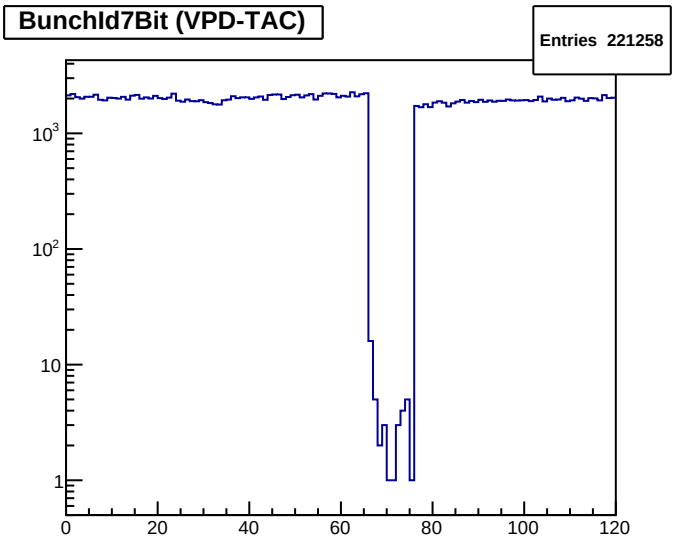
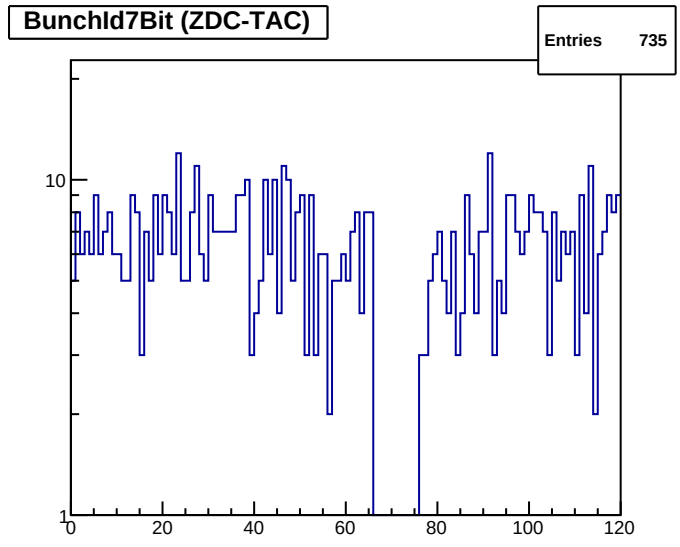
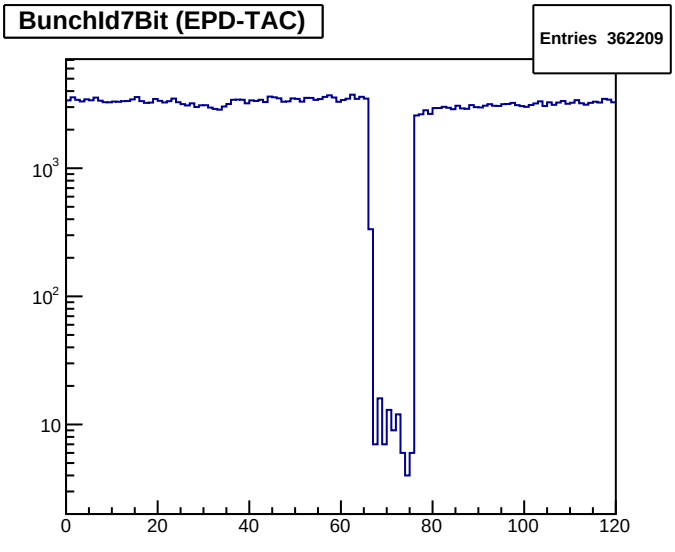
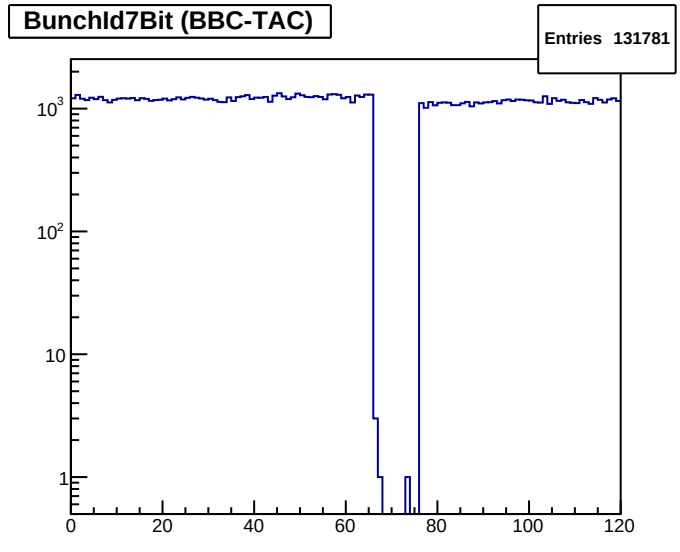
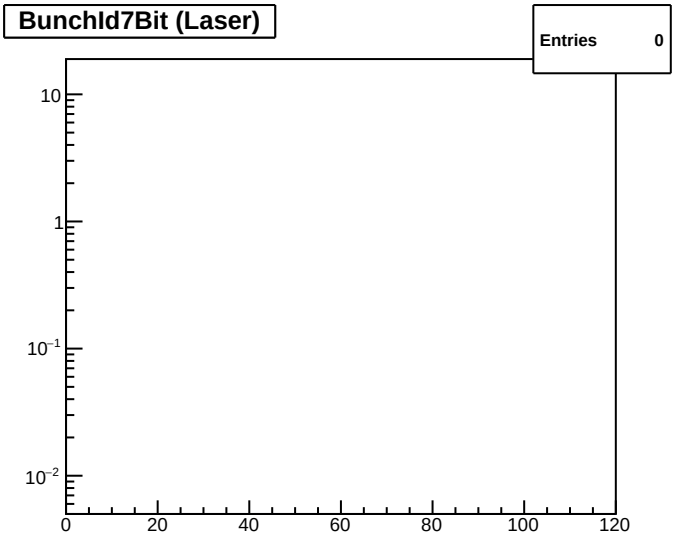
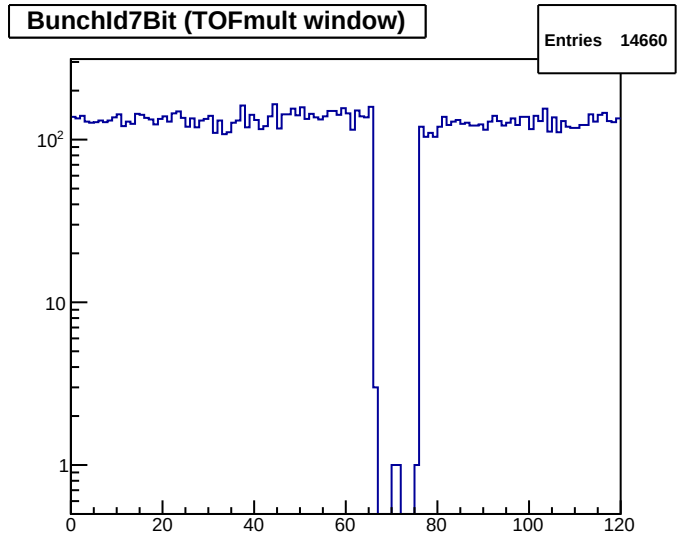

BunchId7Bit (VPD-TAC)
Entries 221258

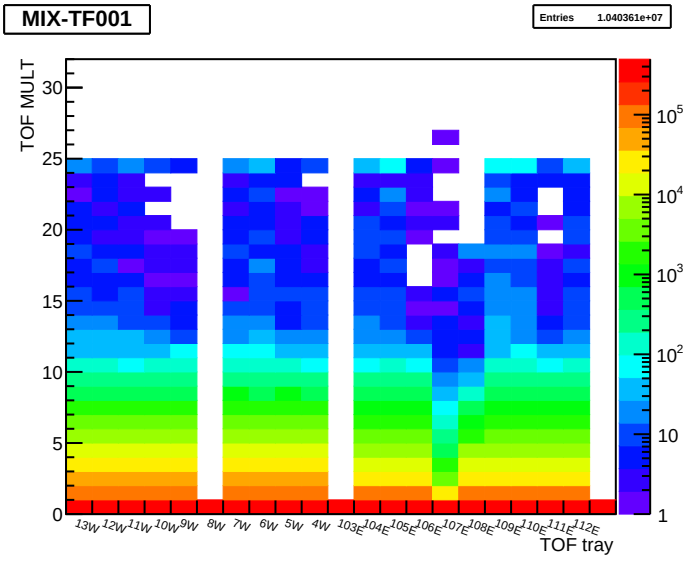

BunchId7Bit (ZDC-TAC)
Entries 735

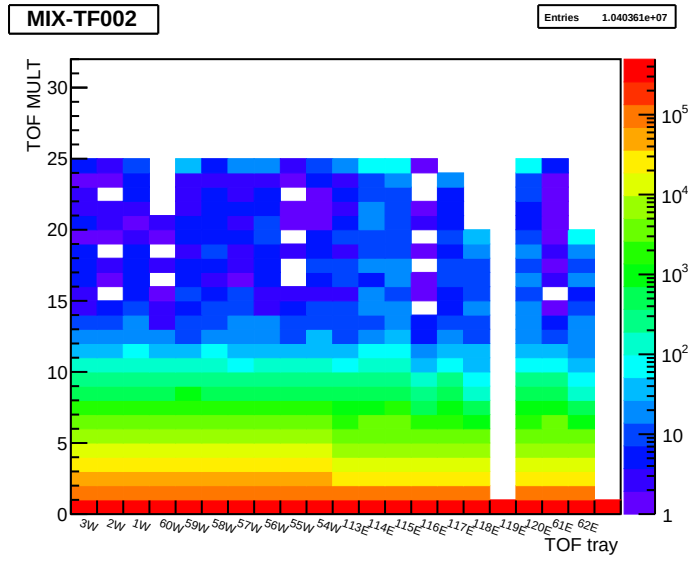

BunchId7Bit (EPD-TAC)
Entries 362209

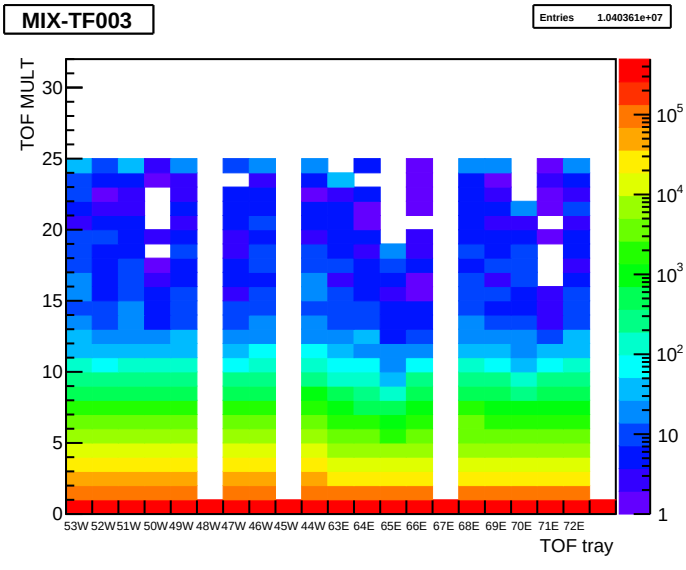

BunchId7Bit (BBC-TAC)
Entries 131781

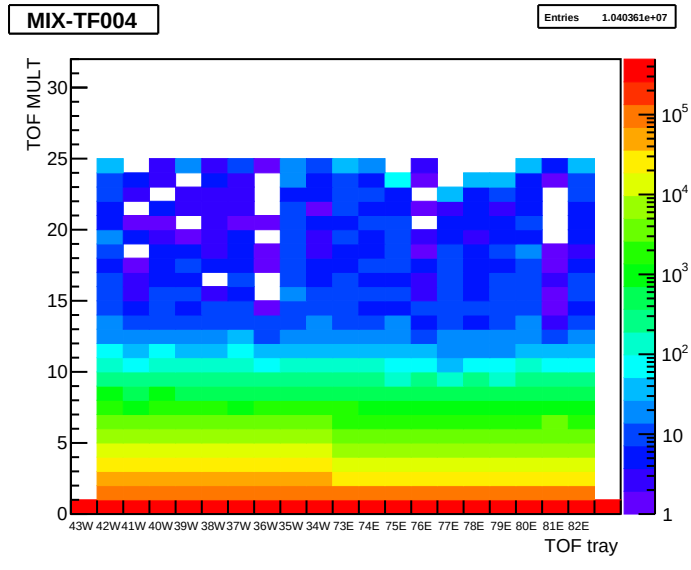

BunchId7Bit (Laser)
Entries 0

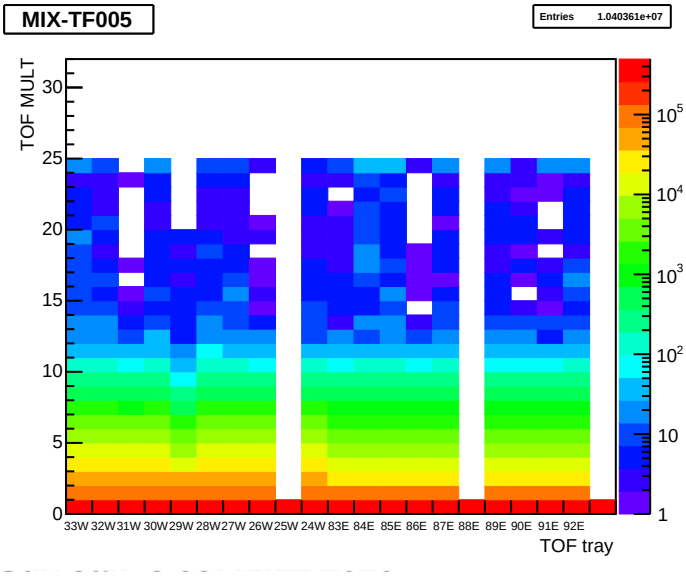

BunchId7Bit (TOFmult window)
Entries 14660

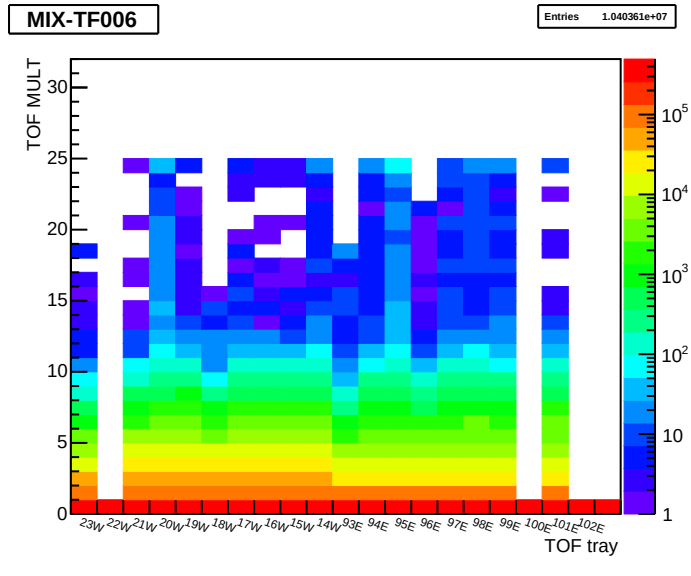

MIX-TF001
Entries 1.040361e+07
TOF MULT
TOF tray

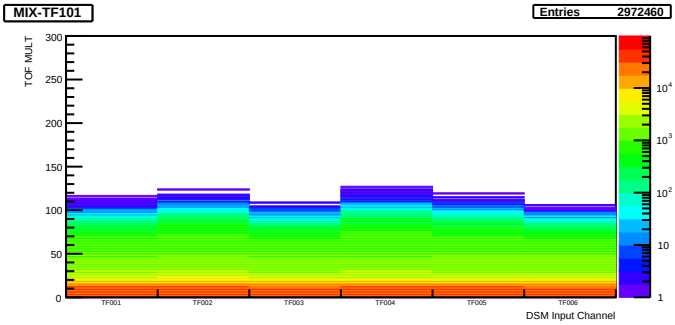

MIX-TF002
Entries 1.040361e+07
TOF MULT
TOF tray

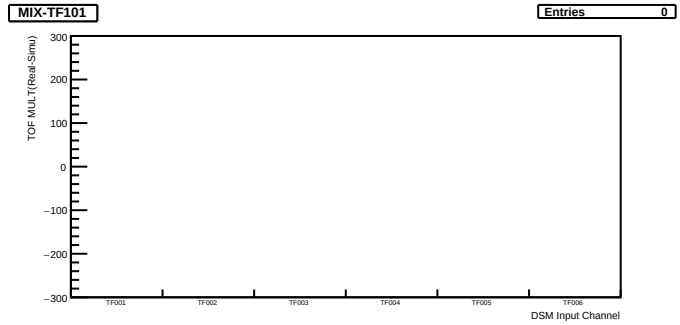

MIX-TF003
Entries 1.040361e+07
TOF MULT
TOF tray

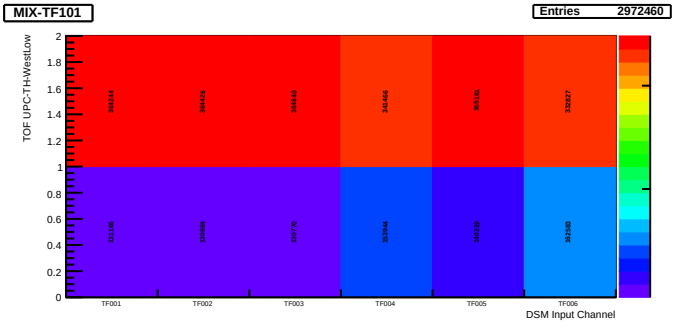

MIX-TF004
Entries 1.040361e+07
TOF MULT
TOF tray

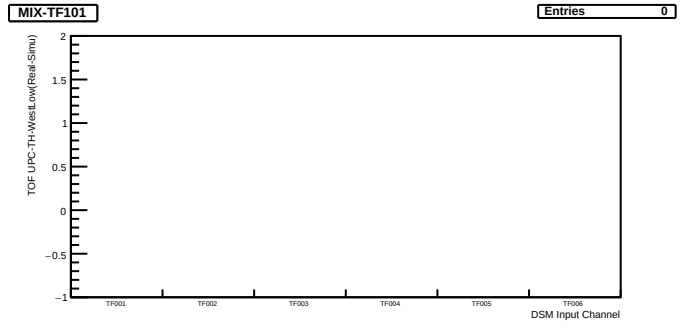

MIX-TF005
Entries 1.040361e+07
TOF MULT
TOF tray

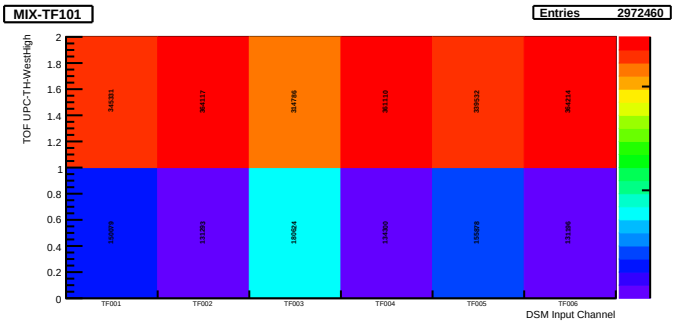

MIX-TF006
Entries 1.040361e+07
TOF MULT
TOF tray

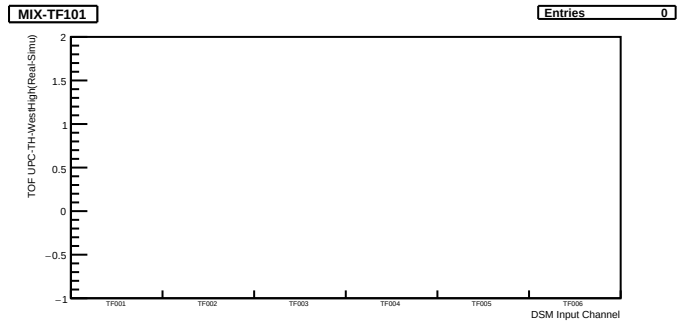

MIX-TF101
Entries 2972460
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

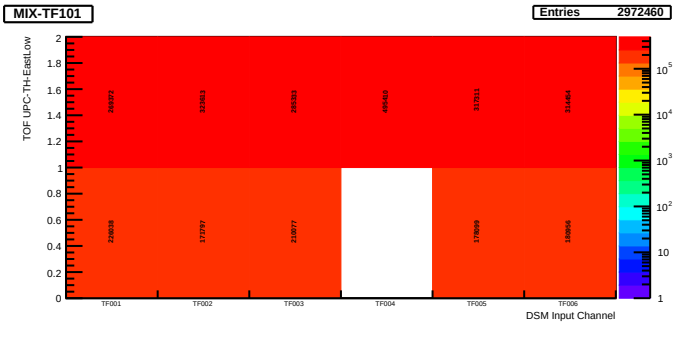

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

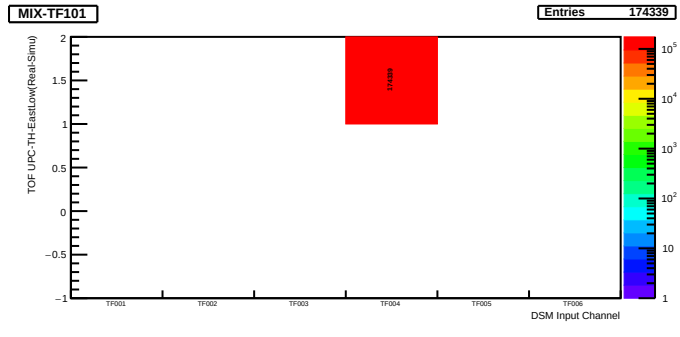

MIX-TF101
Entries 2972460
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

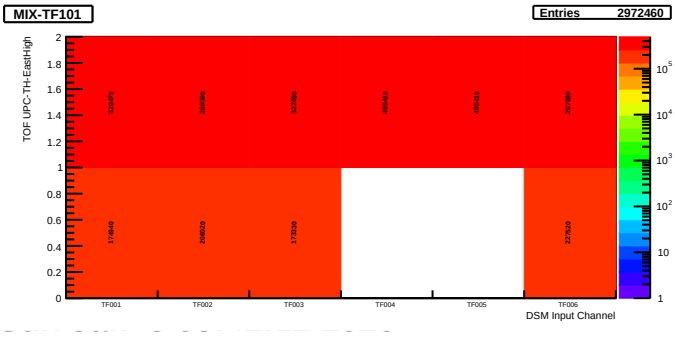

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

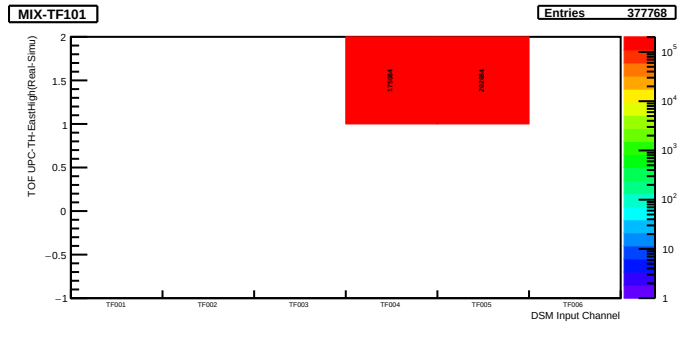

MIX-TF101
Entries 2972460
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

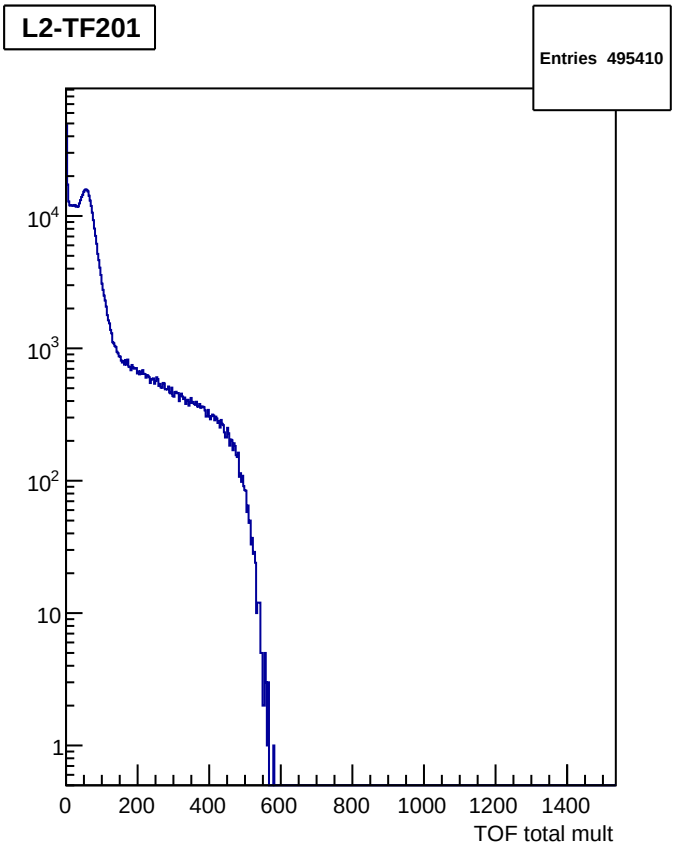

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

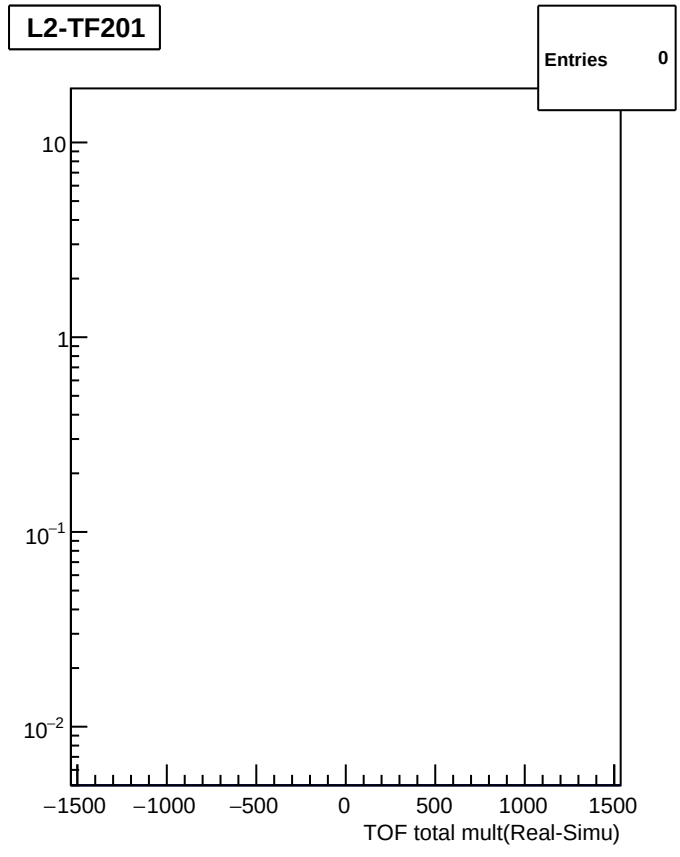

MIX-TF101
Entries 2972460
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

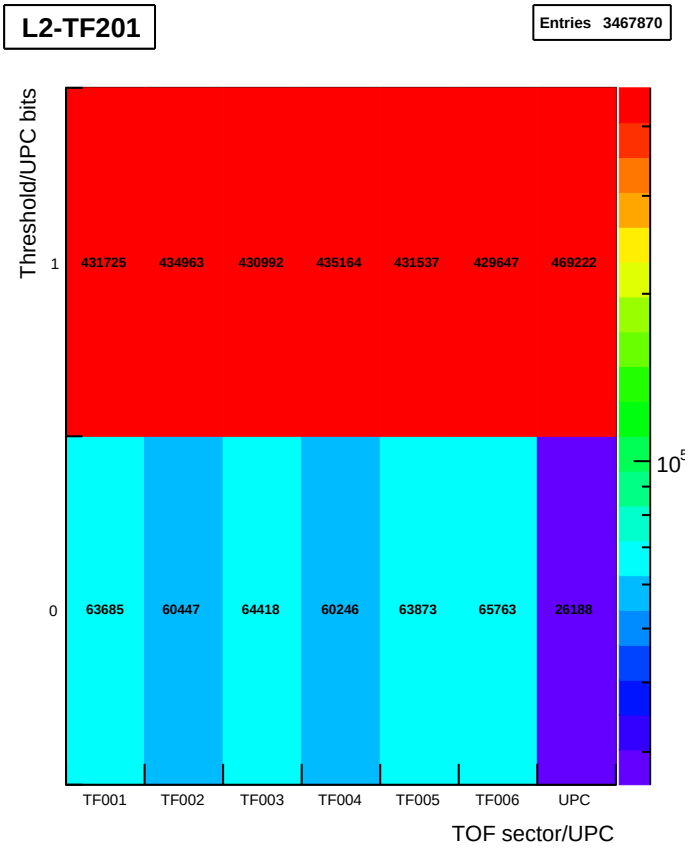

MIX-TF101
Entries 174339
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

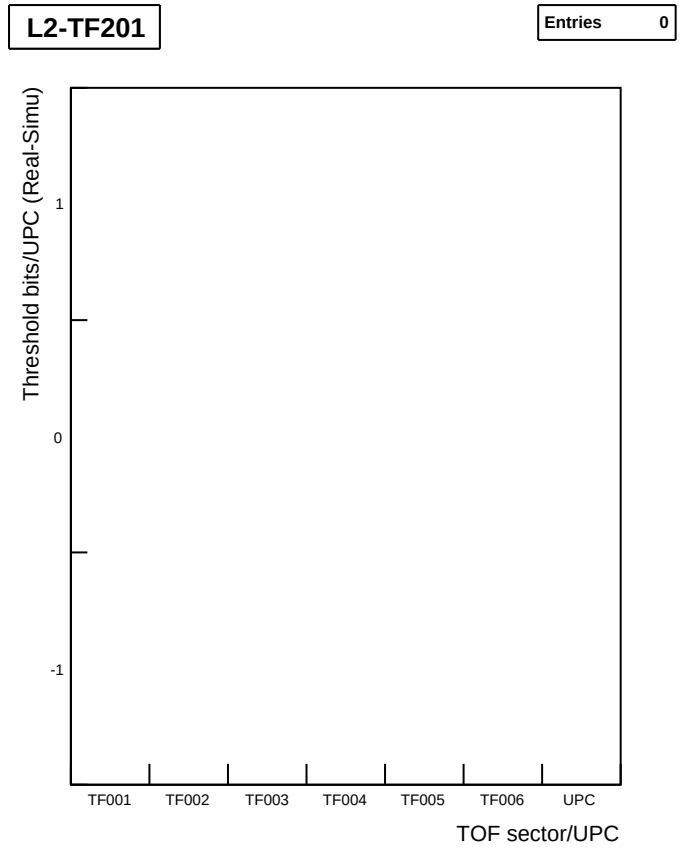

MIX-TF101
Entries 2972460
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

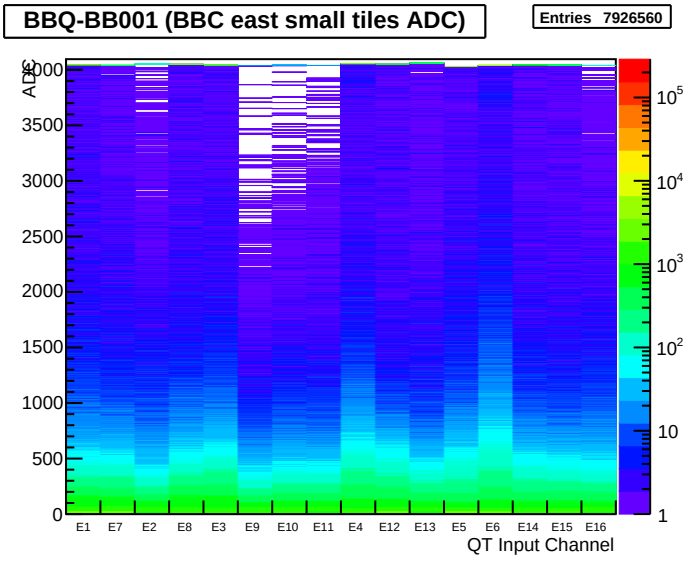

MIX-TF101
Entries 377768
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

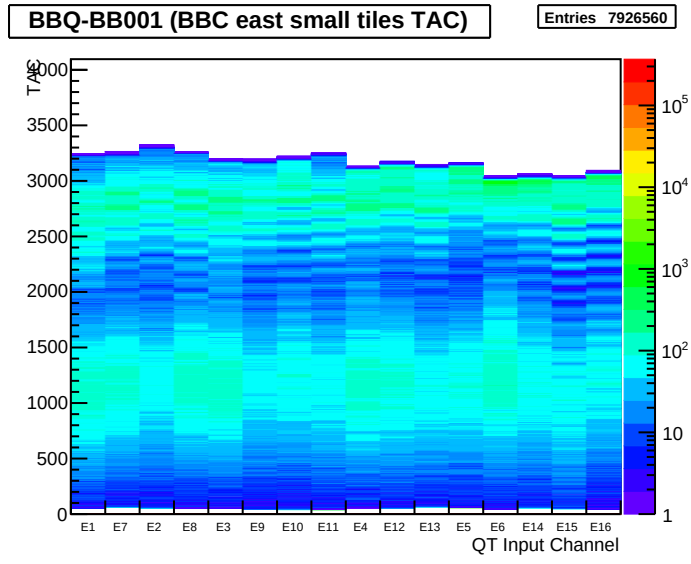

L2-TF201
Entries 495410
TOF total mult

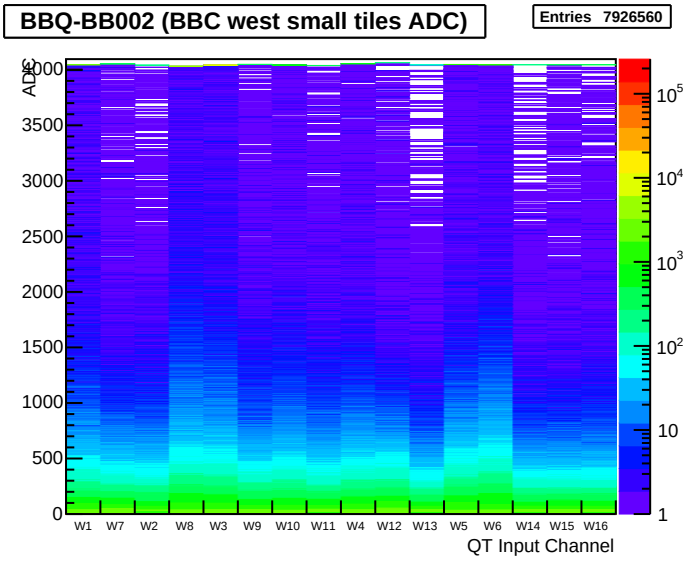

L2-TF201
Entries 0
TOF total mult(Real-Simu)

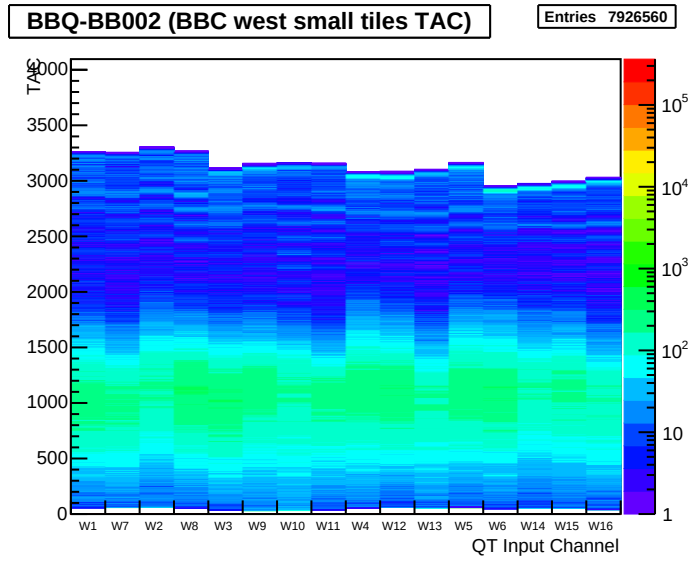

L2-TF201
Entries 3467870
Threshold/UPC bits
431725
434963
430992
435164
431537
429647
469222
63685
60447
64418
60246
63873
65763
26188
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

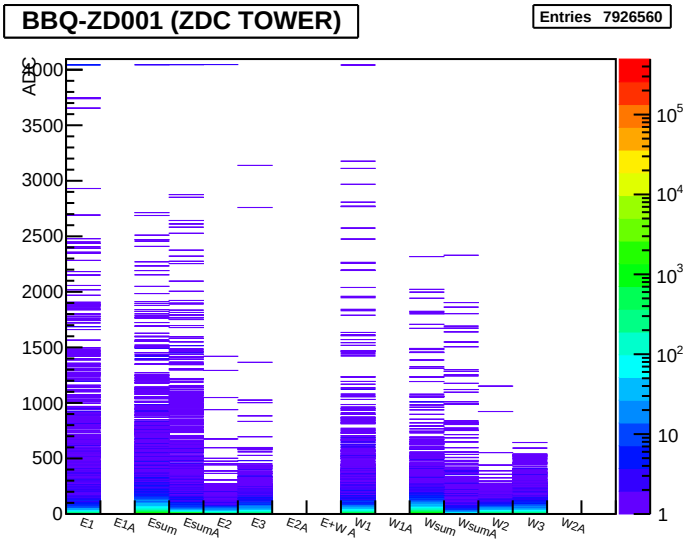

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

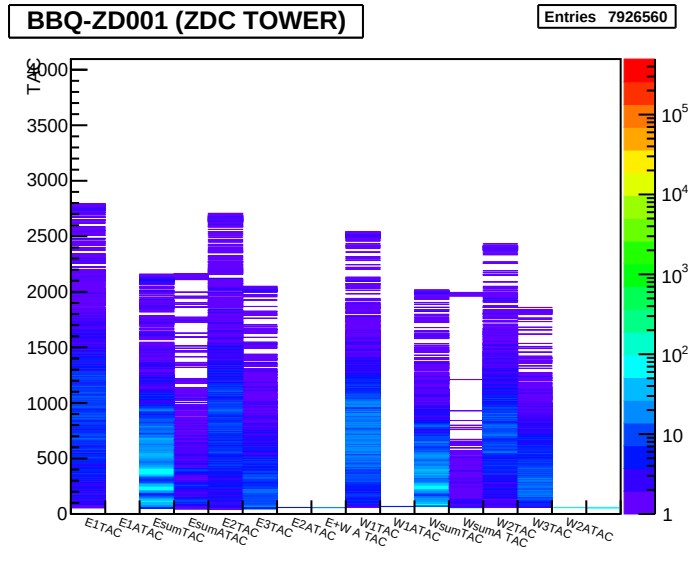

BBQ-BB001 (BBC east small tiles ADC)
Entries 7926560
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

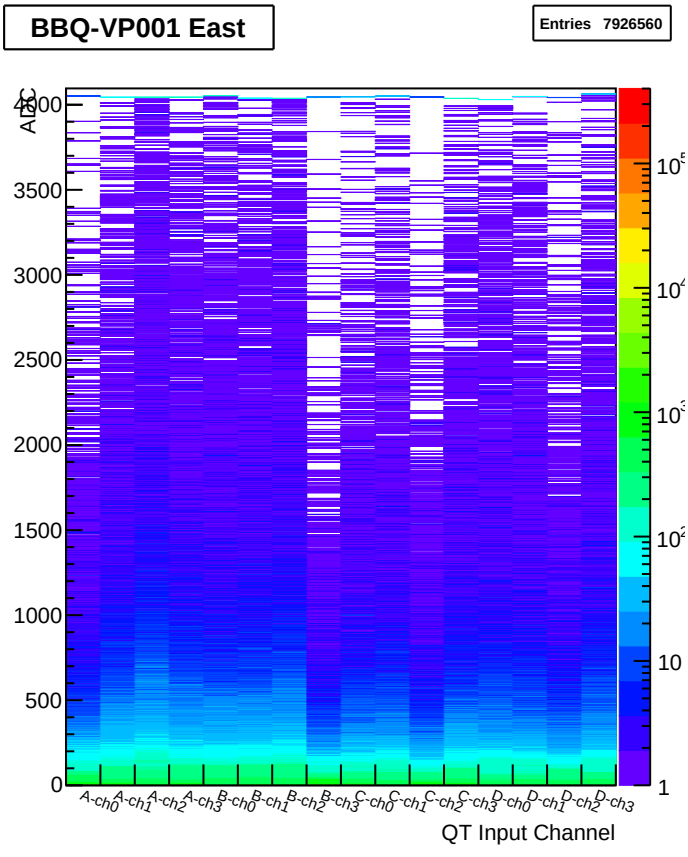

BBQ-BB001 (BBC east small tiles TAC)
Entries 7926560
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

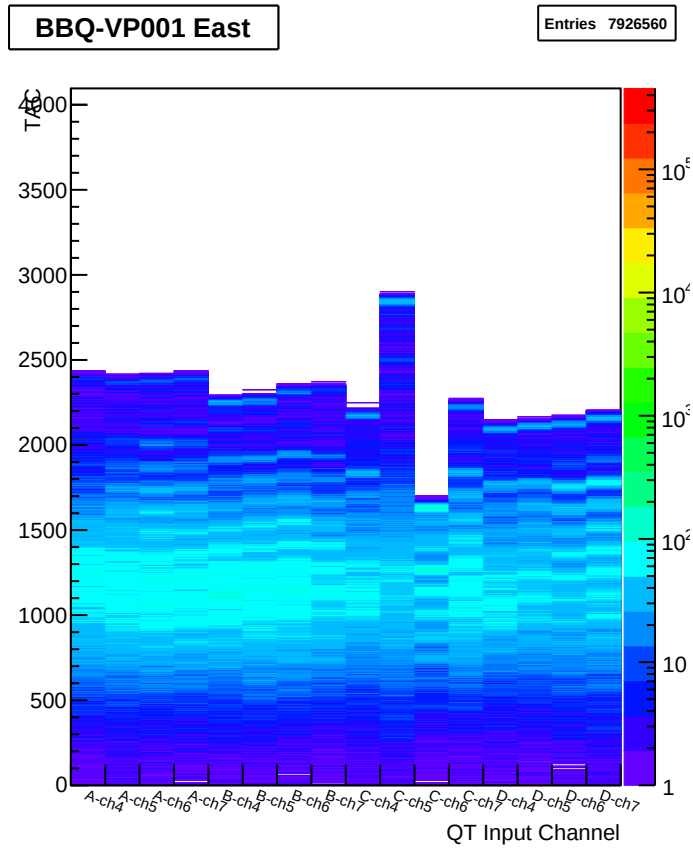

BBQ-BB002 (BBC west small tiles ADC)
Entries 7926560
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

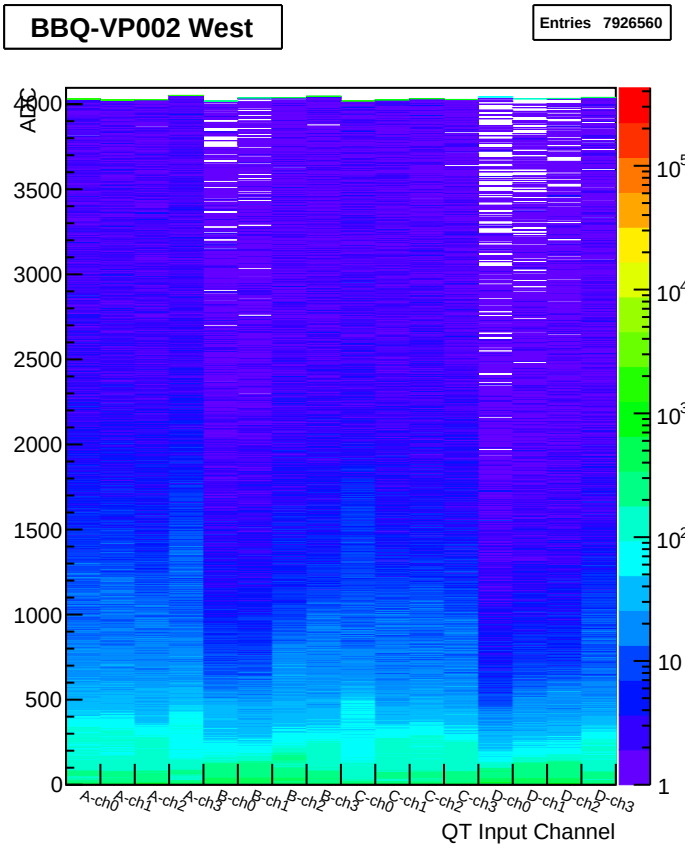

BBQ-BB002 (BBC west small tiles TAC)
Entries 7926560
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

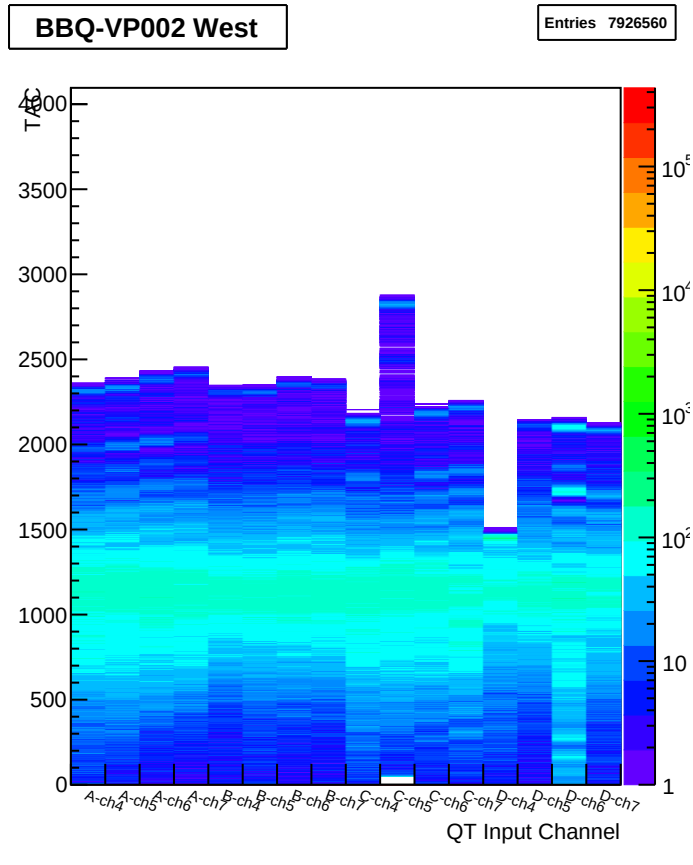

BBQ-ZD001 (ZDC TOWER)
Entries 7926560
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

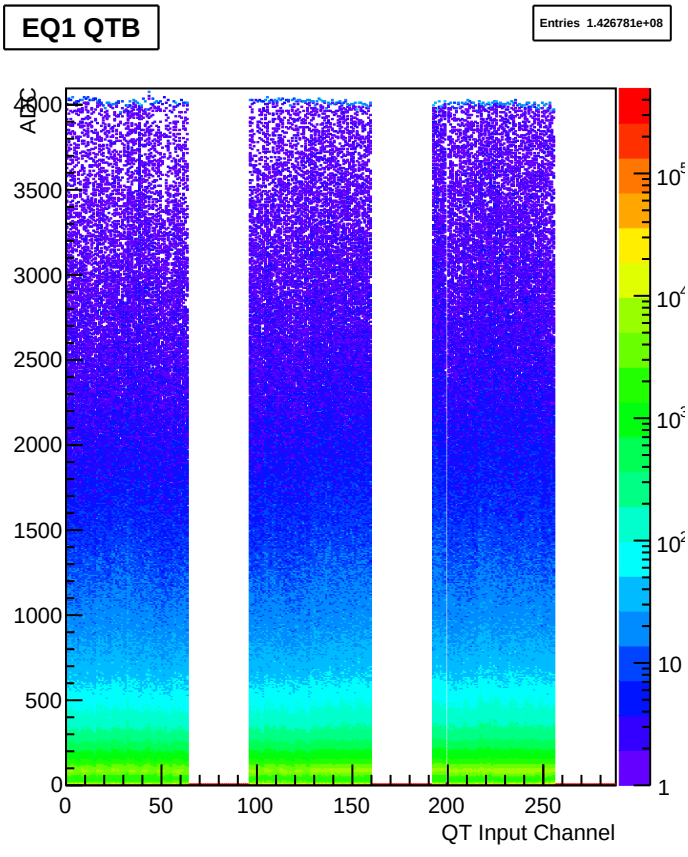

BBQ-ZD001 (ZDC TOWER)
Entries 7926560
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

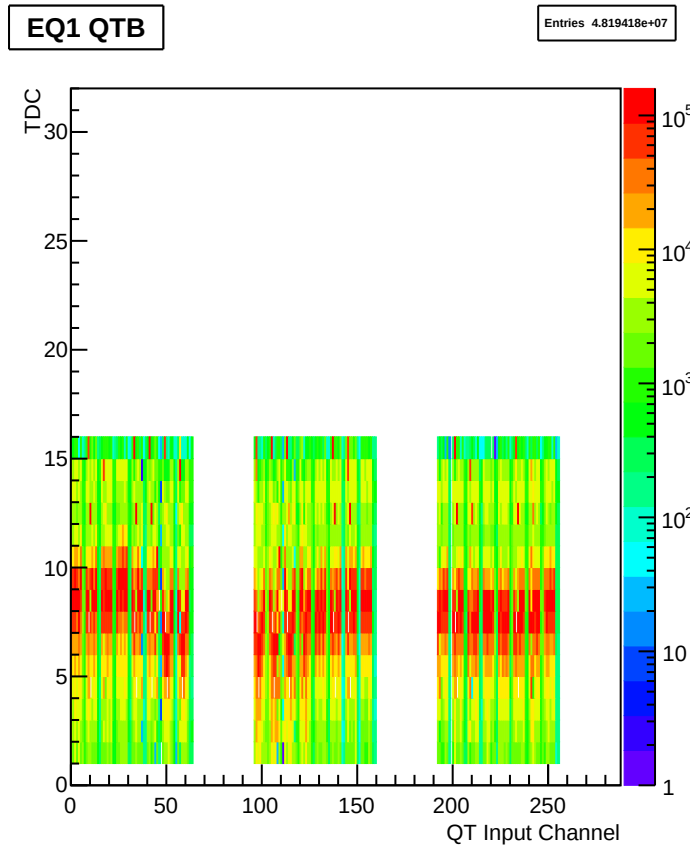

BBQ-VP001 East
Entries 7926560
ADC
QT Input Channel

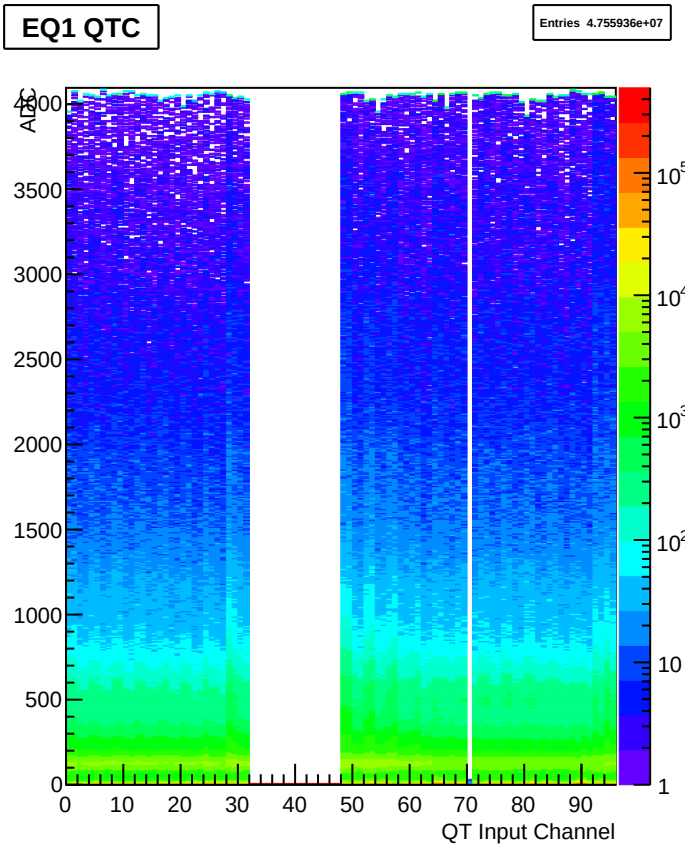

BBQ-VP001 East
Entries 7926560
ADC
QT Input Channel

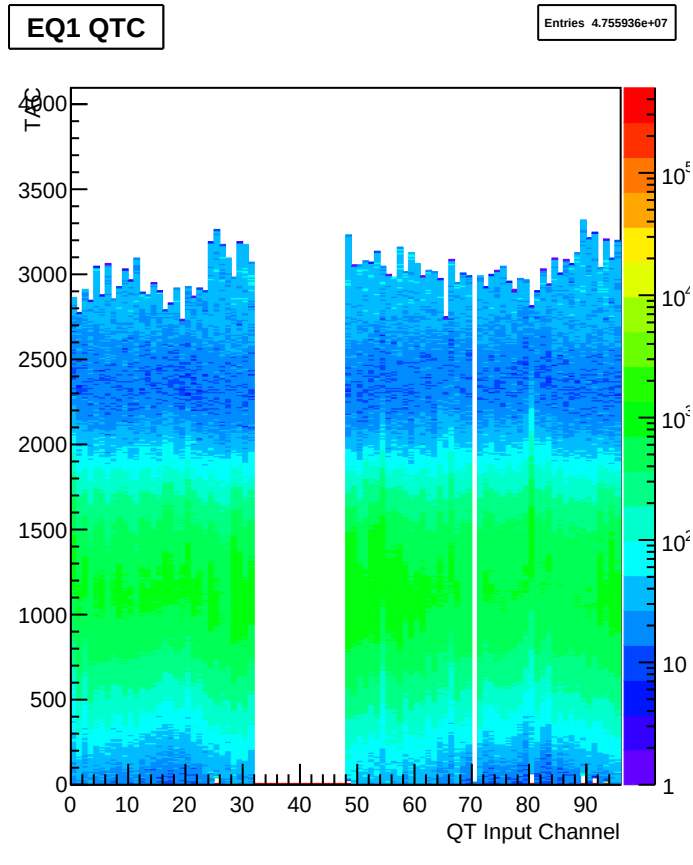

BBQ-VP002 West
Entries 7926560
ADC
QT Input Channel

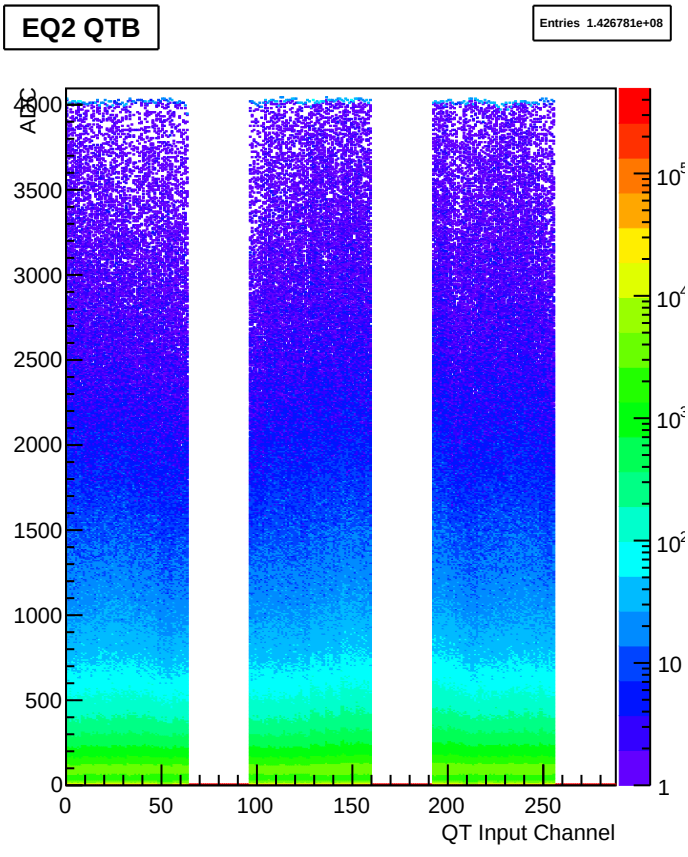

BBQ-VP002 West
Entries 7926560
ADC
QT Input Channel

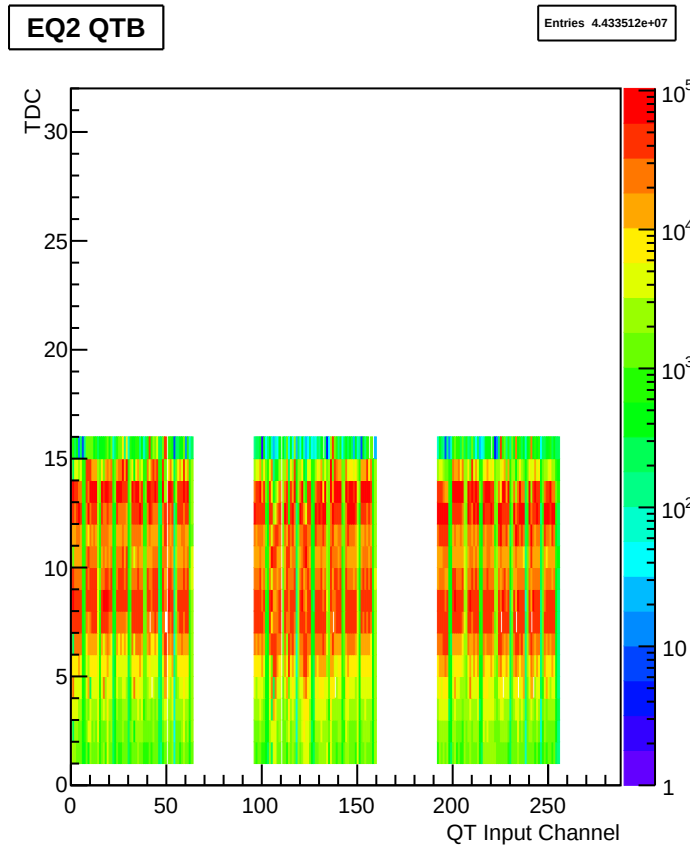

EQ1 QTB
Entries 1.426781e+08
ADC
QT Input Channel

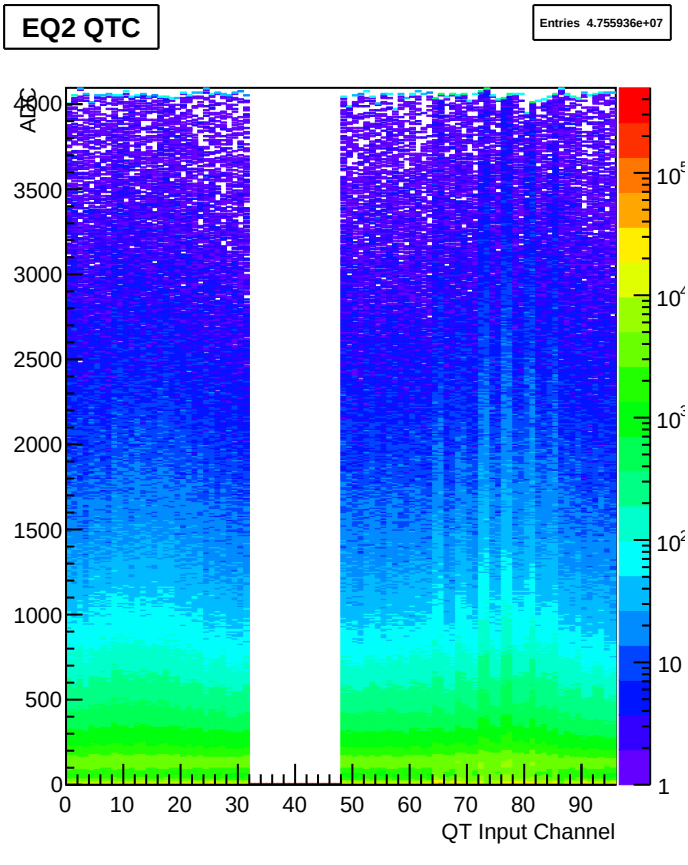

EQ1 QTB
Entries 4.819418e+07
TDC
QT Input Channel

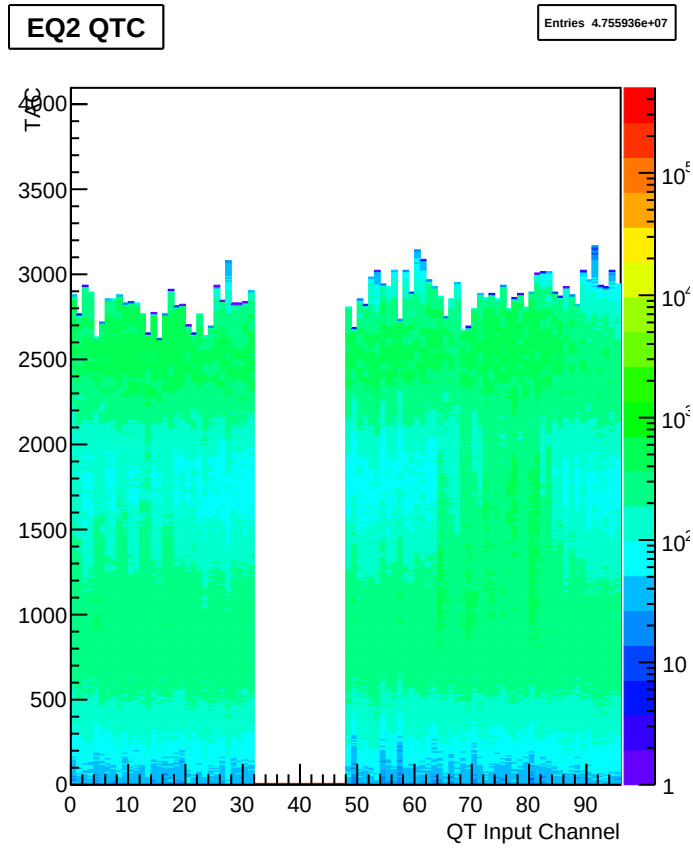

EQ1 QTC
Entries 4.755936e+07
ADC
QT Input Channel

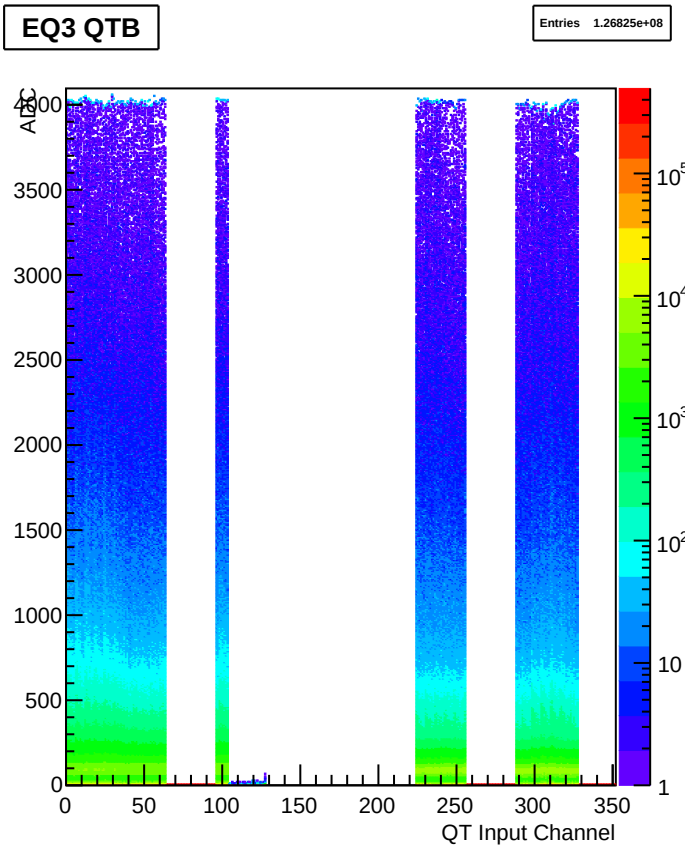

EQ1 QTC
Entries 4.755936e+07
TADC
QT Input Channel

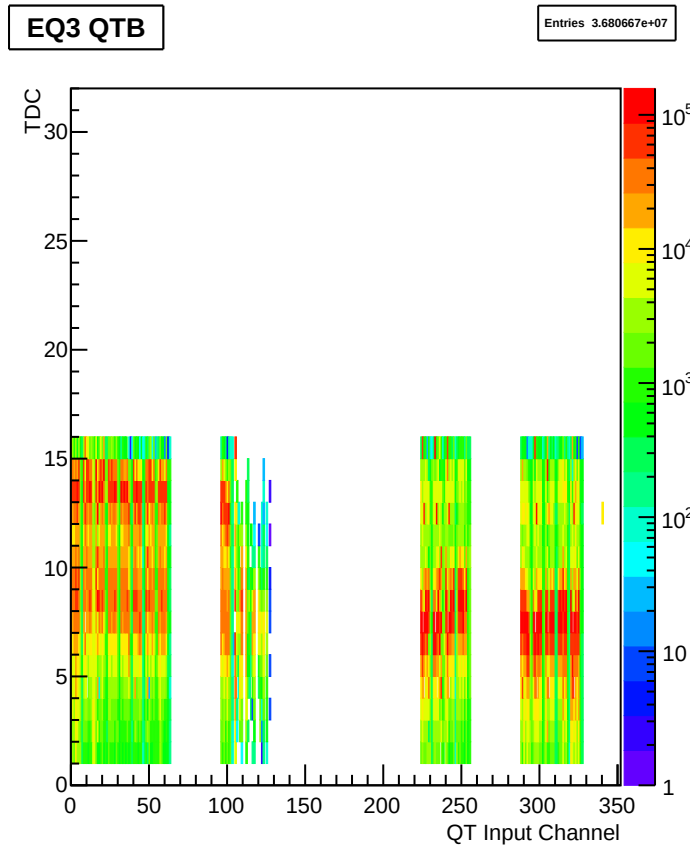

EQ2 QTB
Entries 1.426781e+08
ADC
QT Input Channel

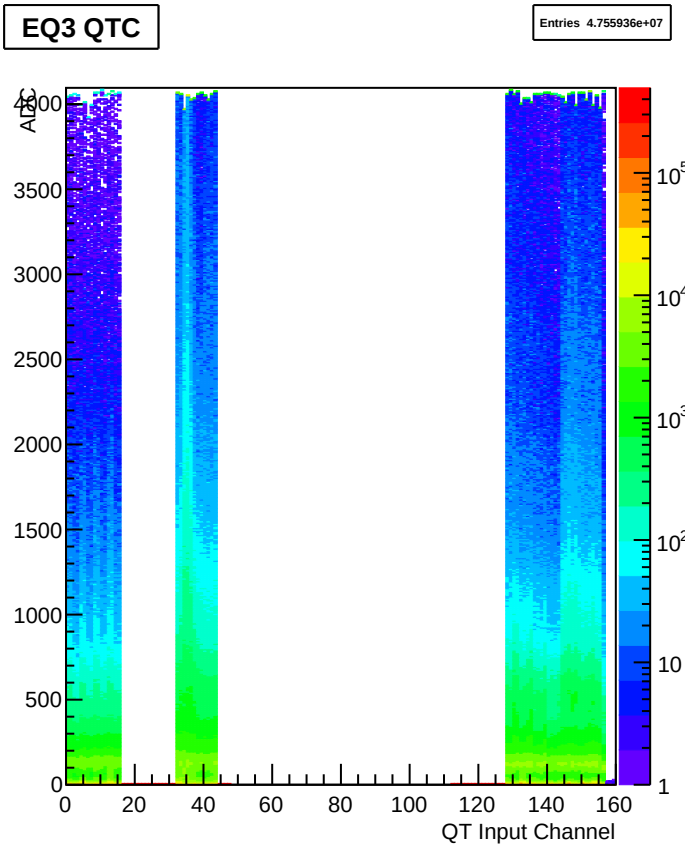

EQ2 QTB
Entries 4.433512e+07
TDC
QT Input Channel

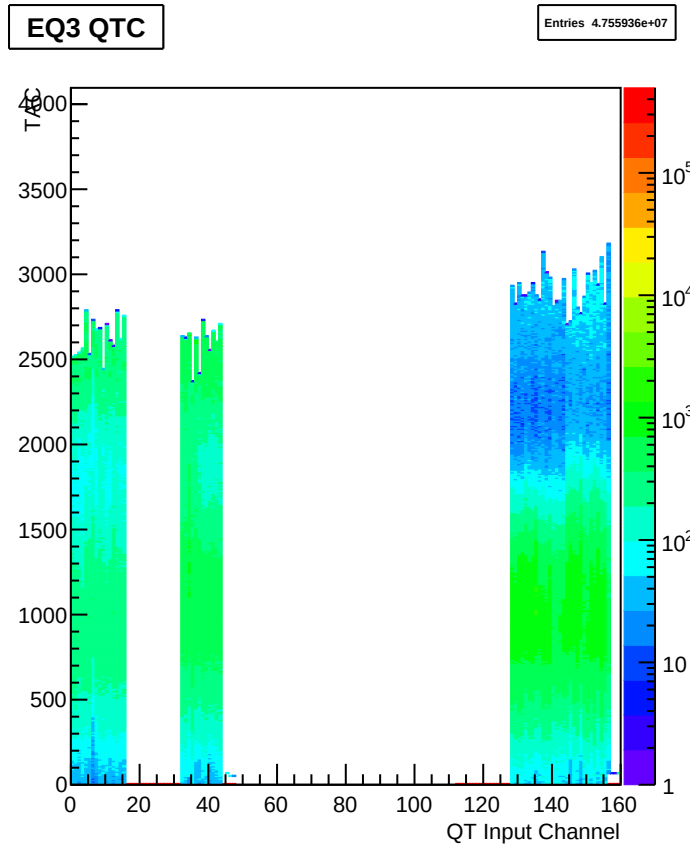

EQ2 QTC
Entries 4.755936e+07
ADC
QT Input Channel

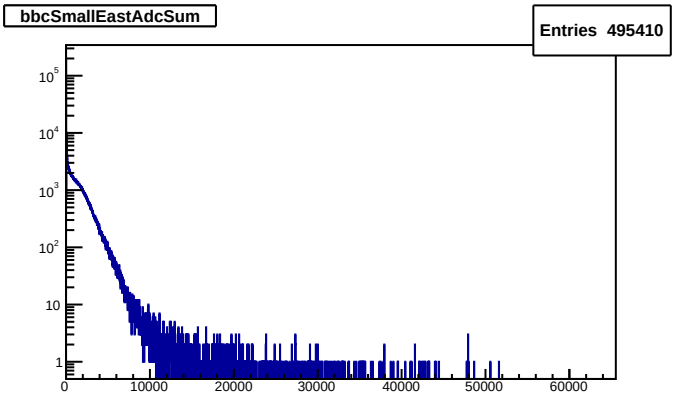

EQ2 QTC
Entries 4.755936e+07
TADC
QT Input Channel

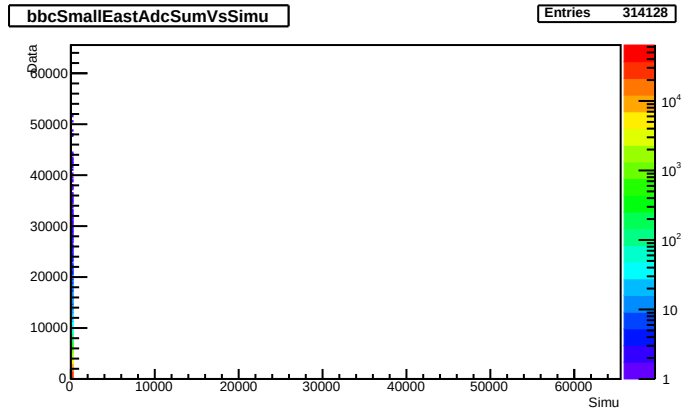

EQ3 QTB
Entries 1.26825e+08
ADC
QT Input Channel

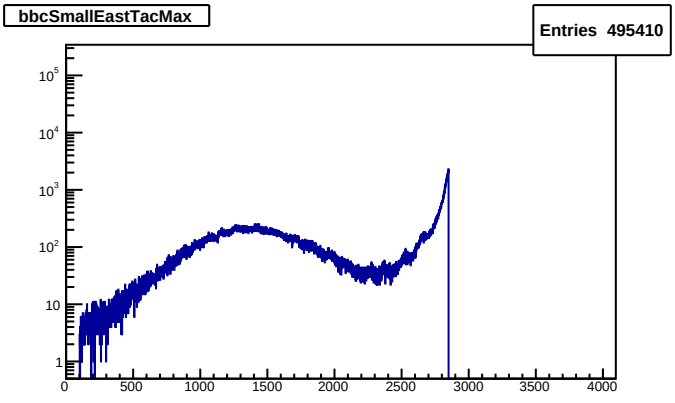

EQ3 QTB
Entries 3.680667e+07
TDC
QT Input Channel

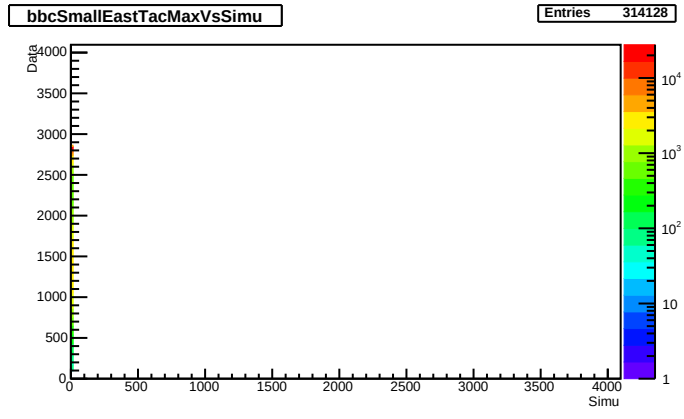

EQ3 QTC
Entries 4.755936e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.755936e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 495410


bbcSmallEastAdcSumVsSimu
Entries 314128
Data
Simu


bbcSmallEastTacMax
Entries 495410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Entries 314128
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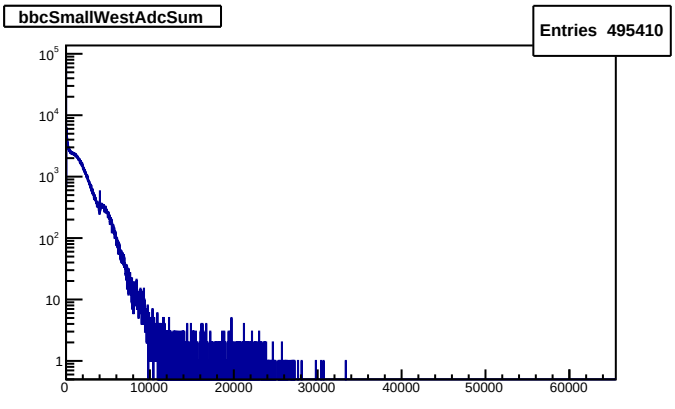
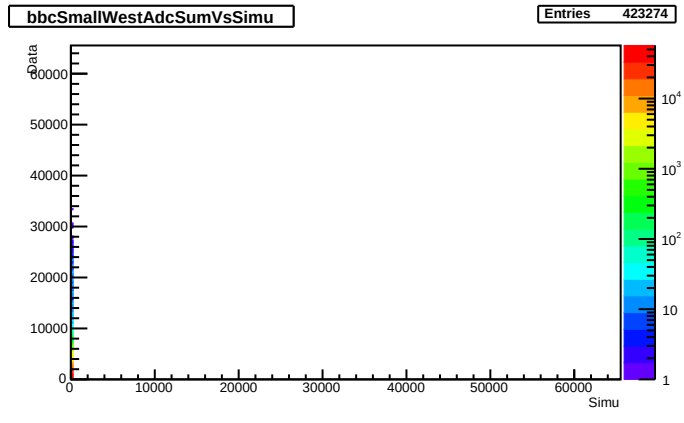
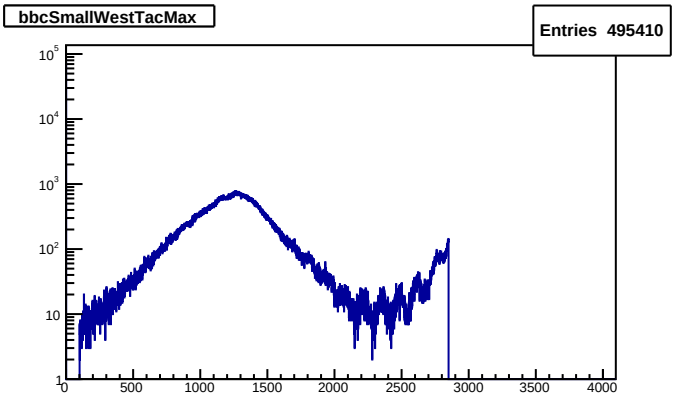
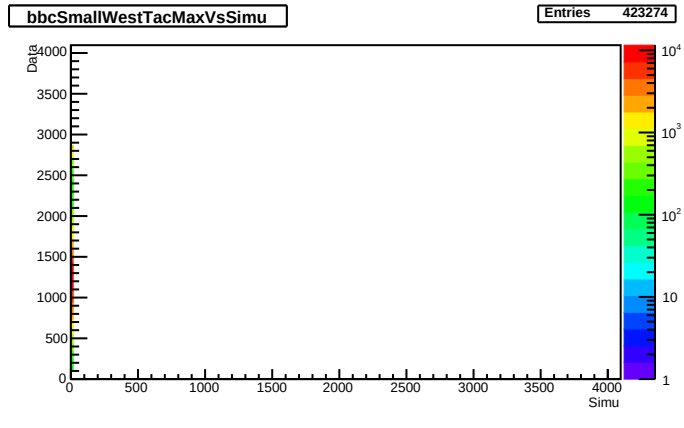
Simu


bbcSmallWestAdcSum
Entries 495410


bbcSmallWestAdcSumVsSimu
Entries 423274
Data
Simu


bbcSmallWestTacMax
Entries 495410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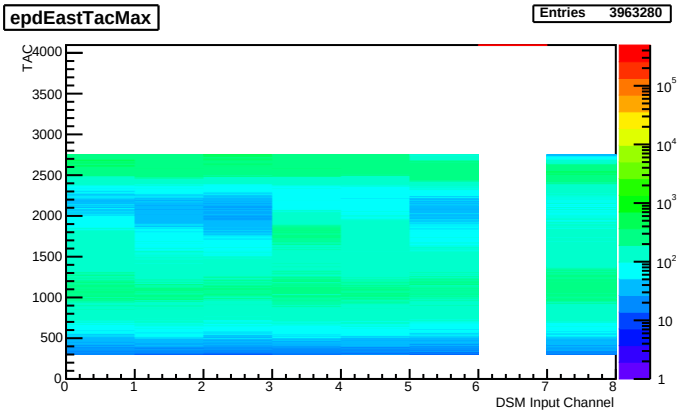
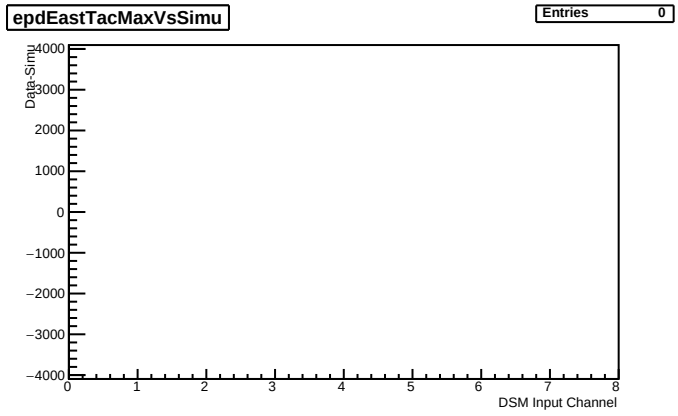
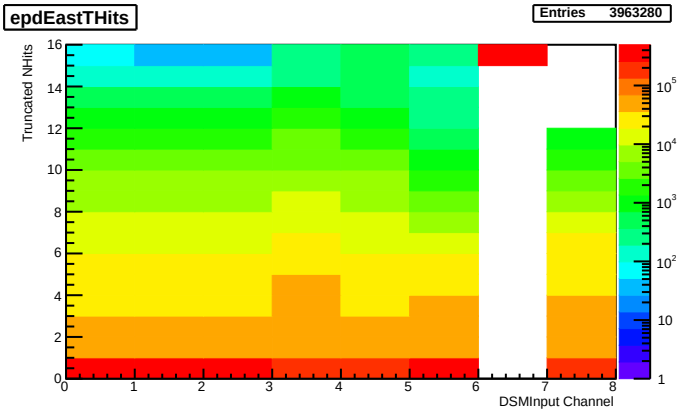
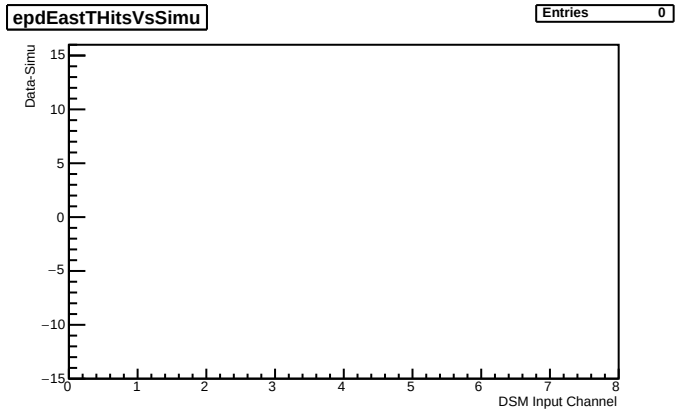
Entries 423274
Data
Simu


epdEastTacMax
Entries 3963280
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3963280
Truncated NHits
DSMInput Channel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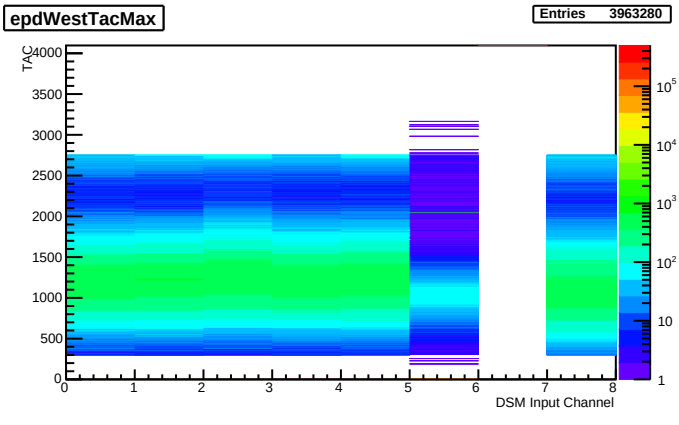
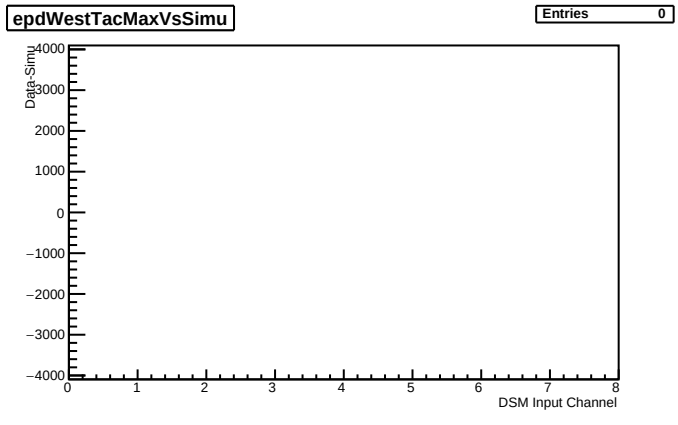
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3963280
TAC
DSM Input Channel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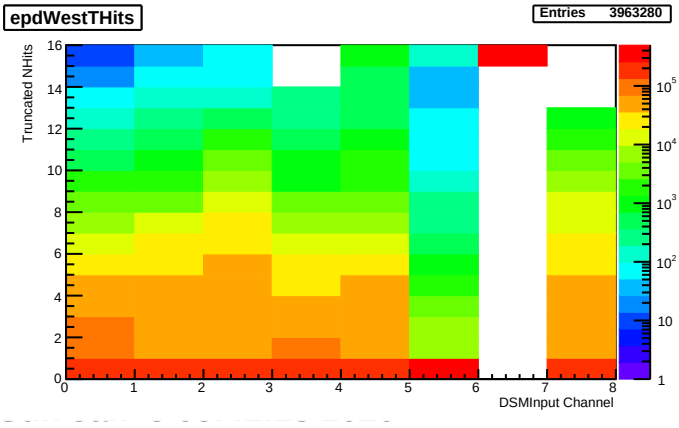
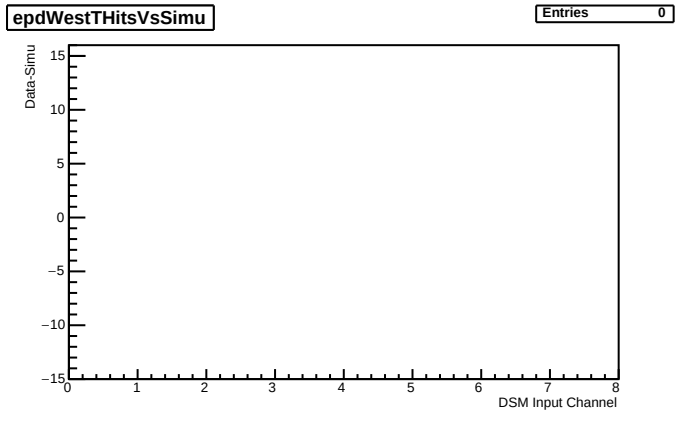
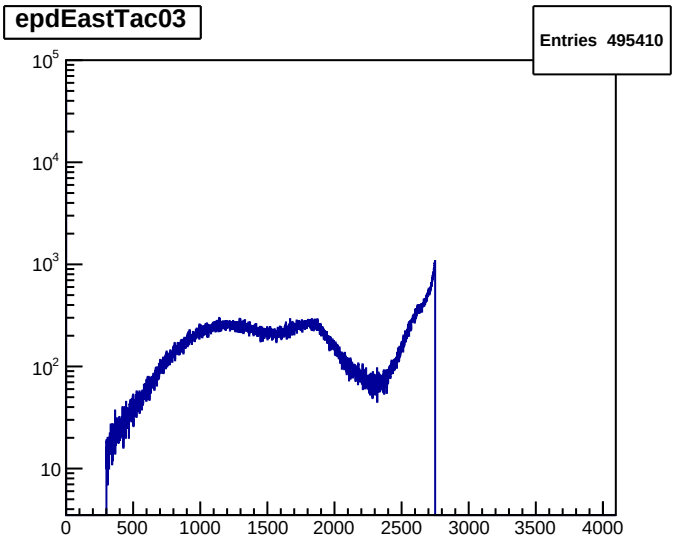
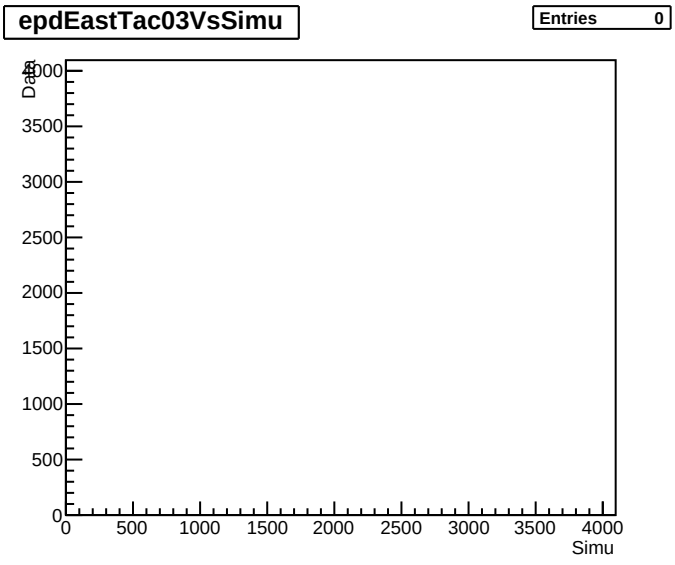
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3963280
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 495410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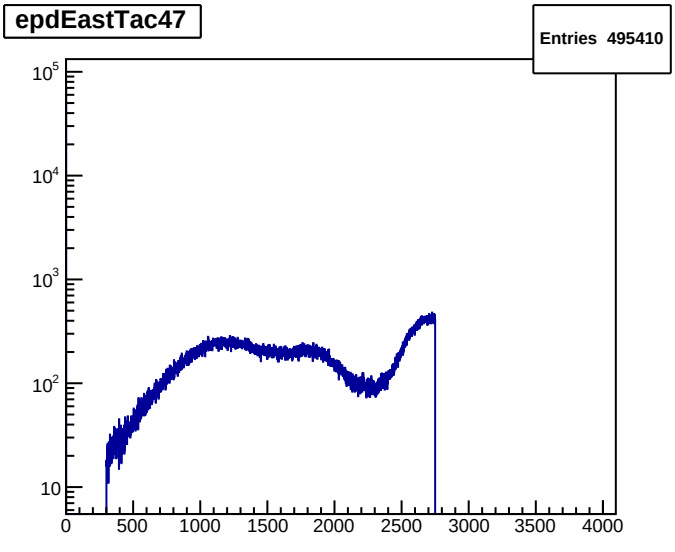
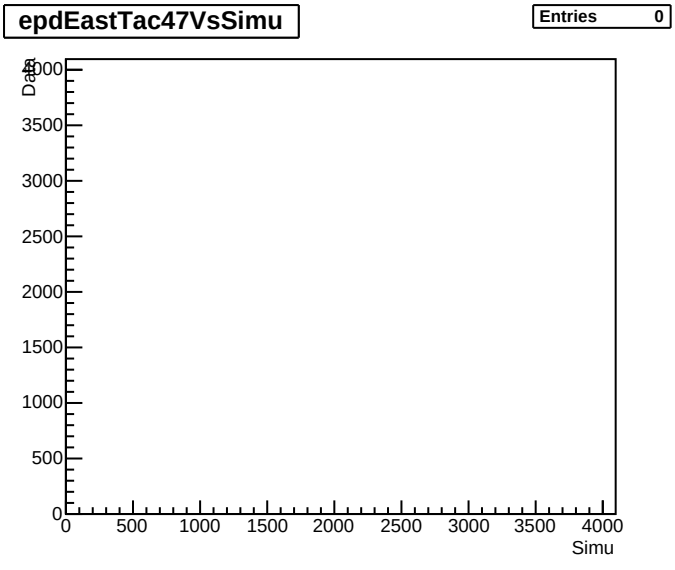
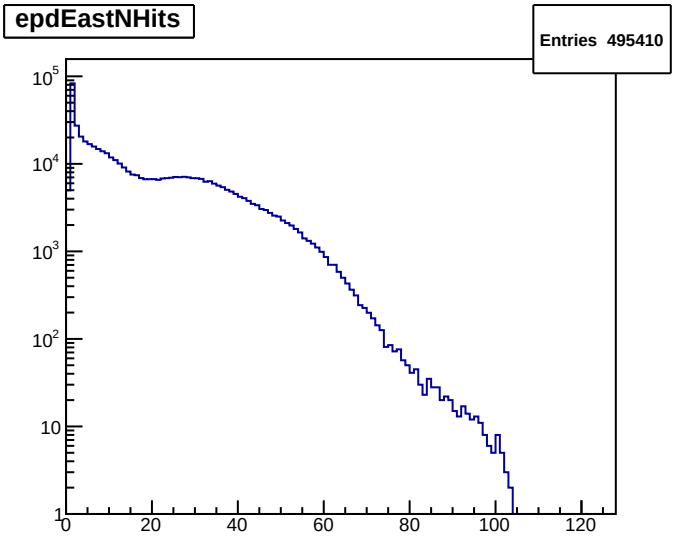
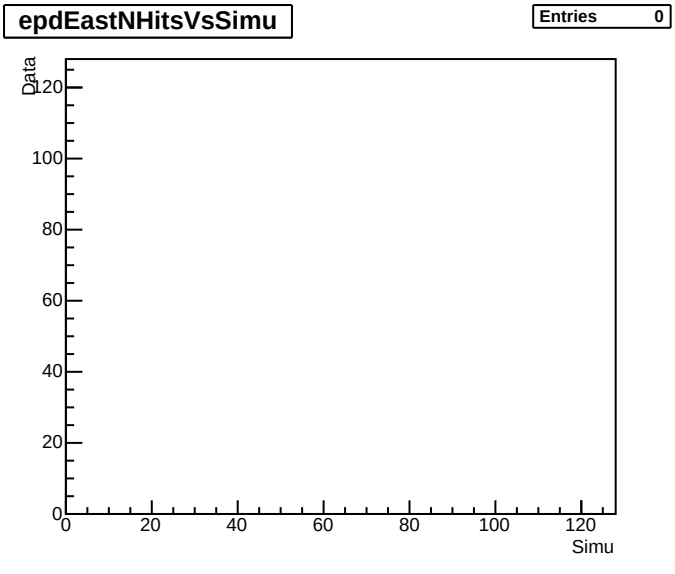
Entries 0
Data
Simu


epdEastTac47
Entries 495410


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 495410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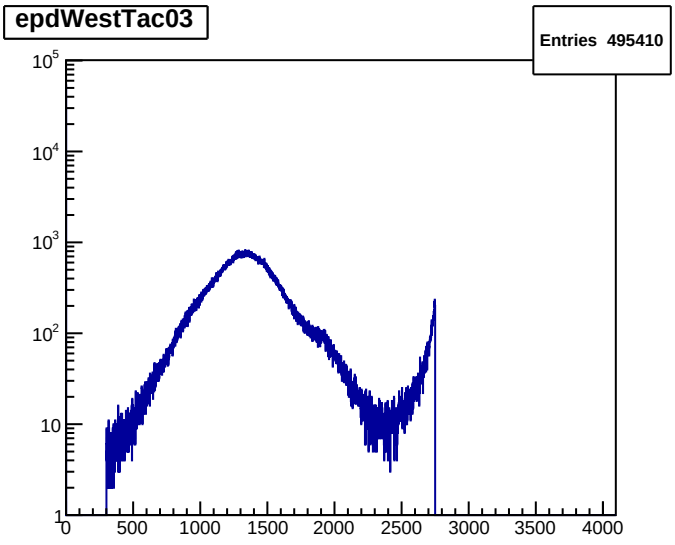
Entries 0
Data
Simu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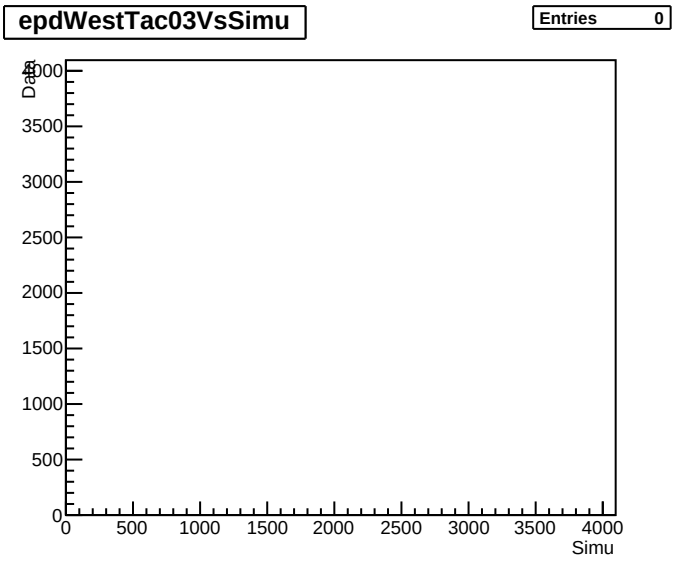
Entries 495410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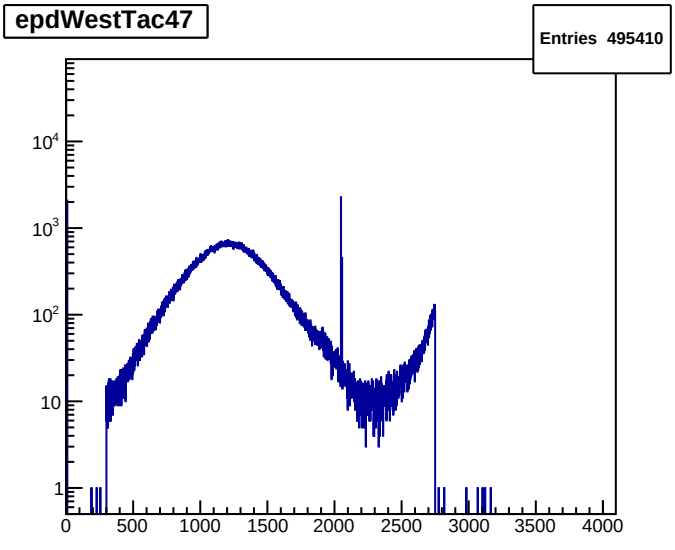
Entries 0
Data
Simu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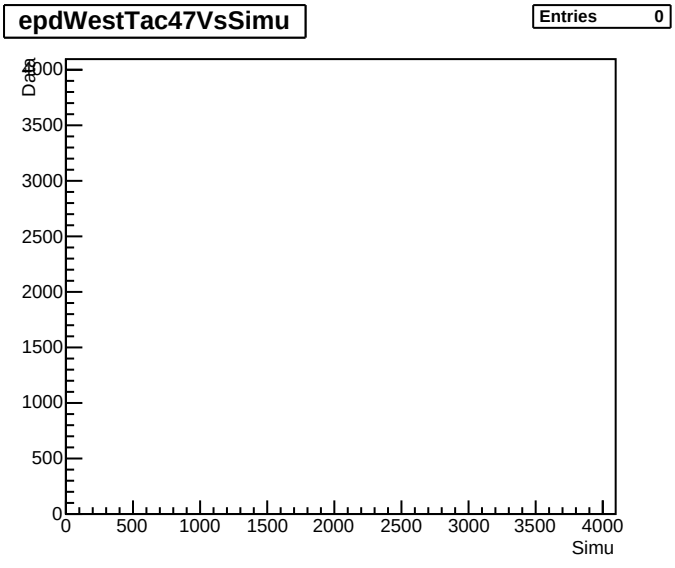
Entries 495410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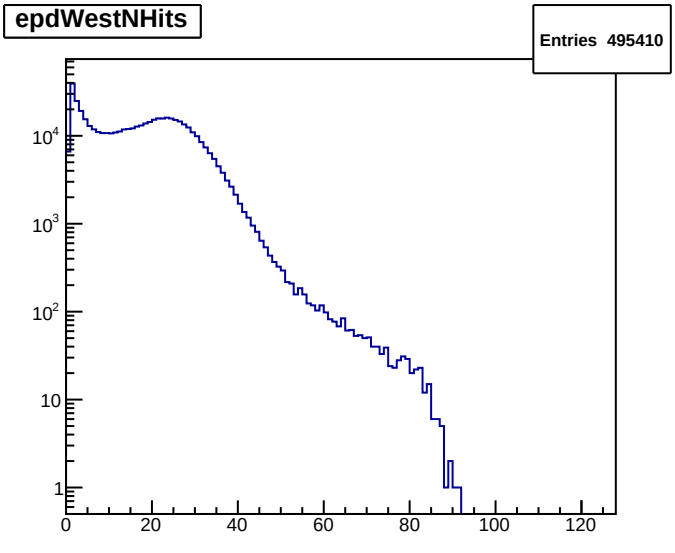
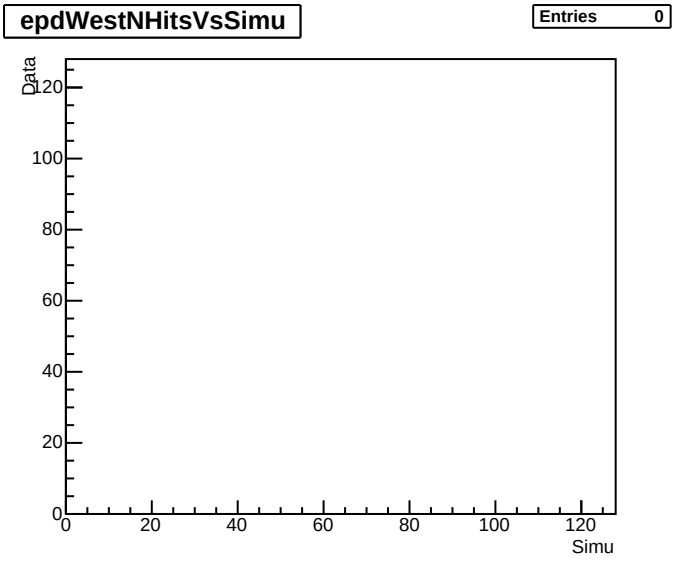
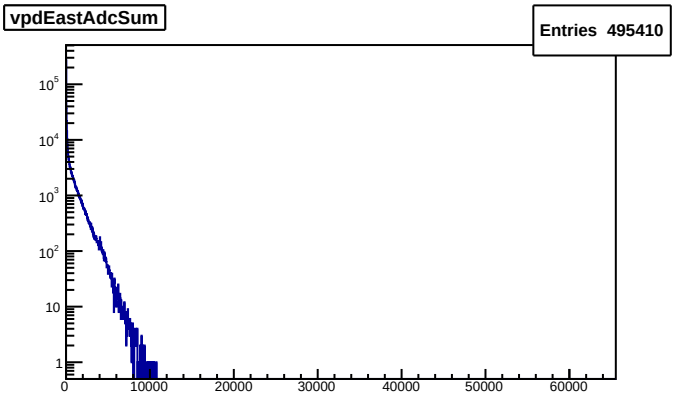
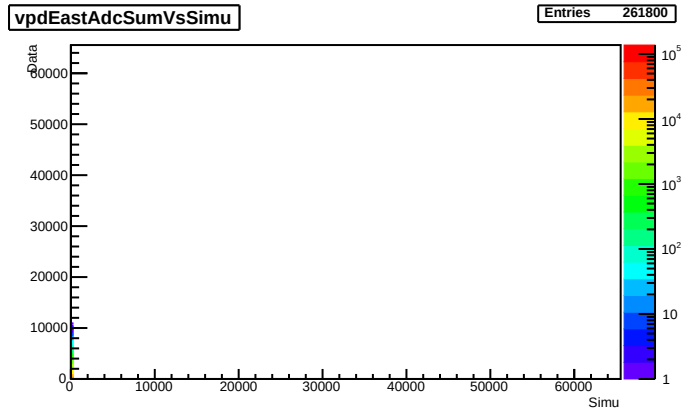
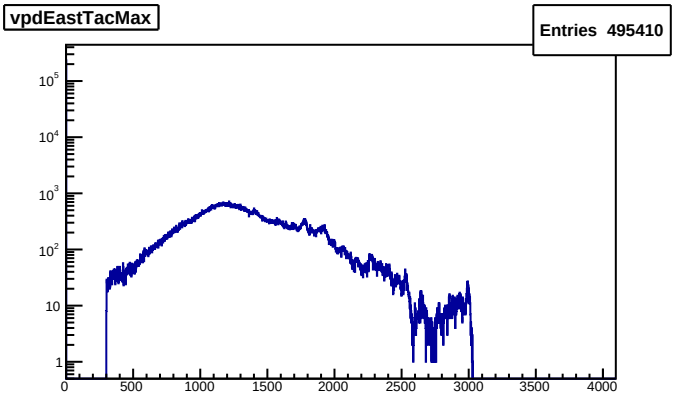
Entries 0
Data
Simu

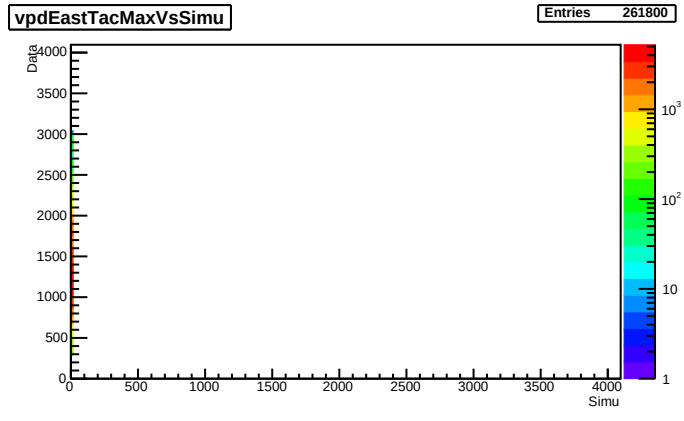

epdWestNHits
Entries 495410

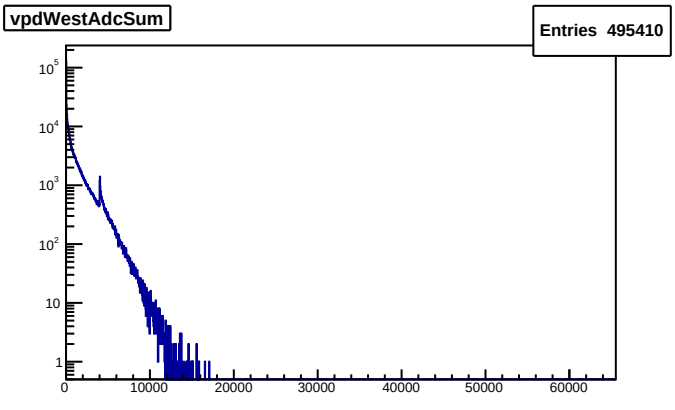

epdWestNHitsVsSimu
Entries 0
Data
Simu

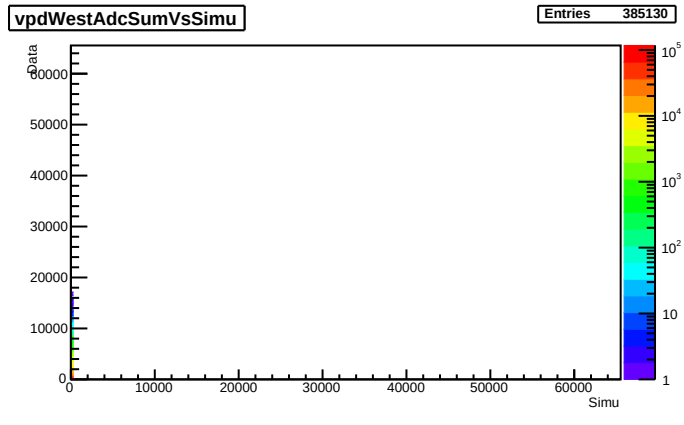

vpdEastAdcSum
Entries 495410

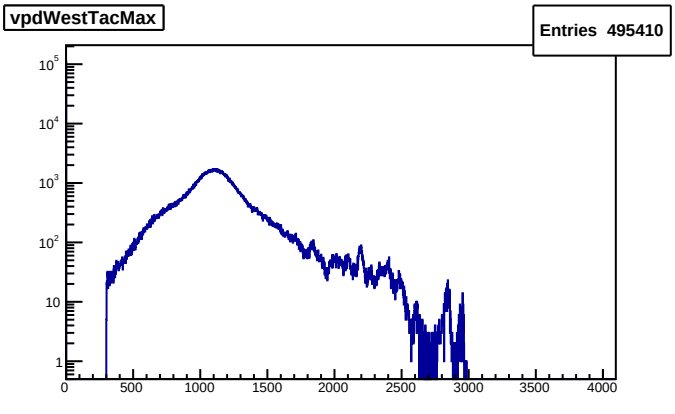

vpdEastAdcSumVsSimu
Entries 261800
Data
Simu

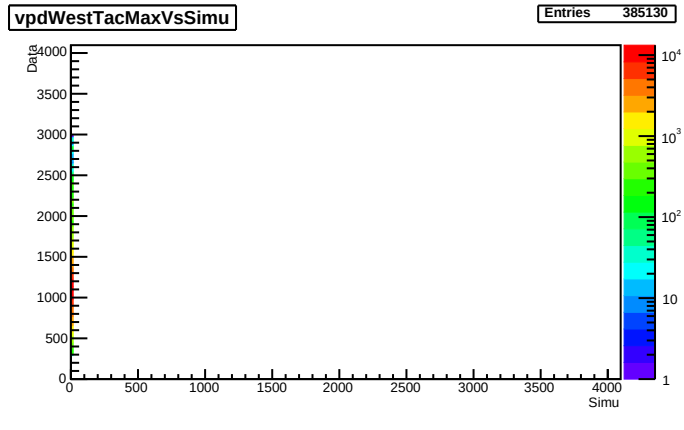

vpdEastTacMax
Entries 495410

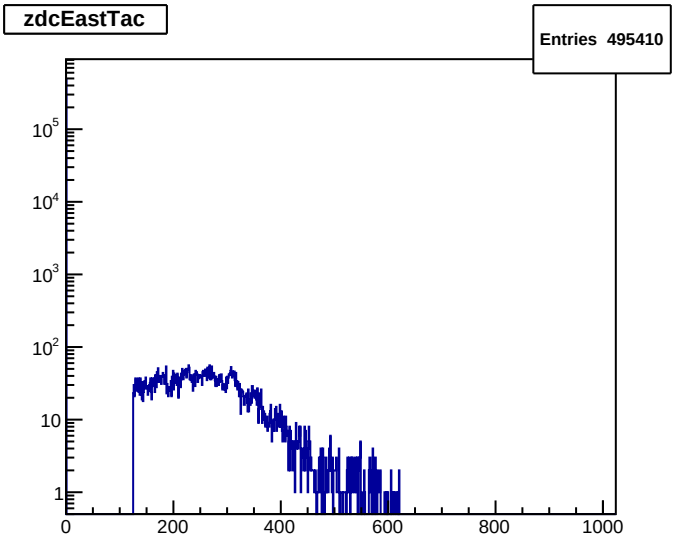

vpdEastTacMaxVsSimu
Entries 261800
Data
Simu

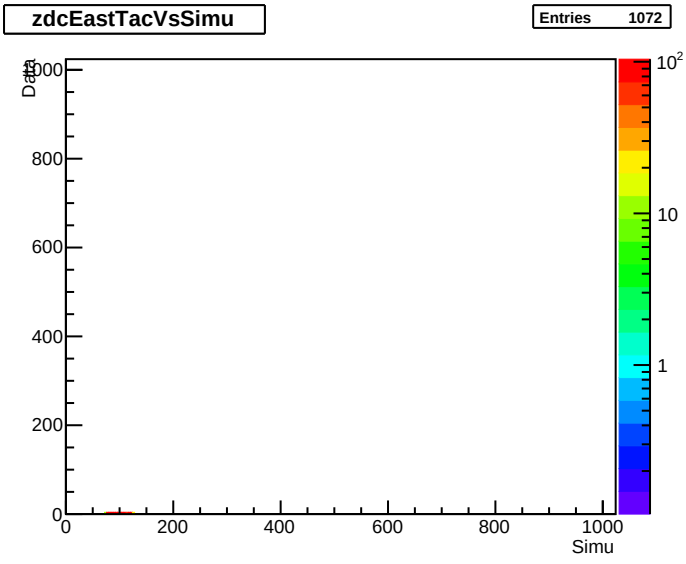

vpdWestAdcSum
Entries 495410

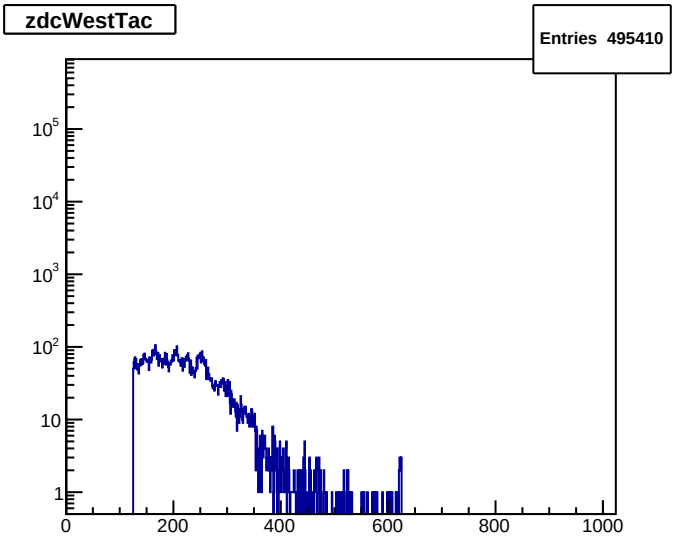

vpdWestAdcSumVsSimu
Entries 385130
Data
Simu

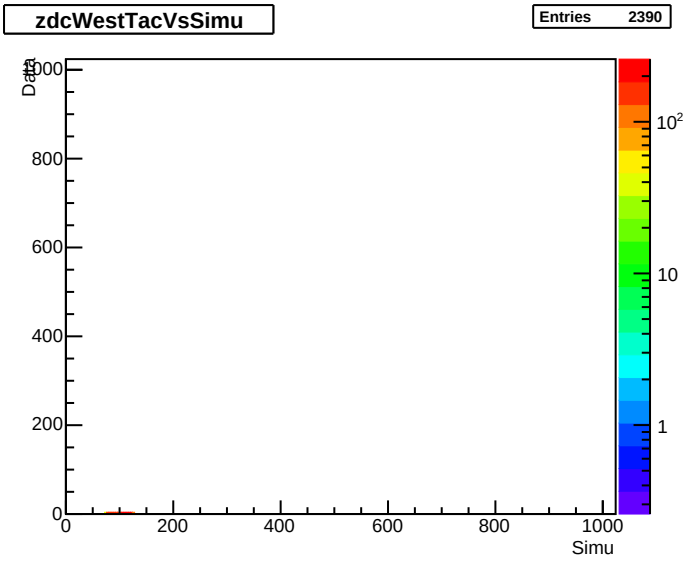

vpdWestTacMax
Entries 495410

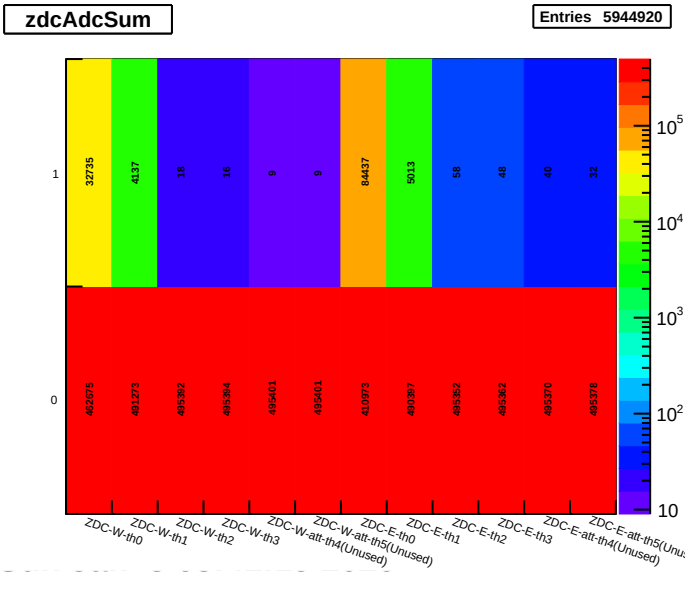

vpdWestTacMaxVsSimu
Entries 385130
Data
Simu

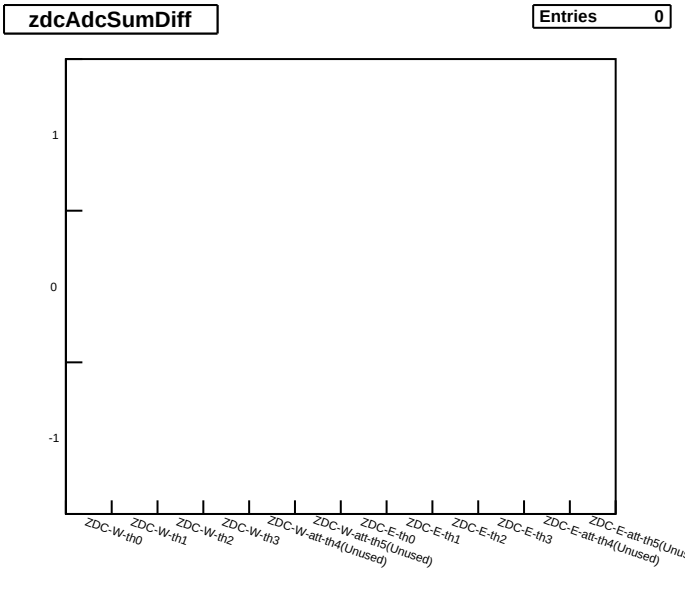

zdcEastTac
Entries 495410

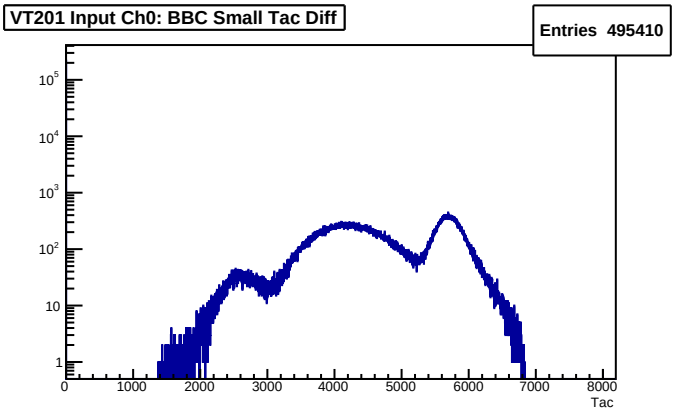

zdcEastTacVsSimu
Entries 1072
Data
Simu

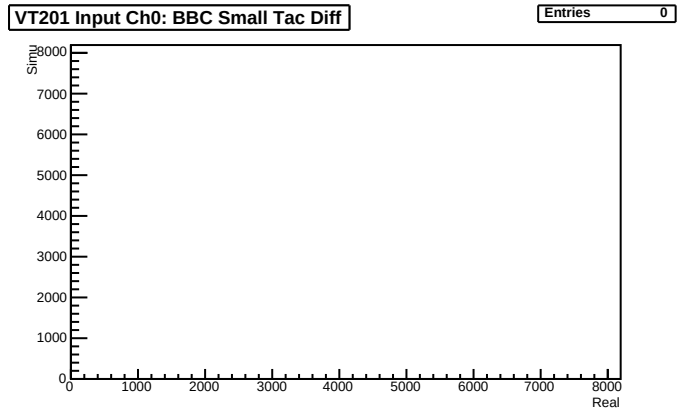

zdcWestTac
Entries 495410

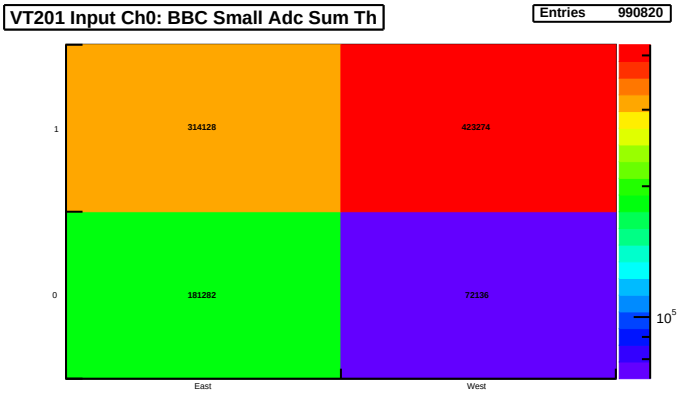

zdcWestTacVsSimu
Entries 2390
Data
Simu

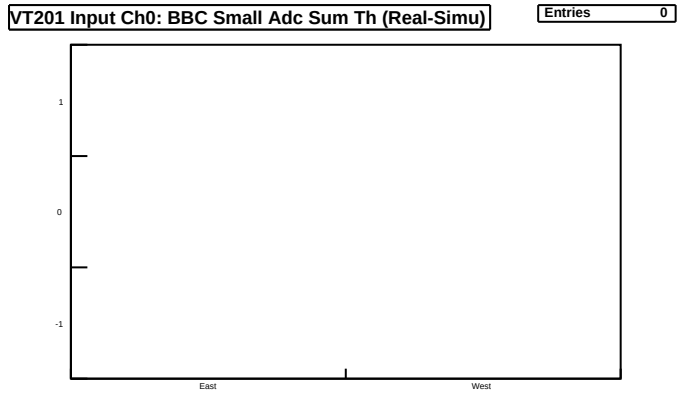

zdcAdcSum
Entries 5944920
32735
4137
18
16
9
9
84437
5013
58
48
40
32
462675
491273
495392
495394
495401
495401
410973
490397
495362
495362
495370
495378
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

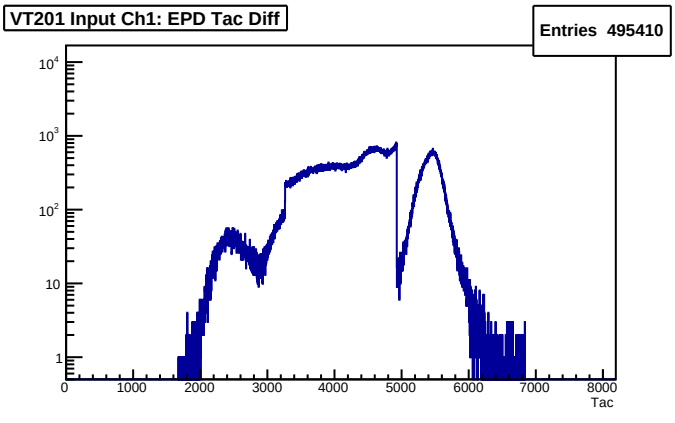

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

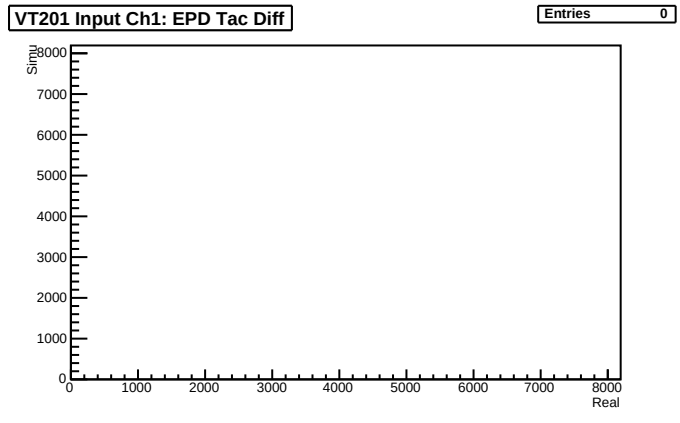

VT201 Input Ch0: BBC Small Tac Diff
Entries 495410
Tac

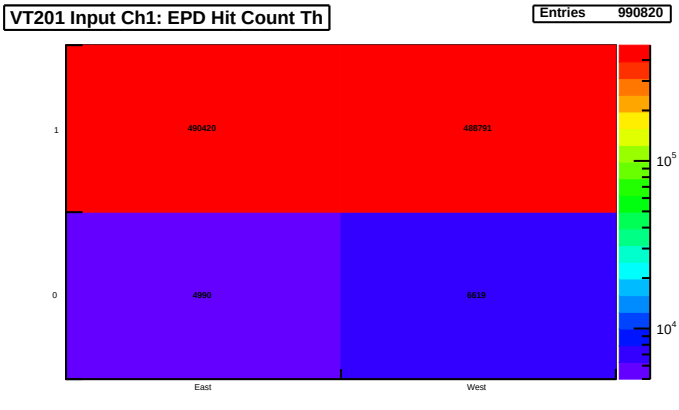

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

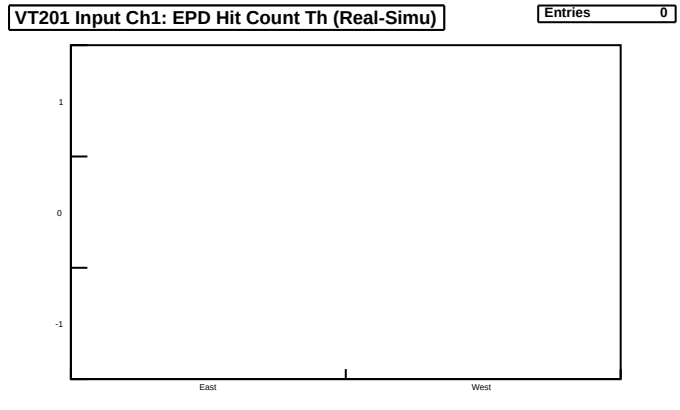

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 990820
314128
423274
181282
72136
East
West

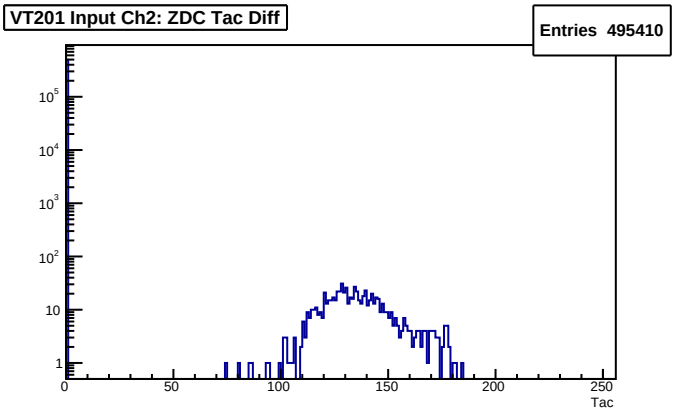

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

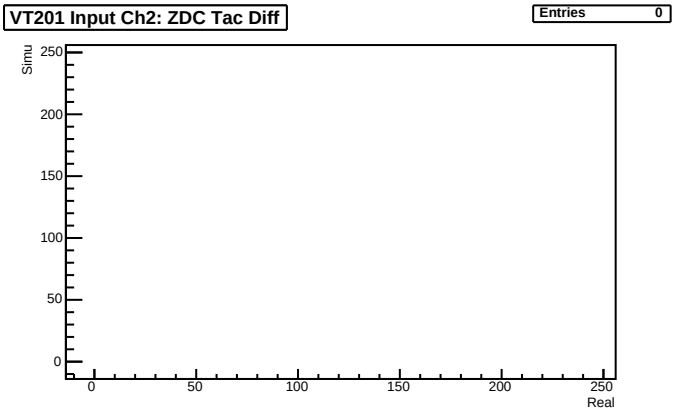

VT201 Input Ch1: EPD Tac Diff
Entries 495410
Tac

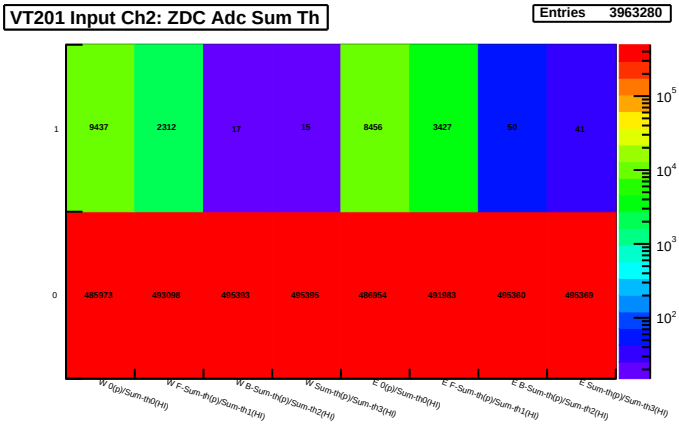

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

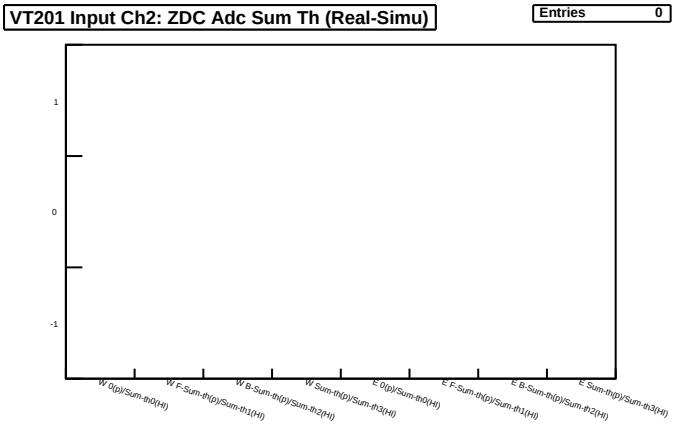

VT201 Input Ch1: EPD Hit Count Th
Entries 990820
490420
488791
4990
6619
East
West

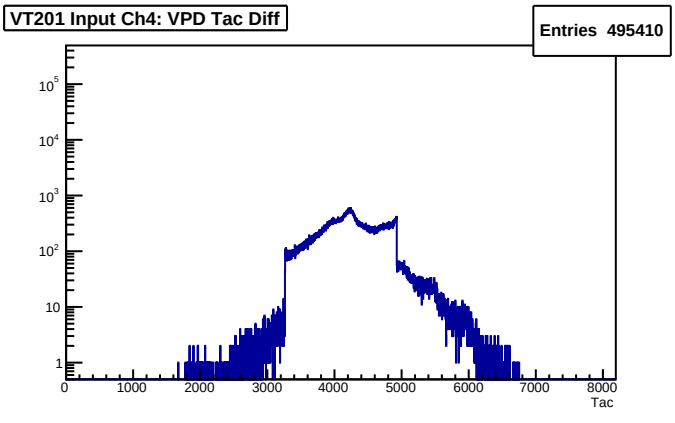

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

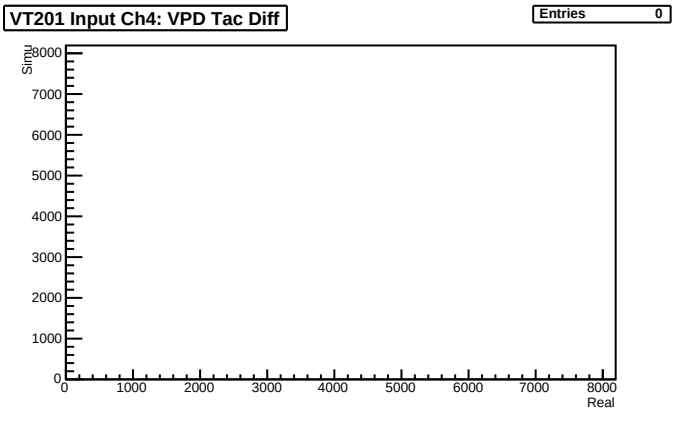

VT201 Input Ch2: ZDC Tac Diff
Entries 495410
Tac

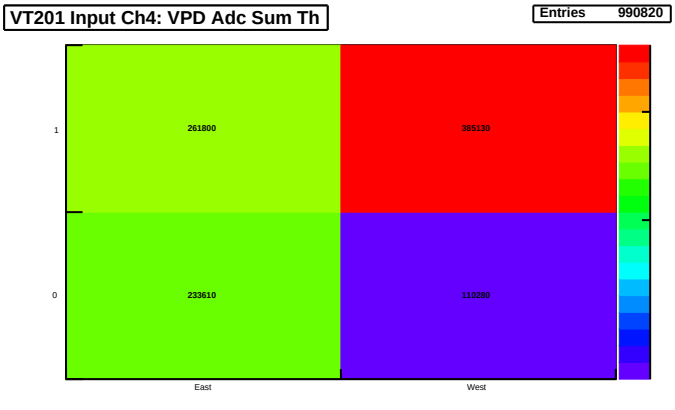

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

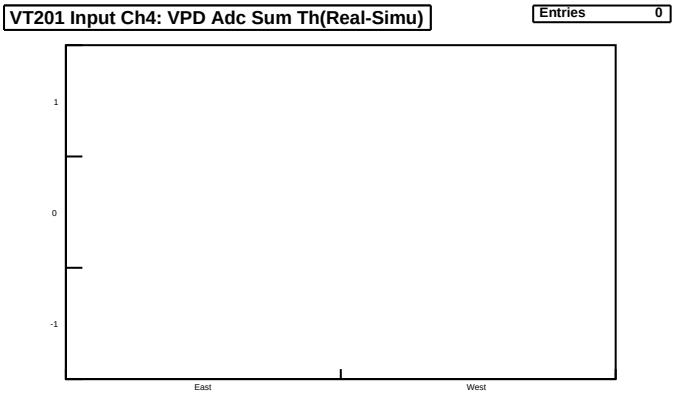

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3963280
9437
2312
17
15
8456
3427
50
41
485973
493098
495393
495395
486954
491983
495360
495369
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

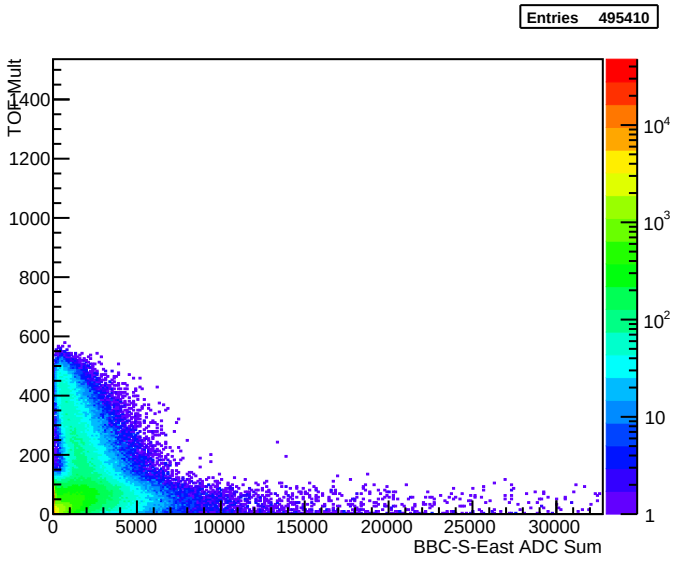

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

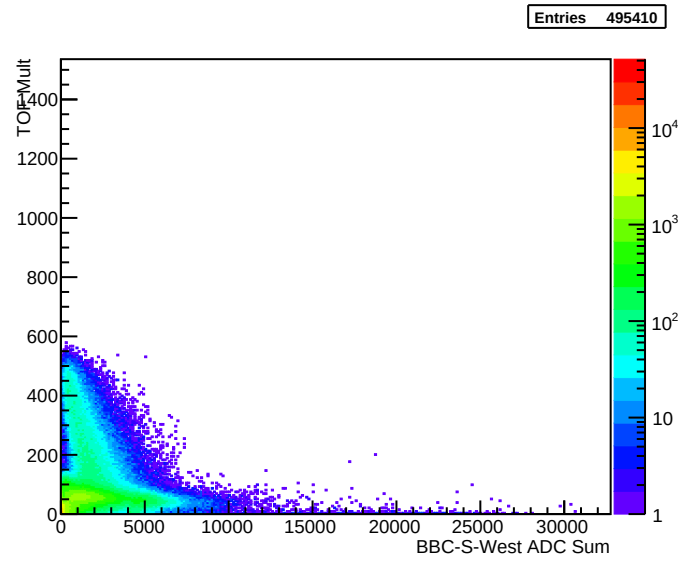

VT201 Input Ch4: VPD Tac Diff
Entries 495410
Tac

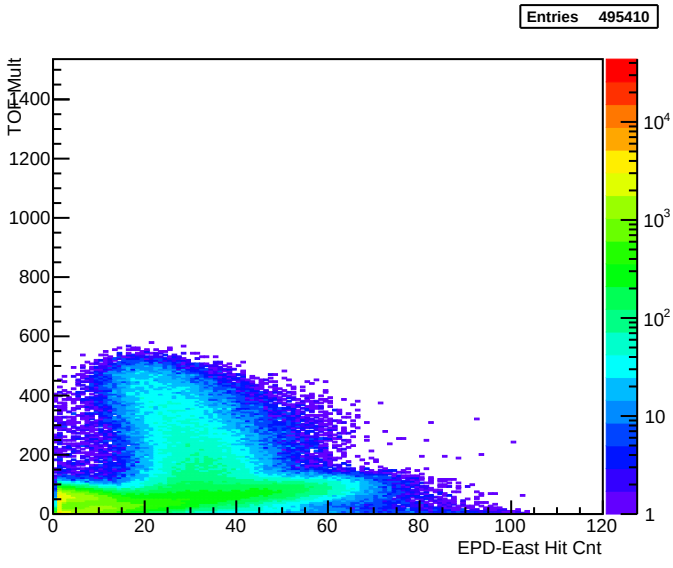

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

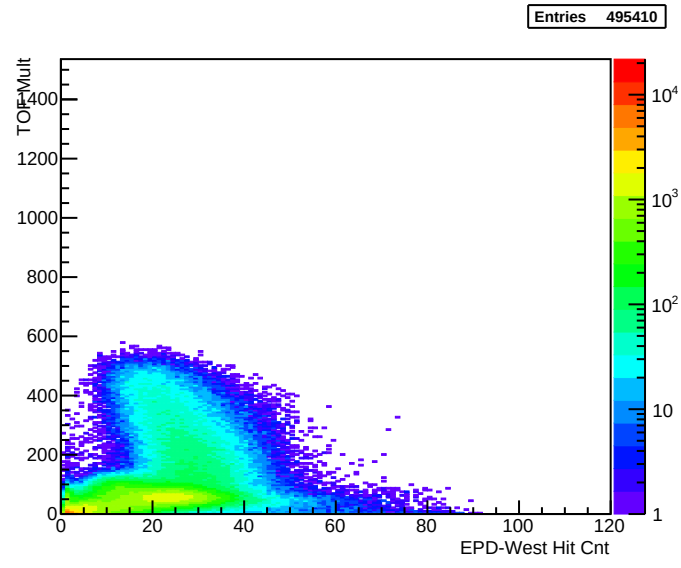

VT201 Input Ch4: VPD Adc Sum Th
Entries 990820
261800
385130
233610
110280
East
West

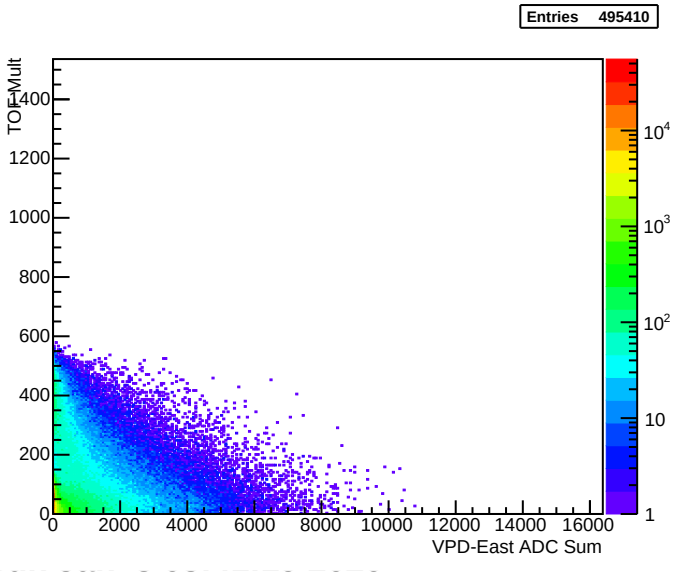

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

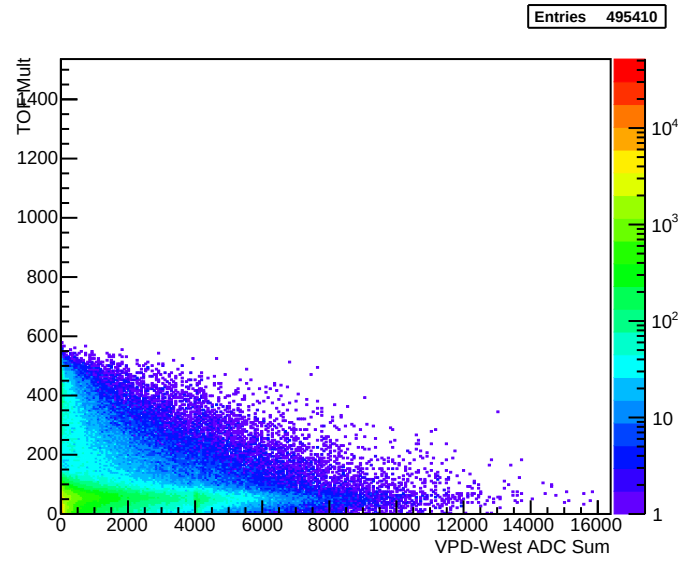

Entries 495410
TOF-Mult
BBC-S-East ADC Sum

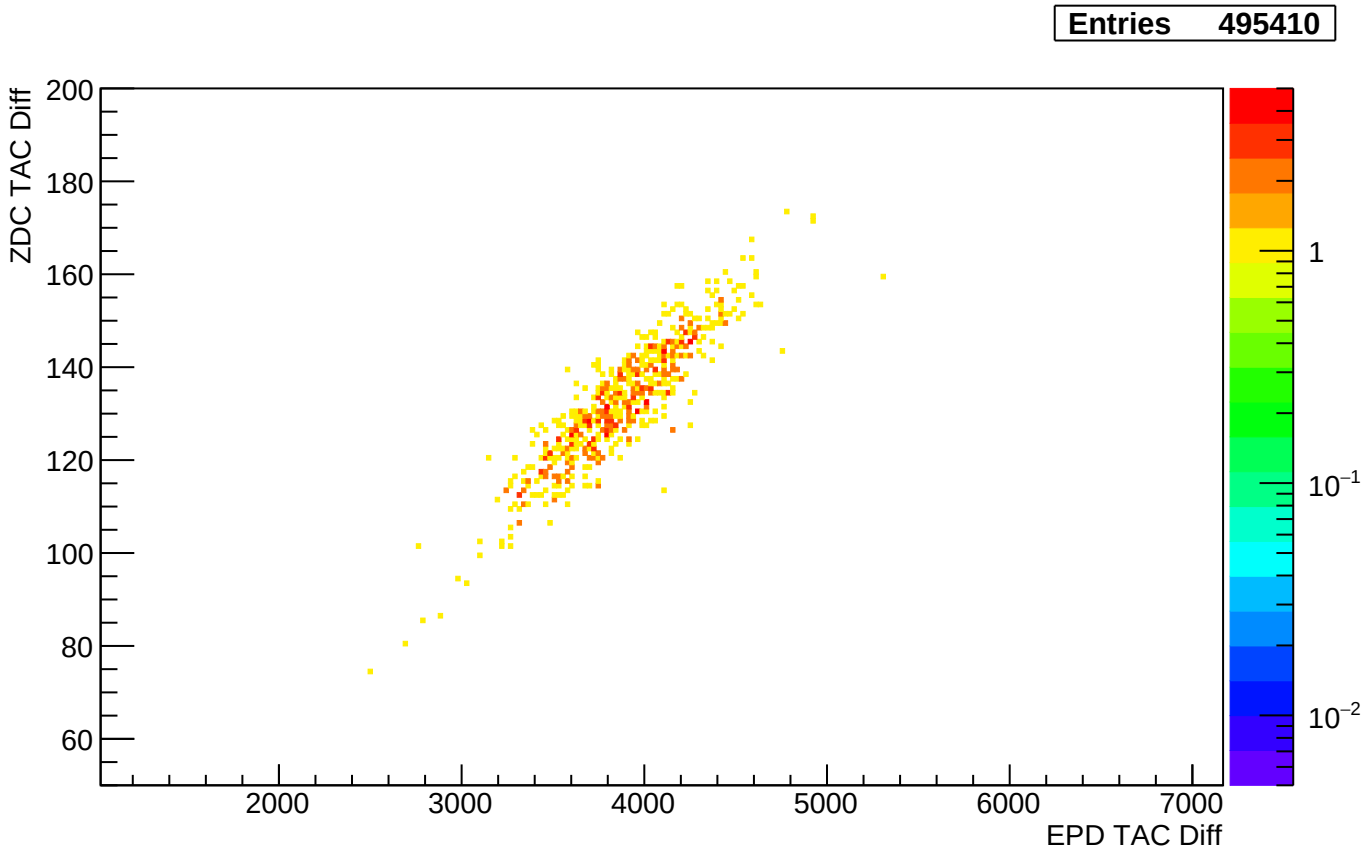

Entries 495410
TOF-Mult
BBC-S-West ADC Sum

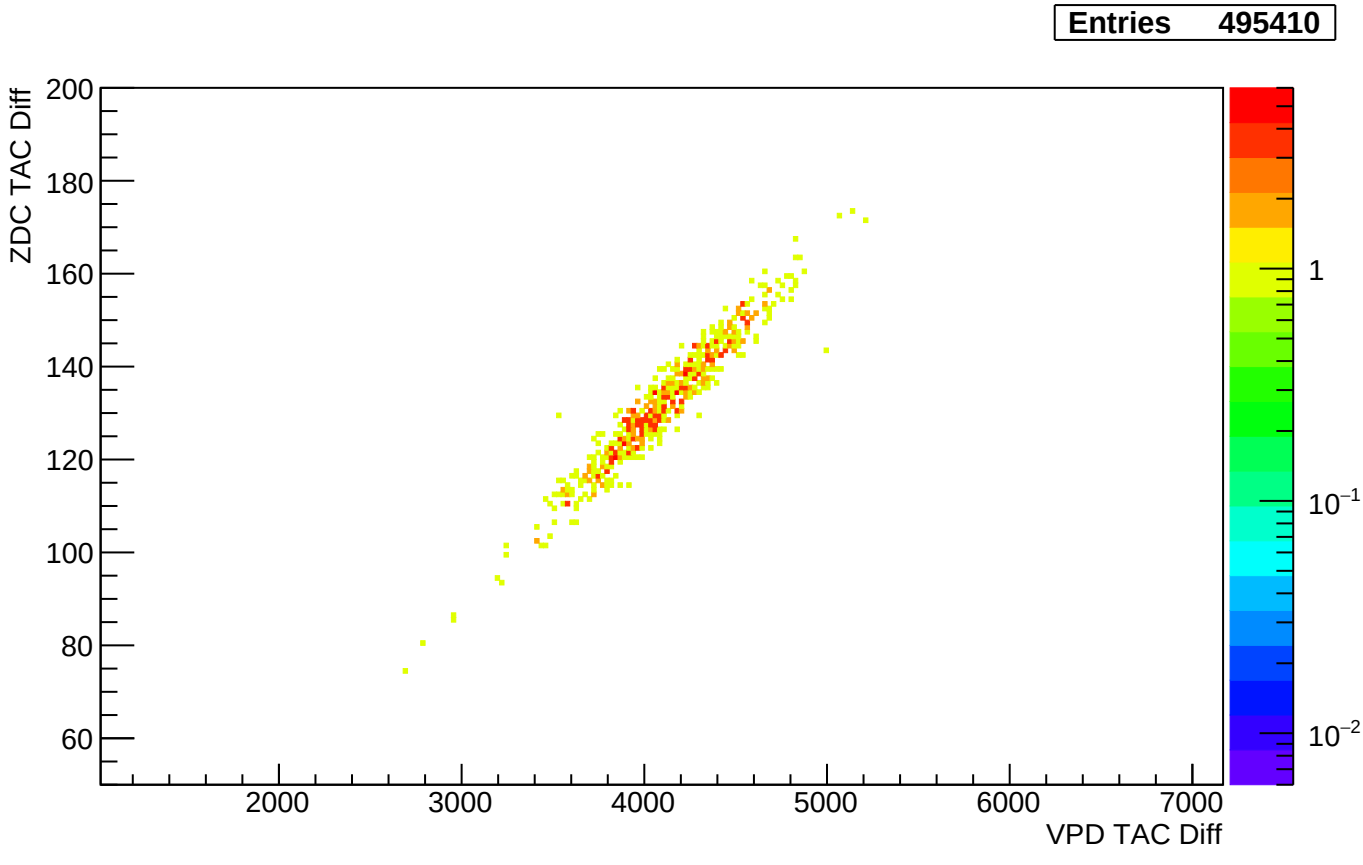

Entries 495410
TOF-Mult
EPD-East Hit Cnt

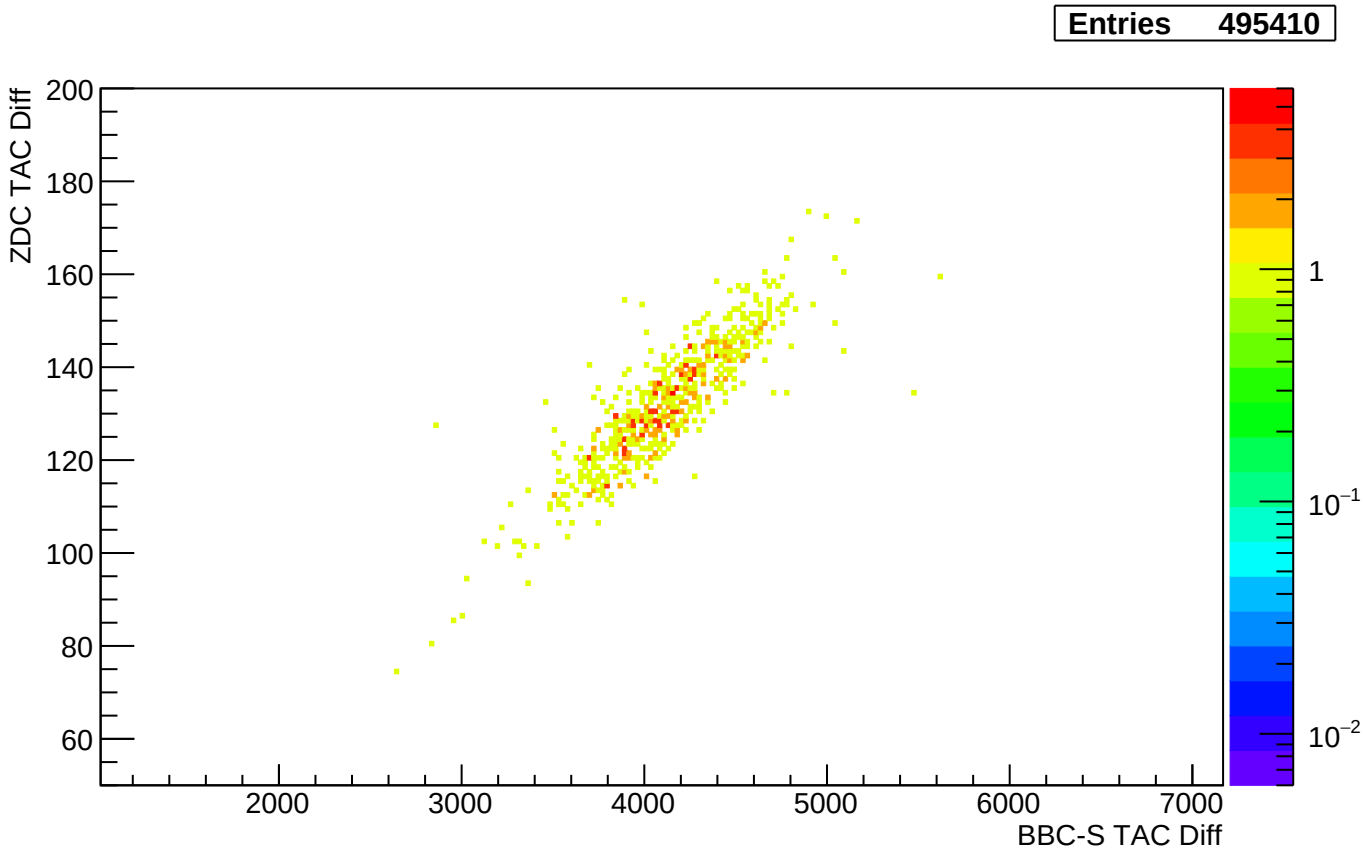

Entries 495410
TOF-Mult
EPD-West Hit Cnt

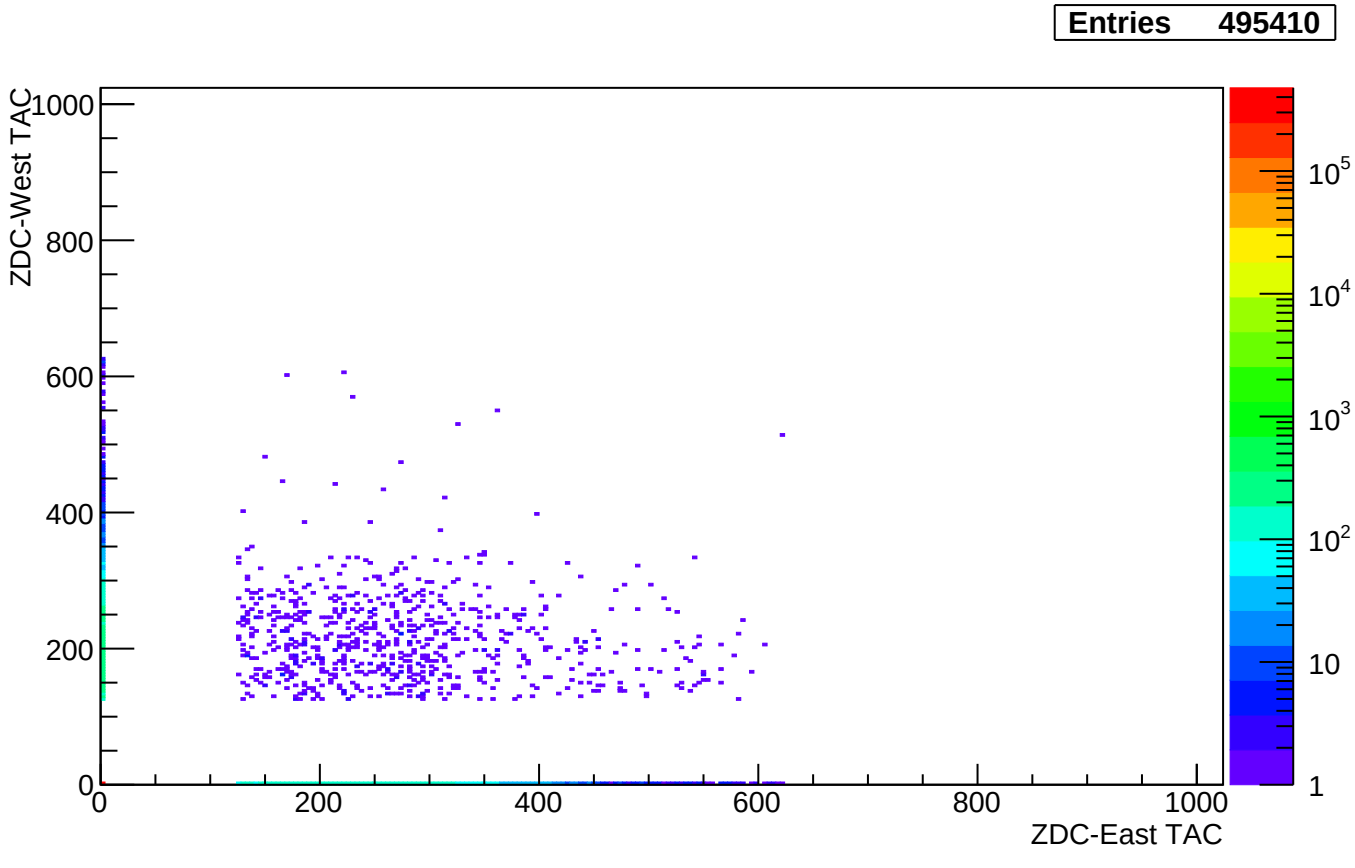

Entries 495410
TOF-Mult
VPD-East ADC Sum

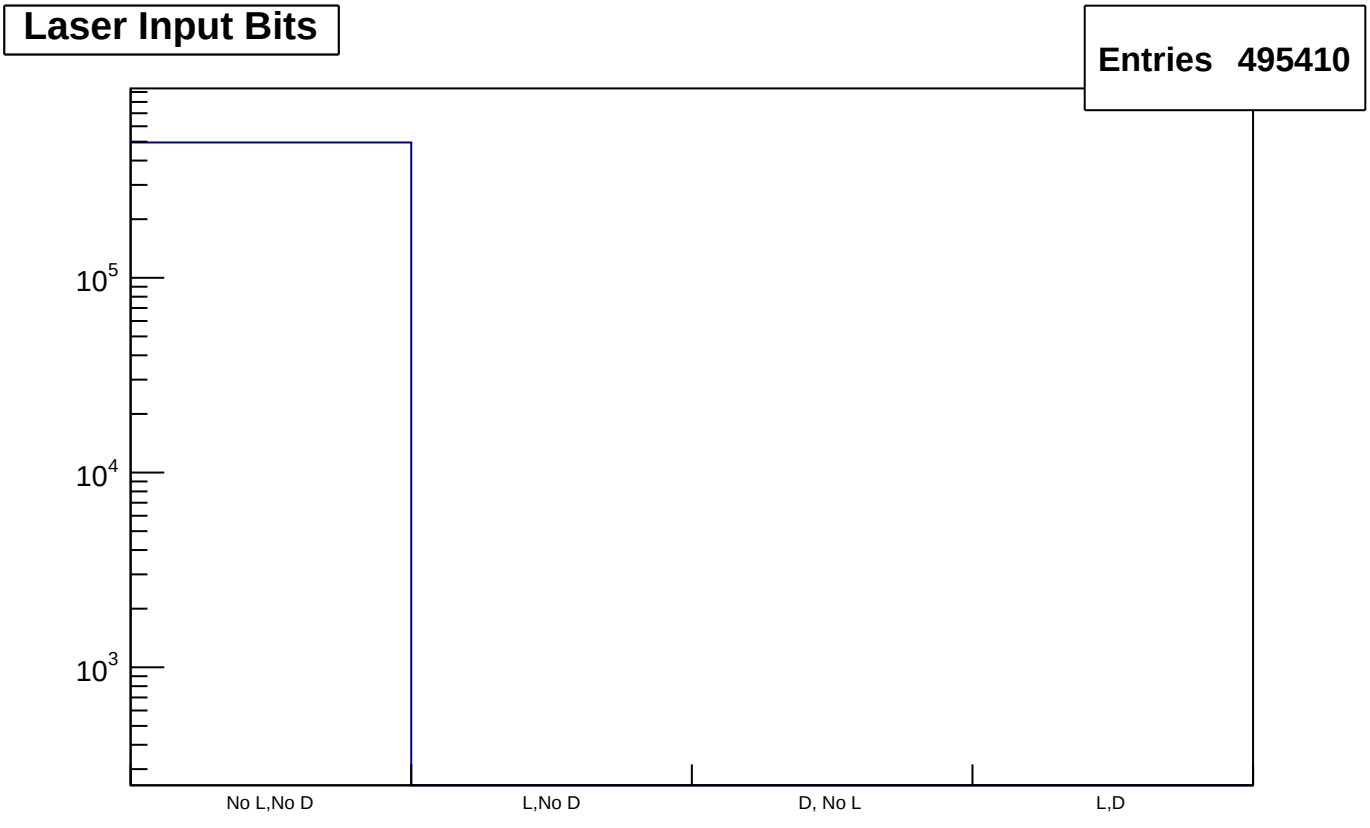

Entries 495410
TOF-Mult
VPD-West ADC Sum

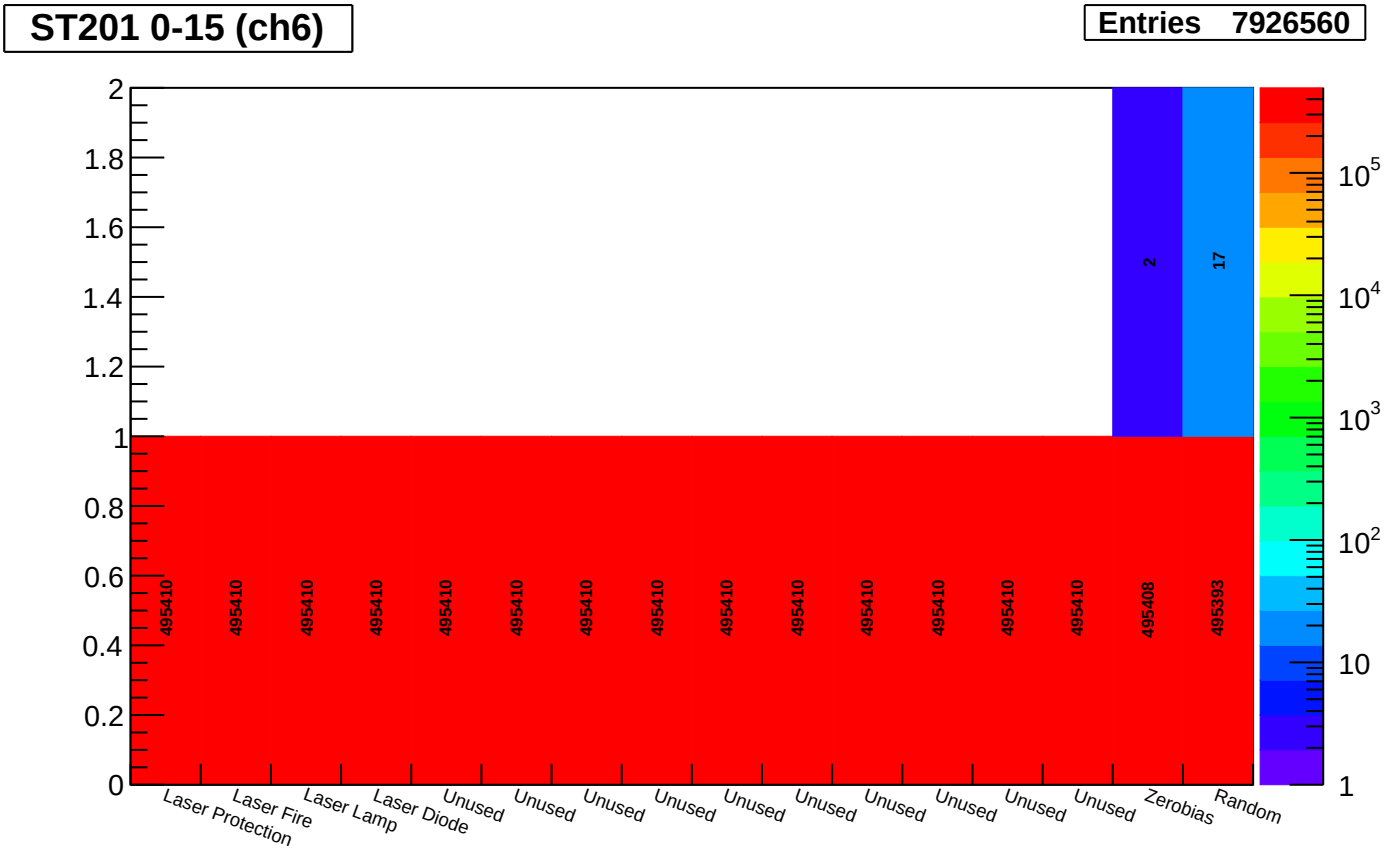

Entries 495410
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

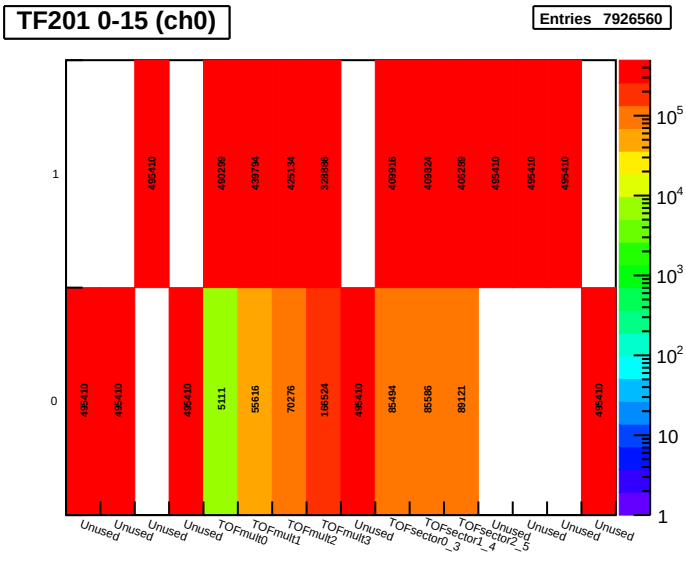

Entries 495410
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

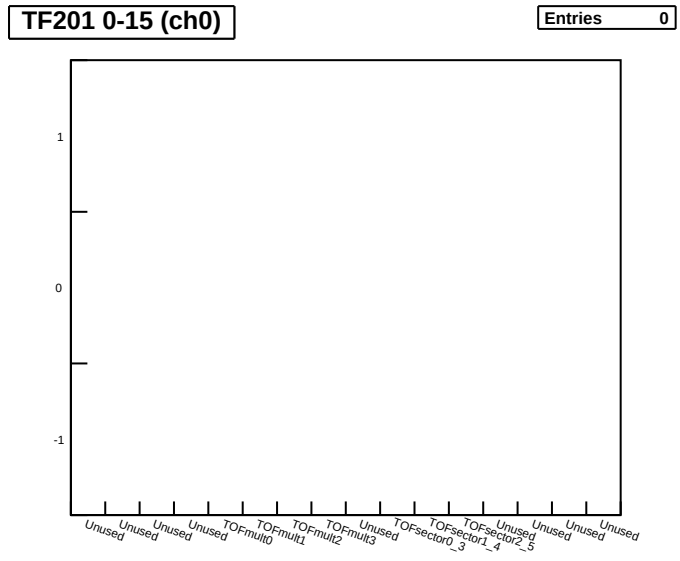

Entries 495410
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

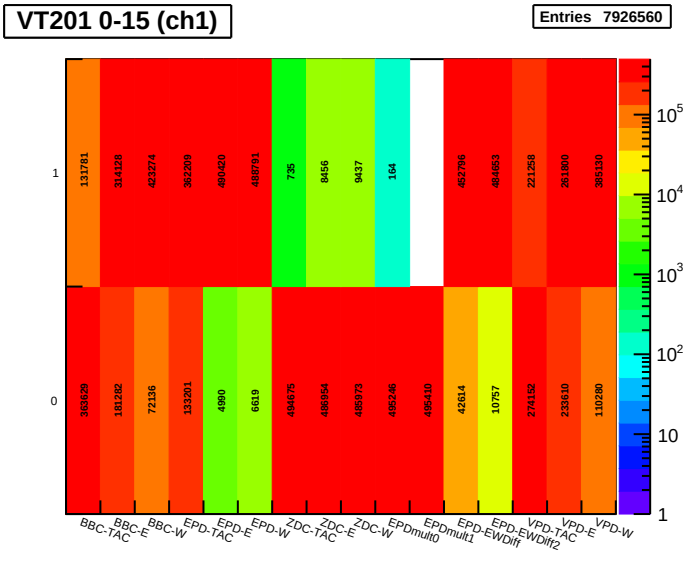

Entries 495410
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

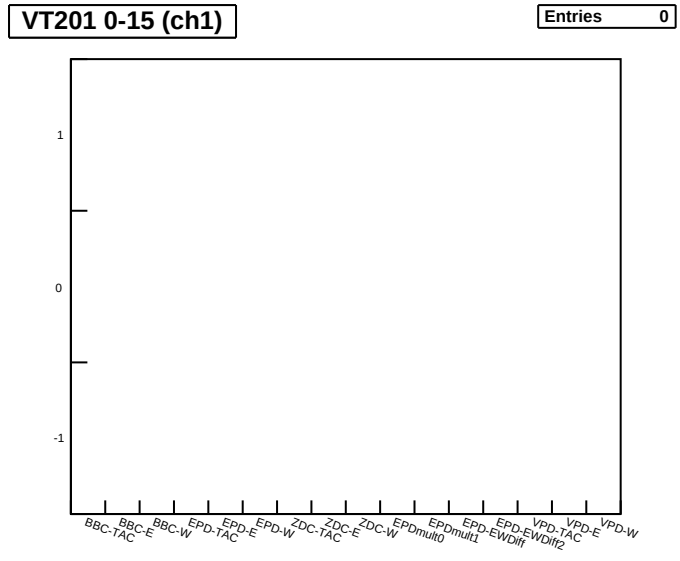

Laser Input Bits
Entries 495410
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

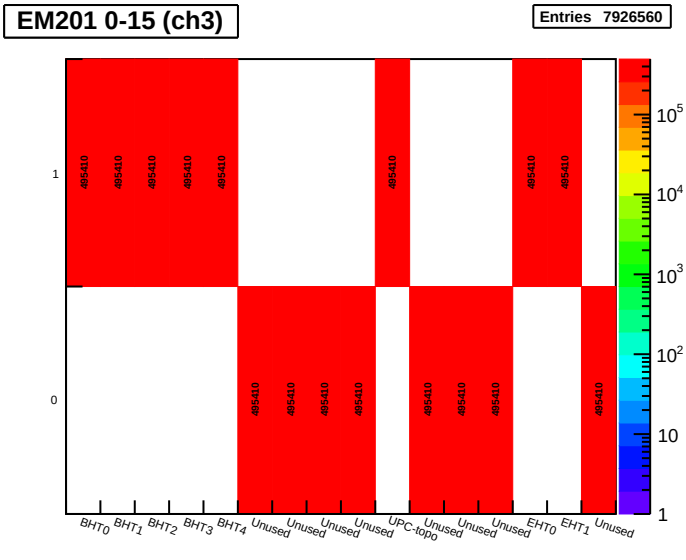

ST201 0-15 (ch6)
Entries 7926560
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
495410
495410
495410
495410
495410
495410
495410
495410
495410
495410
495410
495410
495410
495410
495408
495393
2
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

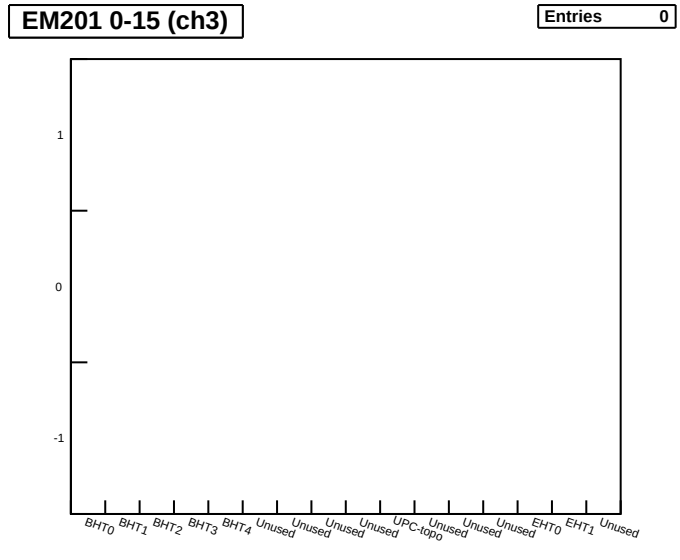

TF201 0-15 (ch0)
Entries 7926560
1
0
495410
430299
439794
425134
328886
409916
409824
406289
5111
55616
70276
166524
85494
85586
89121
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 7926560
1
0
131781
314128
423274
362299
490420
488791
735
8456
9437
164
452796
484653
221258
261800
385130
363629
181282
72136
133201
4990
6619
494675
488954
485973
495246
495410
42614
10757
274152
233610
110280
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
1
10
10^2
10^3
10^4
10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 7926560
1
0
495410
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1