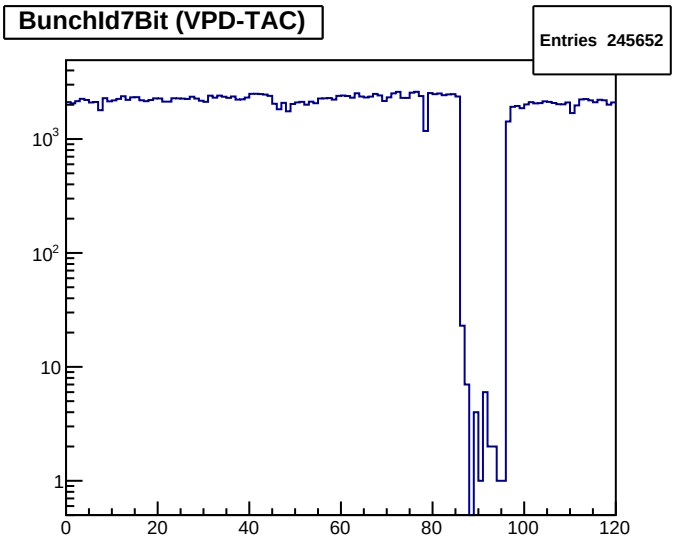
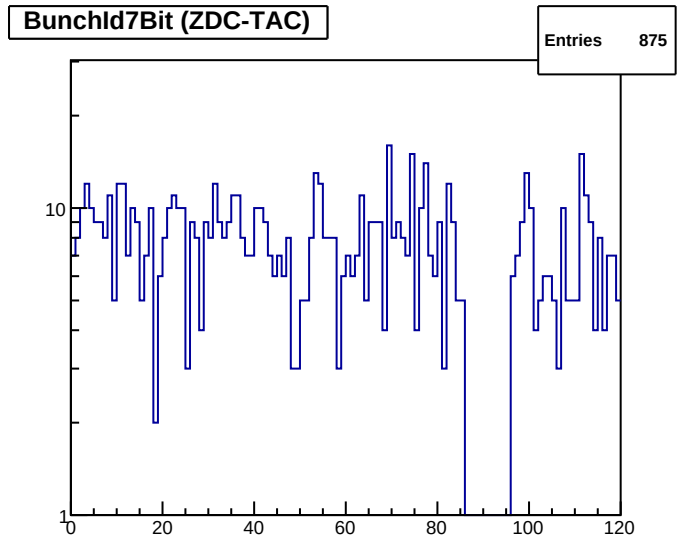
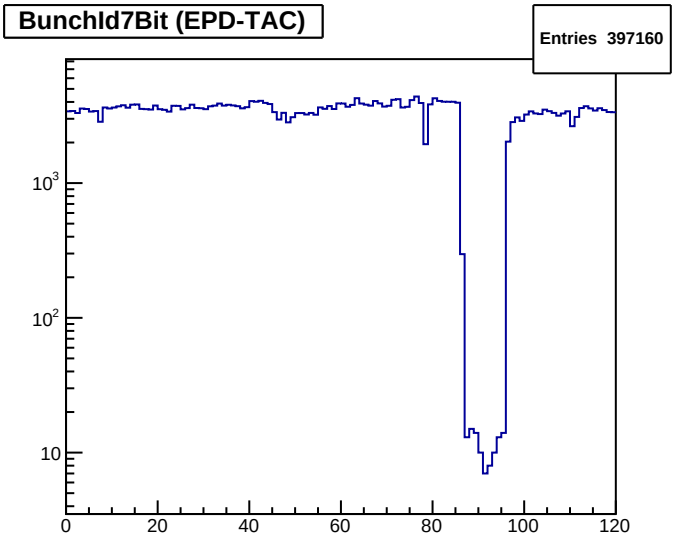
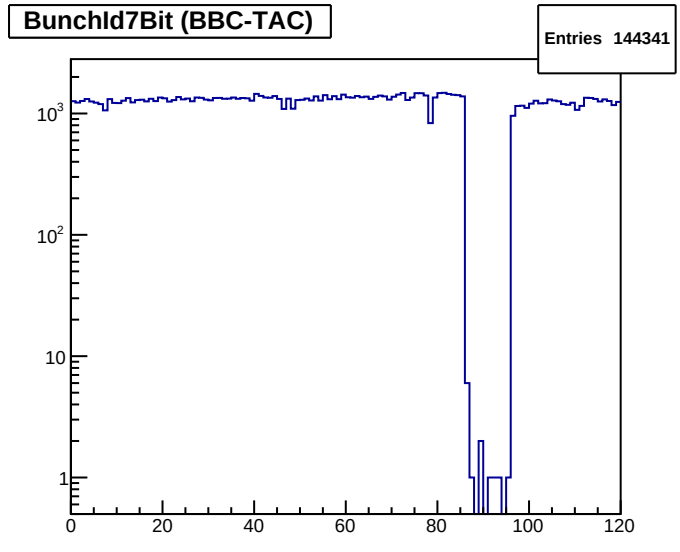
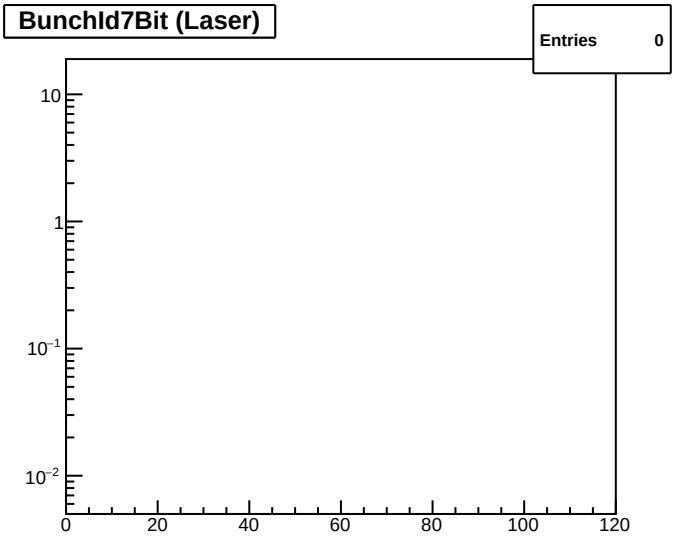
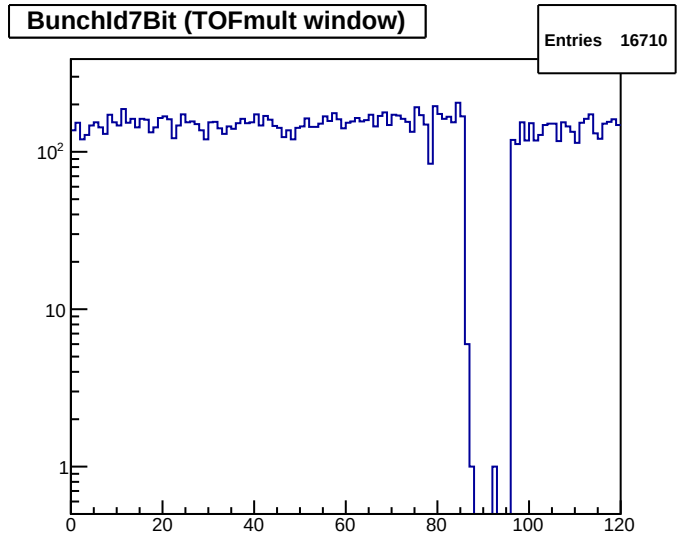

BunchId7Bit (VPD-TAC)
Entries 245652

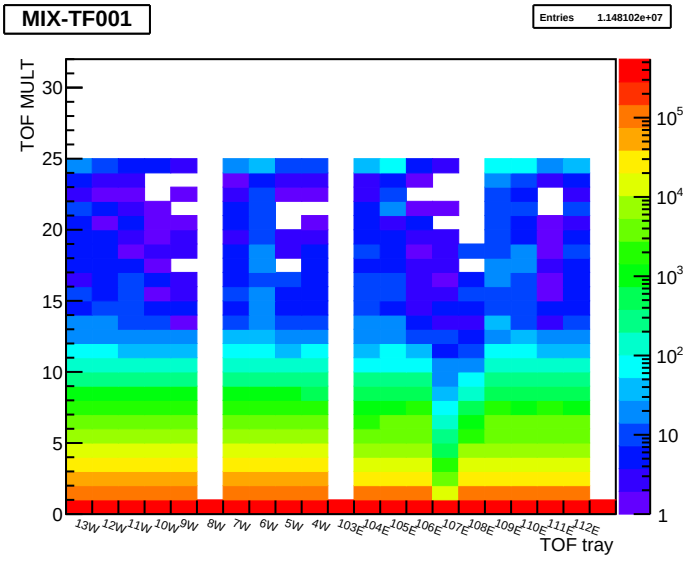

BunchId7Bit (ZDC-TAC)
Entries 875

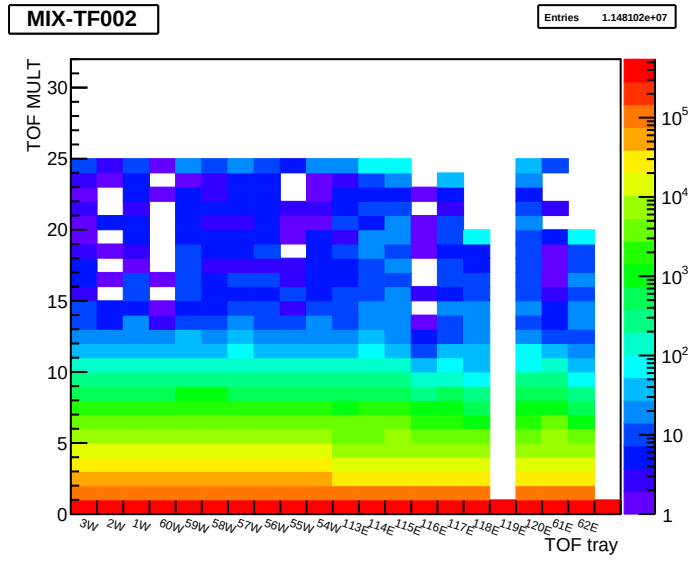

BunchId7Bit (EPD-TAC)
Entries 397160

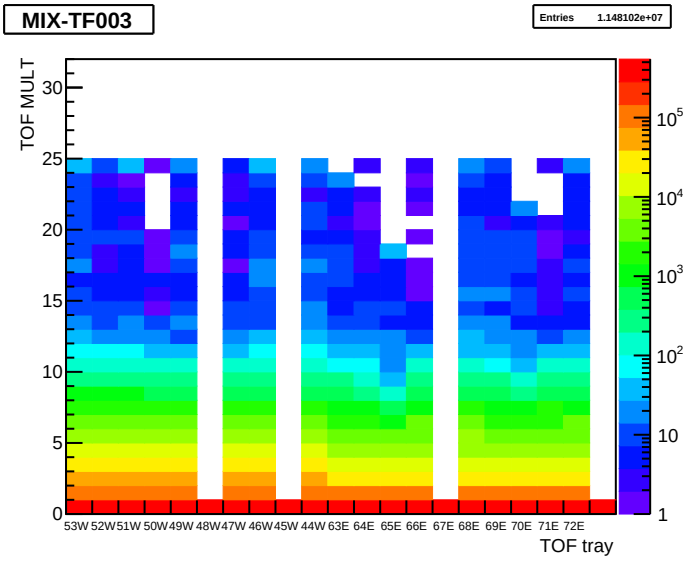

BunchId7Bit (BBC-TAC)
Entries 144341

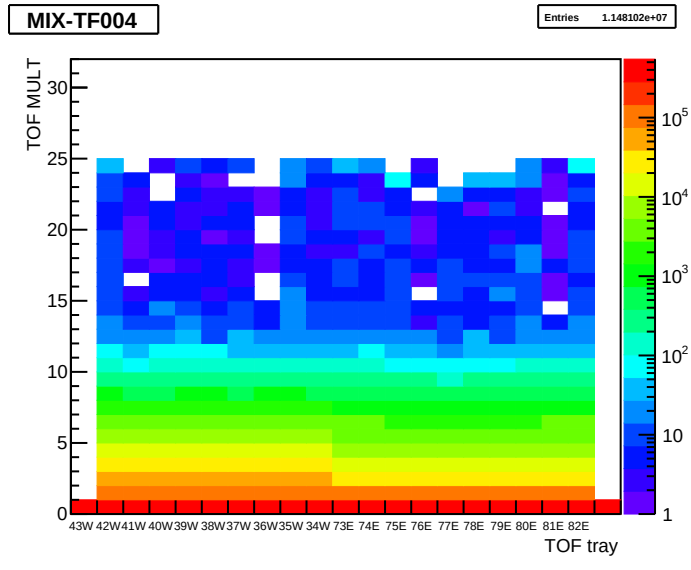

BunchId7Bit (Laser)
Entries 0

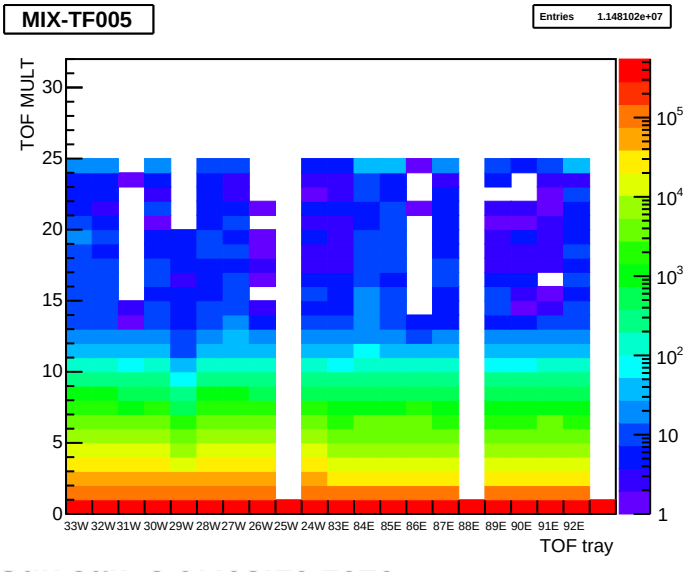

BunchId7Bit (TOFmult window)
Entries 16710

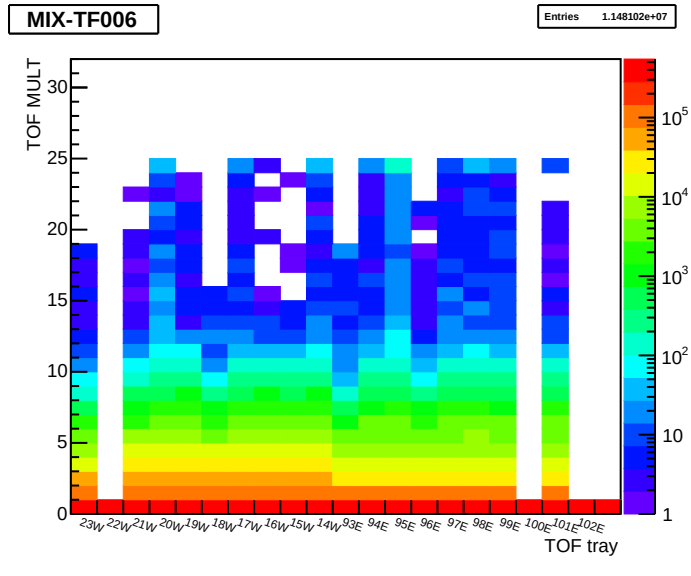

MIX-TF001
Entries 1.148102e+07
TOF MULT
TOF tray

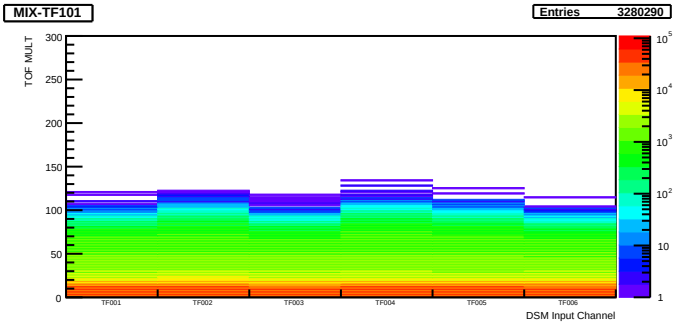

MIX-TF002
Entries 1.148102e+07
TOF MULT
TOF tray

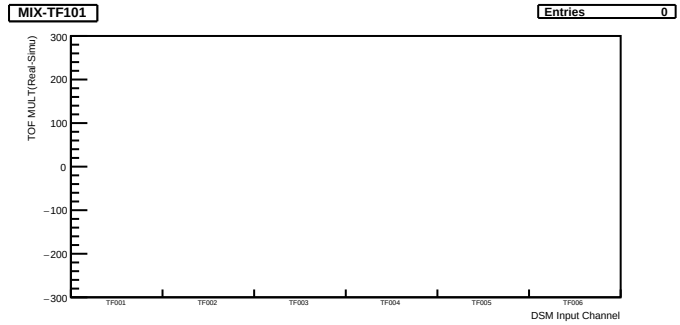

MIX-TF003
Entries 1.148102e+07
TOF MULT
TOF tray

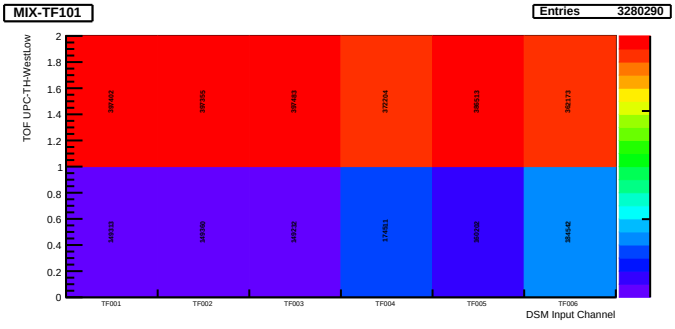

MIX-TF004
Entries 1.148102e+07
TOF MULT
TOF tray

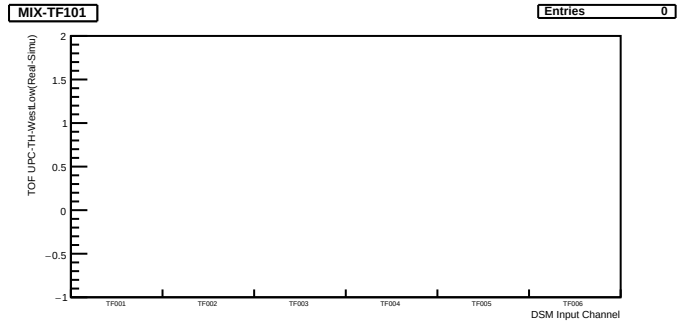

MIX-TF005
Entries 1.148102e+07
TOF MULT
TOF tray

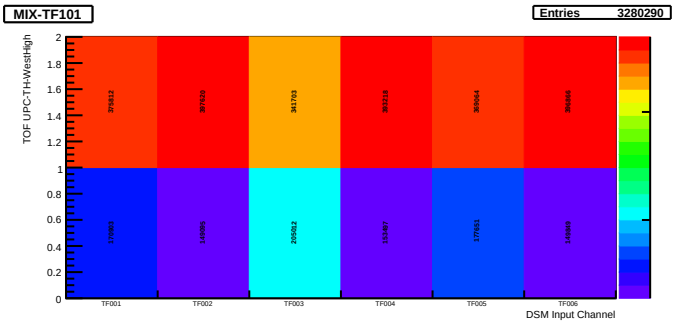

MIX-TF006
Entries 1.148102e+07
TOF MULT
TOF tray

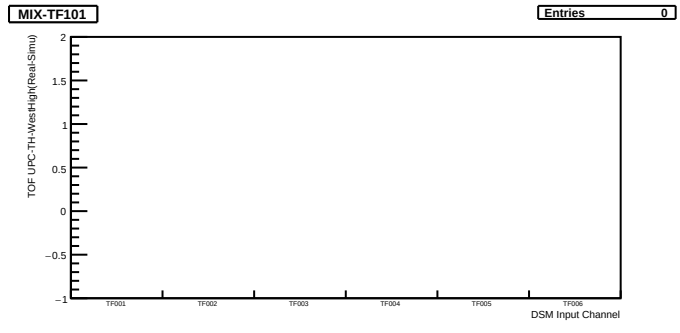

MIX-TF101
Entries 3280290
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

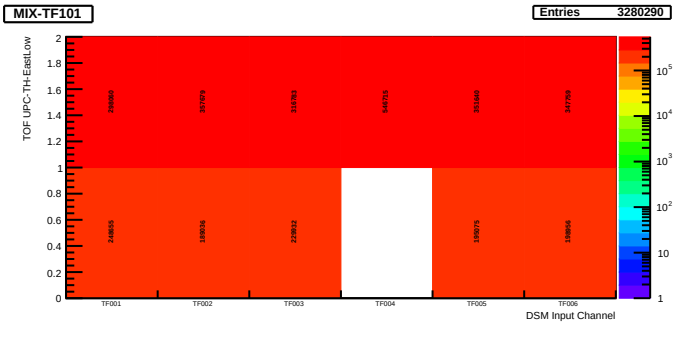

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

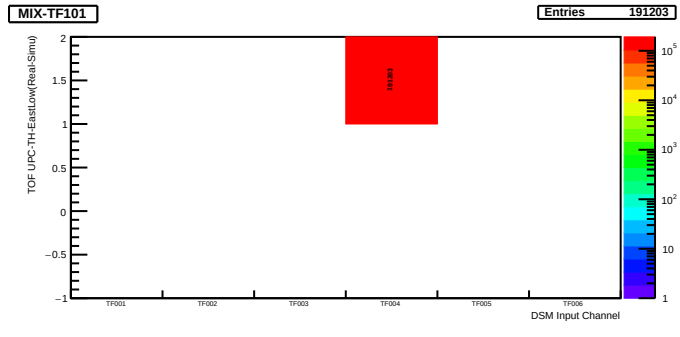

MIX-TF101
Entries 3280290
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

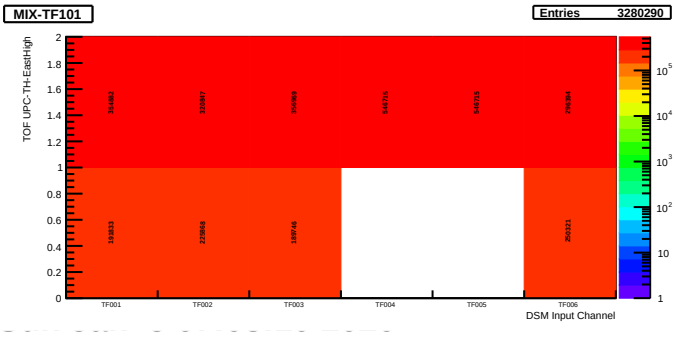

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

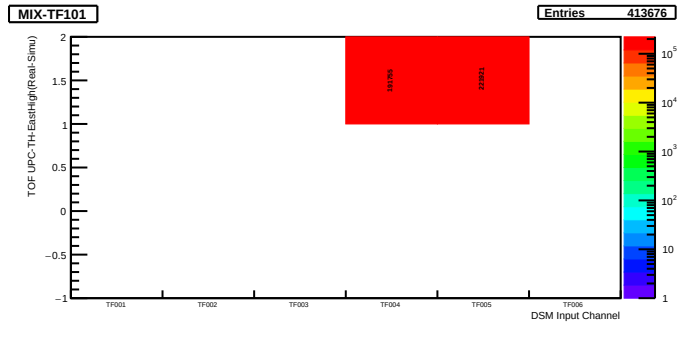

MIX-TF101
Entries 3280290
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

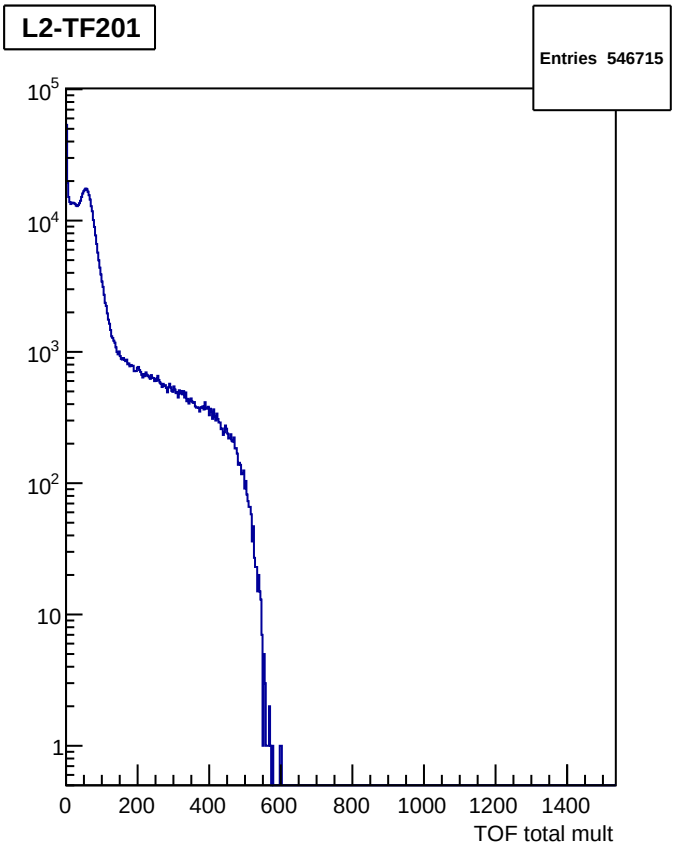

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

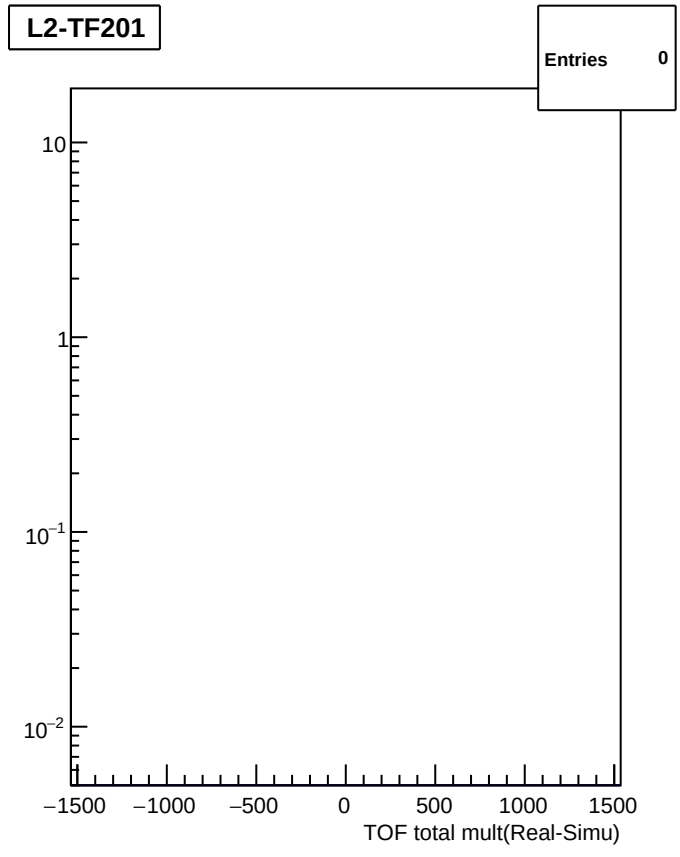

MIX-TF101
Entries 3280290
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

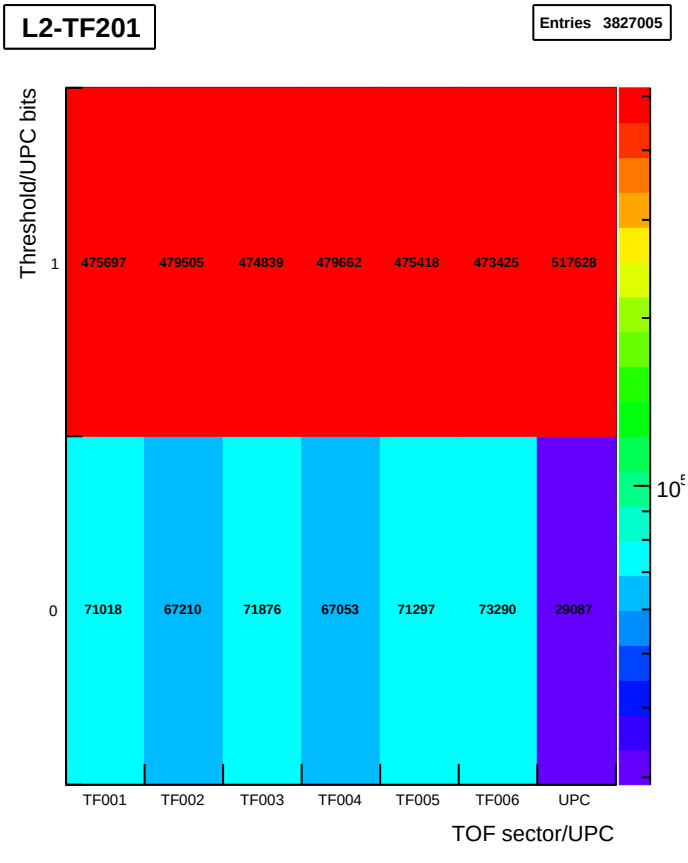

MIX-TF101
Entries 191203
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

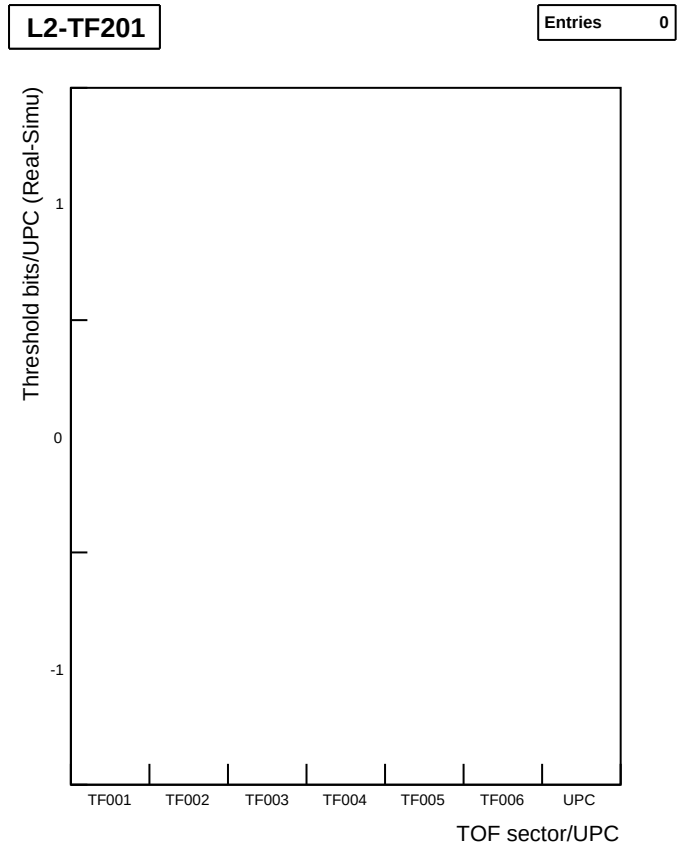

MIX-TF101
Entries 3280290
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

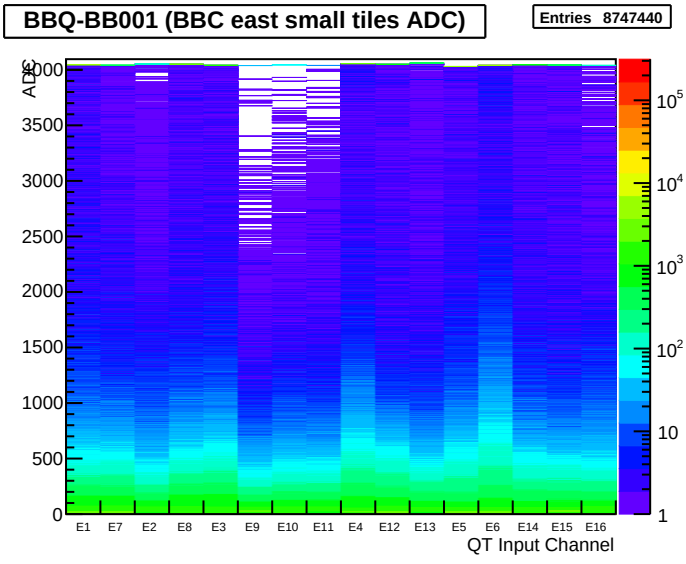

MIX-TF101
Entries 413676
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

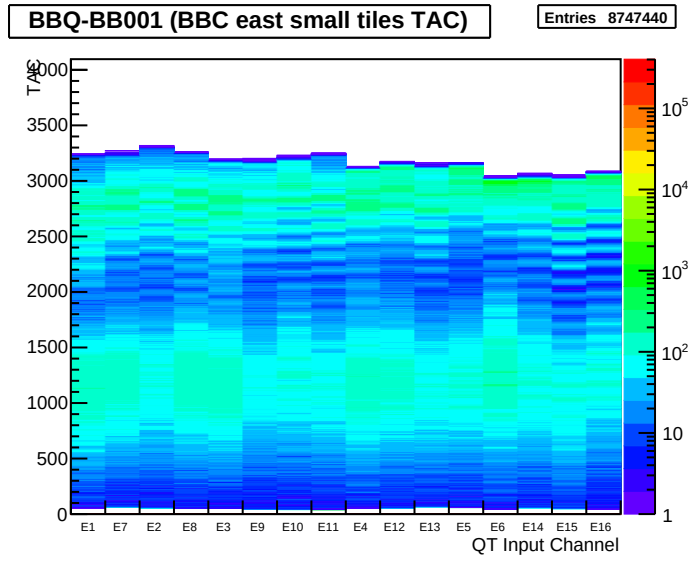

L2-TF201
Entries 546715
TOF total mult

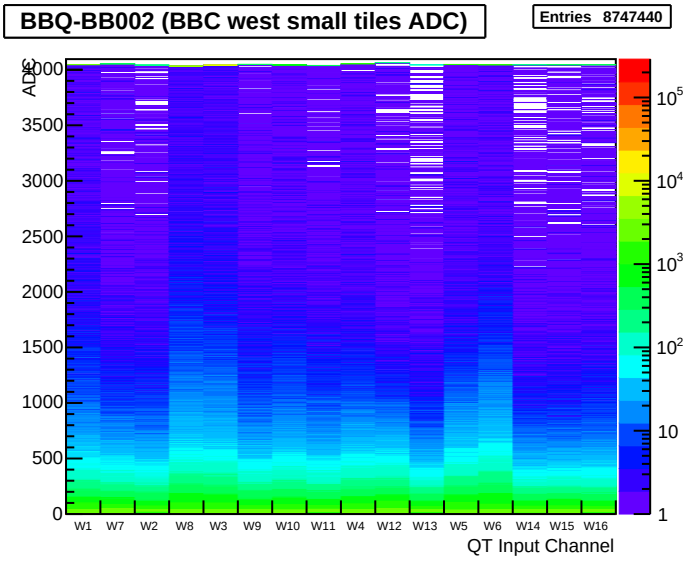

L2-TF201
Entries 0
TOF total mult(Real-Simu)

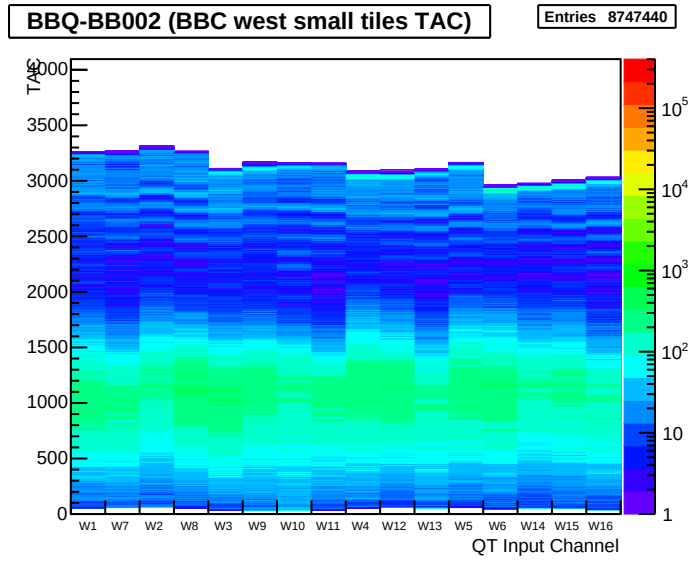

L2-TF201
Entries 3827005
Threshold/UPC bits
475697
479505
474839
479662
475418
473425
517628
71018
67210
71876
67053
71297
73290
29087
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

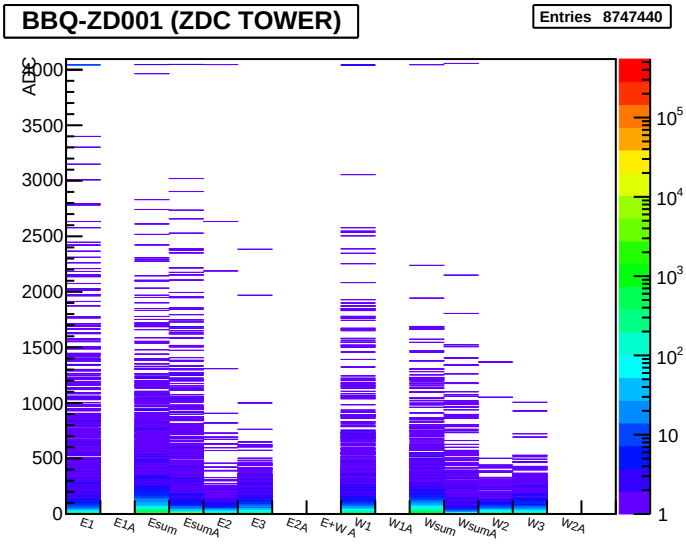

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

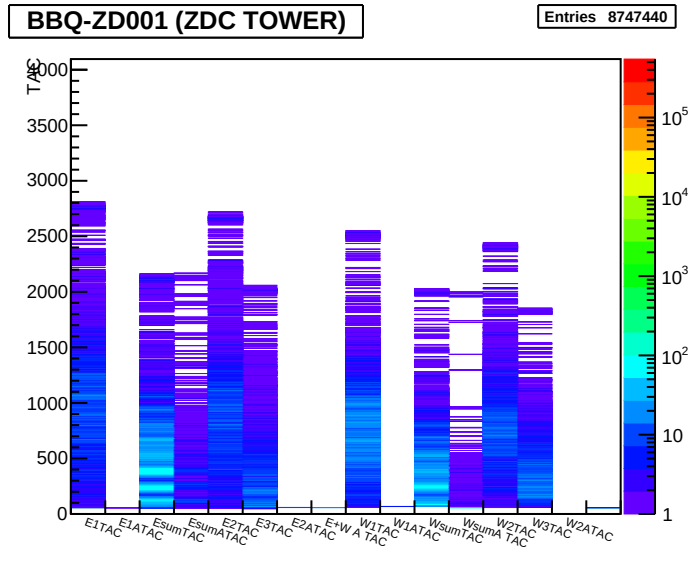

BBQ-BB001 (BBC east small tiles ADC)
Entries 8747440
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

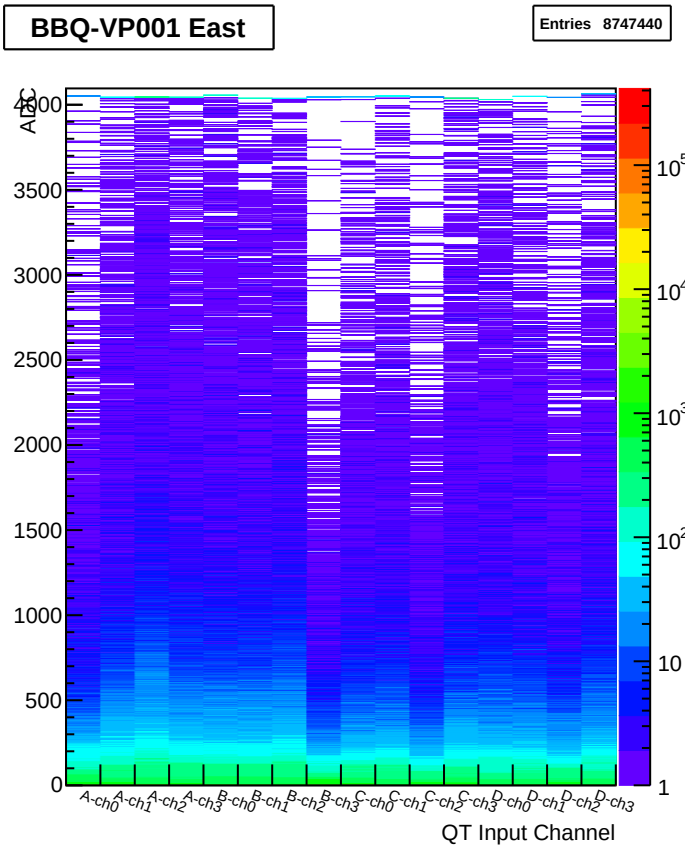

BBQ-BB001 (BBC east small tiles TAC)
Entries 8747440
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

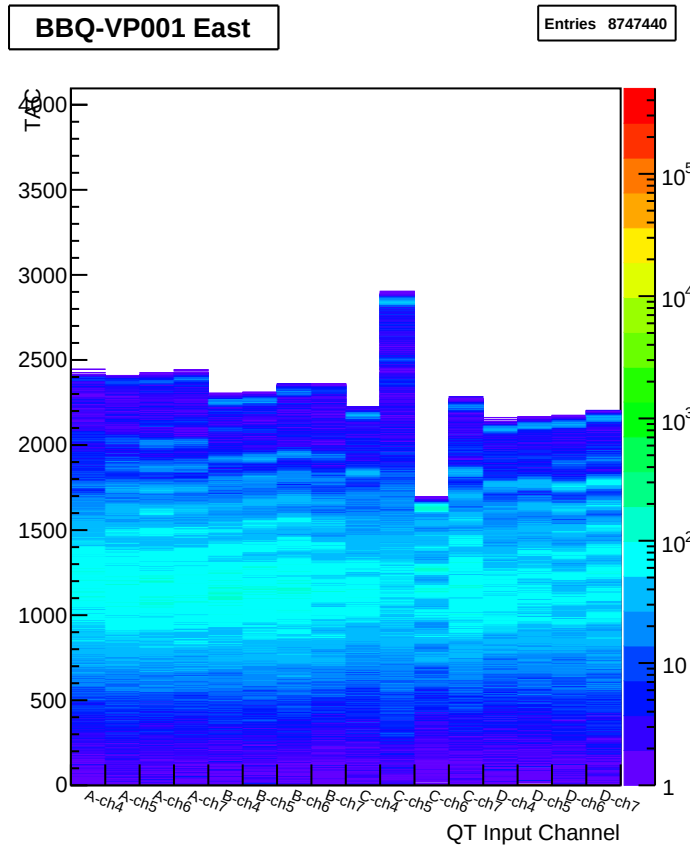

BBQ-BB002 (BBC west small tiles ADC)
Entries 8747440
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

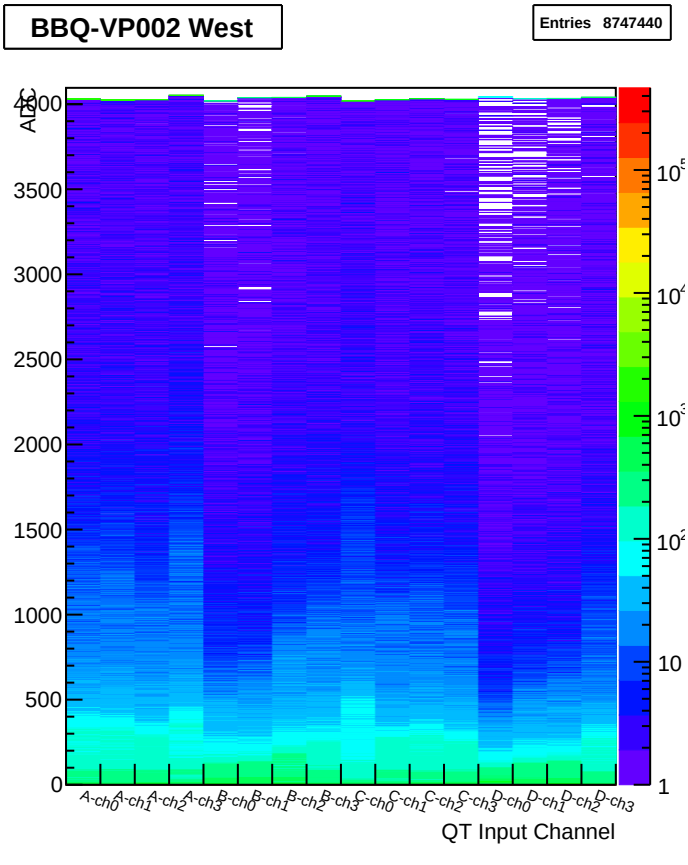

BBQ-BB002 (BBC west small tiles TAC)
Entries 8747440
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

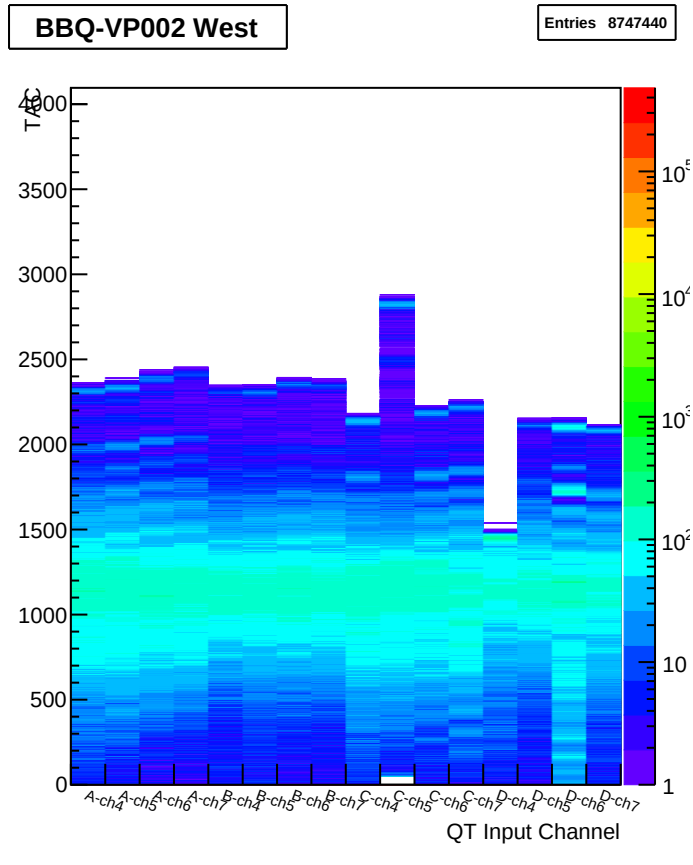

BBQ-ZD001 (ZDC TOWER)
Entries 8747440
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

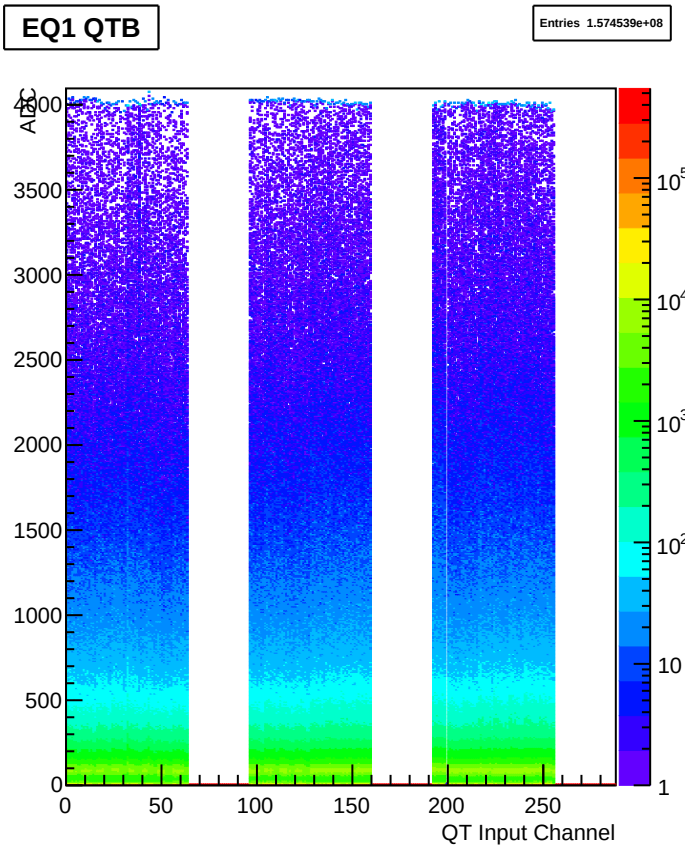

BBQ-ZD001 (ZDC TOWER)
Entries 8747440
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

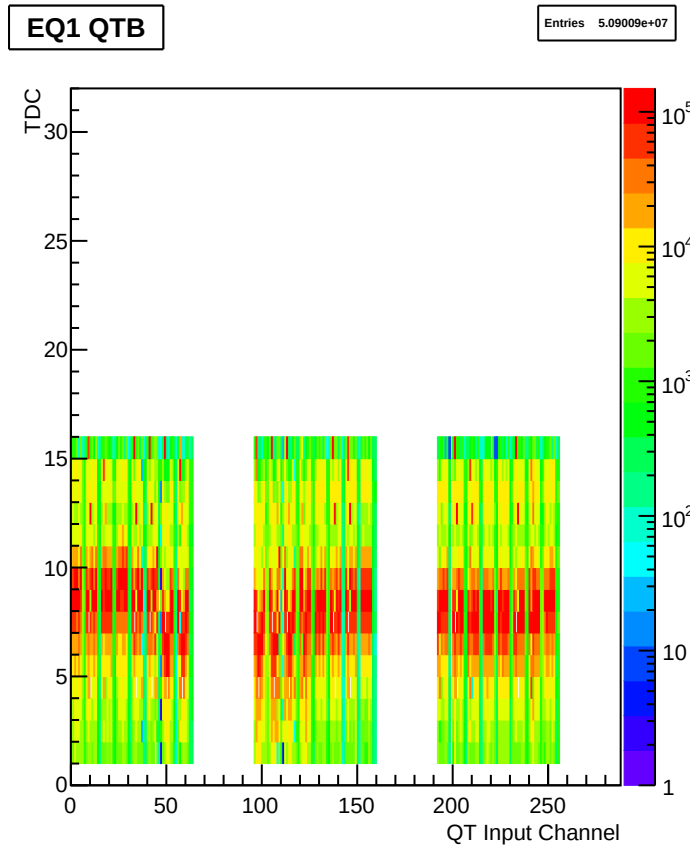

BBQ-VP001 East
Entries 8747440
ADC
QT Input Channel

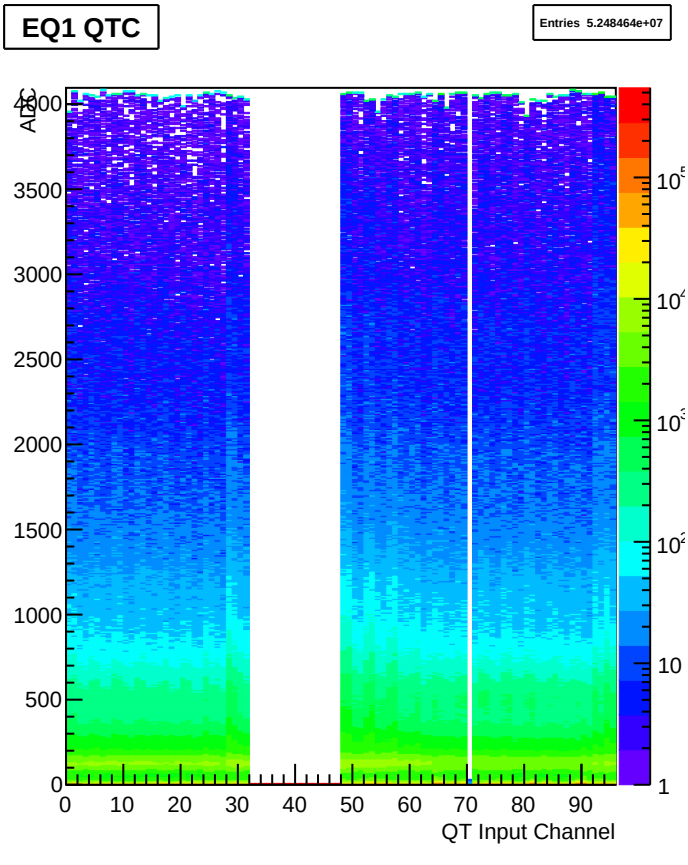

BBQ-VP001 East
Entries 8747440
TAC
QT Input Channel

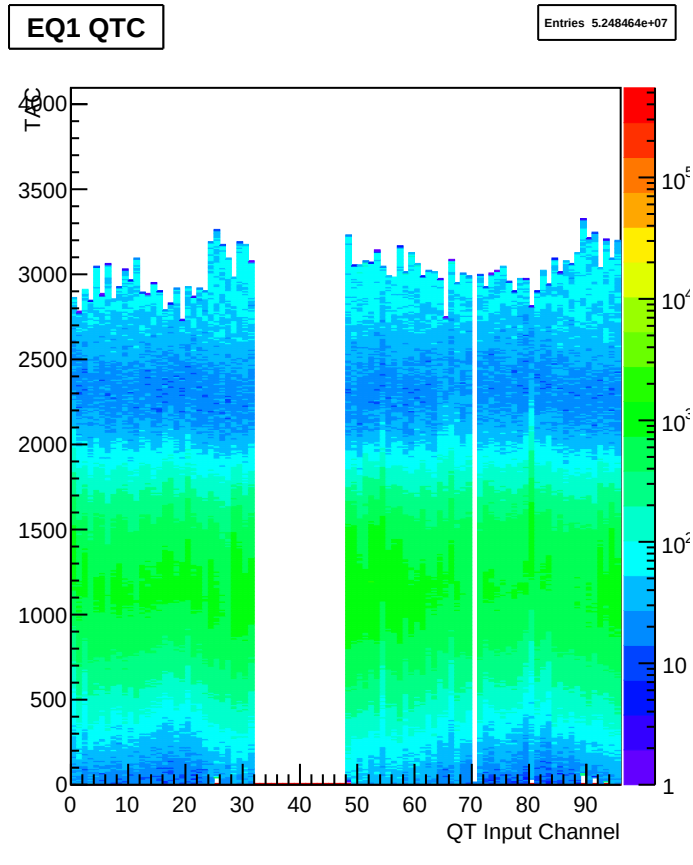

BBQ-VP002 West
Entries 8747440
ADC
QT Input Channel

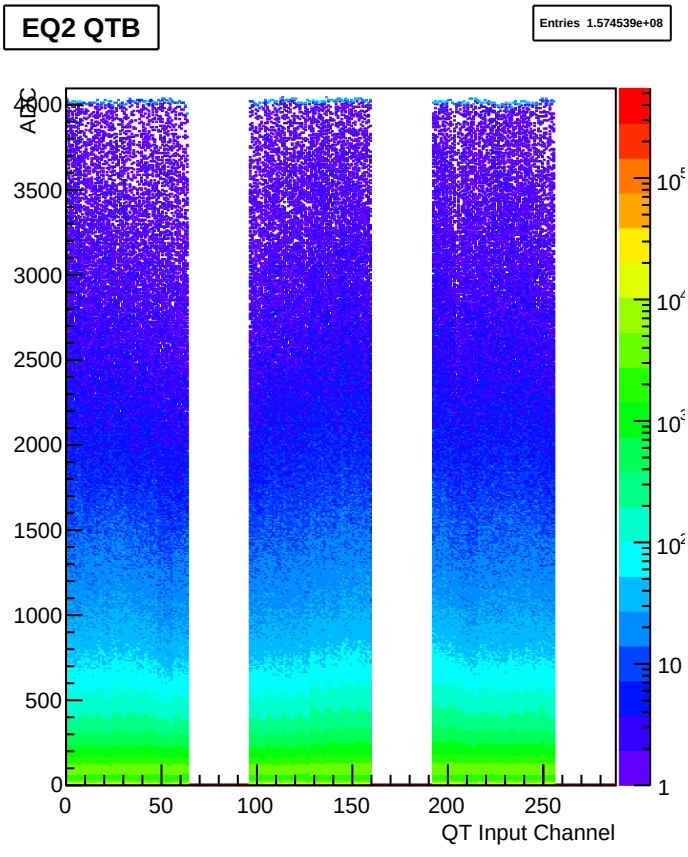

BBQ-VP002 West
Entries 8747440
TAC
QT Input Channel

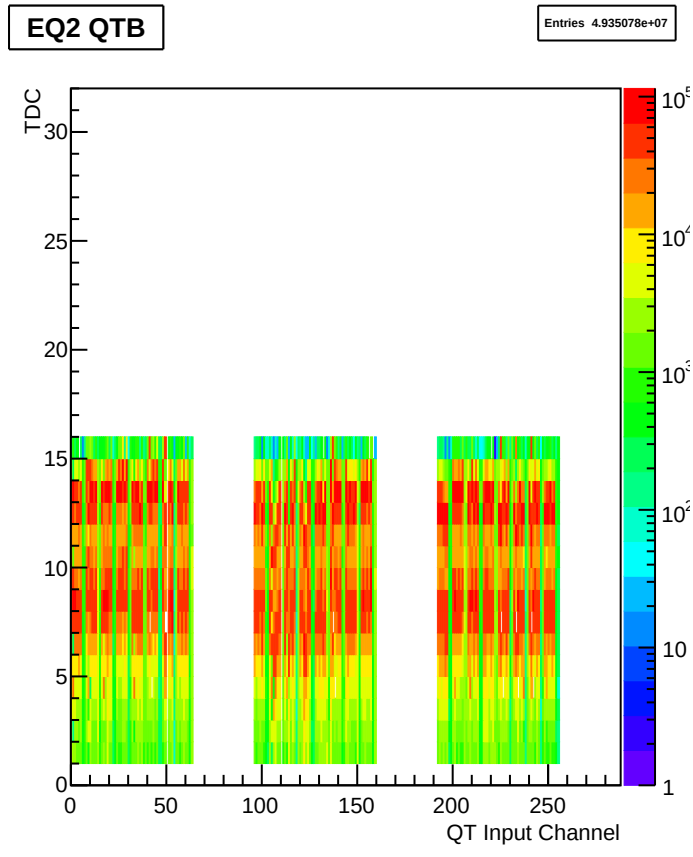

EQ1 QTB
Entries 1.574539e+08
ADC
QT Input Channel

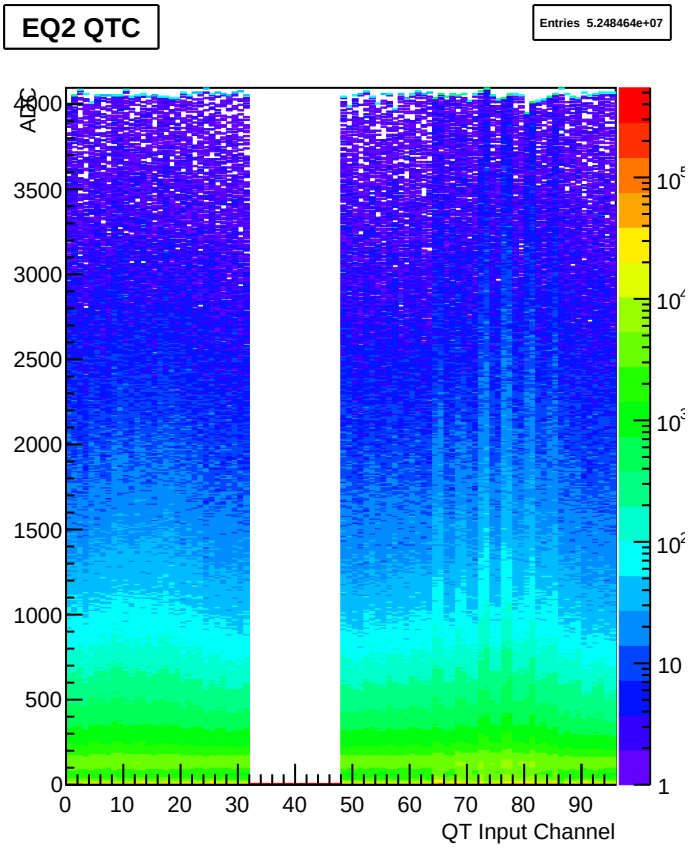

EQ1 QTB
Entries 5.09009e+07
TDC
QT Input Channel

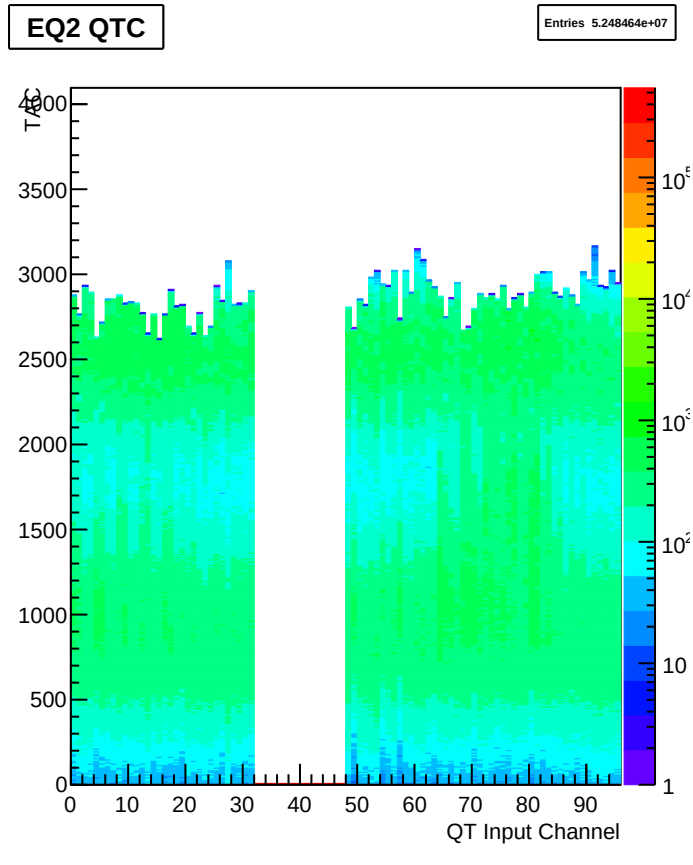

EQ1 QTC
Entries 5.248464e+07
ADC
QT Input Channel

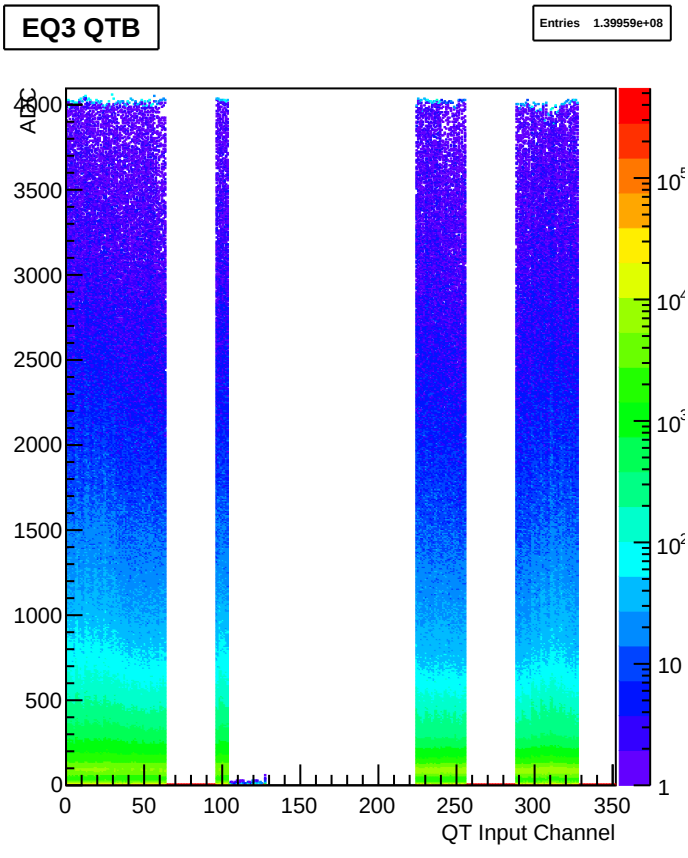

EQ1 QTC
Entries 5.248464e+07
TADC
QT Input Channel

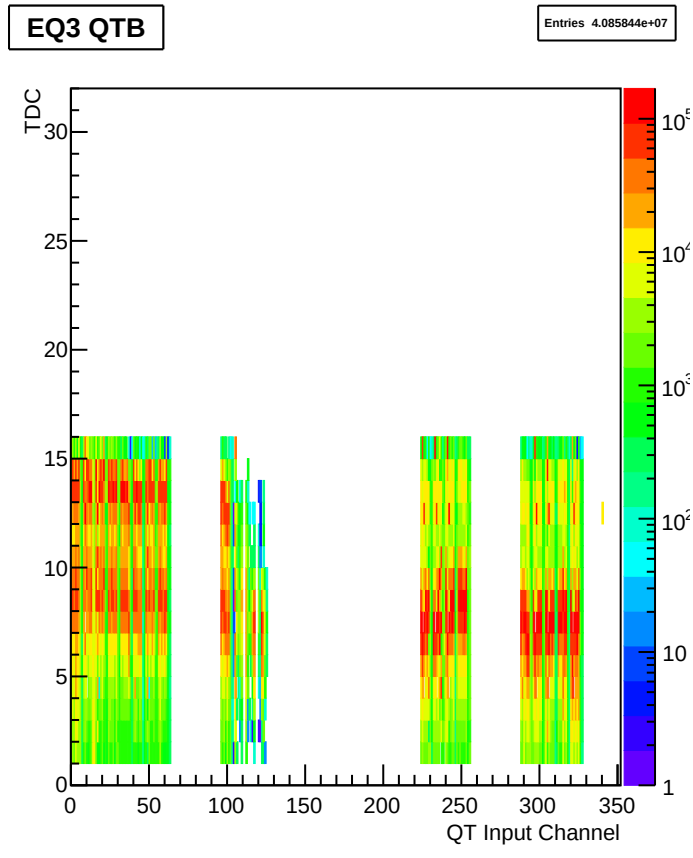

EQ2 QTB
Entries 1.574539e+08
ADC
QT Input Channel

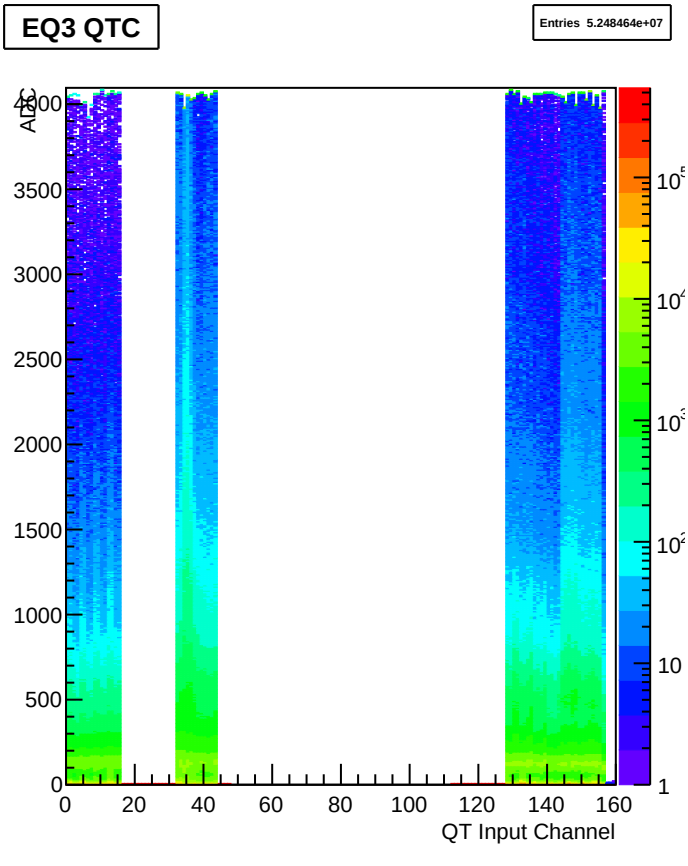

EQ2 QTB
Entries 4.935078e+07
TDC
QT Input Channel

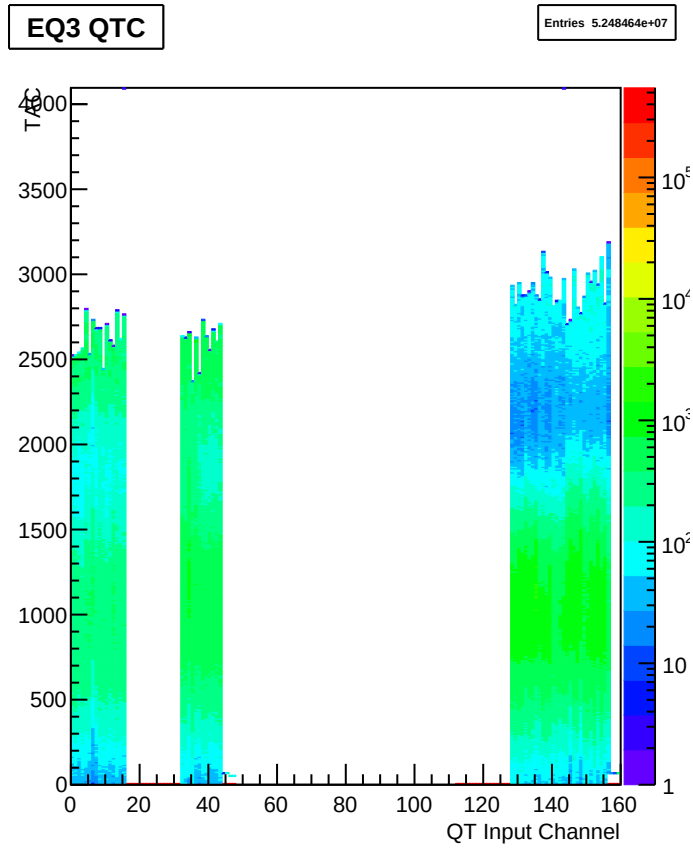

EQ2 QTC
Entries 5.248464e+07
ADC
QT Input Channel

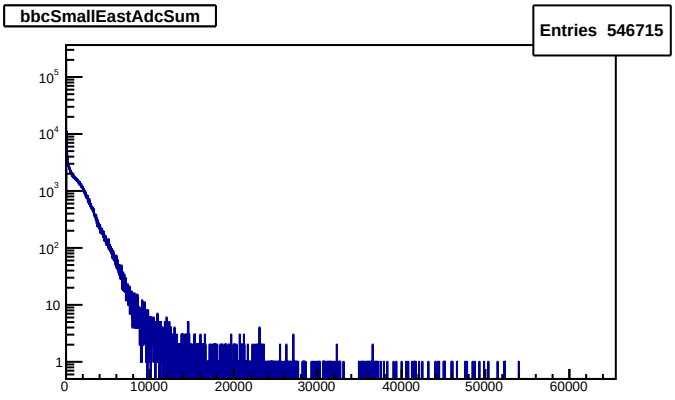

EQ2 QTC
Entries 5.248464e+07
TADC
QT Input Channel

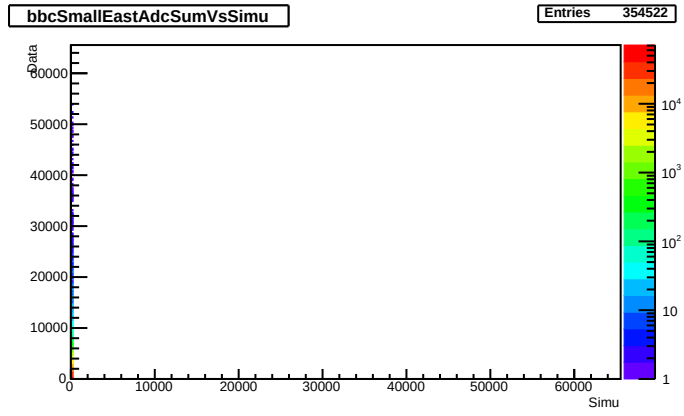

EQ3 QTB
Entries 1.39959e+08
ADC
QT Input Channel

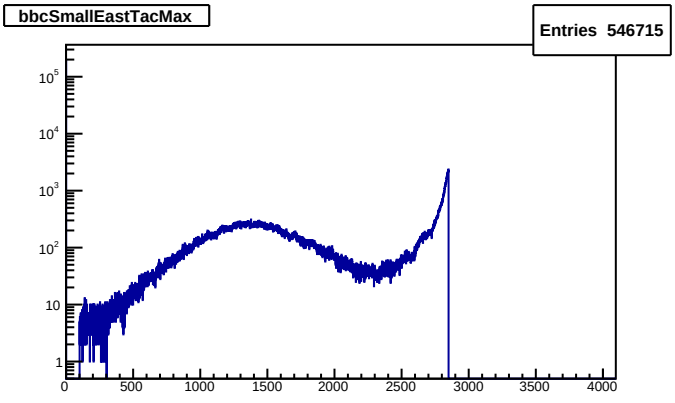

EQ3 QTB
Entries 4.085844e+07
TDC
QT Input Channel

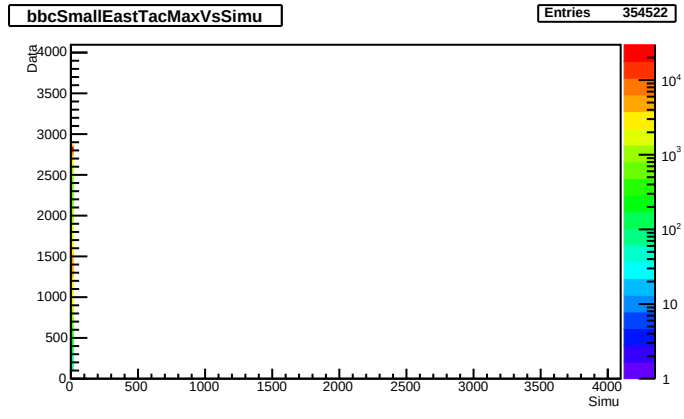

EQ3 QTC
Entries 5.248464e+07
ADC
QT Input Channel

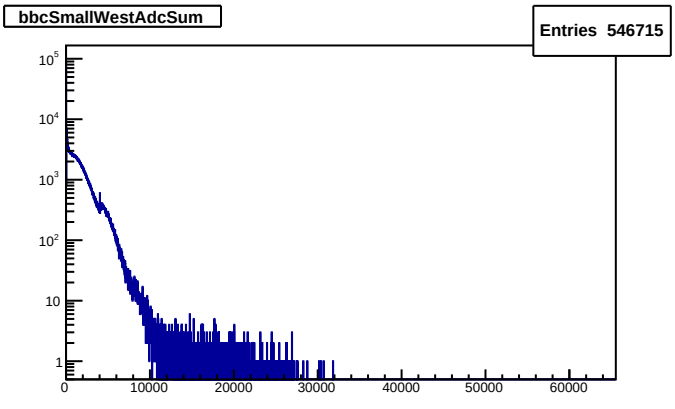

EQ3 QTC
Entries 5.248464e+07
TADC
QT Input Channel

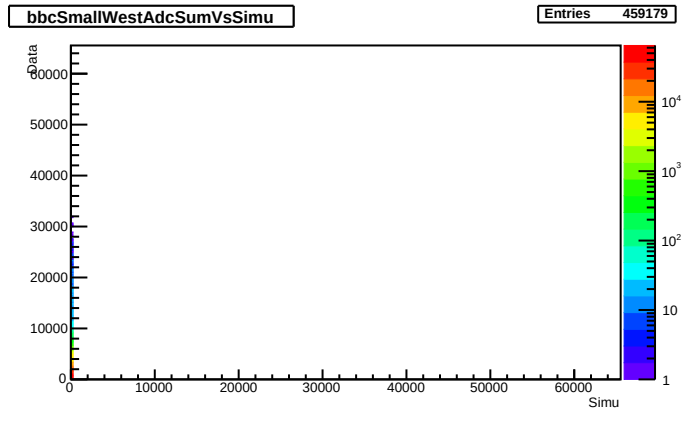

bbcSmallEastAdcSum
Entries 546715

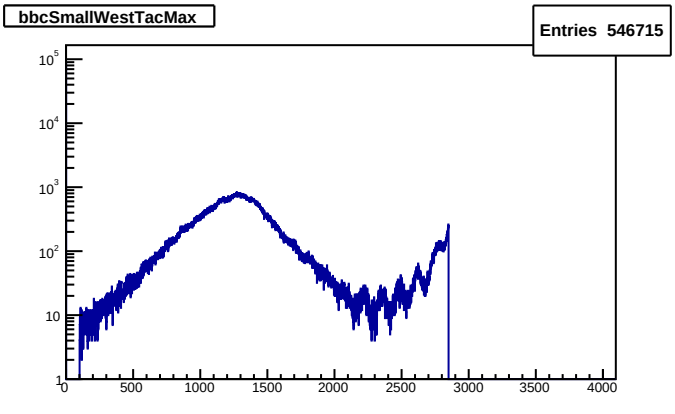

bbcSmallEastAdcSumVsSimu
Entries 354522
Data
Simu

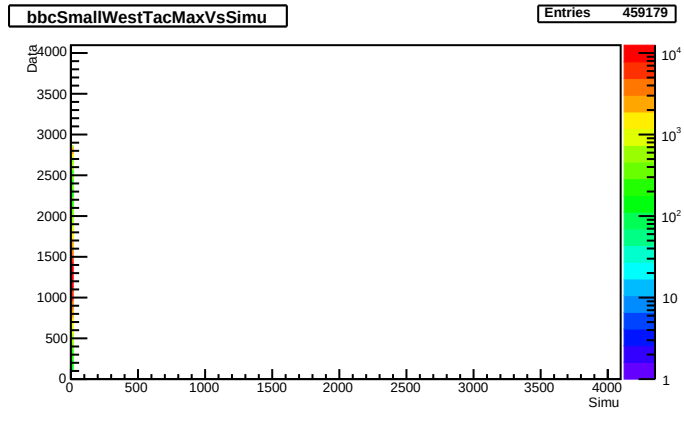

bbcSmallEastTacMax
Entries 546715

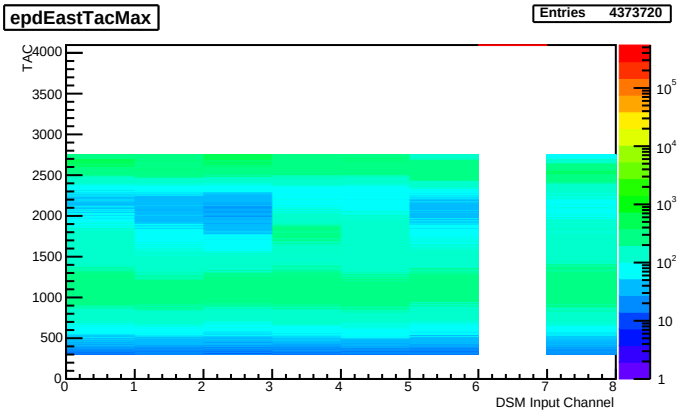

bbcSmallEastTacMaxVsSimu
Entries 354522
Data
Simu

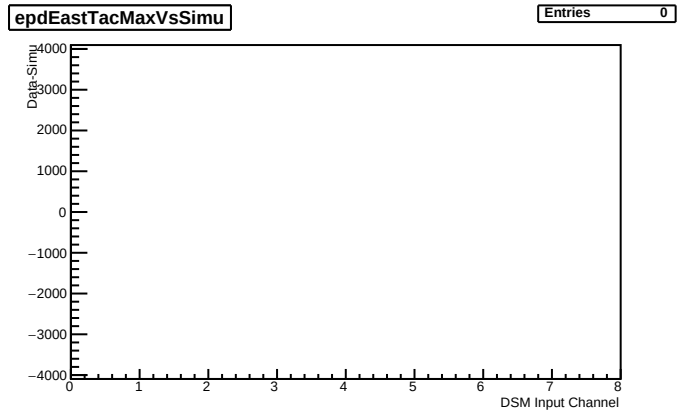

bbcSmallWestAdcSum
Entries 546715

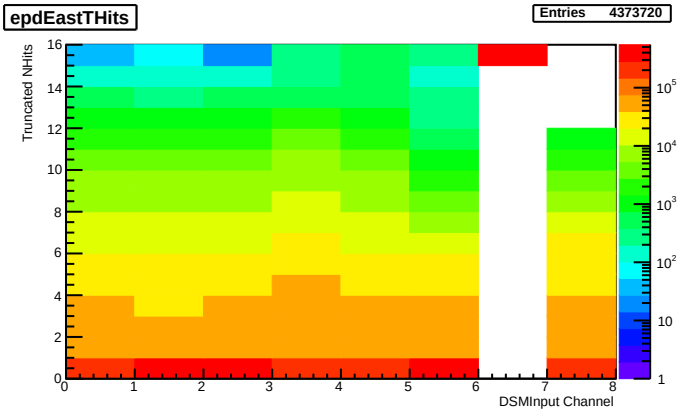

bbcSmallWestAdcSumVsSimu
Entries 459179
Data
Simu

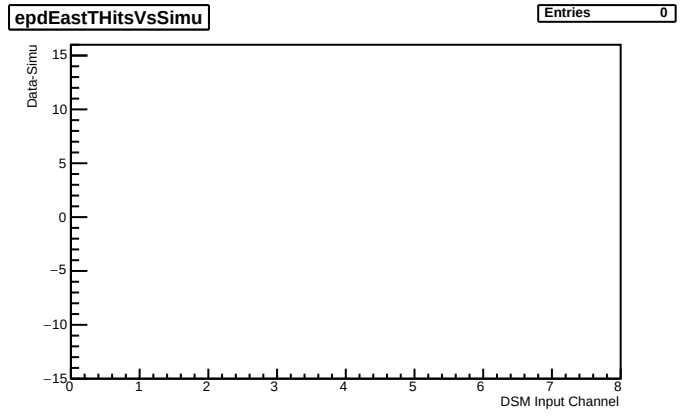

bbcSmallWestTacMax
Entries 546715


bbcSmallWestTacMaxVsSimu
Entries 459179
Data
Simu


epdEastTacMax
Entries 4373720
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4373720
Truncated NHits
DSMInput Channel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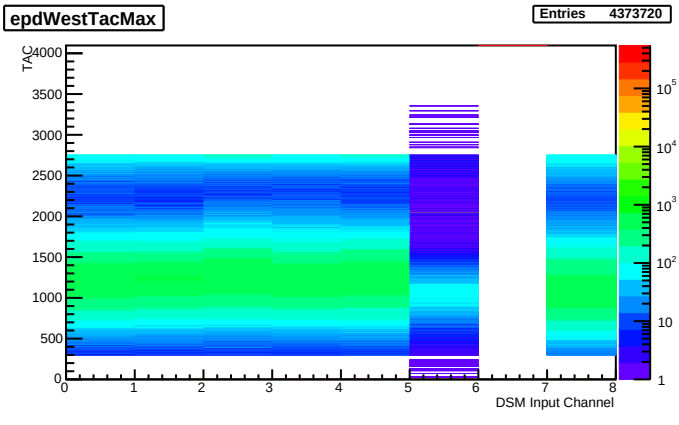
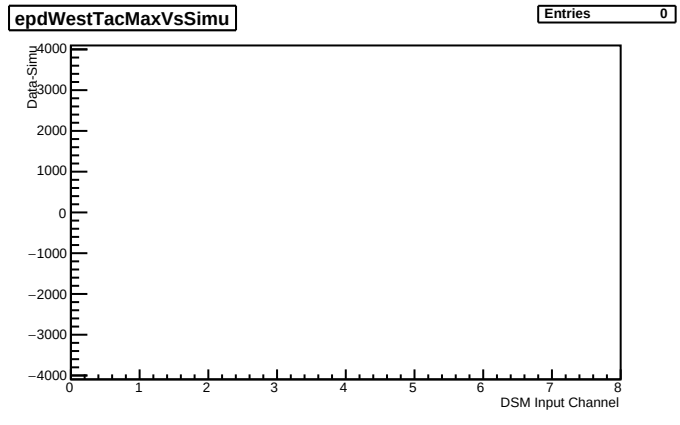
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4373720
TAC
DSM Input Channel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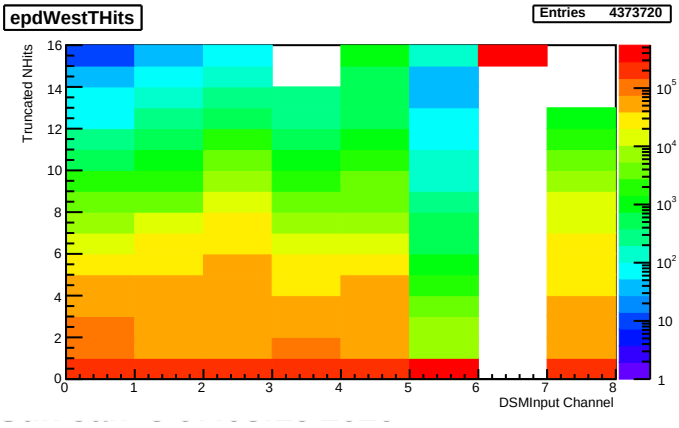
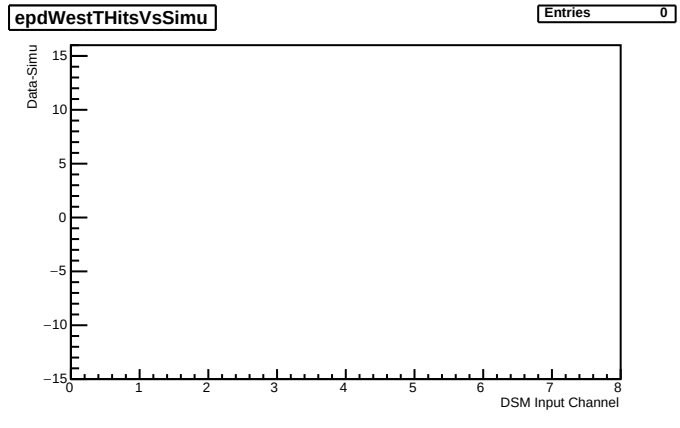
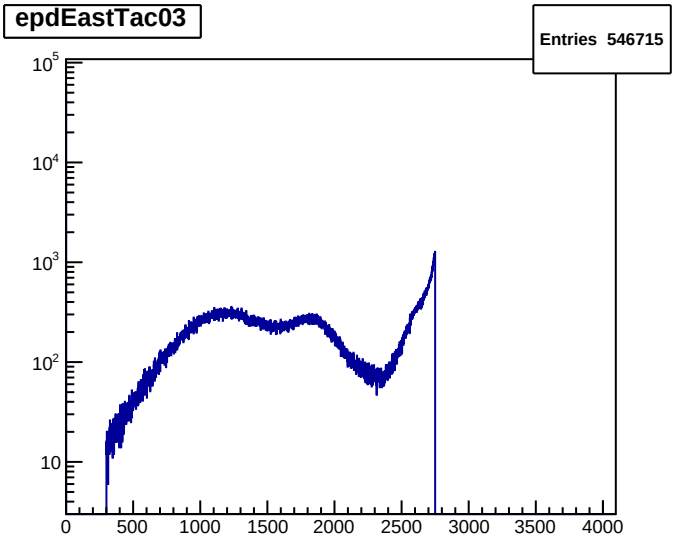
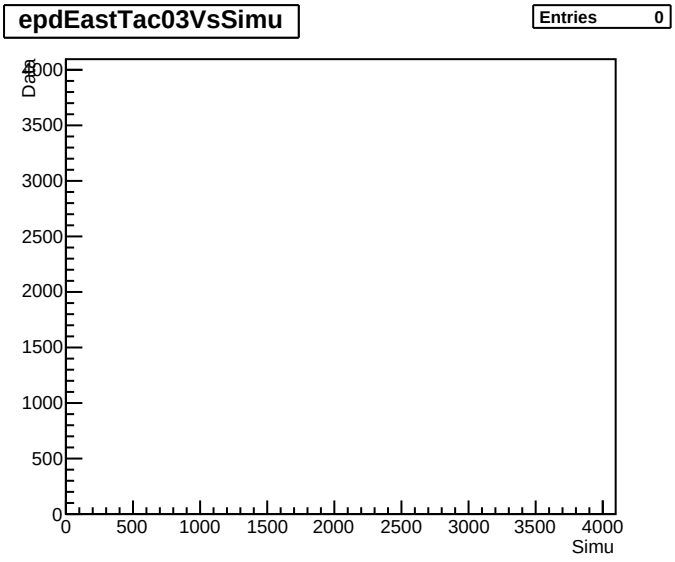
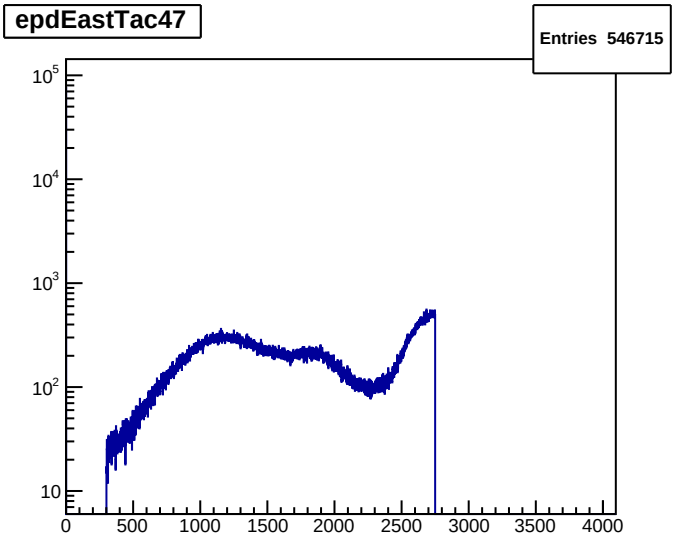
Entries 0
Data-Simu
DSM Input Channel

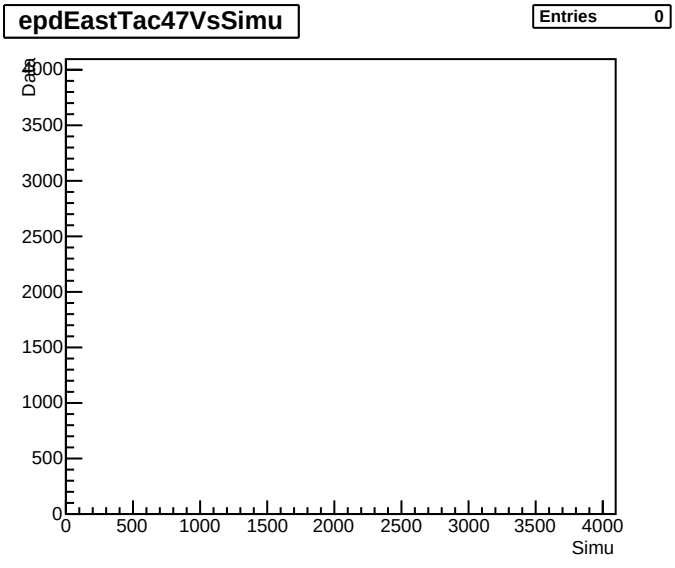

epdWestTHits
Entries 4373720
Truncated NHits
DSMInput Channel

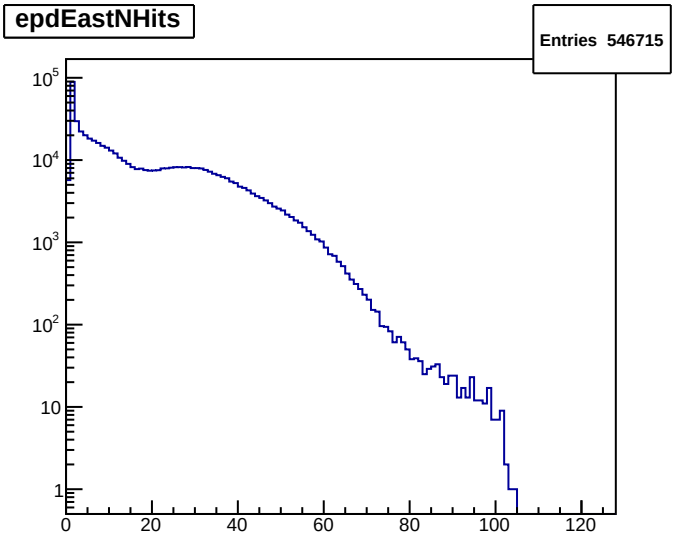

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

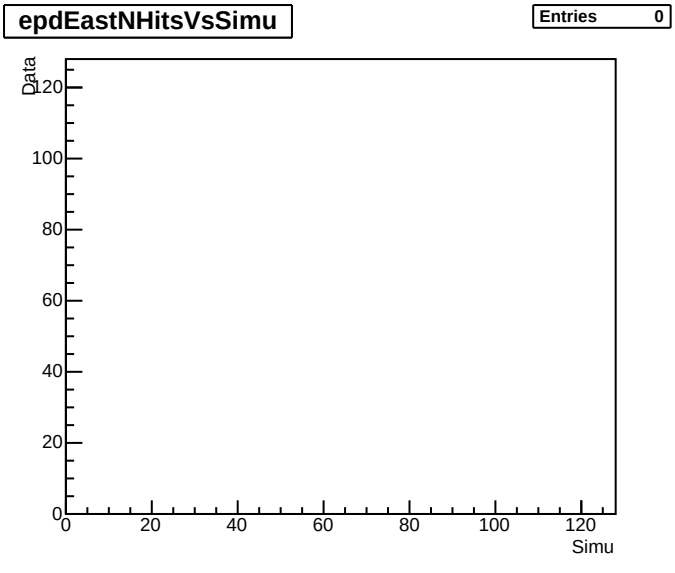

epdEastTac03
Entries 546715


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 546715


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 546715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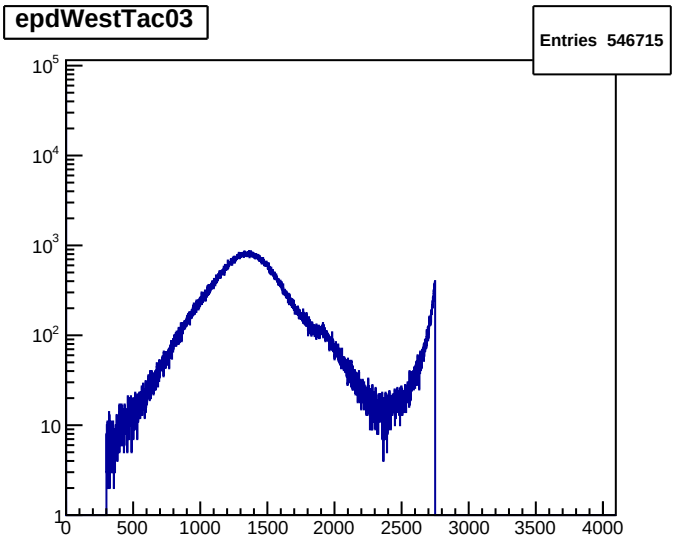
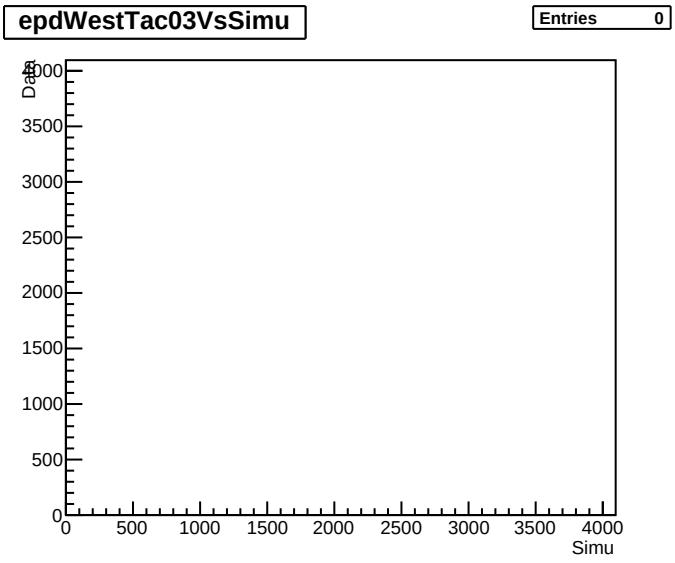
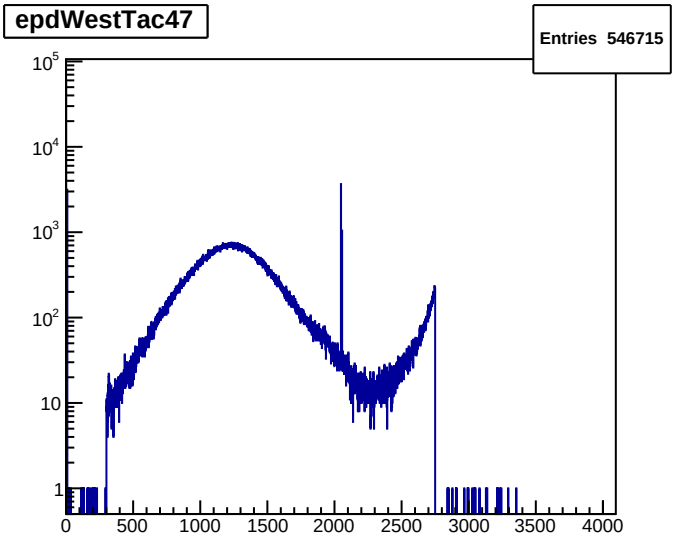
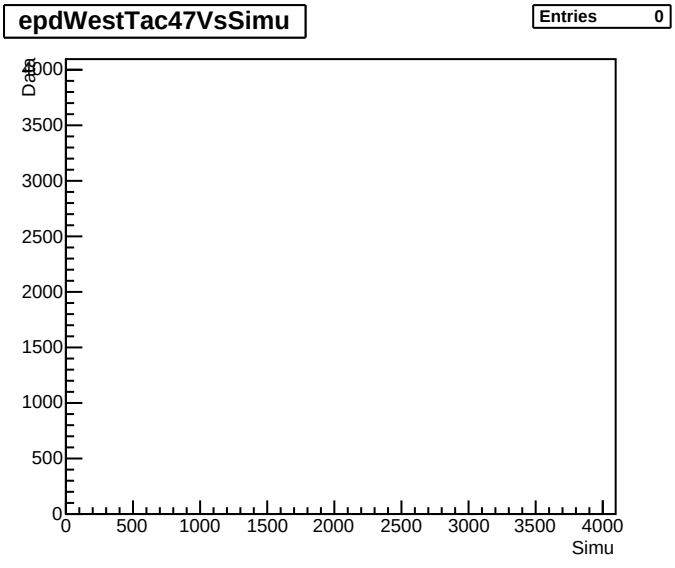
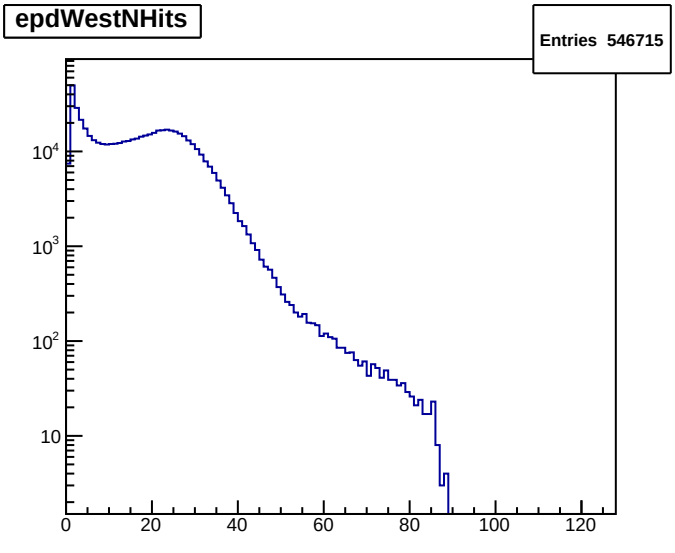
Entries 0
Data
Simu

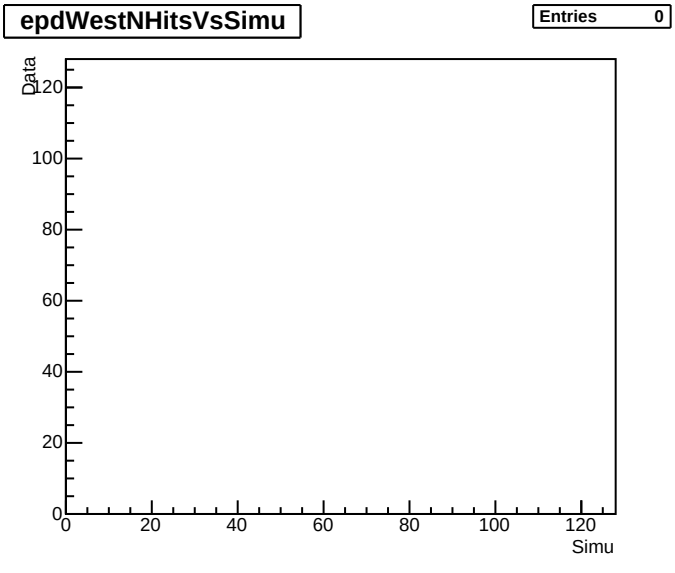

epdWestTac03
Entries 546715

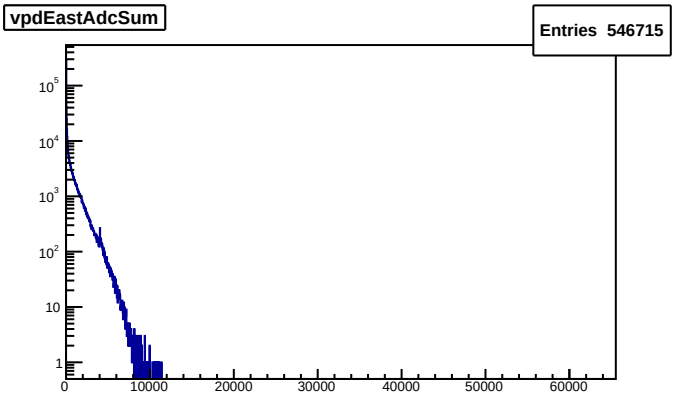

epdWestTac03VsSimu
Entries 0
Data
Simu

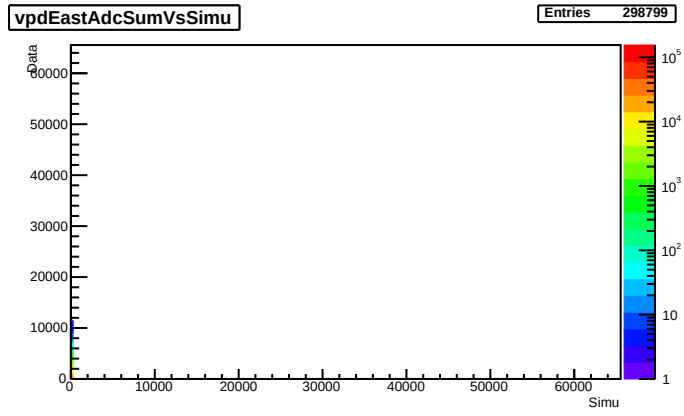

epdWestTac47
Entries 546715

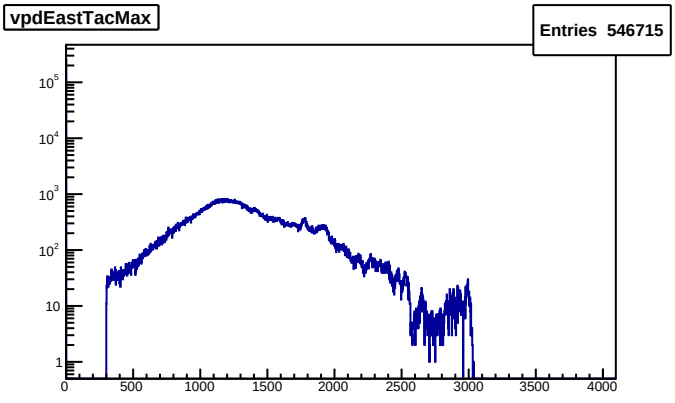

epdWestTac47VsSimu
Entries 0
Data
Simu

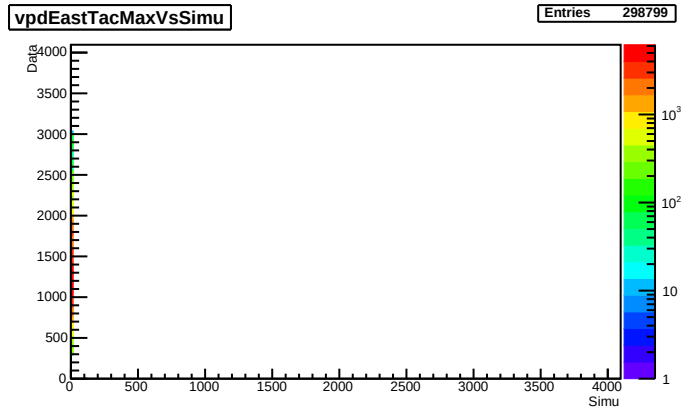

epdWestNHits
Entries 546715

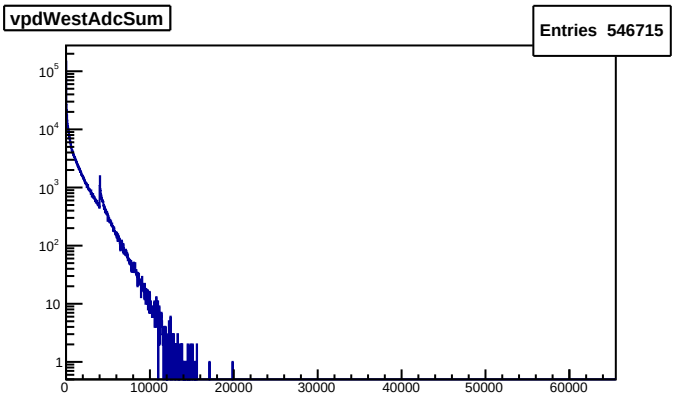

epdWestNHitsVsSimu
Entries 0
Data
Simu

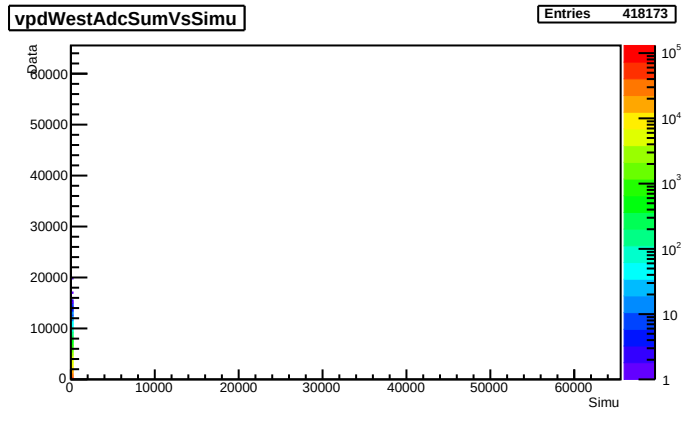

vpdEastAdcSum
Entries 546715

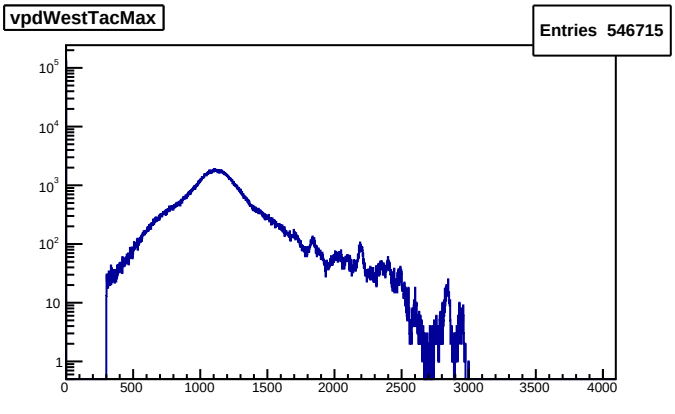

vpdEastAdcSumVsSimu
Entries 298799
Data
Simu

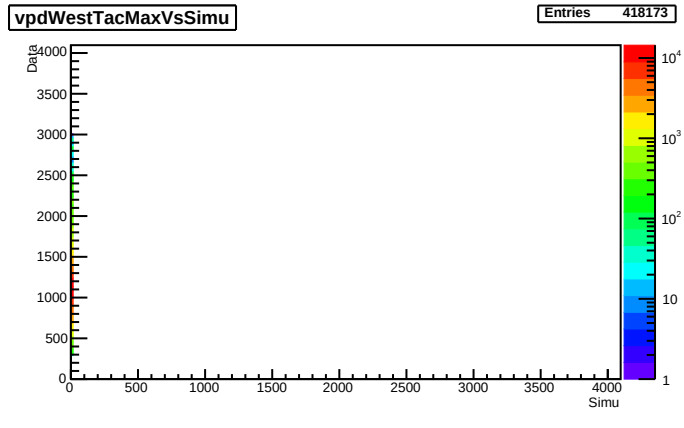

vpdEastTacMax
Entries 546715

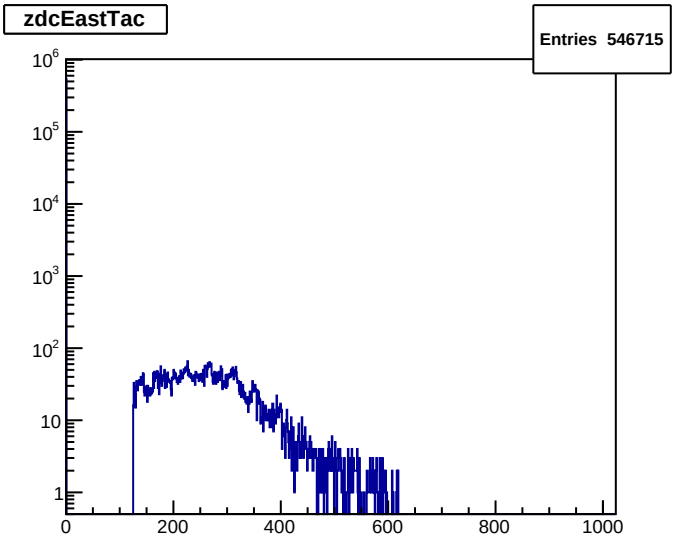

vpdEastTacMaxVsSimu
Entries 298799
Data
Simu

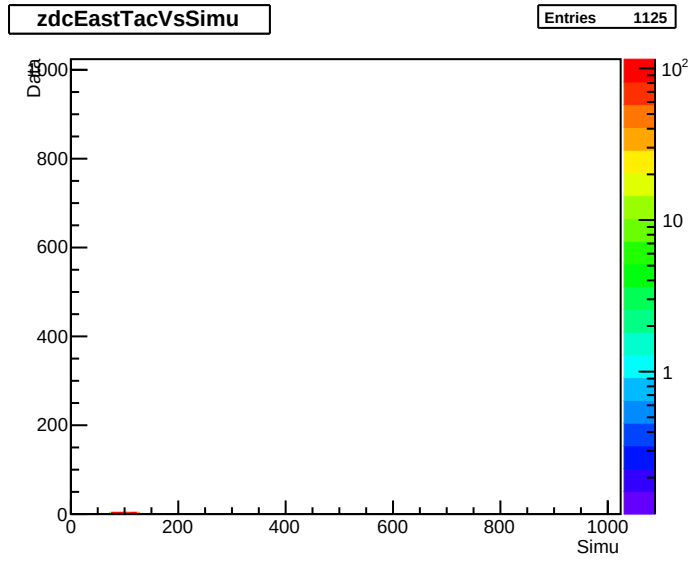

vpdWestAdcSum
Entries 546715

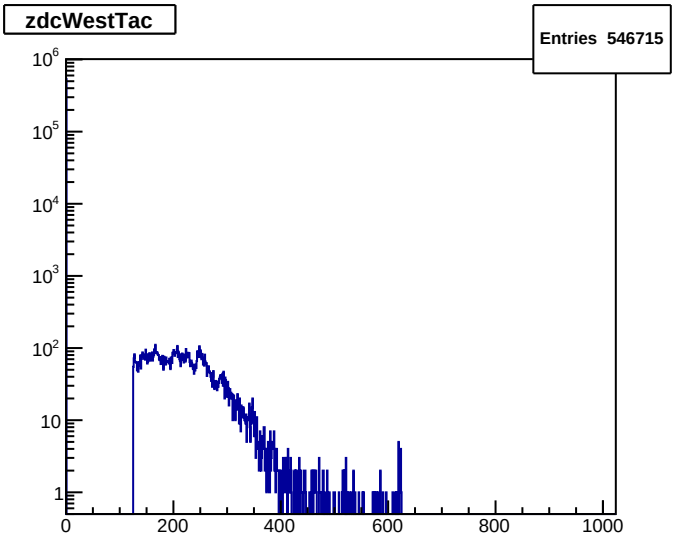

vpdWestAdcSumVsSimu
Entries 418173
Data
Simu

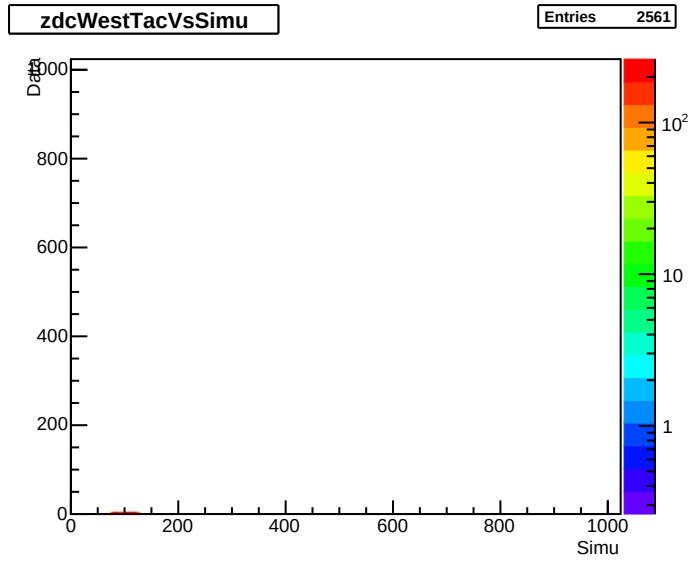

vpdWestTacMax
Entries 546715

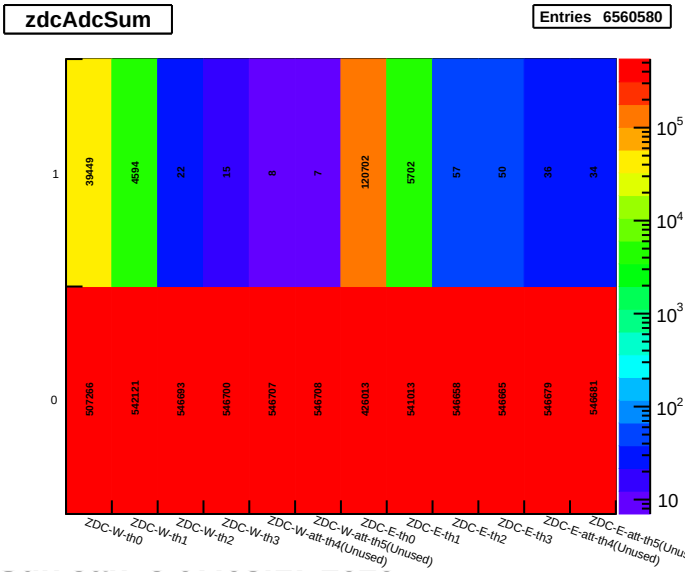

vpdWestTacMaxVsSimu
Entries 418173
Data
Simu

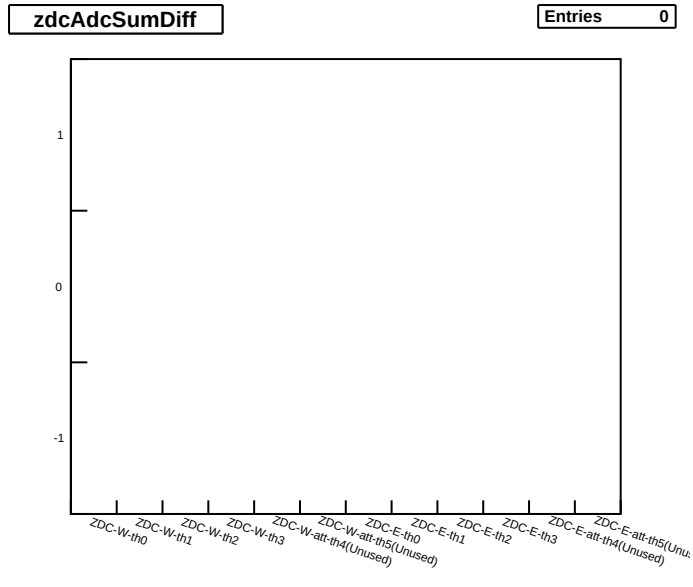

zdcEastTac
Entries 546715

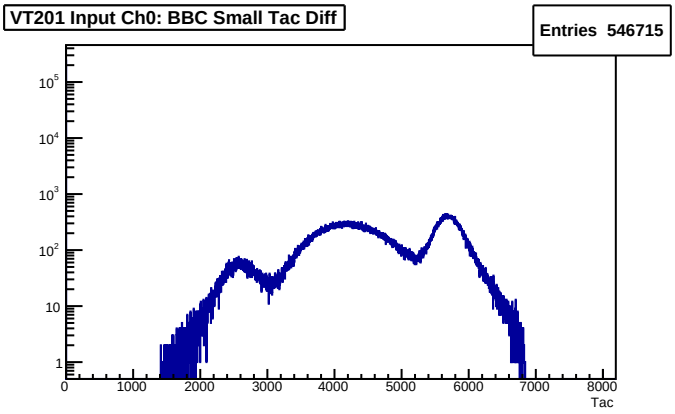

zdcEastTacVsSimu
Entries 1125
Data
Simu

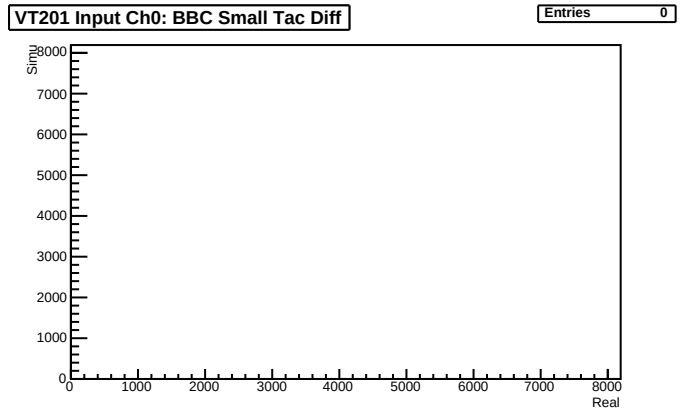

zdcWestTac
Entries 546715

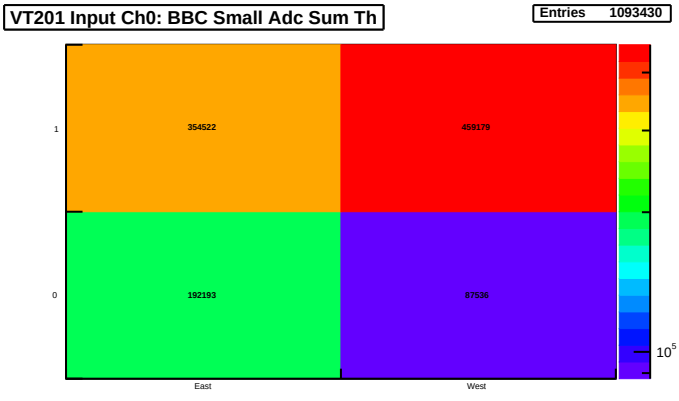

zdcWestTacVsSimu
Entries 2561
Data
Simu

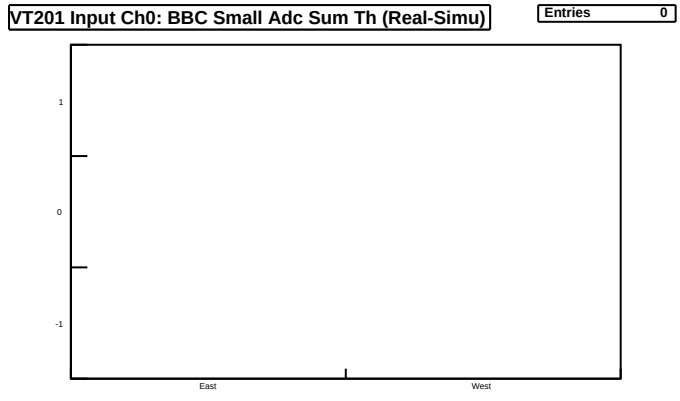

zdcAdcSum
Entries 6560580
39449
4594
22
15
8
7
120702
5702
57
50
36
34
507266
542121
546693
546700
546707
546708
426013
541013
546658
546665
546679
546681
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

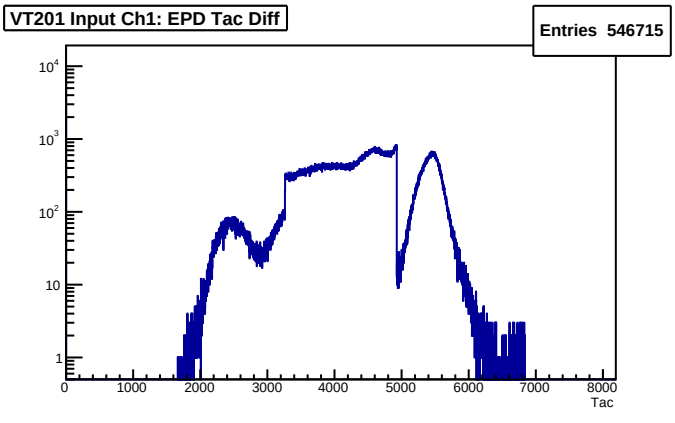

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

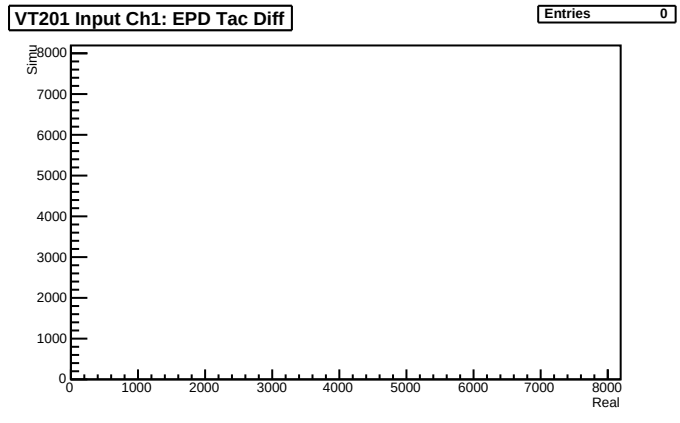

VT201 Input Ch0: BBC Small Tac Diff
Entries 546715
Tac

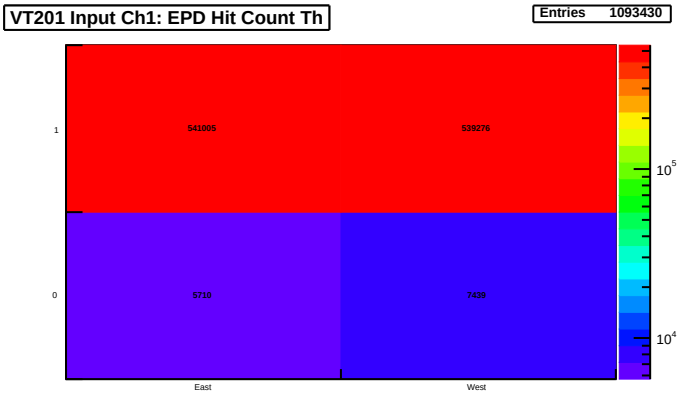

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

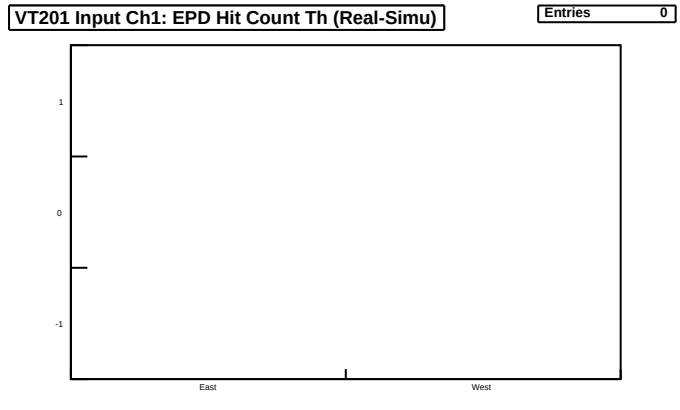

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1093430
354522
459179
192193
87536
East
West

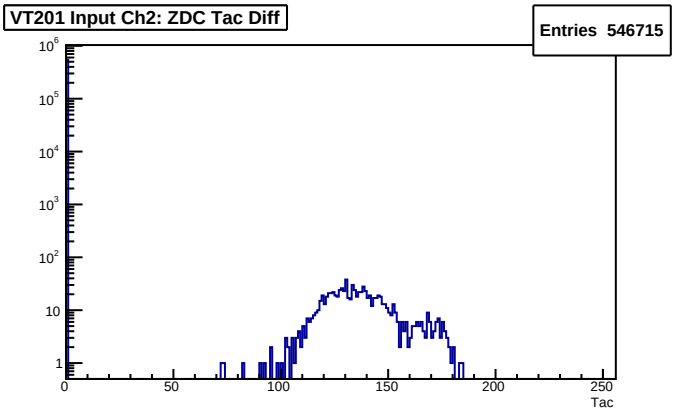

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

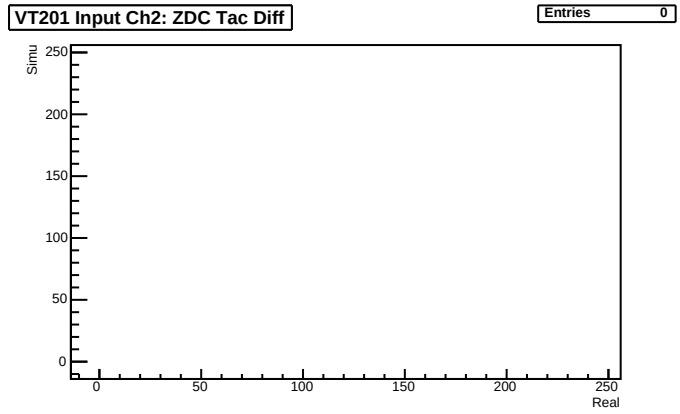

VT201 Input Ch1: EPD Tac Diff
Entries 546715
Tac

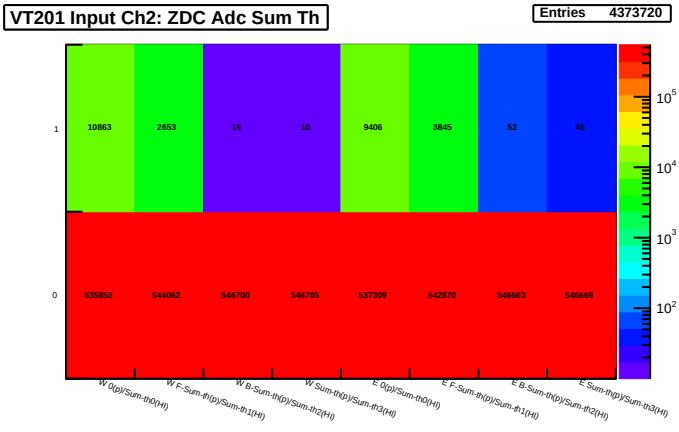

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

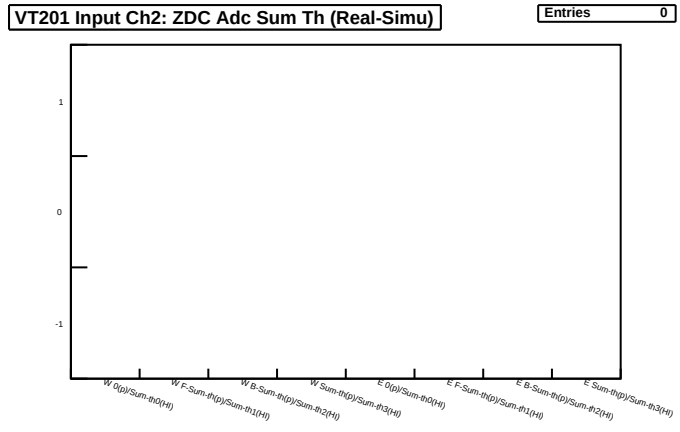

VT201 Input Ch1: EPD Hit Count Th
Entries 1093430
541005
539276
5710
7439
East
West

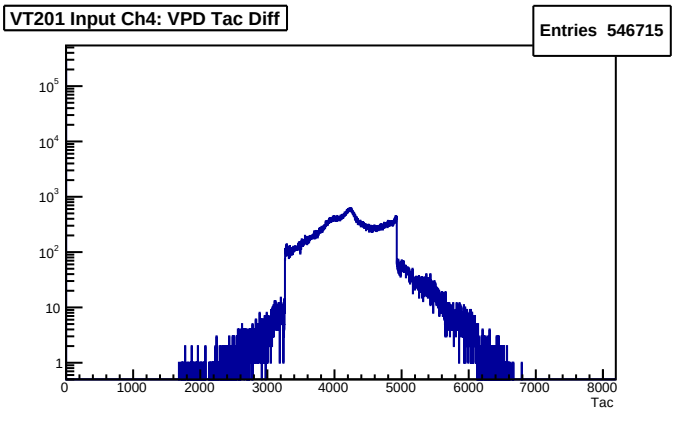

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

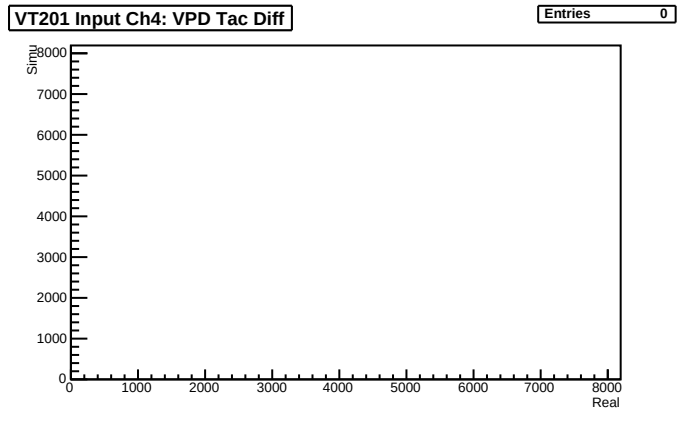

VT201 Input Ch2: ZDC Tac Diff
Entries 546715
Tac

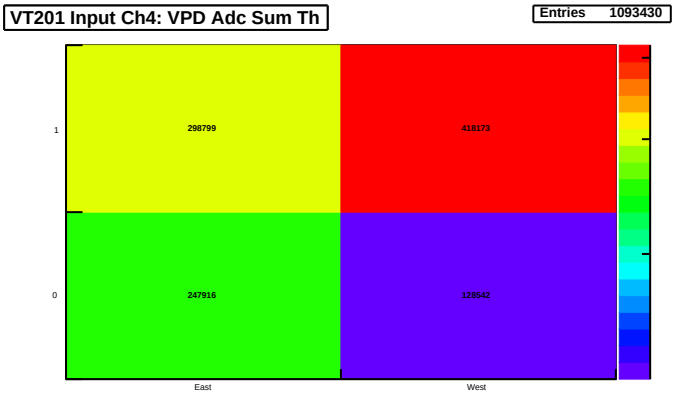

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

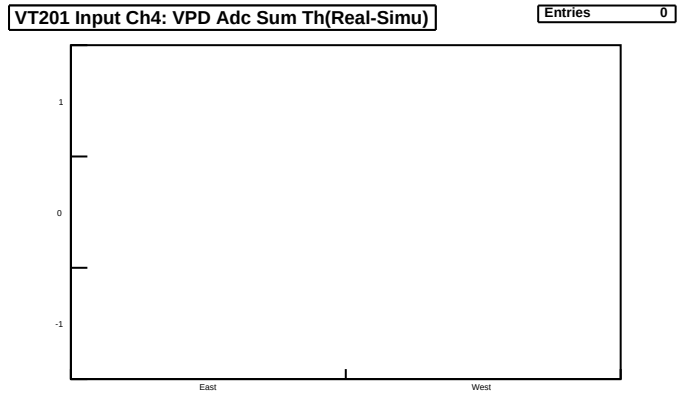

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4373720
10863
2653
15
10
9406
3845
52
46
535852
544062
546700
546705
537309
542870
546663
546669
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

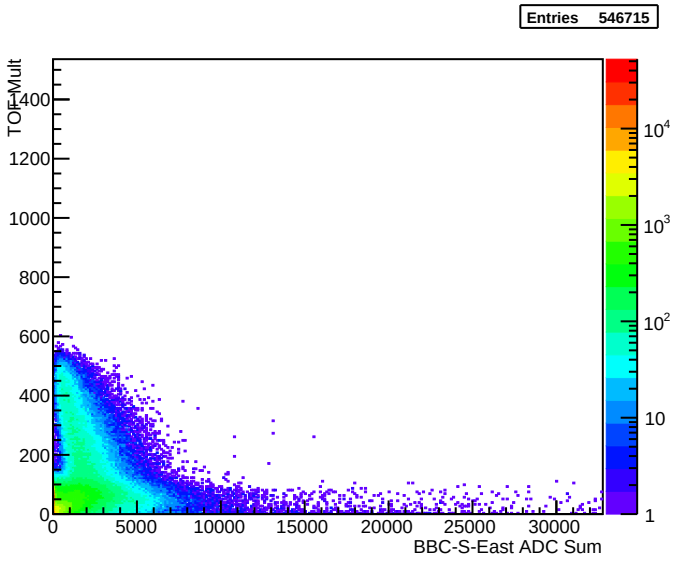

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

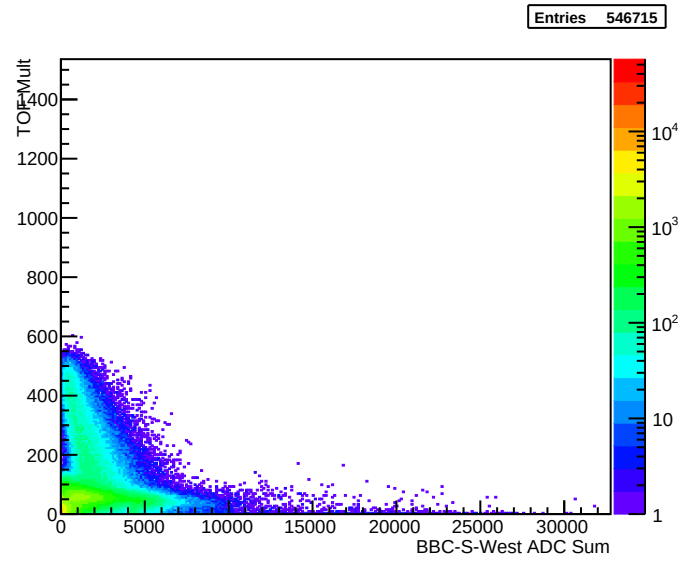

VT201 Input Ch4: VPD Tac Diff
Entries 546715
Tac

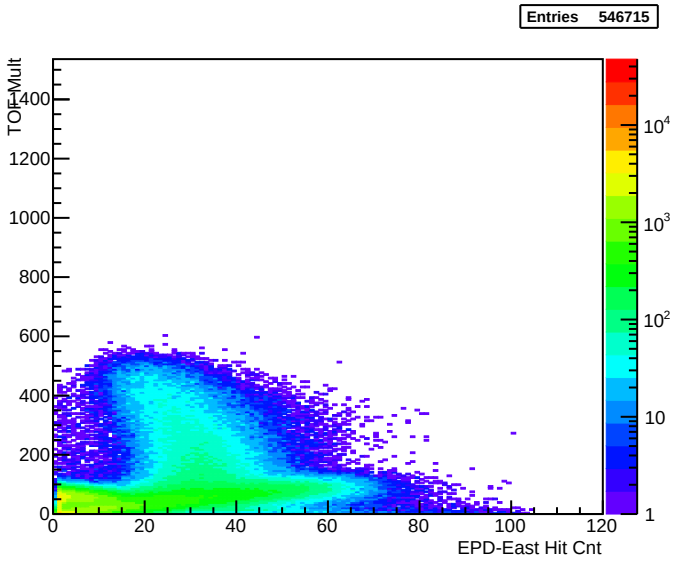

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

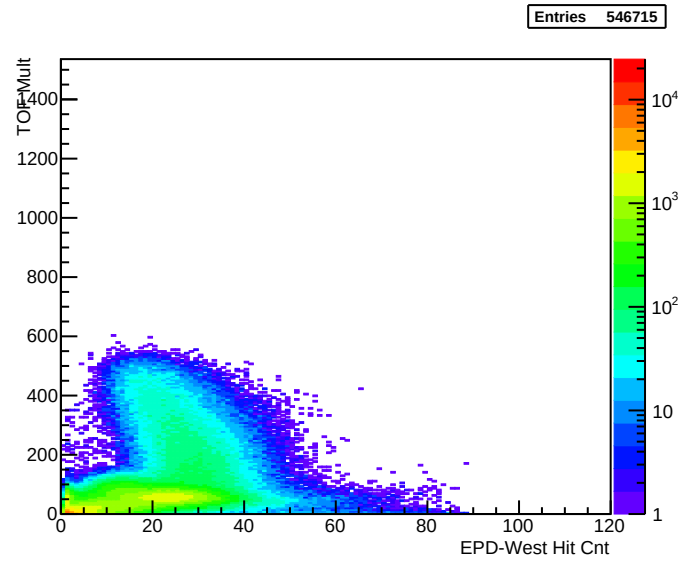

VT201 Input Ch4: VPD Adc Sum Th
Entries 1093430
298799
418173
247916
128542
East
West

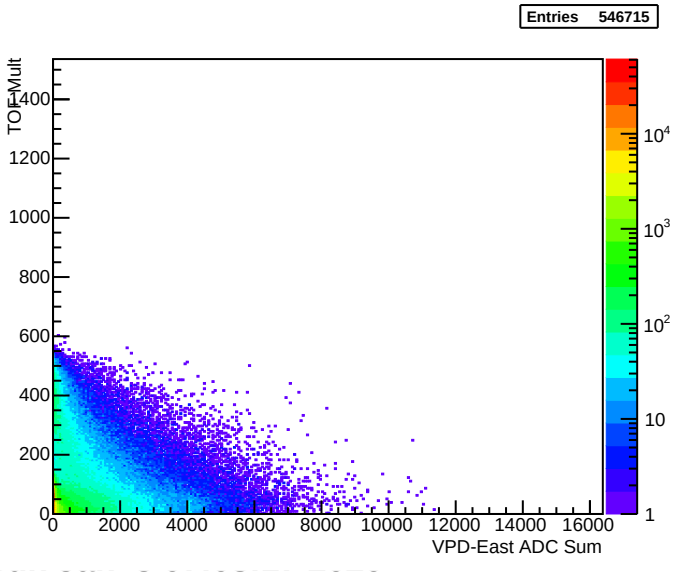

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

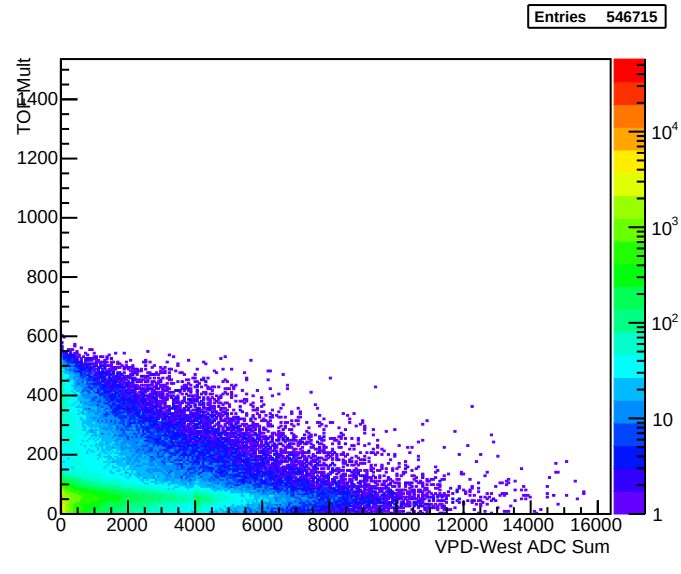

Entries 546715
TOF-Mult
BBC-S-East ADC Sum

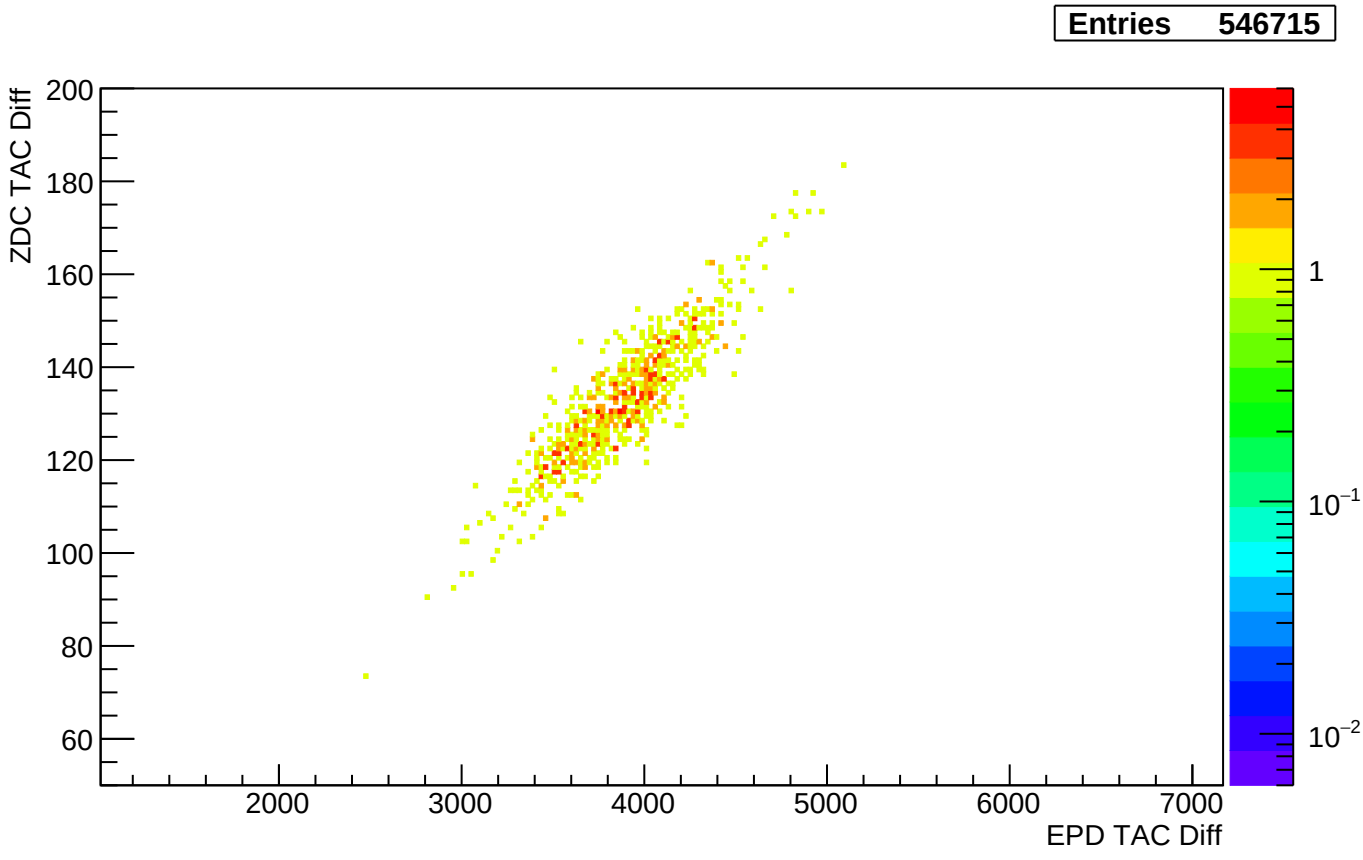

Entries 546715
TOF-Mult
BBC-S-West ADC Sum

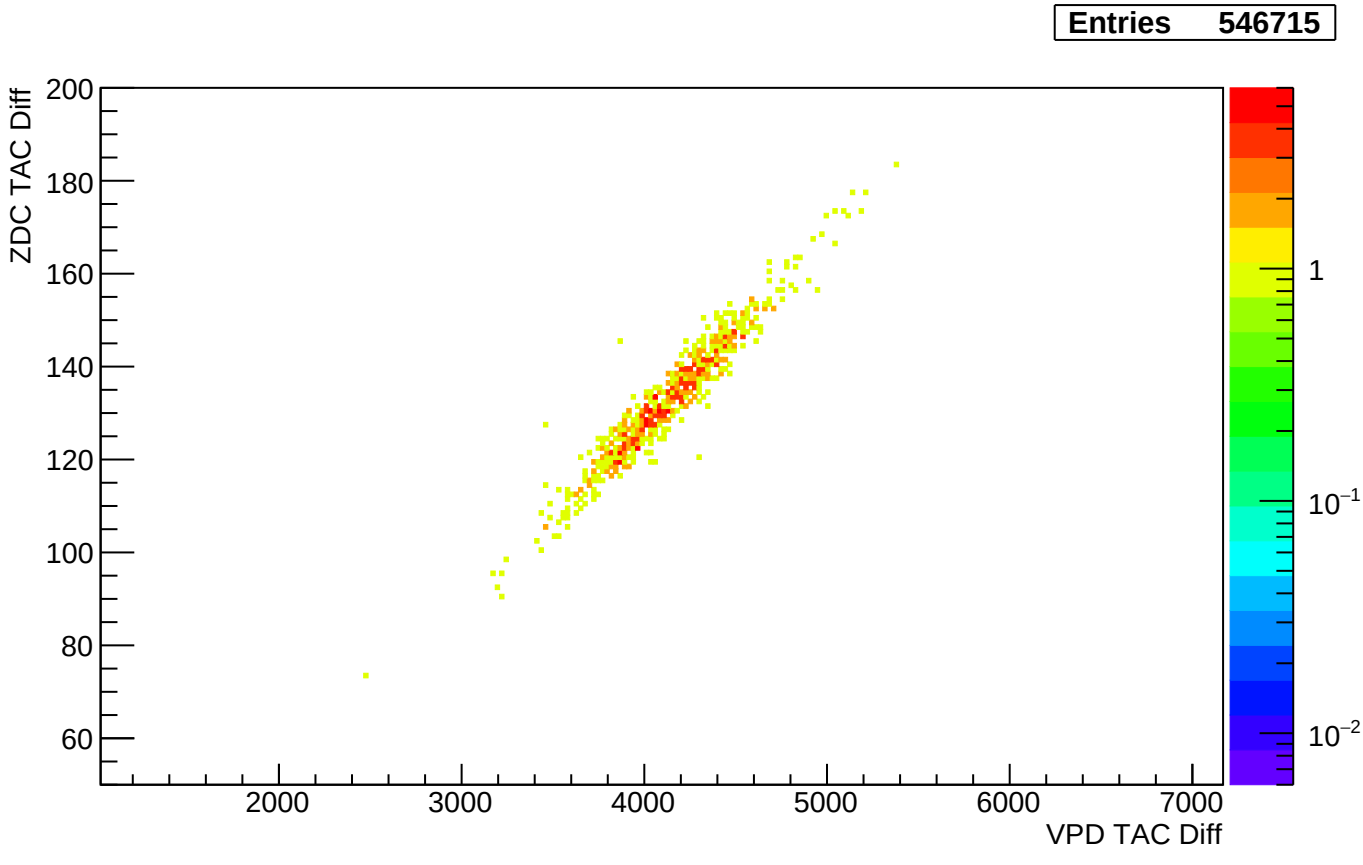

Entries 546715
TOF-Mult
EPD-East Hit Cnt

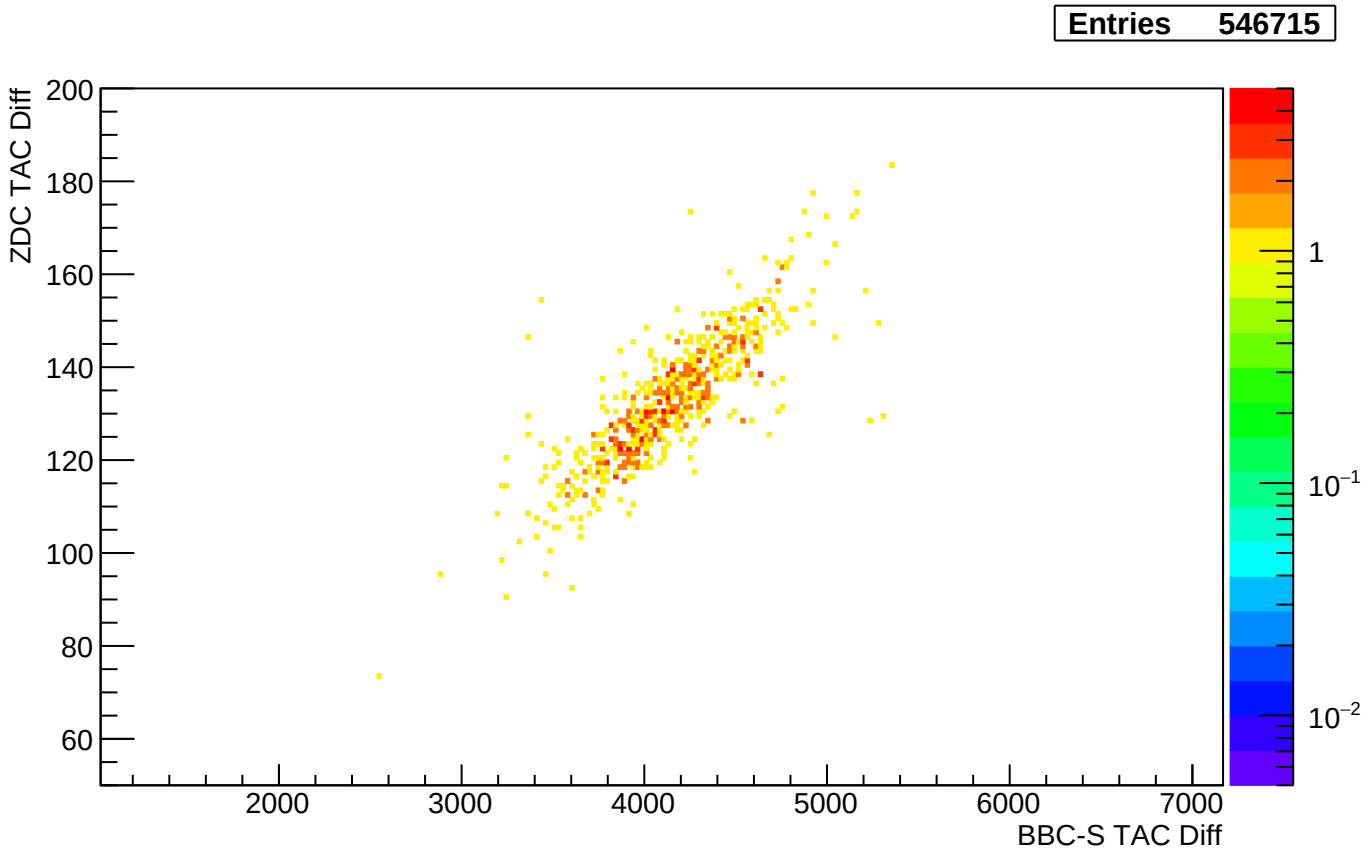

Entries 546715
TOF-Mult
EPD-West Hit Cnt

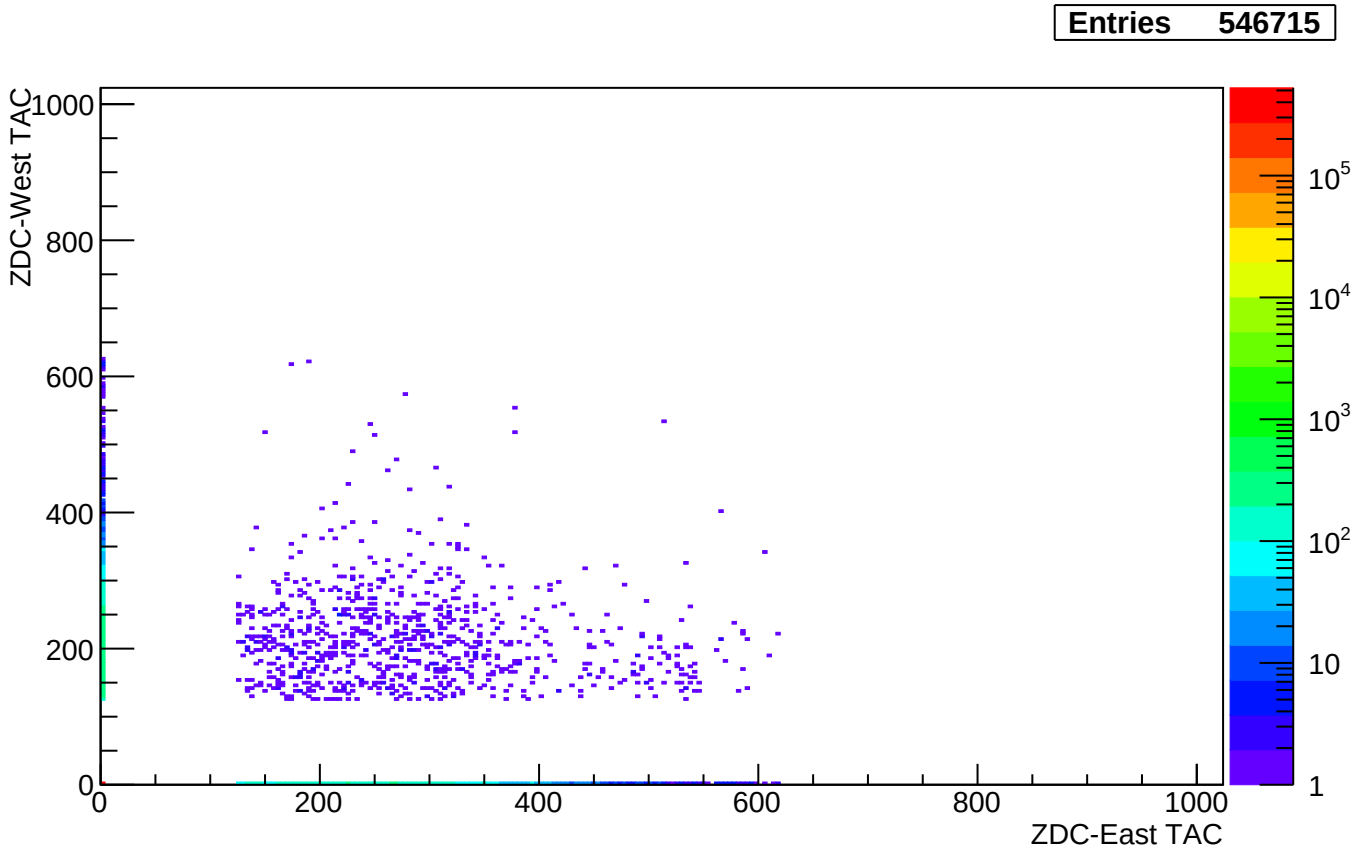

Entries 546715
TOF-Mult
VPD-East ADC Sum

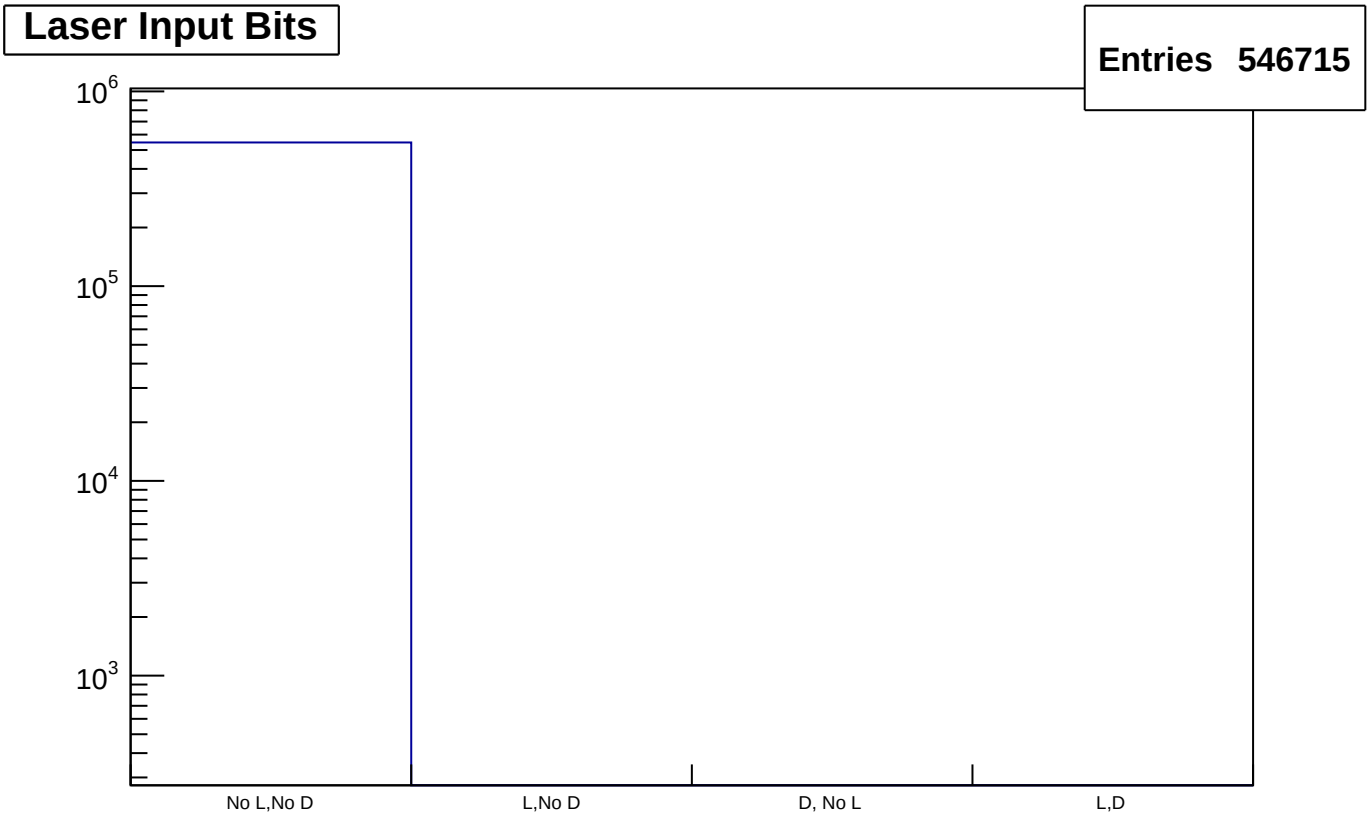

Entries 546715
TOF-Mult
VPD-West ADC Sum

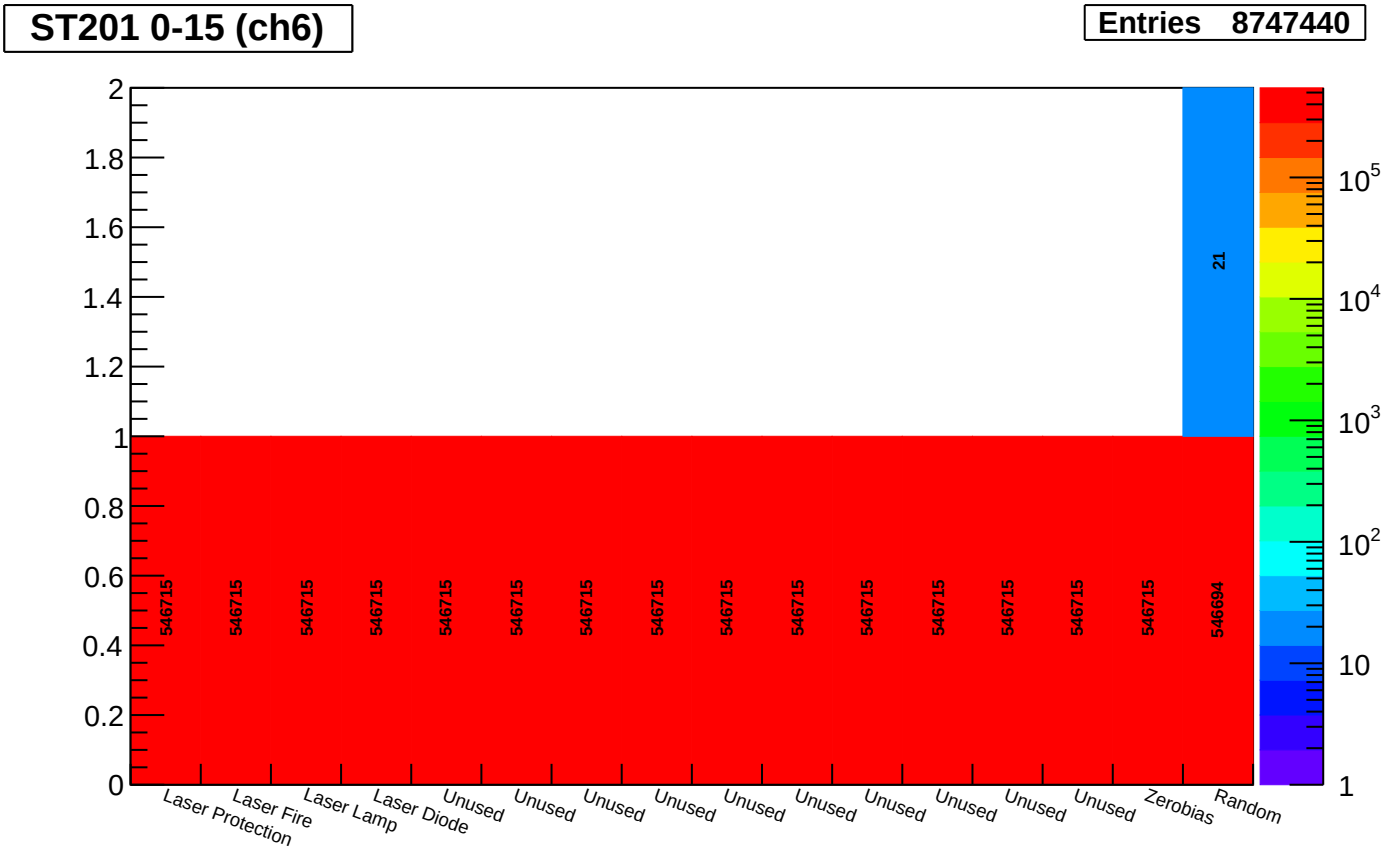

Entries 546715
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

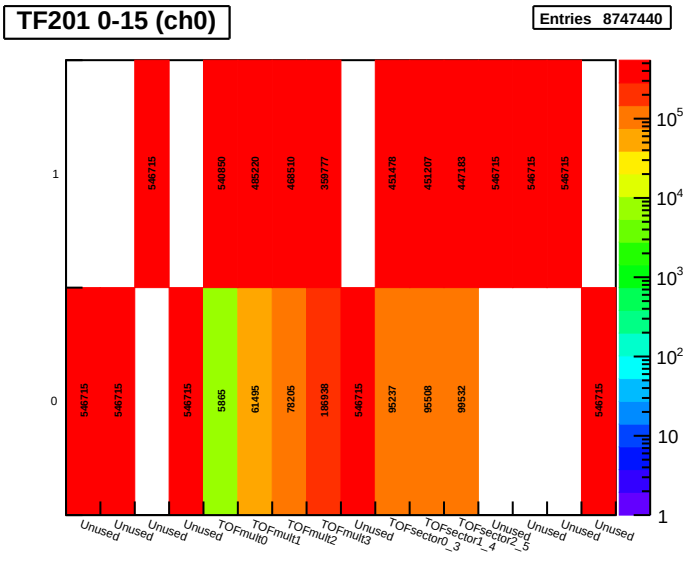

Entries 546715
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

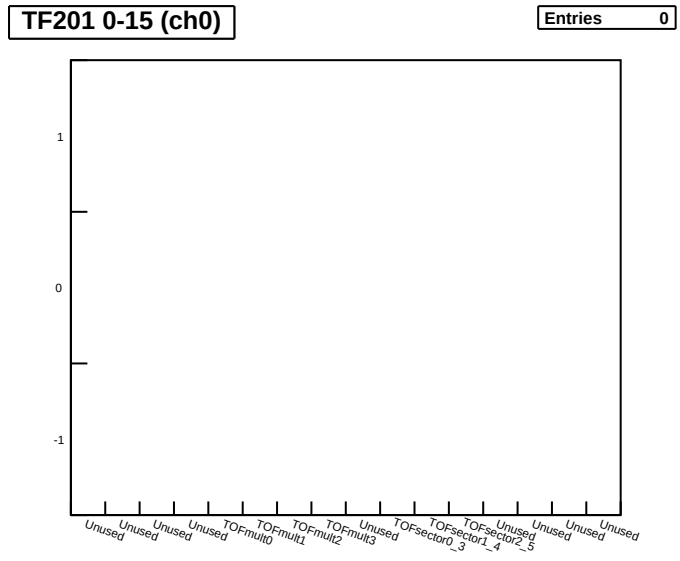

Entries 546715
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

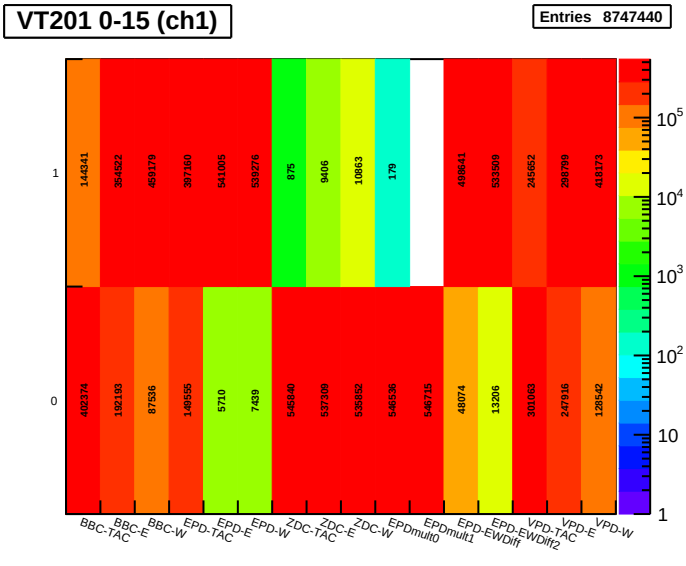

Entries 546715
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

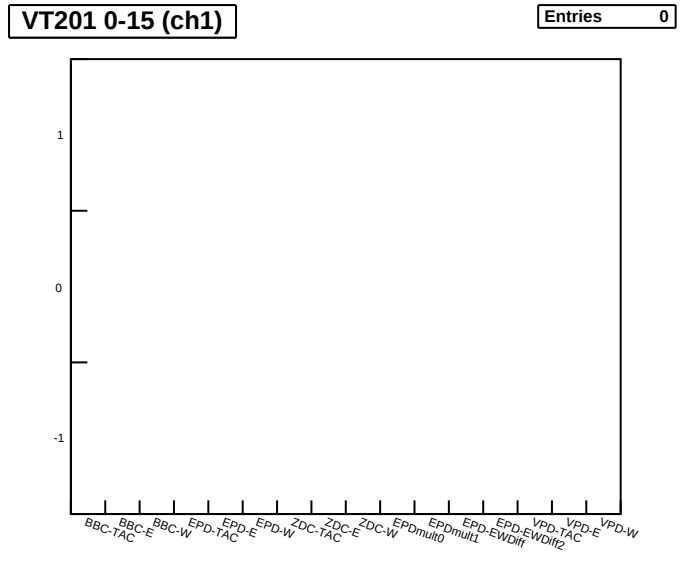

Laser Input Bits
Entries 546715
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

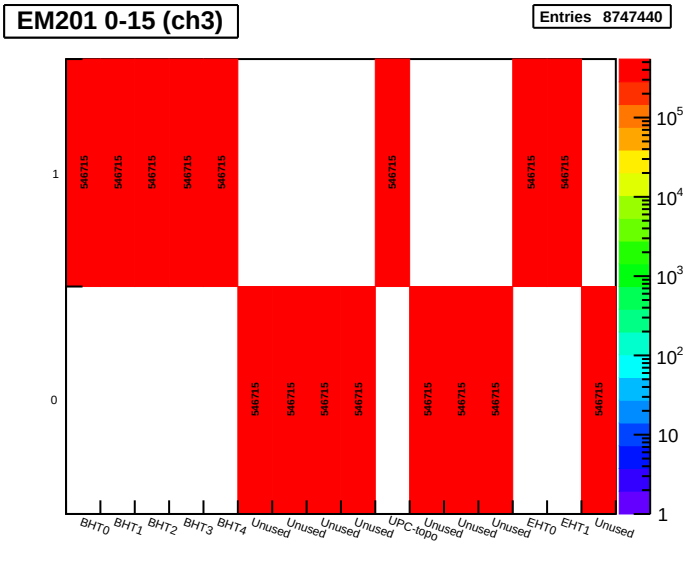

ST201 0-15 (ch6)
Entries 8747440
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
546715
546715
546715
546715
546715
546715
546715
546715
546715
546715
546715
546715
546715
546715
546715
546694
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

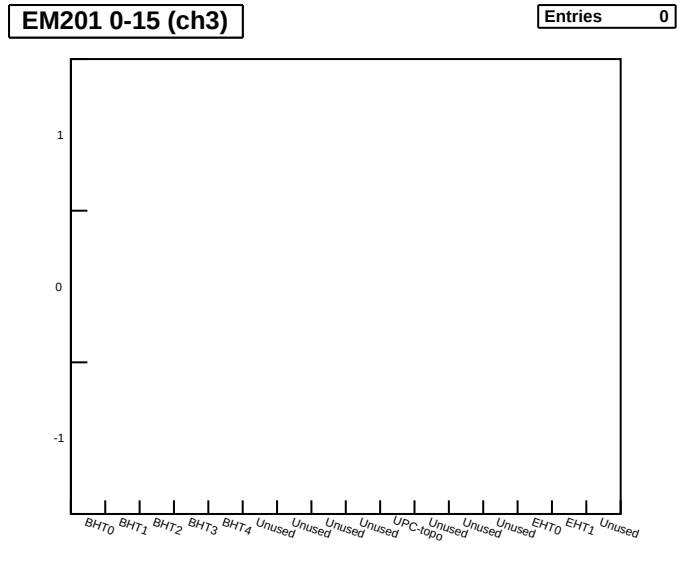

TF201 0-15 (ch0)
Entries 8747440
1
0
546715
540850
485220
468510
359777
451478
451207
447183
546715
546715
546715
546715
546715
546715
5865
61495
78205
186938
546715
95237
95508
99532
546715
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8747440
1
0
144341
354522
459179
397160
541005
539276
875
9406
10863
179
498641
533509
245652
298799
418173
402374
192193
87536
148555
5710
7439
546840
537309
535852
546536
546715
48074
13206
301063
247916
128542
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 8747440
1
0
546715
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1