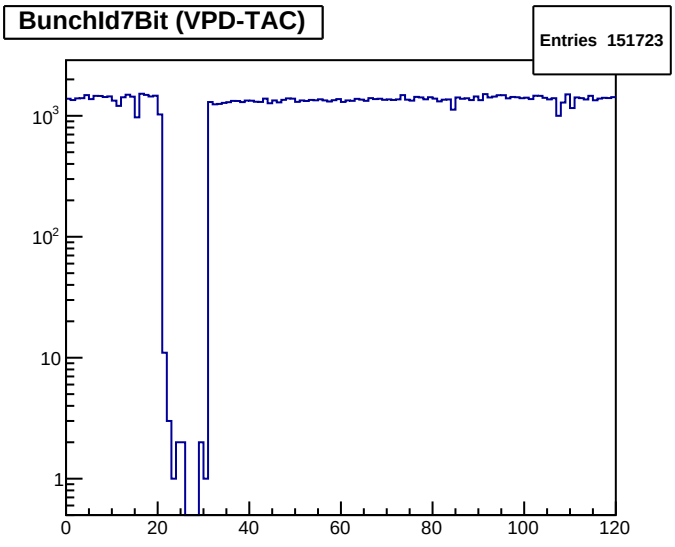
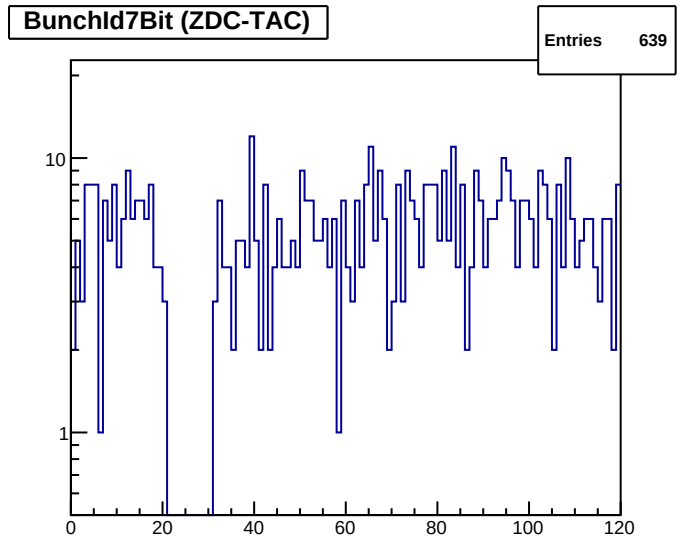
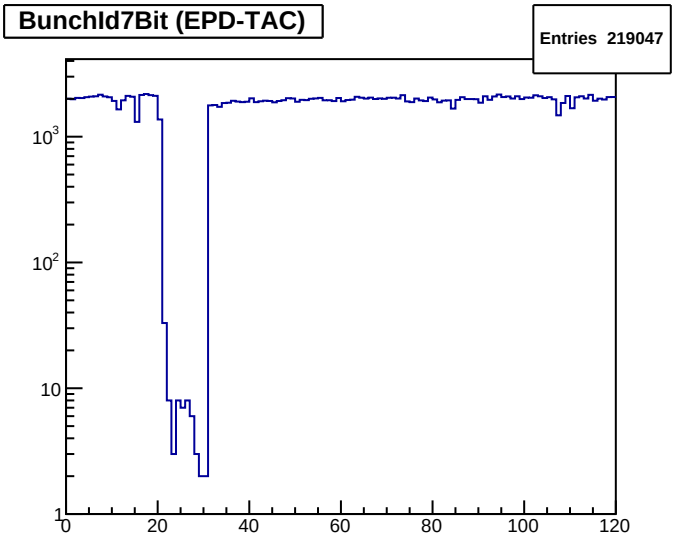
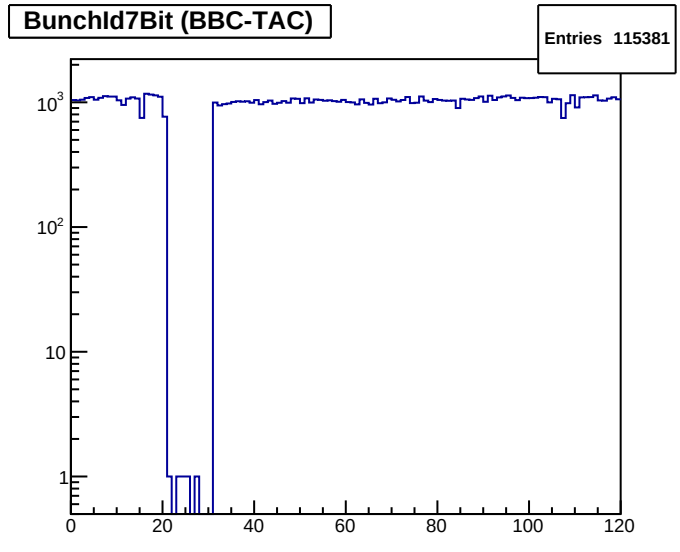
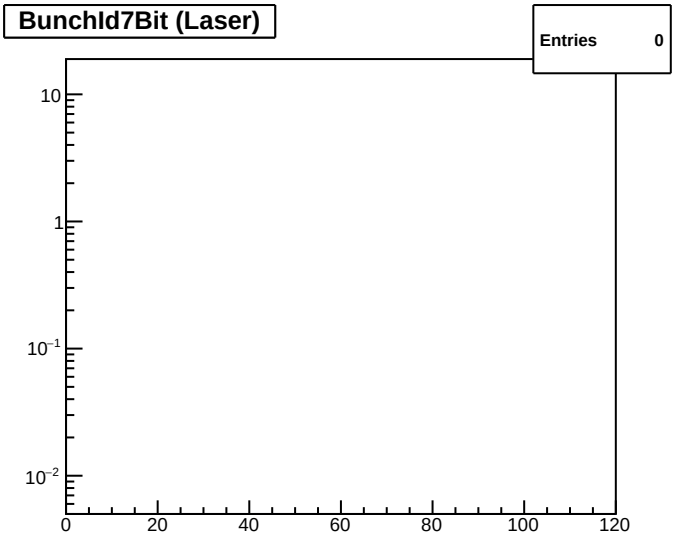
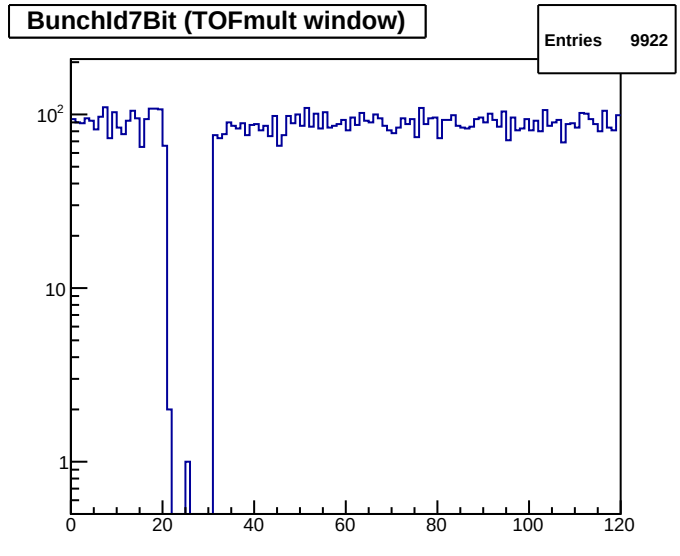

BunchId7Bit (VPD-TAC)
Entries 151723

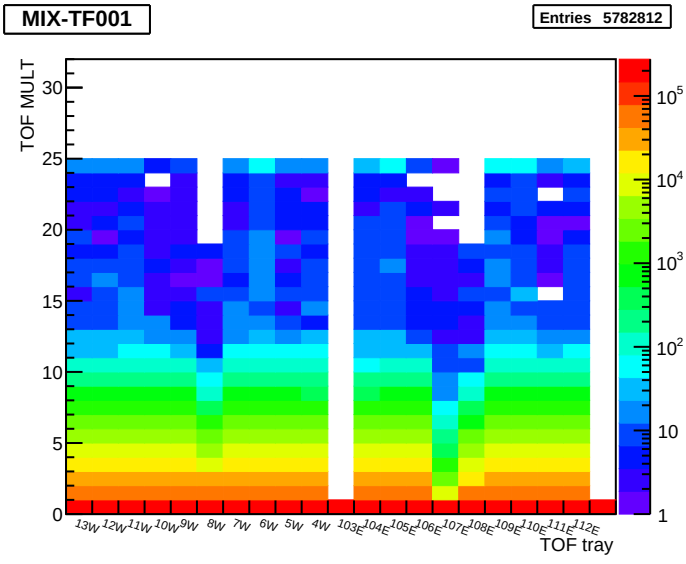

BunchId7Bit (ZDC-TAC)
Entries 639

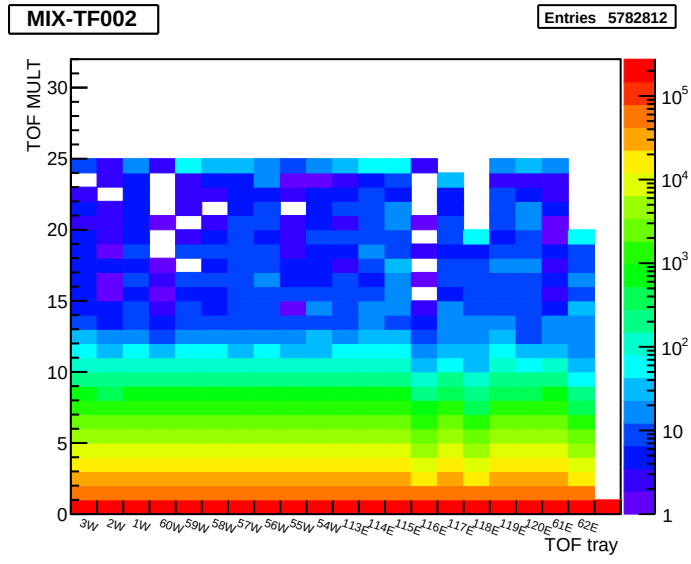

BunchId7Bit (EPD-TAC)
Entries 219047

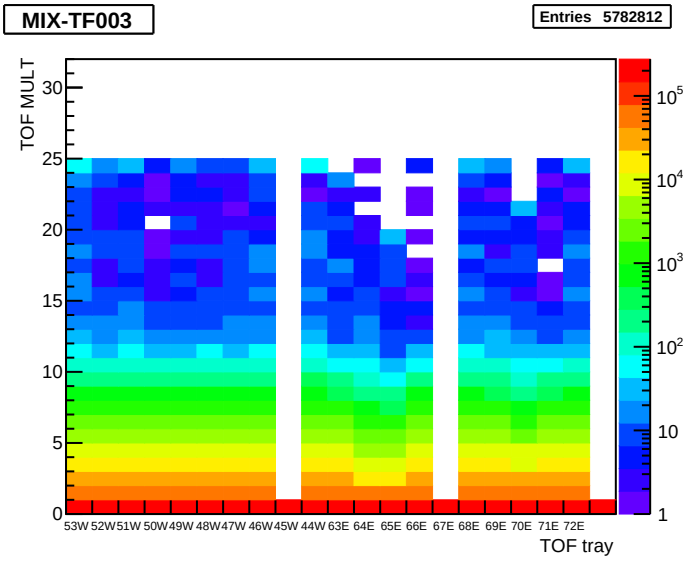

BunchId7Bit (BBC-TAC)
Entries 115381

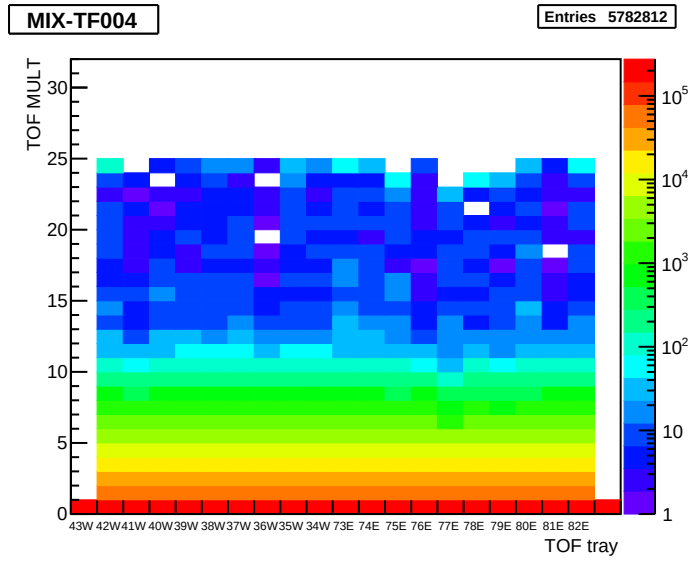

BunchId7Bit (Laser)
Entries 0

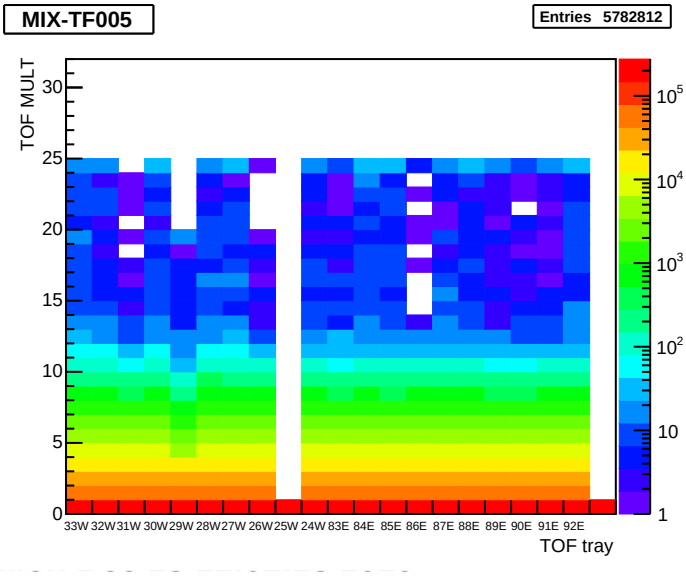

BunchId7Bit (TOFmult window)
Entries 9922

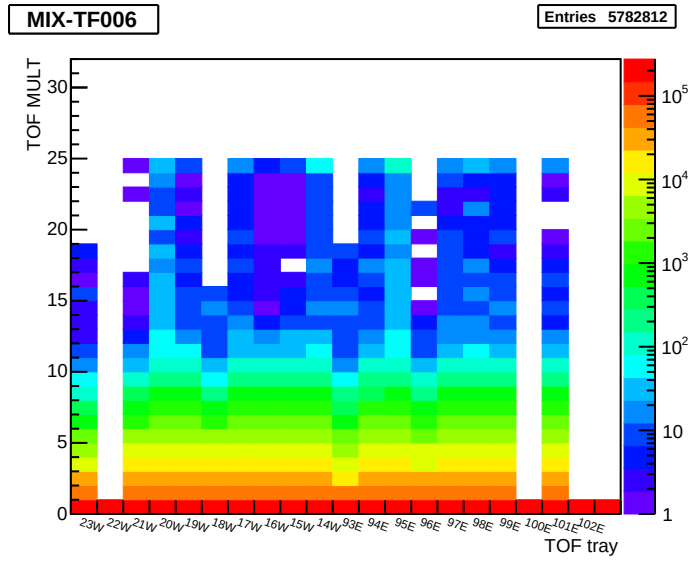

MIX-TF001
Entries 5782812
TOF MULT
TOF tray

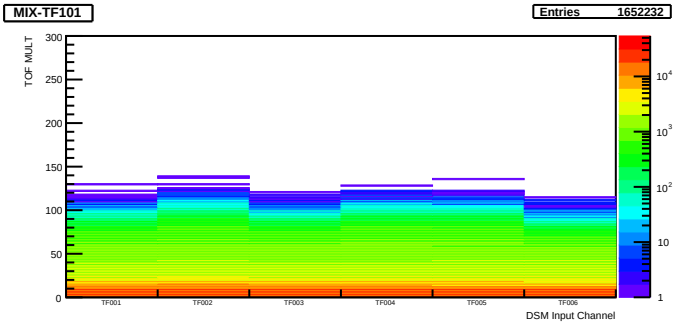

MIX-TF002
Entries 5782812
TOF MULT
TOF tray

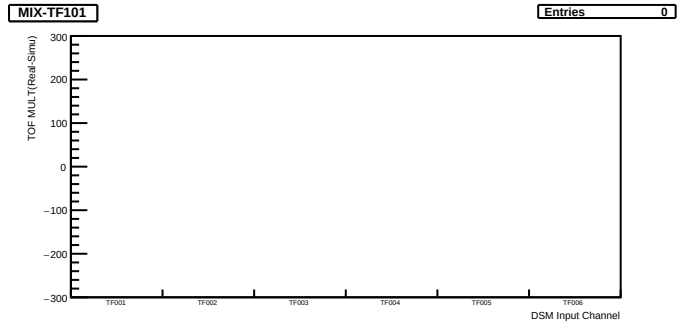

MIX-TF003
Entries 5782812
TOF MULT
TOF tray

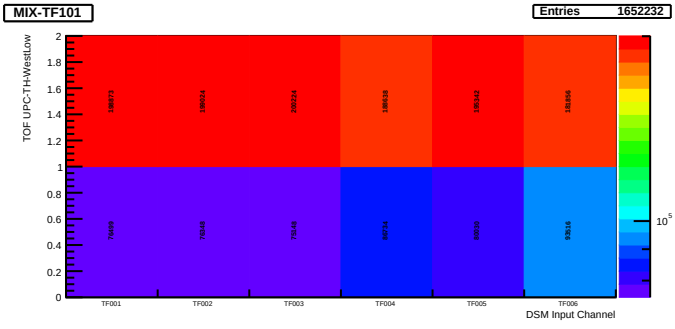

MIX-TF004
Entries 5782812
TOF MULT
TOF tray

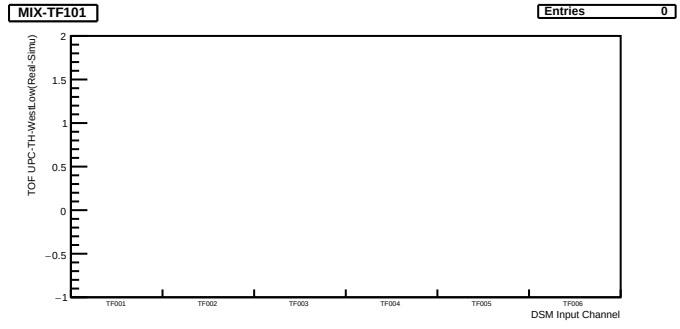

MIX-TF005
Entries 5782812
TOF MULT
TOF tray

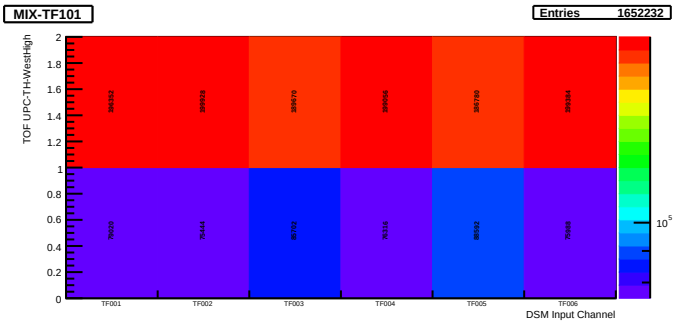

MIX-TF006
Entries 5782812
TOF MULT
TOF tray

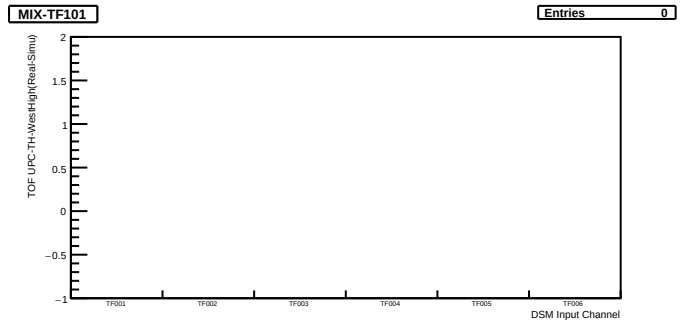

MIX-TF101
Entries 1652232
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

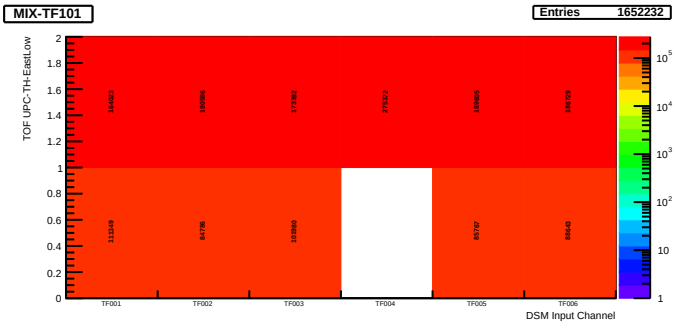

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

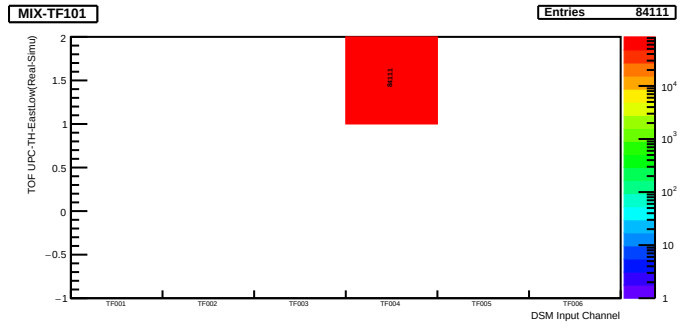

MIX-TF101
Entries 1652232
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

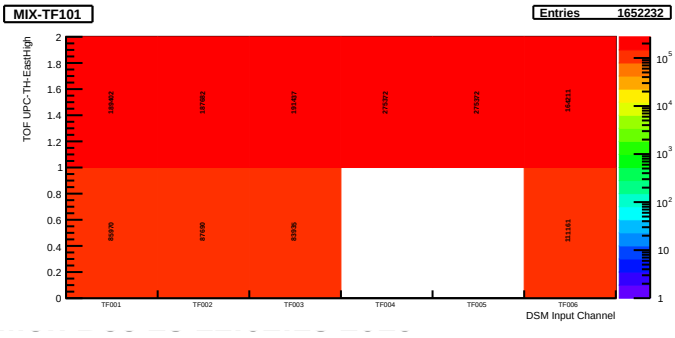

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

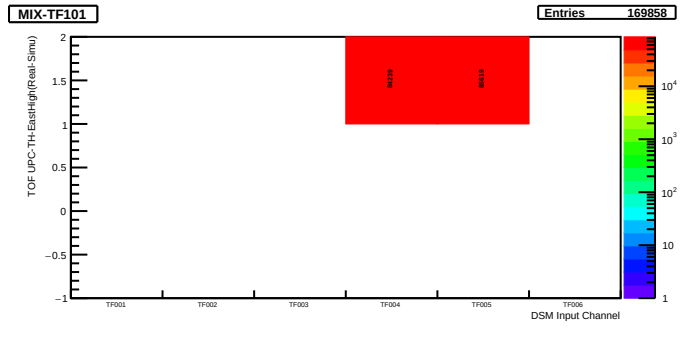

MIX-TF101
Entries 1652232
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

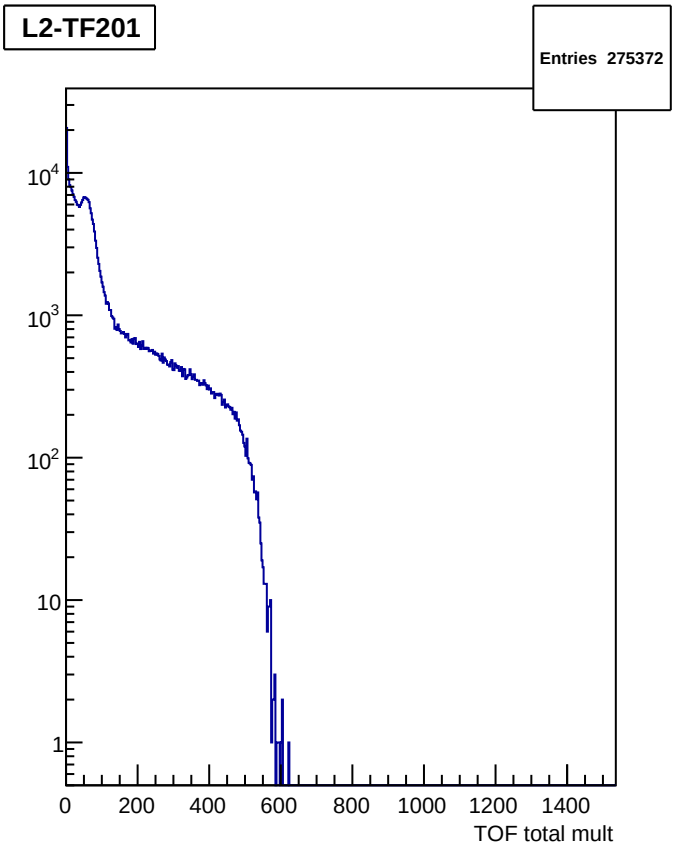

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

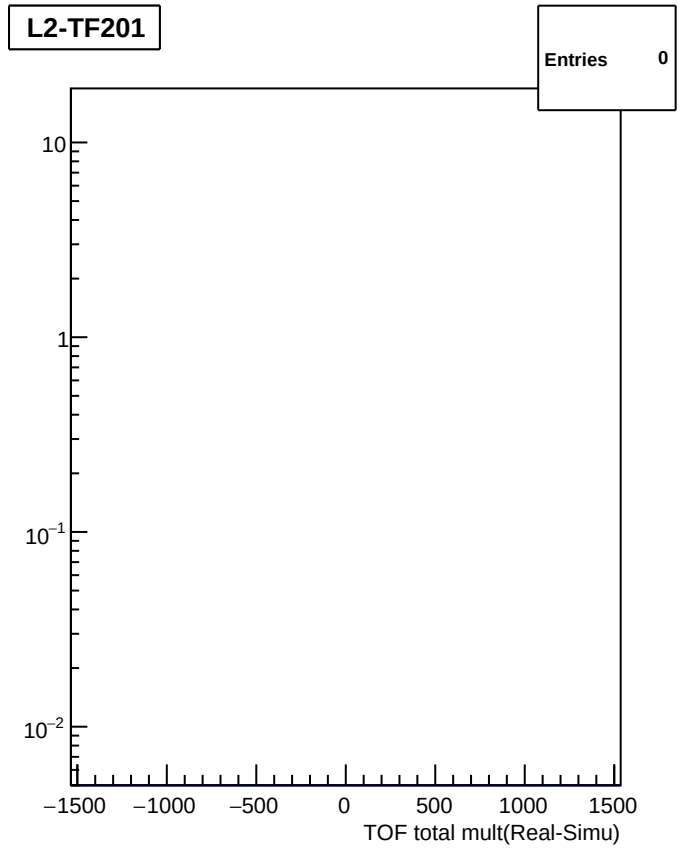

MIX-TF101
Entries 1652232
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

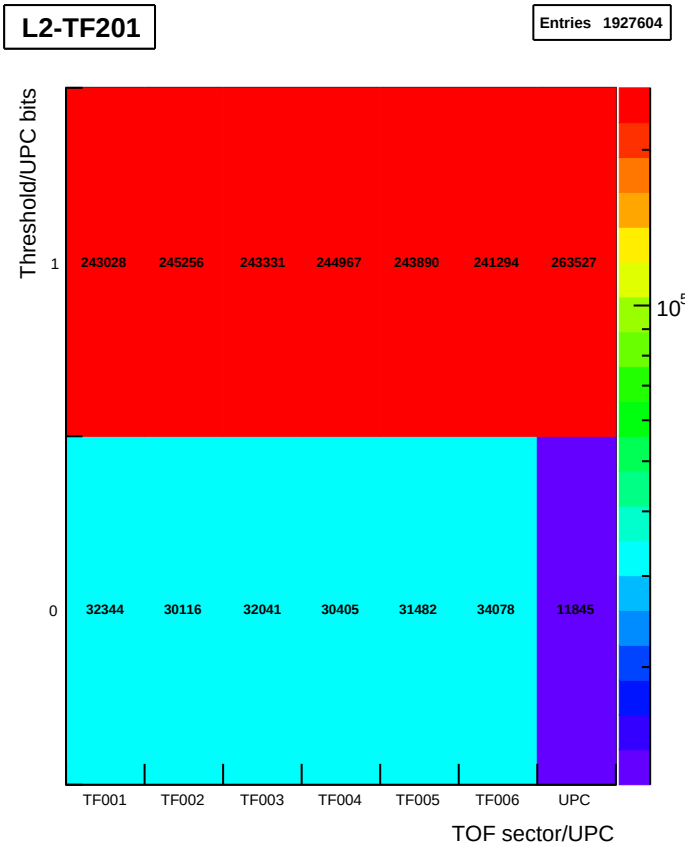

MIX-TF101
Entries 84111
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

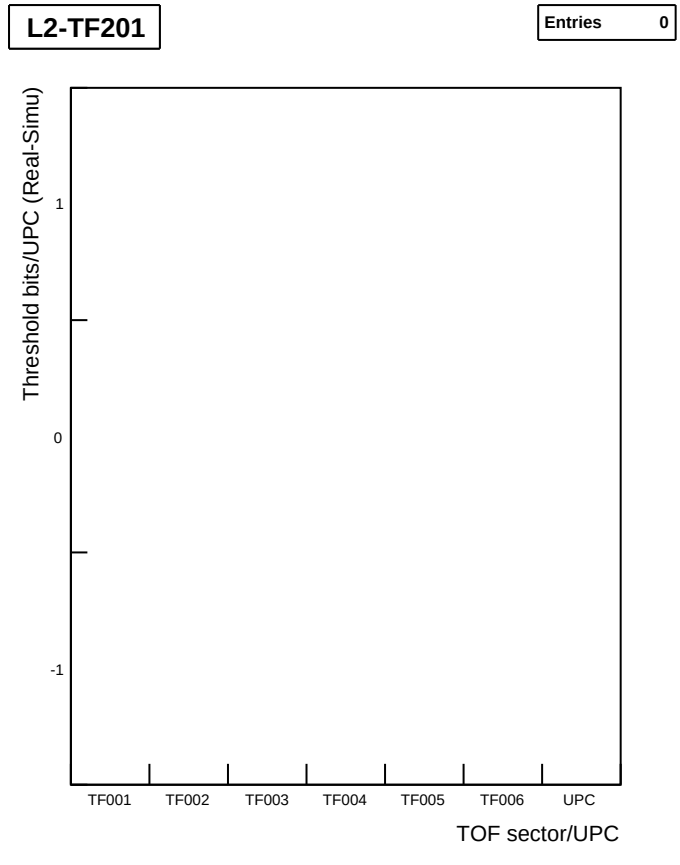

MIX-TF101
Entries 1652232
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

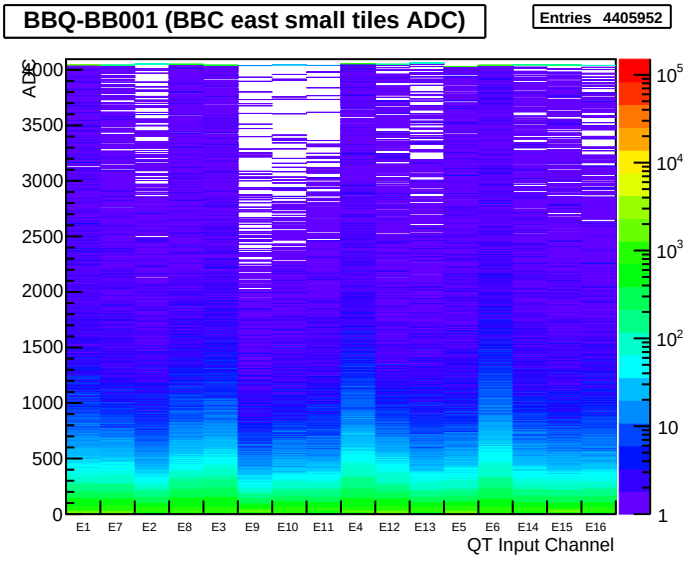

MIX-TF101
Entries 169858
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

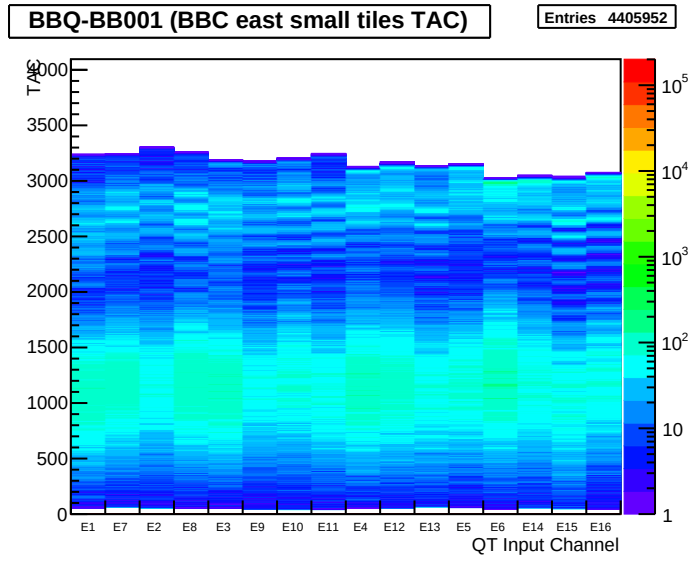

L2-TF201
Entries 275372
TOF total mult

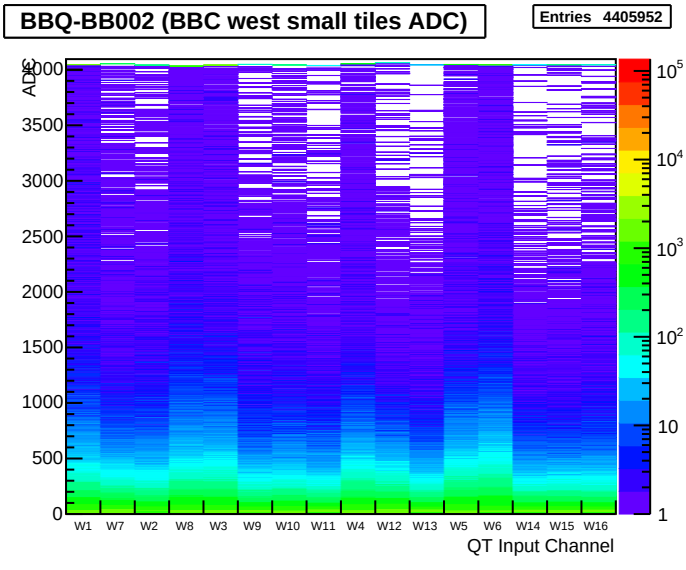

L2-TF201
Entries 0
TOF total mult(Real-Simu)

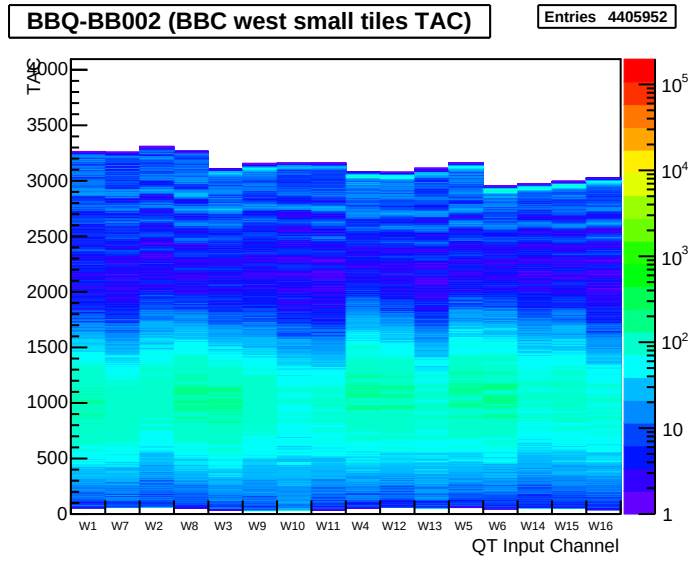

L2-TF201
Entries 1927604
Threshold/UPC bits
243028
245256
243331
244967
243890
241294
263527
32344
30116
32041
30405
31482
34078
11845
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

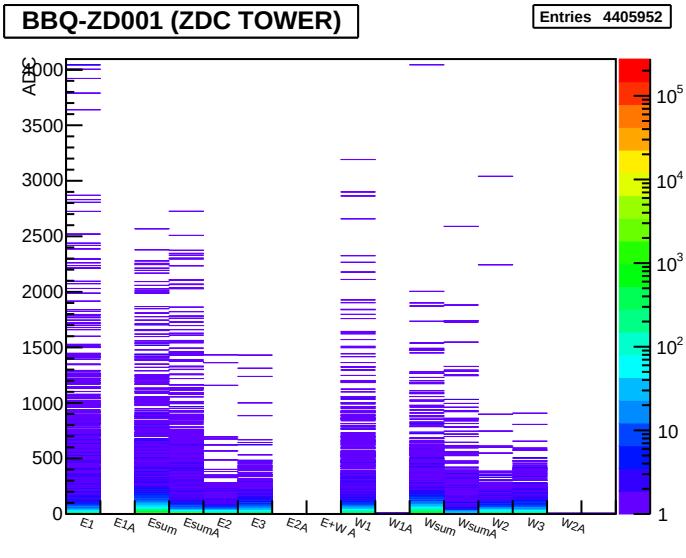

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

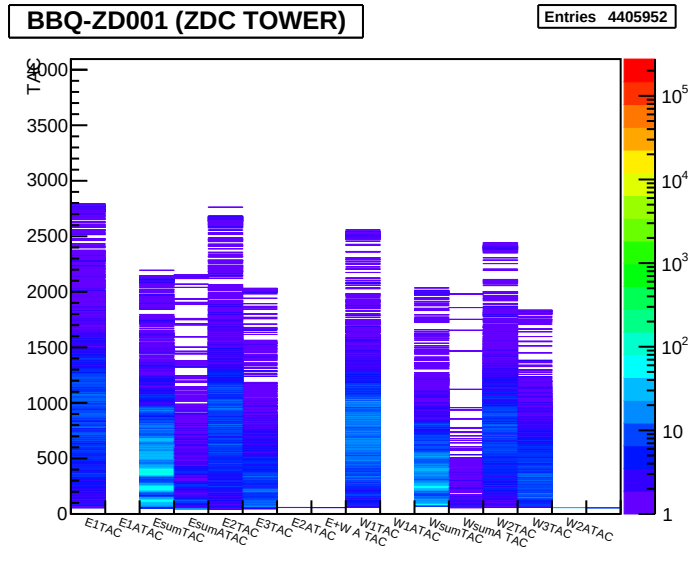

BBQ-BB001 (BBC east small tiles ADC)
Entries 4405952
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

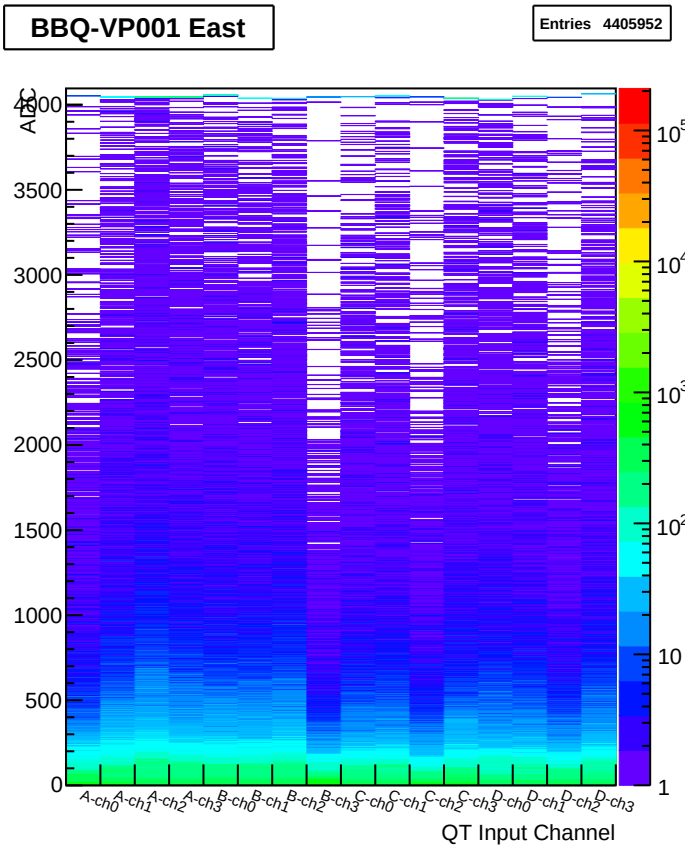

BBQ-BB001 (BBC east small tiles TAC)
Entries 4405952
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

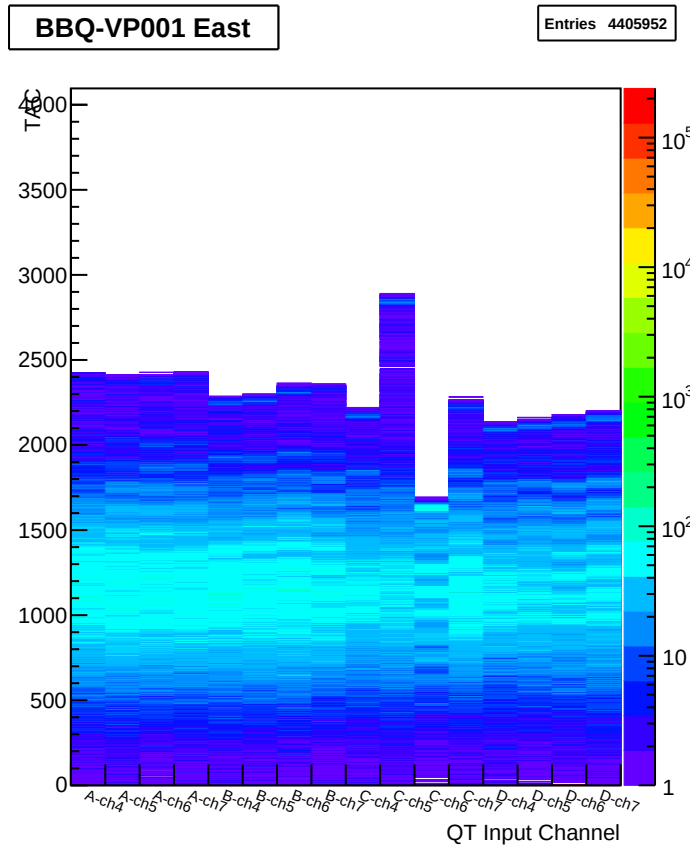

BBQ-BB002 (BBC west small tiles ADC)
Entries 4405952
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

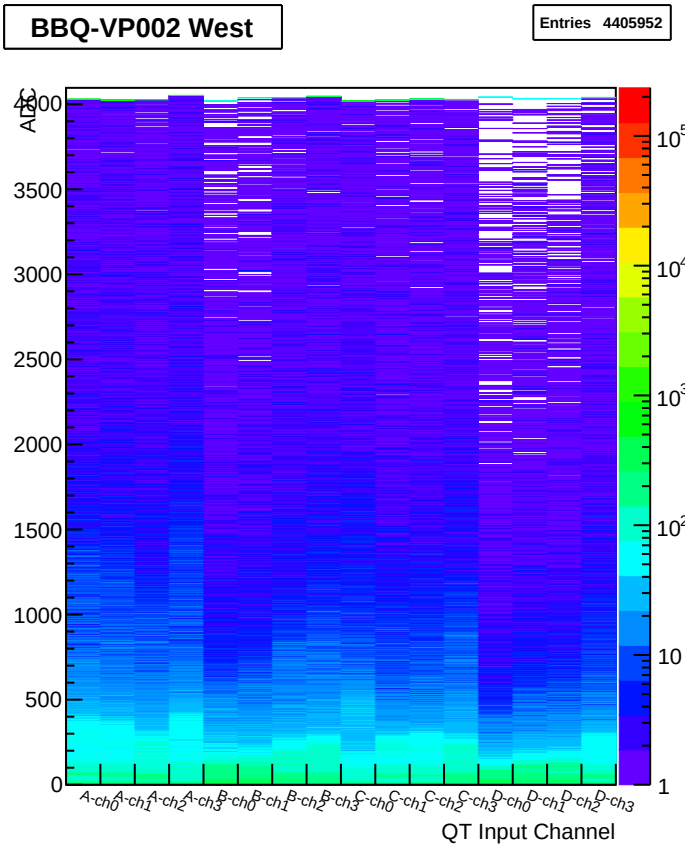

BBQ-BB002 (BBC west small tiles TAC)
Entries 4405952
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

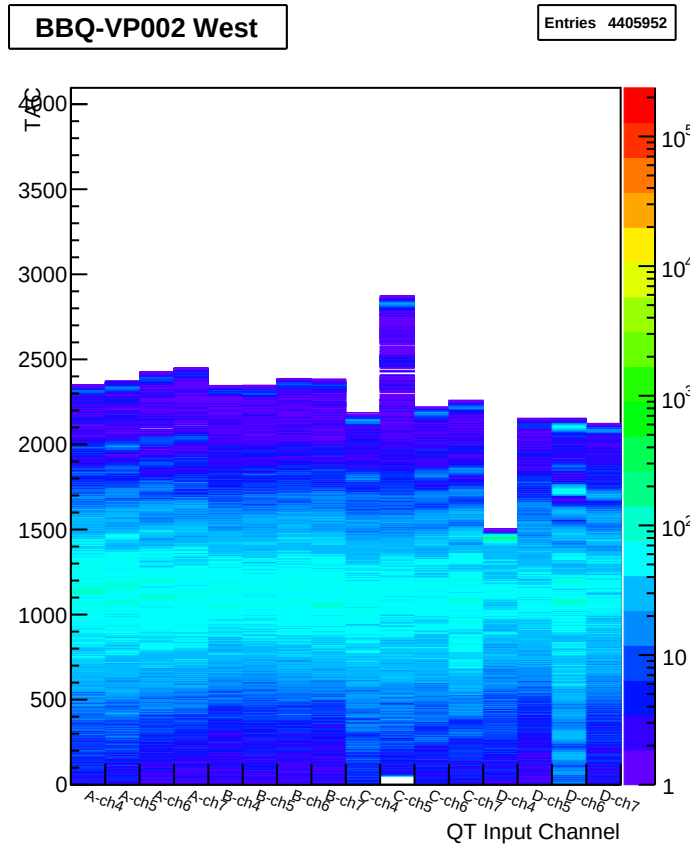

BBQ-ZD001 (ZDC TOWER)
Entries 4405952
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

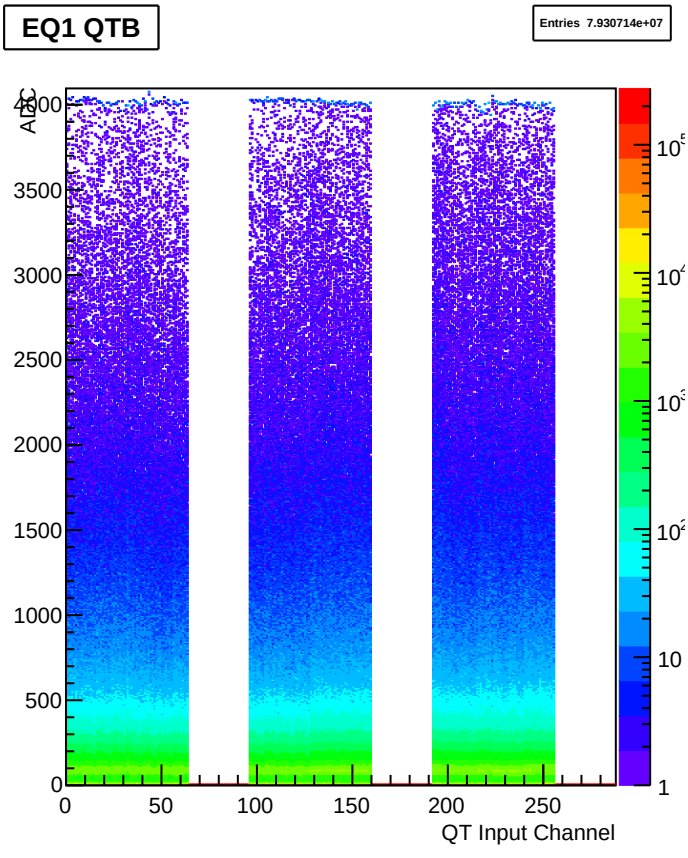

BBQ-ZD001 (ZDC TOWER)
Entries 4405952
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

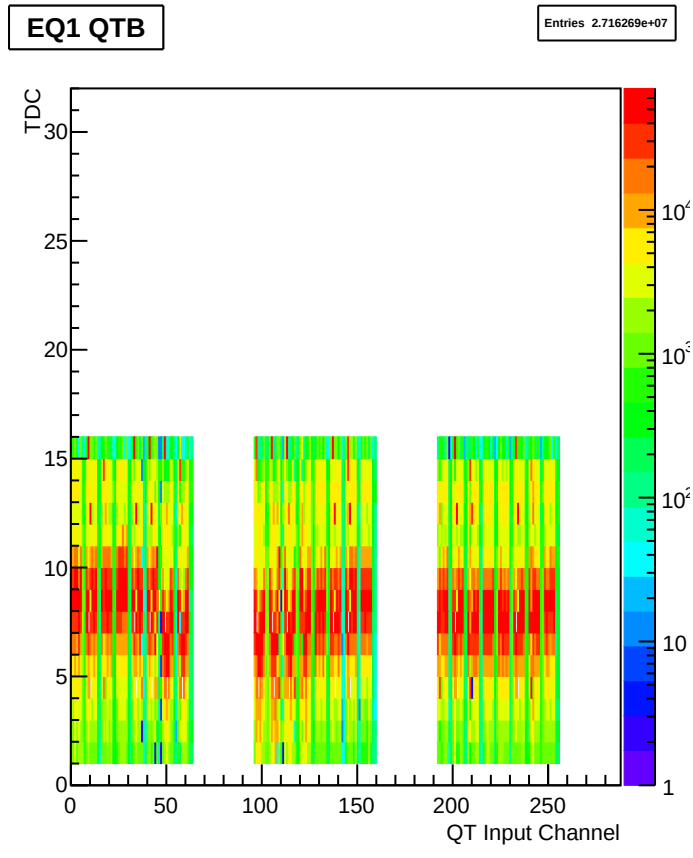

BBQ-VP001 East
Entries 4405952
ADC
QT Input Channel

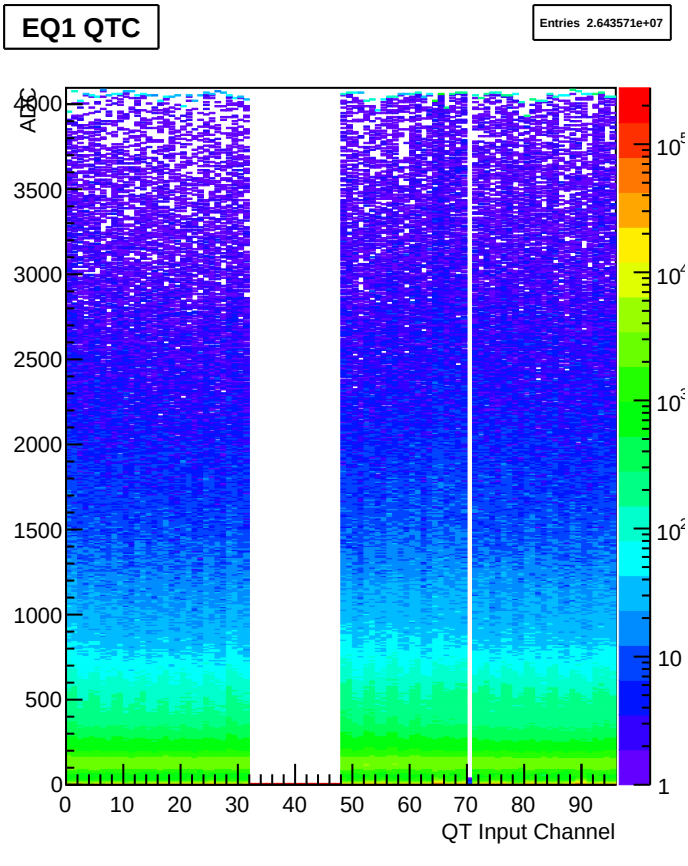

BBQ-VP001 East
Entries 4405952
TADC
QT Input Channel

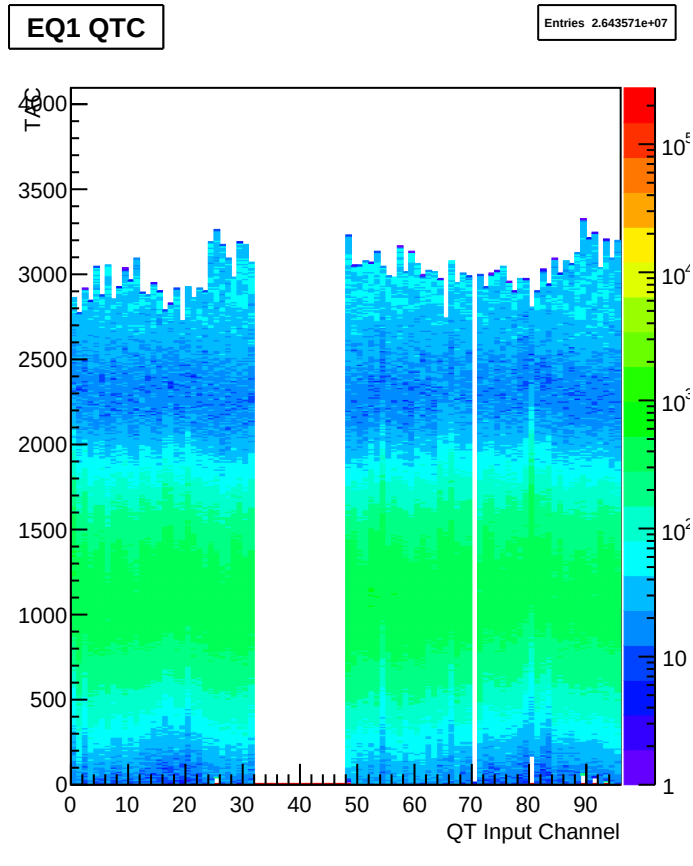

BBQ-VP002 West
Entries 4405952
ADC
QT Input Channel

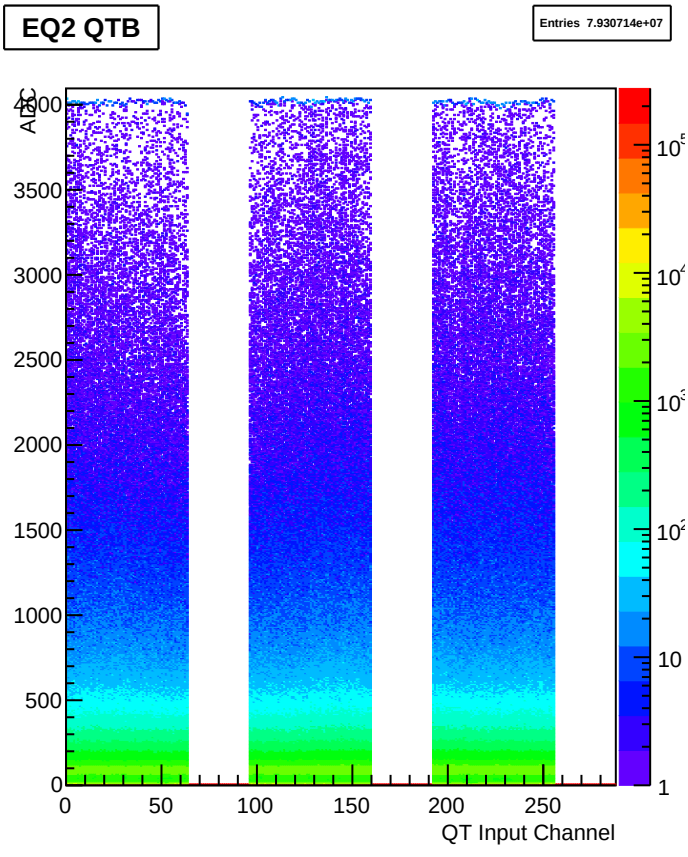

BBQ-VP002 West
Entries 4405952
TADC
QT Input Channel

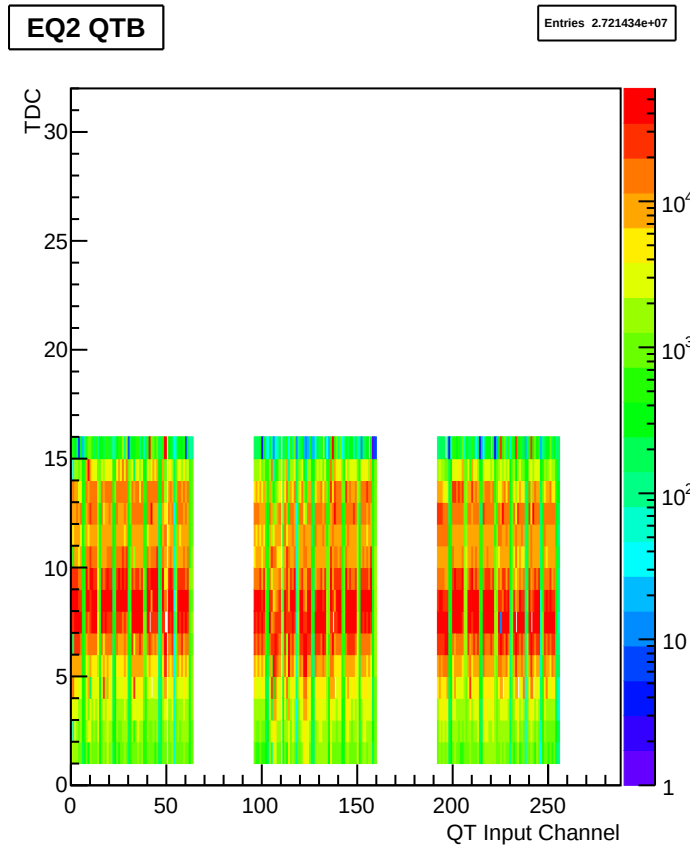

EQ1 QTB
Entries 7.930714e+07
ADC
QT Input Channel

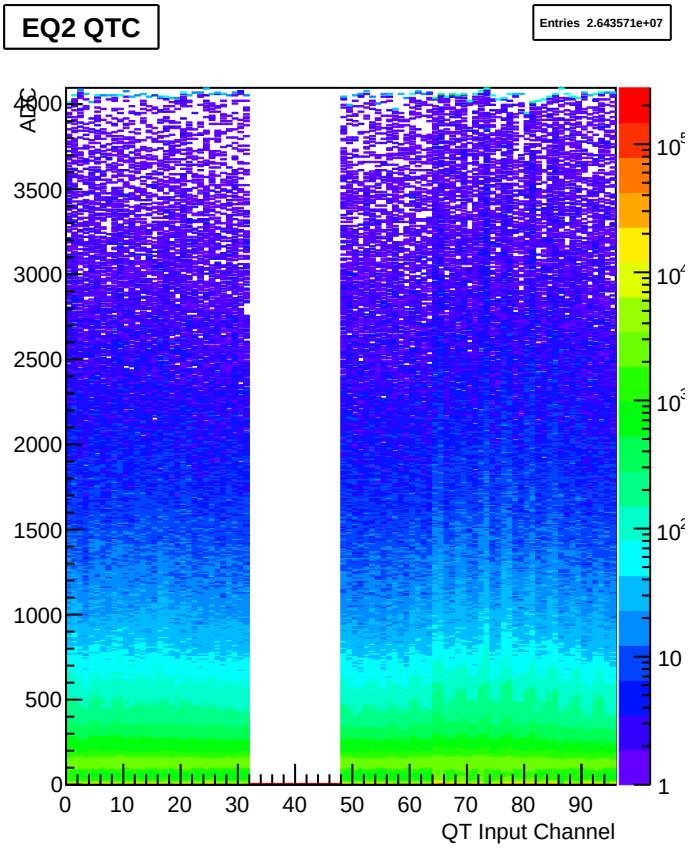

EQ1 QTB
Entries 2.716269e+07
TDC
QT Input Channel

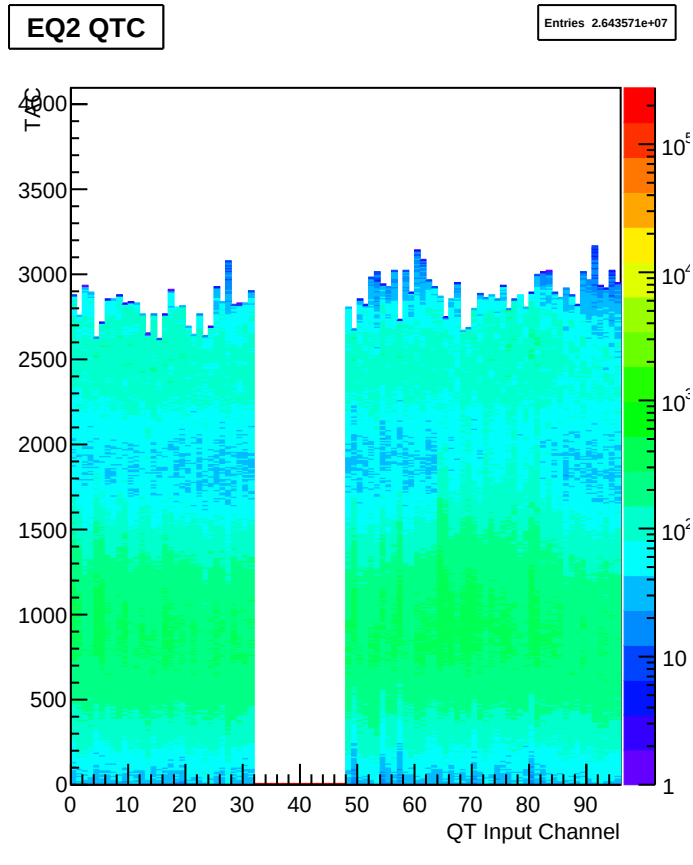

EQ1 QTC
Entries 2.643571e+07
ADC
QT Input Channel

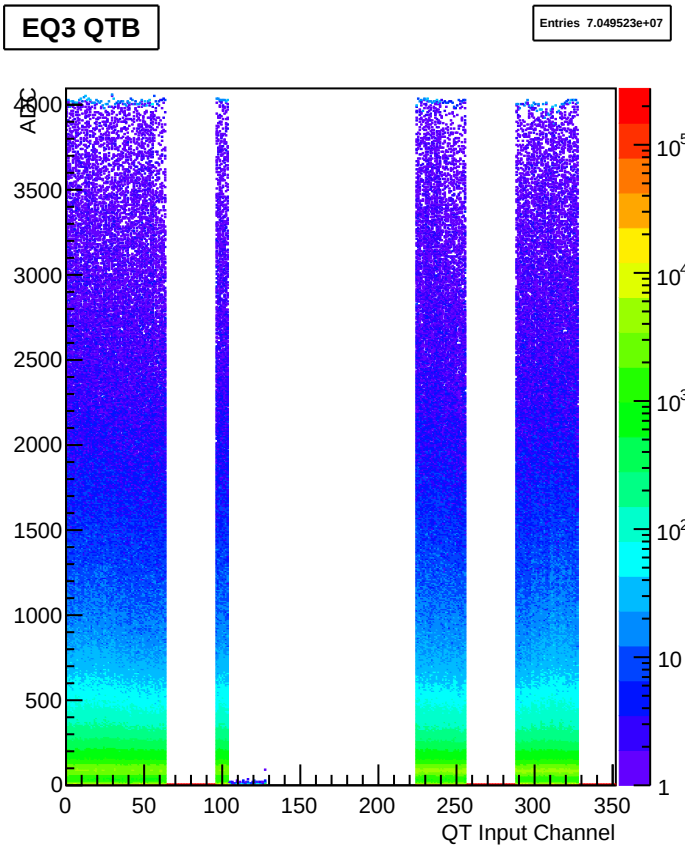

EQ1 QTC
Entries 2.643571e+07
TADC
QT Input Channel

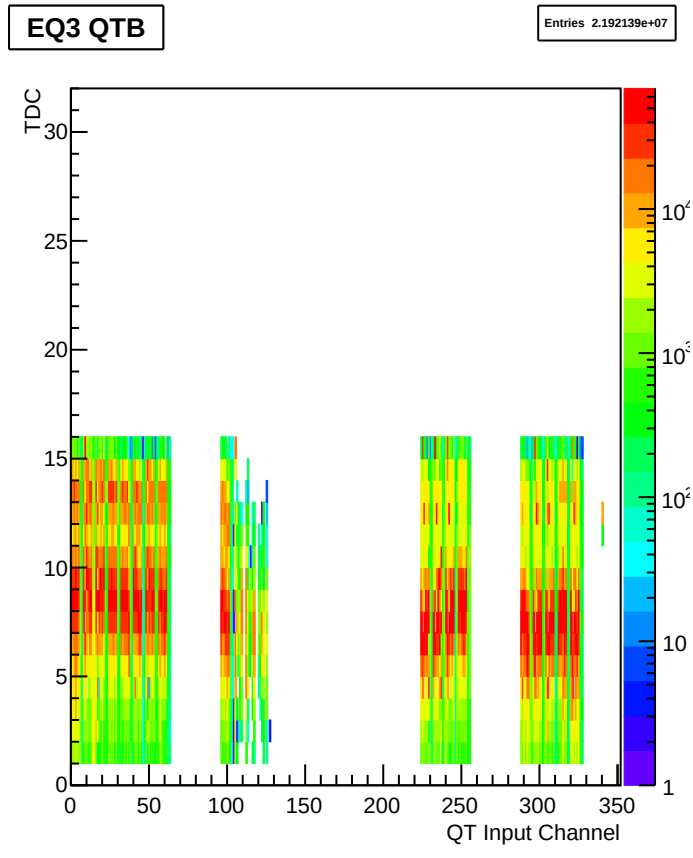

EQ2 QTB
Entries 7.930714e+07
ADC
QT Input Channel

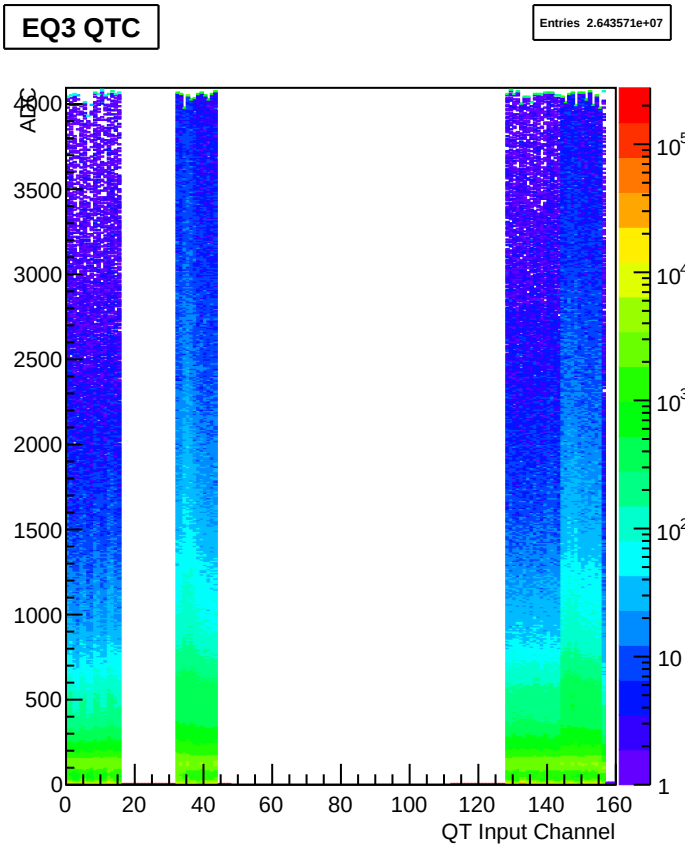

EQ2 QTB
Entries 2.721434e+07
TDC
QT Input Channel

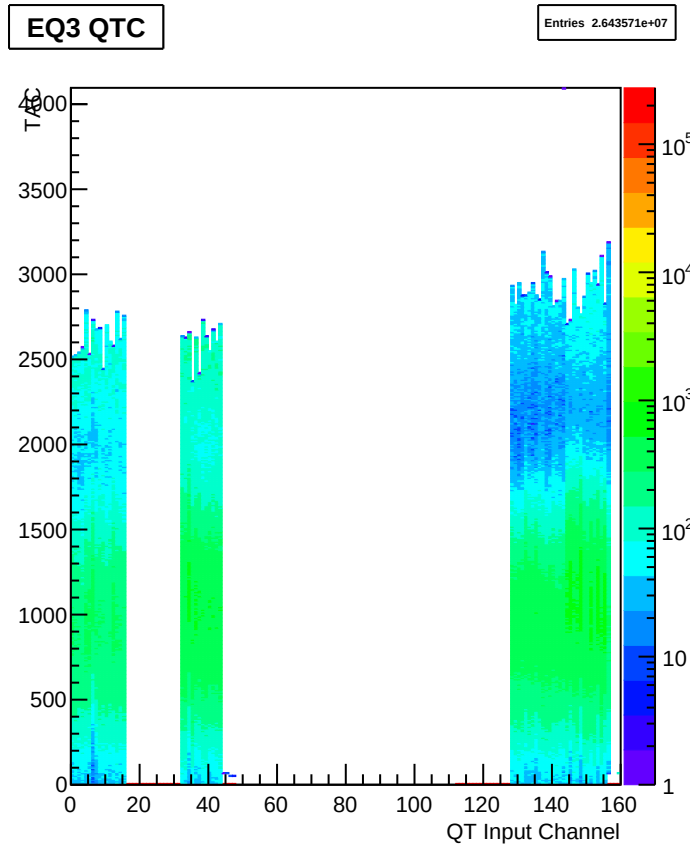

EQ2 QTC
Entries 2.643571e+07
ADC
QT Input Channel

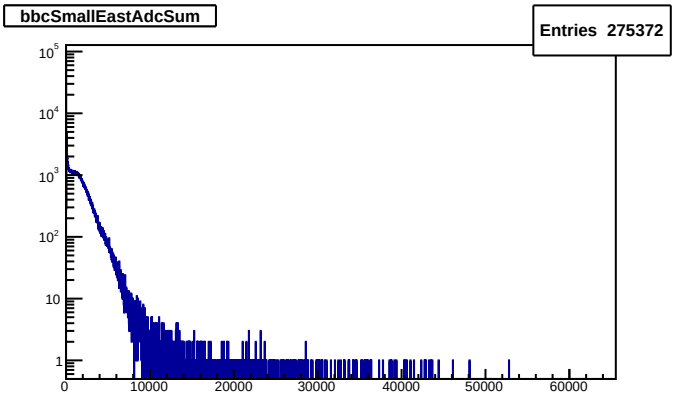

EQ2 QTC
Entries 2.643571e+07
TADC
QT Input Channel

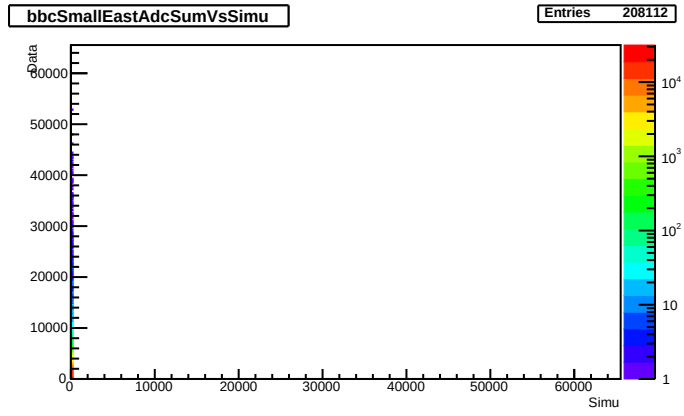

EQ3 QTB
Entries 7.049523e+07
ADC
QT Input Channel

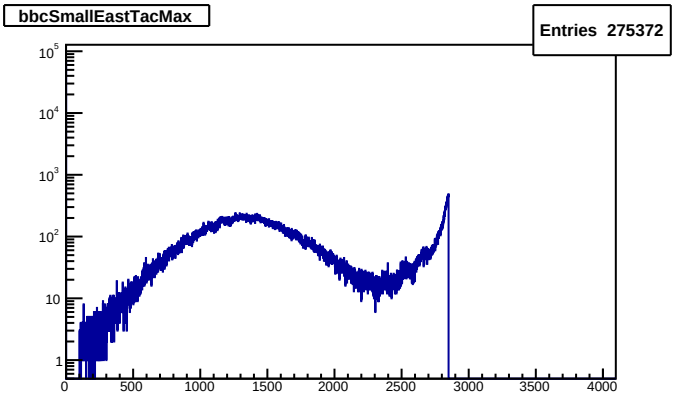

EQ3 QTB
Entries 2.192139e+07
TDC
QT Input Channel

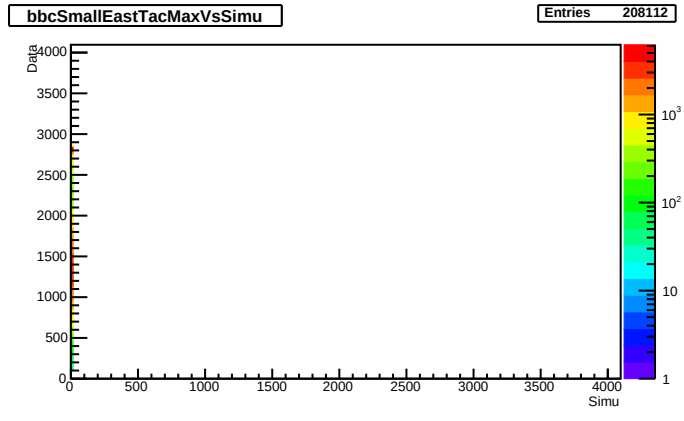

EQ3 QTC
Entries 2.643571e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.643571e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 275372


bbcSmallEastAdcSumVsSimu
Entries 208112
Data
Simu


bbcSmallEastTacMax
Entries 275372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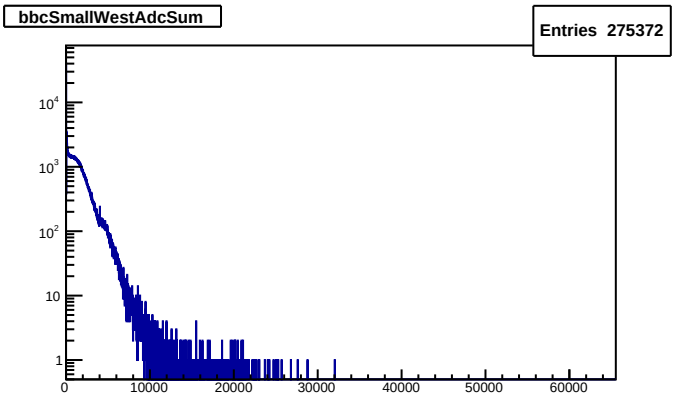
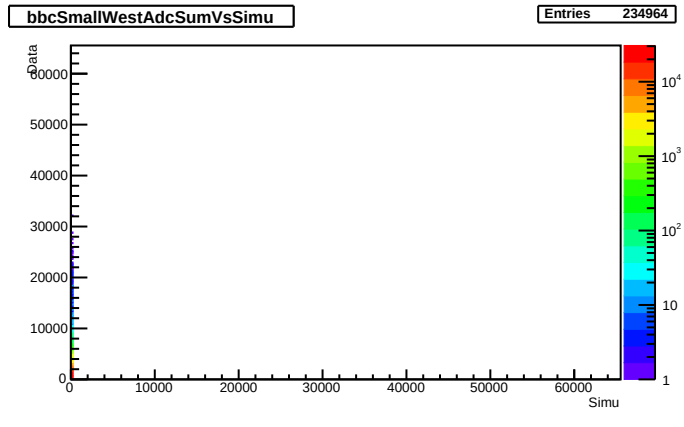
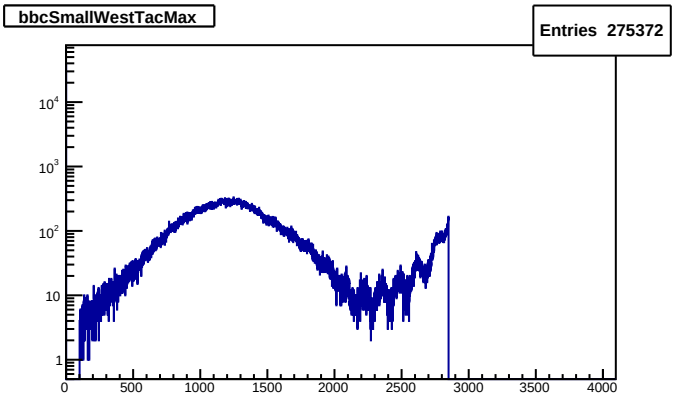
Entries 208112
Data
Simu


bbcSmallWestAdcSum
Entries 275372


bbcSmallWestAdcSumVsSimu
Entries 234964
Data
Simu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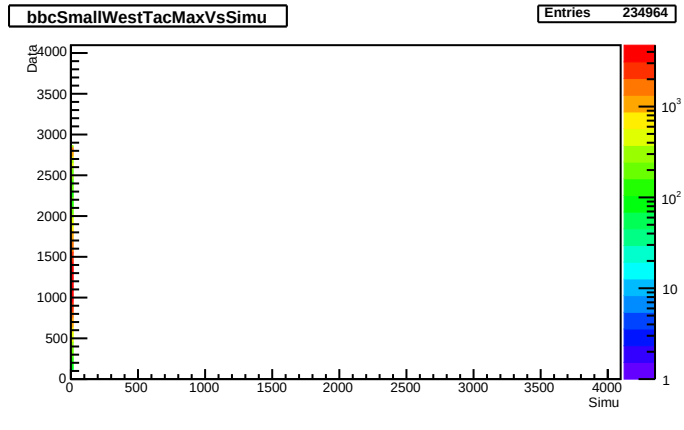
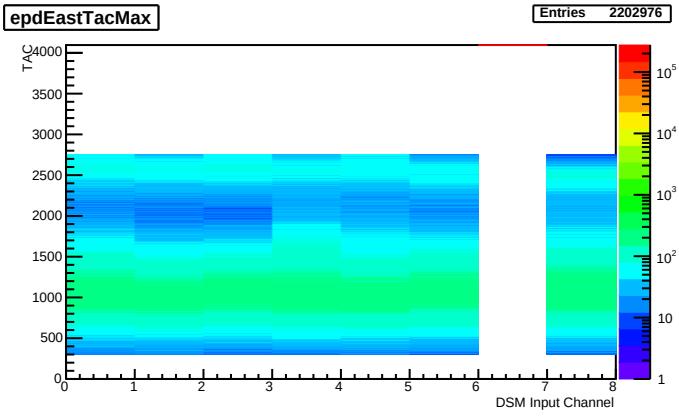
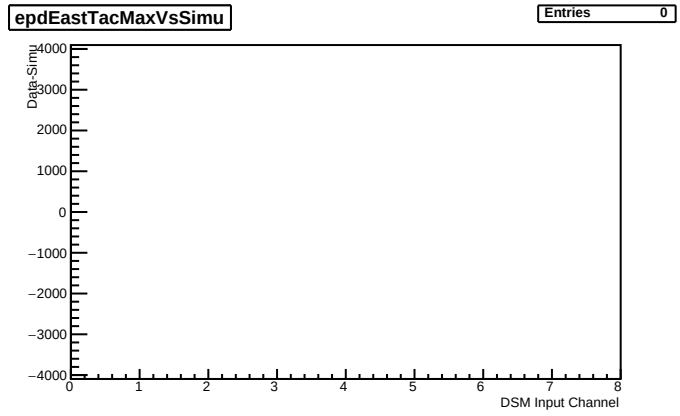
Entries 275372


bbcSmallWestTacMaxVsSimu
Entries 234964
Data
Simu


epdEastTacMax
Entries 2202976
TAC
DSM Input Channel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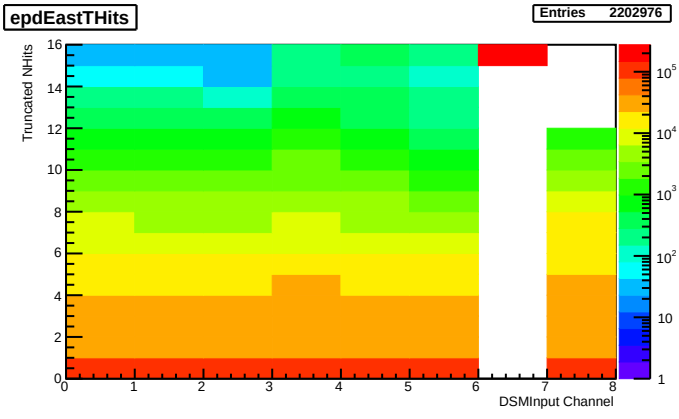
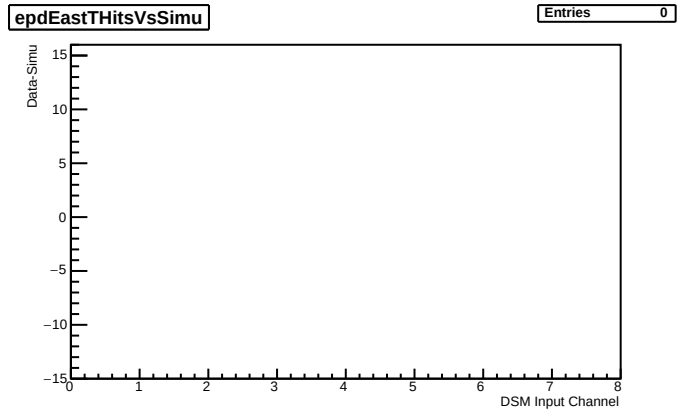
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2202976
Truncated NHits
DSMInput Channel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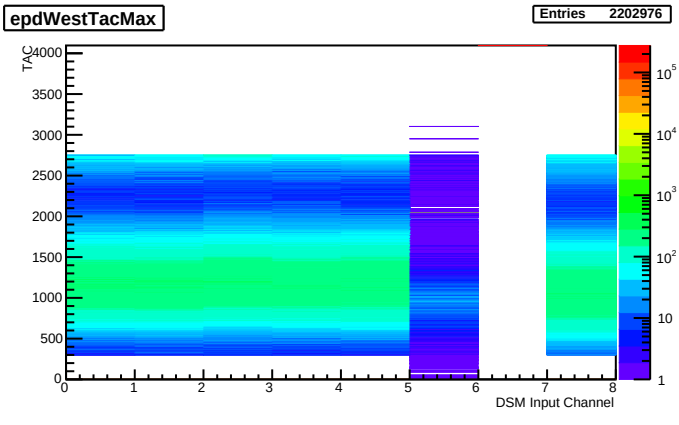
Data-Simu
DSM Input Channel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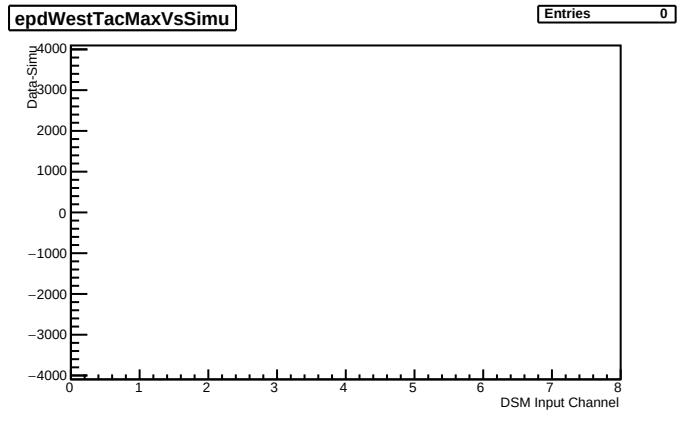
Entries 2202976
TAC
DSM Input Channel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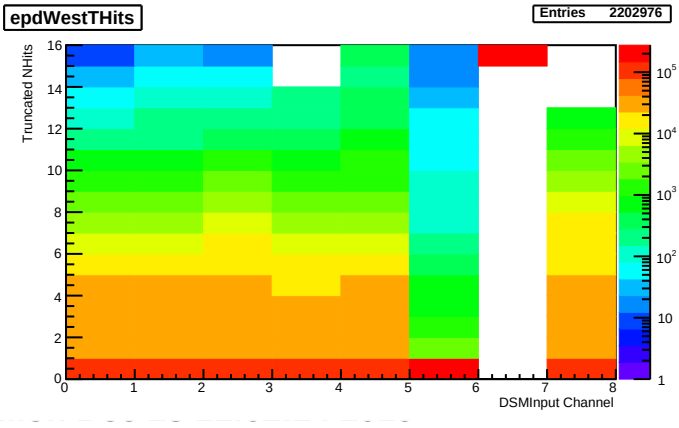
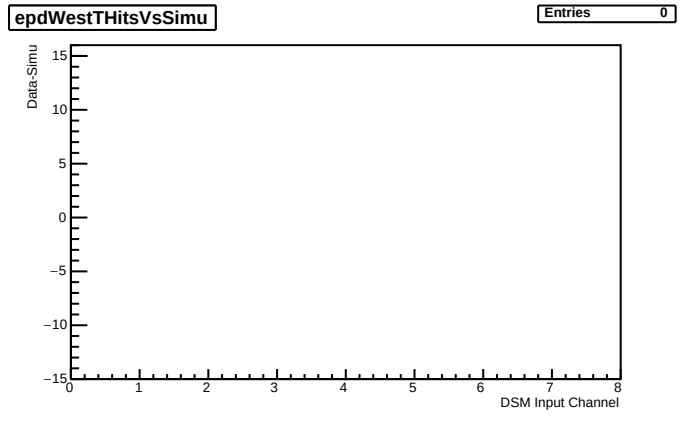
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2202976
Truncated NHits
DSMInput Channel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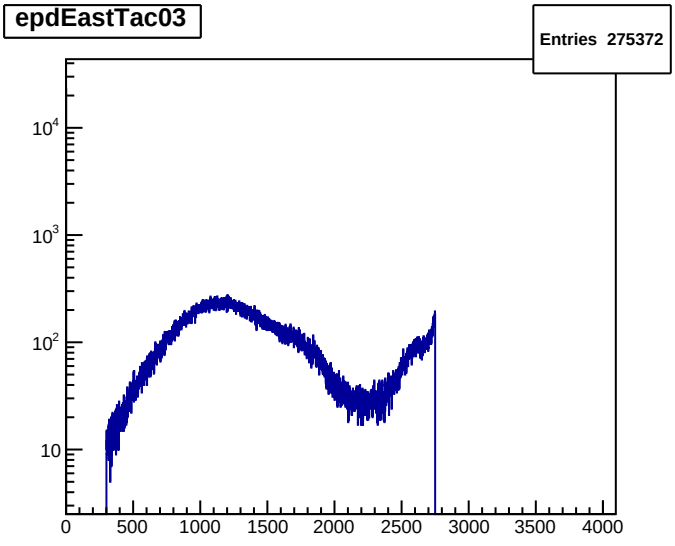
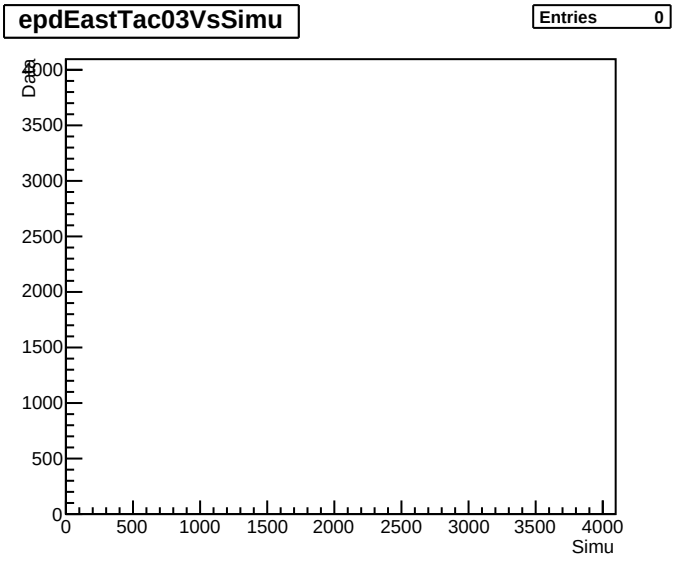
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 275372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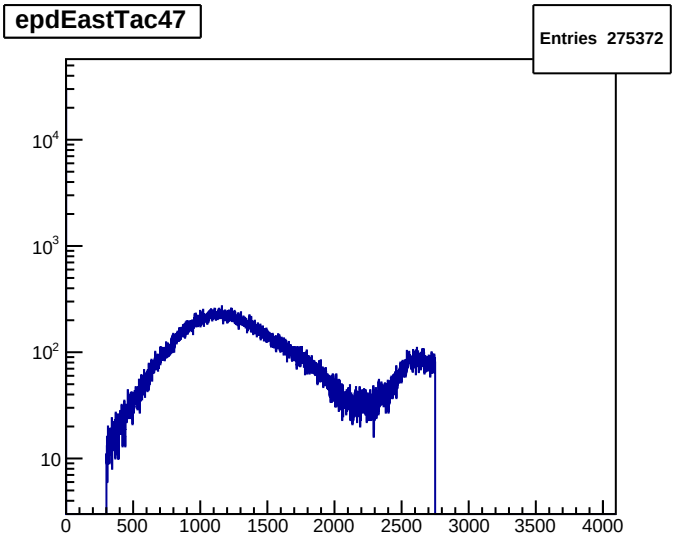
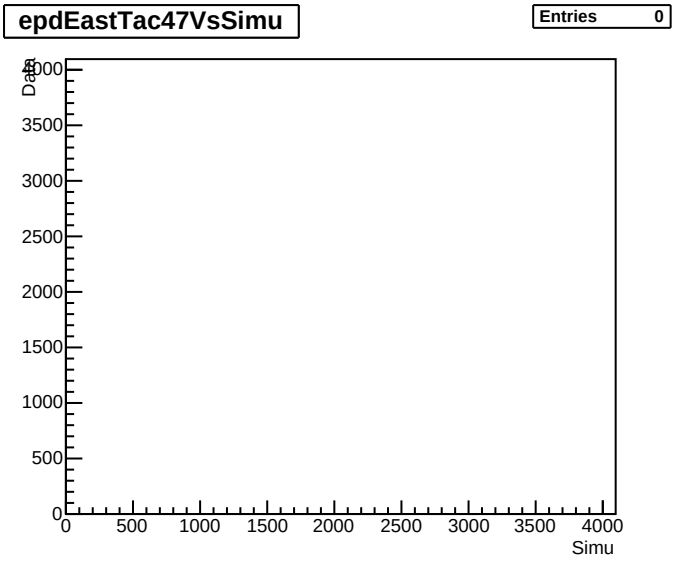
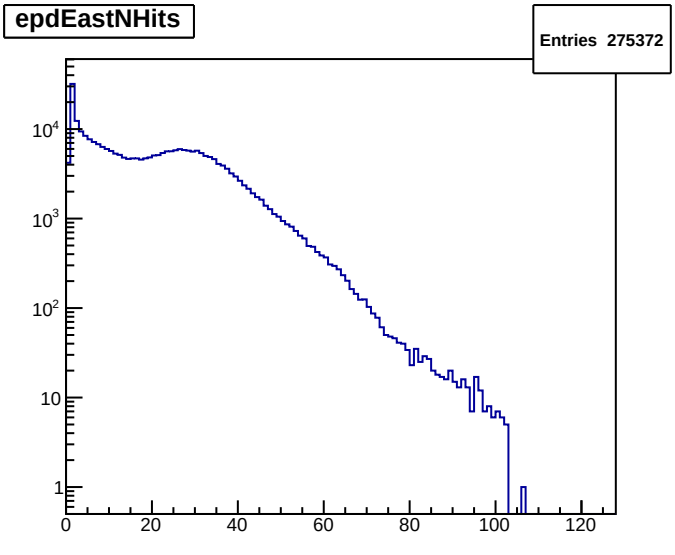
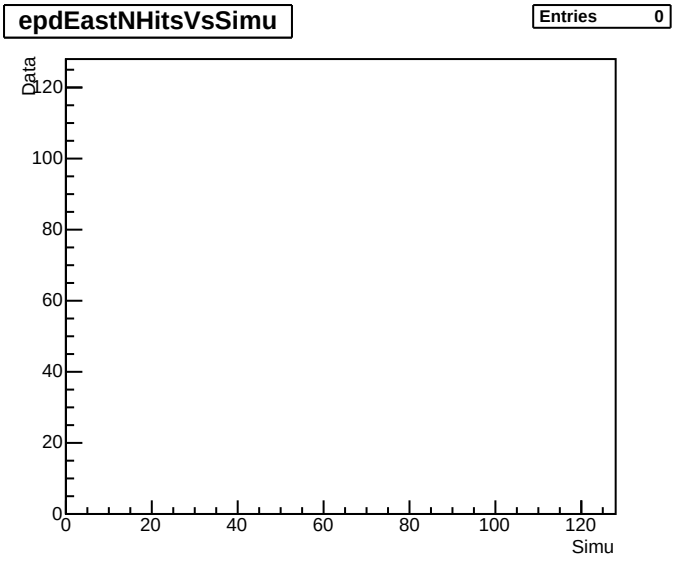
Entries 0
Data
Simu


epdEastTac47
Entries 275372


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 275372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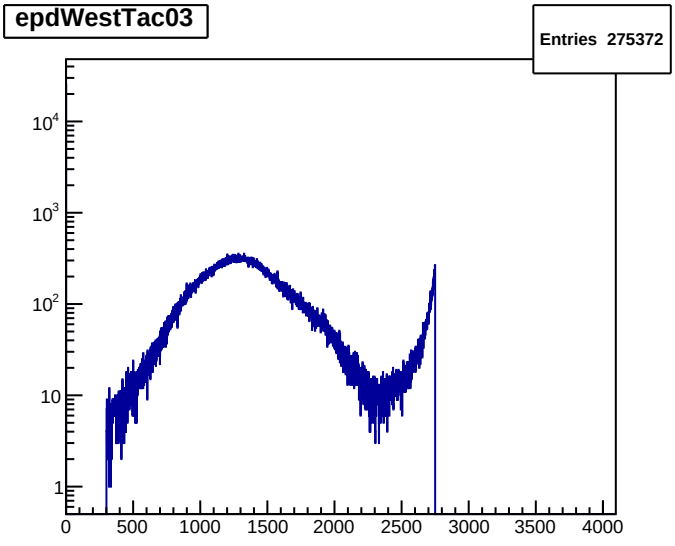
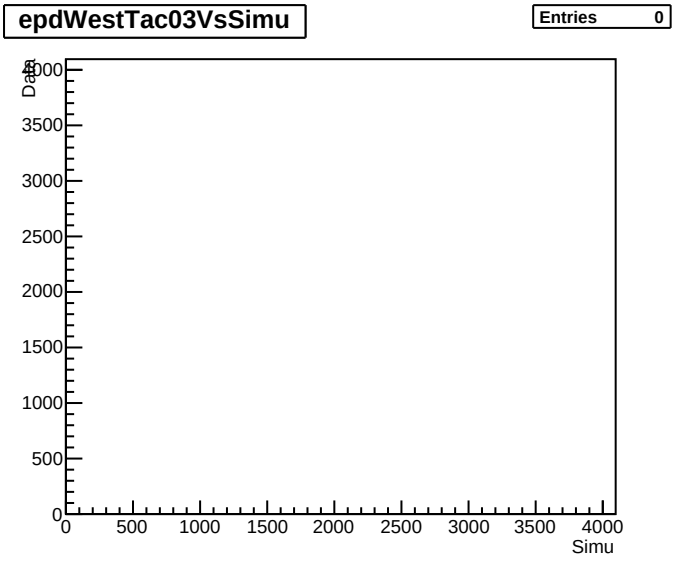
Entries 0
Data
Simu


epdWestTac03
Entries 275372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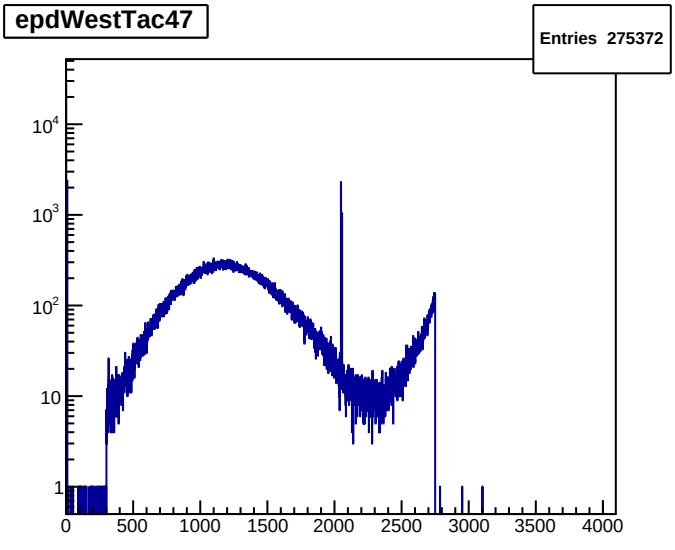
Entries 0
Data
Simu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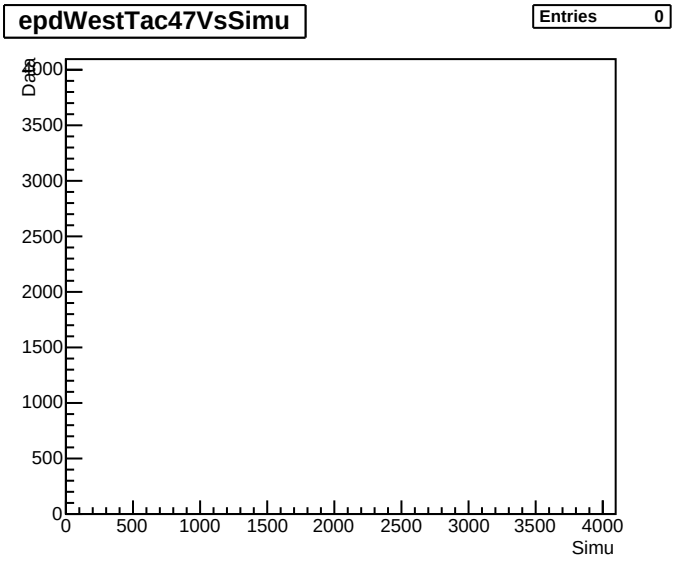
Entries 275372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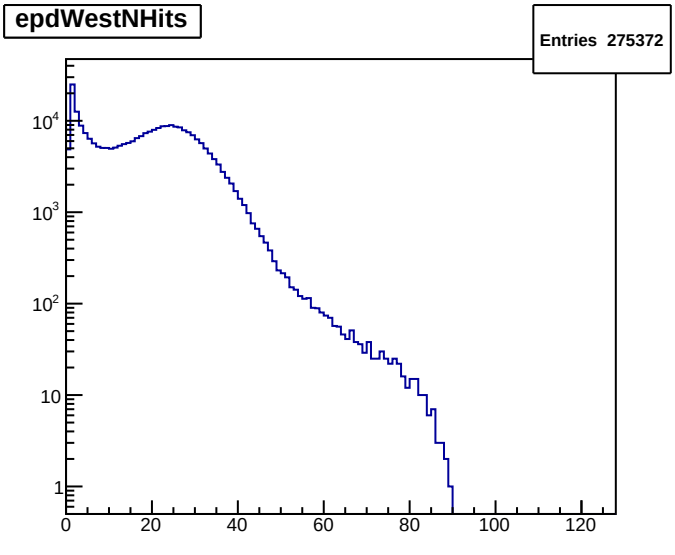
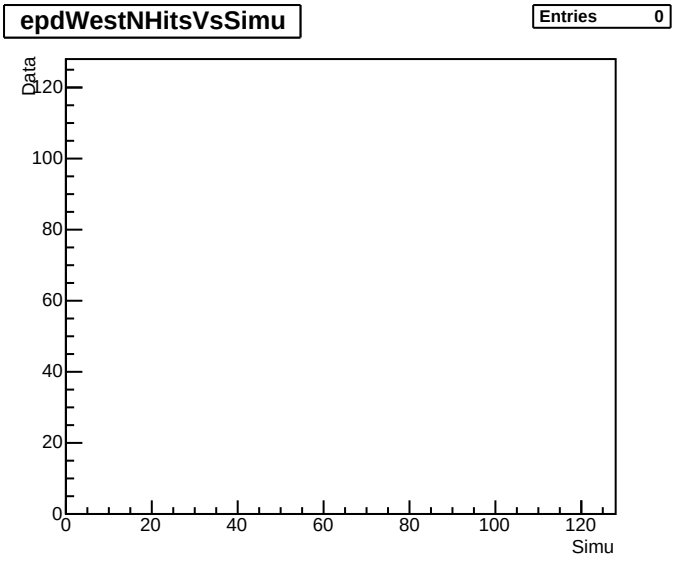
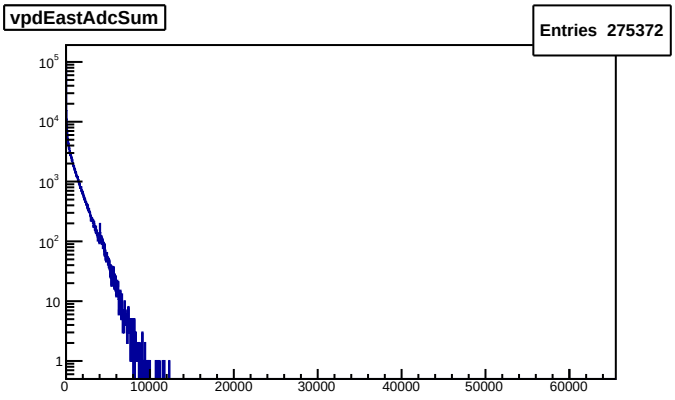
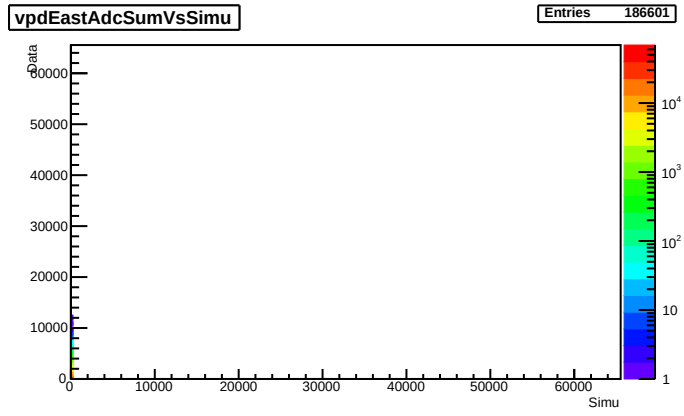
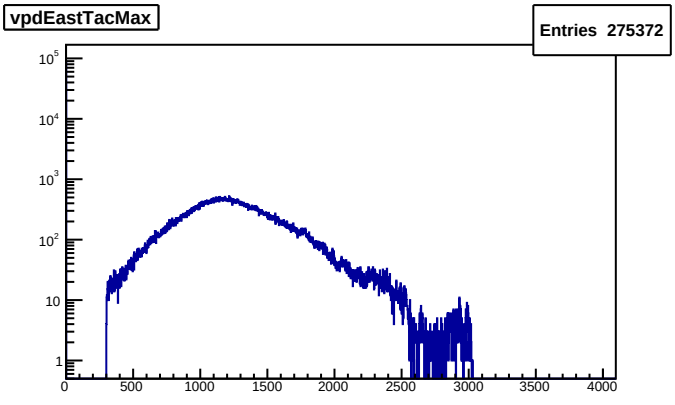
Entries 0
Data
Simu

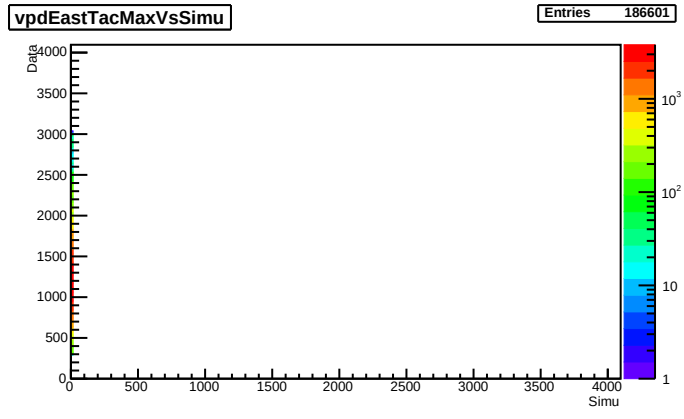

epdWestNHits
Entries 275372

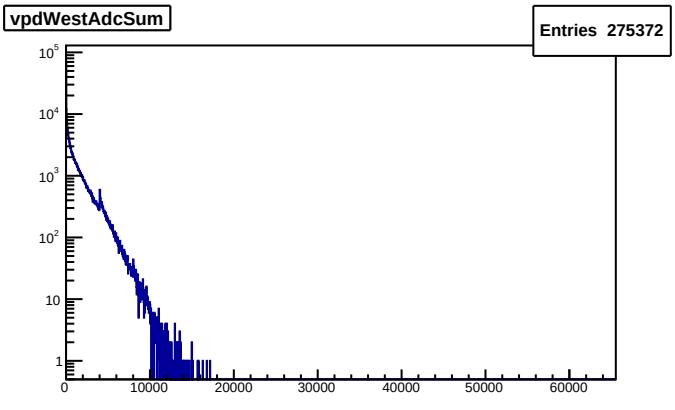

epdWestNHitsVsSimu
Entries 0
Data
Simu

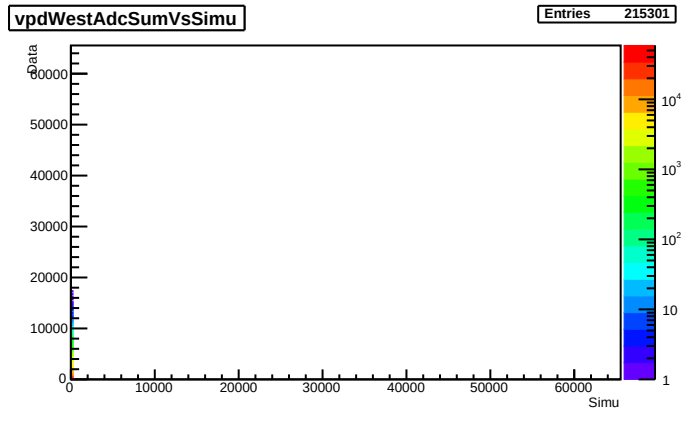

vpdEastAdcSum
Entries 275372

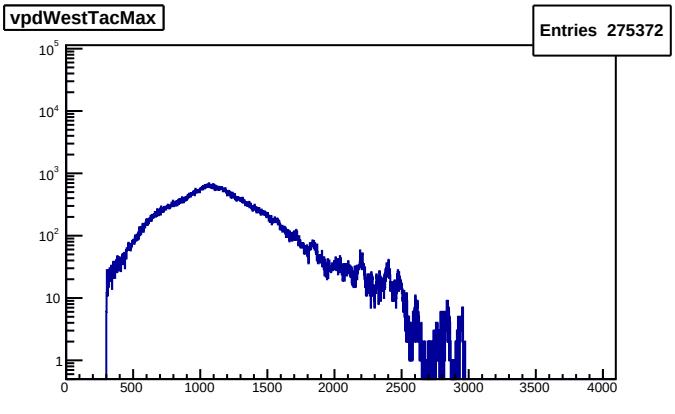

vpdEastAdcSumVsSimu
Entries 186601
Data
Simu

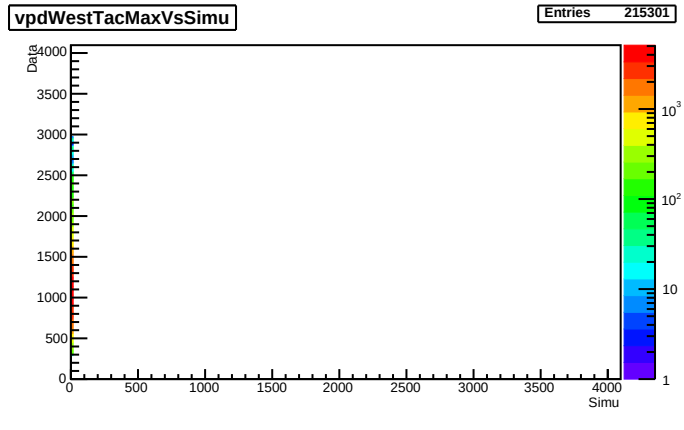

vpdEastTacMax
Entries 275372

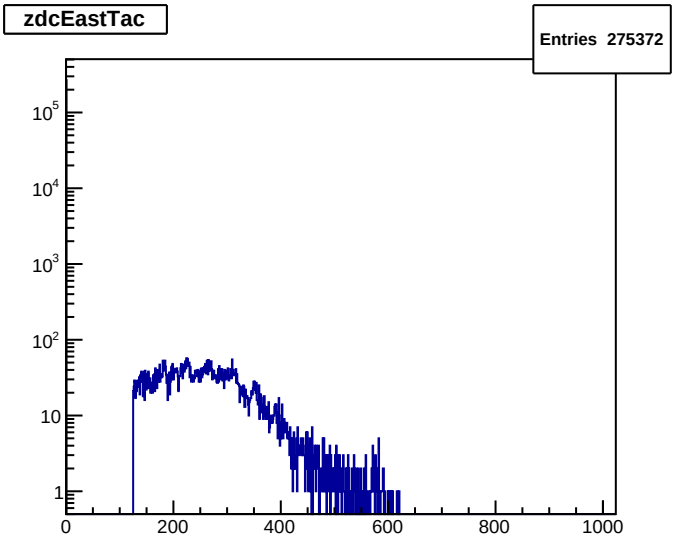

vpdEastTacMaxVsSimu
Entries 186601
Data
Simu

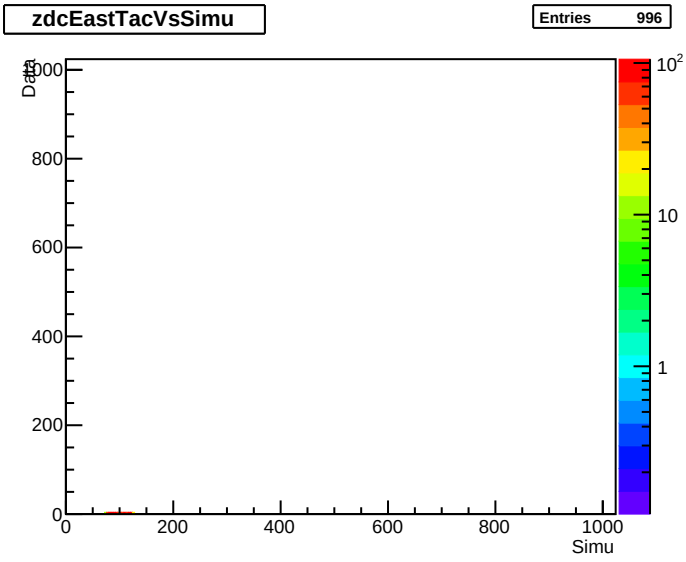

vpdWestAdcSum
Entries 275372

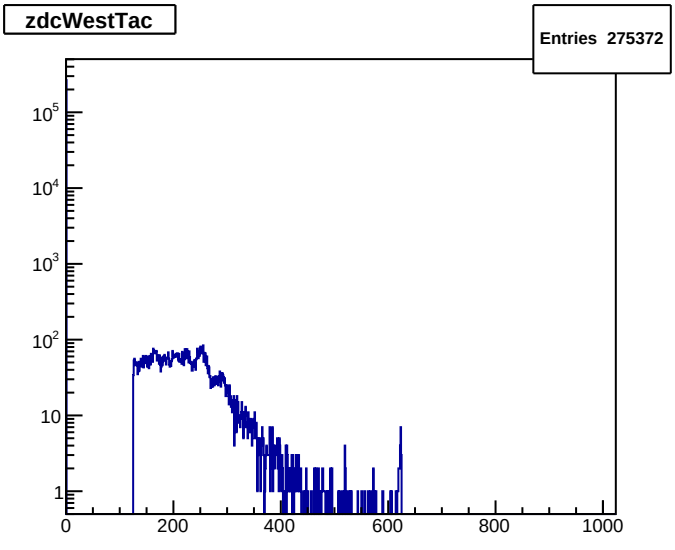

vpdWestAdcSumVsSimu
Entries 215301
Data
Simu

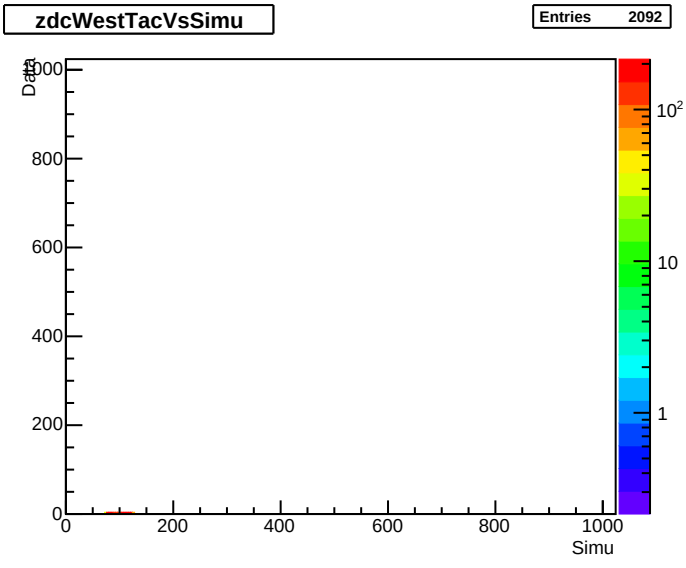

vpdWestTacMax
Entries 275372

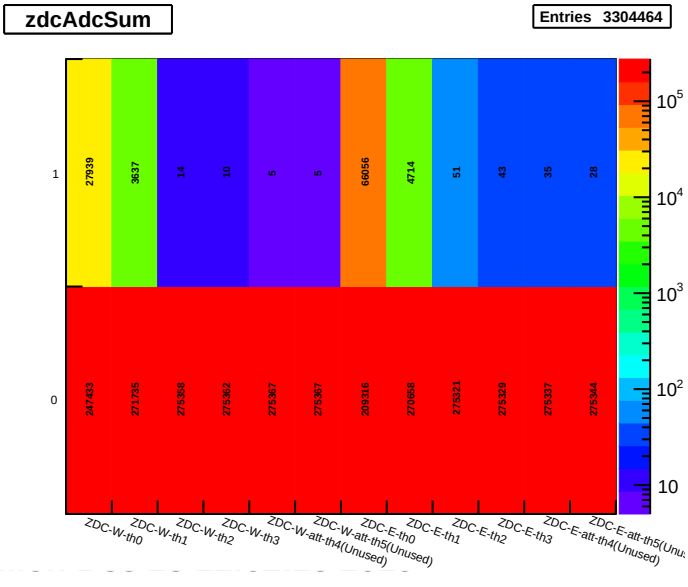

vpdWestTacMaxVsSimu
Entries 215301
Data
Simu

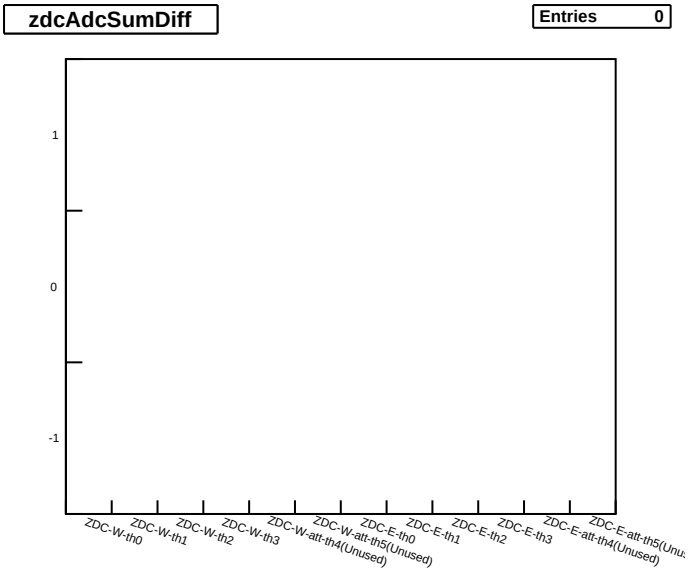

zdcEastTac
Entries 275372

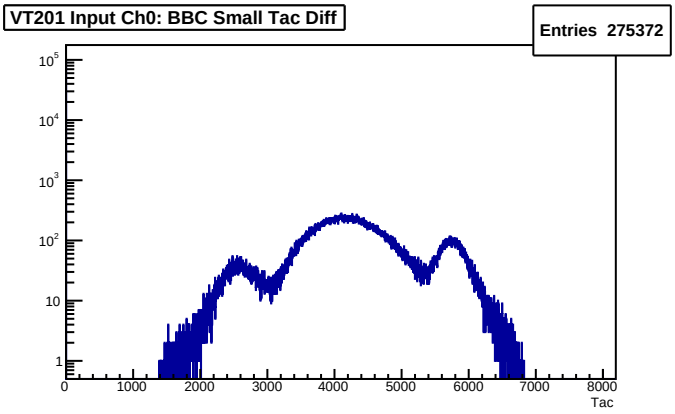

zdcEastTacVsSimu
Entries 996
Data
Simu

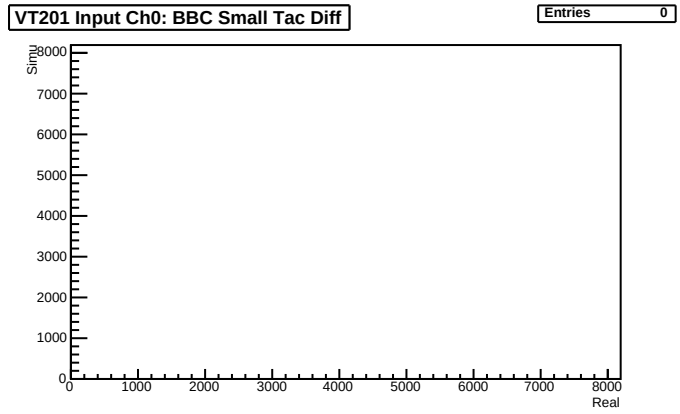

zdcWestTac
Entries 275372

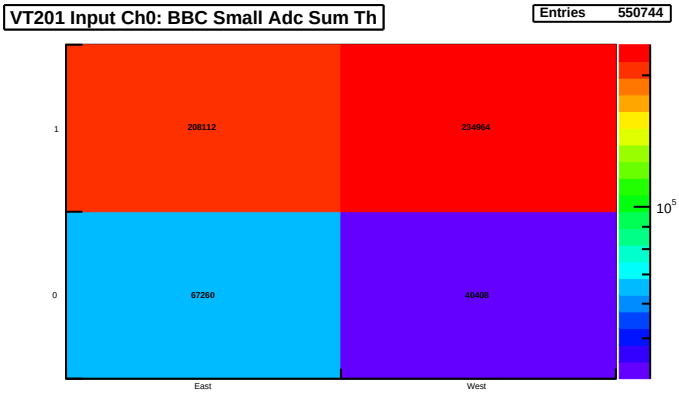

zdcWestTacVsSimu
Entries 2092
Data
Simu

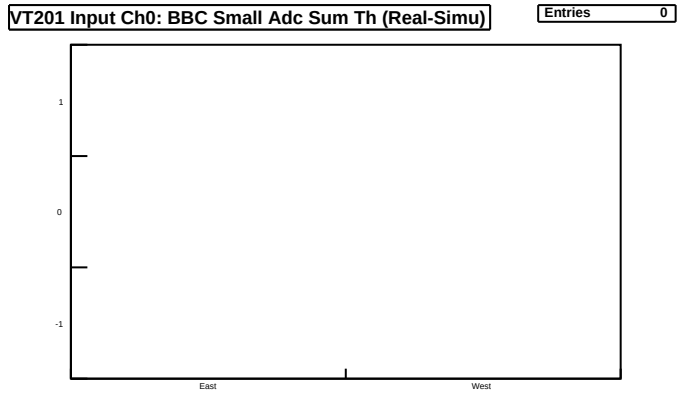

zdcAdcSum
Entries 3304464
27939
3637
14
10
5
5
66056
4714
51
43
35
28
247433
271735
275358
275362
275367
275367
209316
270688
275321
275329
275337
275344
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

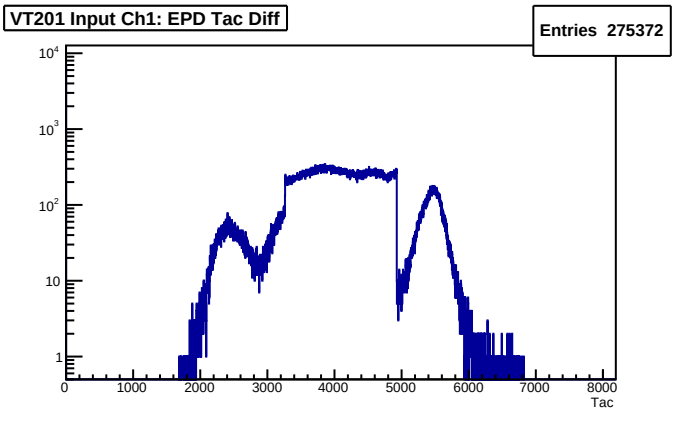

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

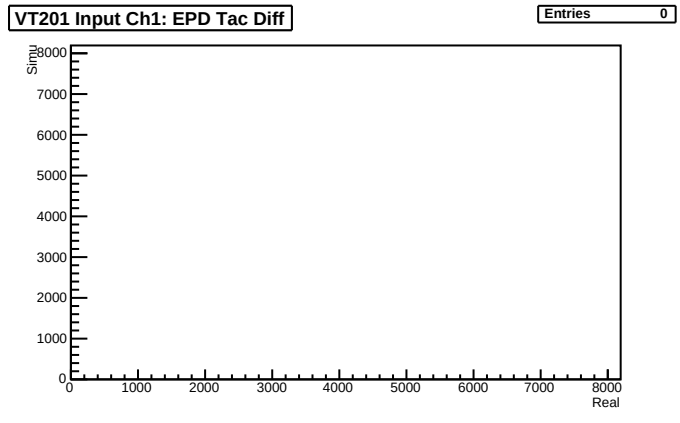

VT201 Input Ch0: BBC Small Tac Diff
Entries 275372
Tac

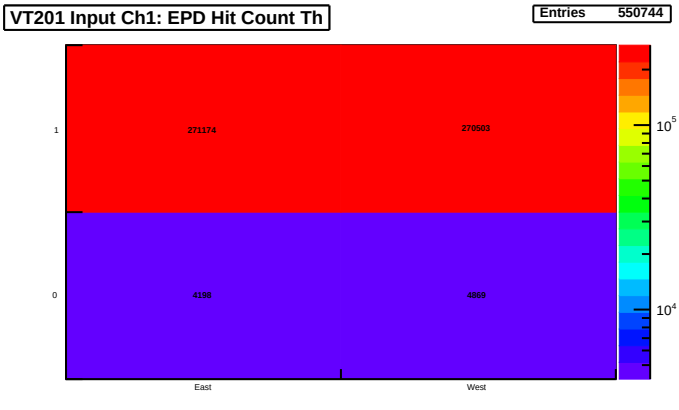

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

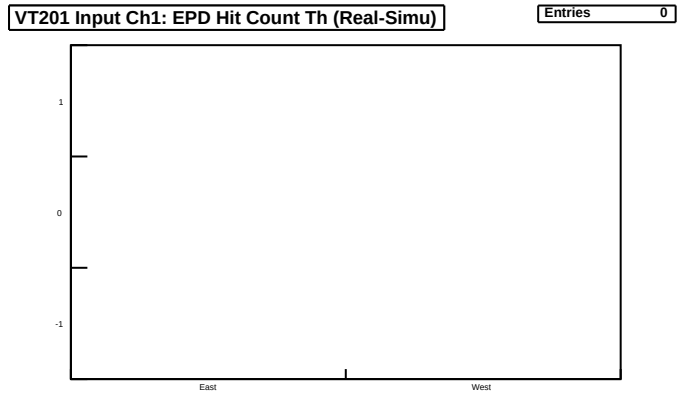

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 550744
208112
234964
67260
40408
East
West

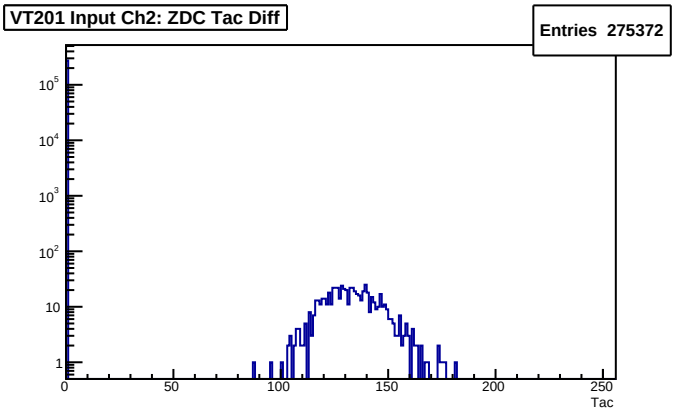

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

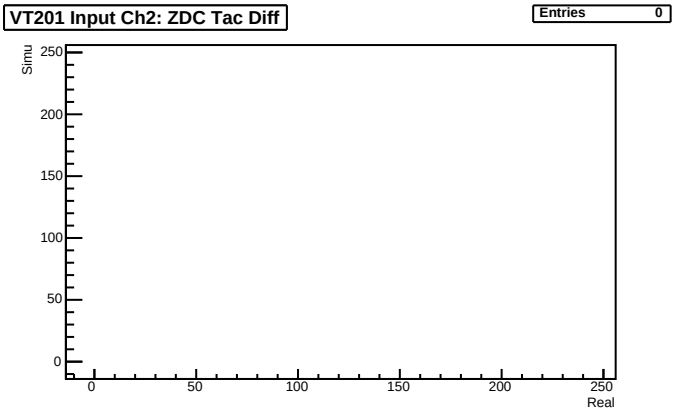

VT201 Input Ch1: EPD Tac Diff
Entries 275372
Tac

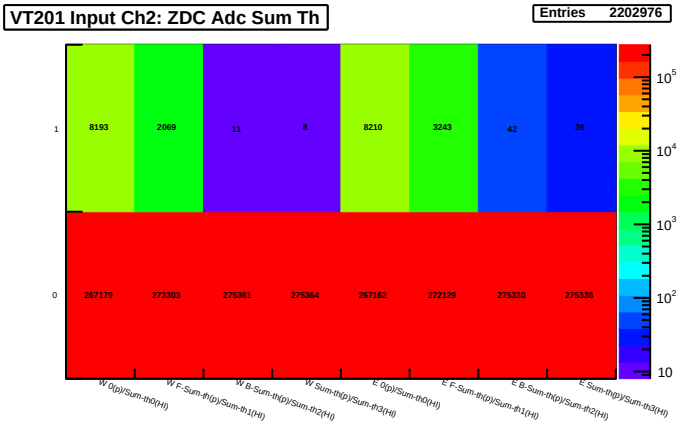

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

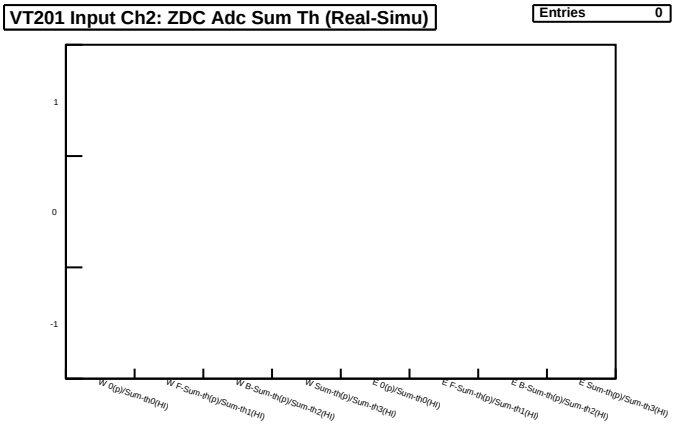

VT201 Input Ch1: EPD Hit Count Th
Entries 550744
271174
270503
4198
4869
East
West

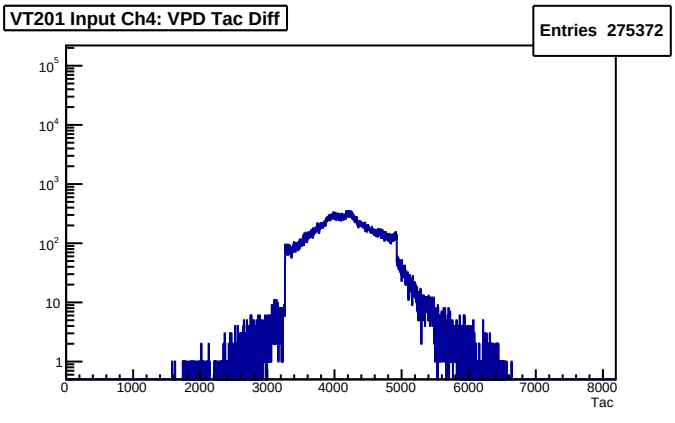

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

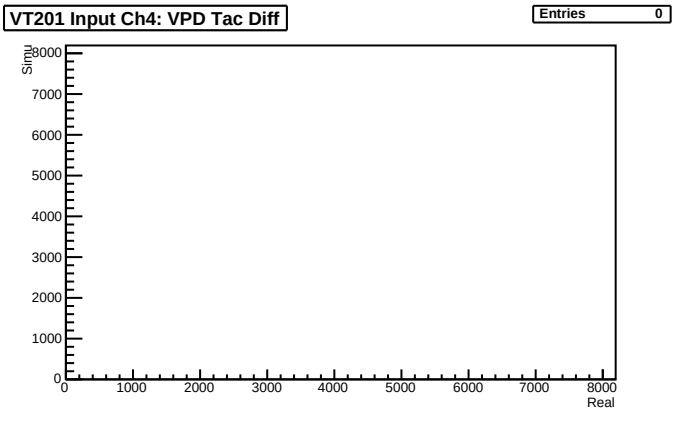

VT201 Input Ch2: ZDC Tac Diff
Entries 275372
Tac

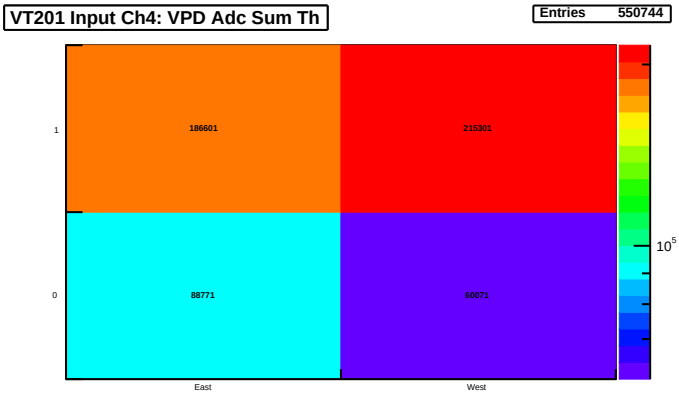

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

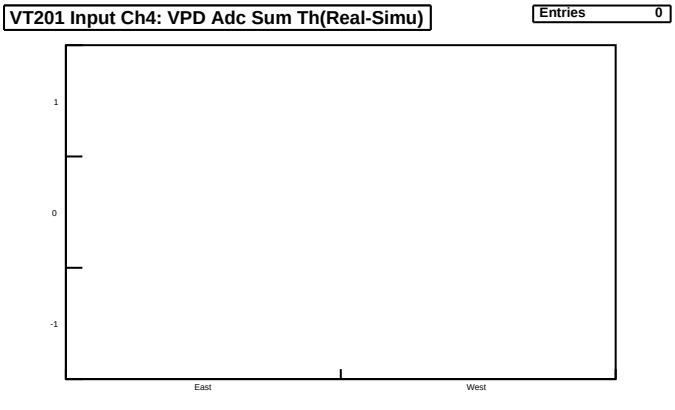

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2202976
8193
2069
11
8
8210
3243
42
36
267179
273303
275361
275364
267162
272129
275330
275336
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

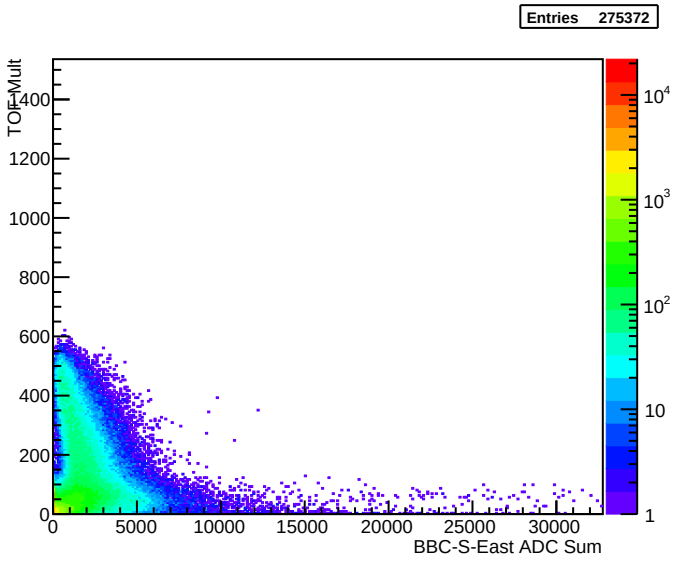

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

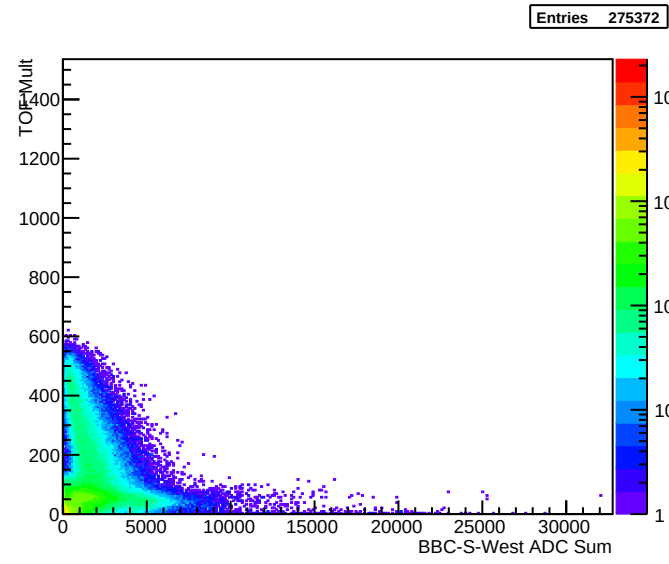

VT201 Input Ch4: VPD Tac Diff
Entries 275372
Tac

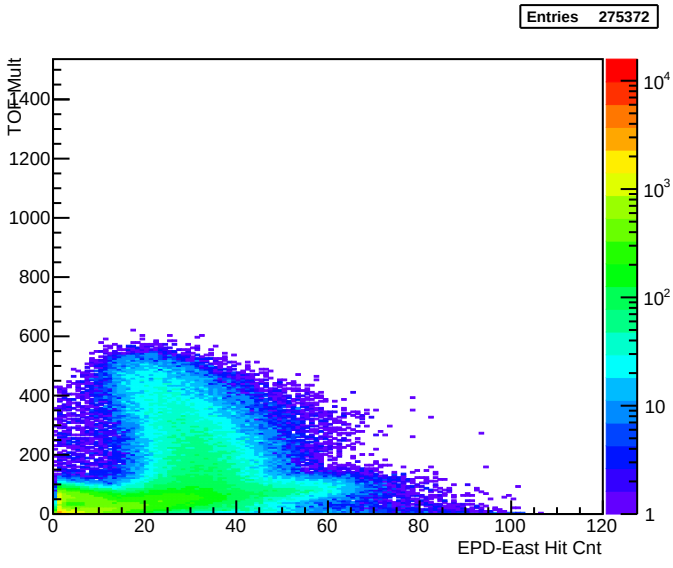

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

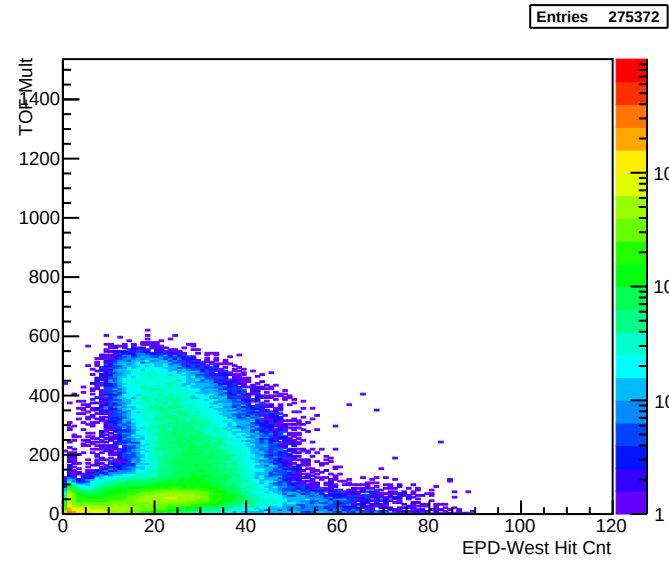

VT201 Input Ch4: VPD Adc Sum Th
Entries 550744
186601
215301
88771
60071
East
West

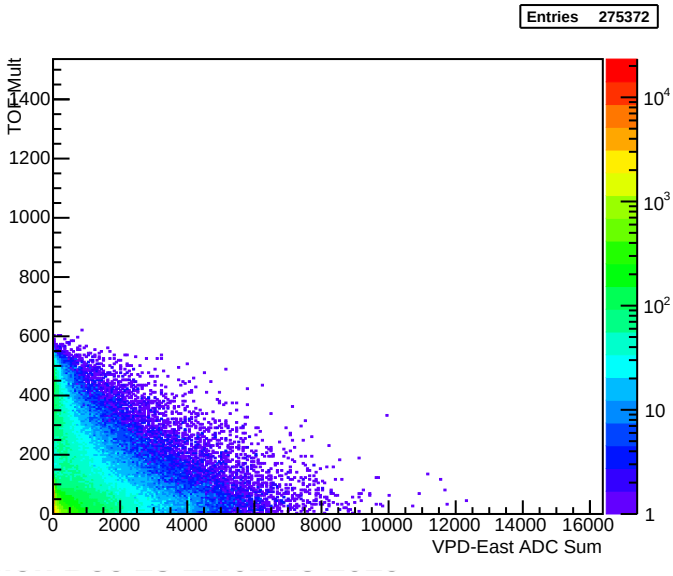

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

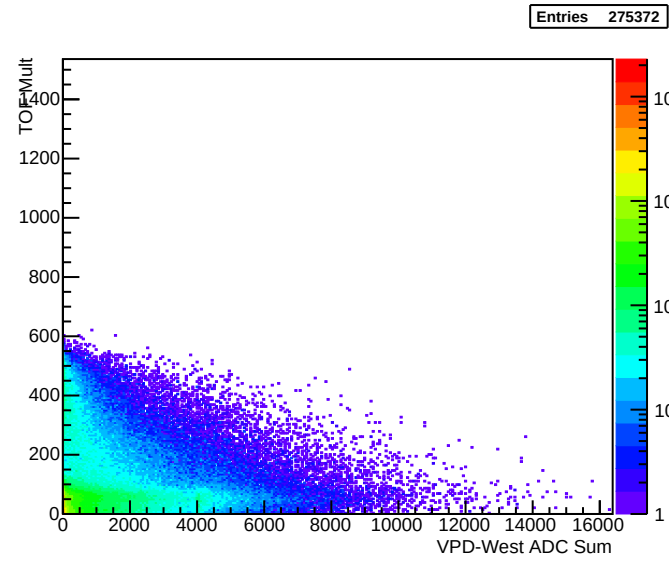

Entries 275372
TOF-Mult
BBC-S-East ADC Sum

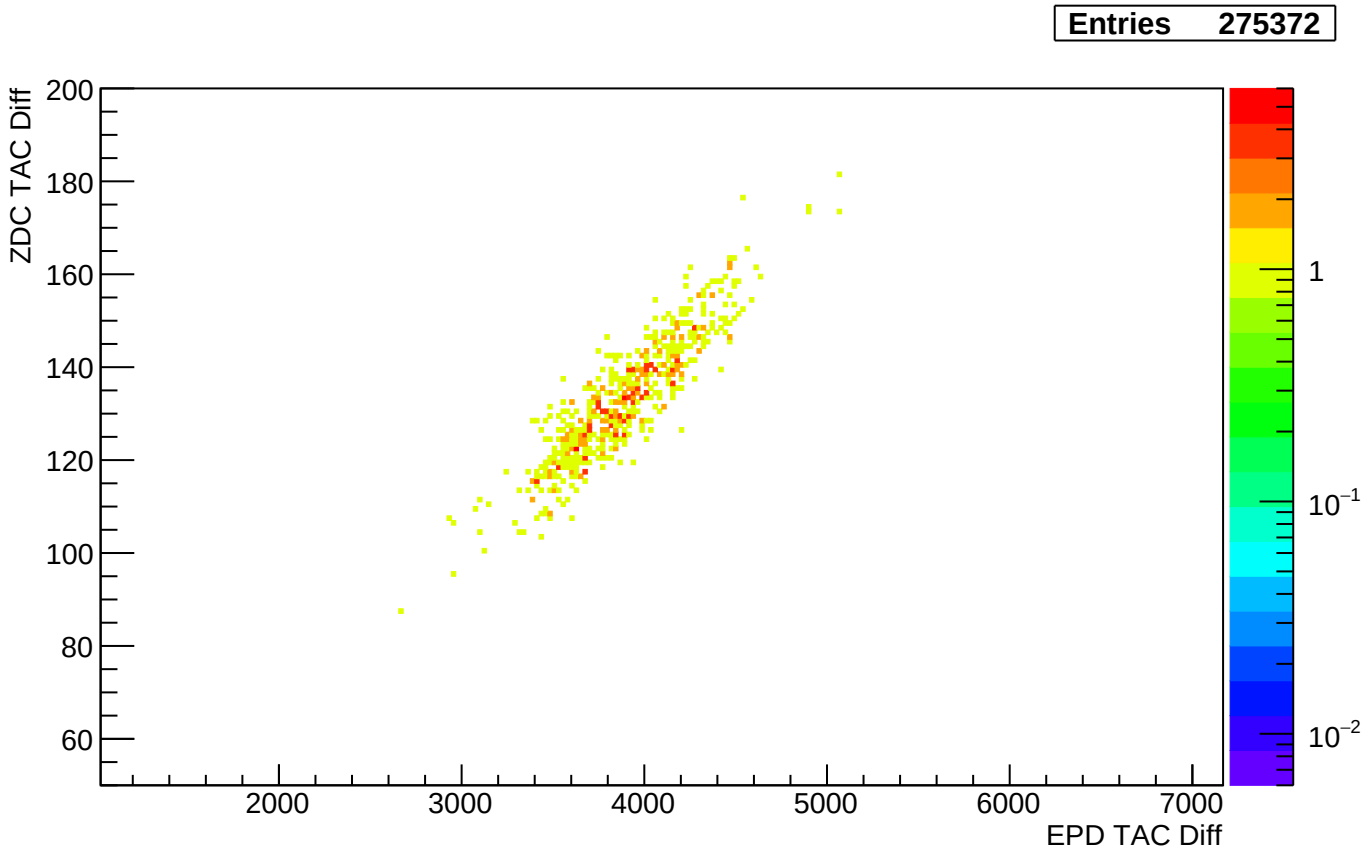

Entries 275372
TOF-Mult
BBC-S-West ADC Sum

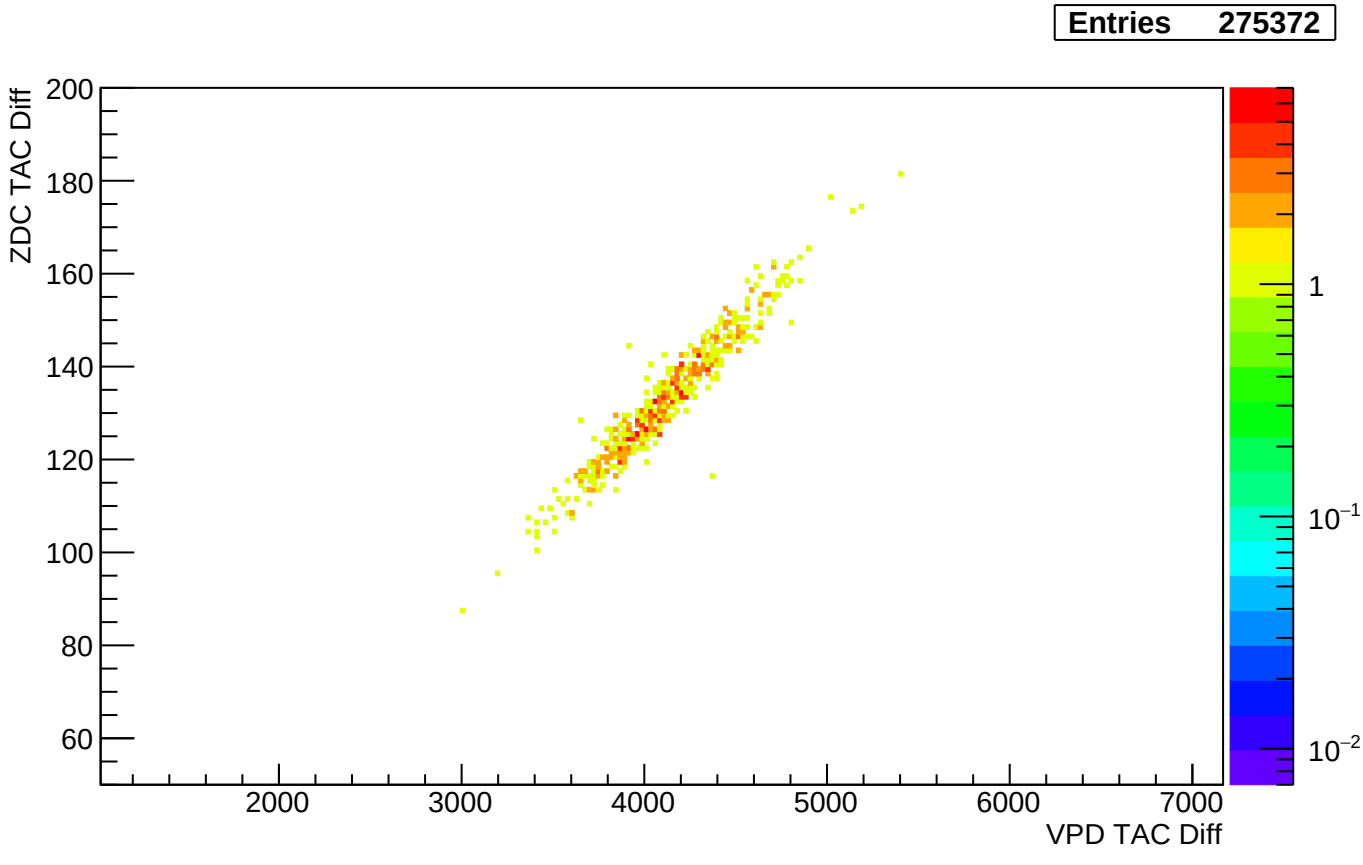

Entries 275372
TOF-Mult
EPD-East Hit Cnt

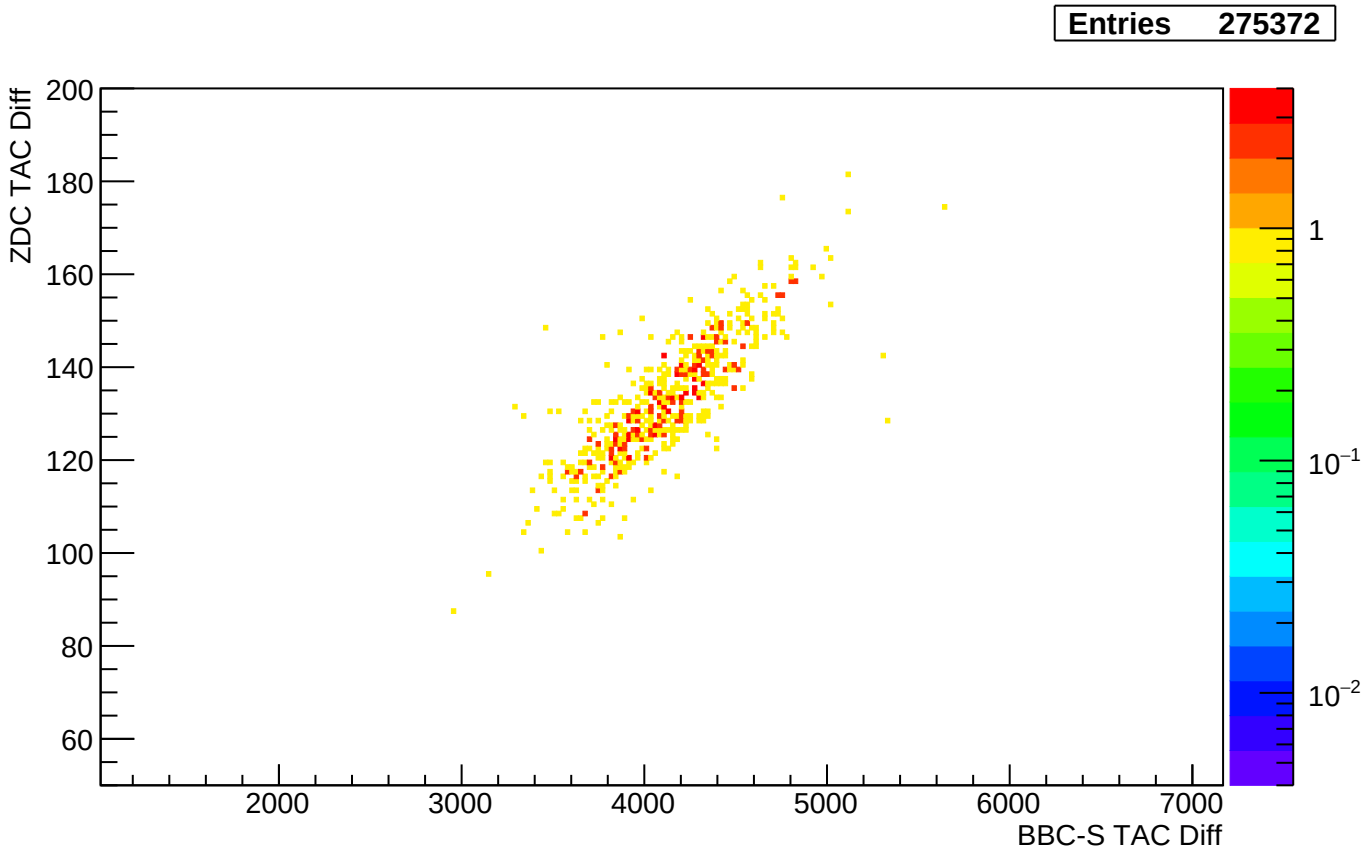

Entries 275372
TOF-Mult
EPD-West Hit Cnt

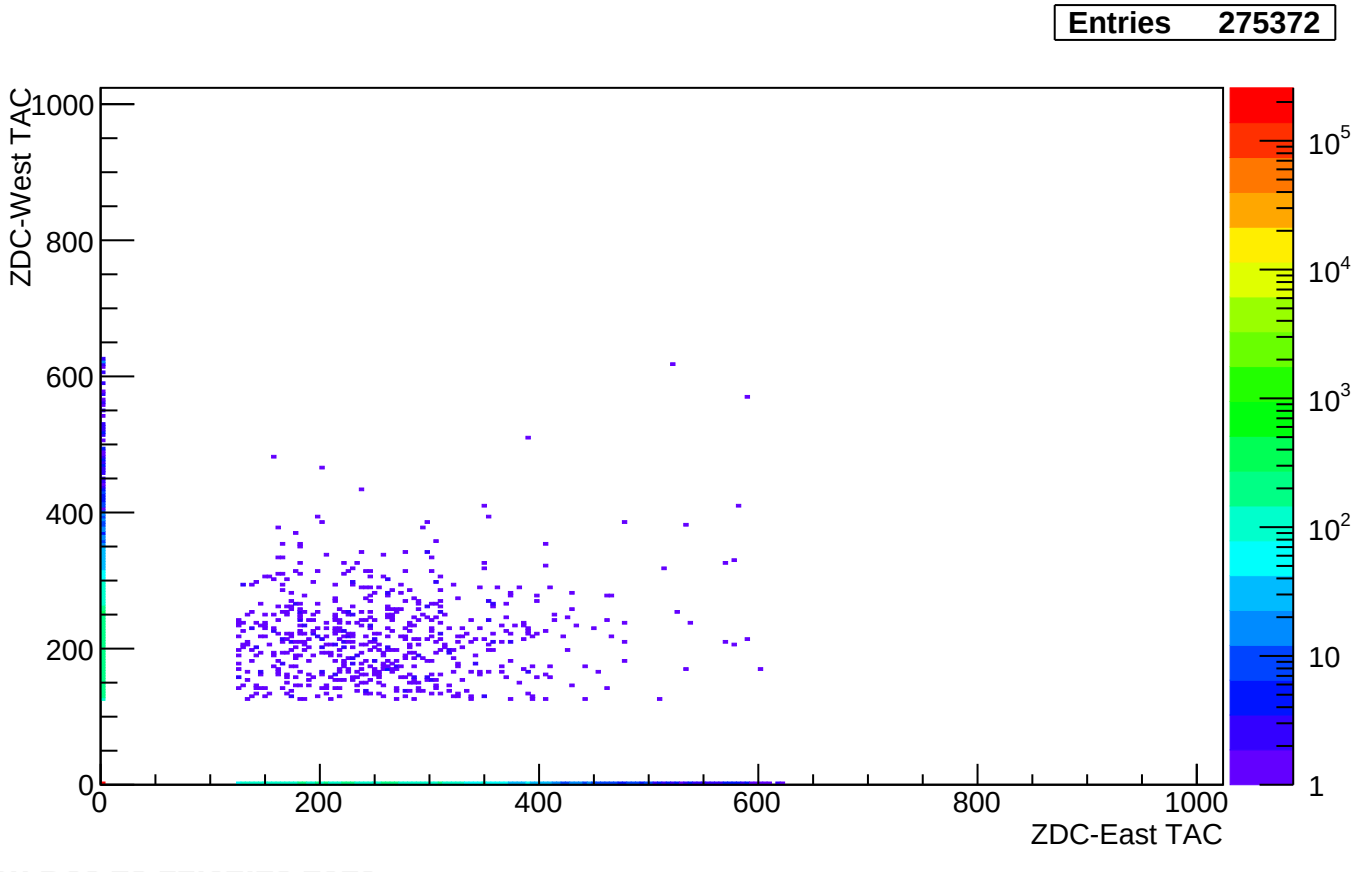

Entries 275372
TOF-Mult
VPD-East ADC Sum

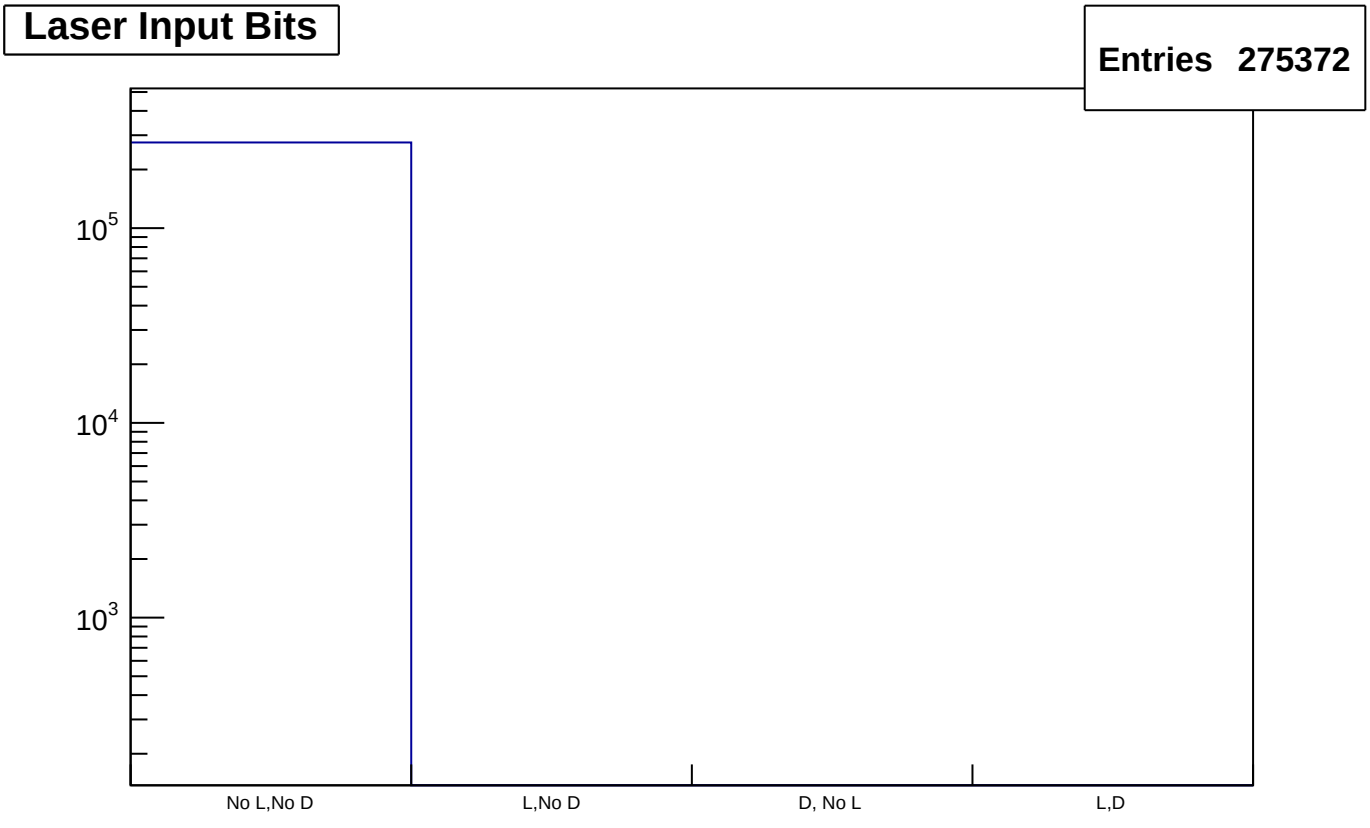

Entries 275372
TOF-Mult
VPD-West ADC Sum

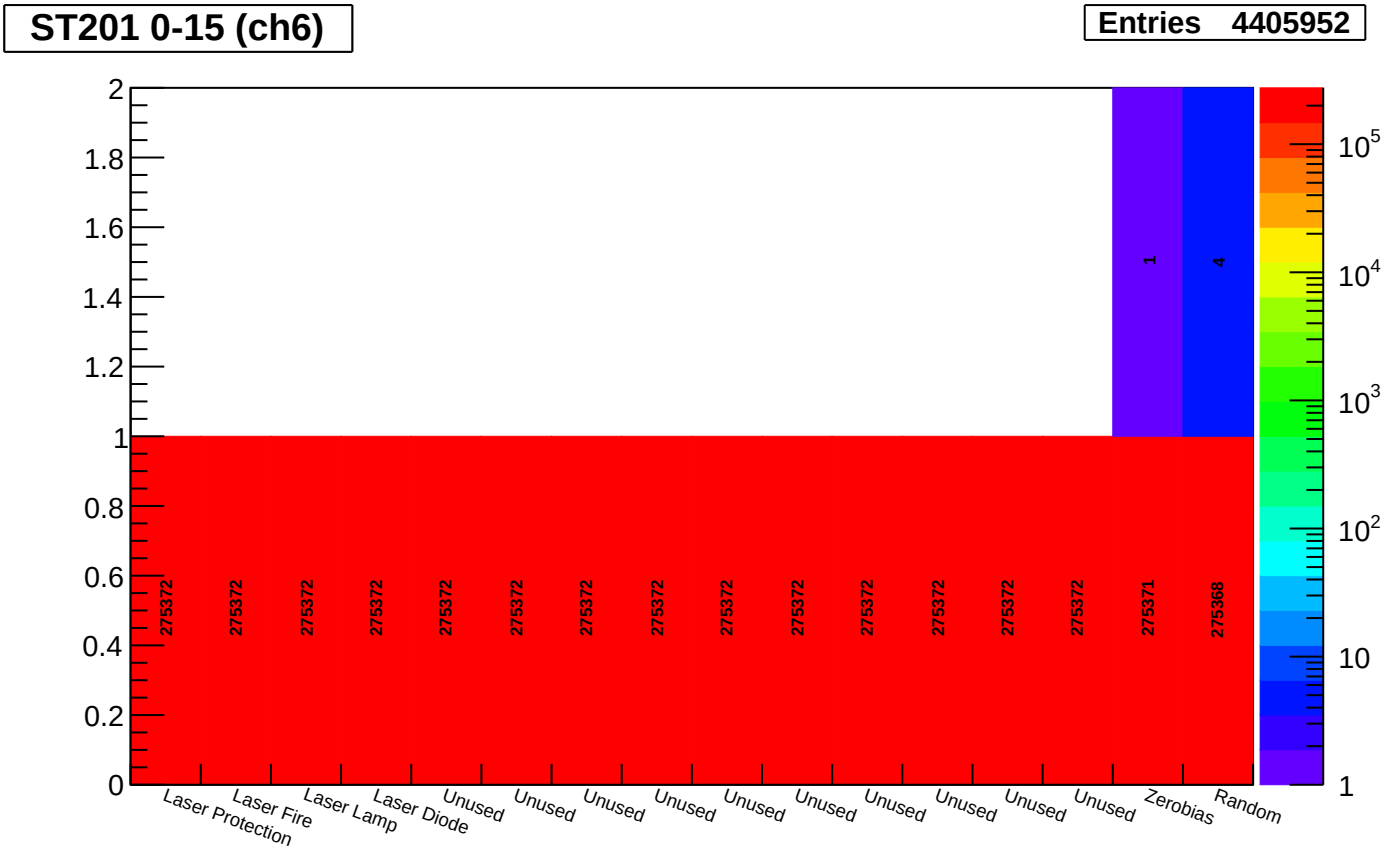

Entries 275372
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

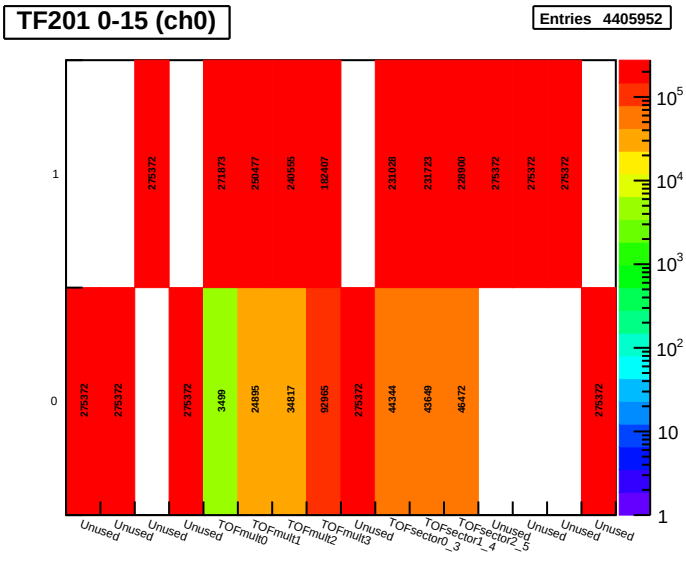

Entries 275372
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

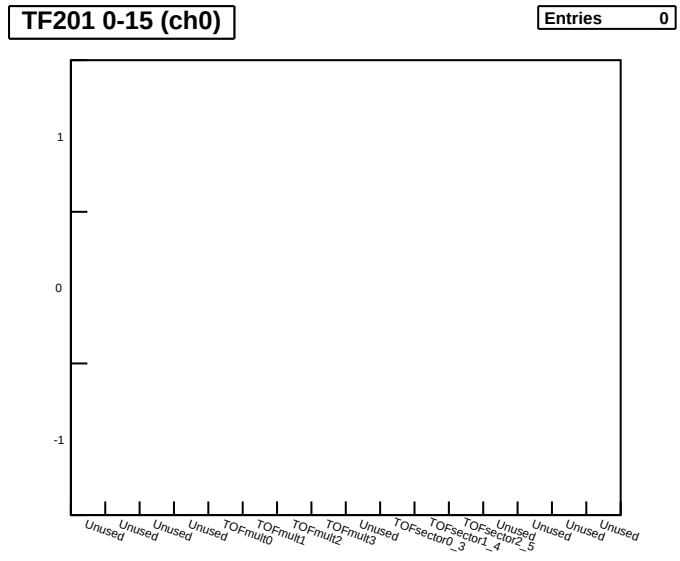

Entries 275372
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

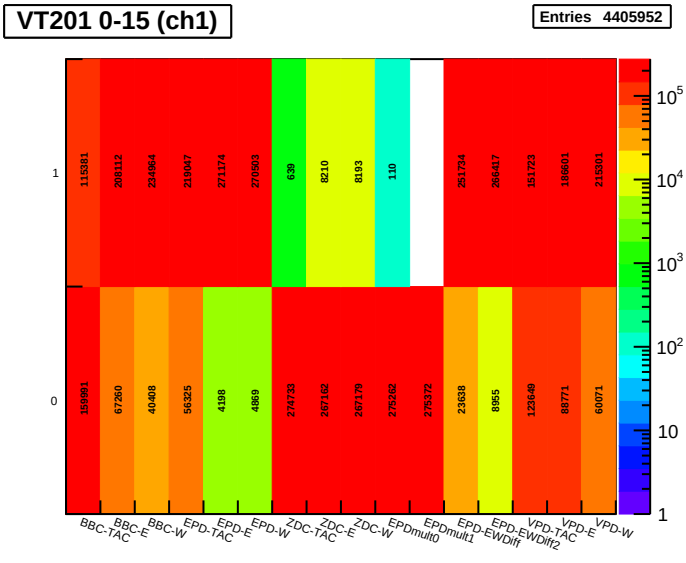

Entries 275372
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

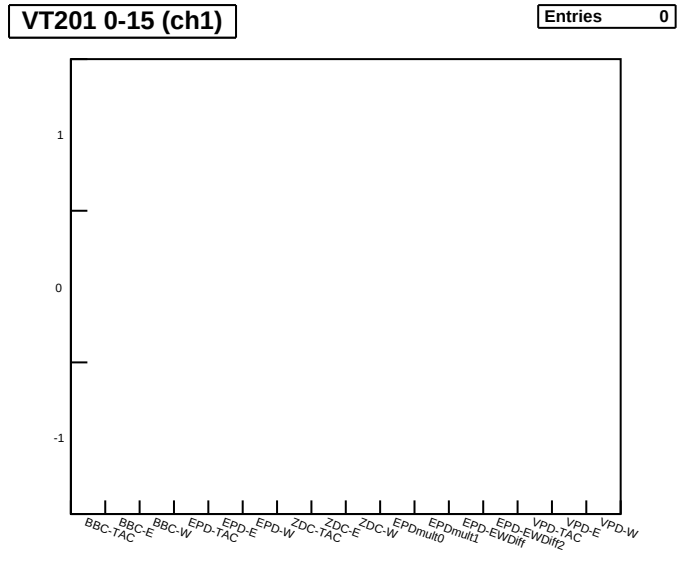

Laser Input Bits
Entries 275372
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

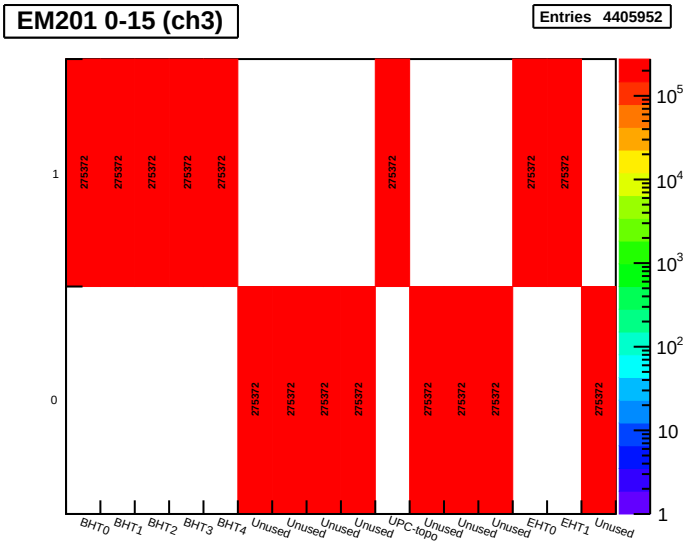

ST201 0-15 (ch6)
Entries 4405952
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
275372
275372
275372
275372
275372
275372
275372
275372
275372
275372
275372
275372
275372
275371
275368
1
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

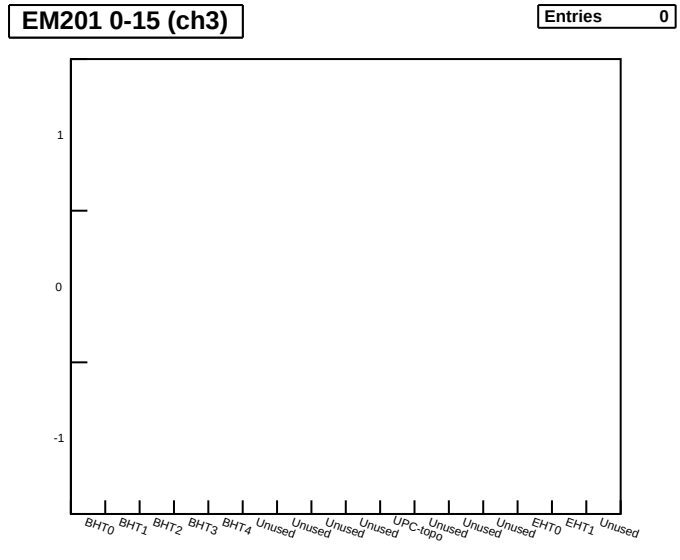

TF201 0-15 (ch0)
Entries 4405952
1
0
275372
271873
250477
240555
182407
231028
231723
228900
275372
275372
275372
275372
275372
3499
24895
34817
92965
275372
44344
43649
46472
275372
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 4405952
1
0
115381
208112
234964
219047
271174
270503
639
8210
8193
110
251734
266417
151723
186601
215301
159991
67260
40408
56325
4198
4869
274733
267162
267179
275262
275372
23638
8955
123649
88771
60071
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 4405952
1
0
275372
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1