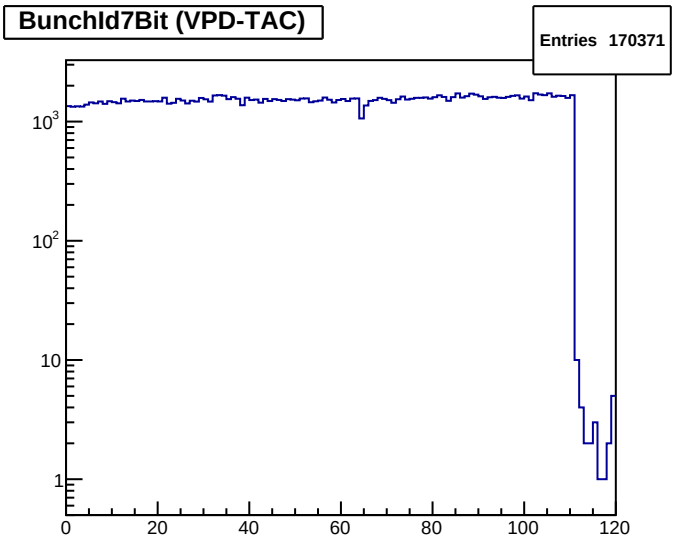
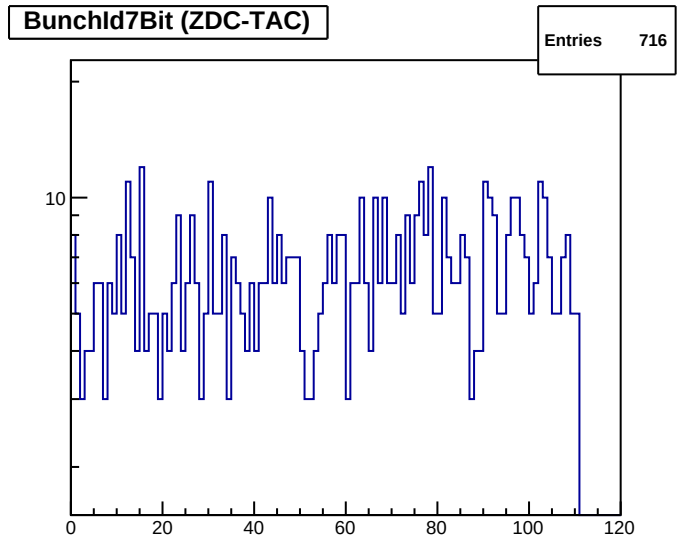
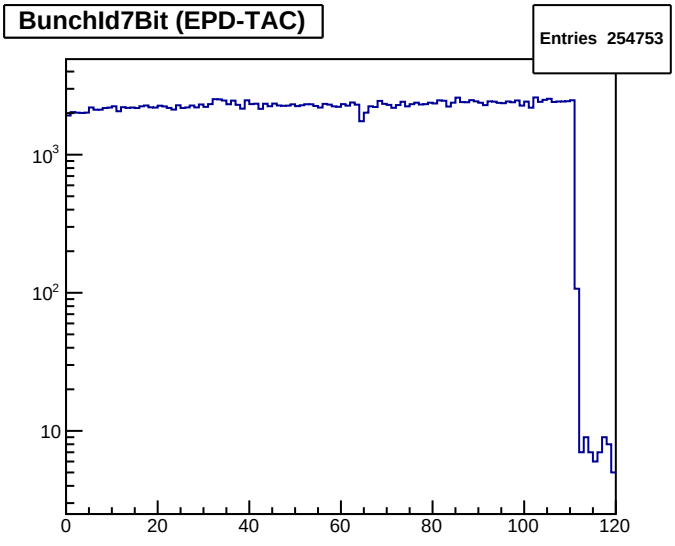
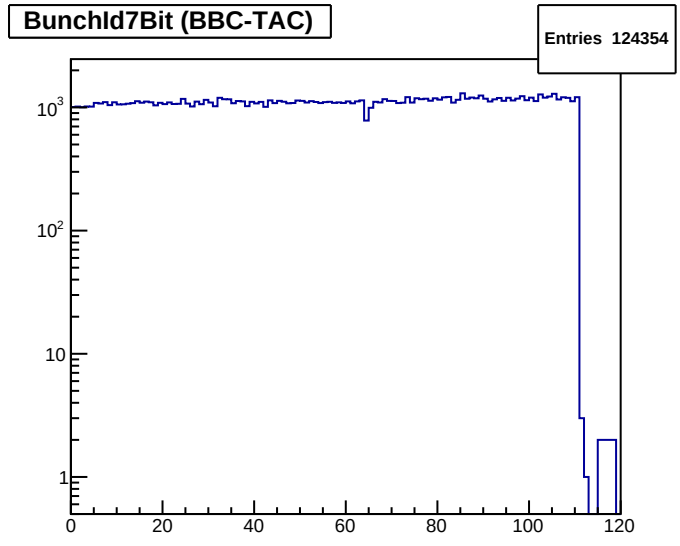
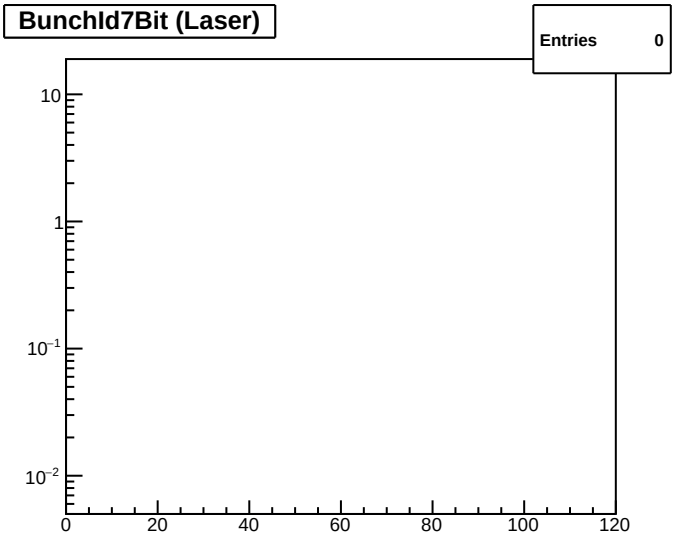
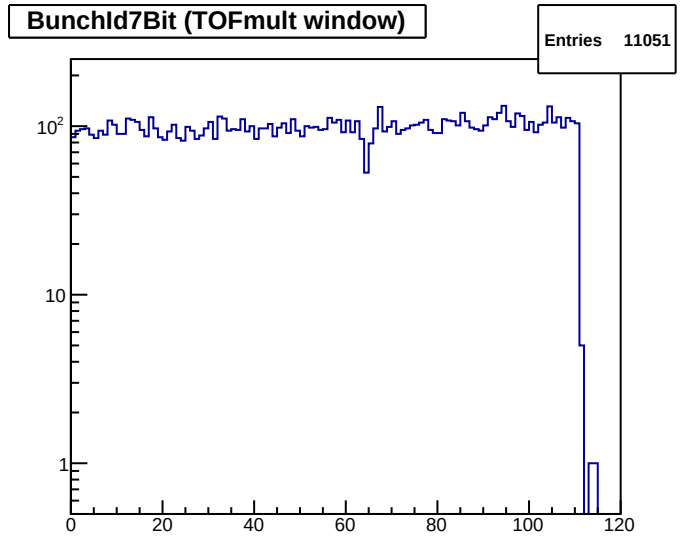

BunchId7Bit (VPD-TAC)
Entries 170371

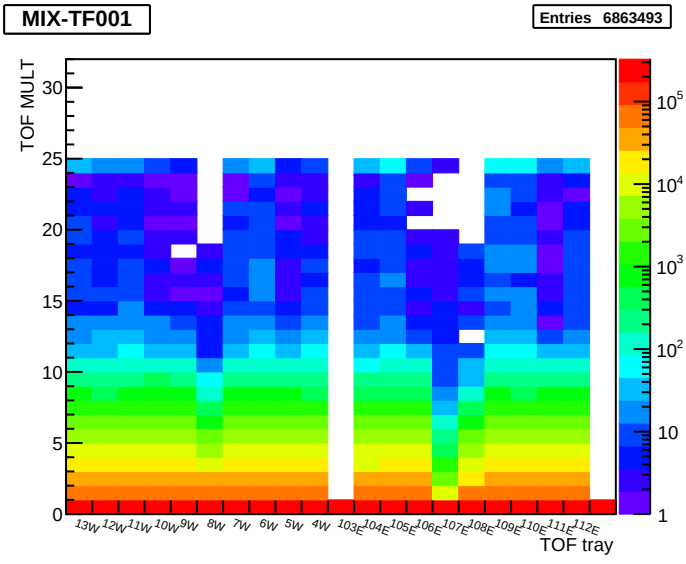

BunchId7Bit (ZDC-TAC)
Entries 716

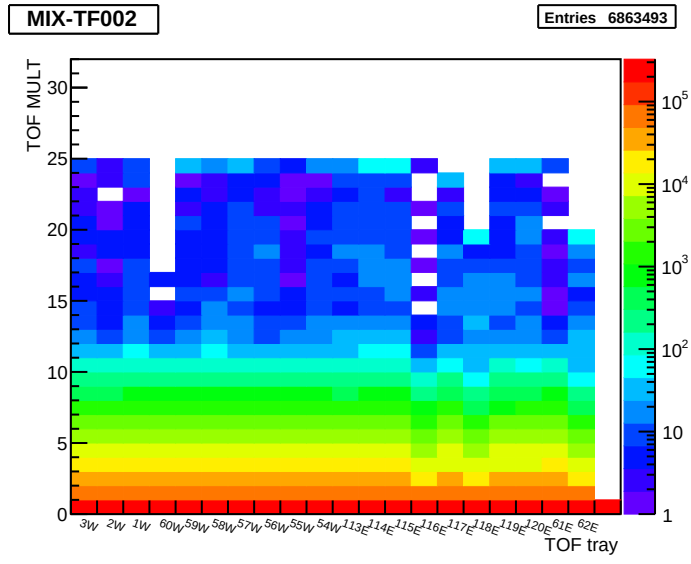

BunchId7Bit (EPD-TAC)
Entries 254753

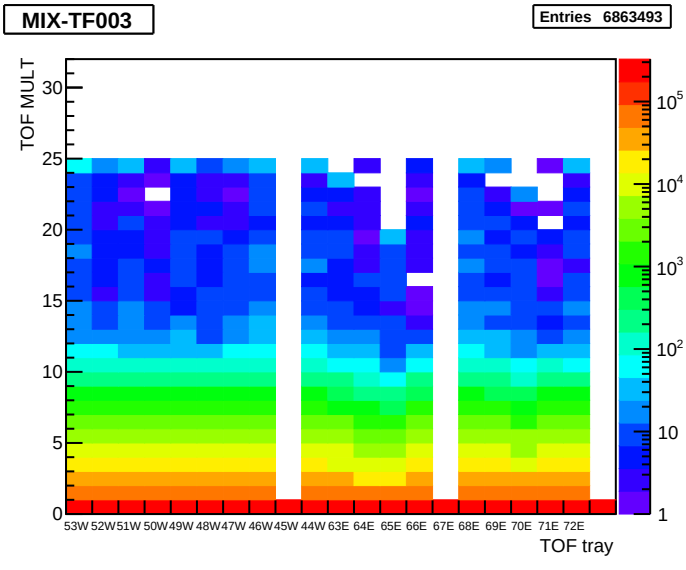

BunchId7Bit (BBC-TAC)
Entries 124354

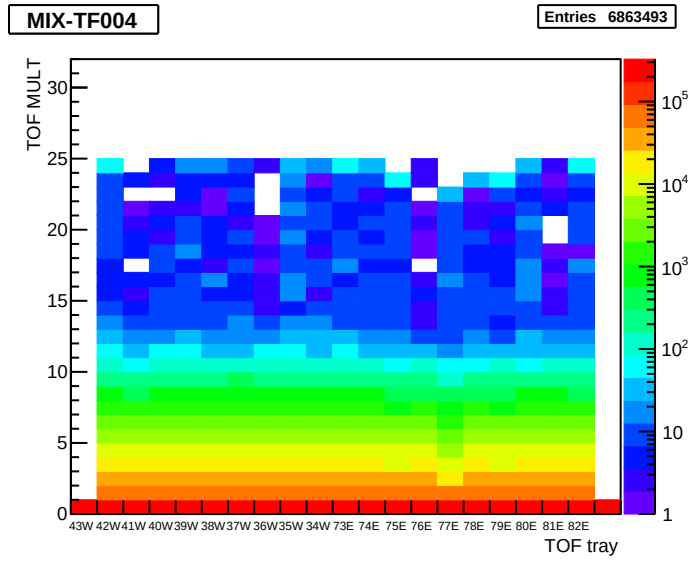

BunchId7Bit (Laser)
Entries 0

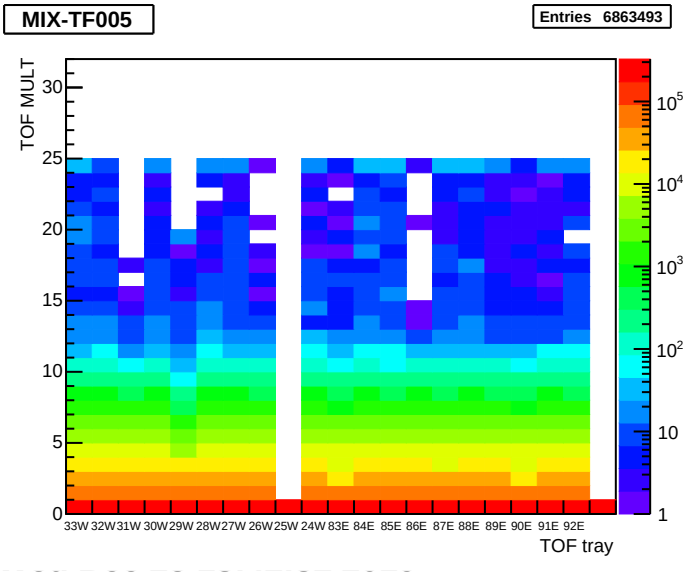

BunchId7Bit (TOFmult window)
Entries 11051

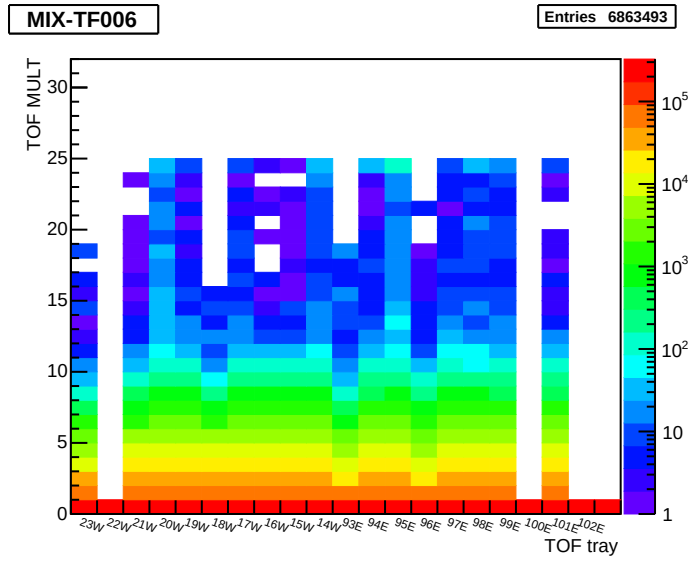

MIX-TF001
Entries 6863493
TOF MULT
TOF tray

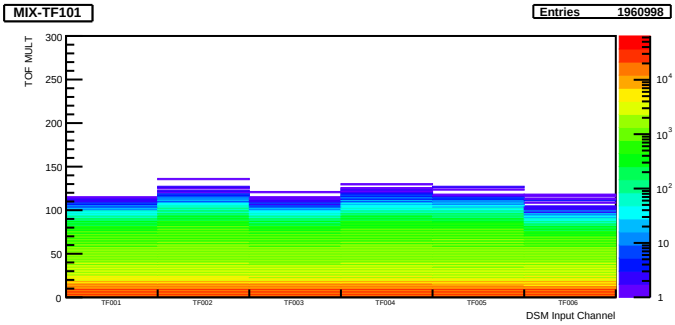

MIX-TF002
Entries 6863493
TOF MULT
TOF tray

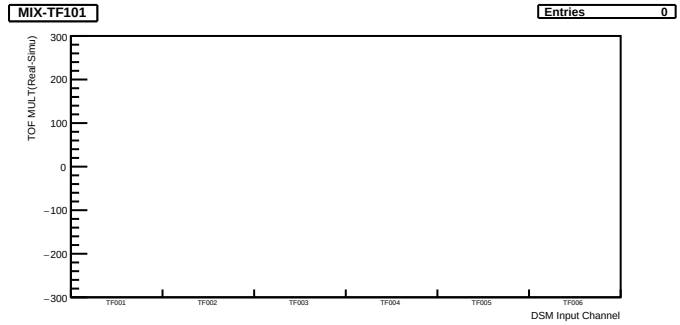

MIX-TF003
Entries 6863493
TOF MULT
TOF tray

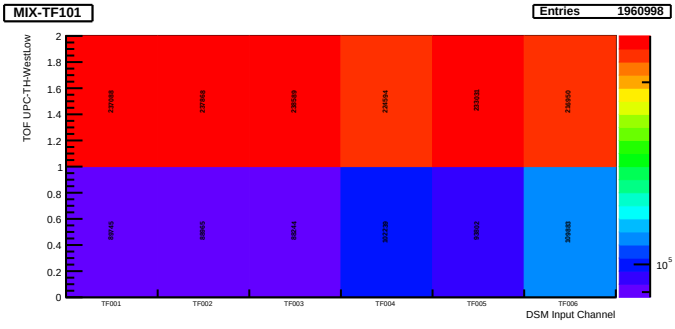

MIX-TF004
Entries 6863493
TOF MULT
TOF tray

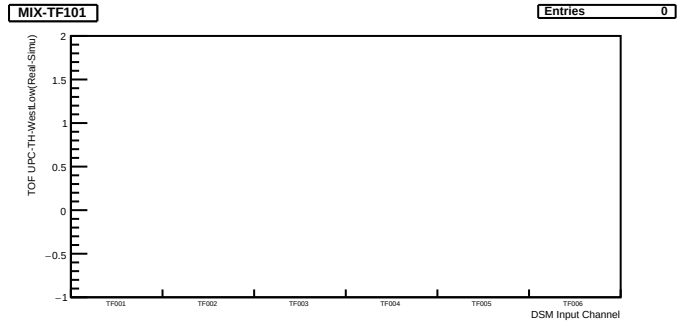

MIX-TF005
Entries 6863493
TOF MULT
TOF tray

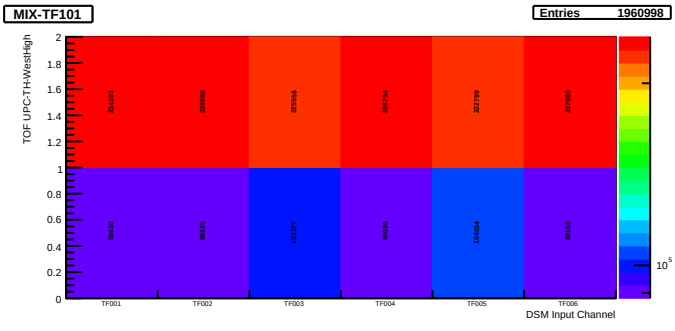

MIX-TF006
Entries 6863493
TOF MULT
TOF tray

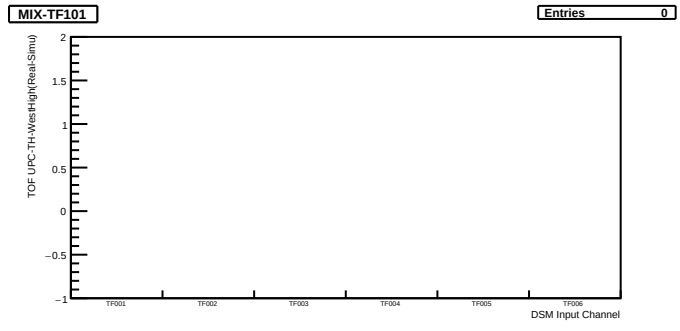

MIX-TF101
Entries 1960998
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

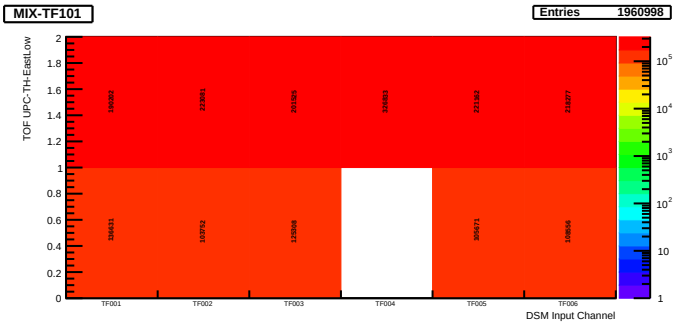

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

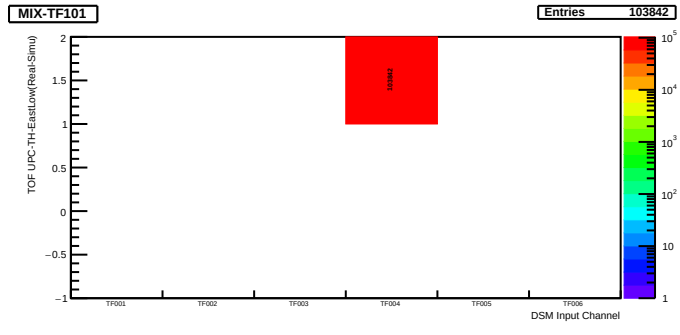

MIX-TF101
Entries 1960998
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

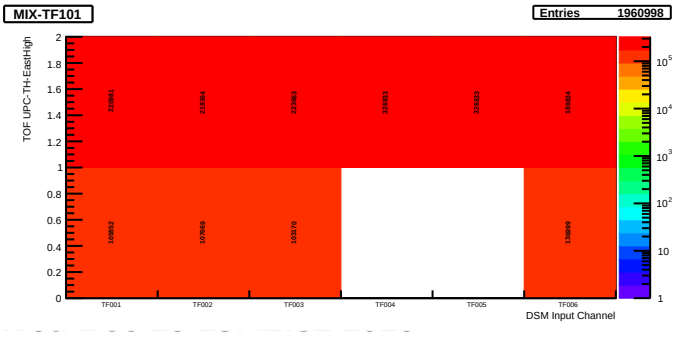

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

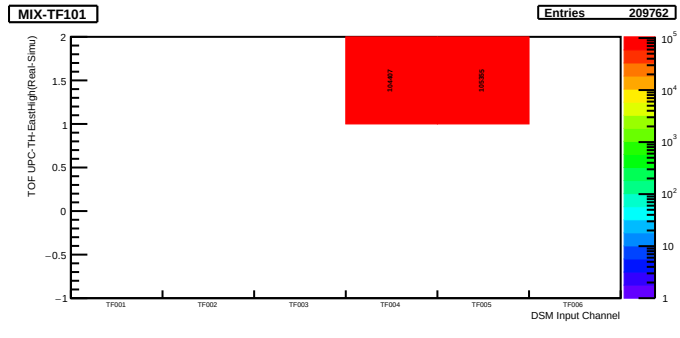

MIX-TF101
Entries 1960998
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

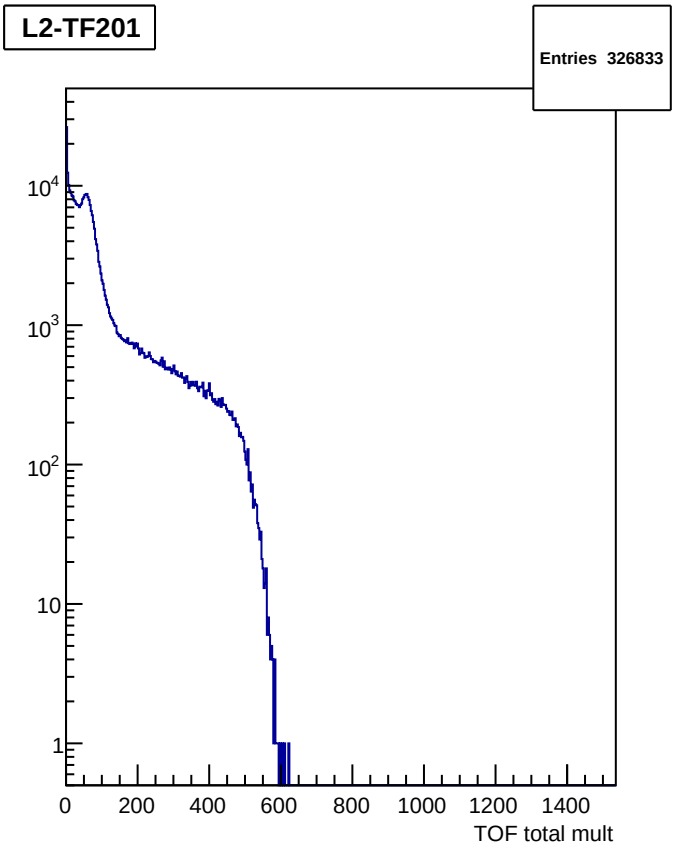

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

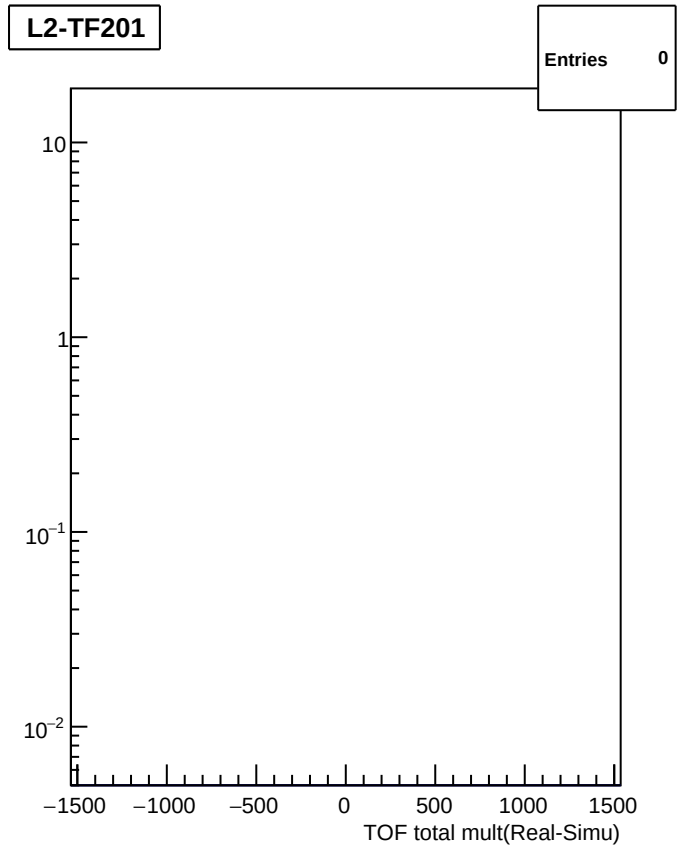

MIX-TF101
Entries 1960998
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

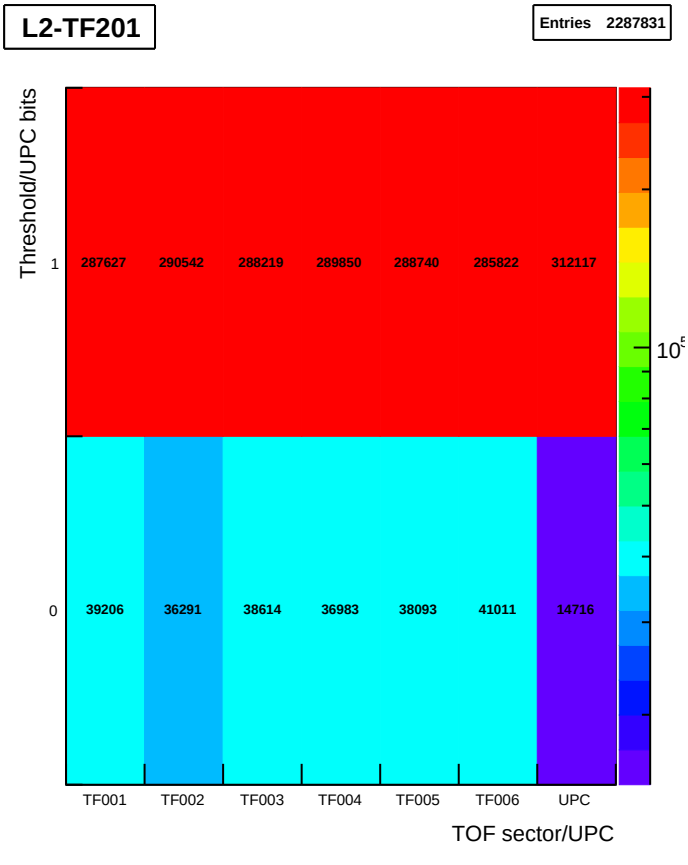

MIX-TF101
Entries 103842
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

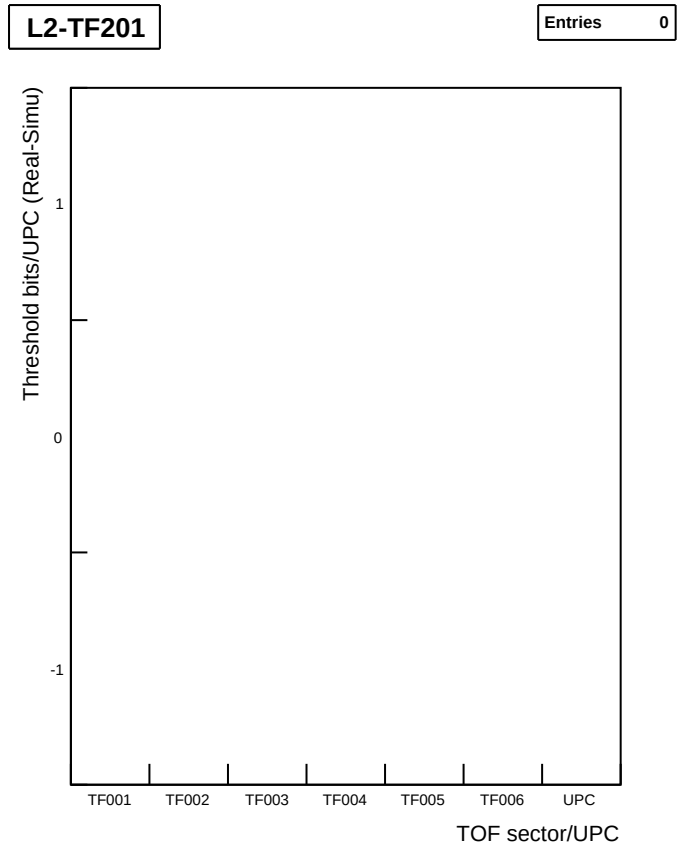

MIX-TF101
Entries 1960998
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

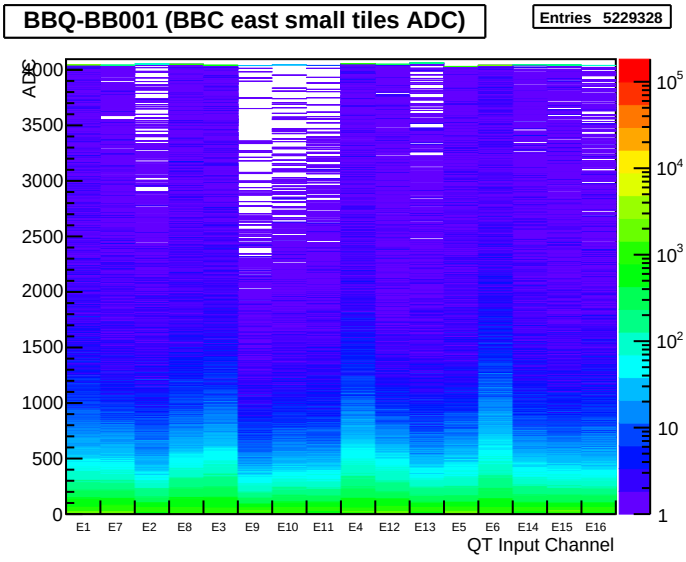

MIX-TF101
Entries 209762
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

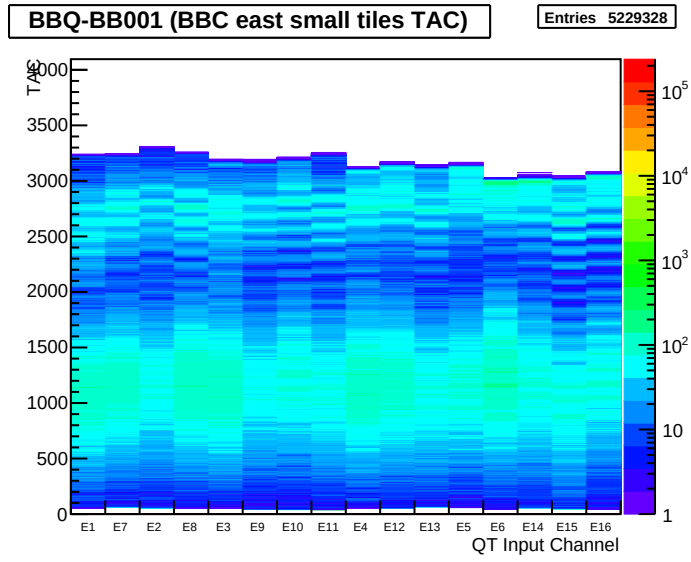

L2-TF201
Entries 326833
TOF total mult

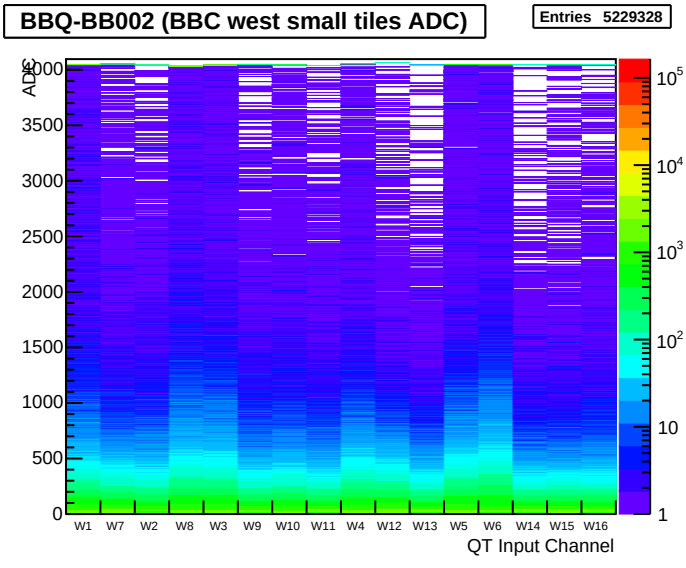

L2-TF201
Entries 0
TOF total mult(Real-Simu)

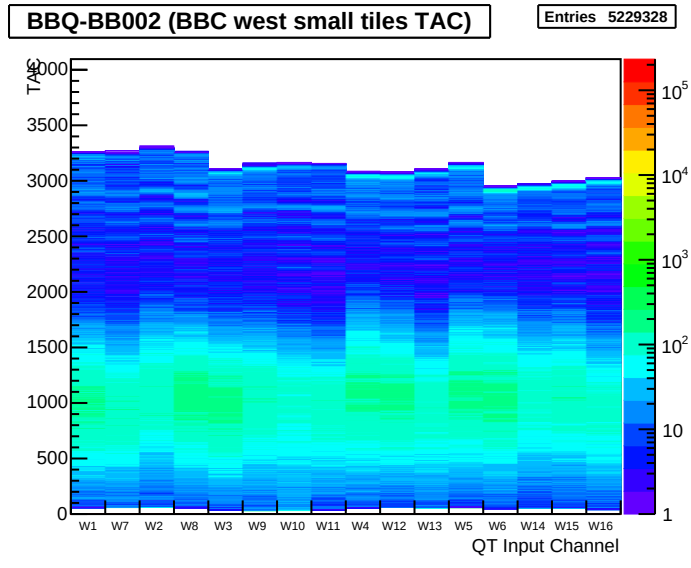

L2-TF201
Entries 2287831
Threshold/UPC bits
287627
290542
288219
289850
288740
285822
312117
39206
36291
38614
36983
38093
41011
14716
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

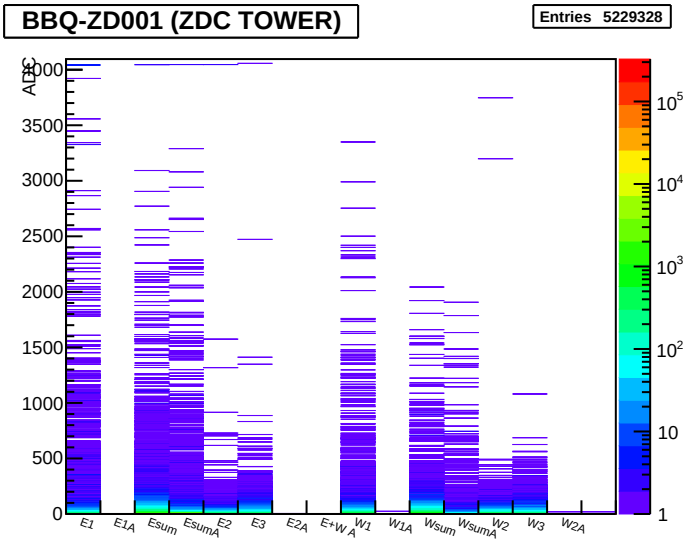

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

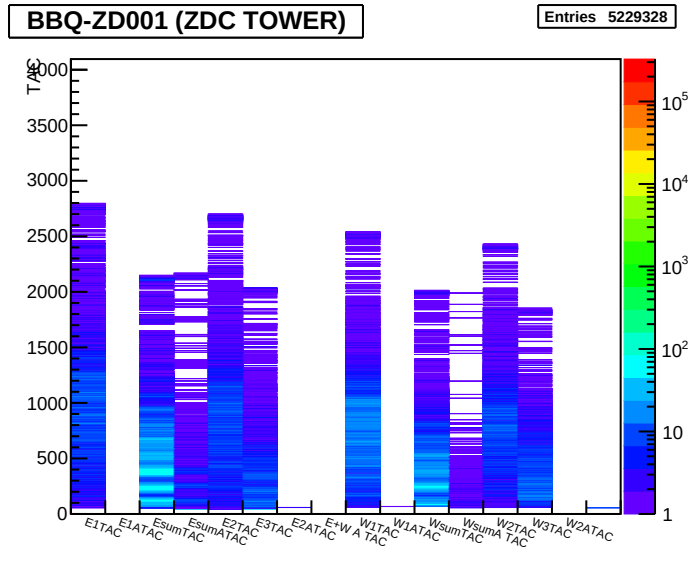

BBQ-BB001 (BBC east small tiles ADC)
Entries 5229328
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

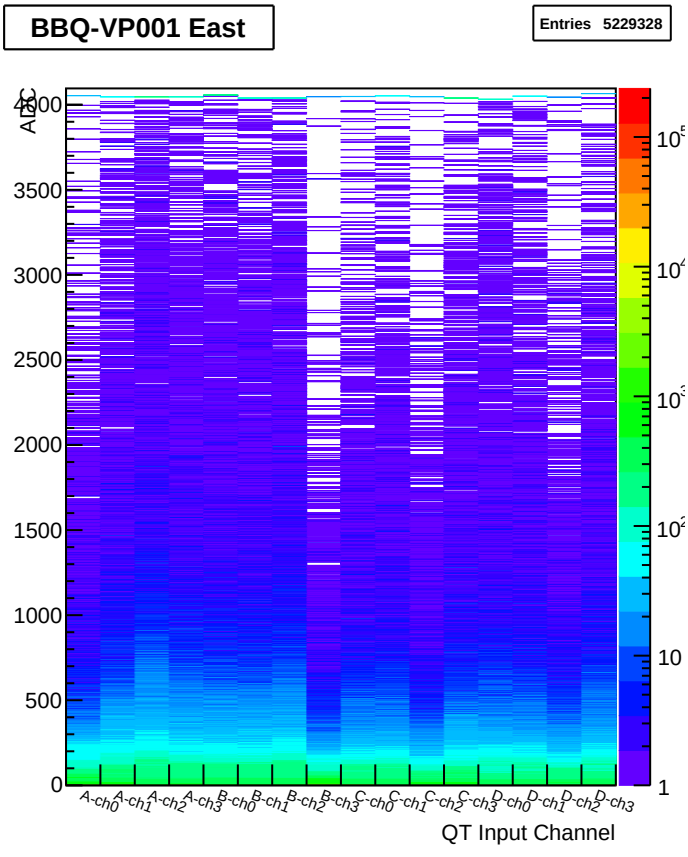

BBQ-BB001 (BBC east small tiles TAC)
Entries 5229328
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

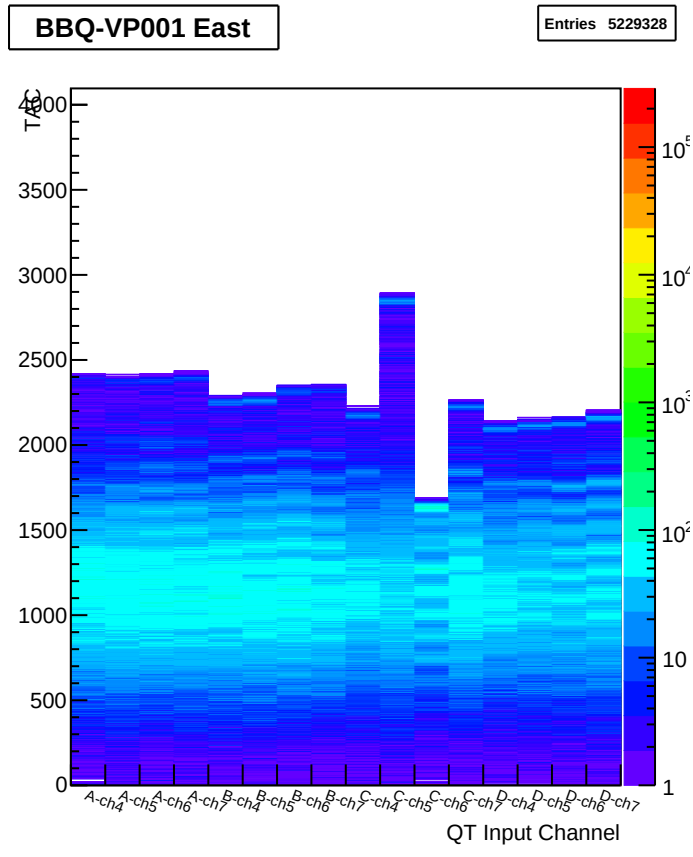

BBQ-BB002 (BBC west small tiles ADC)
Entries 5229328
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

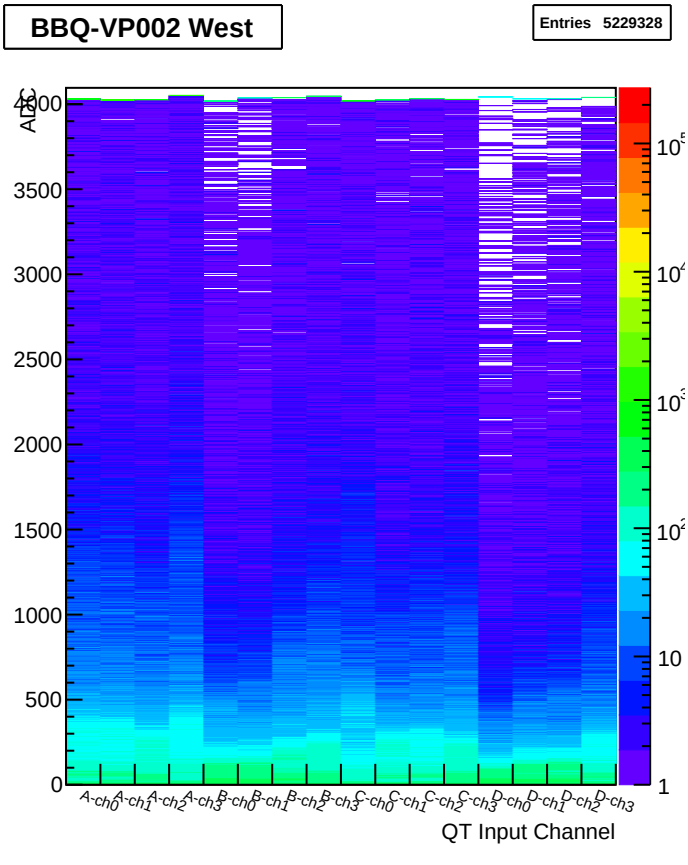

BBQ-BB002 (BBC west small tiles TAC)
Entries 5229328
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

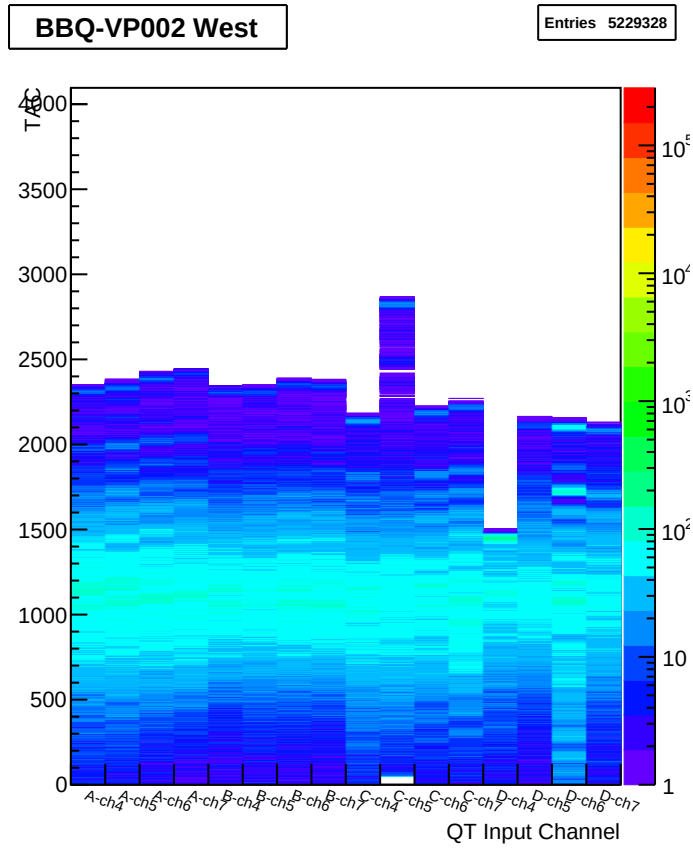

BBQ-ZD001 (ZDC TOWER)
Entries 5229328
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

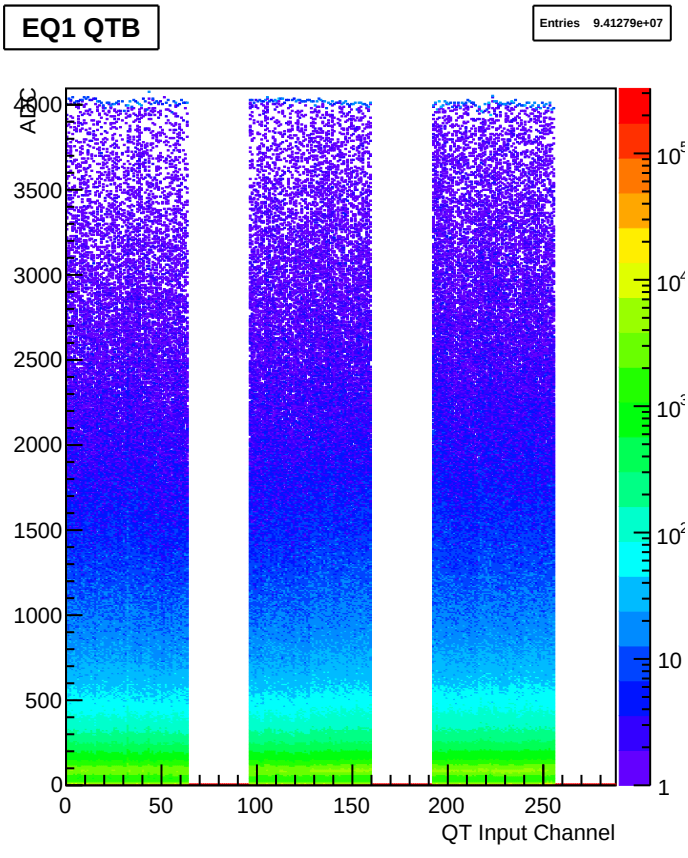

BBQ-ZD001 (ZDC TOWER)
Entries 5229328
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

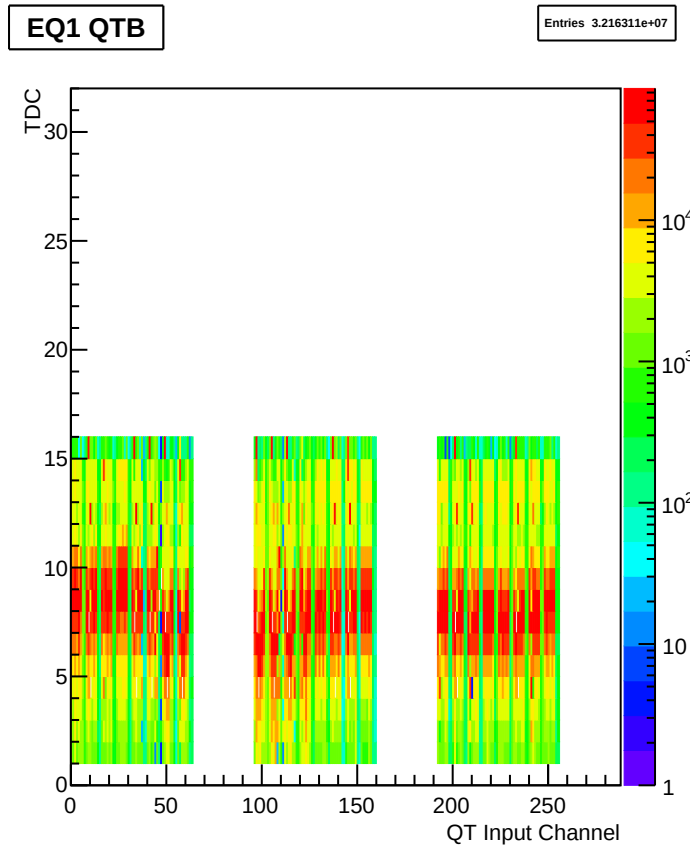

BBQ-VP001 East
Entries 5229328
ADC
QT Input Channel

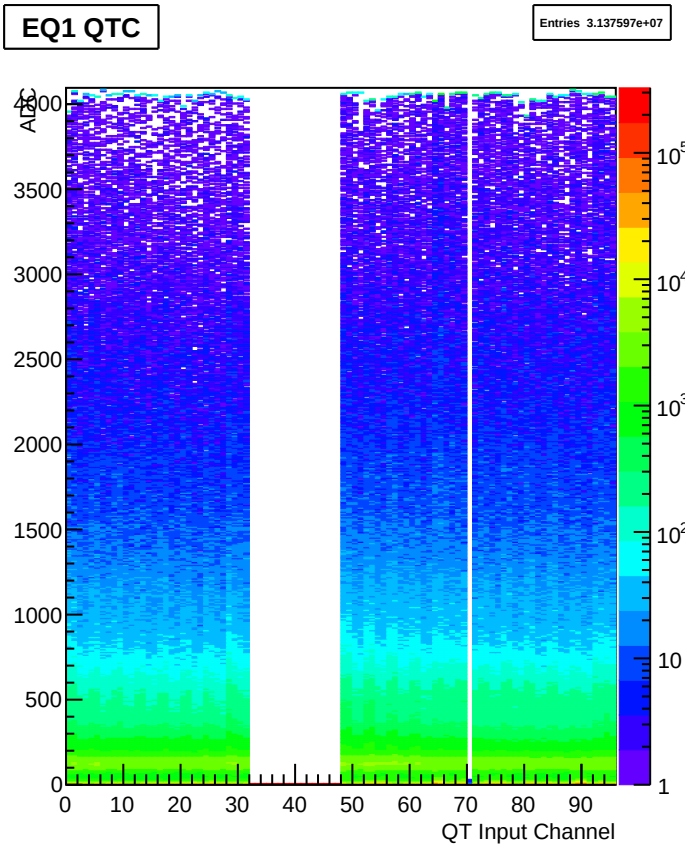

BBQ-VP001 East
Entries 5229328
ADC
QT Input Channel

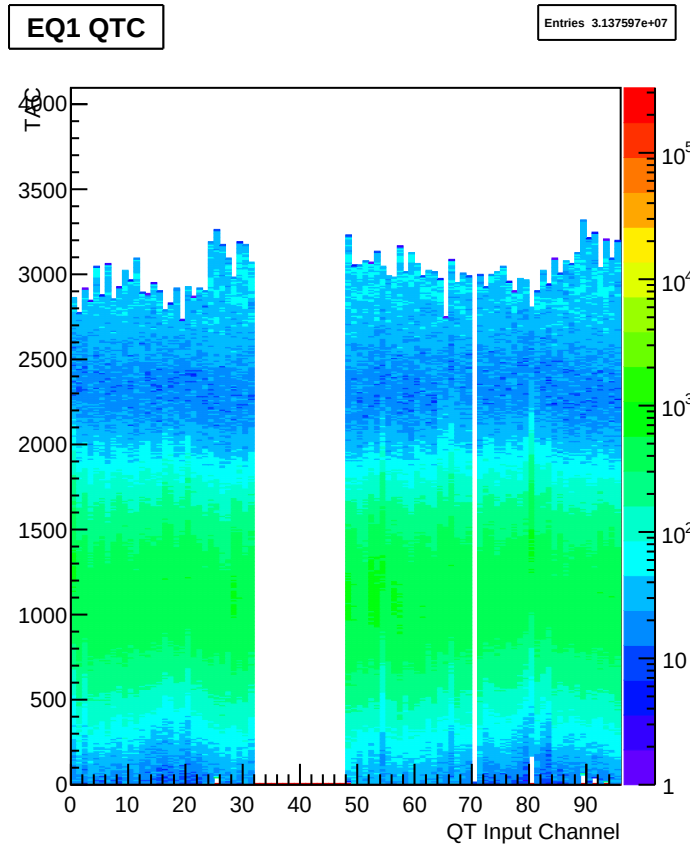

BBQ-VP002 West
Entries 5229328
ADC
QT Input Channel

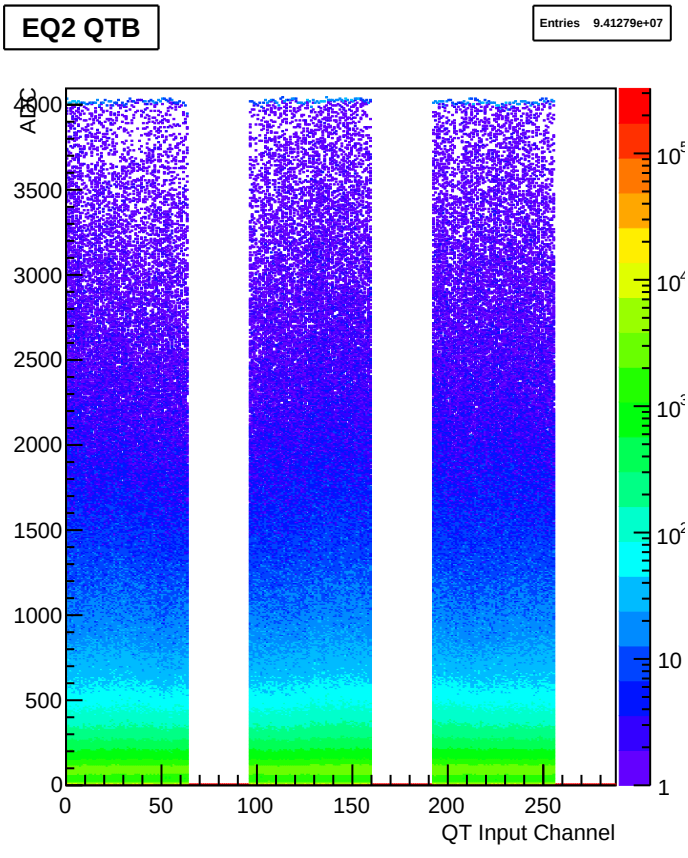

BBQ-VP002 West
Entries 5229328
ADC
QT Input Channel

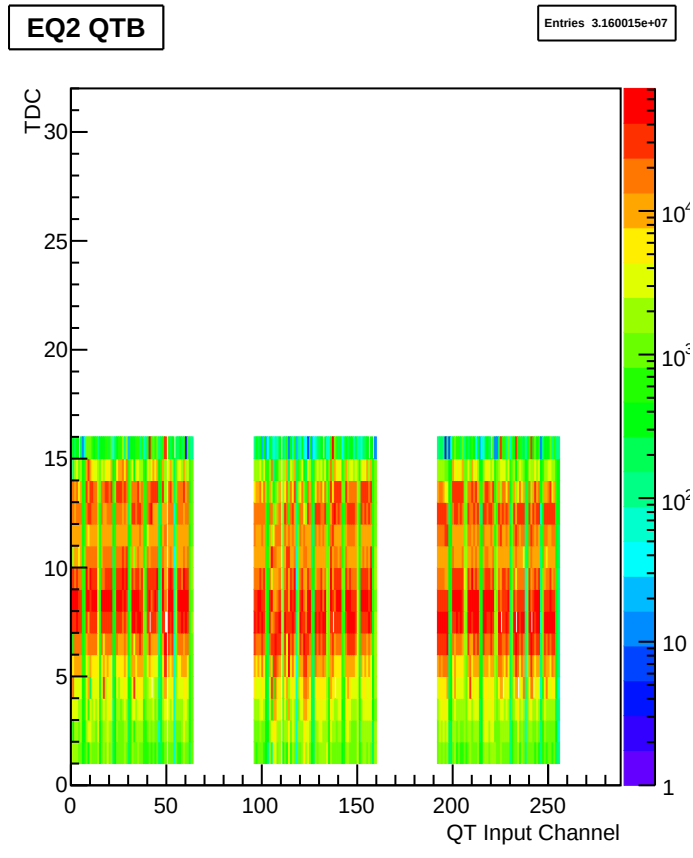

EQ1 QTB
Entries 9.41279e+07
ADC
QT Input Channel

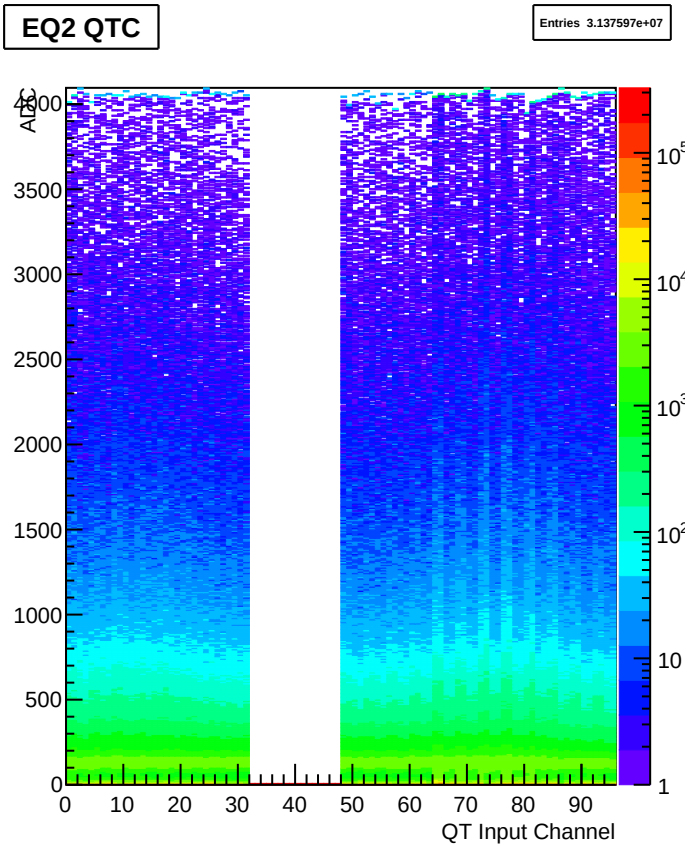

EQ1 QTB
Entries 3.216311e+07
TDC
QT Input Channel

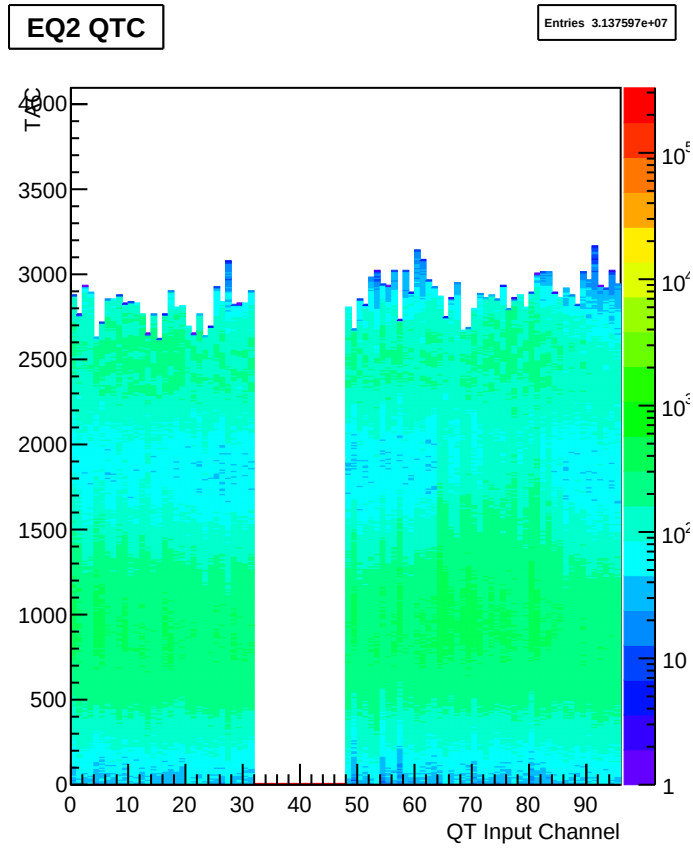

EQ1 QTC
Entries 3.137597e+07
ADC
QT Input Channel

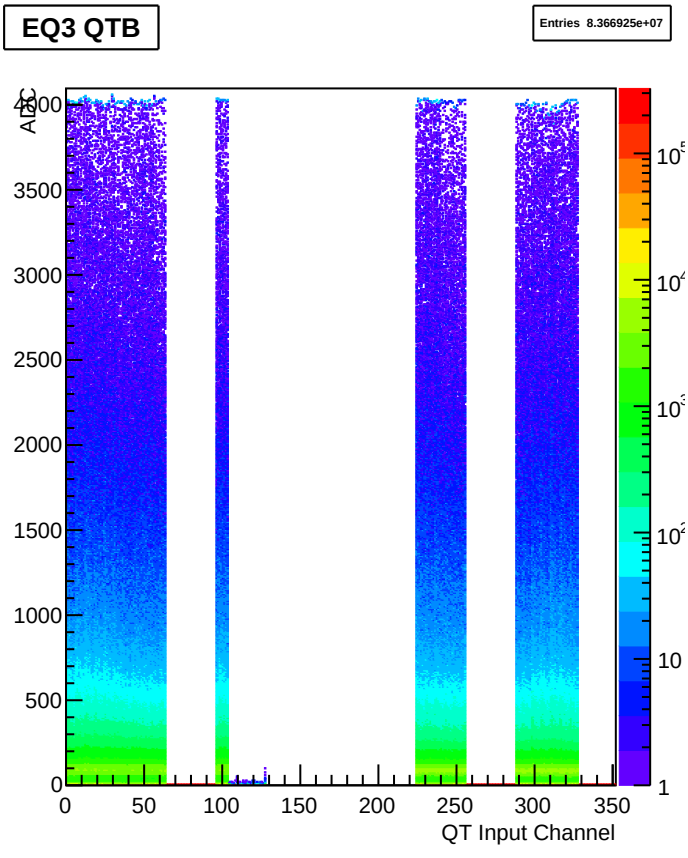

EQ1 QTC
Entries 3.137597e+07
TADC
QT Input Channel

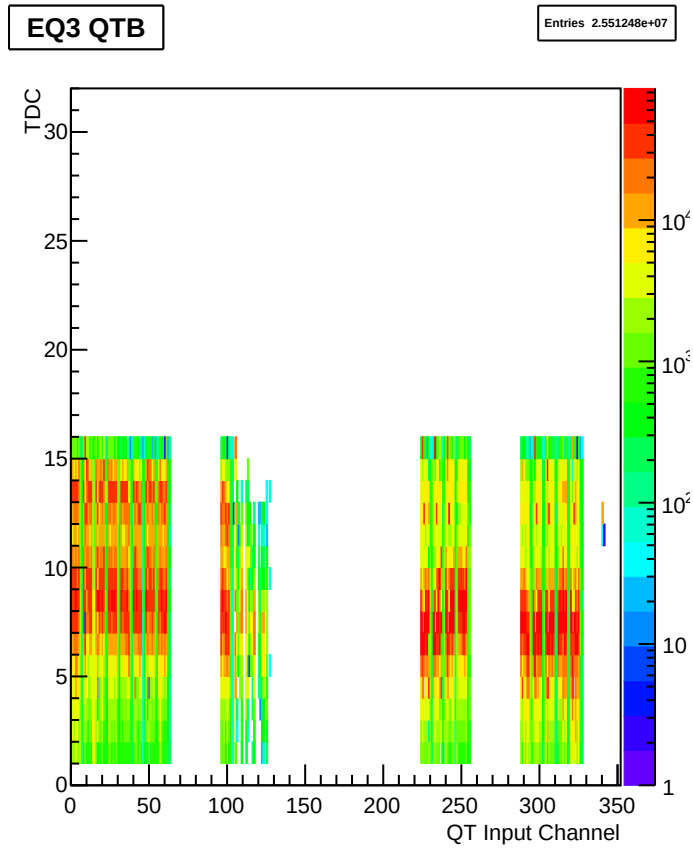

EQ2 QTB
Entries 9.41279e+07
ADC
QT Input Channel

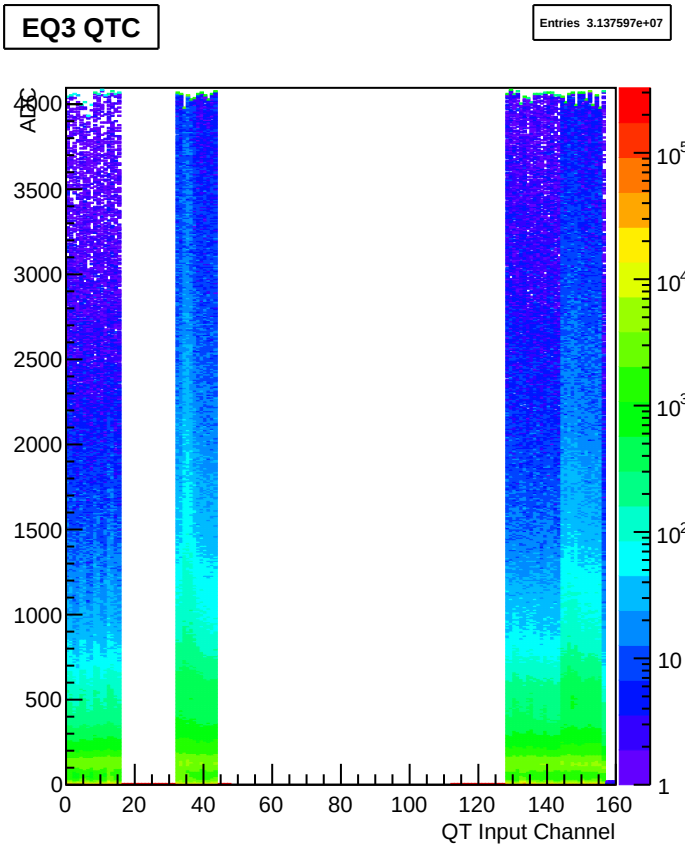

EQ2 QTB
Entries 3.160015e+07
TDC
QT Input Channel

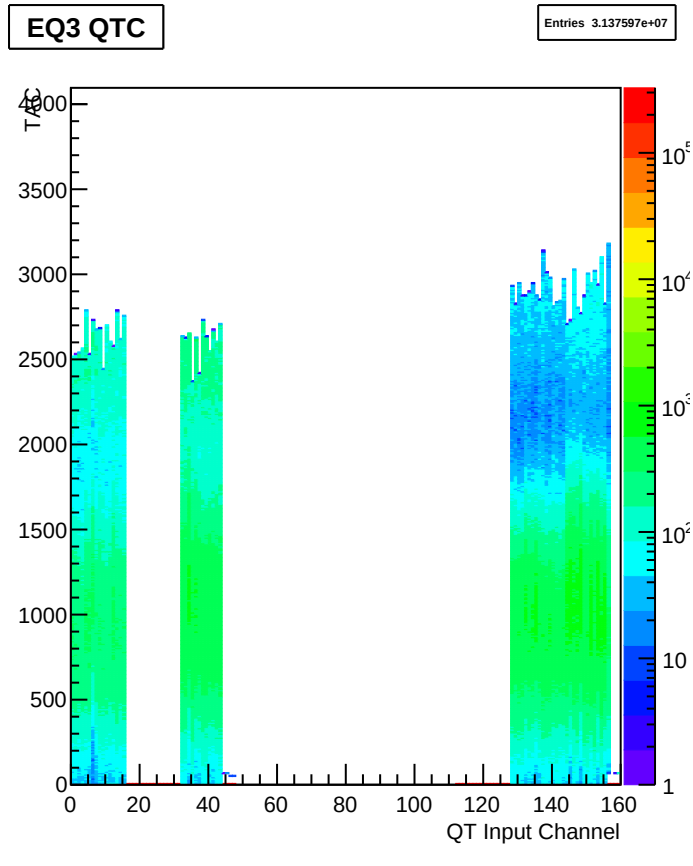

EQ2 QTC
Entries 3.137597e+07
ADC
QT Input Channel

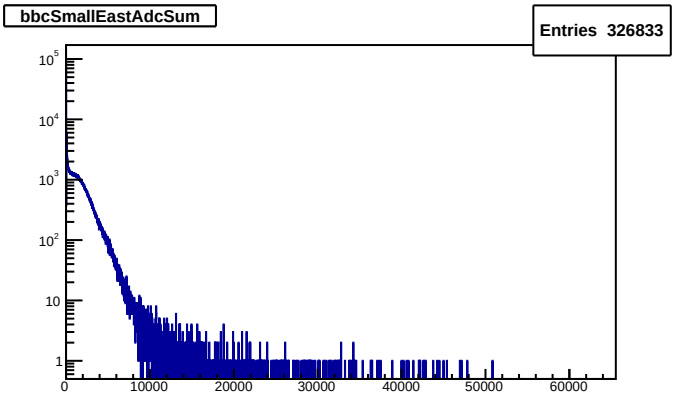

EQ2 QTC
Entries 3.137597e+07
TADC
QT Input Channel

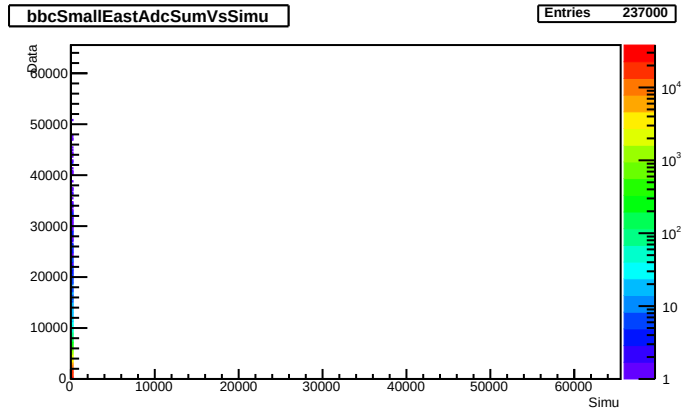

EQ3 QTB
Entries 8.366925e+07
ADC
QT Input Channel

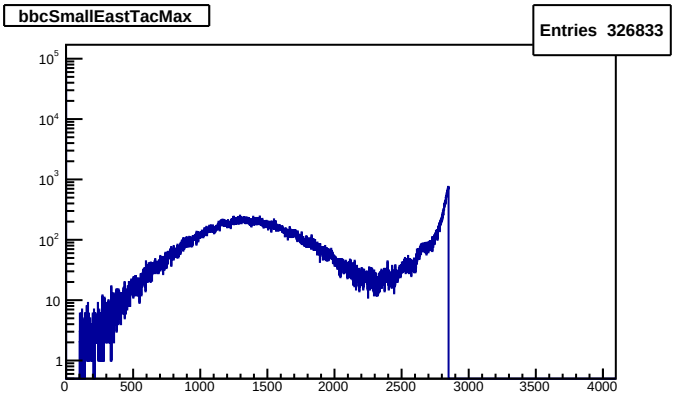

EQ3 QTB
Entries 2.551248e+07
TDC
QT Input Channel

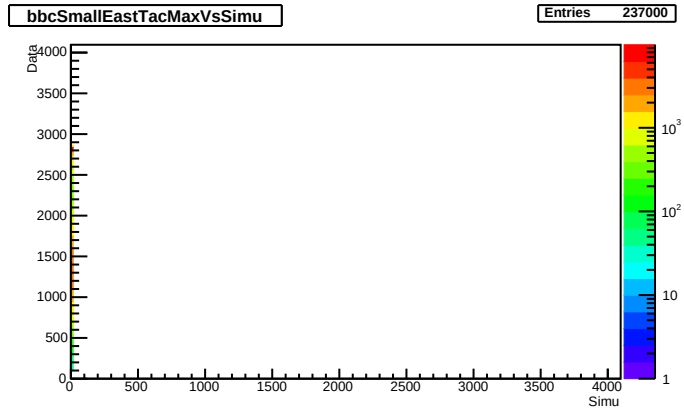

EQ3 QTC
Entries 3.137597e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.137597e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 326833


bbcSmallEastAdcSumVsSimu
Entries 237000
Data
Simu


bbcSmallEastTacMax
Entries 326833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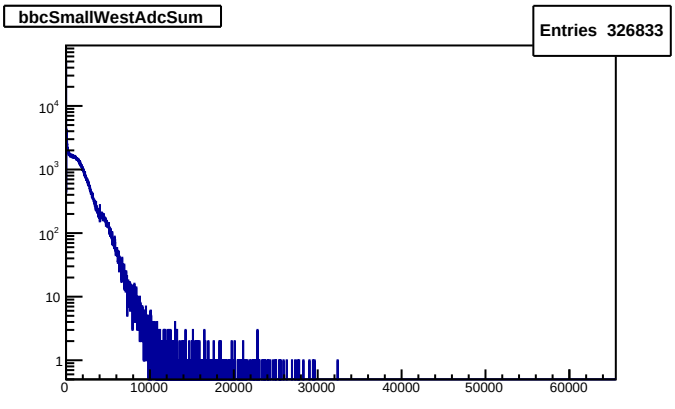
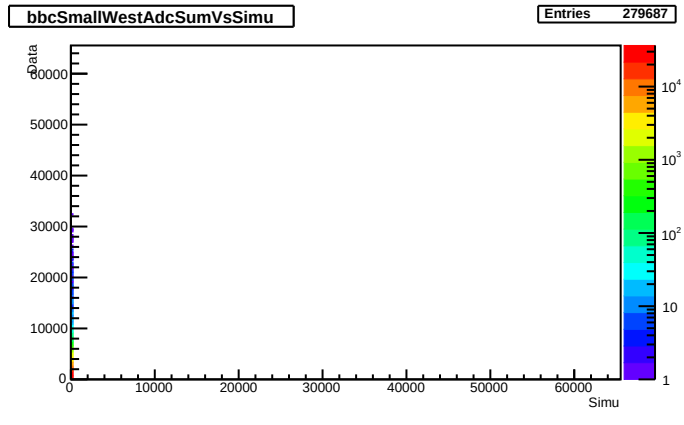
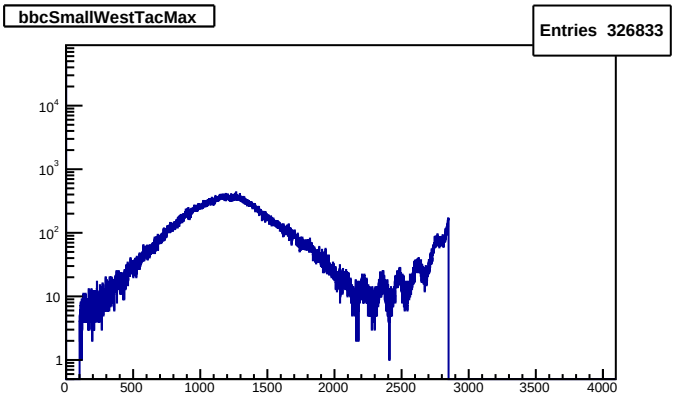
Entries 237000
Data
Simu


bbcSmallWestAdcSum
Entries 326833


bbcSmallWestAdcSumVsSimu
Entries 279687
Data
Simu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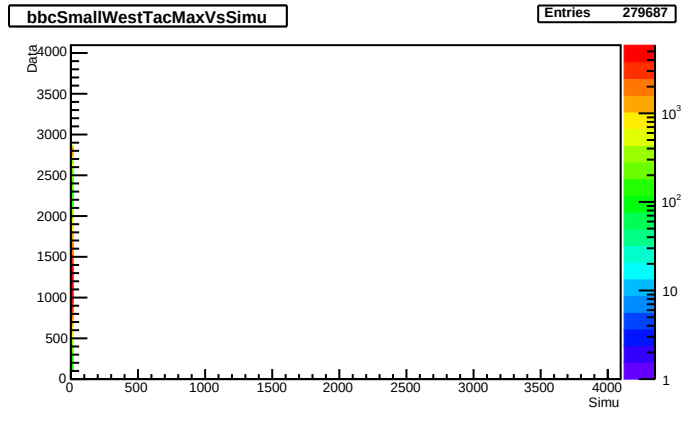
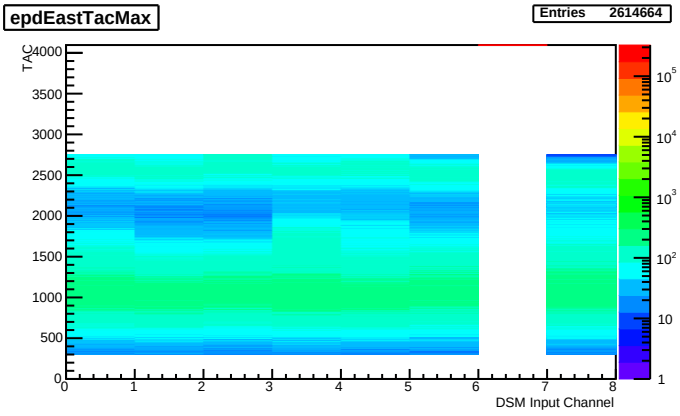
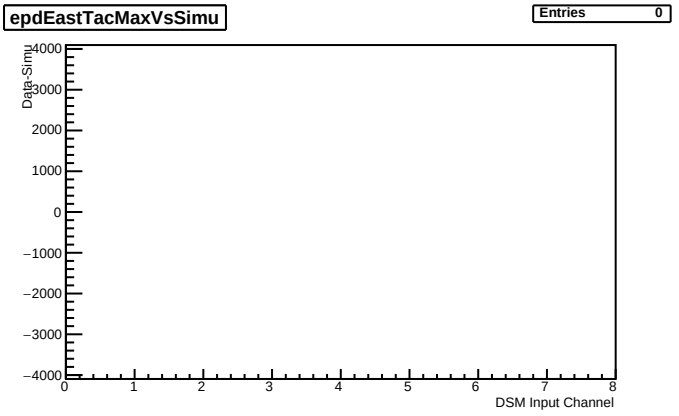
Entries 326833


bbcSmallWestTacMaxVsSimu
Entries 279687
Data
Simu


epdEastTacMax
Entries 2614664
TAC
DSM Input Channel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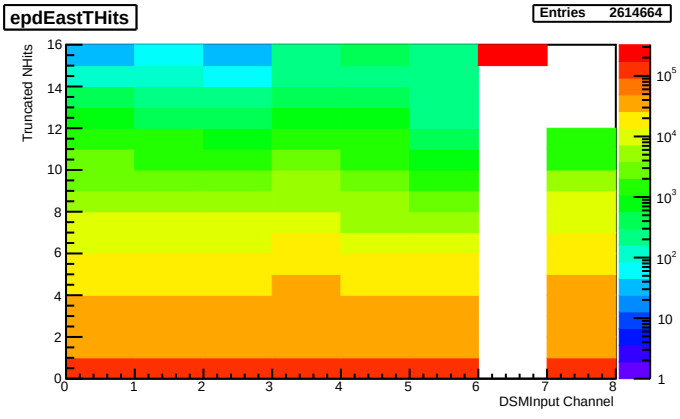
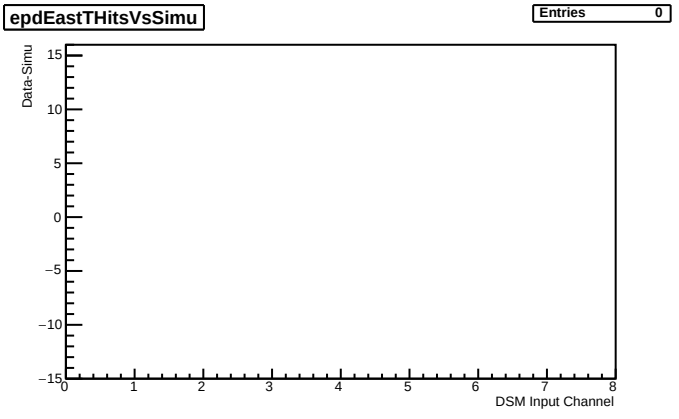
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2614664
Truncated NHits
DSMInput Channel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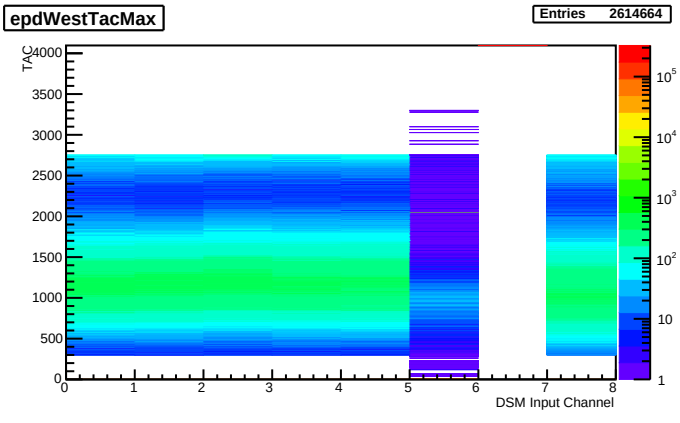
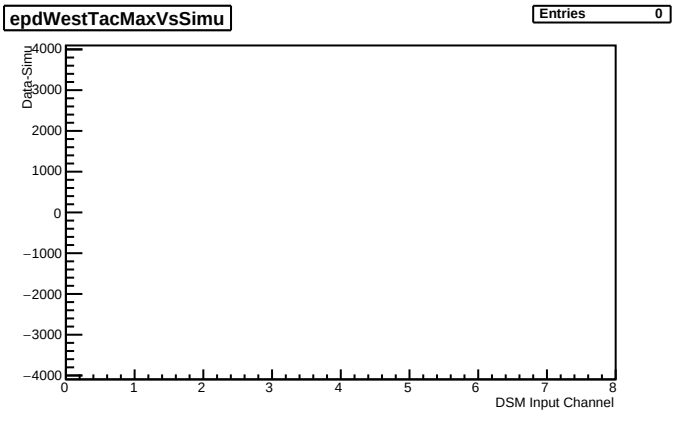
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2614664
TAC
DSM Input Channel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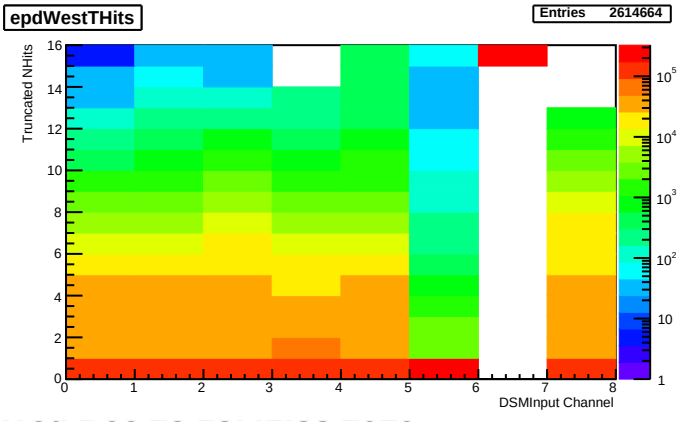
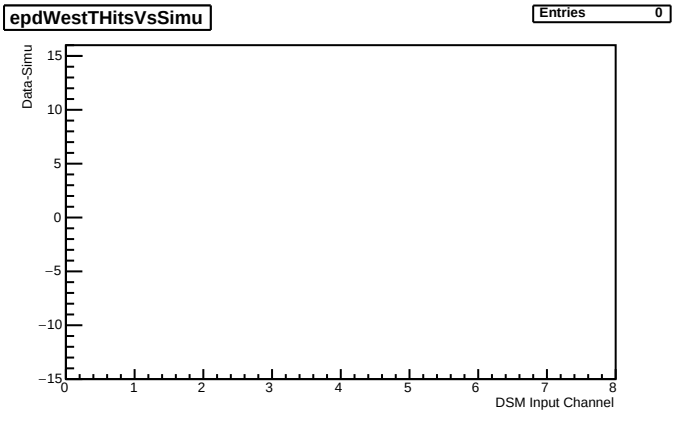
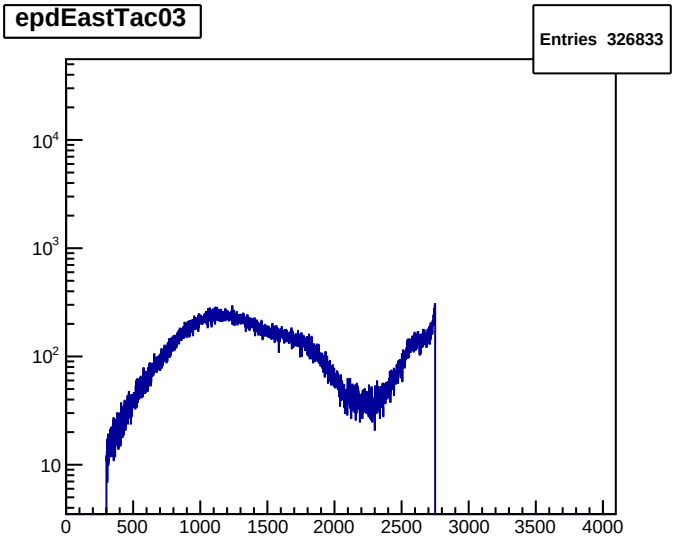
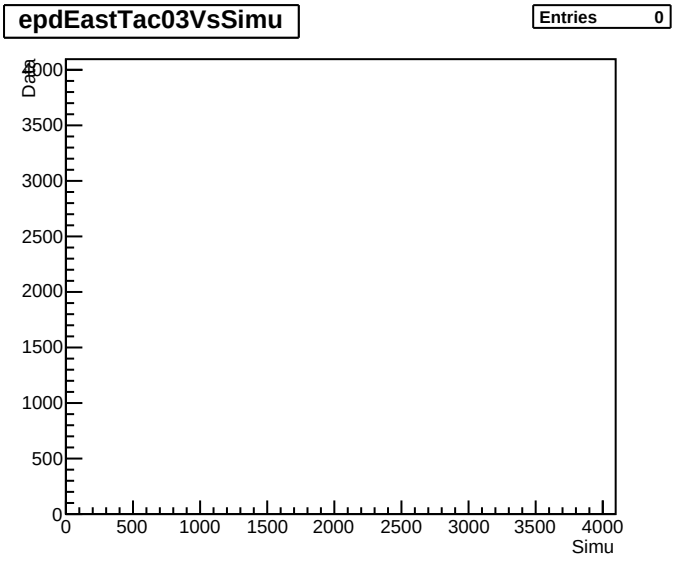
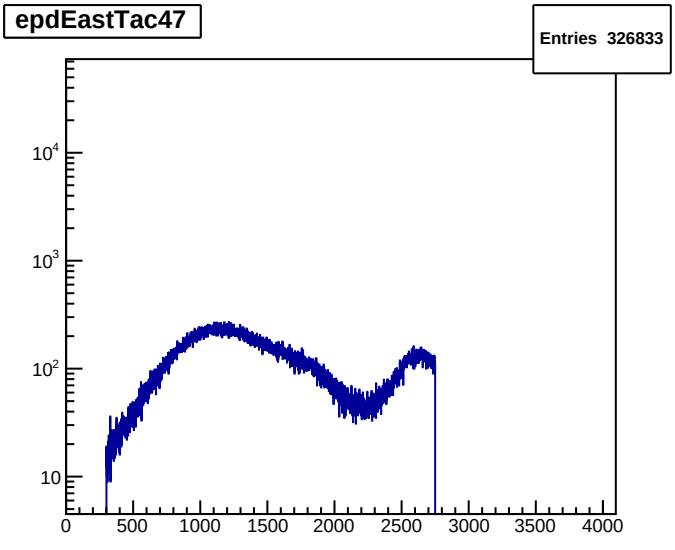
Entries 0
Data-Simu
DSM Input Channel

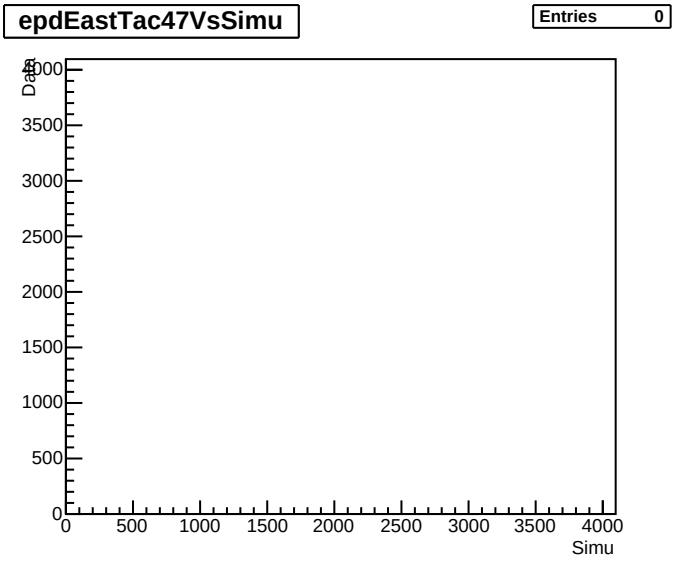

epdWestTHits
Entries 2614664
Truncated NHits
DSMInput Channel

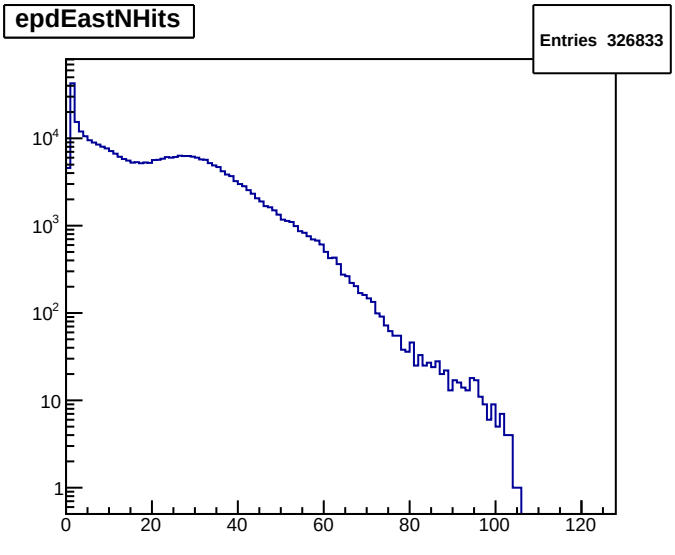

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

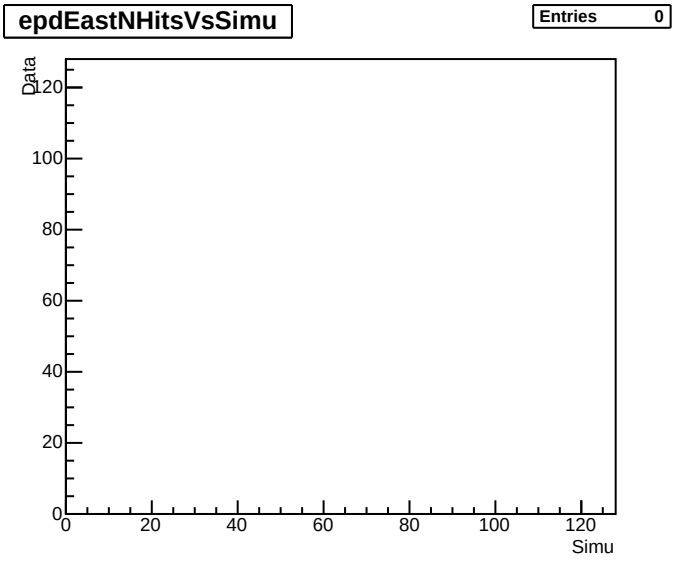

epdEastTac03
Entries 326833


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 326833


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 326833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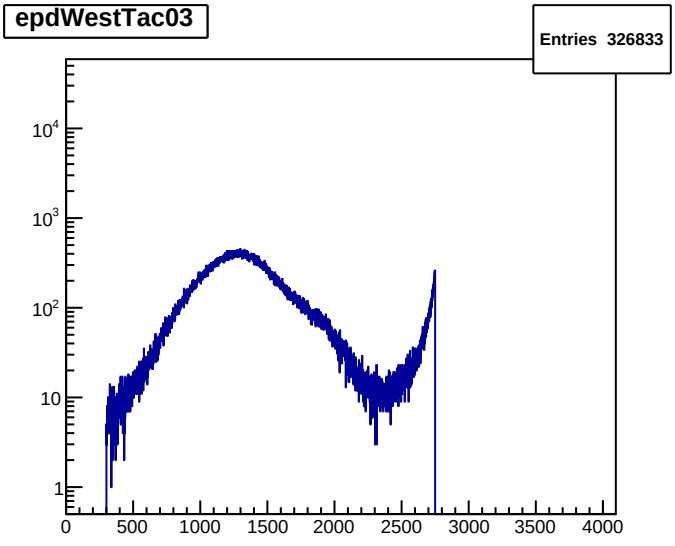
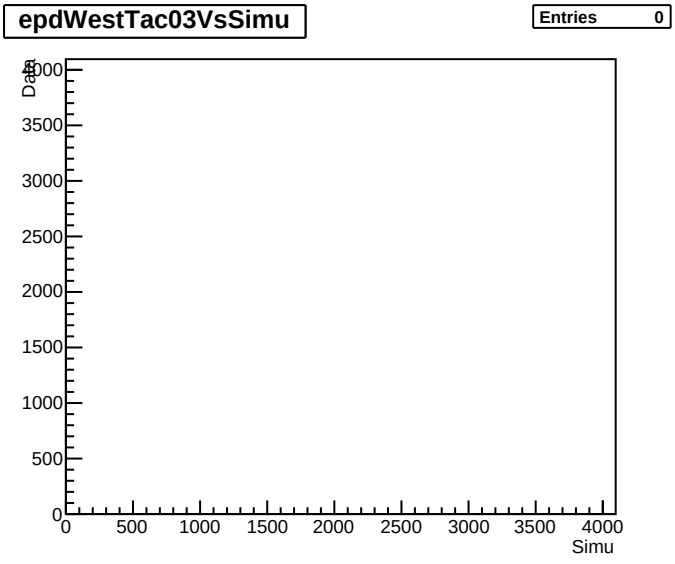
Entries 0
Data
Simu


epdWestTac03
Entries 326833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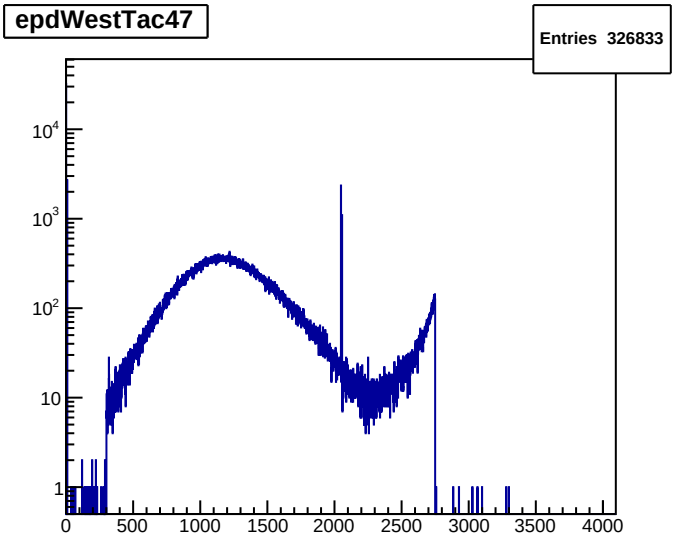
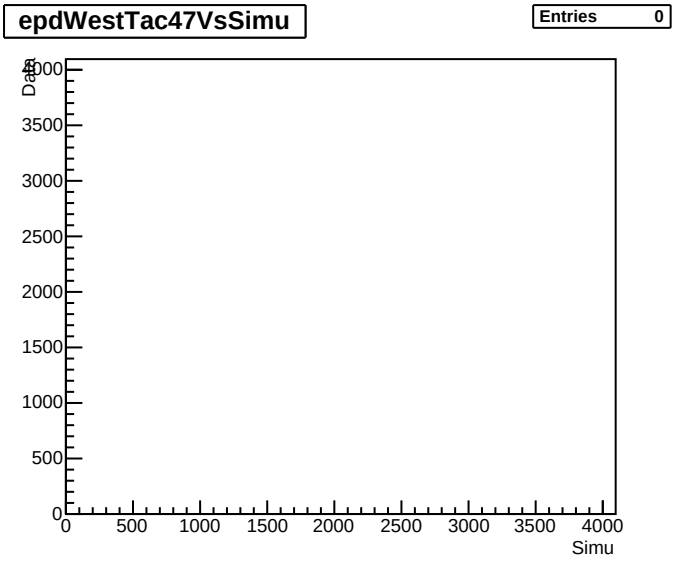
Entries 0
Data
Simu


epdWestTac47
Entries 326833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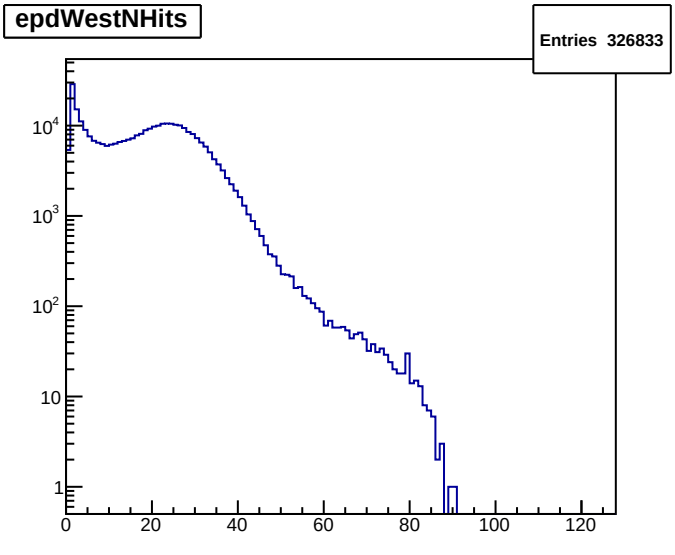
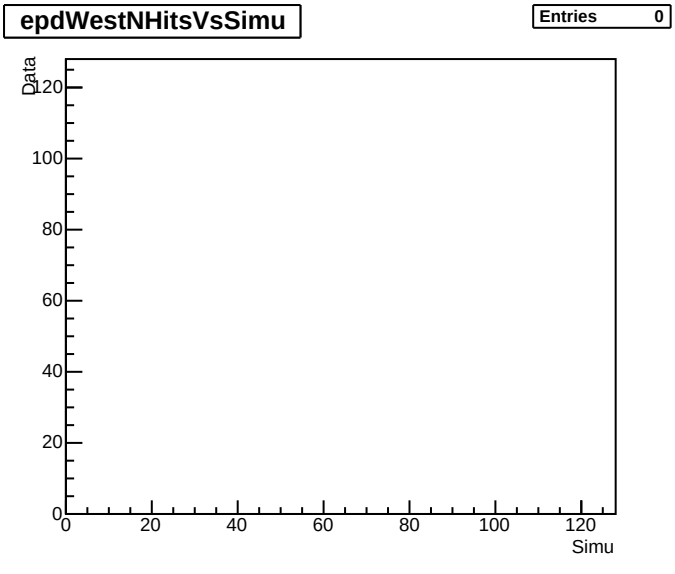
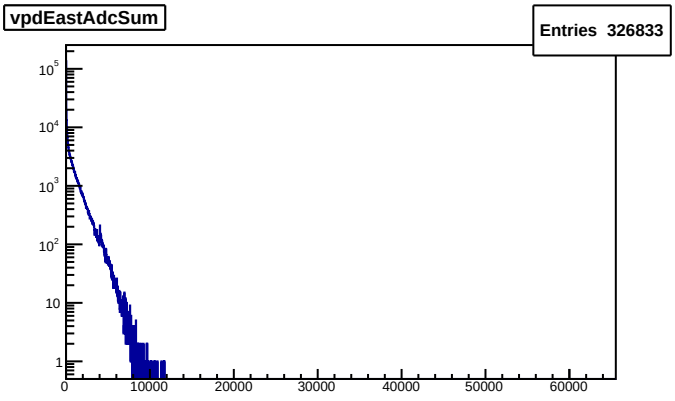
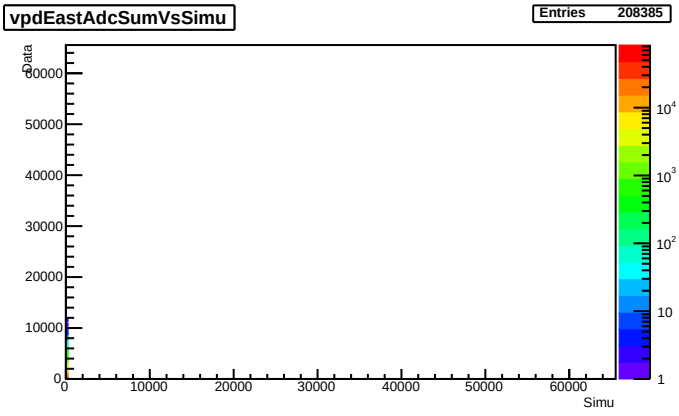
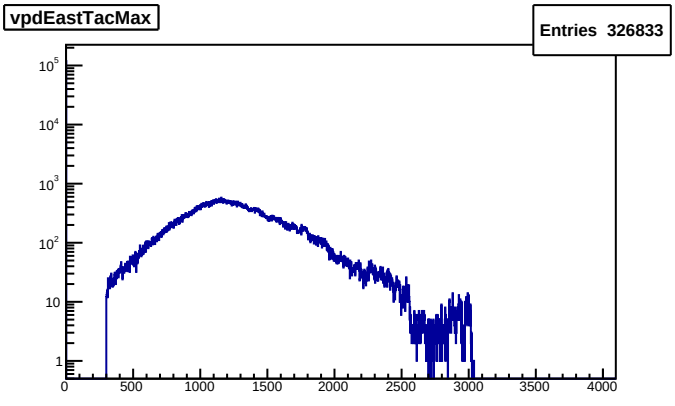
Entries 0
Data
Simu

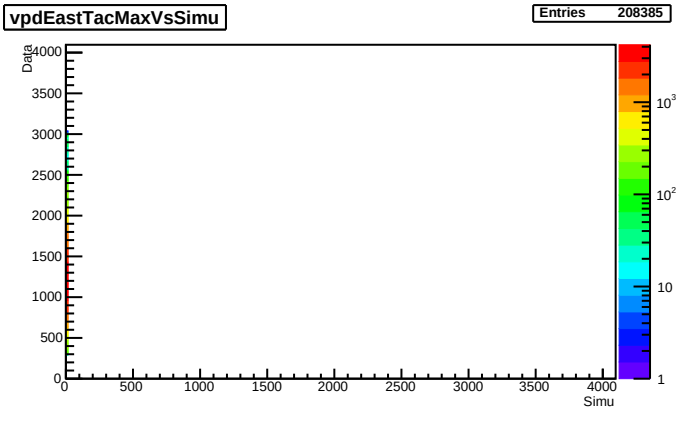

epdWestNHits
Entries 326833

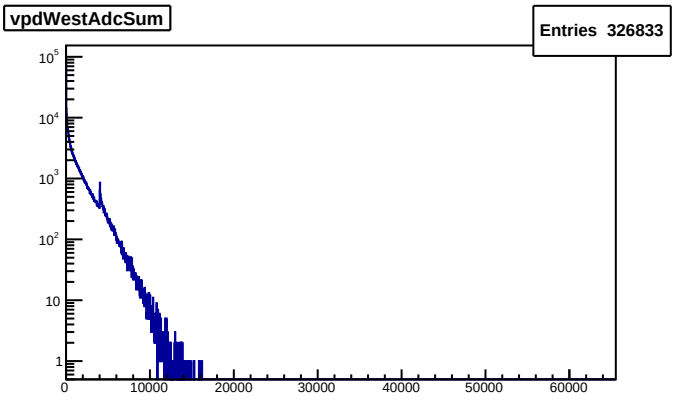

epdWestNHitsVsSimu
Entries 0
Data
Simu

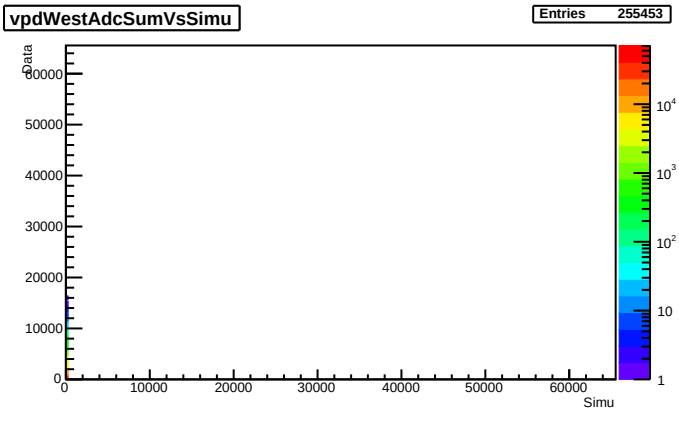

vpdEastAdcSum
Entries 326833

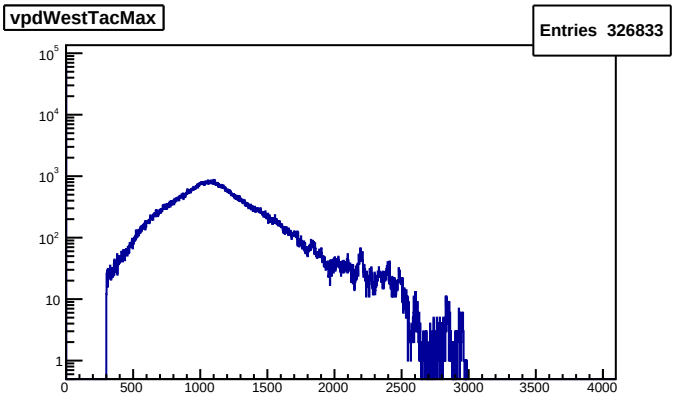

vpdEastAdcSumVsSimu
Entries 208385
Data
Simu

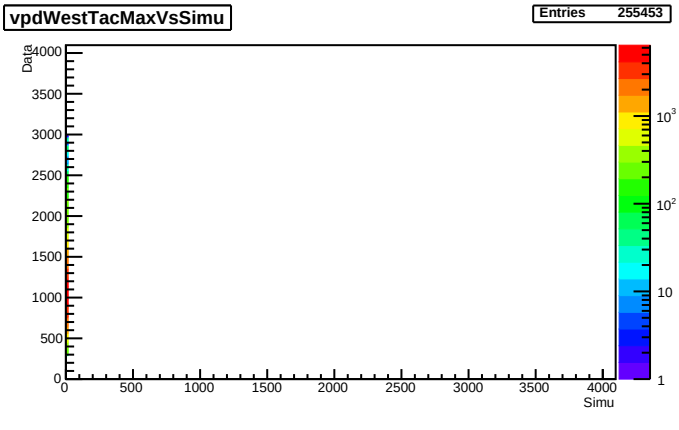

vpdEastTacMax
Entries 326833

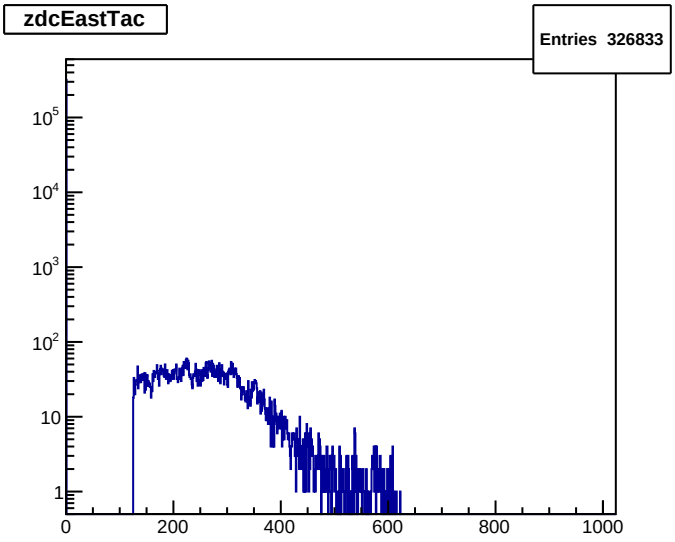

vpdEastTacMaxVsSimu
Entries 208385
Data
Simu

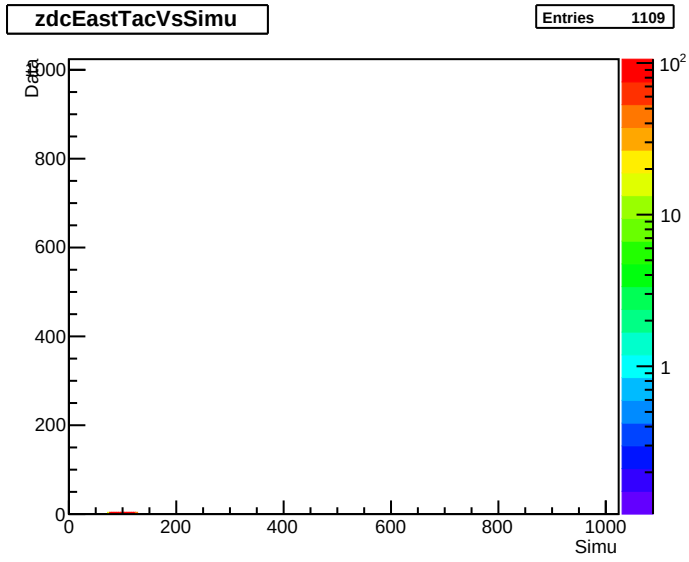

vpdWestAdcSum
Entries 326833

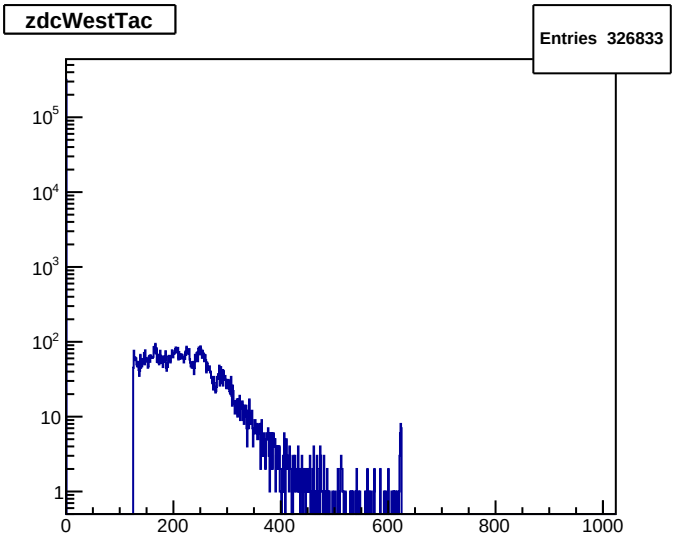

vpdWestAdcSumVsSimu
Entries 255453
Data
Simu

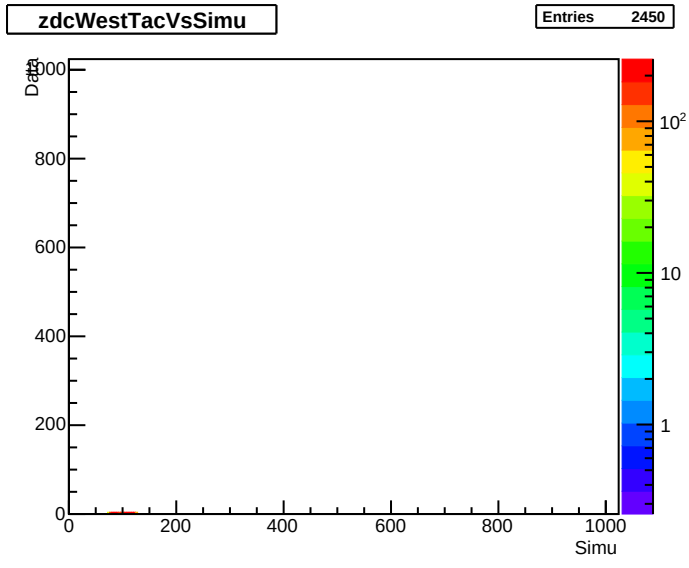

vpdWestTacMax
Entries 326833

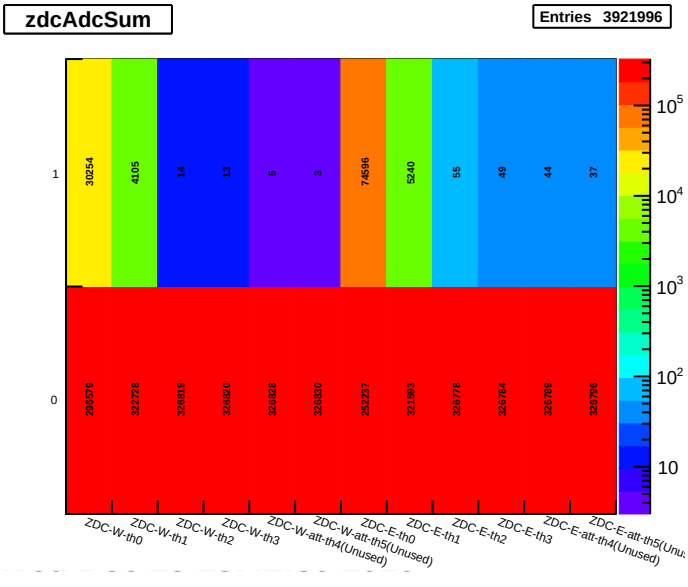

vpdWestTacMaxVsSimu
Entries 255453
Data
Simu

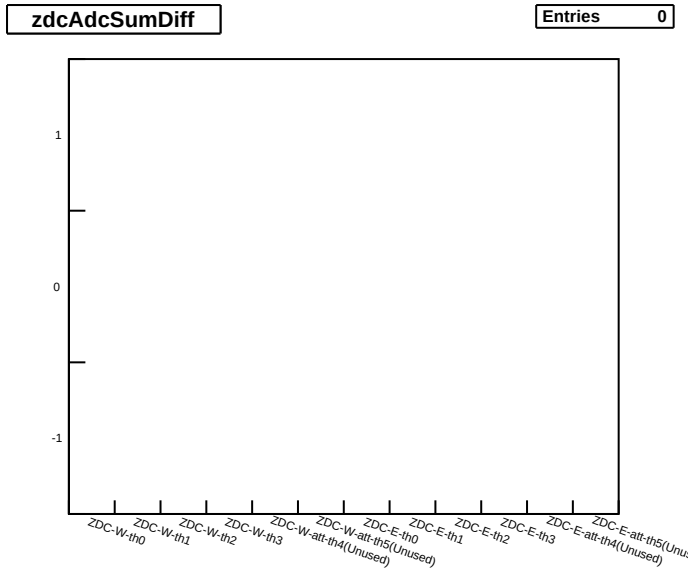

zdcEastTac
Entries 326833

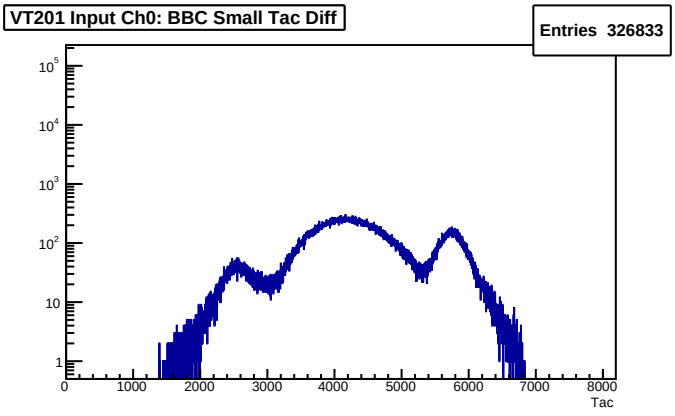

zdcEastTacVsSimu
Entries 1109
Data
Simu

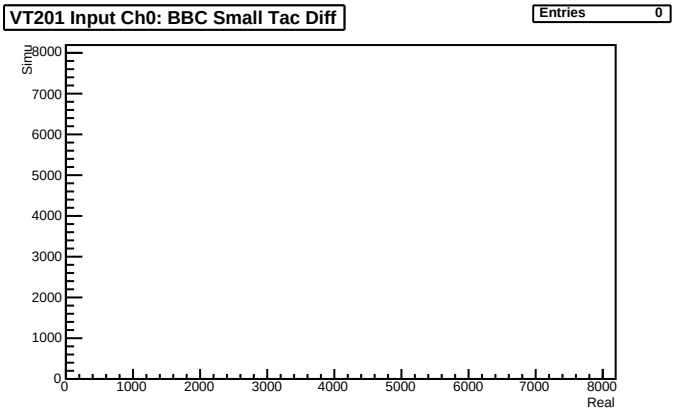

zdcWestTac
Entries 326833

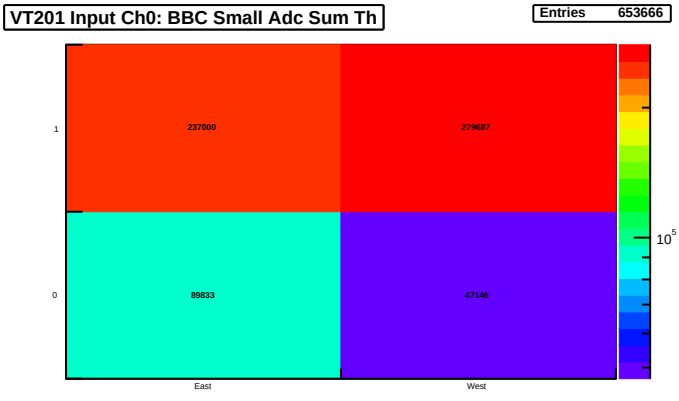

zdcWestTacVsSimu
Entries 2450
Data
Simu

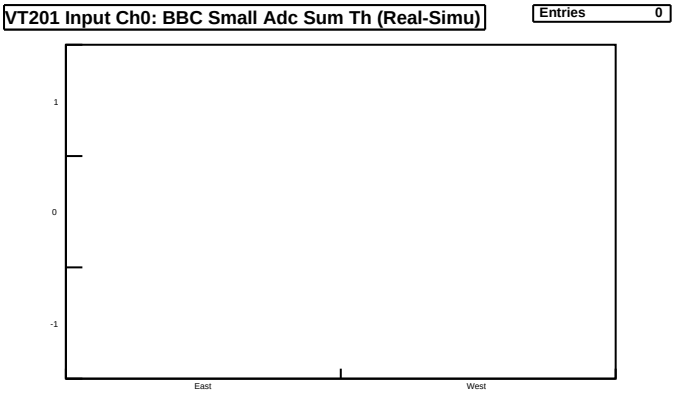

zdcAdcSum
Entries 3921996
30254
4105
14
13
5
3
74596
5240
55
49
44
37
296579
322728
326819
326820
326828
326830
252237
321593
326778
326784
326789
326796
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

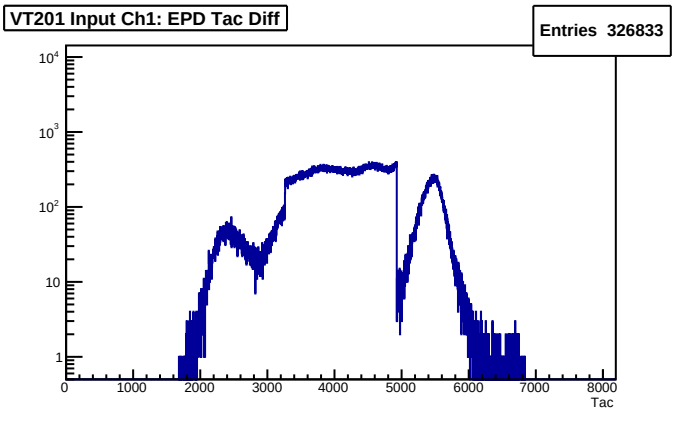

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

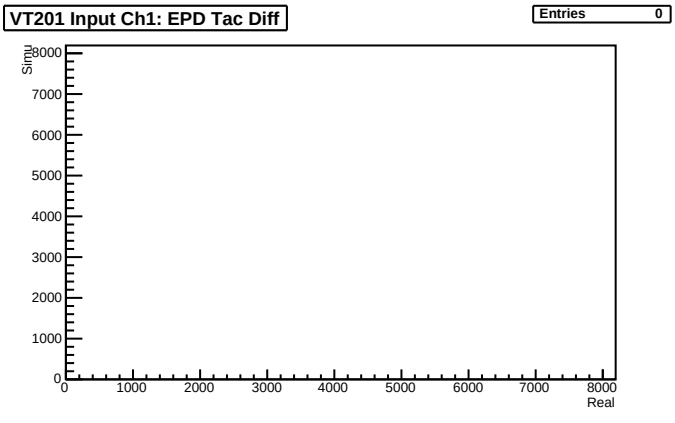

VT201 Input Ch0: BBC Small Tac Diff
Entries 326833
Tac

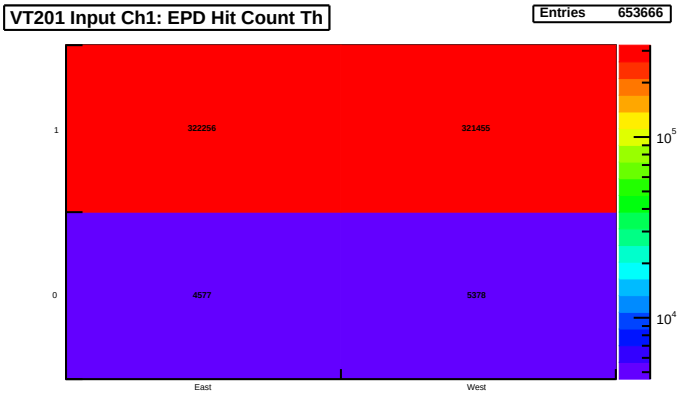

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

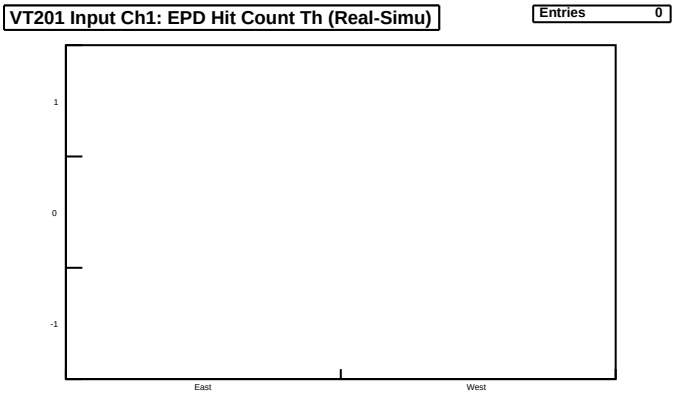

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 653666
237000
279687
89833
47146
East
West

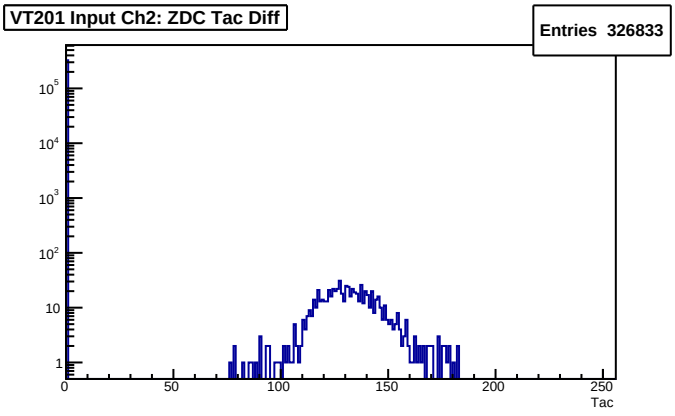

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

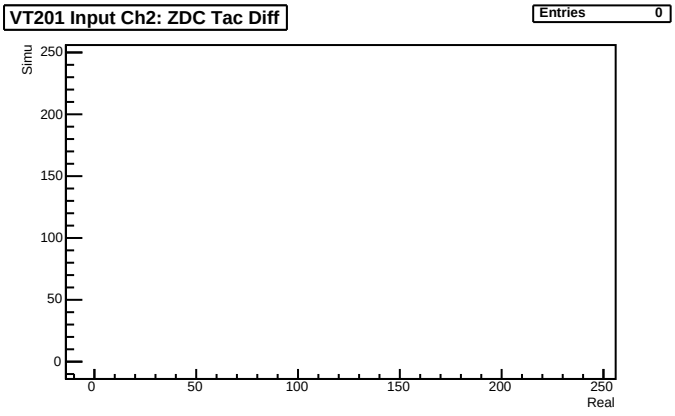

VT201 Input Ch1: EPD Tac Diff
Entries 326833
Tac

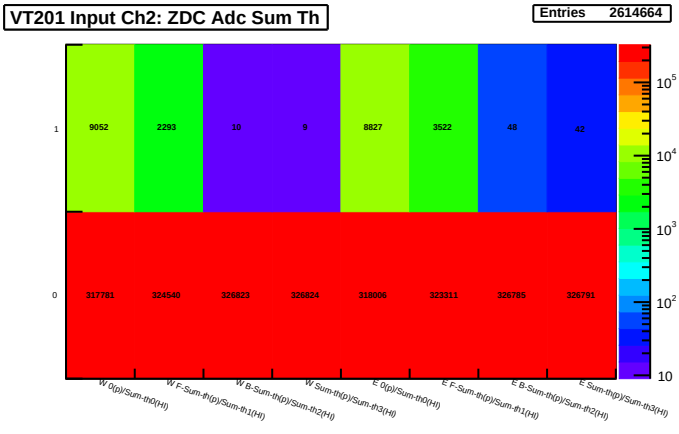

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

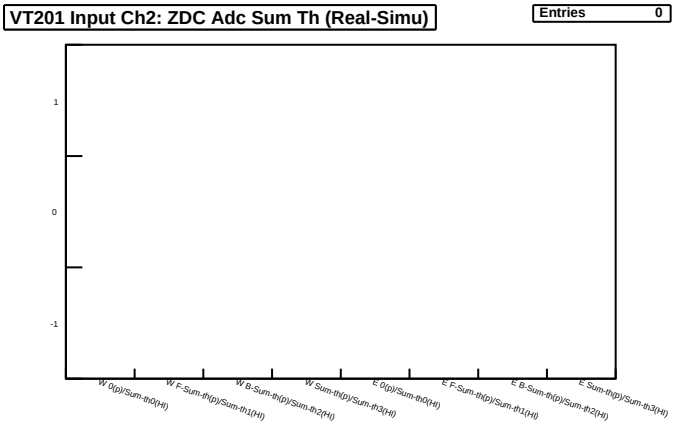

VT201 Input Ch1: EPD Hit Count Th
Entries 653666
322256
321455
4577
5378
East
West

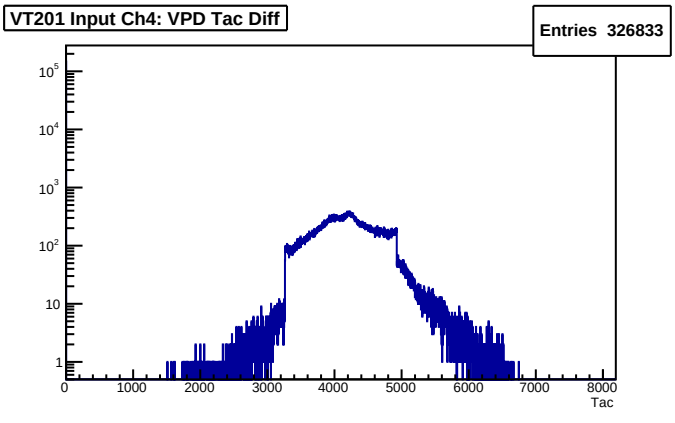

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

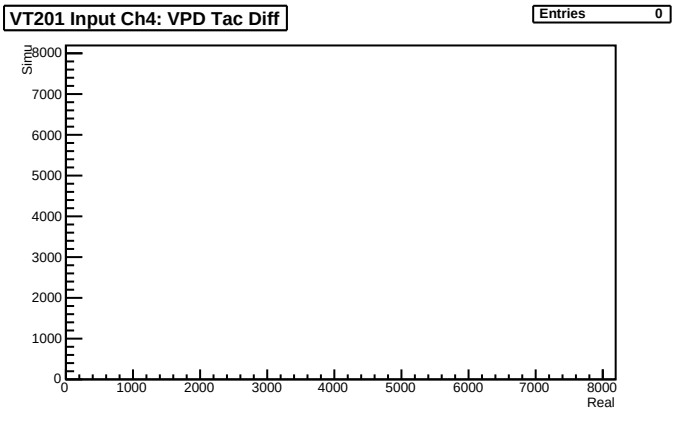

VT201 Input Ch2: ZDC Tac Diff
Entries 326833
Tac

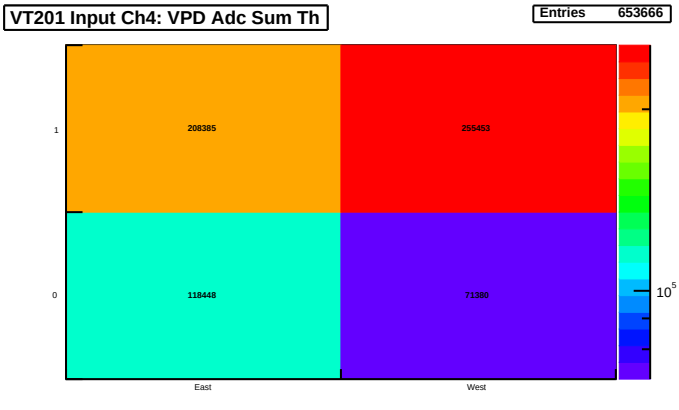

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

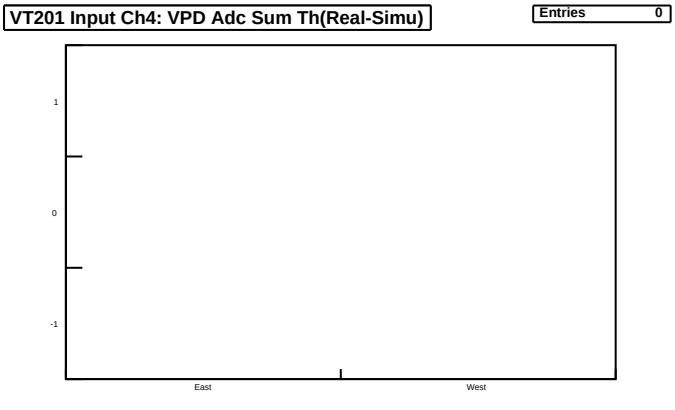

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2614664
9052
2293
10
9
8827
3522
48
42
317781
324540
326823
326824
318006
323311
326785
326791
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

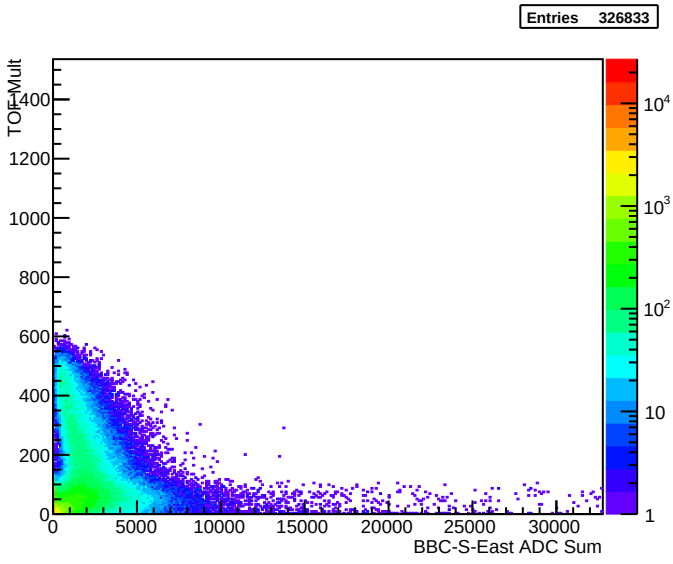

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

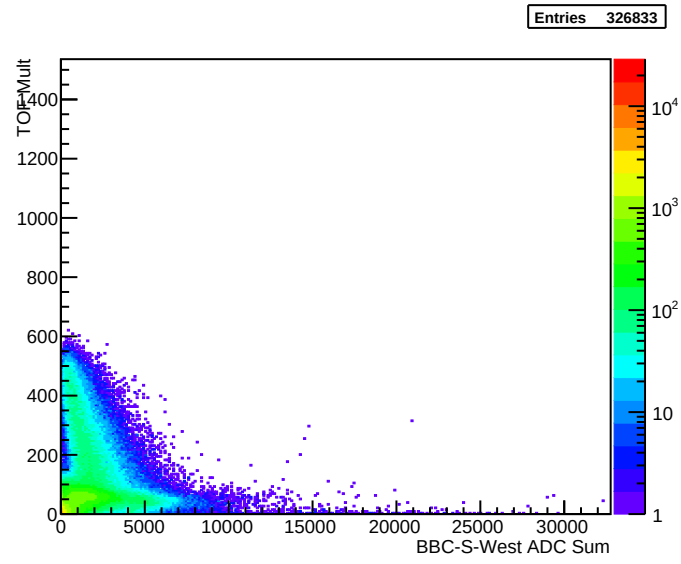

VT201 Input Ch4: VPD Tac Diff
Entries 326833
Tac

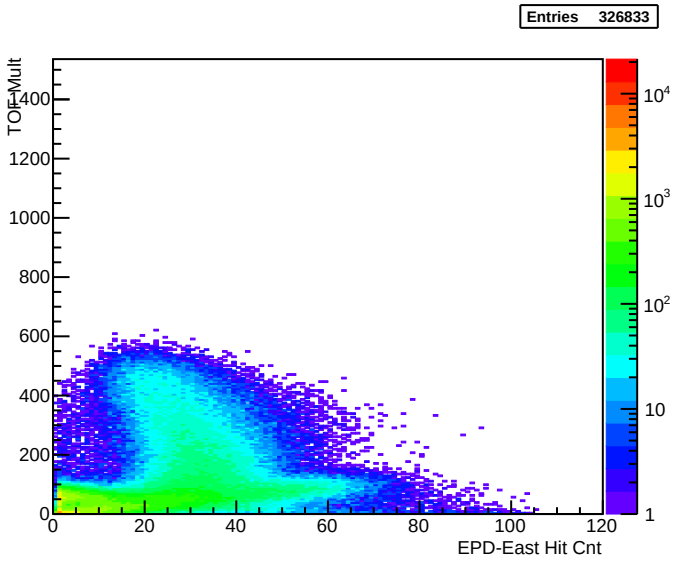

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

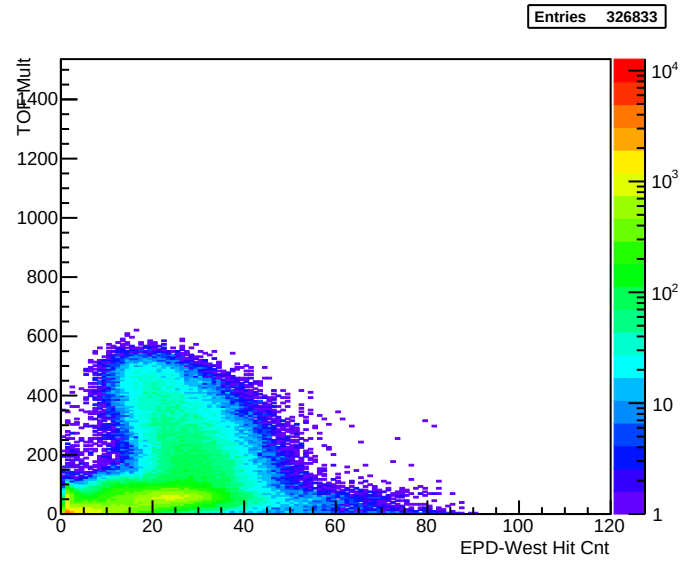

VT201 Input Ch4: VPD Adc Sum Th
Entries 653666
208385
255453
118448
71380
East
West

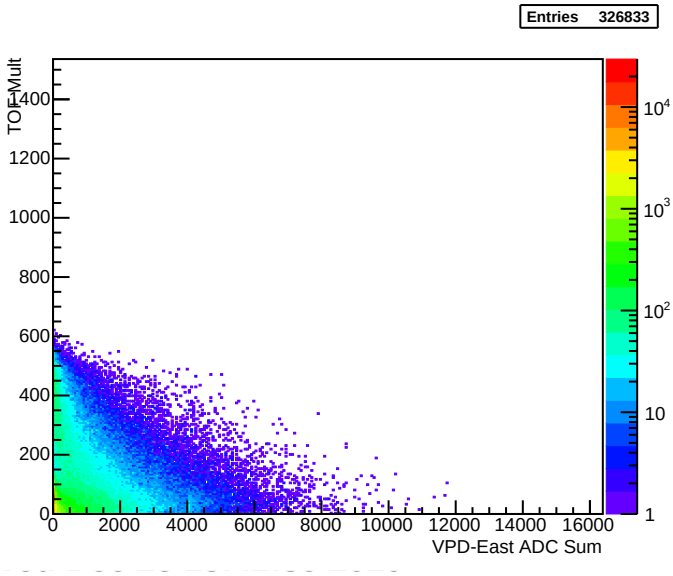

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

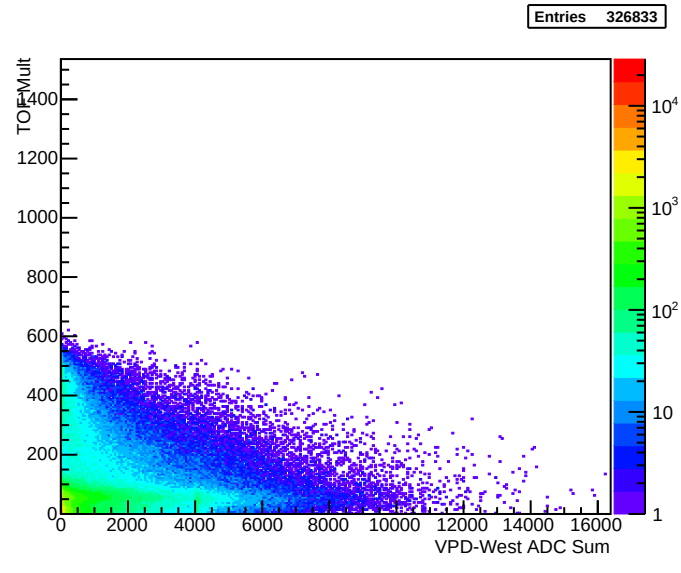

Entries 326833
TOF-Mult
BBC-S-East ADC Sum

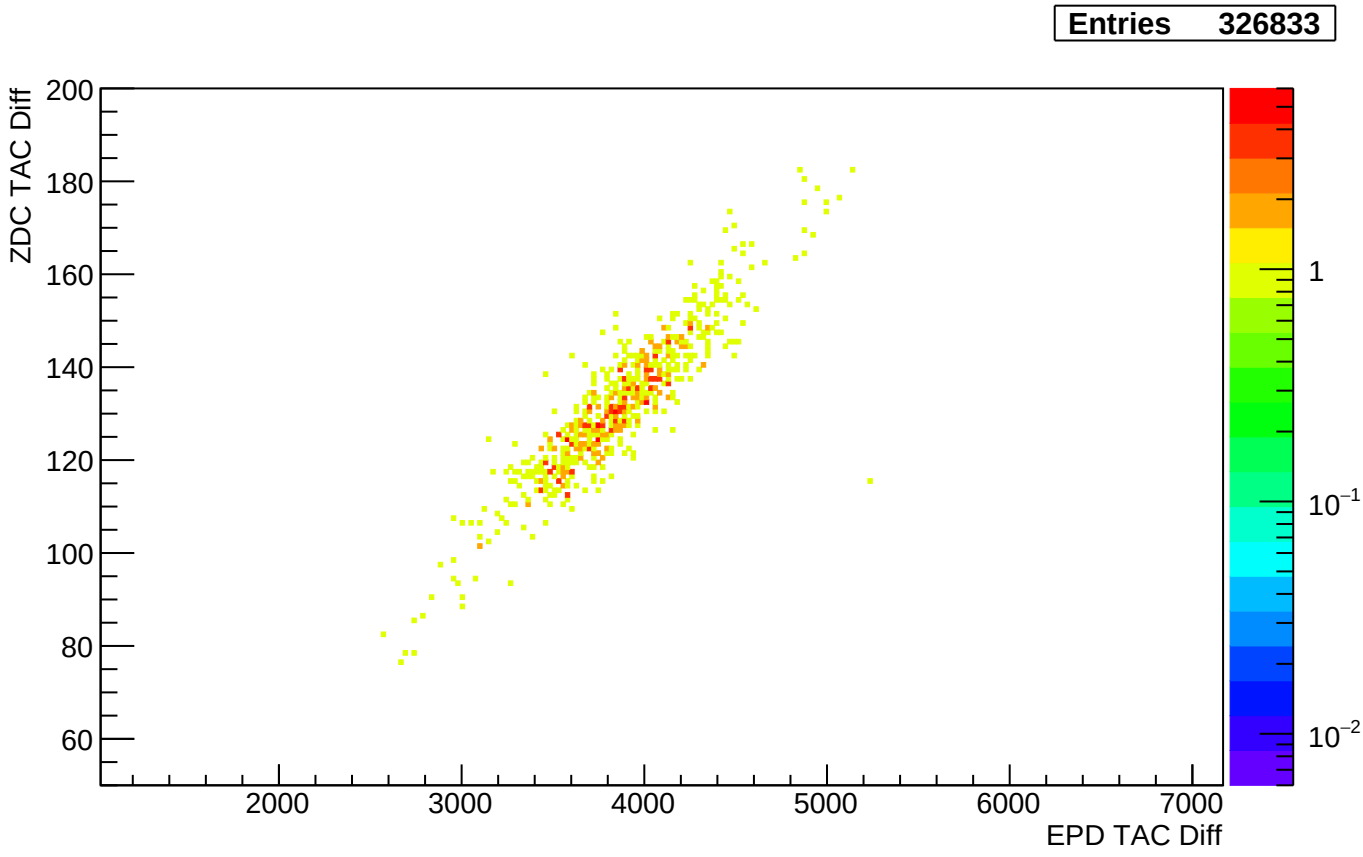

Entries 326833
TOF-Mult
BBC-S-West ADC Sum

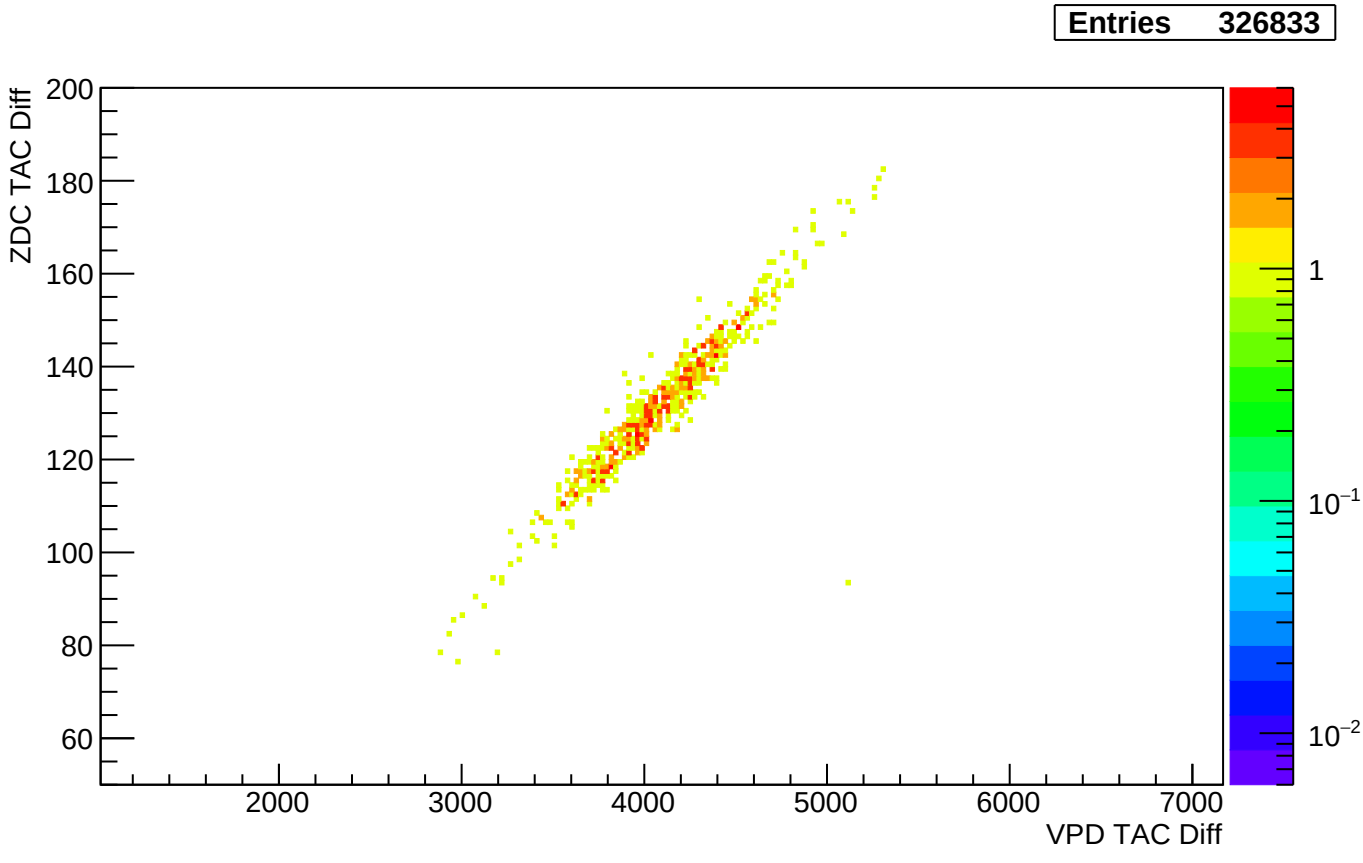

Entries 326833
TOF-Mult
EPD-East Hit Cnt

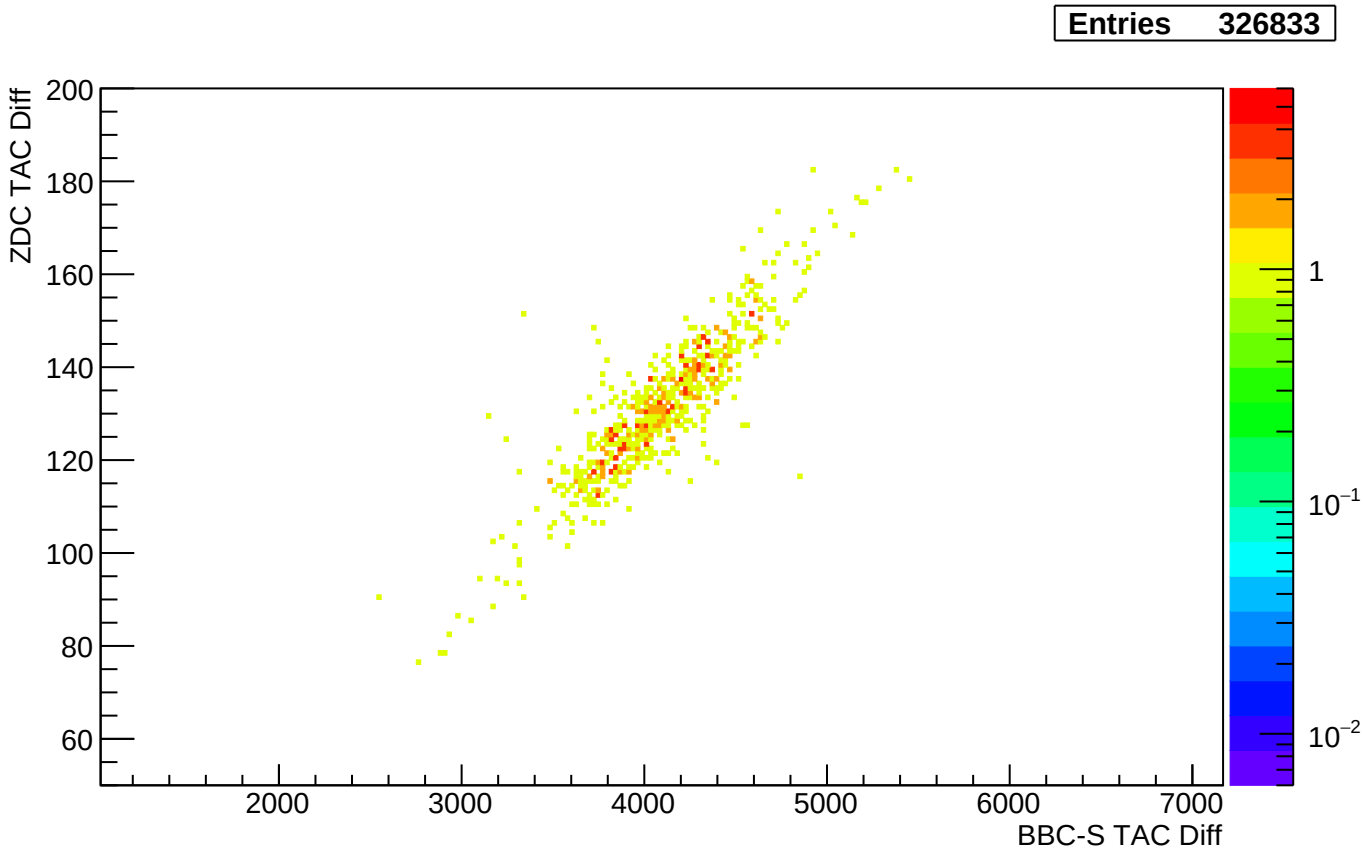

Entries 326833
TOF-Mult
EPD-West Hit Cnt

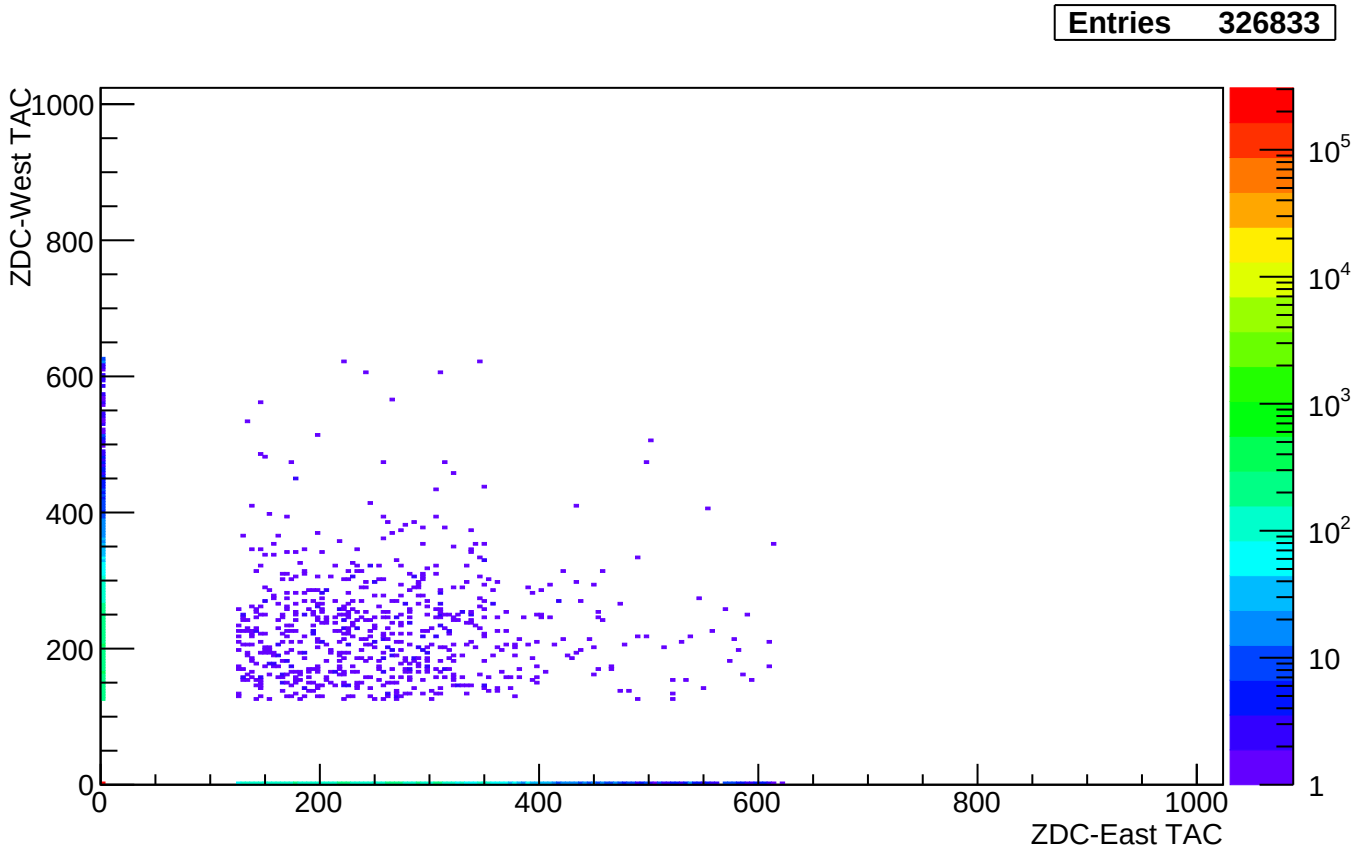

Entries 326833
TOF-Mult
VPD-East ADC Sum

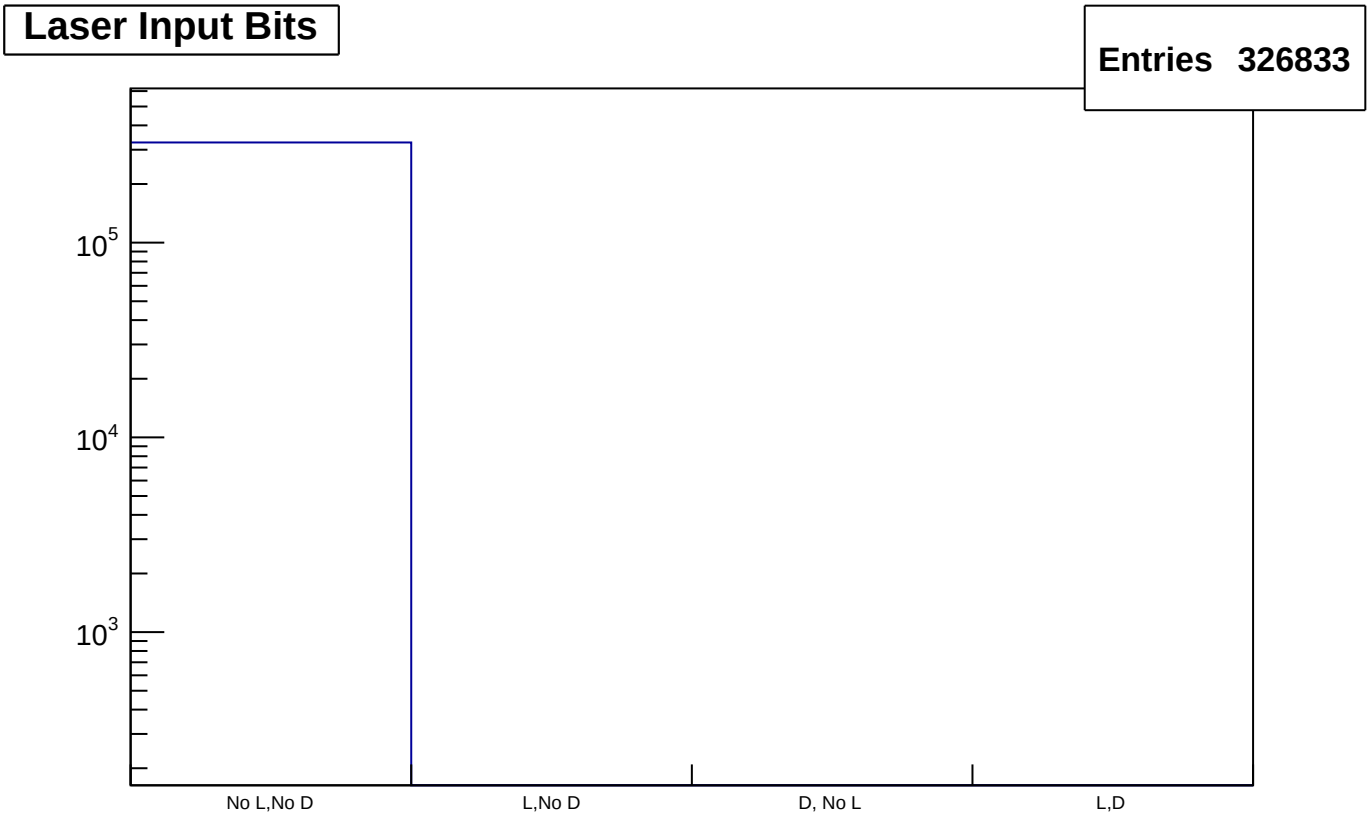

Entries 326833
TOF-Mult
VPD-West ADC Sum

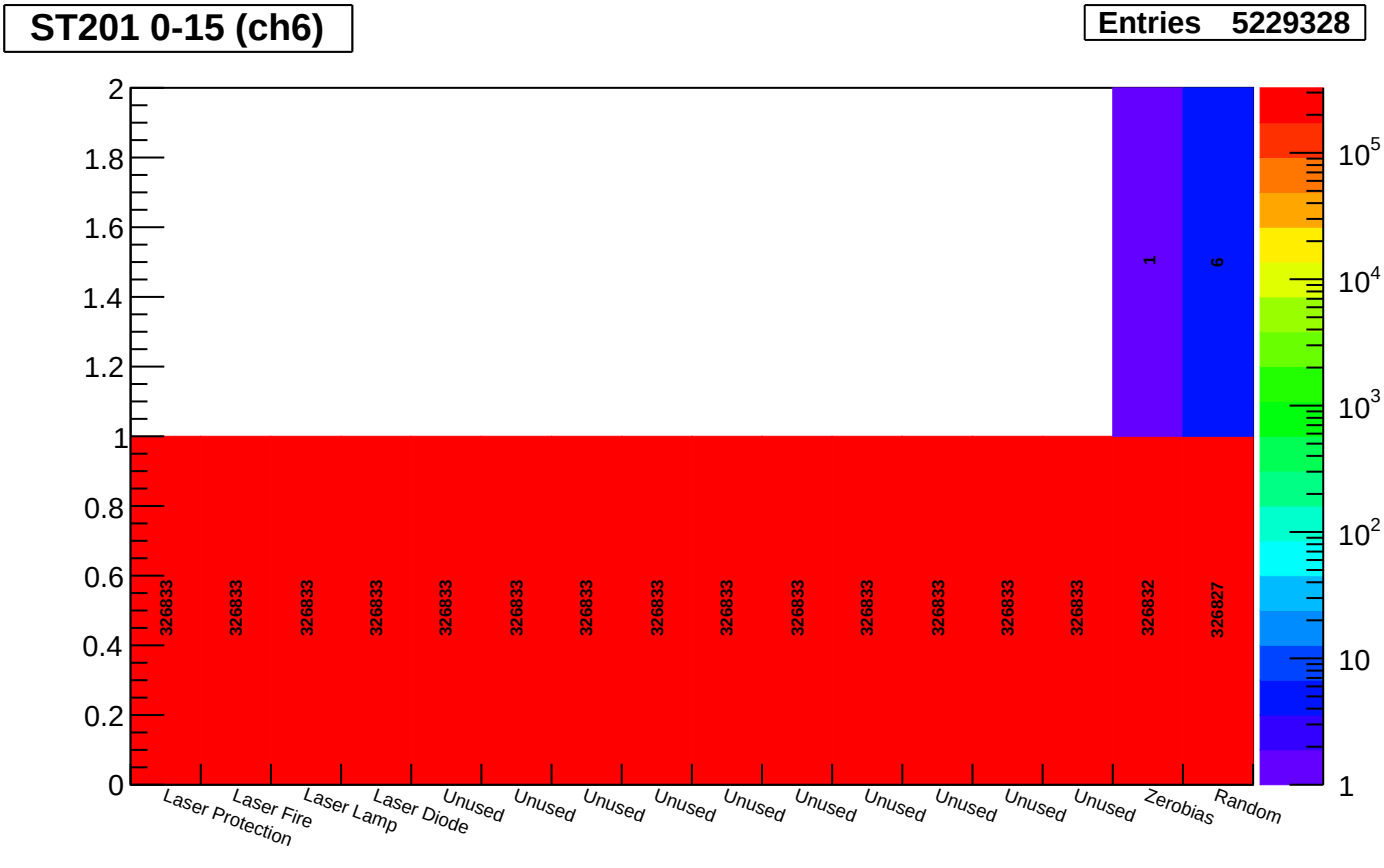

Entries 326833
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

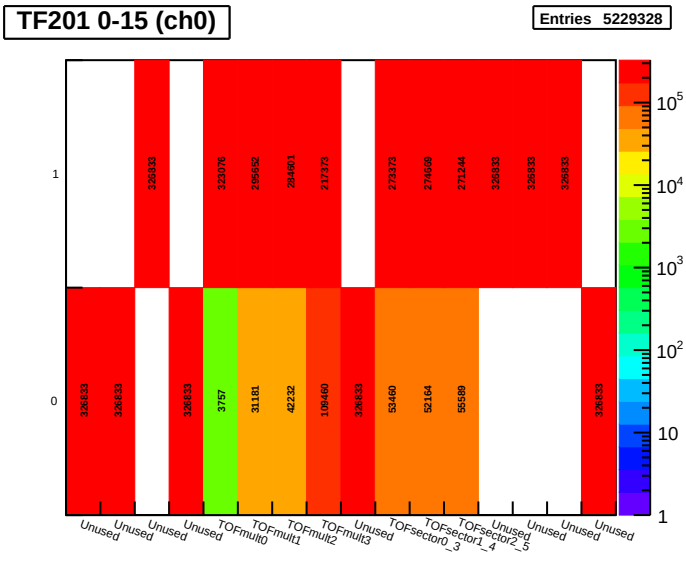

Entries 326833
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

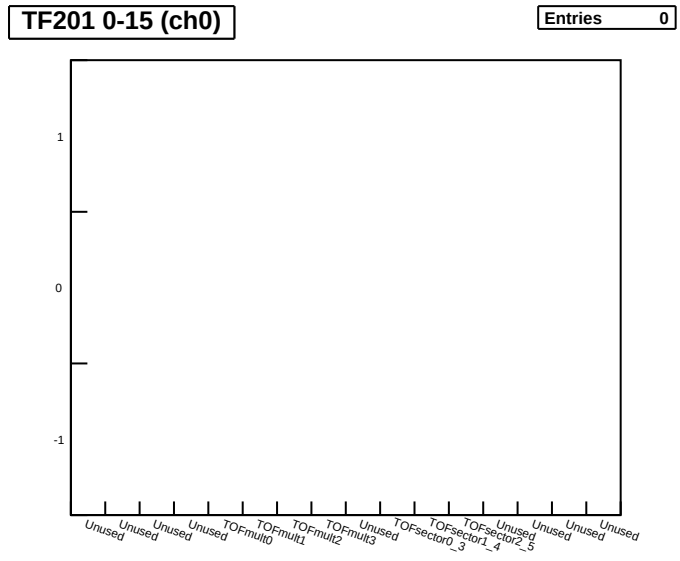

Entries 326833
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

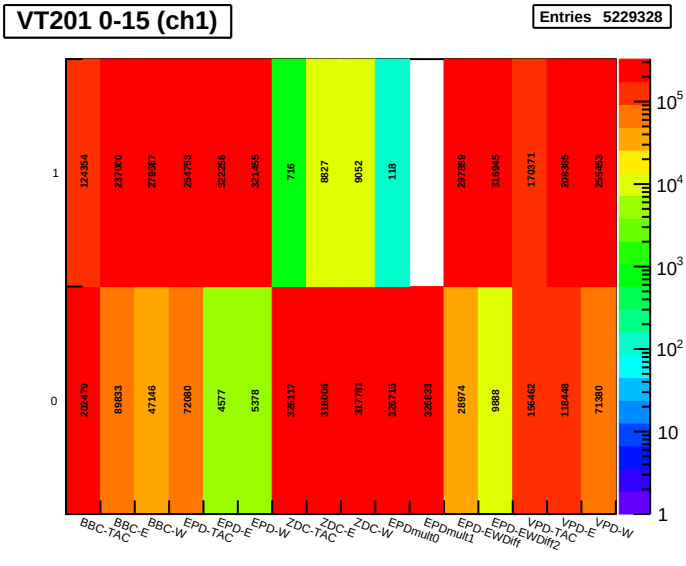

Entries 326833
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

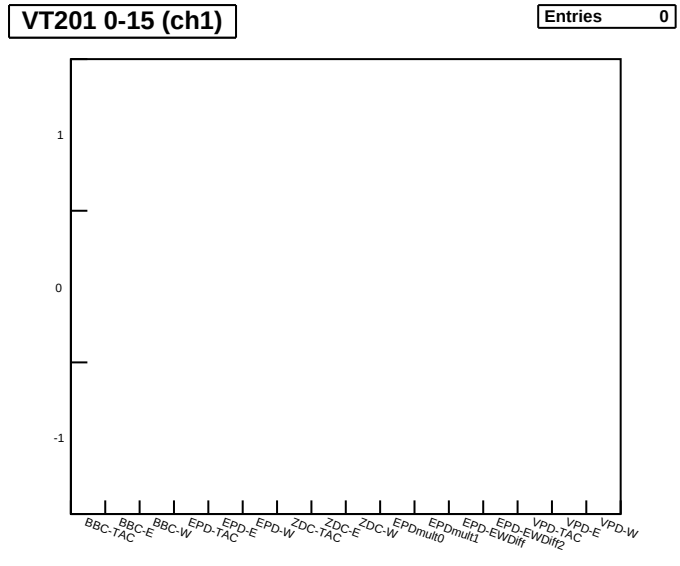

Laser Input Bits
Entries 326833
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

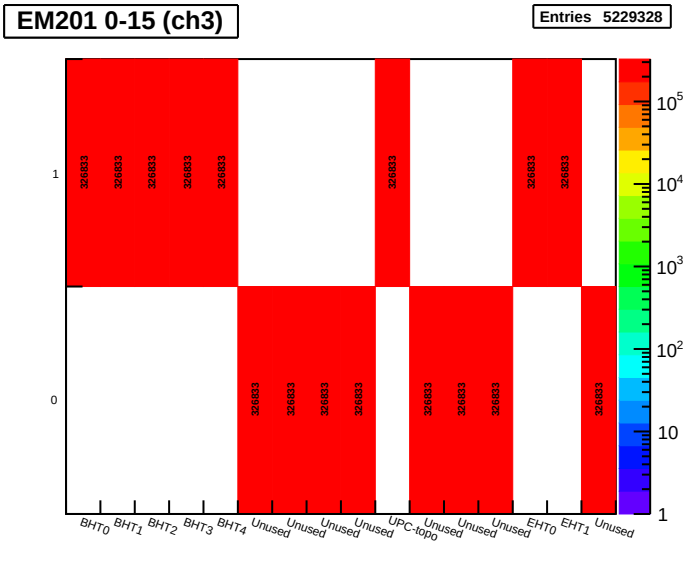

ST201 0-15 (ch6)
Entries 5229328
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326832
326827
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

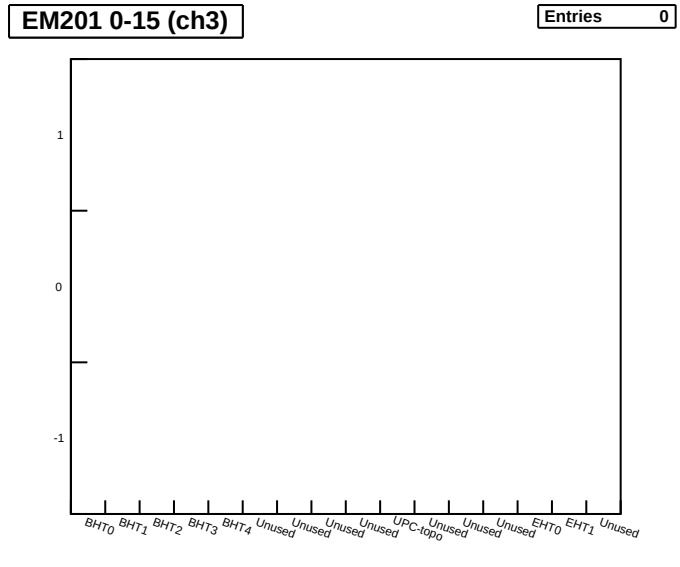

TF201 0-15 (ch0)
Entries 5229328
1
0
326833
323076
295652
284601
217373
273373
274669
271244
326833
326833
326833
326833
326833
3757
31181
42232
109460
326833
53460
52164
55589
326833
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5229328
1
0
124354
237000
279687
254753
322256
321455
716
8827
9052
118
297859
316945
170371
208385
255453
202479
89833
47146
72080
4577
5378
326117
318006
317781
326715
326833
28974
9888
156462
118448
71300
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
10^5
10^4
10^3
10^2
10
1


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 5229328
1
0
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
326833
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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