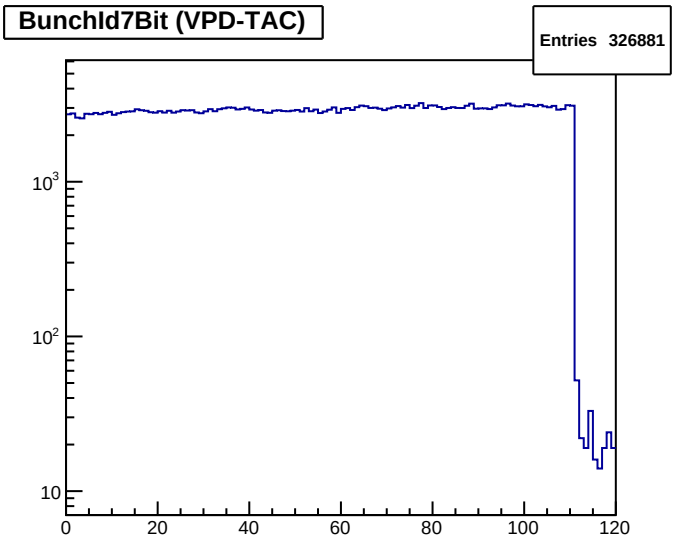
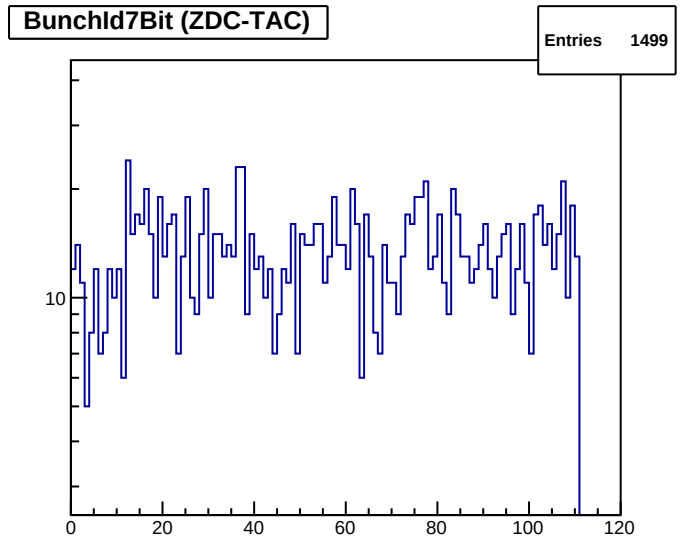
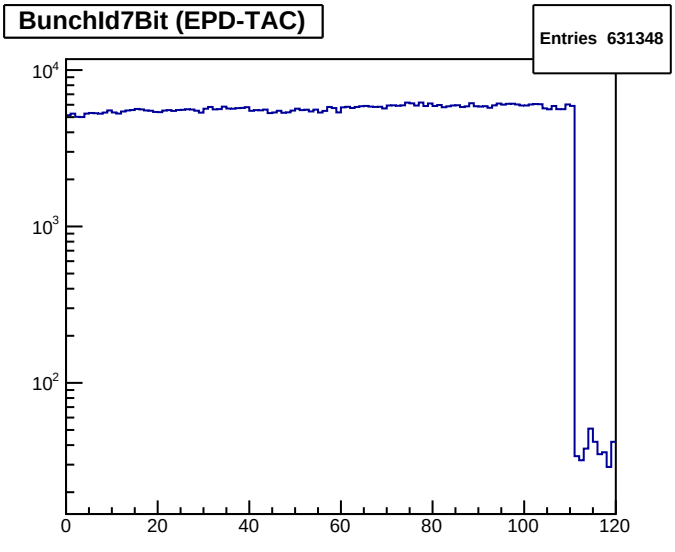
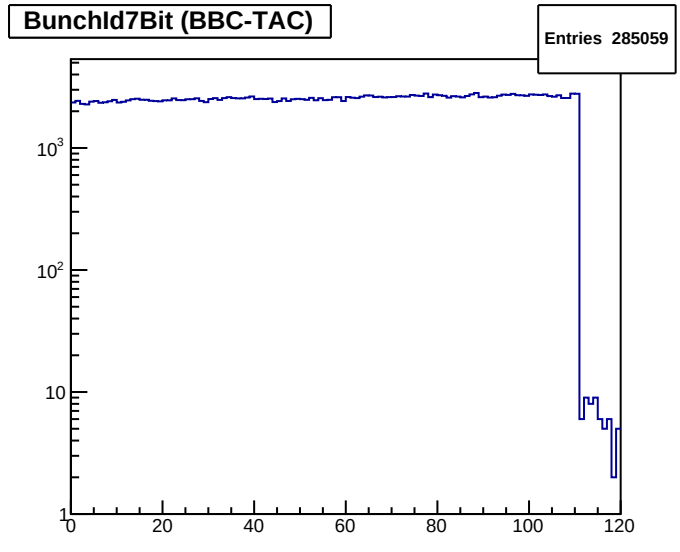
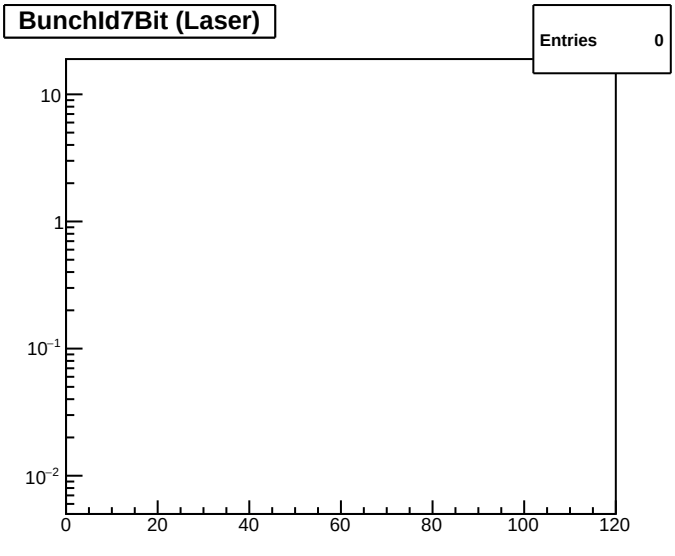
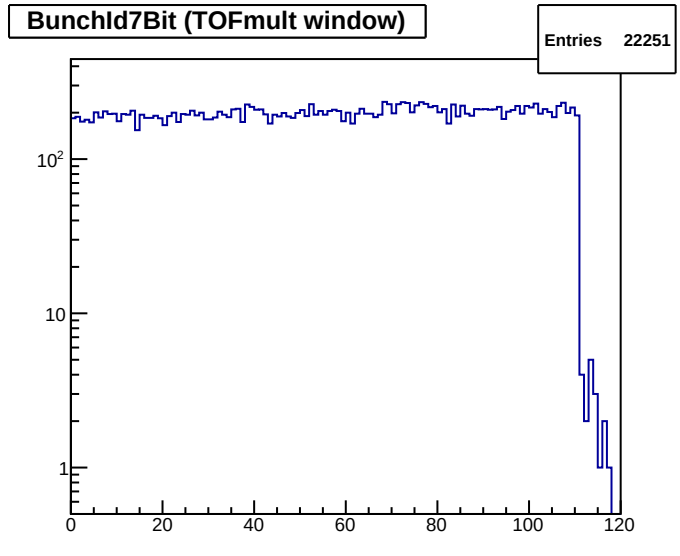

BunchId7Bit (VPD-TAC)
Entries 326881

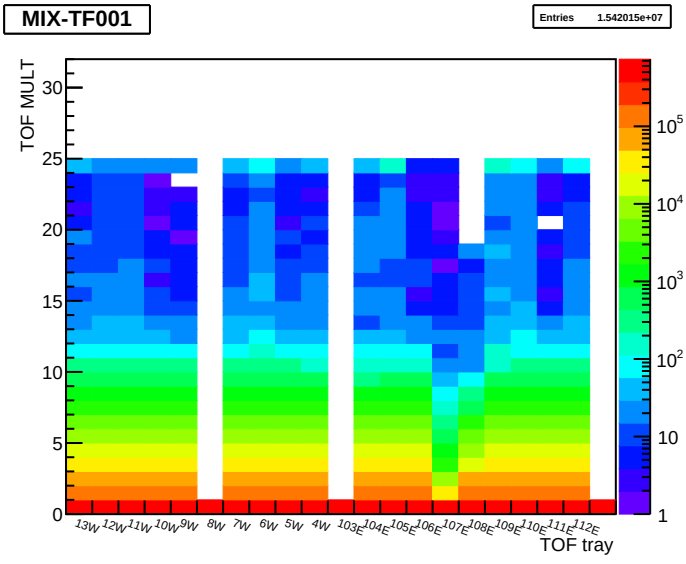

BunchId7Bit (ZDC-TAC)
Entries 1499

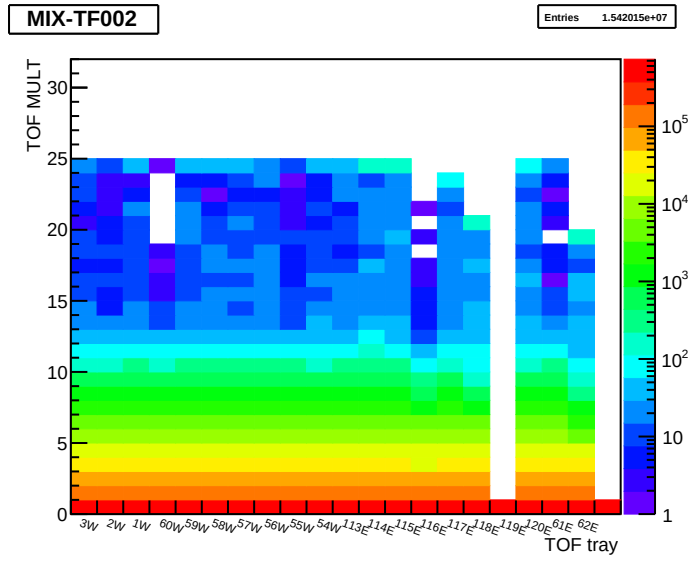

BunchId7Bit (EPD-TAC)
Entries 631348

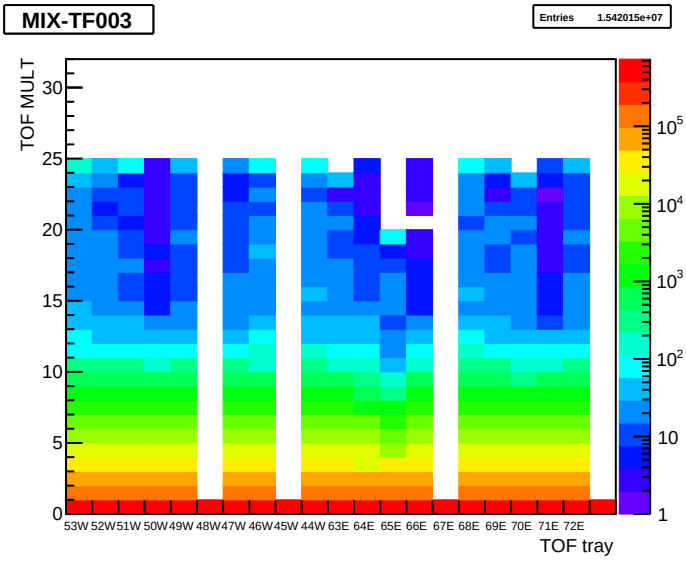

BunchId7Bit (BBC-TAC)
Entries 285059

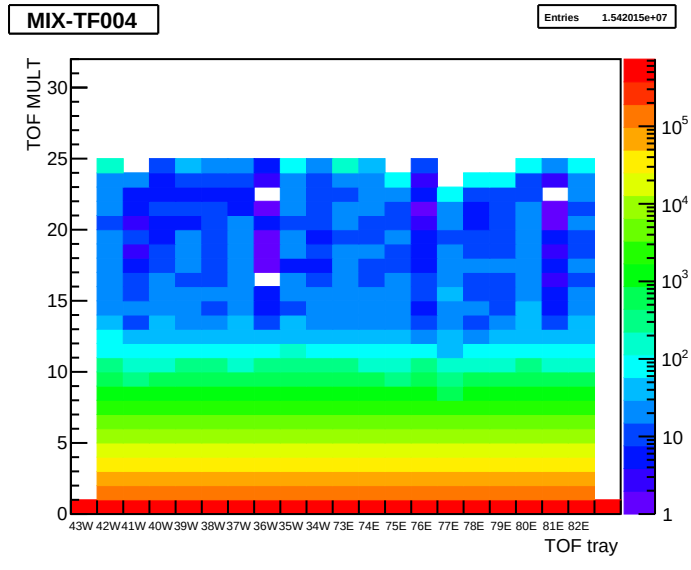

BunchId7Bit (Laser)
Entries 0

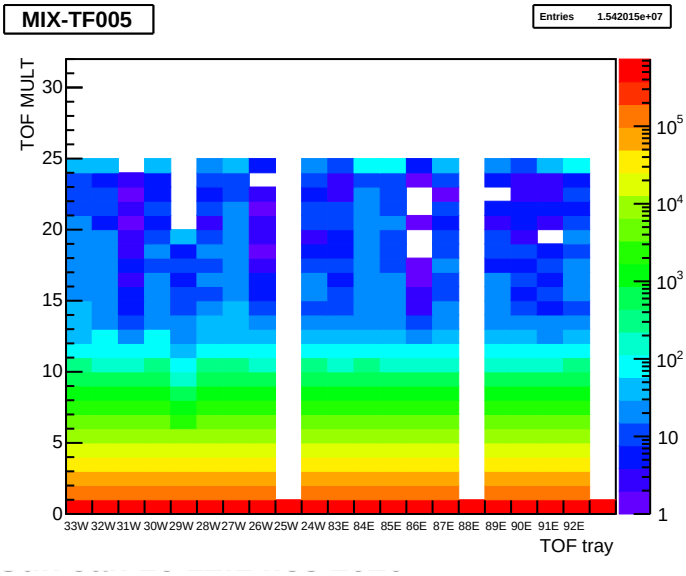

BunchId7Bit (TOFmult window)
Entries 22251

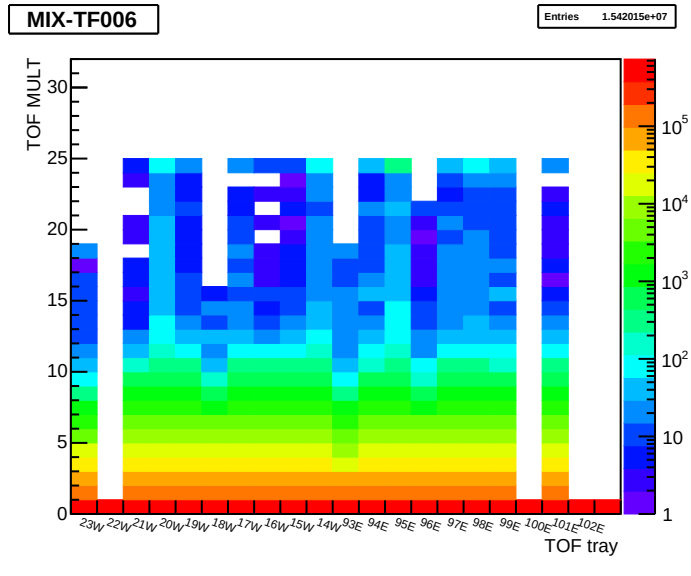

MIX-TF001
Entries 1.542015e+07
TOF MULT
TOF tray

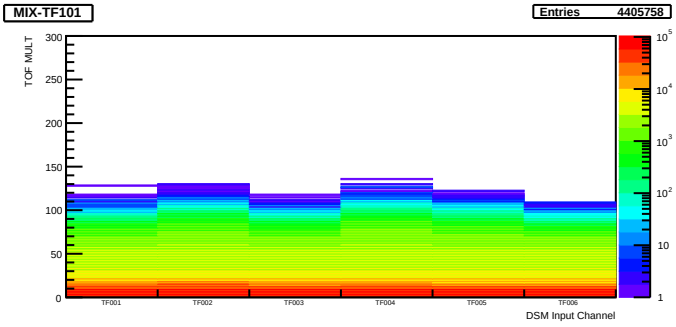

MIX-TF002
Entries 1.542015e+07
TOF MULT
TOF tray

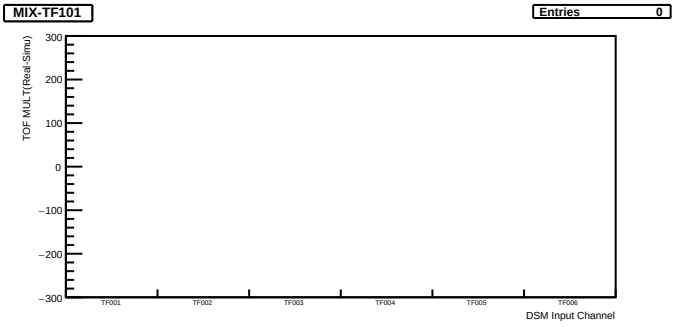

MIX-TF003
Entries 1.542015e+07
TOF MULT
TOF tray

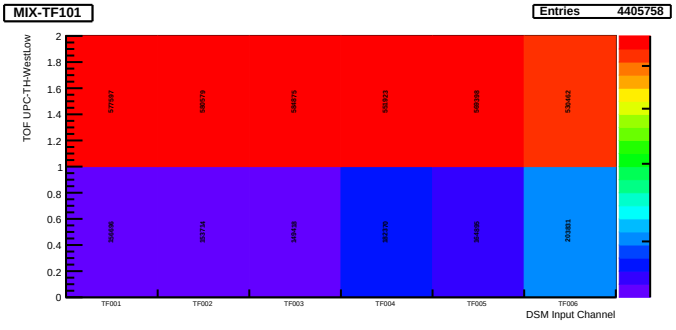

MIX-TF004
Entries 1.542015e+07
TOF MULT
TOF tray

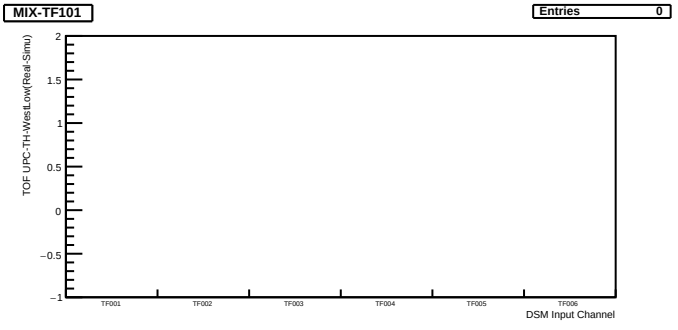

MIX-TF005
Entries 1.542015e+07
TOF MULT
TOF tray

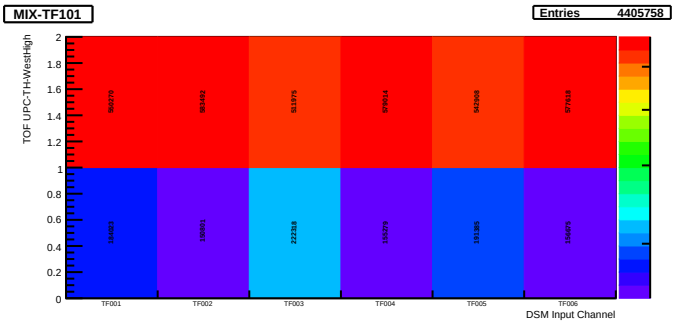

MIX-TF006
Entries 1.542015e+07
TOF MULT
TOF tray

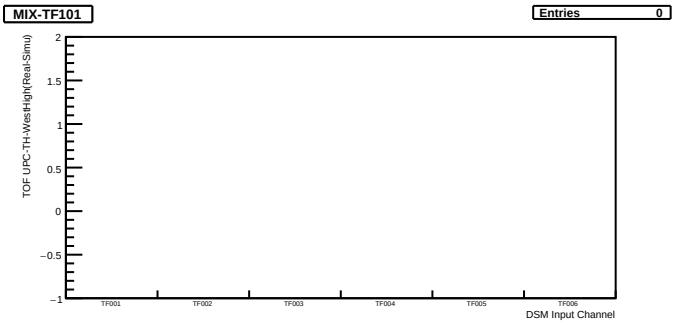

MIX-TF101
Entries 4405758
TOF MULT
DSM Input Channel

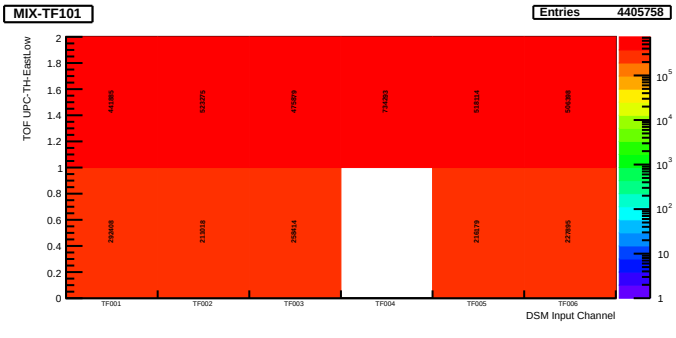

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

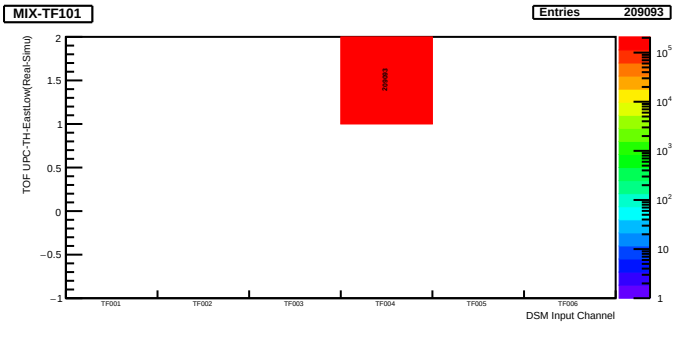

MIX-TF101
Entries 4405758
TOF UPC-TH-WestLow
DSM Input Channel

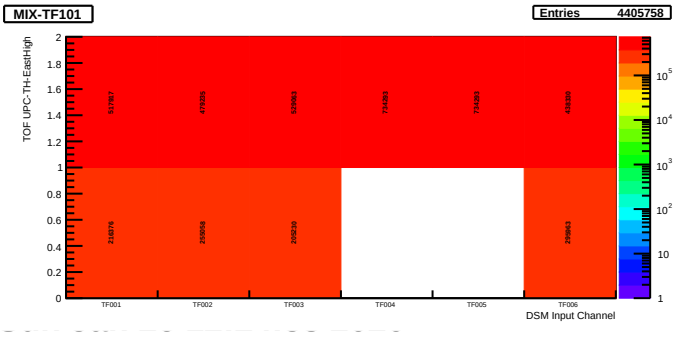

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

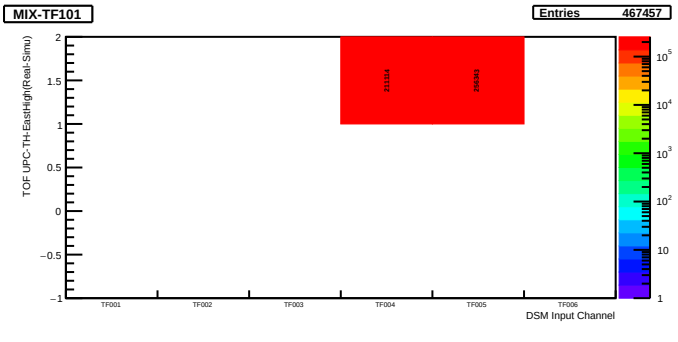

MIX-TF101
Entries 4405758
TOF UPC-TH-WestHigh
DSM Input Channel

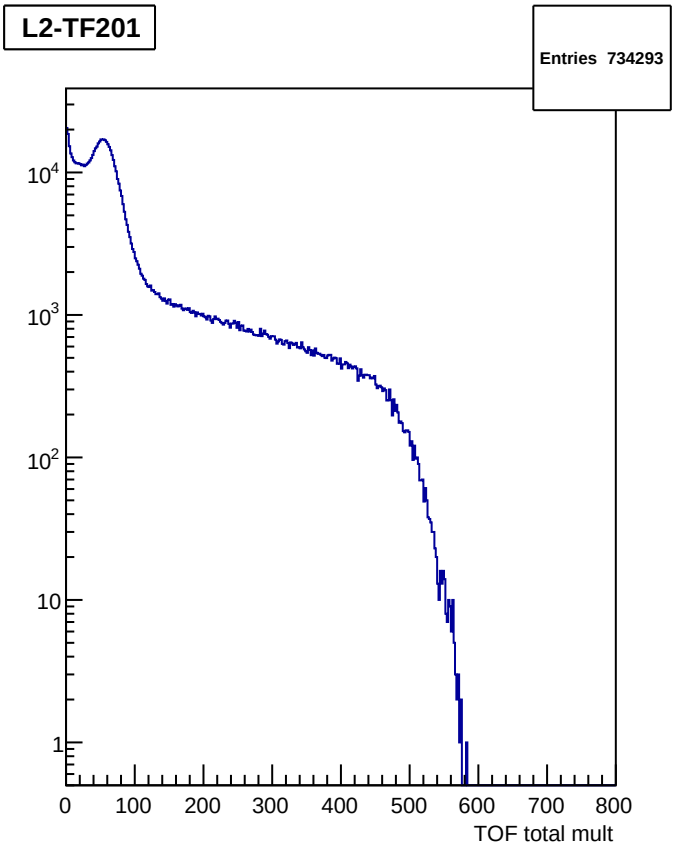

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

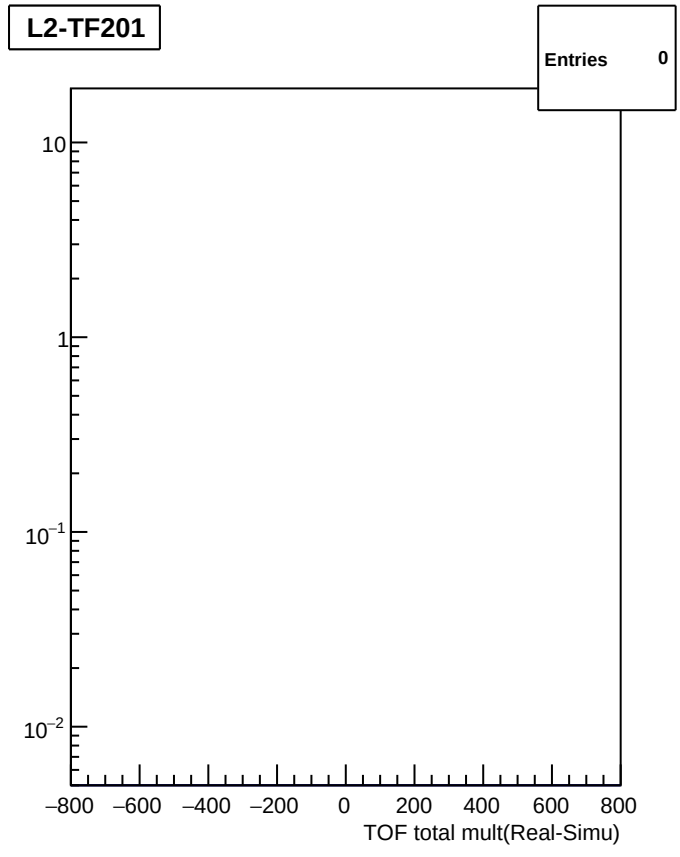

MIX-TF101
Entries 4405758
TOF UPC-TH-EastLow
DSM Input Channel

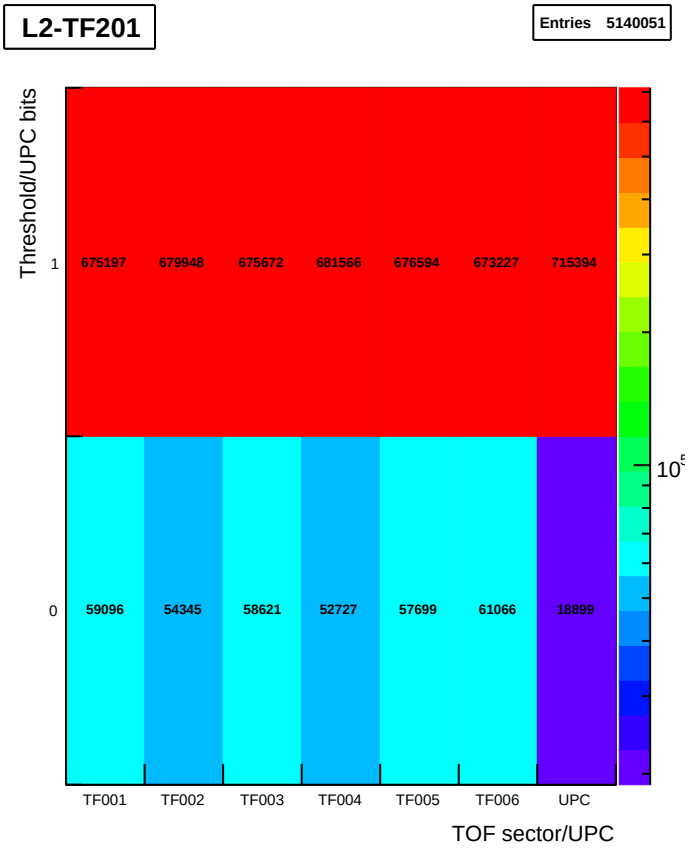

MIX-TF101
Entries 209093
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

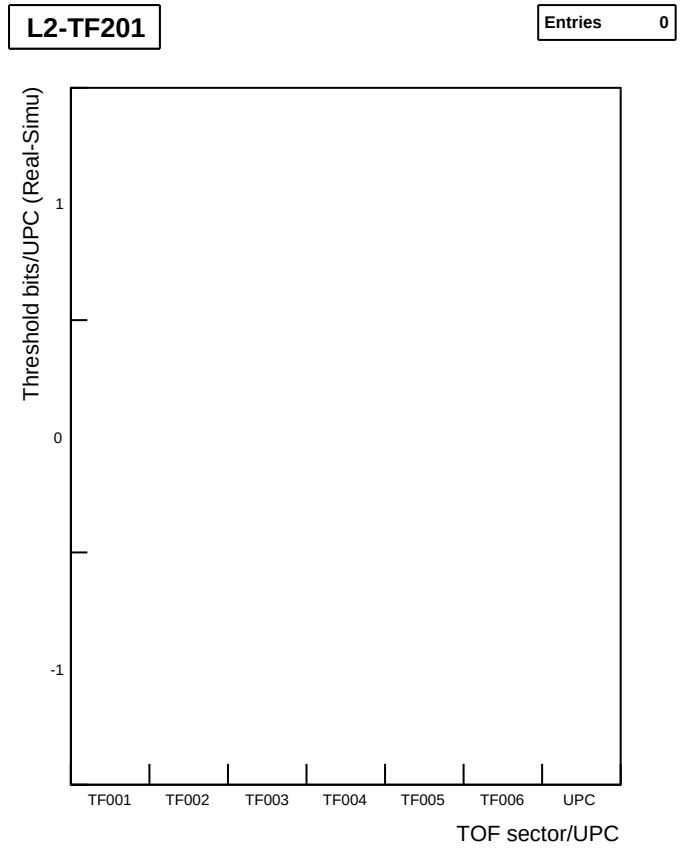

MIX-TF101
Entries 4405758
TOF UPC-TH-EastHigh
DSM Input Channel

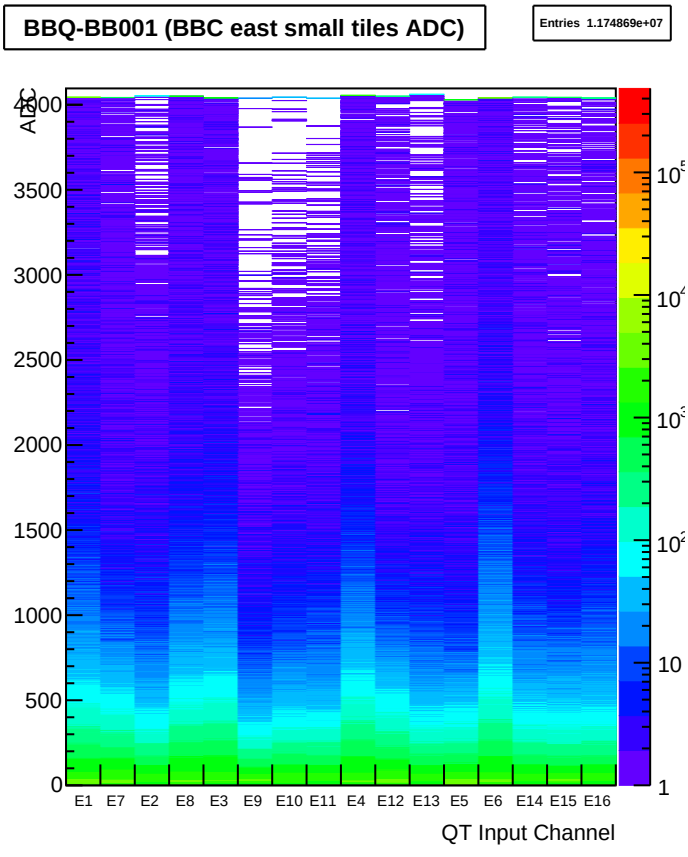

MIX-TF101
Entries 467457
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

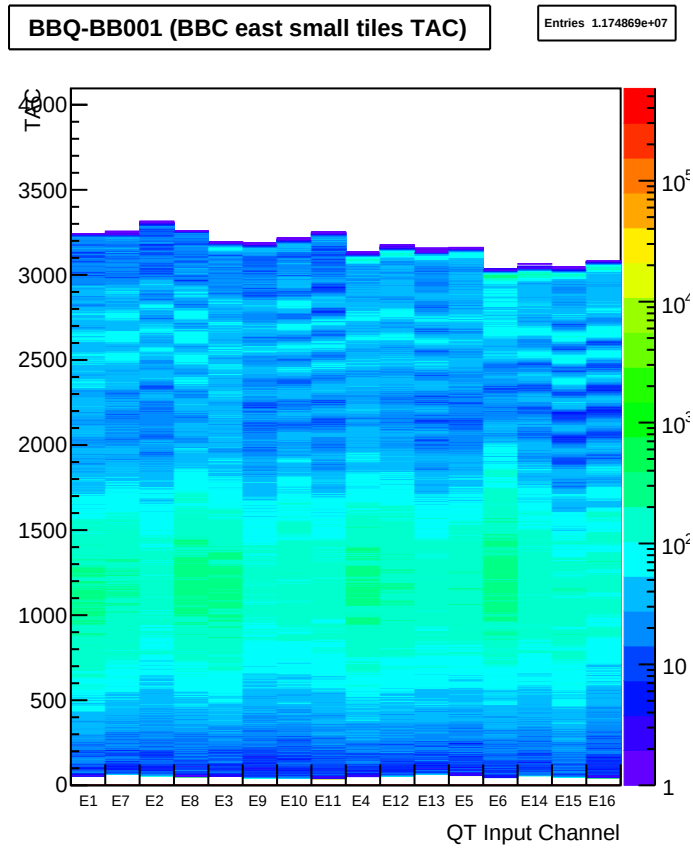

L2-TF201
Entries 734293
TOF total mult

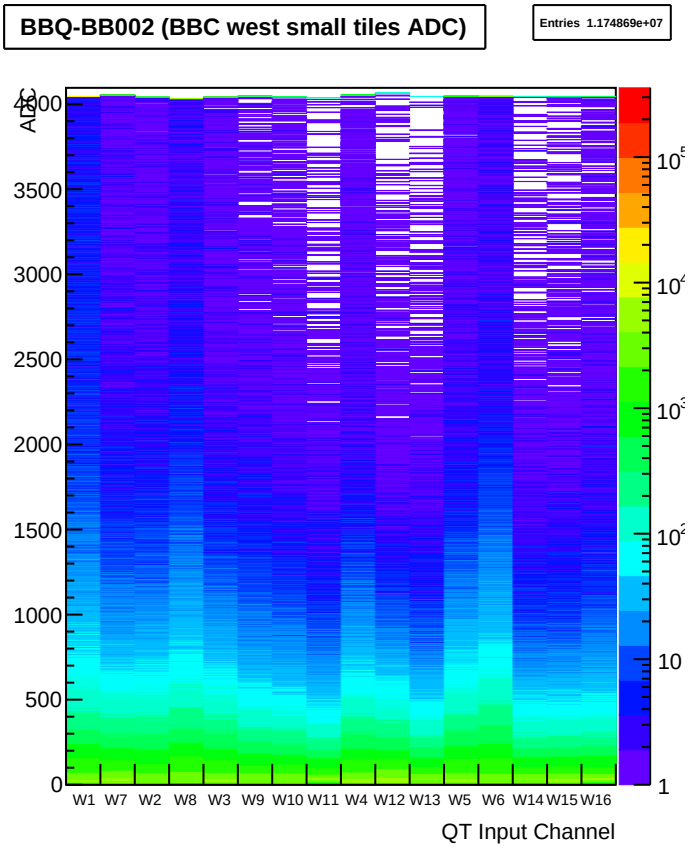

L2-TF201
Entries 0
TOF total mult(Real-Simu)

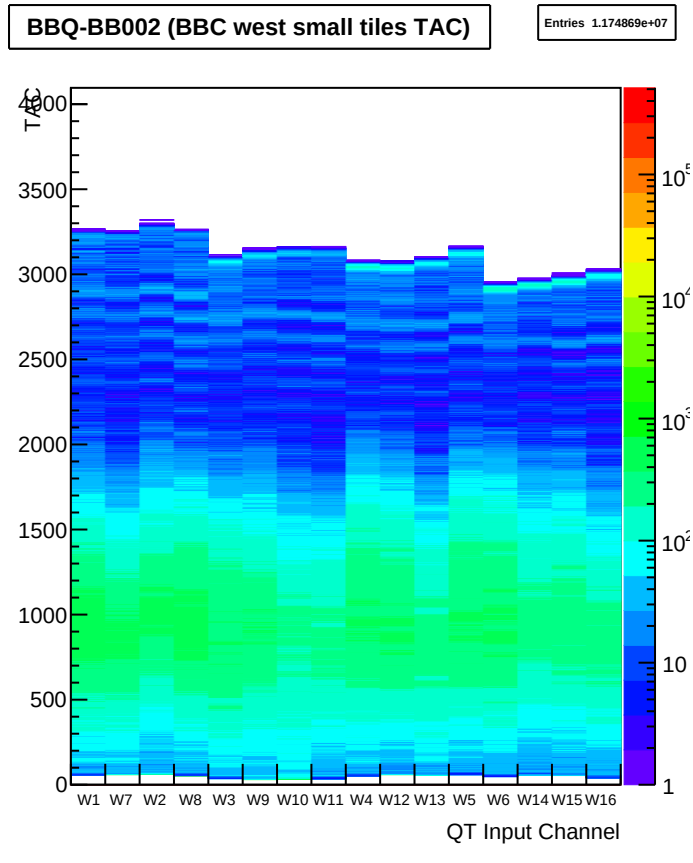

L2-TF201
Entries 5140051
Threshold/UPC bits
675197
679948
675672
681566
676594
673227
715394
59096
54345
58621
52727
57699
61066
18899
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

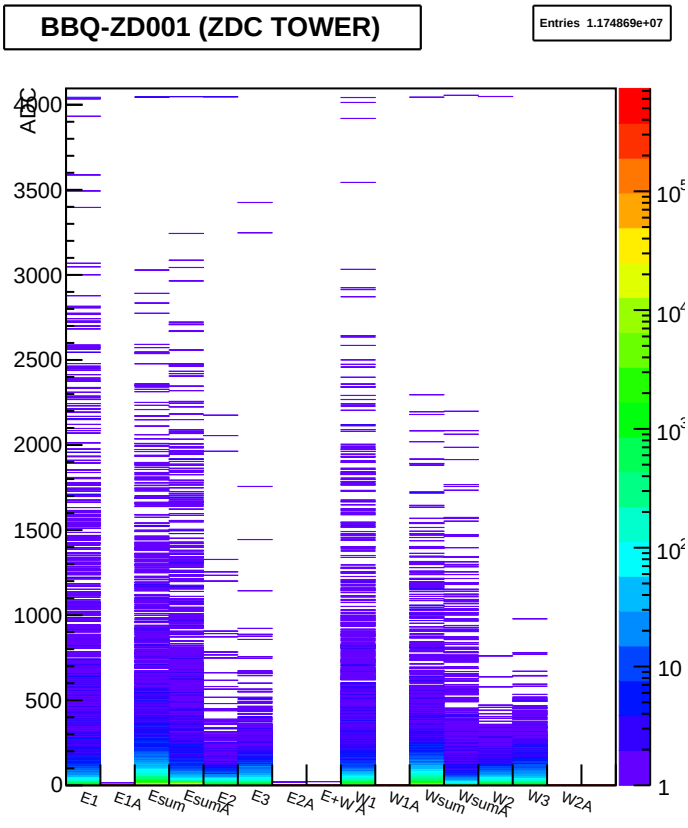

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

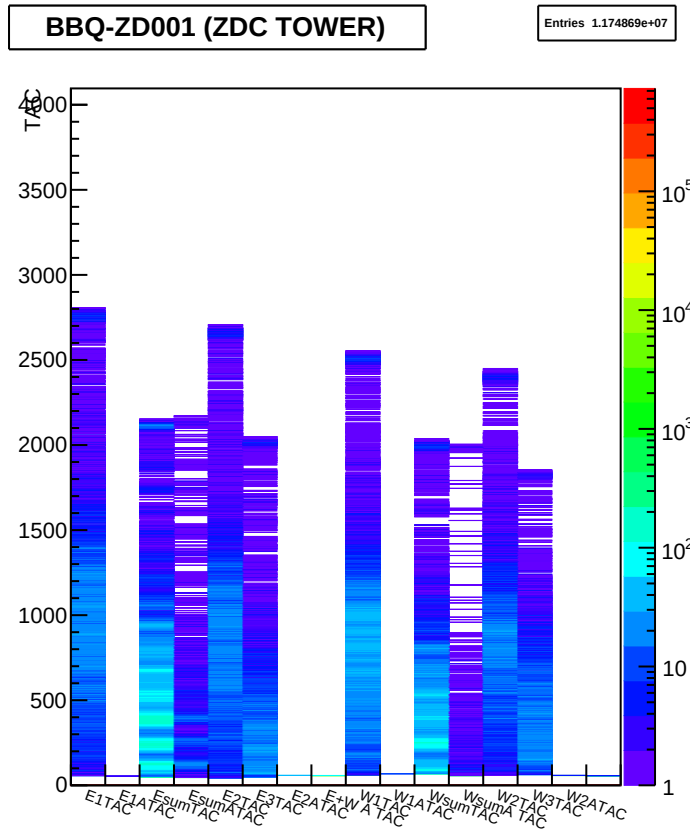

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.174869e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

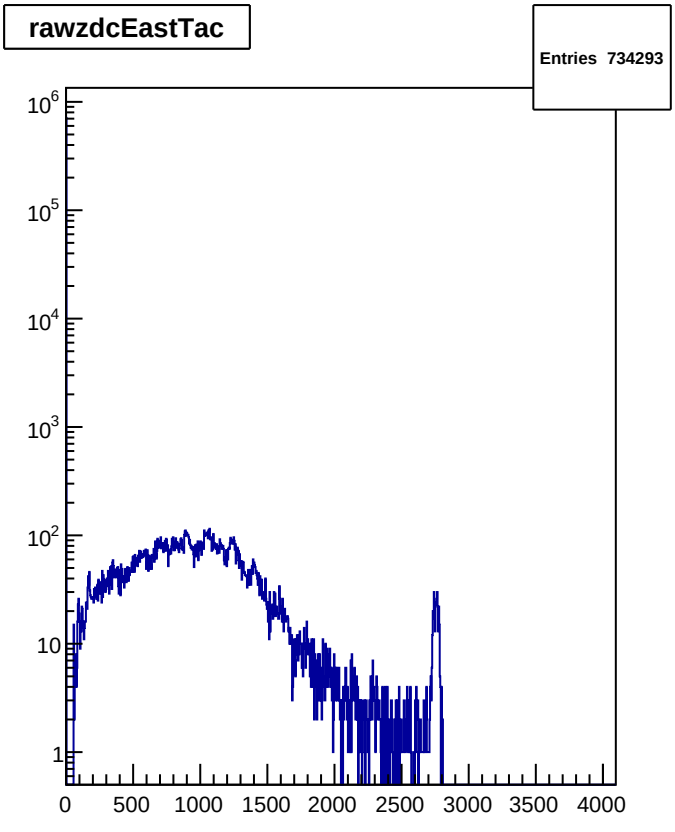

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.174869e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

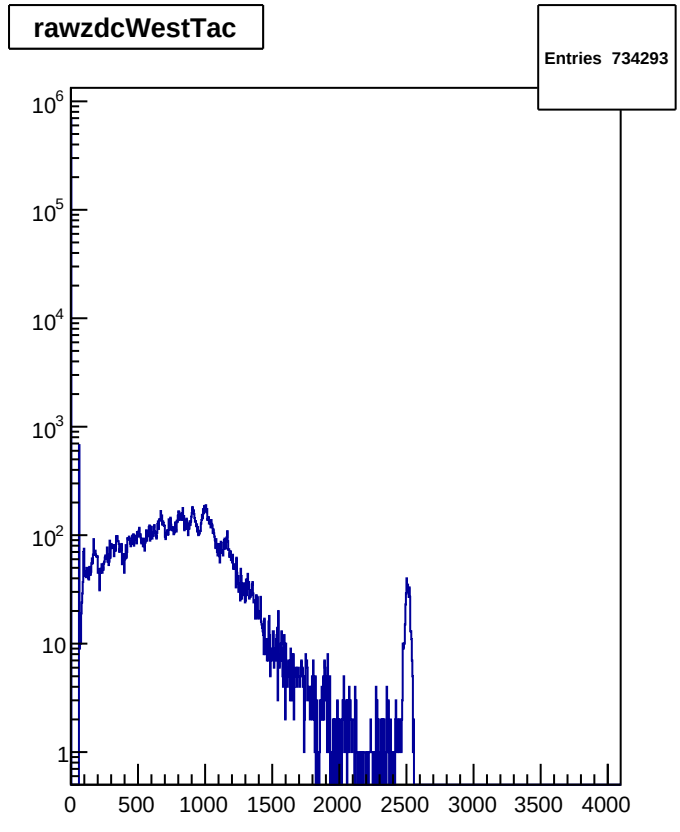

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.174869e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

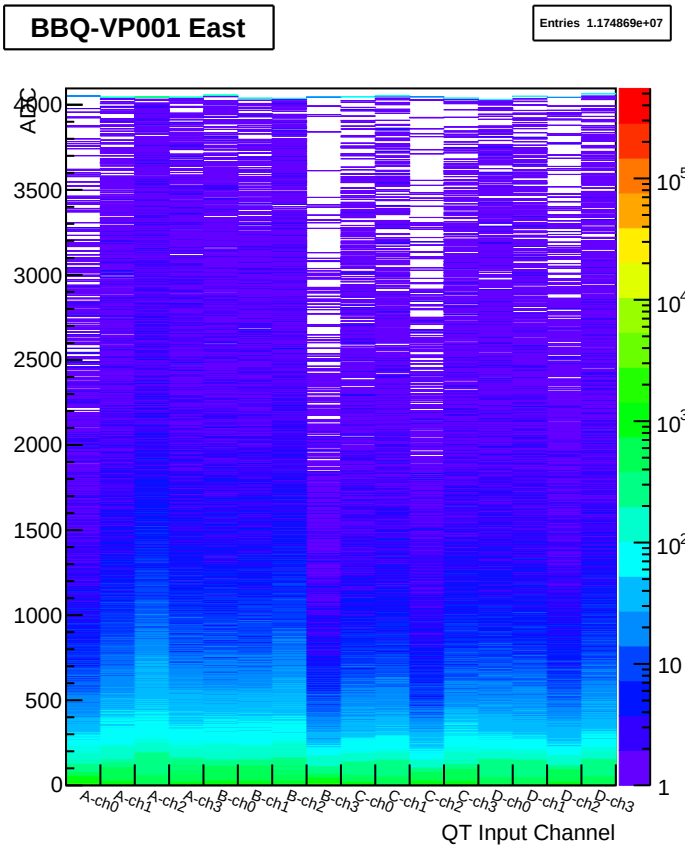

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.174869e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

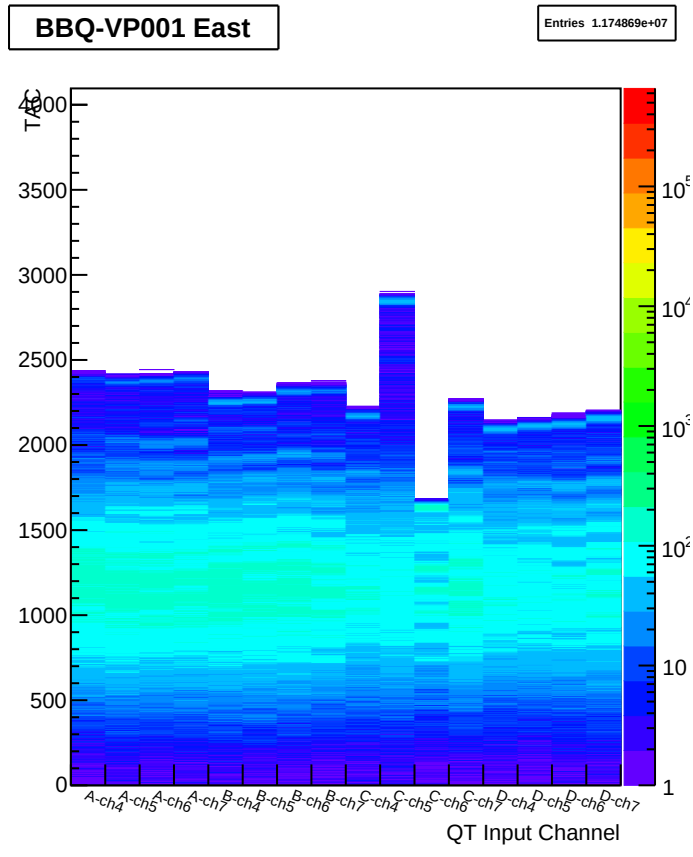

BBQ-ZD001 (ZDC TOWER)
Entries 1.174869e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

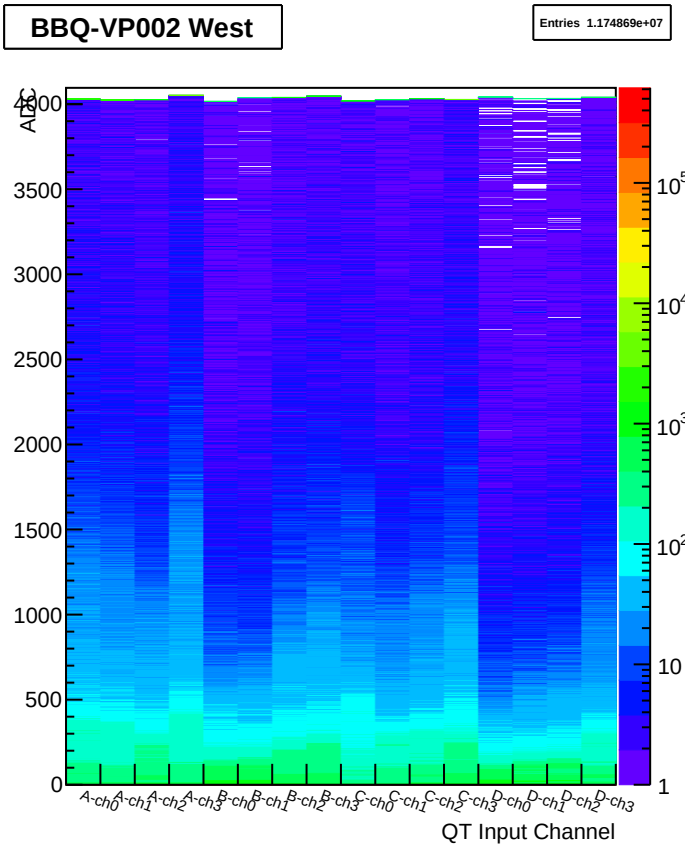

BBQ-ZD001 (ZDC TOWER)
Entries 1.174869e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

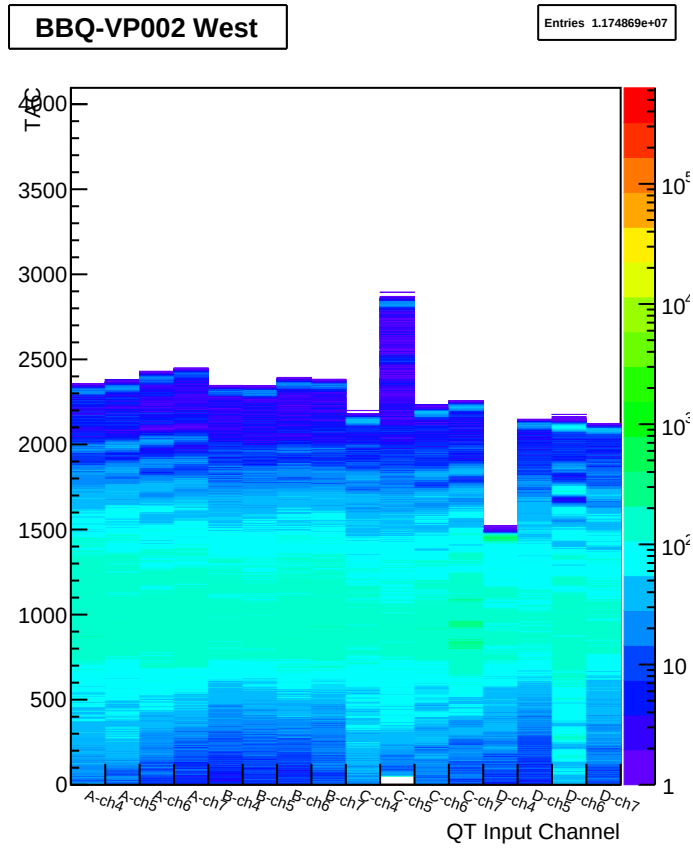

rawzdcEastTac
Entries 734293

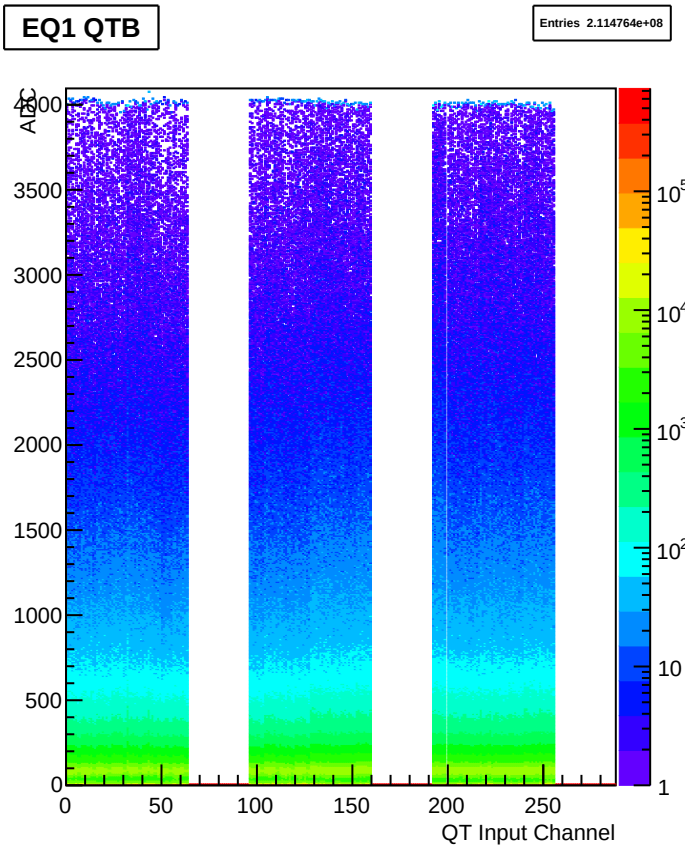

rawzdcWestTac
Entries 734293

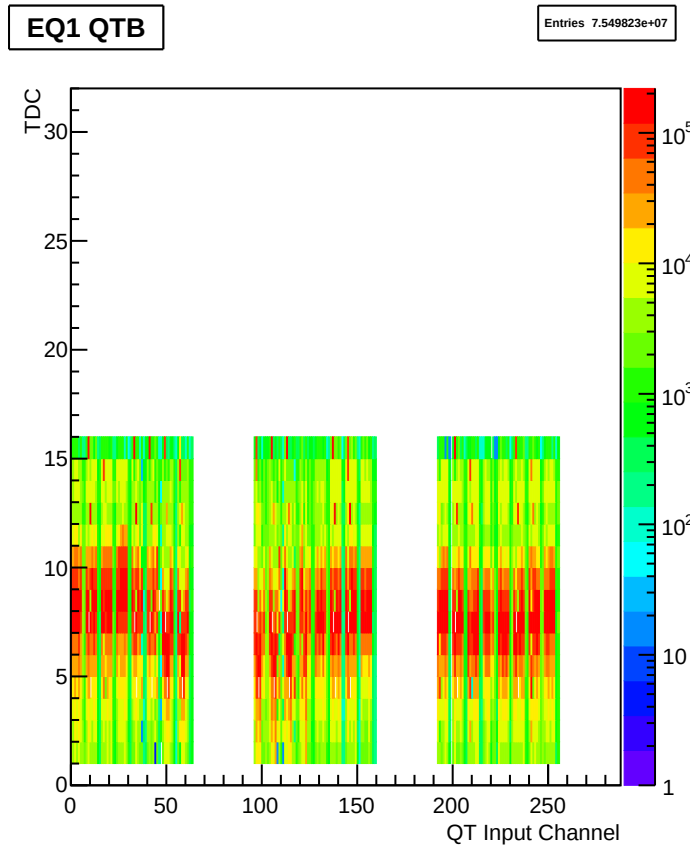

BBQ-VP001 East
Entries 1.174869e+07
ADC
QT Input Channel

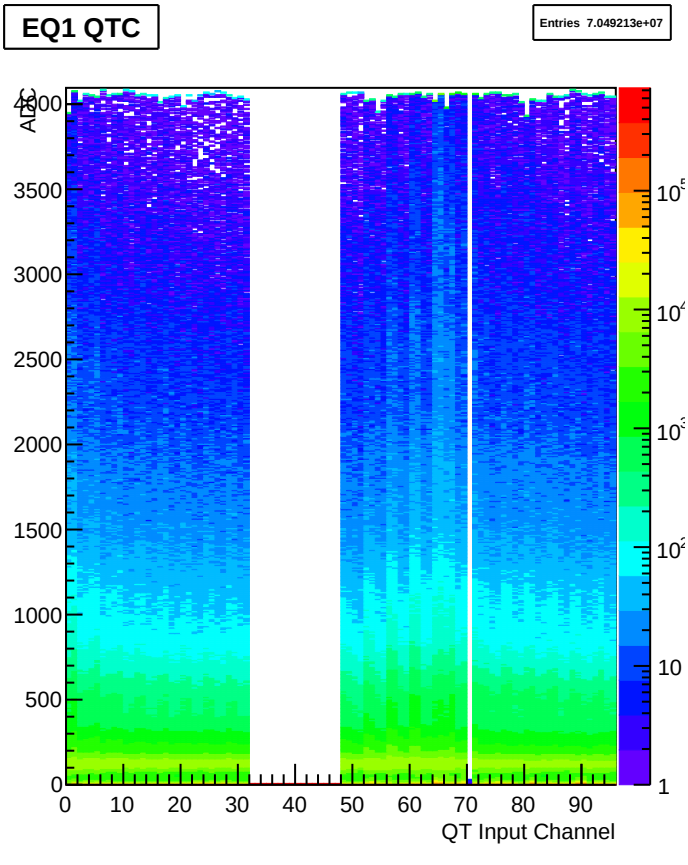

BBQ-VP001 East
Entries 1.174869e+07
TADC
QT Input Channel

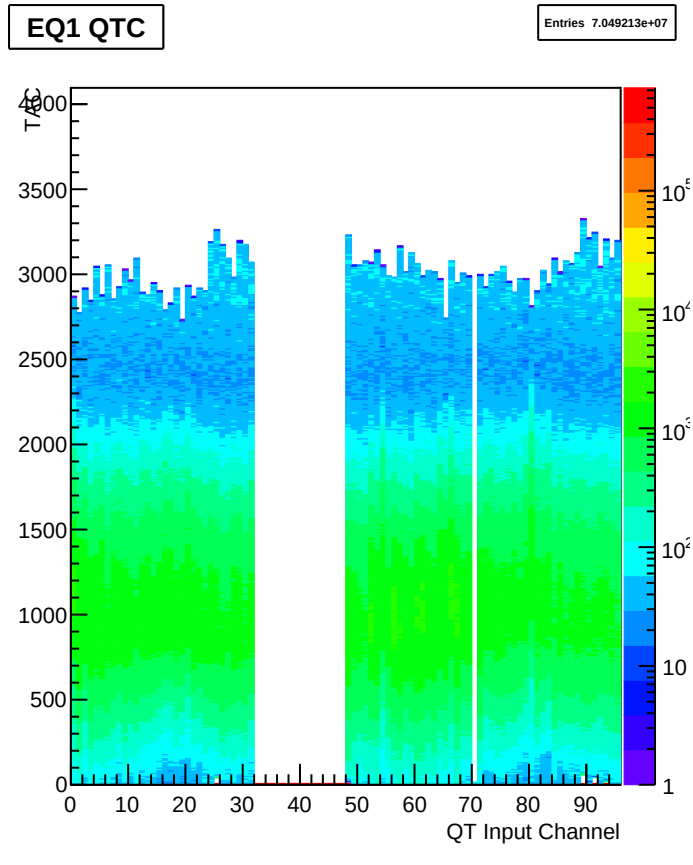

BBQ-VP002 West
Entries 1.174869e+07
ADC
QT Input Channel

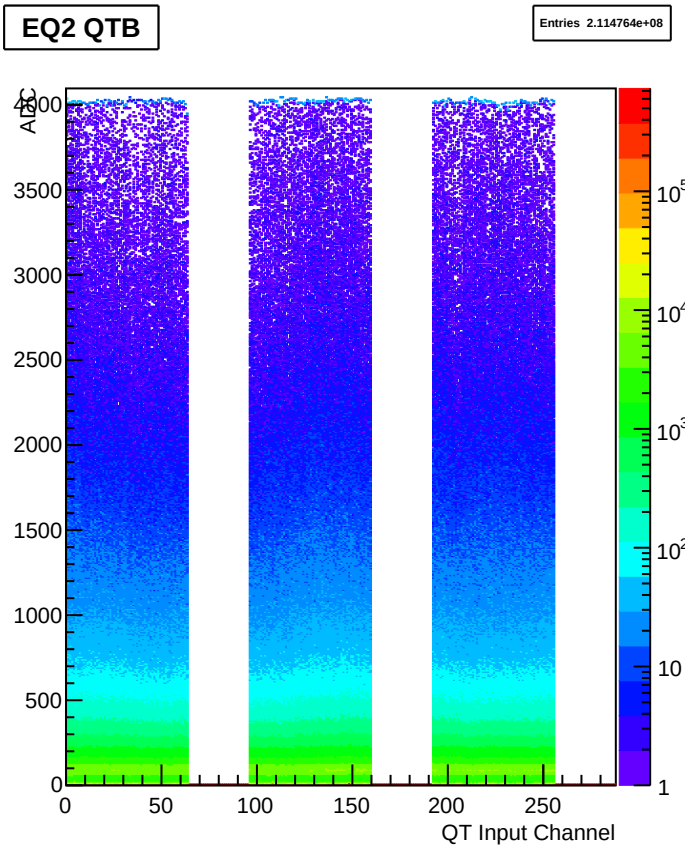

BBQ-VP002 West
Entries 1.174869e+07
TADC
QT Input Channel

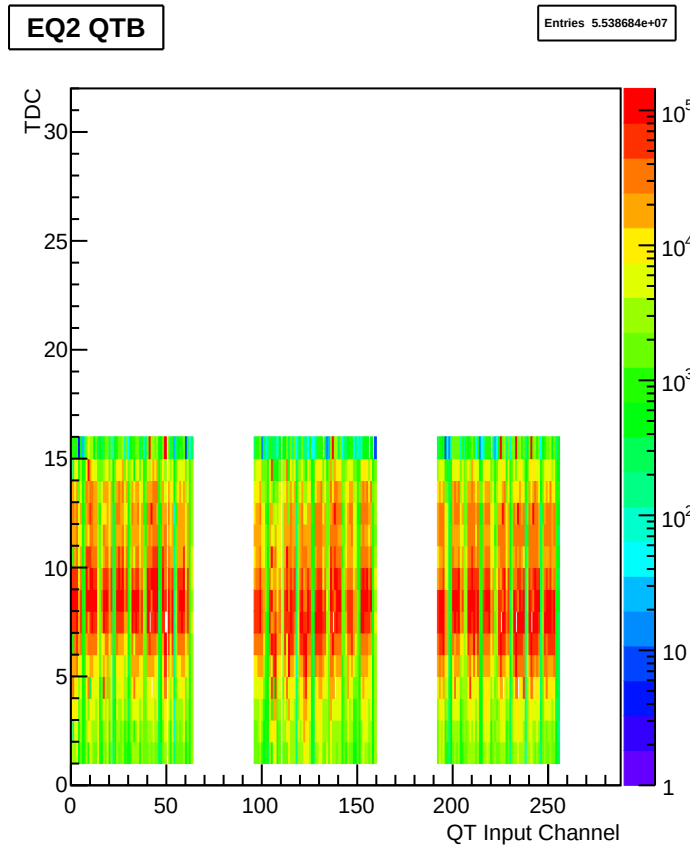

EQ1 QTB
Entries 2.114764e+08
ADC
QT Input Channel

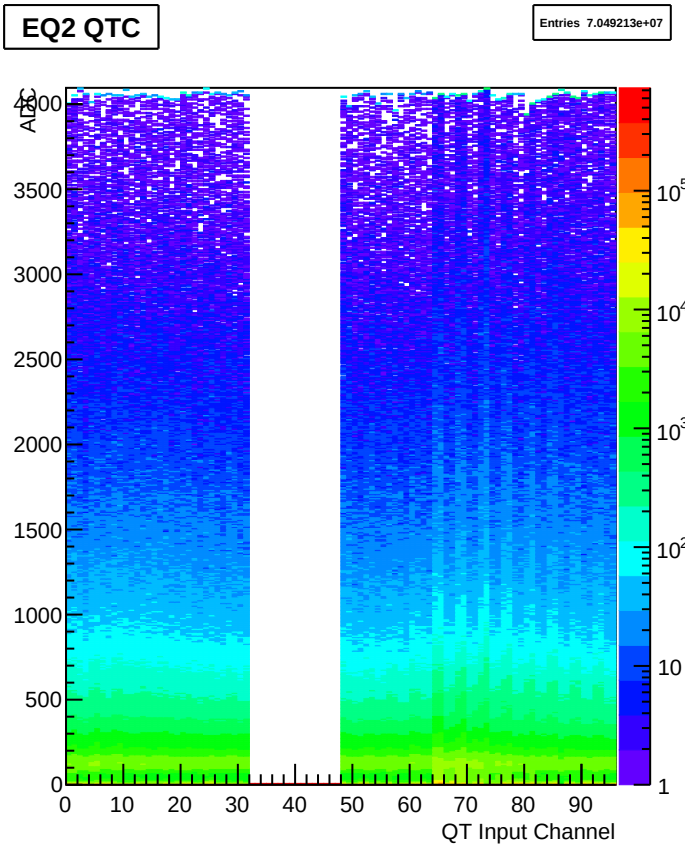

EQ1 QTB
Entries 7.549823e+07
TDC
QT Input Channel

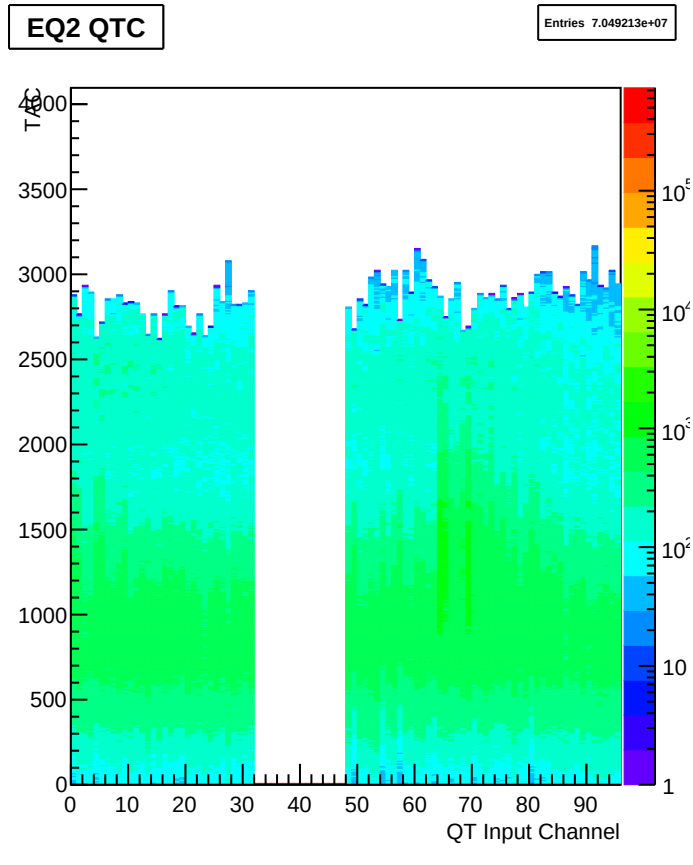

EQ1 QTC
Entries 7.049213e+07
ADC
QT Input Channel

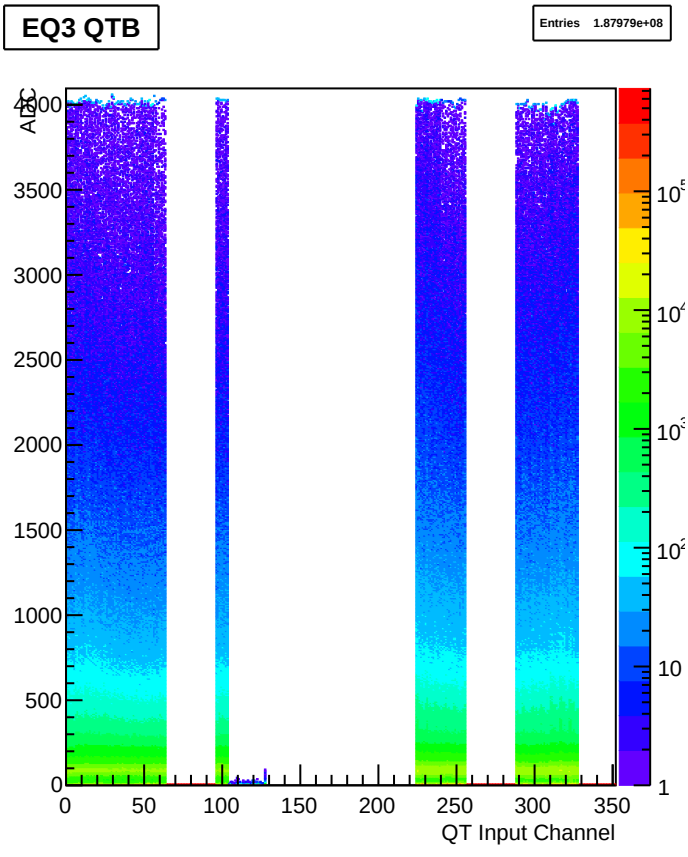

EQ1 QTC
Entries 7.049213e+07
TADC
QT Input Channel

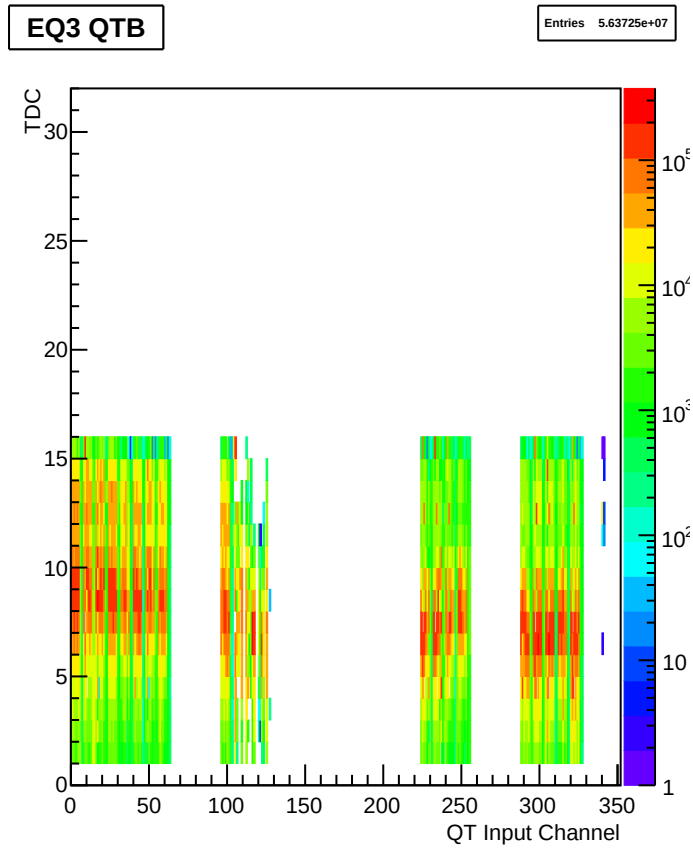

EQ2 QTB
Entries 2.114764e+08
ADC
QT Input Channel

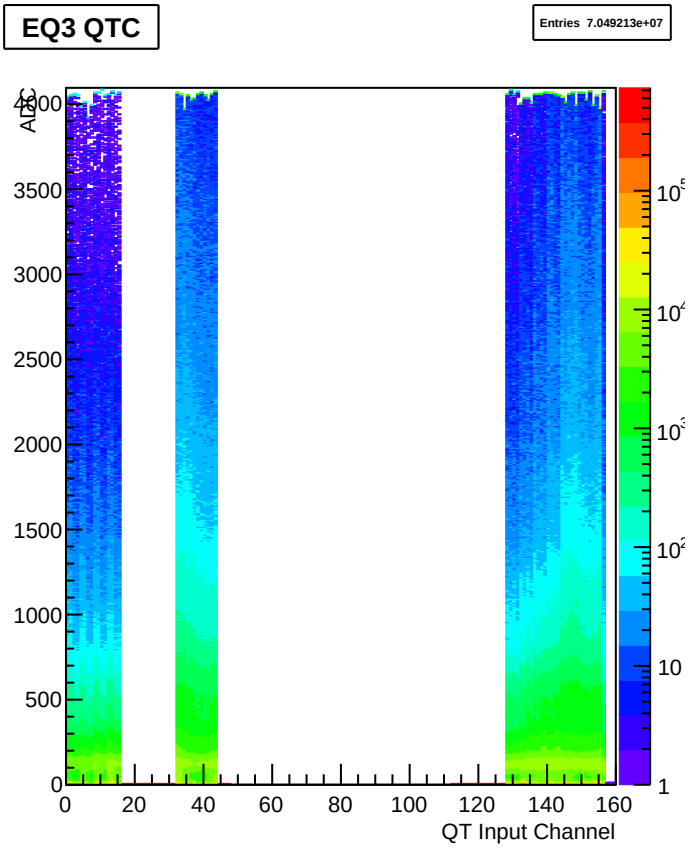

EQ2 QTB
Entries 5.538684e+07
TDC
QT Input Channel

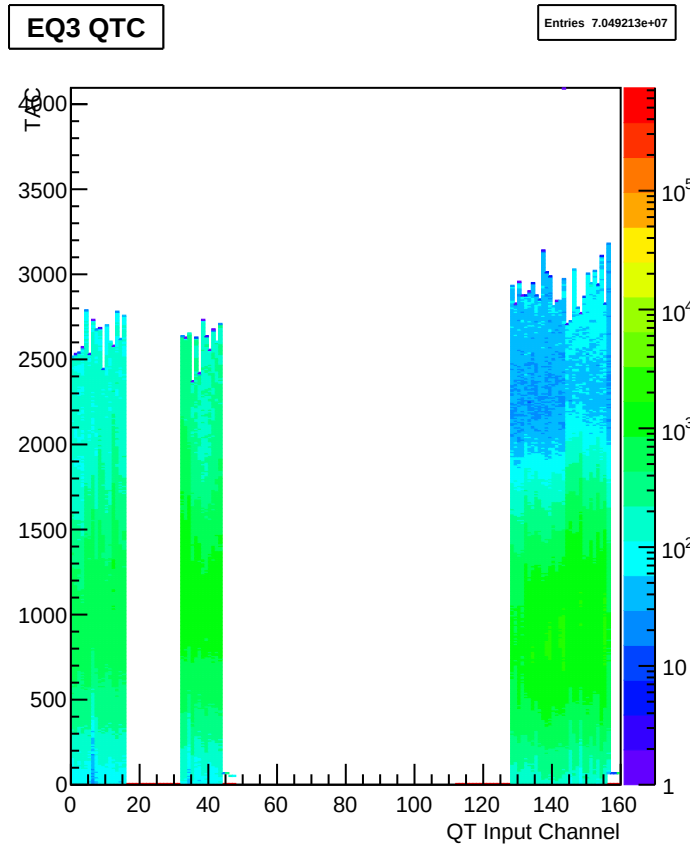

EQ2 QTC
Entries 7.049213e+07
ADC
QT Input Channel

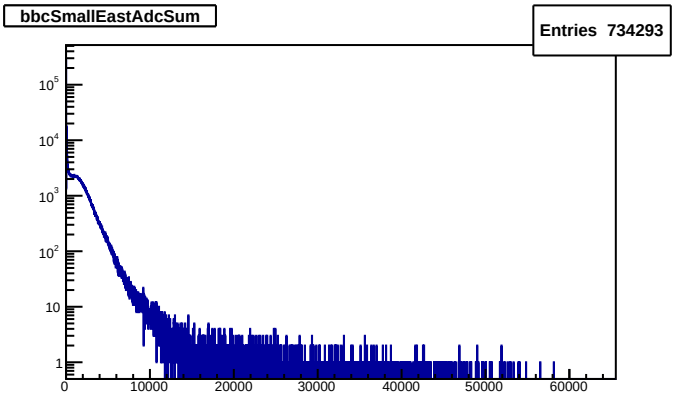

EQ2 QTC
Entries 7.049213e+07
TADC
QT Input Channel

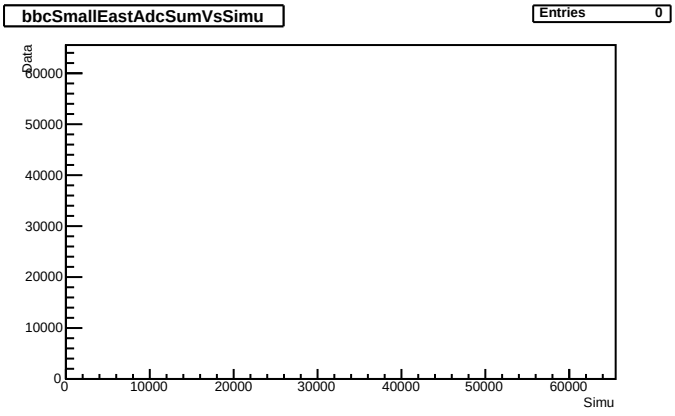

EQ3 QTB
Entries 1.87979e+08
ADC
QT Input Channel

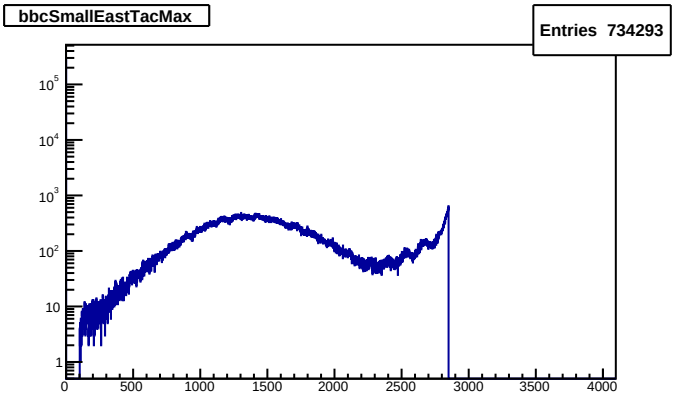

EQ3 QTB
Entries 5.63725e+07
TDC
QT Input Channel

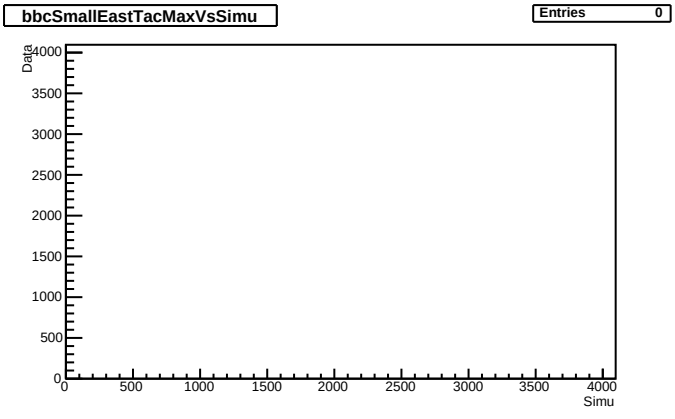

EQ3 QTC
Entries 7.049213e+07
ADC
QT Input Channel

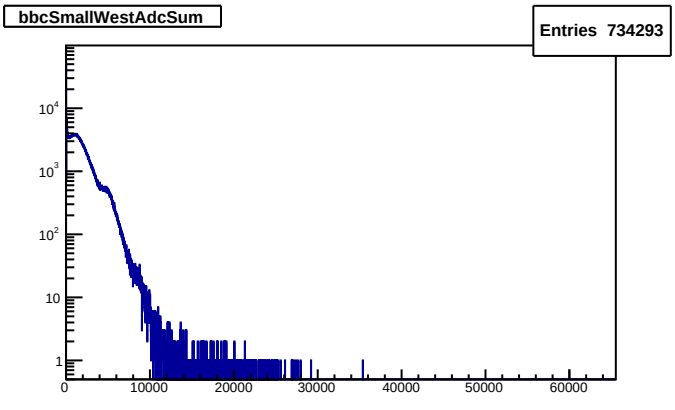

EQ3 QTC
Entries 7.049213e+07
TADC
QT Input Channel

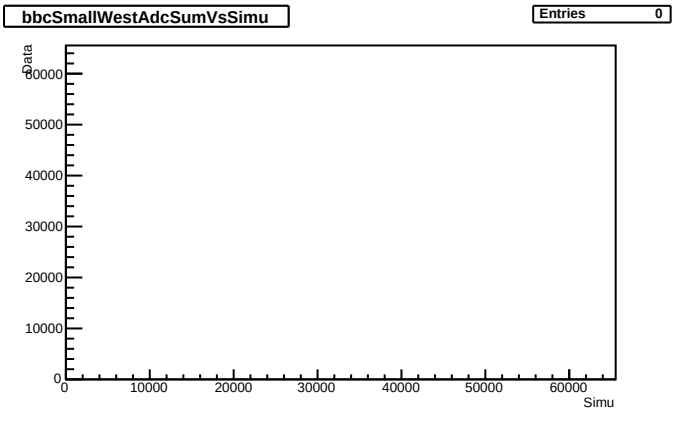

bbcSmallEastAdcSum
Entries 734293

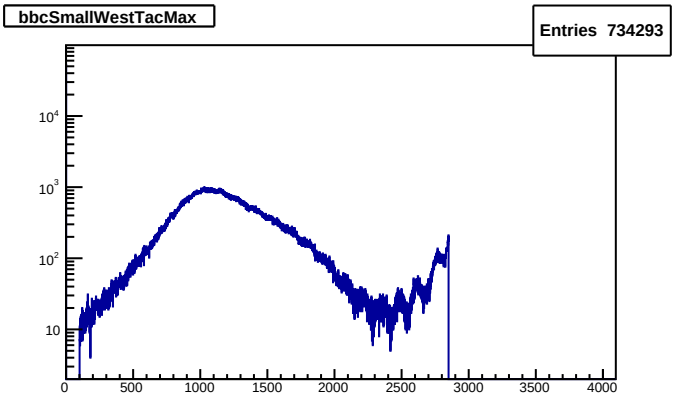

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

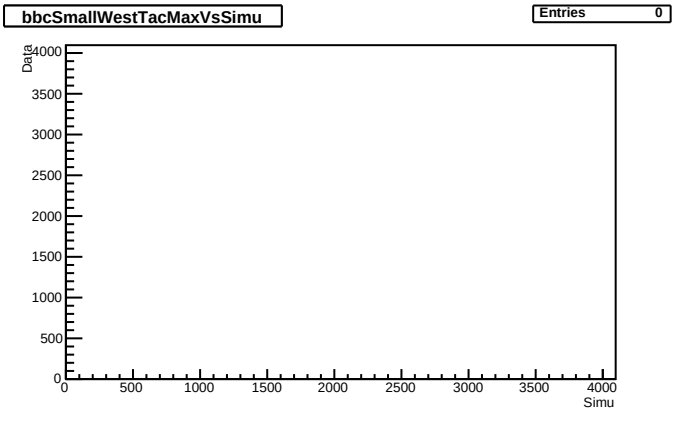

bbcSmallEastTacMax
Entries 734293

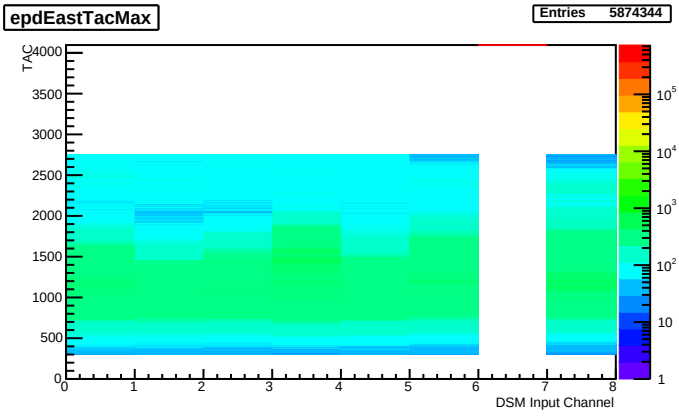

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

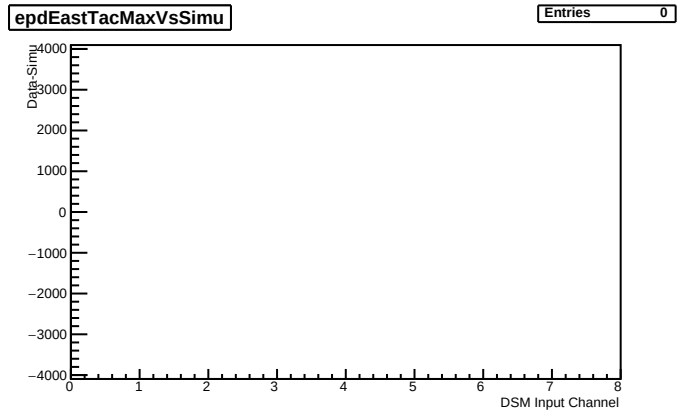

bbcSmallWestAdcSum
Entries 734293

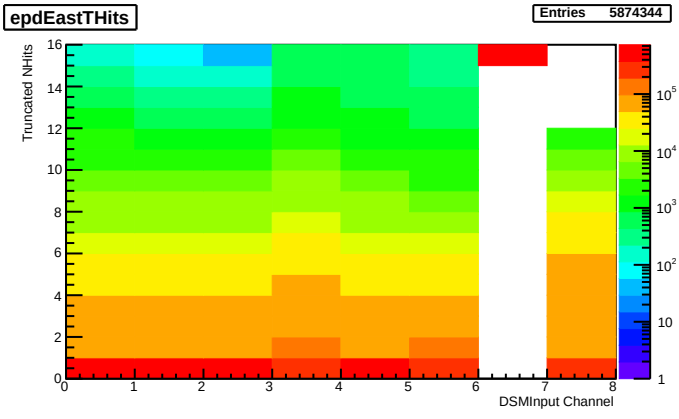

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

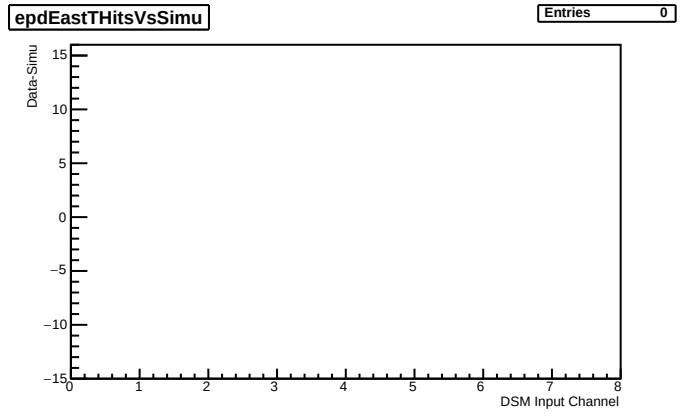

bbcSmallWestTacMax
Entries 734293


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5874344
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5874344
Truncated NHits
DSMInput Channel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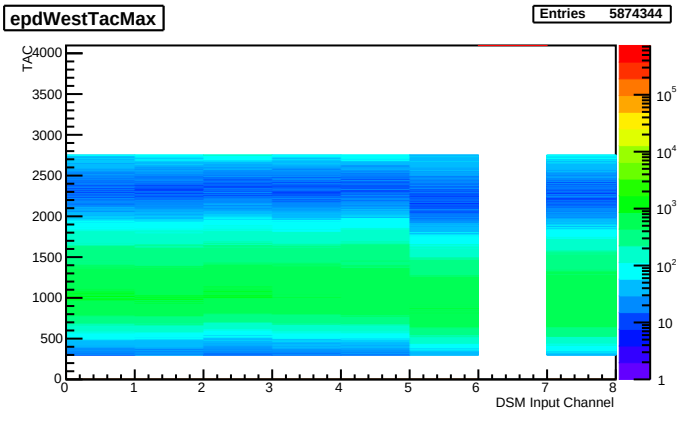
Data-Simu
DSM Input Channel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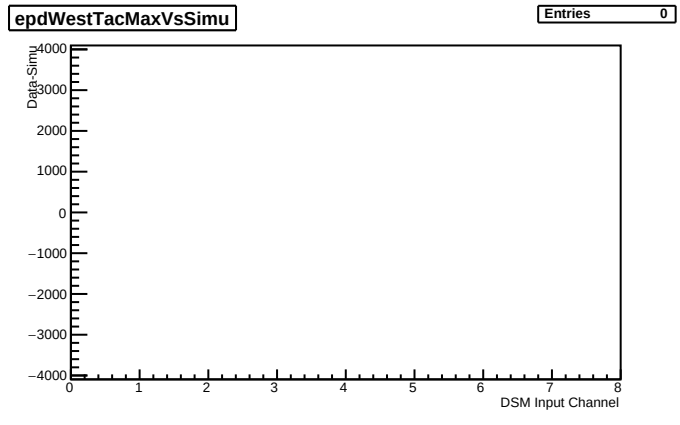
Entries 5874344
TAC
DSM Input Channel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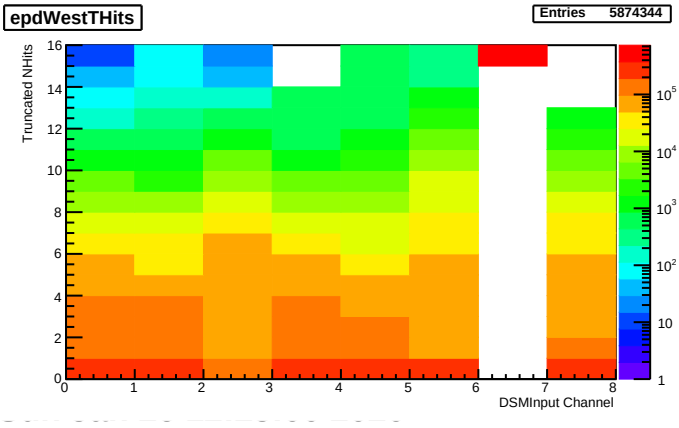
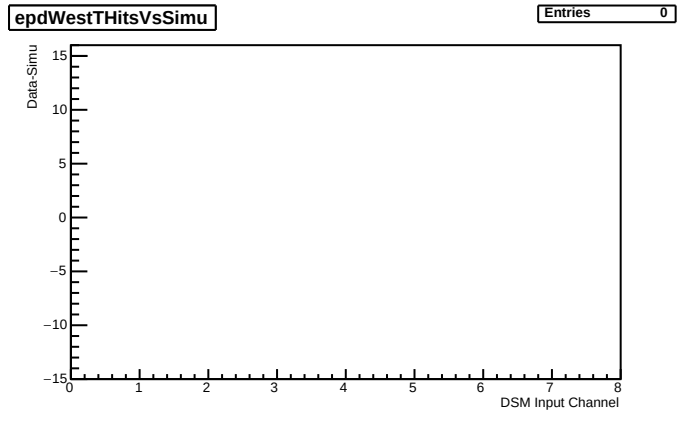
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5874344
Truncated NHits
DSMInput Channel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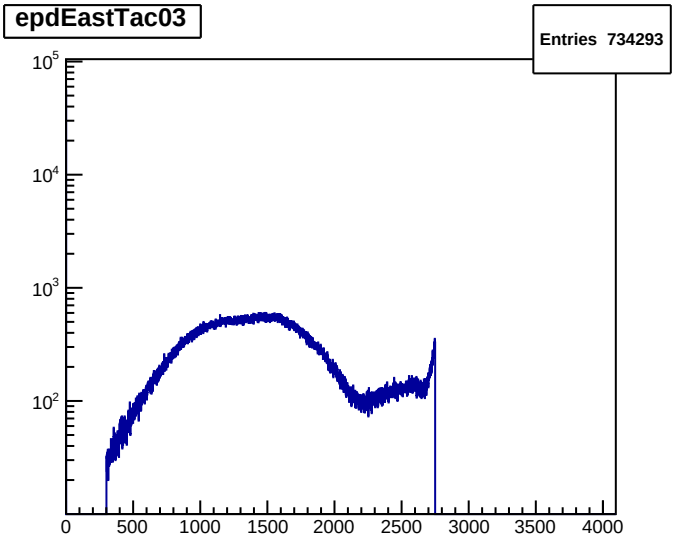
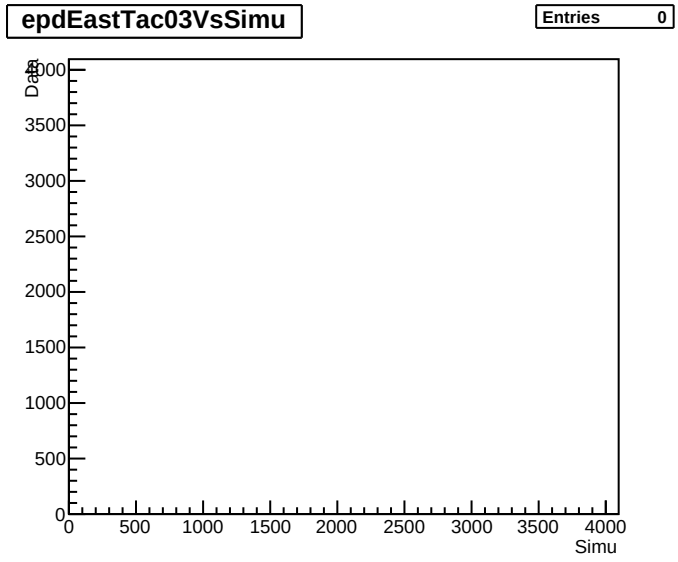
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 734293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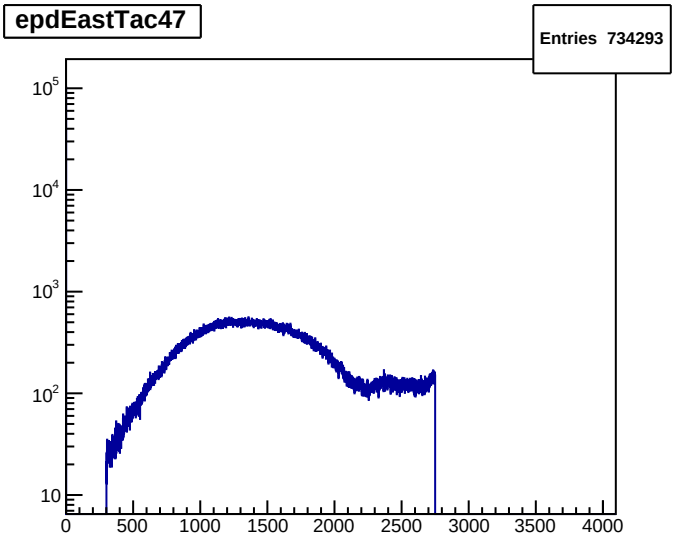
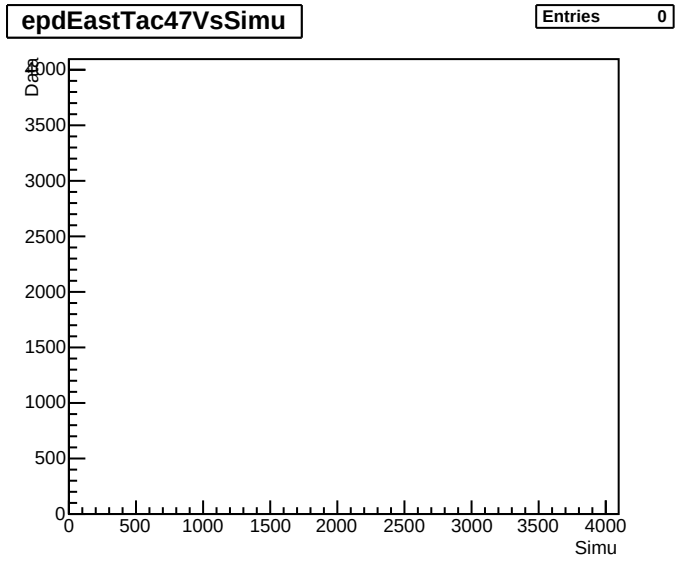
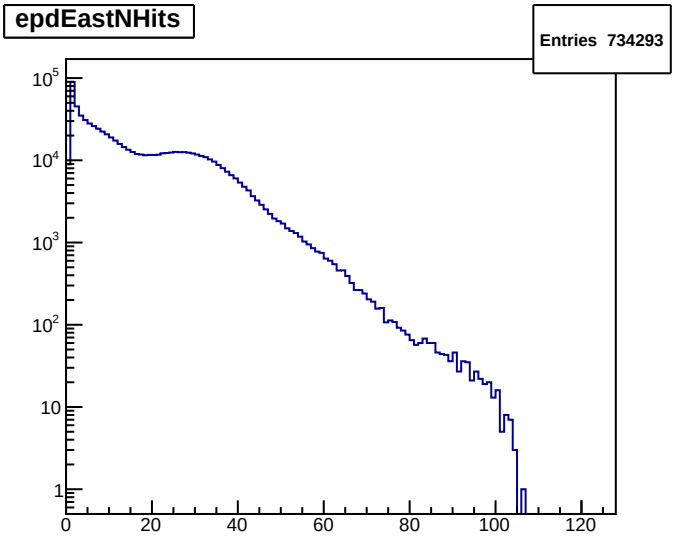
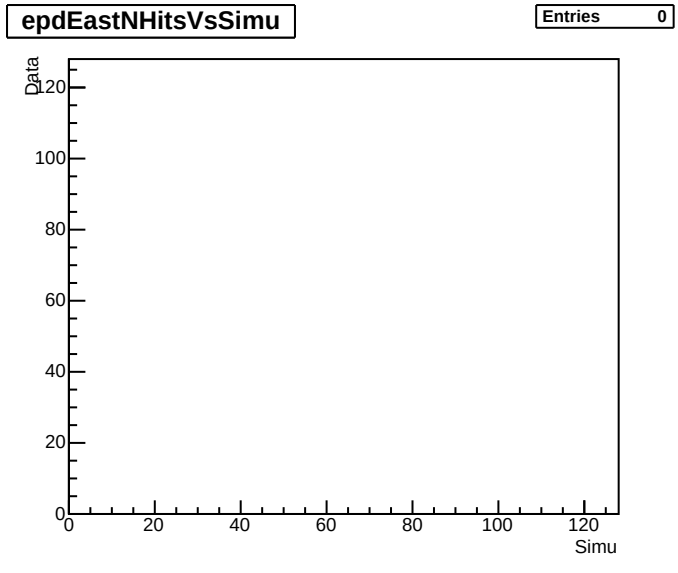
Entries 0
Data
Simu


epdEastTac47
Entries 734293


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 734293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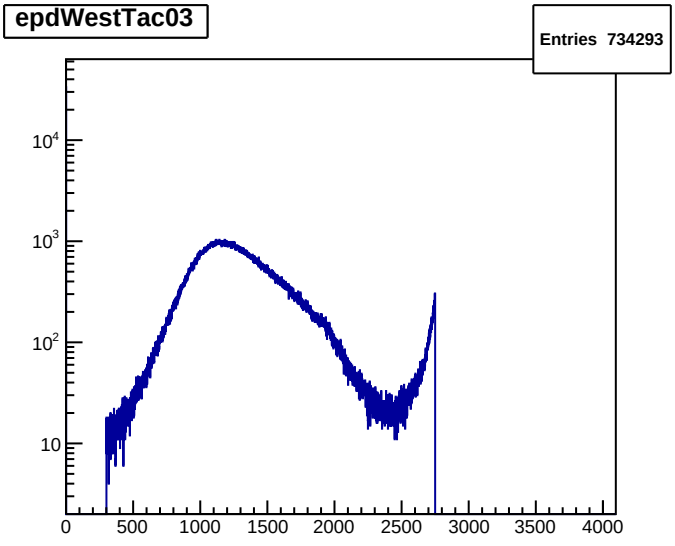
Entries 0
Data
Simu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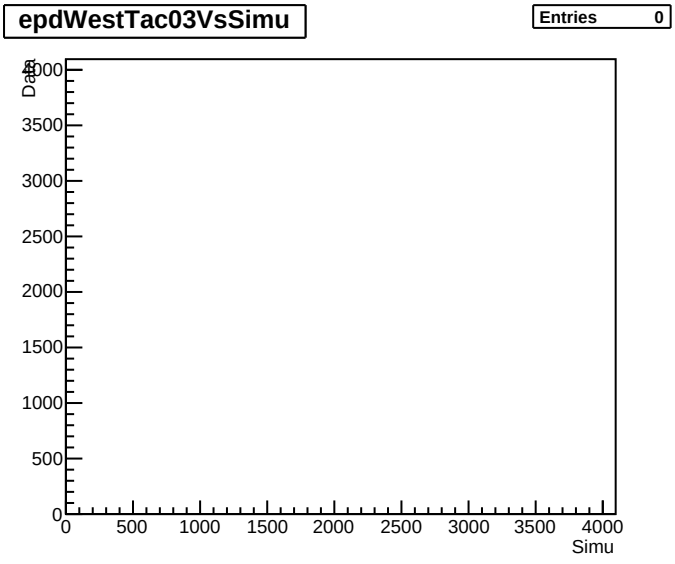
Entries 734293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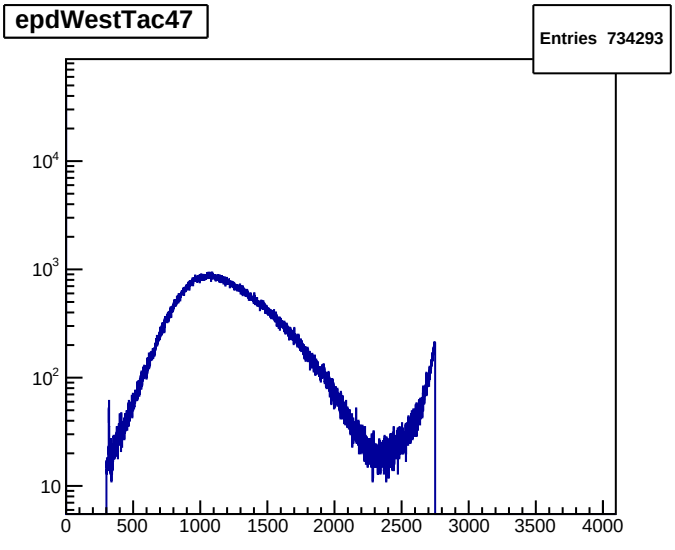
Entries 0
Data
Simu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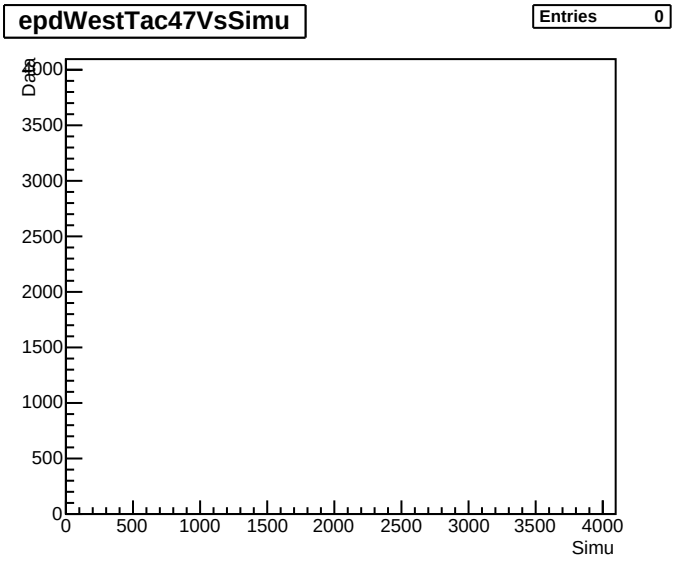
Entries 734293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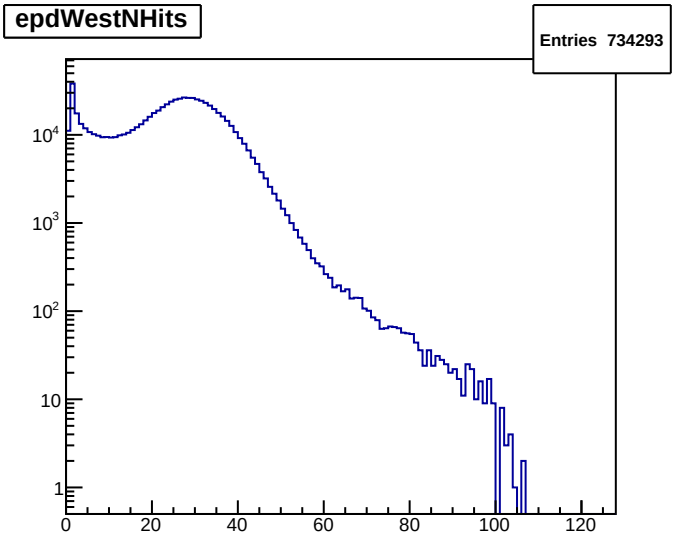
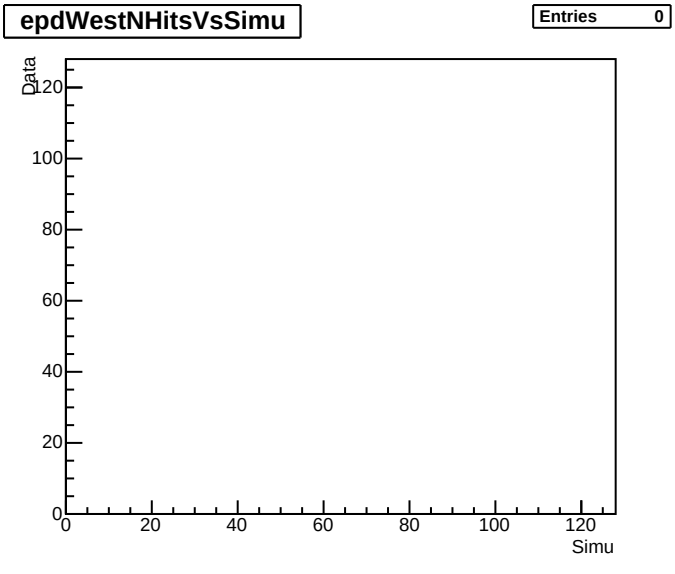
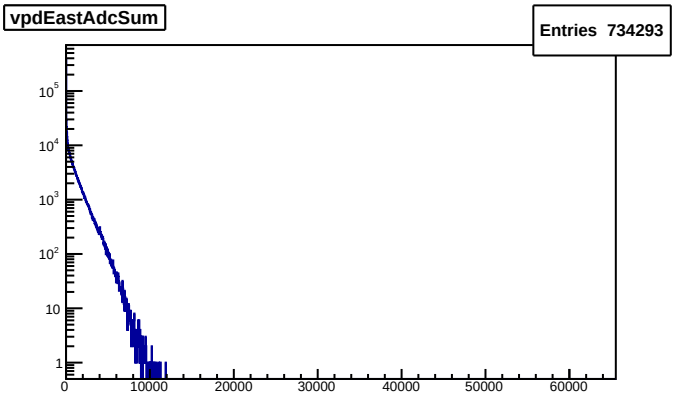
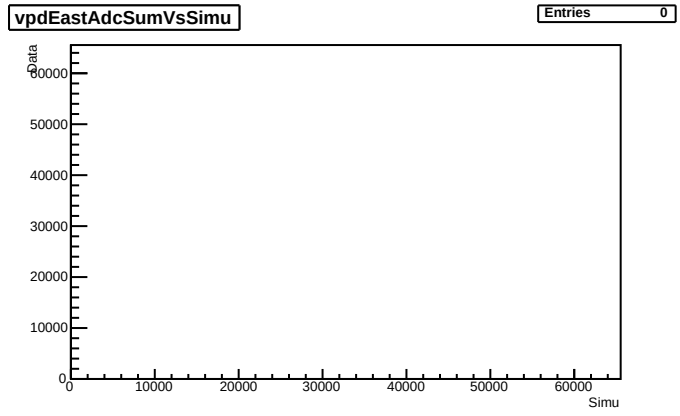
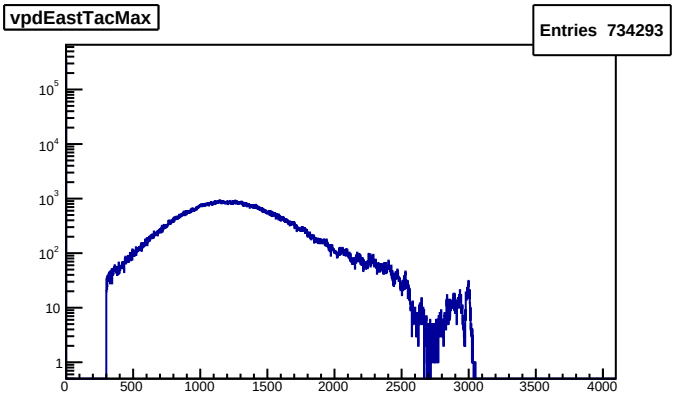
Entries 0
Data
Simu


epdWestNHits
Entries 734293


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 734293


vpdEastAdcSumVsSimu
Entries 0
Data
Simu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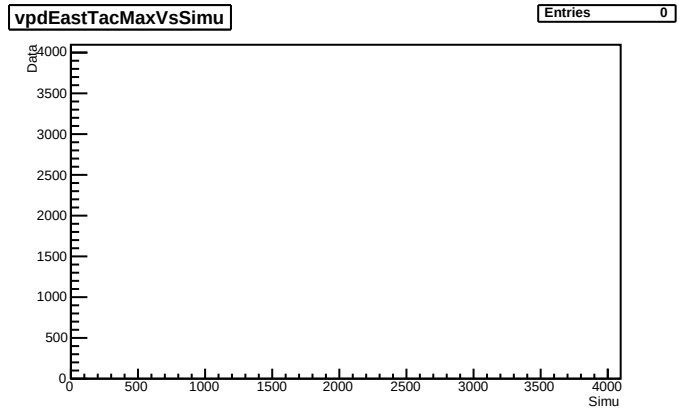
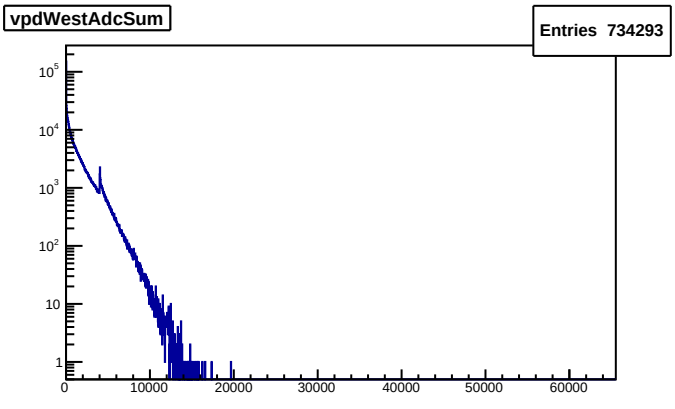
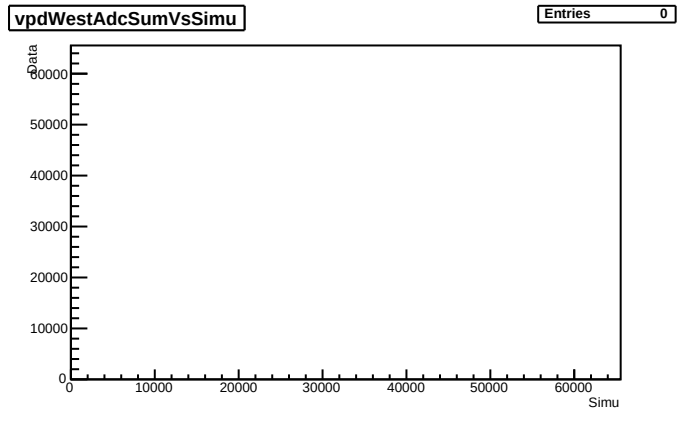
Entries 734293


vpdEastTacMaxVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries 734293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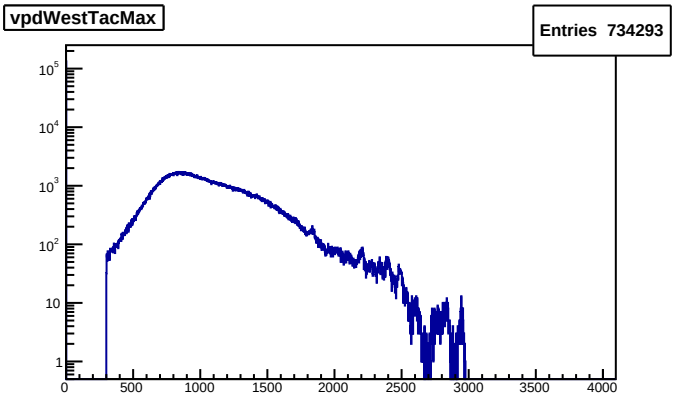
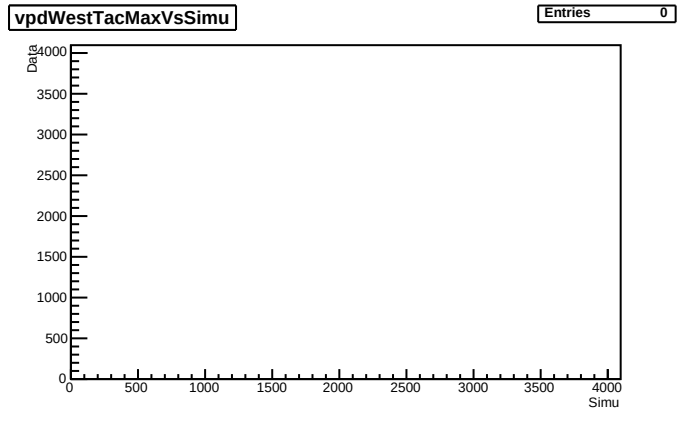
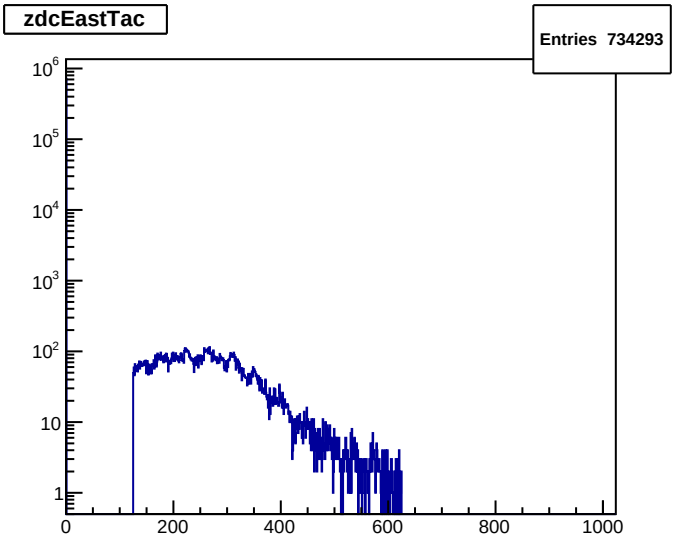
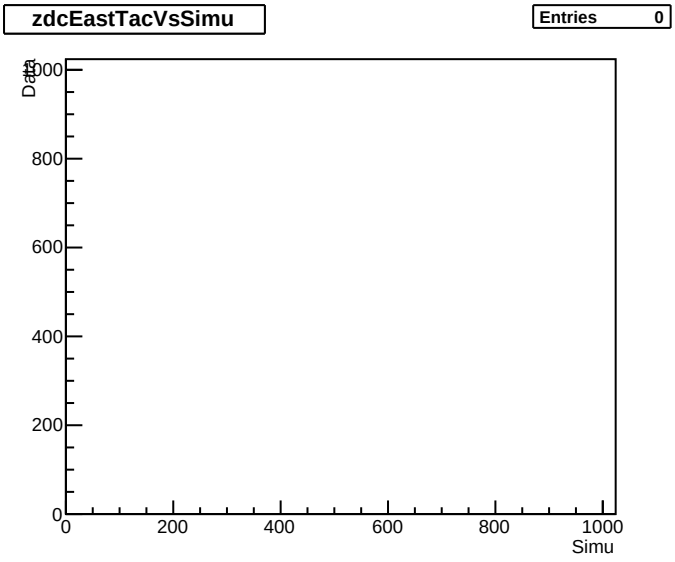
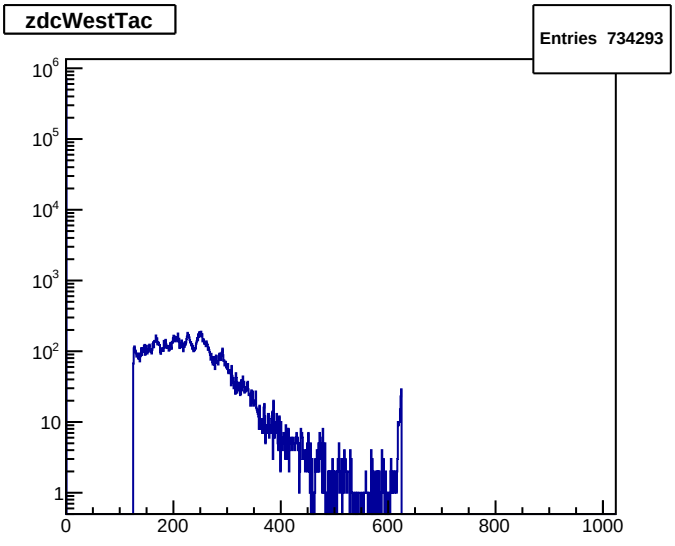
Entries 0
Data
Simu

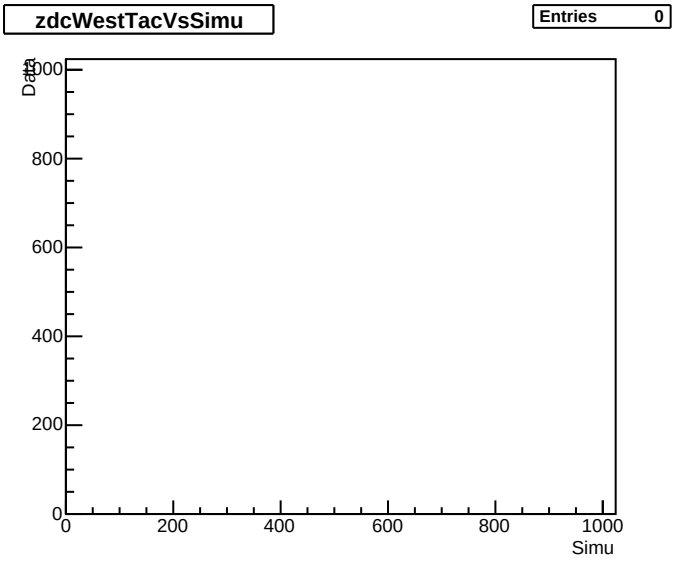

vpdWestTacMax
Entries 734293

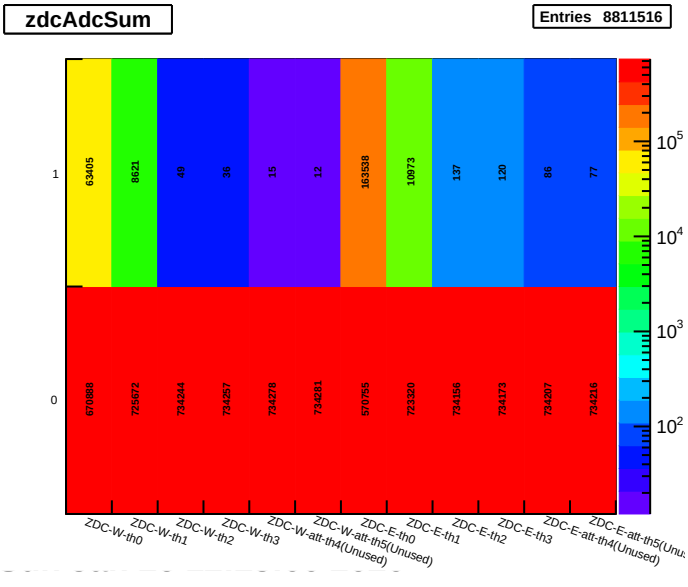

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

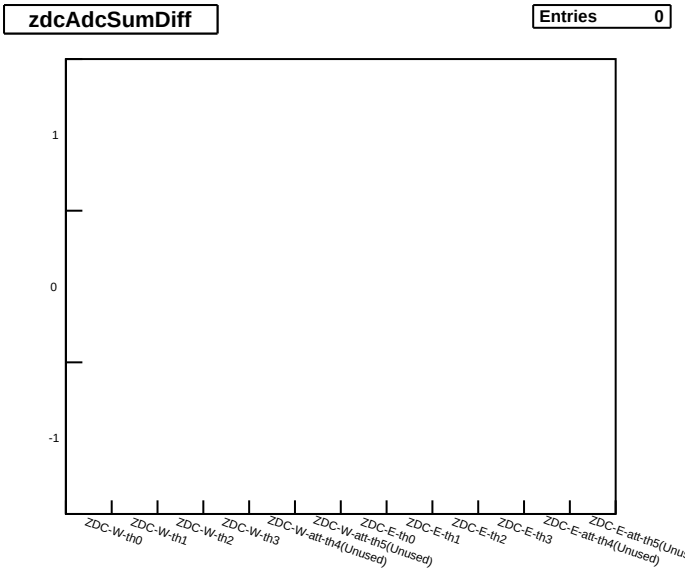

zdcEastTac
Entries 734293

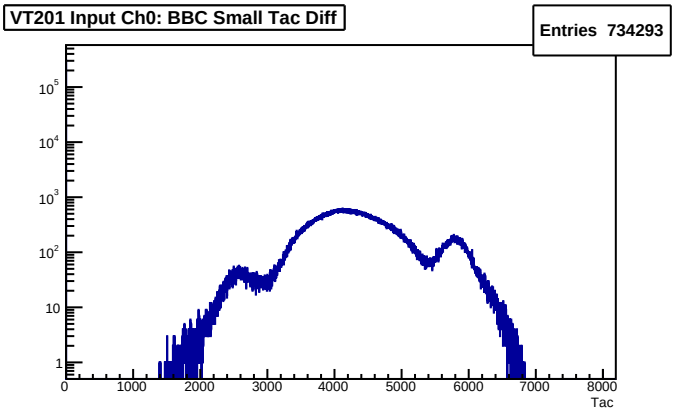

zdcEastTacVsSimu
Entries 0
Data
Simu

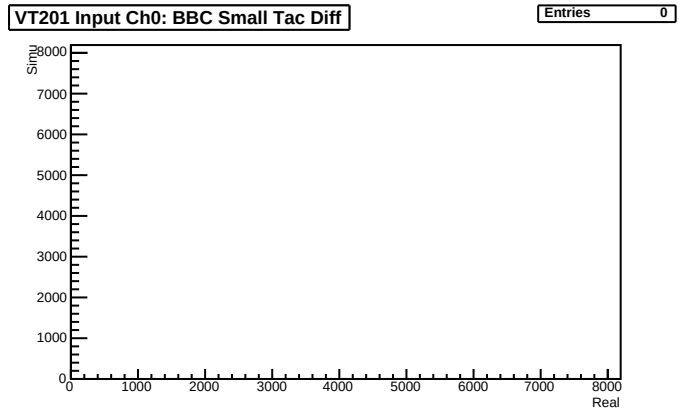

zdcWestTac
Entries 734293

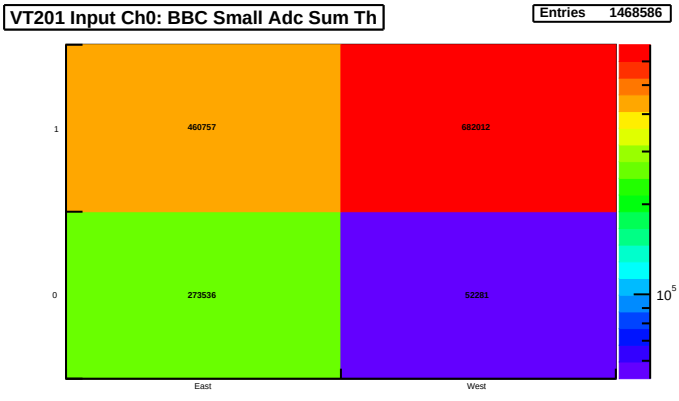

zdcWestTacVsSimu
Entries 0
Data
Simu

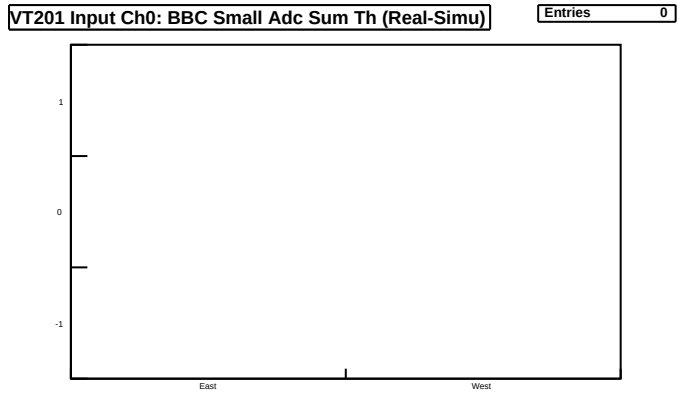

zdcAdcSum
Entries 8811516
63405
8621
49
36
15
12
163538
10973
137
120
86
77
670888
725672
734244
734257
734278
734281
570755
723320
734156
734173
734207
734216
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

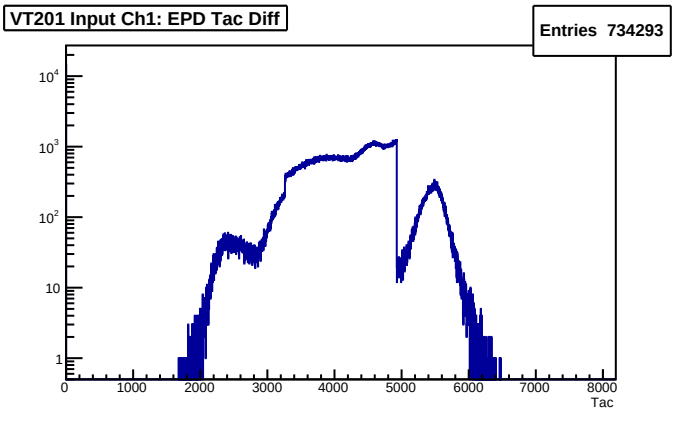

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

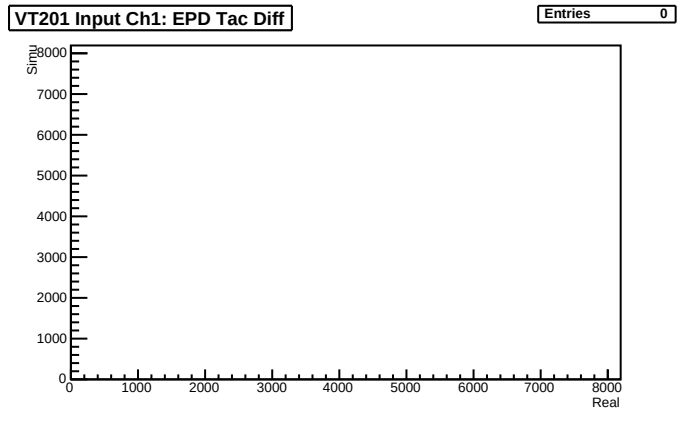

VT201 Input Ch0: BBC Small Tac Diff
Entries 734293
Tac

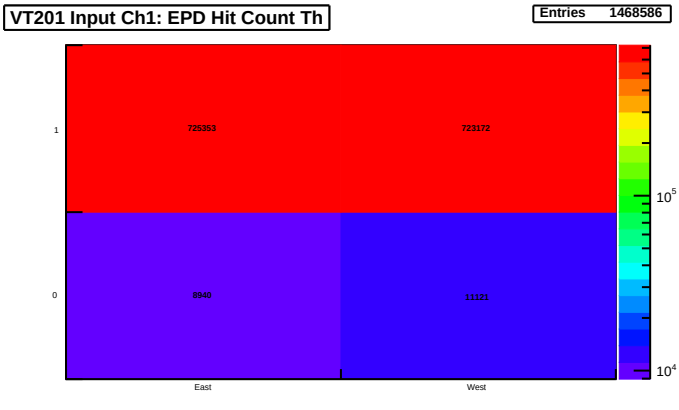

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

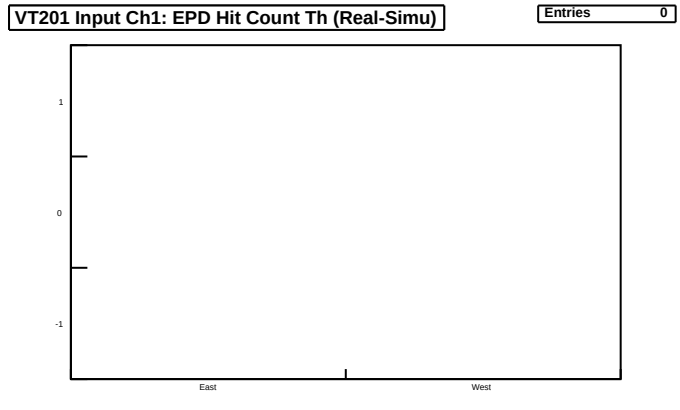

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1468586
460757
682012
273536
52281
East
West

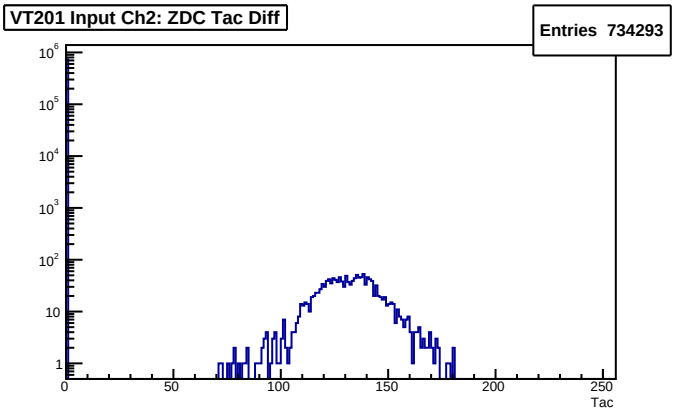

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

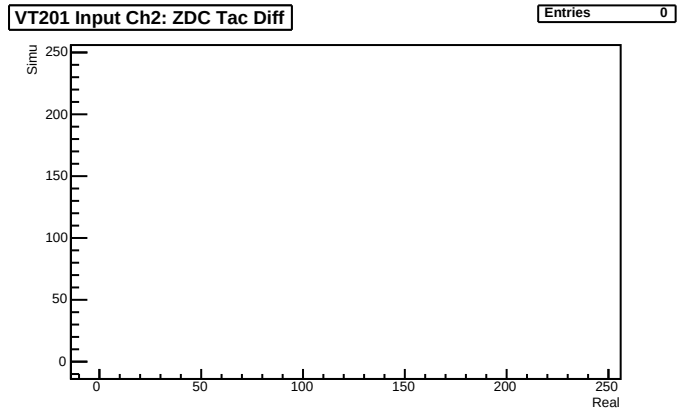

VT201 Input Ch1: EPD Tac Diff
Entries 734293
Tac

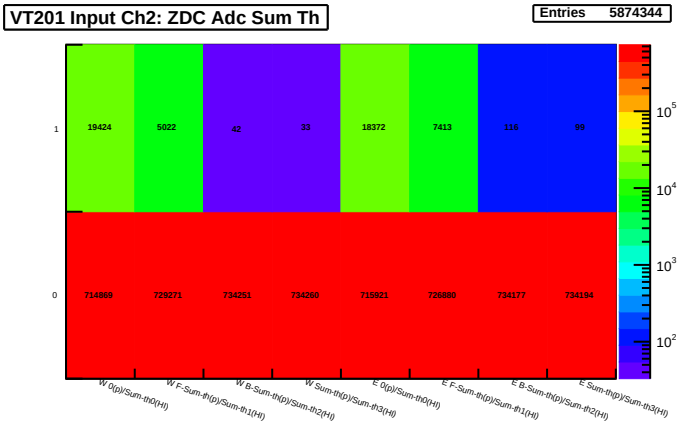

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

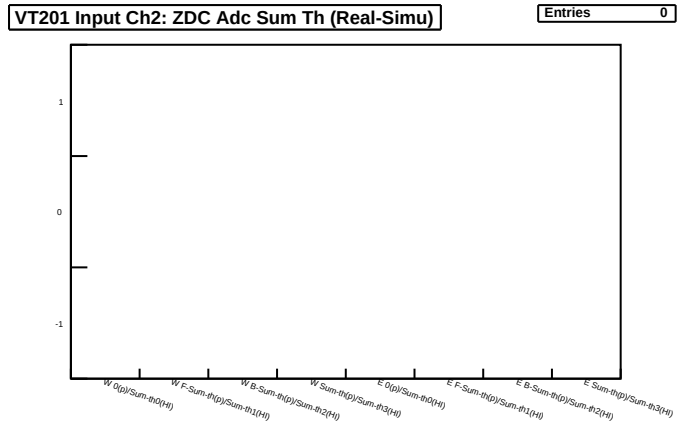

VT201 Input Ch1: EPD Hit Count Th
Entries 1468586
725353
723172
8940
11121
East
West

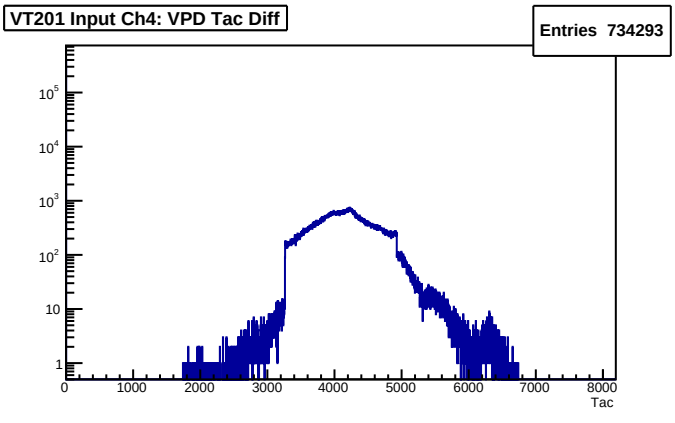

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

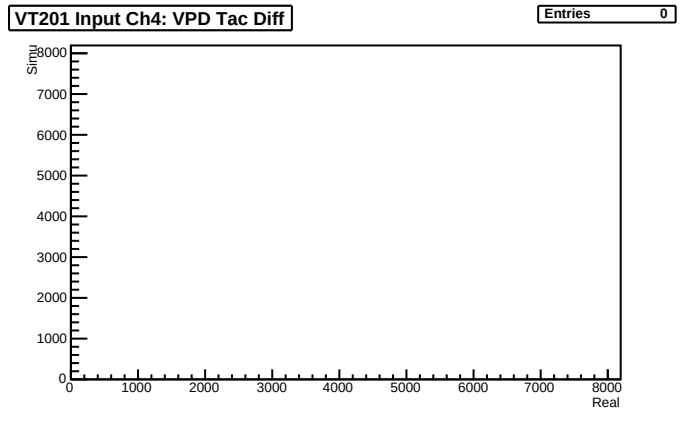

VT201 Input Ch2: ZDC Tac Diff
Entries 734293
Tac

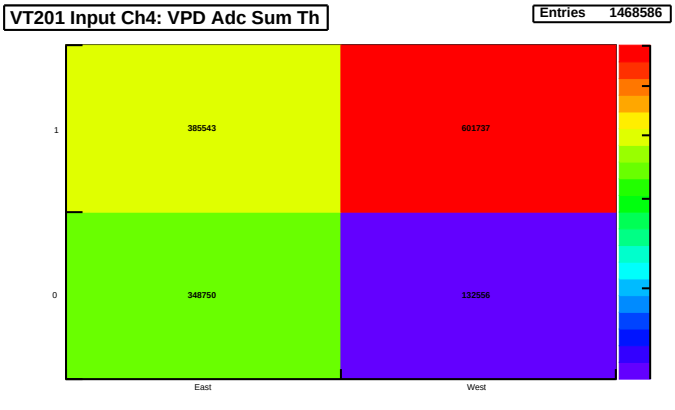

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

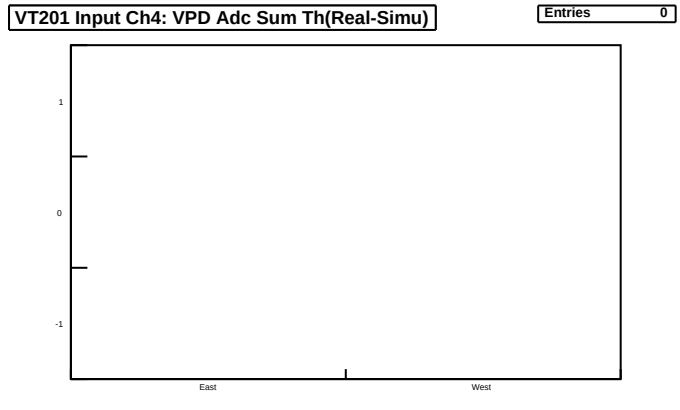

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5874344
19424
5022
42
33
18372
7413
116
99
714869
729271
734251
734260
715921
726880
734177
734194
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

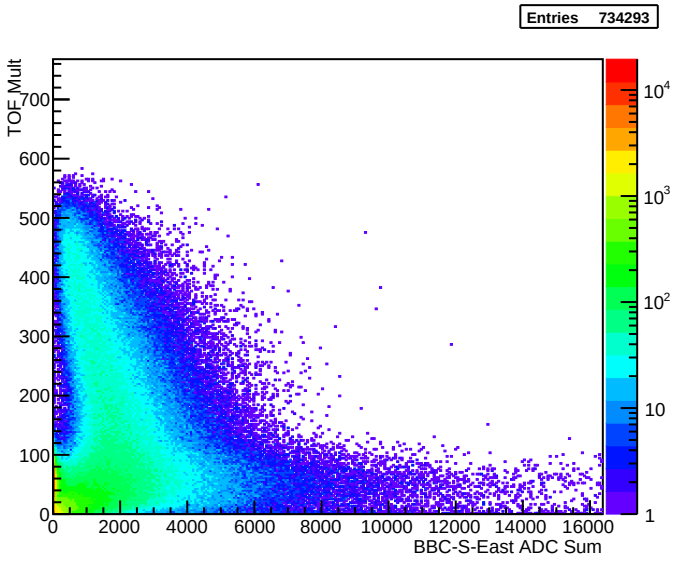

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

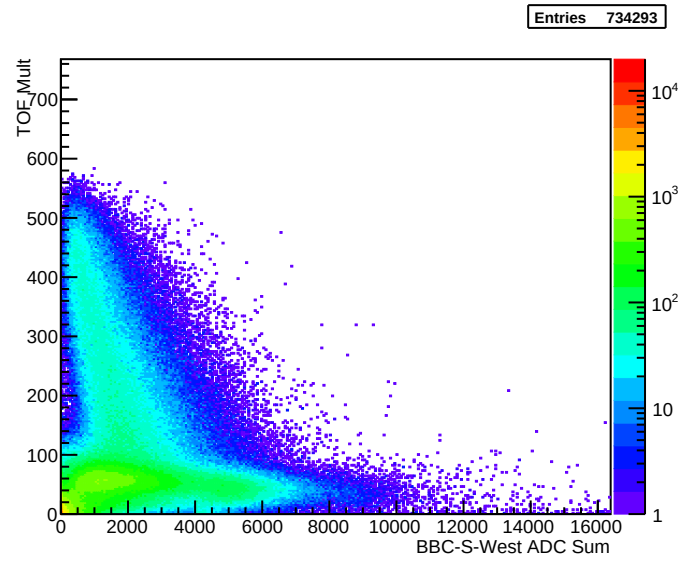

VT201 Input Ch4: VPD Tac Diff
Entries 734293
Tac

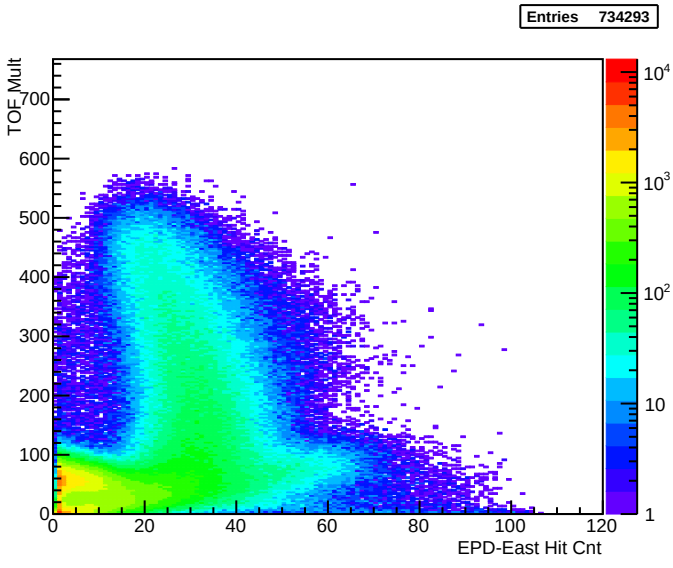

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

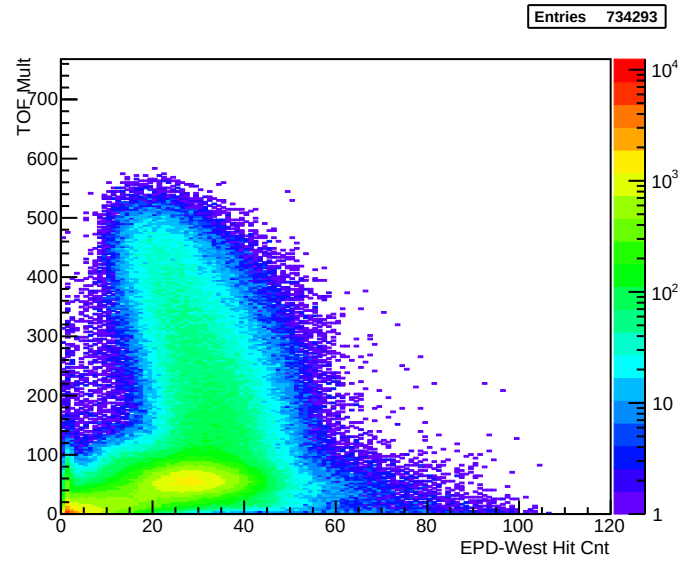

VT201 Input Ch4: VPD Adc Sum Th
Entries 1468586
385543
601737
348750
132556
East
West

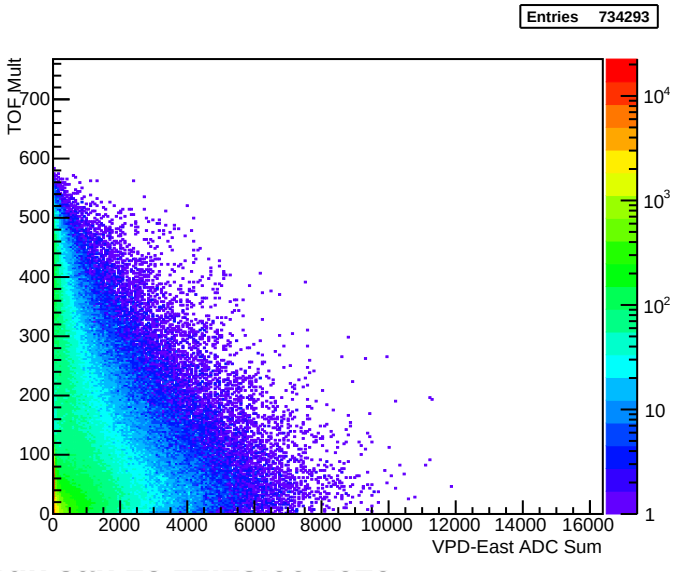

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

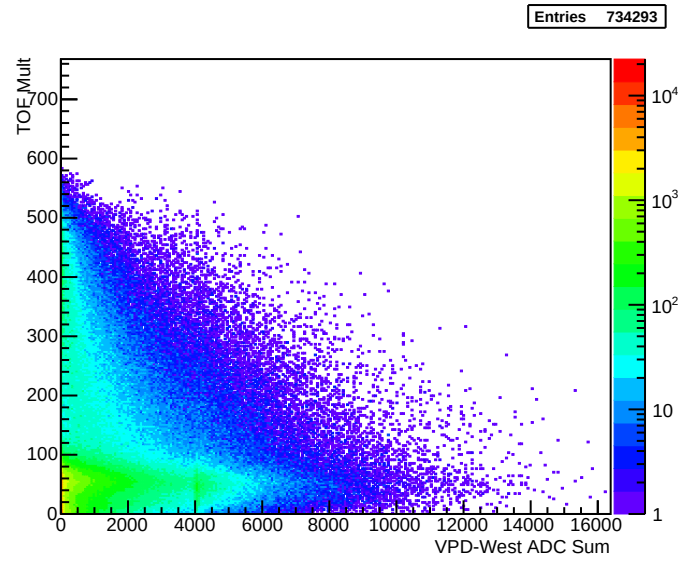

Entries 734293
TOF_Mult
BBC-S-East ADC Sum

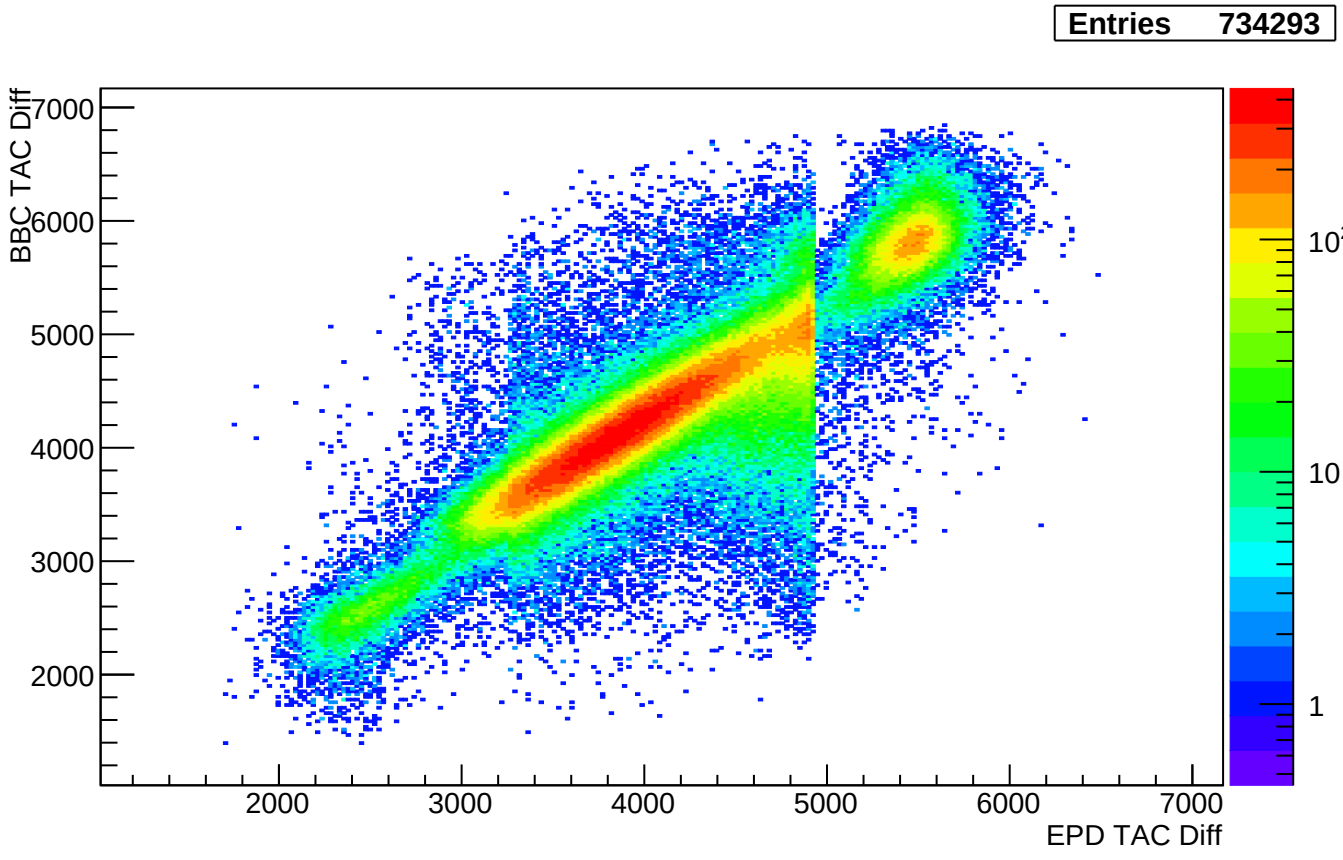

Entries 734293
TOF_Mult
BBC-S-West ADC Sum

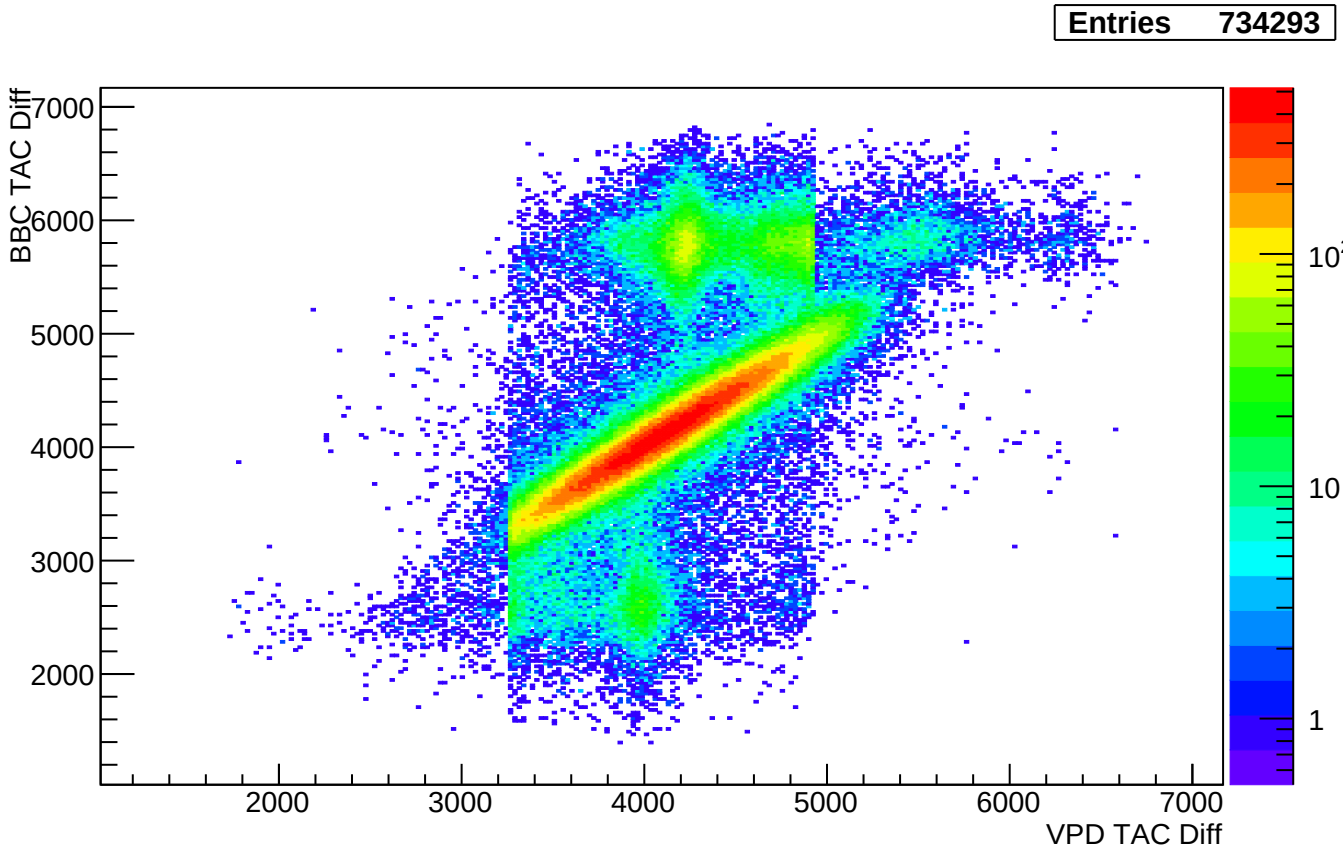

Entries 734293
TOF_Mult
EPD-East Hit Cnt

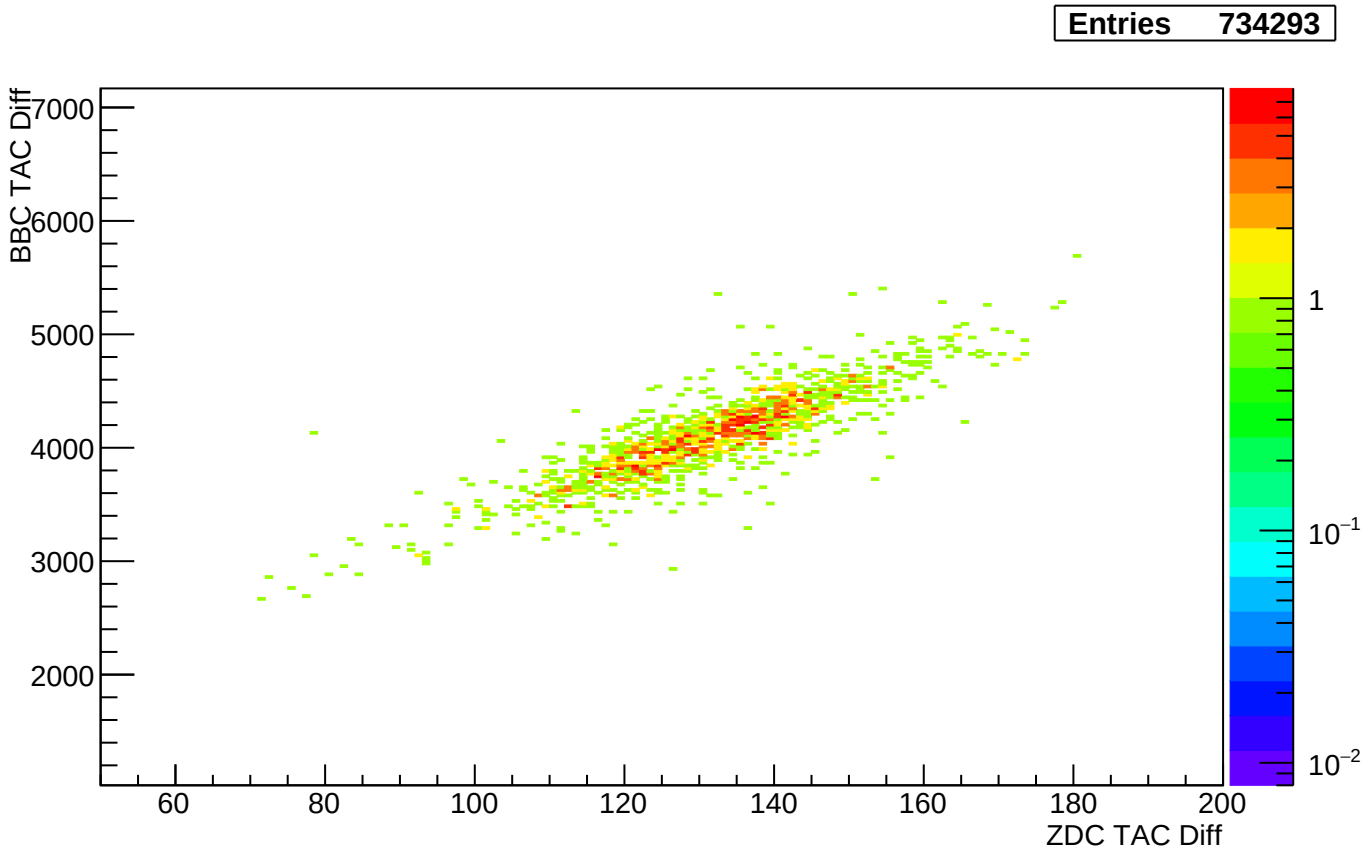

Entries 734293
TOF_Mult
EPD-West Hit Cnt

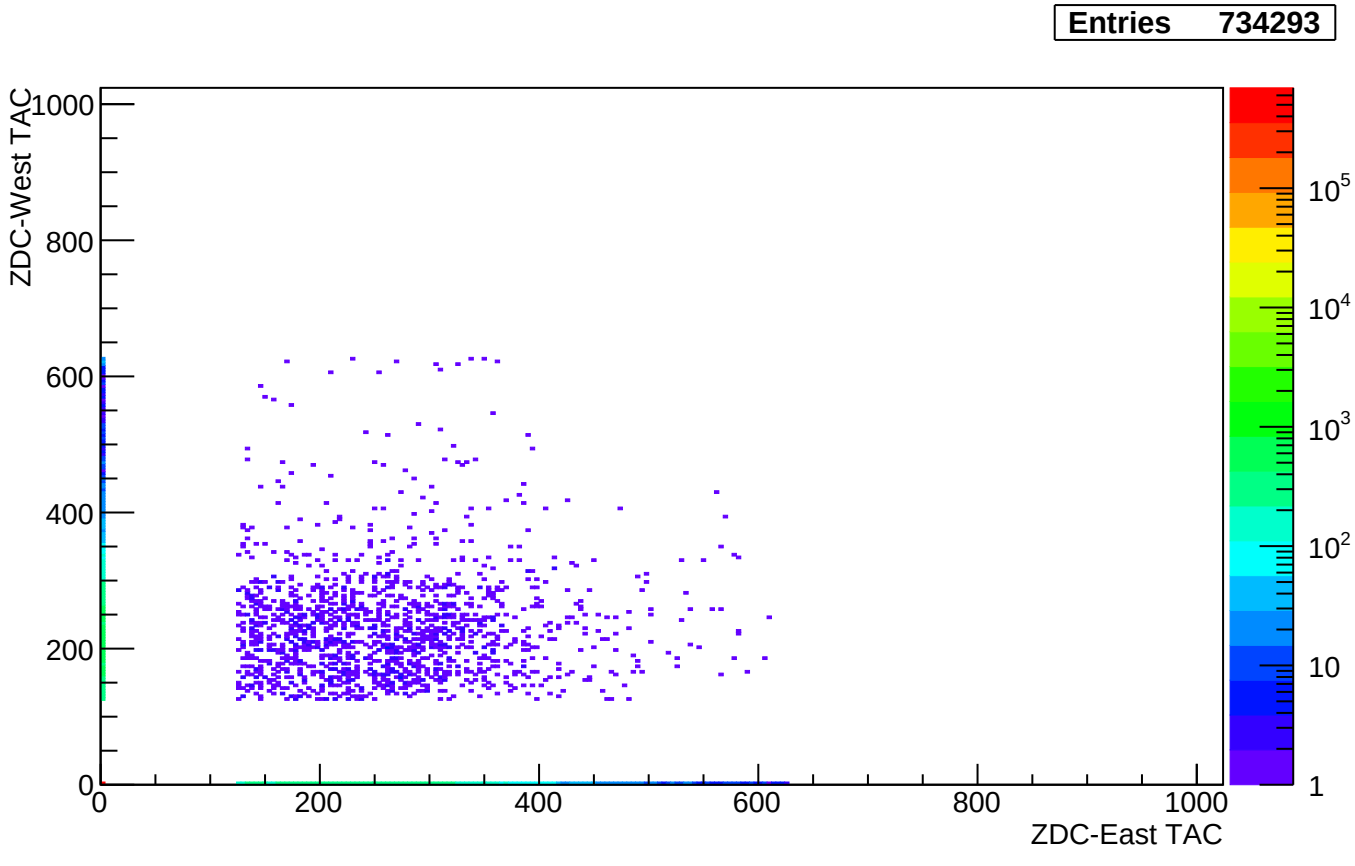

Entries 734293
TOF_Mult
VPD-East ADC Sum

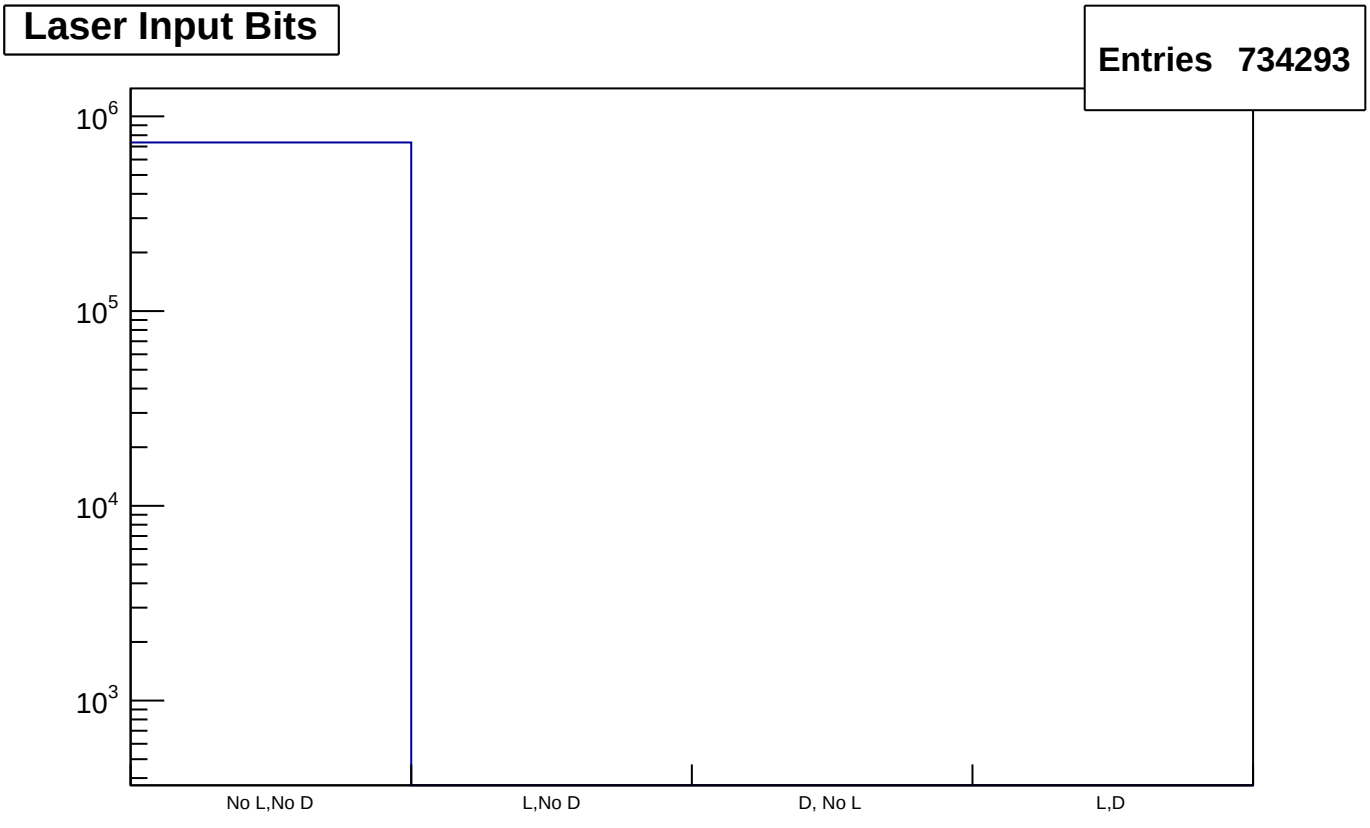

Entries 734293
TOF_Mult
VPD-West ADC Sum

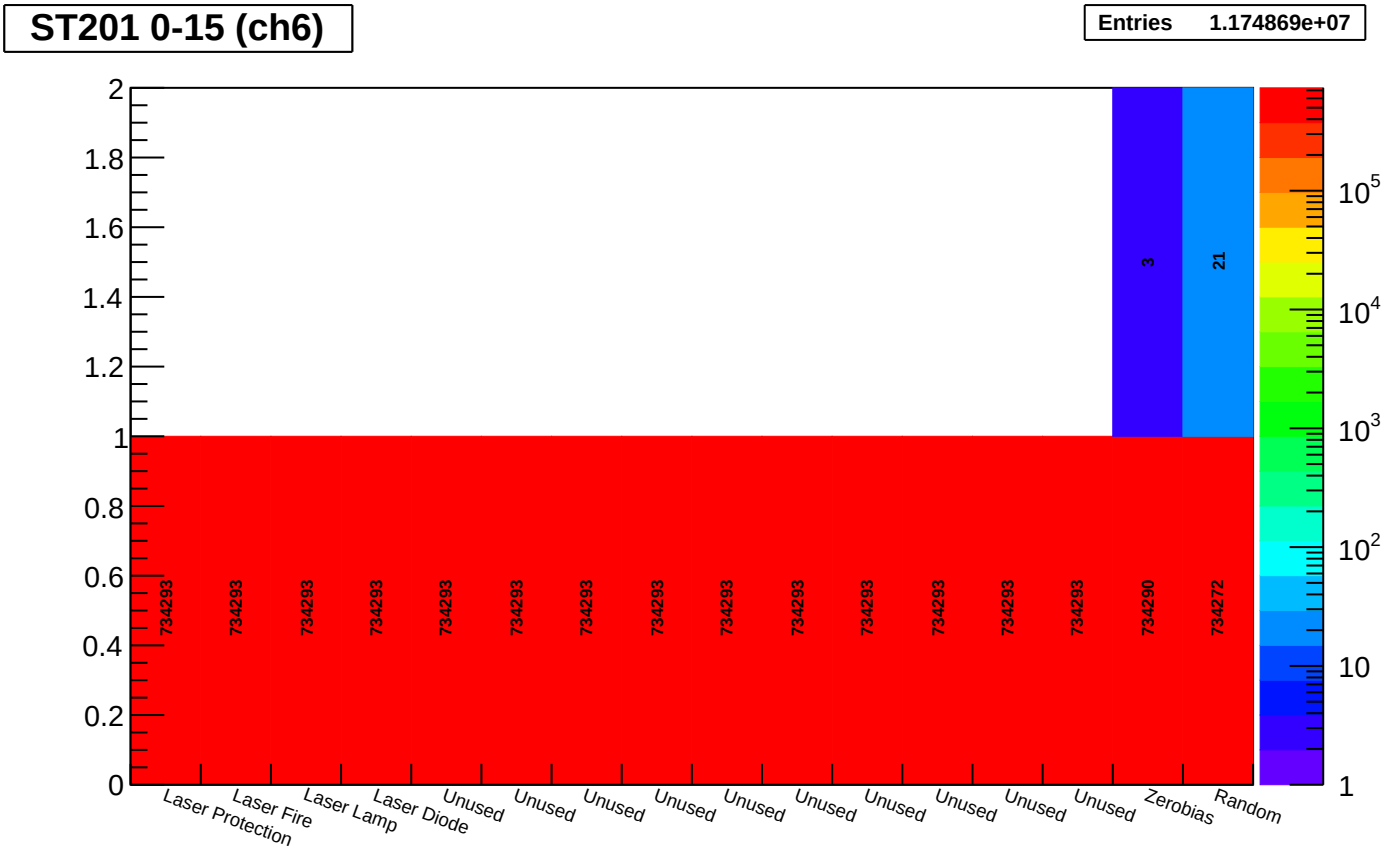

Entries 734293
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

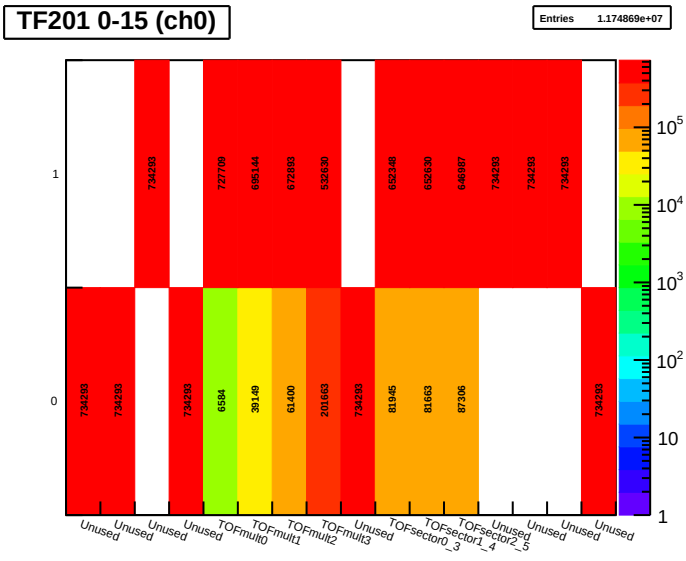

Entries 734293
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

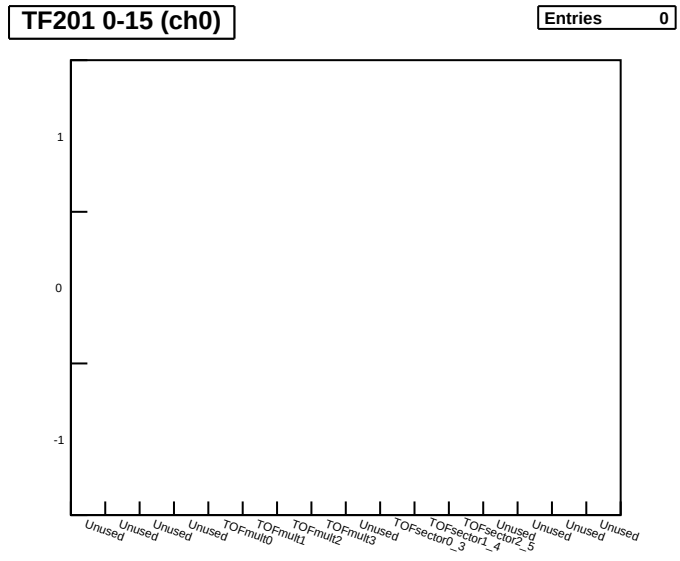

Entries 734293
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

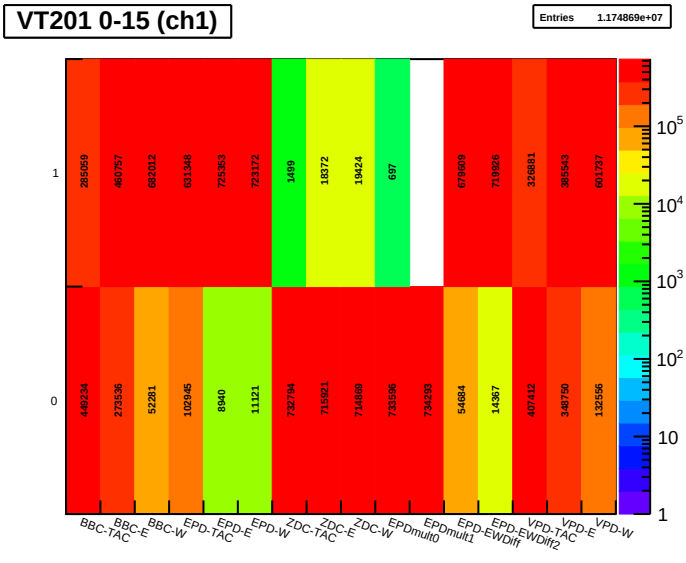

Entries 734293
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

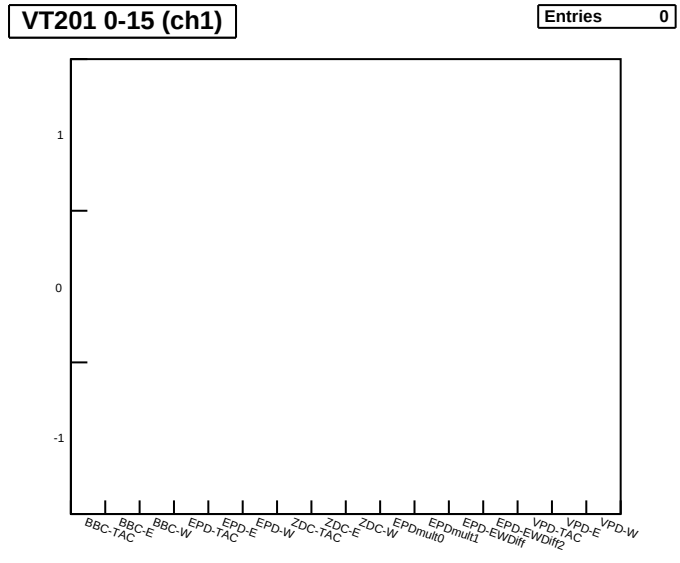

Laser Input Bits
Entries 734293
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

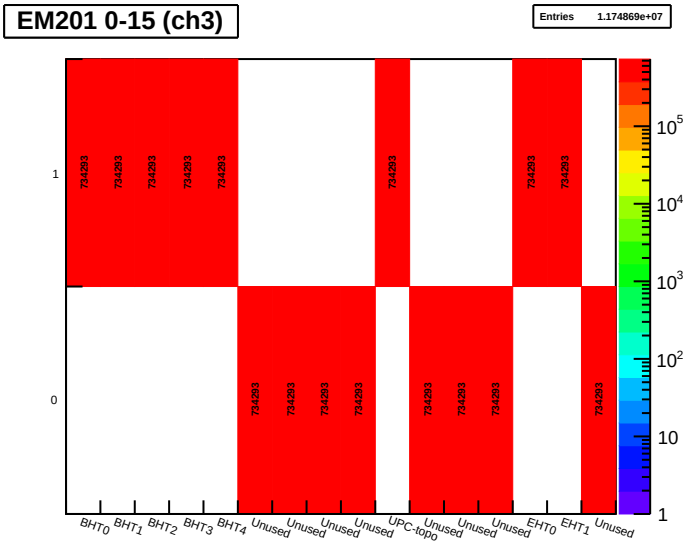

ST201 0-15 (ch6)
Entries 1.174869e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
734293
734293
734293
734293
734293
734293
734293
734293
734293
734293
734293
734293
734293
734293
734290
734272
3
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

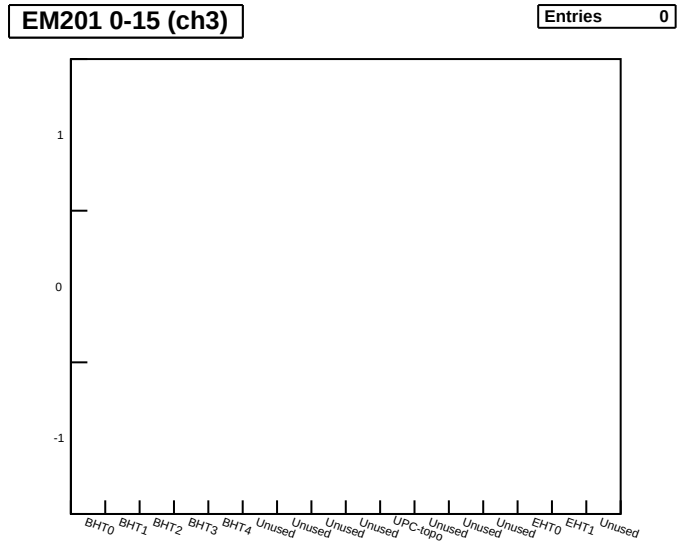

TF201 0-15 (ch0)
Entries 1.174869e+07
1
0
734293 727709 695144 672893 532630 652348 652630 646987 734293 734293 734293
734293 734293 734293 6584 39149 61400 201663 734293 81945 81663 87306 734293
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 Unused


VT201 0-15 (ch1)
Entries 1.174869e+07
1
0
285059 460757 682012 631348 725353 723172 1499 18372 19424 697 679609 719926 326881 385543 601737
449234 273536 52281 102945 8940 11121 732794 715921 714869 733596 734293 54684 14367 407412 348750 132556
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 1.174869e+07
1
0
734293 734293 734293 734293 734293 734293 734293 734293 734293
734293 734293 734293 734293 734293 734293 734293 734293
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