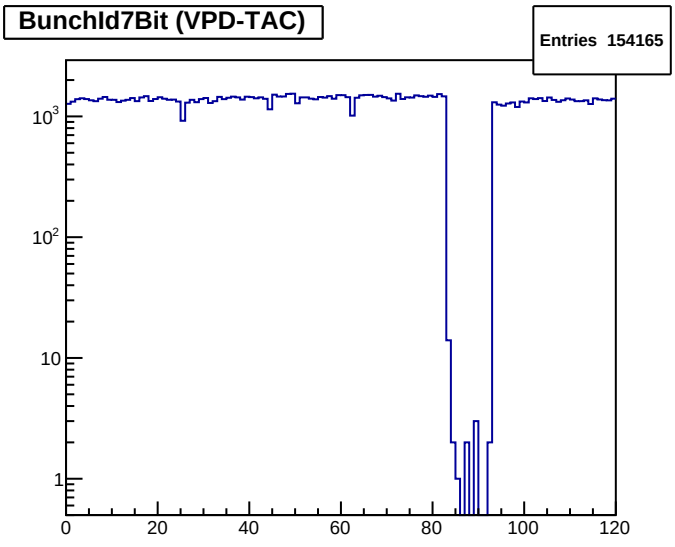
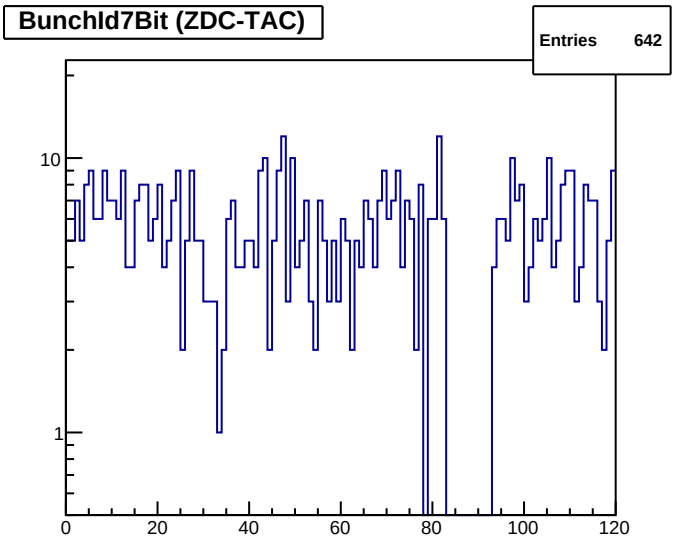
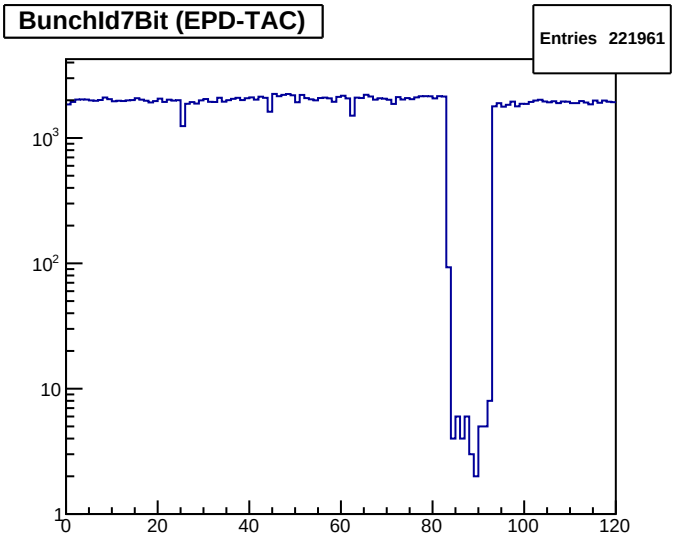
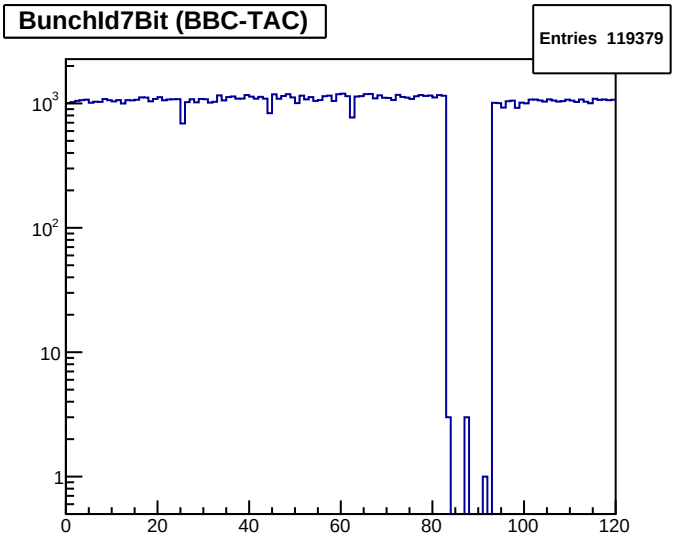
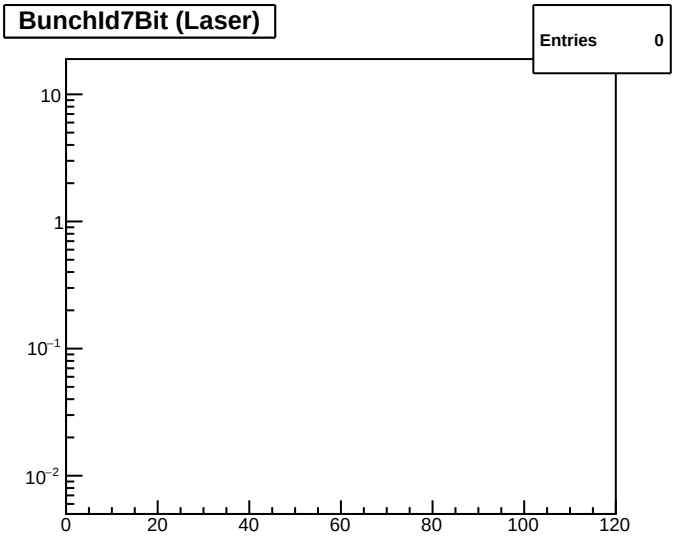
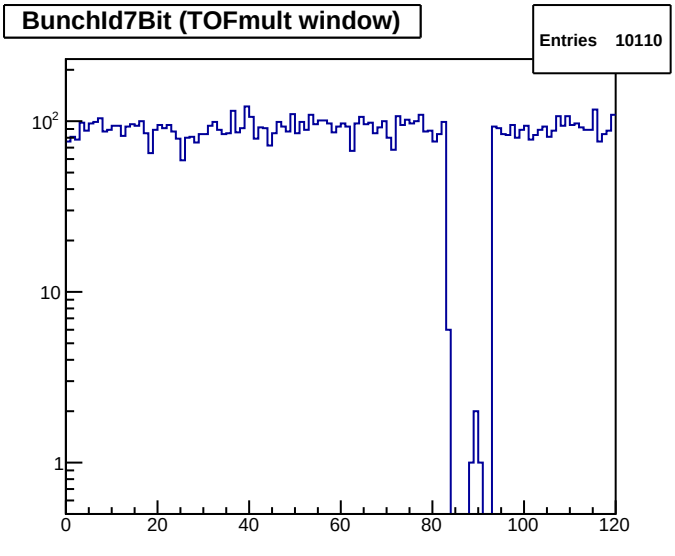

BunchId7Bit (VPD-TAC)
Entries 154165

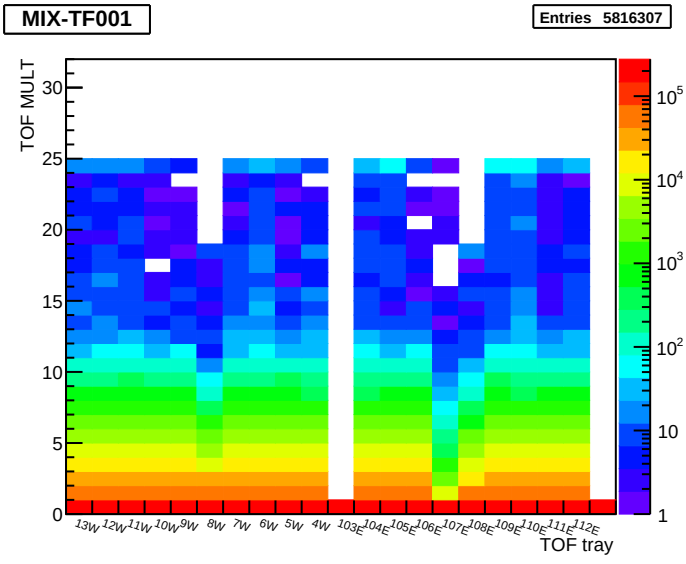

BunchId7Bit (ZDC-TAC)
Entries 642

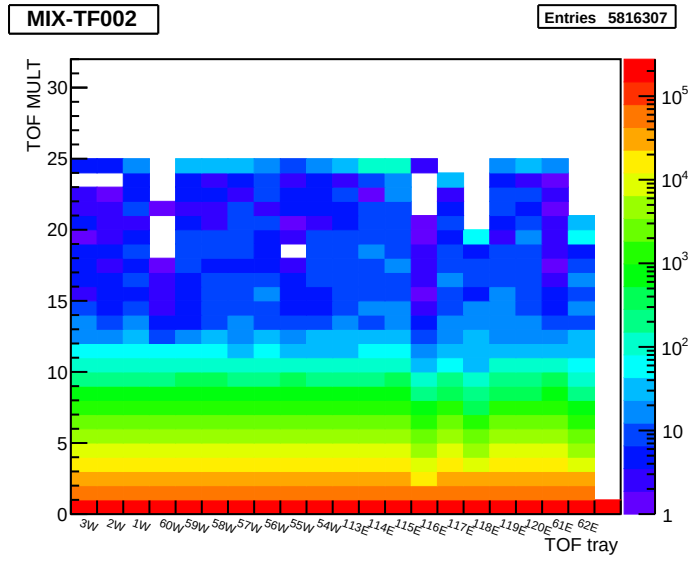

BunchId7Bit (EPD-TAC)
Entries 221961

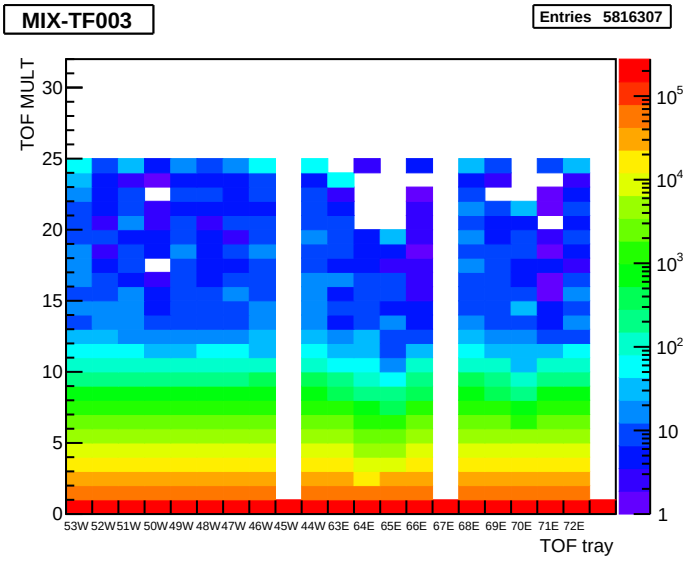

BunchId7Bit (BBC-TAC)
Entries 119379

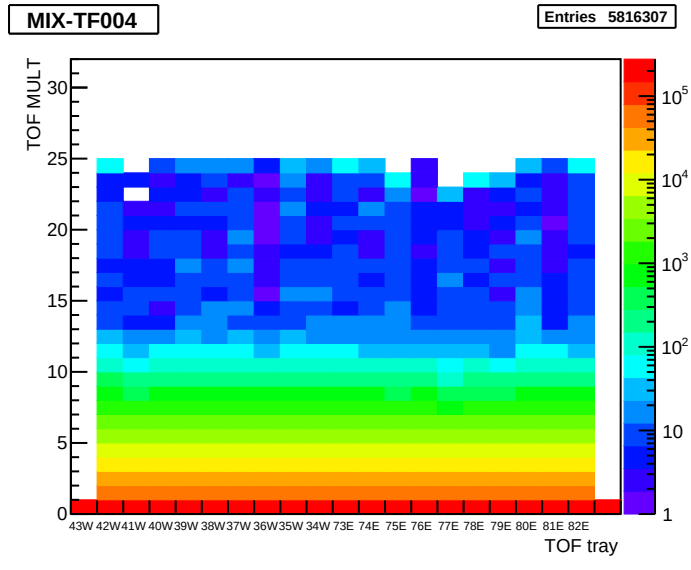

BunchId7Bit (Laser)
Entries 0

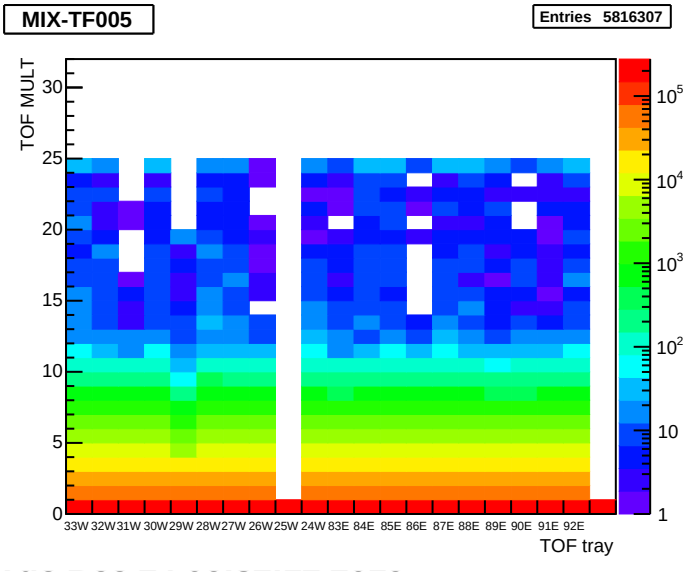

BunchId7Bit (TOFmult window)
Entries 10110

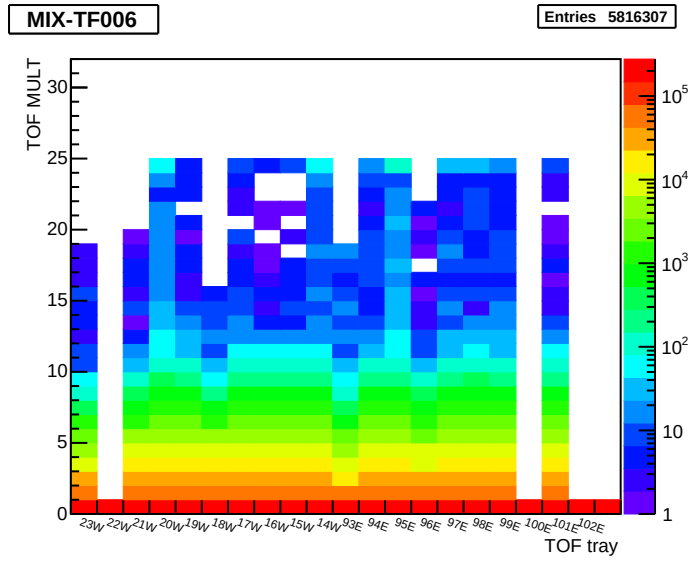

MIX-TF001
Entries 5816307
TOF MULT
TOF tray

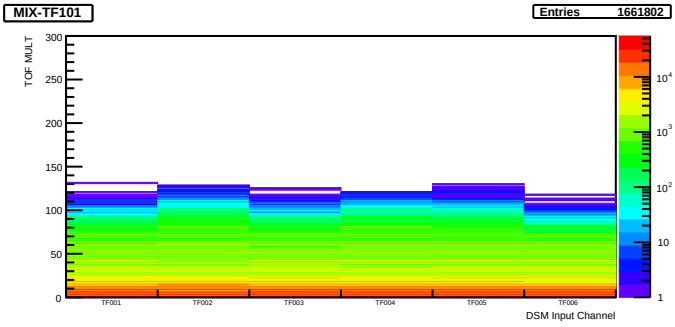

MIX-TF002
Entries 5816307
TOF MULT
TOF tray

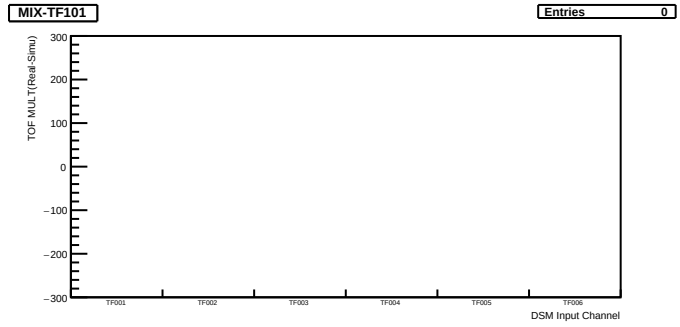

MIX-TF003
Entries 5816307
TOF MULT
TOF tray

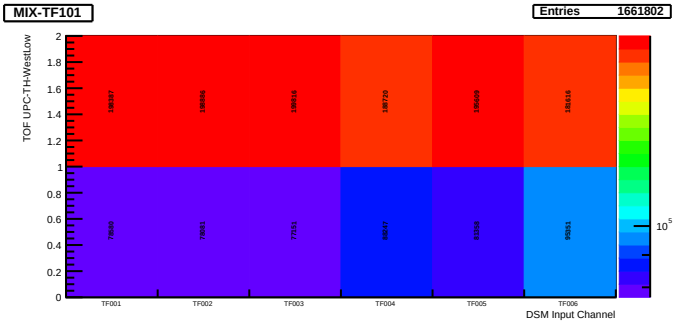

MIX-TF004
Entries 5816307
TOF MULT
TOF tray

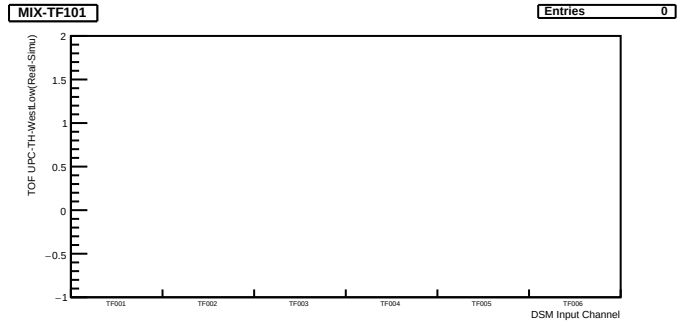

MIX-TF005
Entries 5816307
TOF MULT
TOF tray

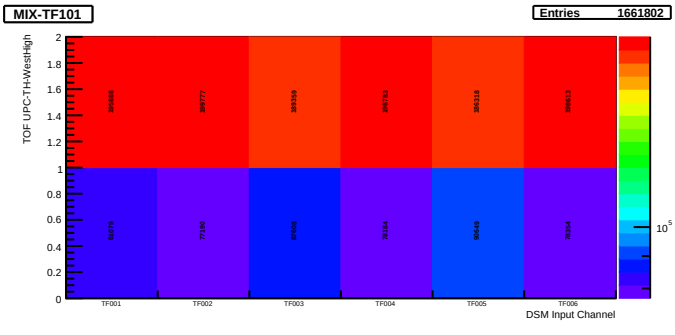

MIX-TF006
Entries 5816307
TOF MULT
TOF tray

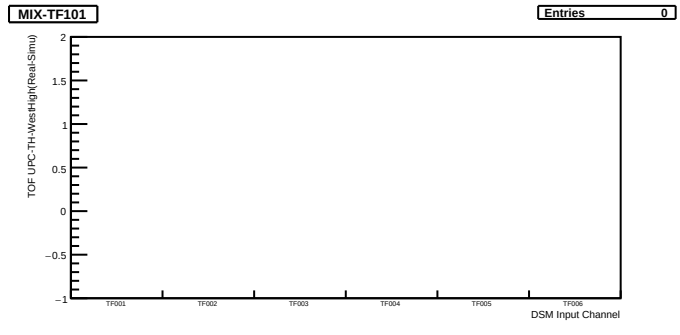

MIX-TF101
Entries 1661802
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

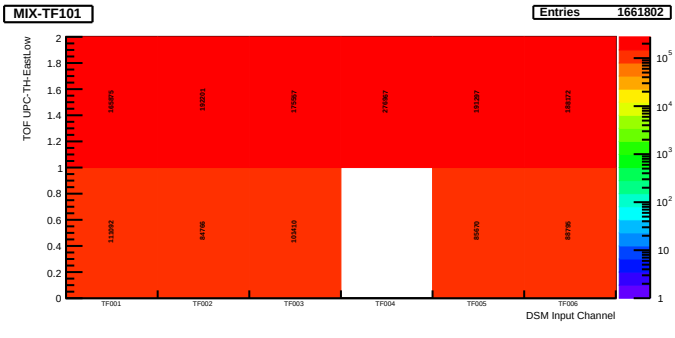

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

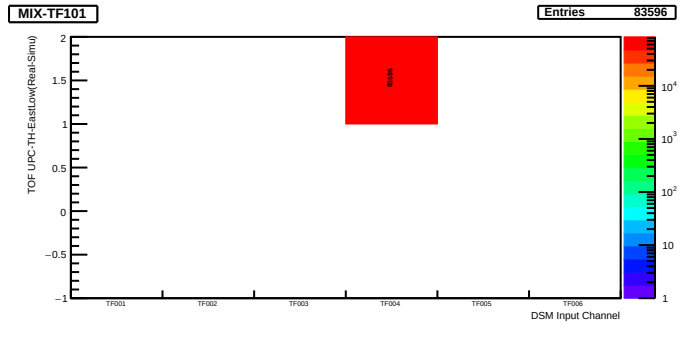

MIX-TF101
Entries 1661802
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

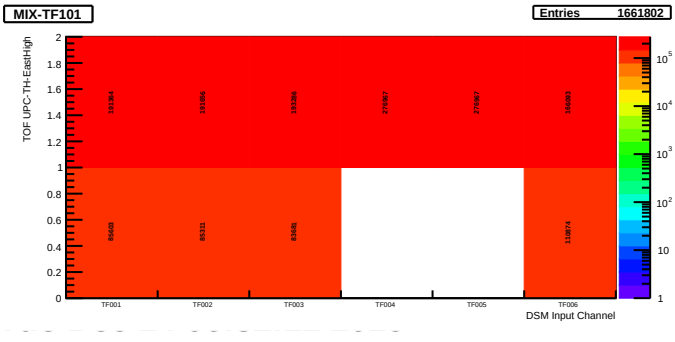

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

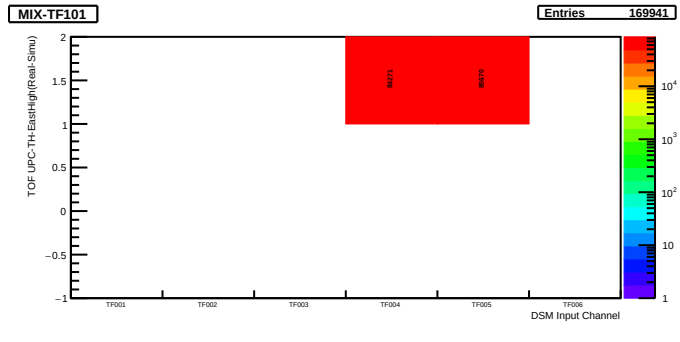

MIX-TF101
Entries 1661802
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

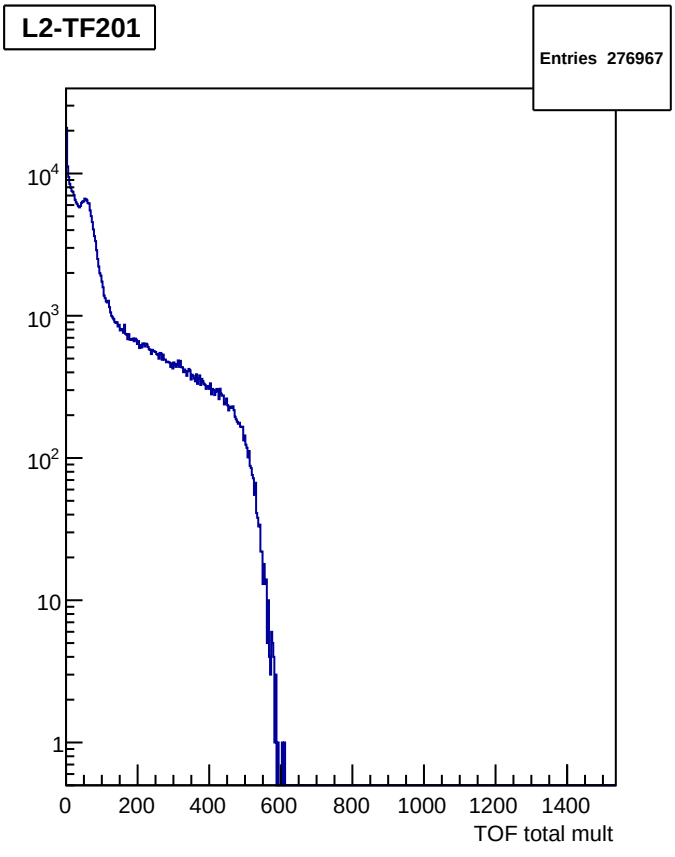

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

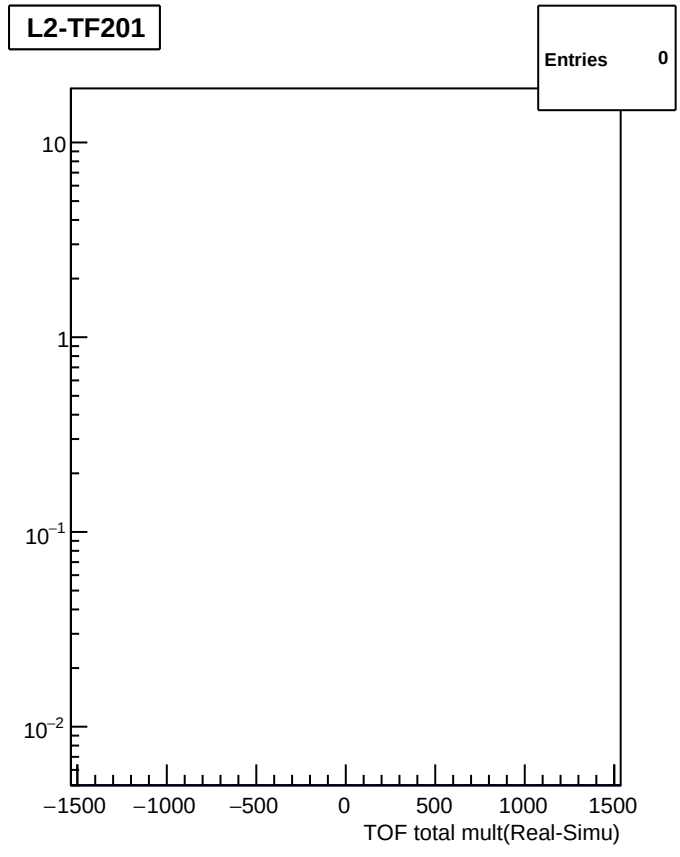

MIX-TF101
Entries 1661802
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

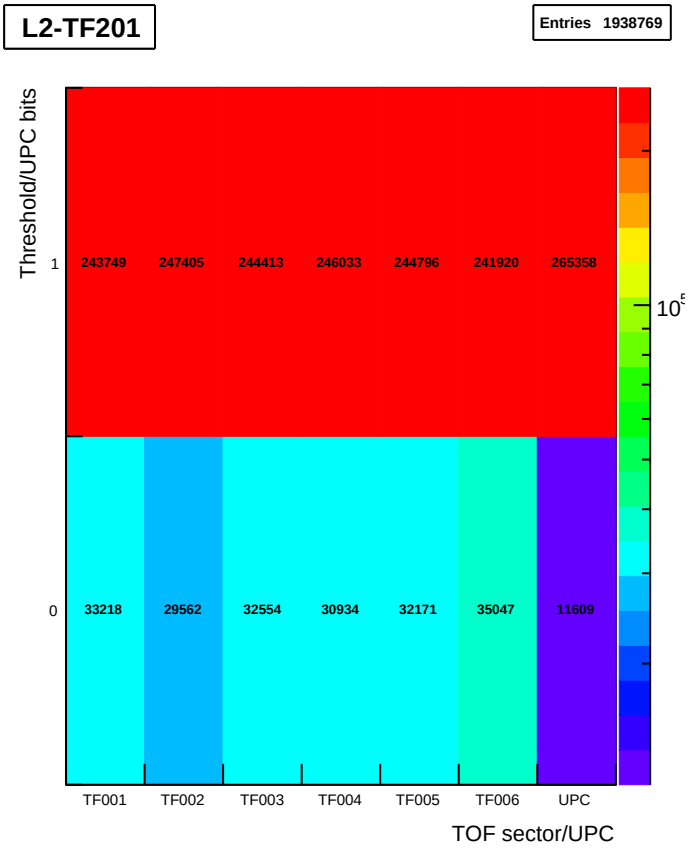

MIX-TF101
Entries 83596
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

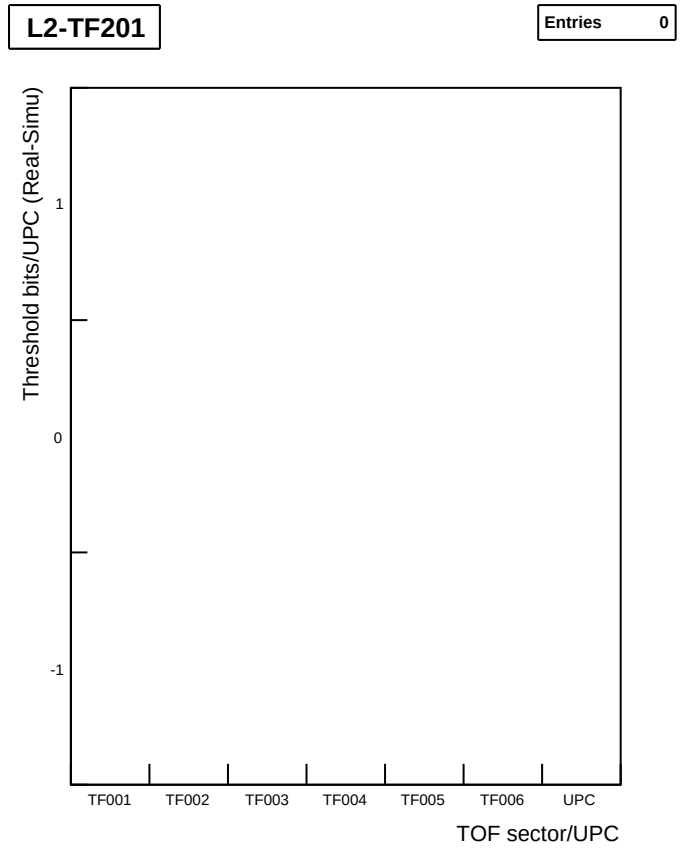

MIX-TF101
Entries 1661802
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

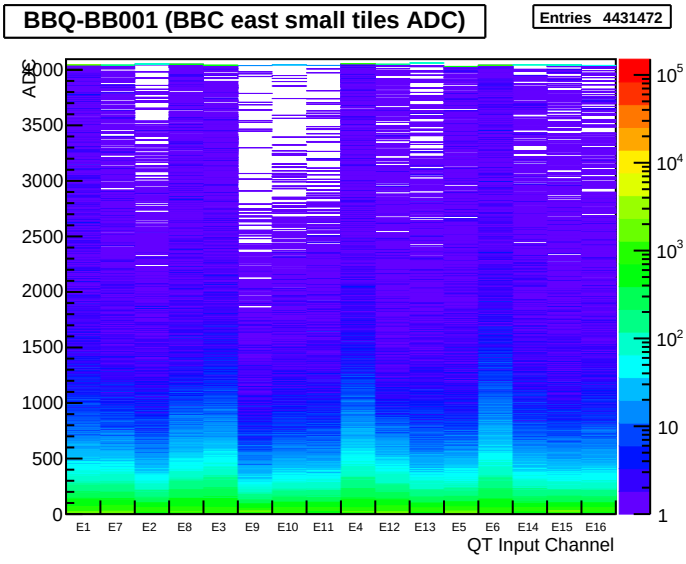

MIX-TF101
Entries 169941
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

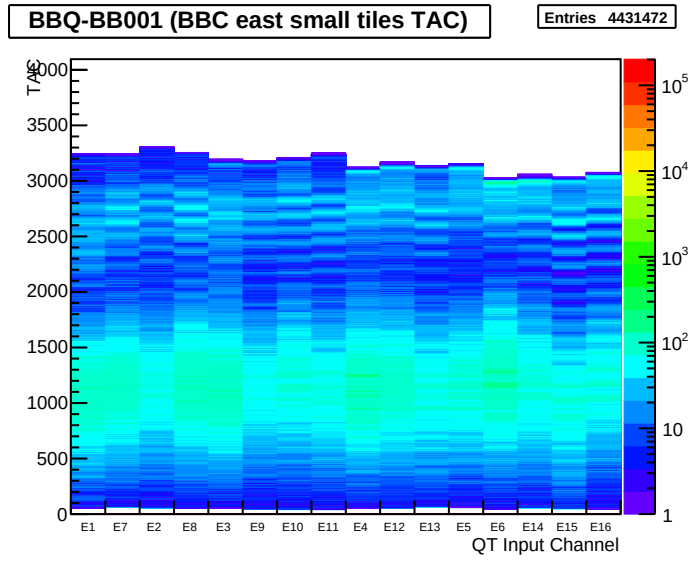

L2-TF201
Entries 276967
TOF total mult

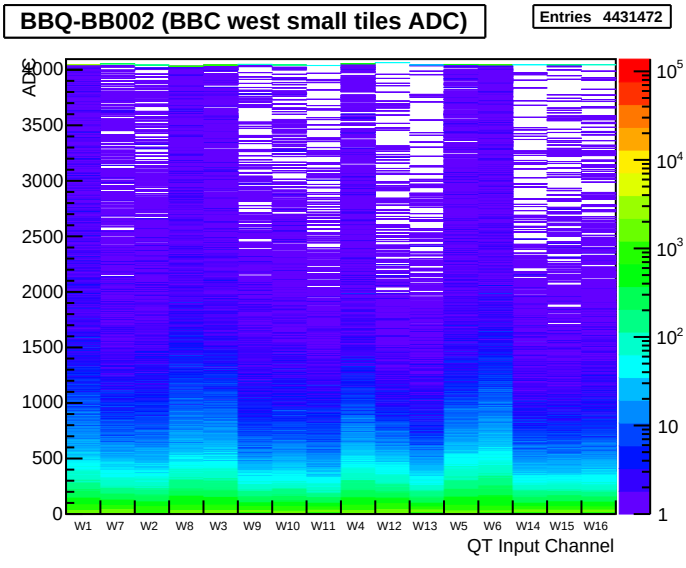

L2-TF201
Entries 0
TOF total mult(Real-Simu)

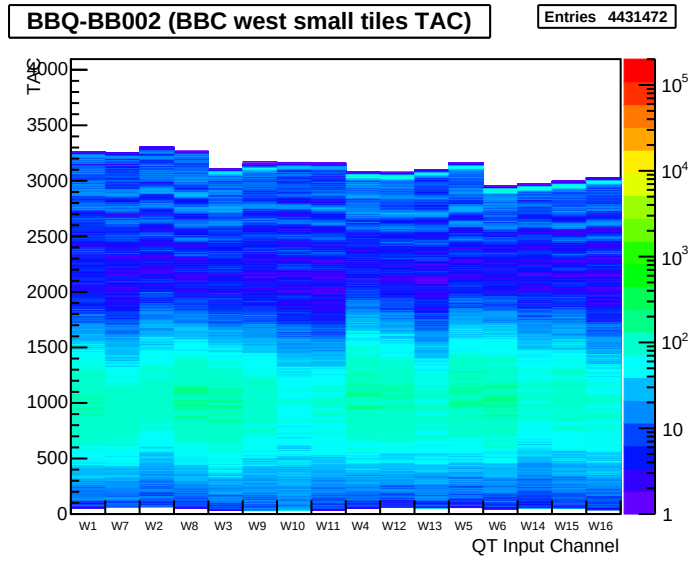

L2-TF201
Entries 1938769
Threshold/UPC bits
243749
247405
244413
246033
244796
241920
265358
33218
29562
32554
30934
32171
35047
11609
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

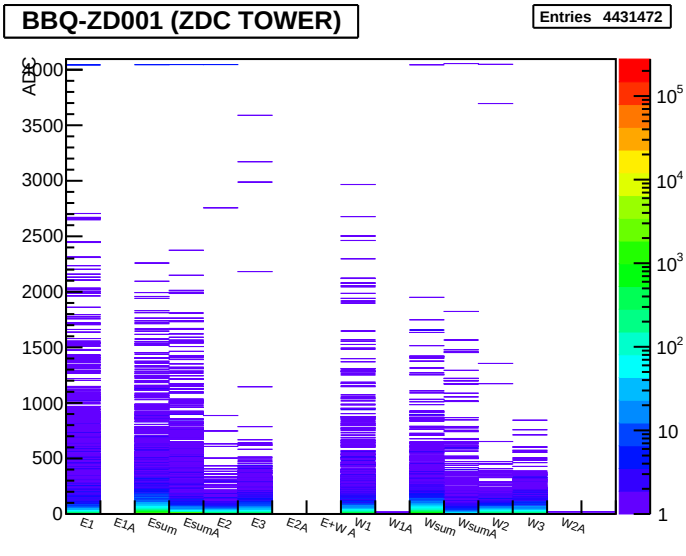

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

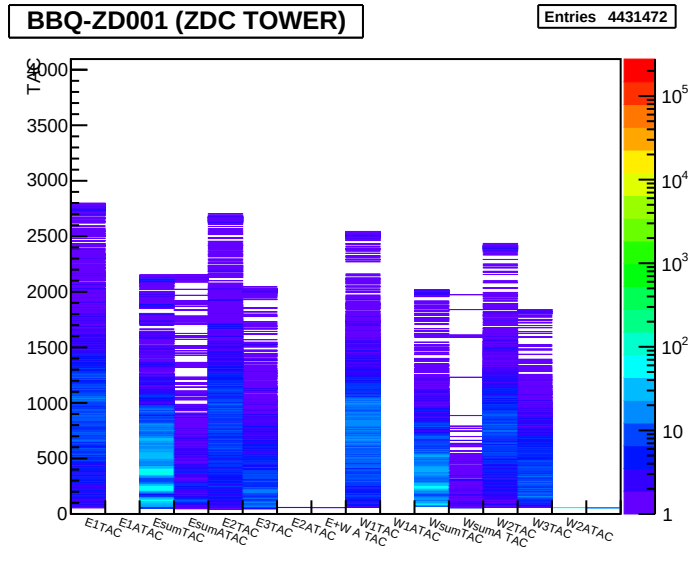

BBQ-BB001 (BBC east small tiles ADC)
Entries 4431472
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

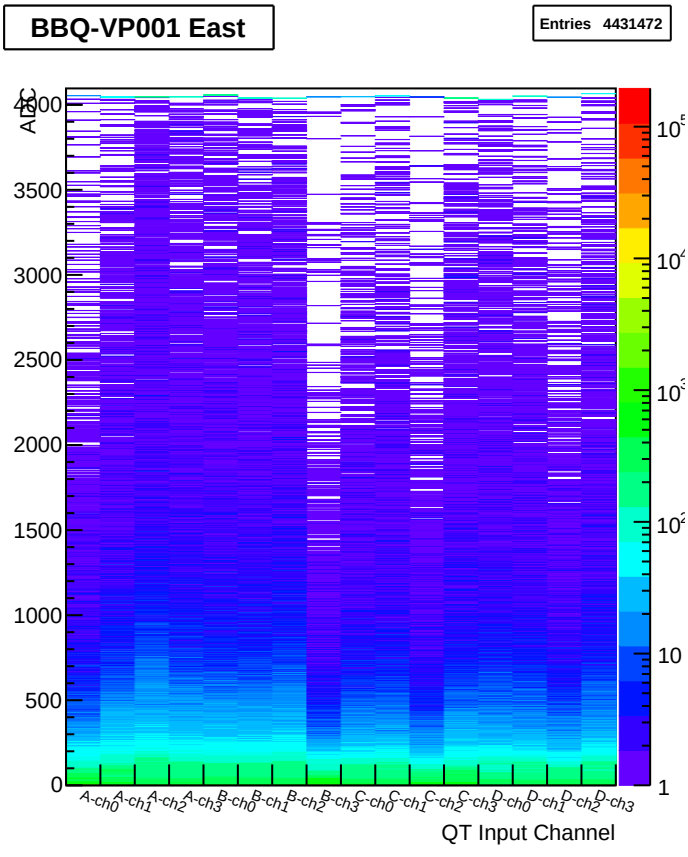

BBQ-BB001 (BBC east small tiles TAC)
Entries 4431472
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

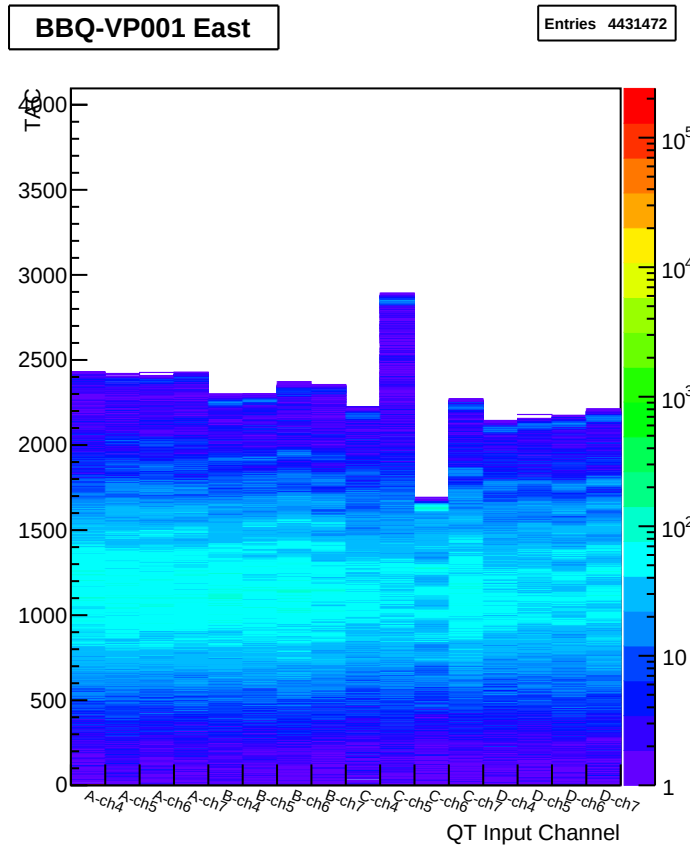

BBQ-BB002 (BBC west small tiles ADC)
Entries 4431472
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

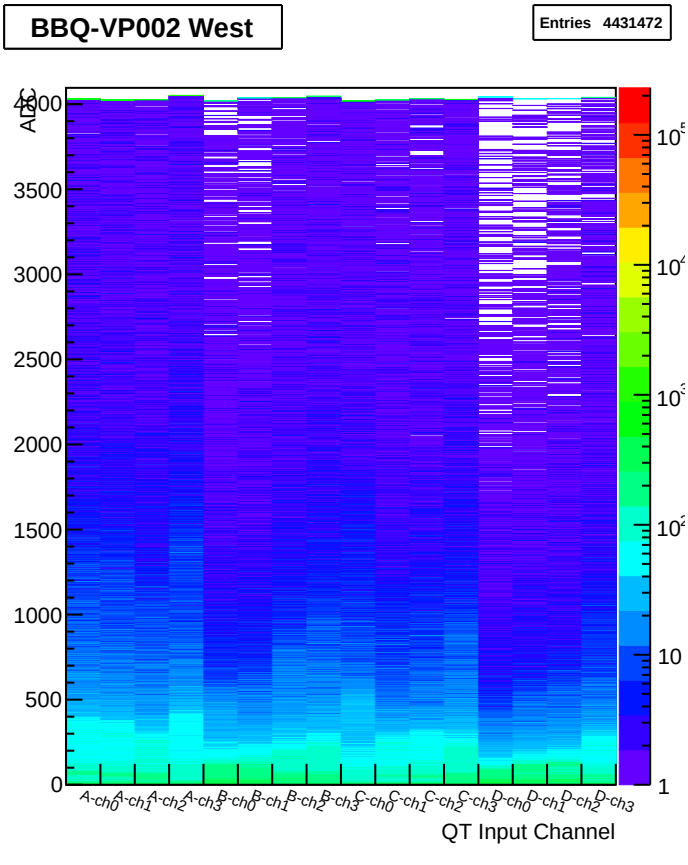

BBQ-BB002 (BBC west small tiles TAC)
Entries 4431472
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

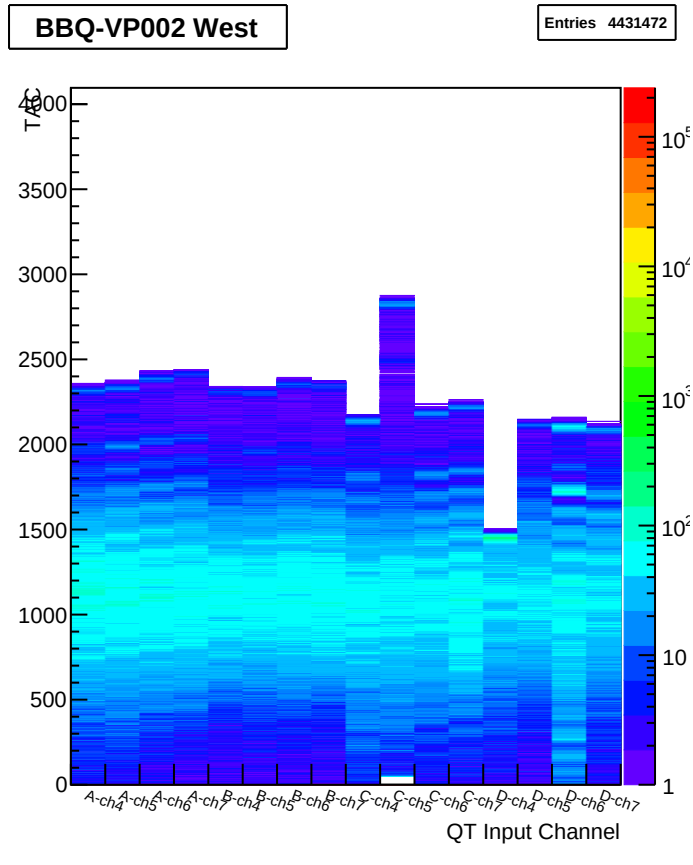

BBQ-ZD001 (ZDC TOWER)
Entries 4431472
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

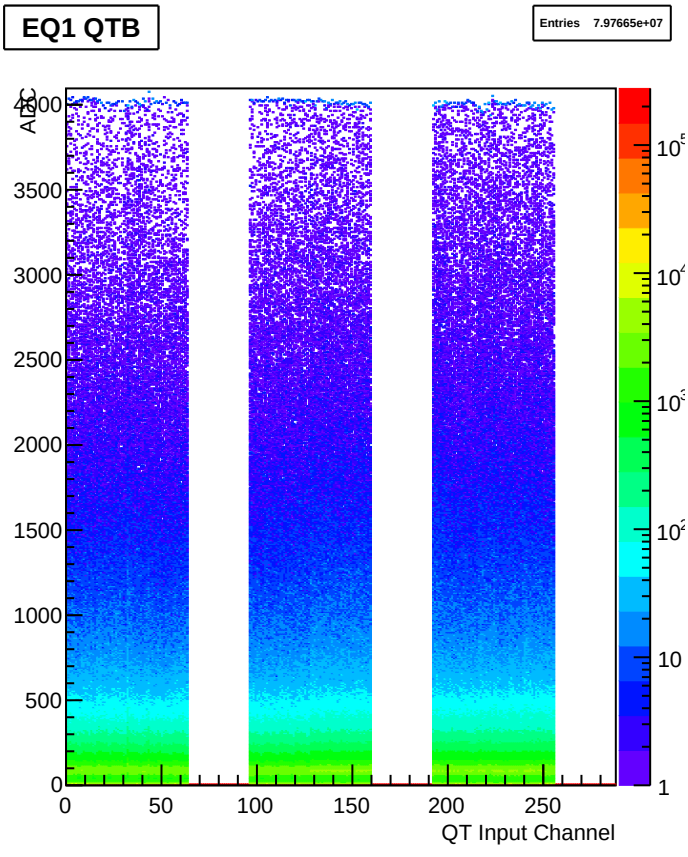

BBQ-ZD001 (ZDC TOWER)
Entries 4431472
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

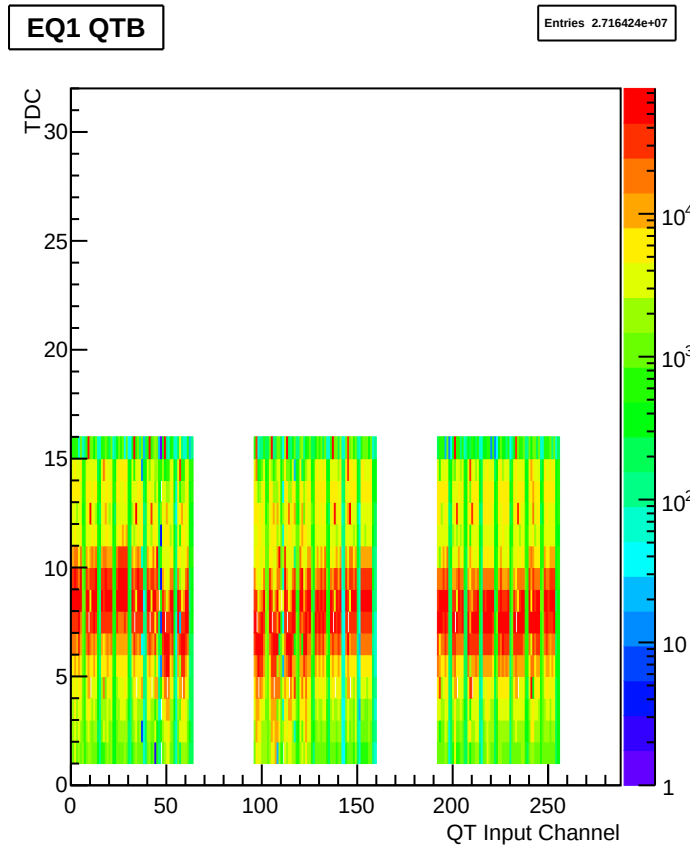

BBQ-VP001 East
Entries 4431472
ADC
QT Input Channel

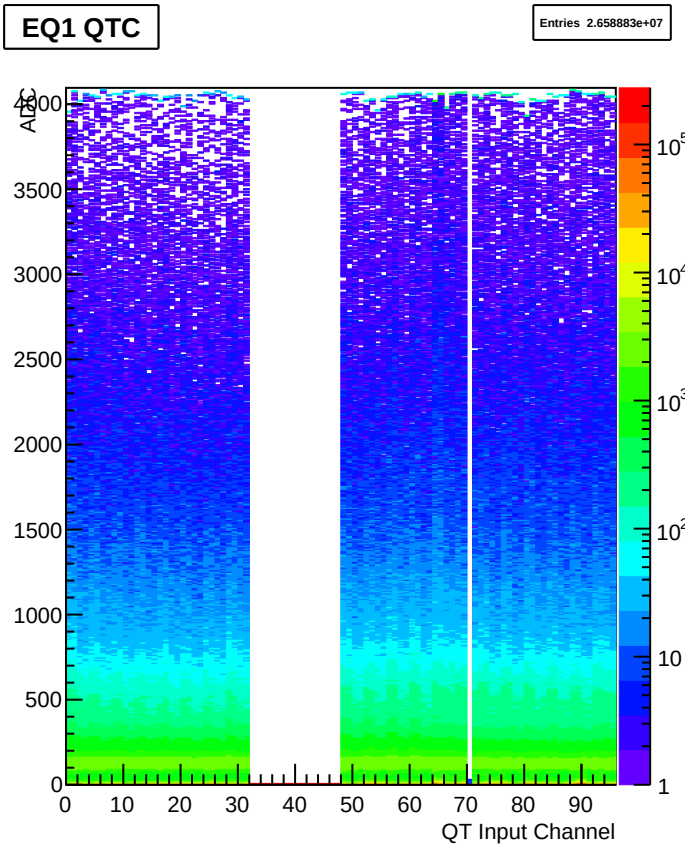

BBQ-VP001 East
Entries 4431472
TADC
QT Input Channel

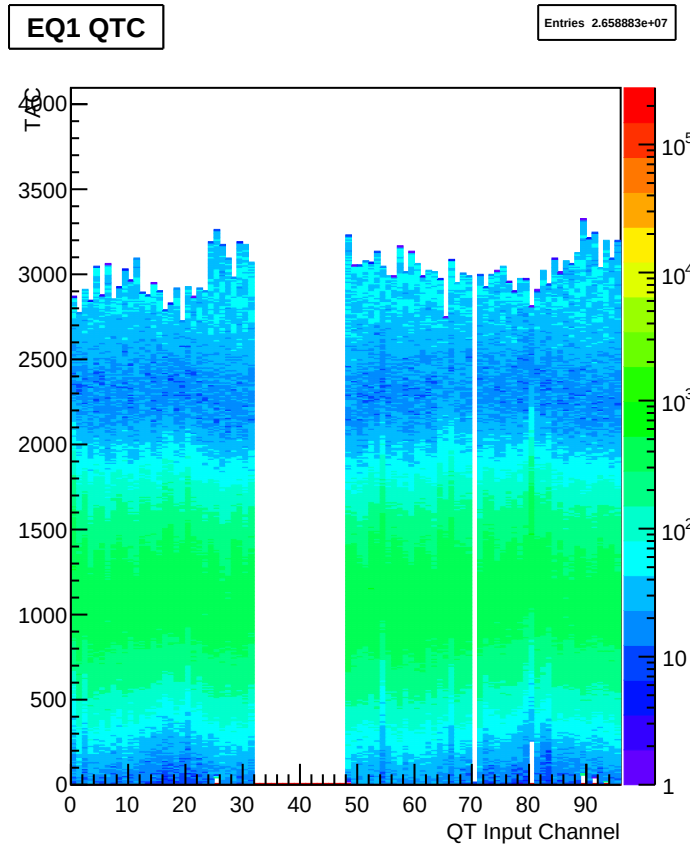

BBQ-VP002 West
Entries 4431472
ADC
QT Input Channel

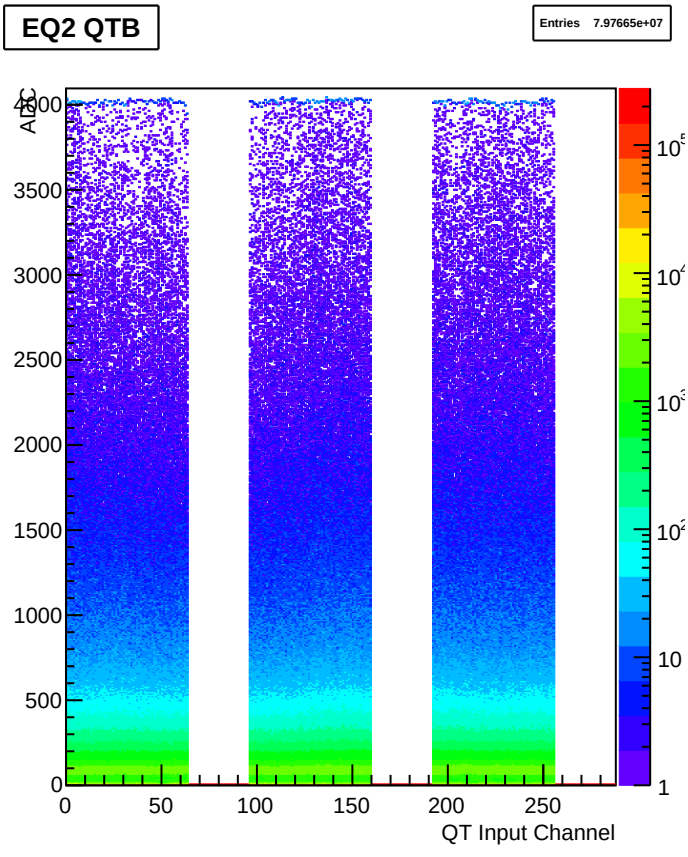

BBQ-VP002 West
Entries 4431472
TADC
QT Input Channel

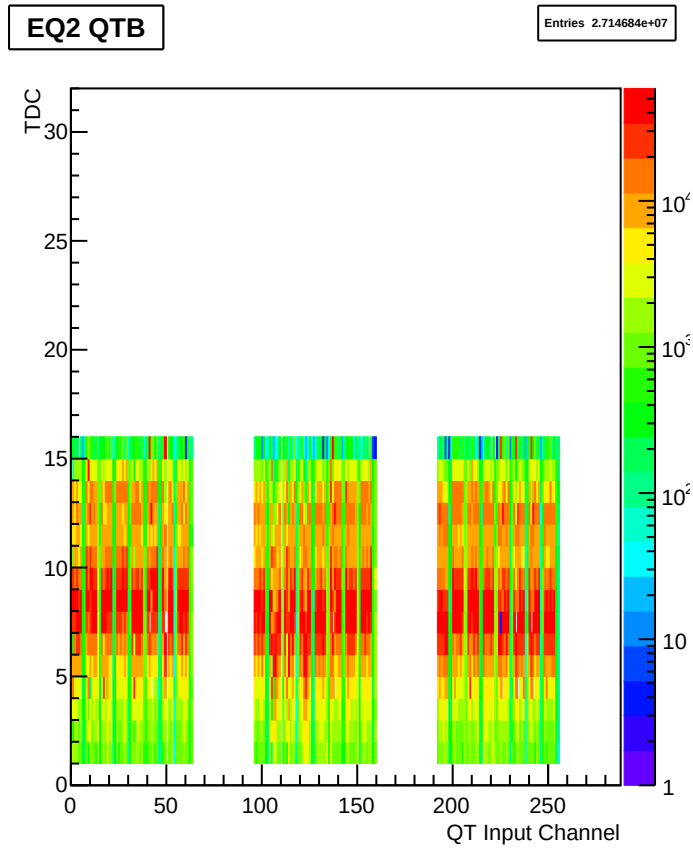

EQ1 QTB
Entries 7.97665e+07
ADC
QT Input Channel

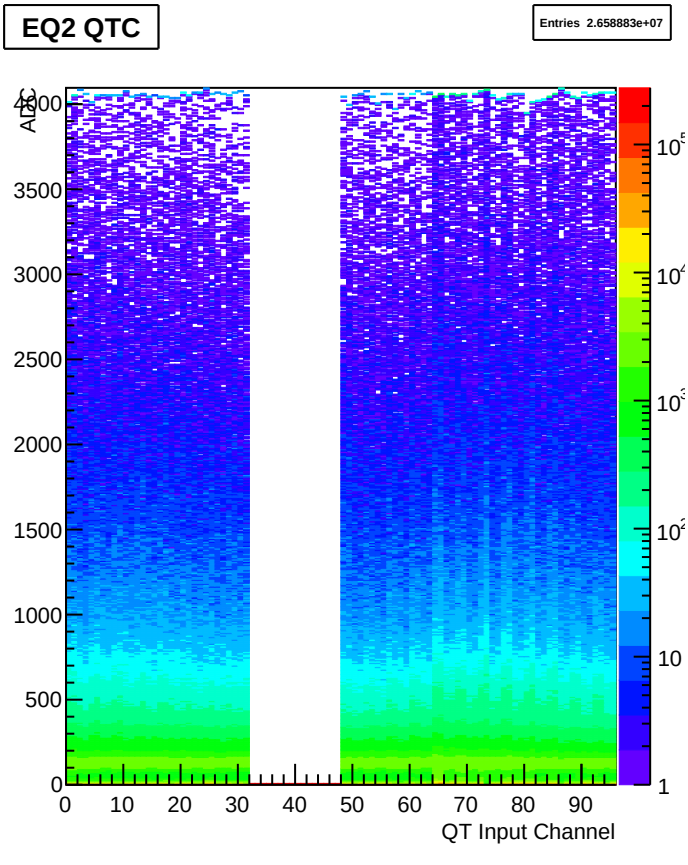

EQ1 QTB
Entries 2.716424e+07
TDC
QT Input Channel

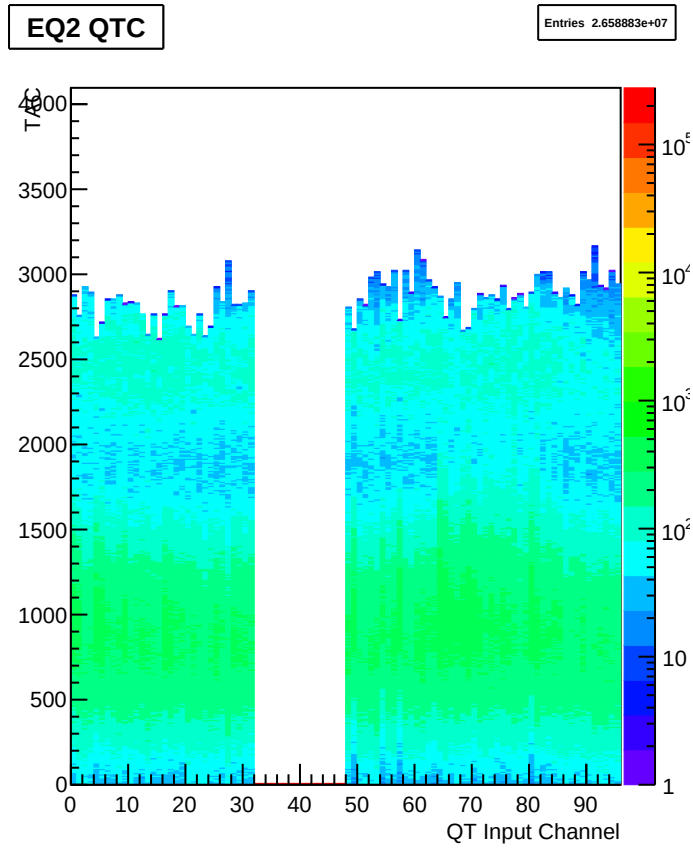

EQ1 QTC
Entries 2.658883e+07
ADC
QT Input Channel

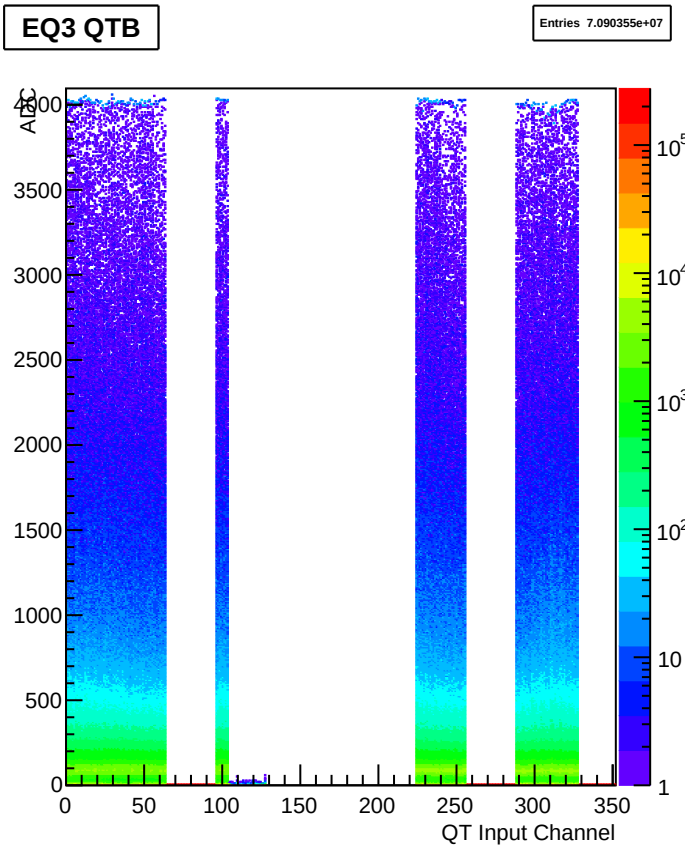

EQ1 QTC
Entries 2.658883e+07
TADC
QT Input Channel

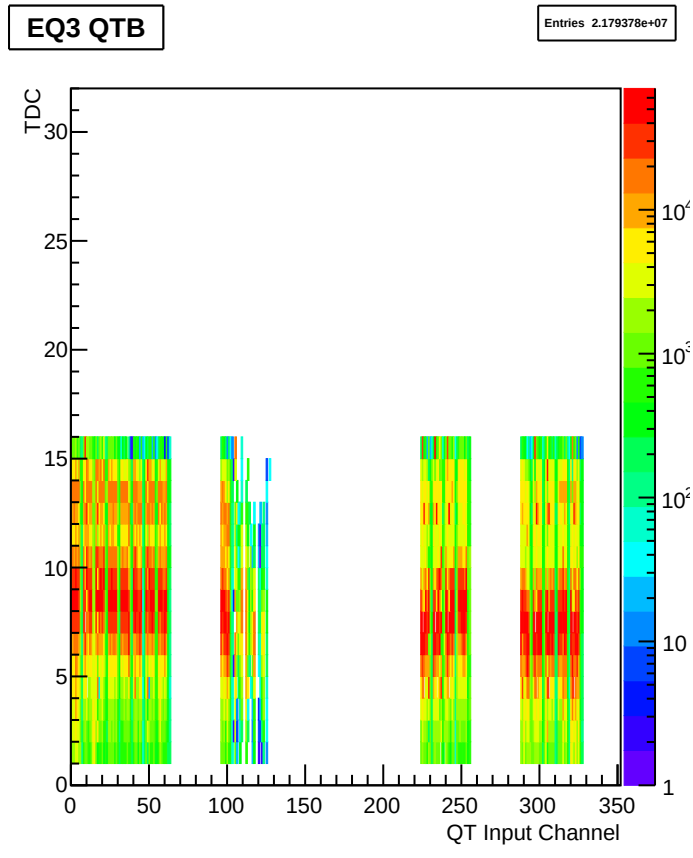

EQ2 QTB
Entries 7.97665e+07
ADC
QT Input Channel

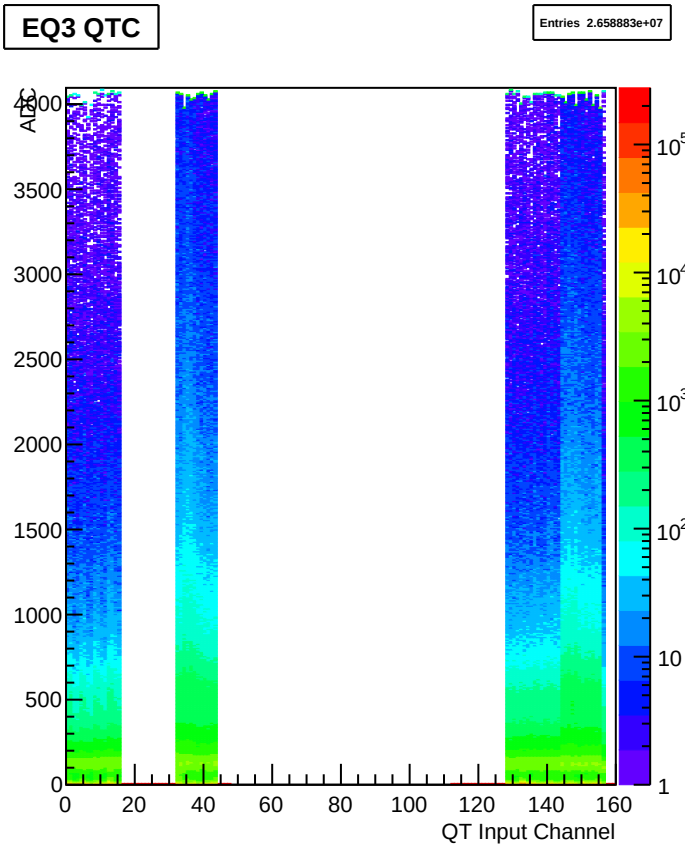

EQ2 QTB
Entries 2.714684e+07
TDC
QT Input Channel

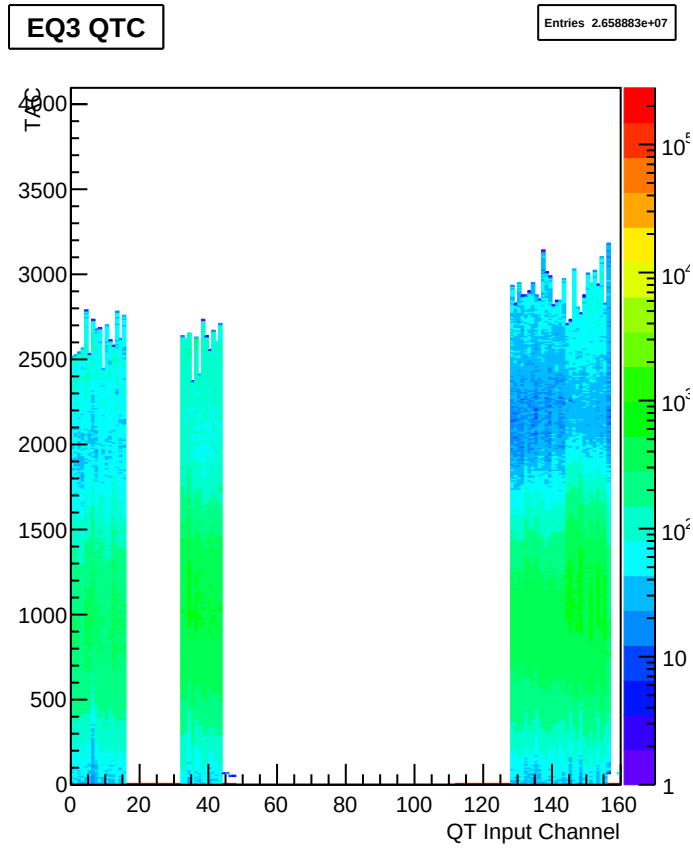

EQ2 QTC
Entries 2.658883e+07
ADC
QT Input Channel

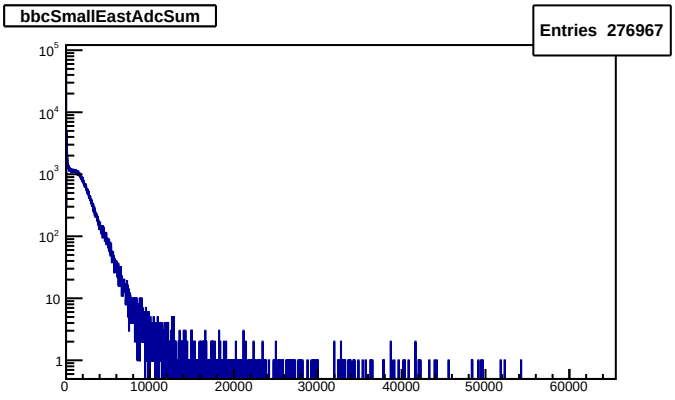

EQ2 QTC
Entries 2.658883e+07
TADC
QT Input Channel

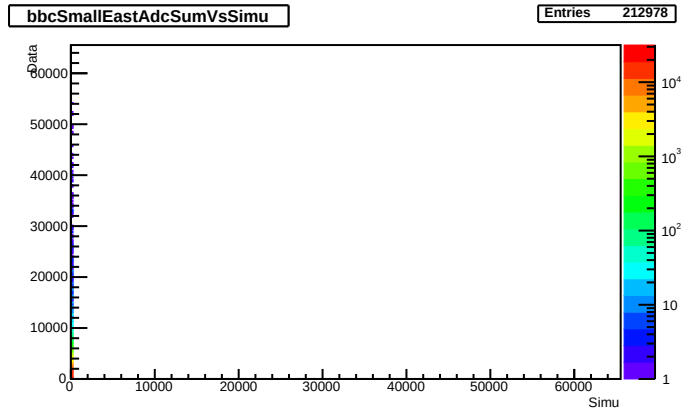

EQ3 QTB
Entries 7.090355e+07
ADC
QT Input Channel

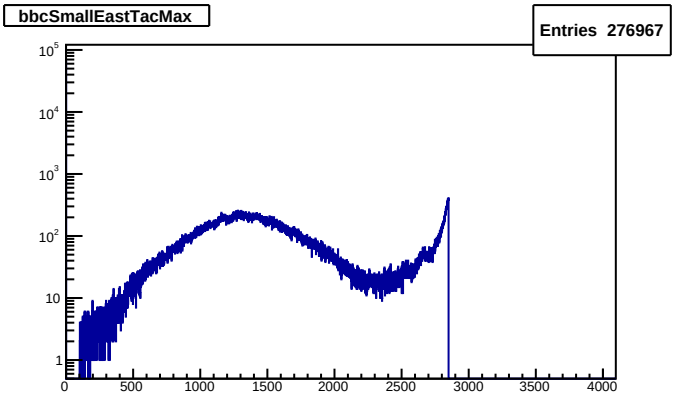

EQ3 QTB
Entries 2.179378e+07
TDC
QT Input Channel

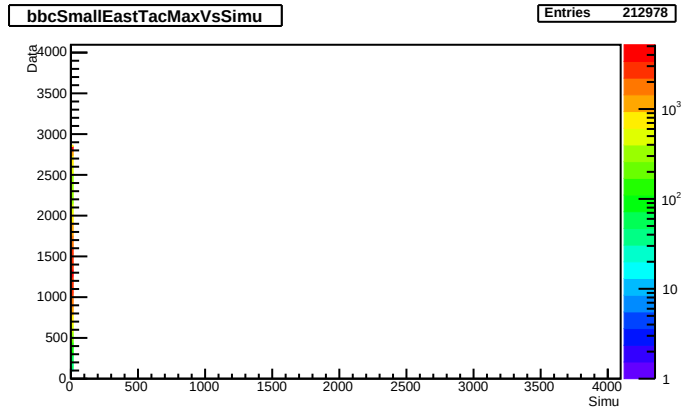

EQ3 QTC
Entries 2.658883e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.658883e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 276967


bbcSmallEastAdcSumVsSimu
Entries 212978
Data
Simu


bbcSmallEastTacMax
Entries 276967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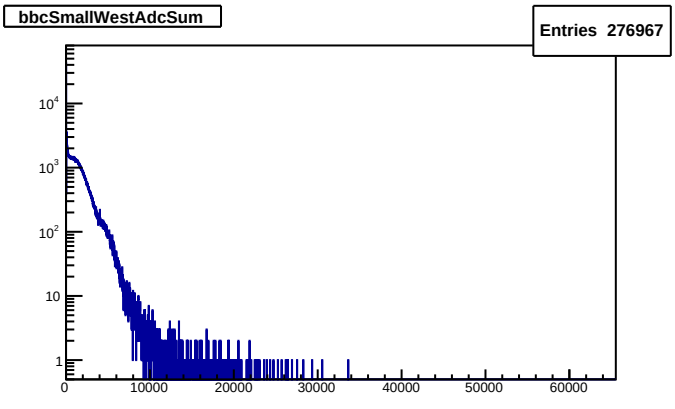
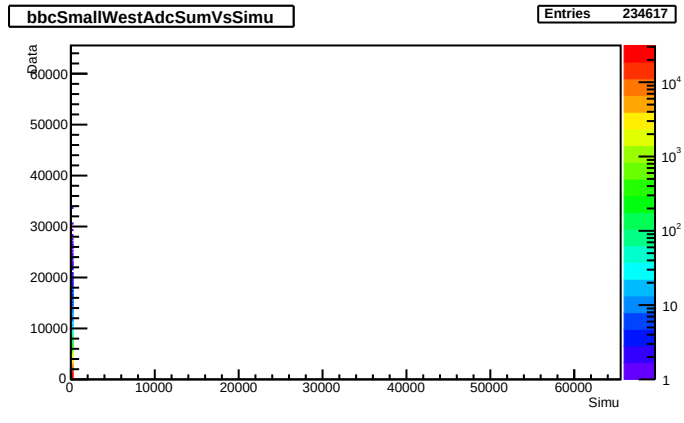
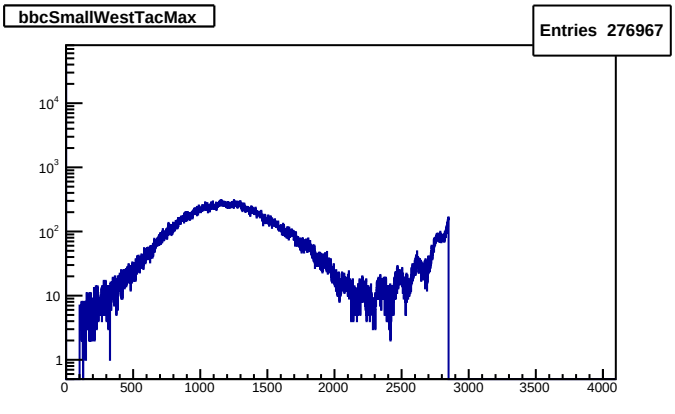
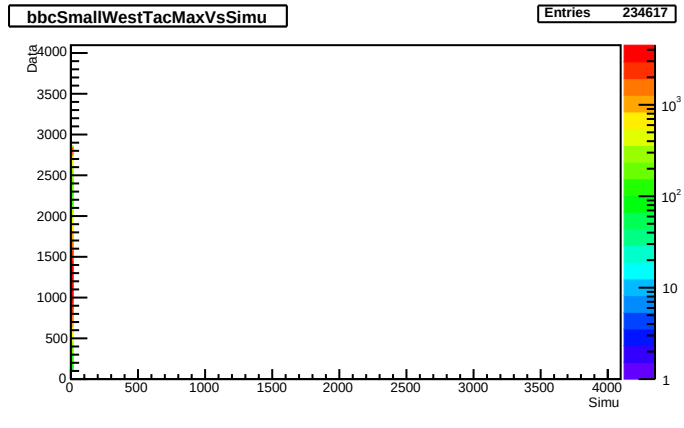
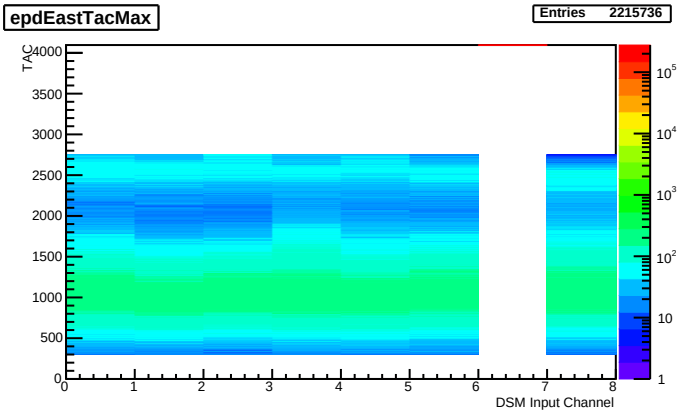
Entries 212978
Data
Simu

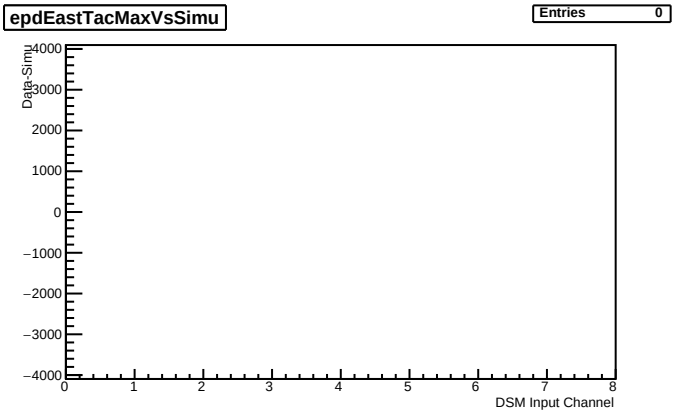

bbcSmallWestAdcSum
Entries 276967

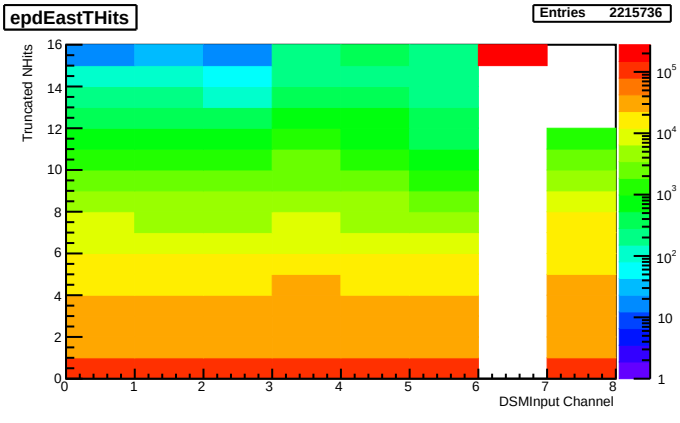

bbcSmallWestAdcSumVsSimu
Entries 234617
Data
Simu

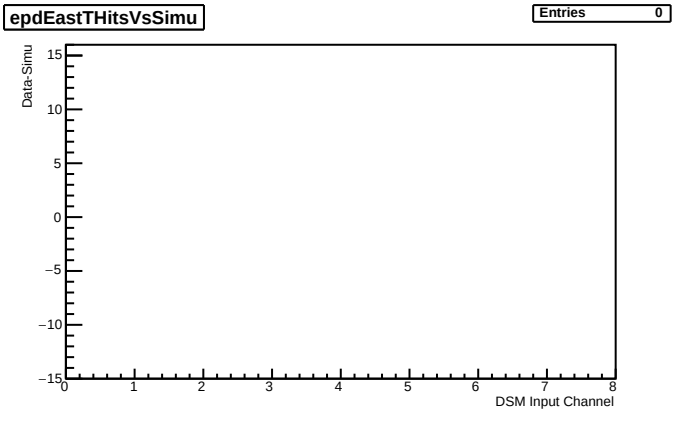

bbcSmallWestTacMax
Entries 276967


bbcSmallWestTacMaxVsSimu
Entries 234617
Data
Simu


epdEastTacMax
Entries 2215736
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2215736
Truncated NHits
DSMInput Channel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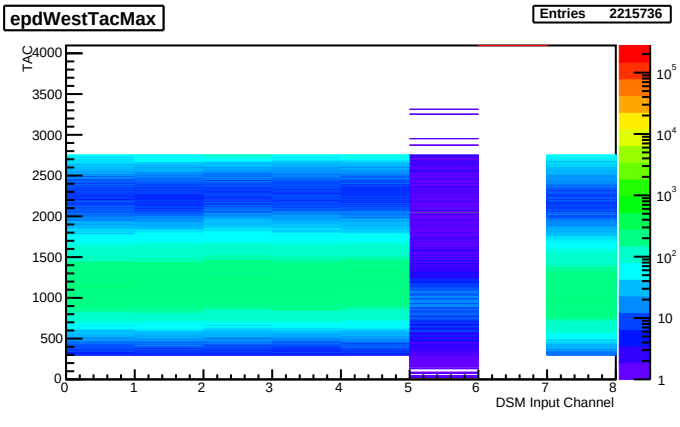
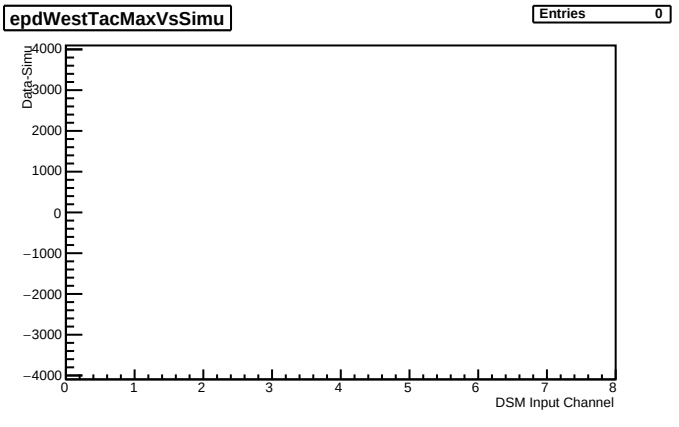
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2215736
TAC
DSM Input Channel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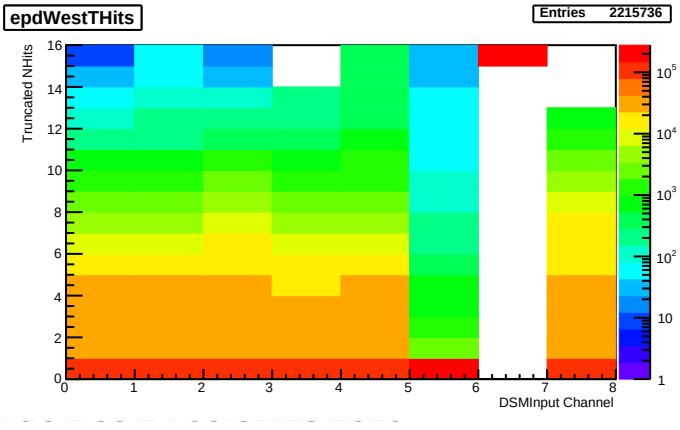
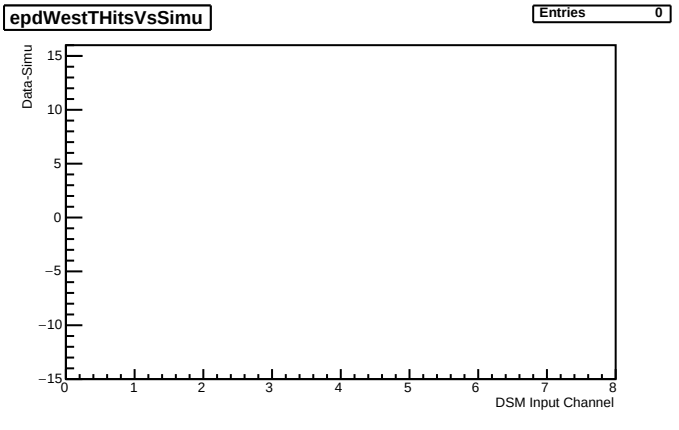
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2215736
Truncated NHits
DSMInput Channel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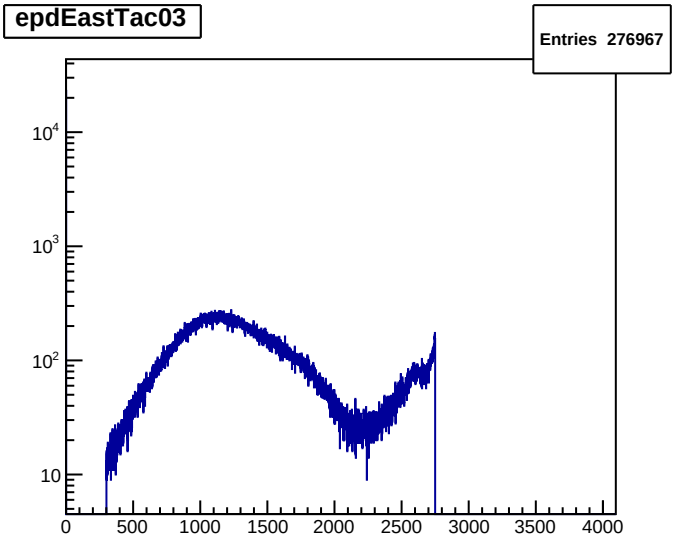
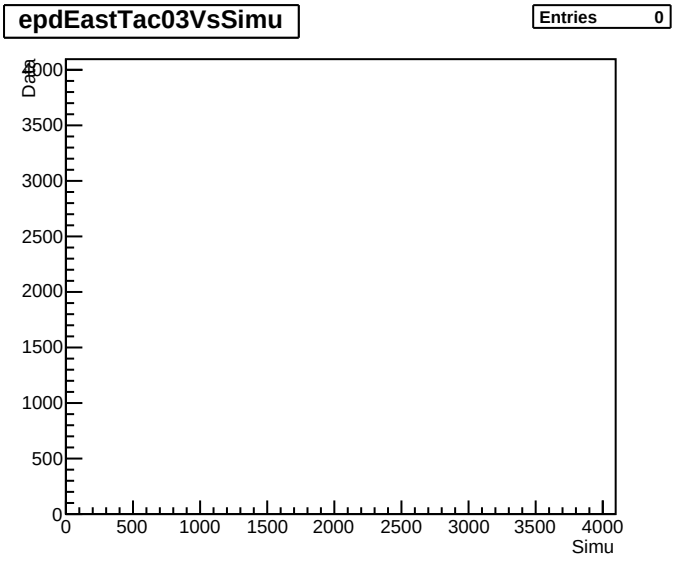
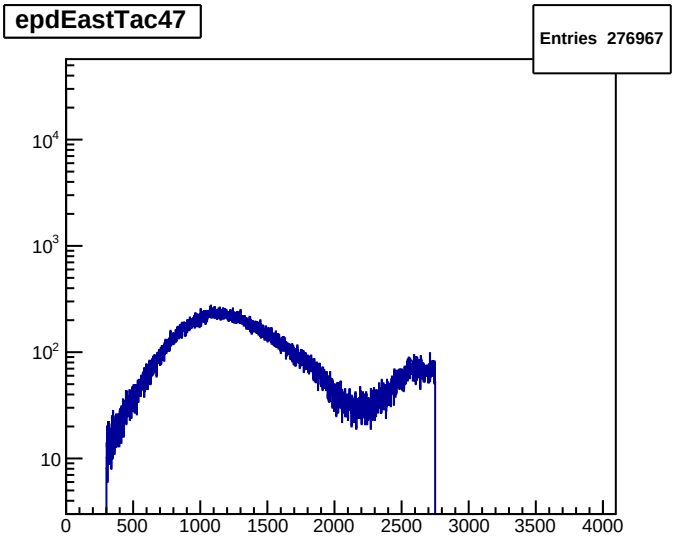
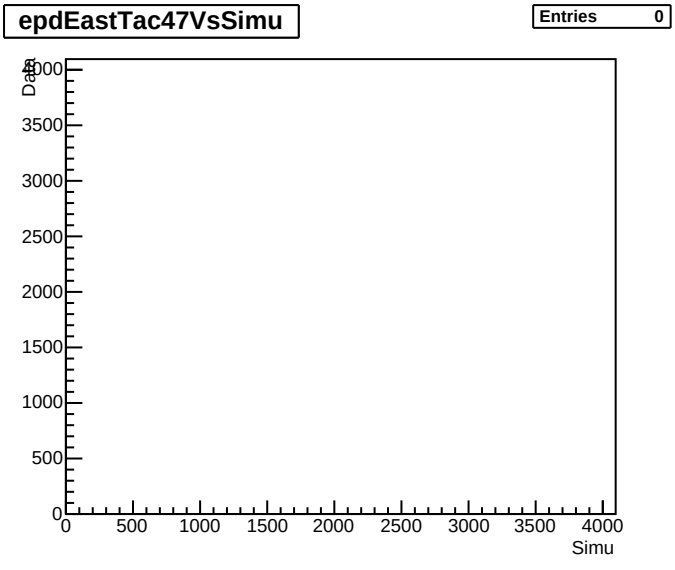
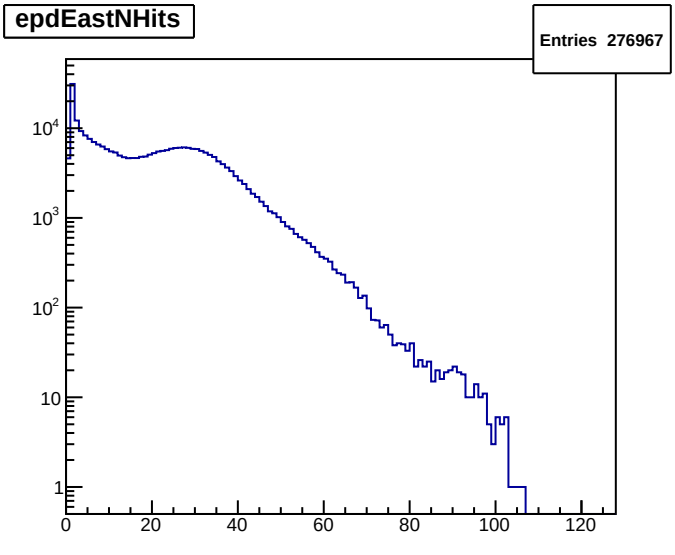
Entries 0
Data-Simu
DSM Input Channel

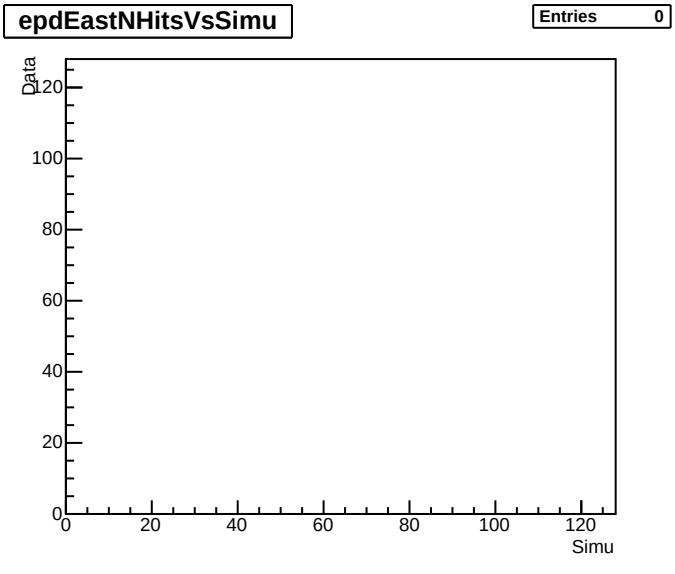

epdEastTac03
Entries 276967


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 276967


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 276967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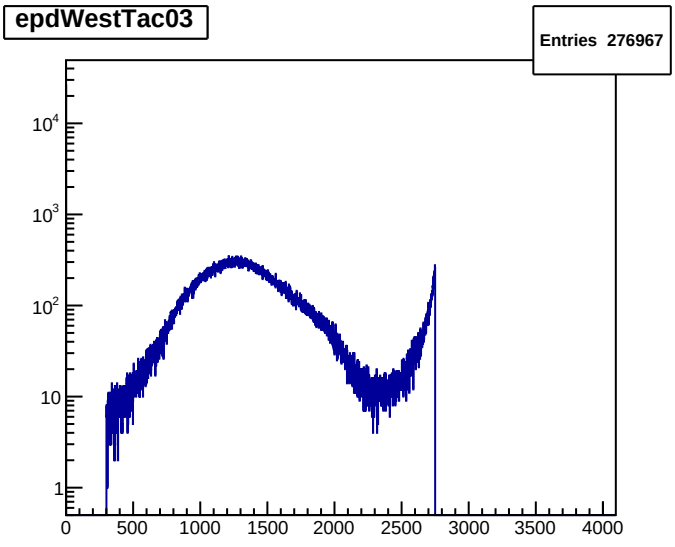
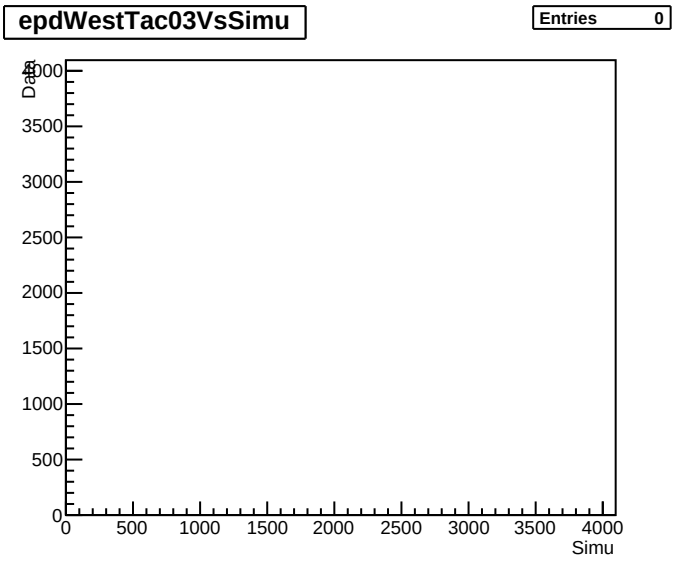
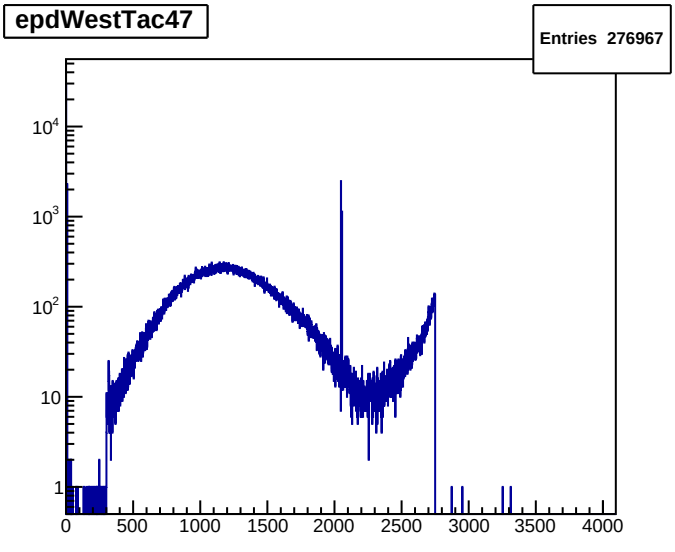
Entries 0
Data
Simu


epdWestTac03
Entries 276967


epdWestTac03VsSimu
Entries 0
Data
Simu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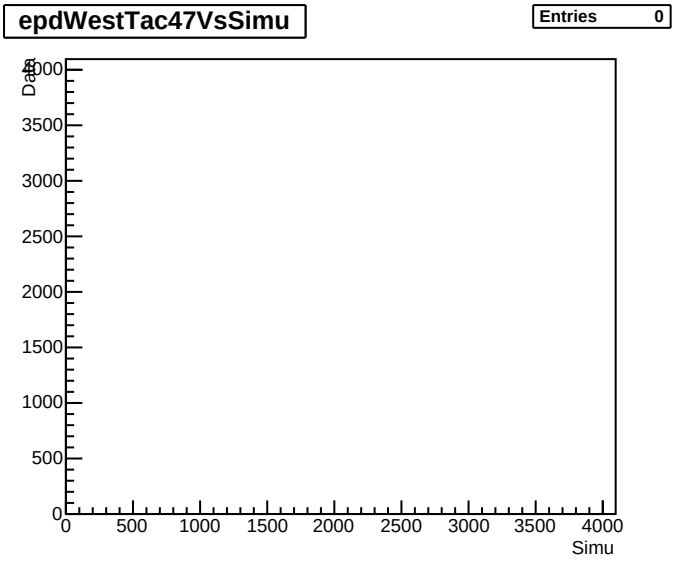
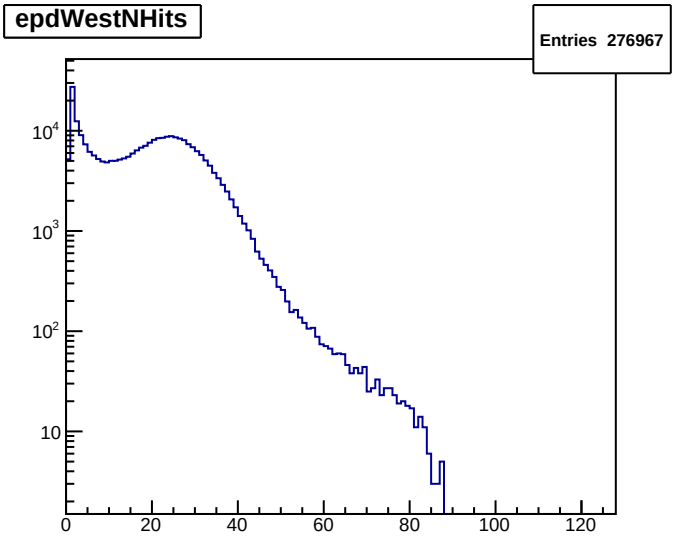
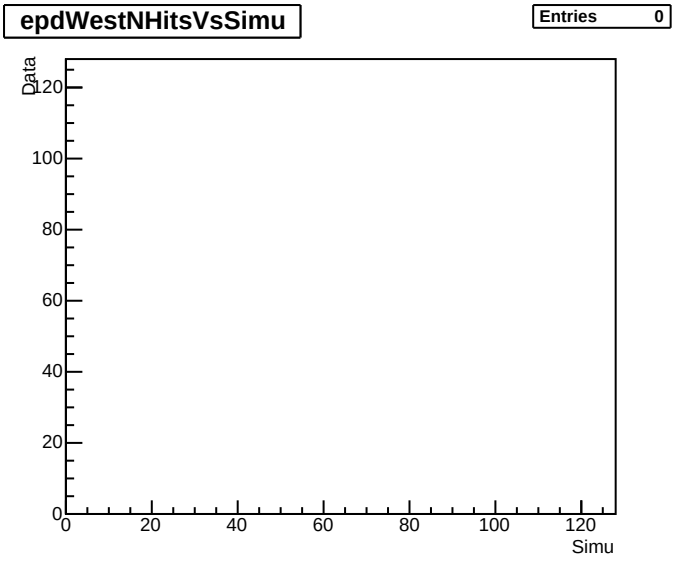
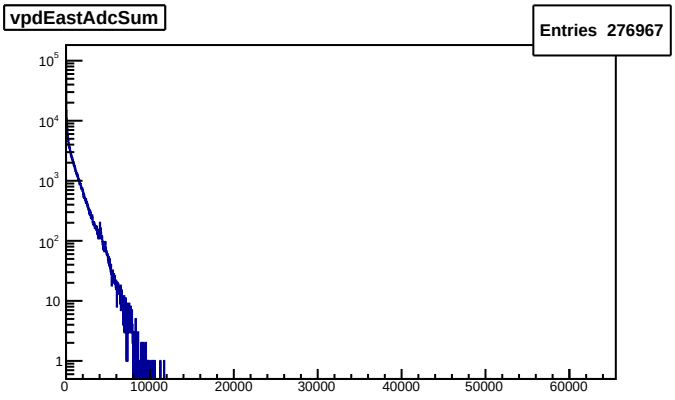
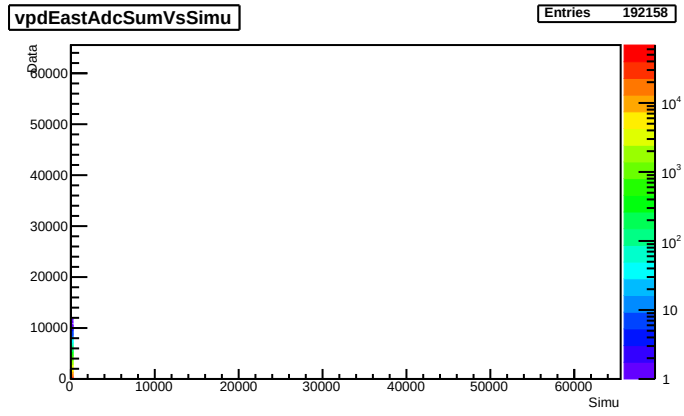
Entries 276967

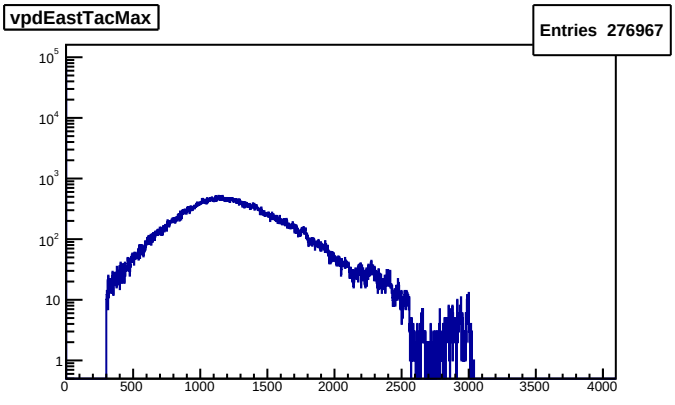

epdWestTac47VsSimu
Entries 0
Data
Simu

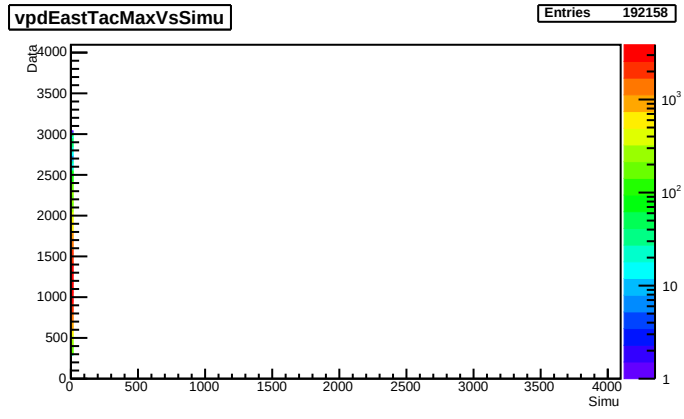

epdWestNHits
Entries 276967

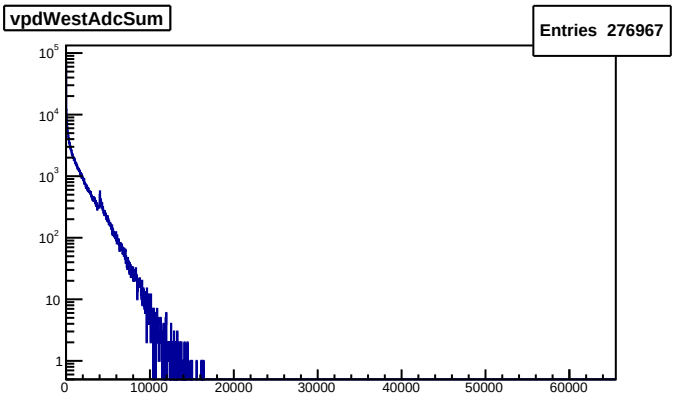

epdWestNHitsVsSimu
Entries 0
Data
Simu

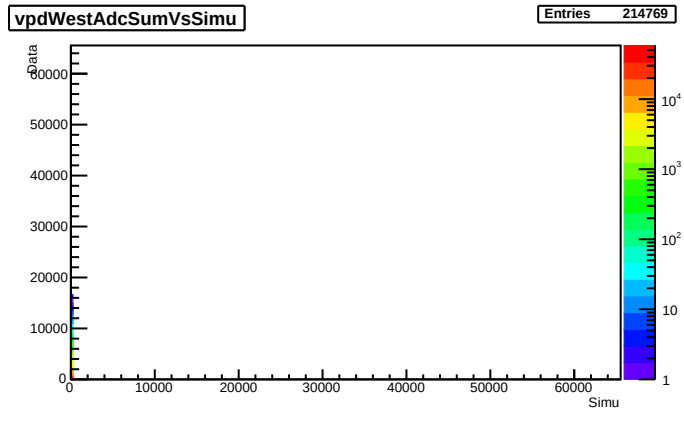

vpdEastAdcSum
Entries 276967

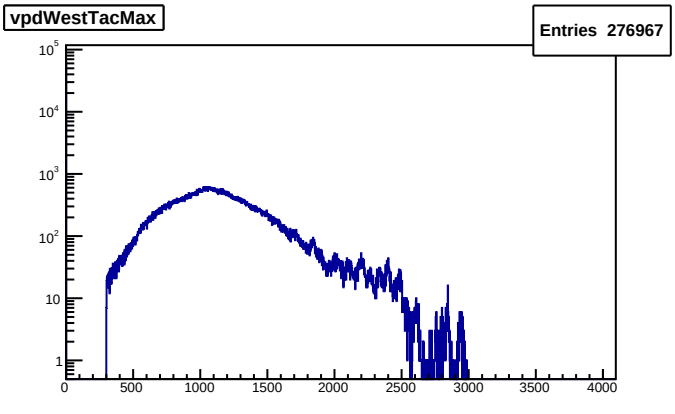

vpdEastAdcSumVsSimu
Entries 192158
Data
Simu

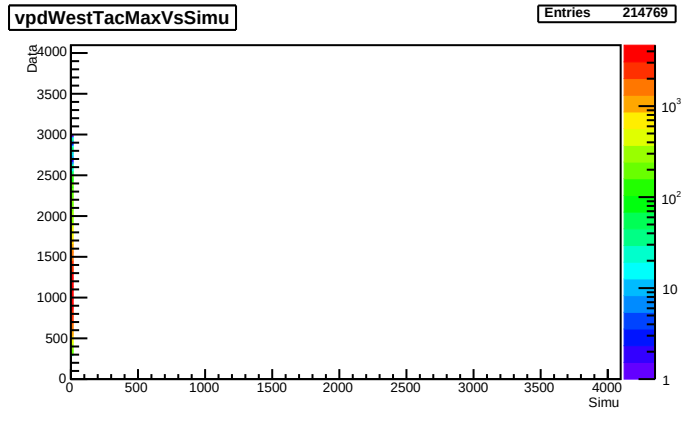

vpdEastTacMax
Entries 276967

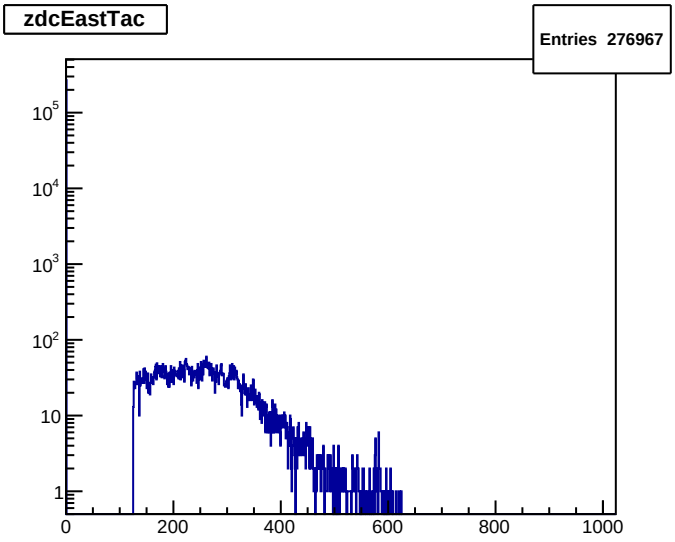

vpdEastTacMaxVsSimu
Entries 192158
Data
Simu

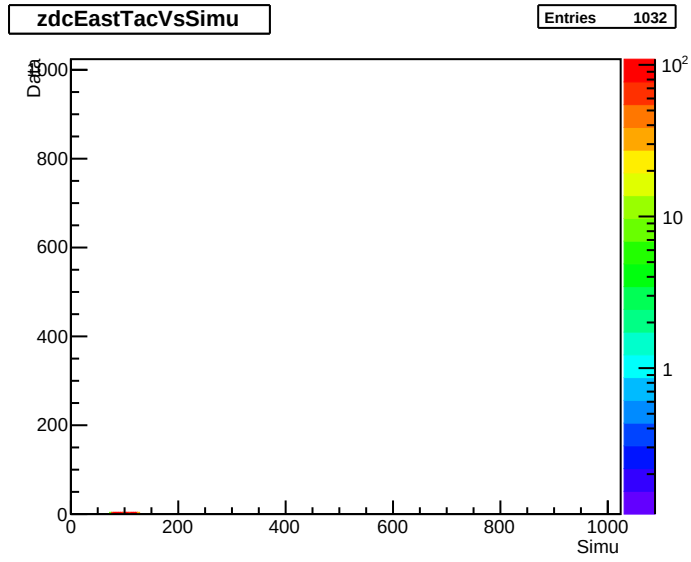

vpdWestAdcSum
Entries 276967

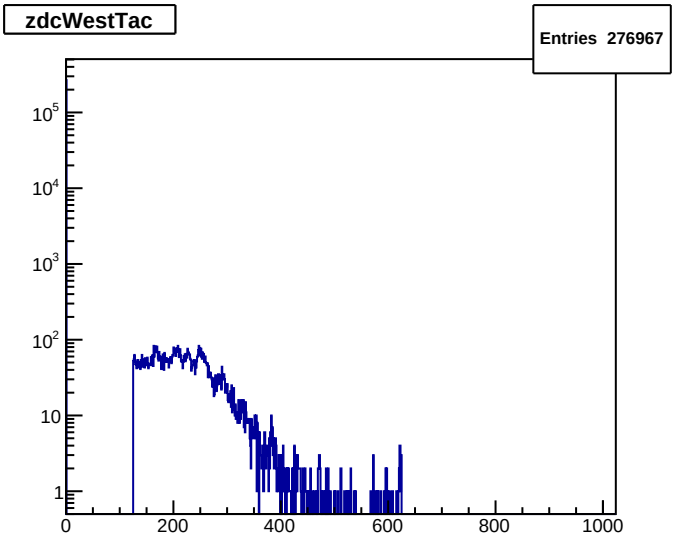

vpdWestAdcSumVsSimu
Entries 214769
Data
Simu

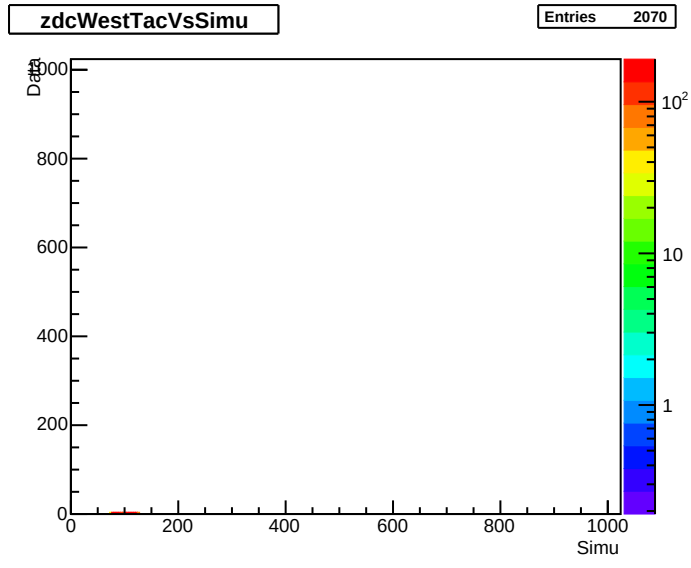

vpdWestTacMax
Entries 276967

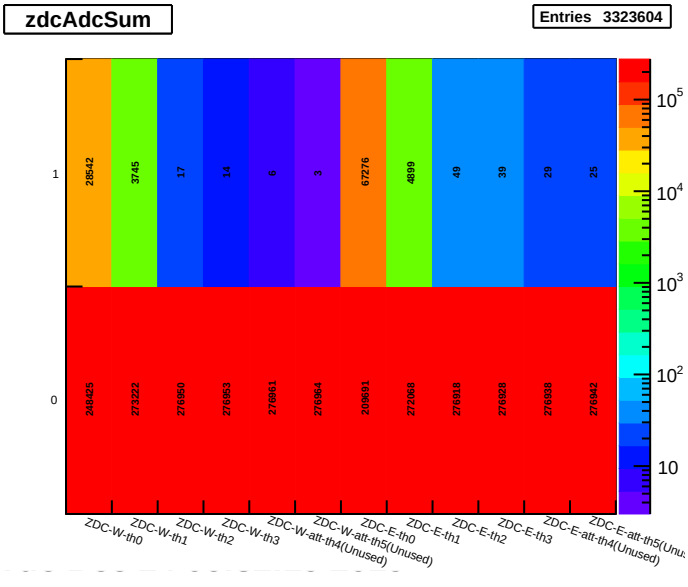

vpdWestTacMaxVsSimu
Entries 214769
Data
Simu

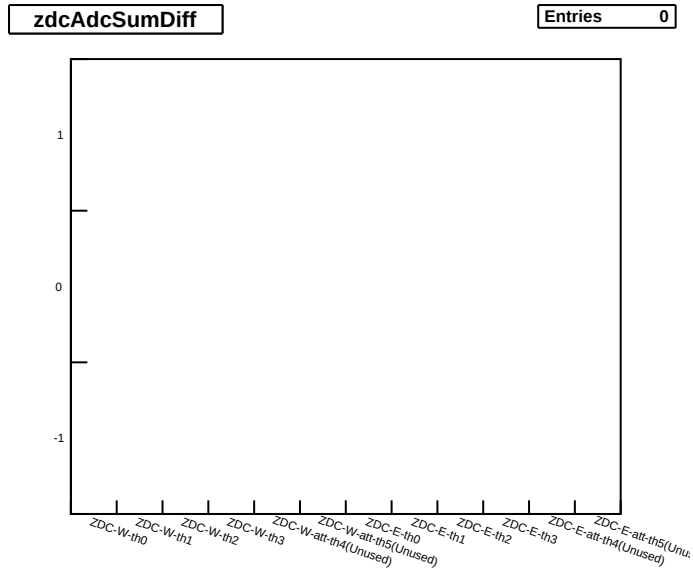

zdcEastTac
Entries 276967

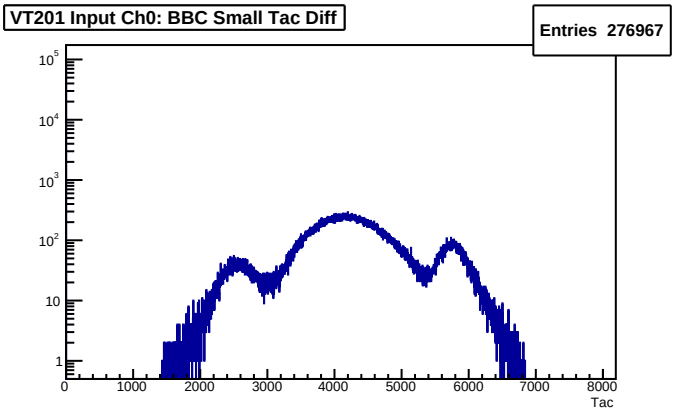

zdcEastTacVsSimu
Entries 1032
Data
Simu

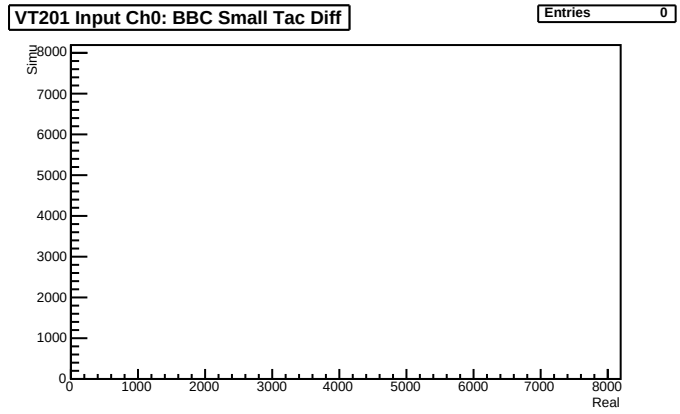

zdcWestTac
Entries 276967

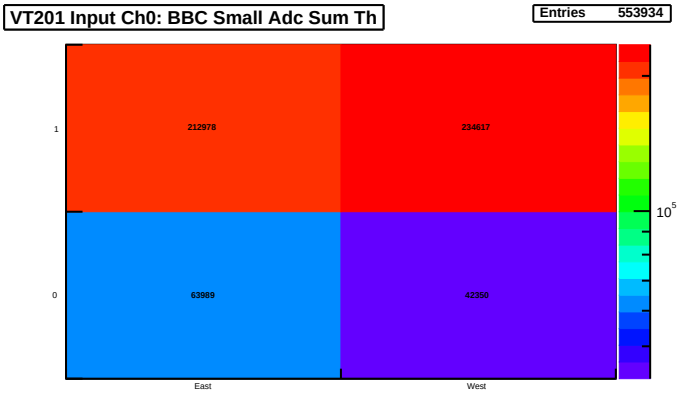

zdcWestTacVsSimu
Entries 2070
Data
Simu

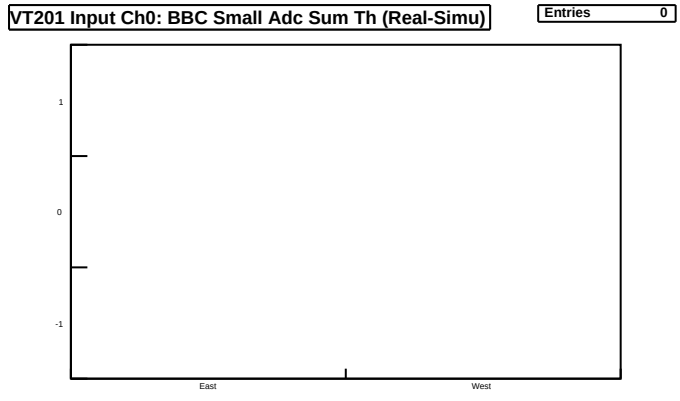

zdcAdcSum
Entries 3323604
28542
3745
17
14
6
3
67276
4899
49
39
29
25
248425
273222
276950
276953
276961
276964
205691
272066
276918
276928
276938
276942
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

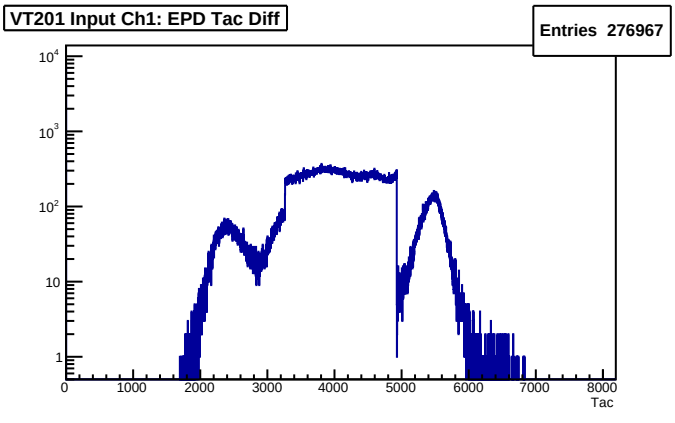

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

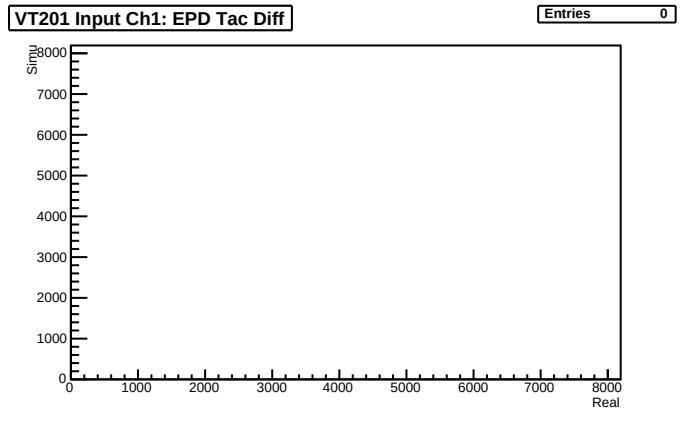

VT201 Input Ch0: BBC Small Tac Diff
Entries 276967
Tac

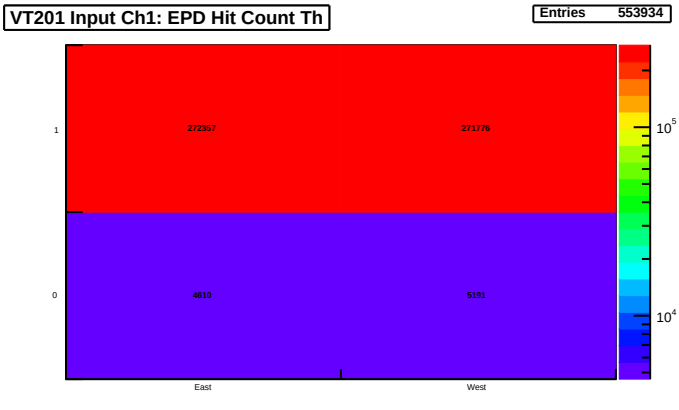

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

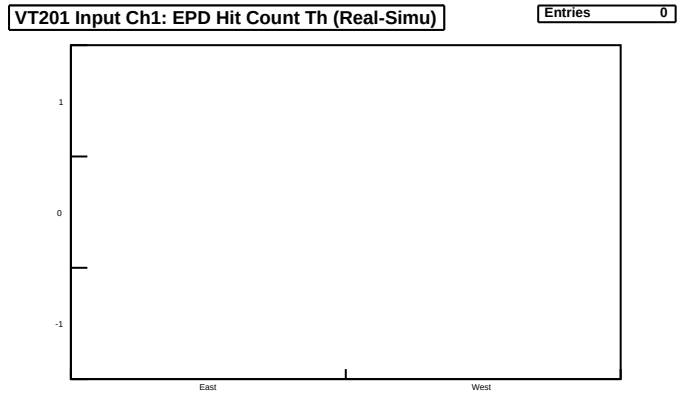

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 553934
212978
234617
63989
42350
East
West

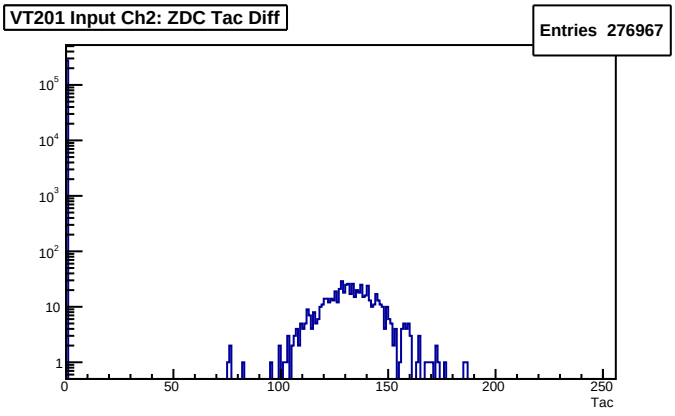

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

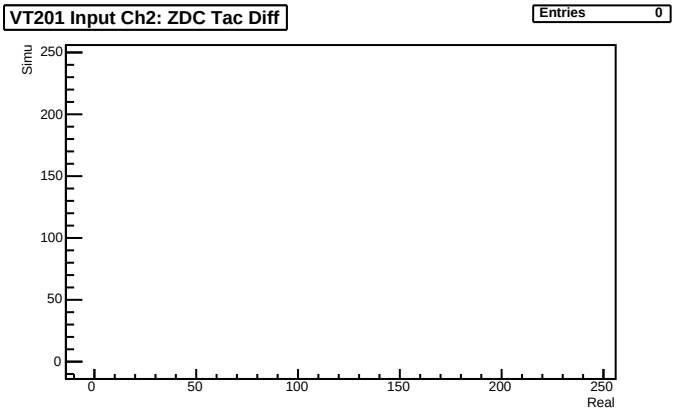

VT201 Input Ch1: EPD Tac Diff
Entries 276967
Tac

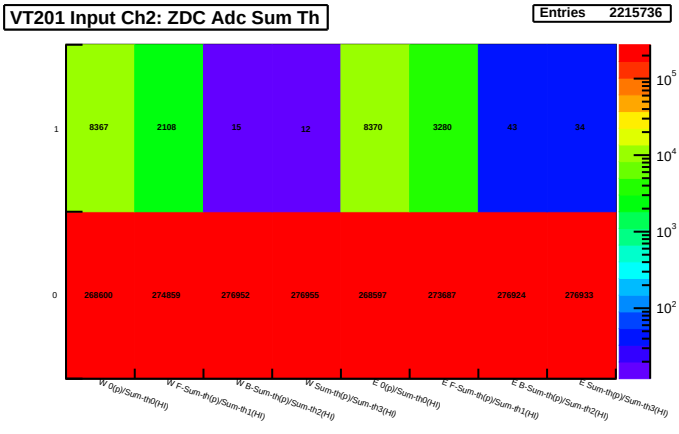

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

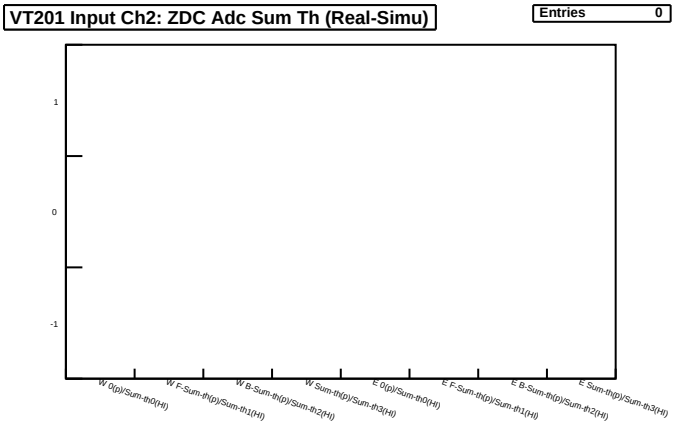

VT201 Input Ch1: EPD Hit Count Th
Entries 553934
272357
271776
4610
5191
East
West

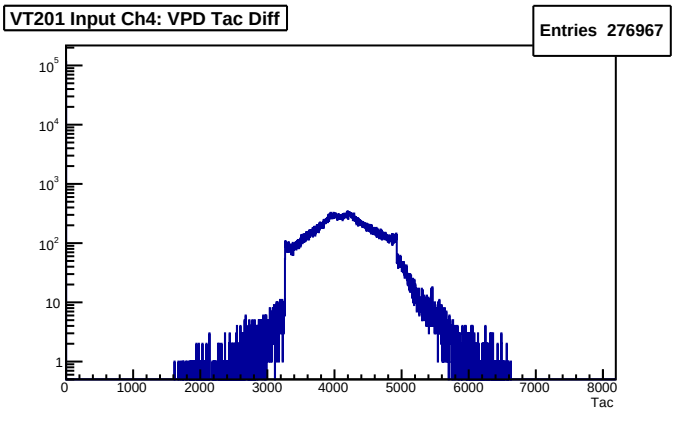

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

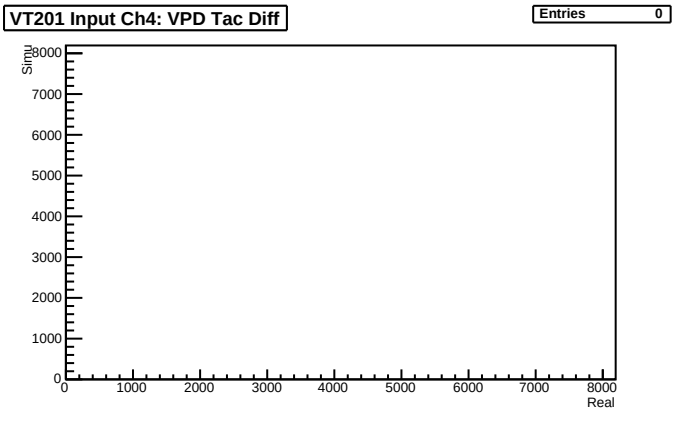

VT201 Input Ch2: ZDC Tac Diff
Entries 276967
Tac

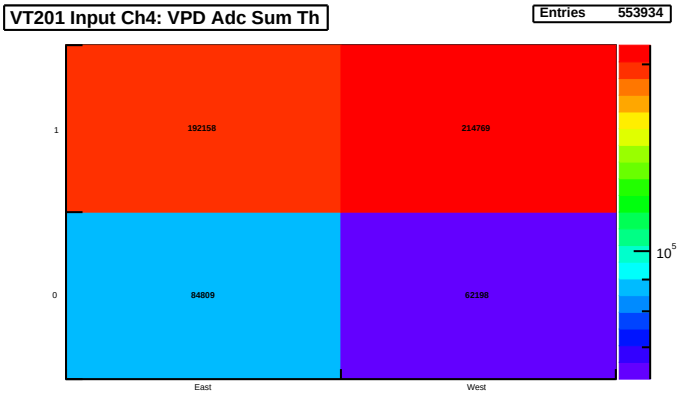

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

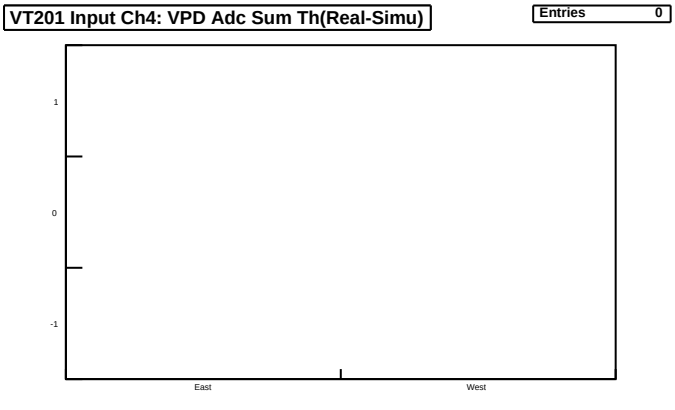

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2215736
8367
2108
15
12
8370
3280
43
34
268600
274859
276952
276955
268597
273687
276924
276933
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

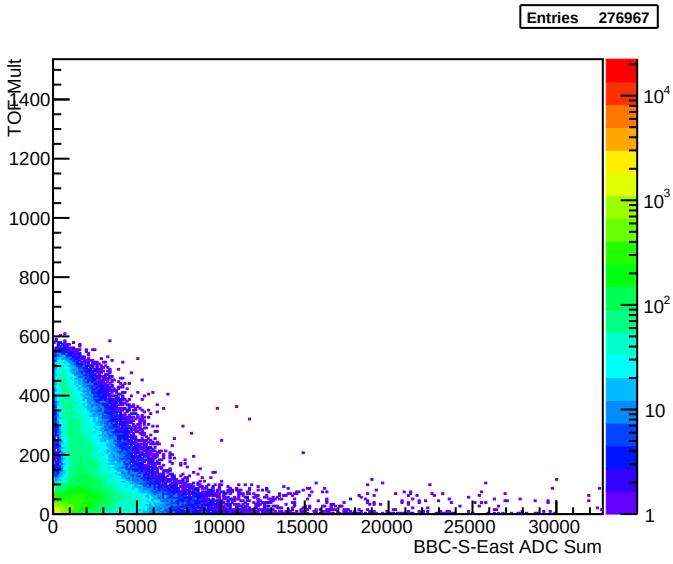

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

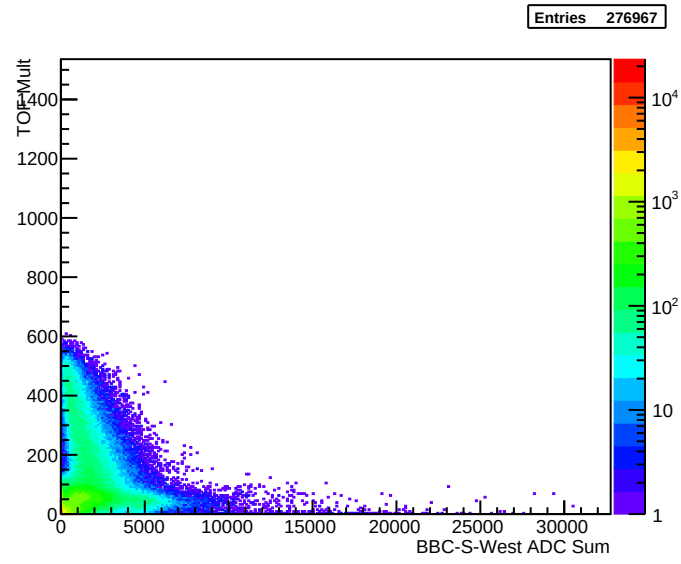

VT201 Input Ch4: VPD Tac Diff
Entries 276967
Tac

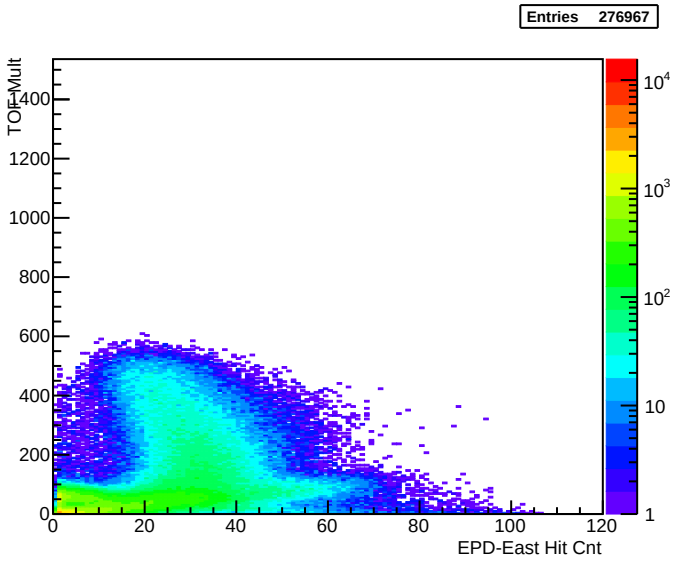

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

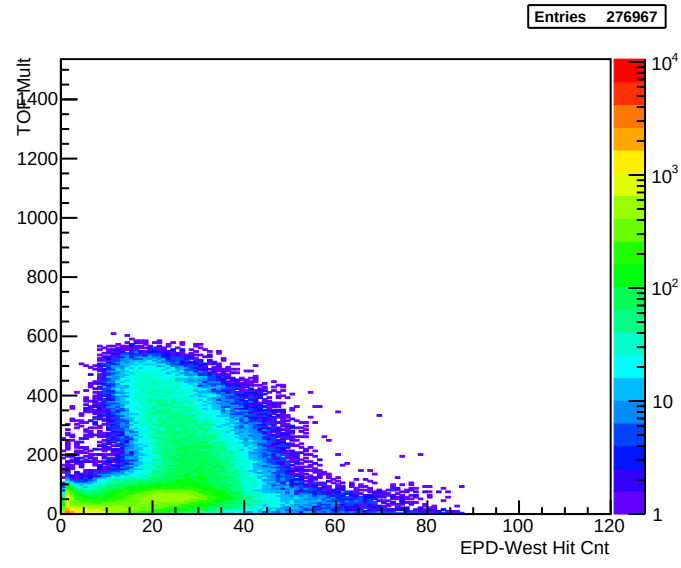

VT201 Input Ch4: VPD Adc Sum Th
Entries 553934
192158
214769
84809
62198
East
West

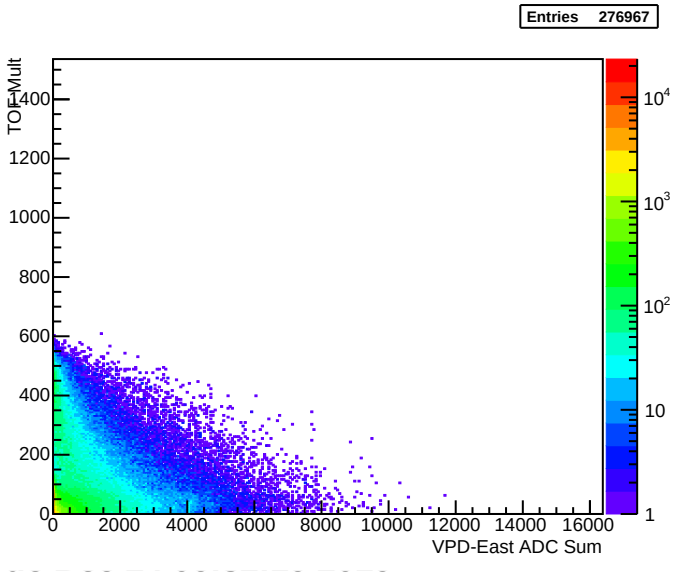

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

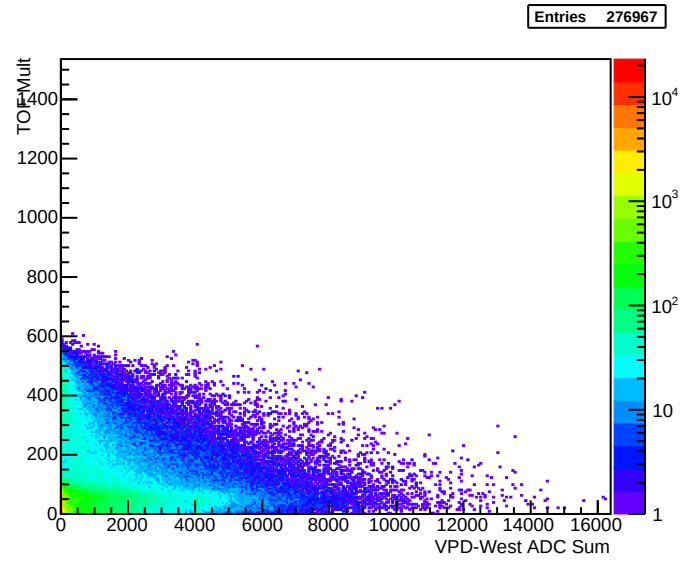

Entries 276967
TOF-Mult
BBC-S-East ADC Sum

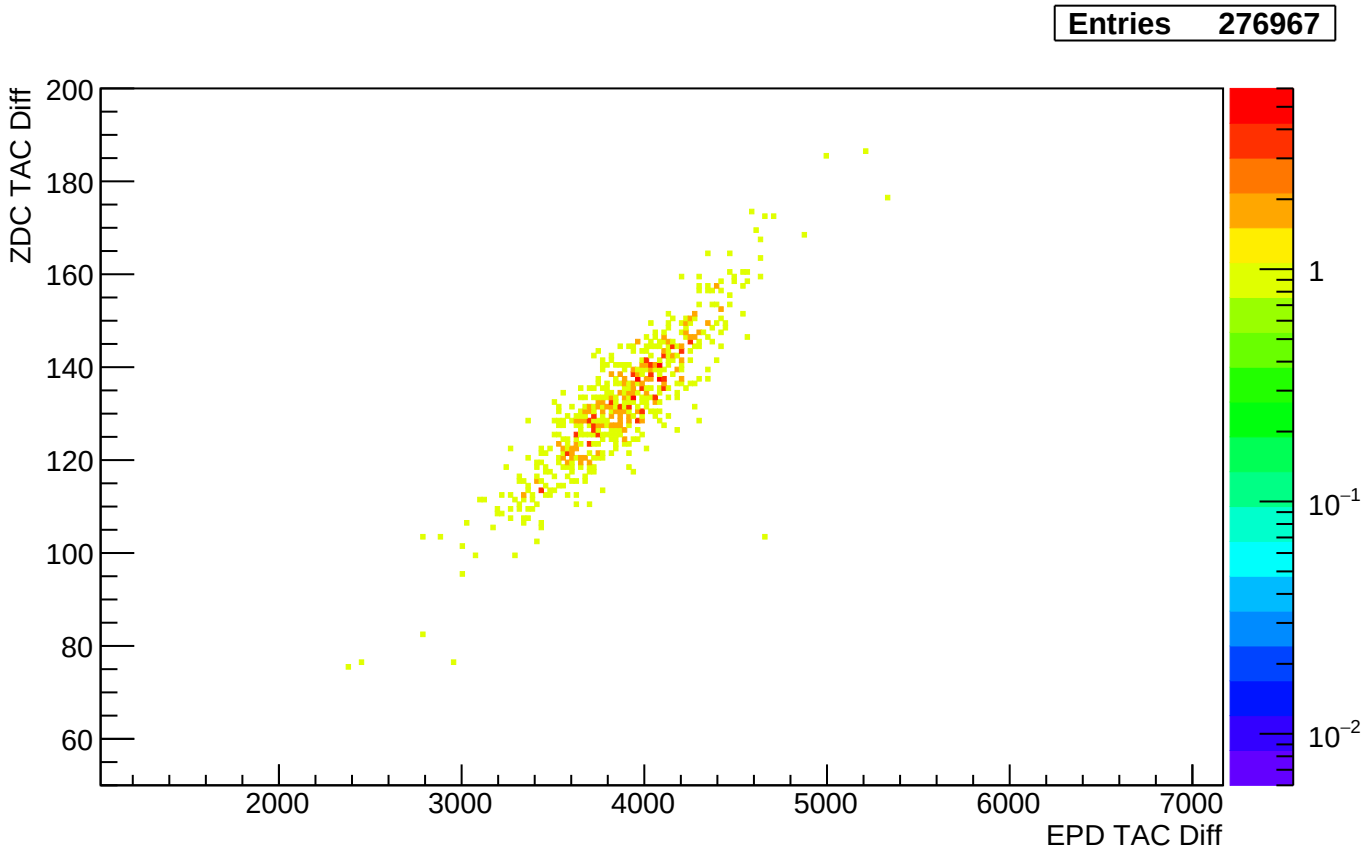

Entries 276967
TOF-Mult
BBC-S-West ADC Sum

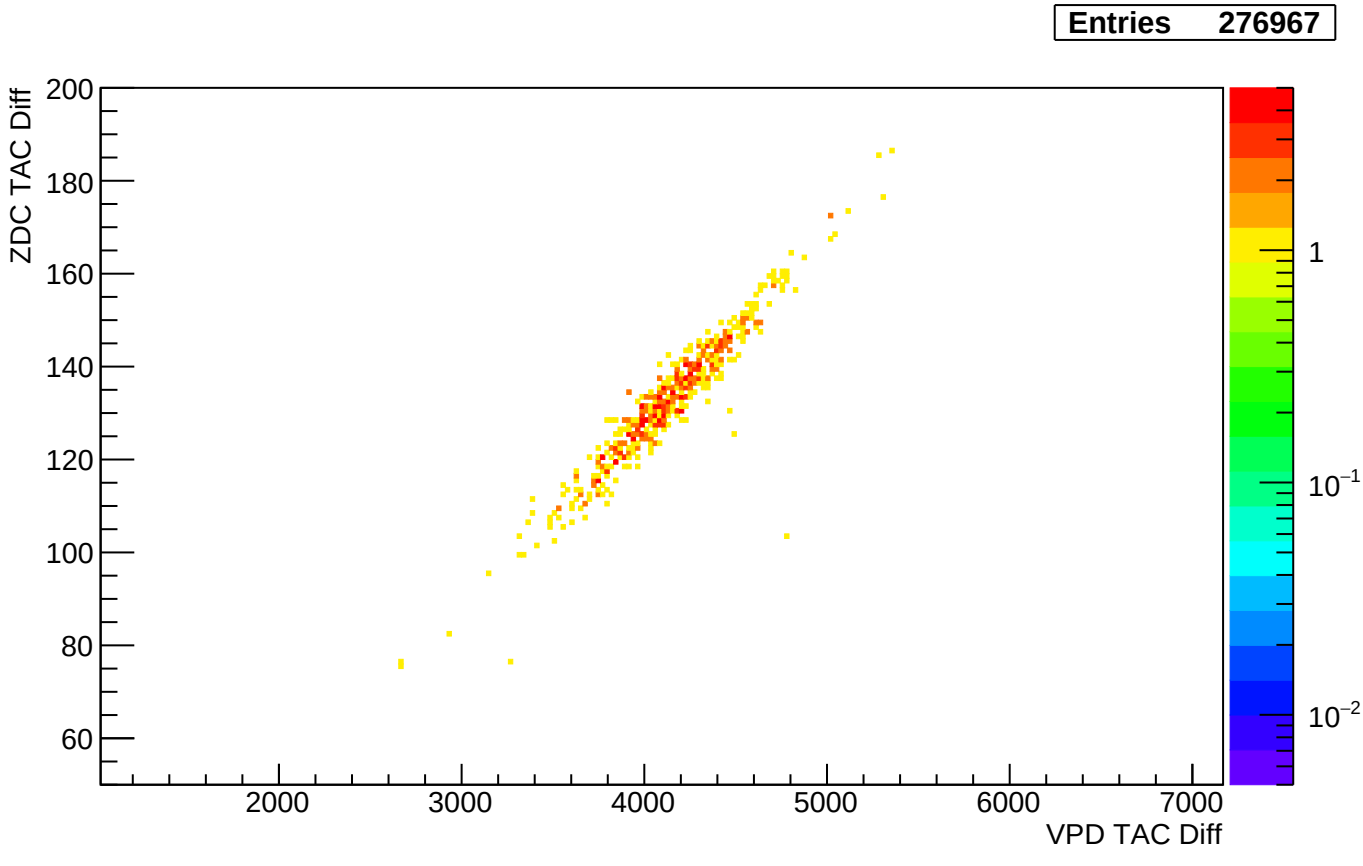

Entries 276967
TOF-Mult
EPD-East Hit Cnt

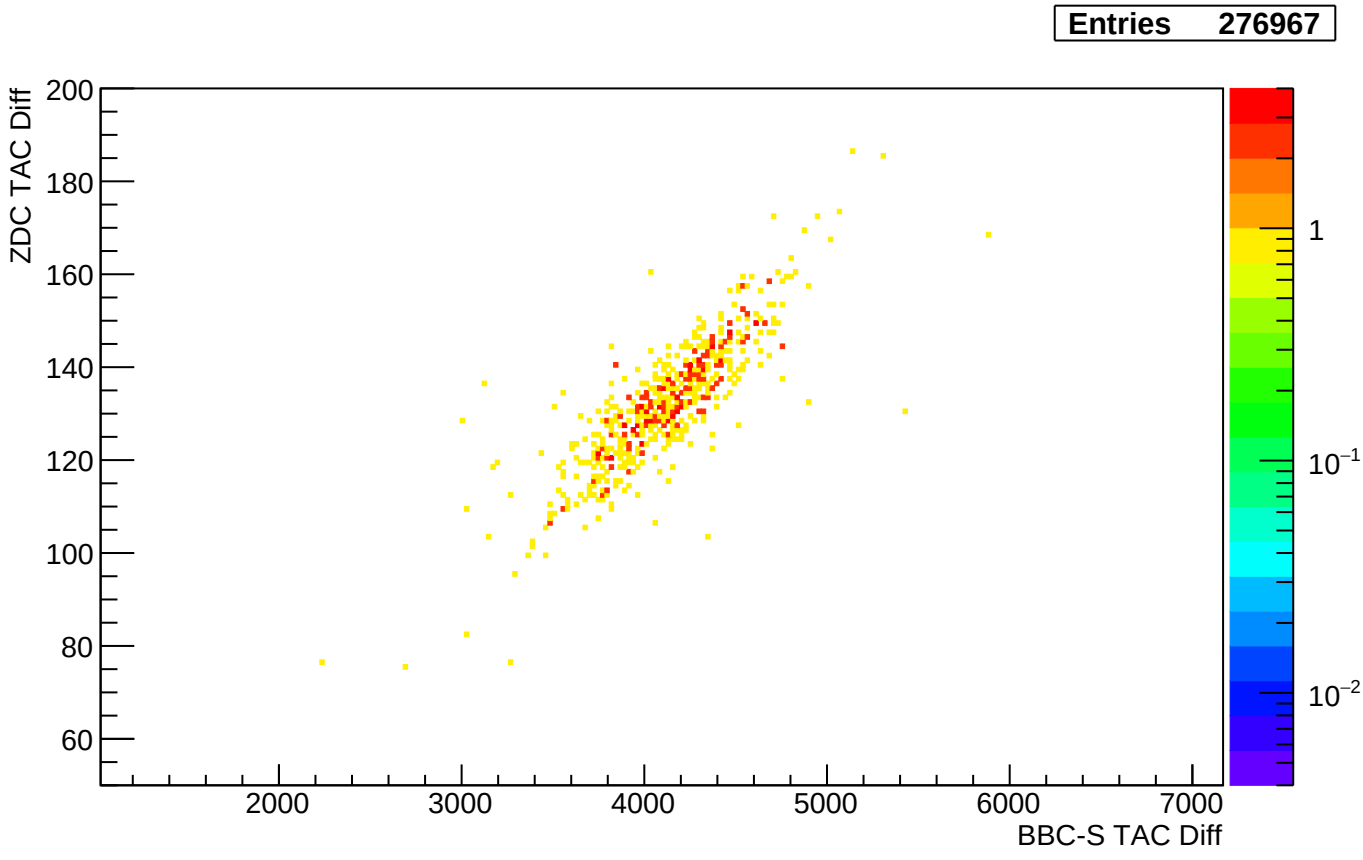

Entries 276967
TOF-Mult
EPD-West Hit Cnt

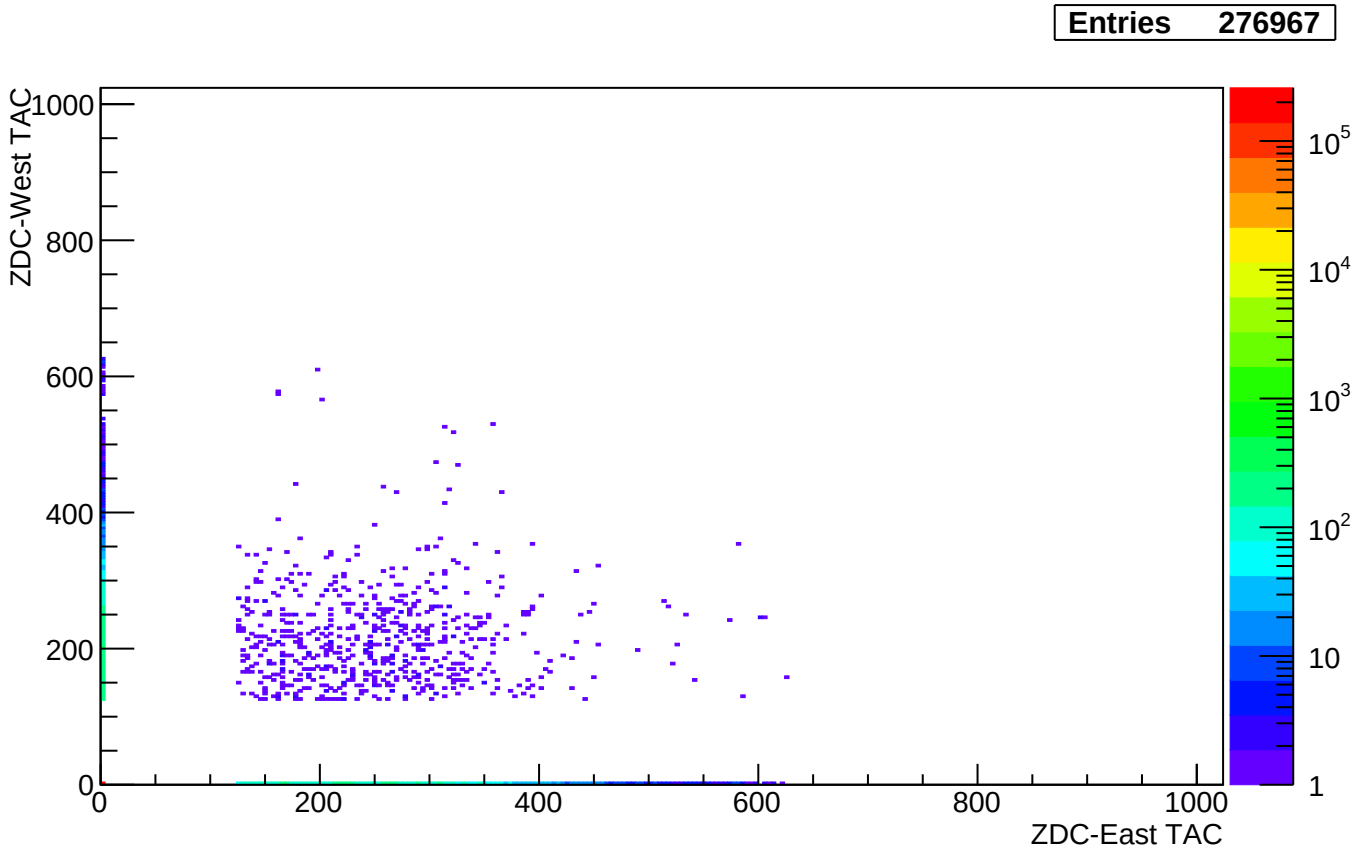

Entries 276967
TOF-Mult
VPD-East ADC Sum

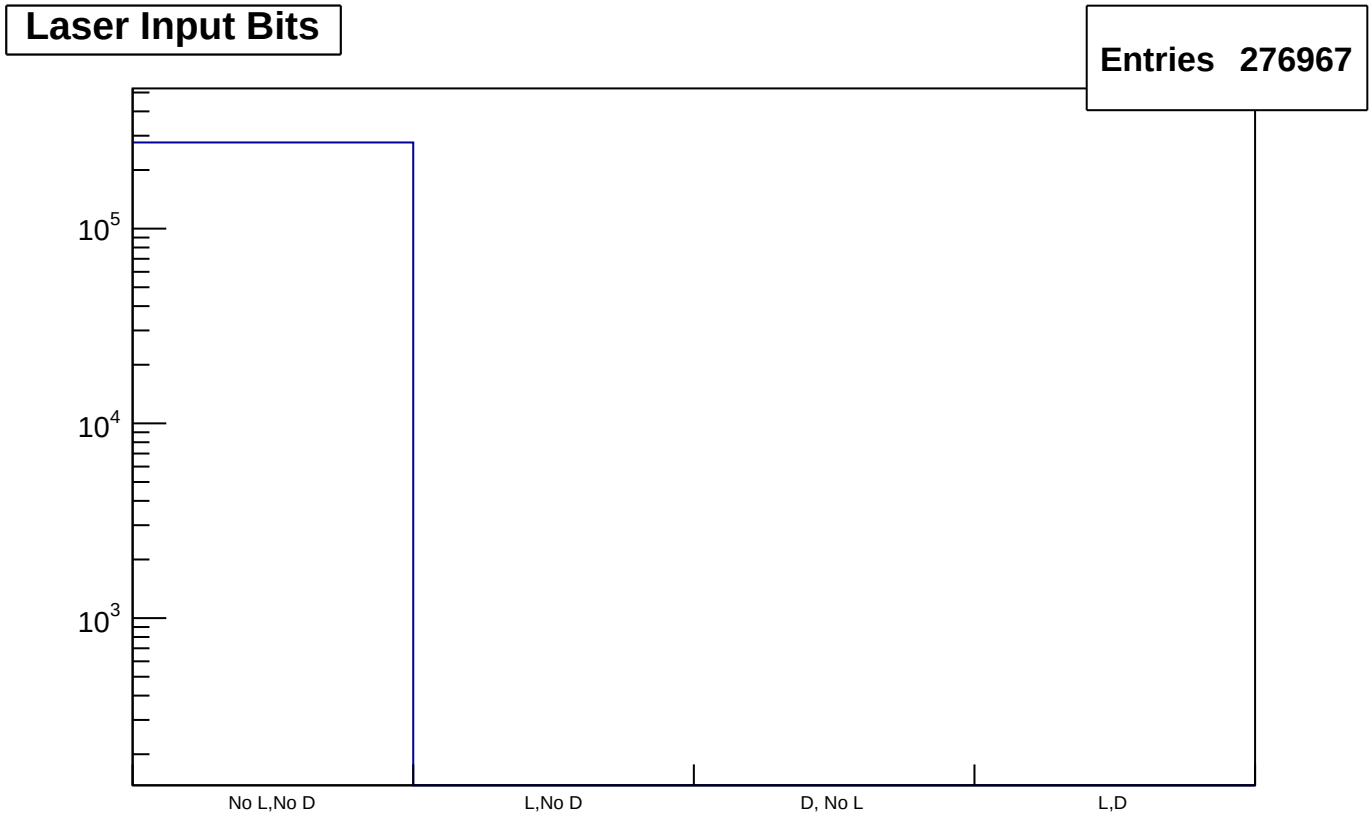

Entries 276967
TOF-Mult
VPD-West ADC Sum

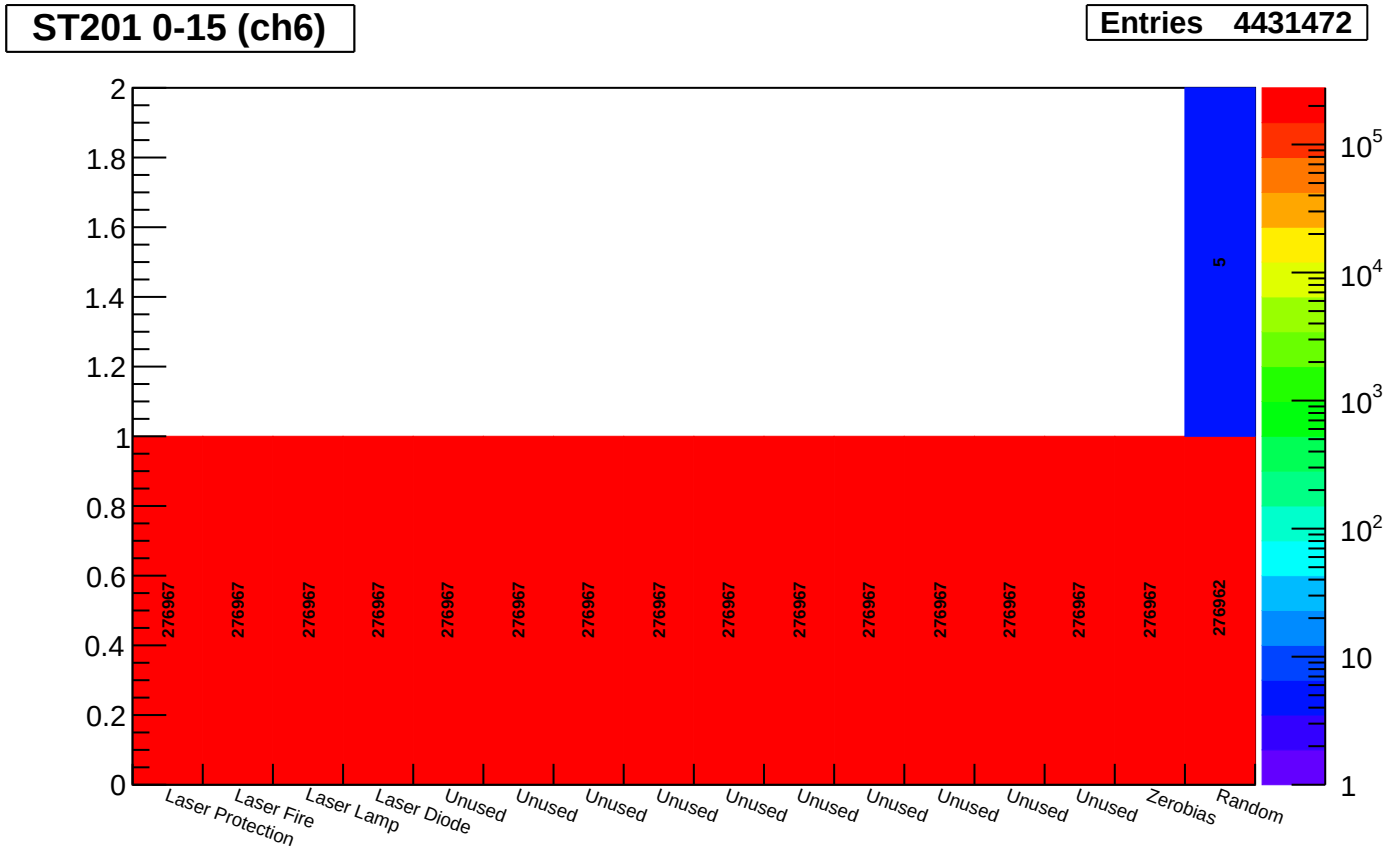

Entries 276967
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

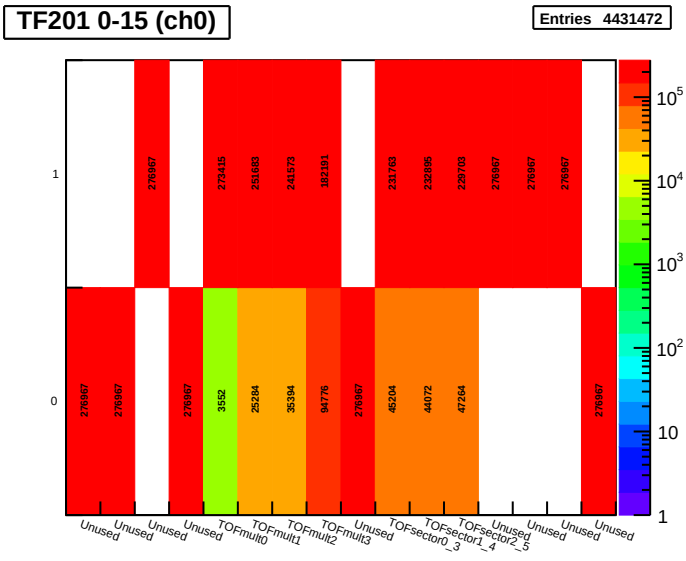

Entries 276967
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

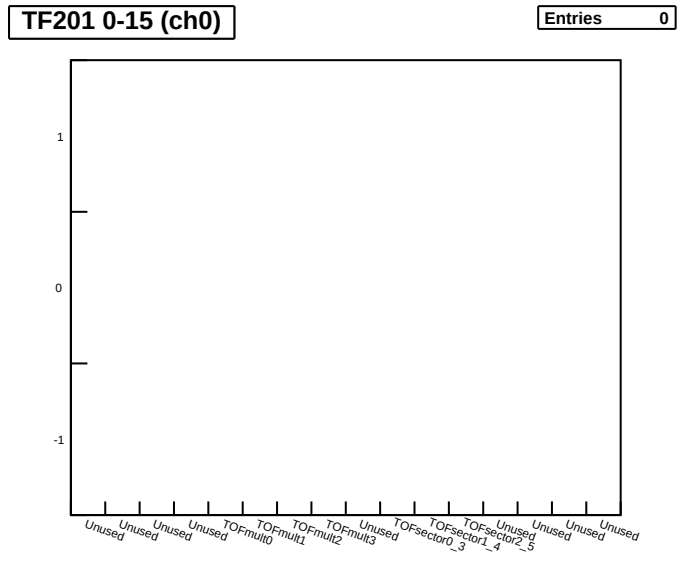

Entries 276967
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

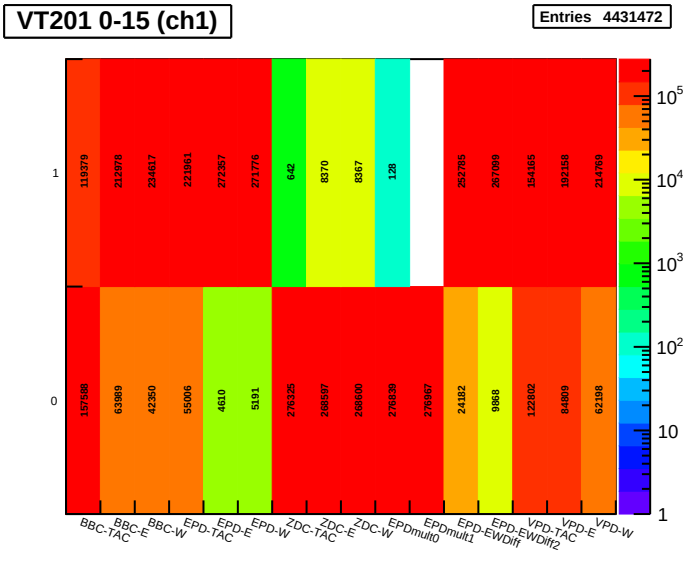

Entries 276967
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

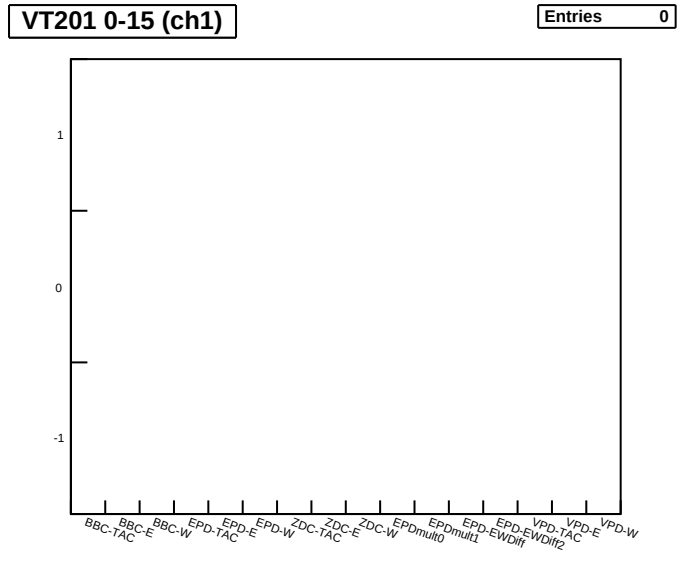

Laser Input Bits
Entries 276967
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

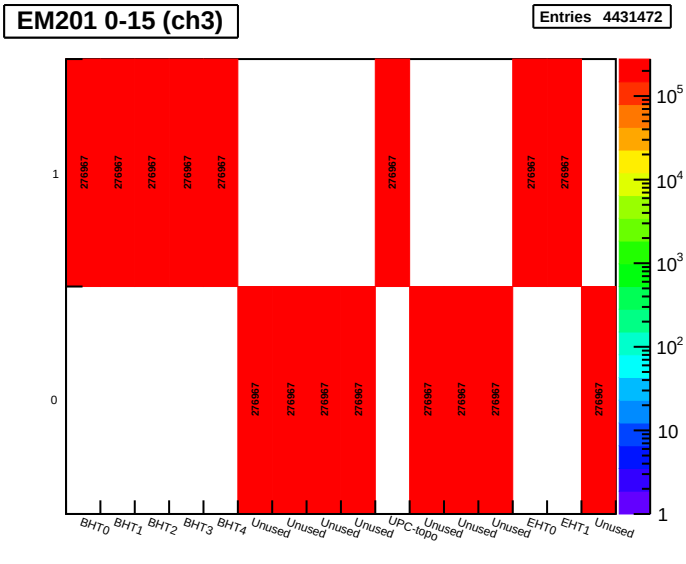

ST201 0-15 (ch6)
Entries 4431472
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
276967
276962
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

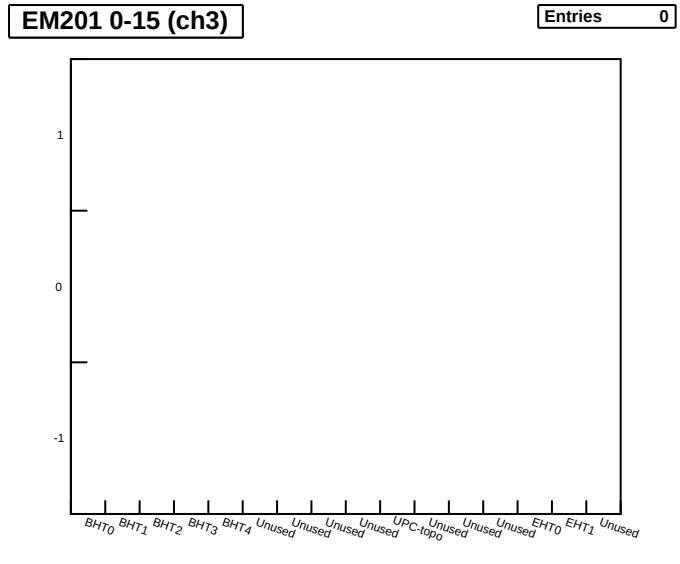

TF201 0-15 (ch0)
Entries 4431472
1
0
276967
273415
231683
241573
182191
231763
232895
229703
276967
276967
276967
276967
276967
3552
25284
35394
94776
276967
45204
44072
47264
276967
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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 4431472
1
0
119379
212978
234617
221961
272357
271776
642
8370
8367
128
252765
267099
154165
192158
214769
157588
63989
42350
55006
4610
5191
276325
268597
268600
276839
276967
24182
9868
122802
84809
62198
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 4431472
1
0
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
276967
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