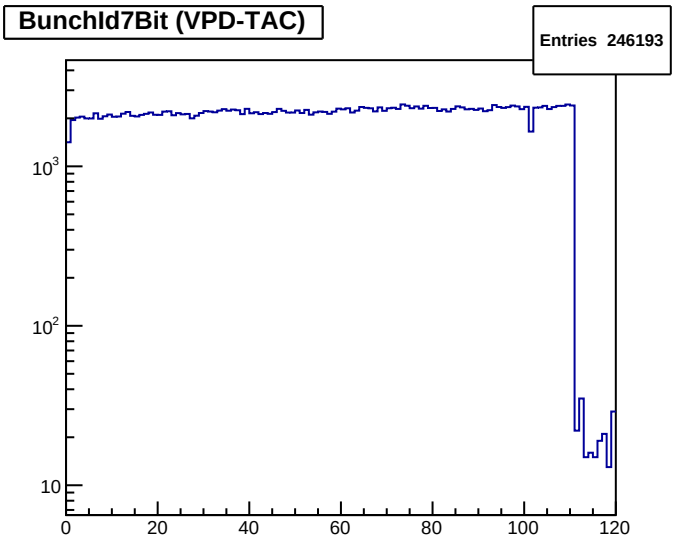
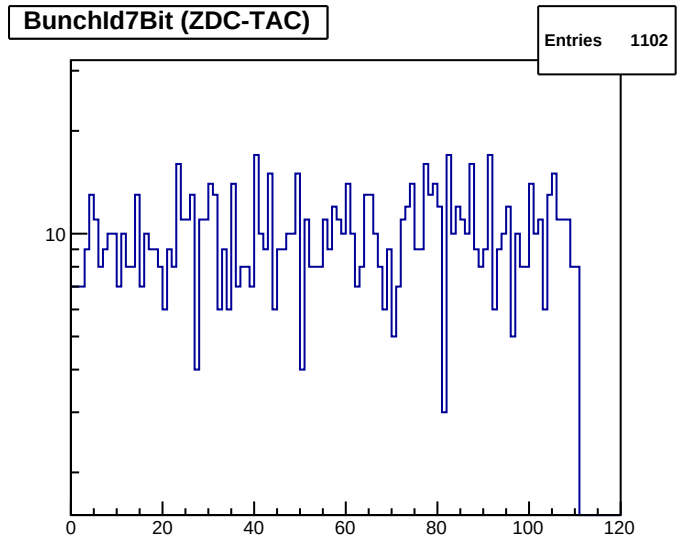
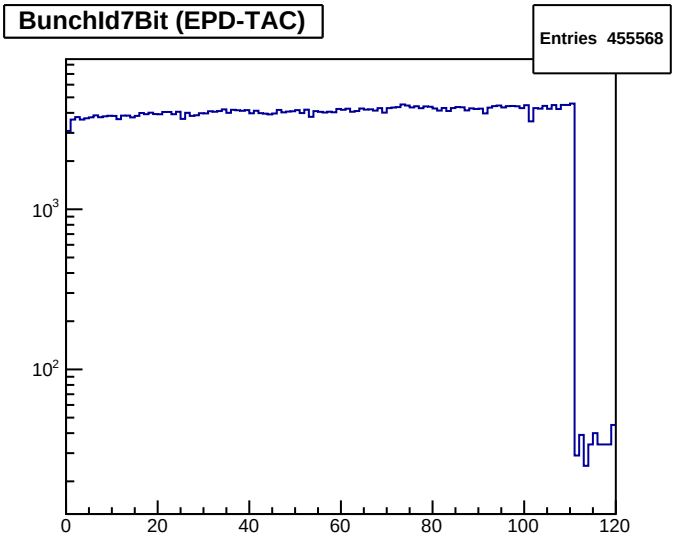
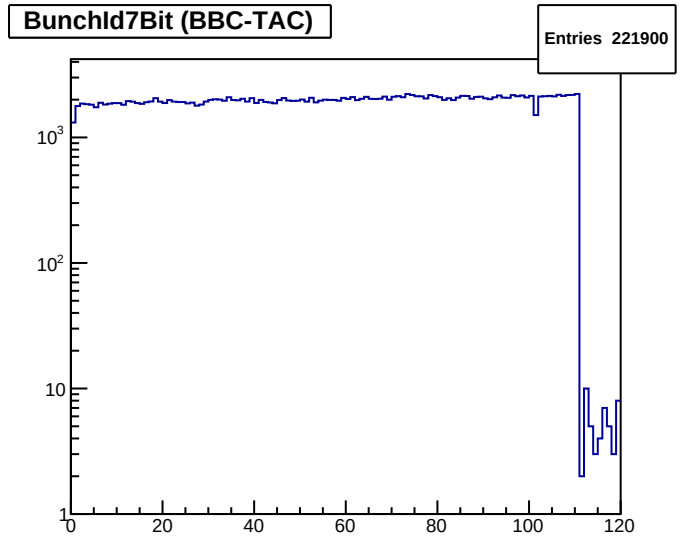
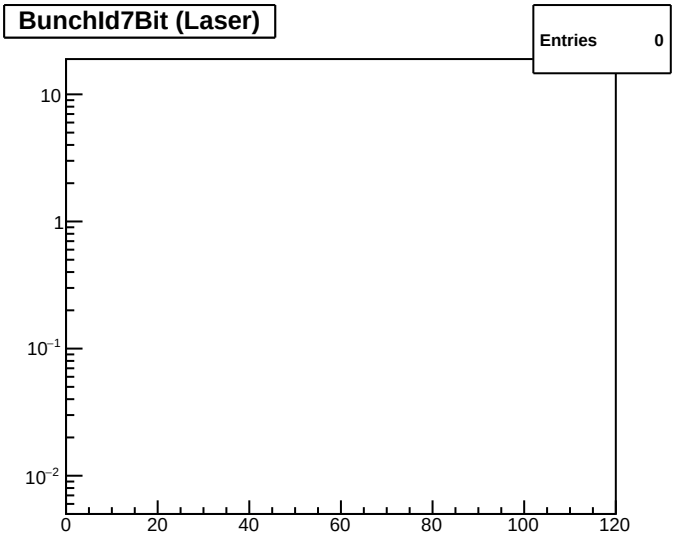
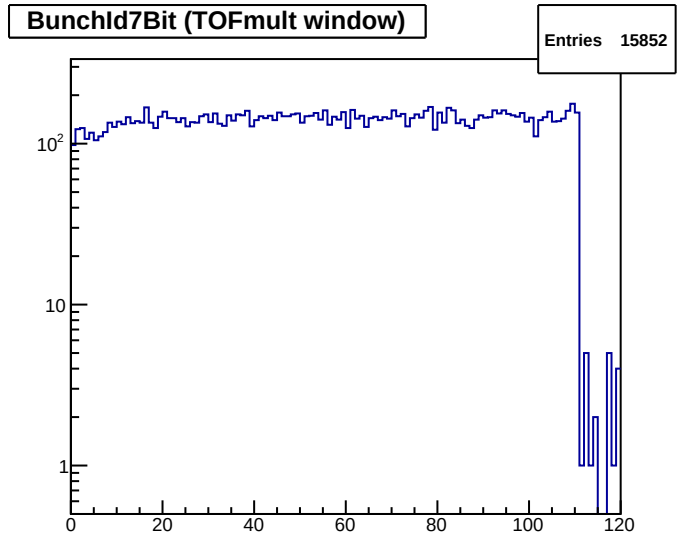

BunchId7Bit (VPD-TAC)
Entries 246193

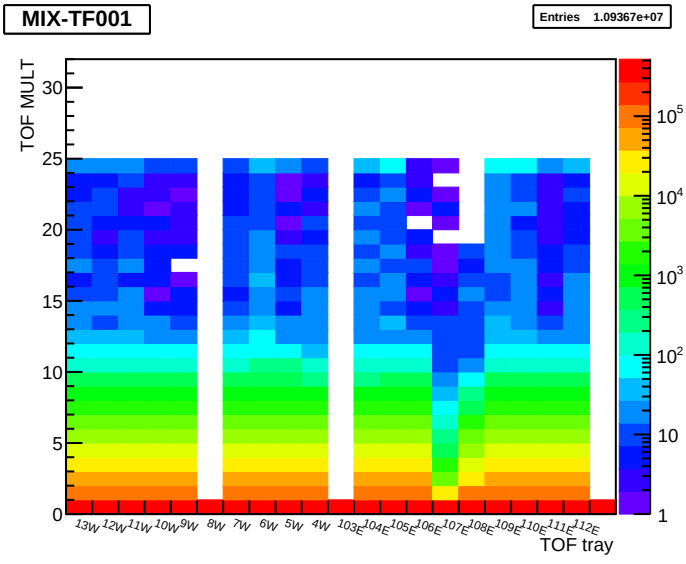

BunchId7Bit (ZDC-TAC)
Entries 1102

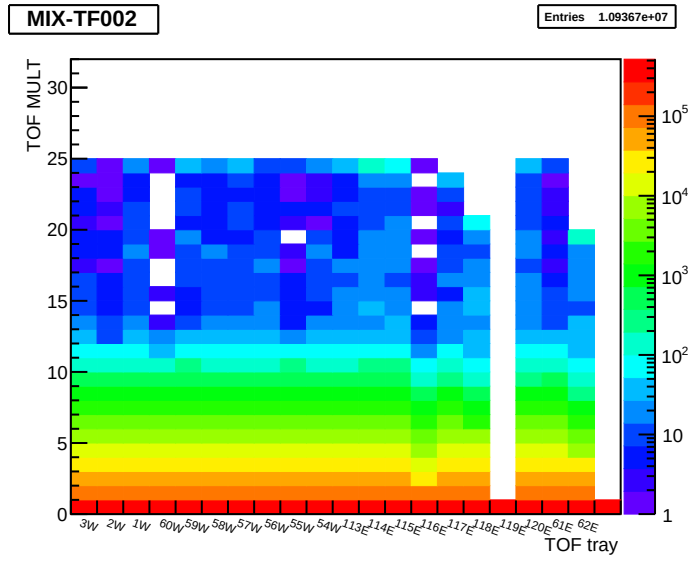

BunchId7Bit (EPD-TAC)
Entries 455568

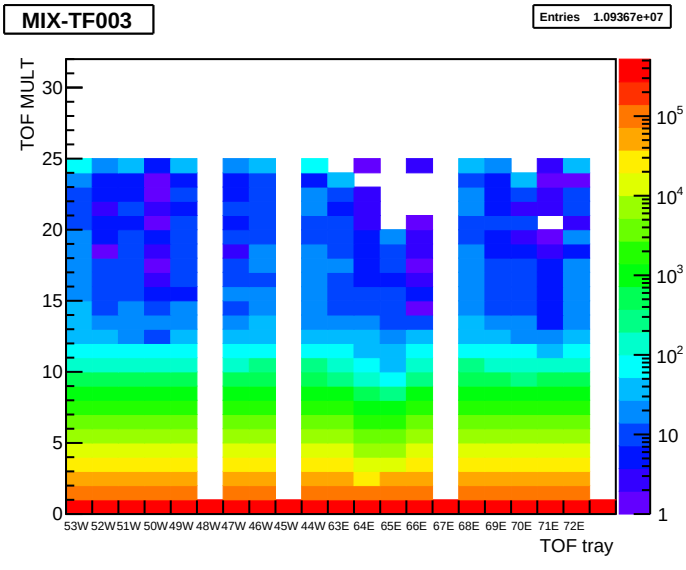

BunchId7Bit (BBC-TAC)
Entries 221900

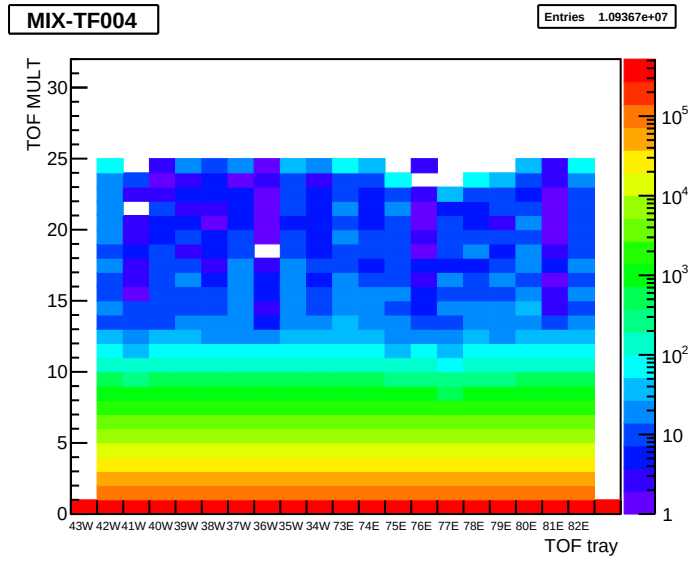

BunchId7Bit (Laser)
Entries 0

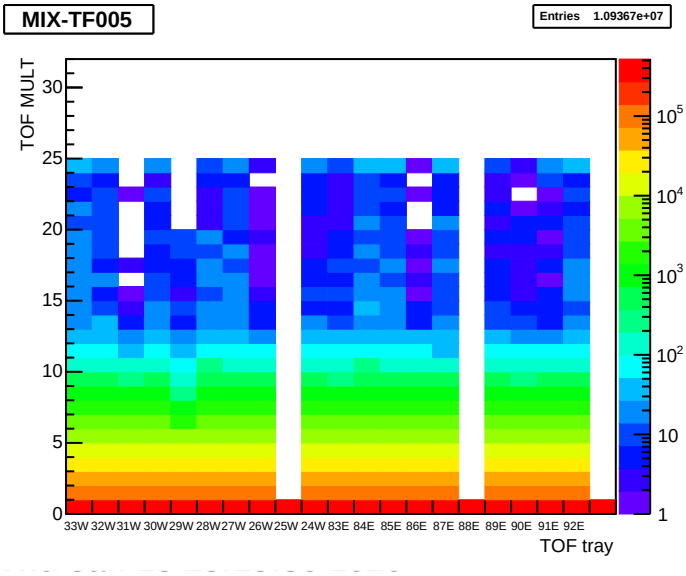

BunchId7Bit (TOFmult window)
Entries 15852

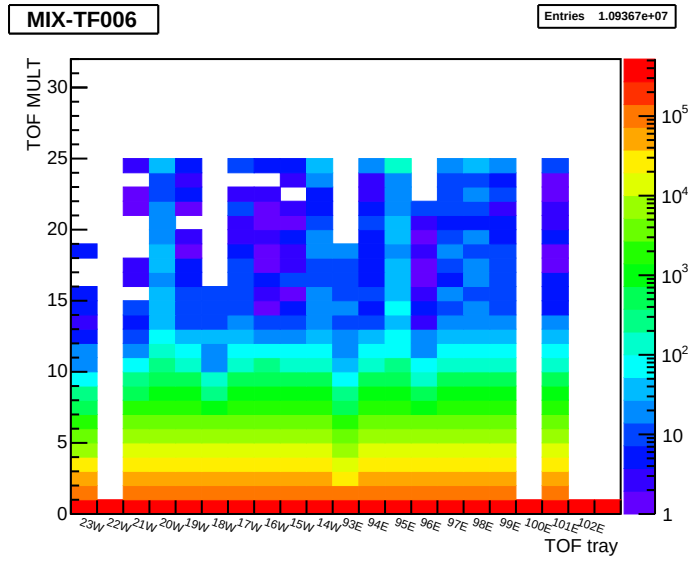

MIX-TF001
Entries 1.09367e+07
TOF MULT
TOF tray

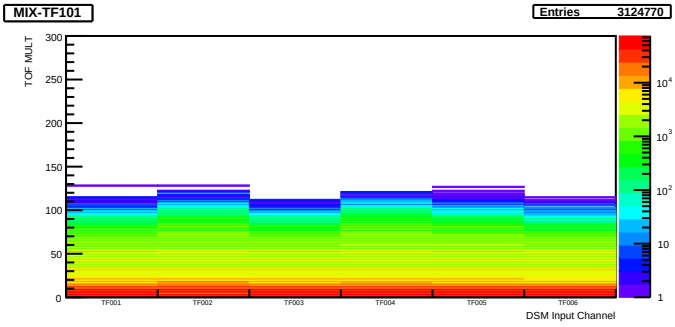

MIX-TF002
Entries 1.09367e+07
TOF MULT
TOF tray

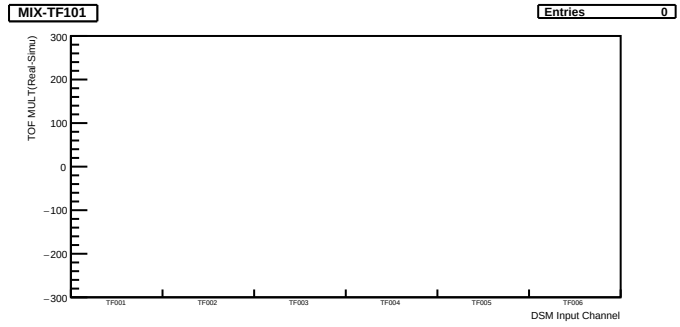

MIX-TF003
Entries 1.09367e+07
TOF MULT
TOF tray

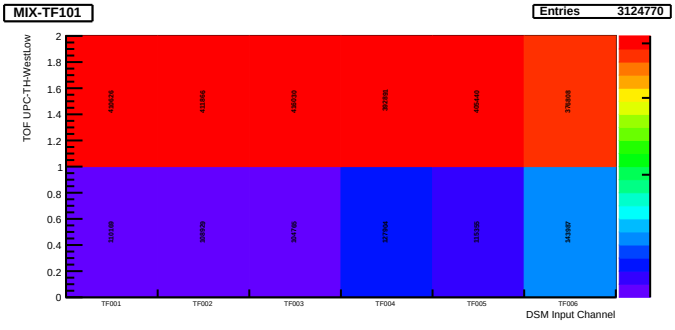

MIX-TF004
Entries 1.09367e+07
TOF MULT
TOF tray

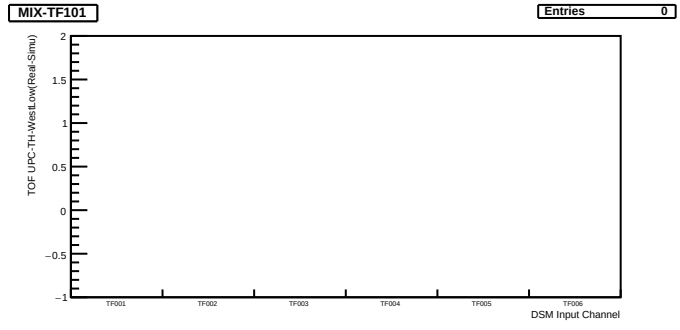

MIX-TF005
Entries 1.09367e+07
TOF MULT
TOF tray

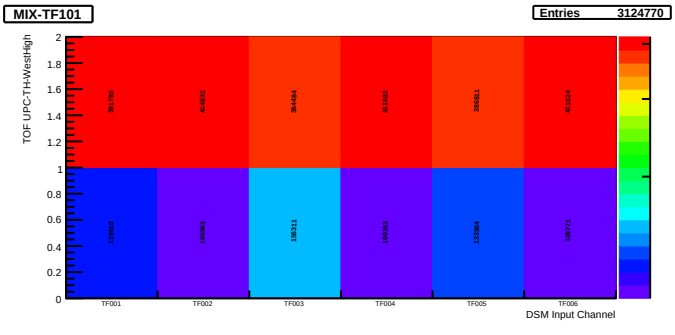

MIX-TF006
Entries 1.09367e+07
TOF MULT
TOF tray

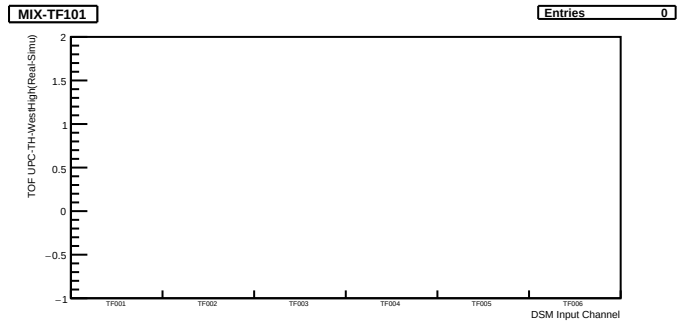

MIX-TF101
Entries 3124770
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

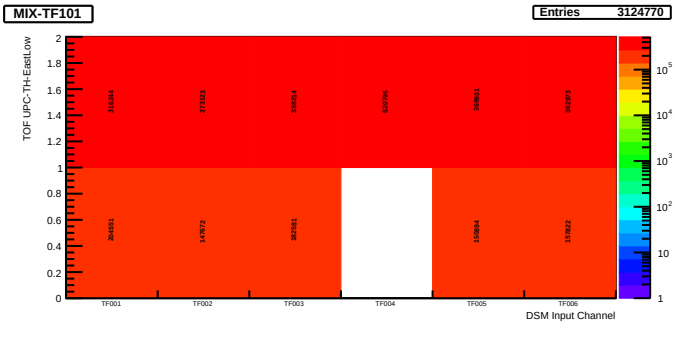

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

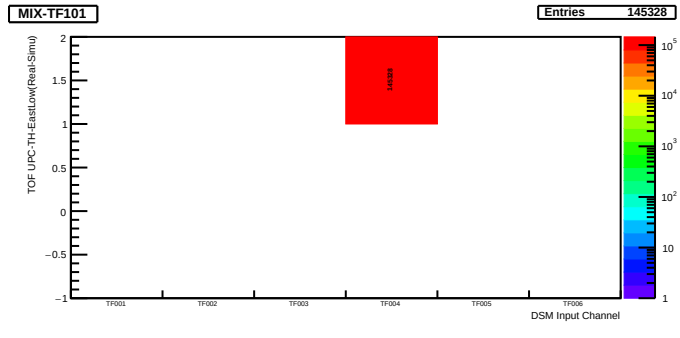

MIX-TF101
Entries 3124770
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

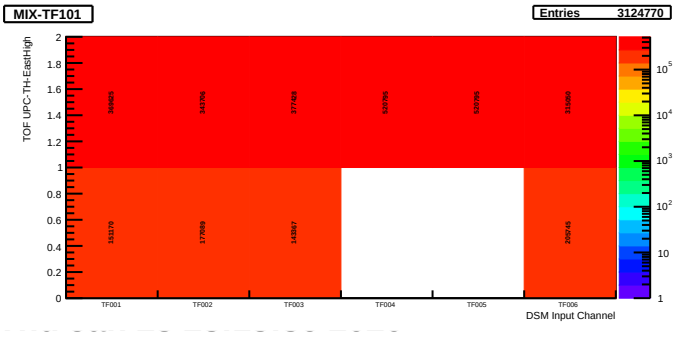

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

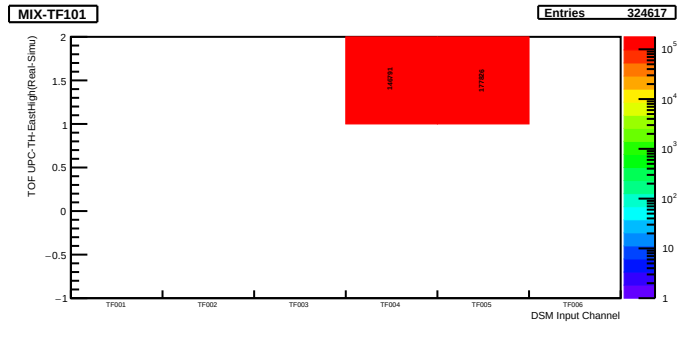

MIX-TF101
Entries 3124770
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

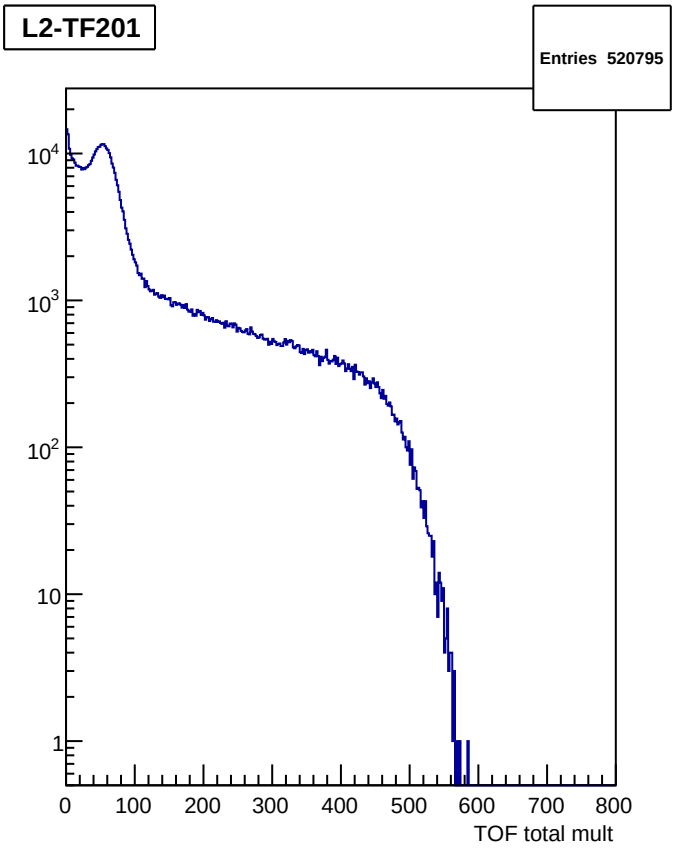

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

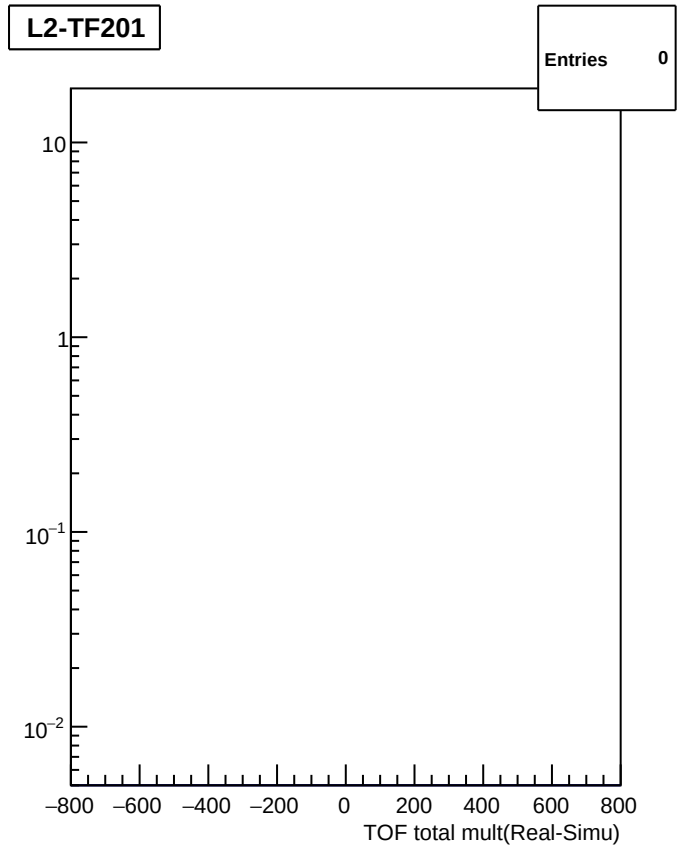

MIX-TF101
Entries 3124770
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

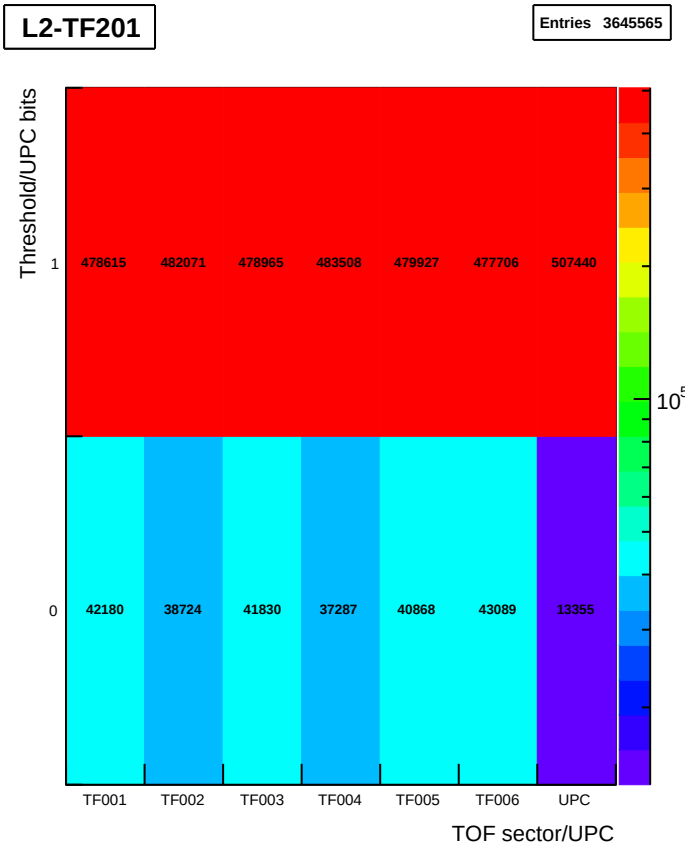

MIX-TF101
Entries 145328
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

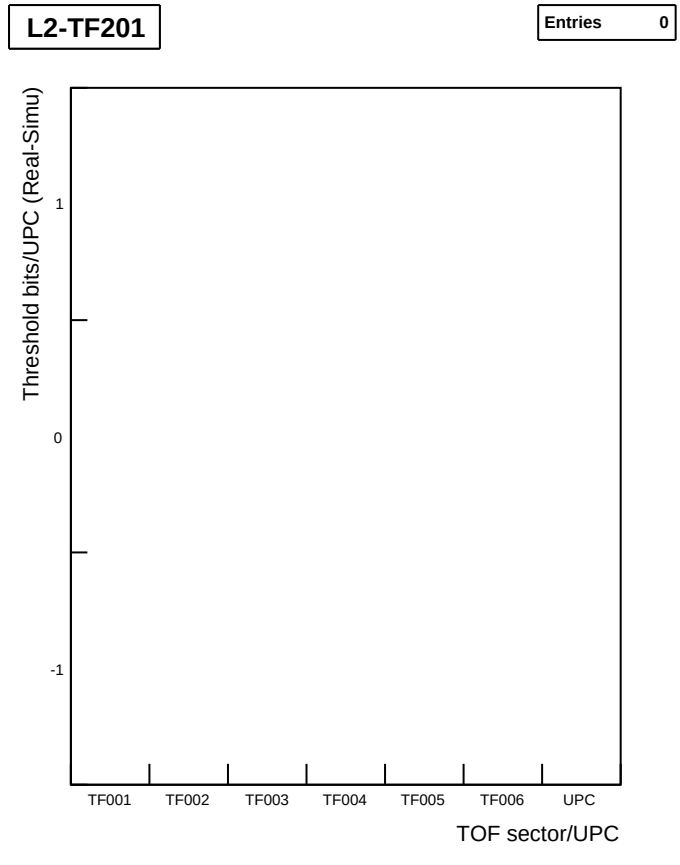

MIX-TF101
Entries 3124770
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

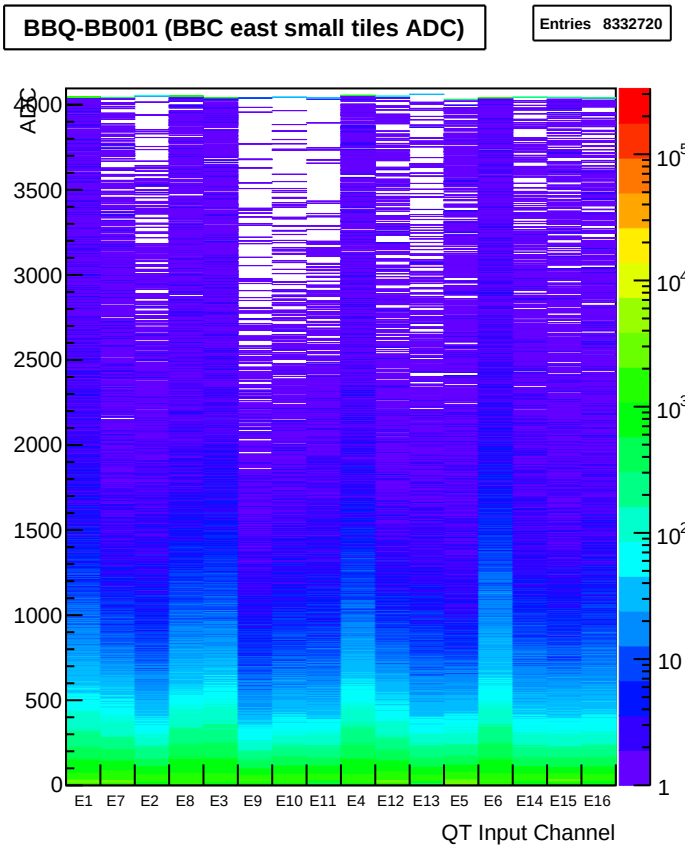

MIX-TF101
Entries 324617
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

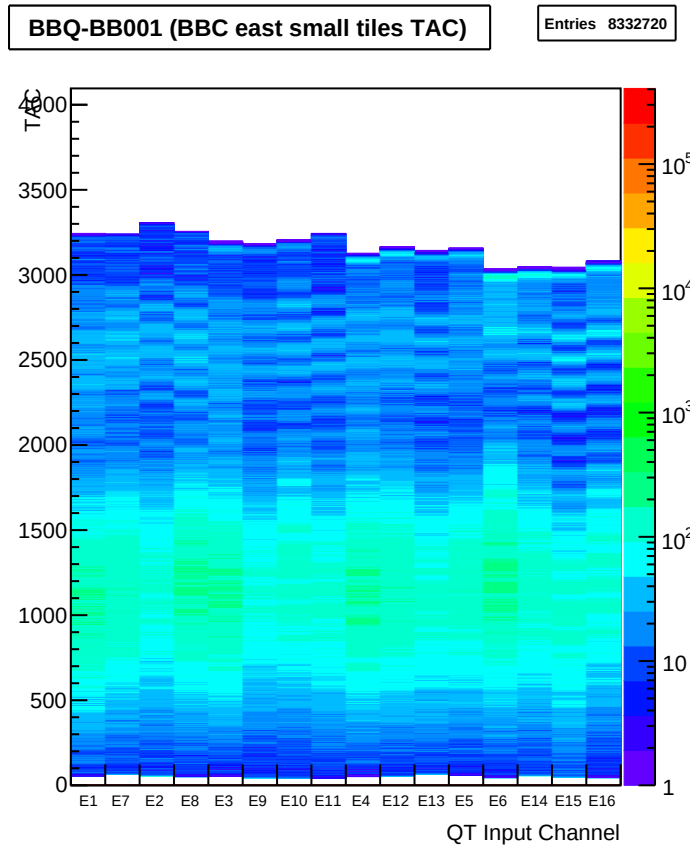

L2-TF201
Entries 520795
TOF total mult

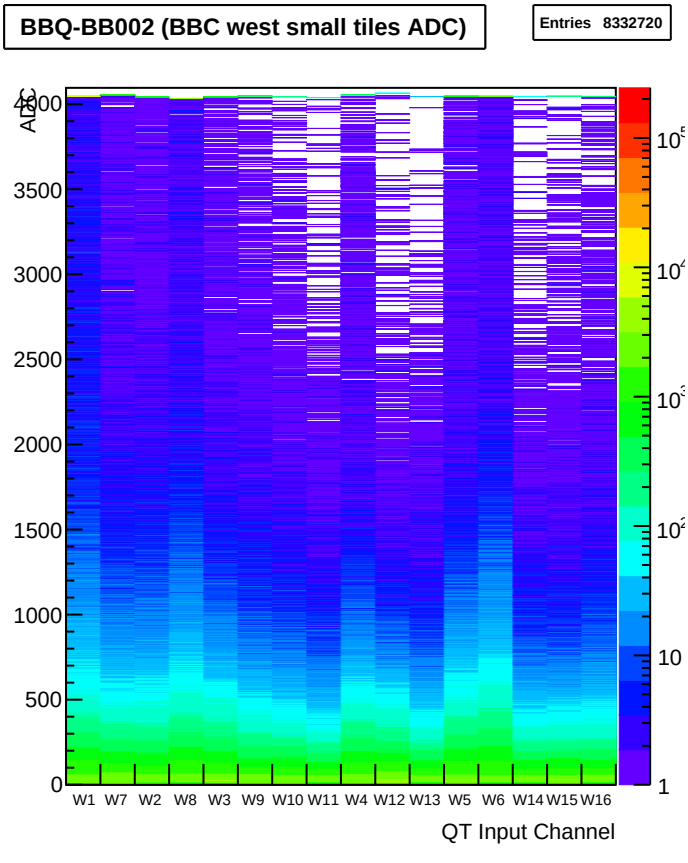

L2-TF201
Entries 0
TOF total mult(Real-Simu)

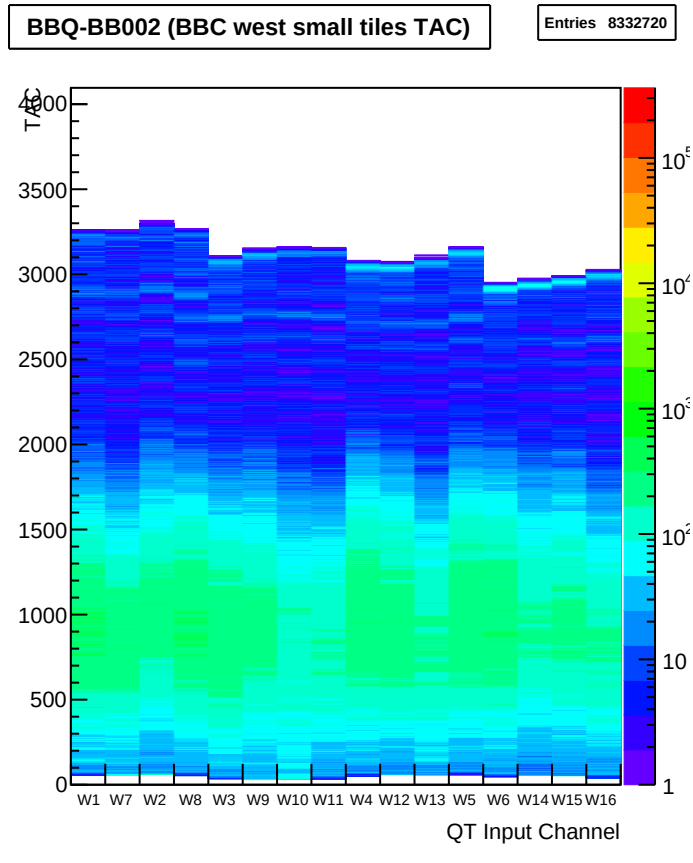

L2-TF201
Entries 3645565
Threshold/UPC bits
478615
482071
478965
483508
479927
477706
507440
42180
38724
41830
37287
40868
43089
13355
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

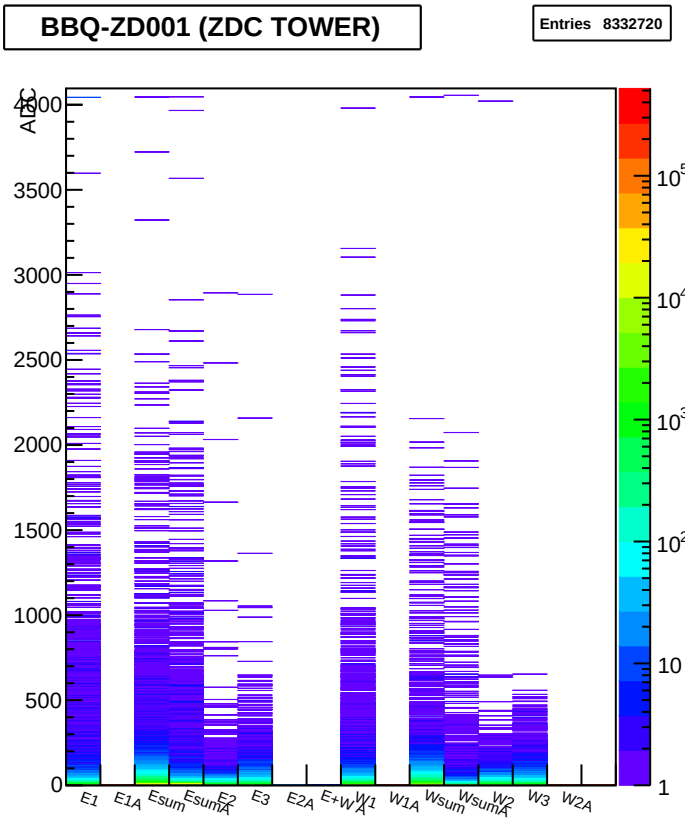

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

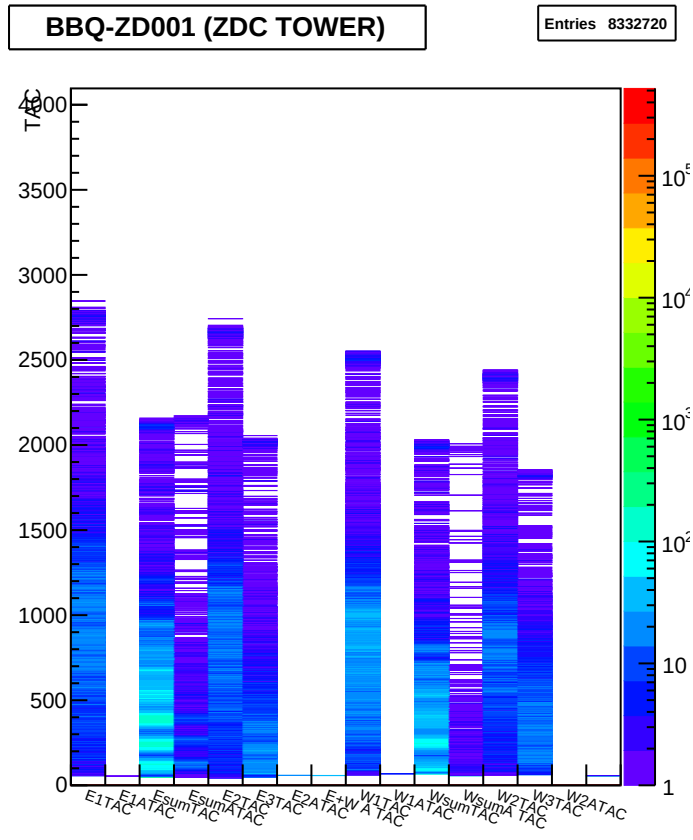

BBQ-BB001 (BBC east small tiles ADC)
Entries 8332720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

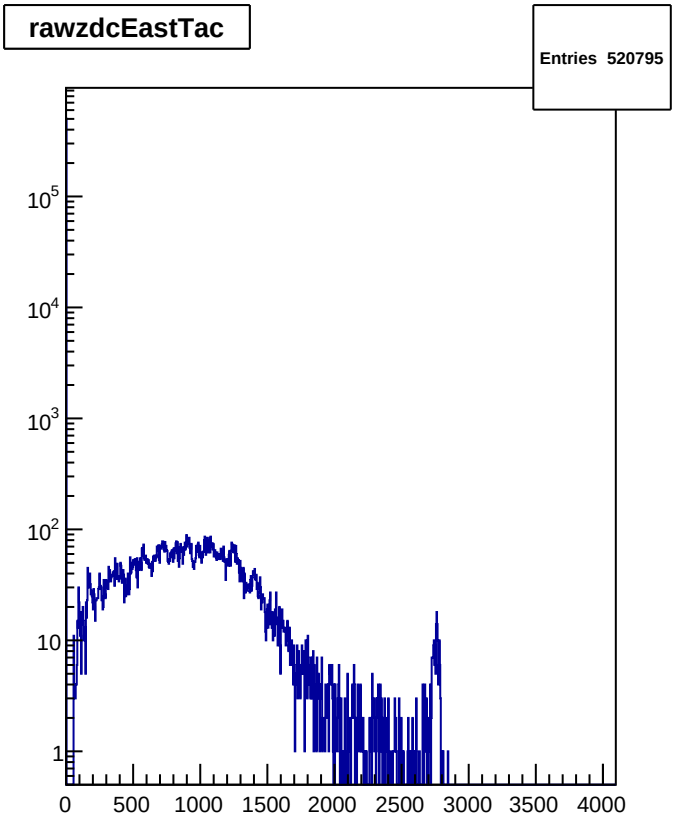

BBQ-BB001 (BBC east small tiles TAC)
Entries 8332720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

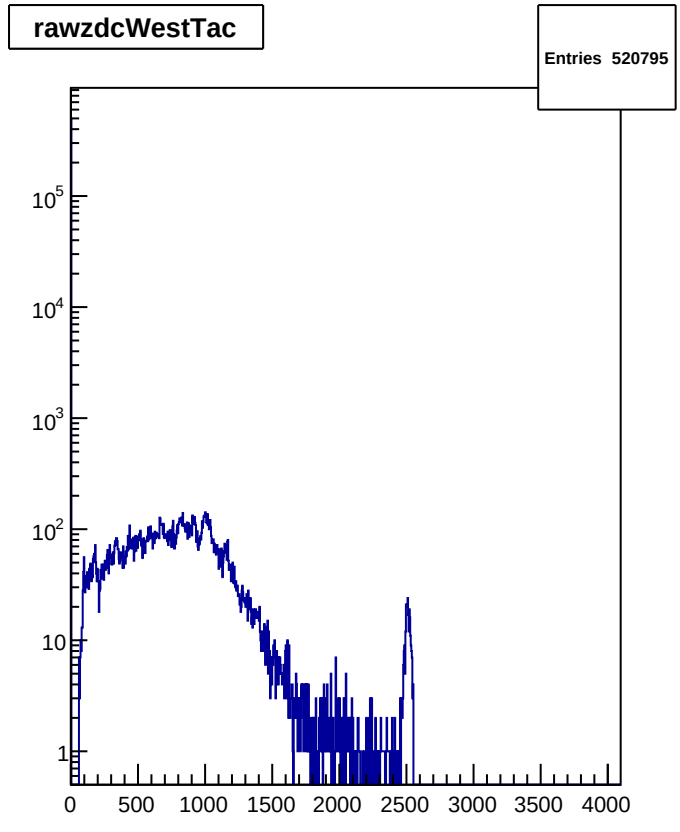

BBQ-BB002 (BBC west small tiles ADC)
Entries 8332720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

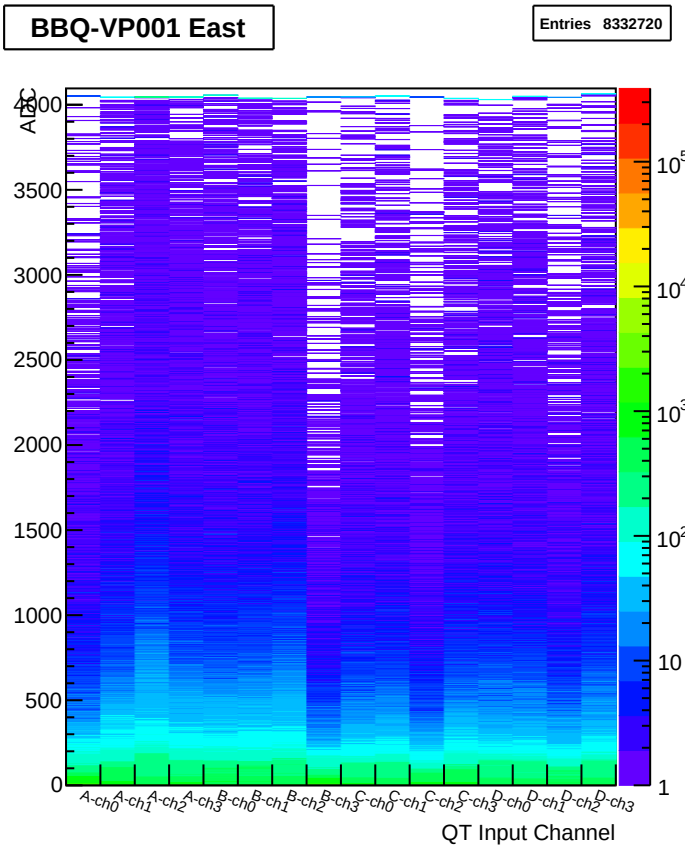

BBQ-BB002 (BBC west small tiles TAC)
Entries 8332720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

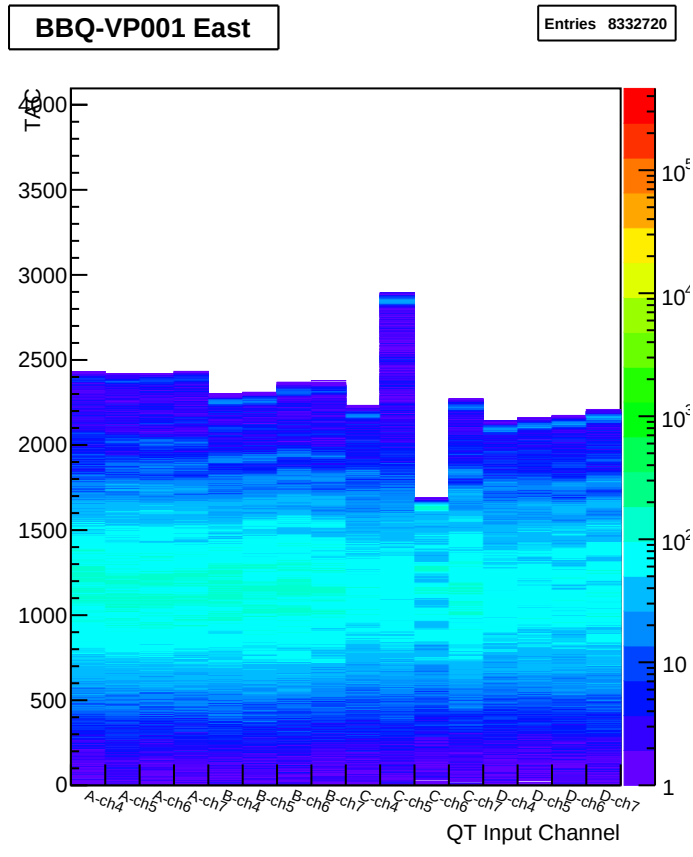

BBQ-ZD001 (ZDC TOWER)
Entries 8332720
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

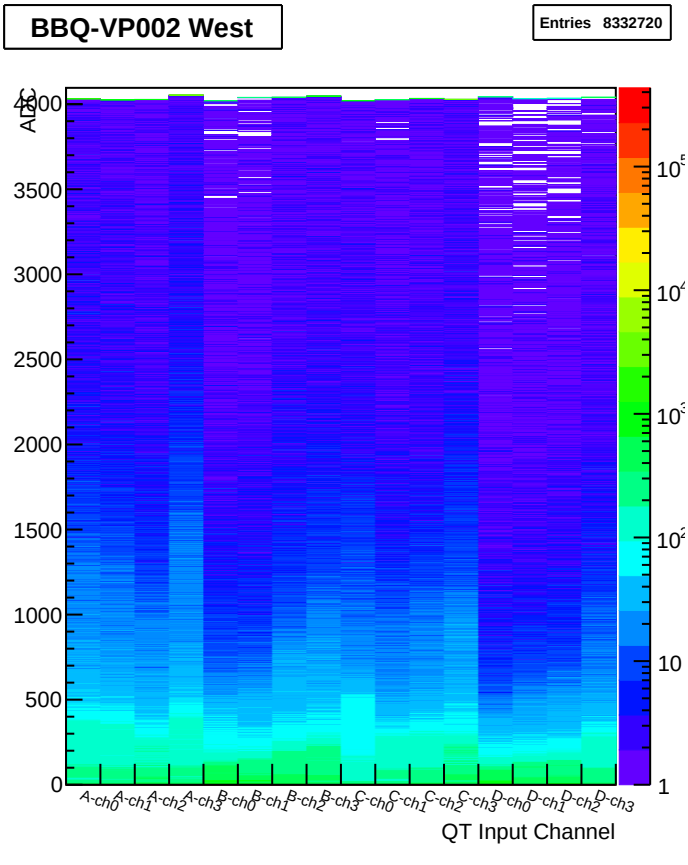

BBQ-ZD001 (ZDC TOWER)
Entries 8332720
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

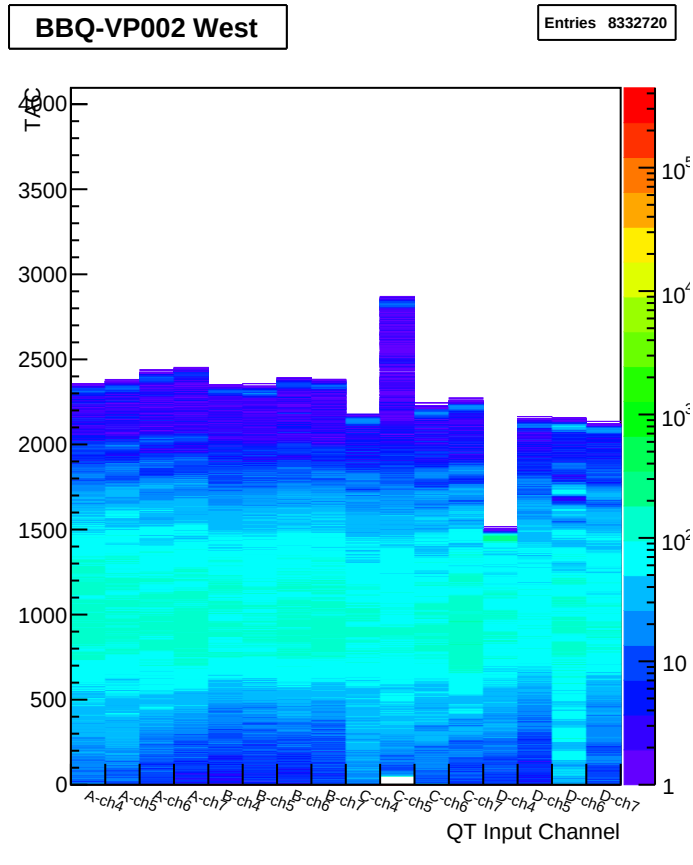

rawzdcEastTac
Entries 520795

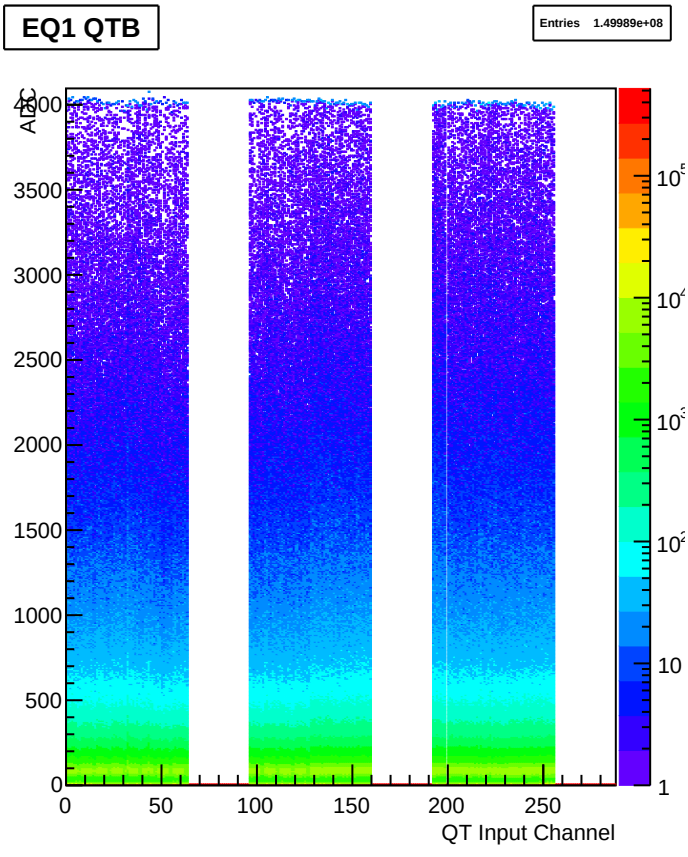

rawzdcWestTac
Entries 520795

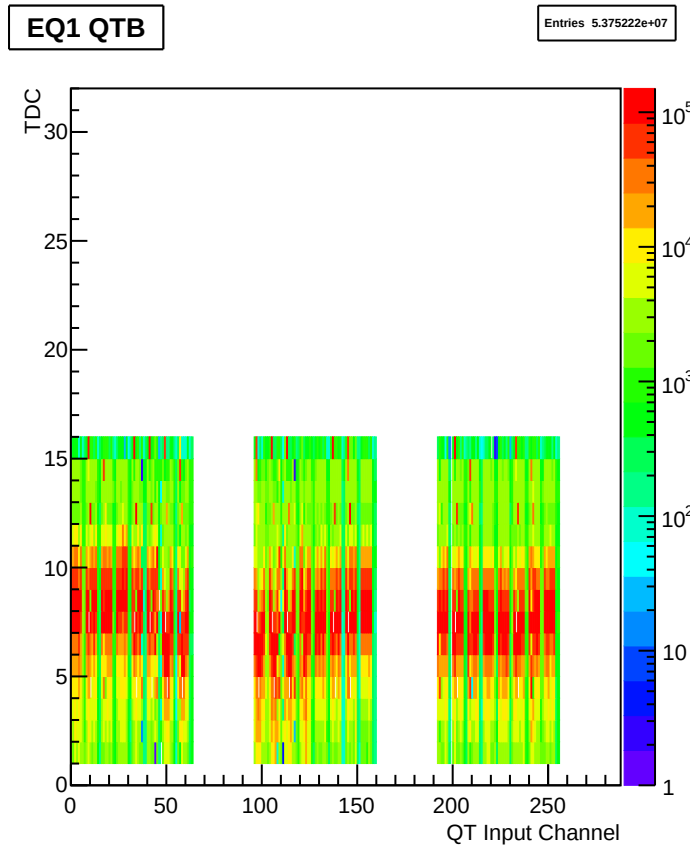

BBQ-VP001 East
Entries 8332720
ADC
QT Input Channel

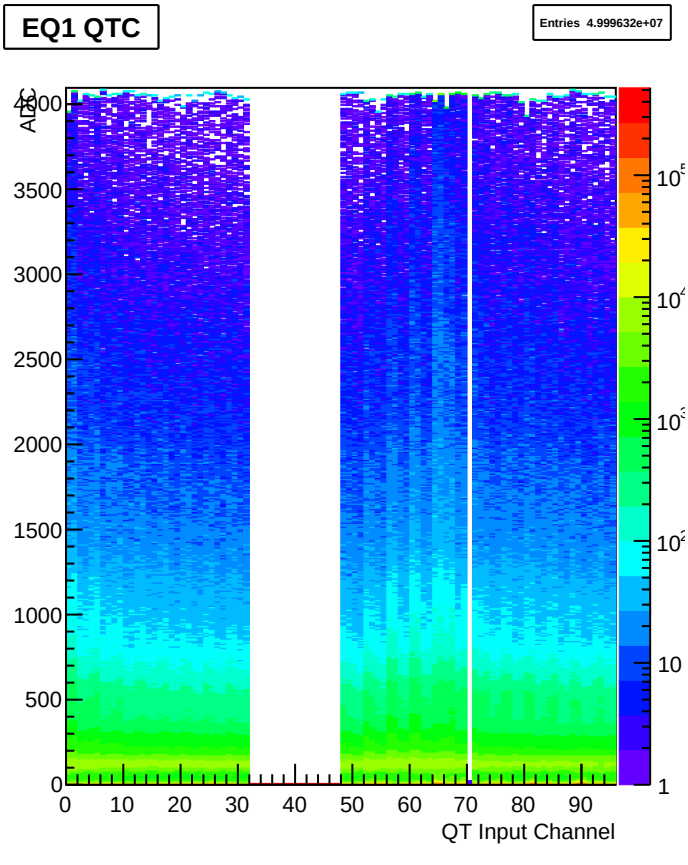

BBQ-VP001 East
Entries 8332720
ADC
QT Input Channel

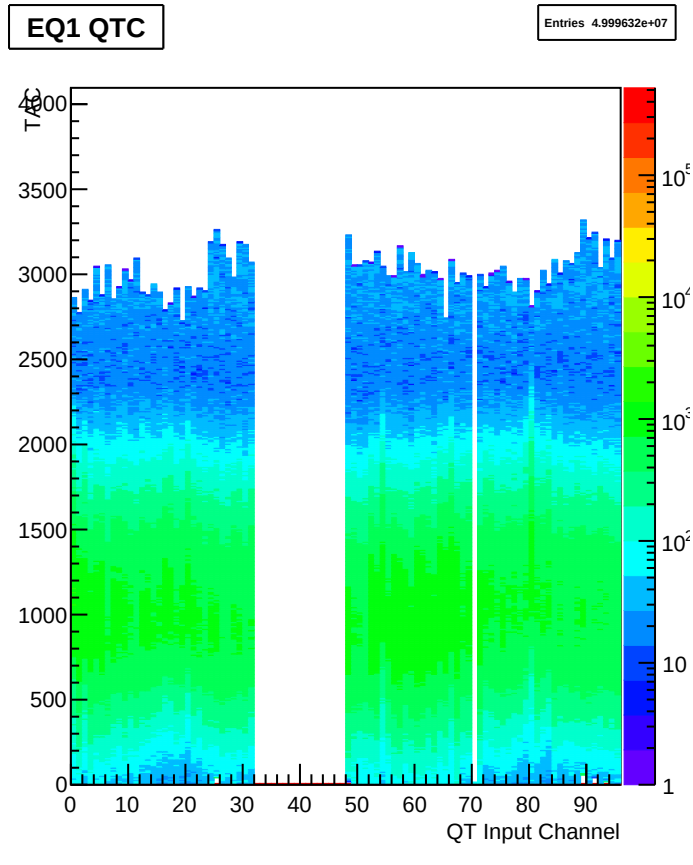

BBQ-VP002 West
Entries 8332720
ADC
QT Input Channel

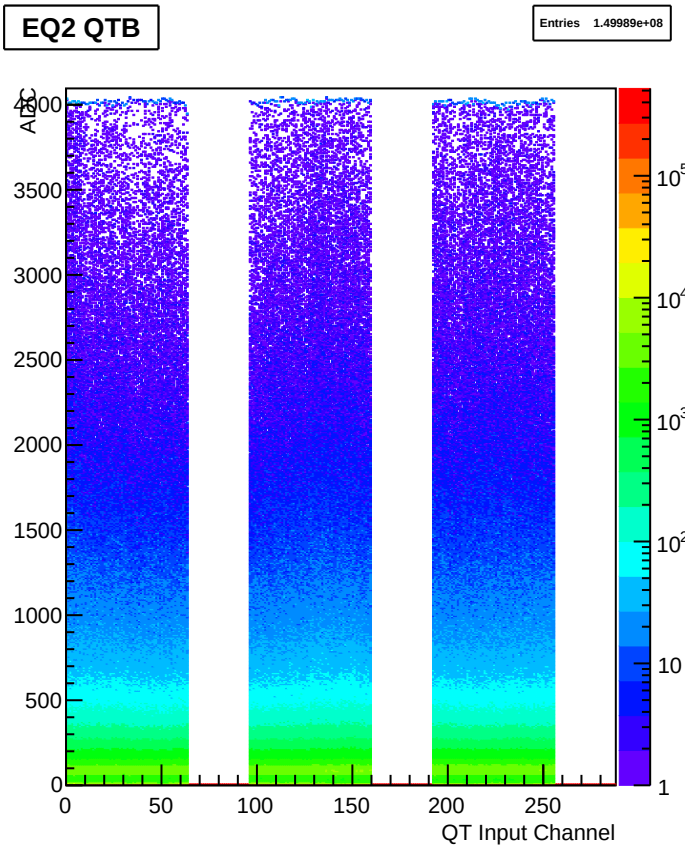

BBQ-VP002 West
Entries 8332720
ADC
QT Input Channel

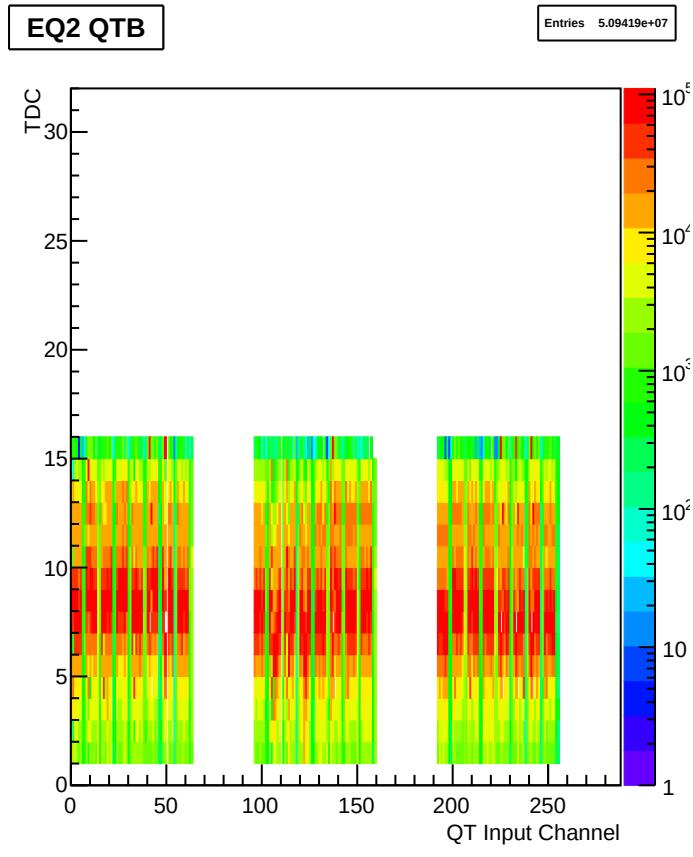

EQ1 QTB
Entries 1.49989e+08
ADC
QT Input Channel

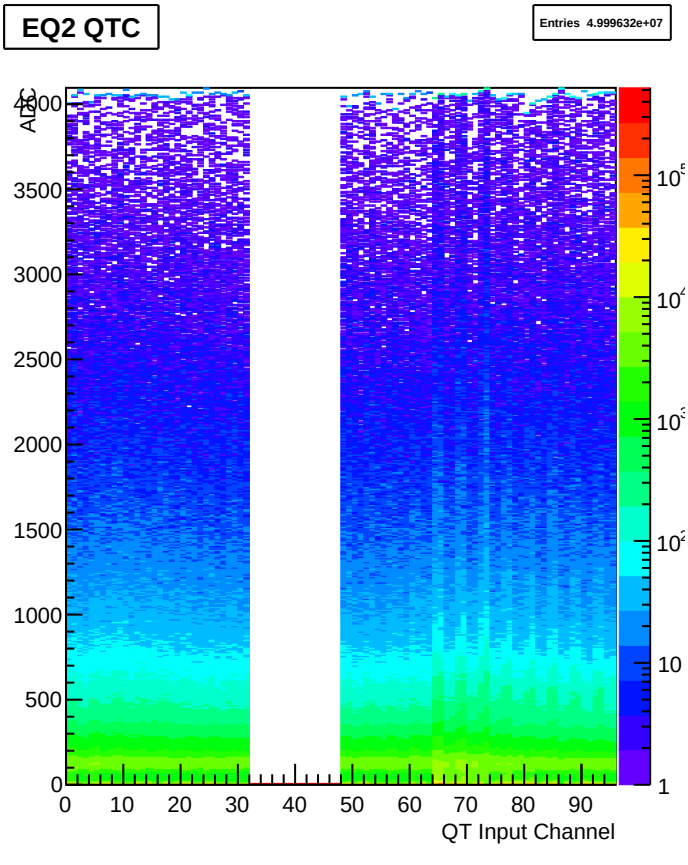

EQ1 QTB
Entries 5.375222e+07
TDC
QT Input Channel

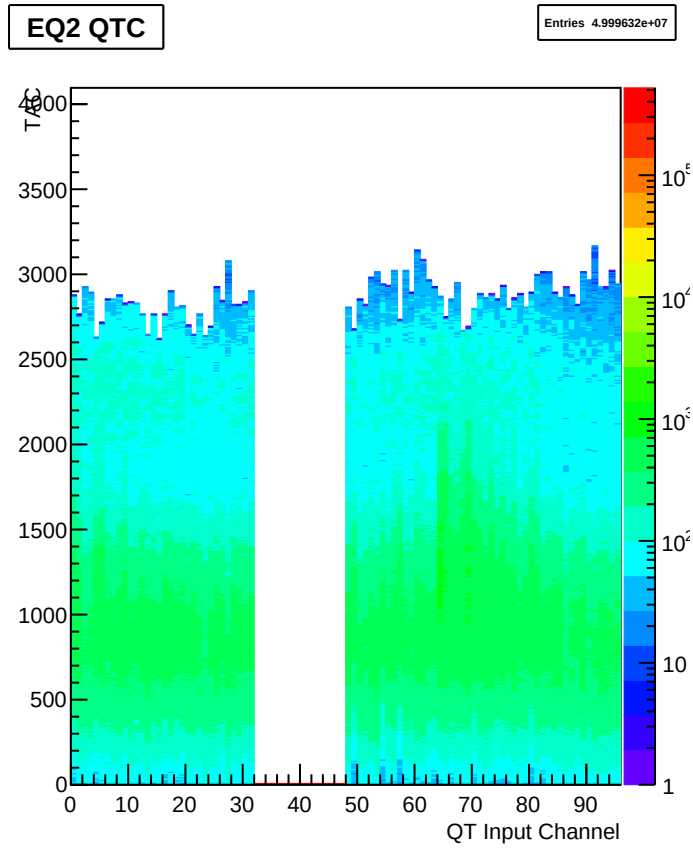

EQ1 QTC
Entries 4.999632e+07
ADC
QT Input Channel

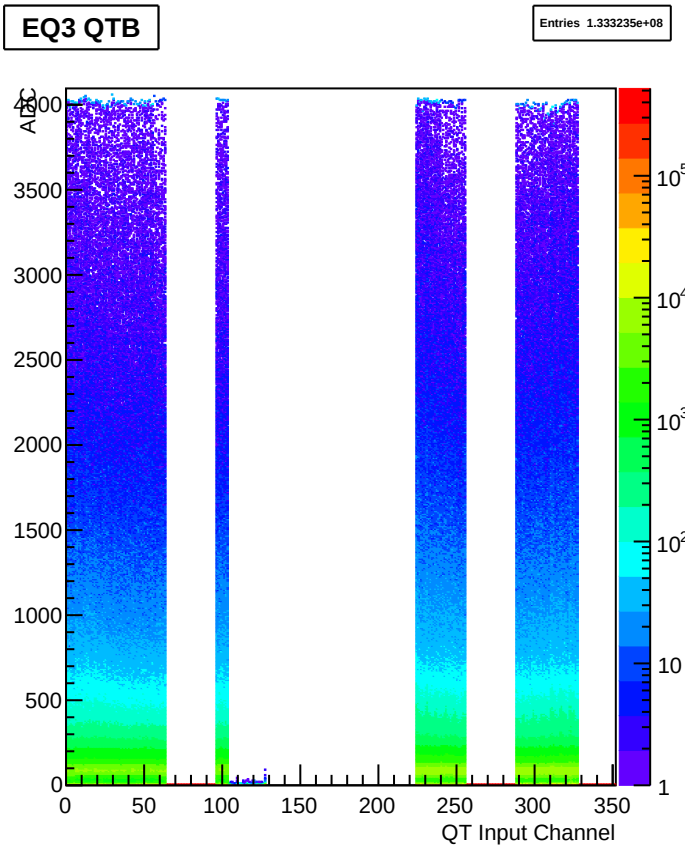

EQ1 QTC
Entries 4.999632e+07
TADC
QT Input Channel

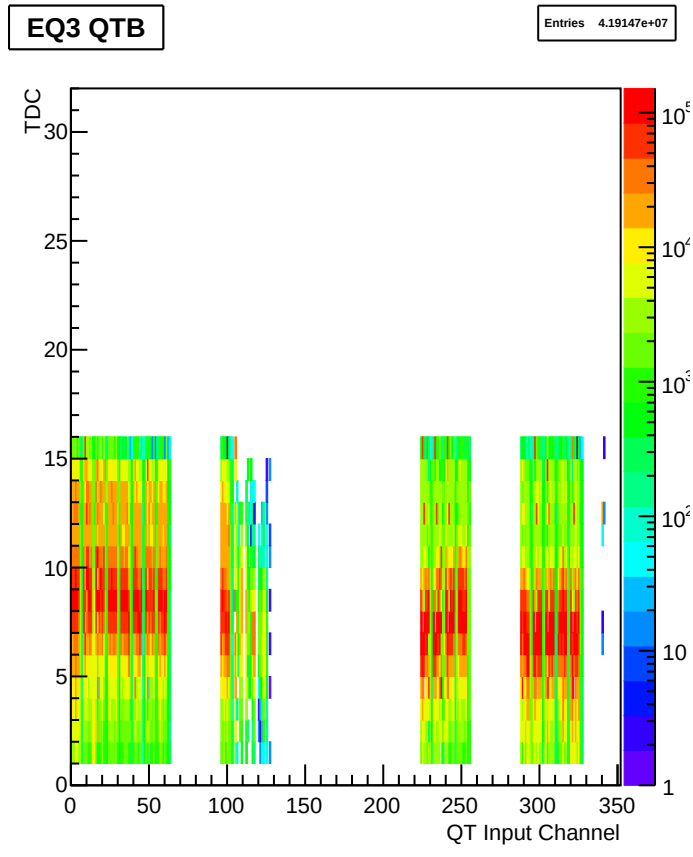

EQ2 QTB
Entries 1.49989e+08
ADC
QT Input Channel

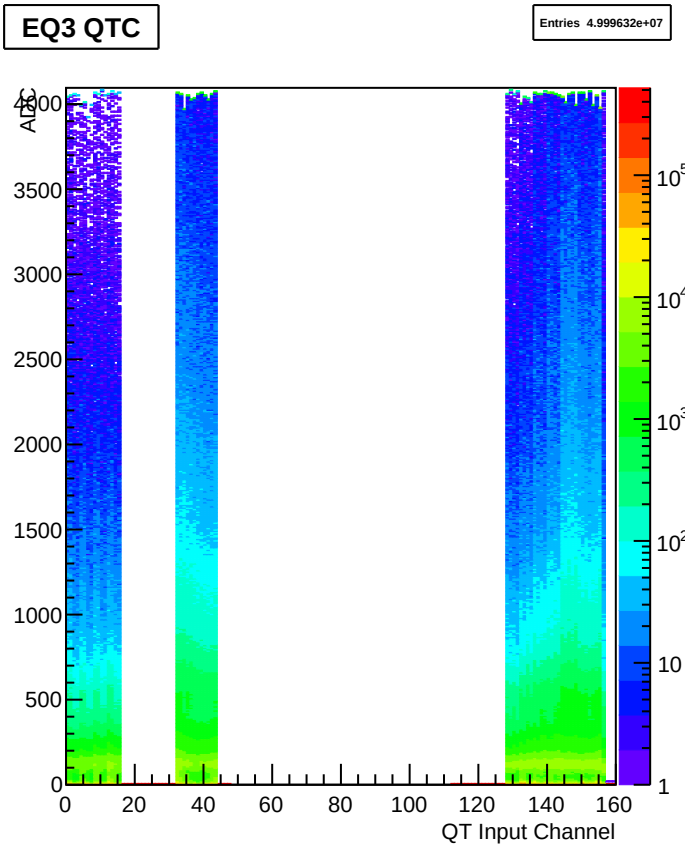

EQ2 QTB
Entries 5.09419e+07
TDC
QT Input Channel

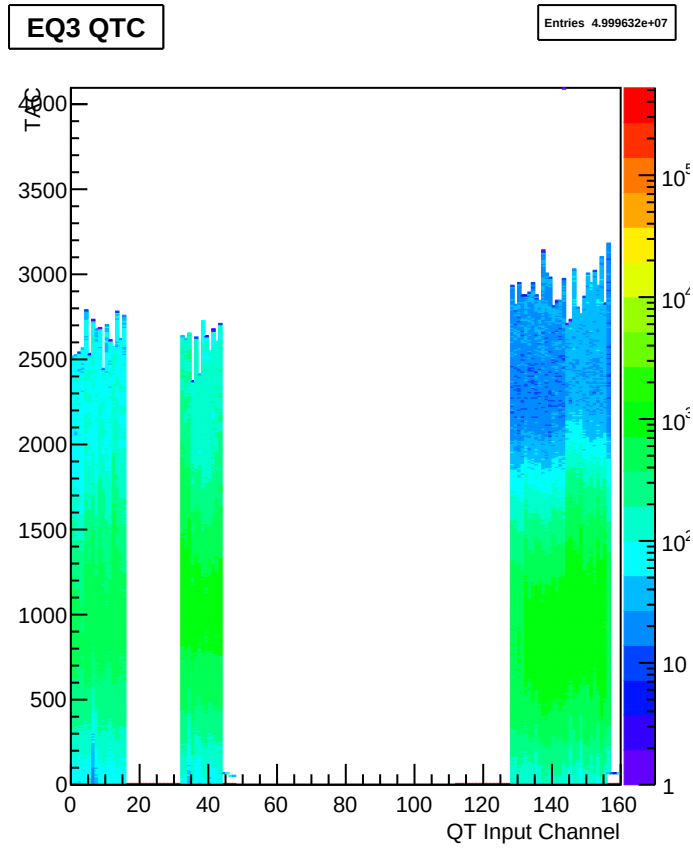

EQ2 QTC
Entries 4.999632e+07
ADC
QT Input Channel

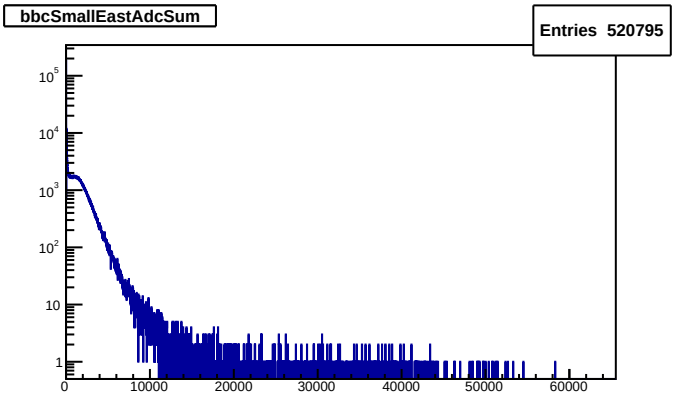

EQ2 QTC
Entries 4.999632e+07
TADC
QT Input Channel

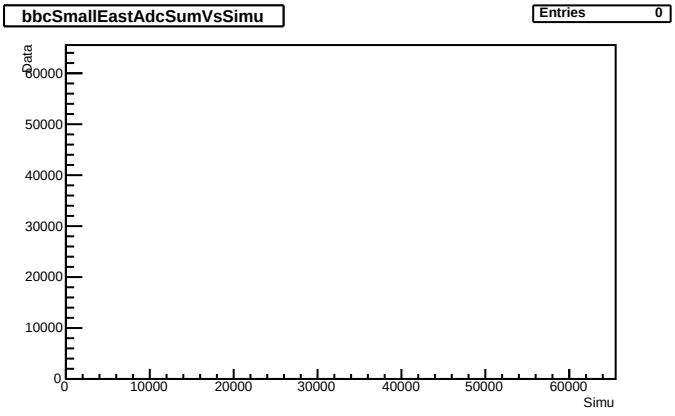

EQ3 QTB
Entries 1.333235e+08
ADC
QT Input Channel

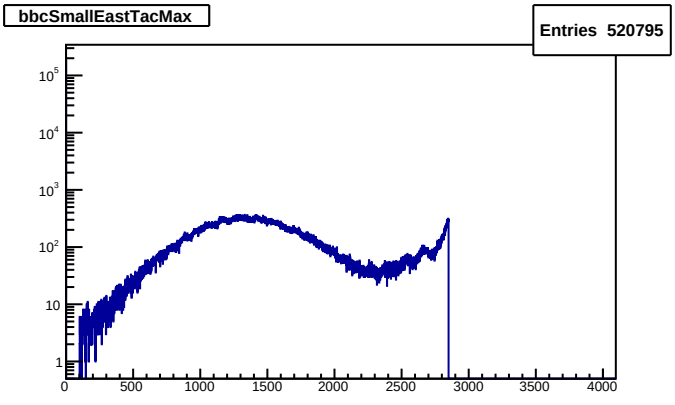

EQ3 QTB
Entries 4.19147e+07
TDC
QT Input Channel

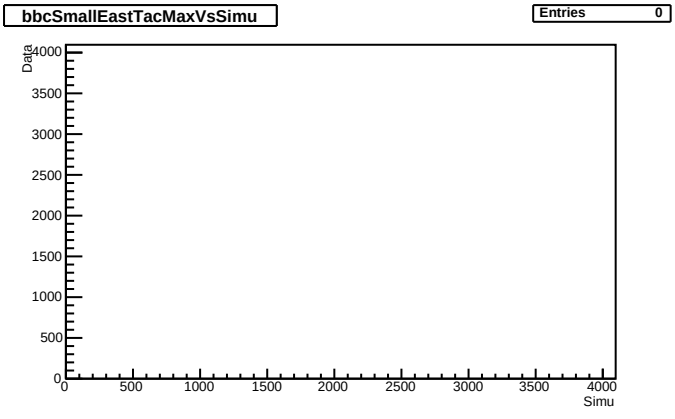

EQ3 QTC
Entries 4.999632e+07
ADC
QT Input Channel

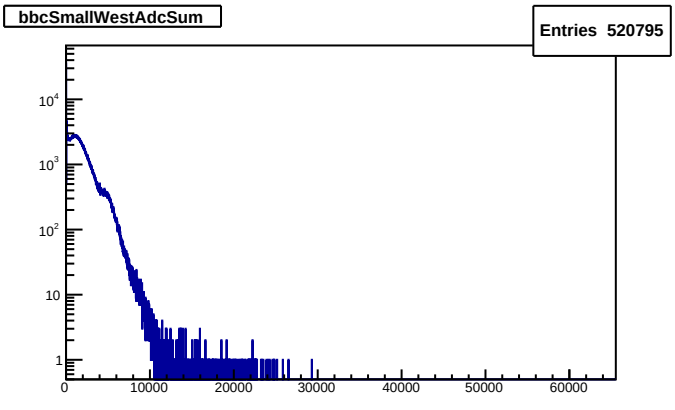

EQ3 QTC
Entries 4.999632e+07
TADC
QT Input Channel

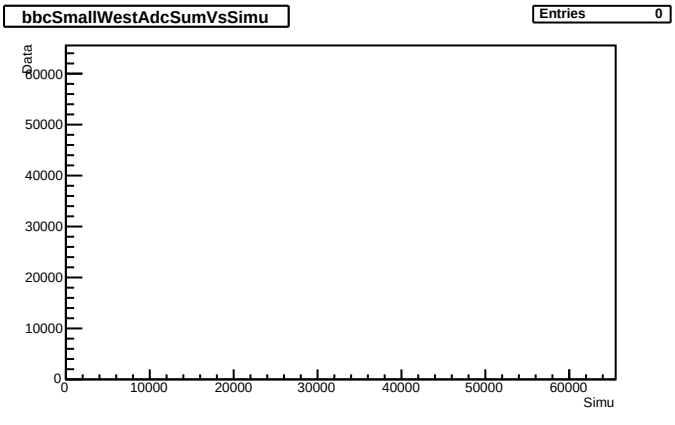

bbcSmallEastAdcSum
Entries 520795

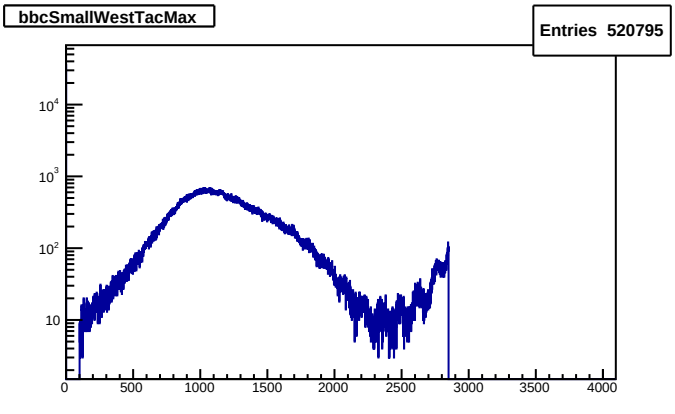

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

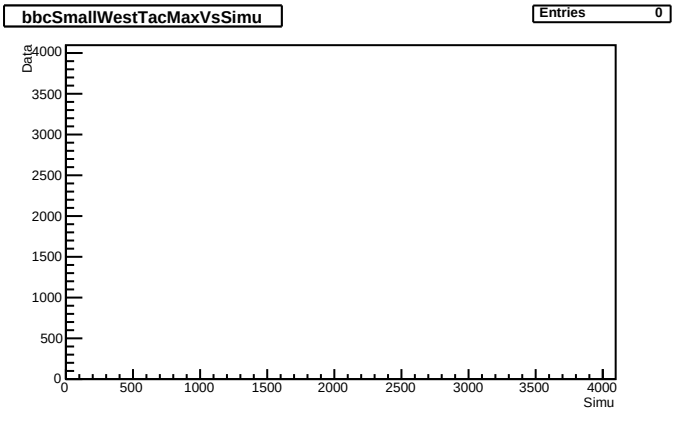

bbcSmallEastTacMax
Entries 520795

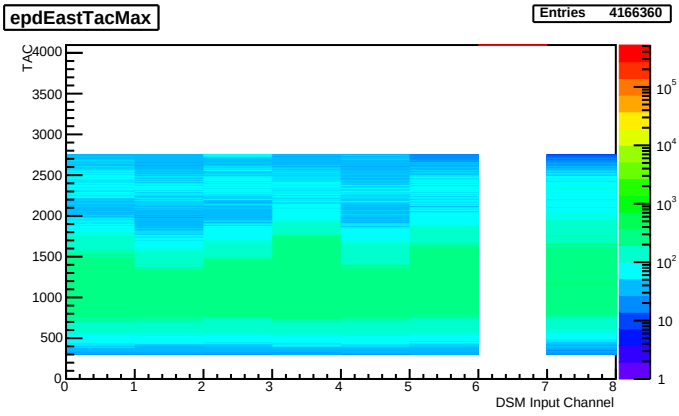

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

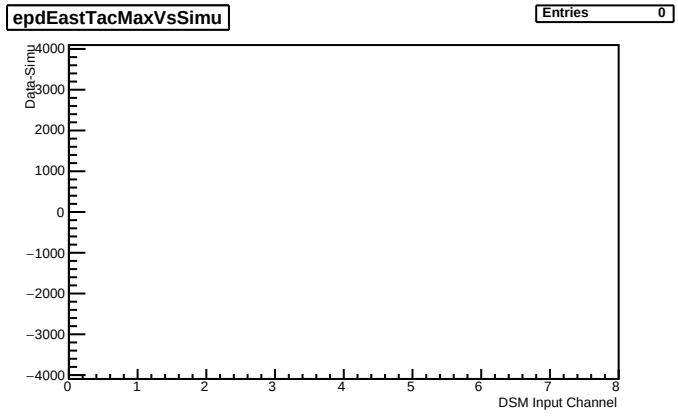

bbcSmallWestAdcSum
Entries 520795

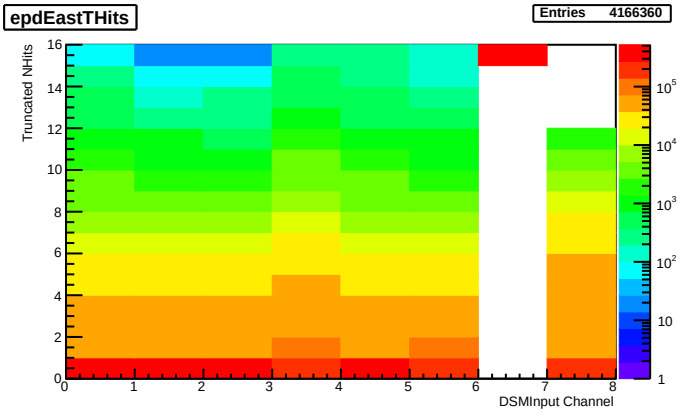

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

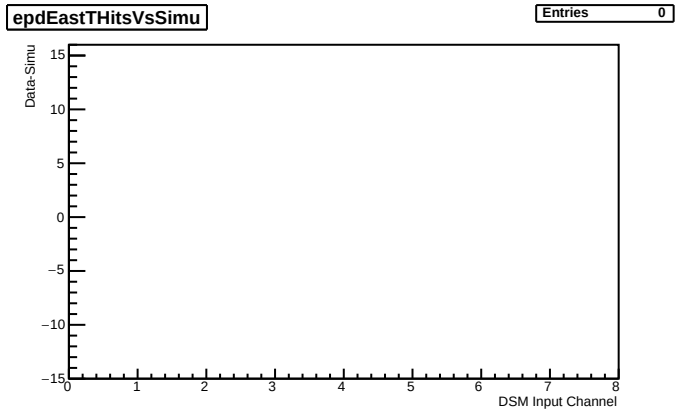

bbcSmallWestTacMax
Entries 520795


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4166360
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4166360
Truncated NHits
DSMInput Channel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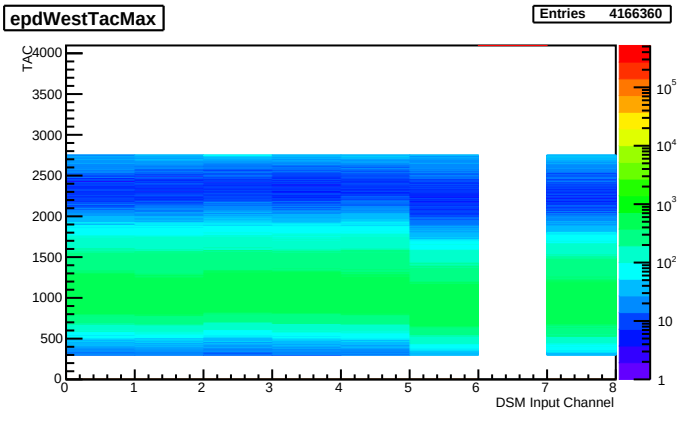
Entries 0
Data-Simu
DSM Input Channel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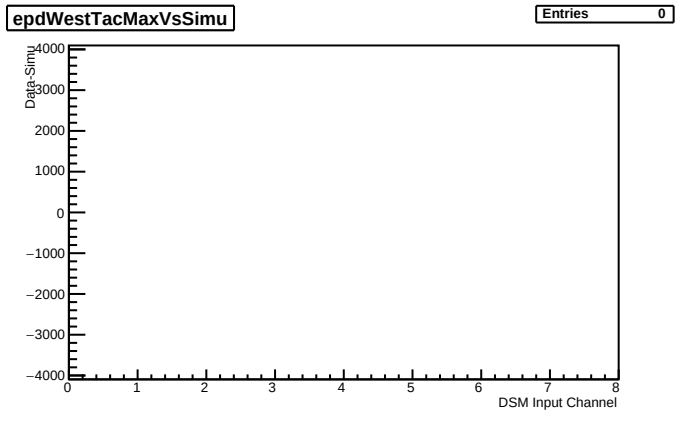
DSM Input Channel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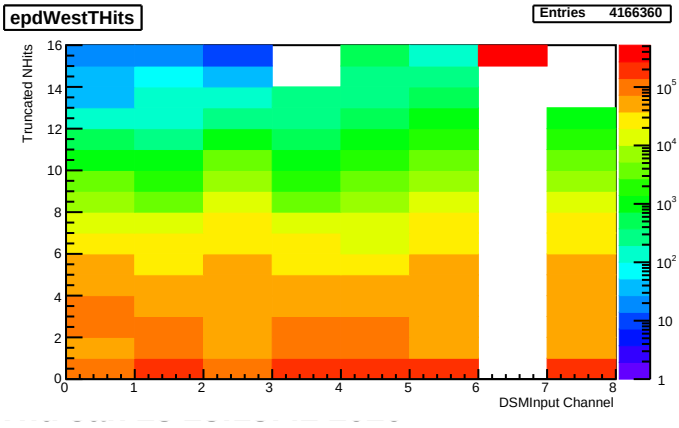
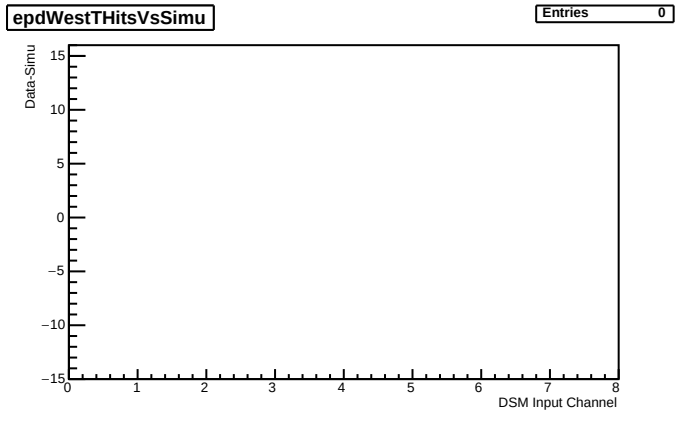
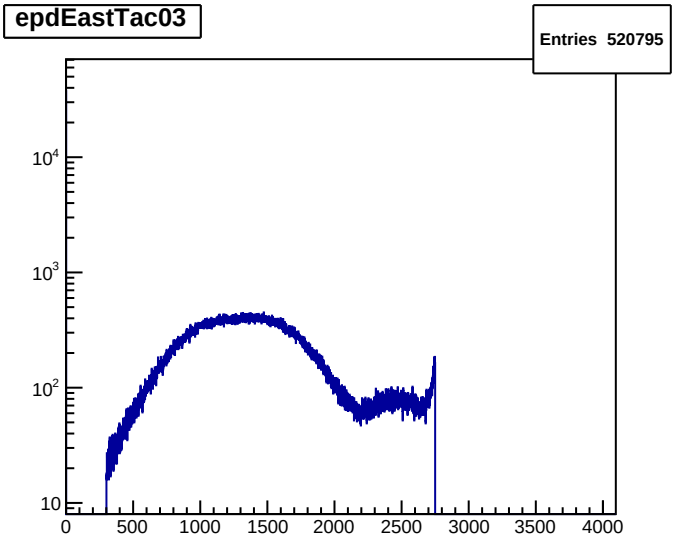
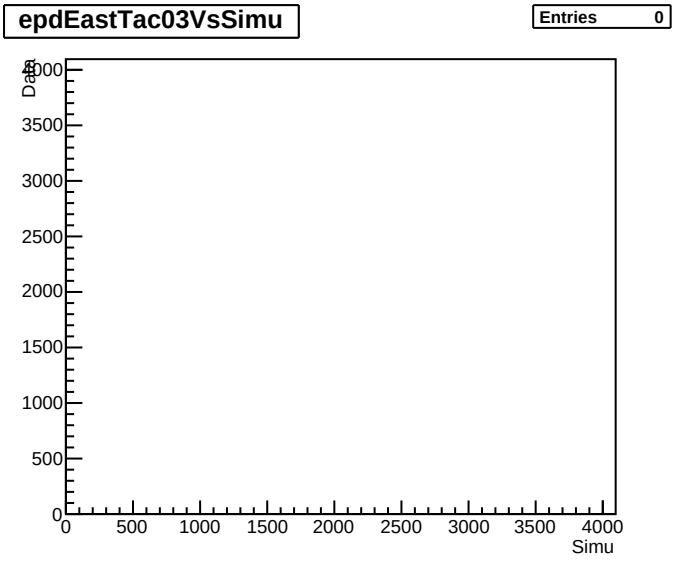
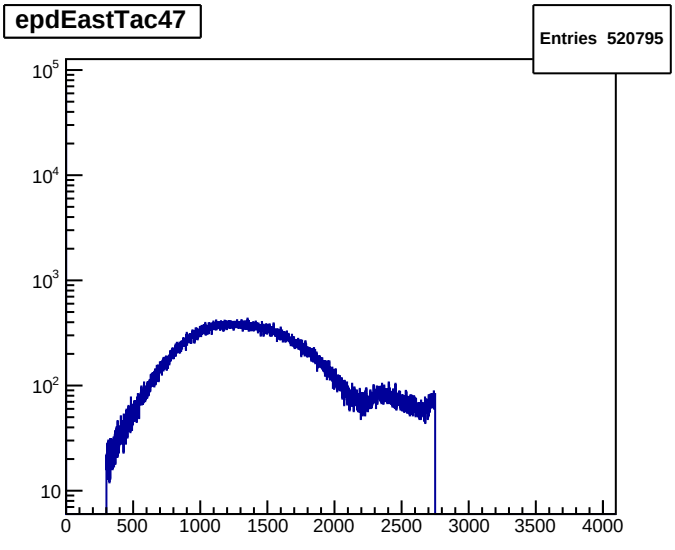
Entries 0
Data-Simu
DSM Input Channel

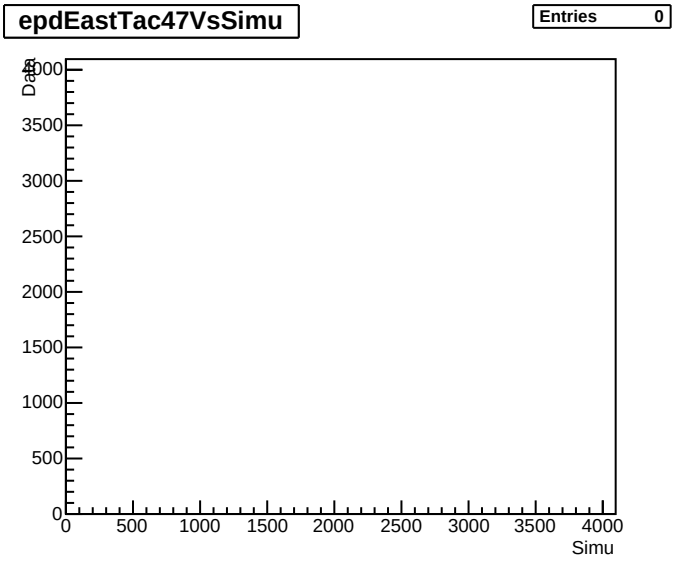

epdWestTHits
Entries 4166360
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 520795


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 520795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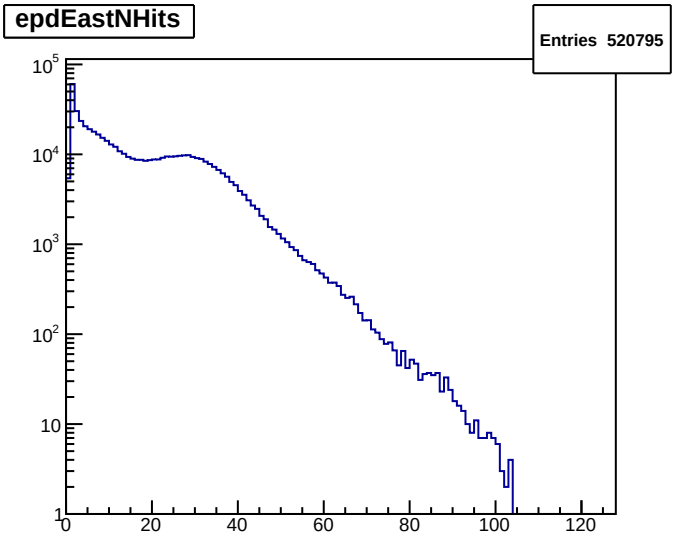
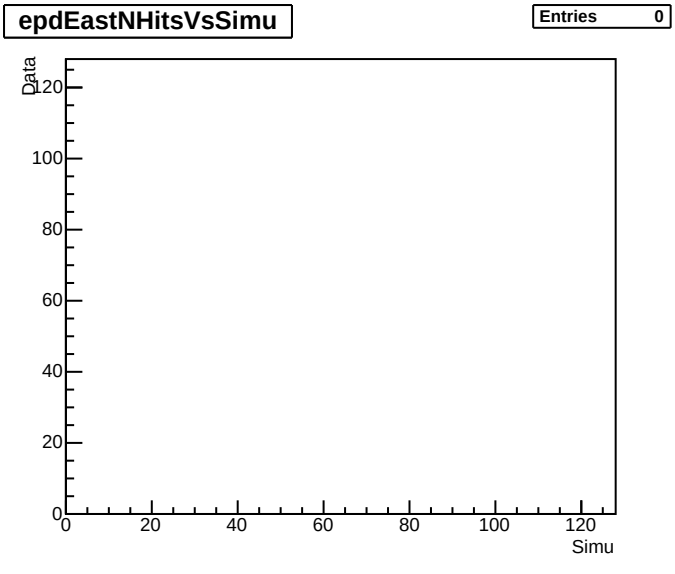
Entries 0
Data
Simu


epdEastNHits
Entries 520795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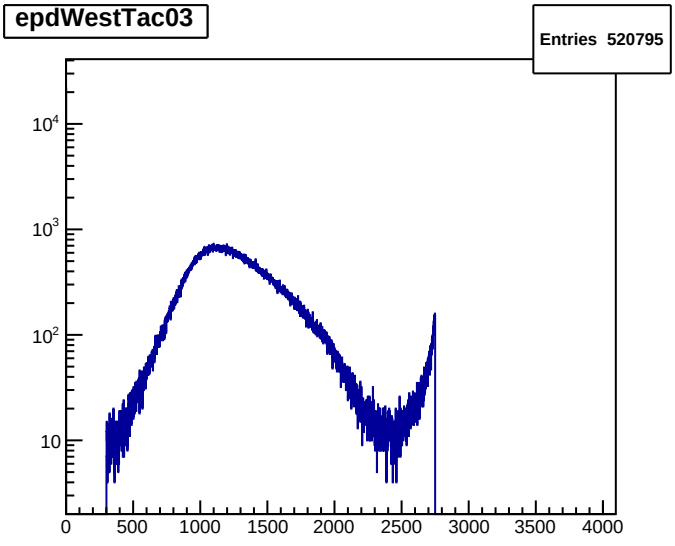
Entries 0
Data
Simu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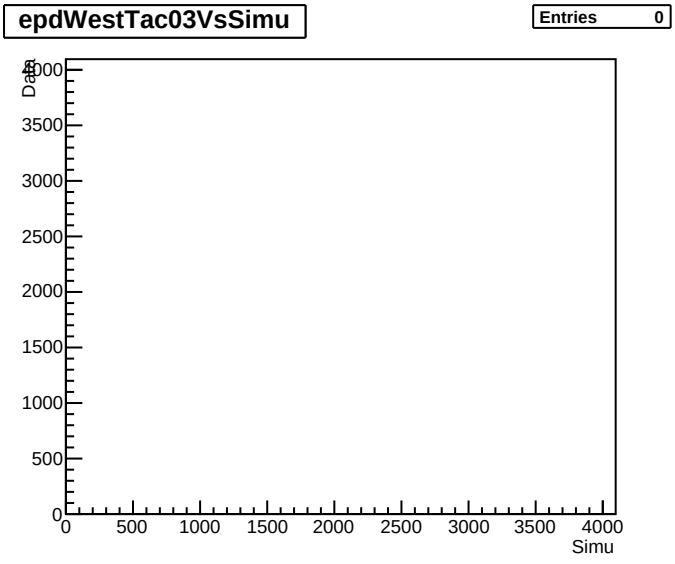
Entries 520795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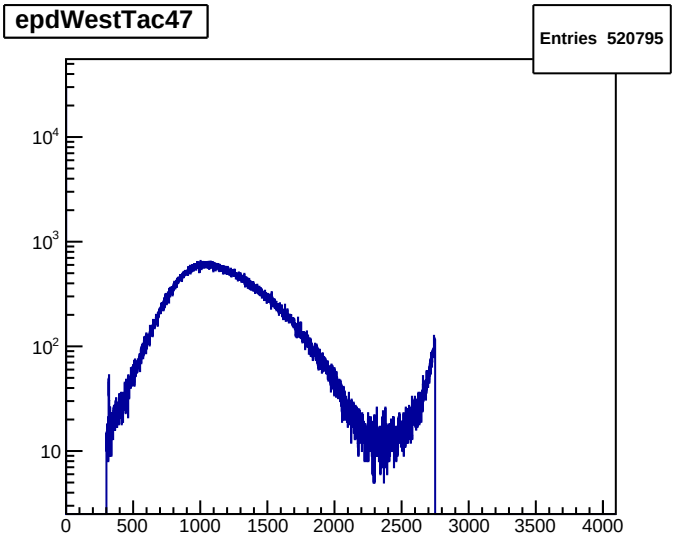
Entries 0
Data
Simu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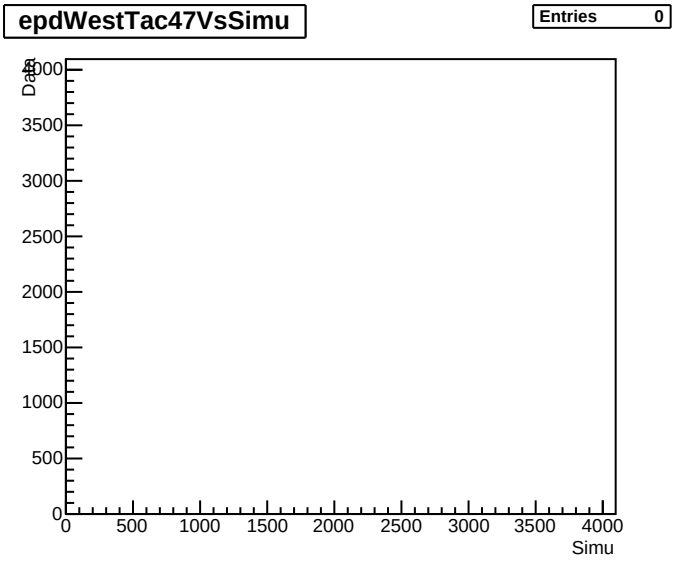
Entries 520795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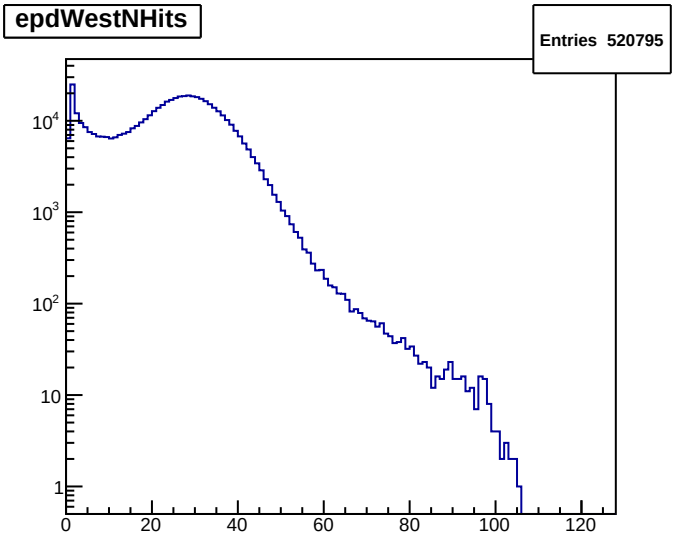
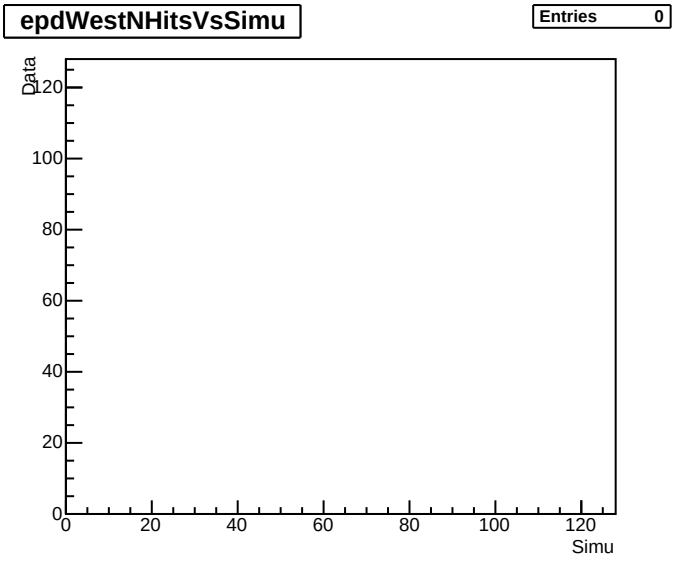
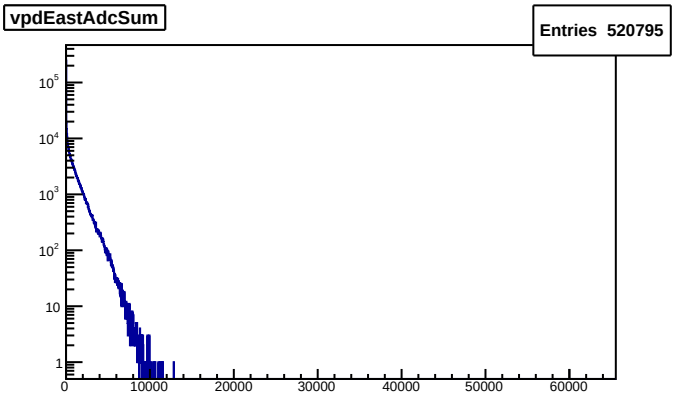
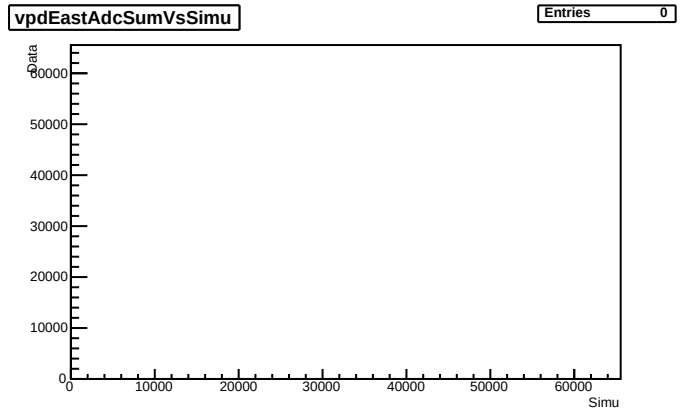
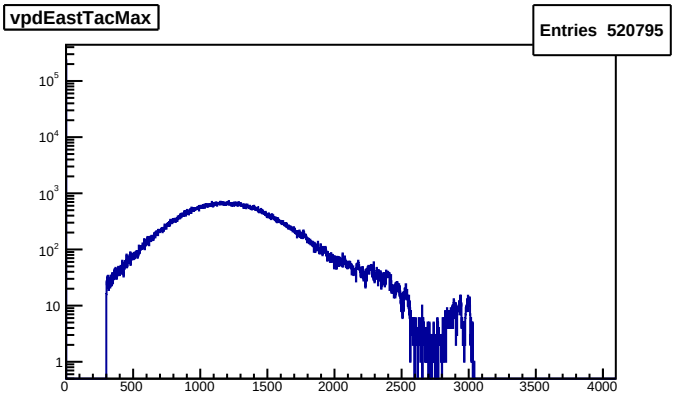
Entries 0
Data
Simu


epdWestNHits
Entries 520795


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 520795


vpdEastAdcSumVsSimu
Entries 0
Data
Simu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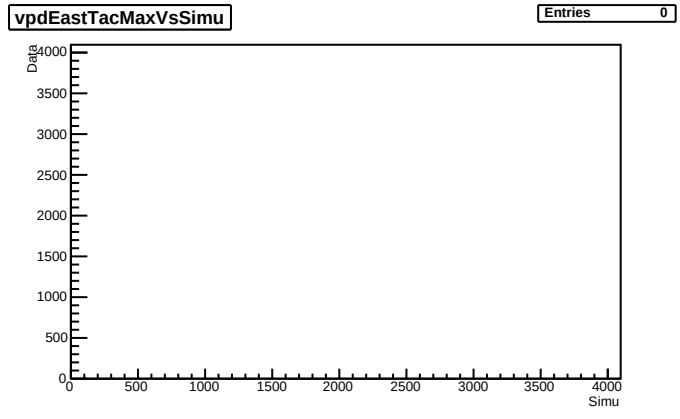
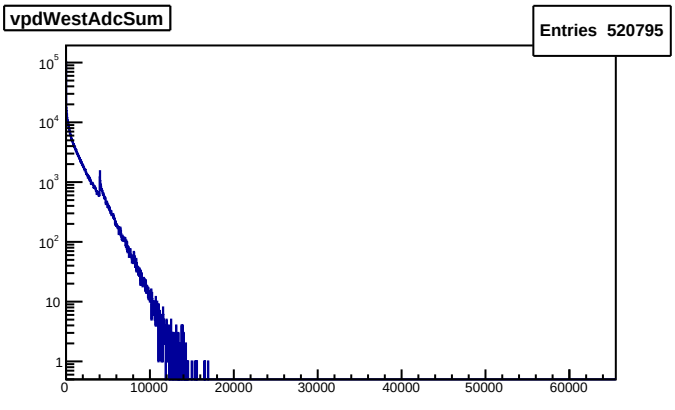
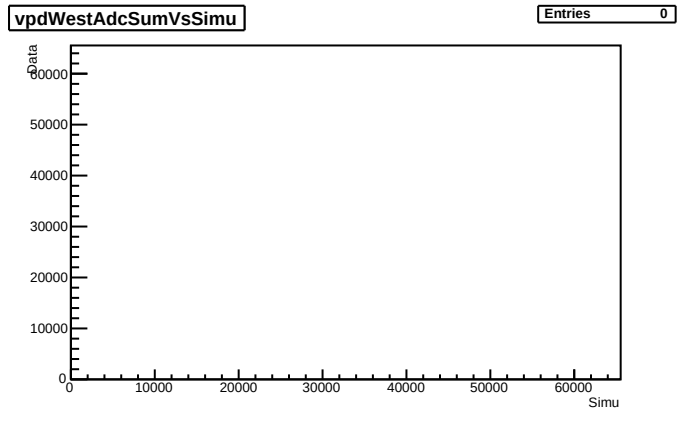
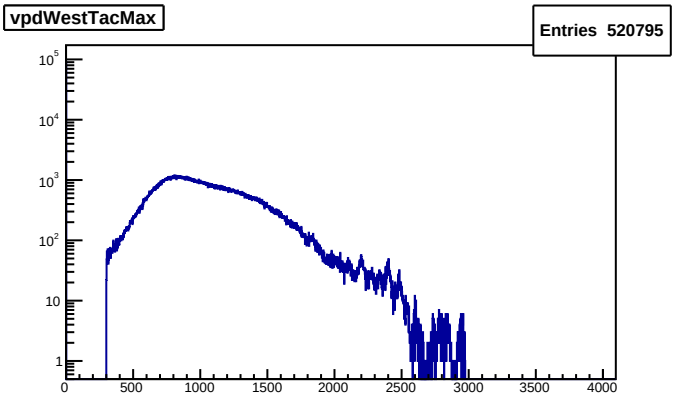
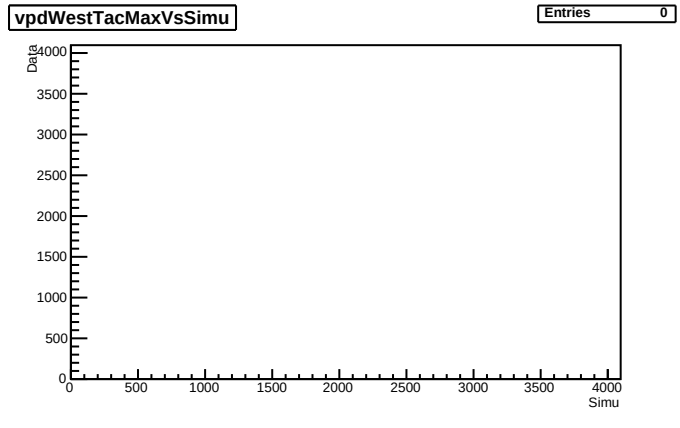
Entries 520795

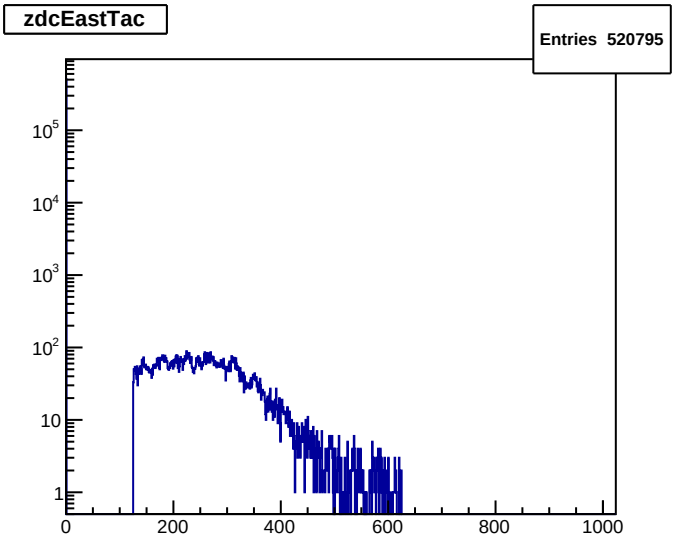

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

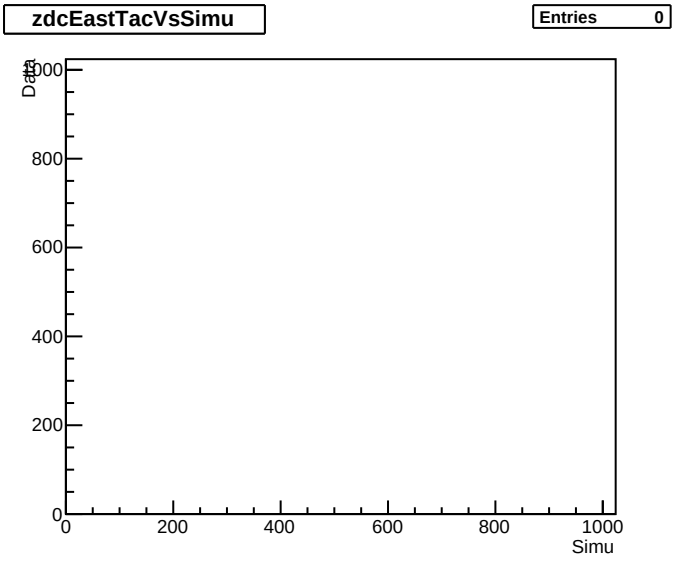

vpdWestAdcSum
Entries 520795

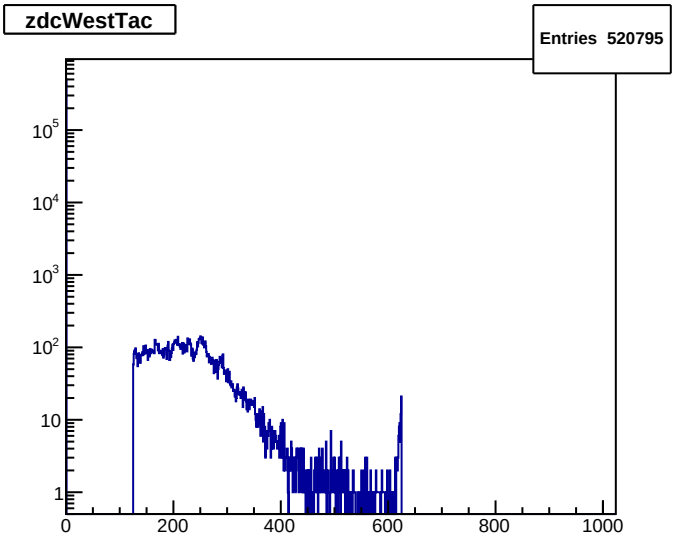

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

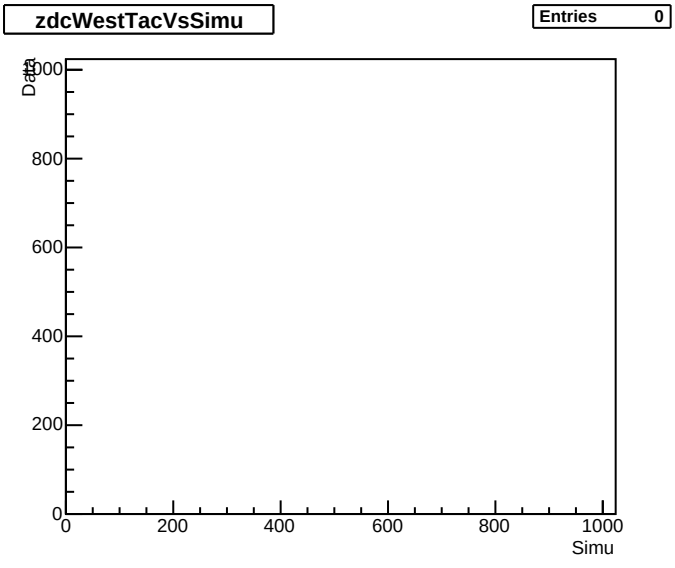

vpdWestTacMax
Entries 520795

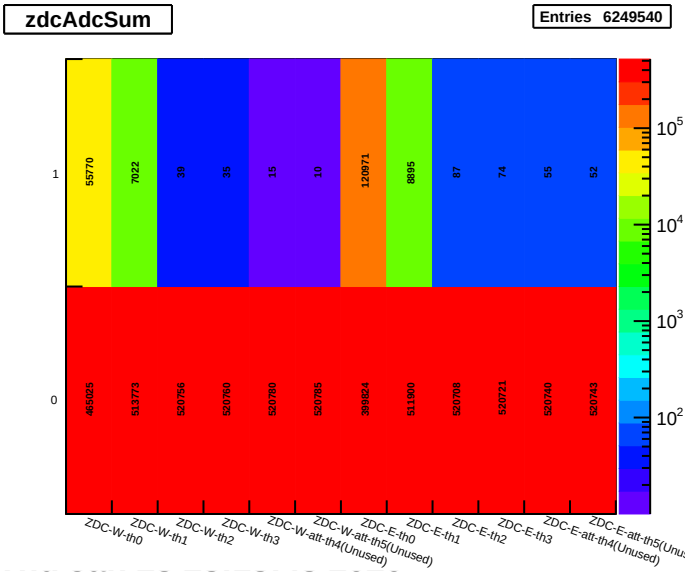

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

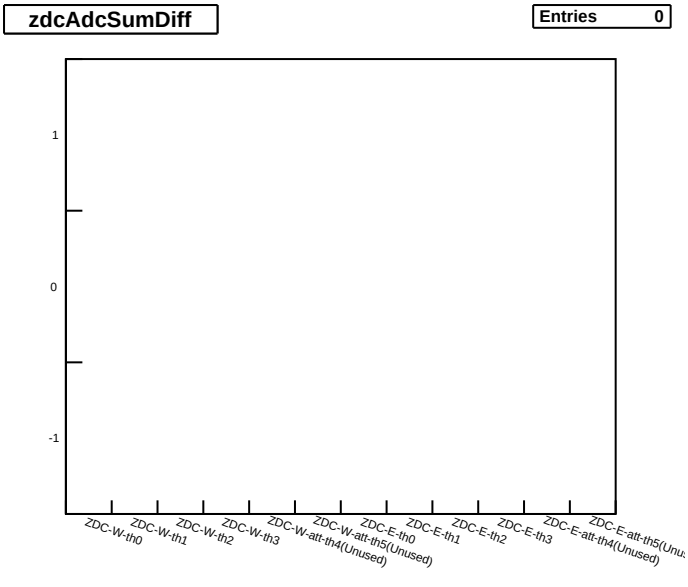

zdcEastTac
Entries 520795
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

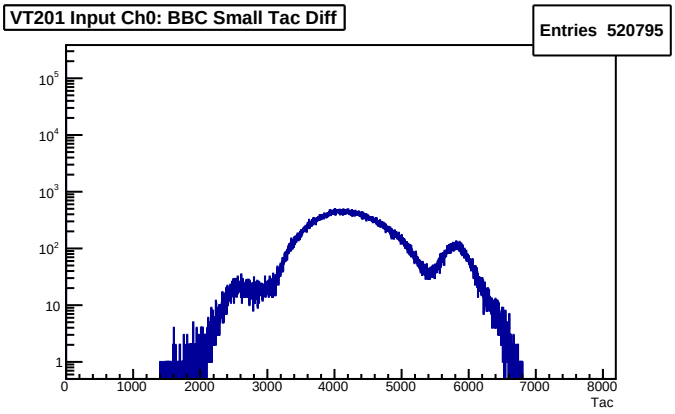

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

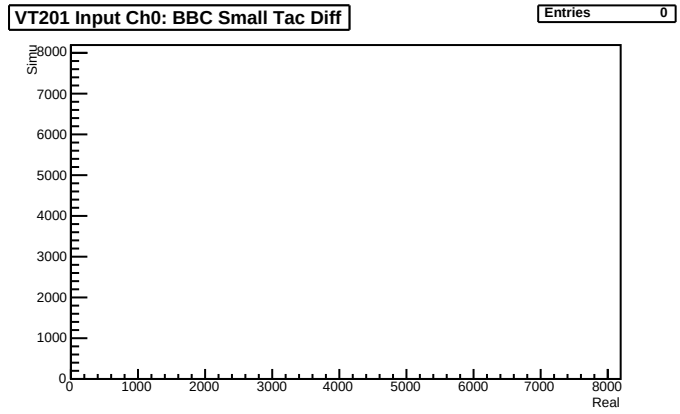

zdcWestTac
Entries 520795
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

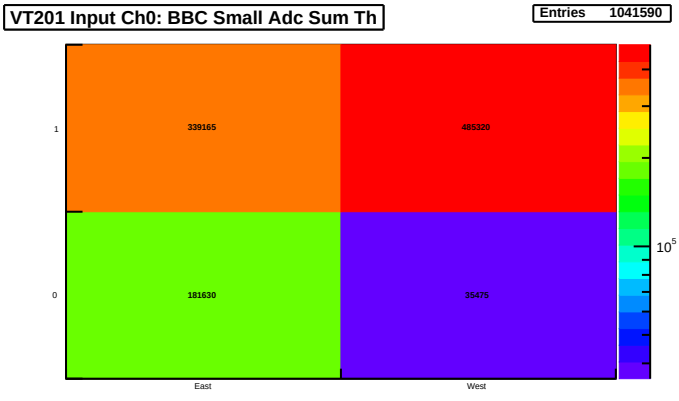

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

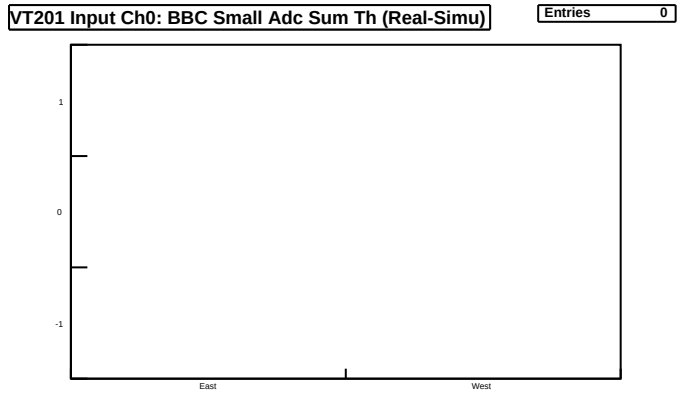

zdcAdcSum
Entries 6249540
1
0
55770
7022
39
35
15
10
120971
8895
87
74
55
52
465025
513773
520756
520760
520780
520785
399824
511900
520708
520721
520740
520743
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

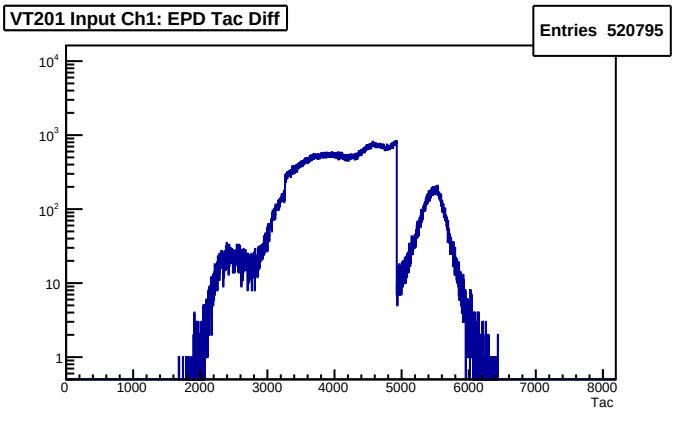

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

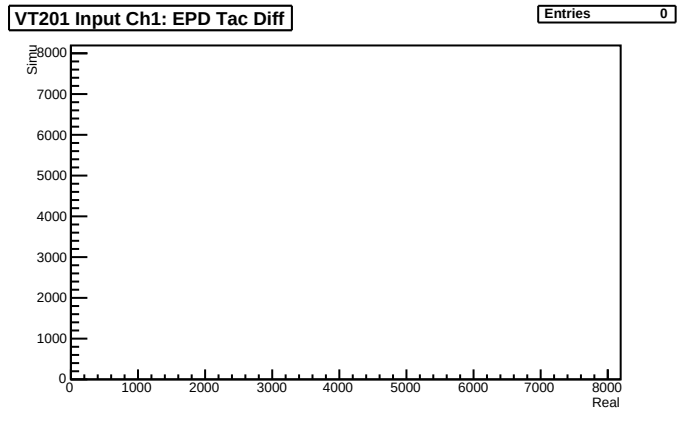

VT201 Input Ch0: BBC Small Tac Diff
Entries 520795
Tac

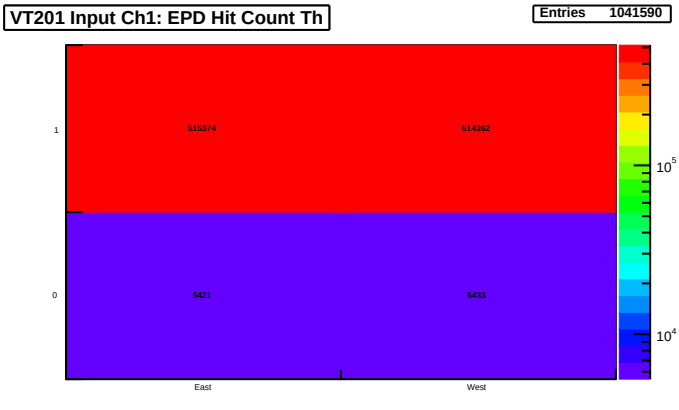

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

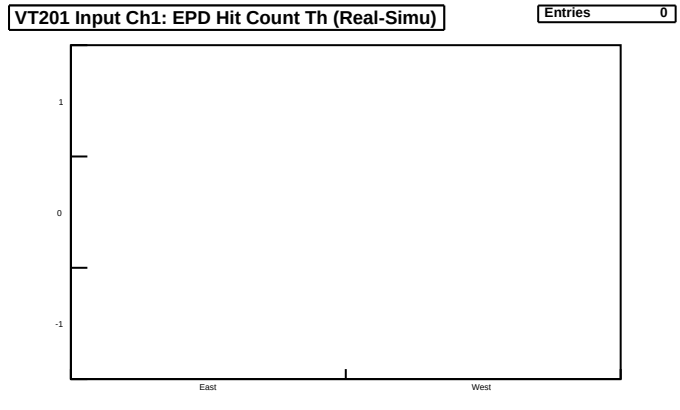

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1041590
339165
485320
181630
35475
East
West

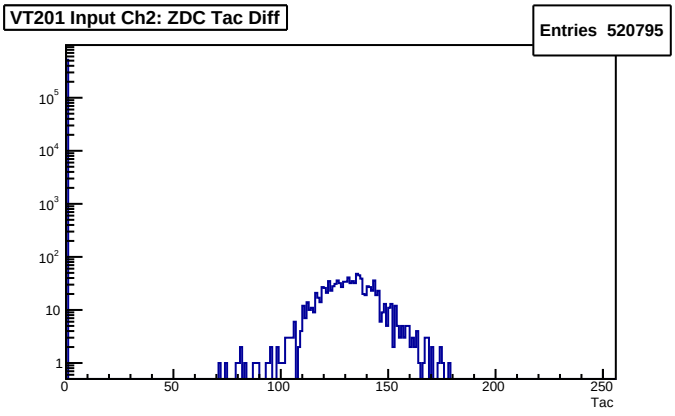

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

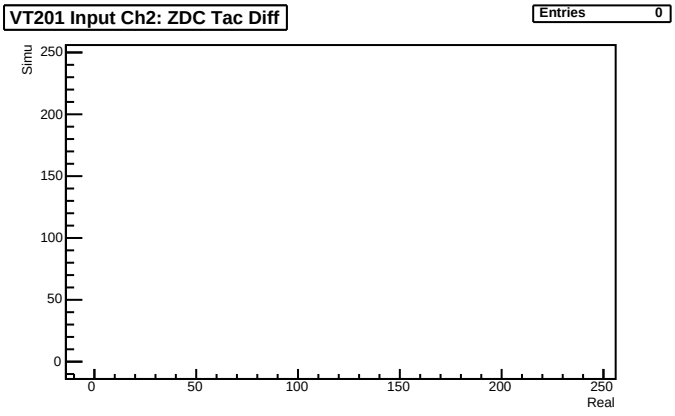

VT201 Input Ch1: EPD Tac Diff
Entries 520795
Tac

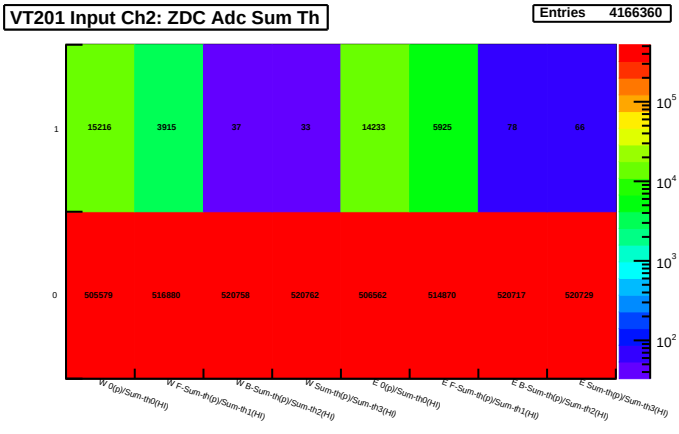

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

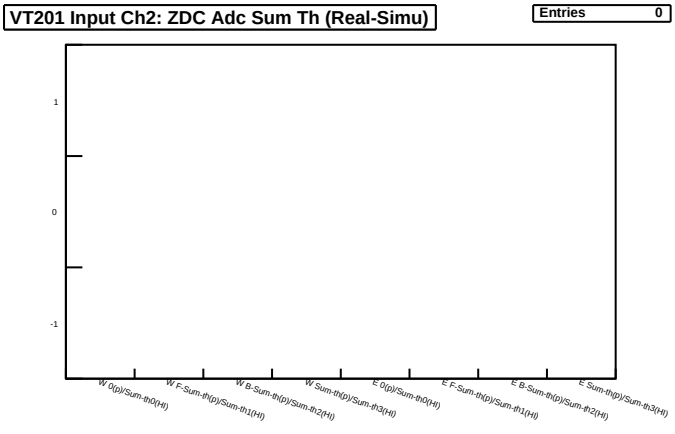

VT201 Input Ch1: EPD Hit Count Th
Entries 1041590
515374
514362
5421
6433
East
West

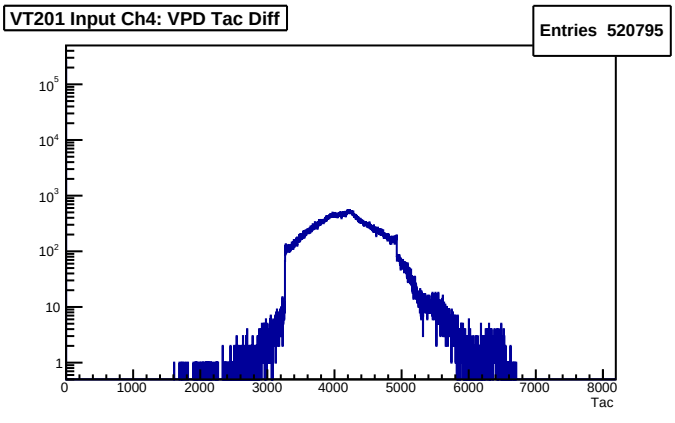

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

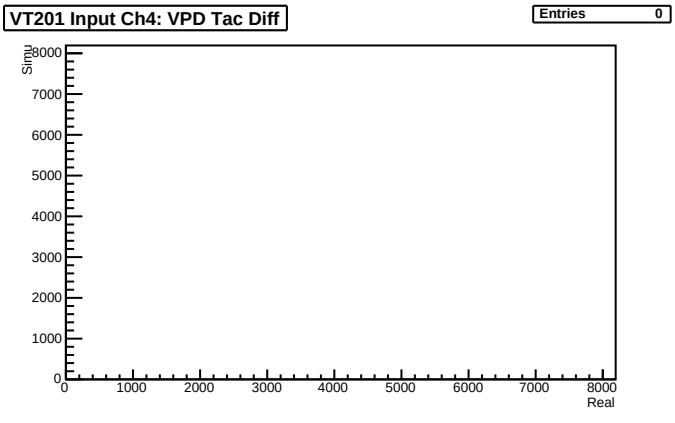

VT201 Input Ch2: ZDC Tac Diff
Entries 520795
Tac

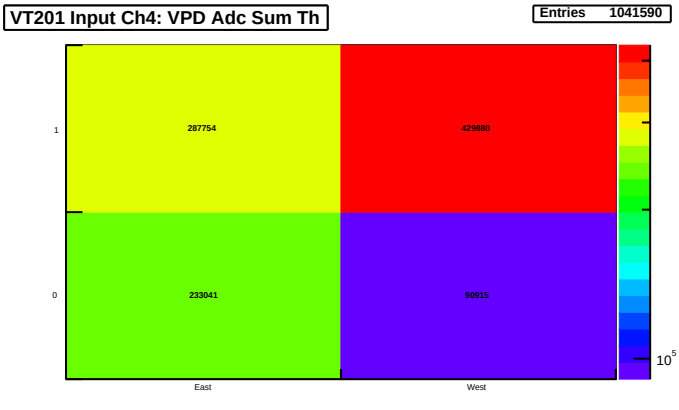

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

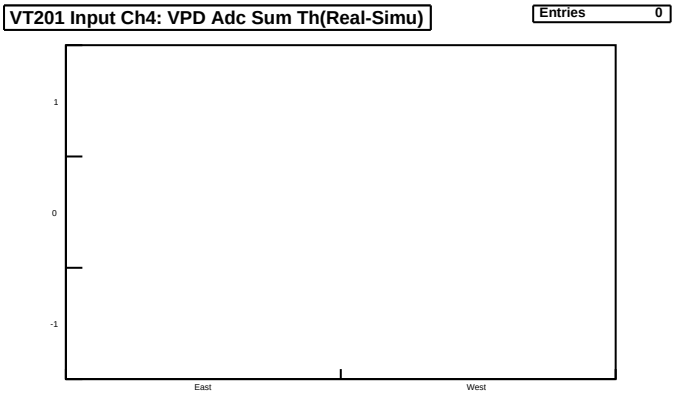

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4166360
15216
3915
37
33
14233
5925
78
66
505579
516880
520758
520762
506562
514870
520717
520729
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

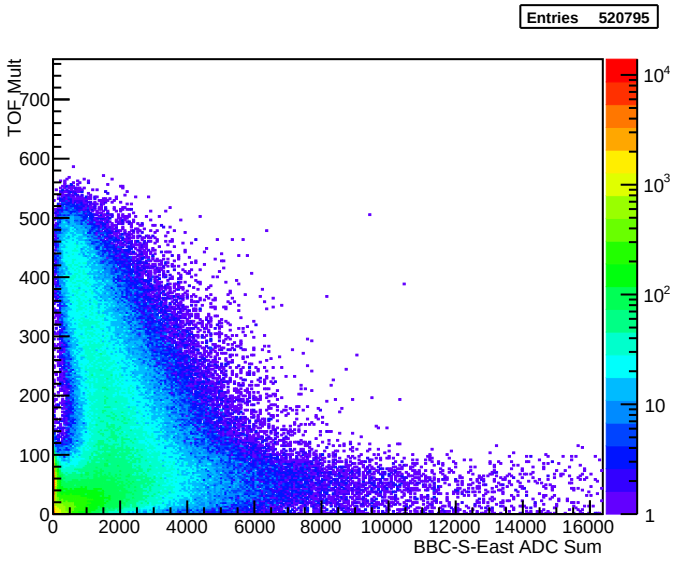

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

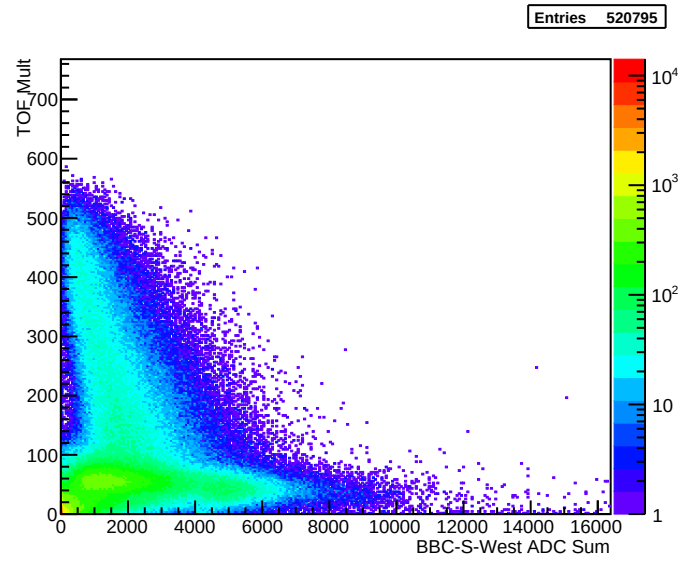

VT201 Input Ch4: VPD Tac Diff
Entries 520795
Tac

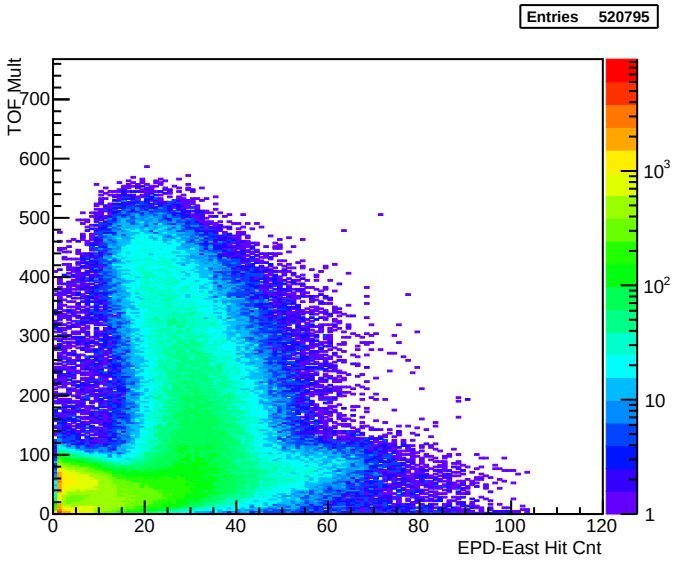

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

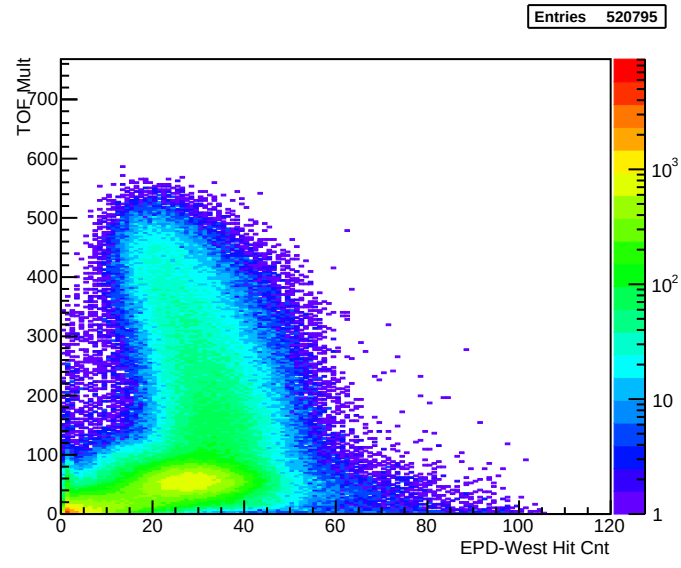

VT201 Input Ch4: VPD Adc Sum Th
Entries 1041590
287754
429880
233041
90915
East
West

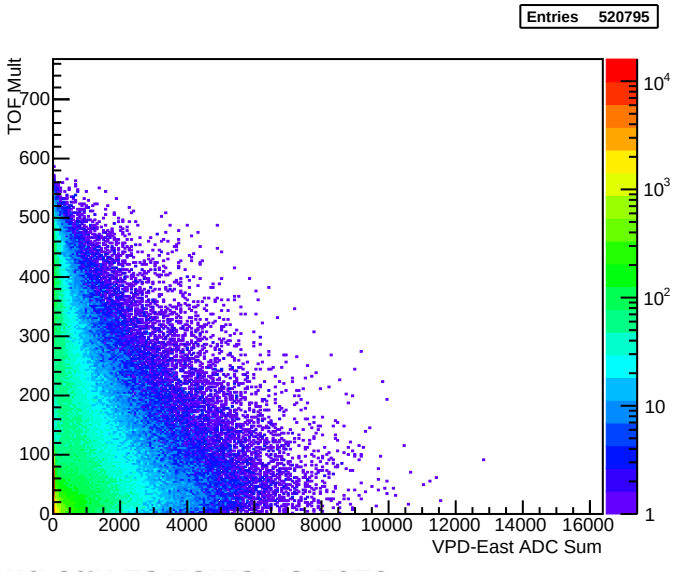

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

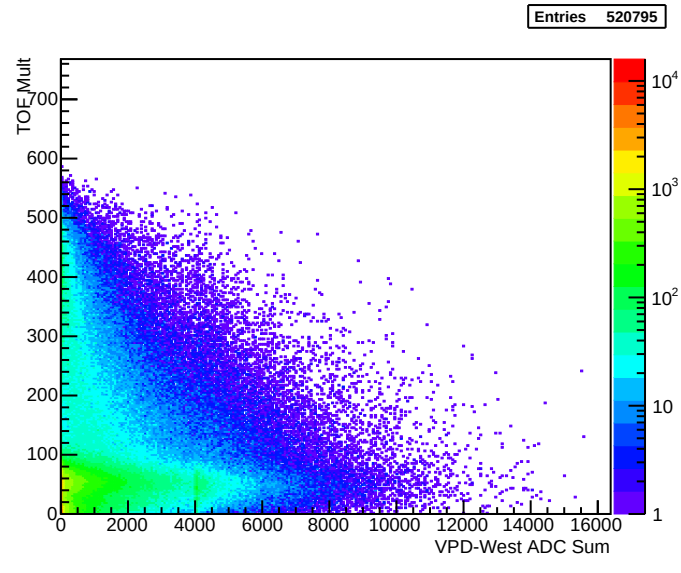

Entries 520795
TOF_Mult
BBC-S-East ADC Sum

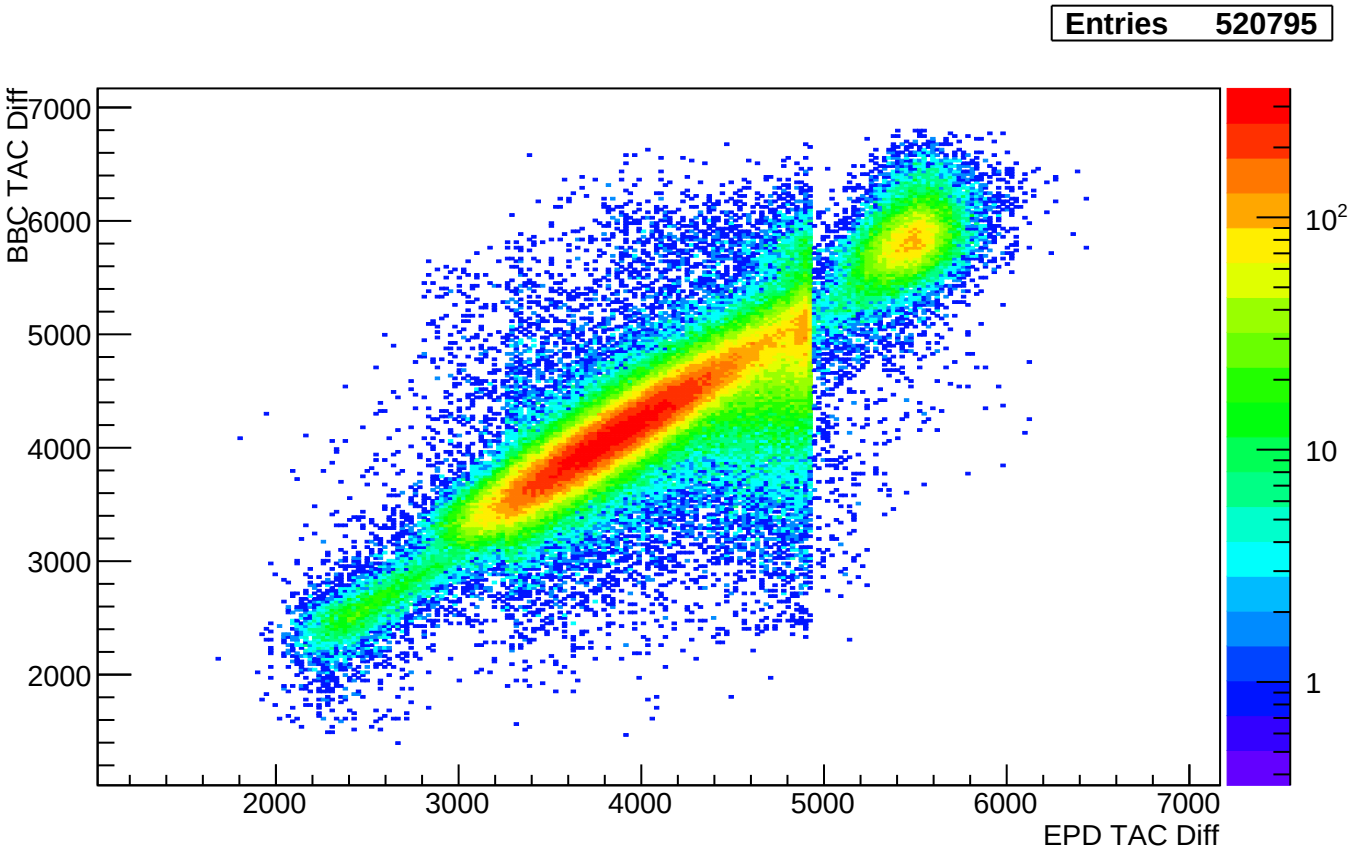

Entries 520795
TOF_Mult
BBC-S-West ADC Sum

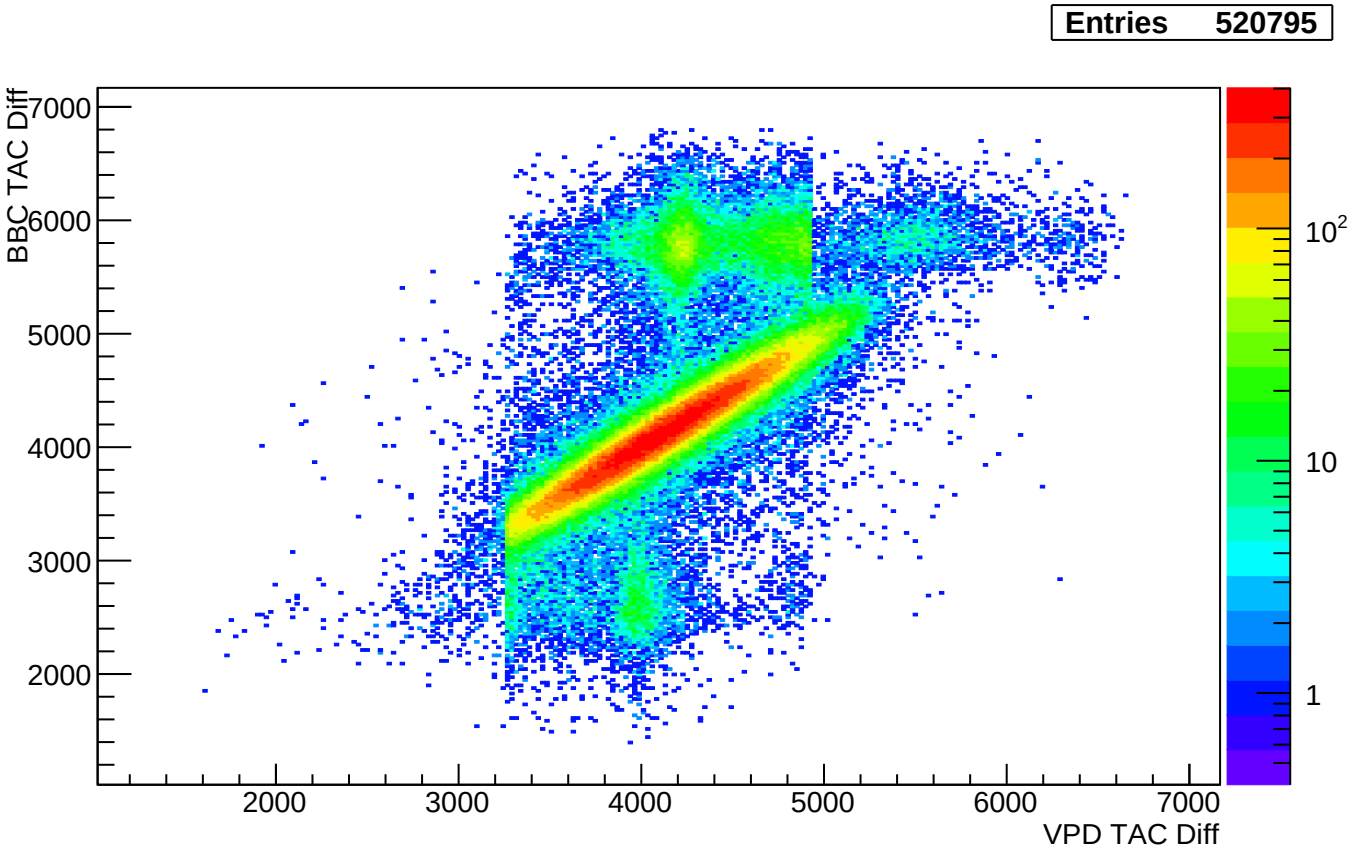

Entries 520795
TOF_Mult
EPD-East Hit Cnt

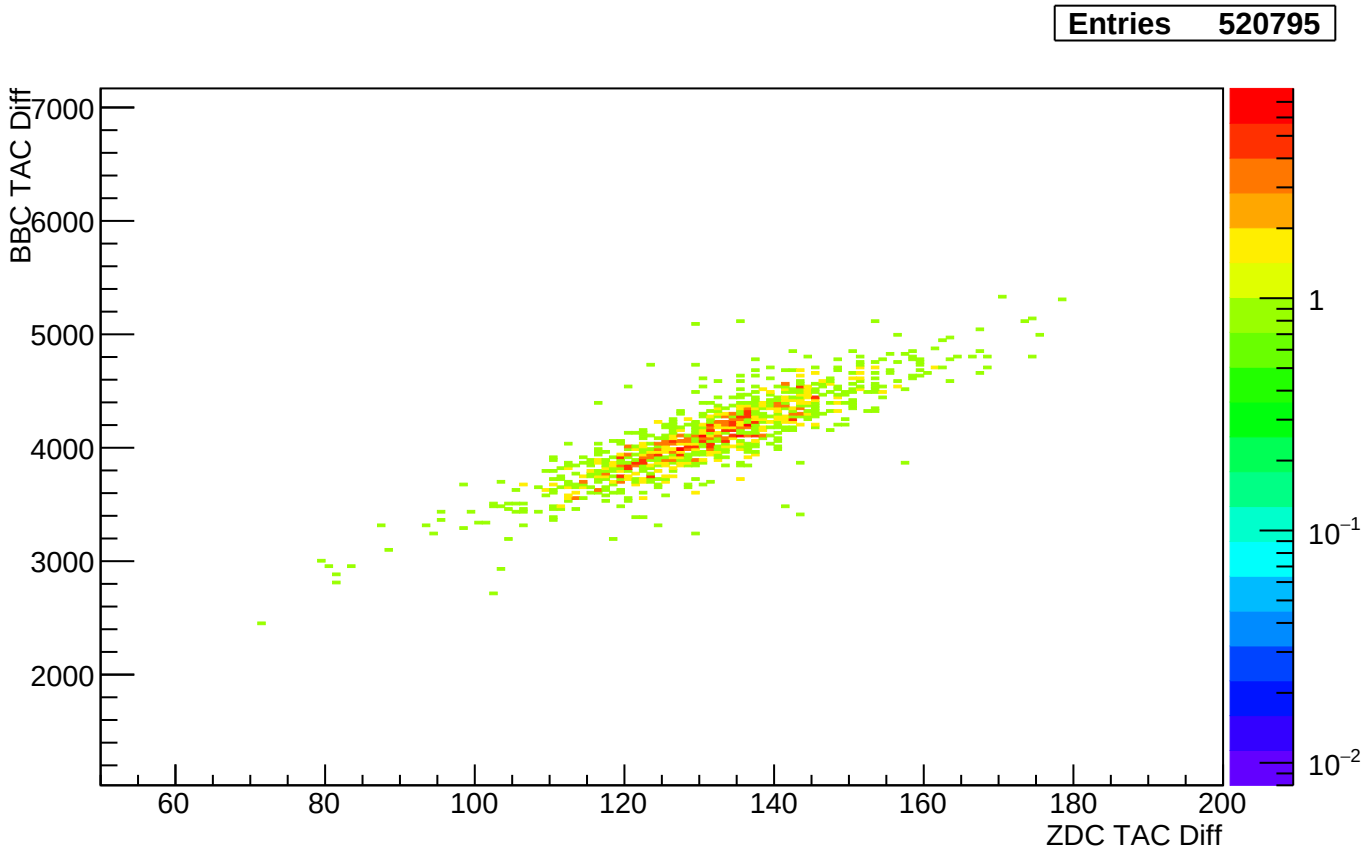

Entries 520795
TOF_Mult
EPD-West Hit Cnt

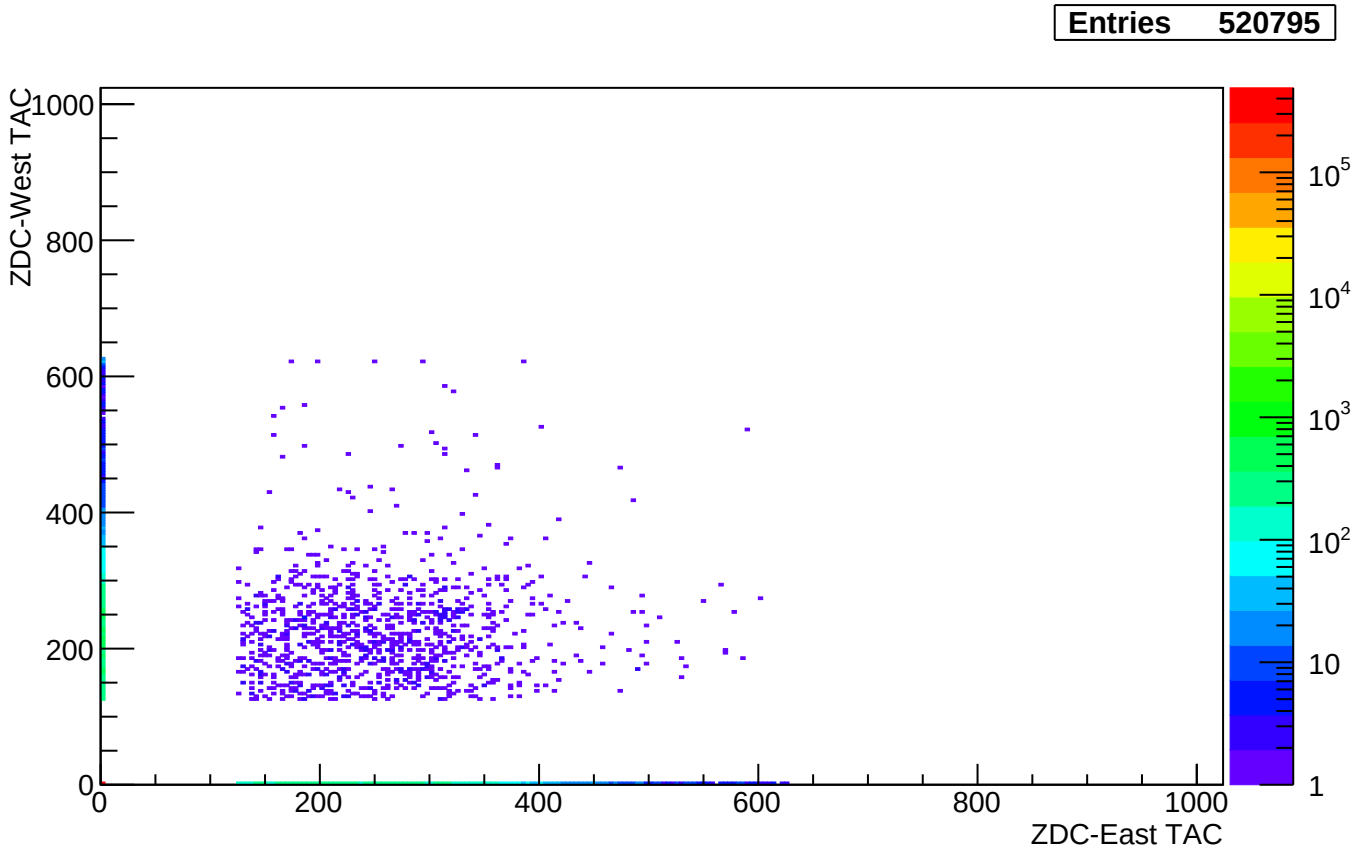

Entries 520795
TOF_Mult
VPD-East ADC Sum

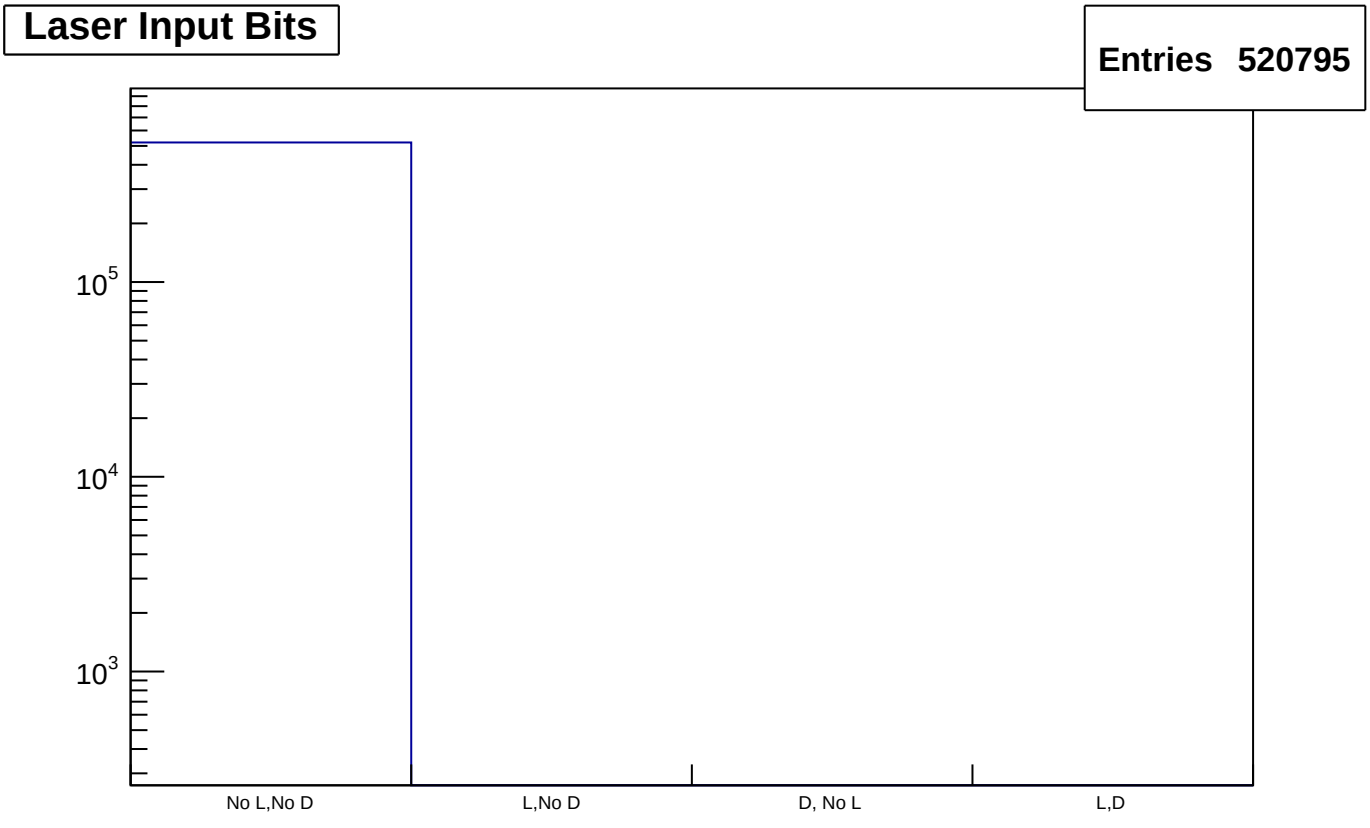

Entries 520795
TOF_Mult
VPD-West ADC Sum

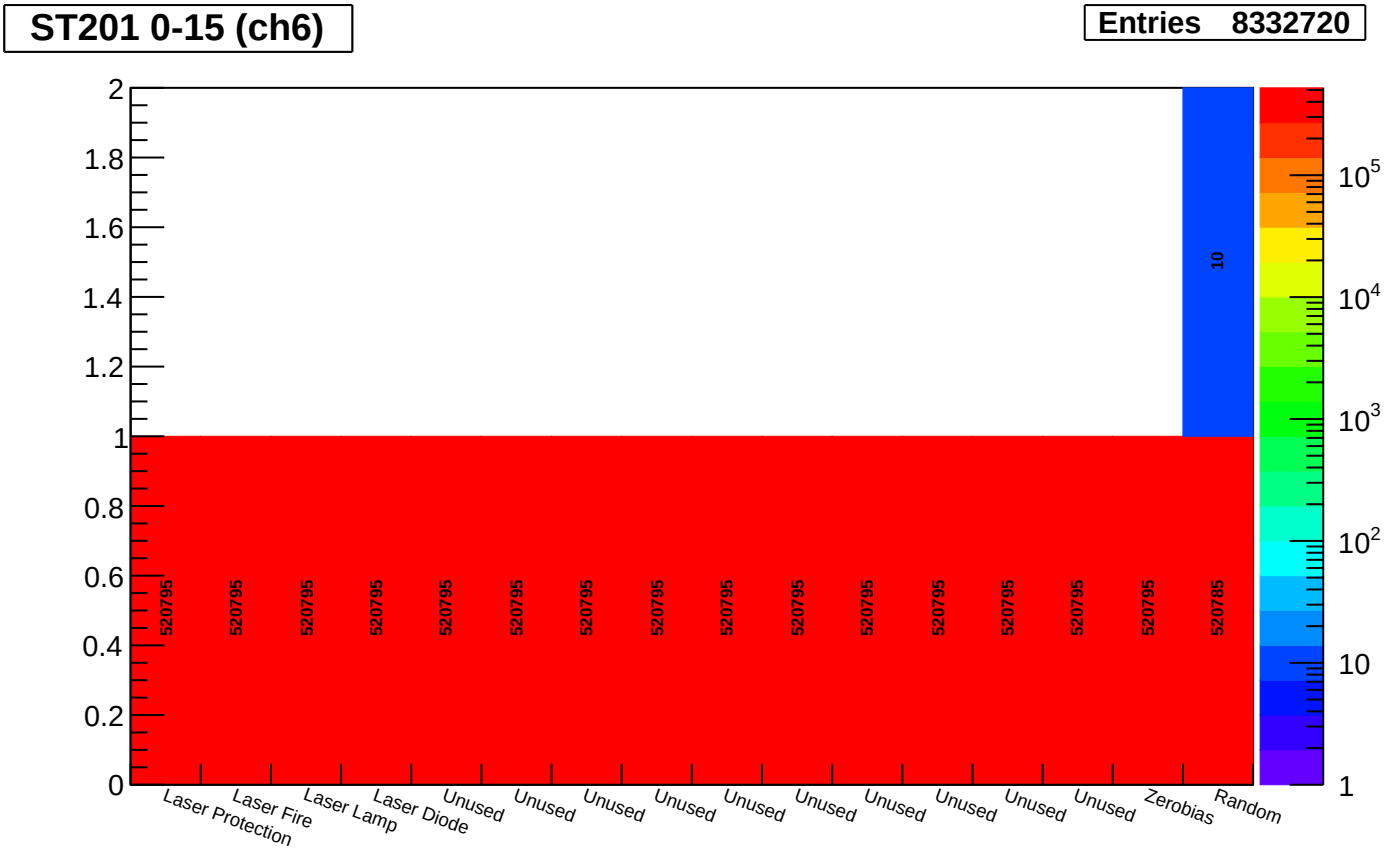

Entries 520795
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

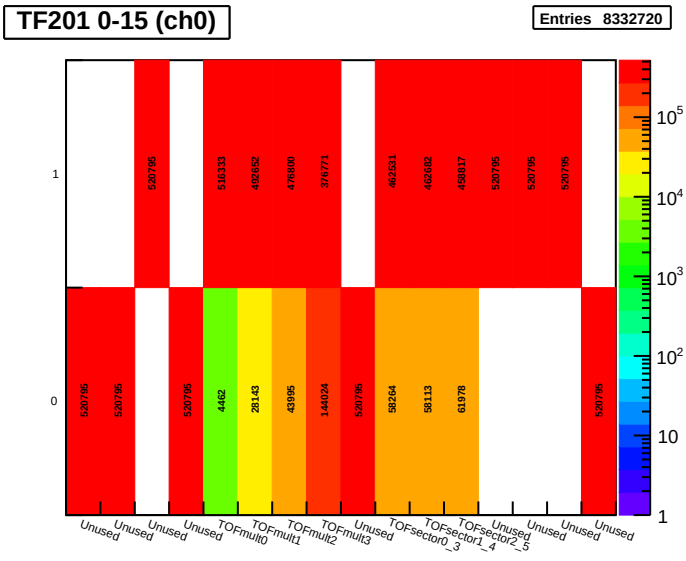

Entries 520795
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

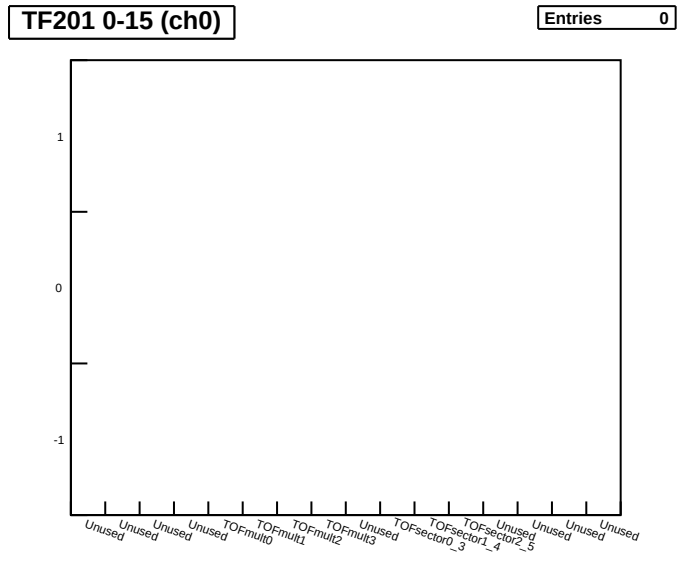

Entries 520795
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

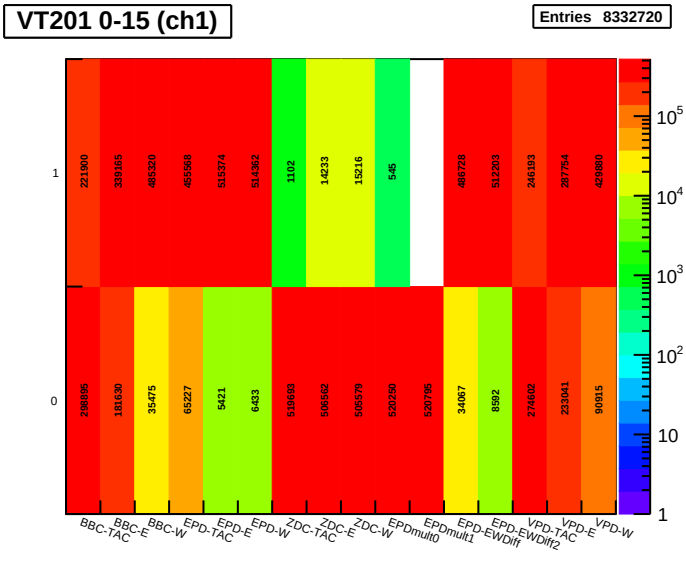

Entries 520795
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

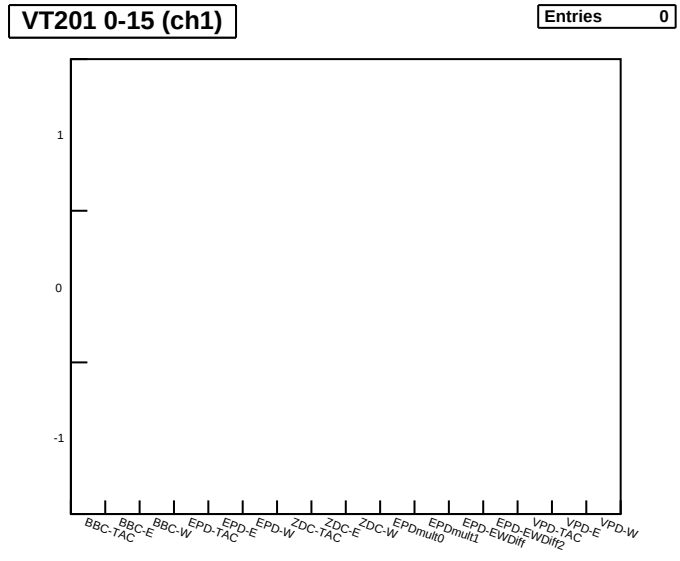

Laser Input Bits
Entries 520795
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

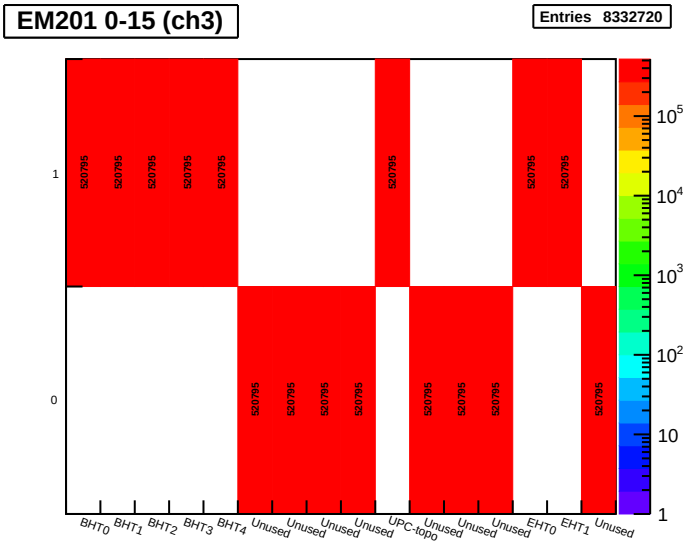

ST201 0-15 (ch6)
Entries 8332720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
520795
520785
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

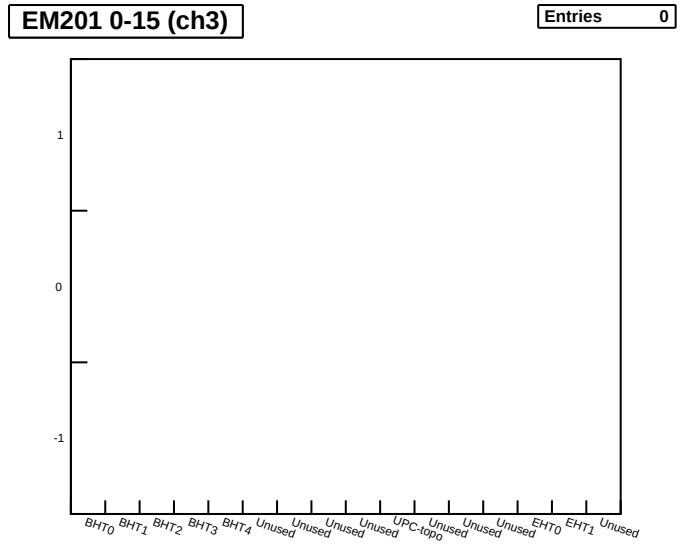

TF201 0-15 (ch0)
Entries 8332720
1
0
520795
516333
492652
476800
376771
462931
462682
438817
520795
520795
520795
520795
520795
4462
28143
43995
144024
520795
58264
58113
61978
520795
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 8332720
1
0
221900
339165
485320
455568
515374
514362
1102
14233
15216
545
486728
512303
246193
287754
429880
238895
181630
35475
65227
5421
6433
519693
506562
505579
520250
520795
34067
8592
274602
233041
90915
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 8332720
1
0
520795
520795
520795
520795
520795
520795
520795
520795
520795
520795
520795
520795
520795
520795
520795
520795
520795
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