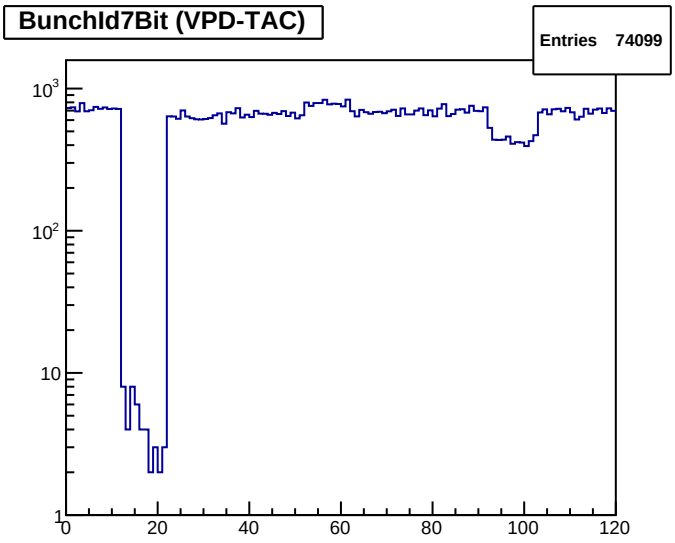
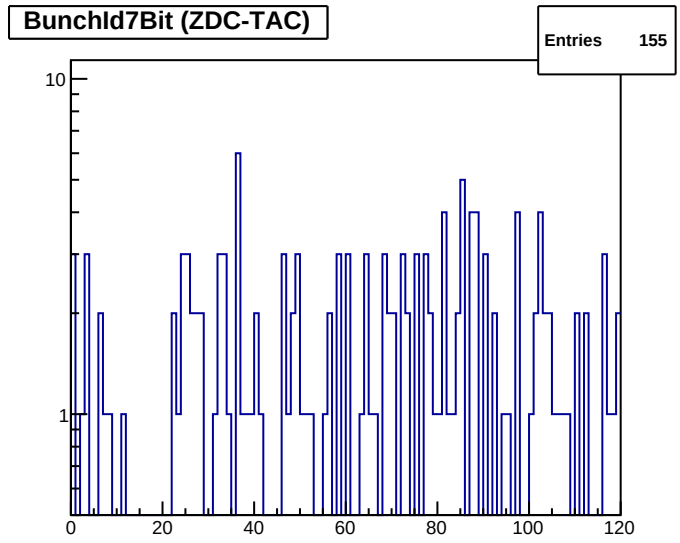
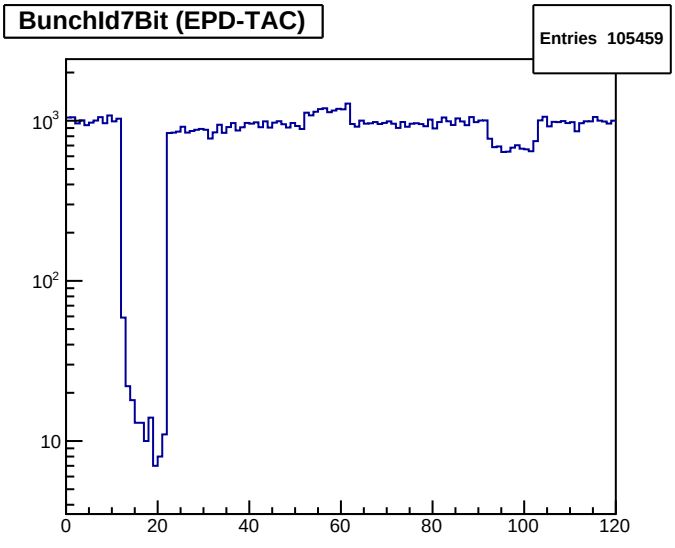
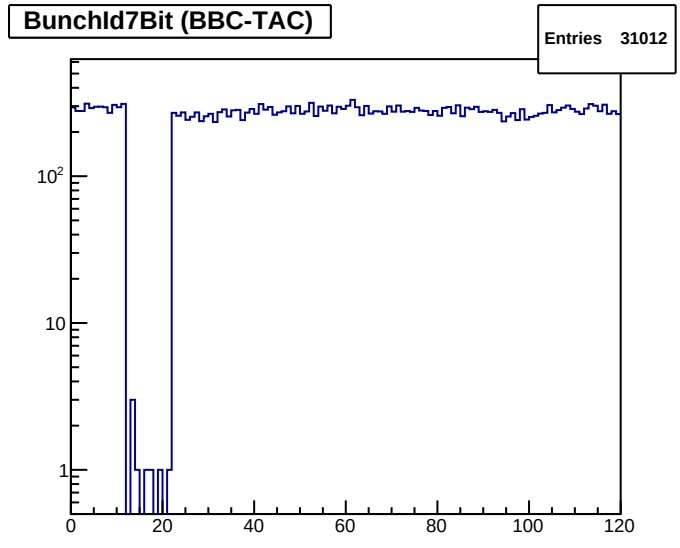
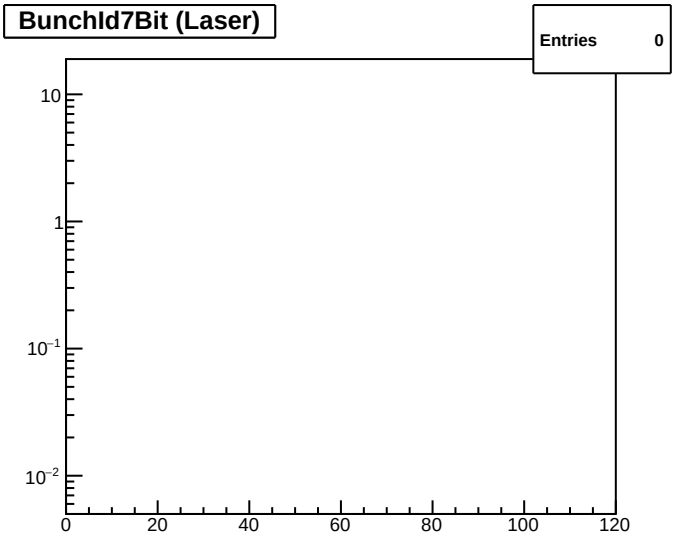
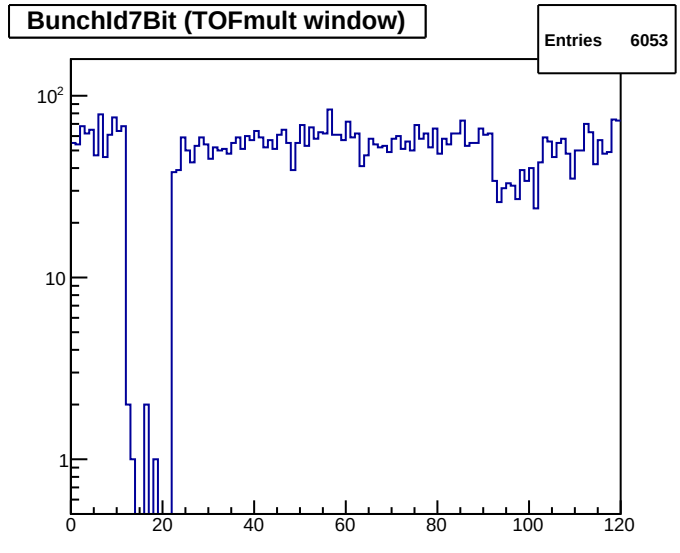

BunchId7Bit (VPD-TAC)
Entries 74099

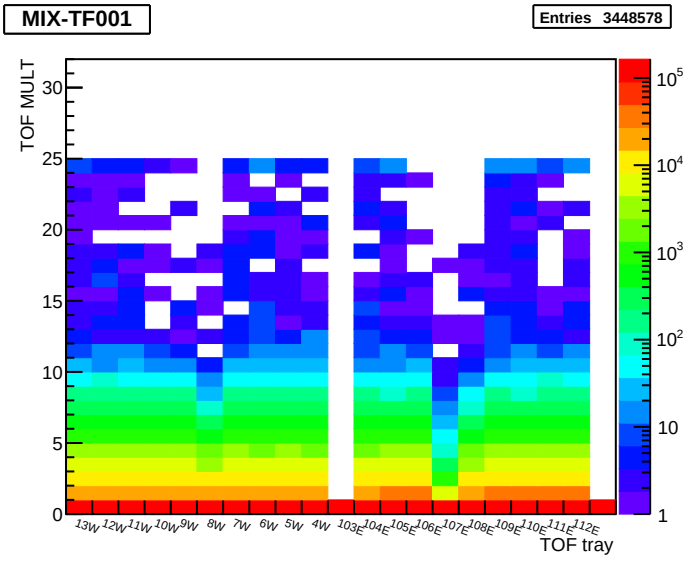

BunchId7Bit (ZDC-TAC)
Entries 155

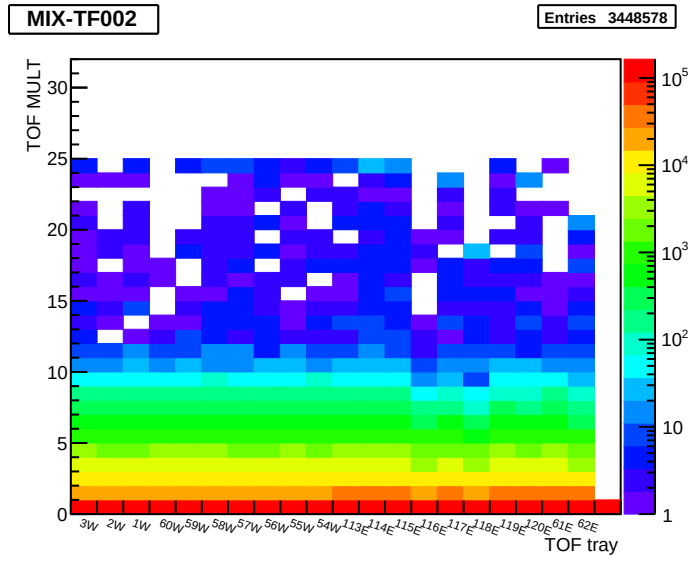

BunchId7Bit (EPD-TAC)
Entries 105459

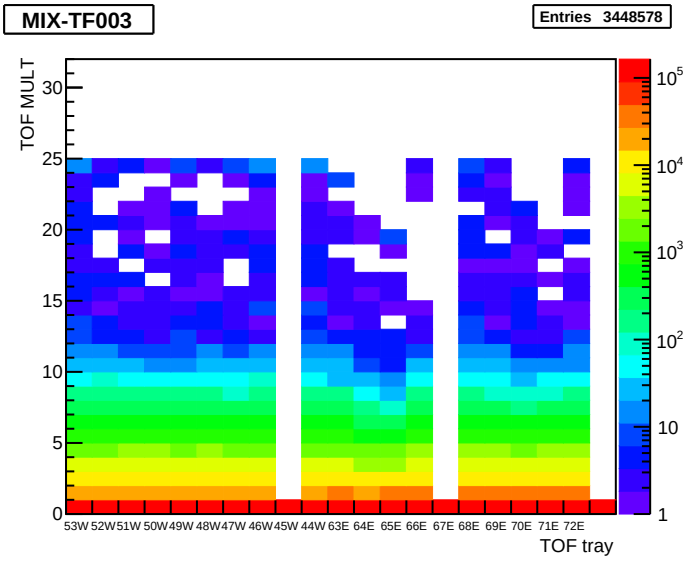

BunchId7Bit (BBC-TAC)
Entries 31012

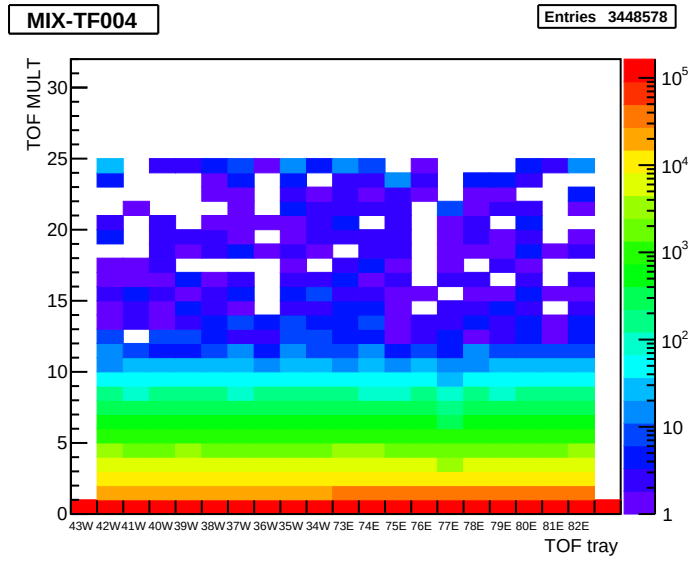

BunchId7Bit (Laser)
Entries 0

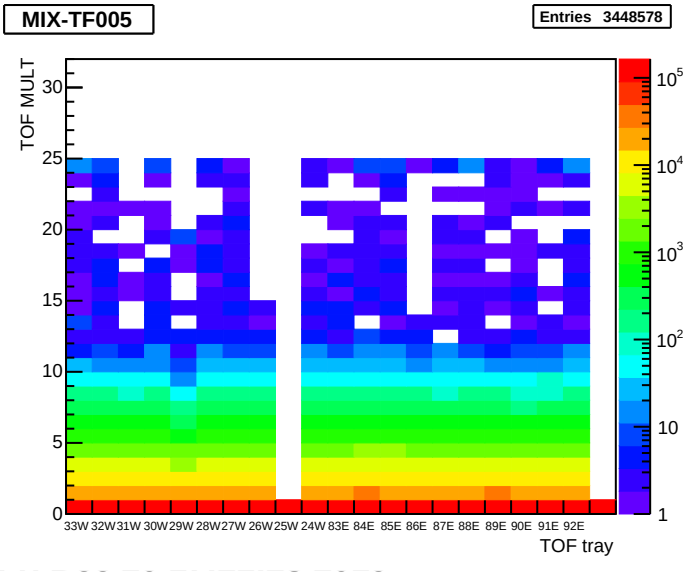

BunchId7Bit (TOFmult window)
Entries 6053

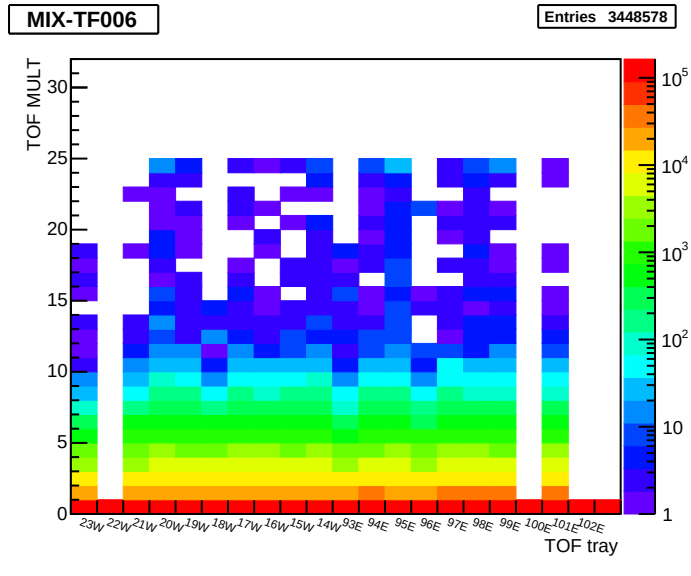

MIX-TF001
Entries 3448578
TOF MULT
TOF tray

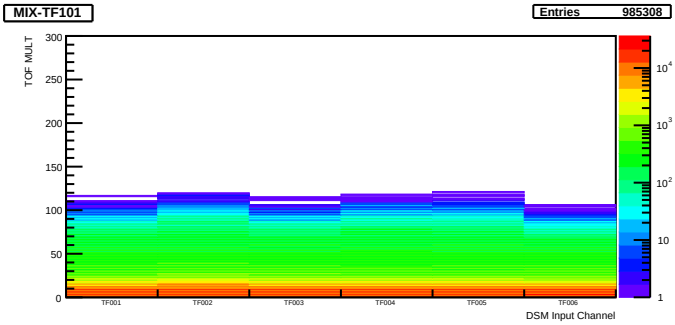

MIX-TF002
Entries 3448578
TOF MULT
TOF tray

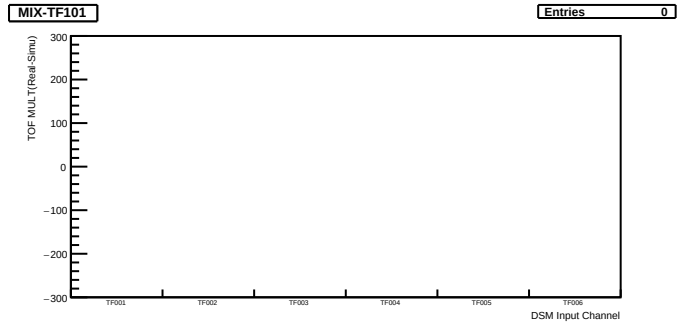

MIX-TF003
Entries 3448578
TOF MULT
TOF tray

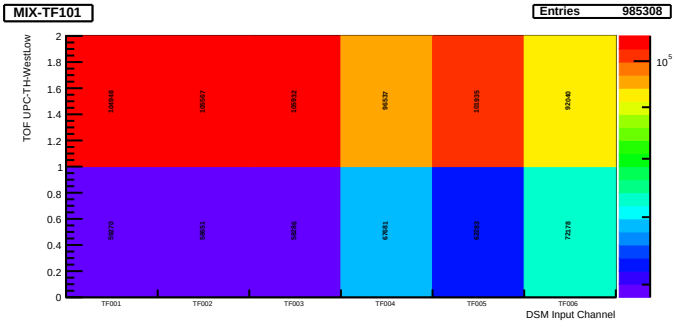

MIX-TF004
Entries 3448578
TOF MULT
TOF tray

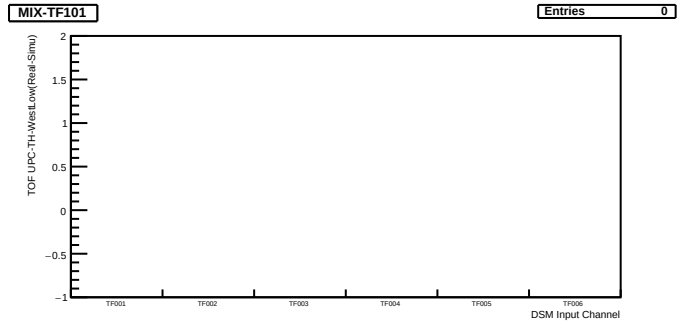

MIX-TF005
Entries 3448578
TOF MULT
TOF tray

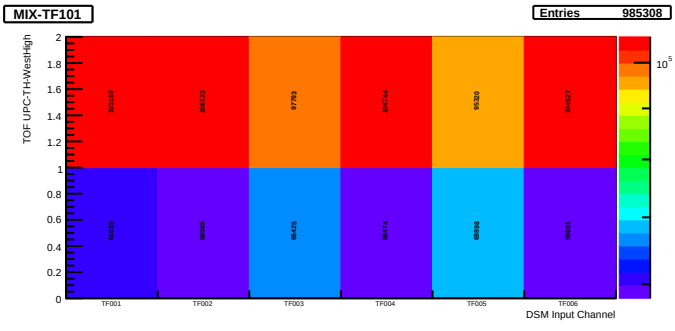

MIX-TF006
Entries 3448578
TOF MULT
TOF tray

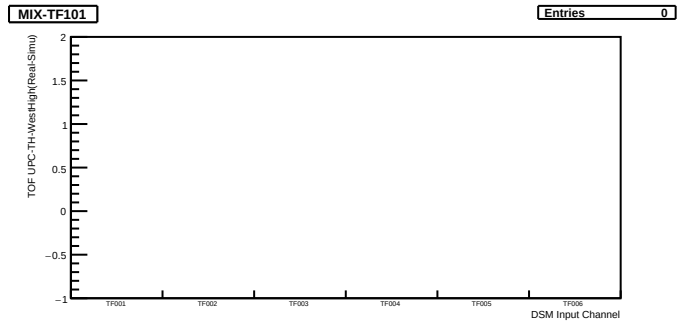

MIX-TF101
Entries 985308
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

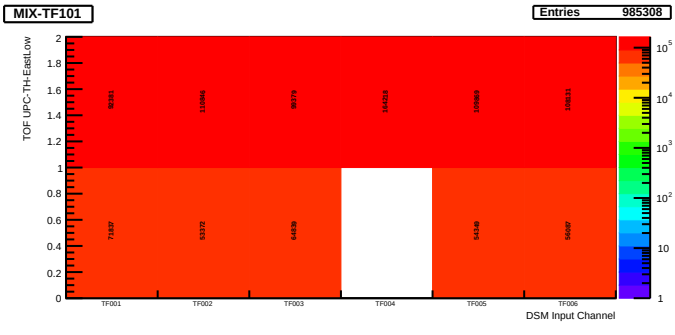

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

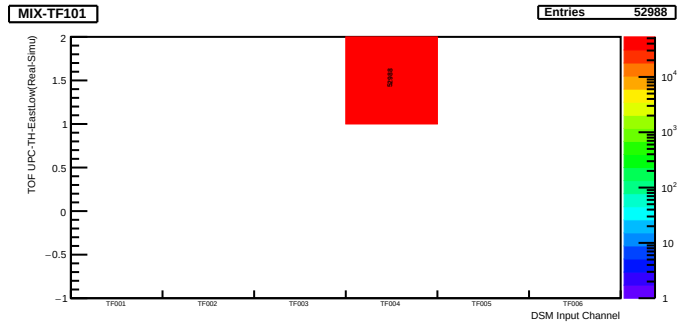

MIX-TF101
Entries 985308
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

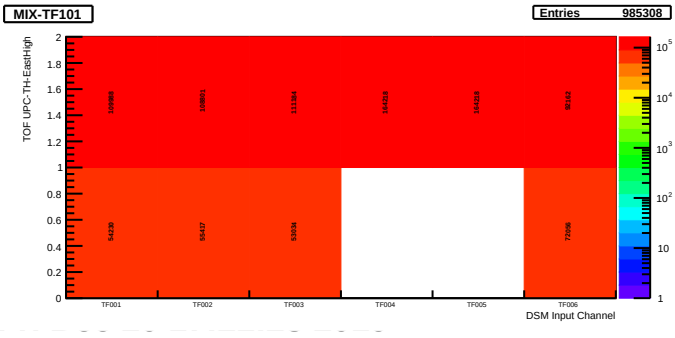

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

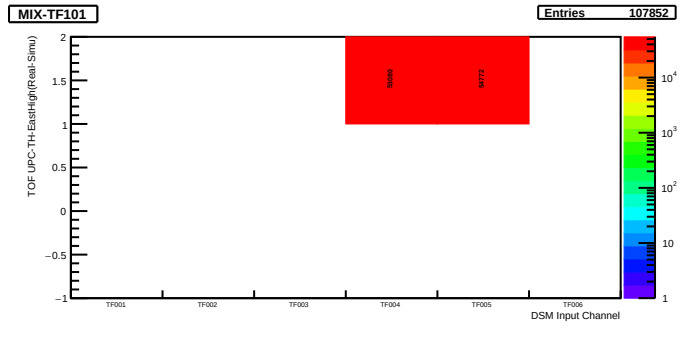

MIX-TF101
Entries 985308
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

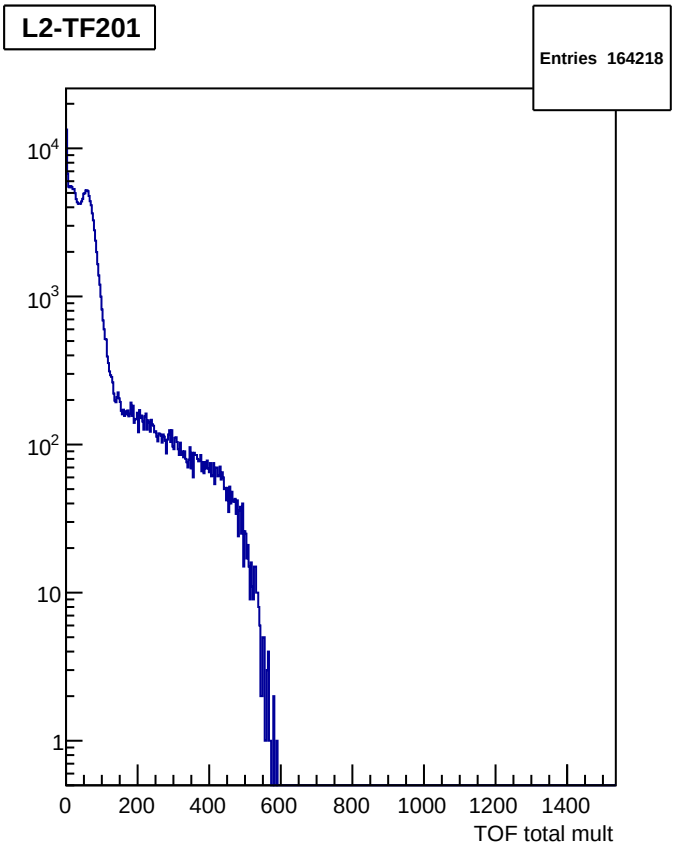

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

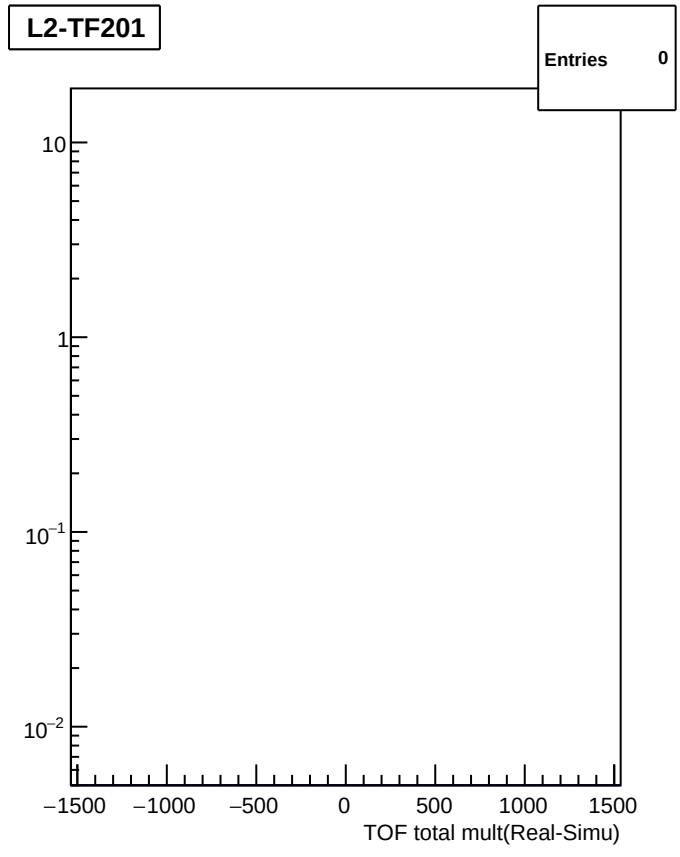

MIX-TF101
Entries 985308
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

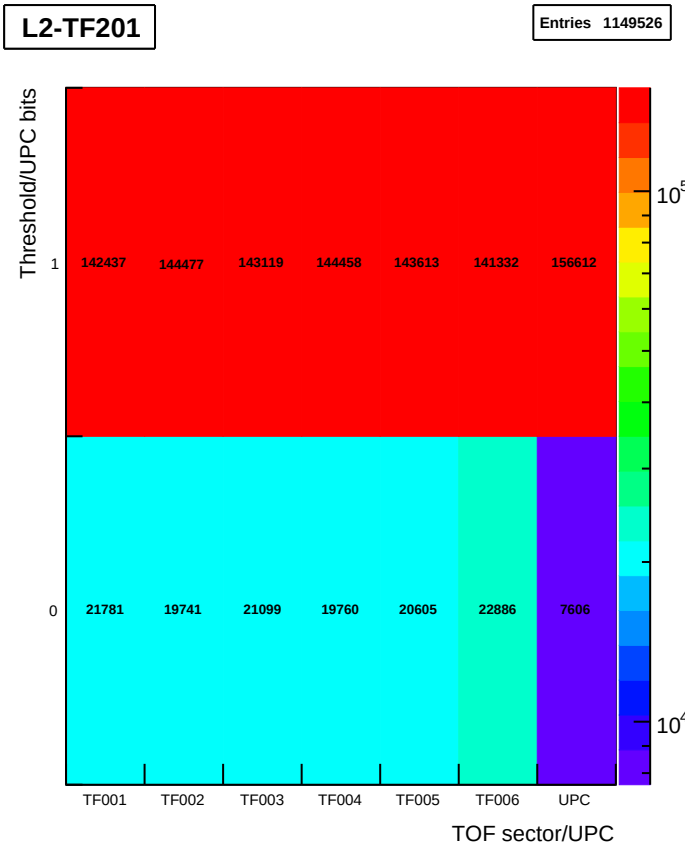

MIX-TF101
Entries 52988
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

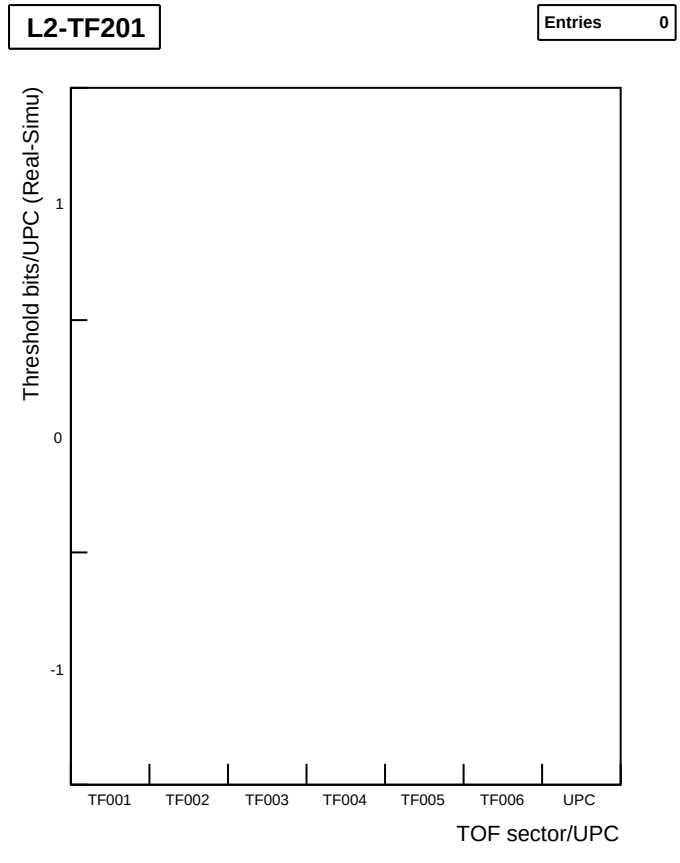

MIX-TF101
Entries 985308
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

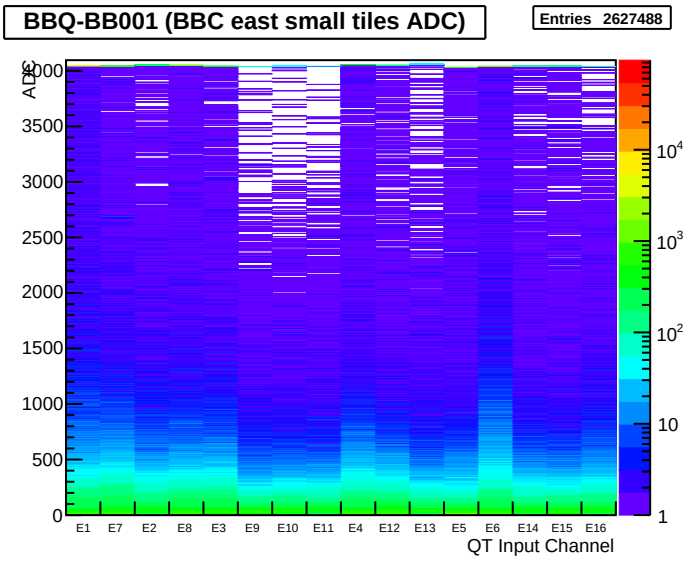

MIX-TF101
Entries 107852
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

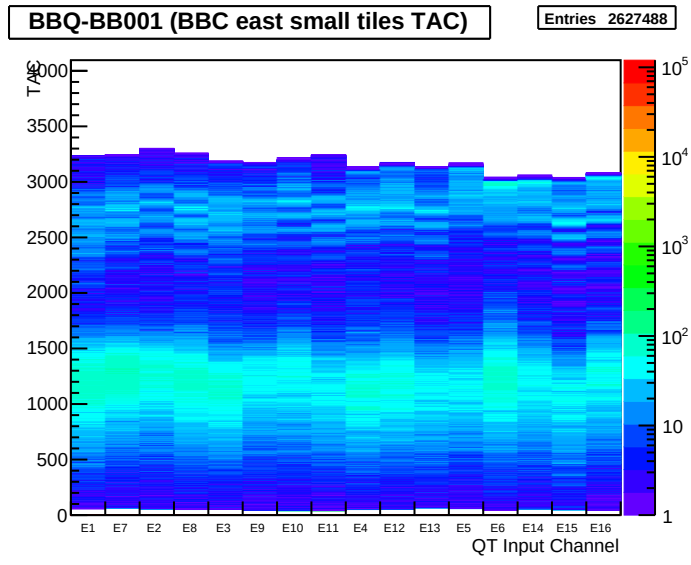

L2-TF201
Entries 164218
TOF total mult

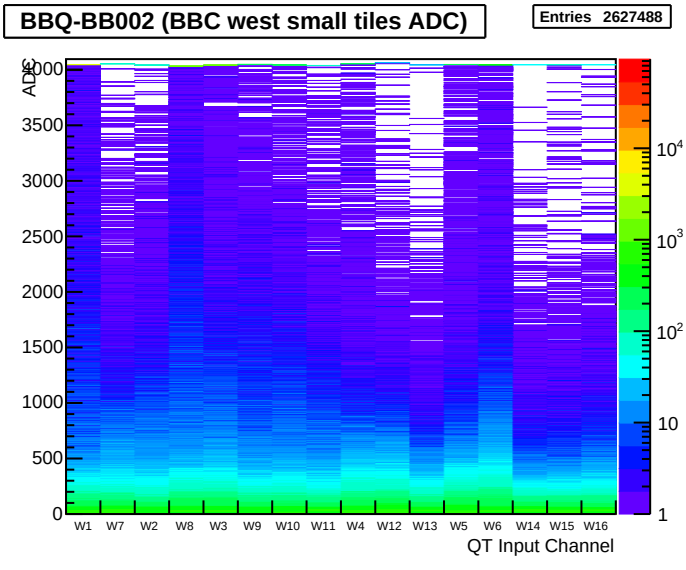

L2-TF201
Entries 0
TOF total mult(Real-Simu)

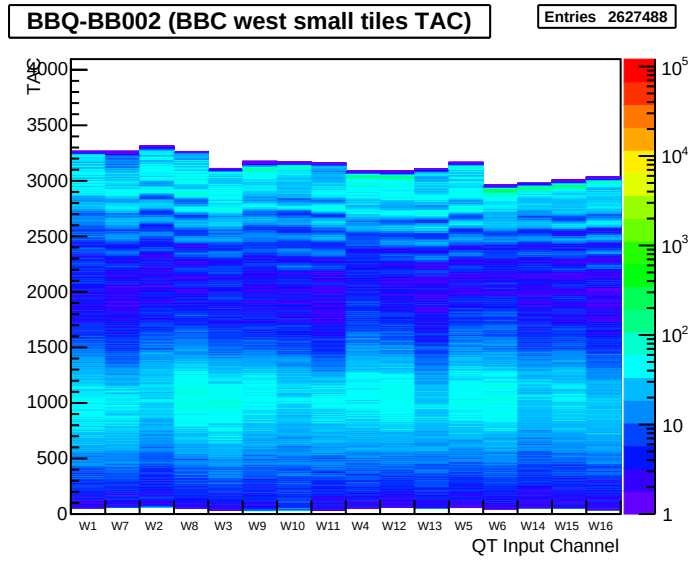

L2-TF201
Entries 1149526
Threshold/UPC bits
142437
144477
143119
144458
143613
141332
156612
21781
19741
21099
19760
20605
22886
7606
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

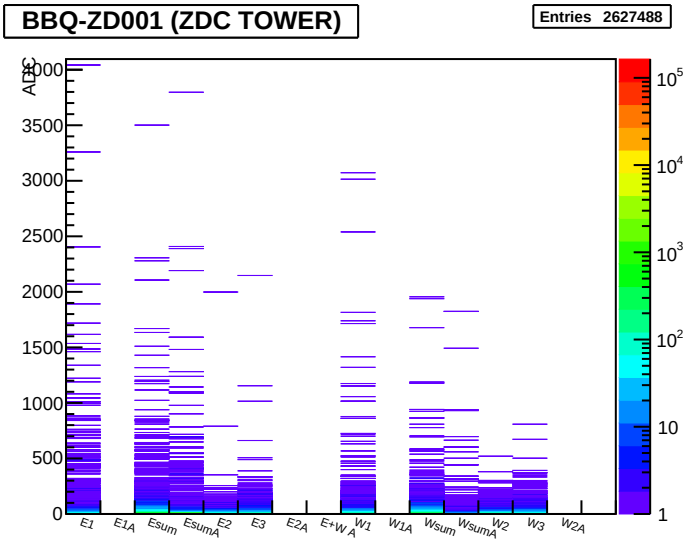

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

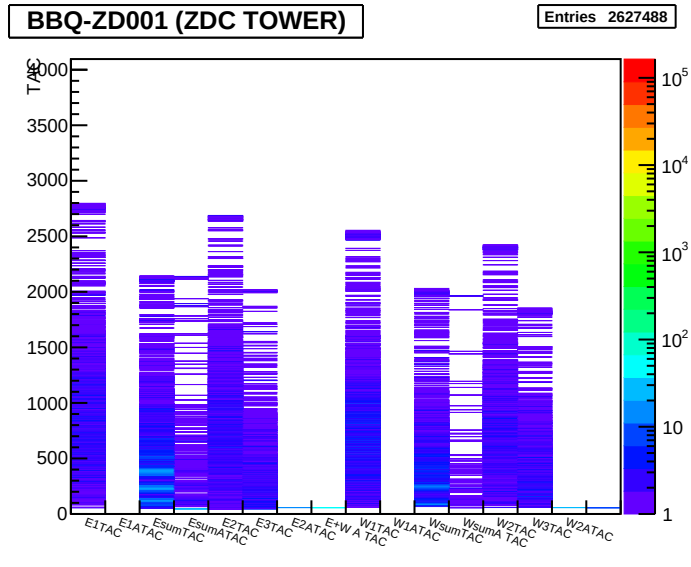

BBQ-BB001 (BBC east small tiles ADC)
Entries 2627488
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

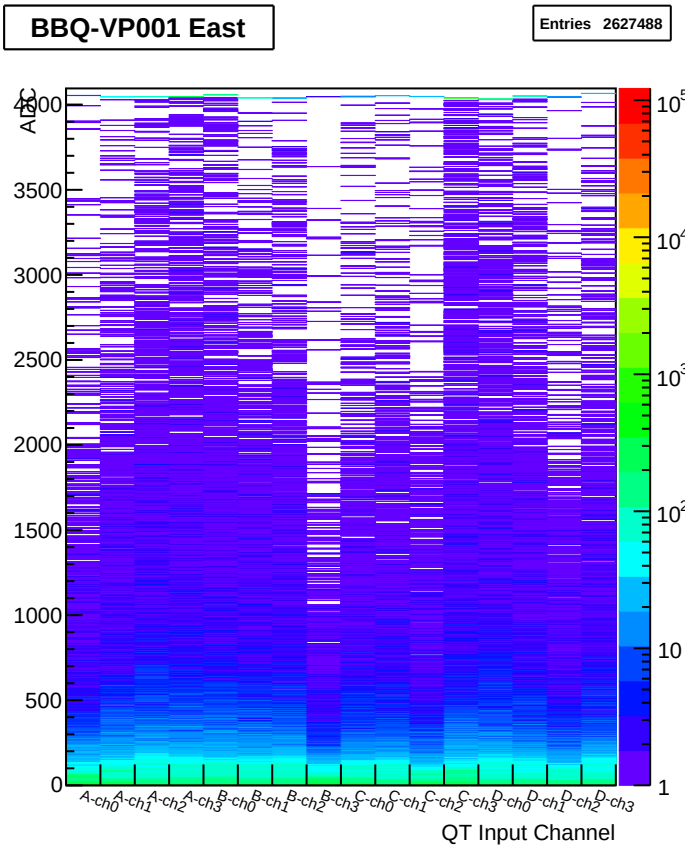

BBQ-BB001 (BBC east small tiles TAC)
Entries 2627488
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

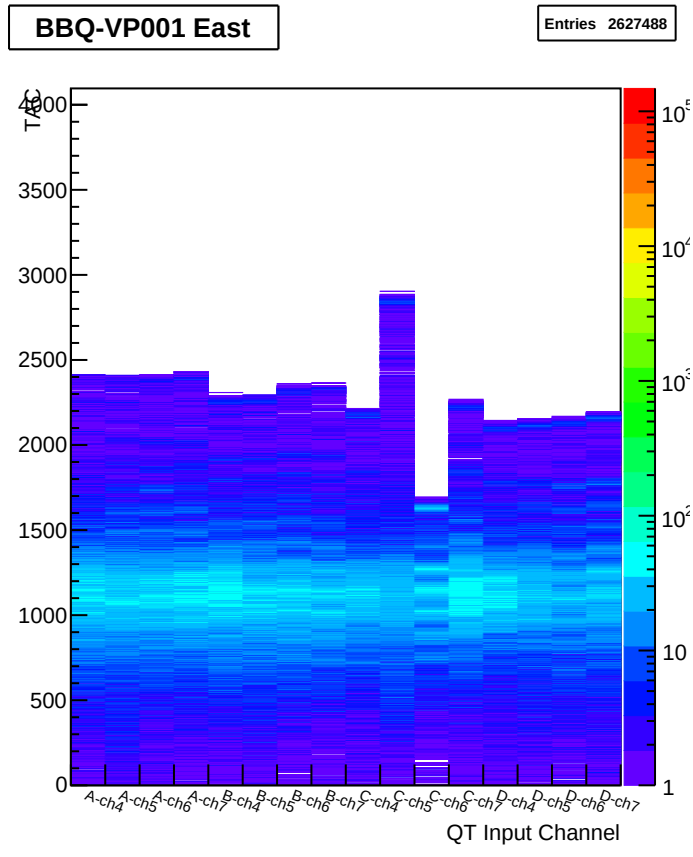

BBQ-BB002 (BBC west small tiles ADC)
Entries 2627488
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

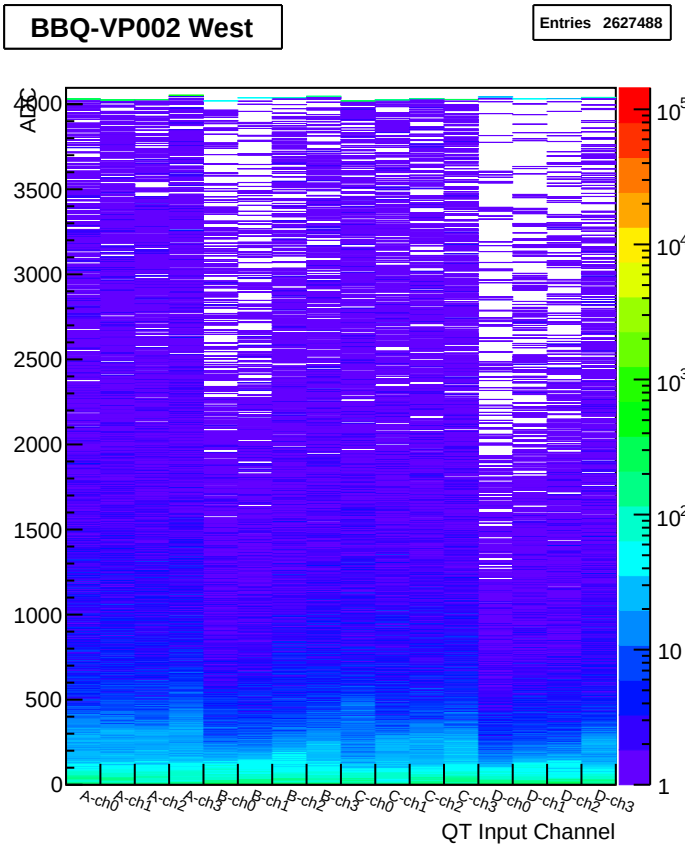

BBQ-BB002 (BBC west small tiles TAC)
Entries 2627488
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

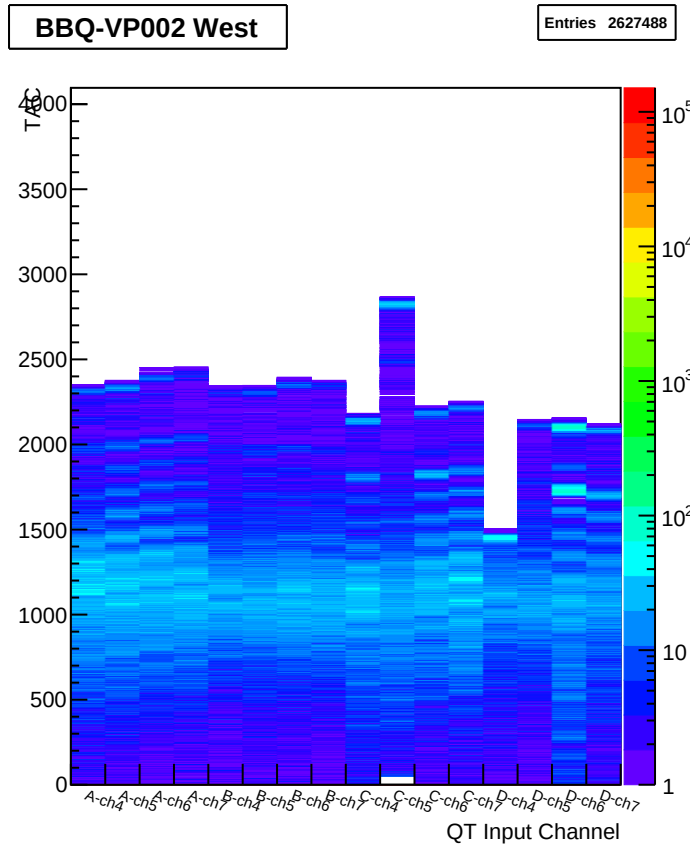

BBQ-ZD001 (ZDC TOWER)
Entries 2627488
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

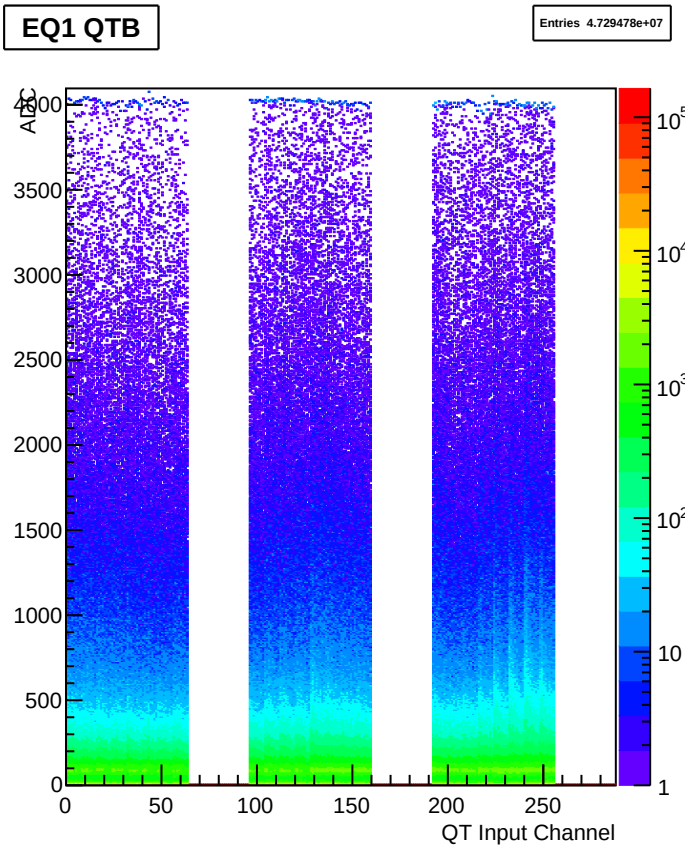

BBQ-ZD001 (ZDC TOWER)
Entries 2627488
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

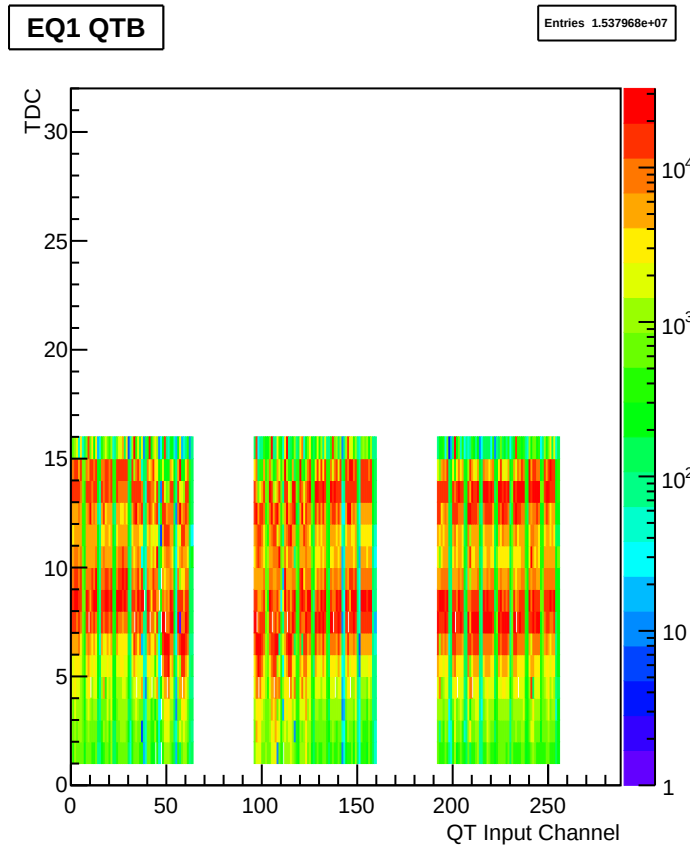

BBQ-VP001 East
Entries 2627488
ADC
QT Input Channel

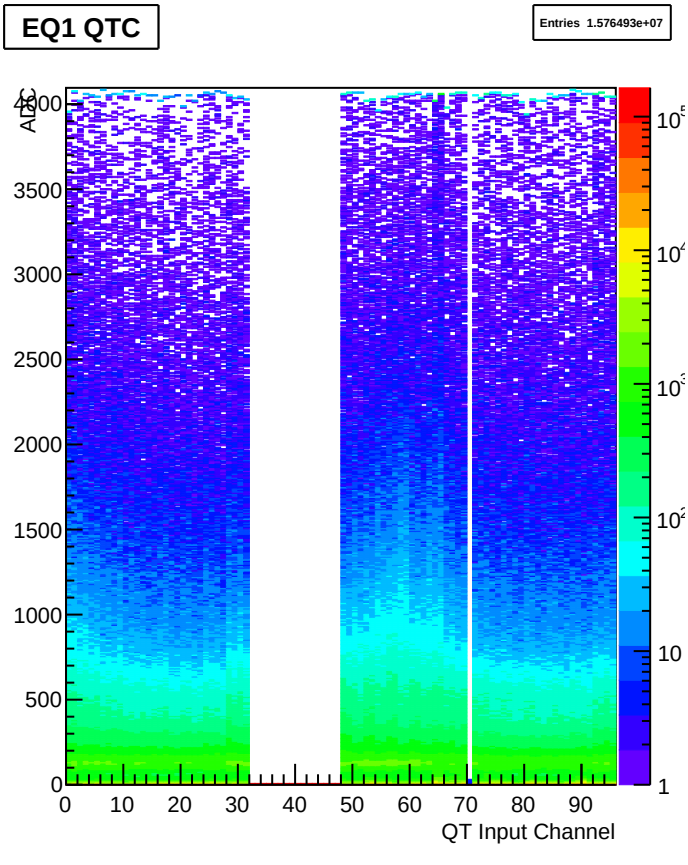

BBQ-VP001 East
Entries 2627488
TAC
QT Input Channel

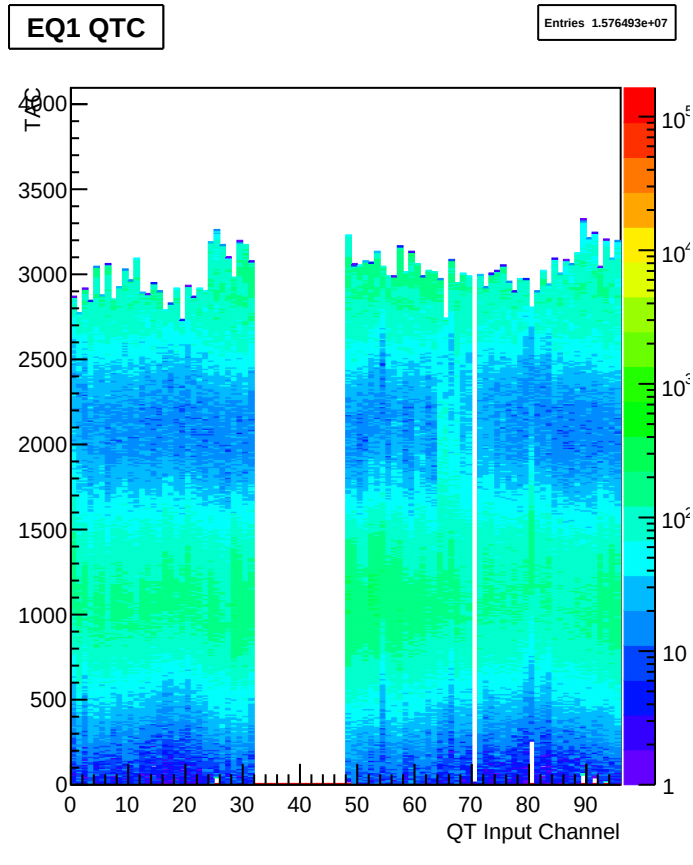

BBQ-VP002 West
Entries 2627488
ADC
QT Input Channel

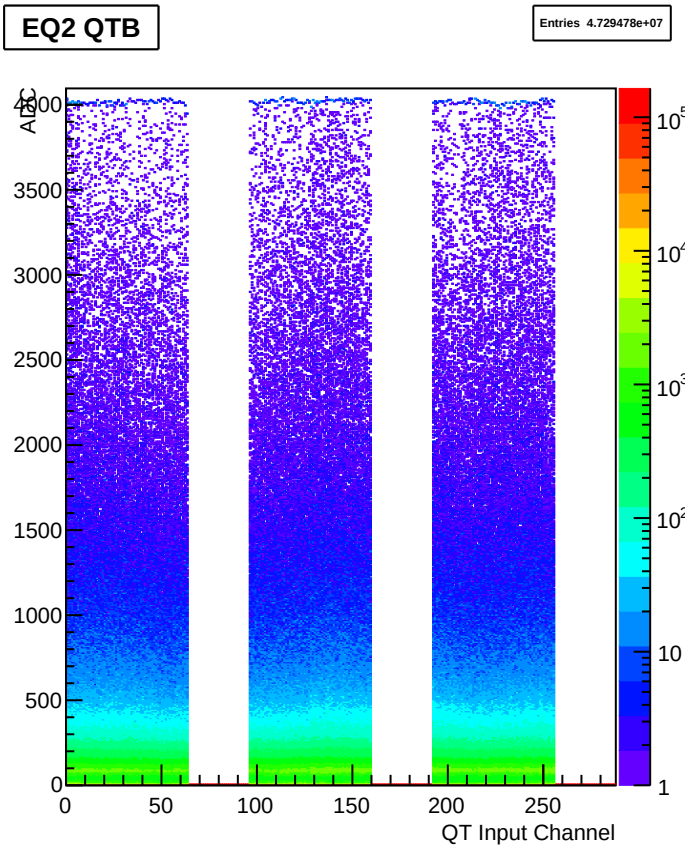

BBQ-VP002 West
Entries 2627488
TAC
QT Input Channel

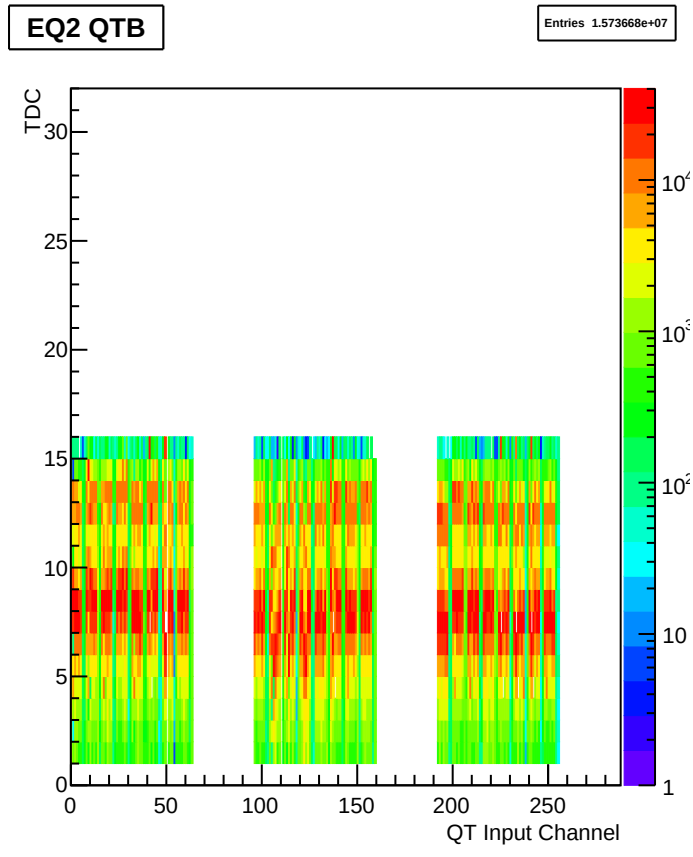

EQ1 QTB
Entries 4.729478e+07
ADC
QT Input Channel

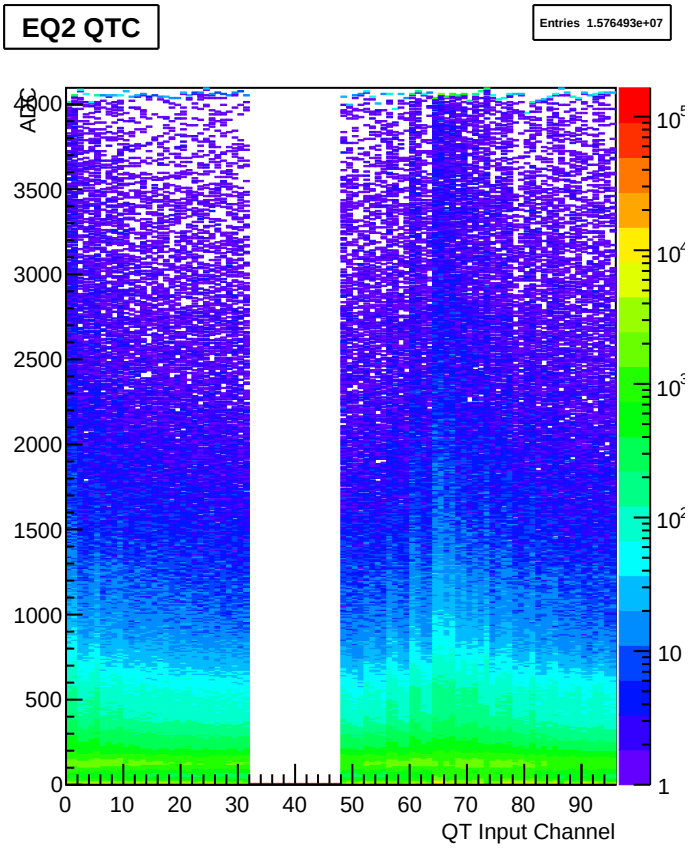

EQ1 QTB
Entries 1.537968e+07
TDC
QT Input Channel

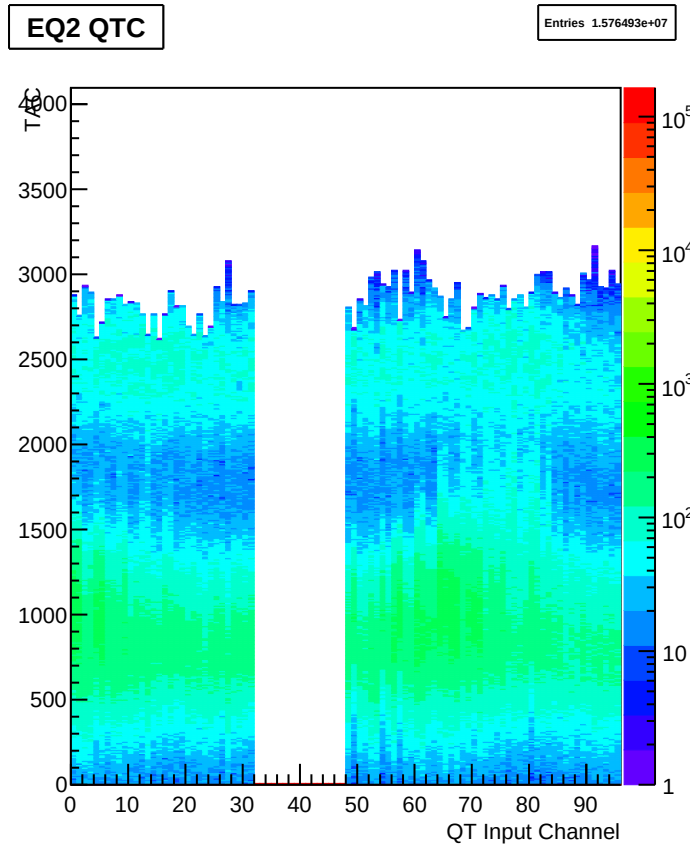

EQ1 QTC
Entries 1.576493e+07
ADC
QT Input Channel

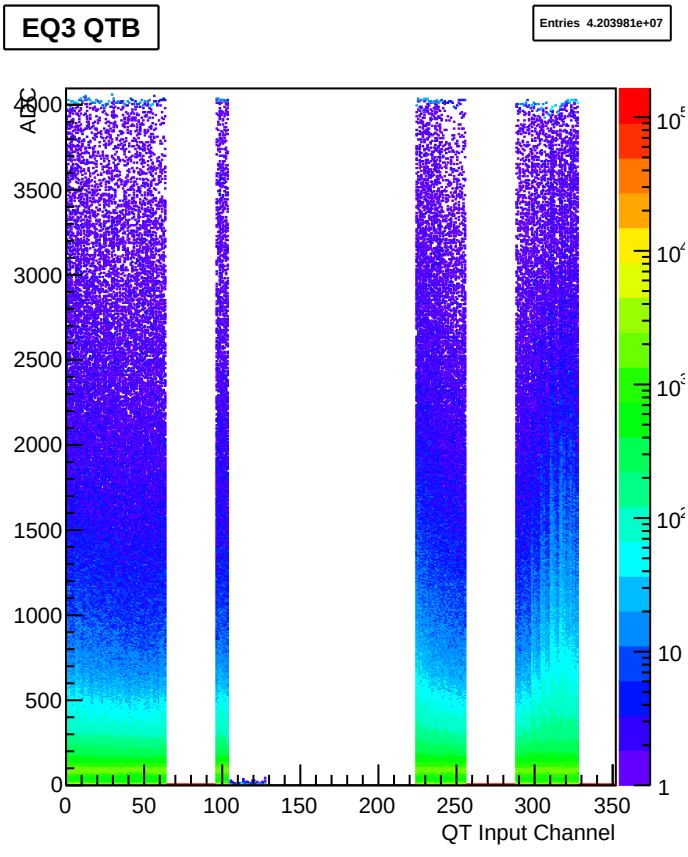

EQ1 QTC
Entries 1.576493e+07
TADC
QT Input Channel

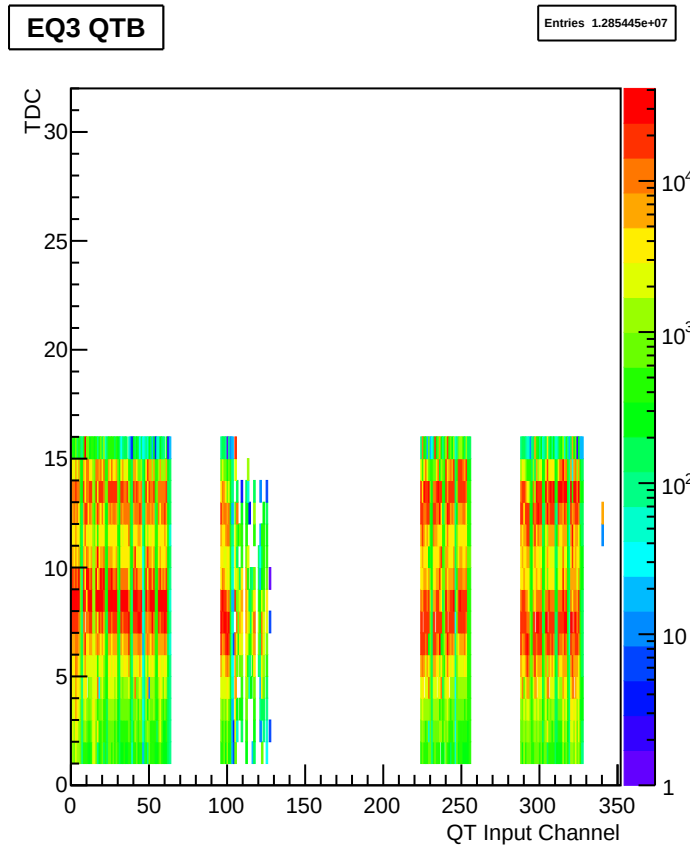

EQ2 QTB
Entries 4.729478e+07
ADC
QT Input Channel

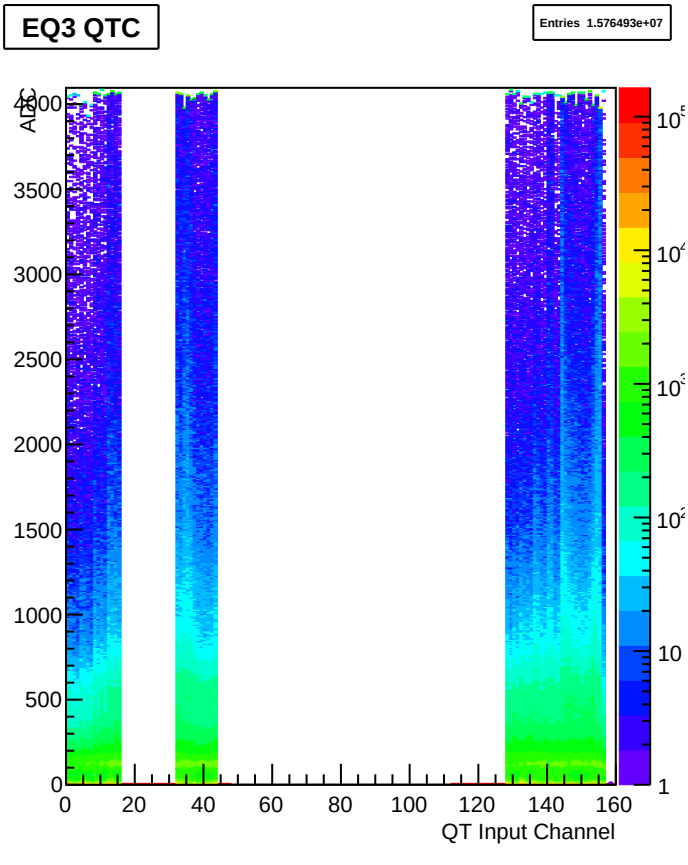

EQ2 QTB
Entries 1.573668e+07
TDC
QT Input Channel

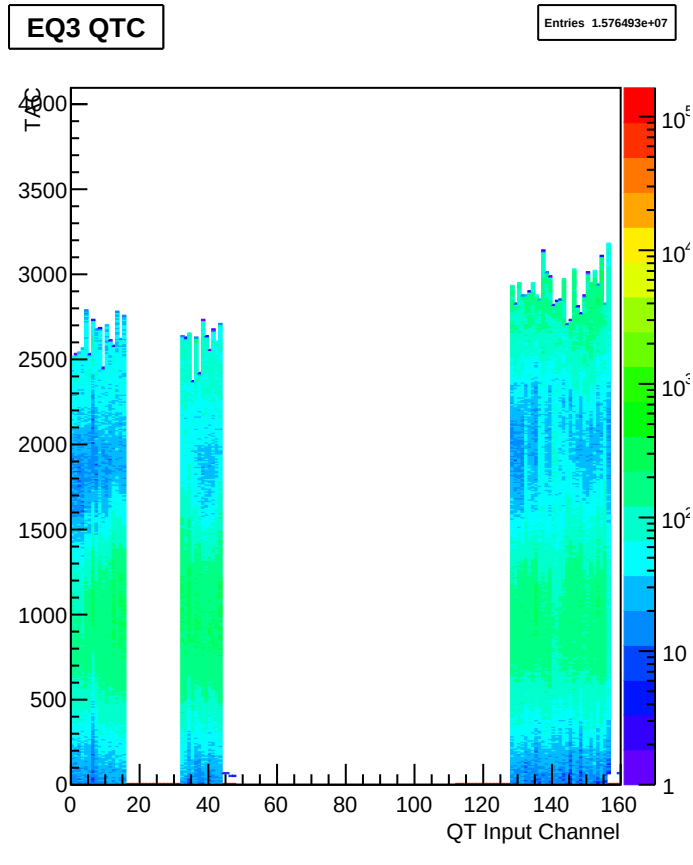

EQ2 QTC
Entries 1.576493e+07
ADC
QT Input Channel

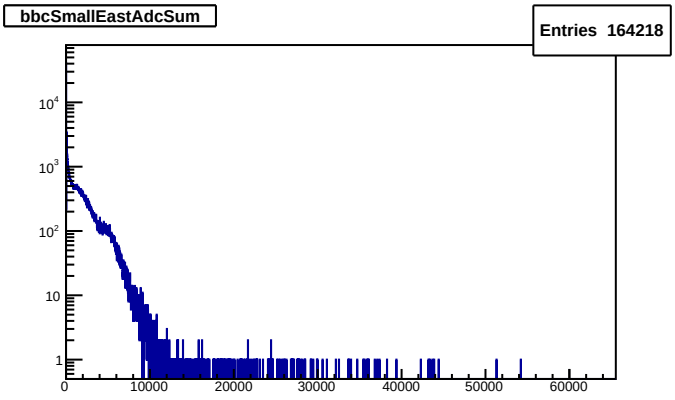

EQ2 QTC
Entries 1.576493e+07
TADC
QT Input Channel

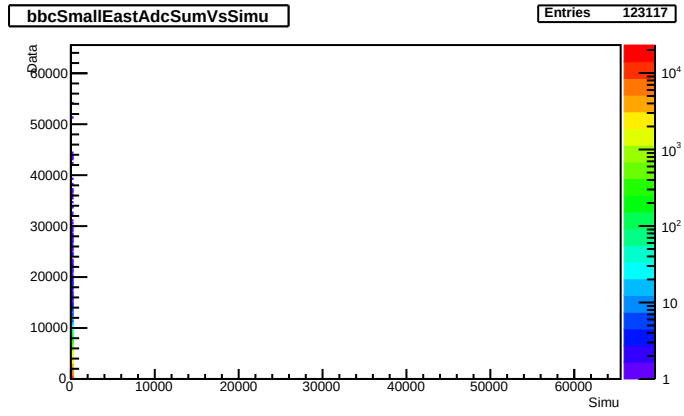

EQ3 QTB
Entries 4.203981e+07
ADC
QT Input Channel

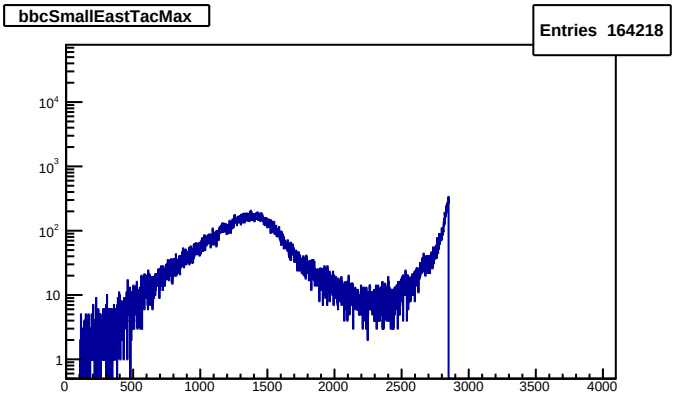

EQ3 QTB
Entries 1.285445e+07
TDC
QT Input Channel

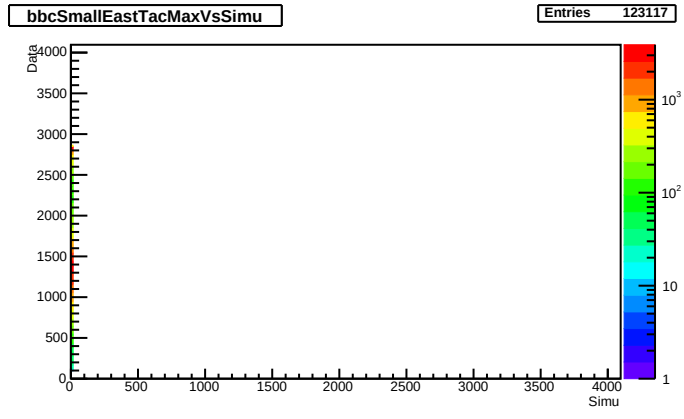

EQ3 QTC
Entries 1.576493e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.576493e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 164218


bbcSmallEastAdcSumVsSimu
Entries 123117
Data
Simu


bbcSmallEastTacMax
Entries 164218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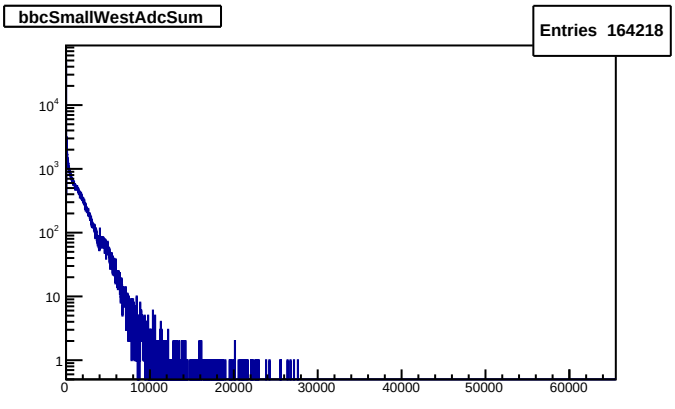
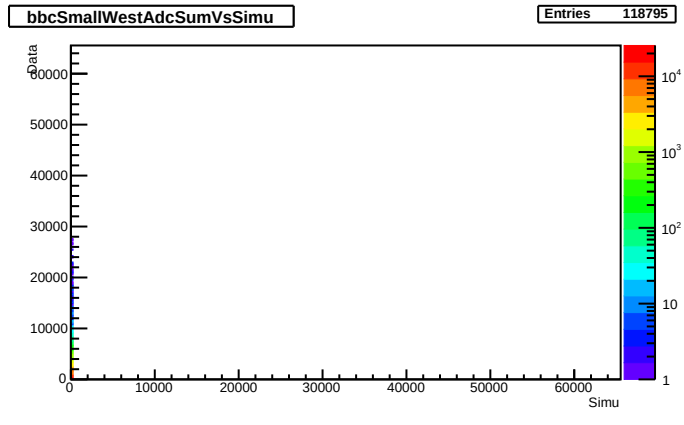
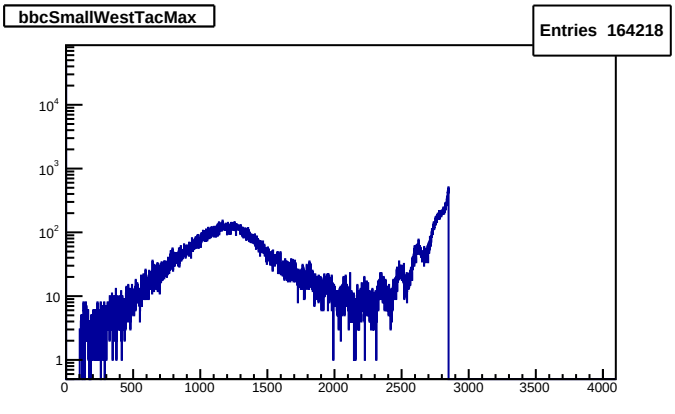
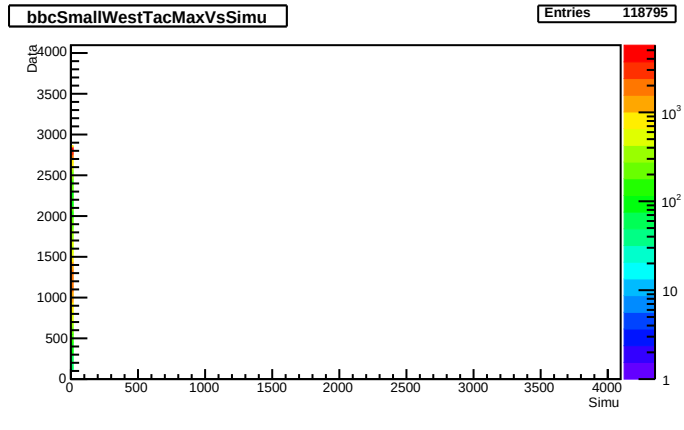
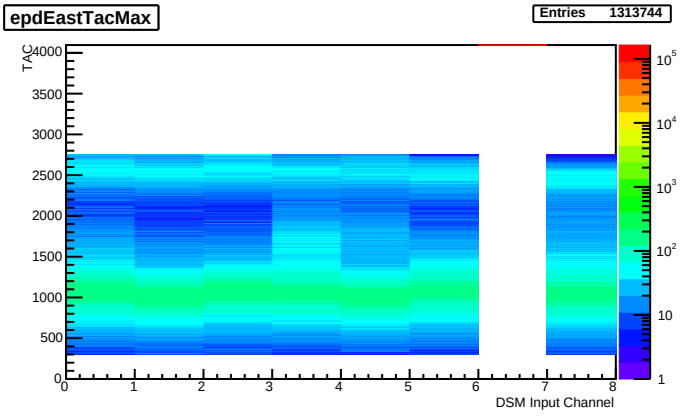
Entries 123117
Data
Simu

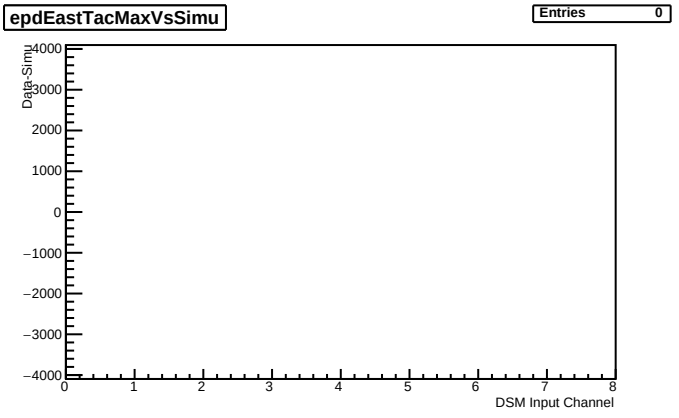

bbcSmallWestAdcSum
Entries 164218

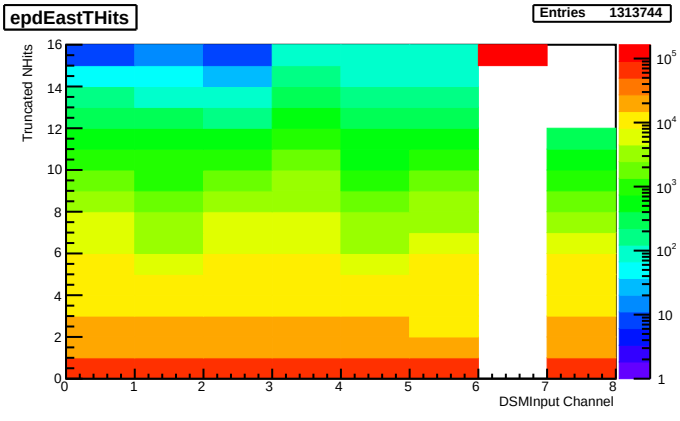

bbcSmallWestAdcSumVsSimu
Entries 118795
Data
Simu

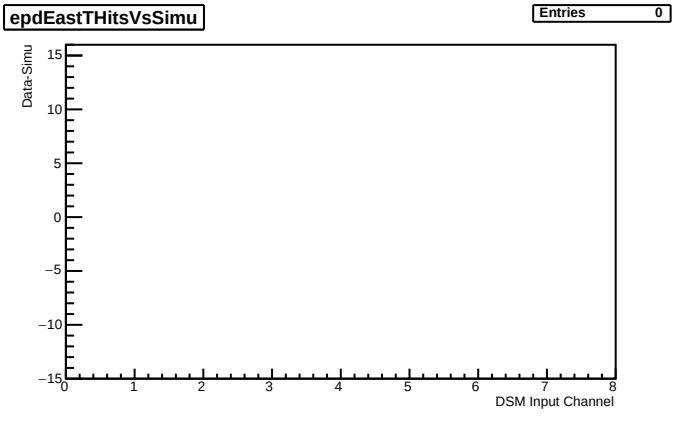

bbcSmallWestTacMax
Entries 164218


bbcSmallWestTacMaxVsSimu
Entries 118795
Data
Simu


epdEastTacMax
Entries 1313744
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1313744
Truncated NHits
DSMInput Channel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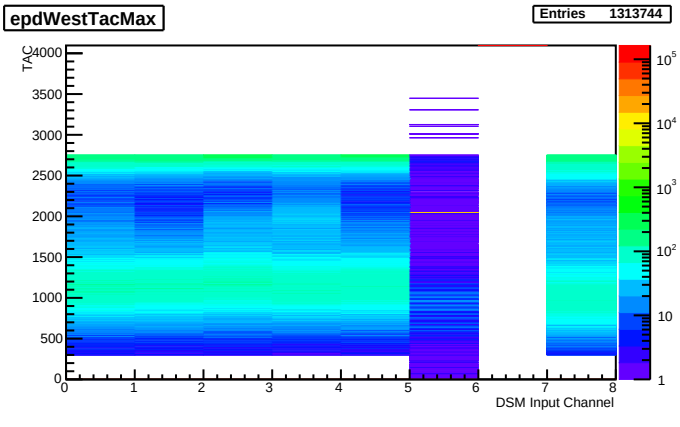
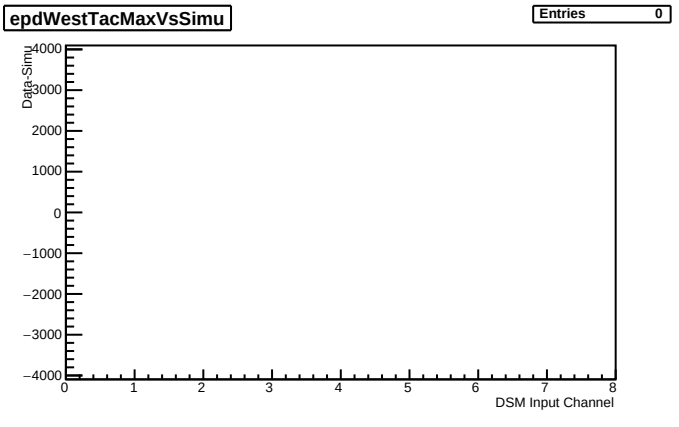
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1313744
TAC
DSM Input Channel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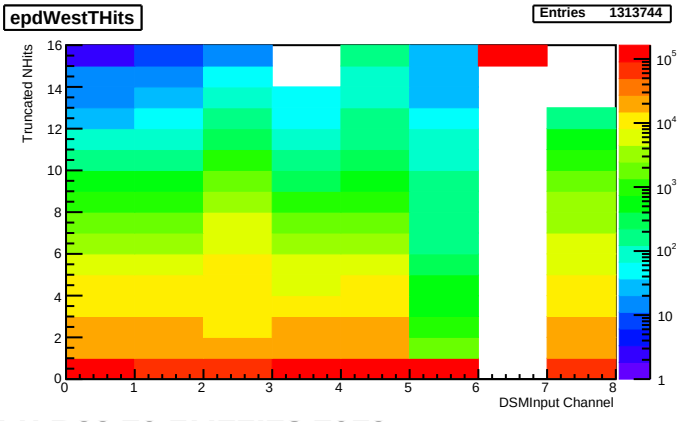
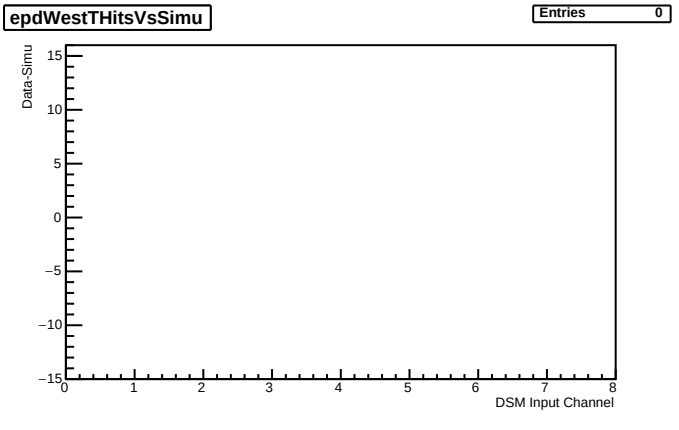
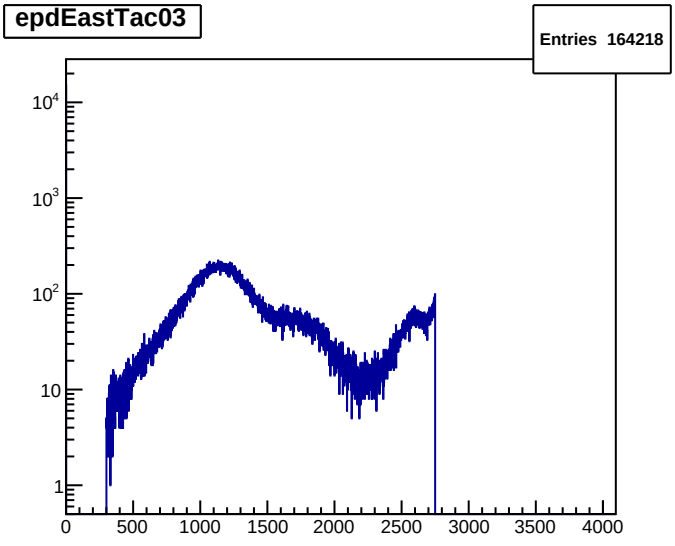
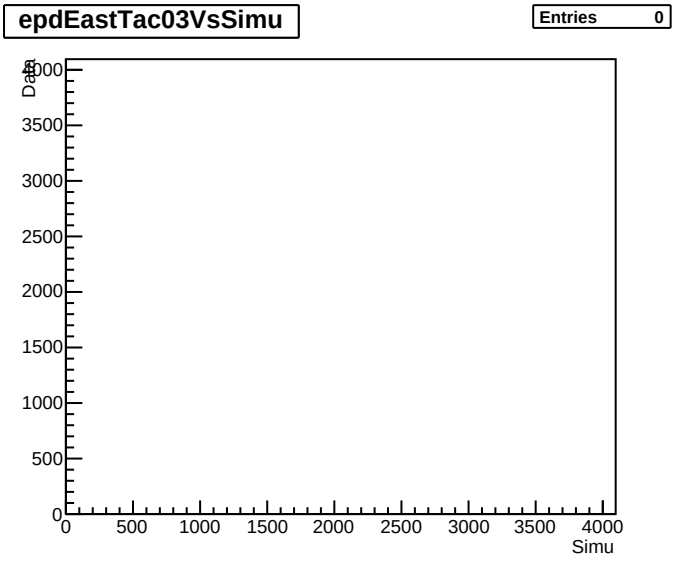
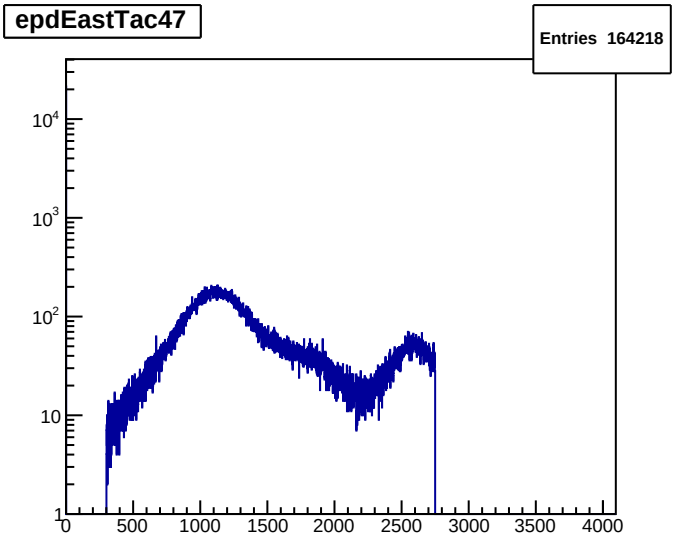
Entries 0
Data-Simu
DSM Input Channel

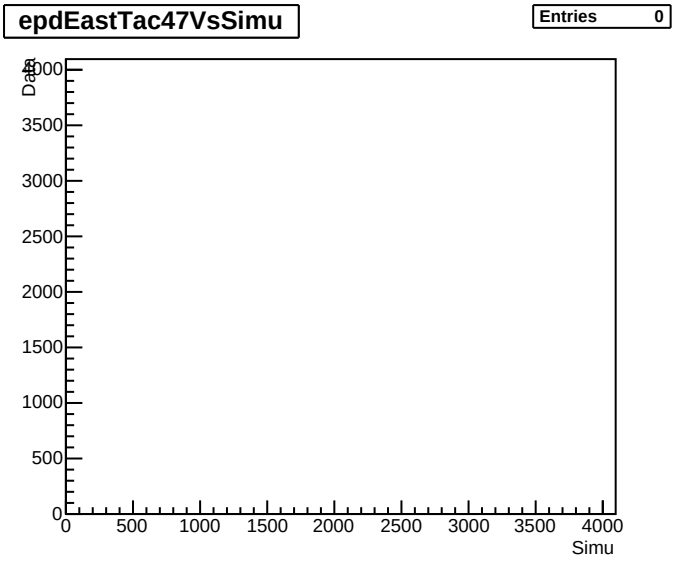

epdWestTHits
Entries 1313744
Truncated NHits
DSMInput Channel

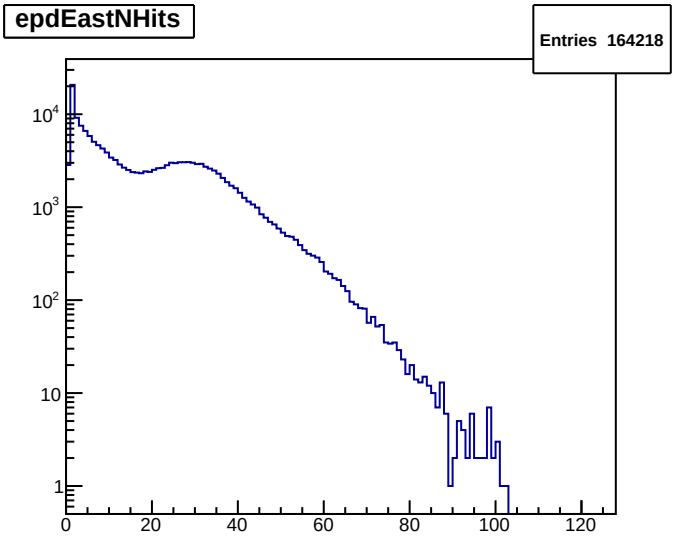

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

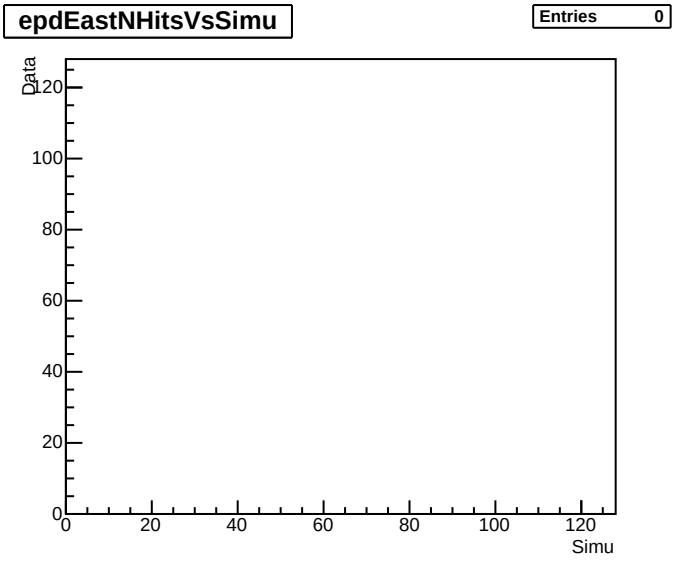

epdEastTac03
Entries 164218


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 164218


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 164218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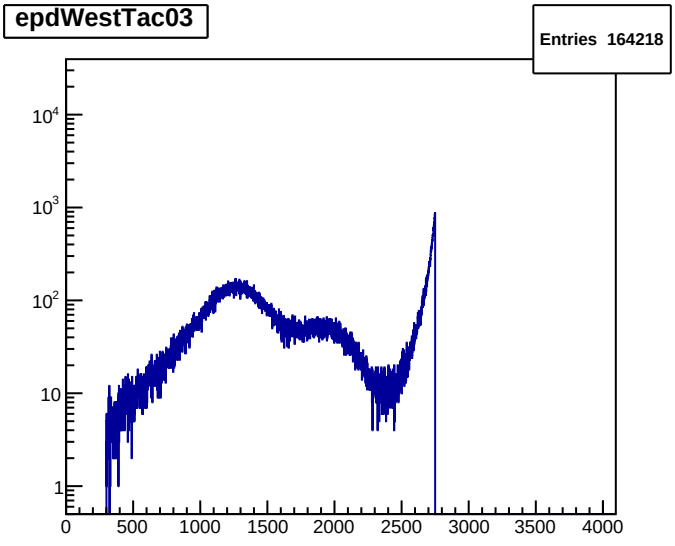
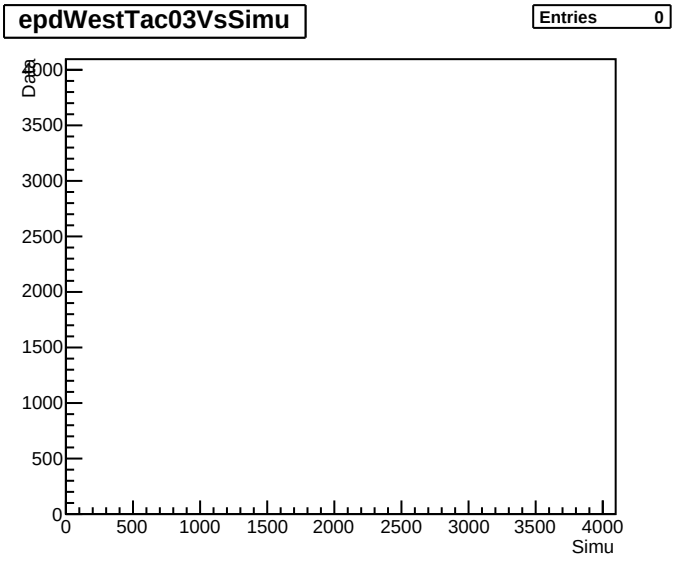
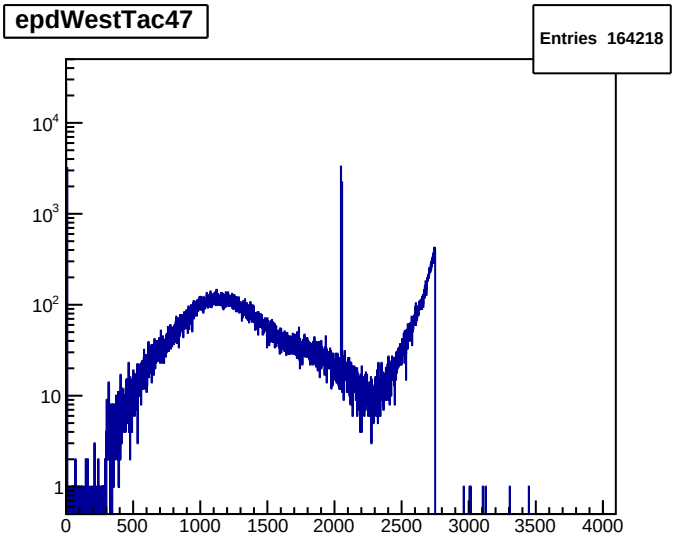
Entries 0
Data
Simu


epdWestTac03
Entries 164218


epdWestTac03VsSimu
Entries 0
Data
Simu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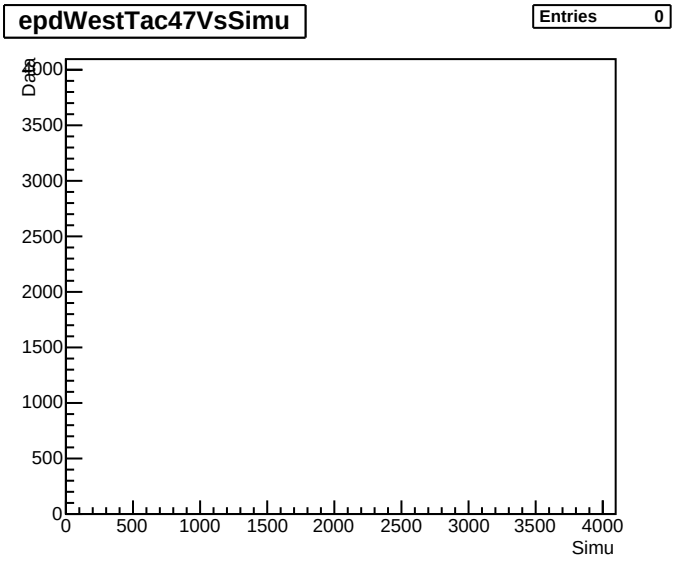
Entries 164218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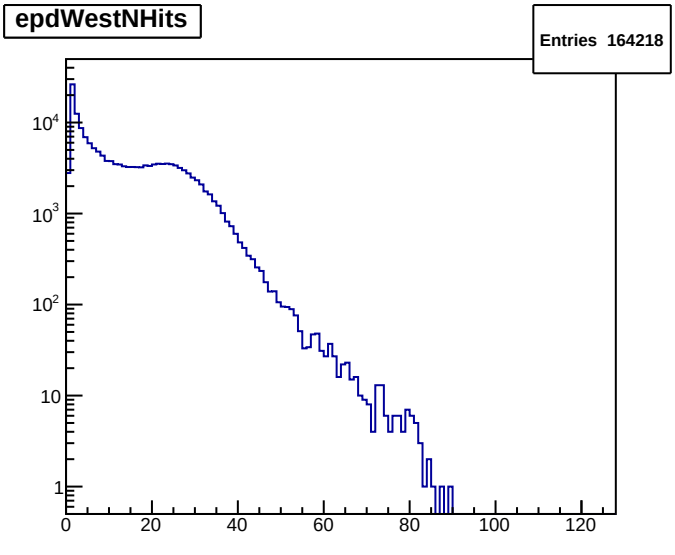
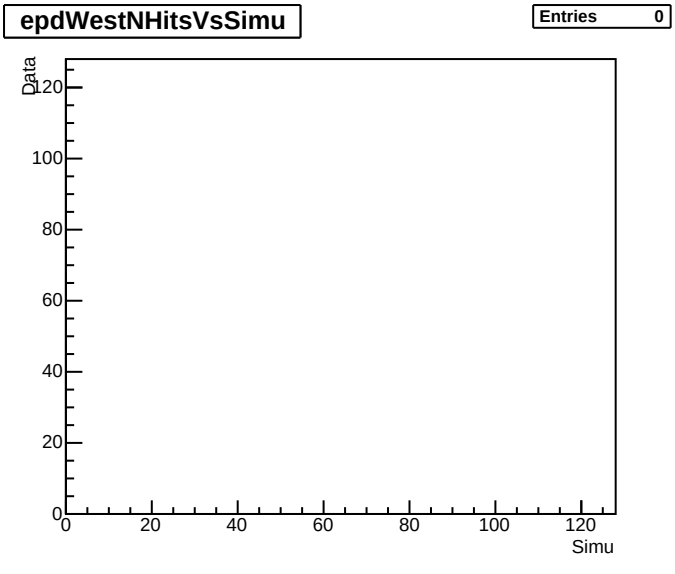
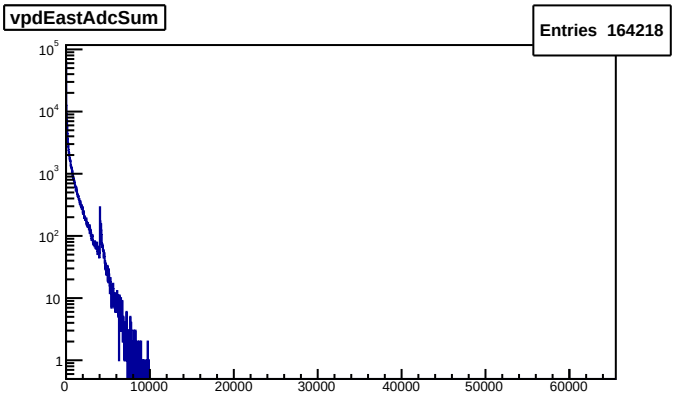
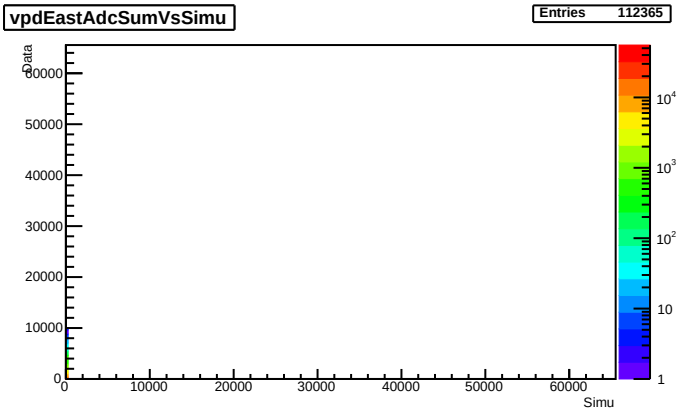
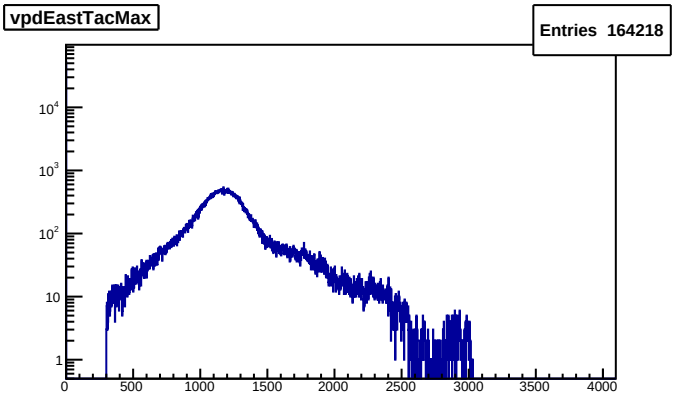
Entries 0
Data
Simu

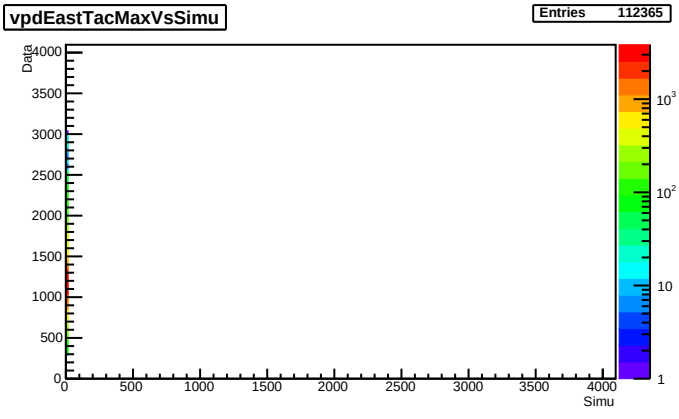

epdWestNHits
Entries 164218

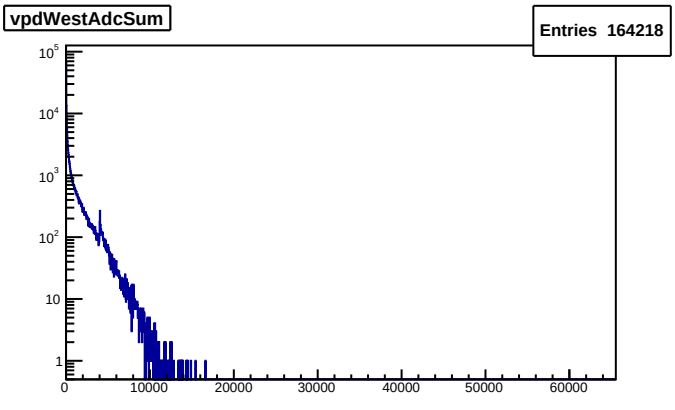

epdWestNHitsVsSimu
Entries 0
Data
Simu

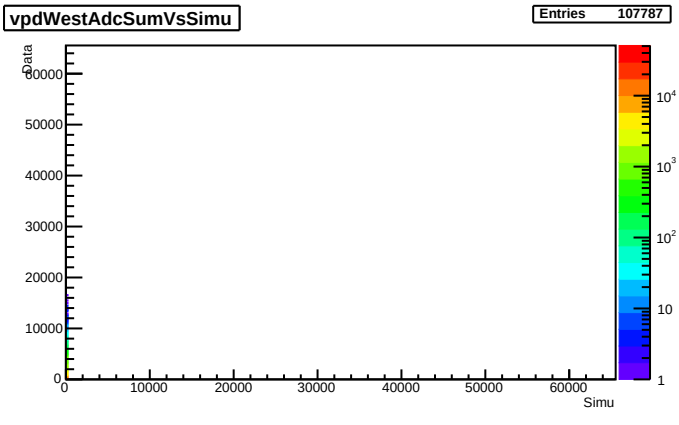

vpdEastAdcSum
Entries 164218

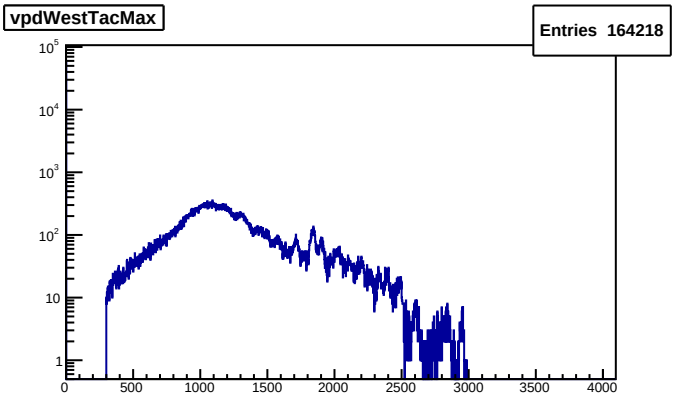

vpdEastAdcSumVsSimu
Entries 112365
Data
Simu

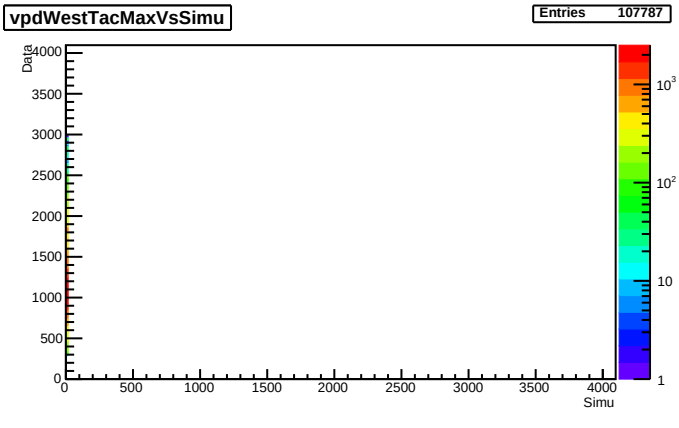

vpdEastTacMax
Entries 164218

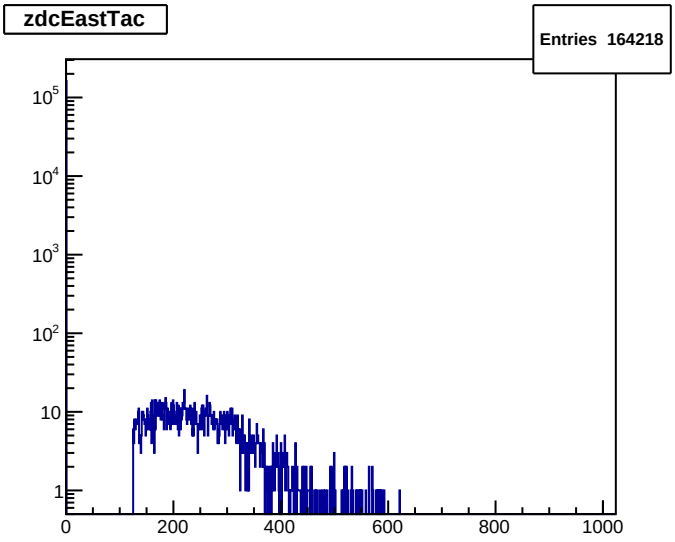

vpdEastTacMaxVsSimu
Entries 112365
Data
Simu

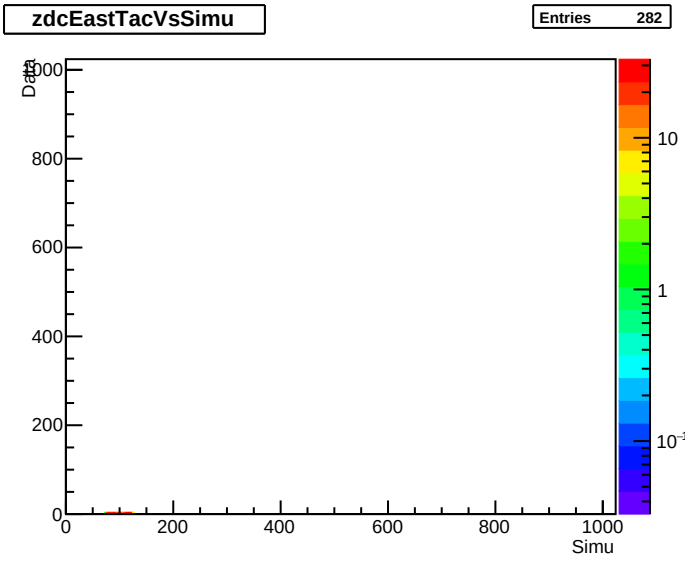

vpdWestAdcSum
Entries 164218

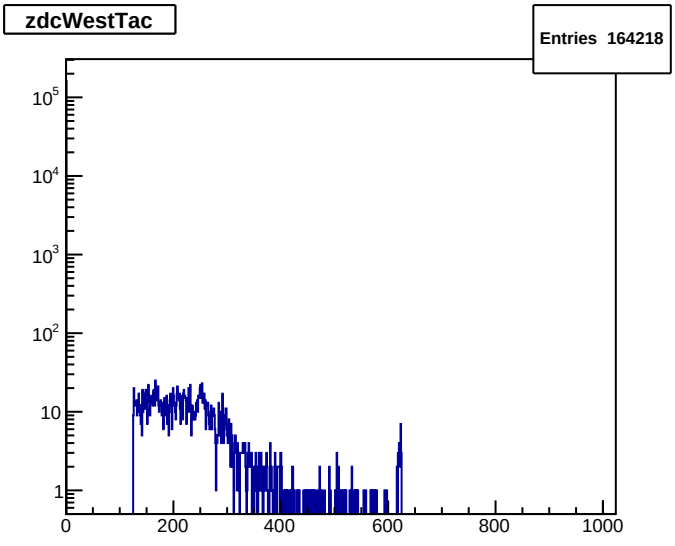

vpdWestAdcSumVsSimu
Entries 107787
Data
Simu

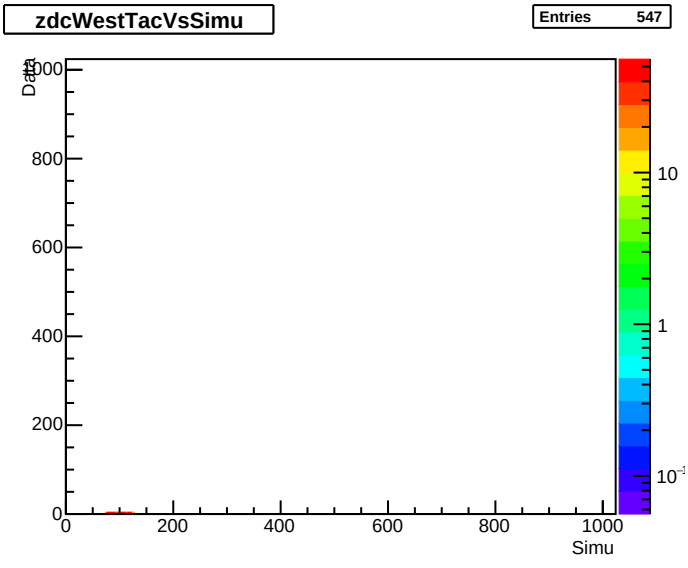

vpdWestTacMax
Entries 164218

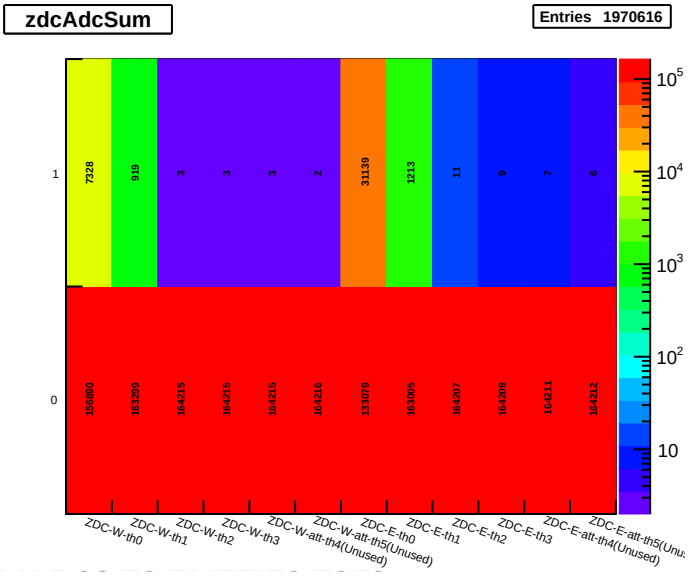

vpdWestTacMaxVsSimu
Entries 107787
Data
Simu

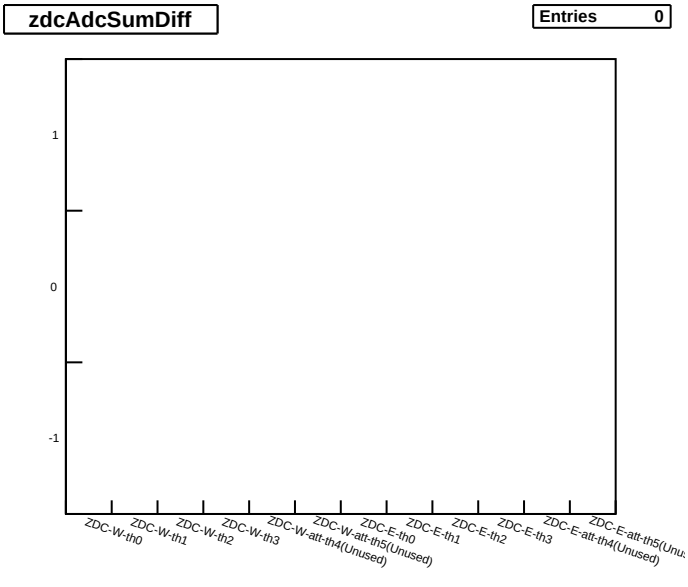

zdcEastTac
Entries 164218

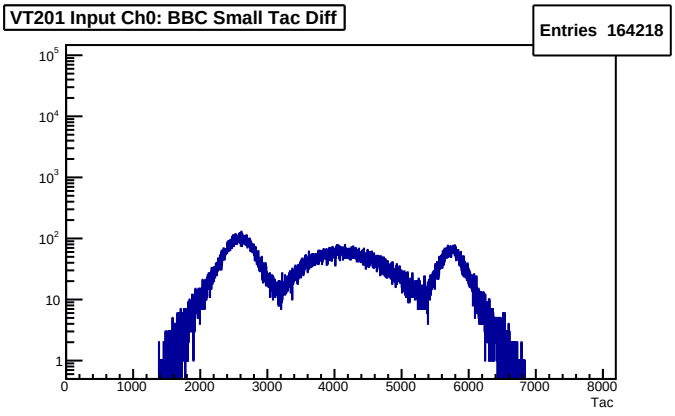

zdcEastTacVsSimu
Entries 282
Data
Simu

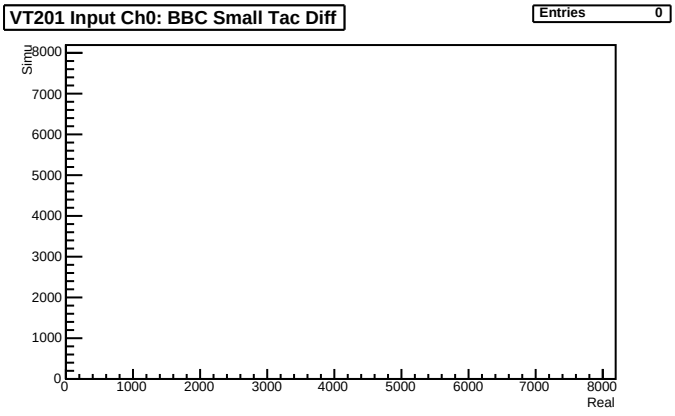

zdcWestTac
Entries 164218

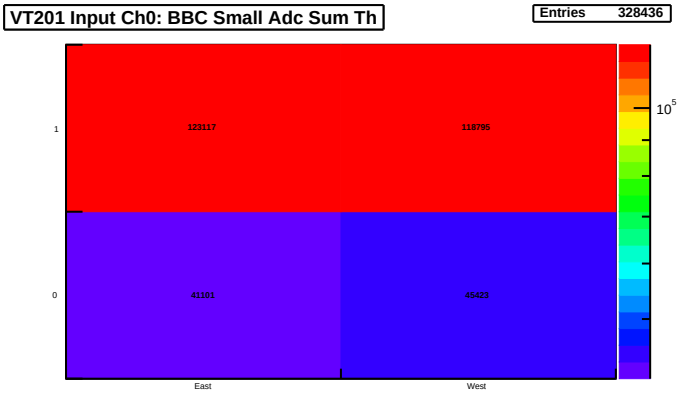

zdcWestTacVsSimu
Entries 547
Data
Simu

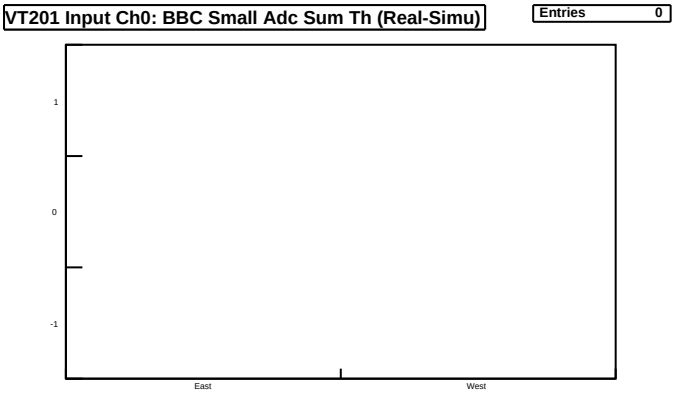

zdcAdcSum
Entries 1970616
7328
919
3
3
3
2
31139
1213
11
9
7
6
156880
163299
164215
164215
164215
164216
133079
163005
164207
164209
164211
164212
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

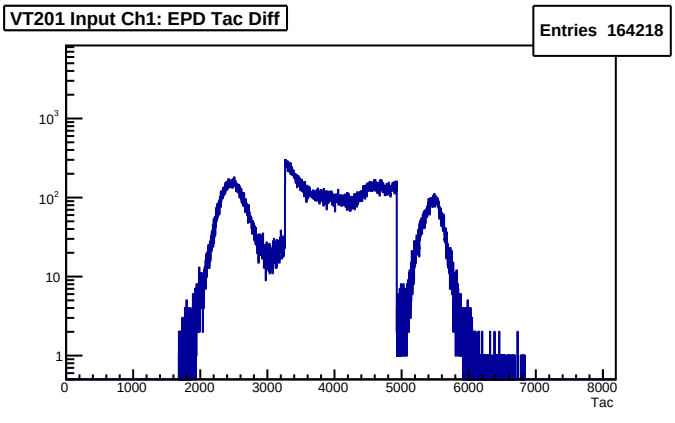

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

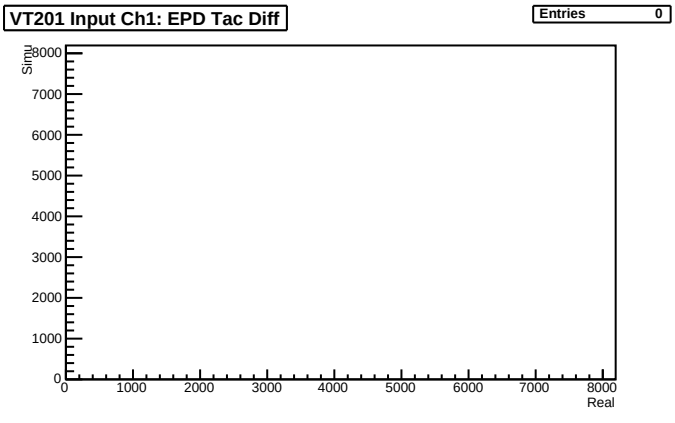

VT201 Input Ch0: BBC Small Tac Diff
Entries 164218
Tac

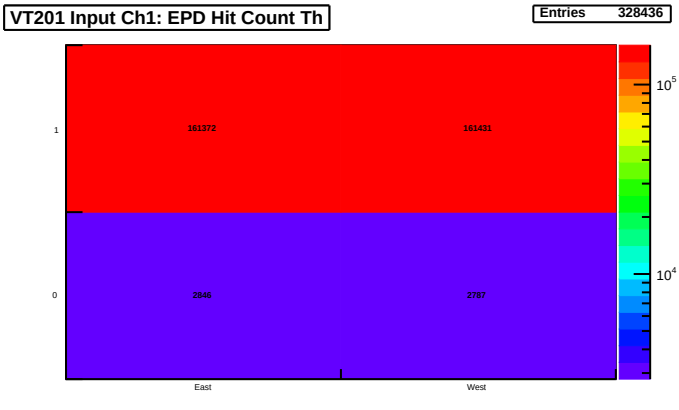

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

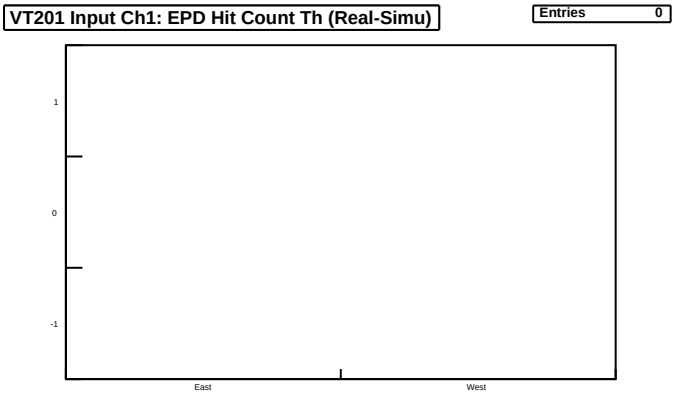

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 328436
123117
118795
41101
45423
East
West

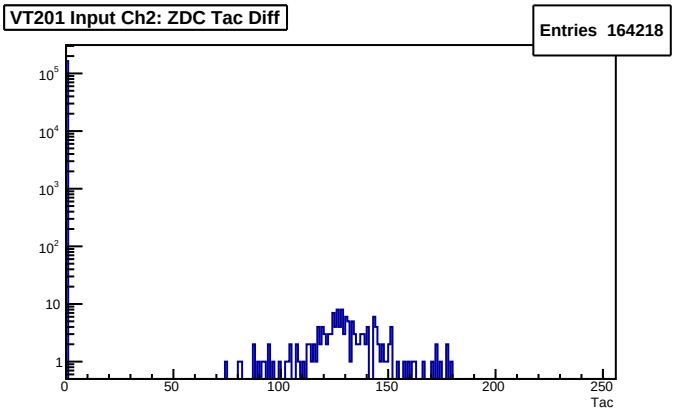

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

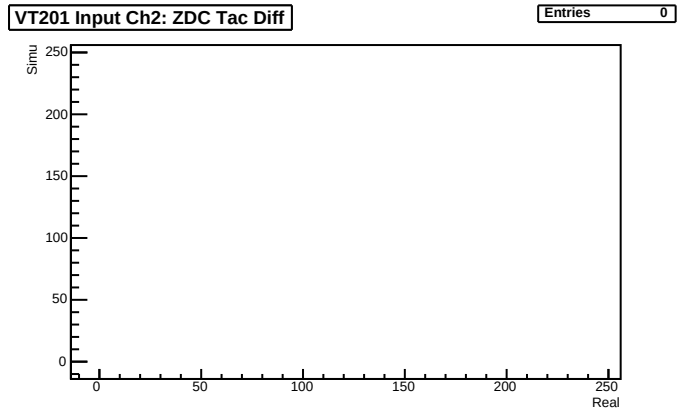

VT201 Input Ch1: EPD Tac Diff
Entries 164218
Tac

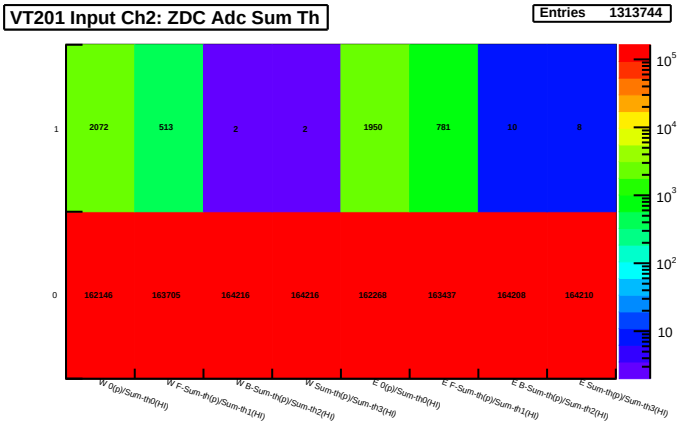

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

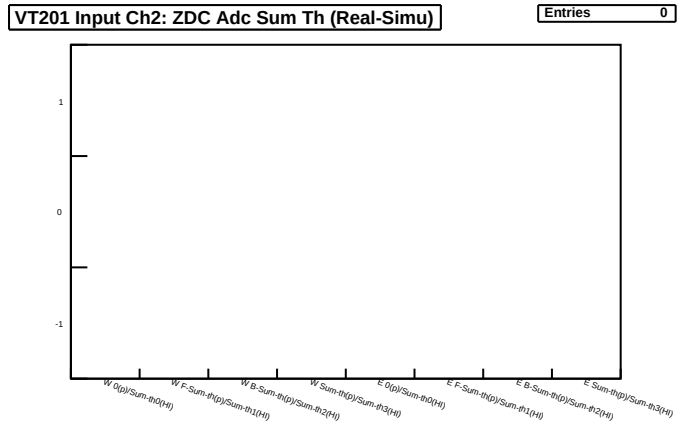

VT201 Input Ch1: EPD Hit Count Th
Entries 328436
161372
161431
2846
2787
East
West

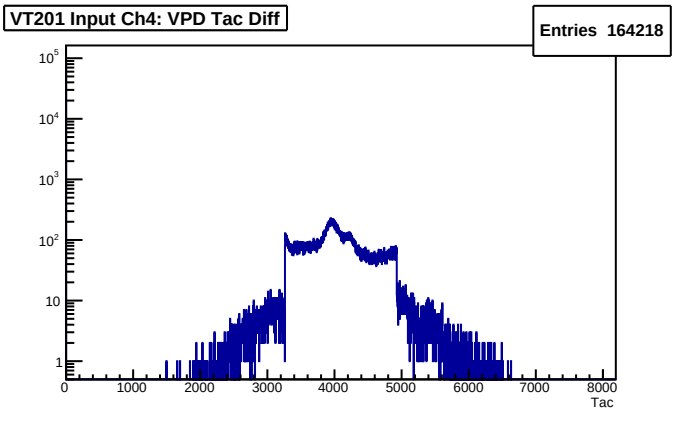

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

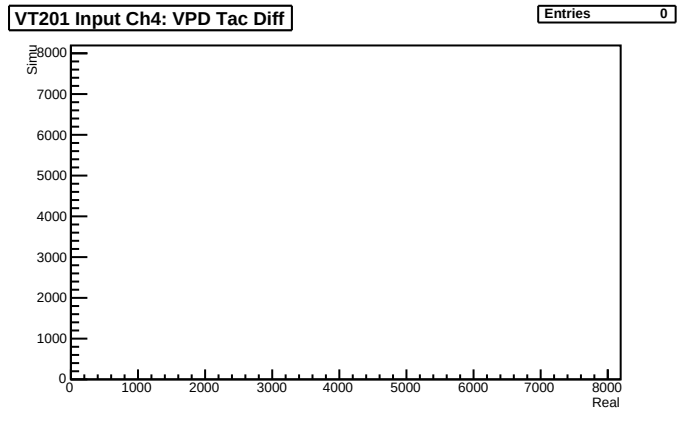

VT201 Input Ch2: ZDC Tac Diff
Entries 164218
Tac

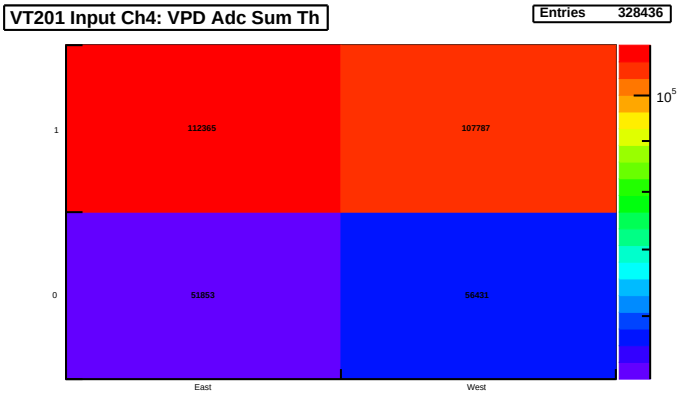

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

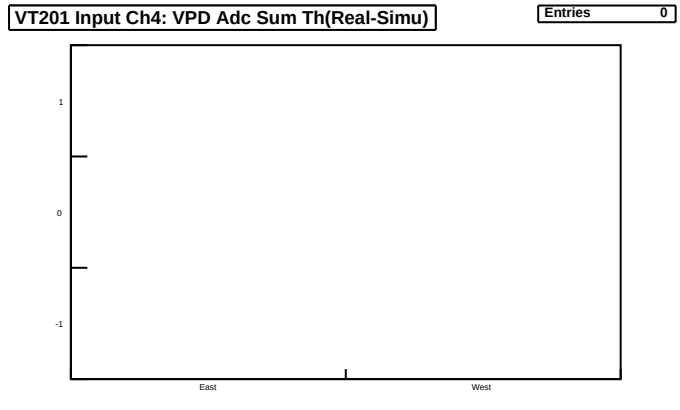

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1313744
2072
513
2
2
1950
781
10
8
162146
163705
164216
164216
162268
163437
164208
164210
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

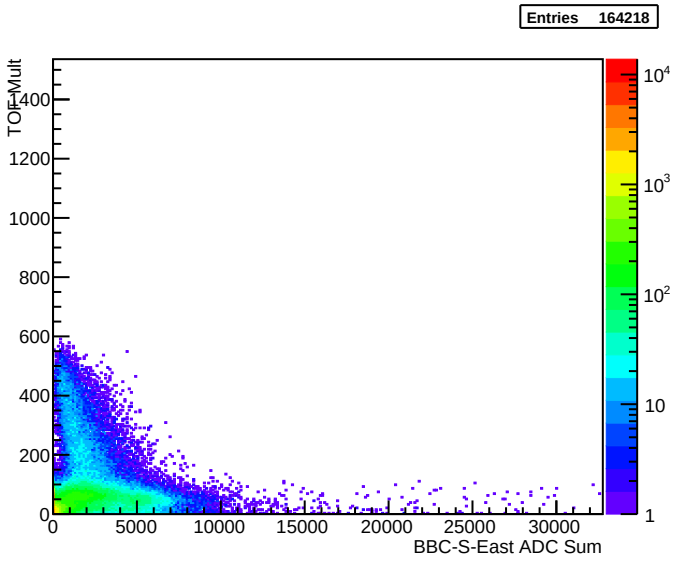

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

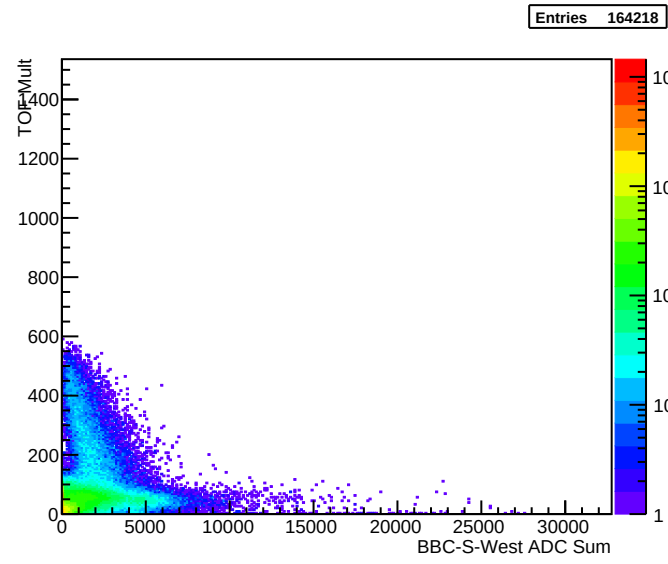

VT201 Input Ch4: VPD Tac Diff
Entries 164218
Tac

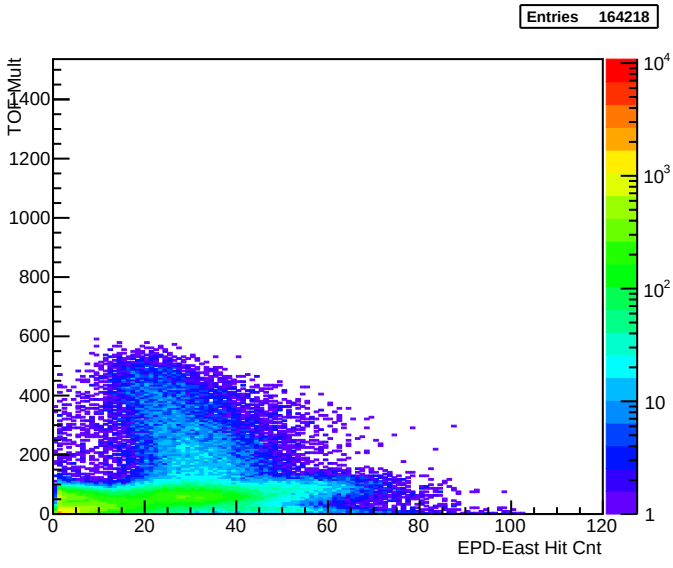

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

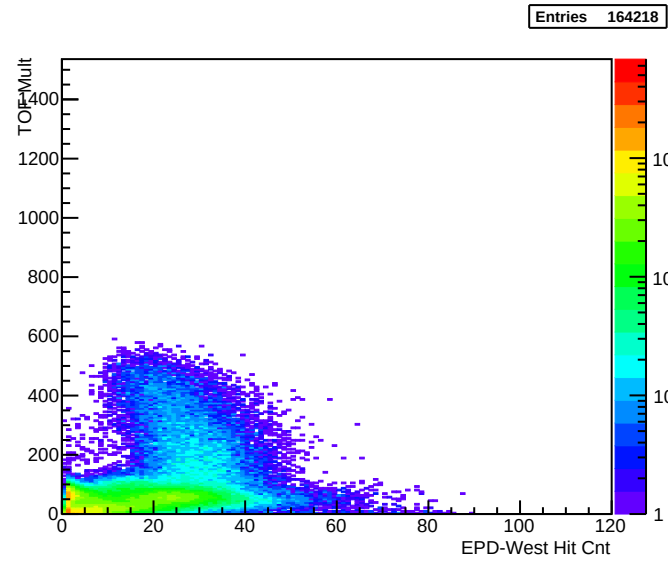

VT201 Input Ch4: VPD Adc Sum Th
Entries 328436
112365
107787
51853
56431
East
West

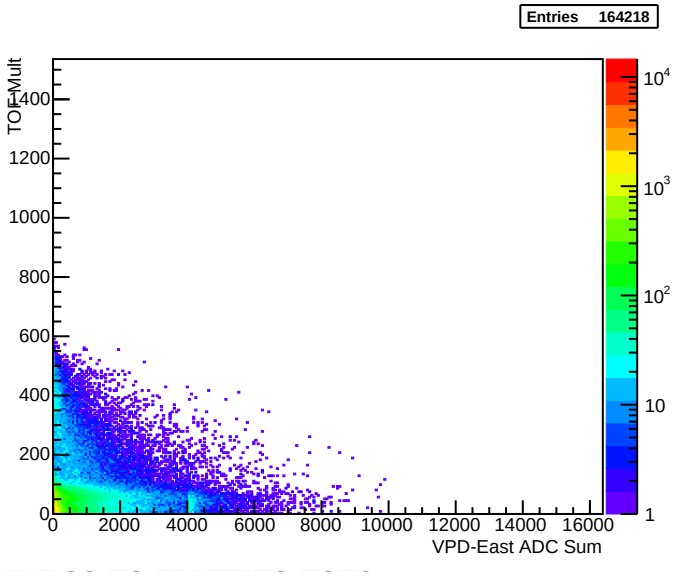

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

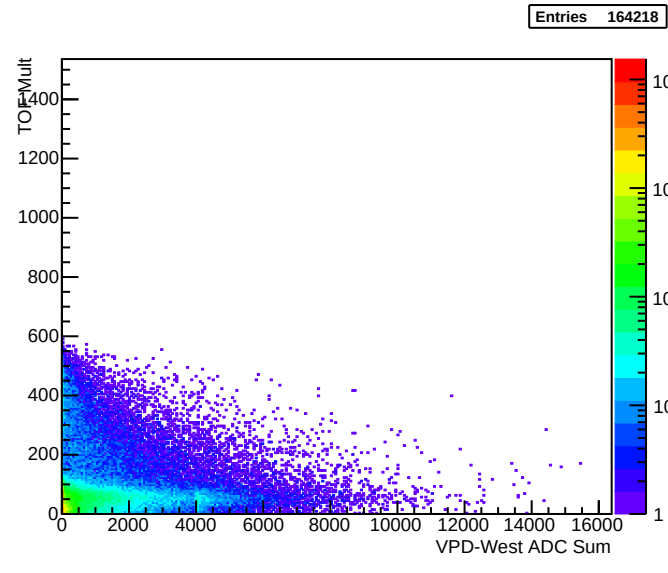

Entries 164218
TOF-Mult
BBC-S-East ADC Sum

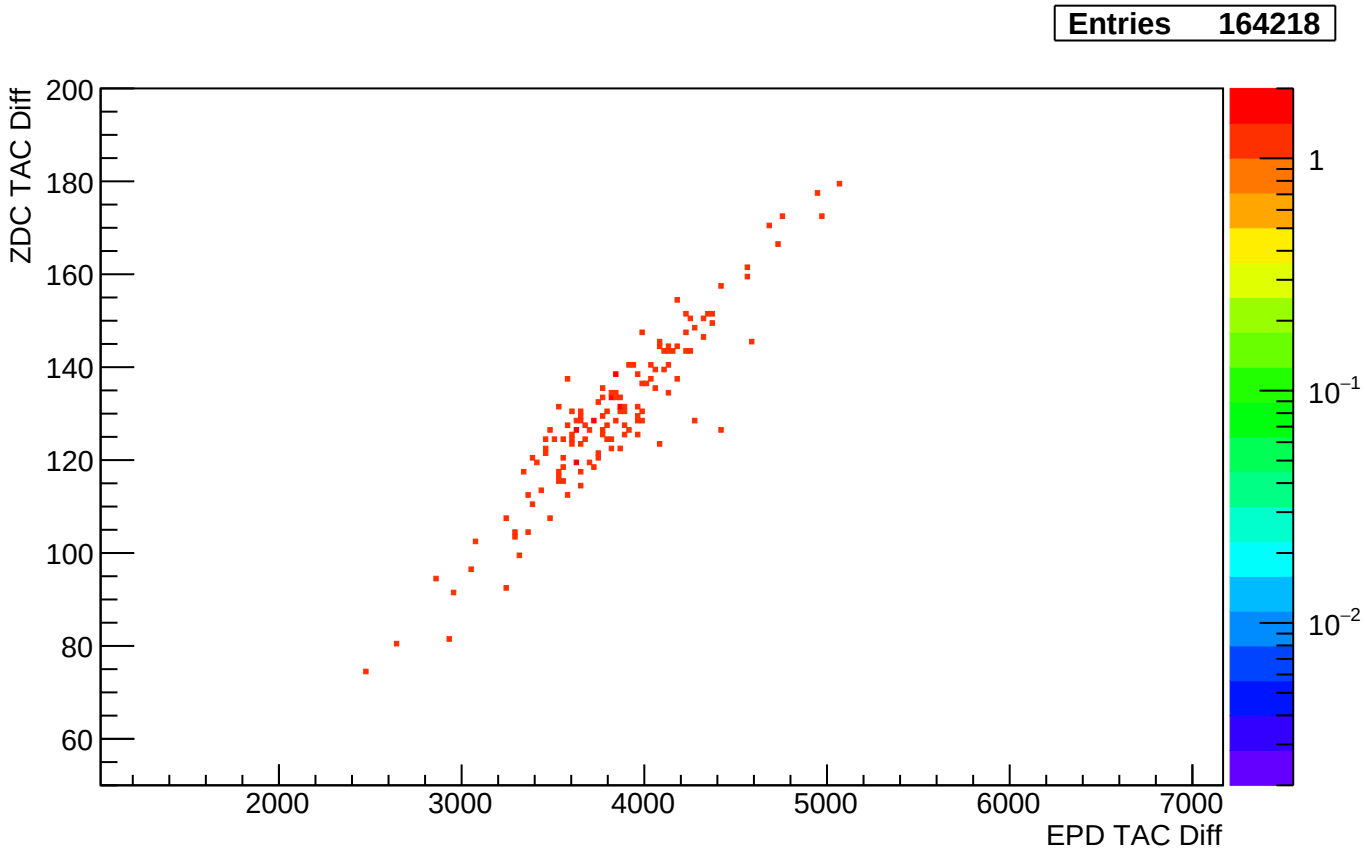

Entries 164218
TOF-Mult
BBC-S-West ADC Sum

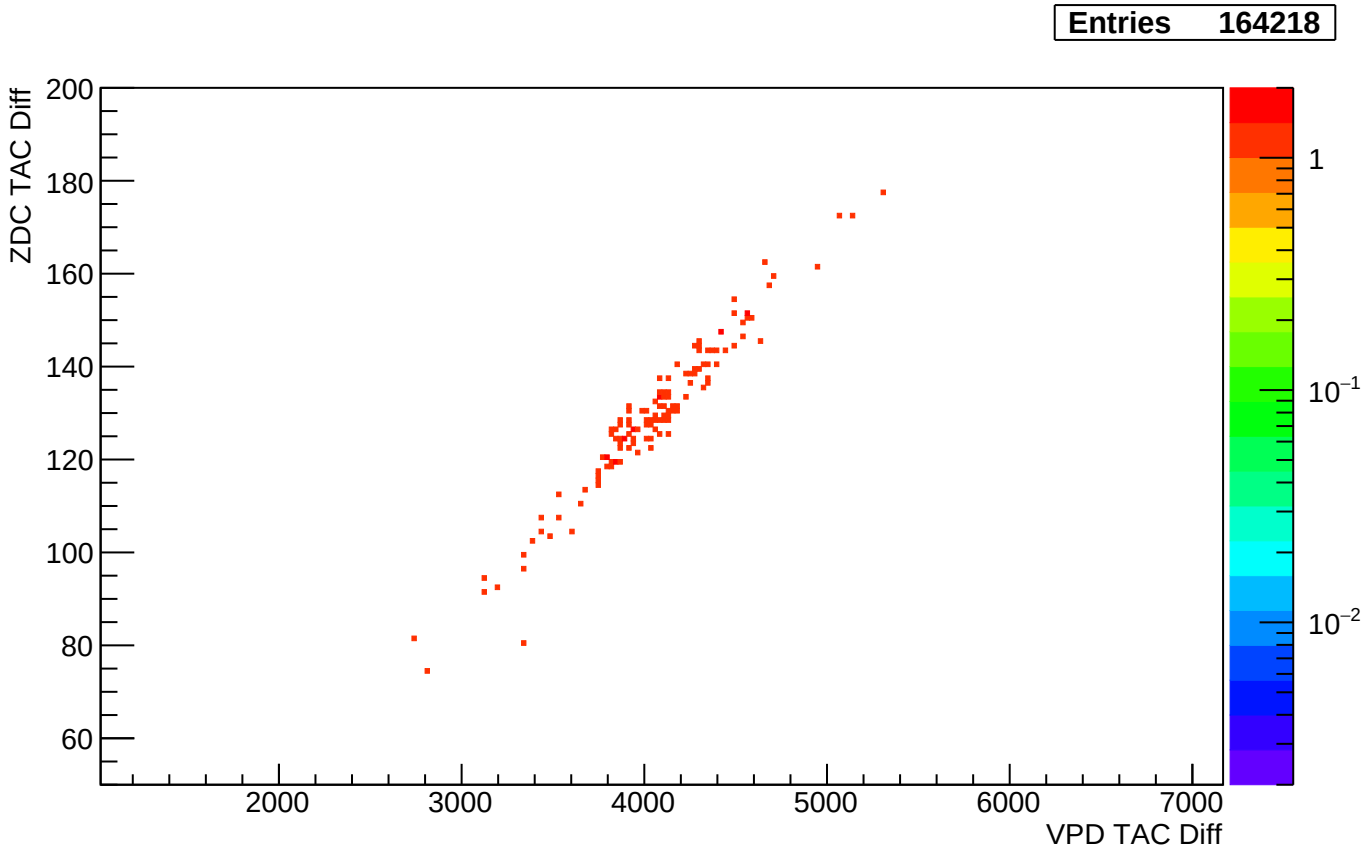

Entries 164218
TOF-Mult
EPD-East Hit Cnt

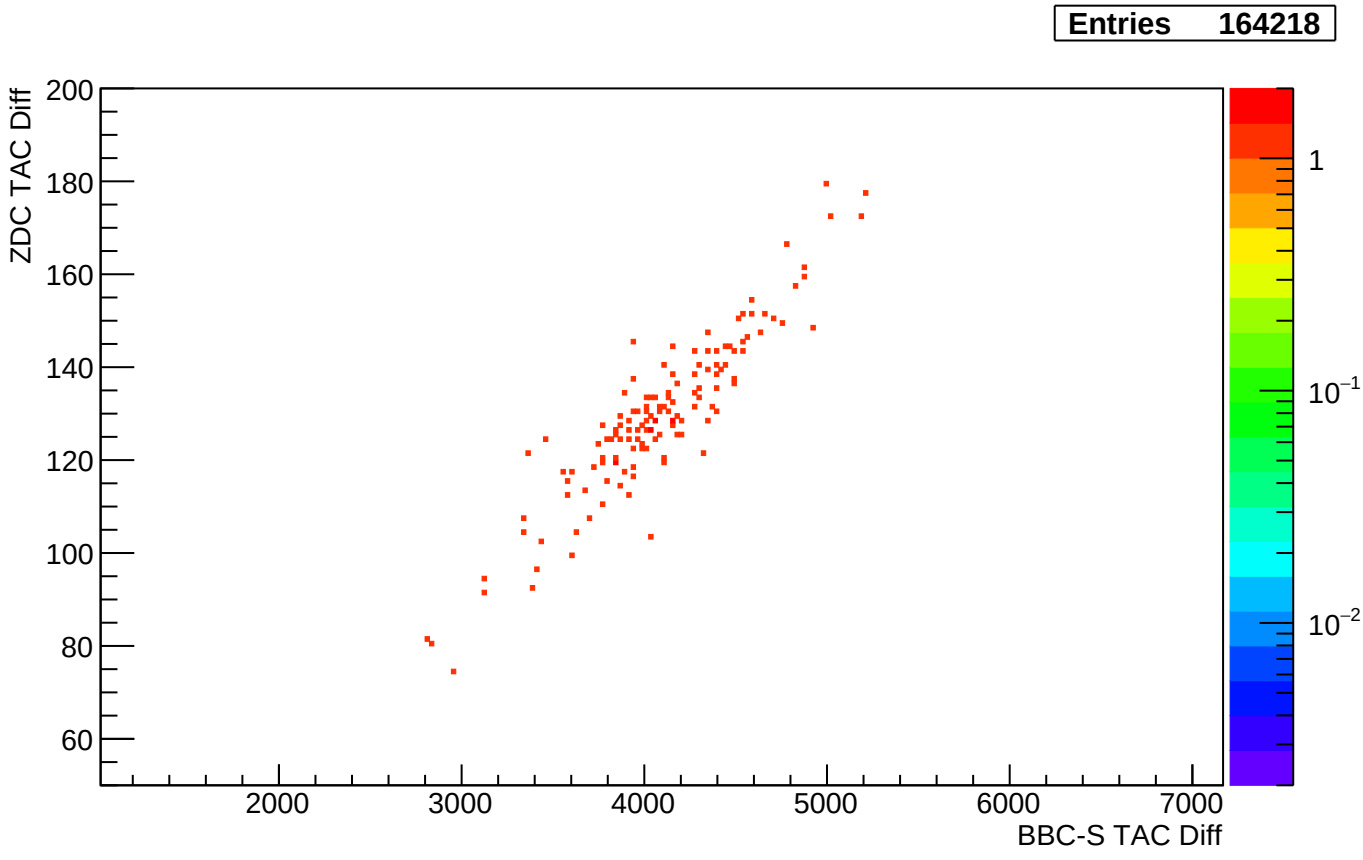

Entries 164218
TOF-Mult
EPD-West Hit Cnt

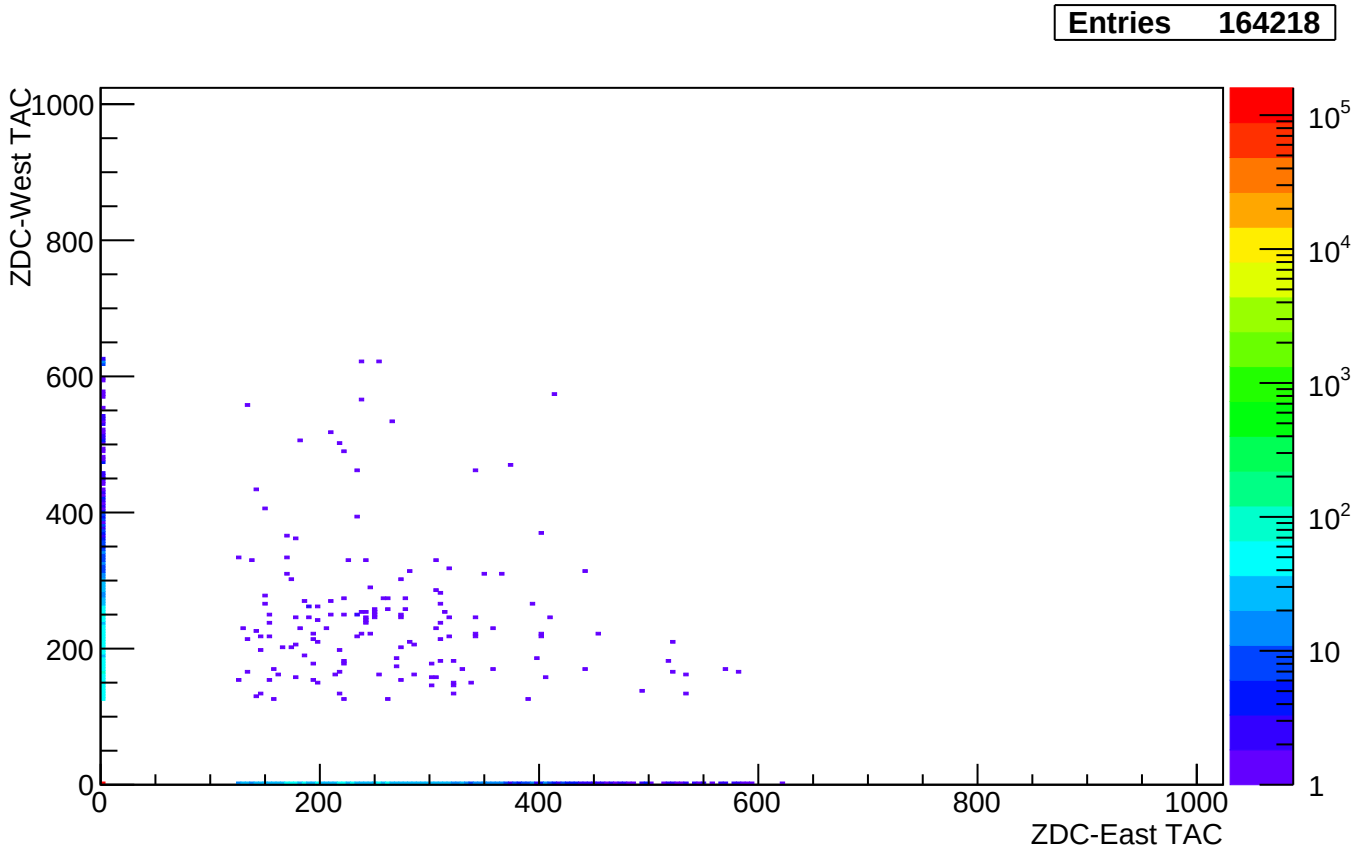

Entries 164218
TOF-Mult
VPD-East ADC Sum

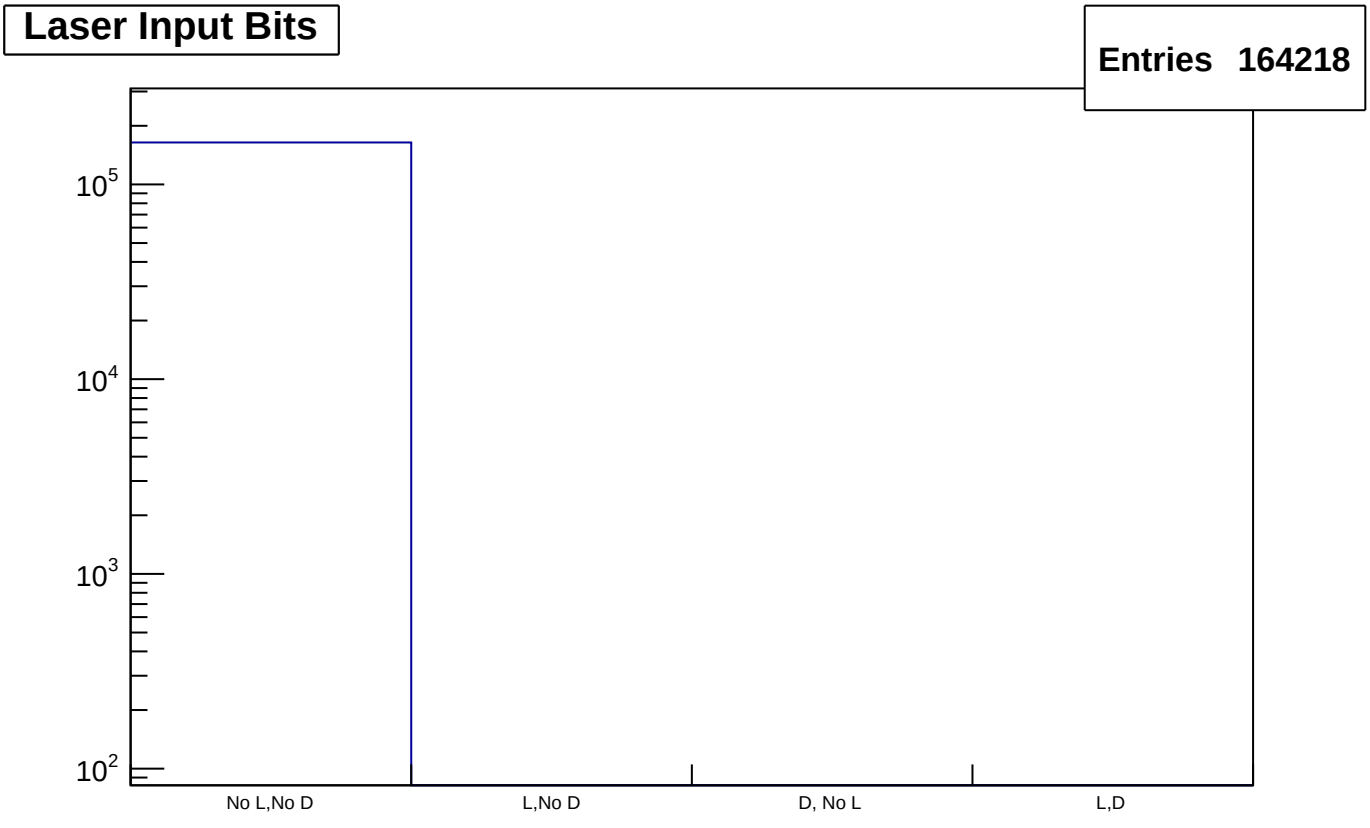

Entries 164218
TOF-Mult
VPD-West ADC Sum

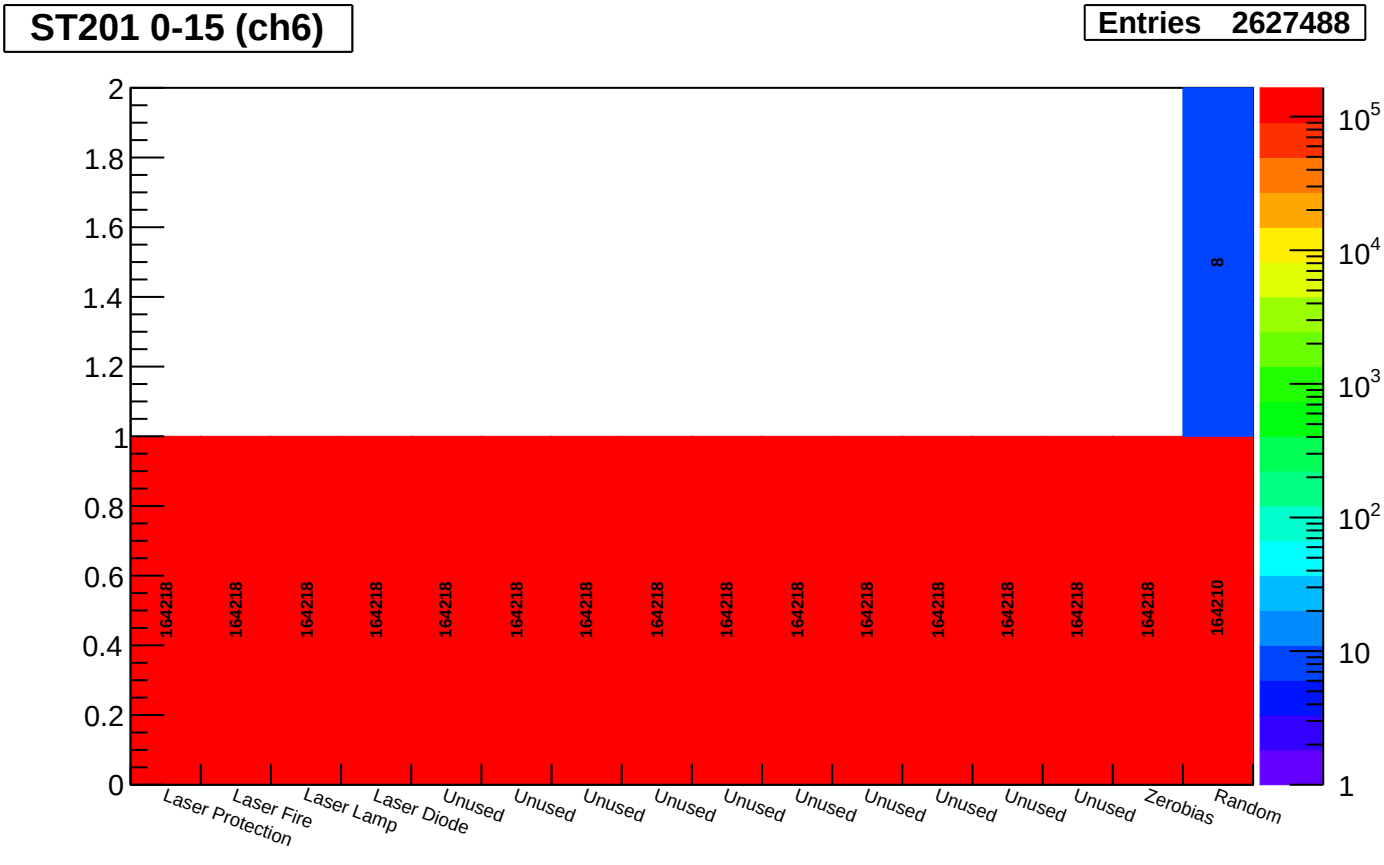

Entries 164218
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

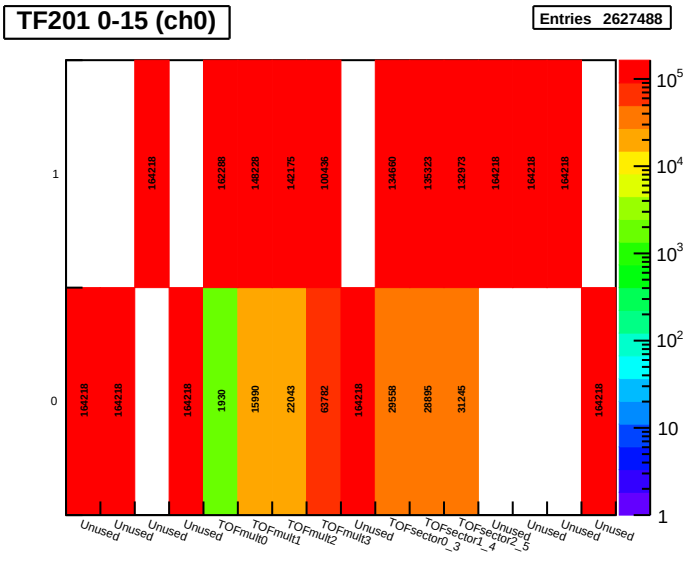

Entries 164218
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

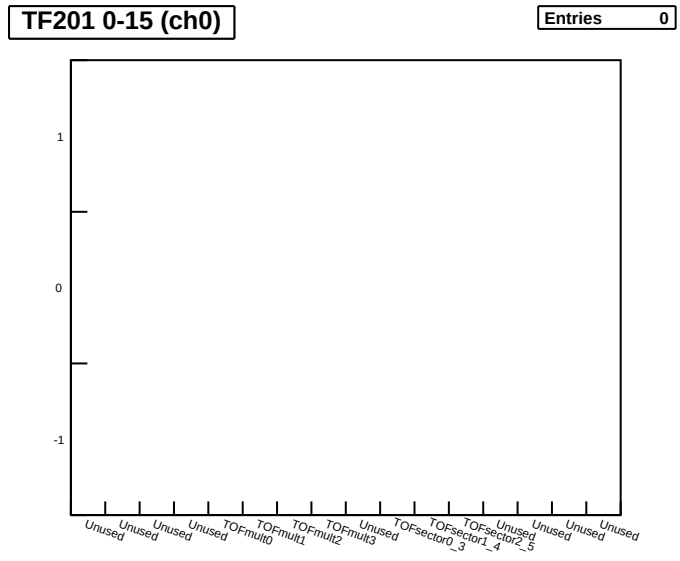

Entries 164218
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

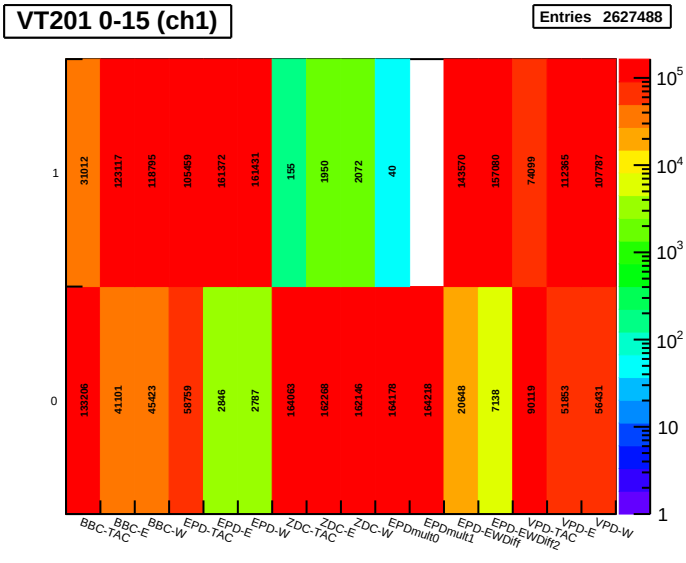

Entries 164218
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

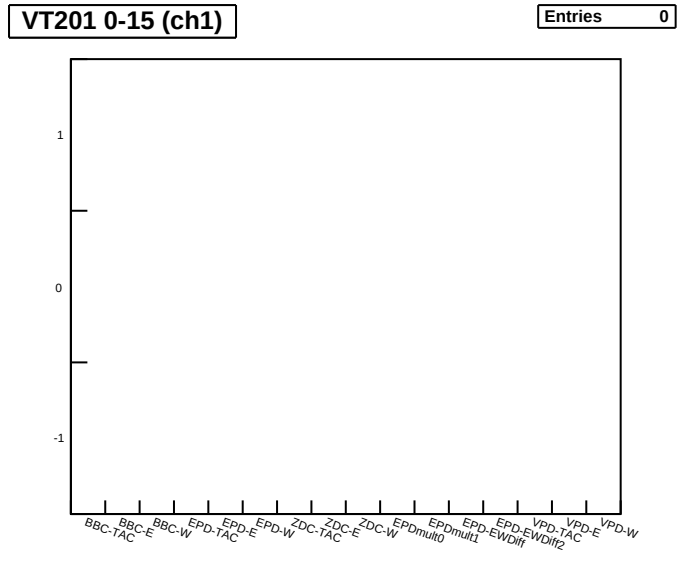

Laser Input Bits
Entries 164218
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

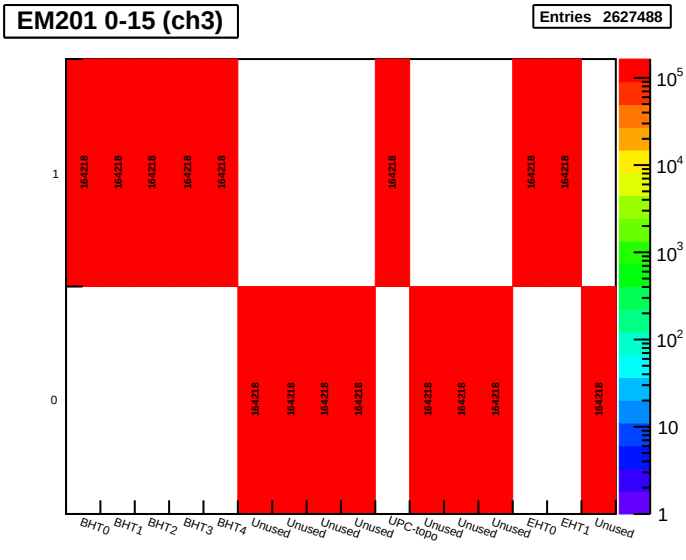

ST201 0-15 (ch6)
Entries 2627488
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
164218
164218
164218
164218
164218
164218
164218
164218
164218
164218
164218
164218
164218
164218
164218
164210
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

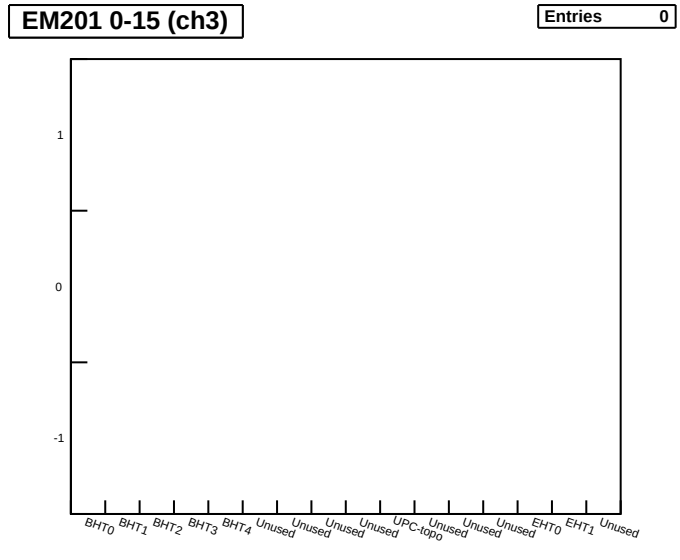

TF201 0-15 (ch0)
Entries 2627488
1
0
164218 162288 148228 142175 100436 134660 135323 132973 164218 164218 164218
164218 164218 164218 1930 15990 22043 63782 164218 29558 28895 31245 164218
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 2627488
1
0
31012 123117 118795 105459 161372 161431 155 1950 2072 40 143570 157080 74099 112355 107787
133206 41101 45423 58759 2846 2787 164063 162268 162146 164178 164218 20648 7138 90119 51853 56431
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 2627488
1
0
164218 164218 164218 164218 164218 164218 164218 164218
164218 164218 164218 164218 164218 164218 164218 164218
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