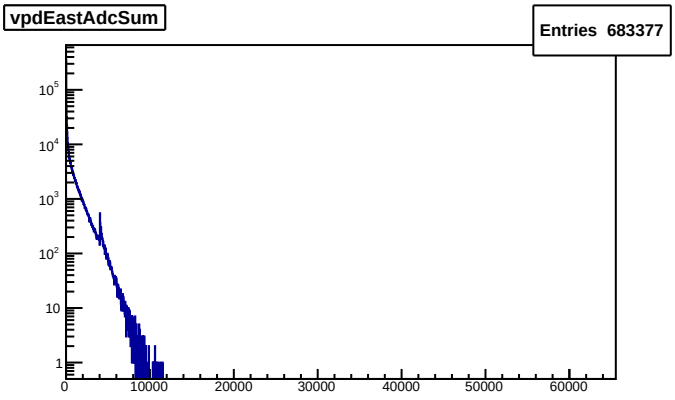
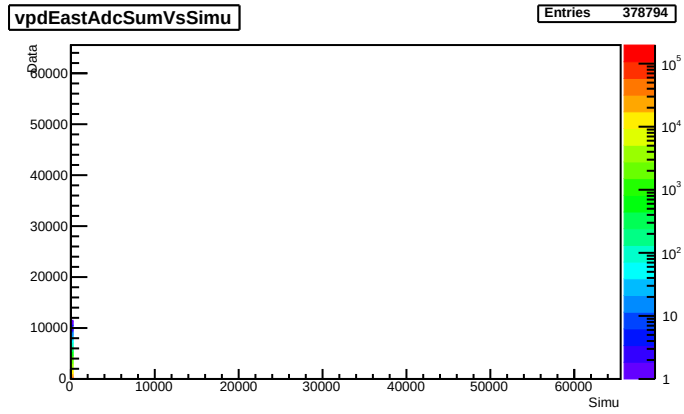
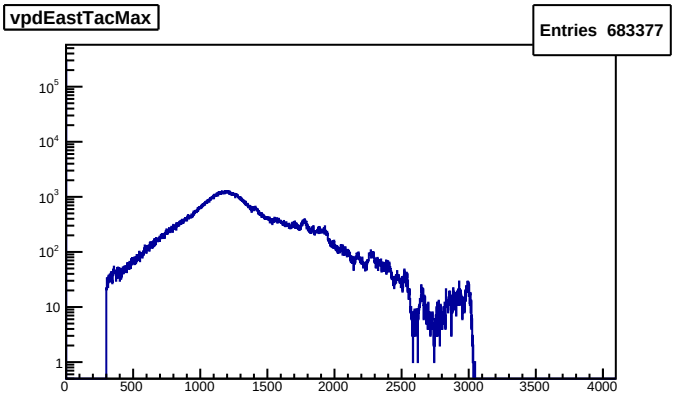
Entries 0
Data
Simu

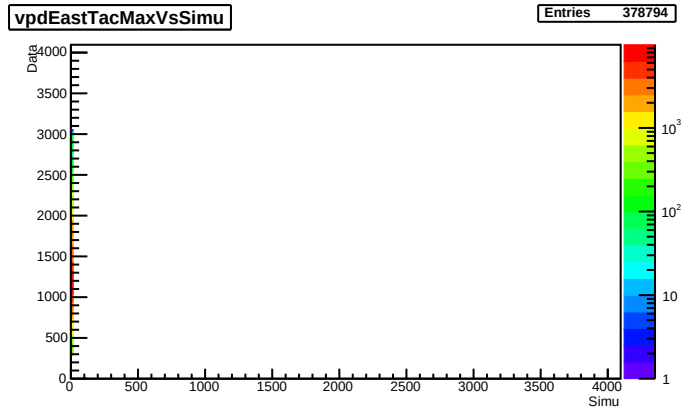

epdWestNHits
Entries 683377

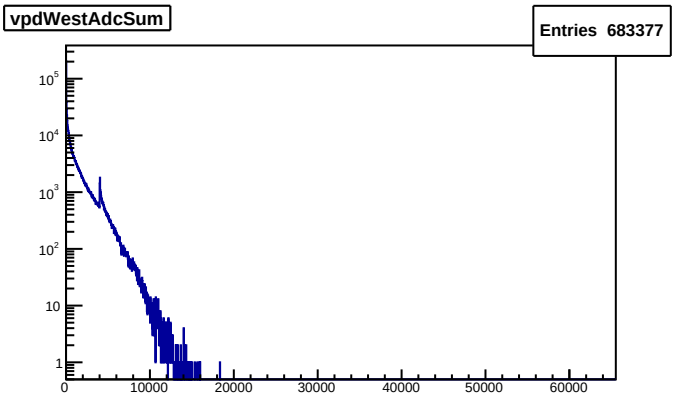

epdWestNHitsVsSimu
Entries 0
Data
Simu

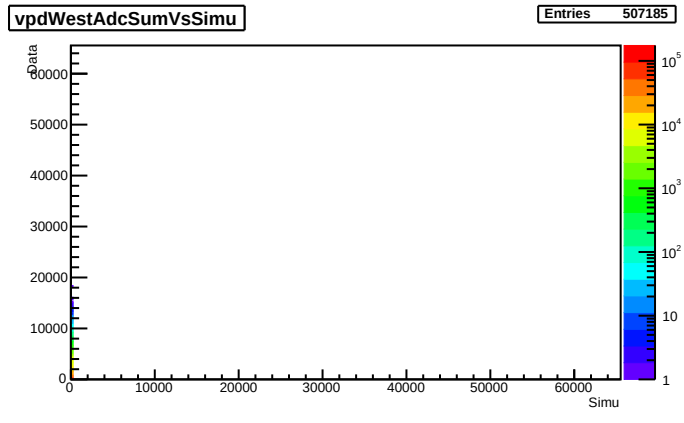

vpdEastAdcSum
Entries 683377

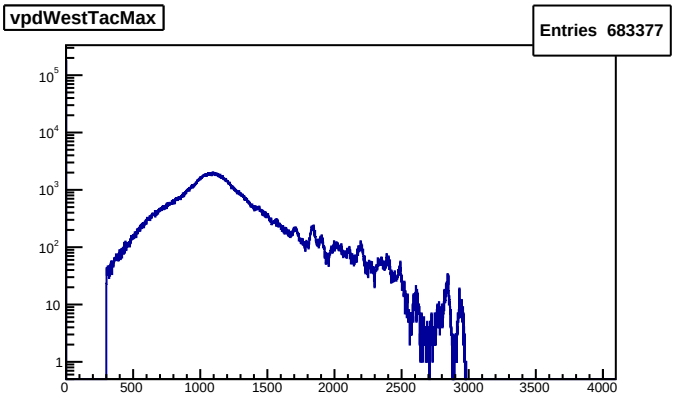

vpdEastAdcSumVsSimu
Entries 378794
Data
Simu

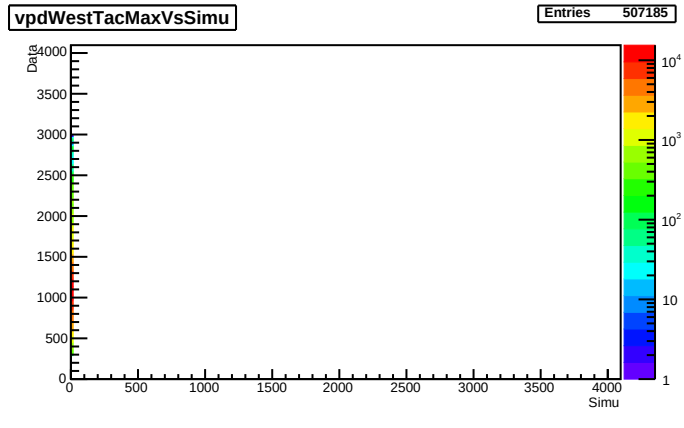

vpdEastTacMax
Entries 683377

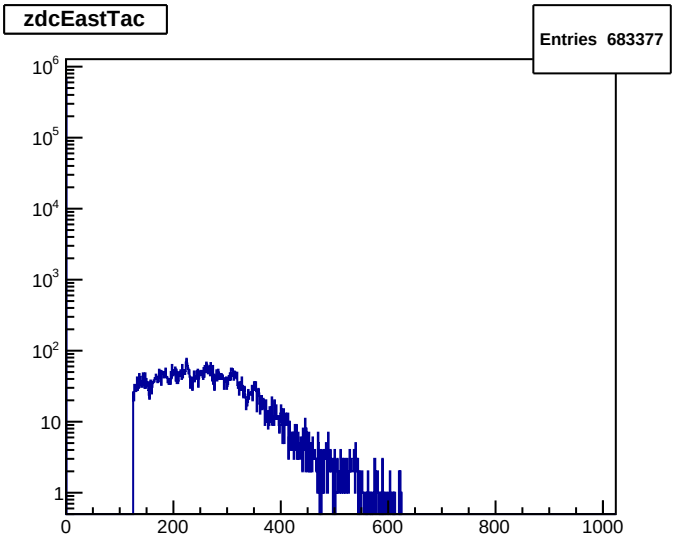

vpdEastTacMaxVsSimu
Entries 378794
Data
Simu

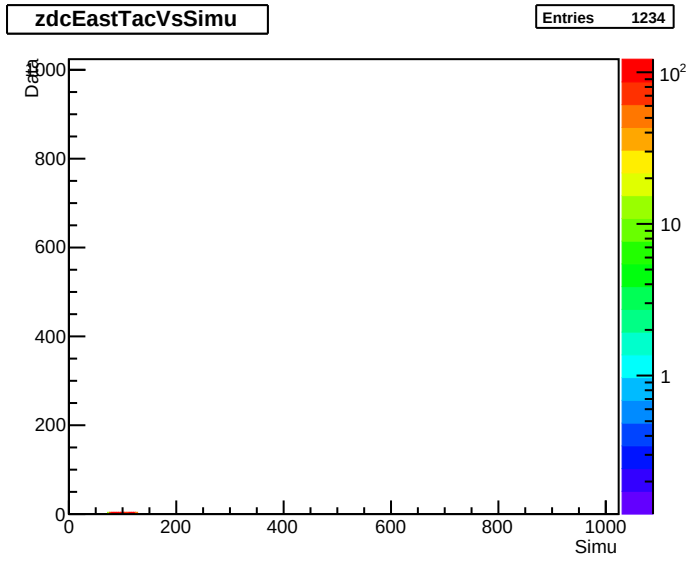

vpdWestAdcSum
Entries 683377

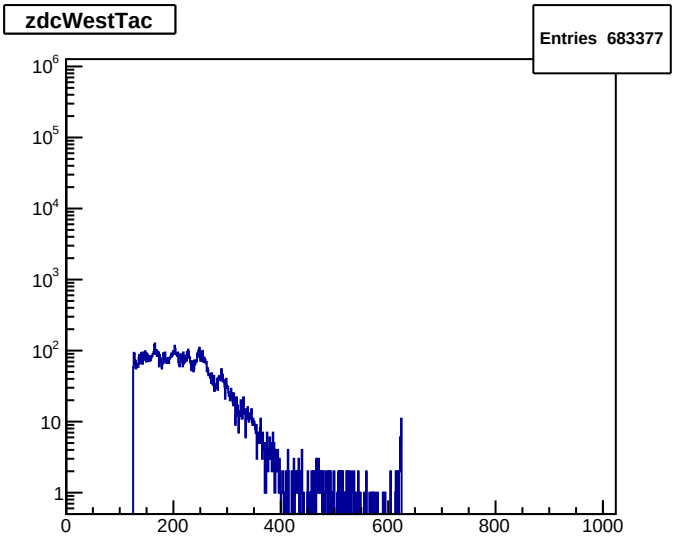

vpdWestAdcSumVsSimu
Entries 507185
Data
Simu

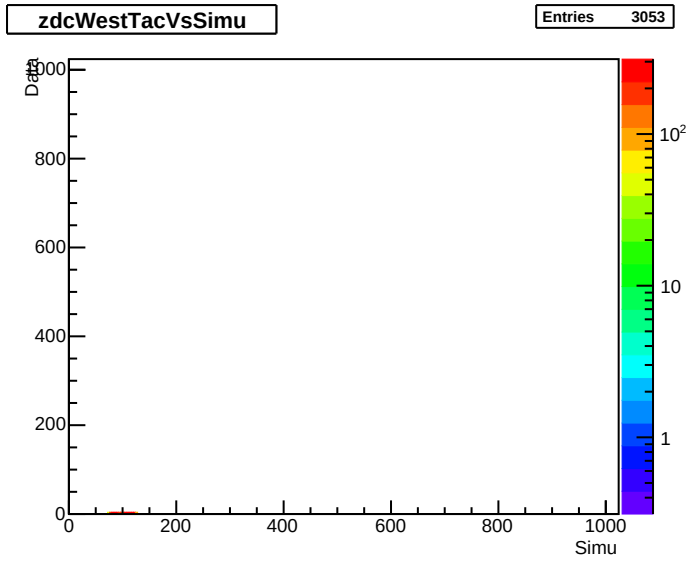

vpdWestTacMax
Entries 683377

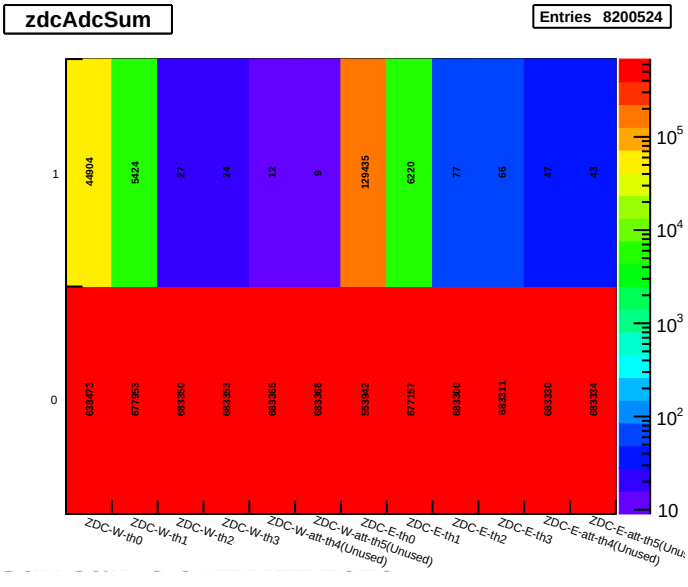

vpdWestTacMaxVsSimu
Entries 507185
Data
Simu

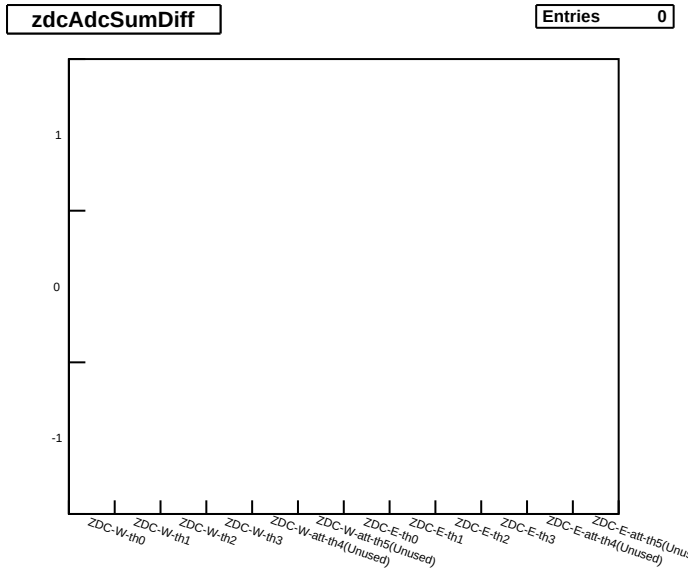

zdcEastTac
Entries 683377

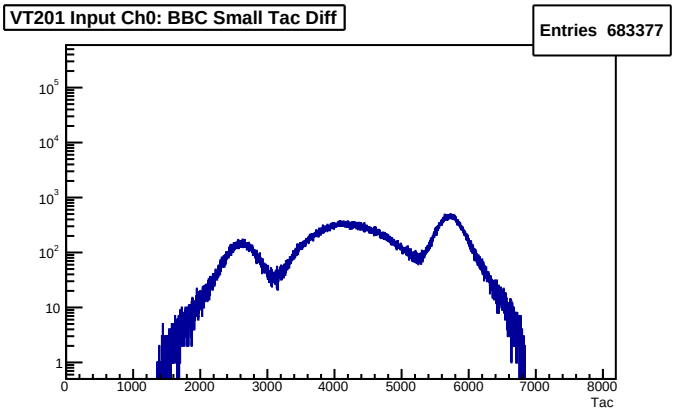

zdcEastTacVsSimu
Entries 1234
Data
Simu

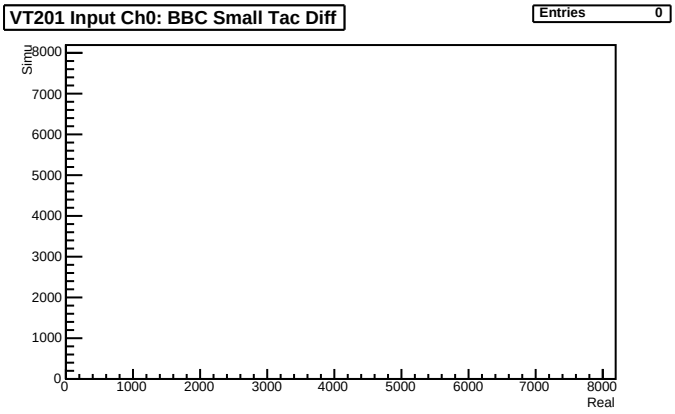

zdcWestTac
Entries 683377

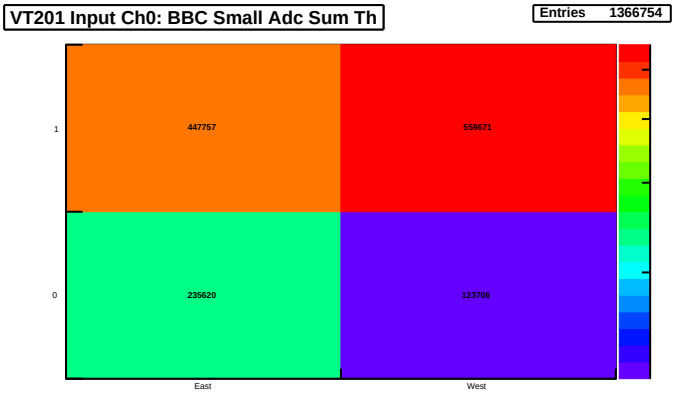

zdcWestTacVsSimu
Entries 3053
Data
Simu

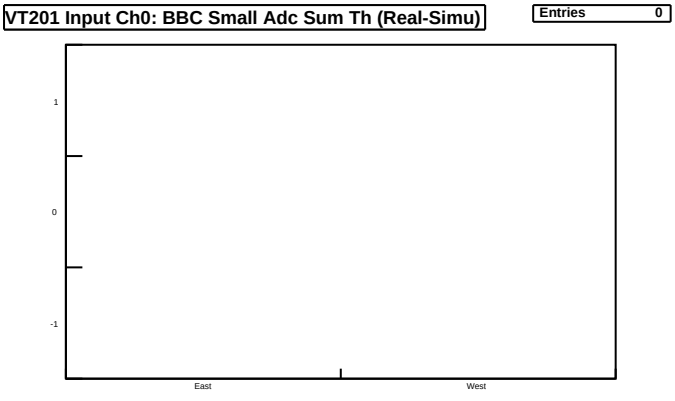

zdcAdcSum
Entries 8200524
44804
5424
27
24
12
9
129435
6220
77
66
47
43
638473
677953
683350
683353
683365
683368
553942
677157
683300
683311
683330
683334
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

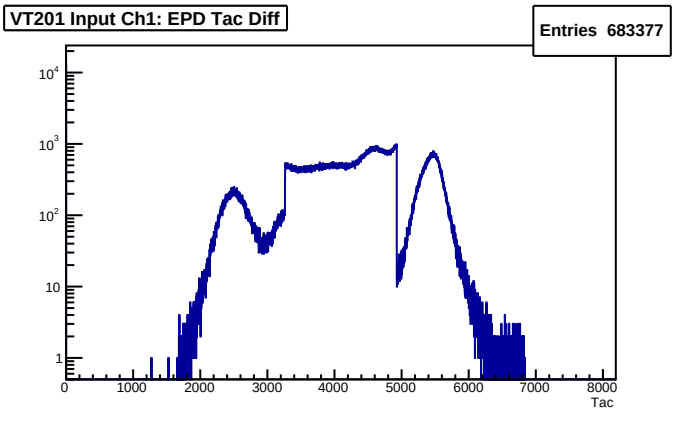

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

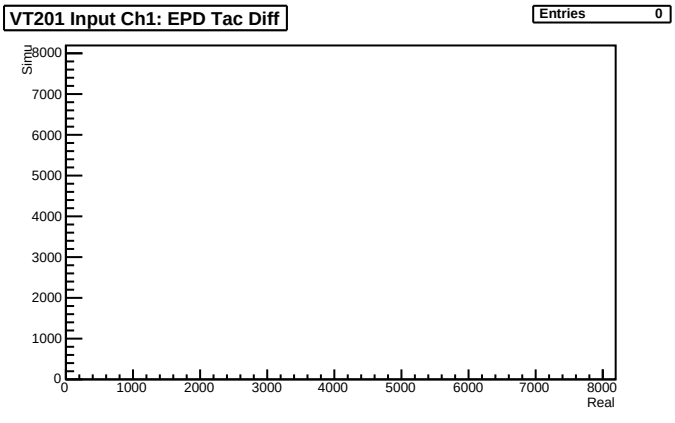

VT201 Input Ch0: BBC Small Tac Diff
Entries 683377
Tac

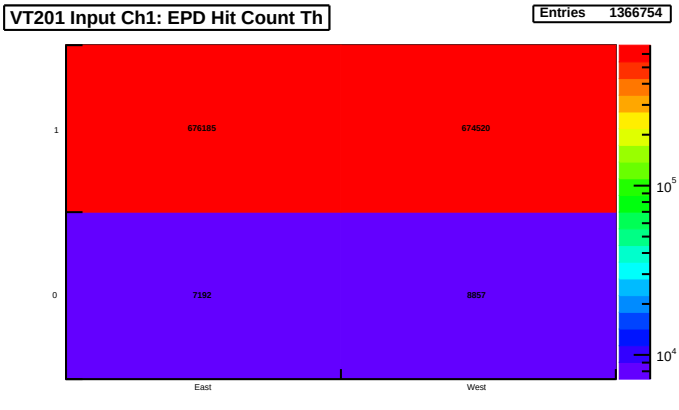

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

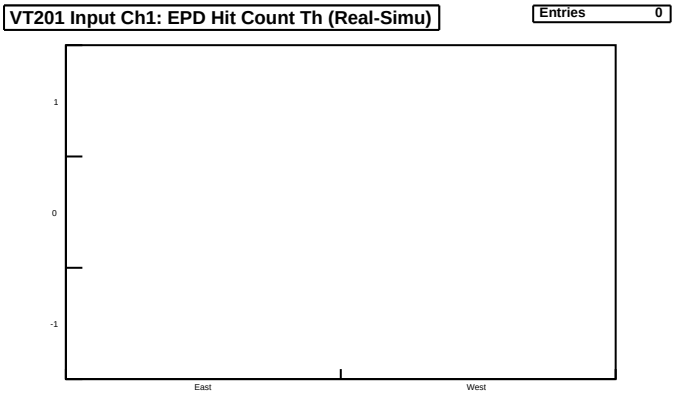

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1366754
447757
559671
235620
123706
East
West

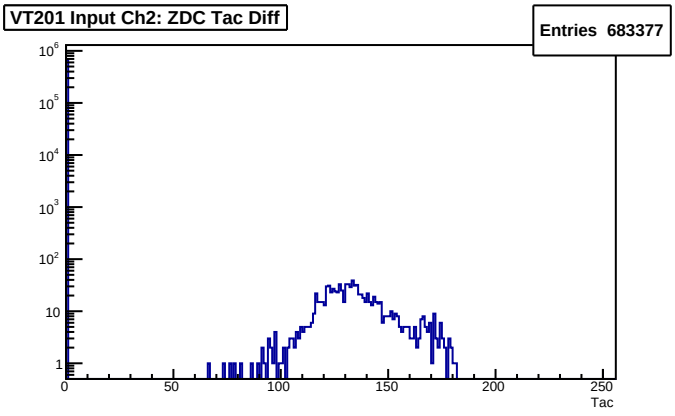

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

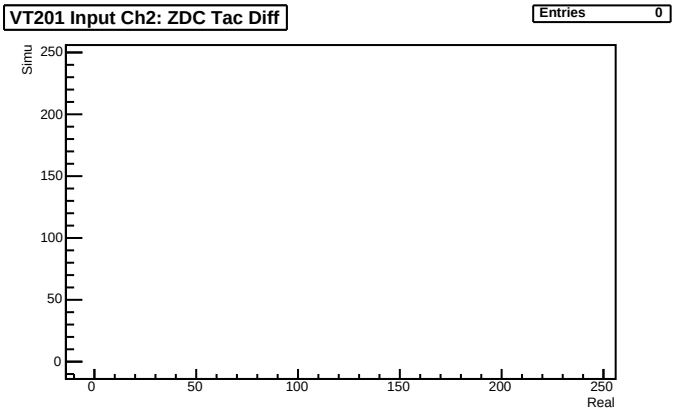

VT201 Input Ch1: EPD Tac Diff
Entries 683377
Tac

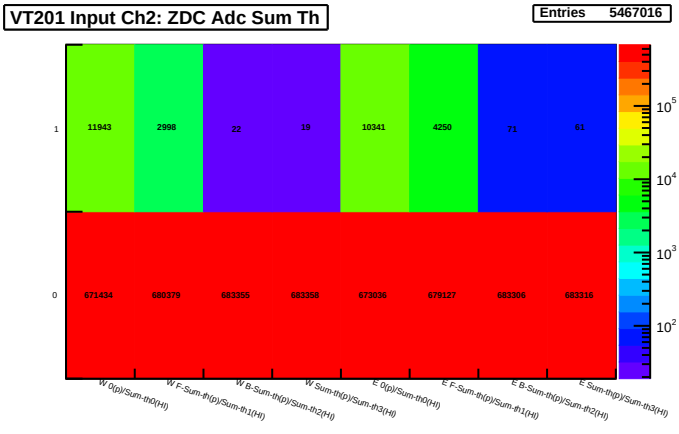

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

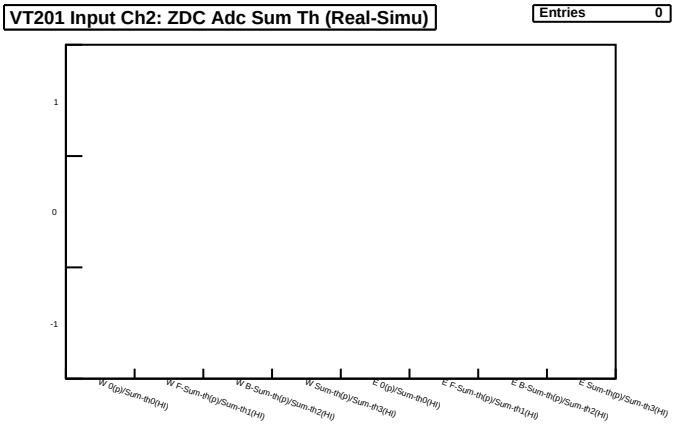

VT201 Input Ch1: EPD Hit Count Th
Entries 1366754
676185
674520
7192
8857
East
West

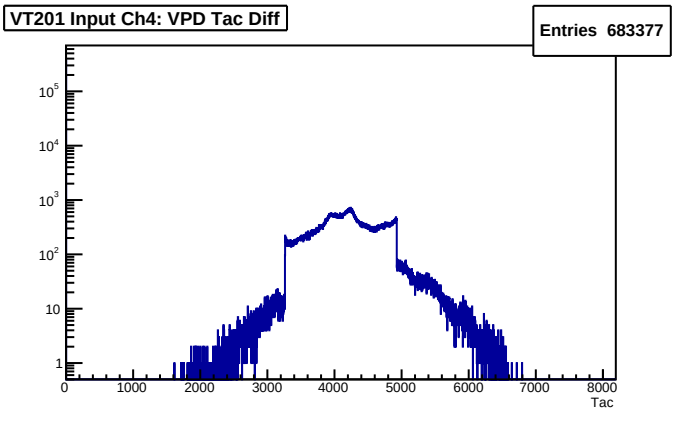

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

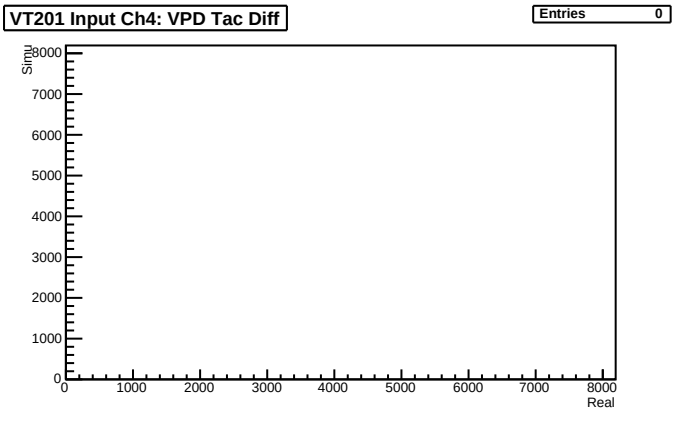

VT201 Input Ch2: ZDC Tac Diff
Entries 683377
Tac

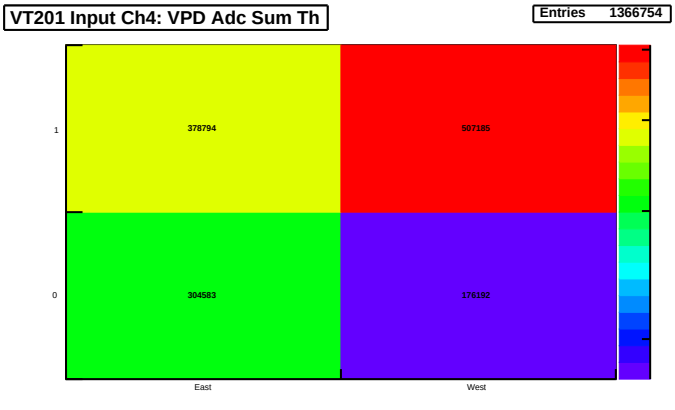

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

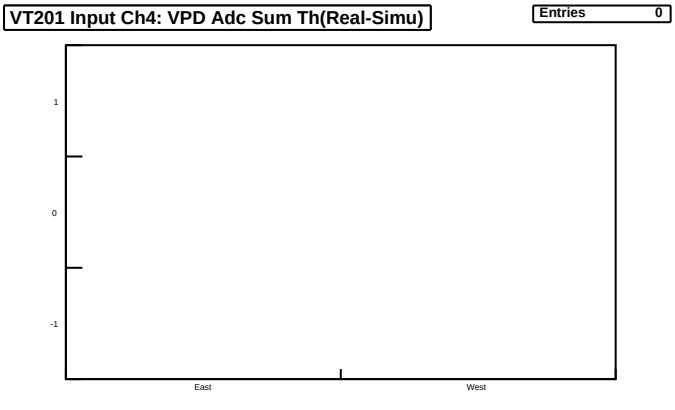

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5467016
11943
2998
22
19
10341
4250
71
61
671434
680379
683355
683358
673036
679127
683306
683316
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

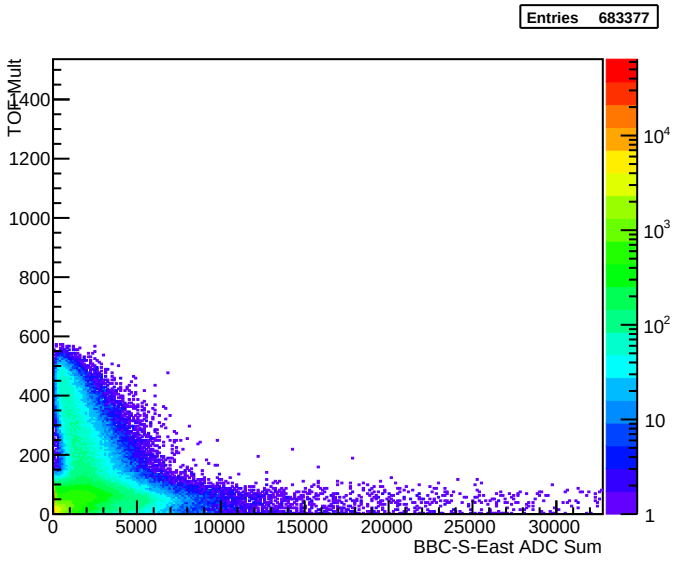

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

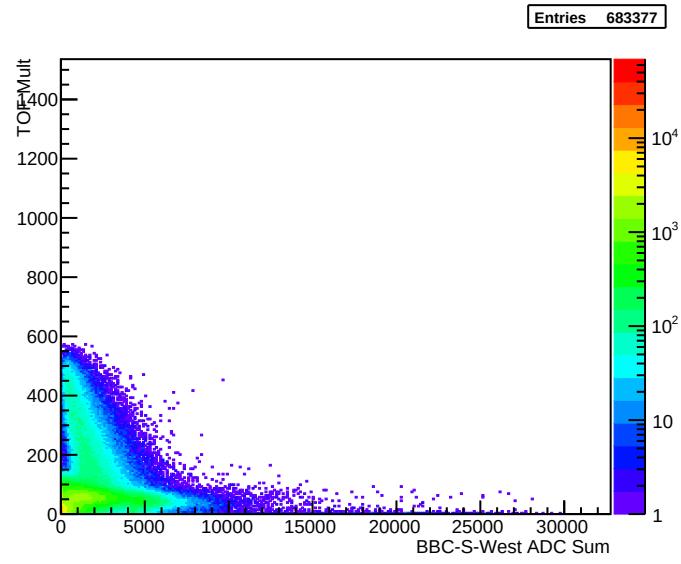

VT201 Input Ch4: VPD Tac Diff
Entries 683377
Tac

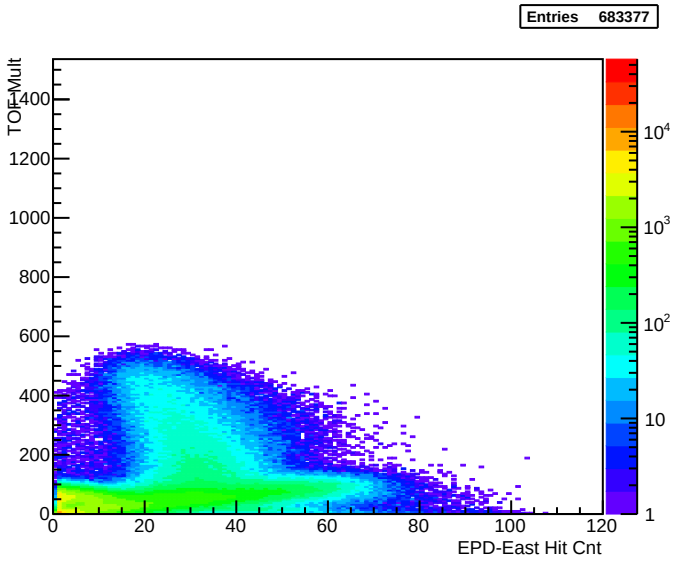

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

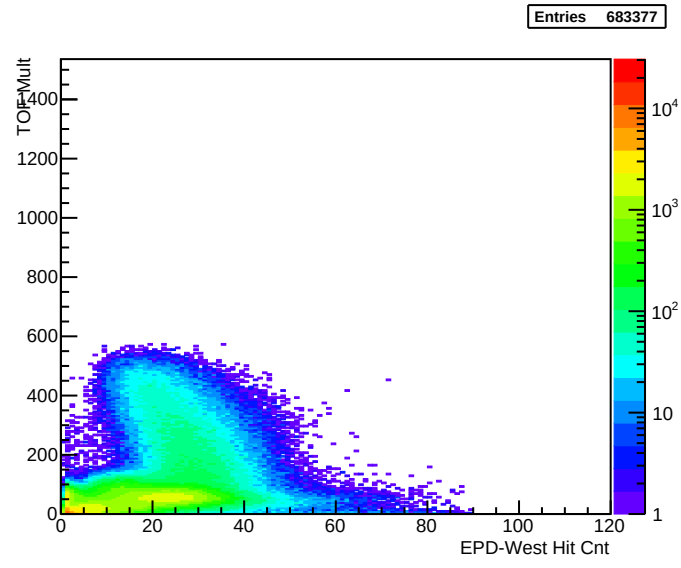

VT201 Input Ch4: VPD Adc Sum Th
Entries 1366754
378794
507185
304583
176192
East
West

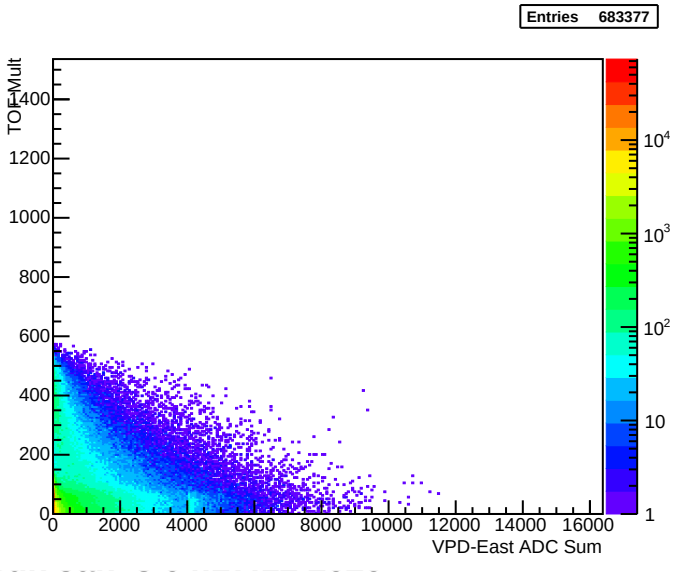

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

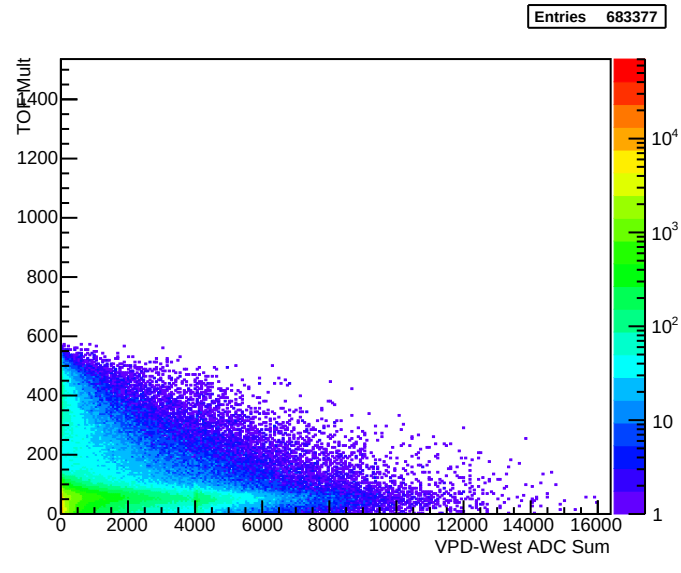

Entries 683377
TOF-Mult
BBC-S-East ADC Sum

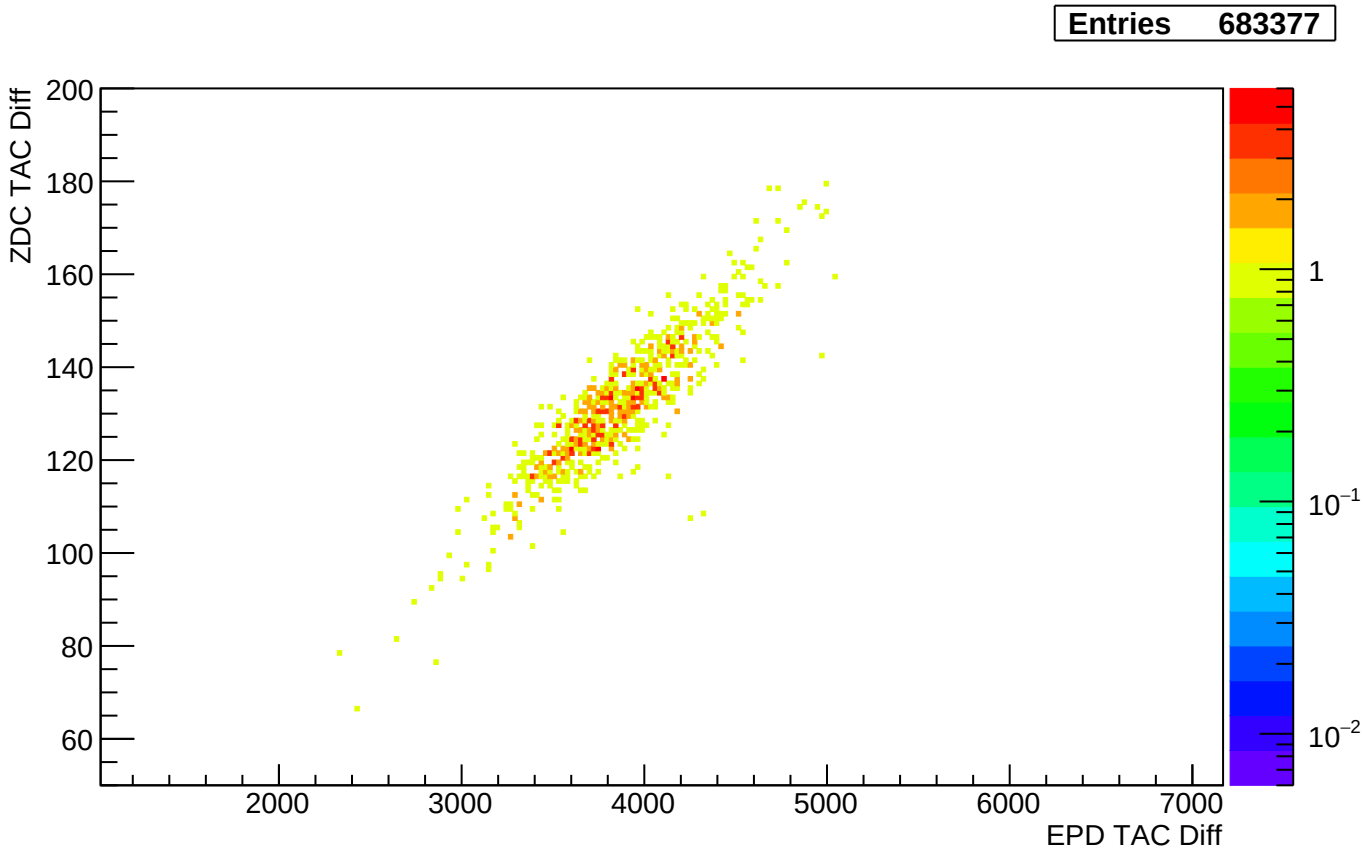

Entries 683377
TOF-Mult
BBC-S-West ADC Sum

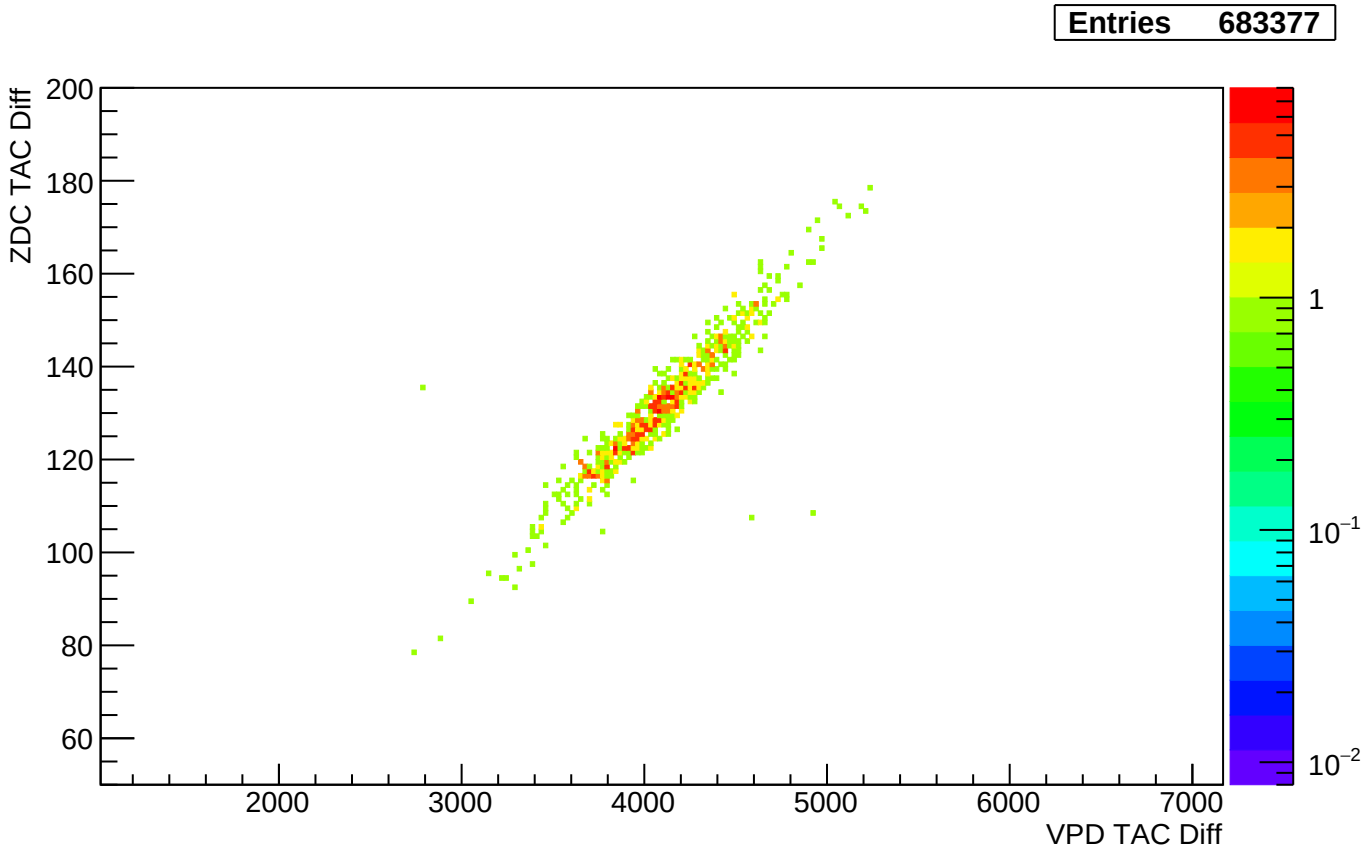

Entries 683377
TOF-Mult
EPD-East Hit Cnt

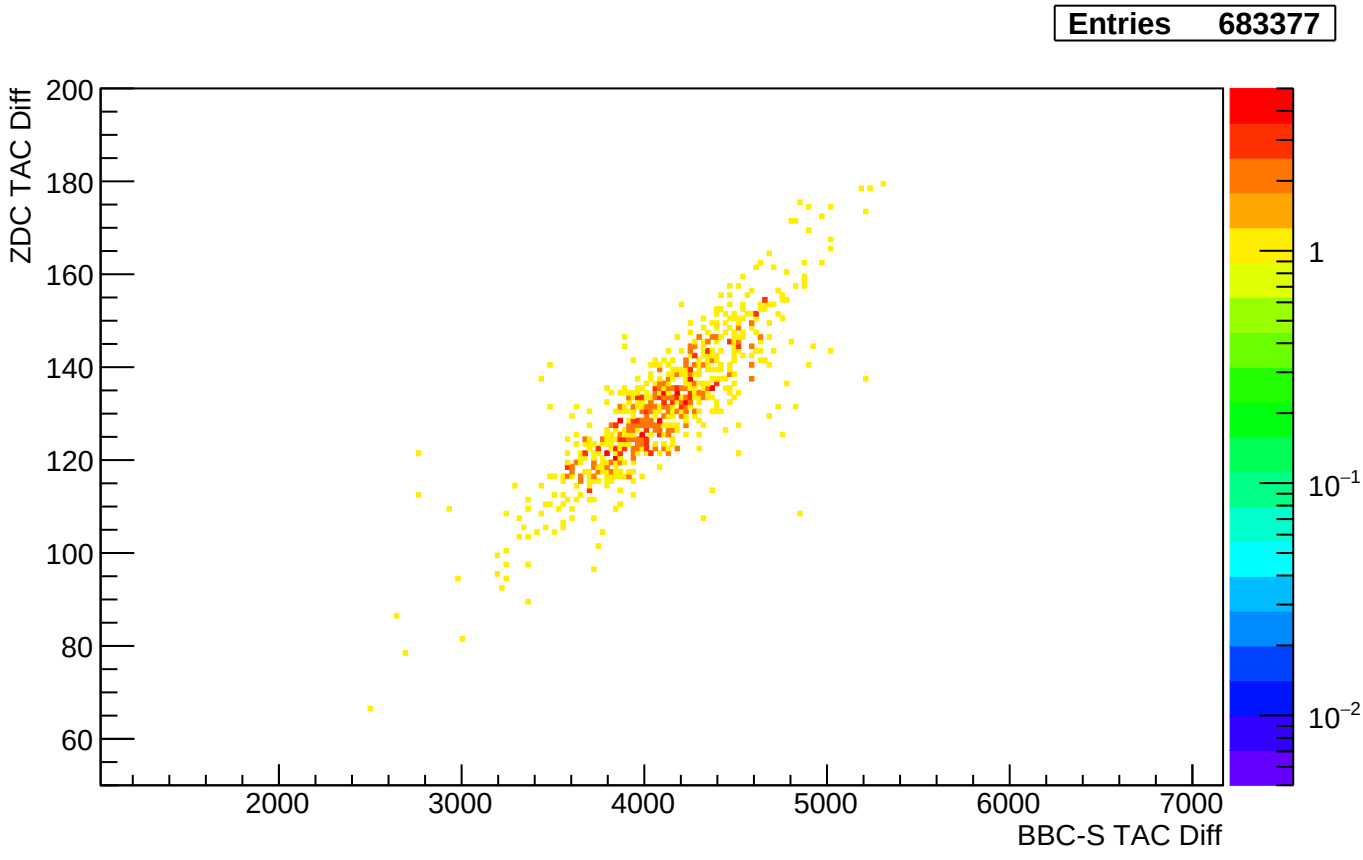

Entries 683377
TOF-Mult
EPD-West Hit Cnt

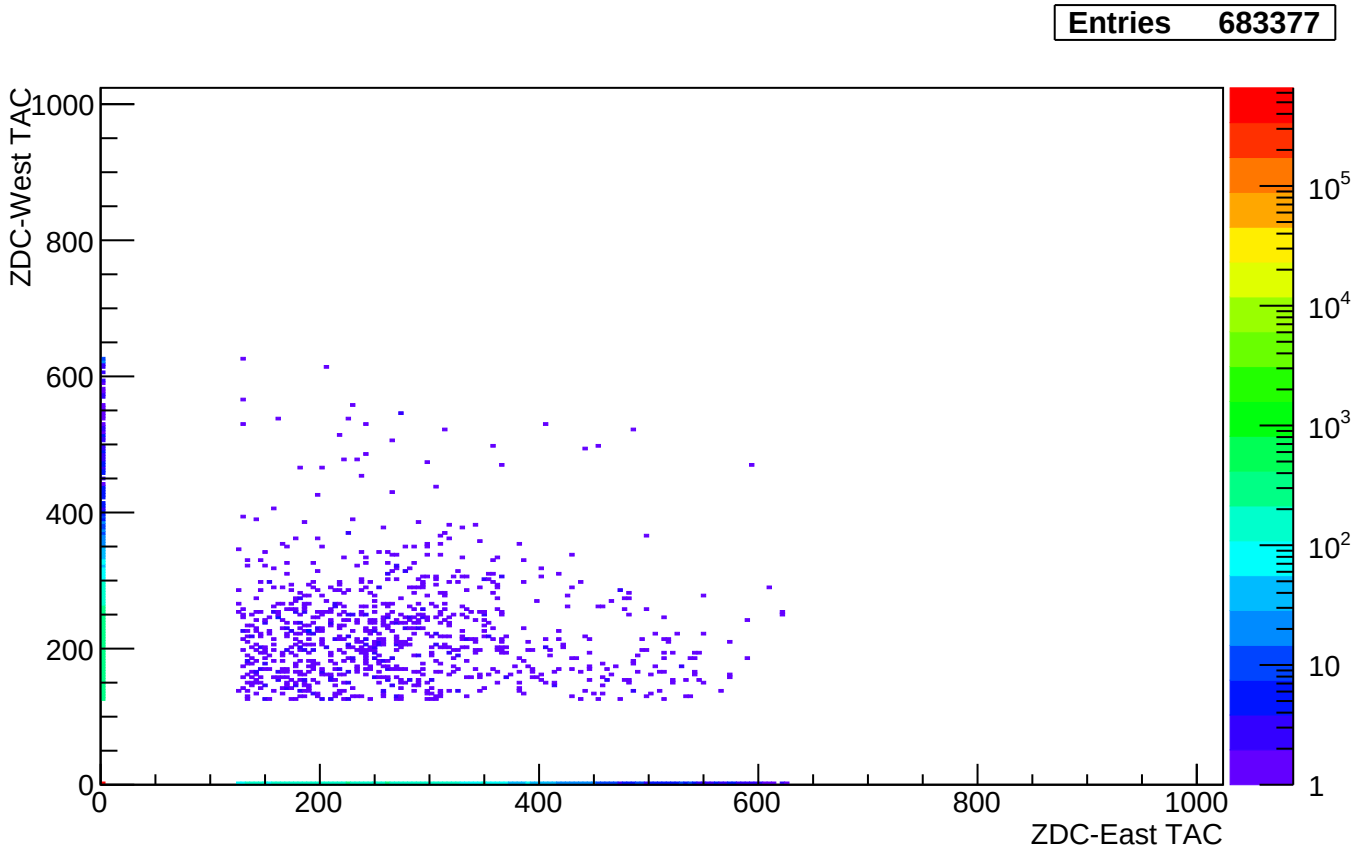

Entries 683377
TOF-Mult
VPD-East ADC Sum

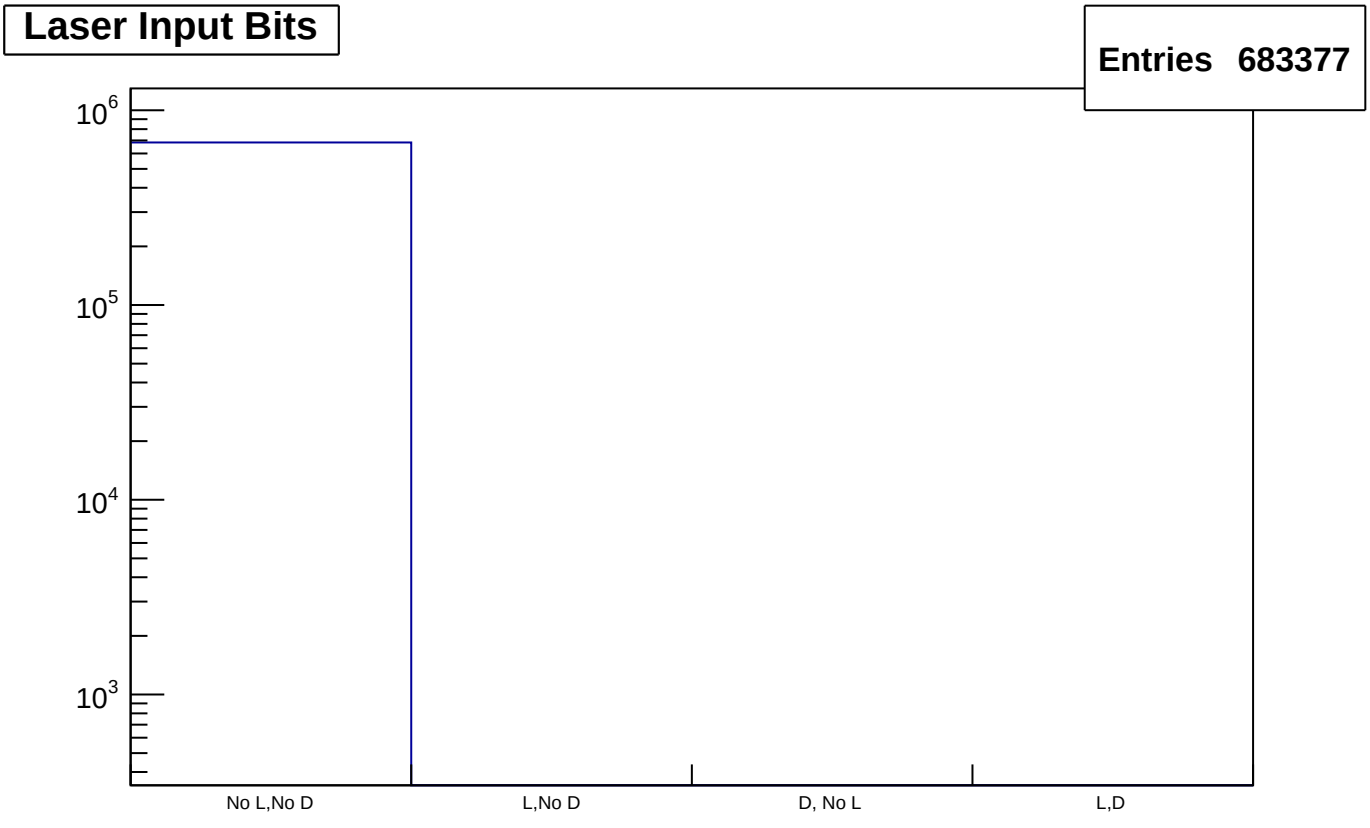

Entries 683377
TOF-Mult
VPD-West ADC Sum

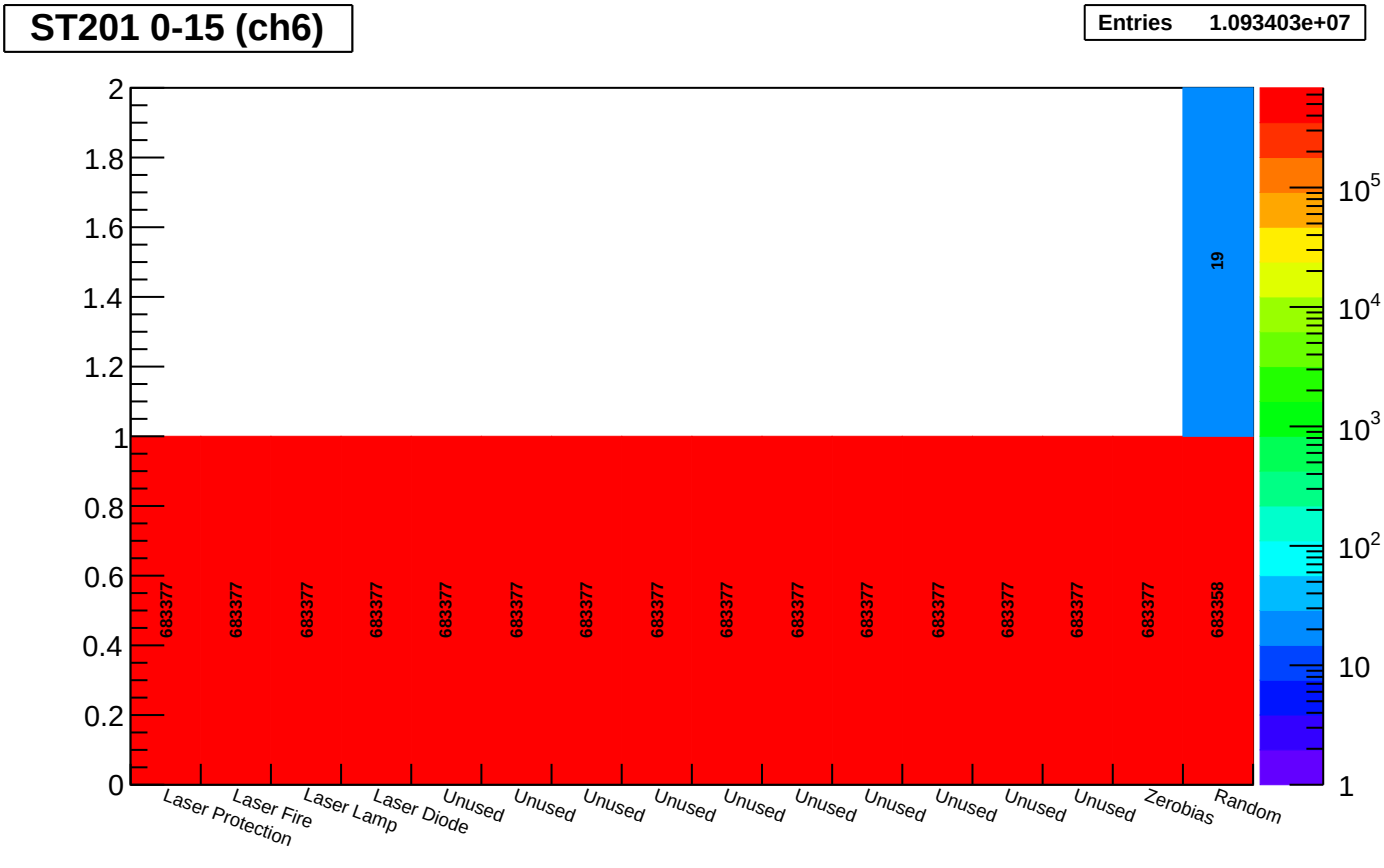

Entries 683377
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 683377
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}

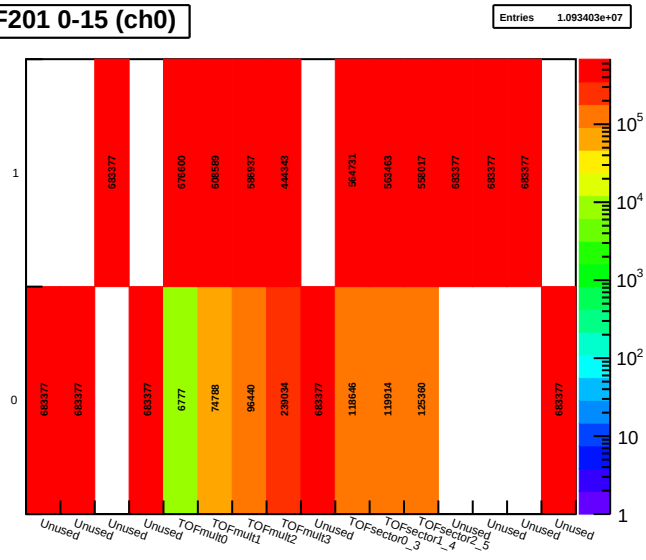

Entries 683377
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}


Entries 683377
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

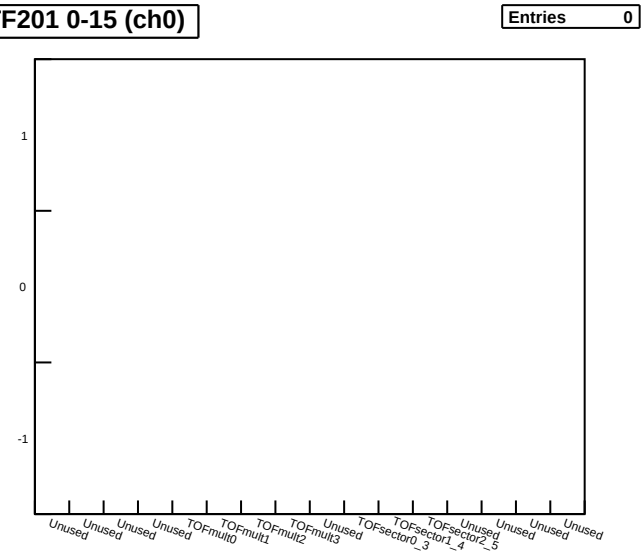

Laser Input Bits
Entries 683377
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.093403e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
683377
683358
19
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

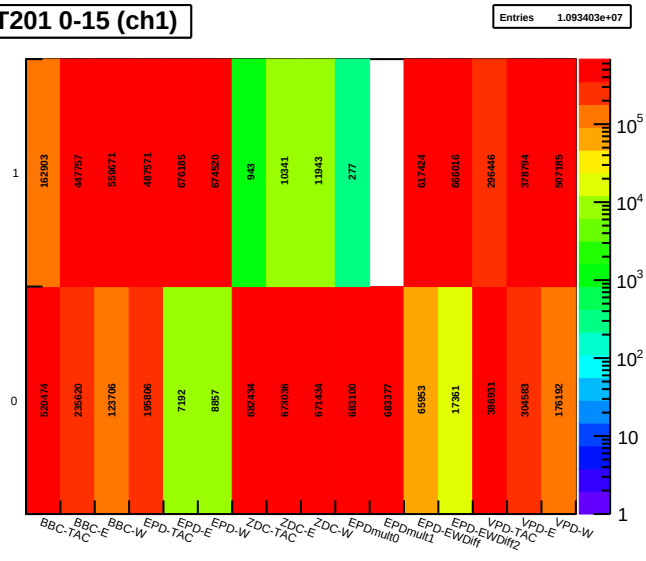
TF201 0-15 (ch0)



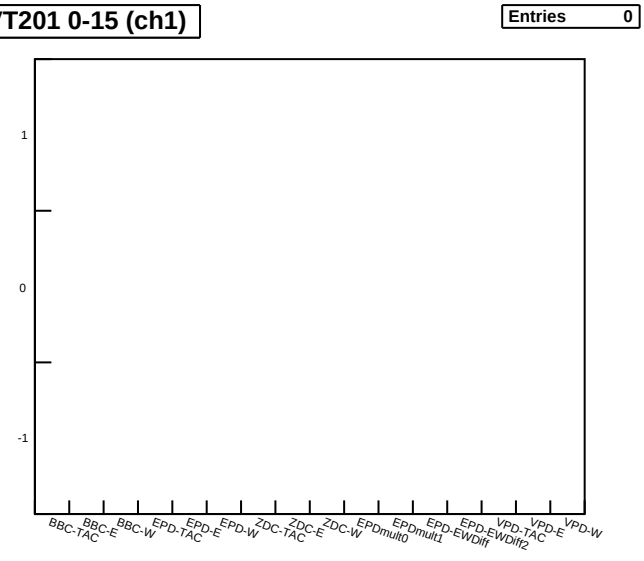
TF201 0-15 (ch0)



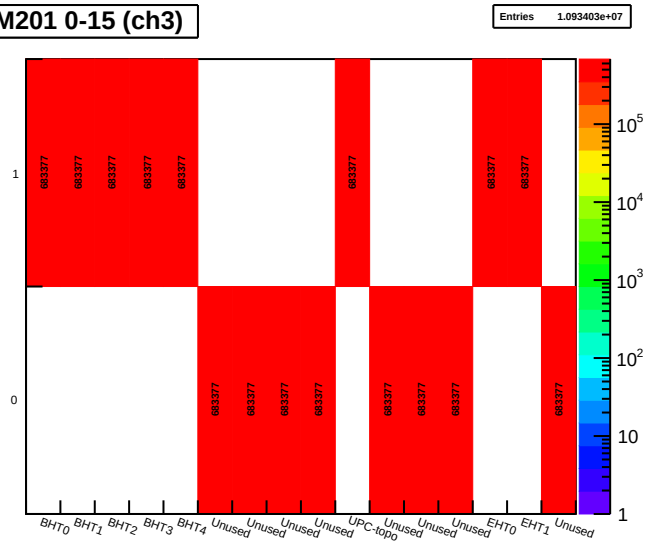
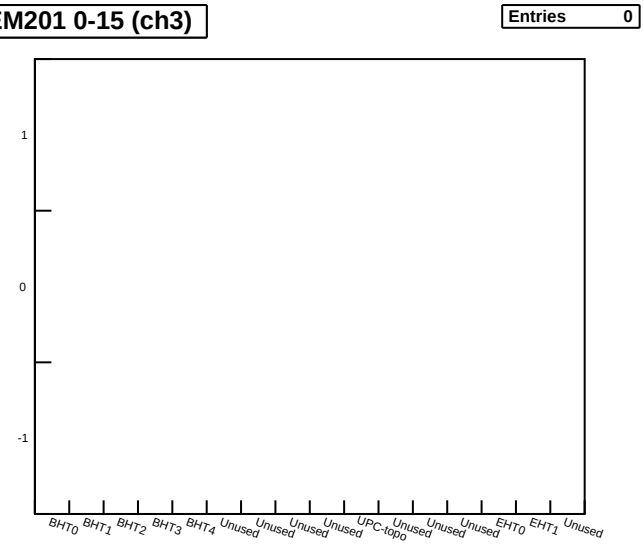
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)