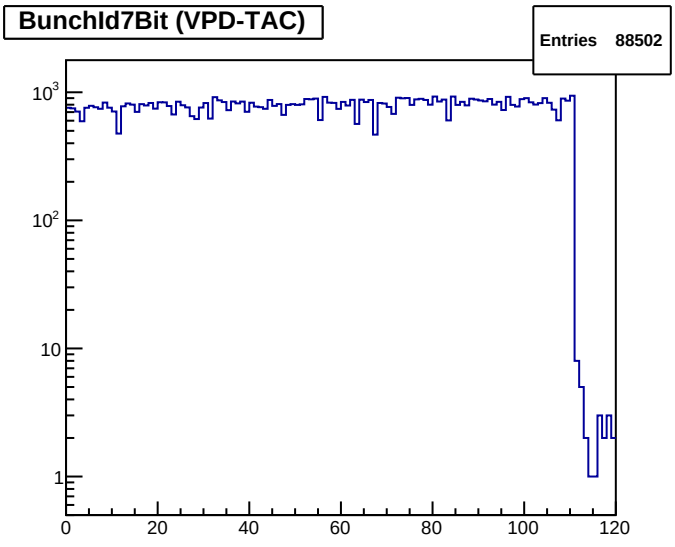
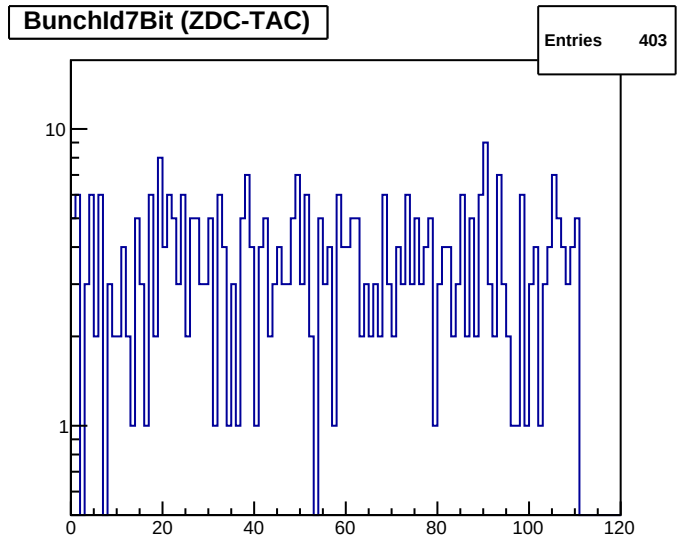
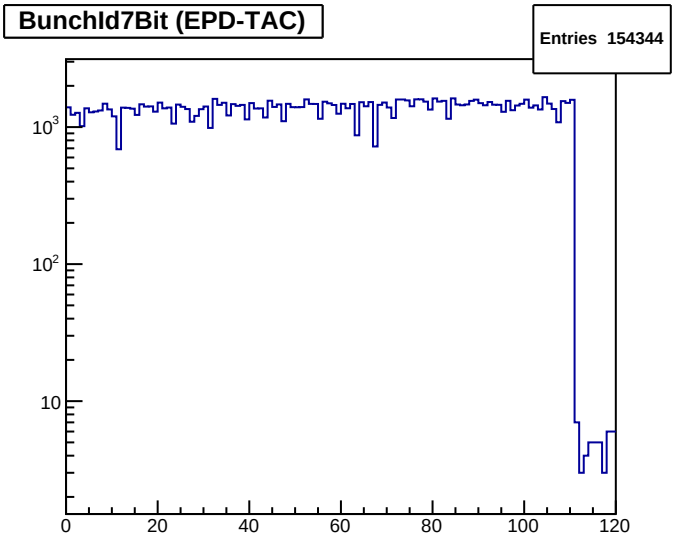
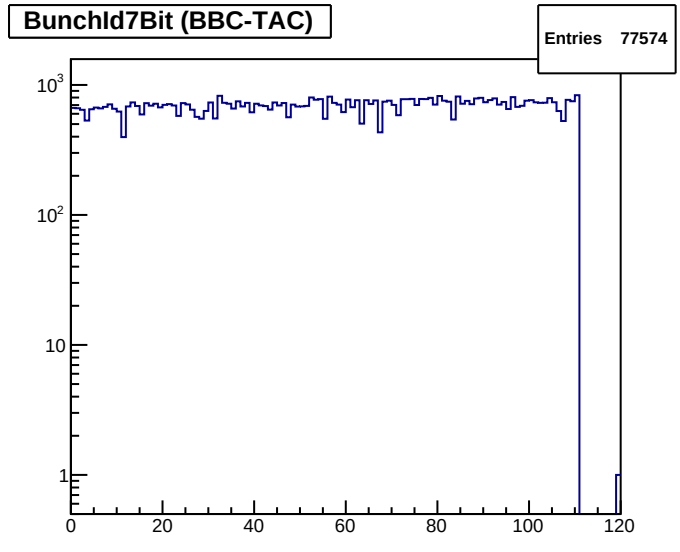
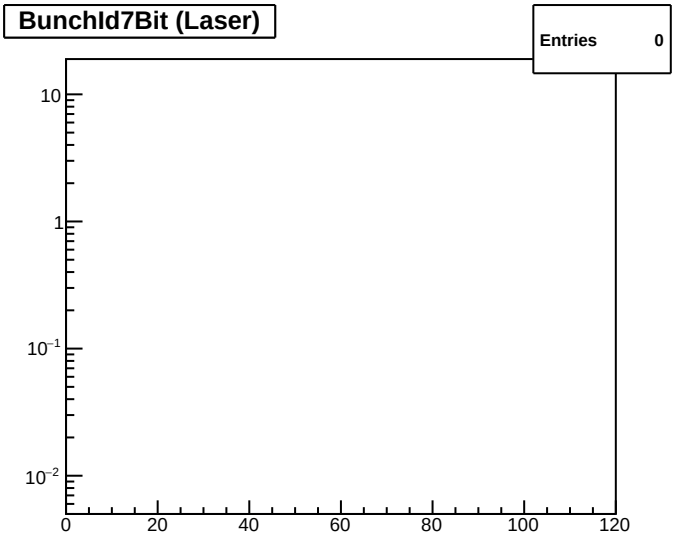
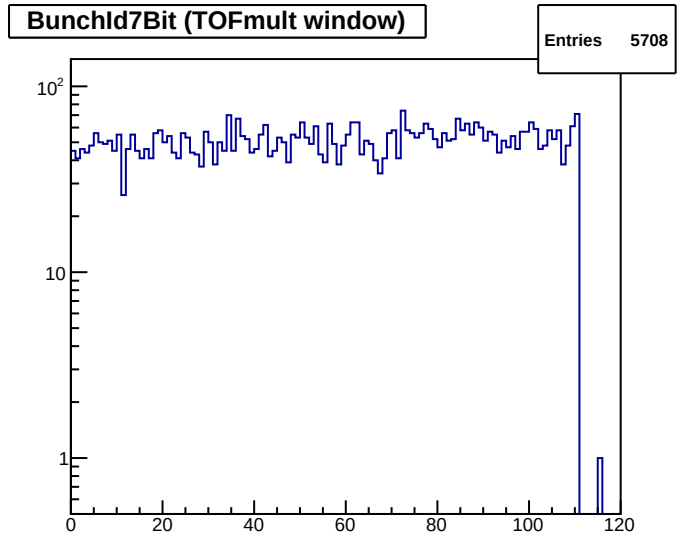

BunchId7Bit (VPD-TAC)
Entries 88502

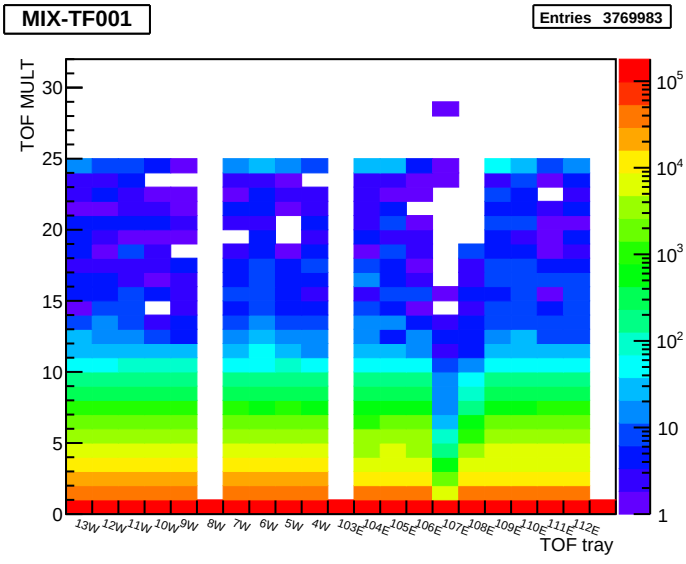

BunchId7Bit (ZDC-TAC)
Entries 403

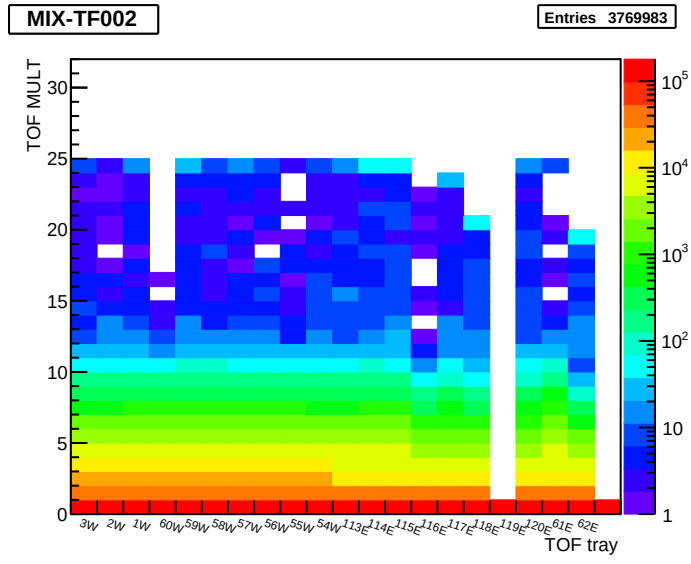

BunchId7Bit (EPD-TAC)
Entries 154344

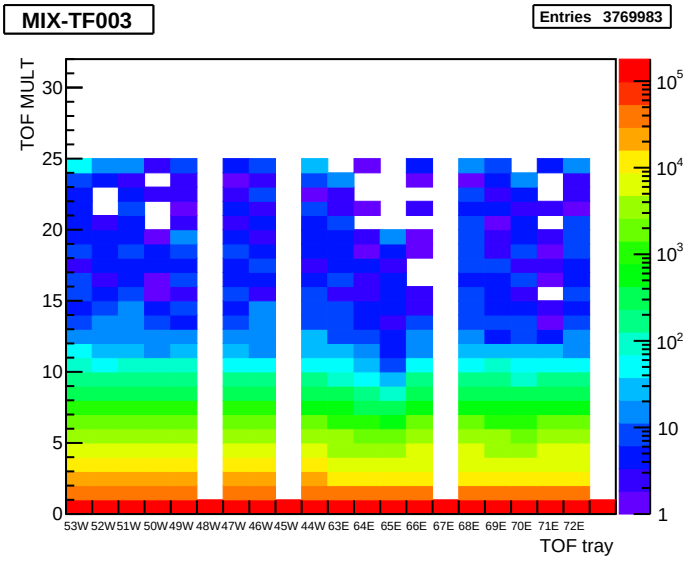

BunchId7Bit (BBC-TAC)
Entries 77574

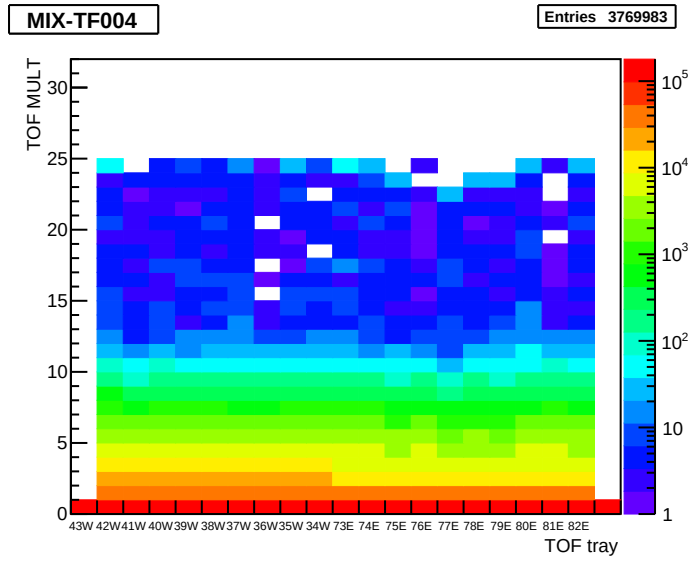

BunchId7Bit (Laser)
Entries 0

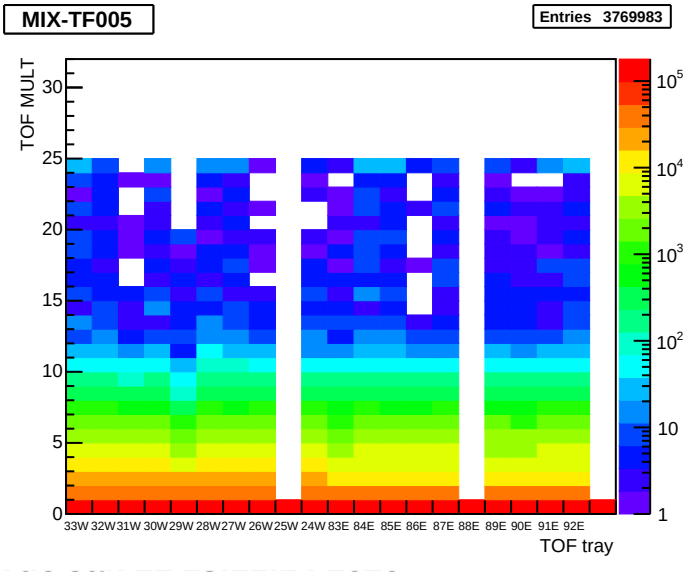

BunchId7Bit (TOFmult window)
Entries 5708

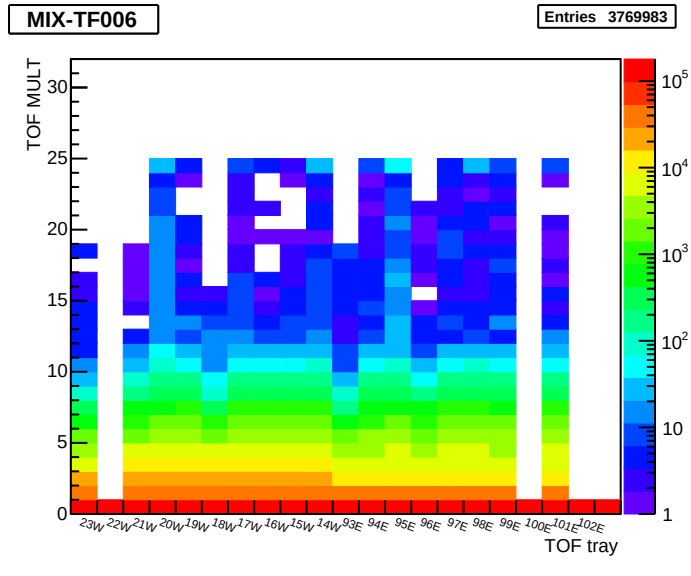

MIX-TF001
Entries 3769983
TOF MULT
TOF tray

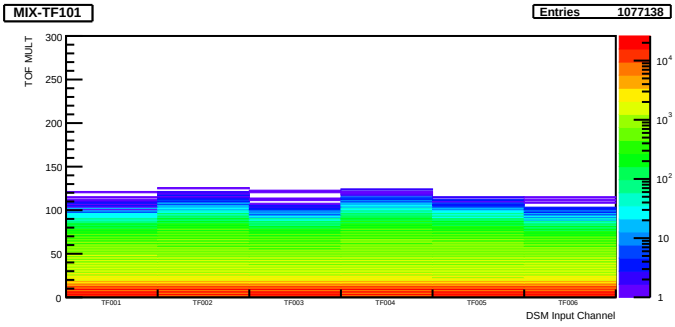

MIX-TF002
Entries 3769983
TOF MULT
TOF tray

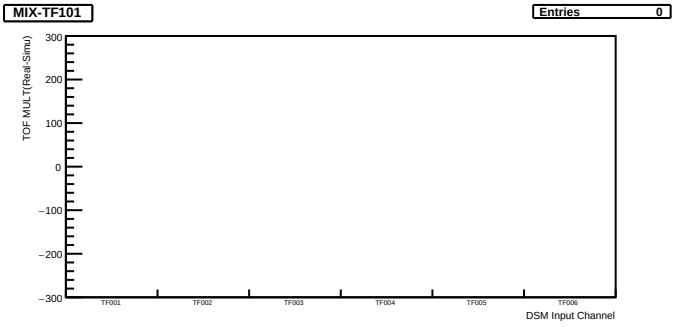

MIX-TF003
Entries 3769983
TOF MULT
TOF tray

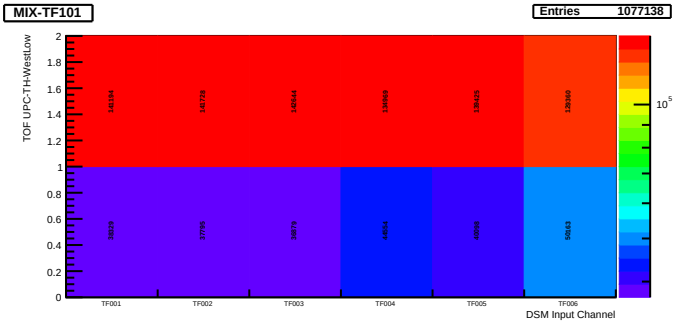

MIX-TF004
Entries 3769983
TOF MULT
TOF tray

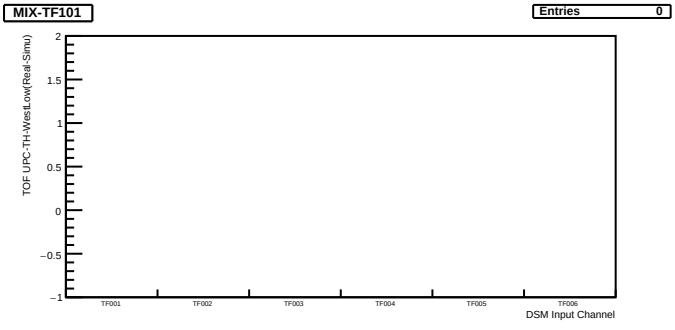

MIX-TF005
Entries 3769983
TOF MULT
TOF tray

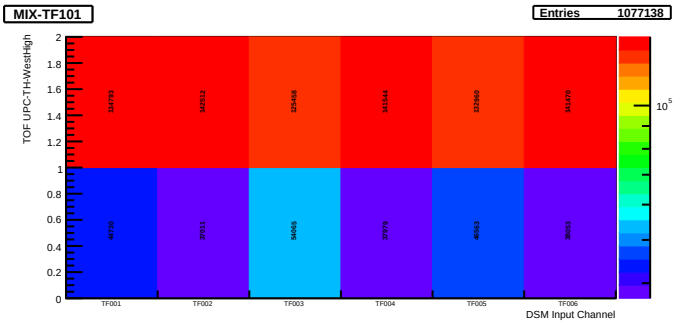

MIX-TF006
Entries 3769983
TOF MULT
TOF tray

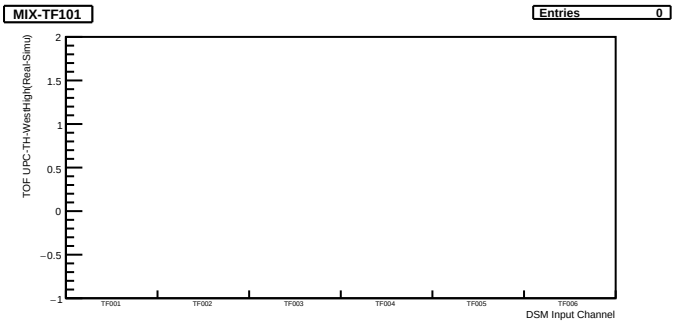

MIX-TF101
Entries 1077138
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

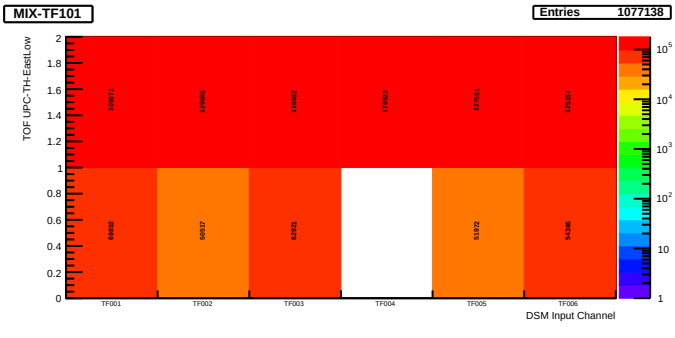

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

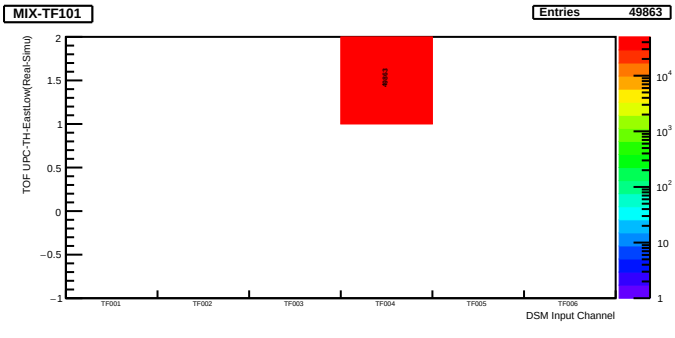

MIX-TF101
Entries 1077138
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

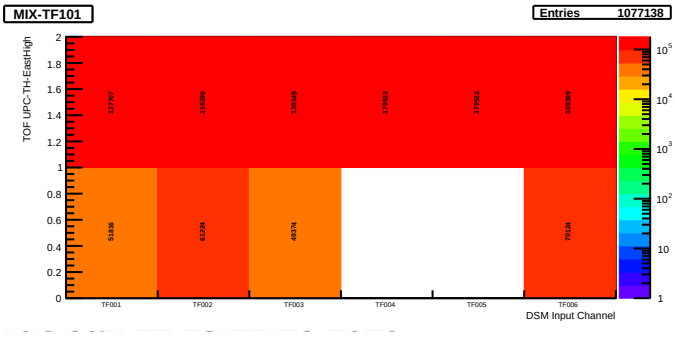

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

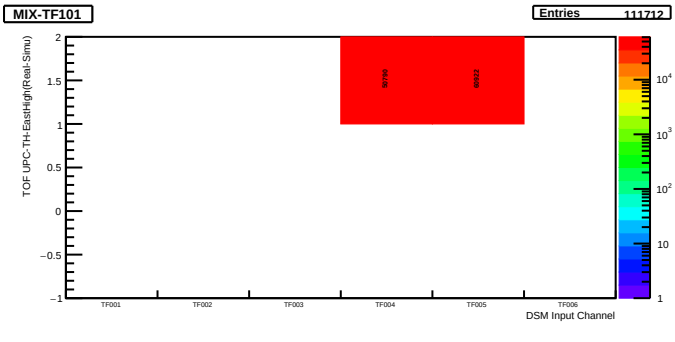

MIX-TF101
Entries 1077138
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

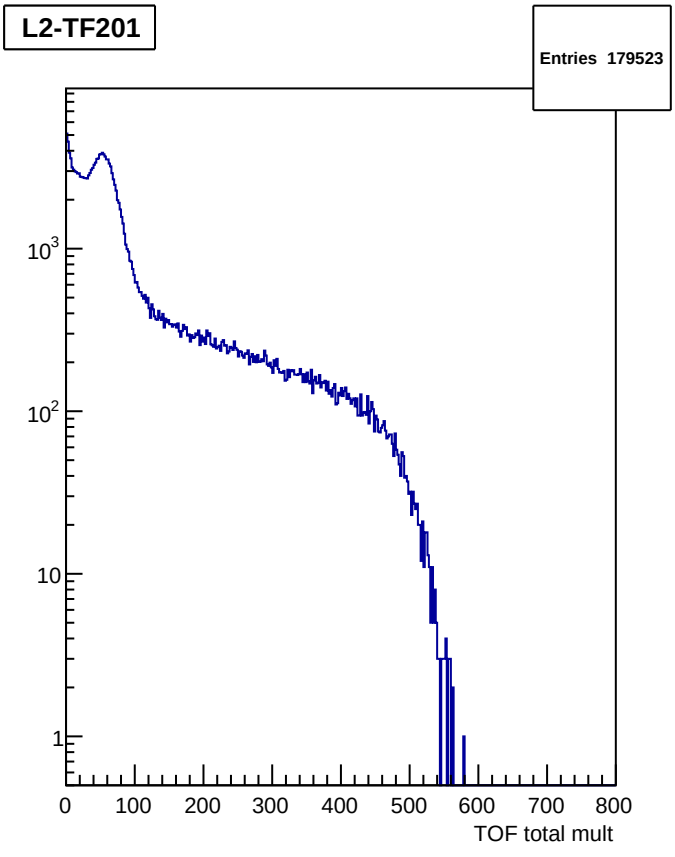

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

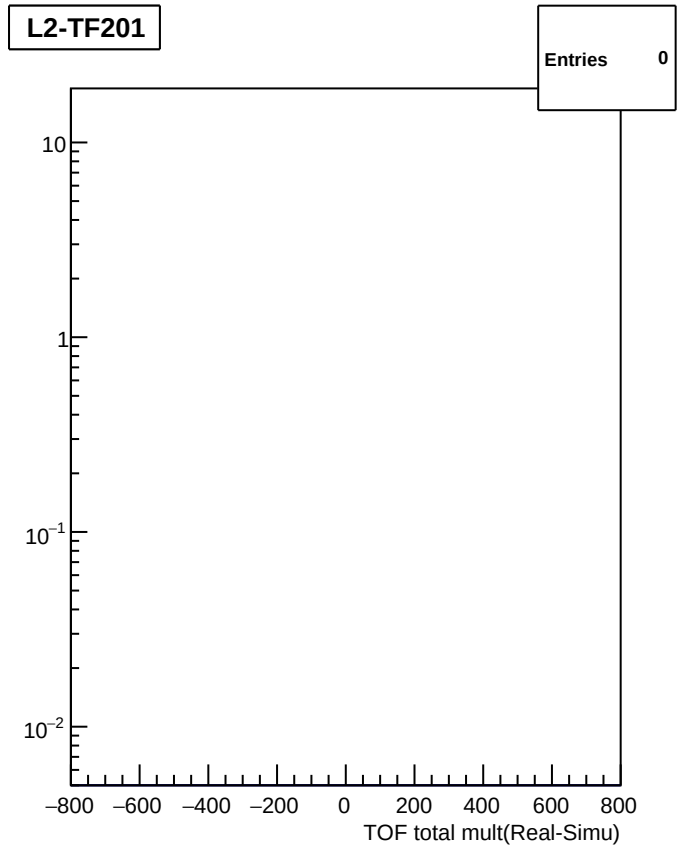

MIX-TF101
Entries 1077138
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

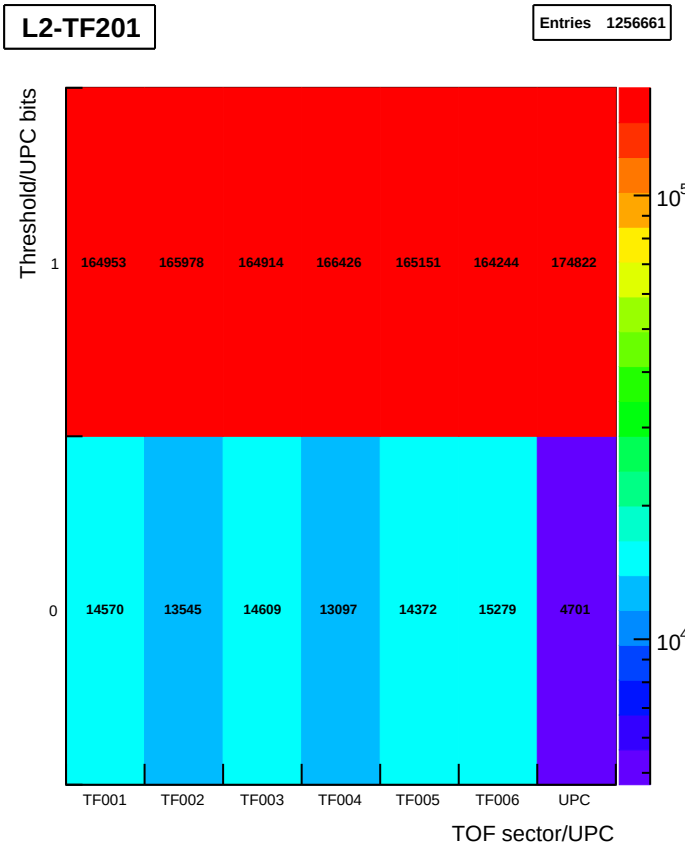

MIX-TF101
Entries 49863
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

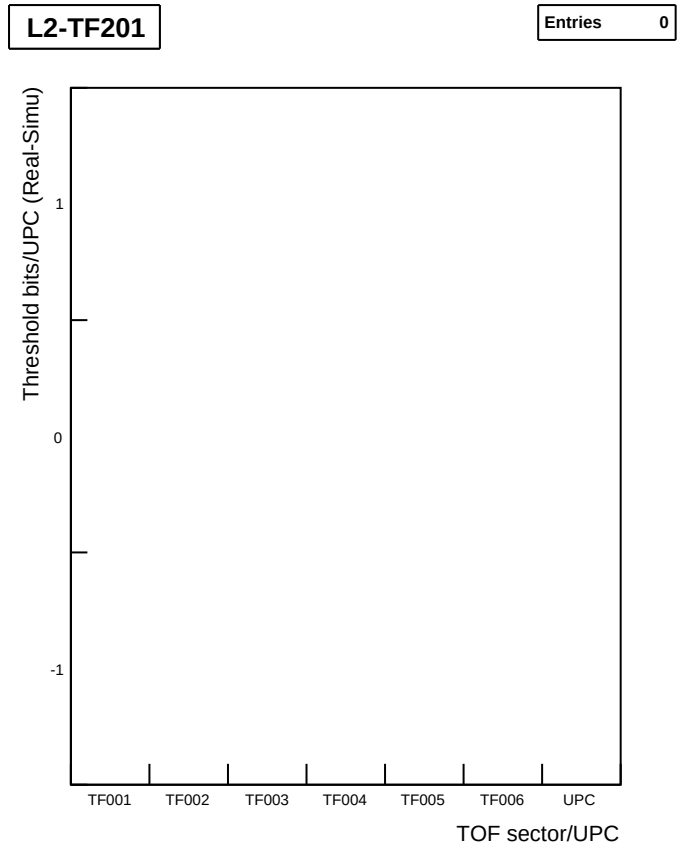

MIX-TF101
Entries 1077138
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

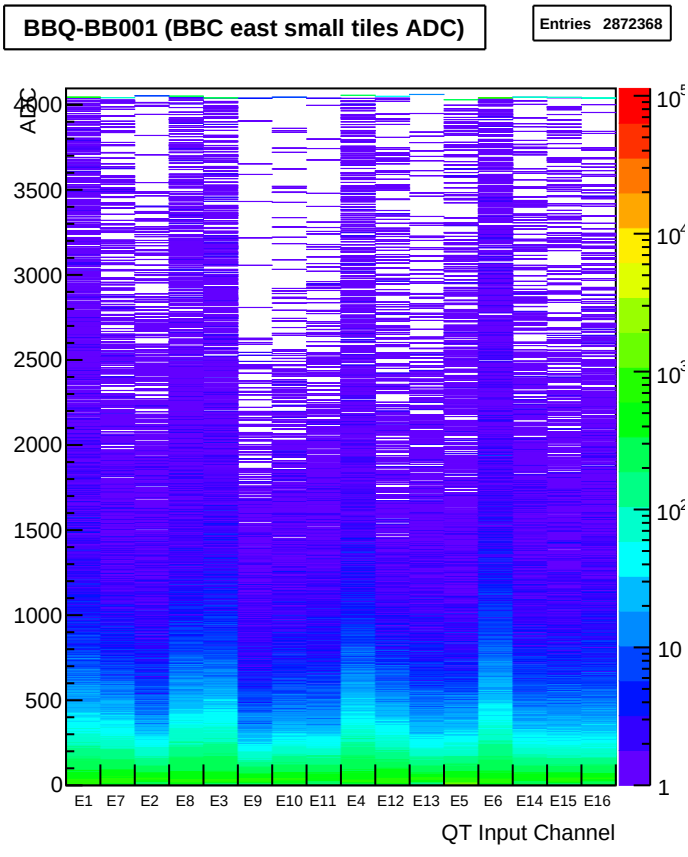

MIX-TF101
Entries 111712
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

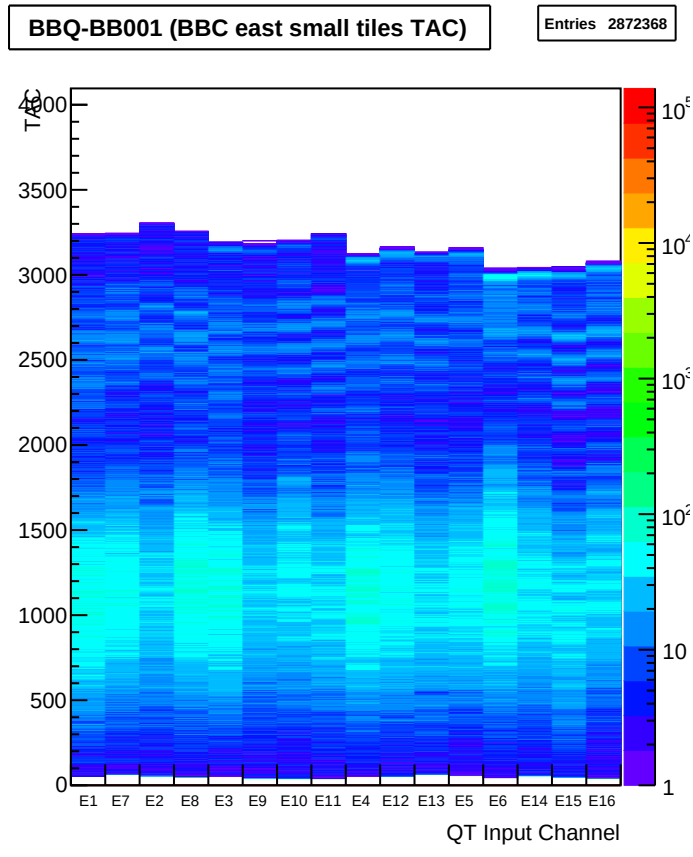

L2-TF201
Entries 179523
TOF total mult

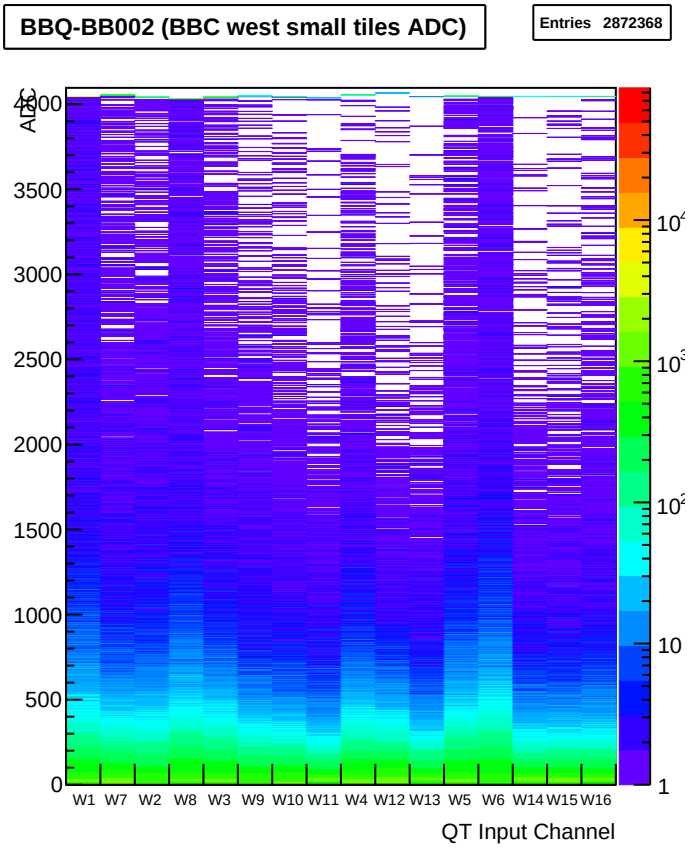

L2-TF201
Entries 0
TOF total mult(Real-Simu)

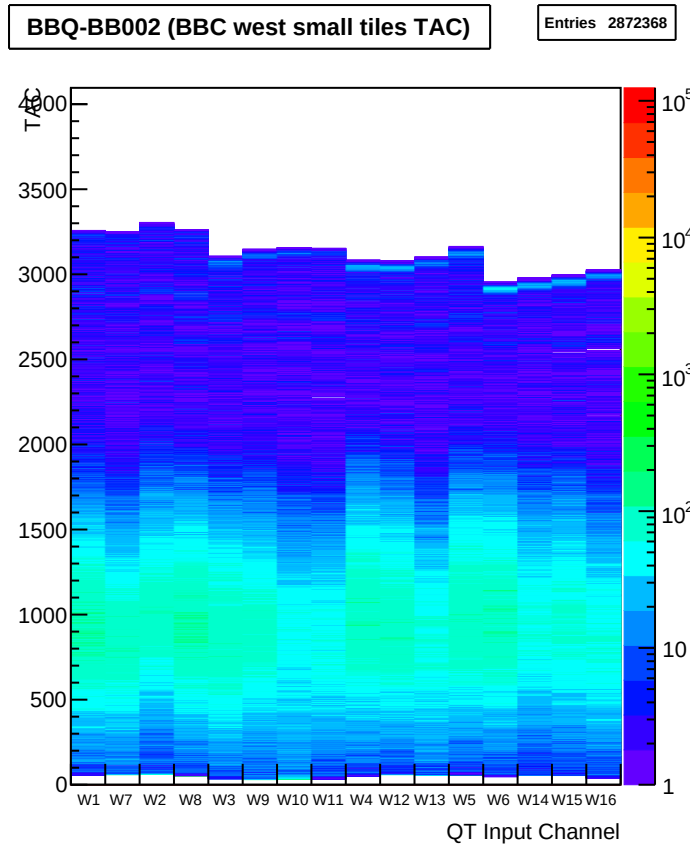

L2-TF201
Entries 1256661
Threshold/UPC bits
164953
165978
164914
166426
165151
164244
174822
14570
13545
14609
13097
14372
15279
4701
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

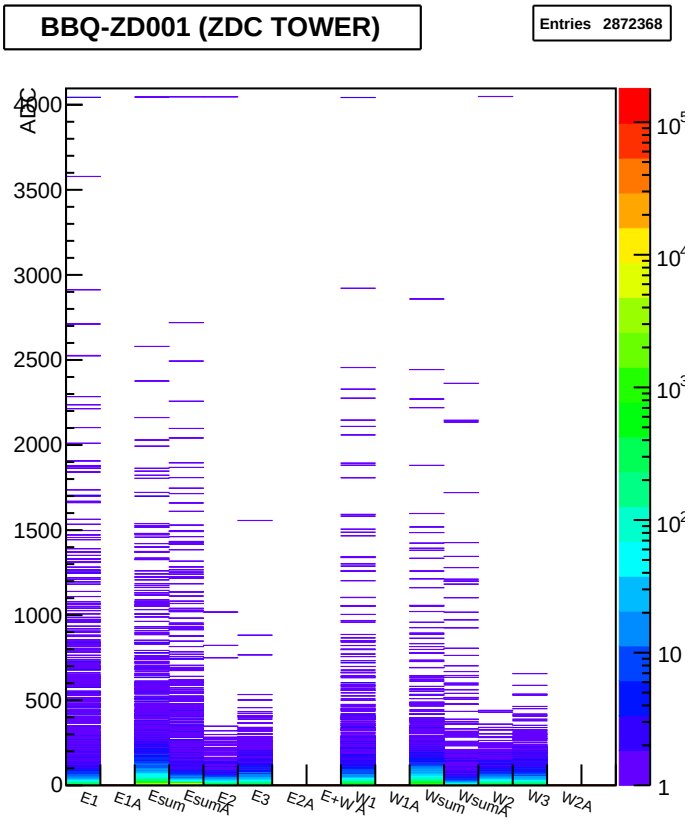

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

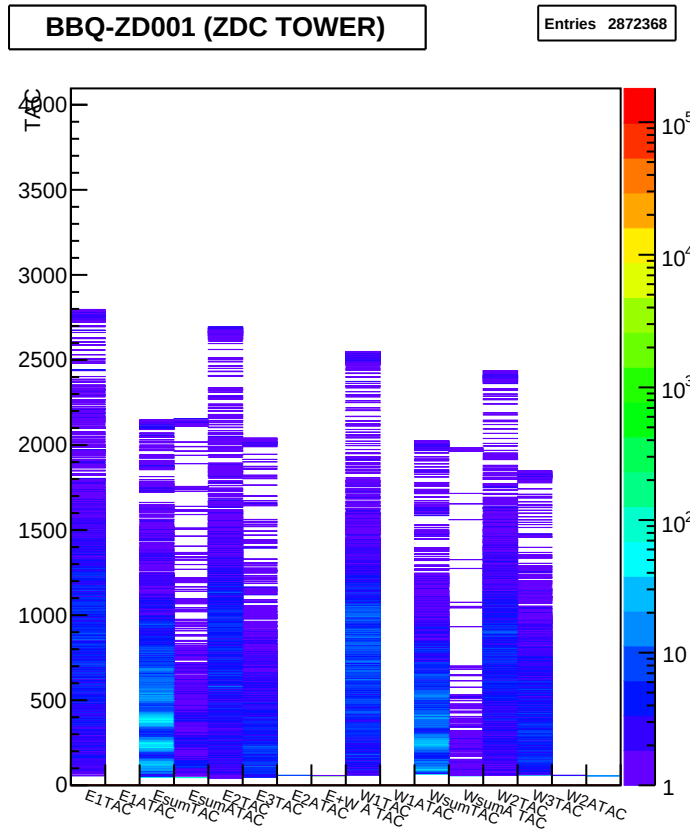

BBQ-BB001 (BBC east small tiles ADC)
Entries 2872368
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

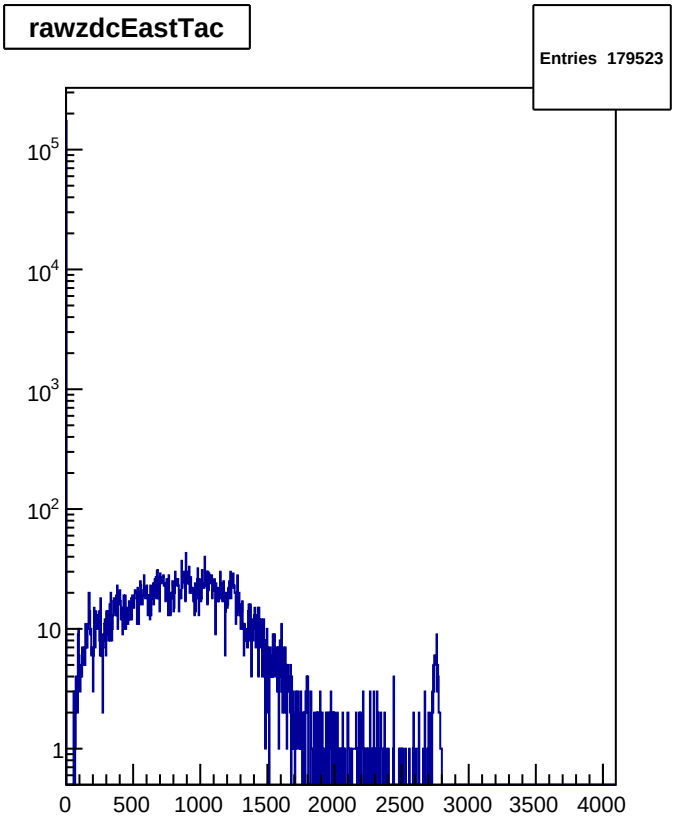

BBQ-BB001 (BBC east small tiles TAC)
Entries 2872368
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

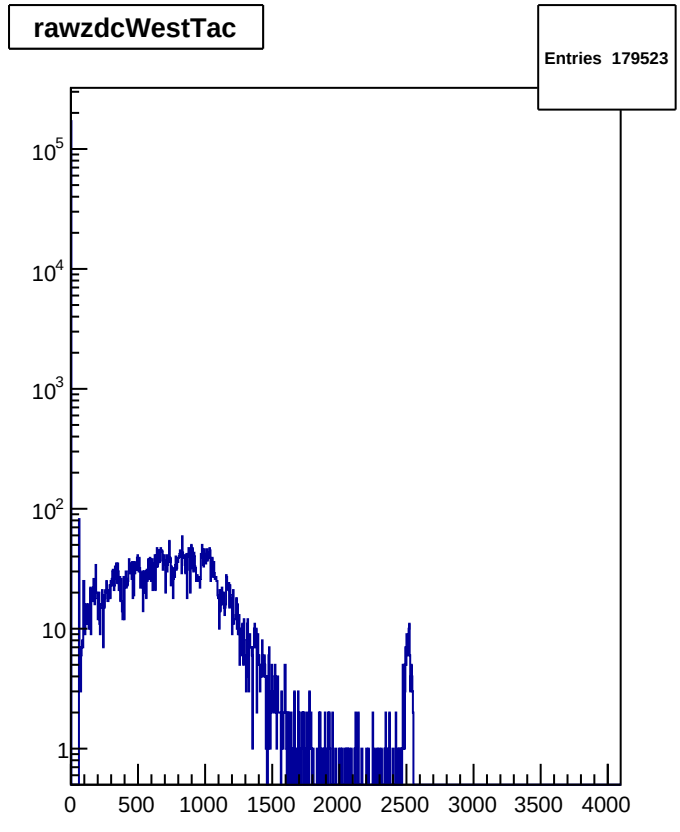

BBQ-BB002 (BBC west small tiles ADC)
Entries 2872368
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

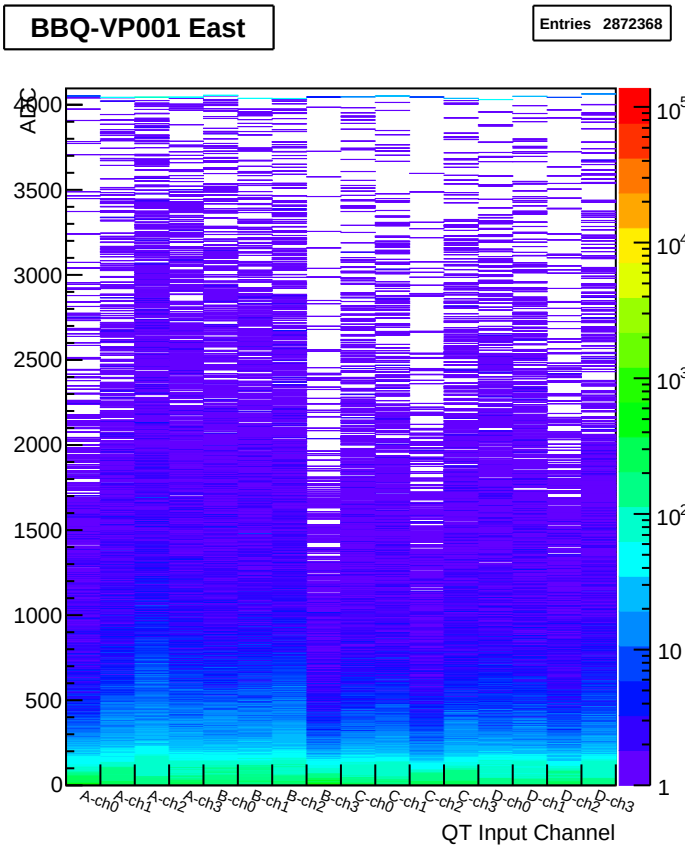

BBQ-BB002 (BBC west small tiles TAC)
Entries 2872368
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

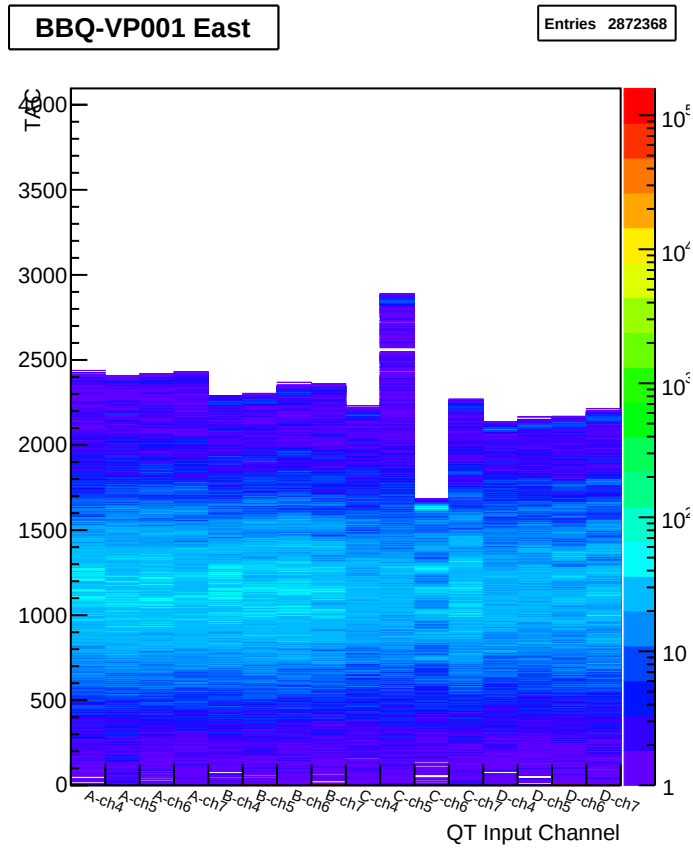

BBQ-ZD001 (ZDC TOWER)
Entries 2872368
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

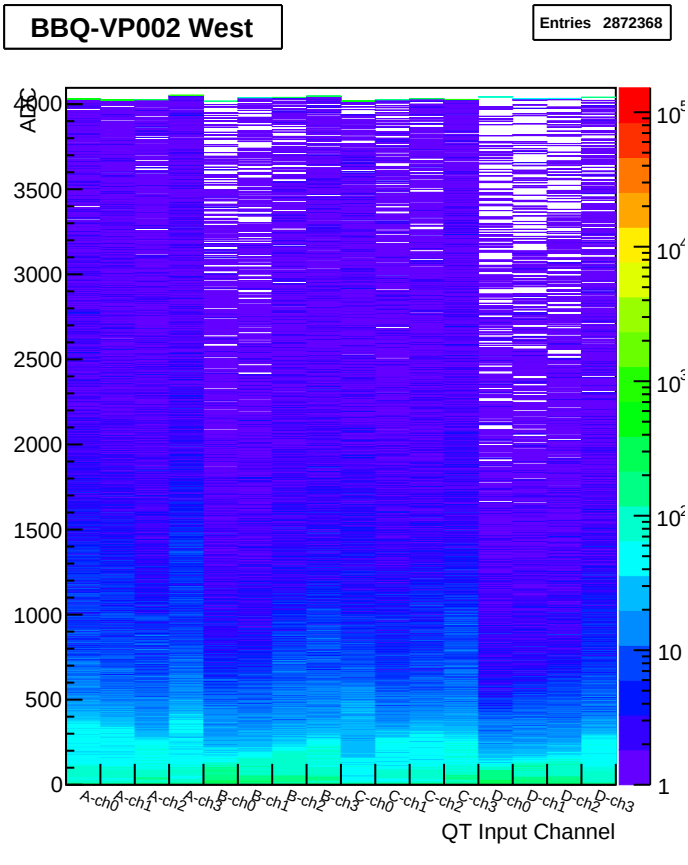

BBQ-ZD001 (ZDC TOWER)
Entries 2872368
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

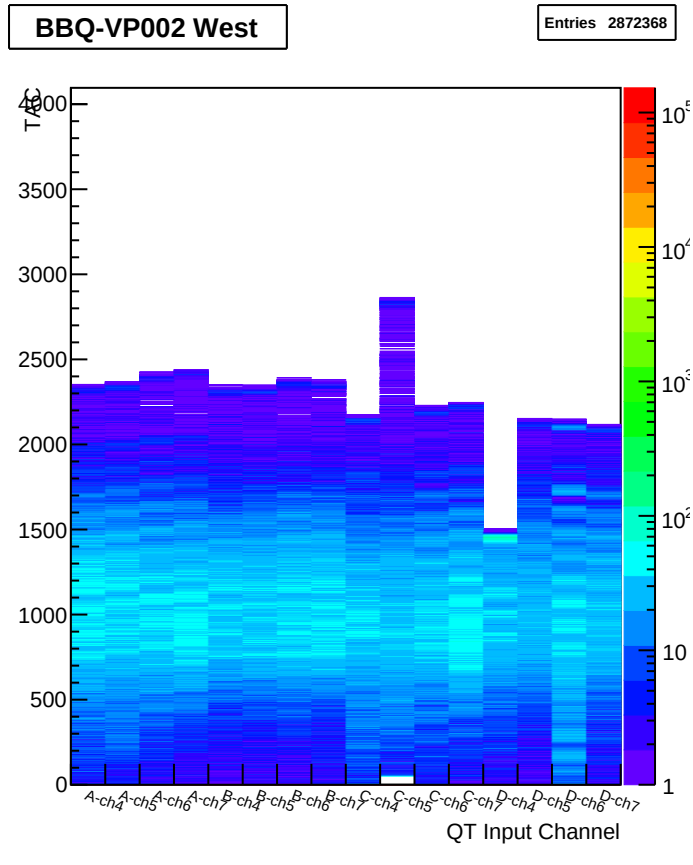

rawzdcEastTac
Entries 179523

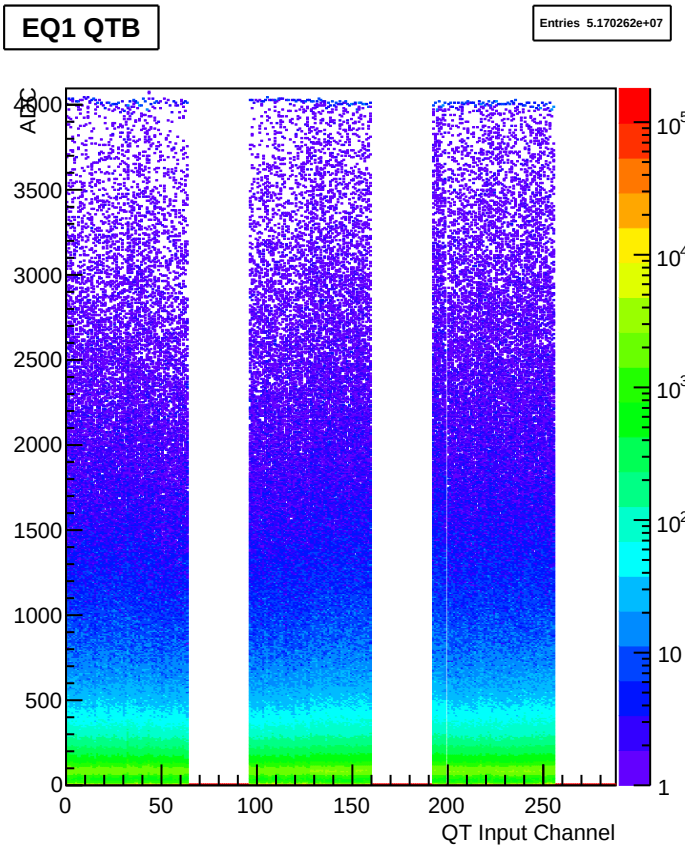

rawzdcWestTac
Entries 179523

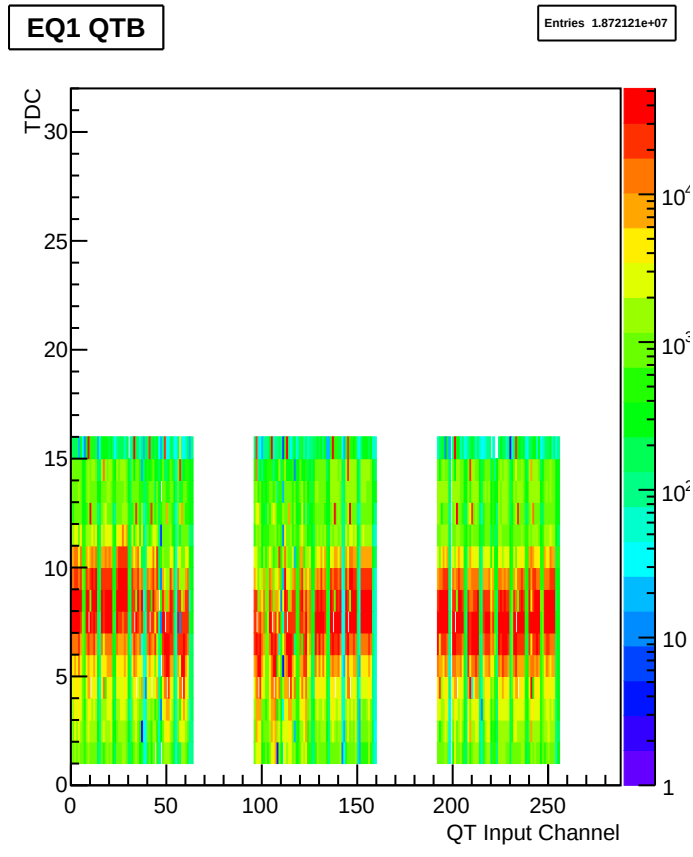

BBQ-VP001 East
Entries 2872368
ADC
QT Input Channel

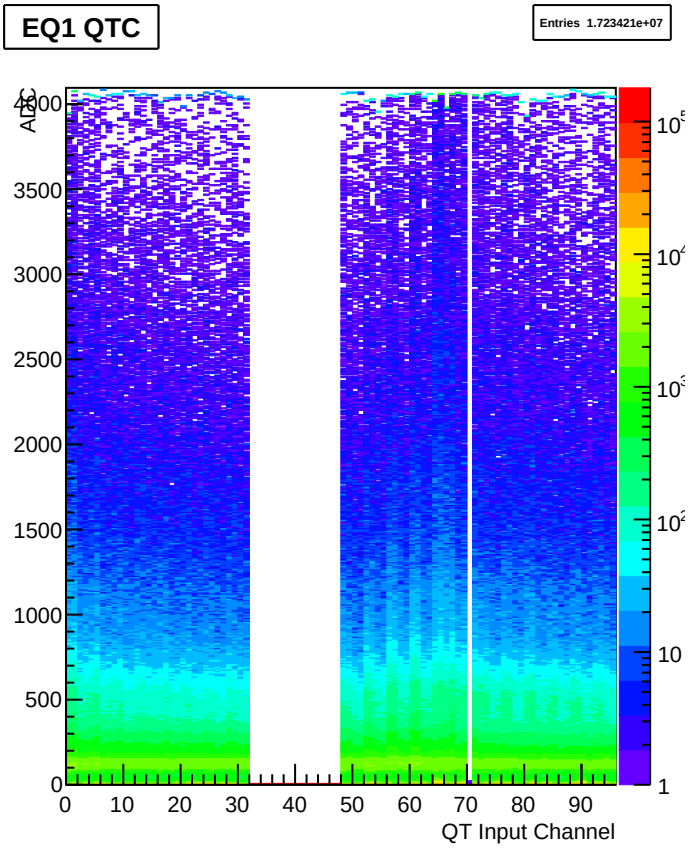

BBQ-VP001 East
Entries 2872368
ADC
QT Input Channel

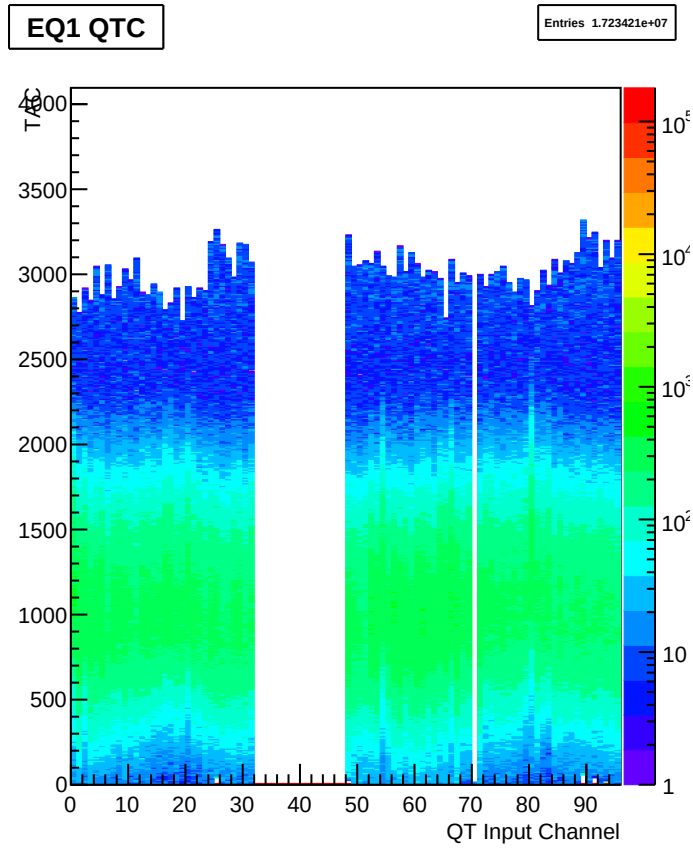

BBQ-VP002 West
Entries 2872368
ADC
QT Input Channel

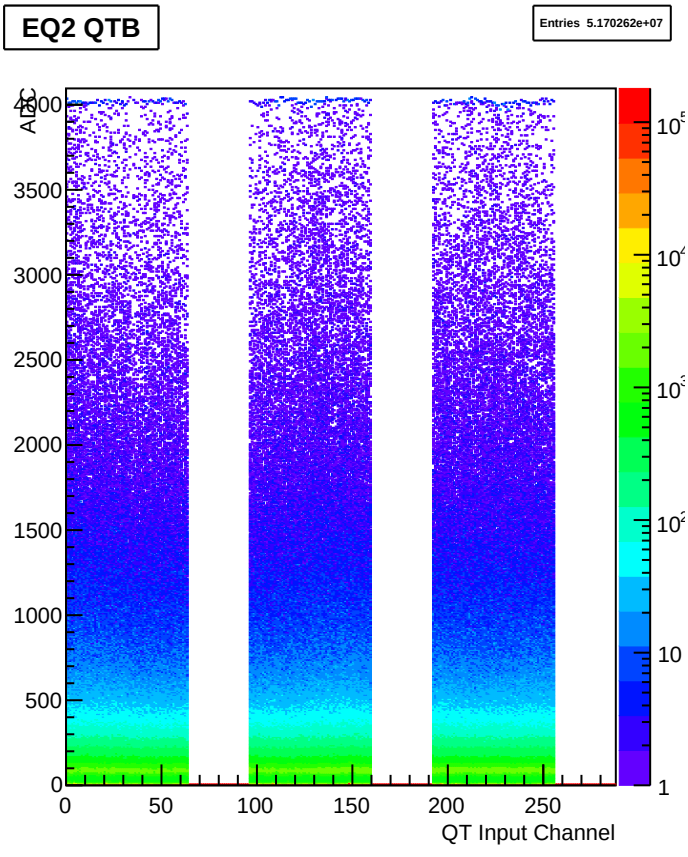

BBQ-VP002 West
Entries 2872368
ADC
QT Input Channel

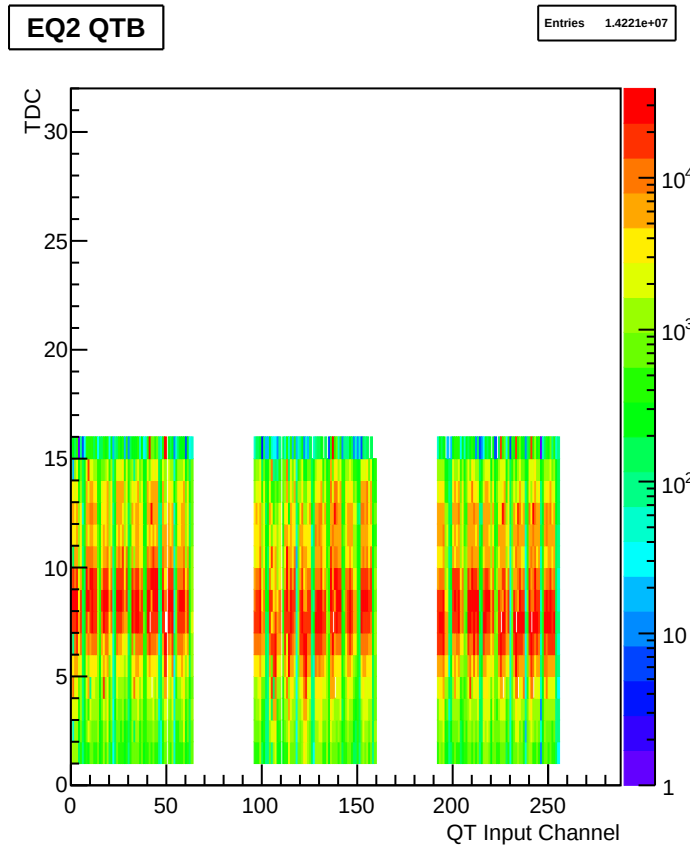

EQ1 QTB
Entries 5.170262e+07
ADC
QT Input Channel

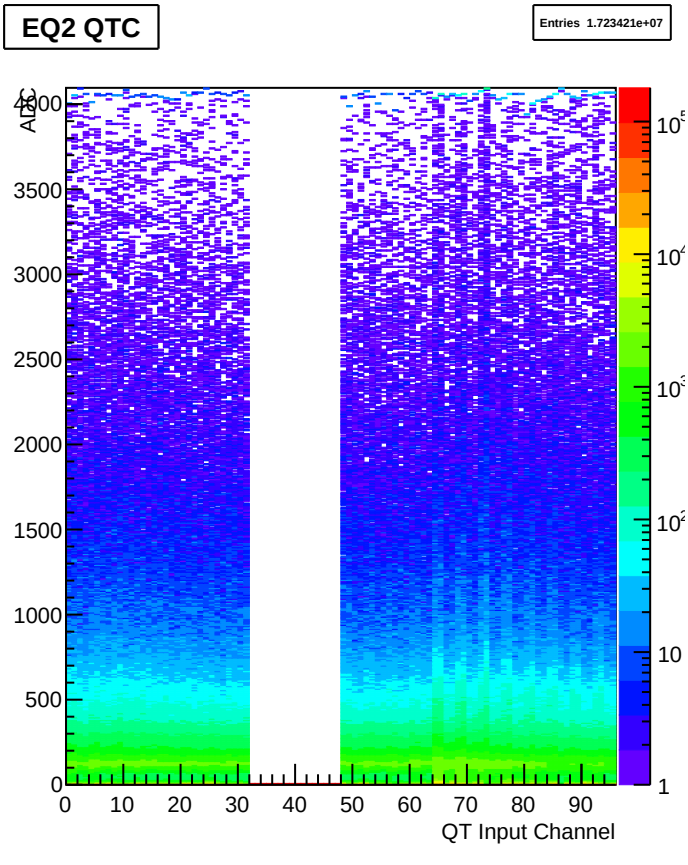

EQ1 QTB
Entries 1.872121e+07
TDC
QT Input Channel

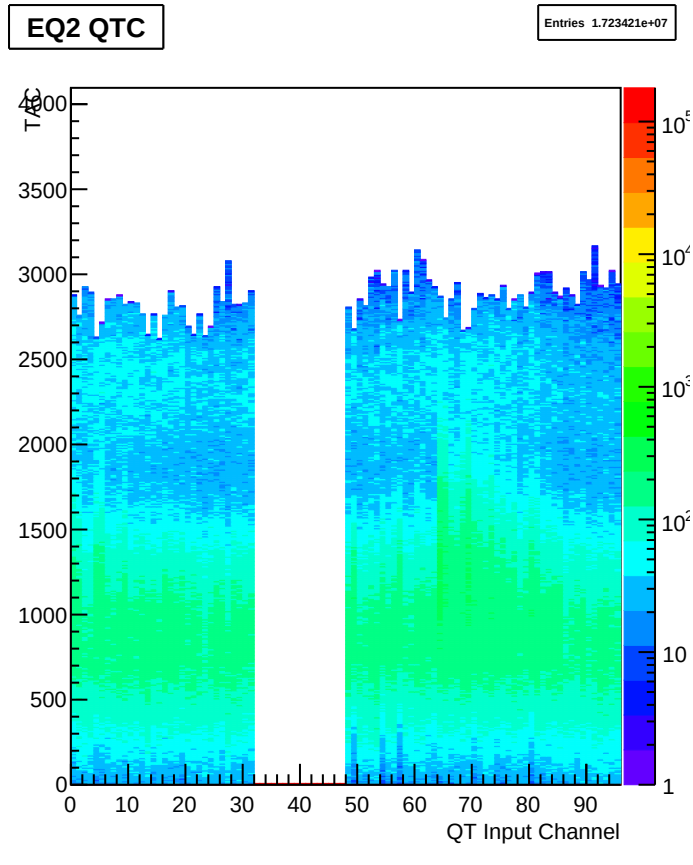

EQ1 QTC
Entries 1.723421e+07
ADC
QT Input Channel

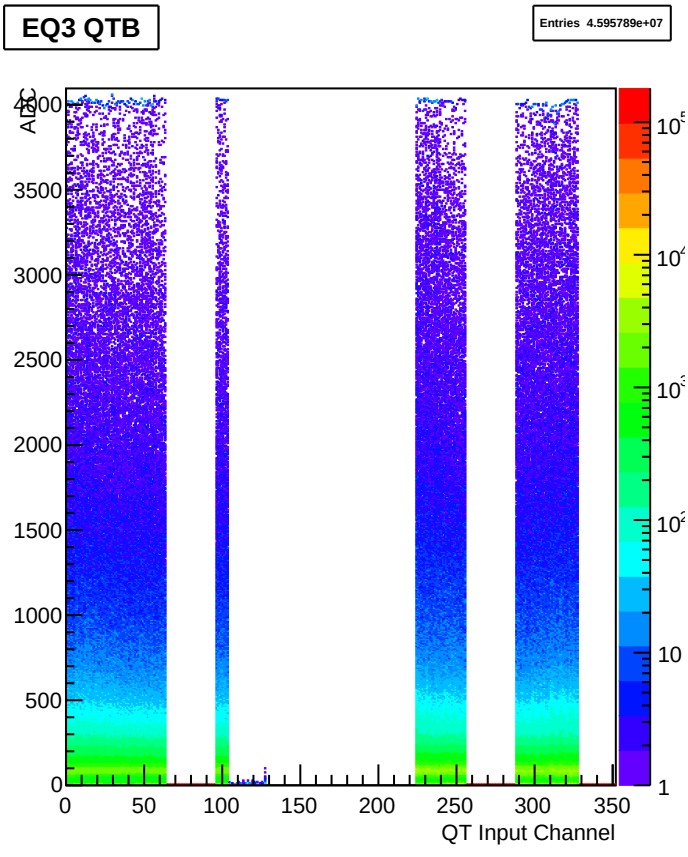

EQ1 QTC
Entries 1.723421e+07
TADC
QT Input Channel

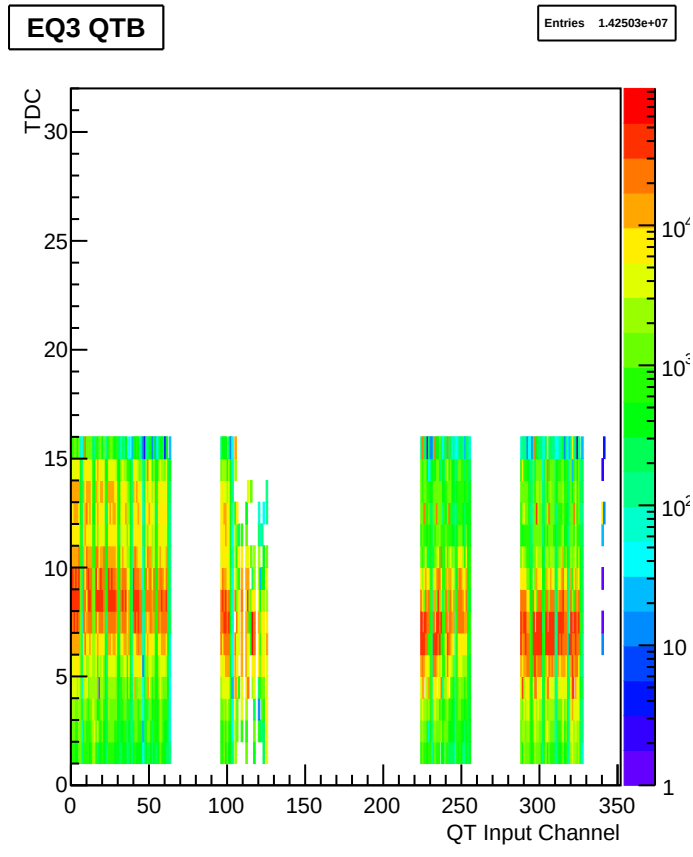

EQ2 QTB
Entries 5.170262e+07
ADC
QT Input Channel

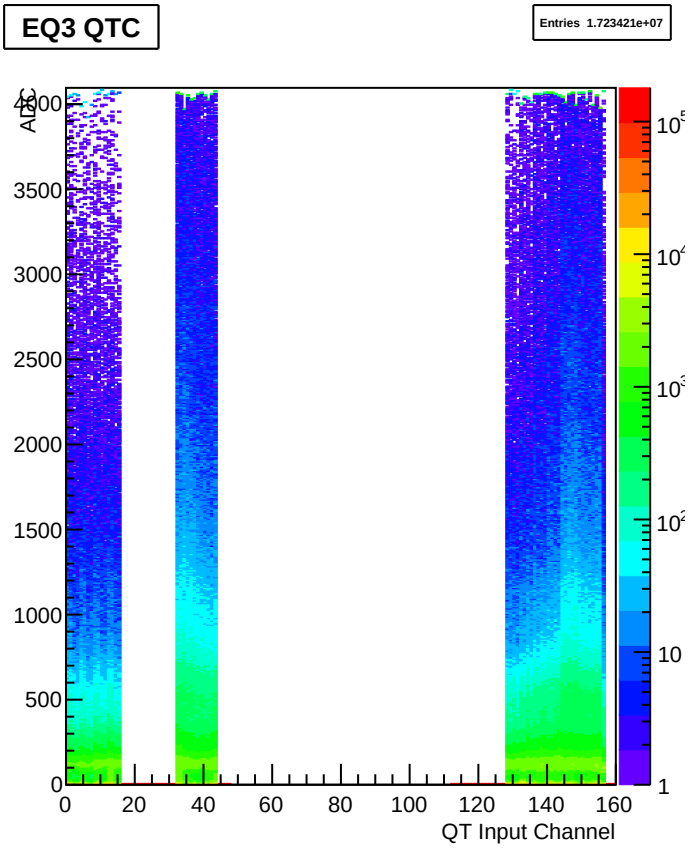

EQ2 QTB
Entries 1.4221e+07
TDC
QT Input Channel

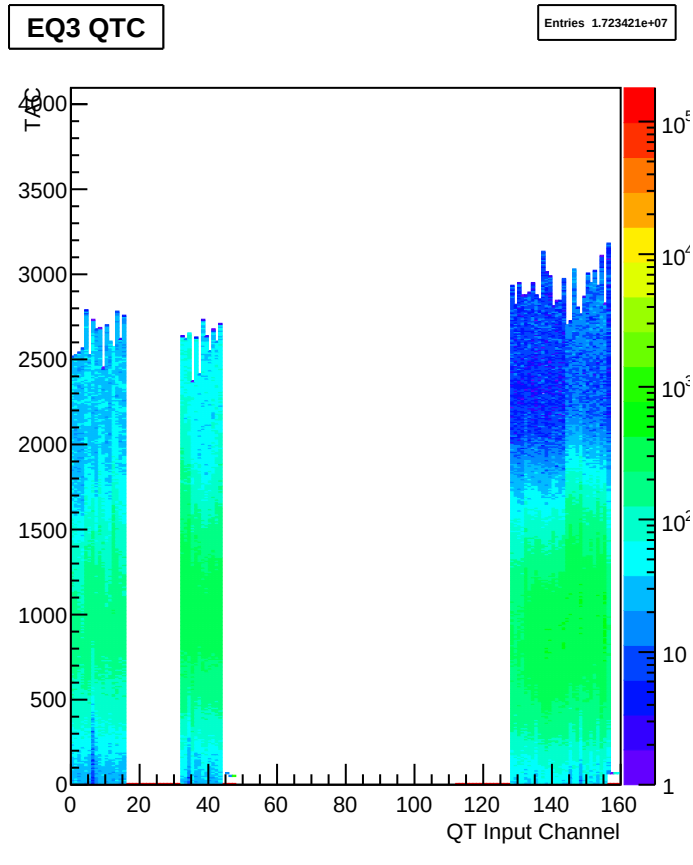

EQ2 QTC
Entries 1.723421e+07
ADC
QT Input Channel

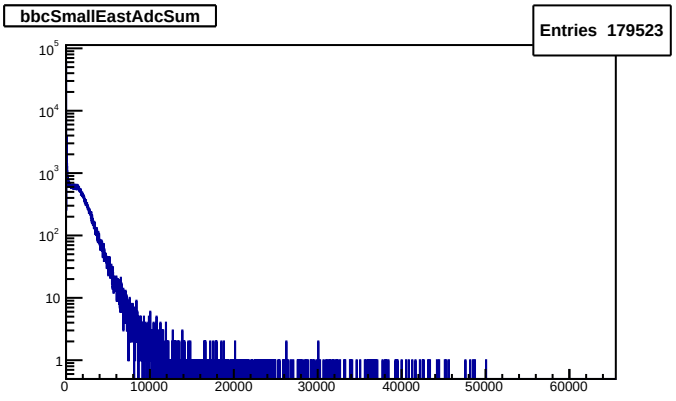

EQ2 QTC
Entries 1.723421e+07
TADC
QT Input Channel

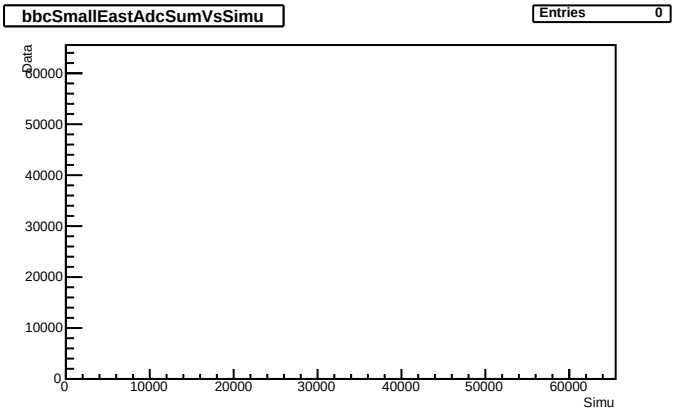

EQ3 QTB
Entries 4.595789e+07
ADC
QT Input Channel

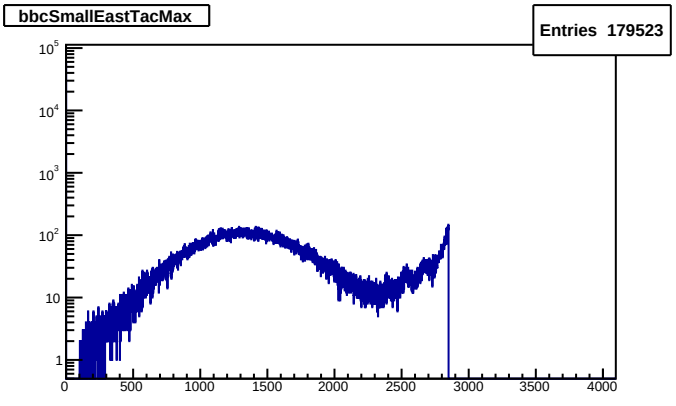

EQ3 QTB
Entries 1.42503e+07
TDC
QT Input Channel

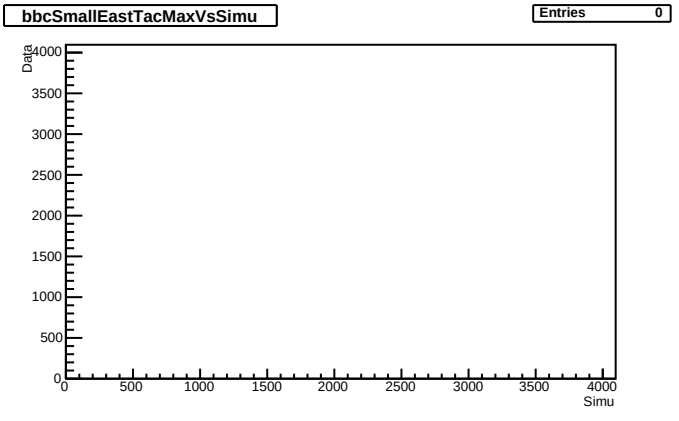

EQ3 QTC
Entries 1.723421e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.723421e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 179523


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 179523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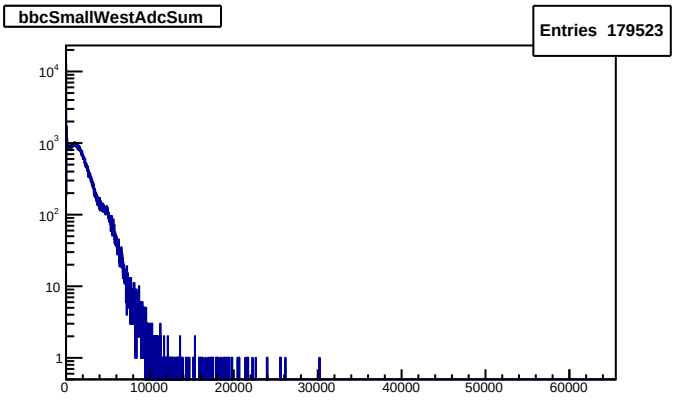
Simu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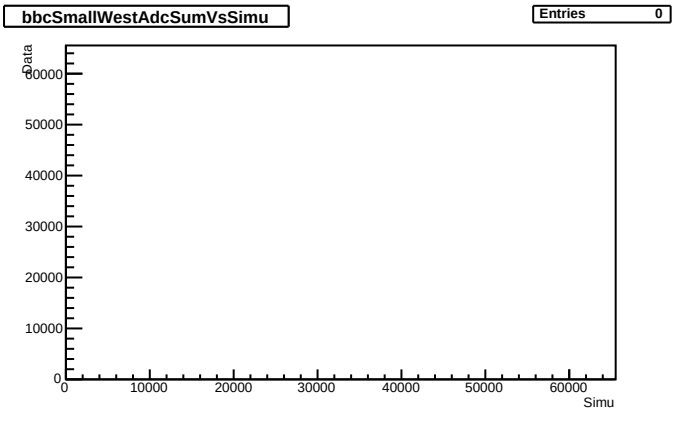
Entries 179523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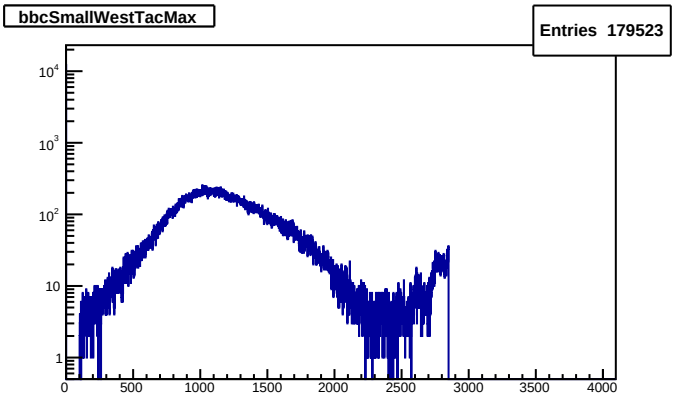
Entries 0
Data
Simu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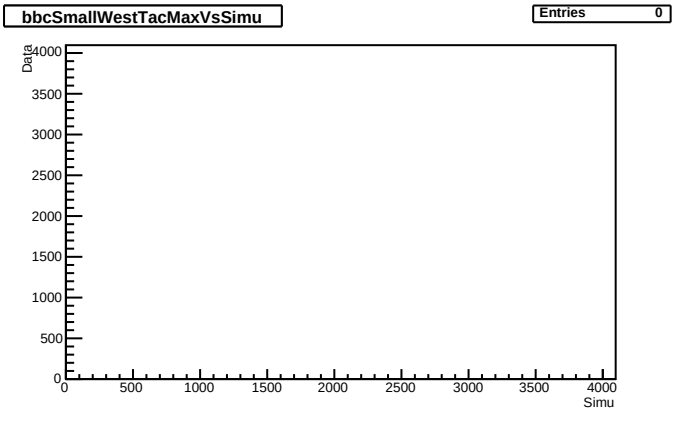
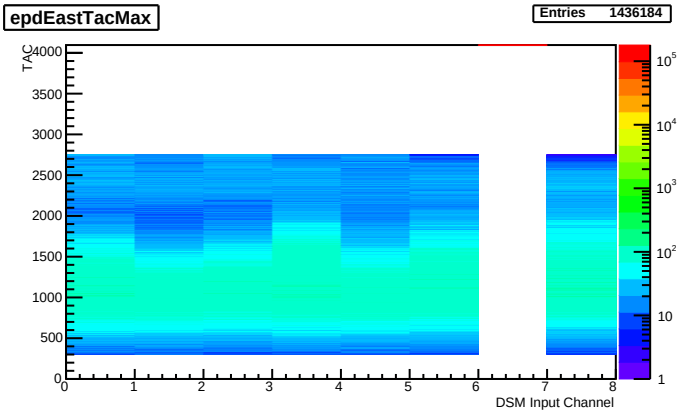
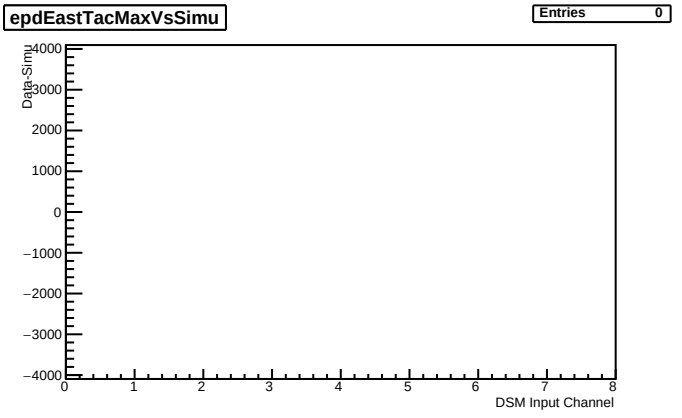
Entries 179523


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 1436184
TAC
DSM Input Channel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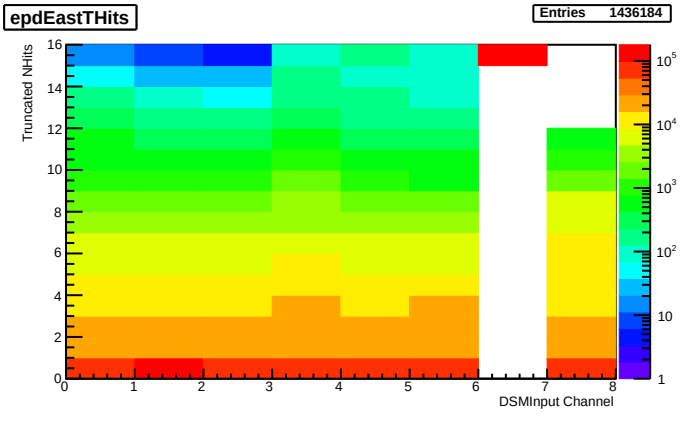
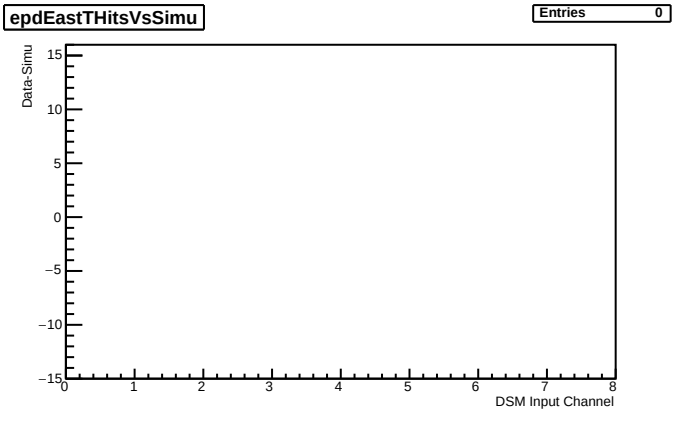
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1436184
Truncated NHits
DSMInput Channel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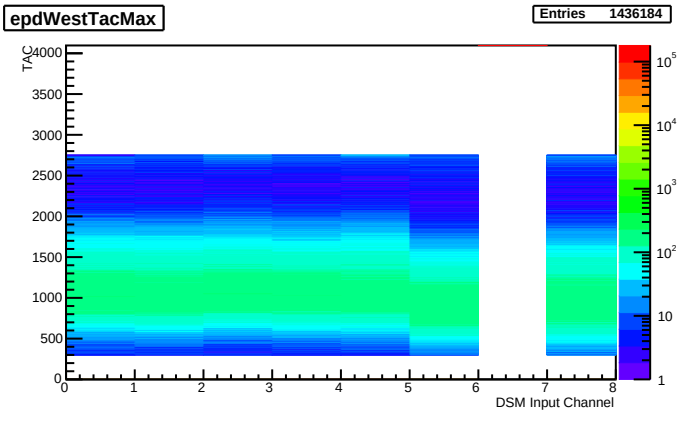
Data-Simu
DSM Input Channel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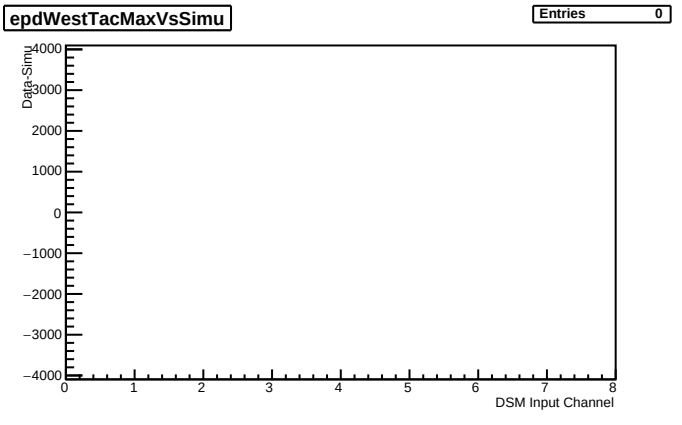
DSM Input Channel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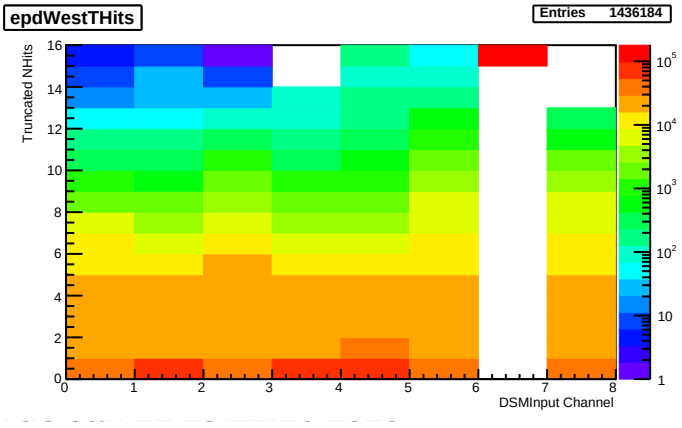
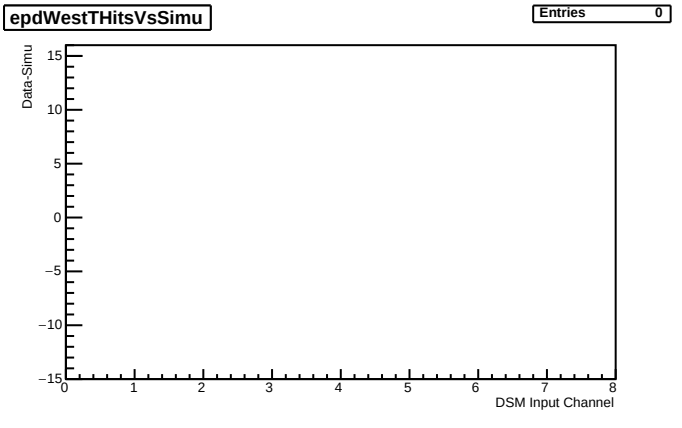
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1436184
Truncated NHits
DSMInput Channel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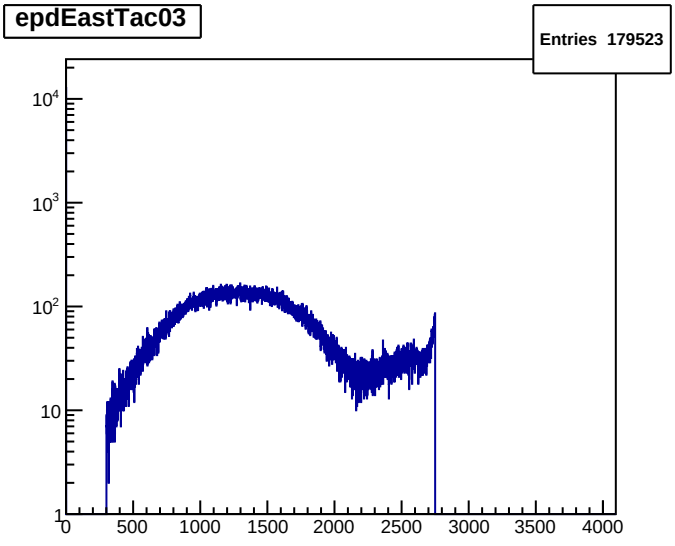
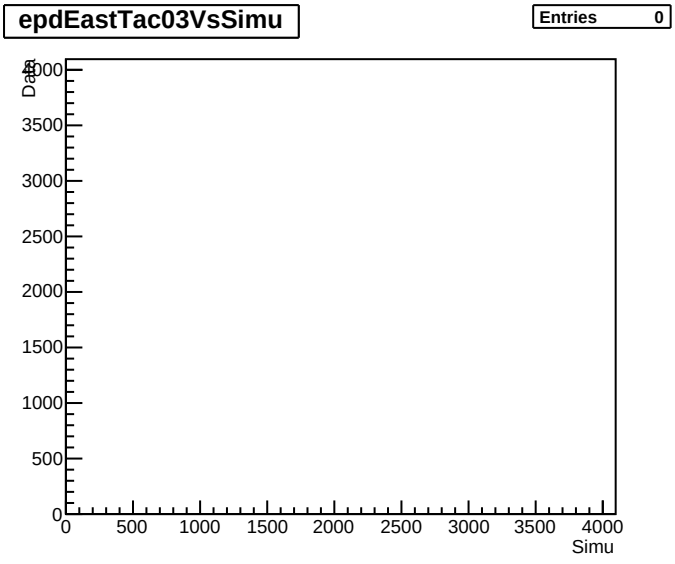
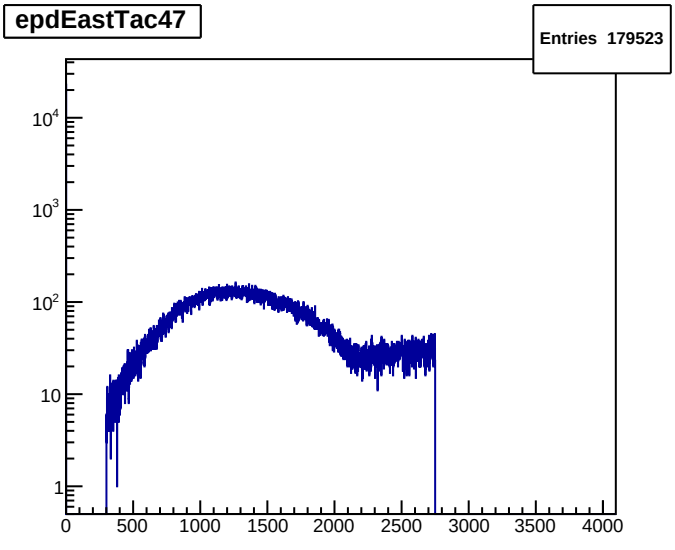
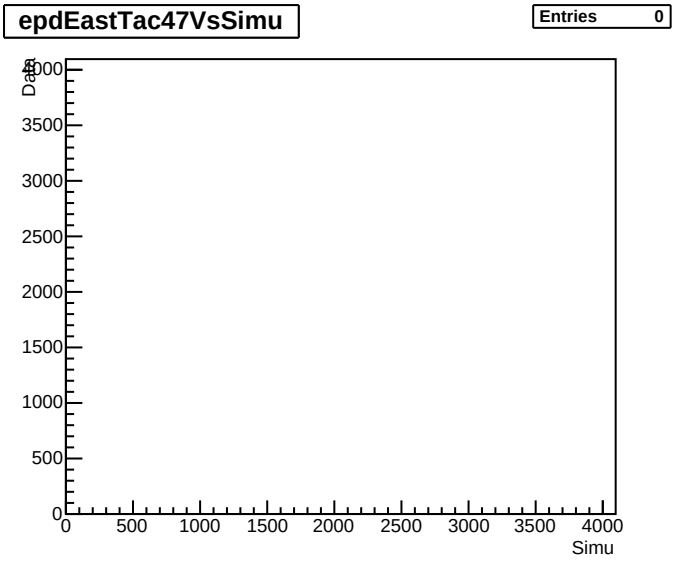
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 179523


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 179523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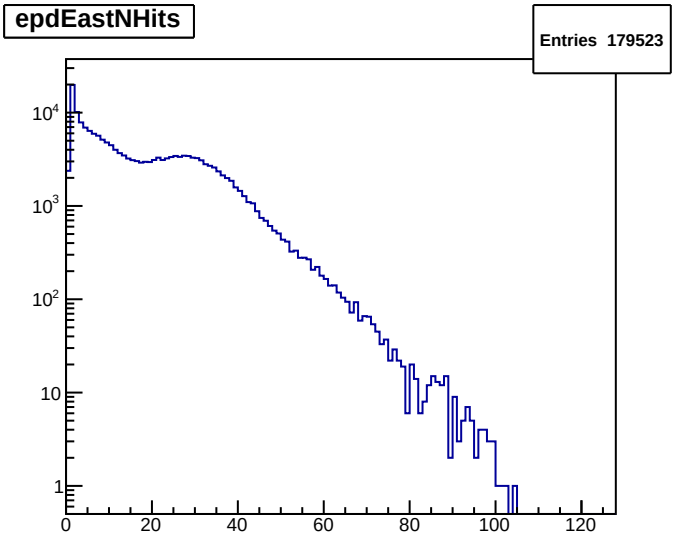
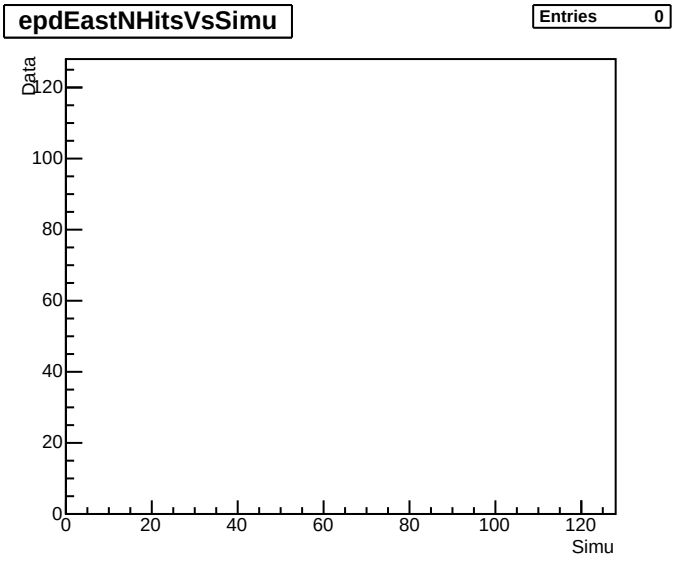
Entries 0
Data
Simu


epdEastNHits
Entries 179523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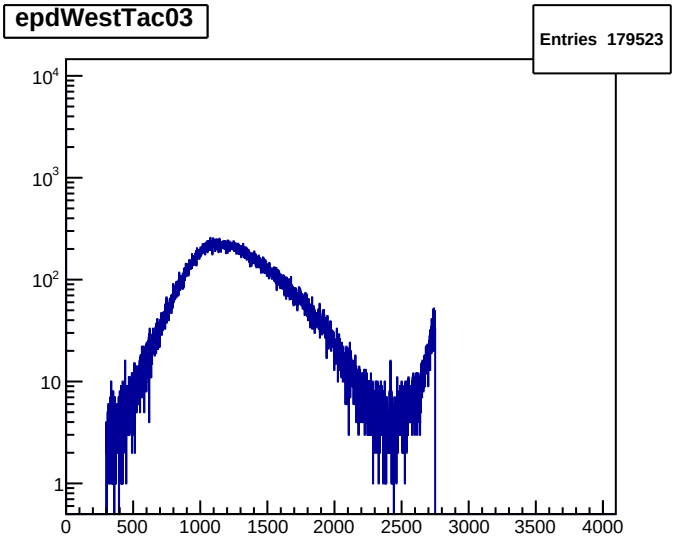
Entries 0
Data
Simu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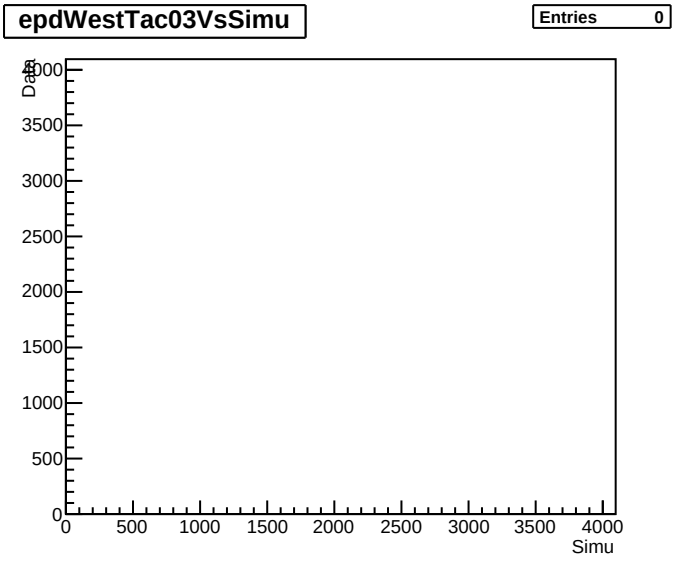
Entries 179523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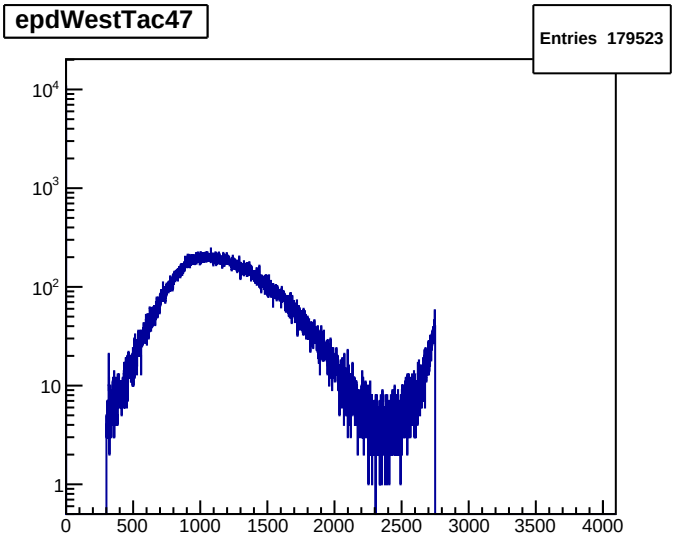
Entries 0
Data
Simu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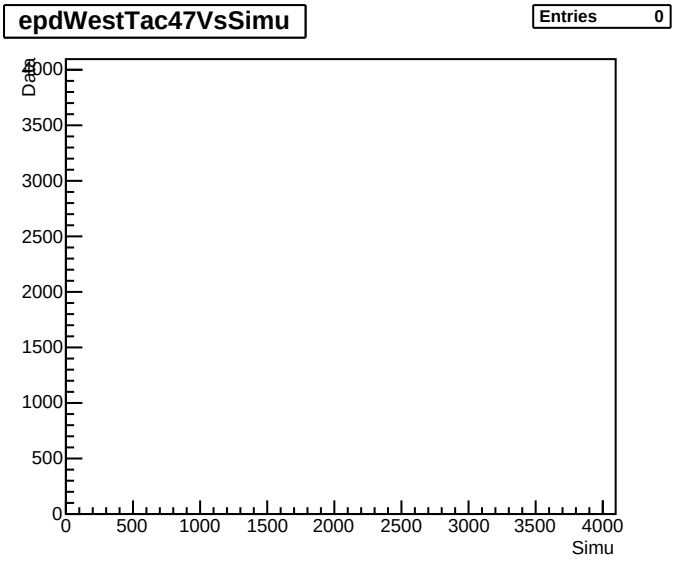
Entries 179523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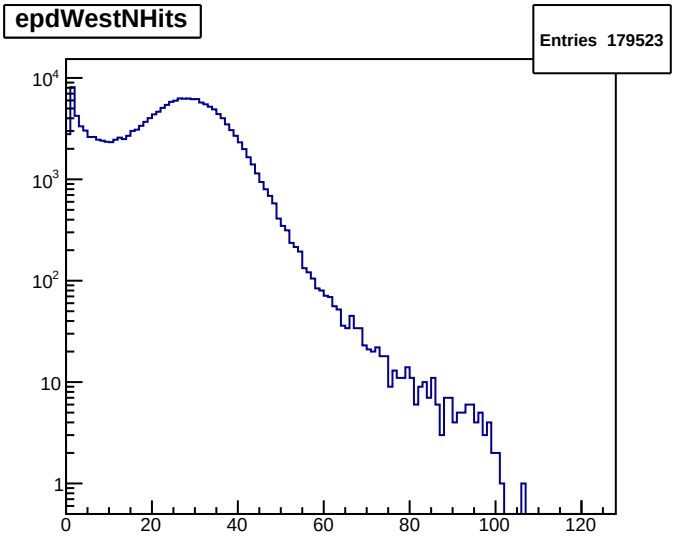
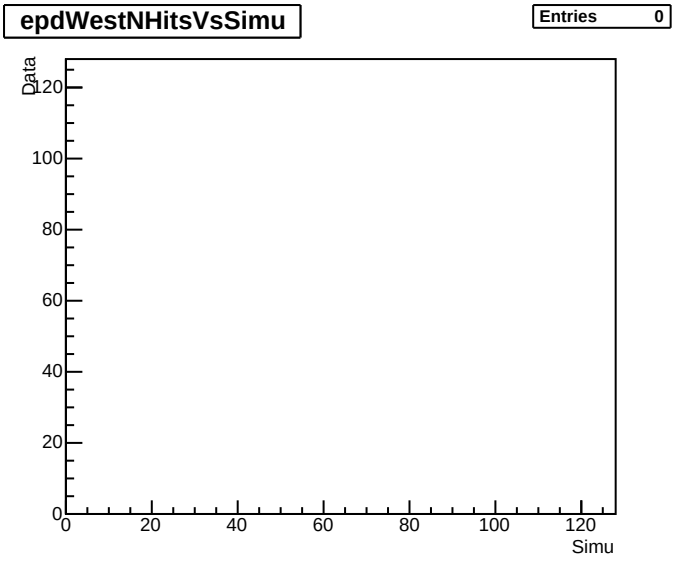
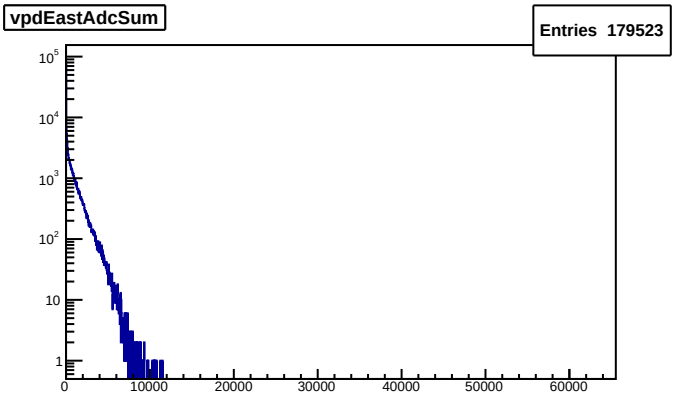
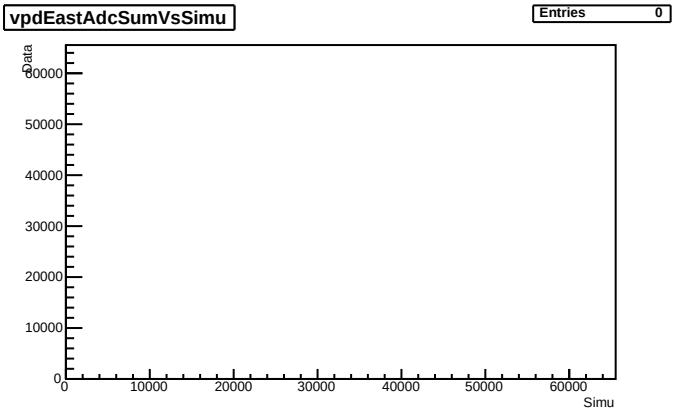
Entries 0
Data
Simu


epdWestNHits
Entries 179523


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 179523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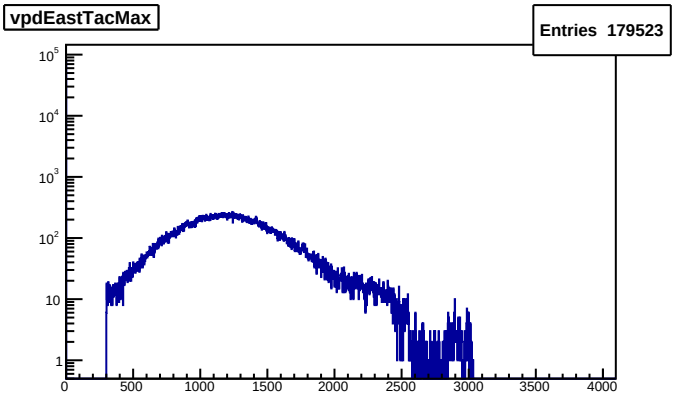
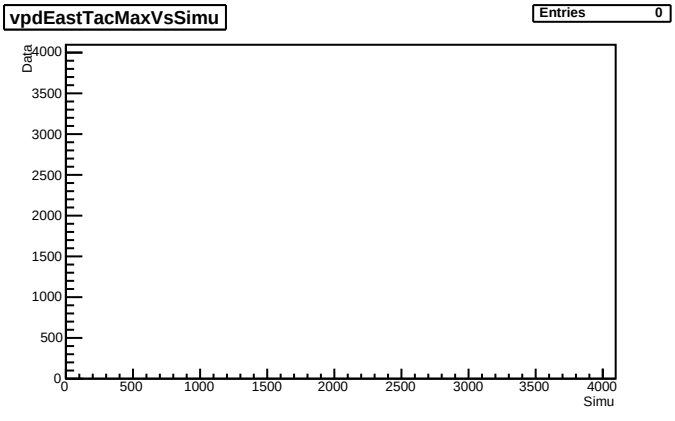
Entries 0
Data
Simu


vpdEastTacMax
Entries 179523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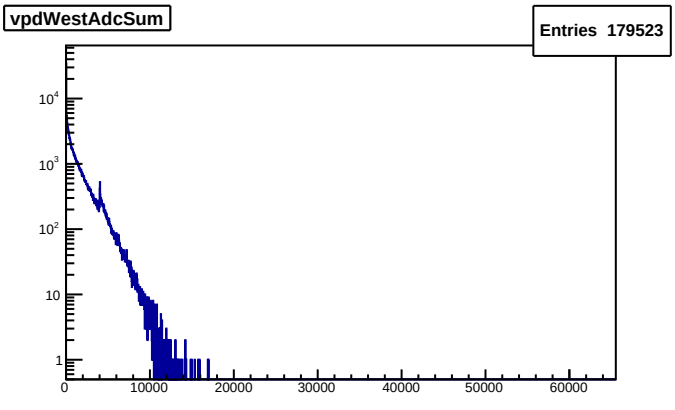
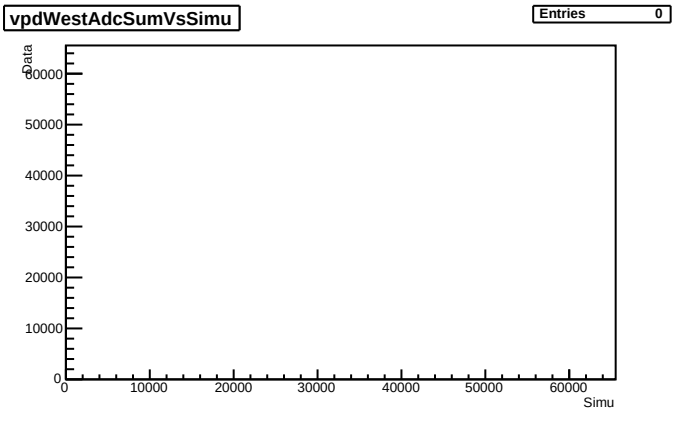
Entries 0
Data
Simu


vpdWestAdcSum
Entries 179523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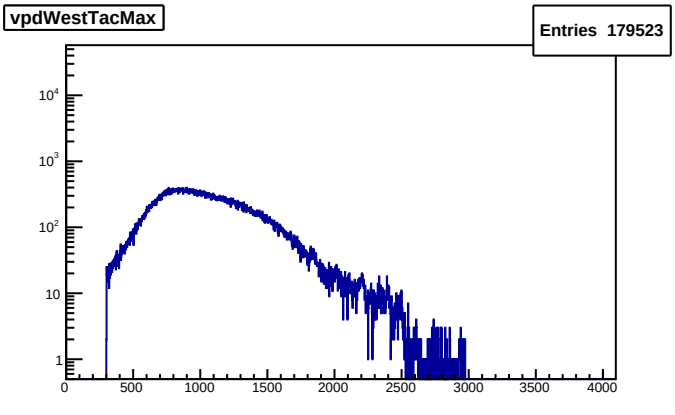
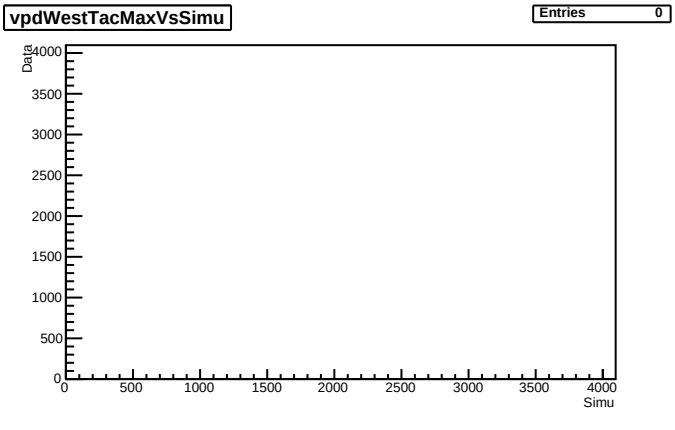
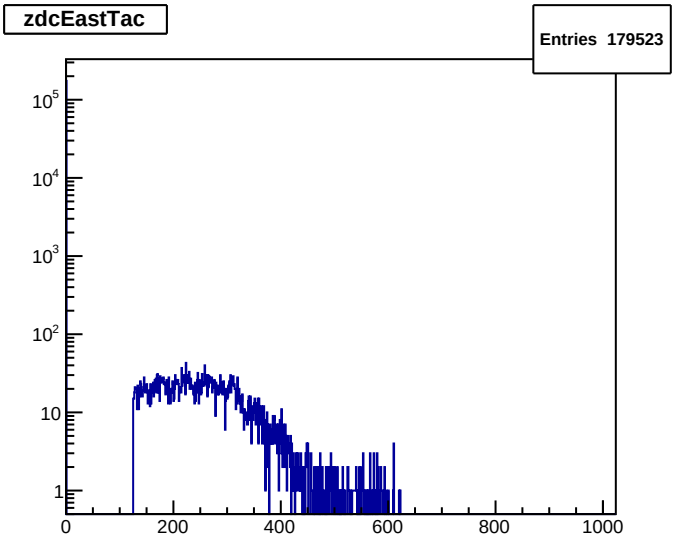
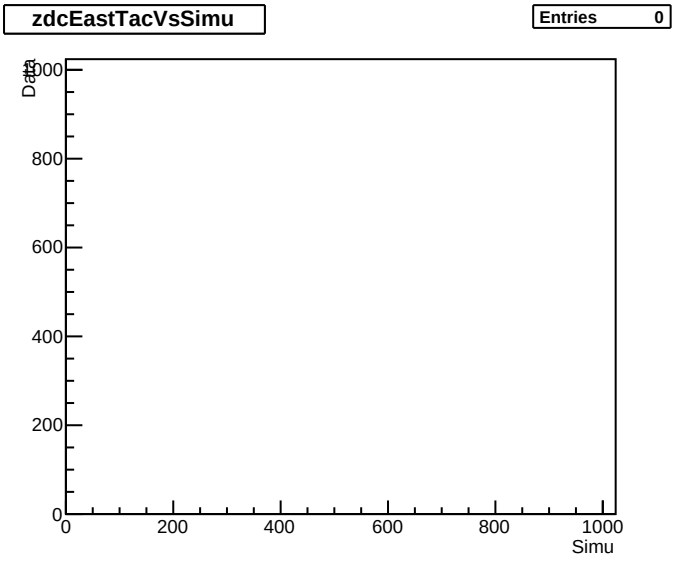
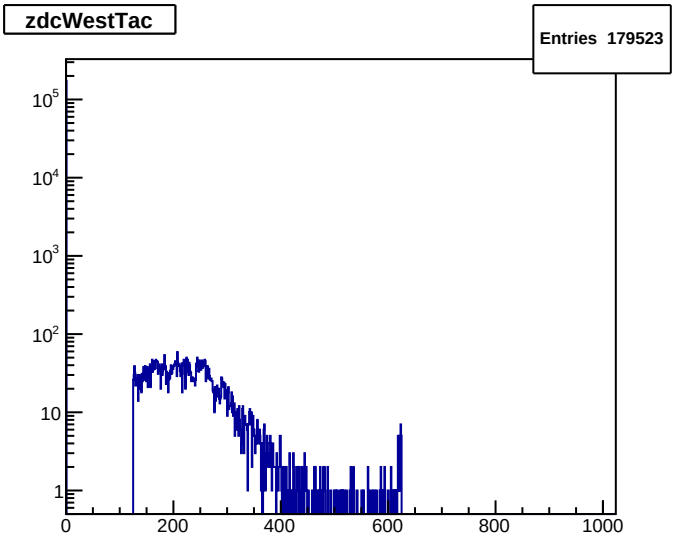
Entries 0
Data
Simu

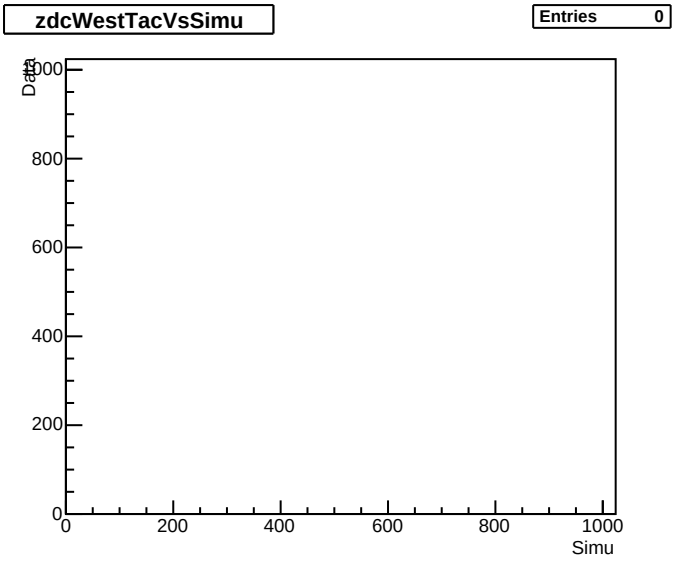

vpdWestTacMax
Entries 179523

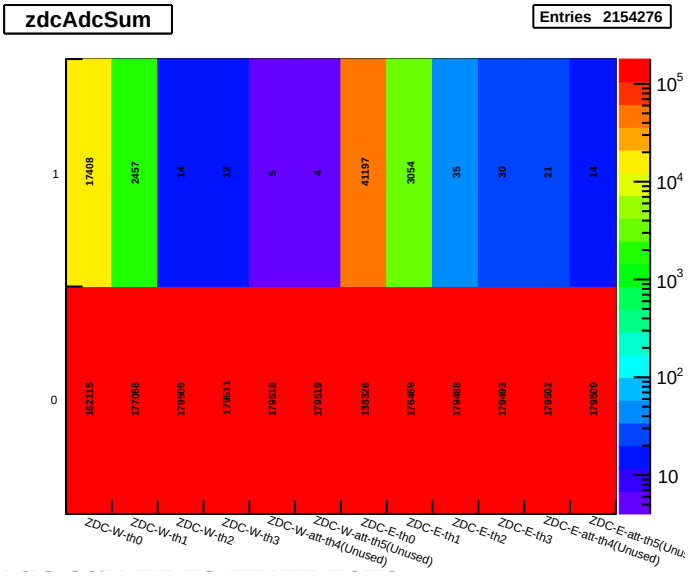

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 179523
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 179523
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 2154276
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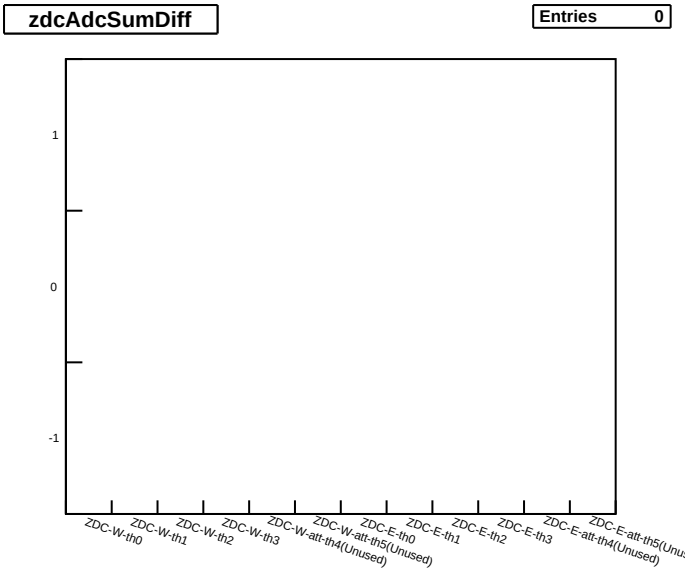
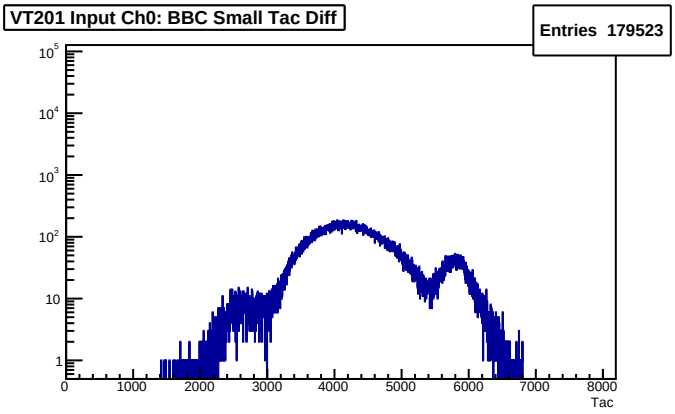
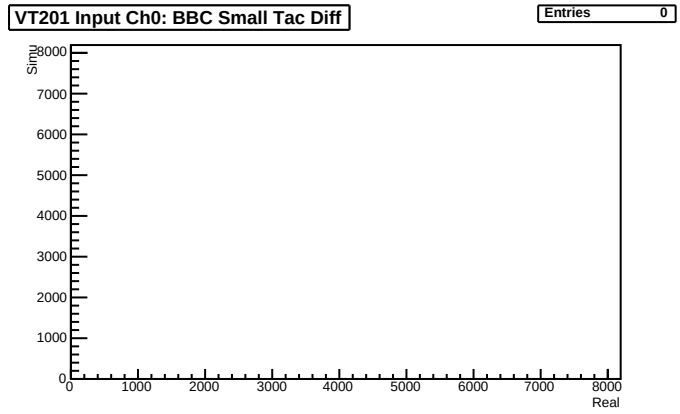
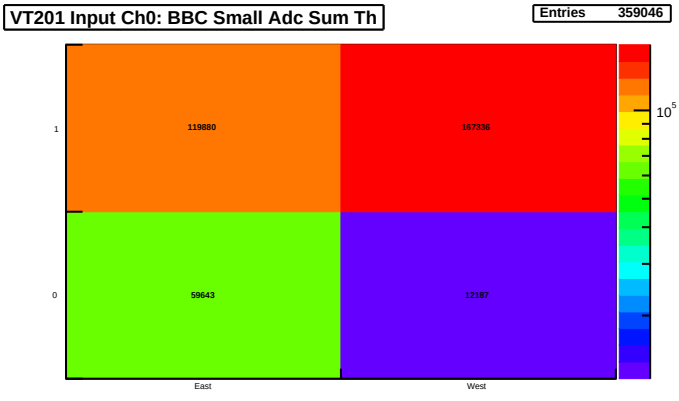
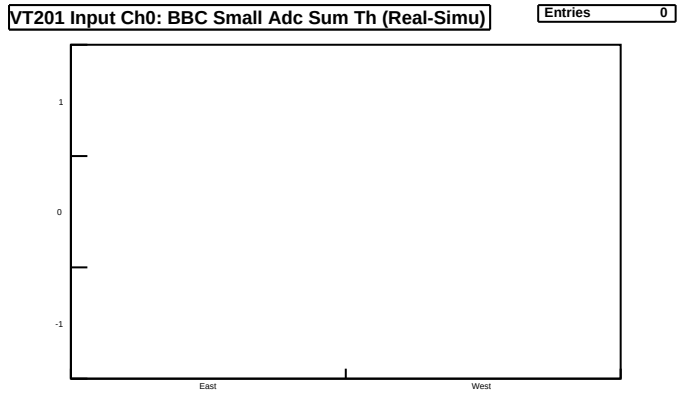
0
17408
2457
14
12
5
4
41197
3054
35
30
21
14
162115
177066
179509
179511
179518
179519
138326
176469
179488
179493
179502
179509
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

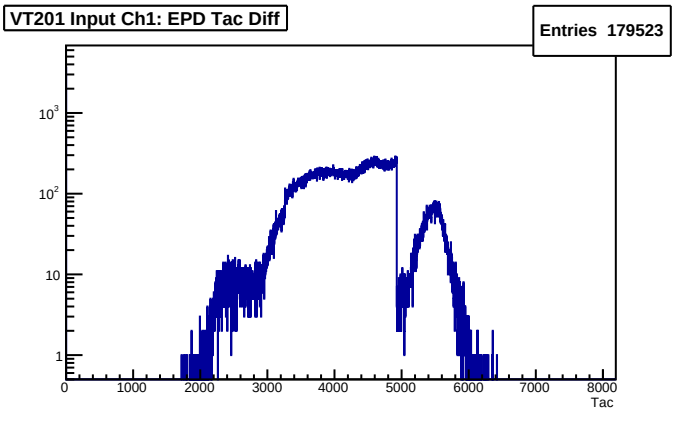

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

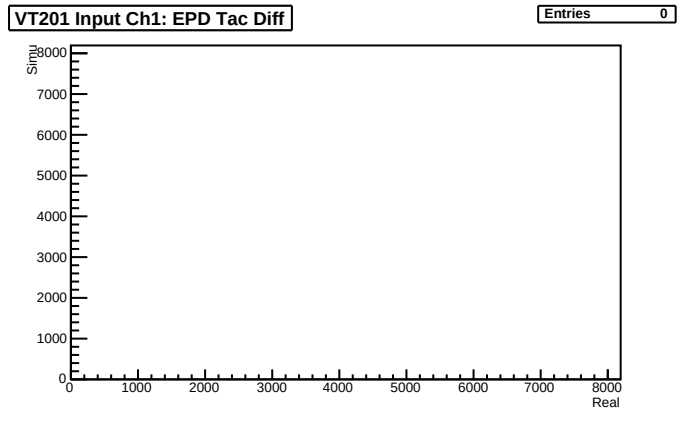

VT201 Input Ch0: BBC Small Tac Diff
Entries 179523
Tac

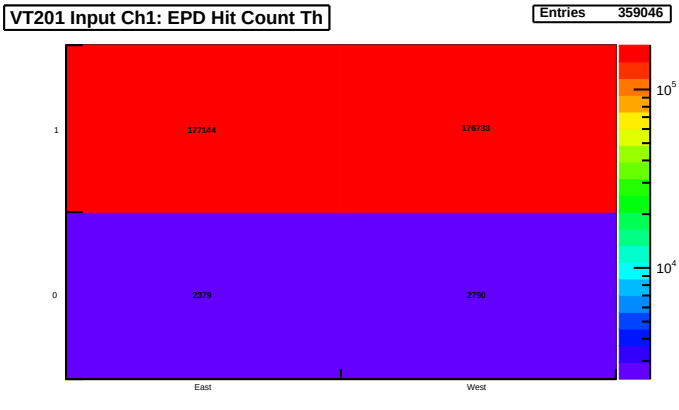

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

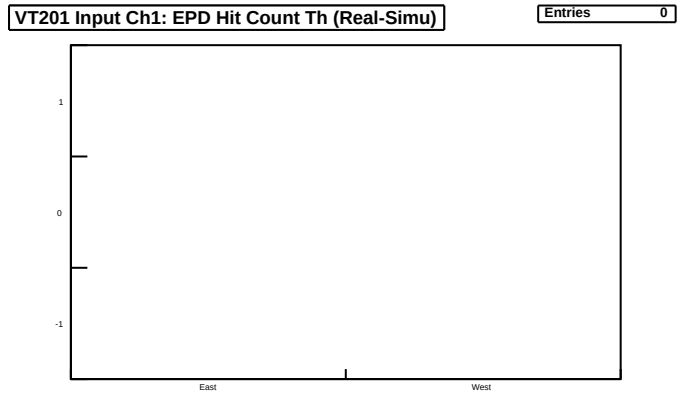

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 359046
119880
167336
59643
12187
East
West

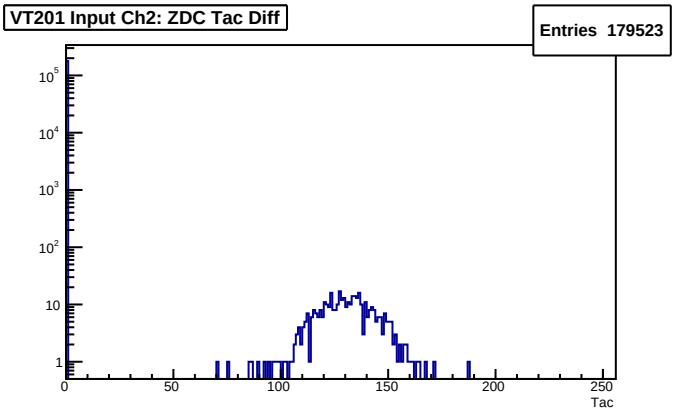

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

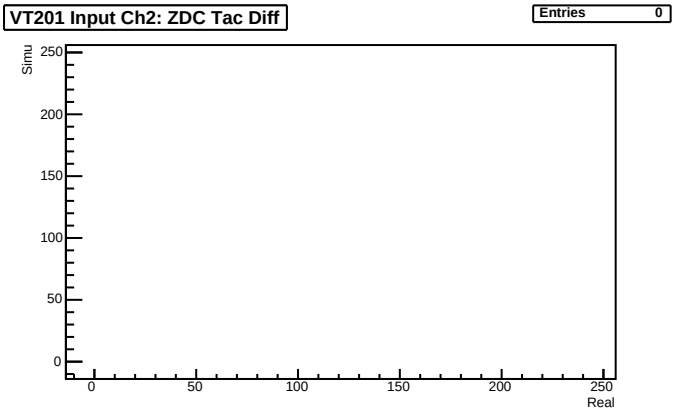

VT201 Input Ch1: EPD Tac Diff
Entries 179523
Tac

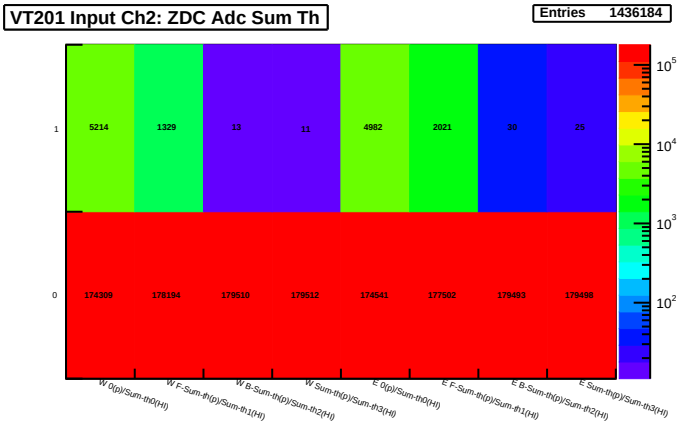

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

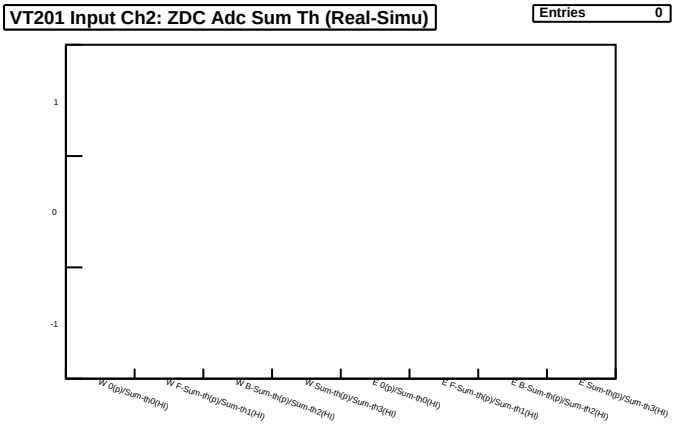

VT201 Input Ch1: EPD Hit Count Th
Entries 359046
177144
176733
2379
2790
East
West

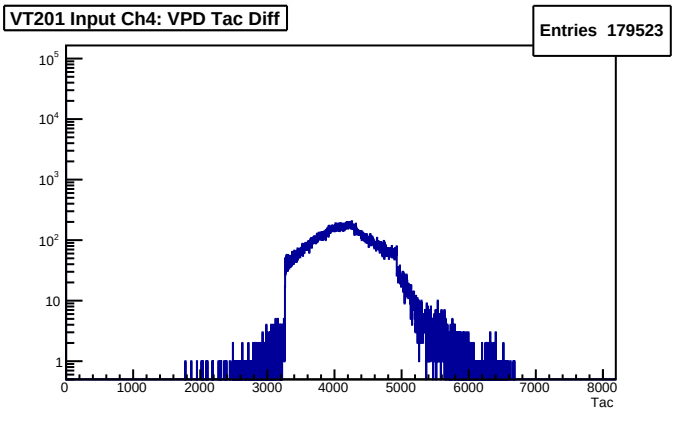

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

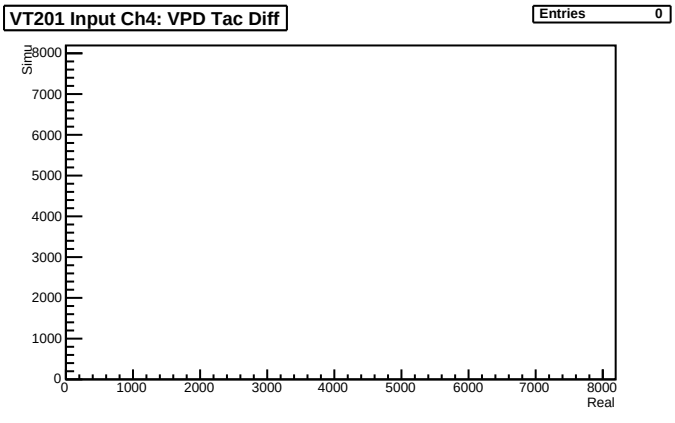

VT201 Input Ch2: ZDC Tac Diff
Entries 179523
Tac

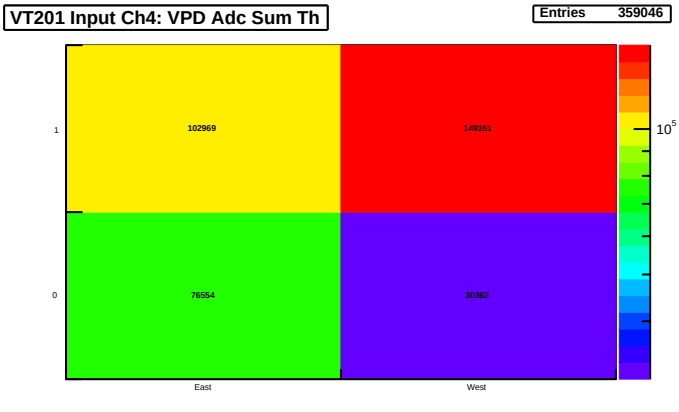

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

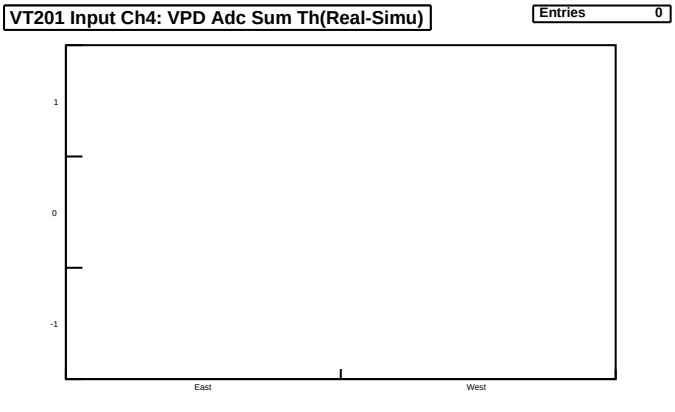

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1436184
5214
1329
13
11
4982
2021
30
25
174309
178194
179510
179512
174541
177502
179493
179498
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

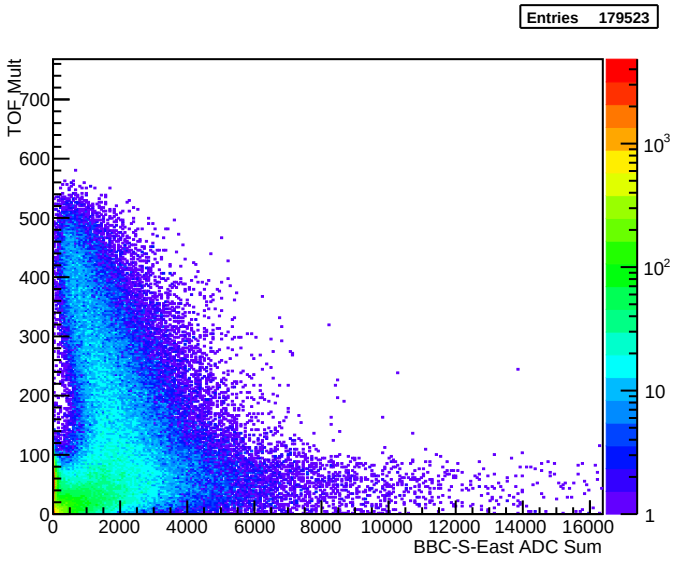

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

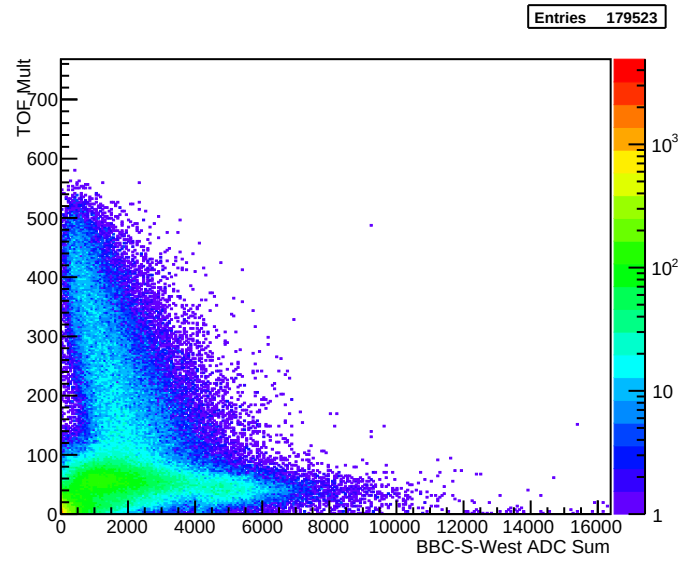

VT201 Input Ch4: VPD Tac Diff
Entries 179523
Tac

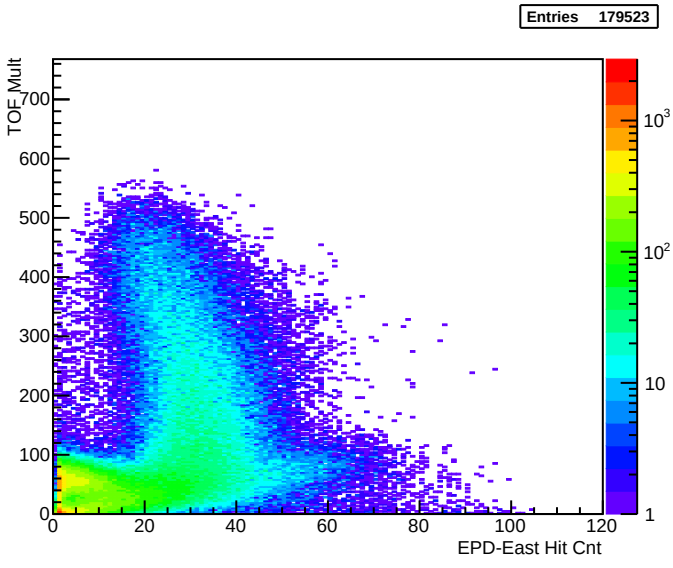

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

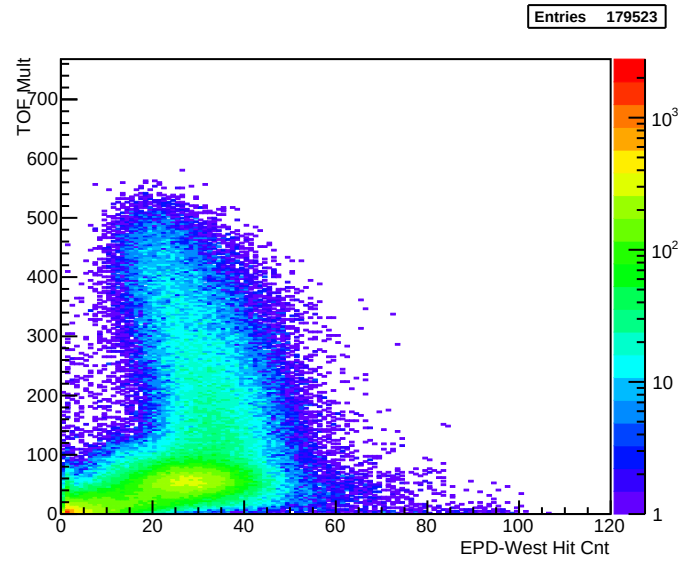

VT201 Input Ch4: VPD Adc Sum Th
Entries 359046
102969
149161
76554
30362
East
West

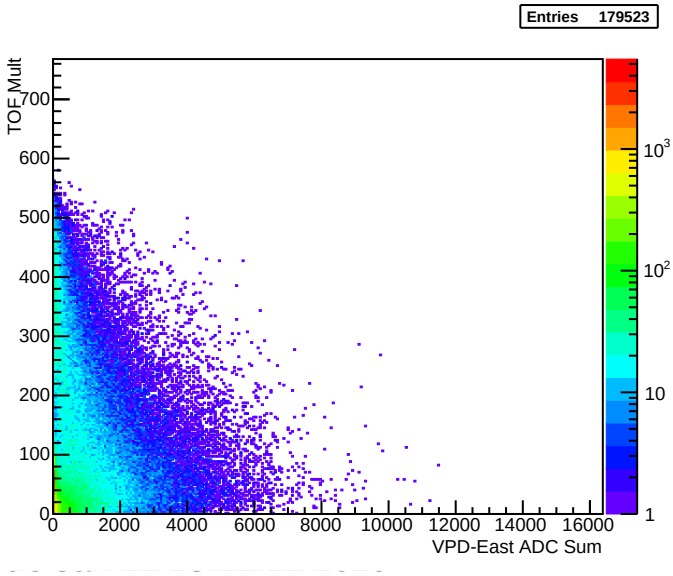

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

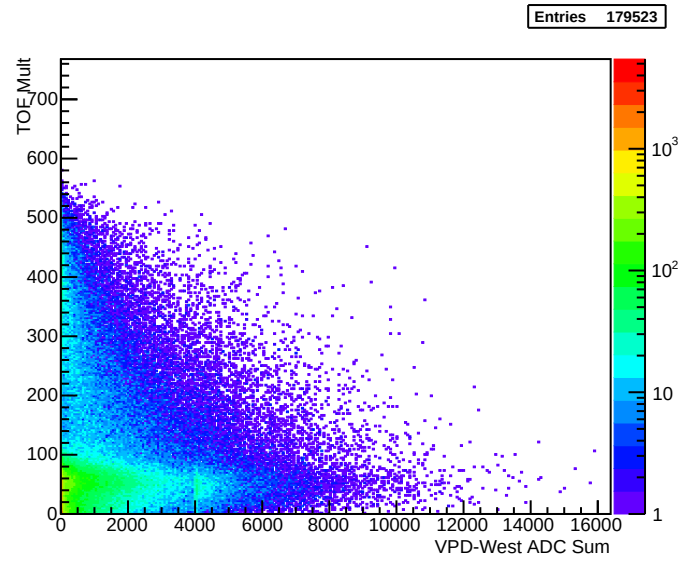

Entries 179523
TOF_Mult
BBC-S-East ADC Sum

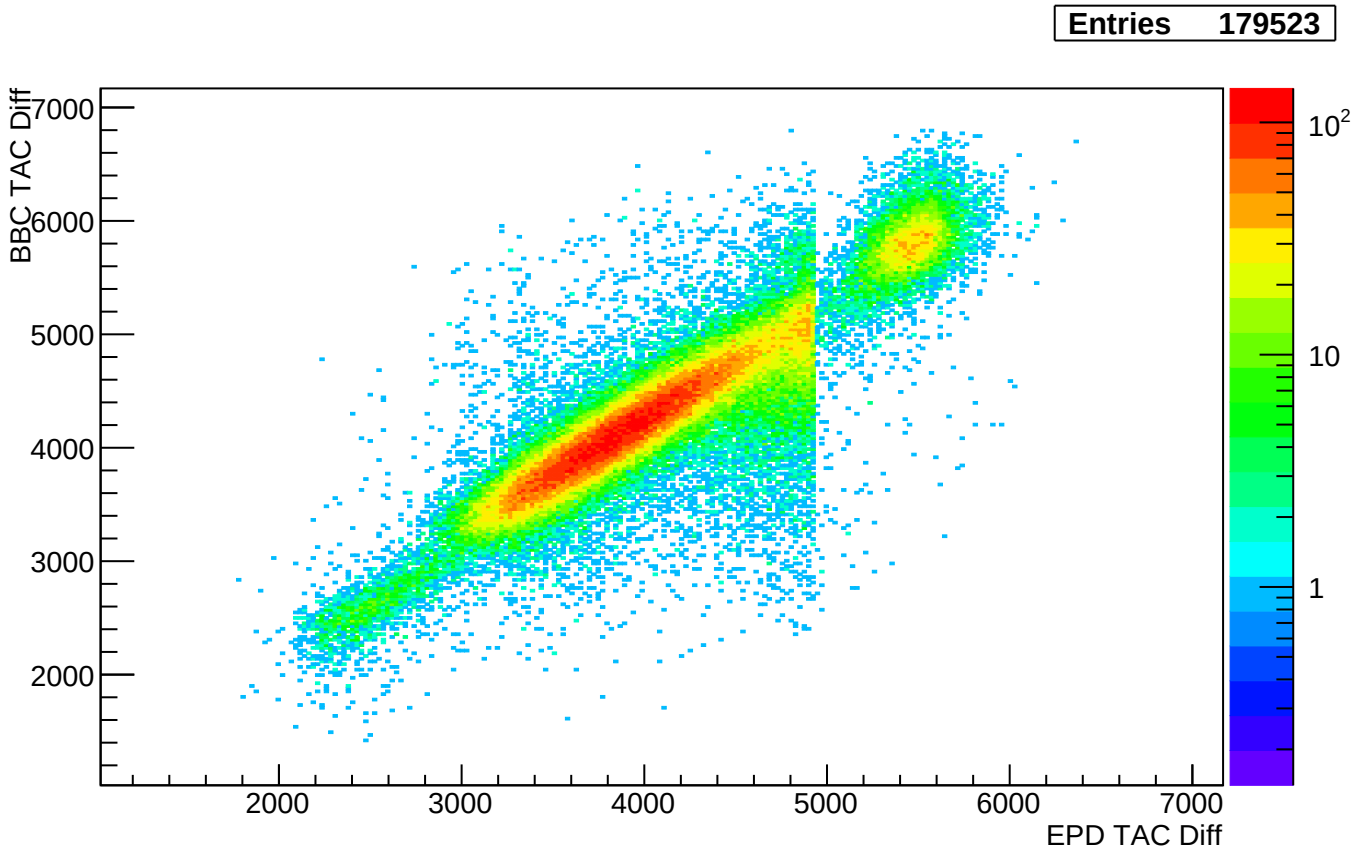

Entries 179523
TOF_Mult
BBC-S-West ADC Sum

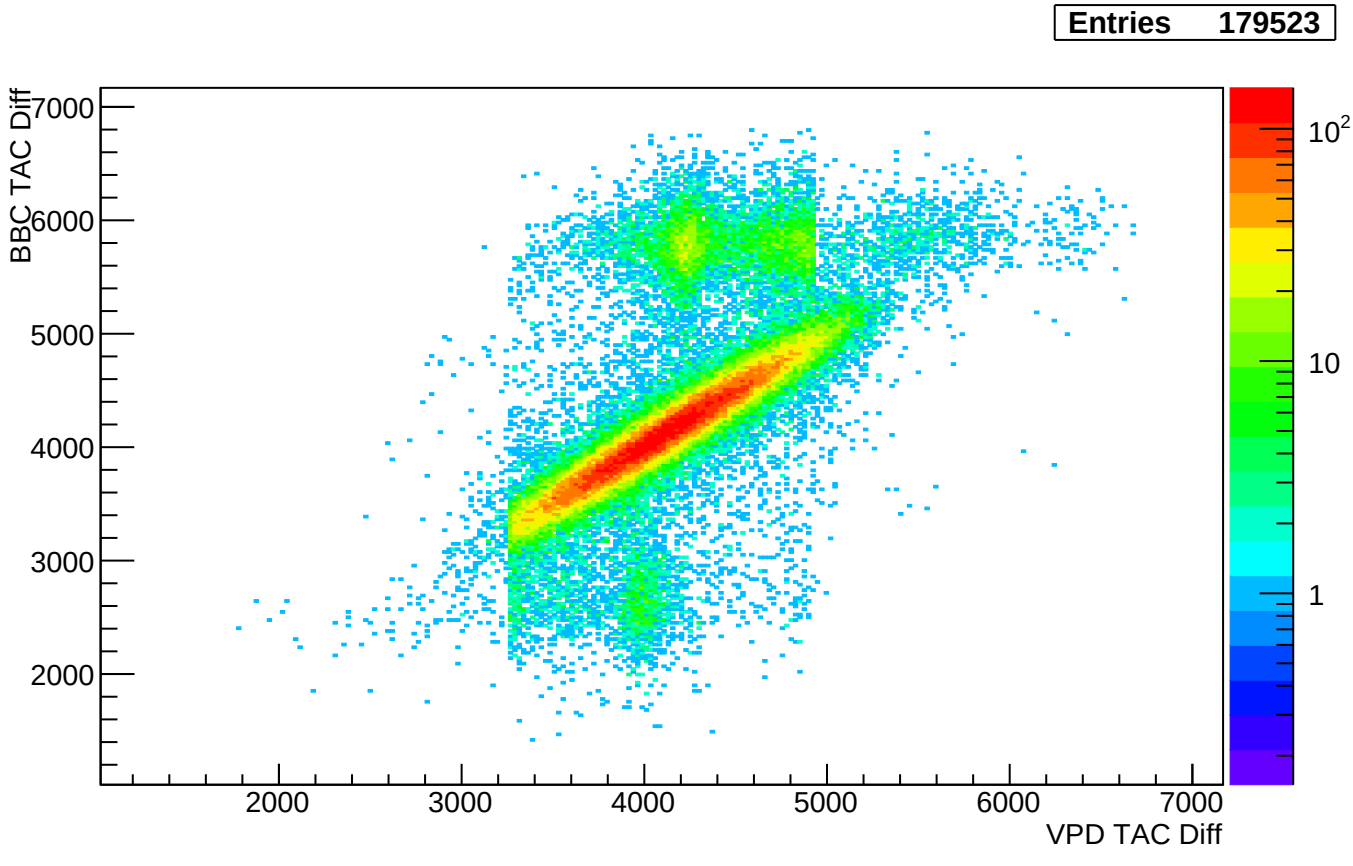

Entries 179523
TOF_Mult
EPD-East Hit Cnt

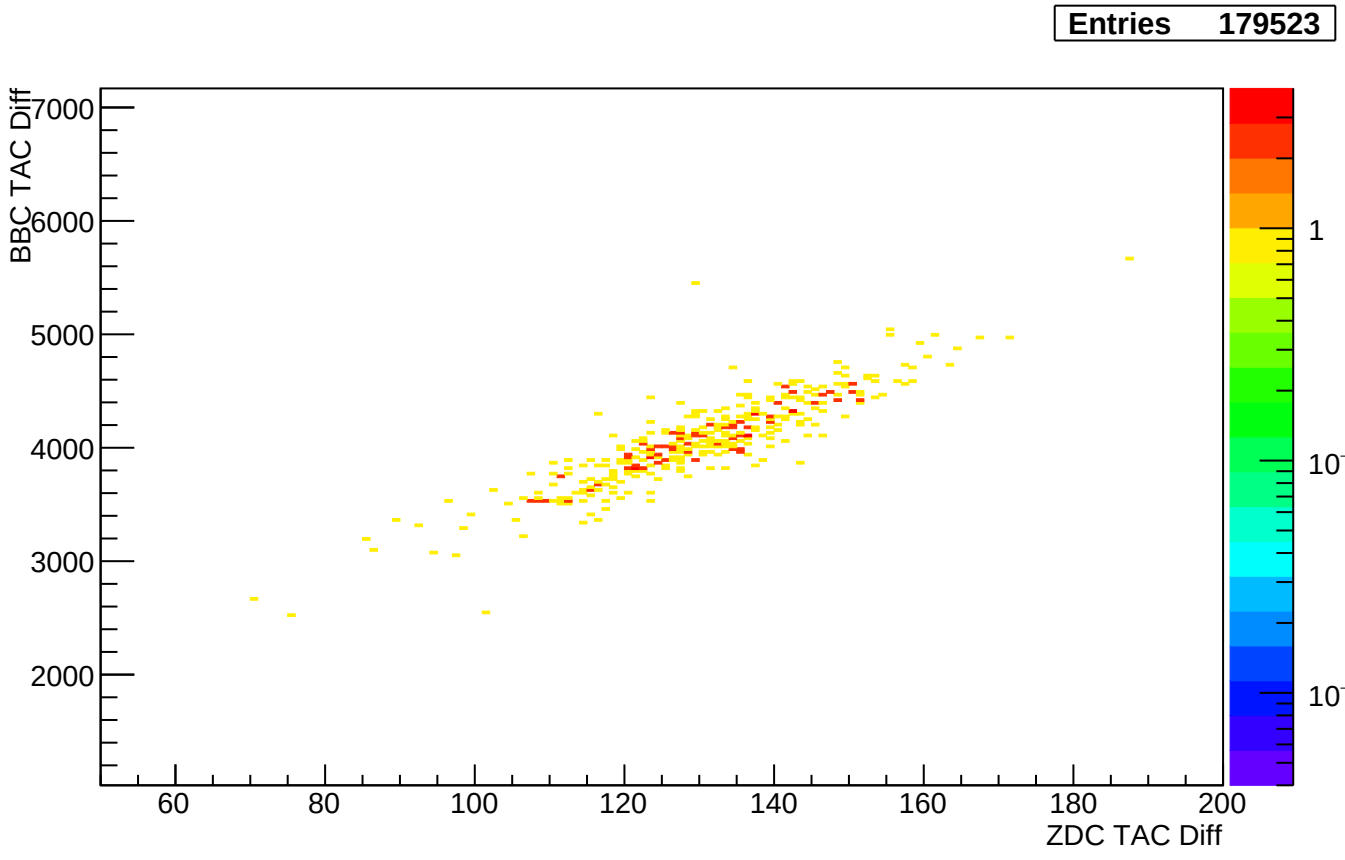

Entries 179523
TOF_Mult
EPD-West Hit Cnt

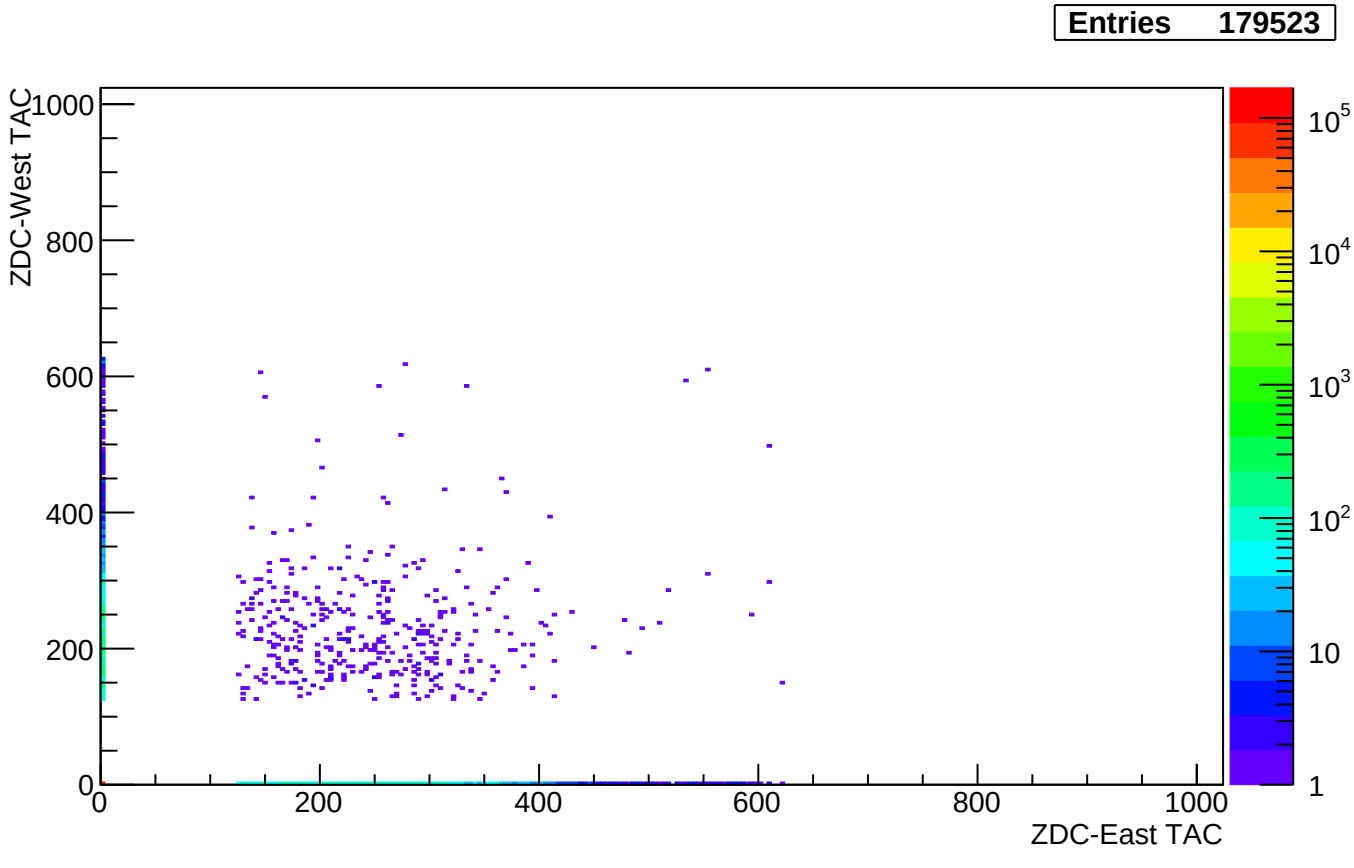

Entries 179523
TOF_Mult
VPD-East ADC Sum

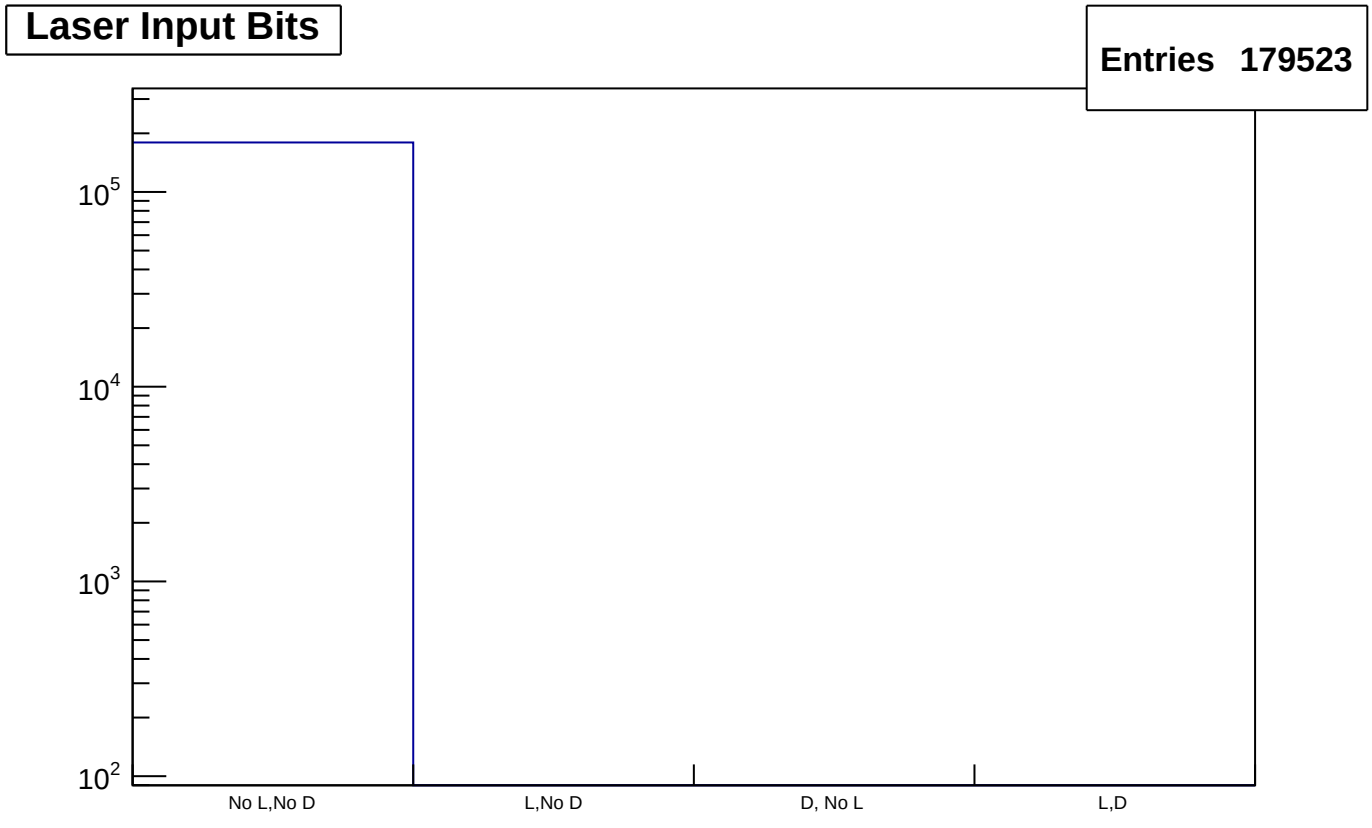

Entries 179523
TOF_Mult
VPD-West ADC Sum

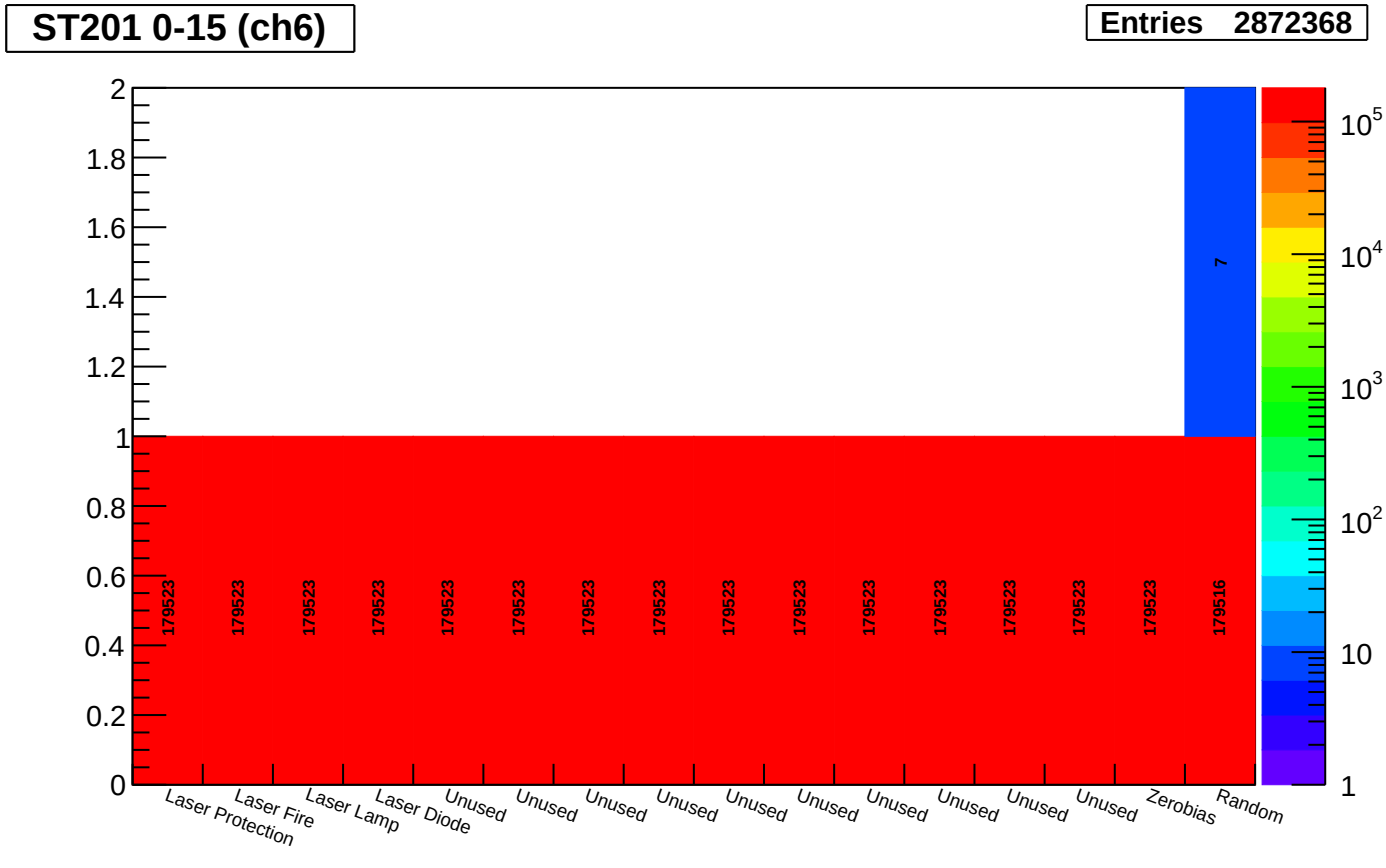

Entries 179523
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

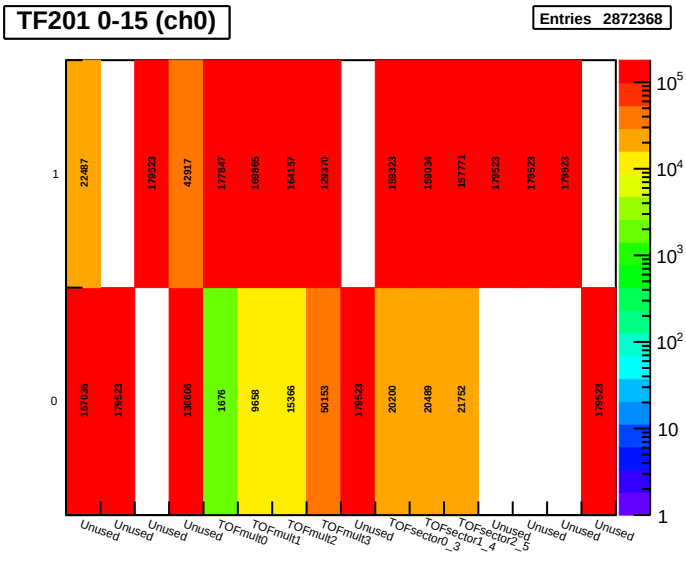

Entries 179523
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

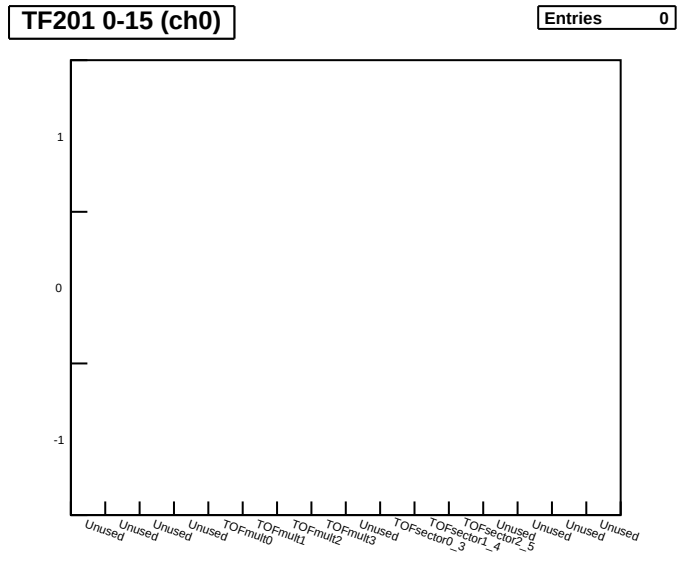

Entries 179523
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

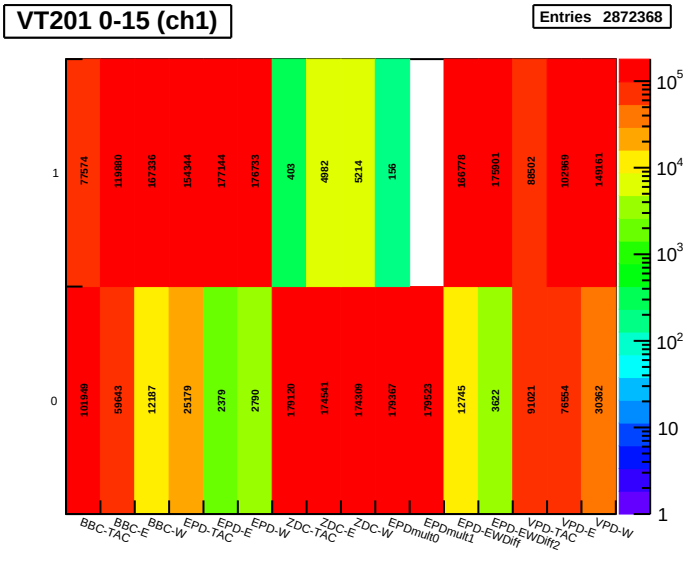

Entries 179523
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

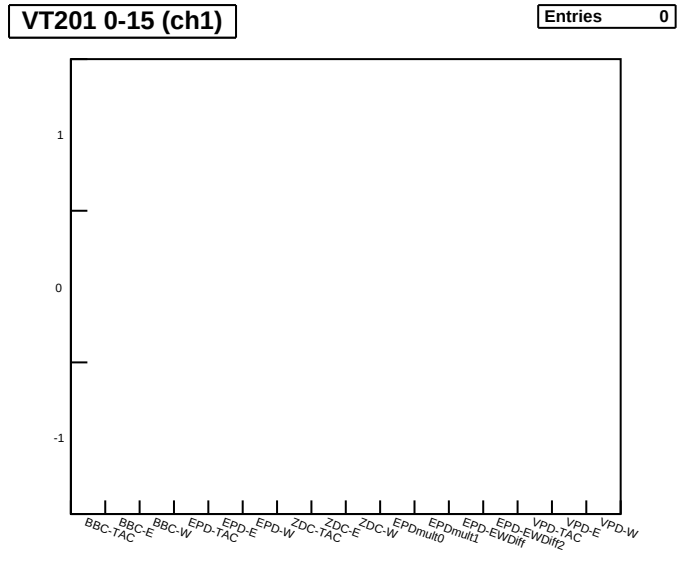

Laser Input Bits
Entries 179523
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

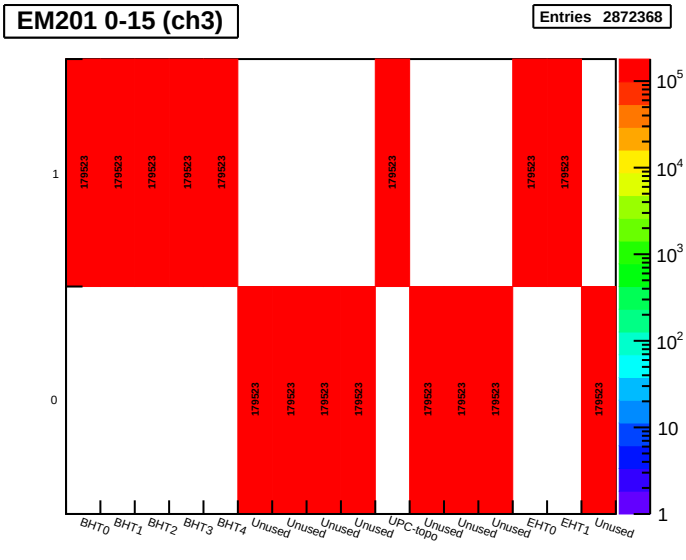

ST201 0-15 (ch6)
Entries 2872368
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179516
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

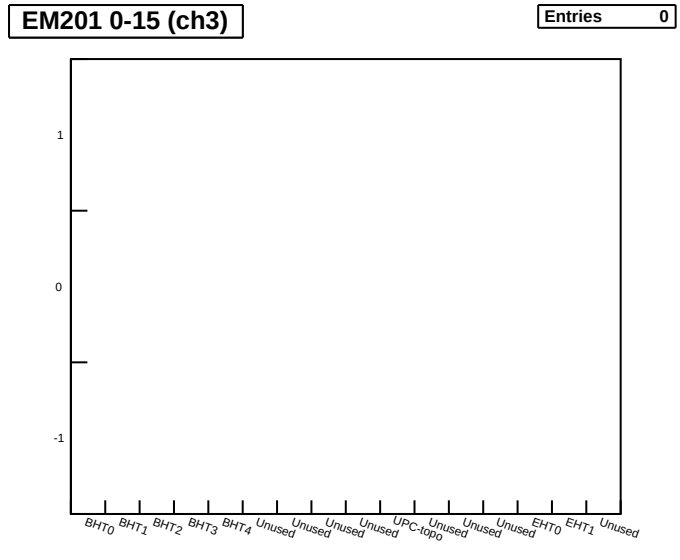

TF201 0-15 (ch0)
Entries 2872368
1
0
22487
179523
42917
177847
169865
164157
129370
159323
159034
157771
179523
179523
179523
157036
179523
136606
1676
9658
15366
50153
179523
20200
20489
21752
179523
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 2872368
1
0
77574
119880
167336
154344
177144
176733
403
4982
5214
156
166778
179901
88502
102969
149161
101949
59643
12187
25179
2379
2790
179120
174541
174309
179367
179523
12745
3622
91021
76554
30362
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 2872368
1
0
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
179523
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