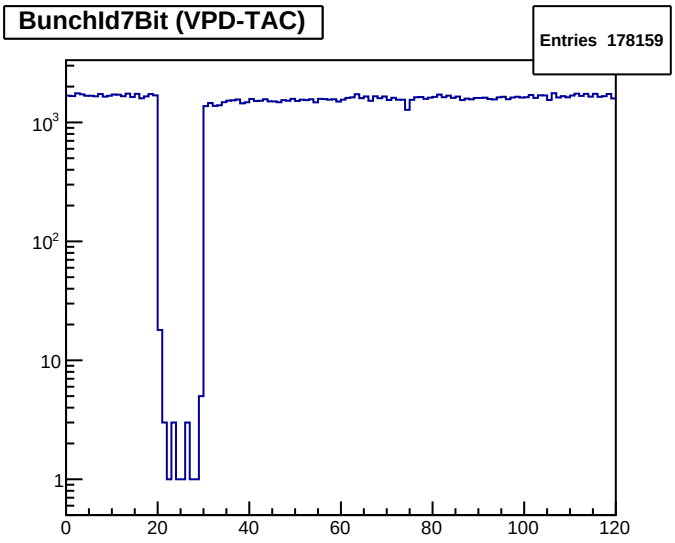
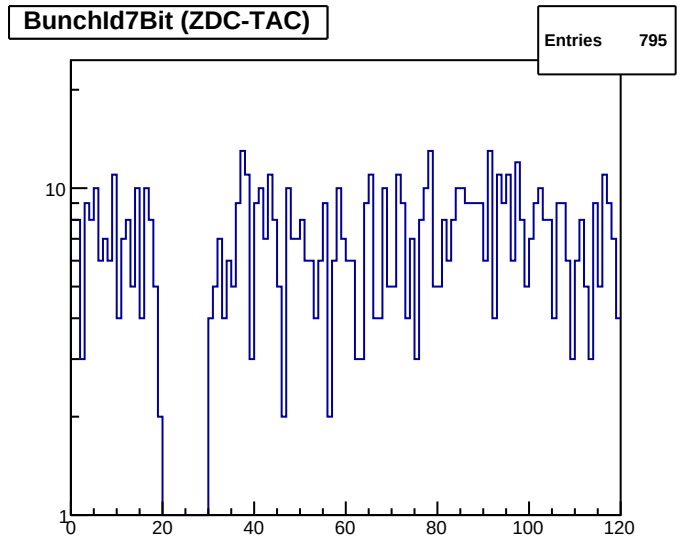
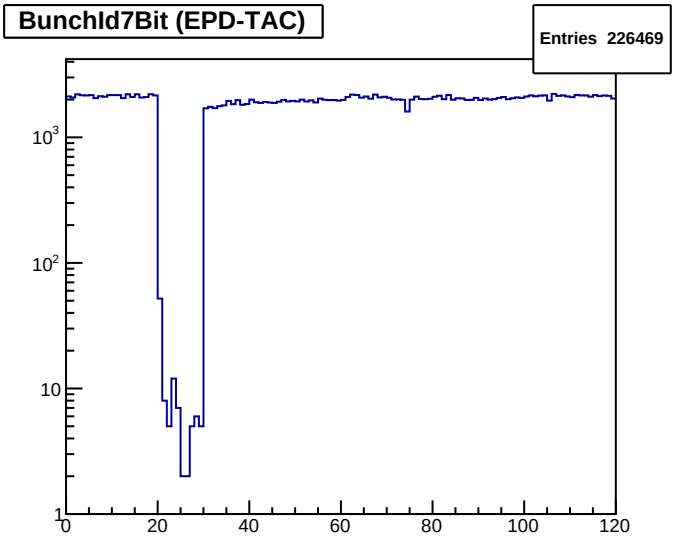
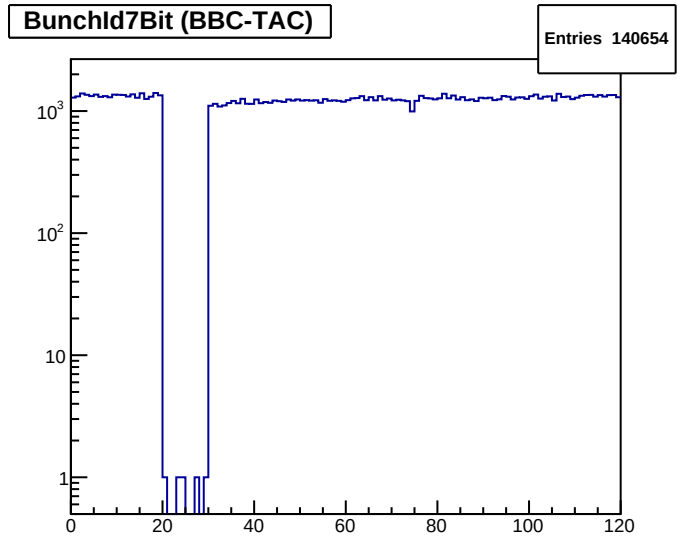
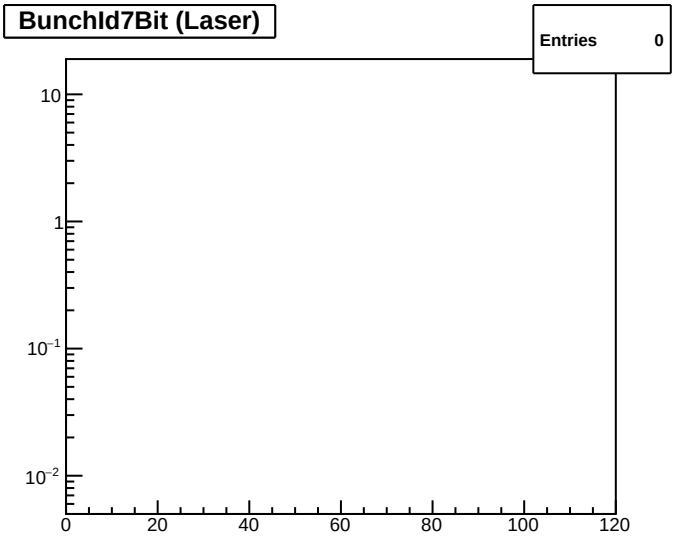
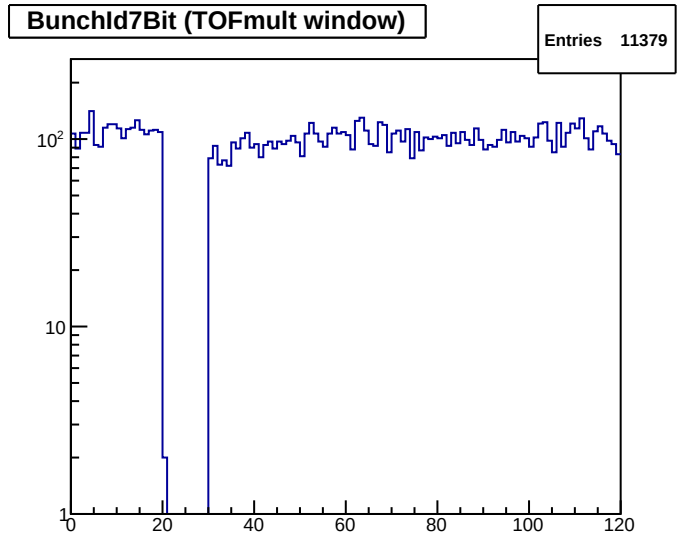

BunchId7Bit (VPD-TAC)
Entries 178159

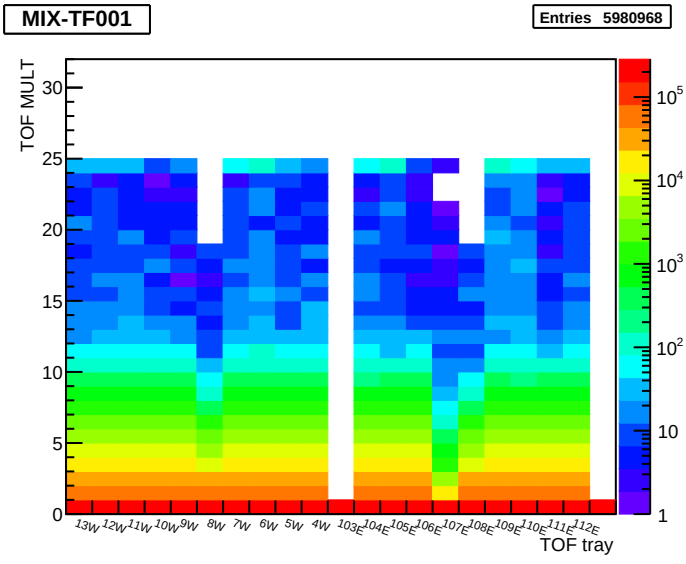

BunchId7Bit (ZDC-TAC)
Entries 795

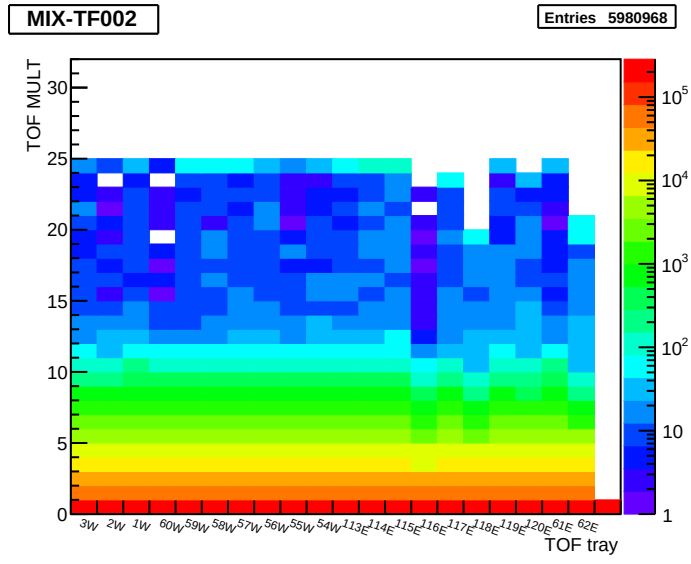

BunchId7Bit (EPD-TAC)
Entries 226469

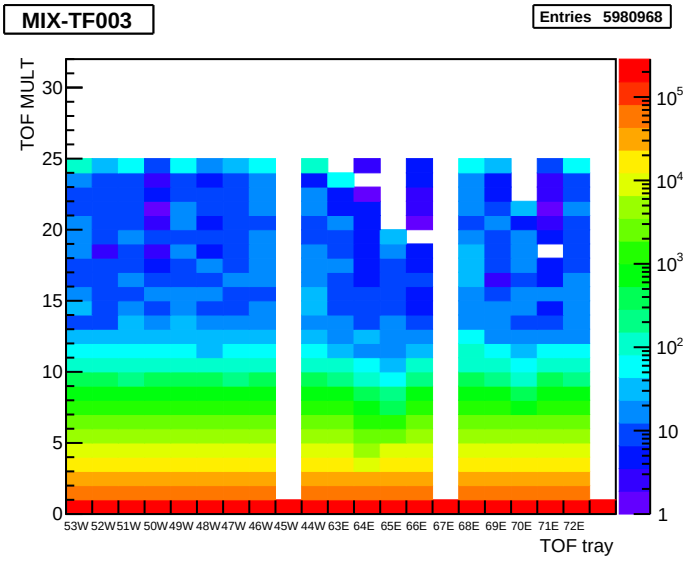

BunchId7Bit (BBC-TAC)
Entries 140654

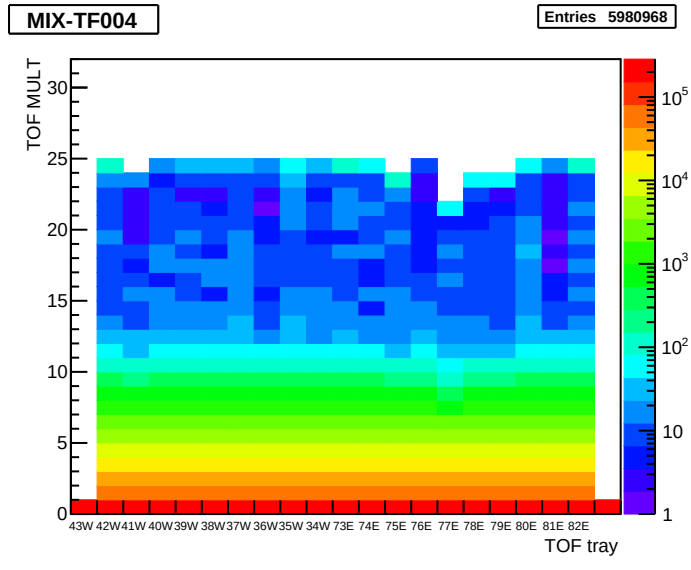

BunchId7Bit (Laser)
Entries 0

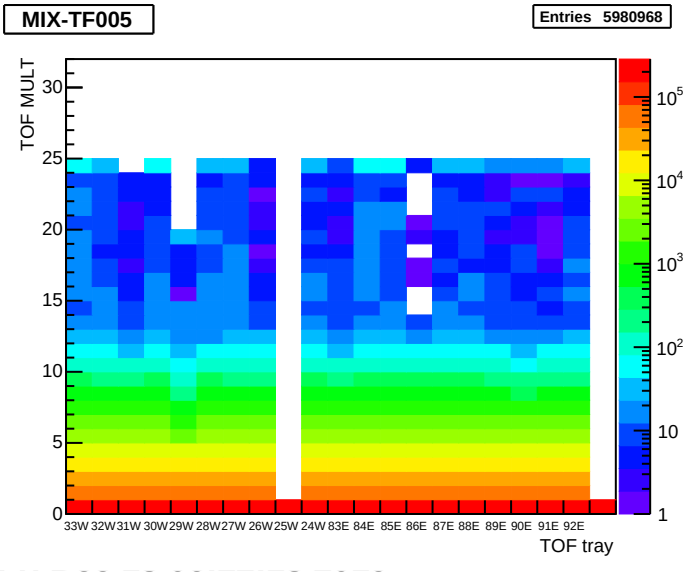

BunchId7Bit (TOFmult window)
Entries 11379

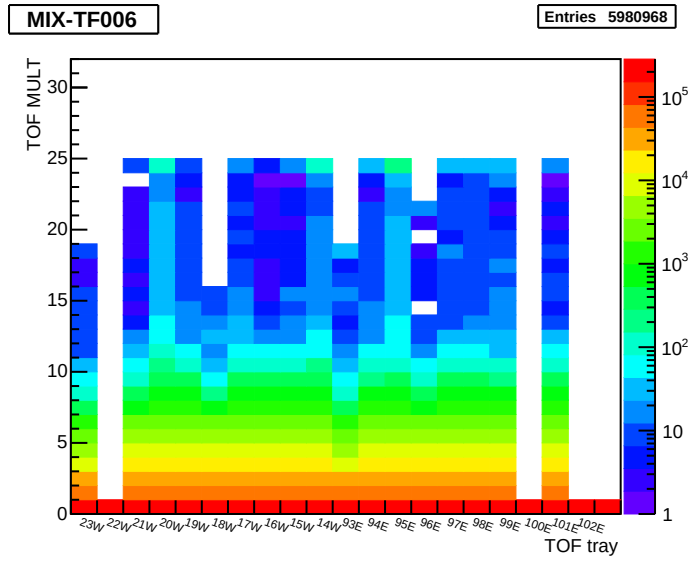

MIX-TF001
Entries 5980968
TOF MULT
TOF tray

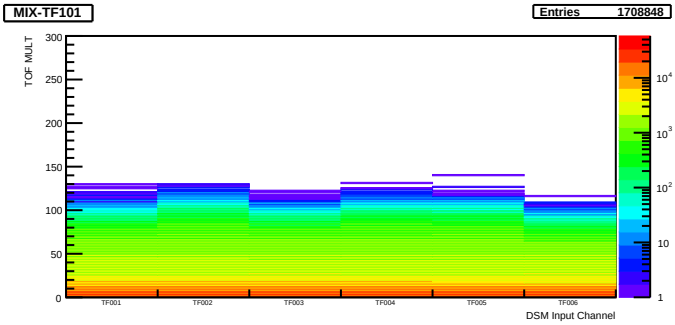

MIX-TF002
Entries 5980968
TOF MULT
TOF tray

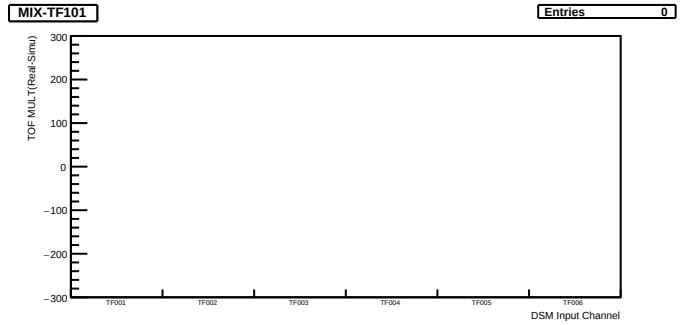

MIX-TF003
Entries 5980968
TOF MULT
TOF tray

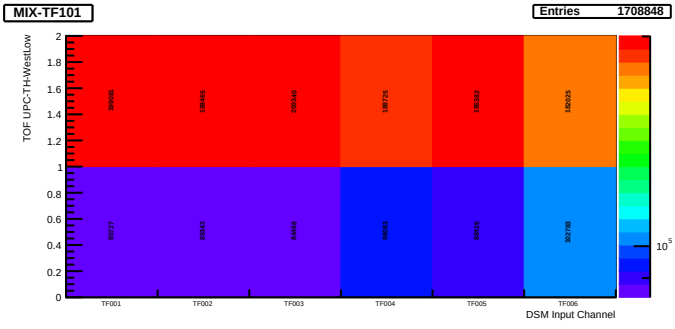

MIX-TF004
Entries 5980968
TOF MULT
TOF tray

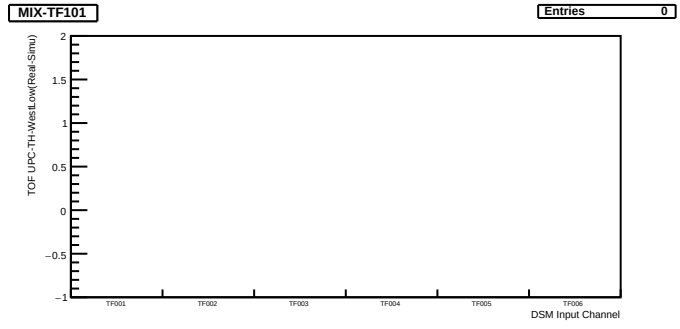

MIX-TF005
Entries 5980968
TOF MULT
TOF tray

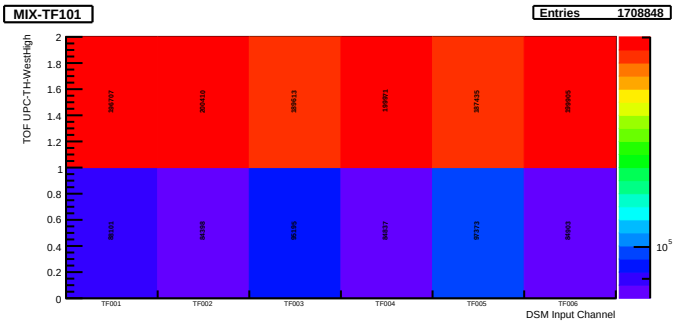

MIX-TF006
Entries 5980968
TOF MULT
TOF tray

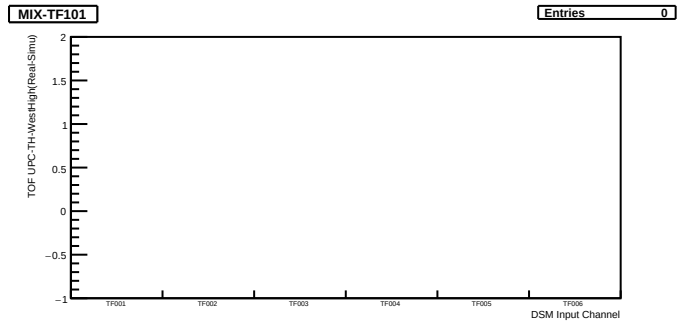

MIX-TF101
Entries 1708848
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

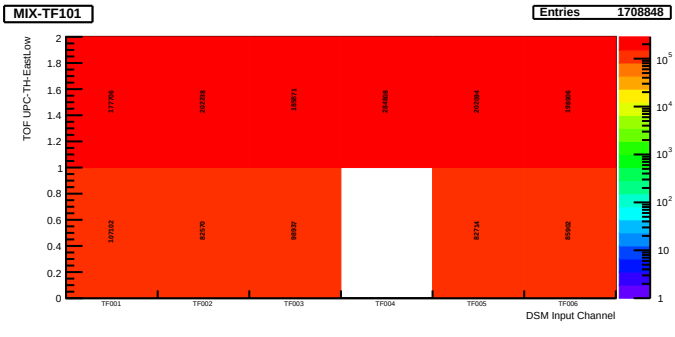

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

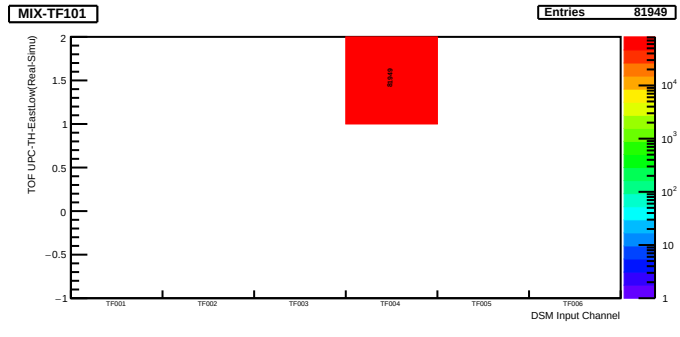

MIX-TF101
Entries 1708848
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

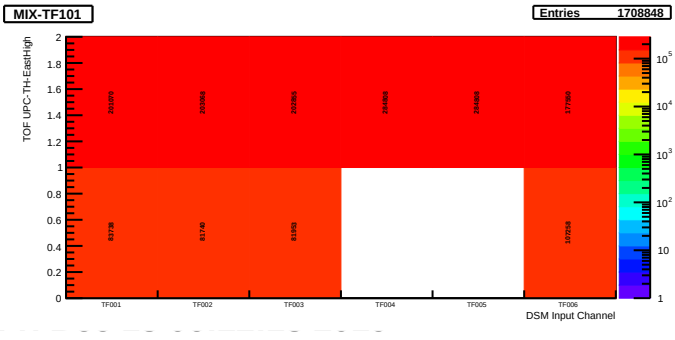

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

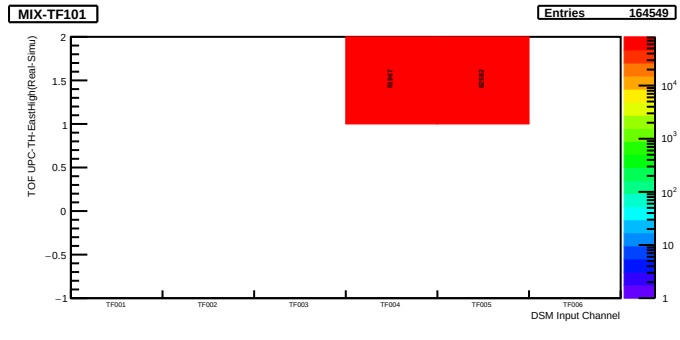

MIX-TF101
Entries 1708848
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

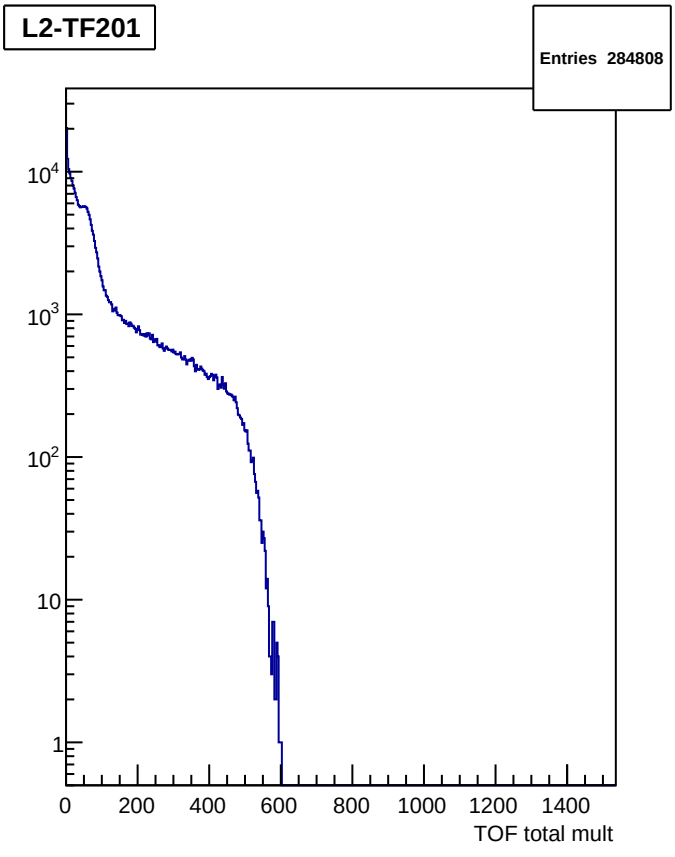

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

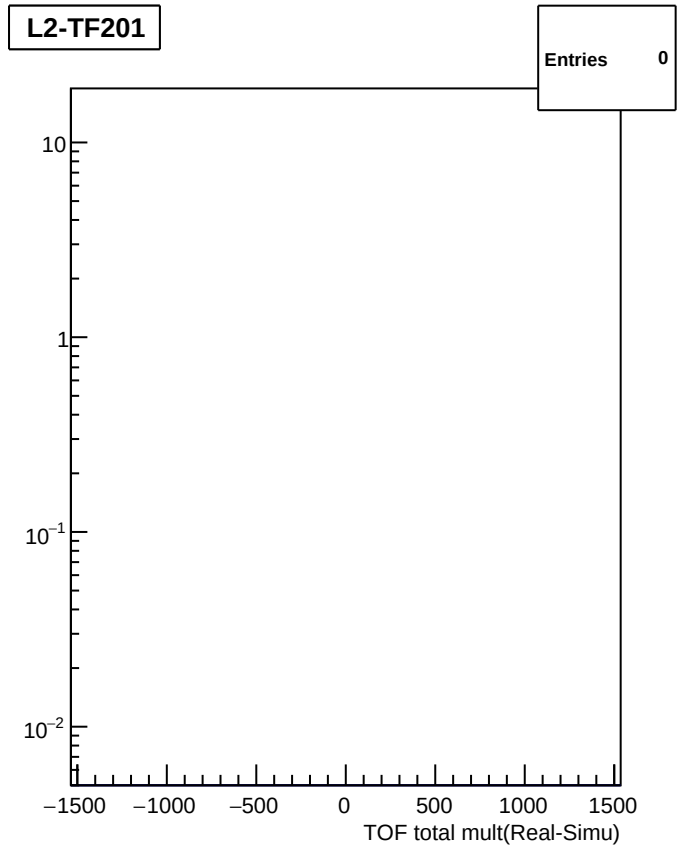

MIX-TF101
Entries 1708848
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

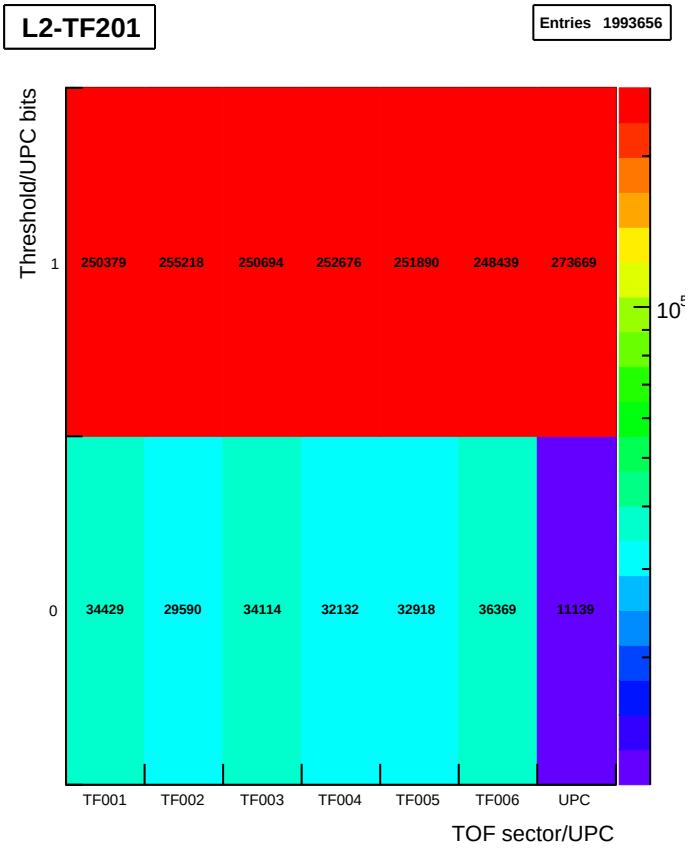

MIX-TF101
Entries 81949
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

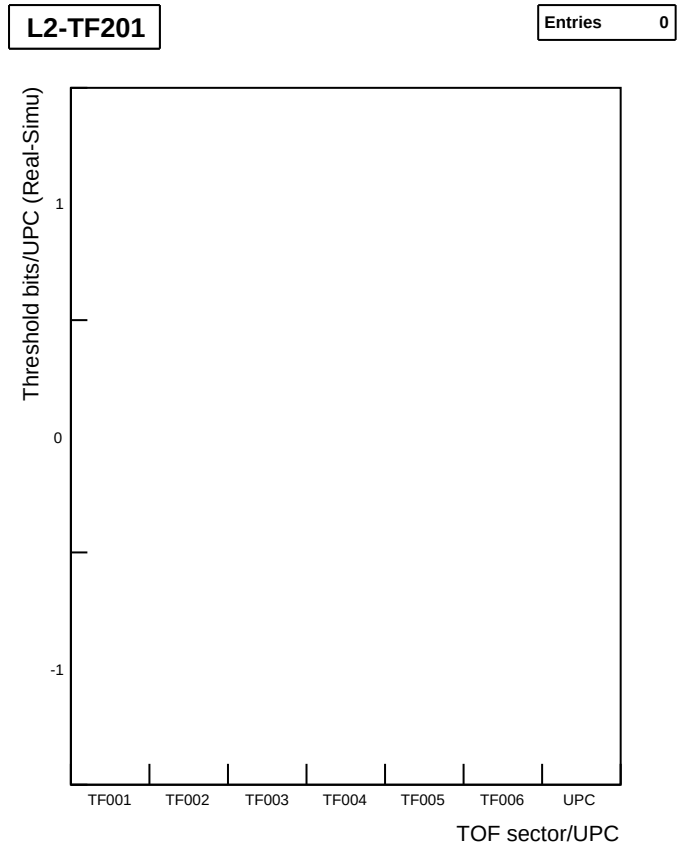

MIX-TF101
Entries 1708848
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

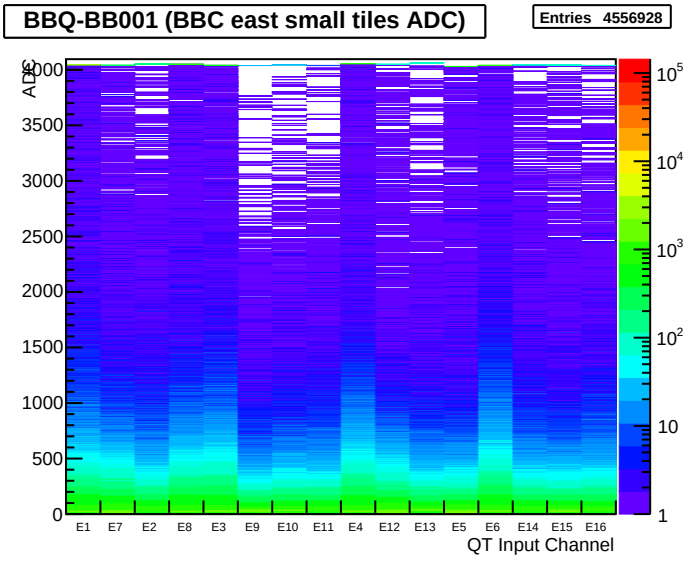

MIX-TF101
Entries 164549
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

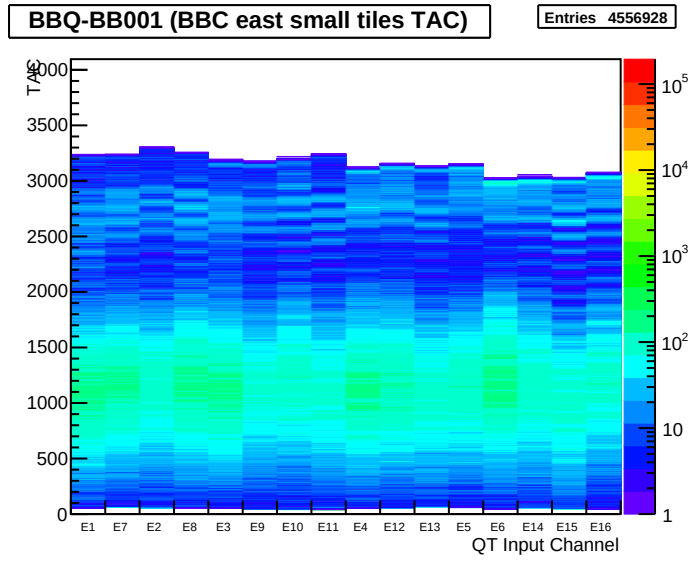

L2-TF201
Entries 284808
TOF total mult

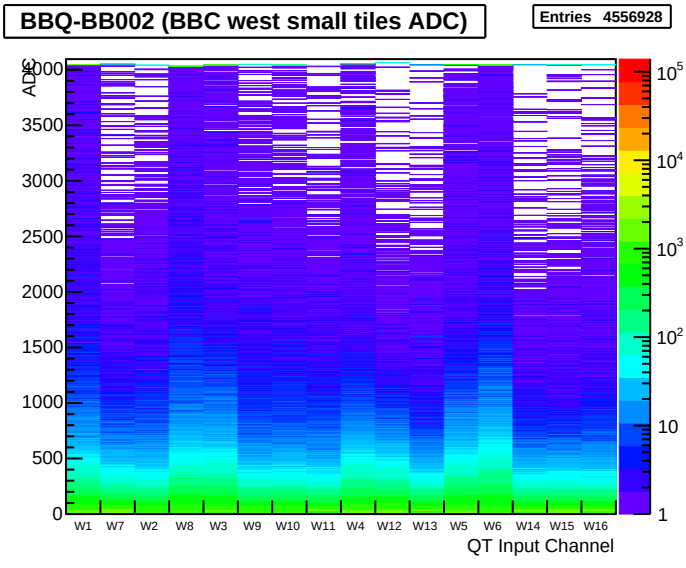

L2-TF201
Entries 0
TOF total mult(Real-Simu)

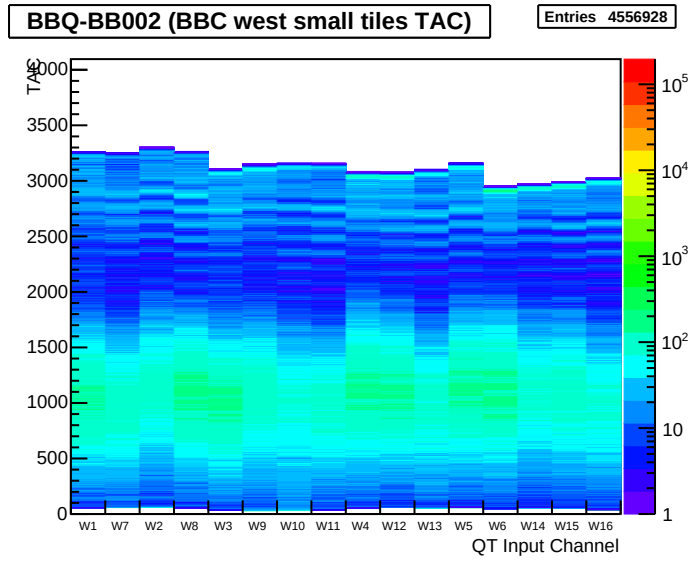

L2-TF201
Entries 1993656
Threshold/UPC bits
250379
255218
250694
252676
251890
248439
273669
34429
29590
34114
32132
32918
36369
11139
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

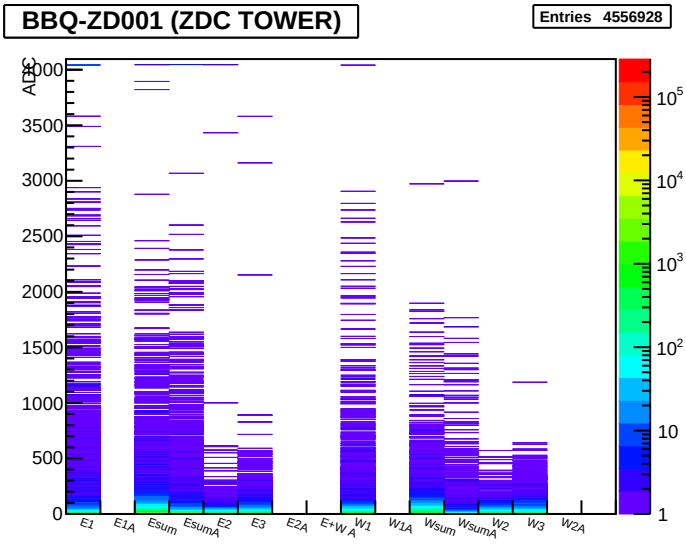

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

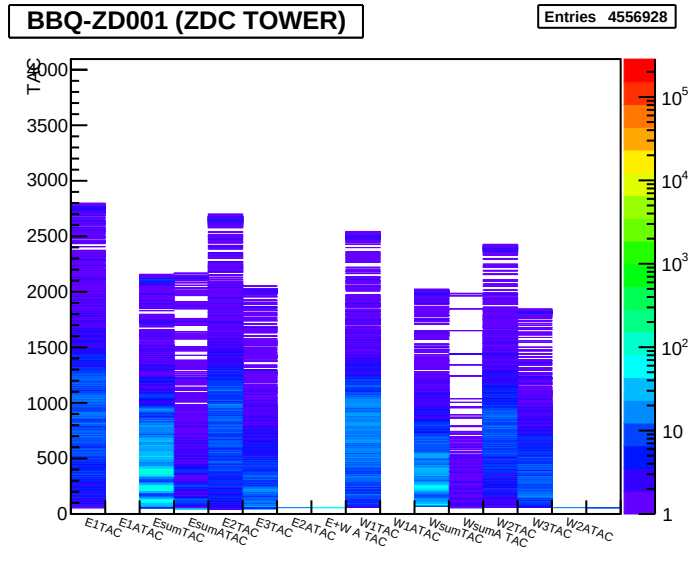

BBQ-BB001 (BBC east small tiles ADC)
Entries 4556928
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

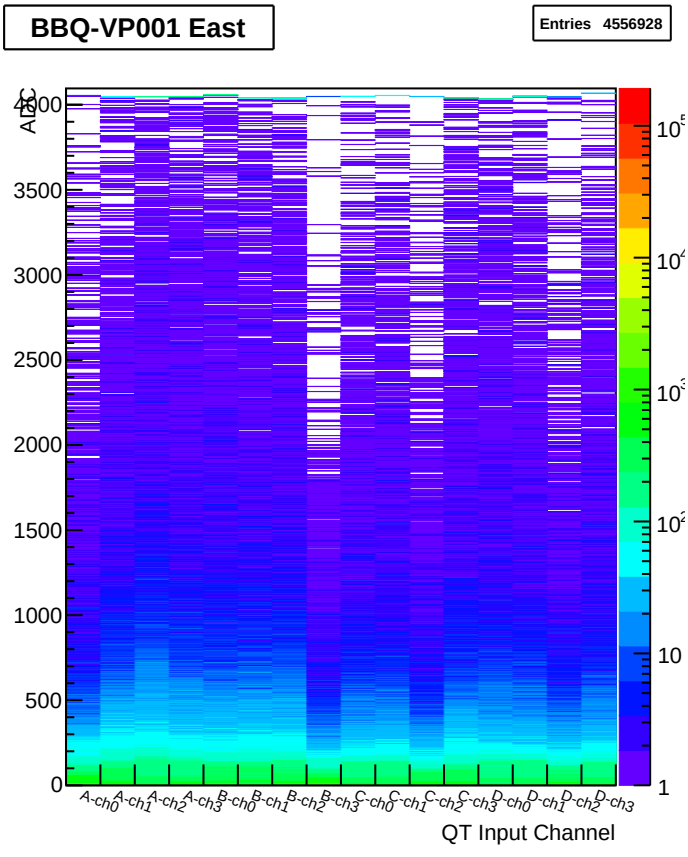

BBQ-BB001 (BBC east small tiles TAC)
Entries 4556928
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

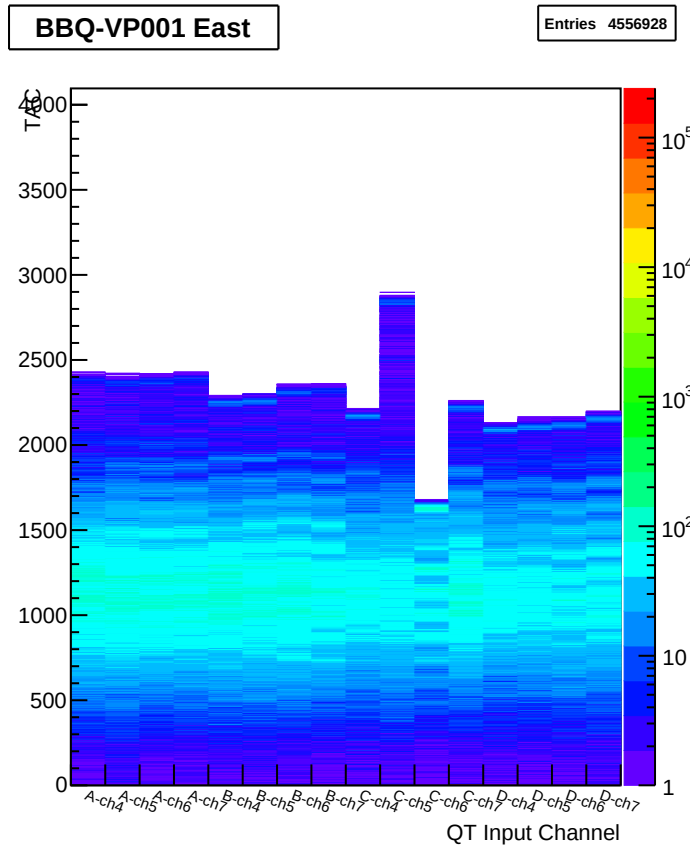

BBQ-BB002 (BBC west small tiles ADC)
Entries 4556928
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

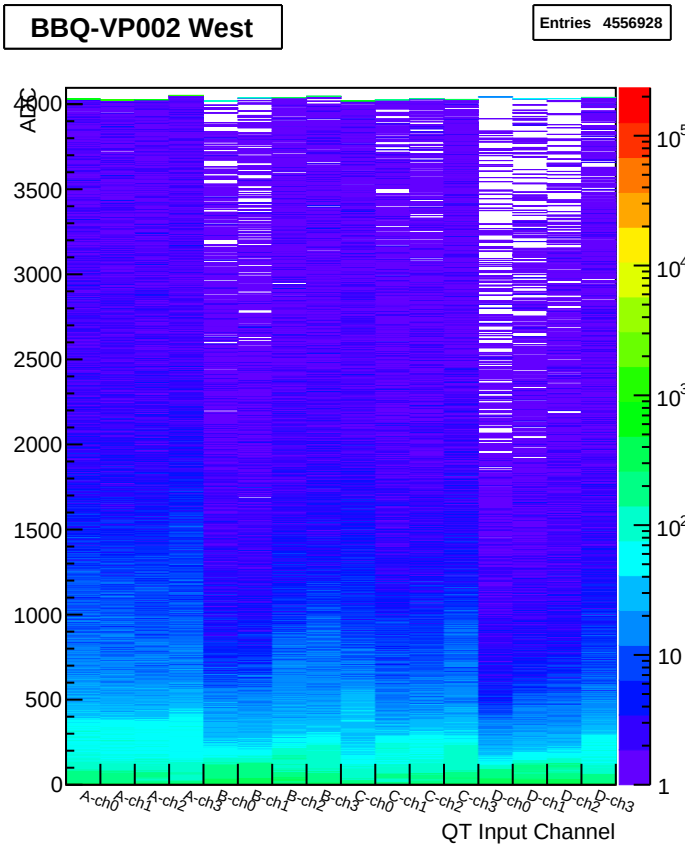

BBQ-BB002 (BBC west small tiles TAC)
Entries 4556928
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

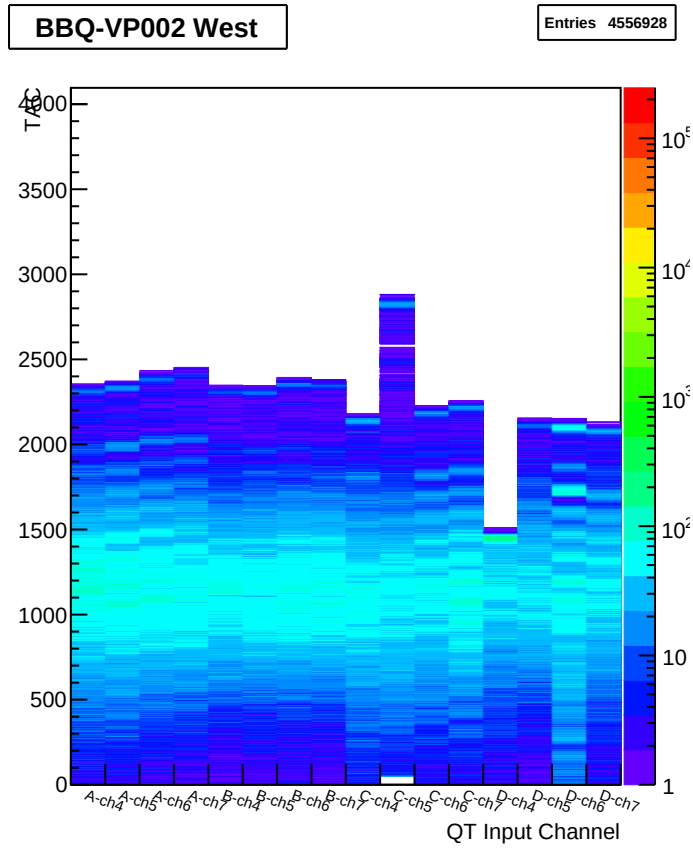

BBQ-ZD001 (ZDC TOWER)
Entries 4556928
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

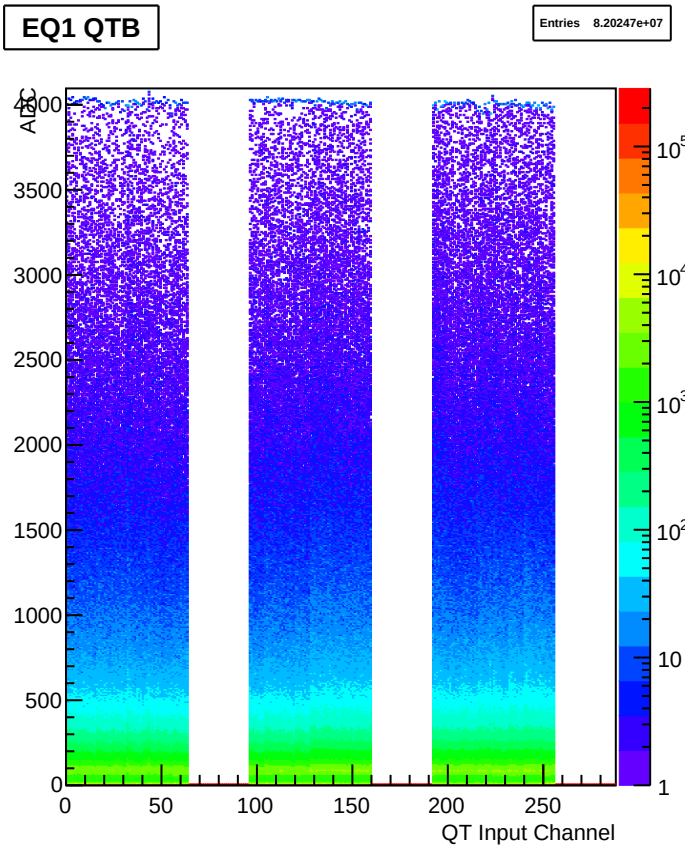

BBQ-ZD001 (ZDC TOWER)
Entries 4556928
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

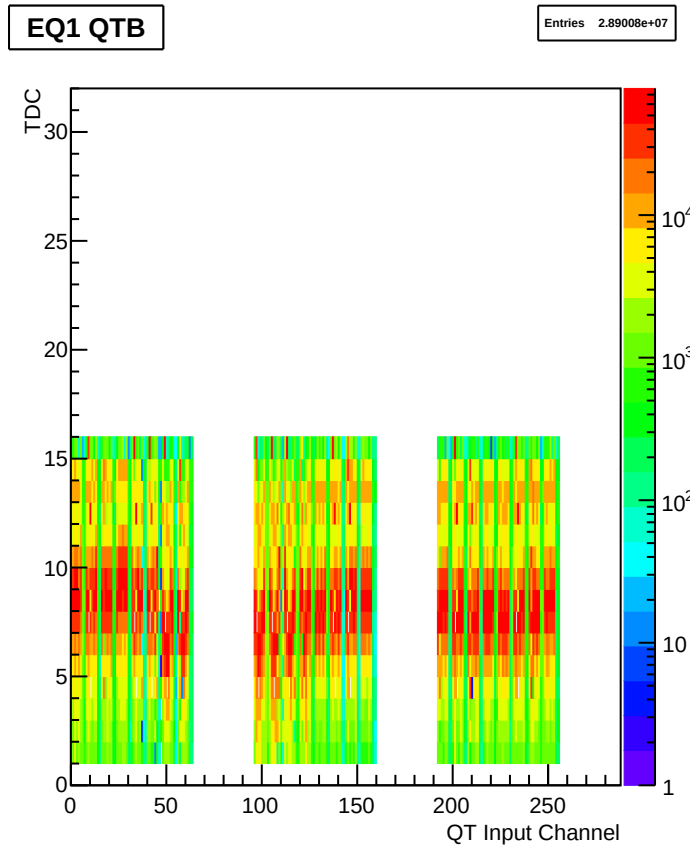

BBQ-VP001 East
Entries 4556928
ADC
QT Input Channel

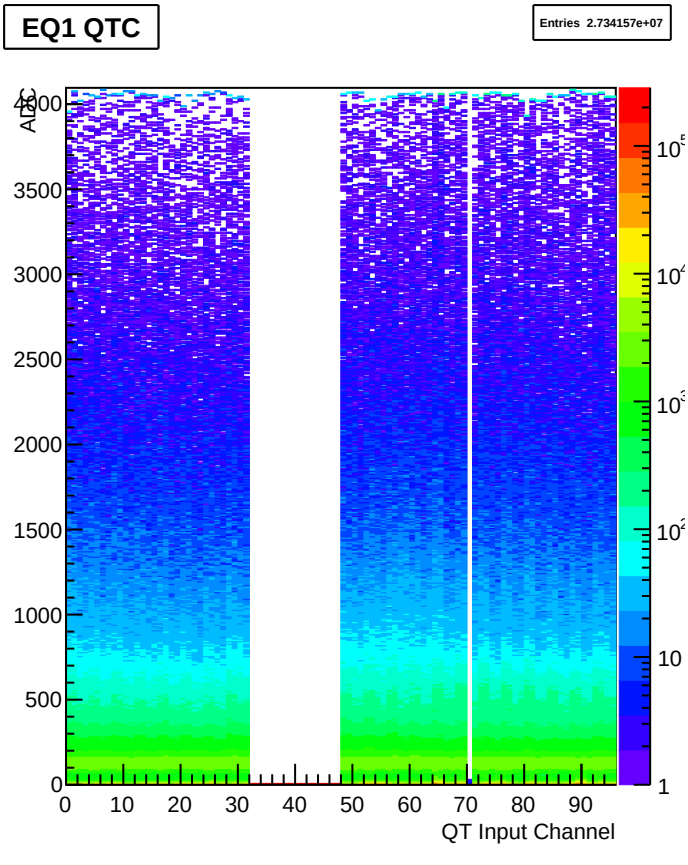

BBQ-VP001 East
Entries 4556928
TADC
QT Input Channel

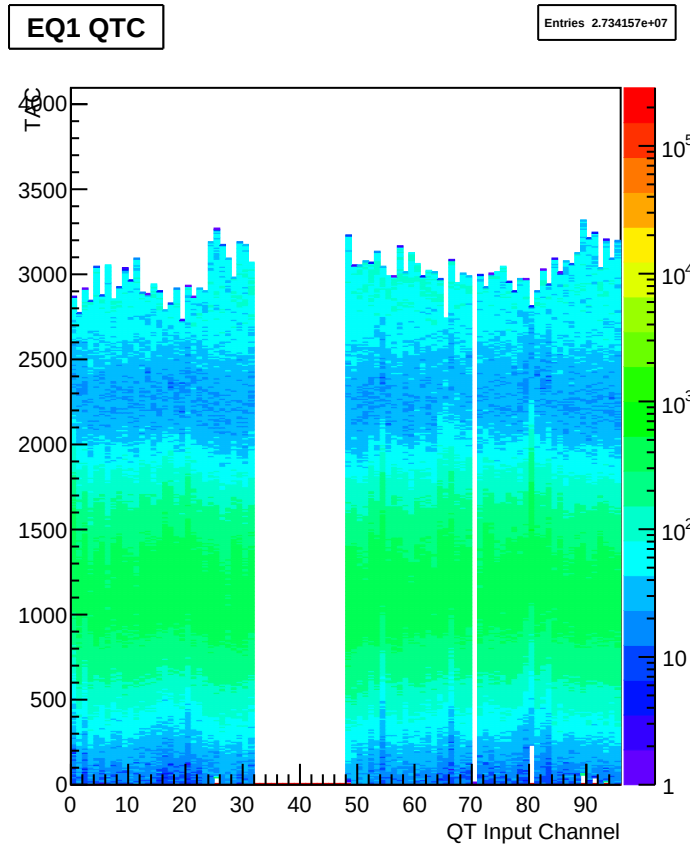

BBQ-VP002 West
Entries 4556928
ADC
QT Input Channel

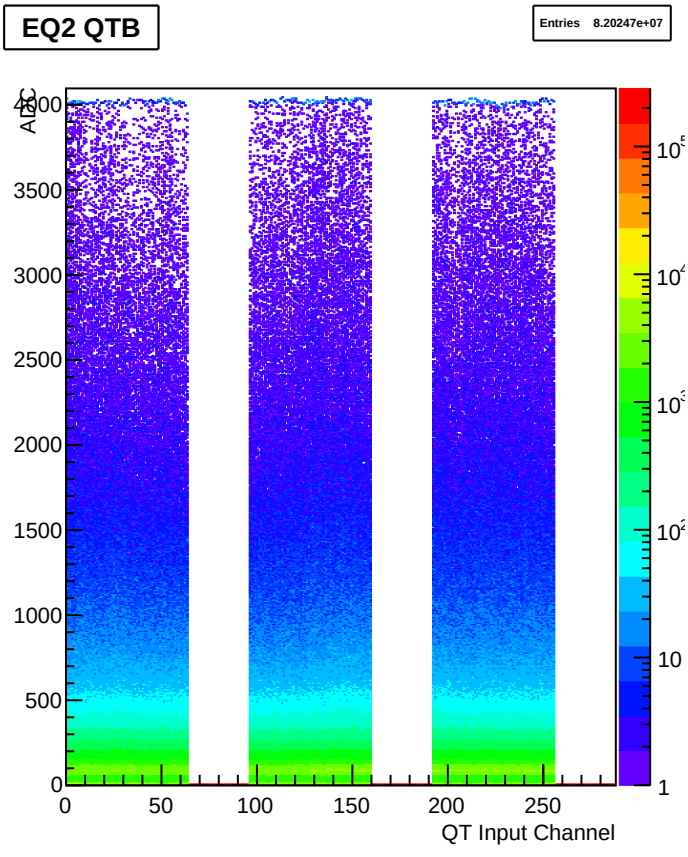

BBQ-VP002 West
Entries 4556928
TADC
QT Input Channel

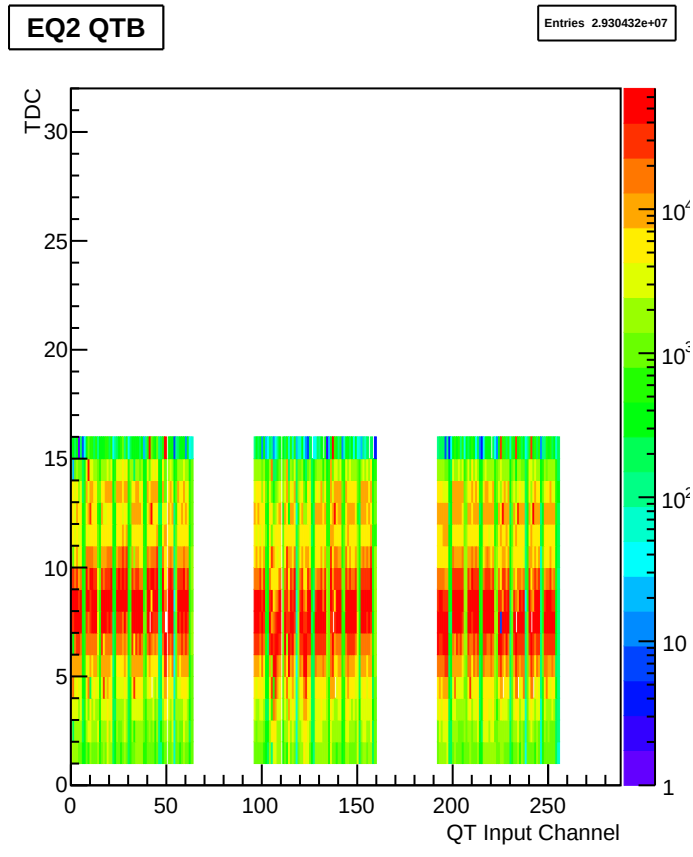

EQ1 QTB
Entries 8.20247e+07
ADC
QT Input Channel

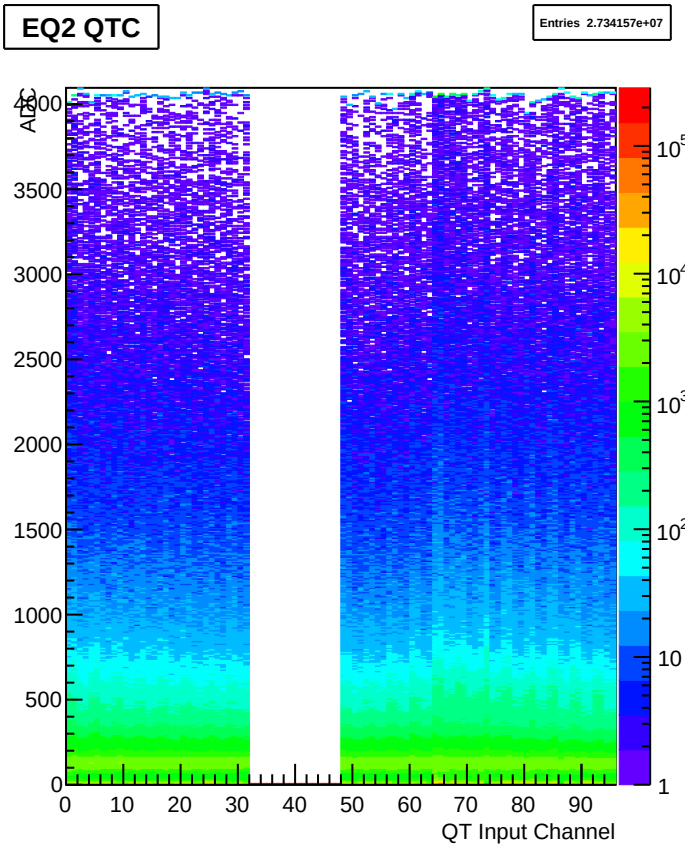

EQ1 QTB
Entries 2.89008e+07
TDC
QT Input Channel

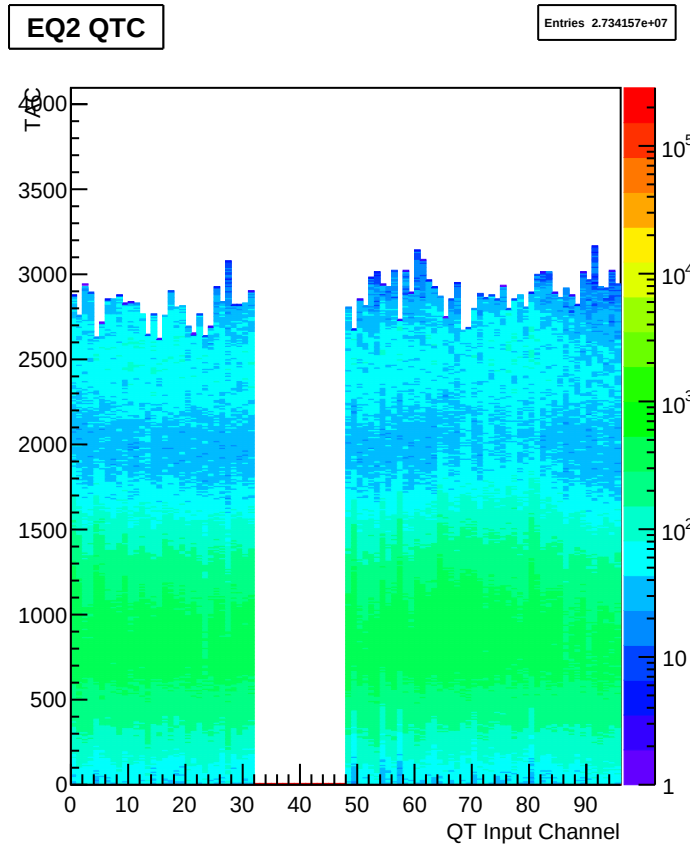

EQ1 QTC
Entries 2.734157e+07
ADC
QT Input Channel

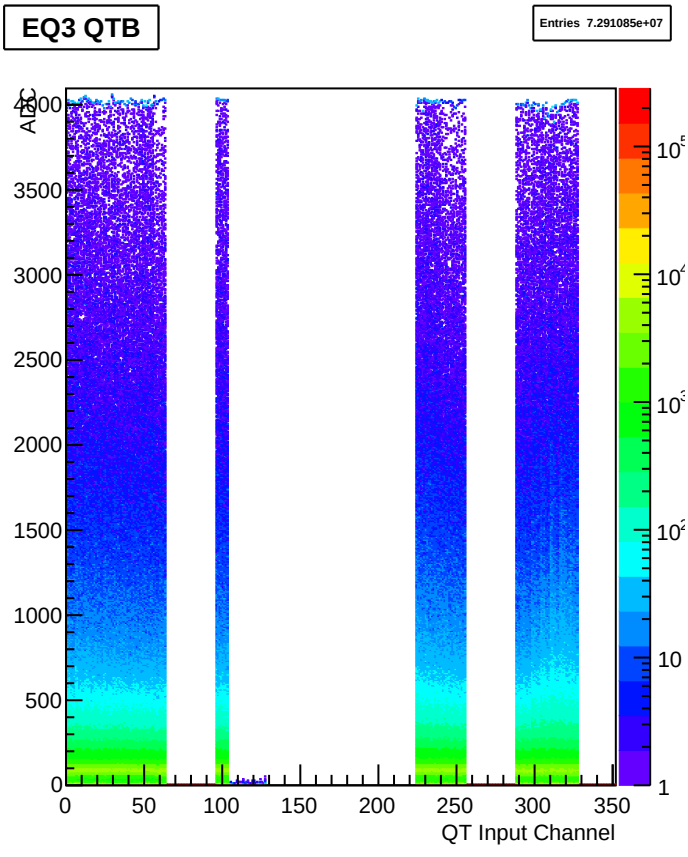

EQ1 QTC
Entries 2.734157e+07
TADC
QT Input Channel

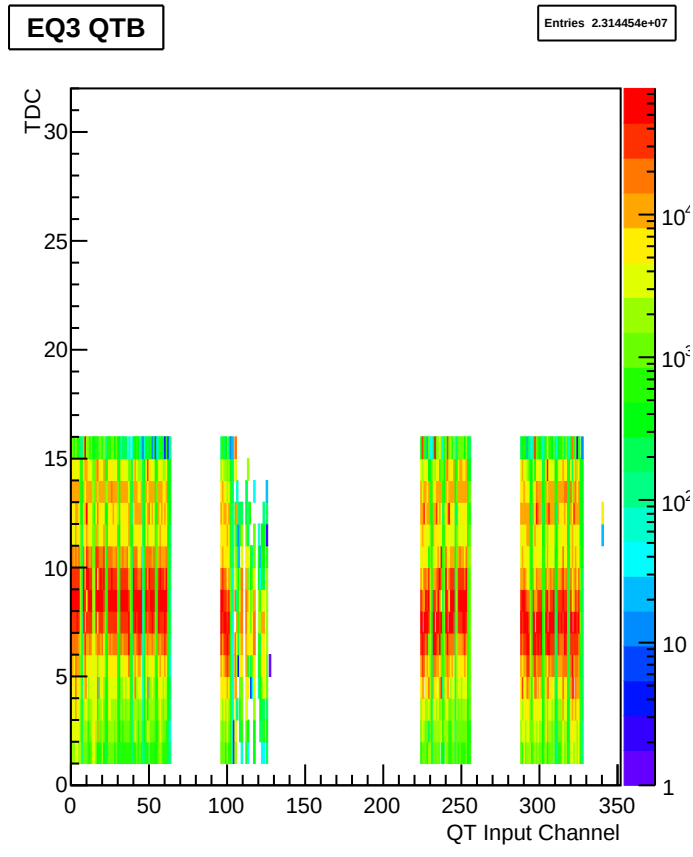

EQ2 QTB
Entries 8.20247e+07
ADC
QT Input Channel

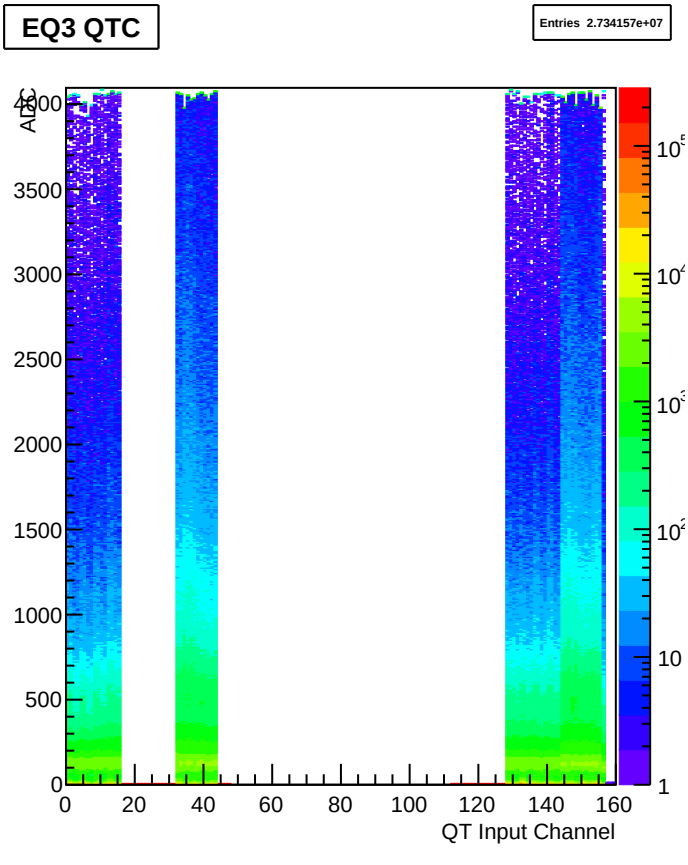

EQ2 QTB
Entries 2.930432e+07
TDC
QT Input Channel

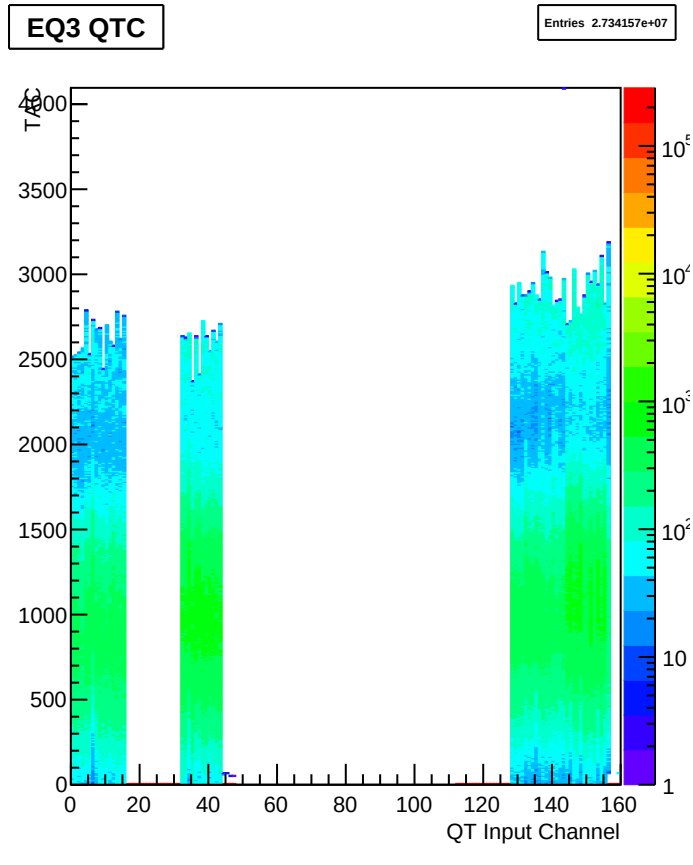

EQ2 QTC
Entries 2.734157e+07
ADC
QT Input Channel

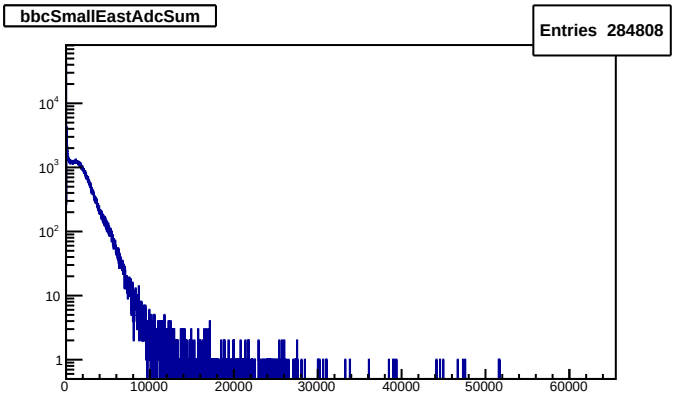

EQ2 QTC
Entries 2.734157e+07
TADC
QT Input Channel

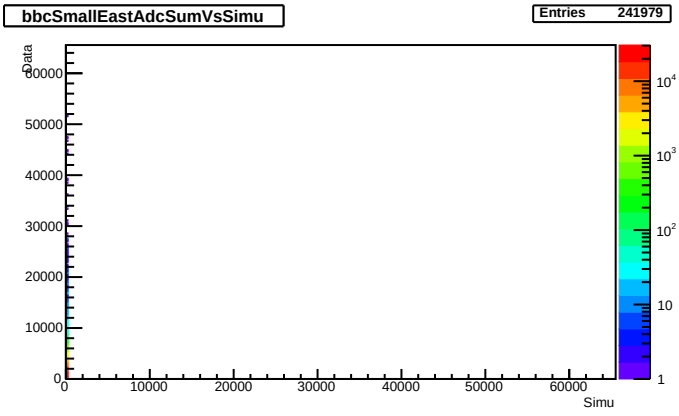

EQ3 QTB
Entries 7.291085e+07
ADC
QT Input Channel

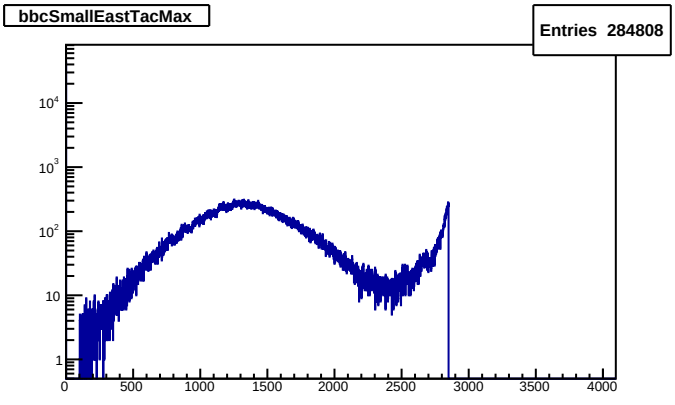

EQ3 QTB
Entries 2.314454e+07
TDC
QT Input Channel

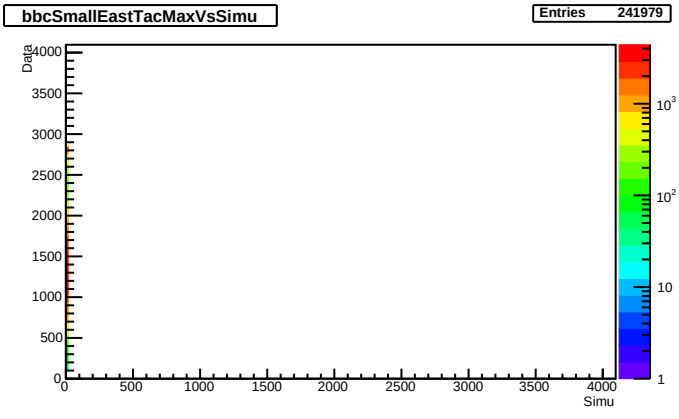

EQ3 QTC
Entries 2.734157e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.734157e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 284808


bbcSmallEastAdcSumVsSimu
Entries 241979
Data
Simu


bbcSmallEastTacMax
Entries 284808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Entries 241979
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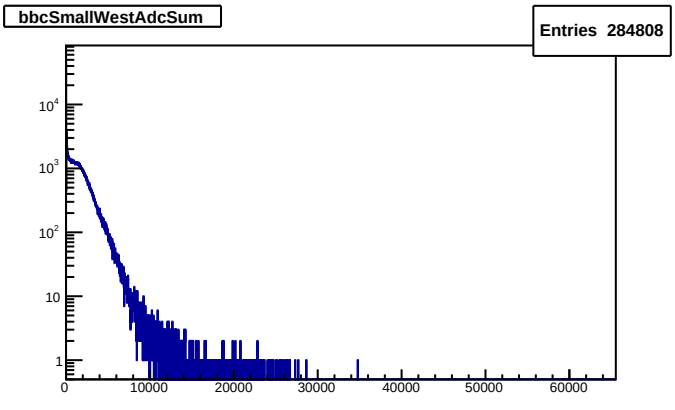
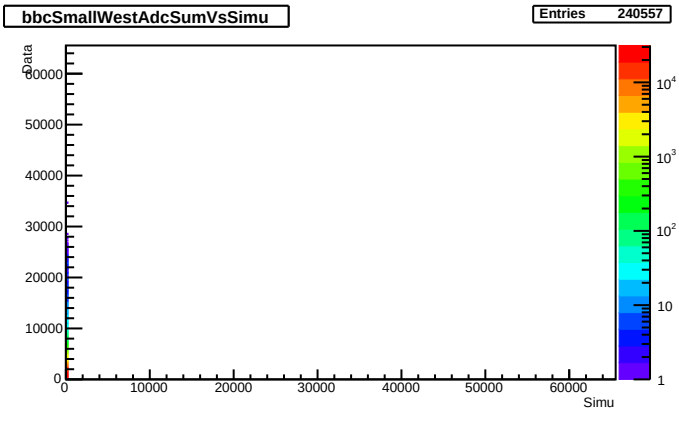
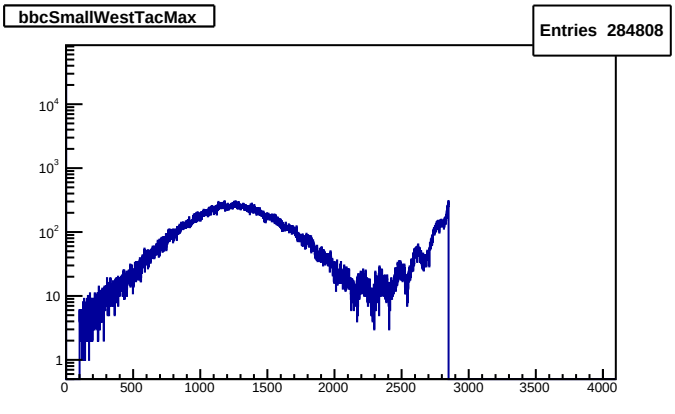

bbcSmallWestAdcSum
Entries 284808


bbcSmallWestAdcSumVsSimu
Entries 240557
Data
Simu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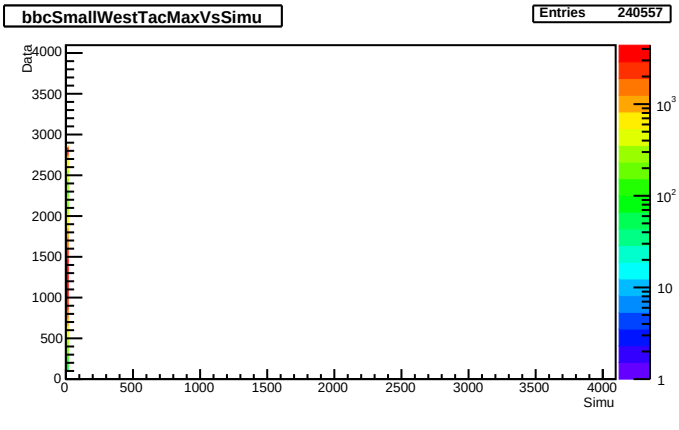
Entries 284808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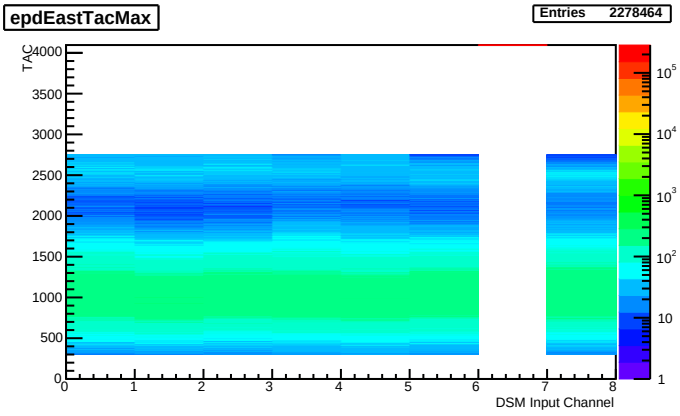
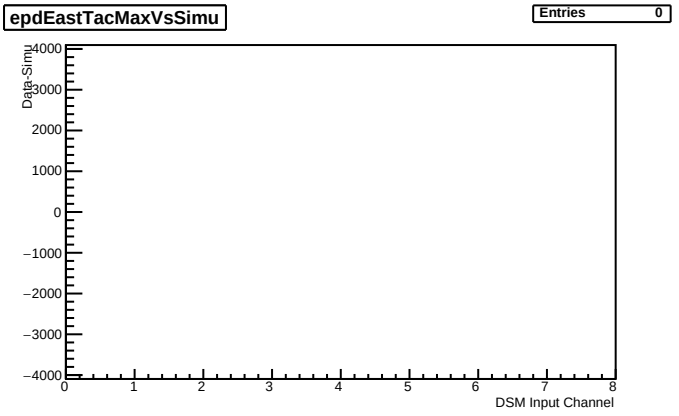
Entries 240557
Data
Simu


epdEastTacMax
Entries 2278464
TAC
DSM Input Channel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Entries 0
Data-Simu
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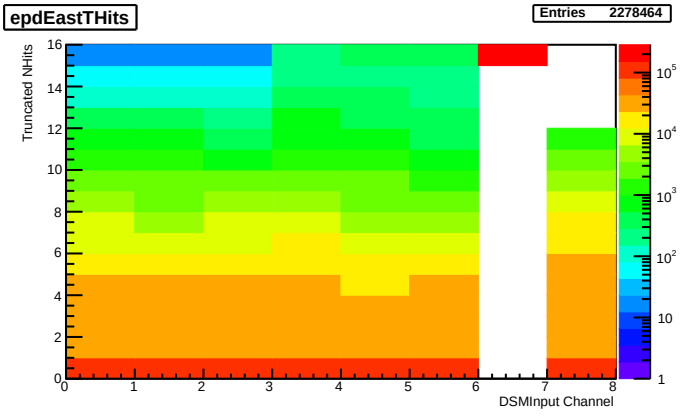
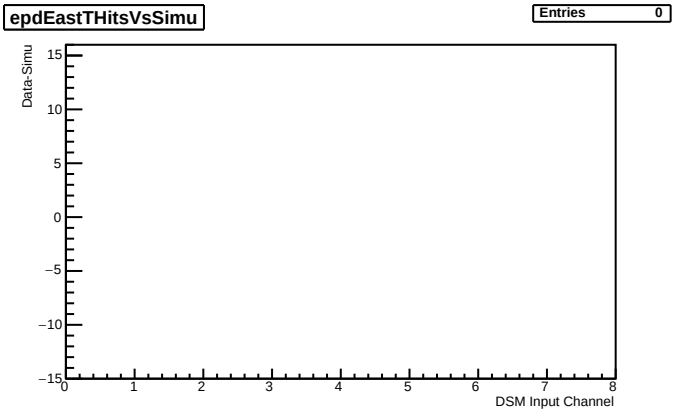

epdEastTHits
Entries 2278464
Truncated NHits
DSMInput Channel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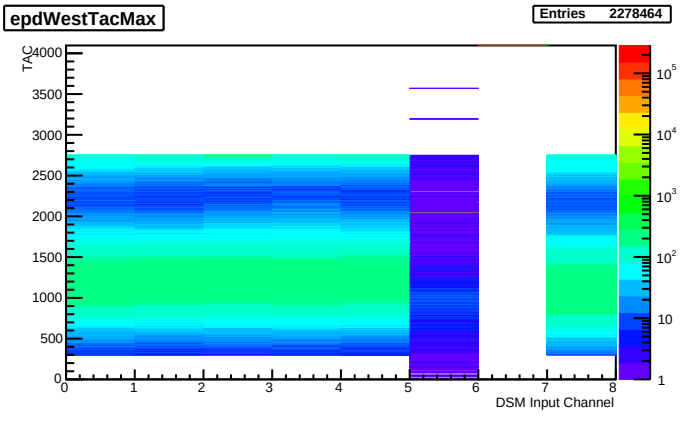
Data-Simu
DSM Input Channel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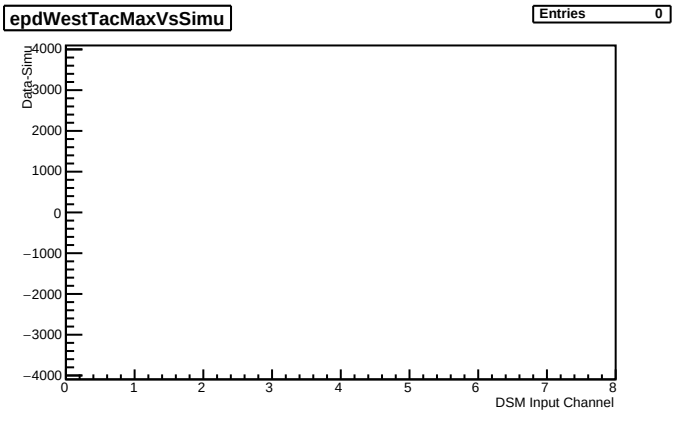
Entries 2278464
TAC
DSM Input Channel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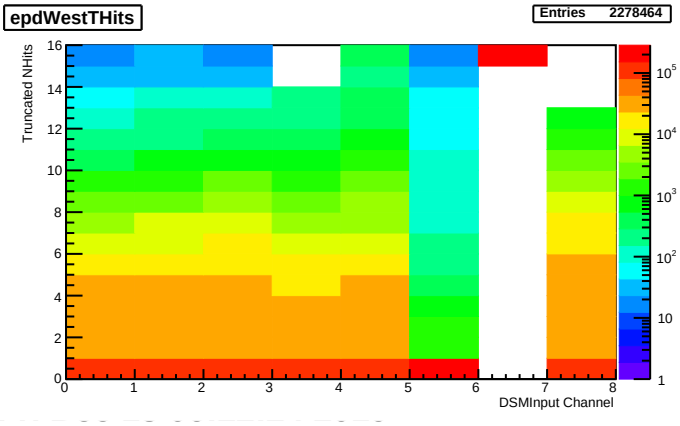
Data-Simu
DSM Input Channel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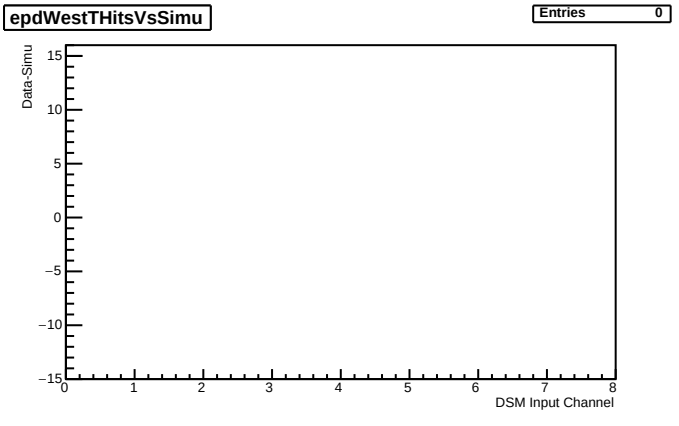
Entries 2278464
Truncated NHits
DSMInput Channel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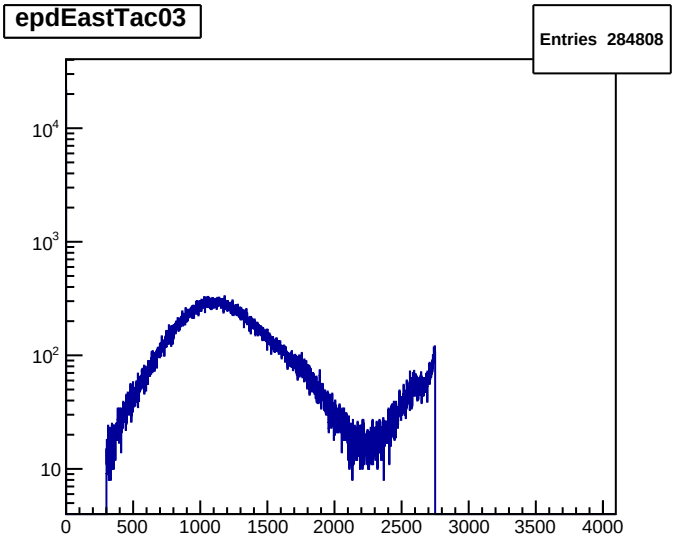
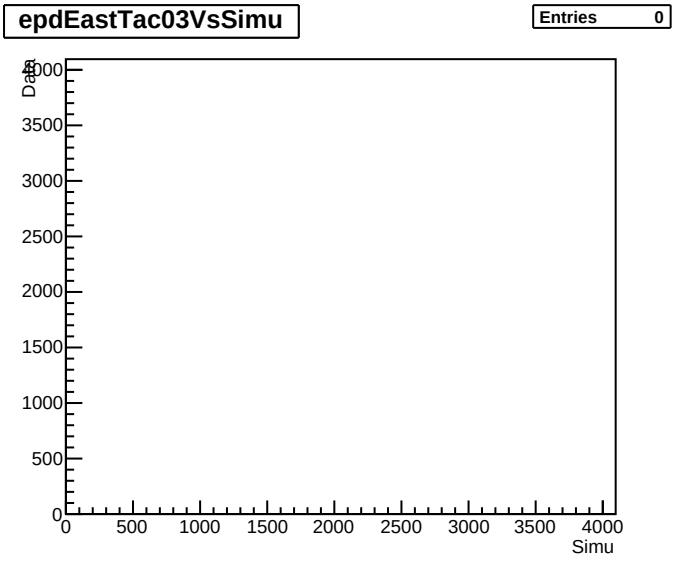
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 284808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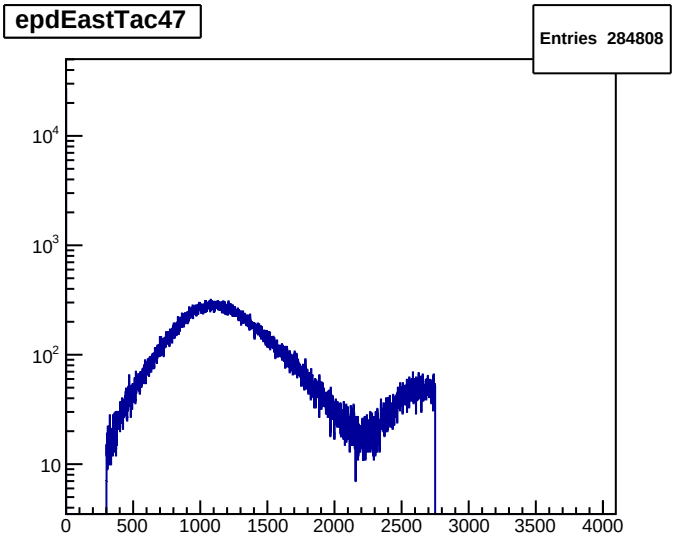
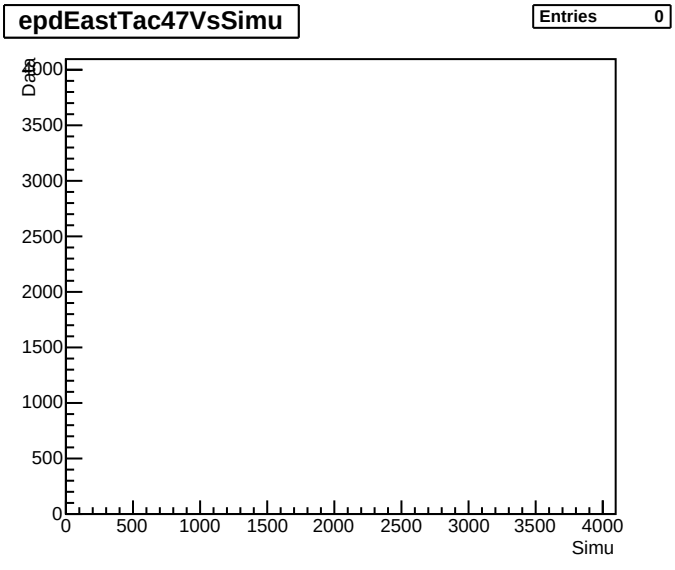
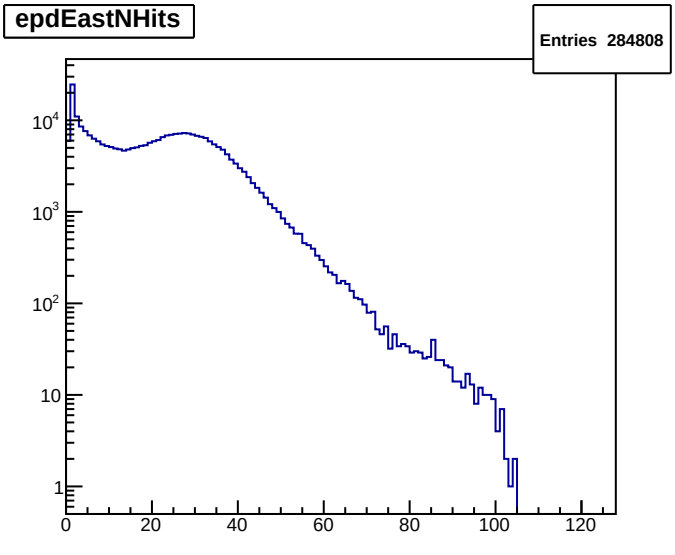
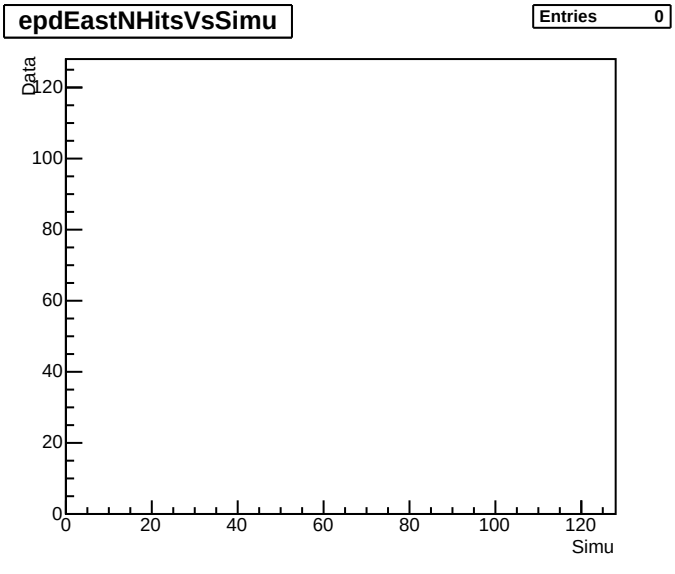
Entries 0
Data
Simu


epdEastTac47
Entries 284808


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 284808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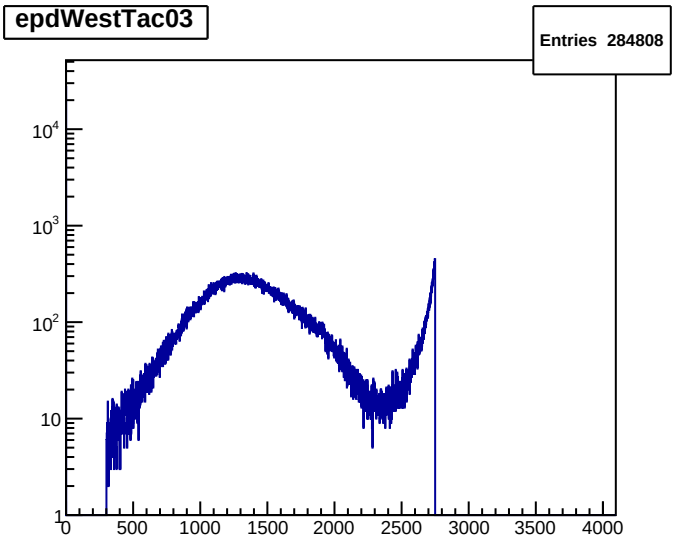
Entries 0
Data
Simu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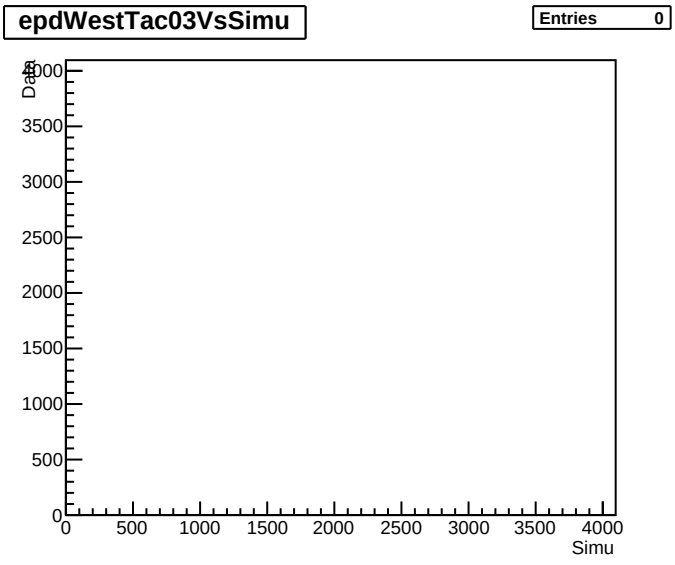
Entries 284808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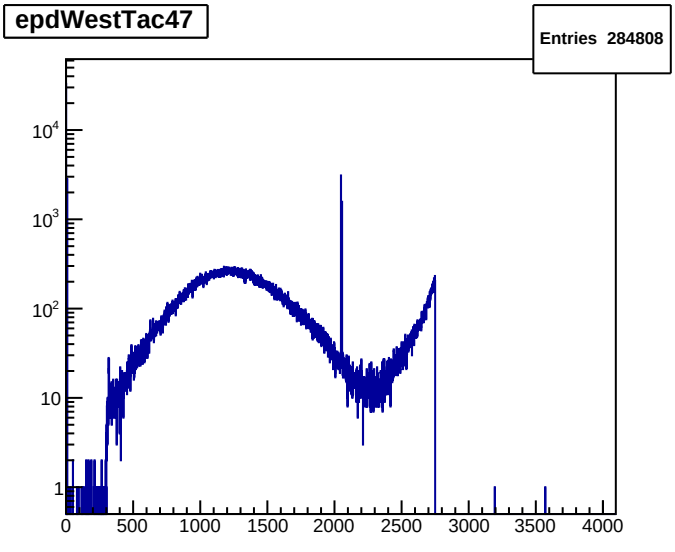
Entries 0
Data
Simu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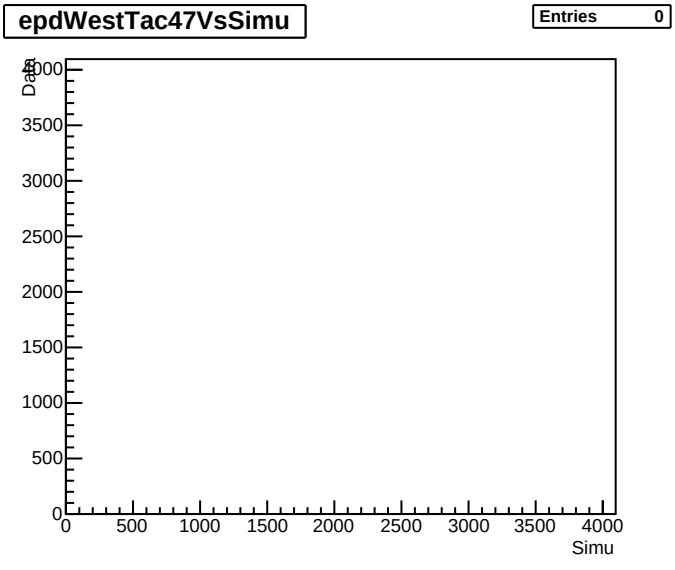
Entries 284808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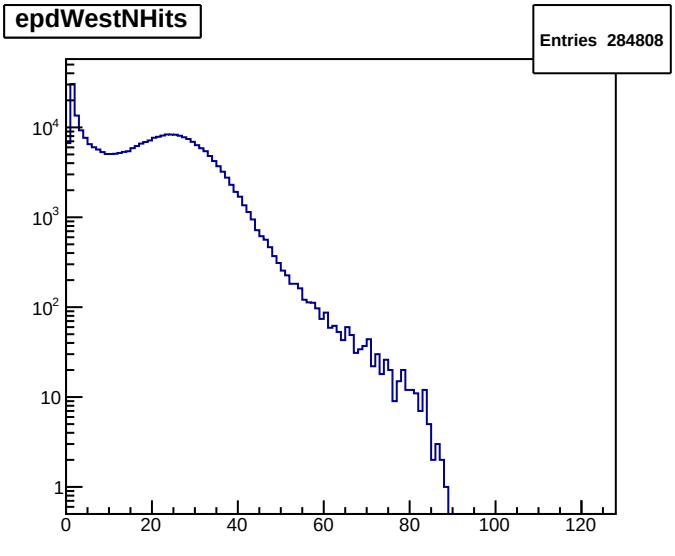
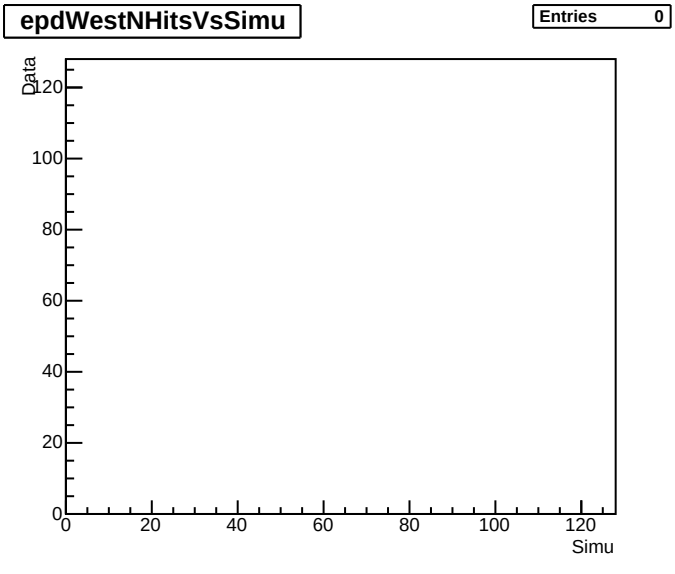
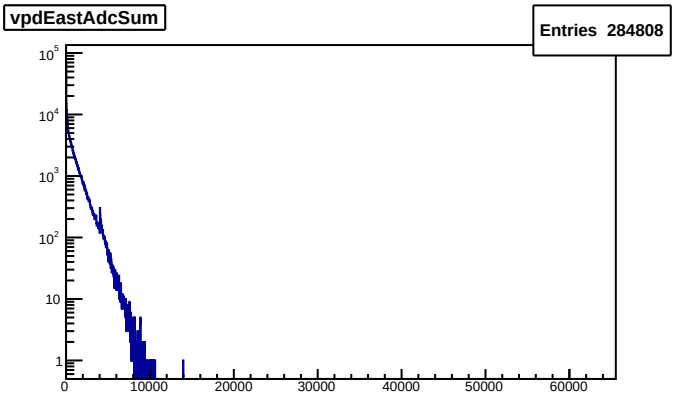
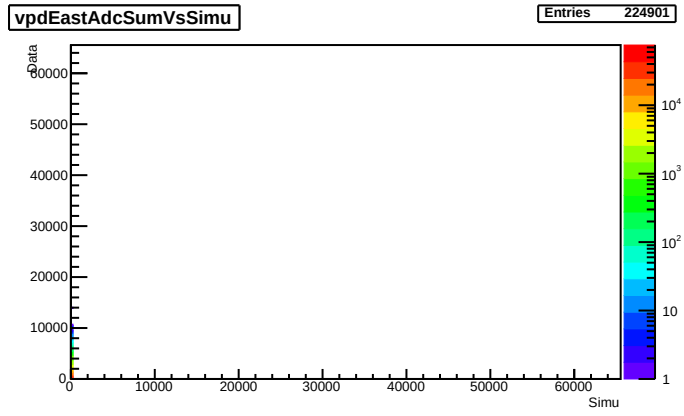
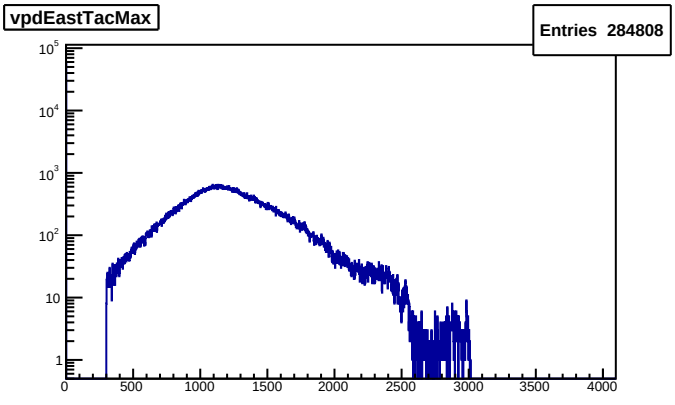
Entries 0
Data
Simu

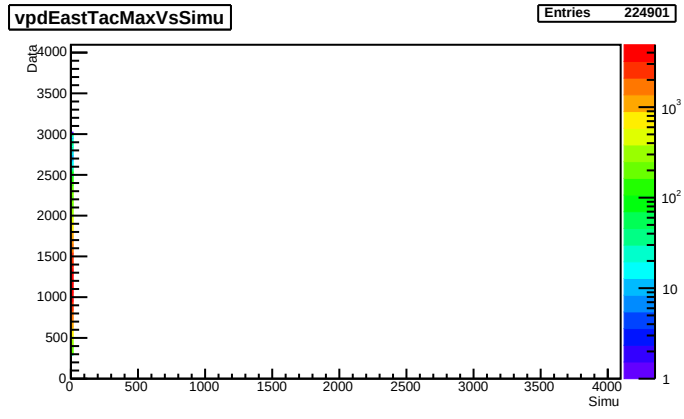

epdWestNHits
Entries 284808

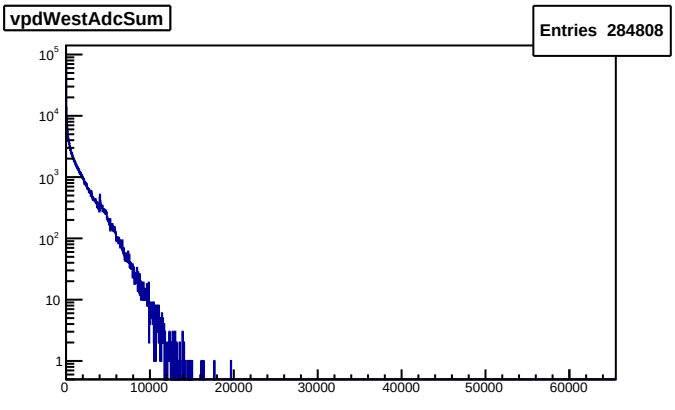

epdWestNHitsVsSimu
Entries 0
Data
Simu

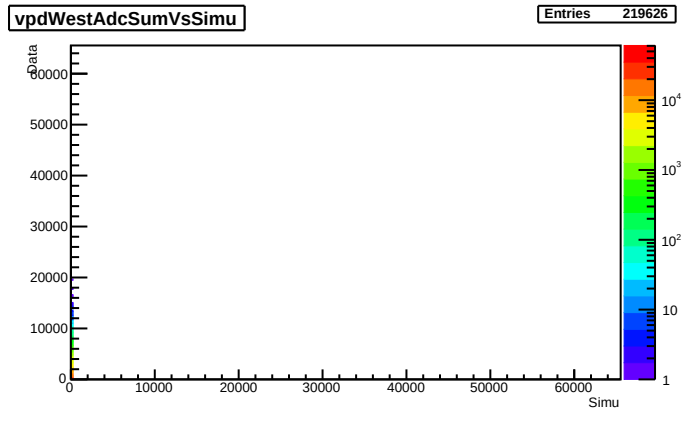

vpdEastAdcSum
Entries 284808

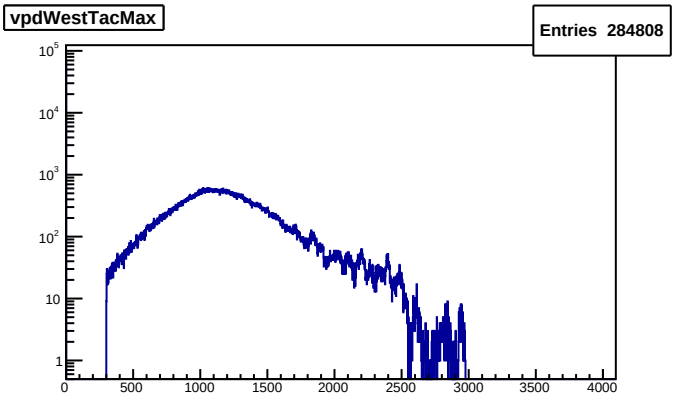

vpdEastAdcSumVsSimu
Entries 224901
Data
Simu

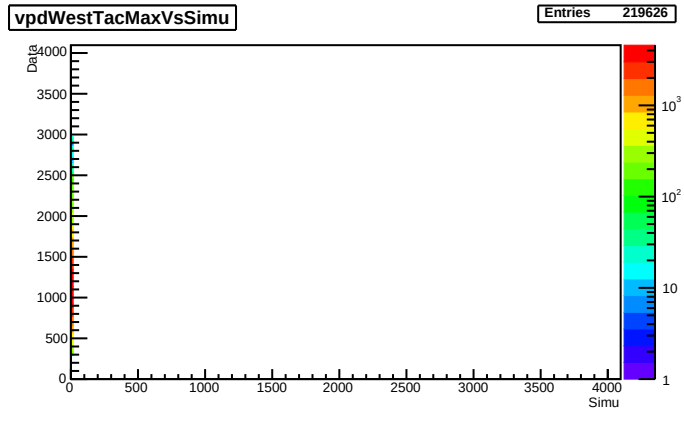

vpdEastTacMax
Entries 284808

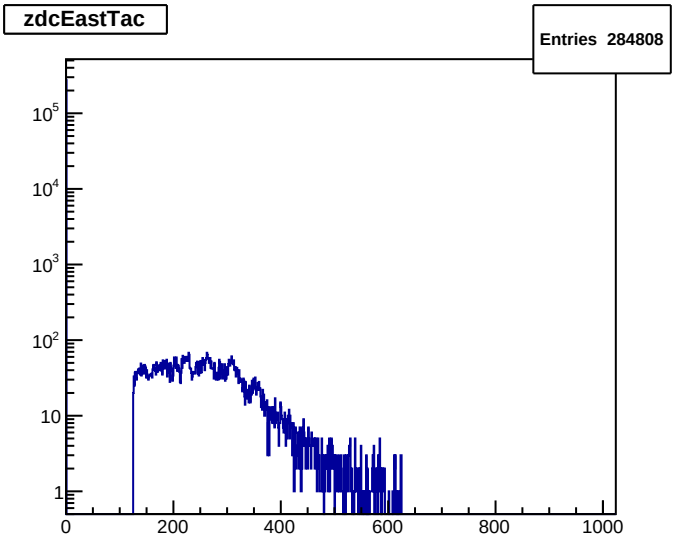

vpdEastTacMaxVsSimu
Entries 224901
Data
Simu

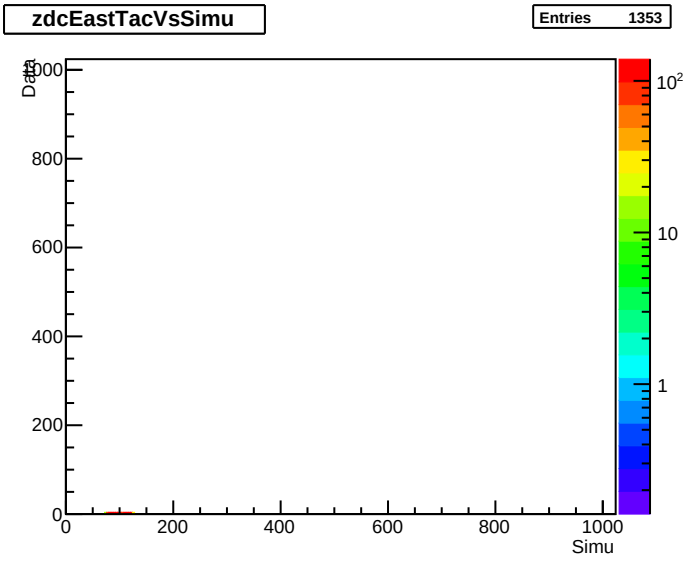

vpdWestAdcSum
Entries 284808

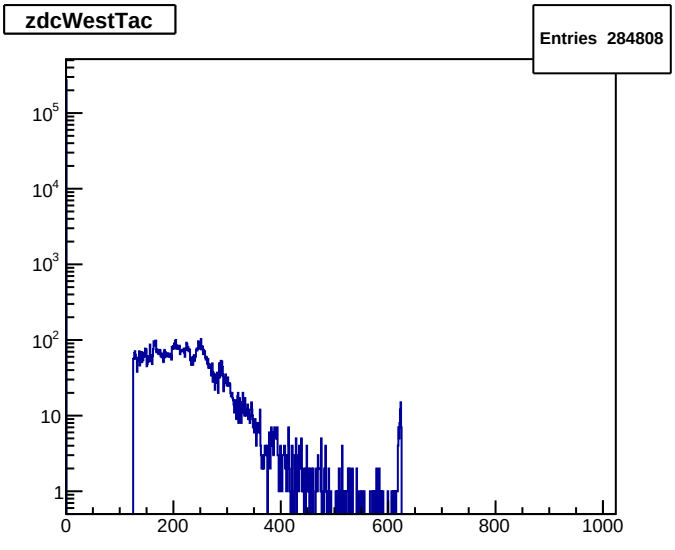

vpdWestAdcSumVsSimu
Entries 219626
Data
Simu

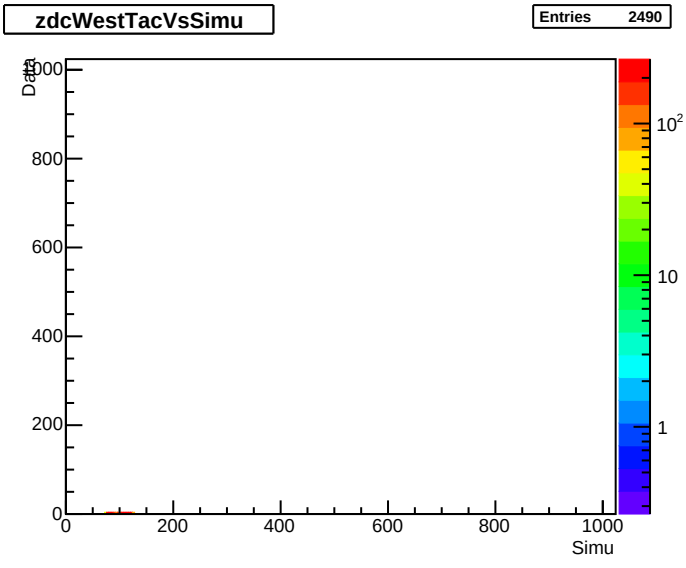

vpdWestTacMax
Entries 284808

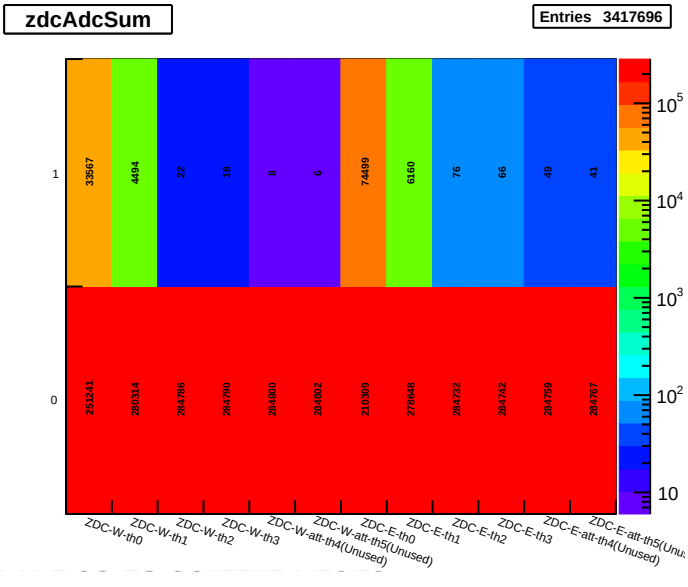

vpdWestTacMaxVsSimu
Entries 219626
Data
Simu

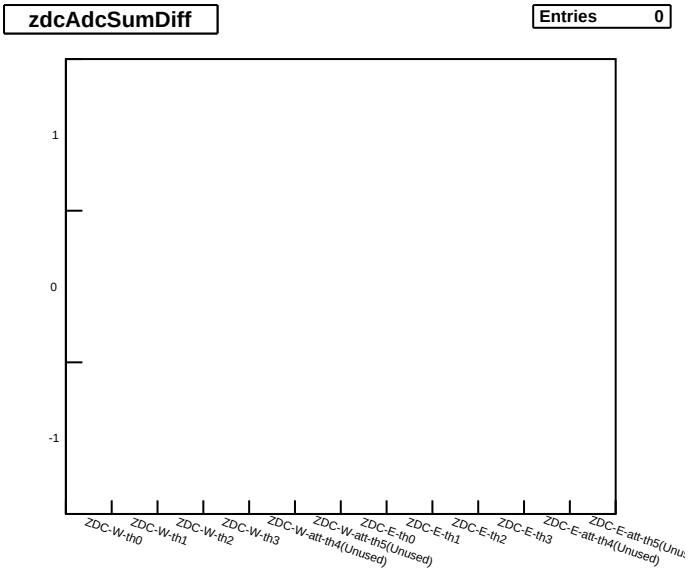

zdcEastTac
Entries 284808

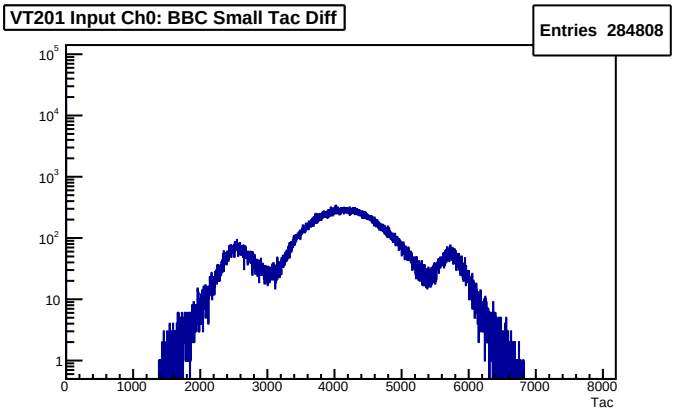

zdcEastTacVsSimu
Entries 1353
Data
Simu

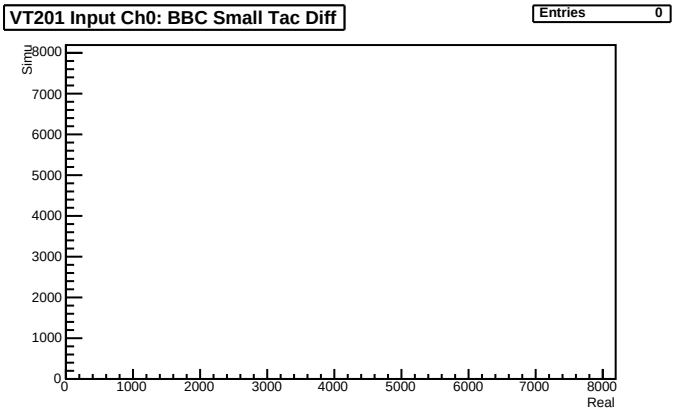

zdcWestTac
Entries 284808

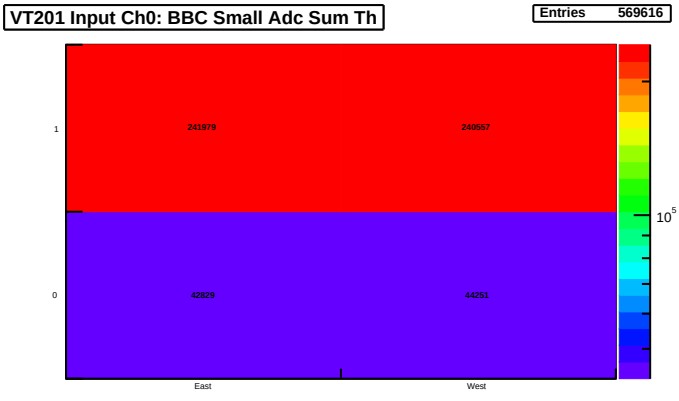

zdcWestTacVsSimu
Entries 2490
Data
Simu

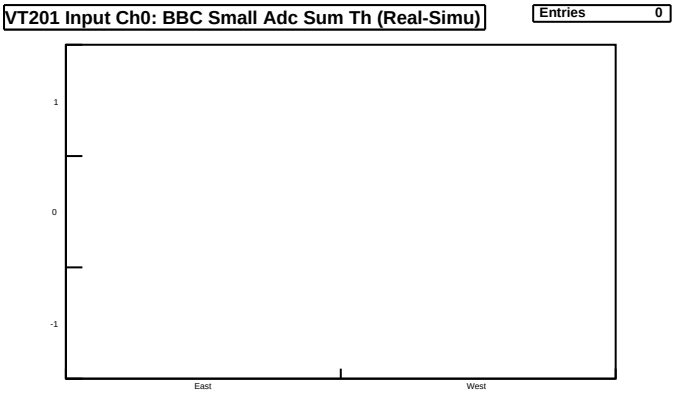

zdcAdcSum
Entries 3417696
33567
4494
22
18
8
6
74499
6160
76
66
49
41
253241
280314
284786
284790
284800
284802
210309
278648
284732
284742
284759
284767
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

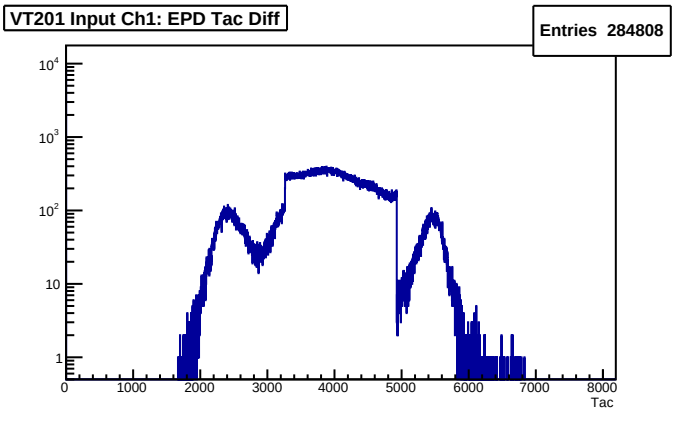

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

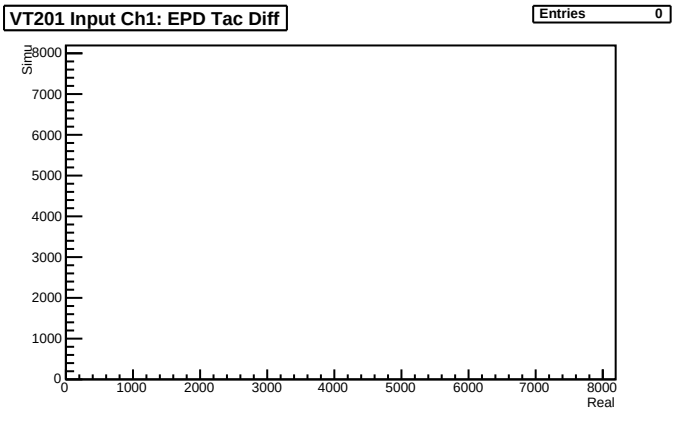

VT201 Input Ch0: BBC Small Tac Diff
Entries 284808
Tac

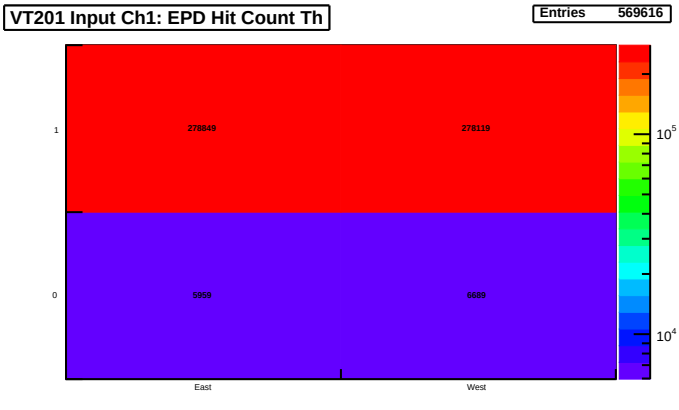

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

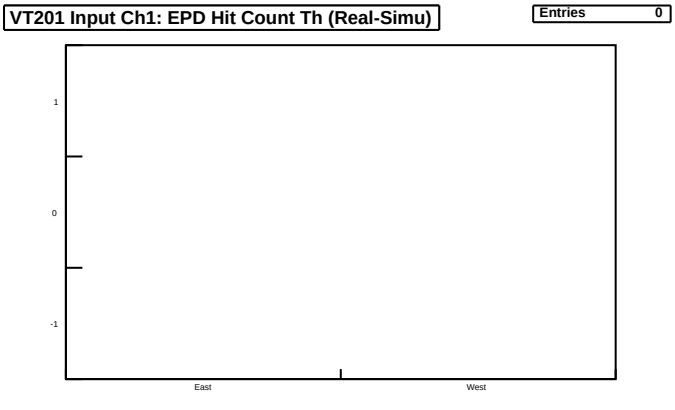

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 569616
241979
240557
42829
44251
East
West

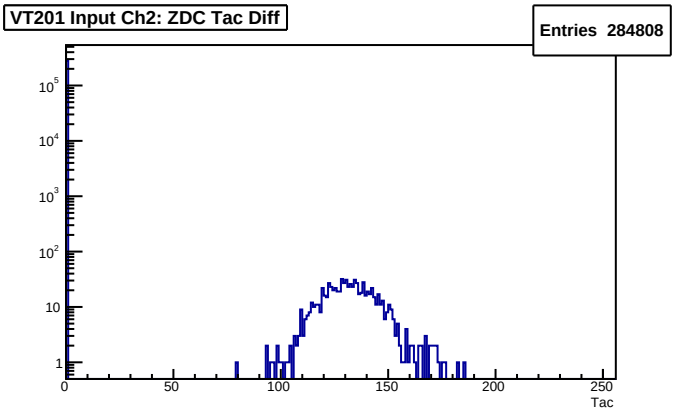

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

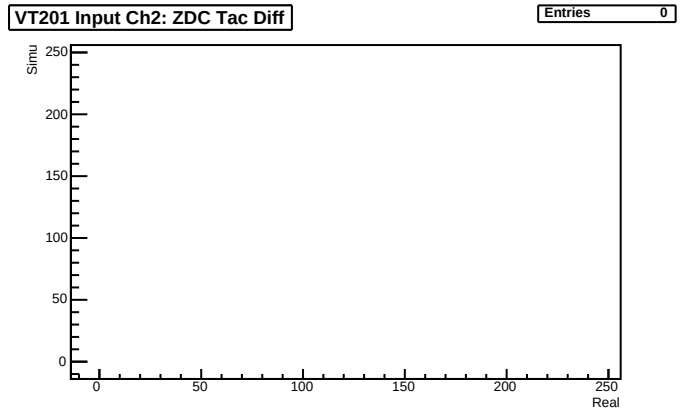

VT201 Input Ch1: EPD Tac Diff
Entries 284808
Tac

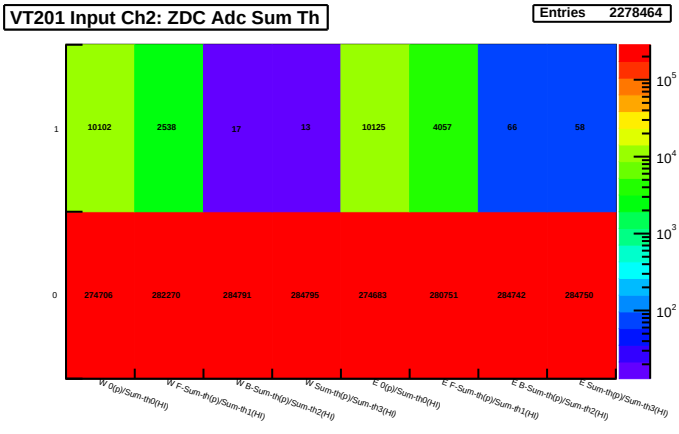

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

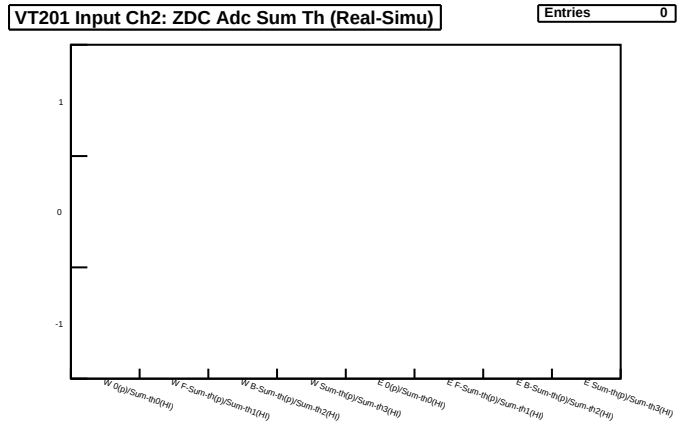

VT201 Input Ch1: EPD Hit Count Th
Entries 569616
278849
278119
5959
6689
East
West

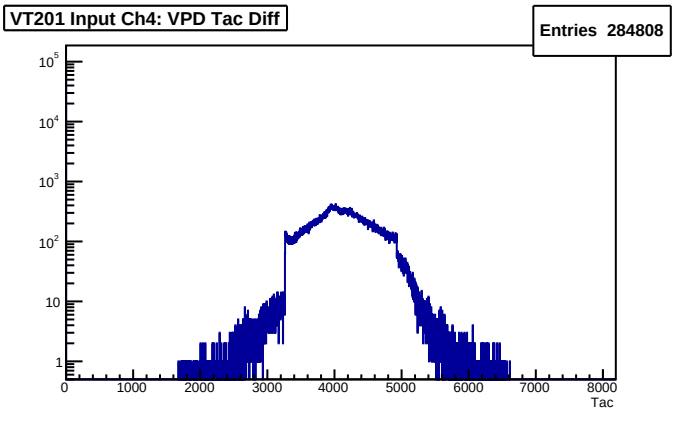

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

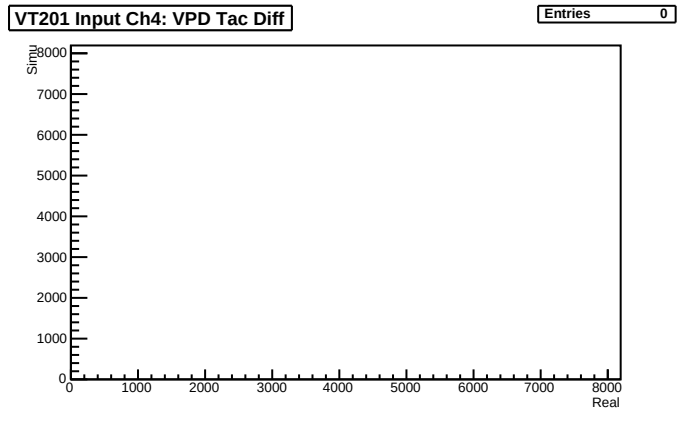

VT201 Input Ch2: ZDC Tac Diff
Entries 284808
Tac

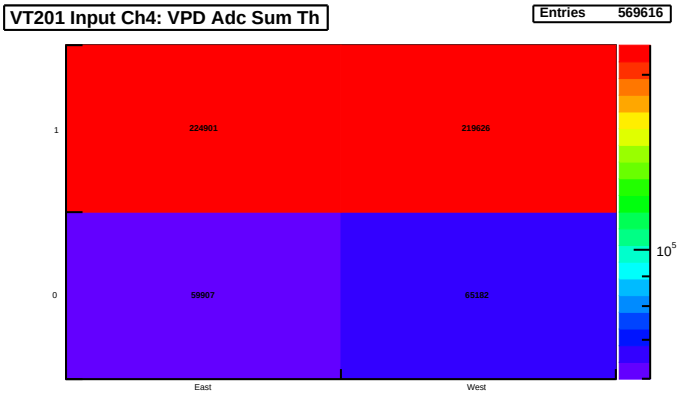

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

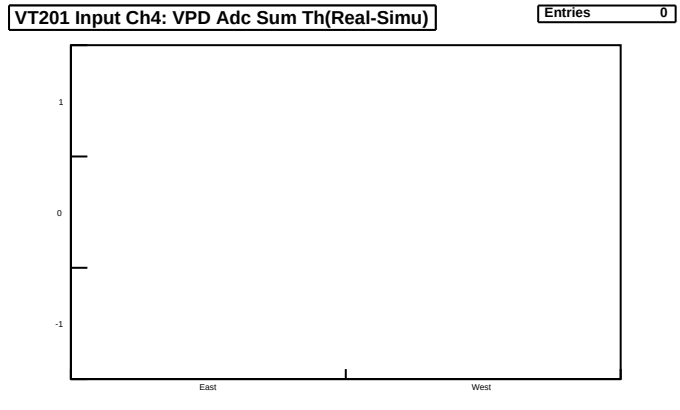

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2278464
10102
2538
17
13
10125
4057
66
58
274706
282270
284791
284795
274683
280751
284742
284750
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

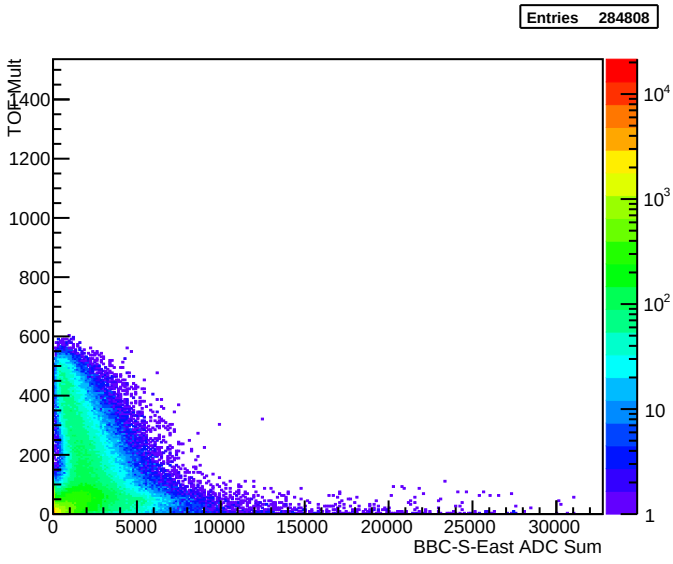

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

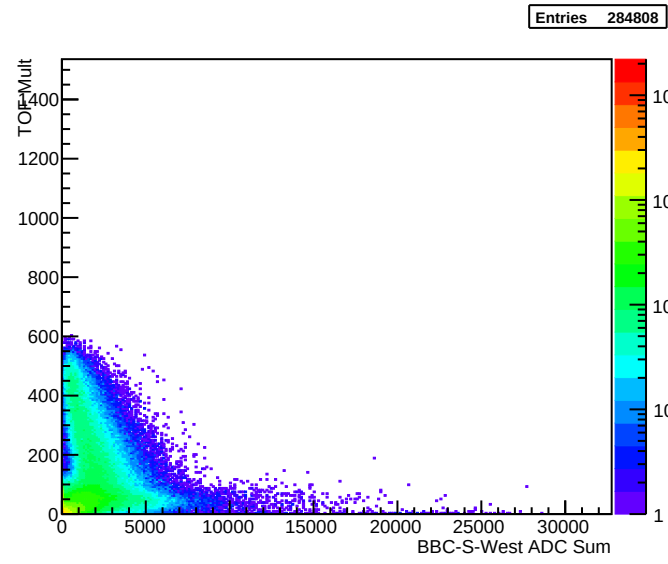

VT201 Input Ch4: VPD Tac Diff
Entries 284808
Tac

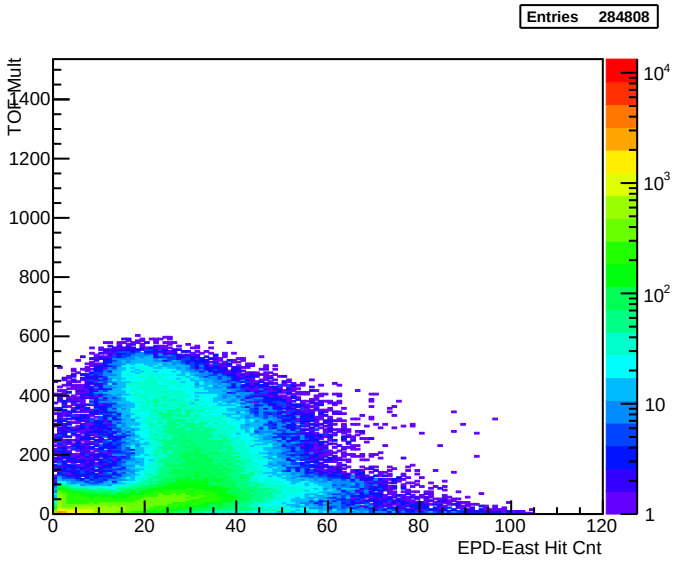

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

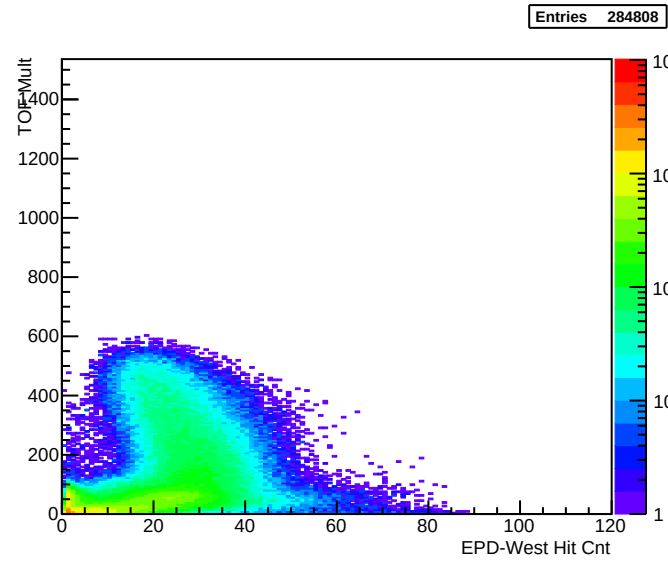

VT201 Input Ch4: VPD Adc Sum Th
Entries 569616
224901
219626
59907
65182
East
West

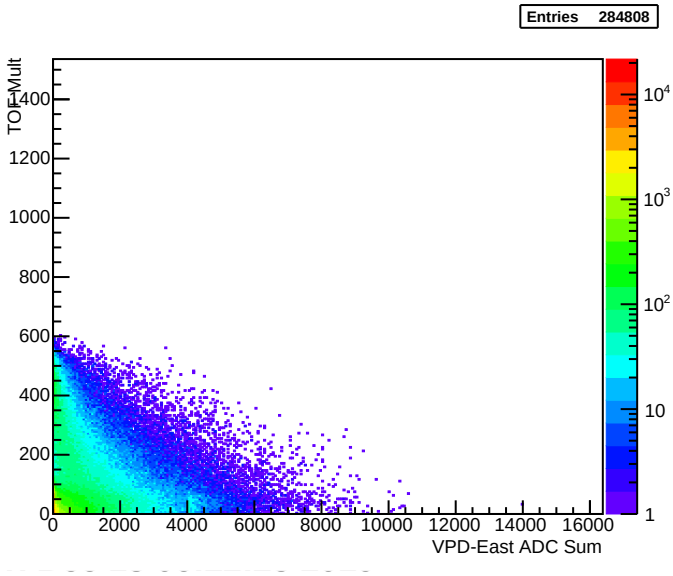

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

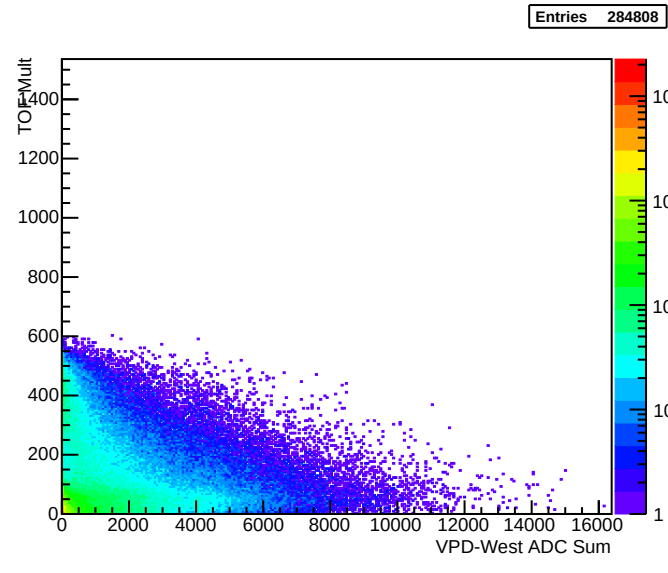

Entries 284808
TOF-Mult
BBC-S-East ADC Sum

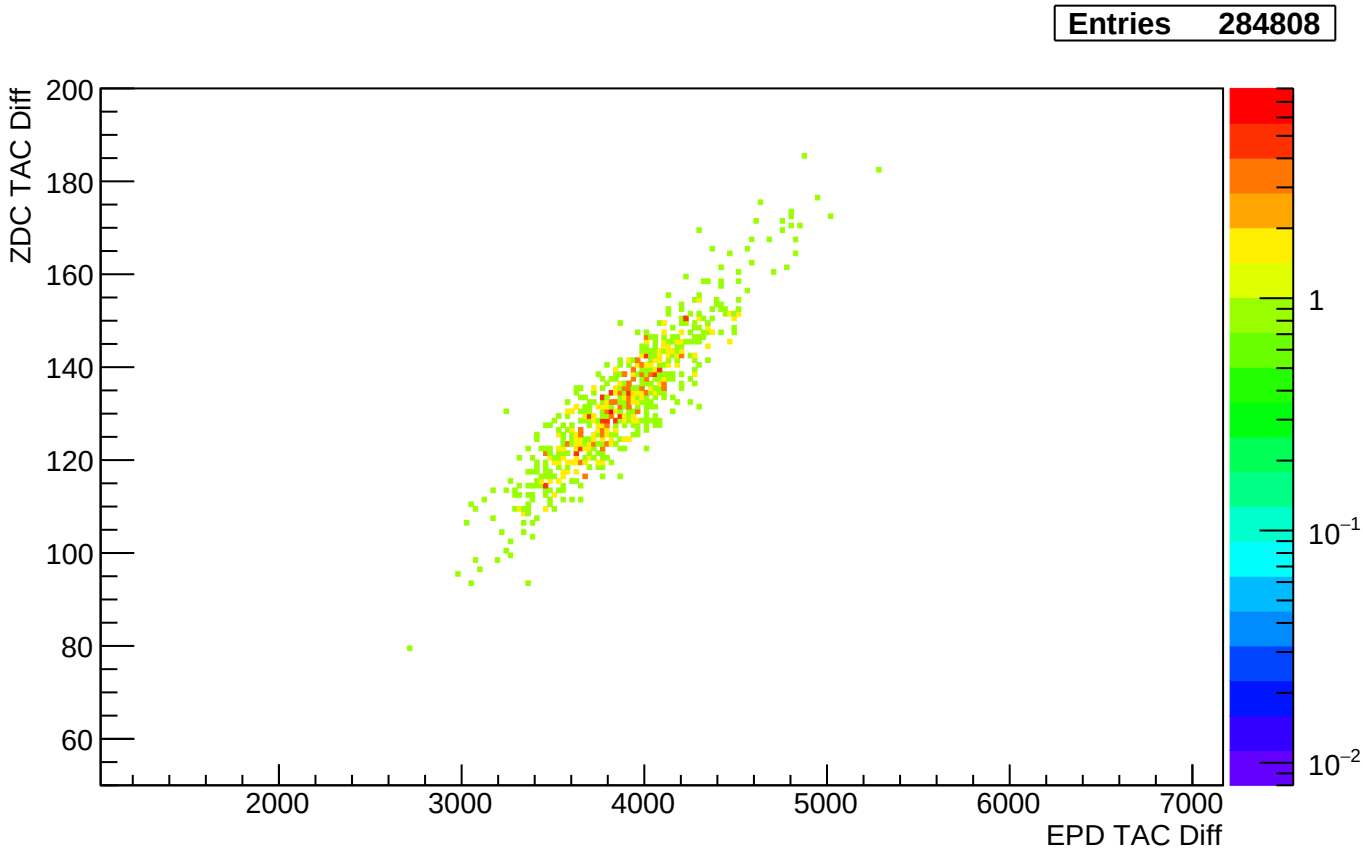

Entries 284808
TOF-Mult
BBC-S-West ADC Sum

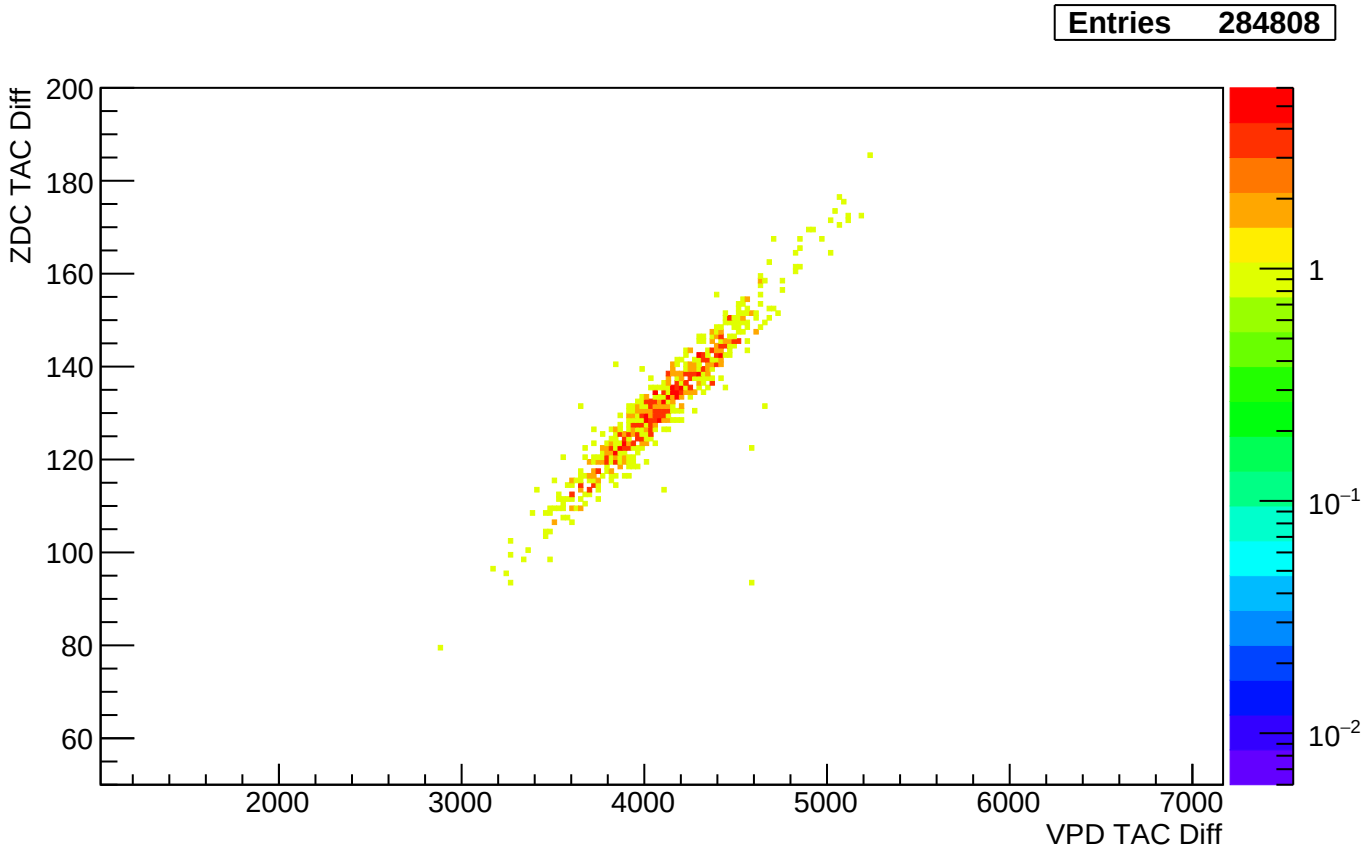

Entries 284808
TOF-Mult
EPD-East Hit Cnt

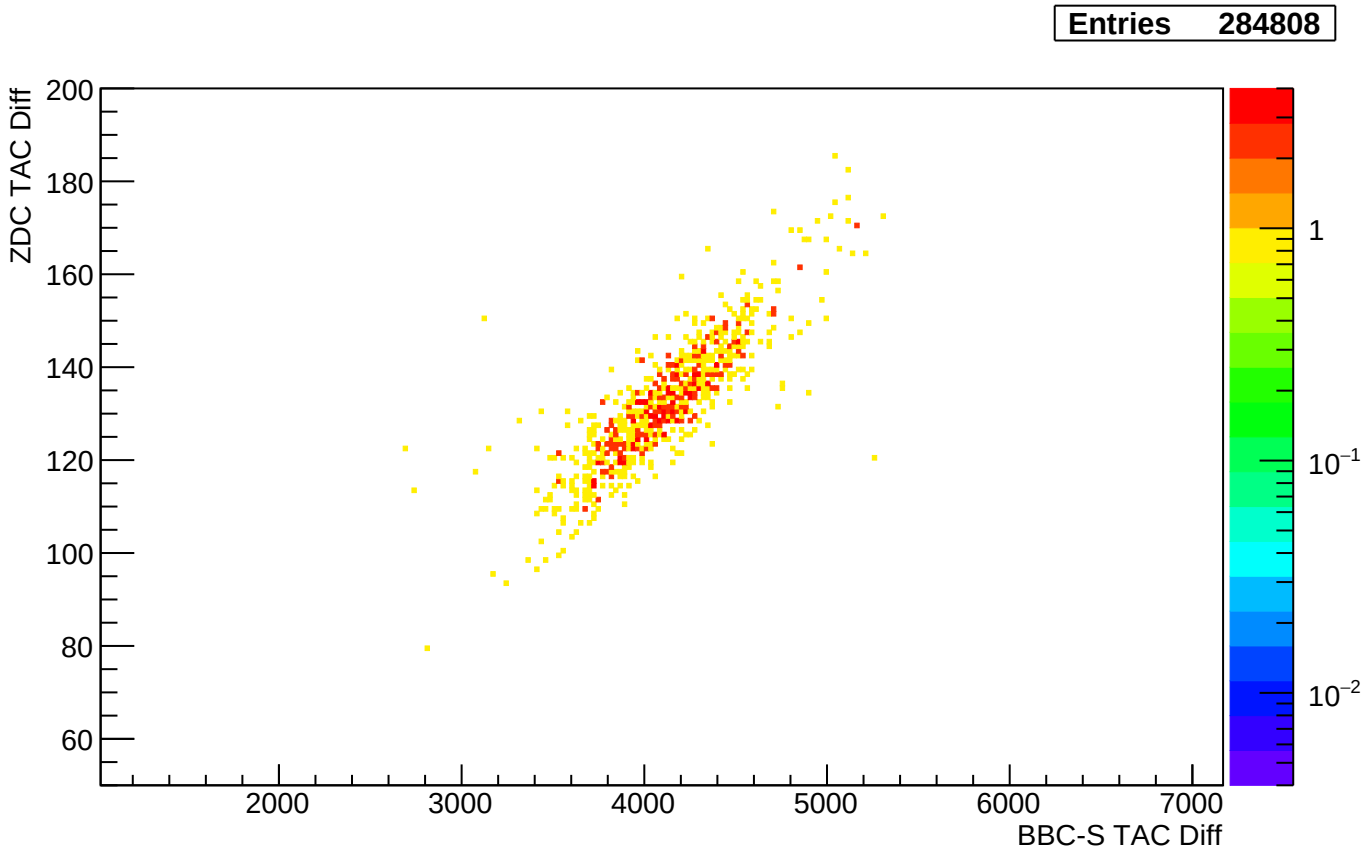

Entries 284808
TOF-Mult
EPD-West Hit Cnt

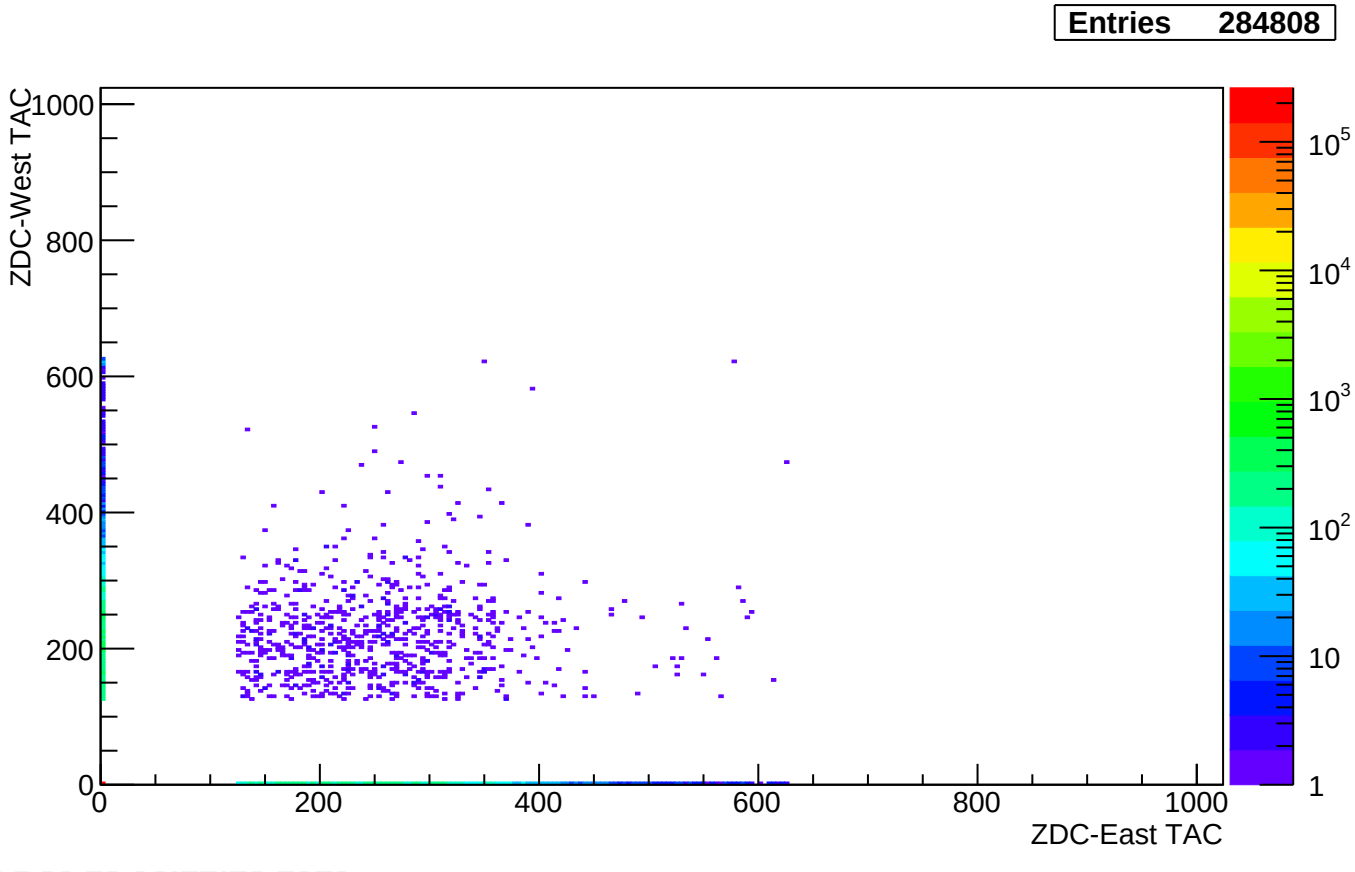

Entries 284808
TOF-Mult
VPD-East ADC Sum

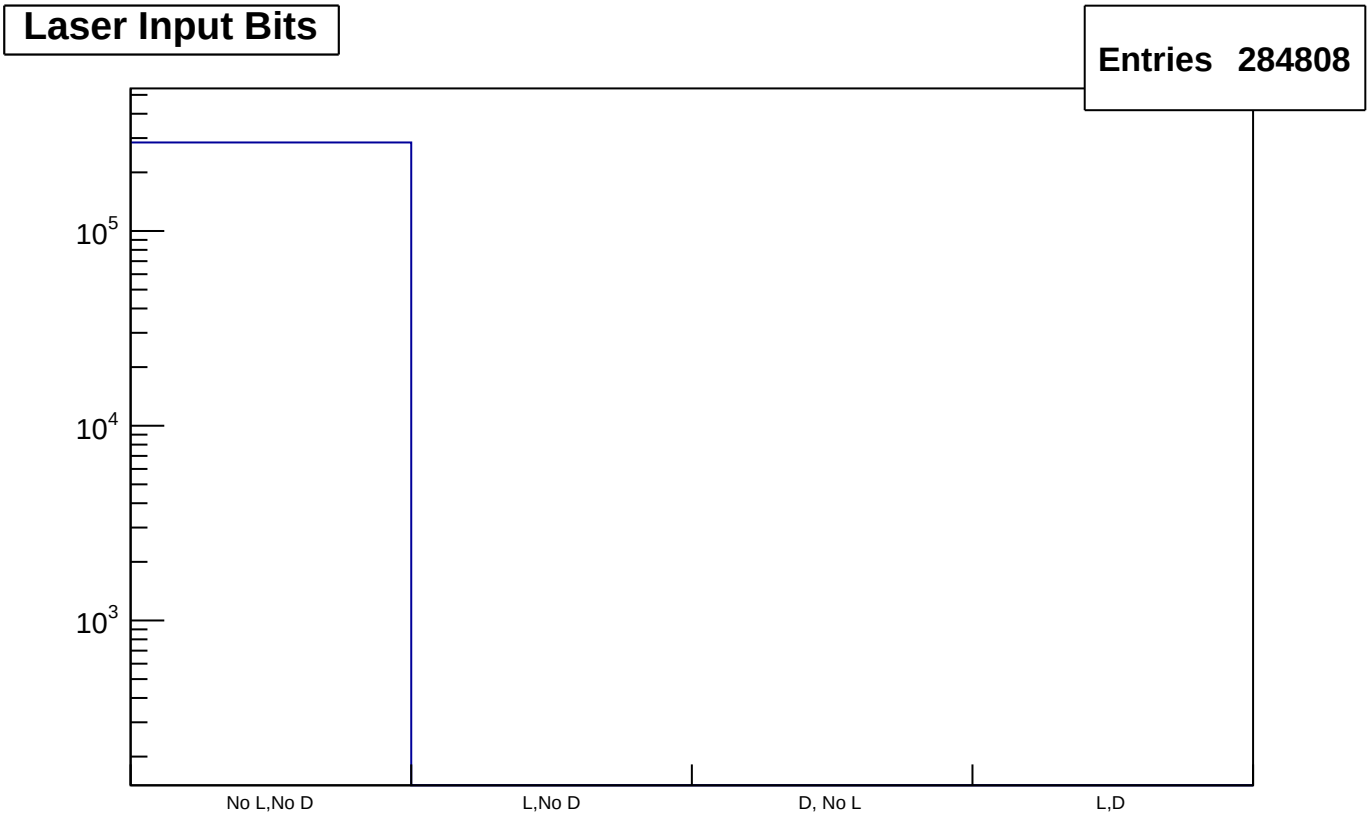

Entries 284808
TOF-Mult
VPD-West ADC Sum

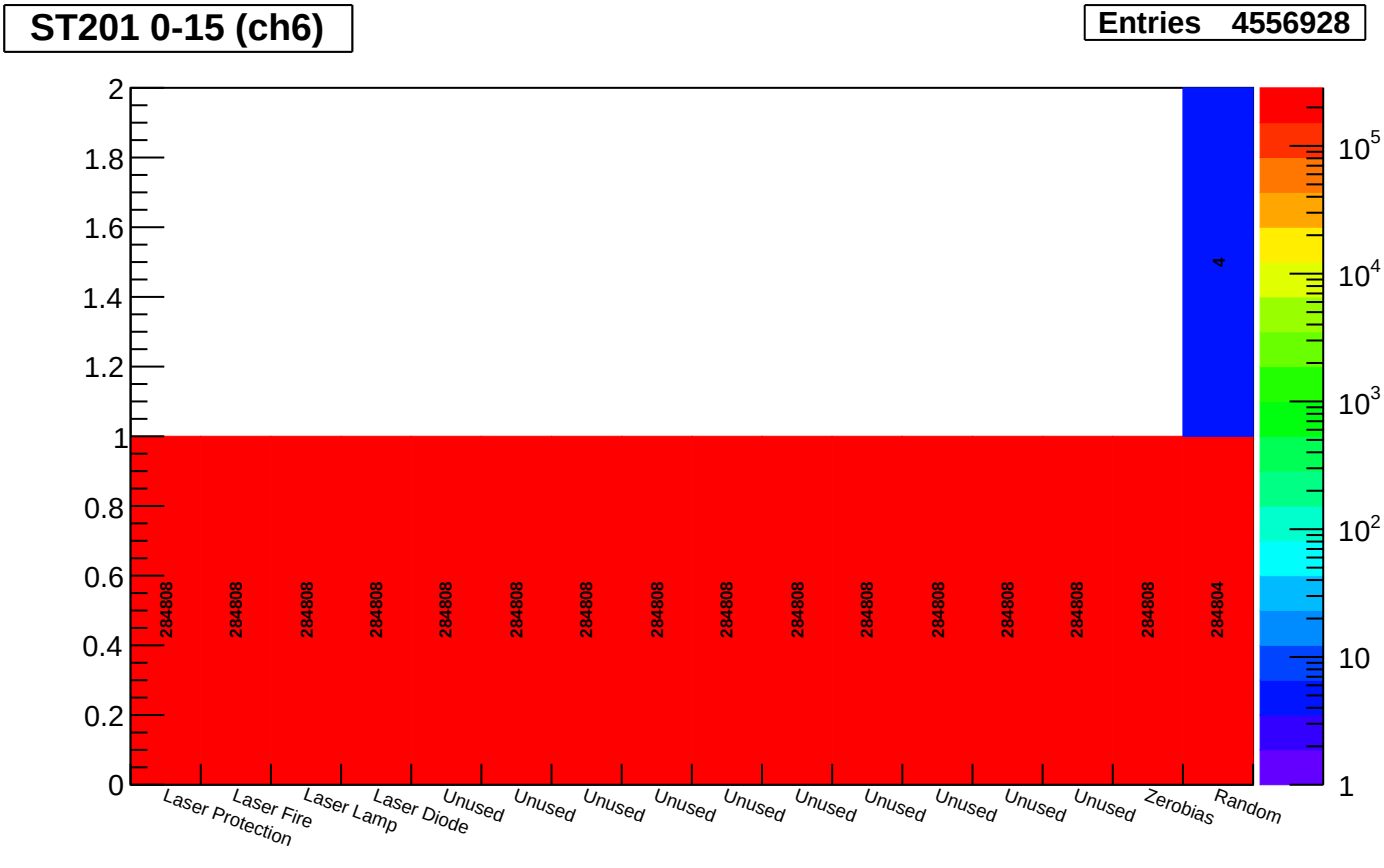

Entries 284808
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

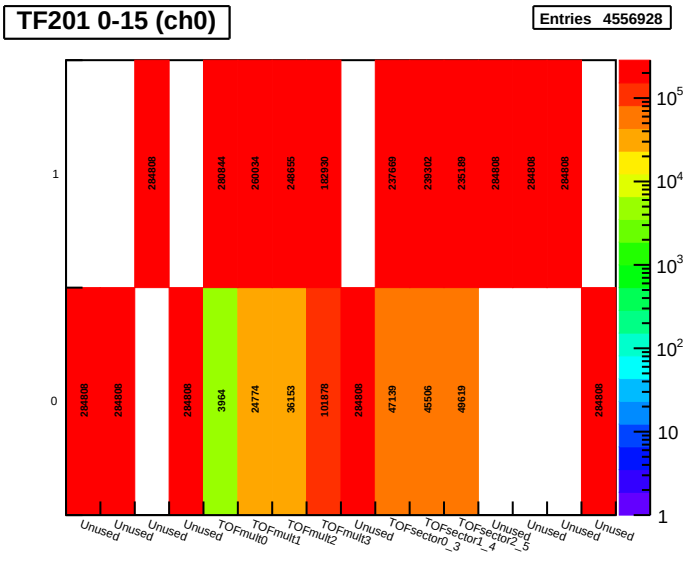

Entries 284808
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

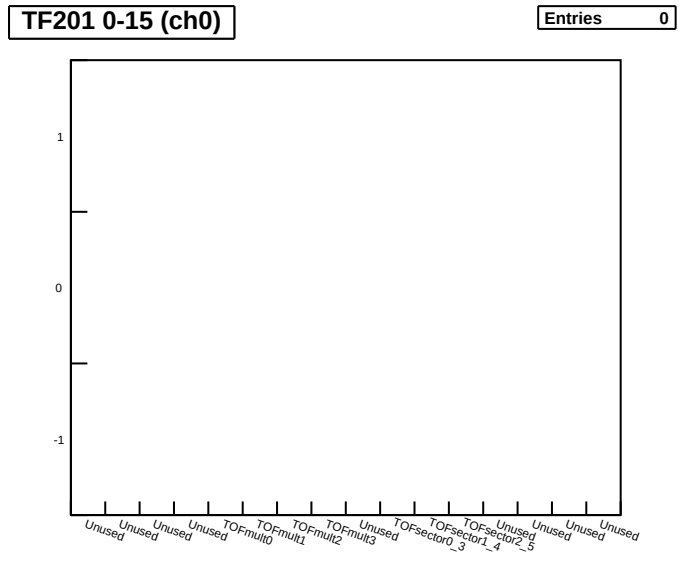

Entries 284808
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

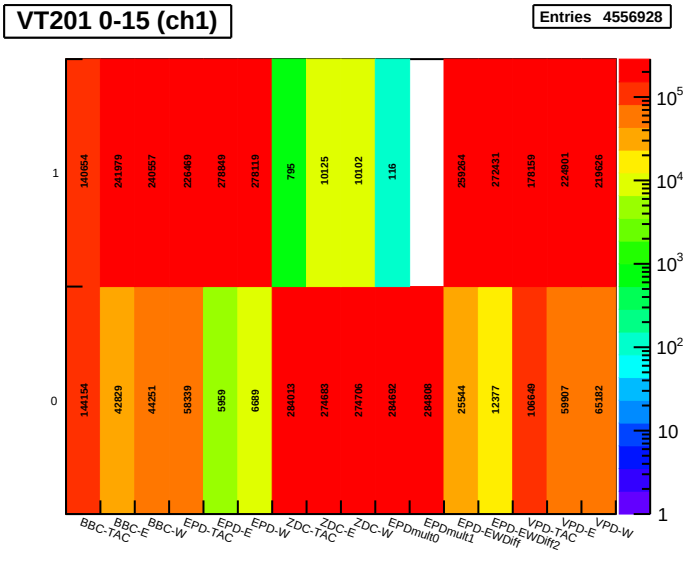

Entries 284808
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

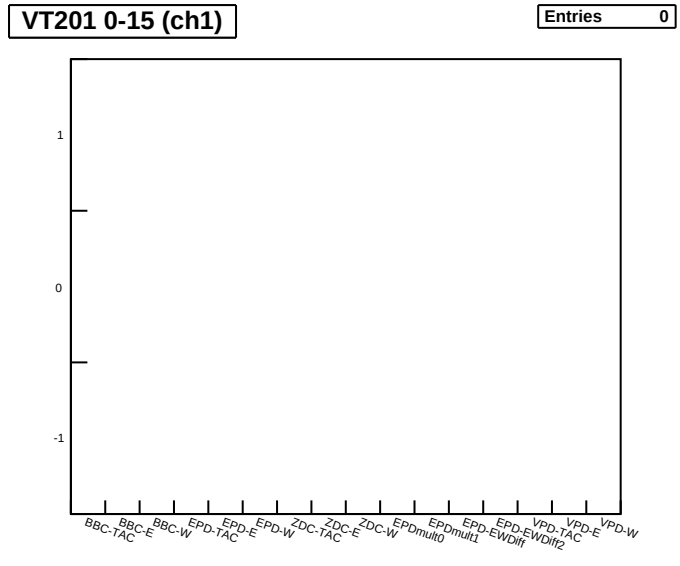

Laser Input Bits
Entries 284808
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

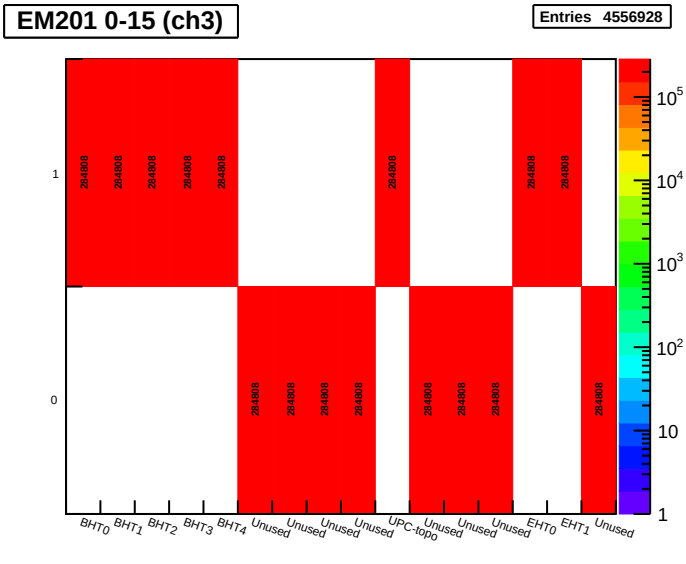

ST201 0-15 (ch6)
Entries 4556928
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
284808
284804
4
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

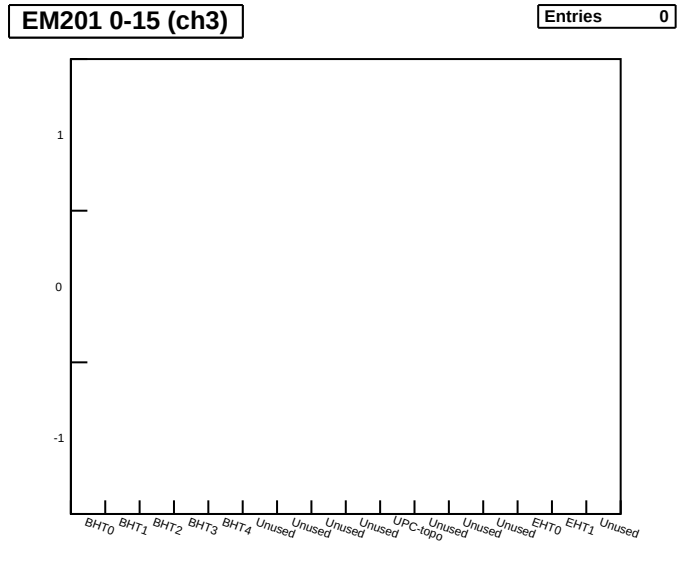

TF201 0-15 (ch0)
Entries 4556928
1
0
284808
280844
260034
248655
182930
237669
239302
235189
284808
284808
284808
284808
284808
3964
24774
36153
101878
47139
45506
49619
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4556928
1
0
140654
241979
240557
226469
278849
278119
795
10125
10102
116
259254
272431
178159
224901
219626
144154
42829
44251
58339
5959
6689
284013
274683
274706
284692
284808
25544
12377
106649
59907
65182
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 4556928
1
0
284808
284808
284808
284808
284808
284808
284808
284808
284808
284808
284808
284808
284808
284808
284808
284808
284808
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