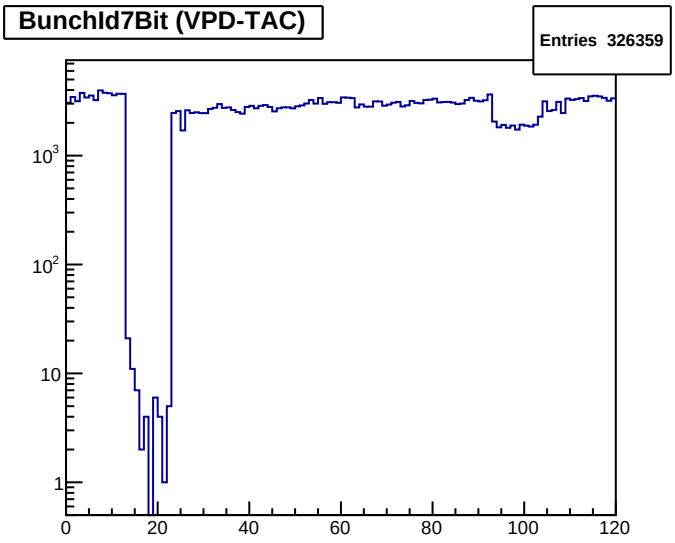
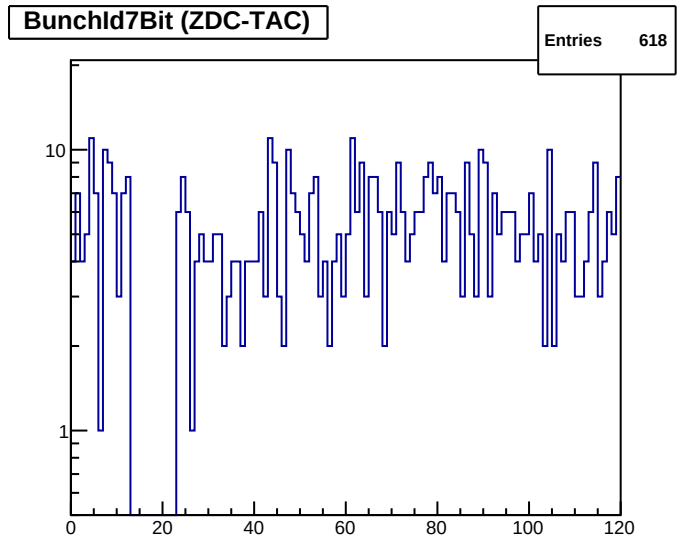
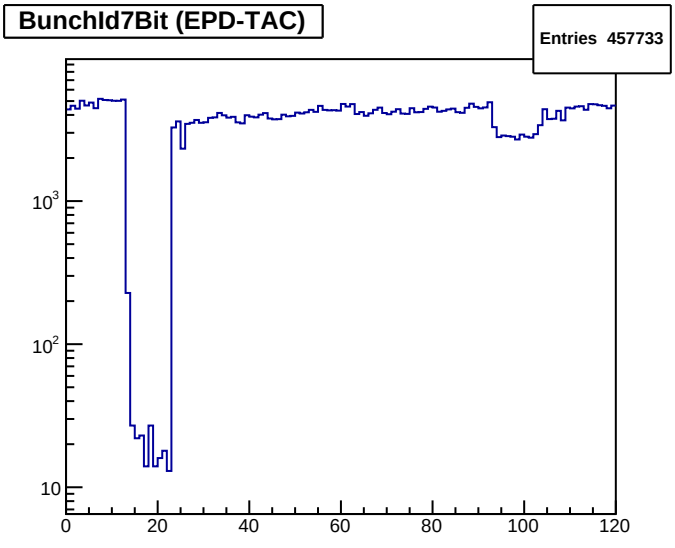
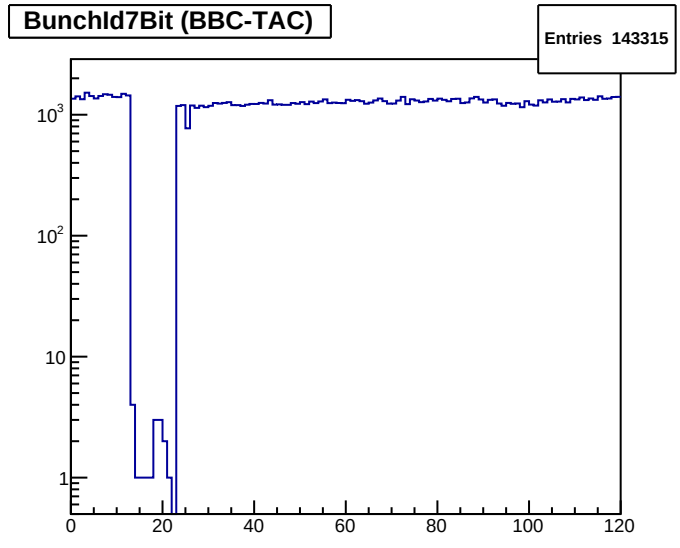
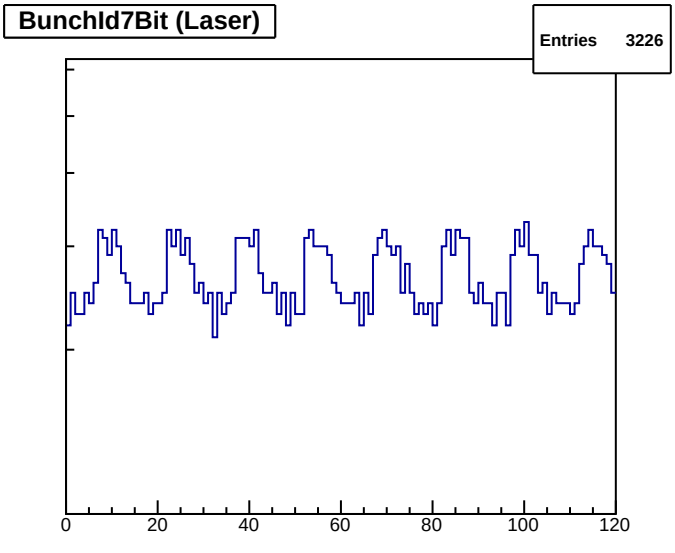
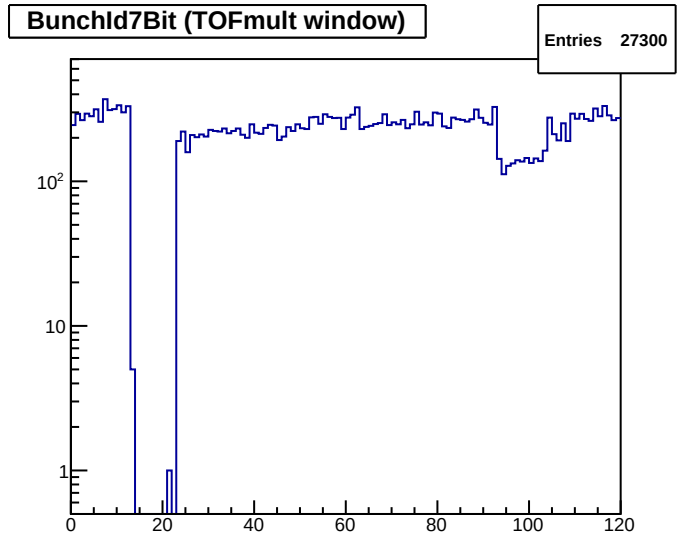

BunchId7Bit (VPD-TAC)
Entries 326359

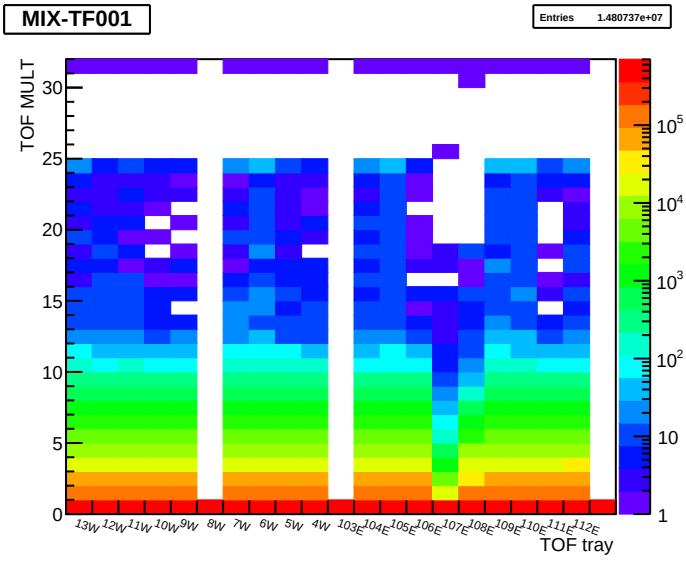

BunchId7Bit (ZDC-TAC)
Entries 618

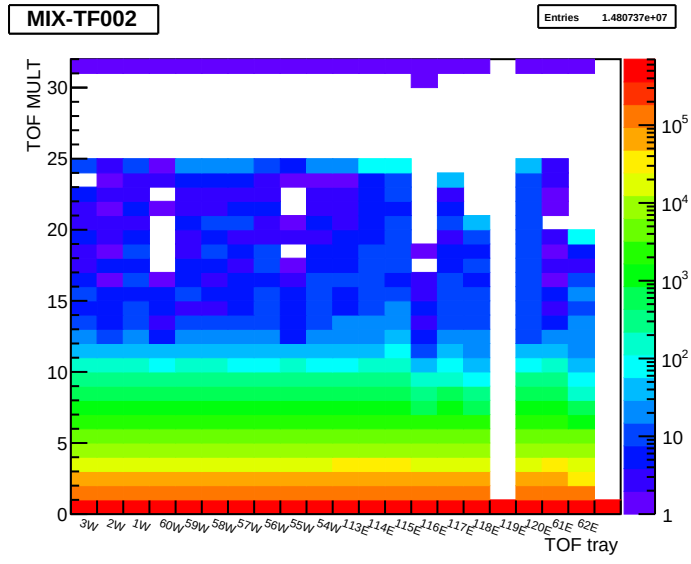

BunchId7Bit (EPD-TAC)
Entries 457733

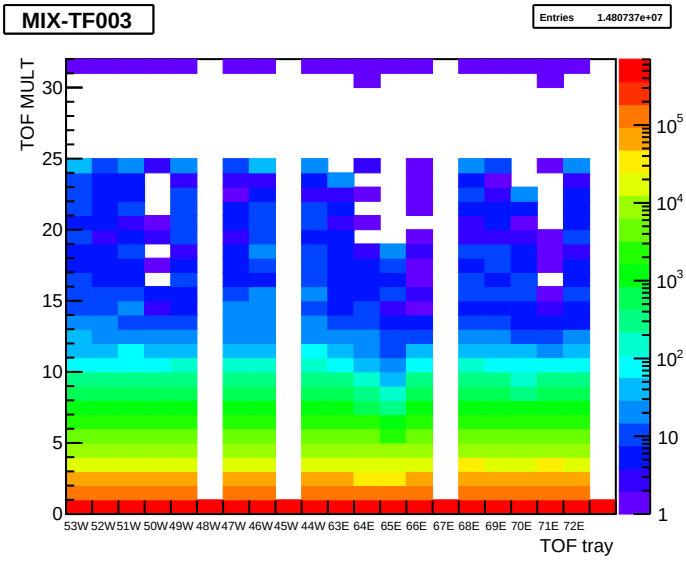

BunchId7Bit (BBC-TAC)
Entries 143315

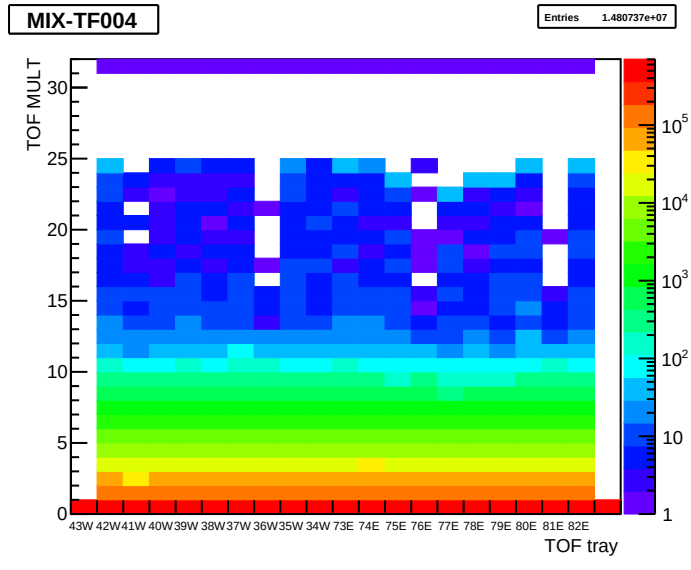

BunchId7Bit (Laser)
Entries 3226

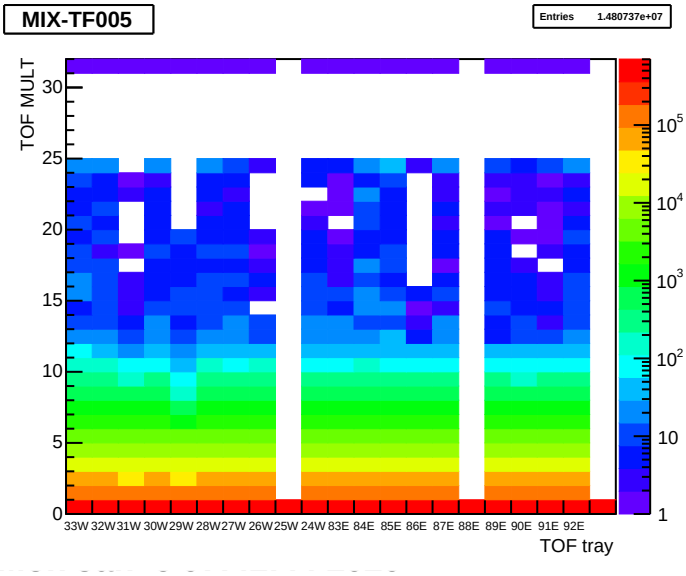

BunchId7Bit (TOFmult window)
Entries 27300

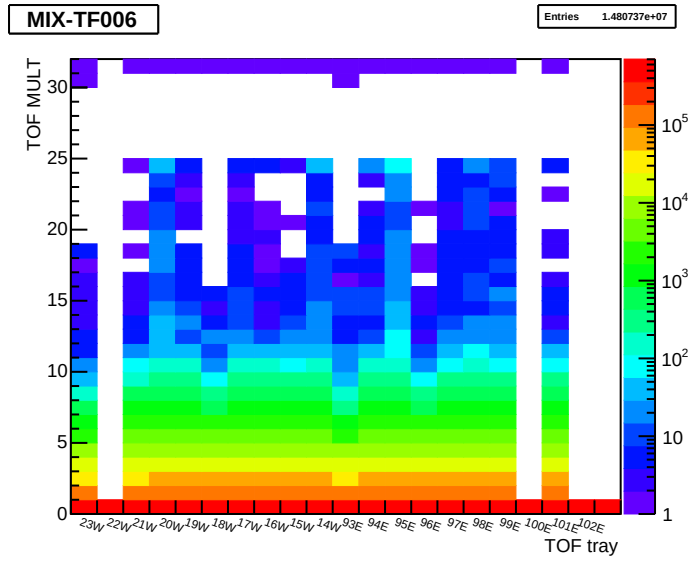

MIX-TF001
Entries 1.480737e+07
TOF MULT
TOF tray

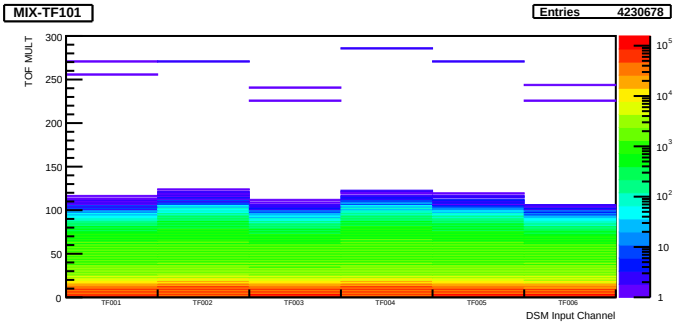

MIX-TF002
Entries 1.480737e+07
TOF MULT
TOF tray

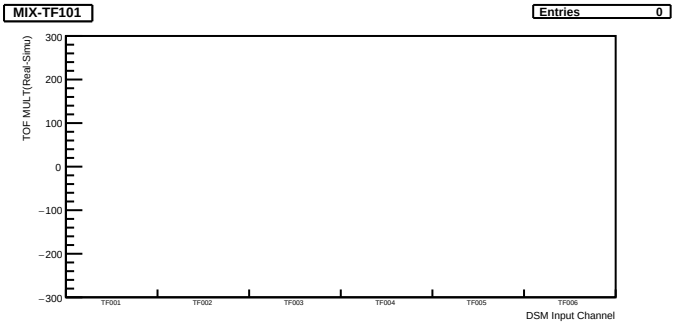

MIX-TF003
Entries 1.480737e+07
TOF MULT
TOF tray

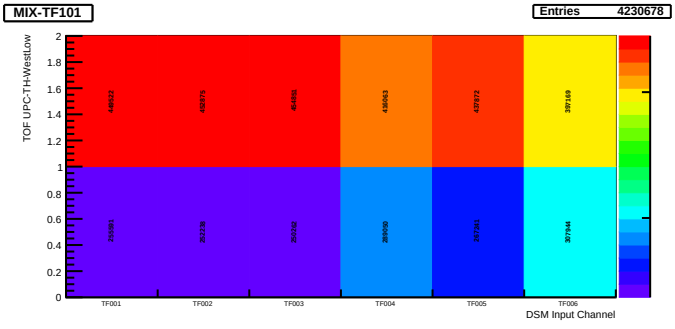

MIX-TF004
Entries 1.480737e+07
TOF MULT
TOF tray

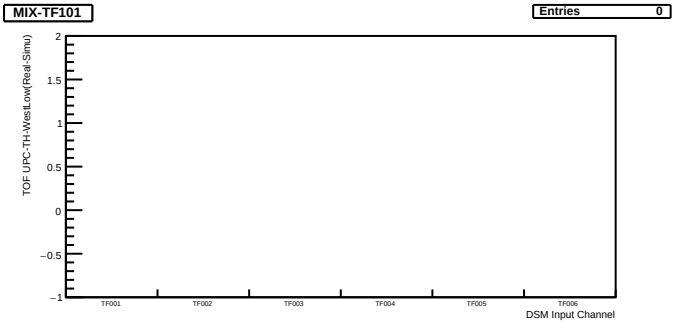

MIX-TF005
Entries 1.480737e+07
TOF MULT
TOF tray

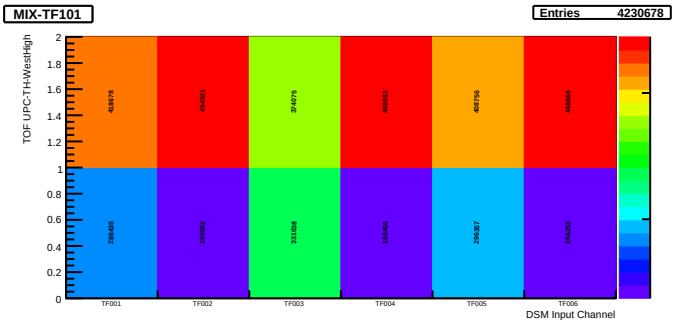

MIX-TF006
Entries 1.480737e+07
TOF MULT
TOF tray

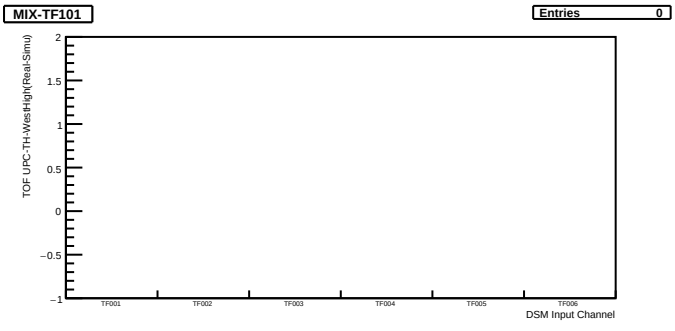

MIX-TF101
Entries 4230678
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

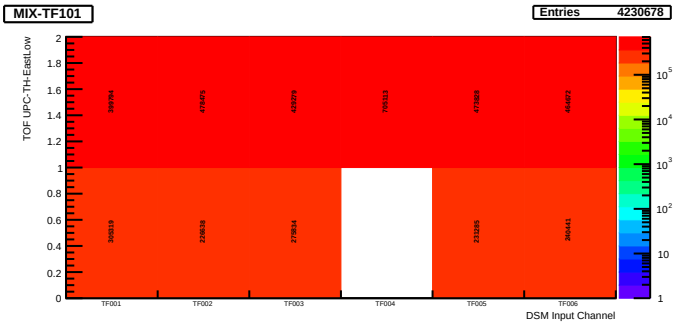

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

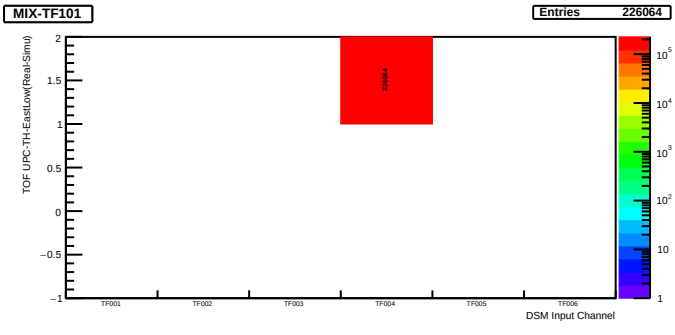

MIX-TF101
Entries 4230678
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

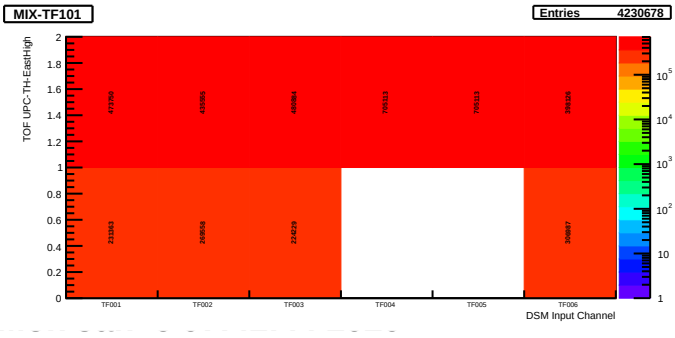

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

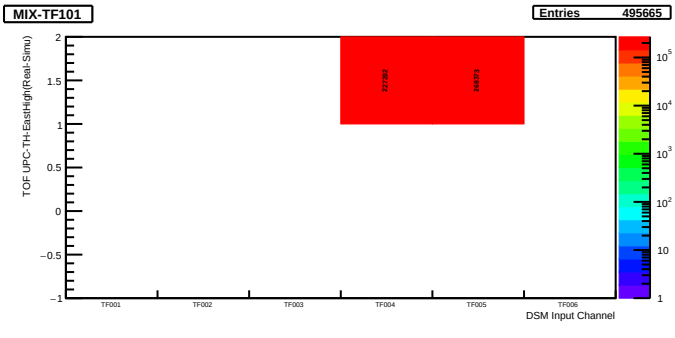

MIX-TF101
Entries 4230678
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

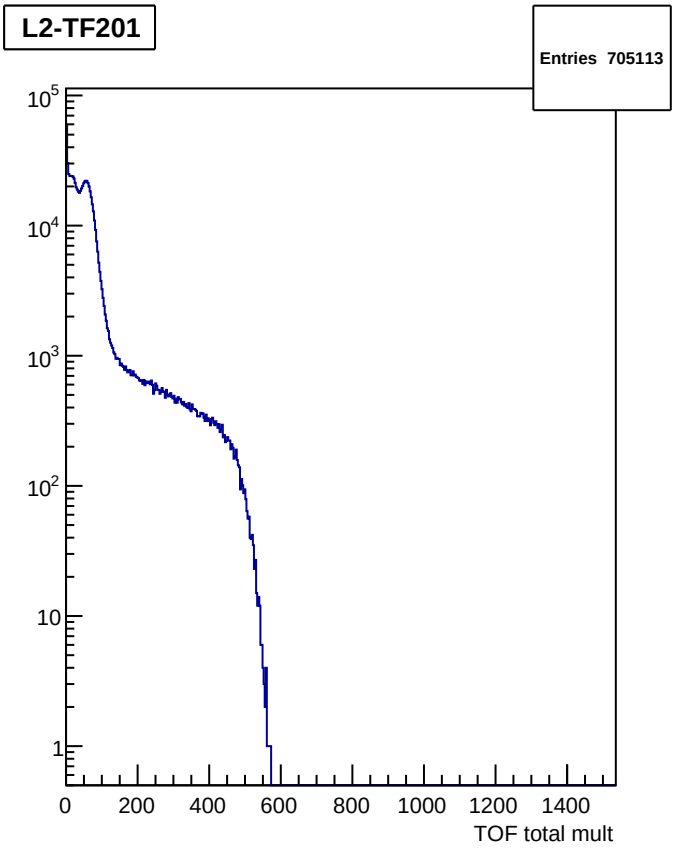

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

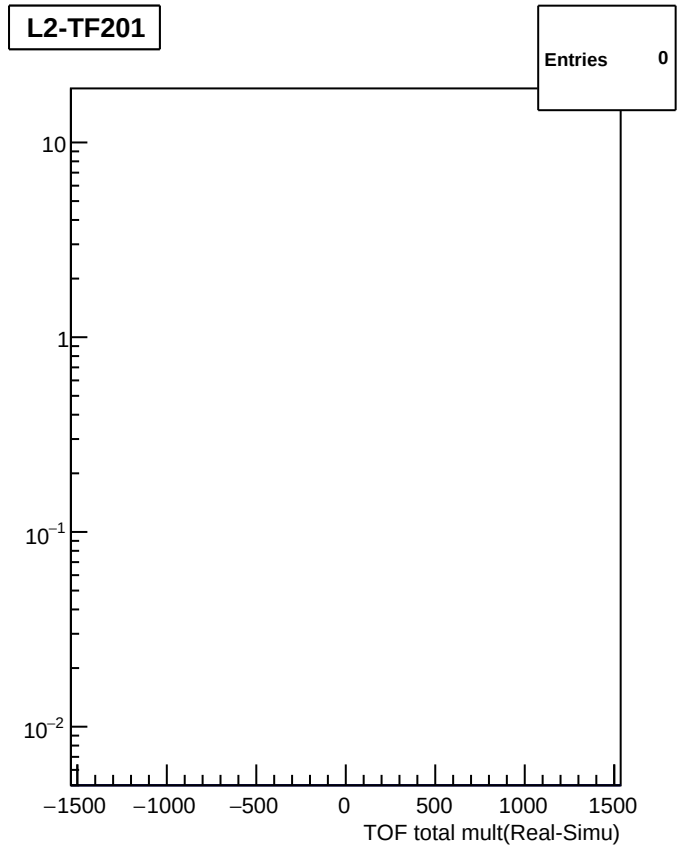

MIX-TF101
Entries 4230678
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

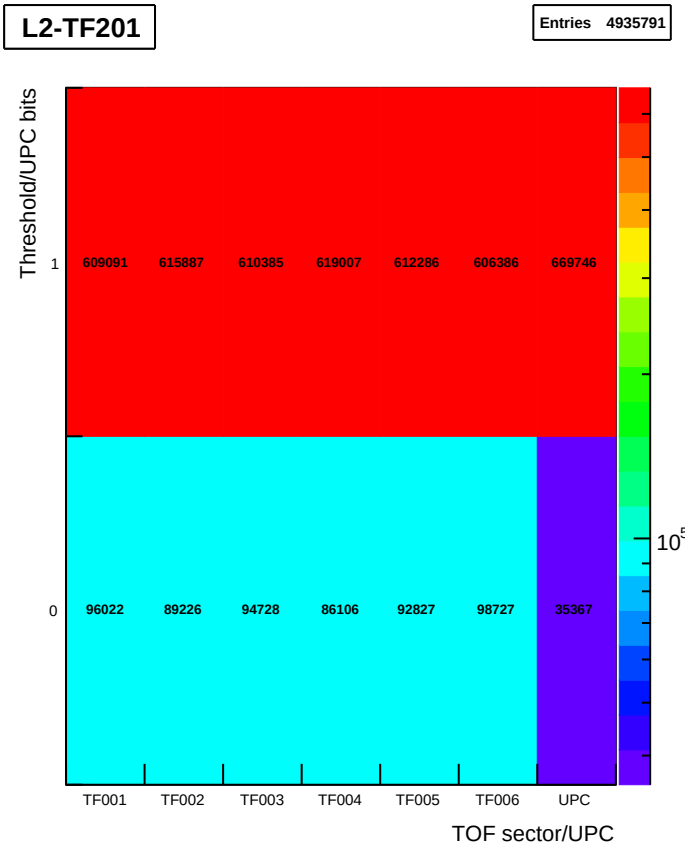

MIX-TF101
Entries 226064
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

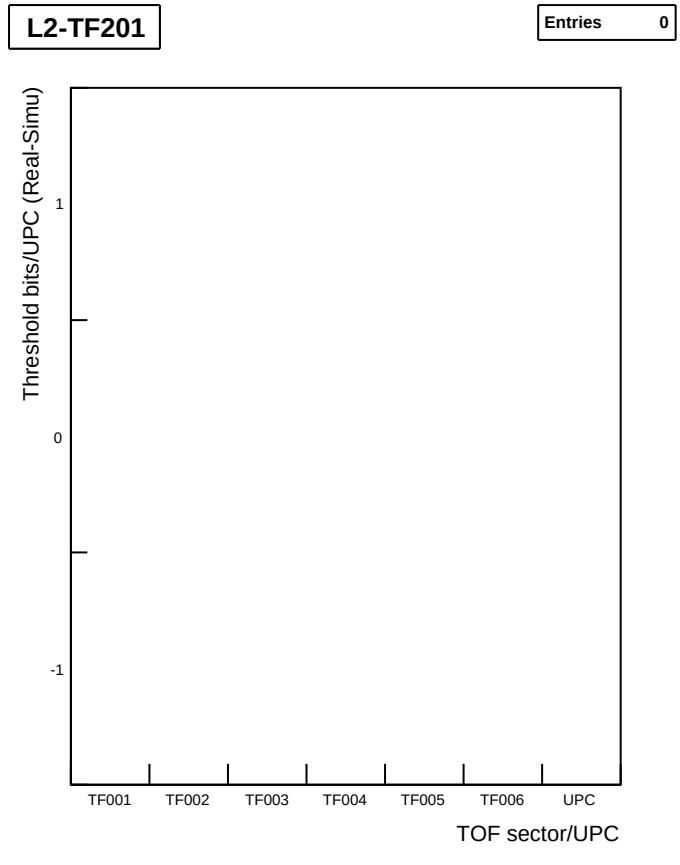

MIX-TF101
Entries 4230678
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

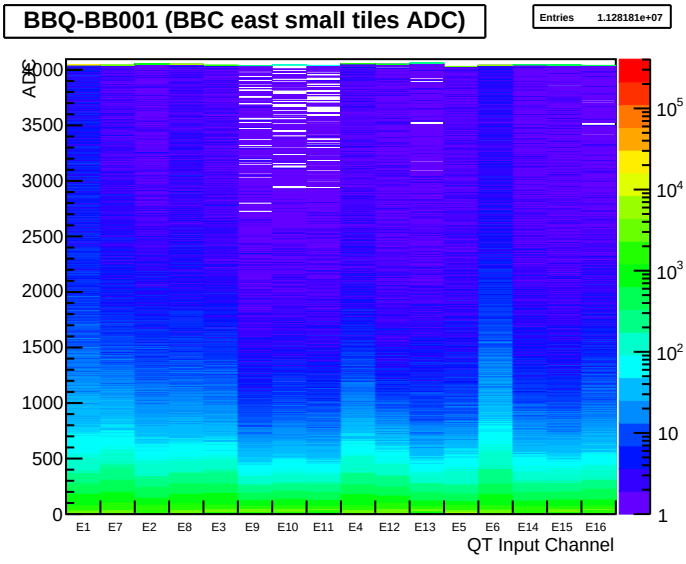

MIX-TF101
Entries 495665
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

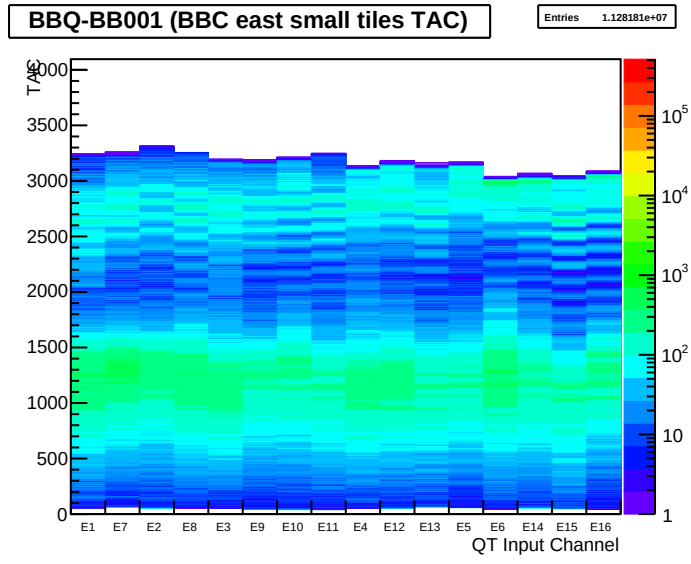

L2-TF201
Entries 705113
TOF total mult

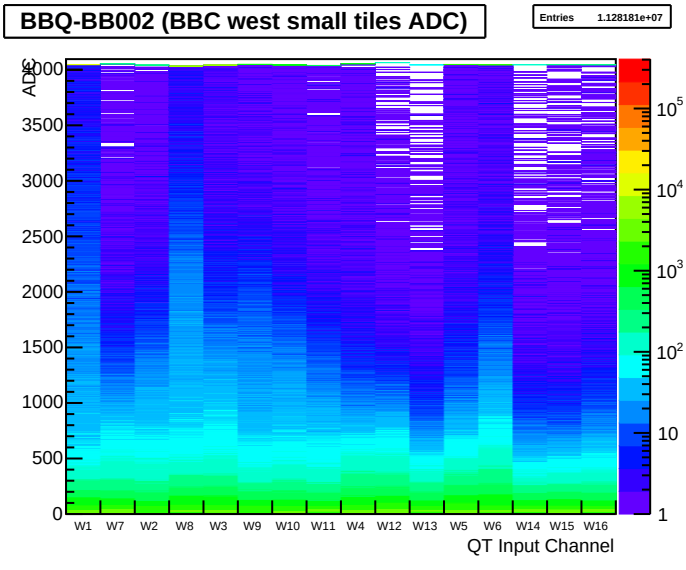

L2-TF201
Entries 0
TOF total mult(Real-Simu)

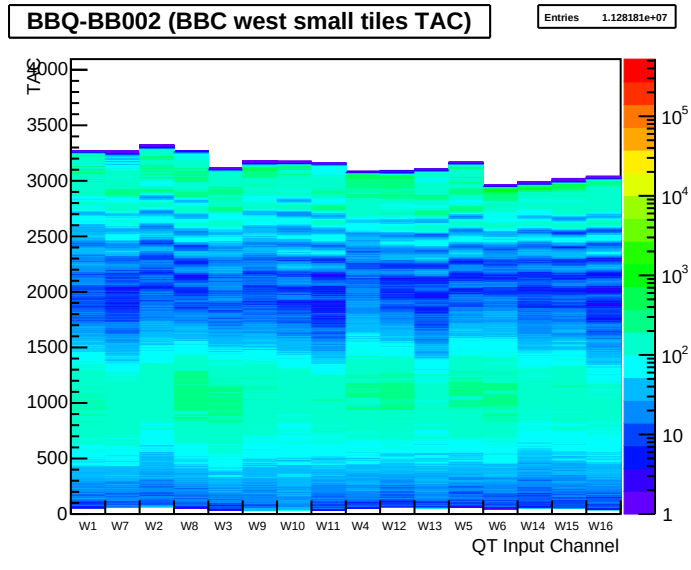

L2-TF201
Entries 4935791
Threshold/UPC bits
609091 615887 610385 619007 612286 606386 669746
96022 89226 94728 86106 92827 98727 35367
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

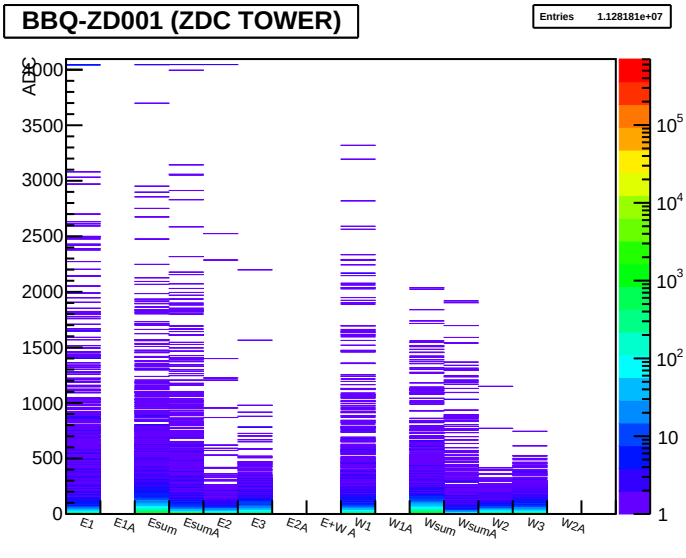

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

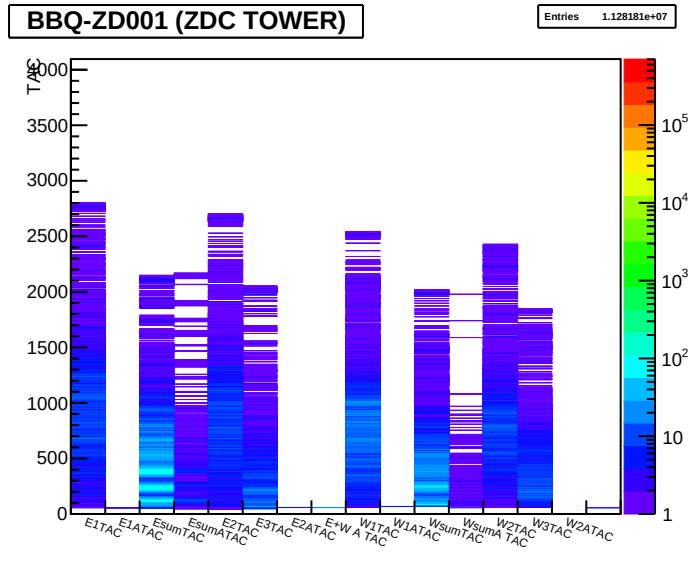

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.128181e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

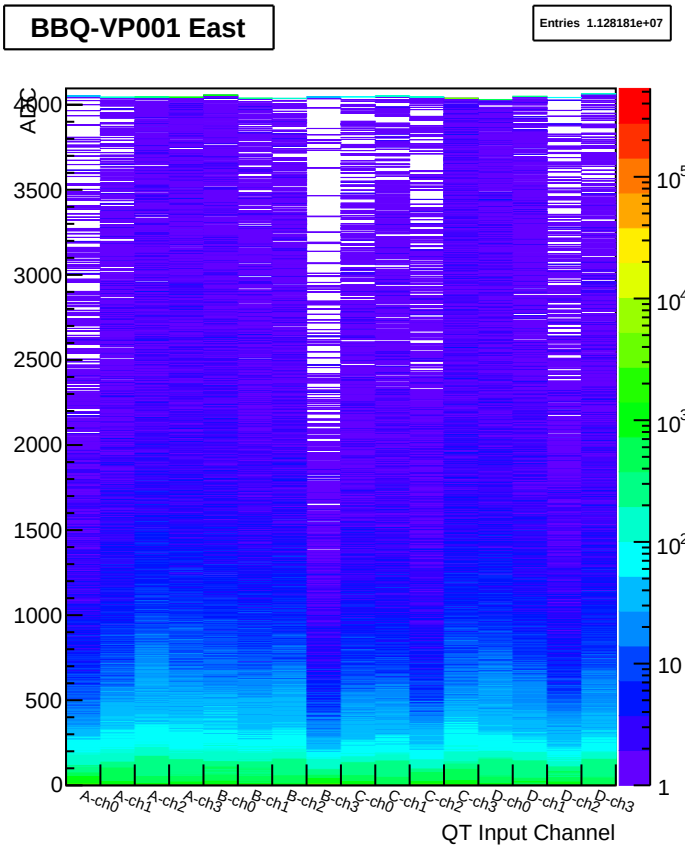

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.128181e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

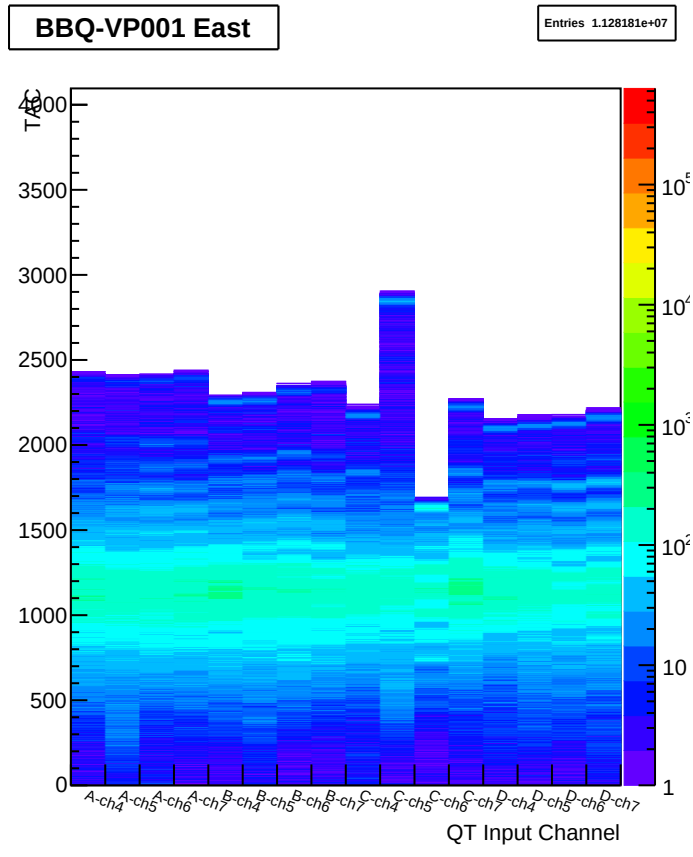

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.128181e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

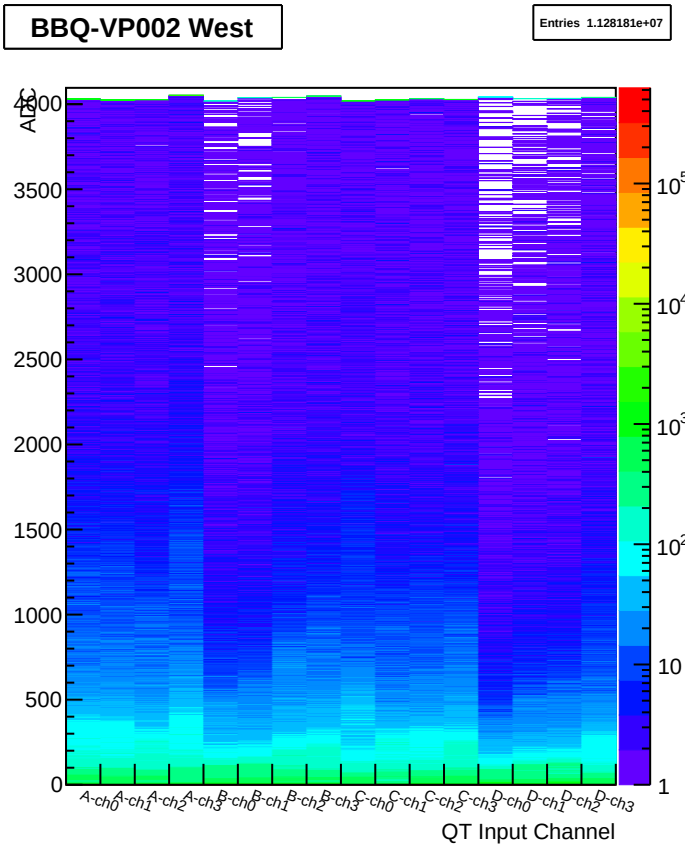

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.128181e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

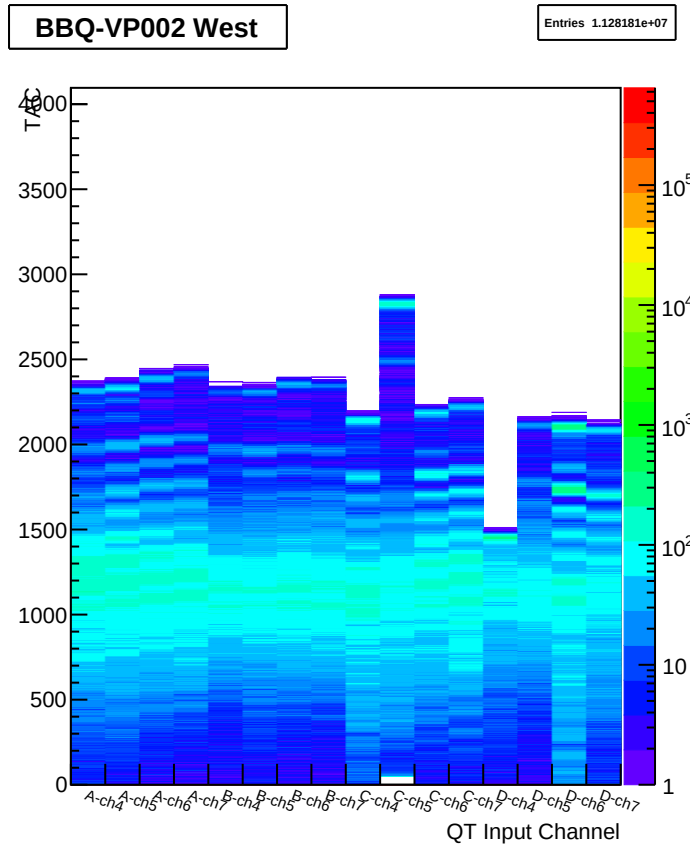

BBQ-ZD001 (ZDC TOWER)
Entries 1.128181e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

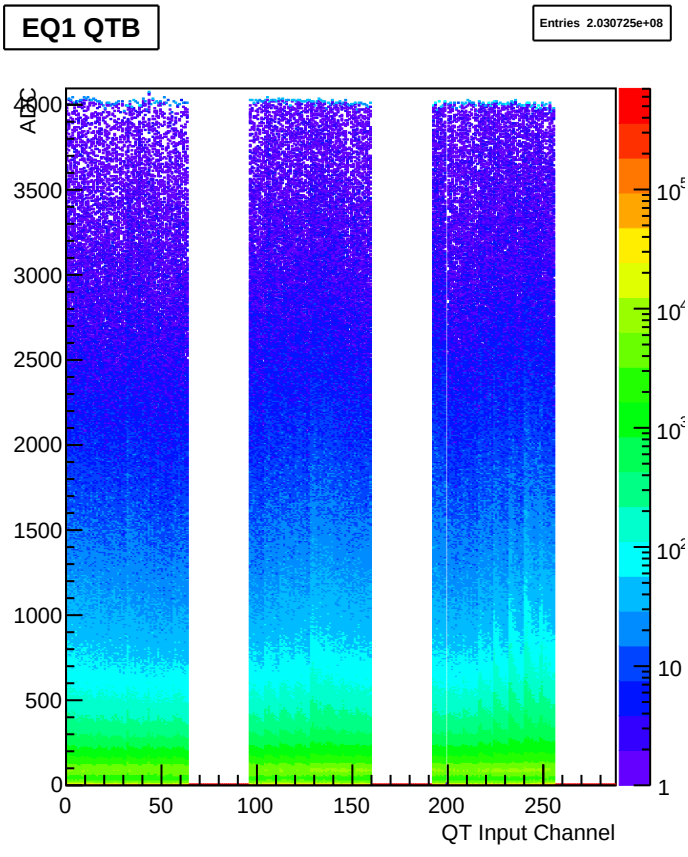

BBQ-ZD001 (ZDC TOWER)
Entries 1.128181e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

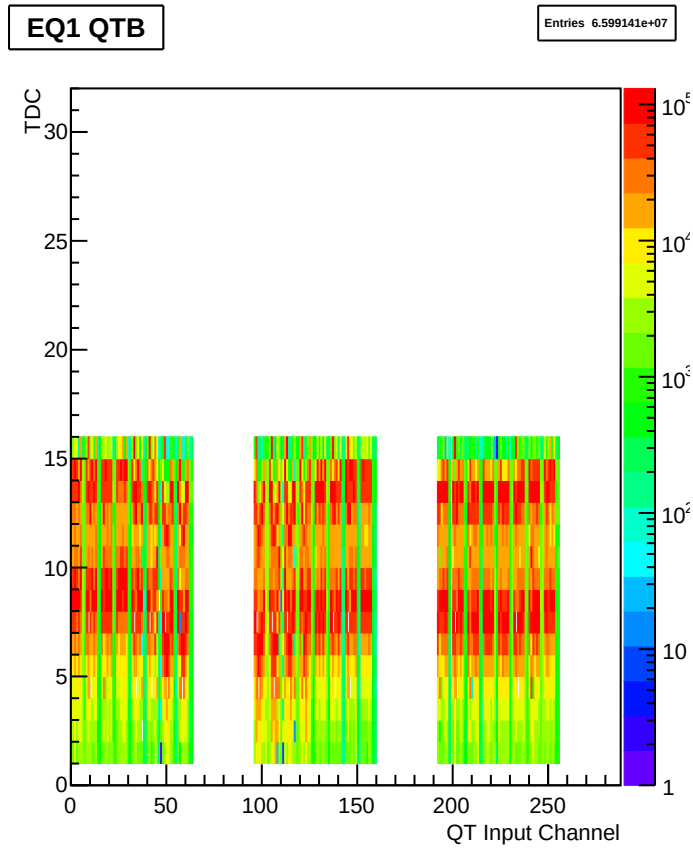

BBQ-VP001 East
Entries 1.128181e+07
ADC
QT Input Channel

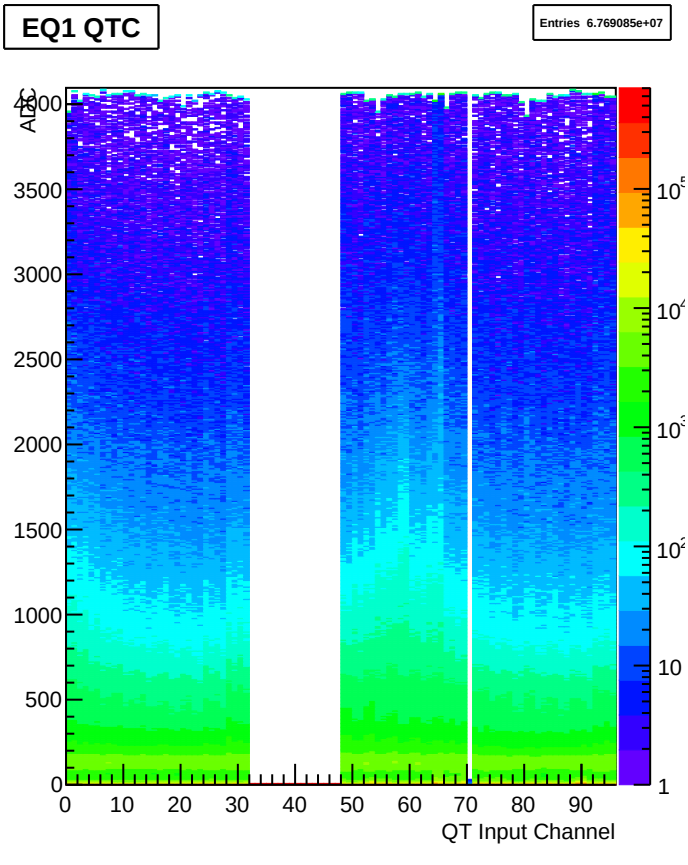

BBQ-VP001 East
Entries 1.128181e+07
ADC
QT Input Channel

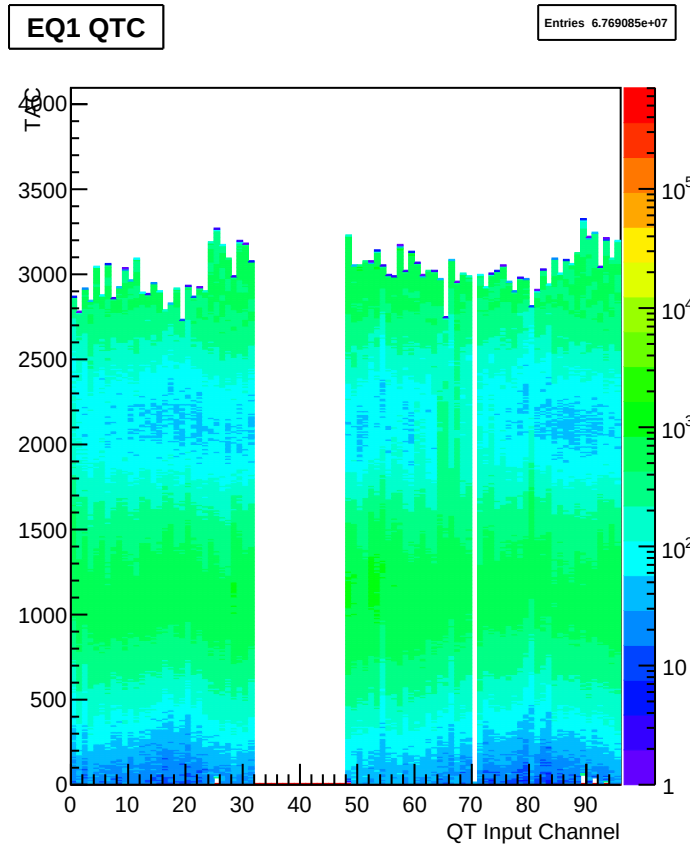

BBQ-VP002 West
Entries 1.128181e+07
ADC
QT Input Channel

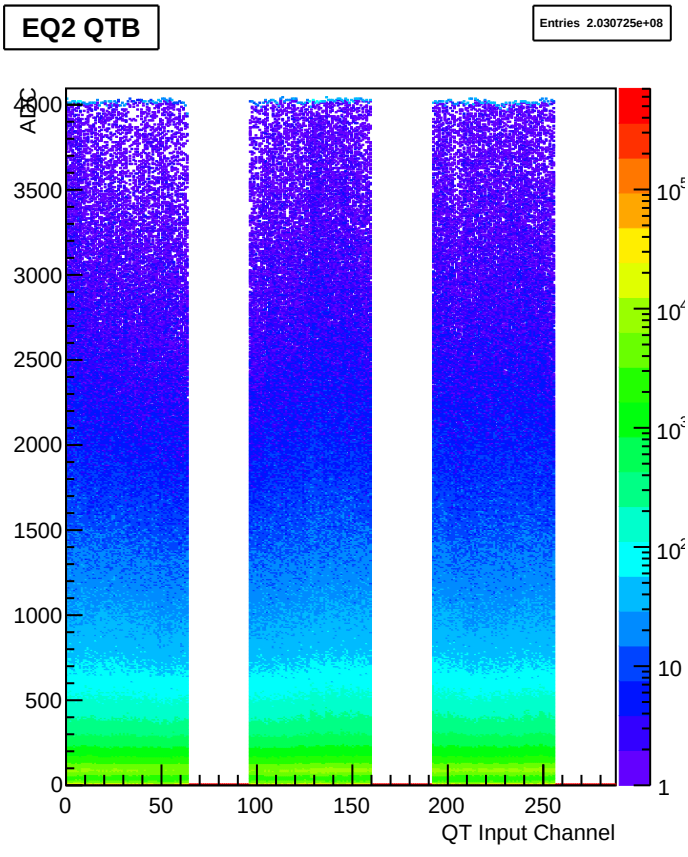

BBQ-VP002 West
Entries 1.128181e+07
ADC
QT Input Channel

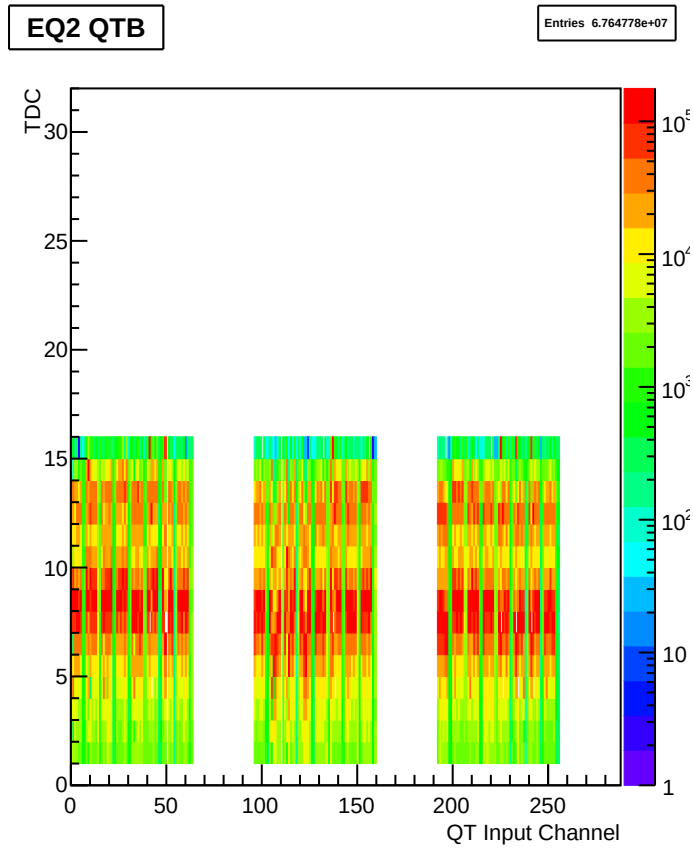

EQ1 QTB
Entries 2.030725e+08
ADC
QT Input Channel

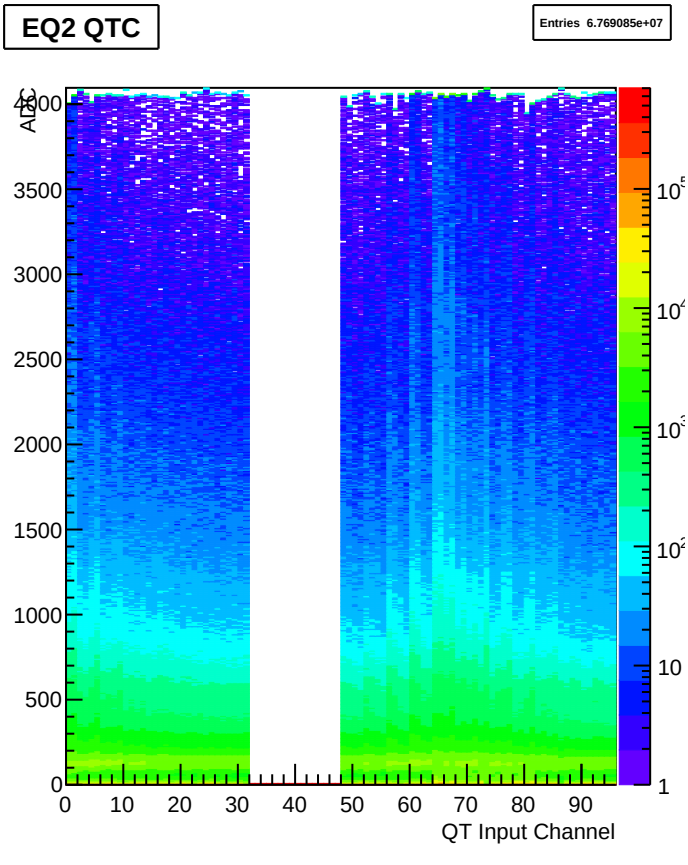

EQ1 QTB
Entries 6.599141e+07
TDC
QT Input Channel

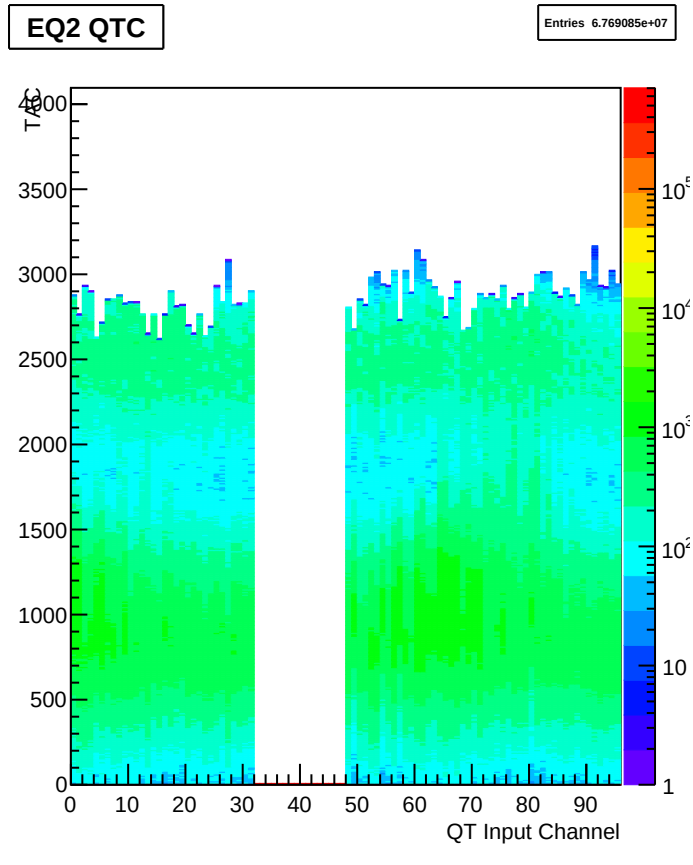

EQ1 QTC
Entries 6.769085e+07
ADC
QT Input Channel

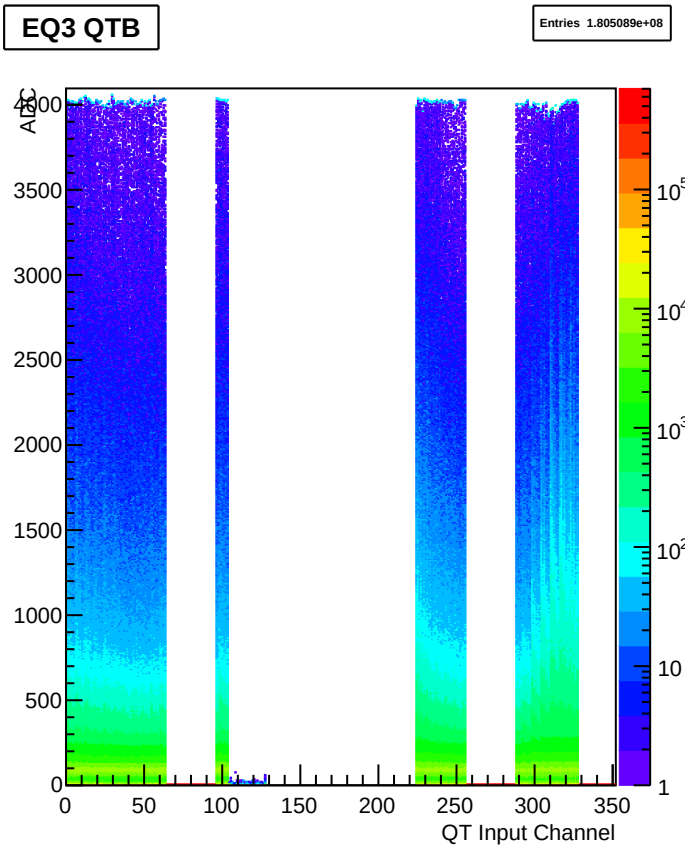

EQ1 QTC
Entries 6.769085e+07
TADC
QT Input Channel

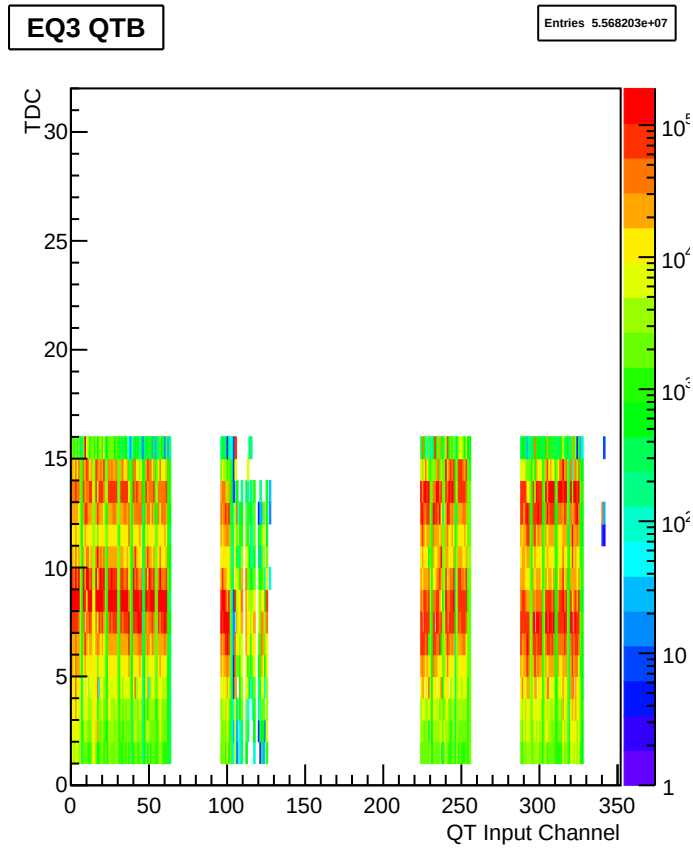

EQ2 QTB
Entries 2.030725e+08
ADC
QT Input Channel

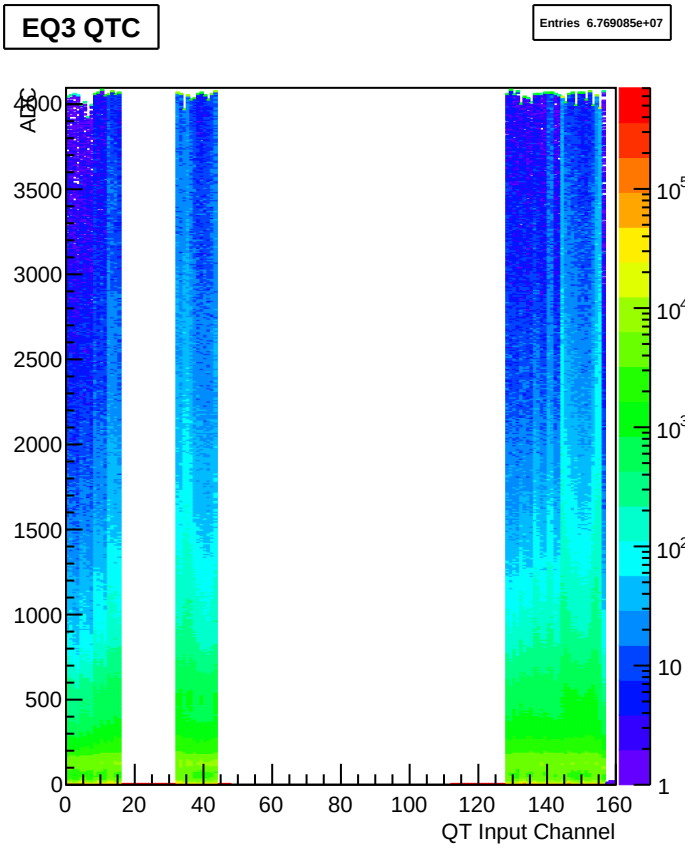

EQ2 QTB
Entries 6.764778e+07
TDC
QT Input Channel

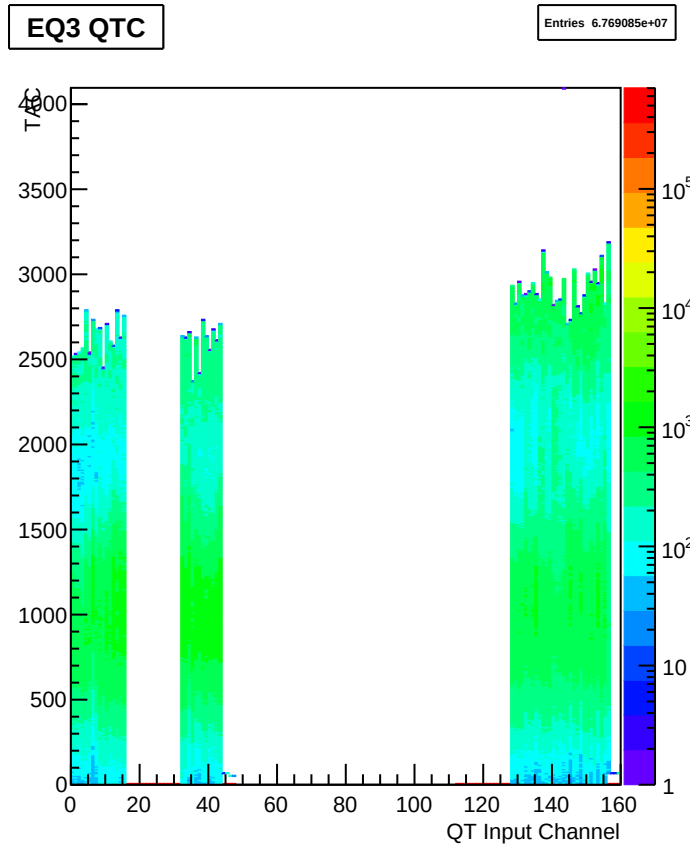

EQ2 QTC
Entries 6.769085e+07
ADC
QT Input Channel

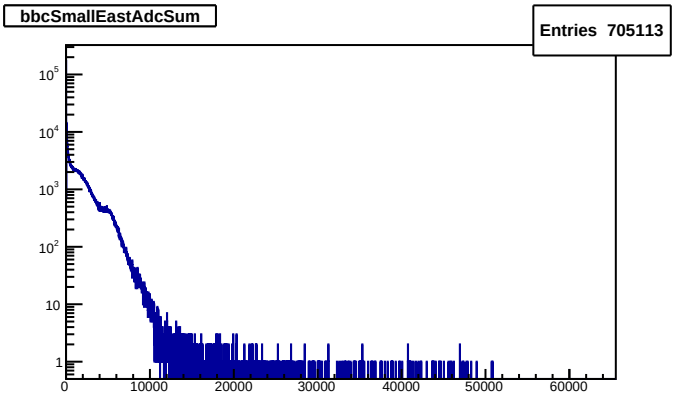

EQ2 QTC
Entries 6.769085e+07
TADC
QT Input Channel

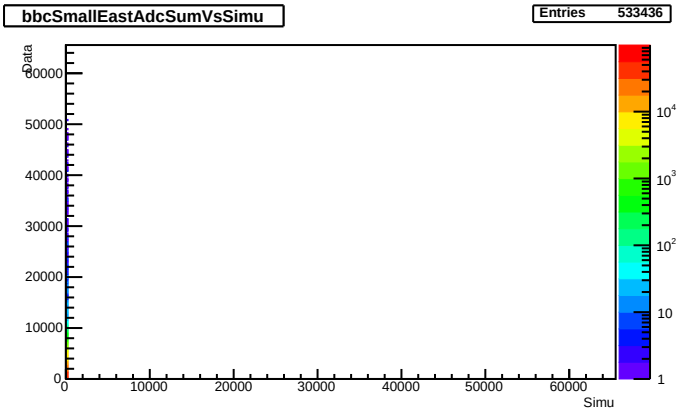

EQ3 QTB
Entries 1.805089e+08
ADC
QT Input Channel

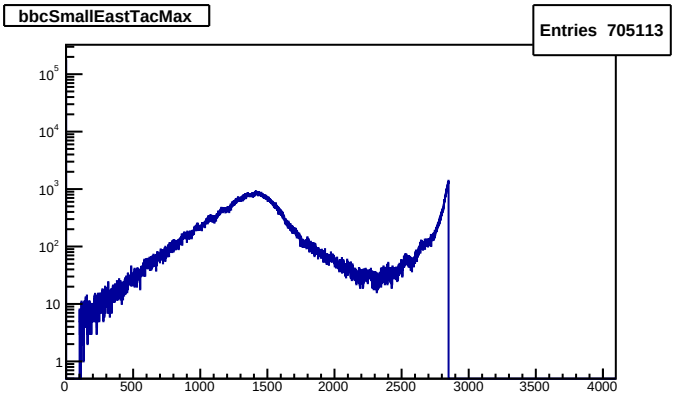

EQ3 QTB
Entries 5.568203e+07
TDC
QT Input Channel

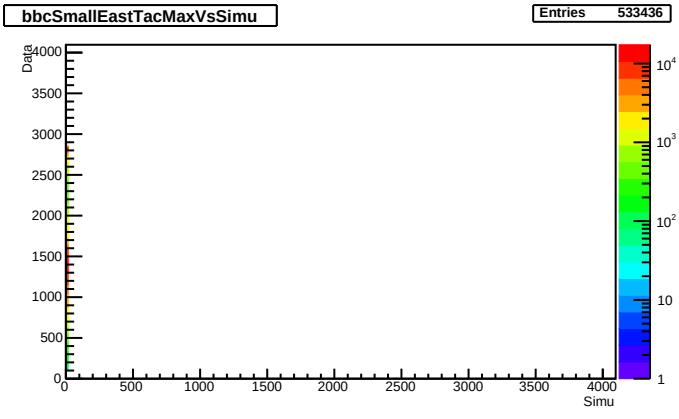

EQ3 QTC
Entries 6.769085e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.769085e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 705113


bbcSmallEastAdcSumVsSimu
Entries 533436
Data
Simu


bbcSmallEastTacMax
Entries 705113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Entries 533436
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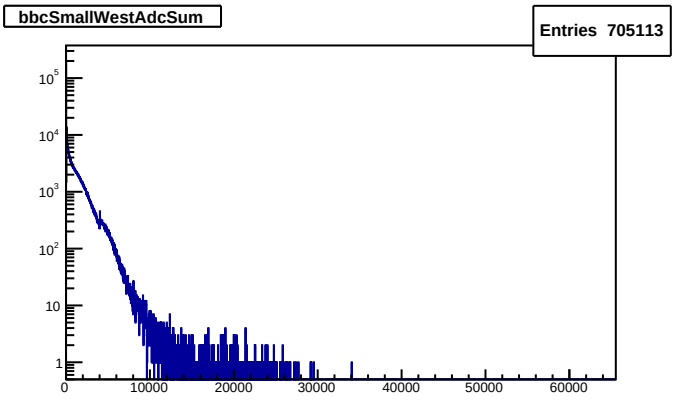
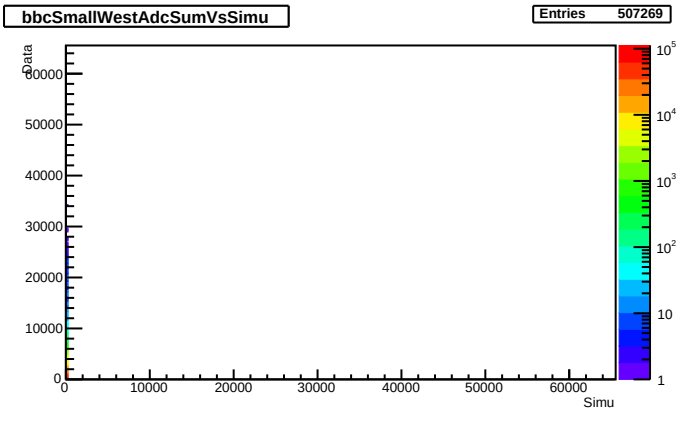

bbcSmallWestAdcSum
Entries 705113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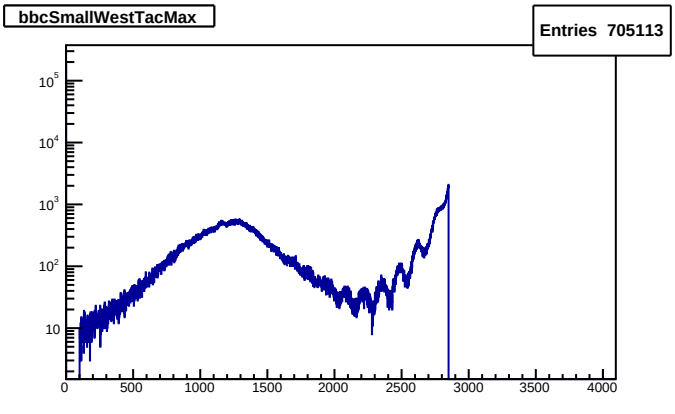
Entries 507269
Data
Simu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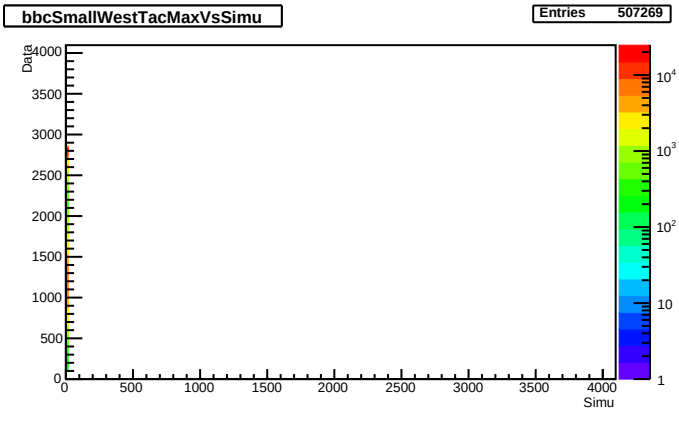
Entries 705113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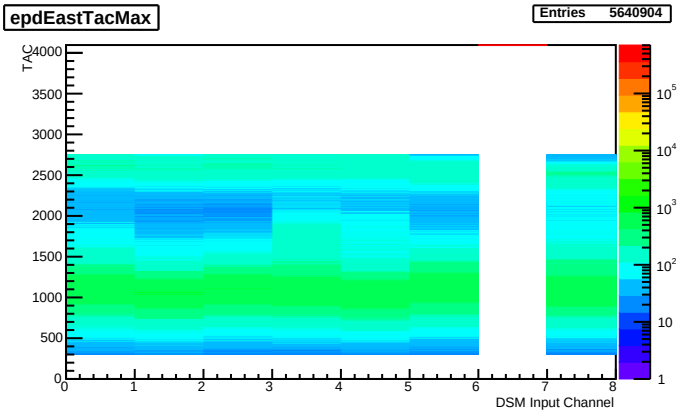
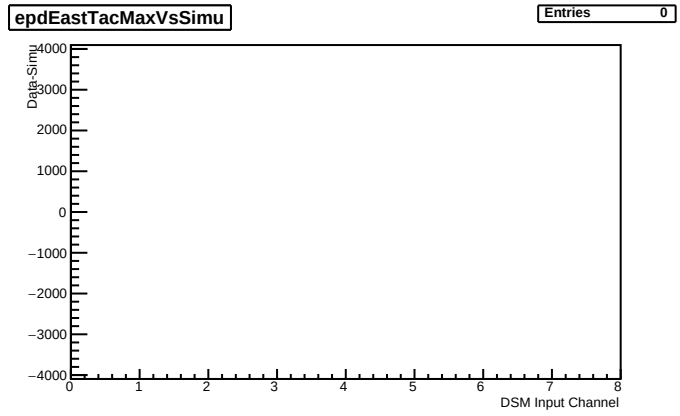
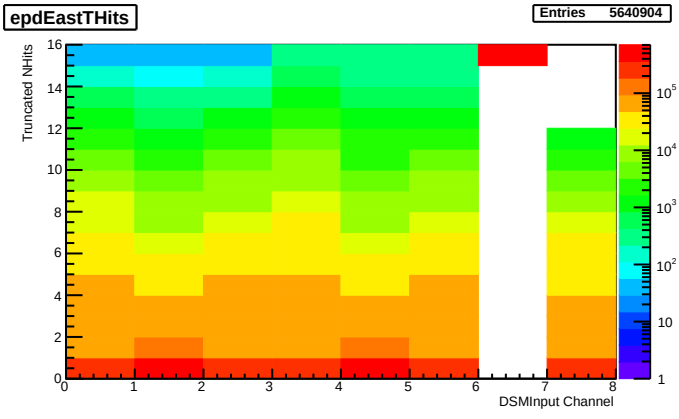
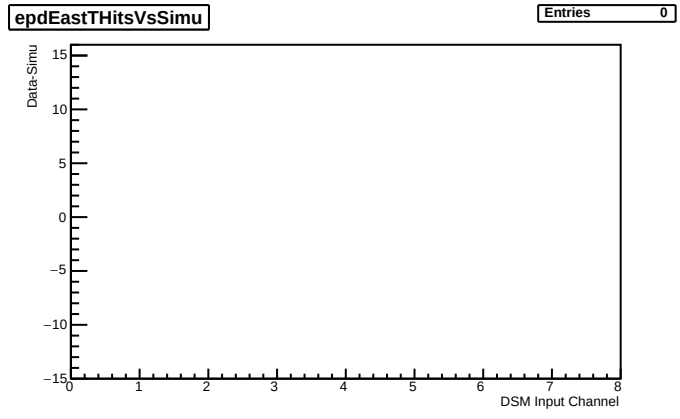
Entries 507269
Data
Simu


epdEastTacMax
Entries 5640904
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5640904
Truncated NHits
DSMInput Channel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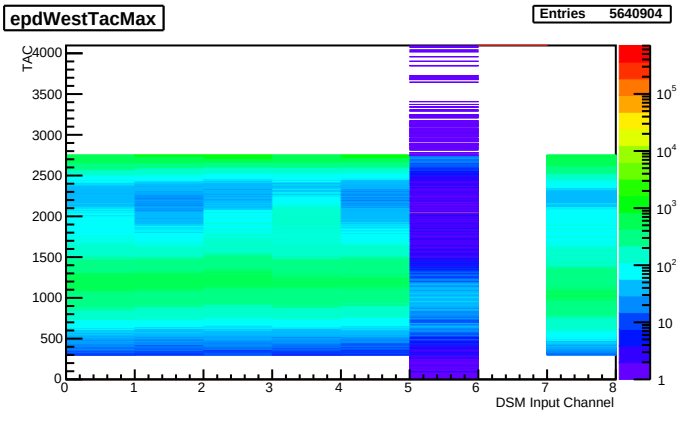
Entries 0
Data-Simu
DSM Input Channel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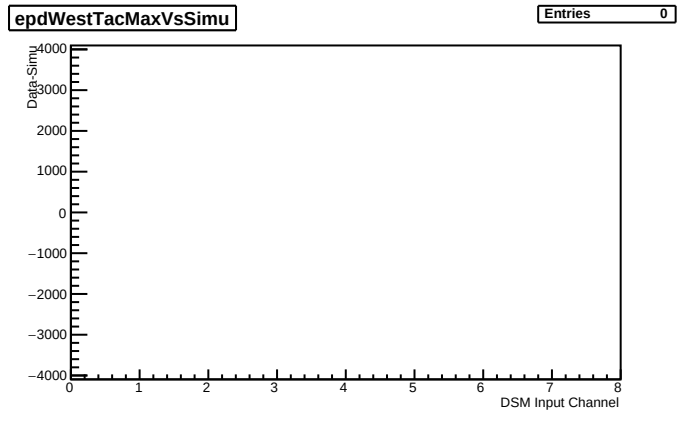
Entries 5640904
TAC
DSM Input Channel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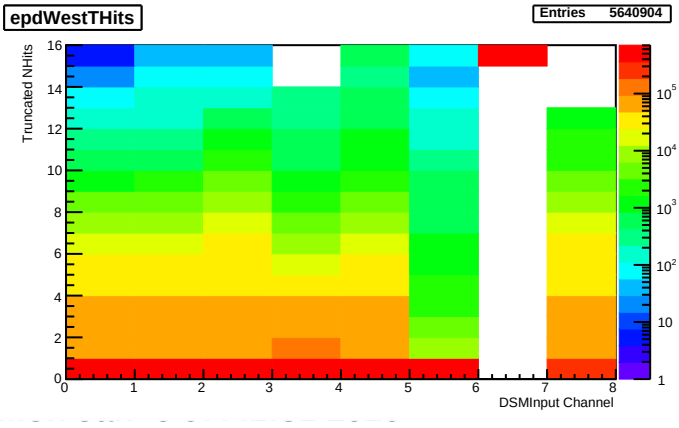
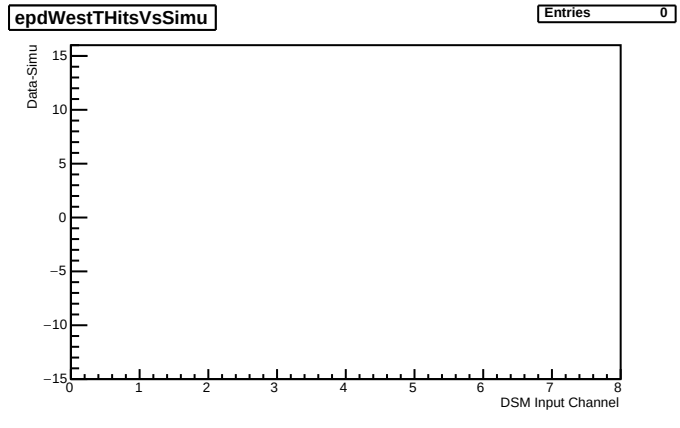
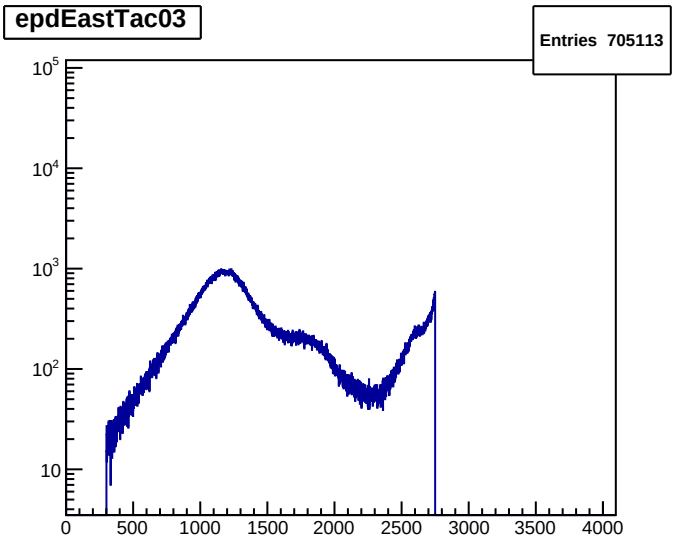
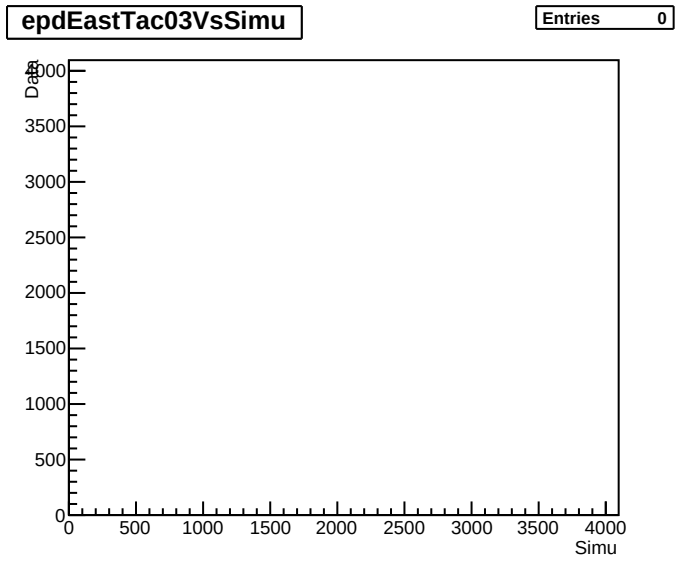
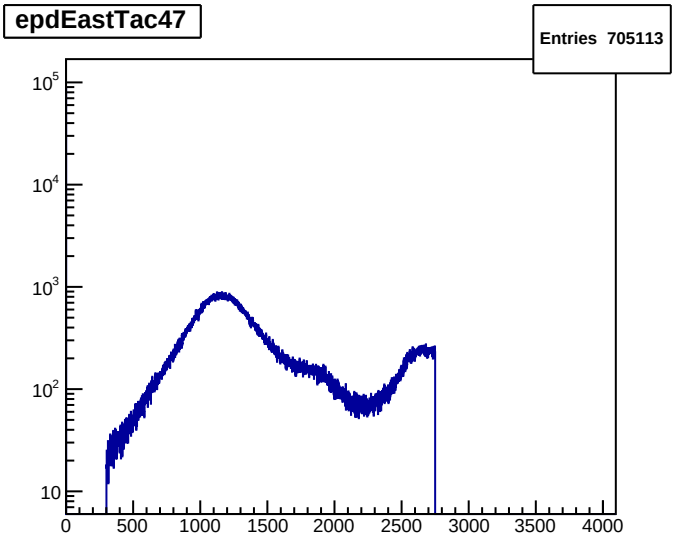
Entries 0
Data-Simu
DSM Input Channel

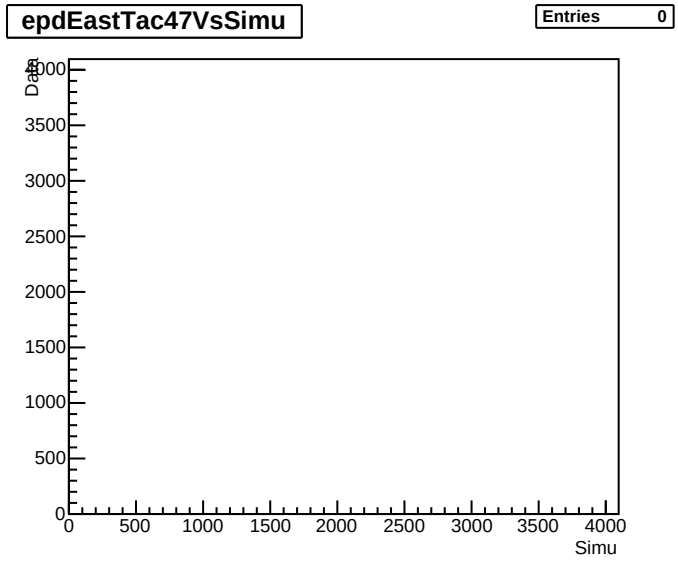

epdWestTHits
Entries 5640904
Truncated NHits
DSMInput Channel

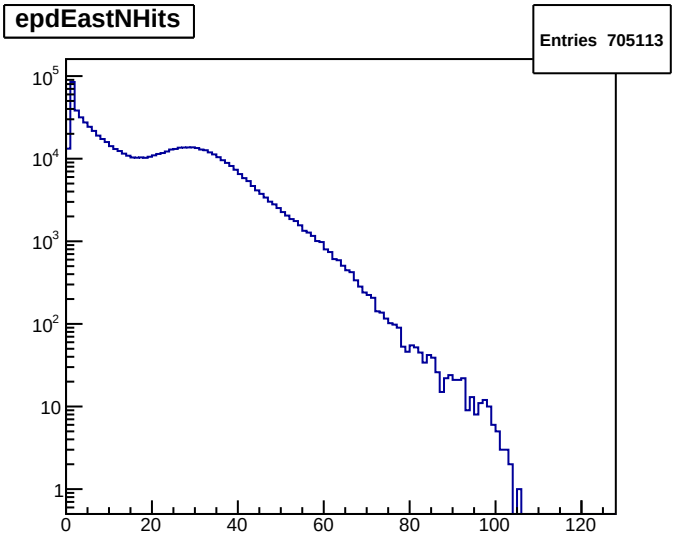

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

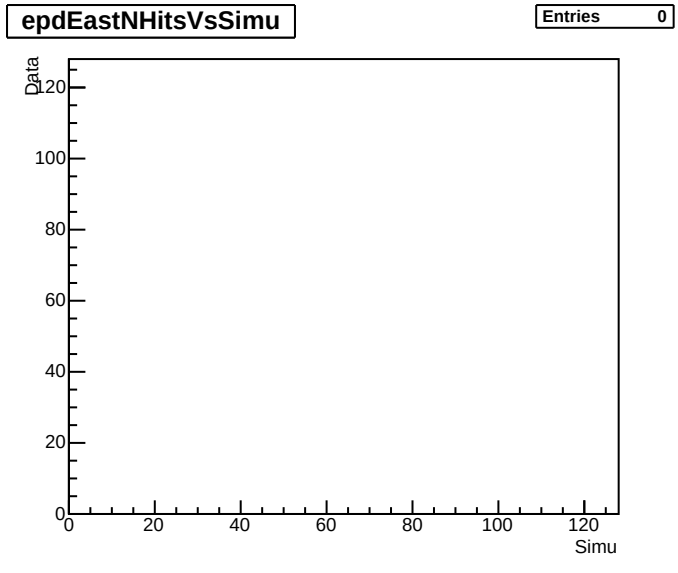

epdEastTac03
Entries 705113

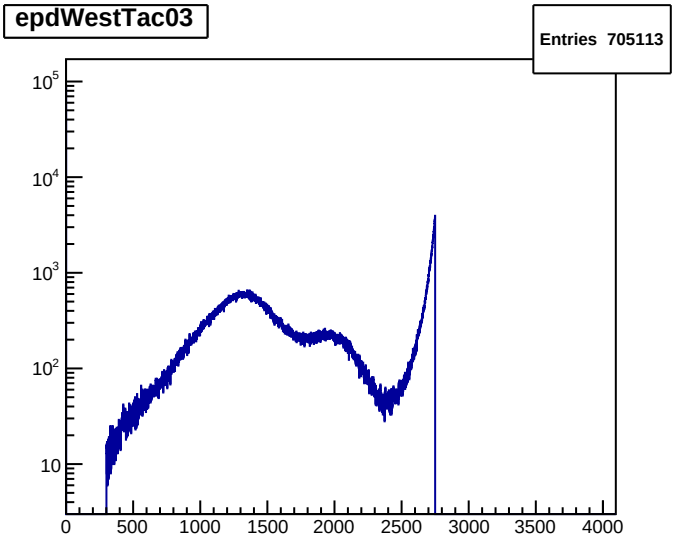

epdEastTac03VsSimu
Entries 0
Data
Simu

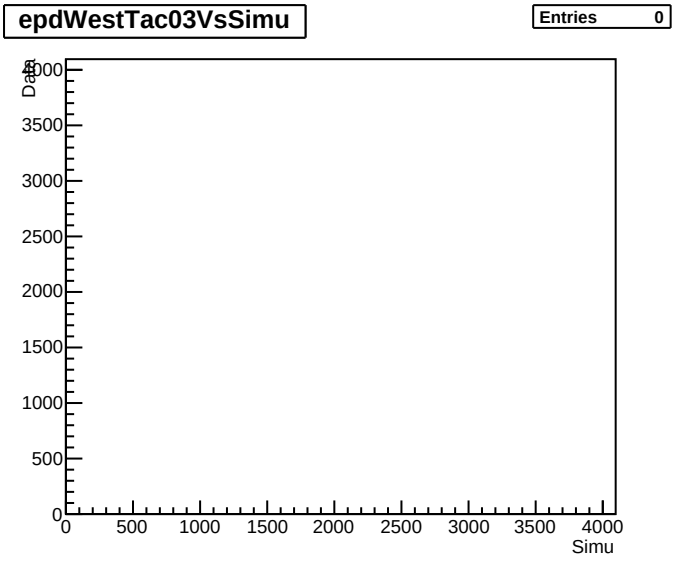

epdEastTac47
Entries 705113


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 705113


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 705113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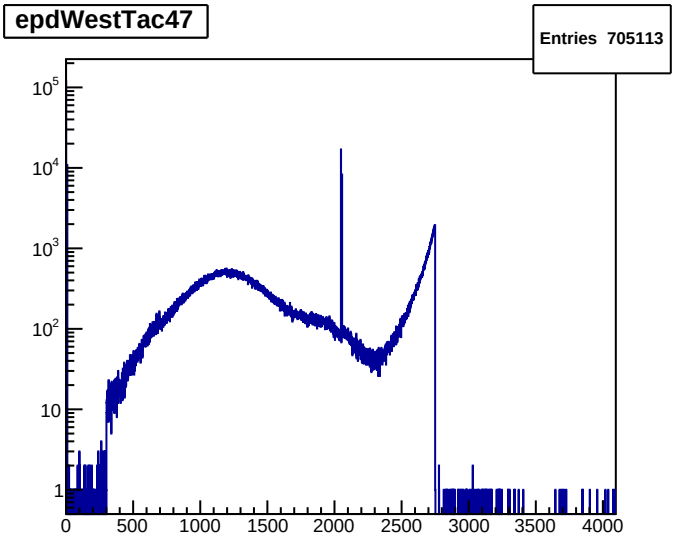
Entries 0
Data
Simu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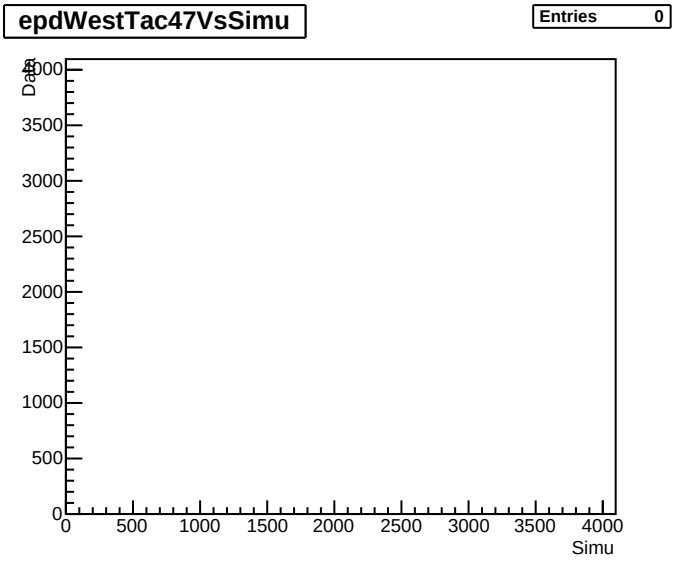
Entries 705113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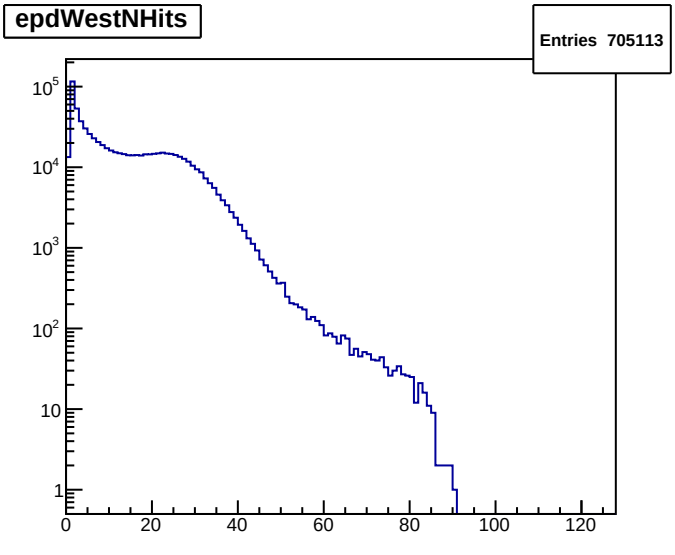
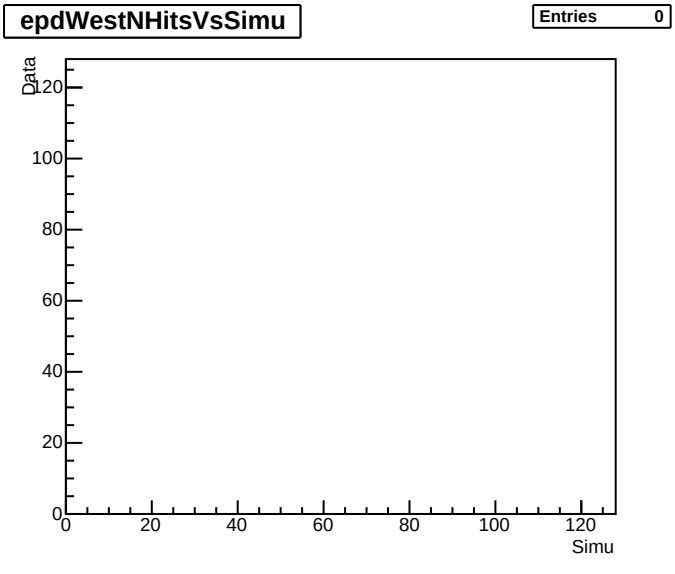
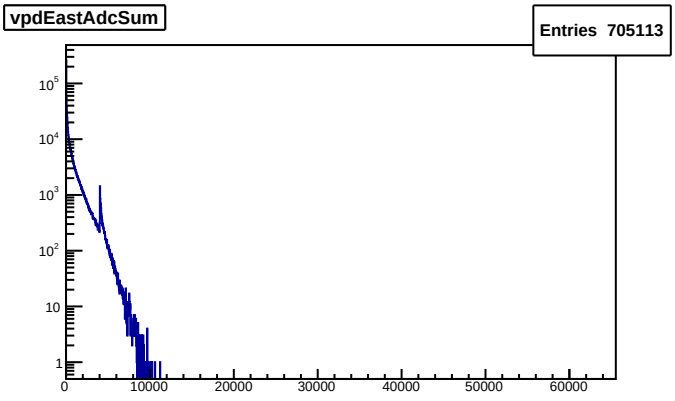
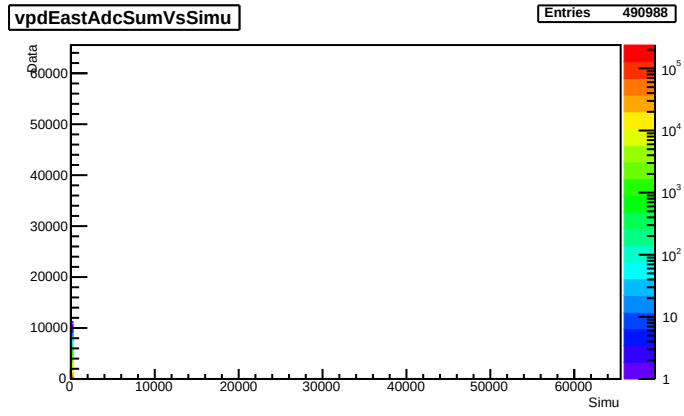
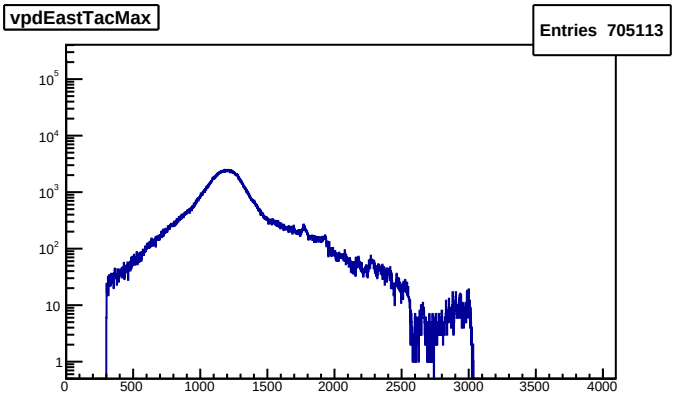
Entries 0
Data
Simu

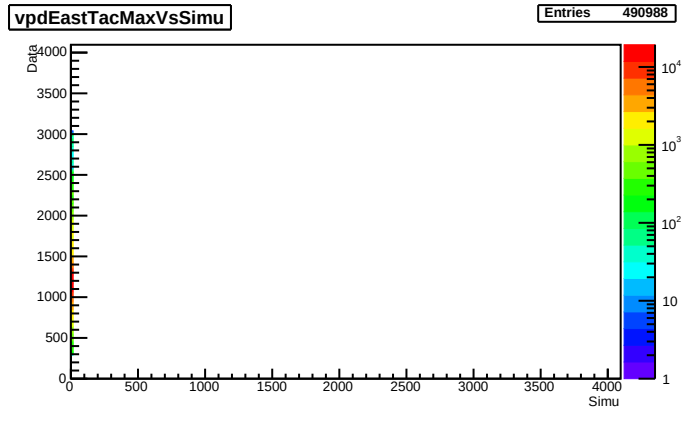

epdWestNHits
Entries 705113

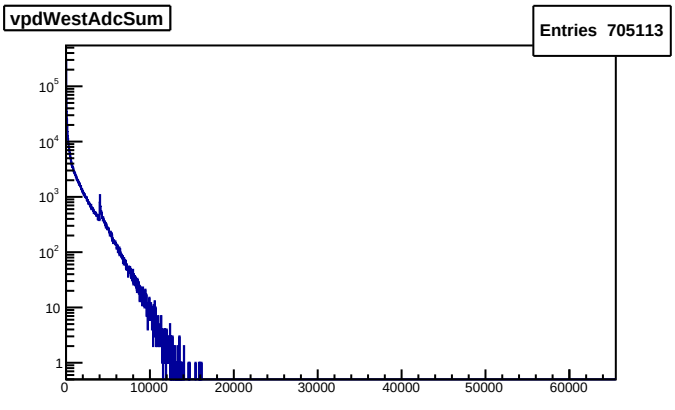

epdWestNHitsVsSimu
Entries 0
Data
Simu

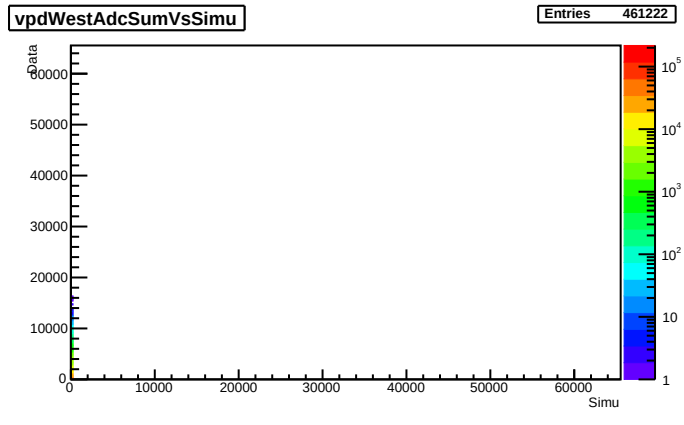

vpdEastAdcSum
Entries 705113

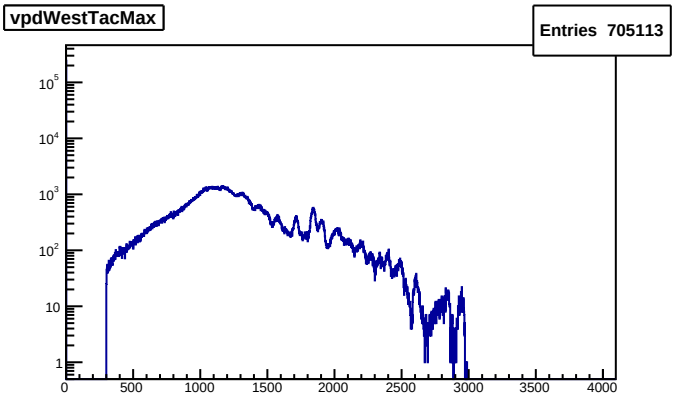

vpdEastAdcSumVsSimu
Entries 490988
Data
Simu

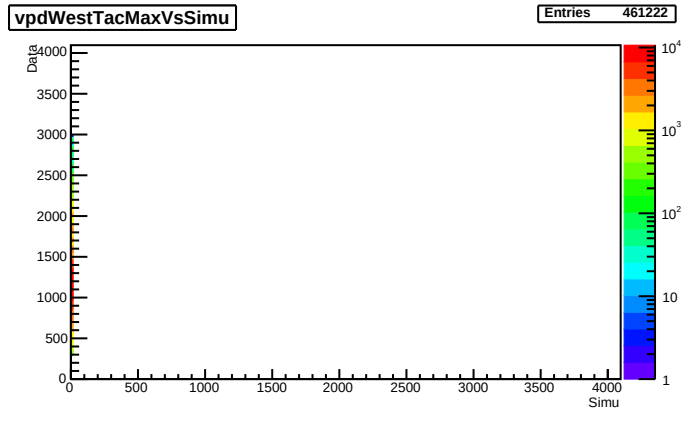

vpdEastTacMax
Entries 705113

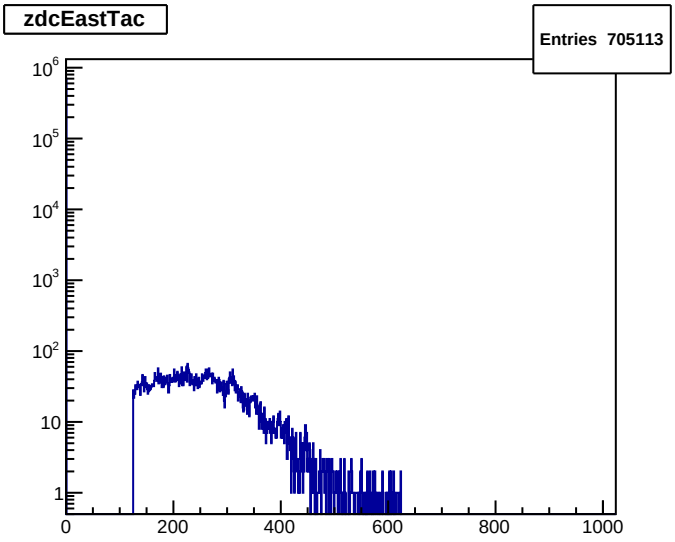

vpdEastTacMaxVsSimu
Entries 490988
Data
Simu

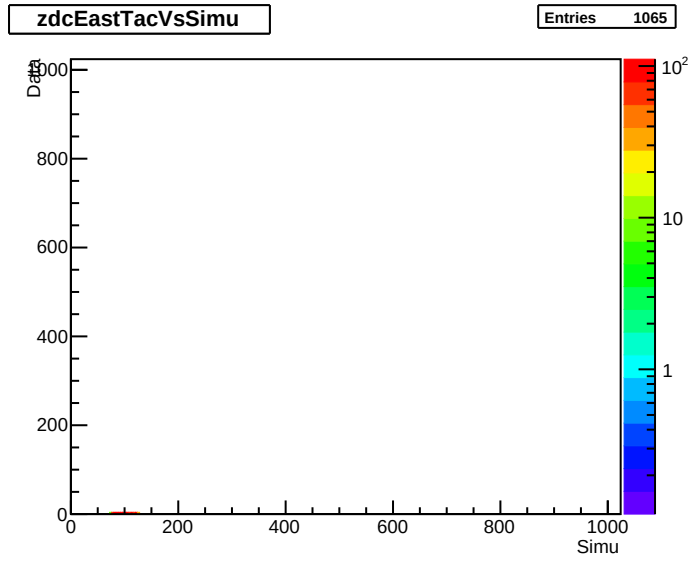

vpdWestAdcSum
Entries 705113

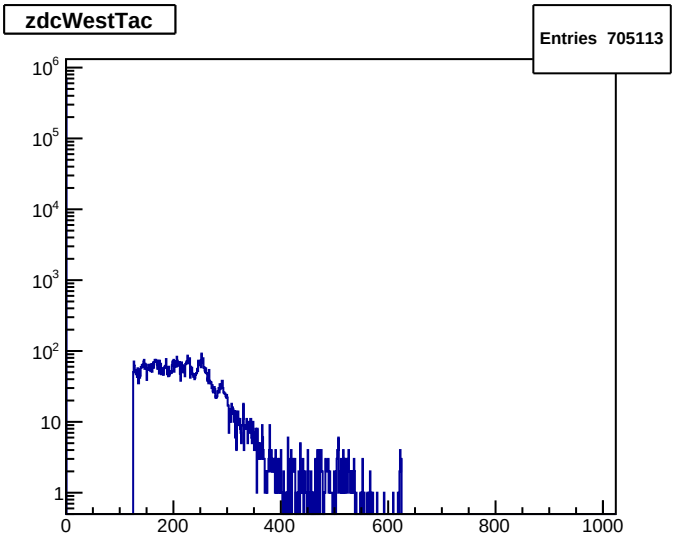

vpdWestAdcSumVsSimu
Entries 461222
Data
Simu

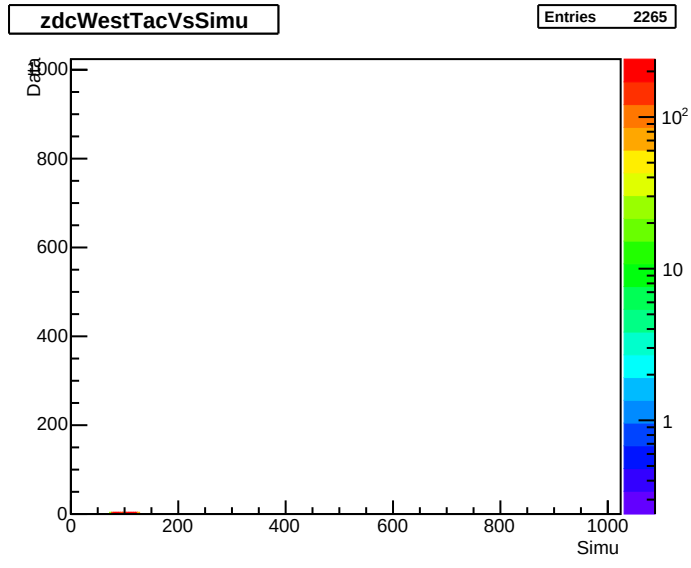

vpdWestTacMax
Entries 705113

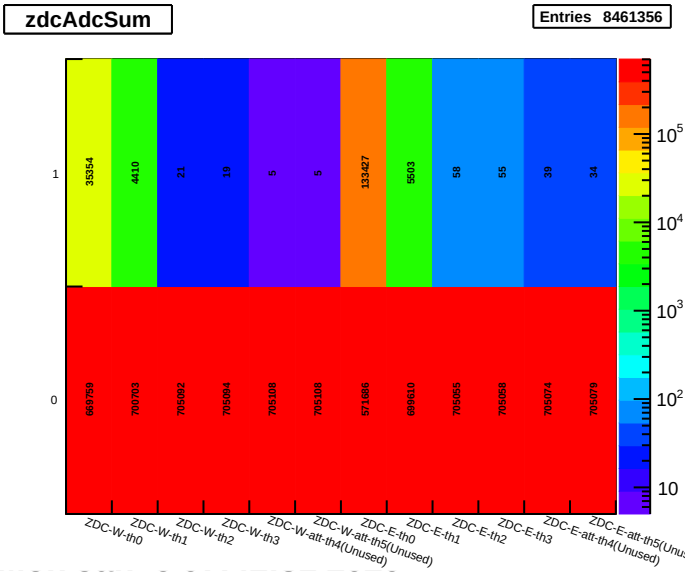

vpdWestTacMaxVsSimu
Entries 461222
Data
Simu

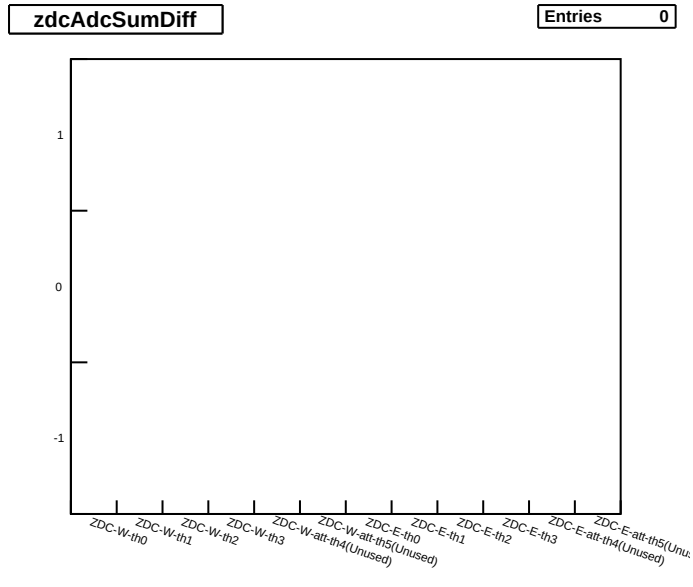

zdcEastTac
Entries 705113

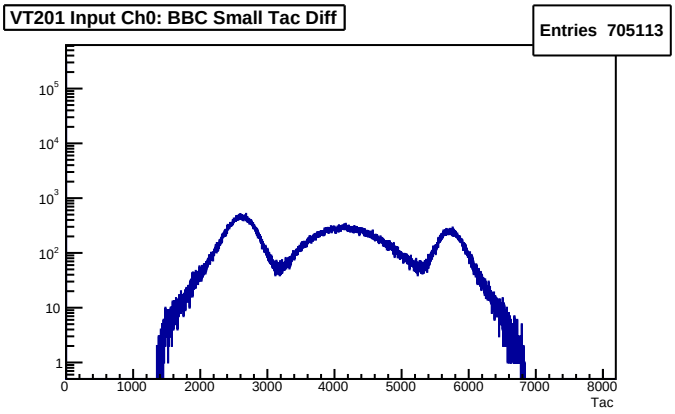

zdcEastTacVsSimu
Entries 1065
Data
Simu

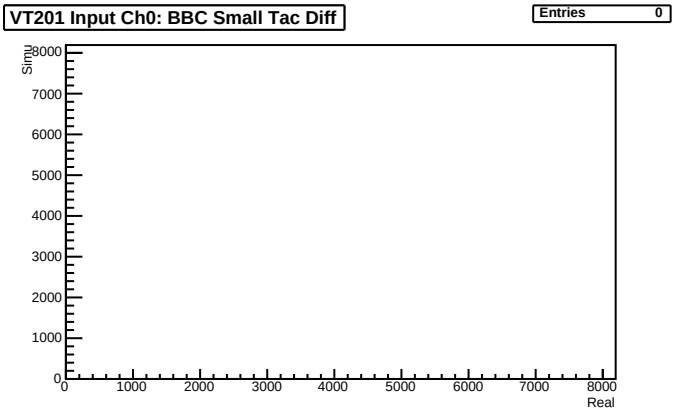

zdcWestTac
Entries 705113

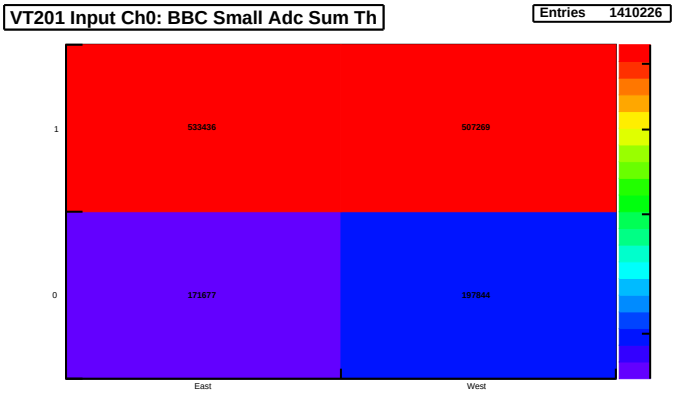

zdcWestTacVsSimu
Entries 2265
Data
Simu

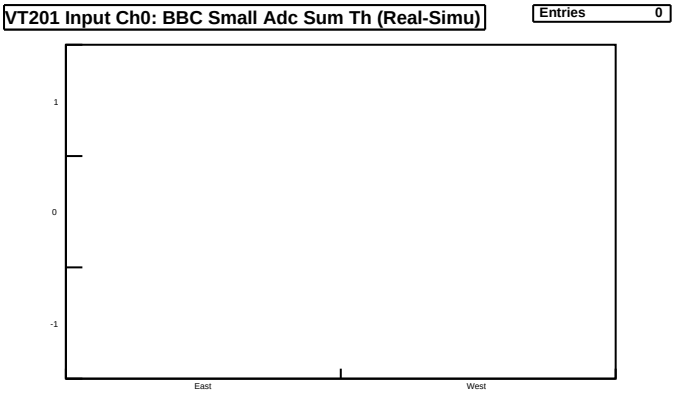

zdcAdcSum
Entries 8461356
35354
4410
21
19
5
5
133427
5503
58
55
39
34
669759
700703
705092
705094
705108
705108
571686
699610
705055
705058
705074
705079
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

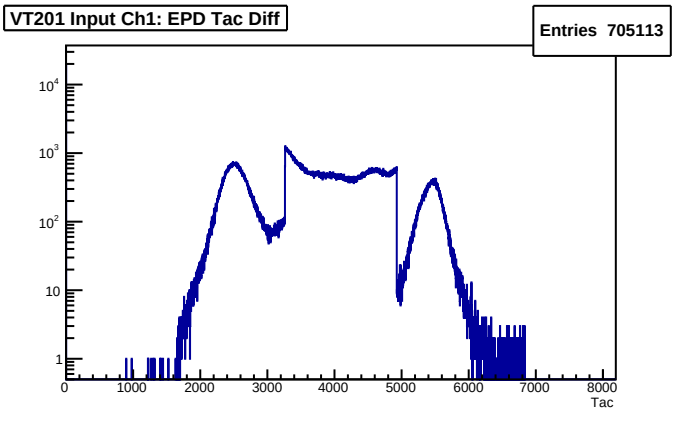

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

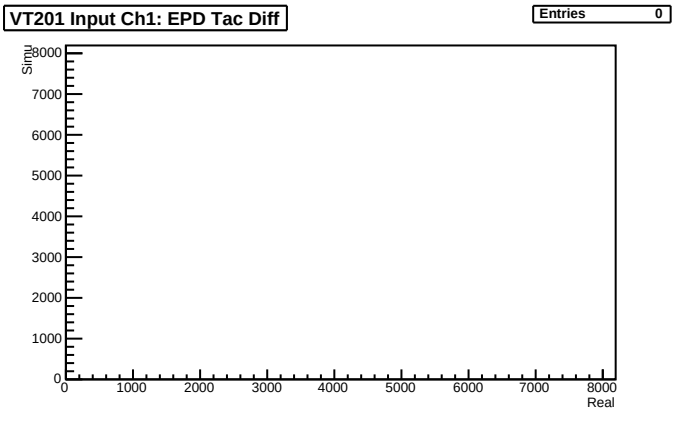

VT201 Input Ch0: BBC Small Tac Diff
Entries 705113
Tac

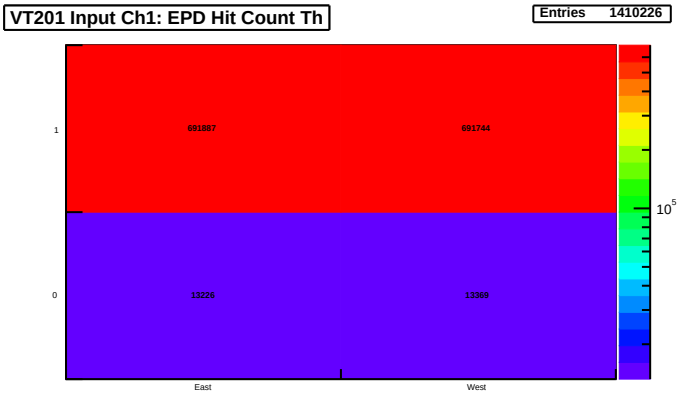

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

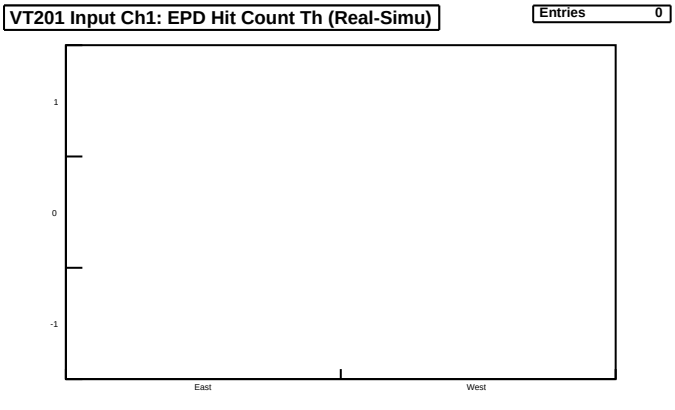

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1410226
533436
507269
171677
197844
East
West

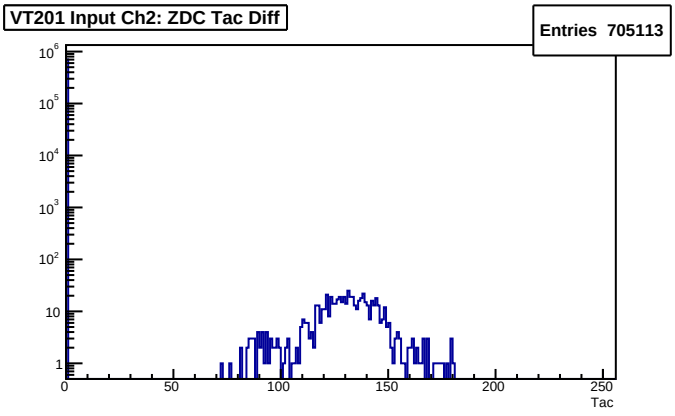

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

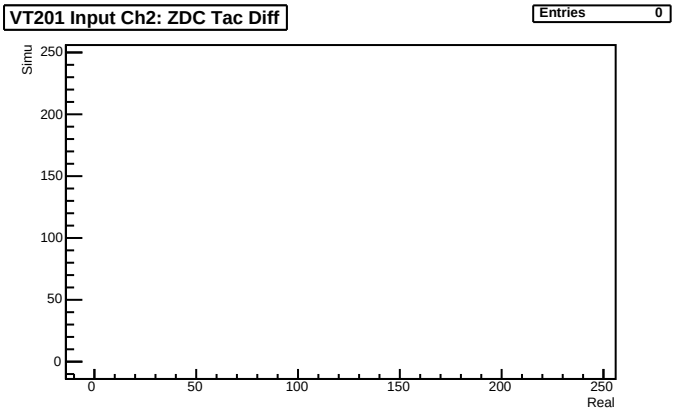

VT201 Input Ch1: EPD Tac Diff
Entries 705113
Tac

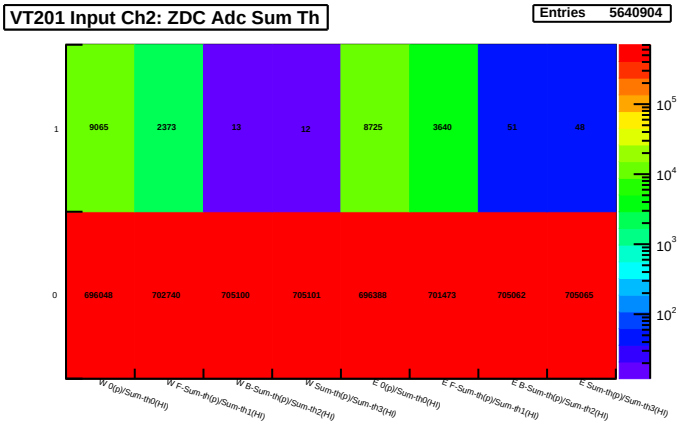

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

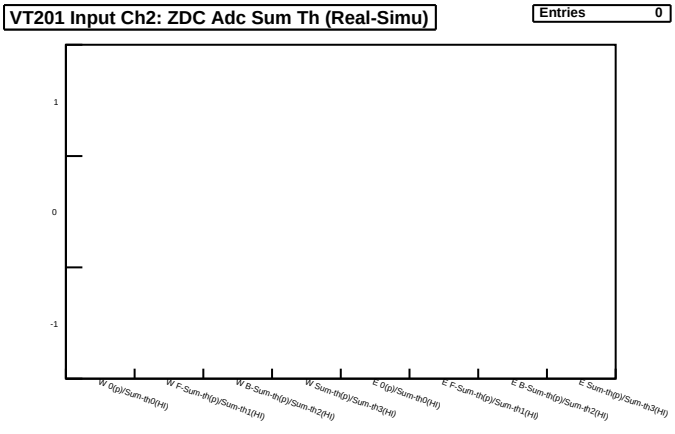

VT201 Input Ch1: EPD Hit Count Th
Entries 1410226
691887
691744
13226
13369
East
West

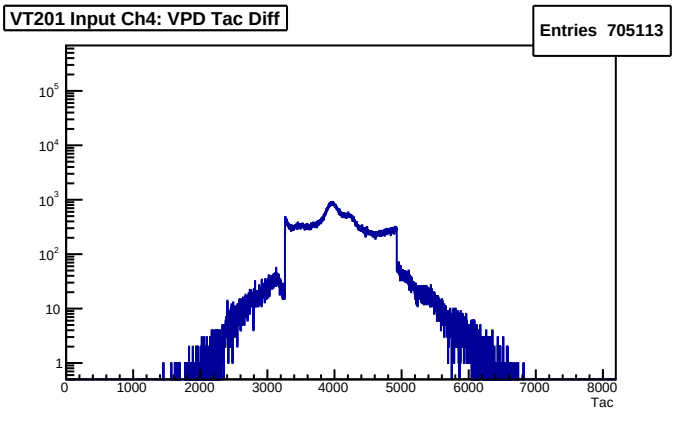

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

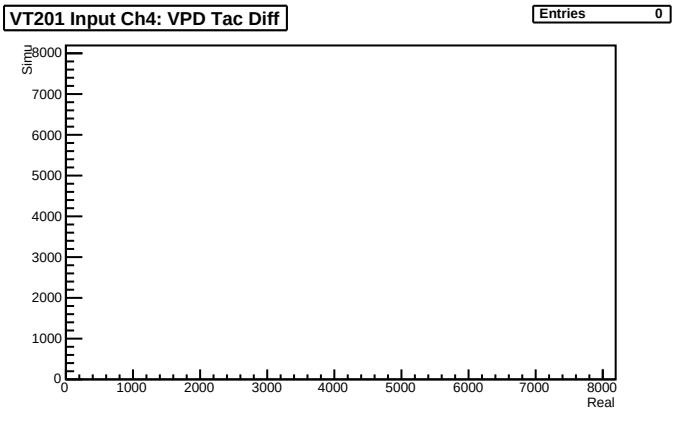

VT201 Input Ch2: ZDC Tac Diff
Entries 705113
Tac

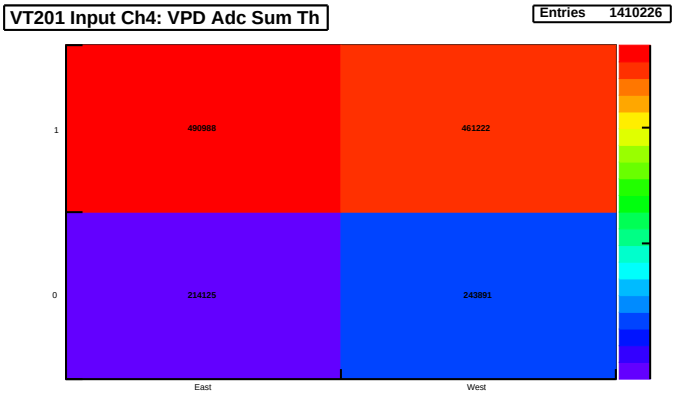

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

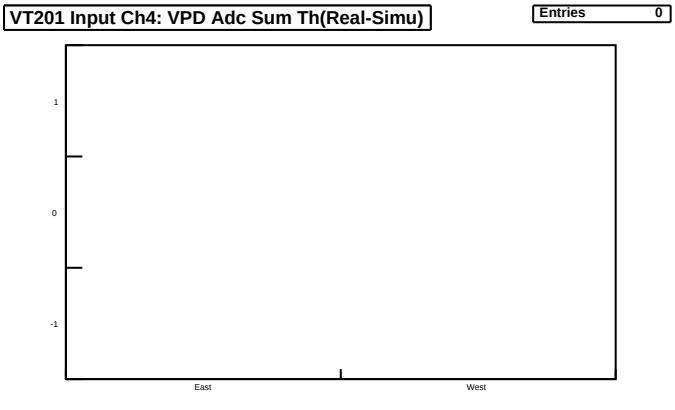

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5640904
9065
2373
13
12
8725
3640
51
48
696048
702740
705100
705101
696388
701473
705062
705065
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

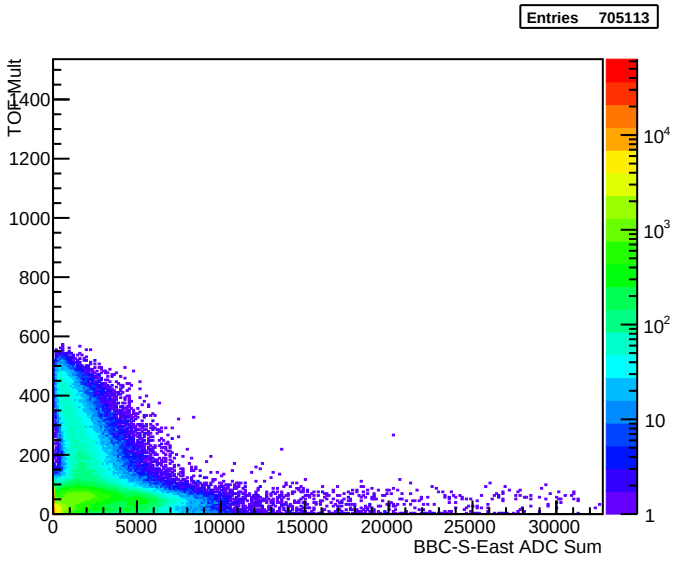

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

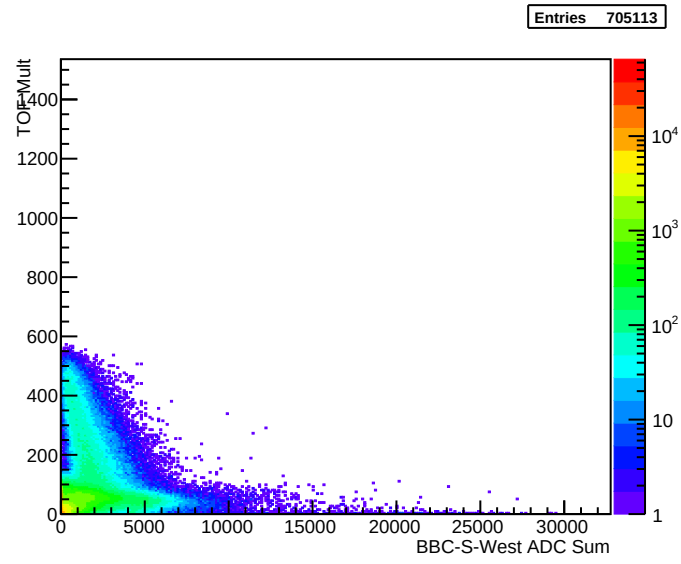

VT201 Input Ch4: VPD Tac Diff
Entries 705113
Tac

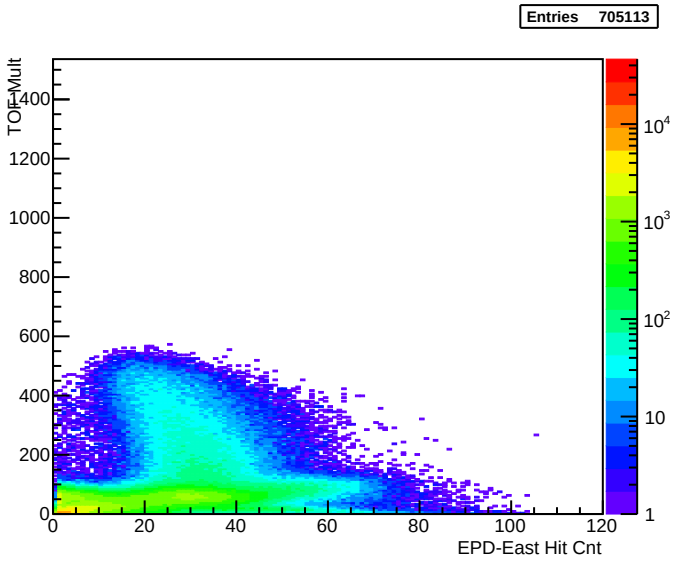

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

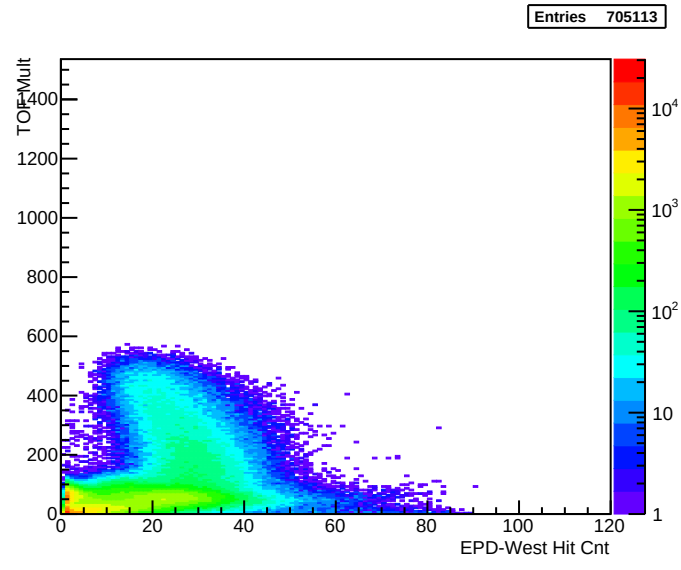

VT201 Input Ch4: VPD Adc Sum Th
Entries 1410226
490988
461222
214125
243891
East
West

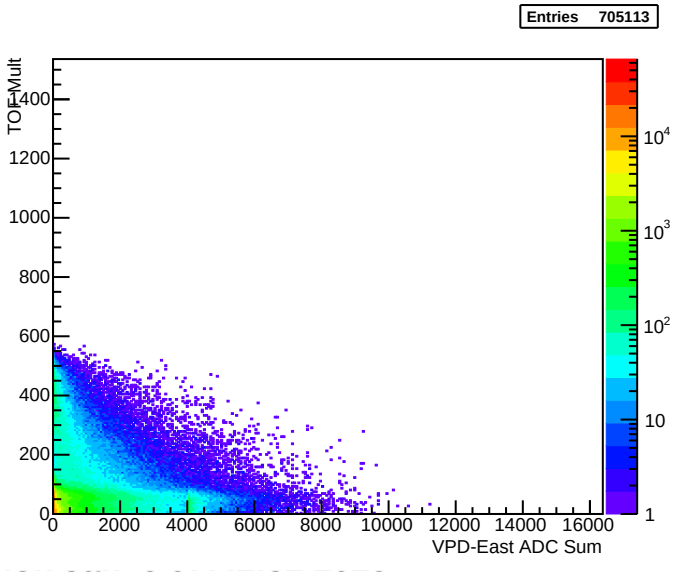

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

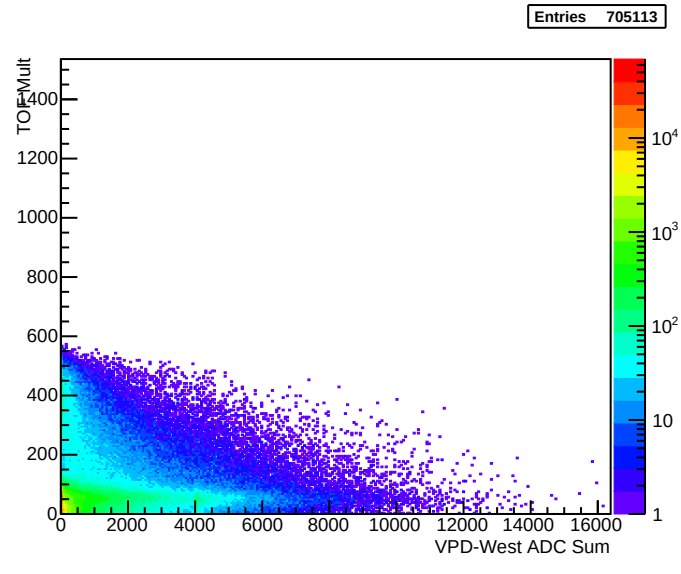

Entries 705113
TOF-Mult
BBC-S-East ADC Sum

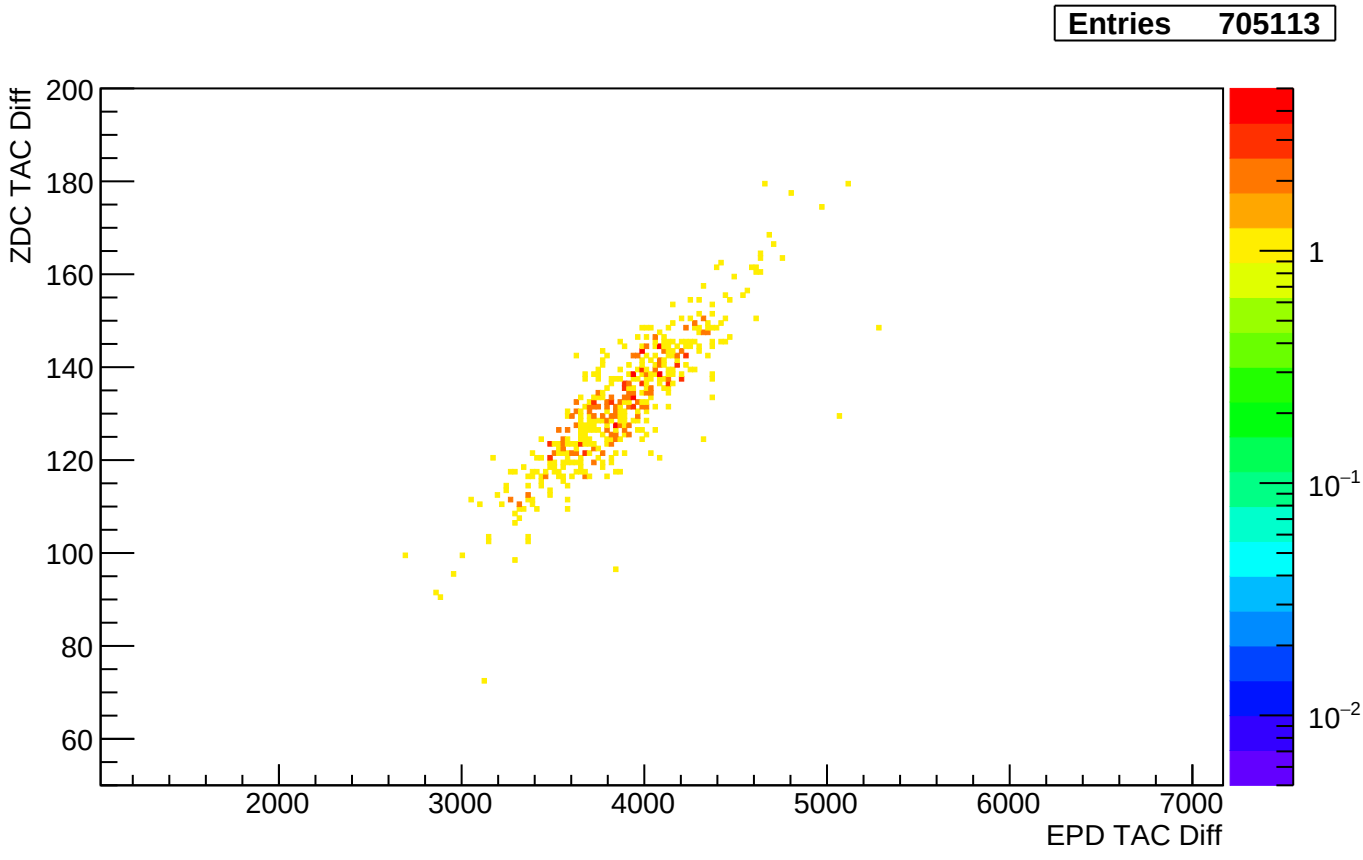

Entries 705113
TOF-Mult
BBC-S-West ADC Sum

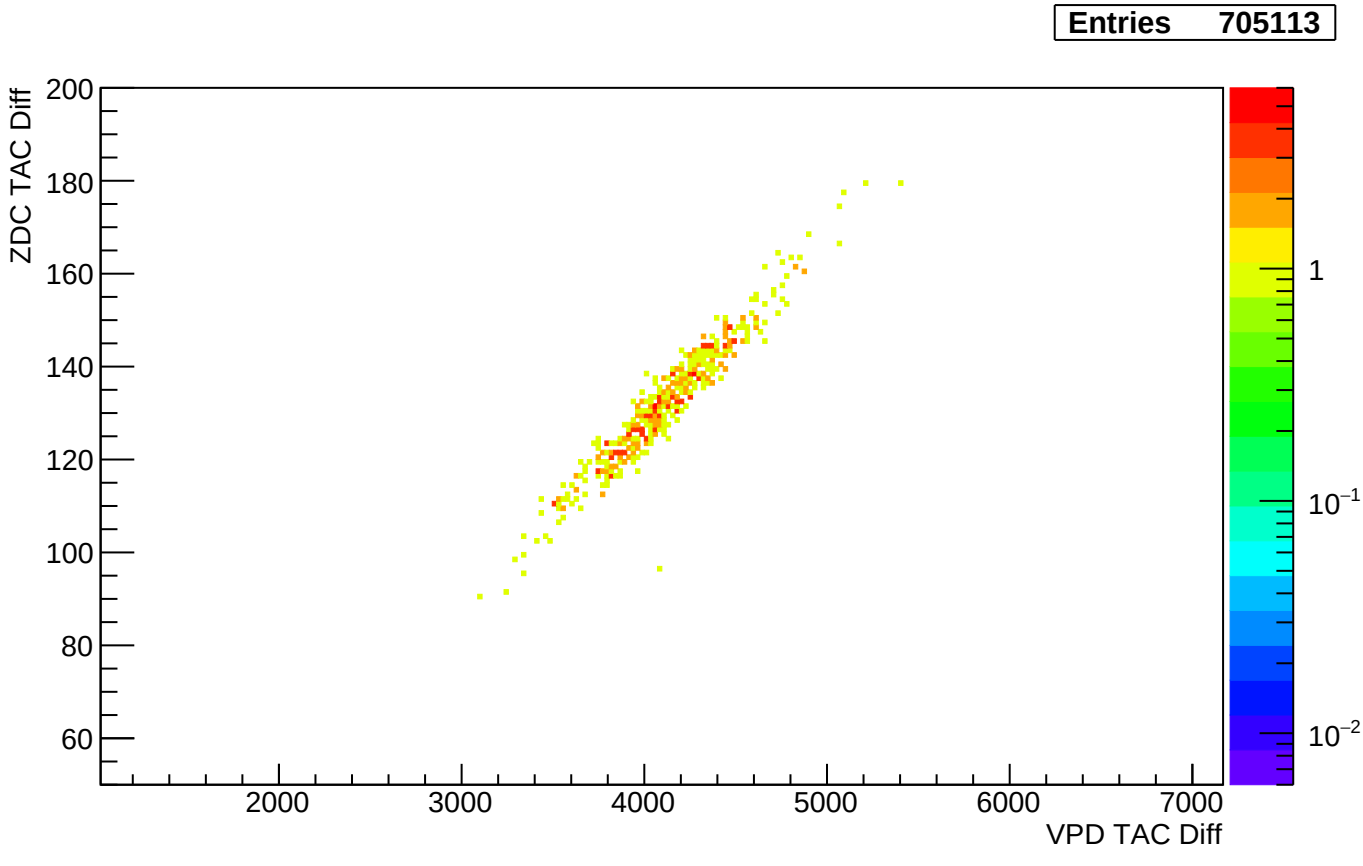

Entries 705113
TOF-Mult
EPD-East Hit Cnt

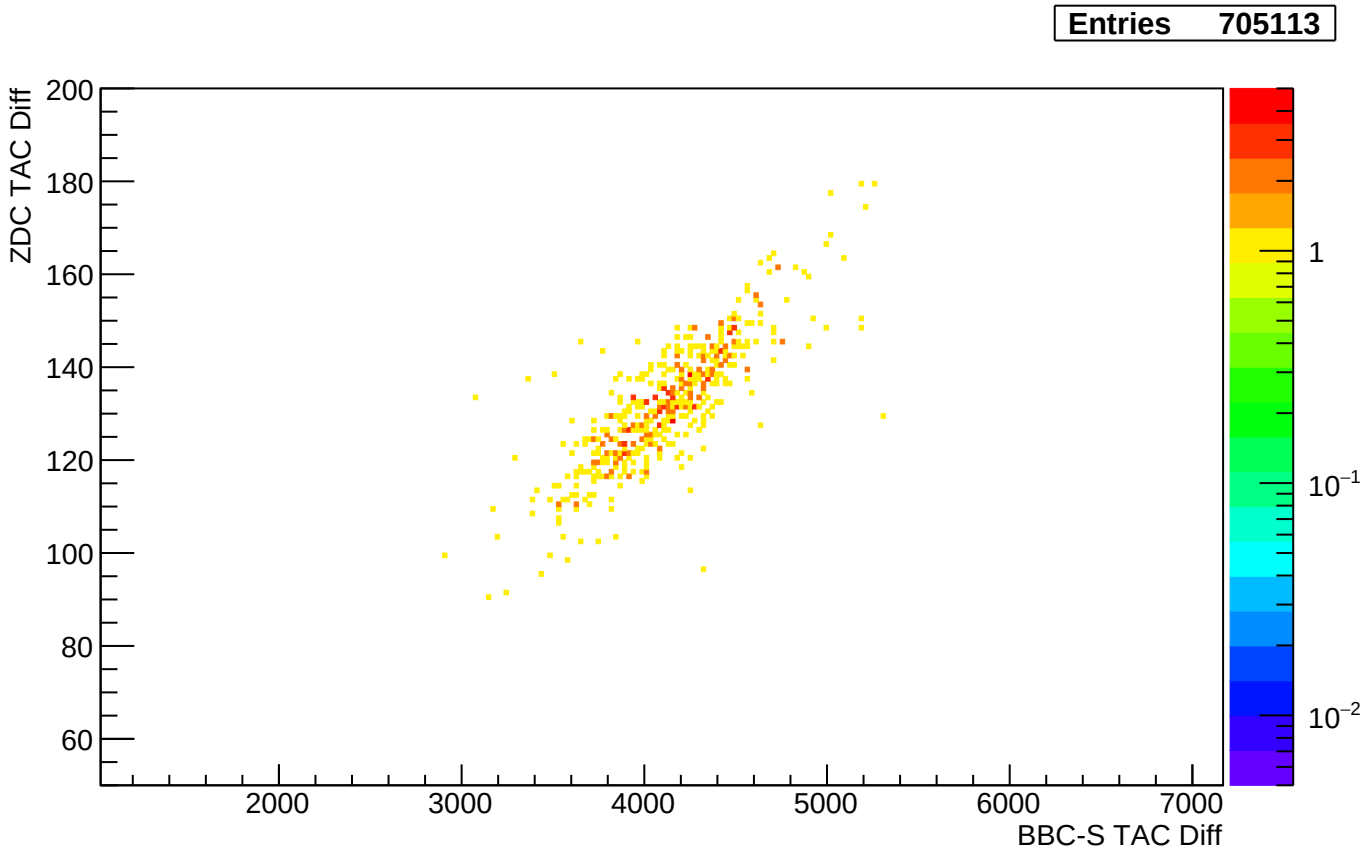

Entries 705113
TOF-Mult
EPD-West Hit Cnt

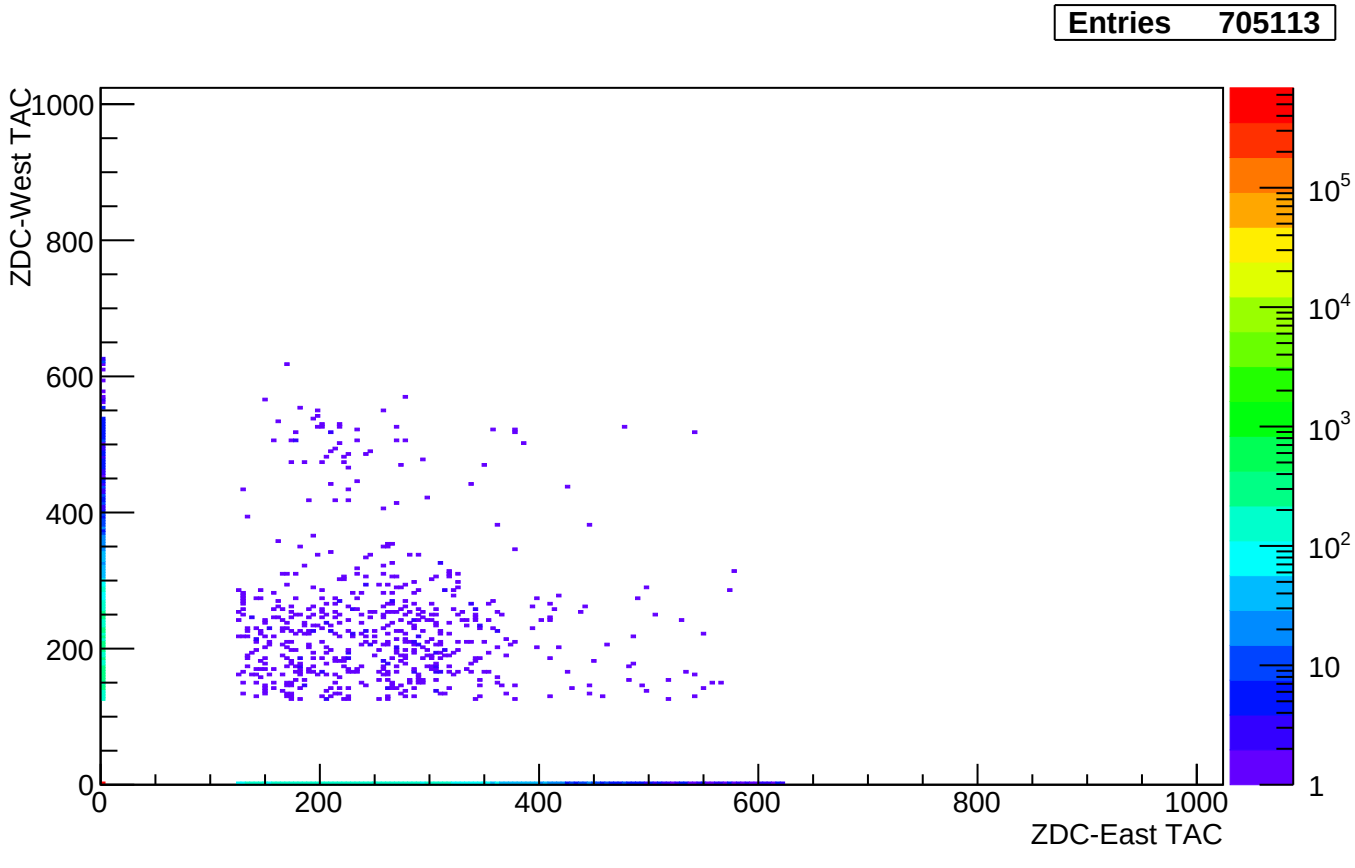

Entries 705113
TOF-Mult
VPD-East ADC Sum

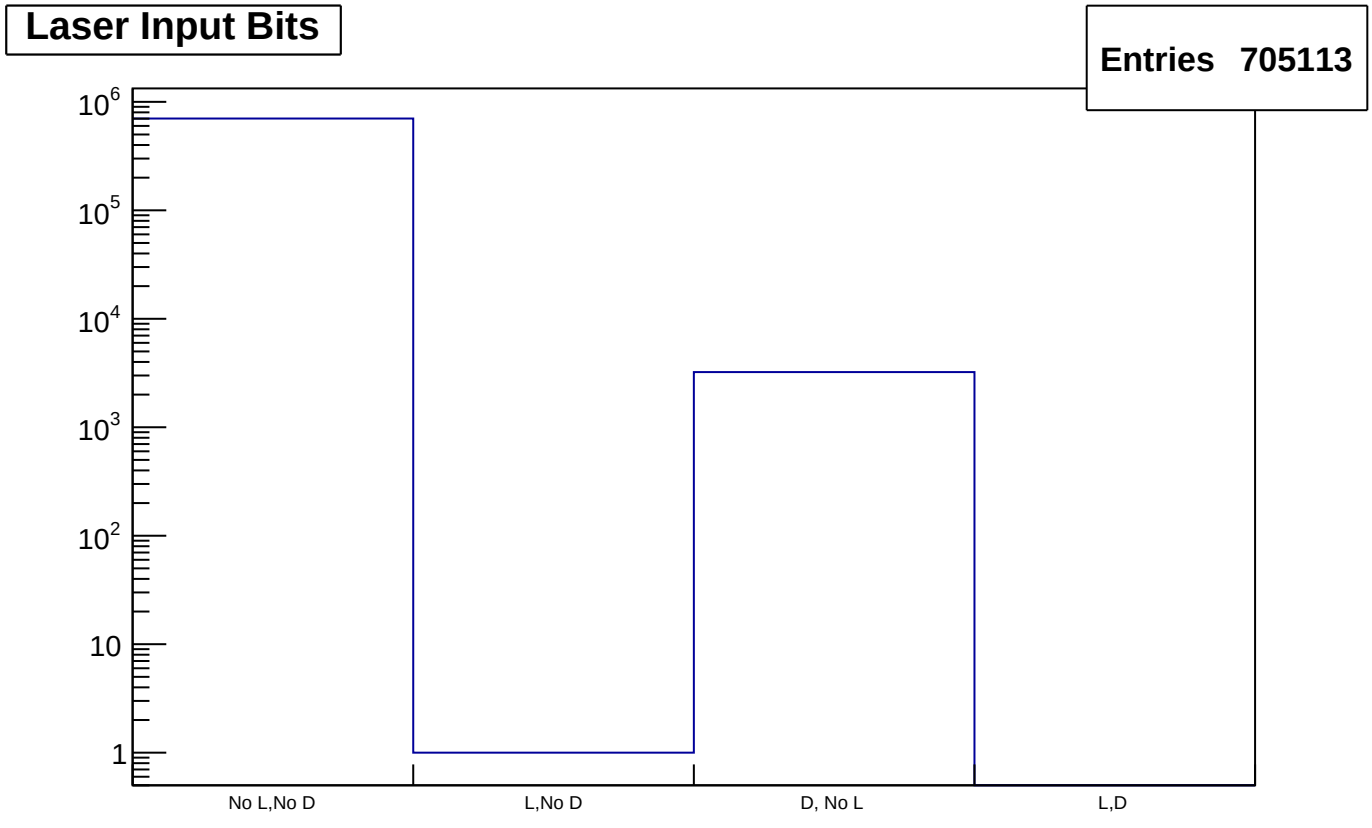

Entries 705113
TOF-Mult
VPD-West ADC Sum

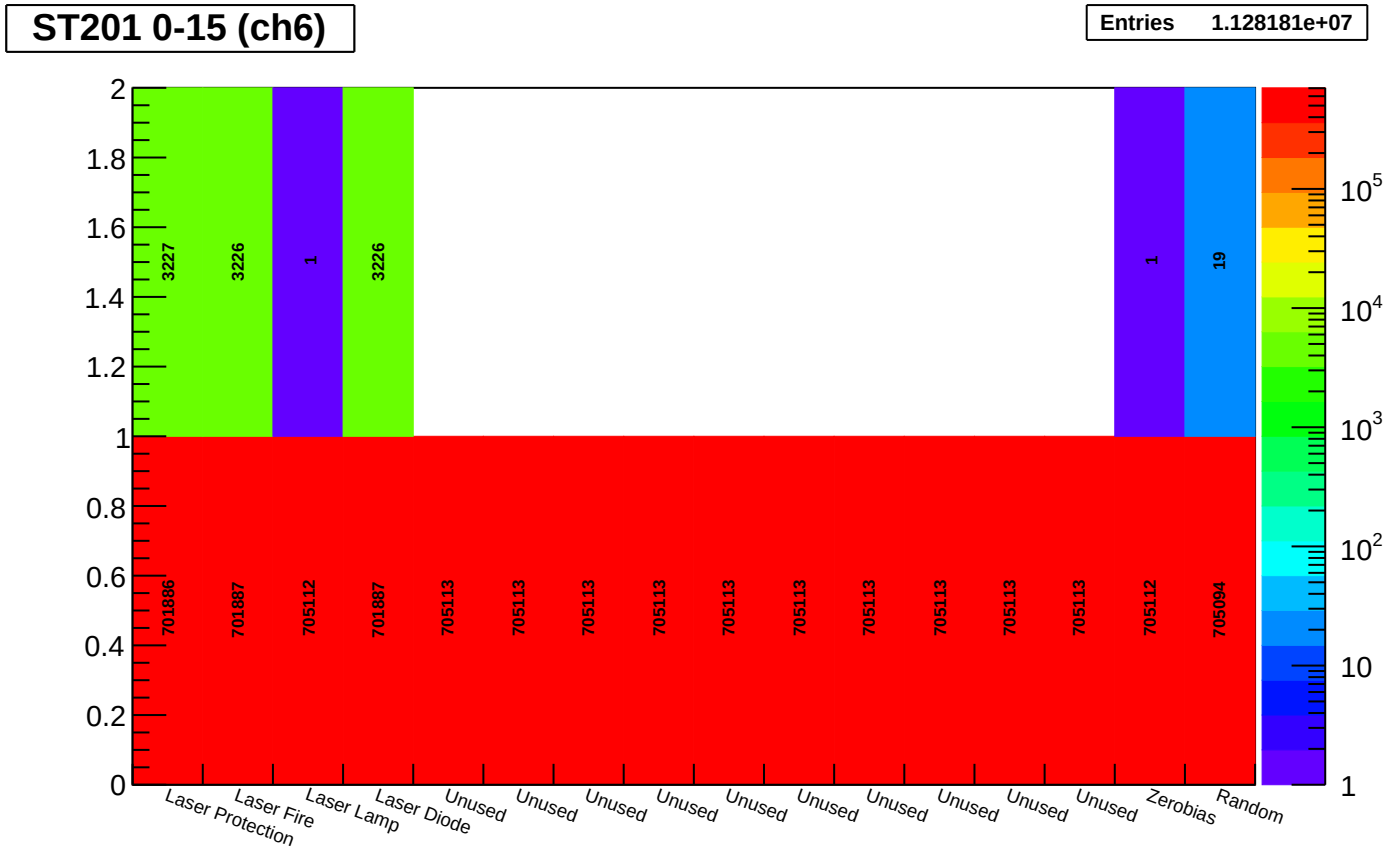

Entries 705113
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

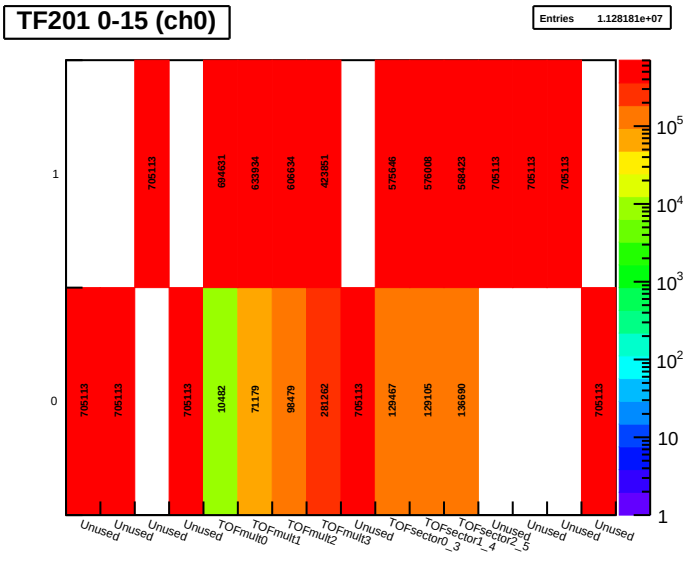

Entries 705113
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

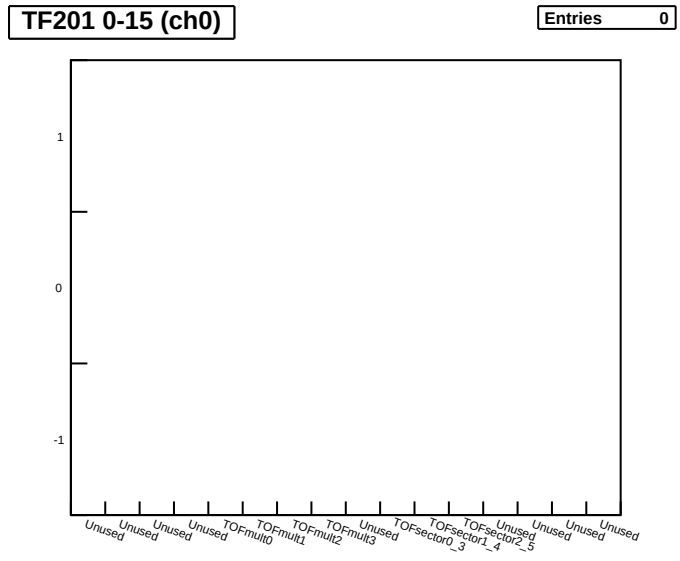

Entries 705113
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

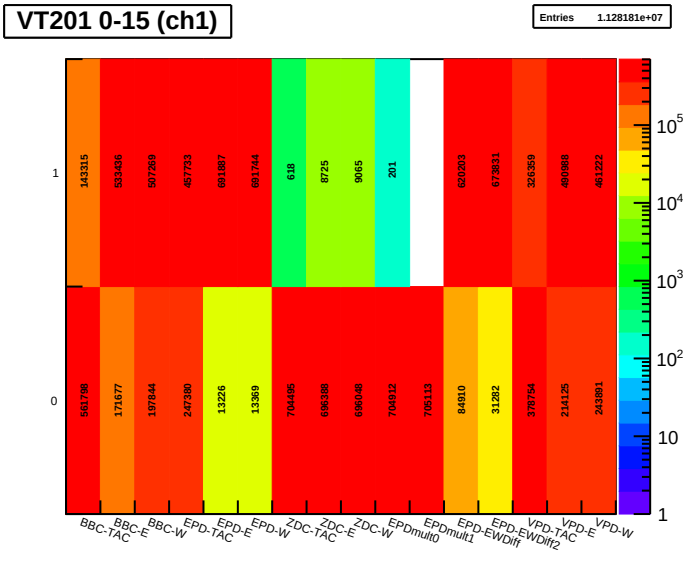

Entries 705113
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

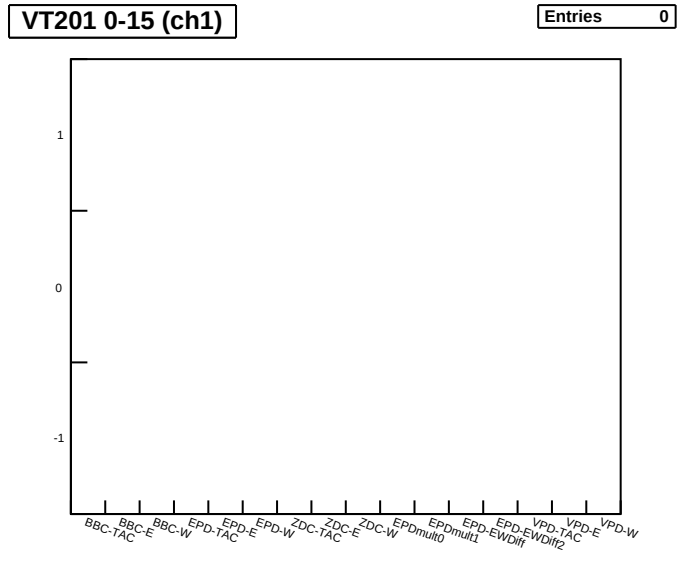

Laser Input Bits
Entries 705113
$10^6$
$10^5$
$10^4$
$10^3$
$10^2$
10
1
No L,No D
L,No D
D, No L
L,D

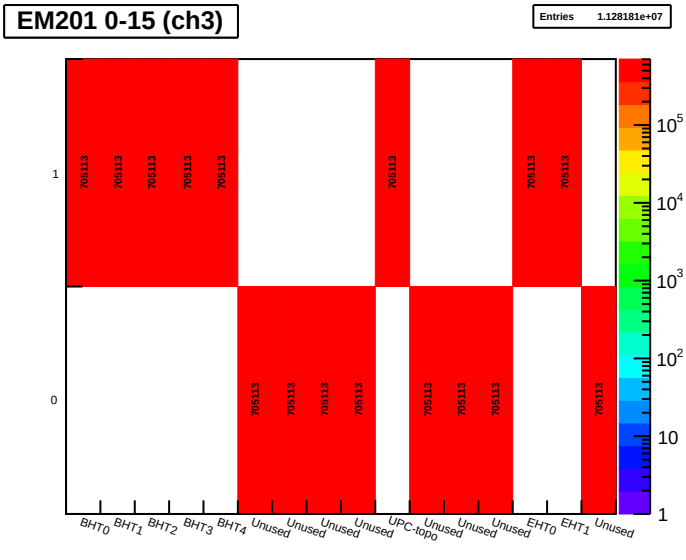

ST201 0-15 (ch6)
Entries 1.128181e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3227
3226
1
3226
1
19
701886
701887
705112
701887
705113
705113
705113
705113
705113
705113
705113
705113
705113
705113
705112
705094
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

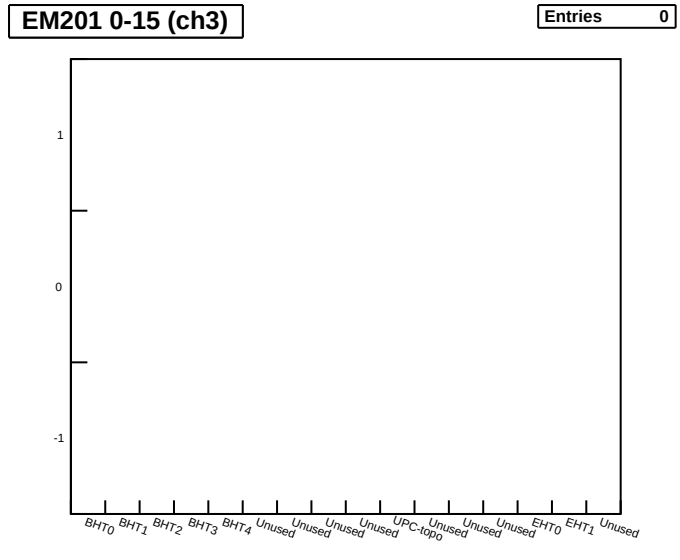

TF201 0-15 (ch0)
Entries 1.128181e+07
705113
694631
633934
686634
423851
575646
576008
568423
705113
705113
705113
705113
705113
705113
10482
71179
98479
281262
705113
129467
129105
136690
705113
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 1.128181e+07
143315
533456
507269
457733
691887
691744
618
8725
9065
201
620203
673831
326359
490988
461222
561798
171677
197844
247380
13226
13369
704495
698388
696048
704912
705113
84910
31282
378754
214125
243891
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


VT201 0-15 (ch1)
Entries 0
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 1.128181e+07
705113
705113
705113
705113
705113
705113
705113
705113
705113
705113
705113
705113
705113
705113
705113
705113
705113
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


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