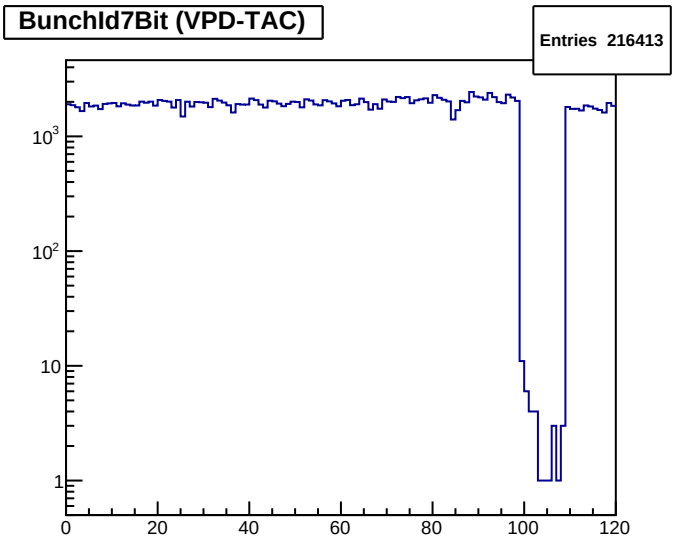
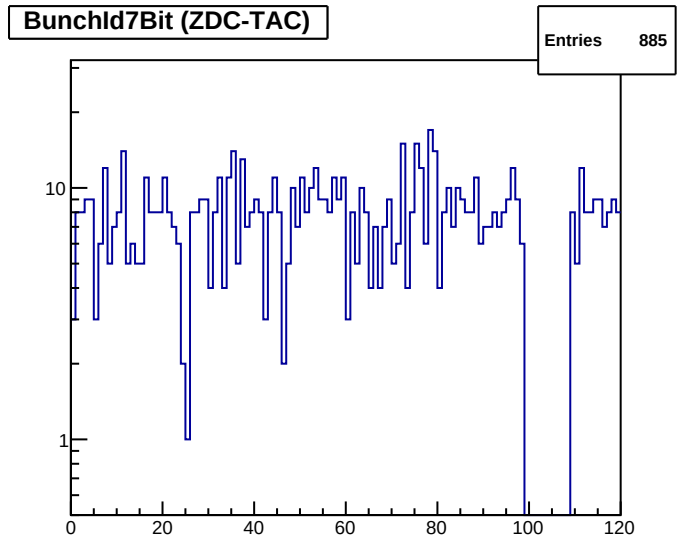
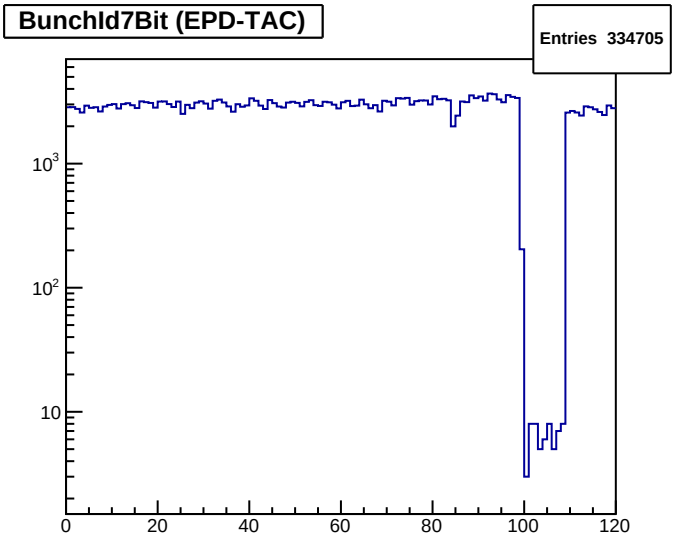
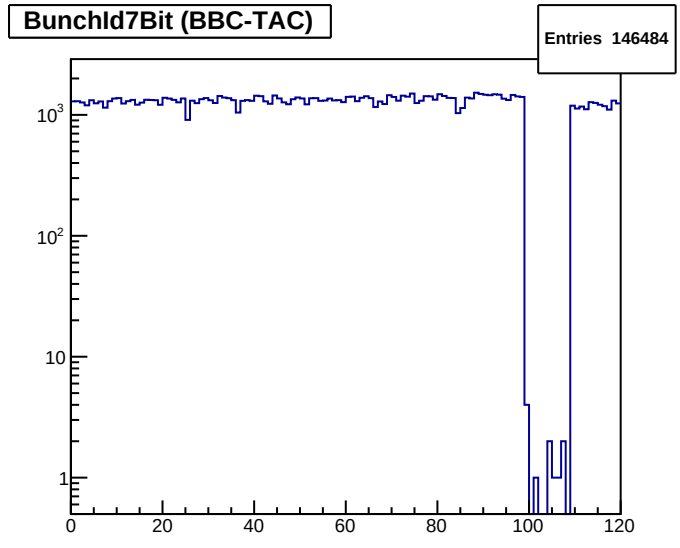
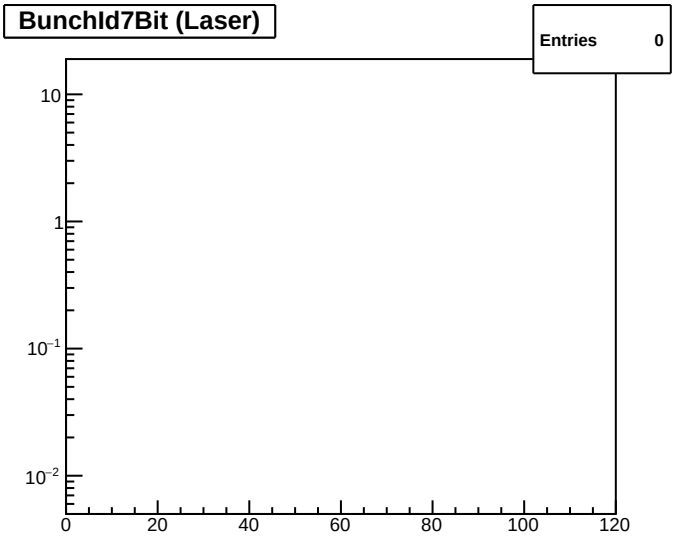
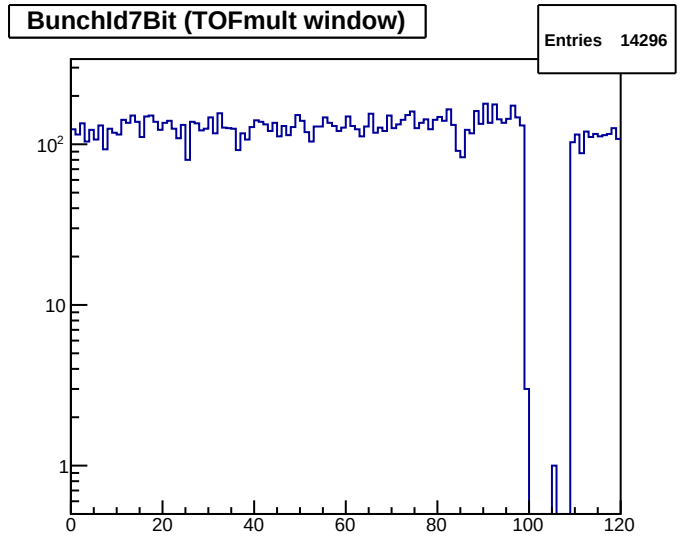

BunchId7Bit (VPD-TAC)
Entries 216413

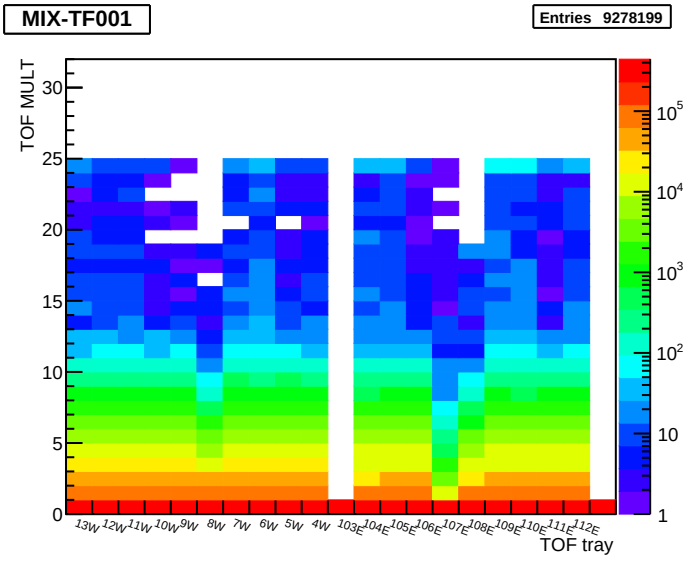

BunchId7Bit (ZDC-TAC)
Entries 885

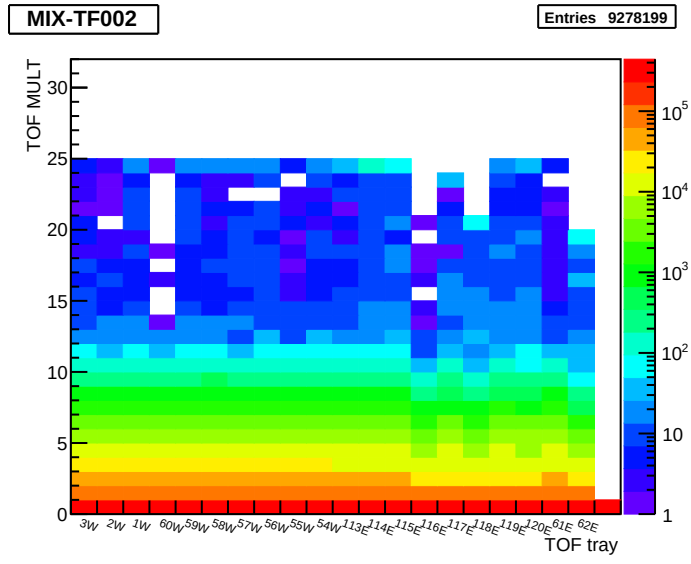

BunchId7Bit (EPD-TAC)
Entries 334705

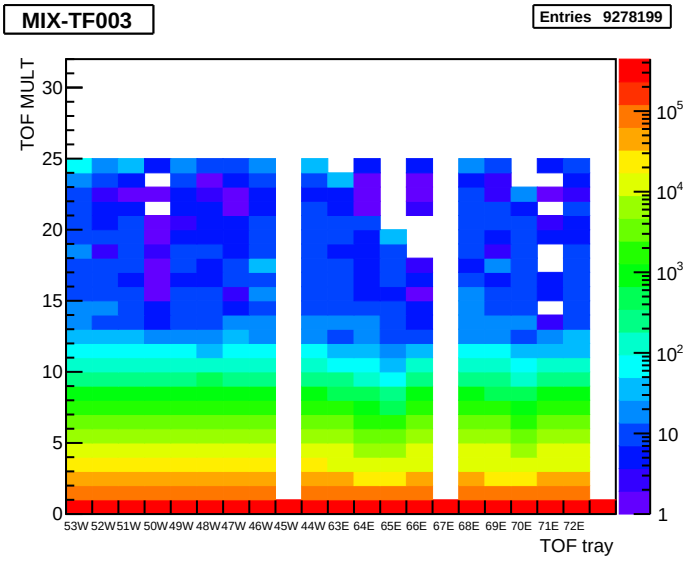

BunchId7Bit (BBC-TAC)
Entries 146484

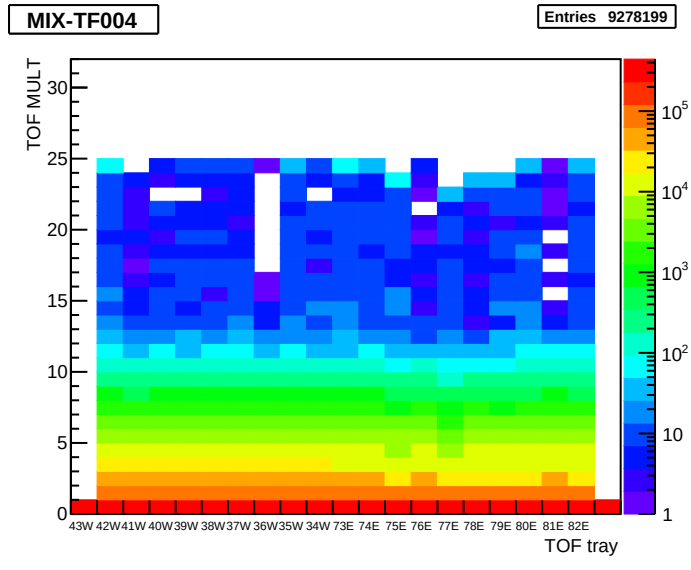

BunchId7Bit (Laser)
Entries 0

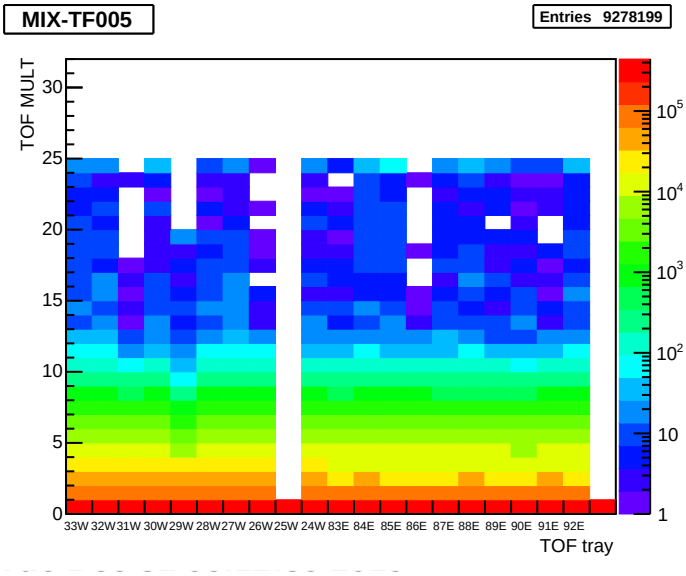

BunchId7Bit (TOFmult window)
Entries 14296

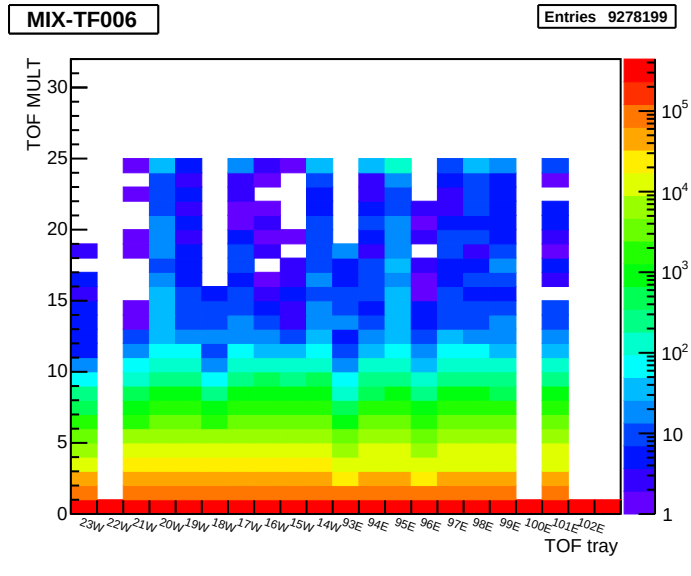

MIX-TF001
Entries 9278199
TOF MULT
TOF tray

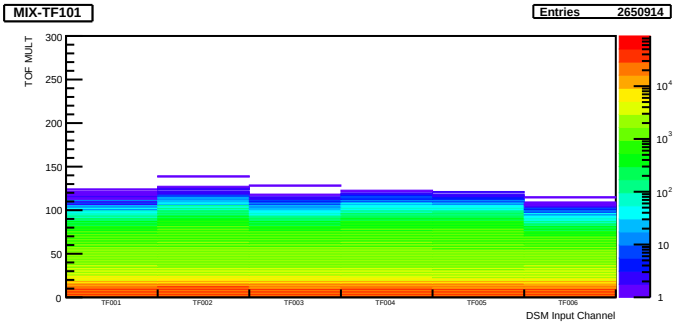

MIX-TF002
Entries 9278199
TOF MULT
TOF tray

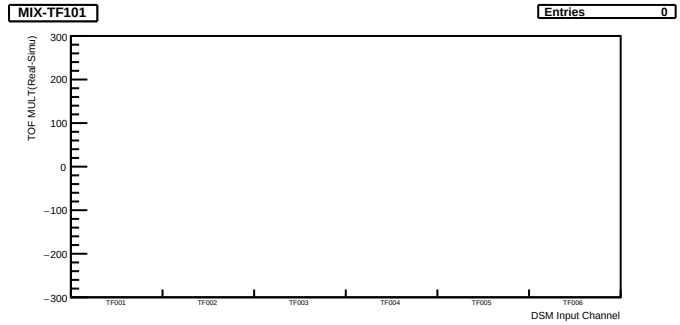

MIX-TF003
Entries 9278199
TOF MULT
TOF tray

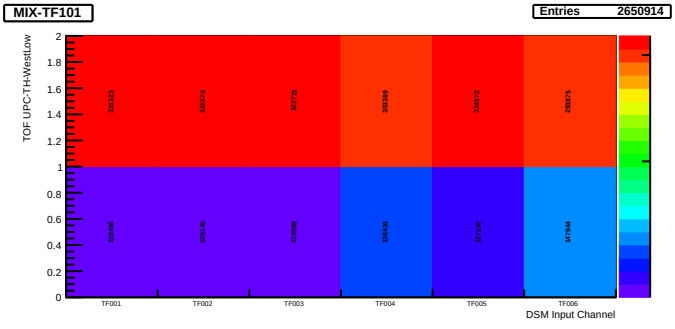

MIX-TF004
Entries 9278199
TOF MULT
TOF tray

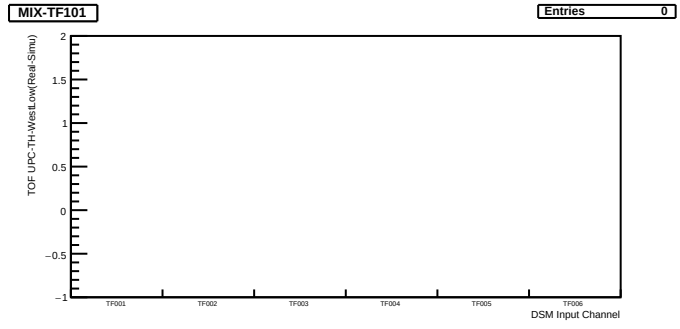

MIX-TF005
Entries 9278199
TOF MULT
TOF tray

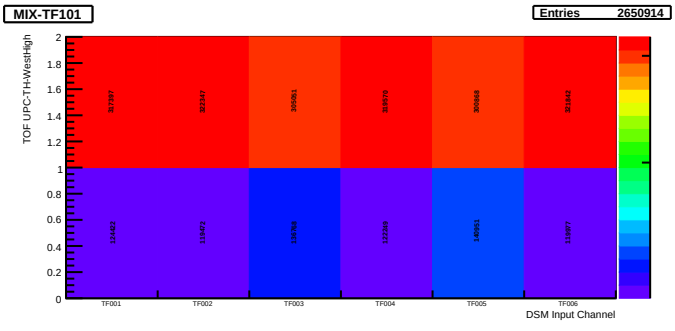

MIX-TF006
Entries 9278199
TOF MULT
TOF tray

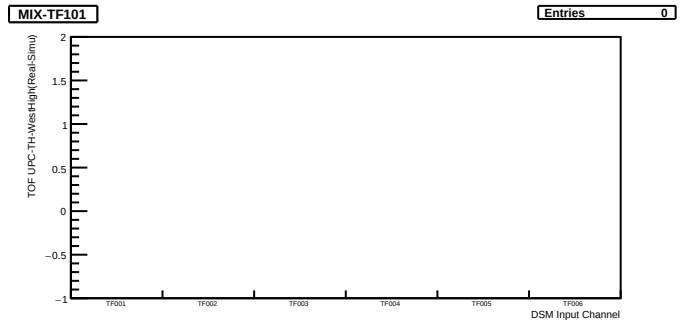

MIX-TF101
Entries 2650914
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

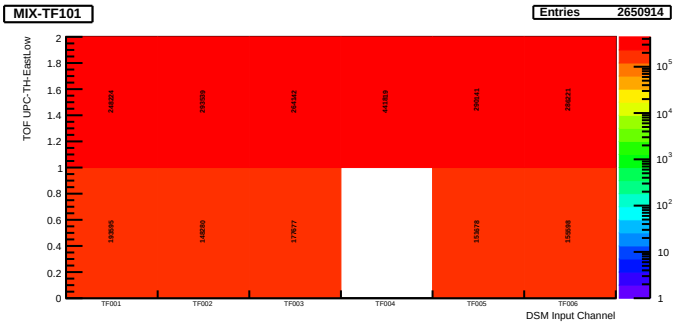

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

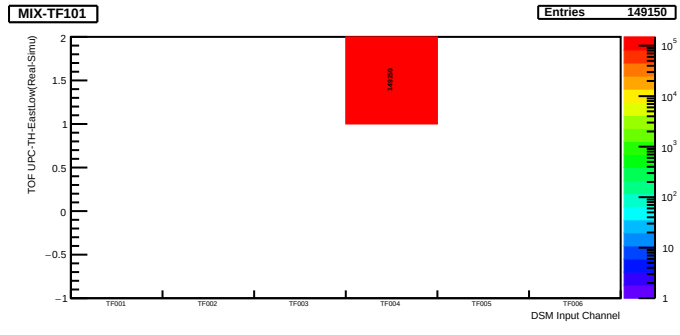

MIX-TF101
Entries 2650914
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

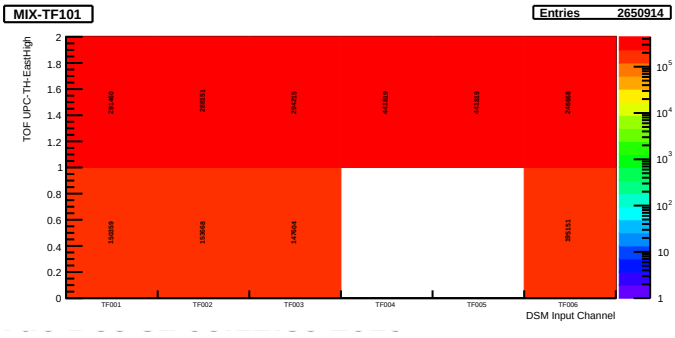

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

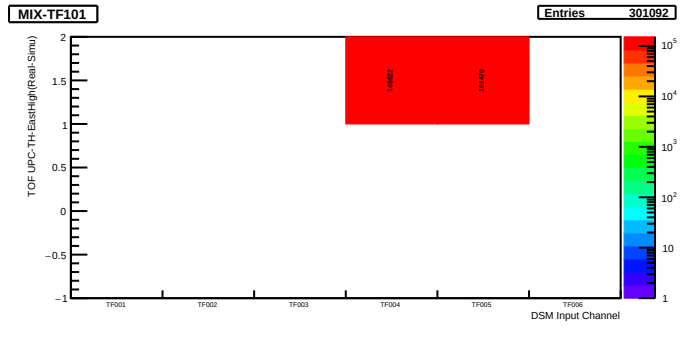

MIX-TF101
Entries 2650914
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

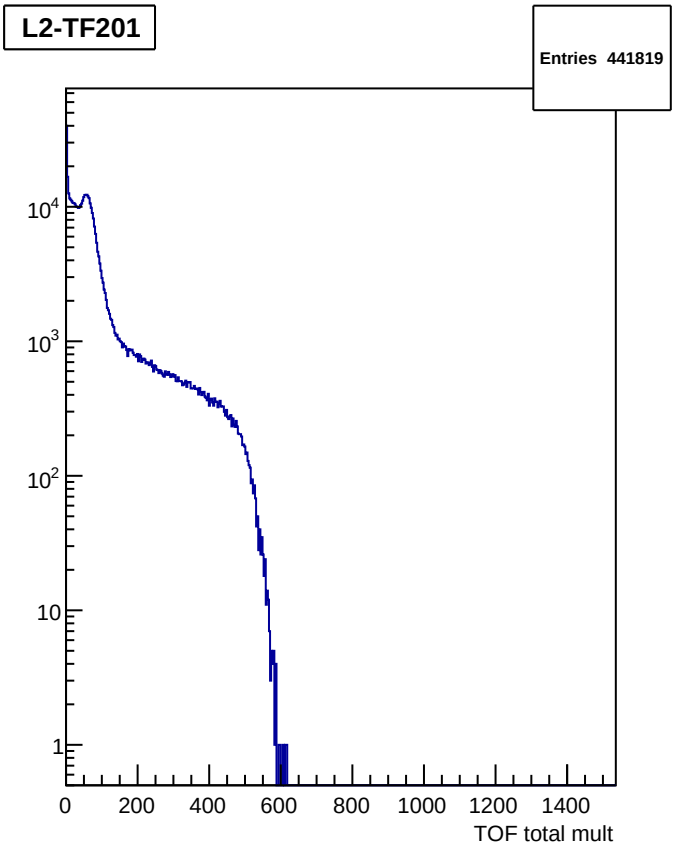

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

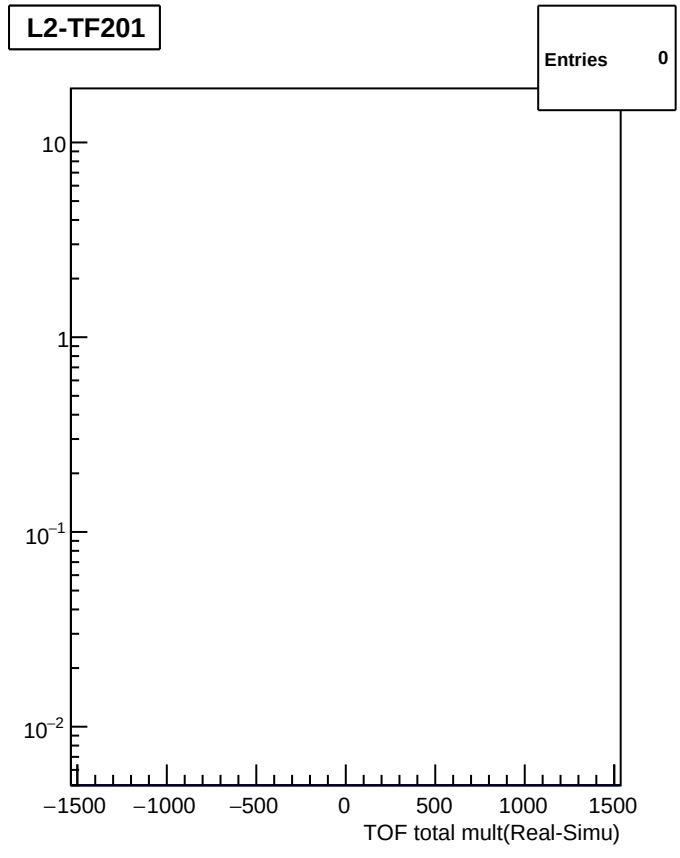

MIX-TF101
Entries 2650914
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

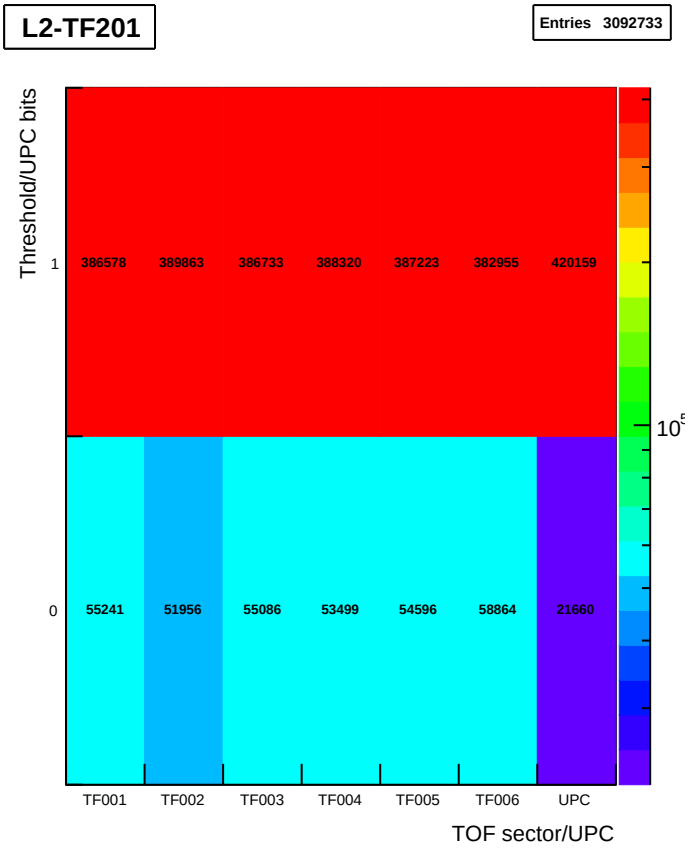

MIX-TF101
Entries 149150
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

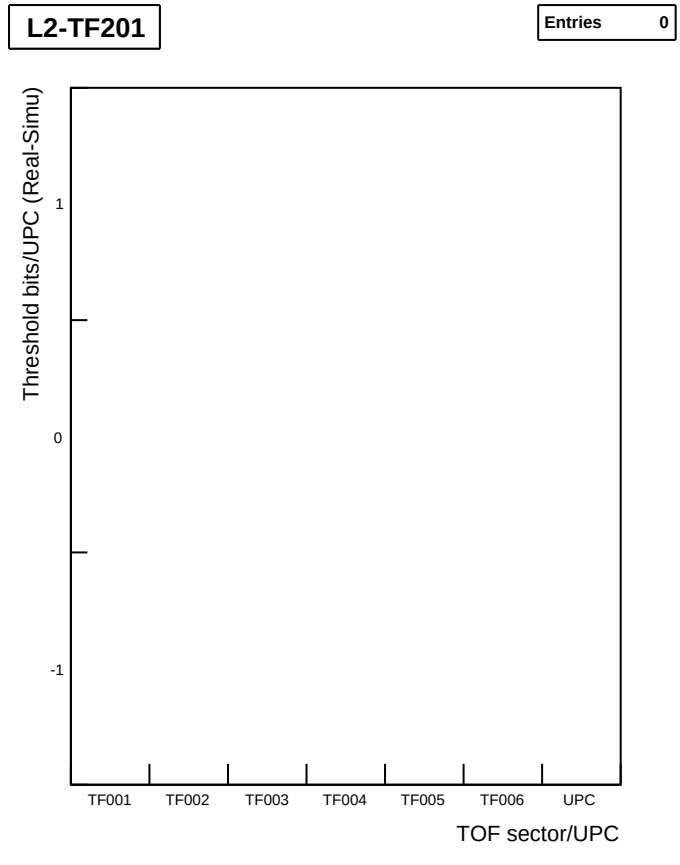

MIX-TF101
Entries 2650914
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

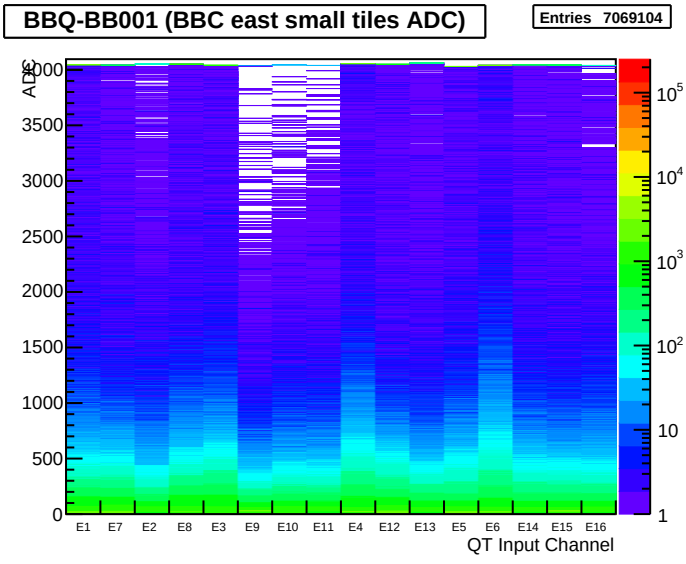

MIX-TF101
Entries 301092
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

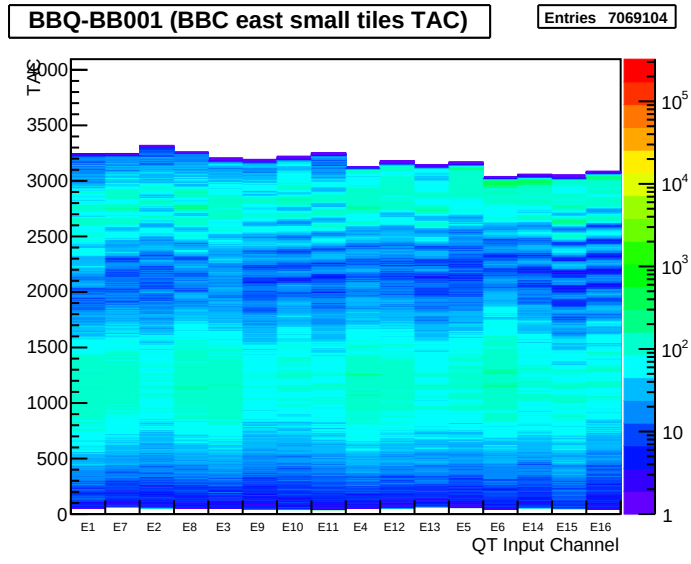

L2-TF201
Entries 441819
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

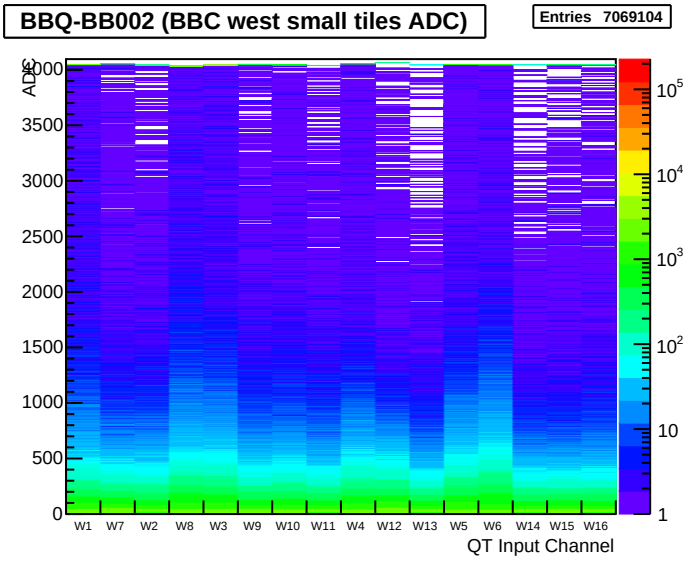

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

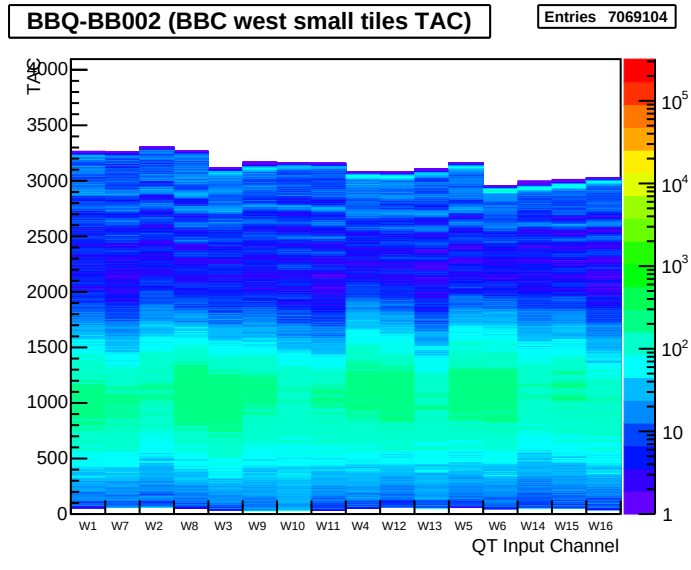

L2-TF201
Entries 3092733
Threshold/UPC bits
1
0
386578
389863
386733
388320
387223
382955
420159
55241
51956
55086
53499
54596
58864
21660
10^5
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

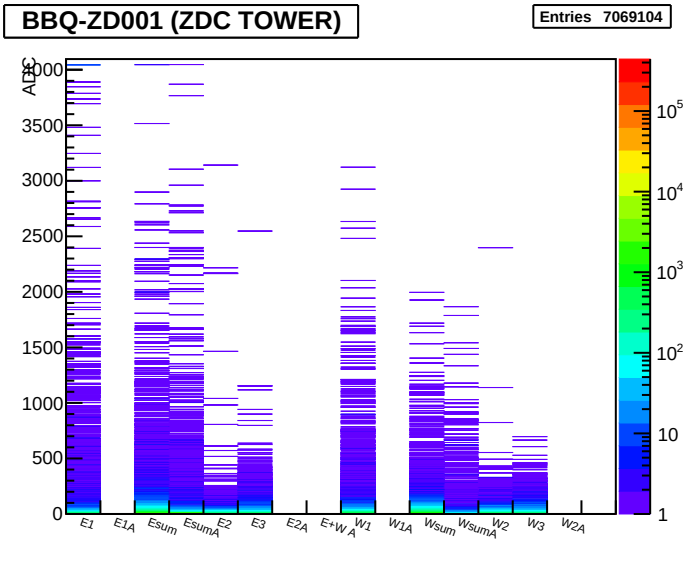

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

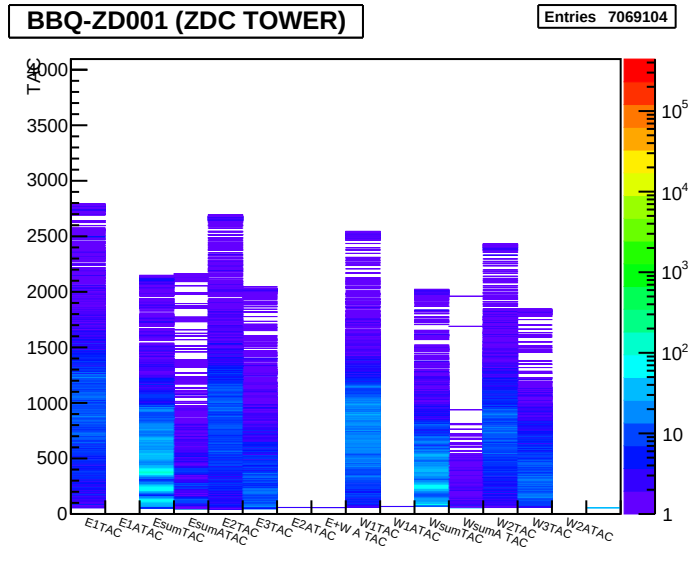

BBQ-BB001 (BBC east small tiles ADC)
Entries 7069104
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

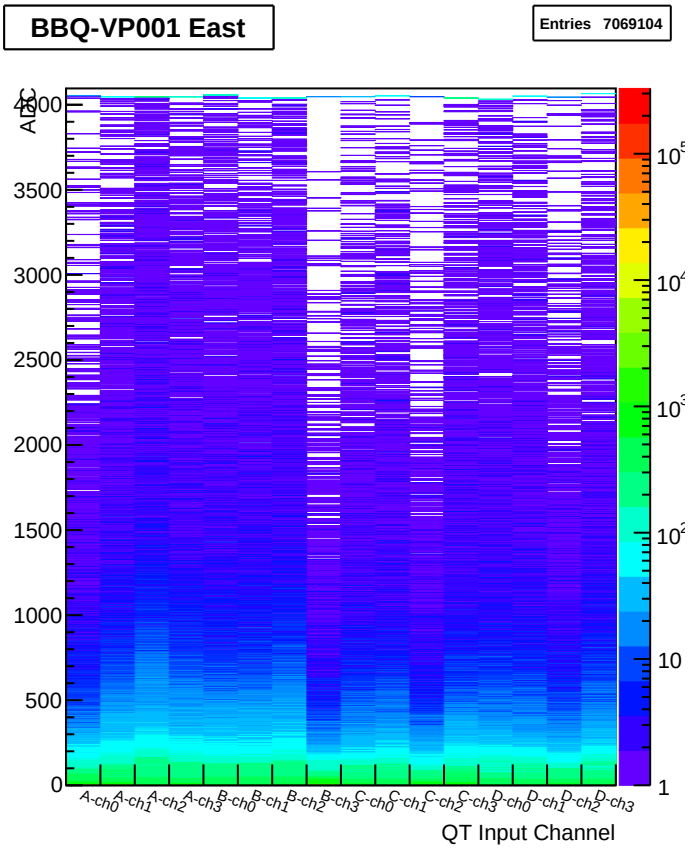

BBQ-BB001 (BBC east small tiles TAC)
Entries 7069104
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

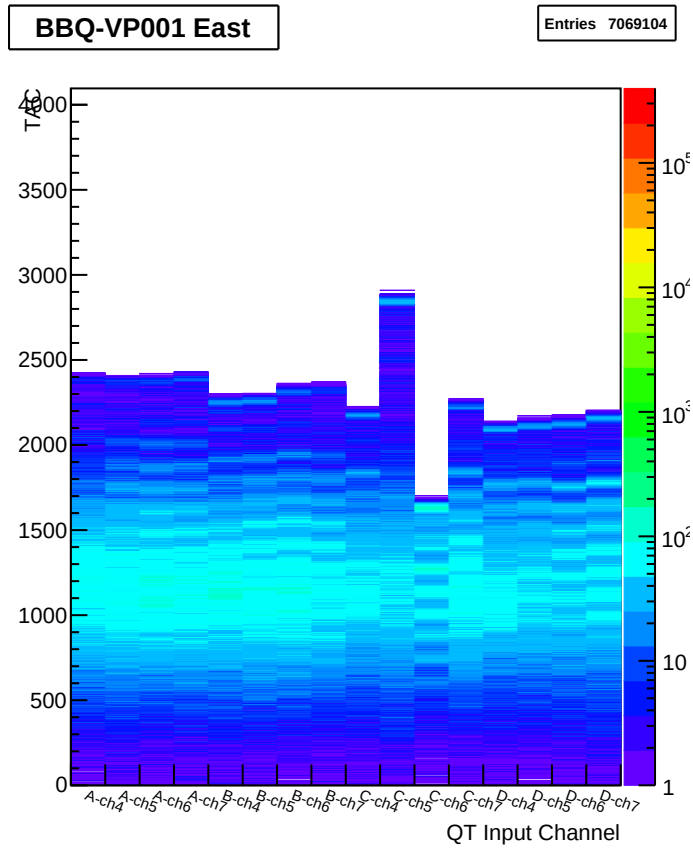

BBQ-BB002 (BBC west small tiles ADC)
Entries 7069104
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

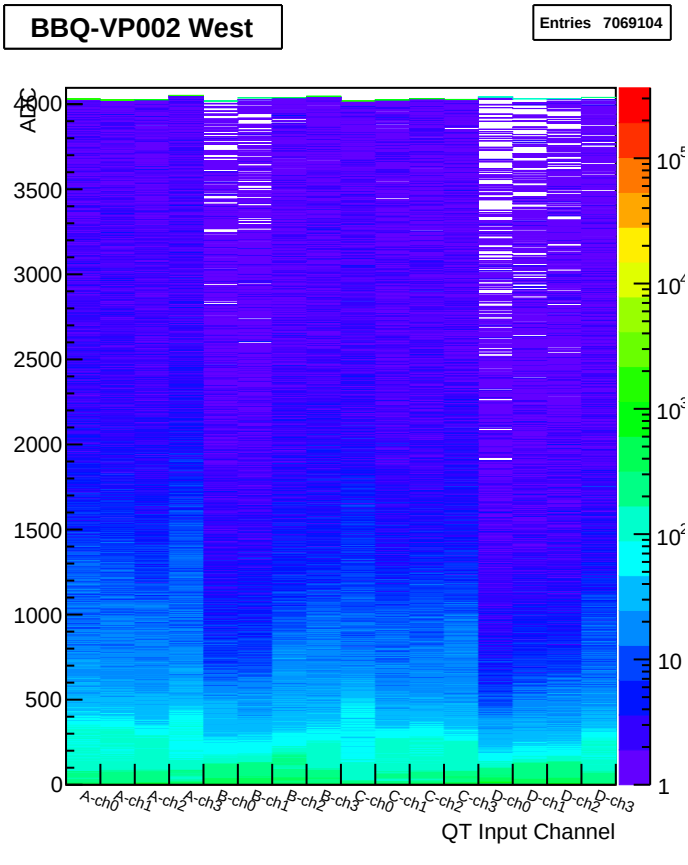

BBQ-BB002 (BBC west small tiles TAC)
Entries 7069104
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

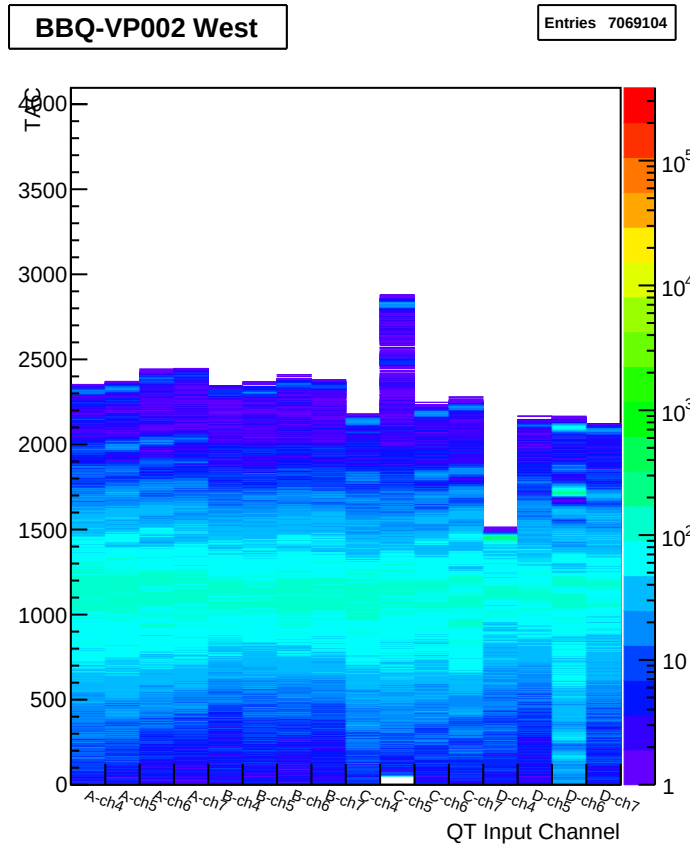

BBQ-ZD001 (ZDC TOWER)
Entries 7069104
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

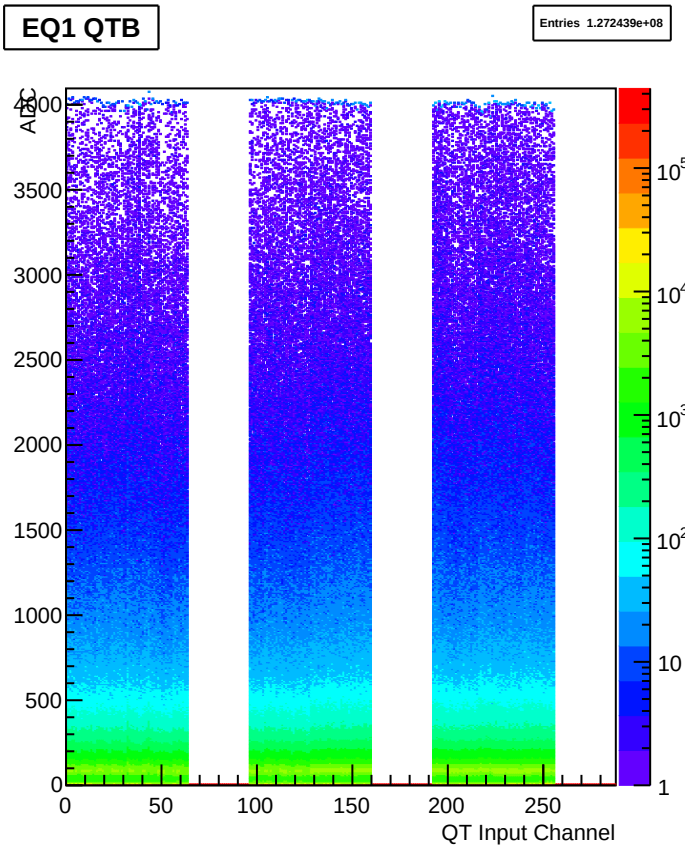

BBQ-ZD001 (ZDC TOWER)
Entries 7069104
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

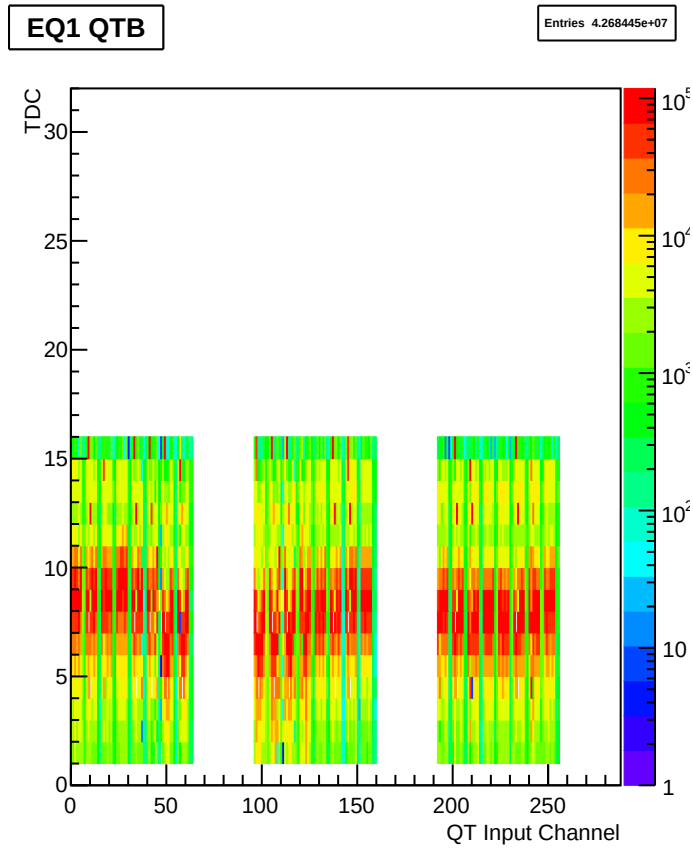

BBQ-VP001 East
Entries 7069104
ADC
QT Input Channel

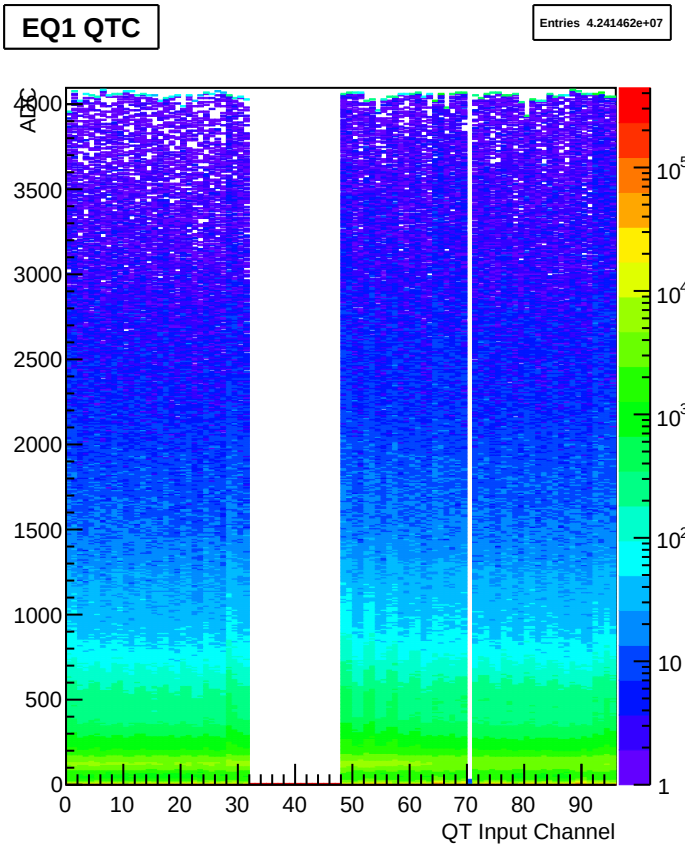

BBQ-VP001 East
Entries 7069104
TADC
QT Input Channel

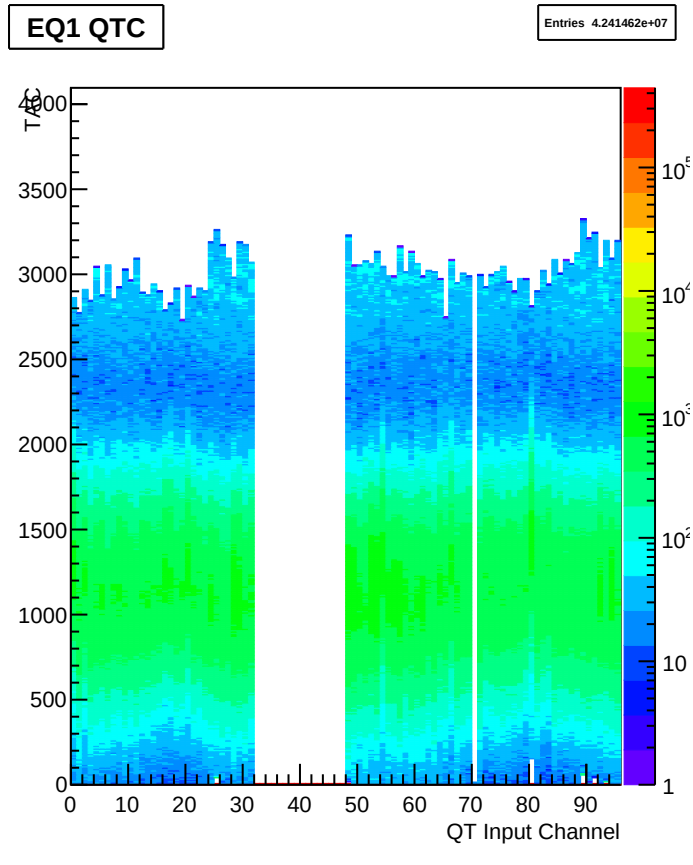

BBQ-VP002 West
Entries 7069104
ADC
QT Input Channel

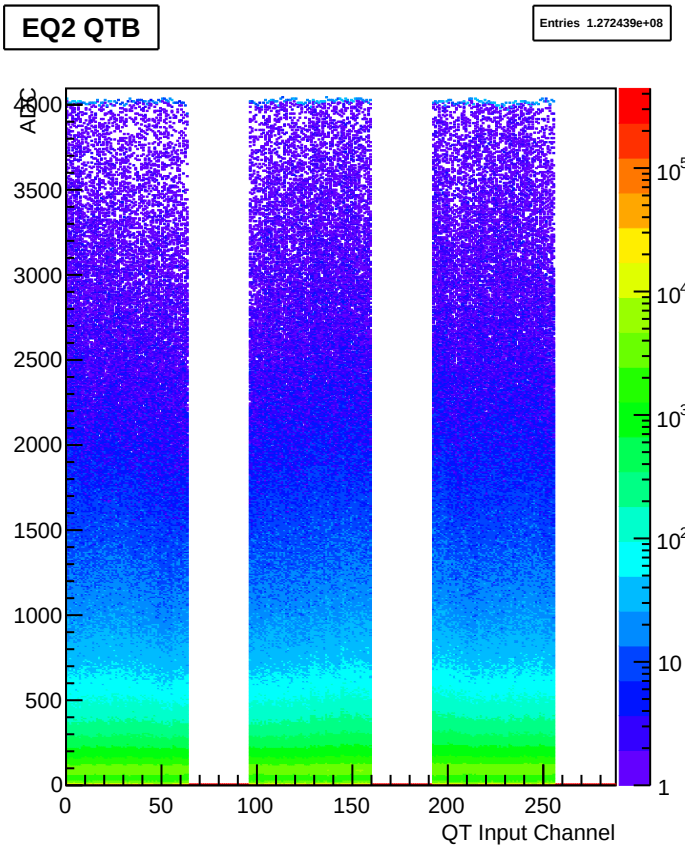

BBQ-VP002 West
Entries 7069104
TADC
QT Input Channel

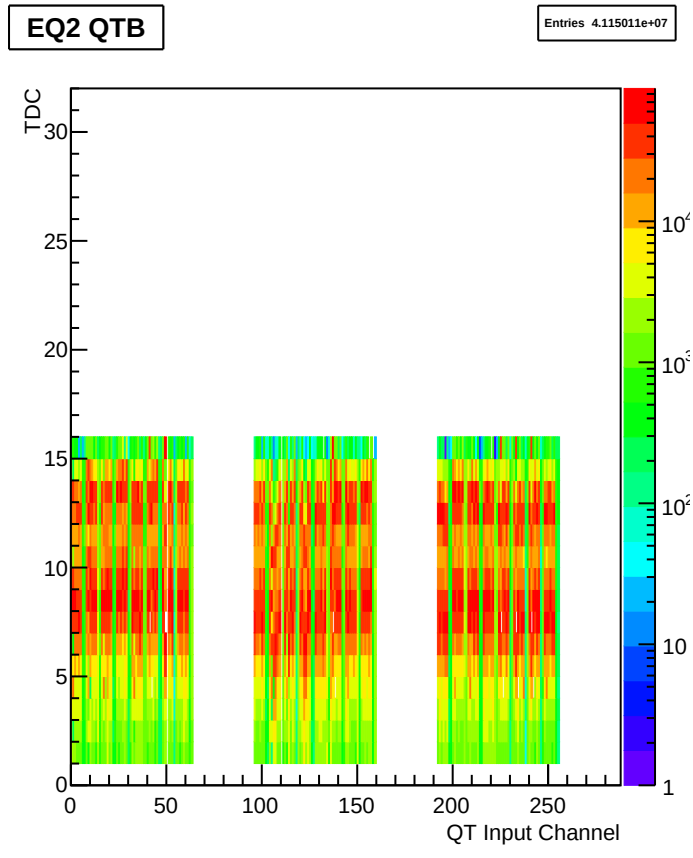

EQ1 QTB
Entries 1.272439e+08
ADC
QT Input Channel

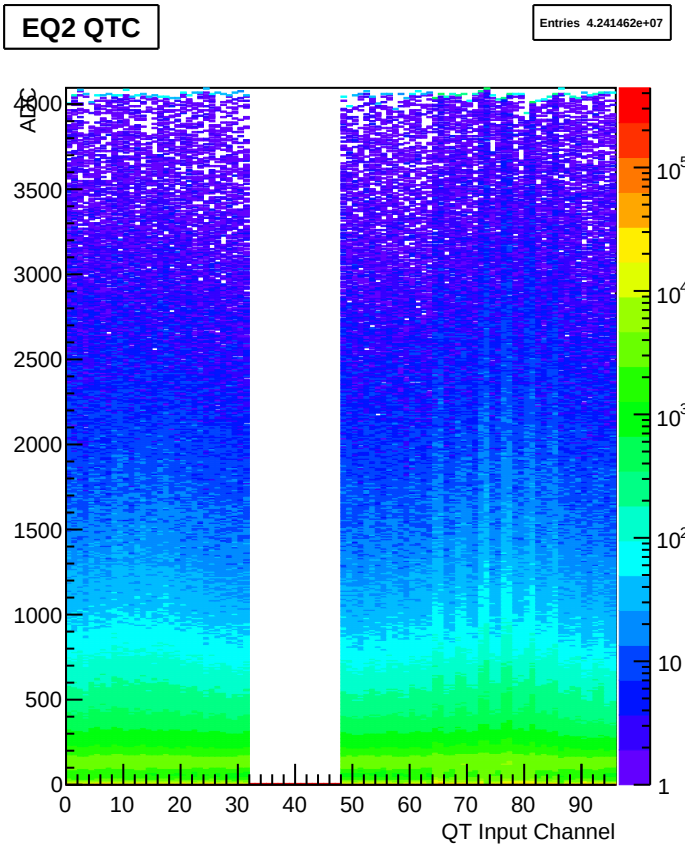

EQ1 QTB
Entries 4.268445e+07
TDC
QT Input Channel

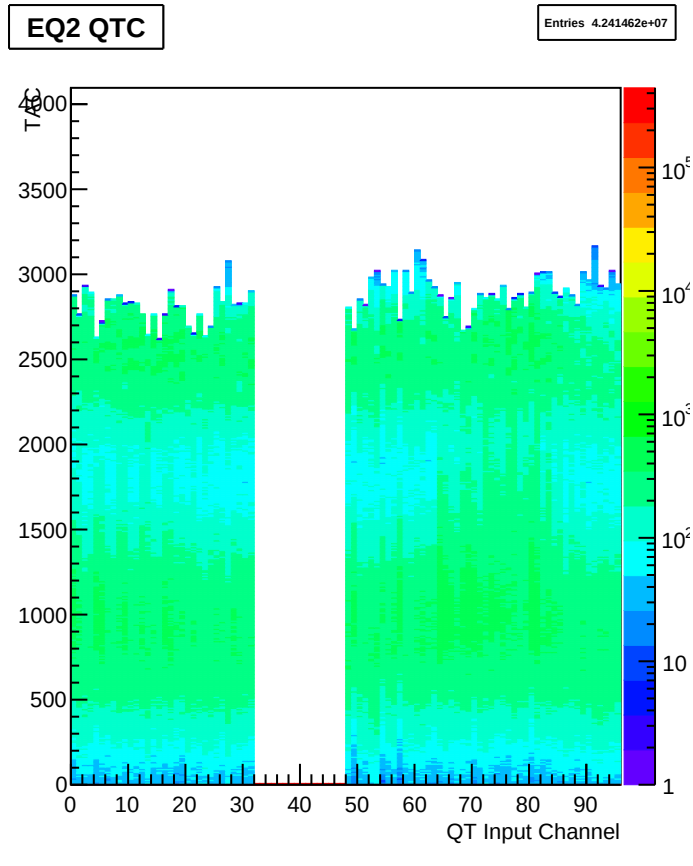

EQ1 QTC
Entries 4.241462e+07
ADC
QT Input Channel

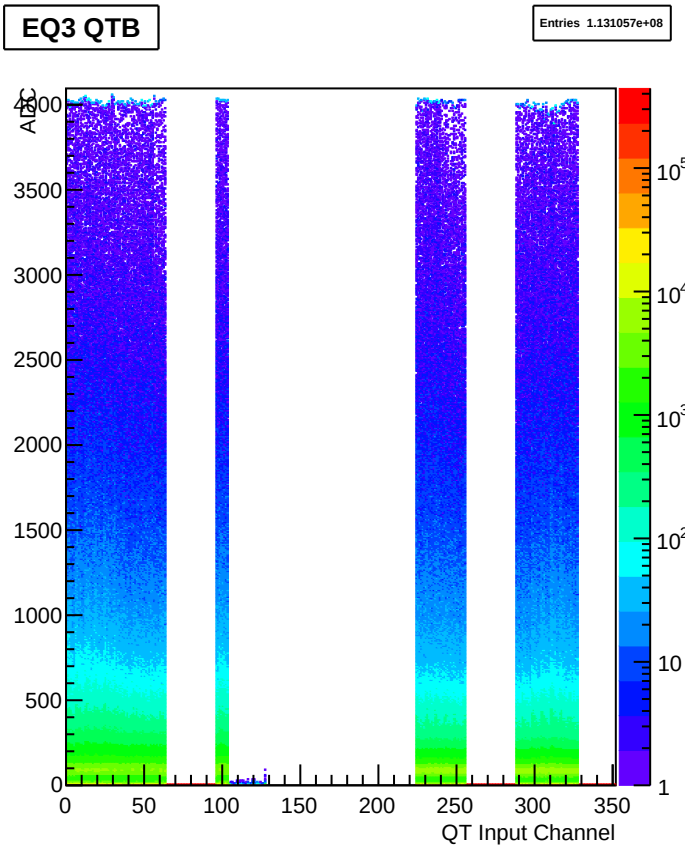

EQ1 QTC
Entries 4.241462e+07
TADC
QT Input Channel

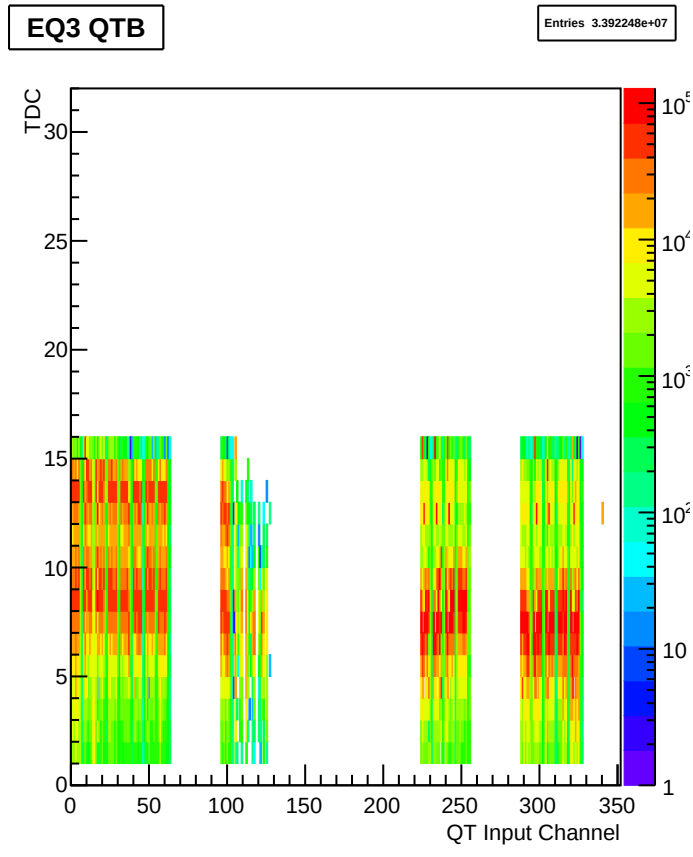

EQ2 QTB
Entries 1.272439e+08
ADC
QT Input Channel

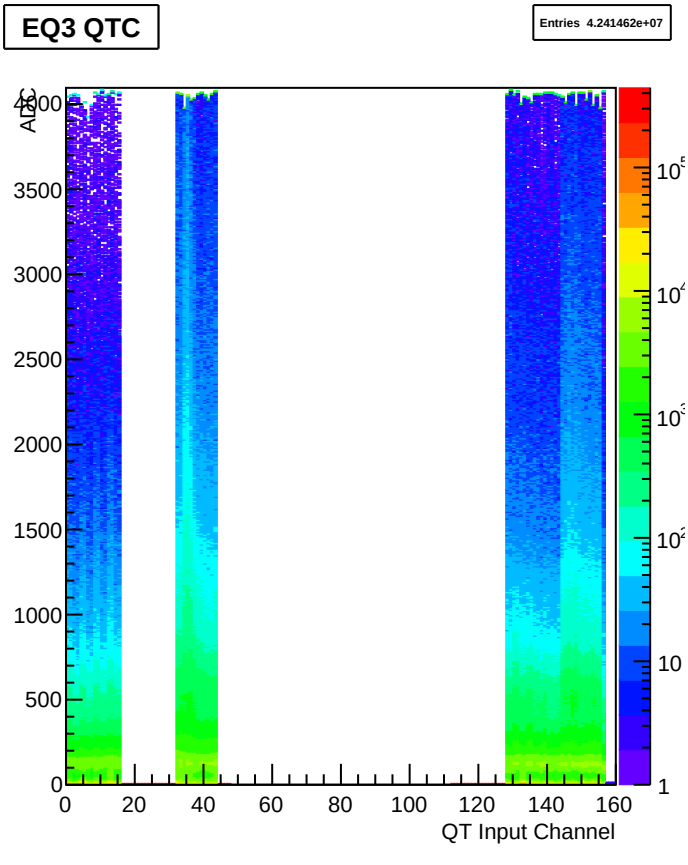

EQ2 QTB
Entries 4.115011e+07
TDC
QT Input Channel

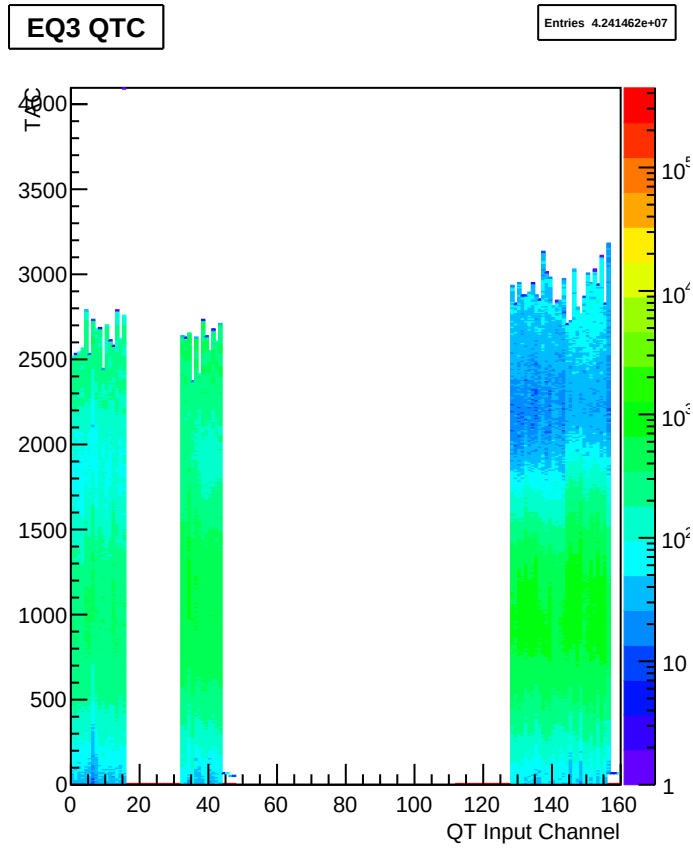

EQ2 QTC
Entries 4.241462e+07
ADC
QT Input Channel

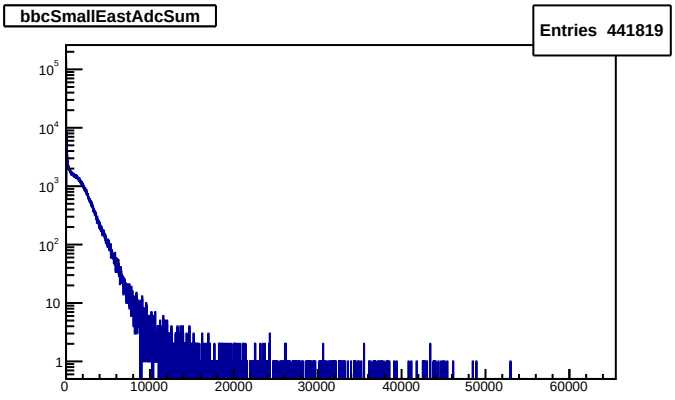

EQ2 QTC
Entries 4.241462e+07
TADC
QT Input Channel

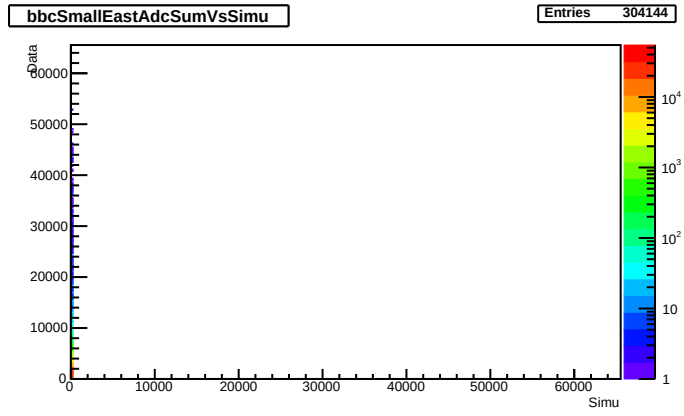

EQ3 QTB
Entries 1.131057e+08
ADC
QT Input Channel

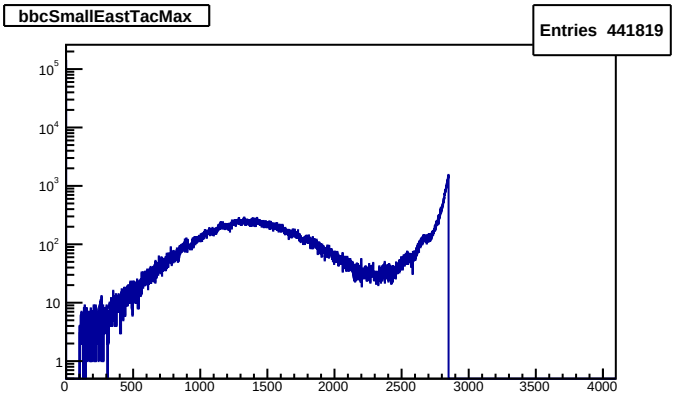

EQ3 QTB
Entries 3.392248e+07
TDC
QT Input Channel

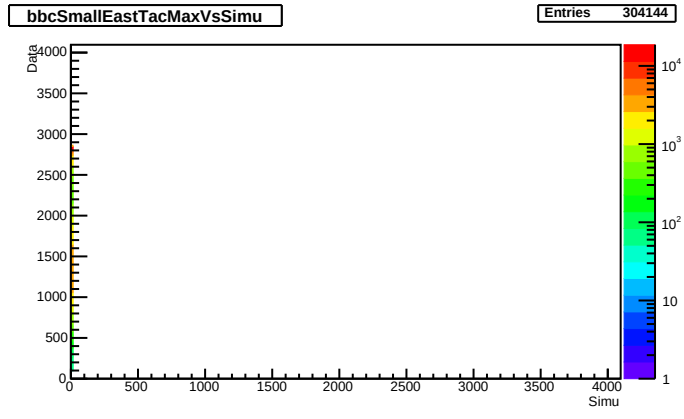

EQ3 QTC
Entries 4.241462e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.241462e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 441819


bbcSmallEastAdcSumVsSimu
Entries 304144
Data
Simu


bbcSmallEastTacMax
Entries 441819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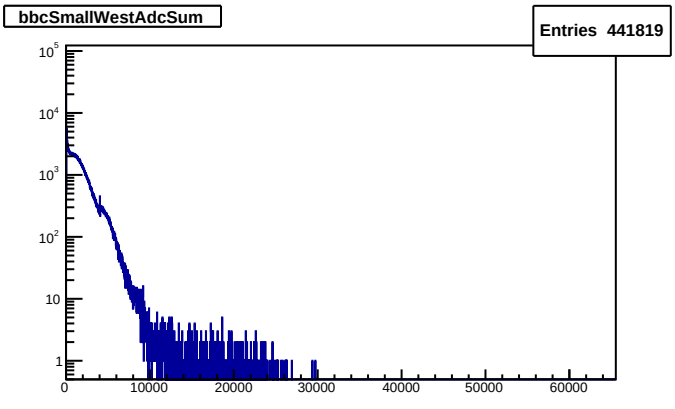
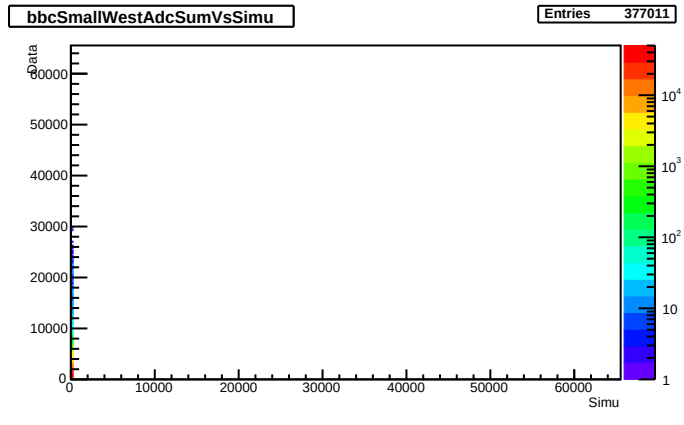
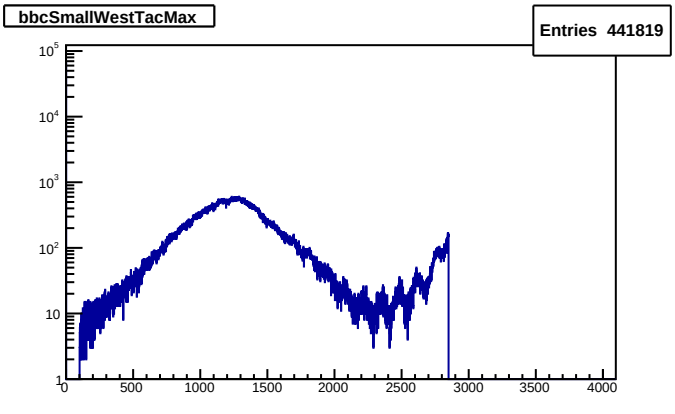
Entries 304144
Data
Simu


bbcSmallWestAdcSum
Entries 441819


bbcSmallWestAdcSumVsSimu
Entries 377011
Data
Simu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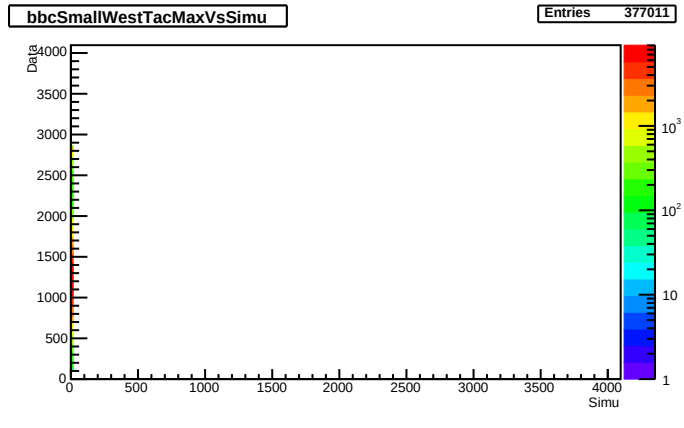
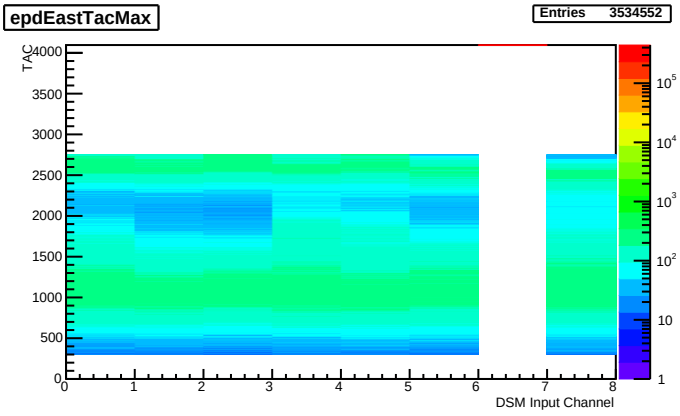
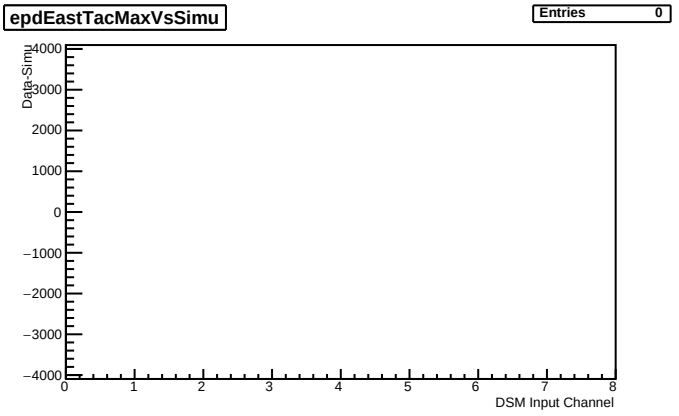
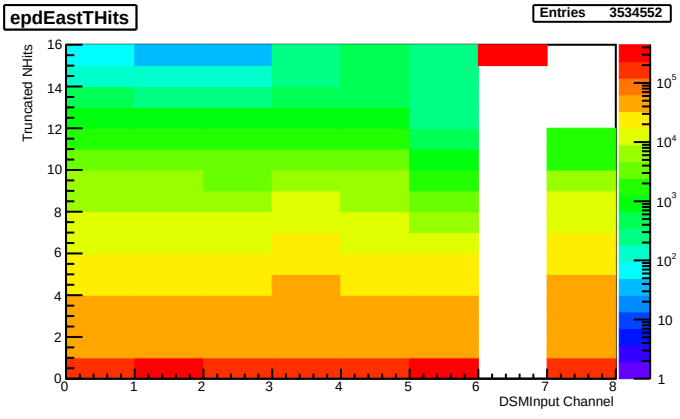
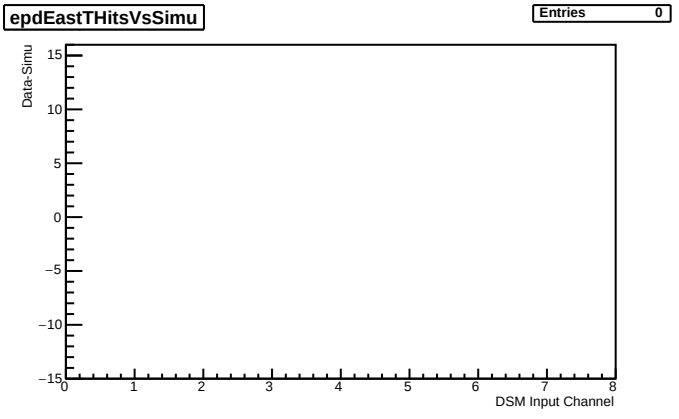
Entries 441819


bbcSmallWestTacMaxVsSimu
Entries 377011
Data
Simu


epdEastTacMax
Entries 3534552
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3534552
Truncated NHits
DSMInput Channel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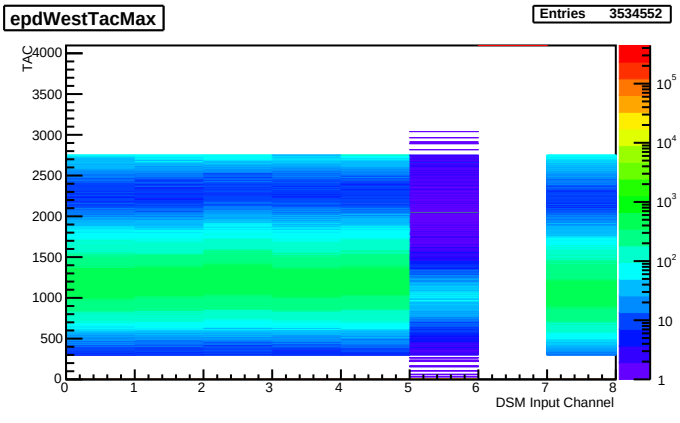
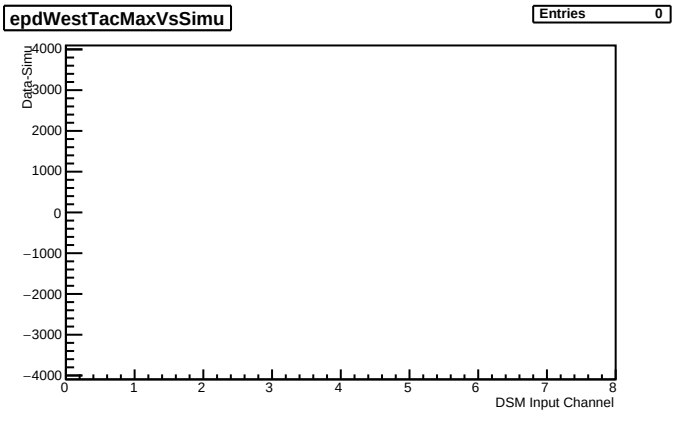
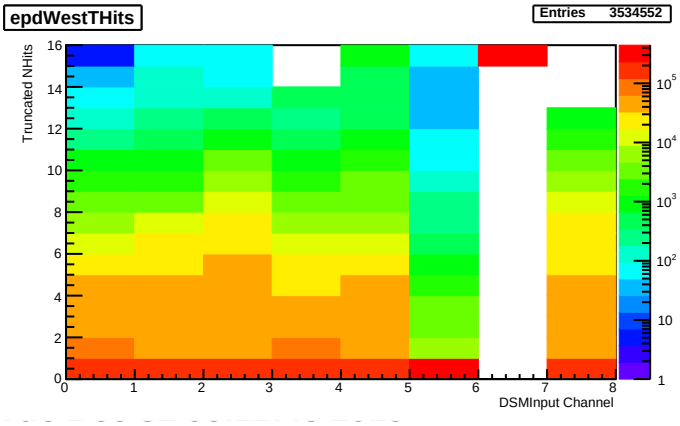
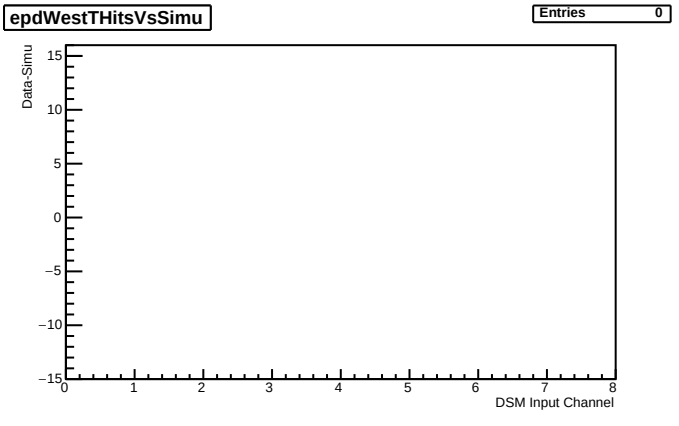
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3534552
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3534552
Truncated NHits
DSMInput Channel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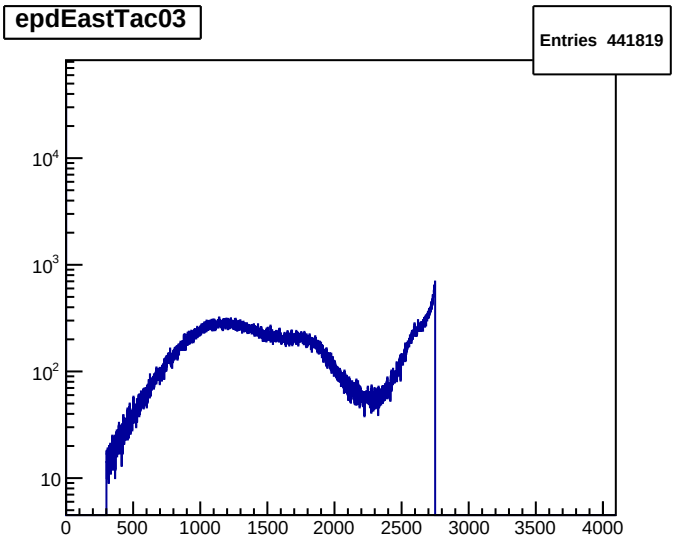
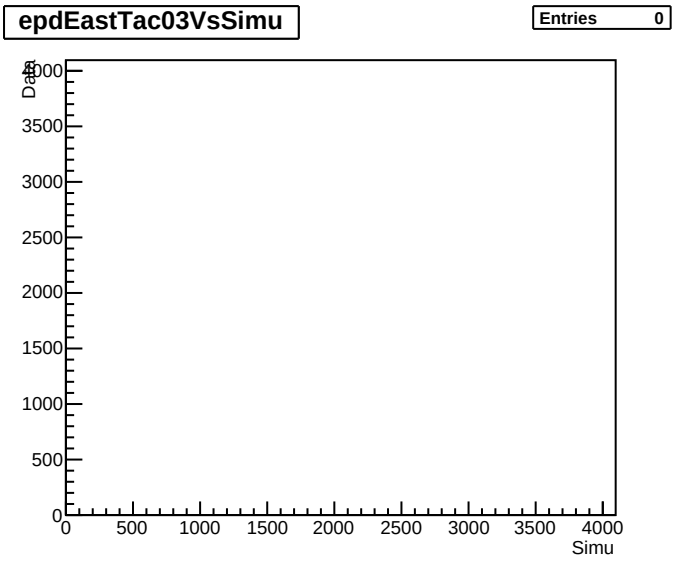
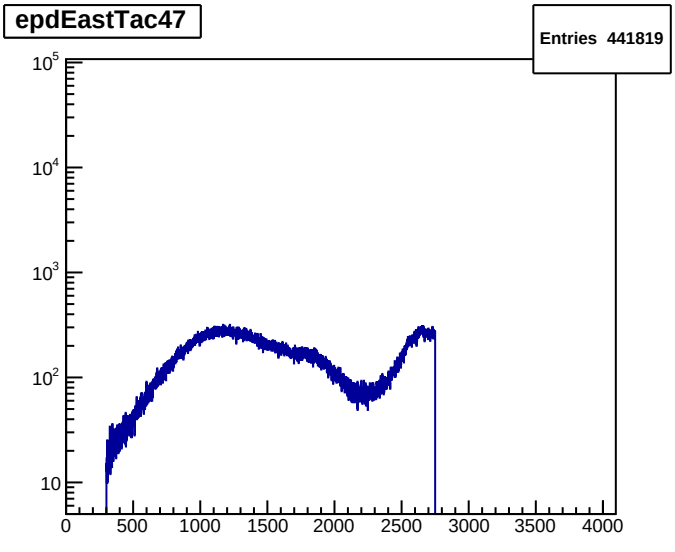
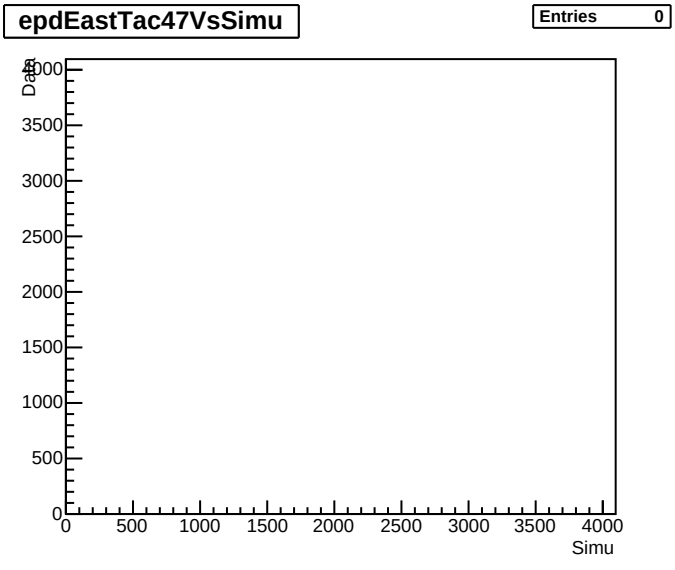
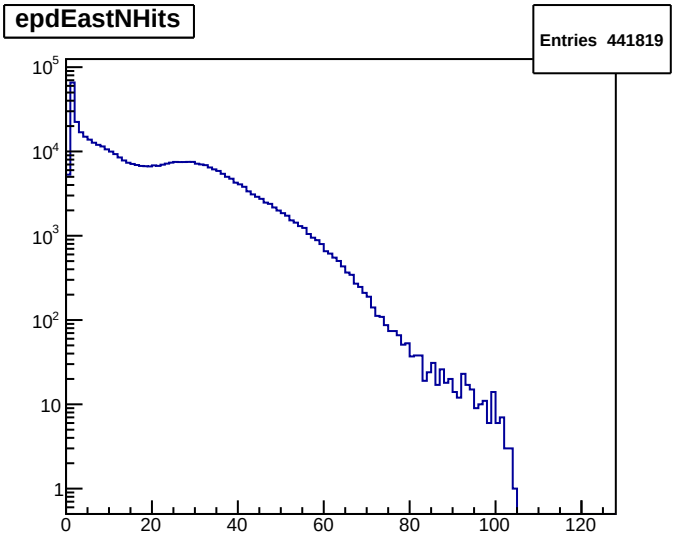
Entries 0
Data-Simu
DSM Input Channel

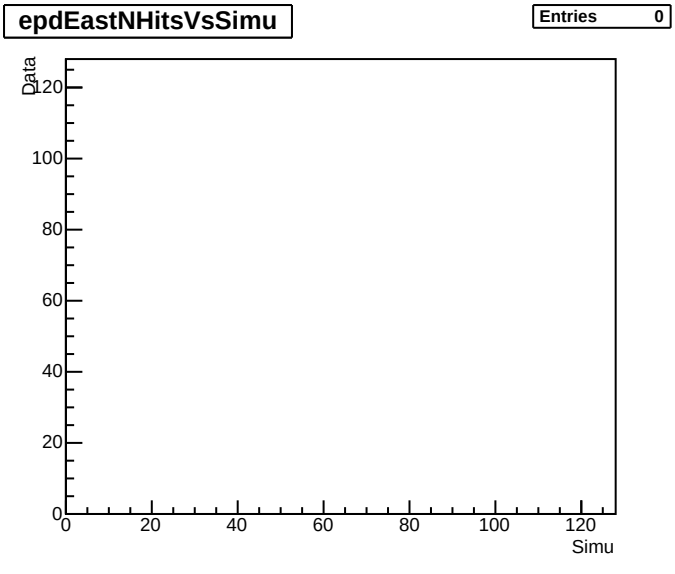

epdEastTac03
Entries 441819


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 441819


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 441819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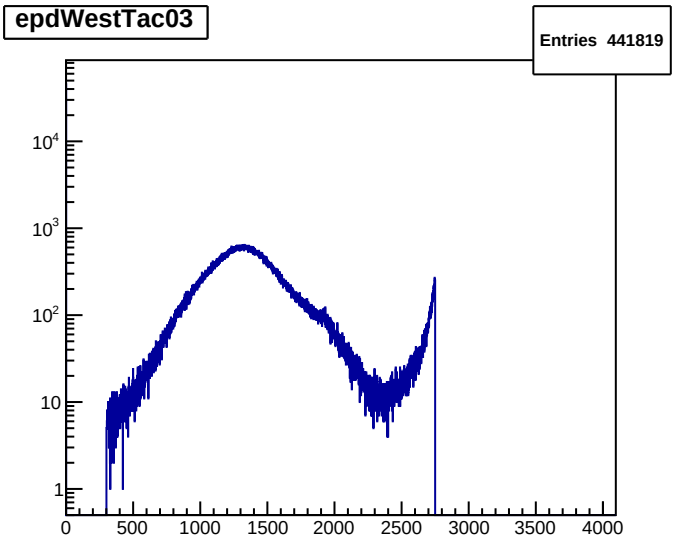
Entries 0
Data
Simu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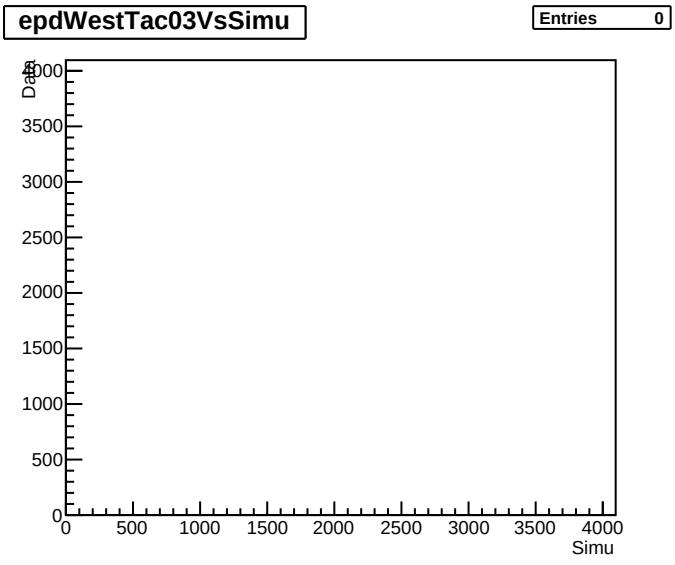
Entries 441819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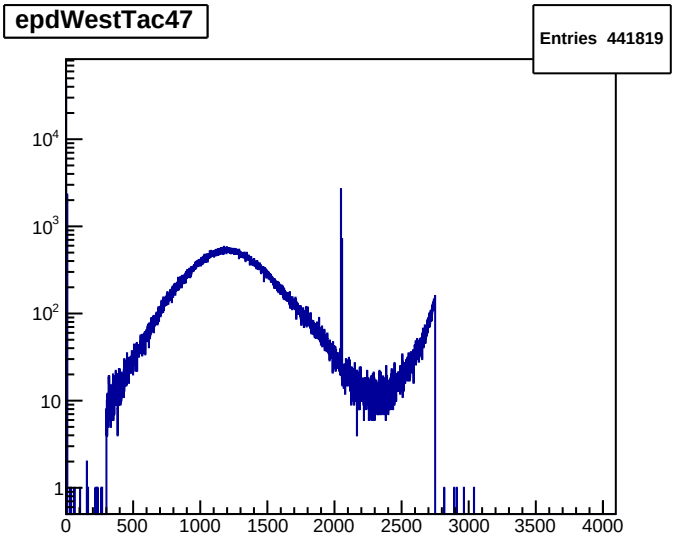
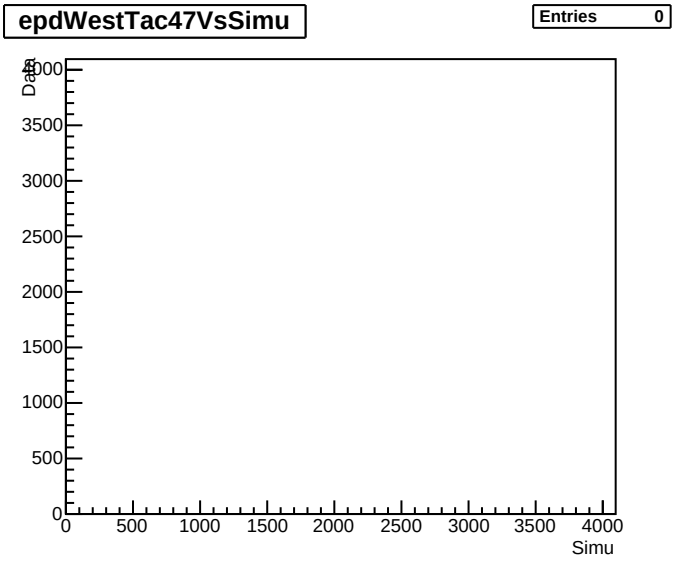
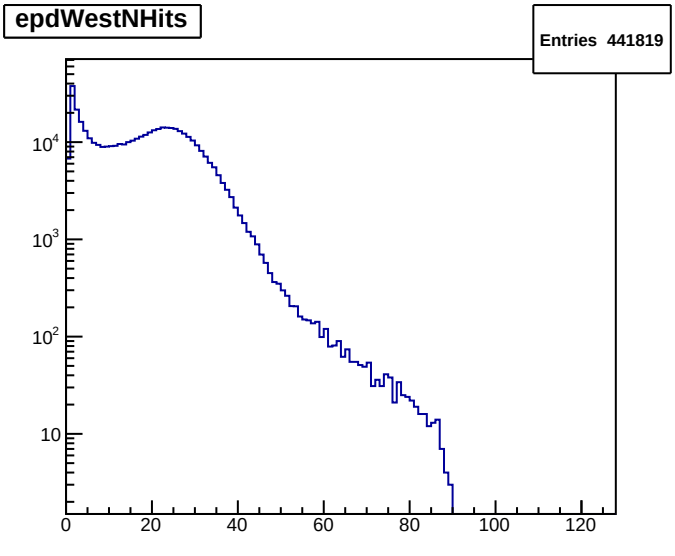
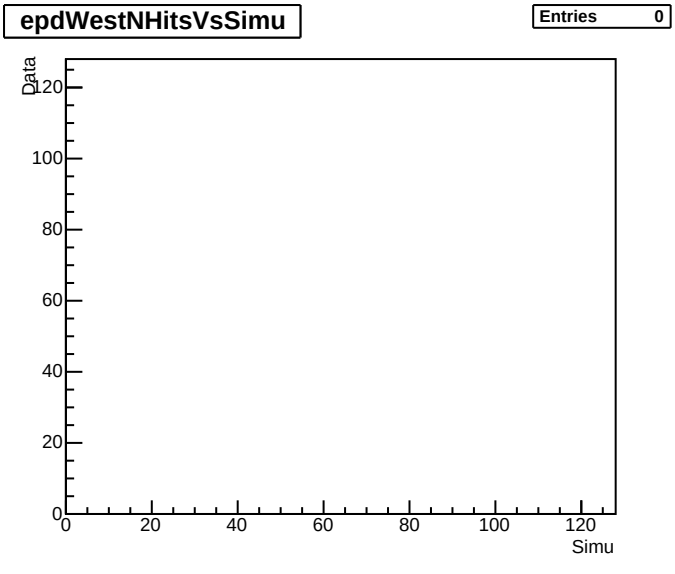
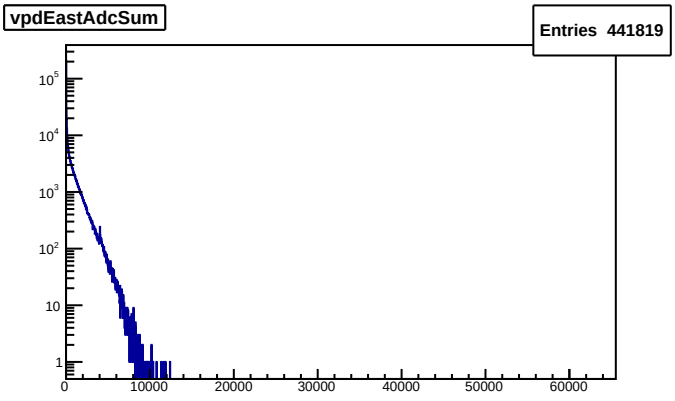
Entries 0
Data
Simu

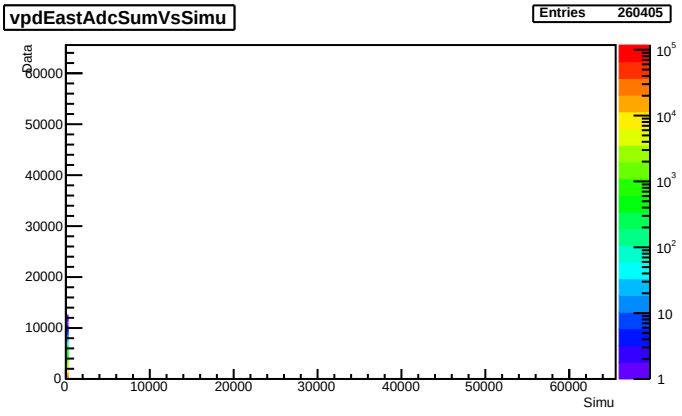

epdWestTac47
Entries 441819

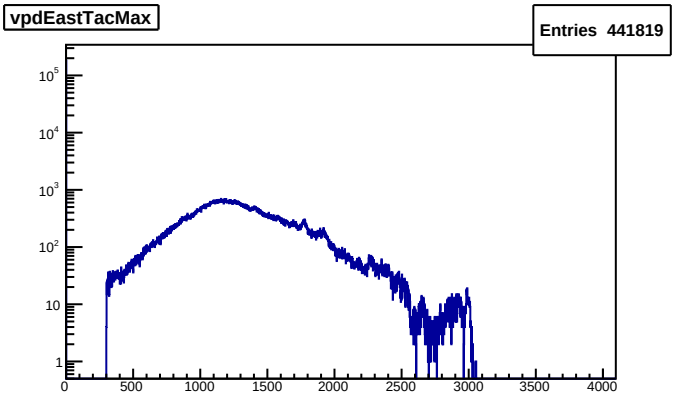

epdWestTac47VsSimu
Entries 0
Data
Simu

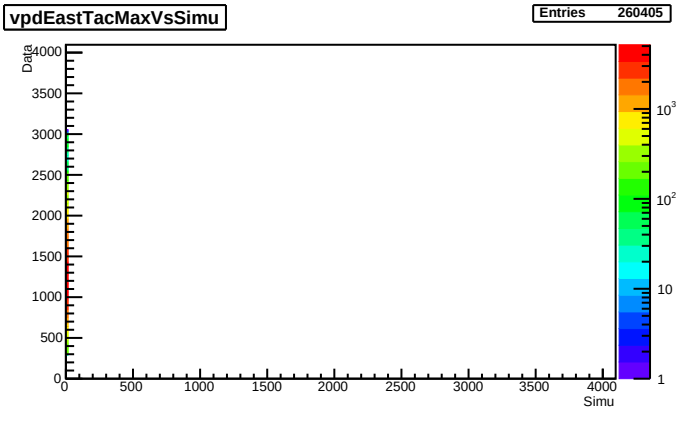

epdWestNHits
Entries 441819

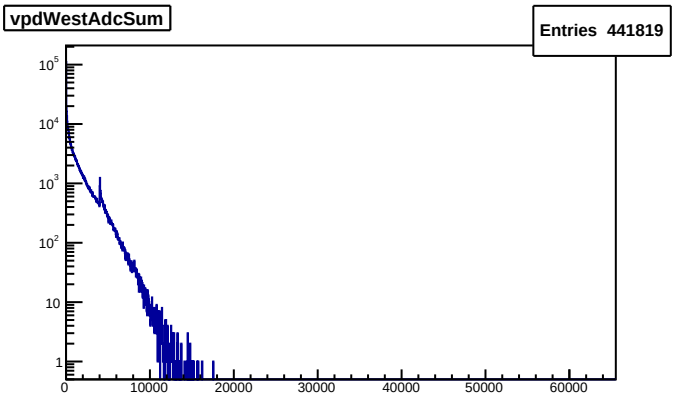

epdWestNHitsVsSimu
Entries 0
Data
Simu

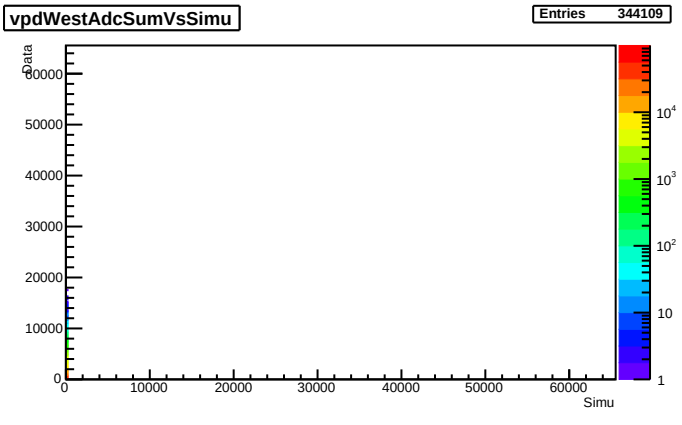

vpdEastAdcSum
Entries 441819

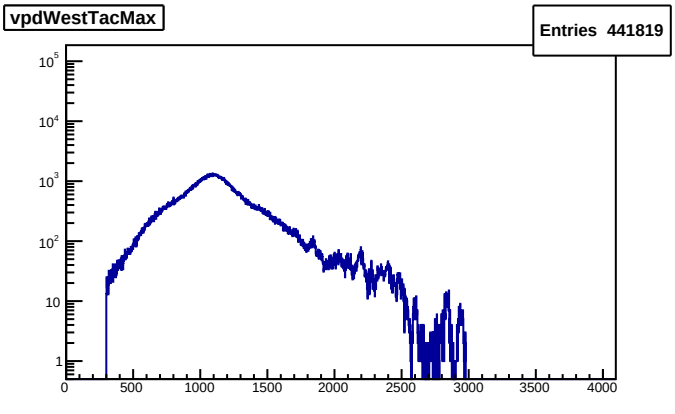

vpdEastAdcSumVsSimu
Entries 260405
Data
Simu

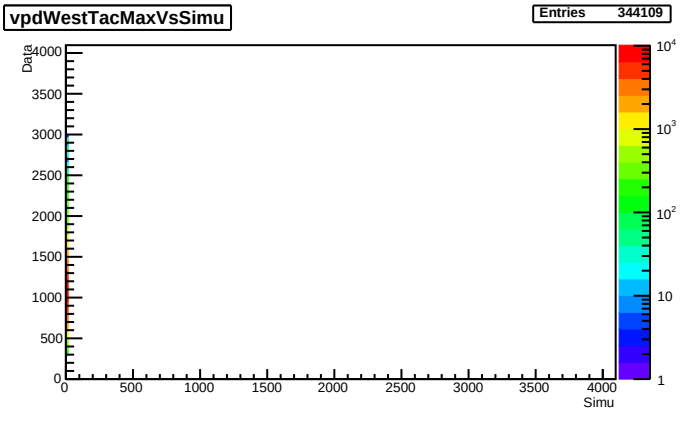

vpdEastTacMax
Entries 441819

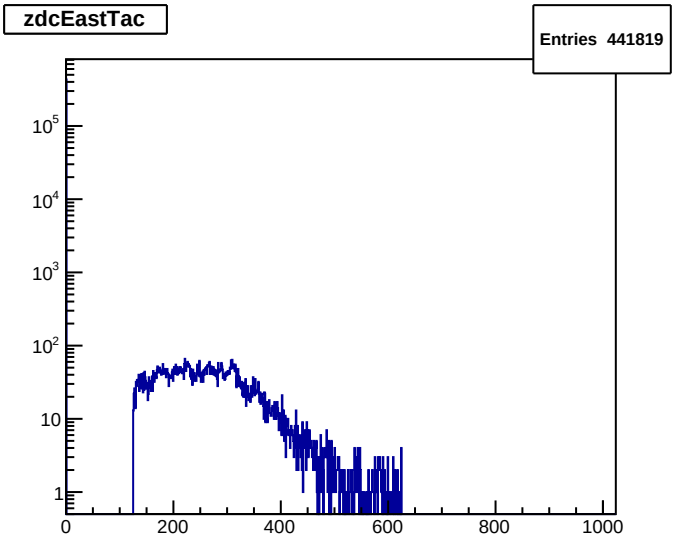

vpdEastTacMaxVsSimu
Entries 260405
Data
Simu

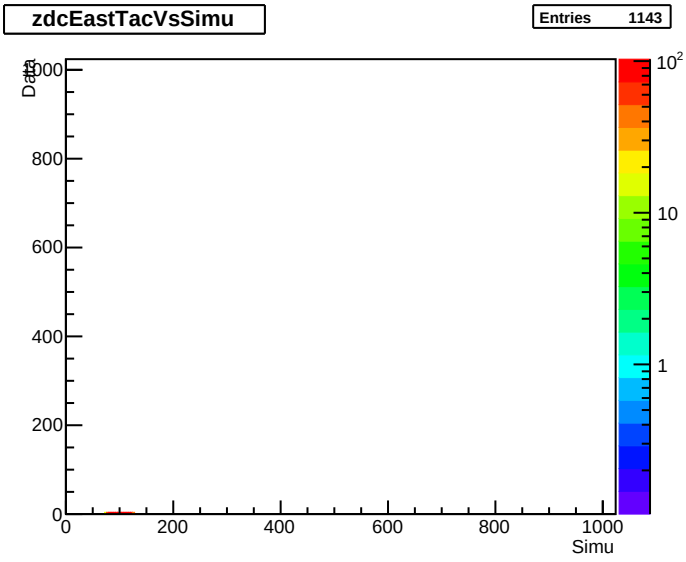

vpdWestAdcSum
Entries 441819

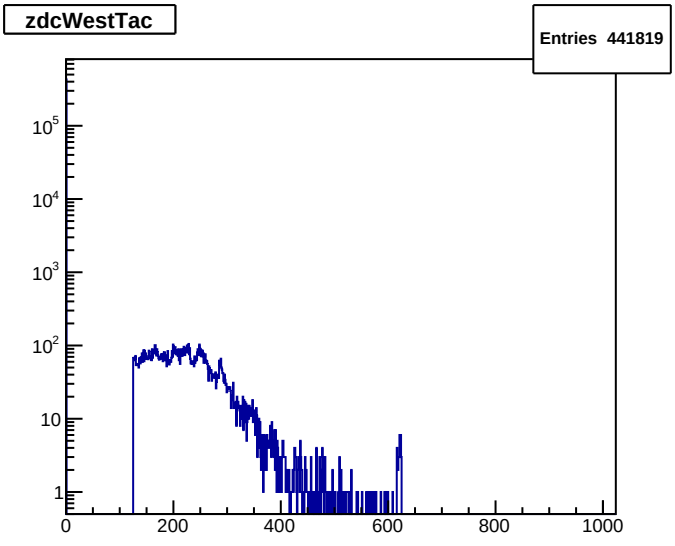

vpdWestAdcSumVsSimu
Entries 344109
Data
Simu

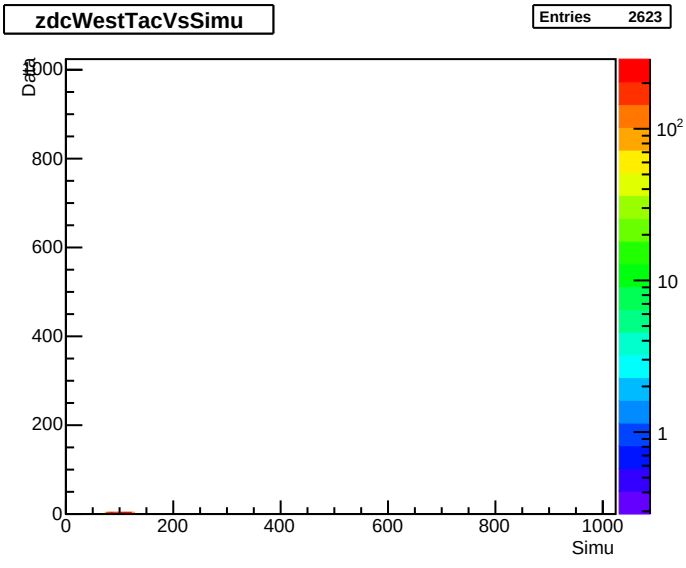

vpdWestTacMax
Entries 441819

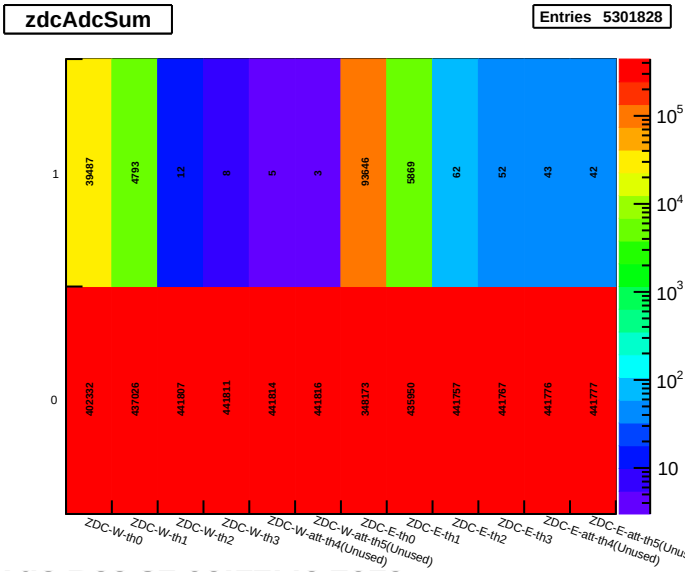

vpdWestTacMaxVsSimu
Entries 344109
Data
Simu

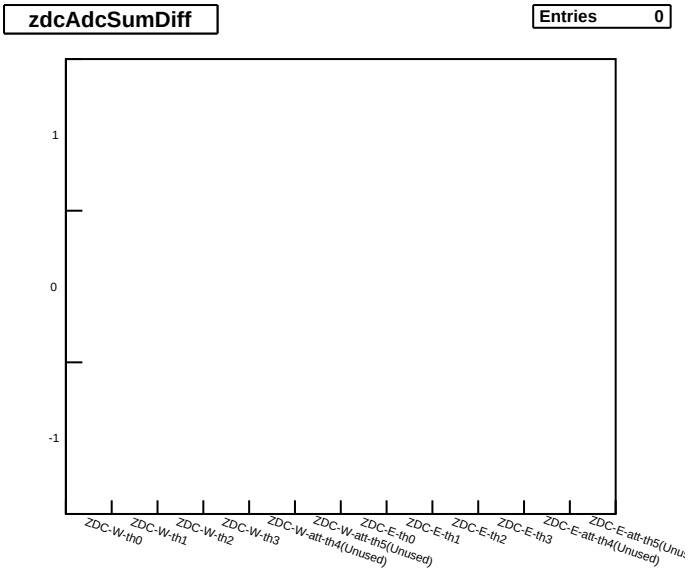

zdcEastTac
Entries 441819

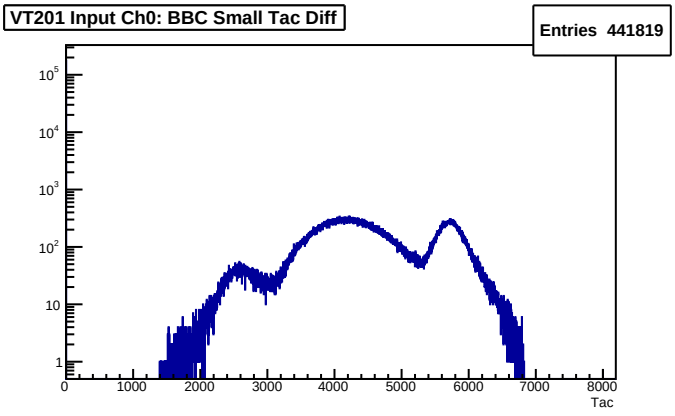

zdcEastTacVsSimu
Entries 1143
Data
Simu

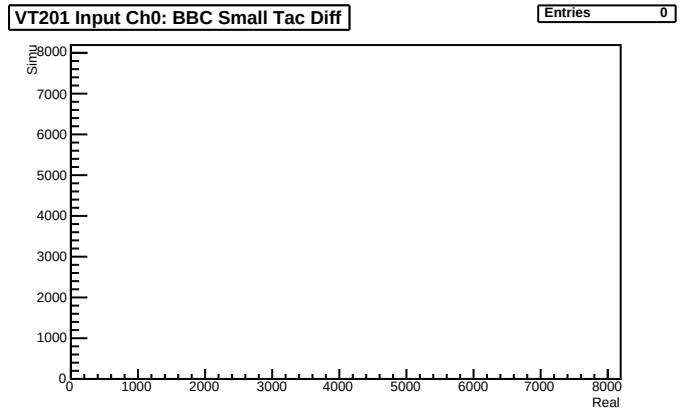

zdcWestTac
Entries 441819

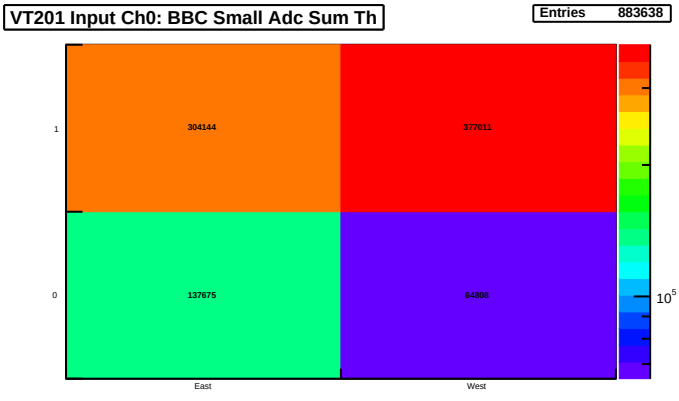

zdcWestTacVsSimu
Entries 2623
Data
Simu

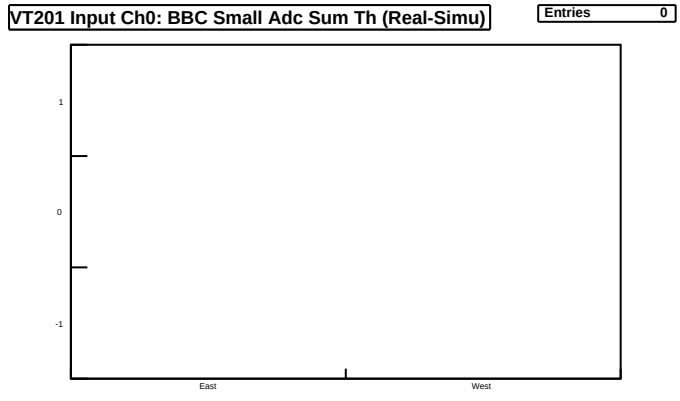

zdcAdcSum
Entries 5301828
39487
4793
12
8
5
3
93646
5869
62
52
43
42
402332
437026
441807
441811
441814
441816
348173
435860
441757
441767
441776
441777
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

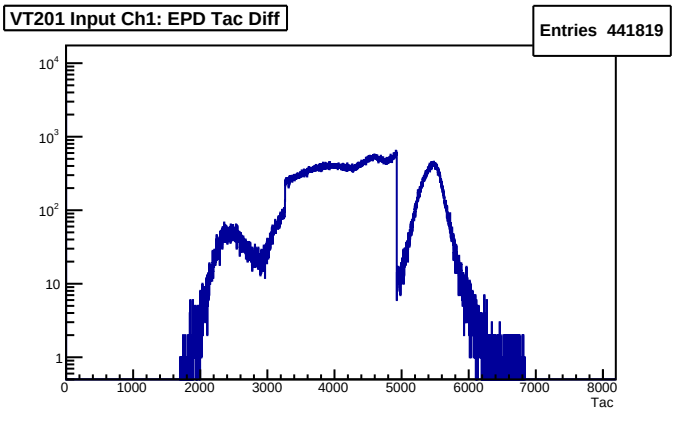

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

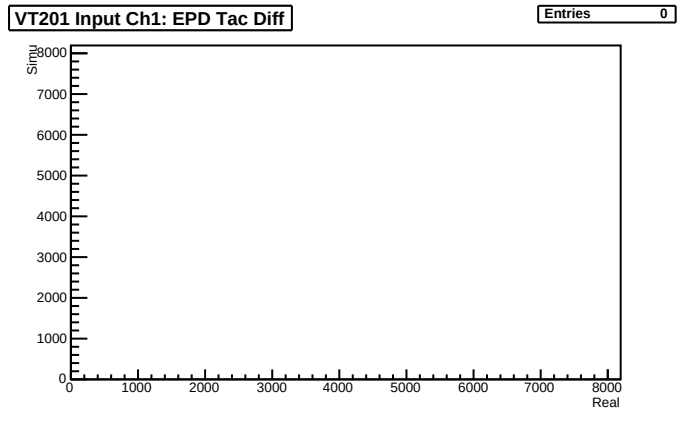

VT201 Input Ch0: BBC Small Tac Diff
Entries 441819
Tac

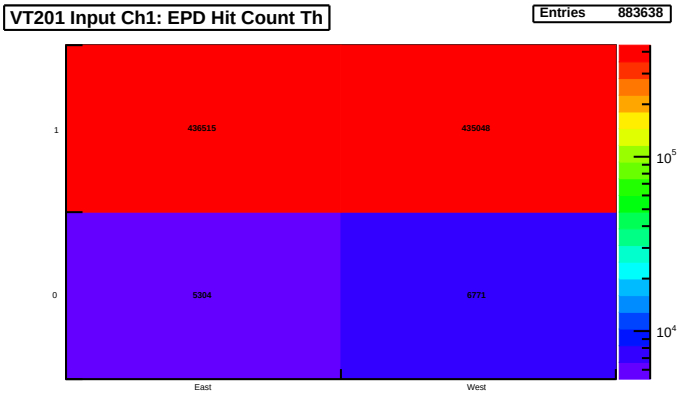

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

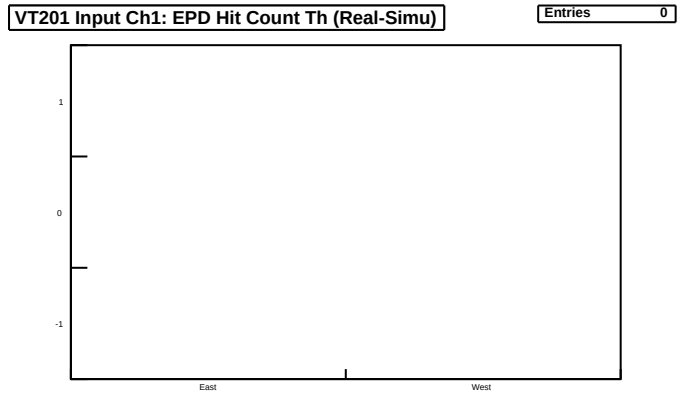

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 883638
304144
377011
137675
64808
East
West

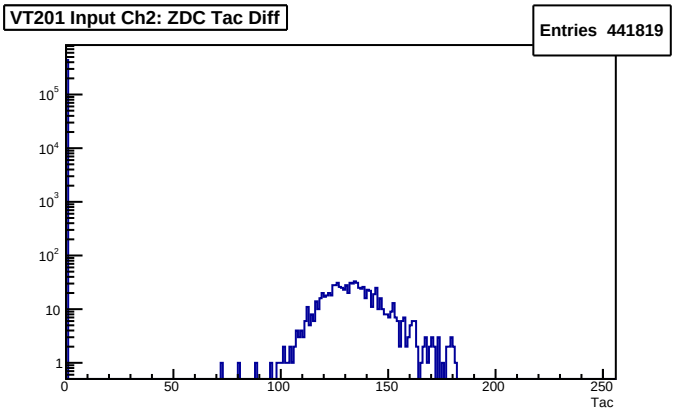

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

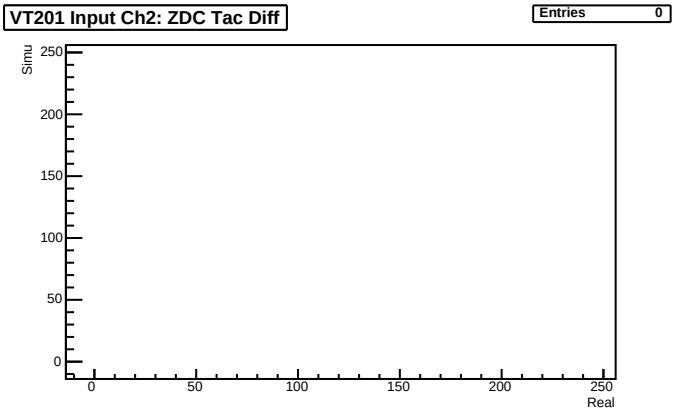

VT201 Input Ch1: EPD Tac Diff
Entries 441819
Tac

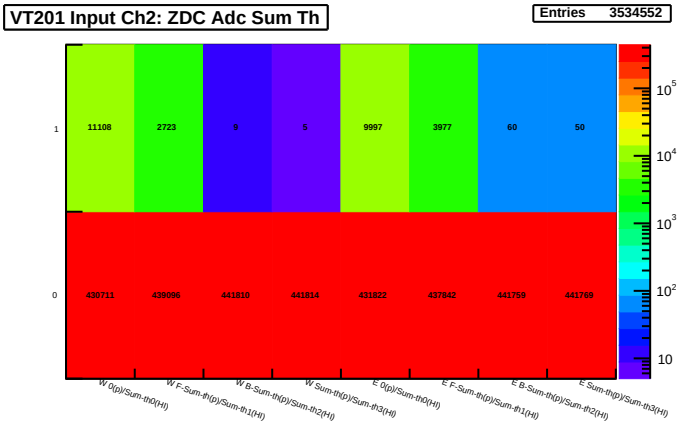

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

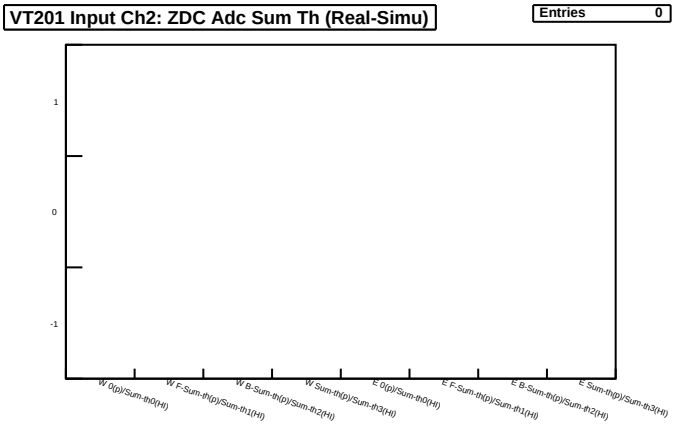

VT201 Input Ch1: EPD Hit Count Th
Entries 883638
436515
435048
5304
6771
East
West

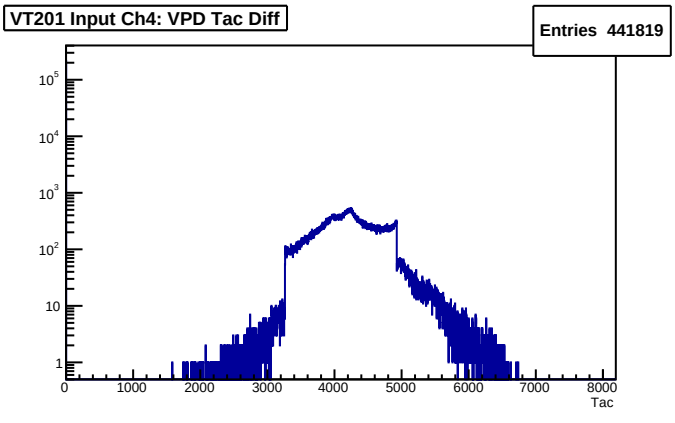

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

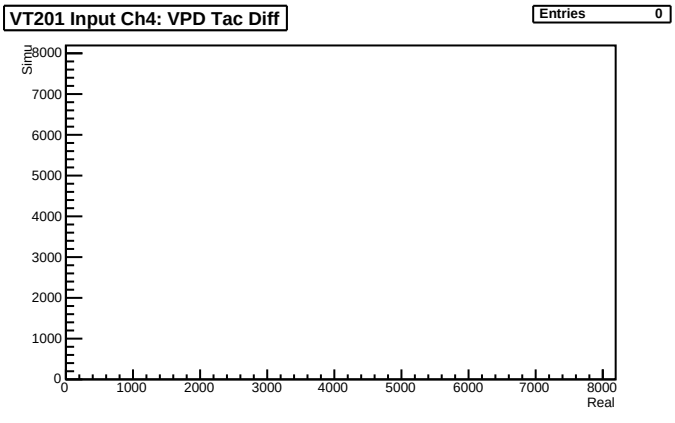

VT201 Input Ch2: ZDC Tac Diff
Entries 441819
Tac

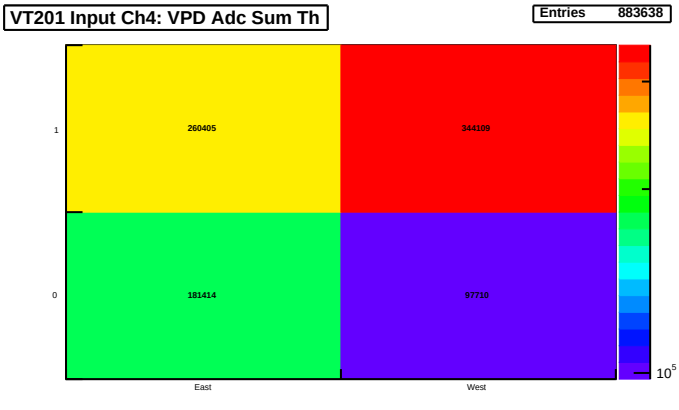

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

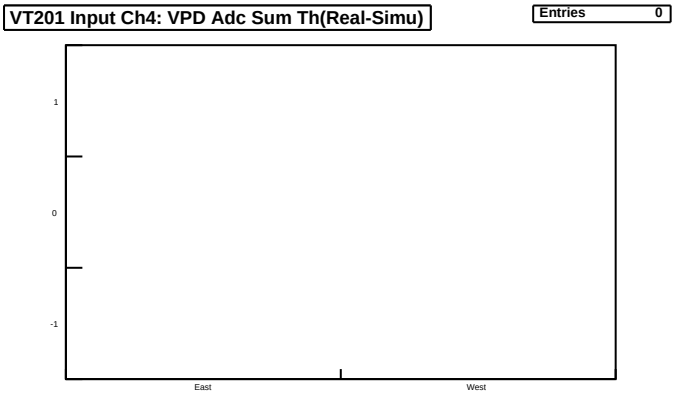

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3534552
11108
2723
9
5
9997
3977
60
50
430711
439096
441810
441814
431822
437642
441759
441769
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

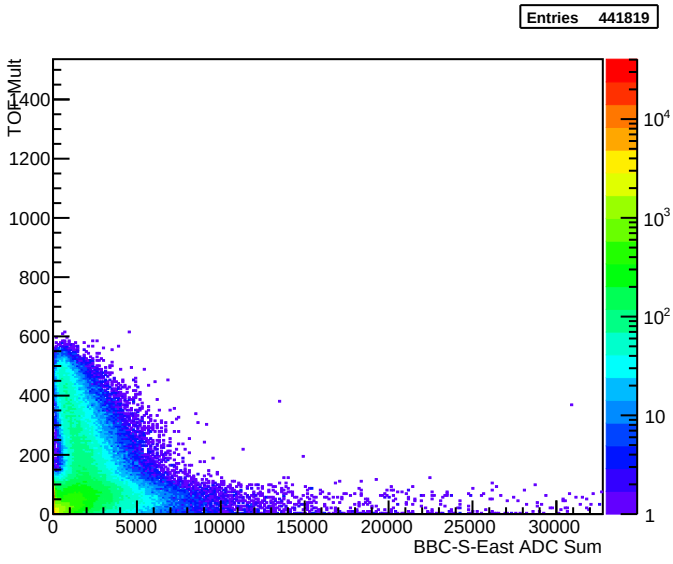

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

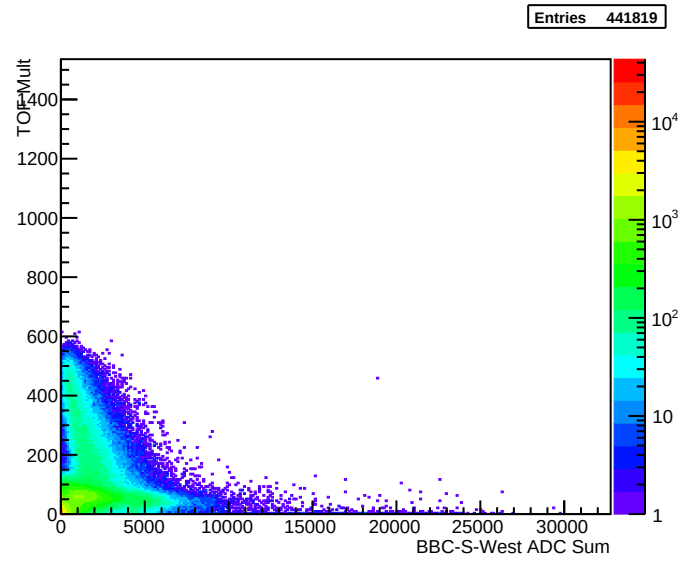

VT201 Input Ch4: VPD Tac Diff
Entries 441819
Tac

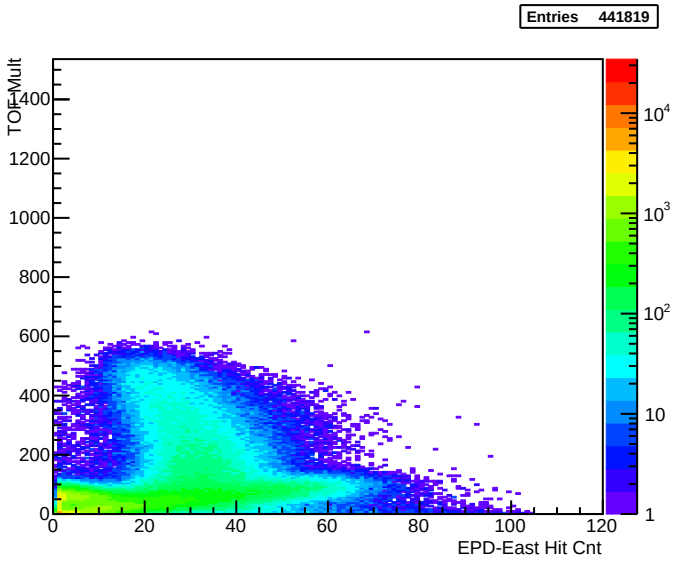

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

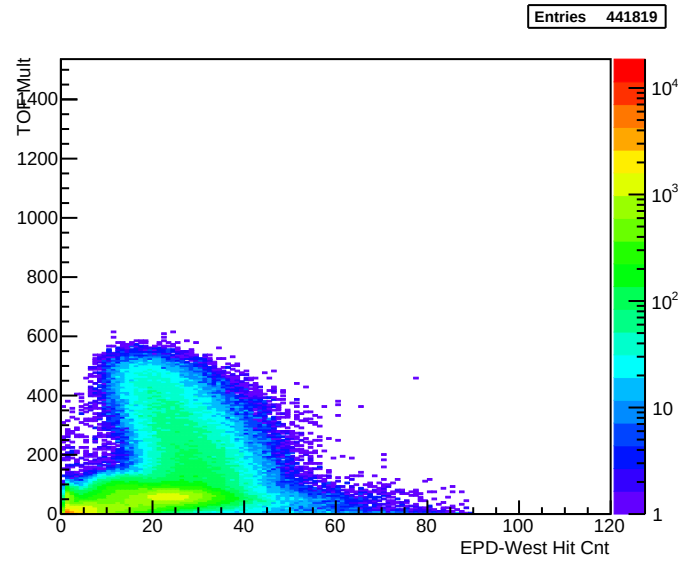

VT201 Input Ch4: VPD Adc Sum Th
Entries 883638
260405
344109
181414
97710
East
West

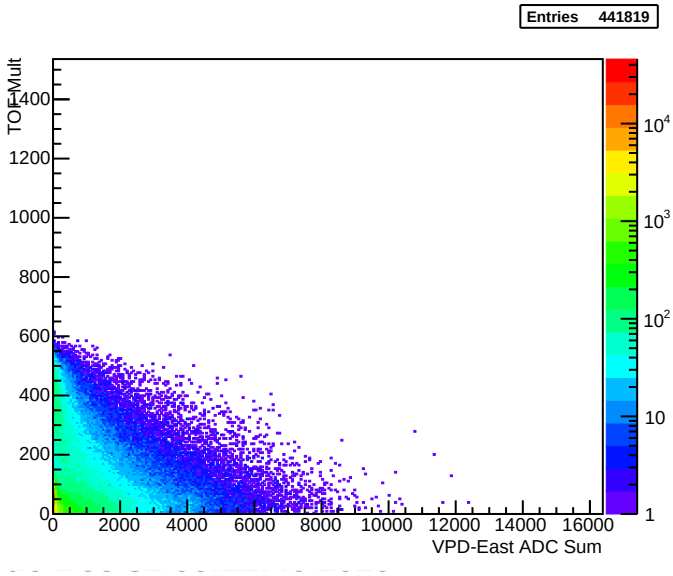

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

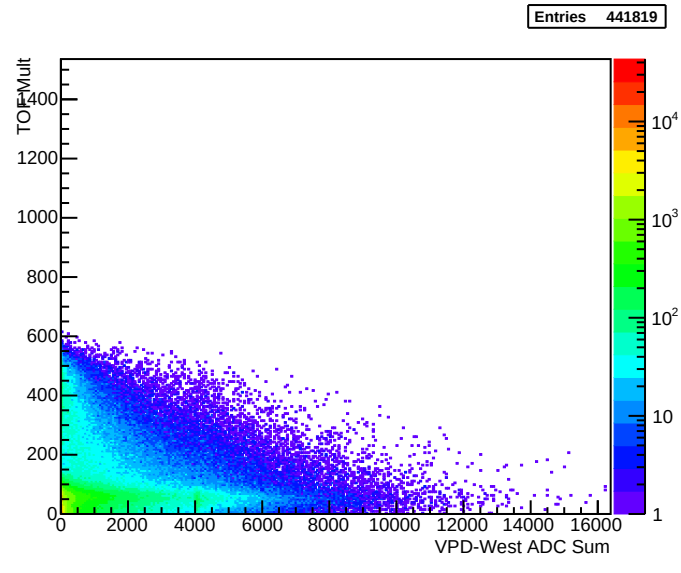

Entries 441819
TOF-Mult
BBC-S-East ADC Sum

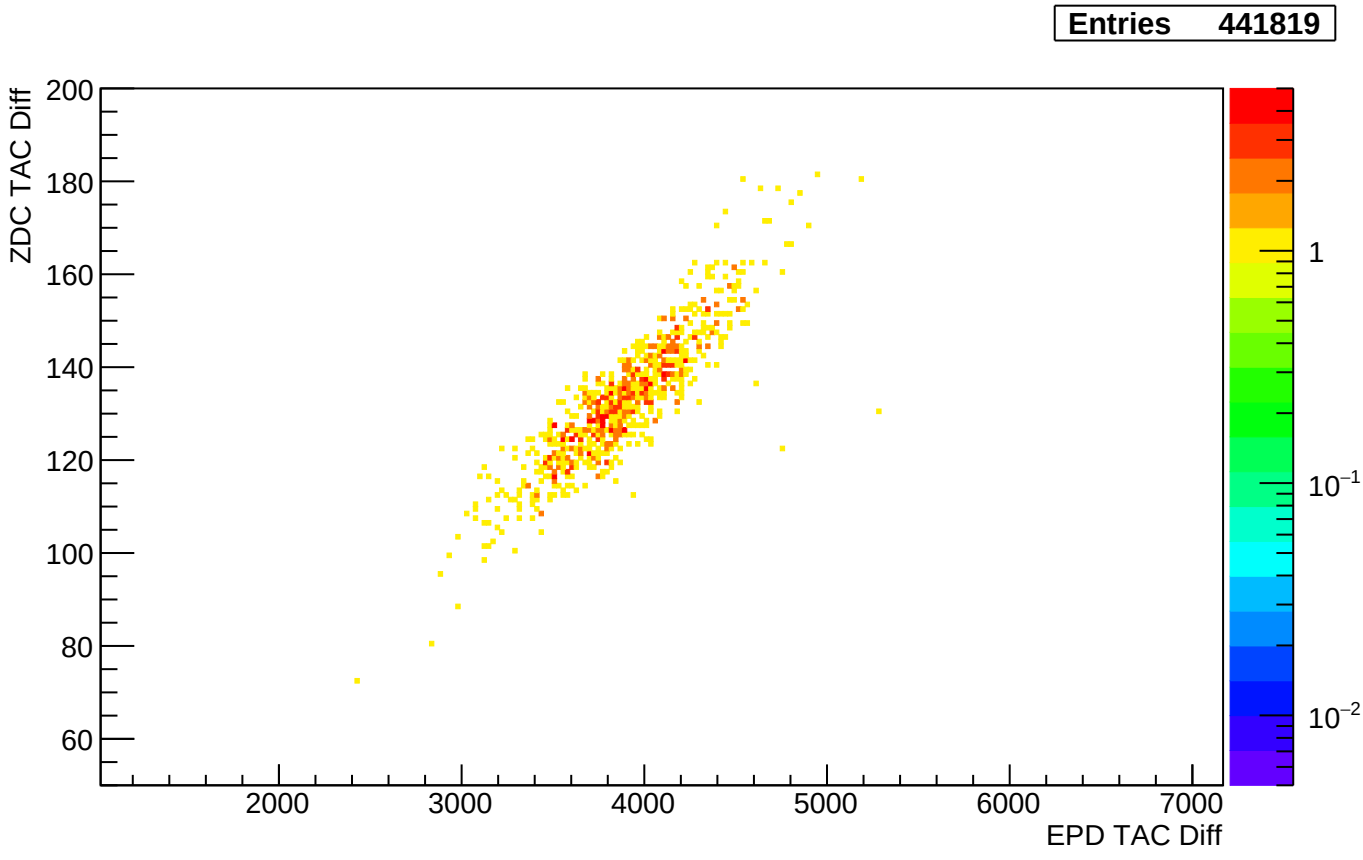

Entries 441819
TOF-Mult
BBC-S-West ADC Sum

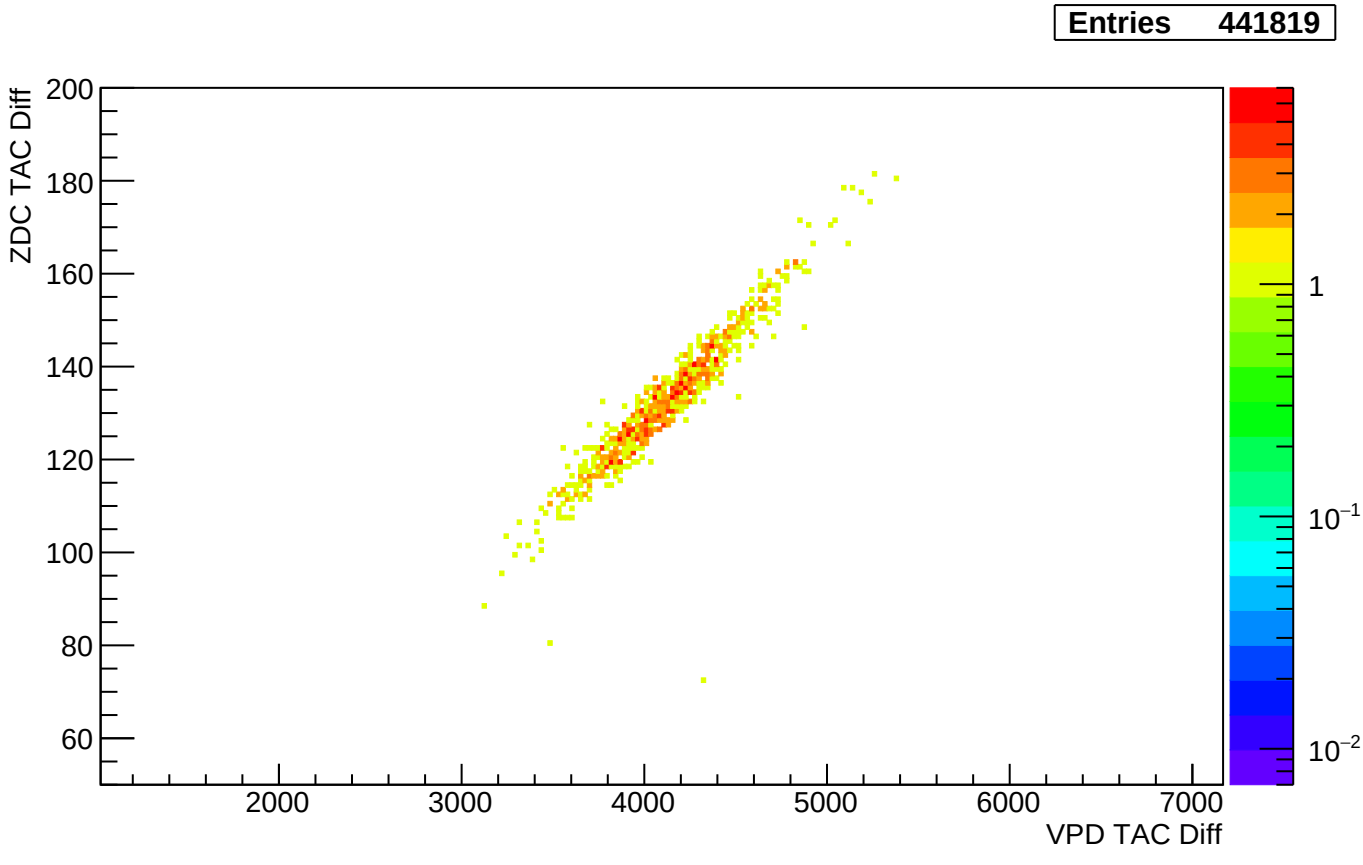

Entries 441819
TOF-Mult
EPD-East Hit Cnt

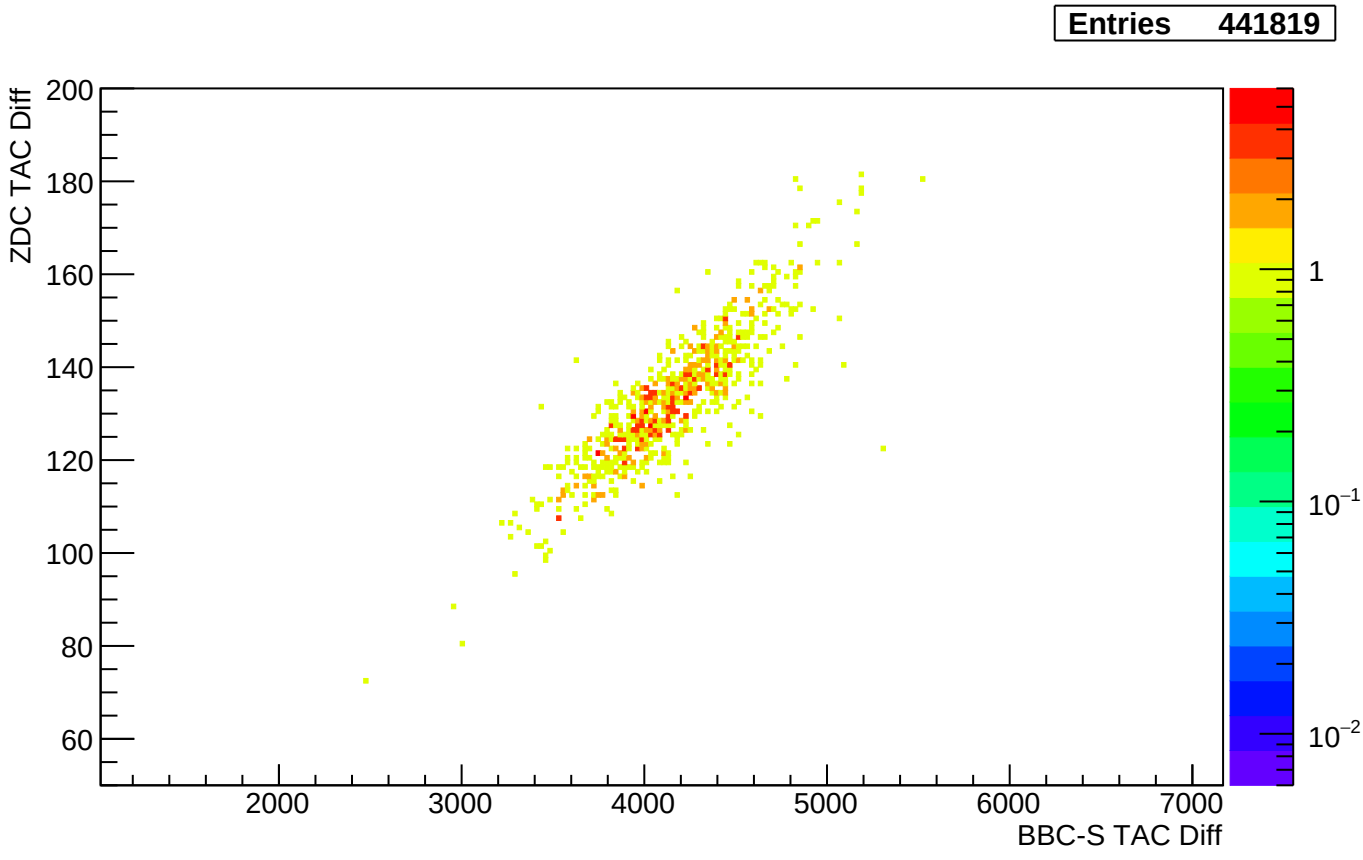

Entries 441819
TOF-Mult
EPD-West Hit Cnt

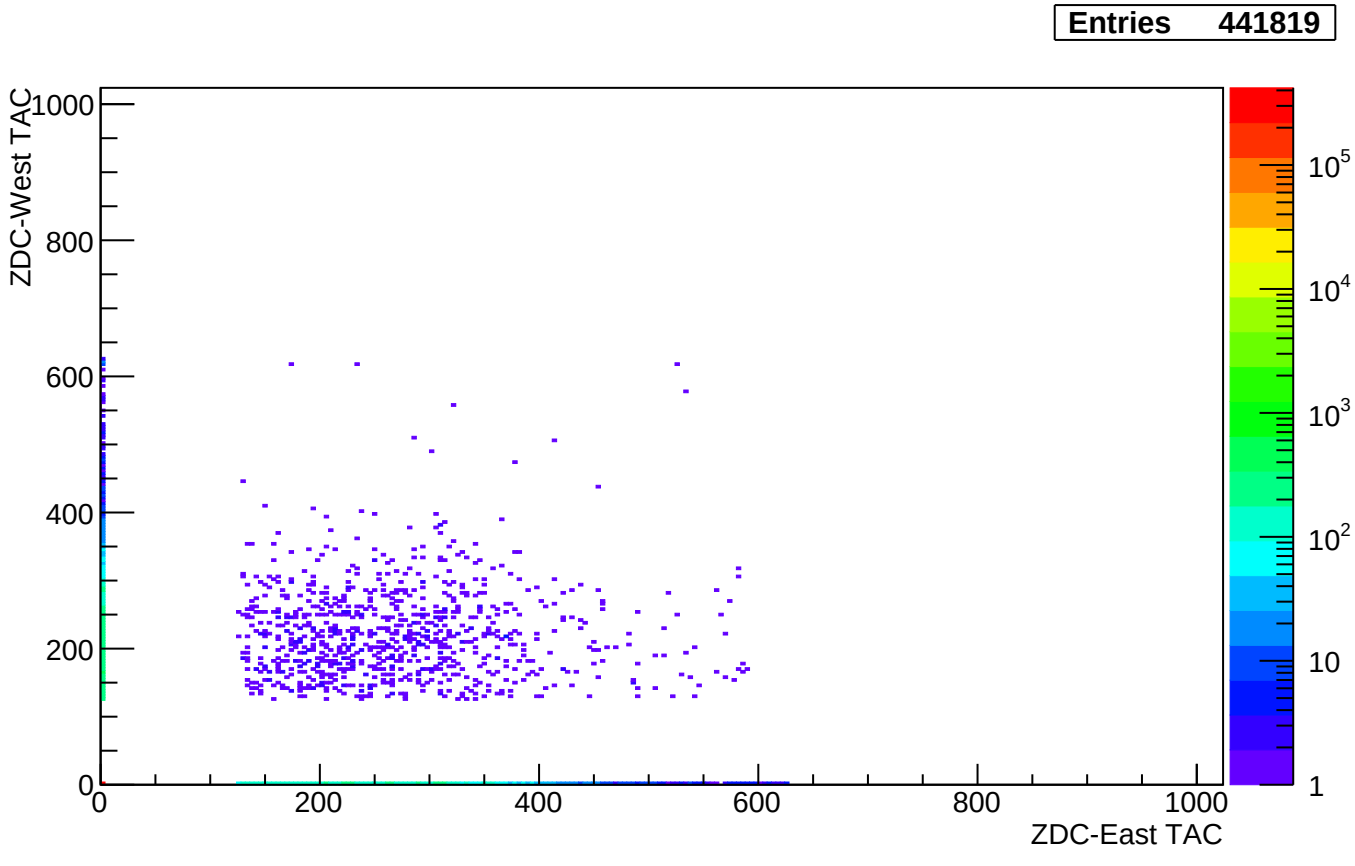

Entries 441819
TOF-Mult
VPD-East ADC Sum

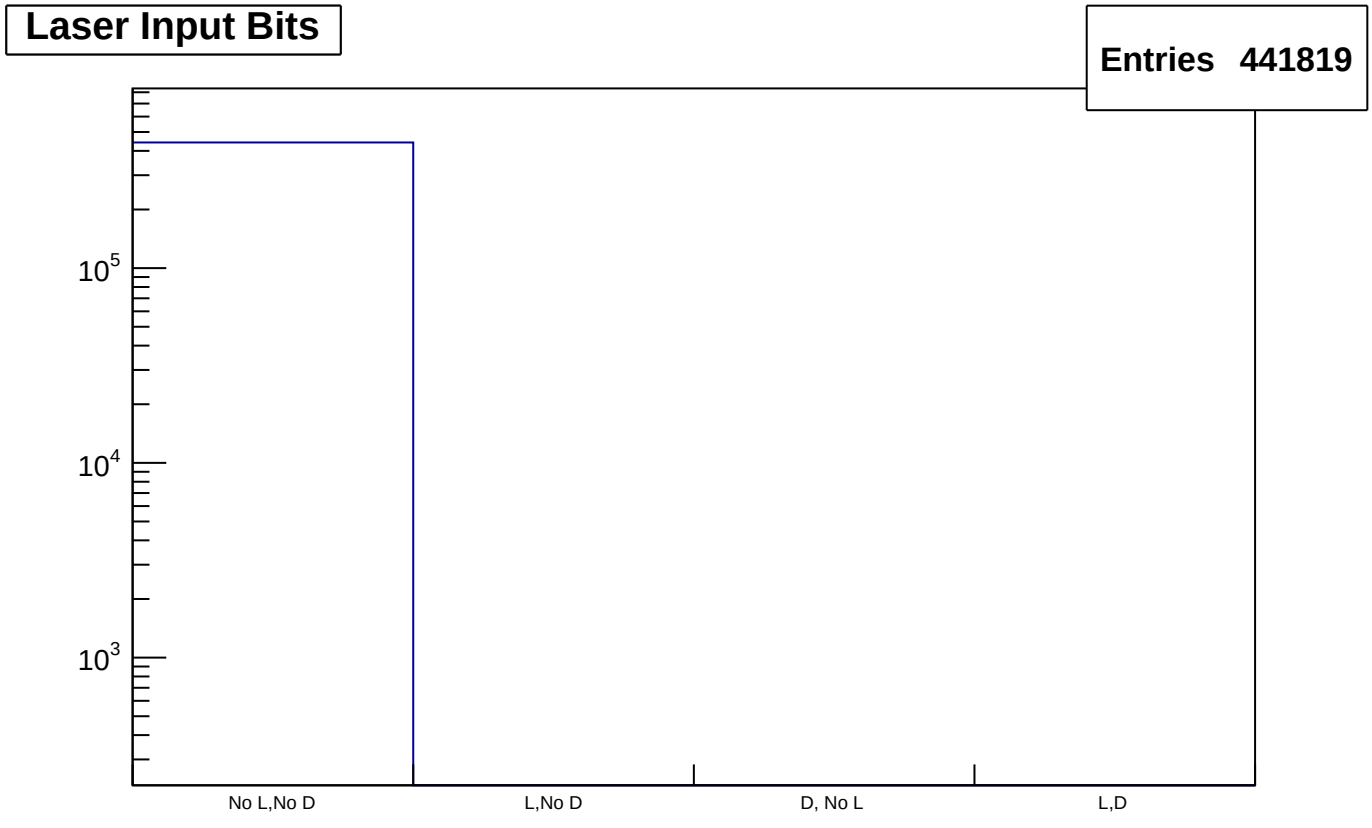

Entries 441819
TOF-Mult
VPD-West ADC Sum

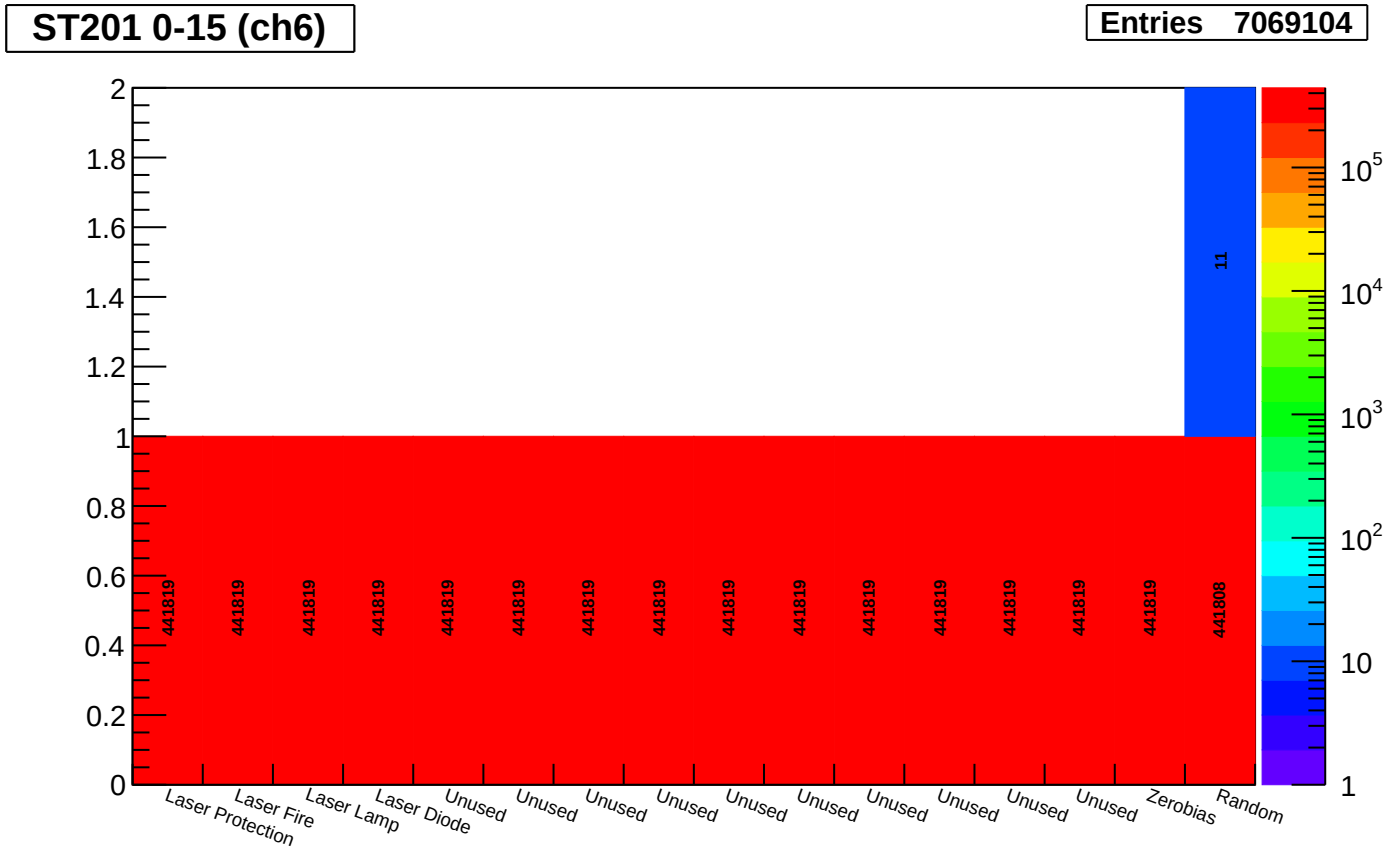

Entries 441819
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

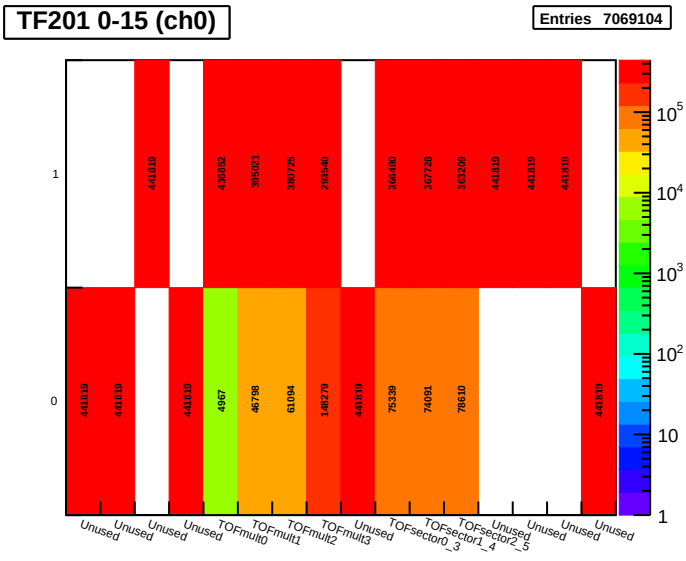

Entries 441819
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

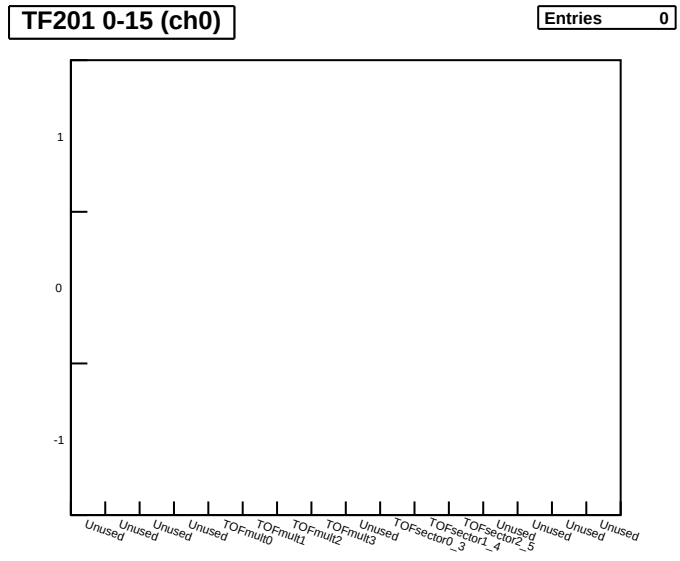

Entries 441819
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

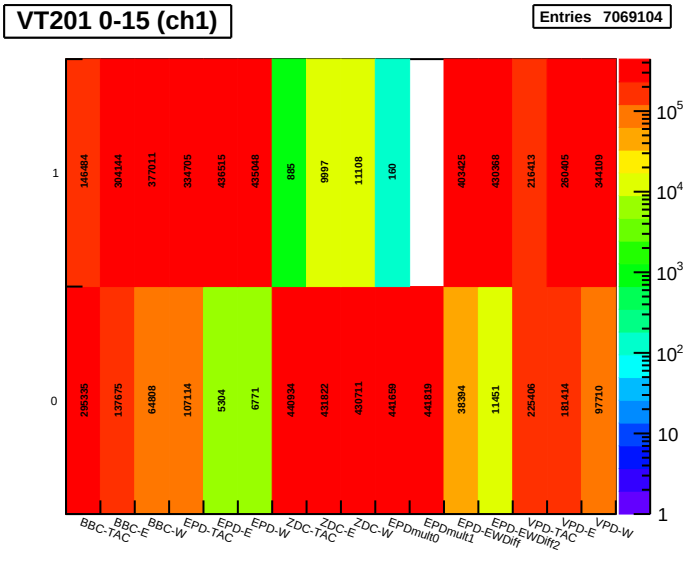

Entries 441819
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

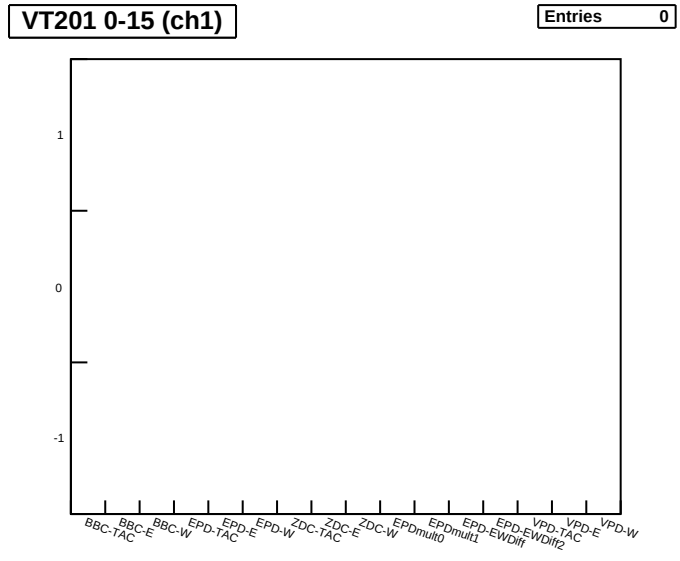

Laser Input Bits
Entries 441819
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

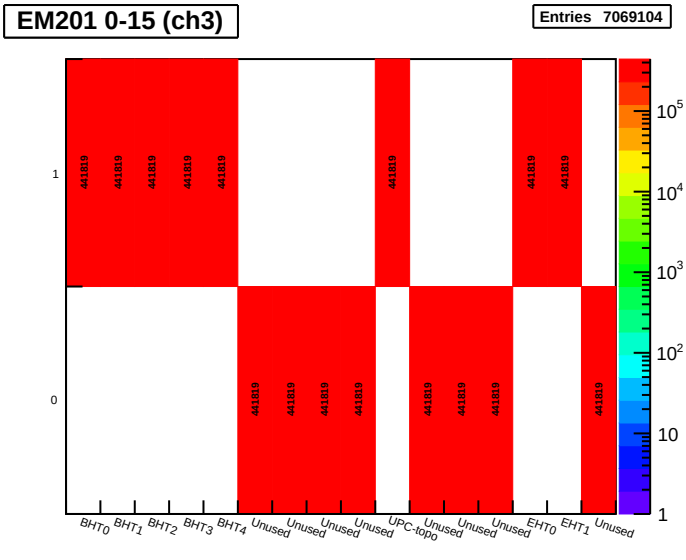

ST201 0-15 (ch6)
Entries 7069104
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
441819
441808
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1










EM201 0-15 (ch3)
Entries 7069104
1
0
441819
441819
441819
441819
441819
441819
441819