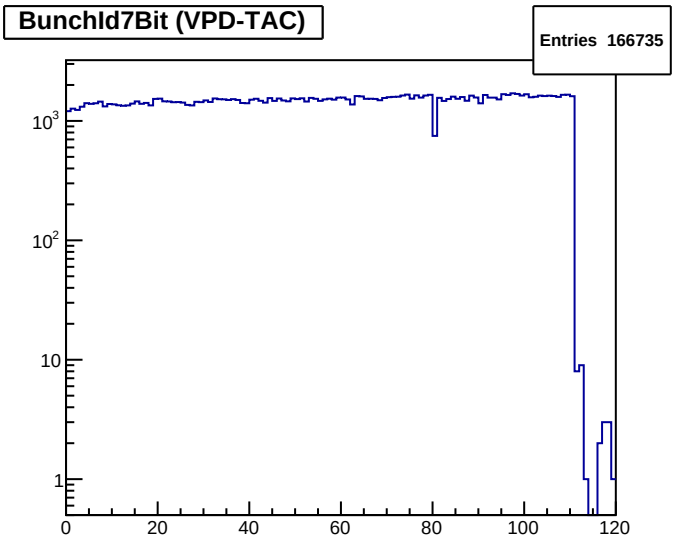
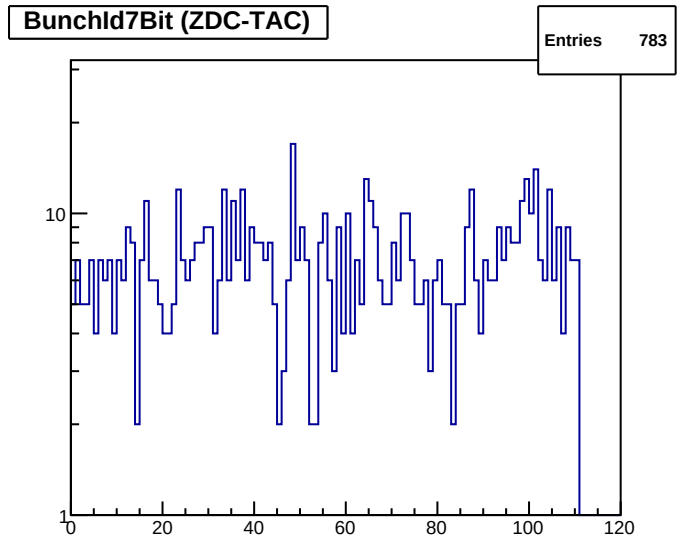
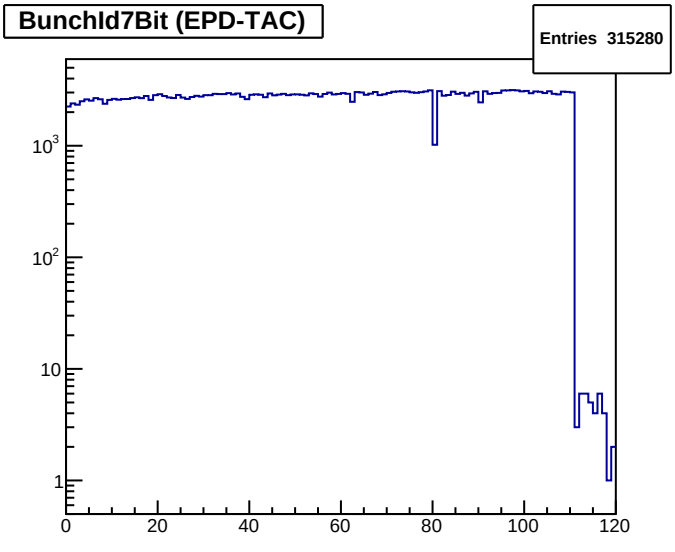
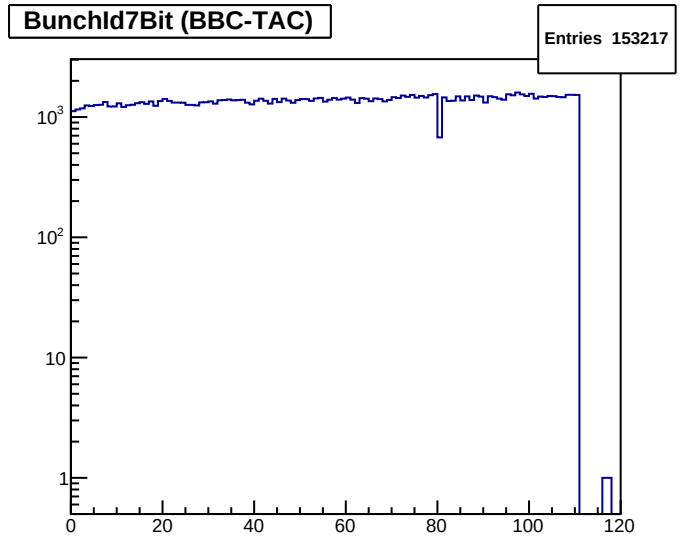
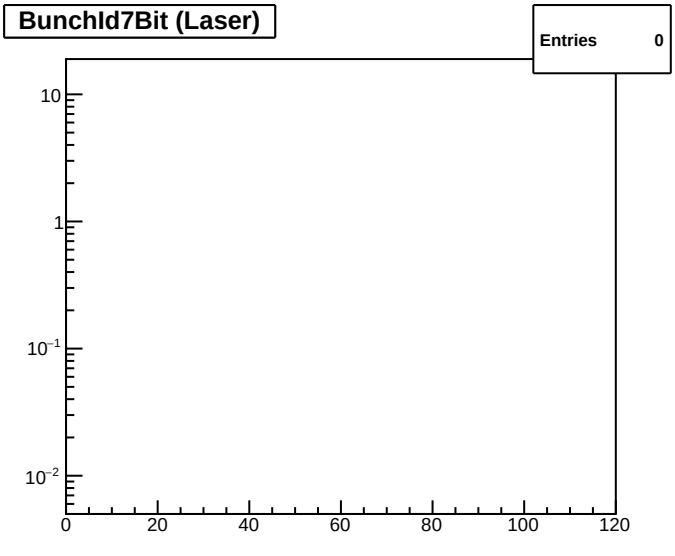
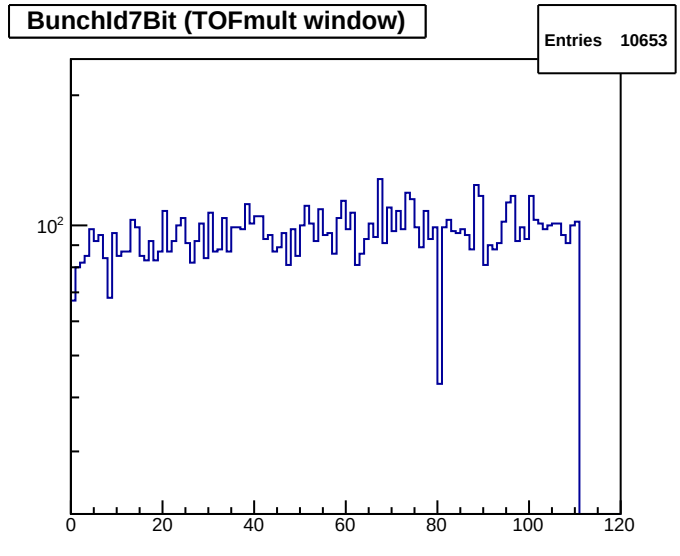

BunchId7Bit (VPD-TAC)
Entries 166735

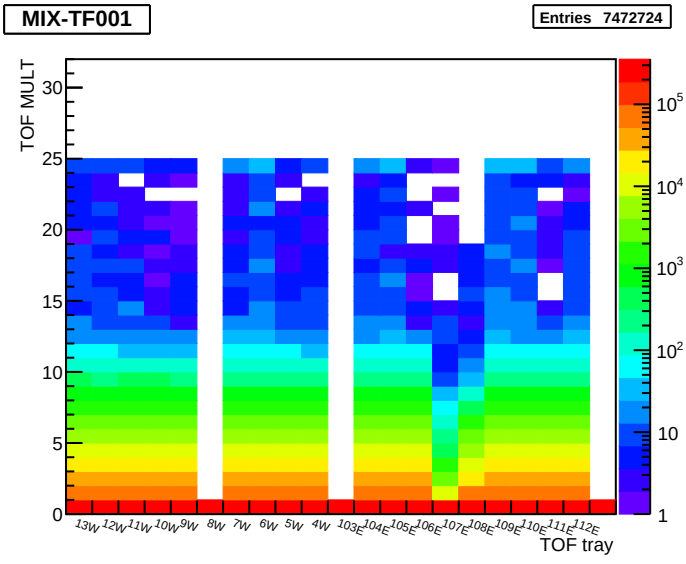

BunchId7Bit (ZDC-TAC)
Entries 783

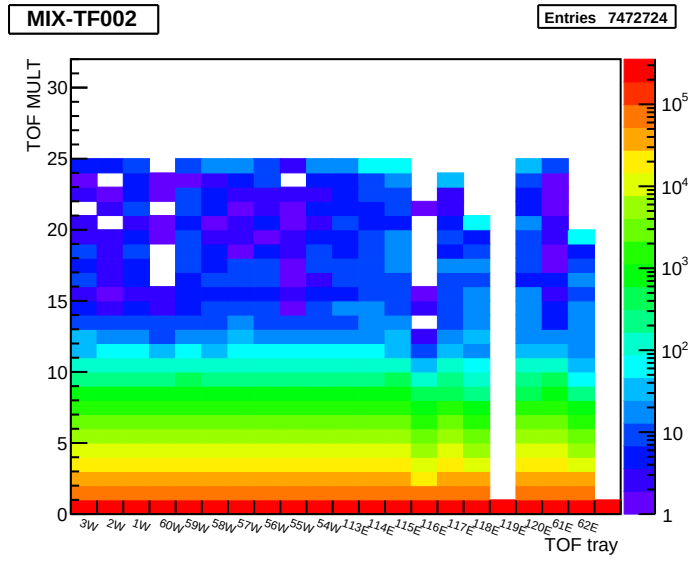

BunchId7Bit (EPD-TAC)
Entries 315280

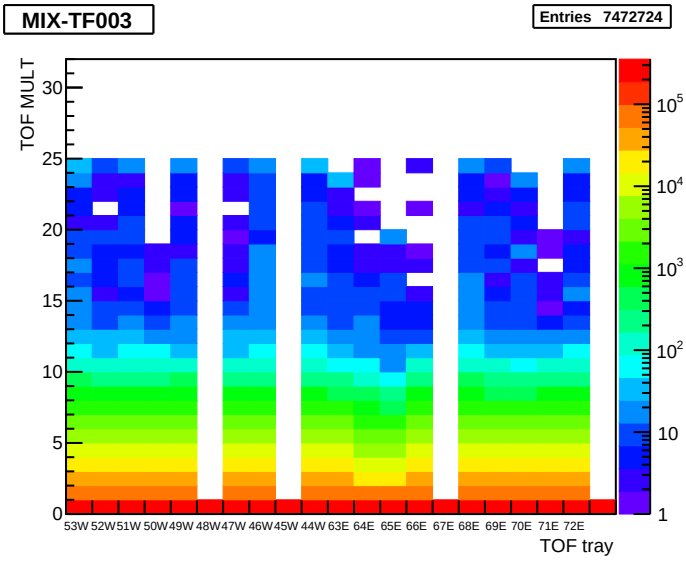

BunchId7Bit (BBC-TAC)
Entries 153217

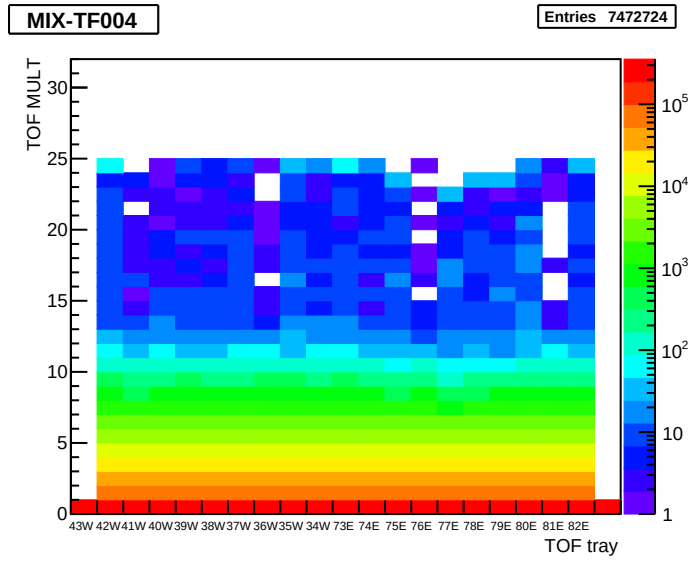

BunchId7Bit (Laser)
Entries 0

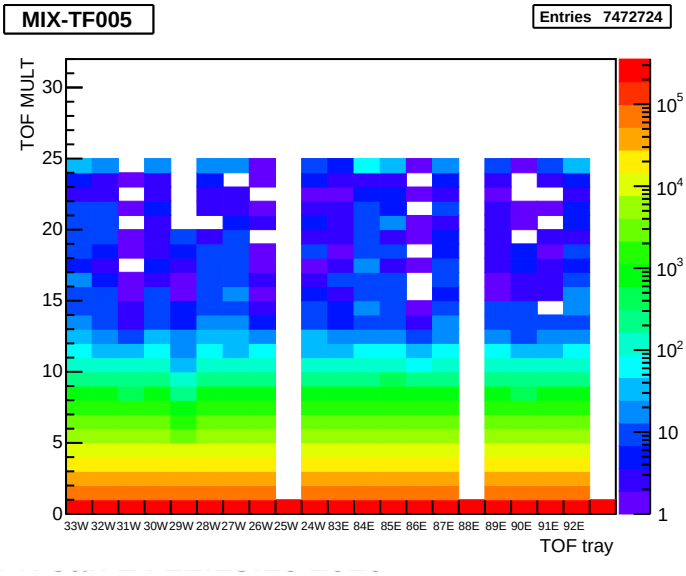

BunchId7Bit (TOFmult window)
Entries 10653

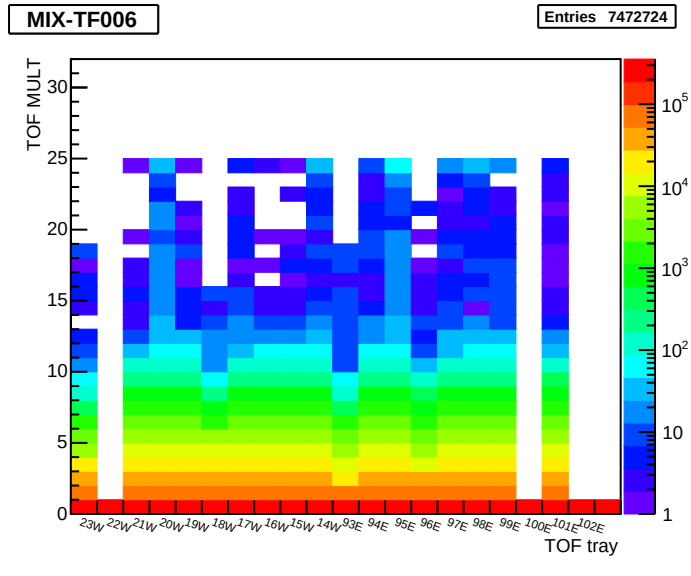

MIX-TF001
Entries 7472724
TOF MULT
TOF tray

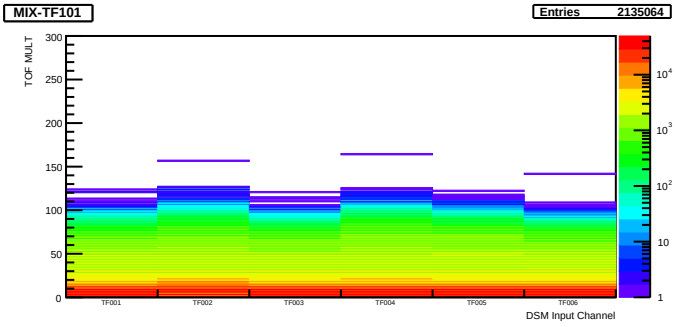

MIX-TF002
Entries 7472724
TOF MULT
TOF tray

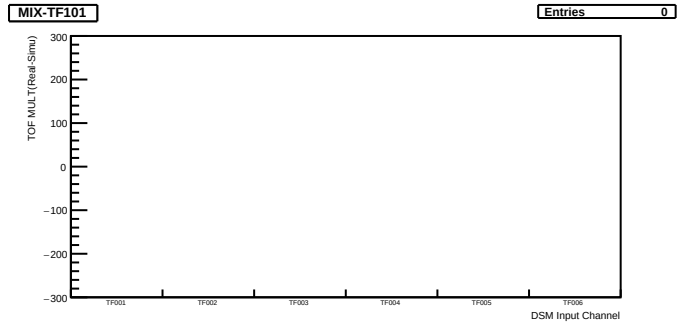

MIX-TF003
Entries 7472724
TOF MULT
TOF tray

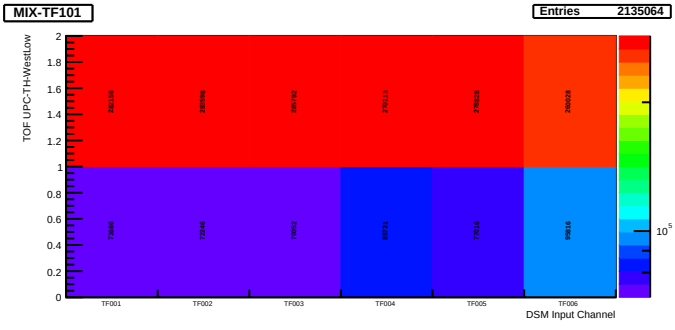

MIX-TF004
Entries 7472724
TOF MULT
TOF tray

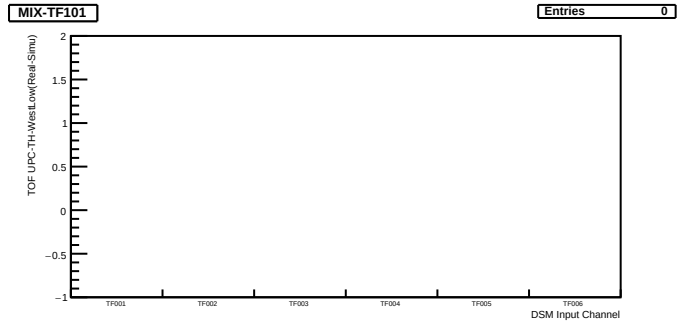

MIX-TF005
Entries 7472724
TOF MULT
TOF tray

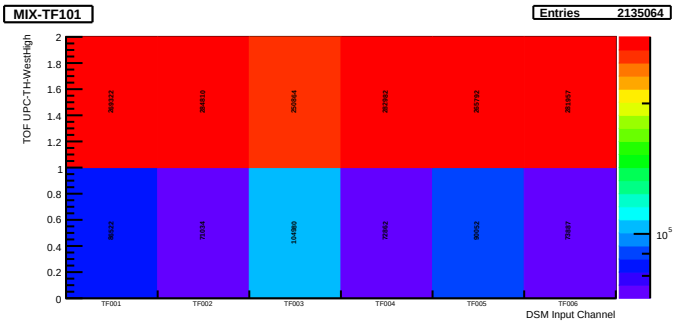

MIX-TF006
Entries 7472724
TOF MULT
TOF tray

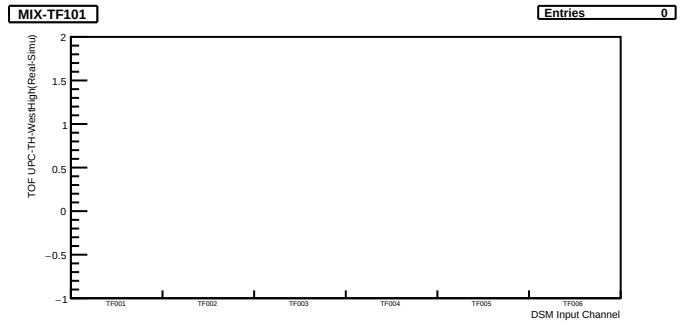

MIX-TF101
Entries 2135064
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

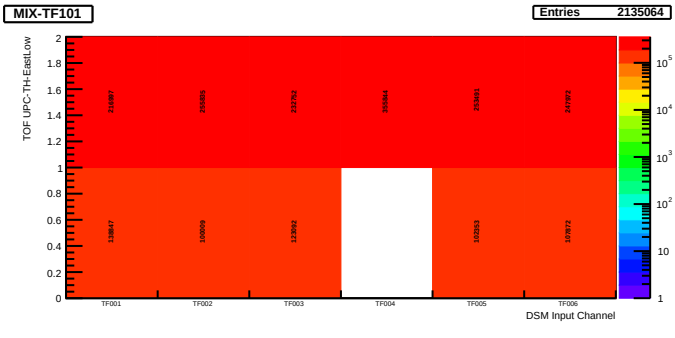

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

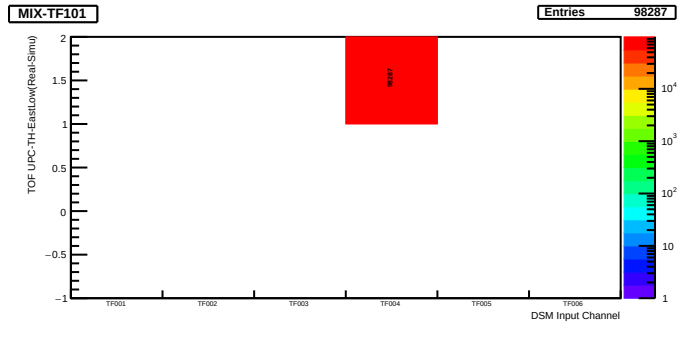

MIX-TF101
Entries 2135064
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

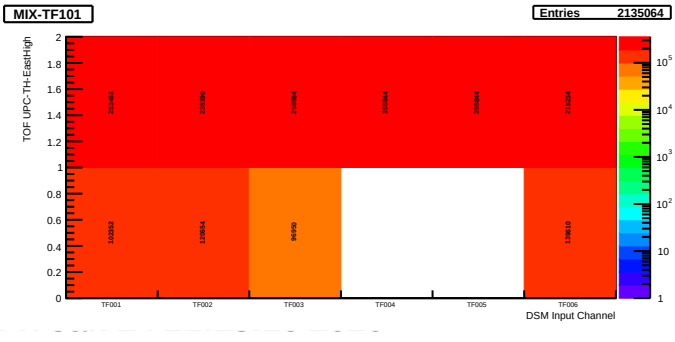

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

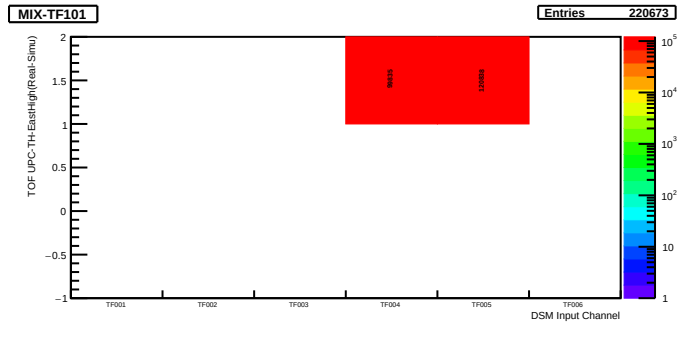

MIX-TF101
Entries 2135064
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

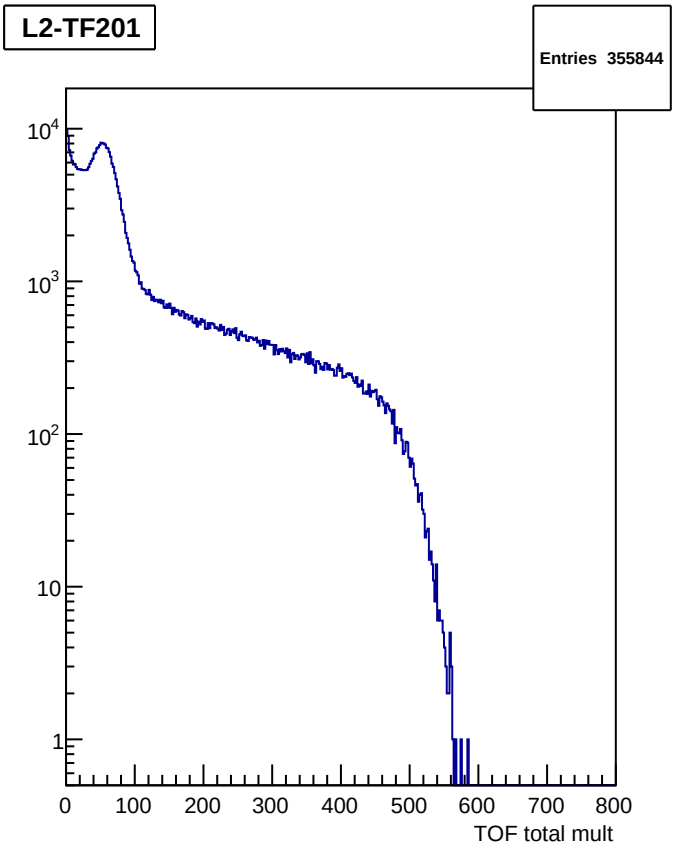

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

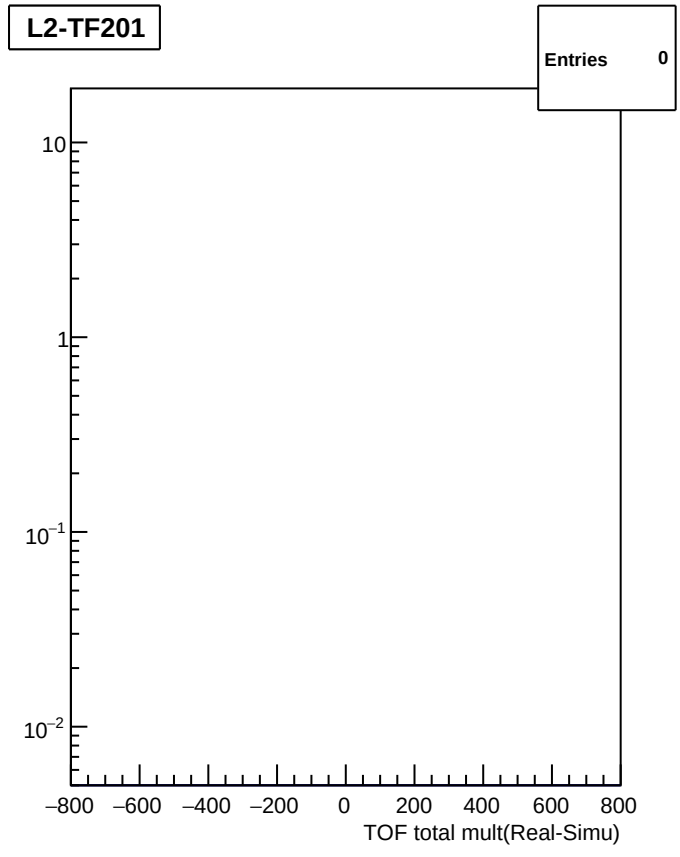

MIX-TF101
Entries 2135064
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

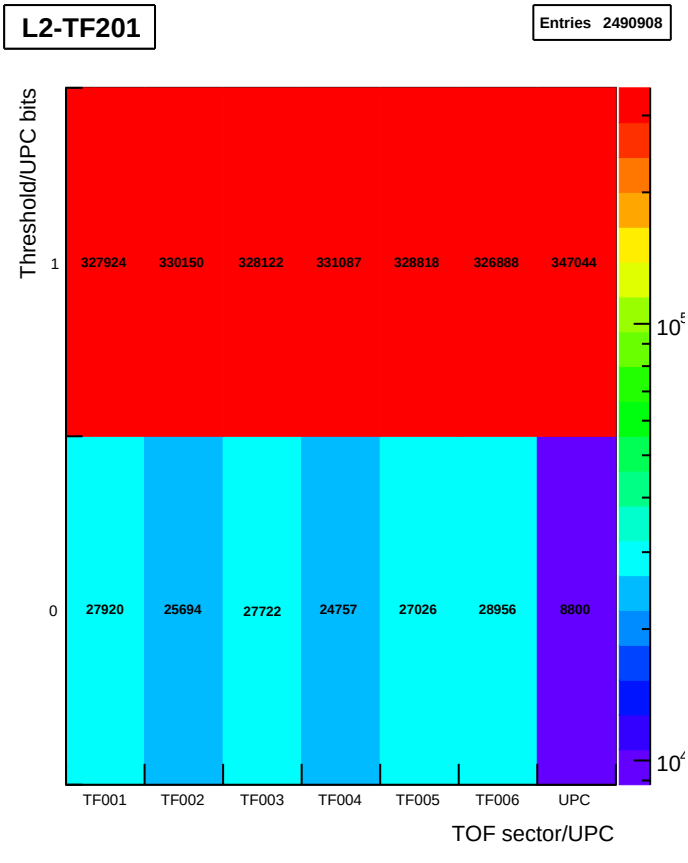

MIX-TF101
Entries 98287
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

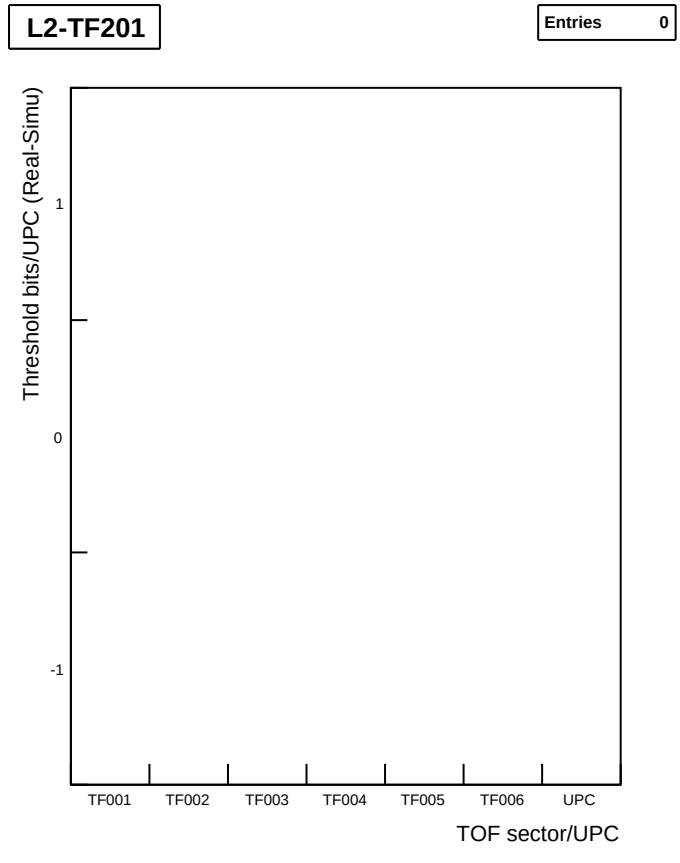

MIX-TF101
Entries 2135064
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

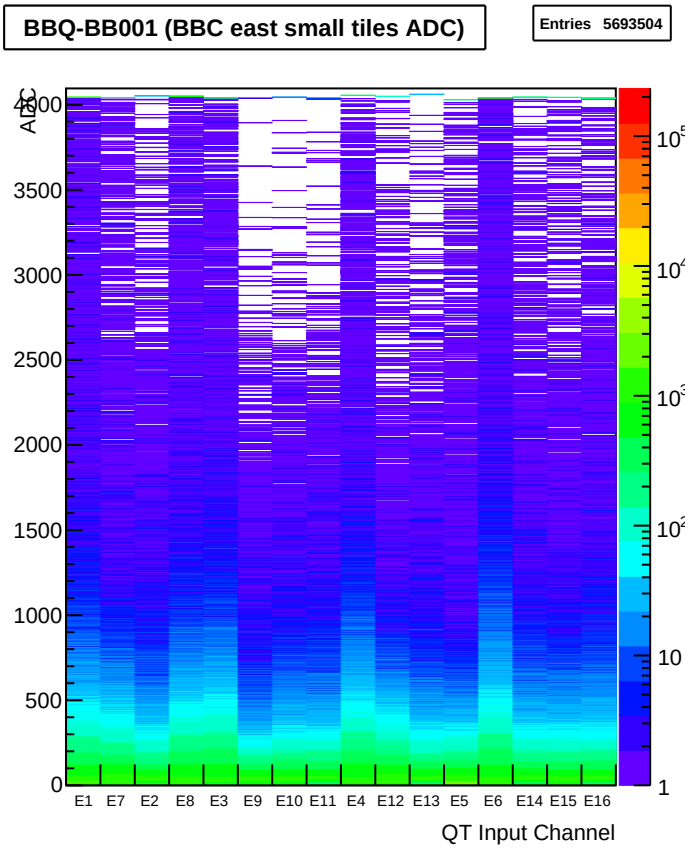

MIX-TF101
Entries 220673
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

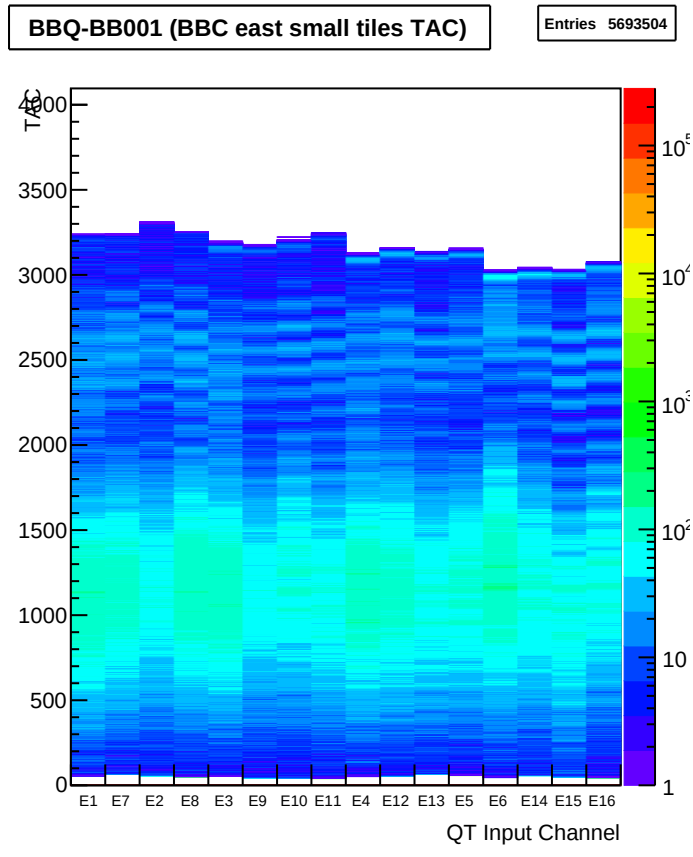

L2-TF201
Entries 355844
TOF total mult

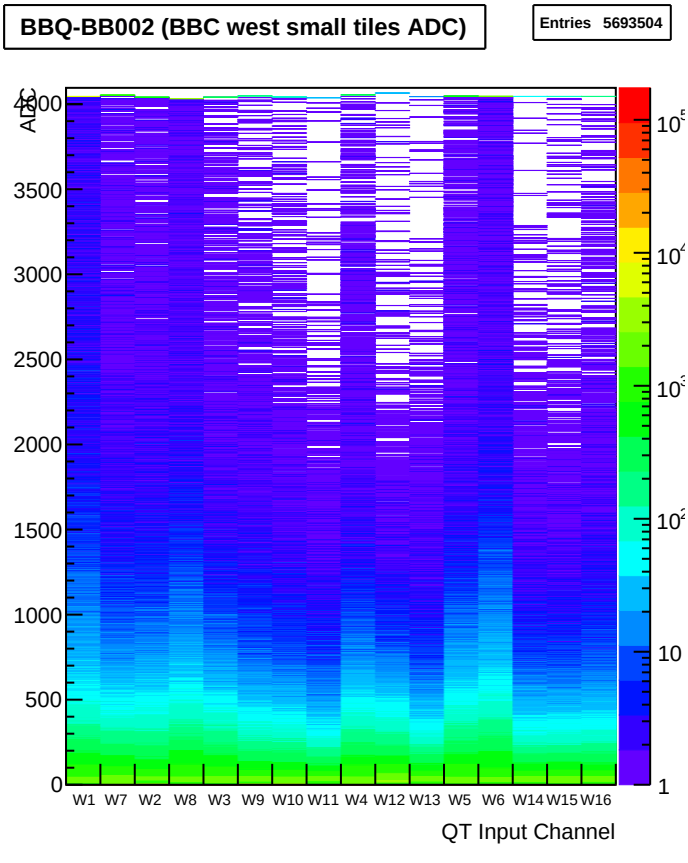

L2-TF201
Entries 0
TOF total mult(Real-Simu)

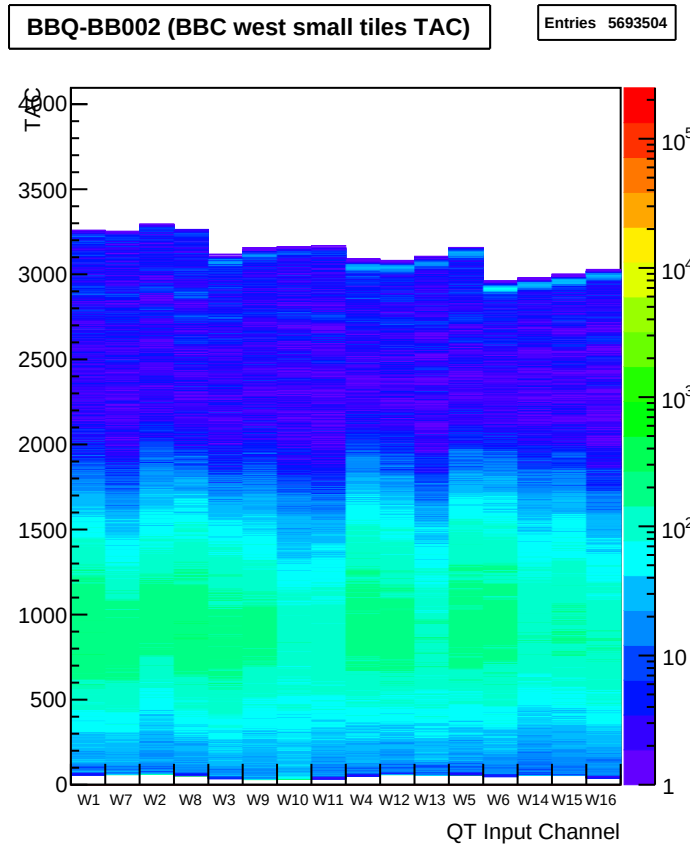

L2-TF201
Entries 2490908
Threshold/UPC bits
327924
330150
328122
331087
328818
326888
347044
27920
25694
27722
24757
27026
28956
8800
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

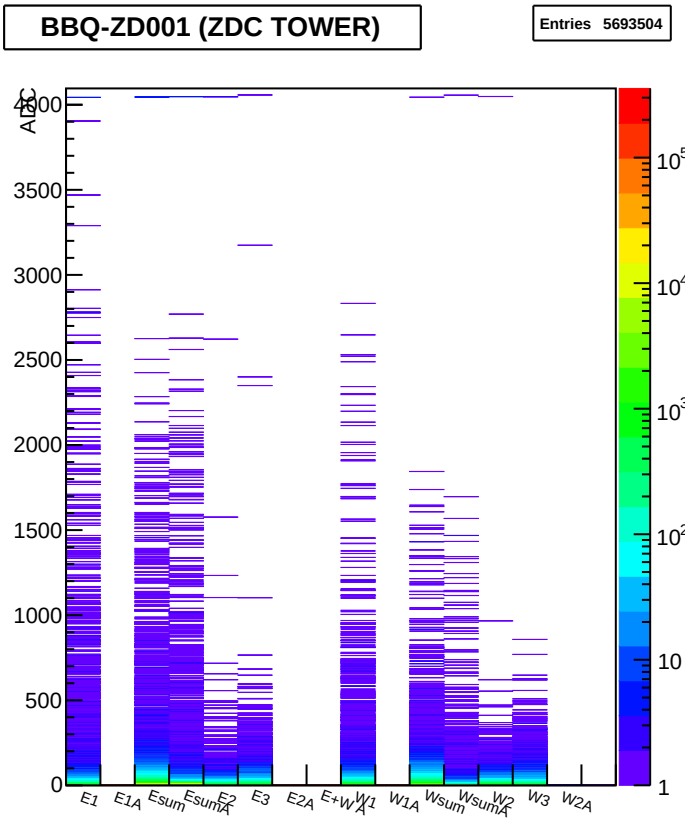

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

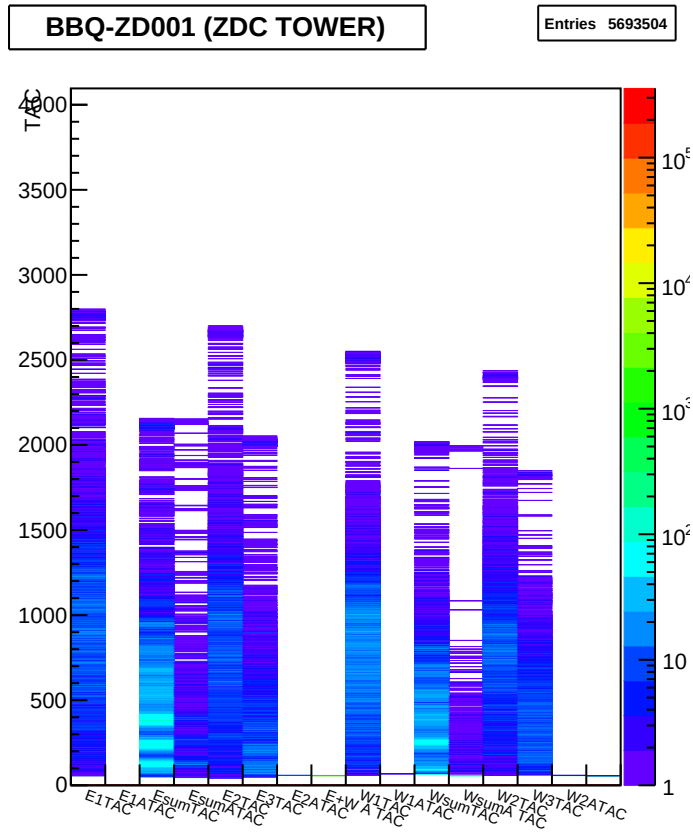

BBQ-BB001 (BBC east small tiles ADC)
Entries 5693504
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

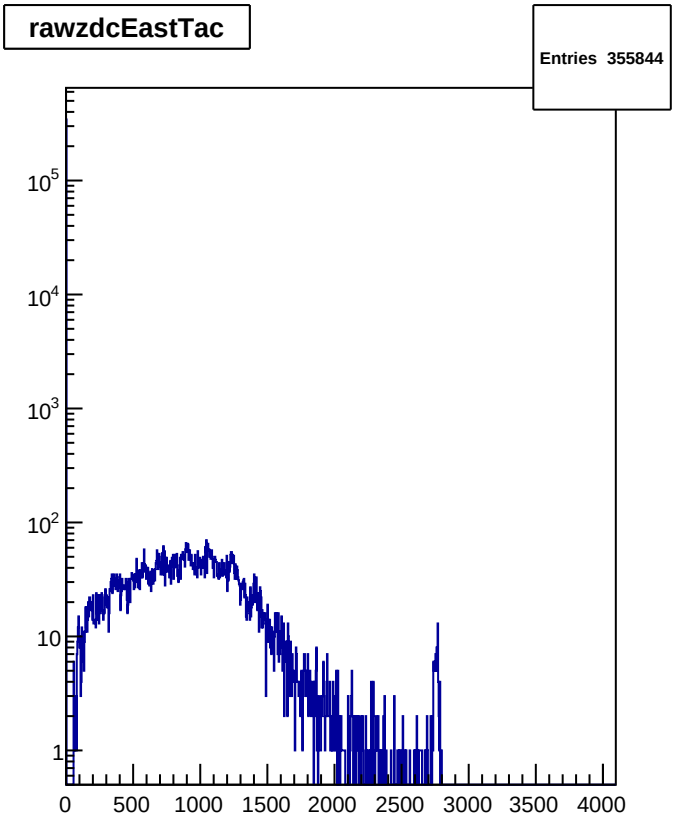

BBQ-BB001 (BBC east small tiles TAC)
Entries 5693504
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

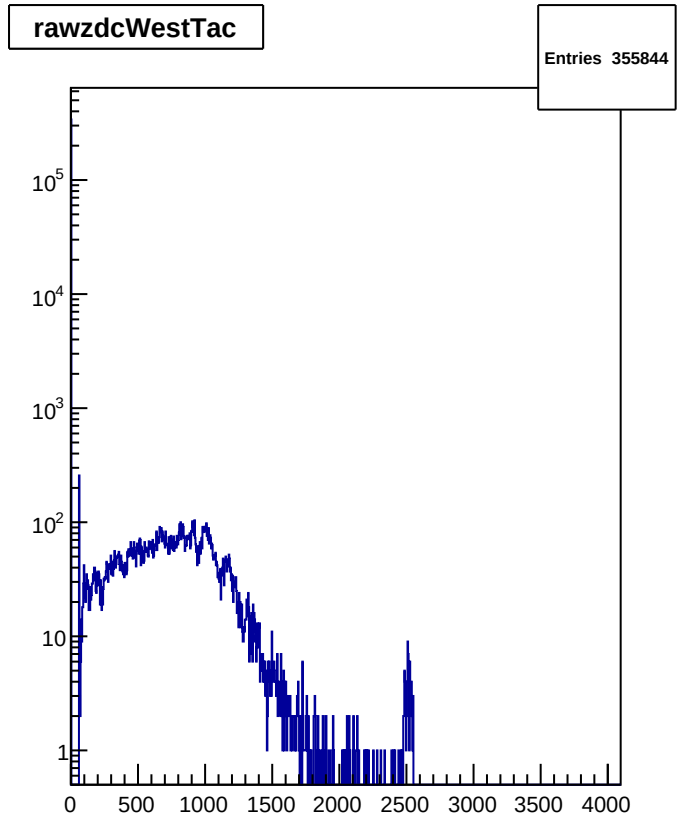

BBQ-BB002 (BBC west small tiles ADC)
Entries 5693504
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

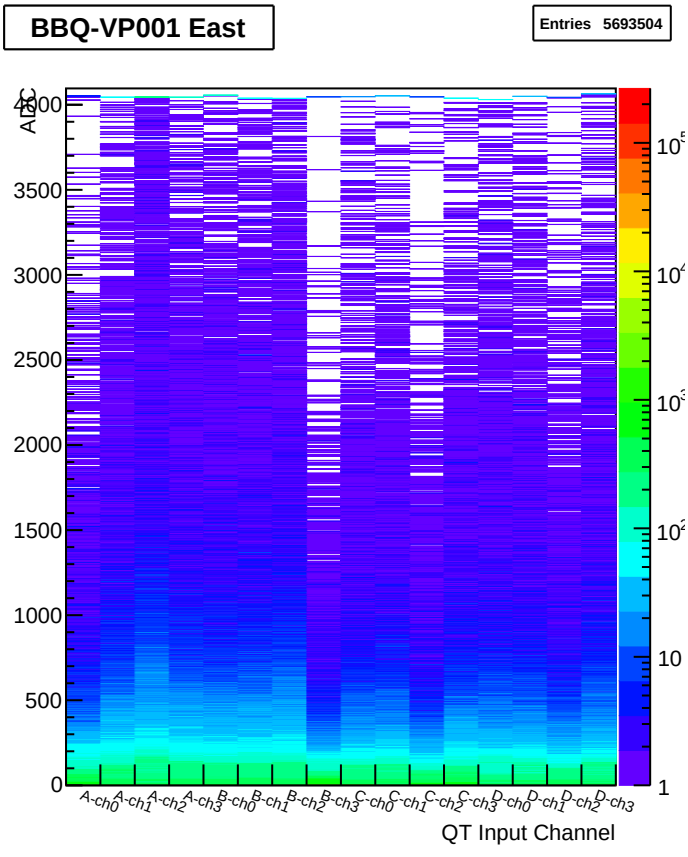

BBQ-BB002 (BBC west small tiles TAC)
Entries 5693504
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

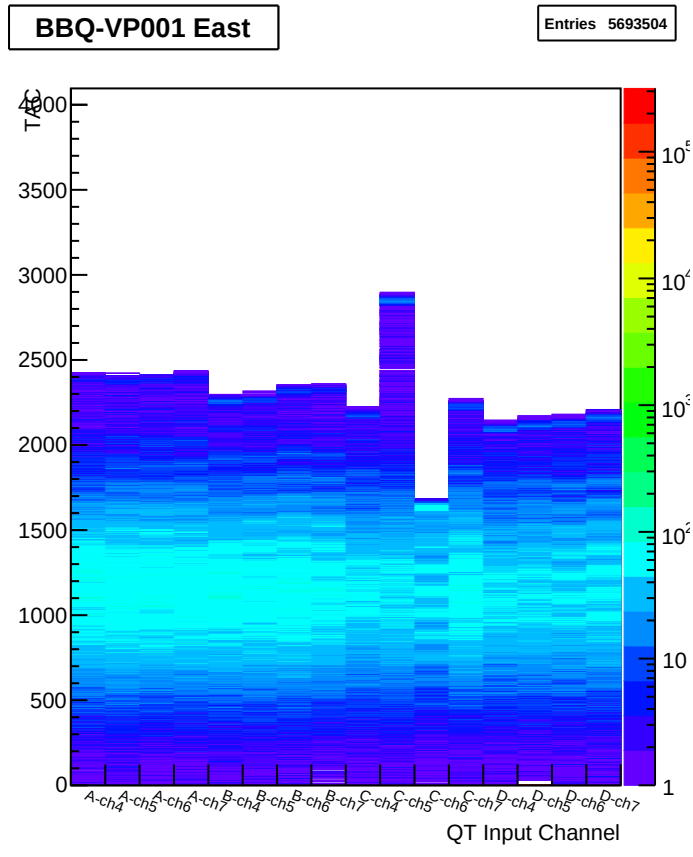

BBQ-ZD001 (ZDC TOWER)
Entries 5693504
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

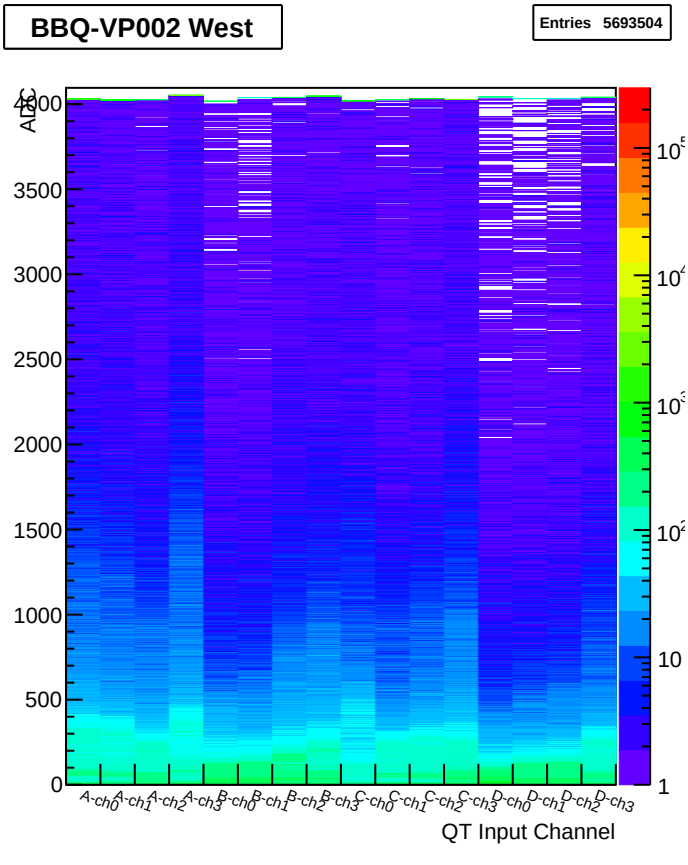

BBQ-ZD001 (ZDC TOWER)
Entries 5693504
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

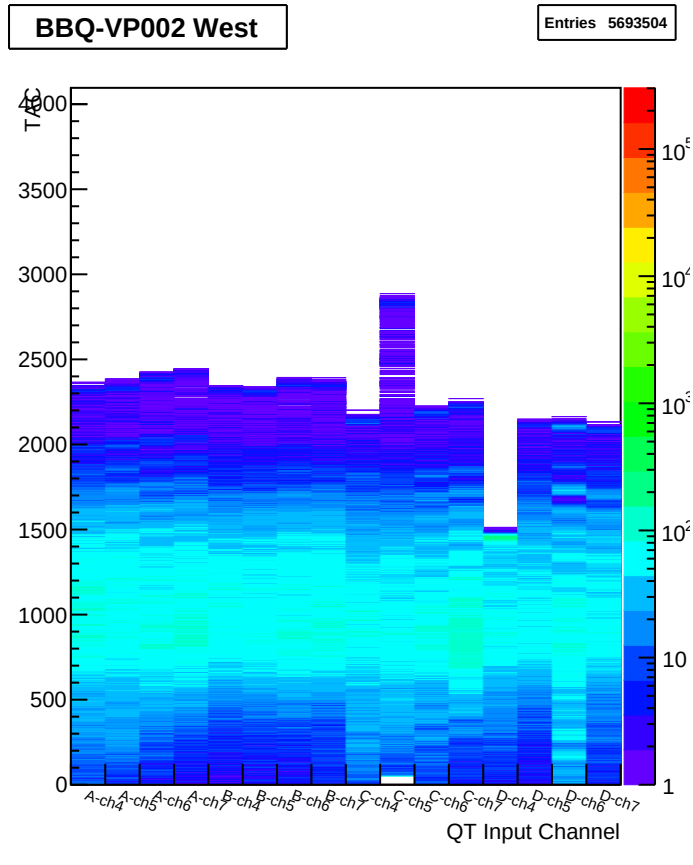

rawzdcEastTac
Entries 355844

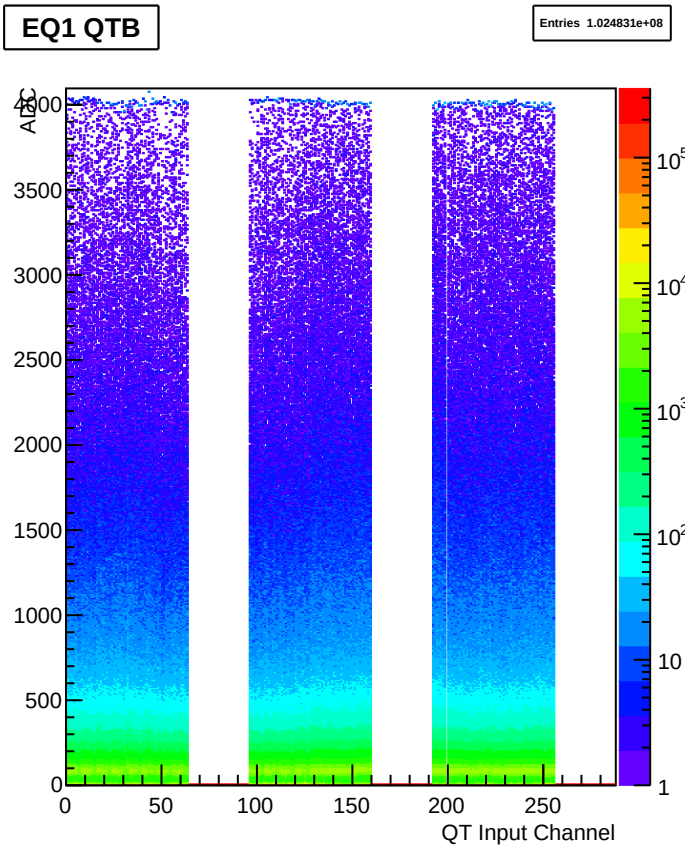

rawzdcWestTac
Entries 355844

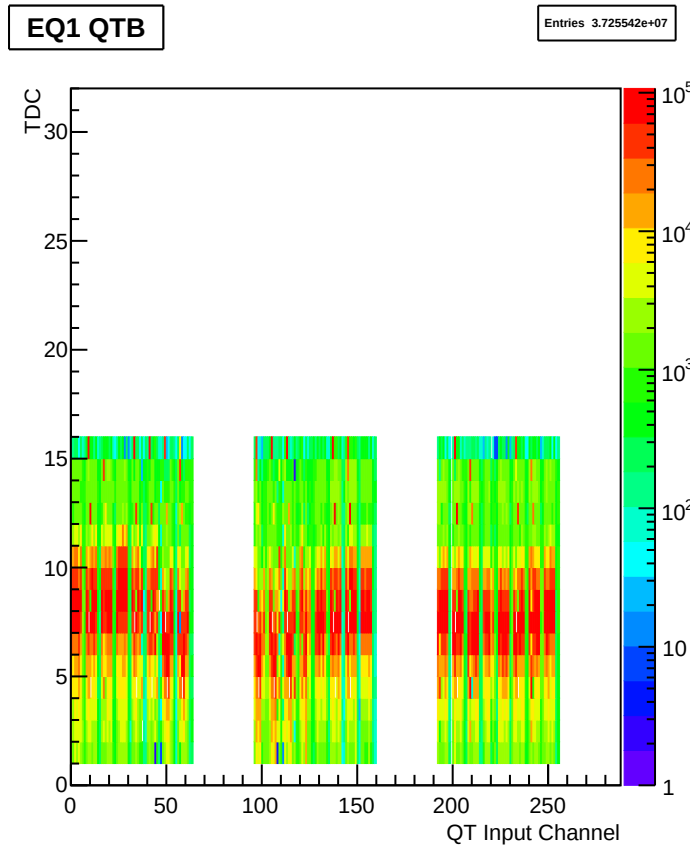

BBQ-VP001 East
Entries 5693504
ADC
QT Input Channel

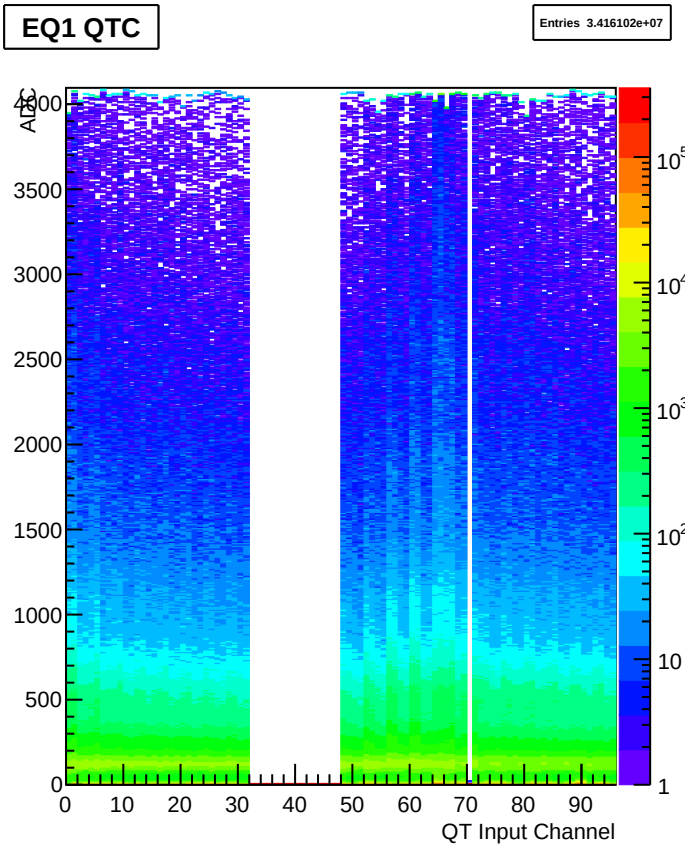

BBQ-VP001 East
Entries 5693504
TADC
QT Input Channel

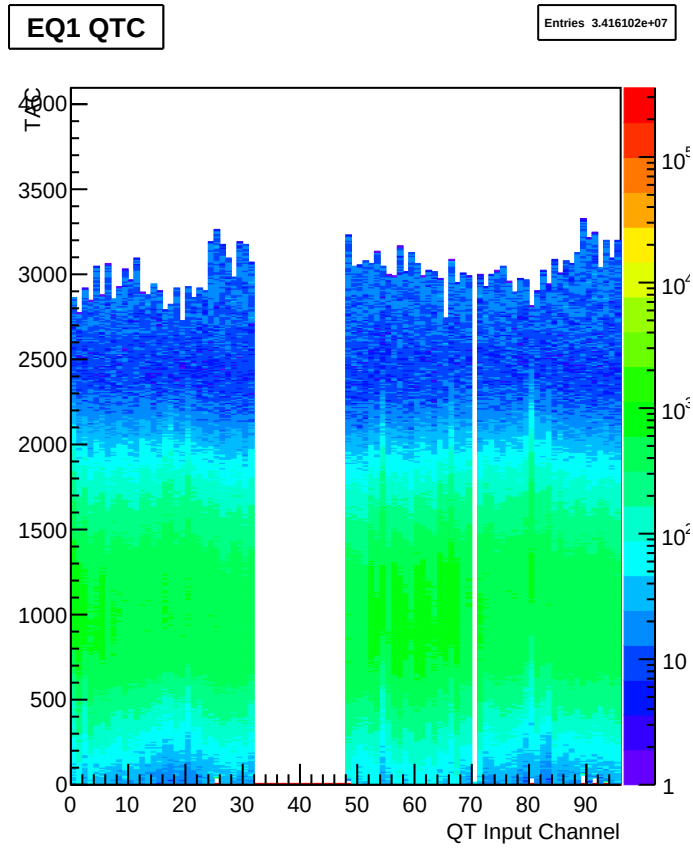

BBQ-VP002 West
Entries 5693504
ADC
QT Input Channel

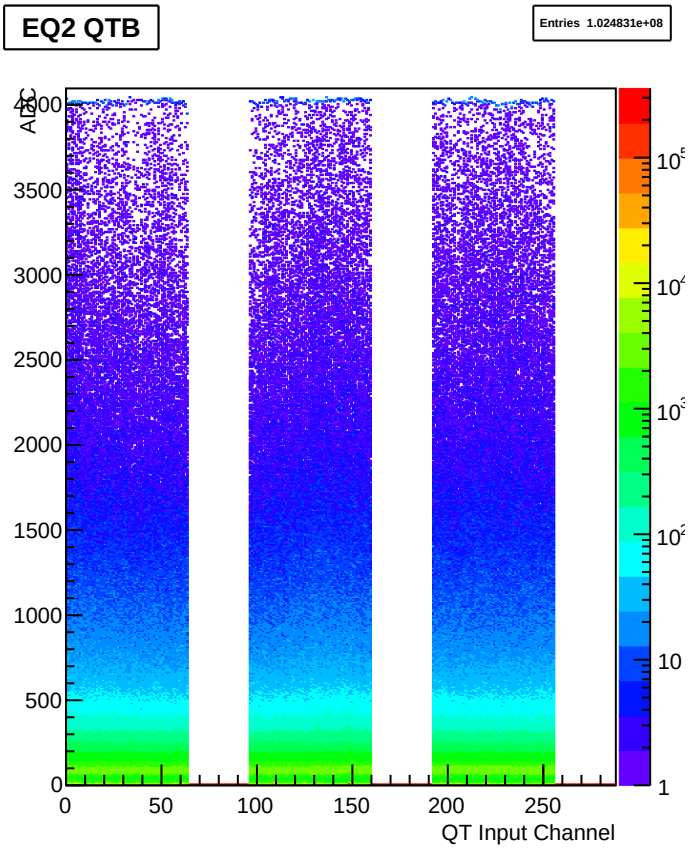

BBQ-VP002 West
Entries 5693504
TADC
QT Input Channel

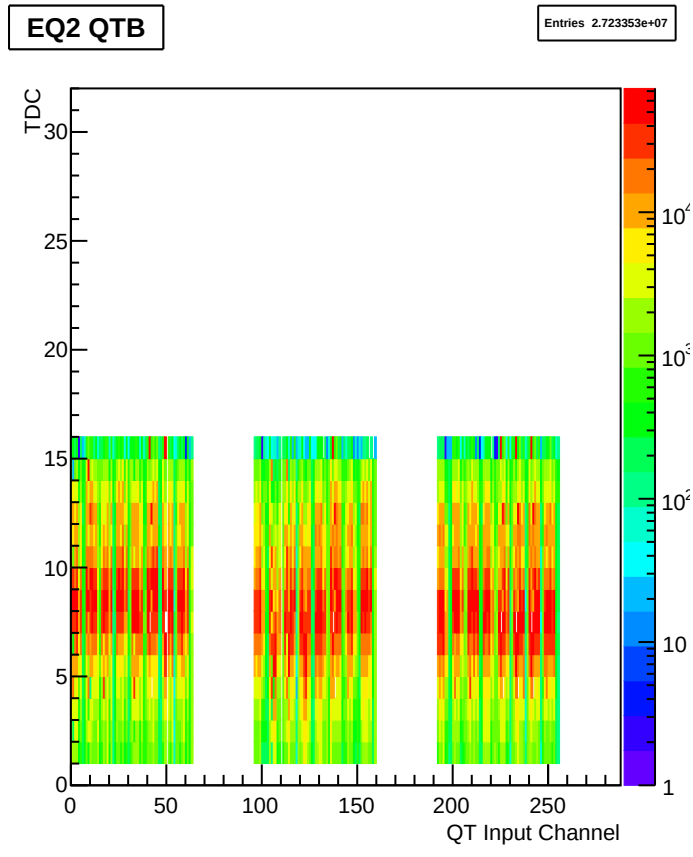

EQ1 QTB
Entries 1.024831e+08
ADC
QT Input Channel

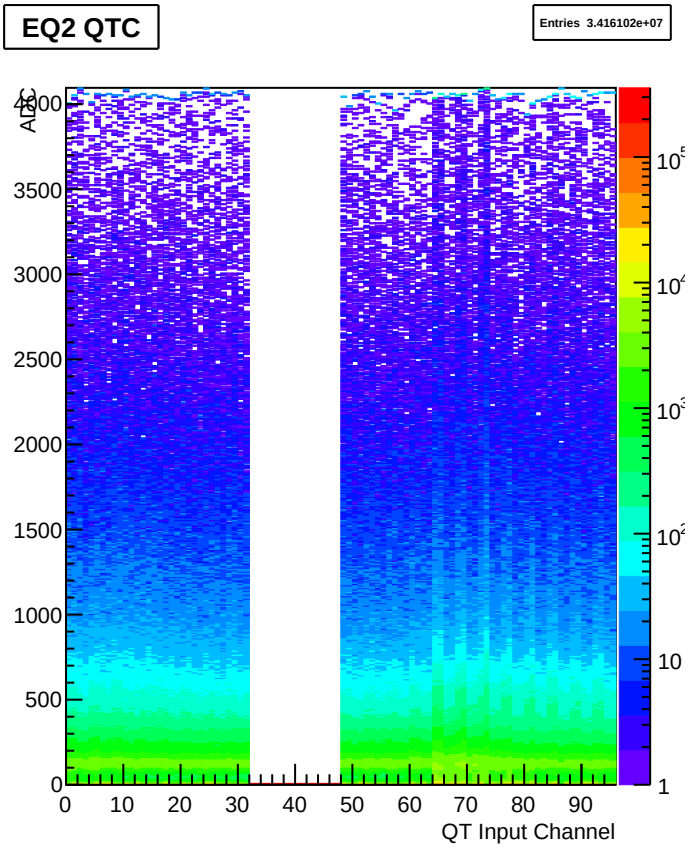

EQ1 QTB
Entries 3.725542e+07
TDC
QT Input Channel

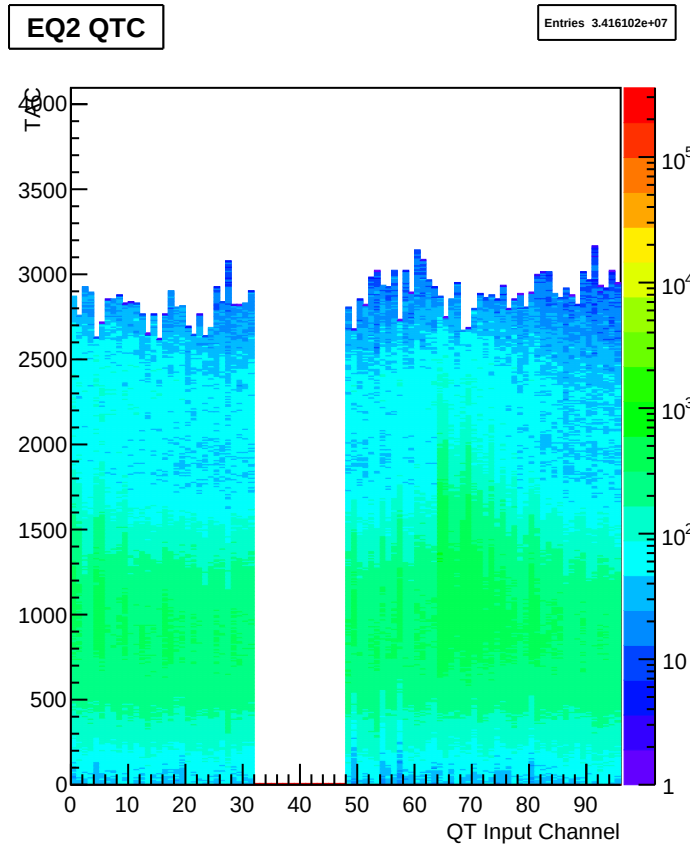

EQ1 QTC
Entries 3.416102e+07
ADC
QT Input Channel

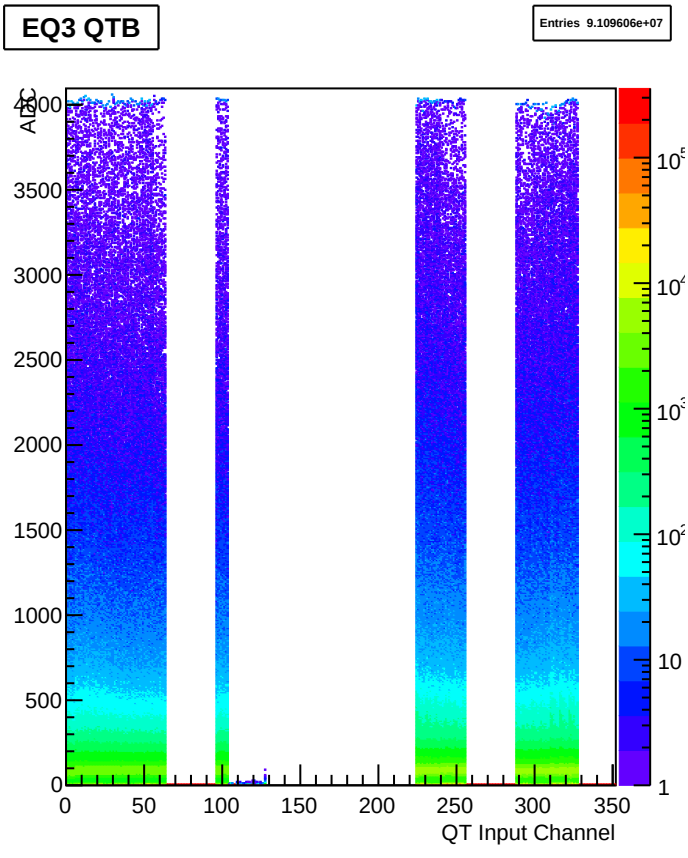

EQ1 QTC
Entries 3.416102e+07
TADC
QT Input Channel

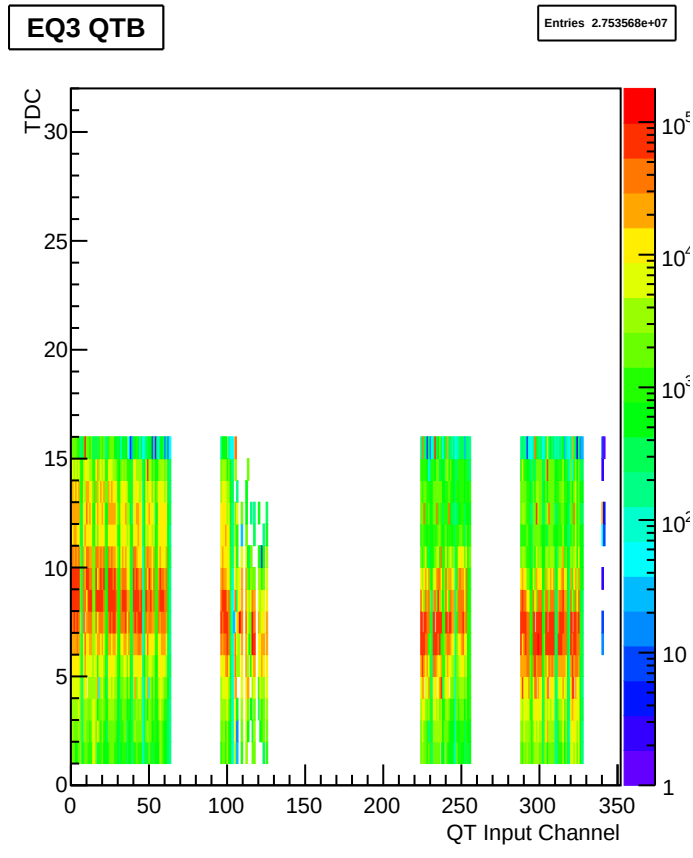

EQ2 QTB
Entries 1.024831e+08
ADC
QT Input Channel

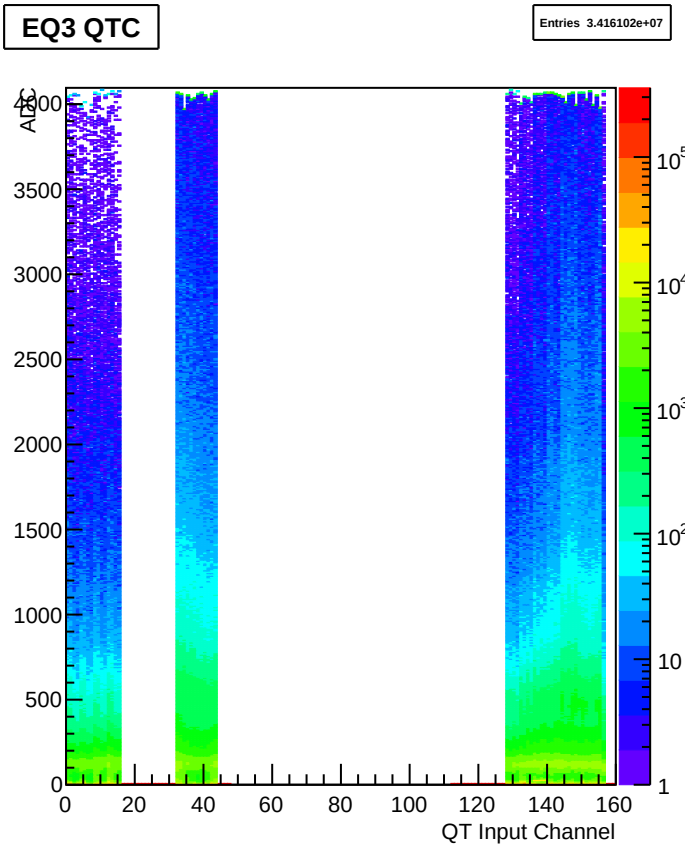

EQ2 QTB
Entries 2.723353e+07
TDC
QT Input Channel

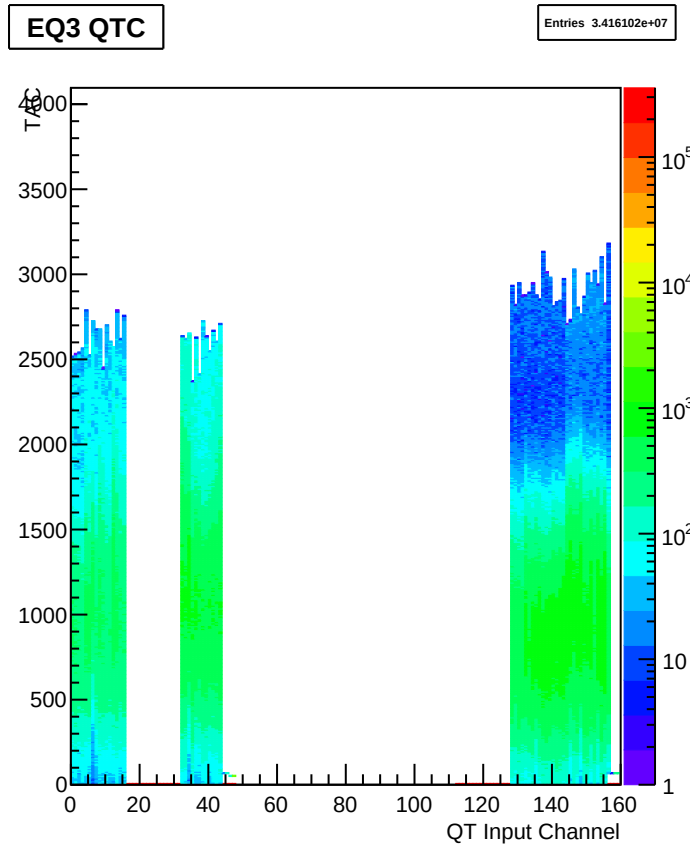

EQ2 QTC
Entries 3.416102e+07
ADC
QT Input Channel

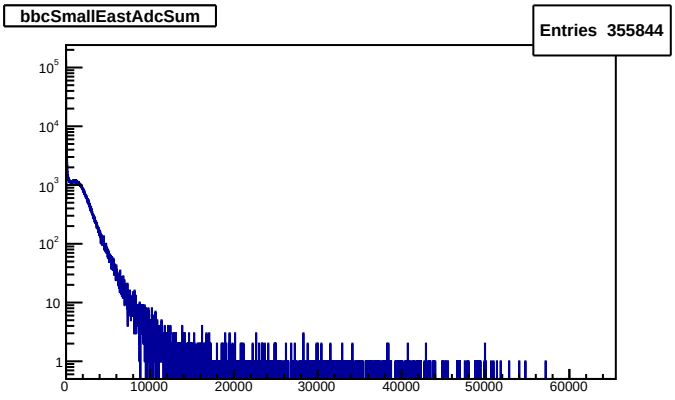

EQ2 QTC
Entries 3.416102e+07
TADC
QT Input Channel

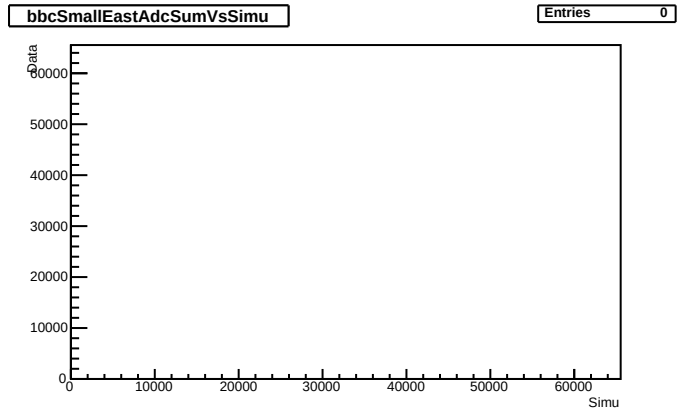

EQ3 QTB
Entries 9.109606e+07
ADC
QT Input Channel

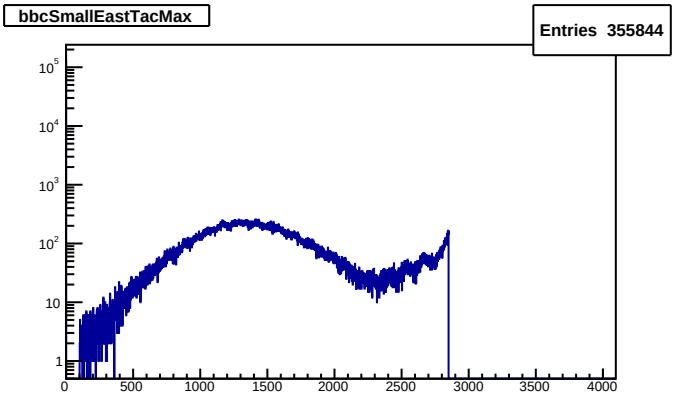

EQ3 QTB
Entries 2.753568e+07
TDC
QT Input Channel

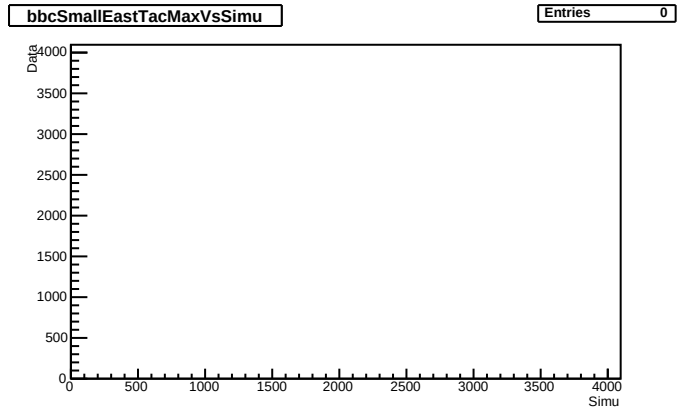

EQ3 QTC
Entries 3.416102e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.416102e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 355844


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 355844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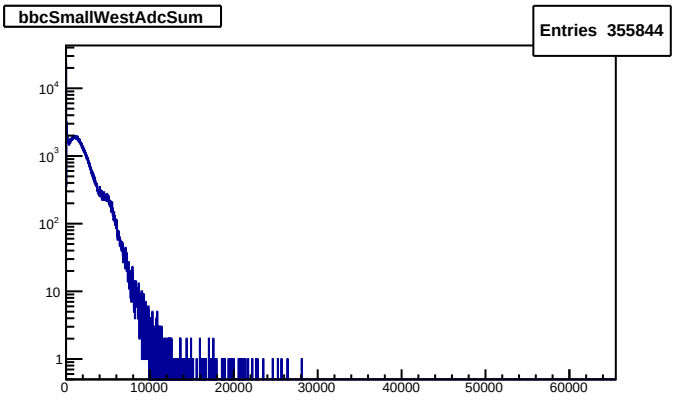
Entries 0
Data
Simu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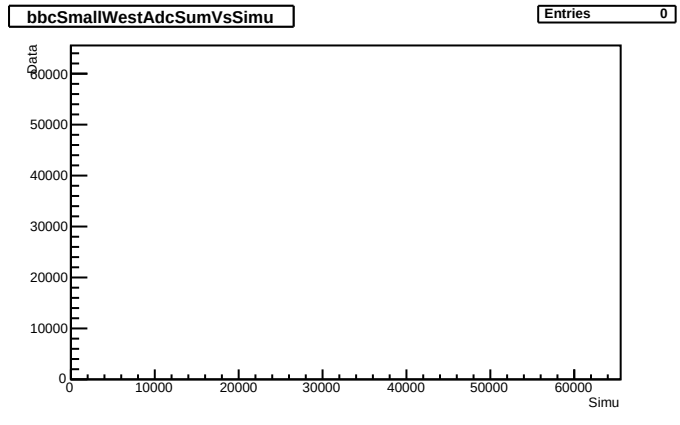
Entries 355844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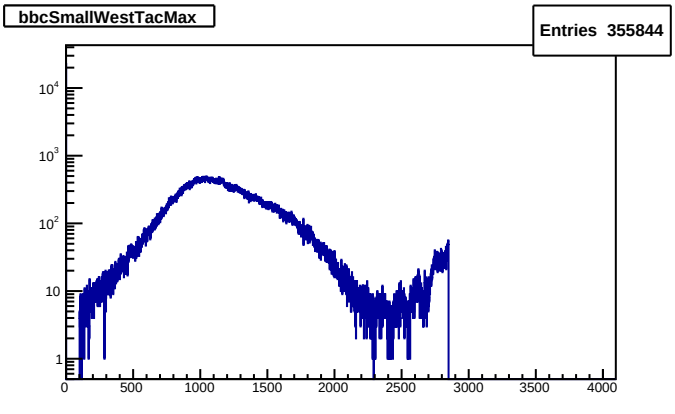
Entries 0
Data
Simu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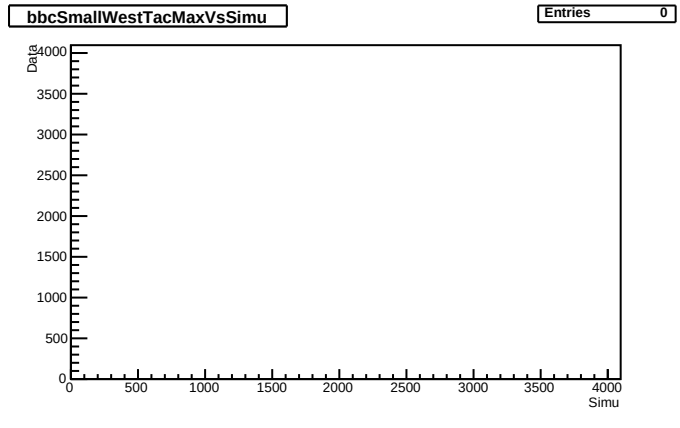
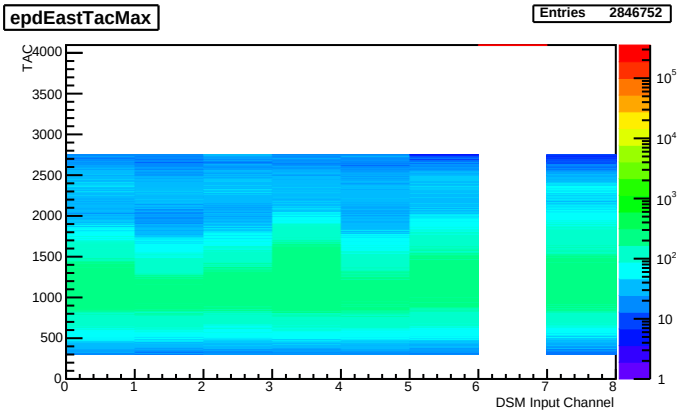
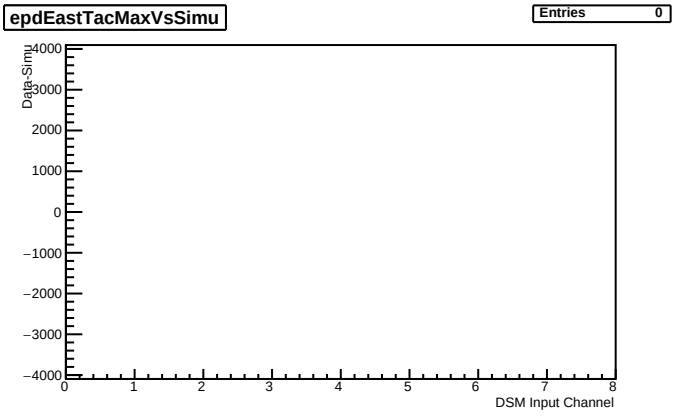
Entries 355844


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 2846752
TAC
DSM Input Channel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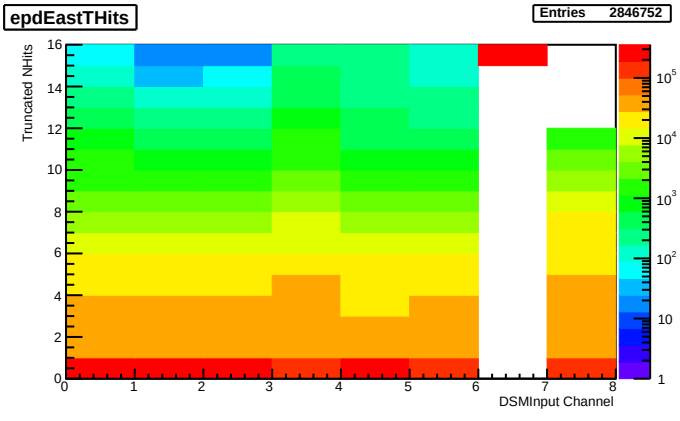
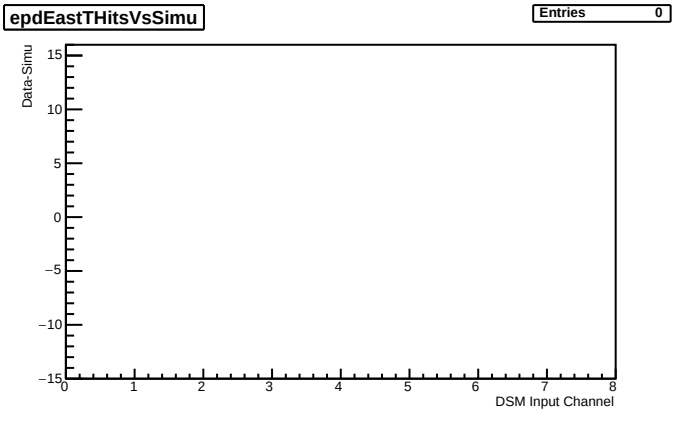
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2846752
Truncated NHits
DSMInput Channel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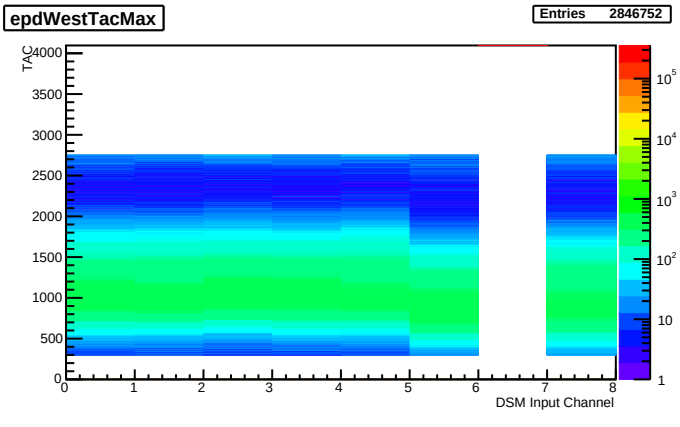
Data-Simu
DSM Input Channel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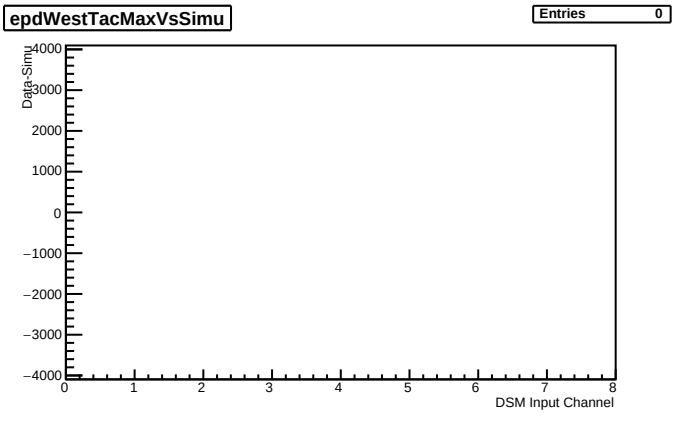
DSM Input Channel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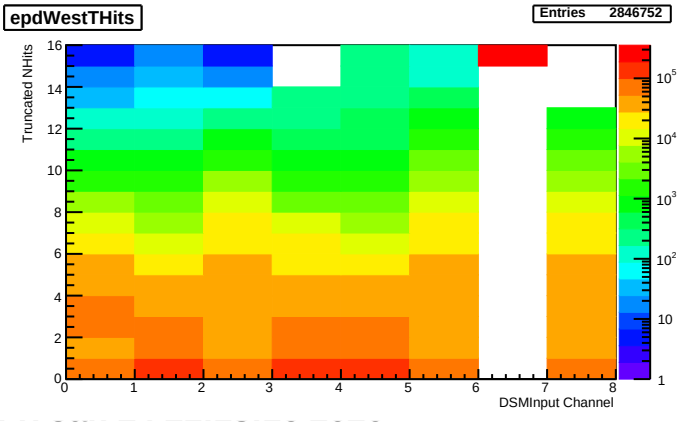
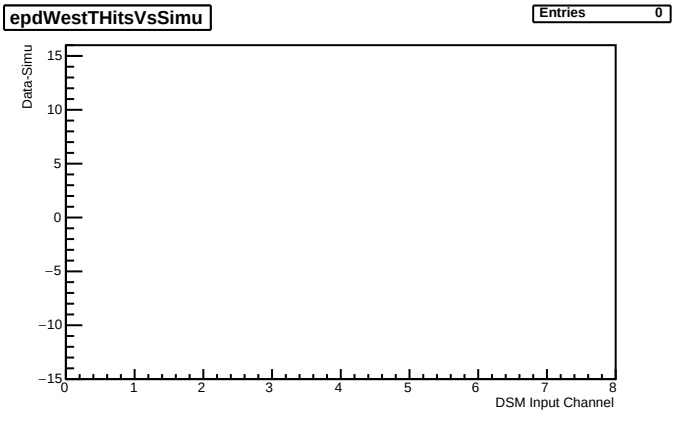
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2846752
Truncated NHits
DSMInput Channel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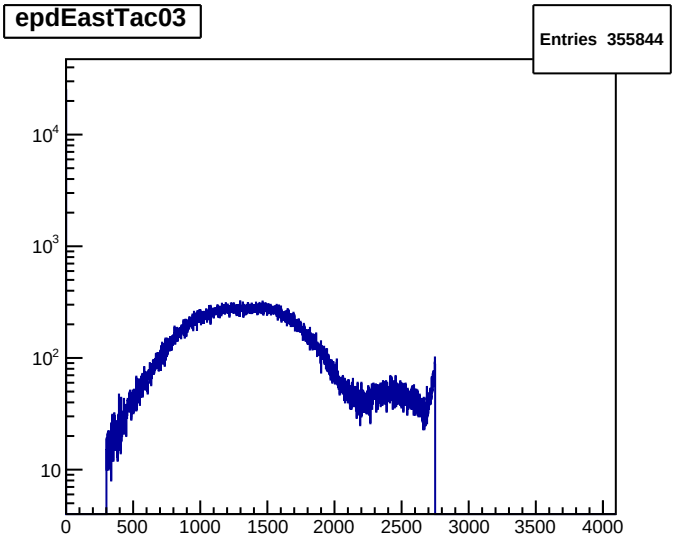
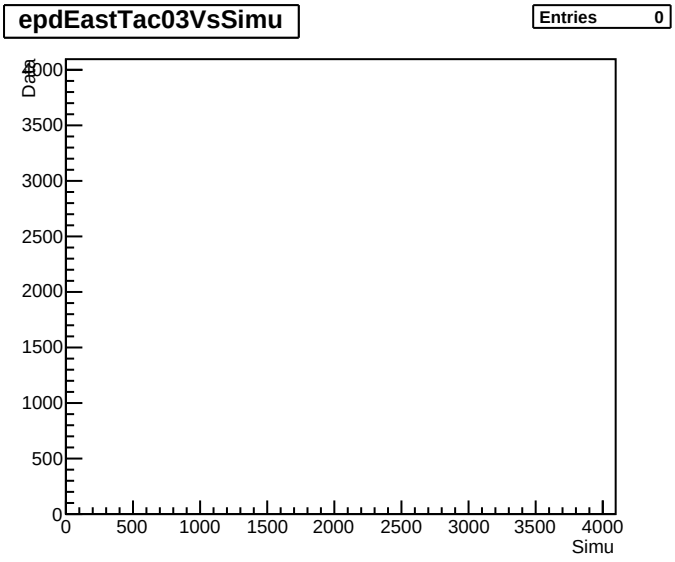
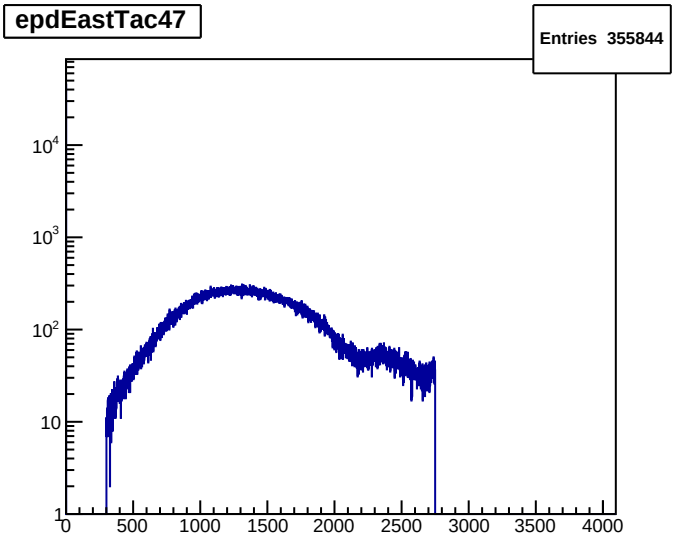
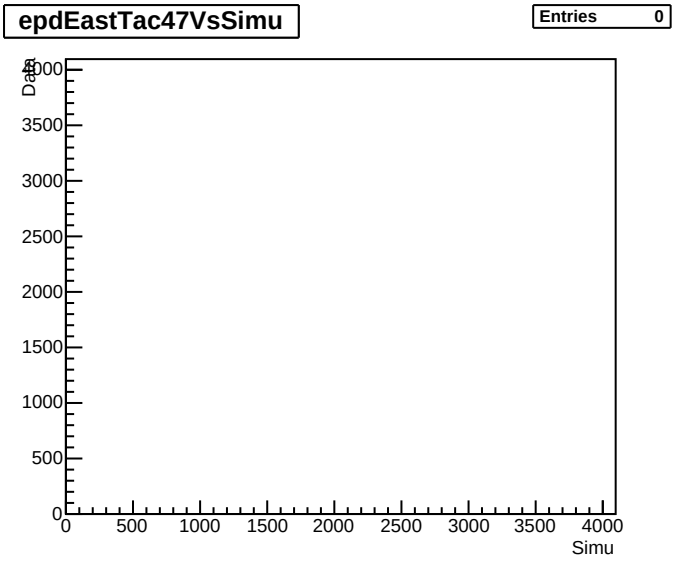
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 355844
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastTac47
Entries 355844
10^4
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000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Entries 0
Data
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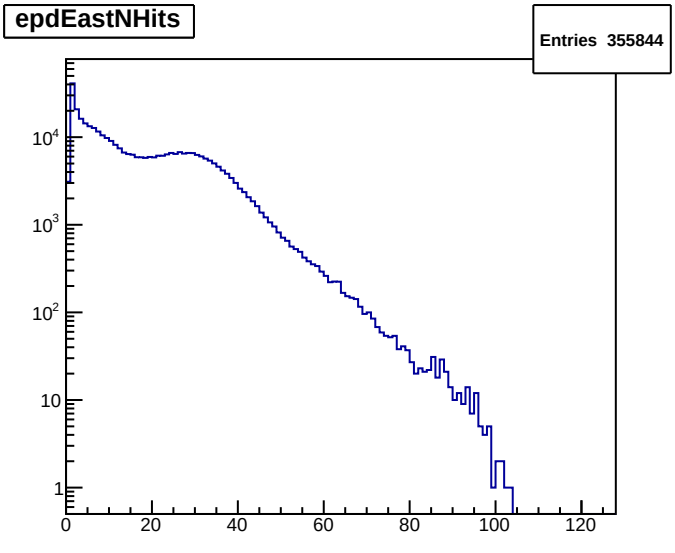
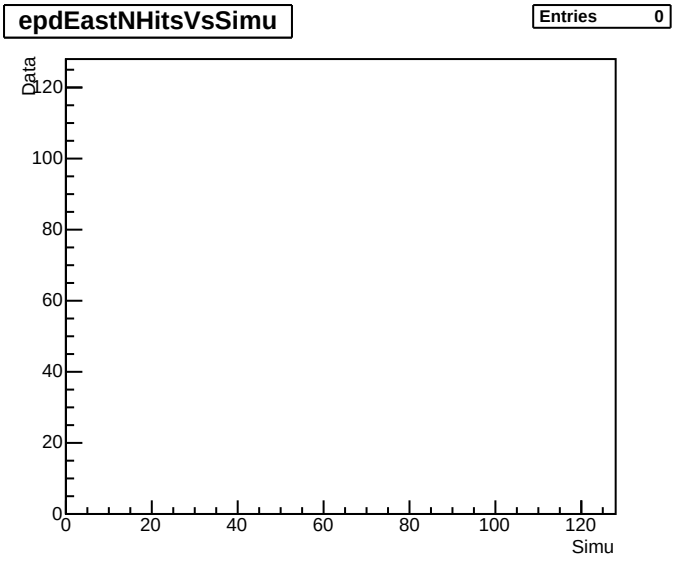
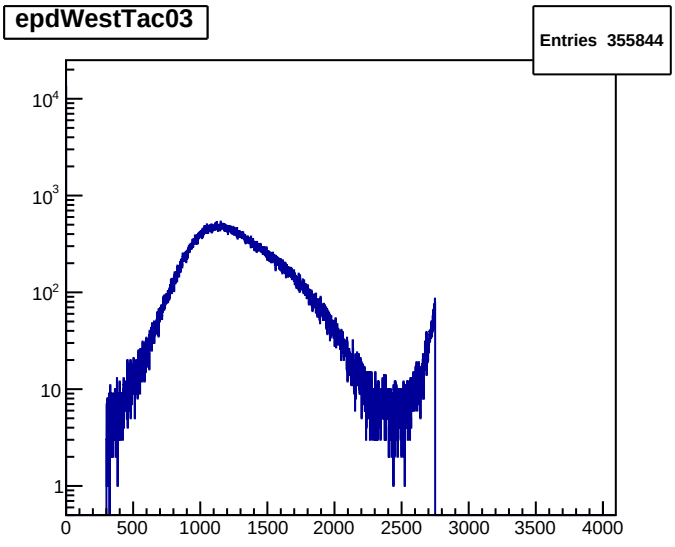
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 355844
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu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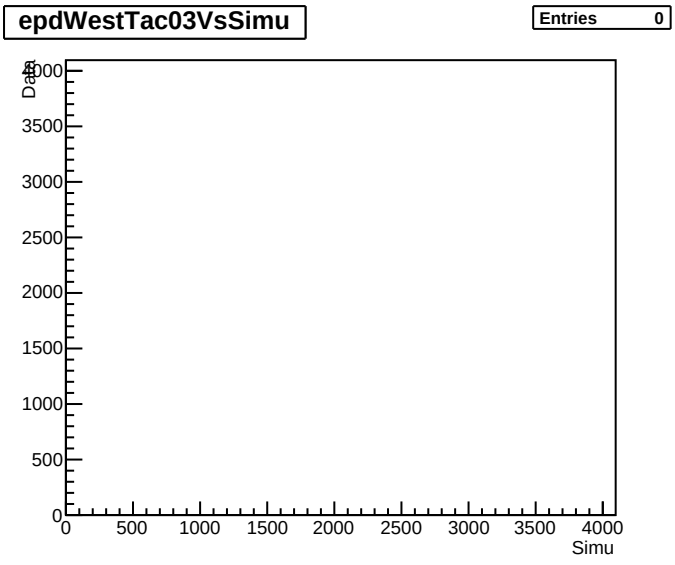
Entries 355844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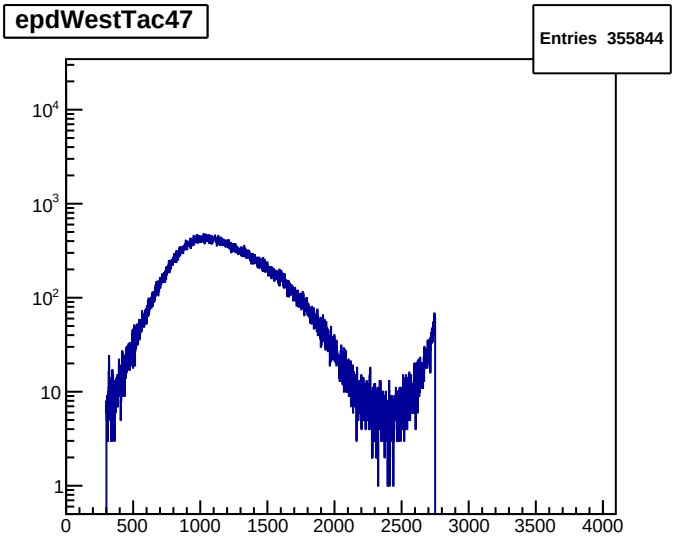
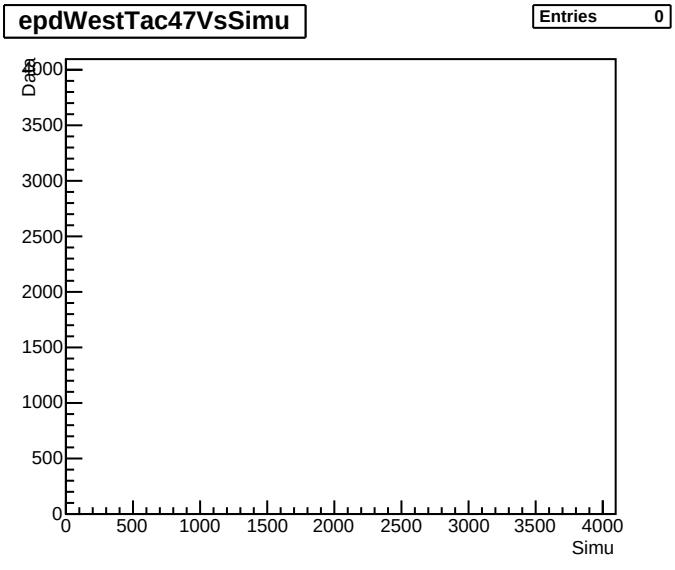
Data
Simu


epdWestTac47
Entries 355844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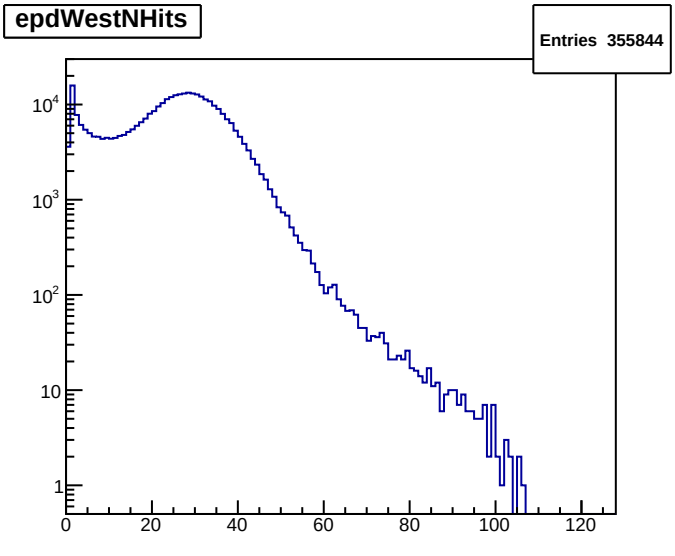
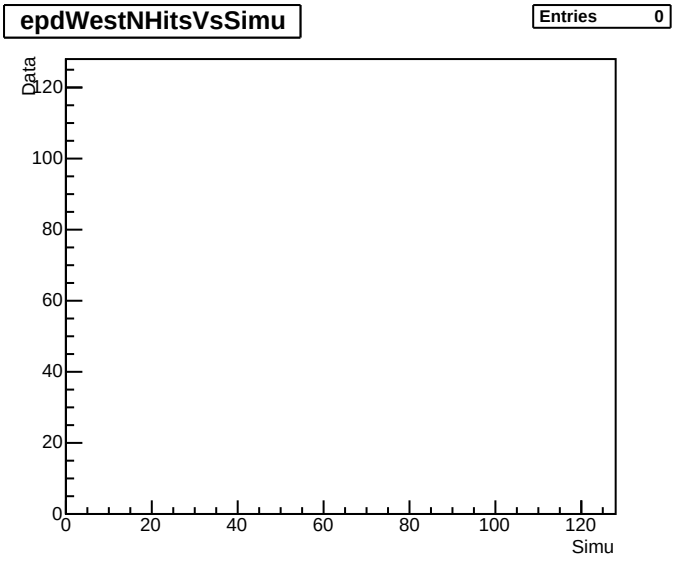
Entries 0
Data
Simu


epdWestNHits
Entries 355844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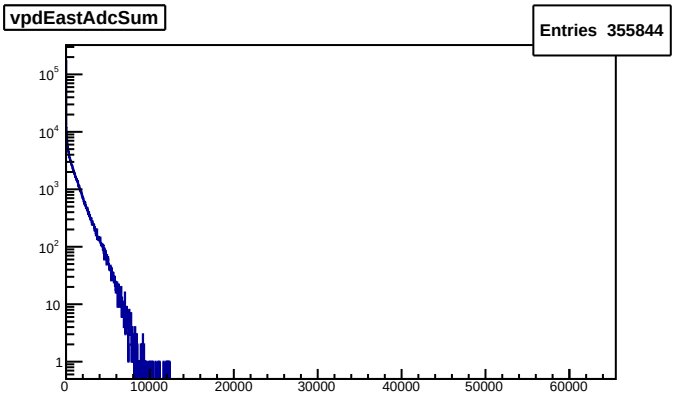
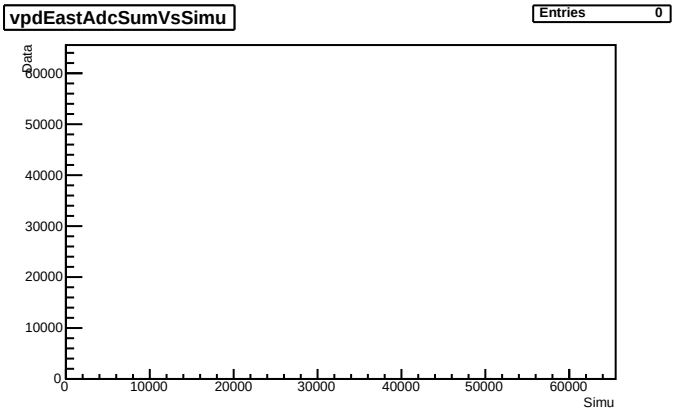
Entries 0
Data
Simu


vpdEastAdcSum
Entries 355844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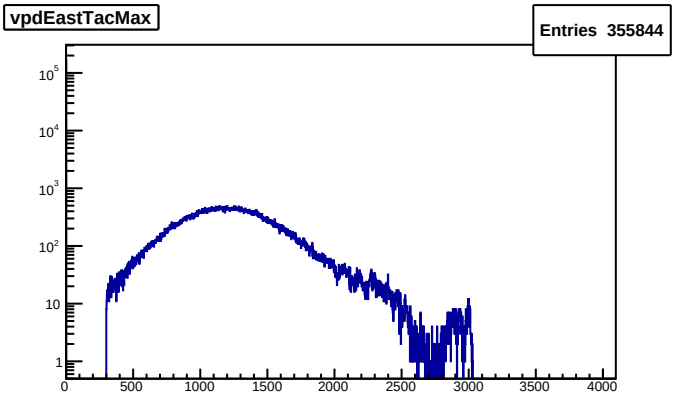
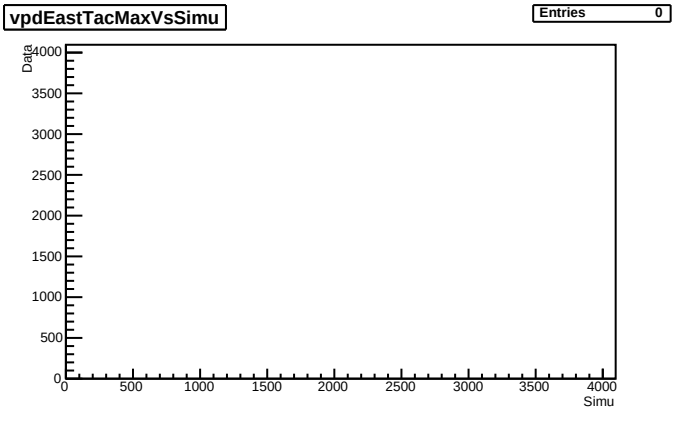
Entries 0
Data
Simu


vpdEastTacMax
Entries 355844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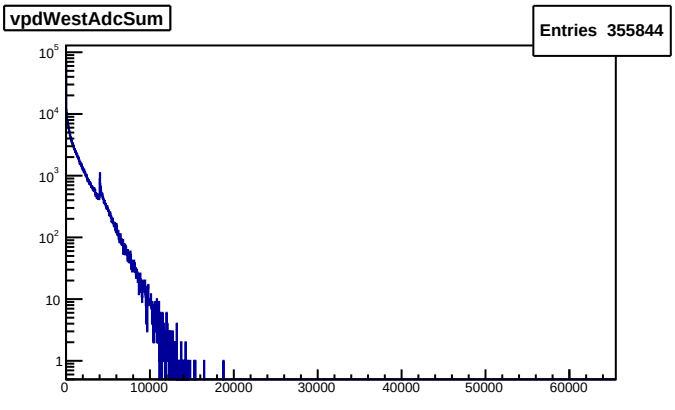
Data
Simu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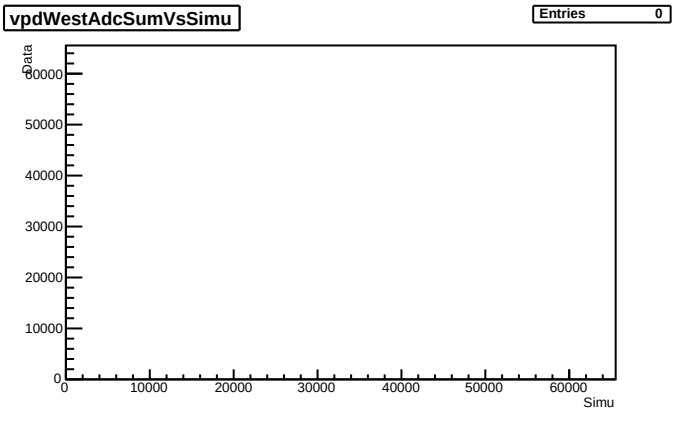
Entries 355844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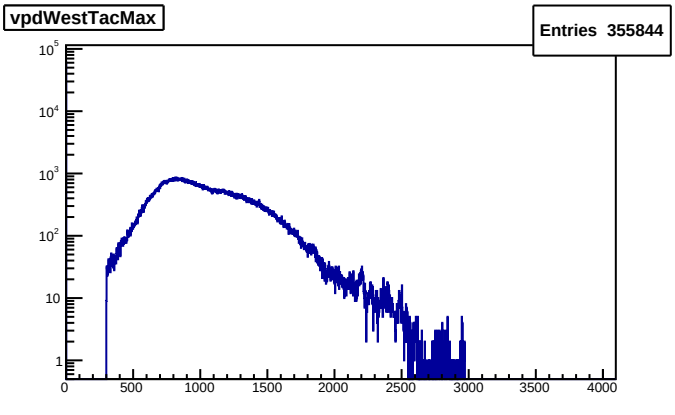
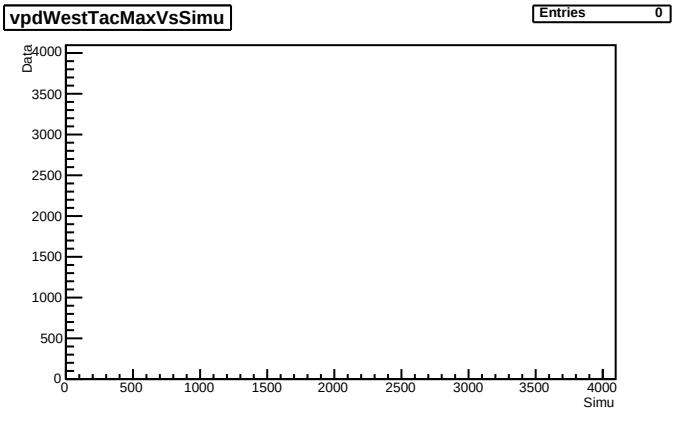
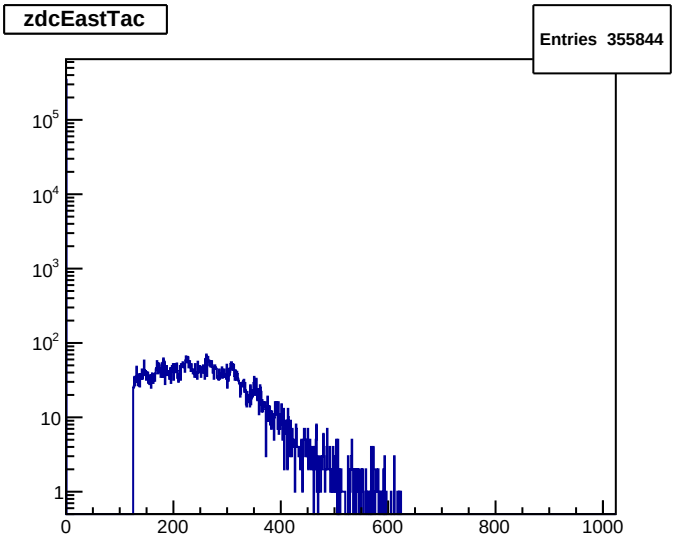
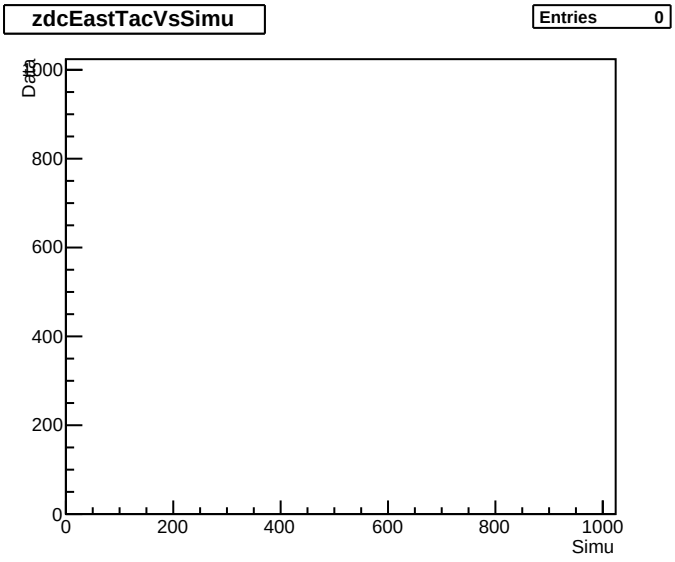
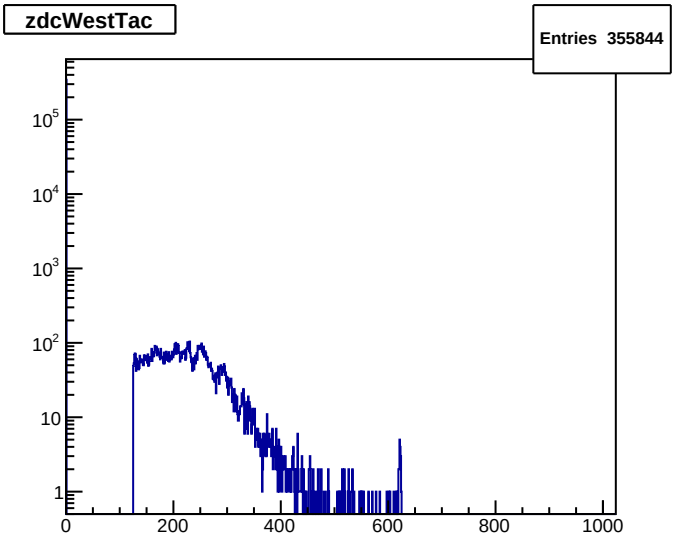
Entries 0
Data
Simu

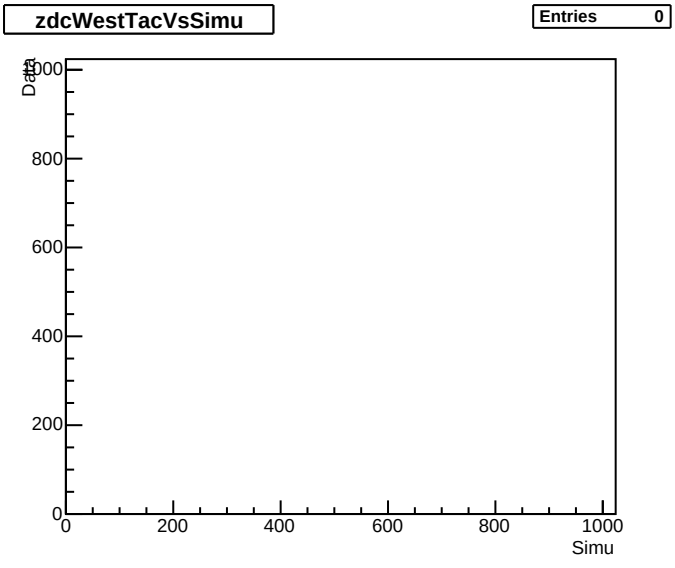

vpdWestTacMax
Entries 355844

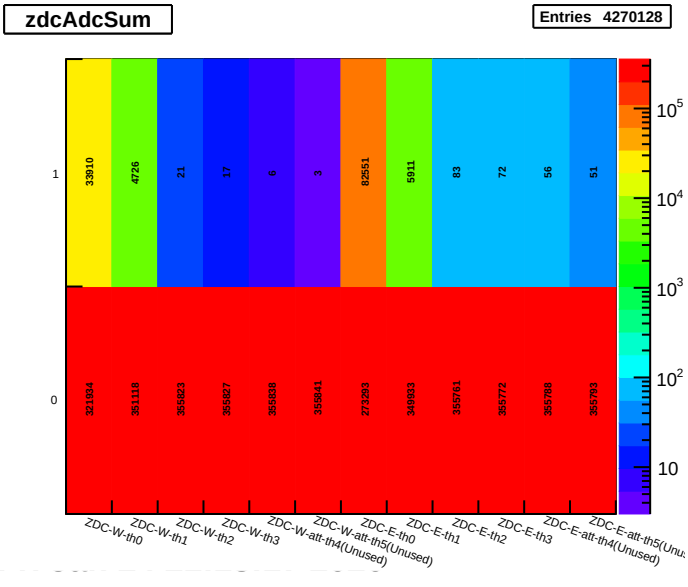

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

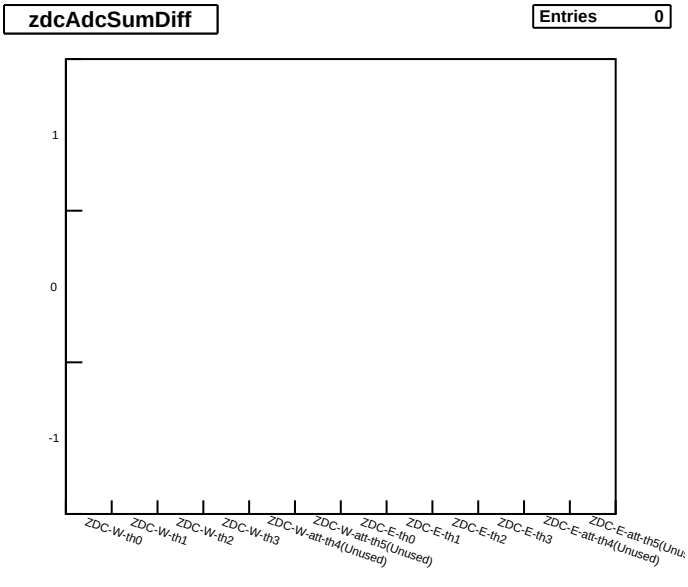

zdcEastTac
Entries 355844
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

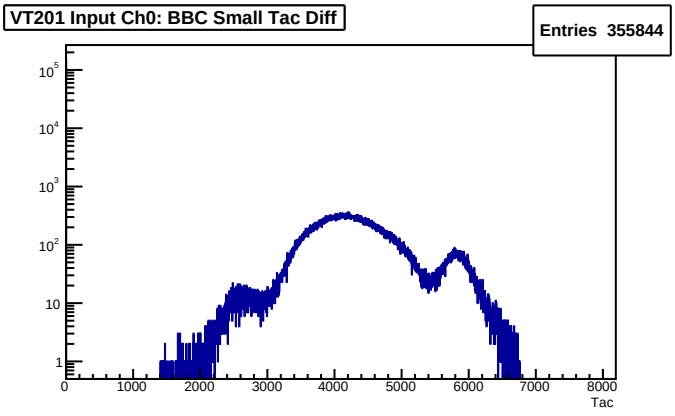

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

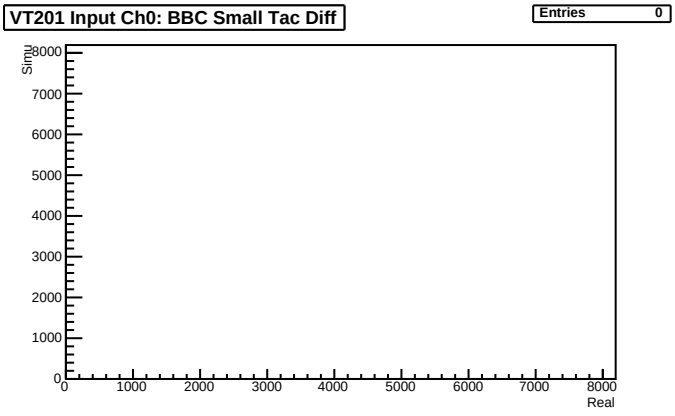

zdcWestTac
Entries 355844
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

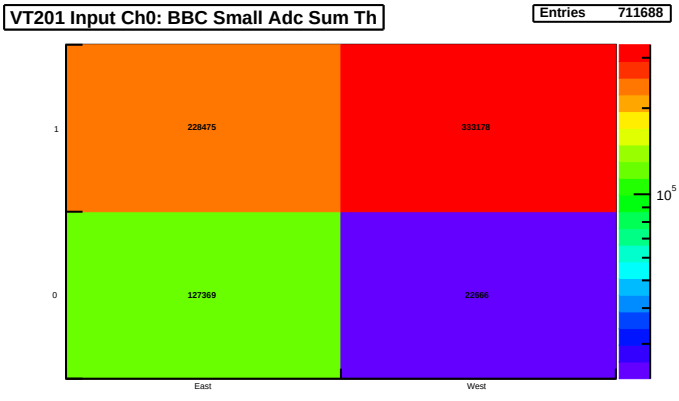

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

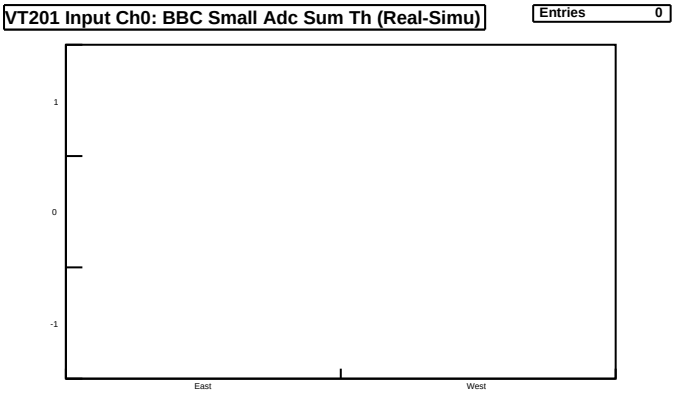

zdcAdcSum
Entries 4270128
1
0
33910
4726
21
17
6
3
82551
5911
83
72
56
51
321934
351118
355823
355827
355838
355841
273293
349833
355761
355772
355788
355793
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

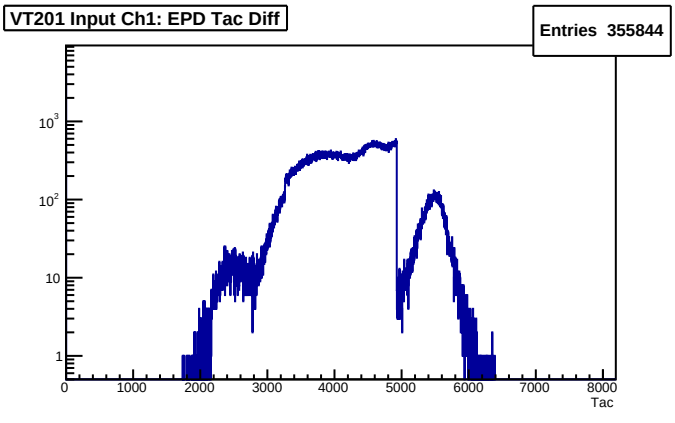

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

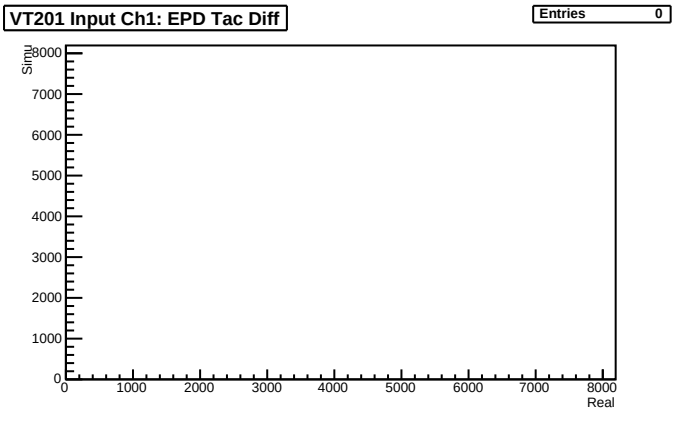

VT201 Input Ch0: BBC Small Tac Diff
Entries 355844
Tac

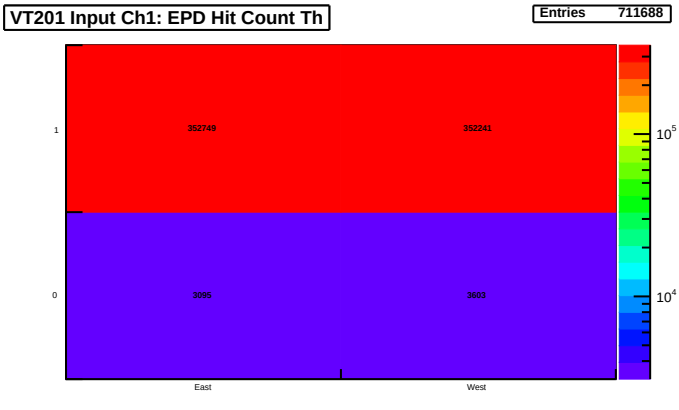

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

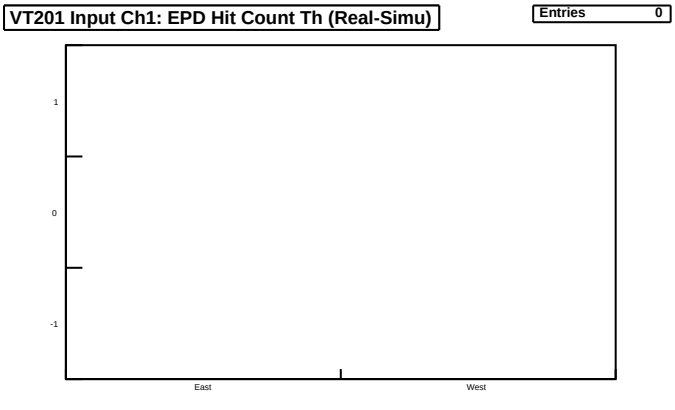

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 711688
228475
333178
127369
22666
East
West

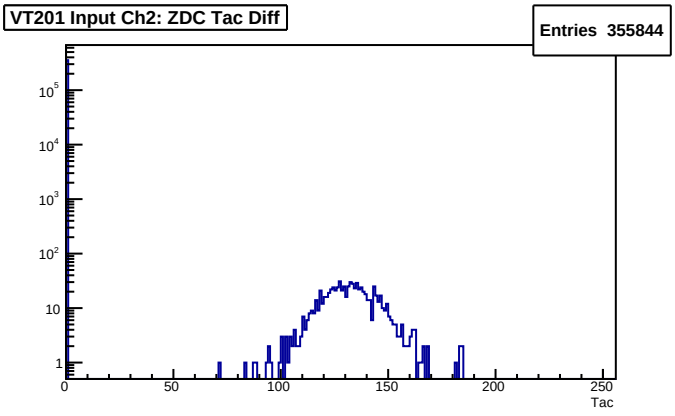

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

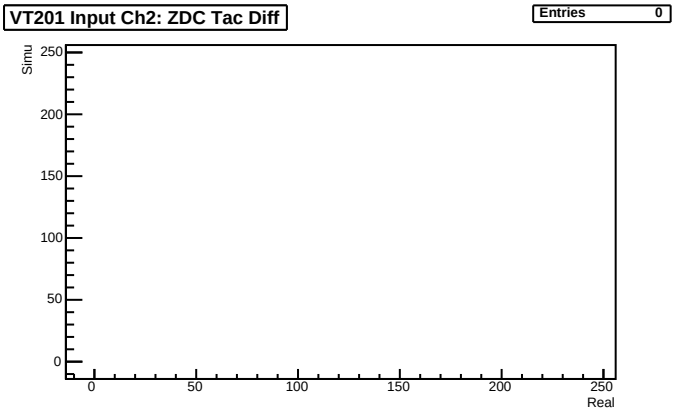

VT201 Input Ch1: EPD Tac Diff
Entries 355844
Tac

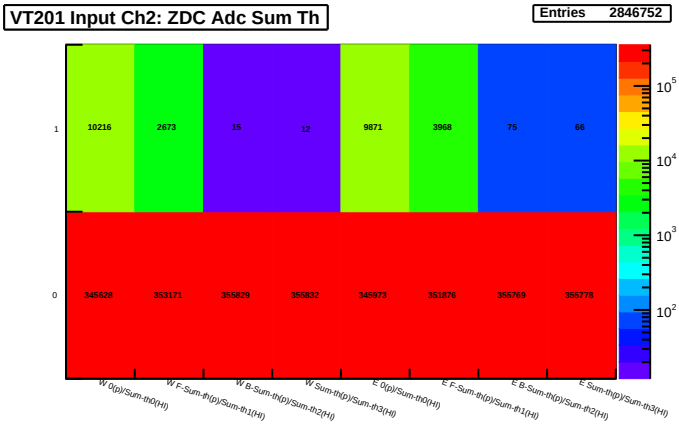

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

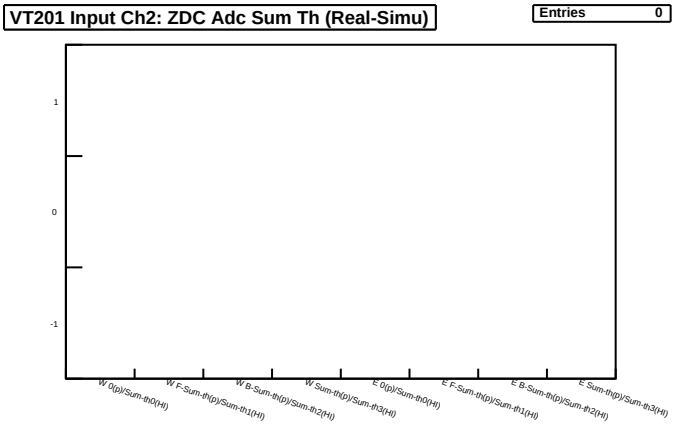

VT201 Input Ch1: EPD Hit Count Th
Entries 711688
352749
352241
3095
3603
East
West

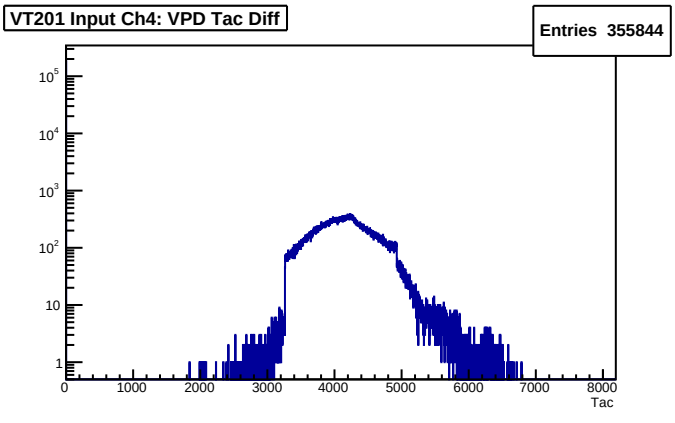

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

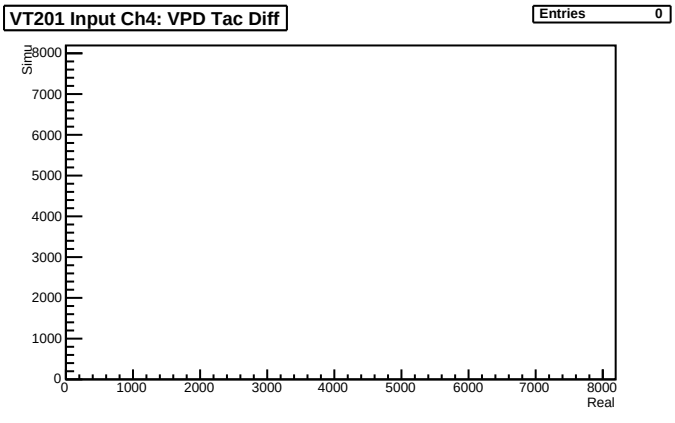

VT201 Input Ch2: ZDC Tac Diff
Entries 355844
Tac

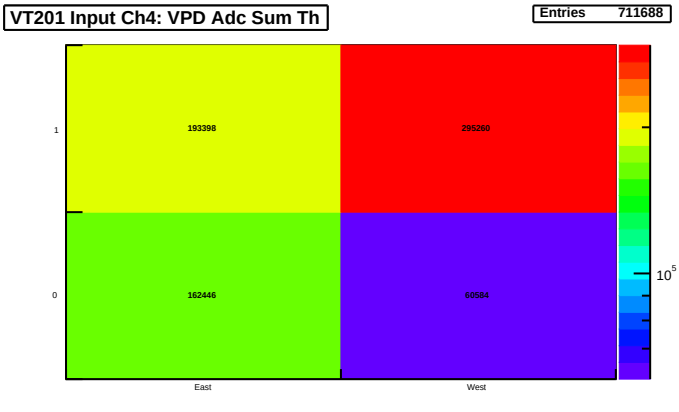

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

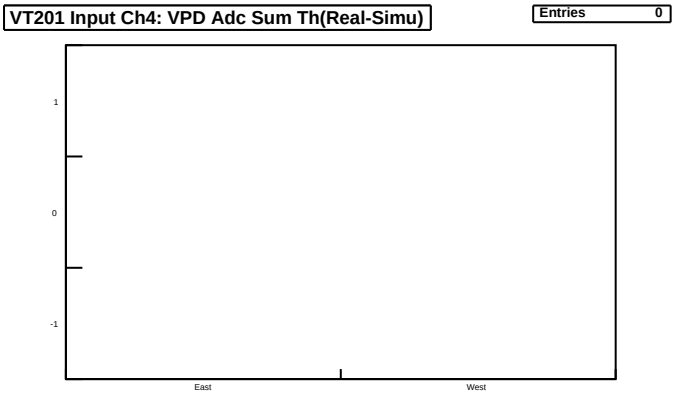

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2846752
10216
2673
15
12
9871
3968
75
66
345628
353171
355829
355832
345973
351876
355769
355778
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

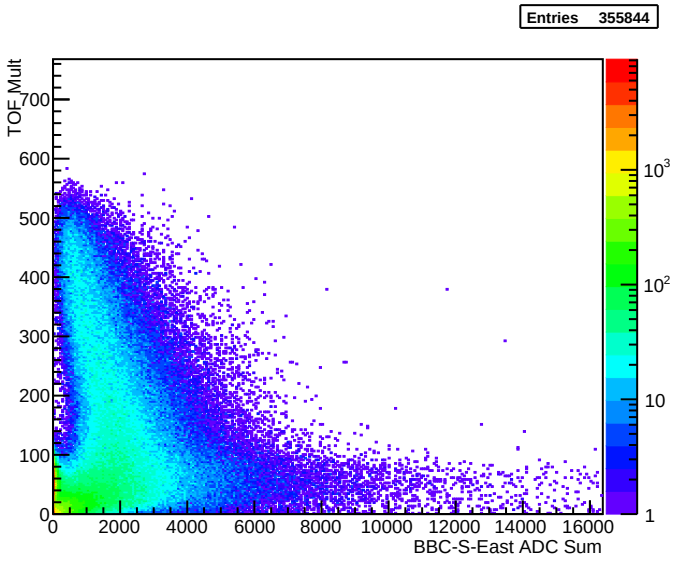

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

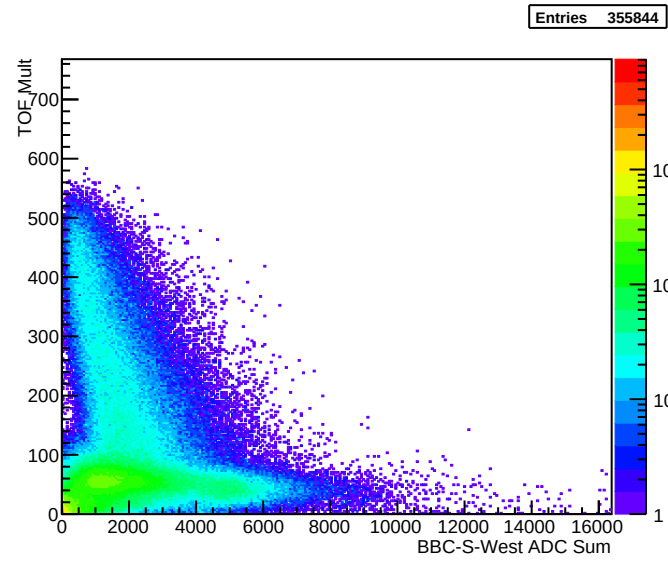

VT201 Input Ch4: VPD Tac Diff
Entries 355844
Tac

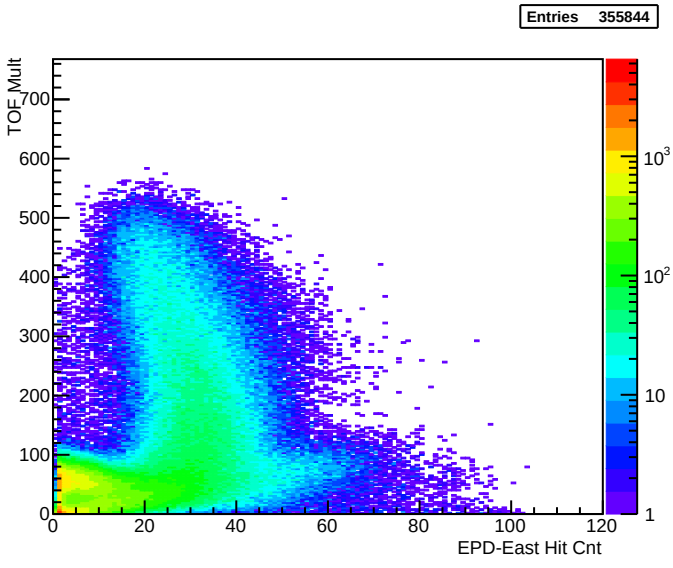

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

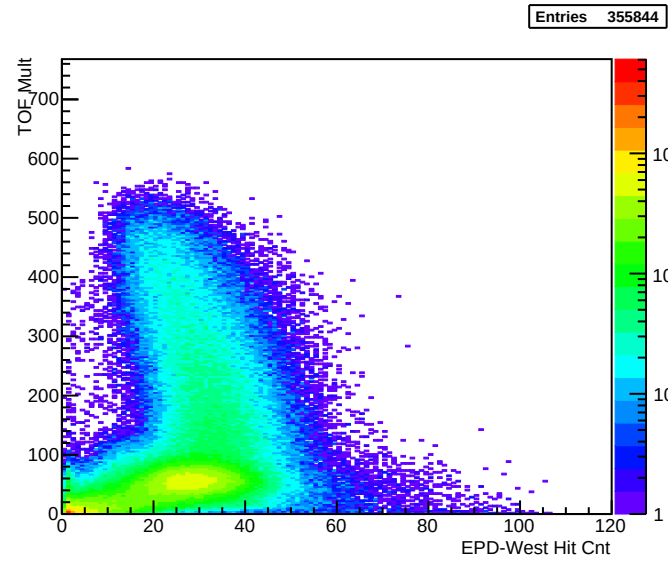

VT201 Input Ch4: VPD Adc Sum Th
Entries 711688
193398
295260
162446
60584
East
West

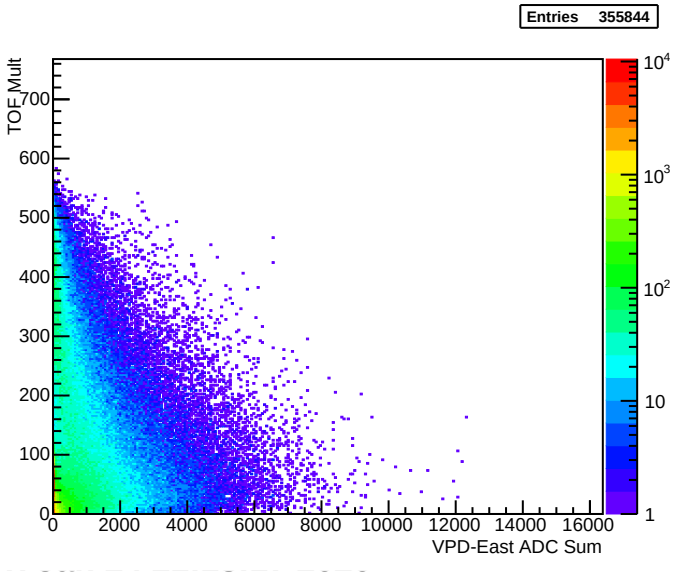

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

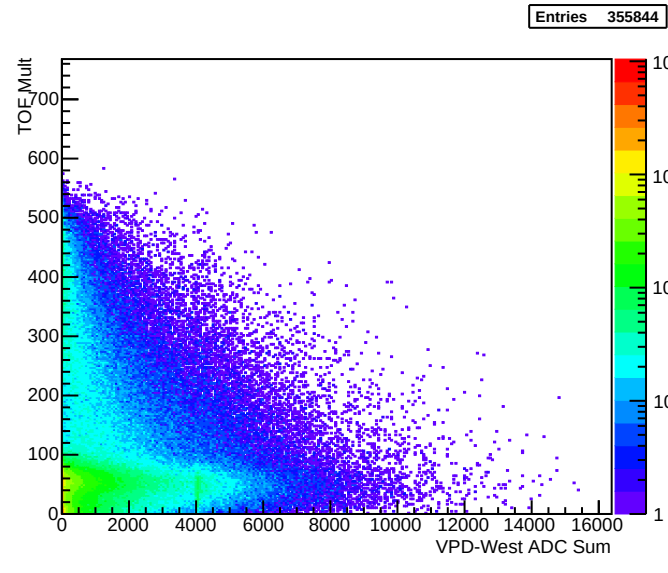

Entries 355844
TOF_Mult
BBC-S-East ADC Sum

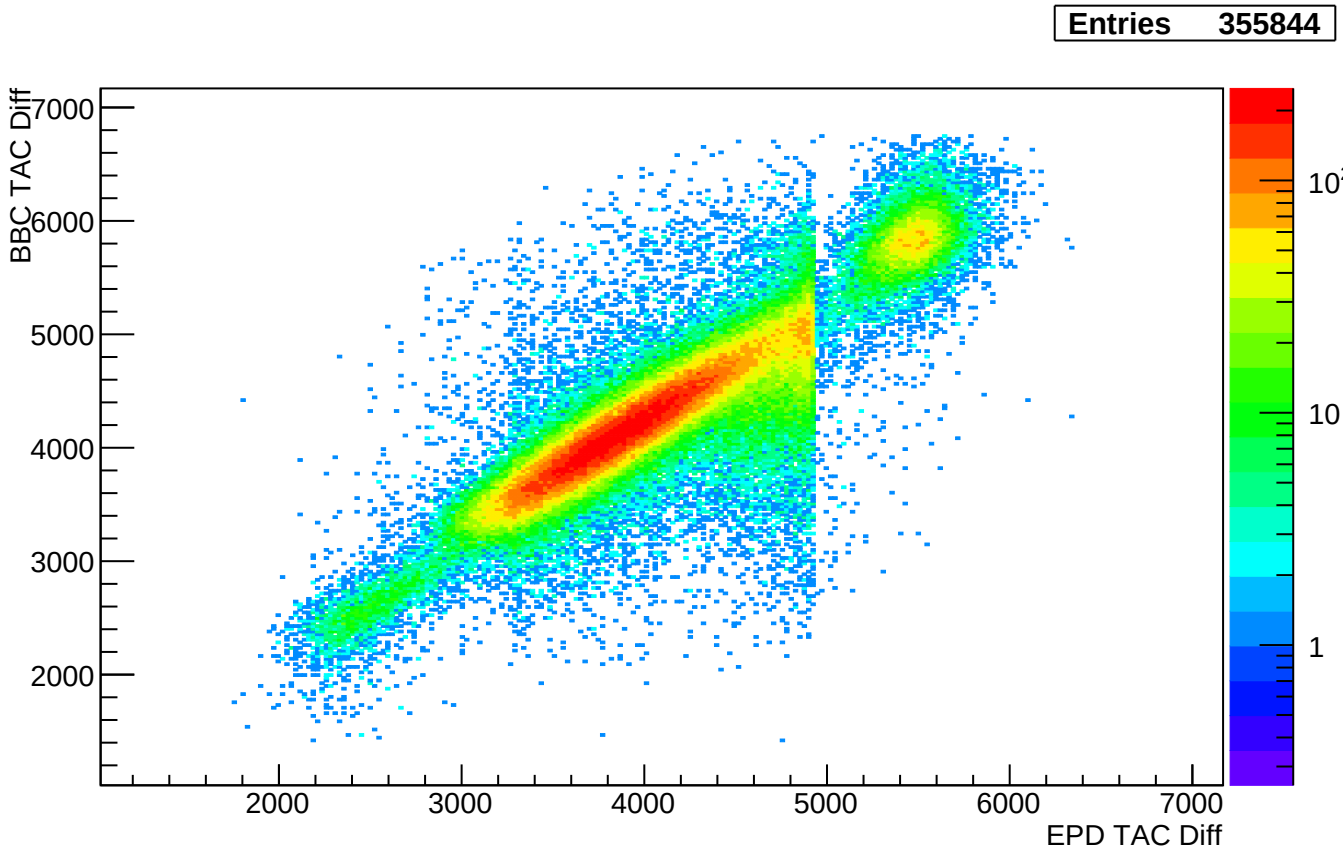

Entries 355844
TOF_Mult
BBC-S-West ADC Sum

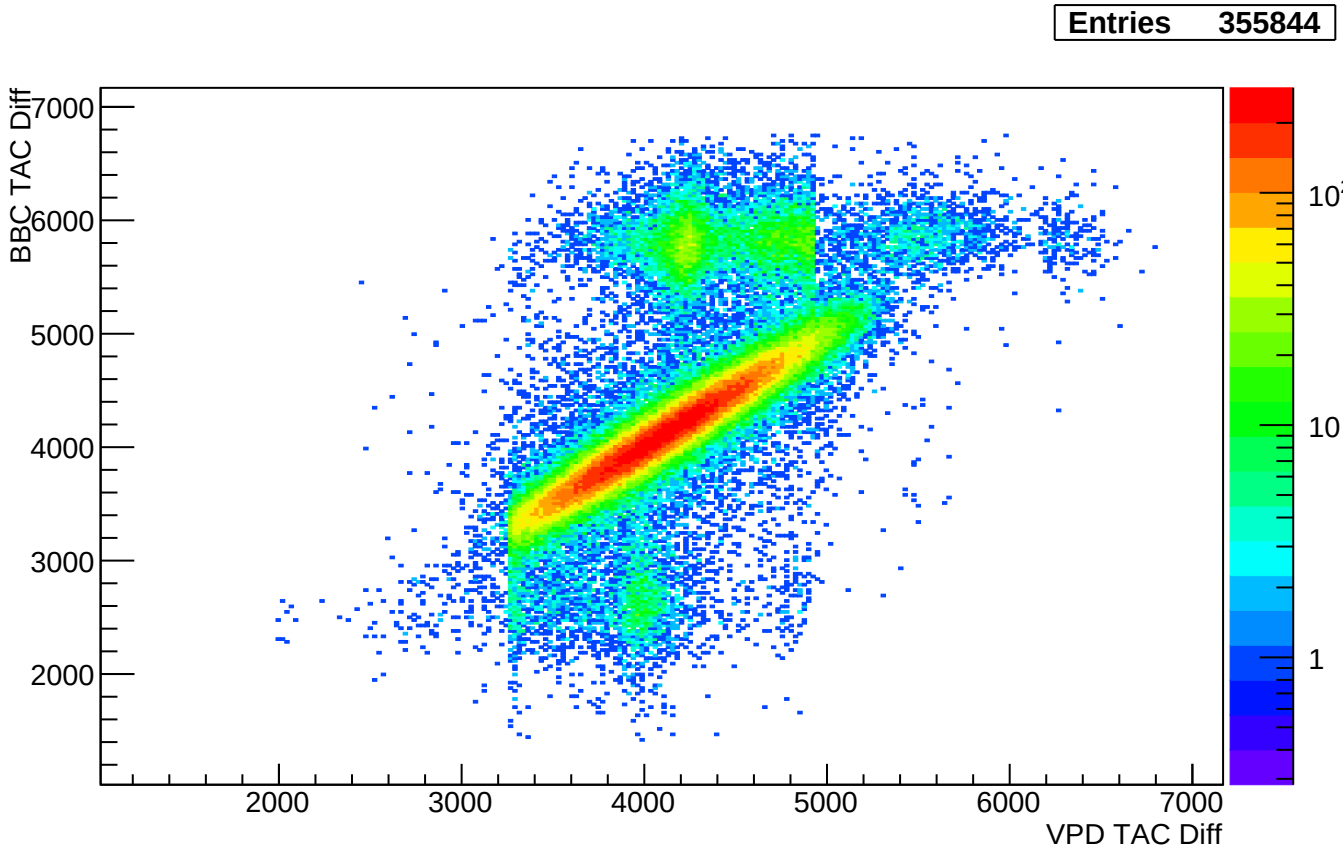

Entries 355844
TOF_Mult
EPD-East Hit Cnt

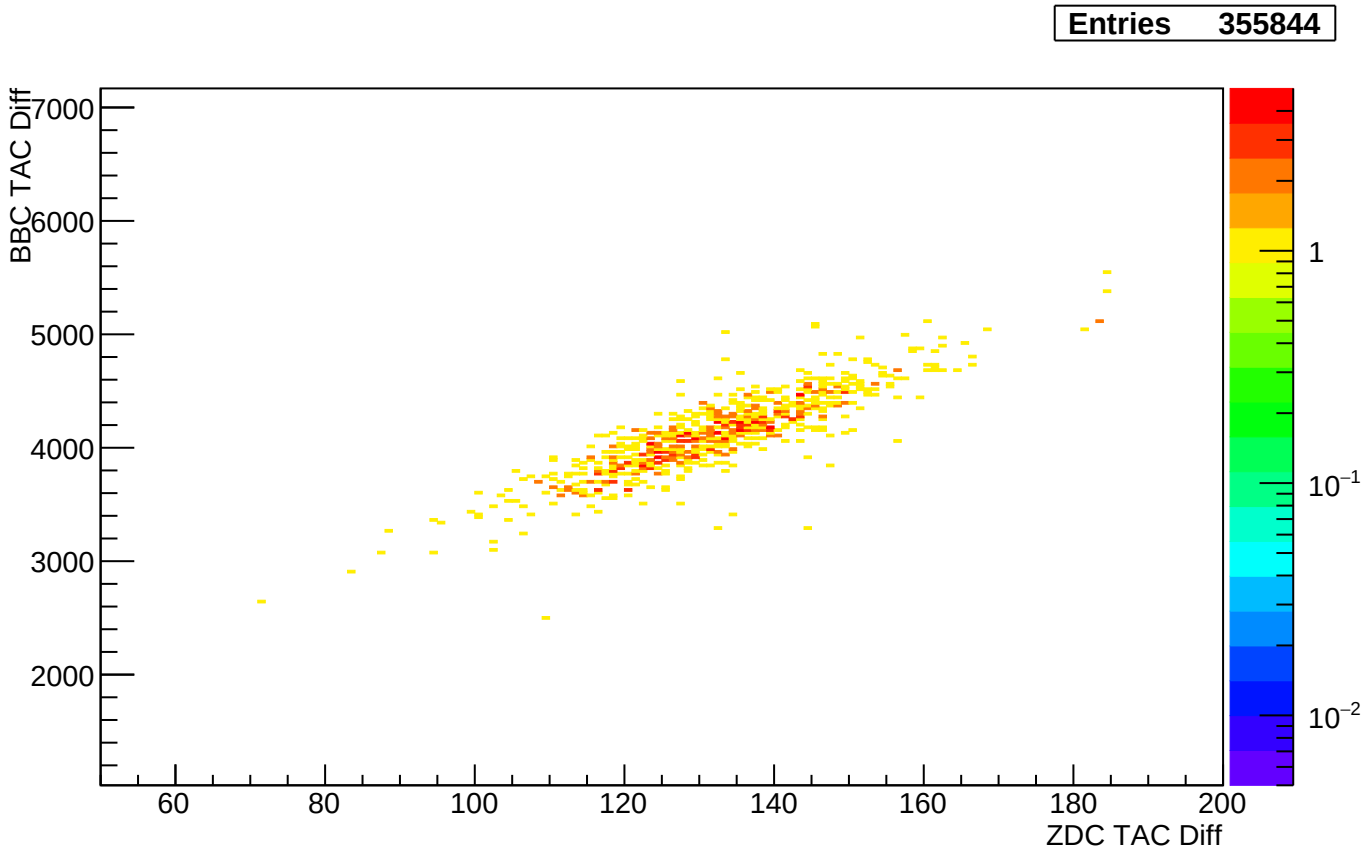

Entries 355844
TOF_Mult
EPD-West Hit Cnt

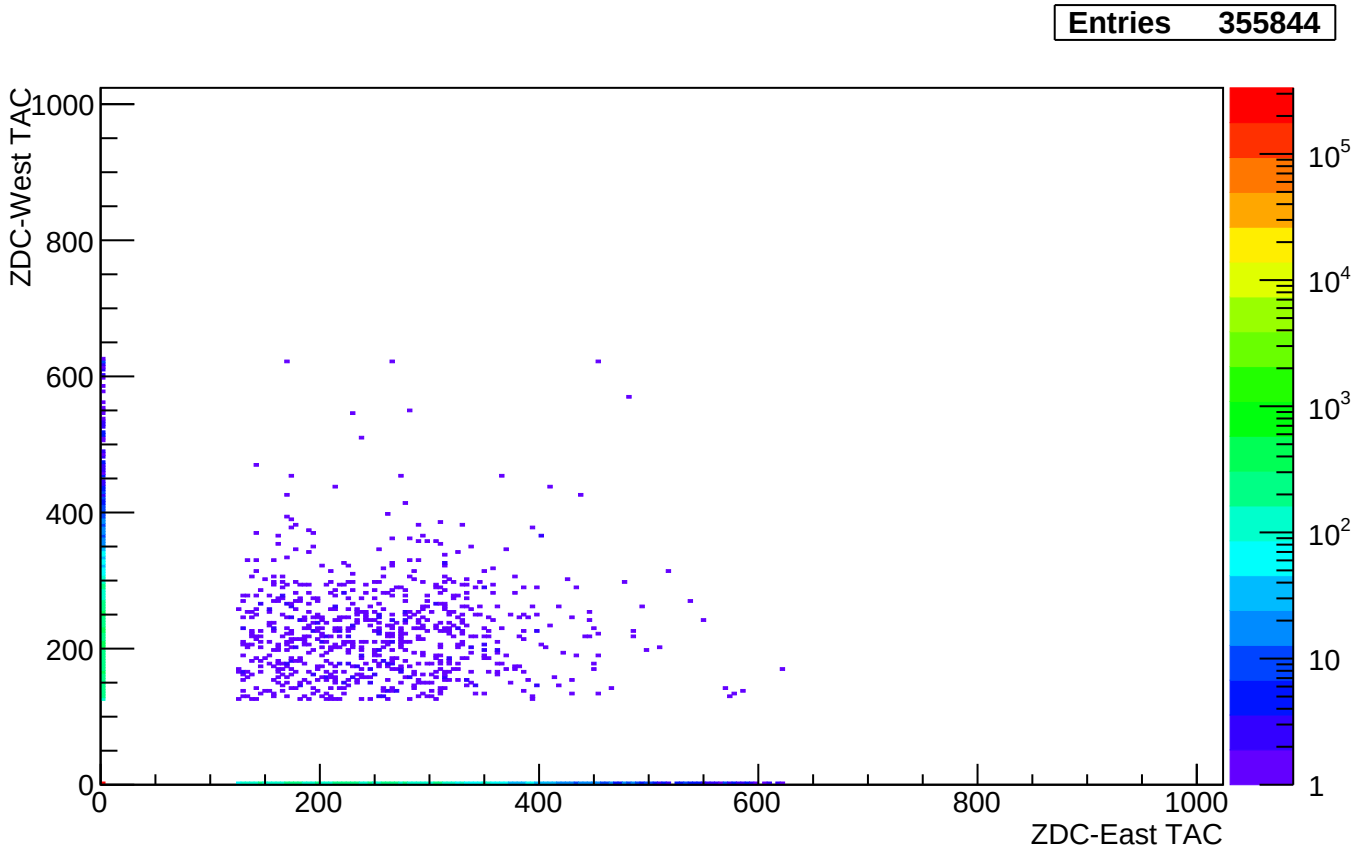

Entries 355844
TOF_Mult
VPD-East ADC Sum

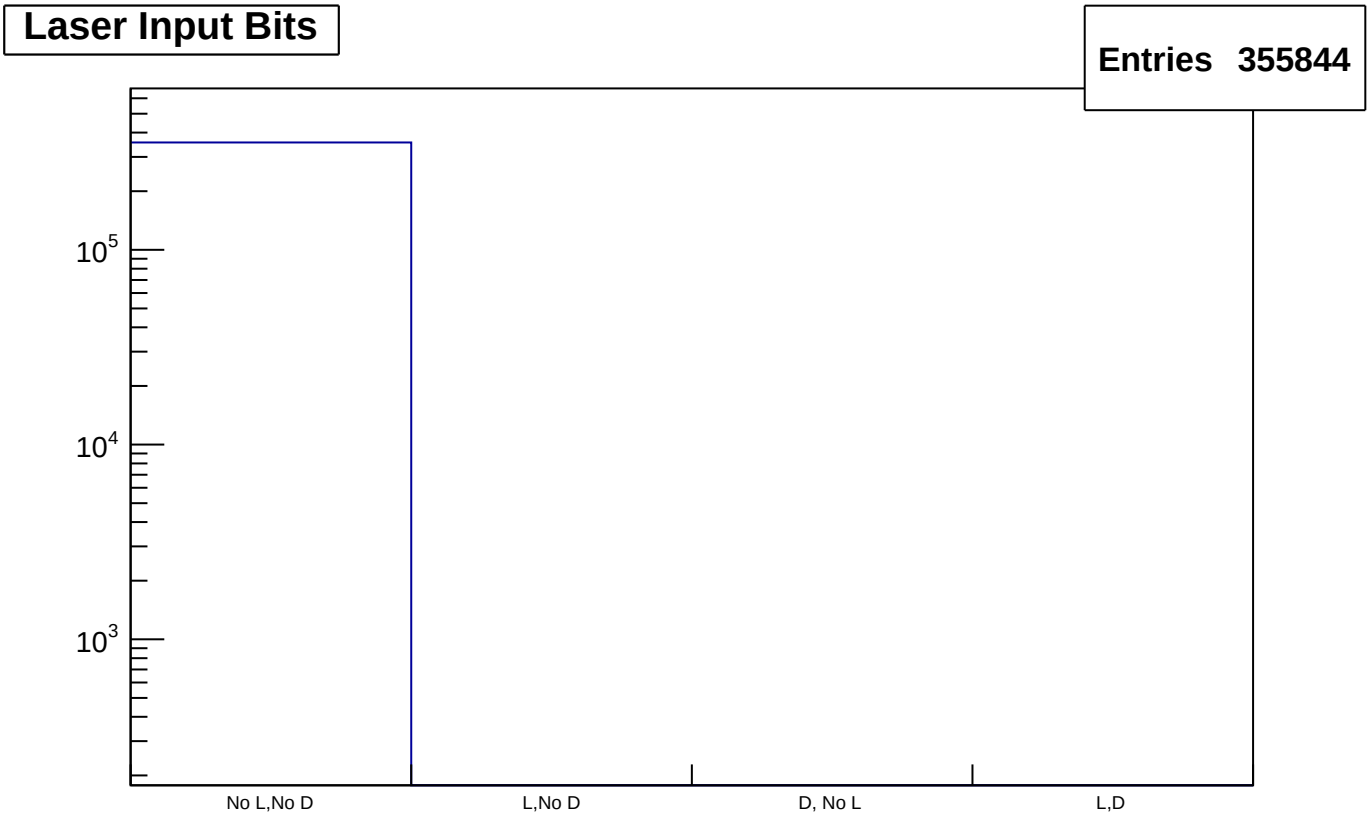

Entries 355844
TOF_Mult
VPD-West ADC Sum

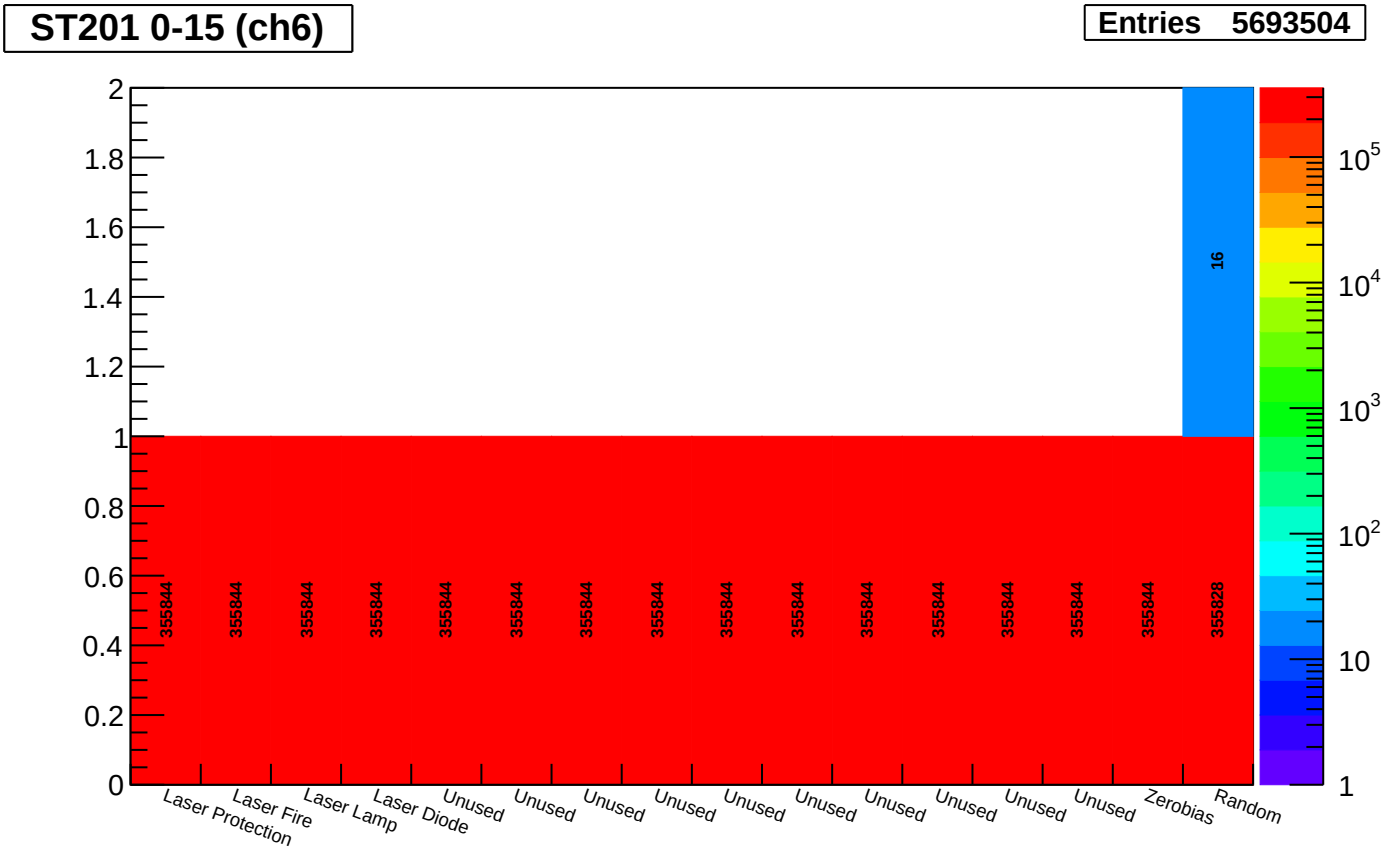

Entries 355844
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

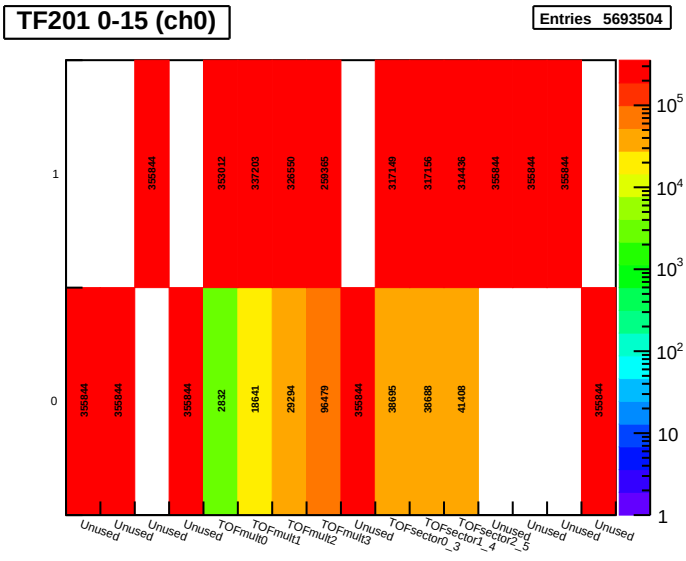

Entries 355844
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

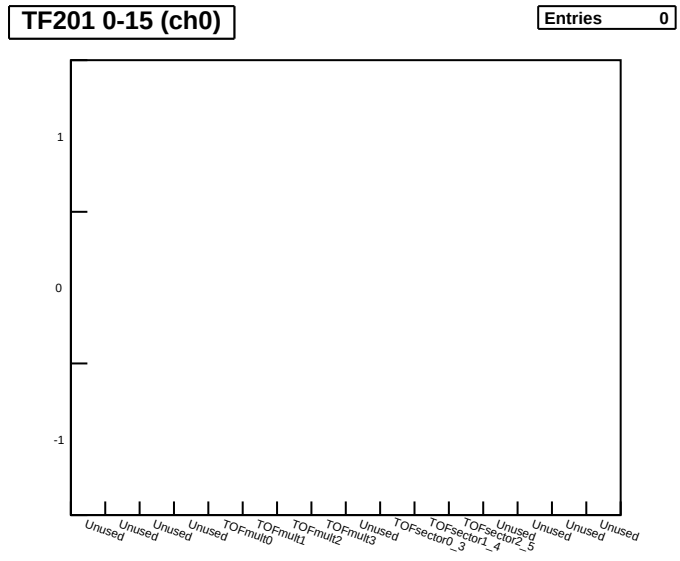

Entries 355844
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

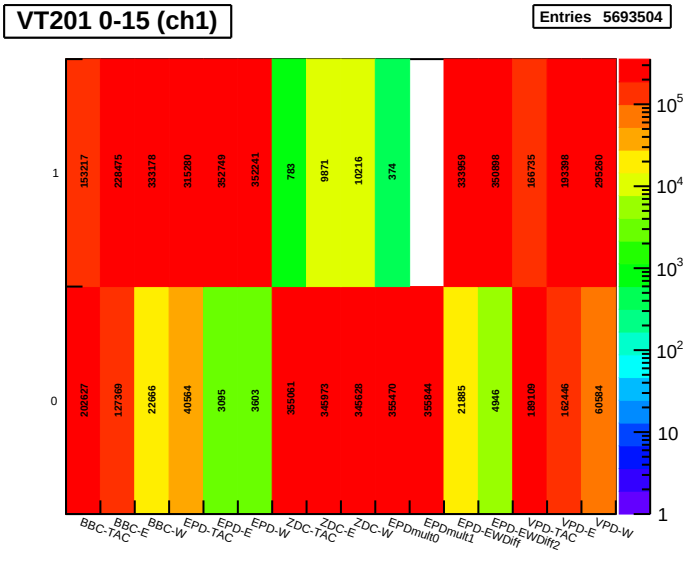

Entries 355844
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

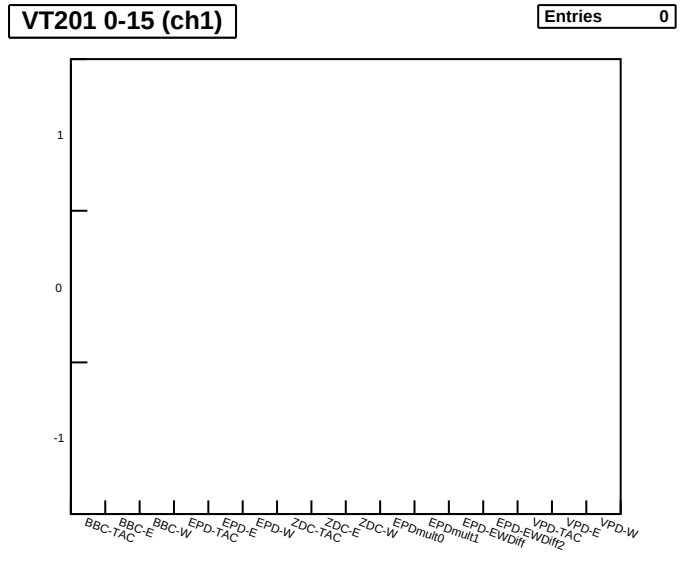

Laser Input Bits
Entries 355844
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

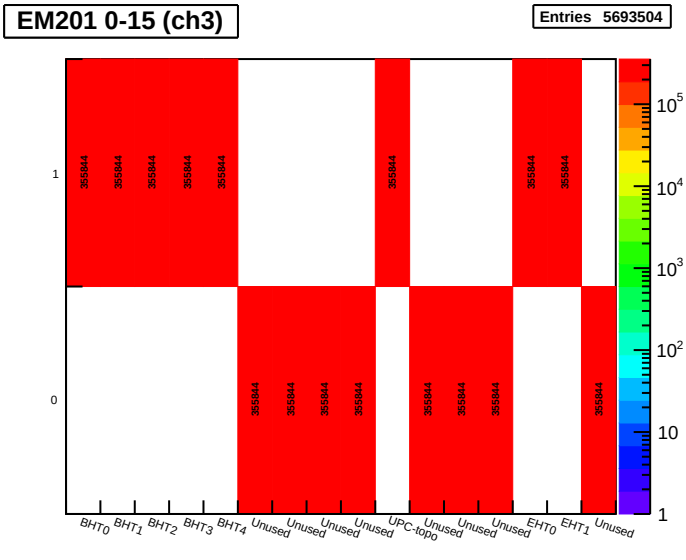

ST201 0-15 (ch6)
Entries 5693504
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
355844
355828
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

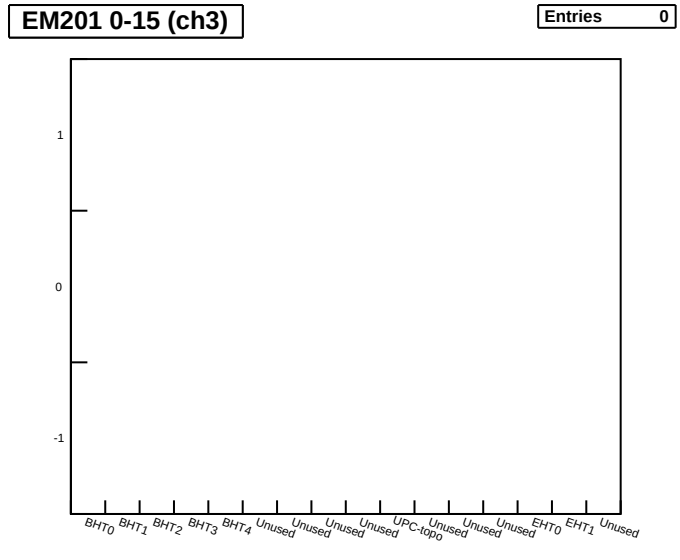

TF201 0-15 (ch0)
Entries 5693504
1
0
355844
353012
337203
326550
299365
317149
317156
314436
355844
355844
355844
355844
355844
355844
2832
18641
29294
96479
38695
38688
41408
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 5693504
1
0
153217
228475
333178
315280
352749
352241
783
9871
10216
374
333959
350898
166735
193398
295280
202627
127389
22666
40564
3095
3603
355061
345973
345628
355470
355844
21885
4946
168109
162446
60584
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
1
10
10^2
10^3
10^4
10^5


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 5693504
1
0
355844
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1