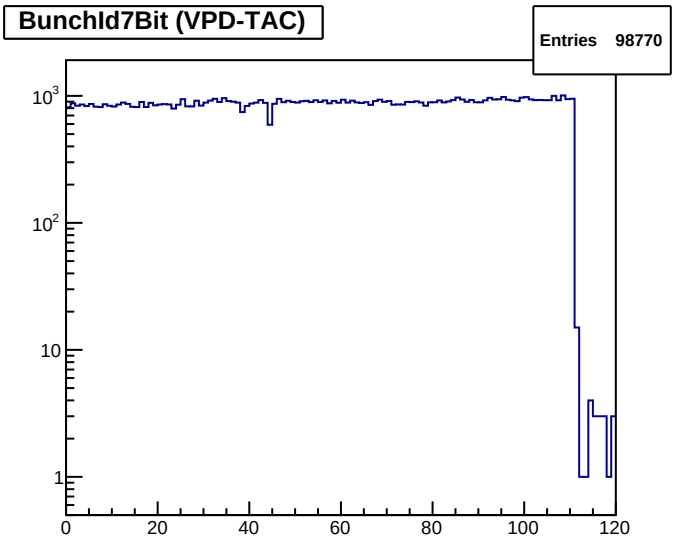
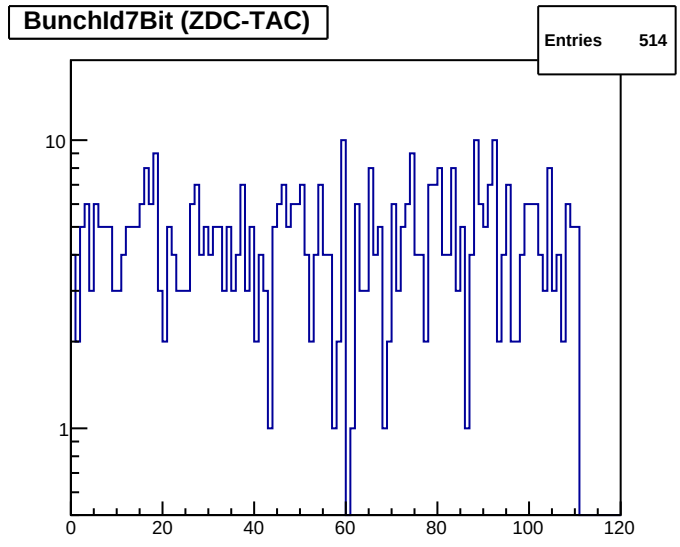
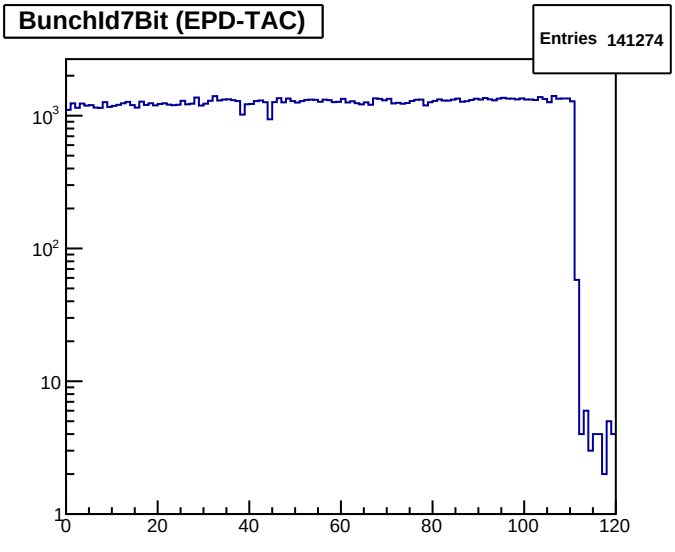
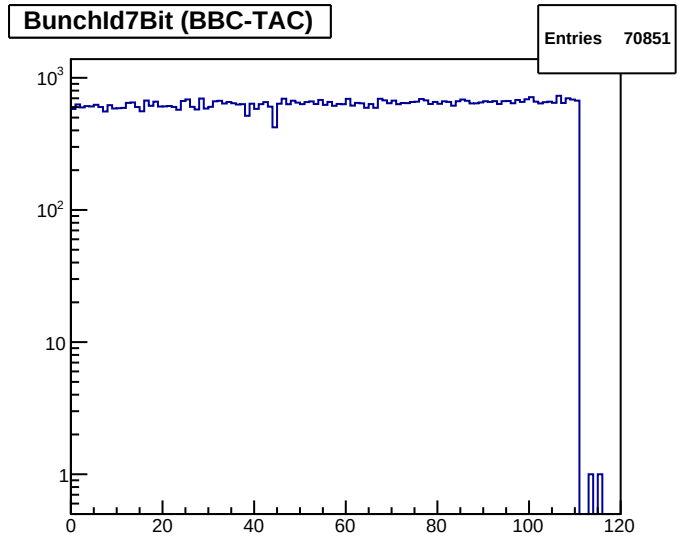
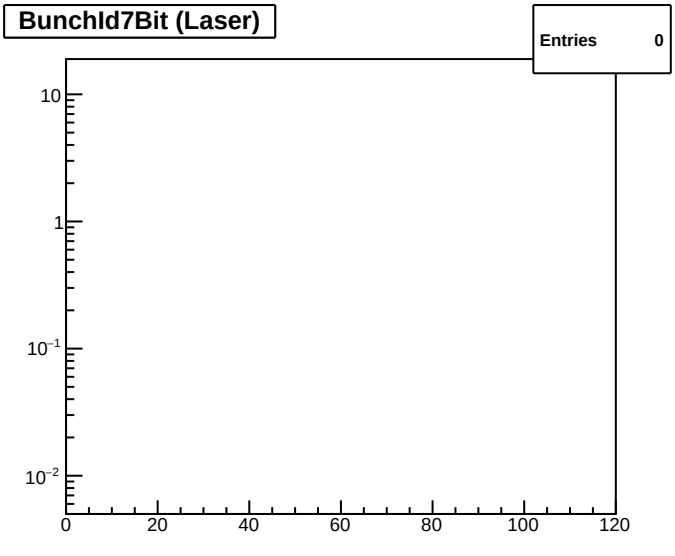
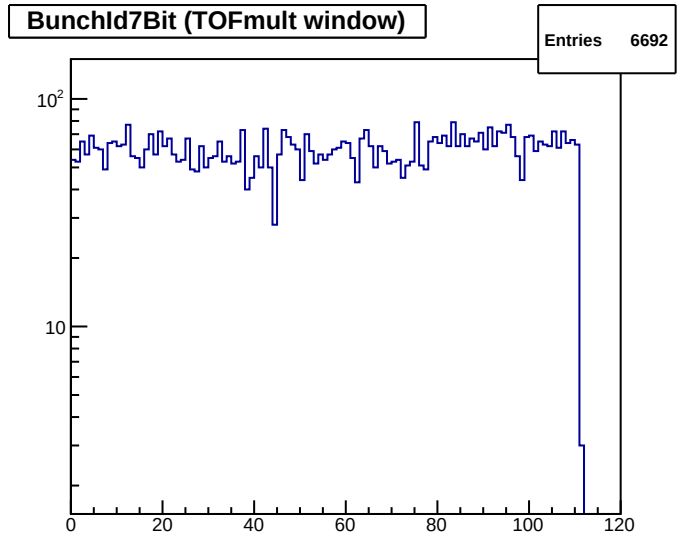

BunchId7Bit (VPD-TAC)
Entries 98770

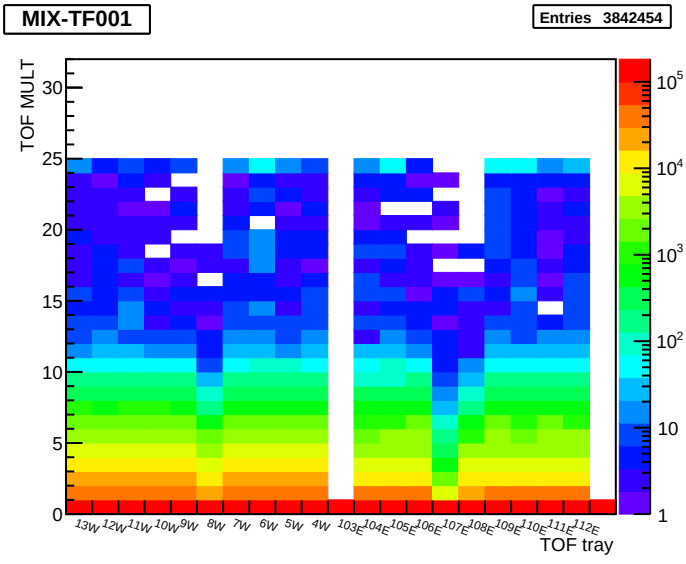

BunchId7Bit (ZDC-TAC)
Entries 514

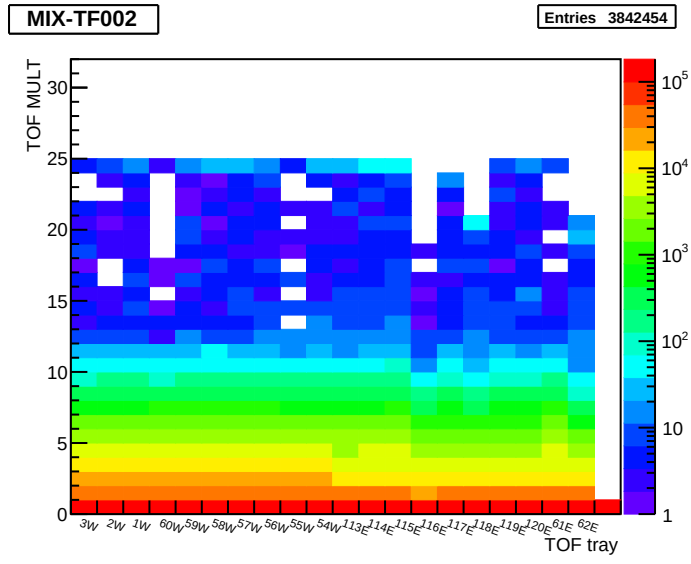

BunchId7Bit (EPD-TAC)
Entries 141274

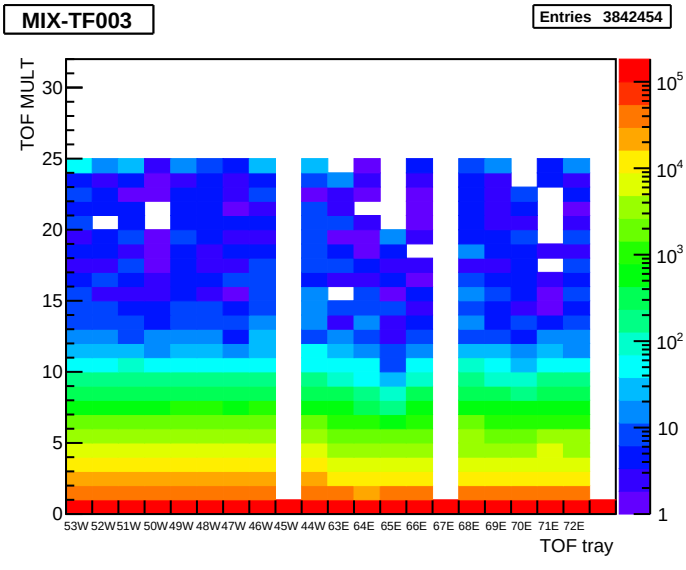

BunchId7Bit (BBC-TAC)
Entries 70851

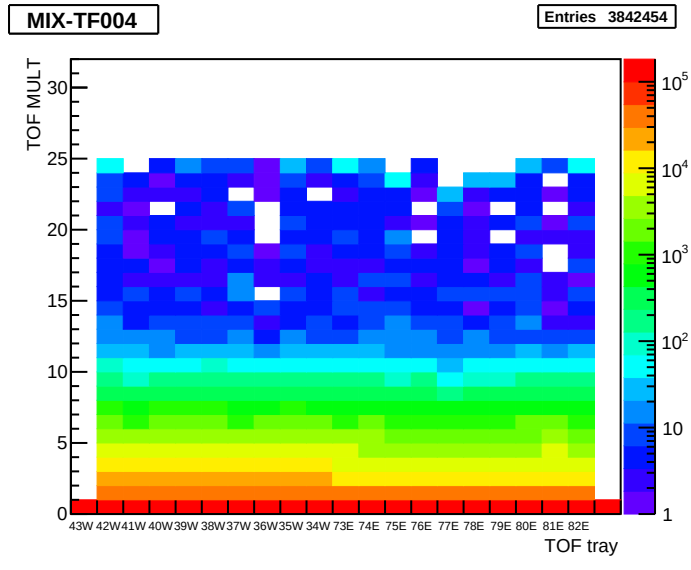

BunchId7Bit (Laser)
Entries 0

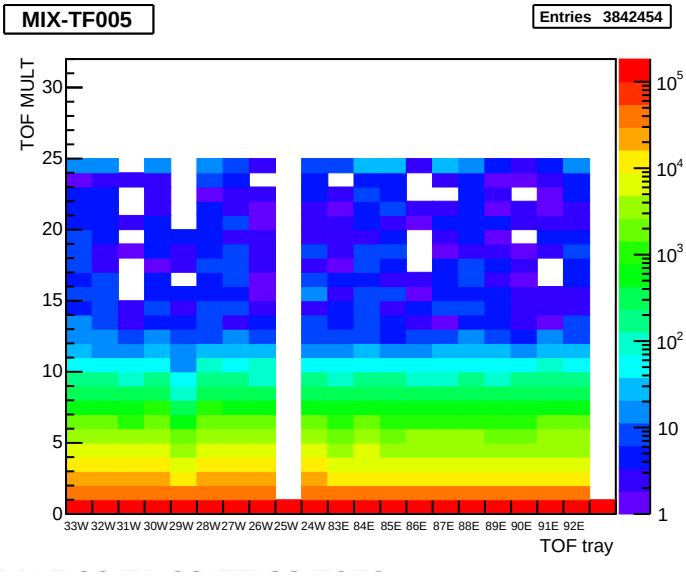

BunchId7Bit (TOFmult window)
Entries 6692

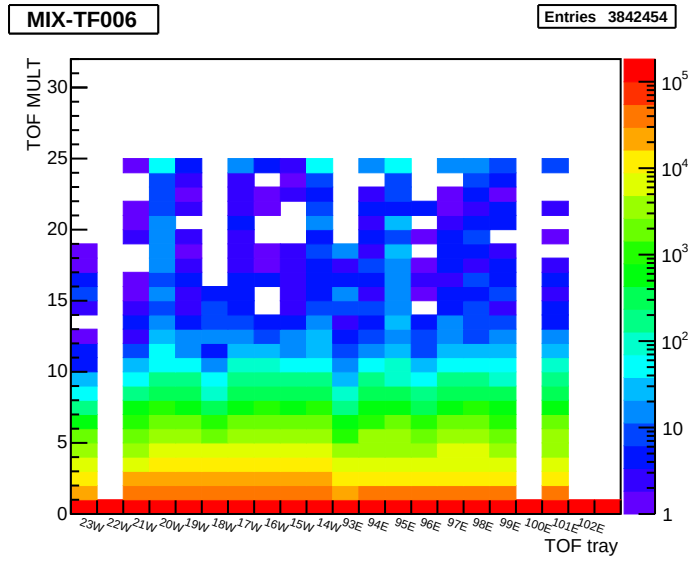

MIX-TF001
Entries 3842454
TOF MULT
TOF tray

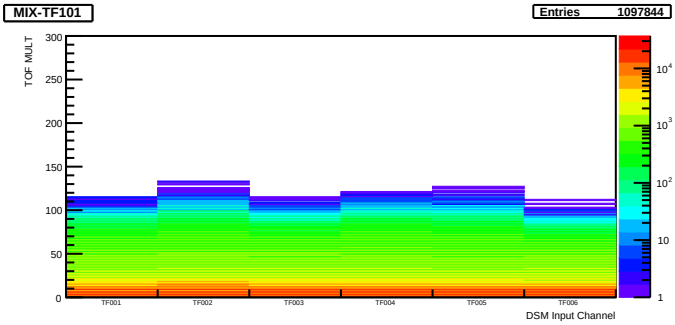

MIX-TF002
Entries 3842454
TOF MULT
TOF tray

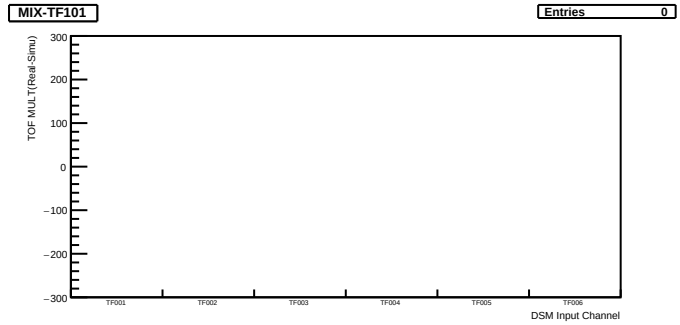

MIX-TF003
Entries 3842454
TOF MULT
TOF tray

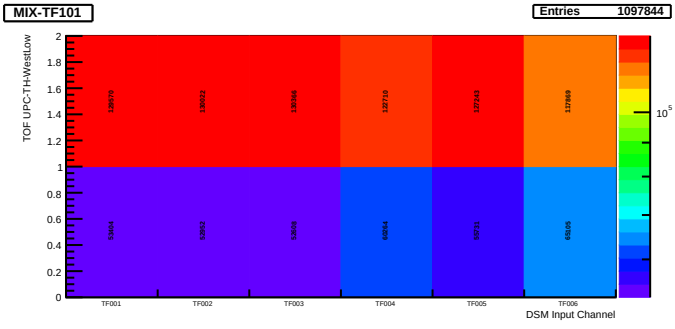

MIX-TF004
Entries 3842454
TOF MULT
TOF tray

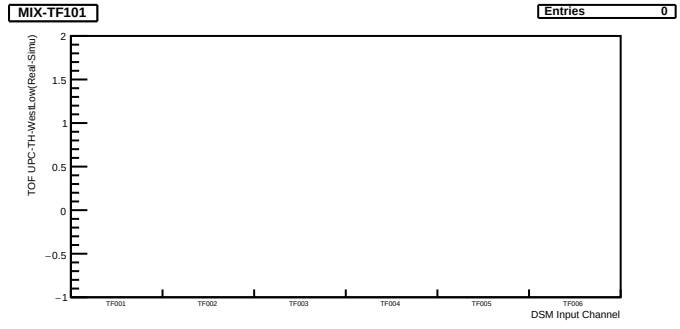

MIX-TF005
Entries 3842454
TOF MULT
TOF tray

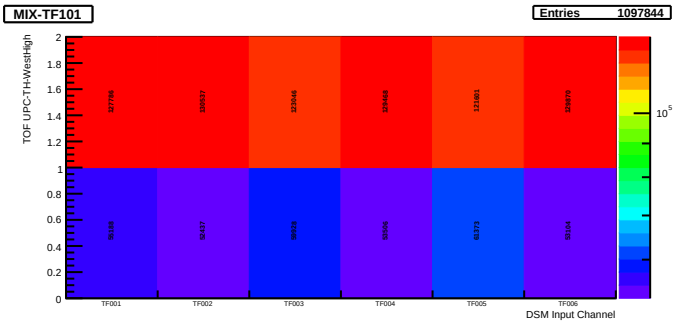

MIX-TF006
Entries 3842454
TOF MULT
TOF tray

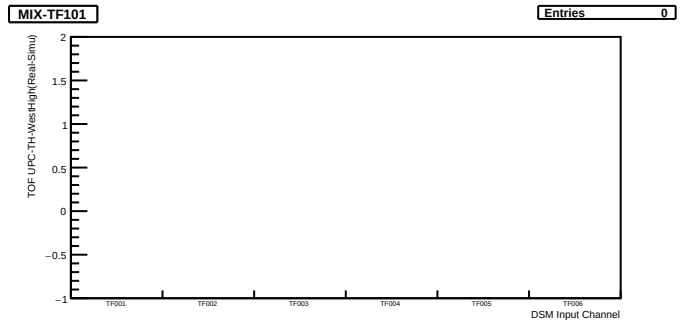

MIX-TF101
Entries 1097844
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

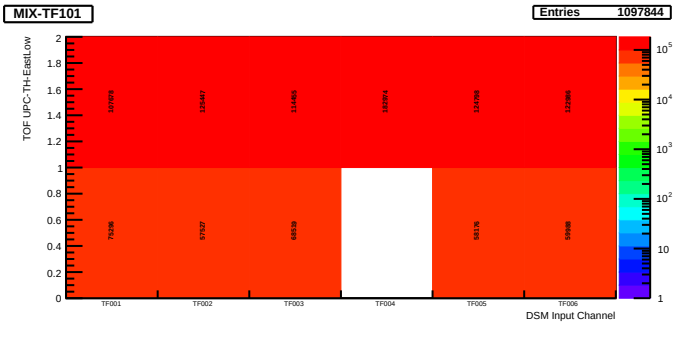

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

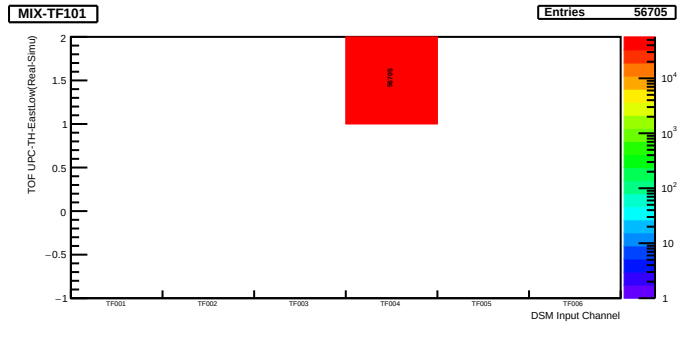

MIX-TF101
Entries 1097844
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

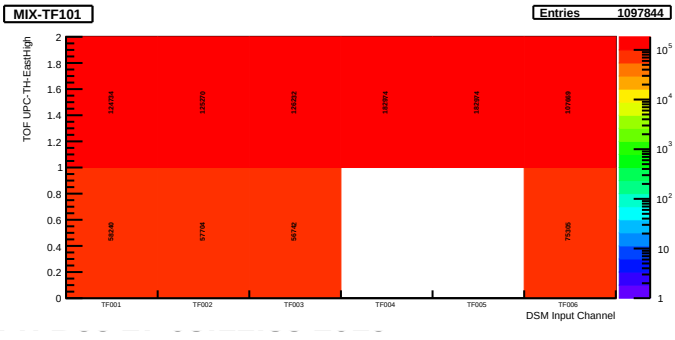

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

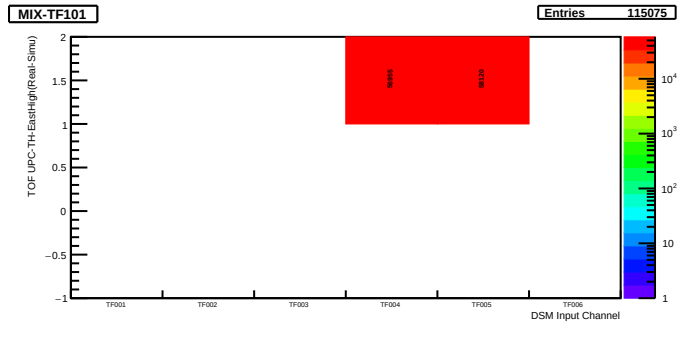

MIX-TF101
Entries 1097844
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

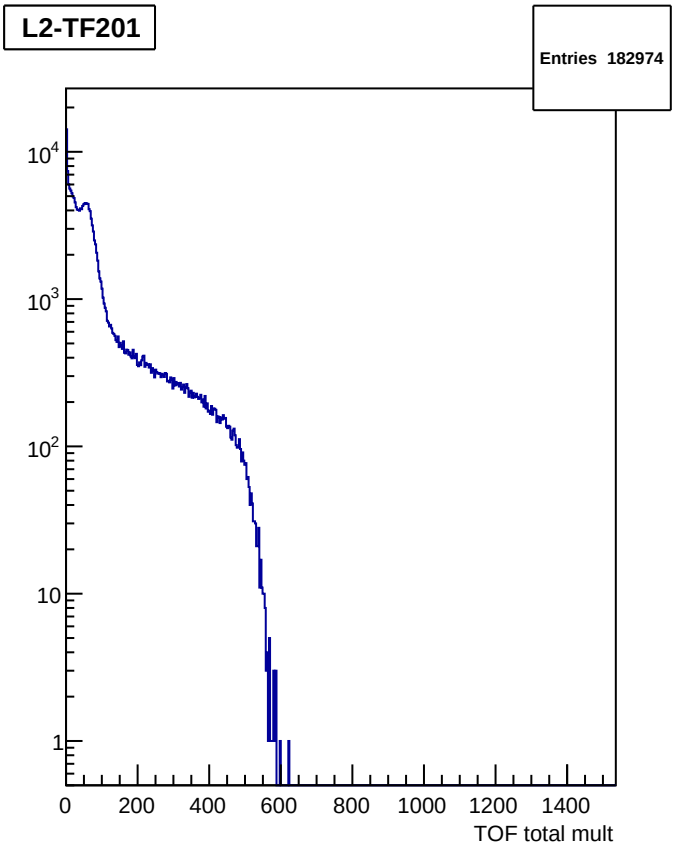

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

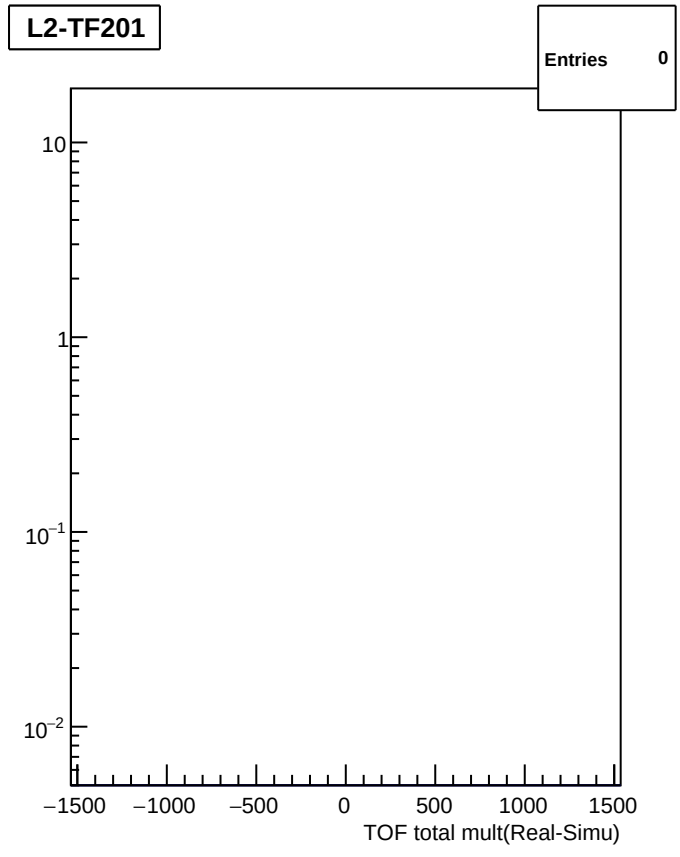

MIX-TF101
Entries 1097844
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

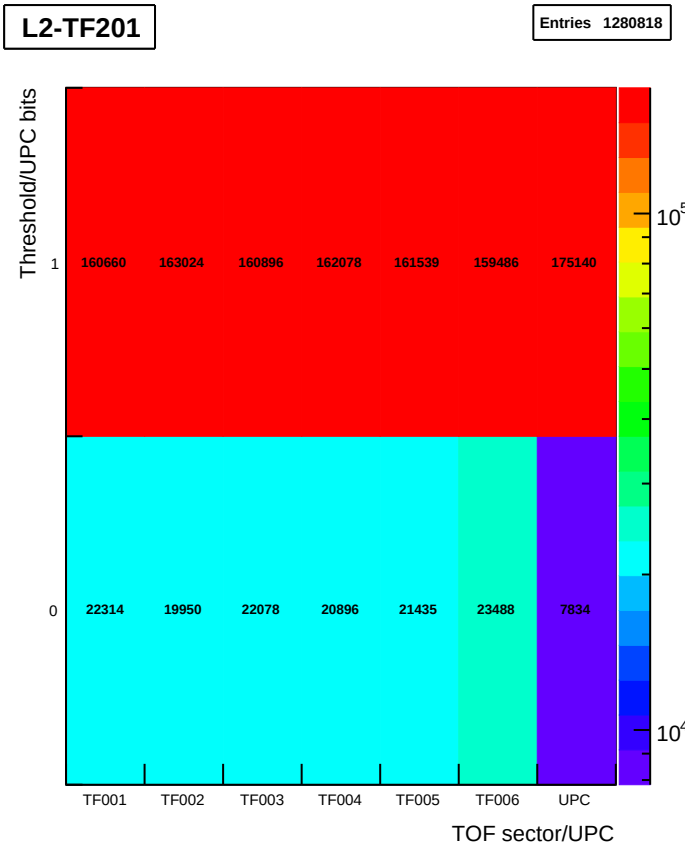

MIX-TF101
Entries 56705
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

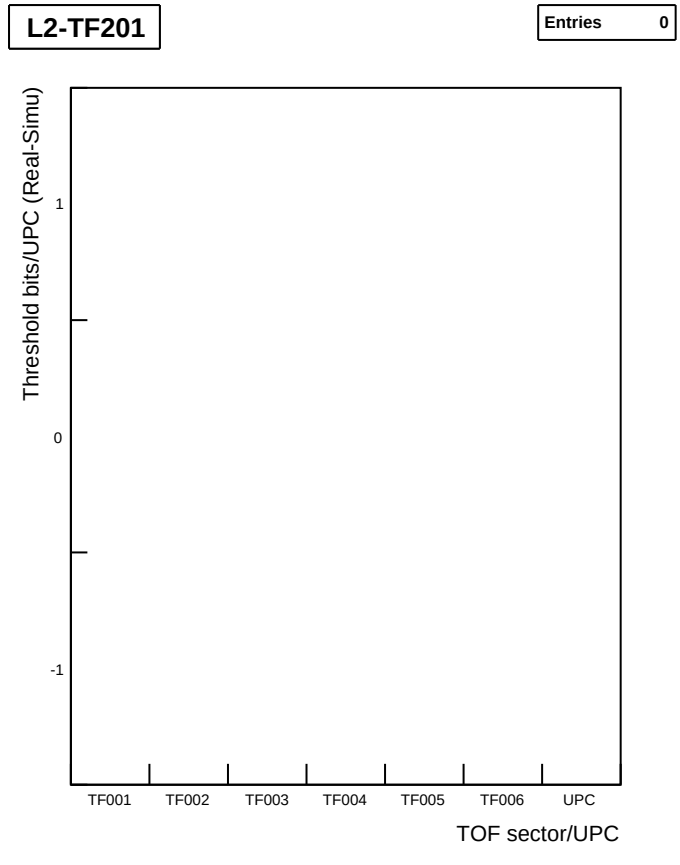

MIX-TF101
Entries 1097844
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

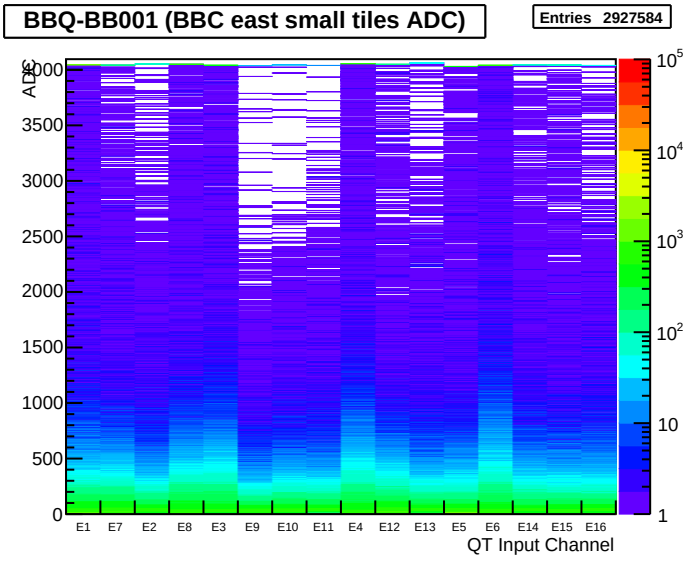

MIX-TF101
Entries 115075
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

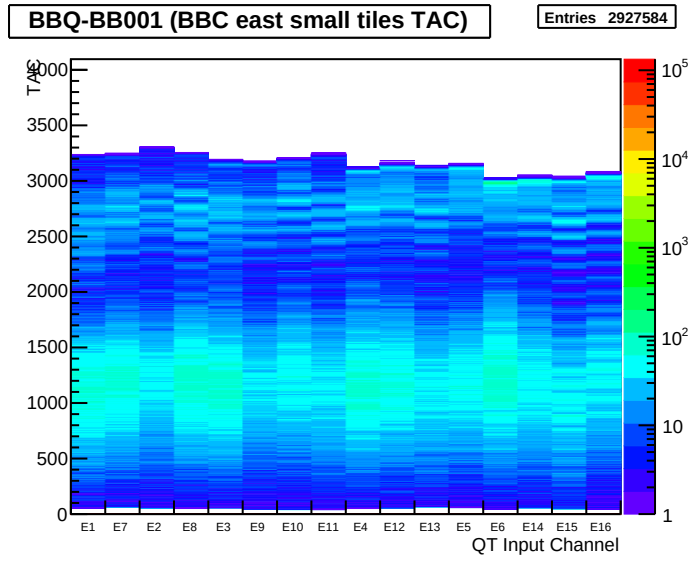

L2-TF201
Entries 182974
TOF total mult

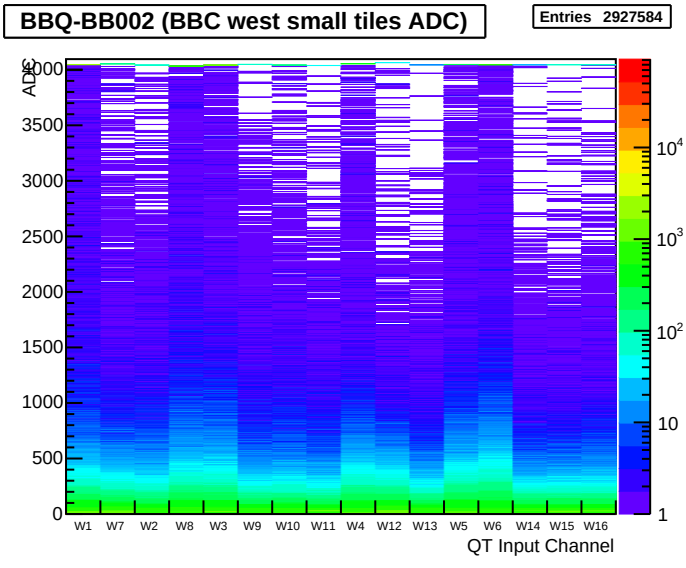

L2-TF201
Entries 0
TOF total mult(Real-Simu)

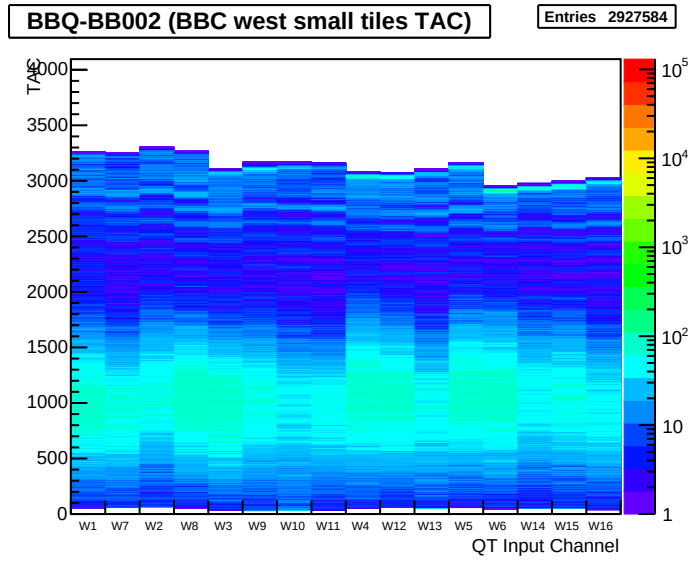

L2-TF201
Entries 1280818
Threshold/UPC bits
160660
163024
160896
162078
161539
159486
175140
22314
19950
22078
20896
21435
23488
7834
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

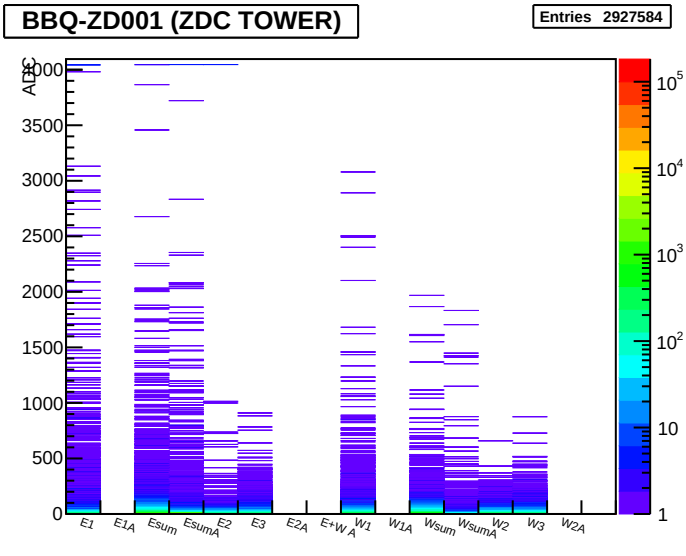

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

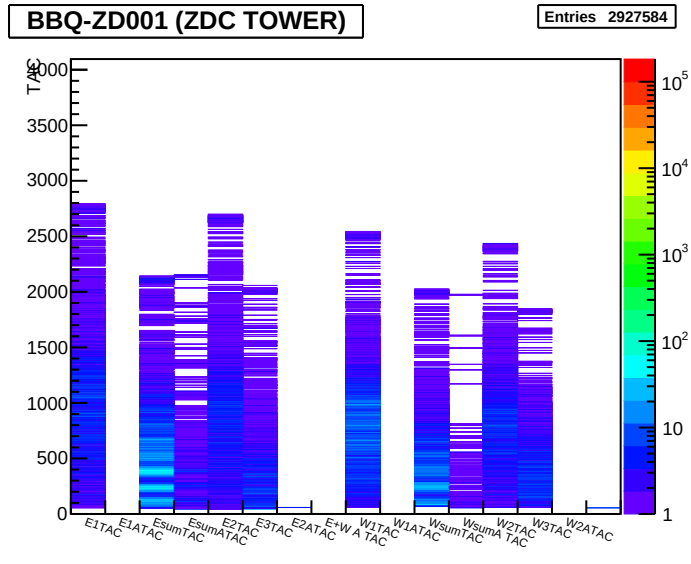

BBQ-BB001 (BBC east small tiles ADC)
Entries 2927584
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

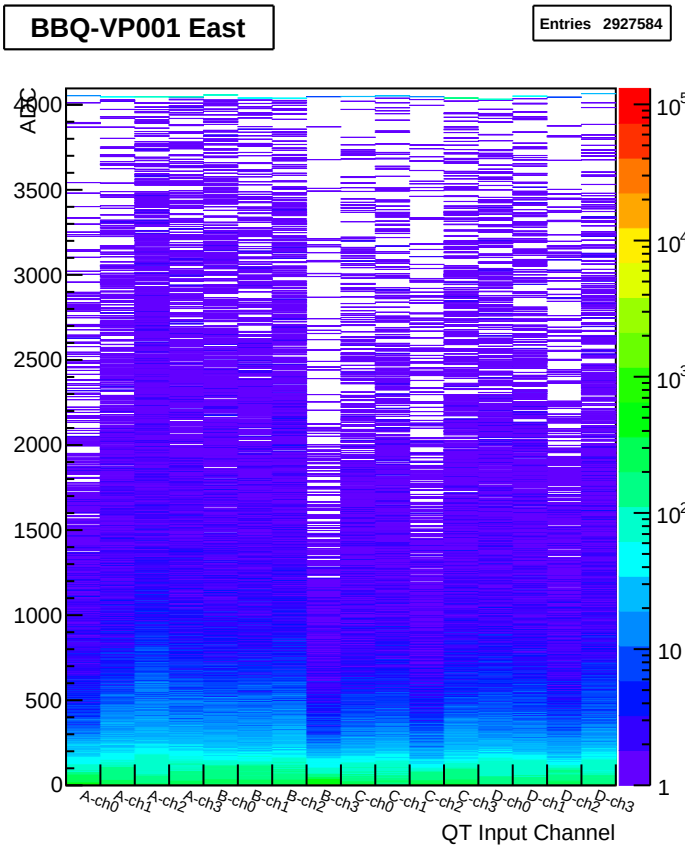

BBQ-BB001 (BBC east small tiles TAC)
Entries 2927584
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

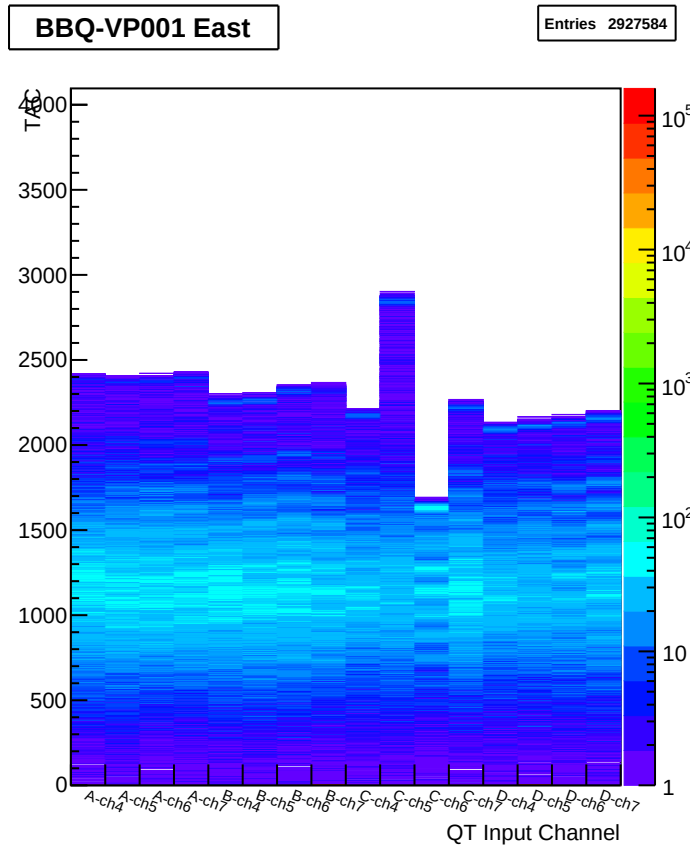

BBQ-BB002 (BBC west small tiles ADC)
Entries 2927584
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

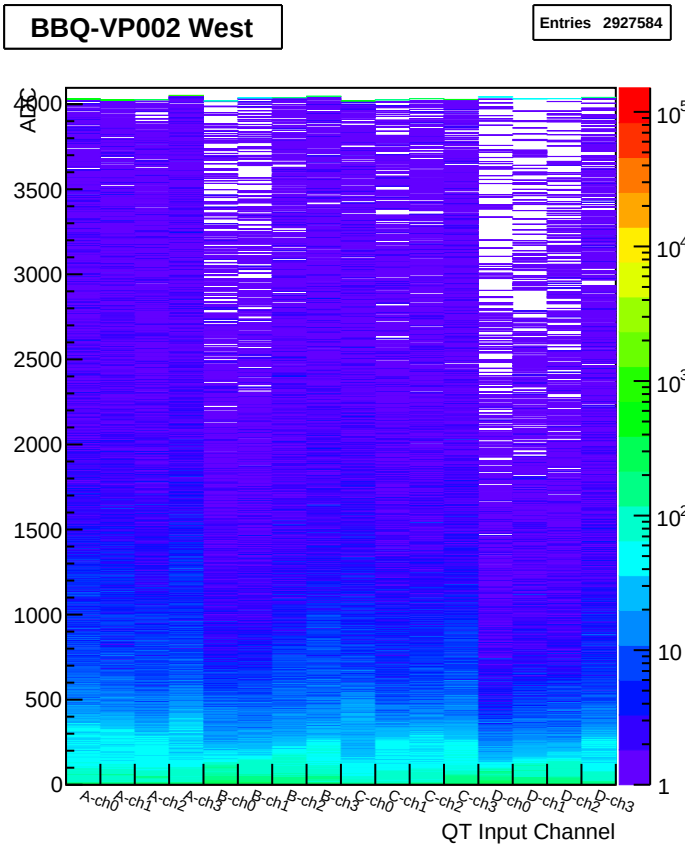

BBQ-BB002 (BBC west small tiles TAC)
Entries 2927584
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

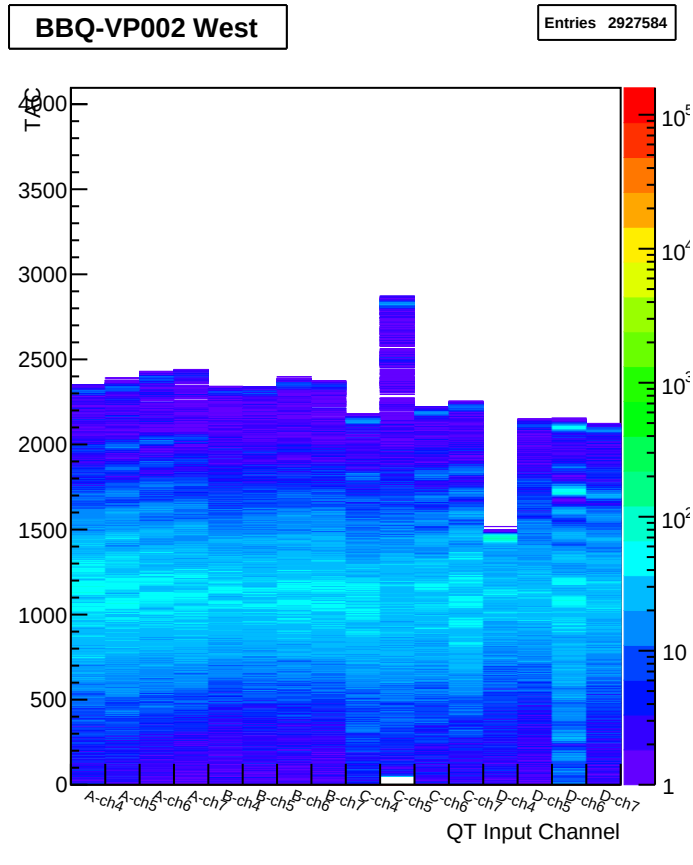

BBQ-ZD001 (ZDC TOWER)
Entries 2927584
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

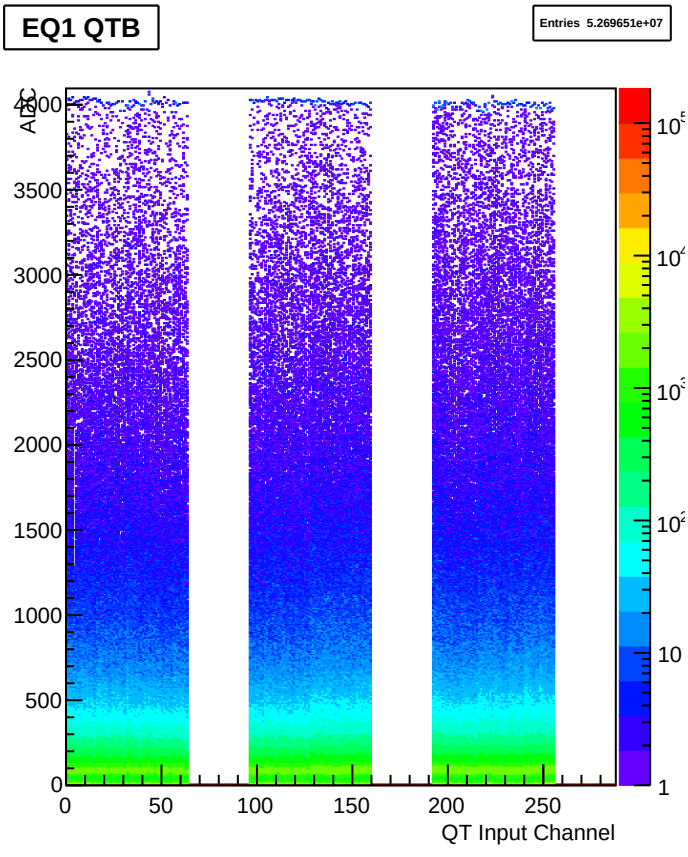

BBQ-ZD001 (ZDC TOWER)
Entries 2927584
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

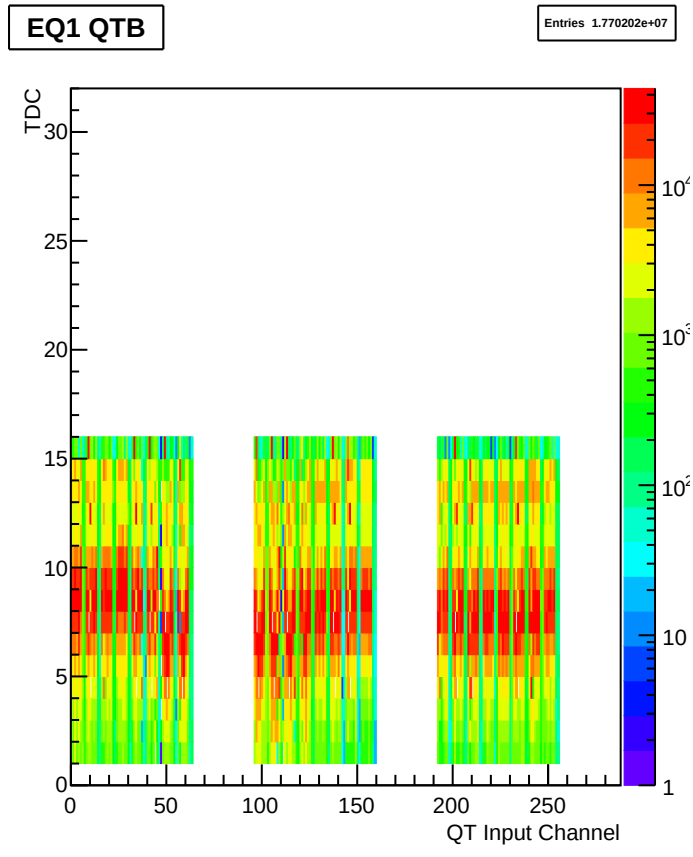

BBQ-VP001 East
Entries 2927584
ADC
QT Input Channel

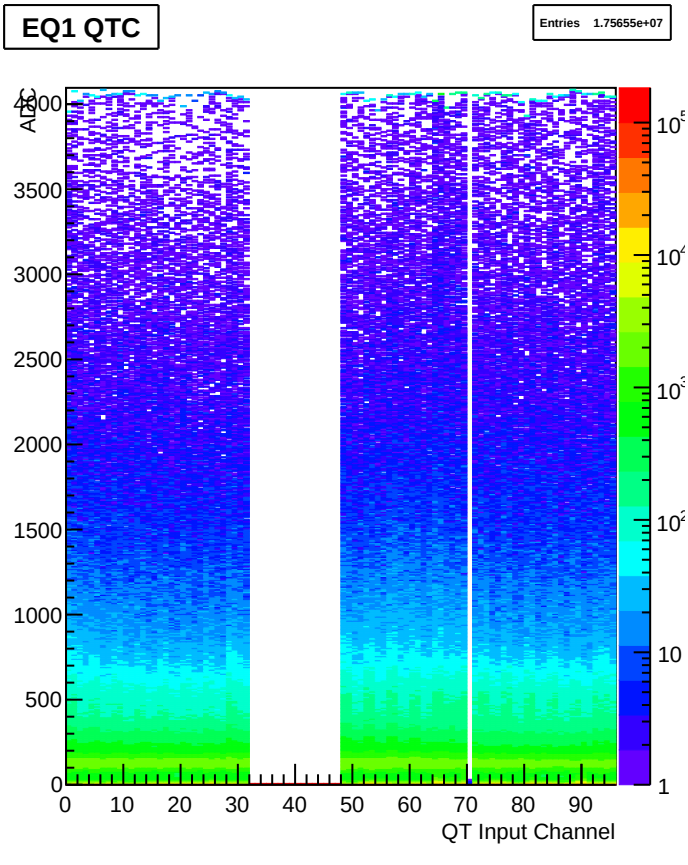

BBQ-VP001 East
Entries 2927584
ADC
QT Input Channel

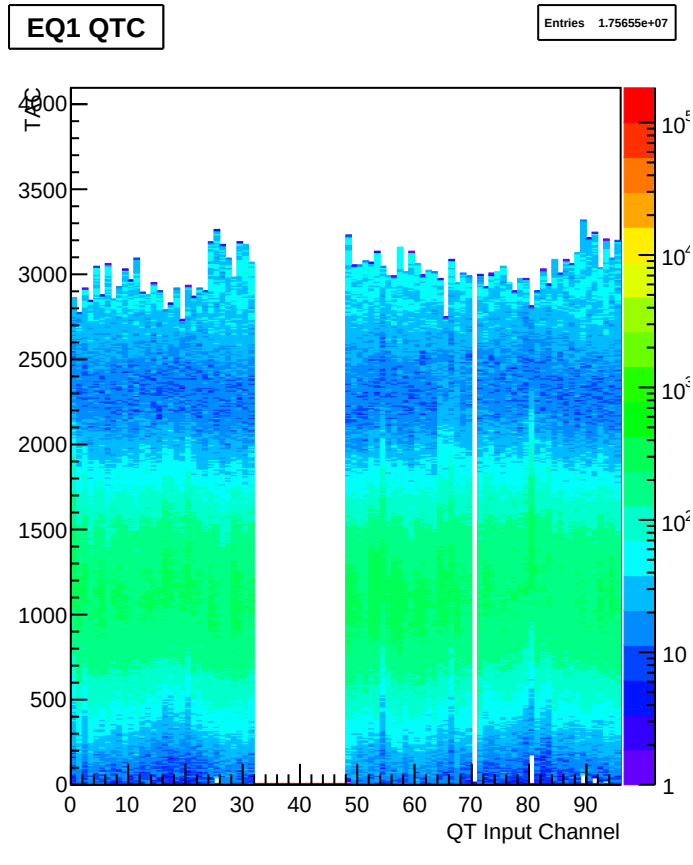

BBQ-VP002 West
Entries 2927584
ADC
QT Input Channel

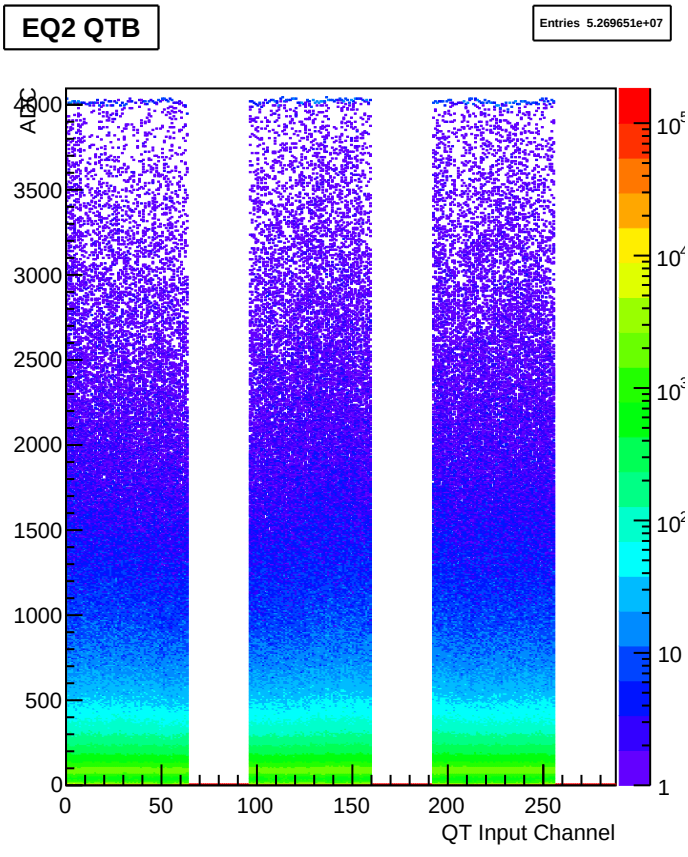

BBQ-VP002 West
Entries 2927584
ADC
QT Input Channel

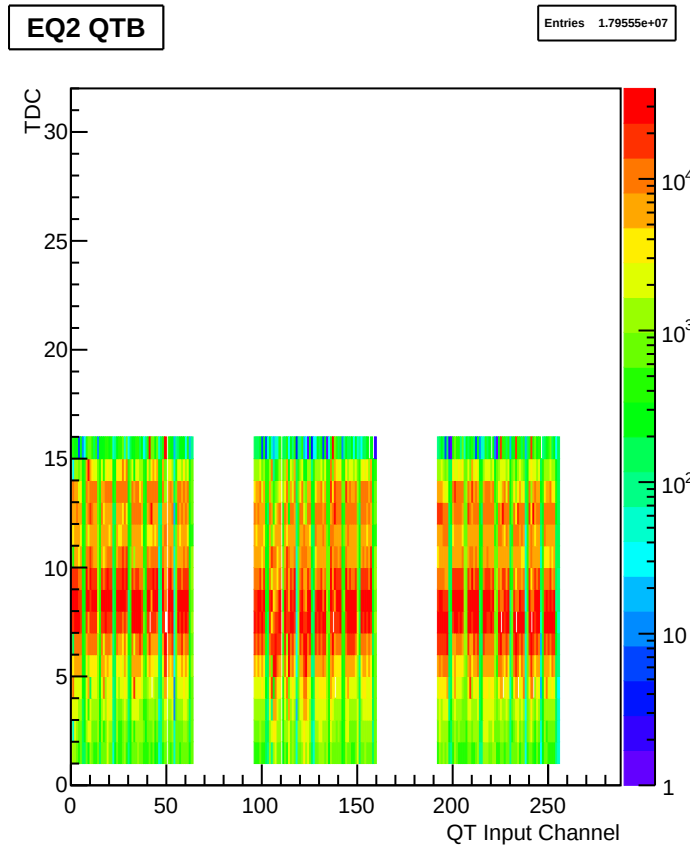

EQ1 QTB
Entries 5.269651e+07
ADC
QT Input Channel

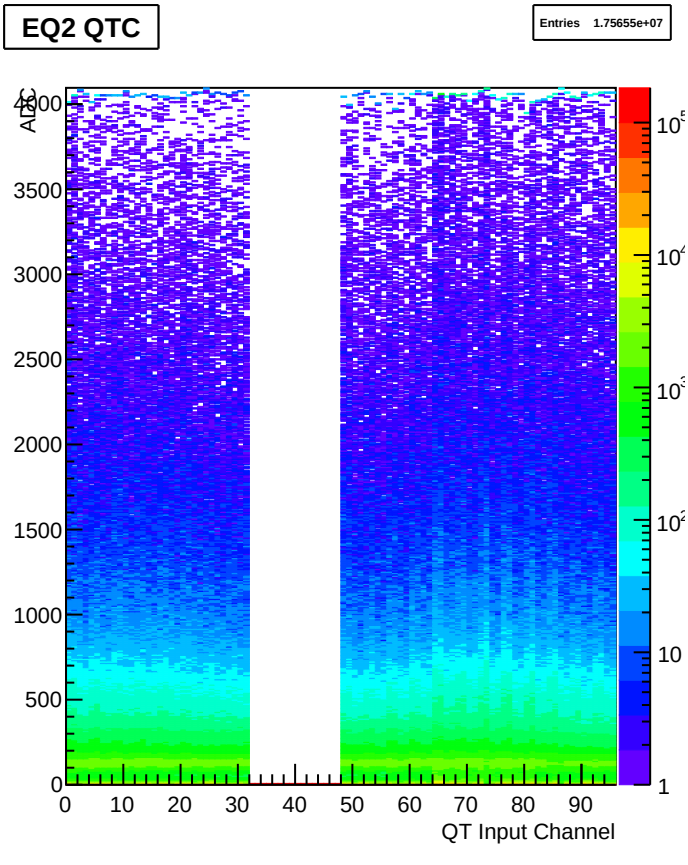

EQ1 QTB
Entries 1.770202e+07
TDC
QT Input Channel

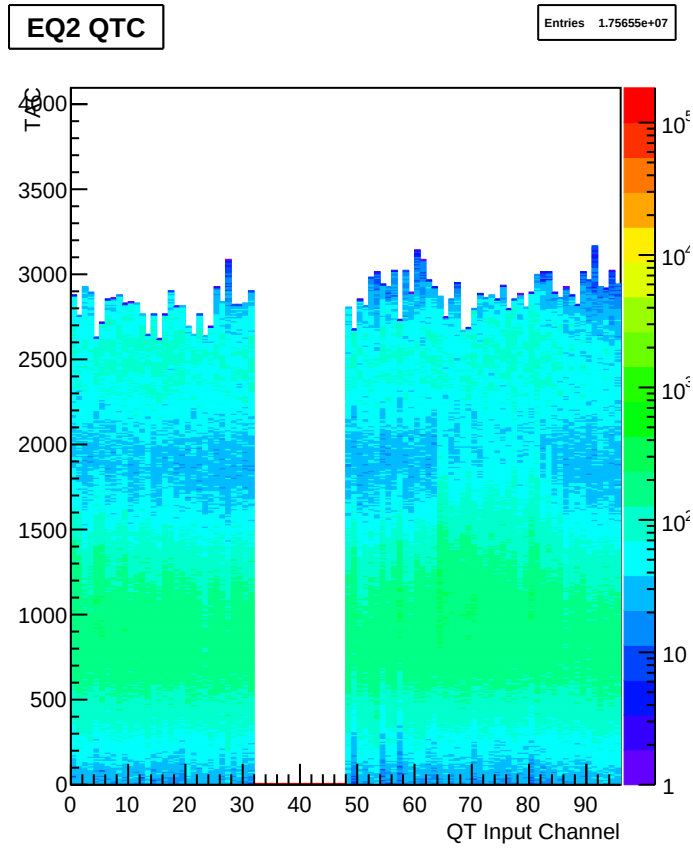

EQ1 QTC
Entries 1.75655e+07
ADC
QT Input Channel

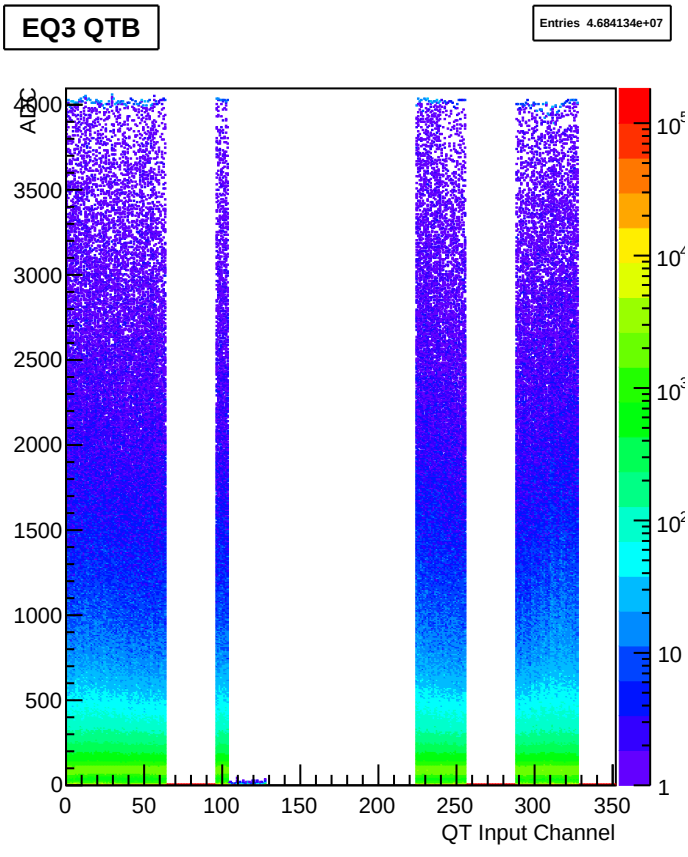

EQ1 QTC
Entries 1.75655e+07
TADC
QT Input Channel

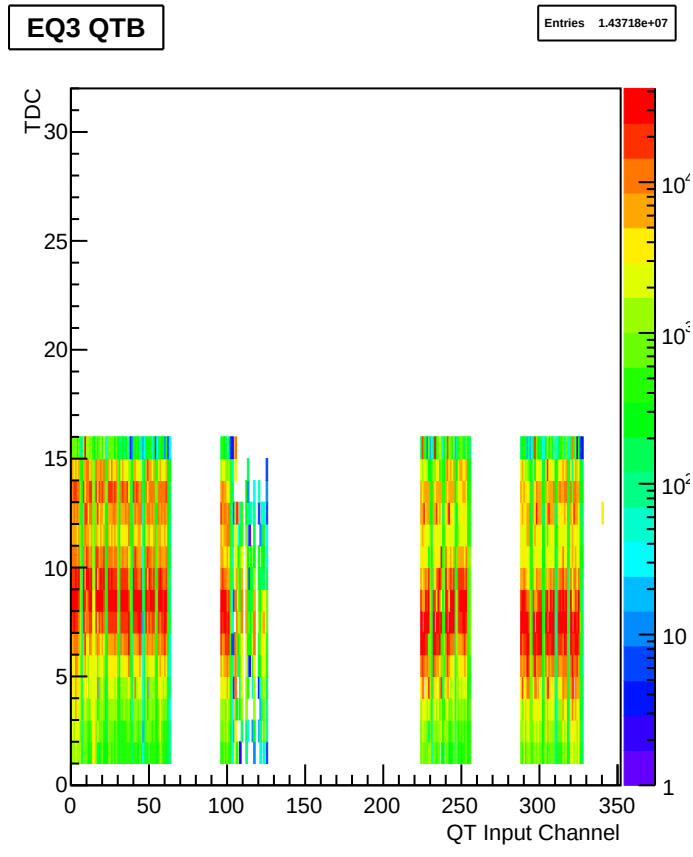

EQ2 QTB
Entries 5.269651e+07
ADC
QT Input Channel

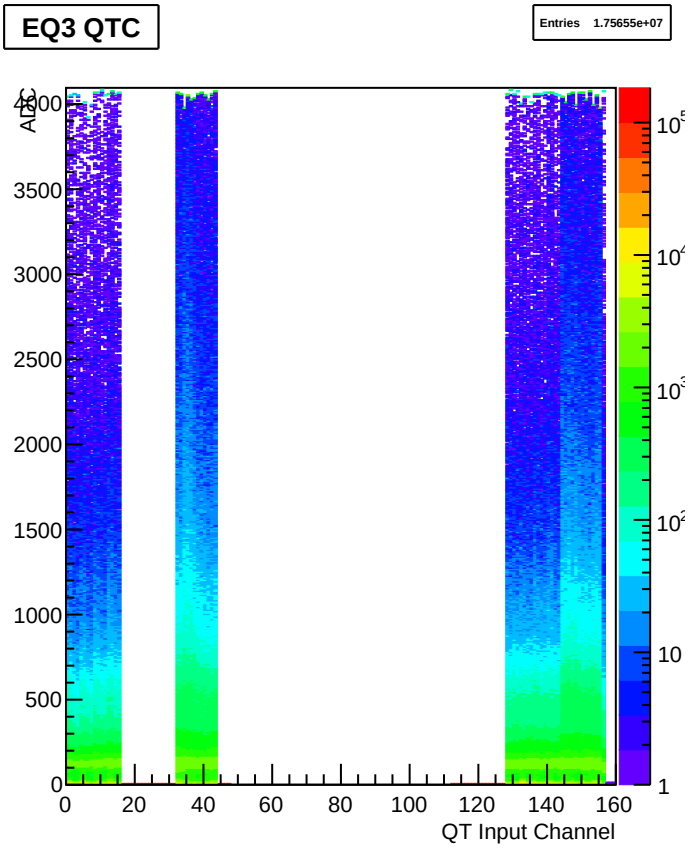

EQ2 QTB
Entries 1.79555e+07
TDC
QT Input Channel

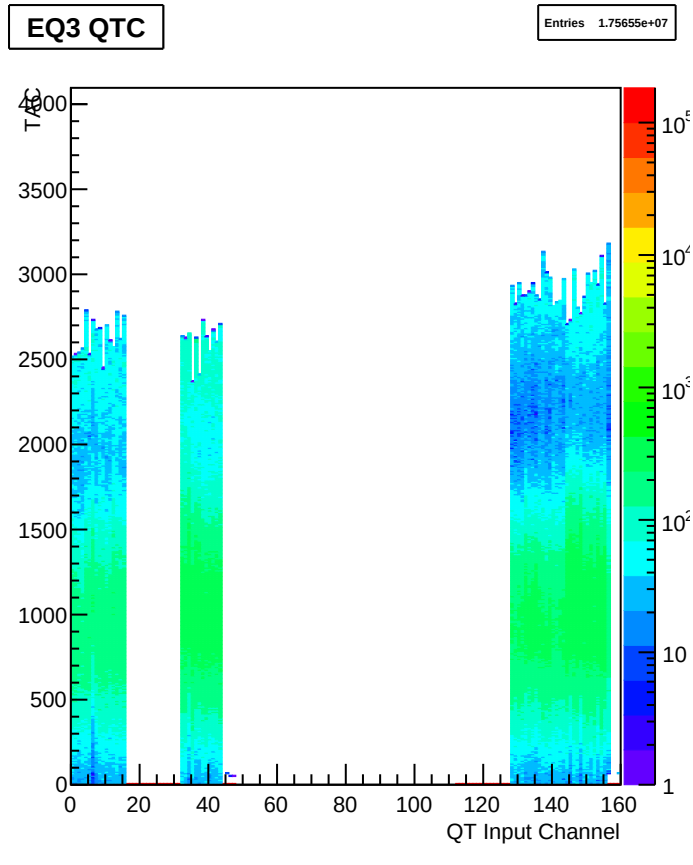

EQ2 QTC
Entries 1.75655e+07
ADC
QT Input Channel

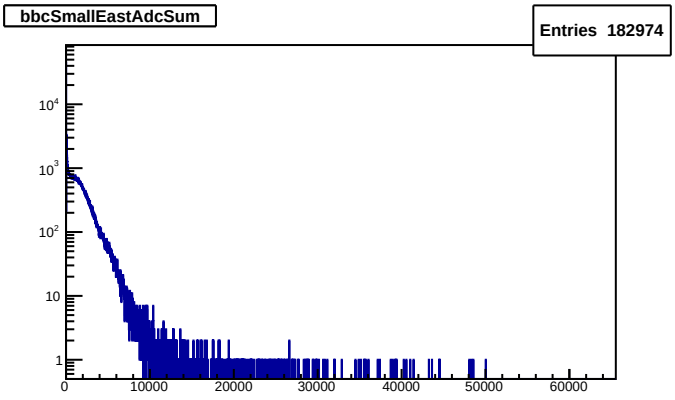

EQ2 QTC
Entries 1.75655e+07
TADC
QT Input Channel

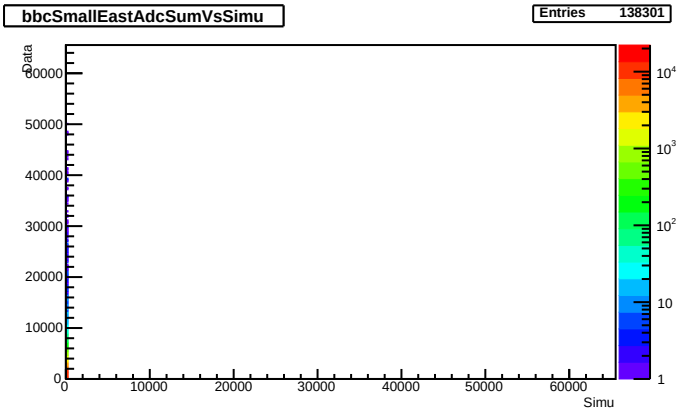

EQ3 QTB
Entries 4.684134e+07
ADC
QT Input Channel

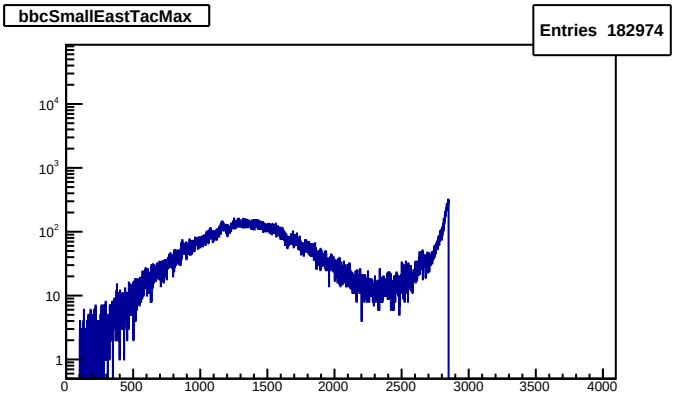

EQ3 QTB
Entries 1.43718e+07
TDC
QT Input Channel

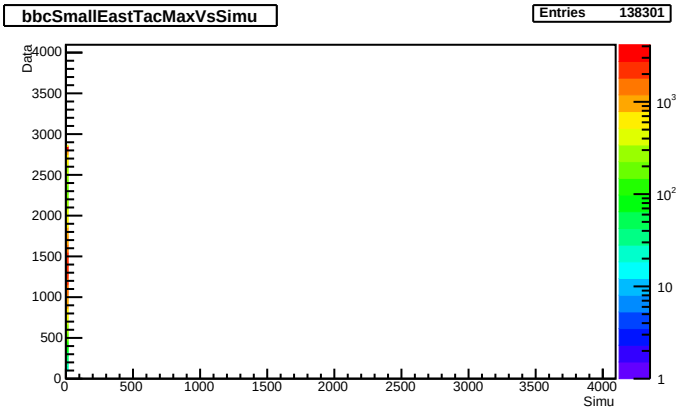

EQ3 QTC
Entries 1.75655e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.75655e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 182974


bbcSmallEastAdcSumVsSimu
Entries 138301
Data
Simu


bbcSmallEastTacMax
Entries 182974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Entries 138301
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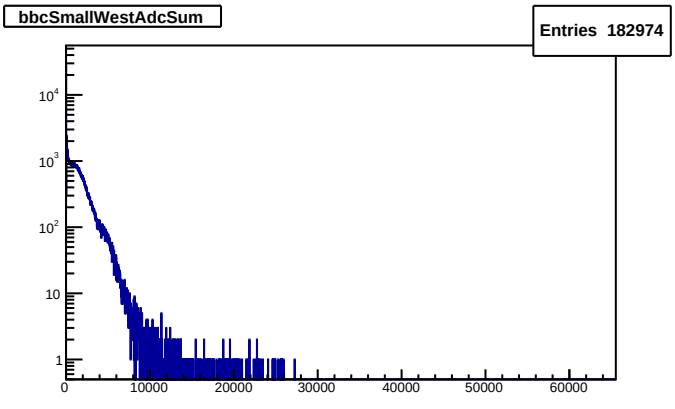
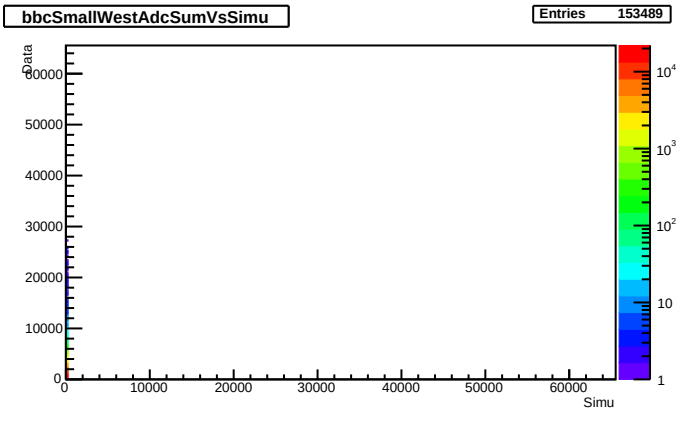

bbcSmallWestAdcSum
Entries 182974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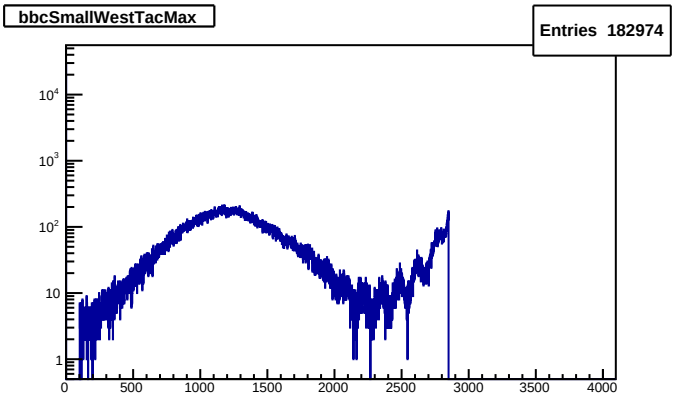
Entries 153489
Data
Simu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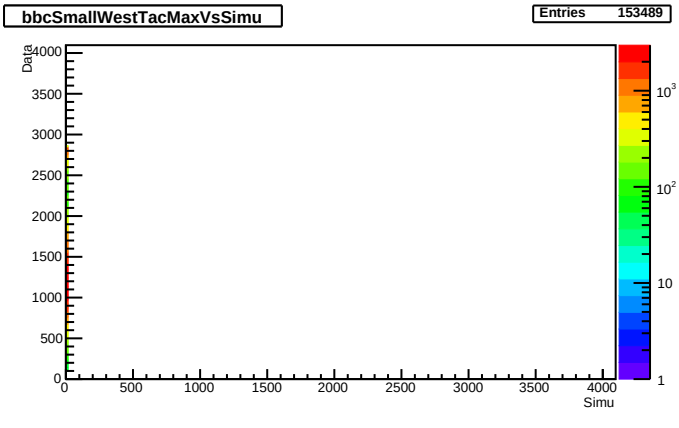
Entries 182974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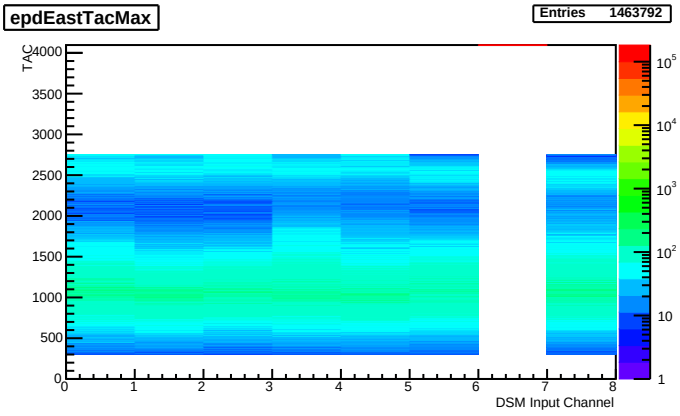
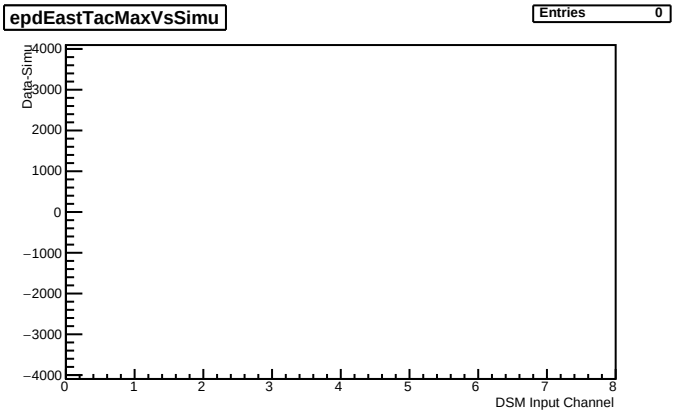
Entries 153489
Data
Simu


epdEastTacMax
Entries 1463792
TAC
DSM Input Channel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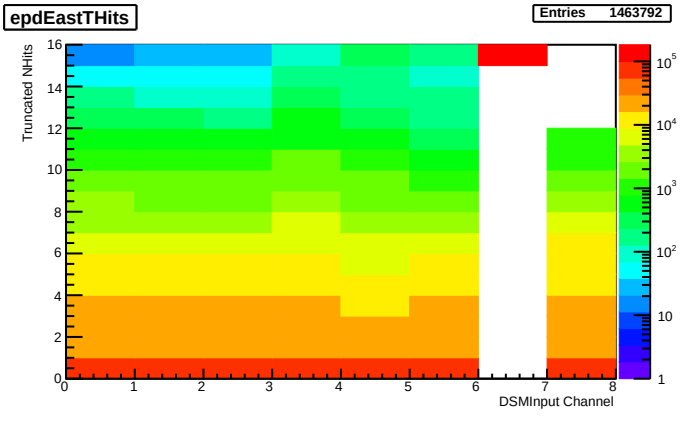
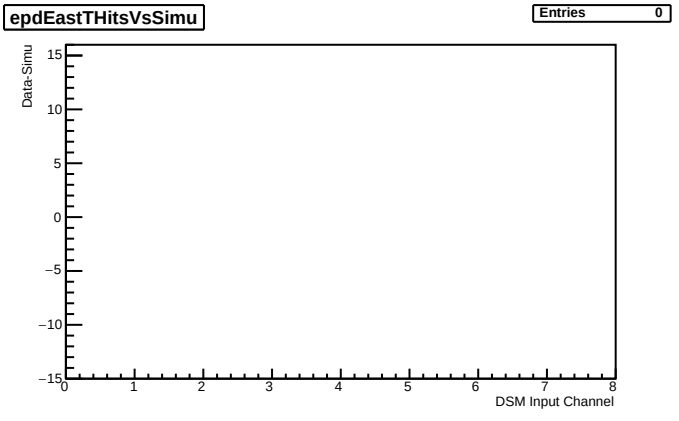
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1463792
Truncated NHits
DSMInput Channel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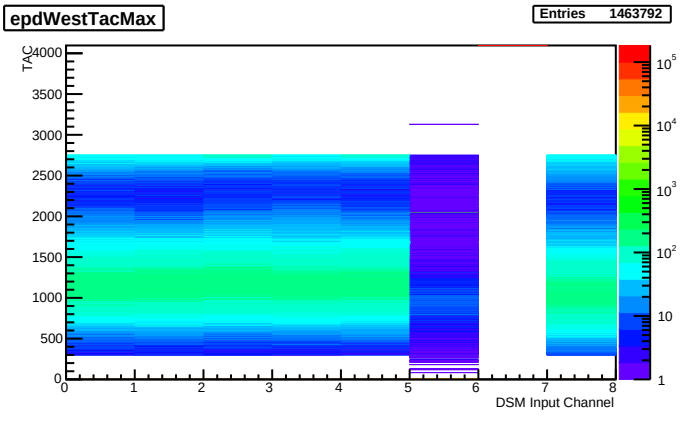
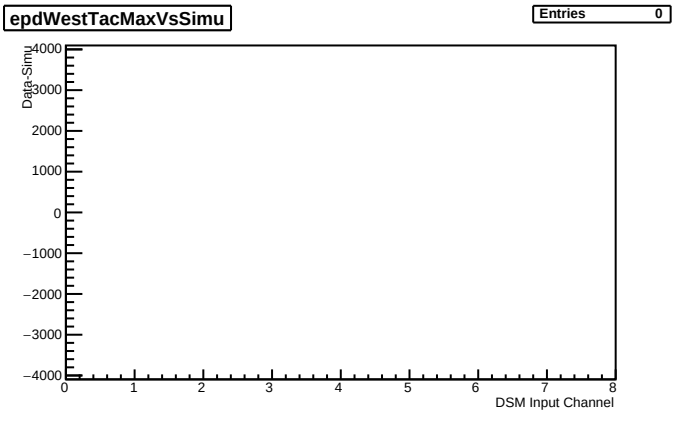
DSM Input Channel


epdWestTacMax
Entries 1463792
TAC
DSM Input Channel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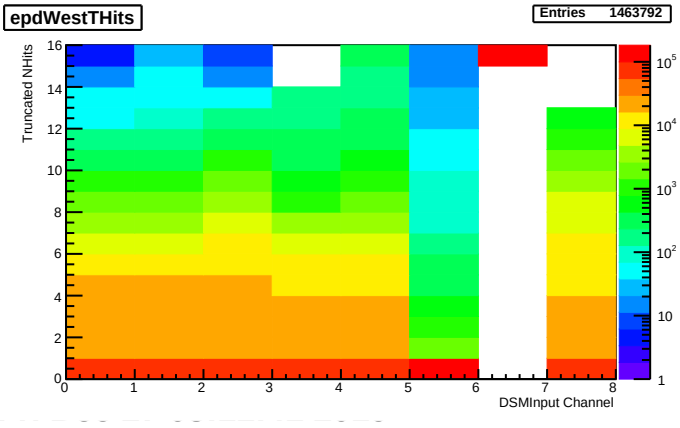
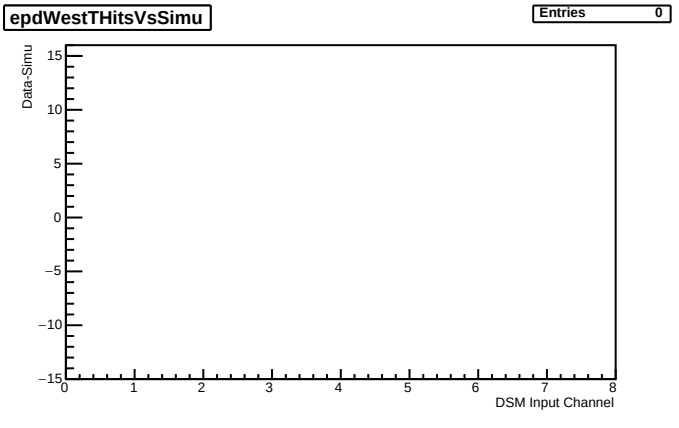
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1463792
Truncated NHits
DSMInput Channel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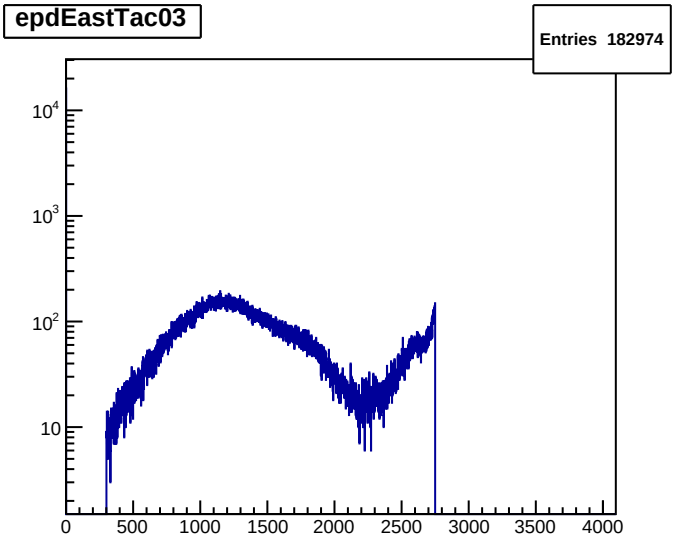
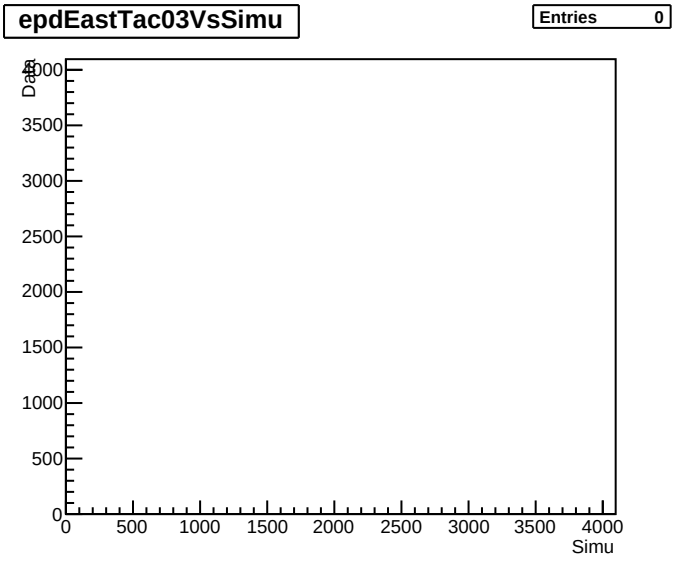
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 182974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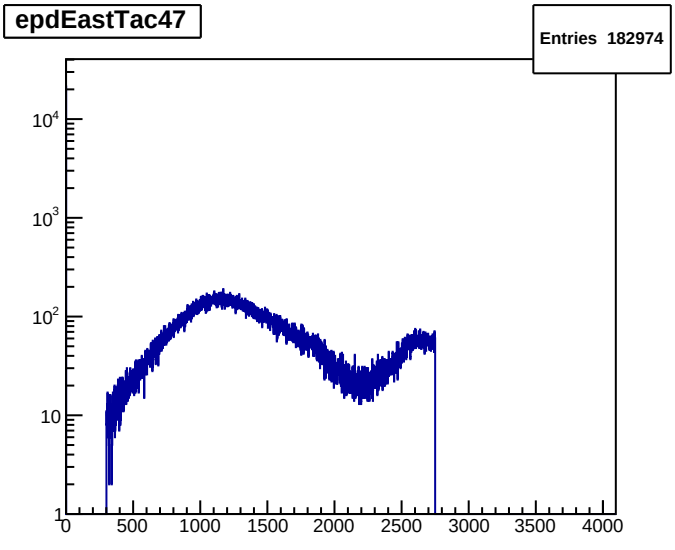
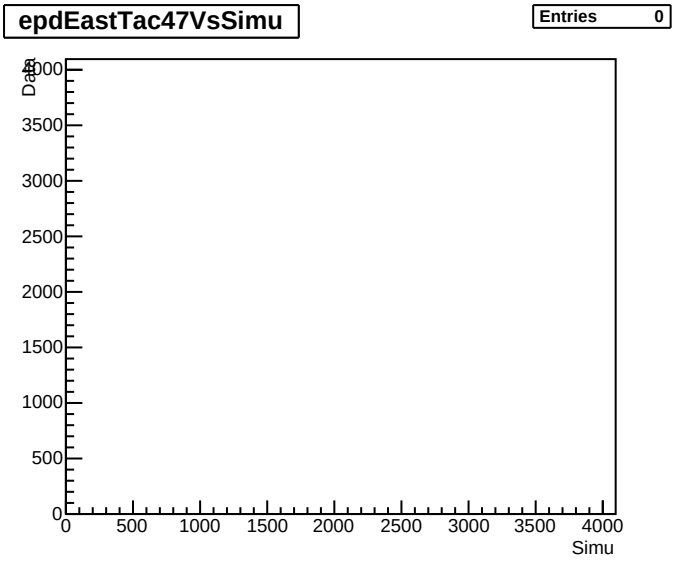
Entries 0
Data
Simu


epdEastTac47
Entries 182974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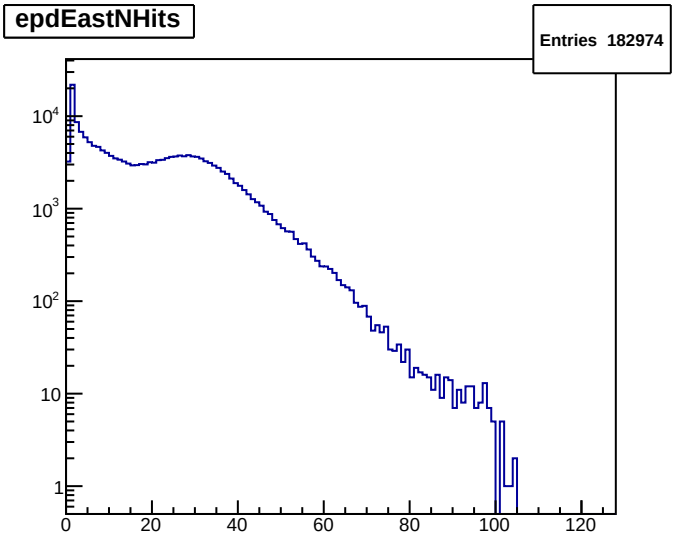
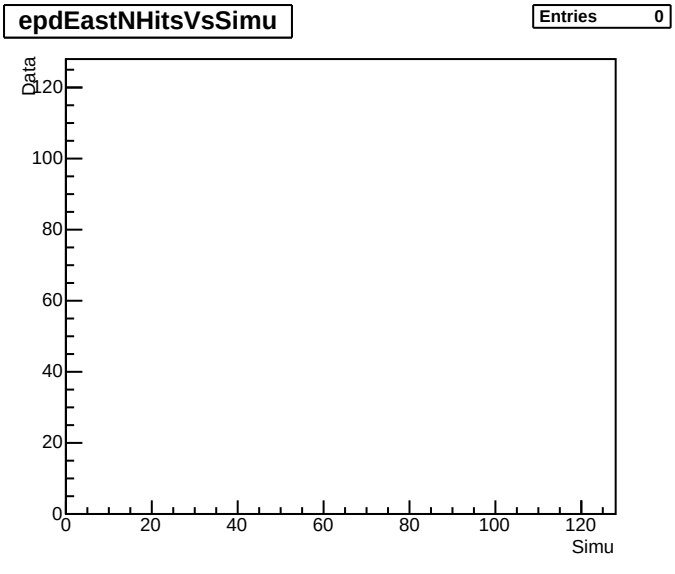
Entries 0
Data
Simu


epdEastNHits
Entries 182974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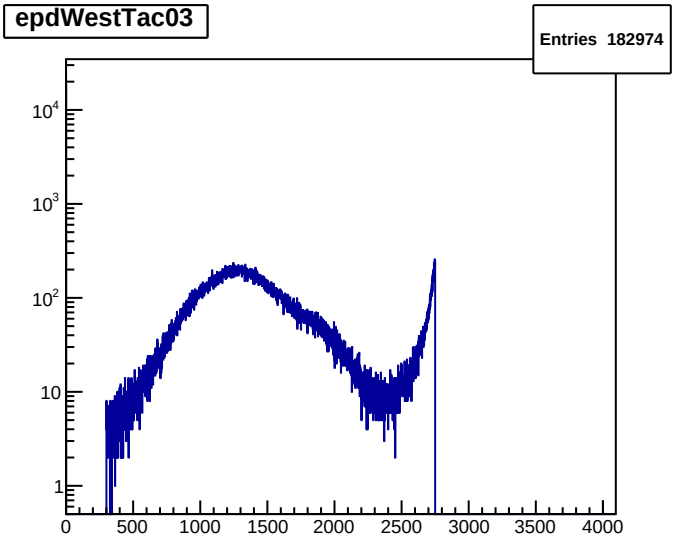
Entries 0
Data
Simu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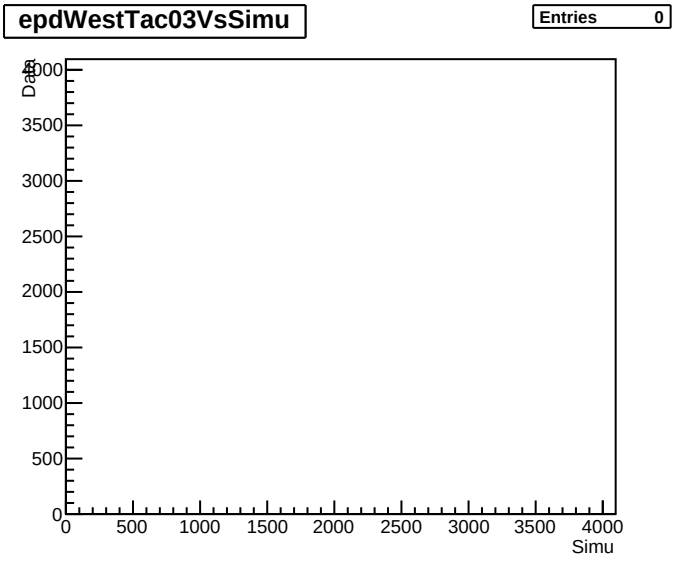
Entries 182974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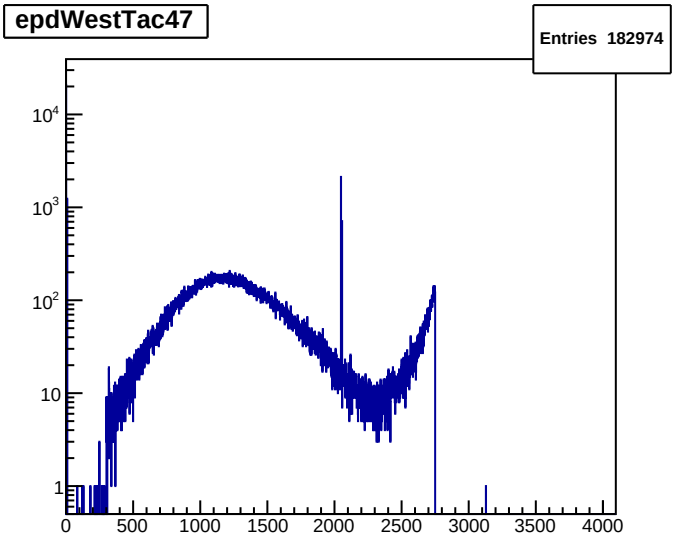
Entries 0
Data
Simu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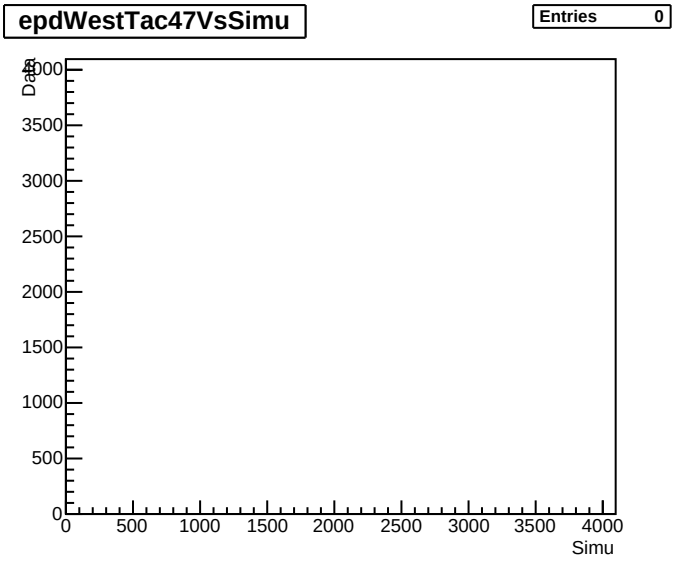
Entries 182974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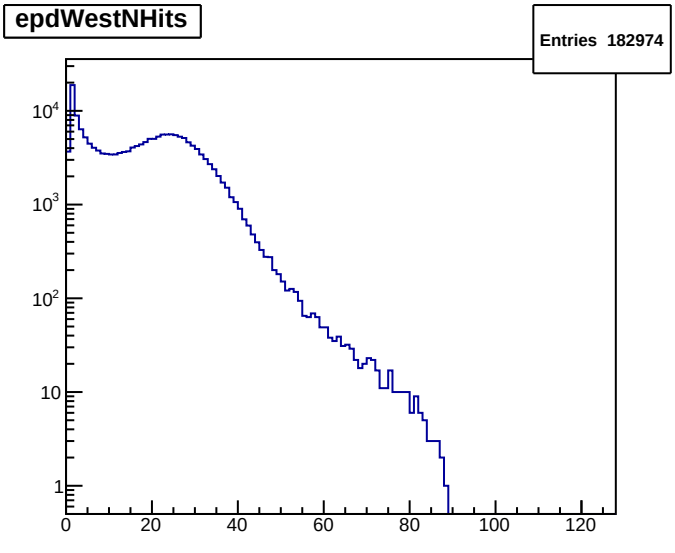
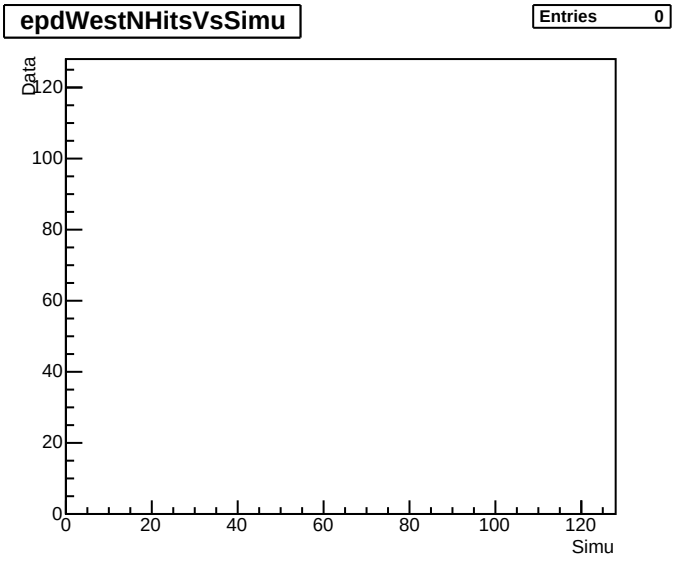
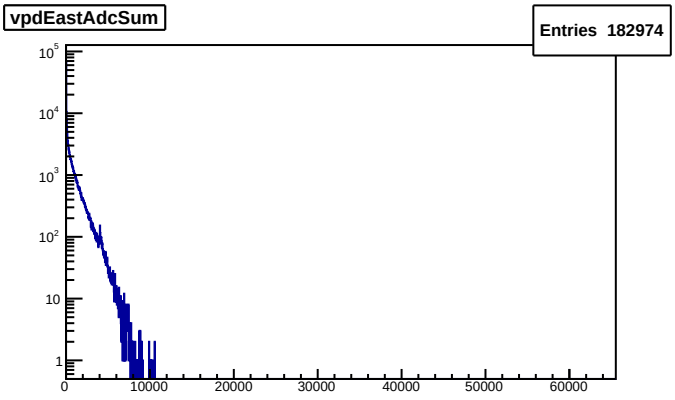
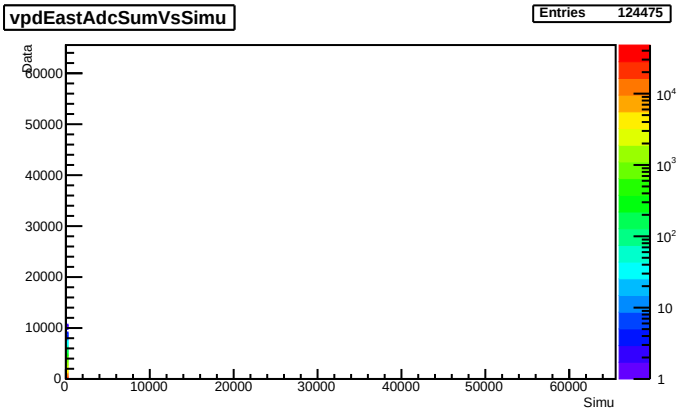
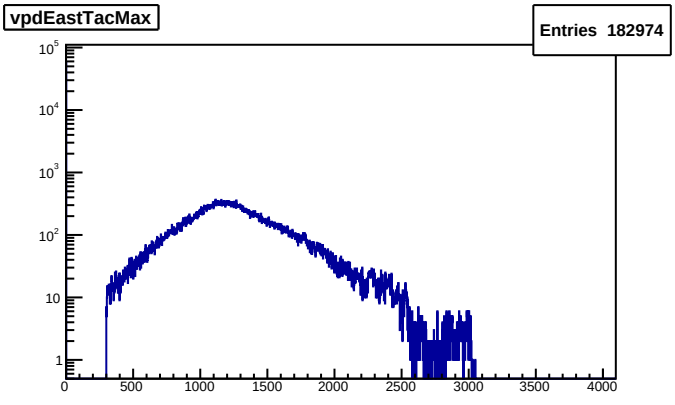
Entries 0
Data
Simu

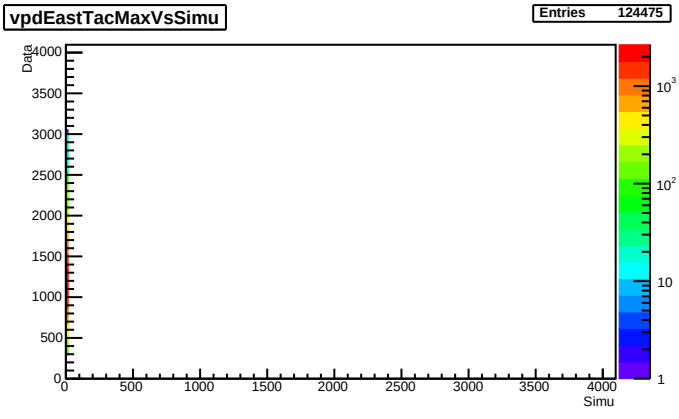

epdWestNHits
Entries 182974


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 182974


vpdEastAdcSumVsSimu
Entries 124475
Data
Simu


vpdEastTacMax
Entries 182974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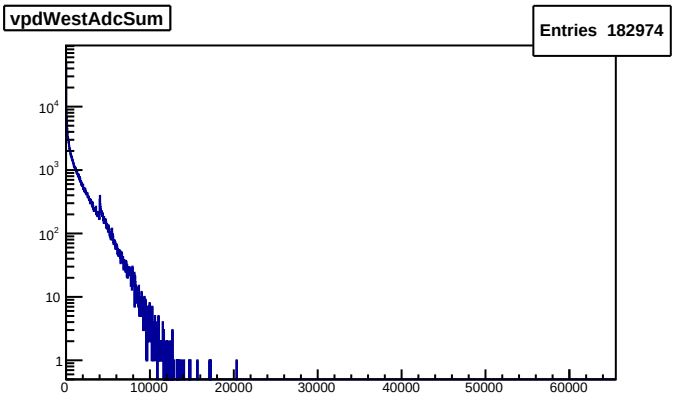
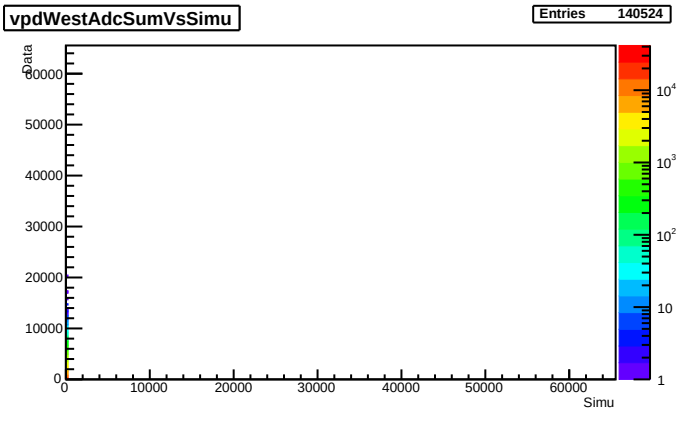
Entries 124475
Data
Simu


vpdWestAdcSum
Entries 182974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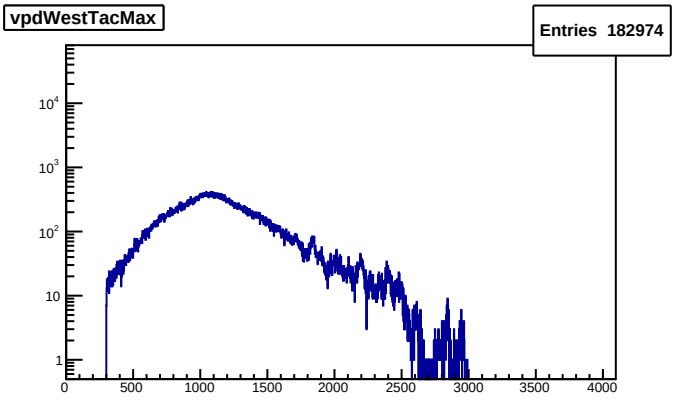
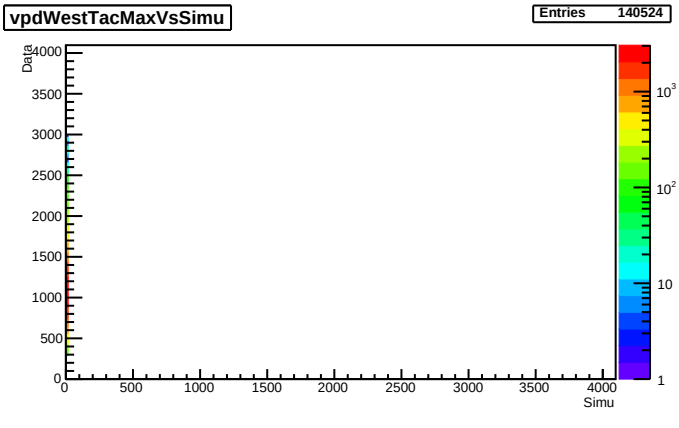
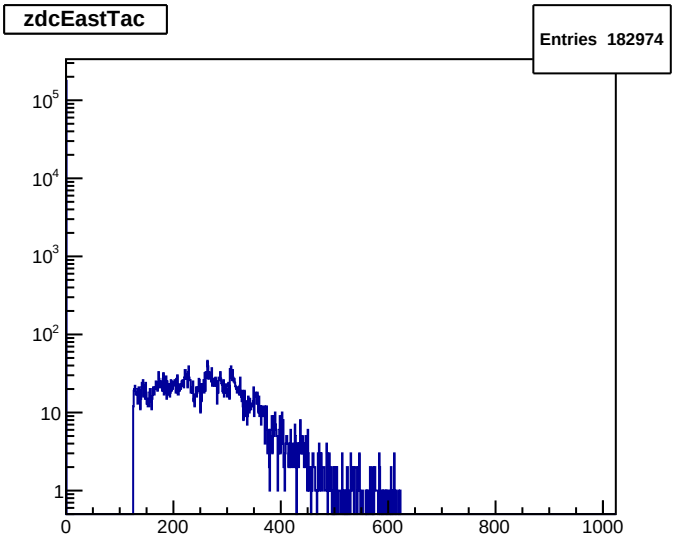
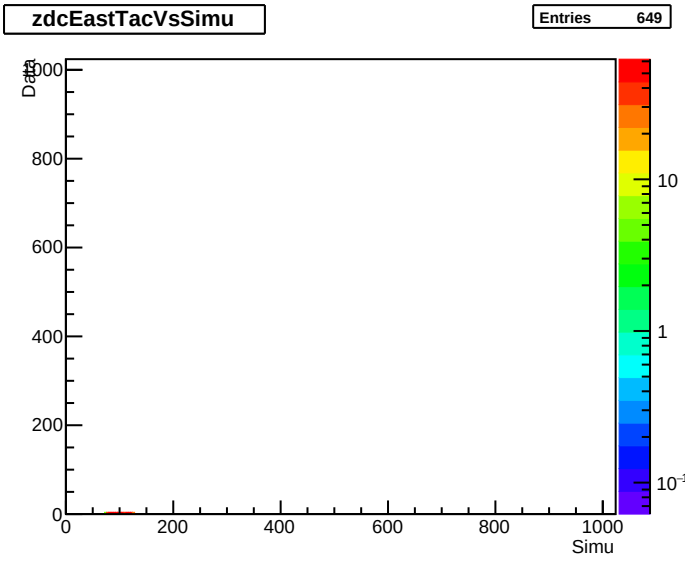
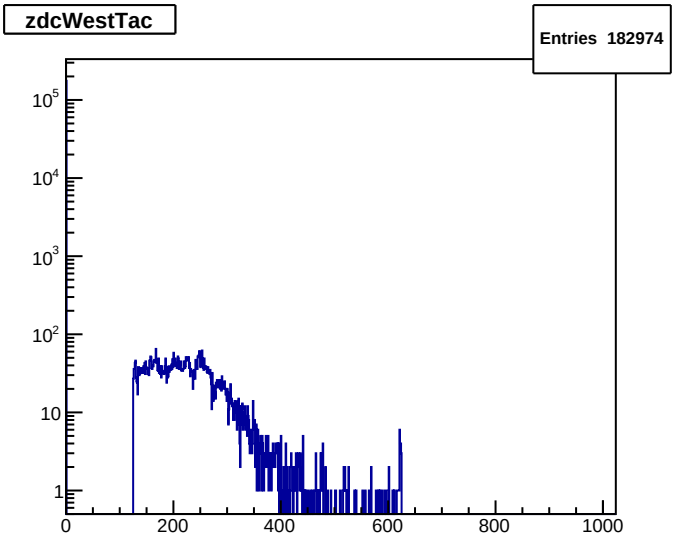
Entries 140524
Data
Simu

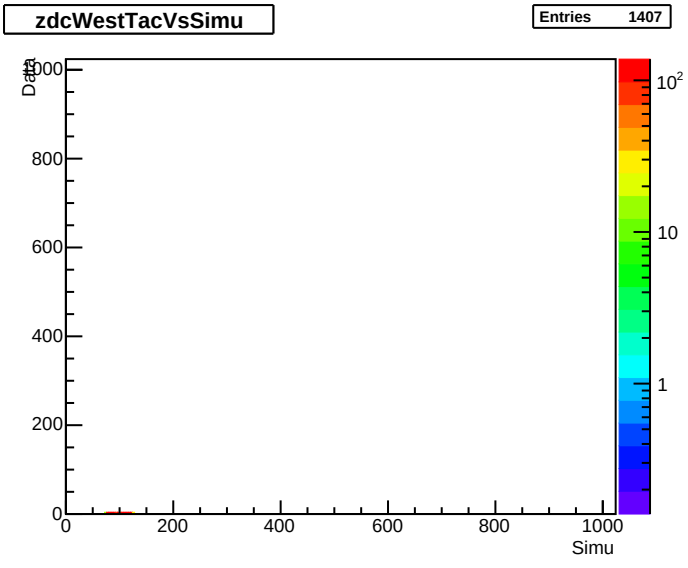

vpdWestTacMax
Entries 182974

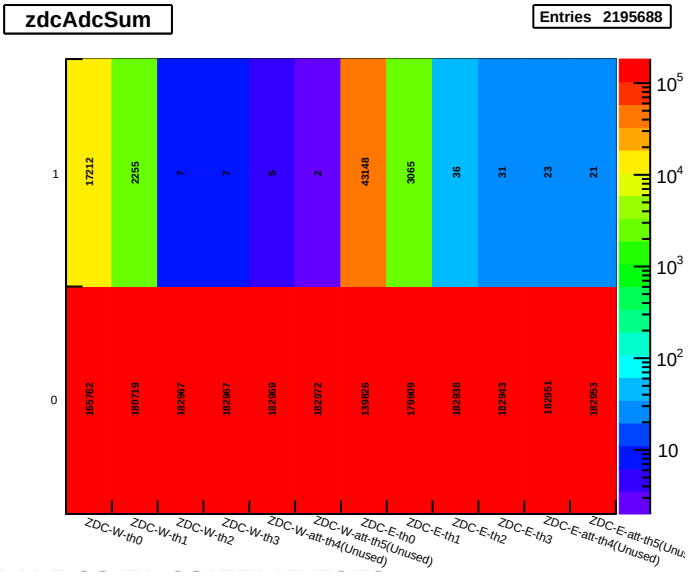

vpdWestTacMaxVsSimu
Entries 140524
Data
Simu

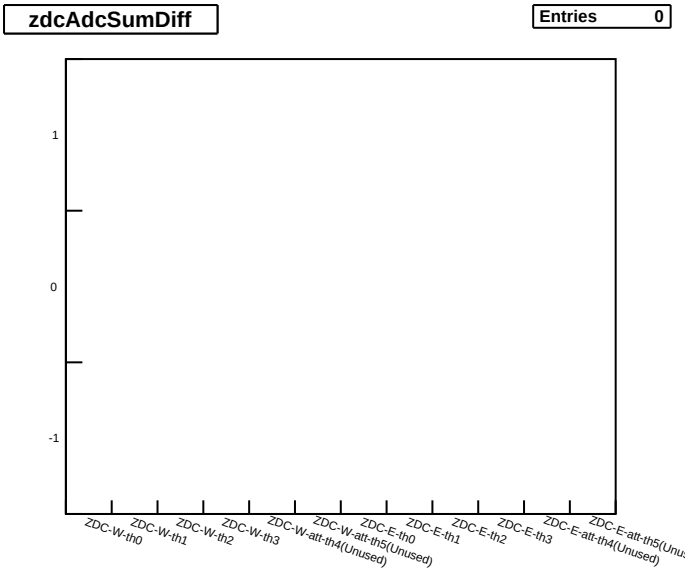

zdcEastTac
Entries 182974


zdcEastTacVsSimu
Entries 649
Data
Simu


zdcWestTac
Entries 182974


zdcWestTacVsSimu
Entries 1407
Data
Simu


zdcAdcSum
Entries 2195688
17212
2255
7
7
5
2
43148
3065
36
31
23
21
165762
180719
182967
182967
182969
182972
139826
179909
182938
182943
182951
182953
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)
ZDC-E-att-th5(Unu


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
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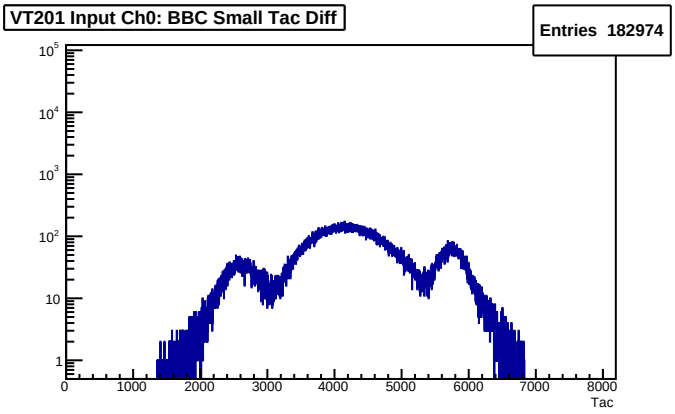
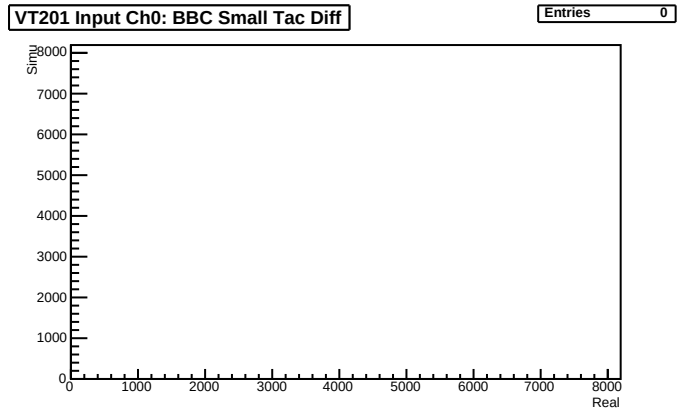
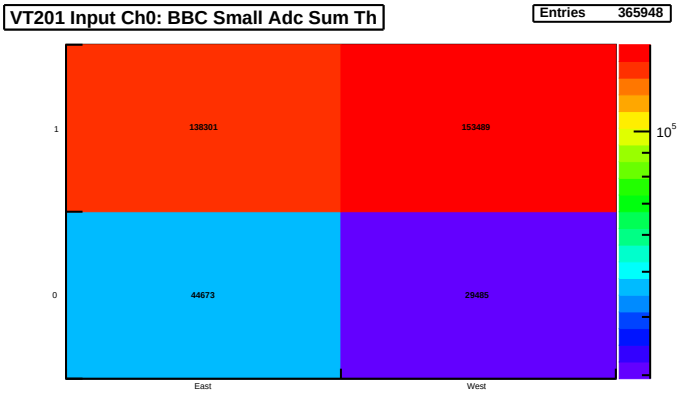
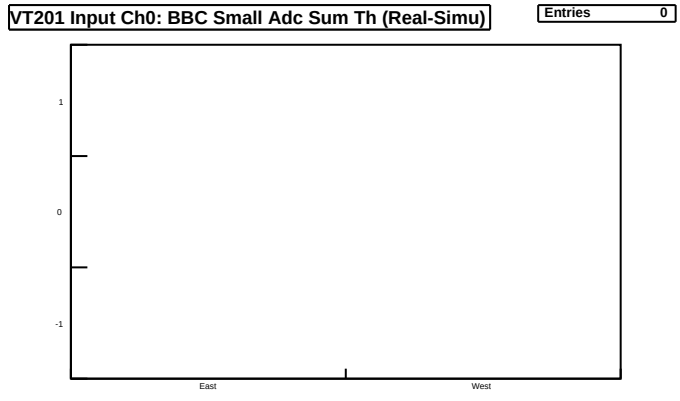
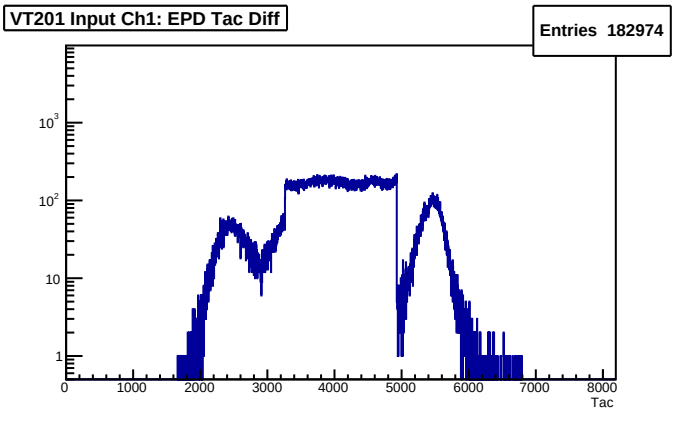
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

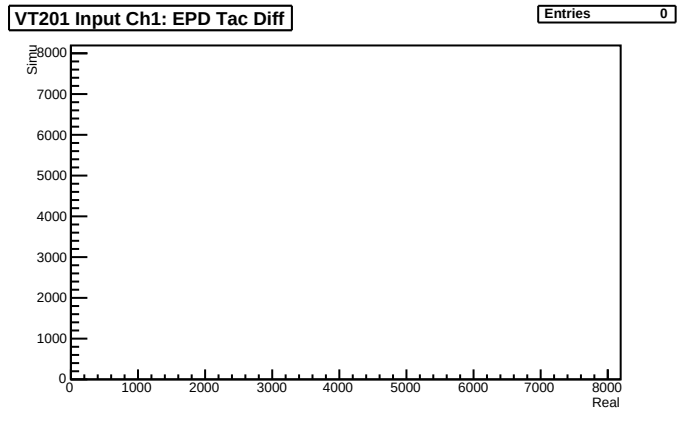

VT201 Input Ch0: BBC Small Tac Diff
Entries 182974
Tac

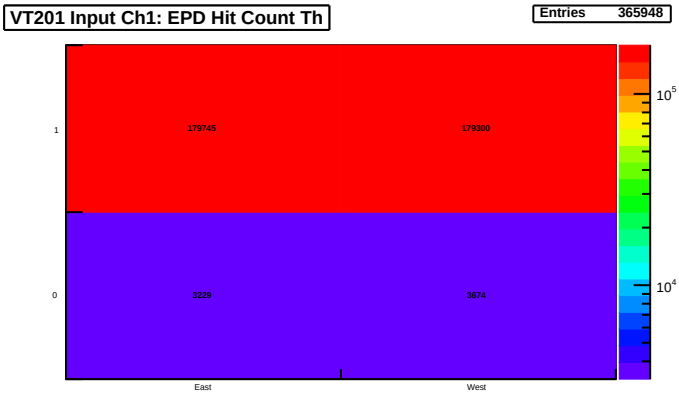

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

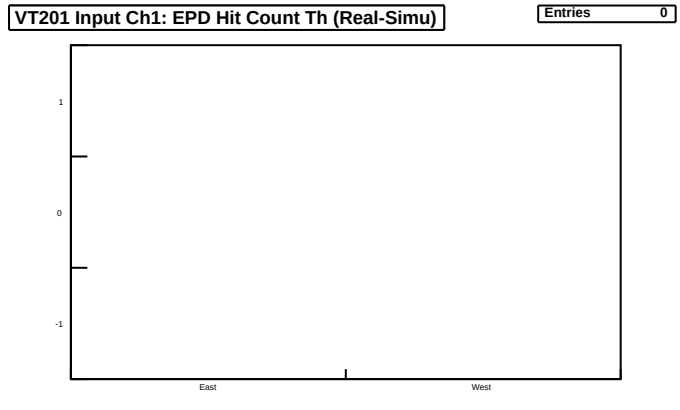

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 365948
138301
153489
44673
29485
East
West

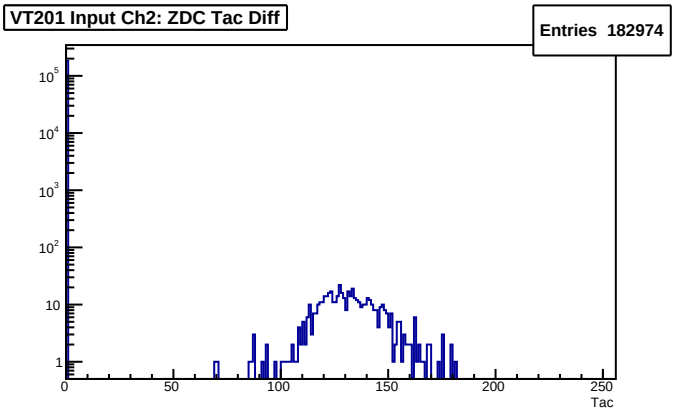

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

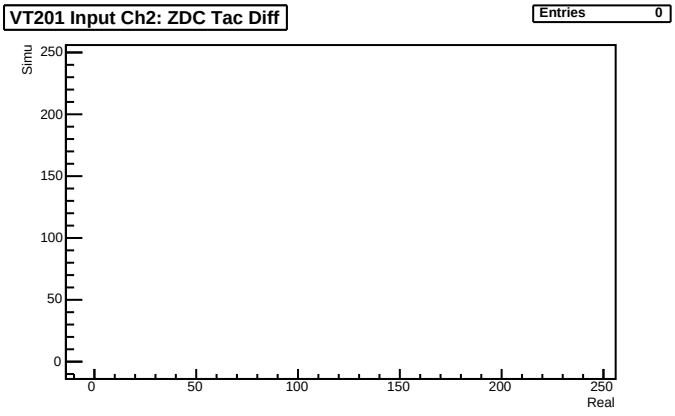

VT201 Input Ch1: EPD Tac Diff
Entries 182974
Tac

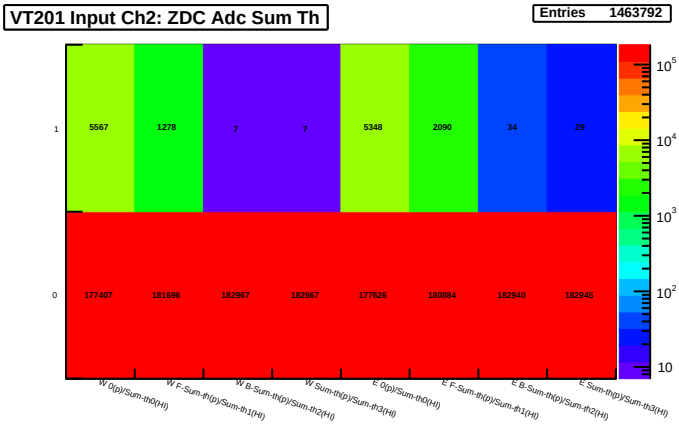

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

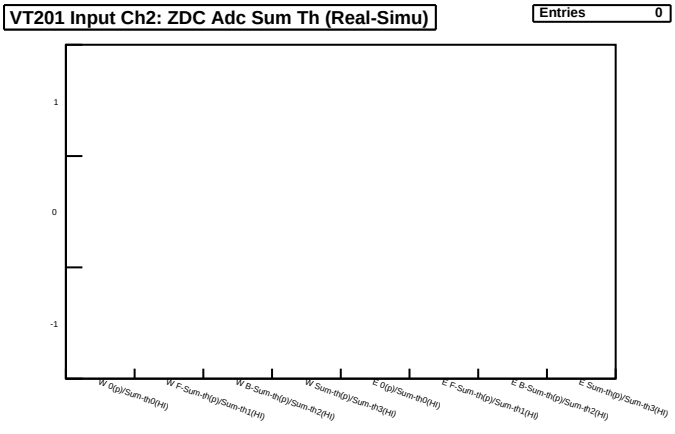

VT201 Input Ch1: EPD Hit Count Th
Entries 365948
179745
179300
3229
3674
East
West

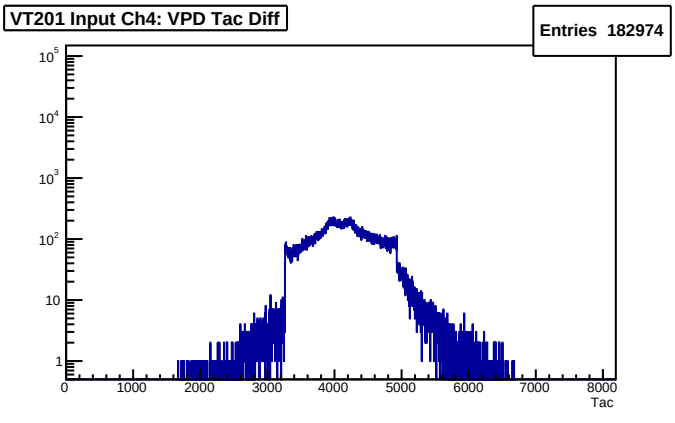

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

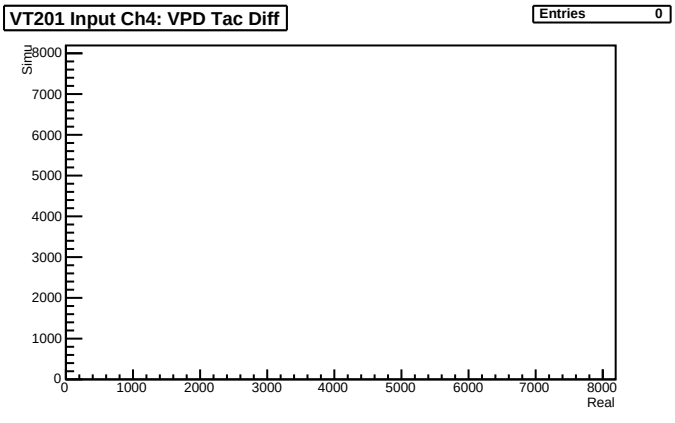

VT201 Input Ch2: ZDC Tac Diff
Entries 182974
Tac

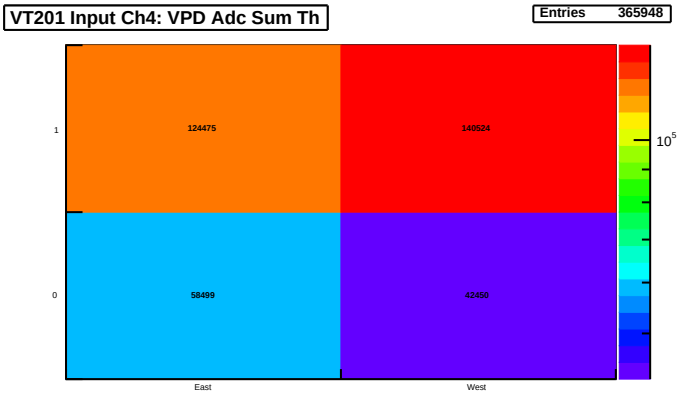

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

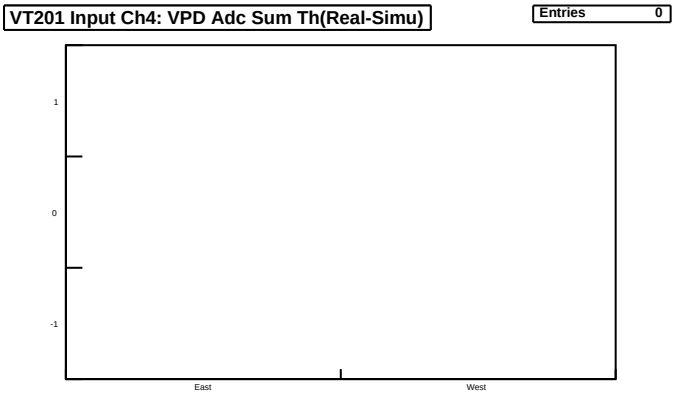

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1463792
5567
1278
7
7
5348
2090
34
29
177407
181696
182967
182967
177626
180884
182940
182945
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

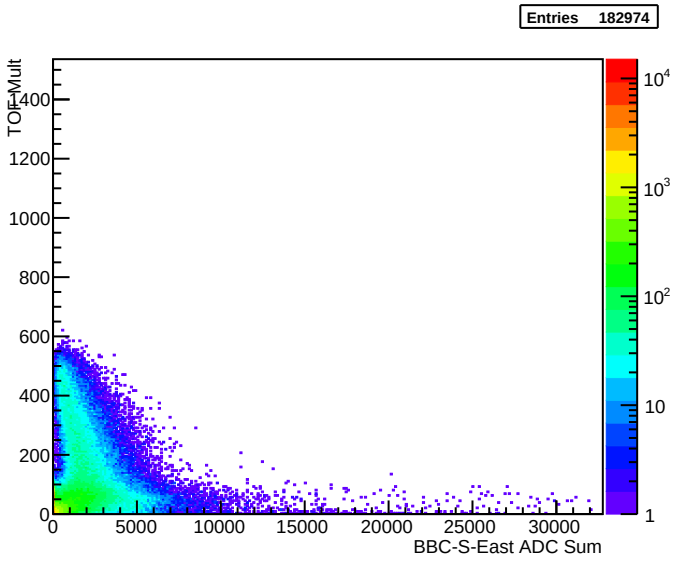

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

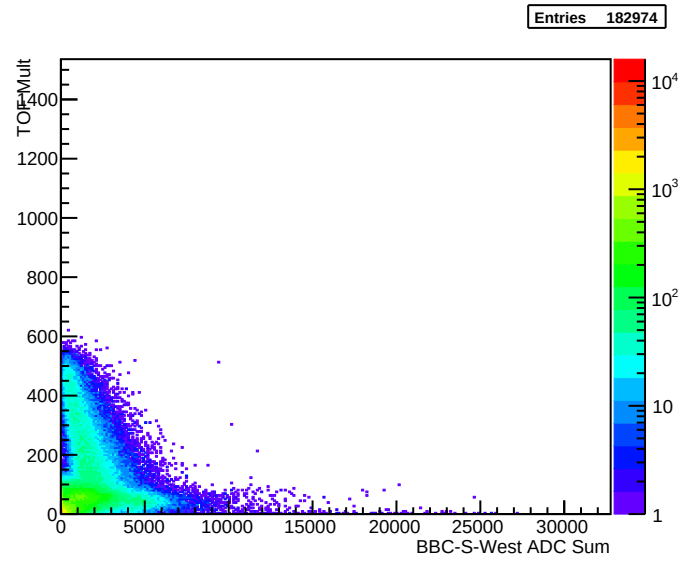

VT201 Input Ch4: VPD Tac Diff
Entries 182974
Tac

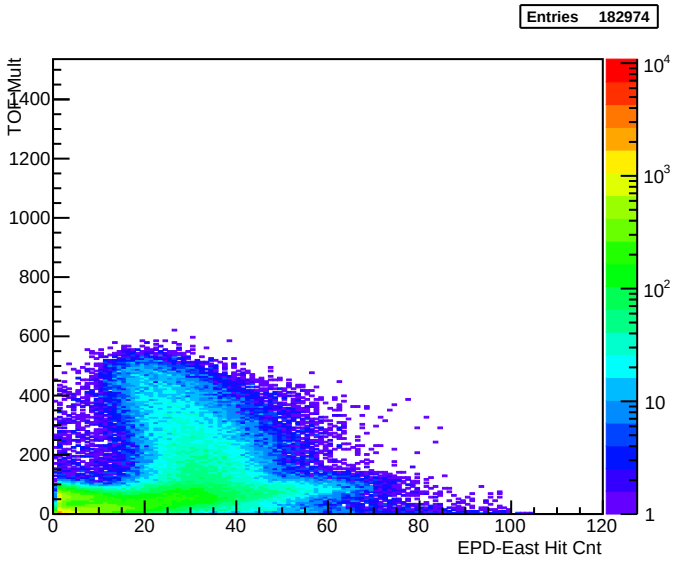

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

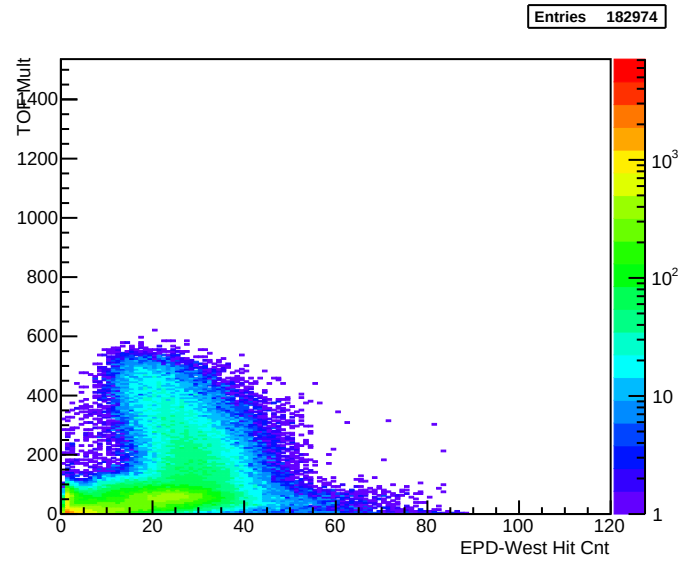

VT201 Input Ch4: VPD Adc Sum Th
Entries 365948
124475
140524
58499
42450
East
West

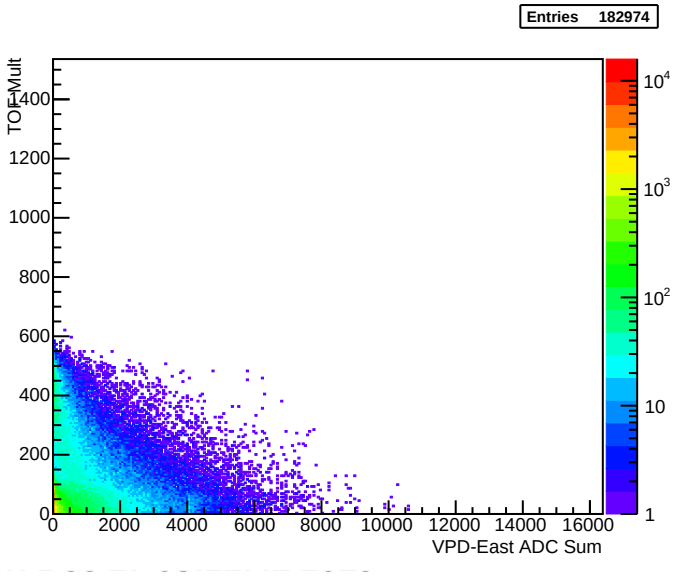

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

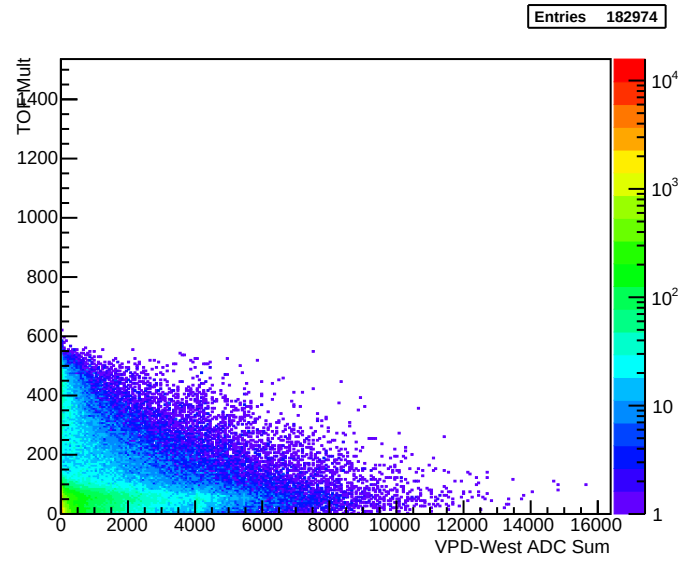

Entries 182974
TOF-Mult
BBC-S-East ADC Sum

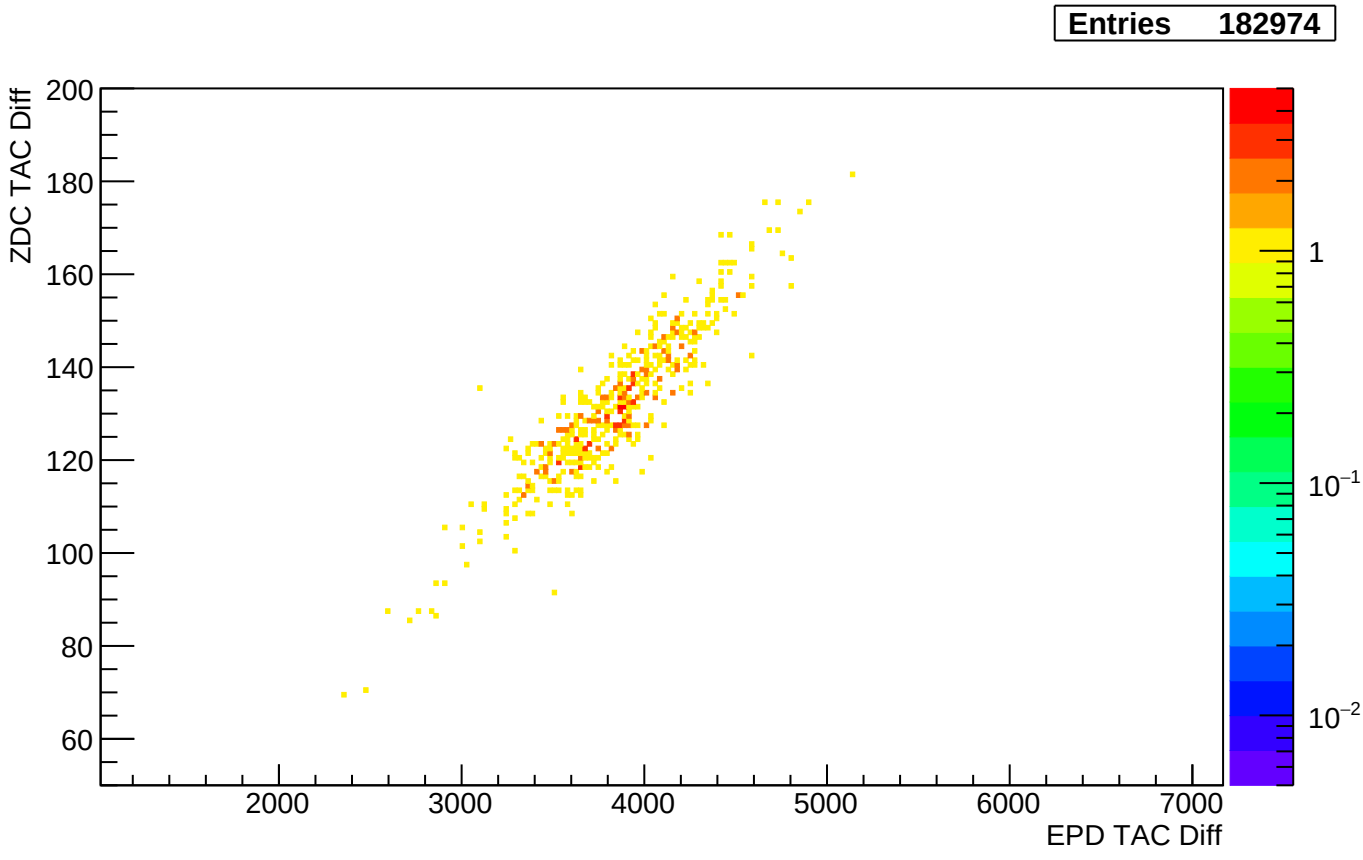

Entries 182974
TOF-Mult
BBC-S-West ADC Sum

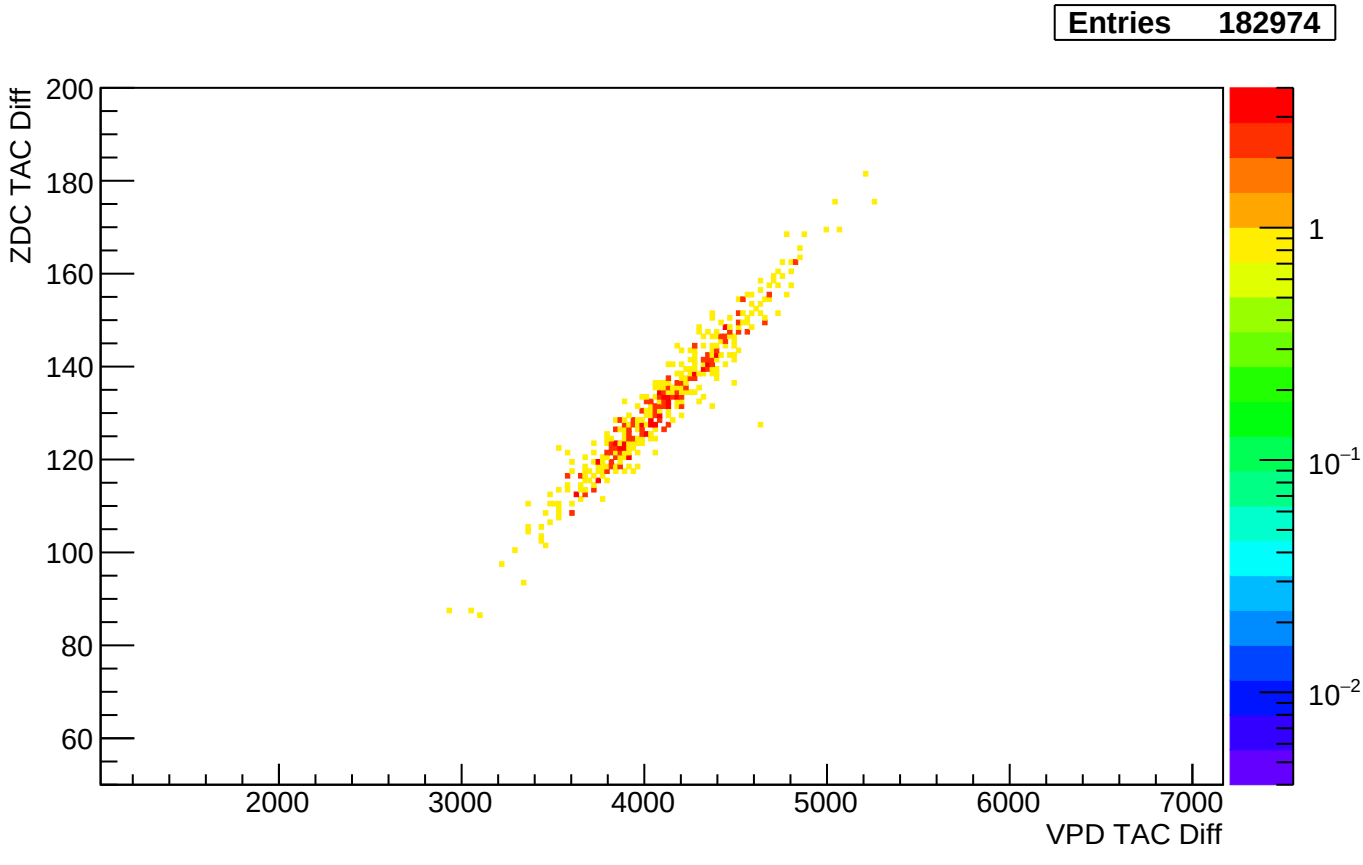

Entries 182974
TOF-Mult
EPD-East Hit Cnt

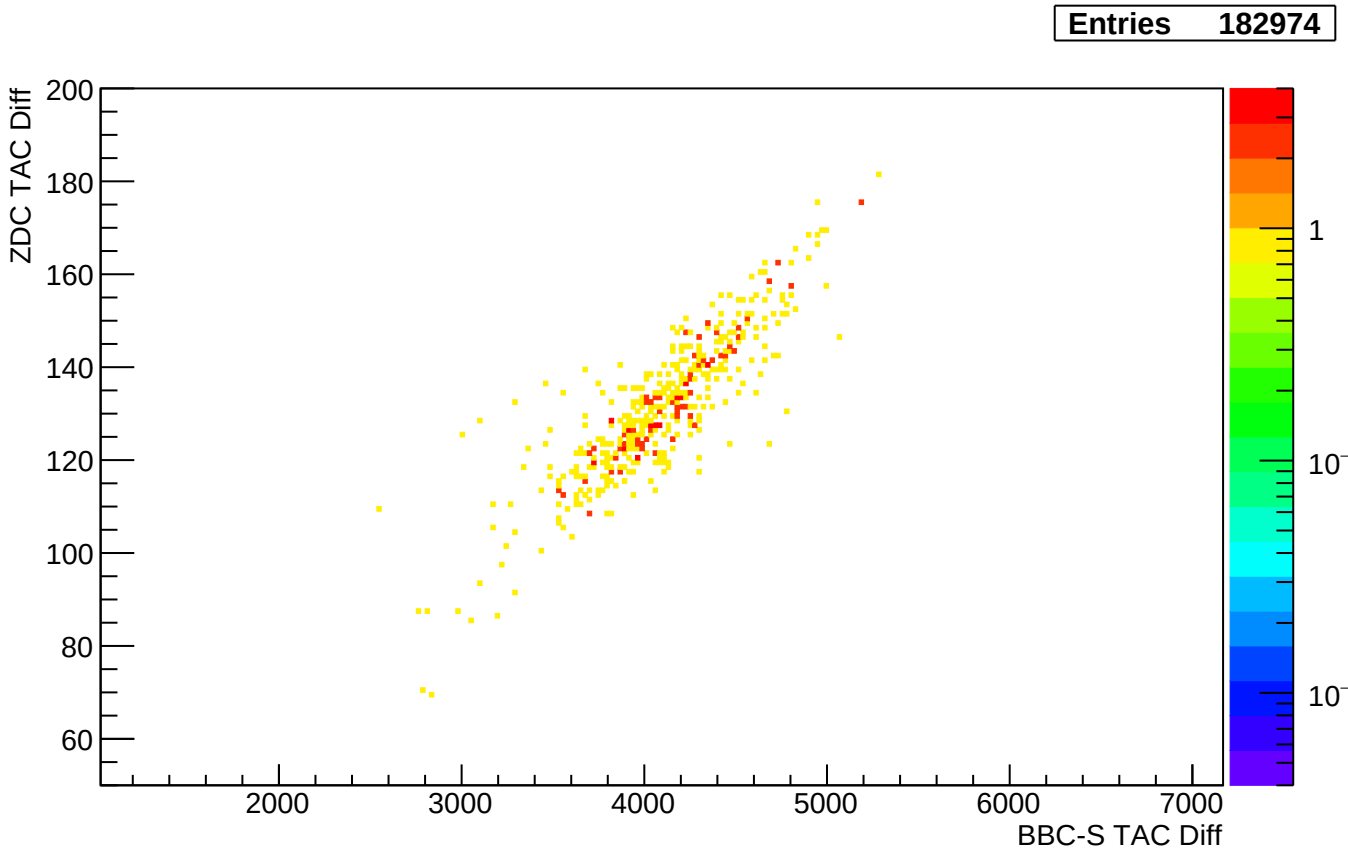

Entries 182974
TOF-Mult
EPD-West Hit Cnt

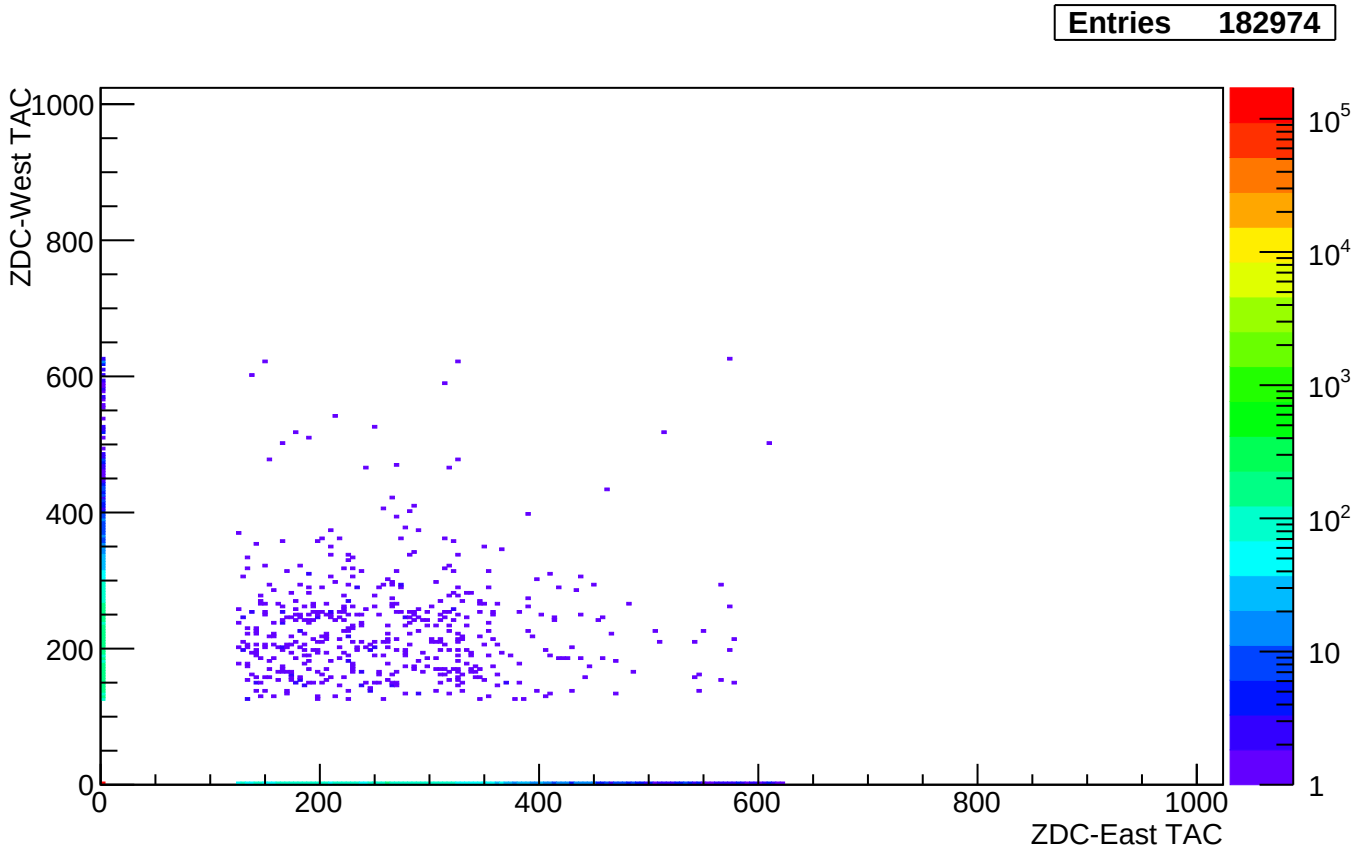

Entries 182974
TOF-Mult
VPD-East ADC Sum

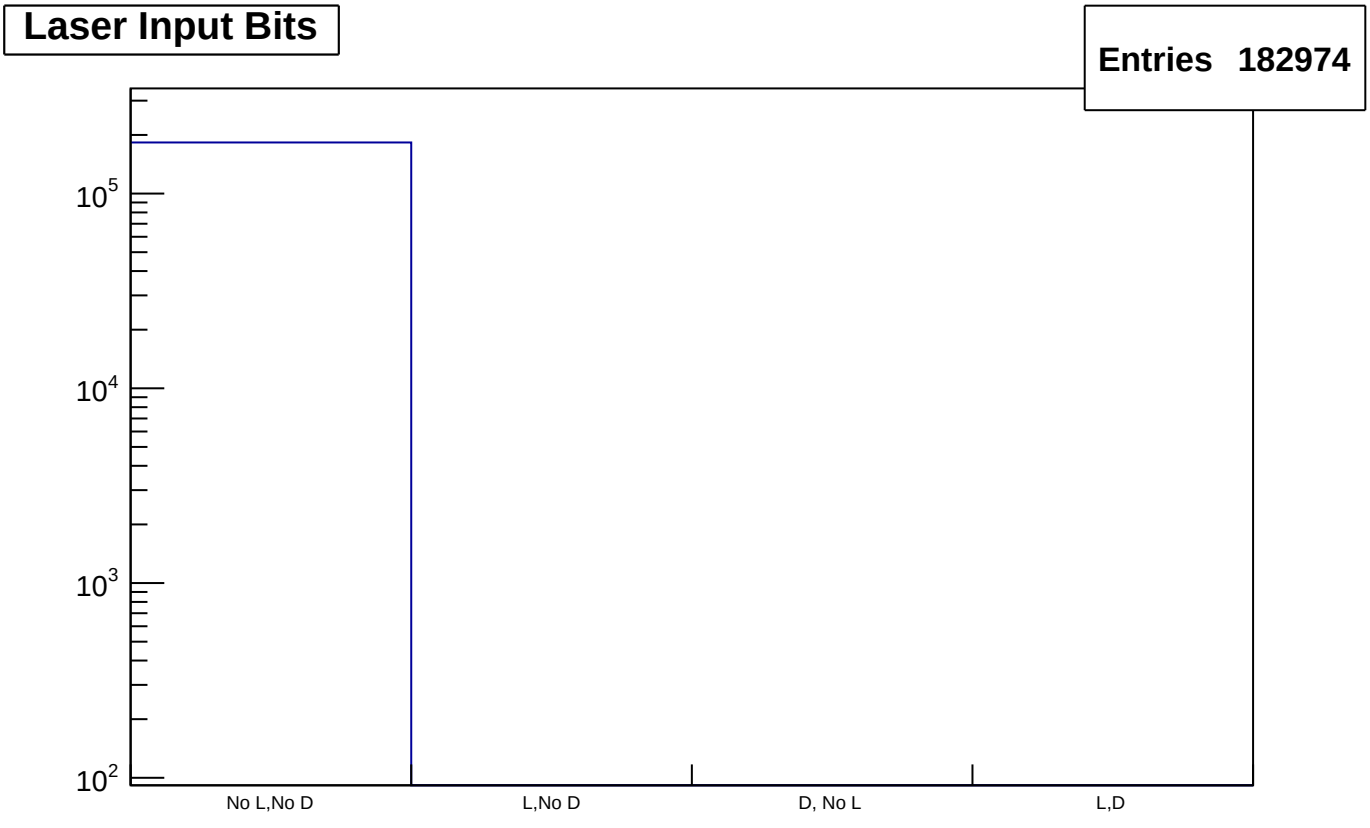

Entries 182974
TOF-Mult
VPD-West ADC Sum

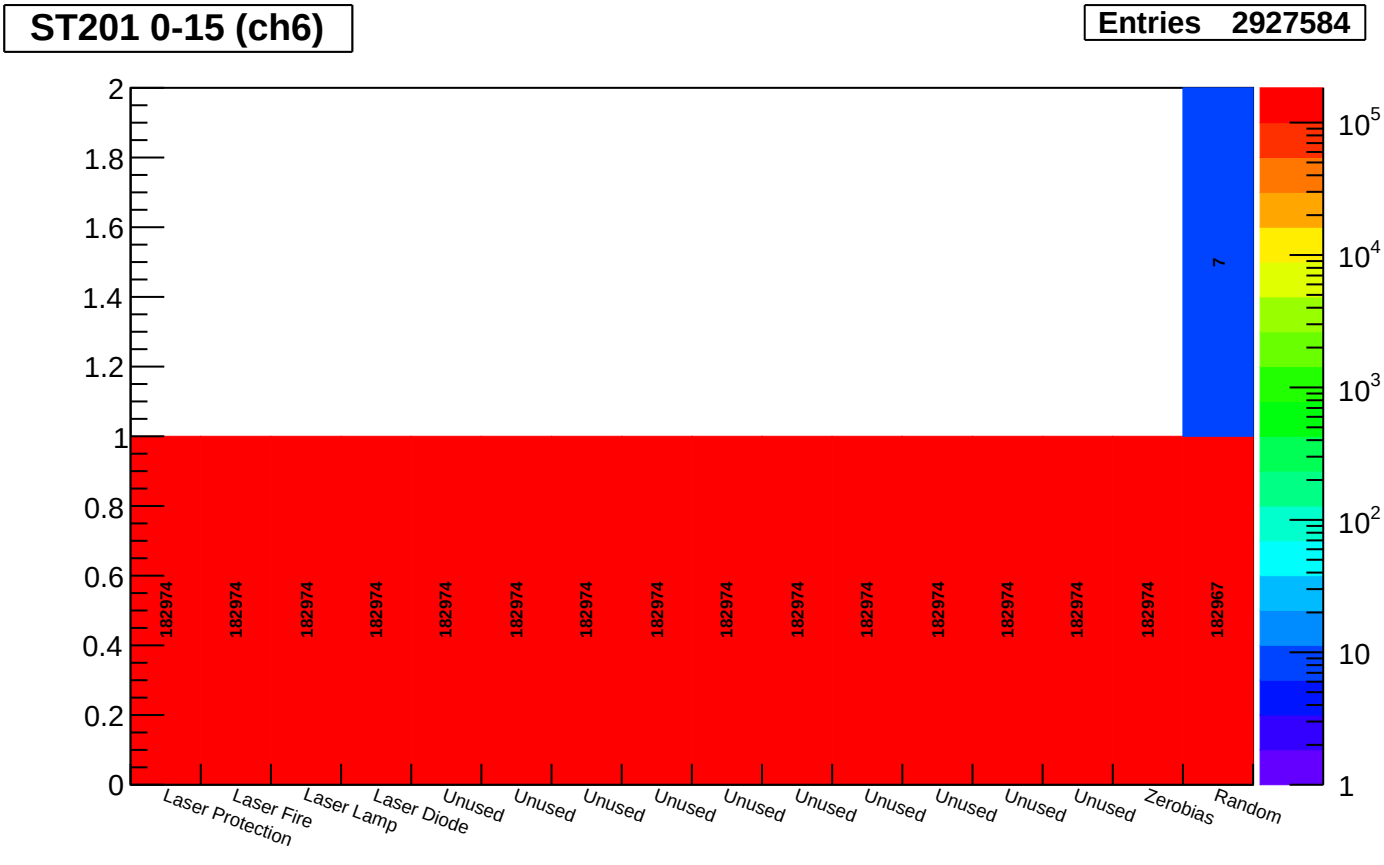

Entries 182974
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

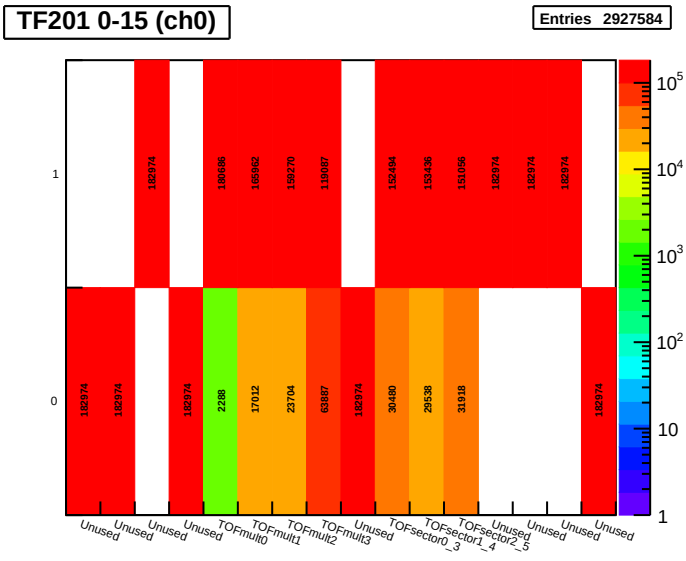

Entries 182974
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

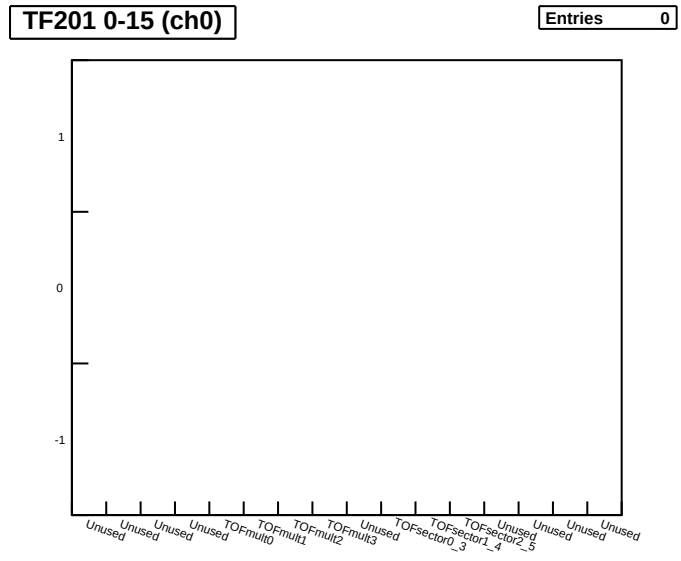

Entries 182974
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

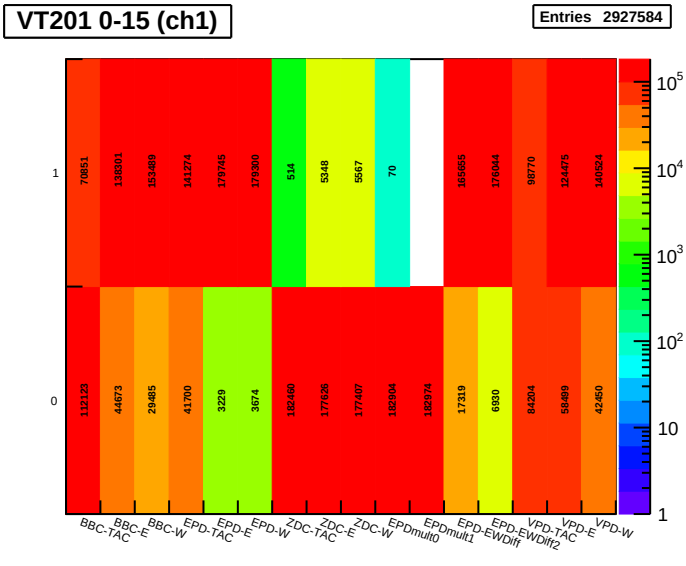

Entries 182974
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

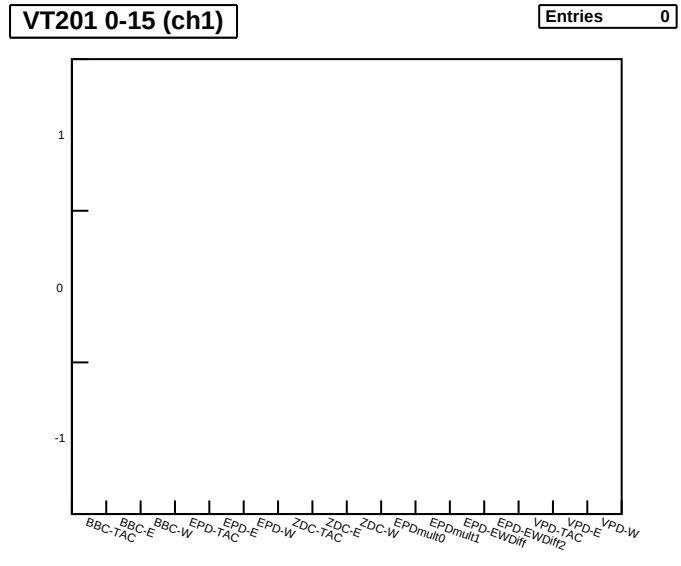

Laser Input Bits
Entries 182974
$10^5$
$10^4$
$10^3$
$10^2$
No L,No D
L,No D
D, No L
L,D

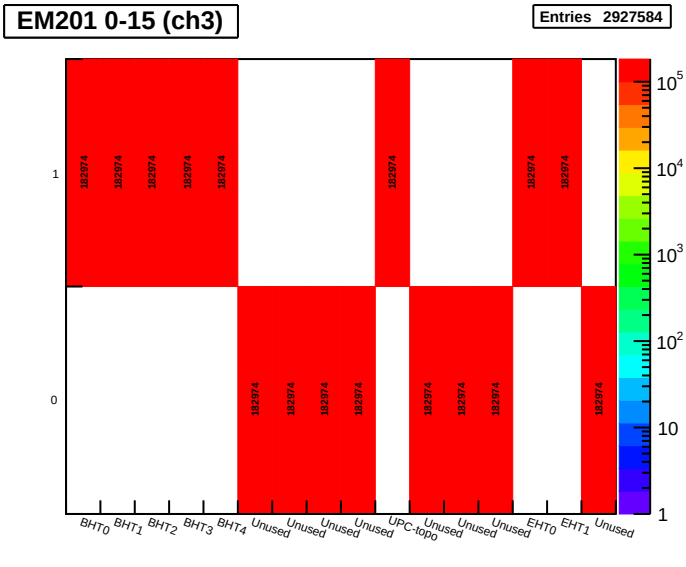

ST201 0-15 (ch6)
Entries 2927584
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
182974
182967
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

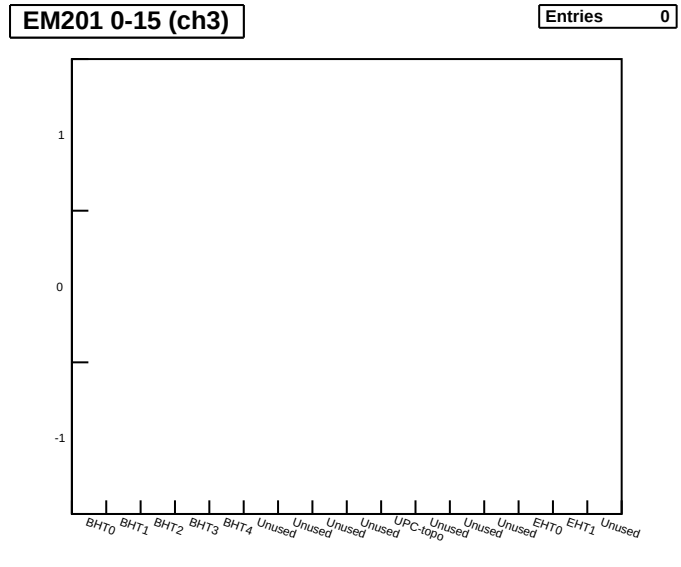

TF201 0-15 (ch0)
Entries 2927584
1
0
182974 182974 182974 2288 17012 23704 63887 182974 30480 29538 31918 182974
182974 180686 165962 189270 119087 152494 153436 151056 182974 182974 182974
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 2927584
1
0
112123 44673 29485 41700 3229 3674 182460 177626 177407 182904 182974 17319 6930 84204 58499 42450
70851 138301 153489 141274 179745 179300 514 5348 5567 70 165655 176044 98770 124475 140524
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 2927584
1
0
182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974 182974
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