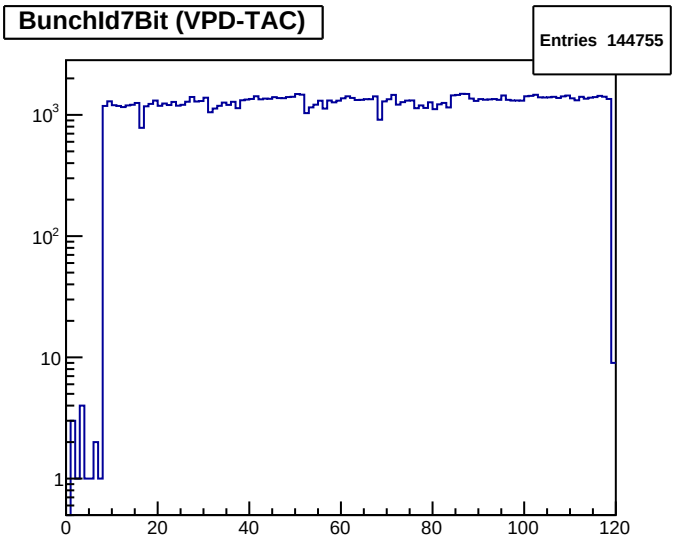
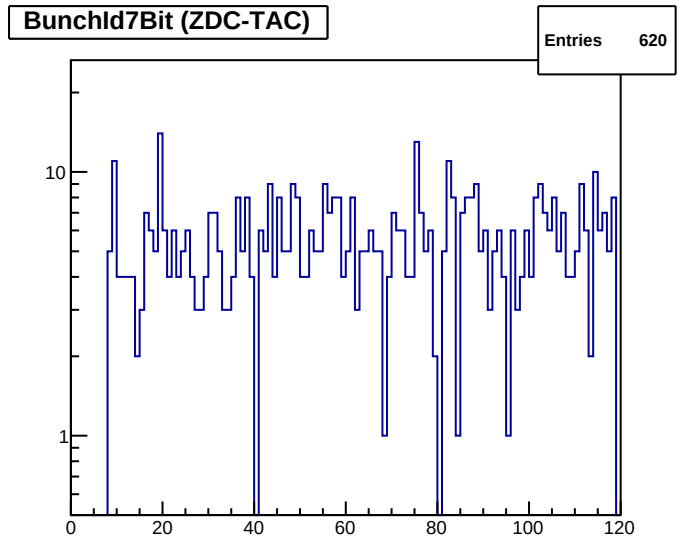
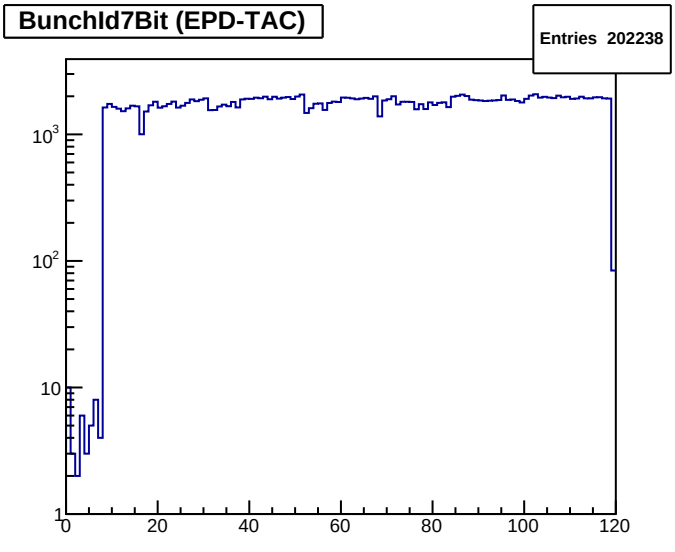
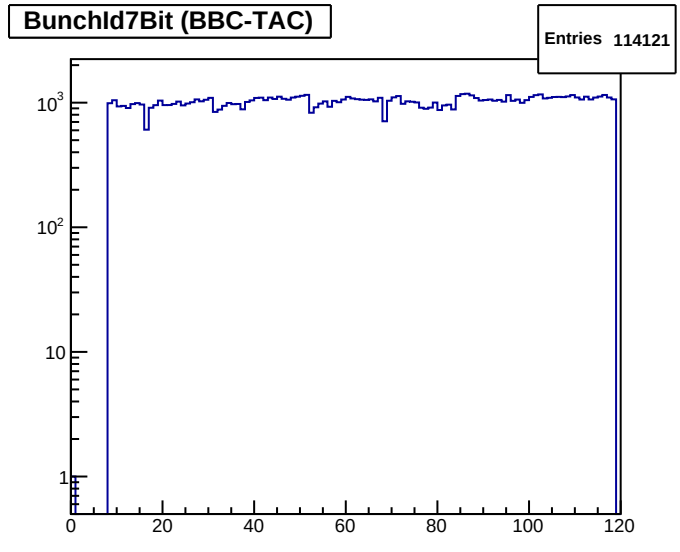
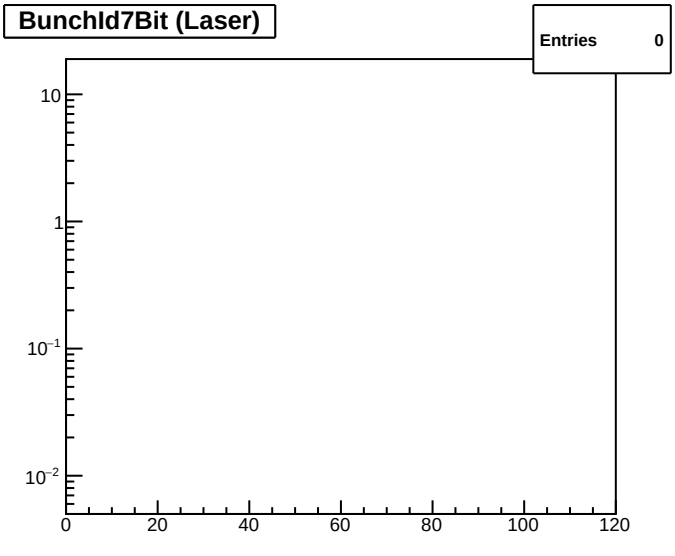
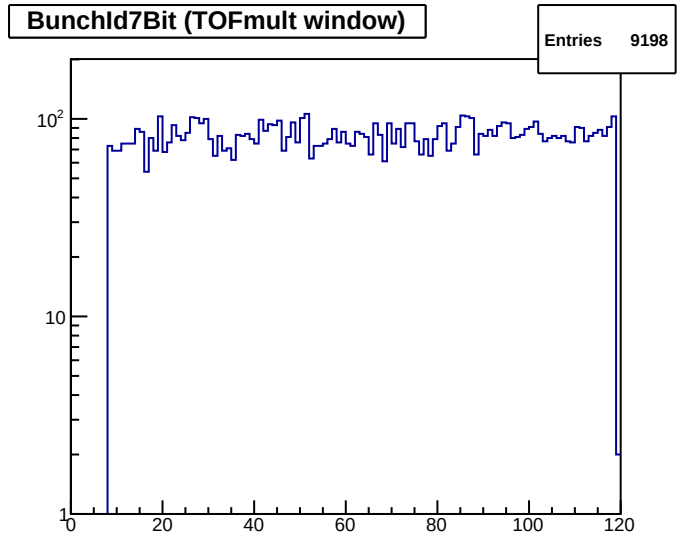

BunchId7Bit (VPD-TAC)
Entries 144755

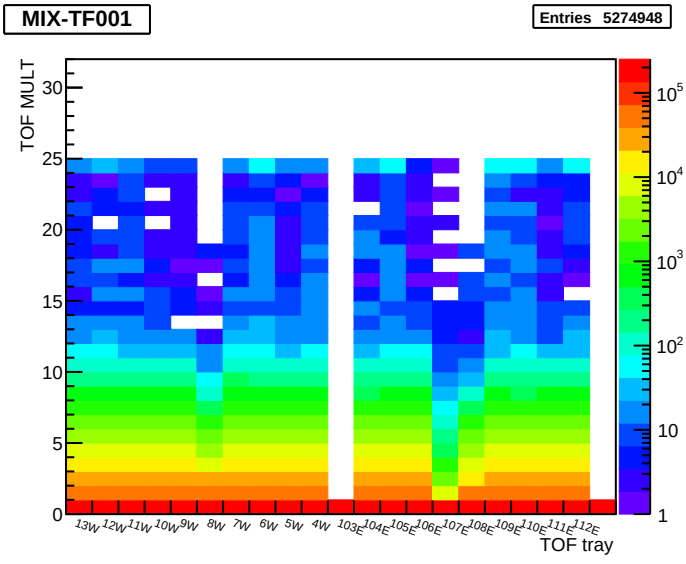

BunchId7Bit (ZDC-TAC)
Entries 620

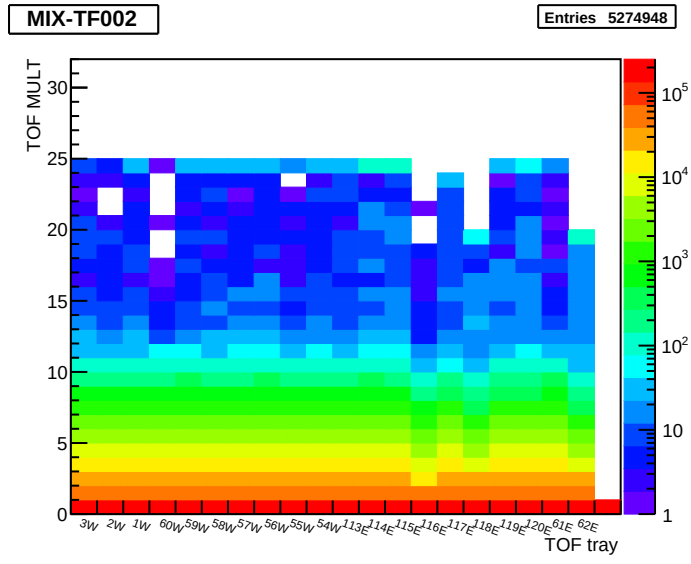

BunchId7Bit (EPD-TAC)
Entries 202238

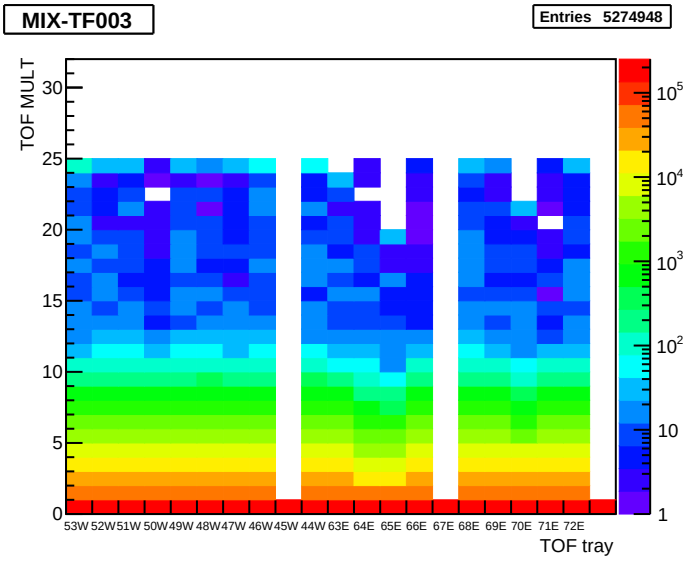

BunchId7Bit (BBC-TAC)
Entries 114121

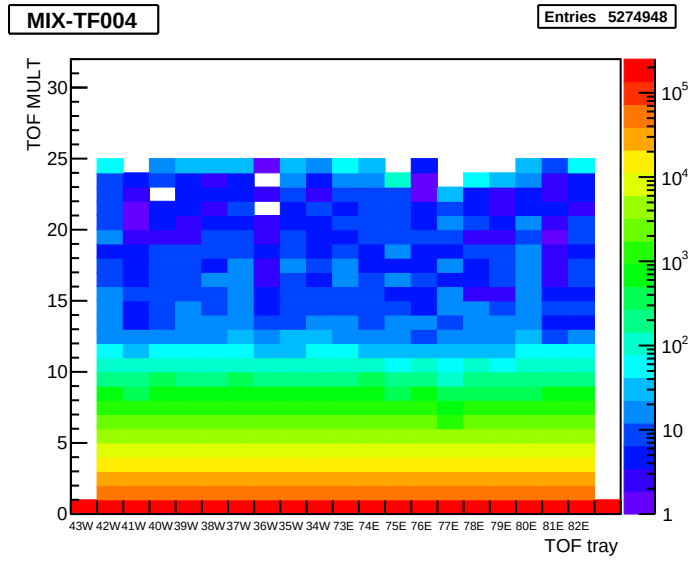

BunchId7Bit (Laser)
Entries 0

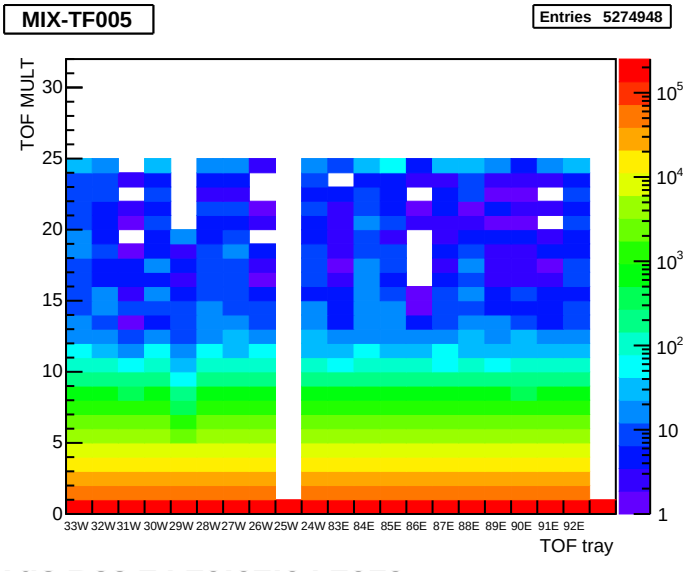

BunchId7Bit (TOFmult window)
Entries 9198

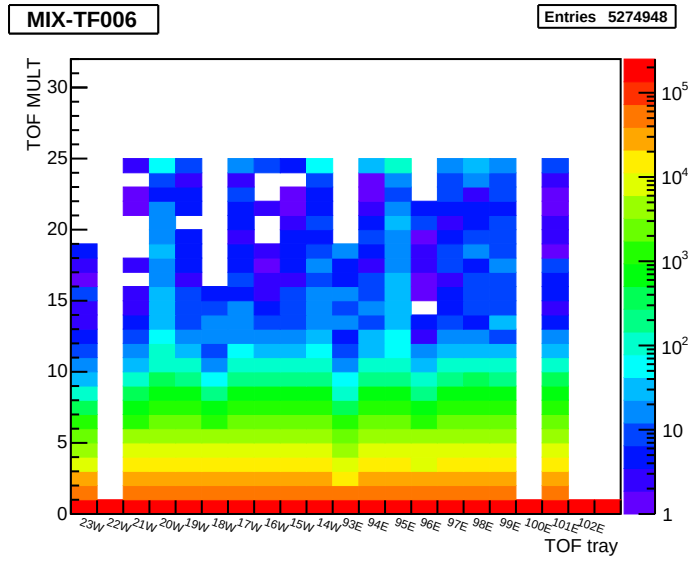

MIX-TF001
Entries 5274948
TOF MULT
TOF tray

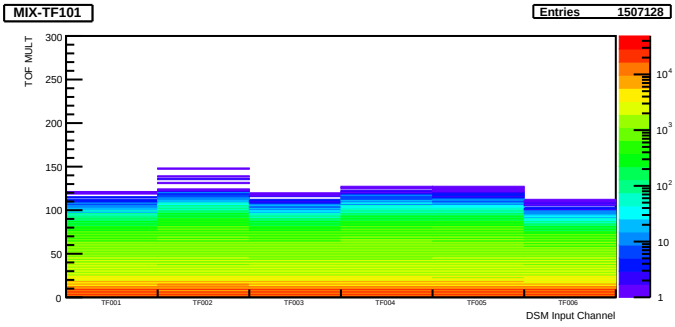

MIX-TF002
Entries 5274948
TOF MULT
TOF tray

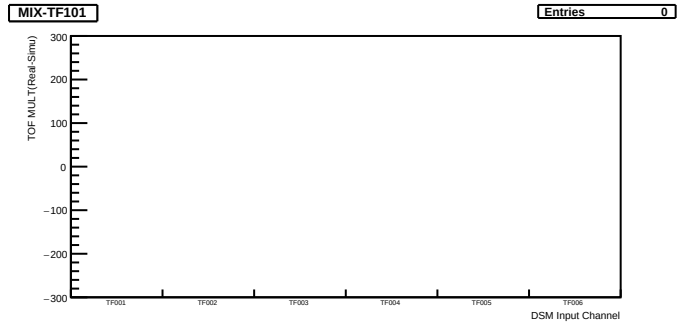

MIX-TF003
Entries 5274948
TOF MULT
TOF tray

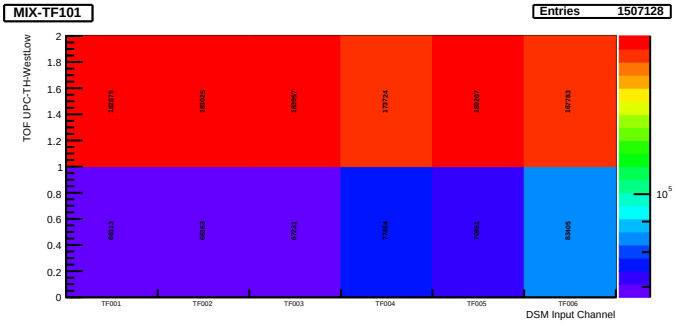

MIX-TF004
Entries 5274948
TOF MULT
TOF tray

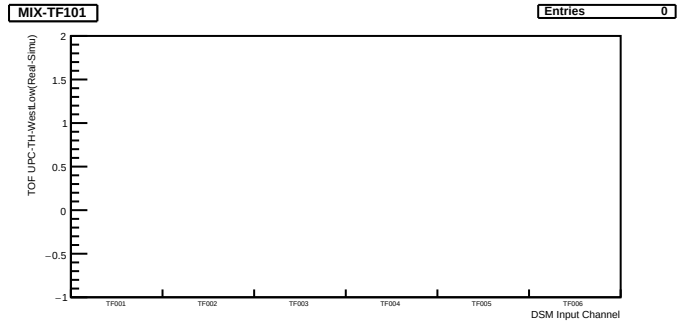

MIX-TF005
Entries 5274948
TOF MULT
TOF tray

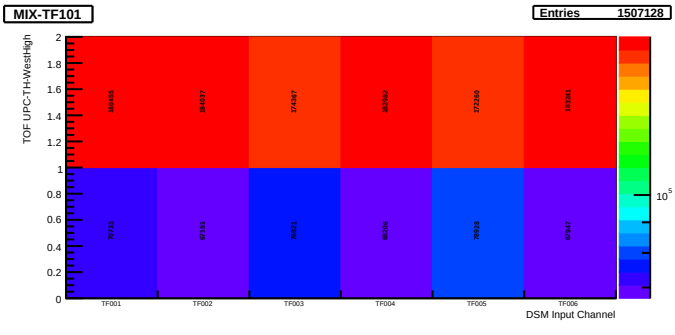

MIX-TF006
Entries 5274948
TOF MULT
TOF tray

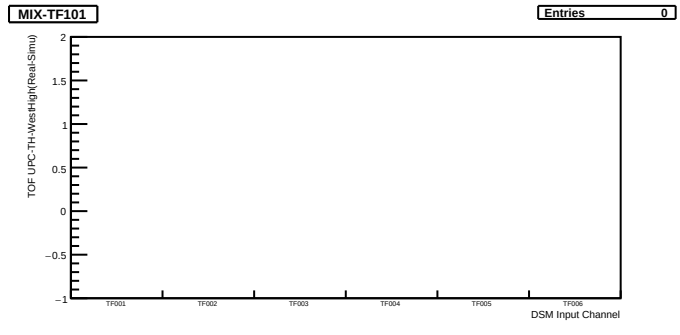

MIX-TF101
Entries 1507128
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

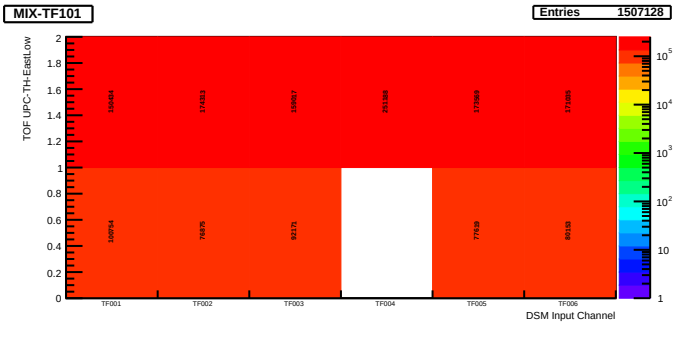

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

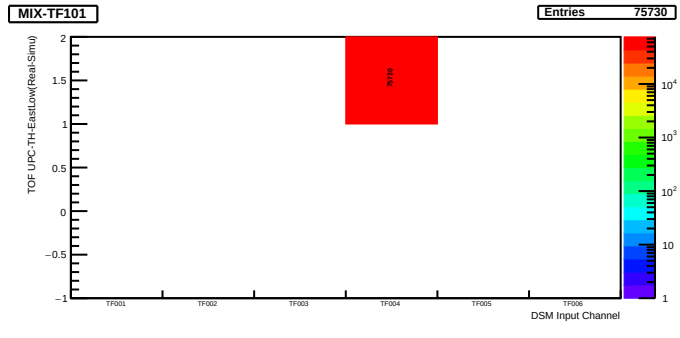

MIX-TF101
Entries 1507128
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

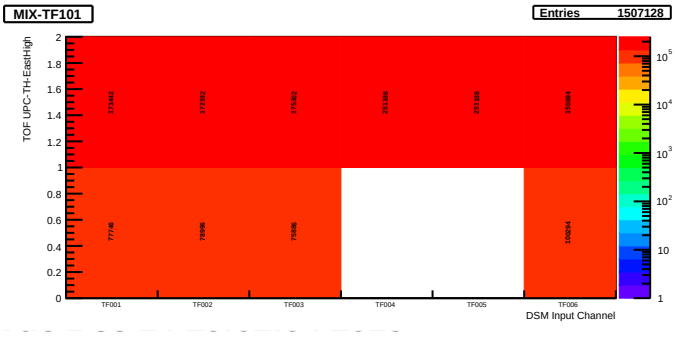

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

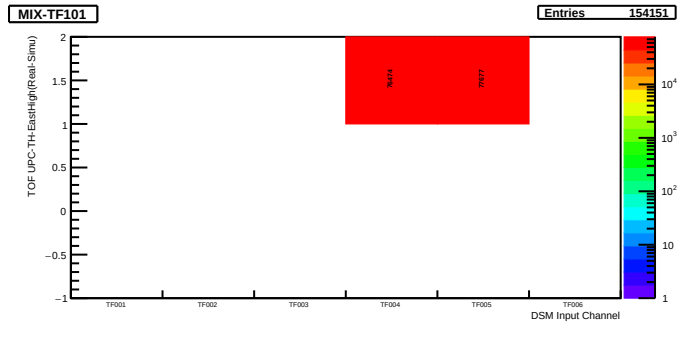

MIX-TF101
Entries 1507128
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

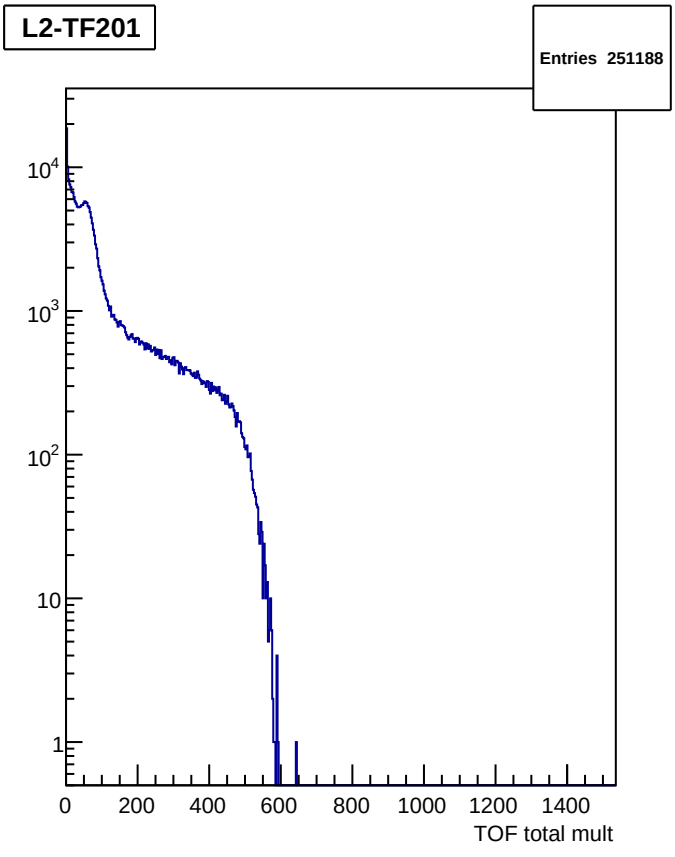

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

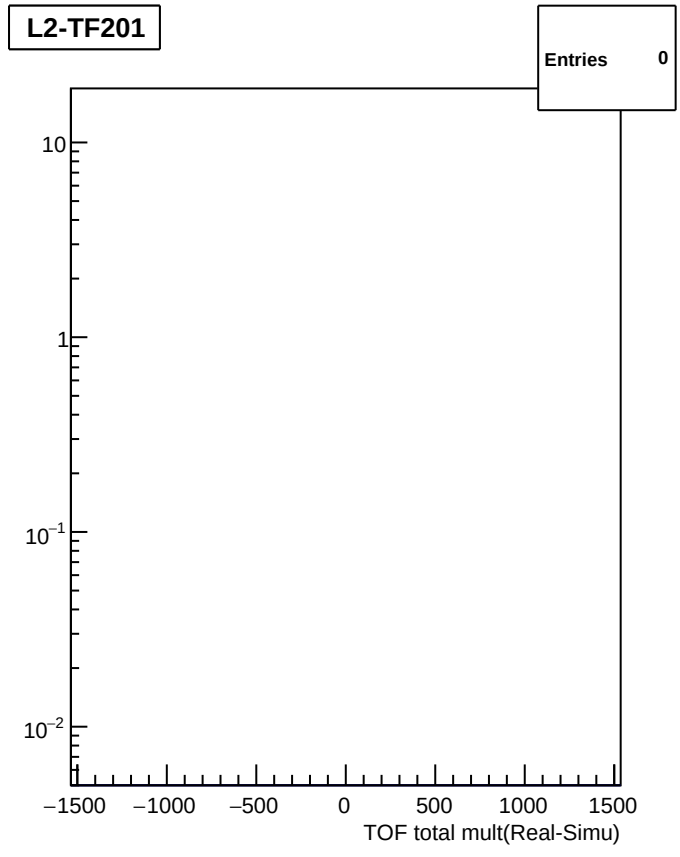

MIX-TF101
Entries 1507128
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

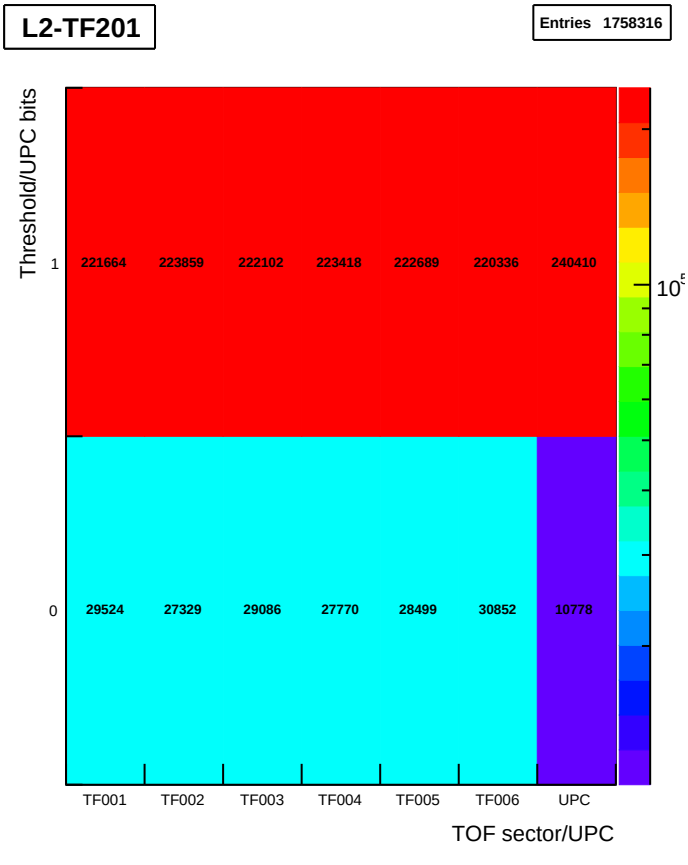

MIX-TF101
Entries 75730
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

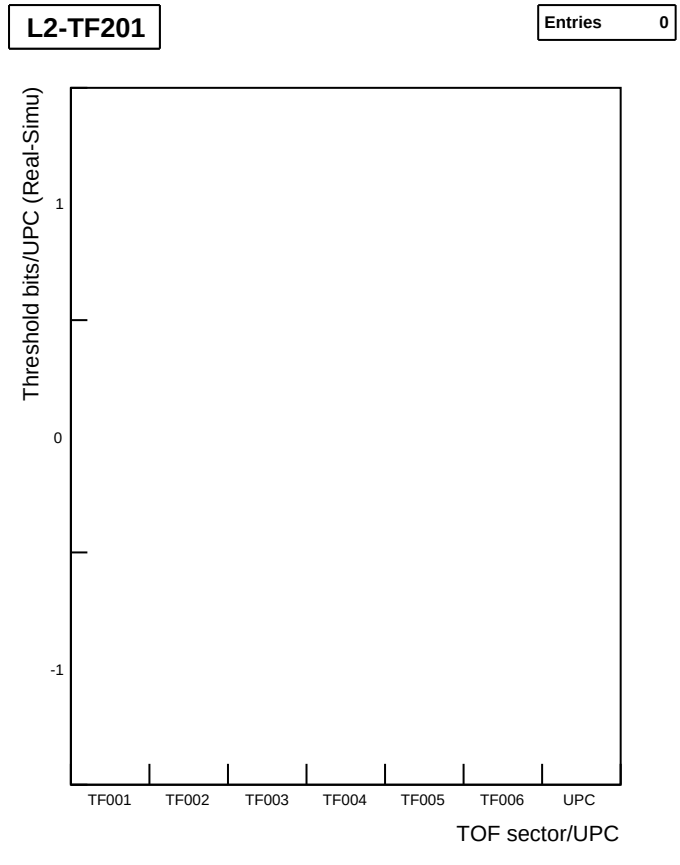

MIX-TF101
Entries 1507128
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

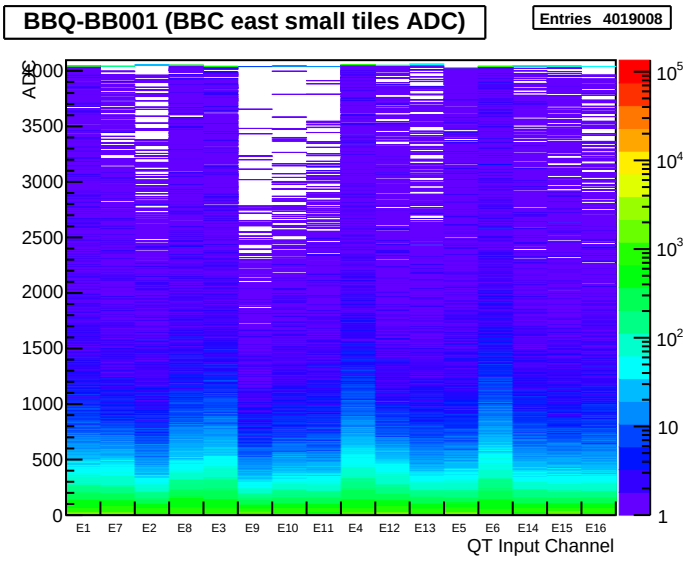

MIX-TF101
Entries 154151
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

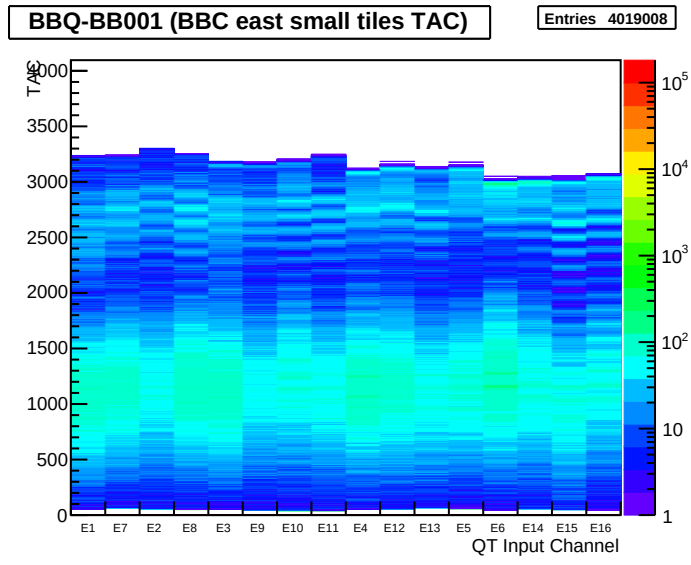

L2-TF201
Entries 251188
TOF total mult

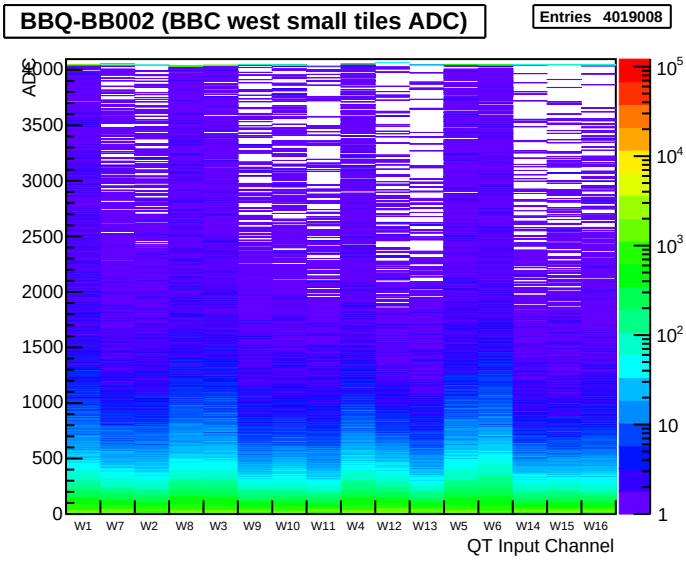

L2-TF201
Entries 0
TOF total mult(Real-Simu)

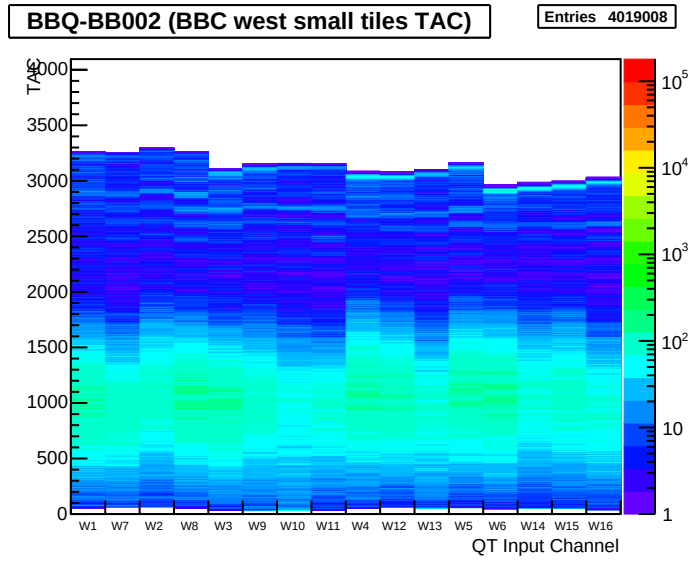

L2-TF201
Entries 1758316
Threshold/UPC bits
221664 223859 222102 223418 222689 220336 240410
29524 27329 29086 27770 28499 30852 10778
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

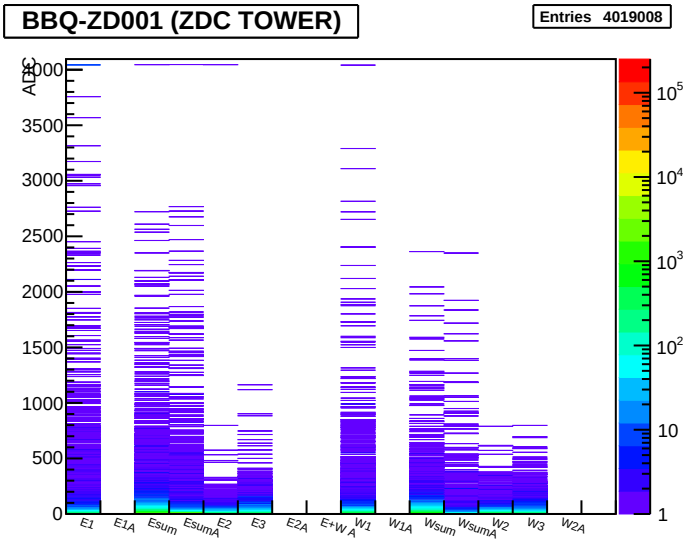

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

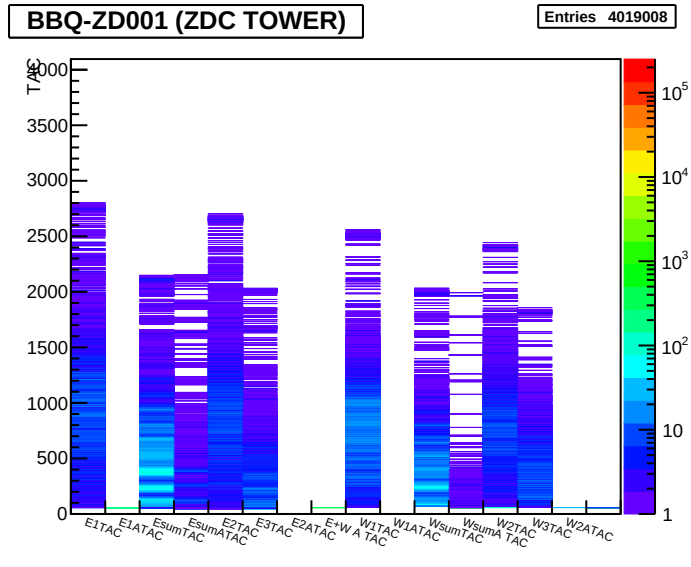

BBQ-BB001 (BBC east small tiles ADC)
Entries 4019008
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

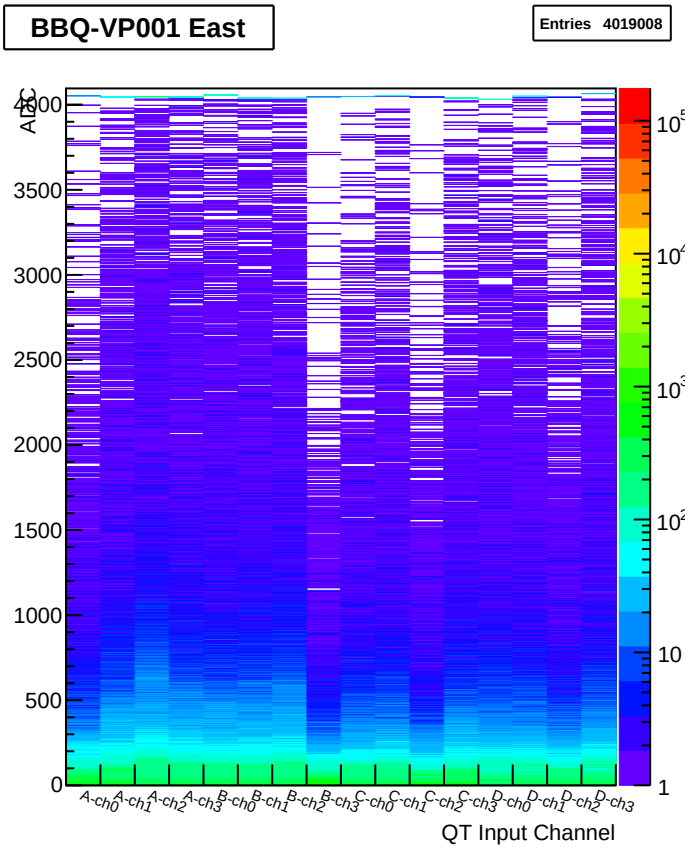

BBQ-BB001 (BBC east small tiles TAC)
Entries 4019008
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

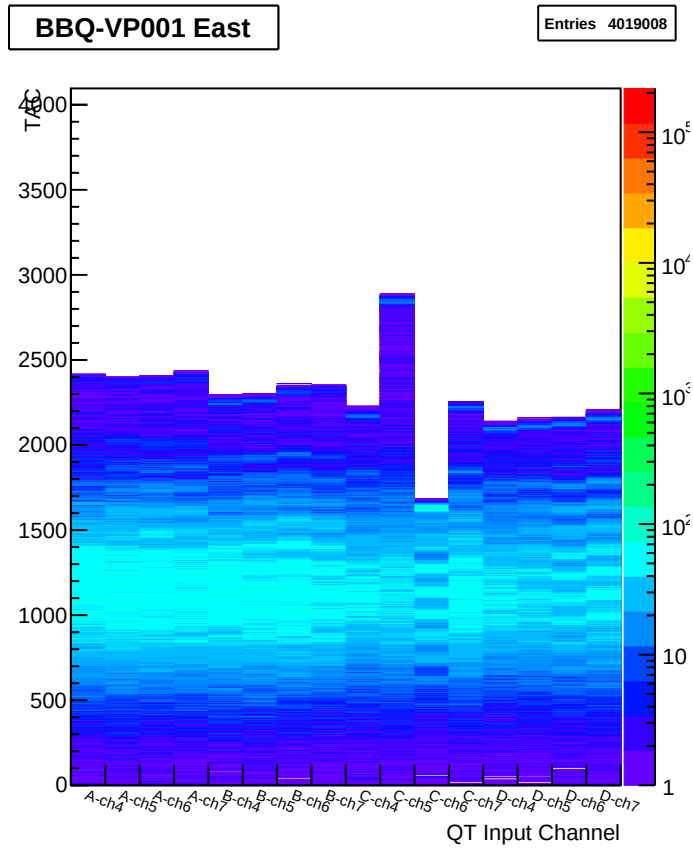

BBQ-BB002 (BBC west small tiles ADC)
Entries 4019008
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

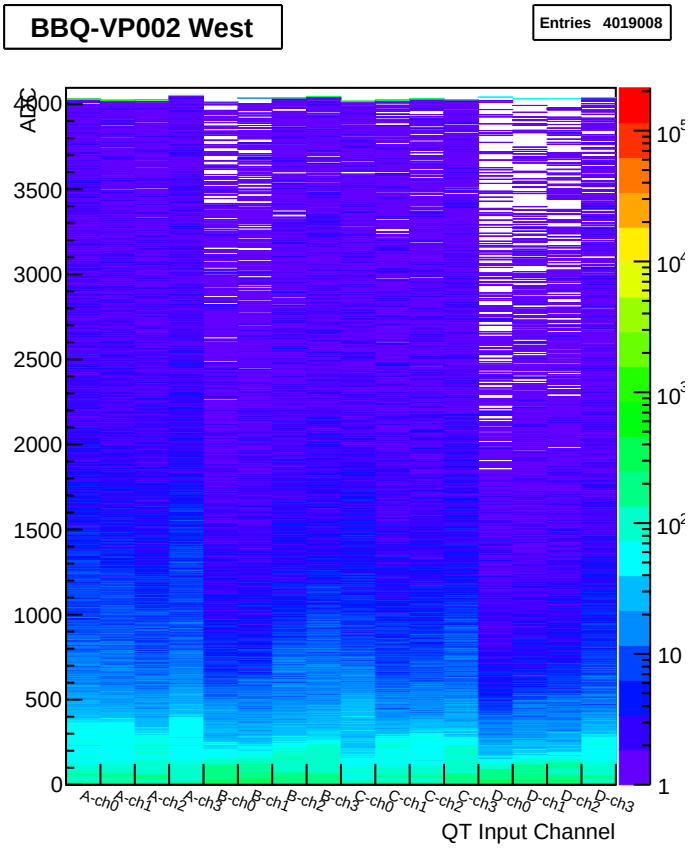

BBQ-BB002 (BBC west small tiles TAC)
Entries 4019008
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

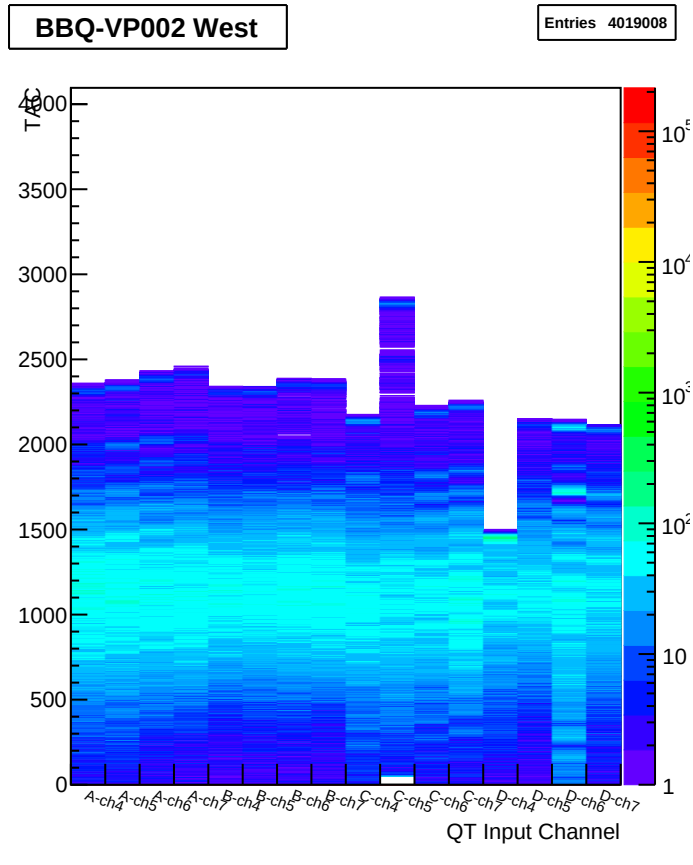

BBQ-ZD001 (ZDC TOWER)
Entries 4019008
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

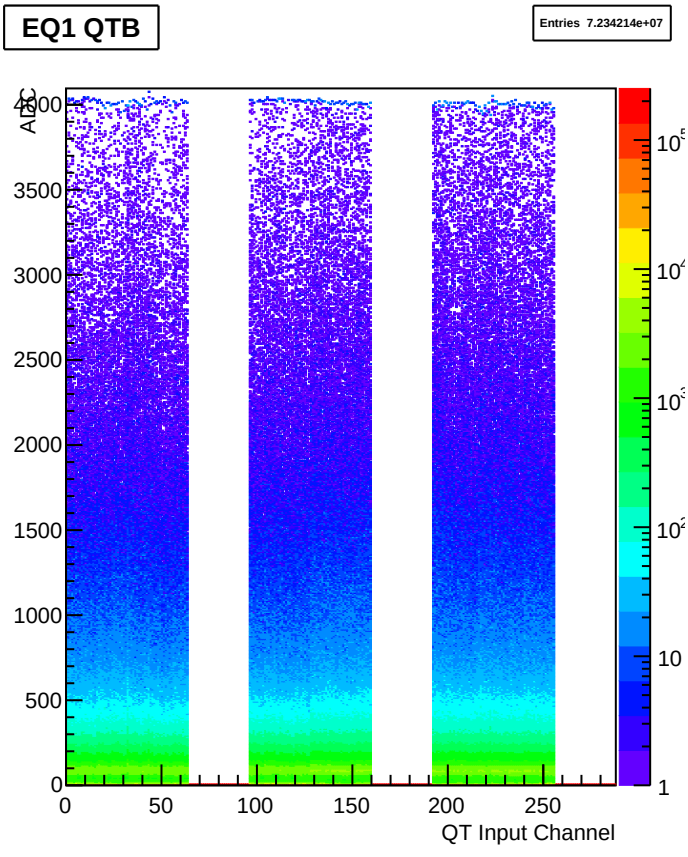

BBQ-ZD001 (ZDC TOWER)
Entries 4019008
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

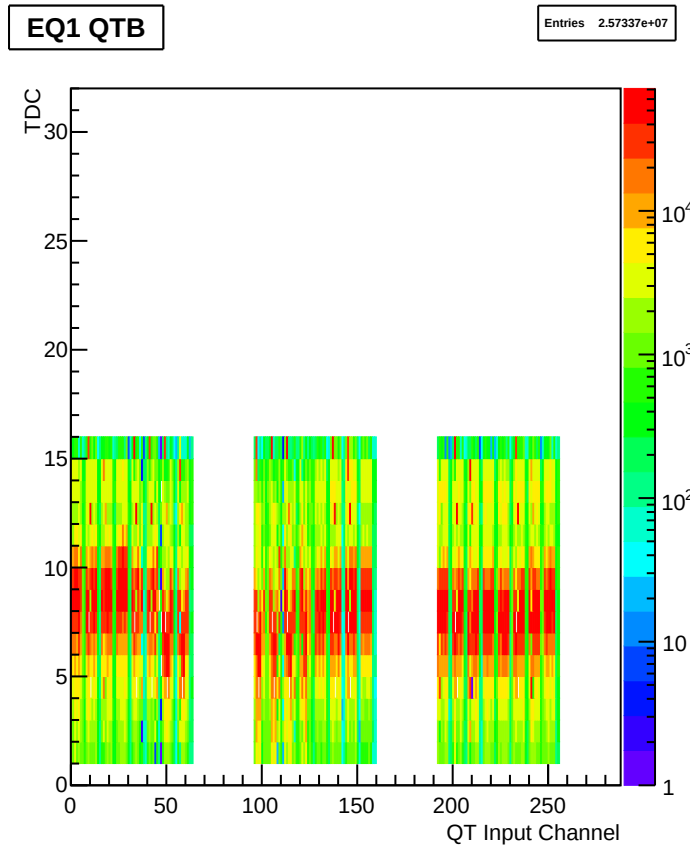

BBQ-VP001 East
Entries 4019008
ADC
QT Input Channel

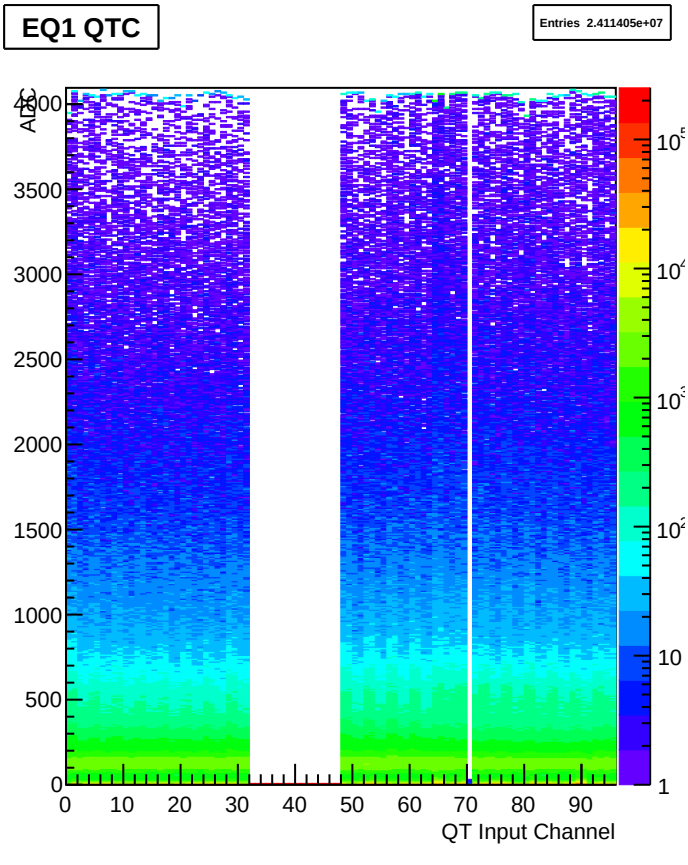

BBQ-VP001 East
Entries 4019008
TADC
QT Input Channel

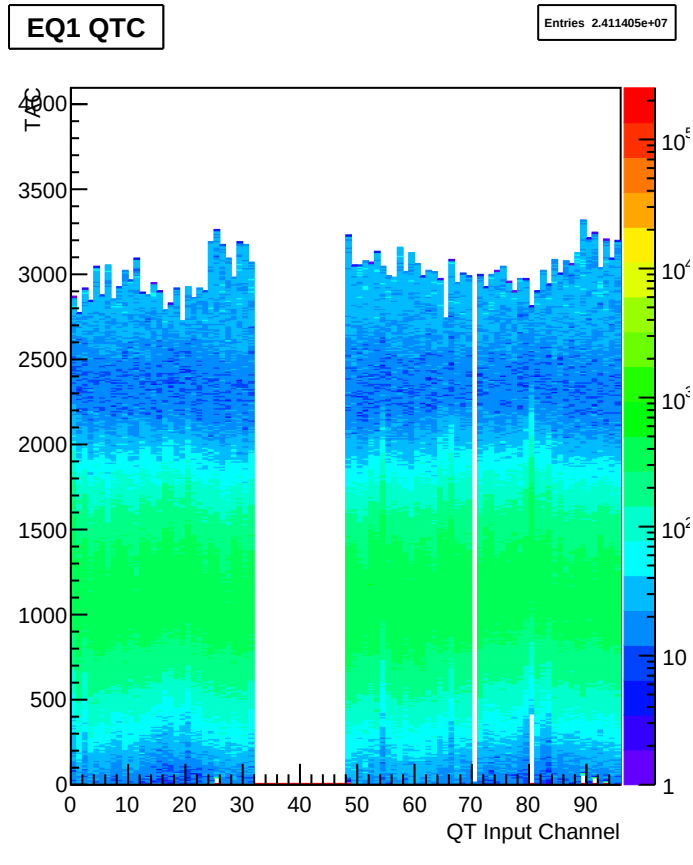

BBQ-VP002 West
Entries 4019008
ADC
QT Input Channel

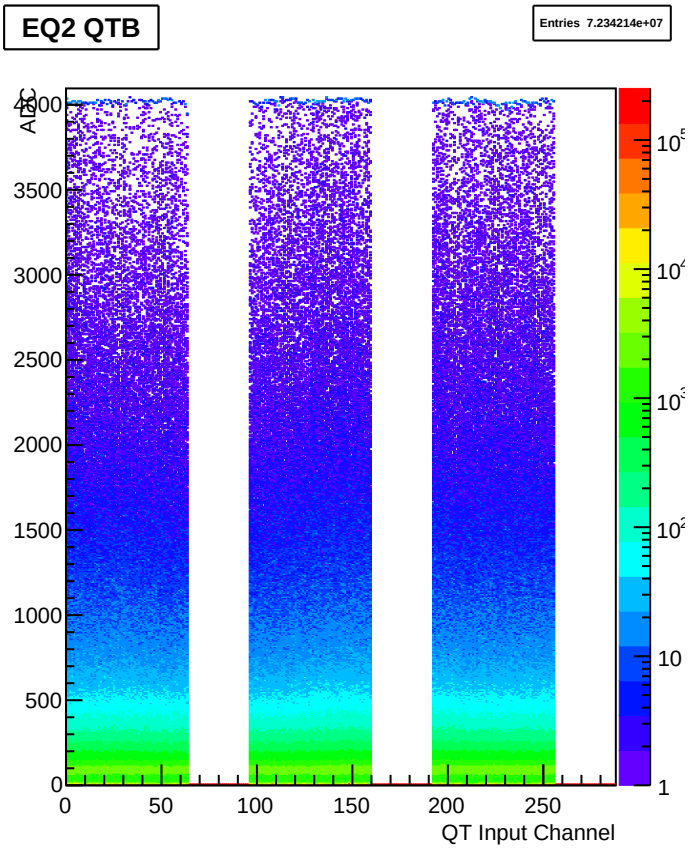

BBQ-VP002 West
Entries 4019008
TADC
QT Input Channel

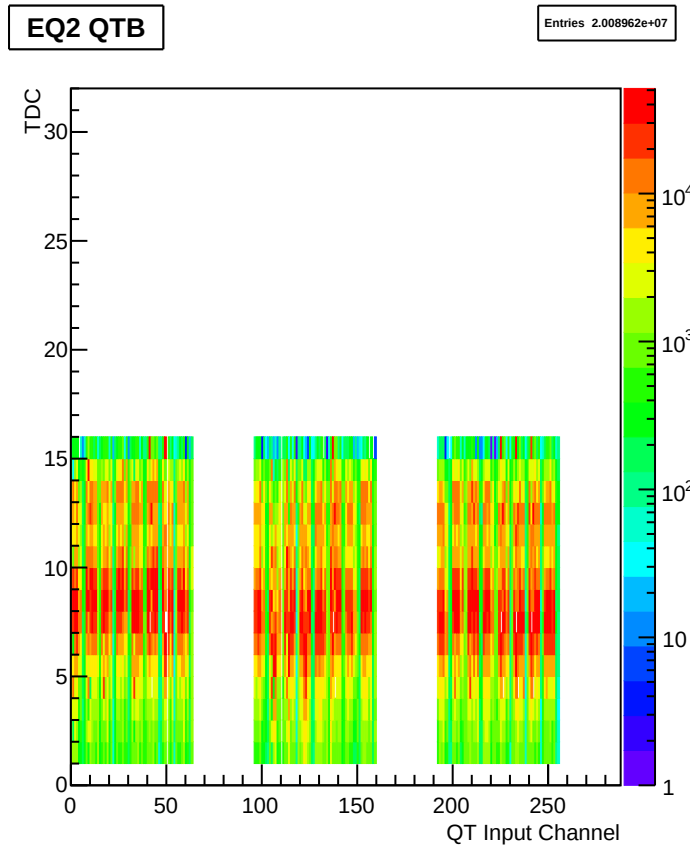

EQ1 QTB
Entries 7.234214e+07
ADC
QT Input Channel

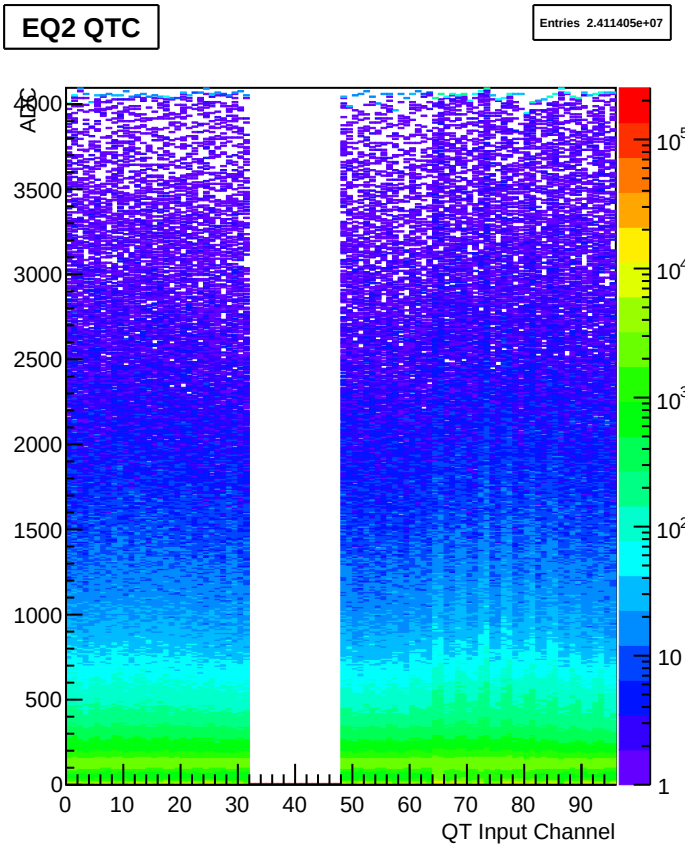

EQ1 QTB
Entries 2.57337e+07
TDC
QT Input Channel

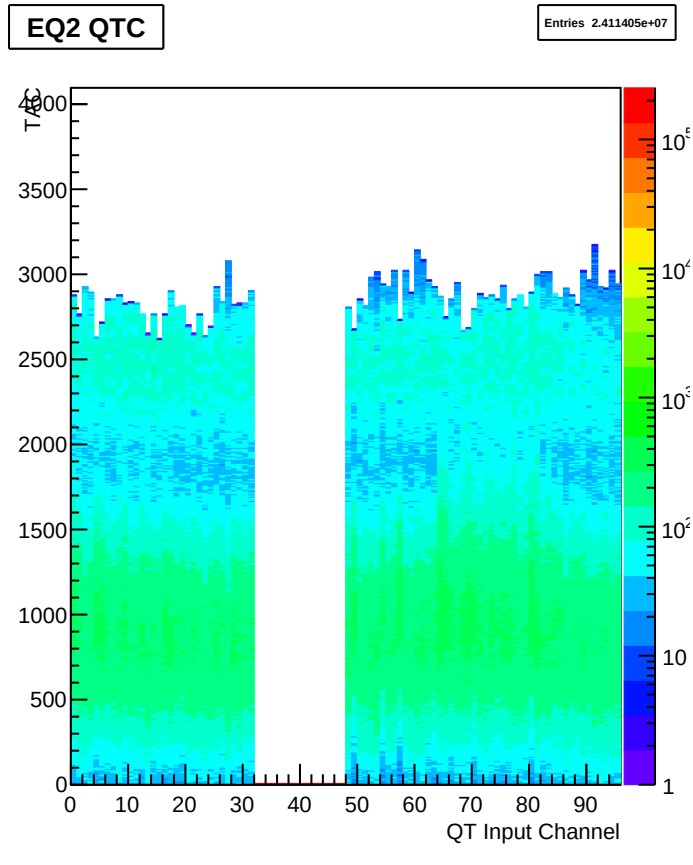

EQ1 QTC
Entries 2.411405e+07
ADC
QT Input Channel

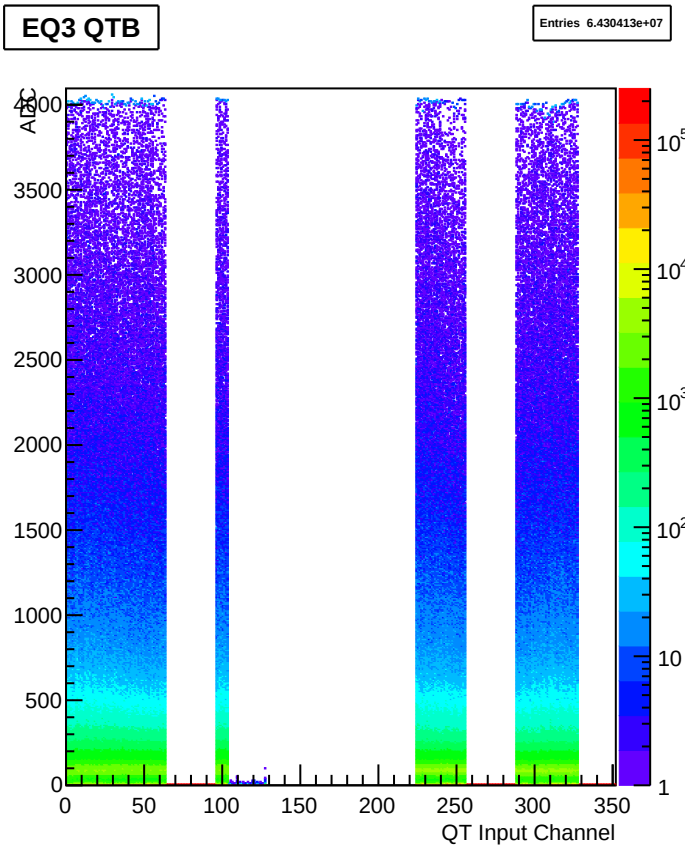

EQ1 QTC
Entries 2.411405e+07
TADC
QT Input Channel

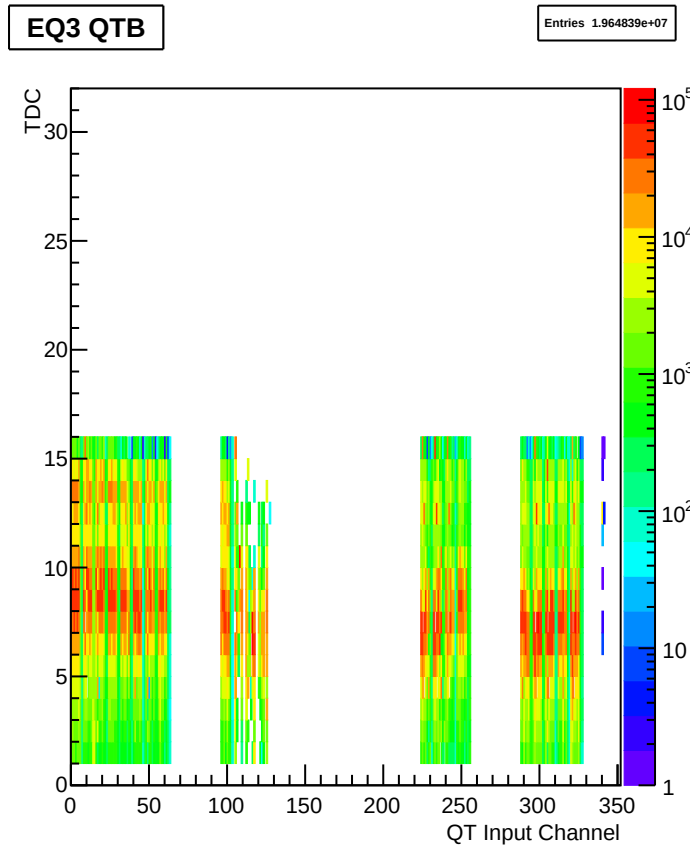

EQ2 QTB
Entries 7.234214e+07
ADC
QT Input Channel

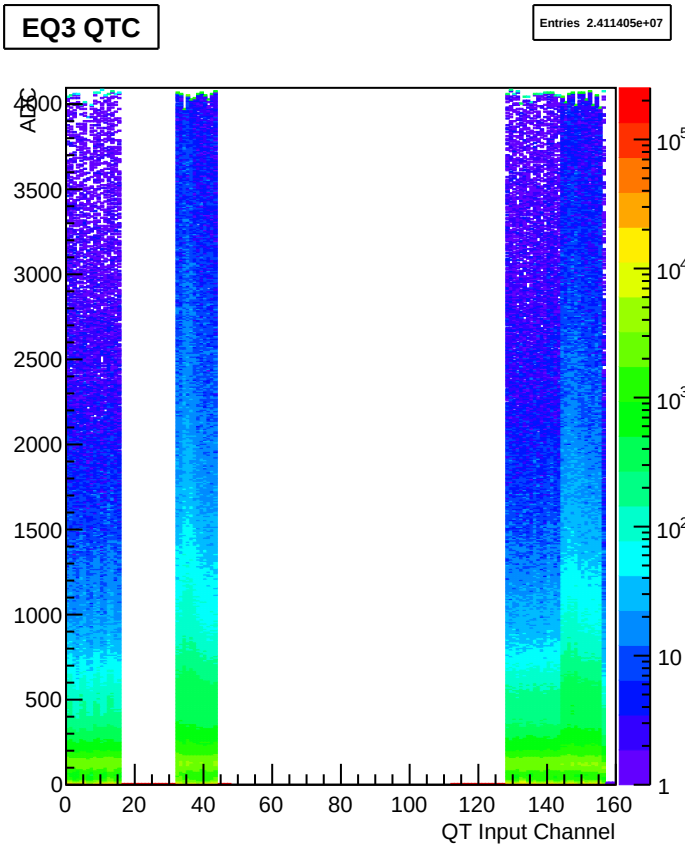

EQ2 QTB
Entries 2.008962e+07
TDC
QT Input Channel

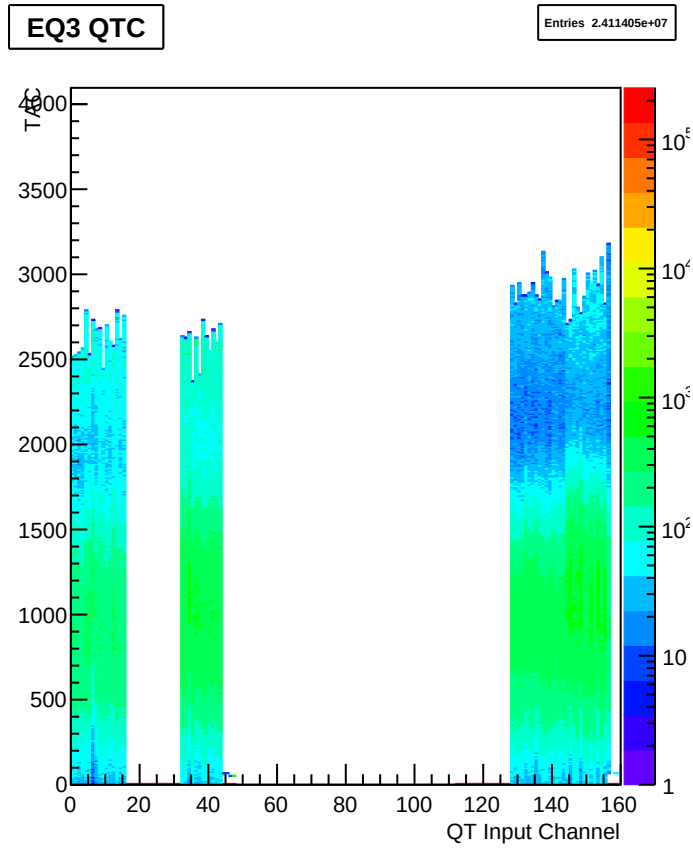

EQ2 QTC
Entries 2.411405e+07
ADC
QT Input Channel

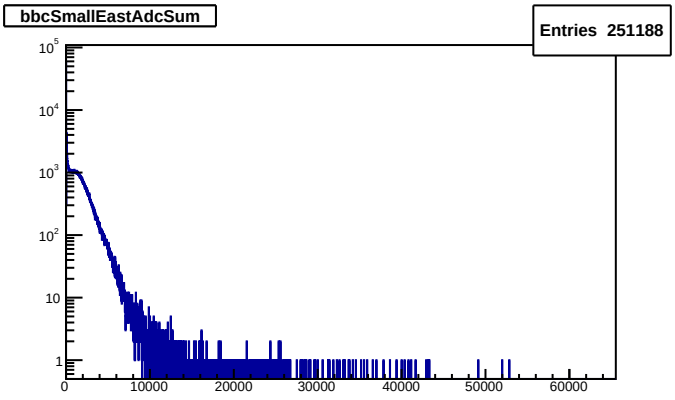

EQ2 QTC
Entries 2.411405e+07
TADC
QT Input Channel

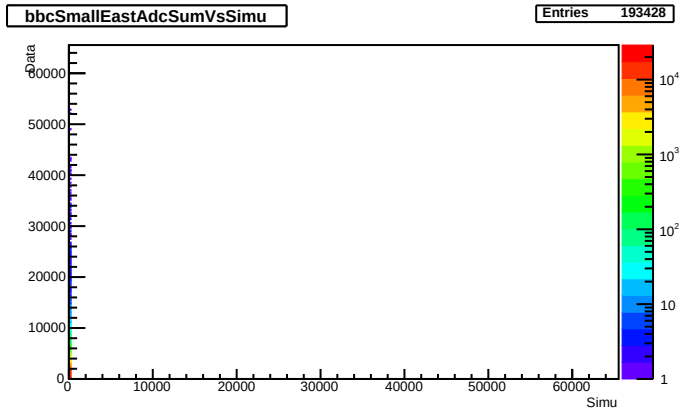

EQ3 QTB
Entries 6.430413e+07
ADC
QT Input Channel

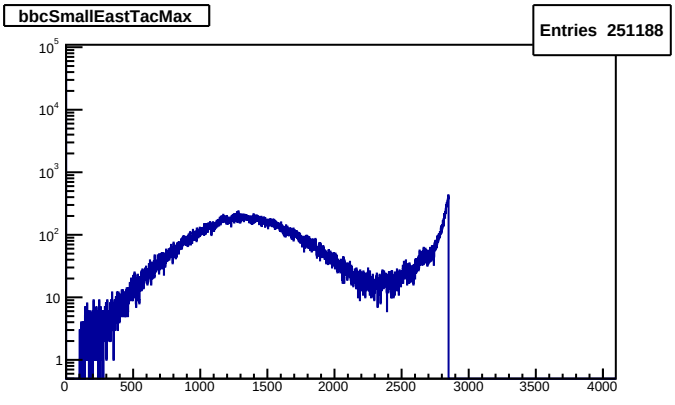

EQ3 QTB
Entries 1.964839e+07
TDC
QT Input Channel

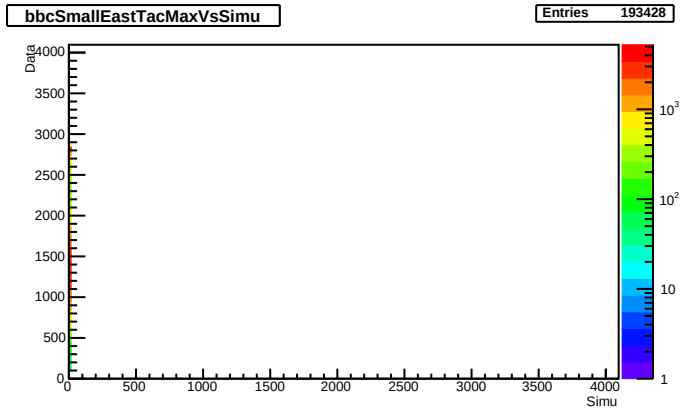

EQ3 QTC
Entries 2.411405e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.411405e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 251188


bbcSmallEastAdcSumVsSimu
Entries 193428
Data
Simu


bbcSmallEastTacMax
Entries 251188


bbcSmallEastTacMaxVsSimu
Entries 193428
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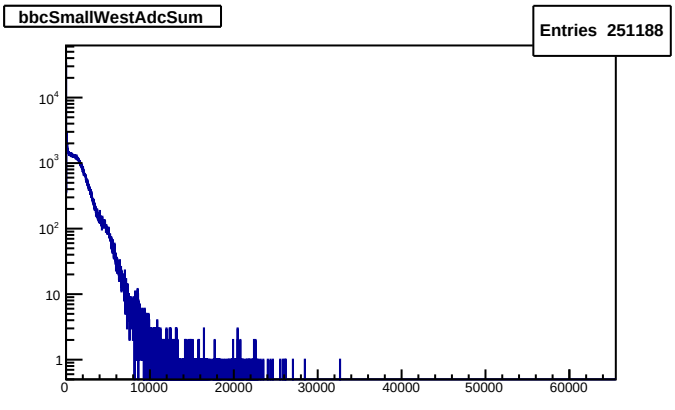
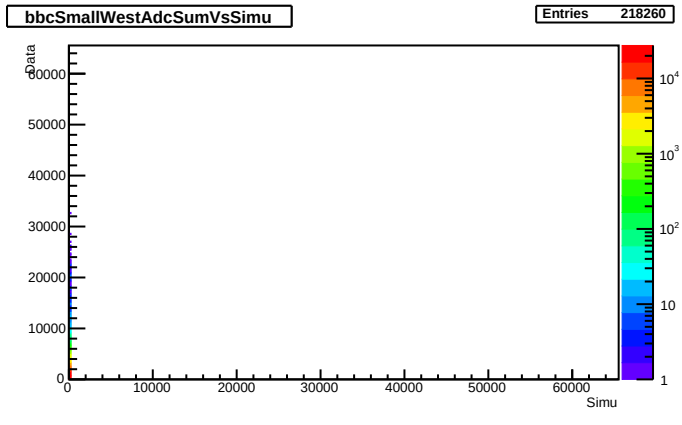
Simu


bbcSmallWestAdcSum
Entries 251188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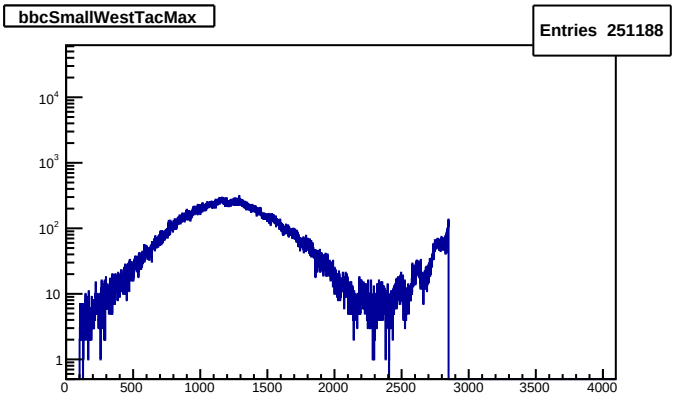
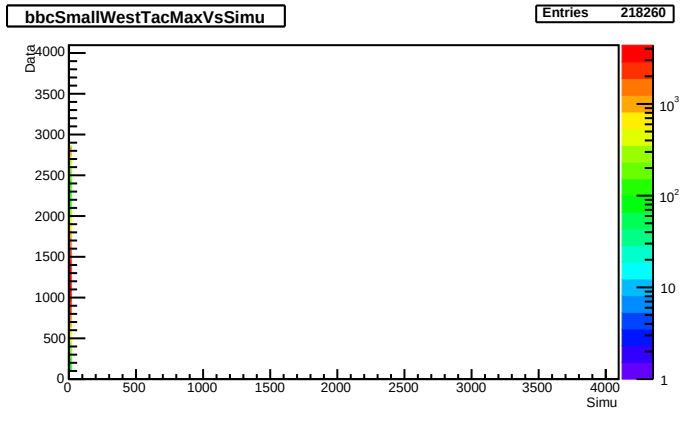
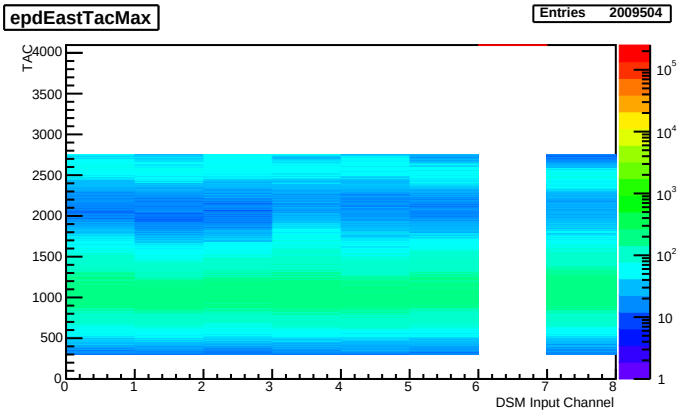
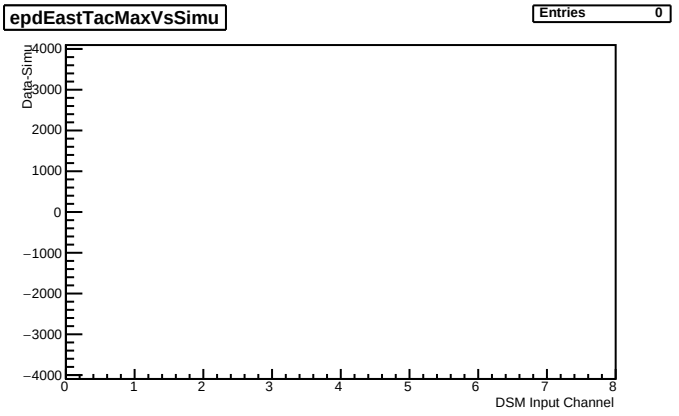
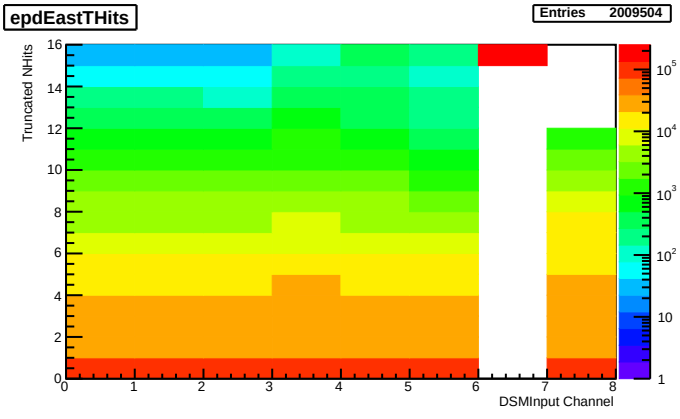
Entries 218260
Data
Simu

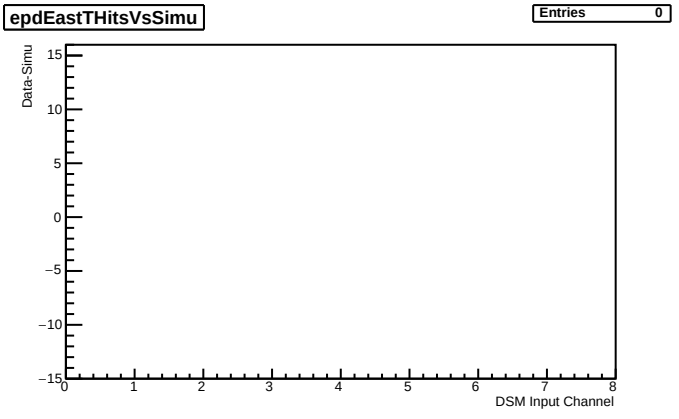

bbcSmallWestTacMax
Entries 251188


bbcSmallWestTacMaxVsSimu
Entries 218260
Data
Simu


epdEastTacMax
Entries 2009504
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2009504
Truncated NHits
DSMInput Channel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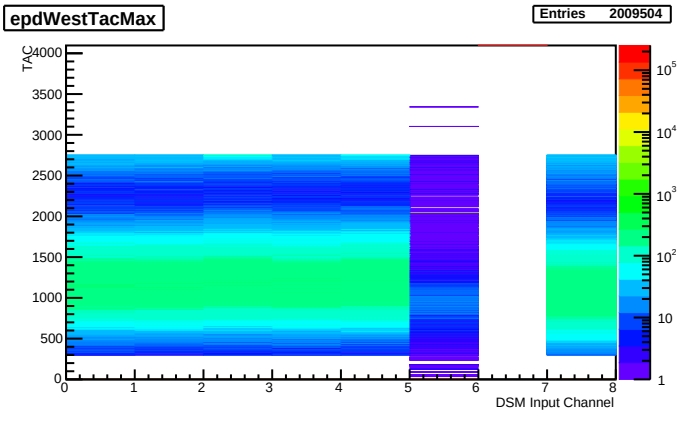
Entries 0
Data-Simu
DSM Input Channel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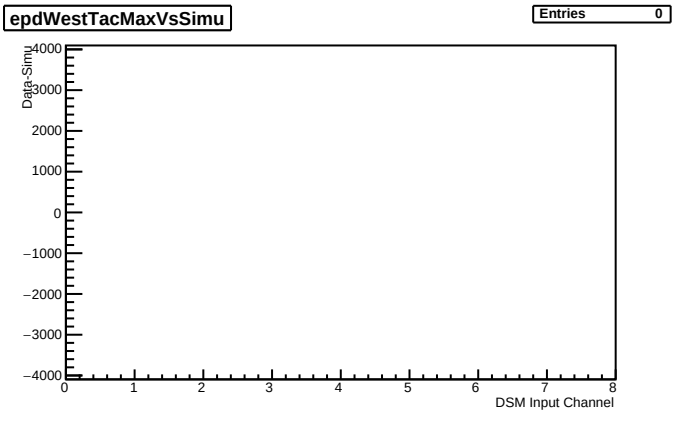
Entries 2009504
TAC
DSM Input Channel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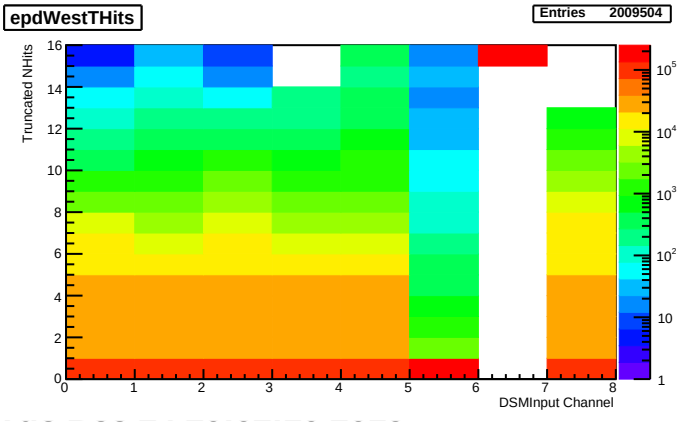
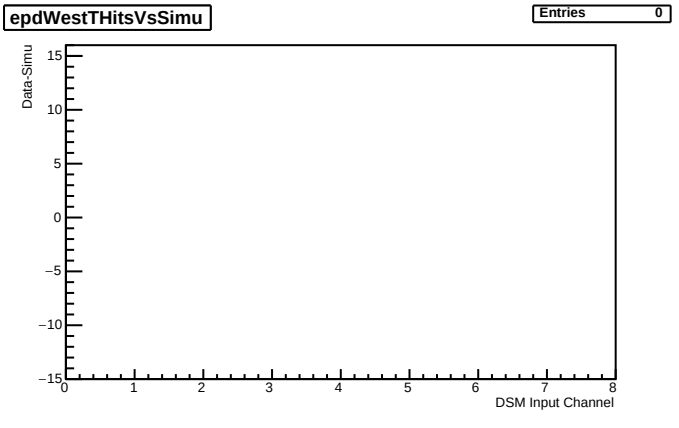
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2009504
Truncated NHits
DSMInput Channel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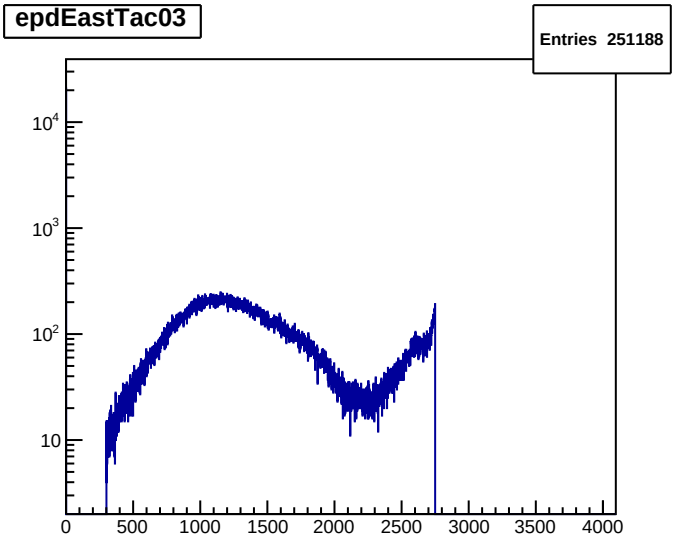
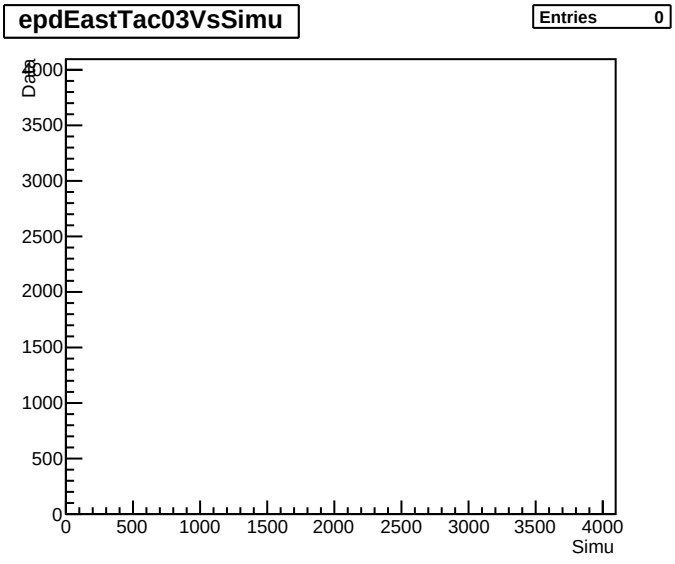
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 251188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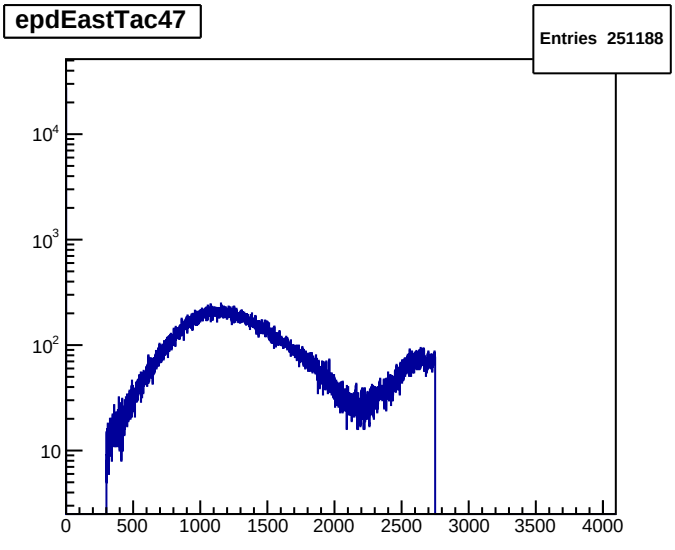
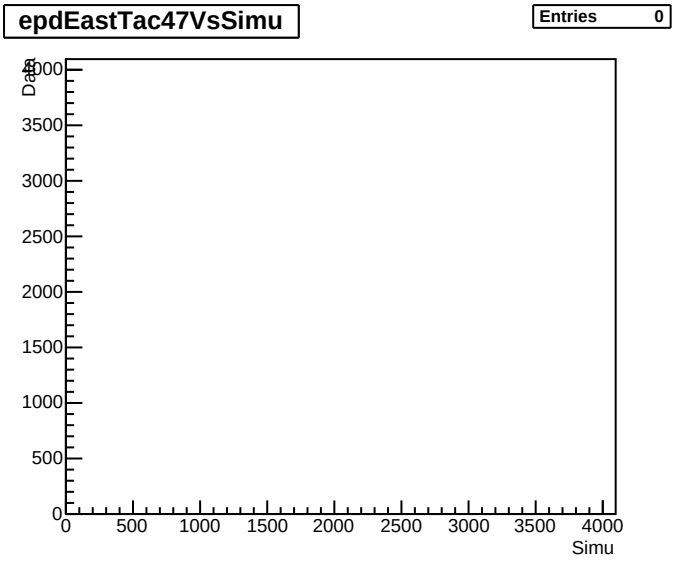
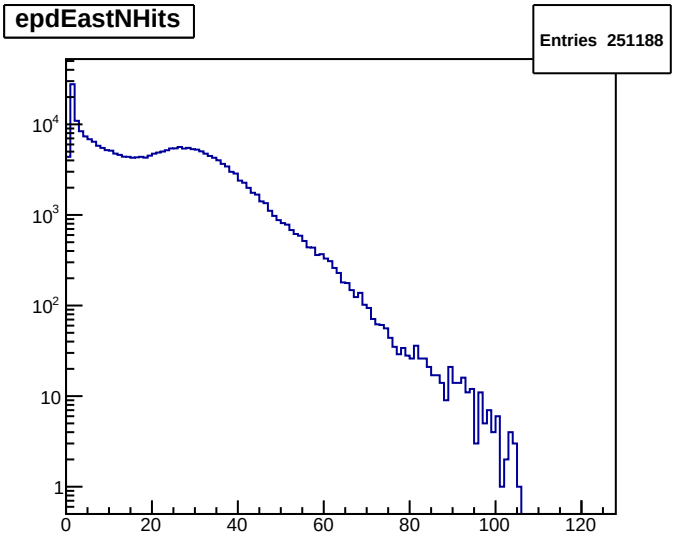
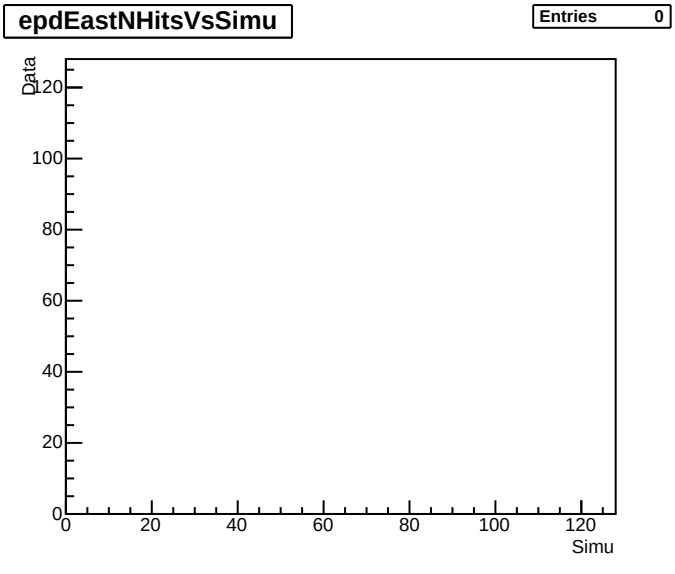
Entries 0
Data
Simu


epdEastTac47
Entries 251188


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 251188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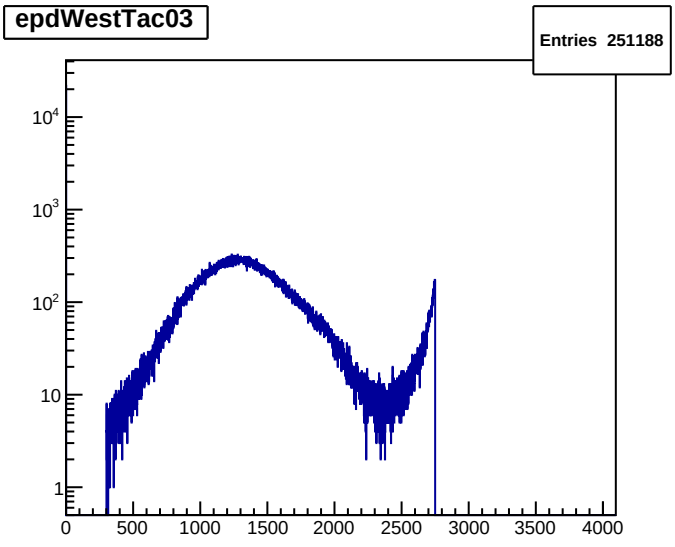
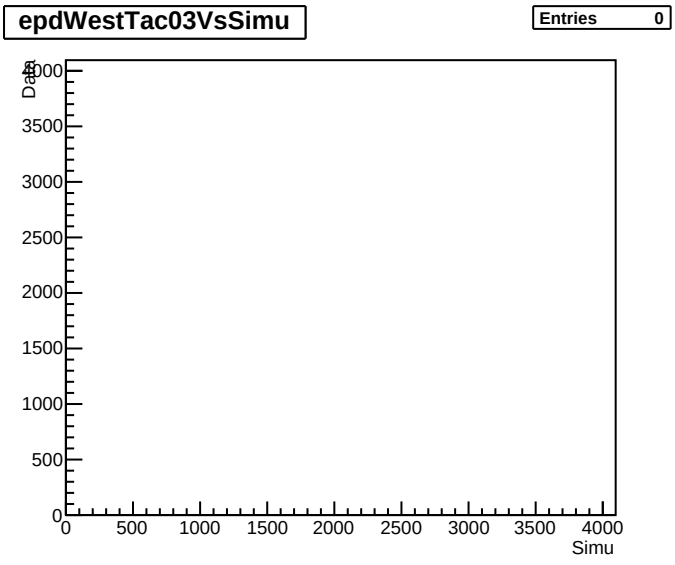
Entries 0
Data
Simu


epdWestTac03
Entries 251188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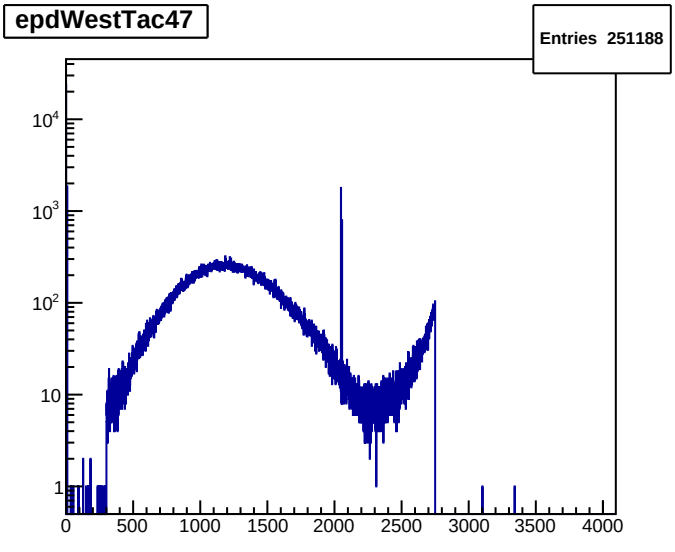
Entries 0
Data
Simu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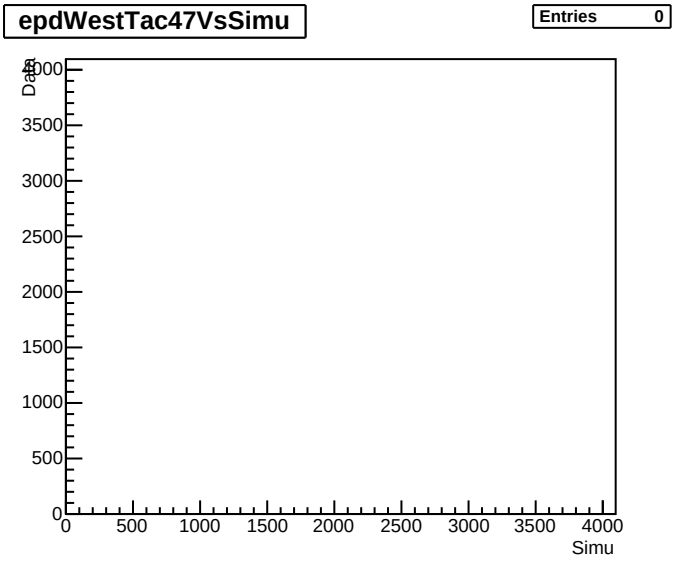
Entries 251188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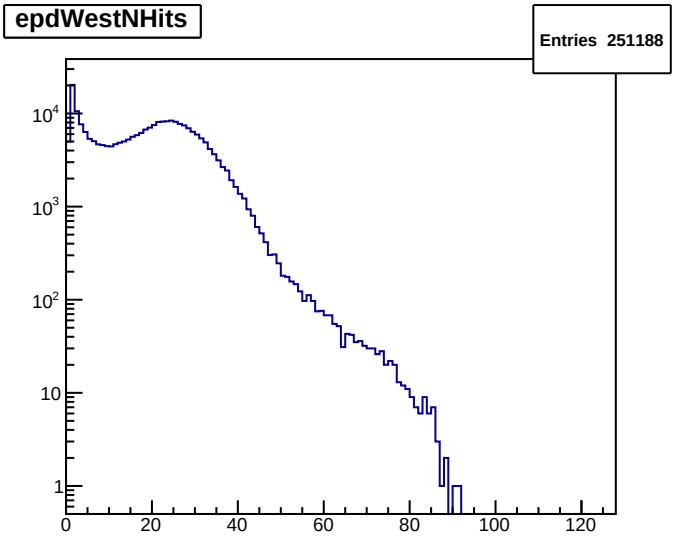
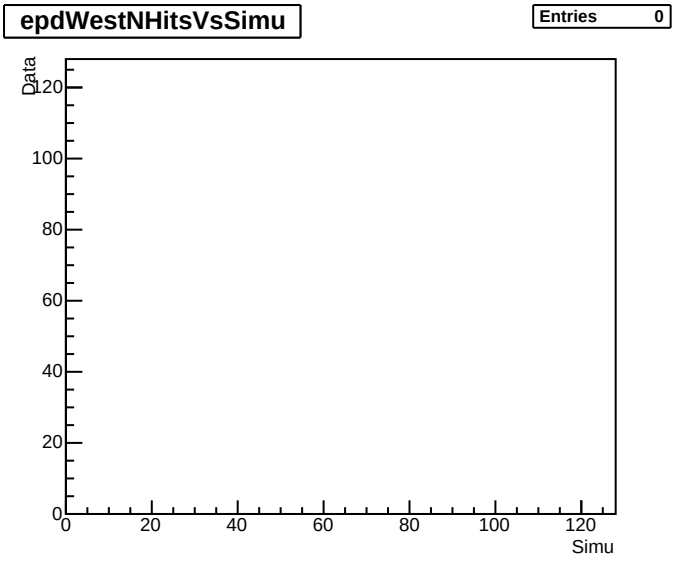
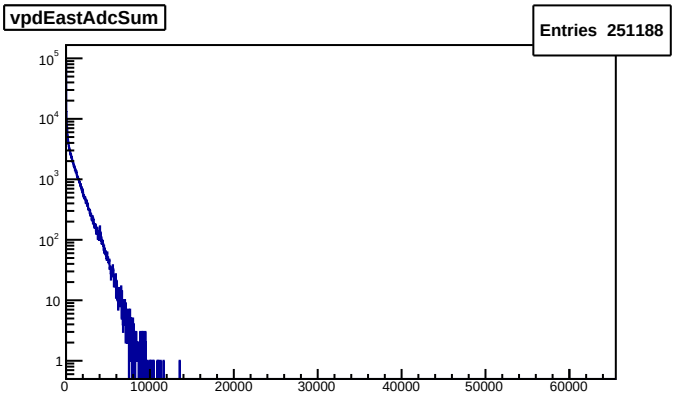
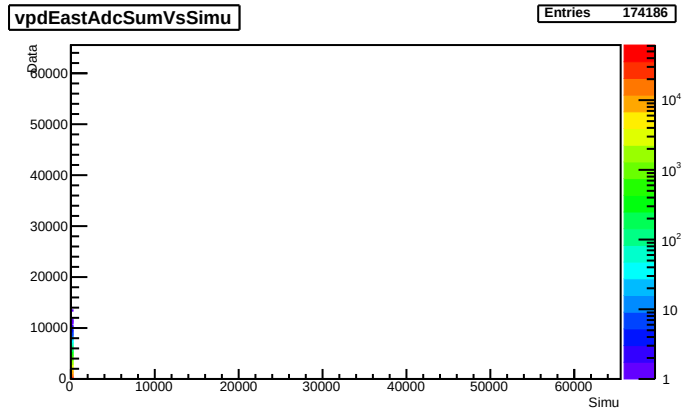
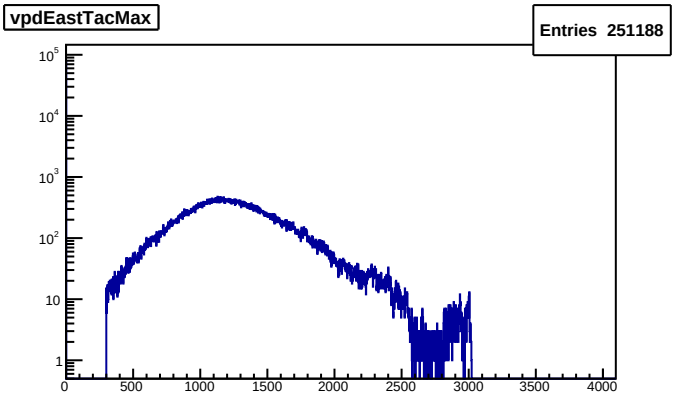
Entries 0
Data
Simu

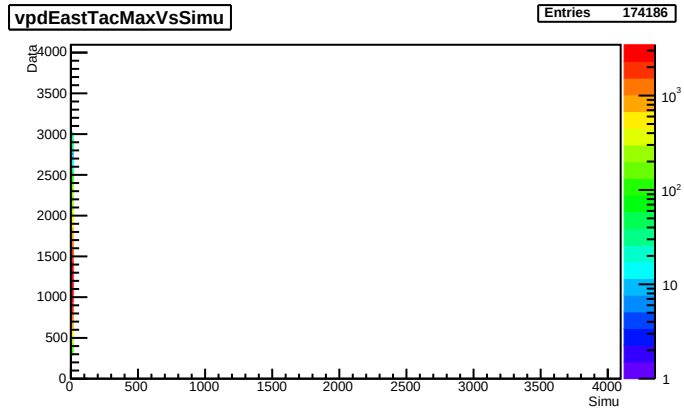

epdWestNHits
Entries 251188

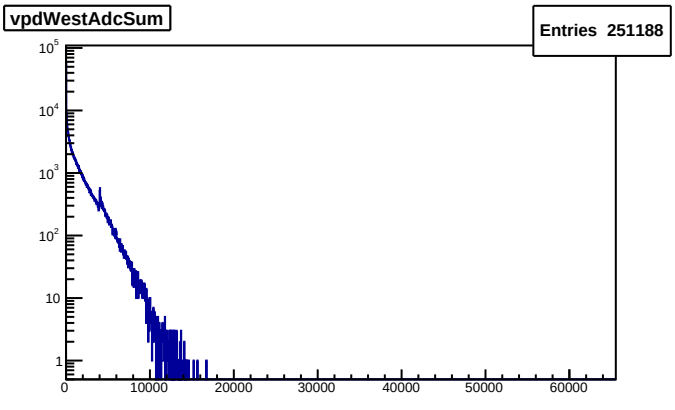

epdWestNHitsVsSimu
Entries 0
Data
Simu

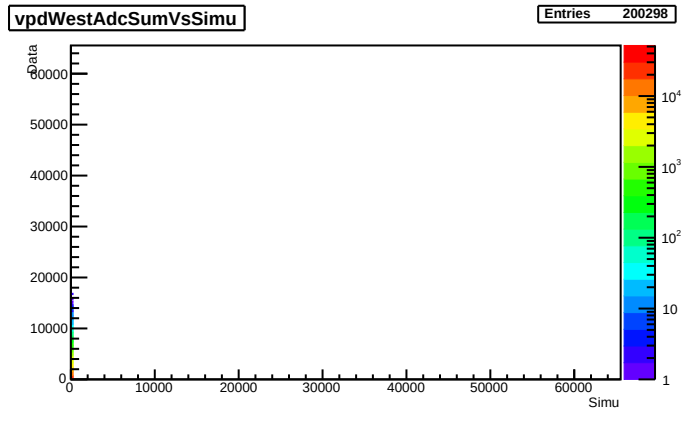

vpdEastAdcSum
Entries 251188

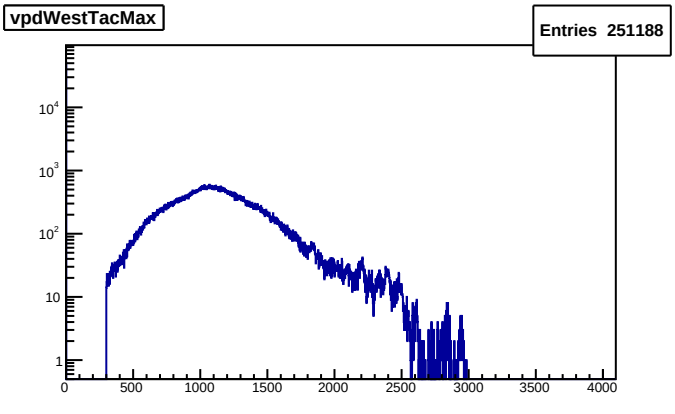

vpdEastAdcSumVsSimu
Entries 174186
Data
Simu

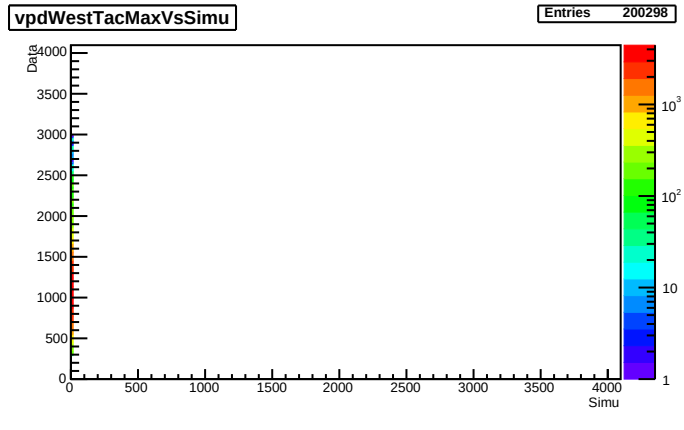

vpdEastTacMax
Entries 251188

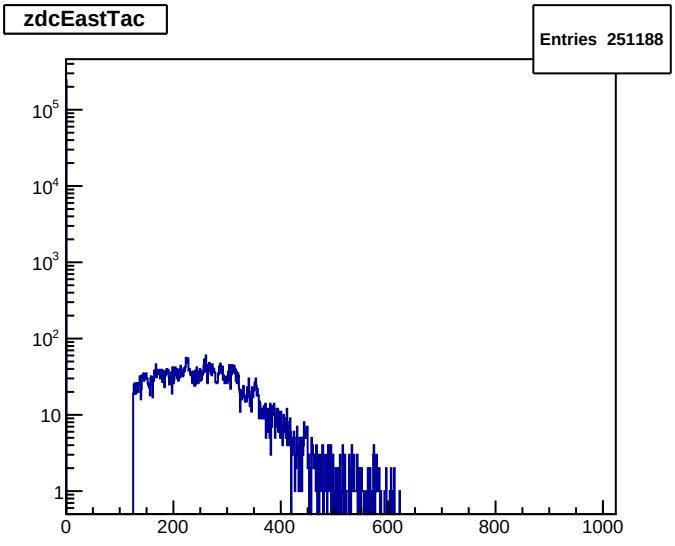

vpdEastTacMaxVsSimu
Entries 174186
Data
Simu

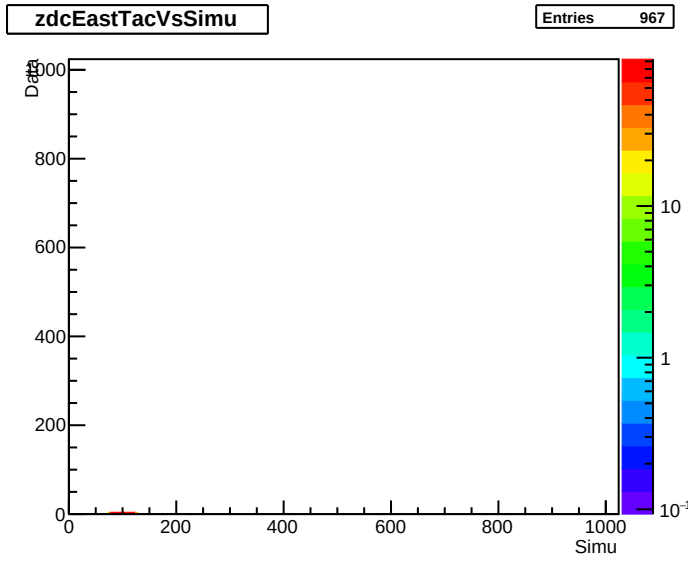

vpdWestAdcSum
Entries 251188

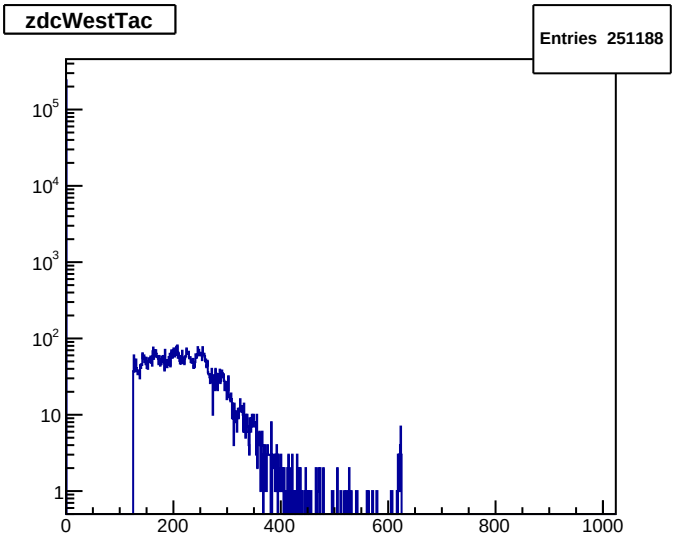

vpdWestAdcSumVsSimu
Entries 200298
Data
Simu

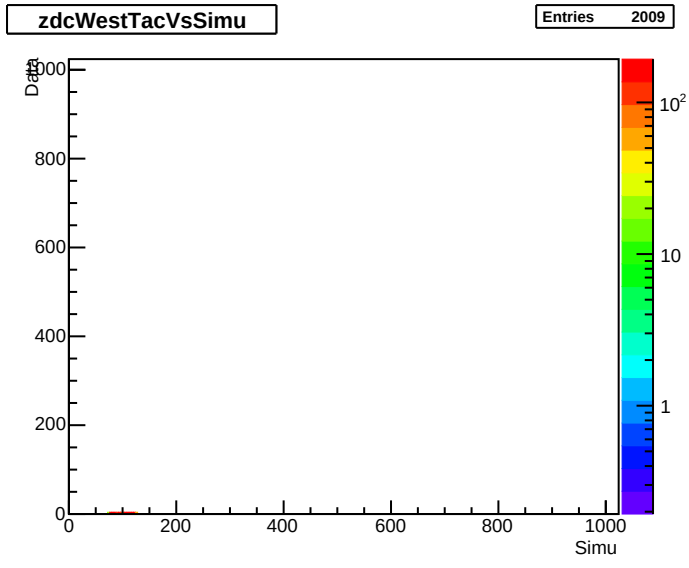

vpdWestTacMax
Entries 251188

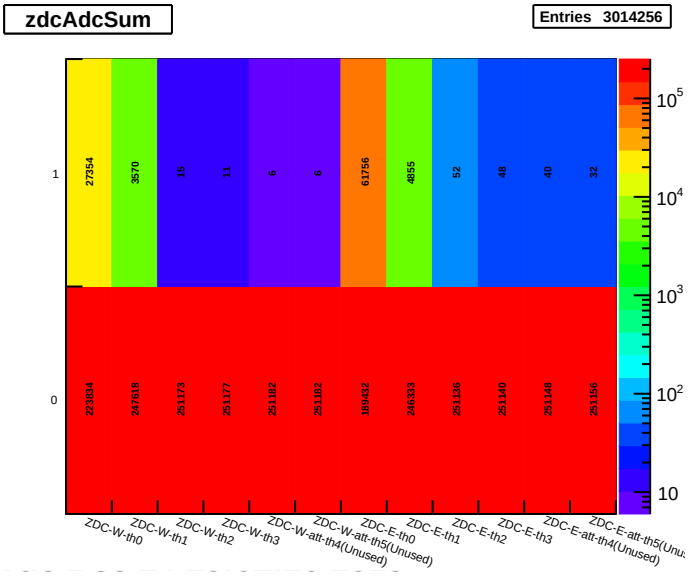

vpdWestTacMaxVsSimu
Entries 200298
Data
Simu

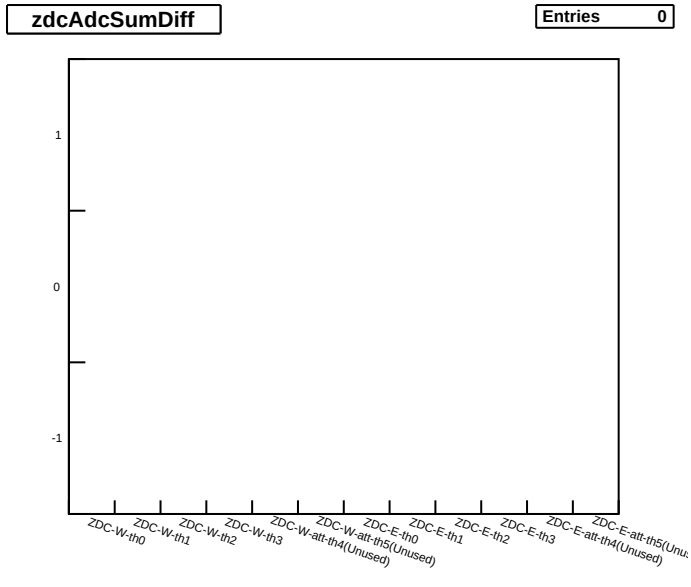

zdcEastTac
Entries 251188

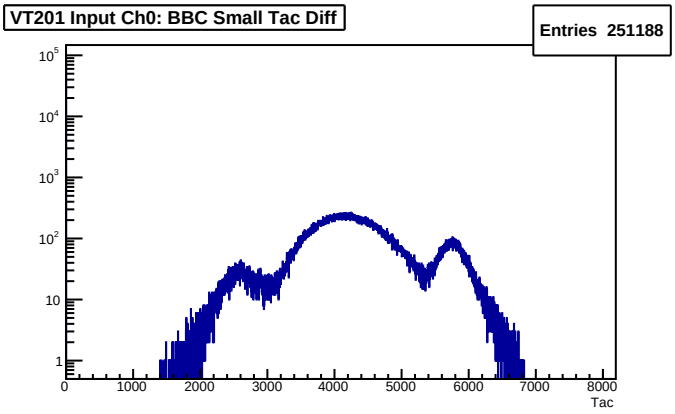

zdcEastTacVsSimu
Entries 967
Data
Simu

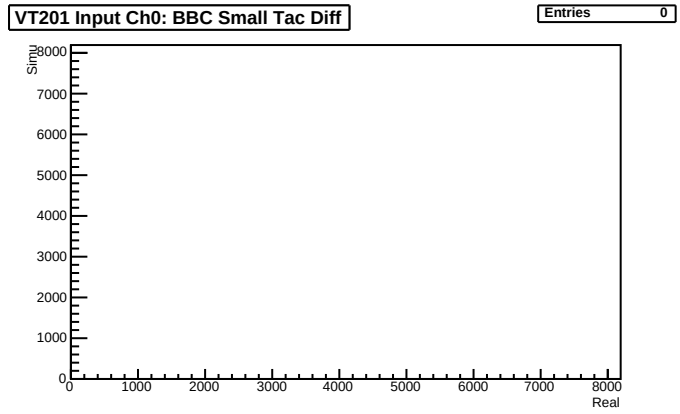

zdcWestTac
Entries 251188

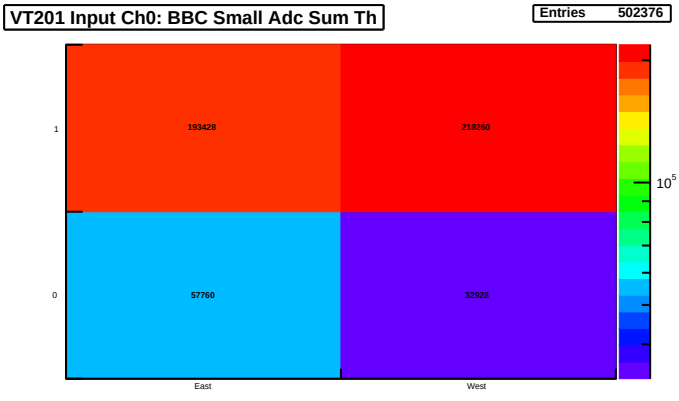

zdcWestTacVsSimu
Entries 2009
Data
Simu

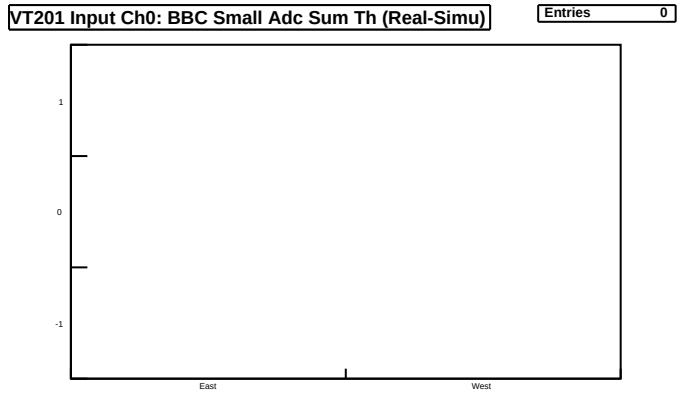

zdcAdcSum
Entries 3014256
27354
3570
15
11
6
6
61756
4855
52
48
40
32
223834
247618
251173
251177
251182
251182
189432
246333
251136
251140
251148
251156
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

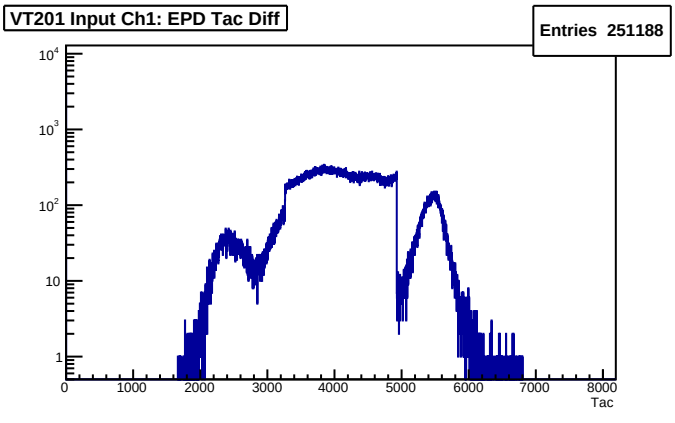

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

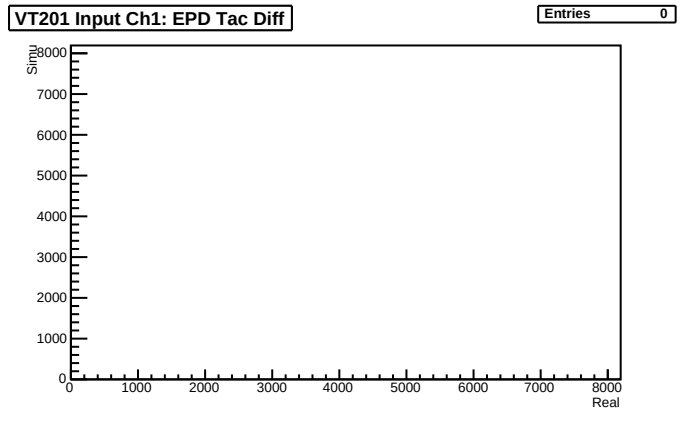

VT201 Input Ch0: BBC Small Tac Diff
Entries 251188
Tac

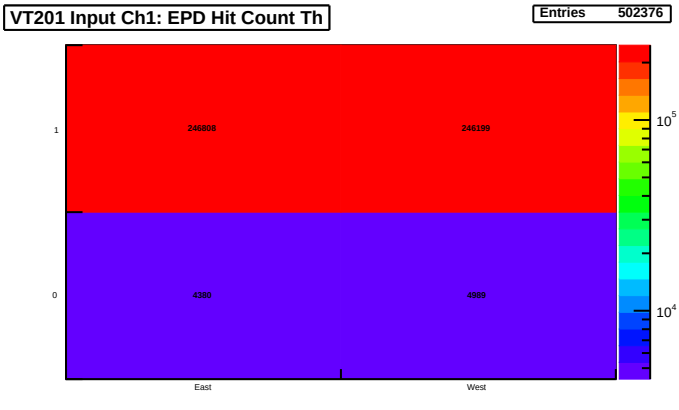

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

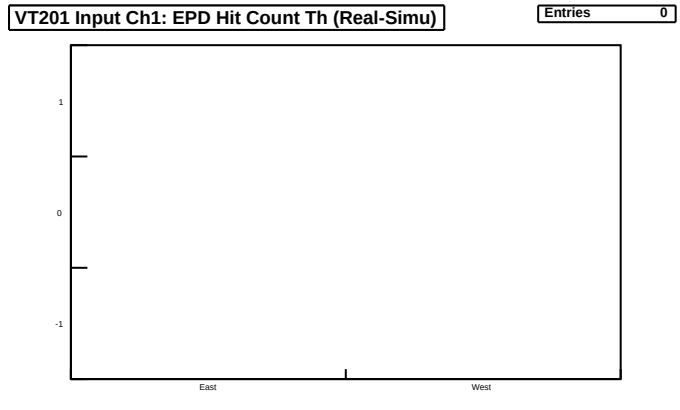

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 502376
193428
218260
57760
32928
East
West

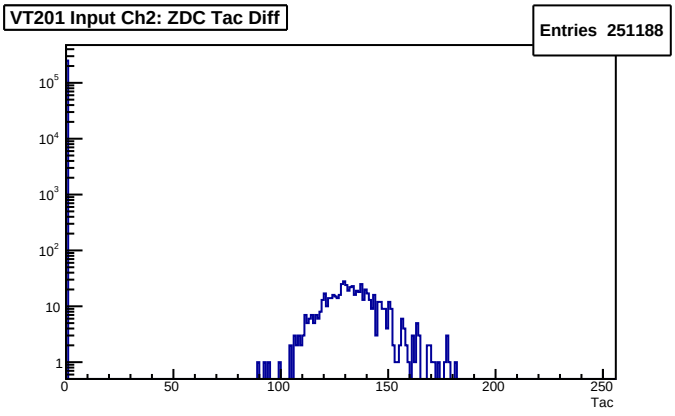

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

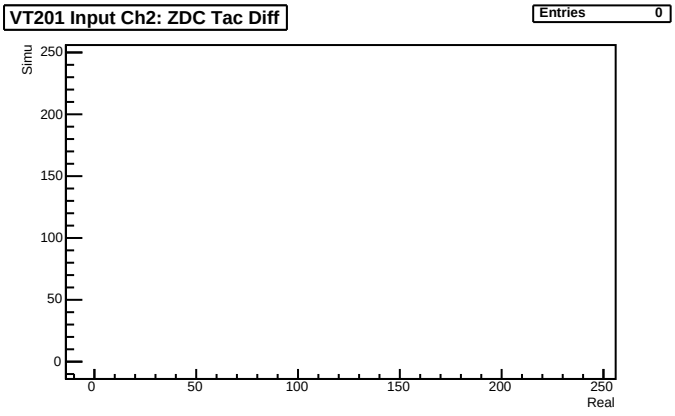

VT201 Input Ch1: EPD Tac Diff
Entries 251188
Tac

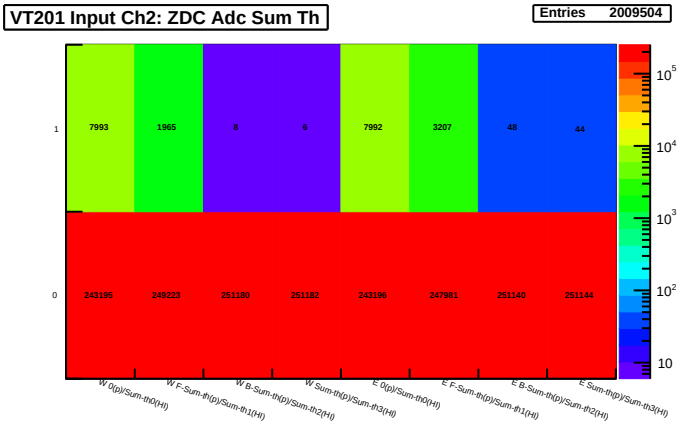

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

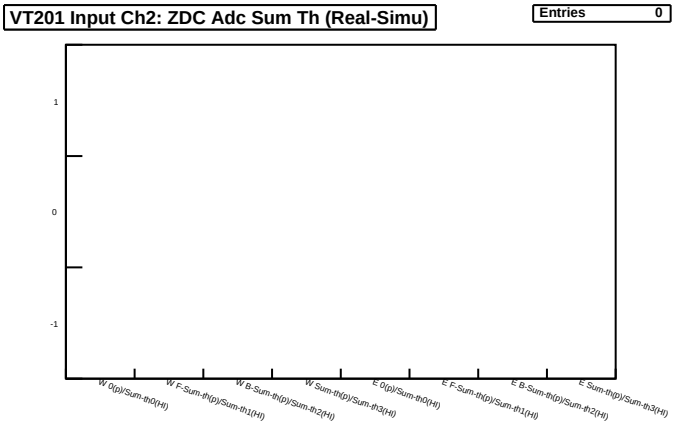

VT201 Input Ch1: EPD Hit Count Th
Entries 502376
246808
246199
4380
4989
East
West

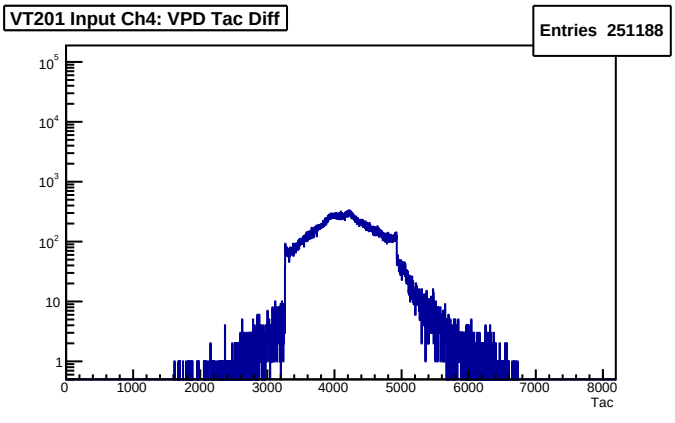

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

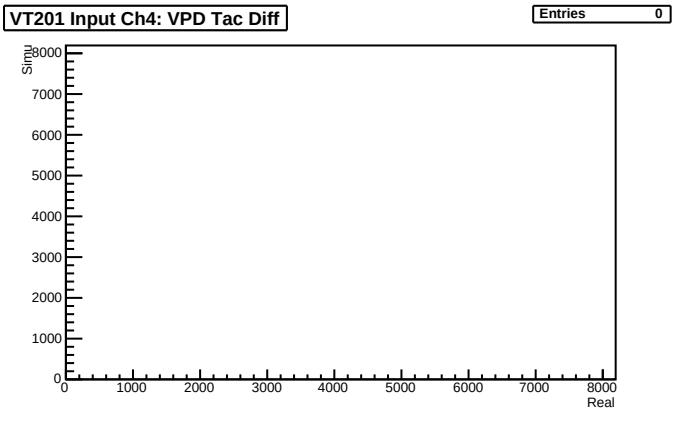

VT201 Input Ch2: ZDC Tac Diff
Entries 251188
Tac

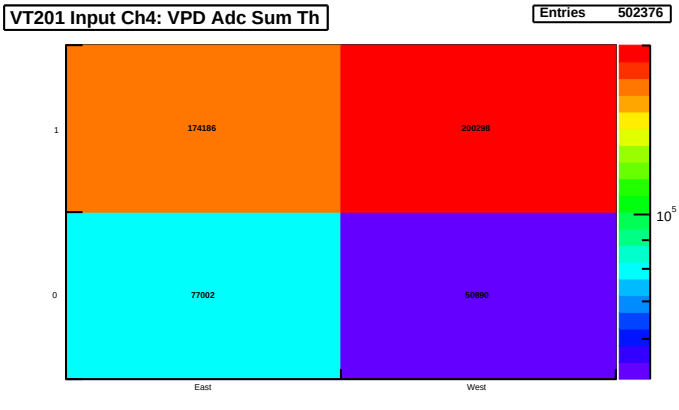

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

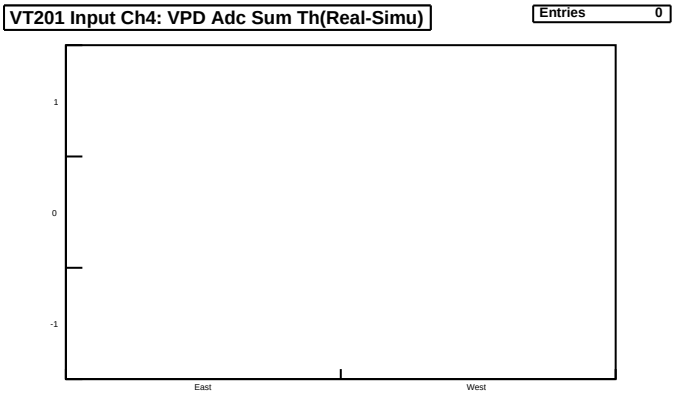

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2009504
7993
1965
8
6
7992
3207
48
44
243195
249223
251180
251182
243196
247981
251140
251144
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

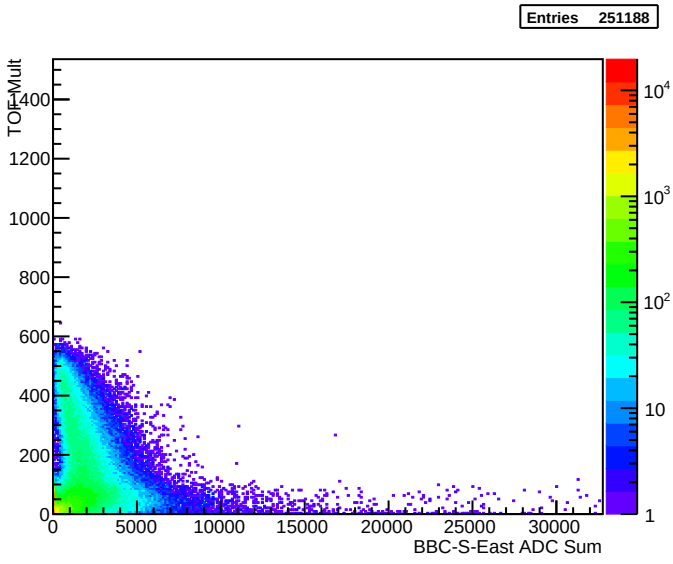

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

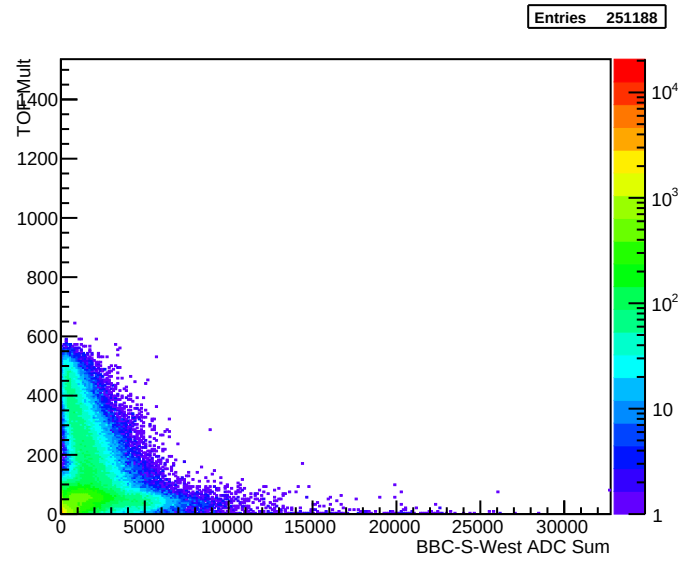

VT201 Input Ch4: VPD Tac Diff
Entries 251188
Tac

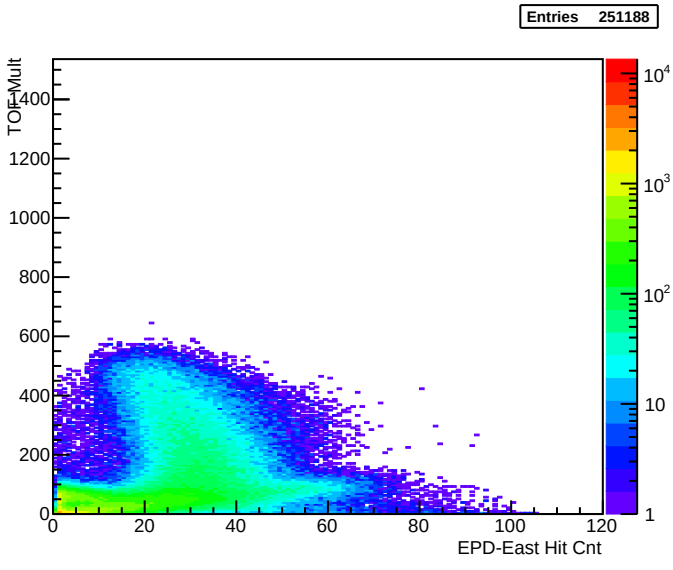

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

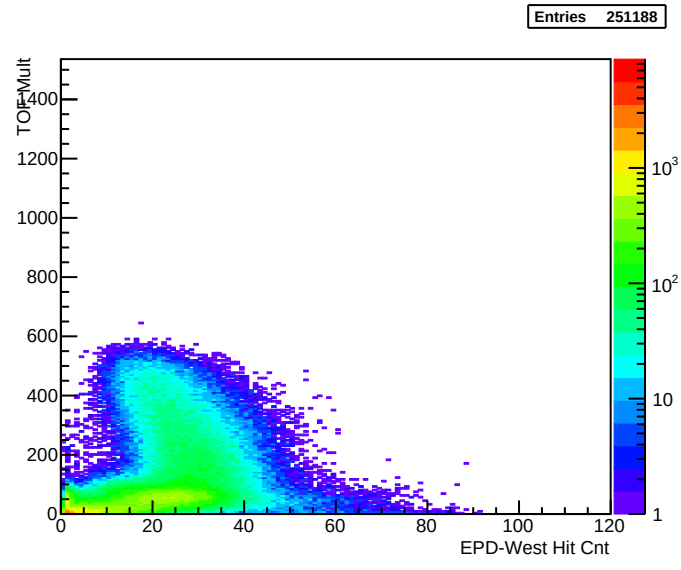

VT201 Input Ch4: VPD Adc Sum Th
Entries 502376
174186
200298
77002
50890
East
West

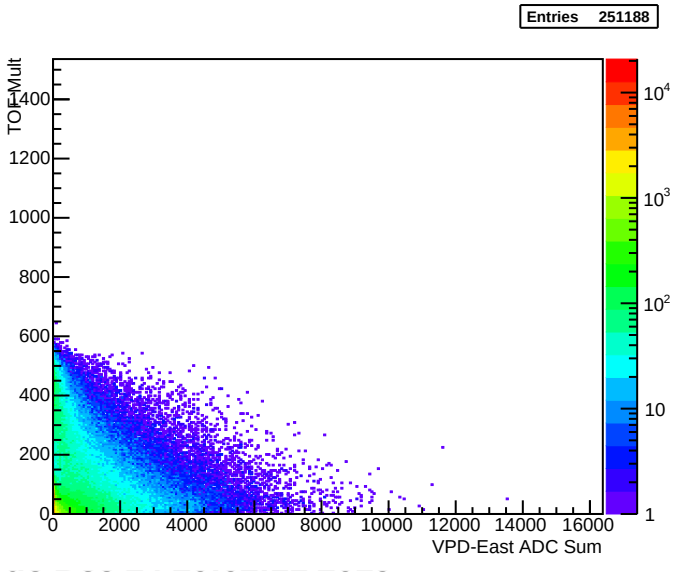

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

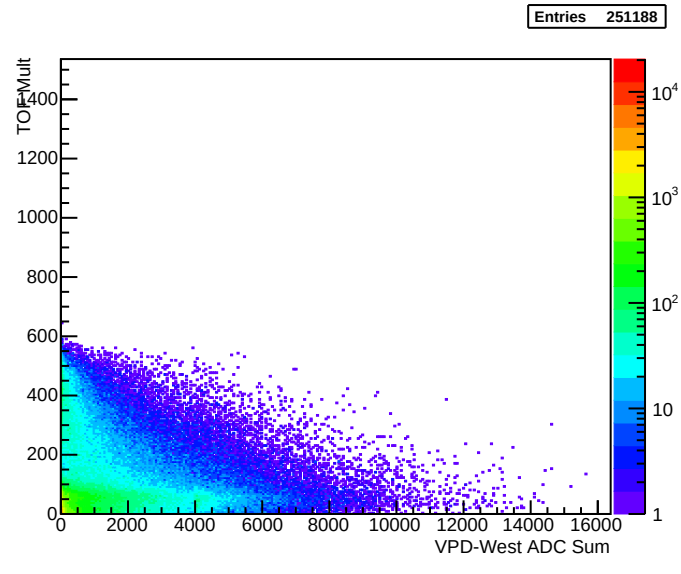

Entries 251188
TOF-Mult
BBC-S-East ADC Sum

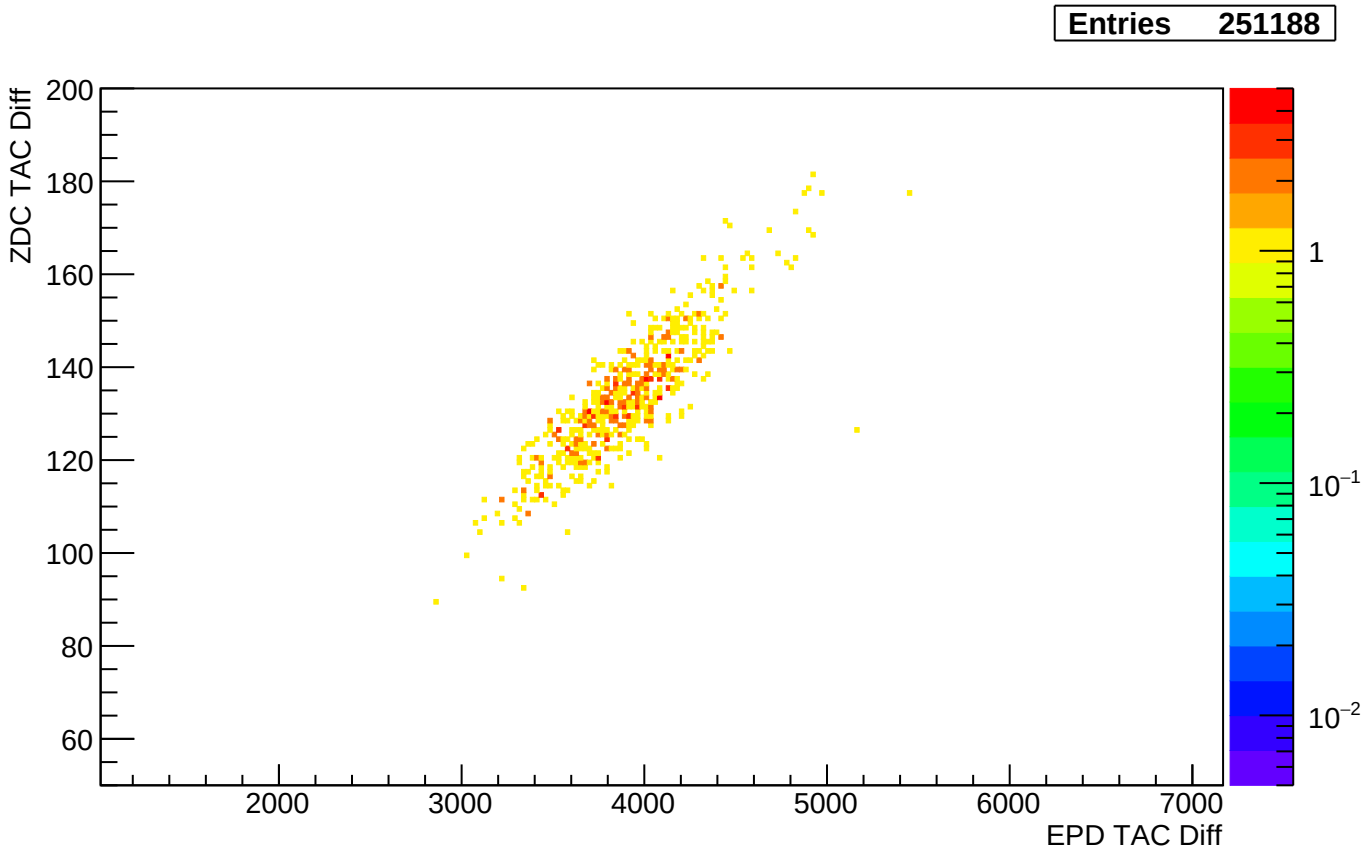

Entries 251188
TOF-Mult
BBC-S-West ADC Sum

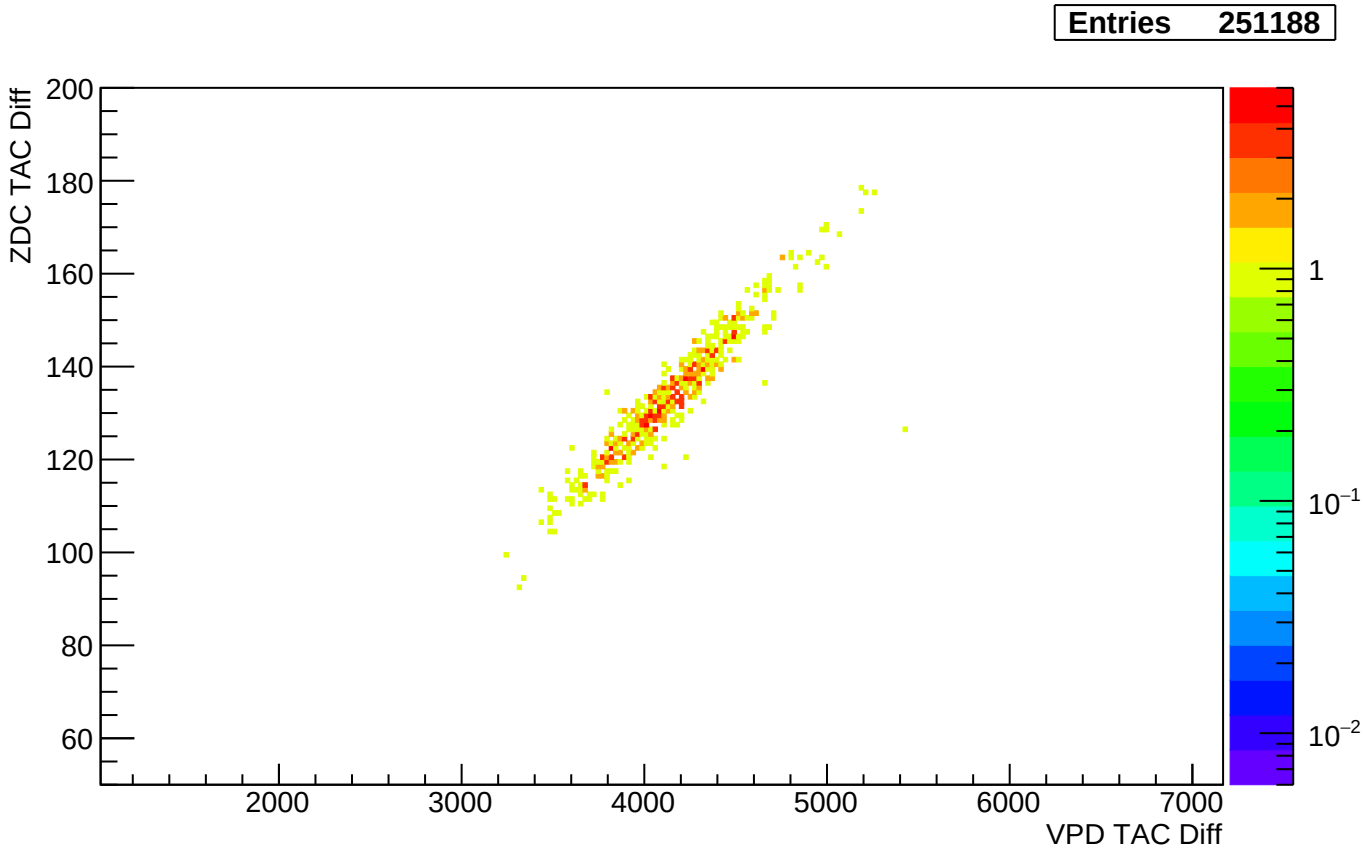

Entries 251188
TOF-Mult
EPD-East Hit Cnt

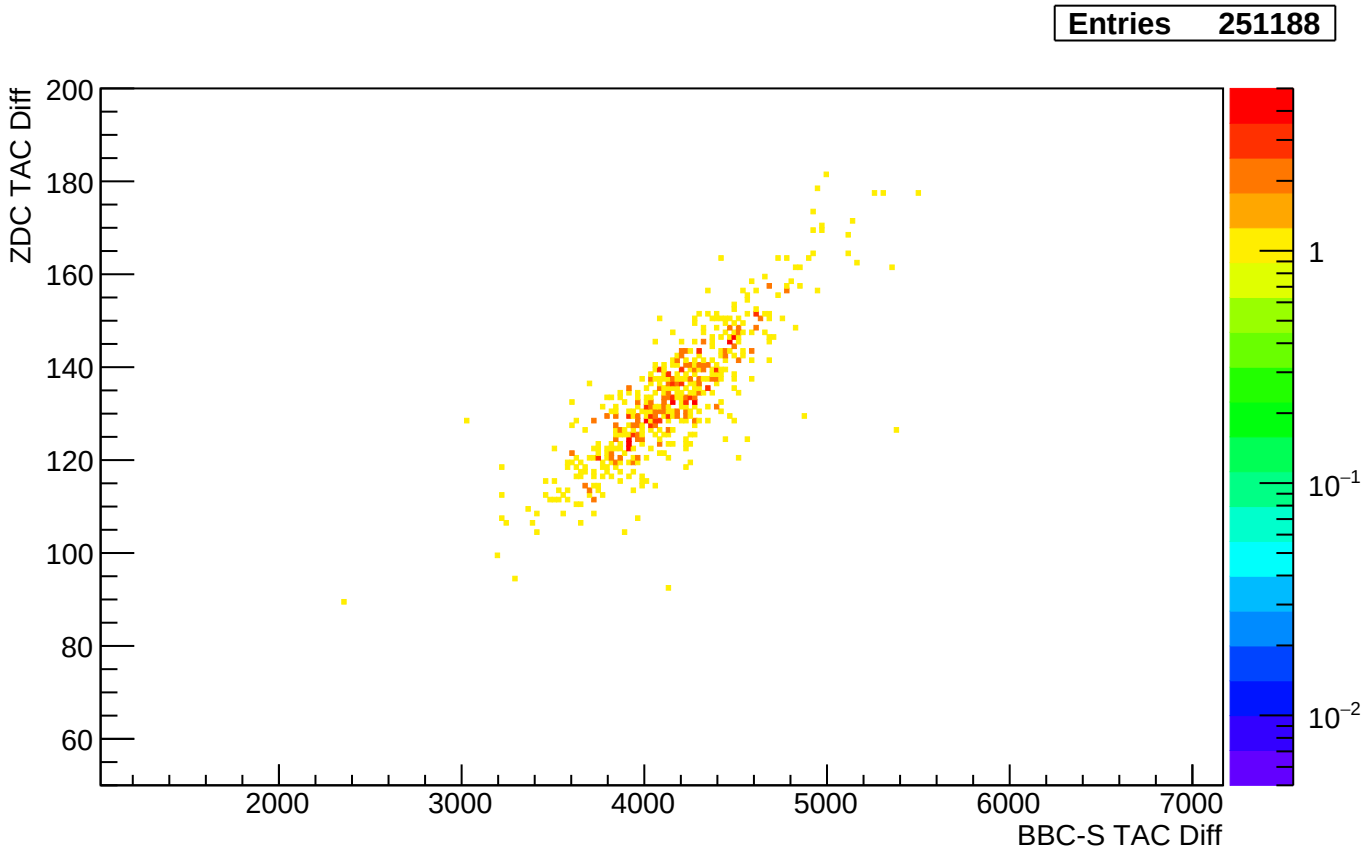

Entries 251188
TOF-Mult
EPD-West Hit Cnt

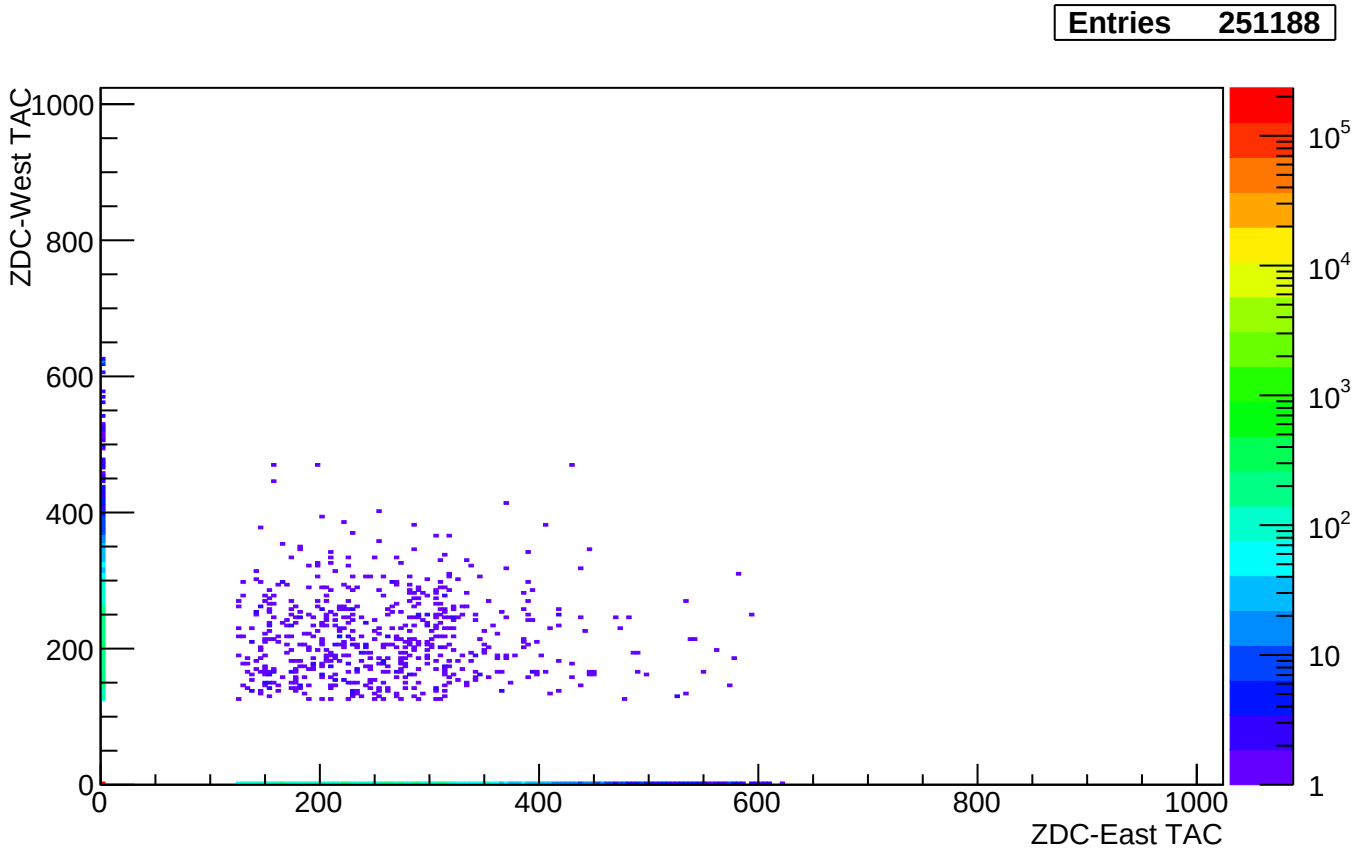

Entries 251188
TOF-Mult
VPD-East ADC Sum

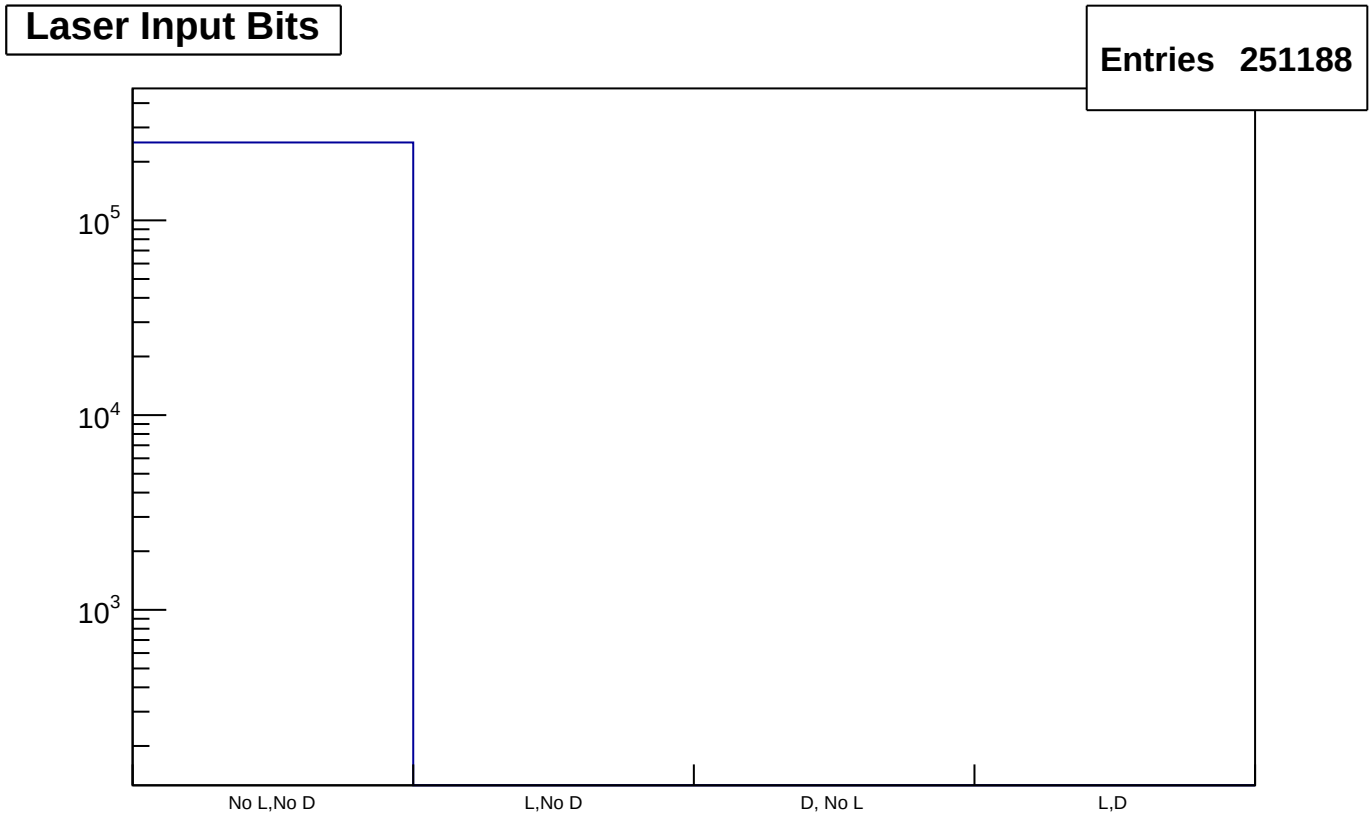

Entries 251188
TOF-Mult
VPD-West ADC Sum

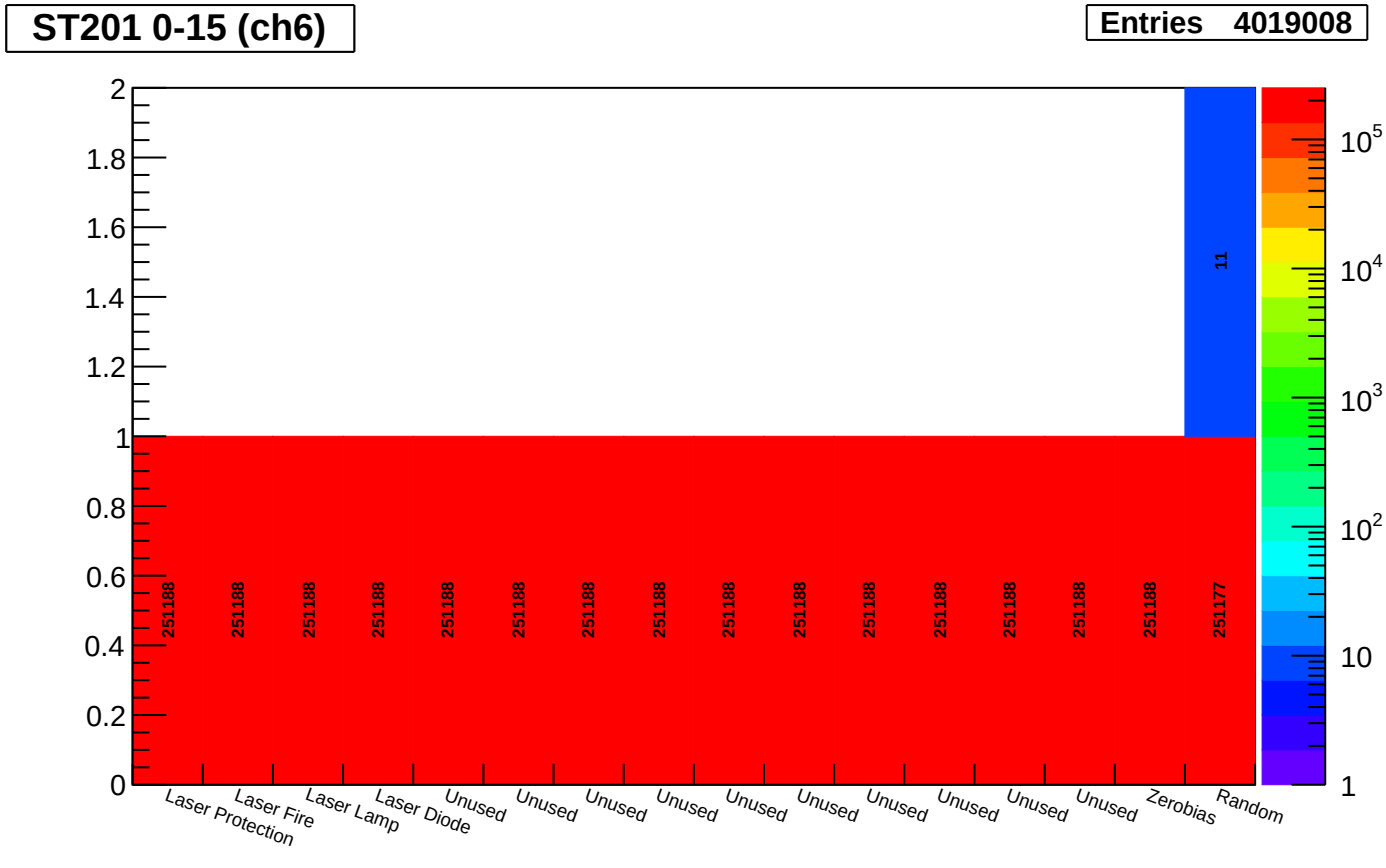

Entries 251188
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

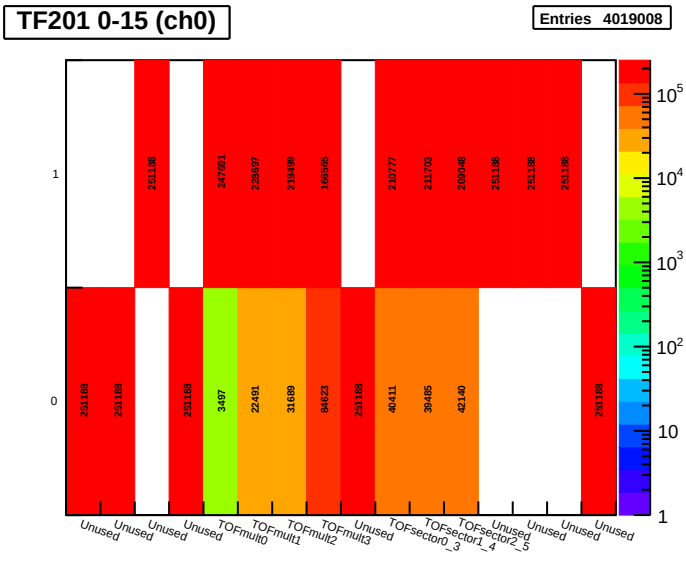

Entries 251188
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

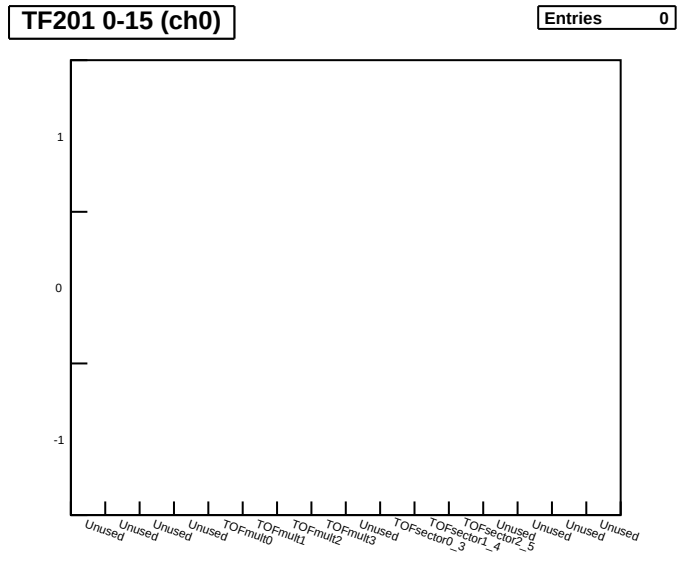

Entries 251188
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

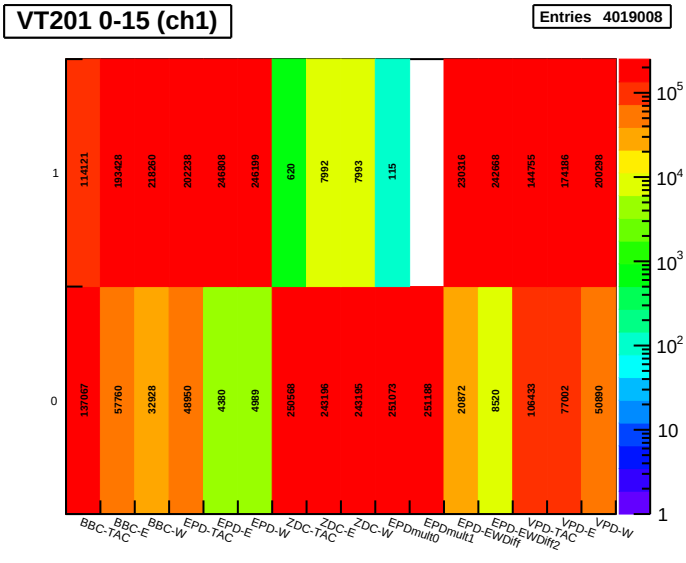

Entries 251188
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

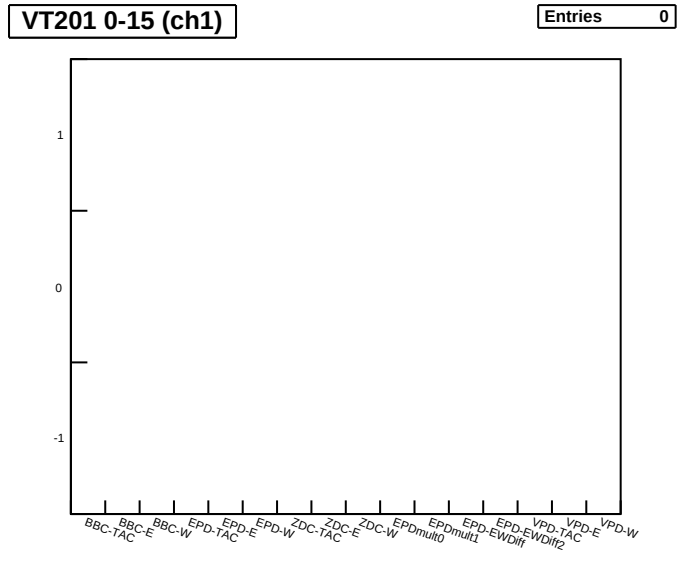

Laser Input Bits
Entries 251188
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

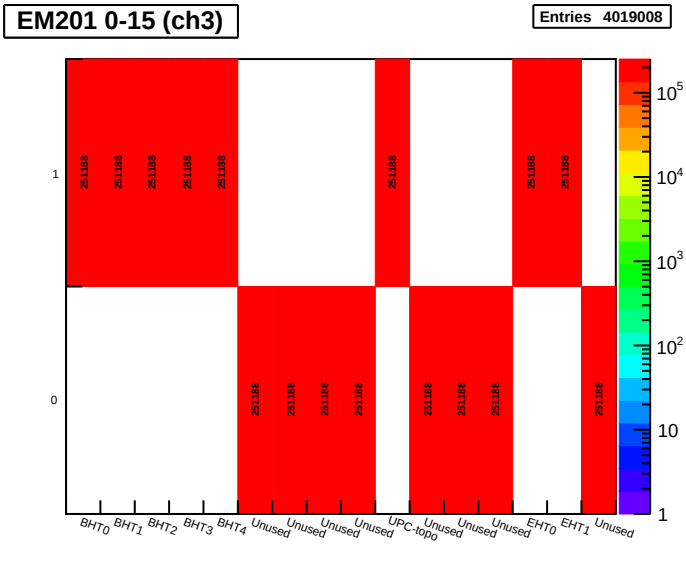

ST201 0-15 (ch6)
Entries 4019008
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
251188
251177
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

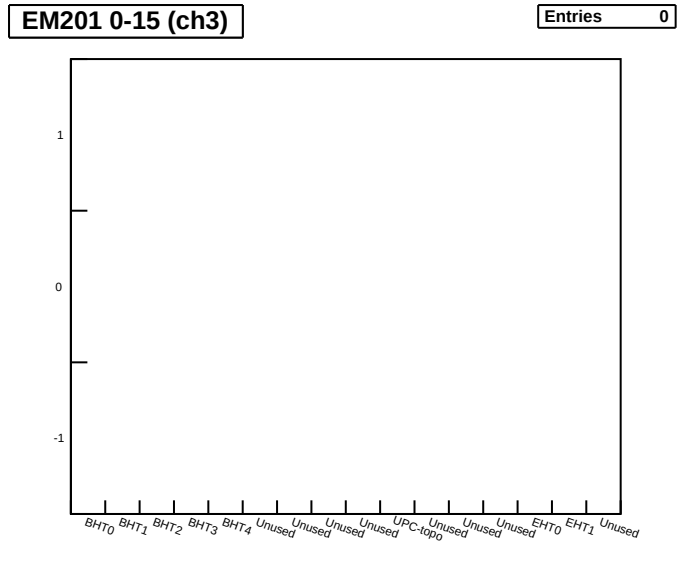

TF201 0-15 (ch0)
Entries 4019008
1
0
251188 247691 228697 219499 166565 210777 211703 209048 251188 251188 251188
251188 251188 251188 3497 22491 31689 84623 251188 40411 39485 42140 251188
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 4019008
1
0
114121 193428 218260 202238 246808 246199 620 7992 7993 115 230316 242668 144755 174186 200238
137067 57760 32928 48950 4380 4989 250568 243196 243195 231073 251188 20872 8520 106433 77002 50890
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 4019008
1
0
251188 251188 251188 251188 251188 251188 251188 251188 251188
251188 251188 251188 251188 251188 251188 251188 251188
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