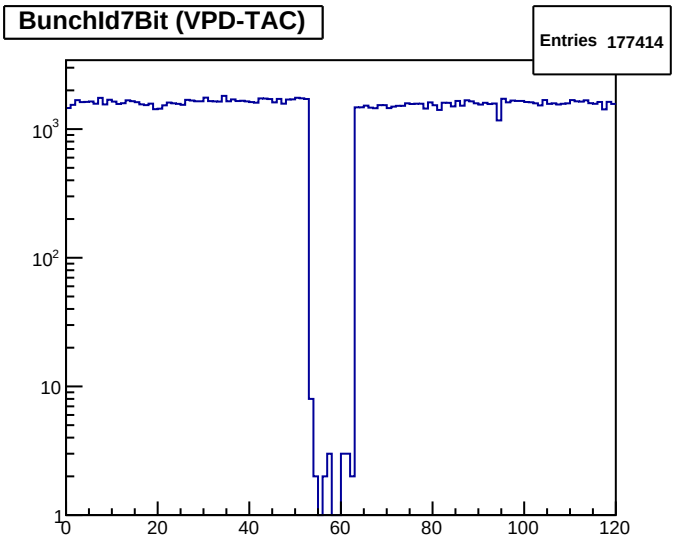
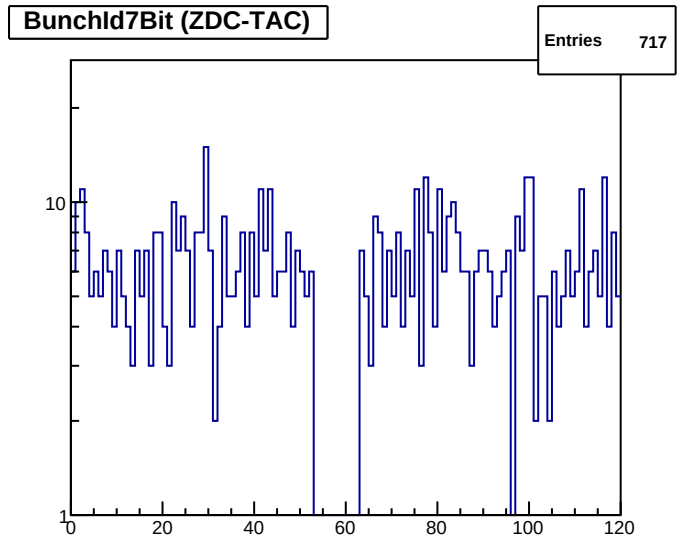
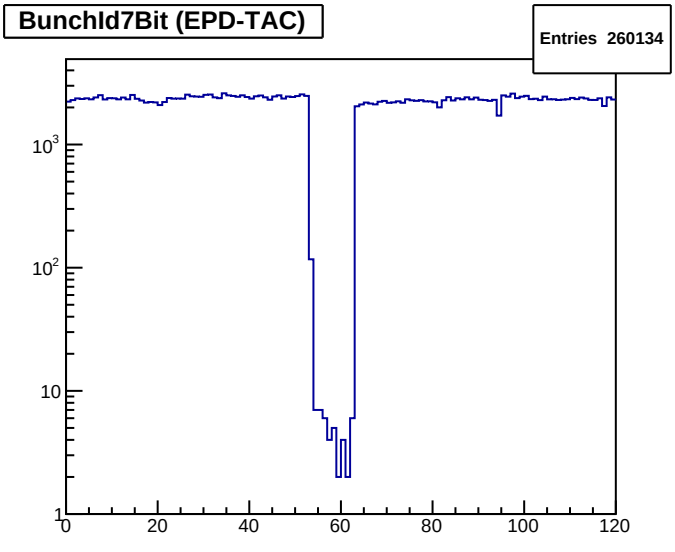
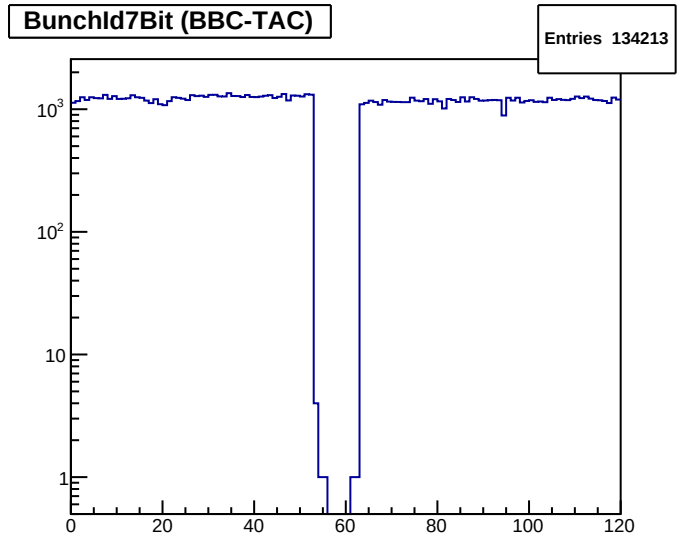
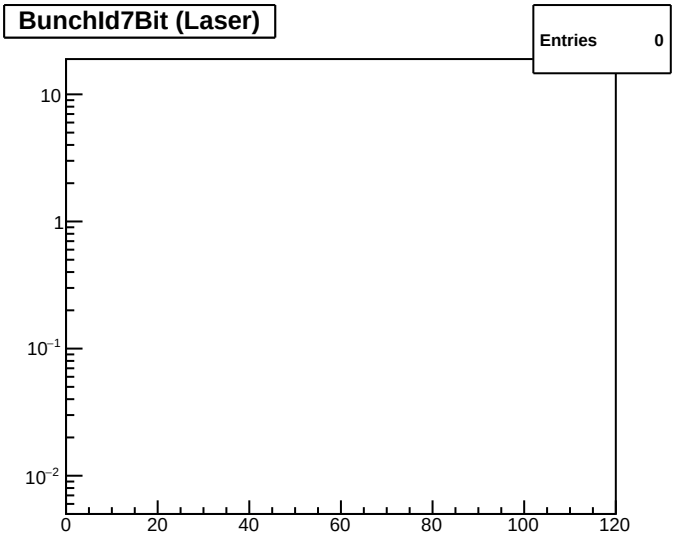
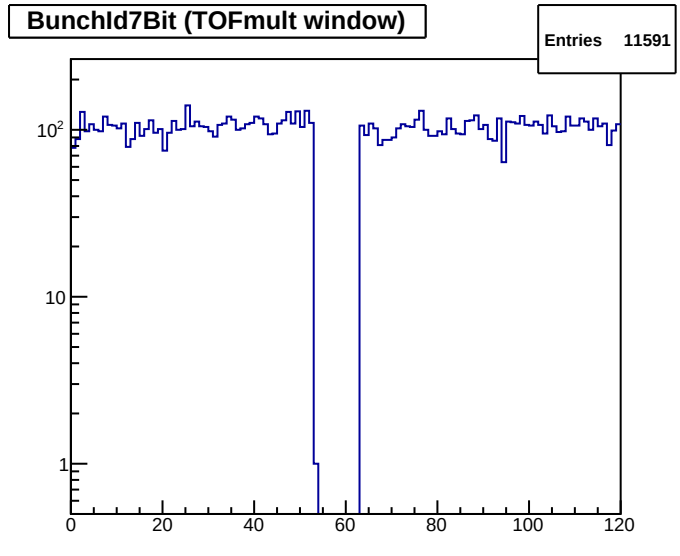

BunchId7Bit (VPD-TAC)
Entries 177414

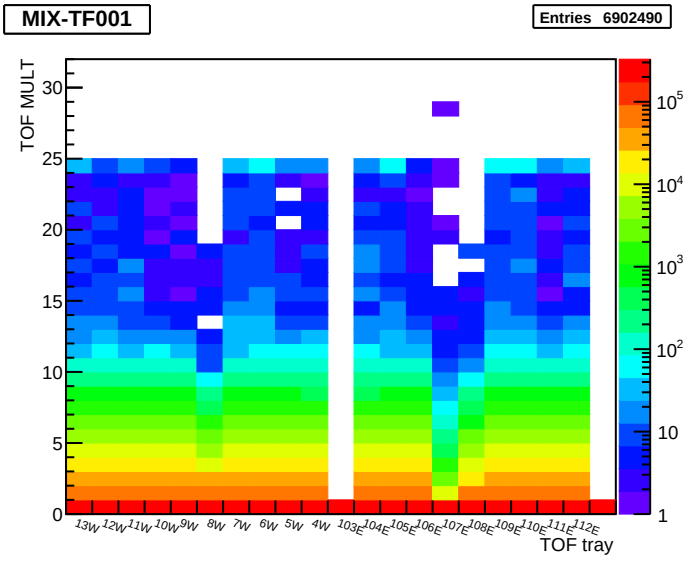

BunchId7Bit (ZDC-TAC)
Entries 717

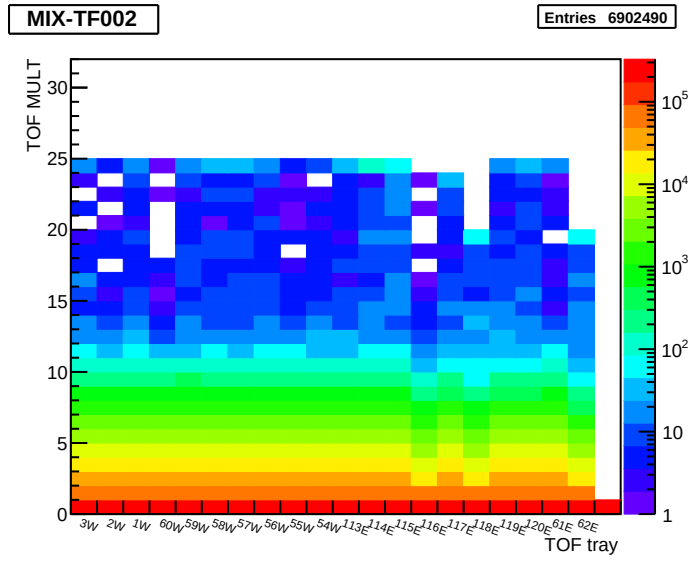

BunchId7Bit (EPD-TAC)
Entries 260134

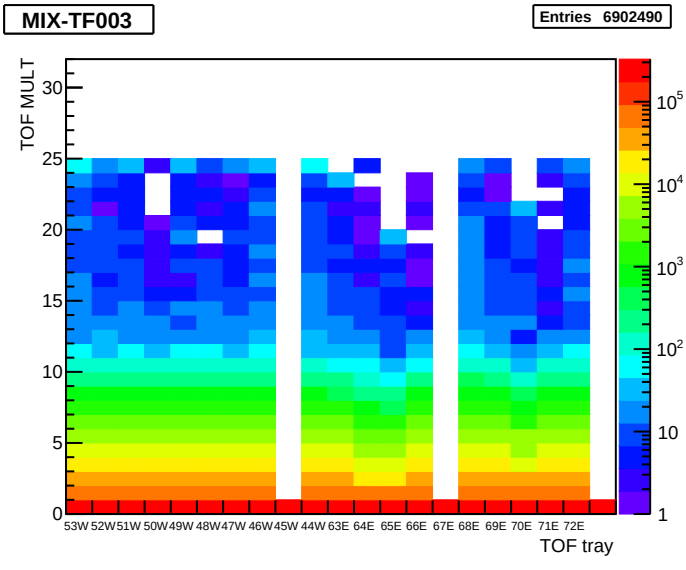

BunchId7Bit (BBC-TAC)
Entries 134213

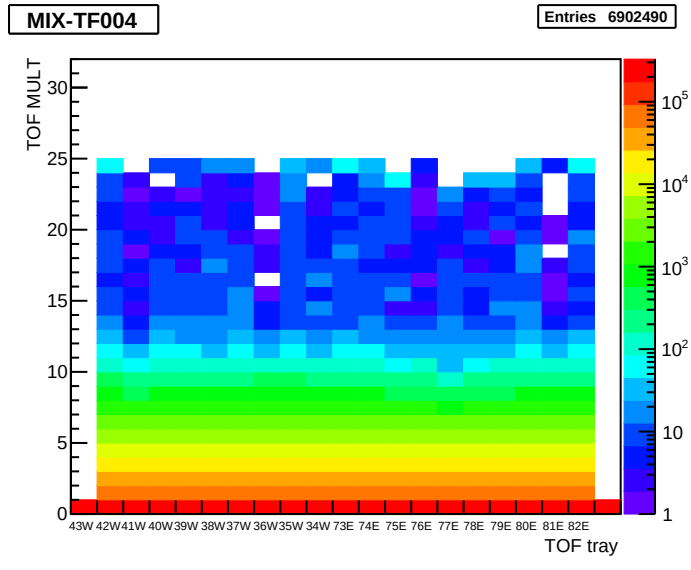

BunchId7Bit (Laser)
Entries 0

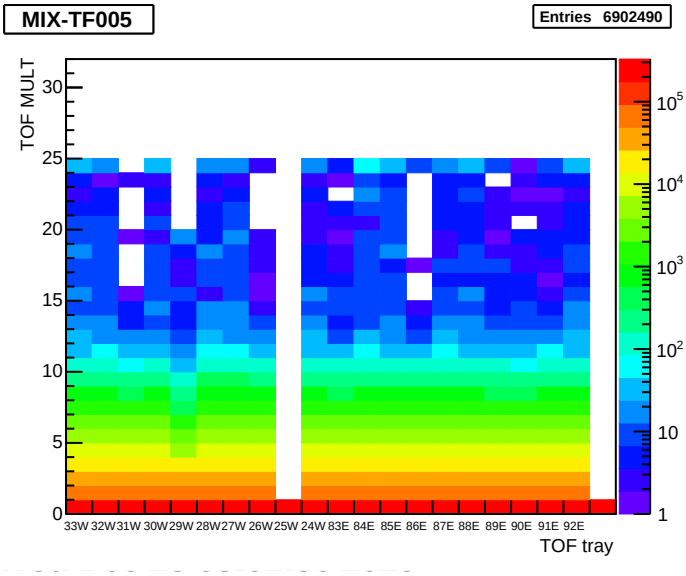

BunchId7Bit (TOFmult window)
Entries 11591

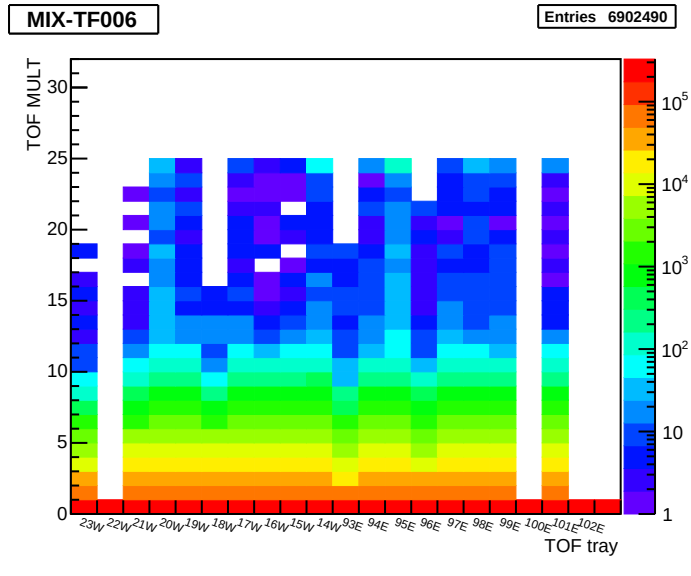

MIX-TF001
Entries 6902490
TOF MULT
TOF tray

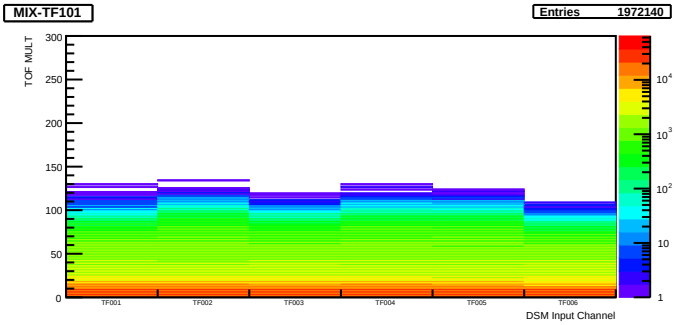

MIX-TF002
Entries 6902490
TOF MULT
TOF tray

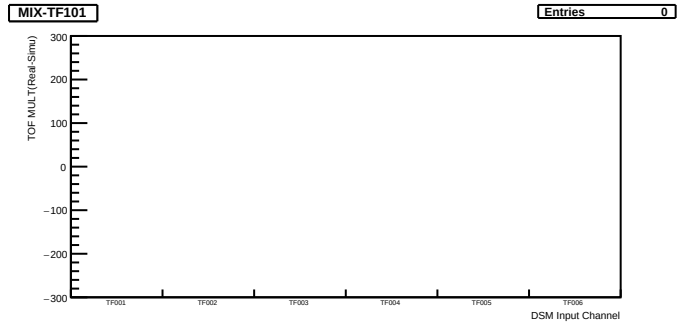

MIX-TF003
Entries 6902490
TOF MULT
TOF tray

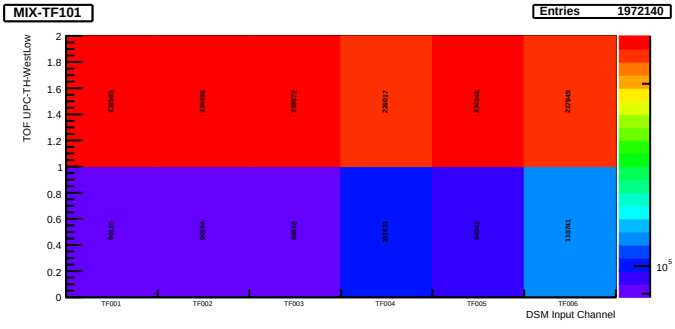

MIX-TF004
Entries 6902490
TOF MULT
TOF tray

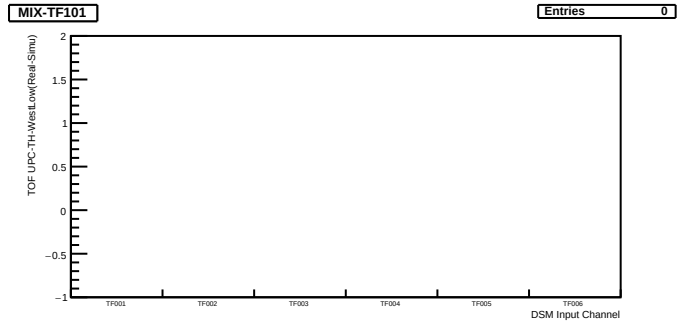

MIX-TF005
Entries 6902490
TOF MULT
TOF tray

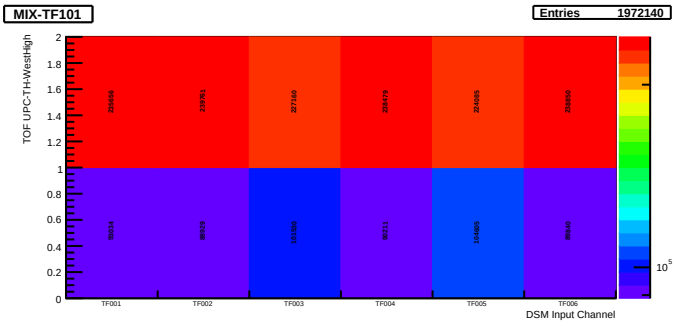

MIX-TF006
Entries 6902490
TOF MULT
TOF tray

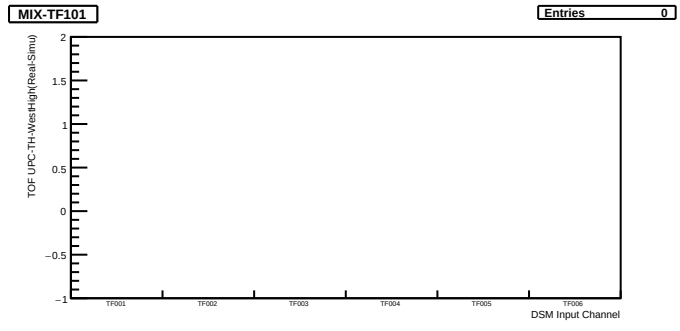

MIX-TF101
Entries 1972140
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

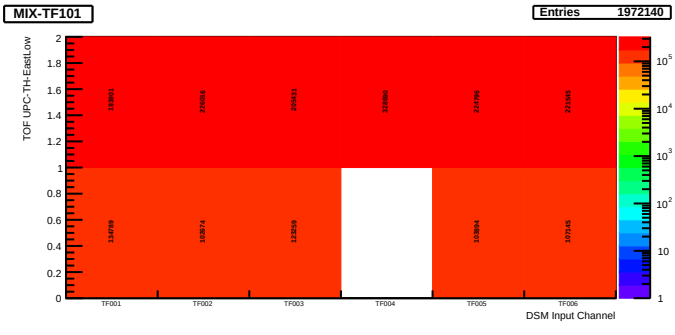

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

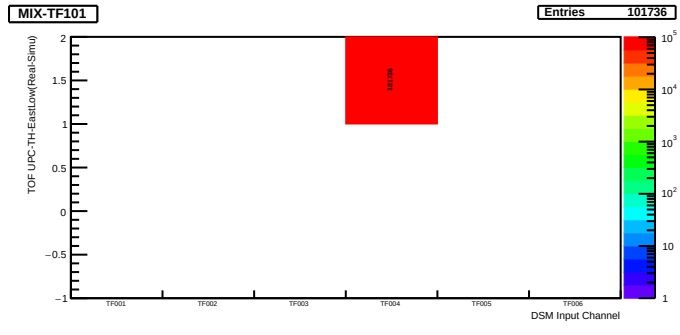

MIX-TF101
Entries 1972140
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

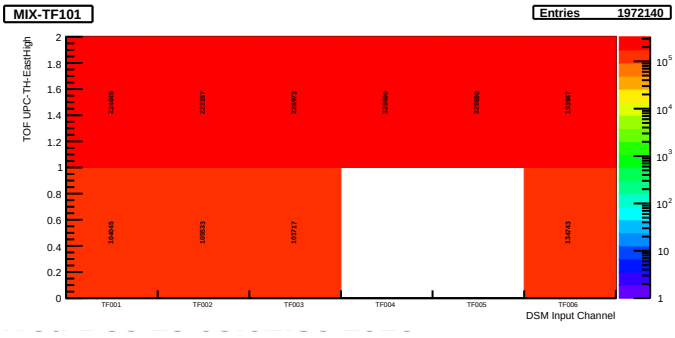

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

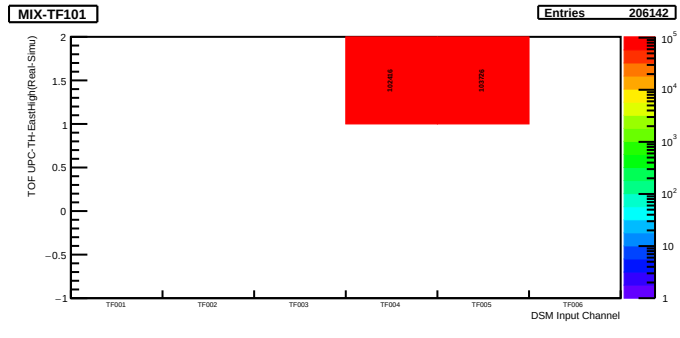

MIX-TF101
Entries 1972140
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

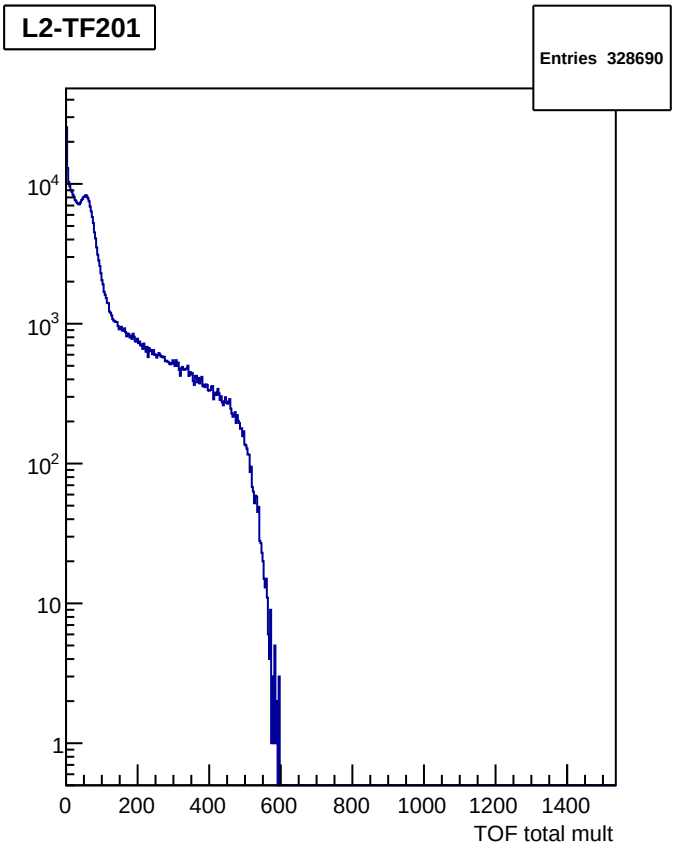

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

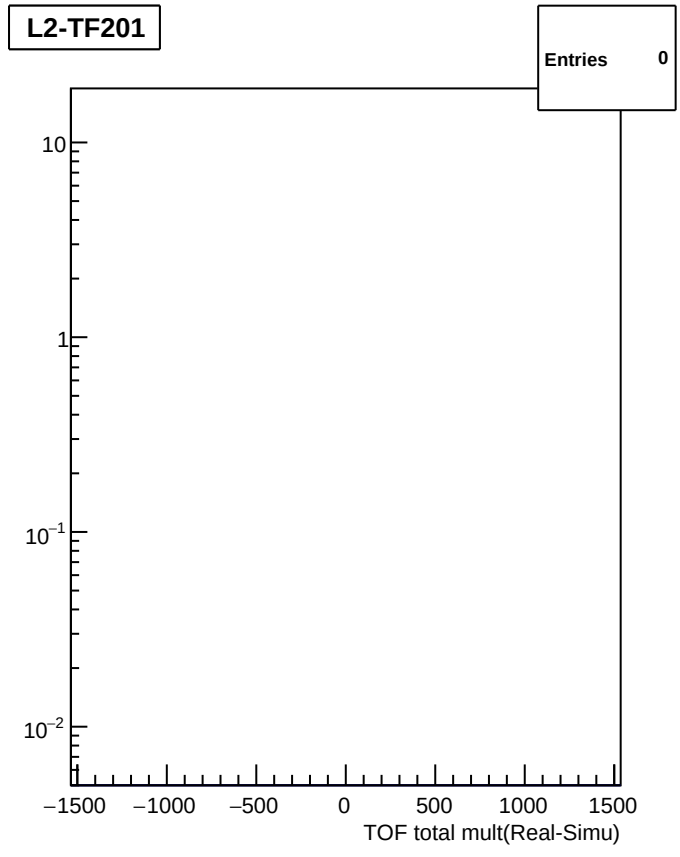

MIX-TF101
Entries 1972140
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

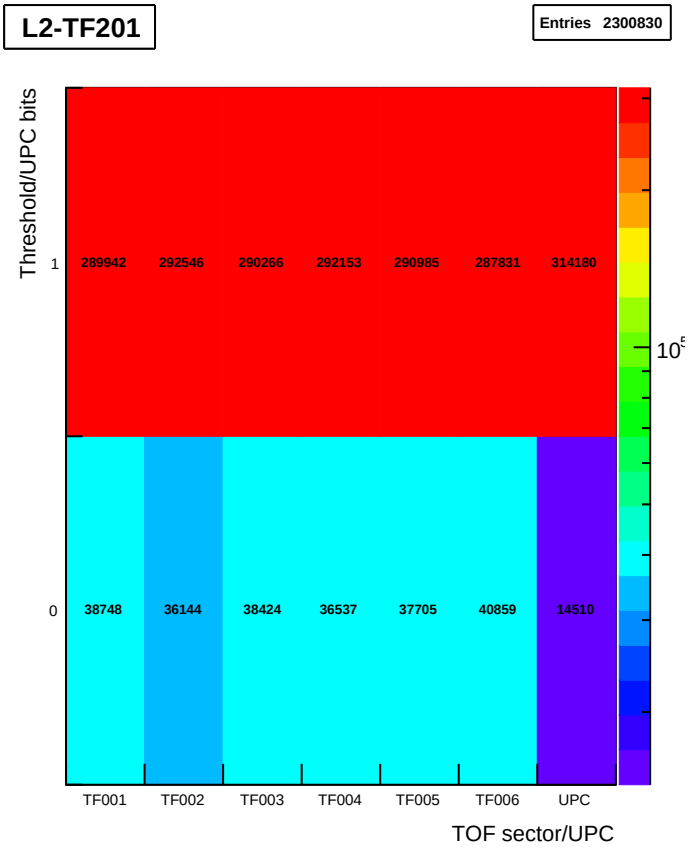

MIX-TF101
Entries 101736
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

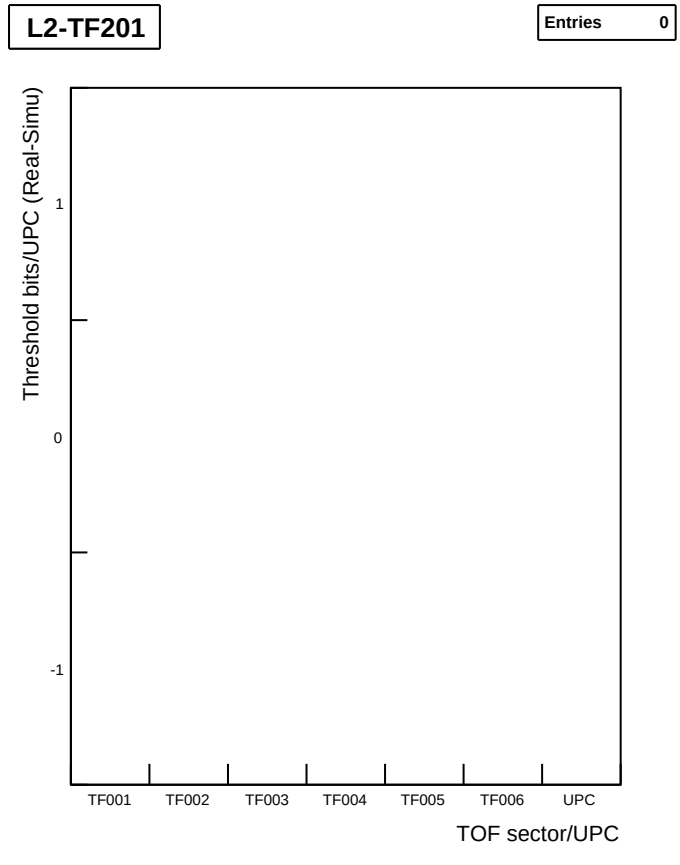

MIX-TF101
Entries 1972140
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

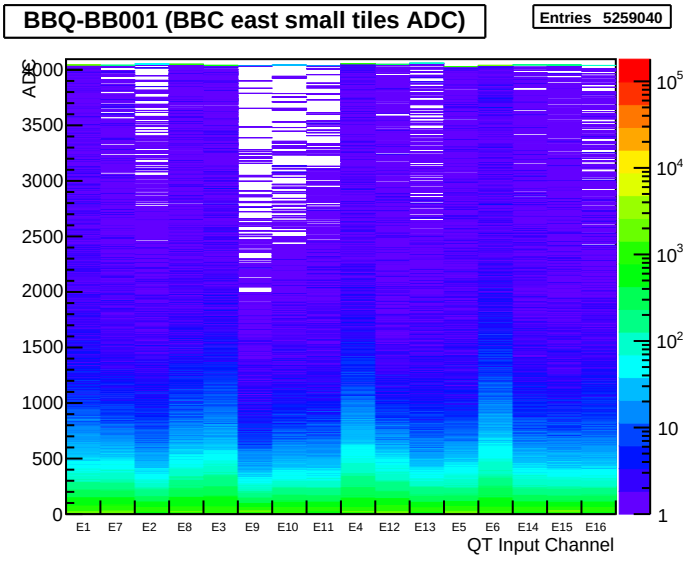

MIX-TF101
Entries 206142
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

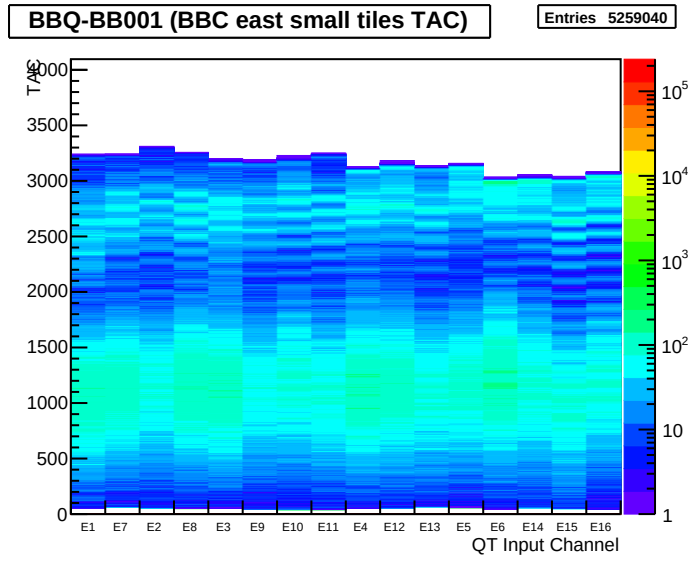

L2-TF201
Entries 328690
TOF total mult

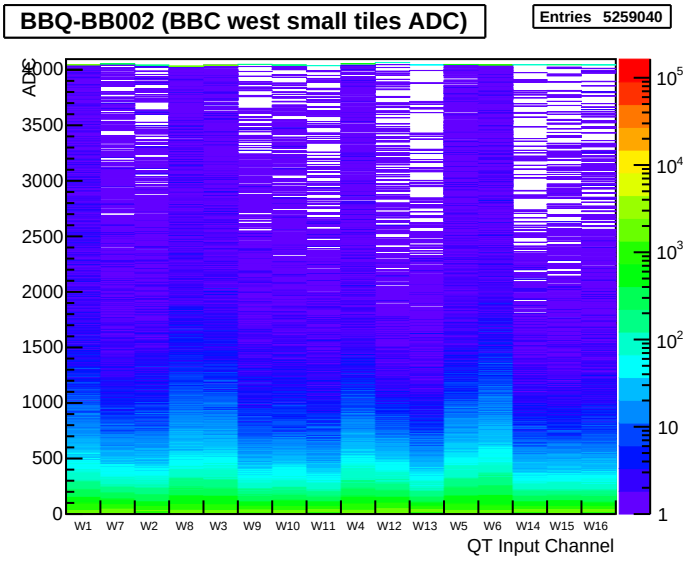

L2-TF201
Entries 0
TOF total mult(Real-Simu)

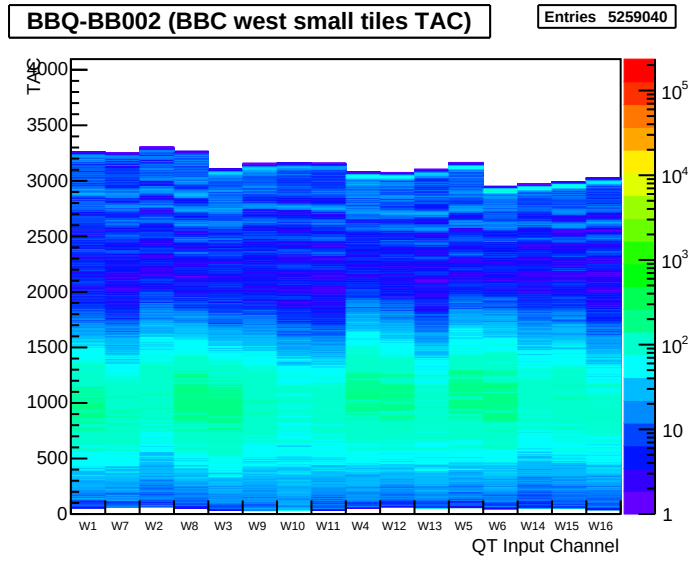

L2-TF201
Entries 2300830
Threshold/UPC bits
289942
292546
290266
292153
290985
287831
314180
38748
36144
38424
36537
37705
40859
14510
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

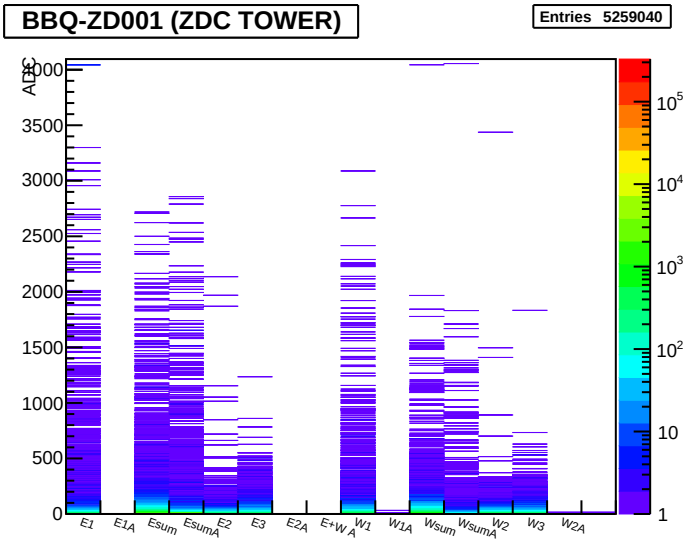

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

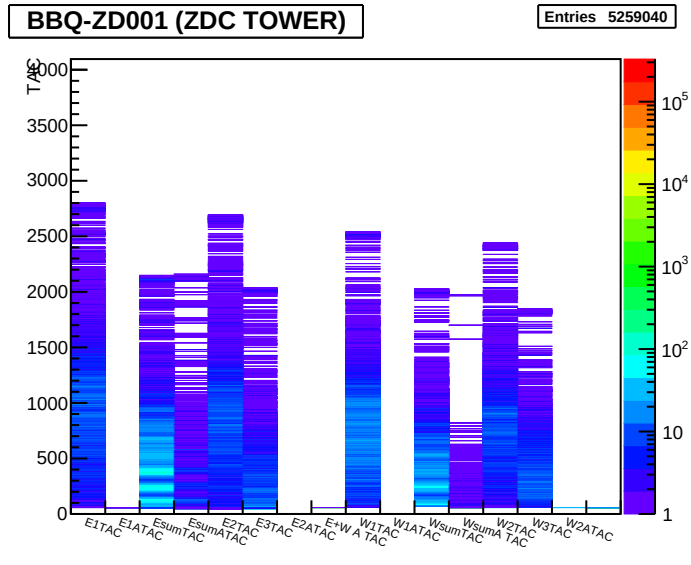

BBQ-BB001 (BBC east small tiles ADC)
Entries 5259040
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

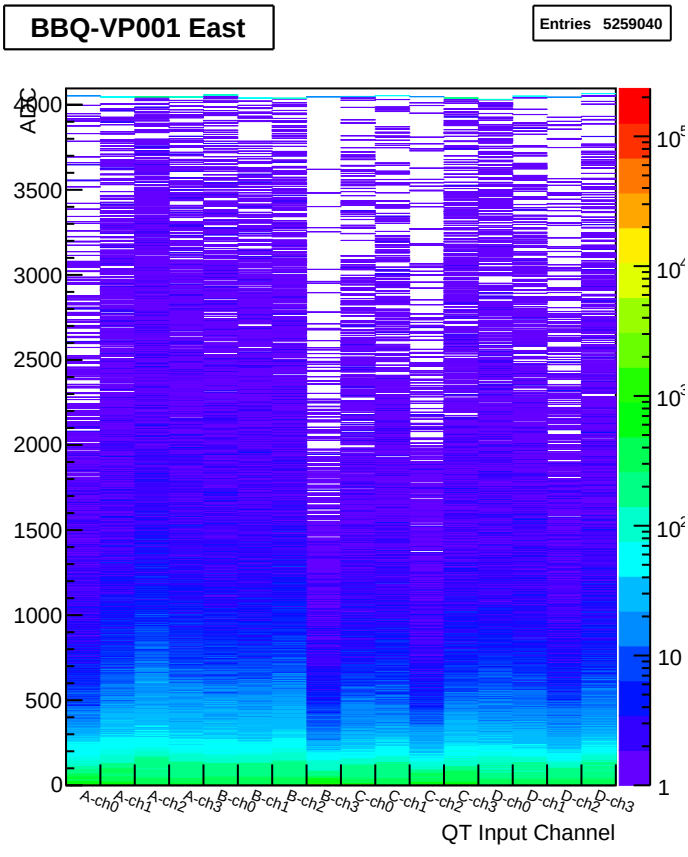

BBQ-BB001 (BBC east small tiles TAC)
Entries 5259040
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

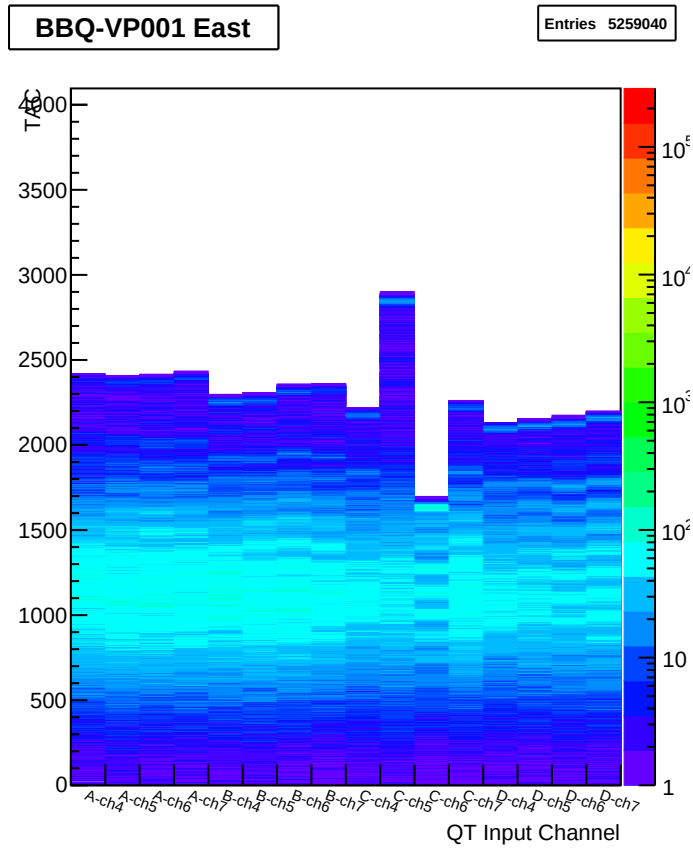

BBQ-BB002 (BBC west small tiles ADC)
Entries 5259040
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

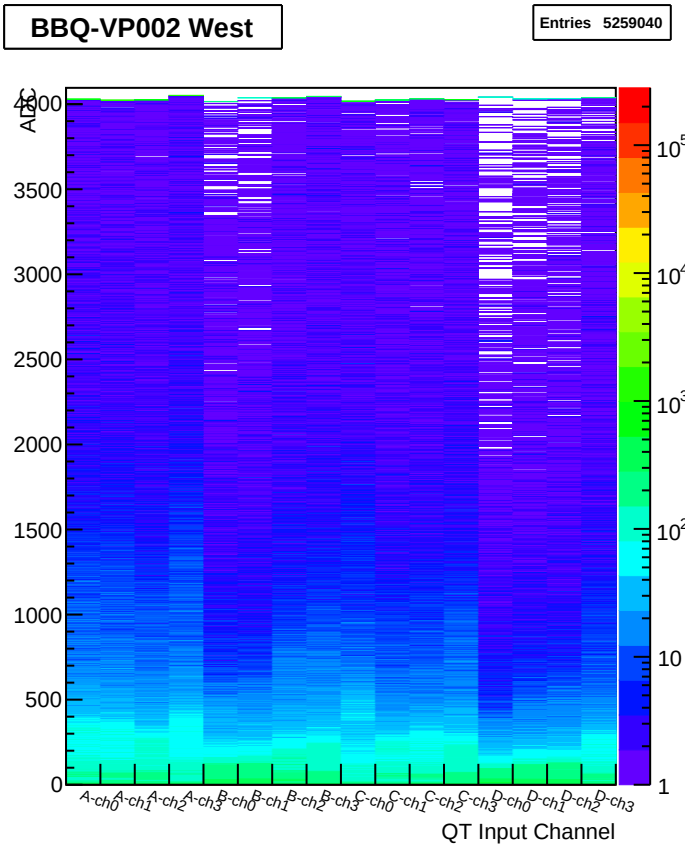

BBQ-BB002 (BBC west small tiles TAC)
Entries 5259040
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

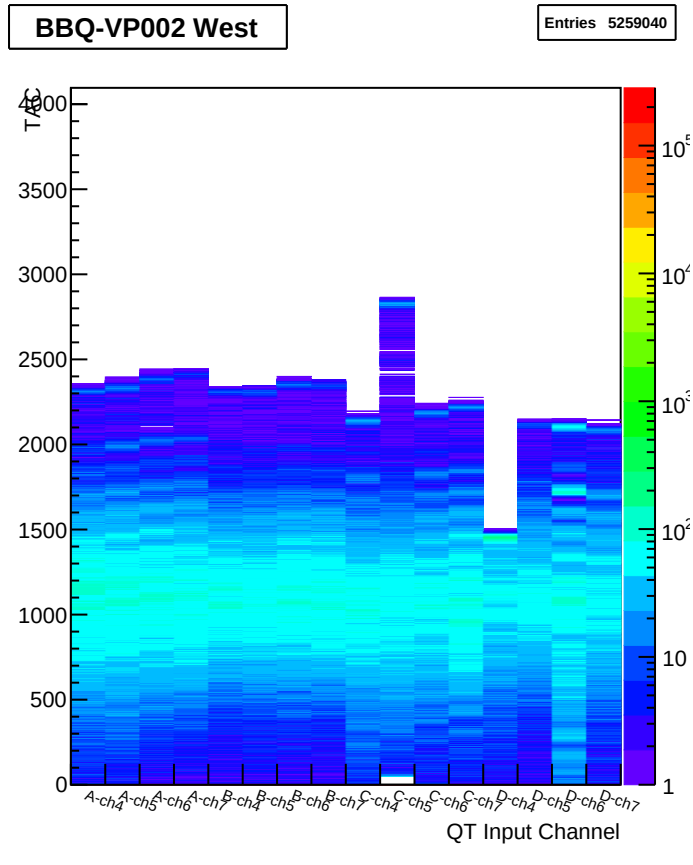

BBQ-ZD001 (ZDC TOWER)
Entries 5259040
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

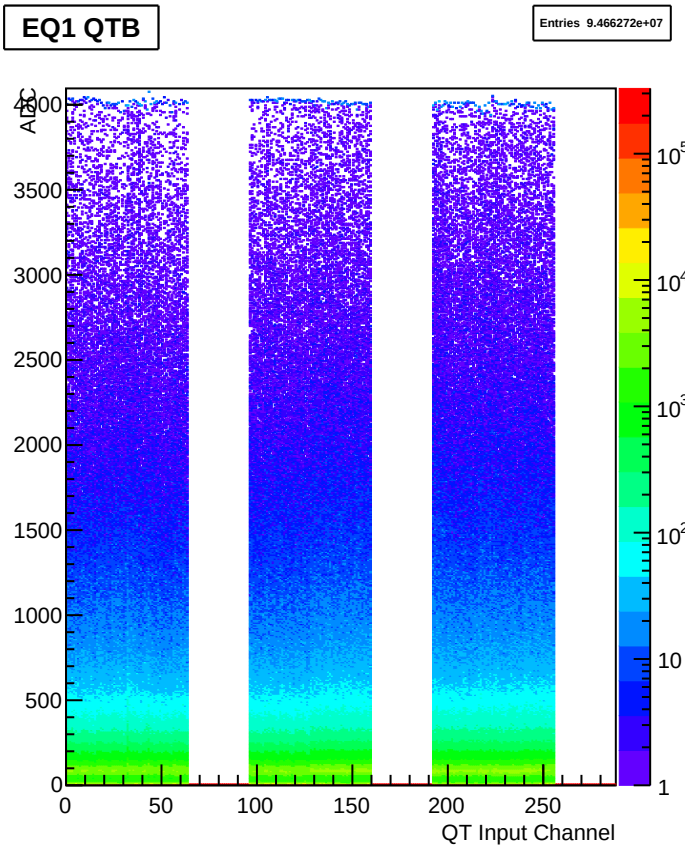

BBQ-ZD001 (ZDC TOWER)
Entries 5259040
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

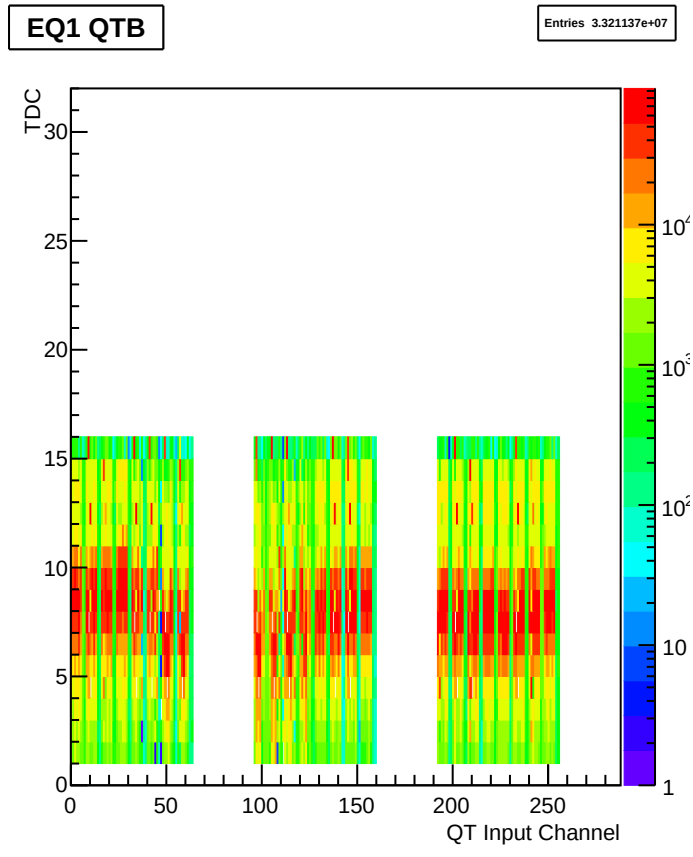

BBQ-VP001 East
Entries 5259040
ADC
QT Input Channel

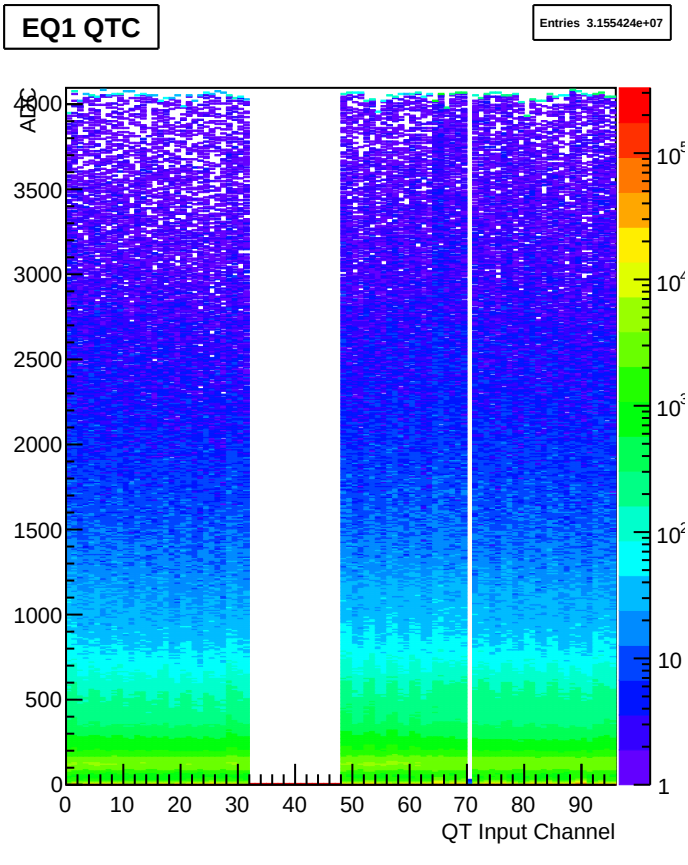

BBQ-VP001 East
Entries 5259040
TADC
QT Input Channel

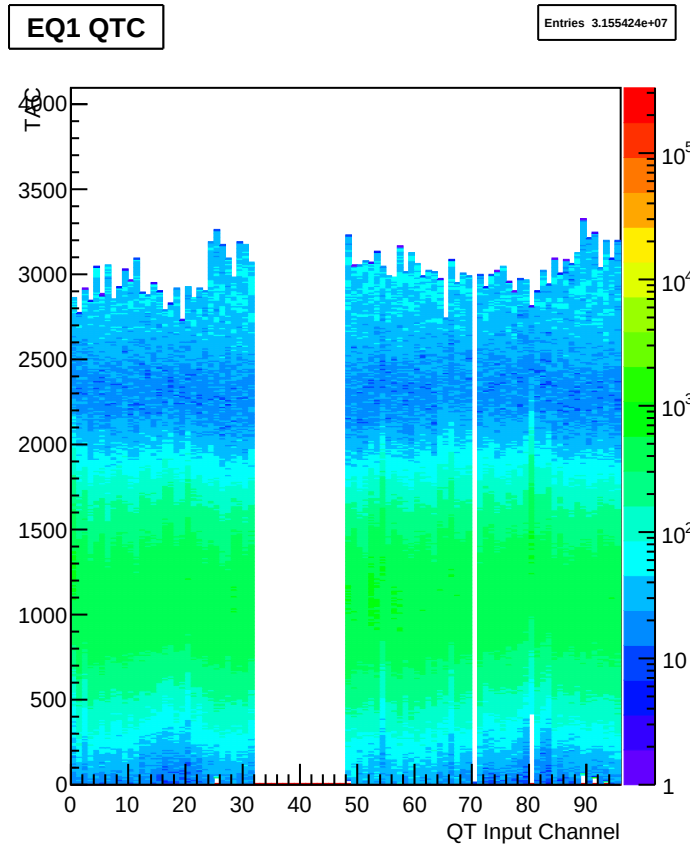

BBQ-VP002 West
Entries 5259040
ADC
QT Input Channel

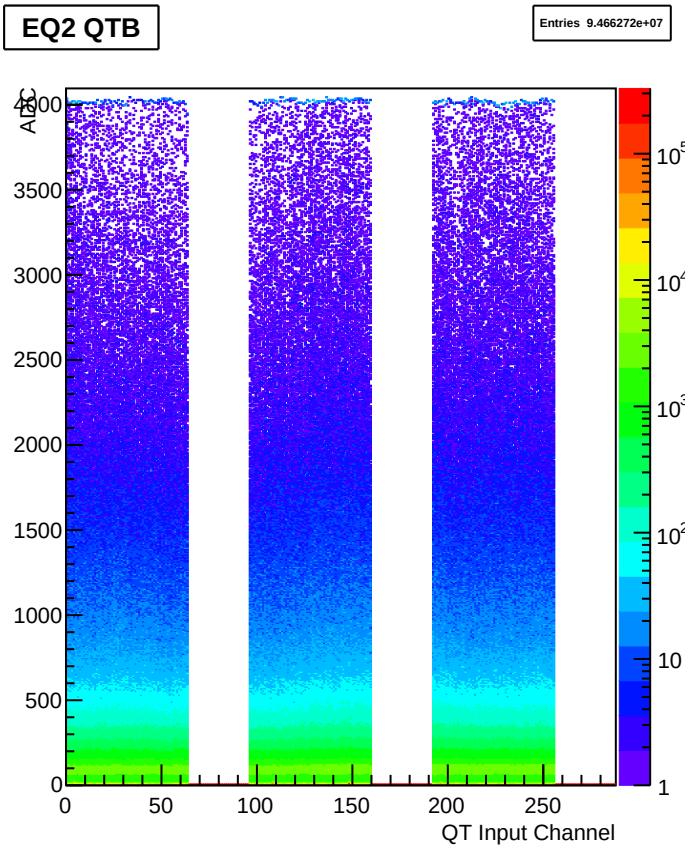

BBQ-VP002 West
Entries 5259040
TADC
QT Input Channel

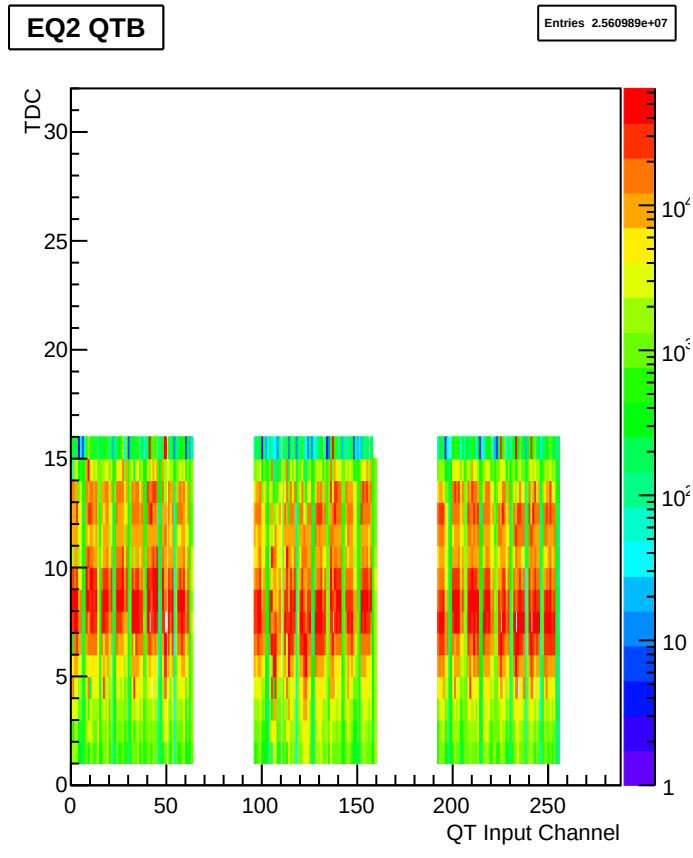

EQ1 QTB
Entries 9.466272e+07
ADC
QT Input Channel

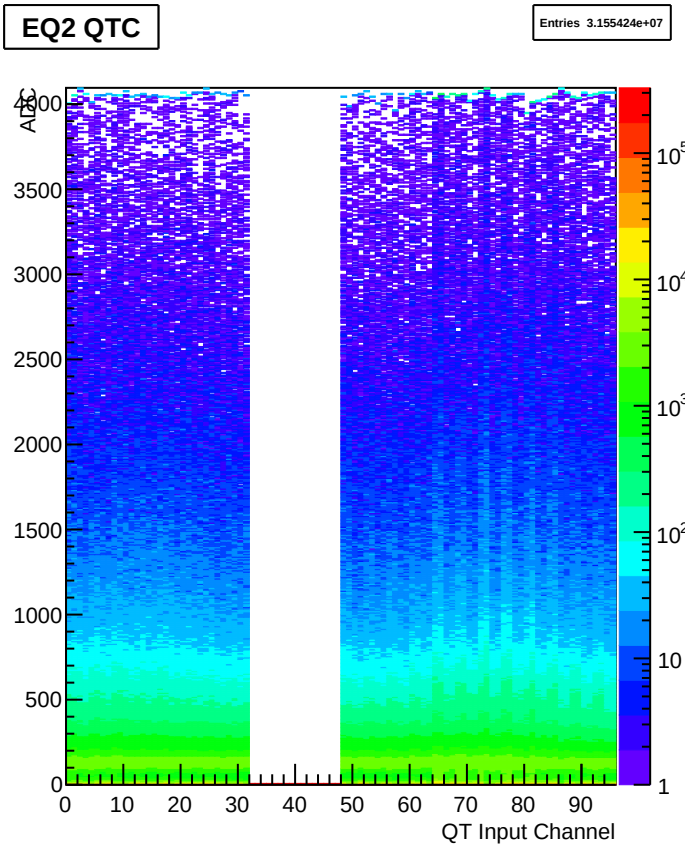

EQ1 QTB
Entries 3.321137e+07
TDC
QT Input Channel

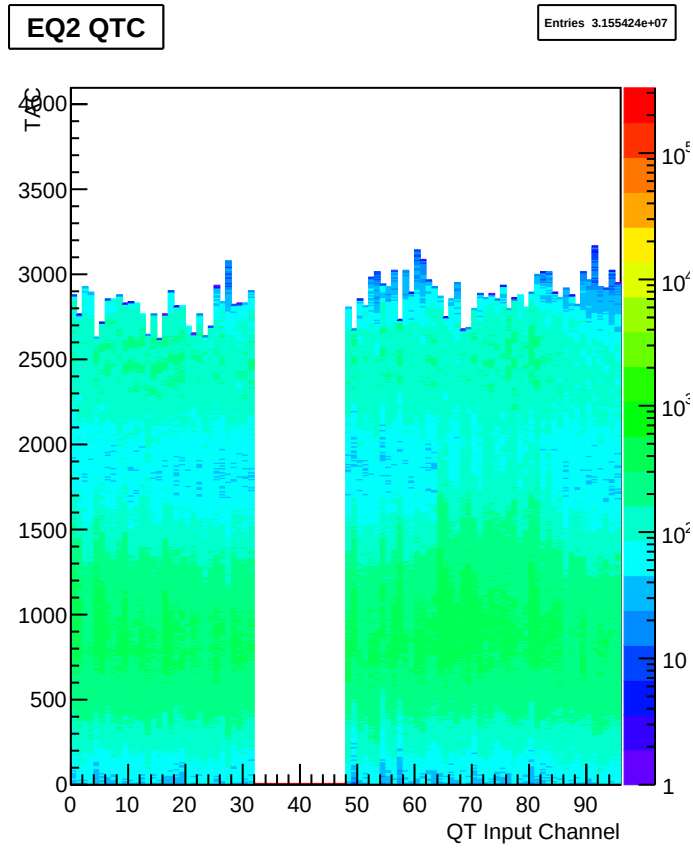

EQ1 QTC
Entries 3.155424e+07
ADC
QT Input Channel

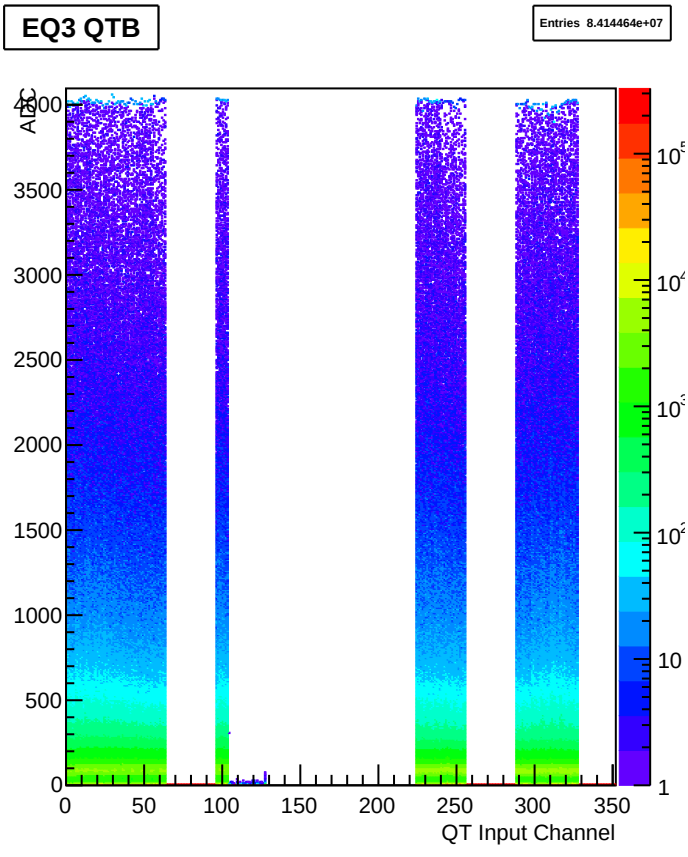

EQ1 QTC
Entries 3.155424e+07
TADC
QT Input Channel

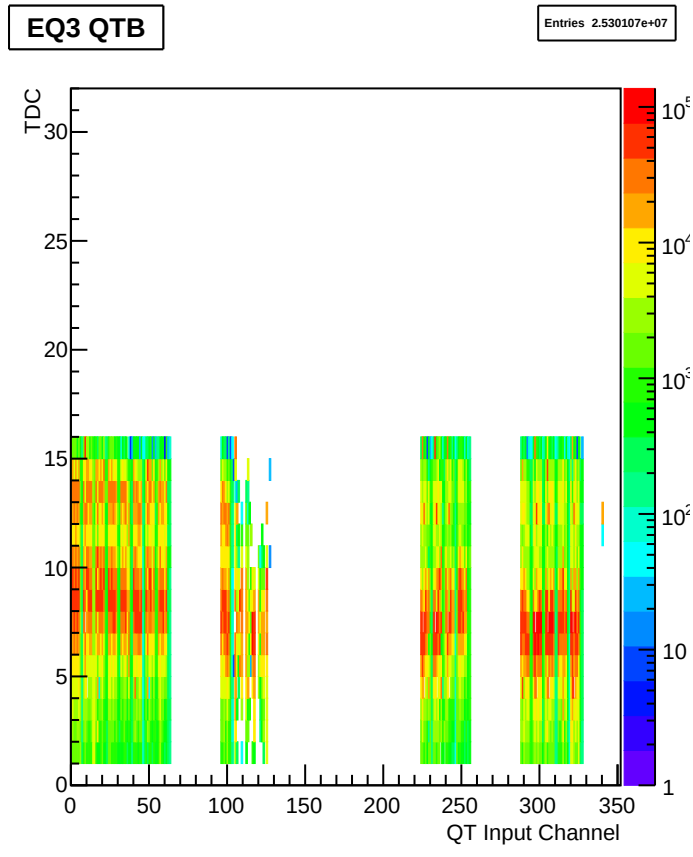

EQ2 QTB
Entries 9.466272e+07
ADC
QT Input Channel

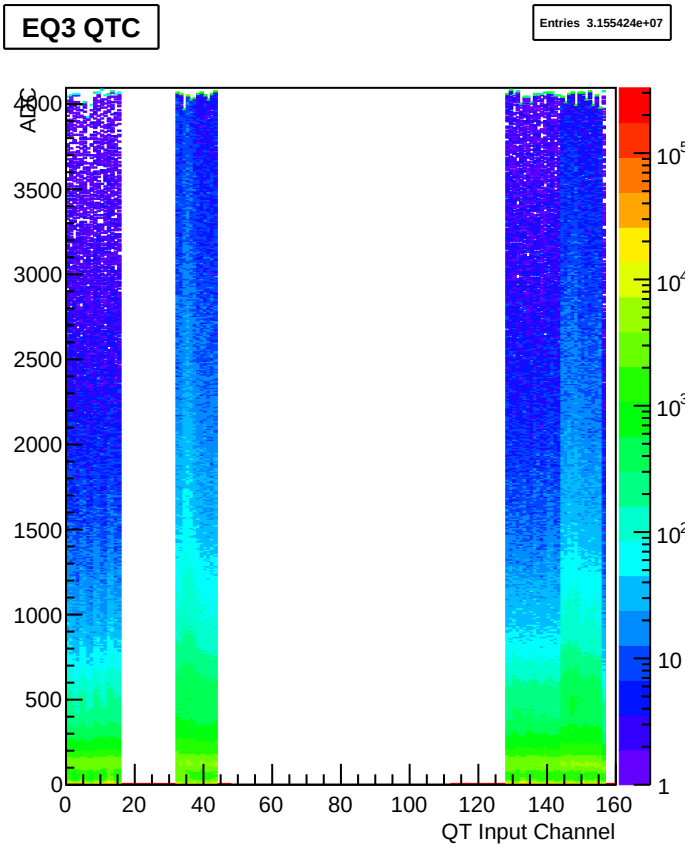

EQ2 QTB
Entries 2.560989e+07
TDC
QT Input Channel

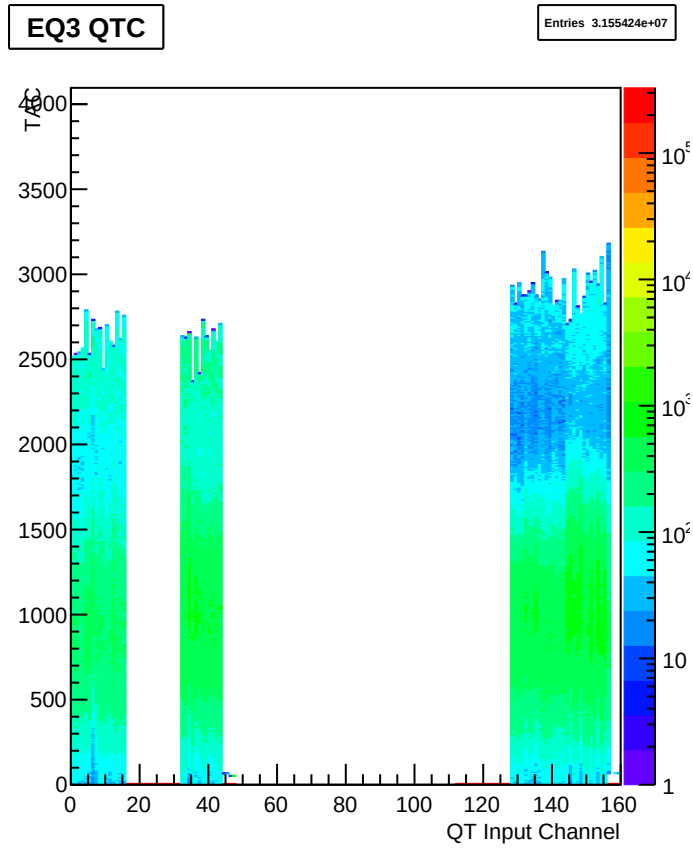

EQ2 QTC
Entries 3.155424e+07
ADC
QT Input Channel

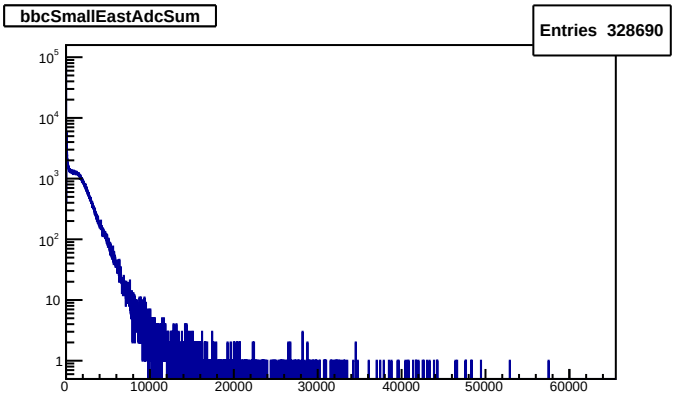

EQ2 QTC
Entries 3.155424e+07
TADC
QT Input Channel

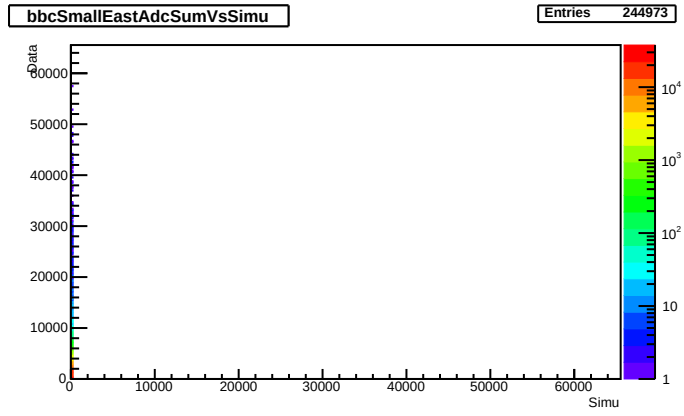

EQ3 QTB
Entries 8.414464e+07
ADC
QT Input Channel

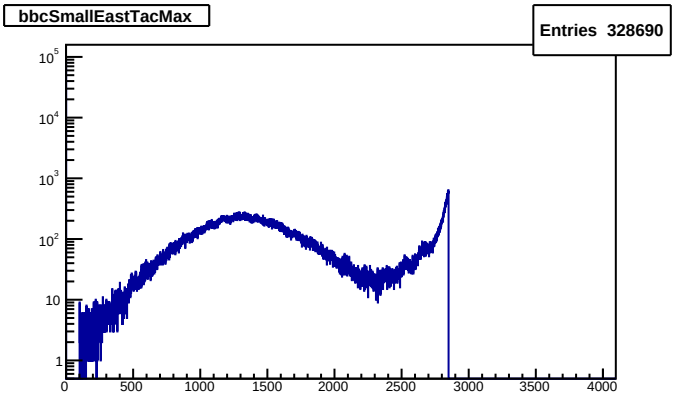

EQ3 QTB
Entries 2.530107e+07
TDC
QT Input Channel

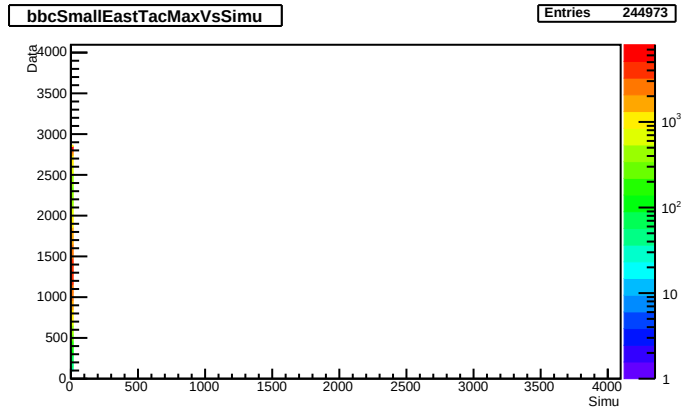

EQ3 QTC
Entries 3.155424e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.155424e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 328690


bbcSmallEastAdcSumVsSimu
Entries 244973
Data
Simu


bbcSmallEastTacMax
Entries 328690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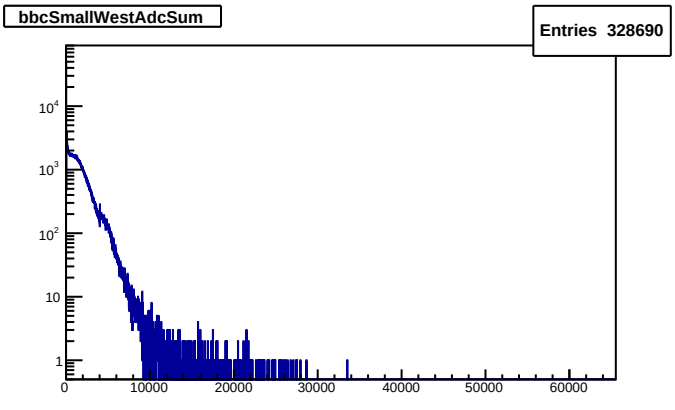
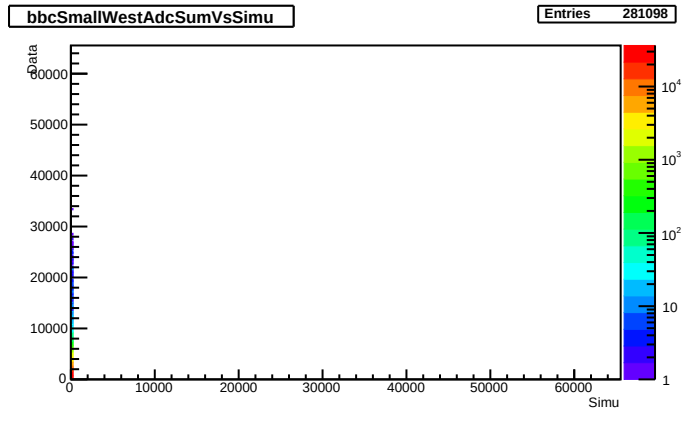
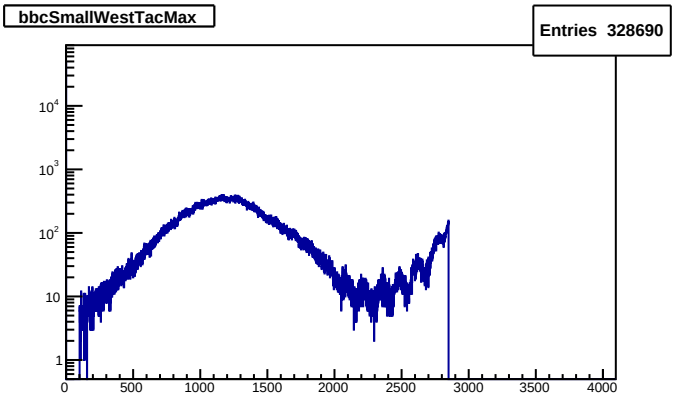
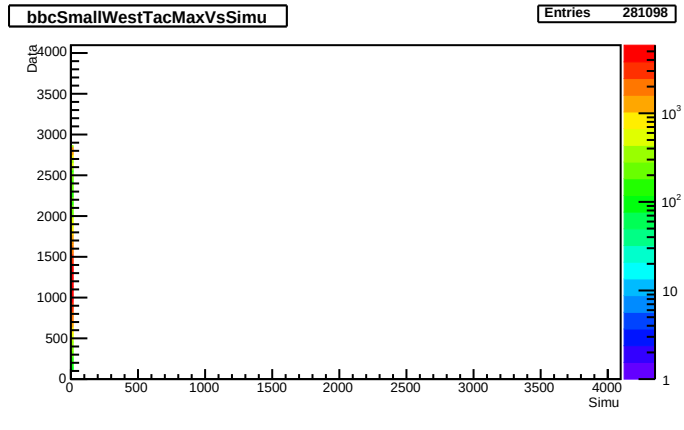
Entries 244973
Data
Simu


bbcSmallWestAdcSum
Entries 328690


bbcSmallWestAdcSumVsSimu
Entries 281098
Data
Simu


bbcSmallWestTacMax
Entries 328690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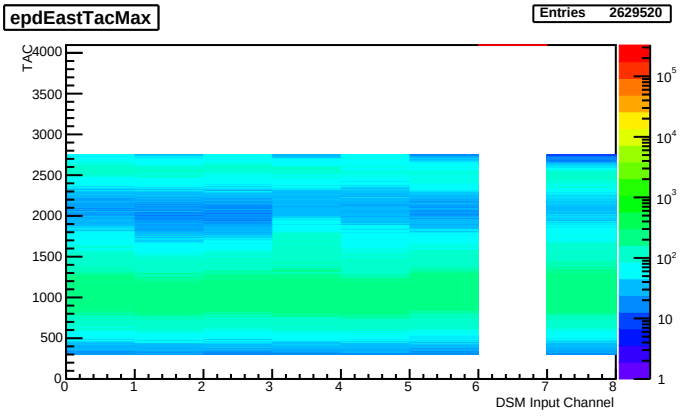
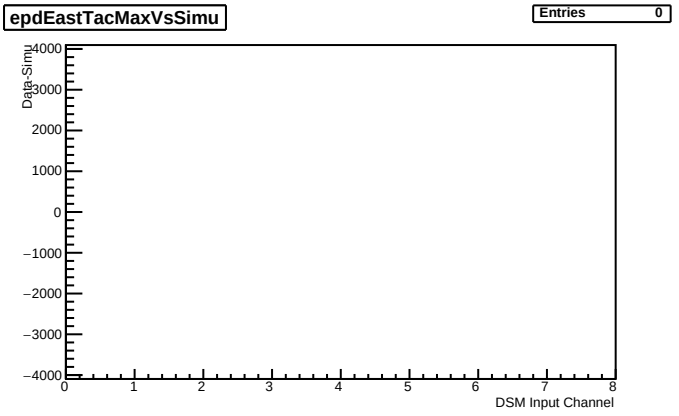
Entries 281098
Data
Simu


epdEastTacMax
Entries 2629520
TAC
DSM Input Channel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Entries 0
Data-Simu
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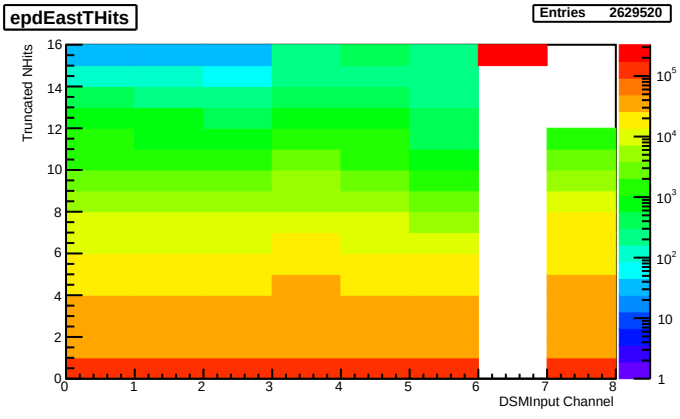
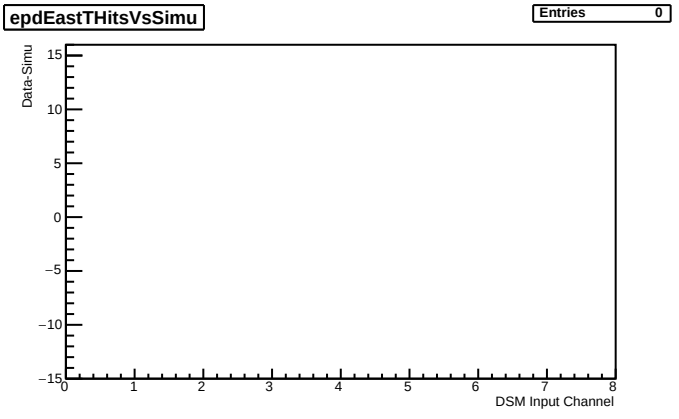

epdEastTHits
Entries 2629520
Truncated NHits
DSMInput Channel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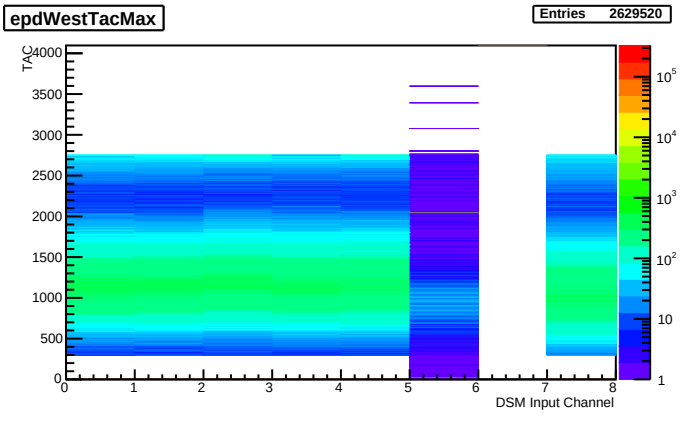
Entries 0
Data-Simu
DSM Input Channel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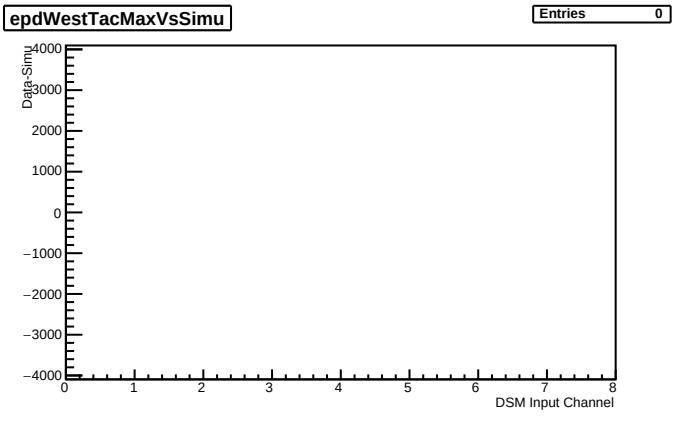
Entries 2629520
TAC
DSM Input Channel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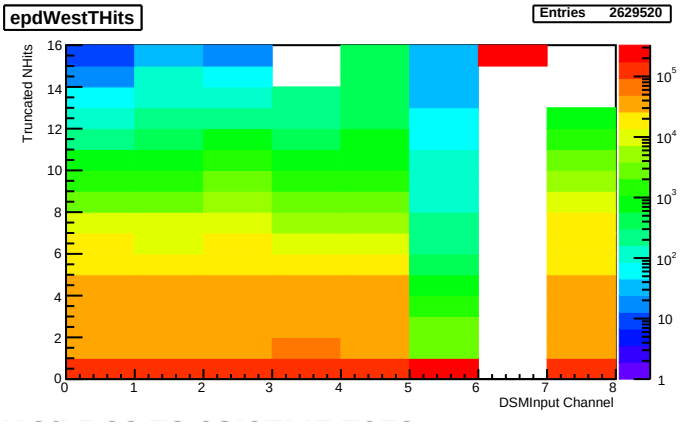
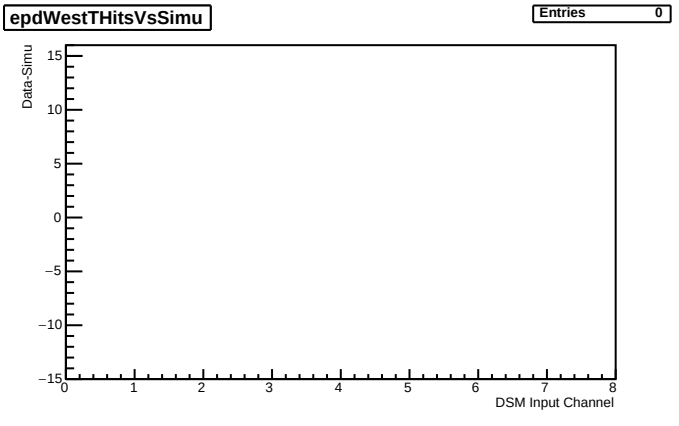
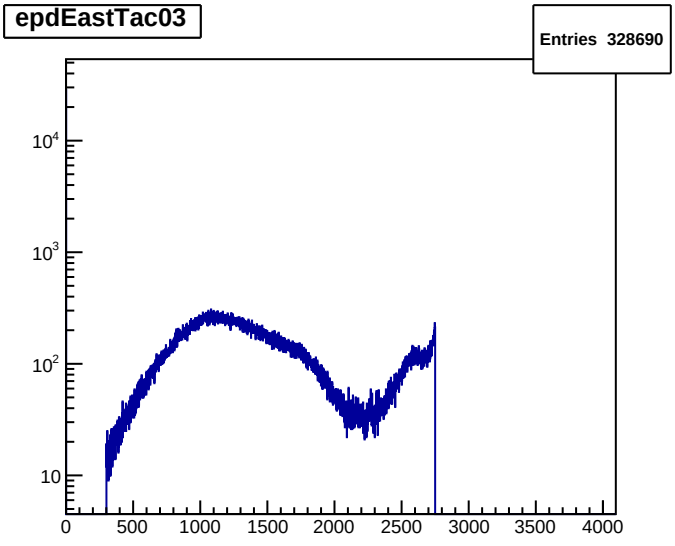
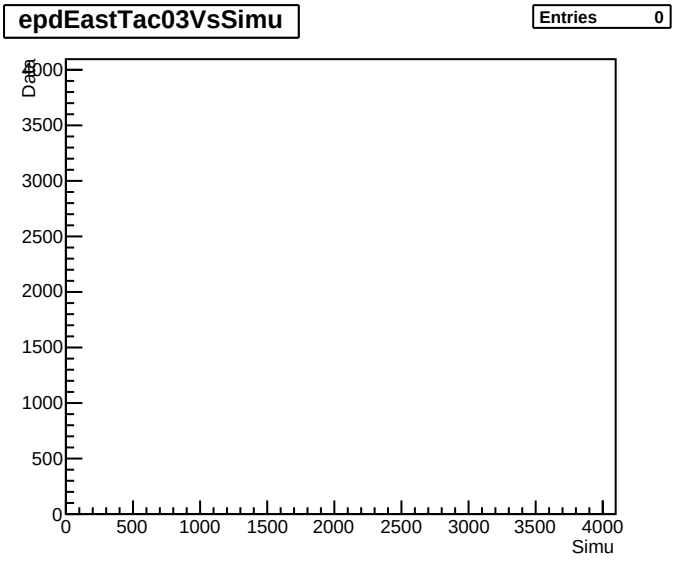
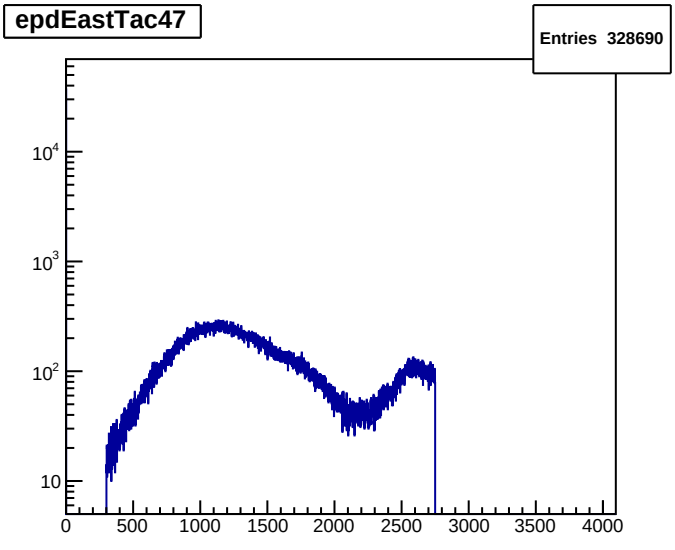
Entries 0
Data-Simu
DSM Input Channel

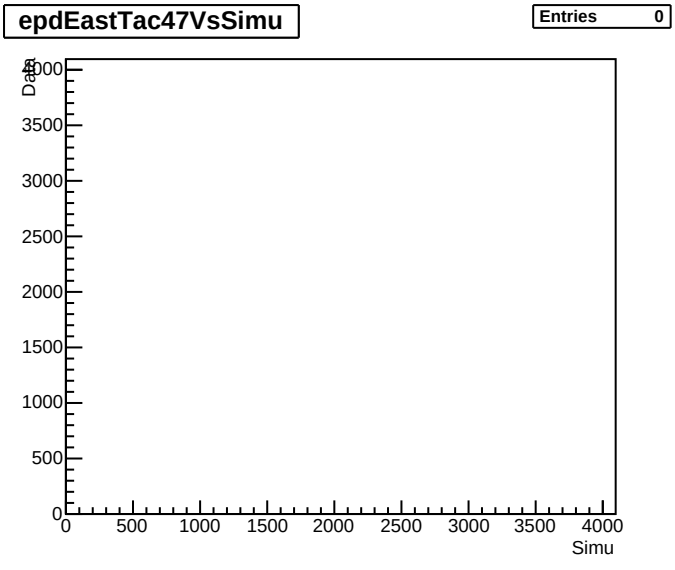

epdWestTHits
Entries 2629520
Truncated NHits
DSMInput Channel

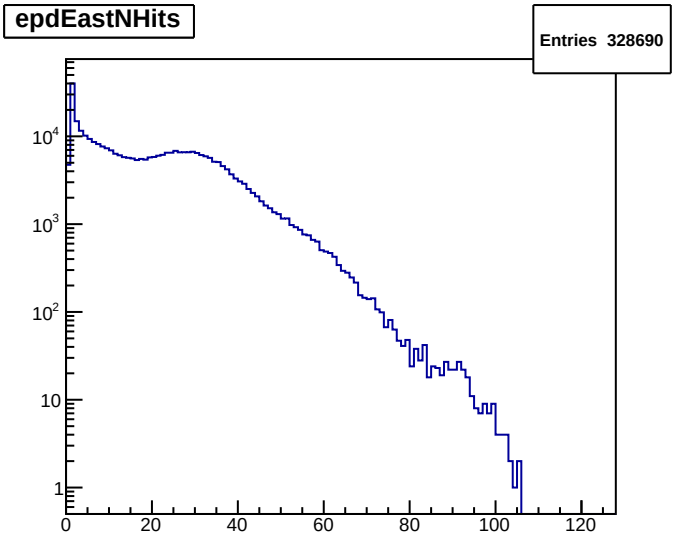

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

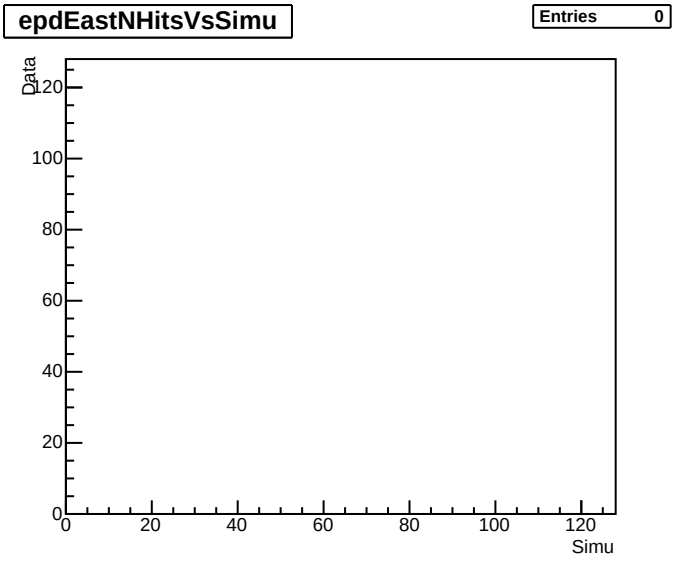

epdEastTac03
Entries 328690


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 328690


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 328690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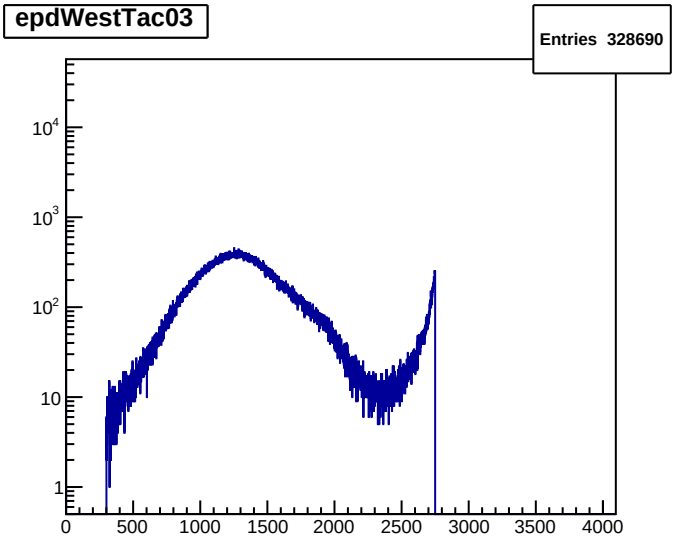
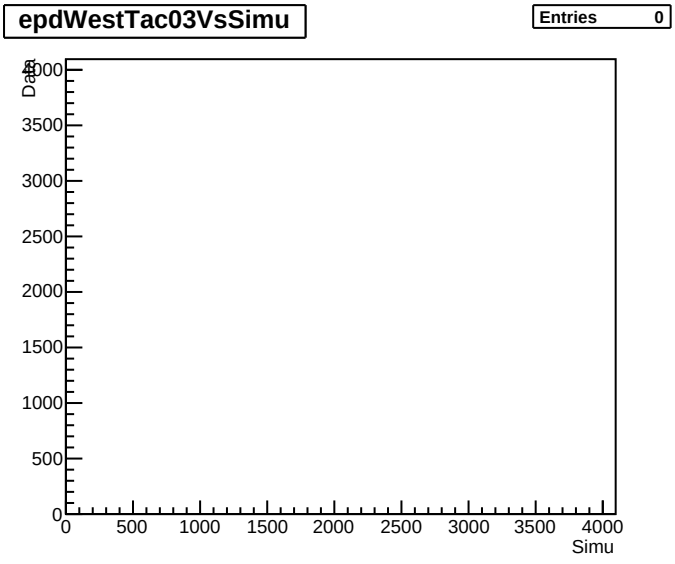
Entries 0
Data
Simu


epdWestTac03
Entries 328690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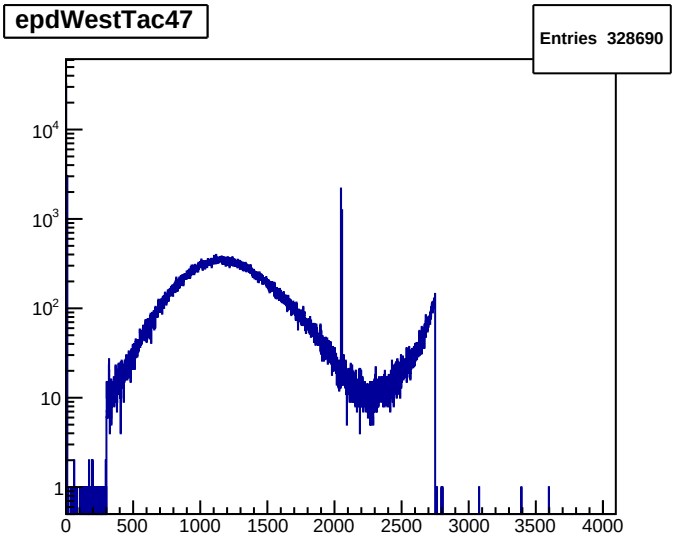
Entries 0
Data
Simu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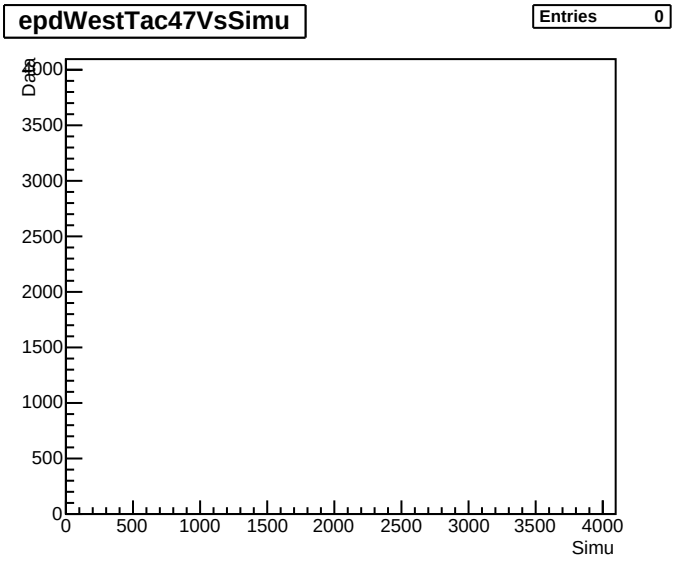
Entries 328690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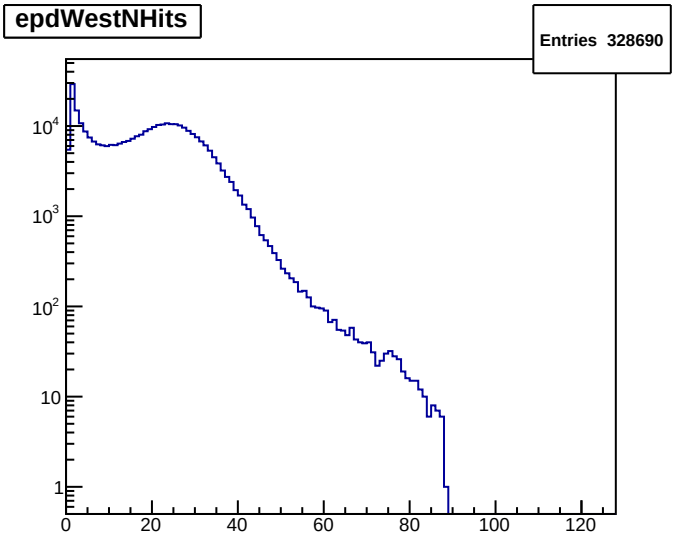
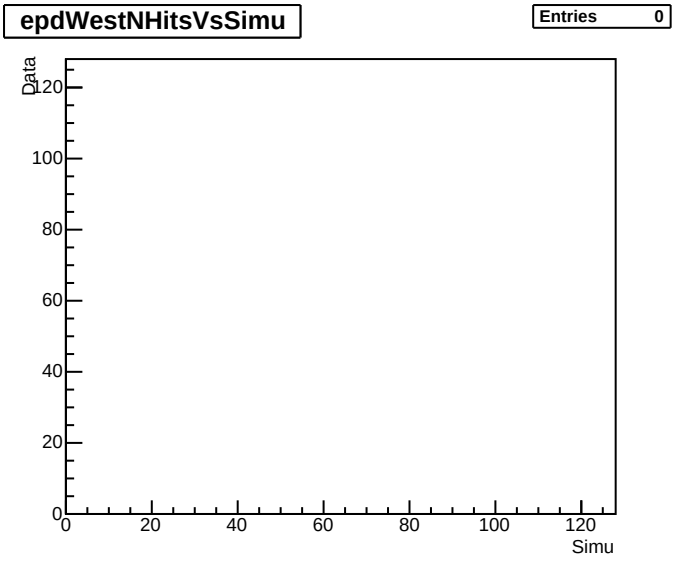
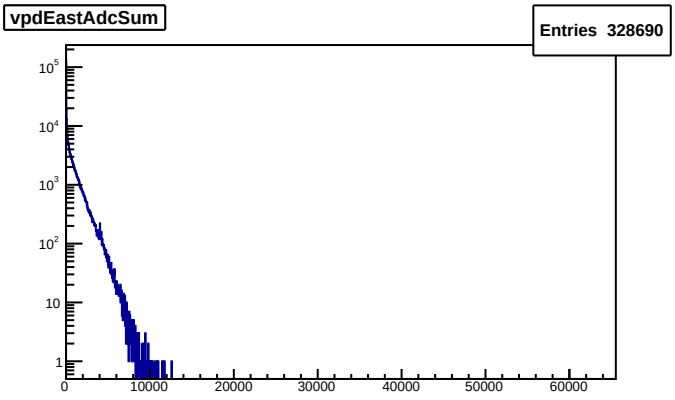
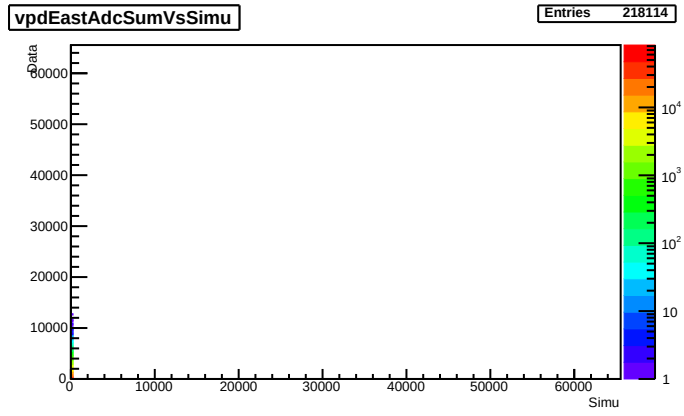
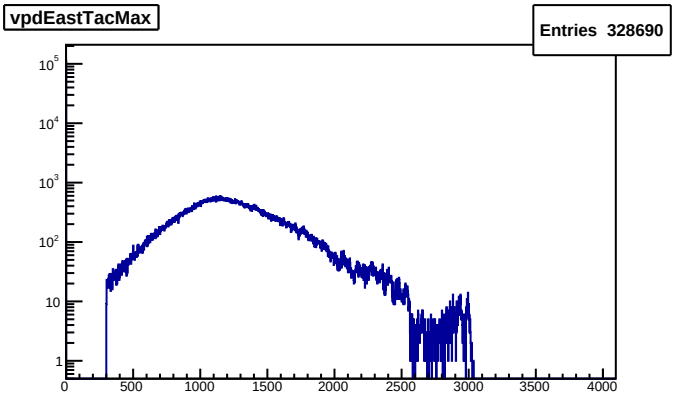
Entries 0
Data
Simu

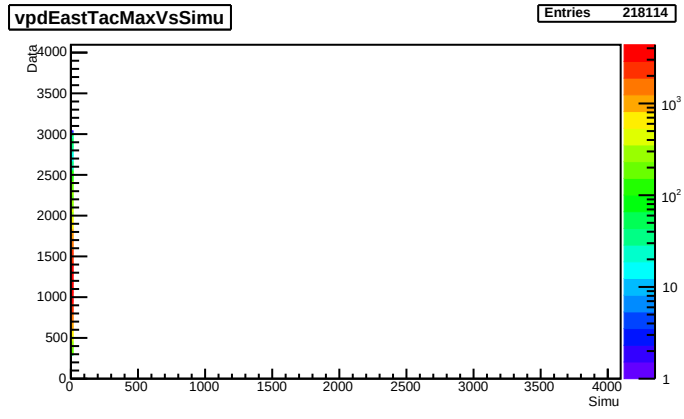

epdWestNHits
Entries 328690

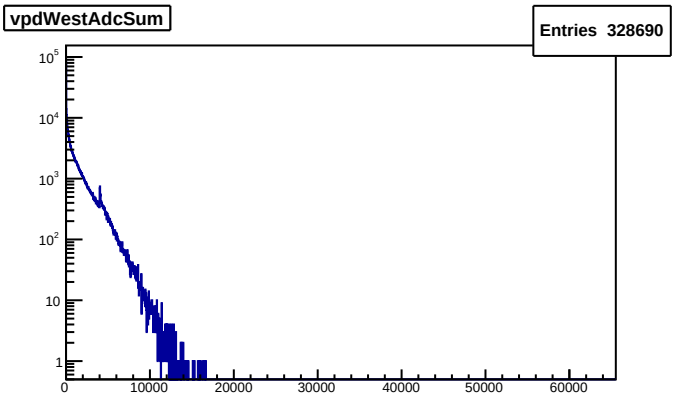

epdWestNHitsVsSimu
Entries 0
Data
Simu

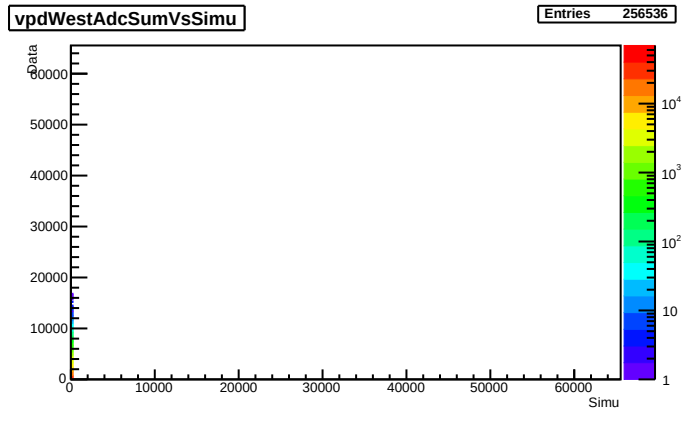

vpdEastAdcSum
Entries 328690

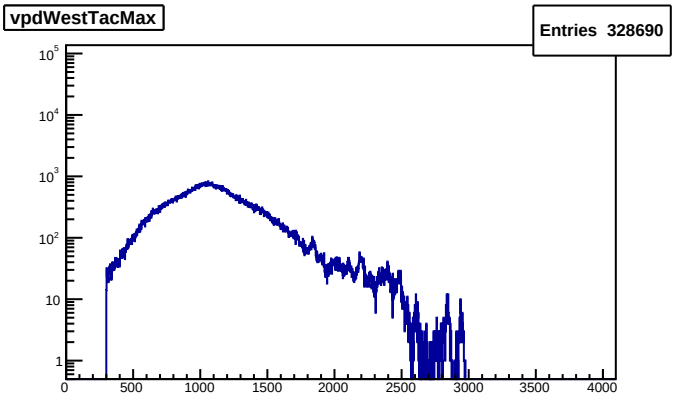

vpdEastAdcSumVsSimu
Entries 218114
Data
Simu

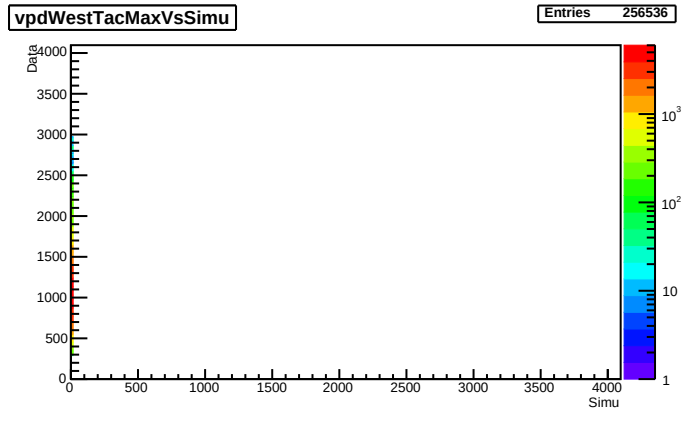

vpdEastTacMax
Entries 328690

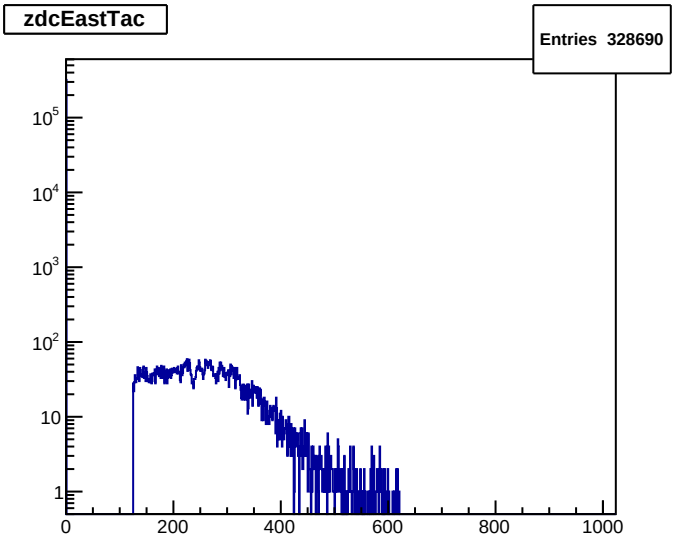

vpdEastTacMaxVsSimu
Entries 218114
Data
Simu

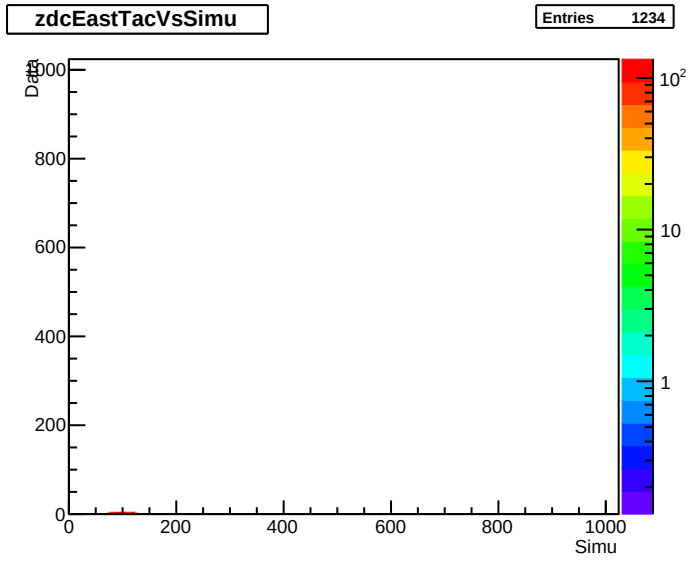

vpdWestAdcSum
Entries 328690

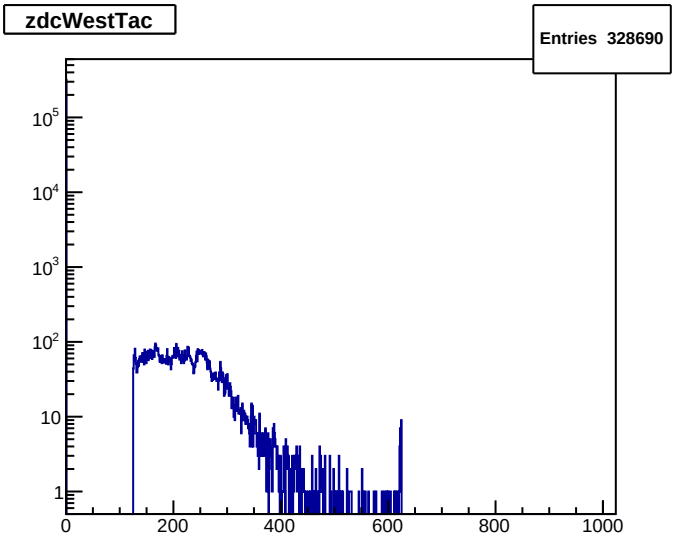

vpdWestAdcSumVsSimu
Entries 256536
Data
Simu

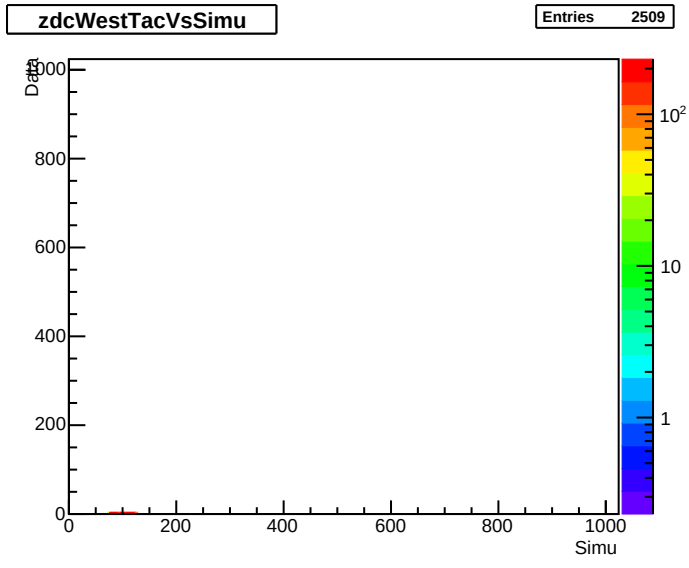

vpdWestTacMax
Entries 328690

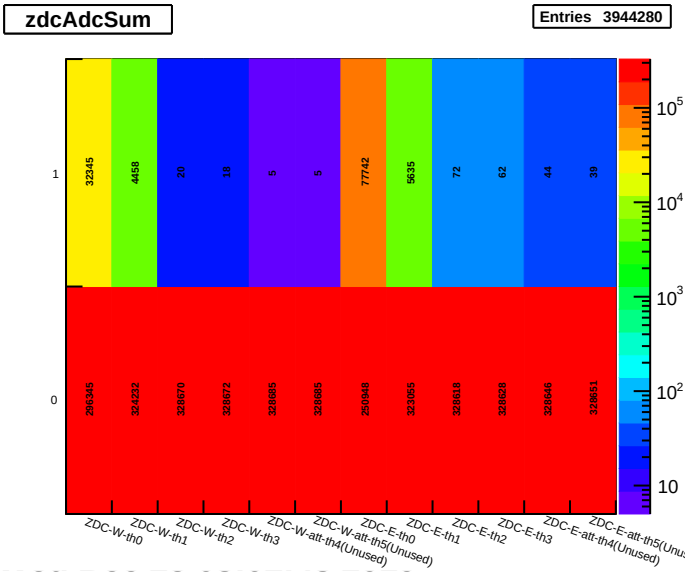

vpdWestTacMaxVsSimu
Entries 256536
Data
Simu

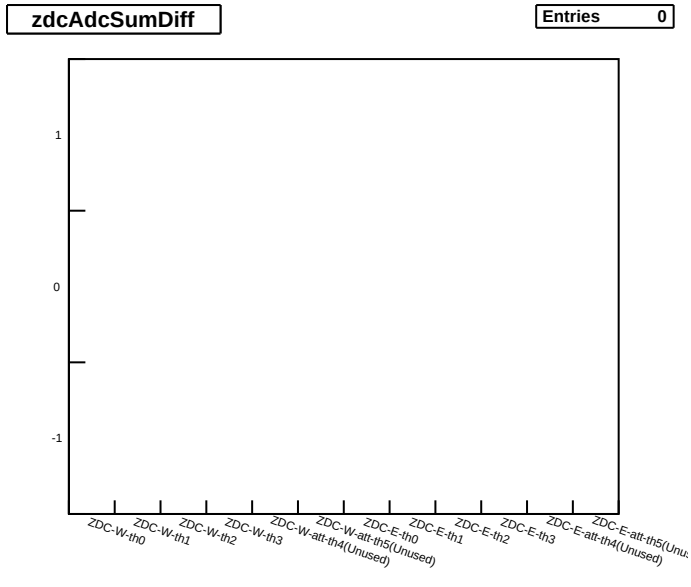

zdcEastTac
Entries 328690

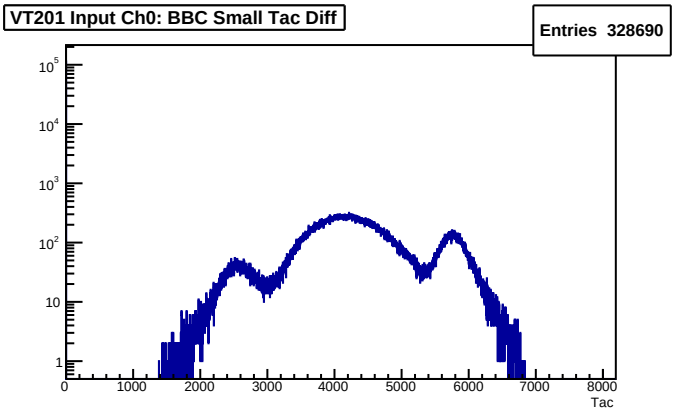

zdcEastTacVsSimu
Entries 1234
Data
Simu

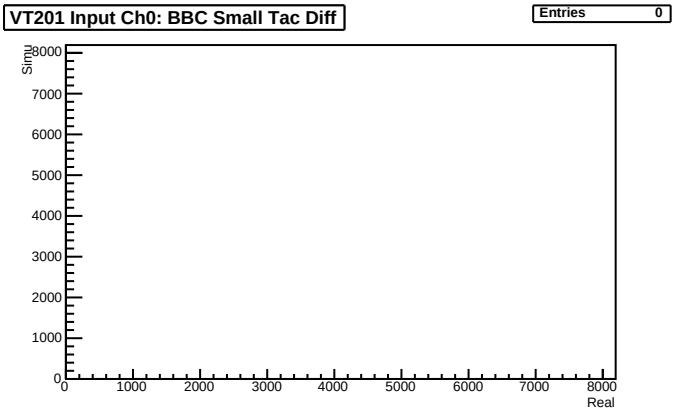

zdcWestTac
Entries 328690

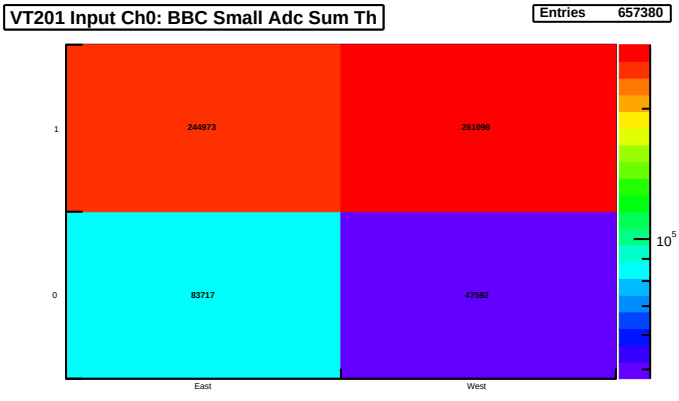

zdcWestTacVsSimu
Entries 2509
Data
Simu

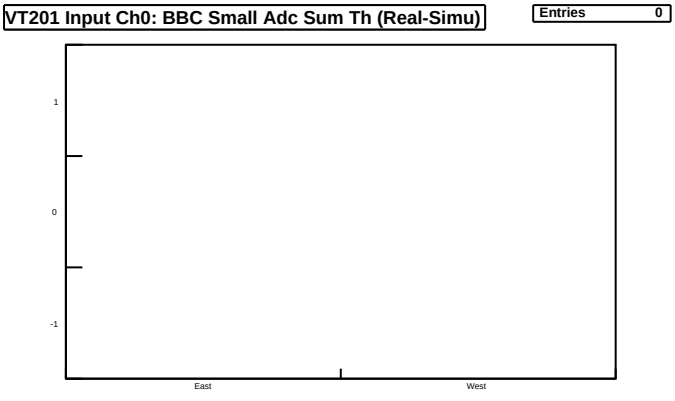

zdcAdcSum
Entries 3944280
32345
4458
20
18
5
5
77742
5635
72
62
44
39
296345
324232
328670
328672
328685
328685
250948
323055
328618
328628
328646
328651
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

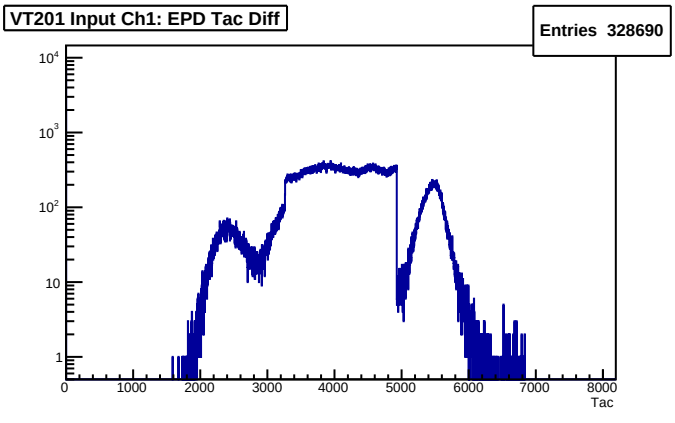

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

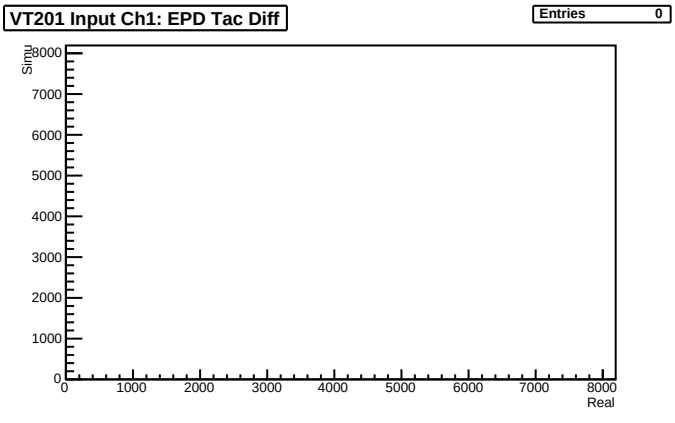

VT201 Input Ch0: BBC Small Tac Diff
Entries 328690
Tac

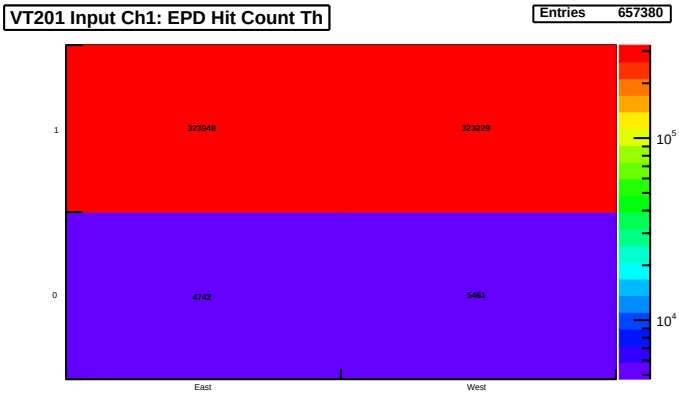

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

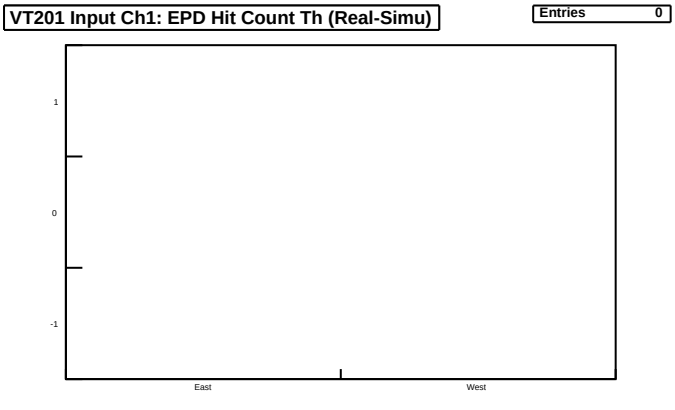

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 657380
244973
281098
83717
47592
East
West

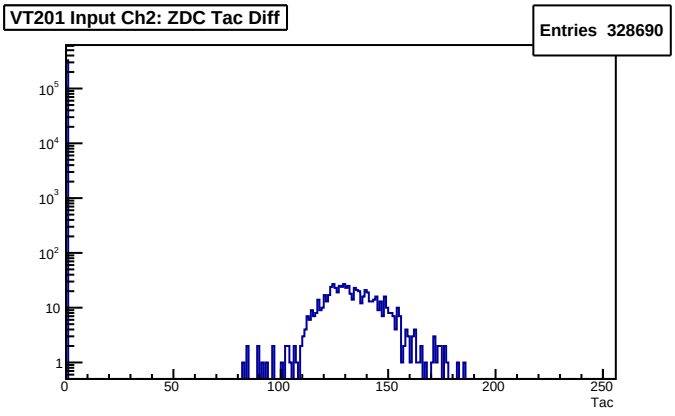

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

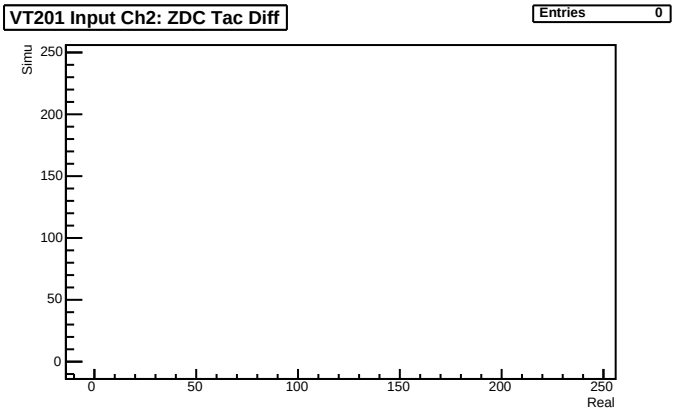

VT201 Input Ch1: EPD Tac Diff
Entries 328690
Tac

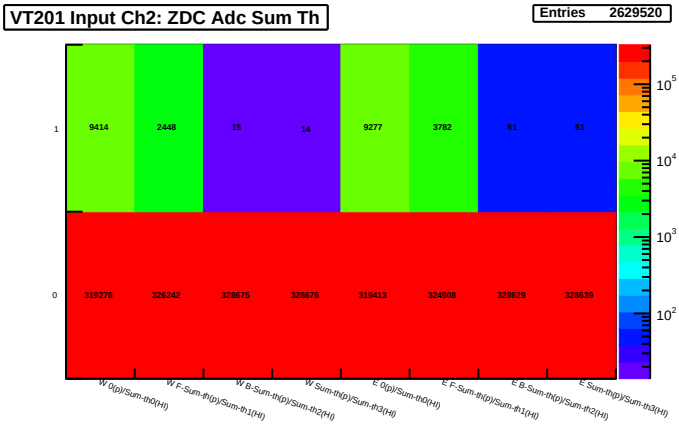

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

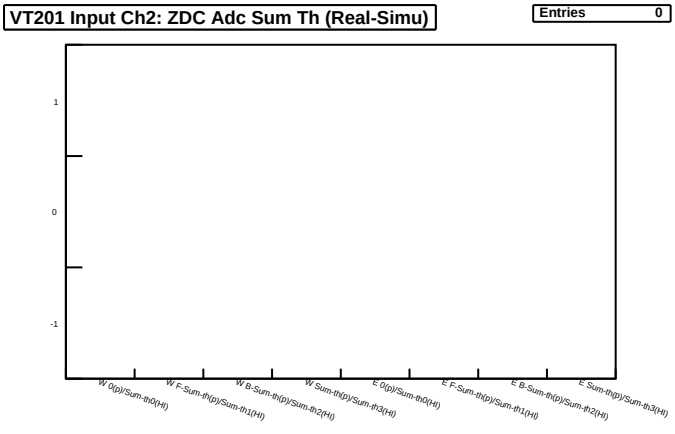

VT201 Input Ch1: EPD Hit Count Th
Entries 657380
323948
323229
4742
5461
East
West

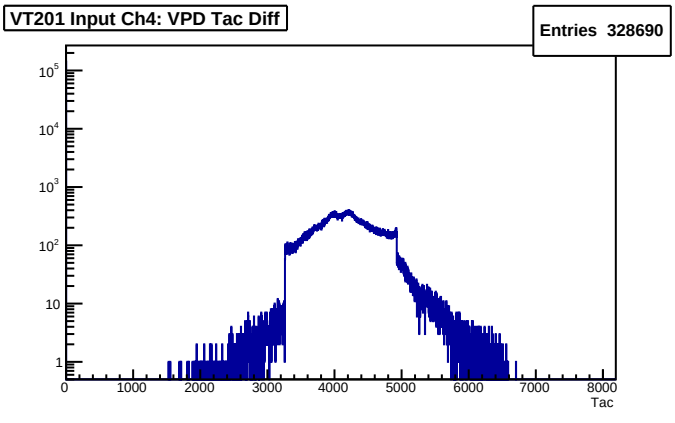

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

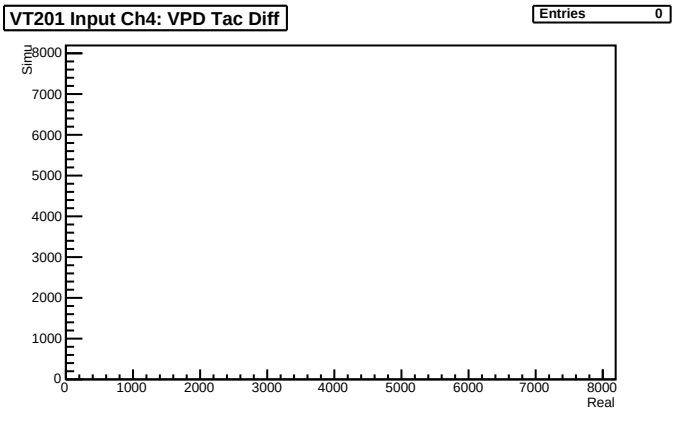

VT201 Input Ch2: ZDC Tac Diff
Entries 328690
Tac

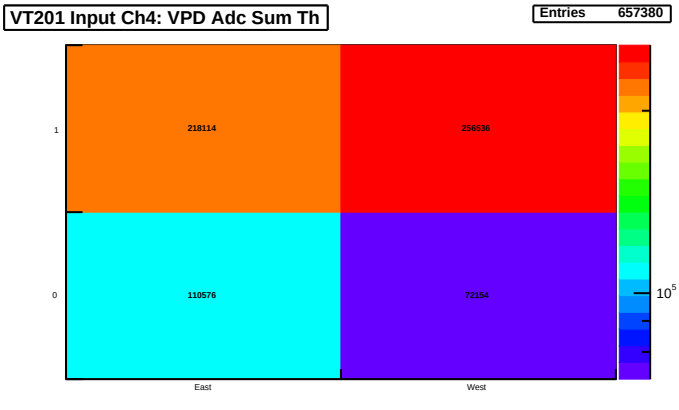

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

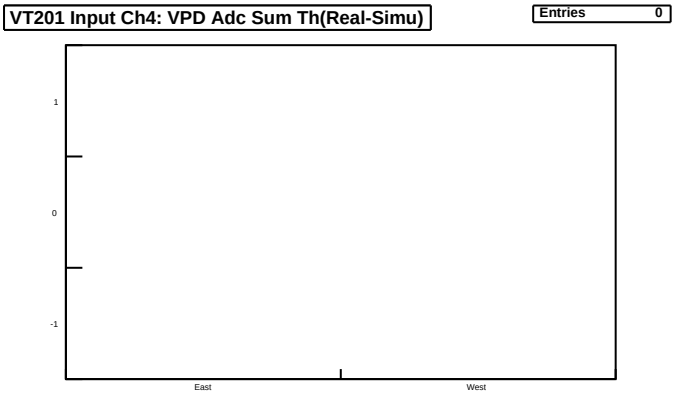

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2629520
9414
2448
15
14
9277
3782
61
51
319276
326242
328675
328676
319413
324908
328629
328639
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

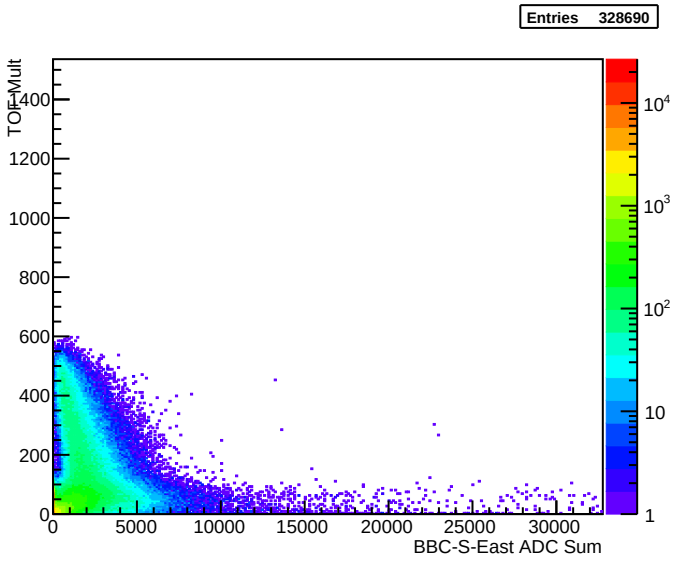

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

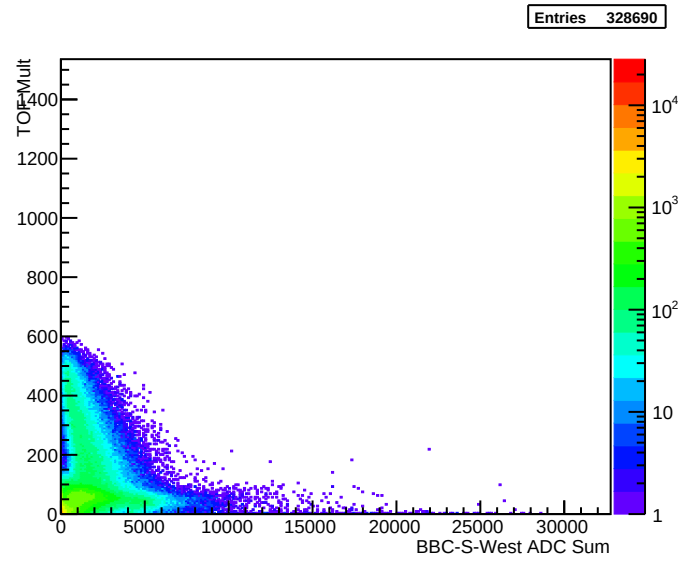

VT201 Input Ch4: VPD Tac Diff
Entries 328690
Tac

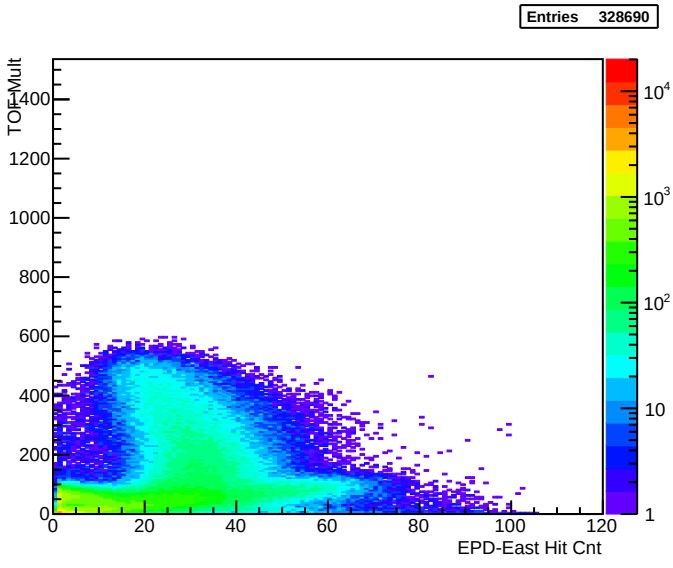

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

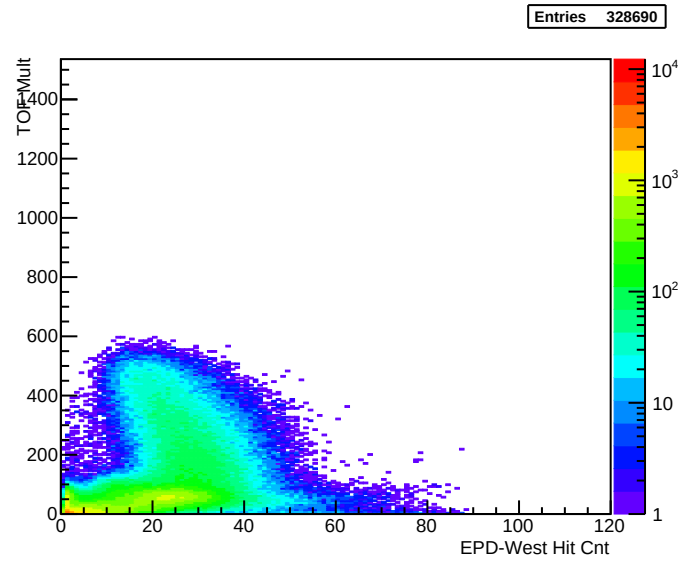

VT201 Input Ch4: VPD Adc Sum Th
Entries 657380
218114
250536
110576
72154
East
West

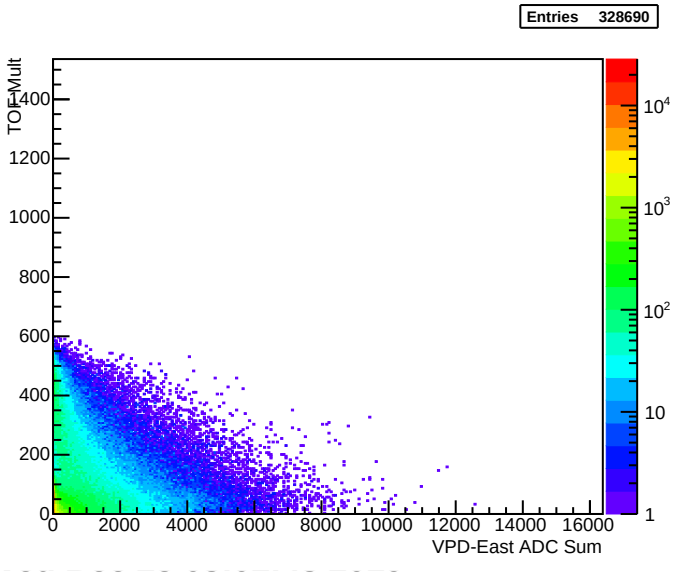

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

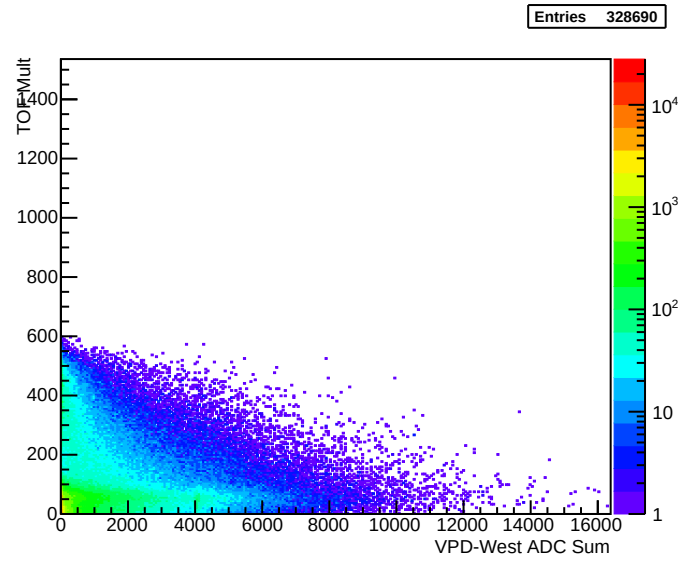

Entries 328690
TOF-Mult
BBC-S-East ADC Sum

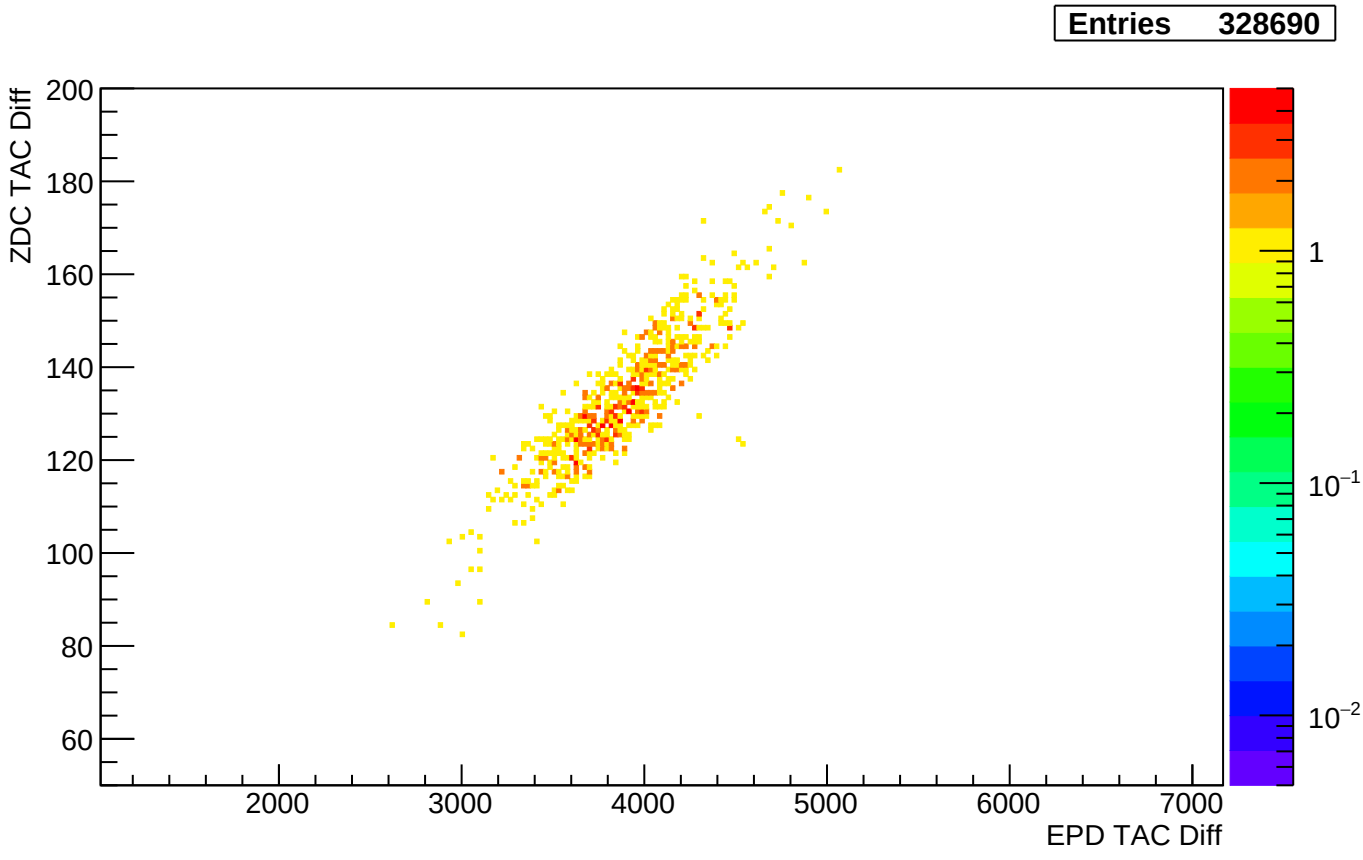

Entries 328690
TOF-Mult
BBC-S-West ADC Sum

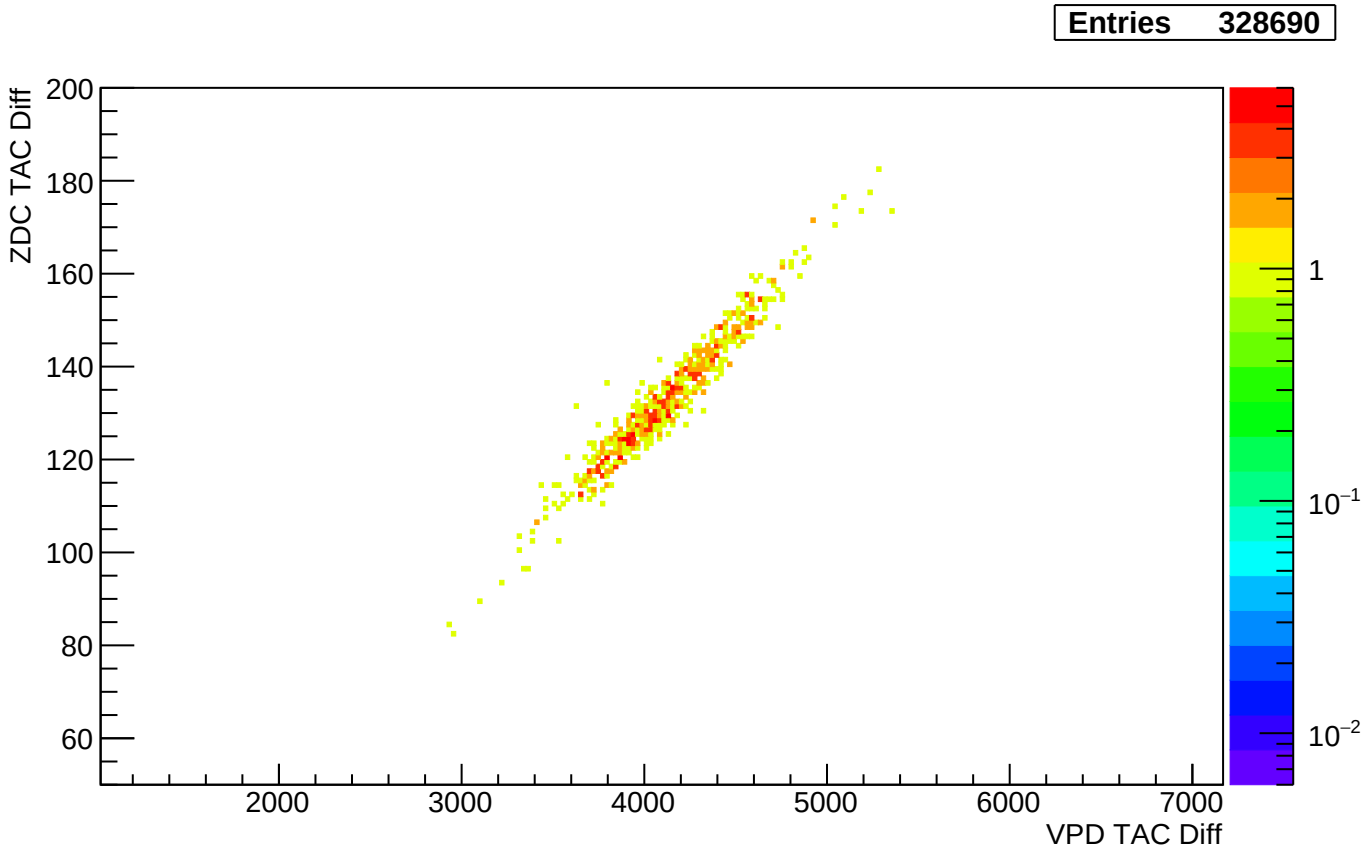

Entries 328690
TOF-Mult
EPD-East Hit Cnt

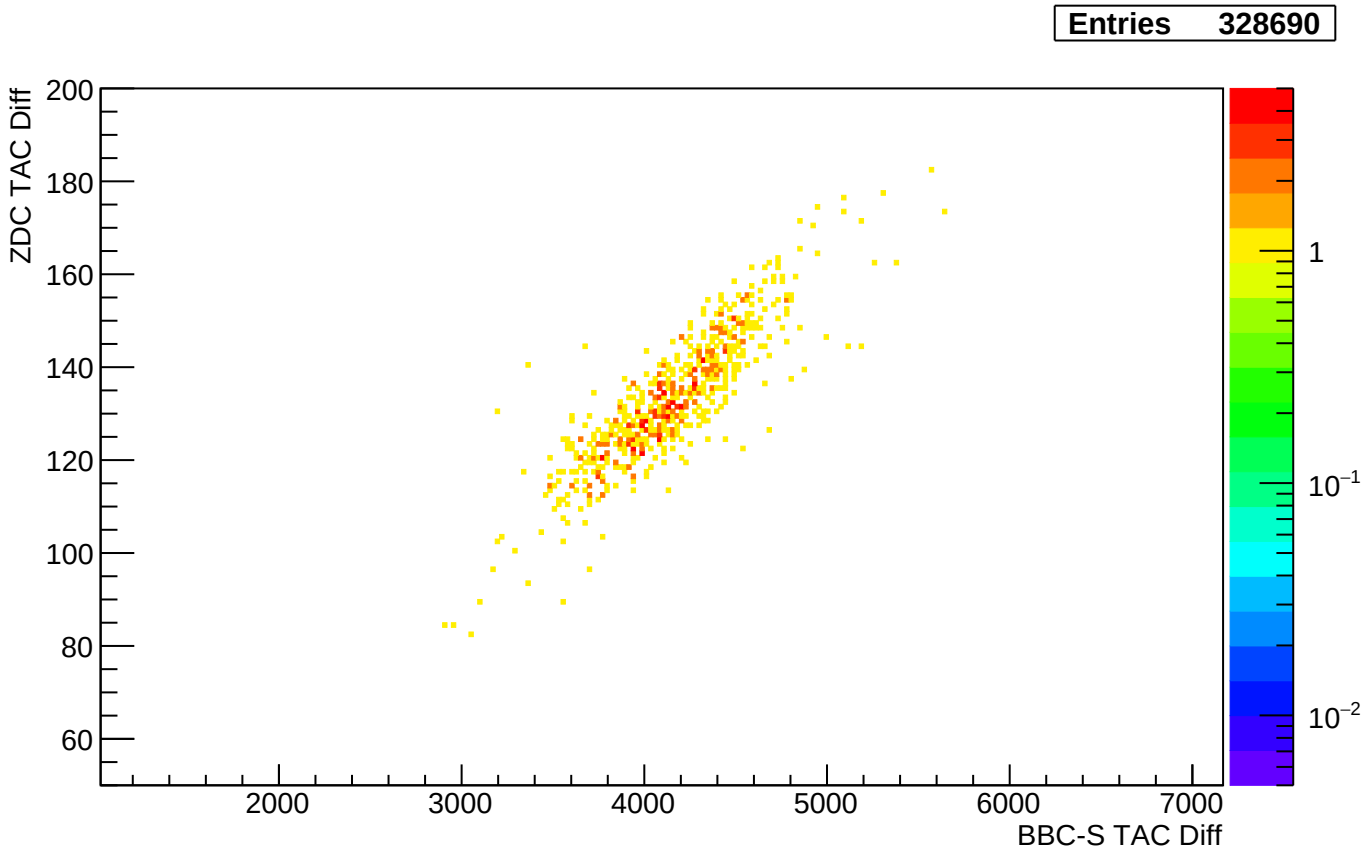

Entries 328690
TOF-Mult
EPD-West Hit Cnt

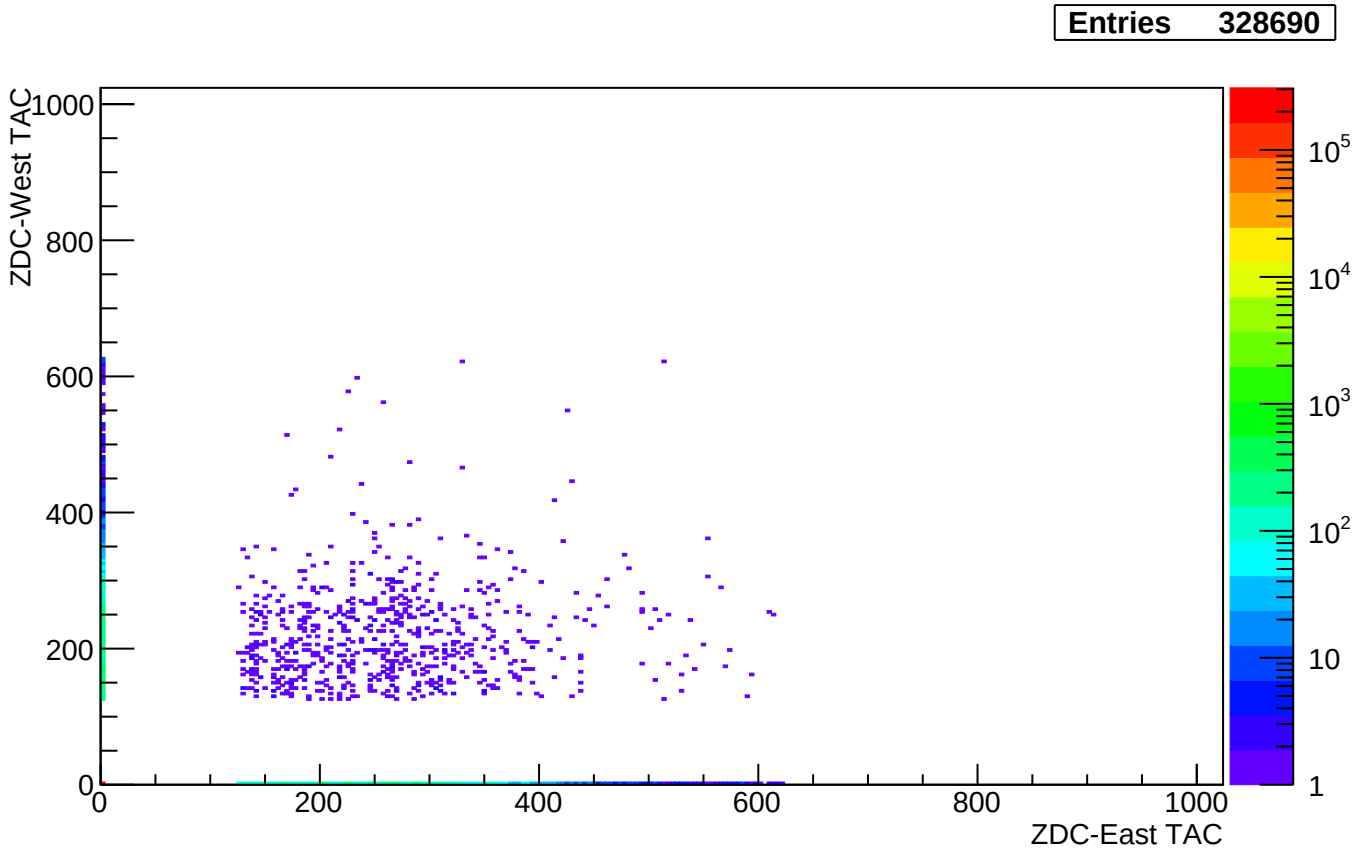

Entries 328690
TOF-Mult
VPD-East ADC Sum

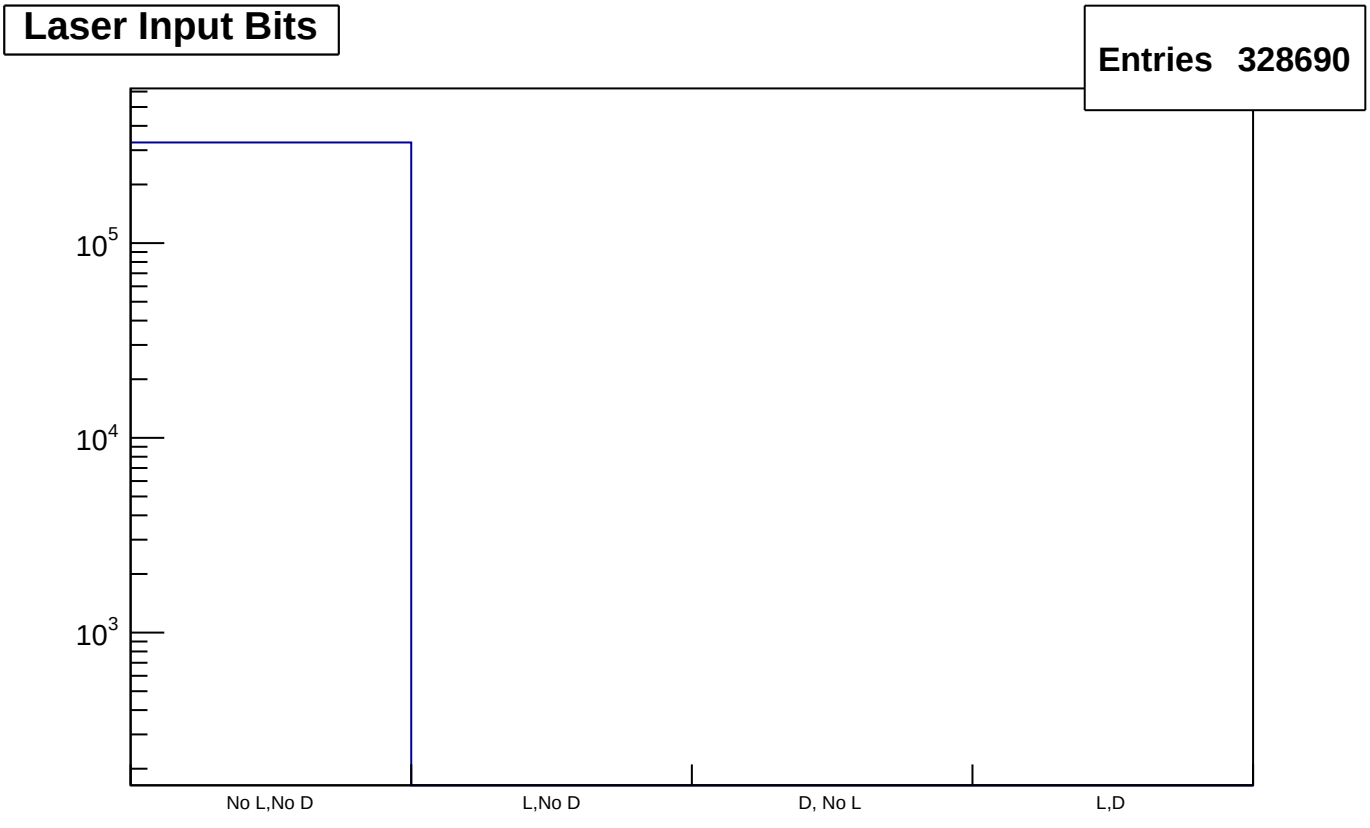

Entries 328690
TOF-Mult
VPD-West ADC Sum

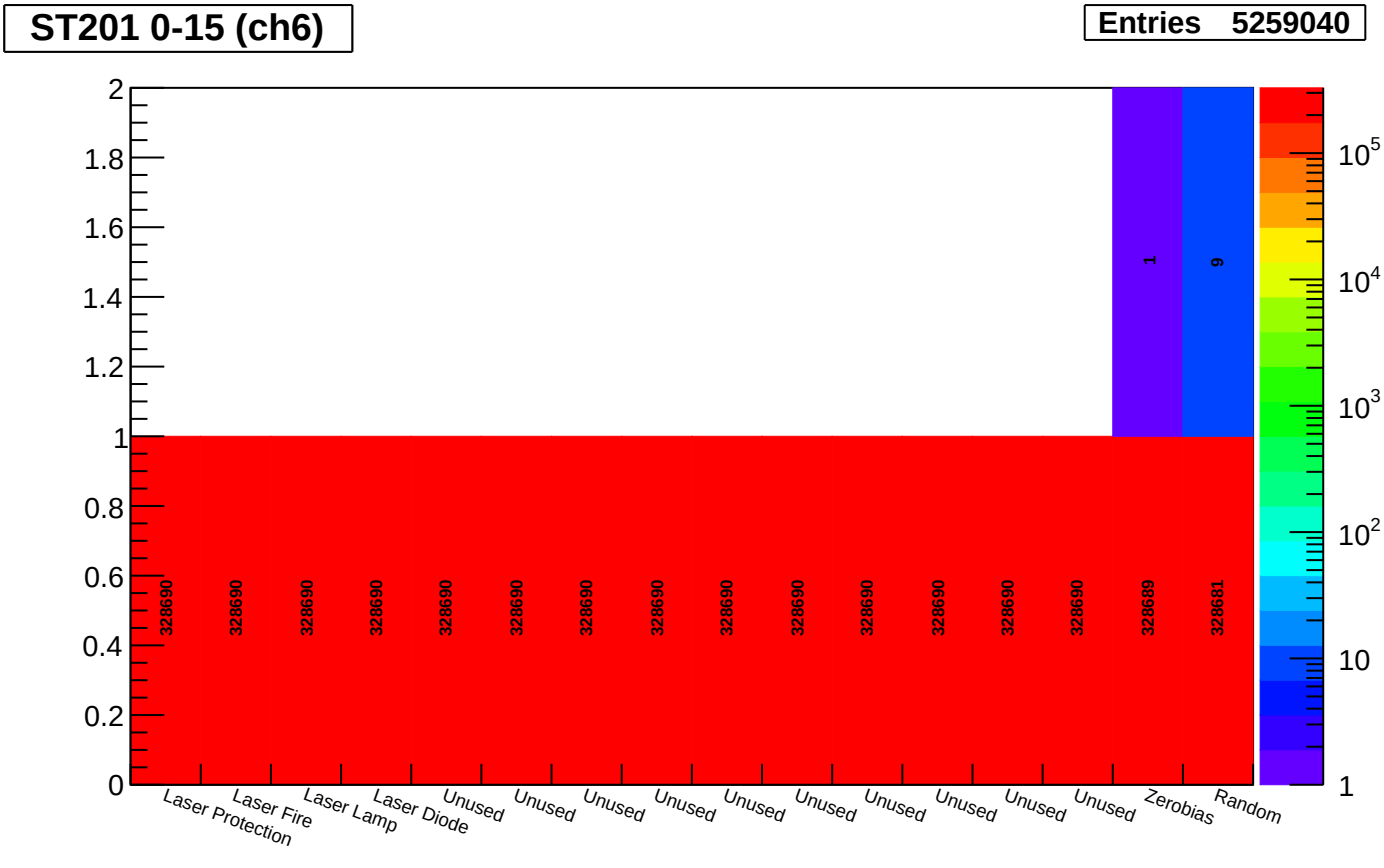

Entries 328690
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

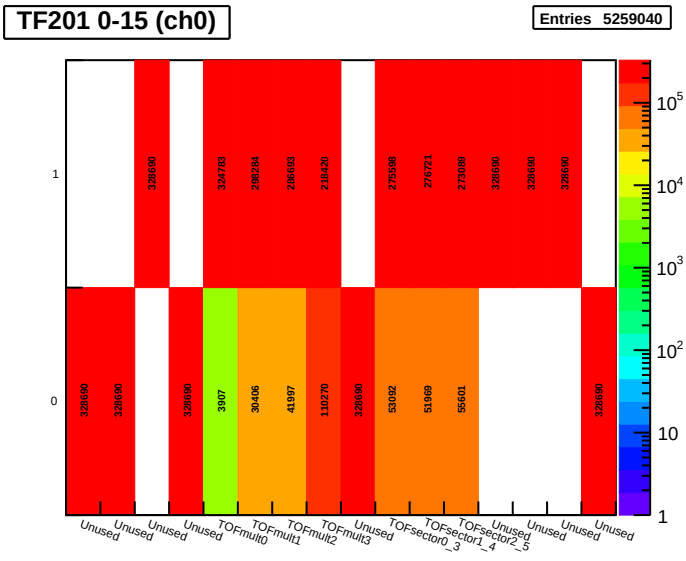

Entries 328690
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

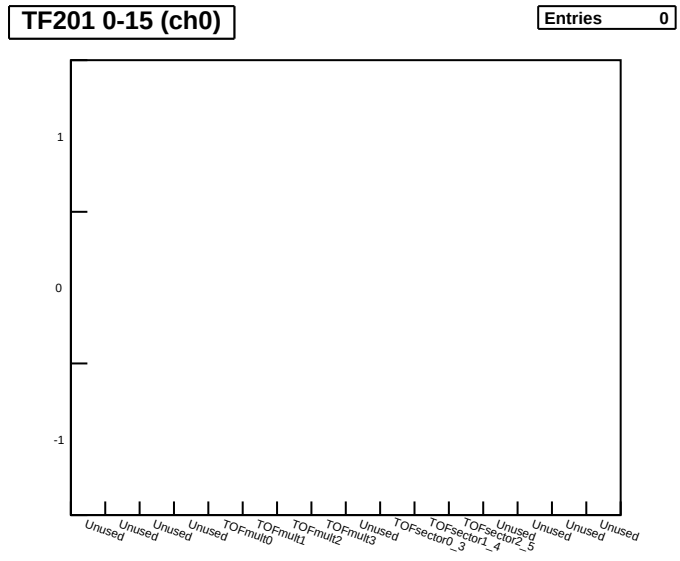

Entries 328690
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

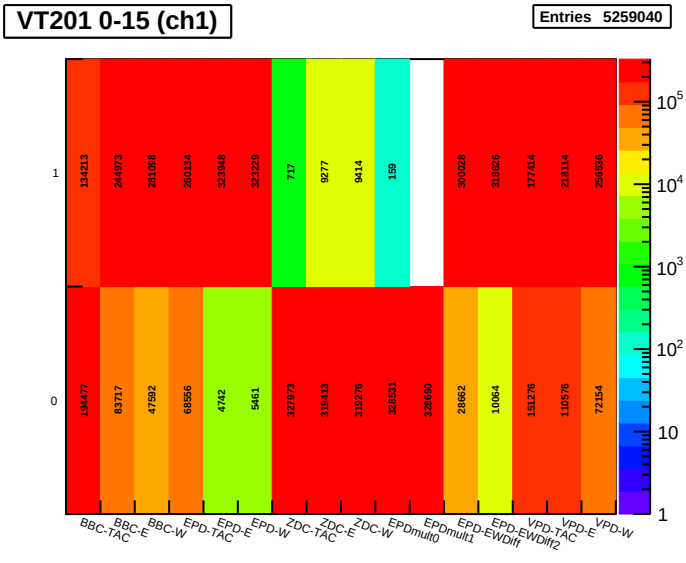

Entries 328690
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

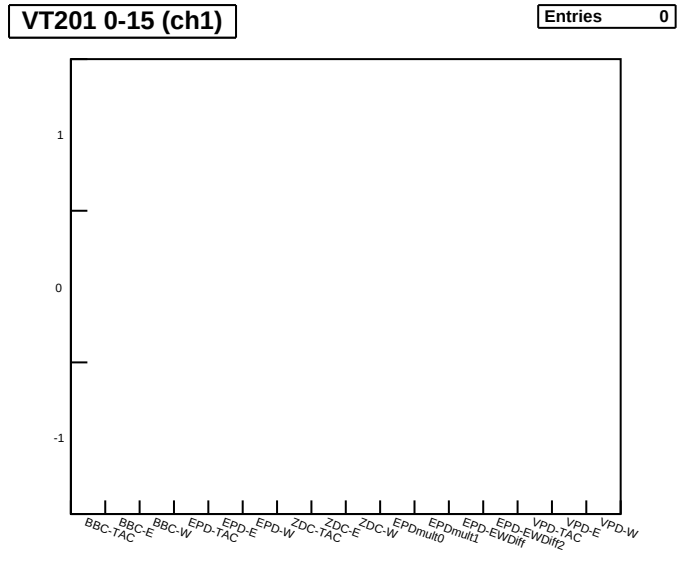

Laser Input Bits
Entries 328690
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

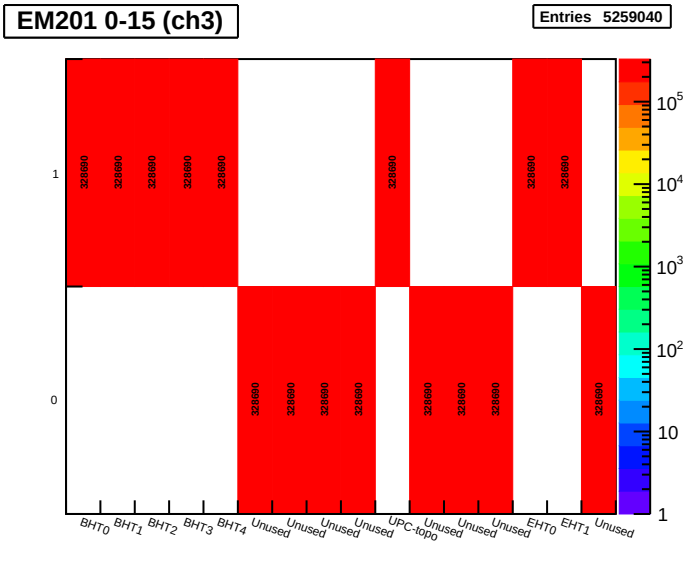

ST201 0-15 (ch6)
Entries 5259040
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
328690
328690
328690
328690
328690
328690
328690
328690
328690
328690
328690
328690
328690
328690
328689
328681
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

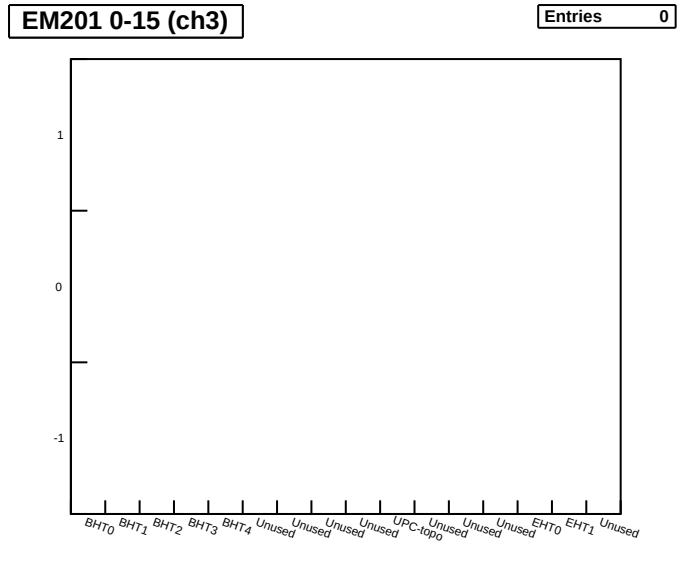

TF201 0-15 (ch0)
Entries 5259040
1
0
328690 324783 298284 286683 218420 275598 276721 273089 328690 328690 328690
328690 328690 328690 3907 30406 41997 110270 328690 53092 51969 55601 328690
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 5259040
1
0
134213 244973 281088 260134 323948 323229 717 9277 9414 159 300028 318626 177414 218114 256536
194477 83717 47592 68566 4742 5461 327973 319413 319276 328531 328690 28662 10064 151276 110576 72154
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 5259040
1
0
328690 328690 328690 328690 328690 328690 328690 328690
328690 328690 328690 328690 328690 328690 328690 328690
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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