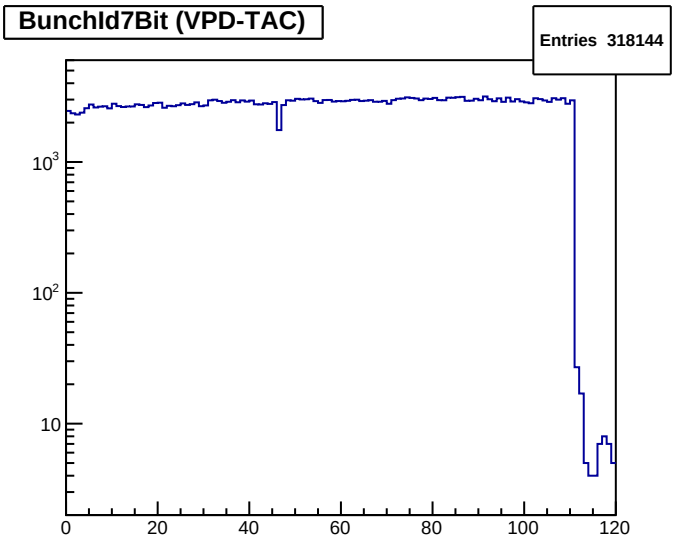
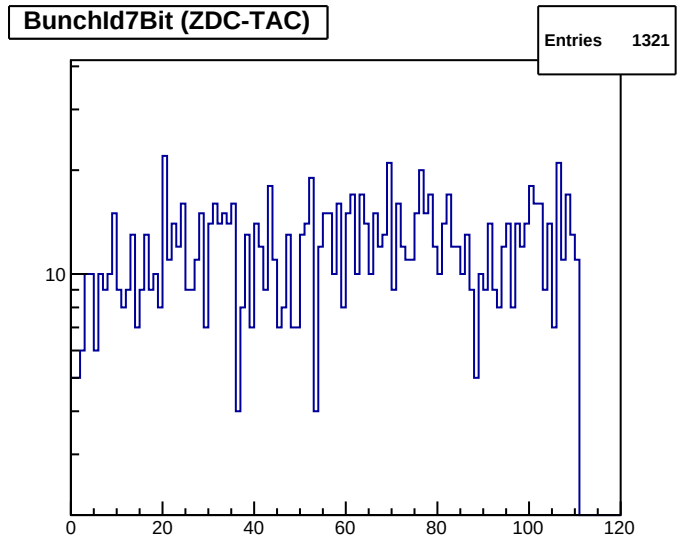
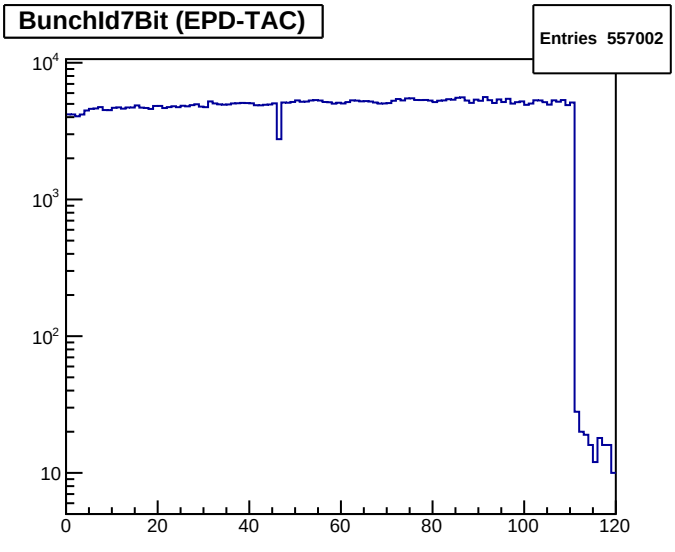
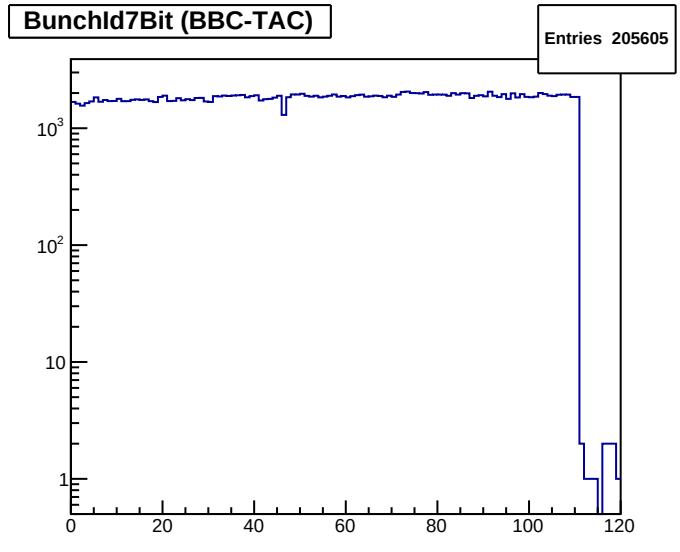
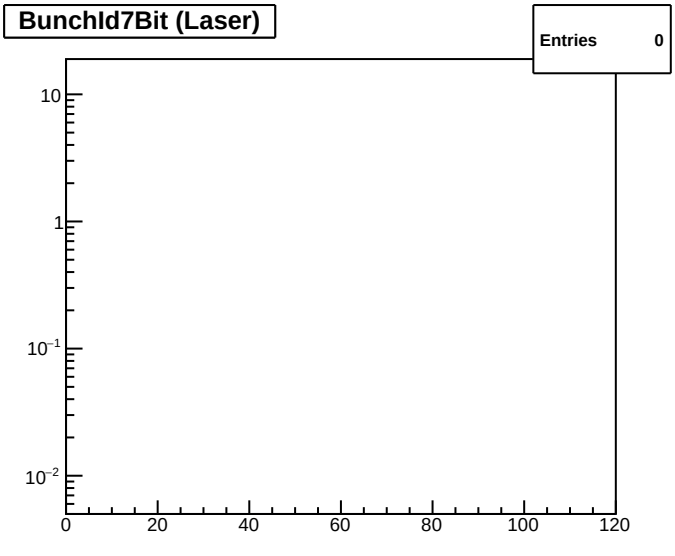
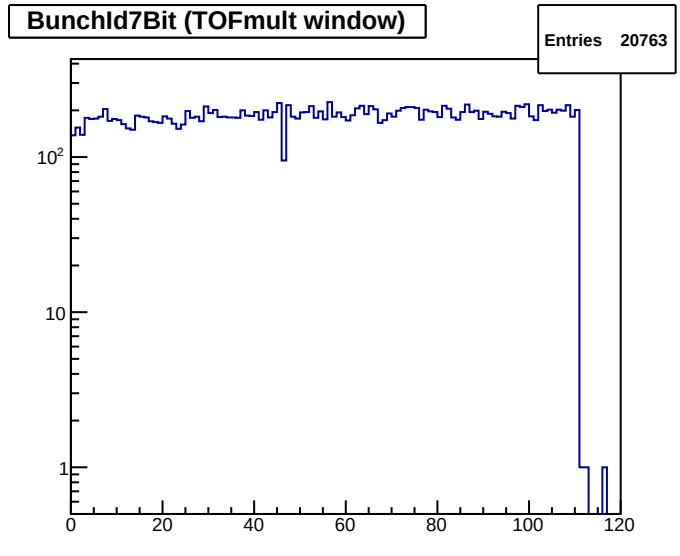

BunchId7Bit (VPD-TAC)
Entries 318144

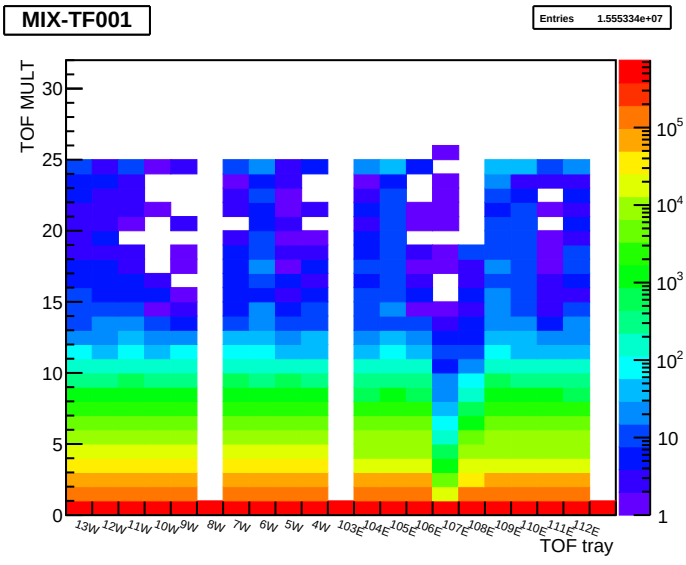

BunchId7Bit (ZDC-TAC)
Entries 1321

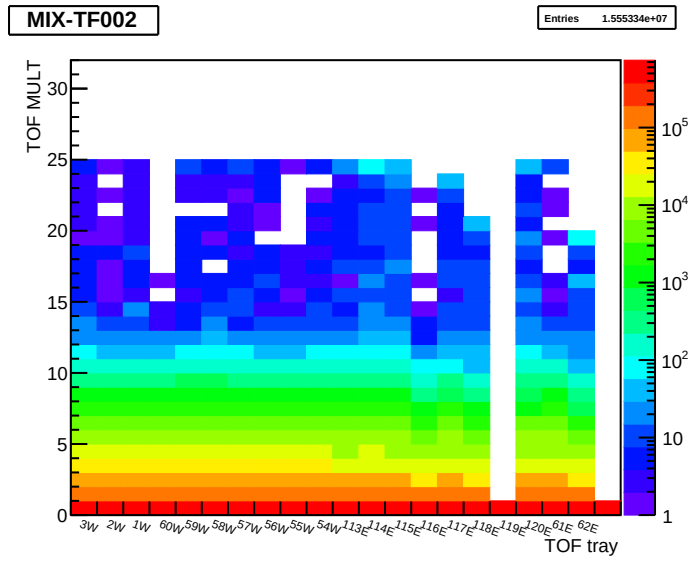

BunchId7Bit (EPD-TAC)
Entries 557002

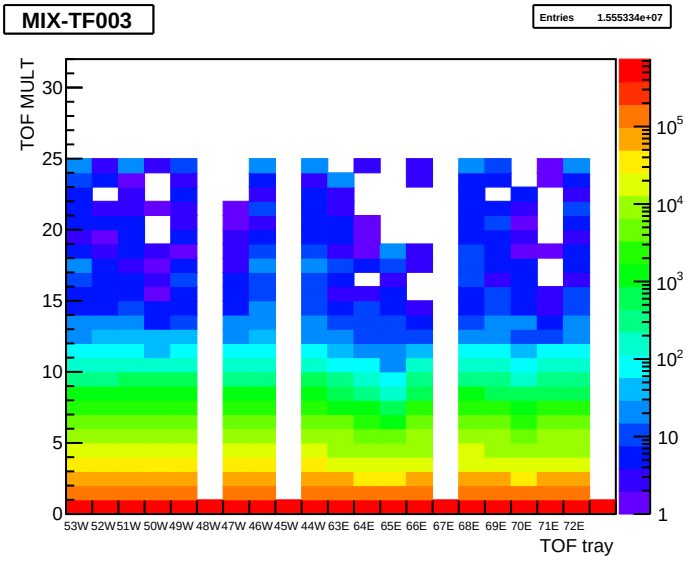

BunchId7Bit (BBC-TAC)
Entries 205605

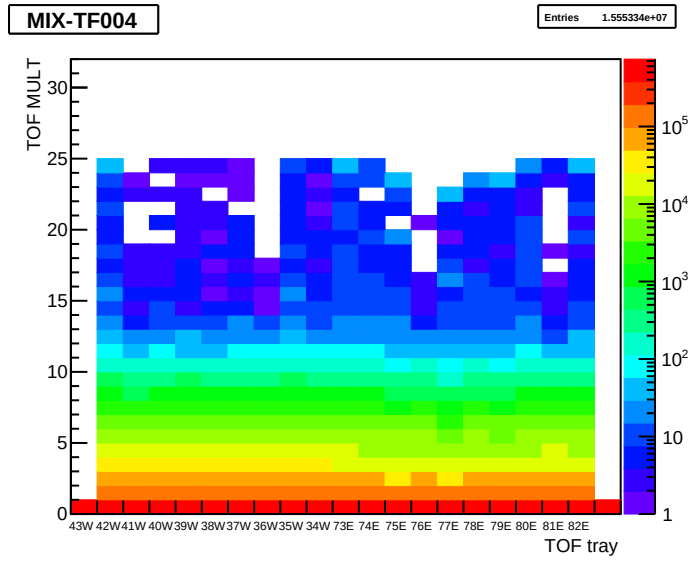

BunchId7Bit (Laser)
Entries 0

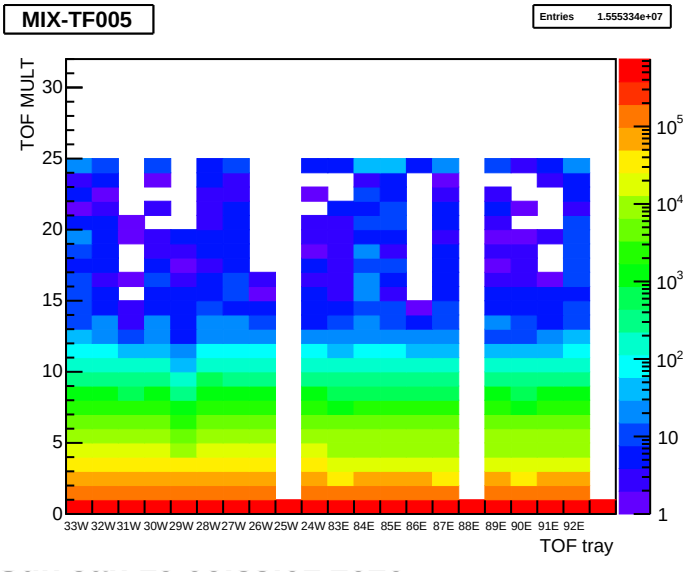

BunchId7Bit (TOFmult window)
Entries 20763

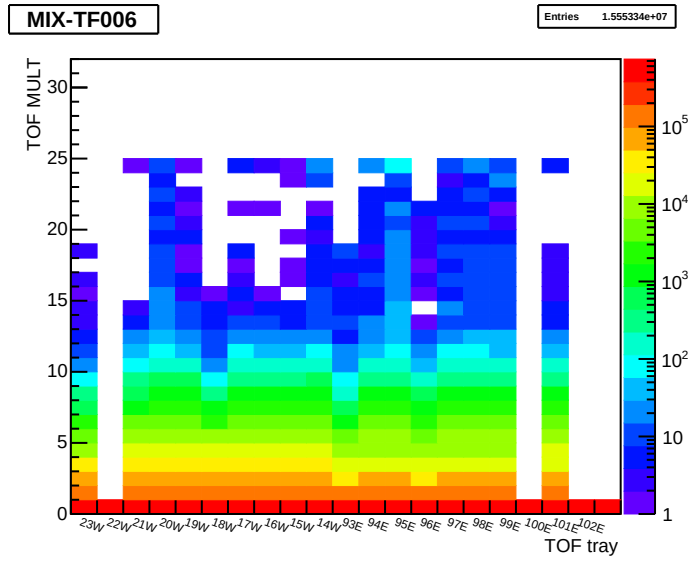

MIX-TF001
Entries 1.555334e+07
TOF MULT
TOF tray

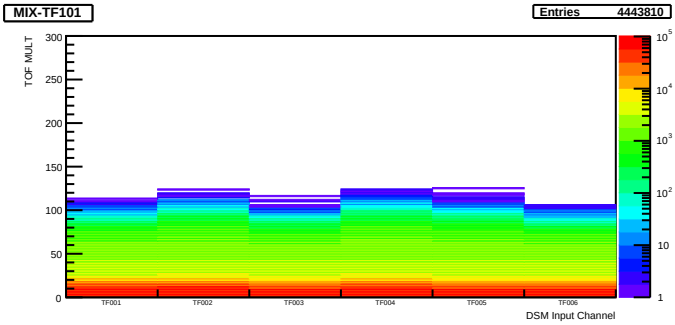

MIX-TF002
Entries 1.555334e+07
TOF MULT
TOF tray

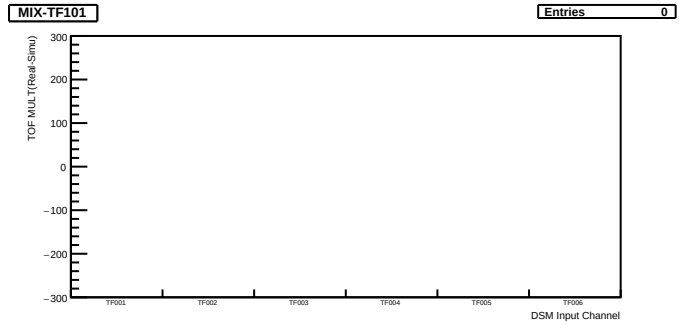

MIX-TF003
Entries 1.555334e+07
TOF MULT
TOF tray

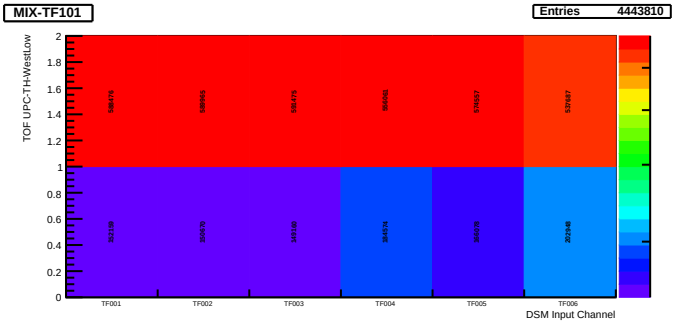

MIX-TF004
Entries 1.555334e+07
TOF MULT
TOF tray

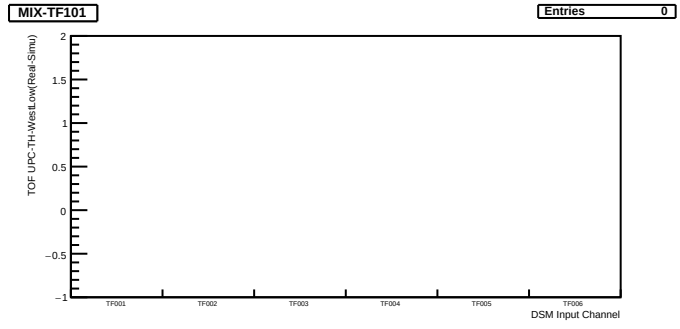

MIX-TF005
Entries 1.555334e+07
TOF MULT
TOF tray

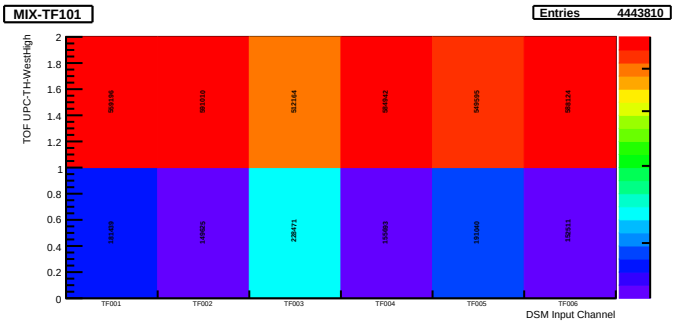

MIX-TF006
Entries 1.555334e+07
TOF MULT
TOF tray

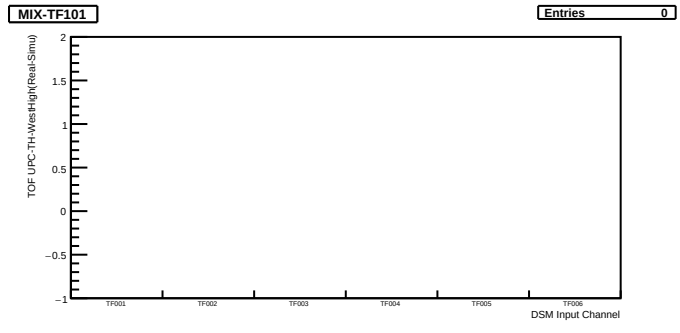

MIX-TF101
Entries 4443810
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

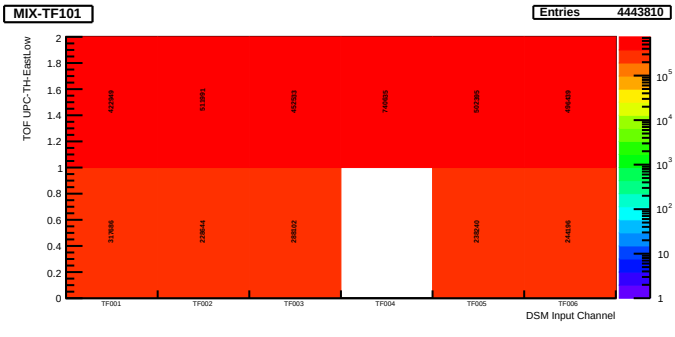

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

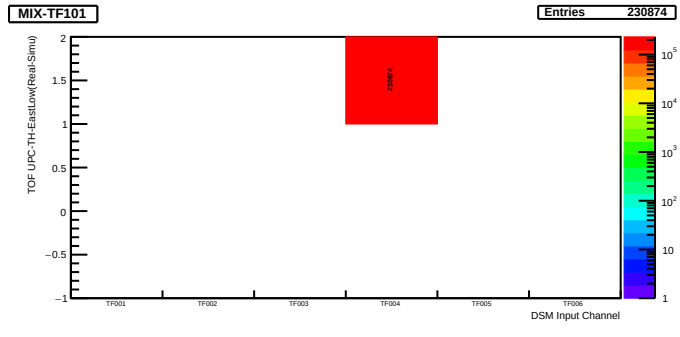

MIX-TF101
Entries 4443810
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

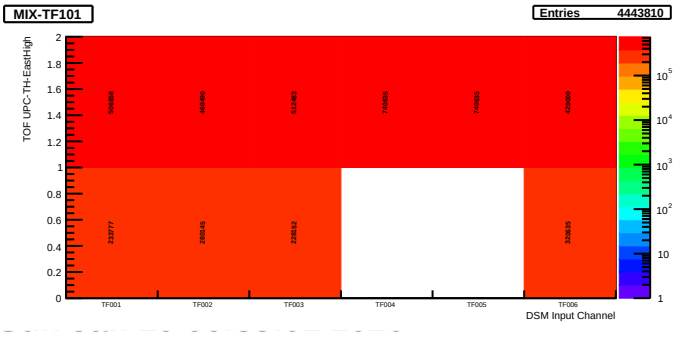

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

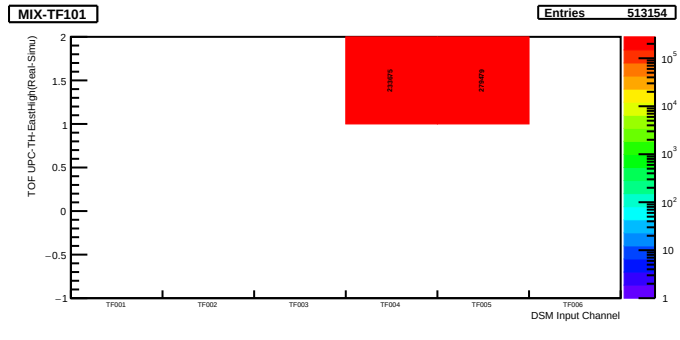

MIX-TF101
Entries 4443810
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

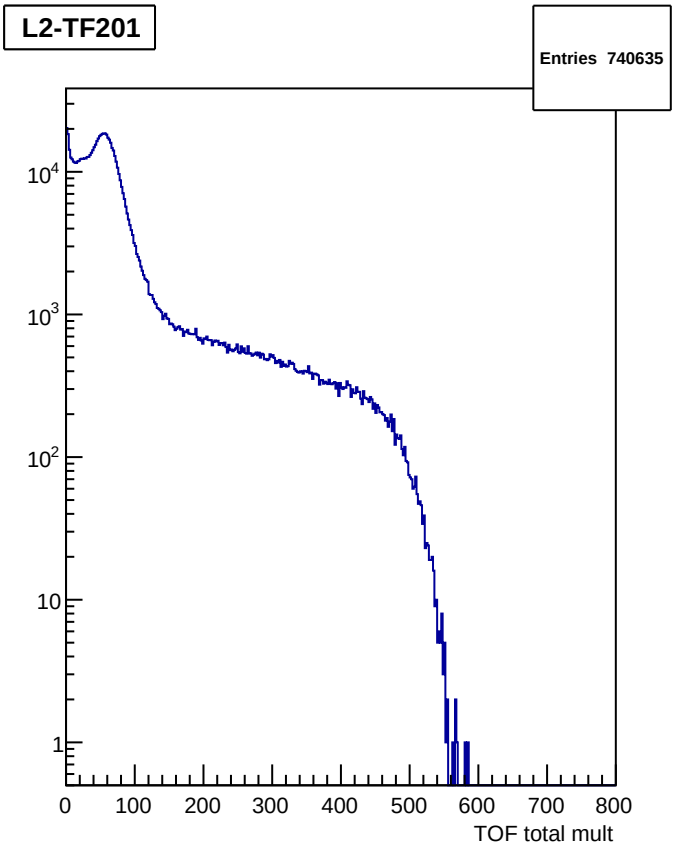

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

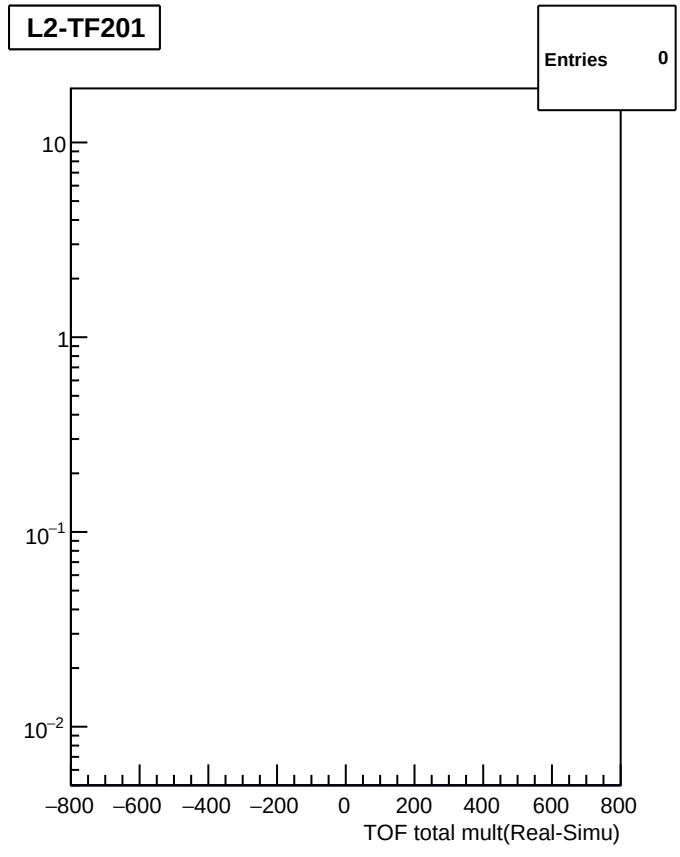

MIX-TF101
Entries 4443810
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

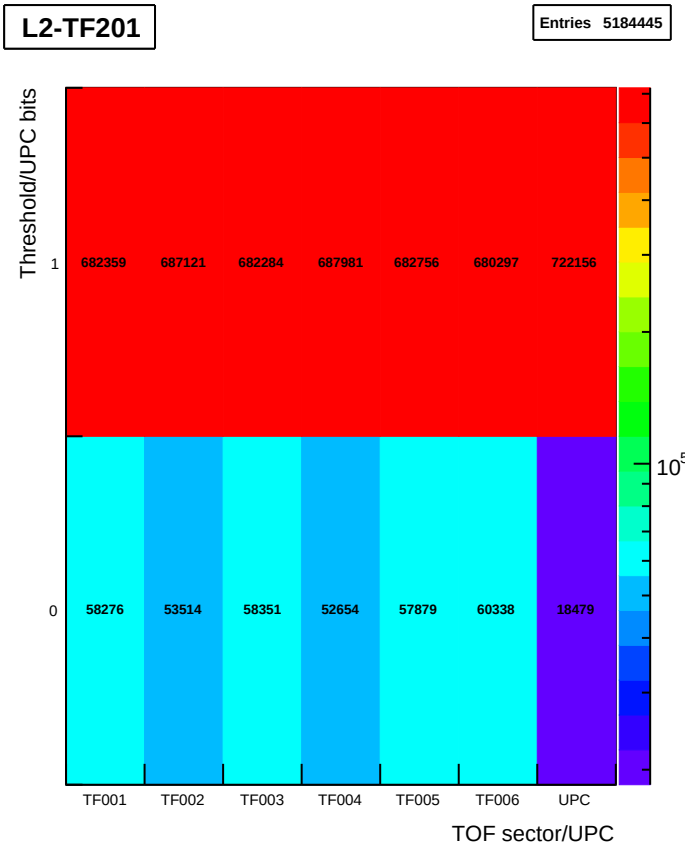

MIX-TF101
Entries 230874
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

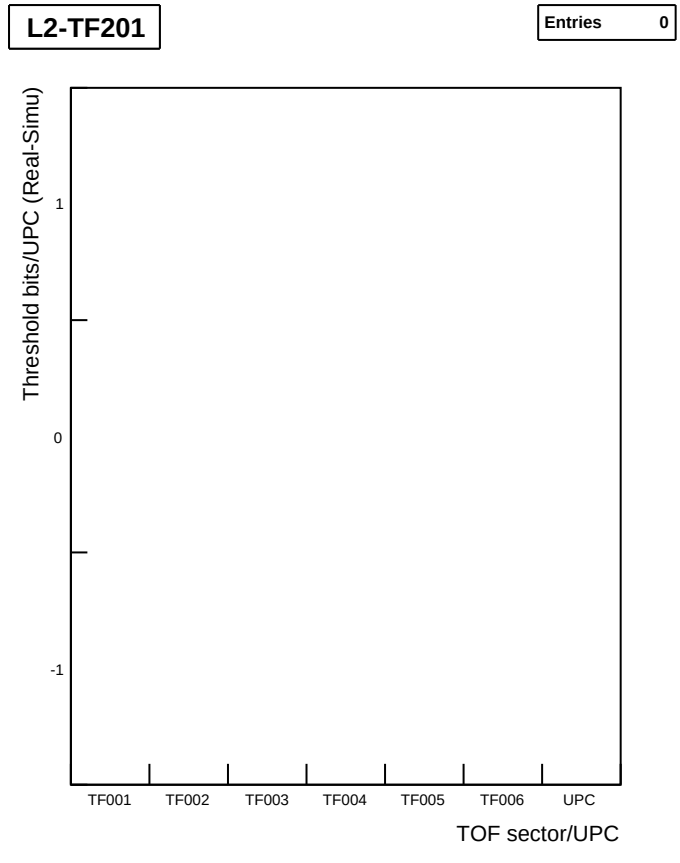

MIX-TF101
Entries 4443810
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

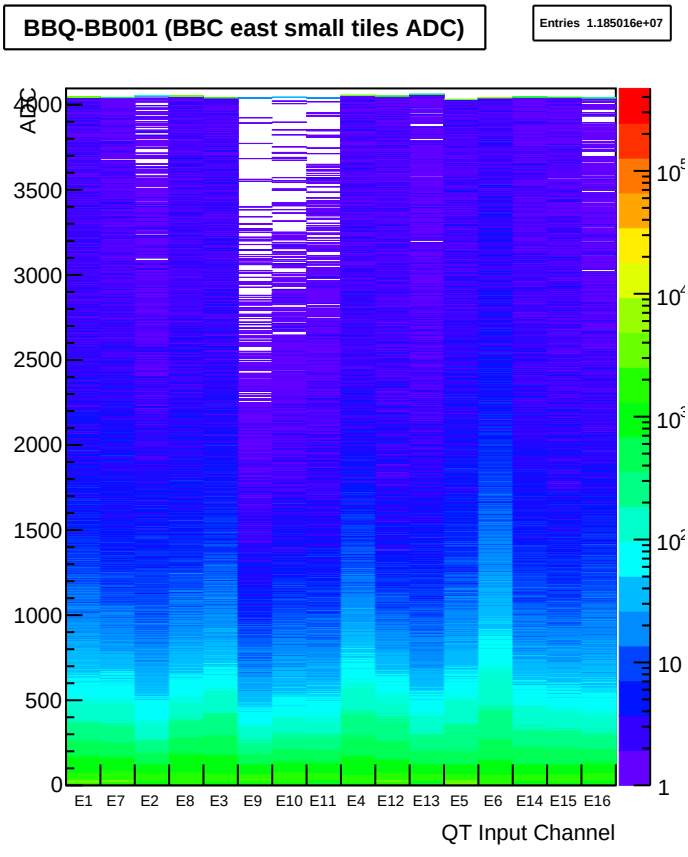

MIX-TF101
Entries 513154
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

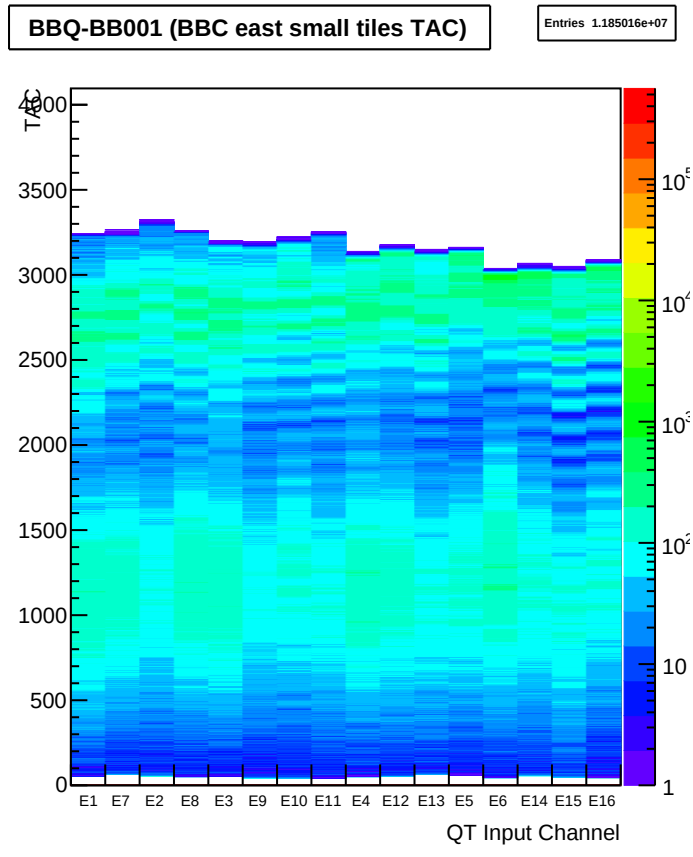

L2-TF201
Entries 740635
TOF total mult

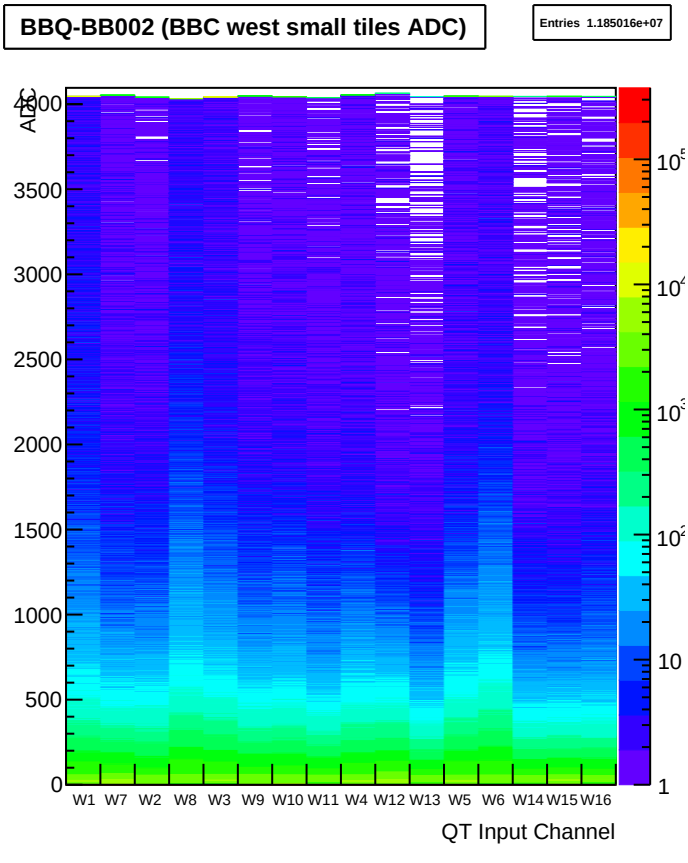

L2-TF201
Entries 0
TOF total mult(Real-Simu)

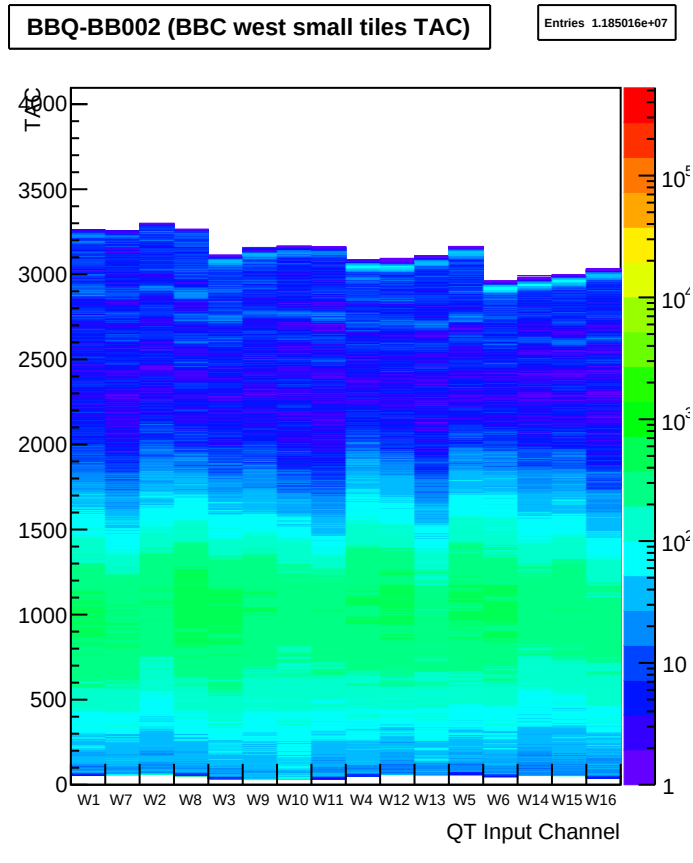

L2-TF201
Entries 5184445
Threshold/UPC bits
682359
687121
682284
687981
682756
680297
722156
58276
53514
58351
52654
57879
60338
18479
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

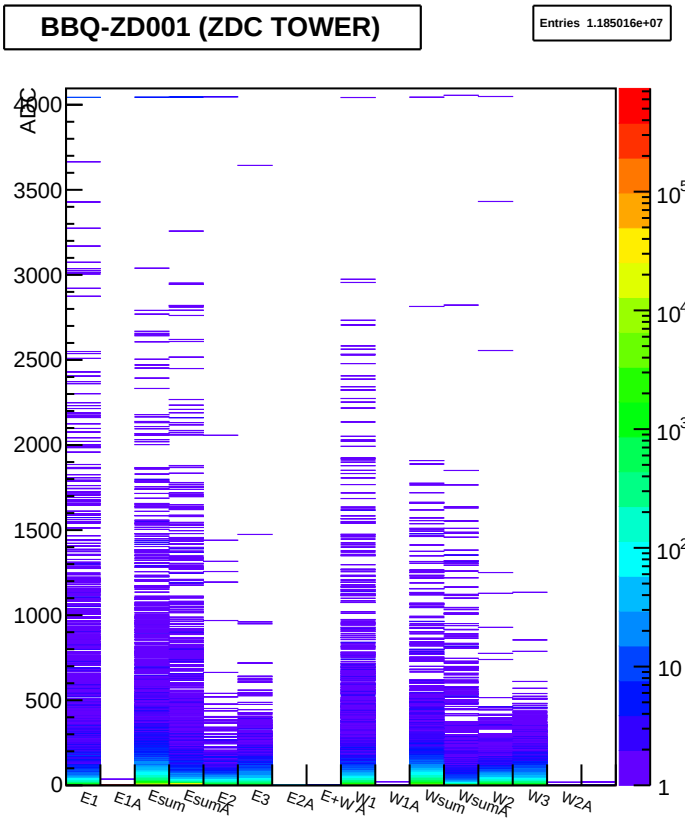

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

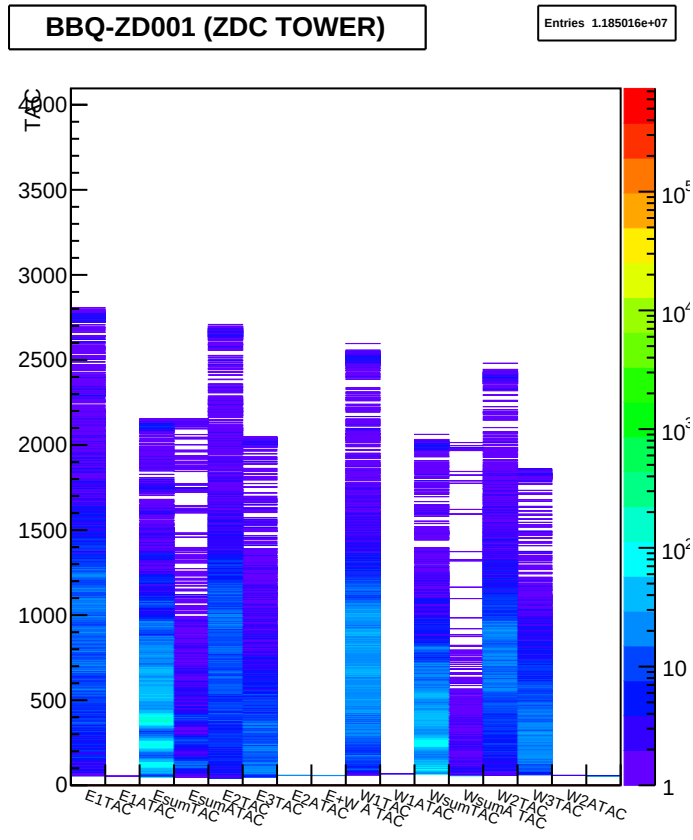

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.185016e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

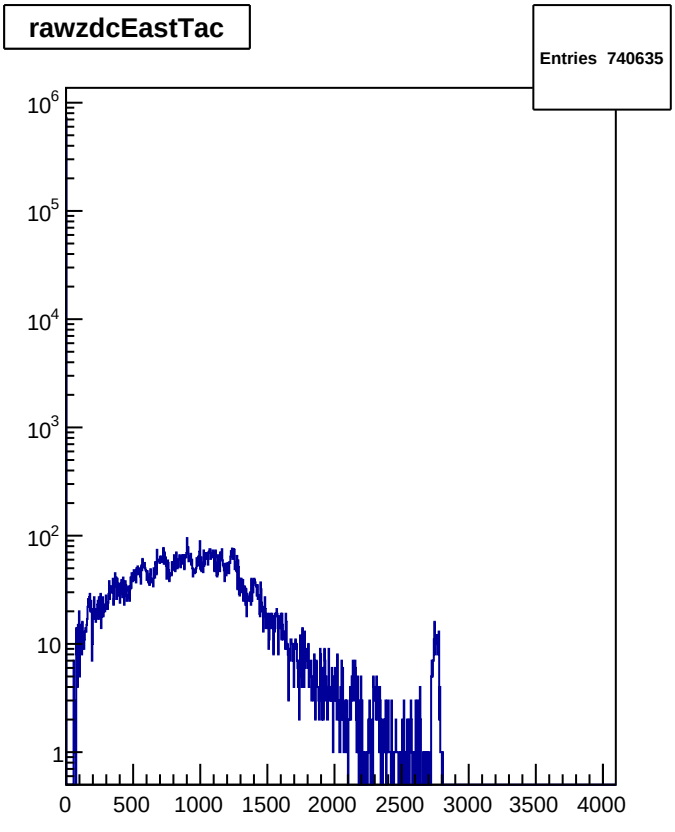

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.185016e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

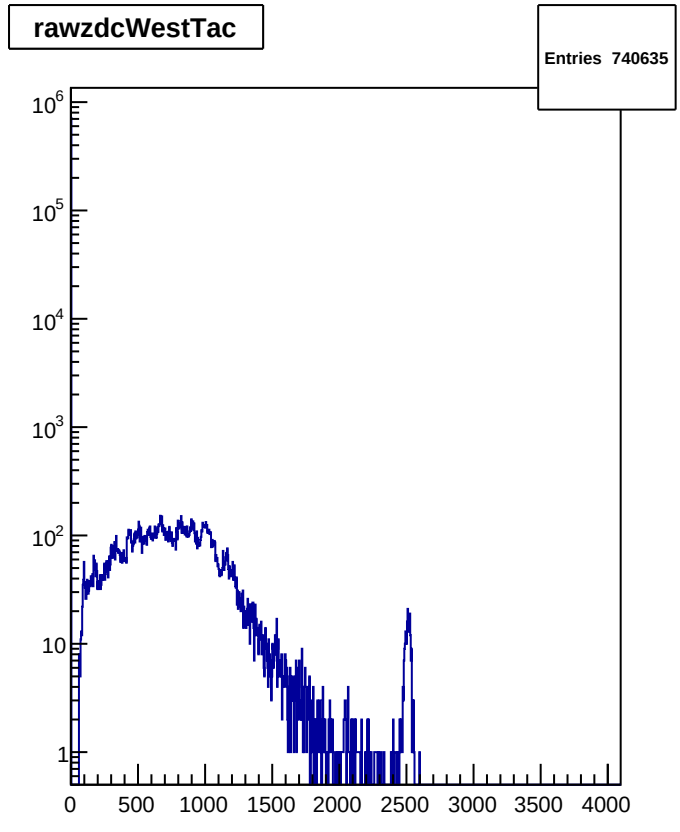

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.185016e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

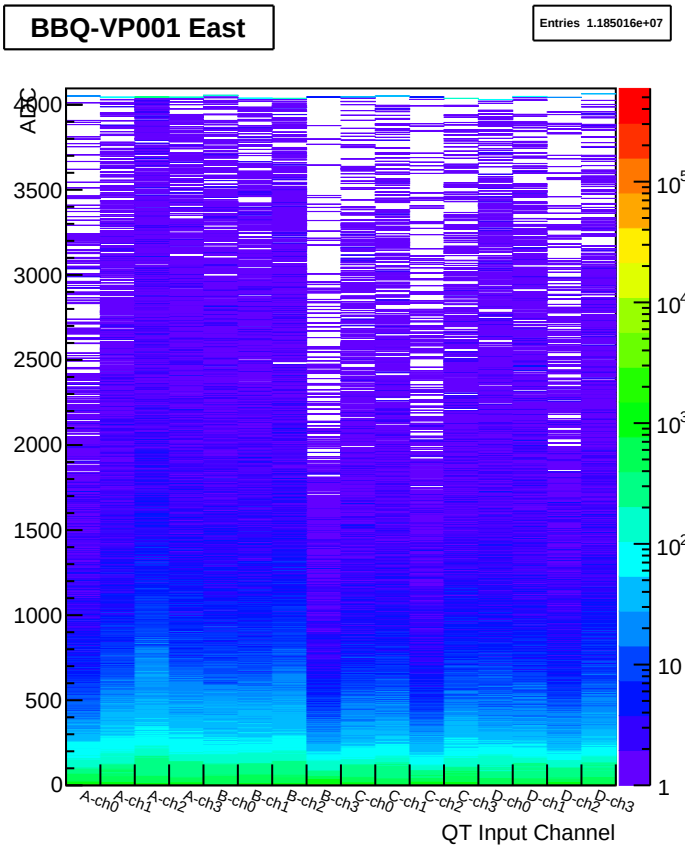

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.185016e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

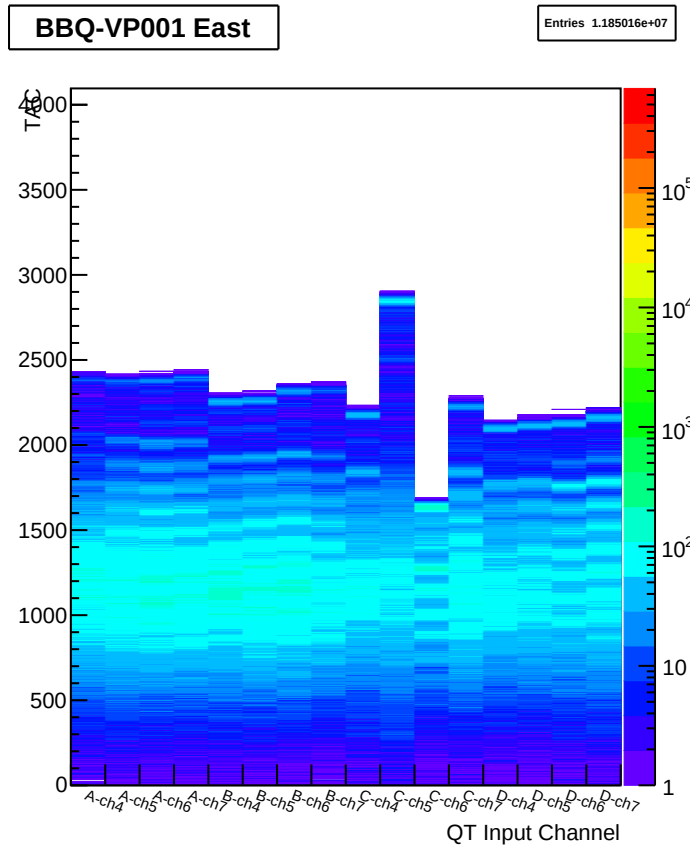

BBQ-ZD001 (ZDC TOWER)
Entries 1.185016e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

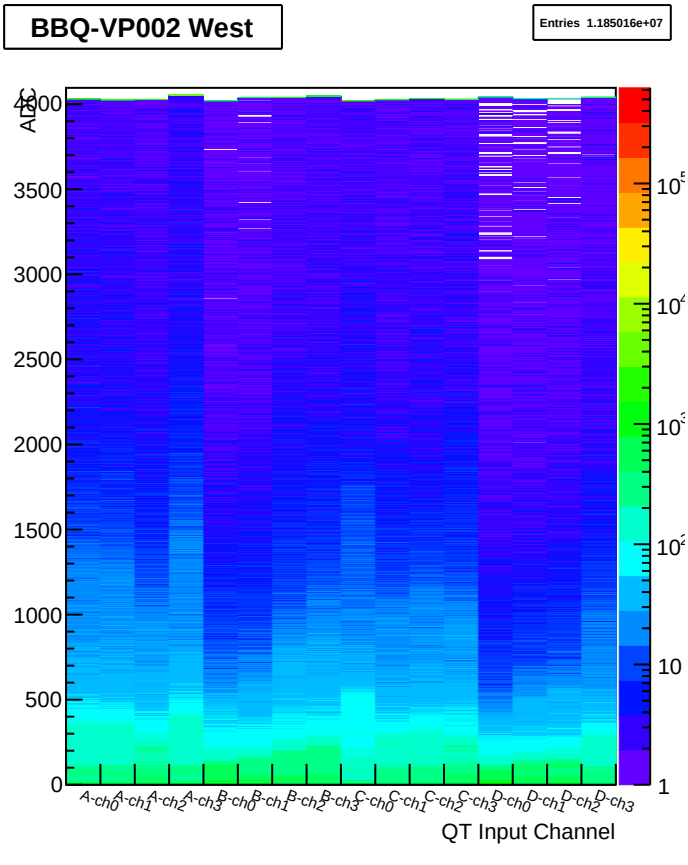

BBQ-ZD001 (ZDC TOWER)
Entries 1.185016e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

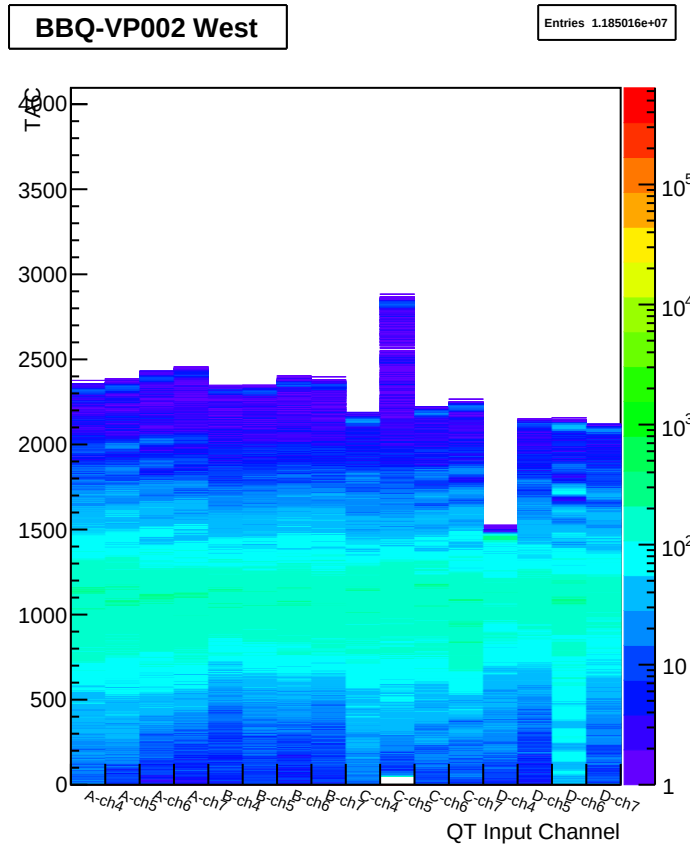

rawzdcEastTac
Entries 740635

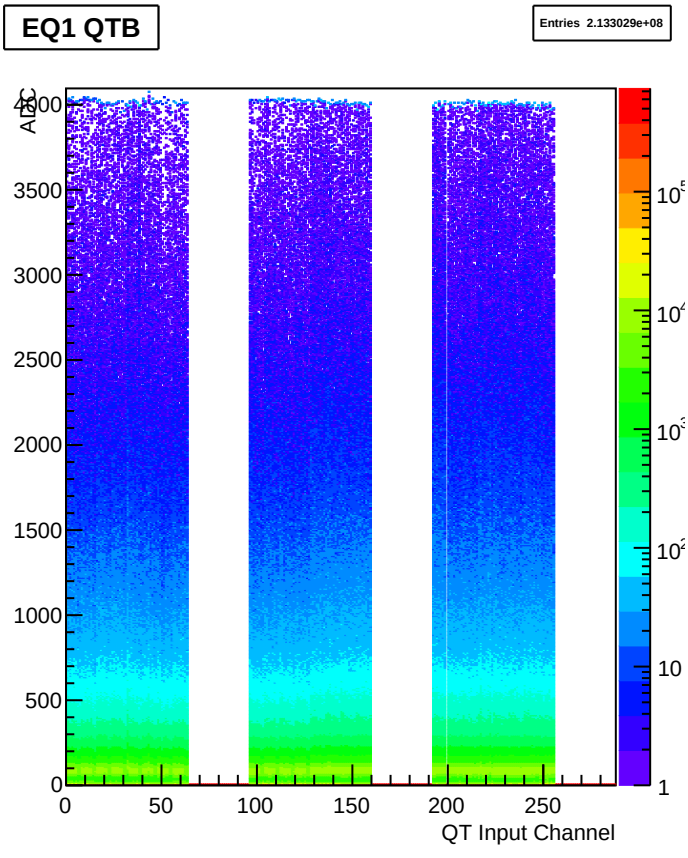

rawzdcWestTac
Entries 740635

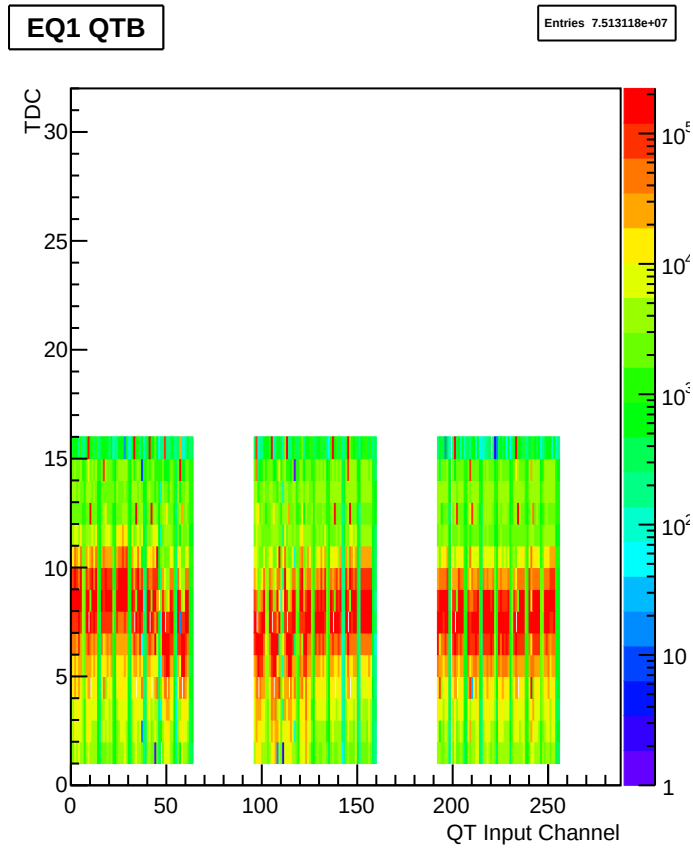

BBQ-VP001 East
Entries 1.185016e+07
ADC
QT Input Channel

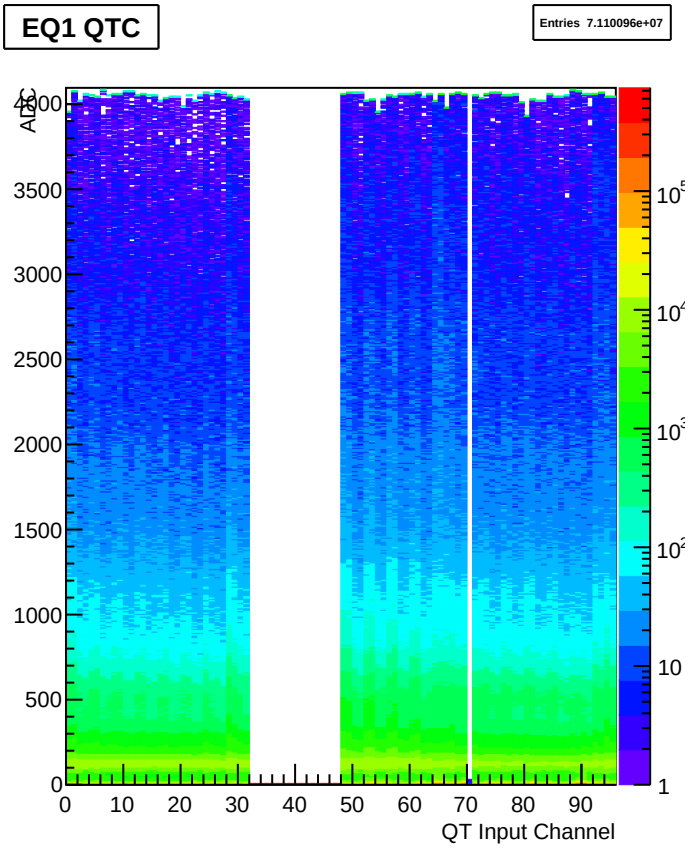

BBQ-VP001 East
Entries 1.185016e+07
ADC
QT Input Channel

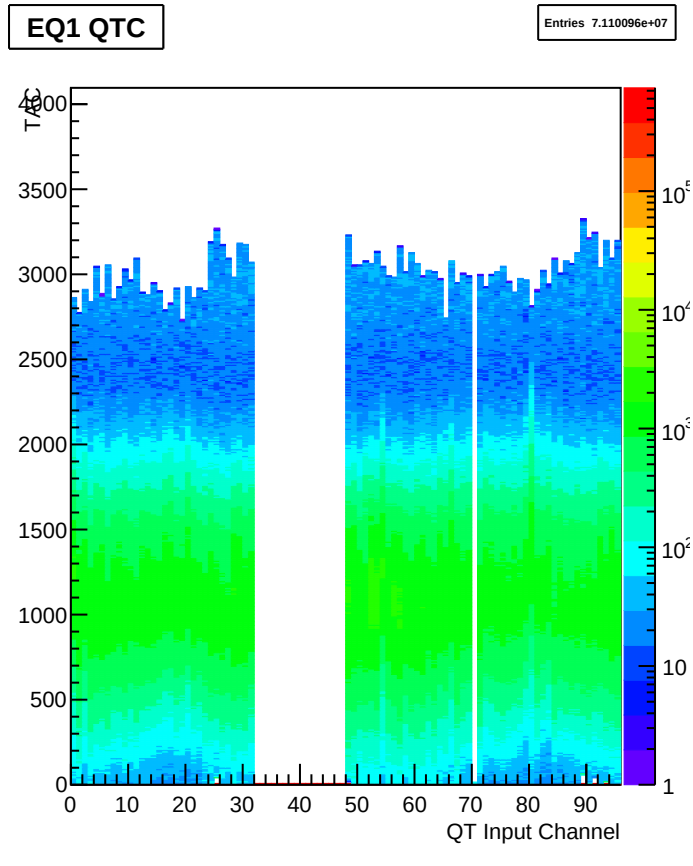

BBQ-VP002 West
Entries 1.185016e+07
ADC
QT Input Channel

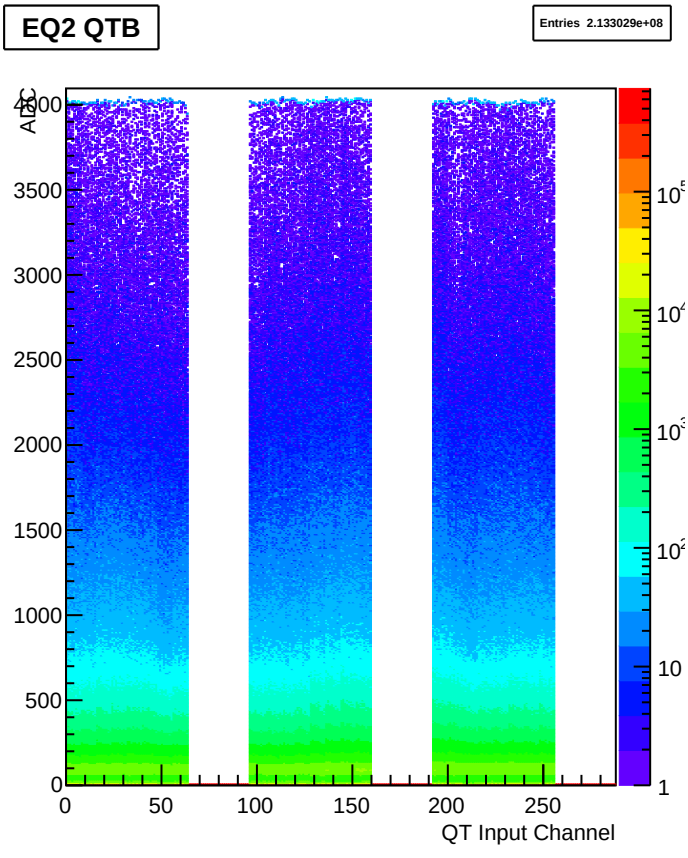

BBQ-VP002 West
Entries 1.185016e+07
ADC
QT Input Channel

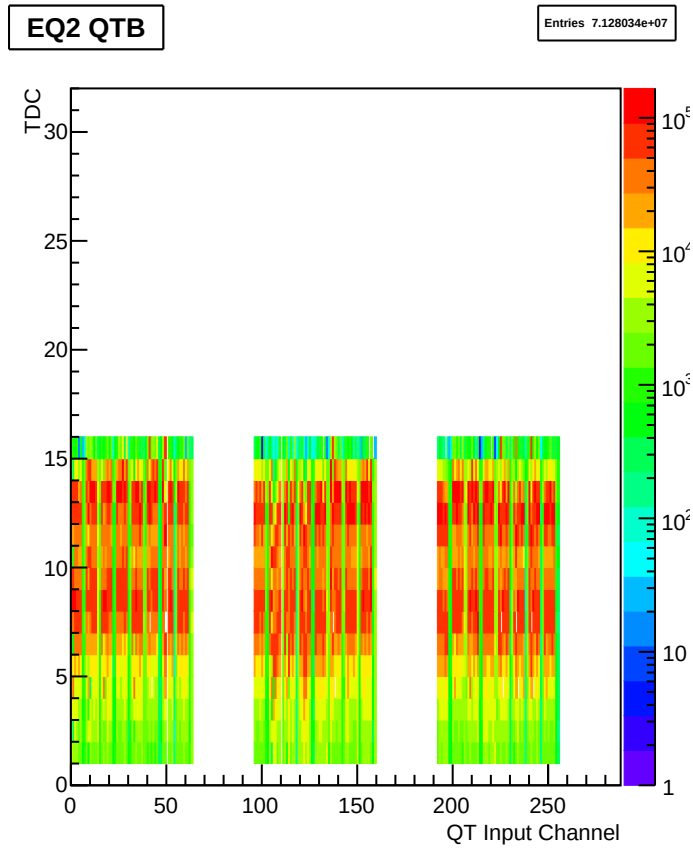

EQ1 QTB
Entries 2.133029e+08
ADC
QT Input Channel

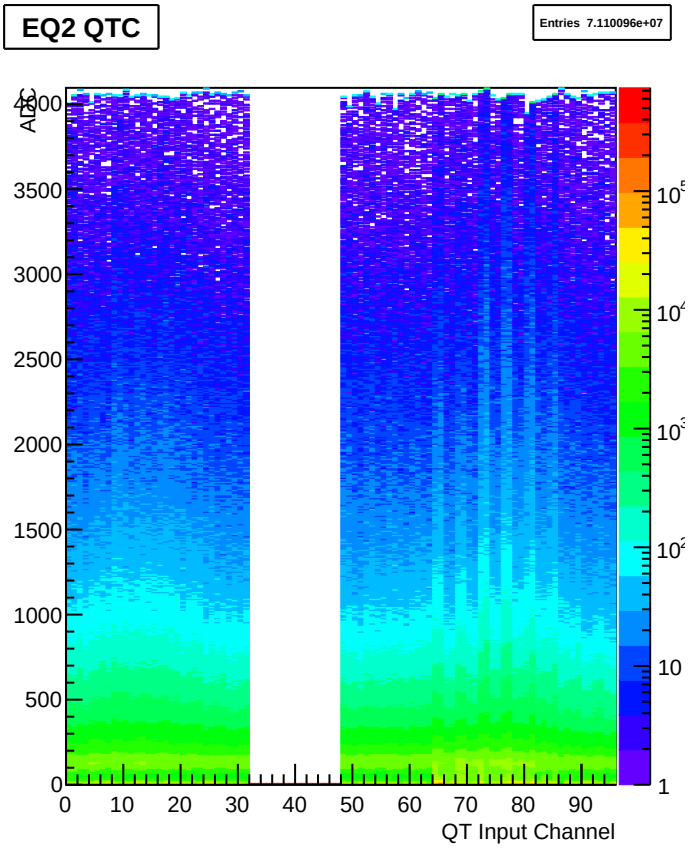

EQ1 QTB
Entries 7.513118e+07
TDC
QT Input Channel

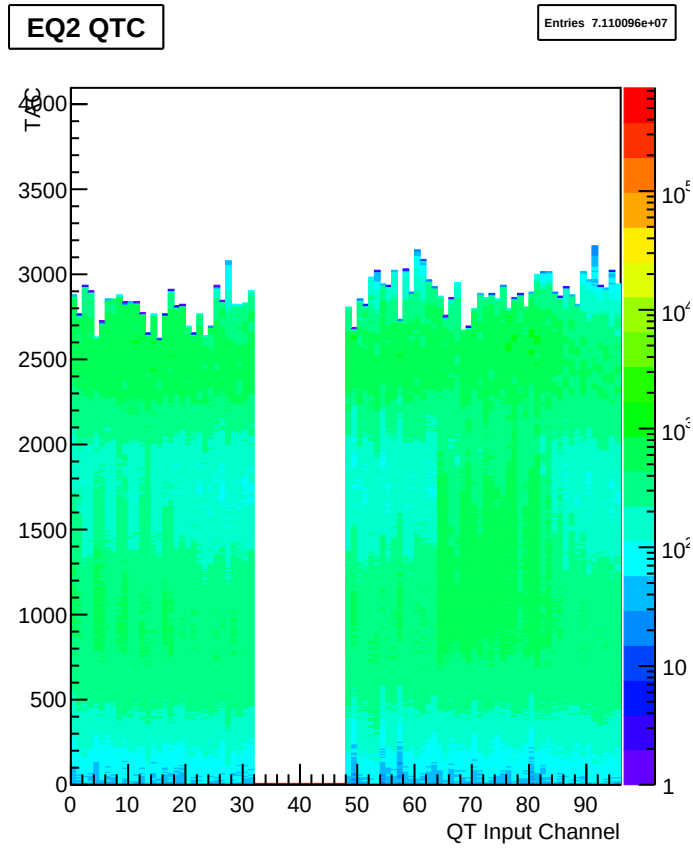

EQ1 QTC
Entries 7.110096e+07
ADC
QT Input Channel

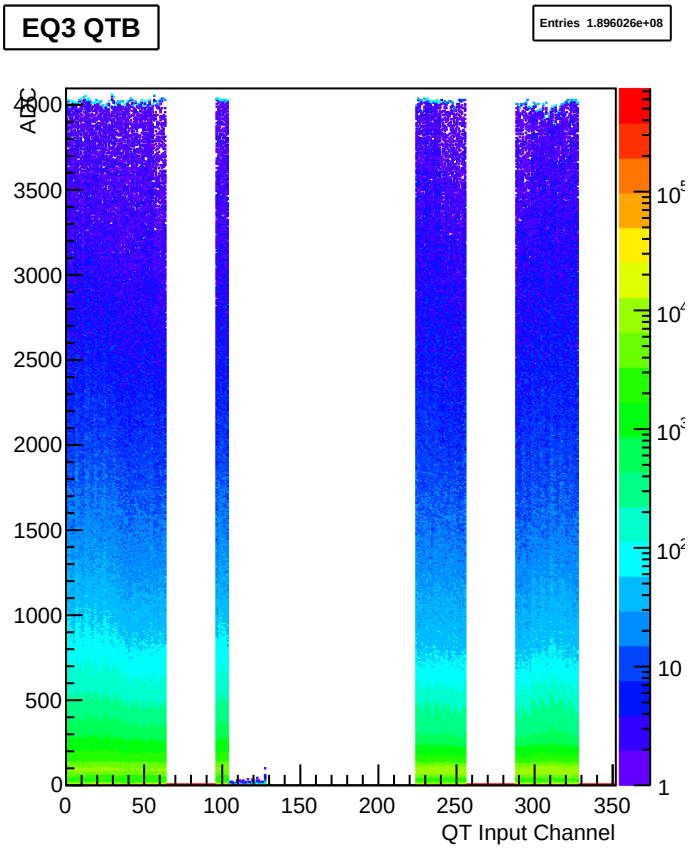

EQ1 QTC
Entries 7.110096e+07
TADC
QT Input Channel

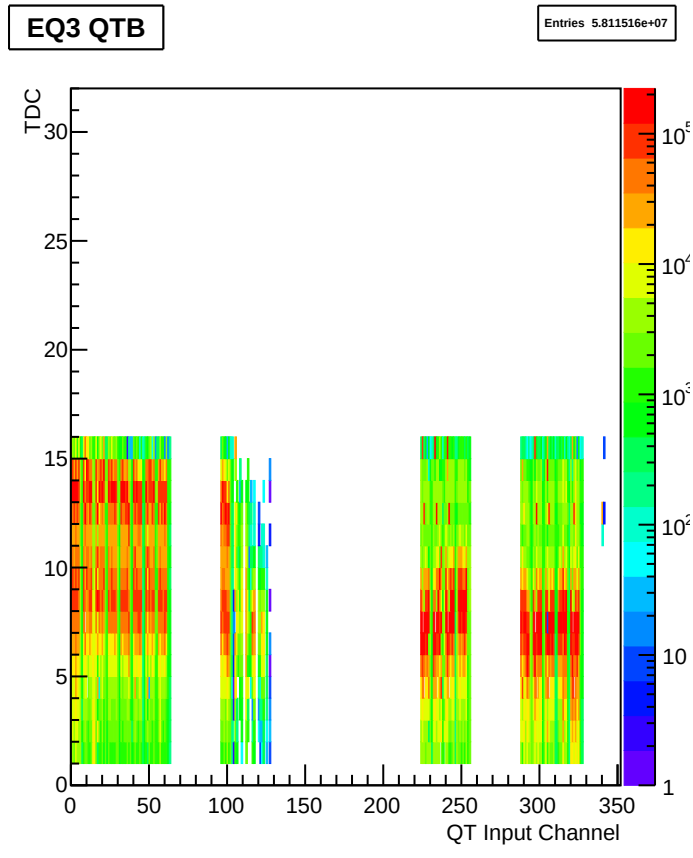

EQ2 QTB
Entries 2.133029e+08
ADC
QT Input Channel

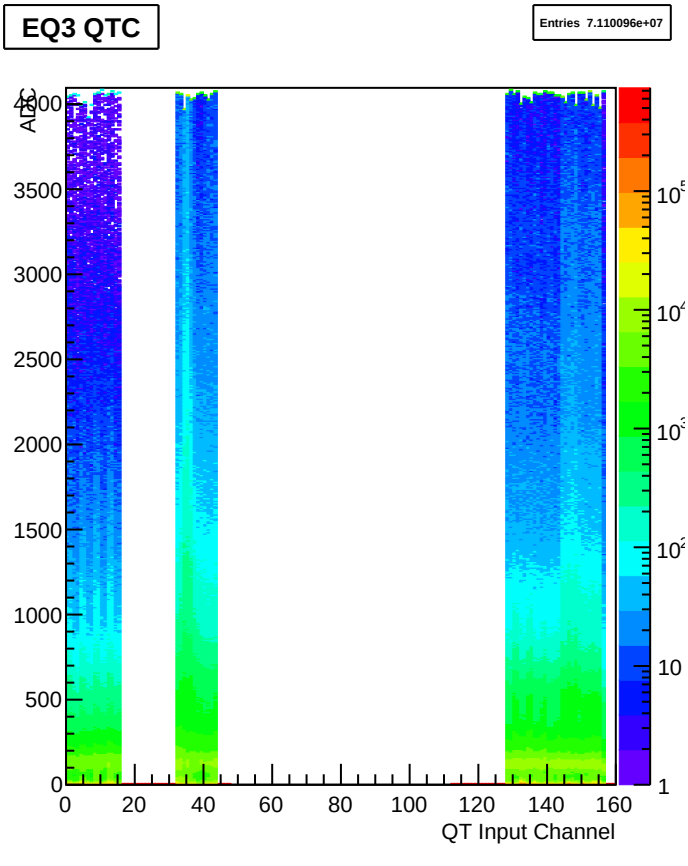

EQ2 QTB
Entries 7.128034e+07
TDC
QT Input Channel

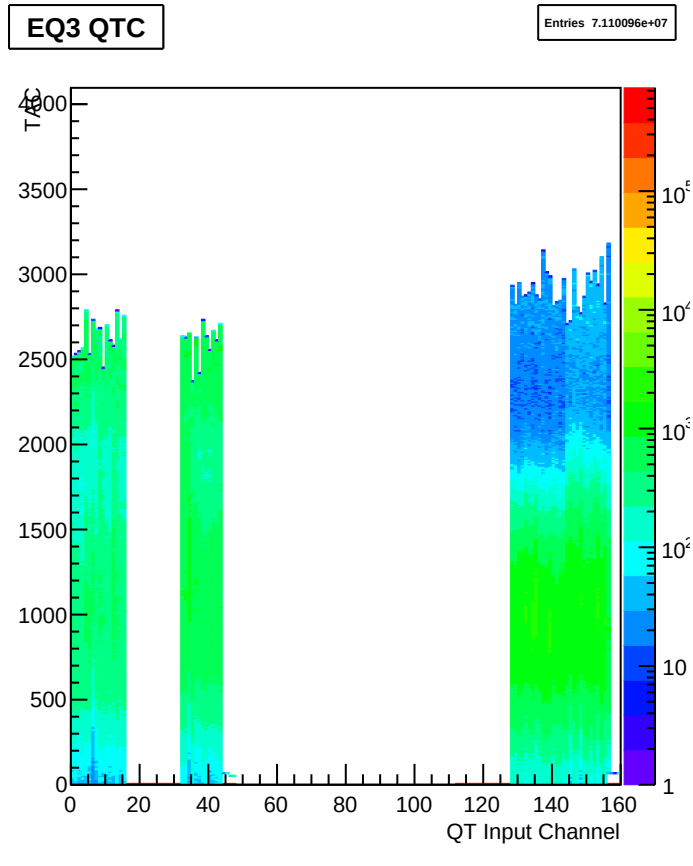

EQ2 QTC
Entries 7.110096e+07
ADC
QT Input Channel

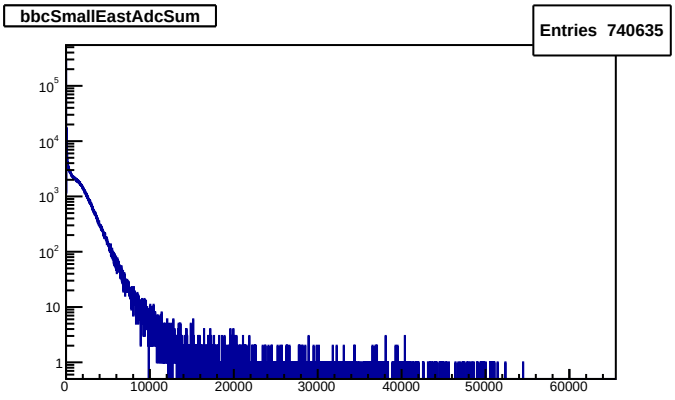

EQ2 QTC
Entries 7.110096e+07
TADC
QT Input Channel

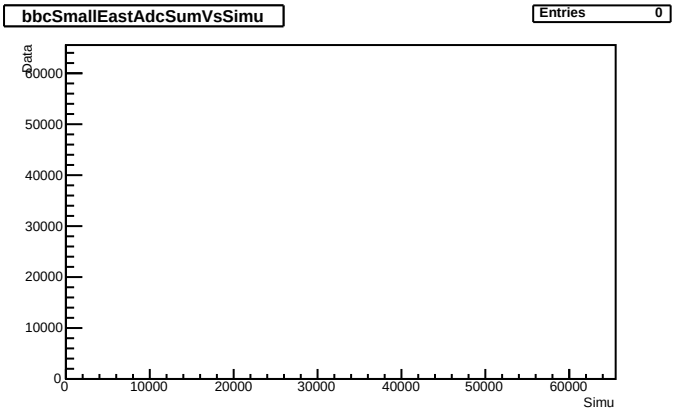

EQ3 QTB
Entries 1.896026e+08
ADC
QT Input Channel

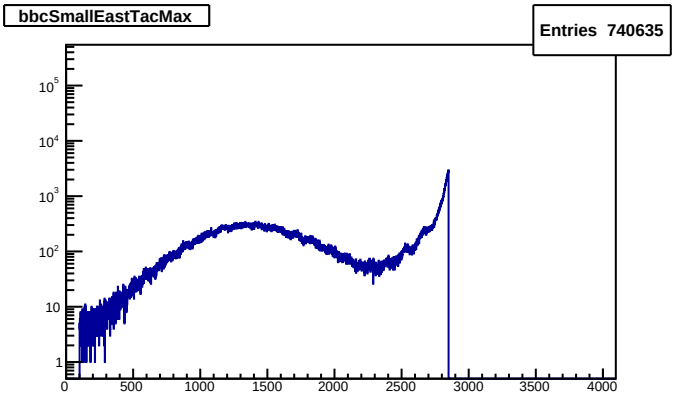

EQ3 QTB
Entries 5.811516e+07
TDC
QT Input Channel

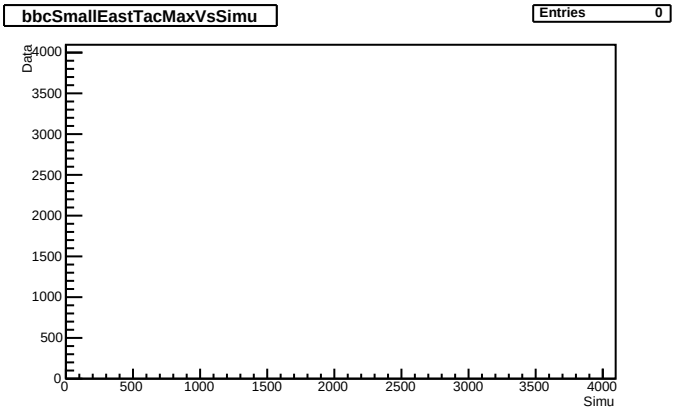

EQ3 QTC
Entries 7.110096e+07
ADC
QT Input Channel


EQ3 QTC
Entries 7.110096e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 740635


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 740635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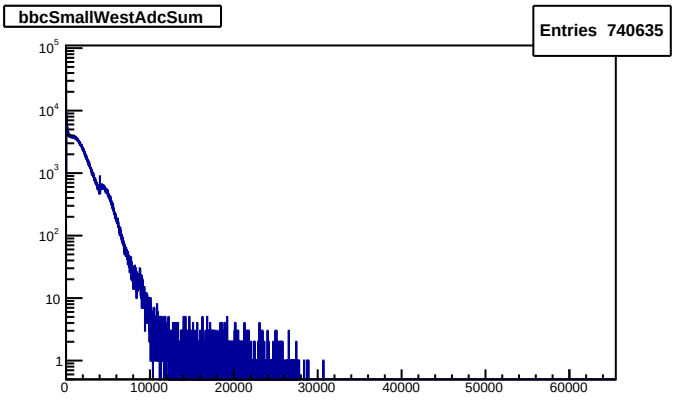
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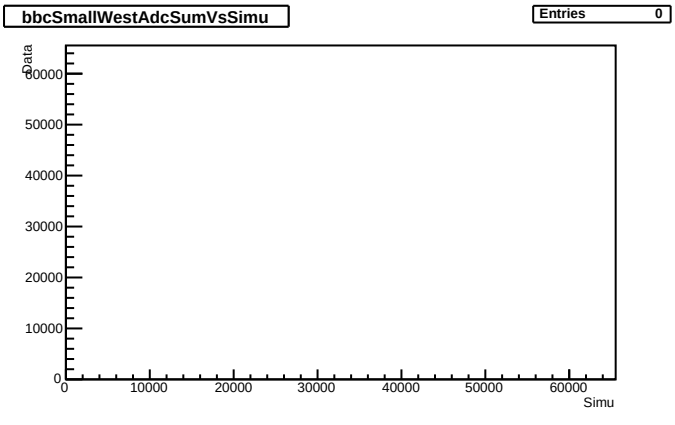
Entries 740635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Entries 0
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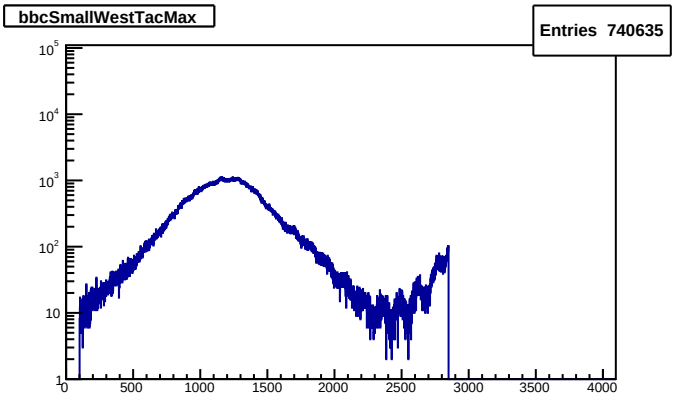
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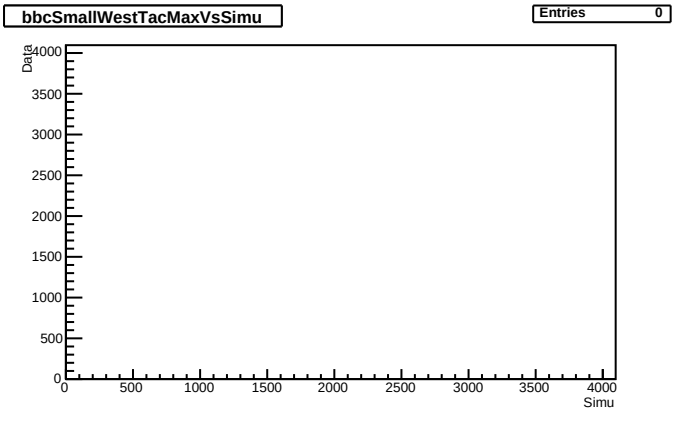
Entries 740635


bbcSmallWestTacMaxVsSimu
Entries 0
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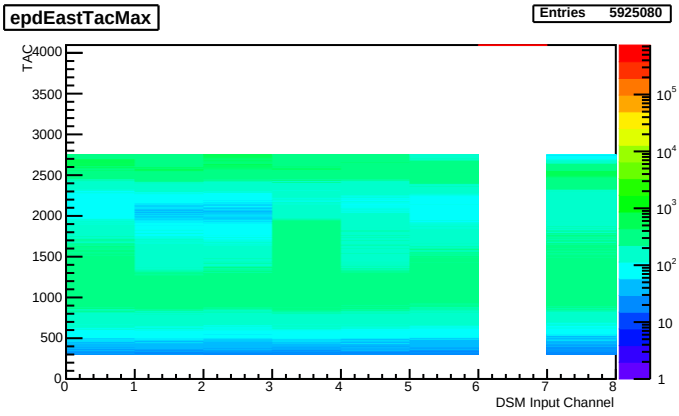
Simu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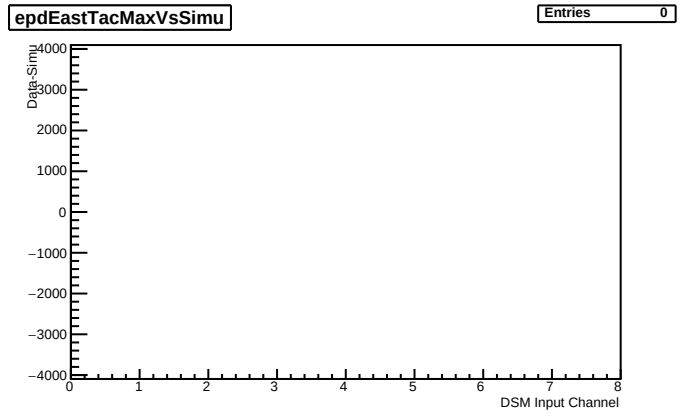
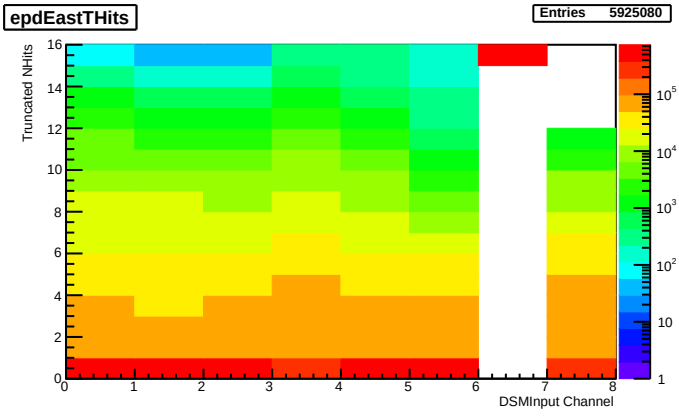
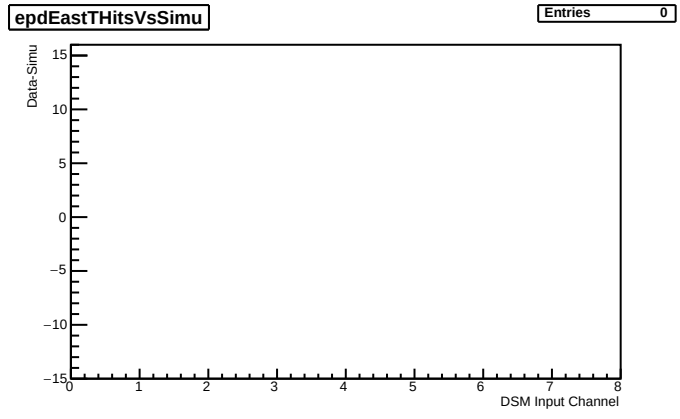
Entries 5925080
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5925080
Truncated NHits
DSMInput Channel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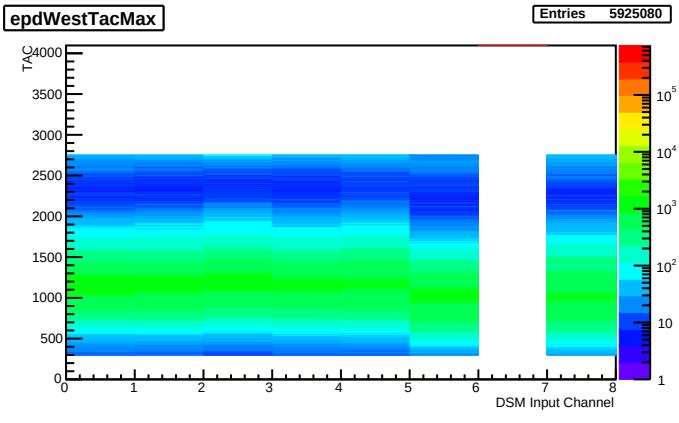
Data-Simu
DSM Input Channel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Entries 5925080
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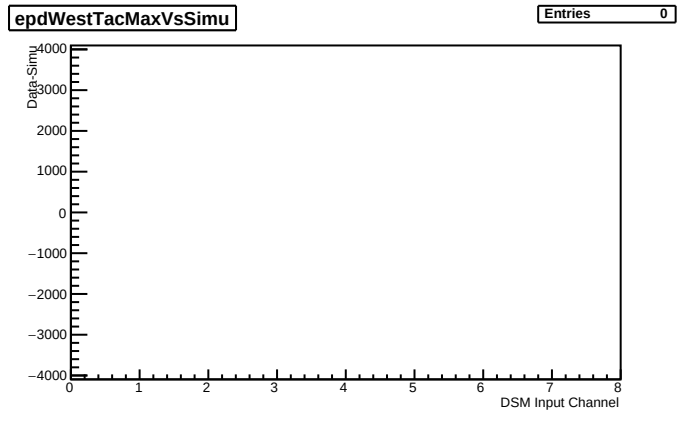
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Entries 0
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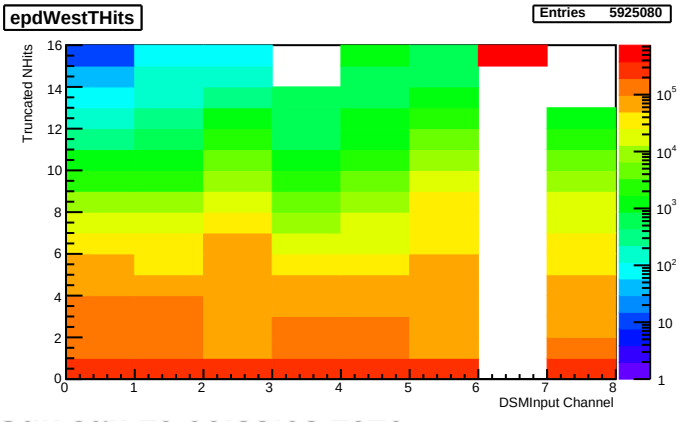
DSM Input Channel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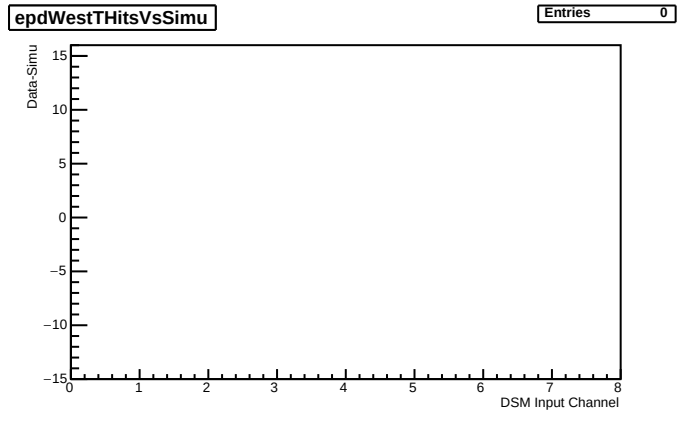
Entries 5925080
Truncated NHits
DSMInput Channel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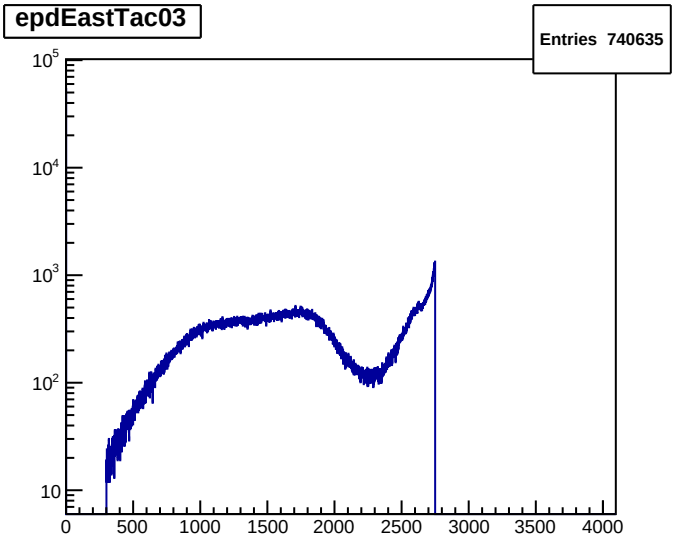
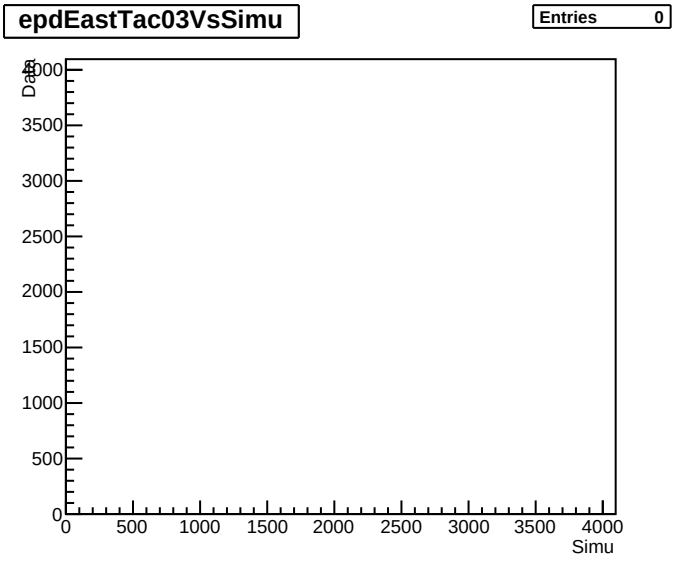
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 740635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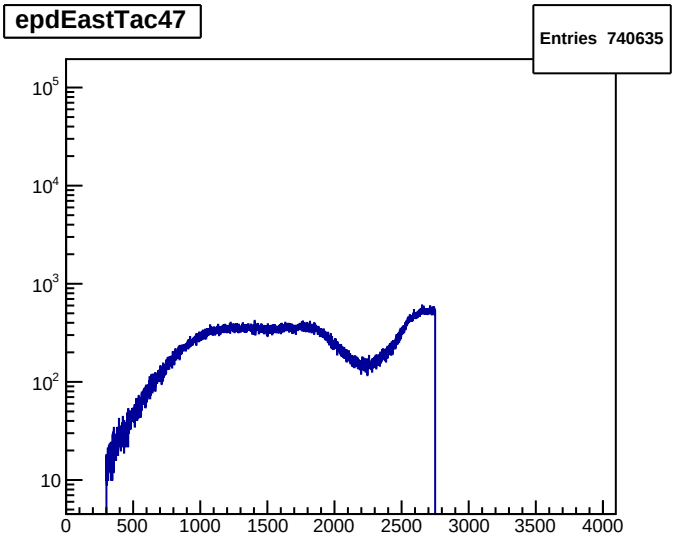
Entries 0
Data
Simu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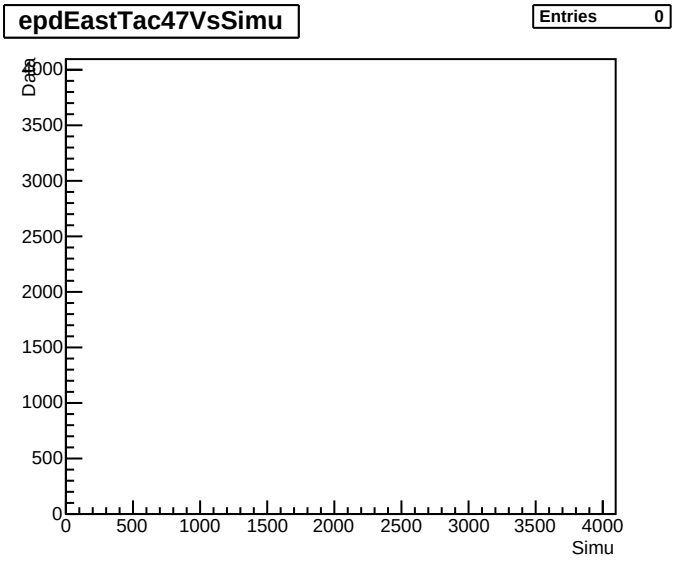
Entries 740635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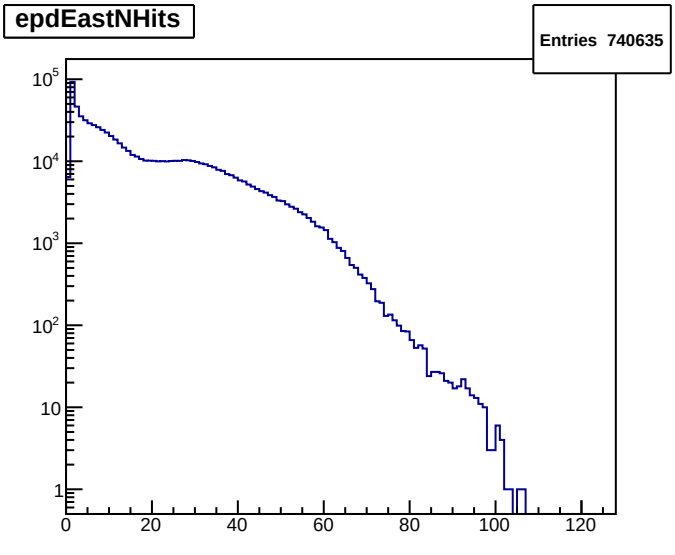
Entries 0
Data
Simu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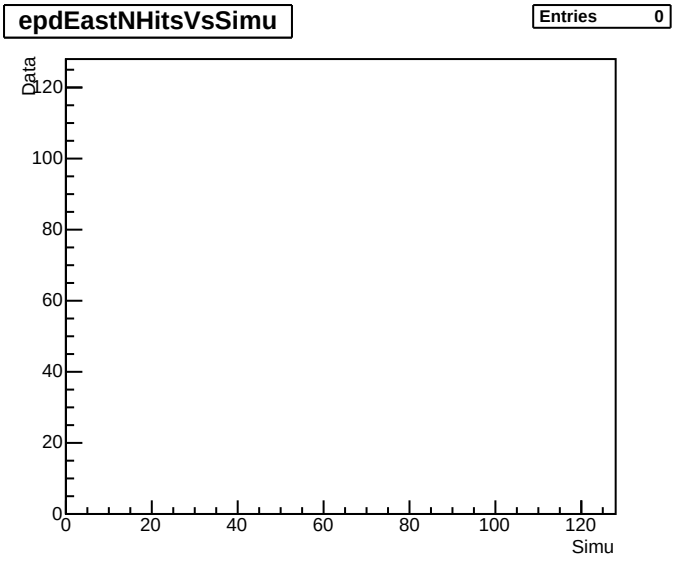
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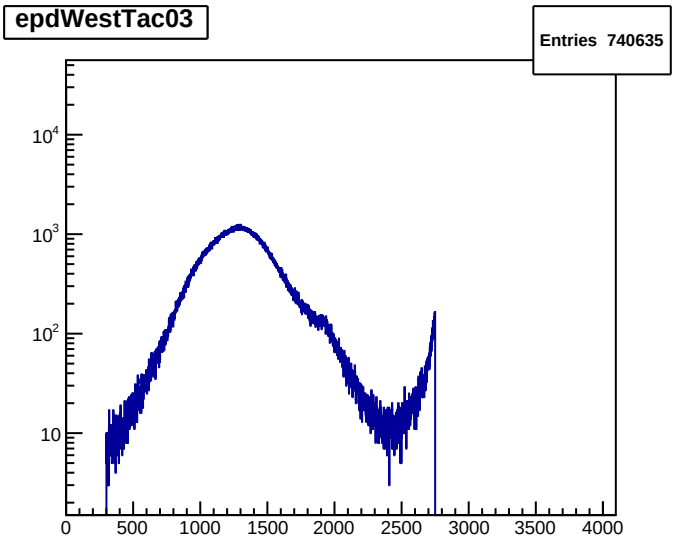
Entries 0
Data
Simu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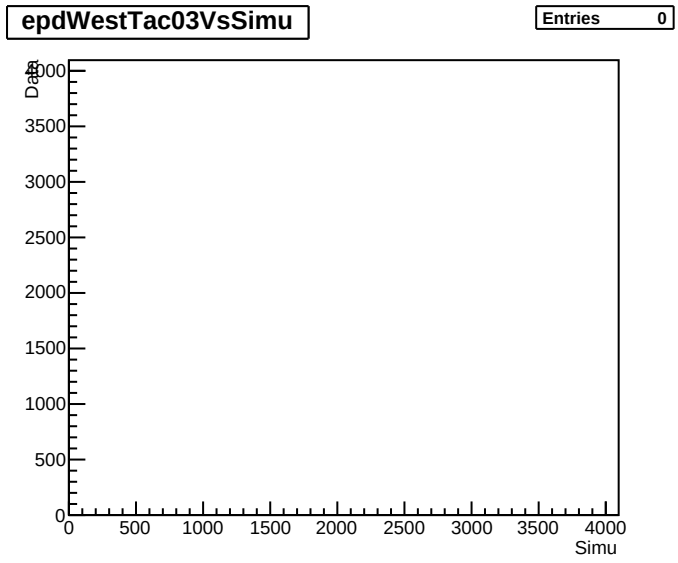
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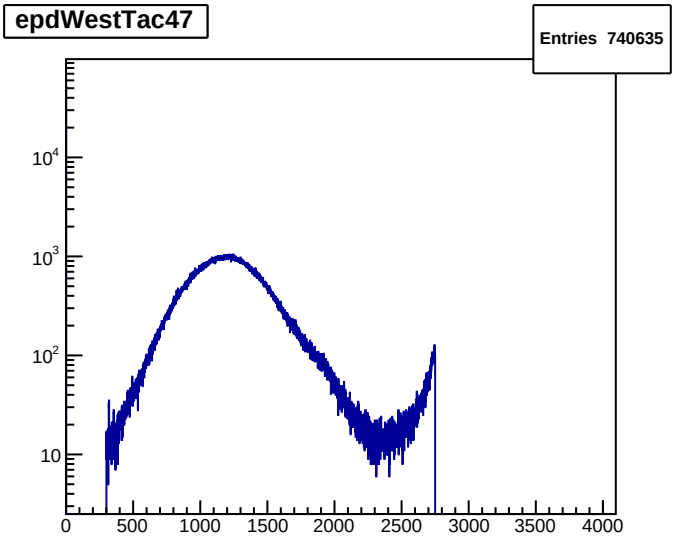
Simu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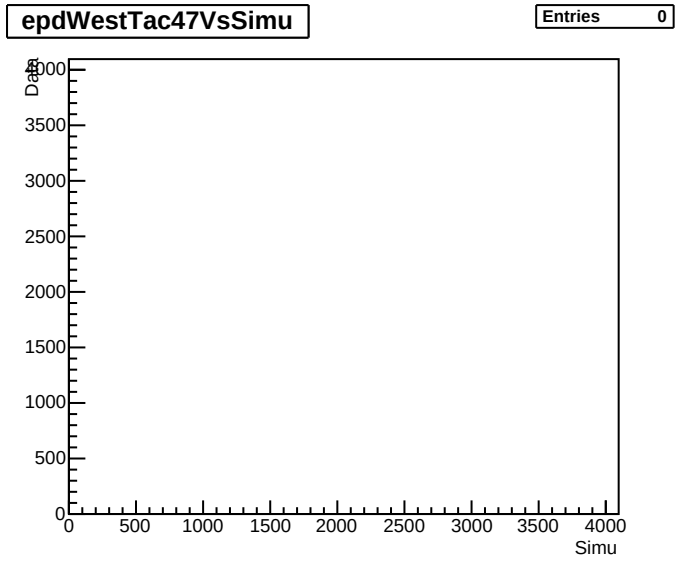
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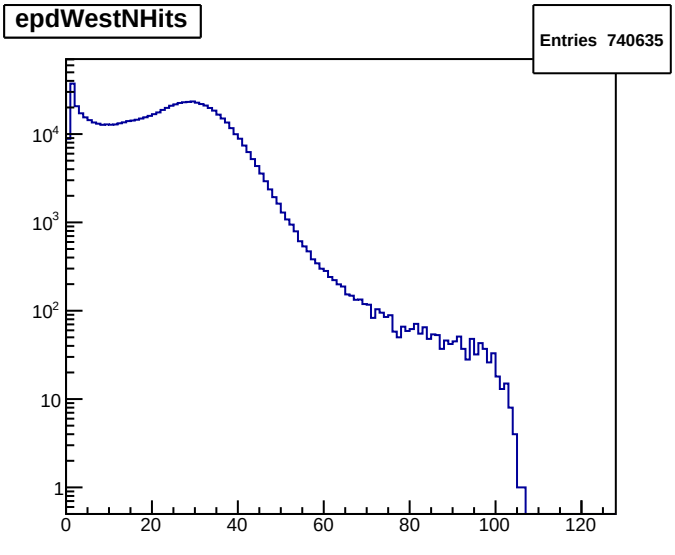
Entries 0
Data
Simu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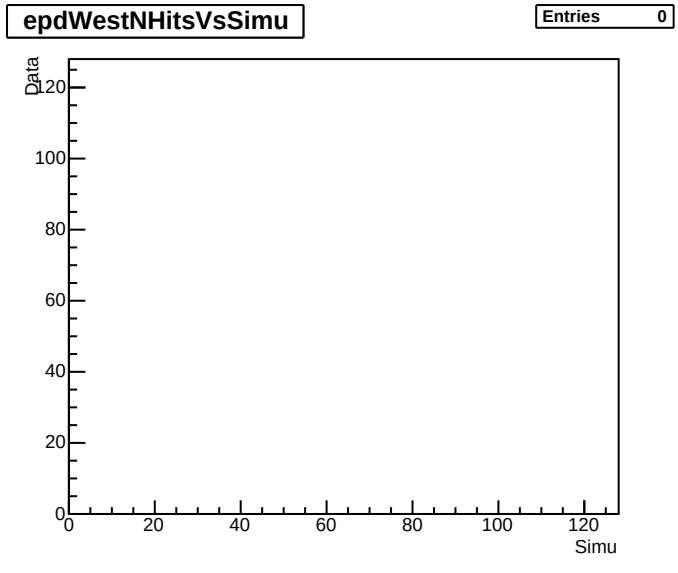
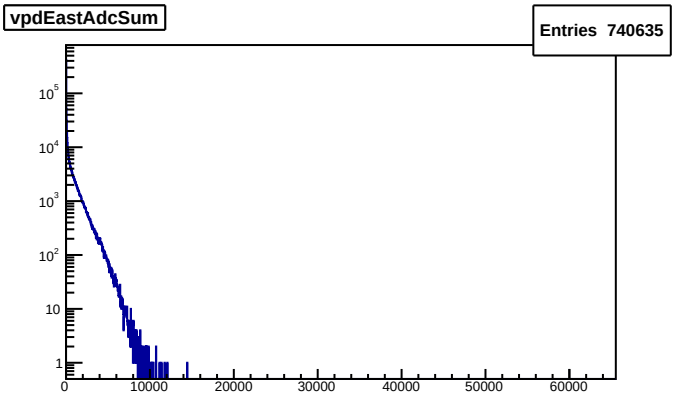
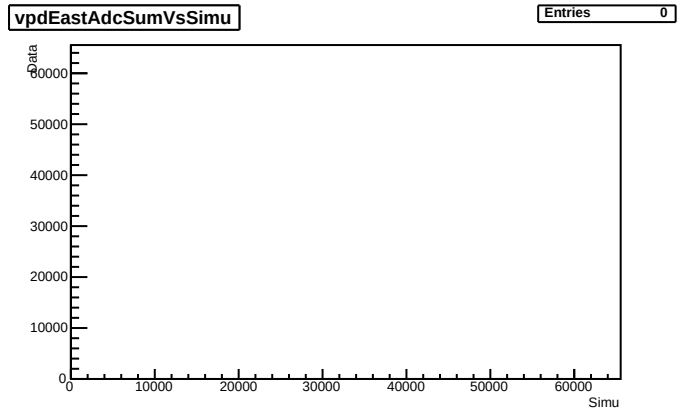
Entries 740635


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 740635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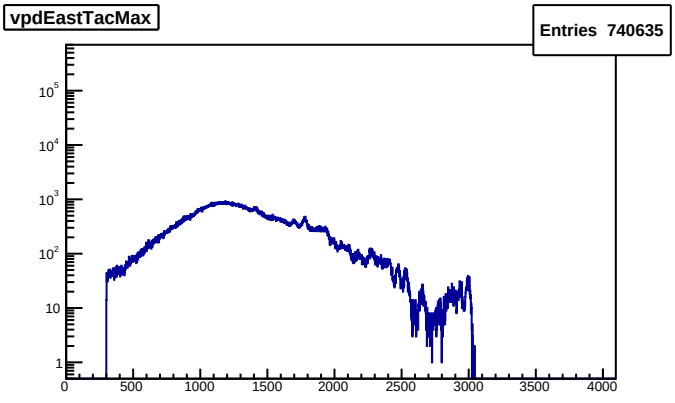
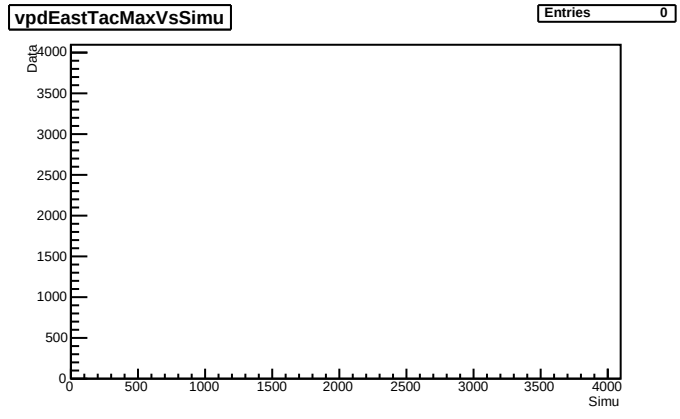
Entries 0
Data
Simu


vpdEastTacMax
Entries 740635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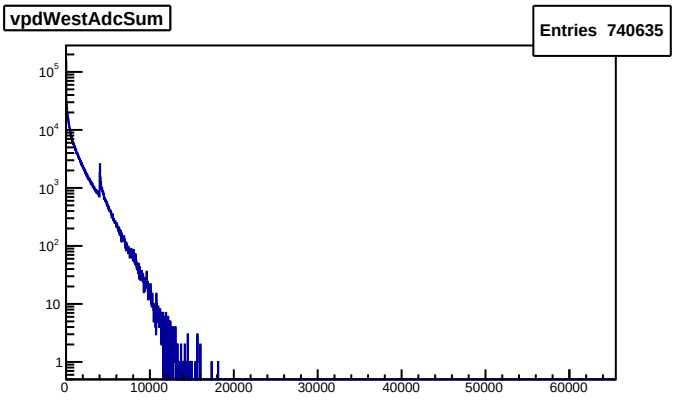
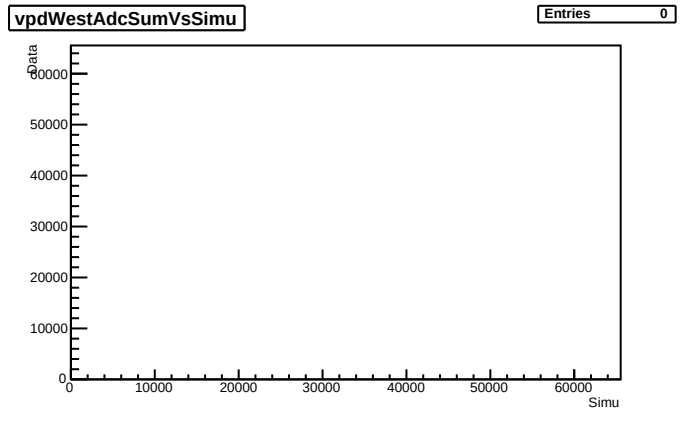
Entries 0
Data
Simu


vpdWestAdcSum
Entries 740635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Entries 0
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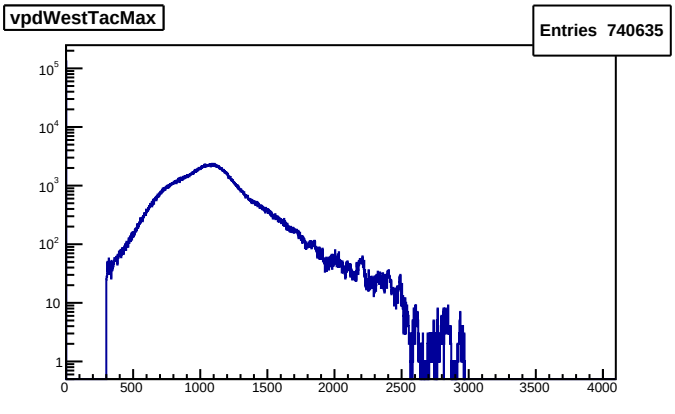
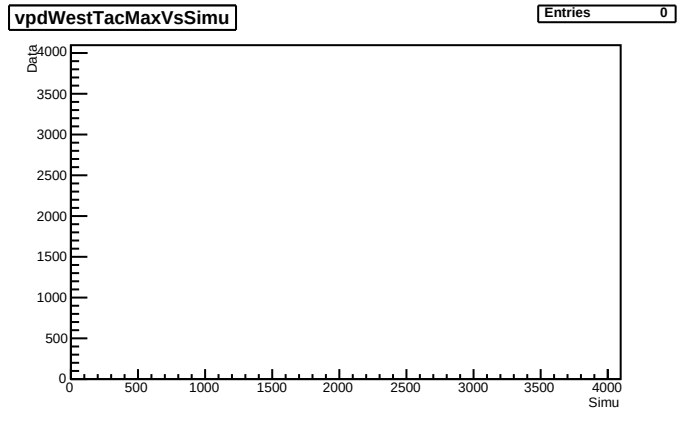
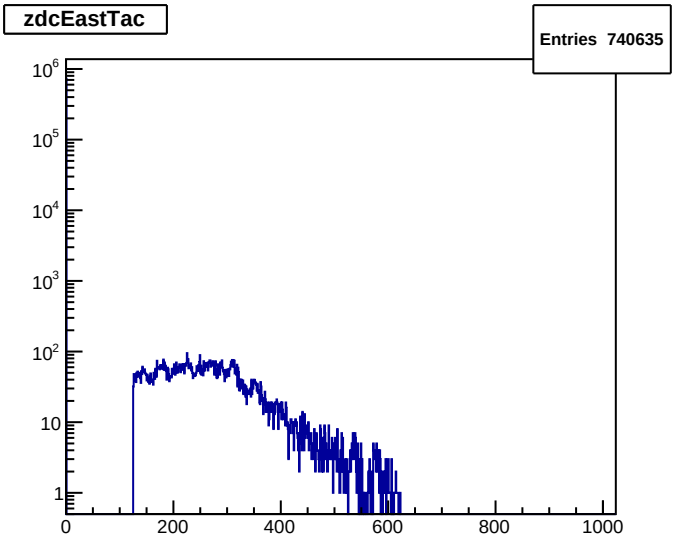
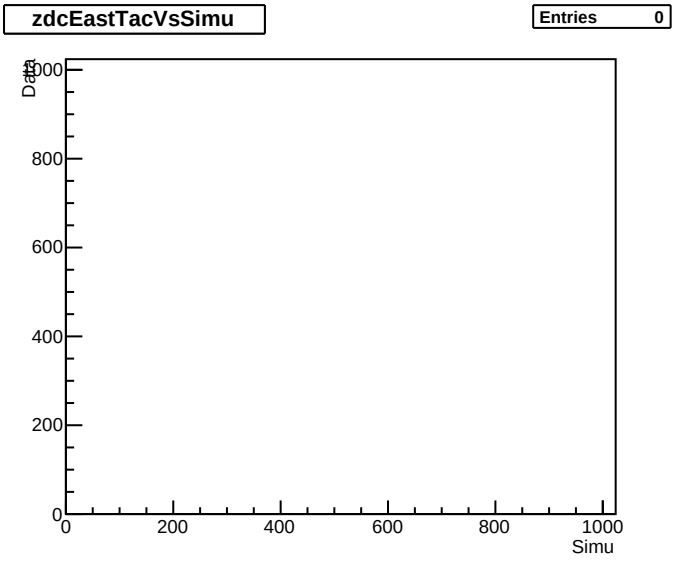
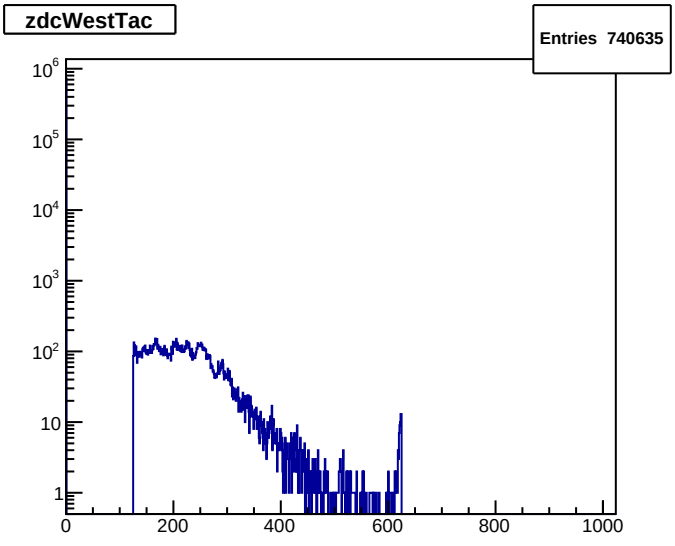
Simu

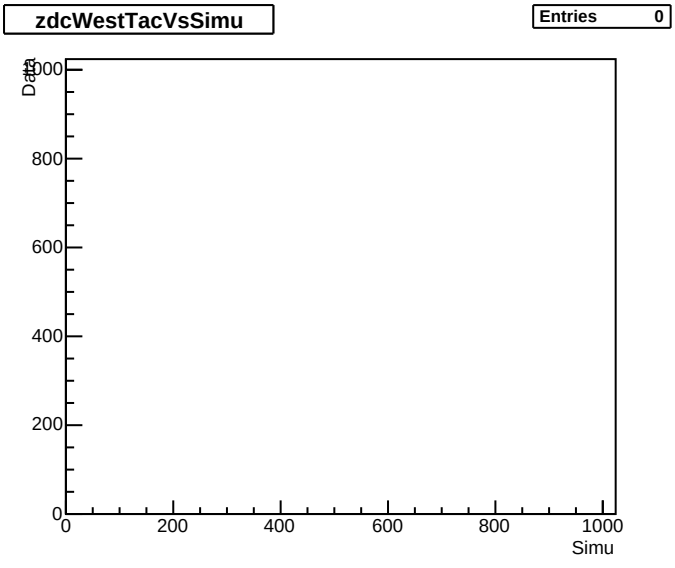

vpdWestTacMax
Entries 740635

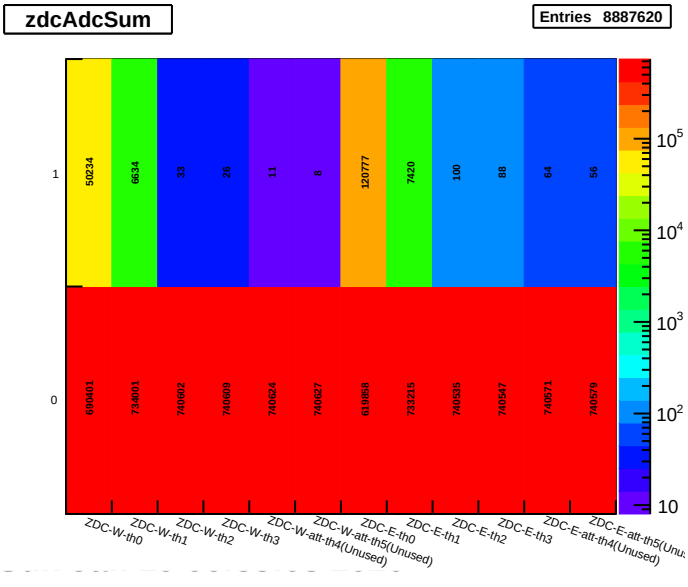

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

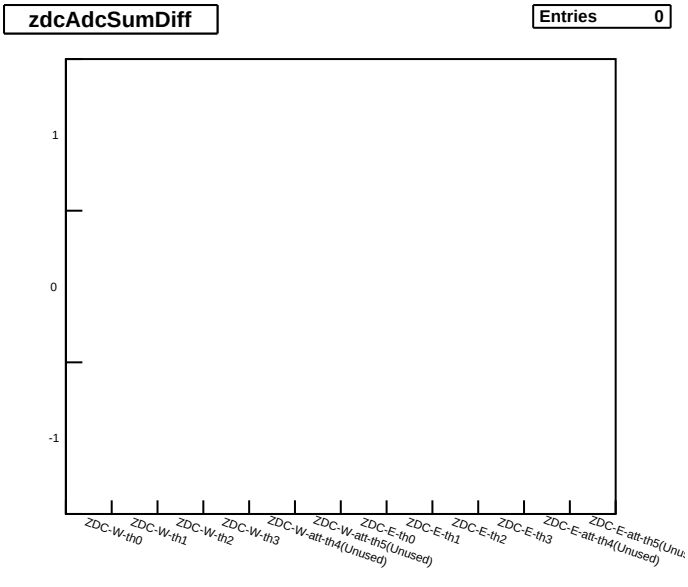

zdcEastTac
Entries 740635

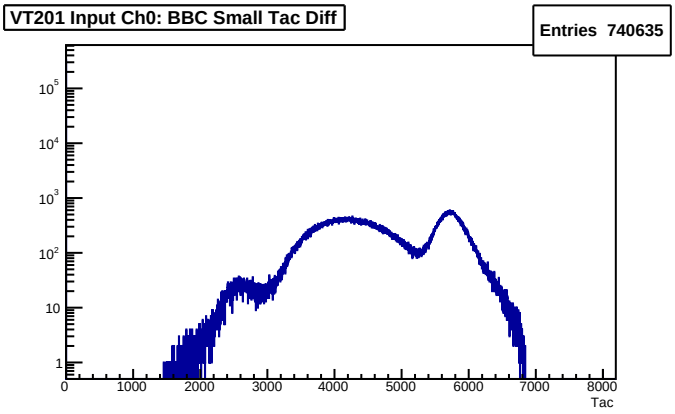

zdcEastTacVsSimu
Entries 0
Data
Simu

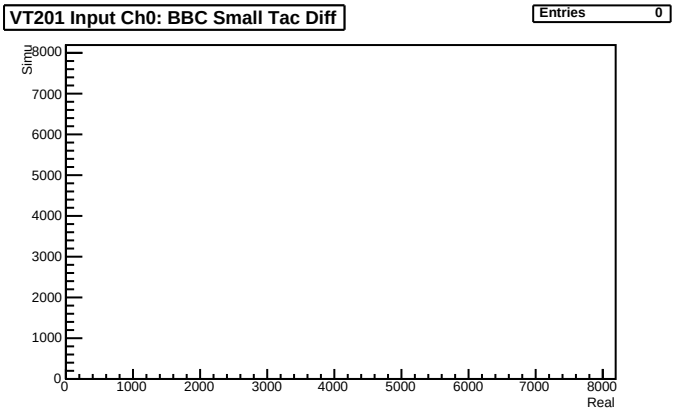

zdcWestTac
Entries 740635

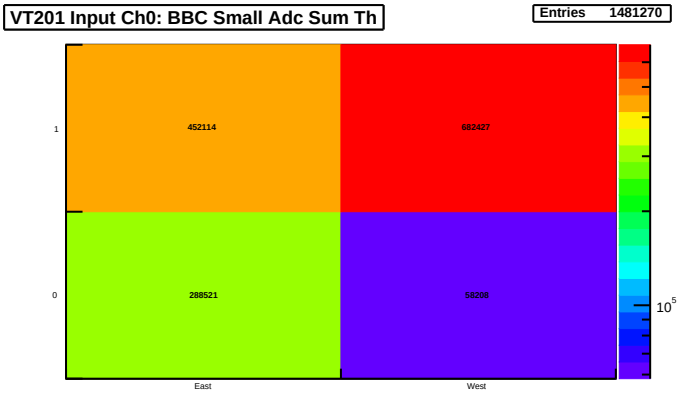

zdcWestTacVsSimu
Entries 0
Data
Simu

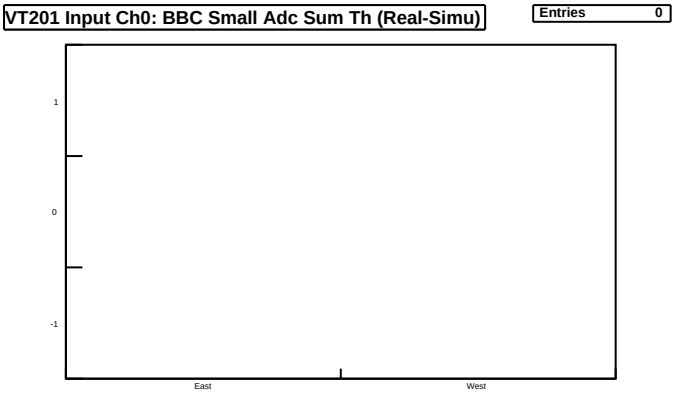

zdcAdcSum
Entries 8887620
50234
6634
33
26
11
8
120777
7420
100
88
64
56
690401
734001
740602
740609
740624
740627
619658
733215
740535
740547
740571
740579
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

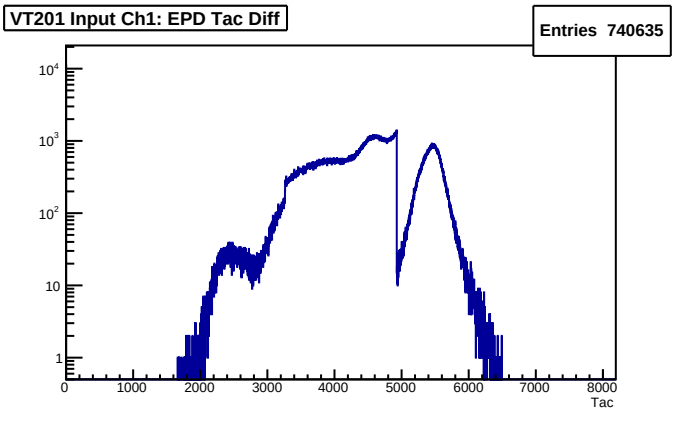

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

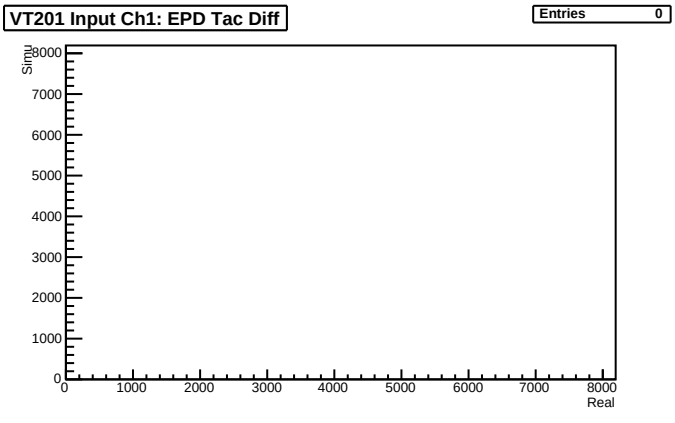

VT201 Input Ch0: BBC Small Tac Diff
Entries 740635
Tac

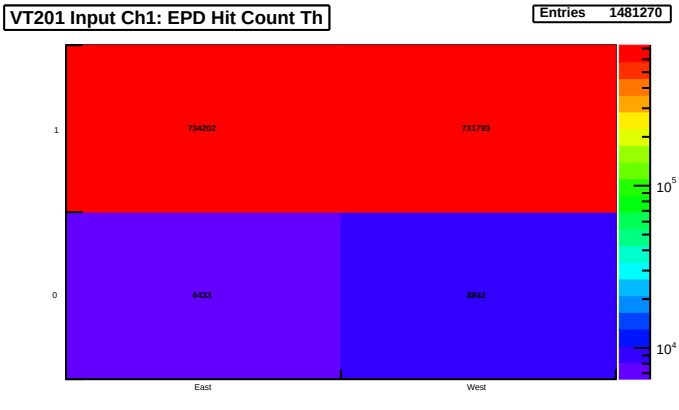

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

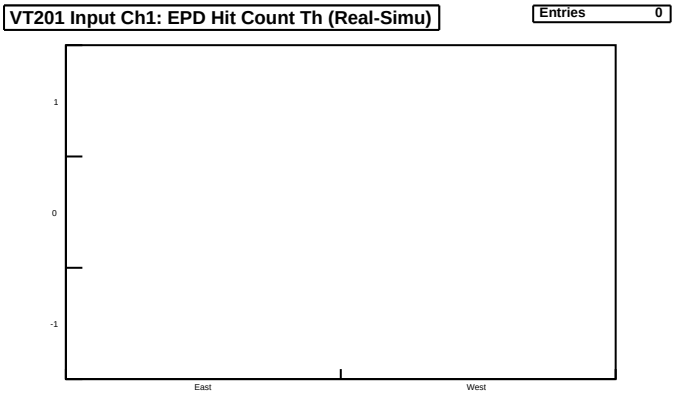

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1481270
452114
682427
288521
58208
East
West

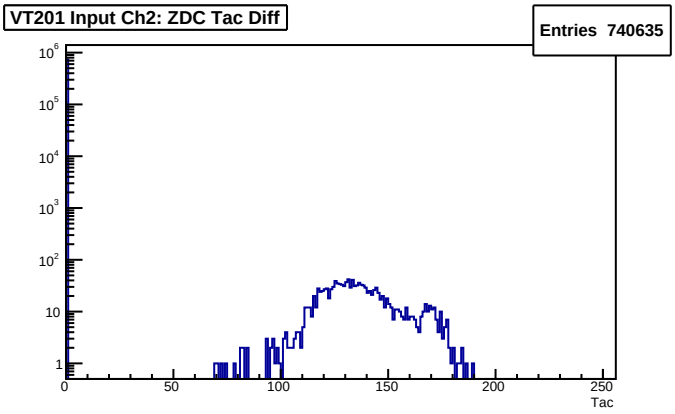

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

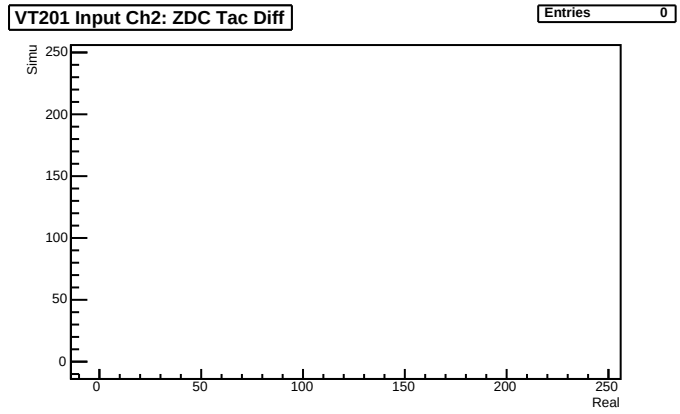

VT201 Input Ch1: EPD Tac Diff
Entries 740635
Tac

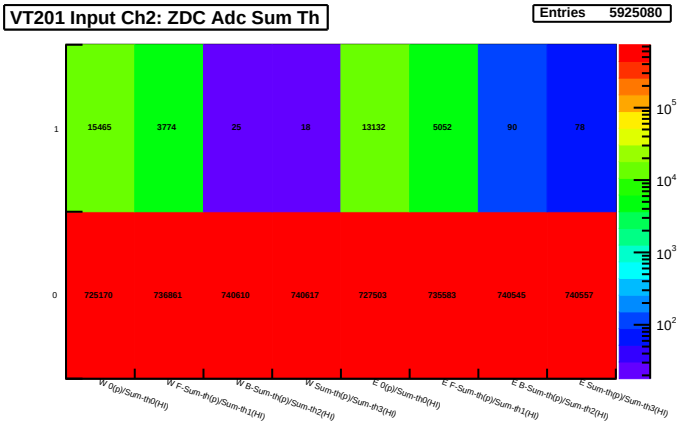

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

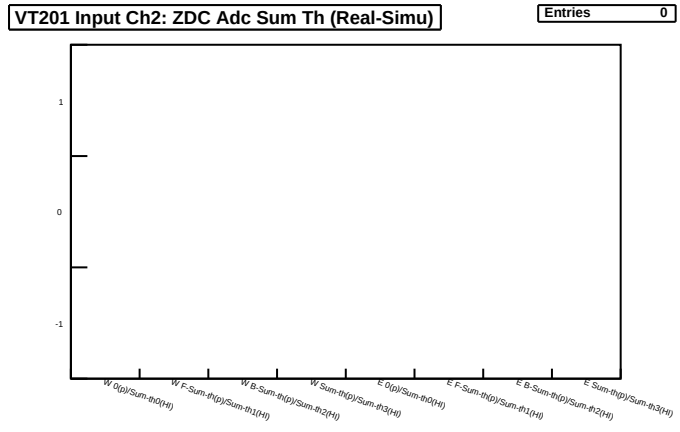

VT201 Input Ch1: EPD Hit Count Th
Entries 1481270
734202
731793
6433
8842
East
West

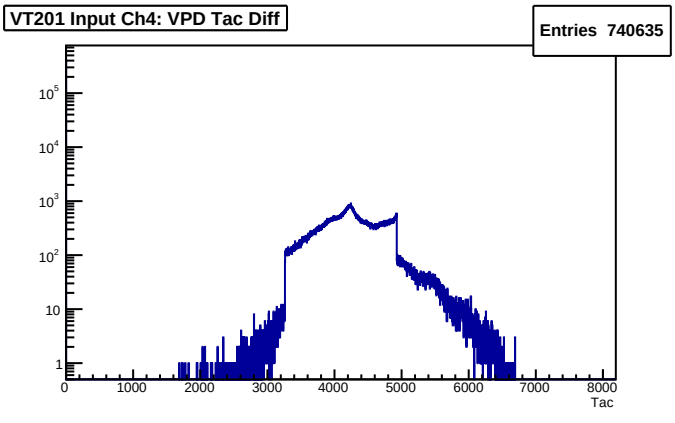

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

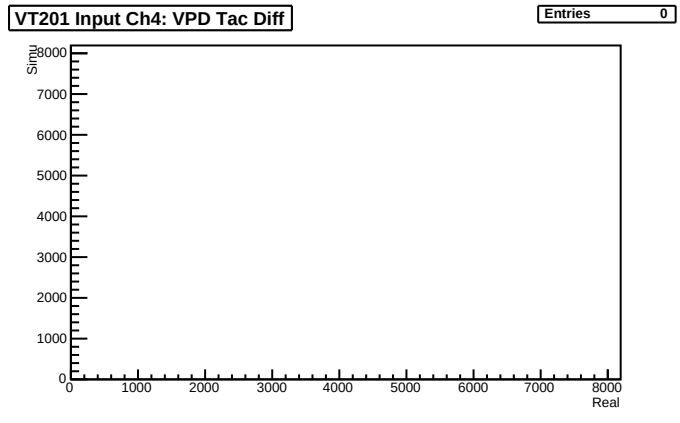

VT201 Input Ch2: ZDC Tac Diff
Entries 740635
Tac

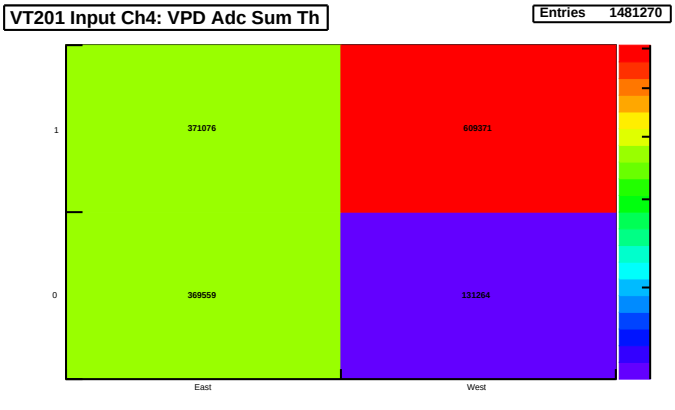

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

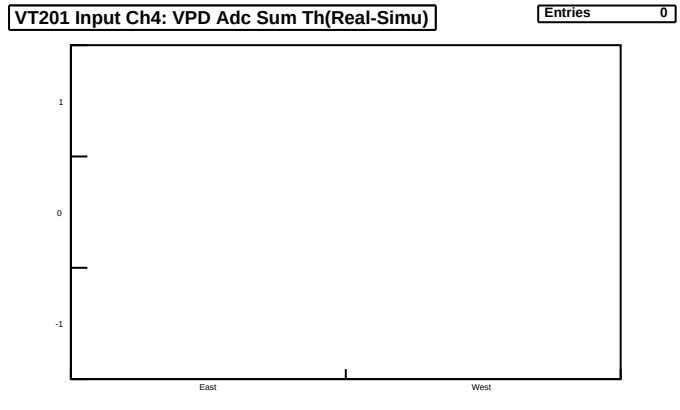

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5925080
15465
3774
25
18
13132
5052
90
78
725170
736861
740610
740617
727503
735583
740545
740557
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

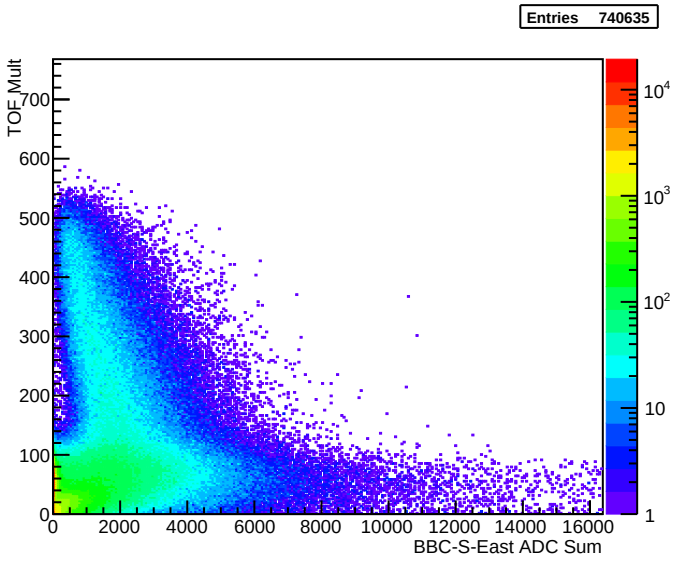

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

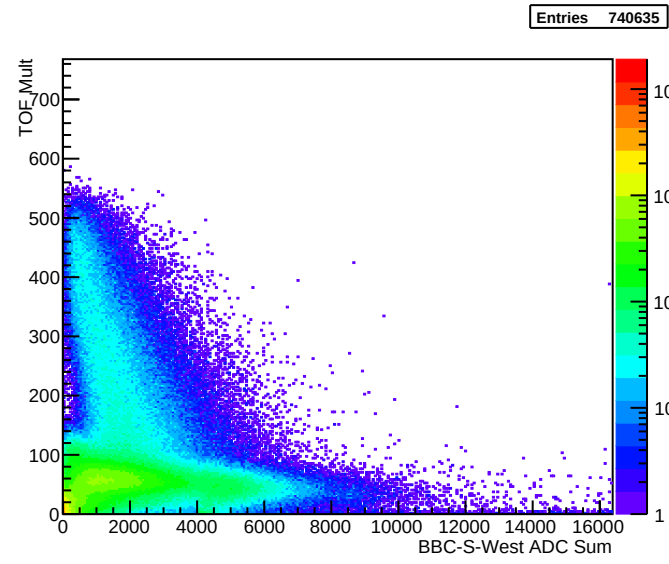

VT201 Input Ch4: VPD Tac Diff
Entries 740635
Tac

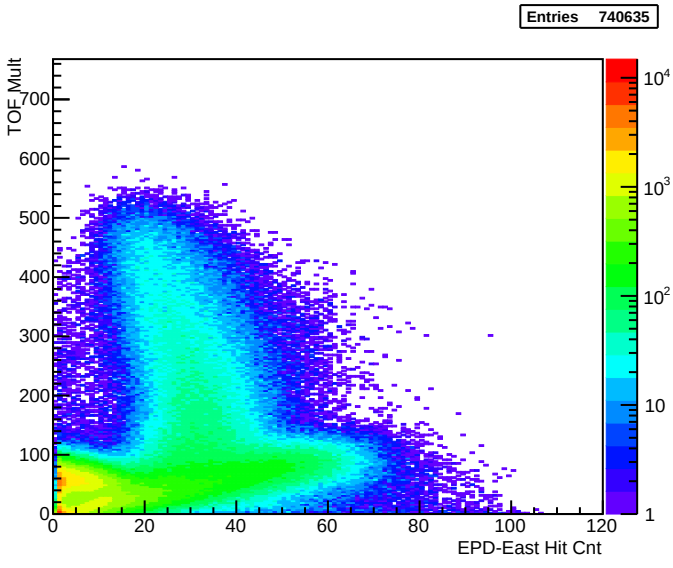

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

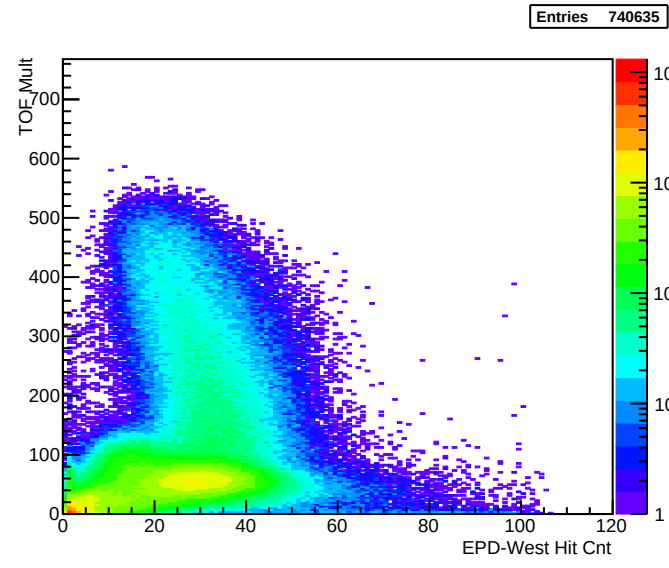

VT201 Input Ch4: VPD Adc Sum Th
Entries 1481270
371076
609371
369559
131264
East
West

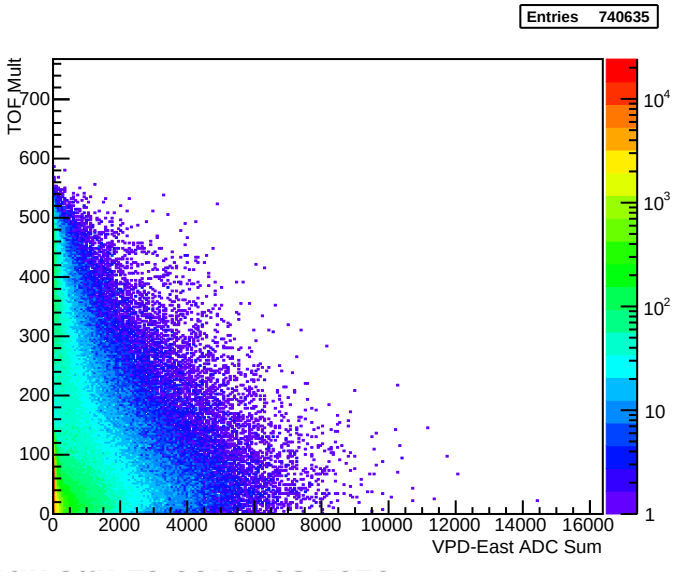

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

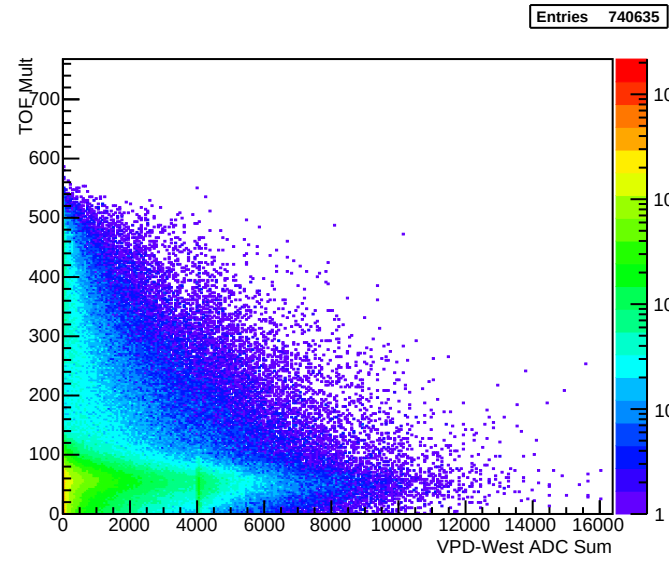

Entries 740635
TOF_Mult
BBC-S-East ADC Sum

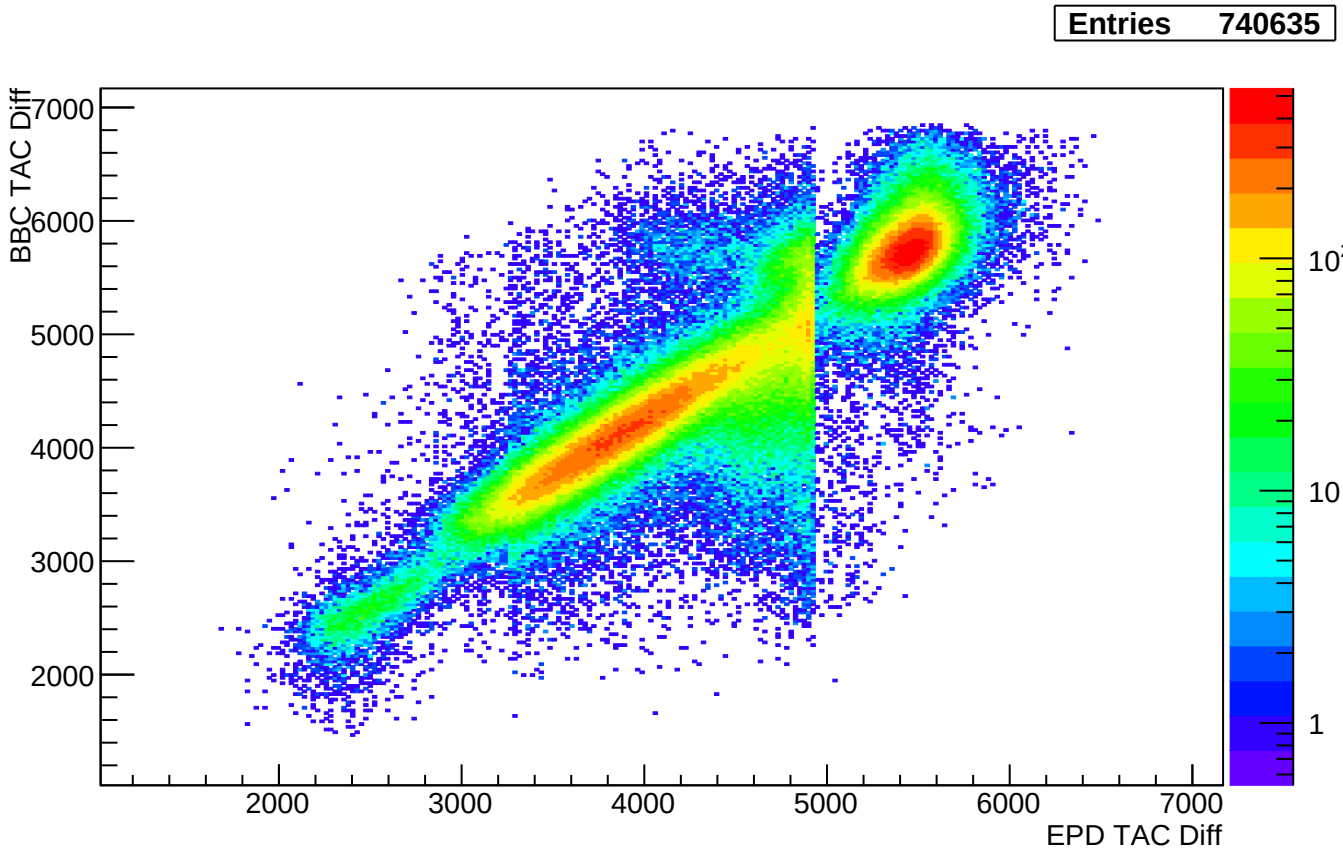

Entries 740635
TOF_Mult
BBC-S-West ADC Sum

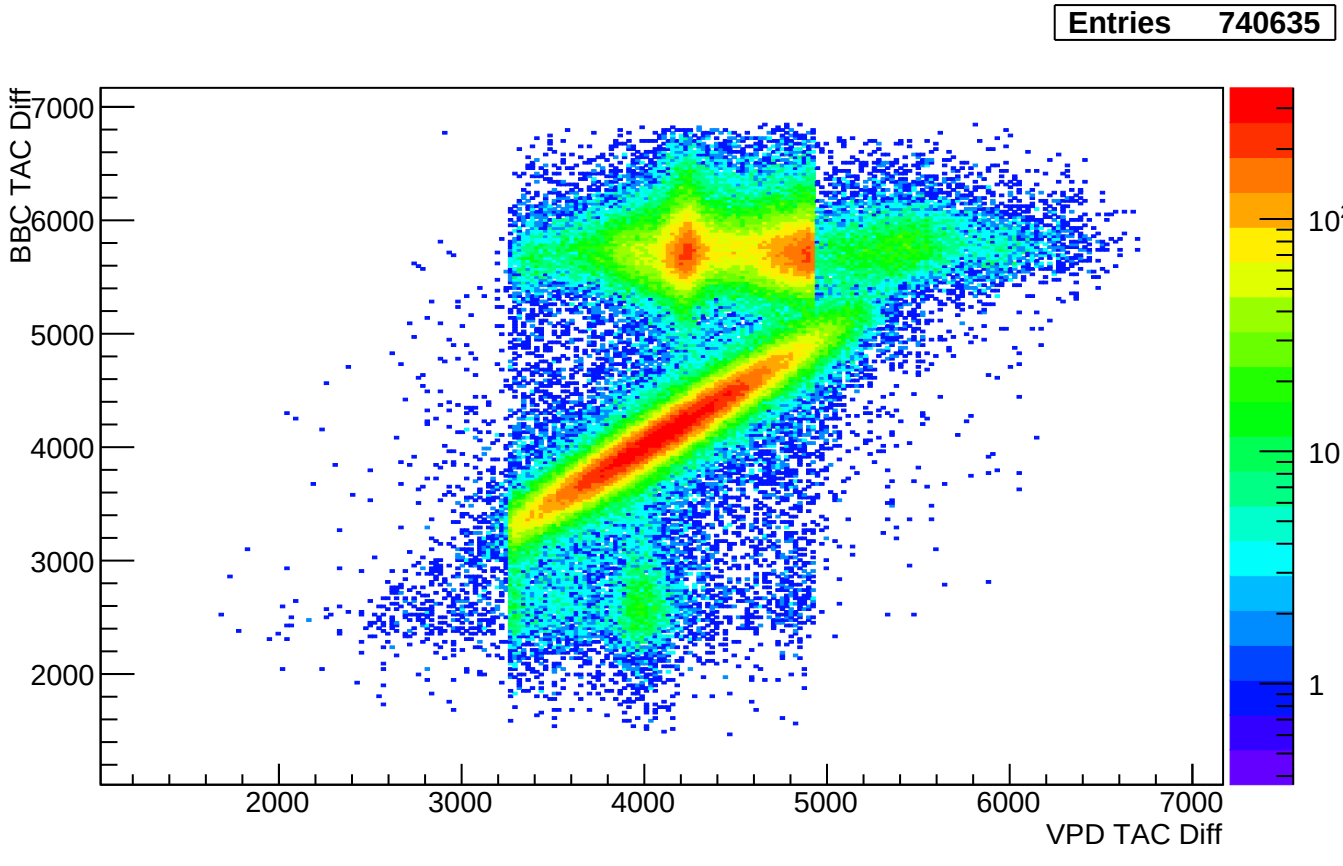

Entries 740635
TOF_Mult
EPD-East Hit Cnt

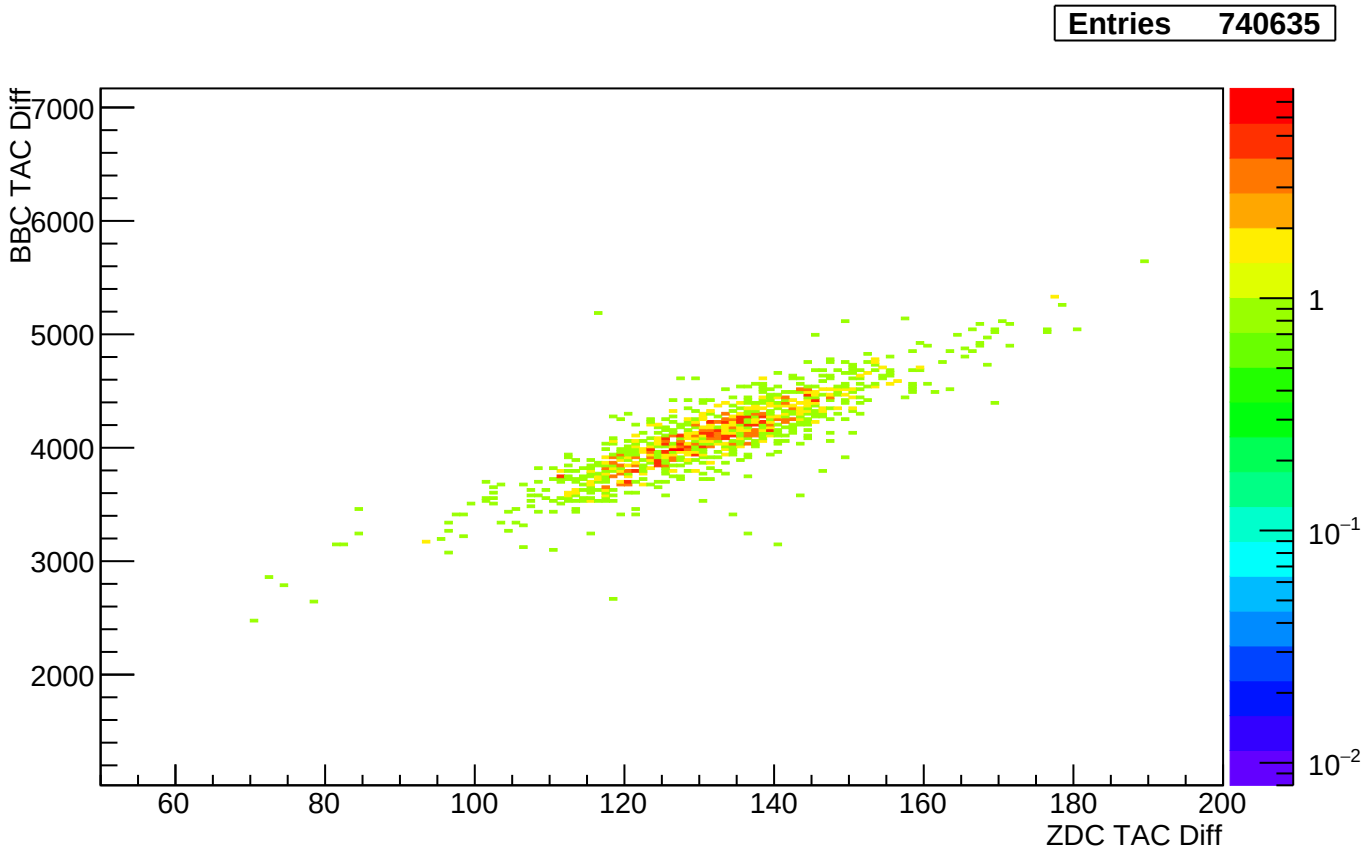

Entries 740635
TOF_Mult
EPD-West Hit Cnt

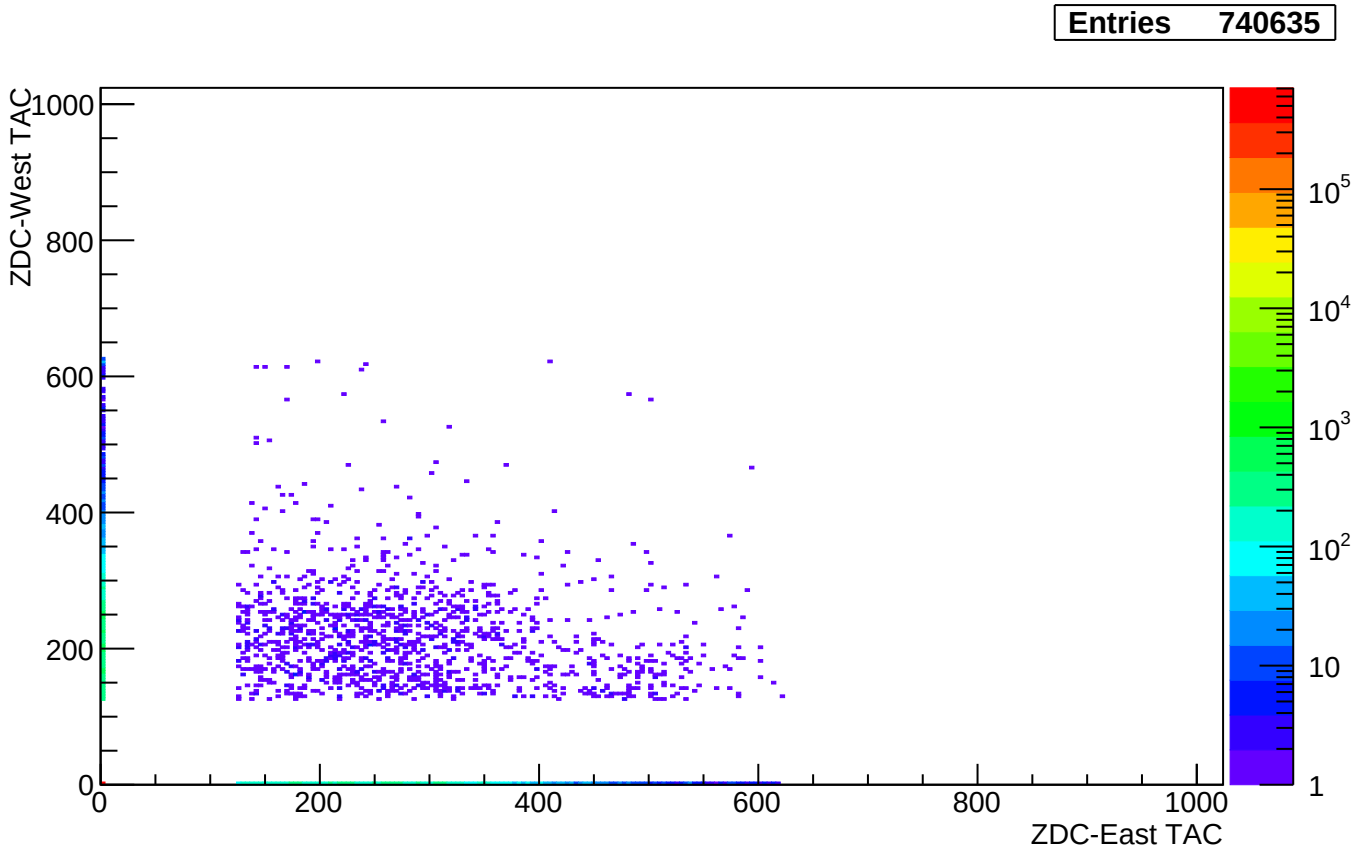

Entries 740635
TOF_Mult
VPD-East ADC Sum

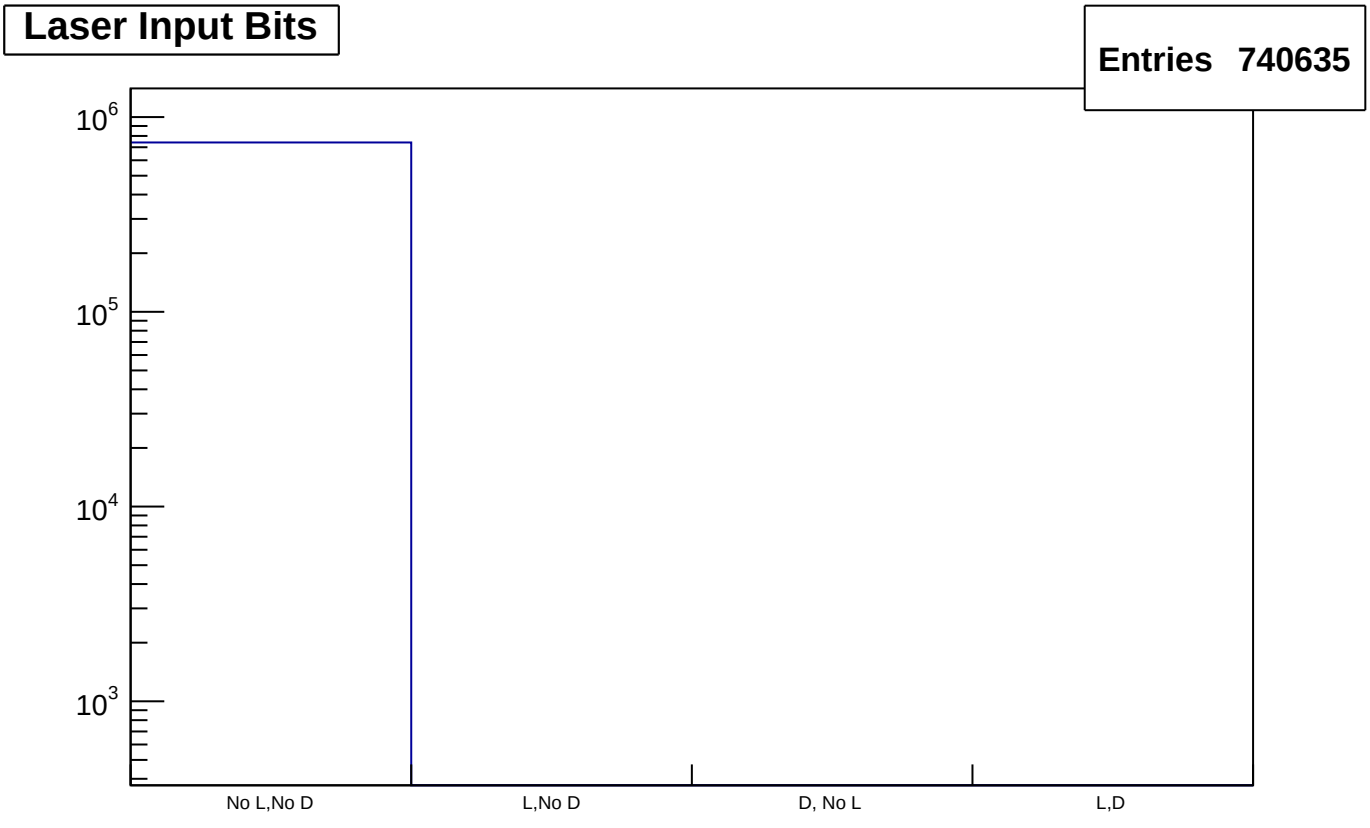

Entries 740635
TOF_Mult
VPD-West ADC Sum

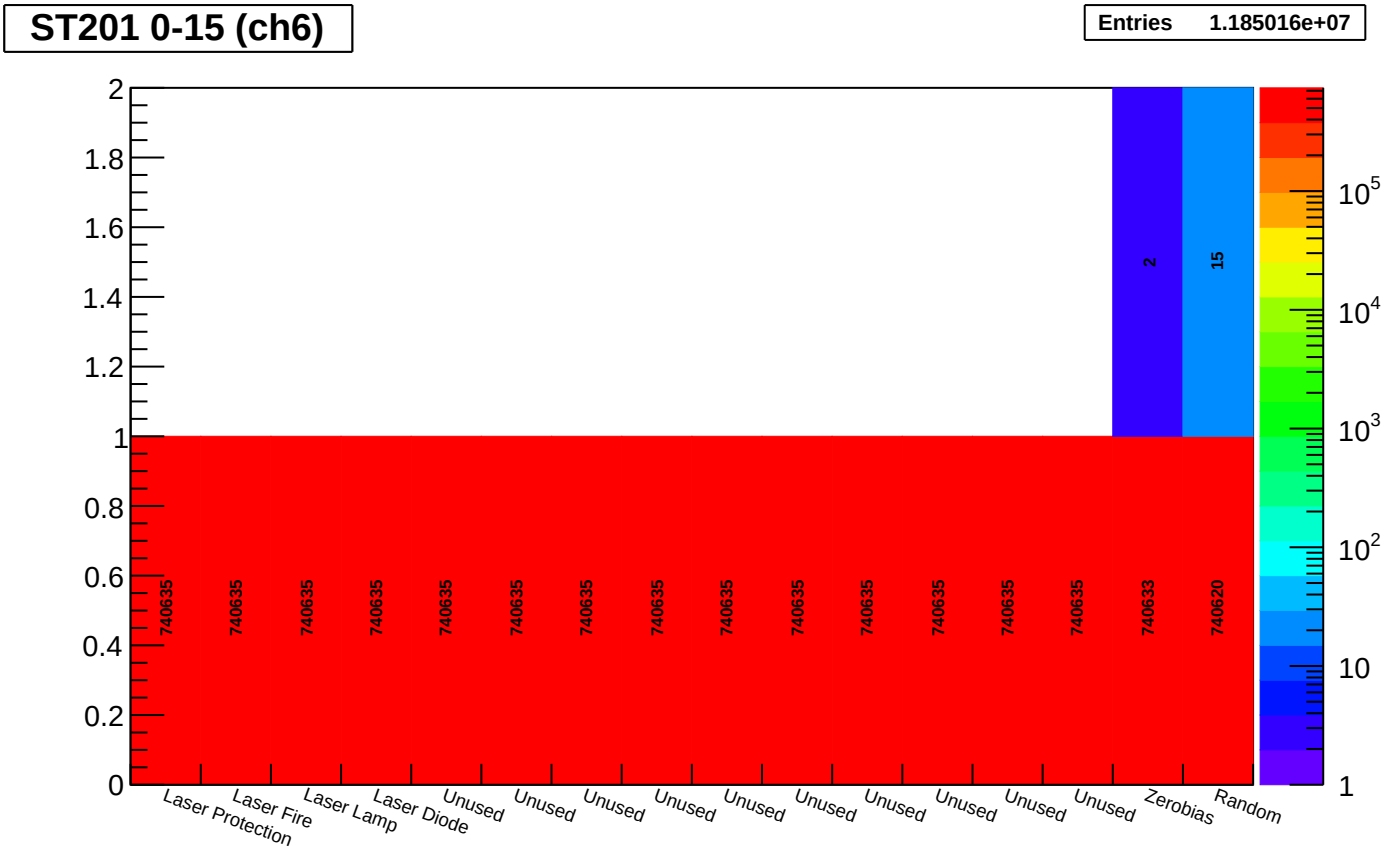

Entries 740635
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
$10^2$
10
1

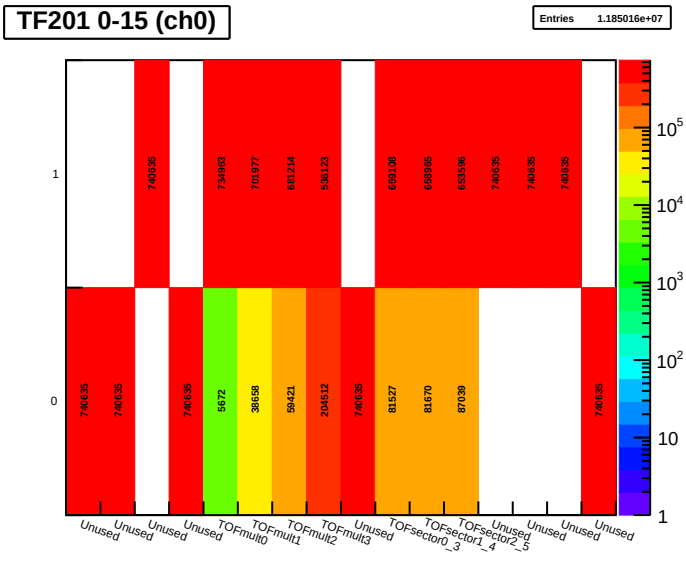

Entries 740635
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
$10^2$
10
1

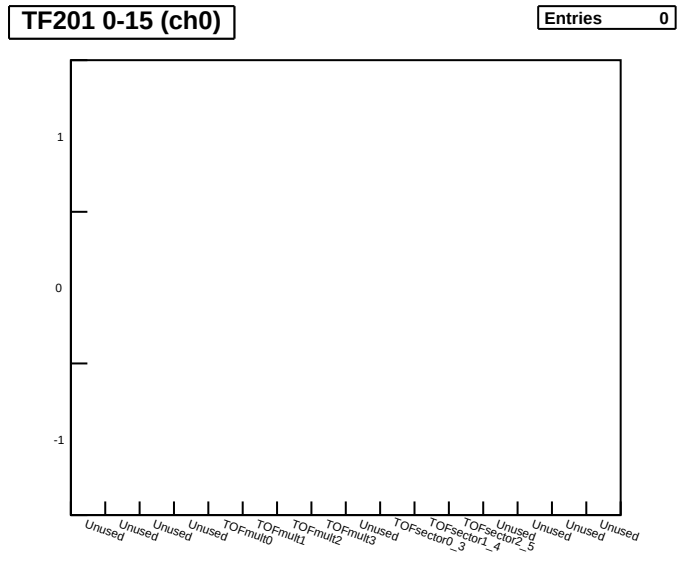

Entries 740635
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
$10^{-1}$
$10^{-2}$

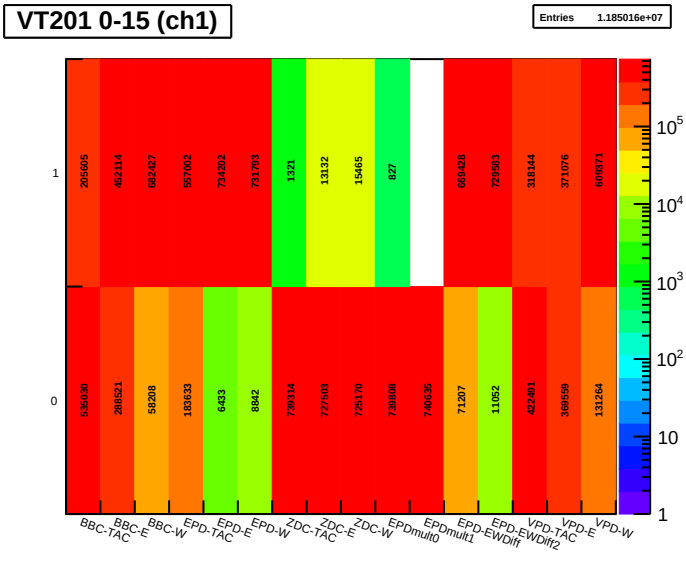

Entries 740635
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

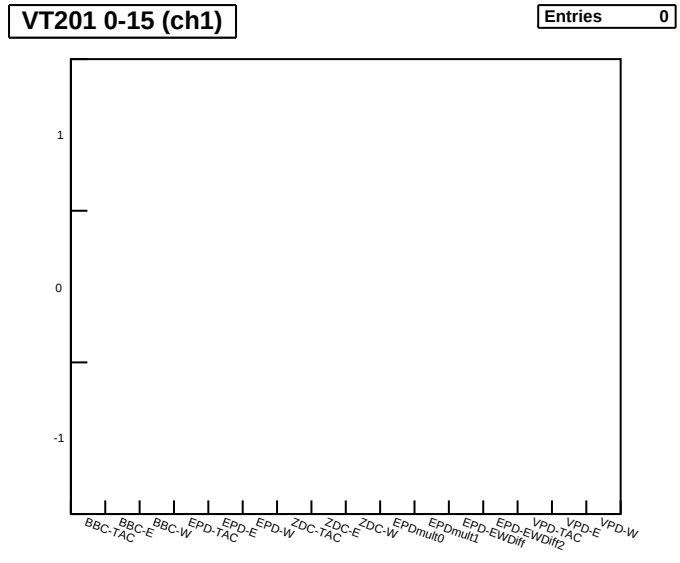

Laser Input Bits
Entries 740635
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

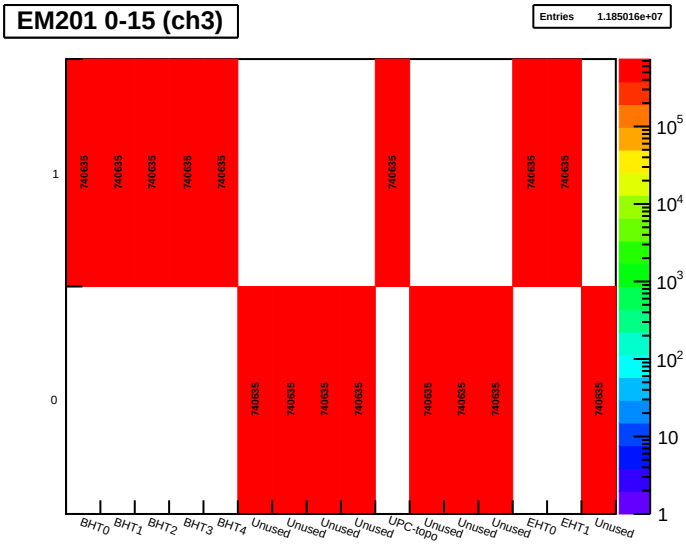

ST201 0-15 (ch6)
Entries 1.185016e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
740635
740635
740635
740635
740635
740635
740635
740635
740635
740635
740635
740635
740635
740635
740633
740620
2
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

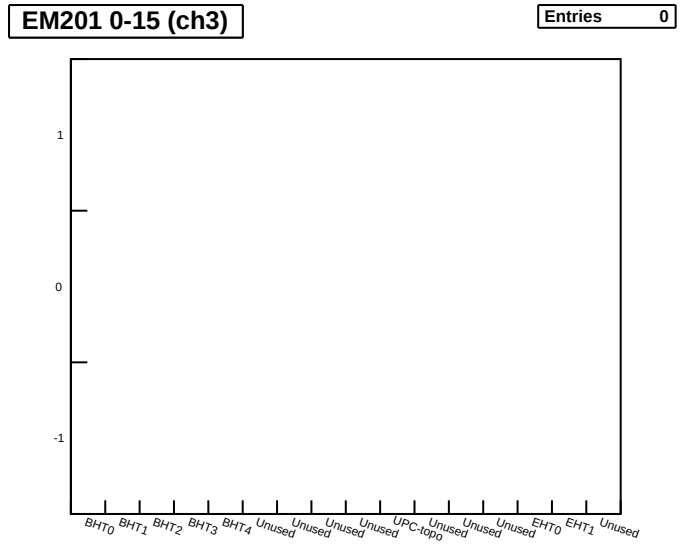

TF201 0-15 (ch0)
Entries 1.185016e+07
1
0
740635 740635 740635 734963 701977 681214 536123 659108 659965 633596 740635 740635 740635
740635 740635 740635 5672 38658 59421 204512 740635 81527 81670 87039 740635
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 1.185016e+07
1
0
205605 452114 682427 557002 734202 731793 1321 13132 15465 827 669428 729583 318144 371076 608371
535030 288521 58208 183633 6433 8842 739314 727503 725170 739808 740635 71207 11062 422461 369559 131264
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 1.185016e+07
1
0
740635 740635 740635 740635 740635 740635 740635 740635
740635 740635 740635 740635 740635 740635 740635 740635
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