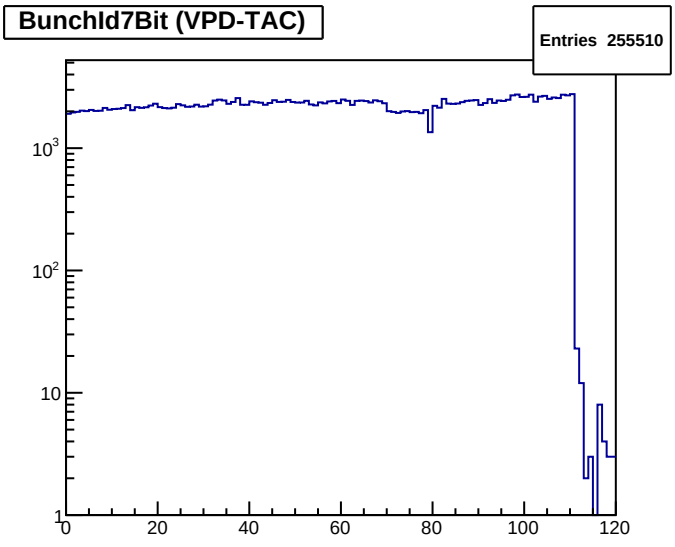
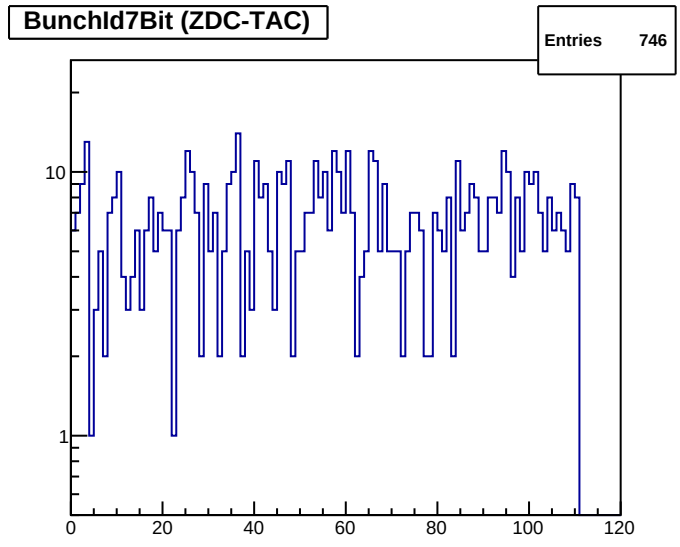
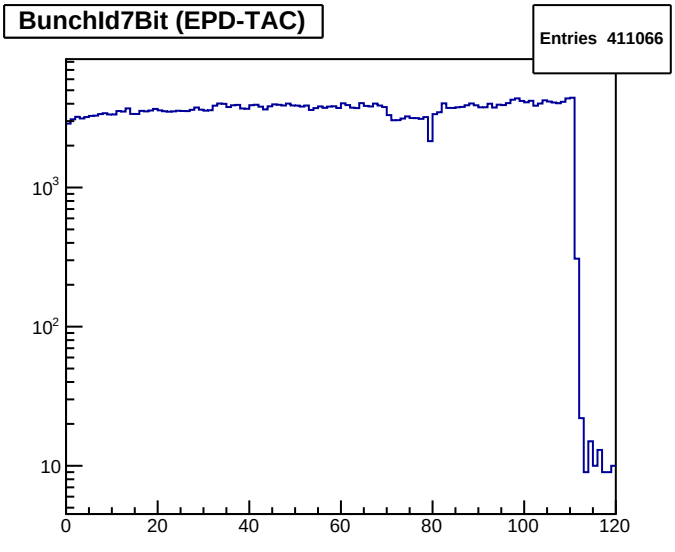
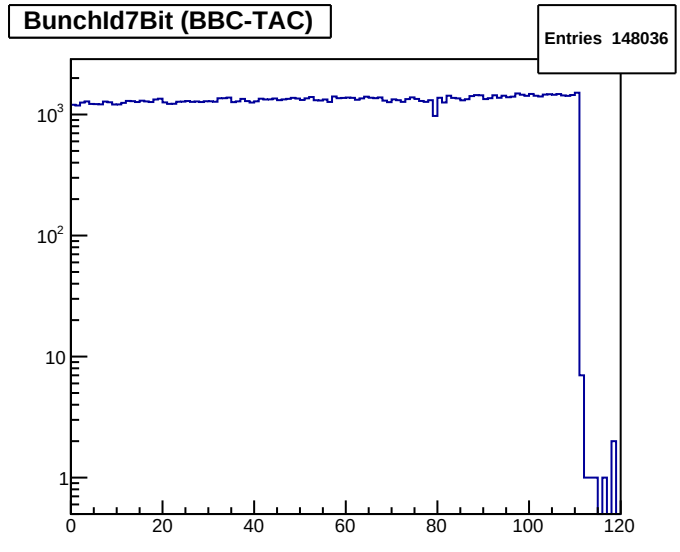
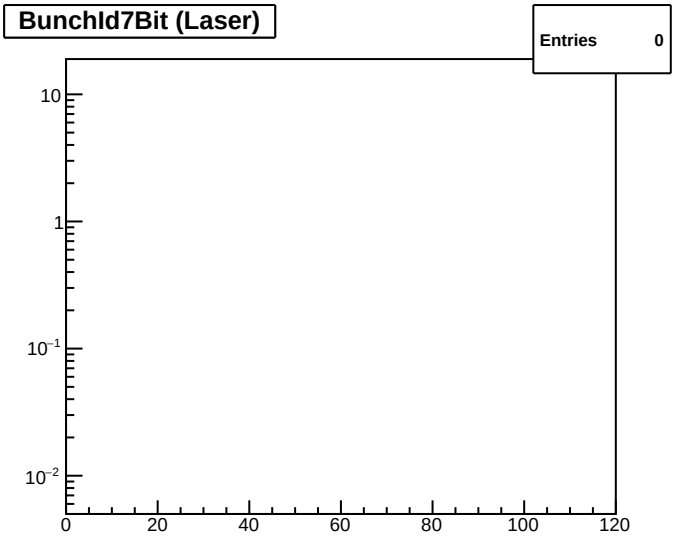
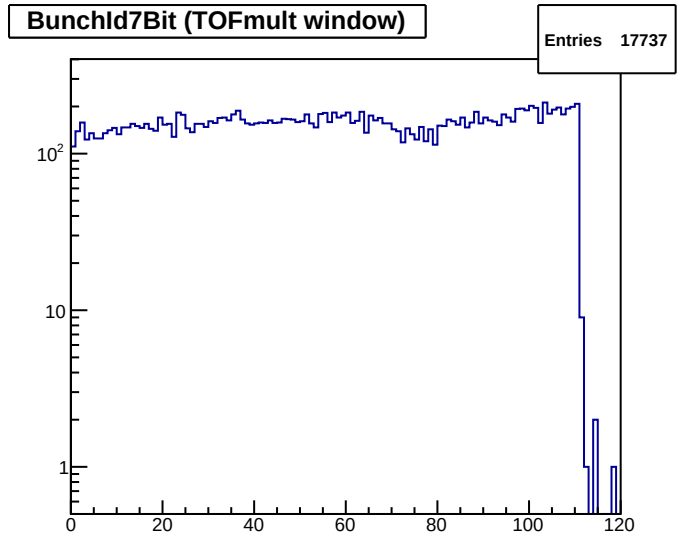

BunchId7Bit (VPD-TAC)
Entries 255510

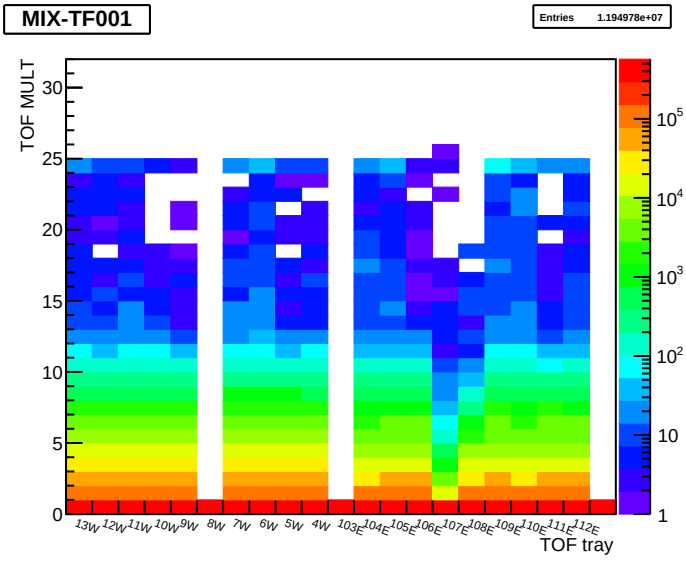

BunchId7Bit (ZDC-TAC)
Entries 746

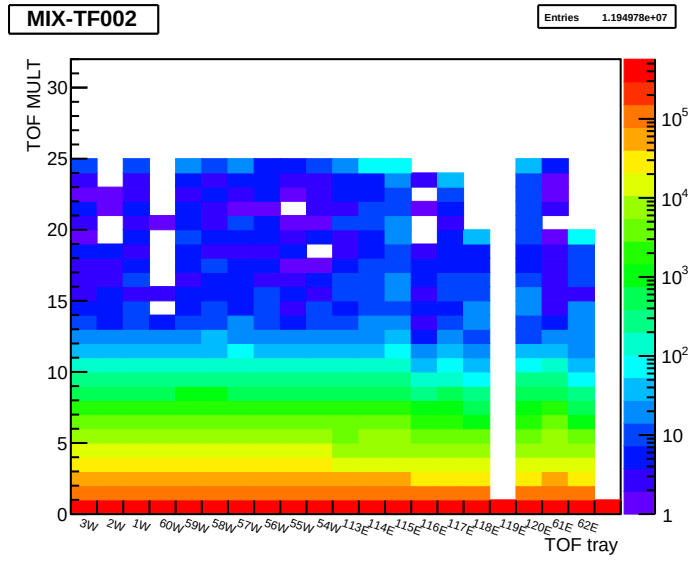

BunchId7Bit (EPD-TAC)
Entries 411066

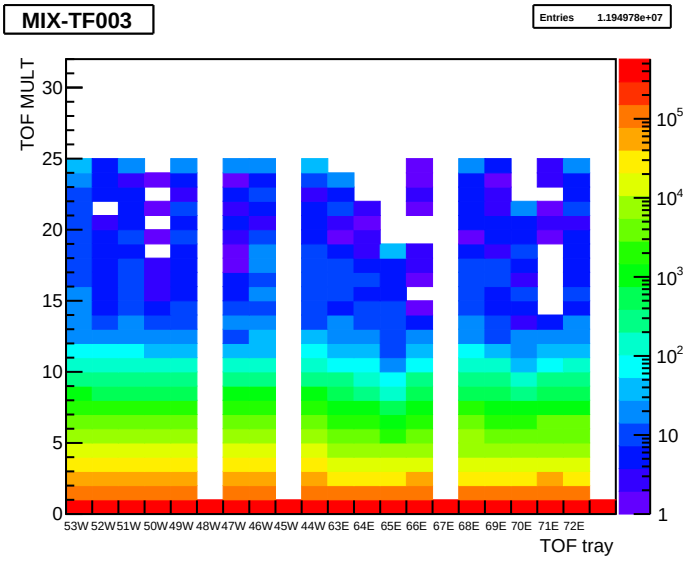

BunchId7Bit (BBC-TAC)
Entries 148036

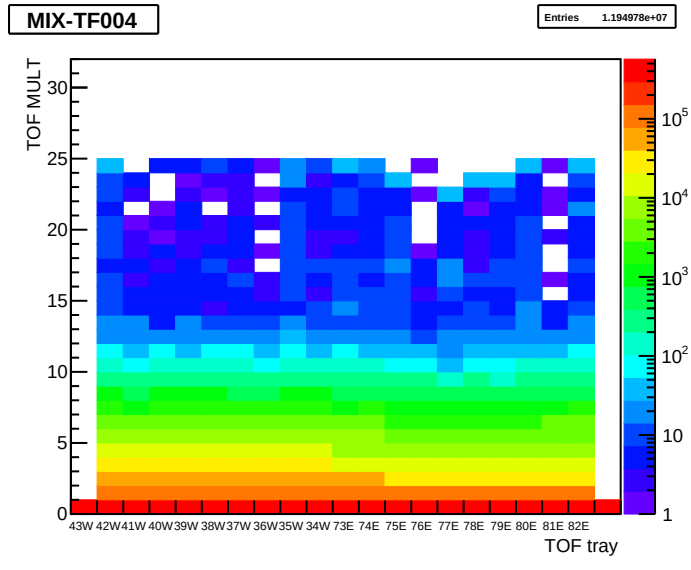

BunchId7Bit (Laser)
Entries 0

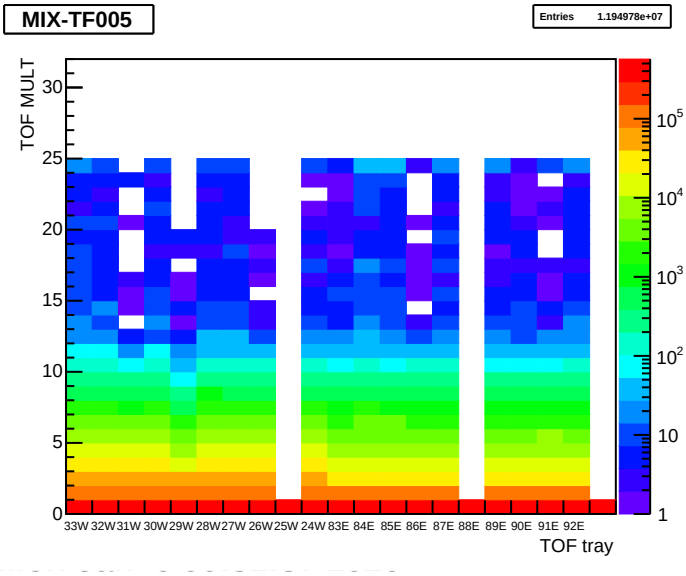

BunchId7Bit (TOFmult window)
Entries 17737

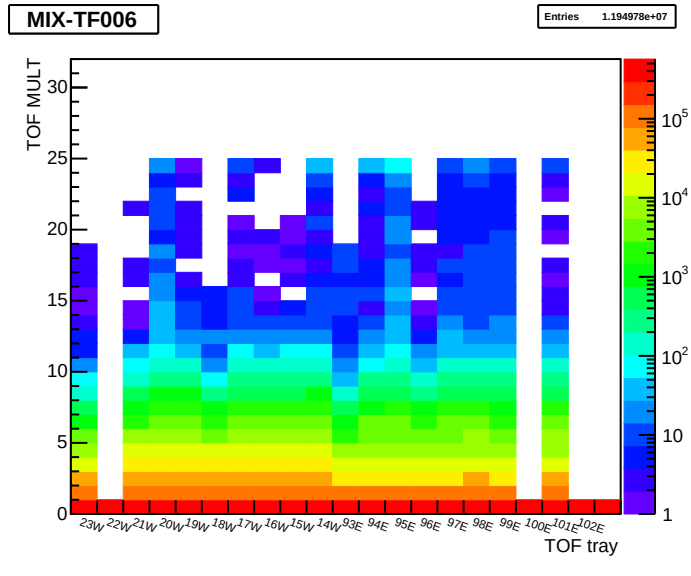

MIX-TF001
Entries 1.194978e+07
TOF MULT
TOF tray

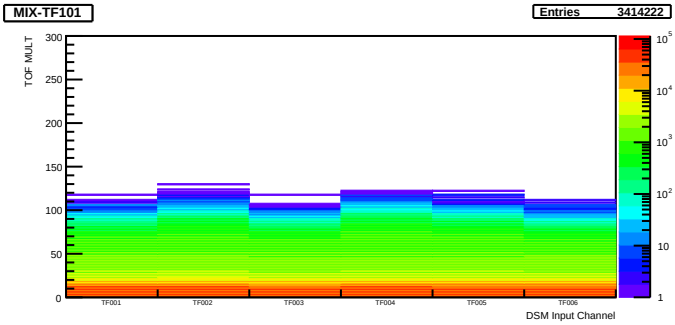

MIX-TF002
Entries 1.194978e+07
TOF MULT
TOF tray

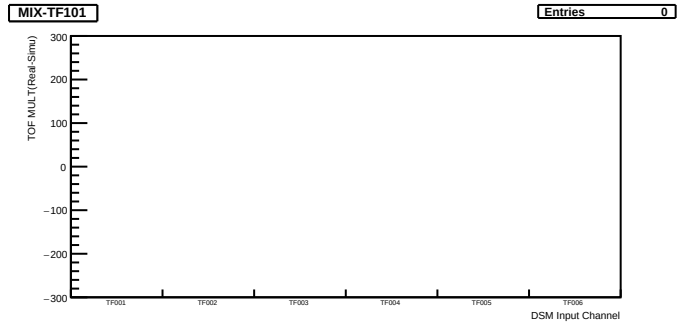

MIX-TF003
Entries 1.194978e+07
TOF MULT
TOF tray

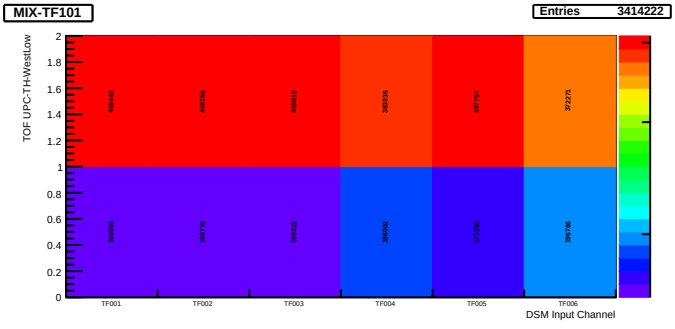

MIX-TF004
Entries 1.194978e+07
TOF MULT
TOF tray

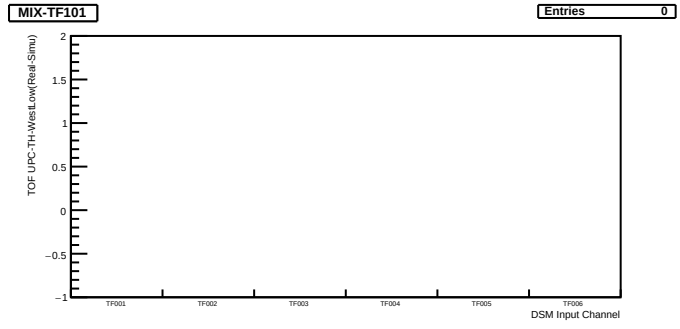

MIX-TF005
Entries 1.194978e+07
TOF MULT
TOF tray

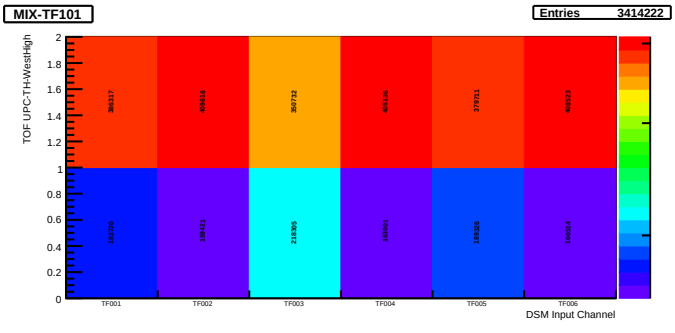

MIX-TF006
Entries 1.194978e+07
TOF MULT
TOF tray

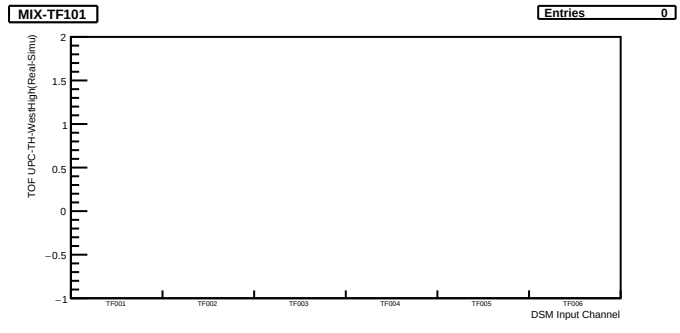

MIX-TF101
Entries 3414222
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

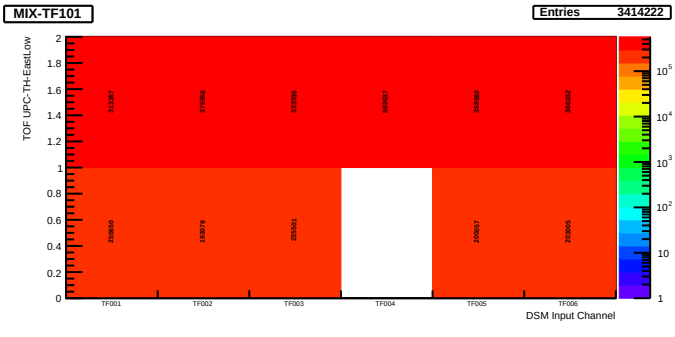

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

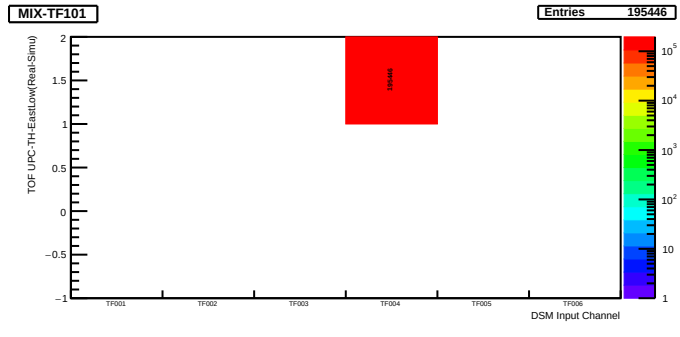

MIX-TF101
Entries 3414222
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

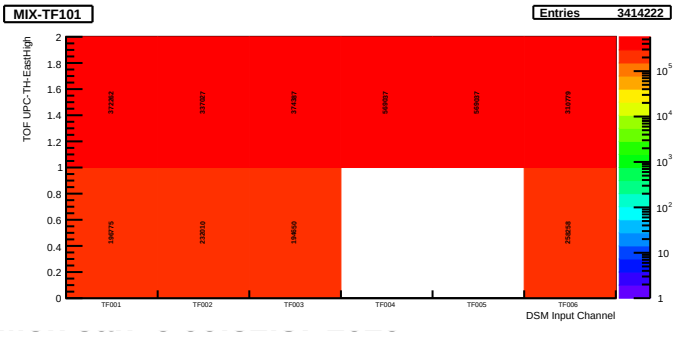

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

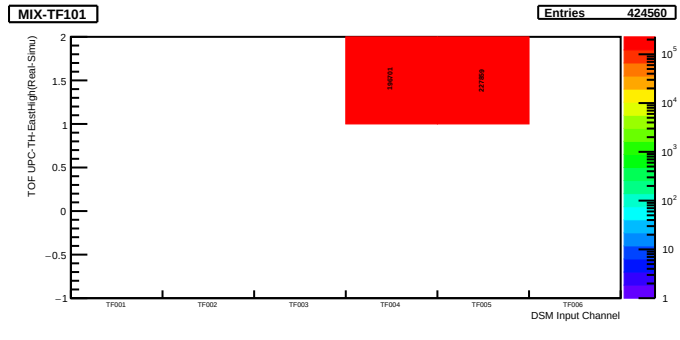

MIX-TF101
Entries 3414222
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

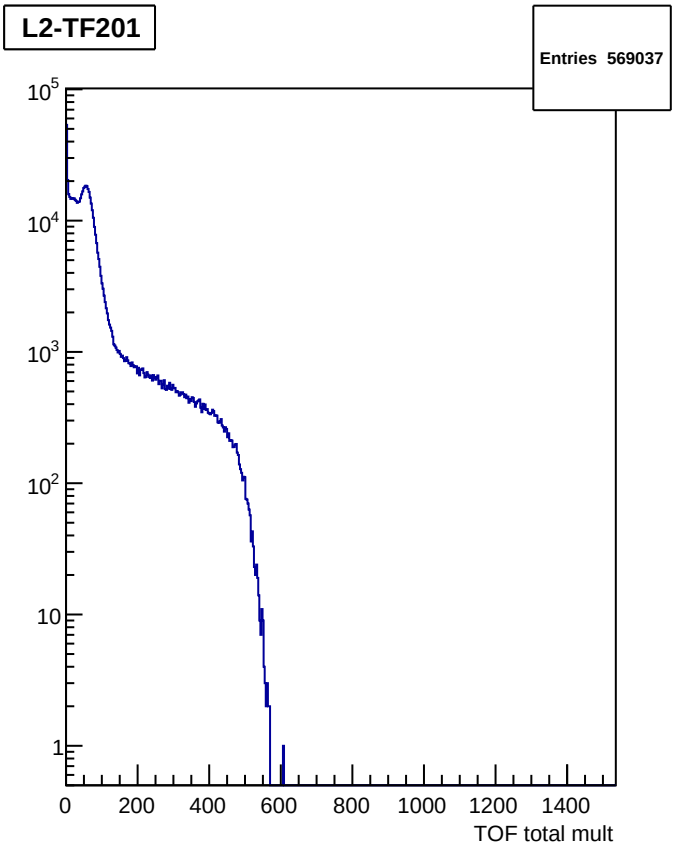

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

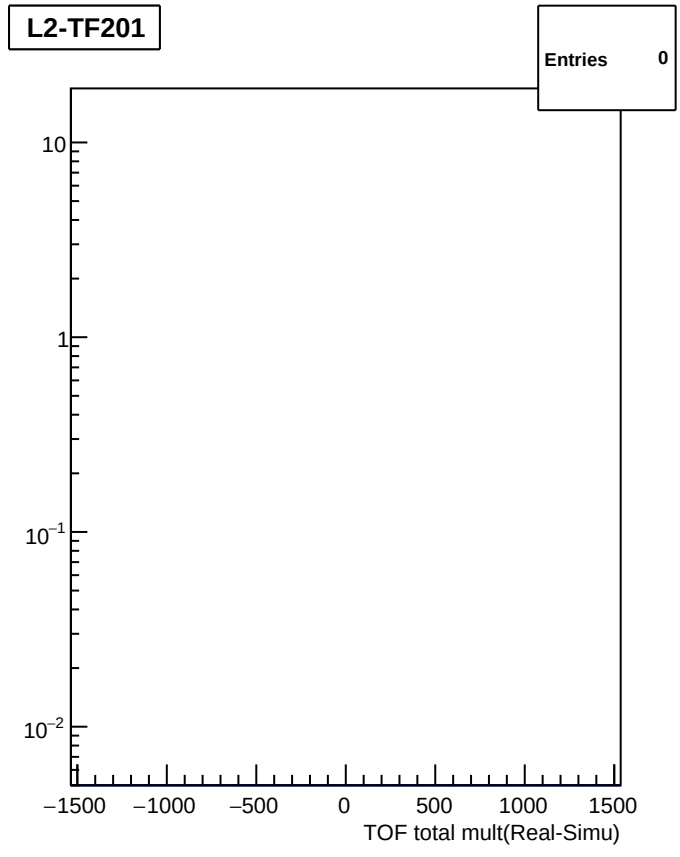

MIX-TF101
Entries 3414222
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

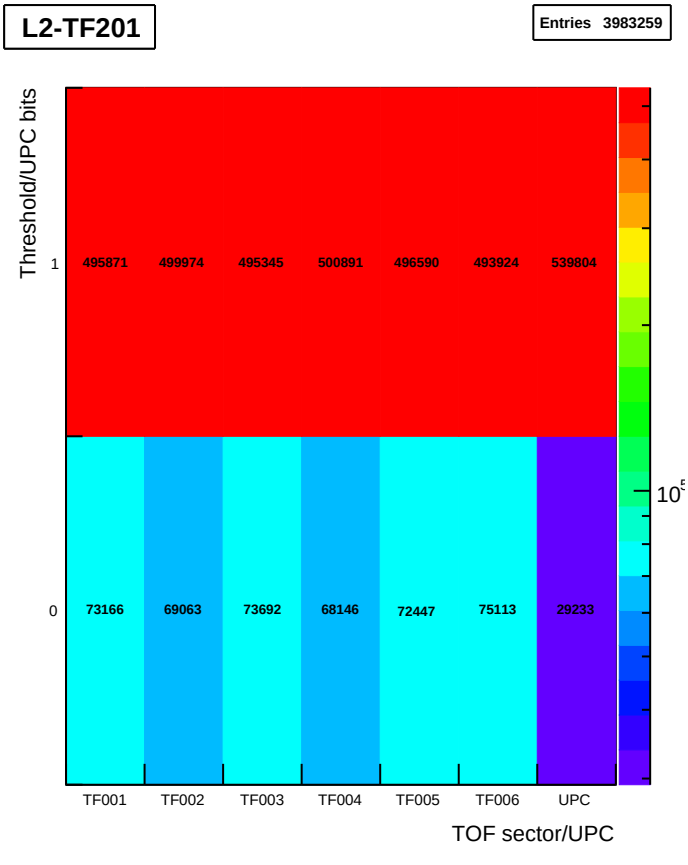

MIX-TF101
Entries 195446
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

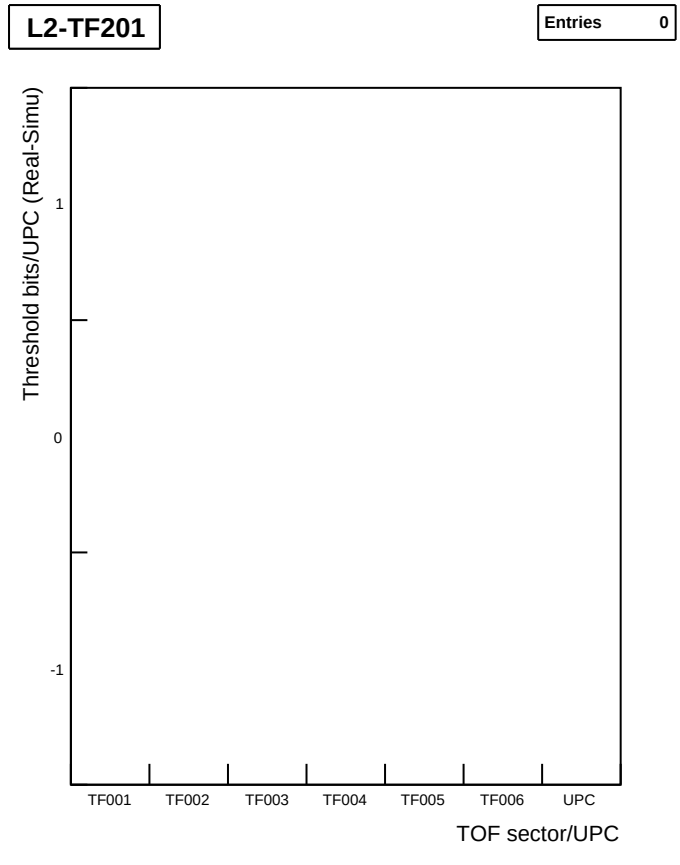

MIX-TF101
Entries 3414222
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

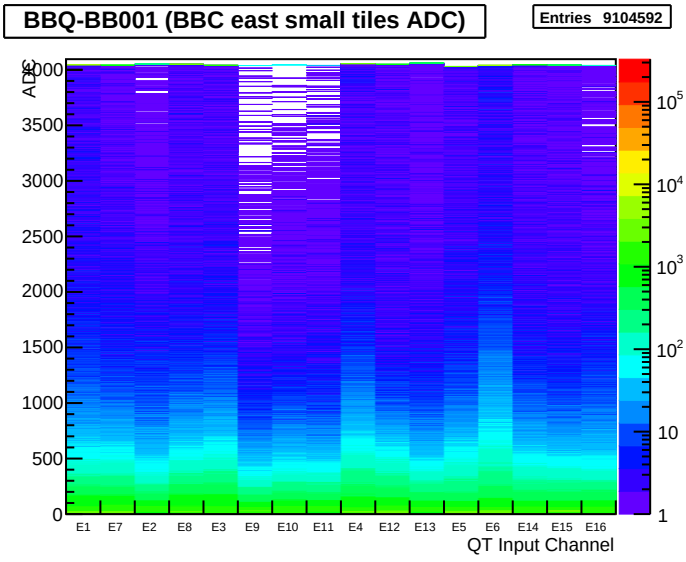

MIX-TF101
Entries 424560
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

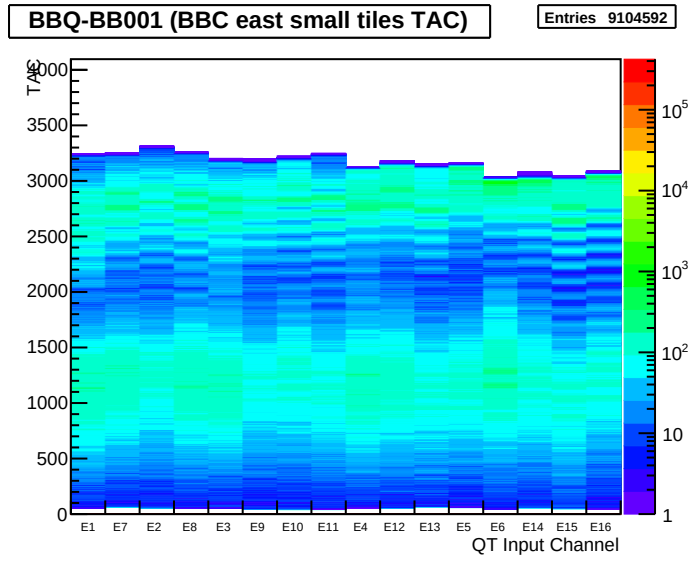

L2-TF201
Entries 569037
TOF total mult

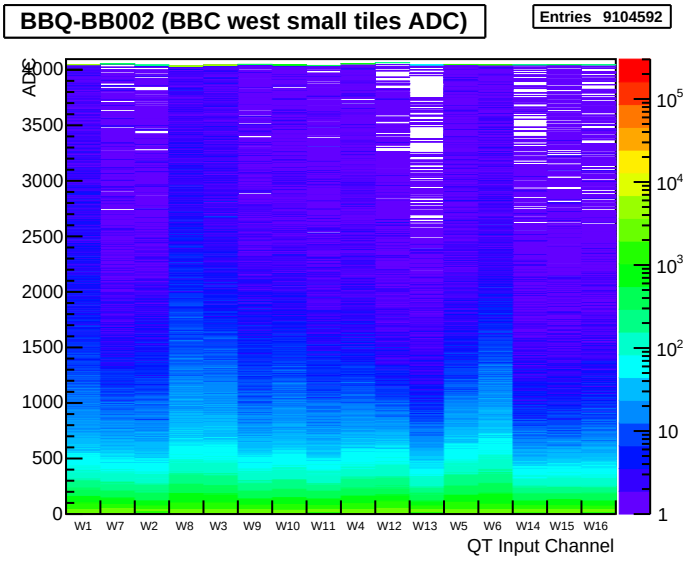

L2-TF201
Entries 0
TOF total mult(Real-Simu)

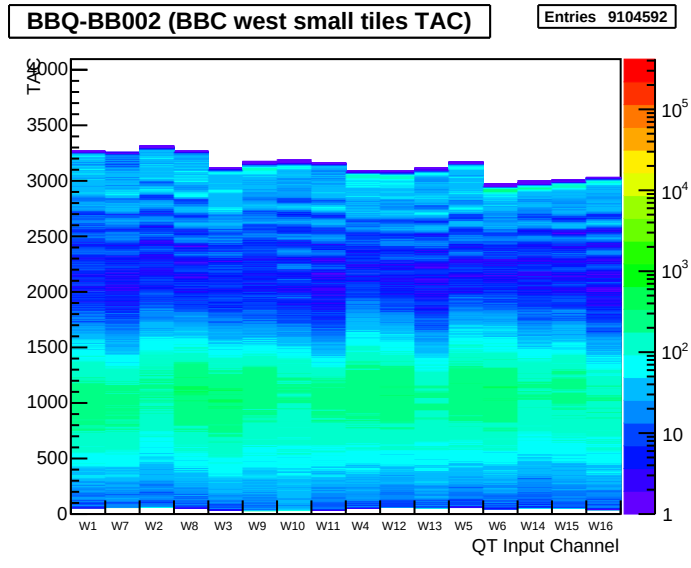

L2-TF201
Entries 3983259
Threshold/UPC bits
495871
499974
495345
500891
496590
493924
539804
73166
69063
73692
68146
72447
75113
29233
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

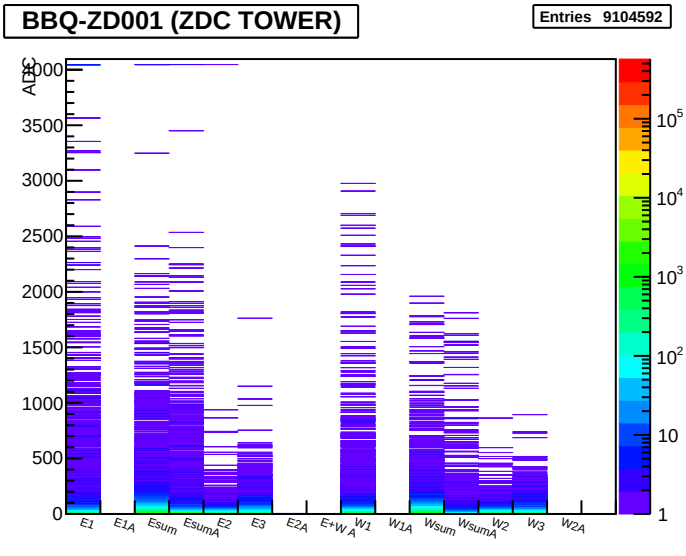

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

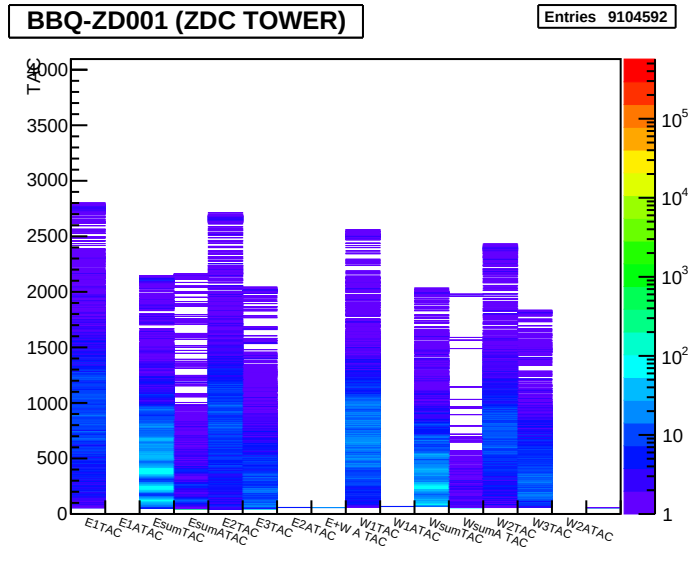

BBQ-BB001 (BBC east small tiles ADC)
Entries 9104592
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

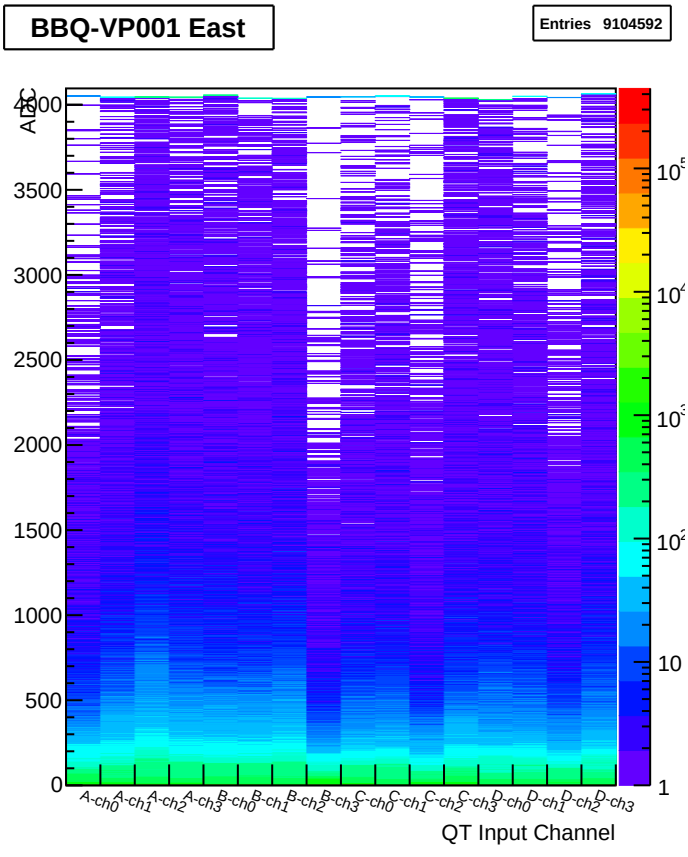

BBQ-BB001 (BBC east small tiles TAC)
Entries 9104592
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

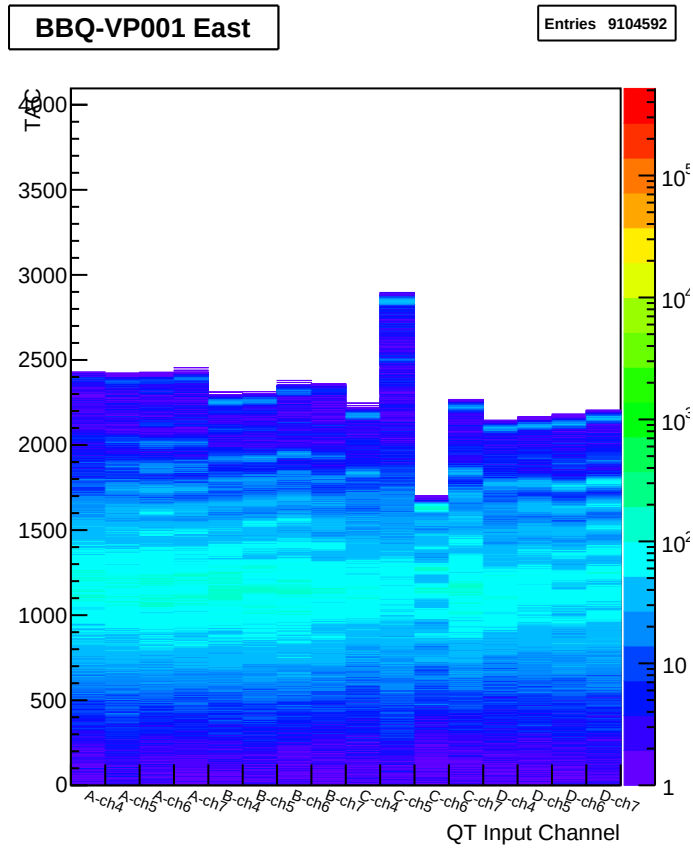

BBQ-BB002 (BBC west small tiles ADC)
Entries 9104592
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

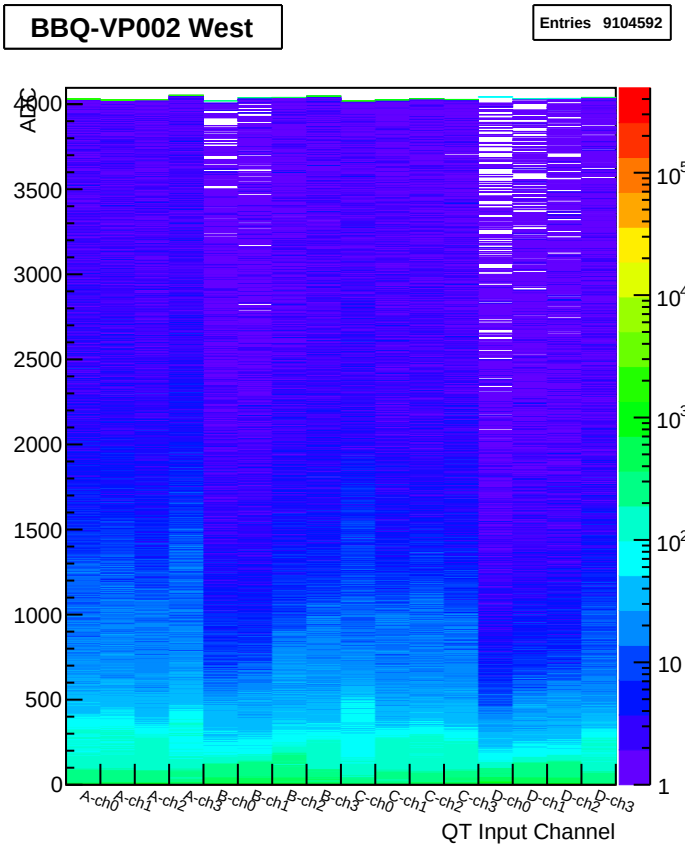

BBQ-BB002 (BBC west small tiles TAC)
Entries 9104592
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

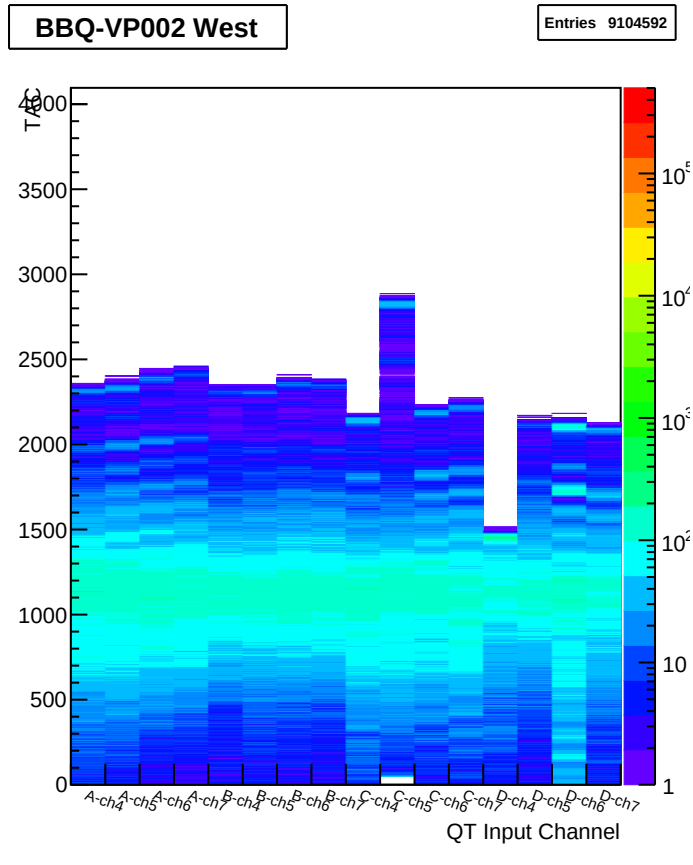

BBQ-ZD001 (ZDC TOWER)
Entries 9104592
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

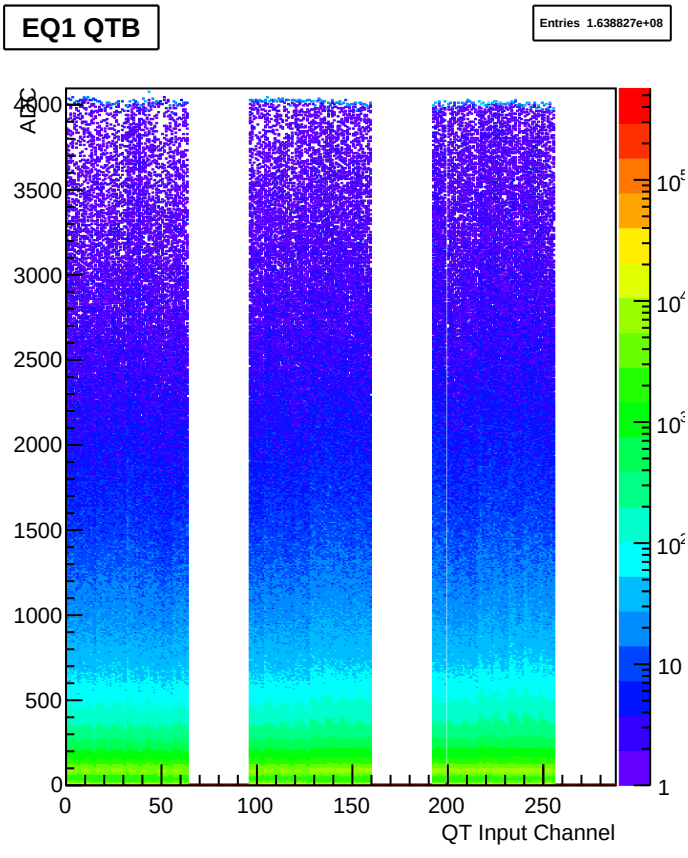

BBQ-ZD001 (ZDC TOWER)
Entries 9104592
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

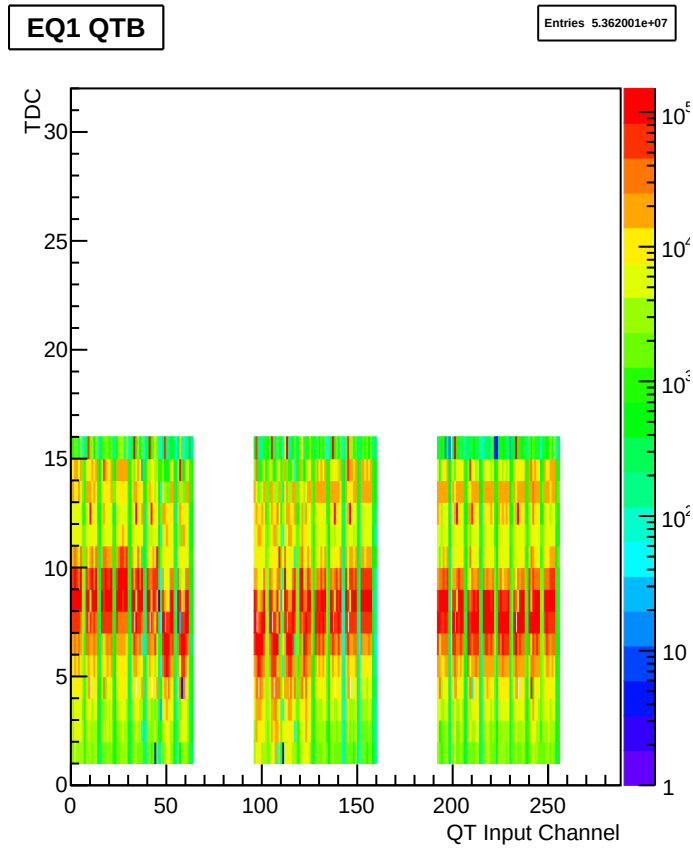

BBQ-VP001 East
Entries 9104592
ADC
QT Input Channel

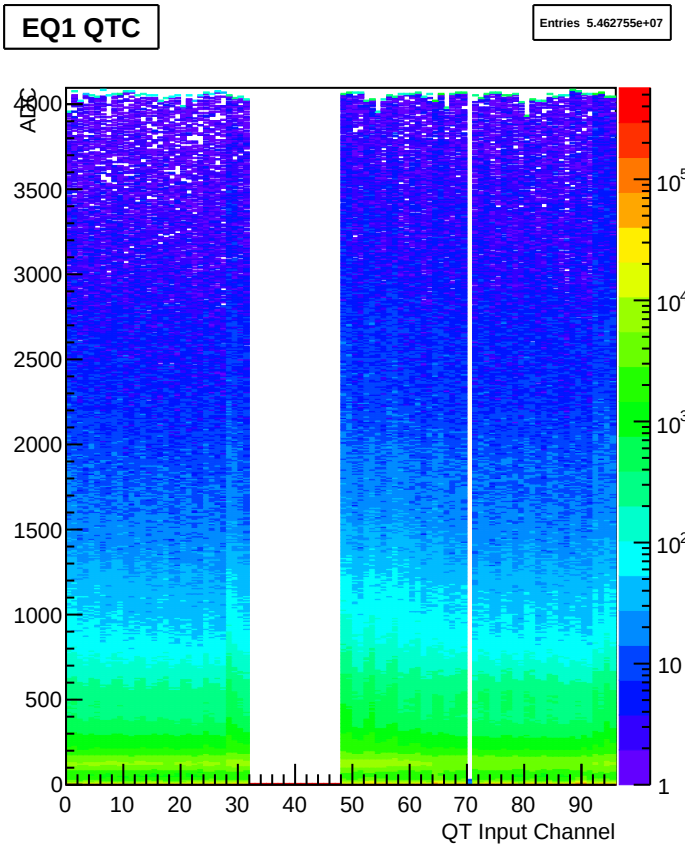

BBQ-VP001 East
Entries 9104592
TADC
QT Input Channel

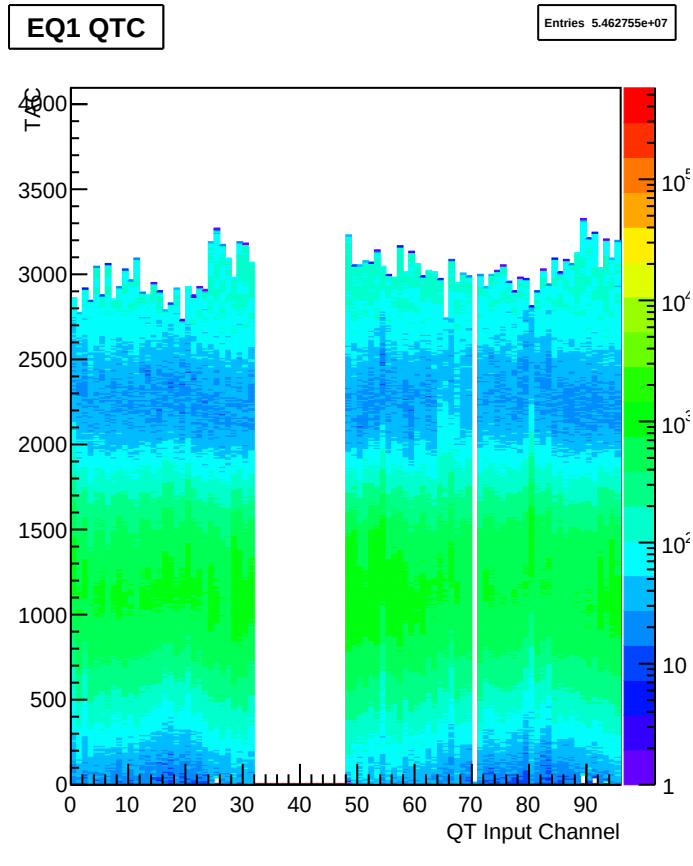

BBQ-VP002 West
Entries 9104592
ADC
QT Input Channel

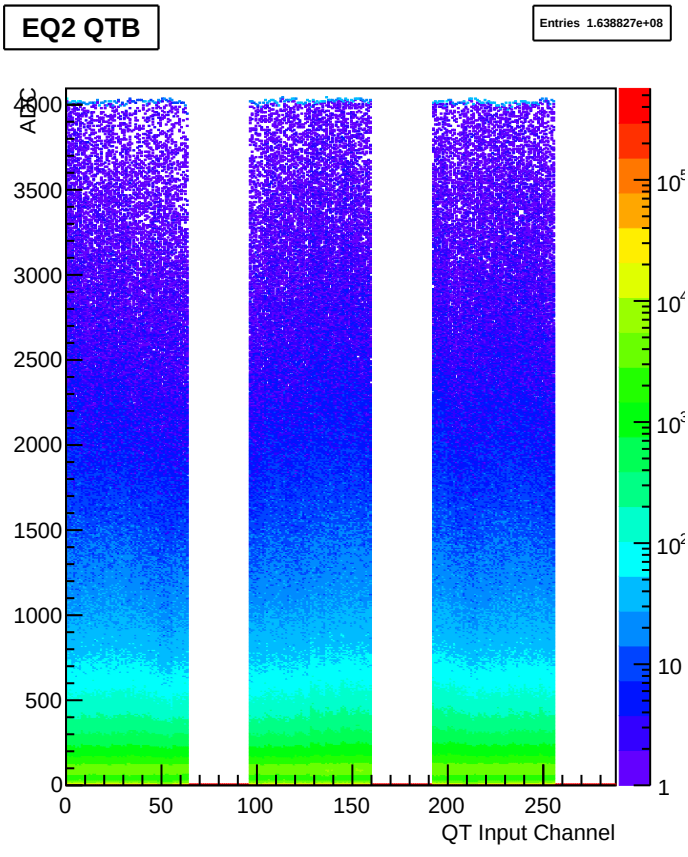

BBQ-VP002 West
Entries 9104592
TADC
QT Input Channel

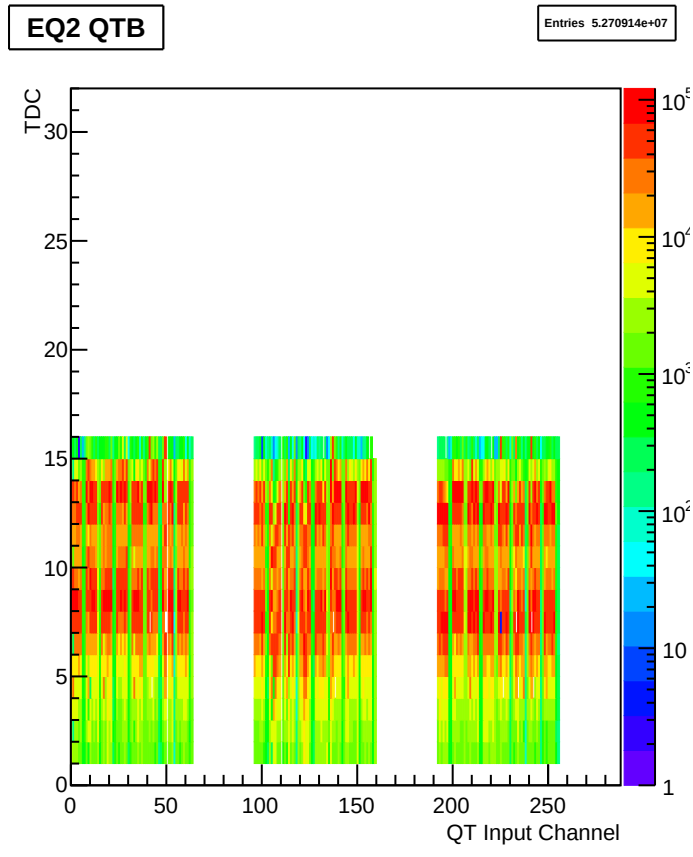

EQ1 QTB
Entries 1.638827e+08
ADC
QT Input Channel

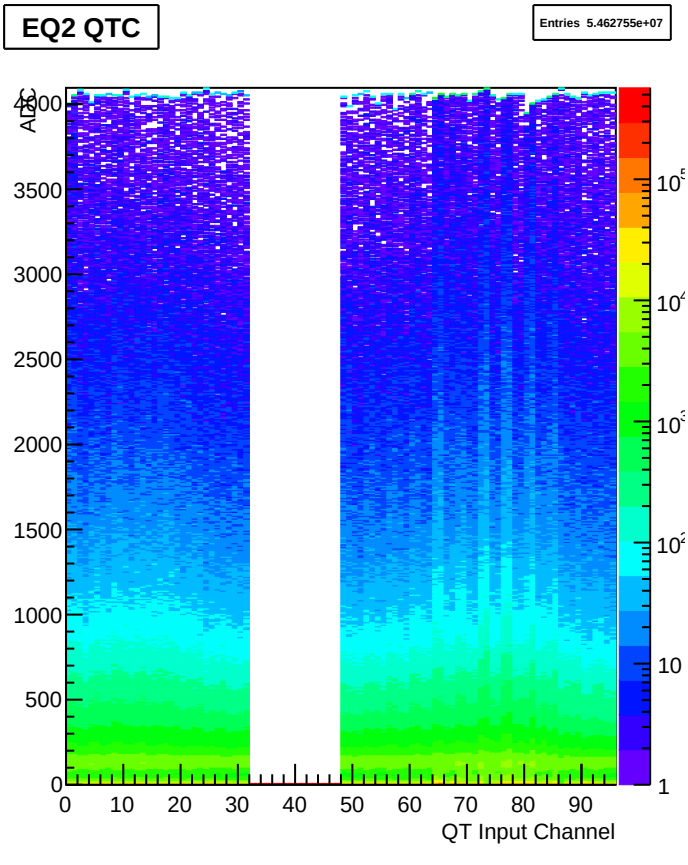

EQ1 QTB
Entries 5.362001e+07
TDC
QT Input Channel

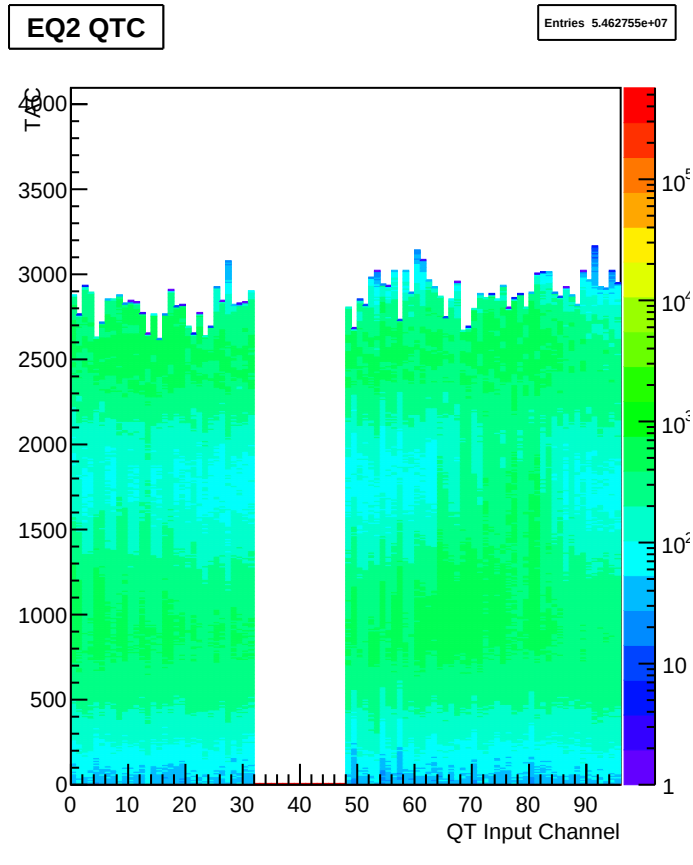

EQ1 QTC
Entries 5.462755e+07
ADC
QT Input Channel

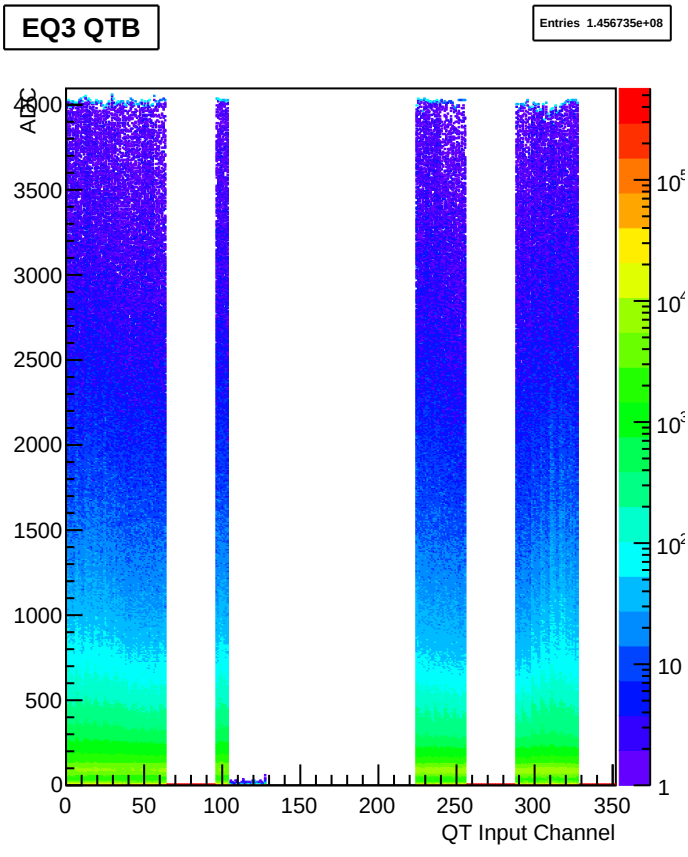

EQ1 QTC
Entries 5.462755e+07
TADC
QT Input Channel

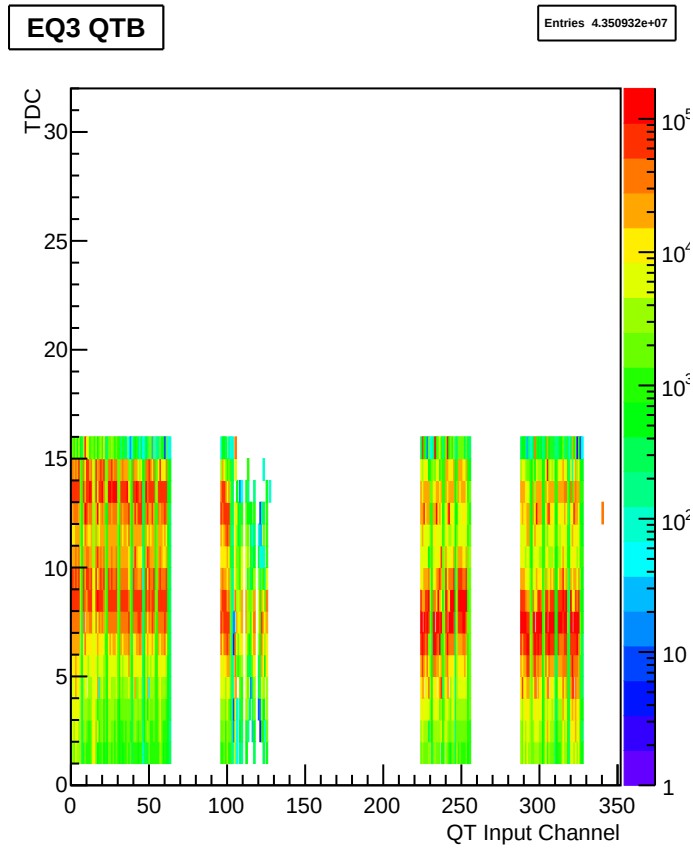

EQ2 QTB
Entries 1.638827e+08
ADC
QT Input Channel

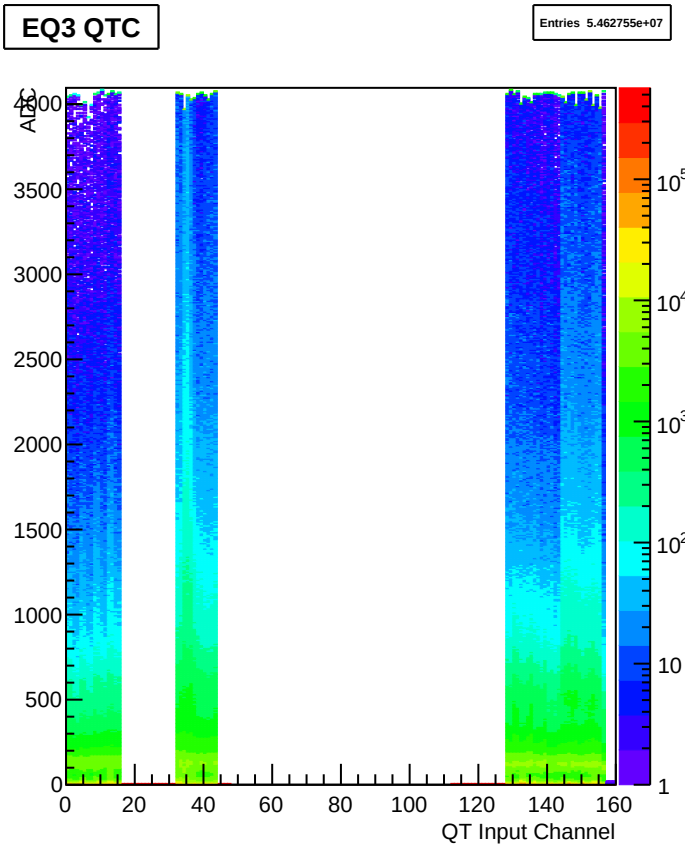

EQ2 QTB
Entries 5.270914e+07
TDC
QT Input Channel

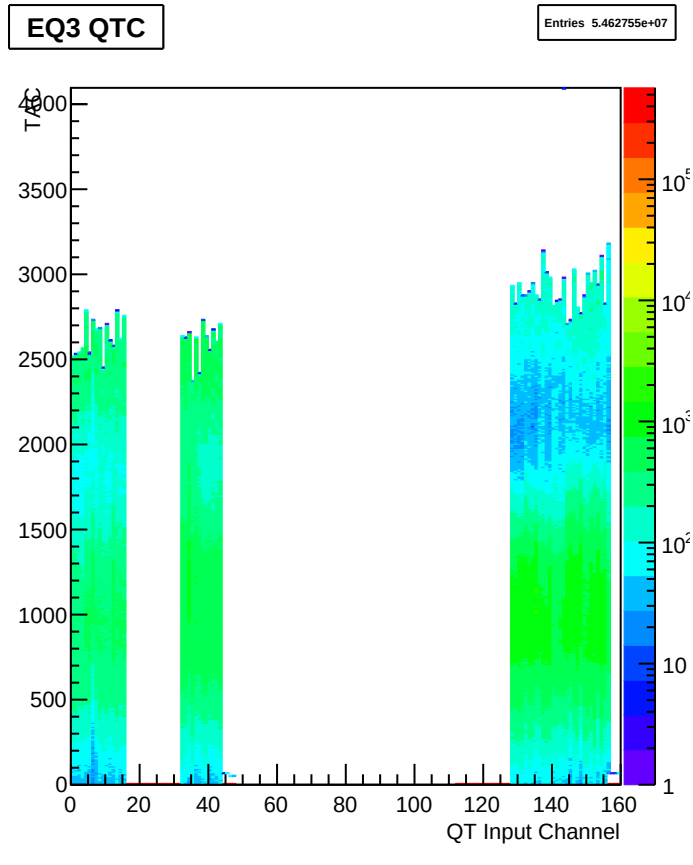

EQ2 QTC
Entries 5.462755e+07
ADC
QT Input Channel

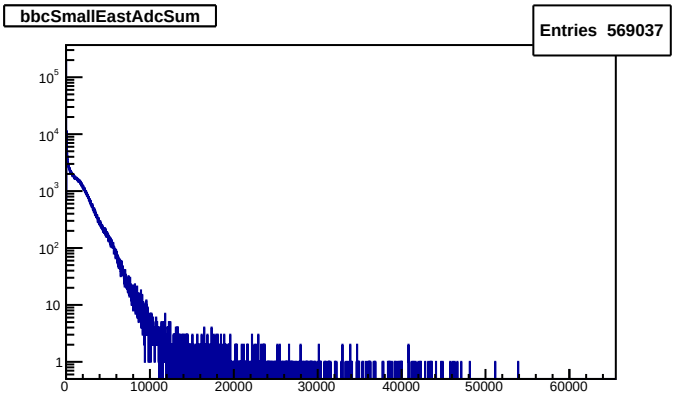

EQ2 QTC
Entries 5.462755e+07
TADC
QT Input Channel

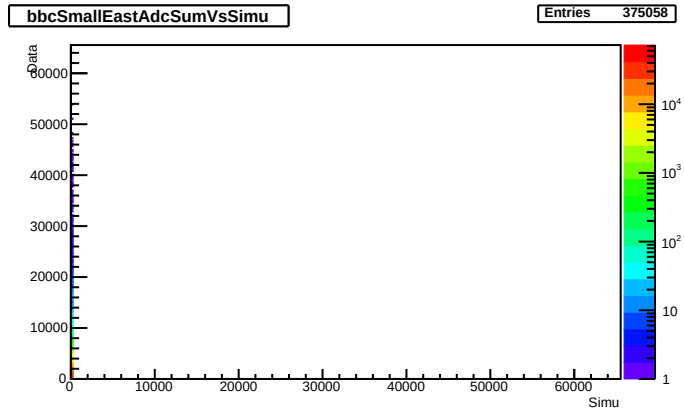

EQ3 QTB
Entries 1.456735e+08
ADC
QT Input Channel

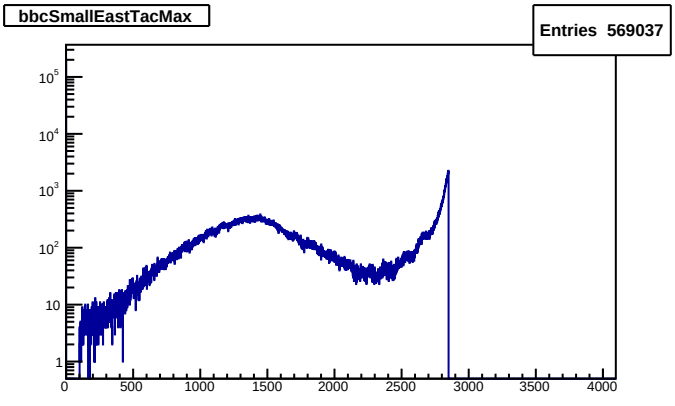

EQ3 QTB
Entries 4.350932e+07
TDC
QT Input Channel

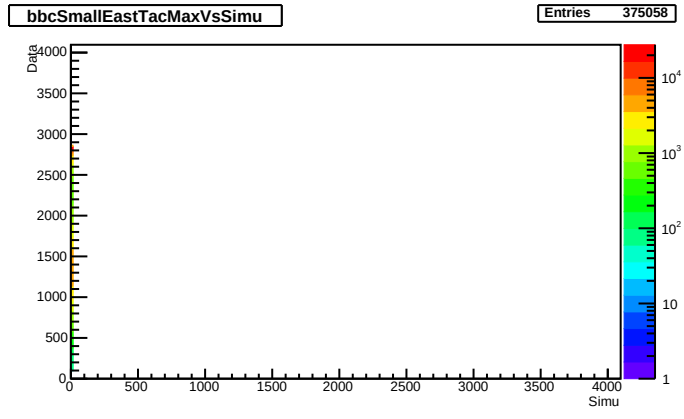

EQ3 QTC
Entries 5.462755e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.462755e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 569037


bbcSmallEastAdcSumVsSimu
Entries 375058
Data
Simu


bbcSmallEastTacMax
Entries 569037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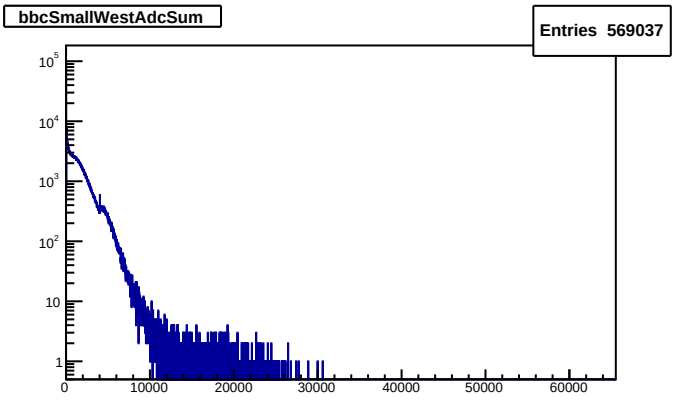
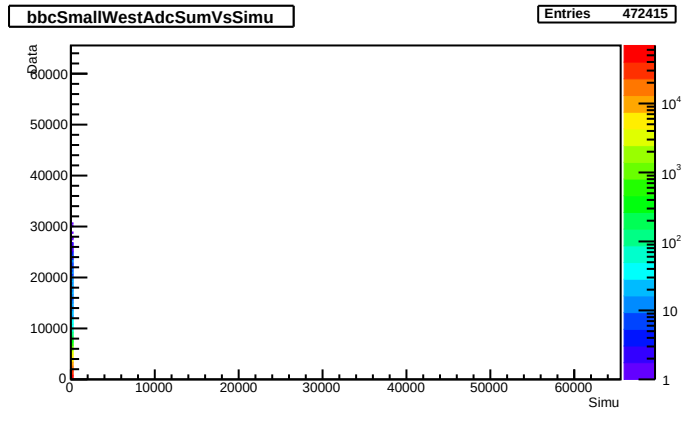
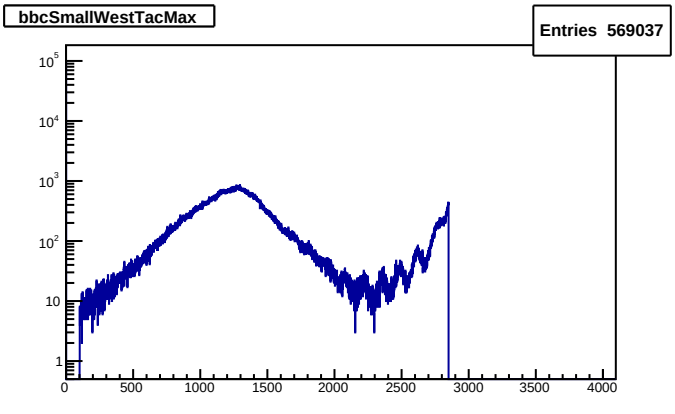
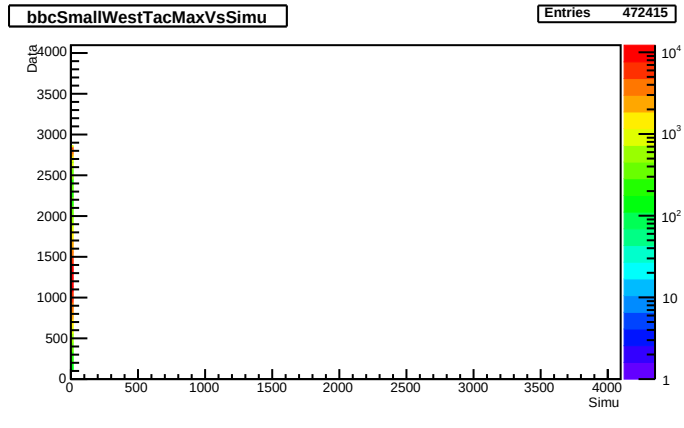
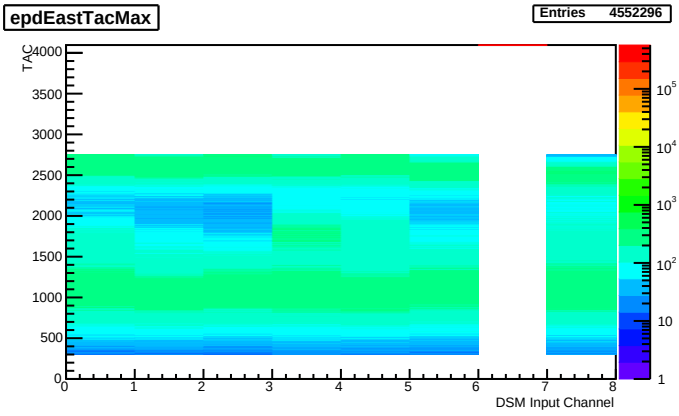
Entries 375058
Data
Simu

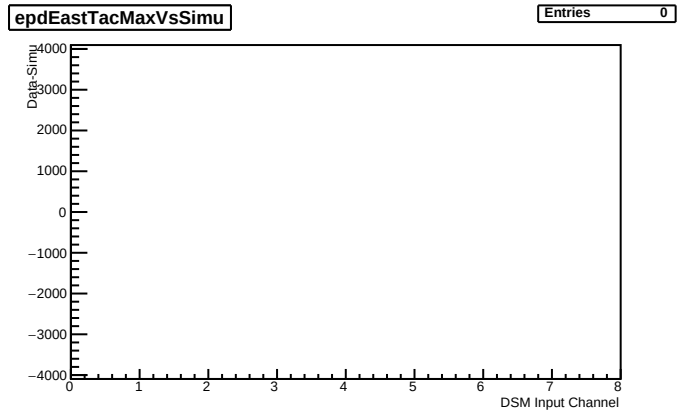

bbcSmallWestAdcSum
Entries 569037

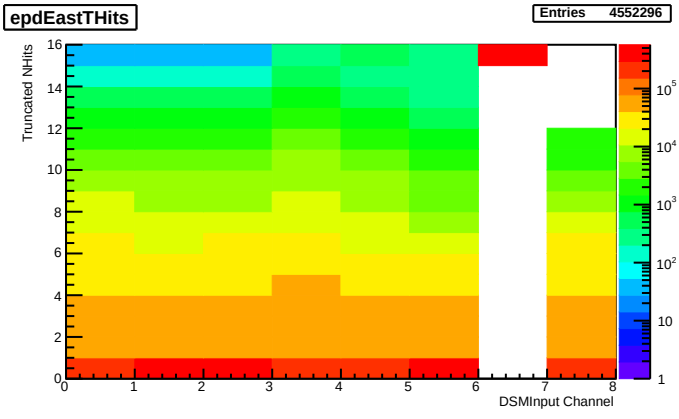

bbcSmallWestAdcSumVsSimu
Entries 472415
Data
Simu

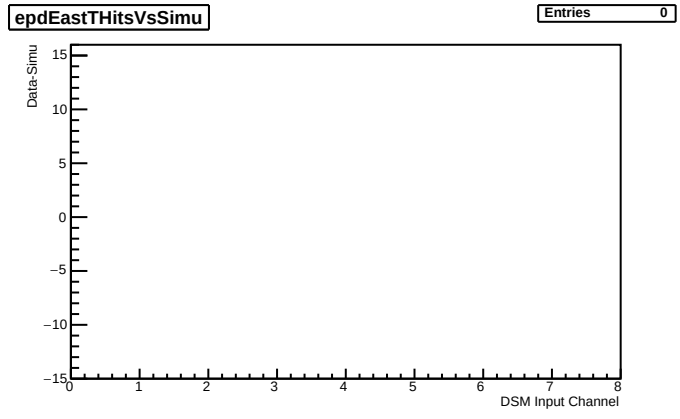

bbcSmallWestTacMax
Entries 569037


bbcSmallWestTacMaxVsSimu
Entries 472415
Data
Simu


epdEastTacMax
Entries 4552296
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4552296
Truncated NHits
DSMInput Channel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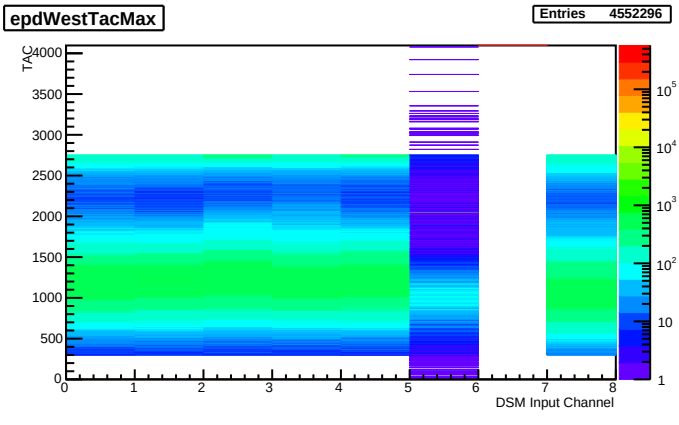
Data-Simu
DSM Input Channel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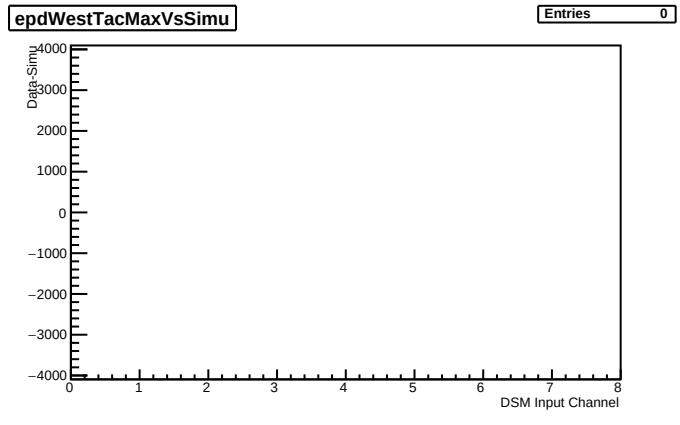
Entries 4552296
TAC
DSM Input Channel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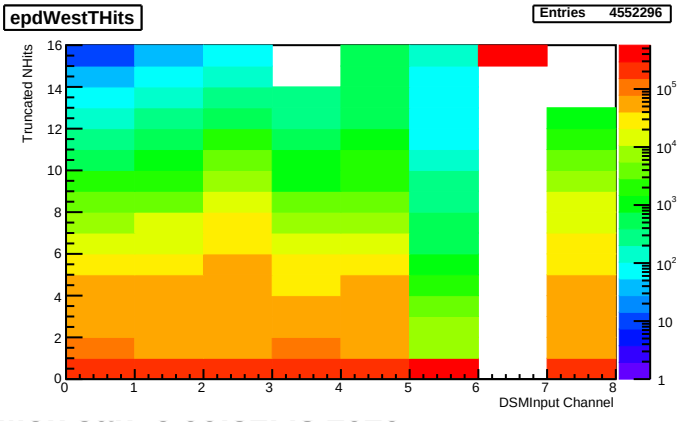
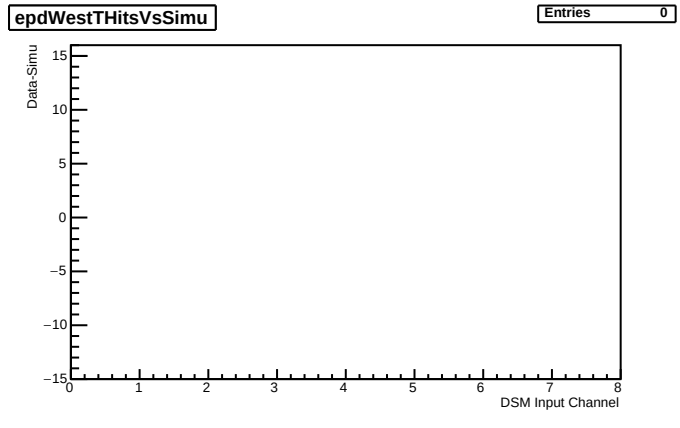
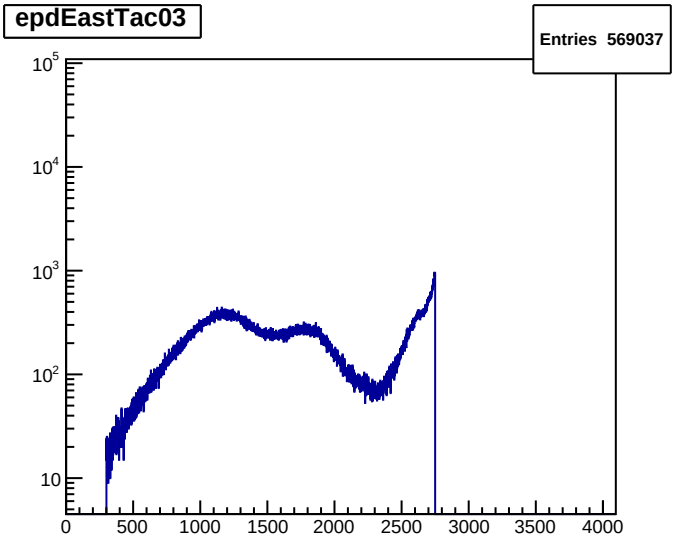
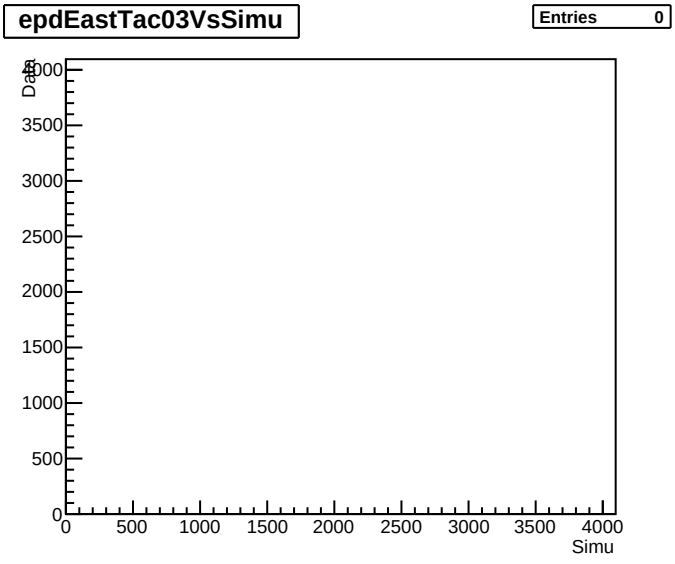
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4552296
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 569037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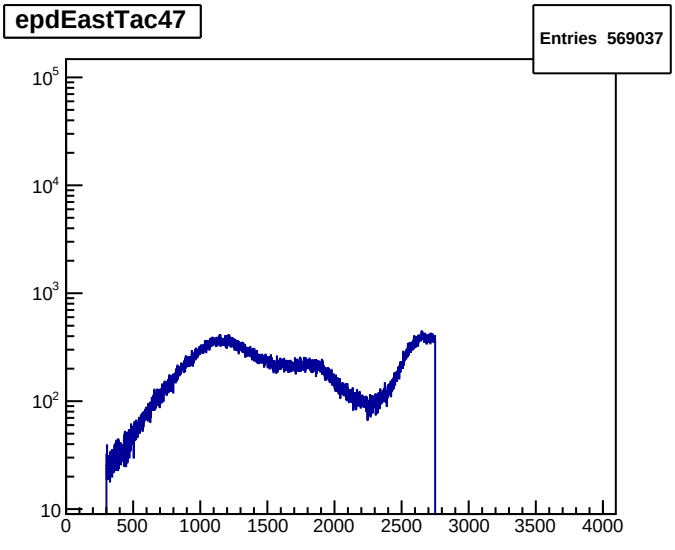
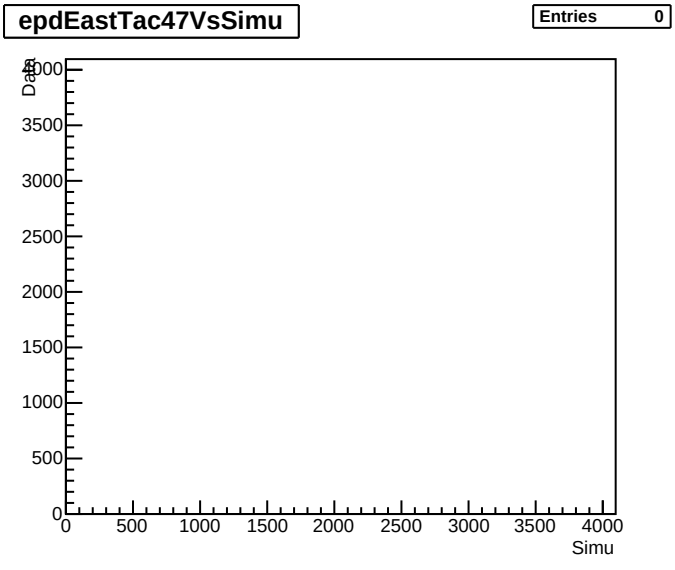
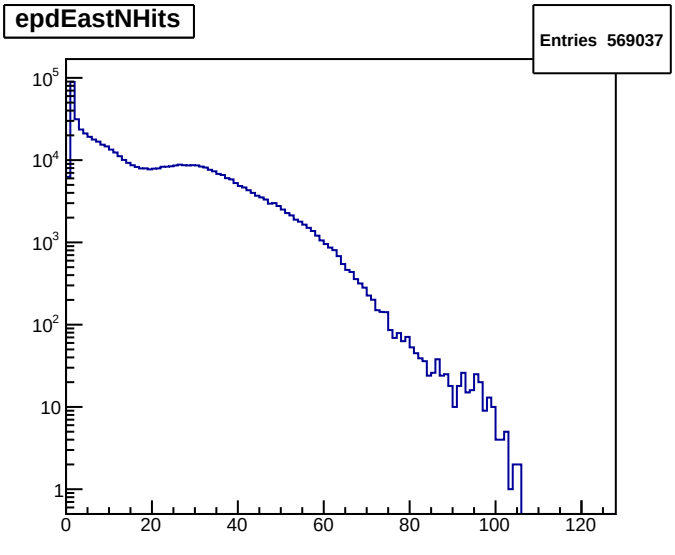
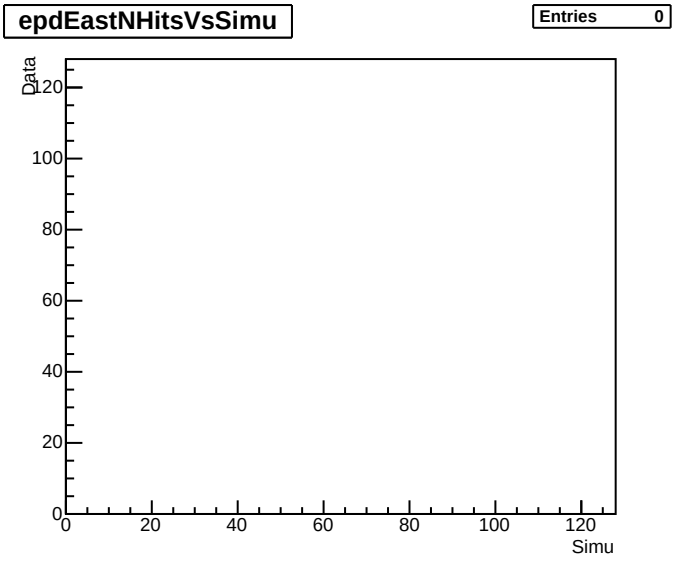
Entries 0
Data
Simu


epdEastTac47
Entries 569037


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 569037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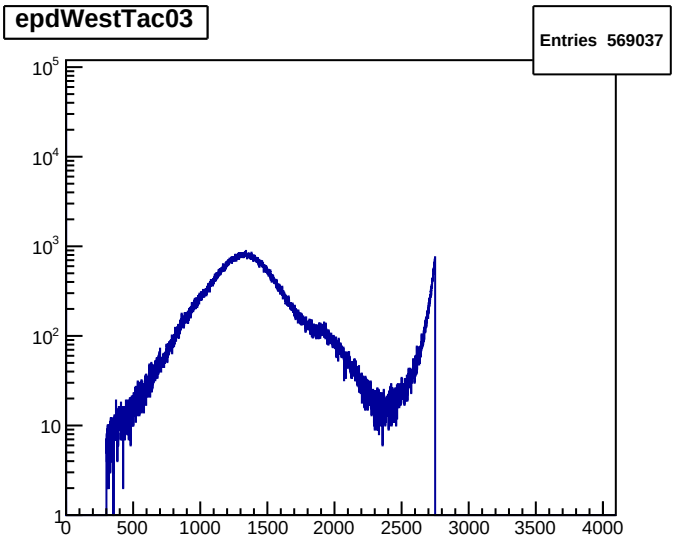
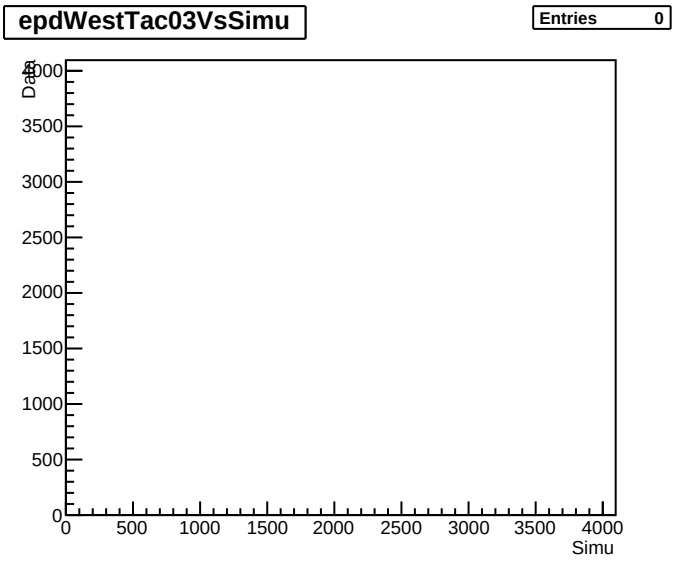
Entries 0
Data
Simu


epdWestTac03
Entries 569037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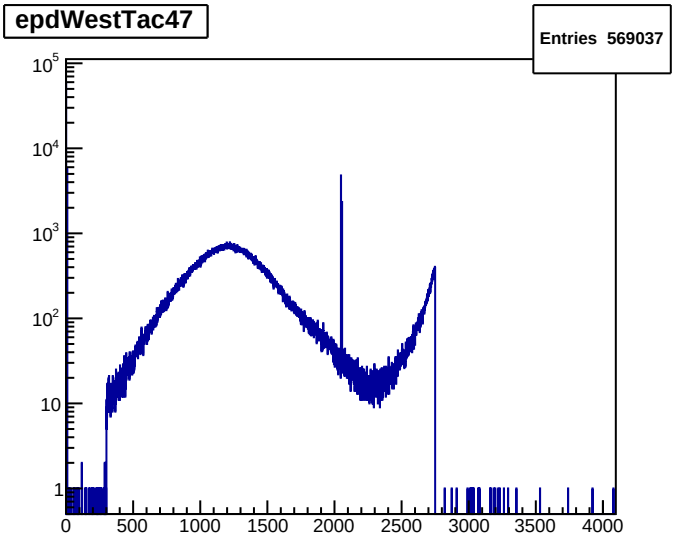
Entries 0
Data
Simu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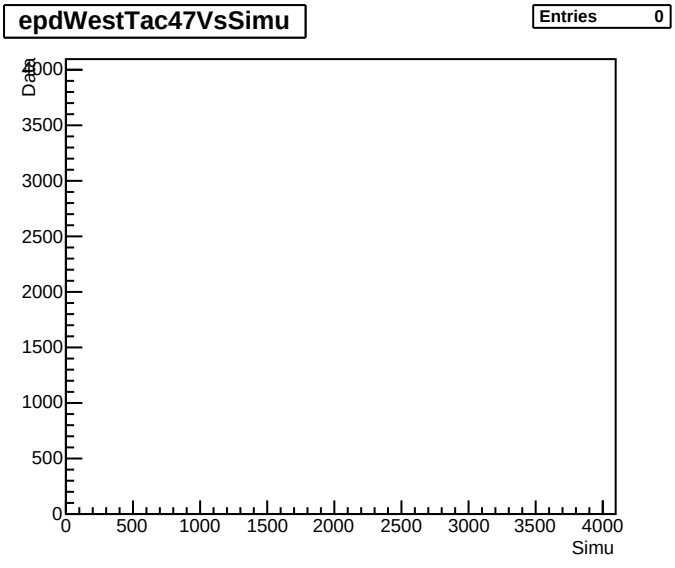
Entries 569037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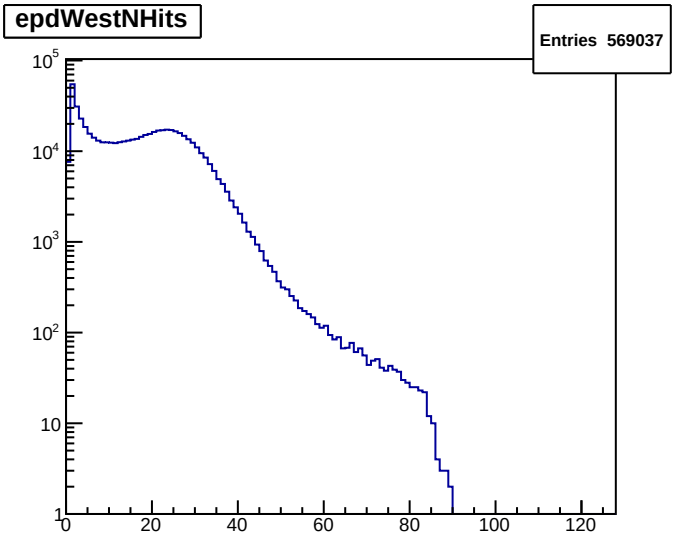
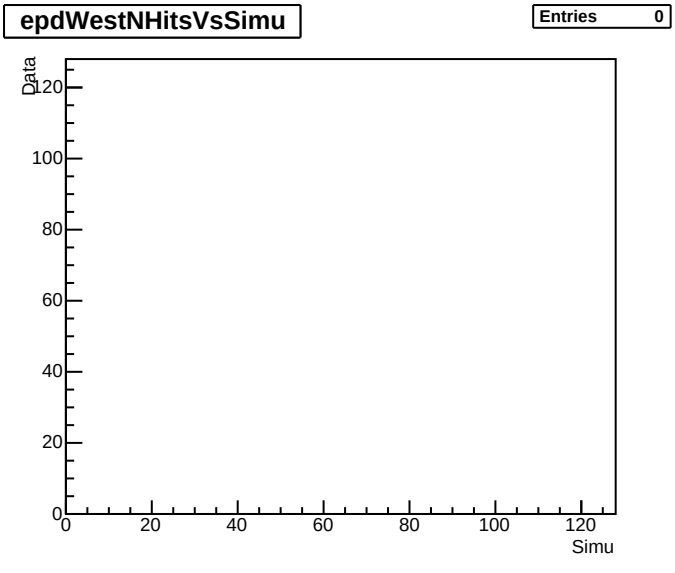
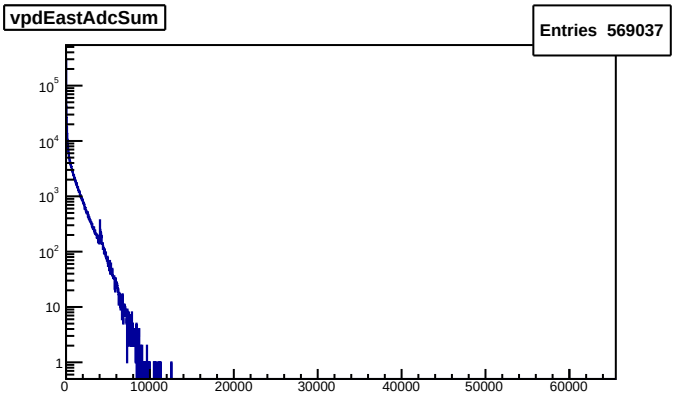
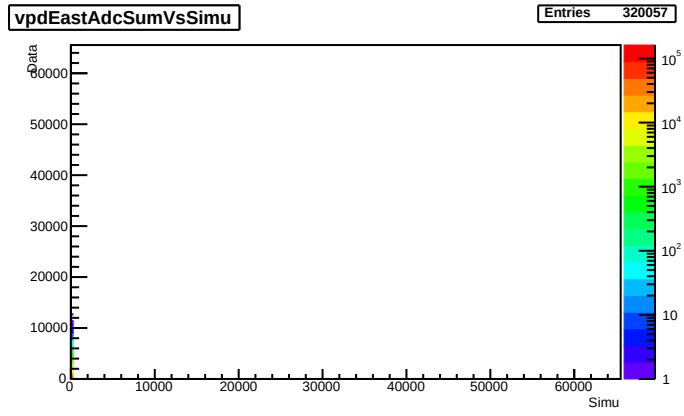
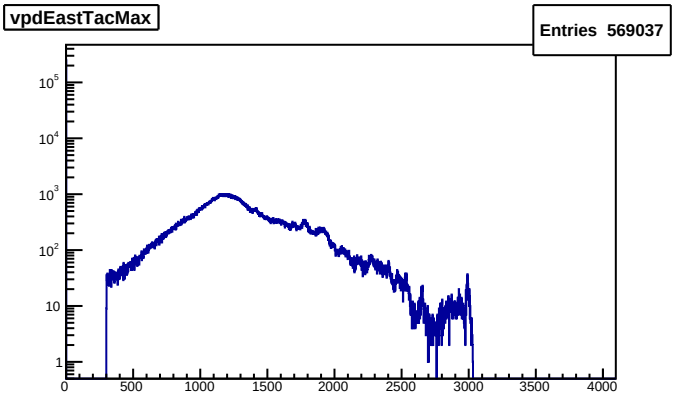
Entries 0
Data
Simu

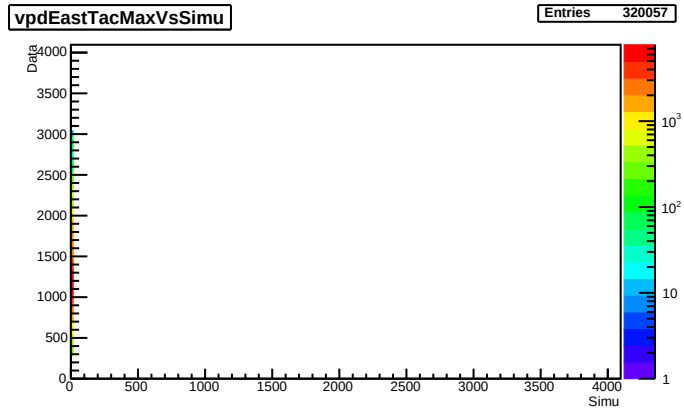

epdWestNHits
Entries 569037

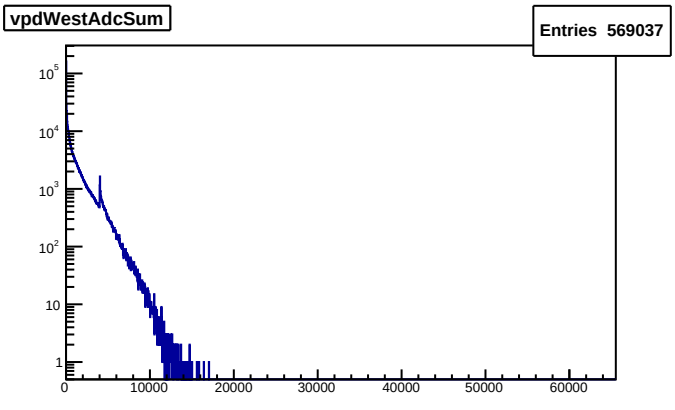

epdWestNHitsVsSimu
Entries 0
Data
Simu

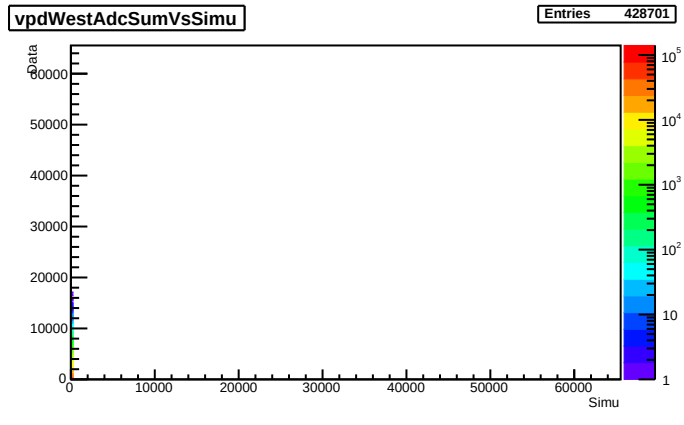

vpdEastAdcSum
Entries 569037

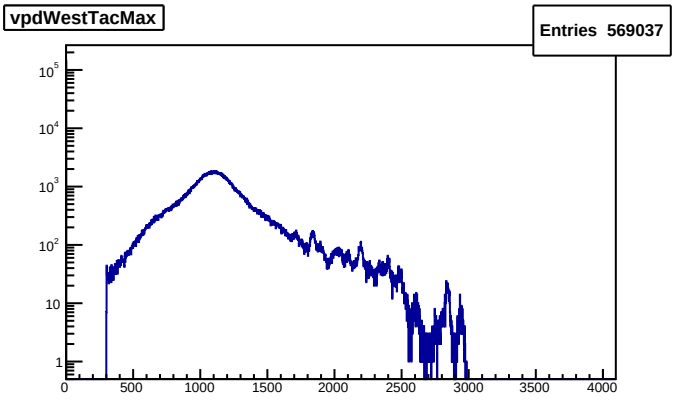

vpdEastAdcSumVsSimu
Entries 320057
Data
Simu

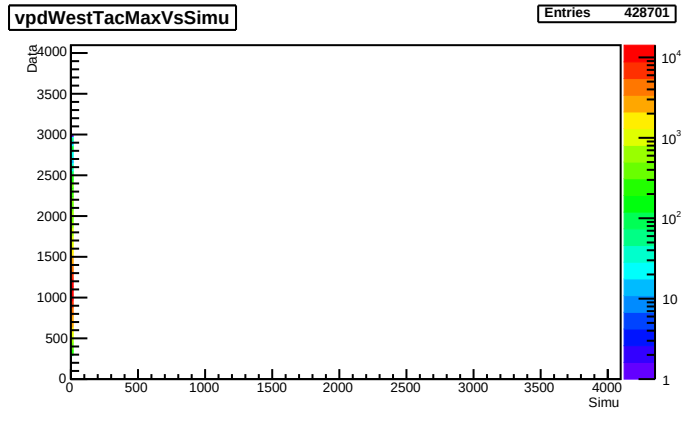

vpdEastTacMax
Entries 569037

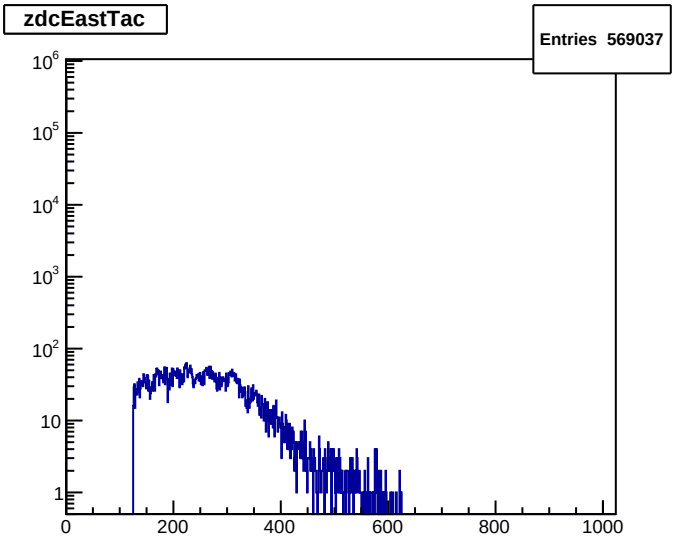

vpdEastTacMaxVsSimu
Entries 320057
Data
Simu

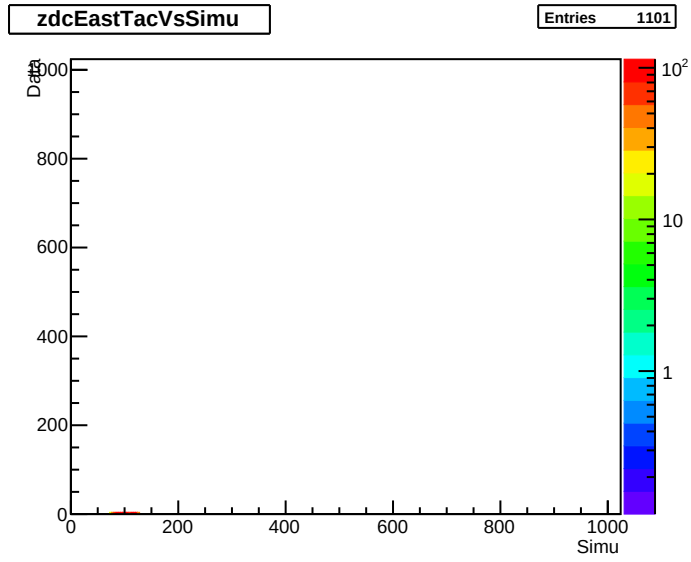

vpdWestAdcSum
Entries 569037

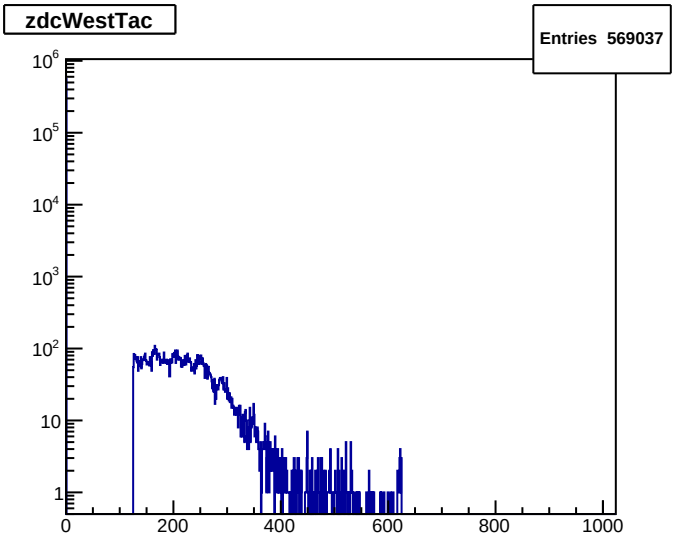

vpdWestAdcSumVsSimu
Entries 428701
Data
Simu

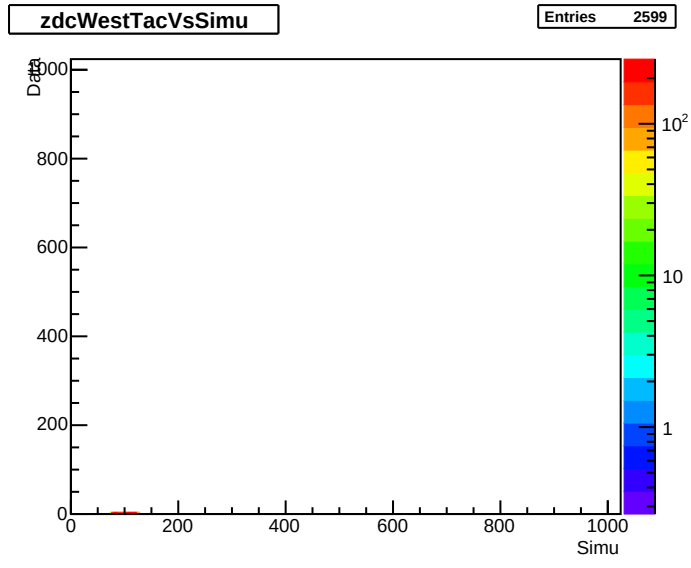

vpdWestTacMax
Entries 569037

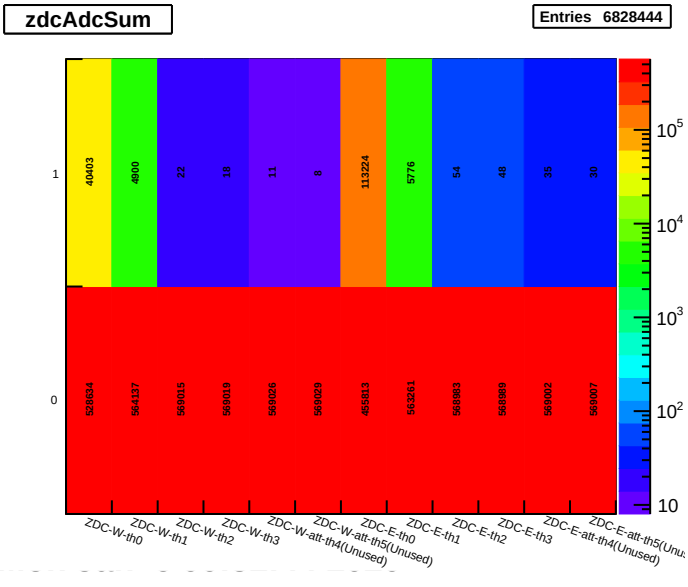

vpdWestTacMaxVsSimu
Entries 428701
Data
Simu

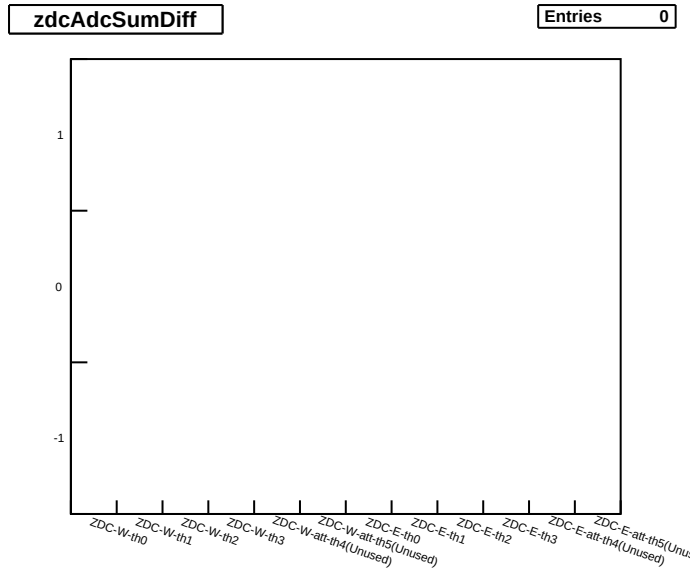

zdcEastTac
Entries 569037

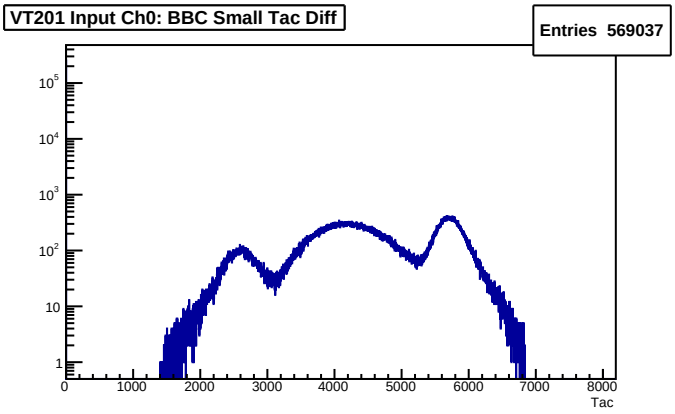

zdcEastTacVsSimu
Entries 1101
Data
Simu

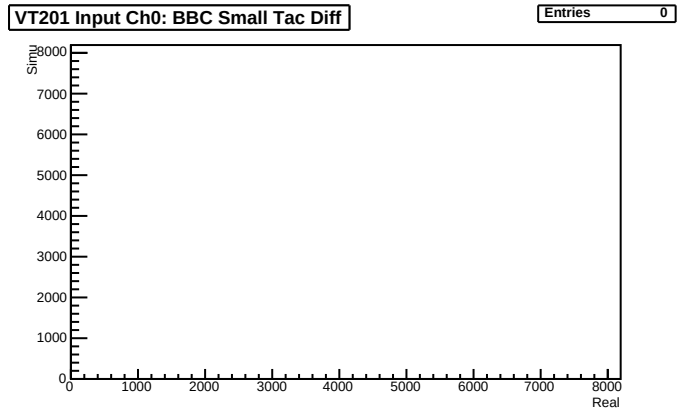

zdcWestTac
Entries 569037

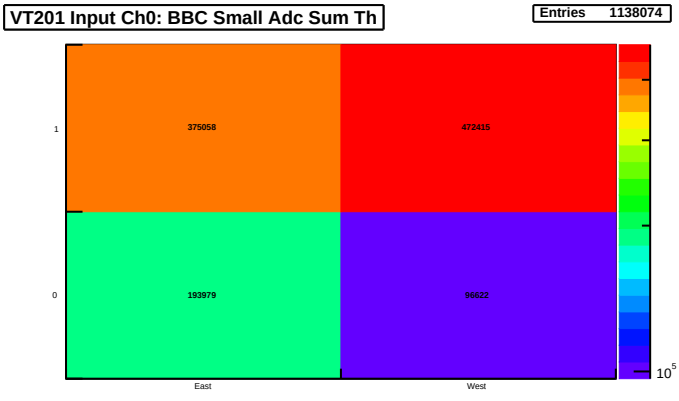

zdcWestTacVsSimu
Entries 2599
Data
Simu

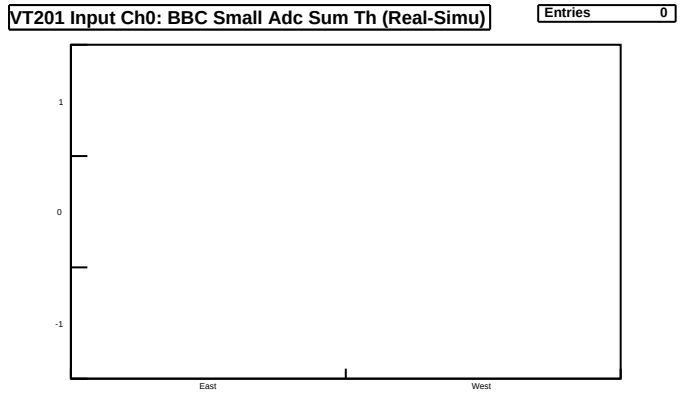

zdcAdcSum
Entries 6828444
40403
4900
22
18
11
8
113224
5776
54
48
35
30
528634
564137
569015
569019
569026
569029
455813
563261
568983
568989
569002
569007
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

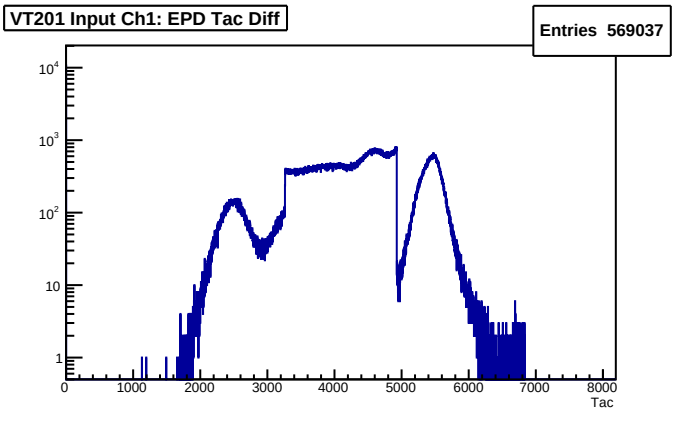

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

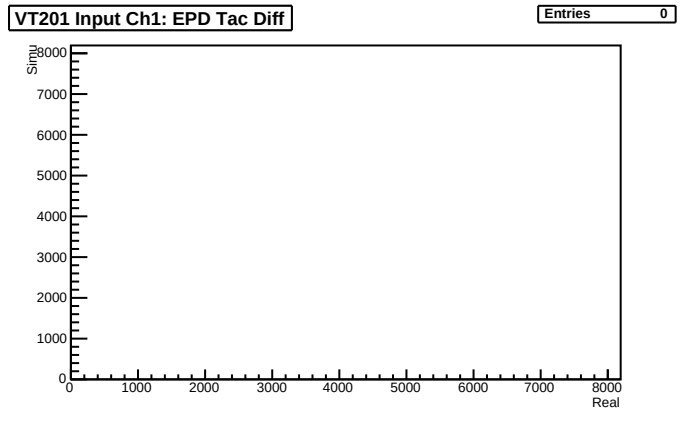

VT201 Input Ch0: BBC Small Tac Diff
Entries 569037
Tac

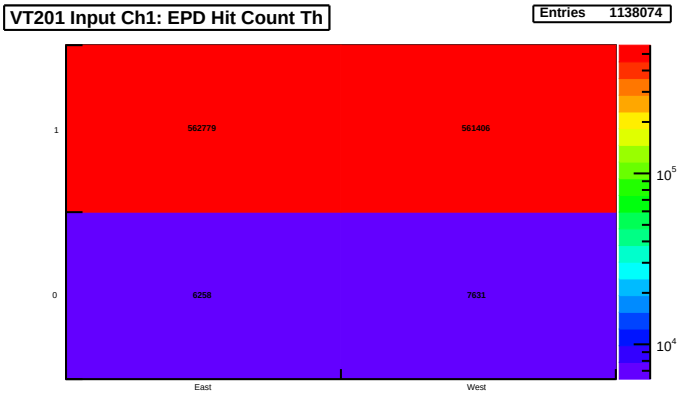

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

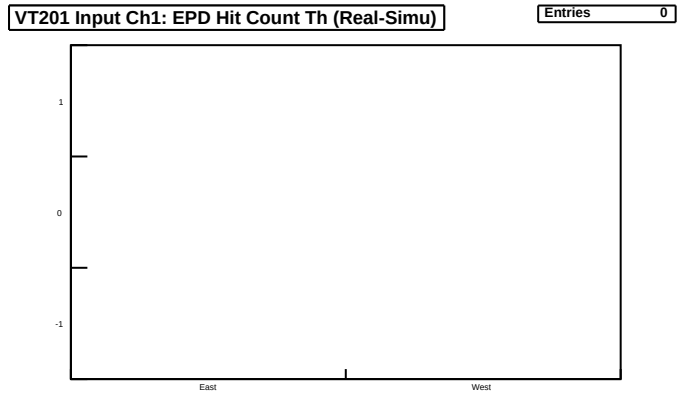

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1138074
375058
472415
193979
96622
East
West

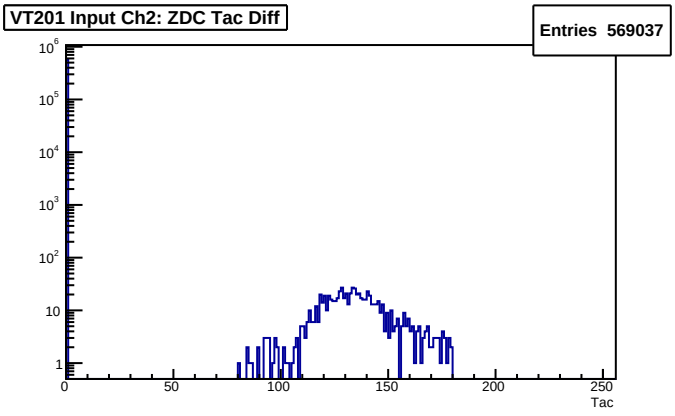

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

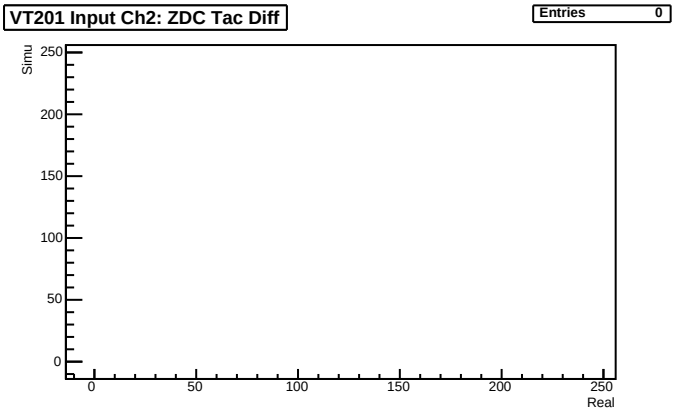

VT201 Input Ch1: EPD Tac Diff
Entries 569037
Tac

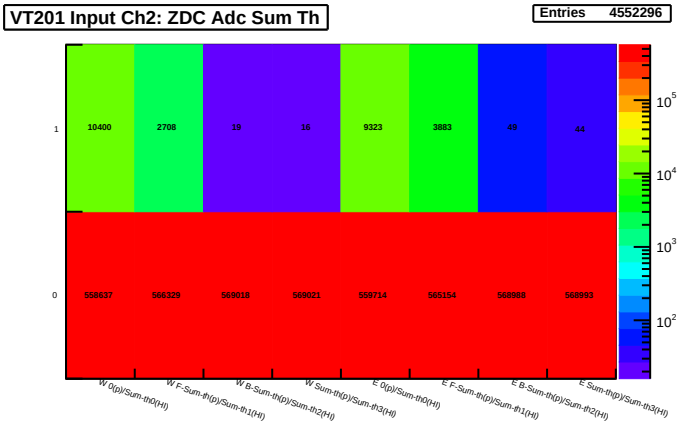

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

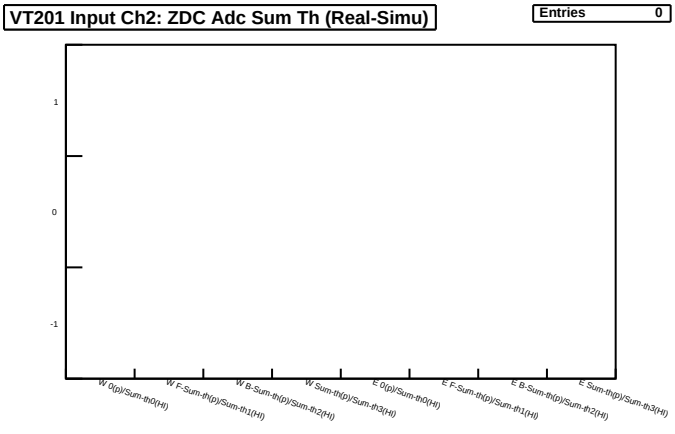

VT201 Input Ch1: EPD Hit Count Th
Entries 1138074
562779
561406
6258
7631
East
West

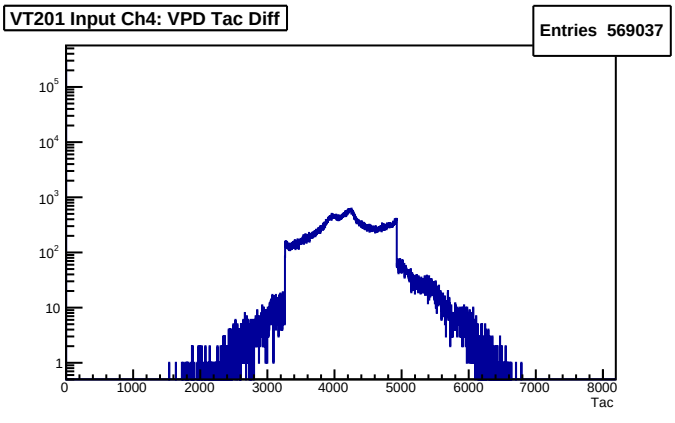

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

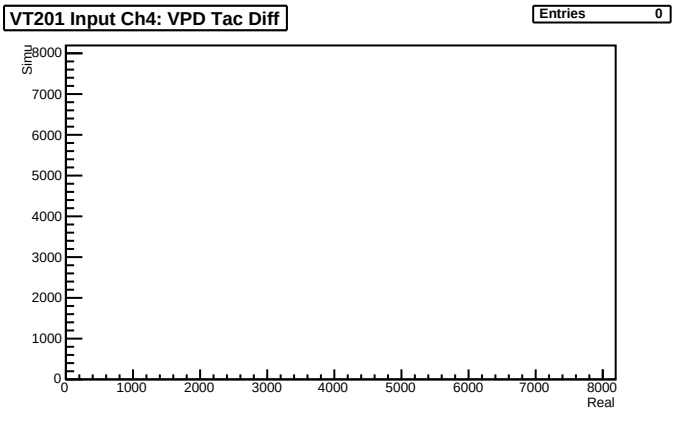

VT201 Input Ch2: ZDC Tac Diff
Entries 569037
Tac

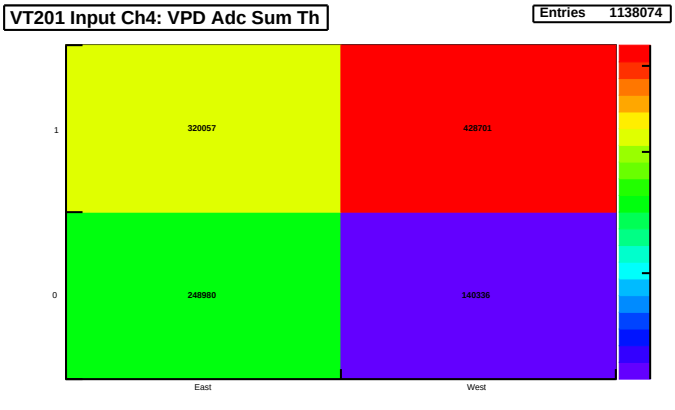

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

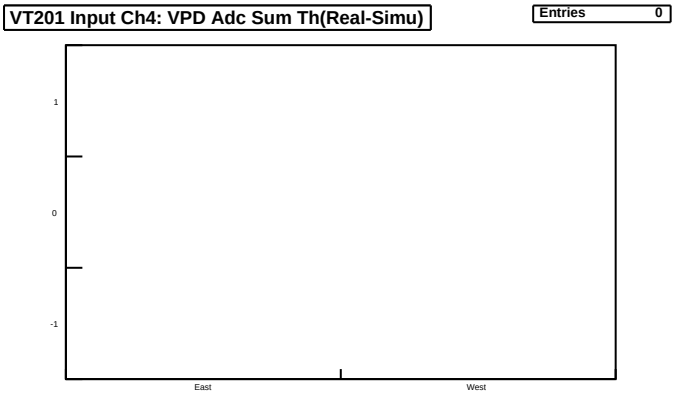

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4552296
10400
2708
19
16
9323
3883
49
44
558637
566329
569018
569021
559714
565154
568988
568993
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

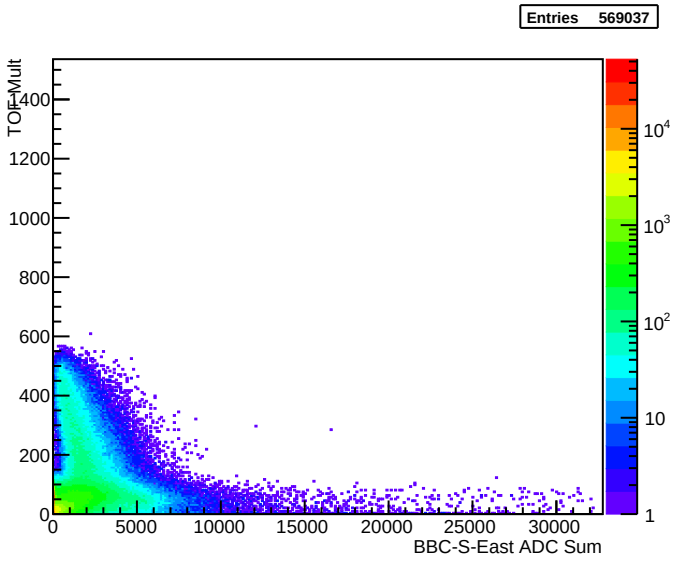

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

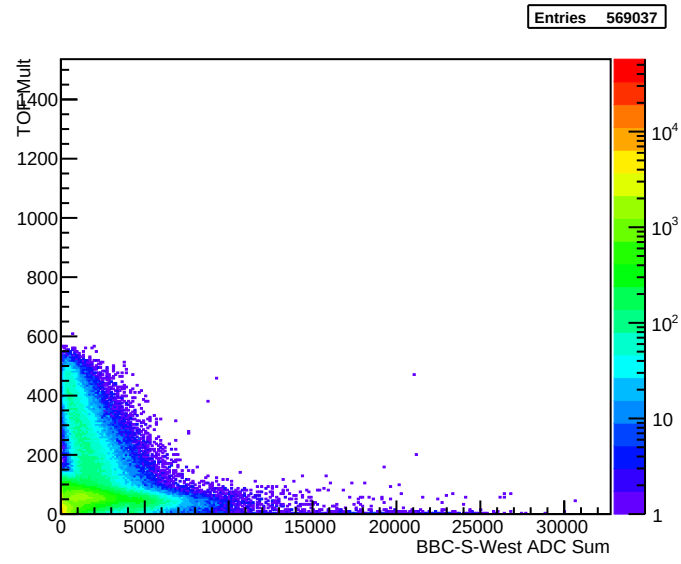

VT201 Input Ch4: VPD Tac Diff
Entries 569037
Tac

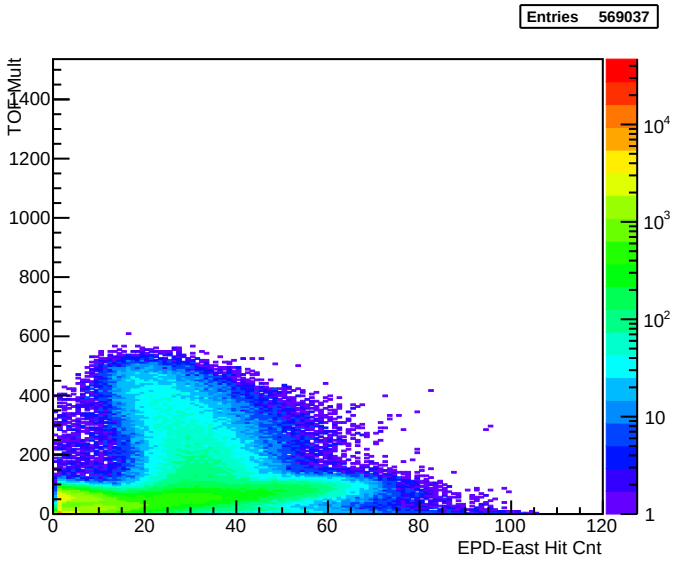

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

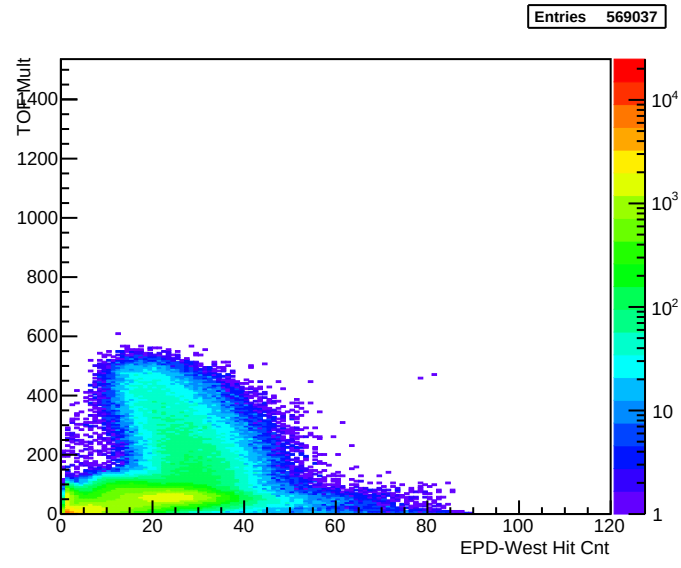

VT201 Input Ch4: VPD Adc Sum Th
Entries 1138074
320057
428701
248980
140336
East
West

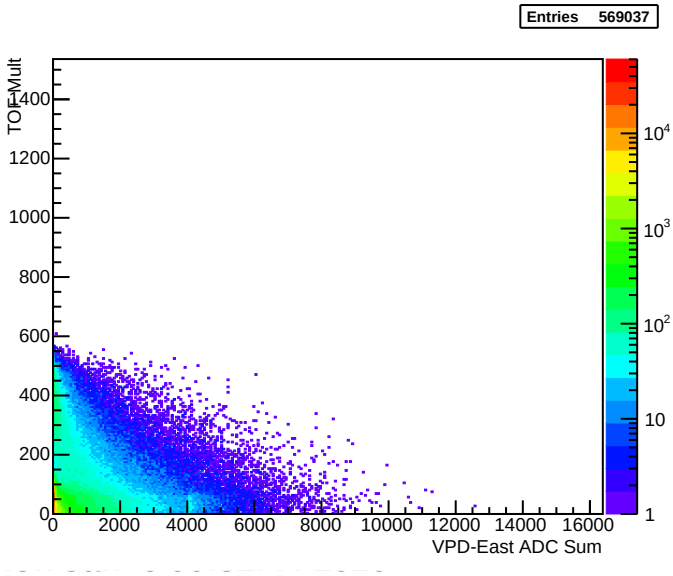

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

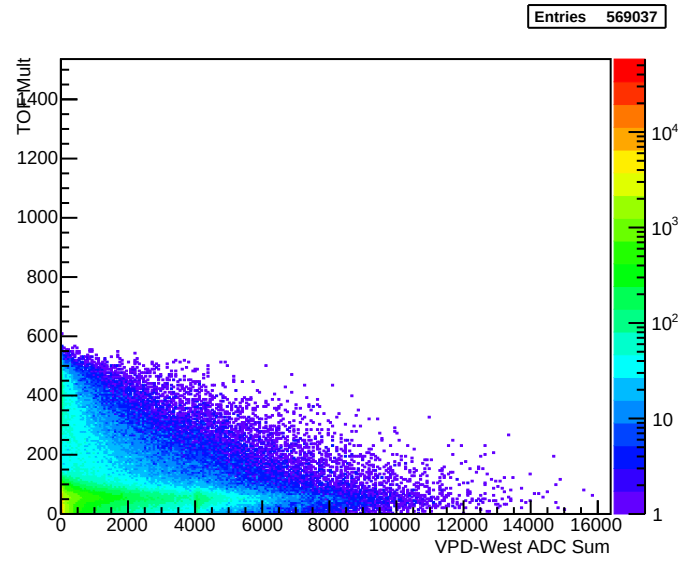

Entries 569037
TOF-Mult
BBC-S-East ADC Sum

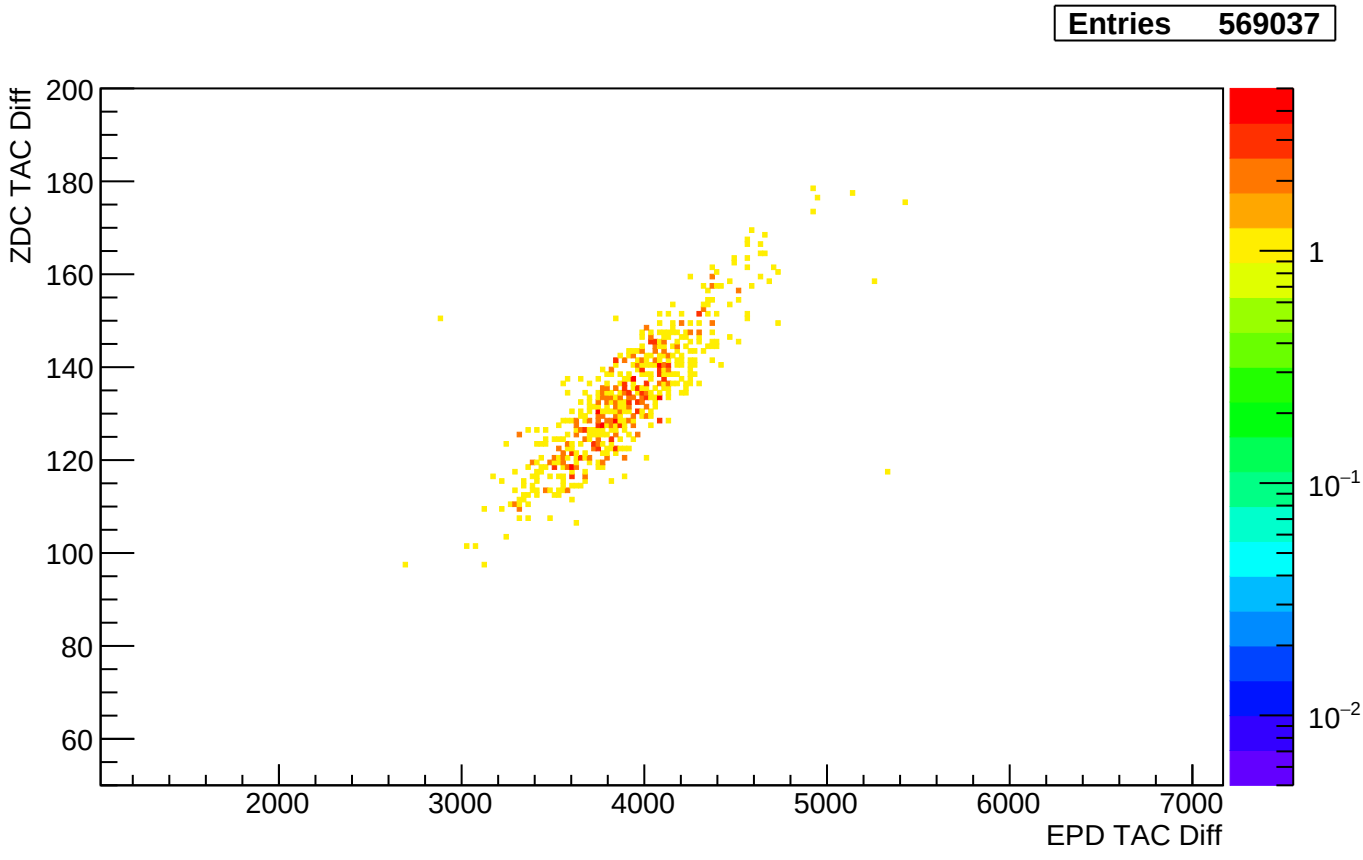

Entries 569037
TOF-Mult
BBC-S-West ADC Sum

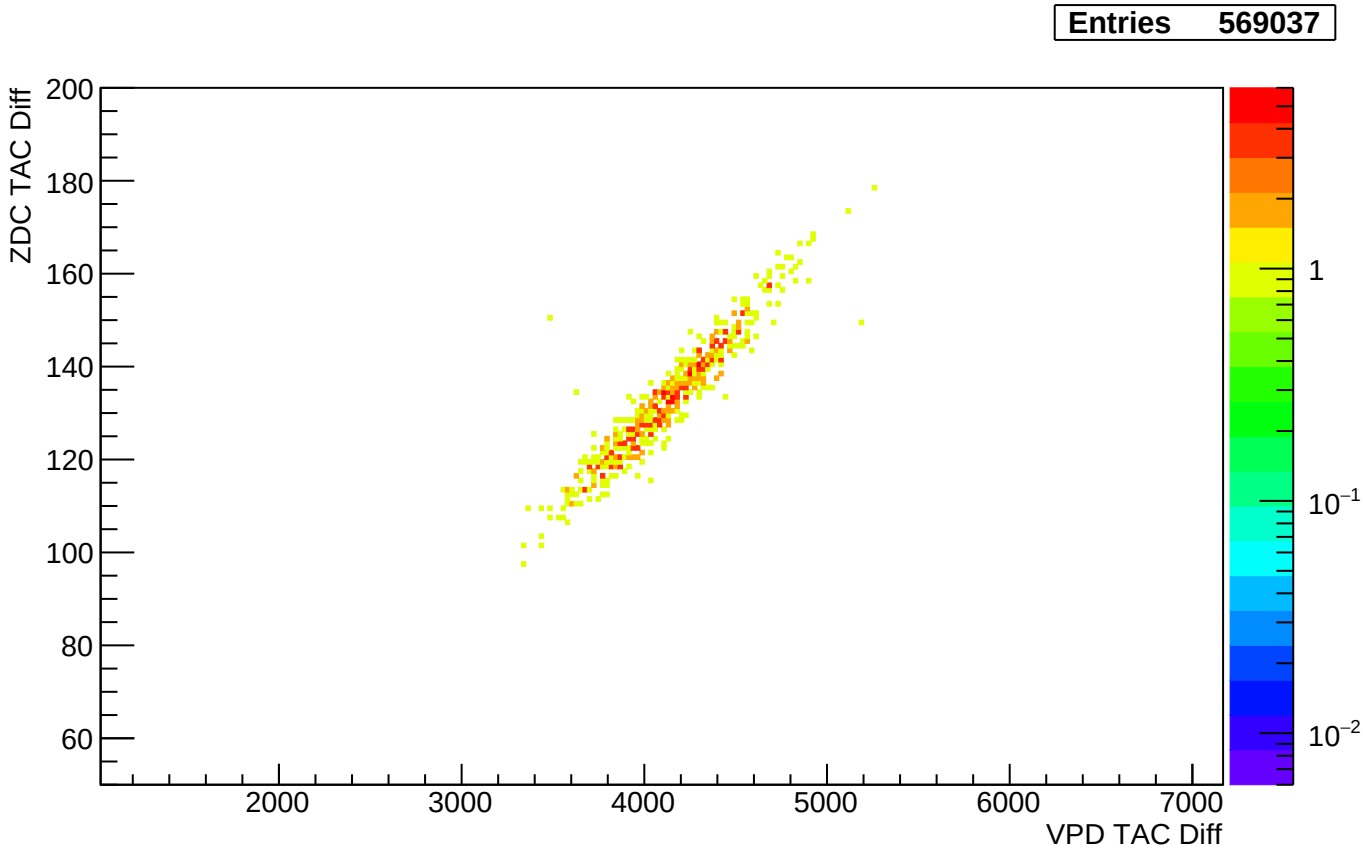

Entries 569037
TOF-Mult
EPD-East Hit Cnt

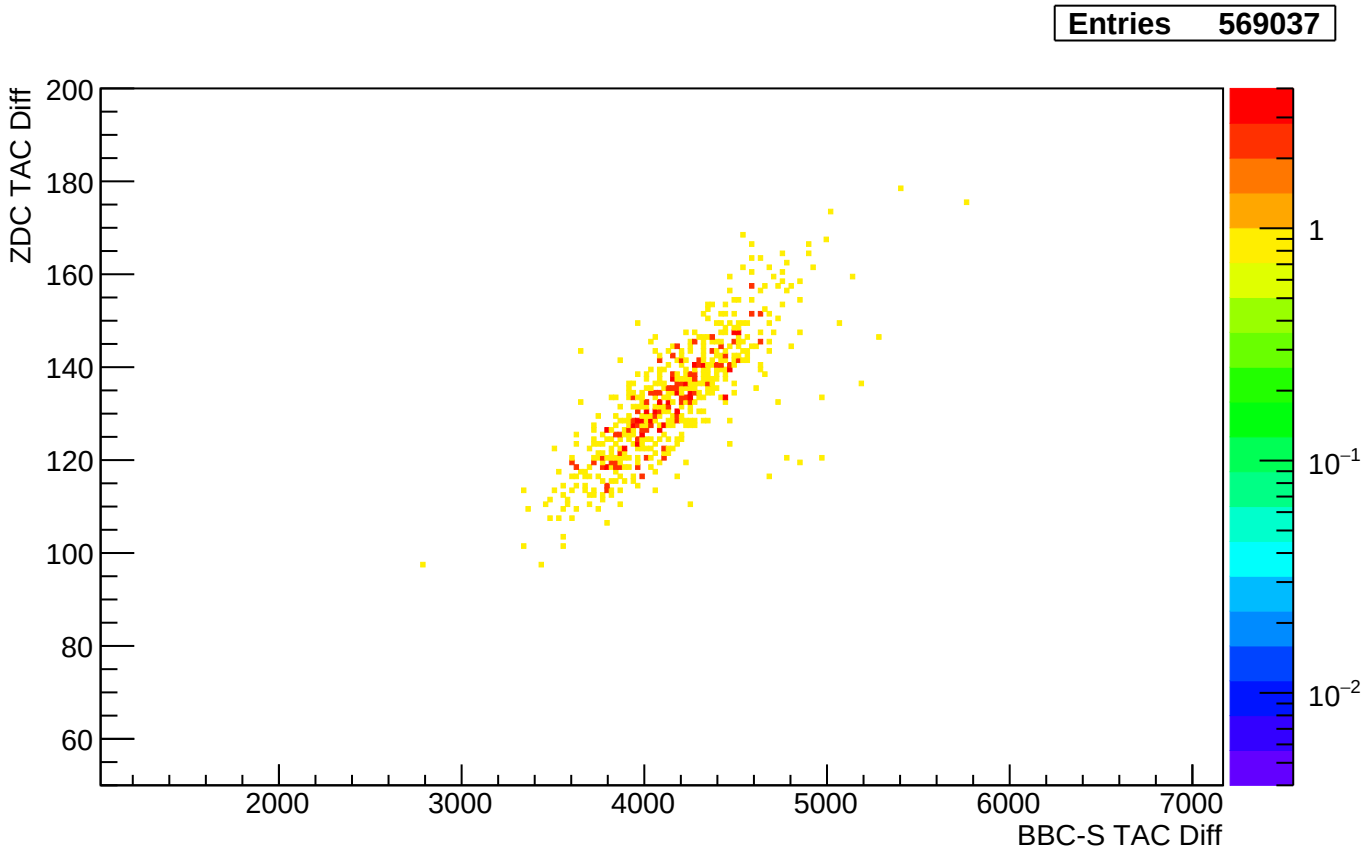

Entries 569037
TOF-Mult
EPD-West Hit Cnt

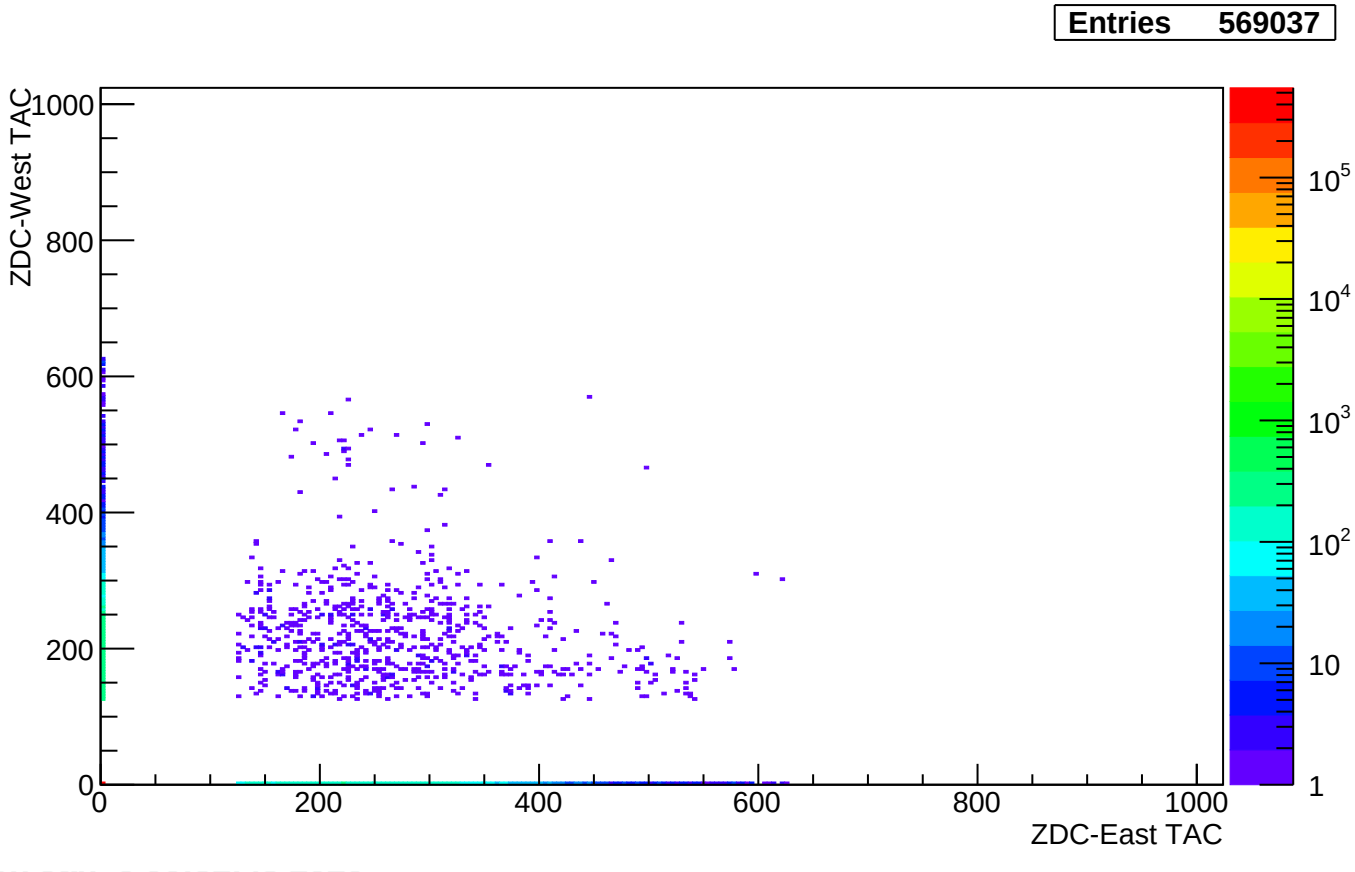

Entries 569037
TOF-Mult
VPD-East ADC Sum

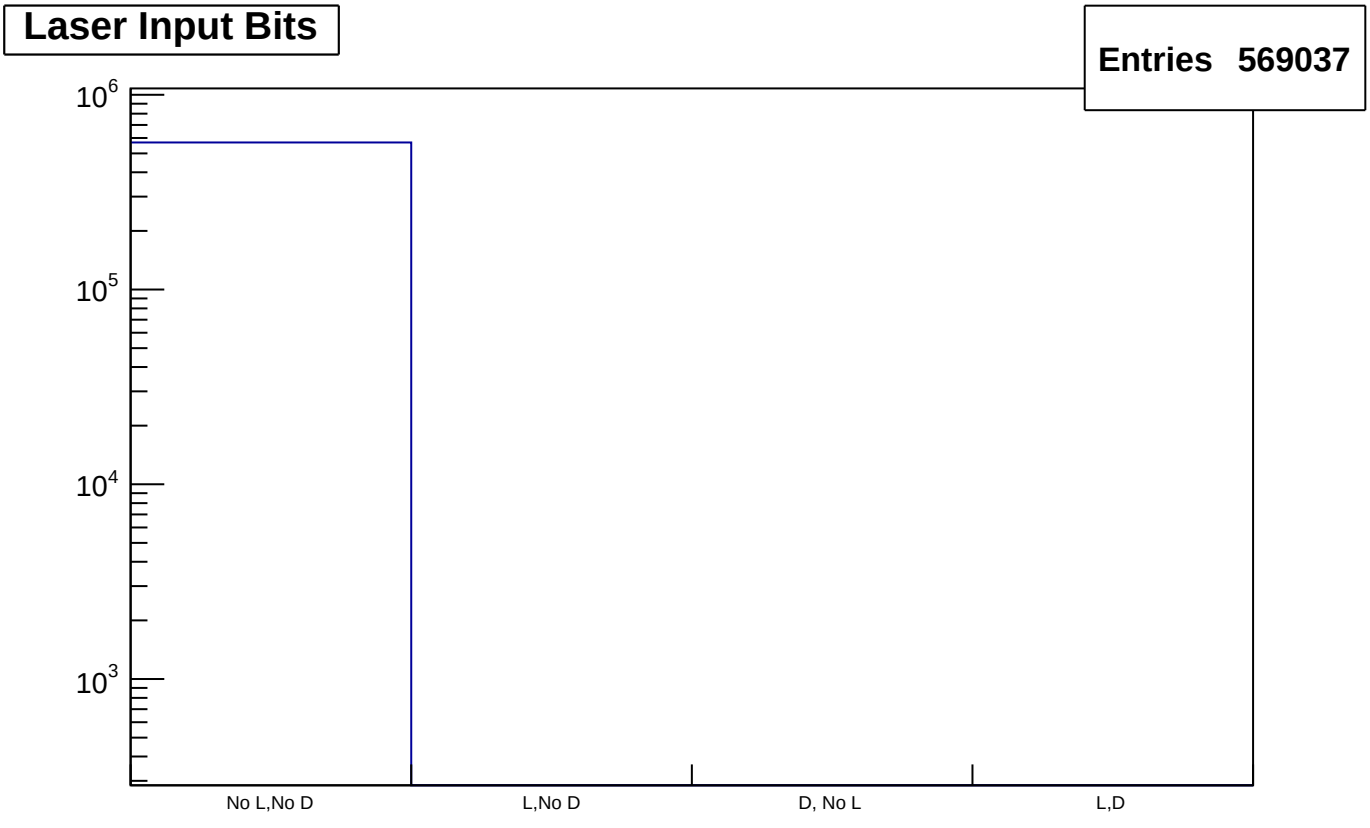

Entries 569037
TOF-Mult
VPD-West ADC Sum

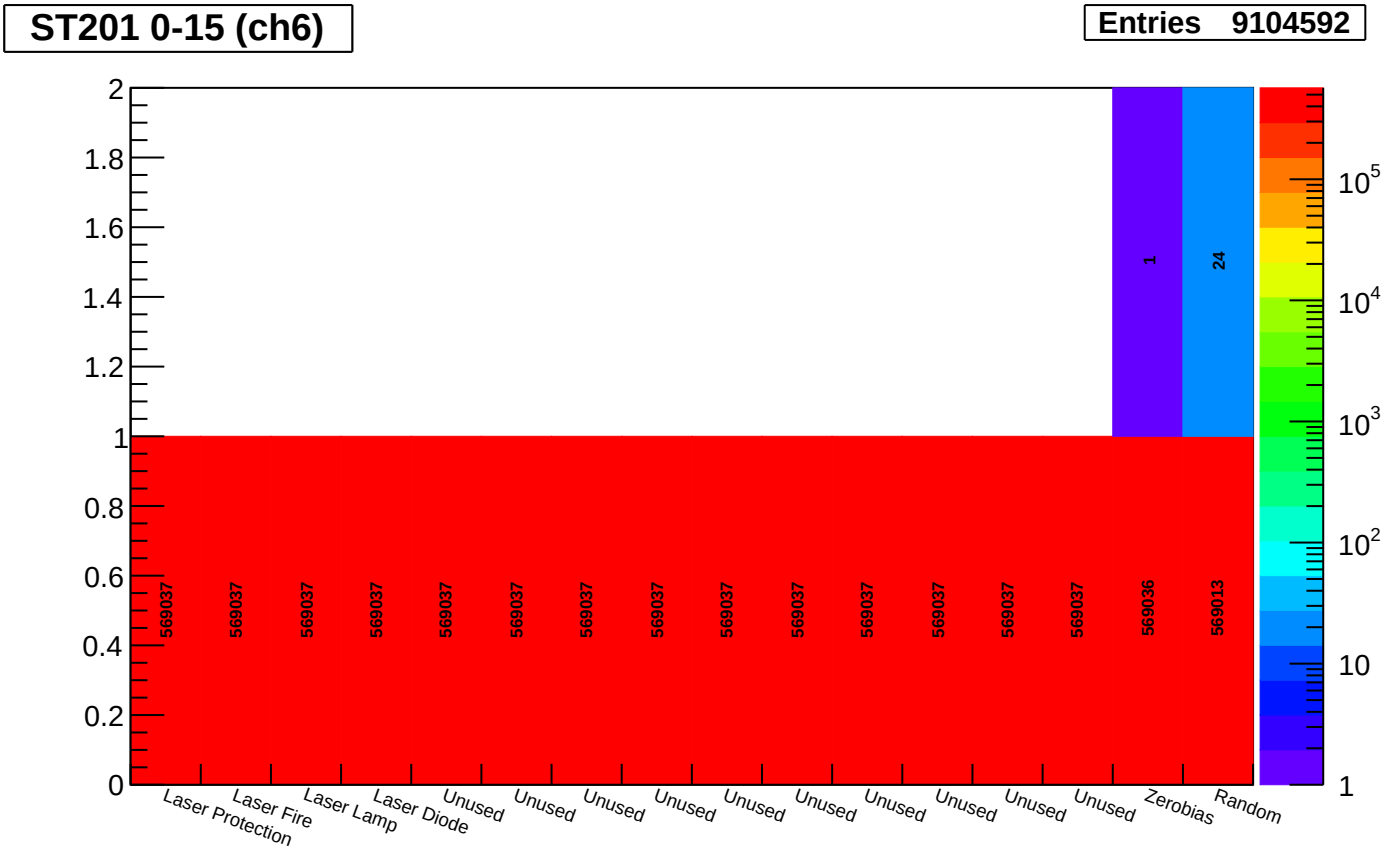

Entries 569037
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

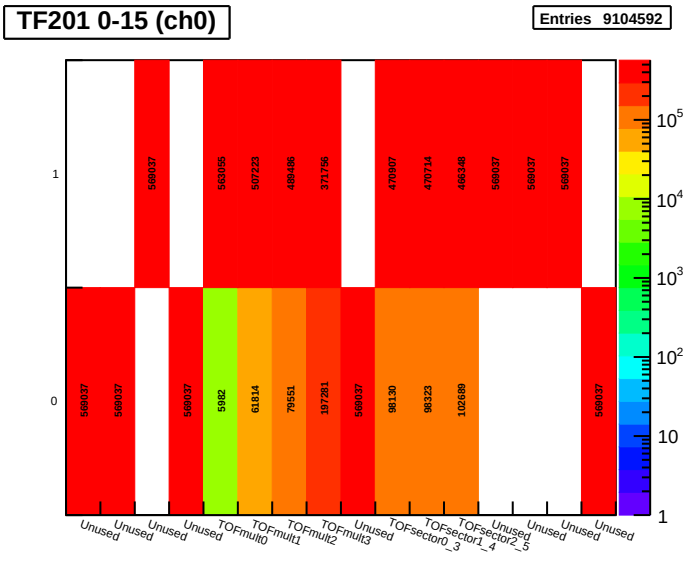

Entries 569037
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

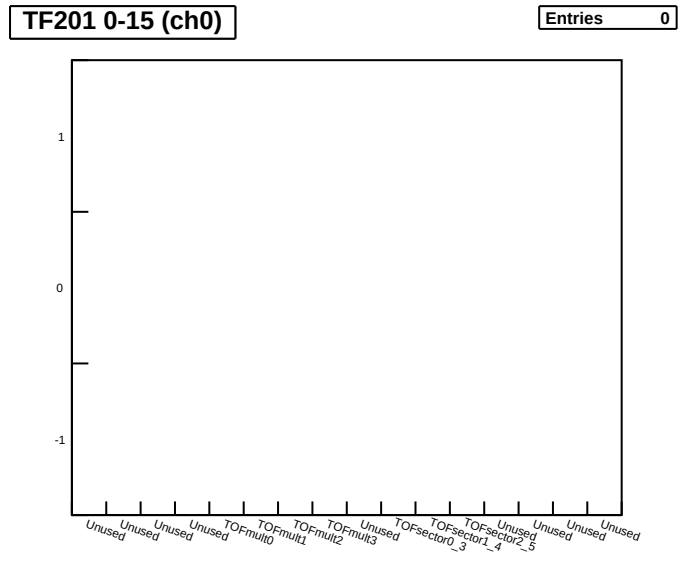

Entries 569037
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

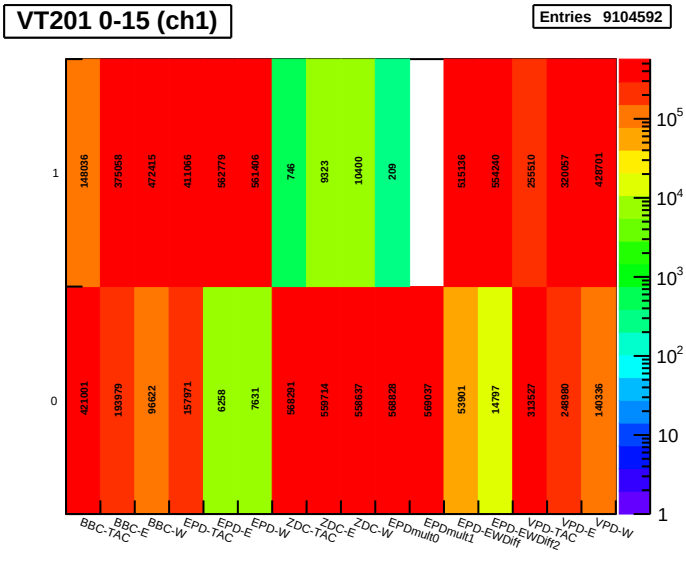

Entries 569037
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

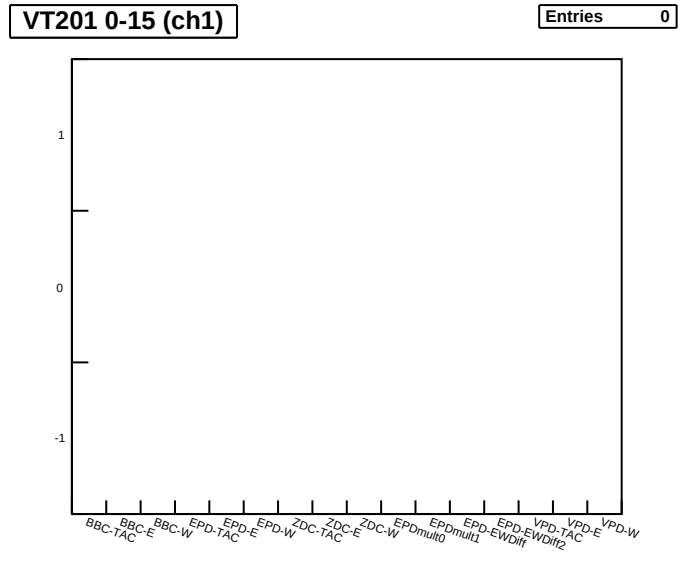

Laser Input Bits
Entries 569037
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

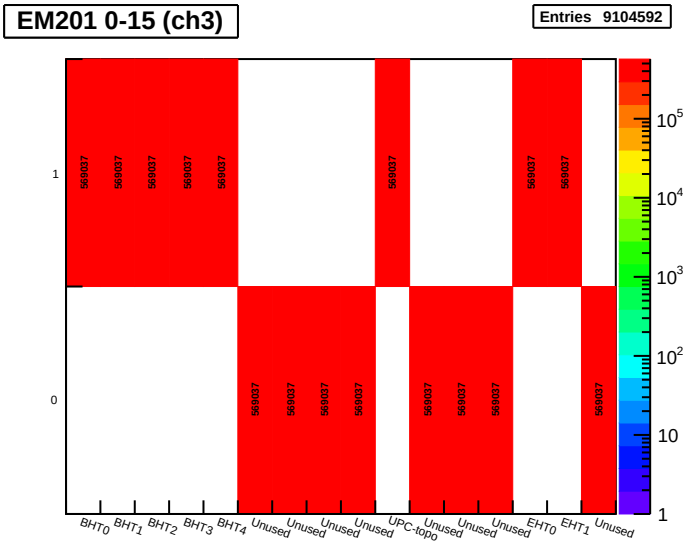

ST201 0-15 (ch6)
Entries 9104592
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
569037
569037
569037
569037
569037
569037
569037
569037
569037
569037
569037
569037
569037
569037
569036
569013
1
24
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

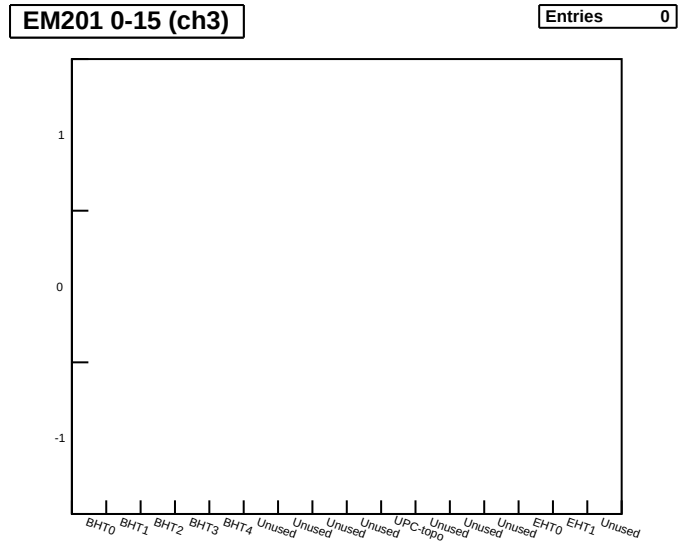

TF201 0-15 (ch0)
Entries 9104592
1
0
569037
563055
507223
489486
371756
470907
470714
466348
569037
569037
569037
569037
569037
569037
5982
61814
79551
197281
96130
98323
102689
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 9104592
1
0
148036
375058
472415
411066
562779
561406
746
9323
10400
209
515156
554240
255510
320057
428701
421001
193979
96622
157971
6258
7631
568291
559714
558637
568828
569037
53901
14797
313527
248980
140336
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 9104592
1
0
569037
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