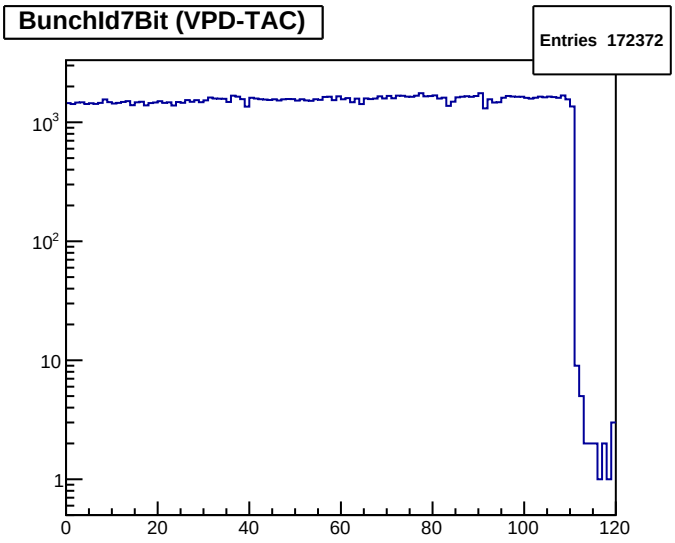
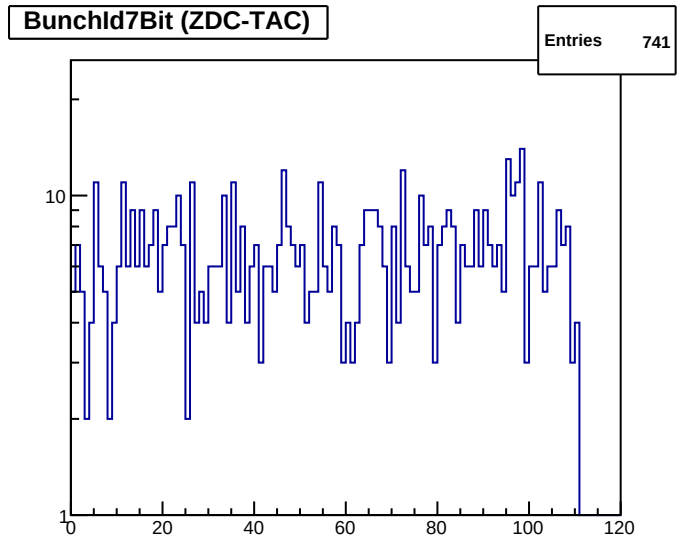
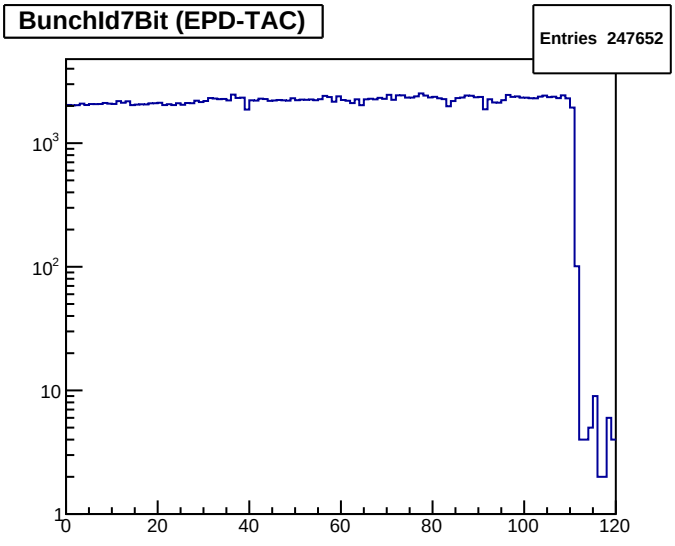
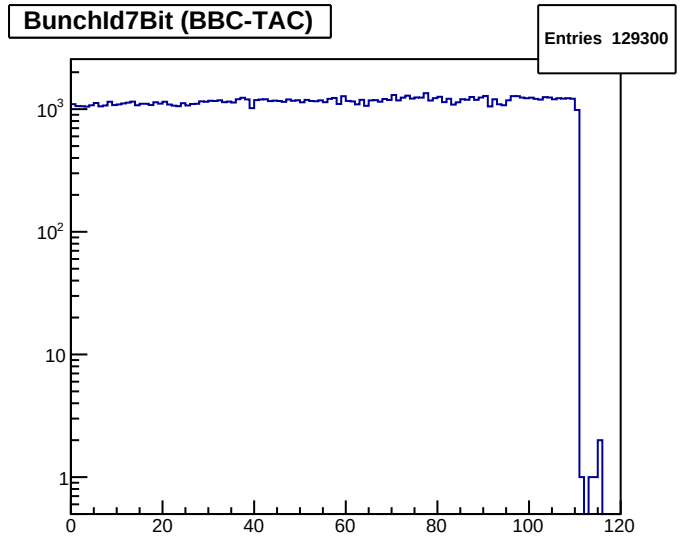
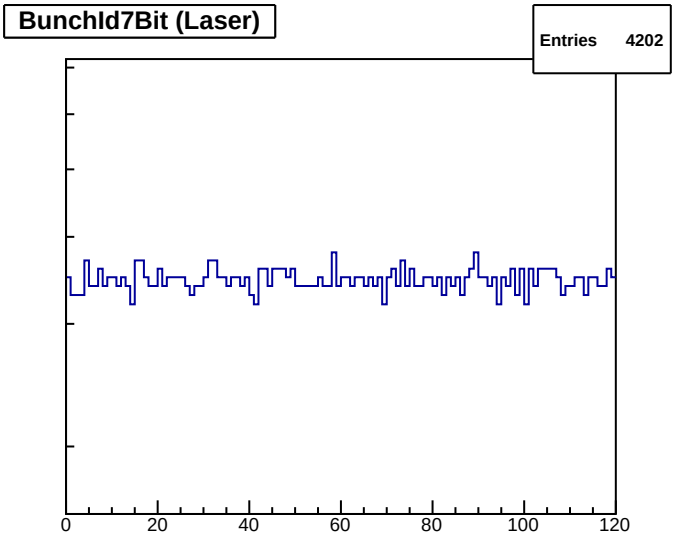
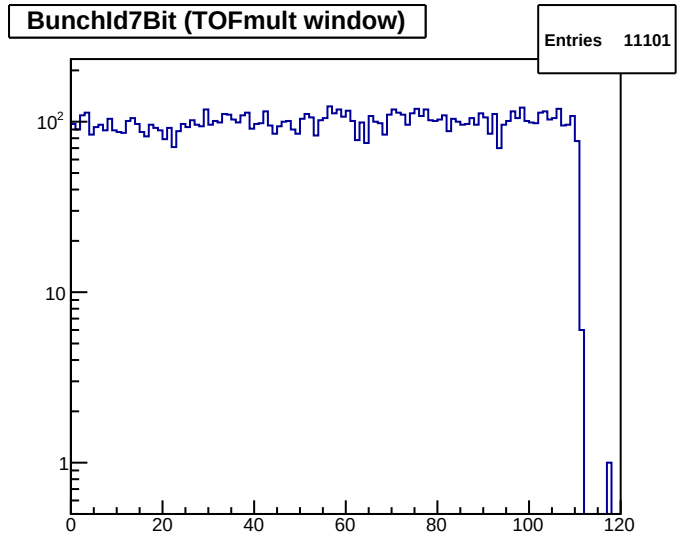

BunchId7Bit (VPD-TAC)
Entries 172372

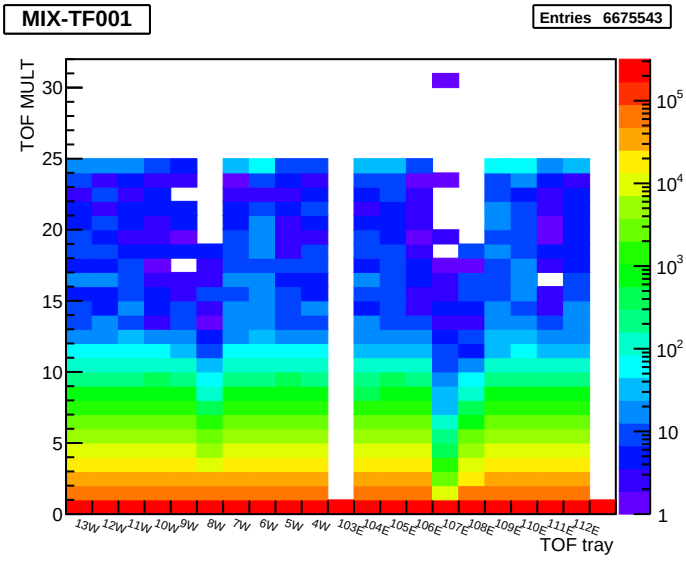

BunchId7Bit (ZDC-TAC)
Entries 741

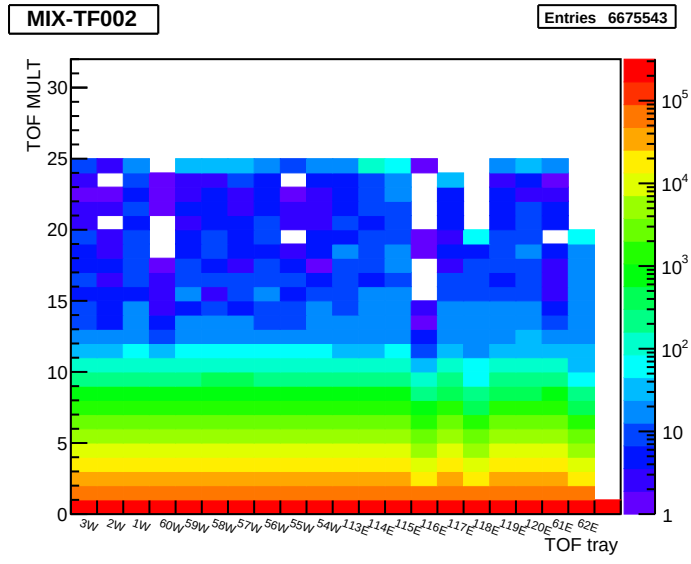

BunchId7Bit (EPD-TAC)
Entries 247652

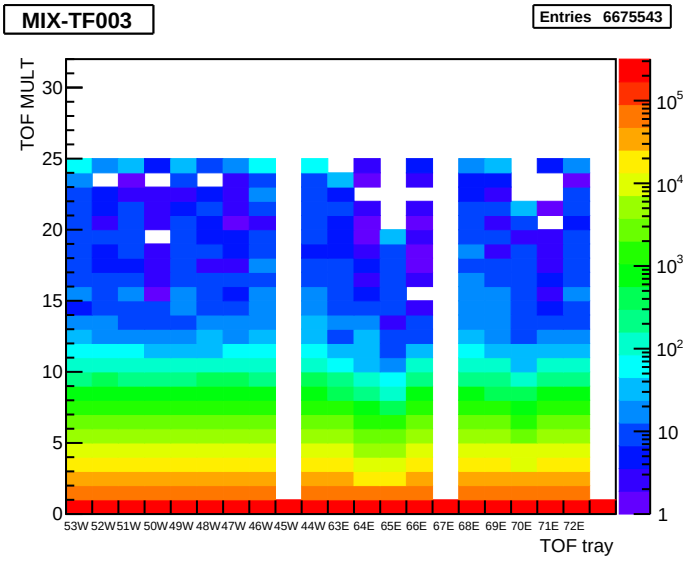

BunchId7Bit (BBC-TAC)
Entries 129300

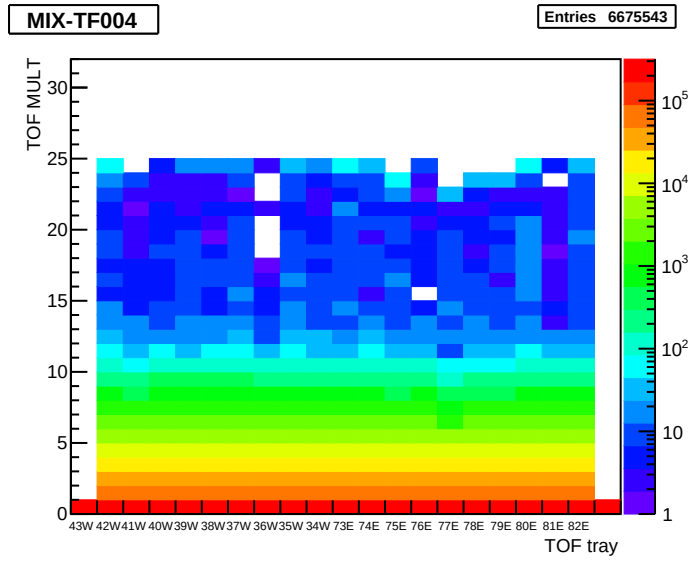

BunchId7Bit (Laser)
Entries 4202

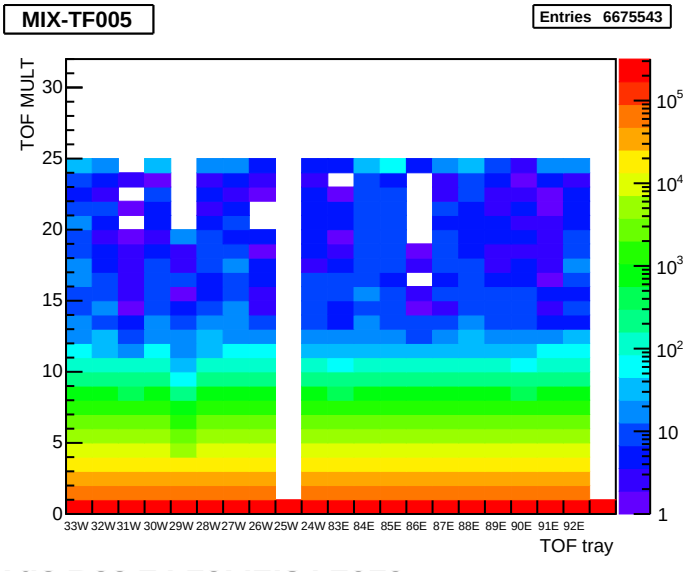

BunchId7Bit (TOFmult window)
Entries 11101

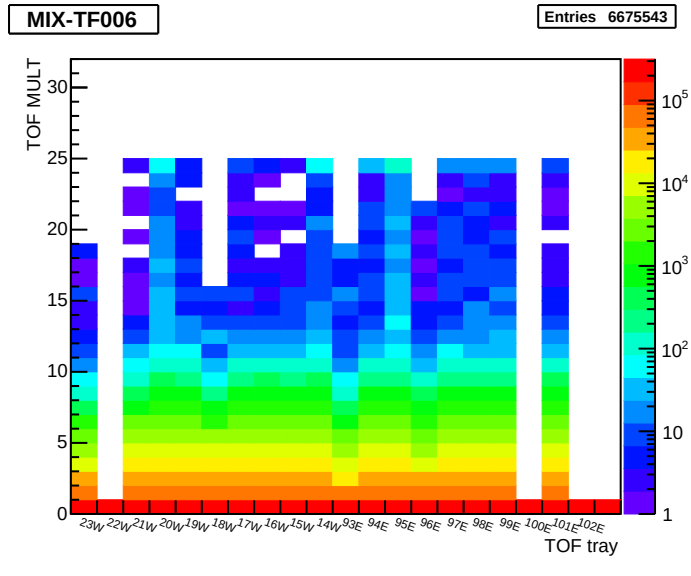

MIX-TF001
Entries 6675543
TOF MULT
TOF tray

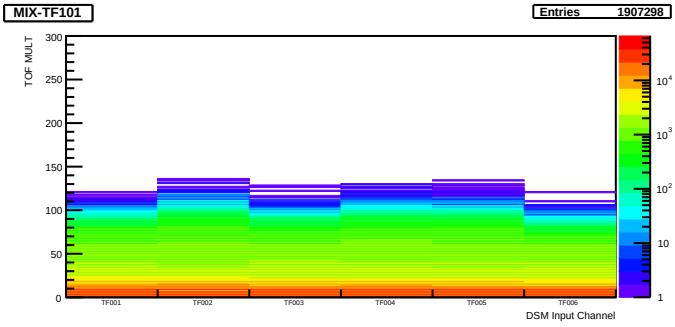

MIX-TF002
Entries 6675543
TOF MULT
TOF tray

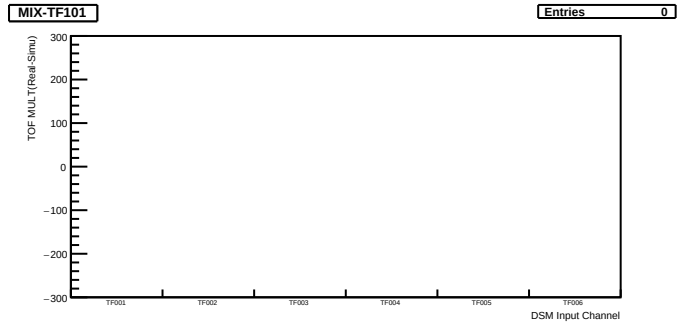

MIX-TF003
Entries 6675543
TOF MULT
TOF tray

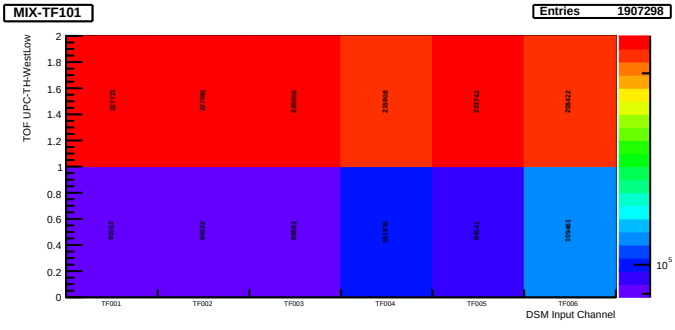

MIX-TF004
Entries 6675543
TOF MULT
TOF tray

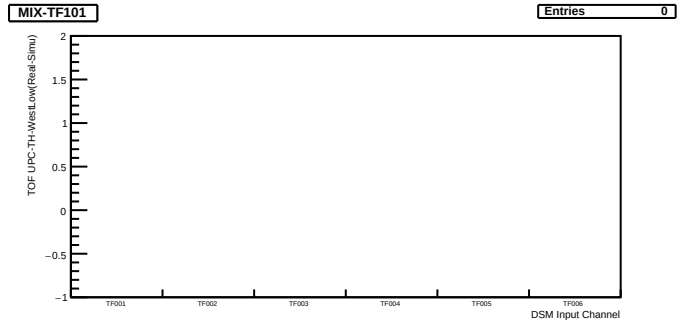

MIX-TF005
Entries 6675543
TOF MULT
TOF tray

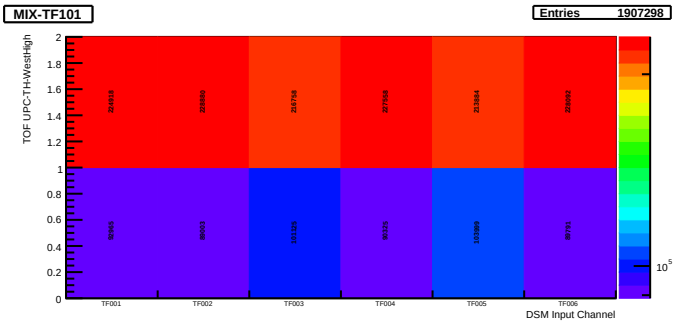

MIX-TF006
Entries 6675543
TOF MULT
TOF tray

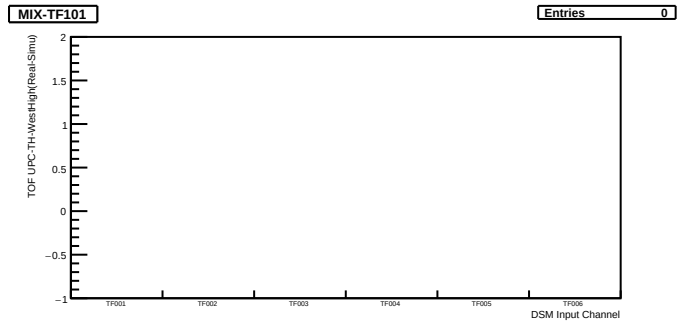

MIX-TF101
Entries 1907298
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

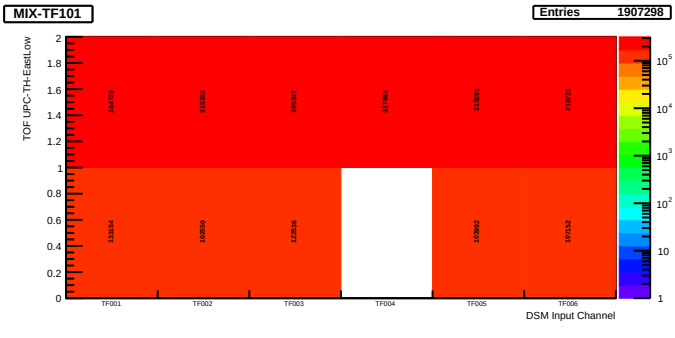

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

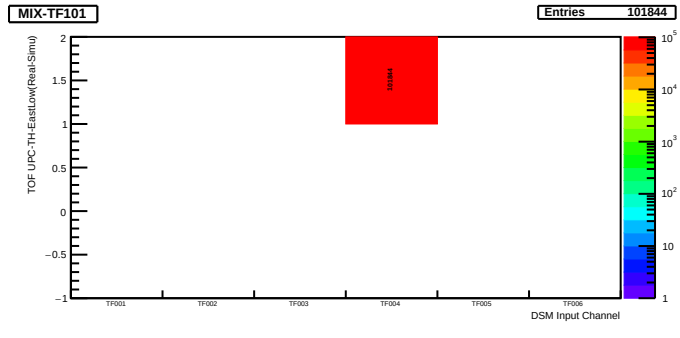

MIX-TF101
Entries 1907298
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

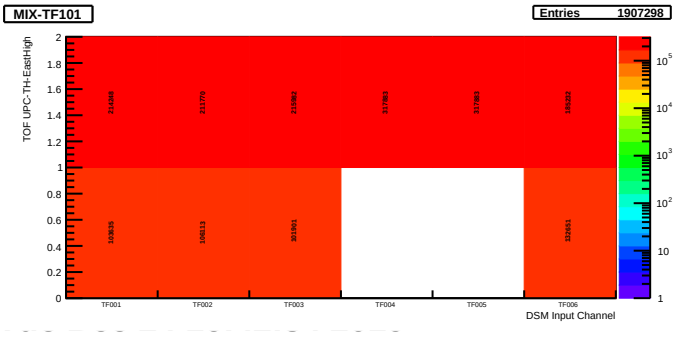

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

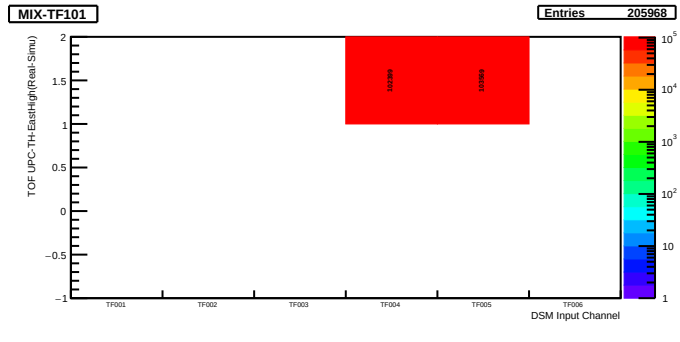

MIX-TF101
Entries 1907298
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

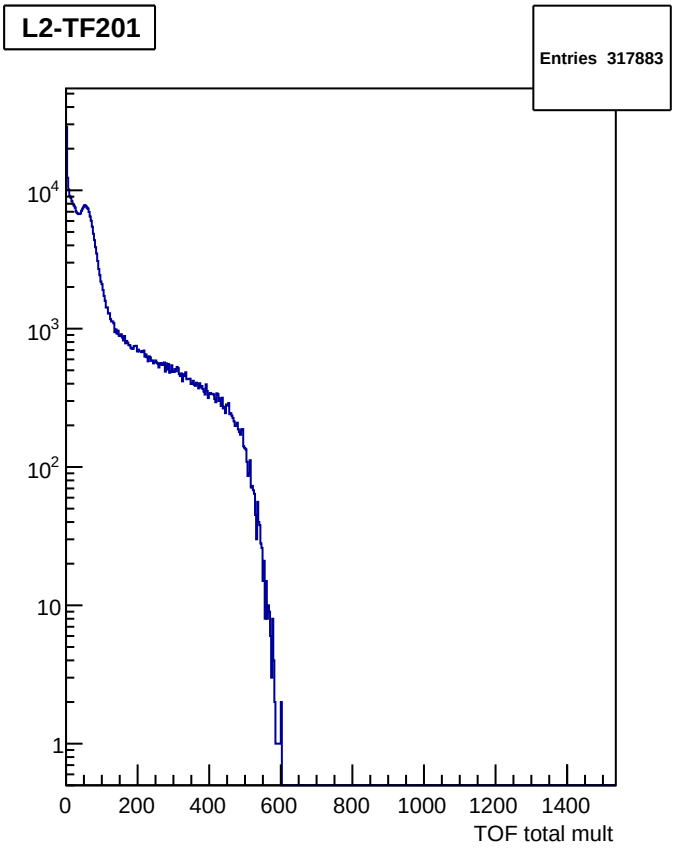

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

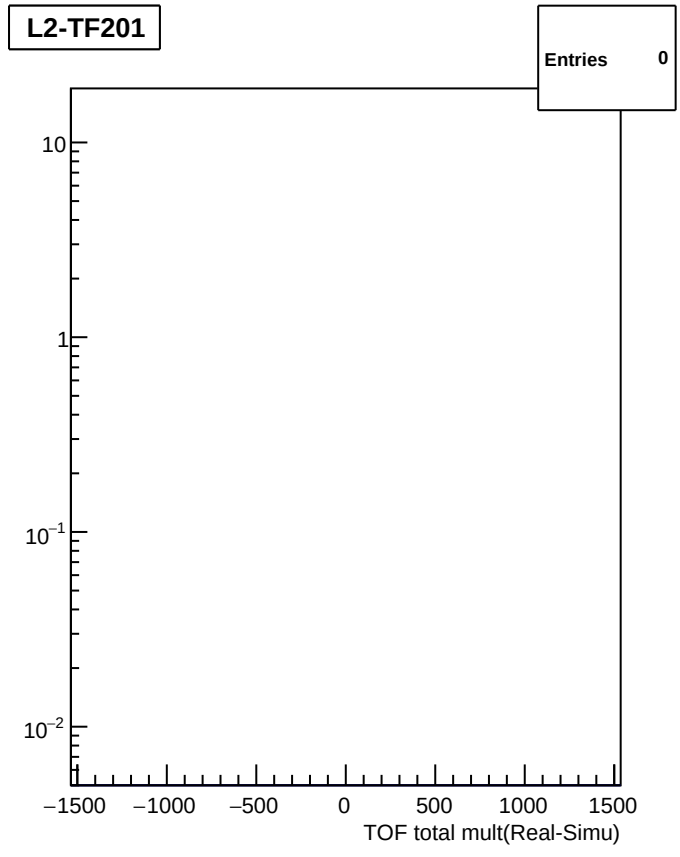

MIX-TF101
Entries 1907298
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

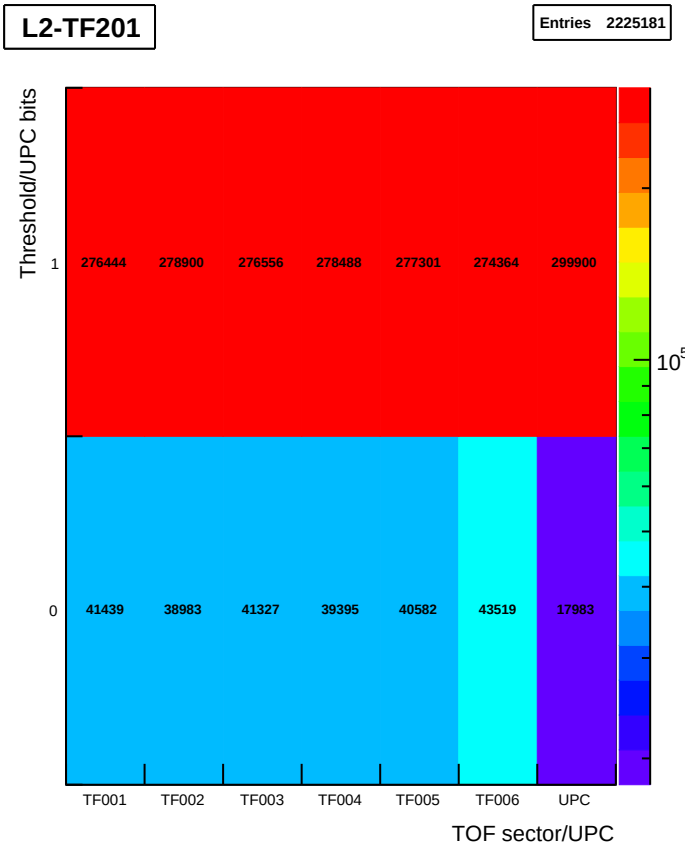

MIX-TF101
Entries 101844
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

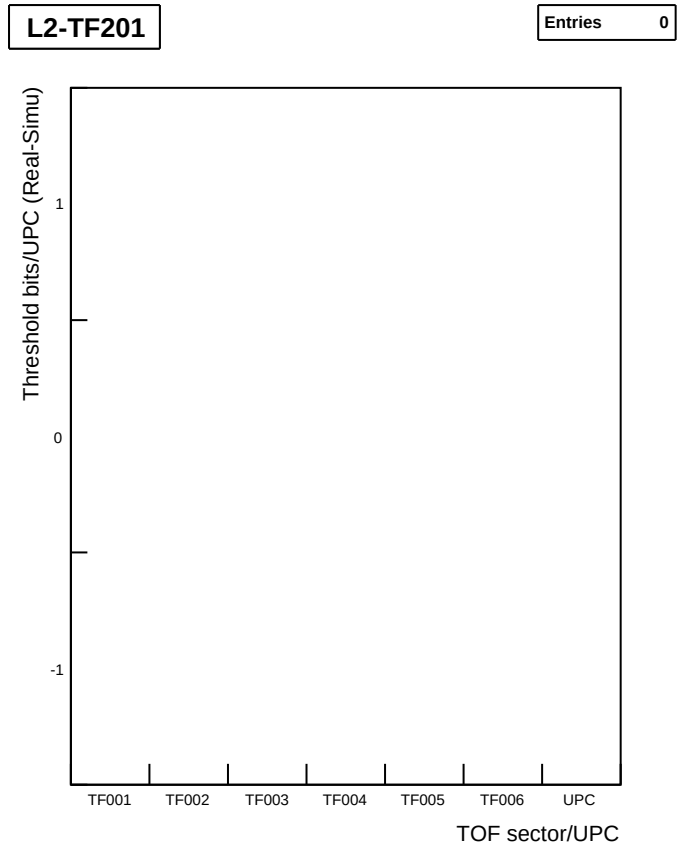

MIX-TF101
Entries 1907298
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

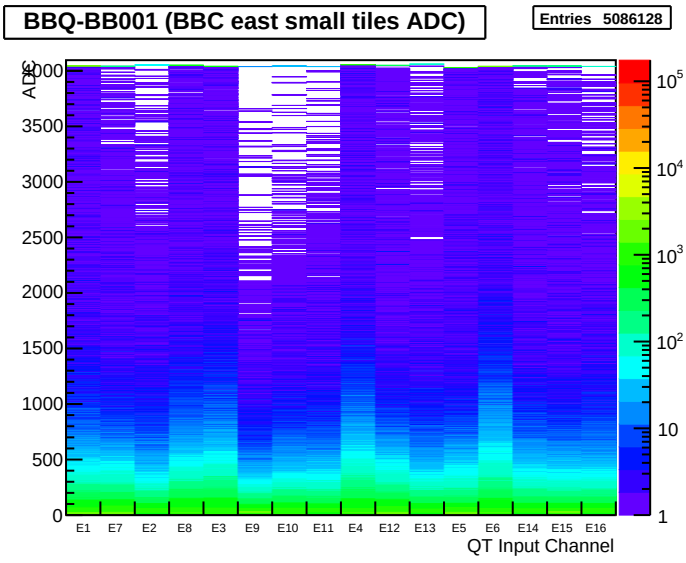

MIX-TF101
Entries 205968
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

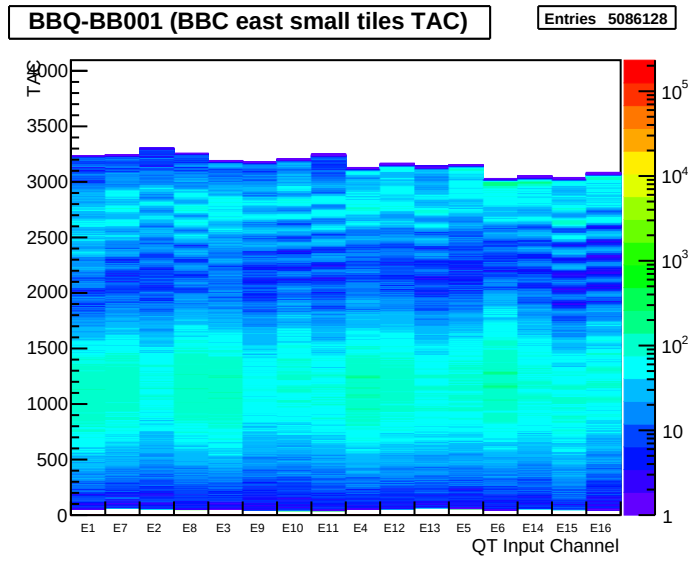

L2-TF201
Entries 317883
TOF total mult

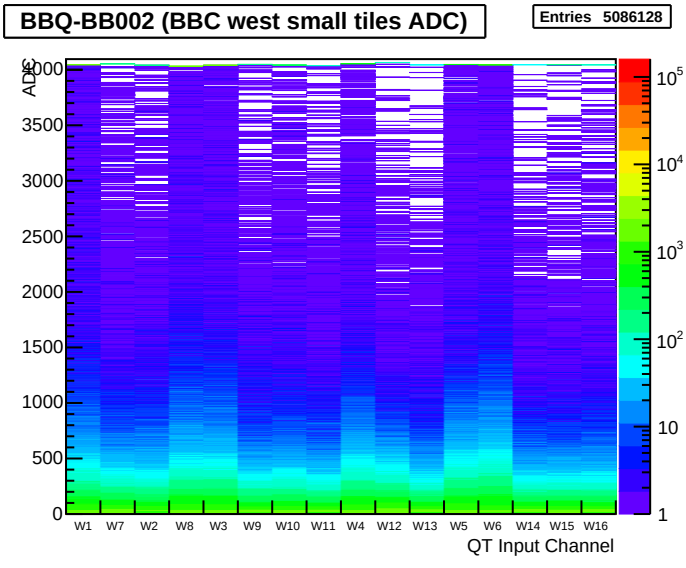

L2-TF201
Entries 0
TOF total mult(Real-Simu)

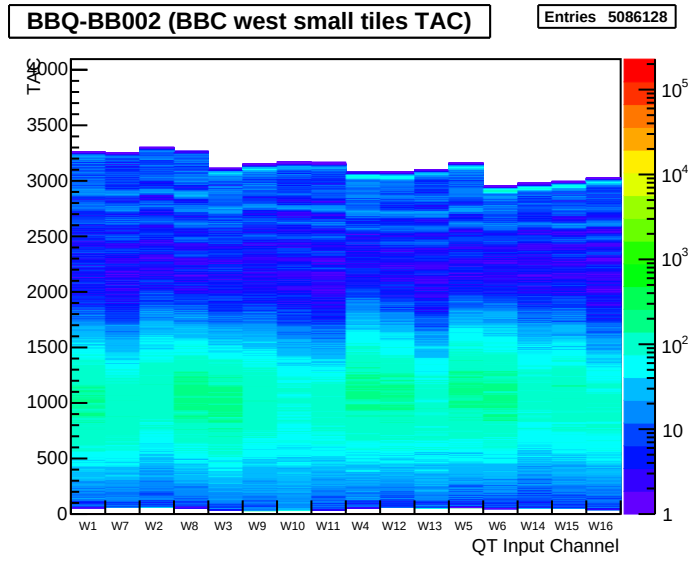

L2-TF201
Entries 2225181
Threshold/UPC bits
276444
278900
276556
278488
277301
274364
299900
41439
38983
41327
39395
40582
43519
17983
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

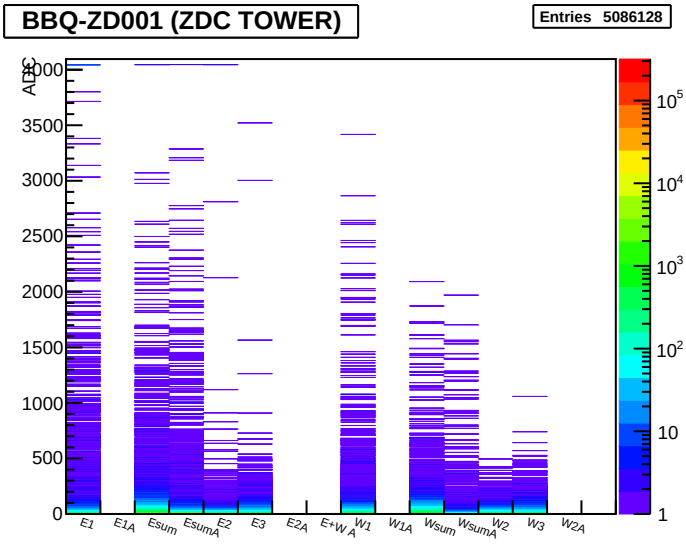

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

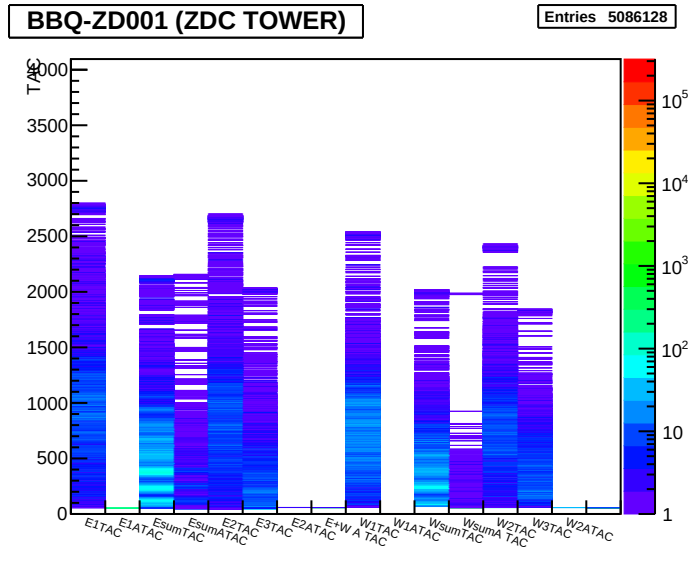

BBQ-BB001 (BBC east small tiles ADC)
Entries 5086128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

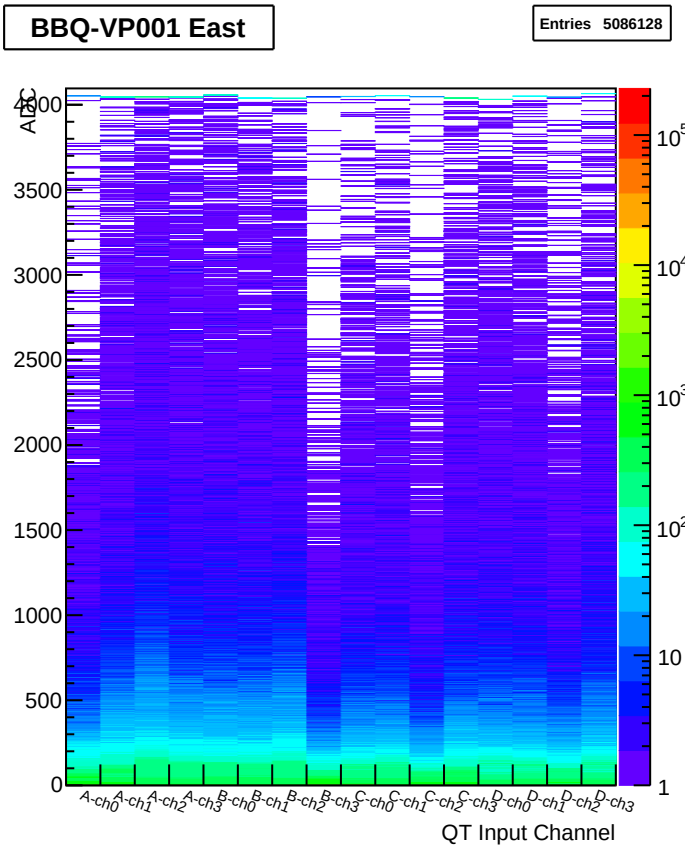

BBQ-BB001 (BBC east small tiles TAC)
Entries 5086128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

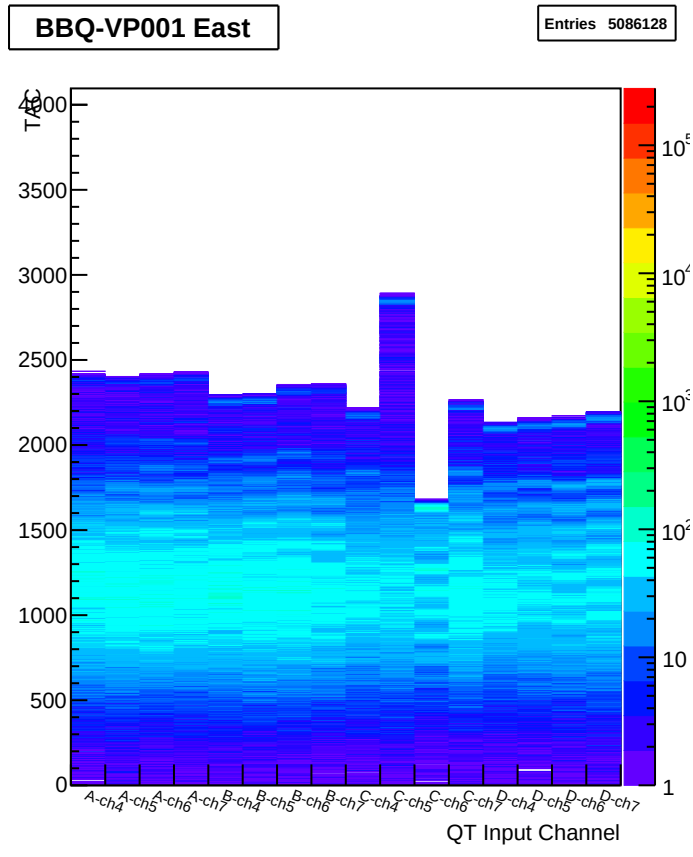

BBQ-BB002 (BBC west small tiles ADC)
Entries 5086128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

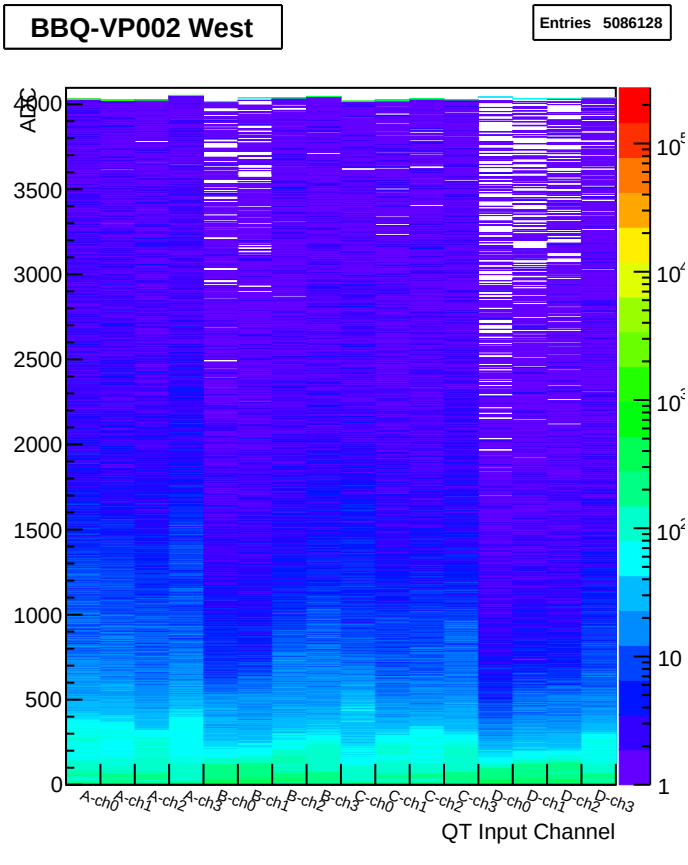

BBQ-BB002 (BBC west small tiles TAC)
Entries 5086128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

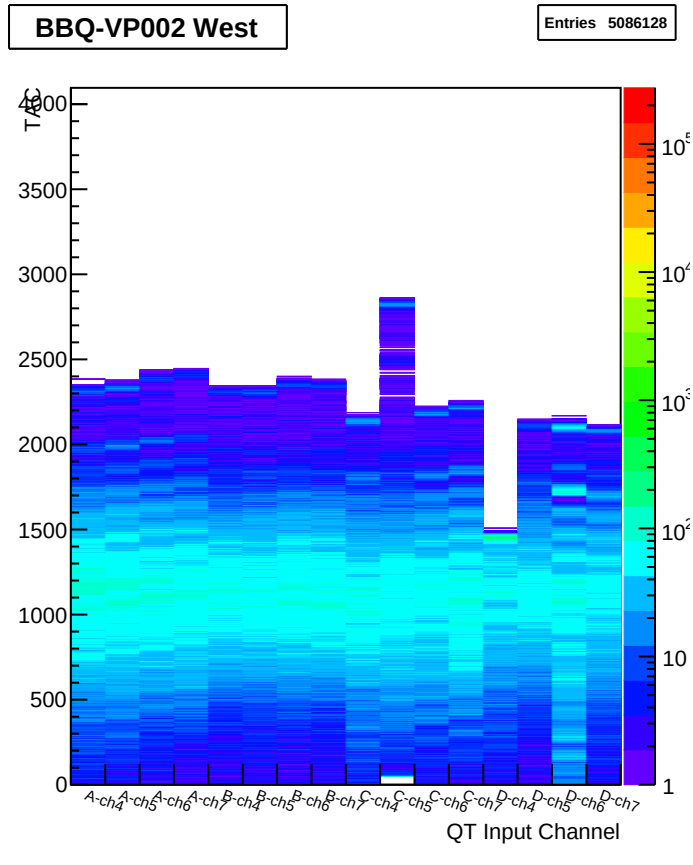

BBQ-ZD001 (ZDC TOWER)
Entries 5086128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

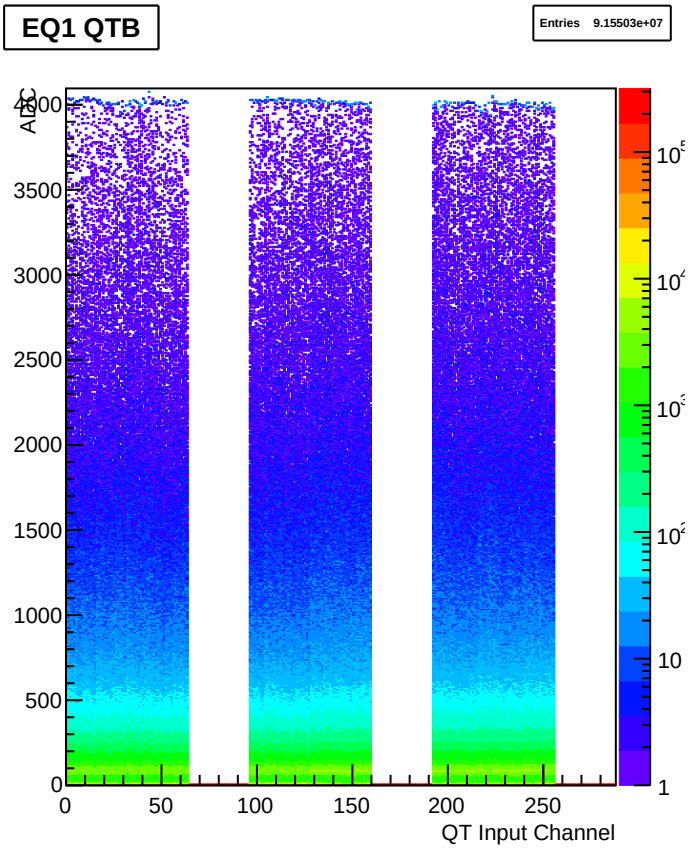

BBQ-ZD001 (ZDC TOWER)
Entries 5086128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

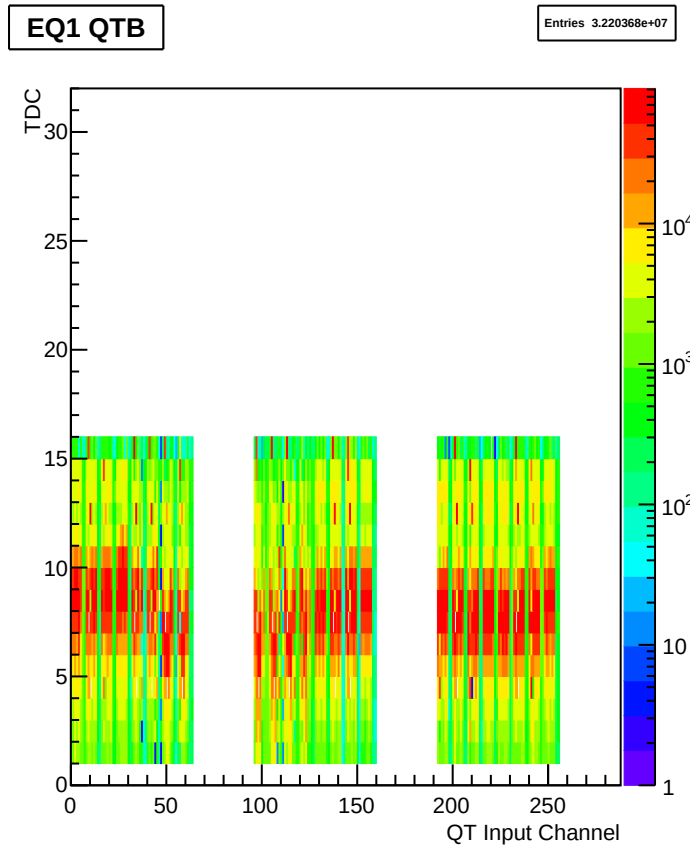

BBQ-VP001 East
Entries 5086128
ADC
QT Input Channel

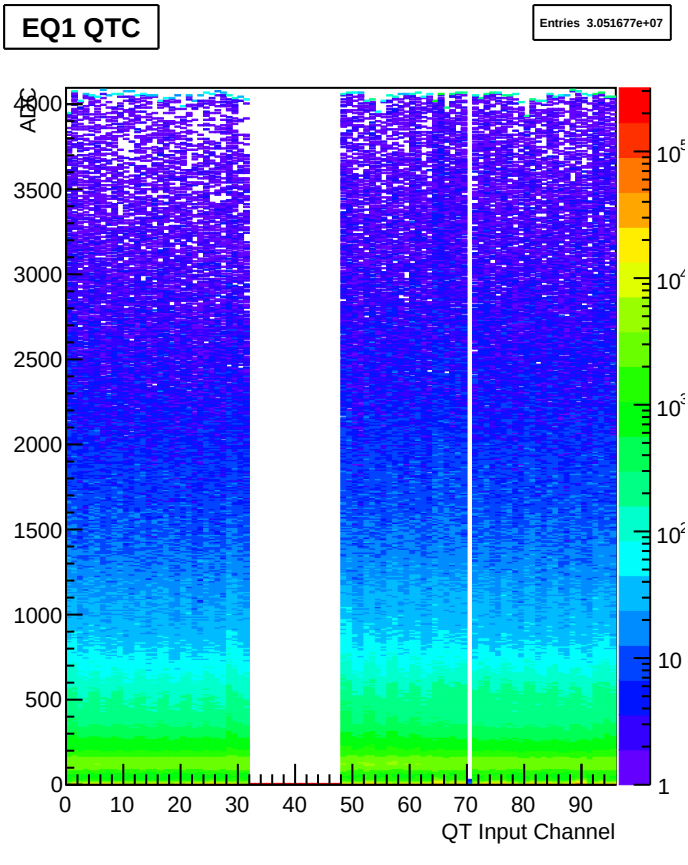

BBQ-VP001 East
Entries 5086128
TADC
QT Input Channel

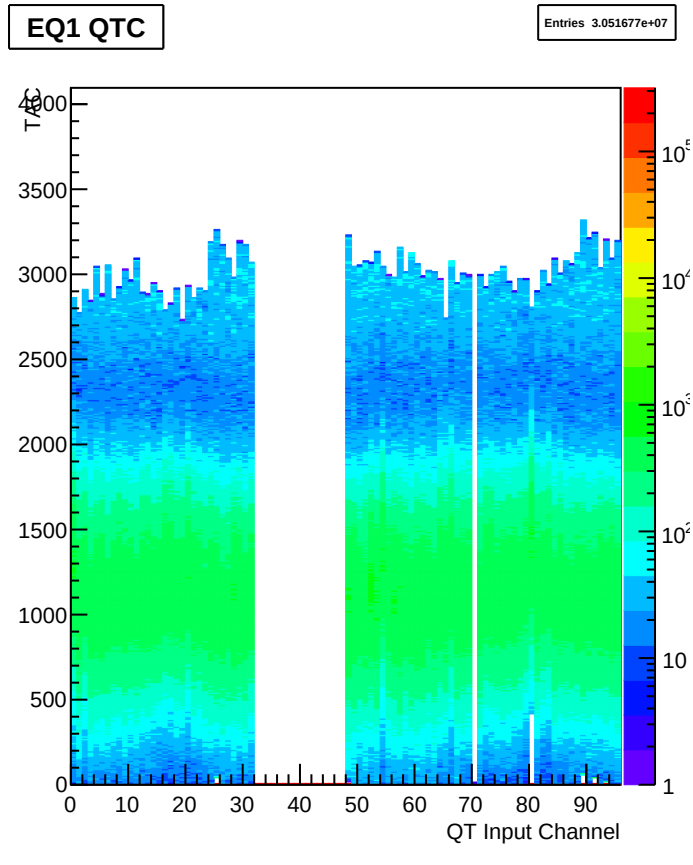

BBQ-VP002 West
Entries 5086128
ADC
QT Input Channel

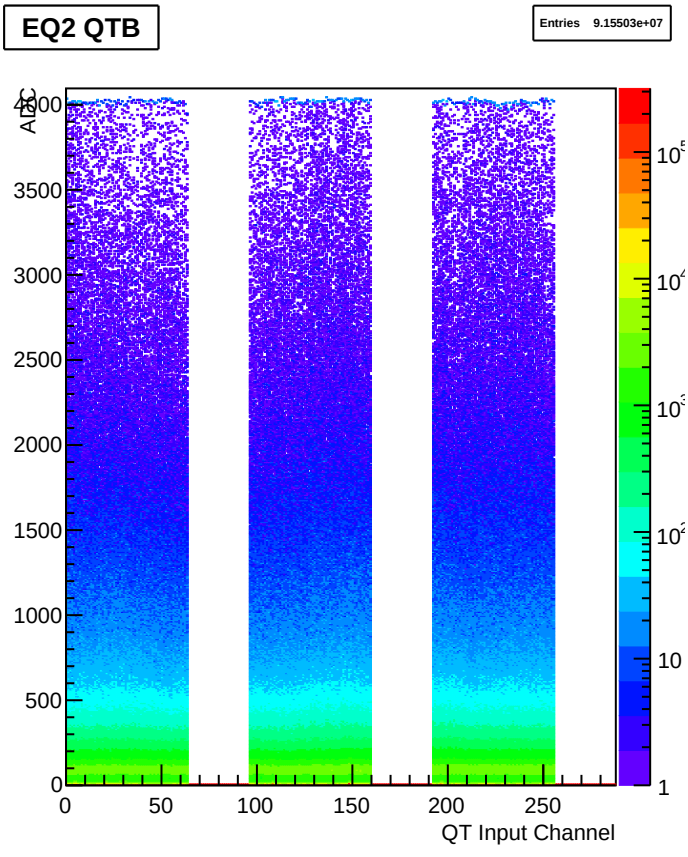

BBQ-VP002 West
Entries 5086128
TADC
QT Input Channel

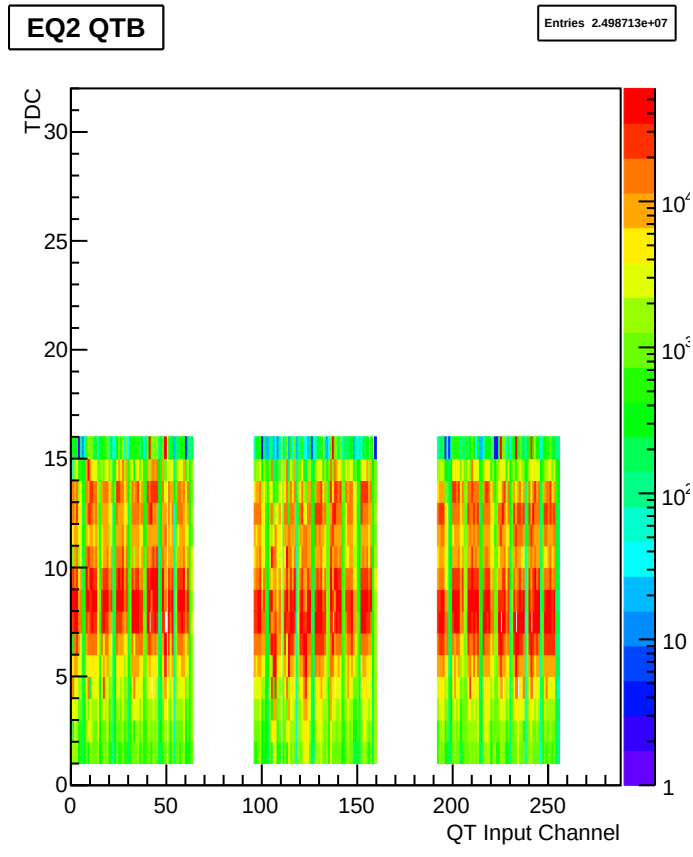

EQ1 QTB
Entries 9.15503e+07
ADC
QT Input Channel

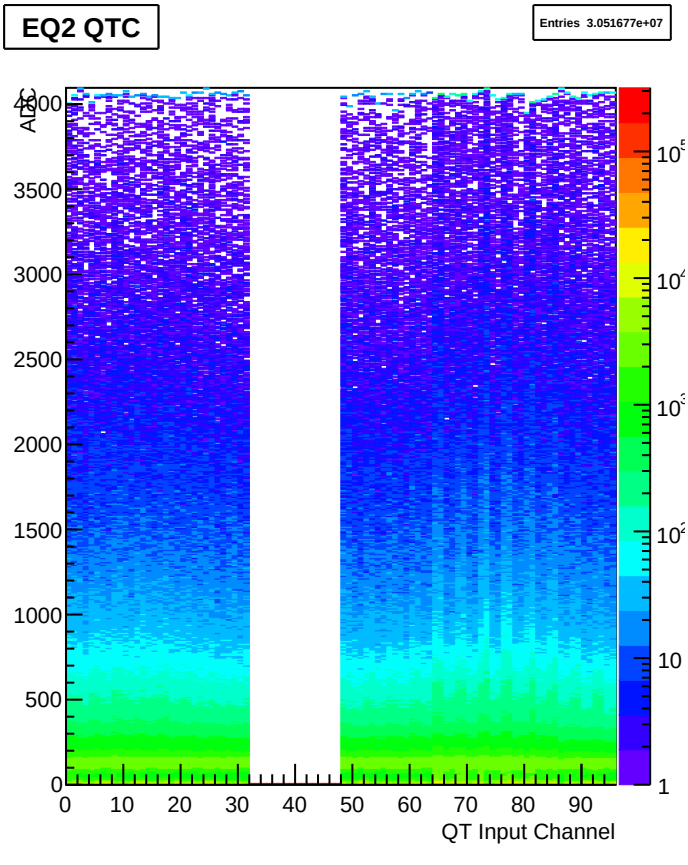

EQ1 QTB
Entries 3.220368e+07
TDC
QT Input Channel

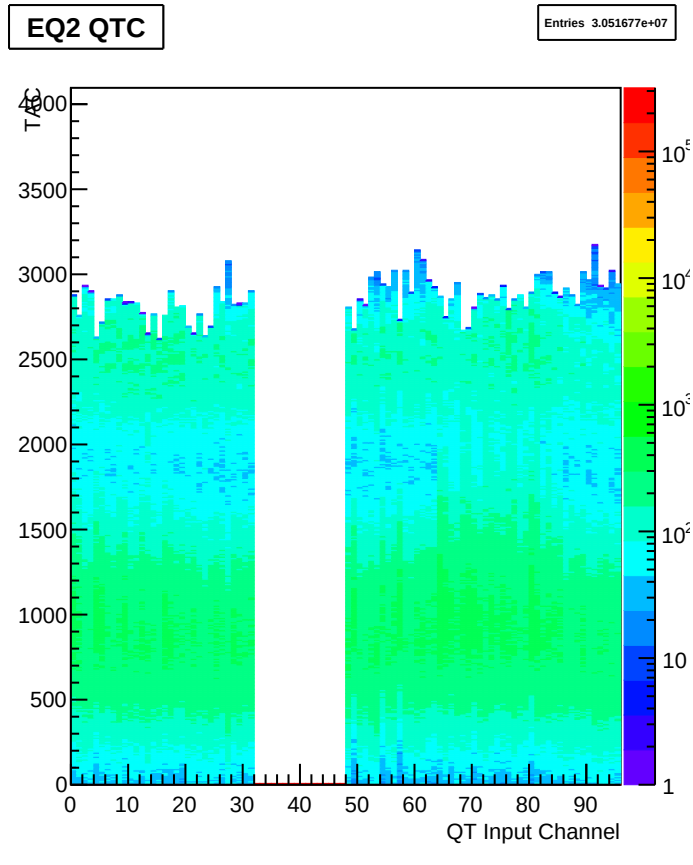

EQ1 QTC
Entries 3.051677e+07
ADC
QT Input Channel

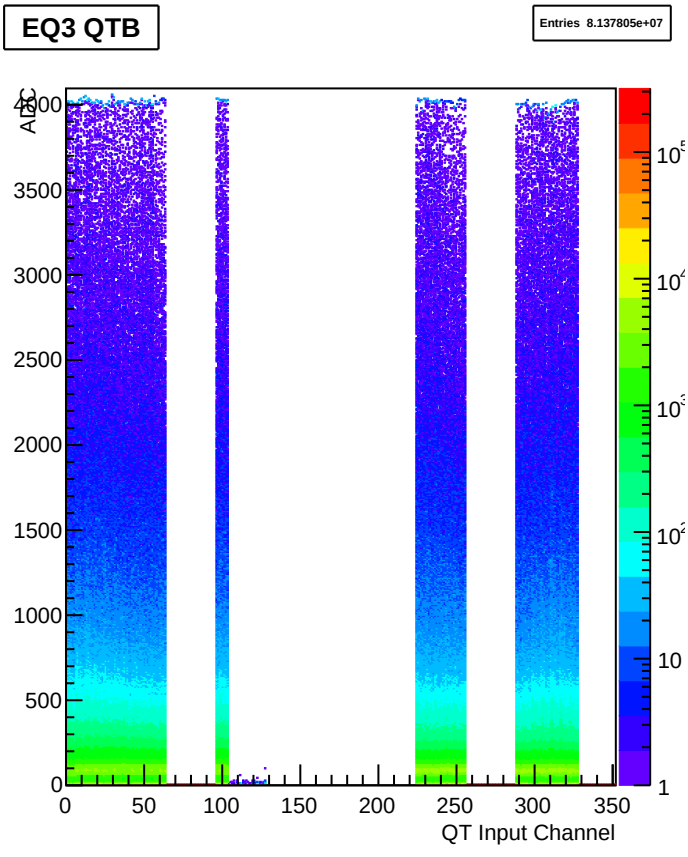

EQ1 QTC
Entries 3.051677e+07
TADC
QT Input Channel

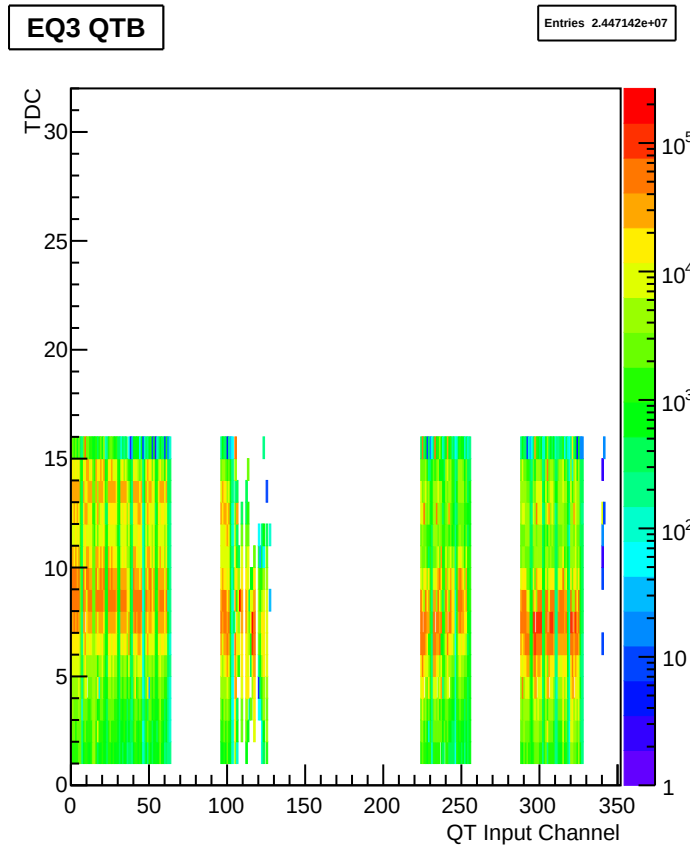

EQ2 QTB
Entries 9.15503e+07
ADC
QT Input Channel

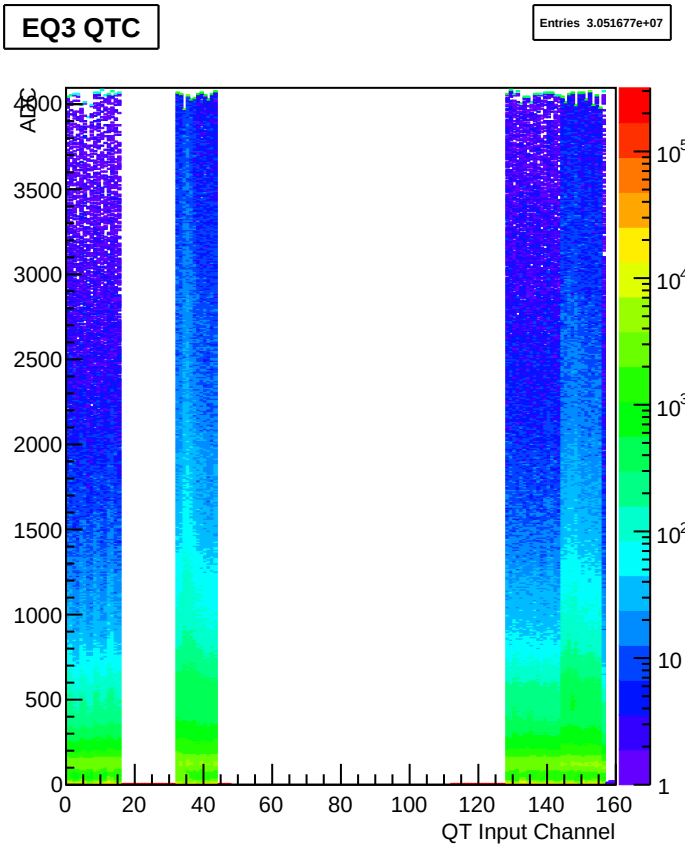

EQ2 QTB
Entries 2.498713e+07
TDC
QT Input Channel

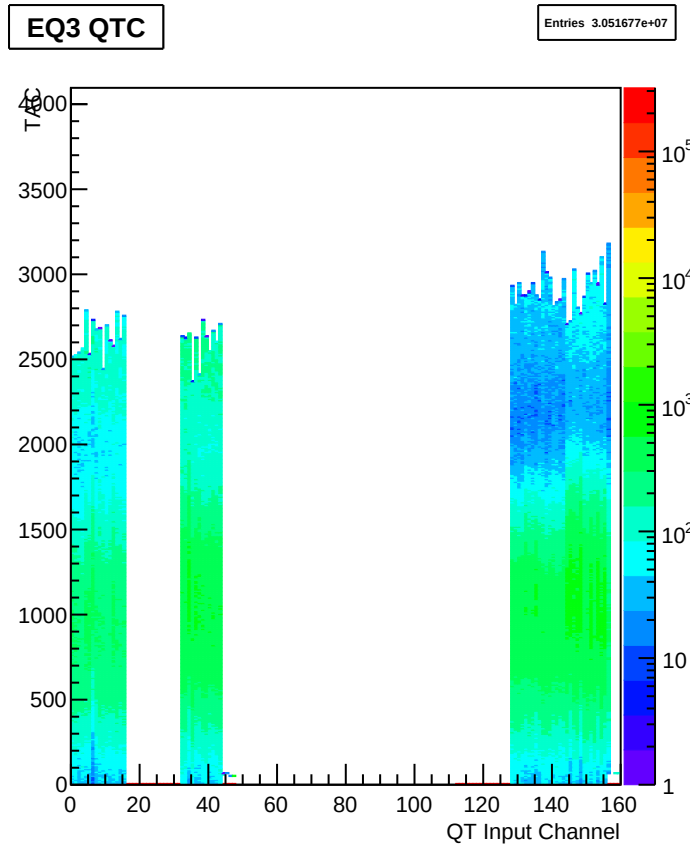

EQ2 QTC
Entries 3.051677e+07
ADC
QT Input Channel

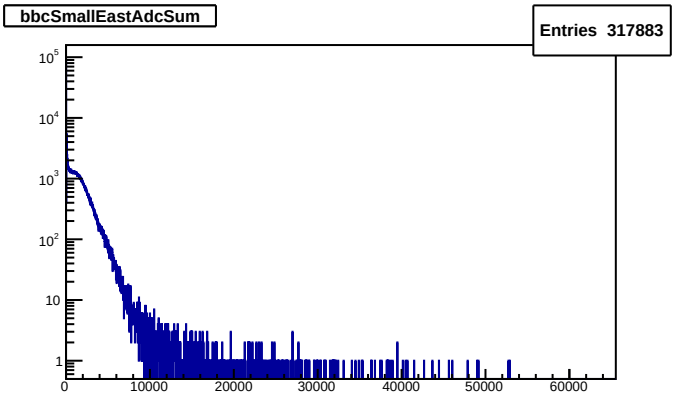

EQ2 QTC
Entries 3.051677e+07
TADC
QT Input Channel

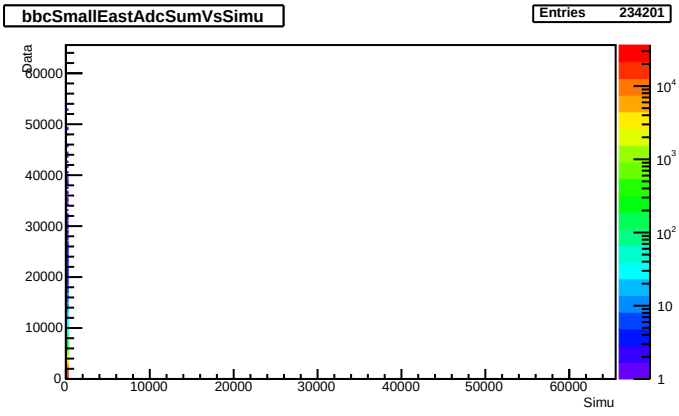

EQ3 QTB
Entries 8.137805e+07
ADC
QT Input Channel

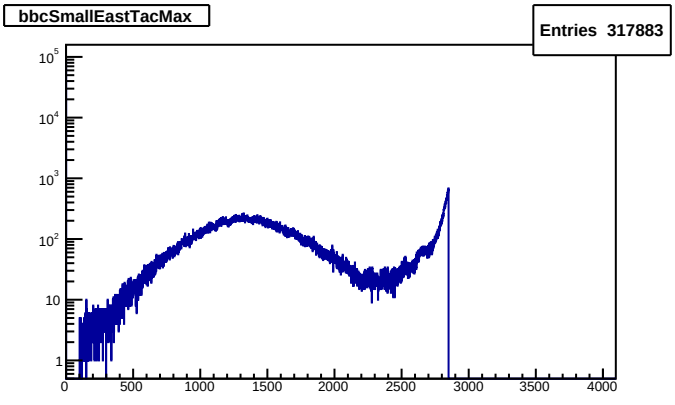

EQ3 QTB
Entries 2.447142e+07
TDC
QT Input Channel

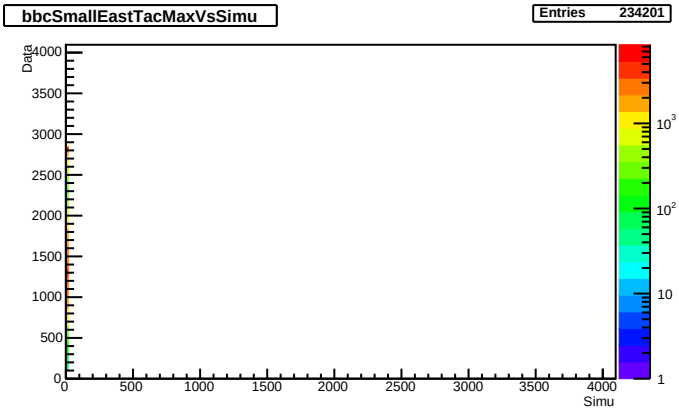

EQ3 QTC
Entries 3.051677e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.051677e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 317883


bbcSmallEastAdcSumVsSimu
Entries 234201
Data
Simu


bbcSmallEastTacMax
Entries 317883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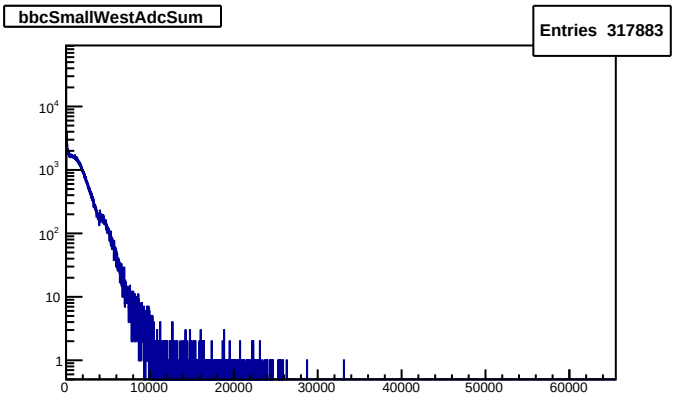
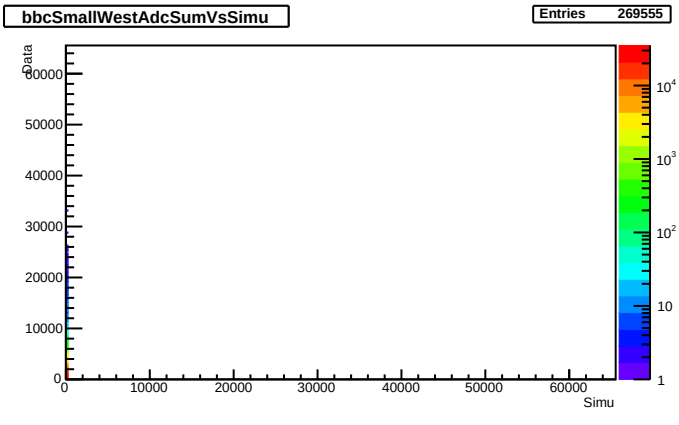
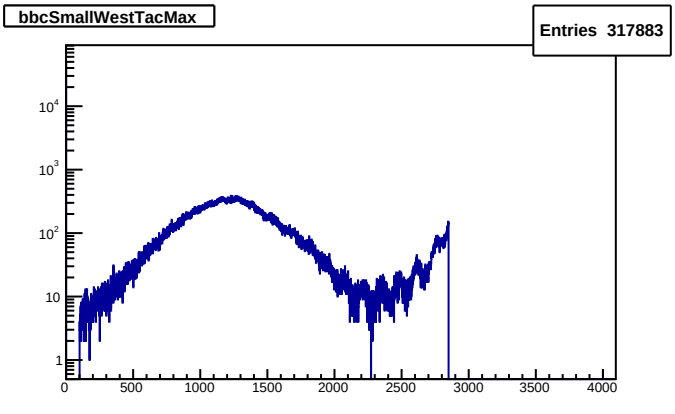
Entries 234201
Data
Simu


bbcSmallWestAdcSum
Entries 317883


bbcSmallWestAdcSumVsSimu
Entries 269555
Data
Simu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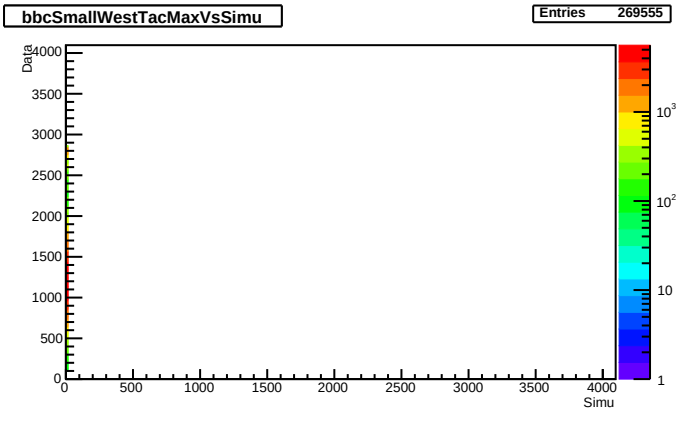
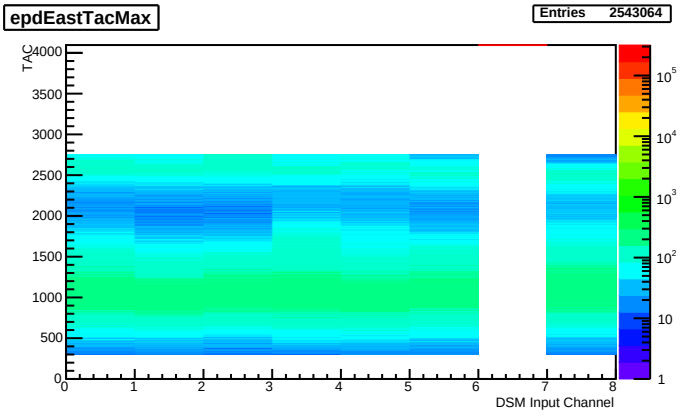
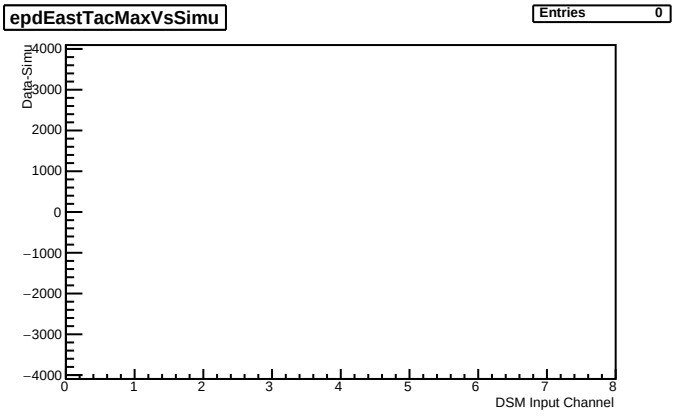
Entries 317883


bbcSmallWestTacMaxVsSimu
Entries 269555
Data
Simu


epdEastTacMax
Entries 2543064
TAC
DSM Input Channel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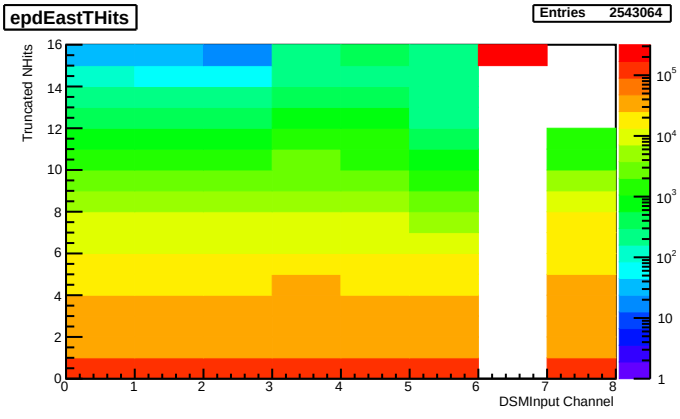
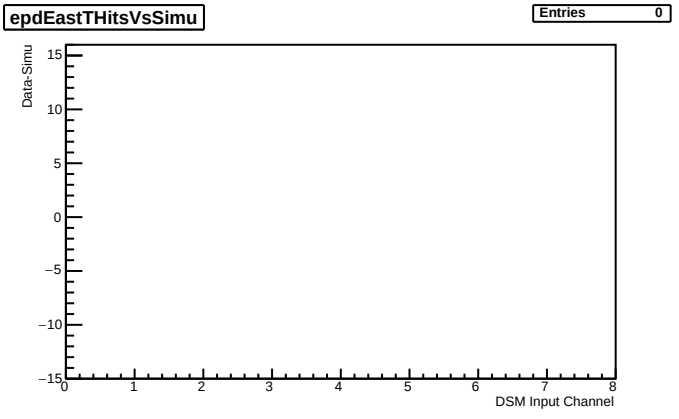
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2543064
Truncated NHits
DSMInput Channel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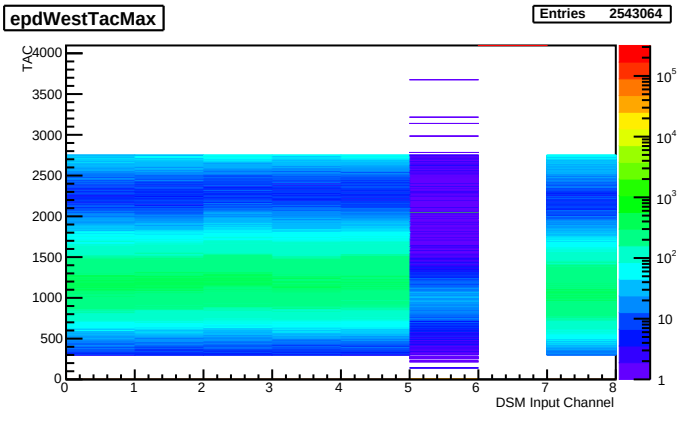
Entries 0
Data-Simu
DSM Input Channel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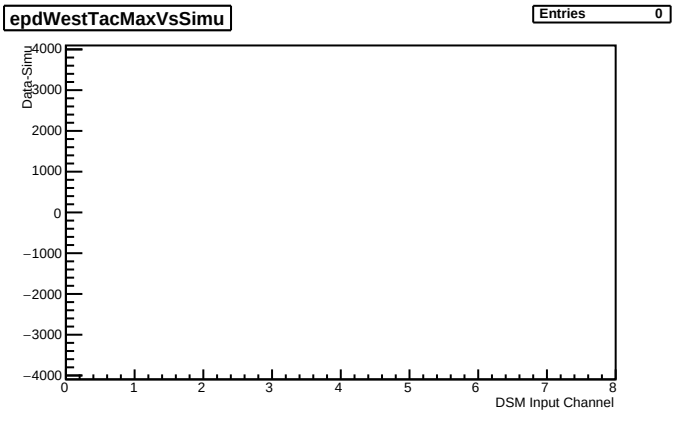
Entries 2543064
TAC
DSM Input Channel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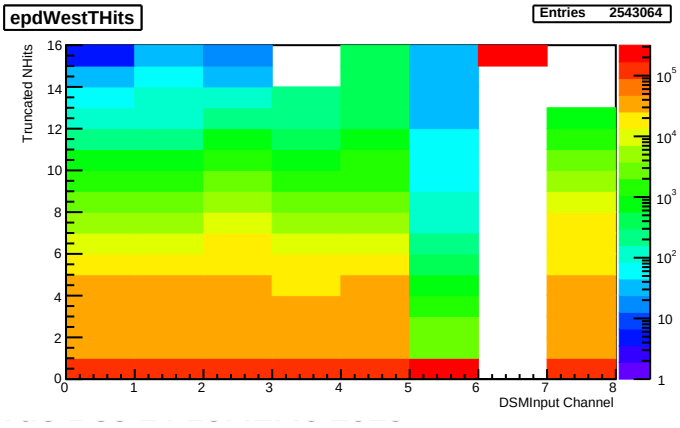
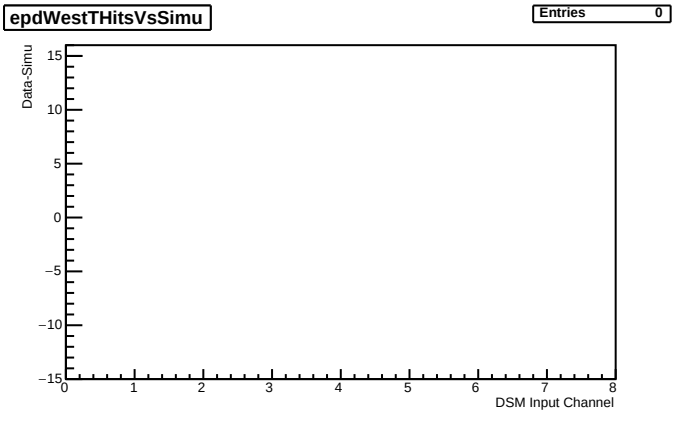
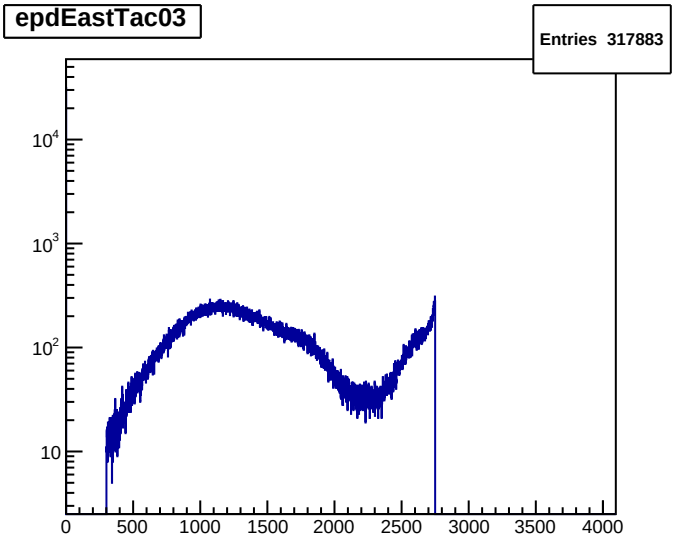
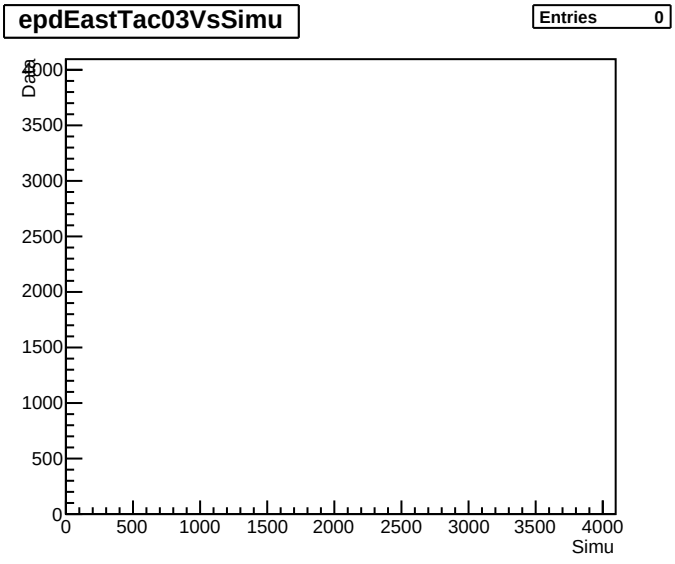
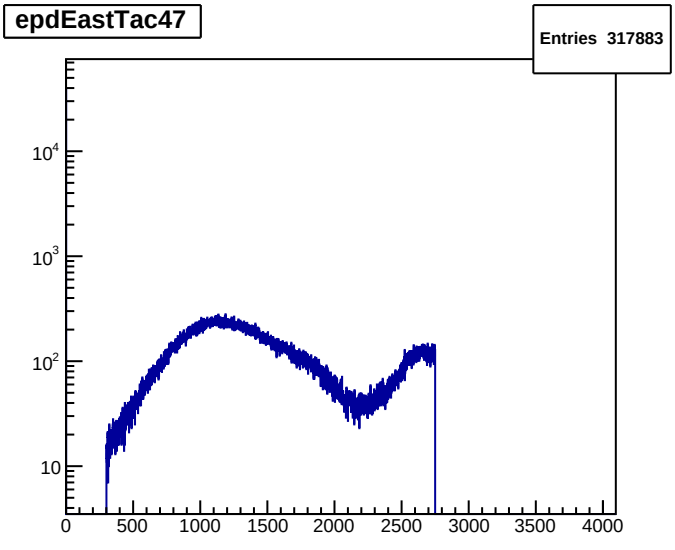
Entries 0
Data-Simu
DSM Input Channel

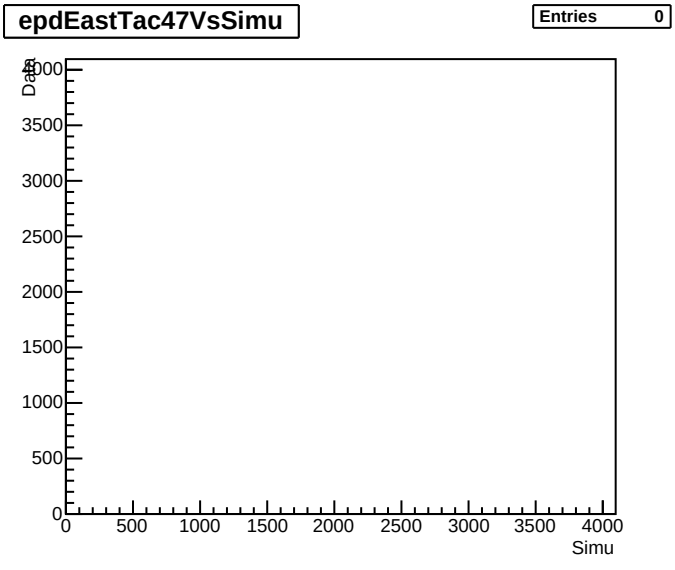

epdWestTHits
Entries 2543064
Truncated NHits
DSMInput Channel

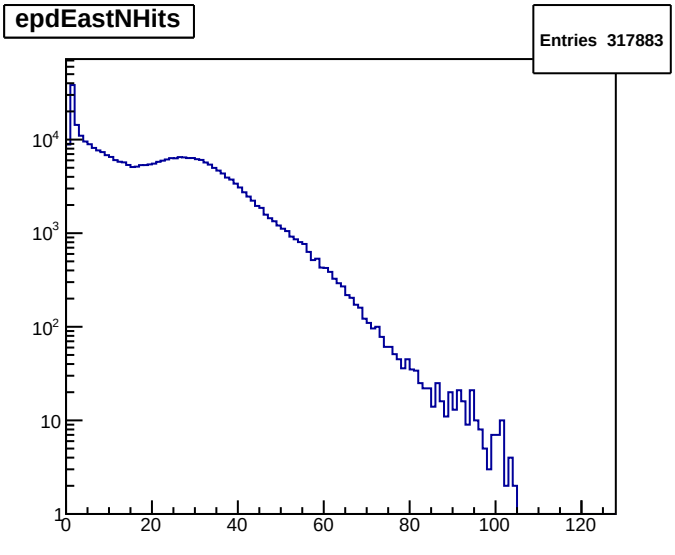

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

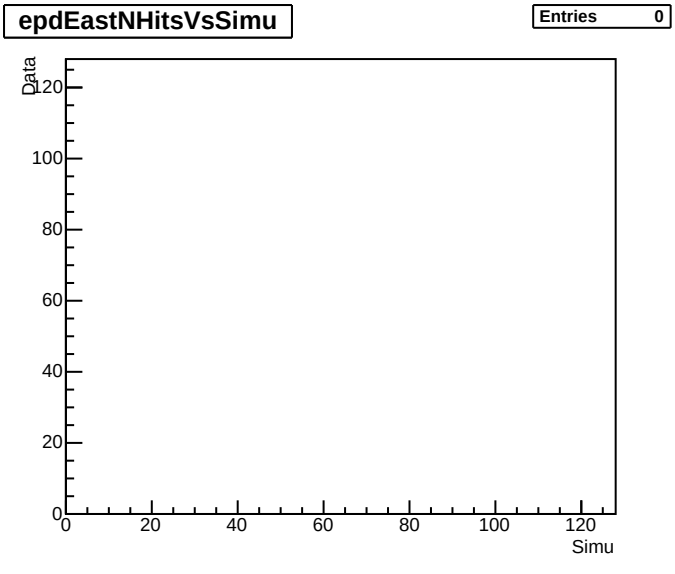

epdEastTac03
Entries 317883


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 317883


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 317883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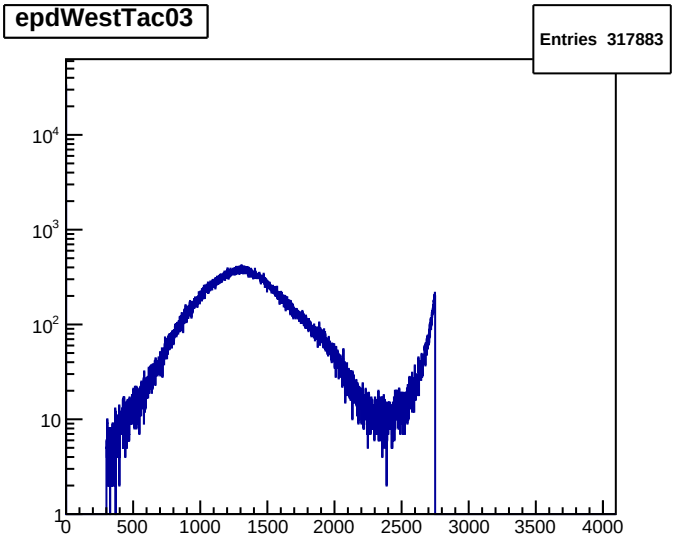
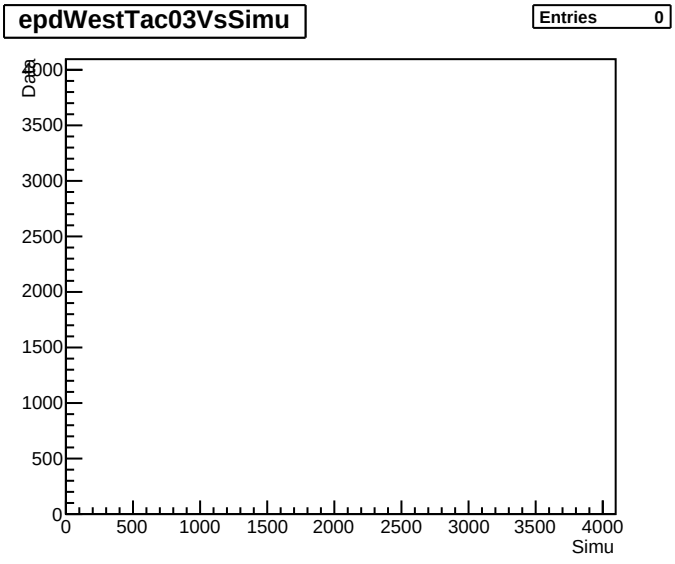
Entries 0
Data
Simu


epdWestTac03
Entries 317883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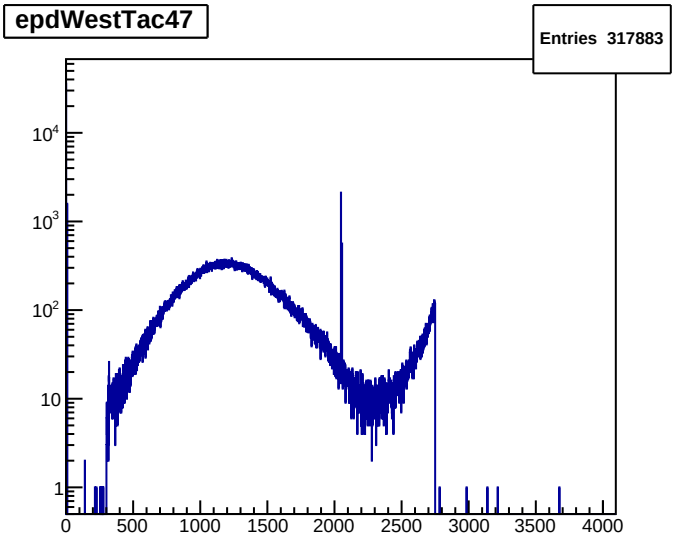
Entries 0
Data
Simu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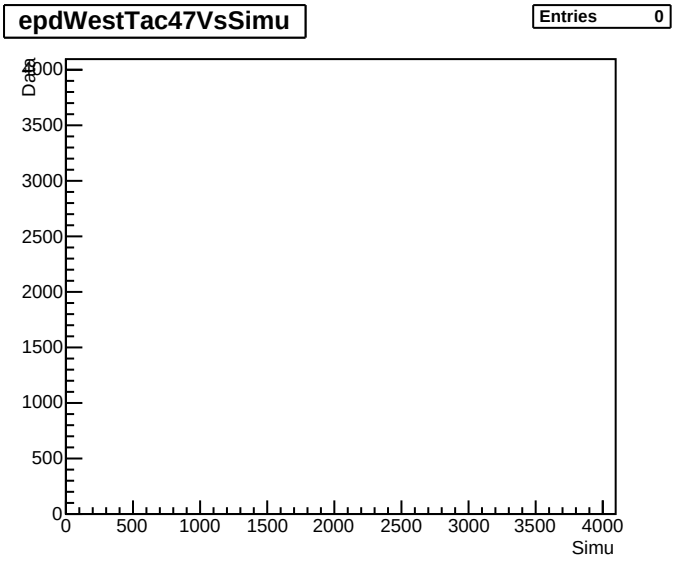
Entries 317883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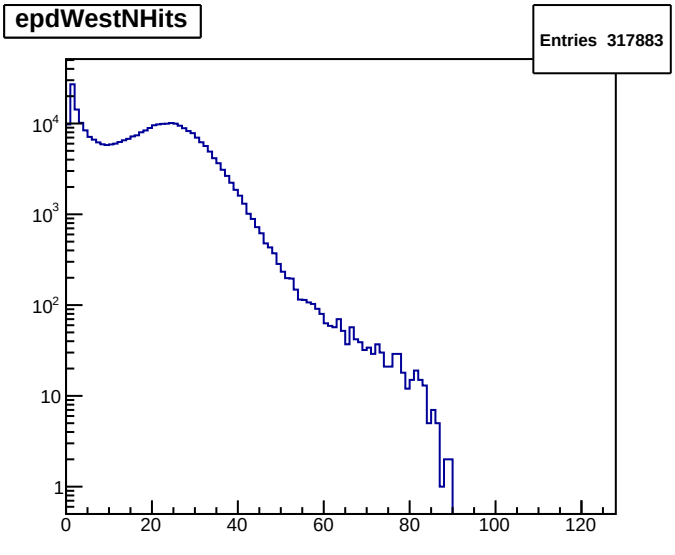
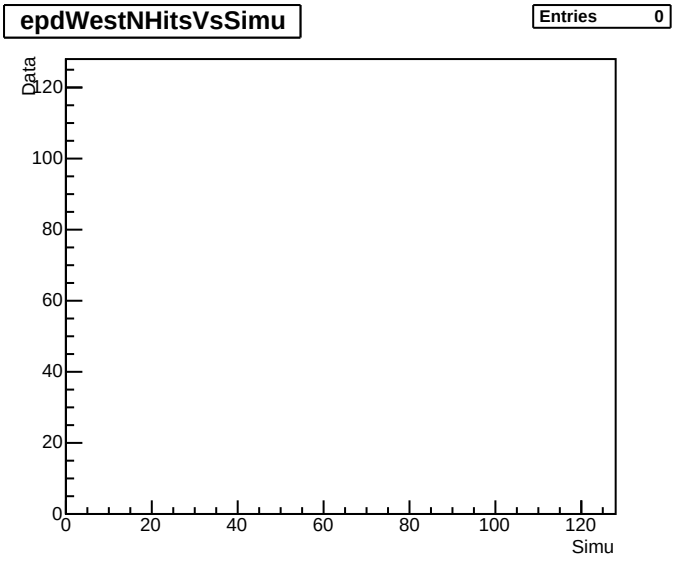
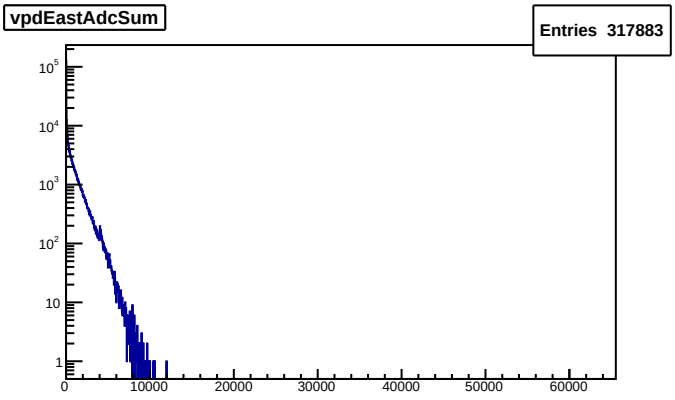
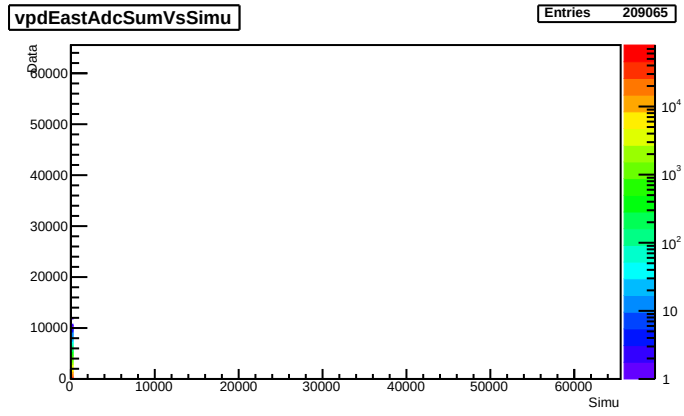
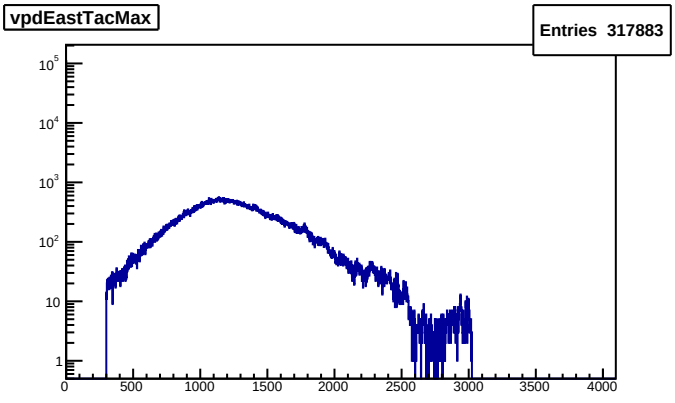
Entries 0
Data
Simu

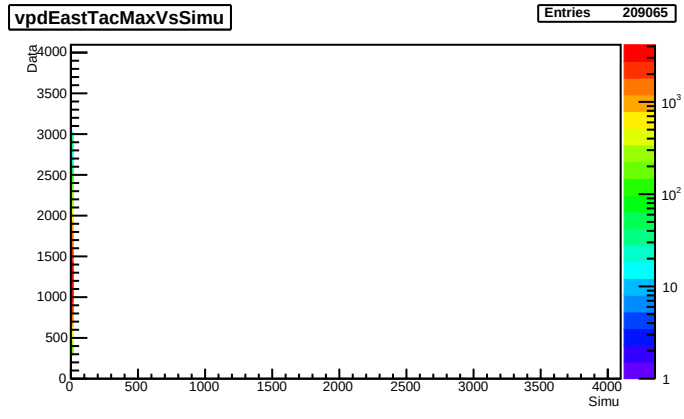

epdWestNHits
Entries 317883

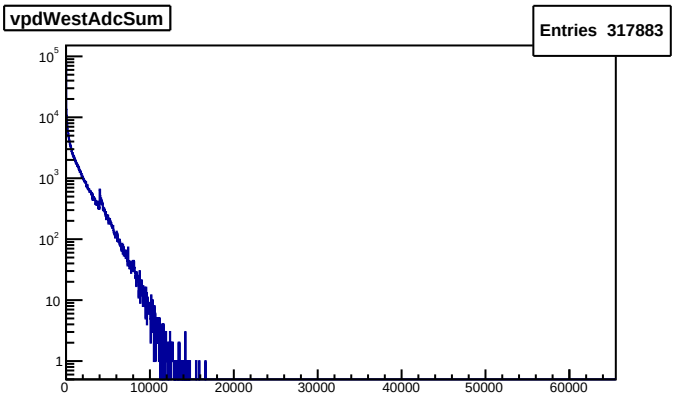

epdWestNHitsVsSimu
Entries 0
Data
Simu

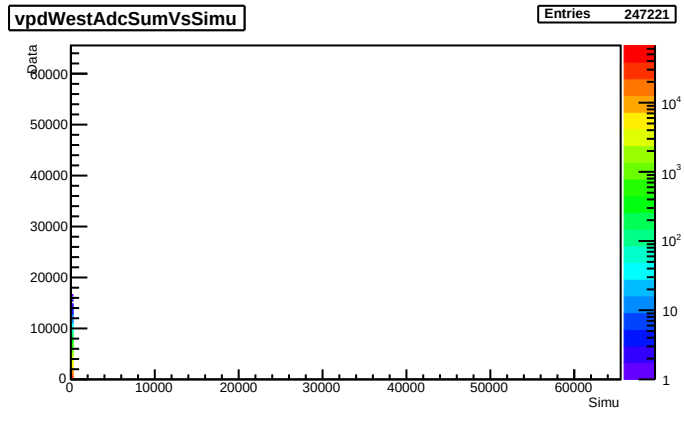

vpdEastAdcSum
Entries 317883

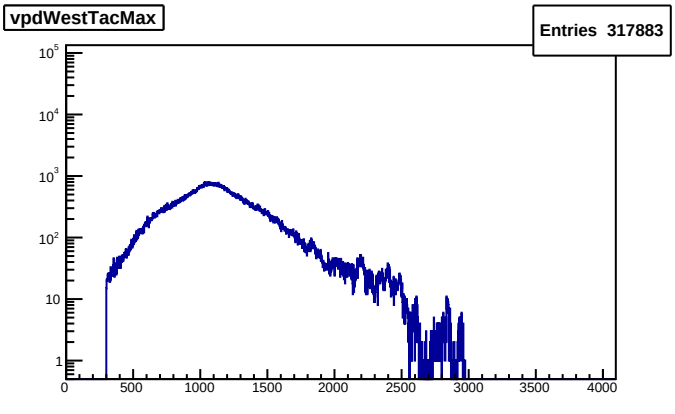

vpdEastAdcSumVsSimu
Entries 209065
Data
Simu

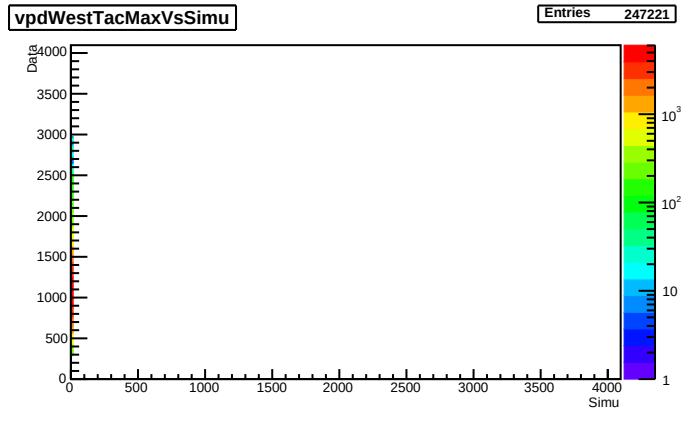

vpdEastTacMax
Entries 317883

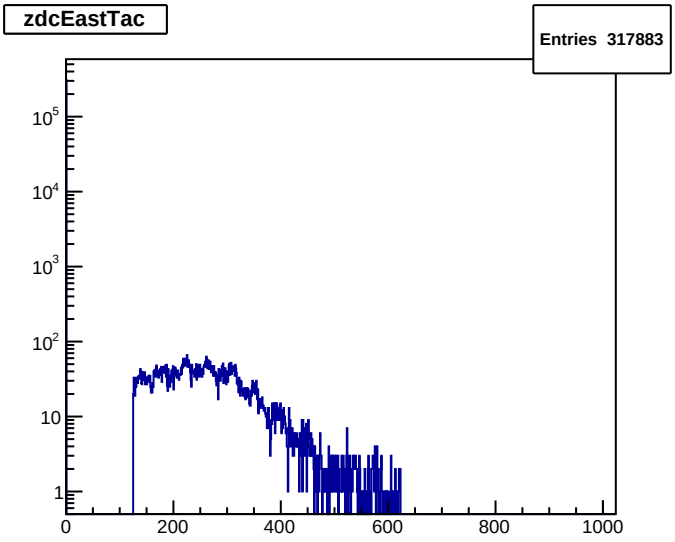

vpdEastTacMaxVsSimu
Entries 209065
Data
Simu

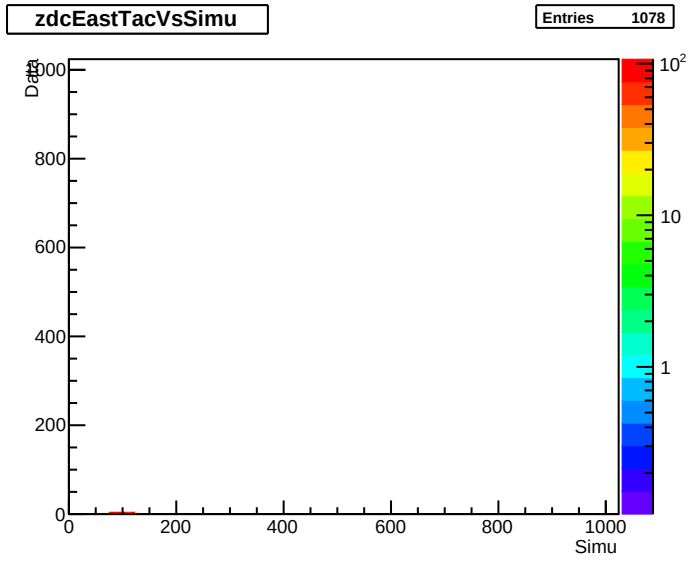

vpdWestAdcSum
Entries 317883

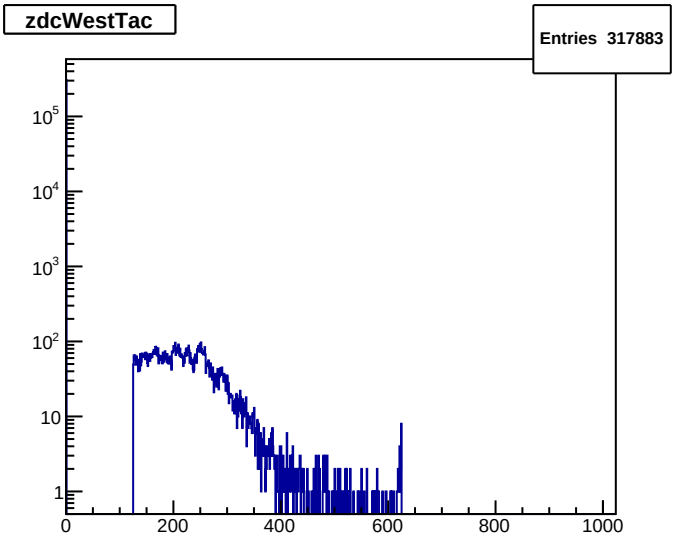

vpdWestAdcSumVsSimu
Entries 247221
Data
Simu

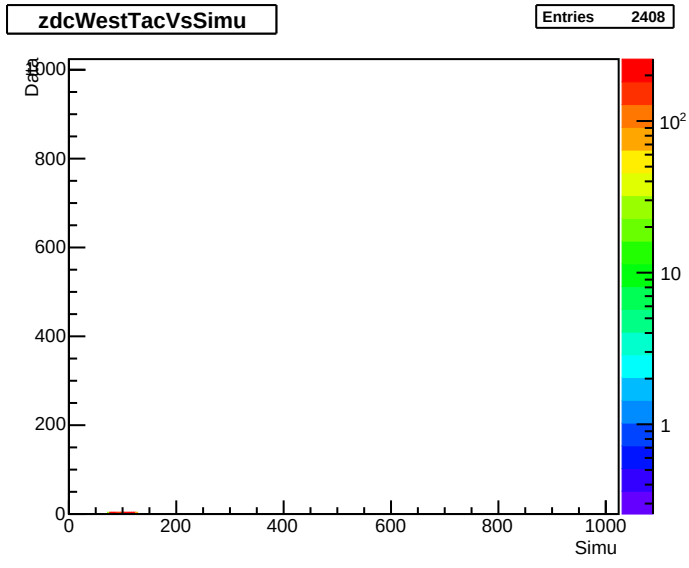

vpdWestTacMax
Entries 317883

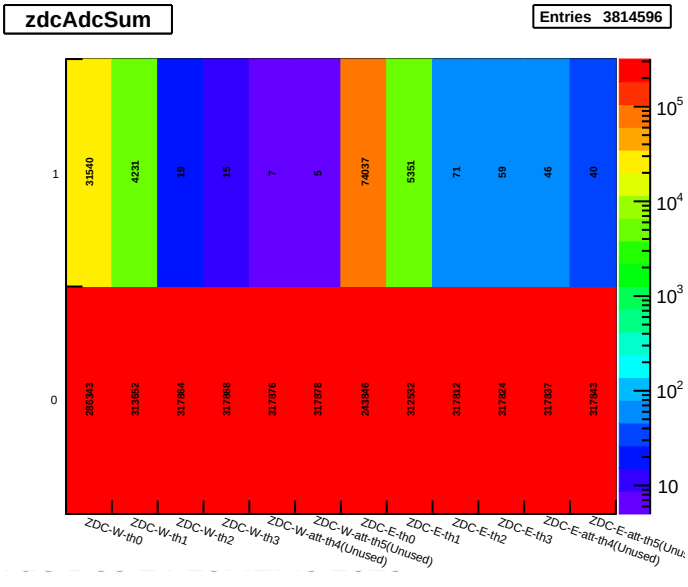

vpdWestTacMaxVsSimu
Entries 247221
Data
Simu

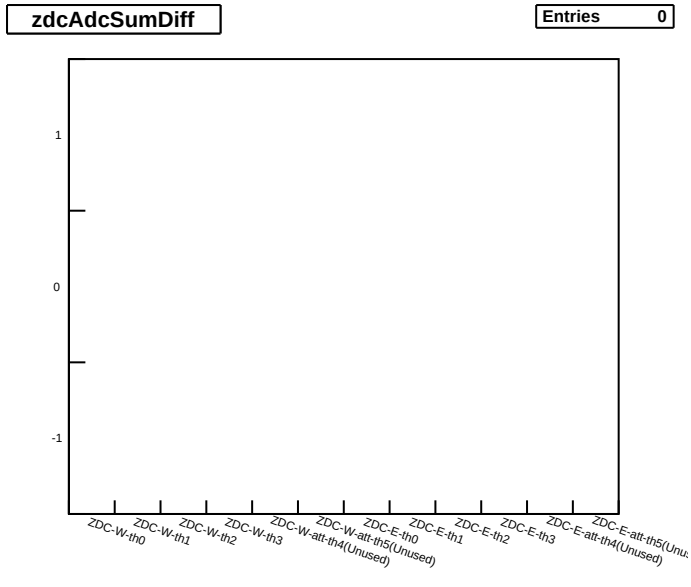

zdcEastTac
Entries 317883

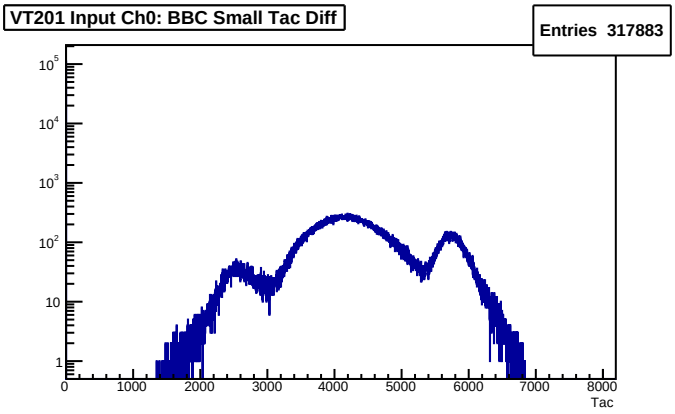

zdcEastTacVsSimu
Entries 1078
Data
Simu

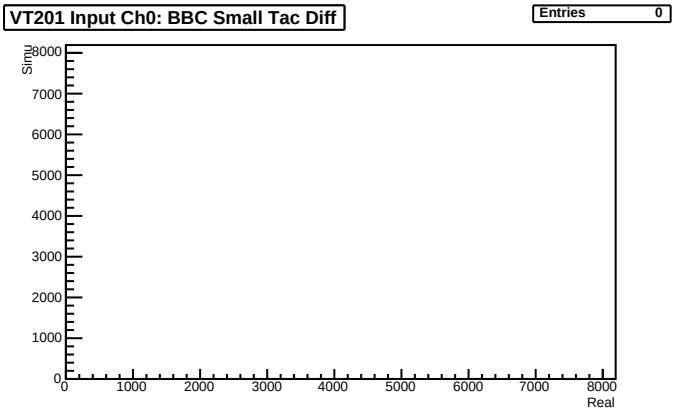

zdcWestTac
Entries 317883

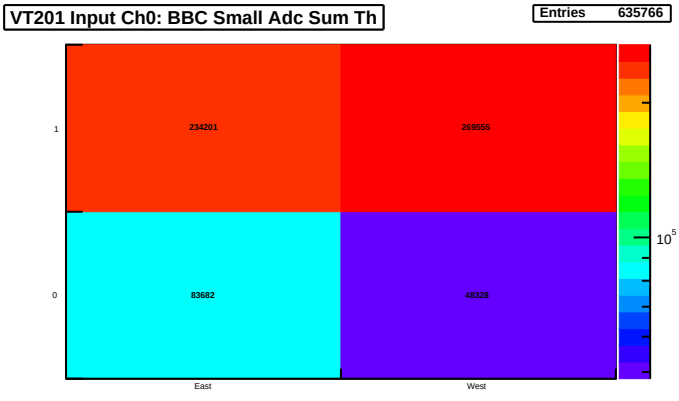

zdcWestTacVsSimu
Entries 2408
Data
Simu

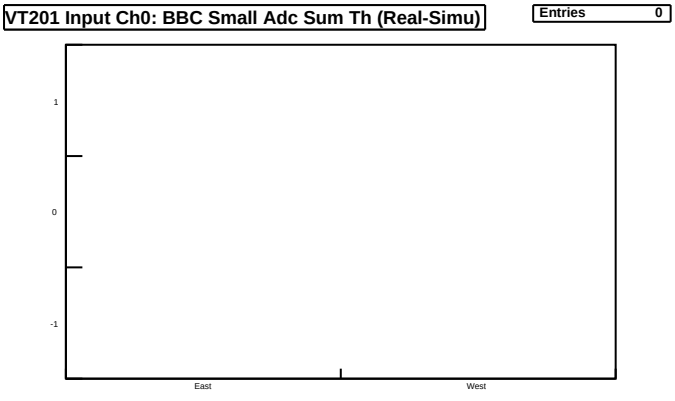

zdcAdcSum
Entries 3814596
31540
4231
19
15
7
5
74037
5351
71
59
46
40
286343
313652
317864
317868
317876
317878
243846
312532
317812
317824
317837
317843
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

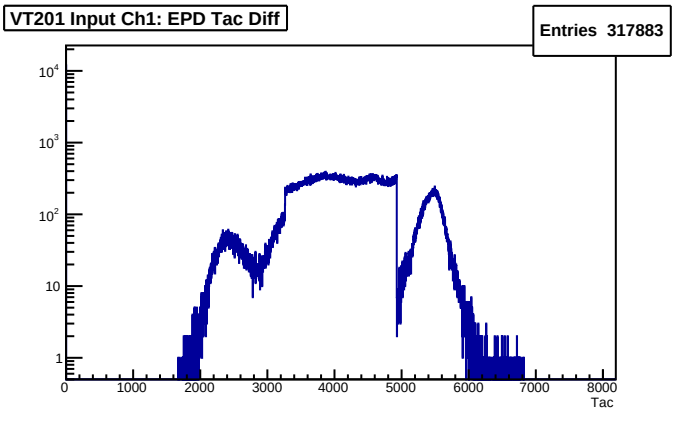

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

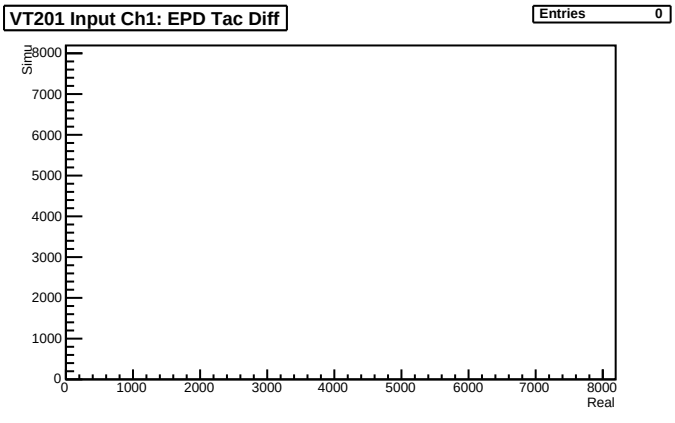

VT201 Input Ch0: BBC Small Tac Diff
Entries 317883
Tac

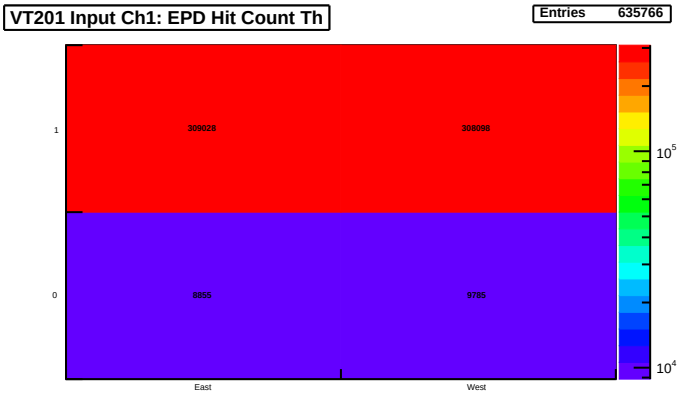

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

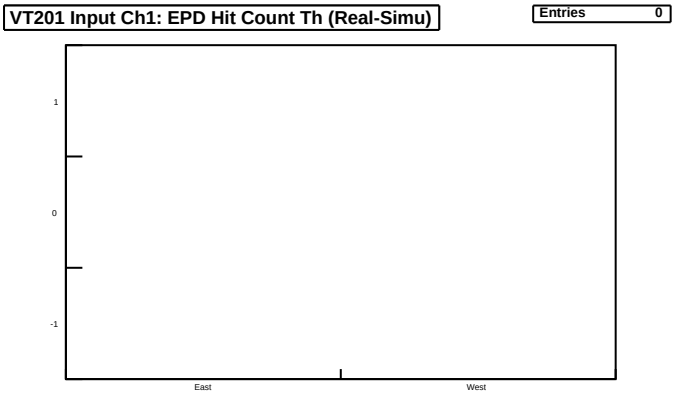

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 635766
234201
269555
83682
48328
East
West

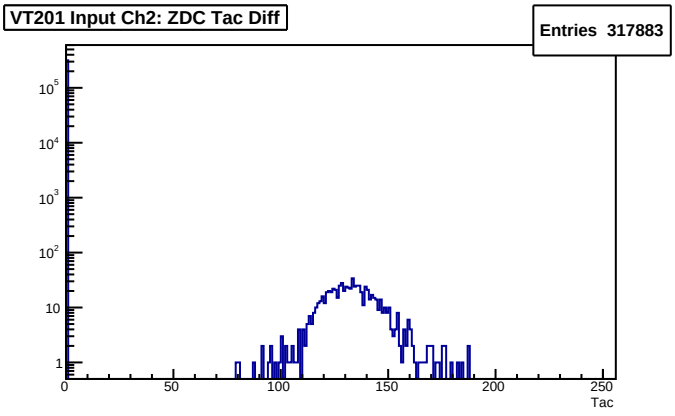

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

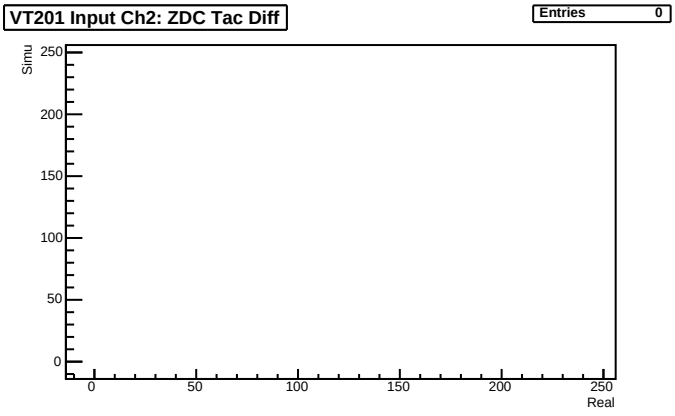

VT201 Input Ch1: EPD Tac Diff
Entries 317883
Tac

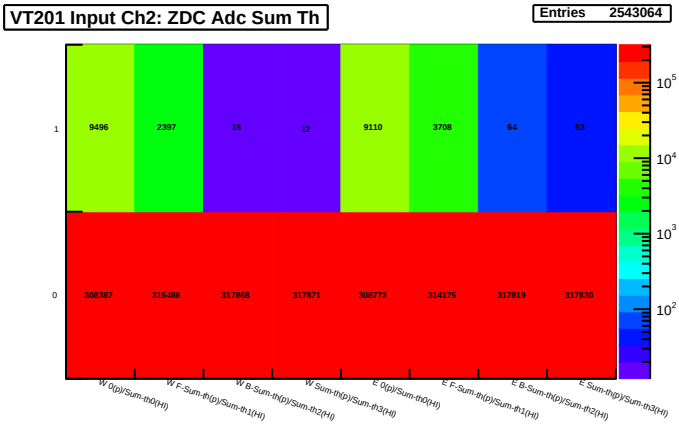

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

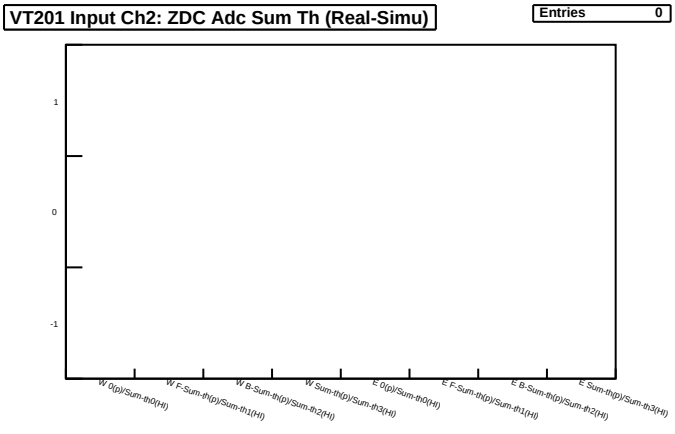

VT201 Input Ch1: EPD Hit Count Th
Entries 635766
309028
308098
8855
9785
East
West

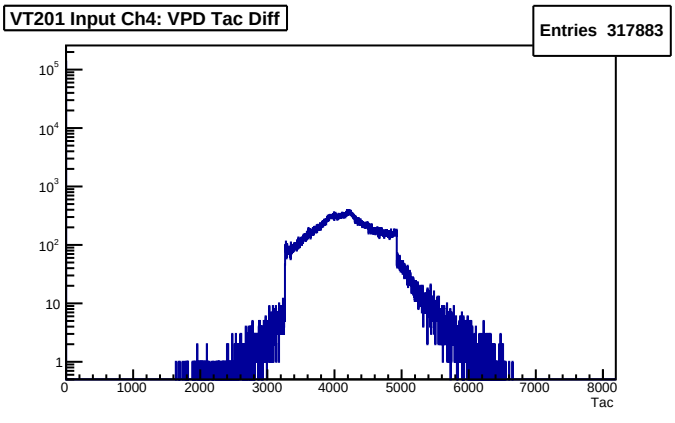

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

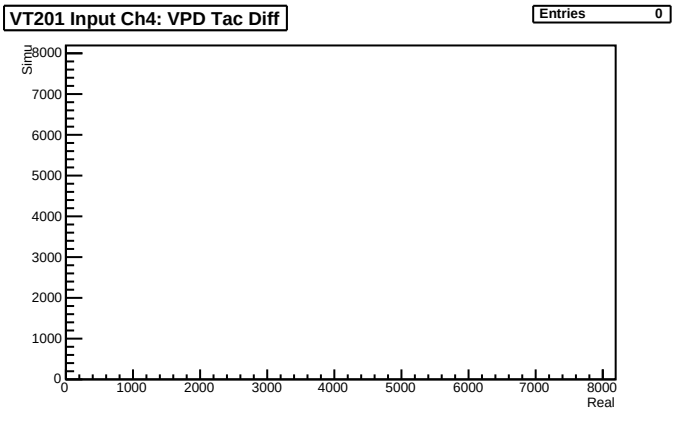

VT201 Input Ch2: ZDC Tac Diff
Entries 317883
Tac

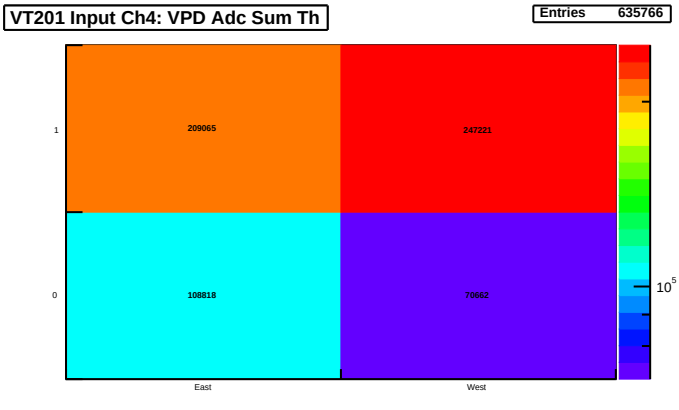

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

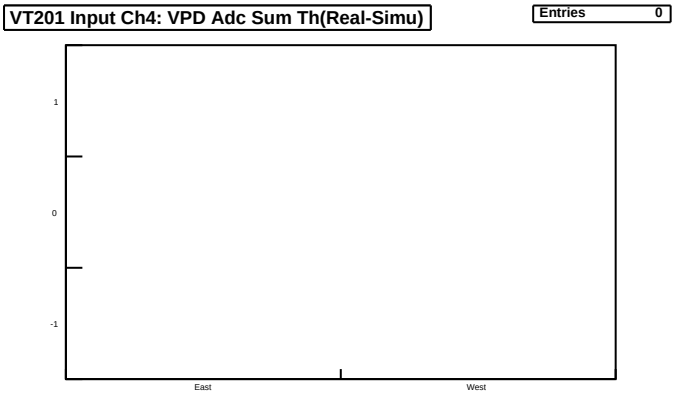

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2543064
9496
2397
15
12
9110
3708
64
53
308387
315486
317868
317871
308773
314175
317819
317830
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

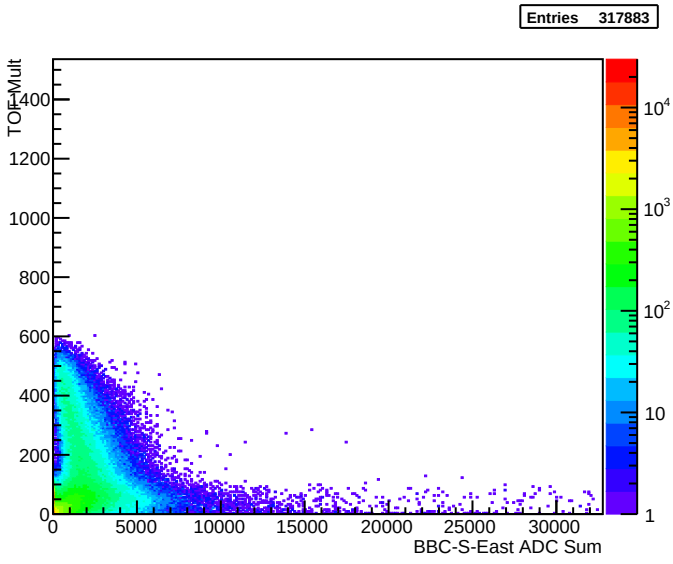

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

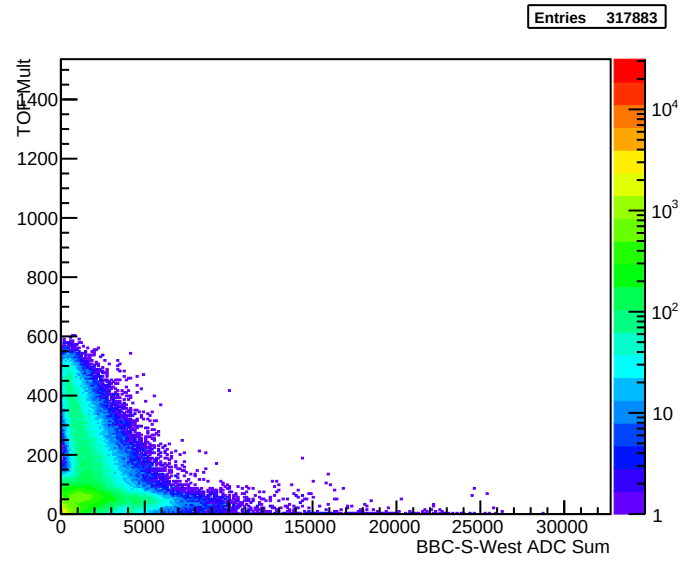

VT201 Input Ch4: VPD Tac Diff
Entries 317883
Tac

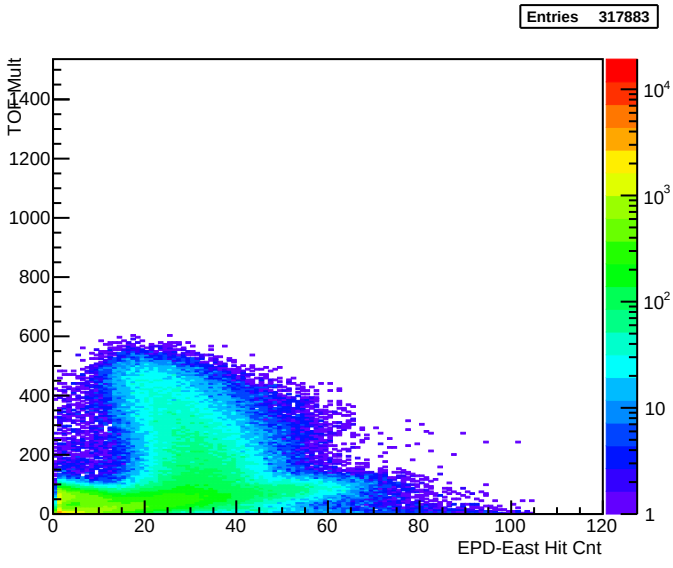

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

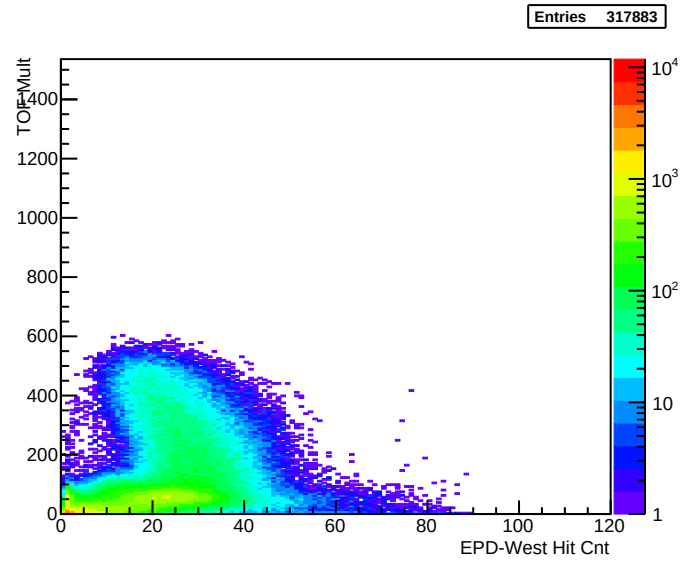

VT201 Input Ch4: VPD Adc Sum Th
Entries 635766
209065
247221
108818
70662
East
West

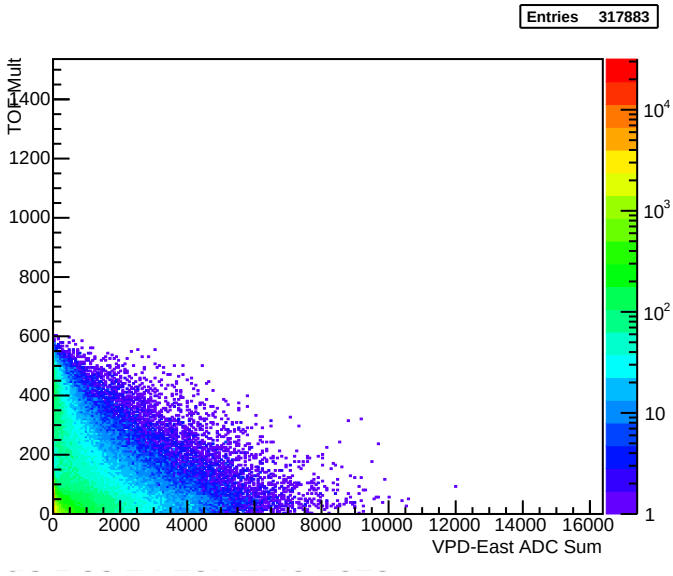

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

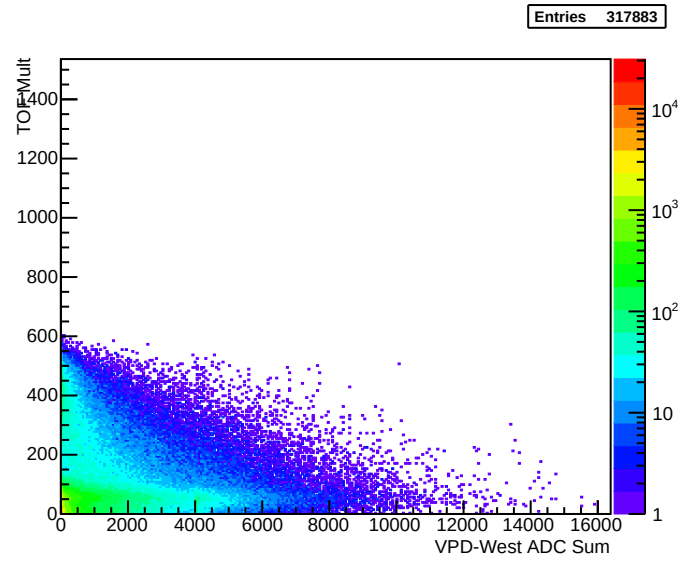

Entries 317883
TOF-Mult
BBC-S-East ADC Sum

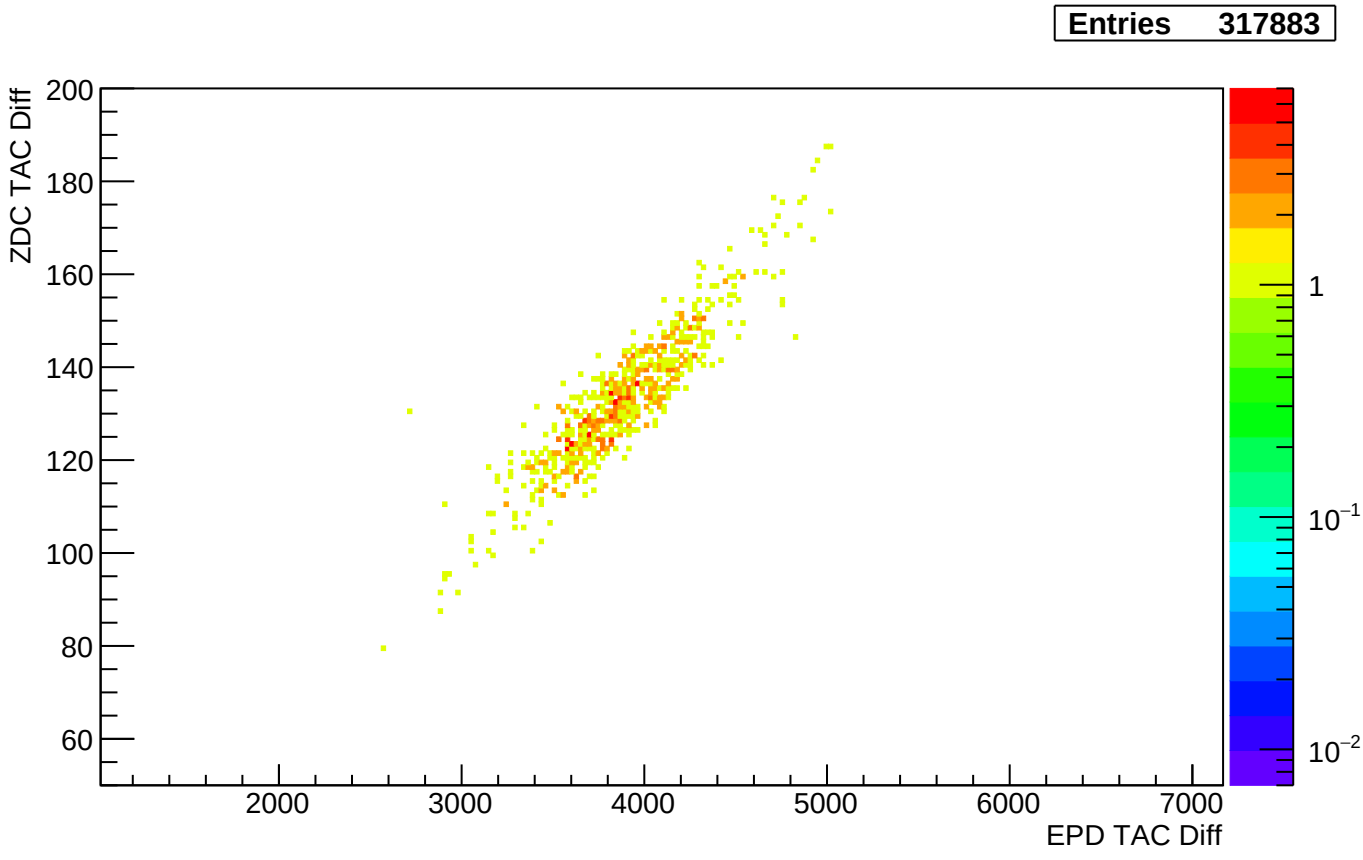

Entries 317883
TOF-Mult
BBC-S-West ADC Sum

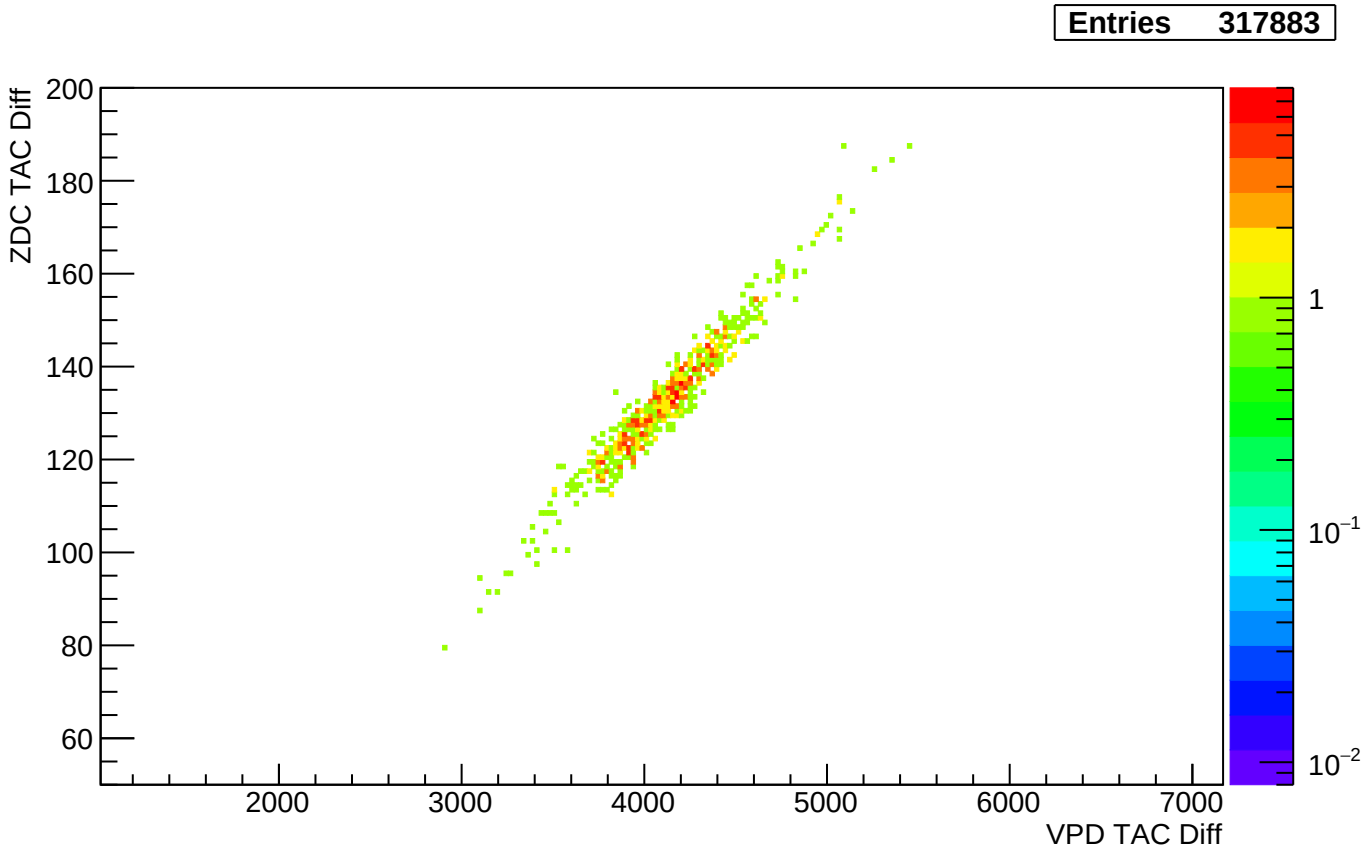

Entries 317883
TOF-Mult
EPD-East Hit Cnt

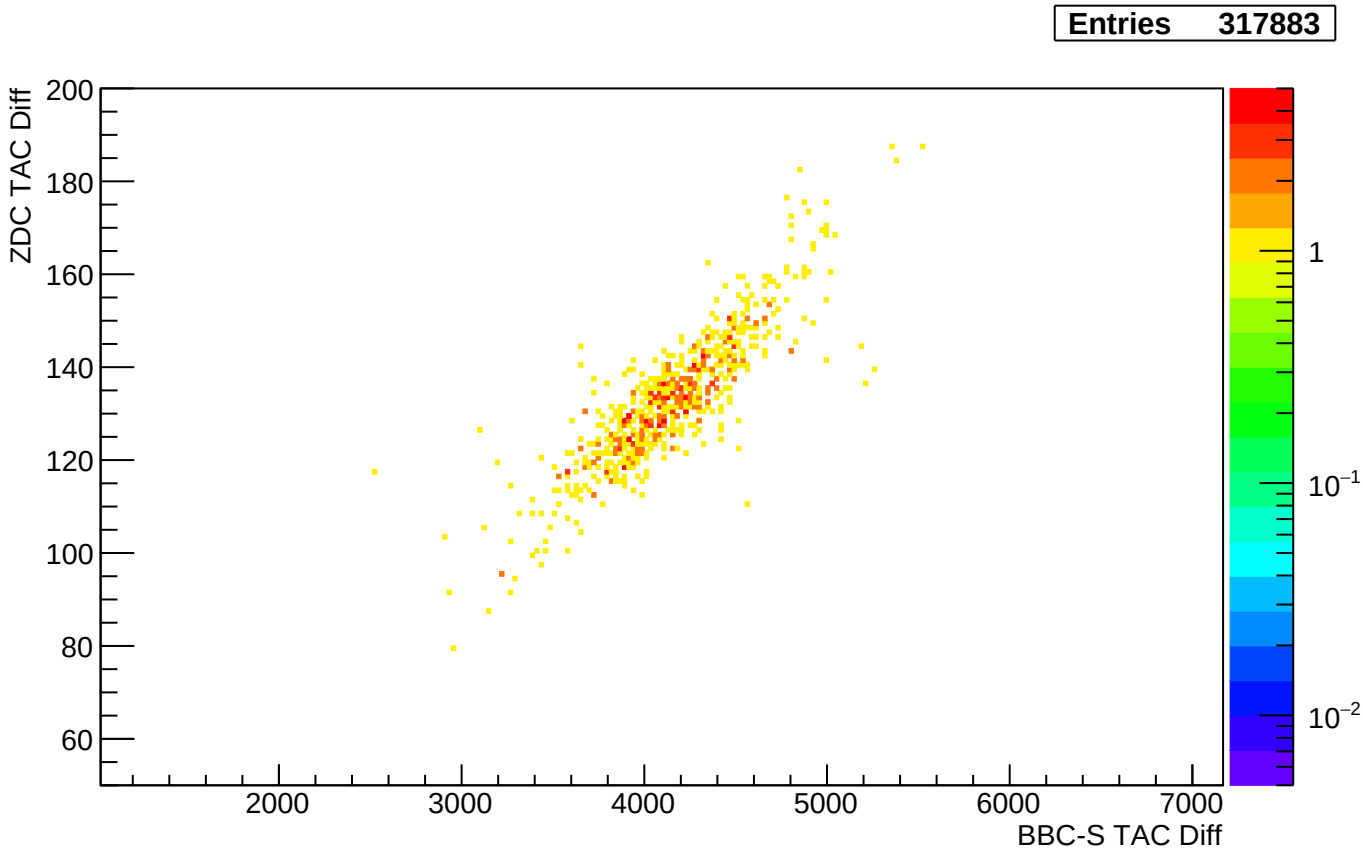

Entries 317883
TOF-Mult
EPD-West Hit Cnt

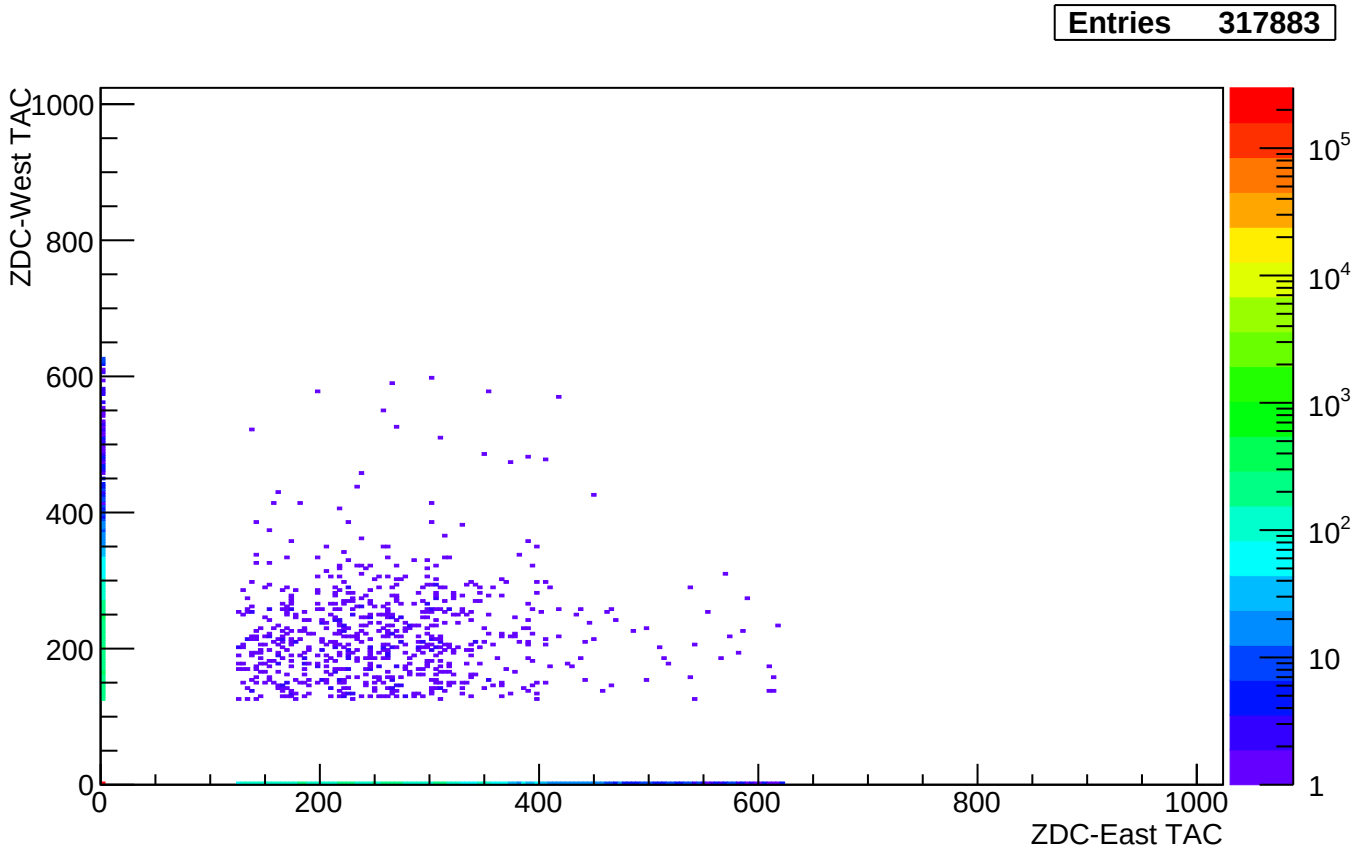

Entries 317883
TOF-Mult
VPD-East ADC Sum

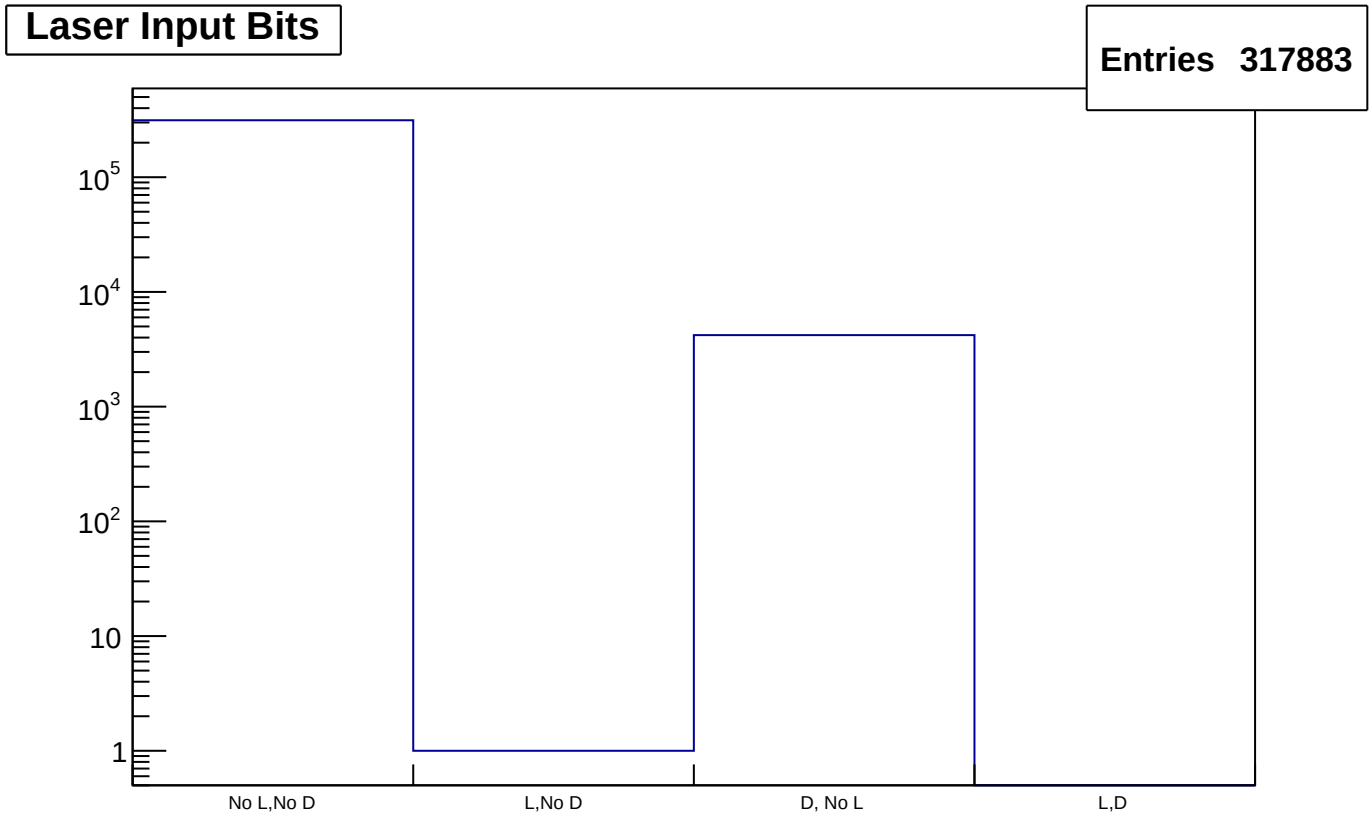

Entries 317883
TOF-Mult
VPD-West ADC Sum

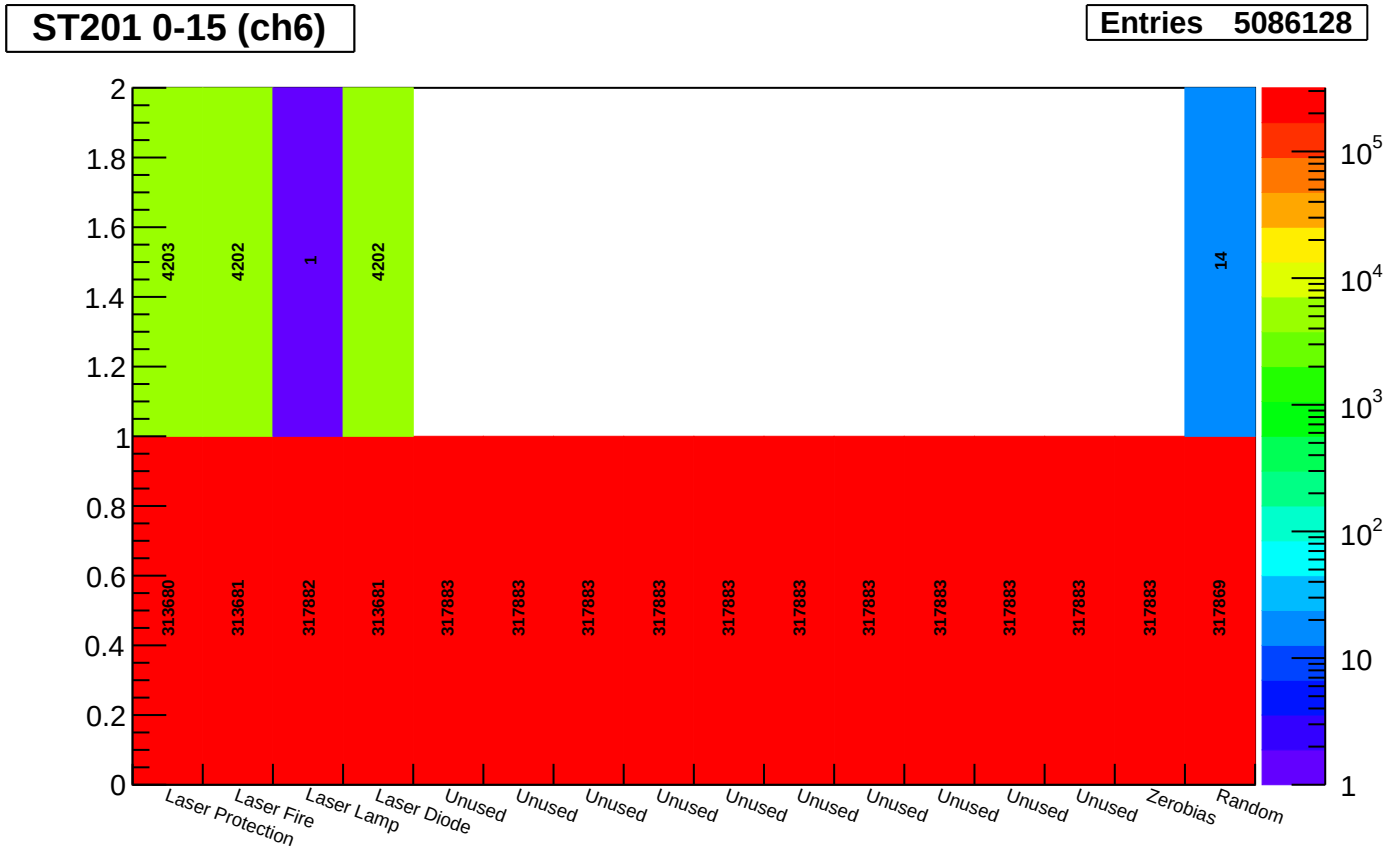

Entries 317883
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

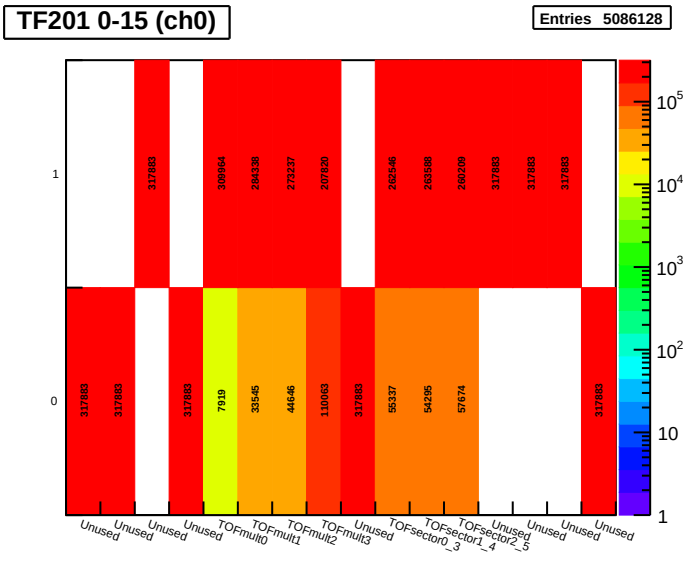

Entries 317883
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

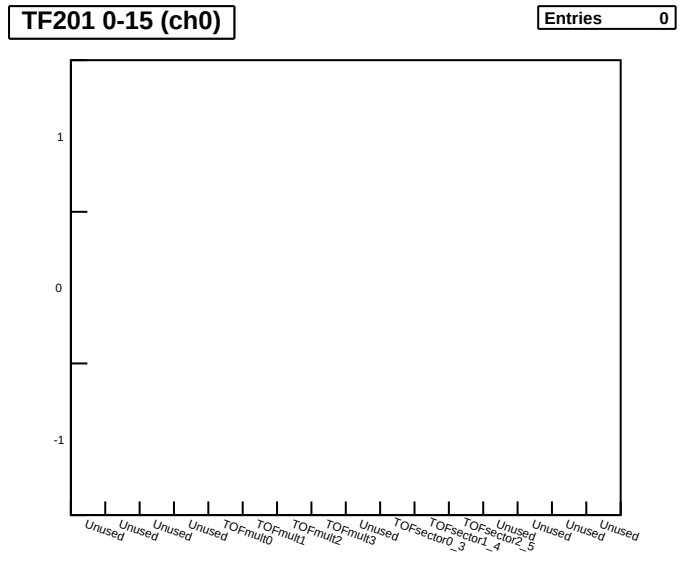

Entries 317883
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

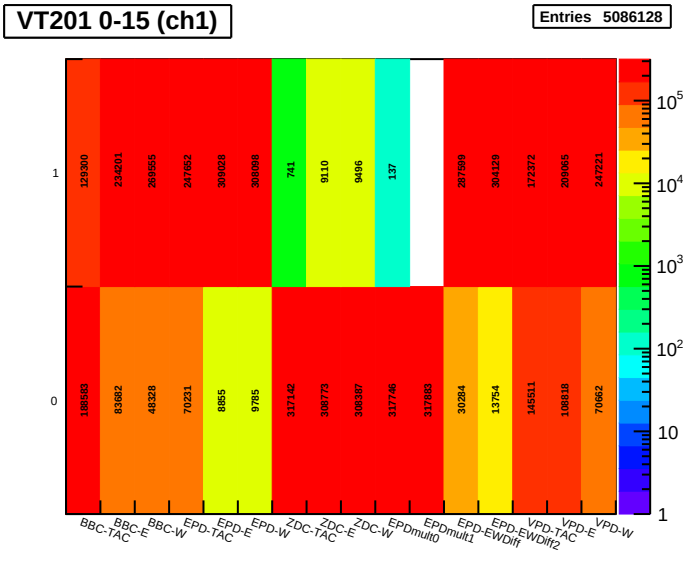

Entries 317883
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

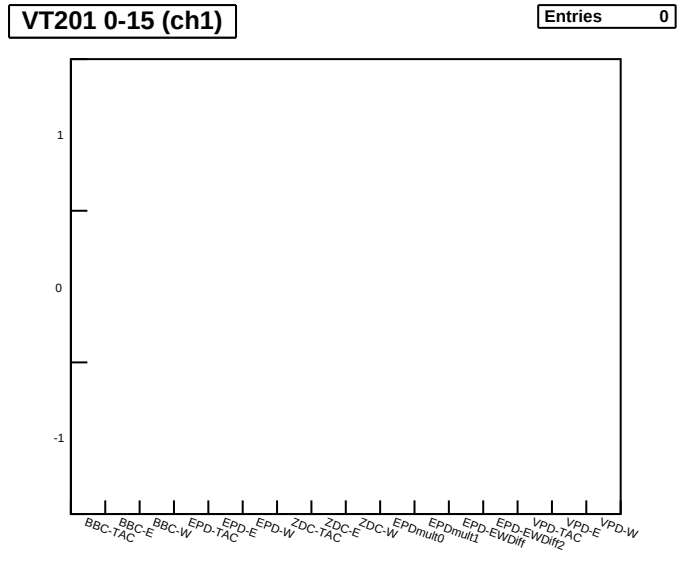

Laser Input Bits
Entries 317883
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

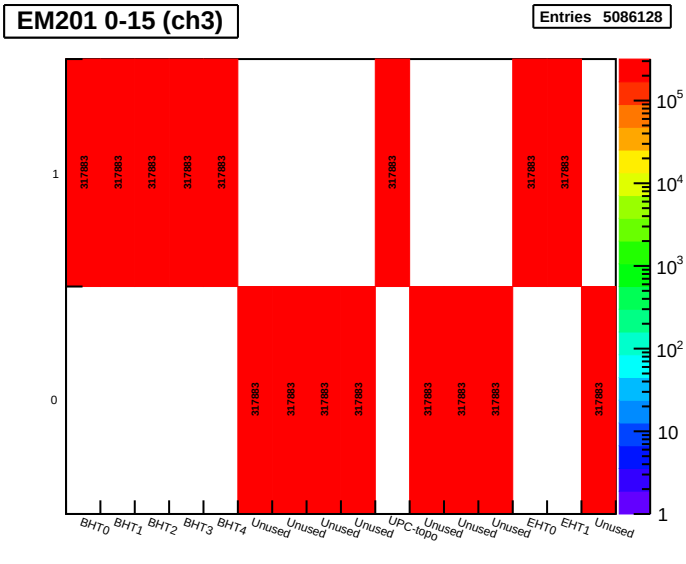

ST201 0-15 (ch6)
Entries 5086128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4203
4202
1
4202
14
313680
313681
317882
313681
317883
317883
317883
317883
317883
317883
317883
317883
317883
317883
317883
317869
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

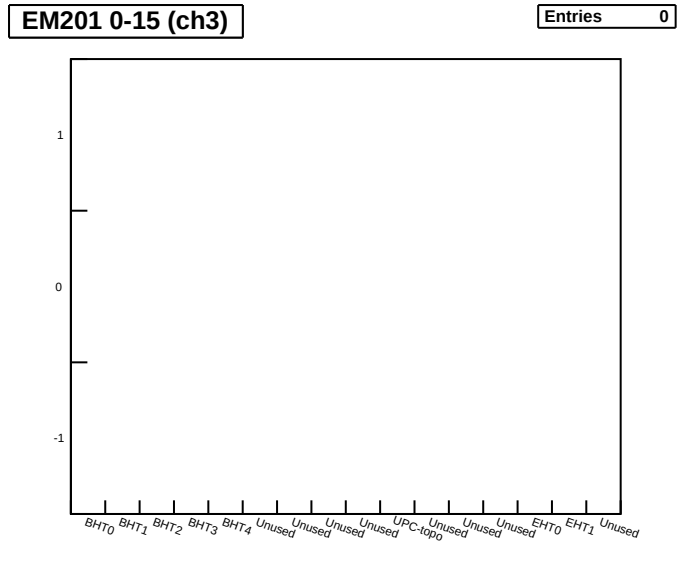

TF201 0-15 (ch0)
Entries 5086128
317883 309964 294338 272237 207820 262546 263588 260209 317883 317883 317883
317883 317883 317883 7919 33545 44646 110063 317883 55337 54295 57674 317883
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


TF201 0-15 (ch0)
Entries 0
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


VT201 0-15 (ch1)
Entries 5086128
129300 234201 269555 247652 309028 308098 741 9110 9496 137 287599 304129 172372 209065 247221
188583 83682 48328 70231 8855 9785 317142 308773 308387 317746 317883 30284 13754 145511 108818 70662
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


VT201 0-15 (ch1)
Entries 0
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 5086128
317883 317883 317883 317883 317883 317883 317883 317883
317883 317883 317883 317883 317883 317883 317883 317883
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused