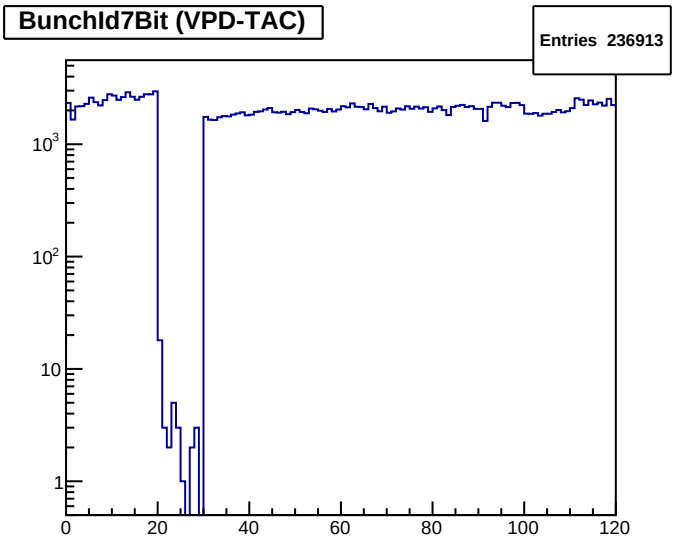
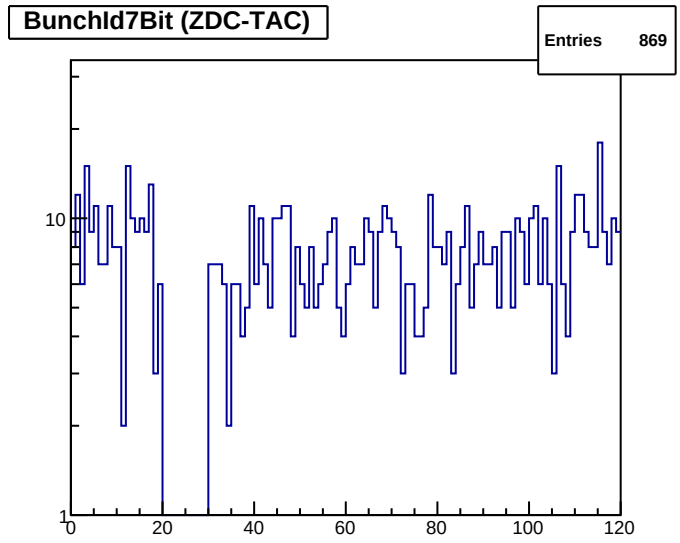
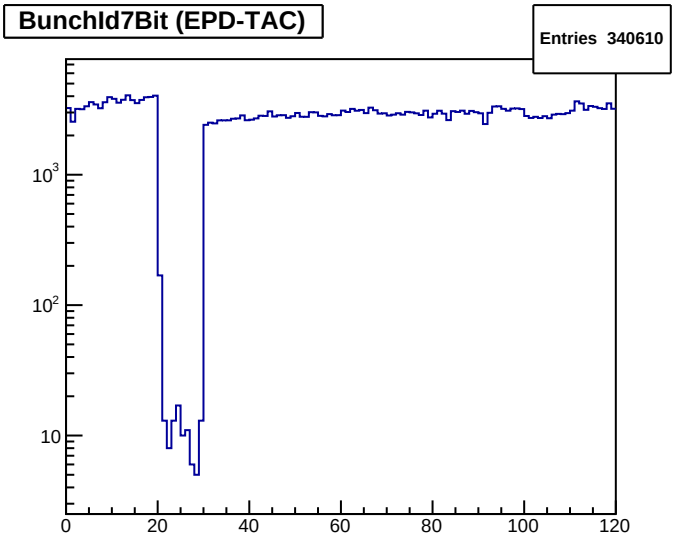
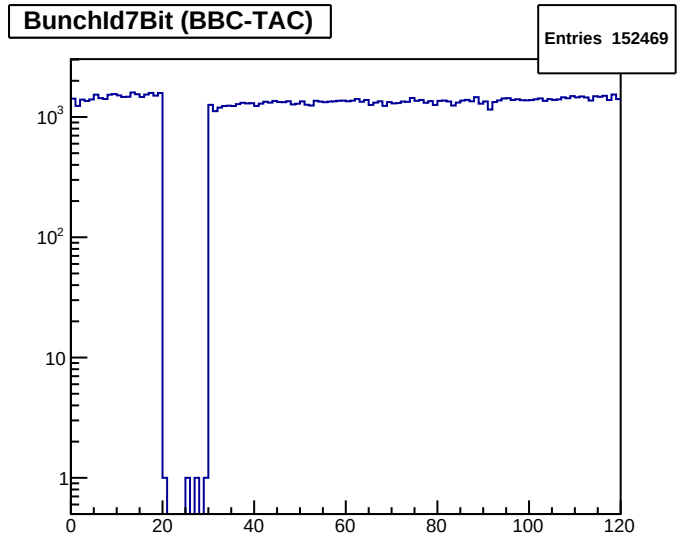
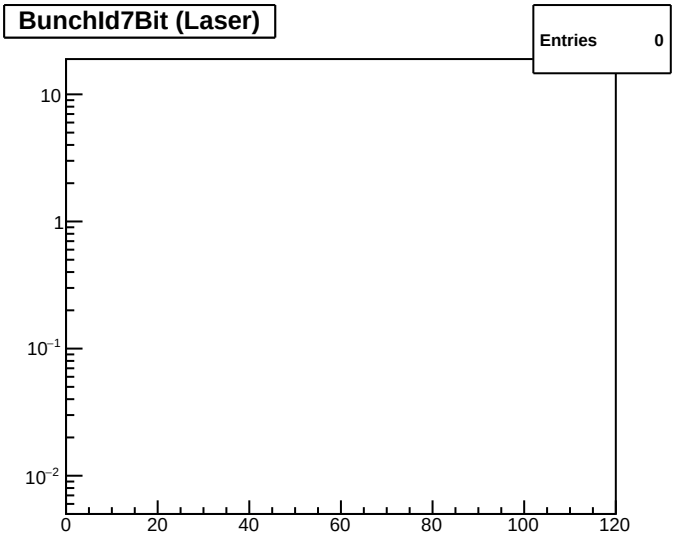
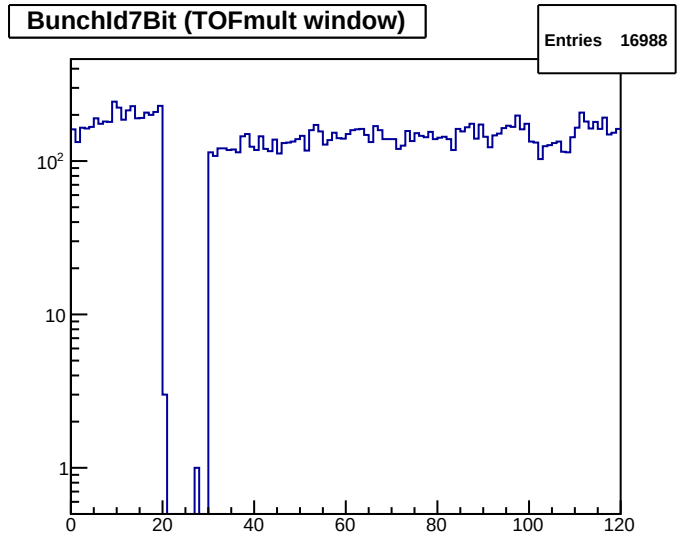

BunchId7Bit (VPD-TAC)
Entries 236913

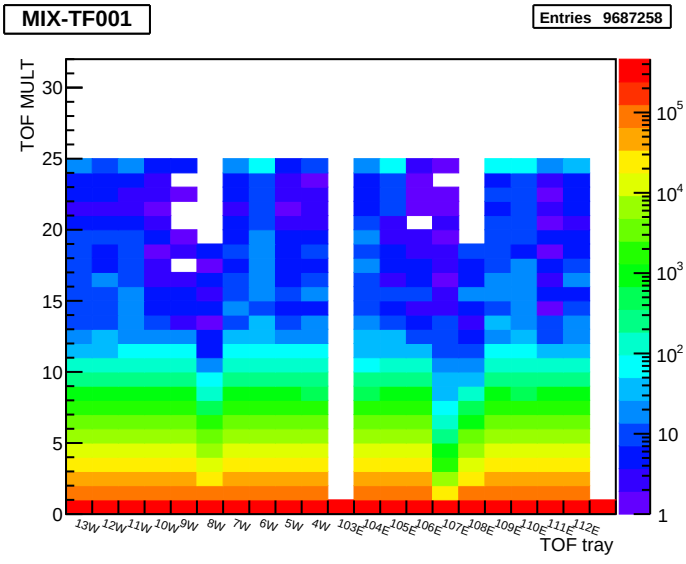

BunchId7Bit (ZDC-TAC)
Entries 869

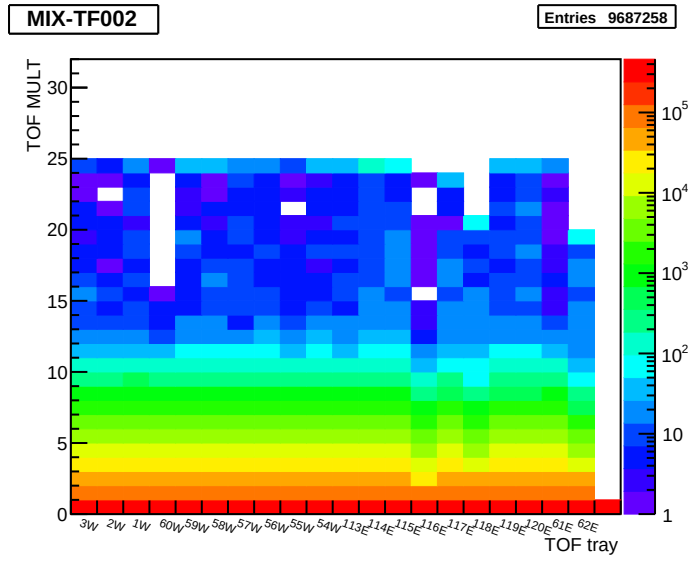

BunchId7Bit (EPD-TAC)
Entries 340610

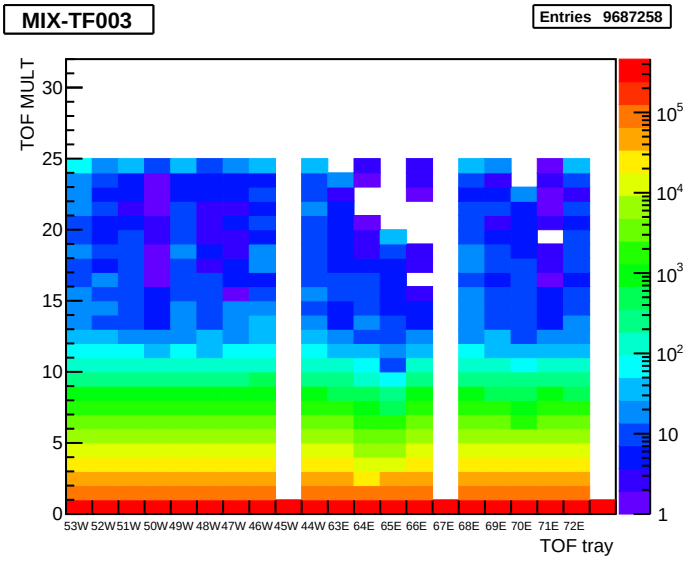

BunchId7Bit (BBC-TAC)
Entries 152469

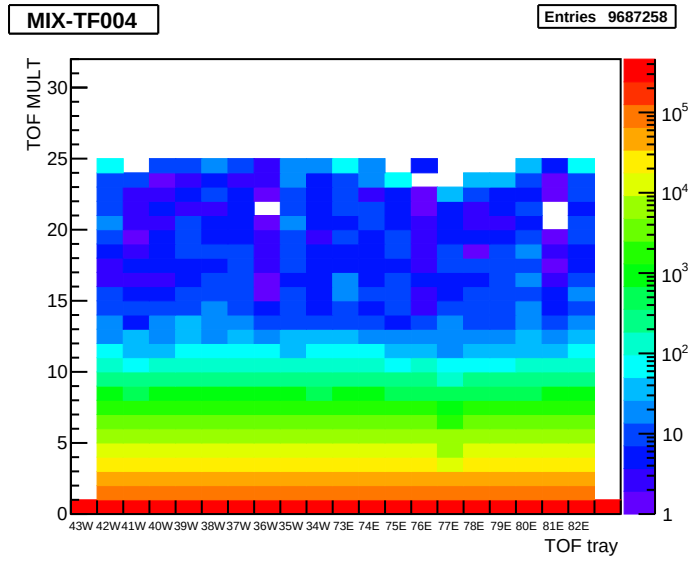

BunchId7Bit (Laser)
Entries 0

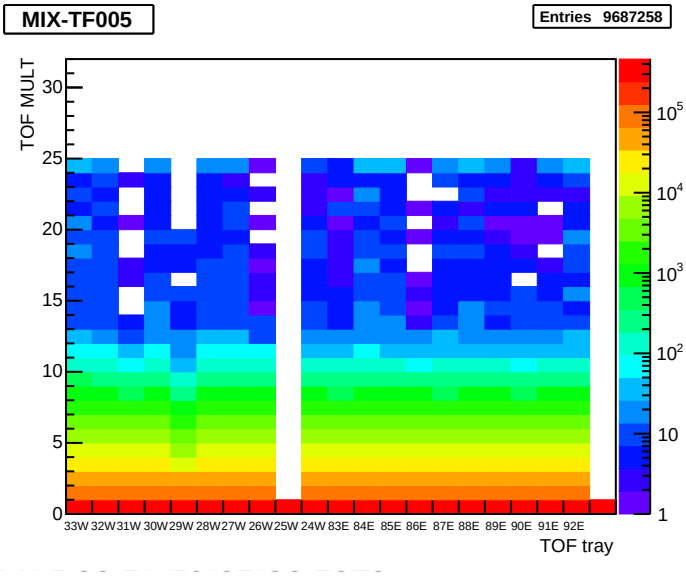

BunchId7Bit (TOFmult window)
Entries 16988

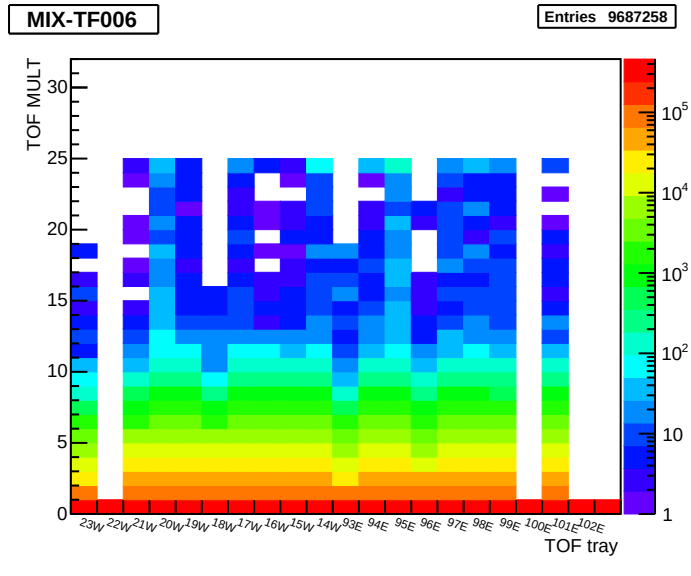

MIX-TF001
Entries 9687258
TOF MULT
TOF tray

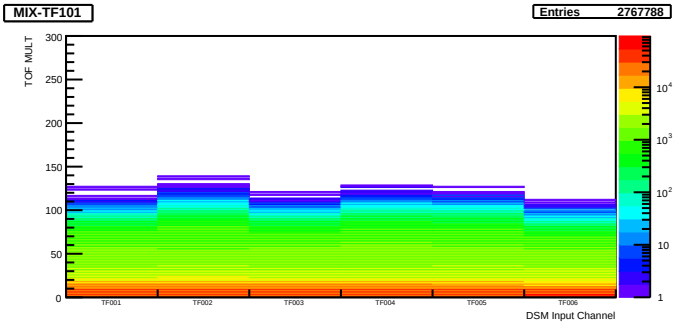

MIX-TF002
Entries 9687258
TOF MULT
TOF tray

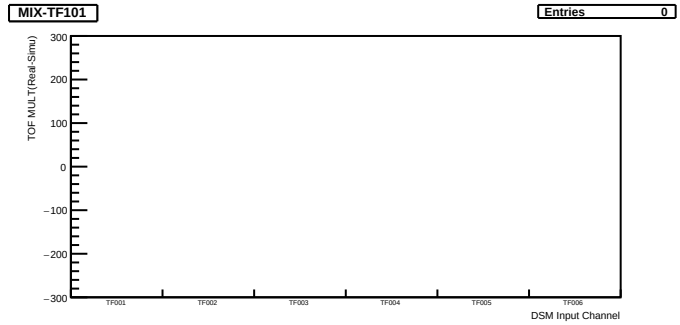

MIX-TF003
Entries 9687258
TOF MULT
TOF tray

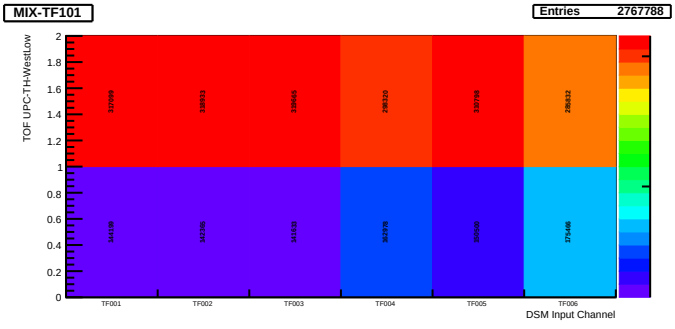

MIX-TF004
Entries 9687258
TOF MULT
TOF tray

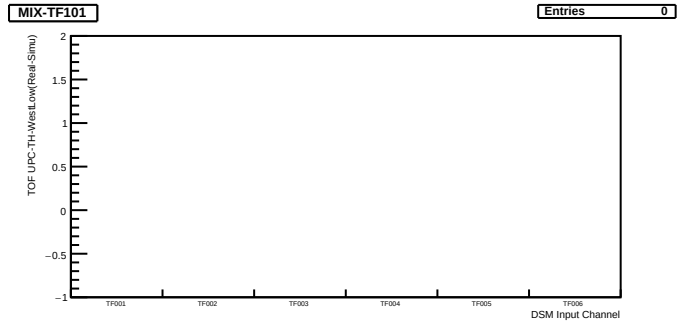

MIX-TF005
Entries 9687258
TOF MULT
TOF tray

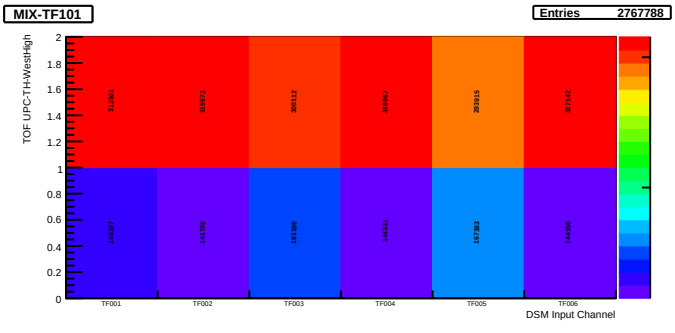

MIX-TF006
Entries 9687258
TOF MULT
TOF tray

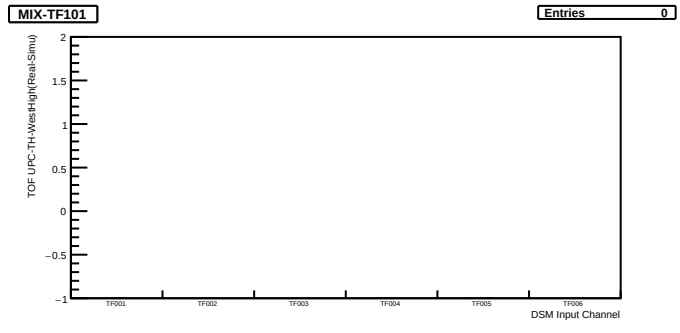

MIX-TF101
Entries 2767788
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

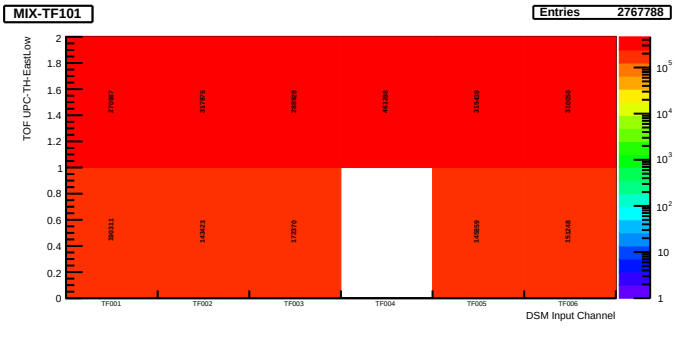

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

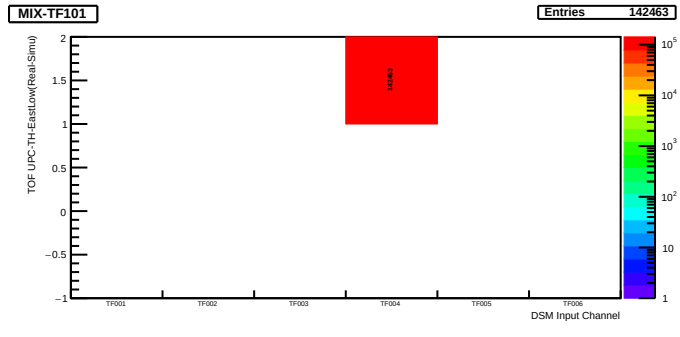

MIX-TF101
Entries 2767788
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

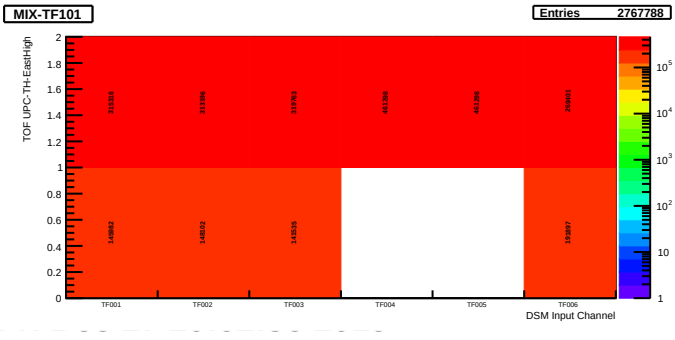

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

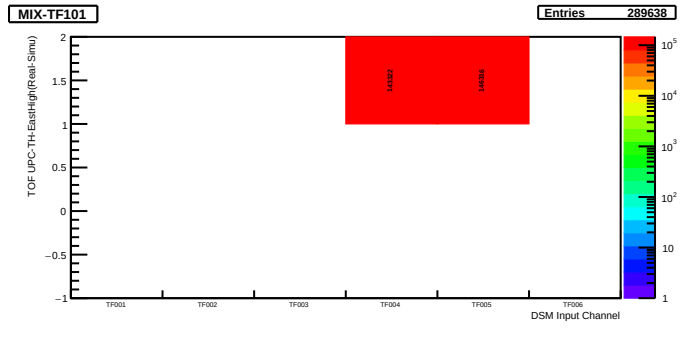

MIX-TF101
Entries 2767788
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

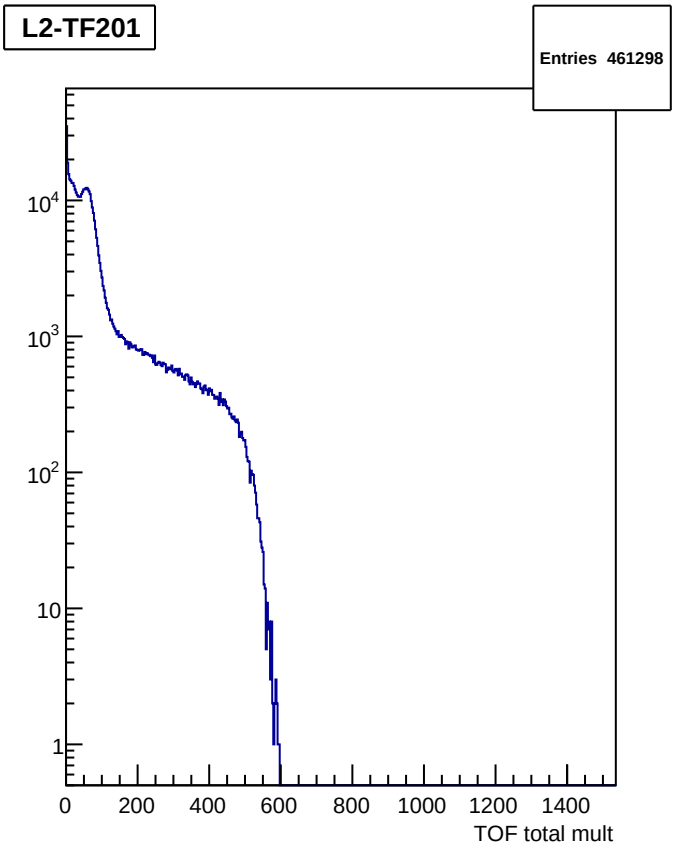

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

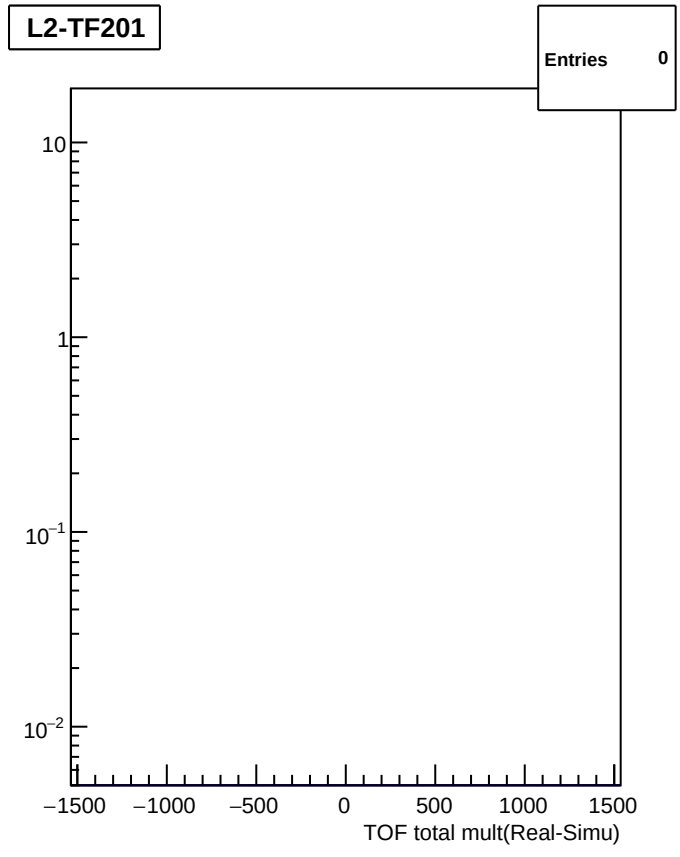

MIX-TF101
Entries 2767788
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

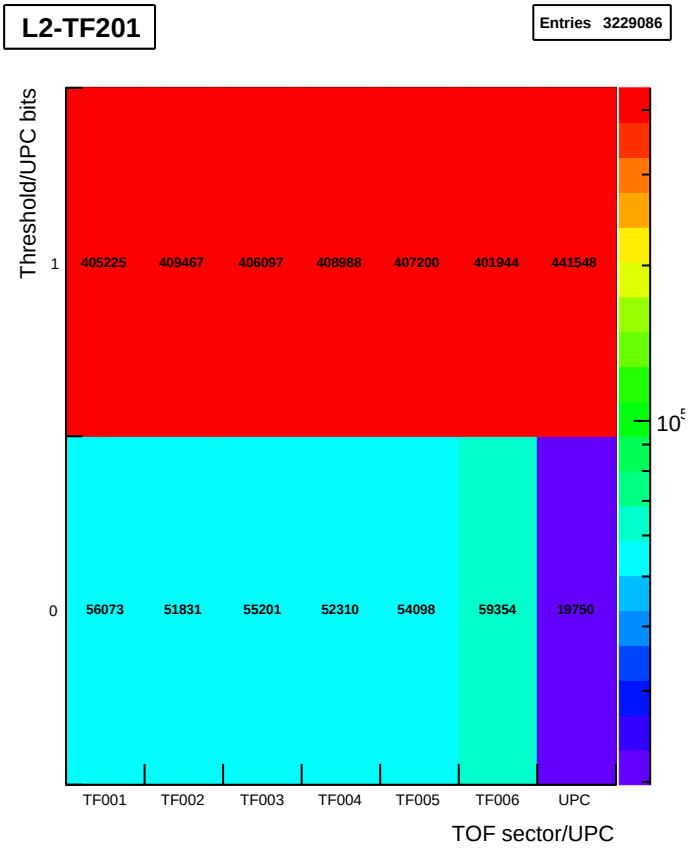

MIX-TF101
Entries 142463
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

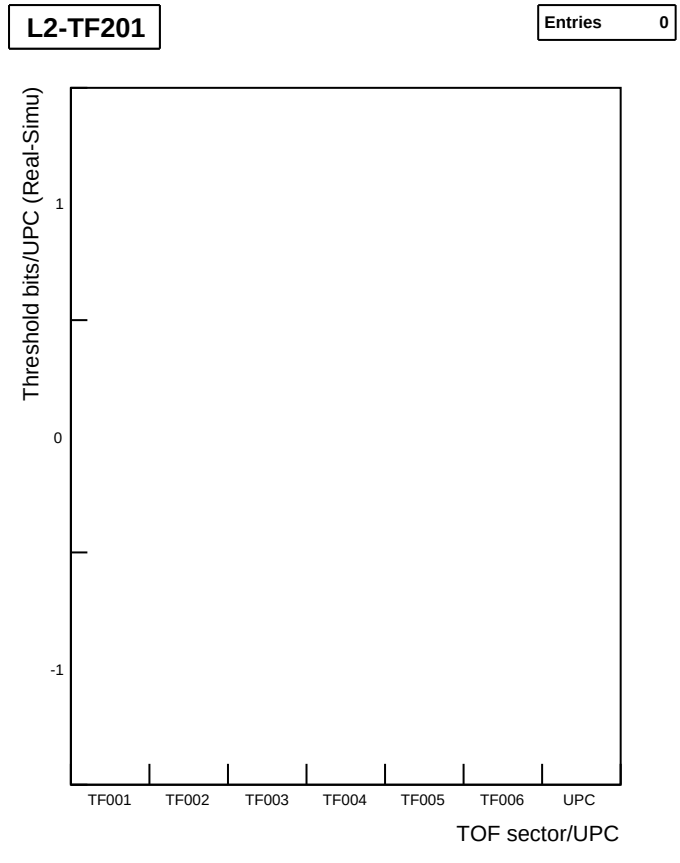

MIX-TF101
Entries 2767788
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

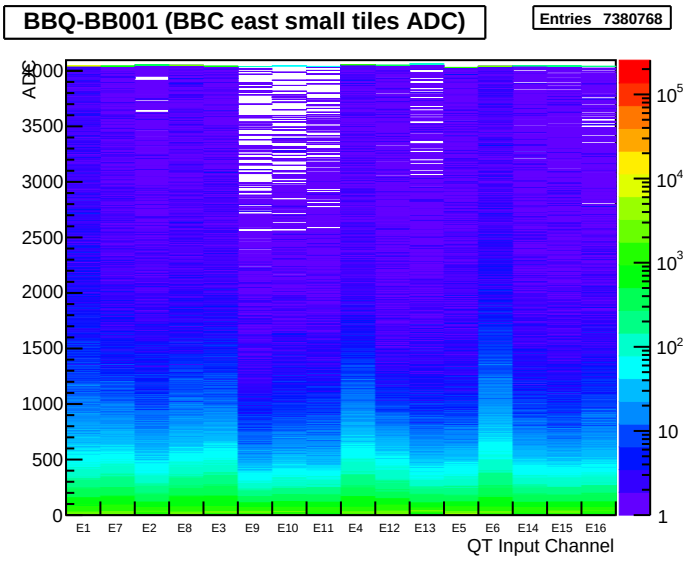

MIX-TF101
Entries 289638
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

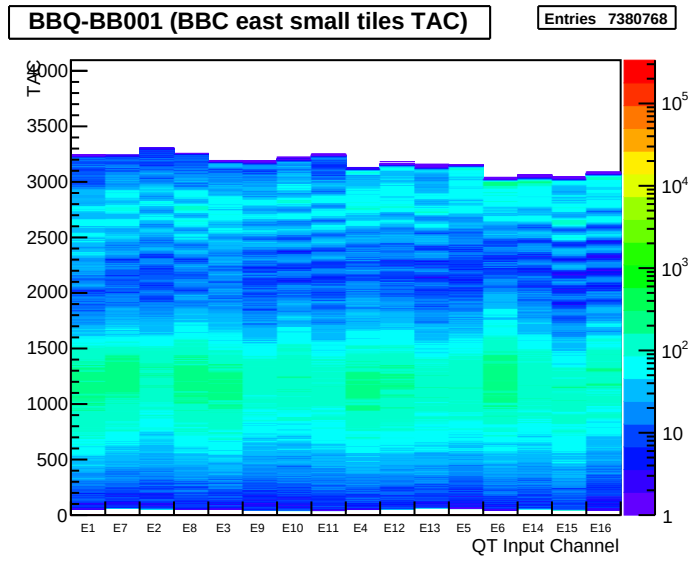

L2-TF201
Entries 461298
TOF total mult

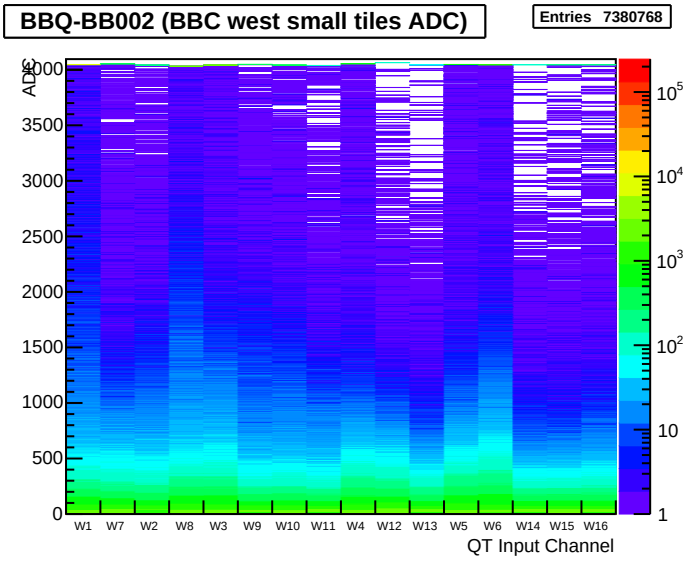

L2-TF201
Entries 0
TOF total mult(Real-Simu)

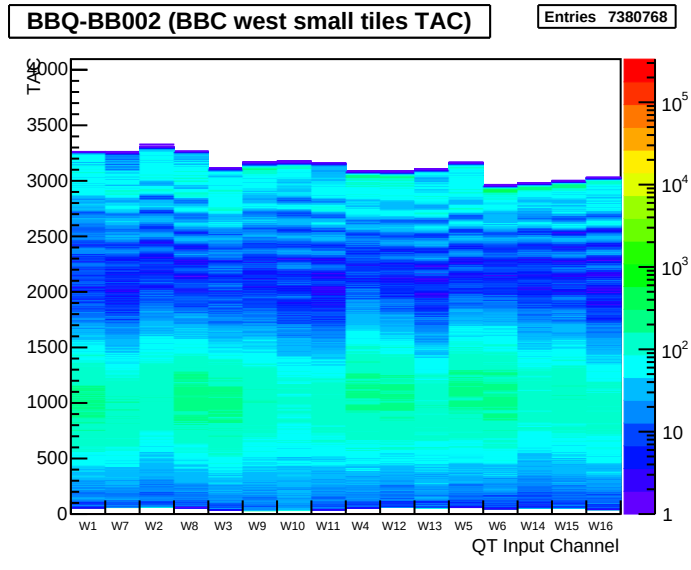

L2-TF201
Entries 3229086
Threshold/UPC bits
405225 409467 406097 408988 407200 401944 441548
56073 51831 55201 52310 54098 59354 19750
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

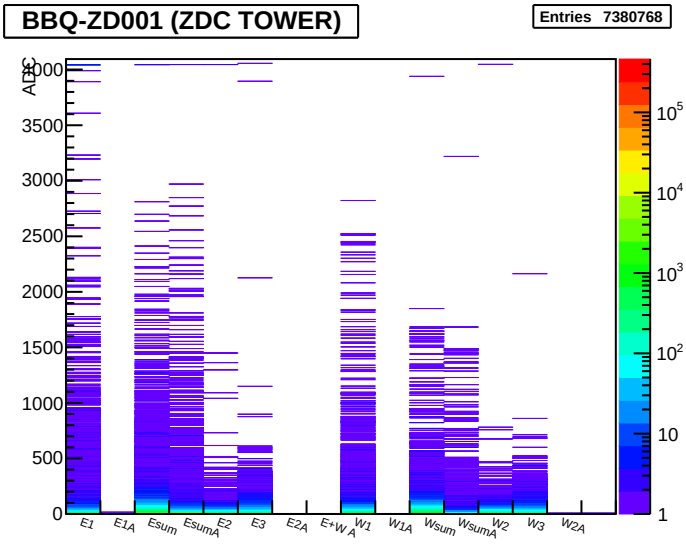

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

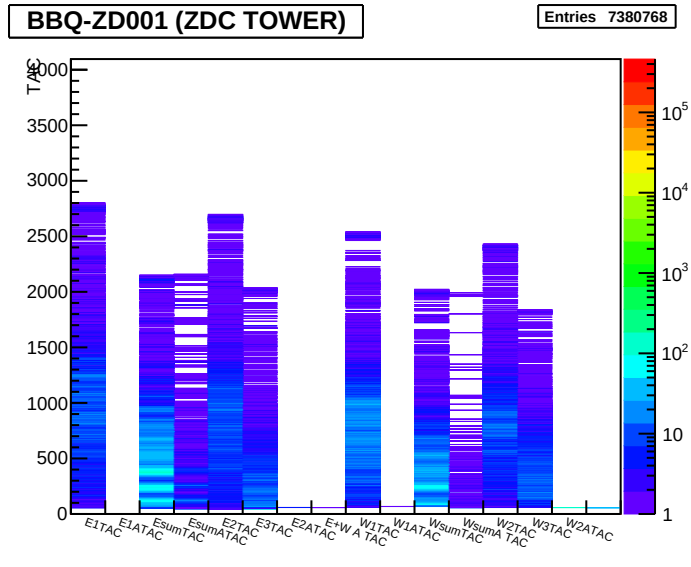

BBQ-BB001 (BBC east small tiles ADC)
Entries 7380768
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

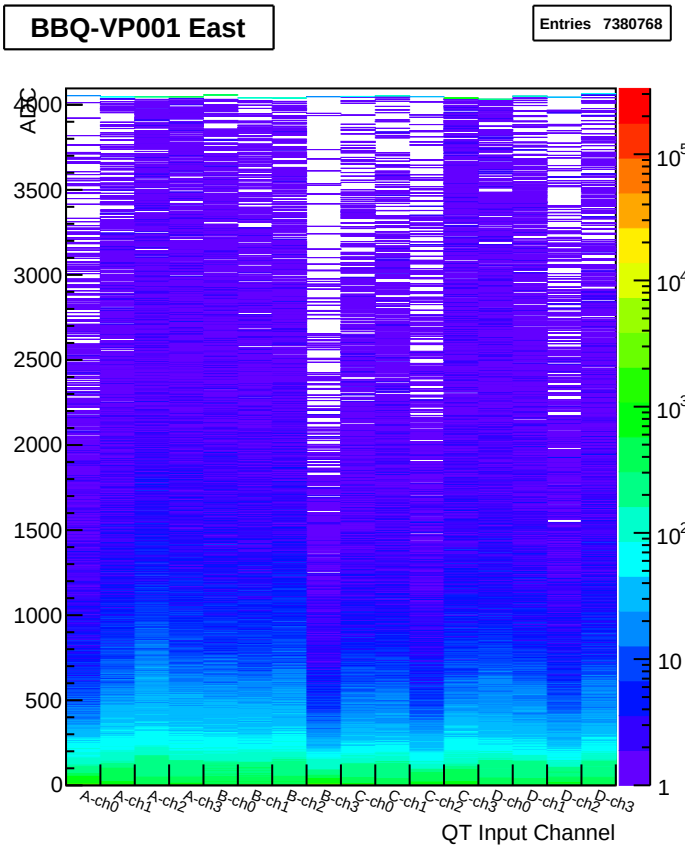

BBQ-BB001 (BBC east small tiles TAC)
Entries 7380768
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

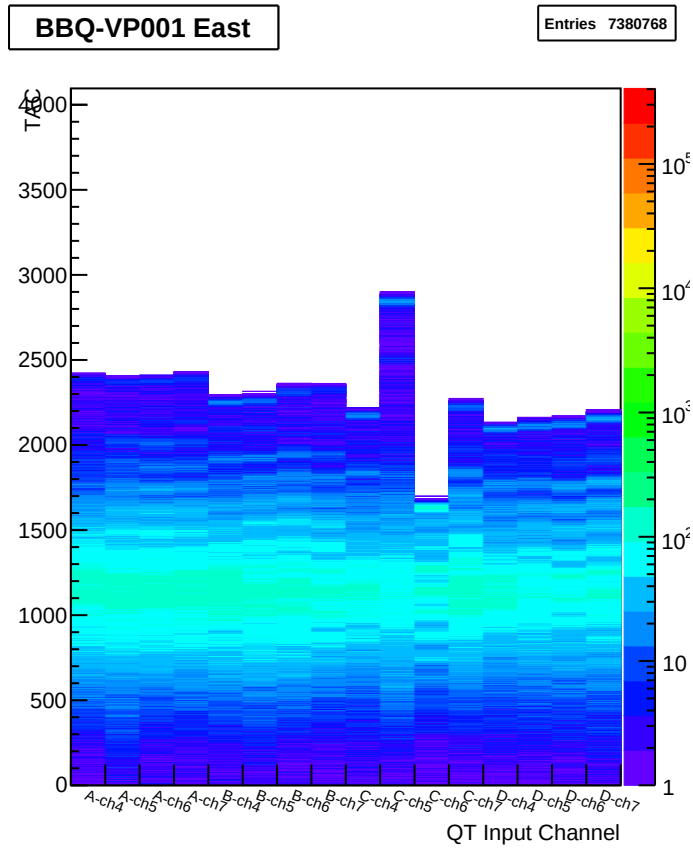

BBQ-BB002 (BBC west small tiles ADC)
Entries 7380768
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

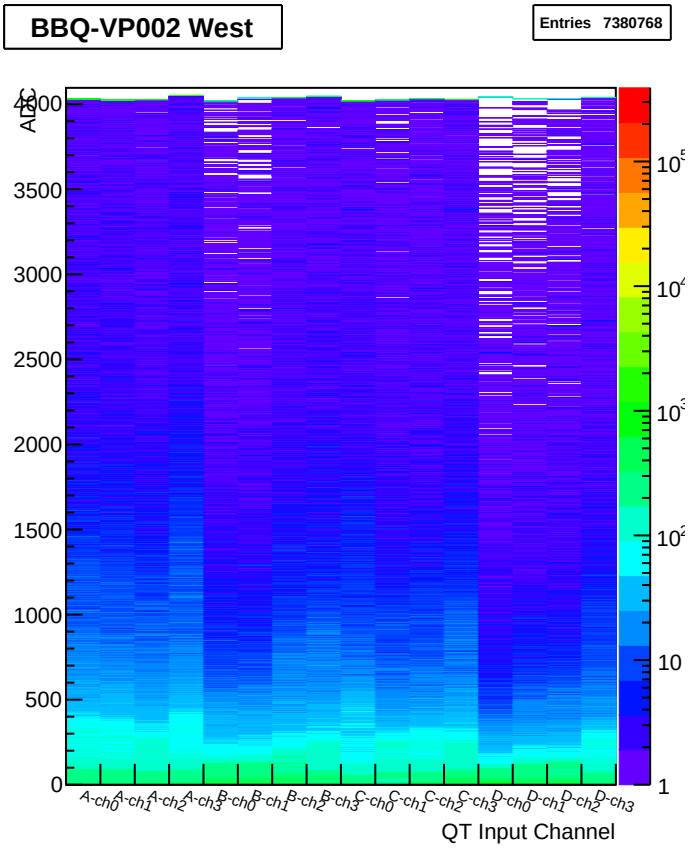

BBQ-BB002 (BBC west small tiles TAC)
Entries 7380768
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

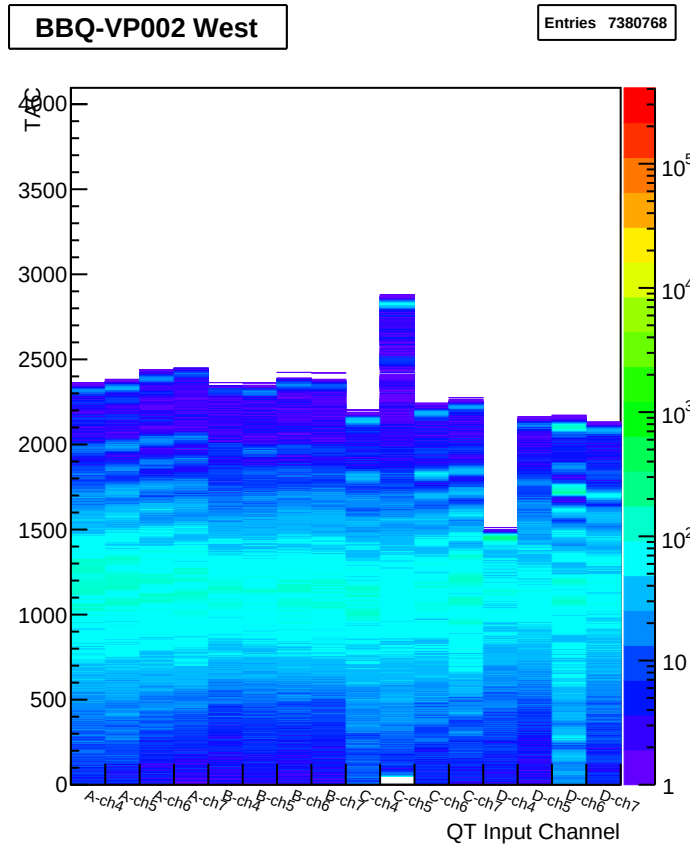

BBQ-ZD001 (ZDC TOWER)
Entries 7380768
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

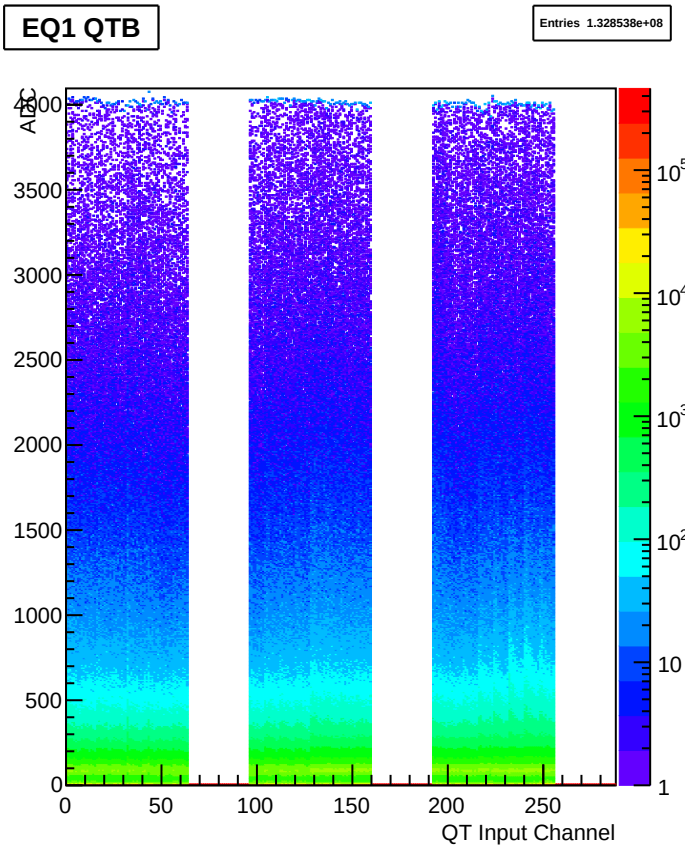

BBQ-ZD001 (ZDC TOWER)
Entries 7380768
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

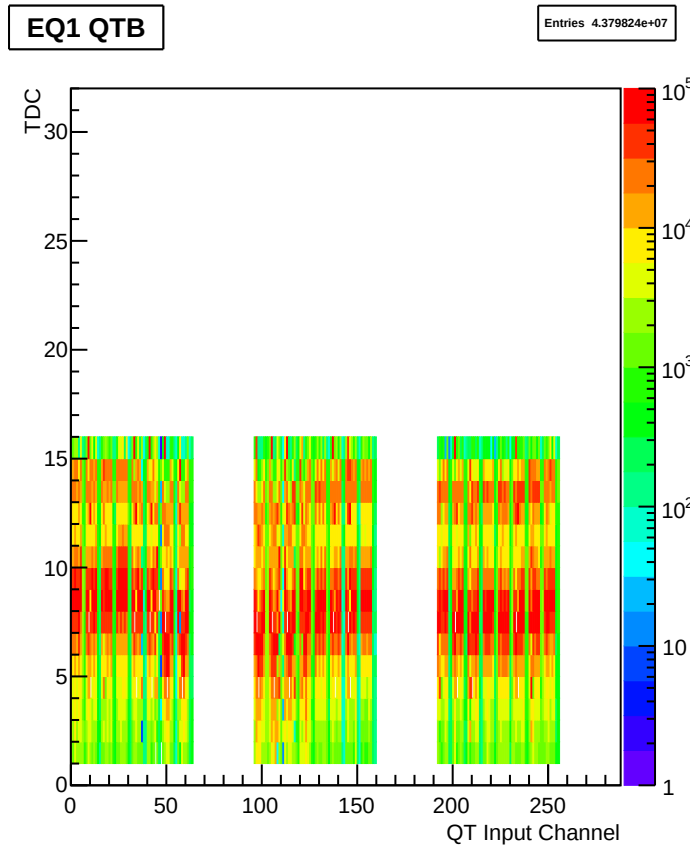

BBQ-VP001 East
Entries 7380768
ADC
QT Input Channel

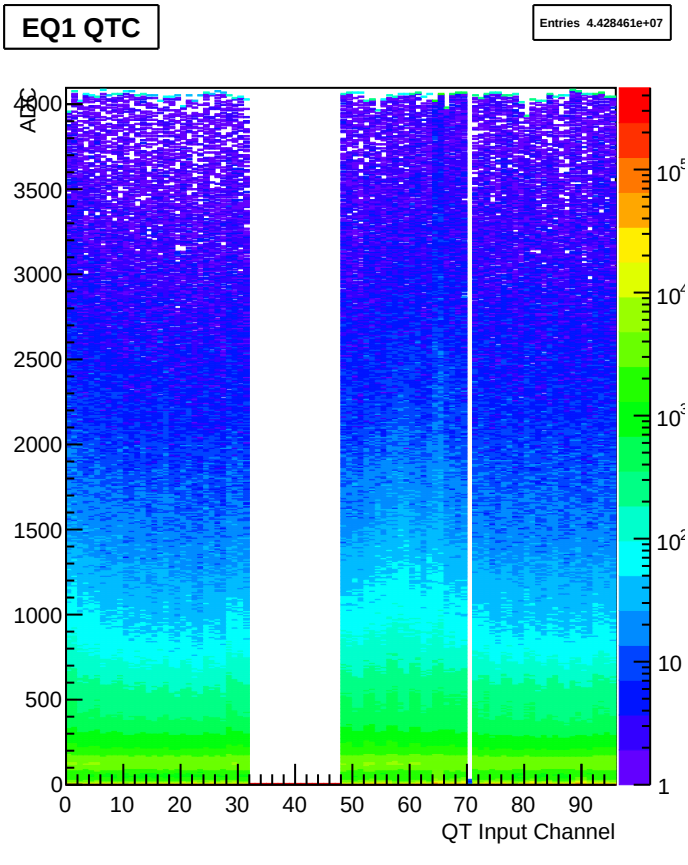

BBQ-VP001 East
Entries 7380768
ADC
QT Input Channel

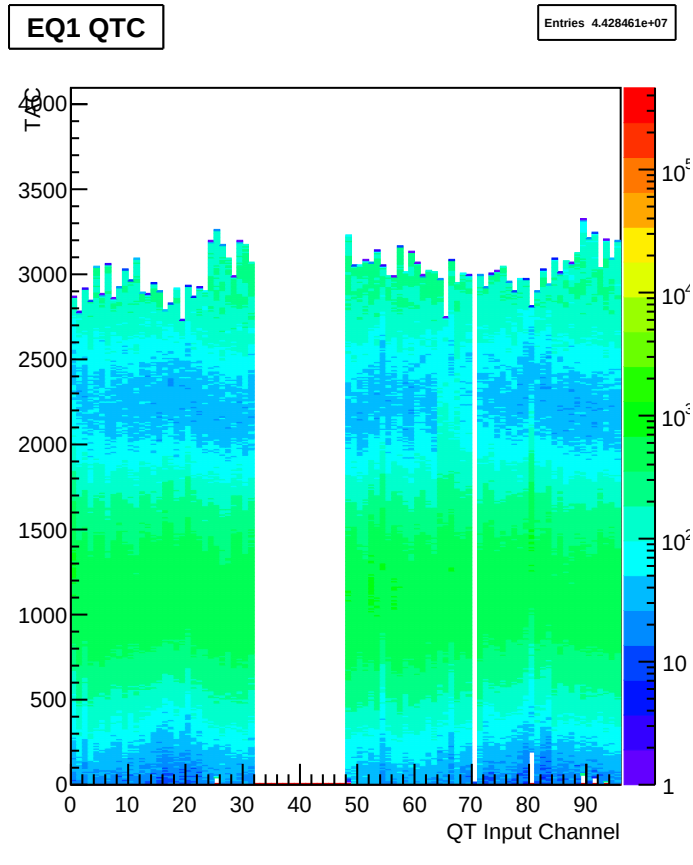

BBQ-VP002 West
Entries 7380768
ADC
QT Input Channel

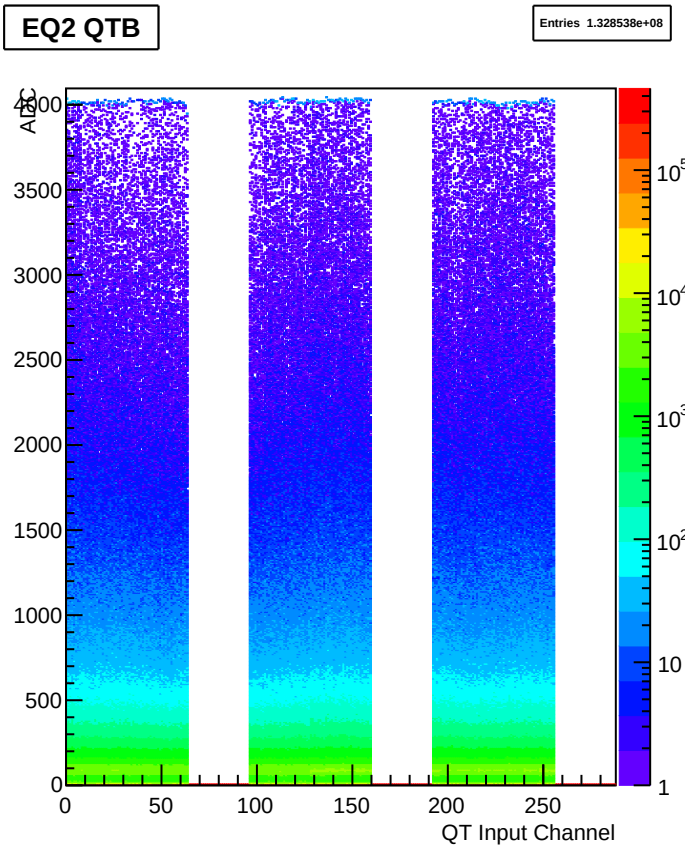

BBQ-VP002 West
Entries 7380768
ADC
QT Input Channel

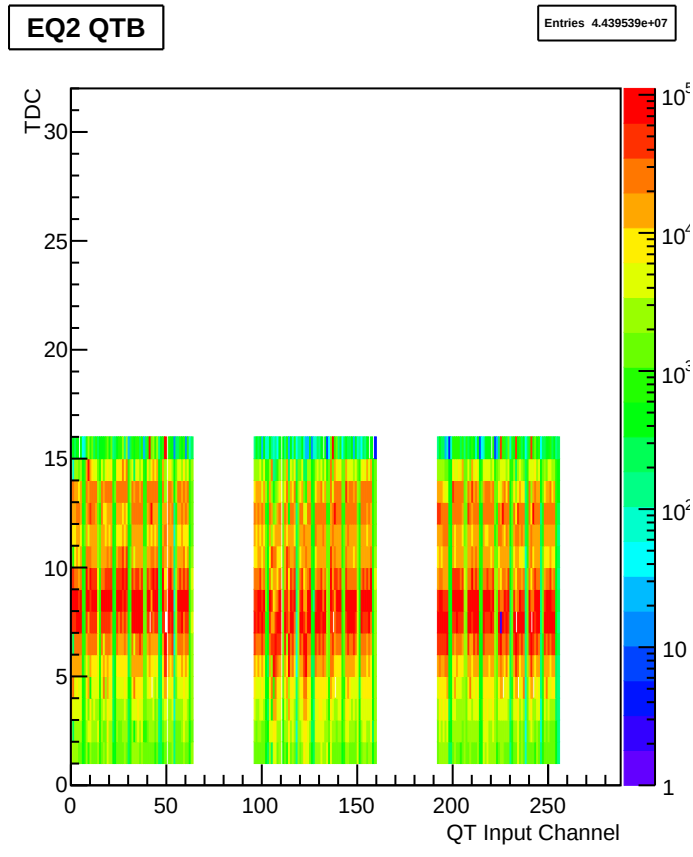

EQ1 QTB
Entries 1.328538e+08
ADC
QT Input Channel

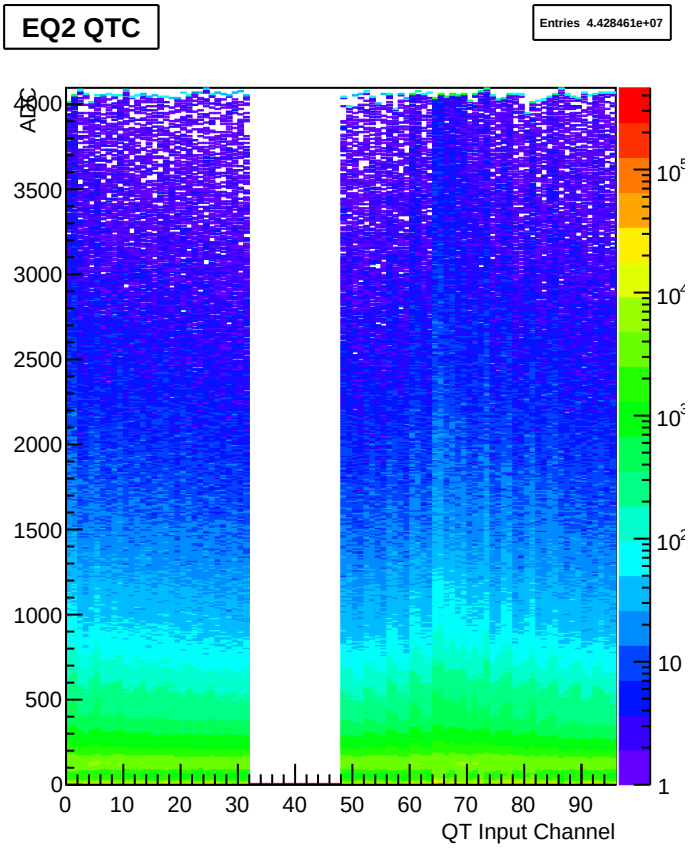

EQ1 QTB
Entries 4.379824e+07
TDC
QT Input Channel

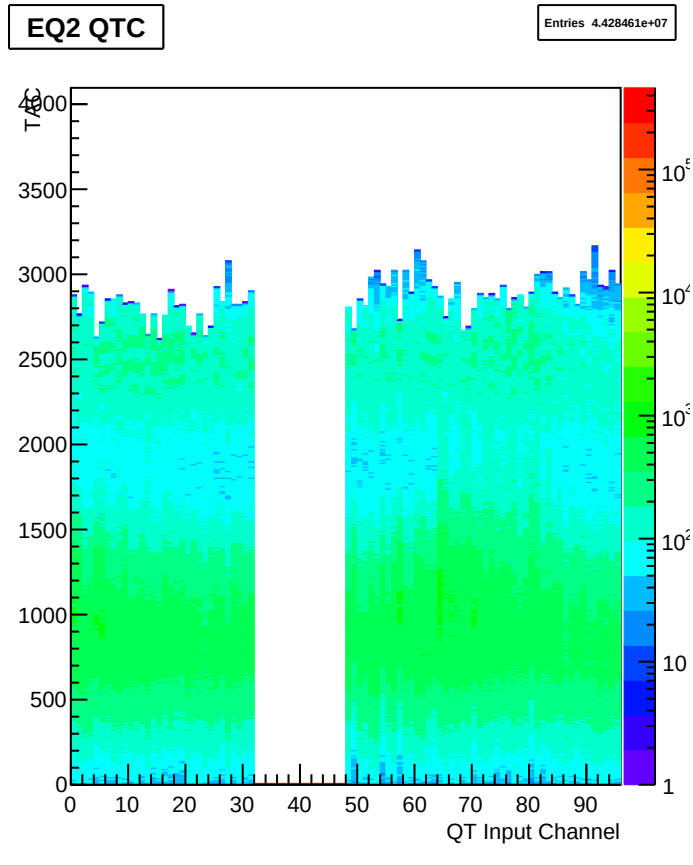

EQ1 QTC
Entries 4.428461e+07
ADC
QT Input Channel

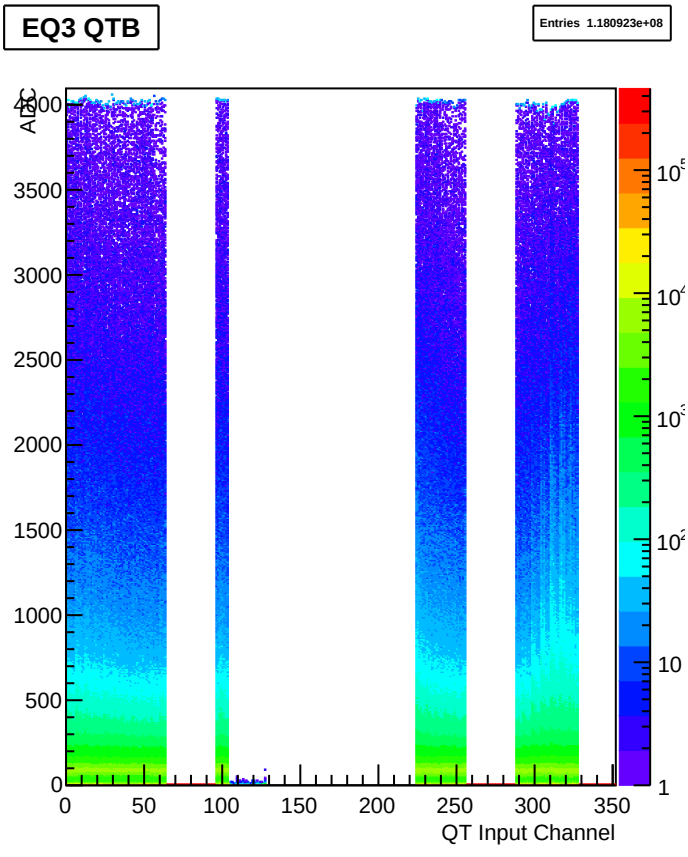

EQ1 QTC
Entries 4.428461e+07
TAC
QT Input Channel

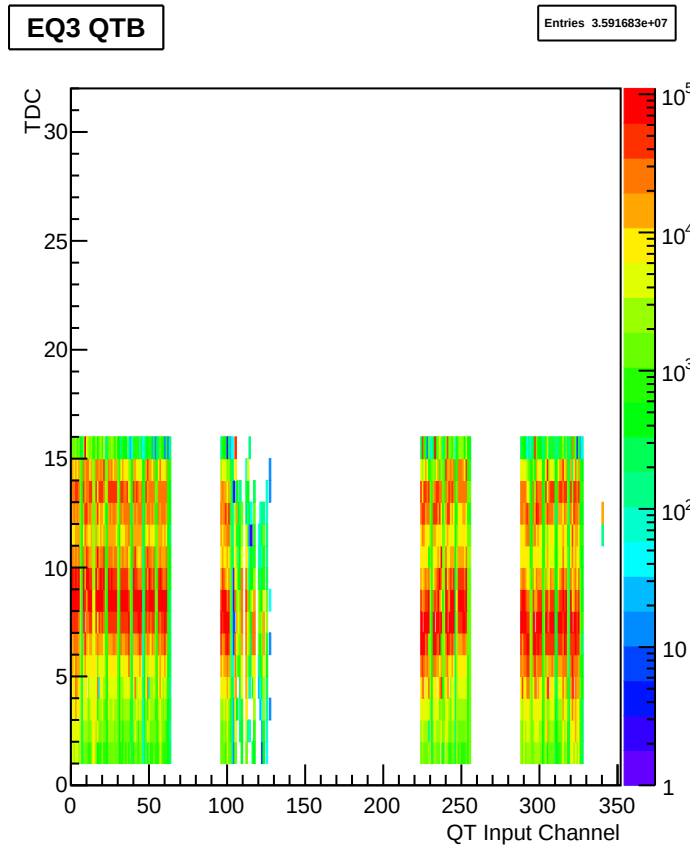

EQ2 QTB
Entries 1.328538e+08
ADC
QT Input Channel

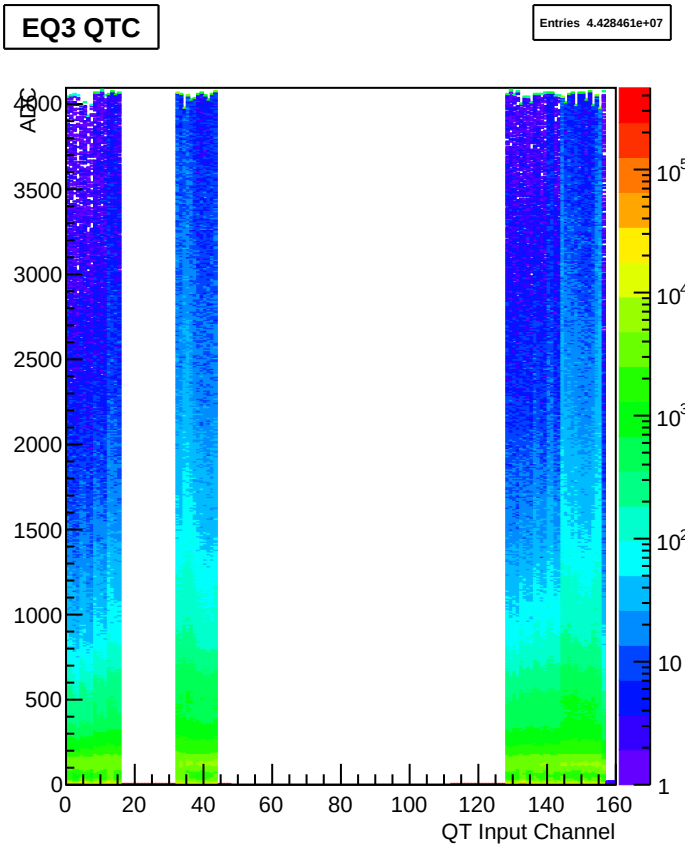

EQ2 QTB
Entries 4.439539e+07
TDC
QT Input Channel

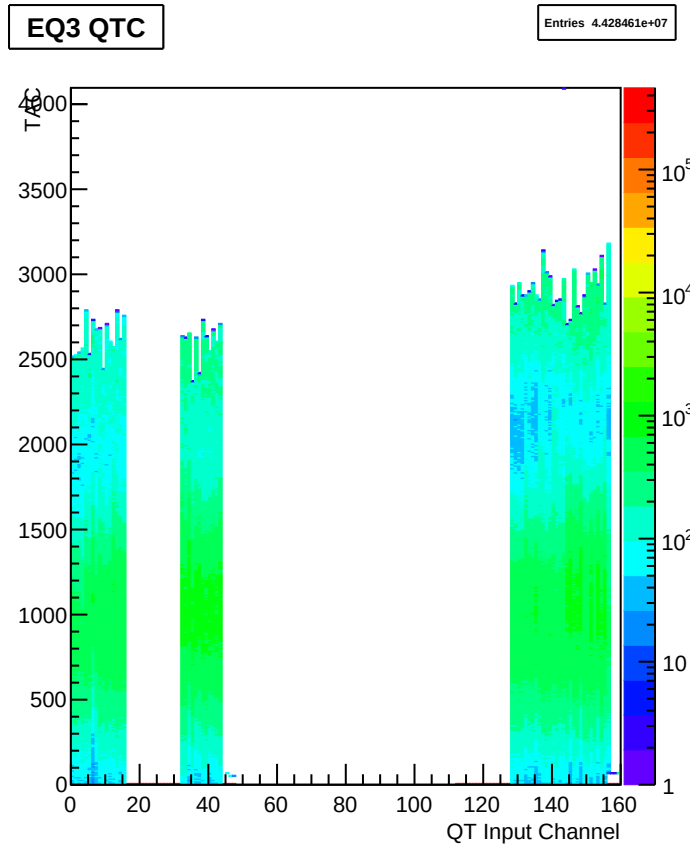

EQ2 QTC
Entries 4.428461e+07
ADC
QT Input Channel

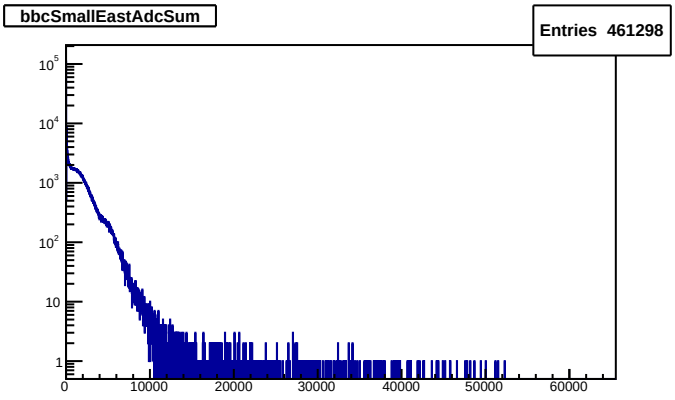

EQ2 QTC
Entries 4.428461e+07
TADC
QT Input Channel

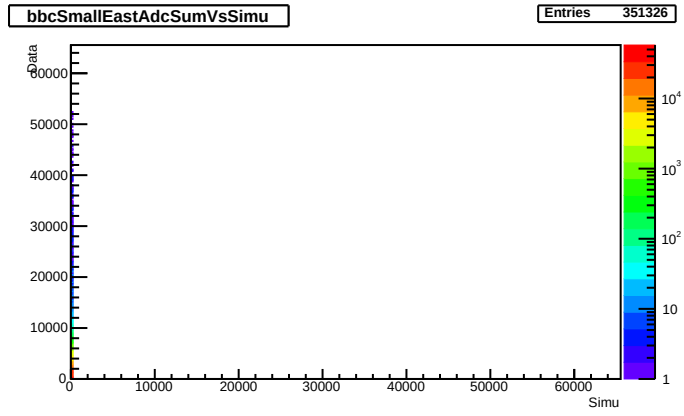

EQ3 QTB
Entries 1.180923e+08
ADC
QT Input Channel

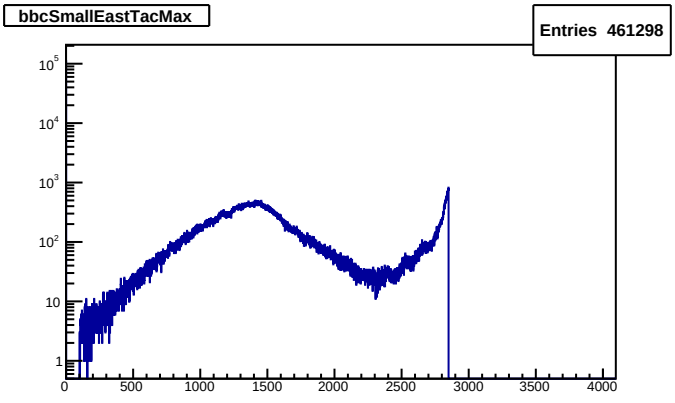

EQ3 QTB
Entries 3.591683e+07
TDC
QT Input Channel

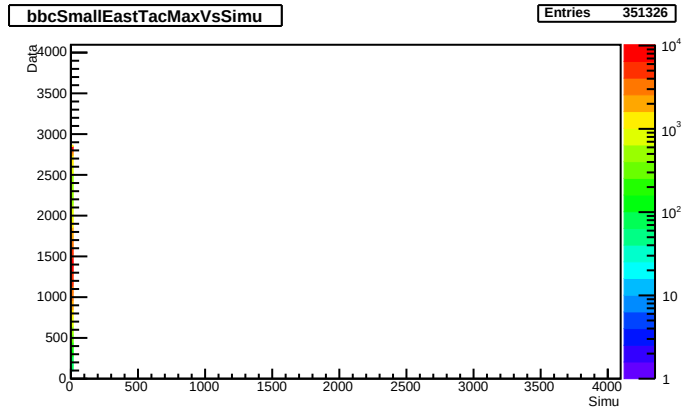

EQ3 QTC
Entries 4.428461e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.428461e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 461298


bbcSmallEastAdcSumVsSimu
Entries 351326
Data
Simu


bbcSmallEastTacMax
Entries 461298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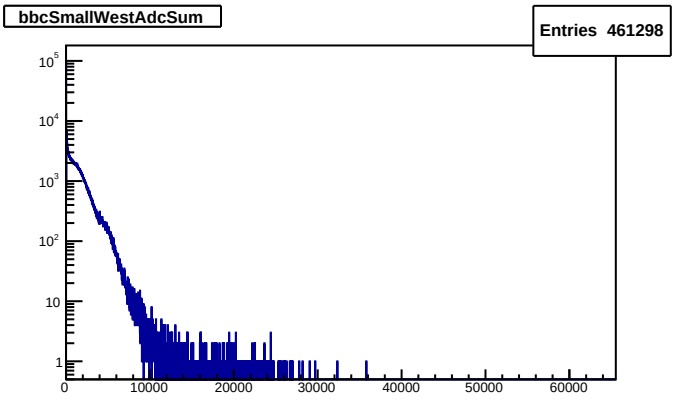
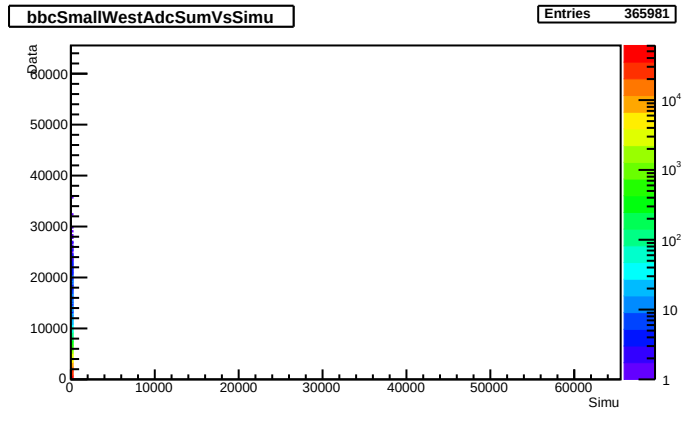
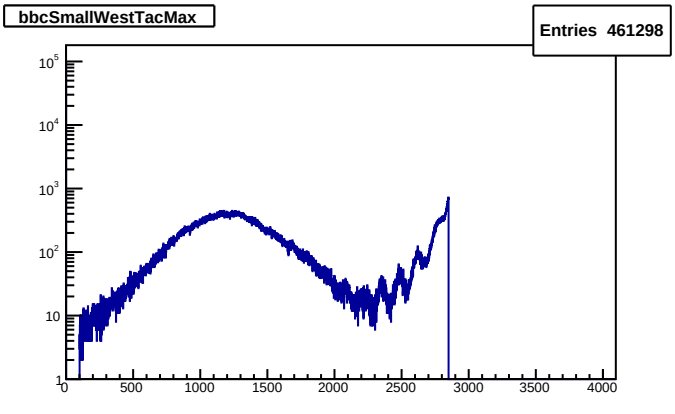
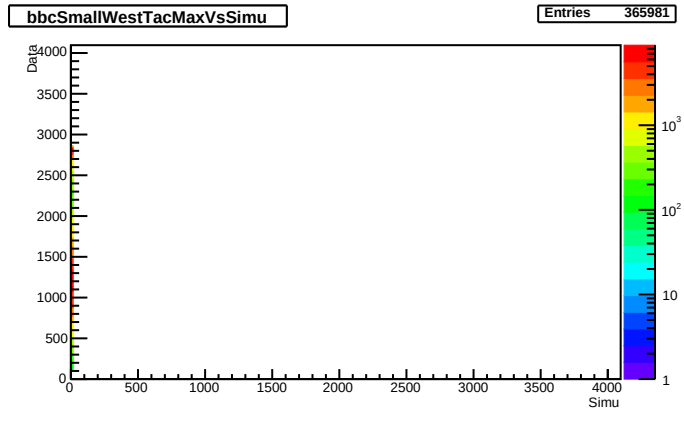
Entries 351326
Data
Simu


bbcSmallWestAdcSum
Entries 461298


bbcSmallWestAdcSumVsSimu
Entries 365981
Data
Simu


bbcSmallWestTacMax
Entries 461298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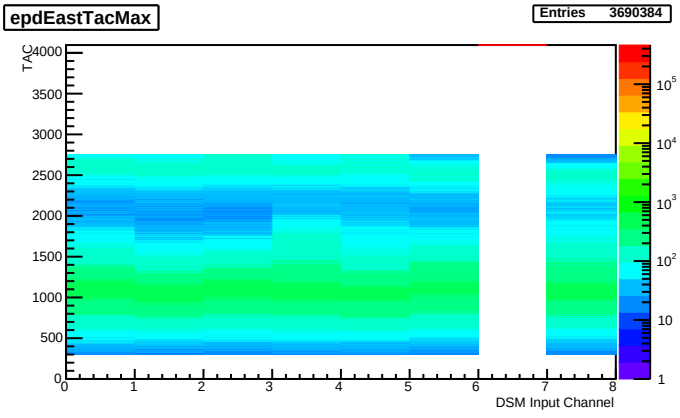
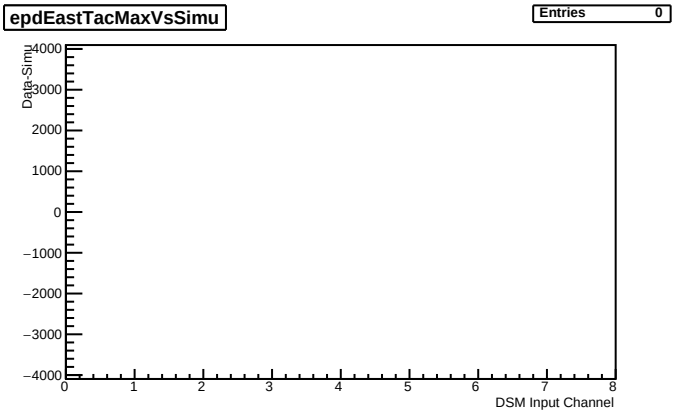
Entries 365981
Data
Simu


epdEastTacMax
Entries 3690384
TAC
DSM Input Channel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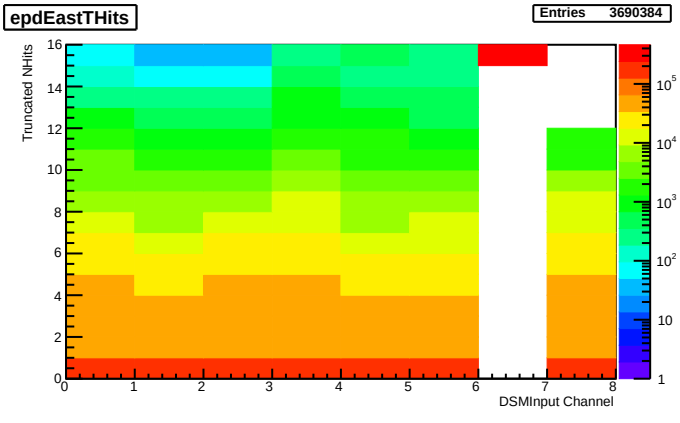
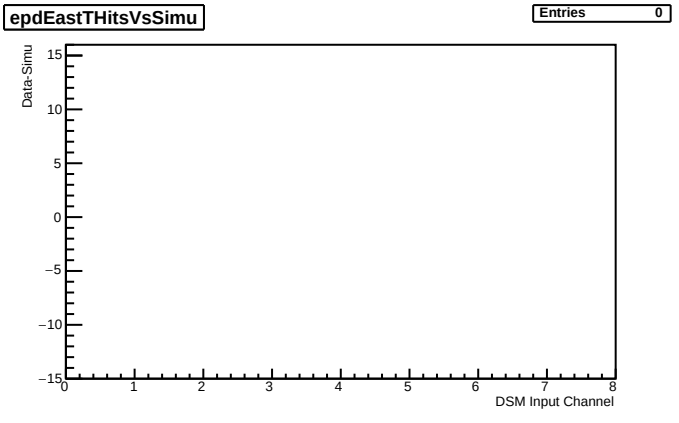
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3690384
Truncated NHits
DSMInput Channel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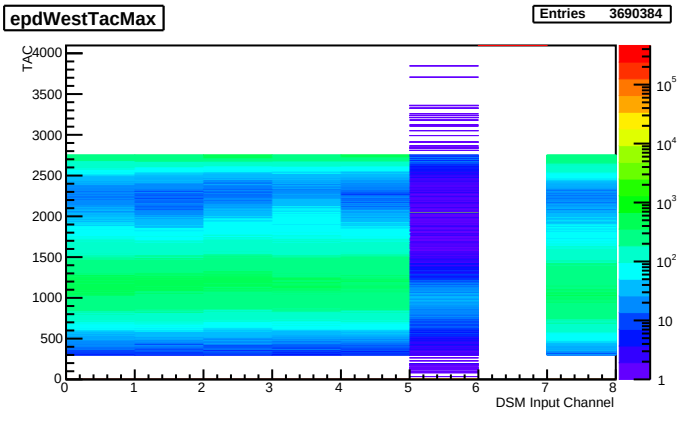
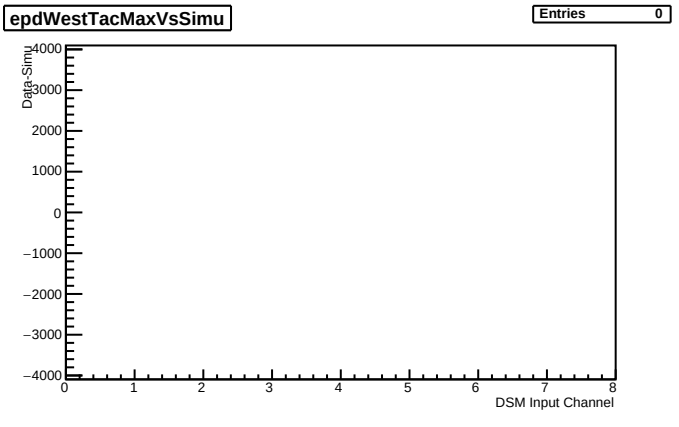
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3690384
TAC
DSM Input Channel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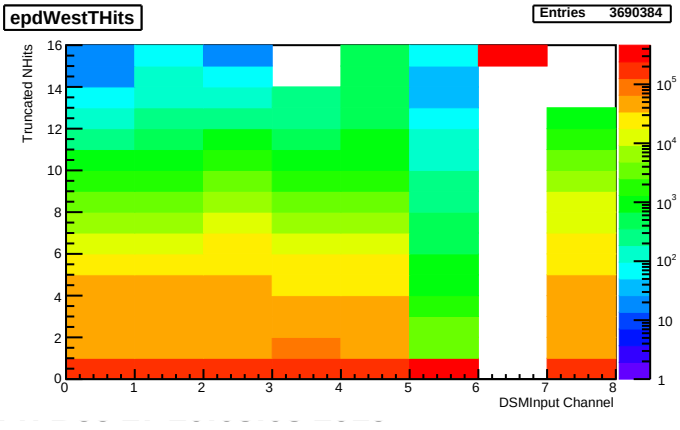
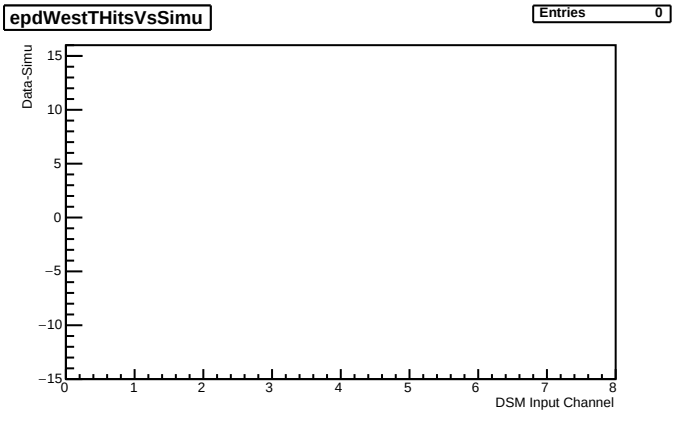
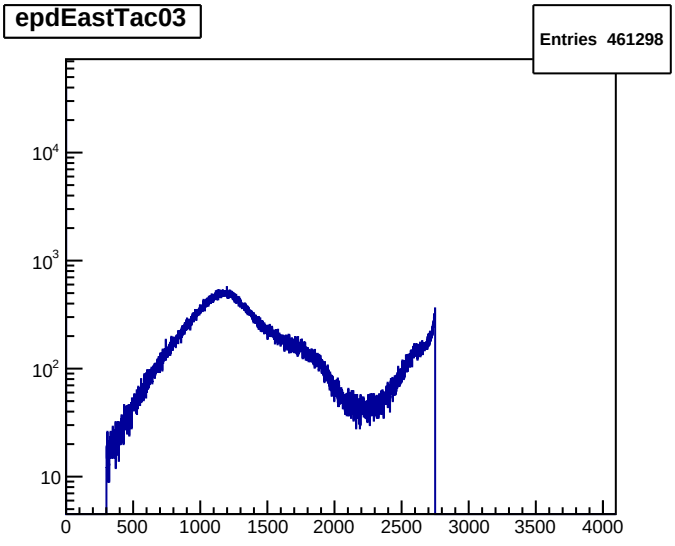
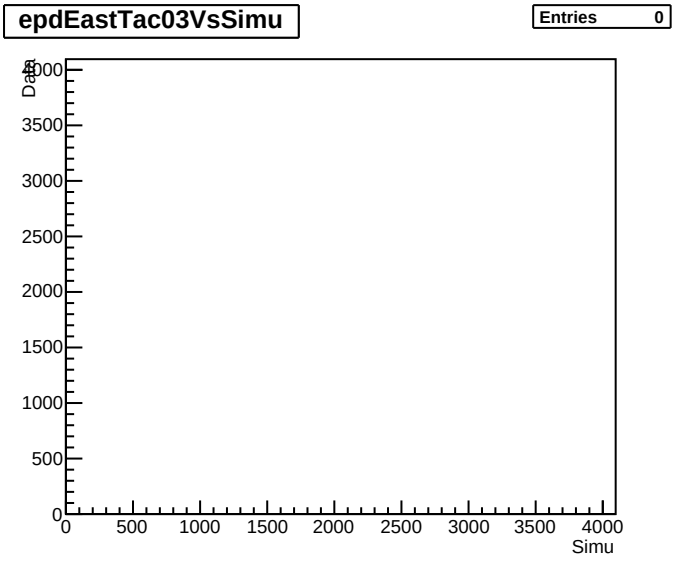
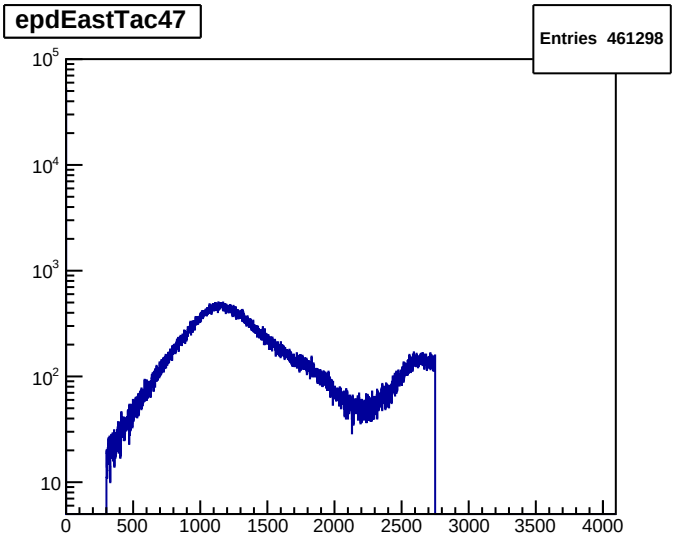
Entries 0
Data-Simu
DSM Input Channel

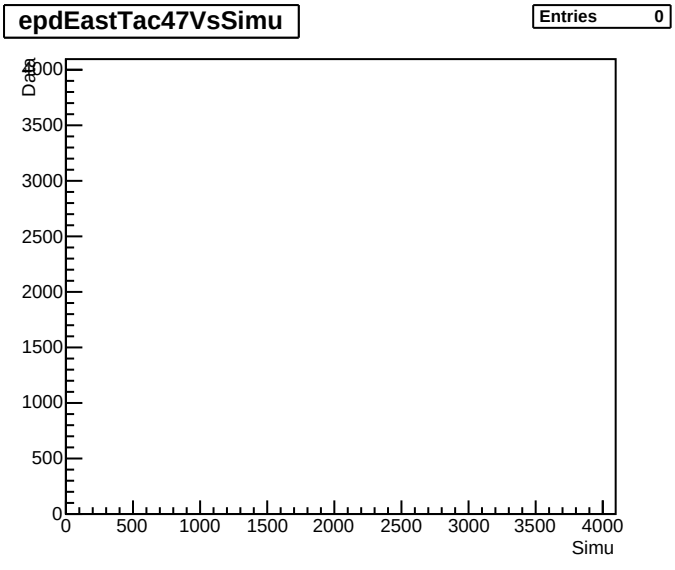

epdWestTHits
Entries 3690384
Truncated NHits
DSMInput Channel

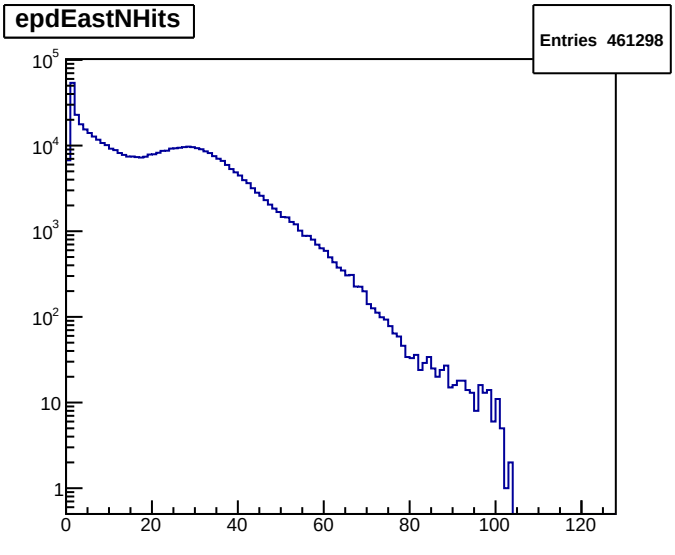

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

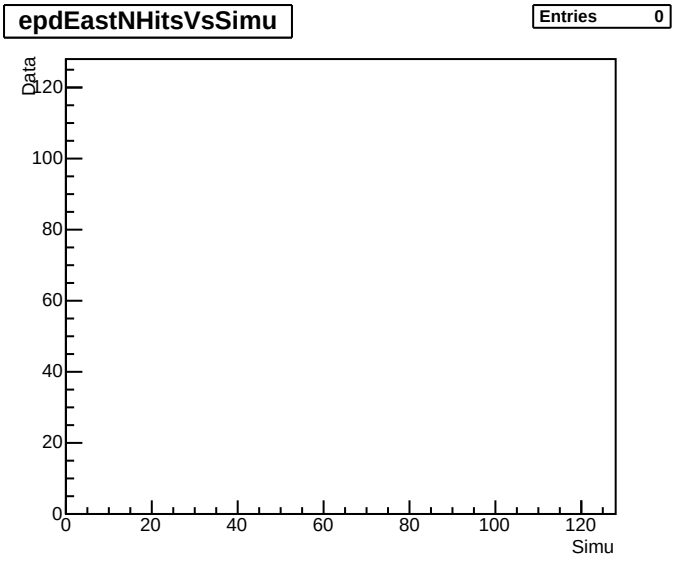

epdEastTac03
Entries 461298


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 461298


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 461298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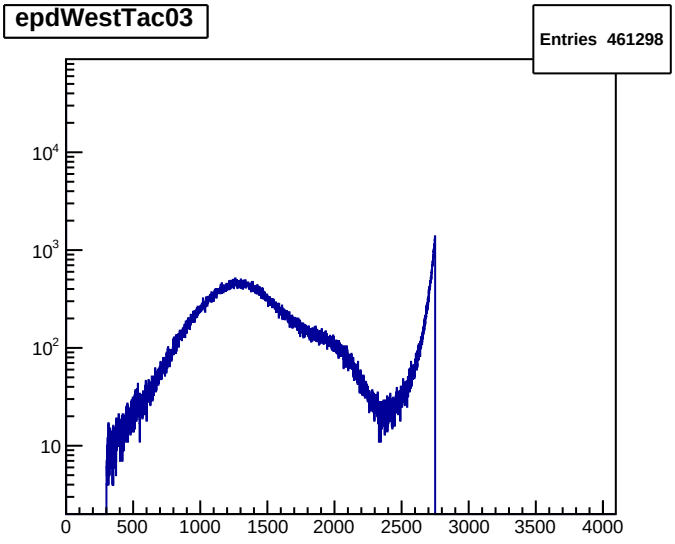
Entries 0
Data
Simu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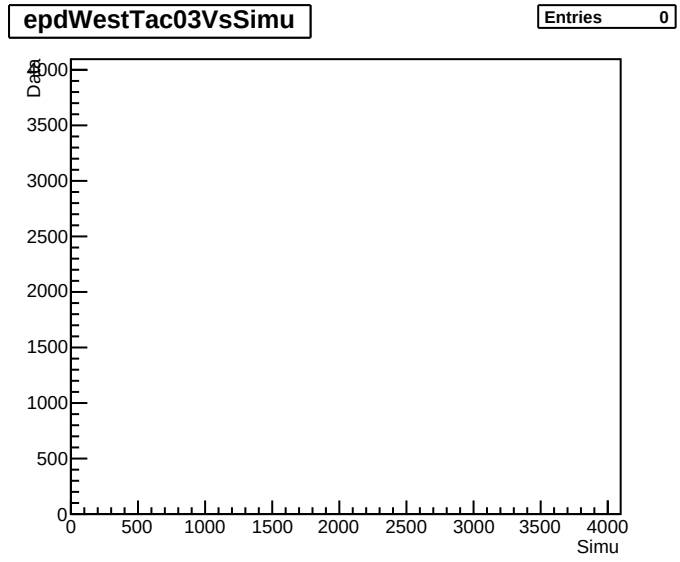
Entries 461298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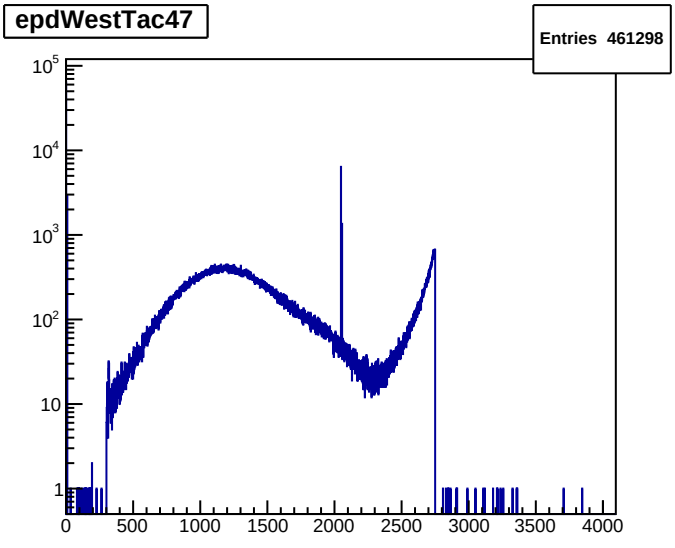
Entries 0
Data
Simu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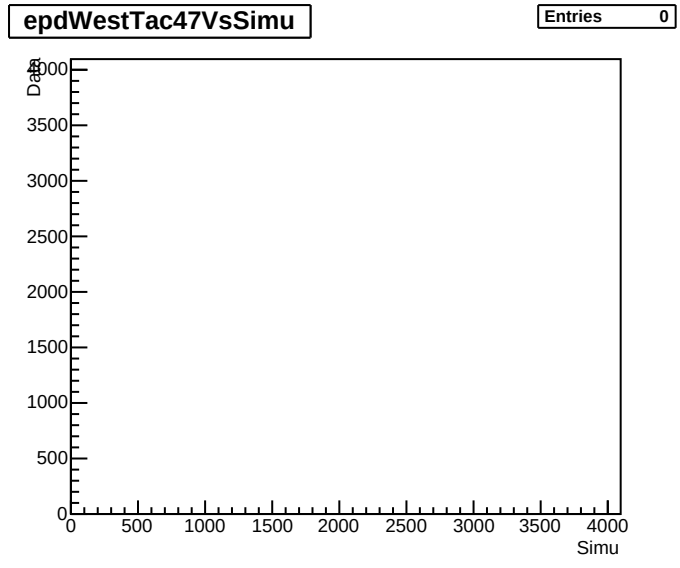
Entries 461298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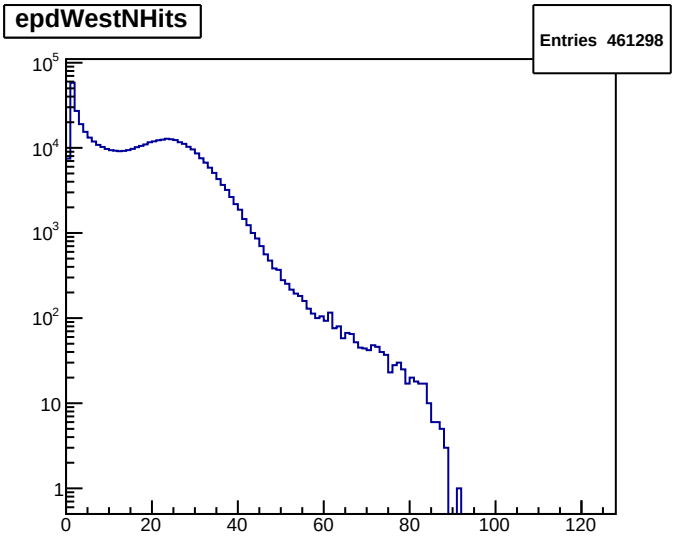
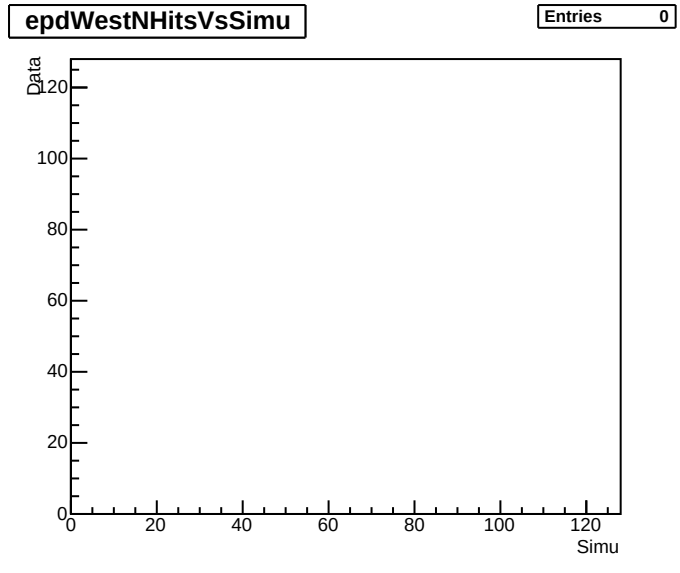
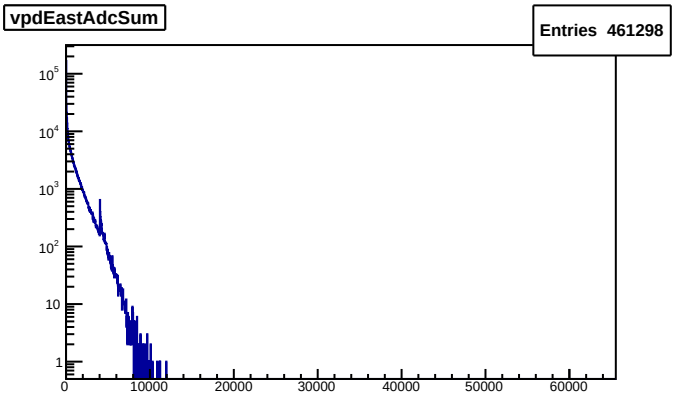
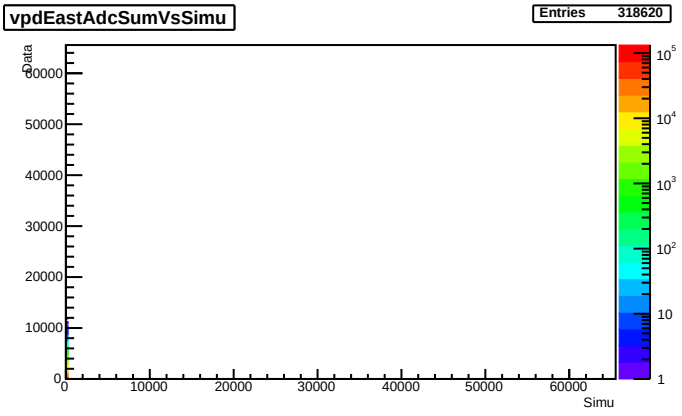
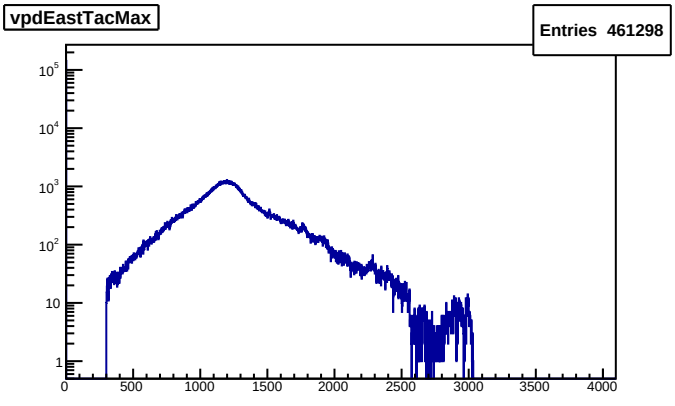
Entries 0
Data
Simu

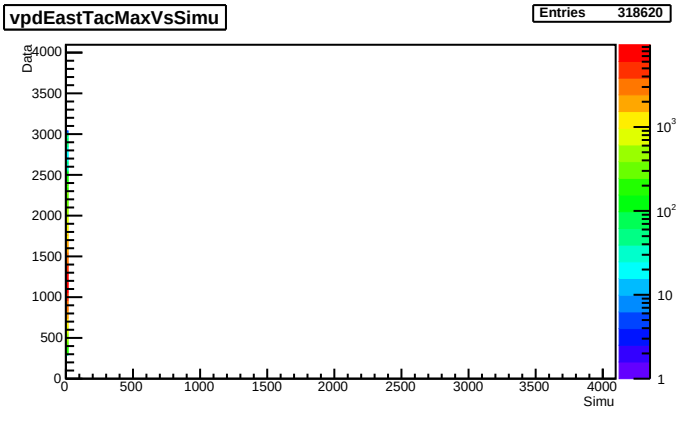

epdWestNHits
Entries 461298

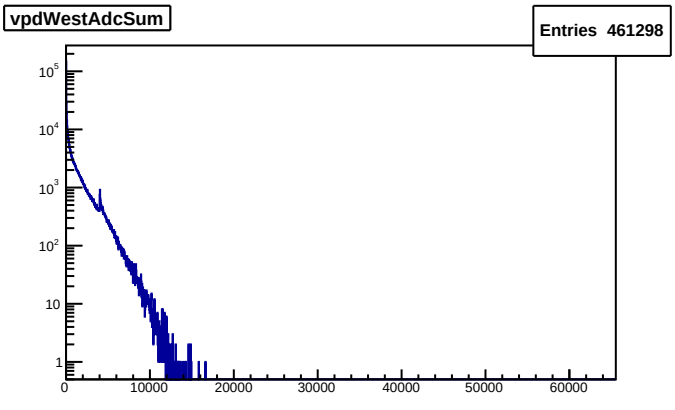

epdWestNHitsVsSimu
Entries 0
Data
Simu

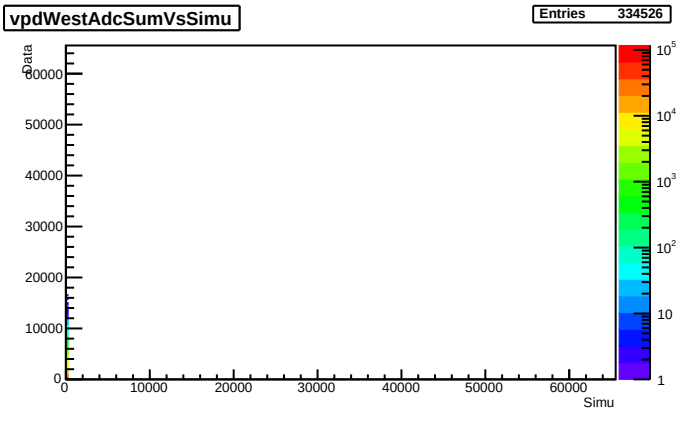

vpdEastAdcSum
Entries 461298

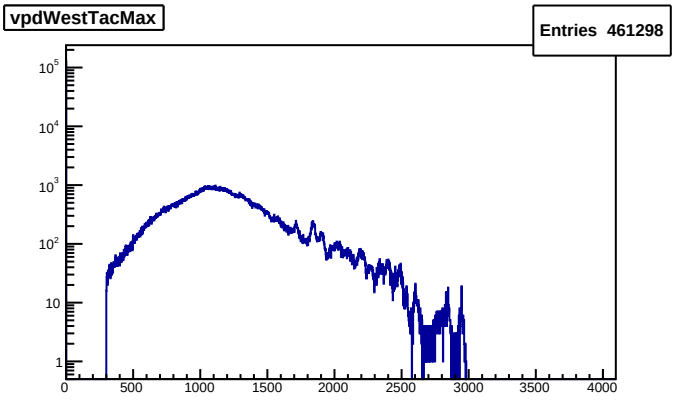

vpdEastAdcSumVsSimu
Entries 318620
Data
Simu

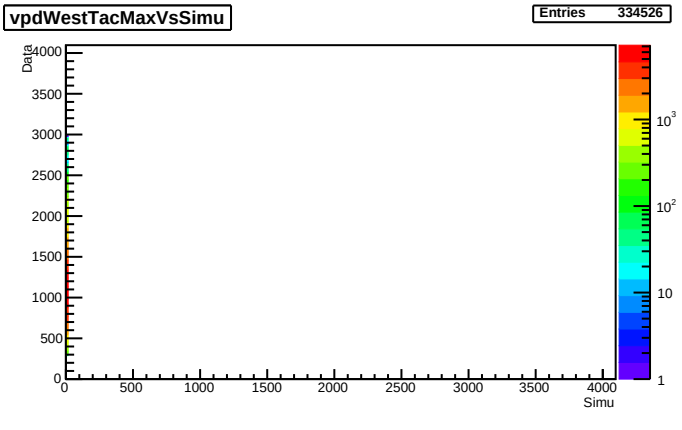

vpdEastTacMax
Entries 461298

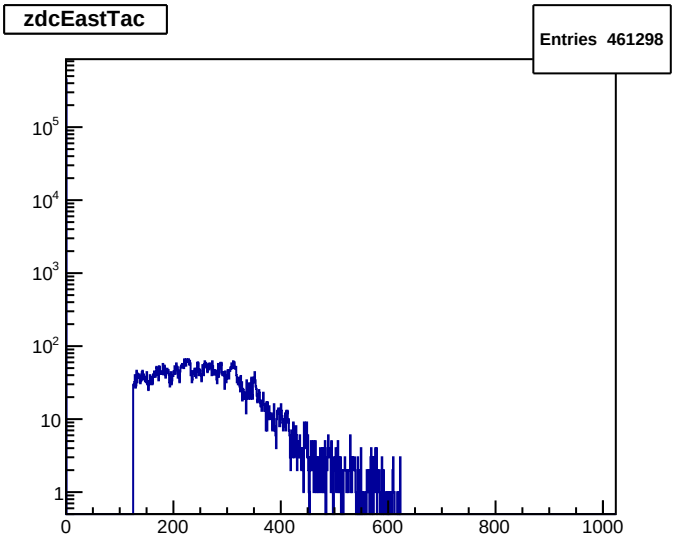

vpdEastTacMaxVsSimu
Entries 318620
Data
Simu

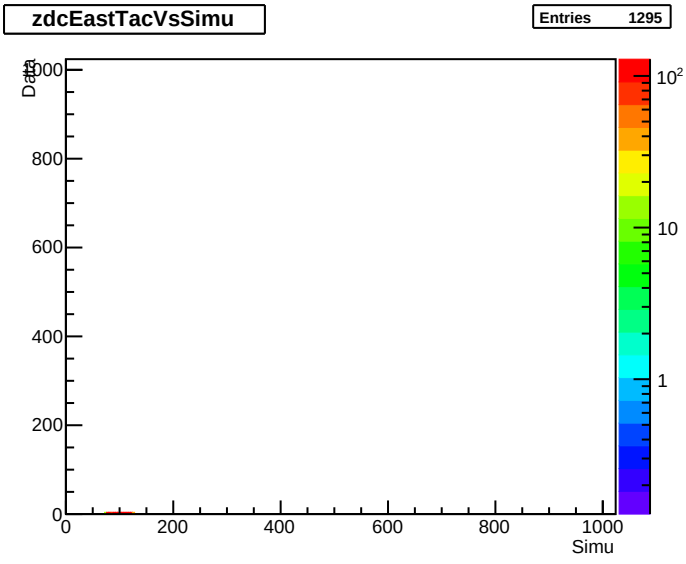

vpdWestAdcSum
Entries 461298

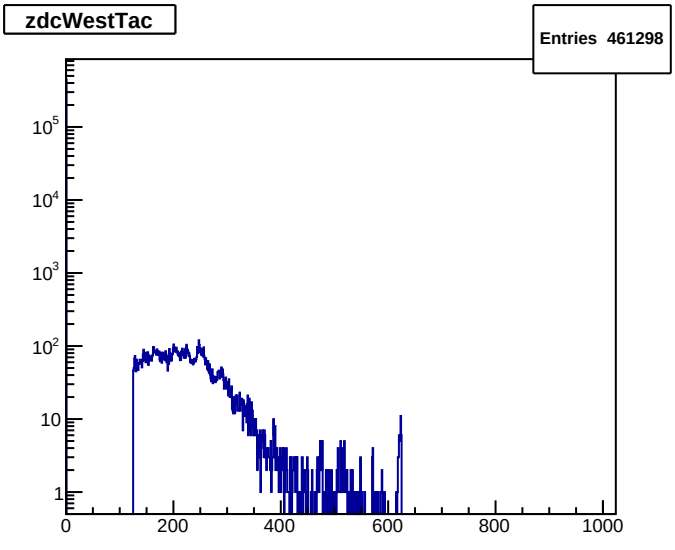

vpdWestAdcSumVsSimu
Entries 334526
Data
Simu

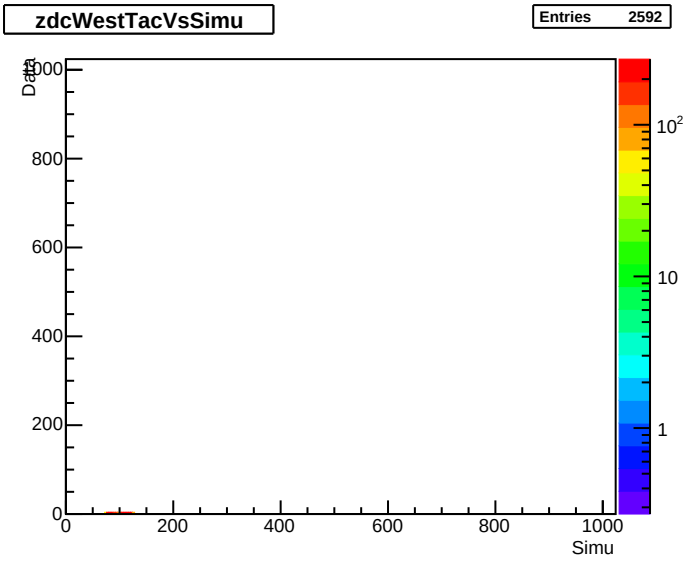

vpdWestTacMax
Entries 461298

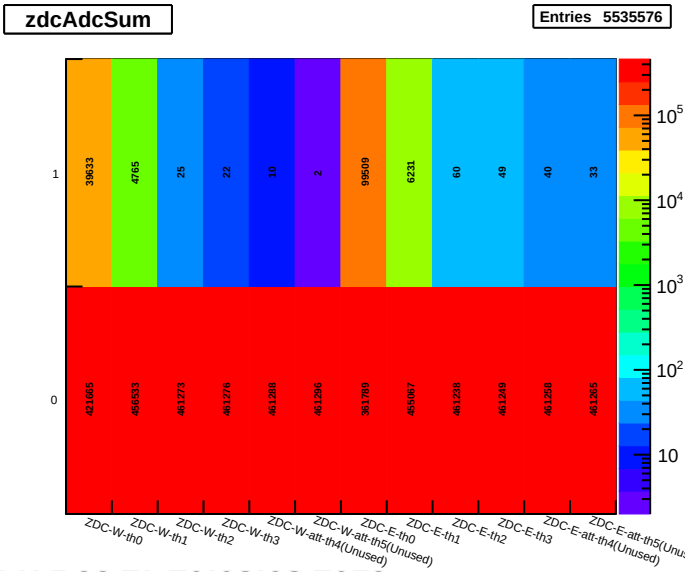

vpdWestTacMaxVsSimu
Entries 334526
Data
Simu

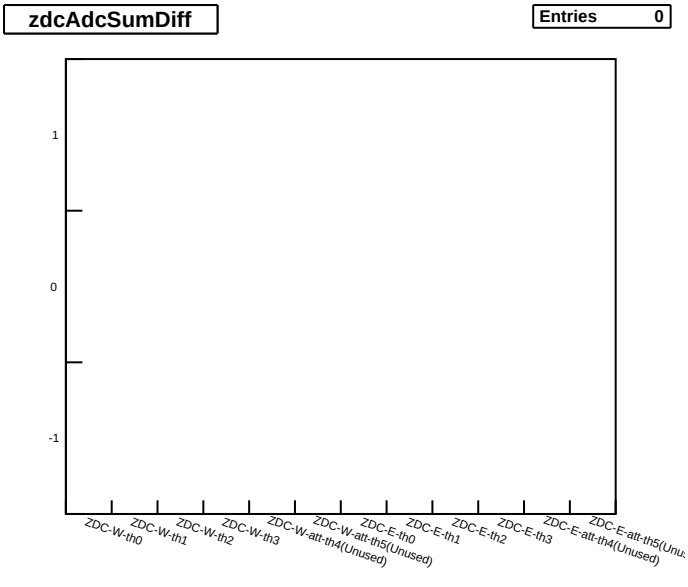

zdcEastTac
Entries 461298

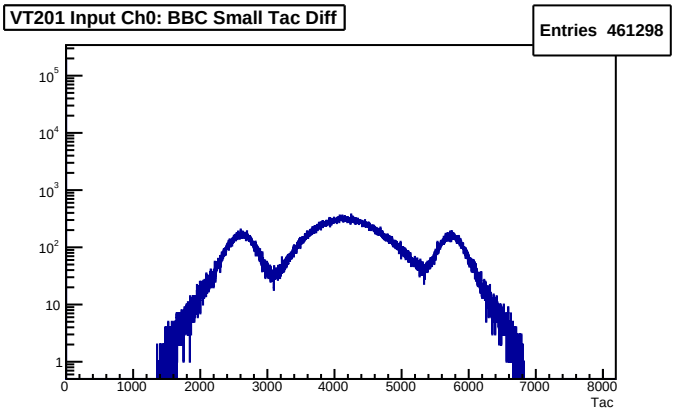

zdcEastTacVsSimu
Entries 1295
Data
Simu

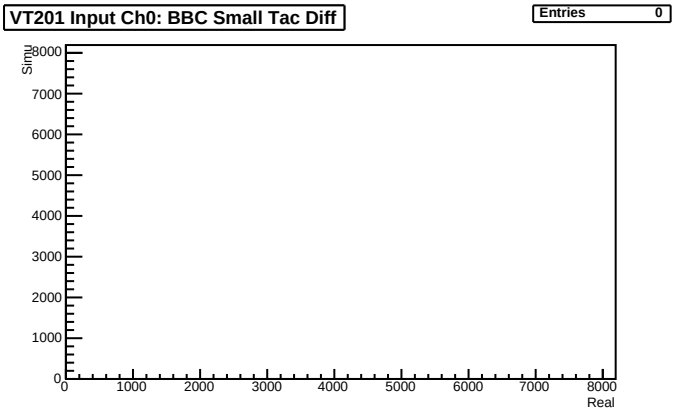

zdcWestTac
Entries 461298

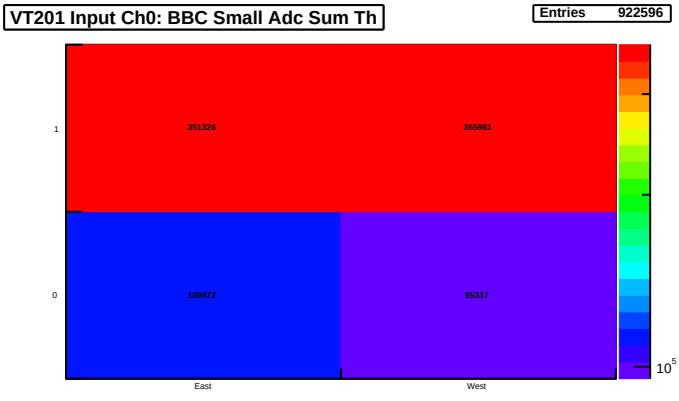

zdcWestTacVsSimu
Entries 2592
Data
Simu

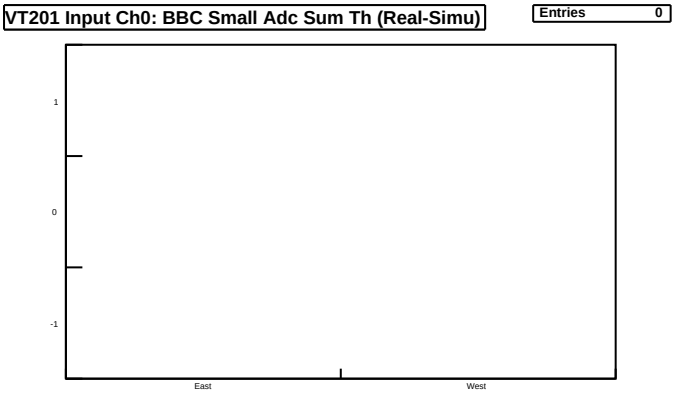

zdcAdcSum
Entries 5535576
39633
4765
25
22
10
2
99509
6231
60
49
40
33
421665
456533
461273
461276
461288
461286
361789
455687
461238
461249
461258
461285
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

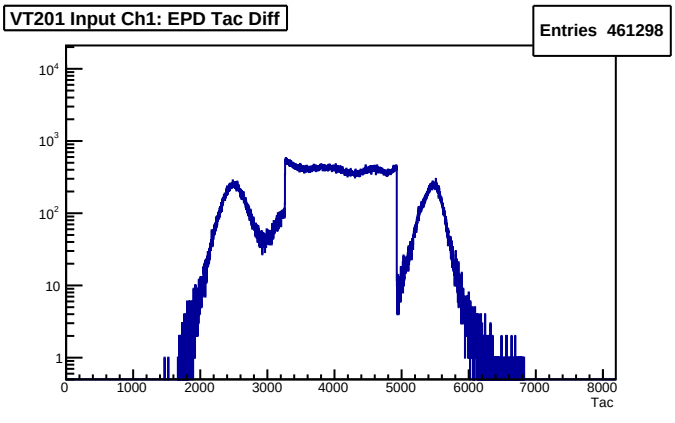

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

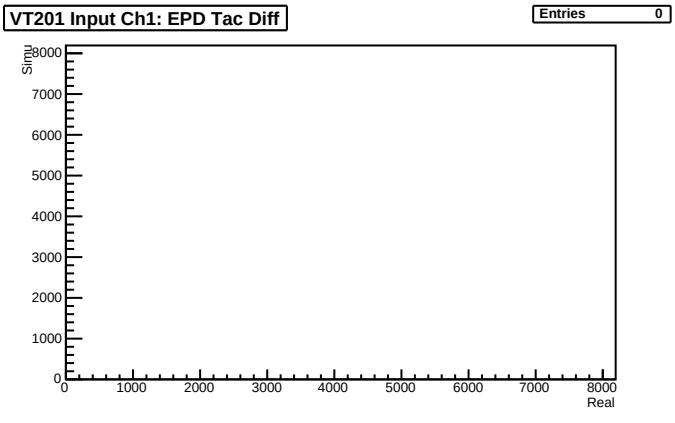

VT201 Input Ch0: BBC Small Tac Diff
Entries 461298
Tac

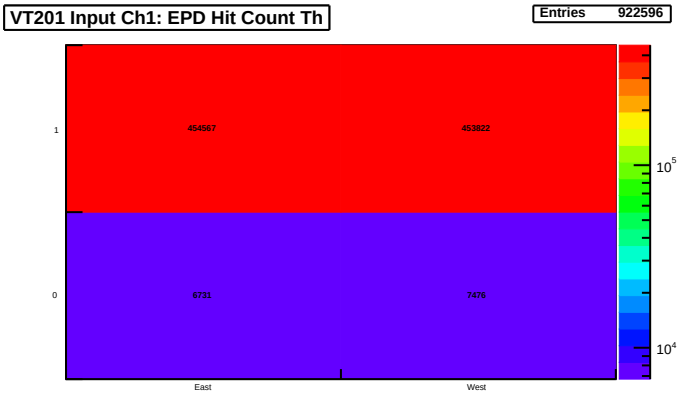

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

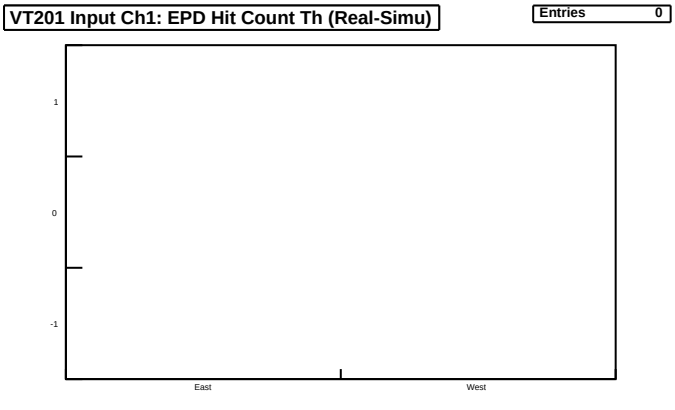

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 922596
351326
365981
109972
95317
East
West

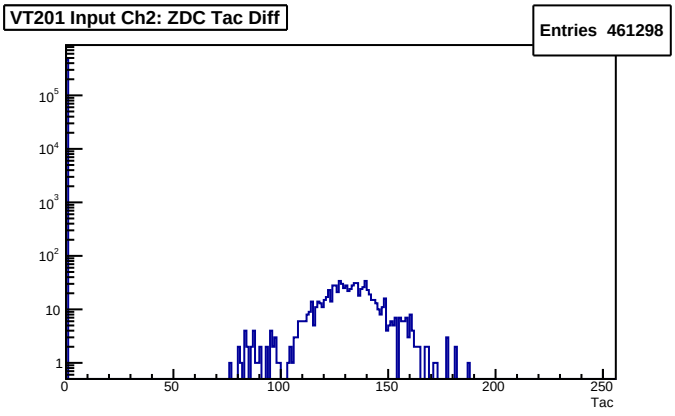

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

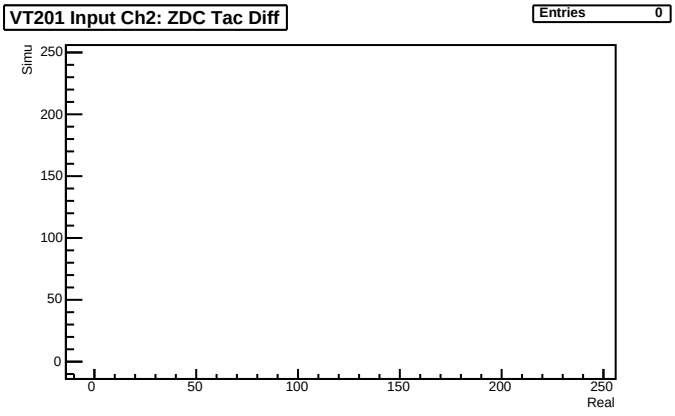

VT201 Input Ch1: EPD Tac Diff
Entries 461298
Tac

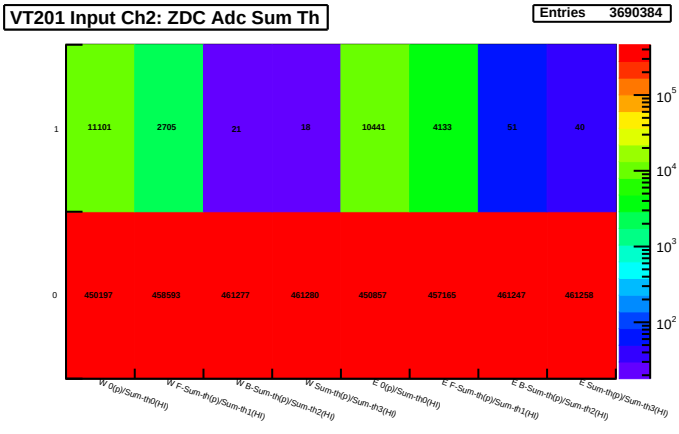

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

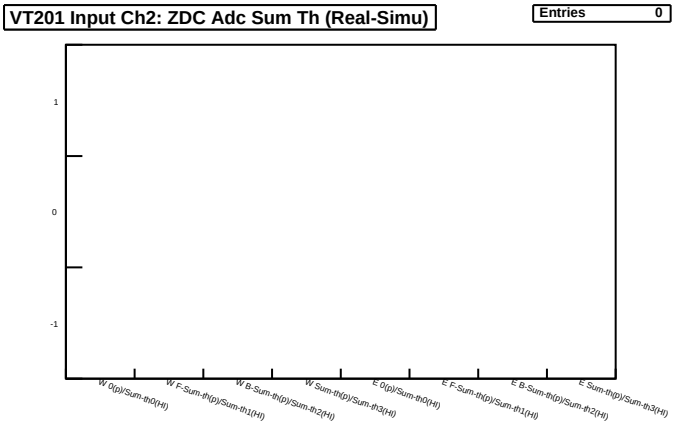

VT201 Input Ch1: EPD Hit Count Th
Entries 922596
454567
453822
6731
7476
East
West

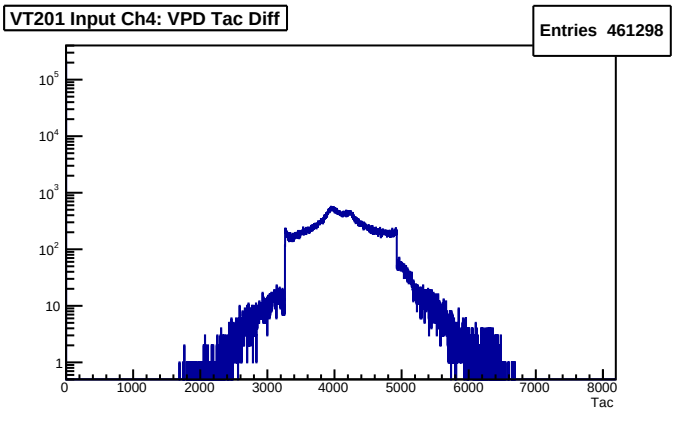

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

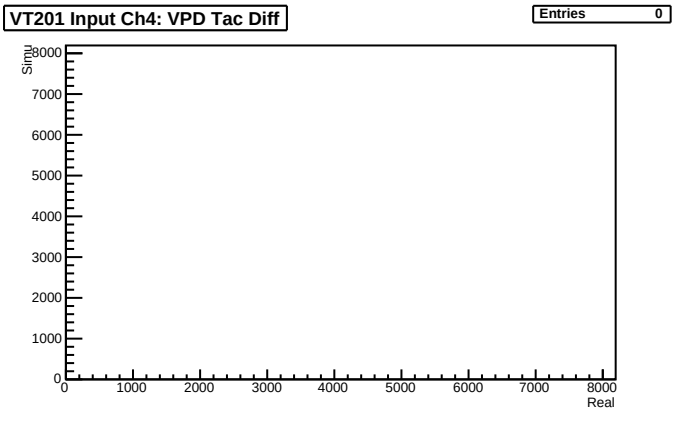

VT201 Input Ch2: ZDC Tac Diff
Entries 461298
Tac

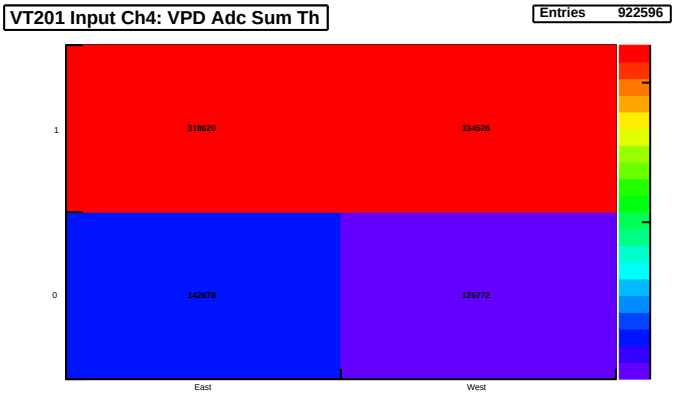

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

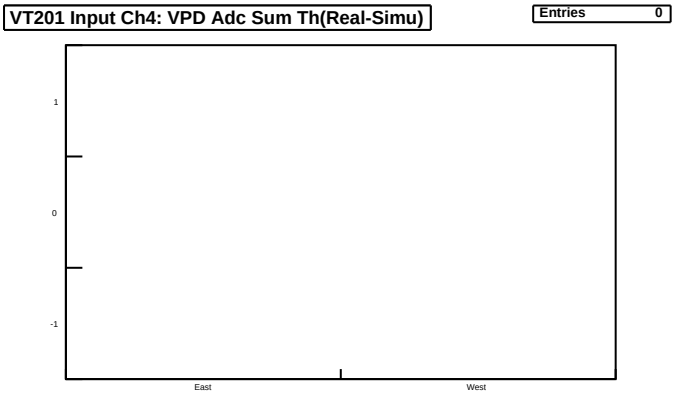

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3690384
11101
2705
21
18
10441
4133
51
40
450197
458593
461277
461280
450857
457165
461247
461258
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

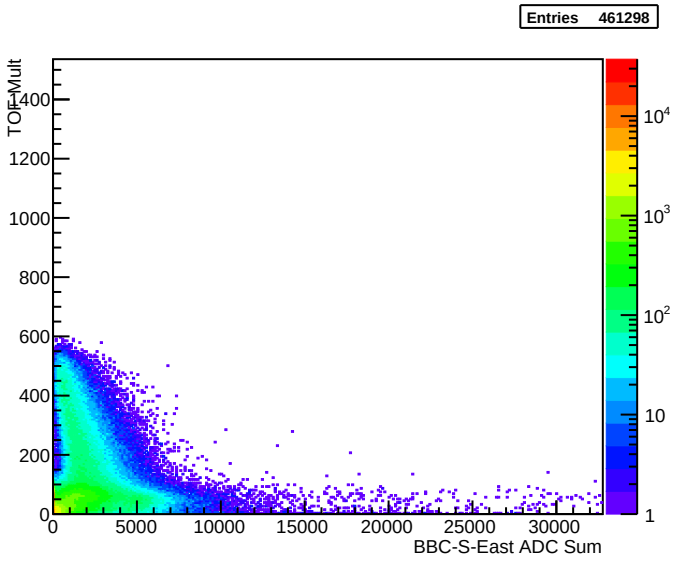

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

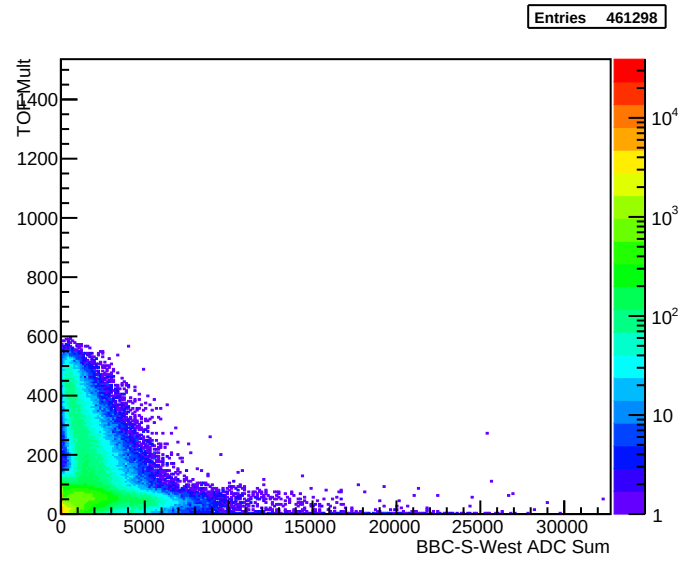

VT201 Input Ch4: VPD Tac Diff
Entries 461298
Tac

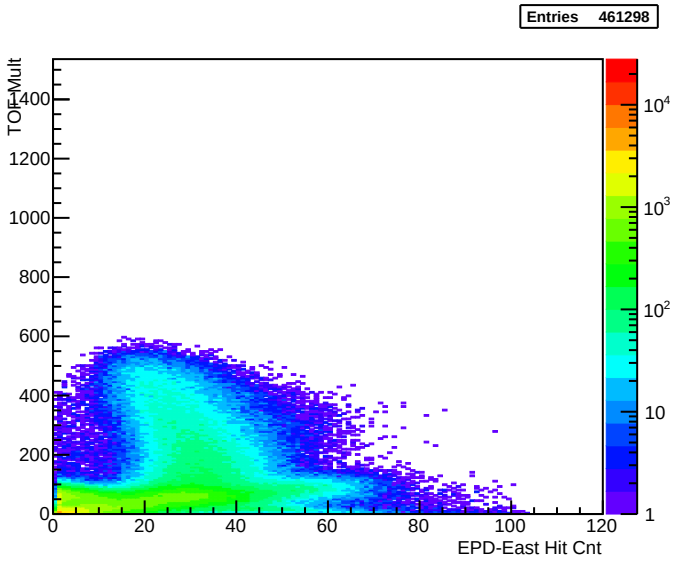

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

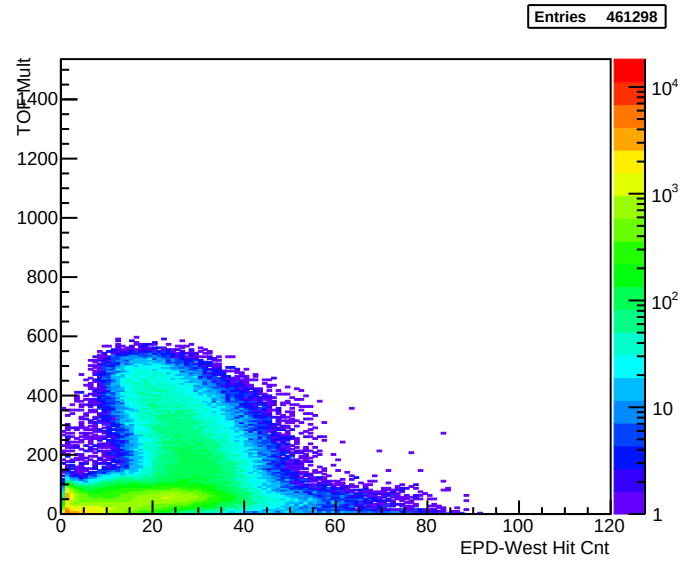

VT201 Input Ch4: VPD Adc Sum Th
Entries 922596
318620
334526
142678
126772
East
West

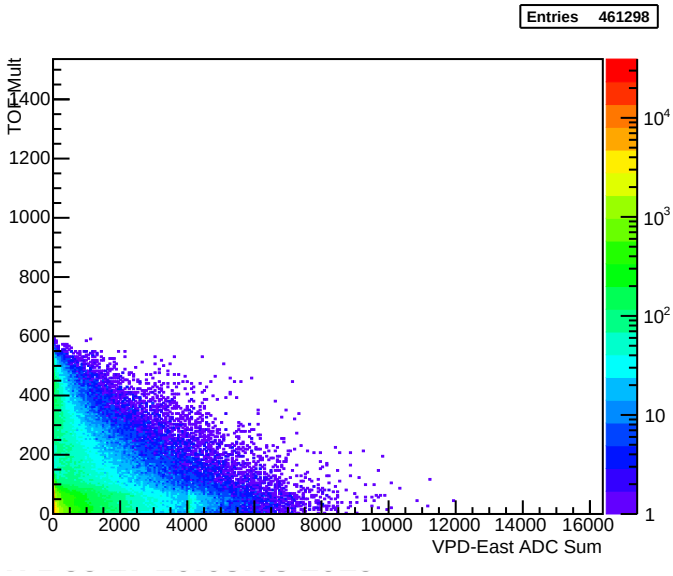

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

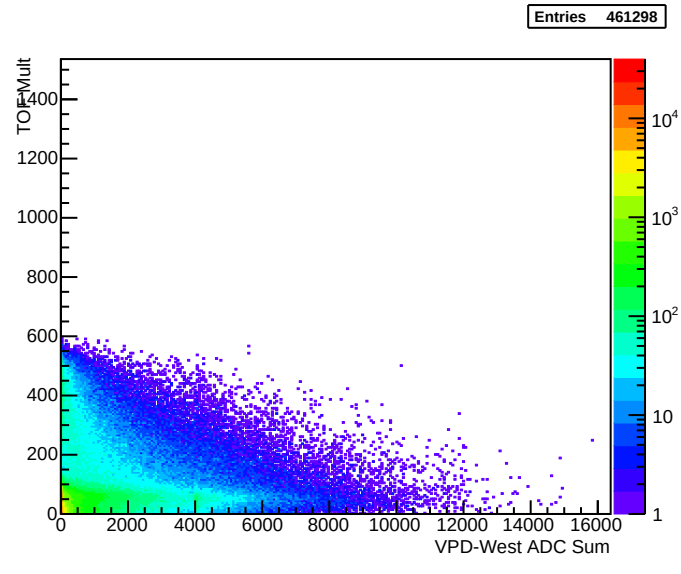

Entries 461298
TOF-Mult
BBC-S-East ADC Sum

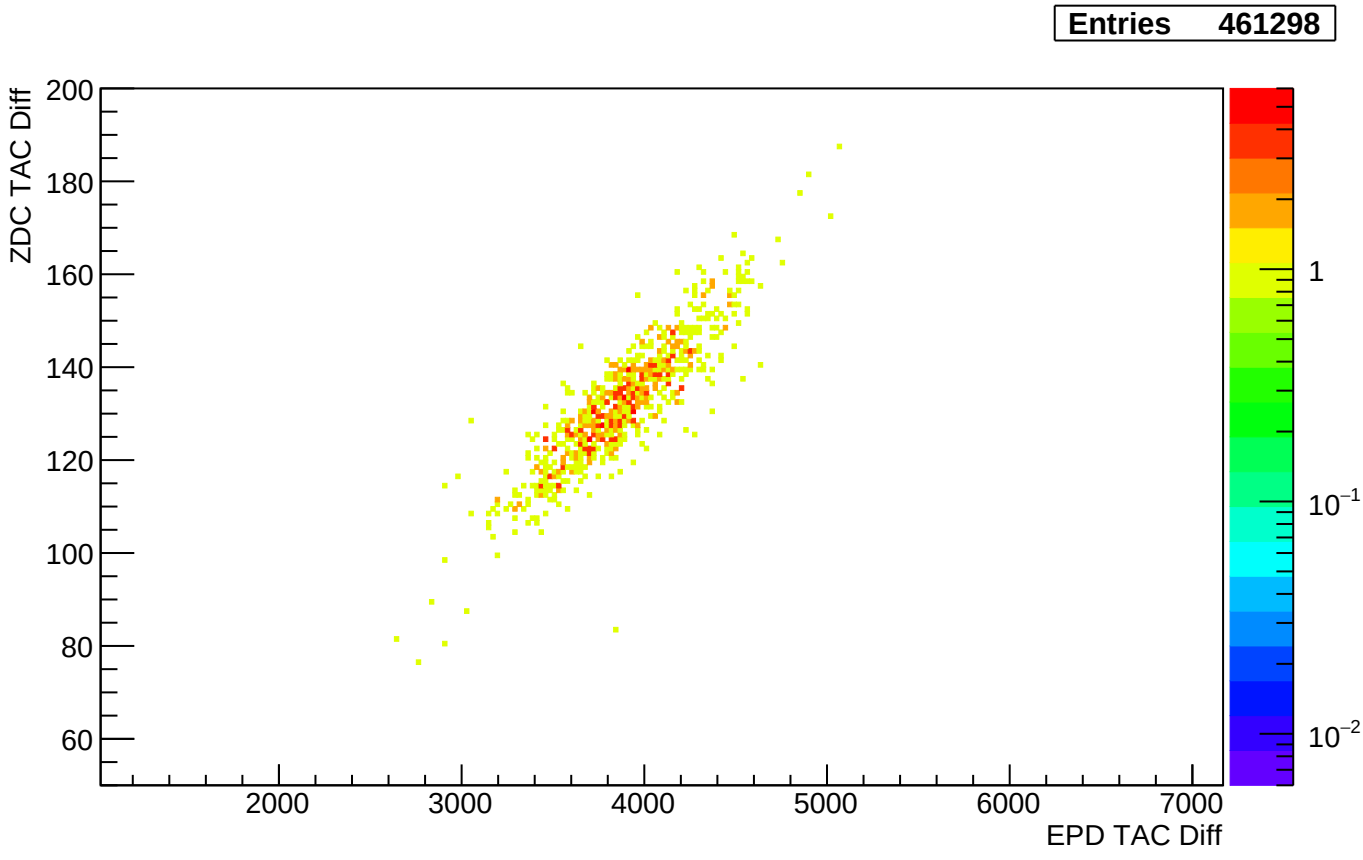

Entries 461298
TOF-Mult
BBC-S-West ADC Sum

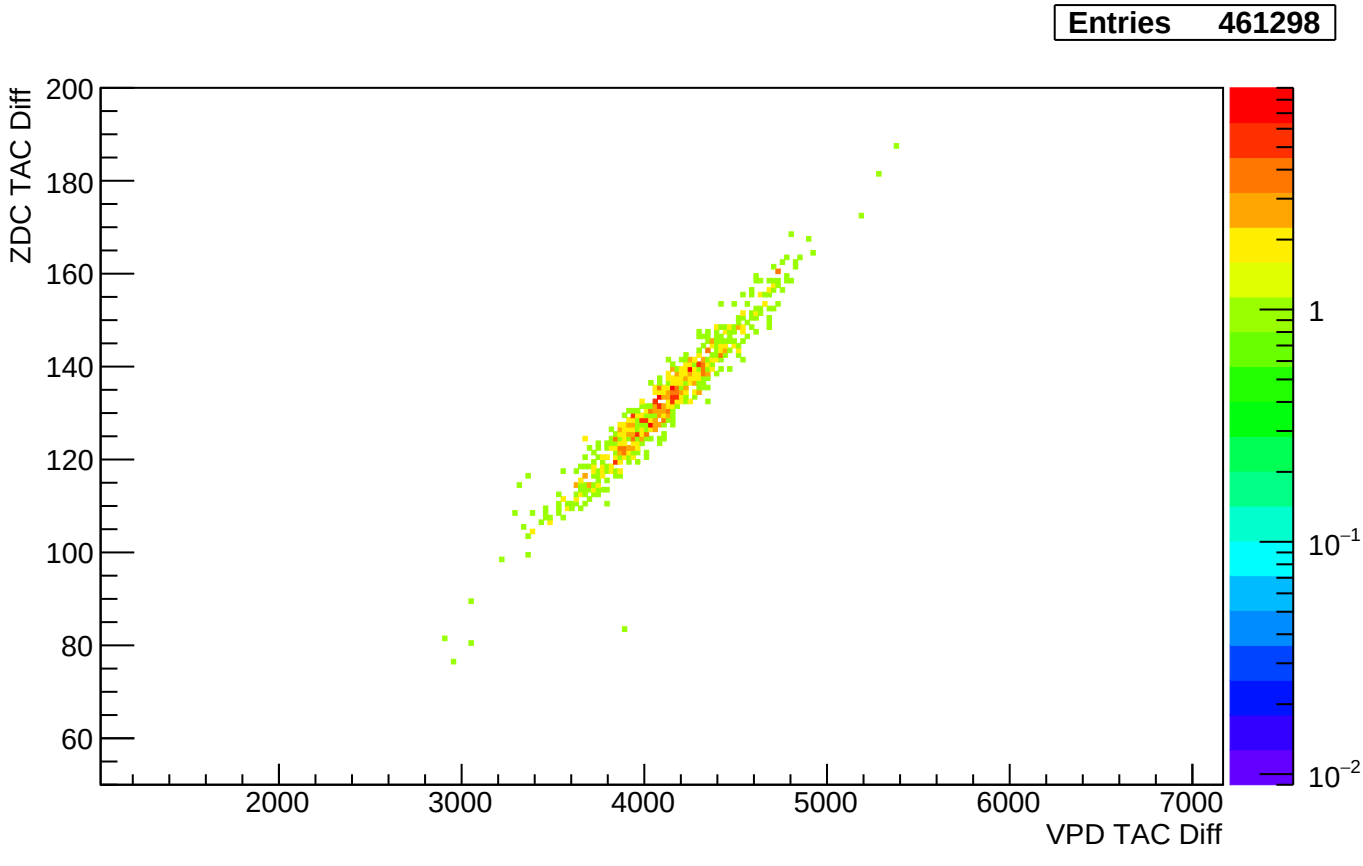

Entries 461298
TOF-Mult
EPD-East Hit Cnt

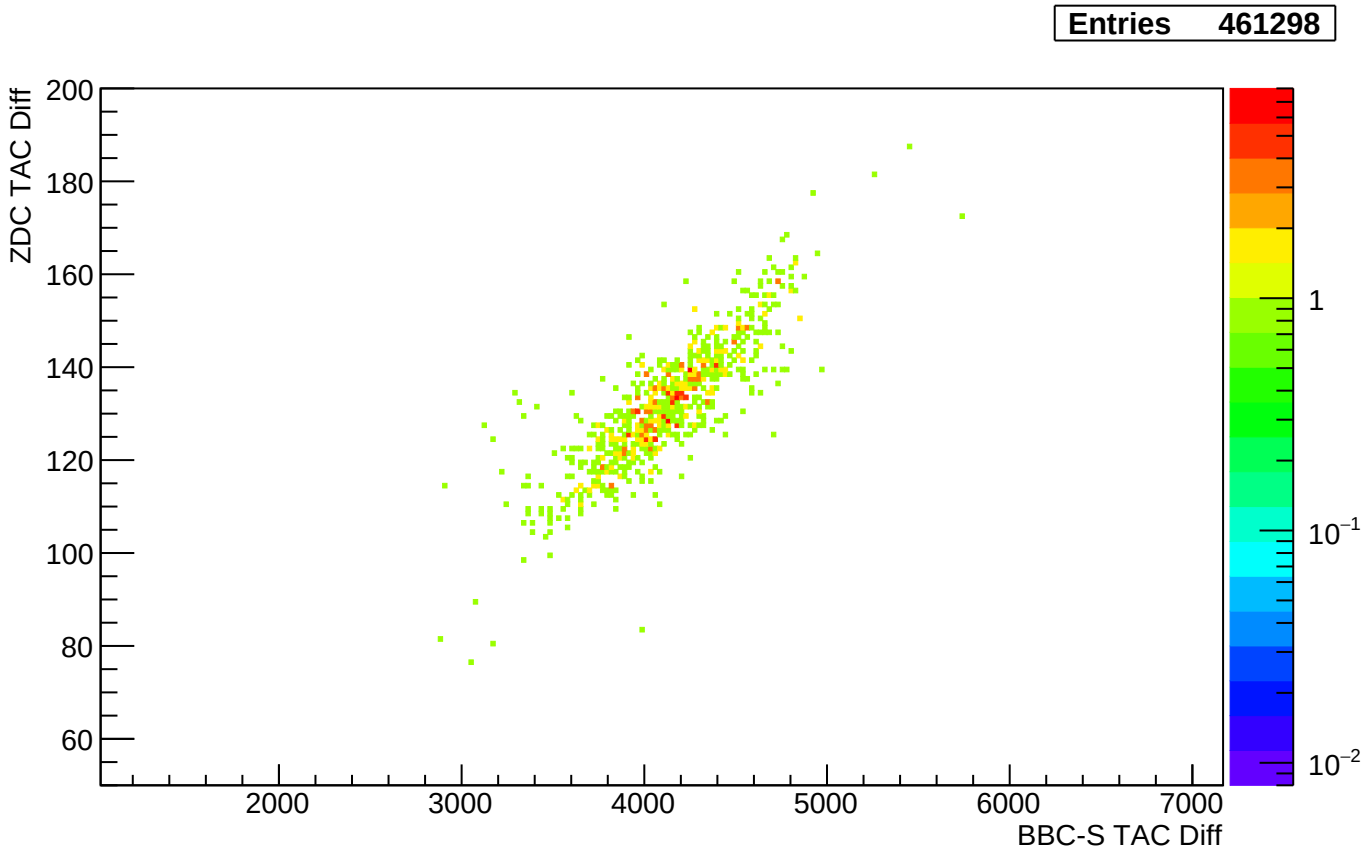

Entries 461298
TOF-Mult
EPD-West Hit Cnt

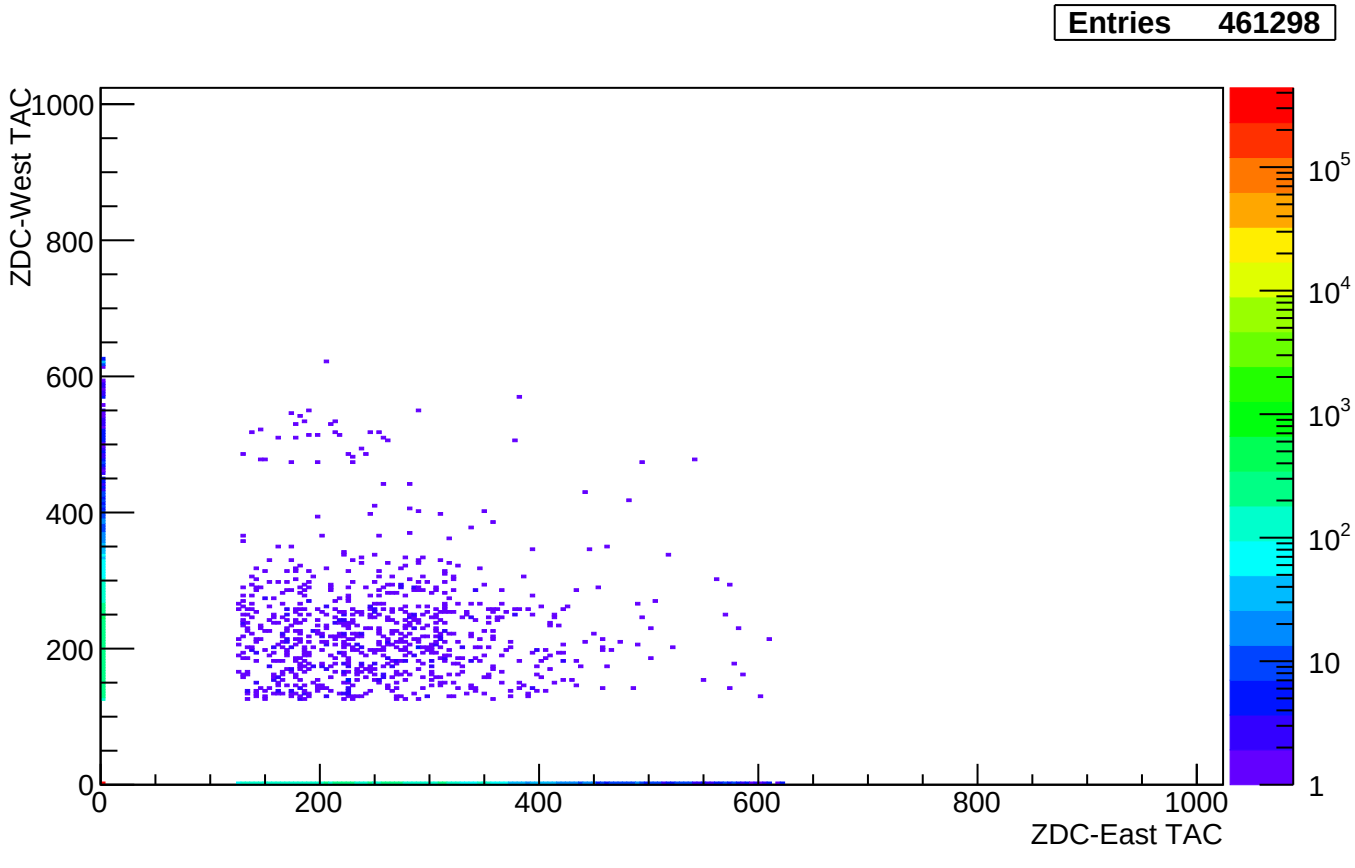

Entries 461298
TOF-Mult
VPD-East ADC Sum

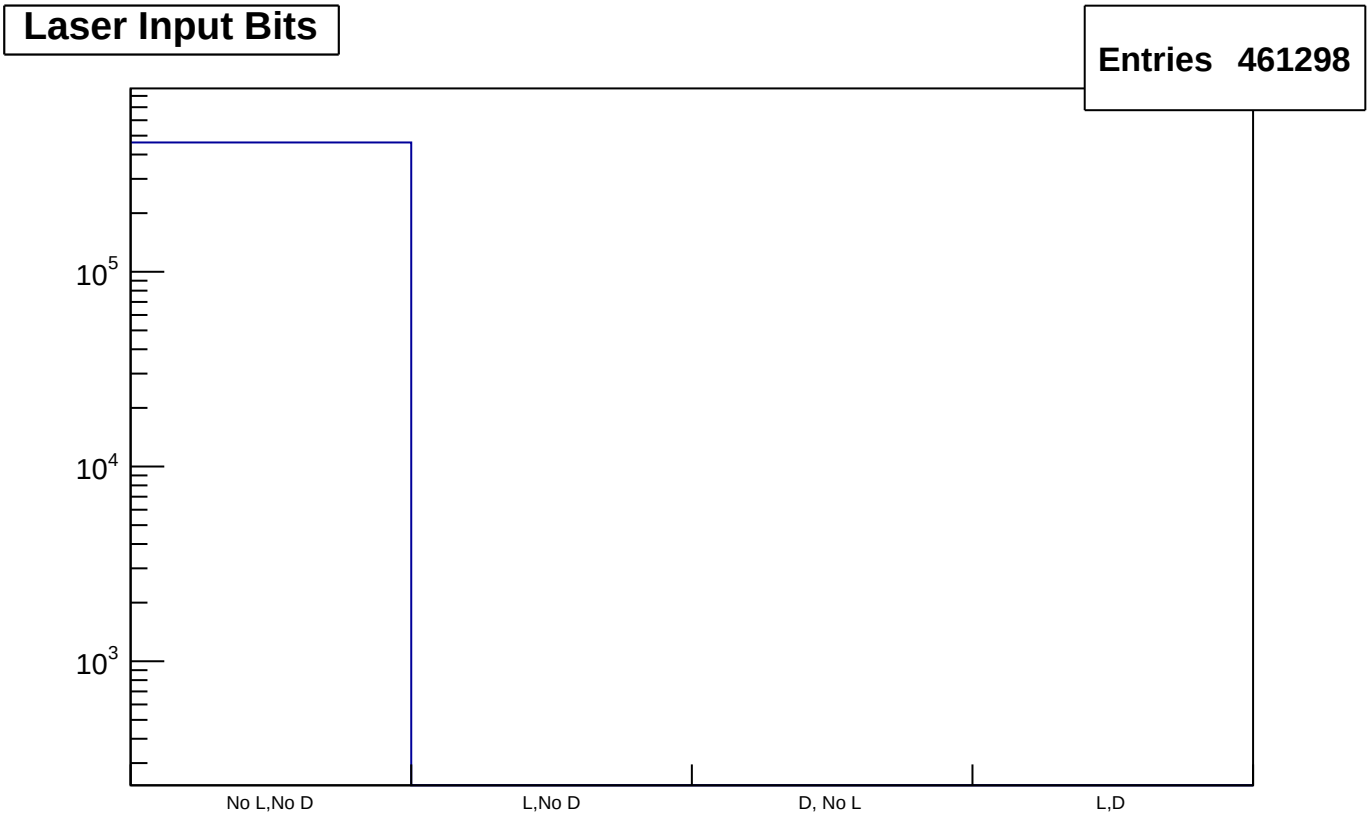

Entries 461298
TOF-Mult
VPD-West ADC Sum

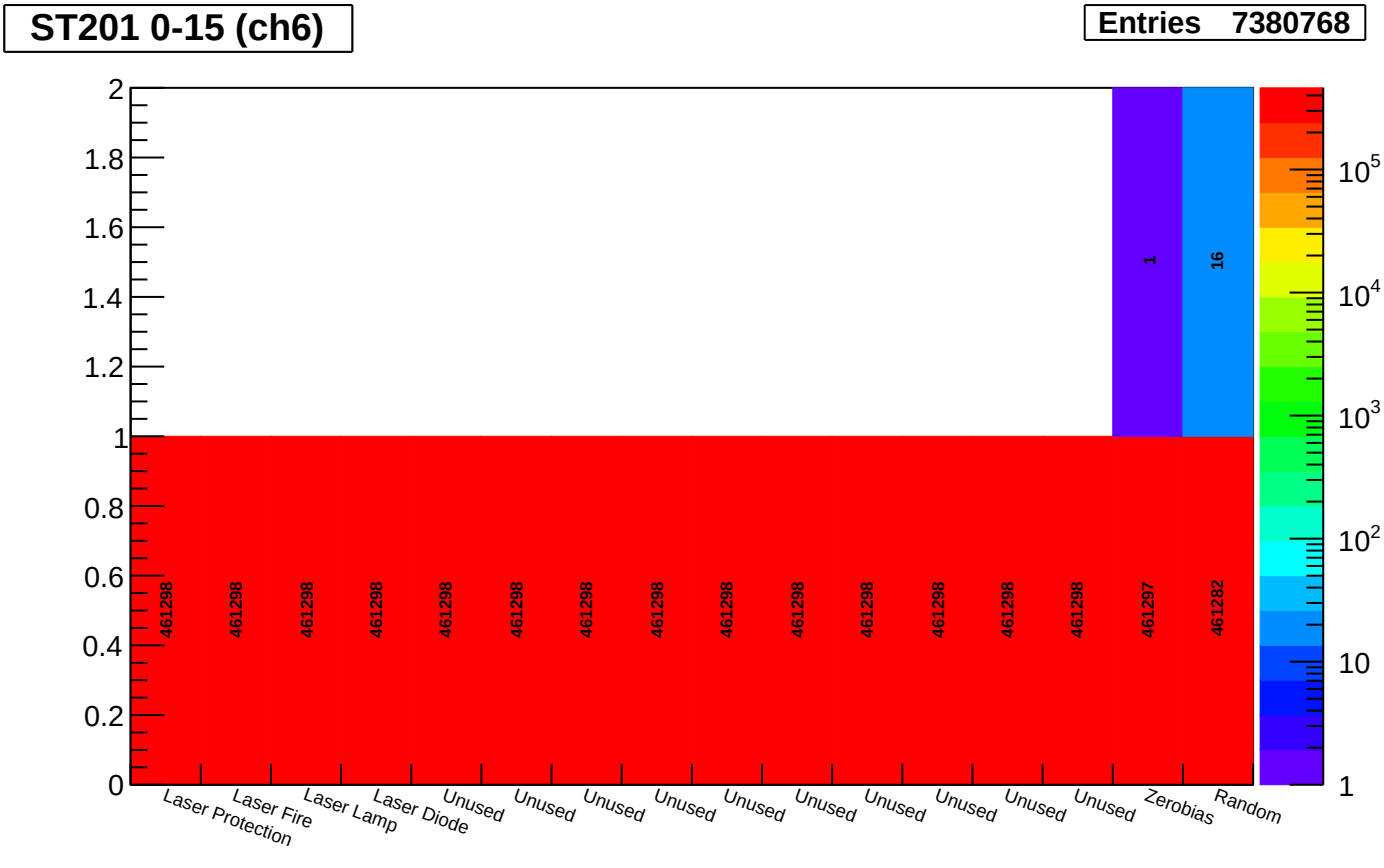

Entries 461298
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

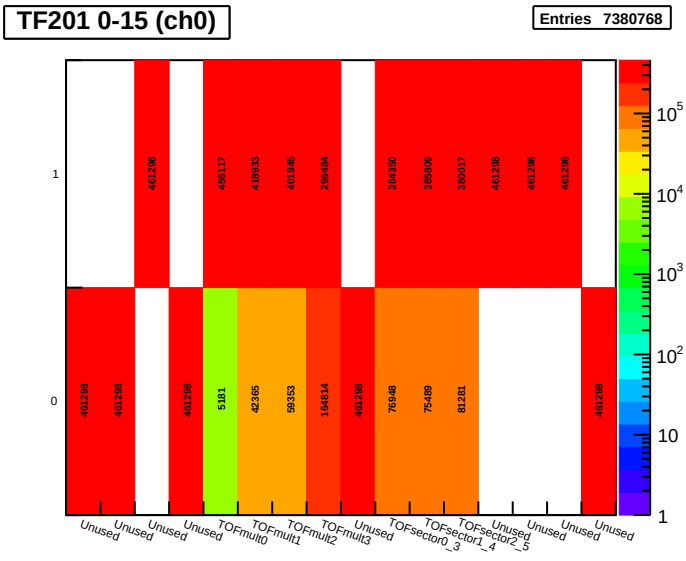

Entries 461298
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

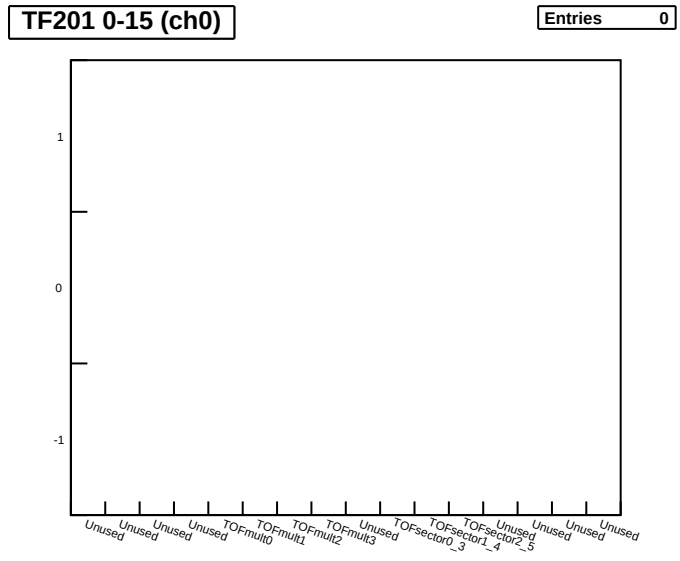

Entries 461298
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

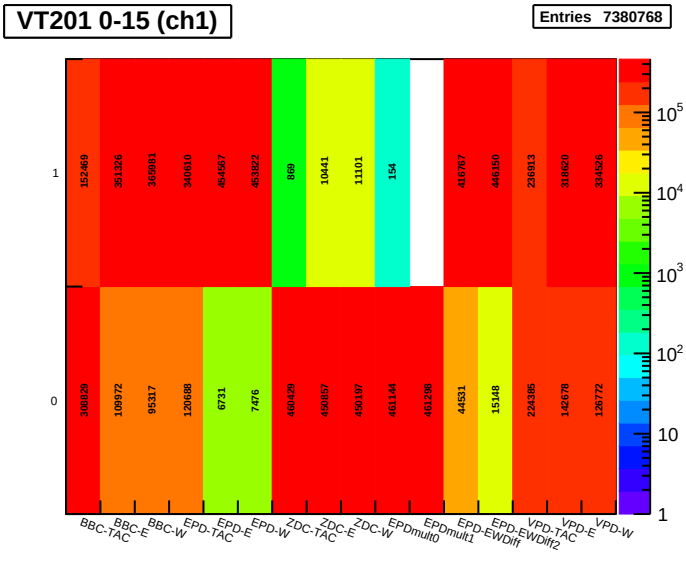

Entries 461298
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

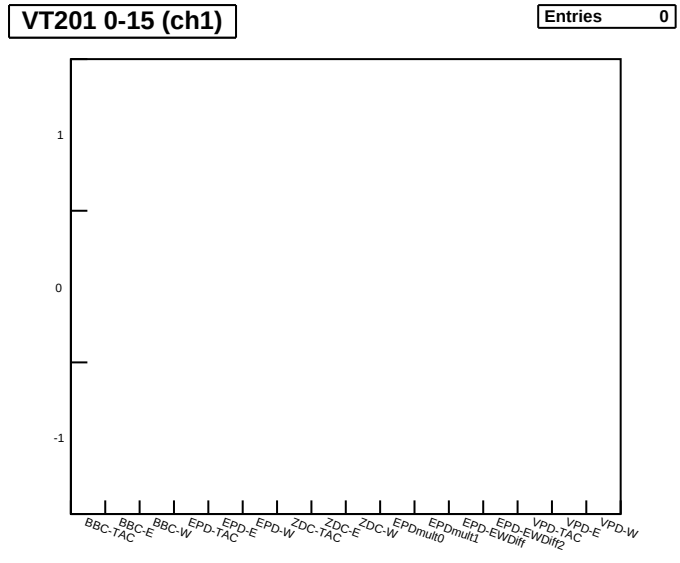

Laser Input Bits
Entries 461298
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

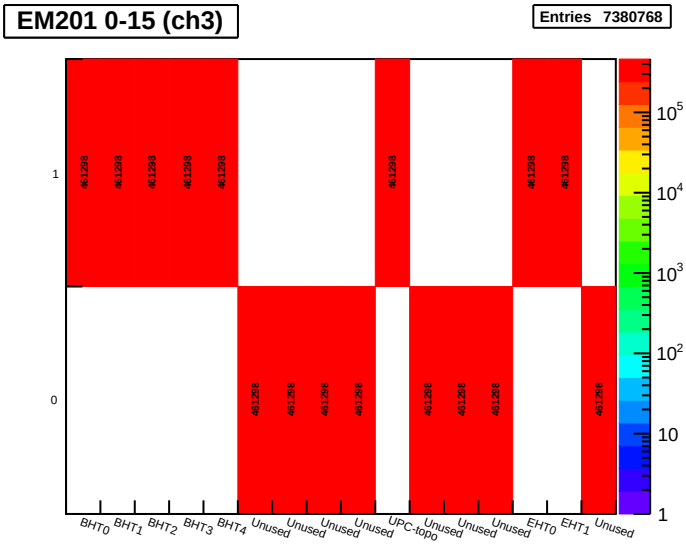

ST201 0-15 (ch6)
Entries 7380768
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
461298
461298
461298
461298
461298
461298
461298
461298
461298
461298
461298
461298
461298
461298
461297
461282
1
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

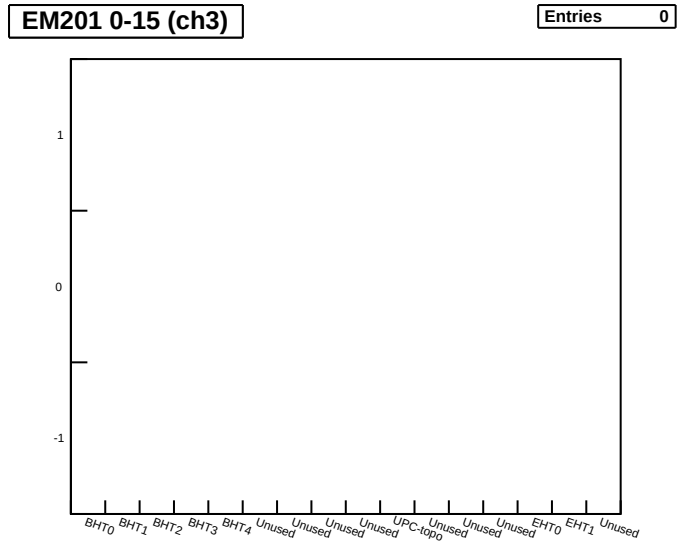

TF201 0-15 (ch0)
Entries 7380768
1
0
461298 461298 461298 5181 42365 59353 164814 461298 76948 75489 81281 461298
461298 456117 418933 401945 296484 384350 365809 380017 461298 461298 461298
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 7380768
1
0
152469 351326 365981 340610 454567 453822 869 10441 11101 154 416767 446150 236913 318620 334526
308829 109972 95317 120688 6731 7476 460429 450857 450197 461144 461298 44531 15148 224385 142678 126772
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 7380768
1
0
461298 461298 461298 461298 461298 461298 461298
461298 461298 461298 461298 461298 461298 461298 461298
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