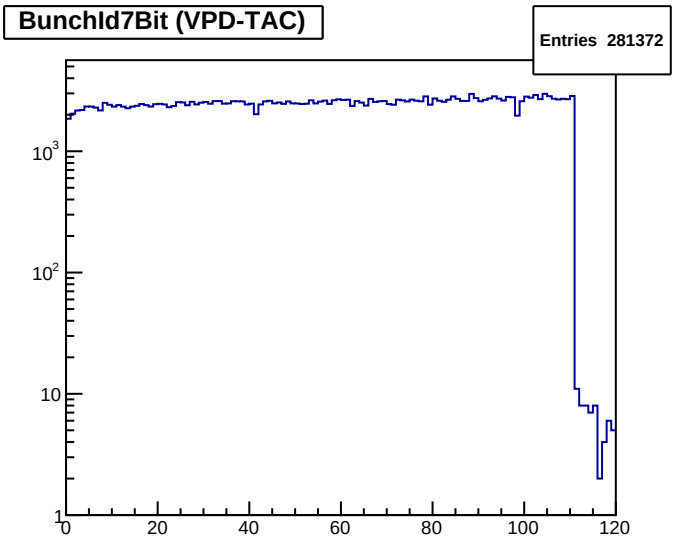
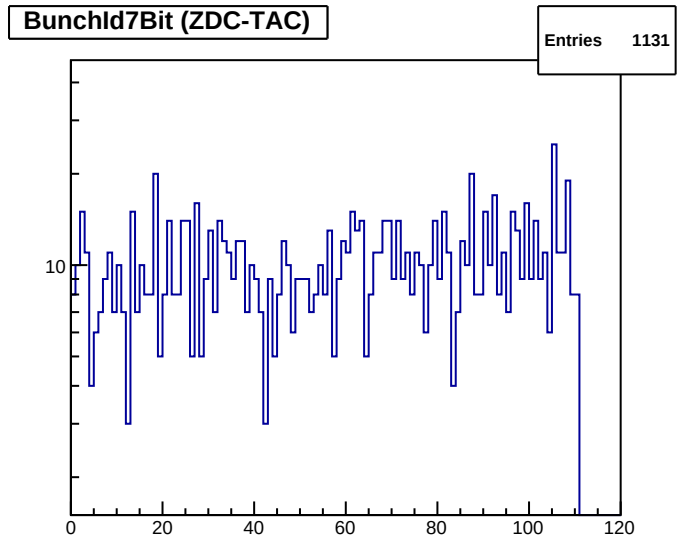
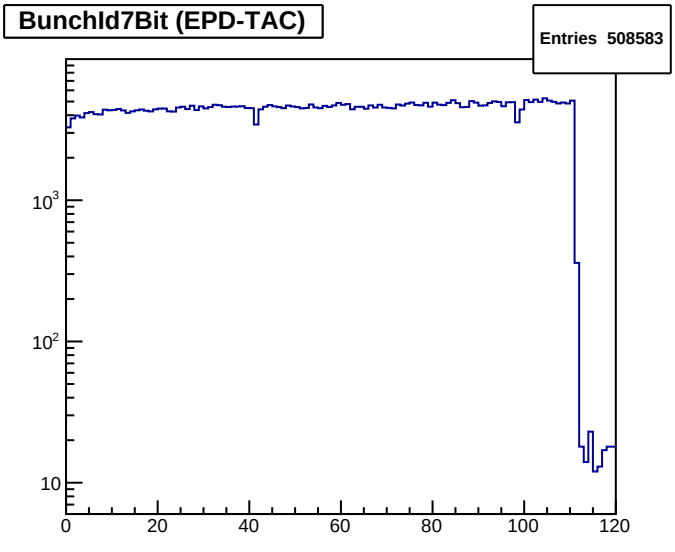
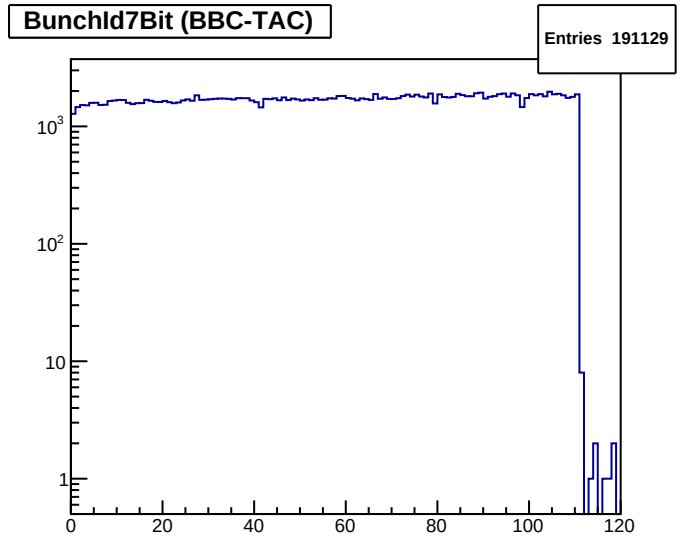
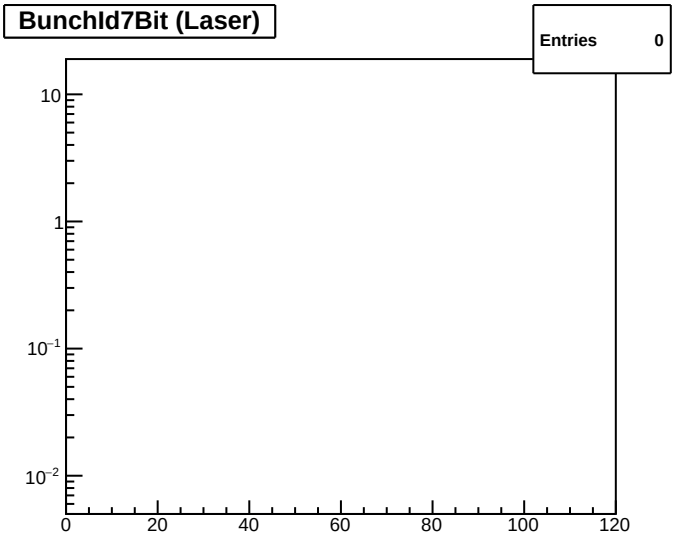
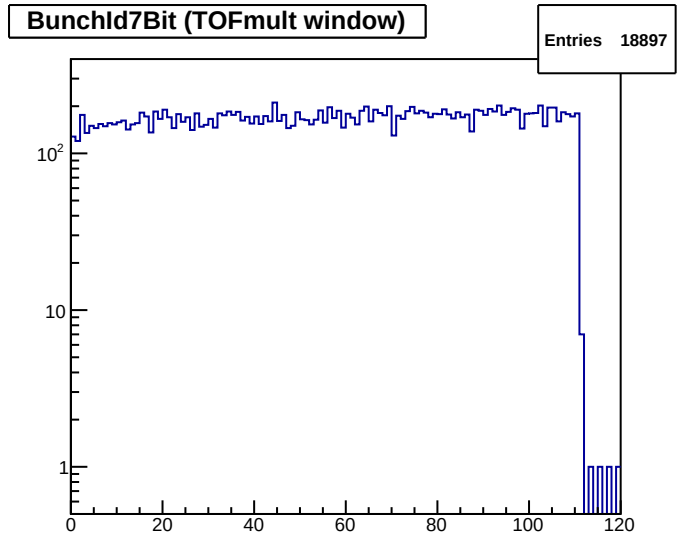

BunchId7Bit (VPD-TAC)
Entries 281372

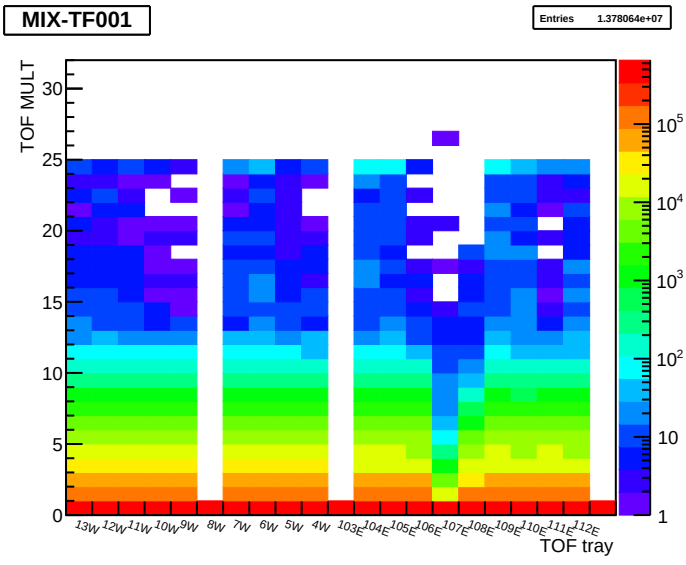

BunchId7Bit (ZDC-TAC)
Entries 1131

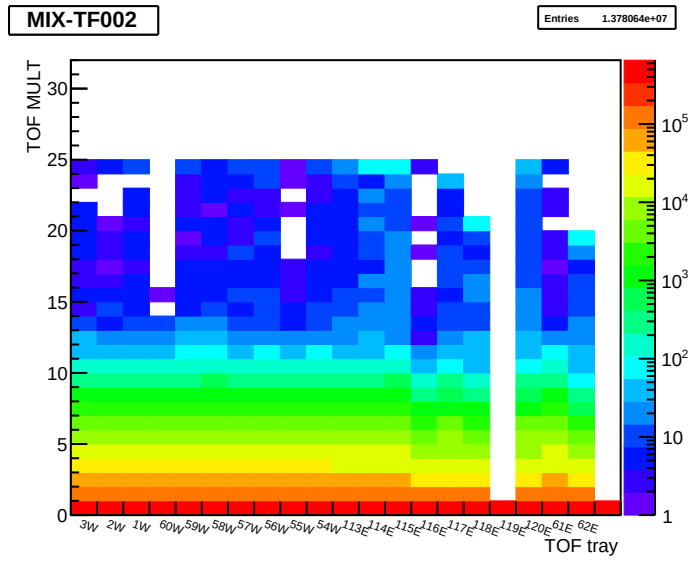

BunchId7Bit (EPD-TAC)
Entries 508583

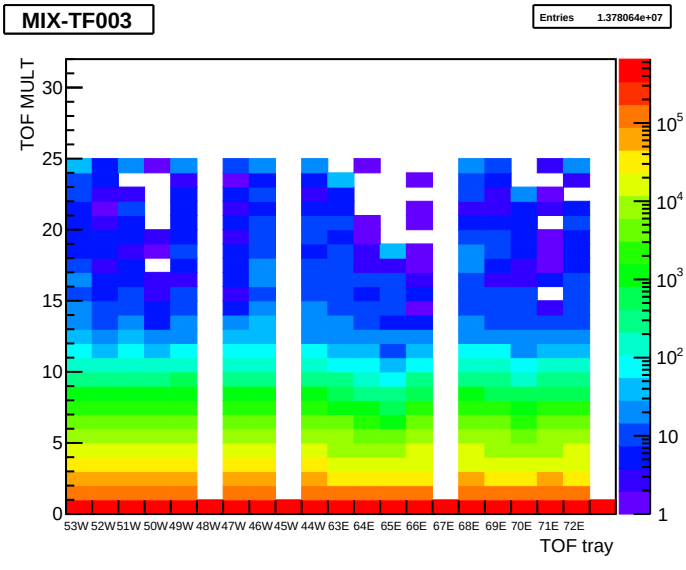

BunchId7Bit (BBC-TAC)
Entries 191129

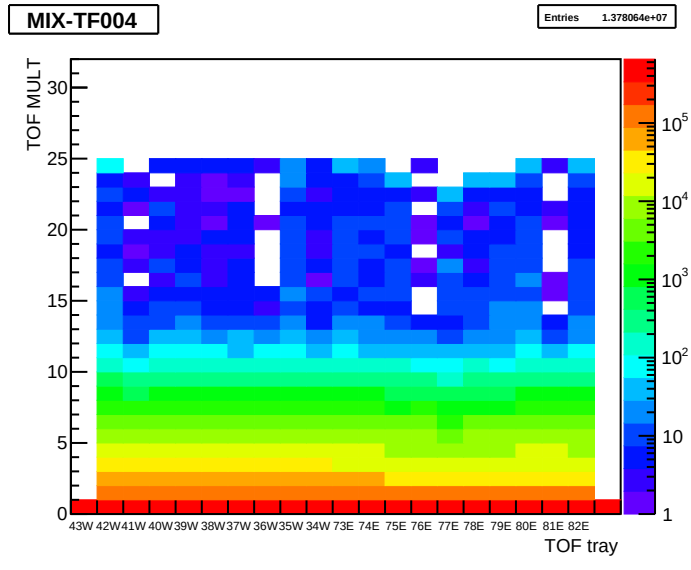

BunchId7Bit (Laser)
Entries 0

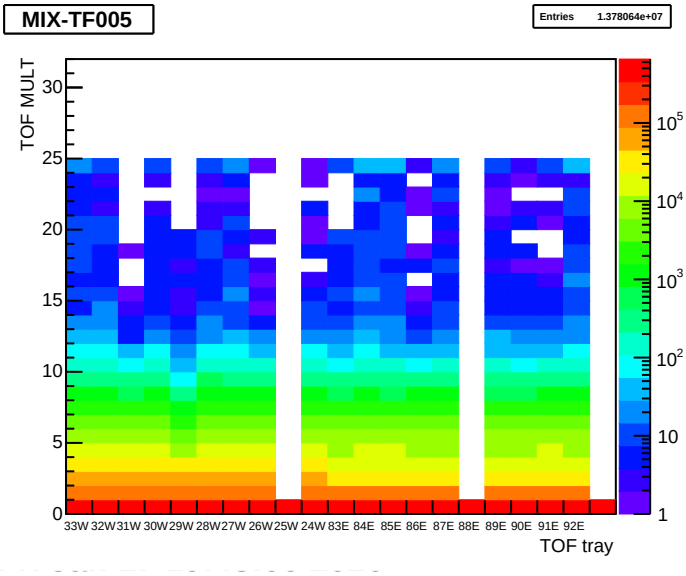

BunchId7Bit (TOFmult window)
Entries 18897

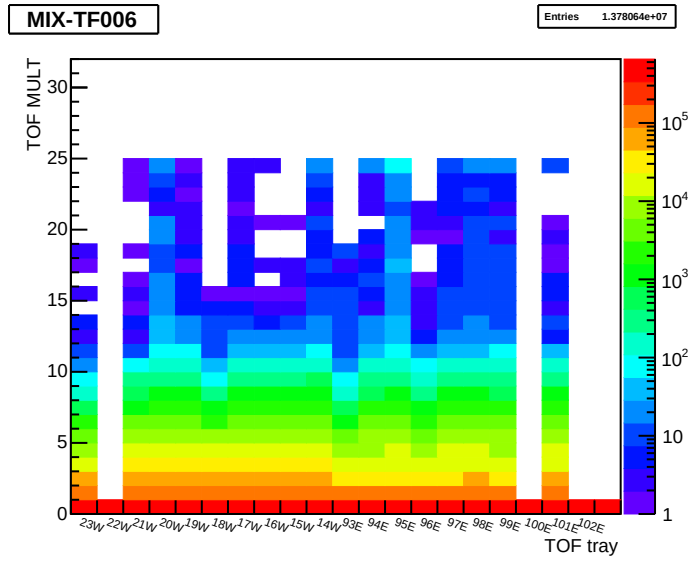

MIX-TF001
Entries 1.378064e+07
TOF MULT
TOF tray

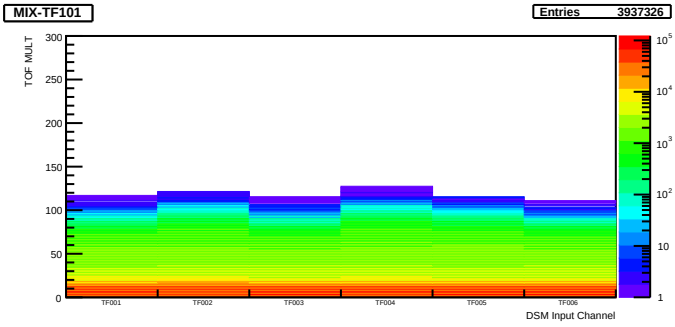

MIX-TF002
Entries 1.378064e+07
TOF MULT
TOF tray

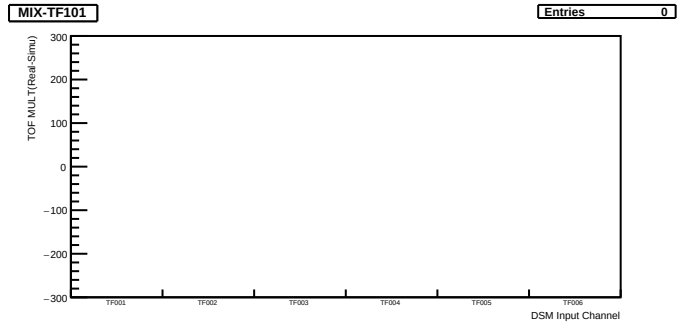

MIX-TF003
Entries 1.378064e+07
TOF MULT
TOF tray

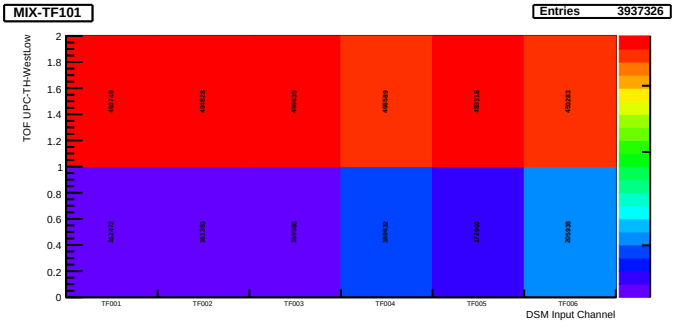

MIX-TF004
Entries 1.378064e+07
TOF MULT
TOF tray

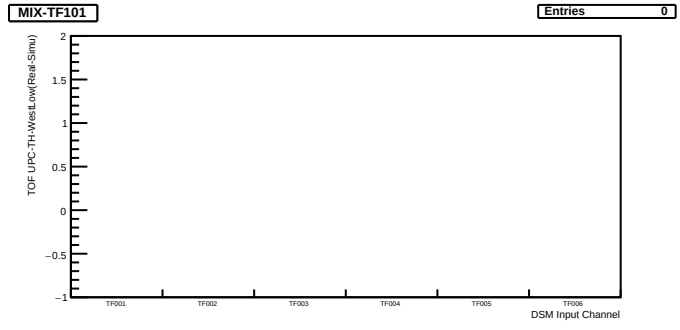

MIX-TF005
Entries 1.378064e+07
TOF MULT
TOF tray

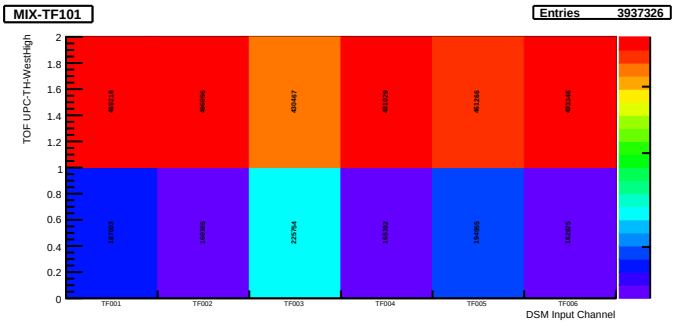

MIX-TF006
Entries 1.378064e+07
TOF MULT
TOF tray

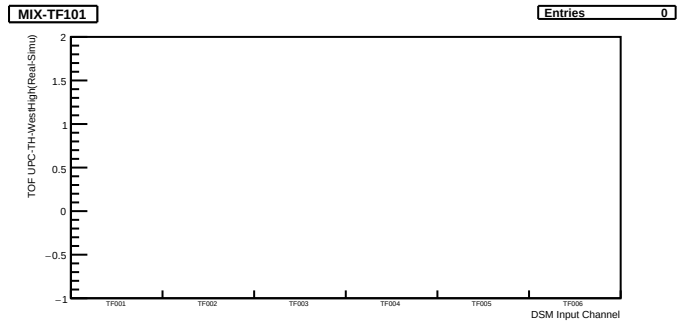

MIX-TF101
Entries 3937326
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

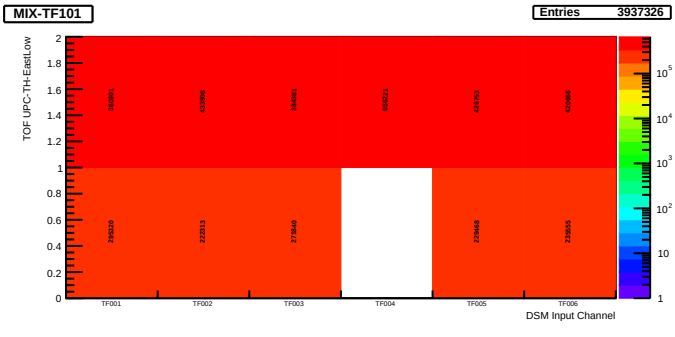

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

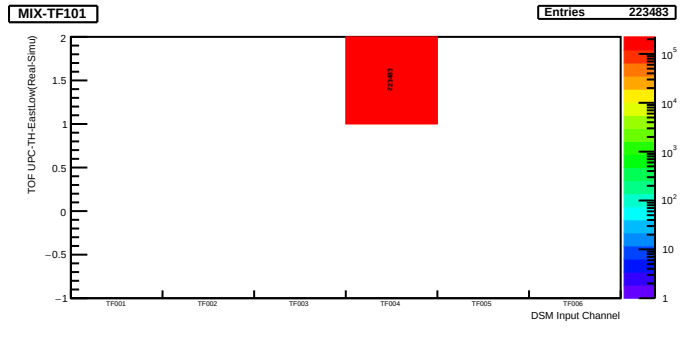

MIX-TF101
Entries 3937326
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

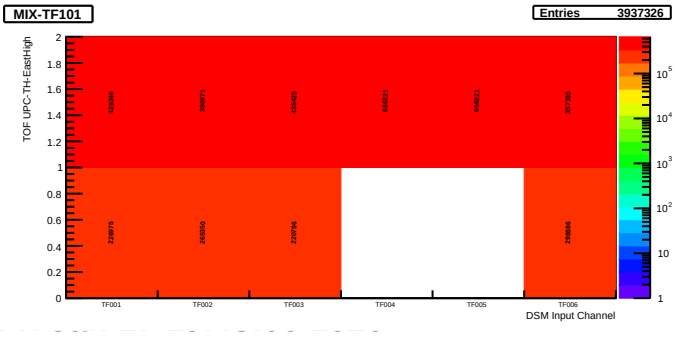

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

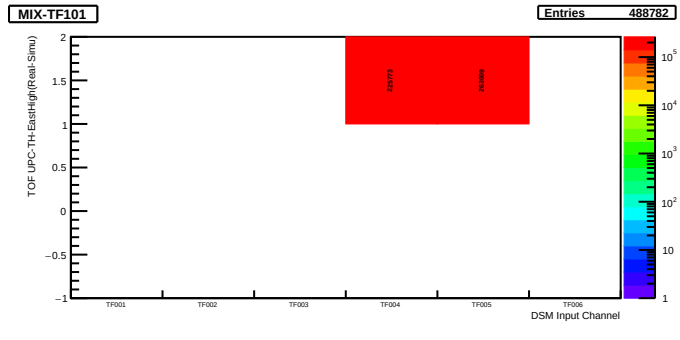

MIX-TF101
Entries 3937326
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

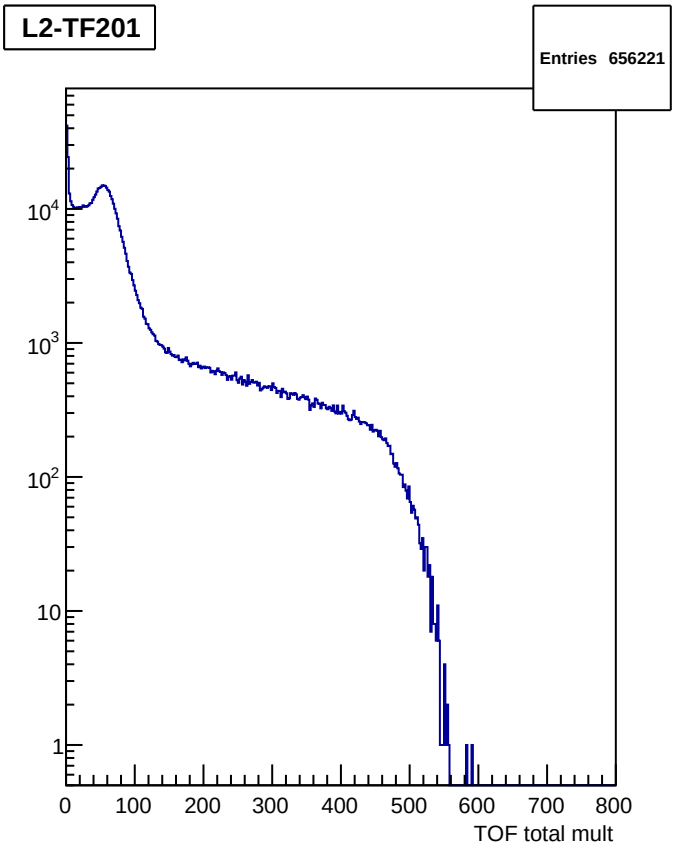

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

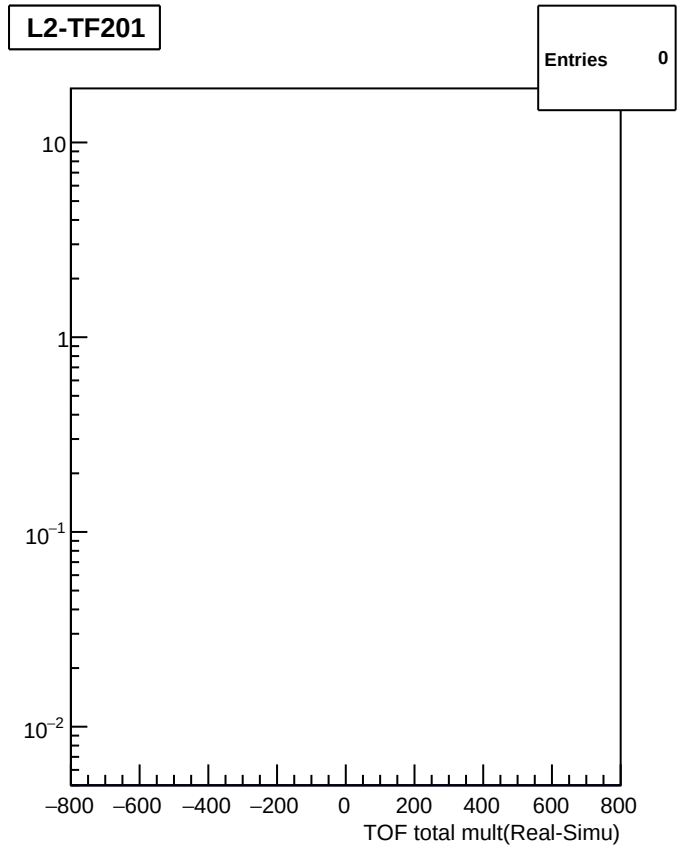

MIX-TF101
Entries 3937326
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

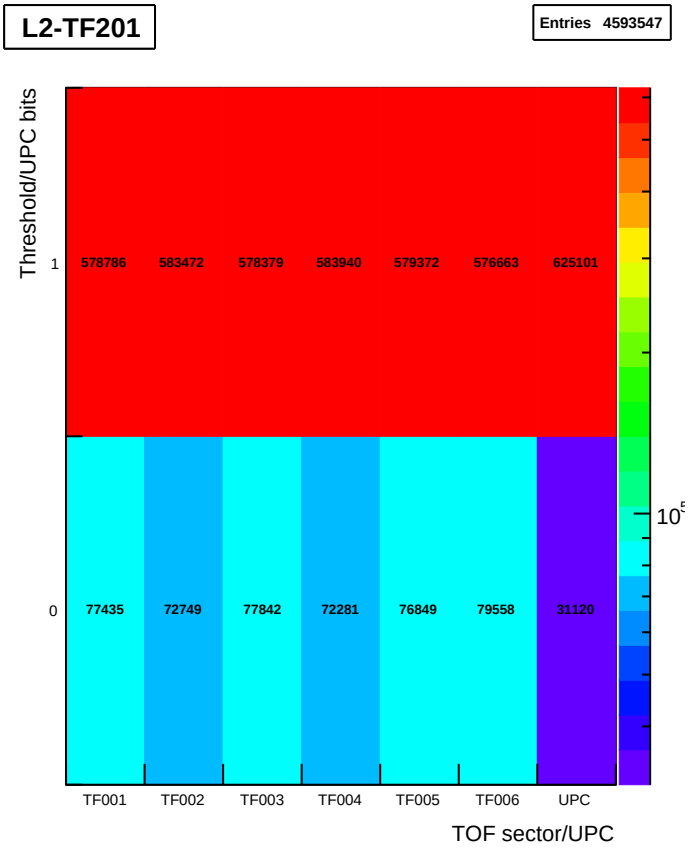

MIX-TF101
Entries 223483
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

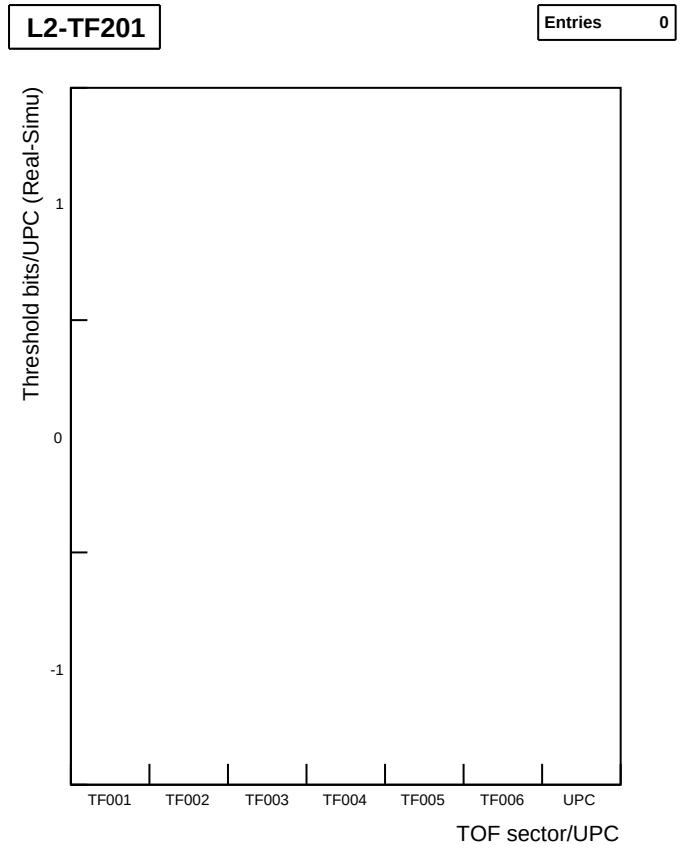

MIX-TF101
Entries 3937326
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

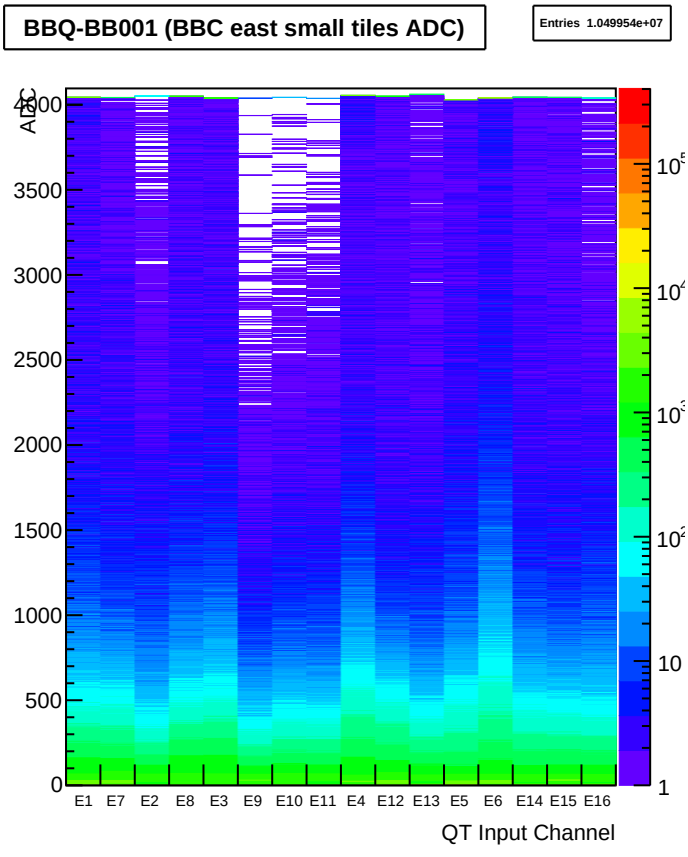

MIX-TF101
Entries 488782
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

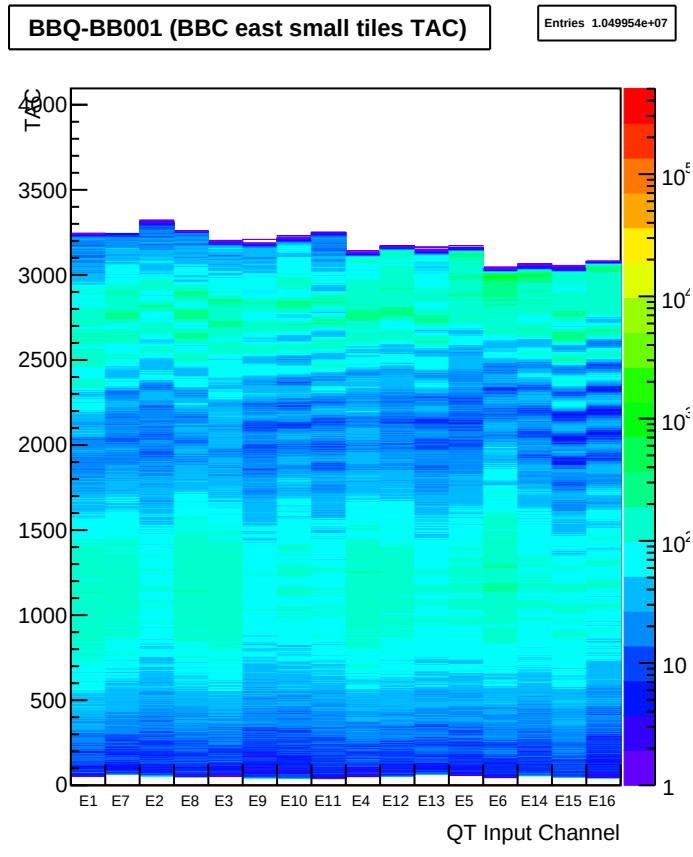

L2-TF201
Entries 656221
TOF total mult

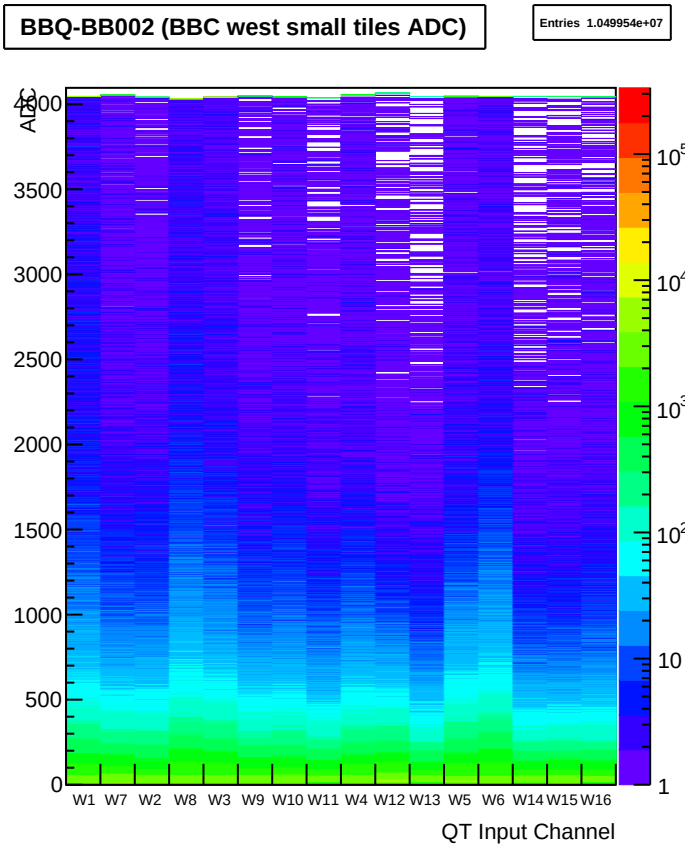

L2-TF201
Entries 0
TOF total mult(Real-Simu)

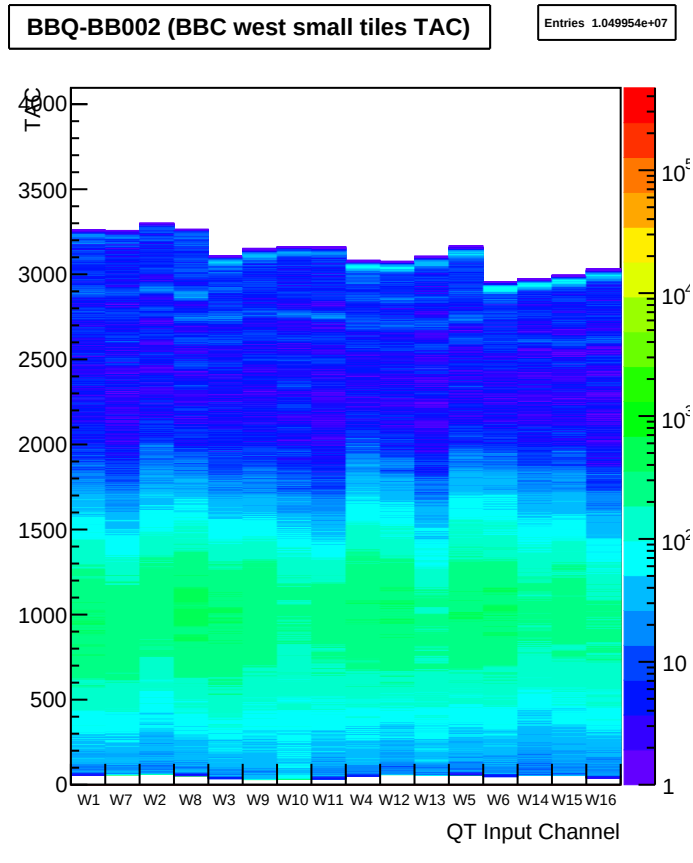

L2-TF201
Entries 4593547
Threshold/UPC bits
578786
583472
578379
583940
579372
576663
625101
77435
72749
77842
72281
76849
79558
31120
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

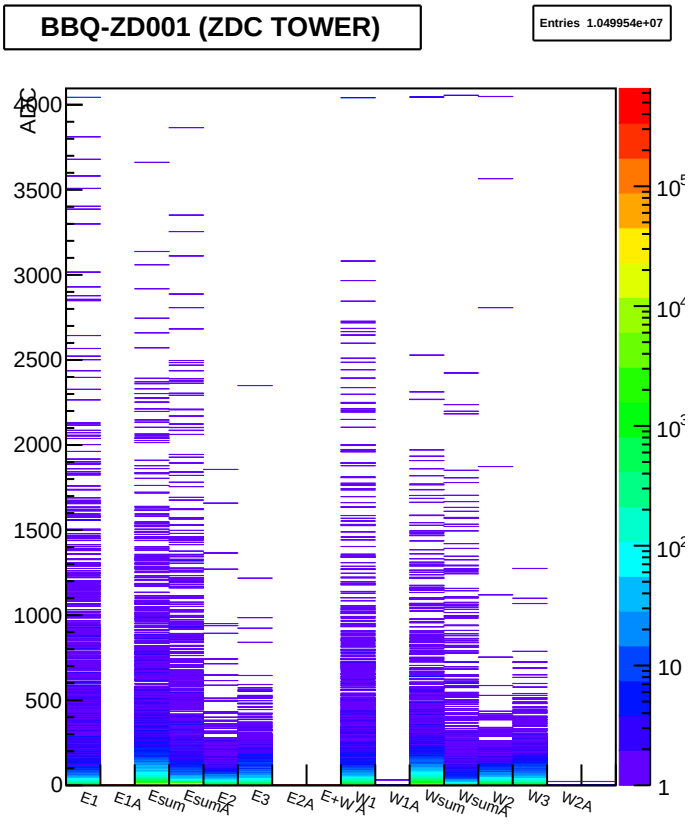

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

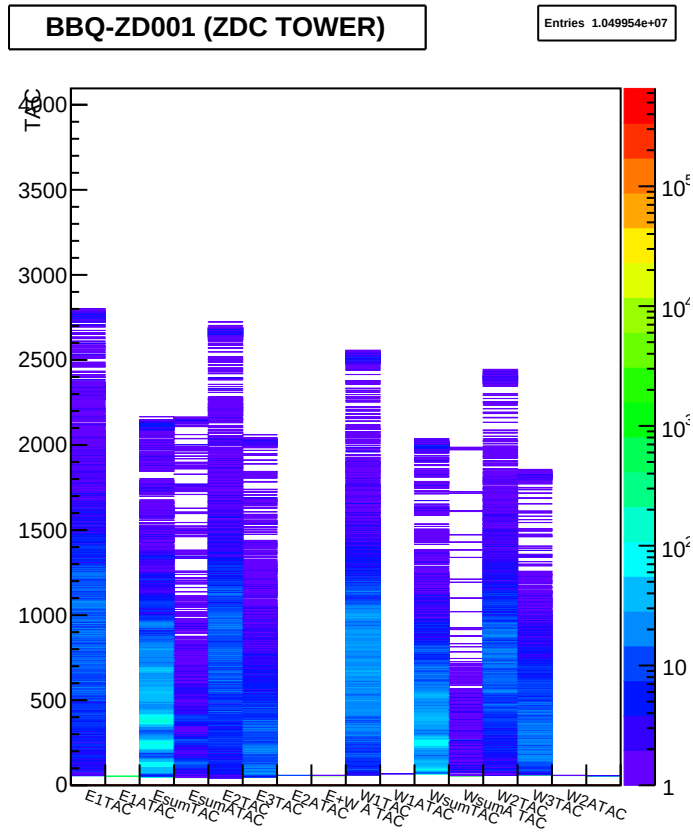

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.049954e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

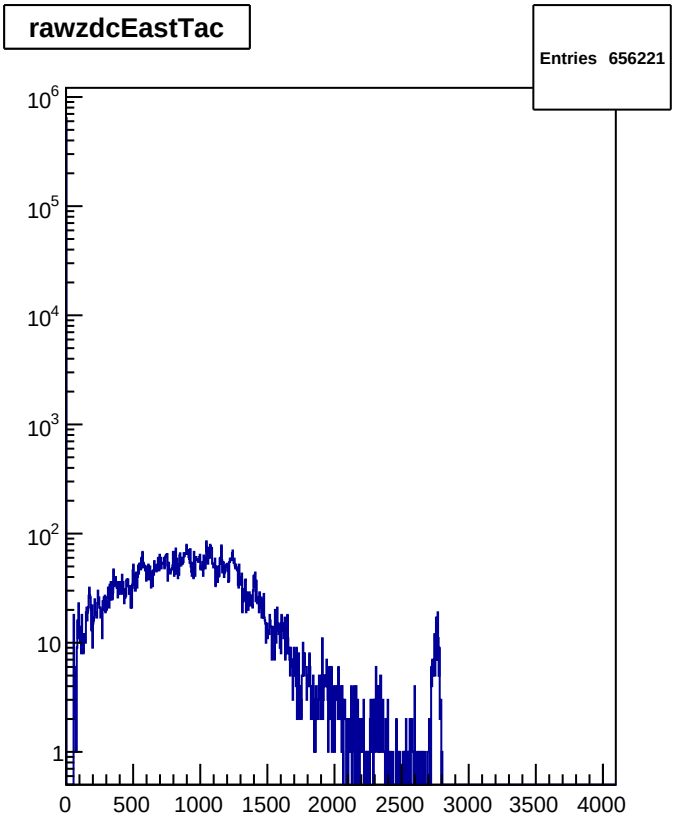

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.049954e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

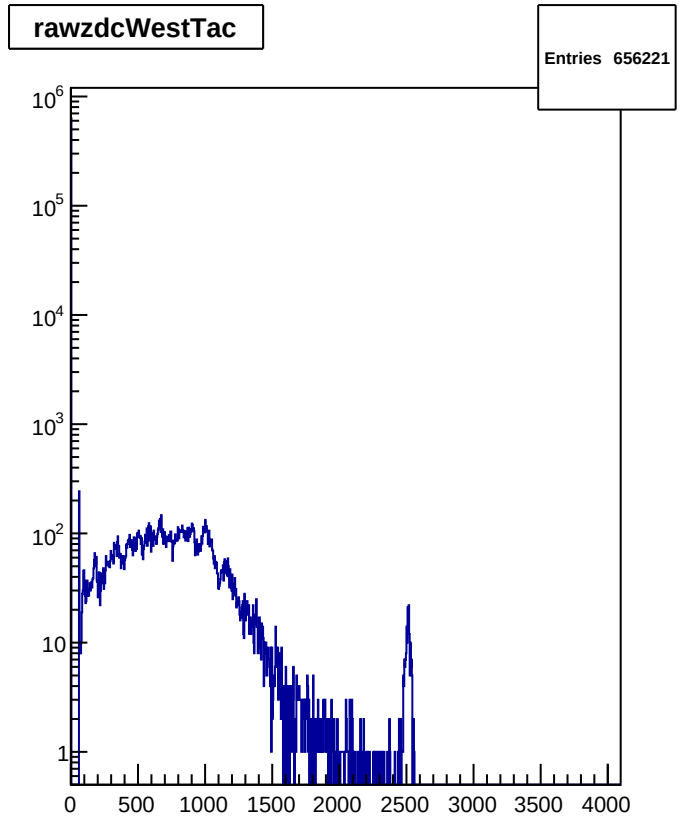

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.049954e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

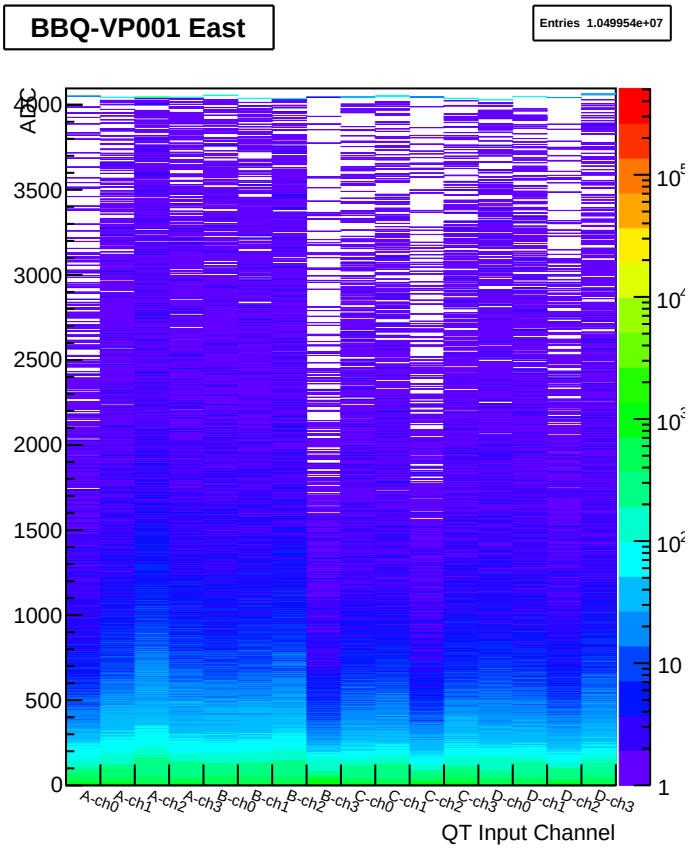

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.049954e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

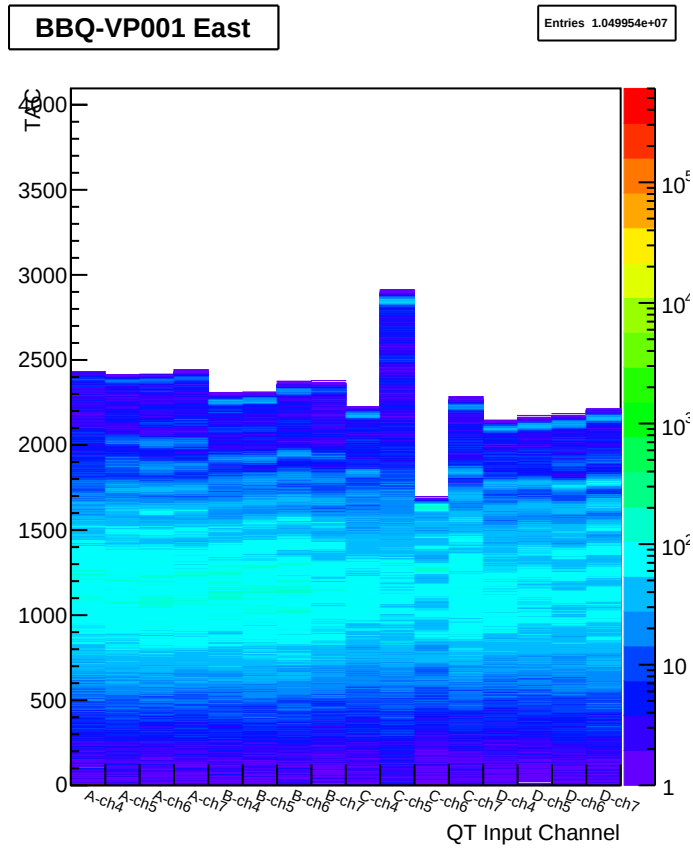

BBQ-ZD001 (ZDC TOWER)
Entries 1.049954e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

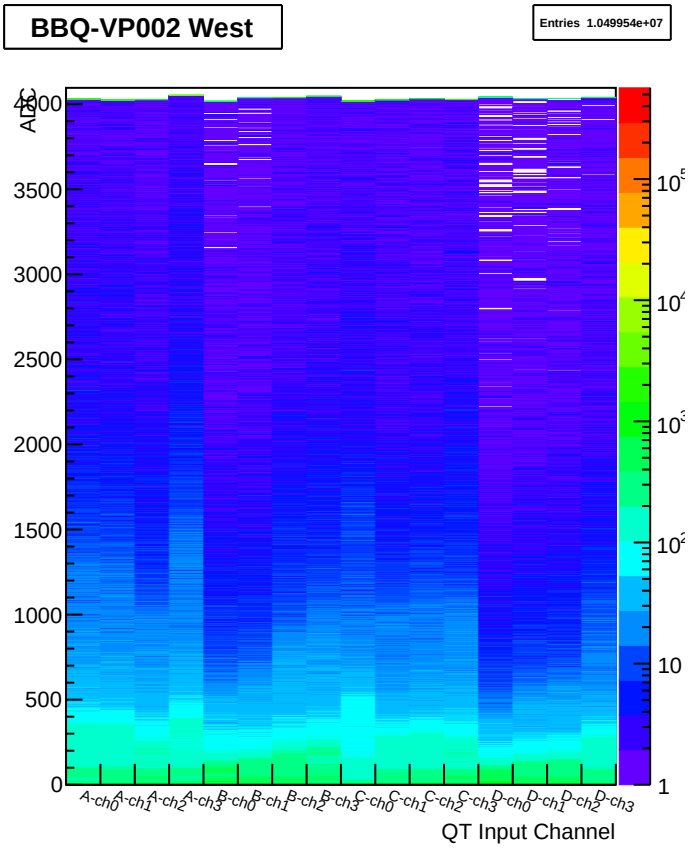

BBQ-ZD001 (ZDC TOWER)
Entries 1.049954e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

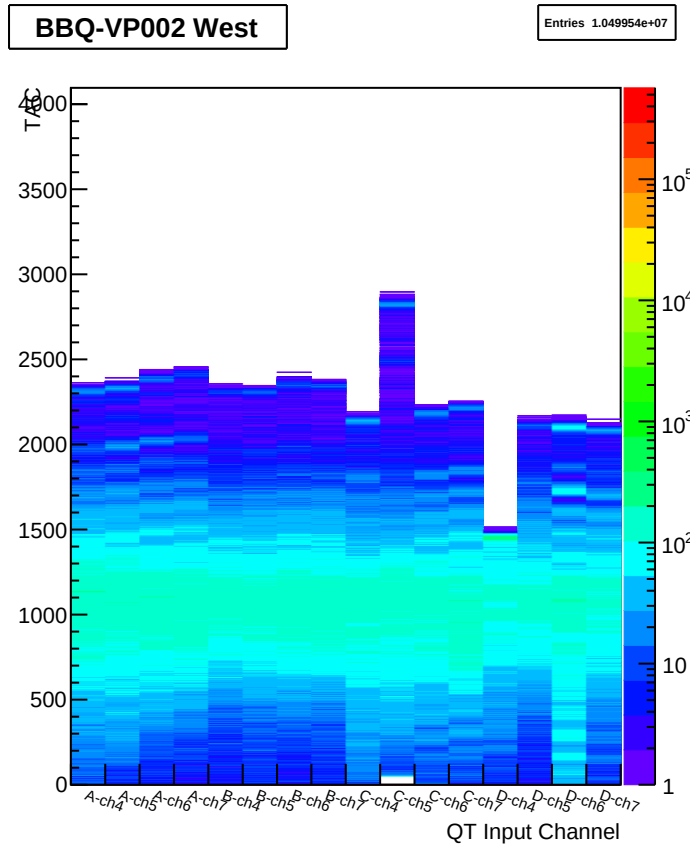

rawzdcEastTac
Entries 656221

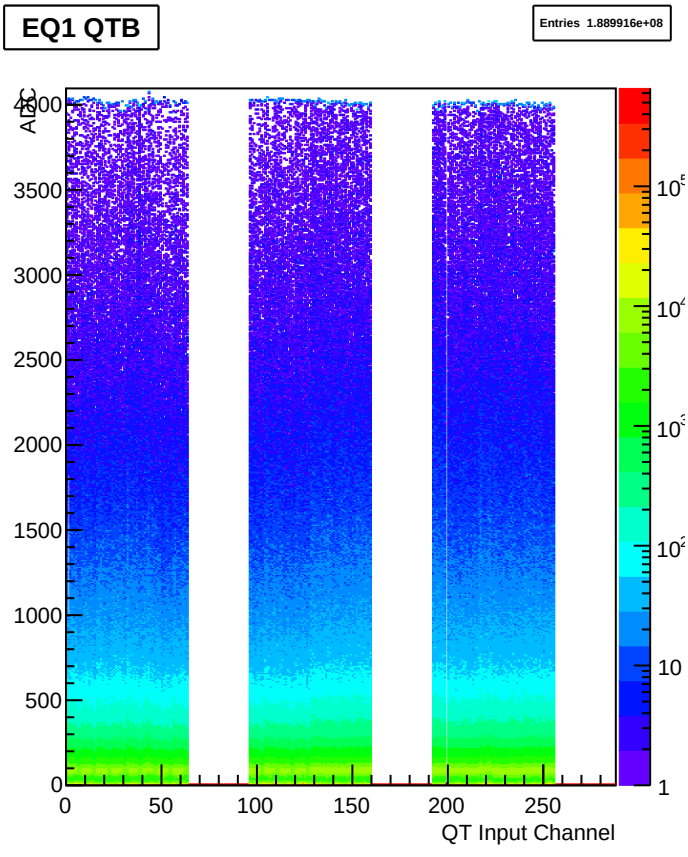

rawzdcWestTac
Entries 656221

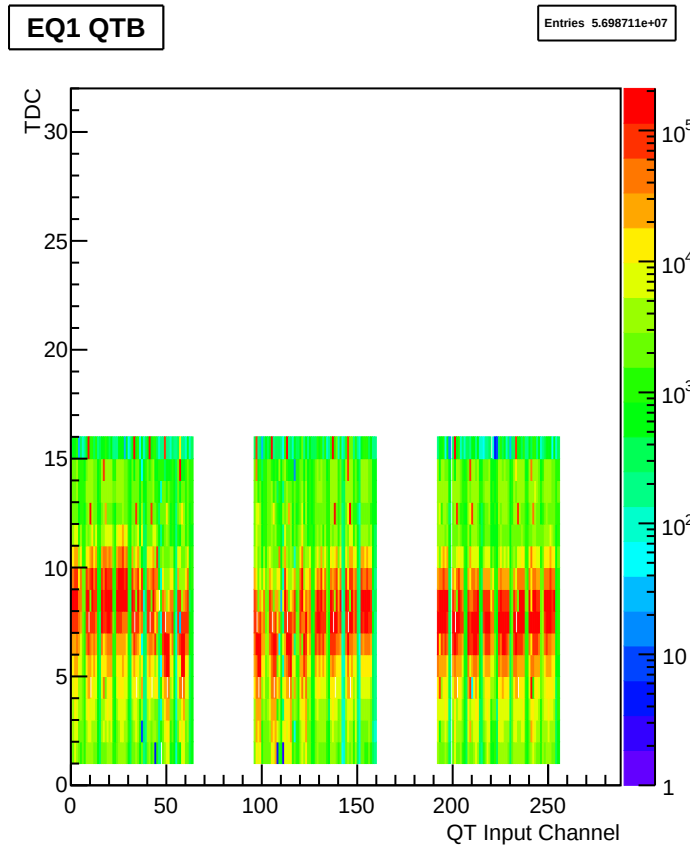

BBQ-VP001 East
Entries 1.049954e+07
ADC
QT Input Channel

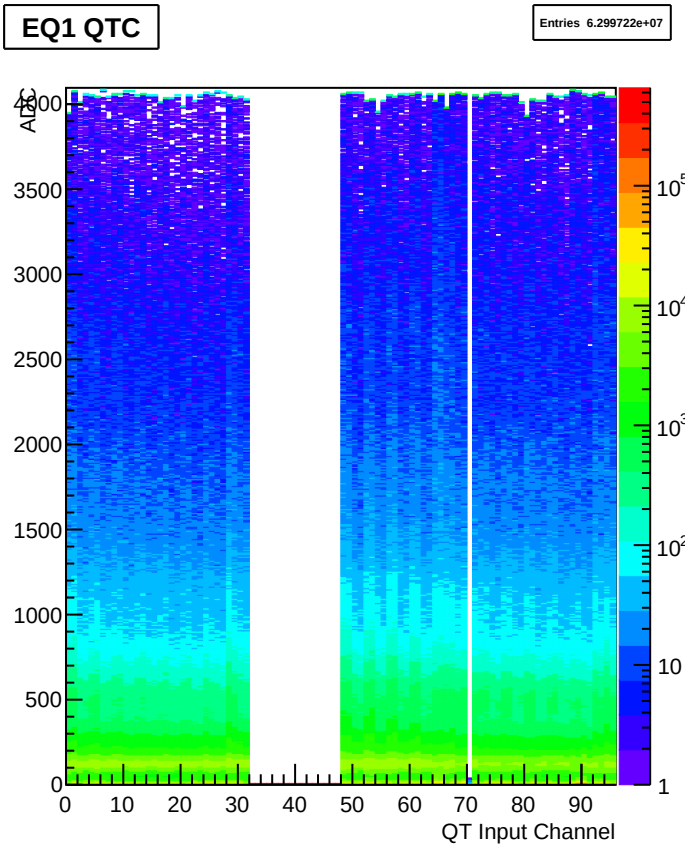

BBQ-VP001 East
Entries 1.049954e+07
TADC
QT Input Channel

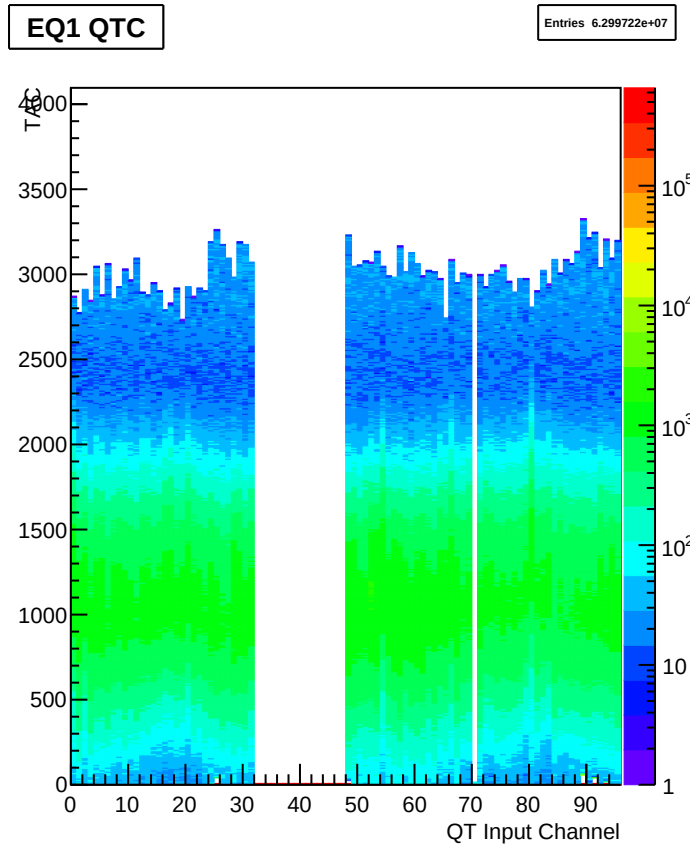

BBQ-VP002 West
Entries 1.049954e+07
ADC
QT Input Channel

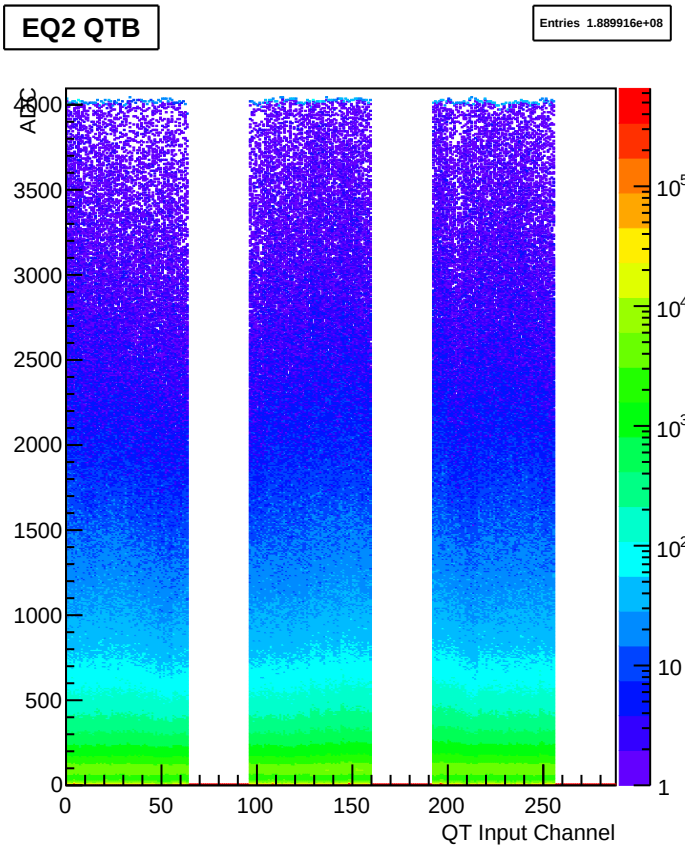

BBQ-VP002 West
Entries 1.049954e+07
TADC
QT Input Channel

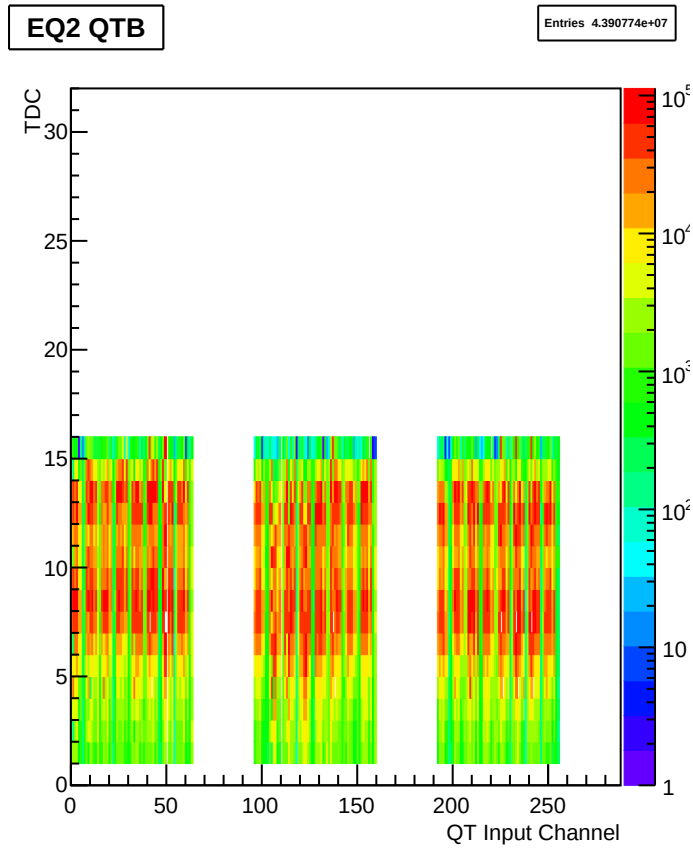

EQ1 QTB
Entries 1.889916e+08
ADC
QT Input Channel

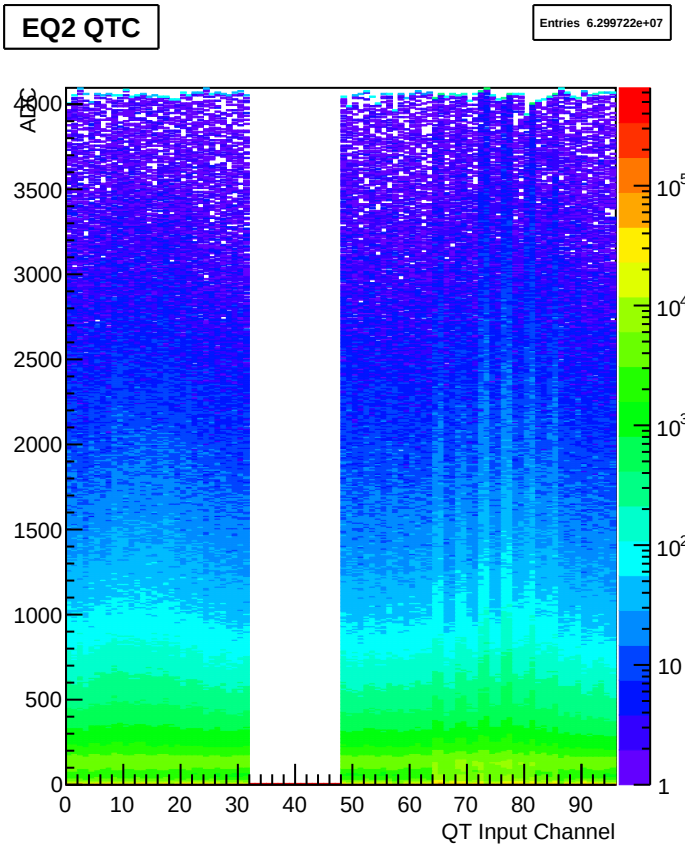

EQ1 QTB
Entries 5.698711e+07
TDC
QT Input Channel

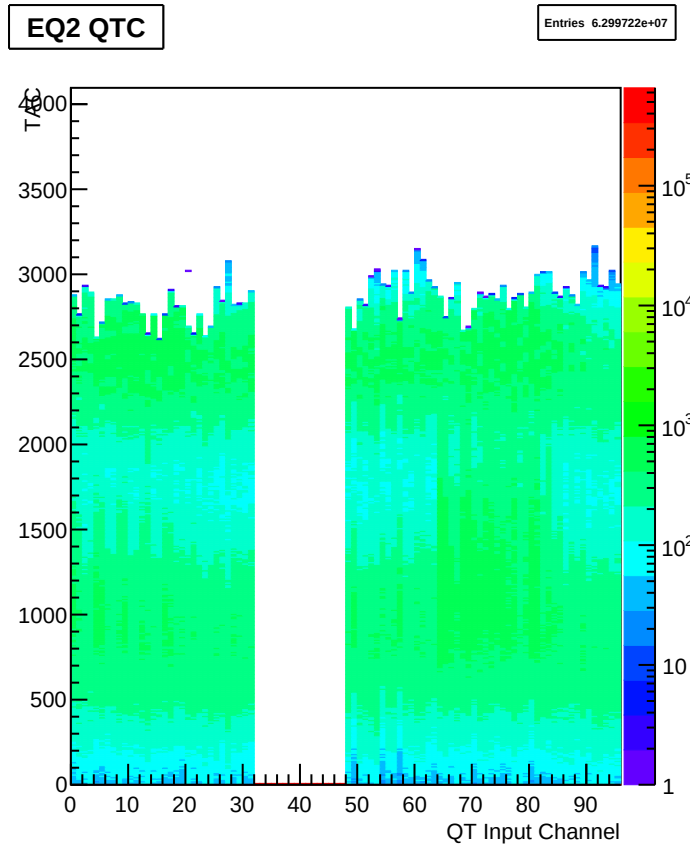

EQ1 QTC
Entries 6.299722e+07
ADC
QT Input Channel

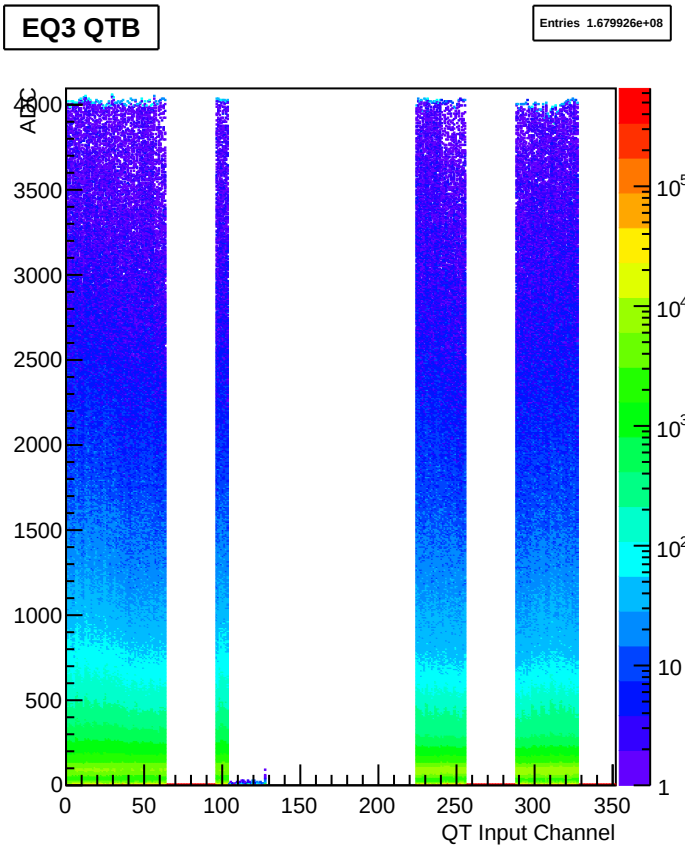

EQ1 QTC
Entries 6.299722e+07
TADC
QT Input Channel

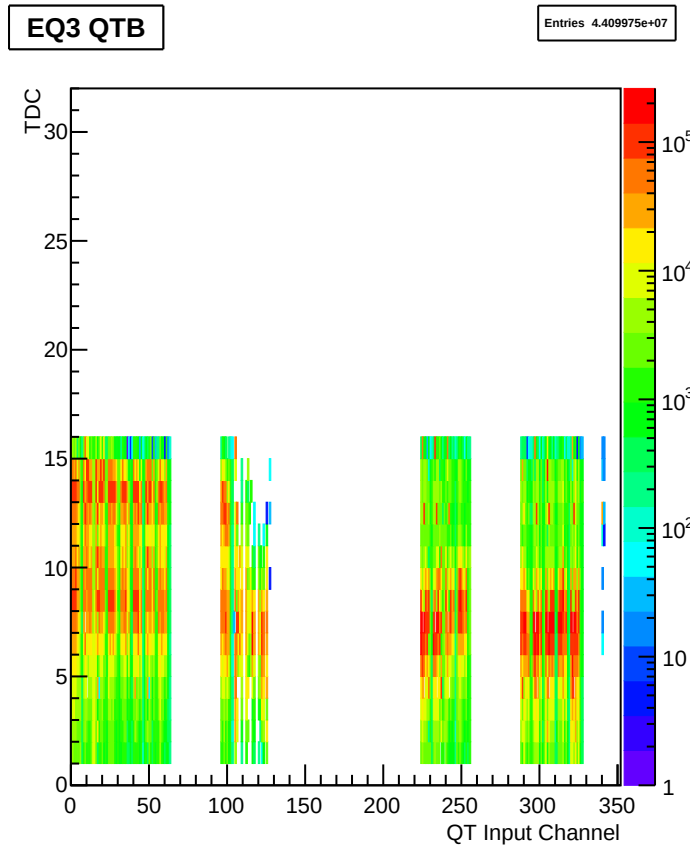

EQ2 QTB
Entries 1.889916e+08
ADC
QT Input Channel

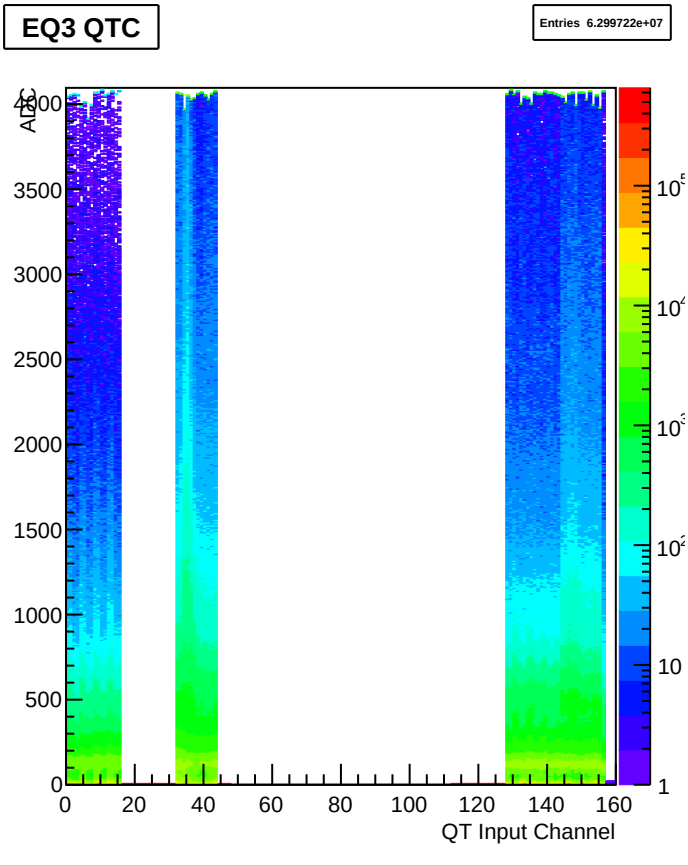

EQ2 QTB
Entries 4.390774e+07
TDC
QT Input Channel

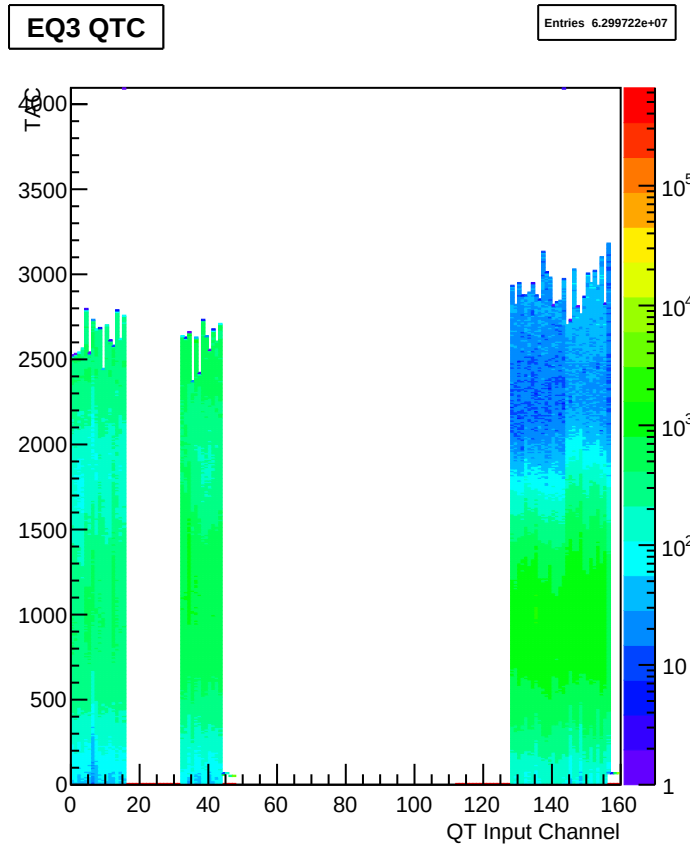

EQ2 QTC
Entries 6.299722e+07
ADC
QT Input Channel

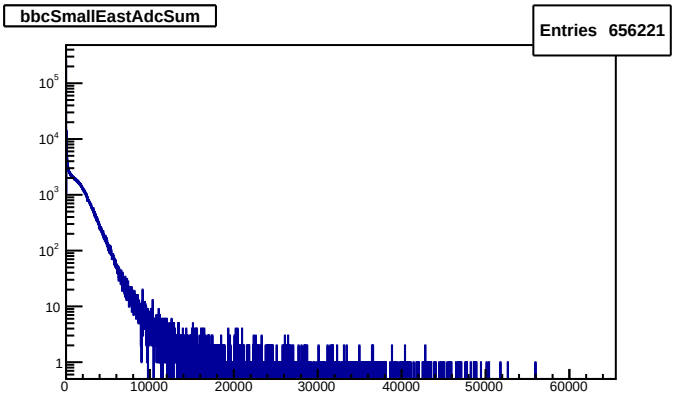

EQ2 QTC
Entries 6.299722e+07
TADC
QT Input Channel

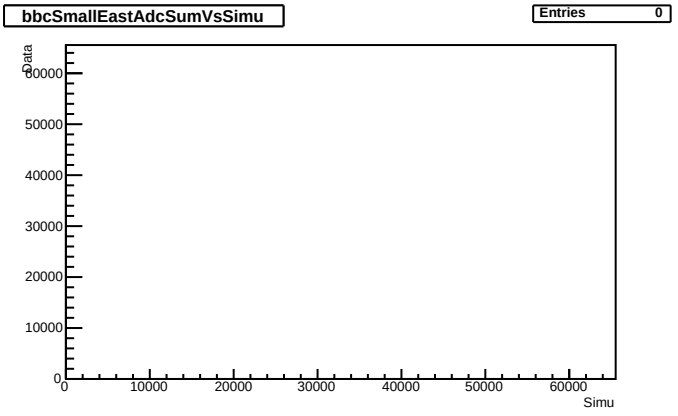

EQ3 QTB
Entries 1.679926e+08
ADC
QT Input Channel

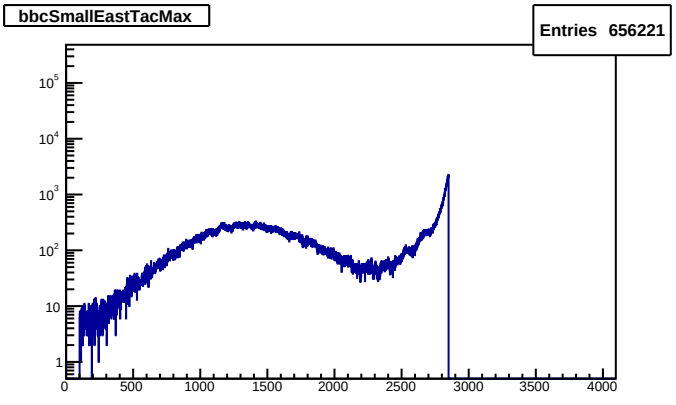

EQ3 QTB
Entries 4.409975e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.299722e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.299722e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 656221


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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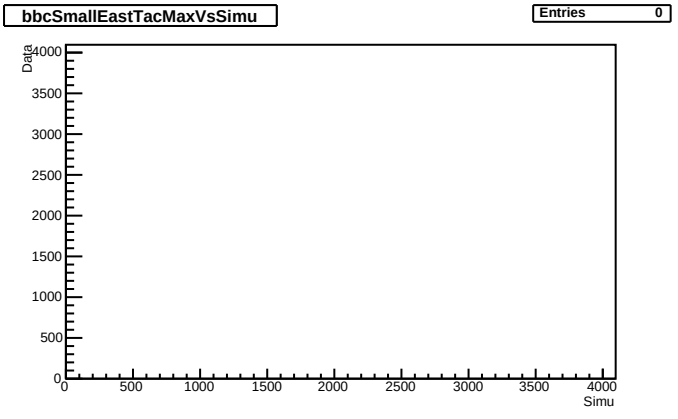
Entries 656221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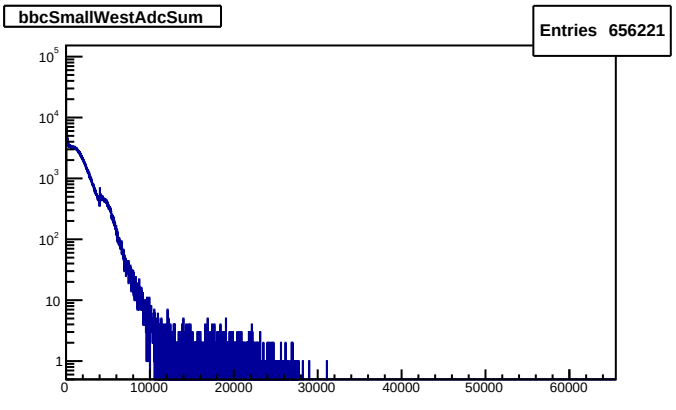
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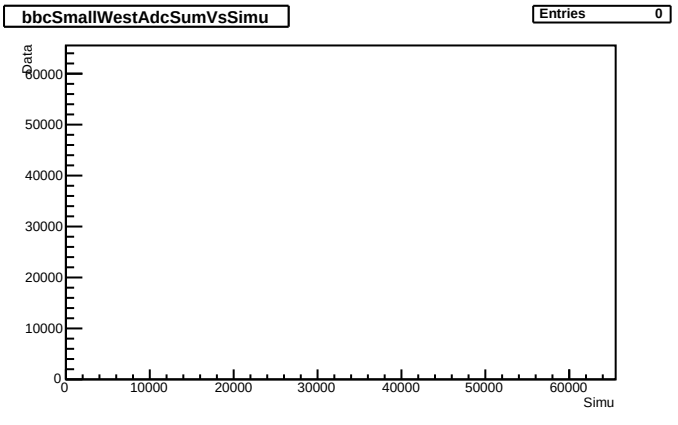
Entries 656221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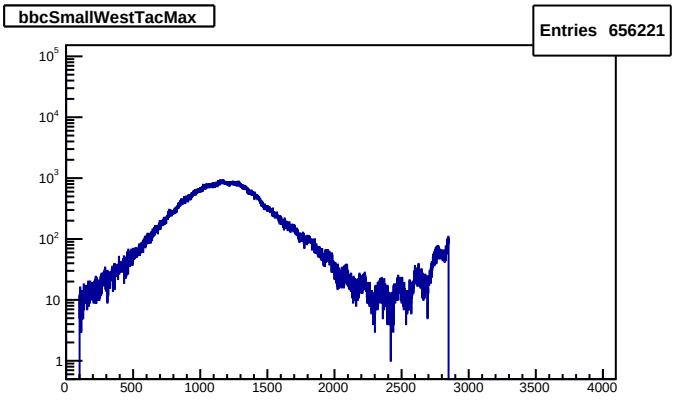
Simu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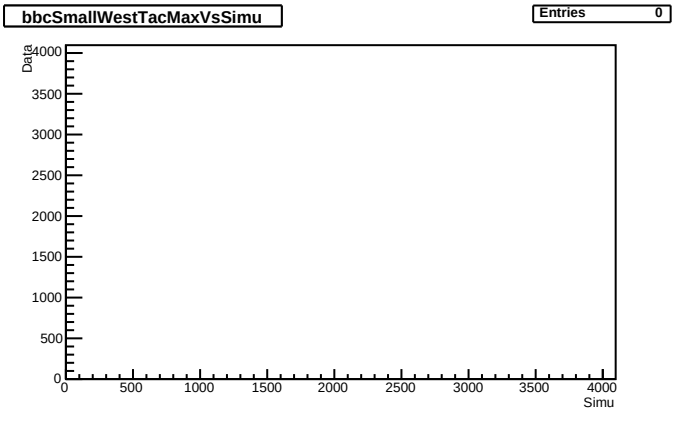
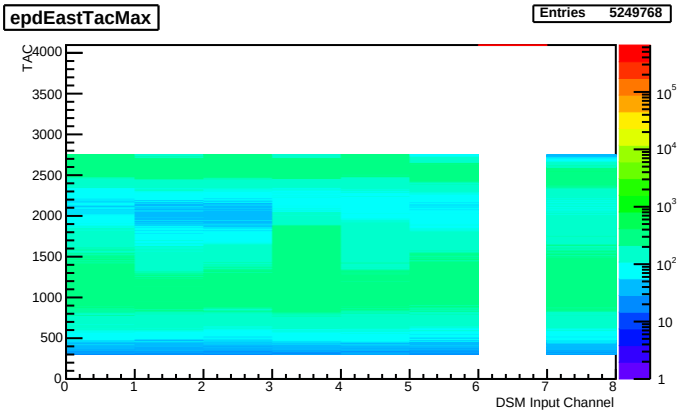
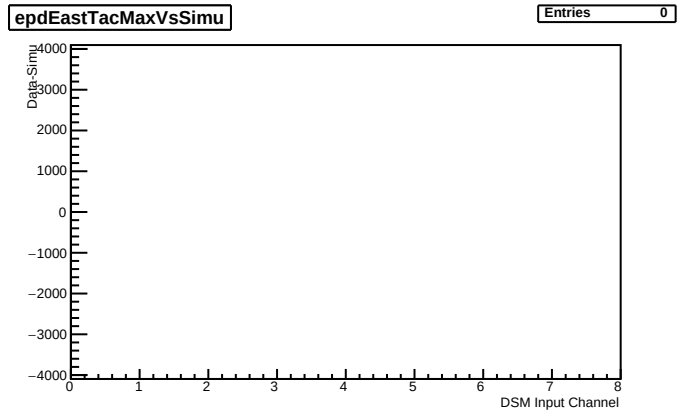
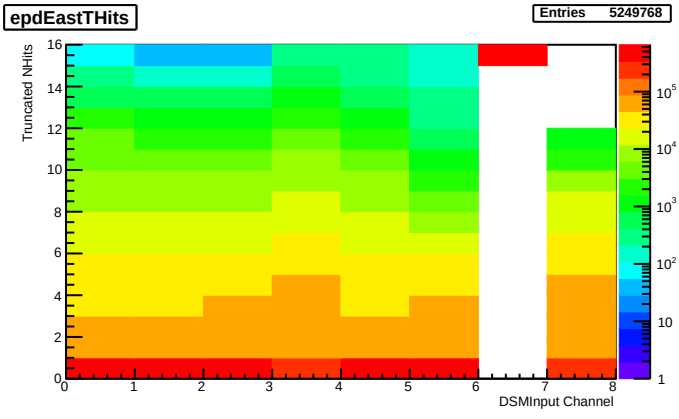
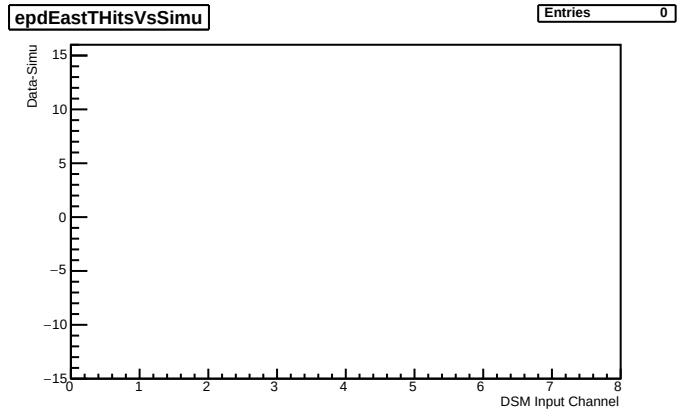

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5249768
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5249768
Truncated NHits
DSMInput Channel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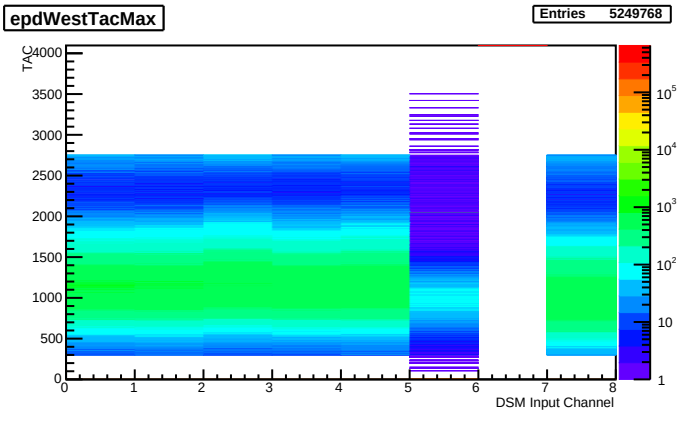
Data-Simu
DSM Input Channel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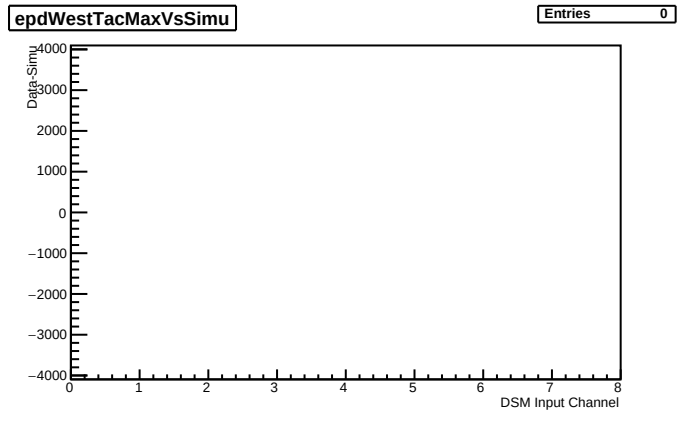
Entries 5249768
TAC
DSM Input Channel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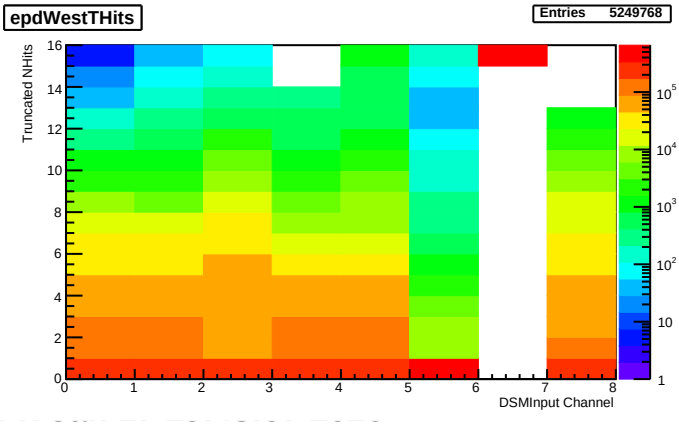
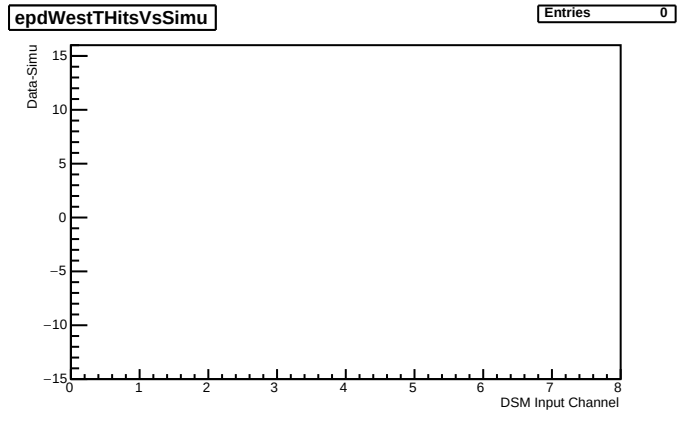
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5249768
Truncated NHits
DSMInput Channel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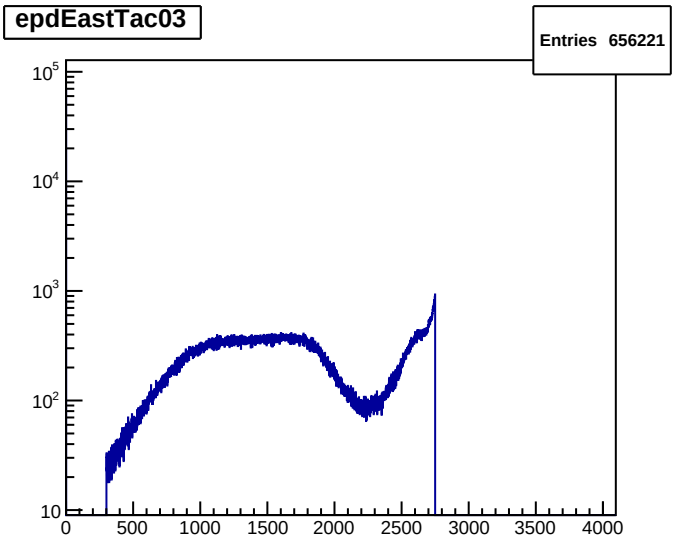
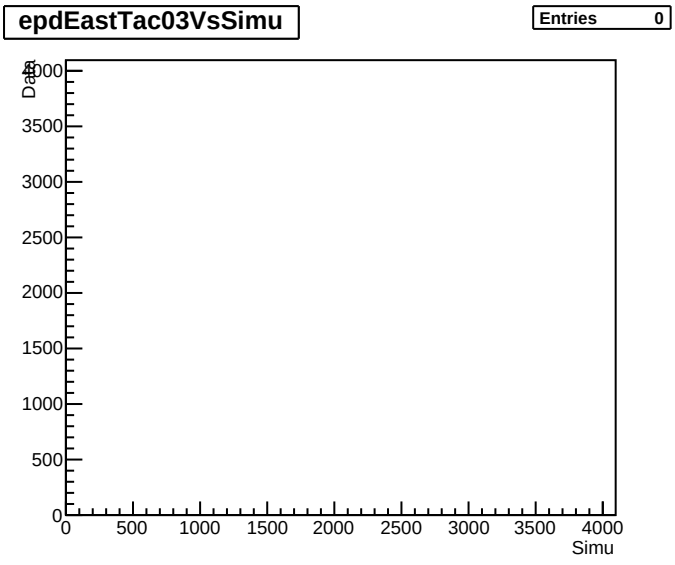
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 656221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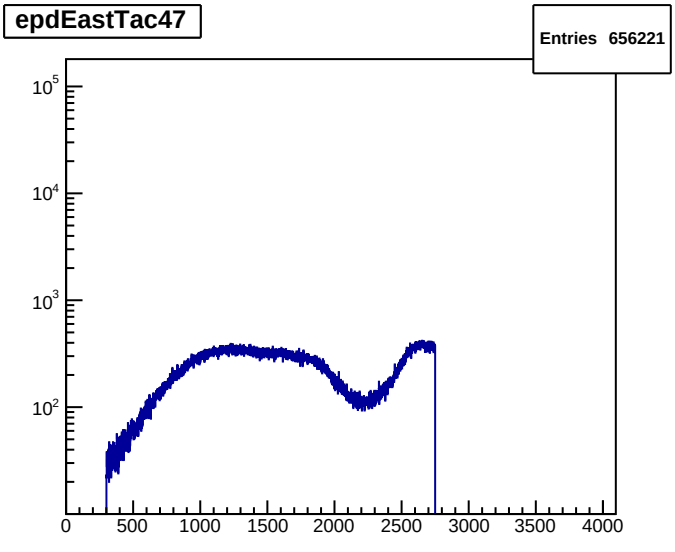
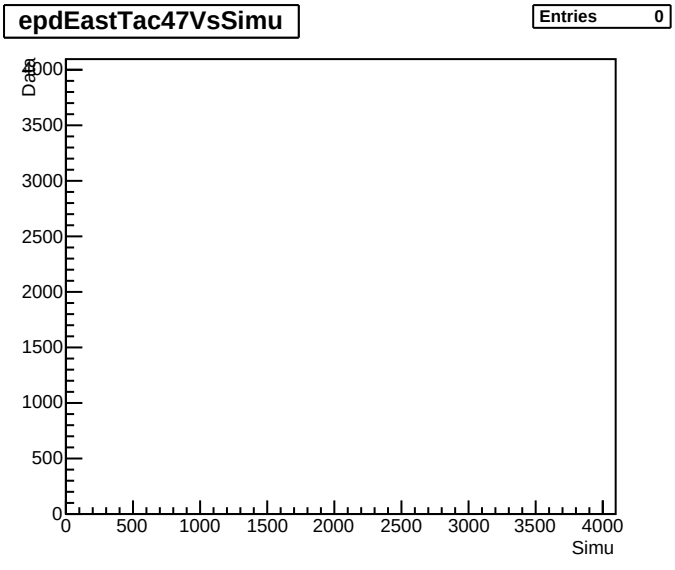
Entries 0
Data
Simu


epdEastTac47
Entries 656221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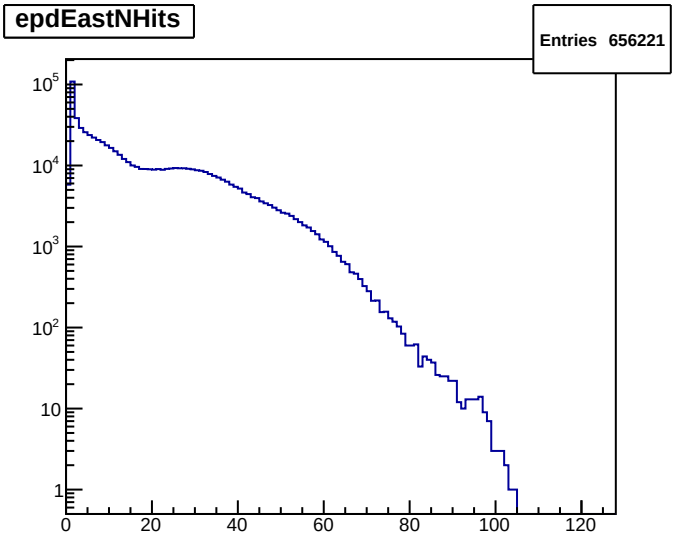
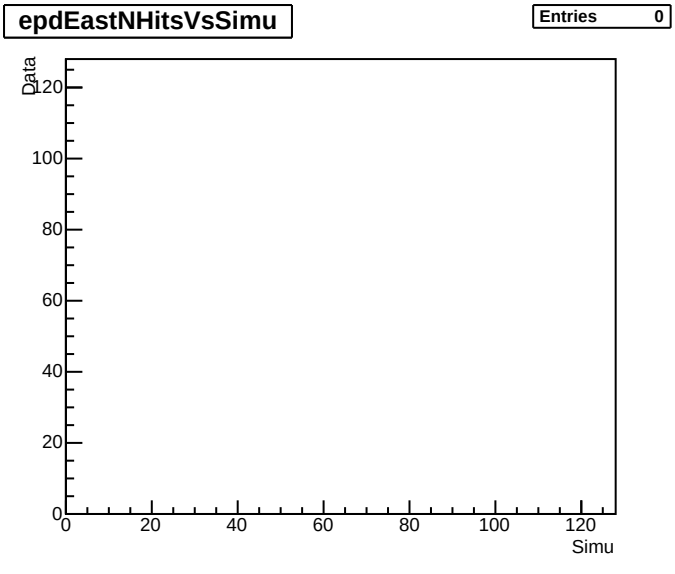
Entries 0
Data
Simu


epdEastNHits
Entries 656221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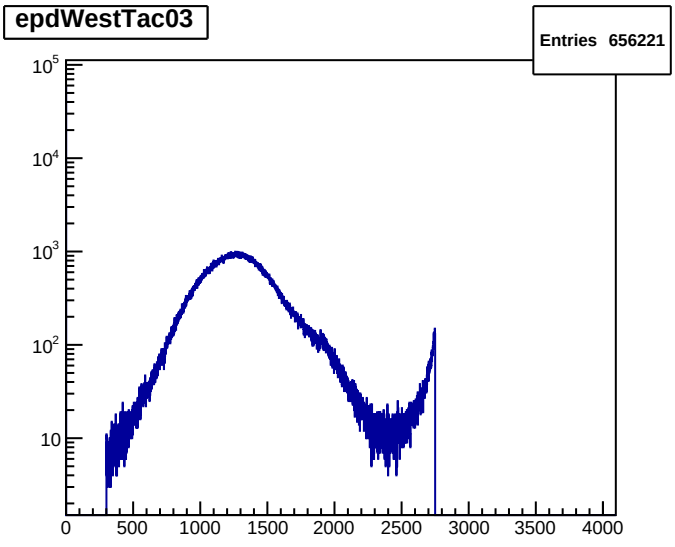
Entries 0
Data
Simu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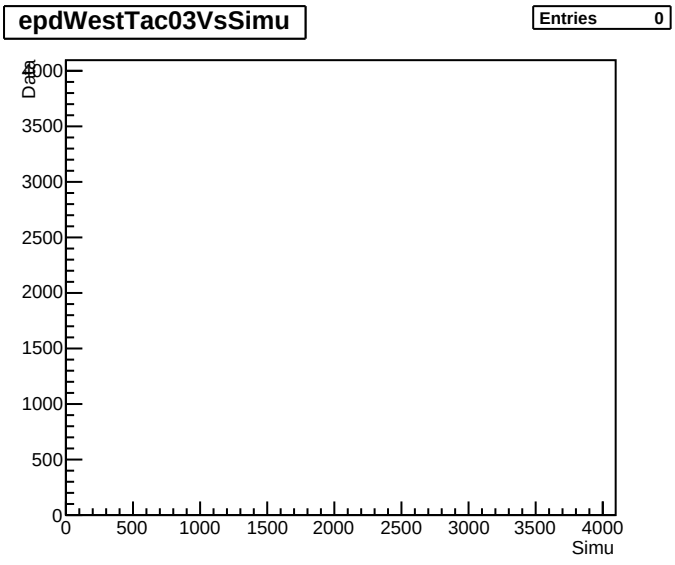
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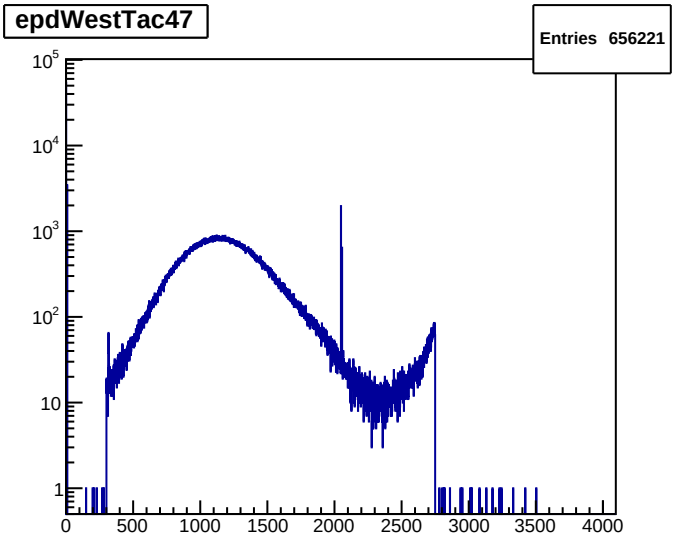
Entries 0
Data
Simu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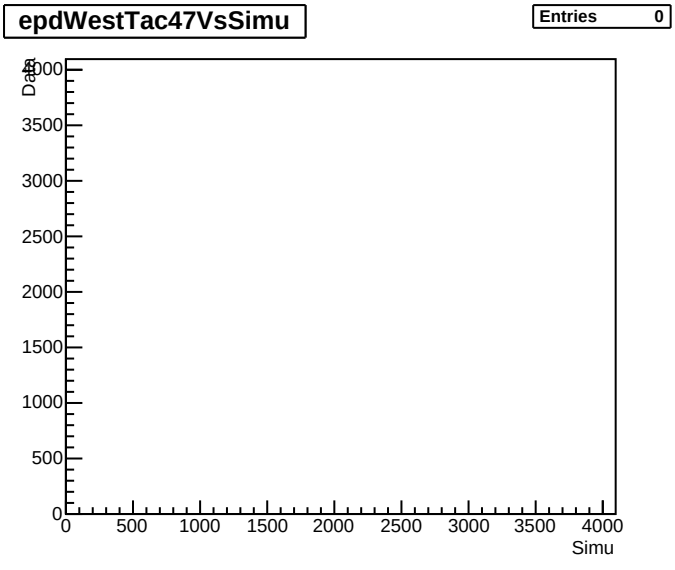
Entries 656221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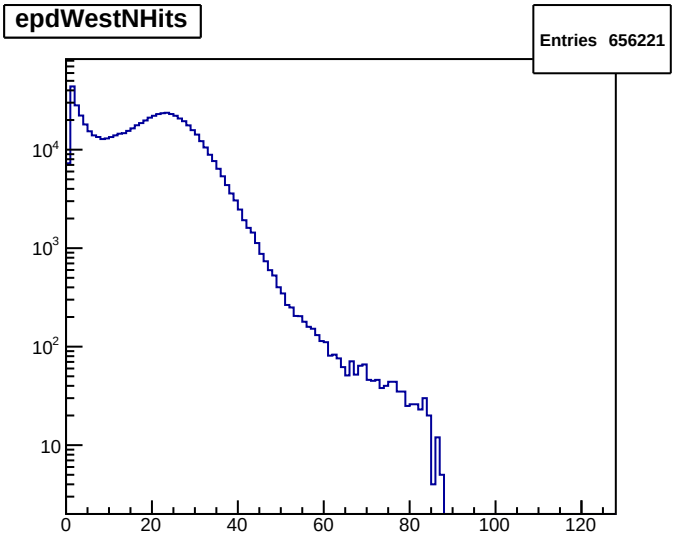
Entries 0
Data
Simu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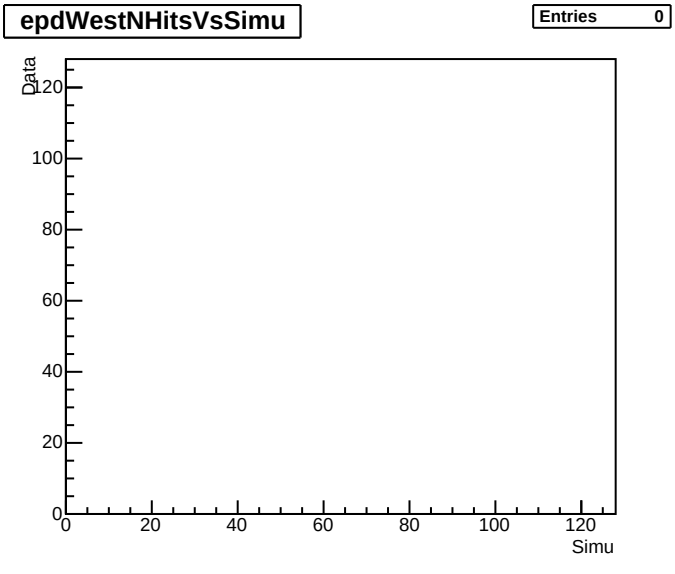
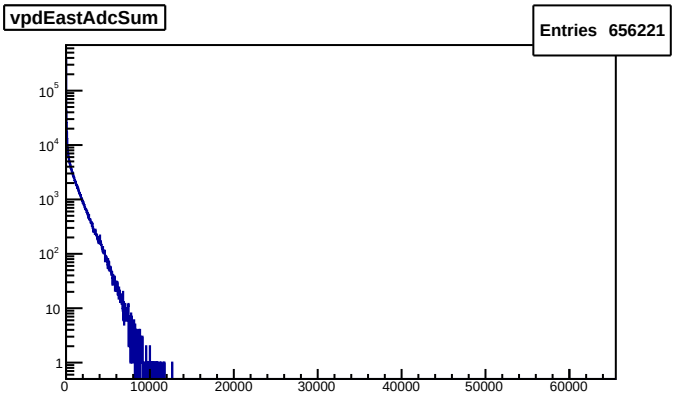
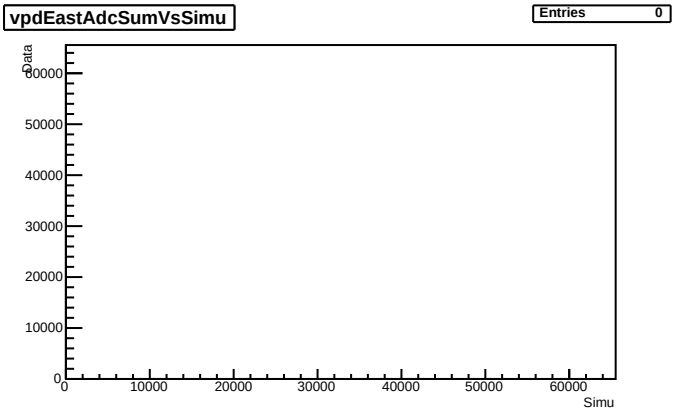
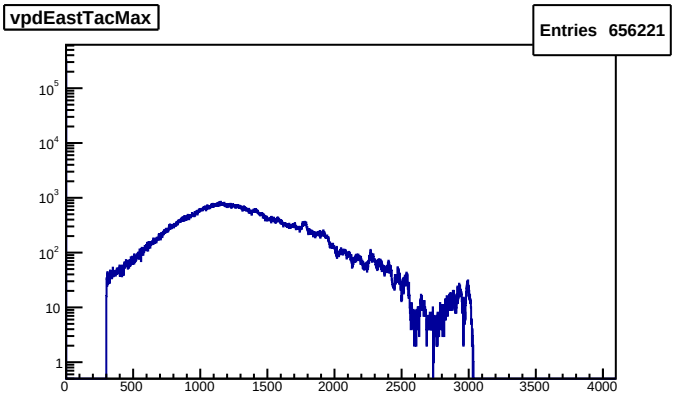
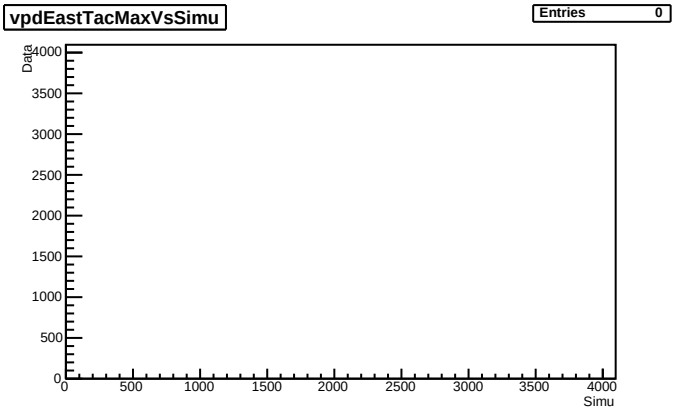
Entries 656221


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 656221


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 656221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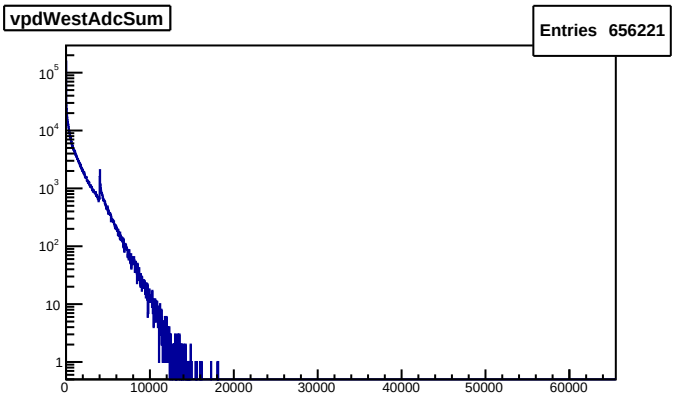
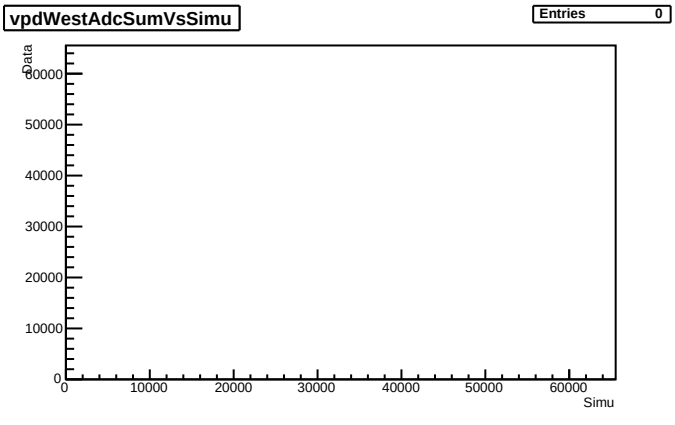
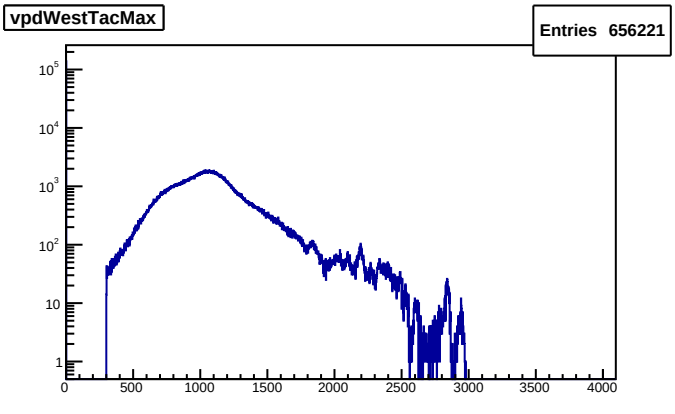
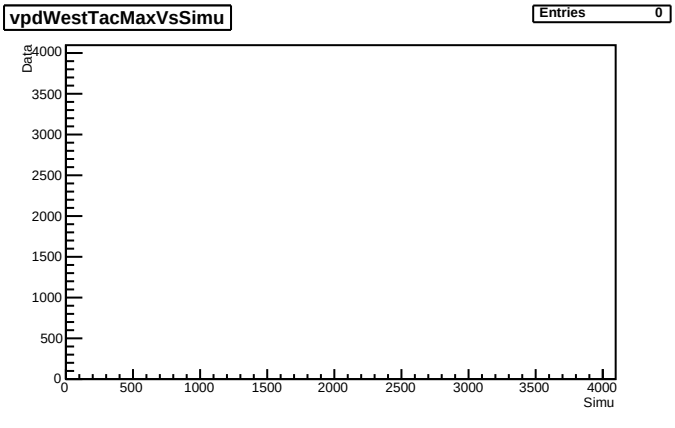
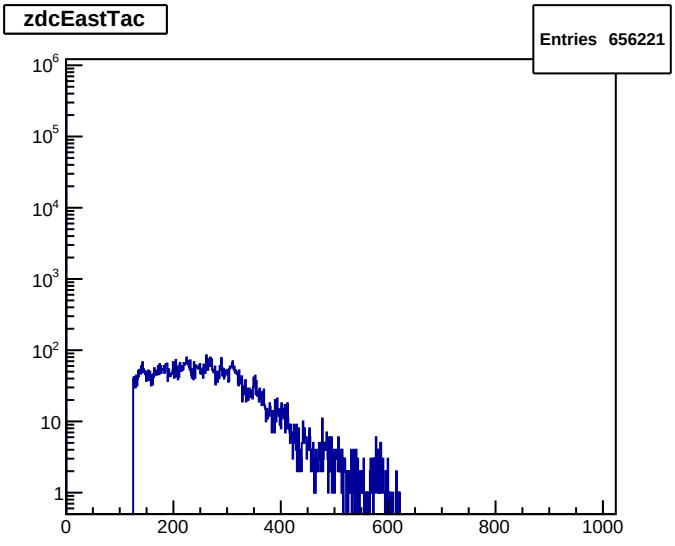
Entries 0
Data
Simu

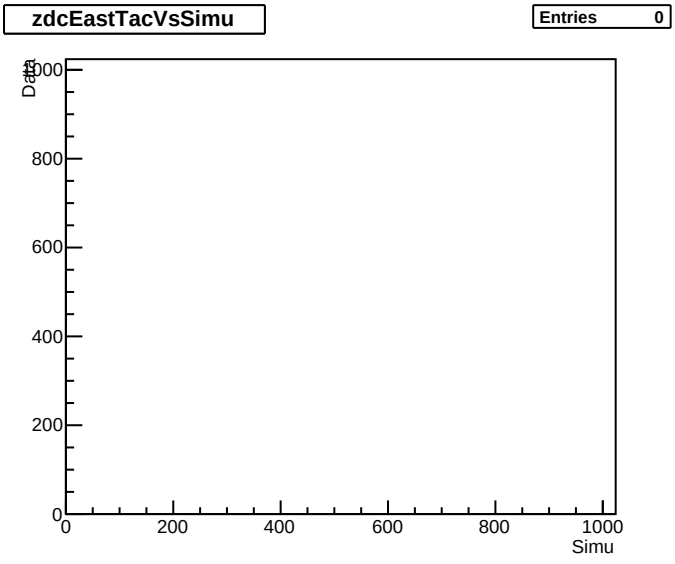

vpdWestAdcSum
Entries 656221

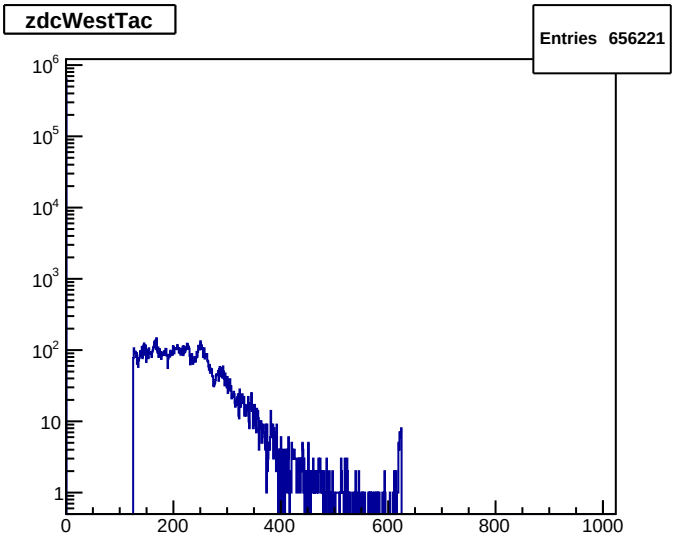

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

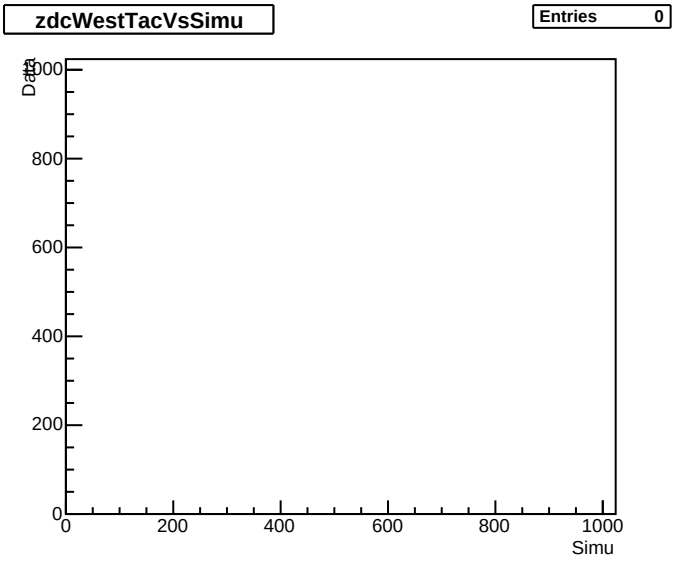

vpdWestTacMax
Entries 656221

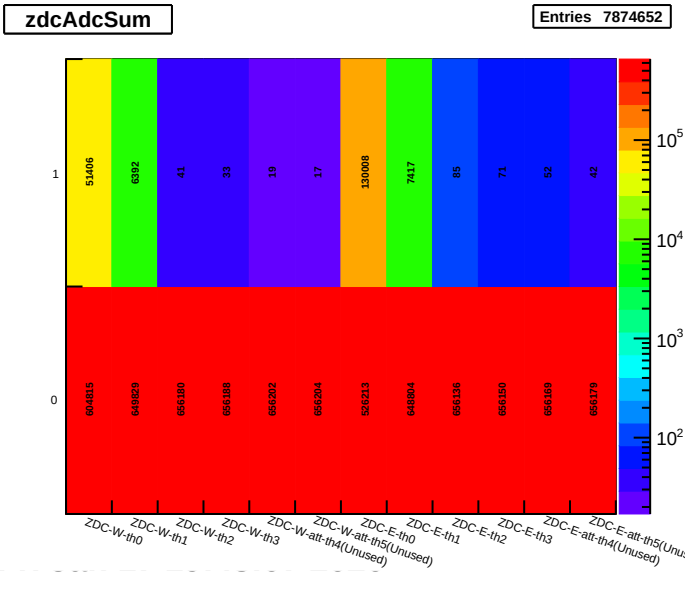

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

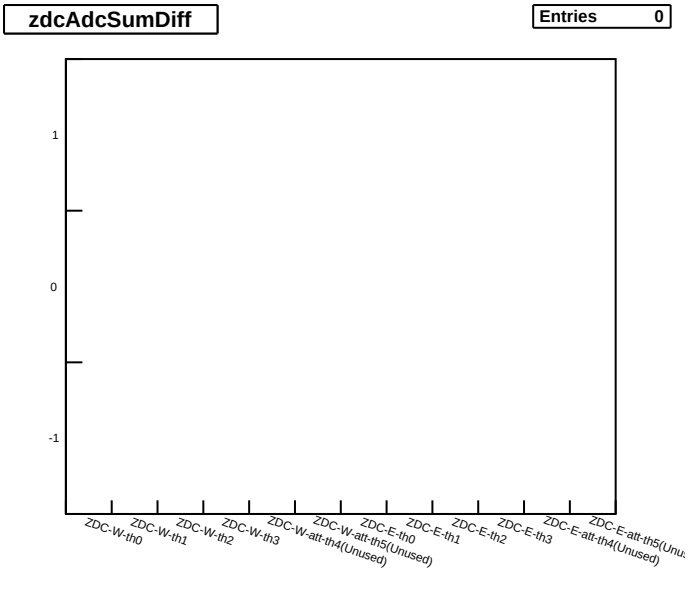

zdcEastTac
Entries 656221

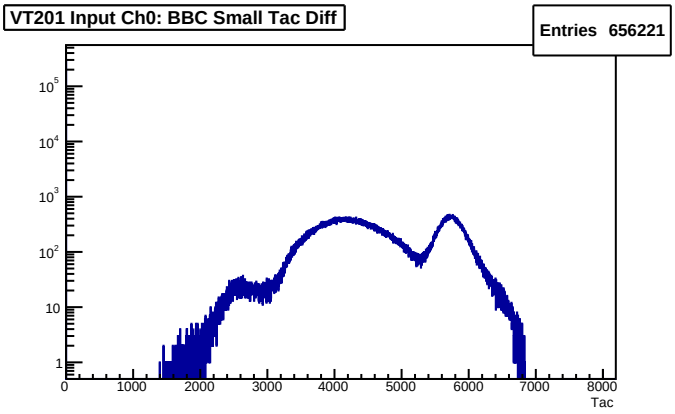

zdcEastTacVsSimu
Entries 0
Data
Simu

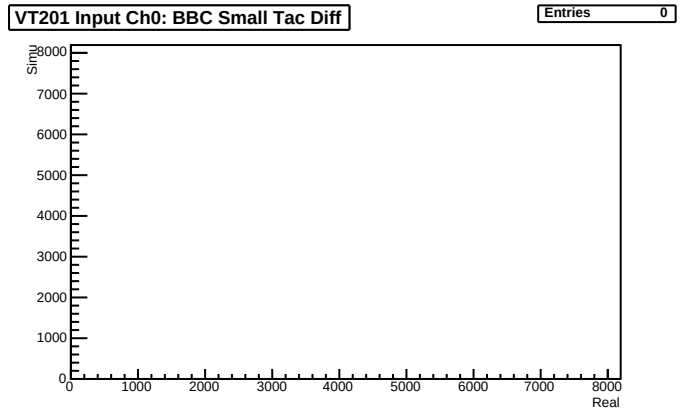

zdcWestTac
Entries 656221

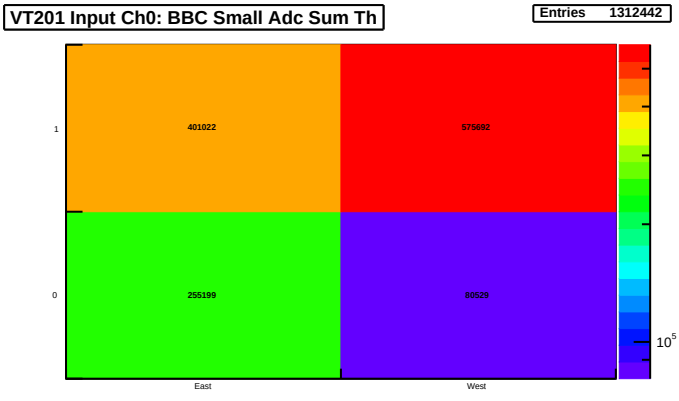

zdcWestTacVsSimu
Entries 0
Data
Simu

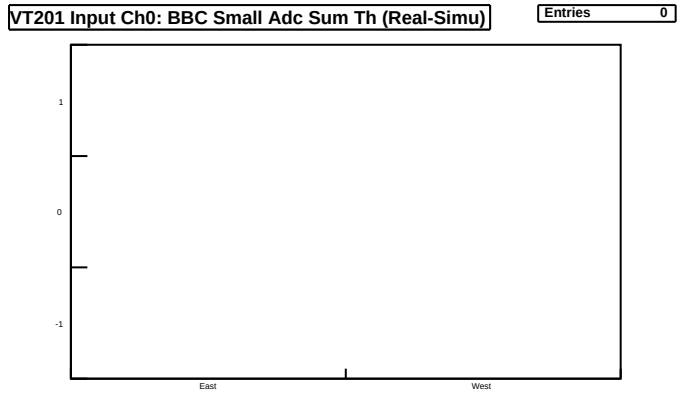

zdcAdcSum
Entries 7874652
51406
6392
41
33
19
17
130008
7417
85
71
52
42
604815
649829
656180
656188
656202
656204
526213
648804
656136
656150
656169
656179
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

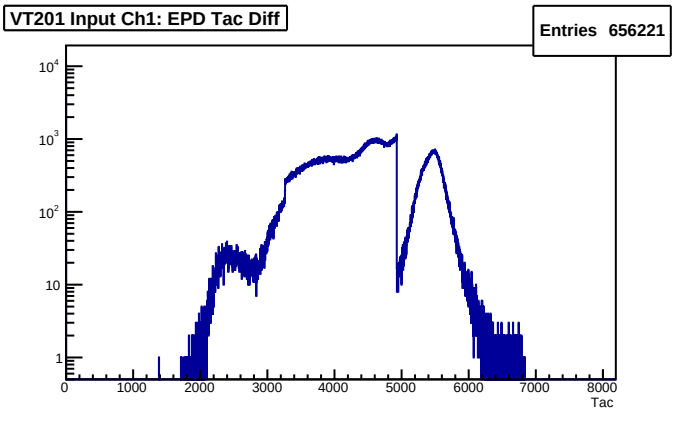

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

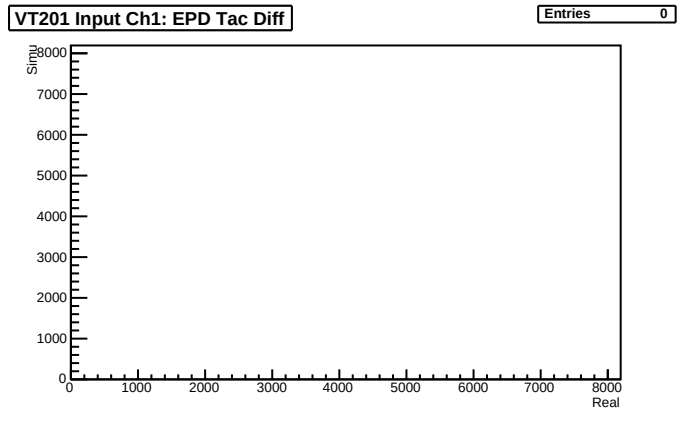

VT201 Input Ch0: BBC Small Tac Diff
Entries 656221
Tac

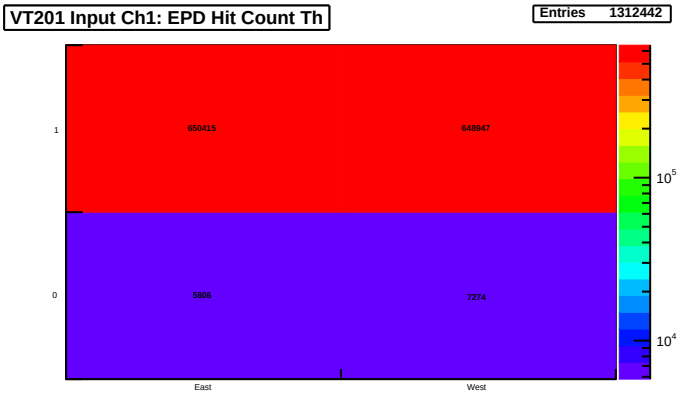

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

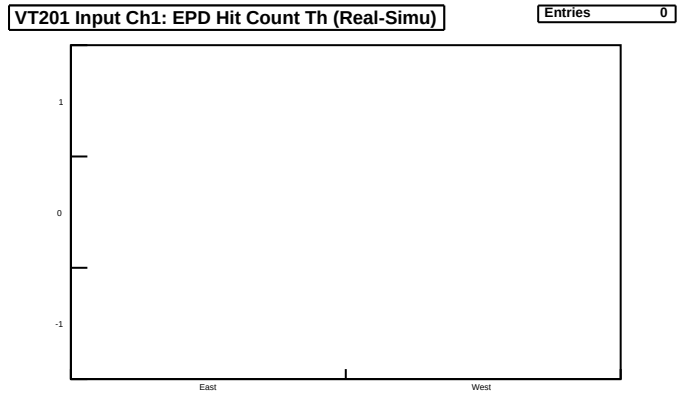

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1312442
401022
575692
255199
80529
East
West

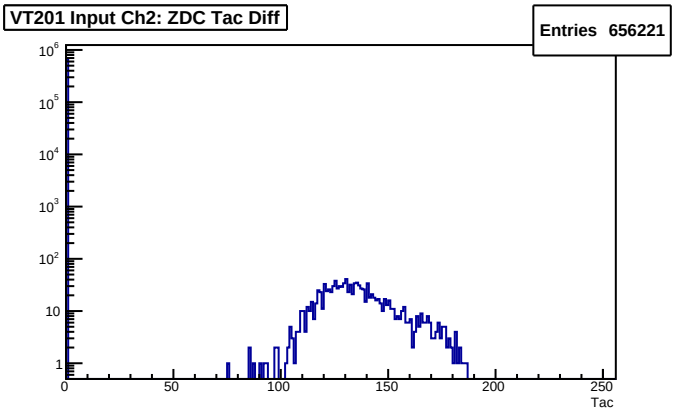

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

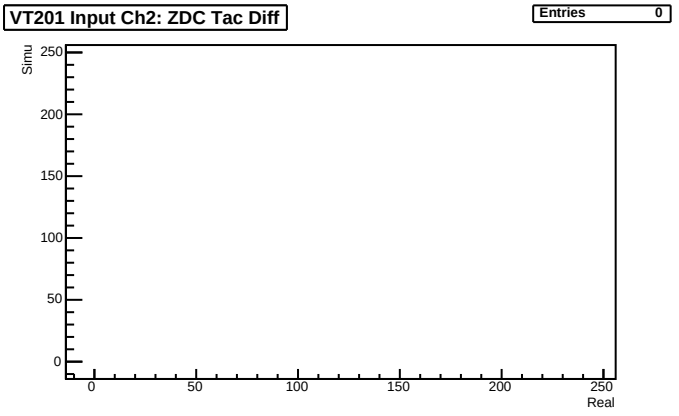

VT201 Input Ch1: EPD Tac Diff
Entries 656221
Tac

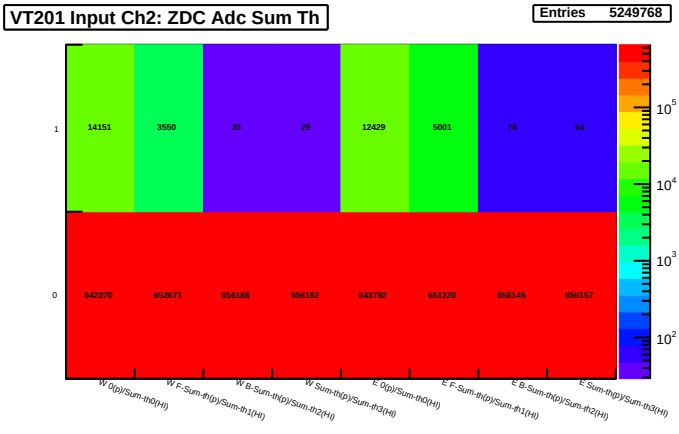

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

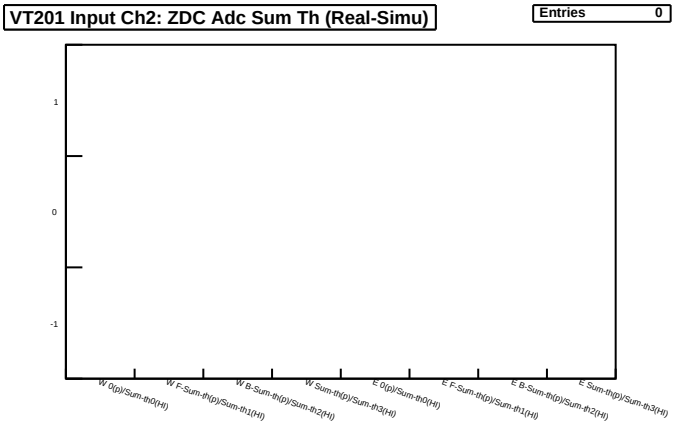

VT201 Input Ch1: EPD Hit Count Th
Entries 1312442
650415
649947
5806
7274
East
West

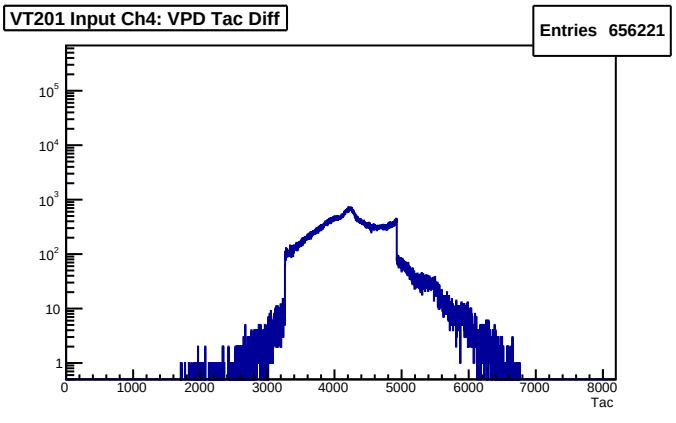

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

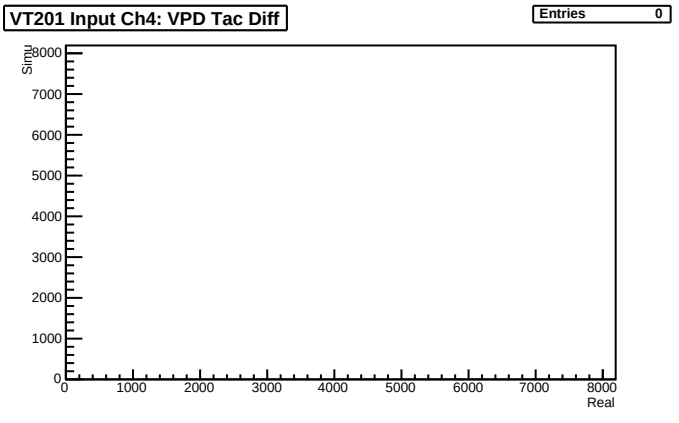

VT201 Input Ch2: ZDC Tac Diff
Entries 656221
Tac

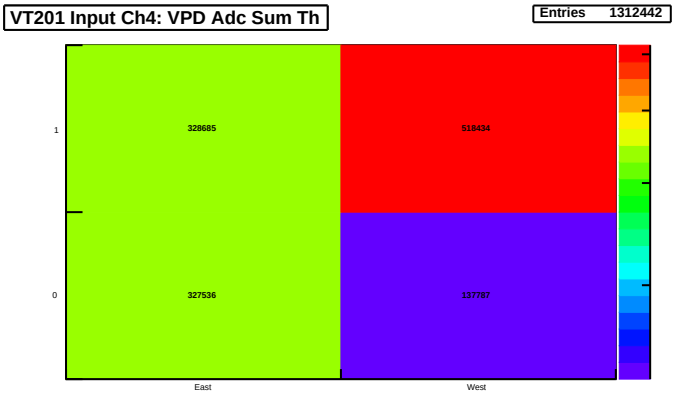

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

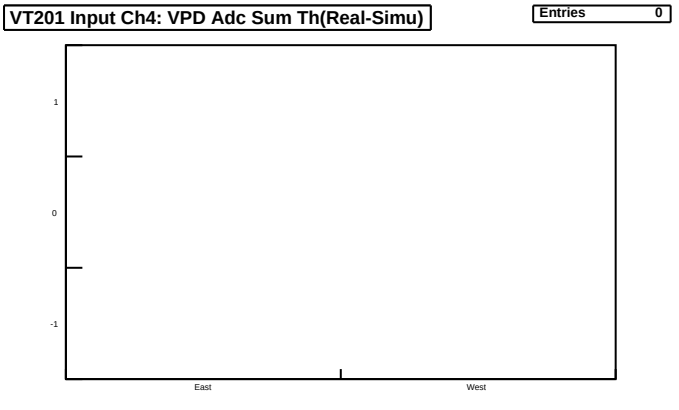

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5249768
14151
3550
35
29
12429
5001
76
64
642070
652671
656186
656192
643792
651220
656145
656157
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

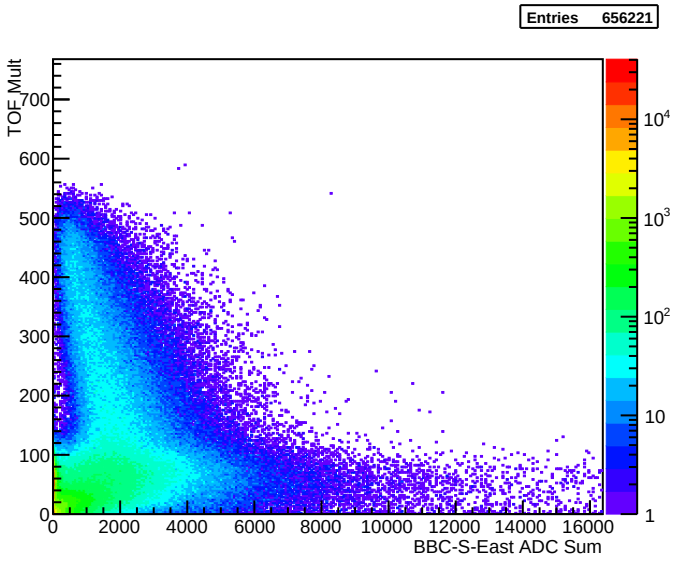

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

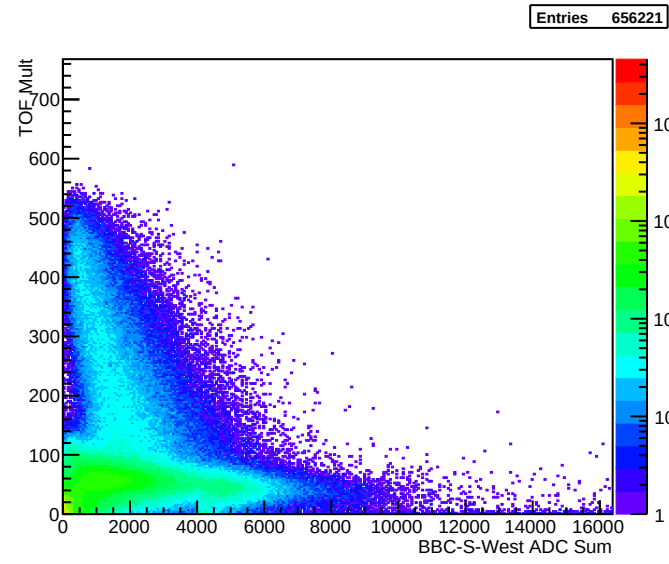

VT201 Input Ch4: VPD Tac Diff
Entries 656221
Tac

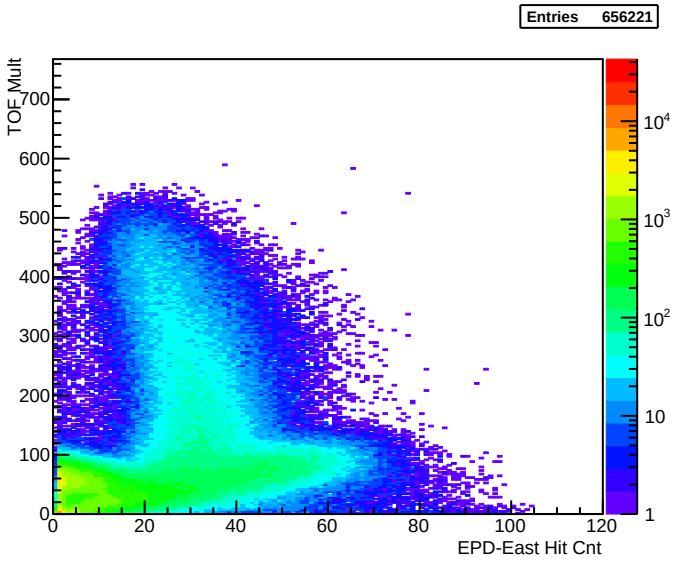

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

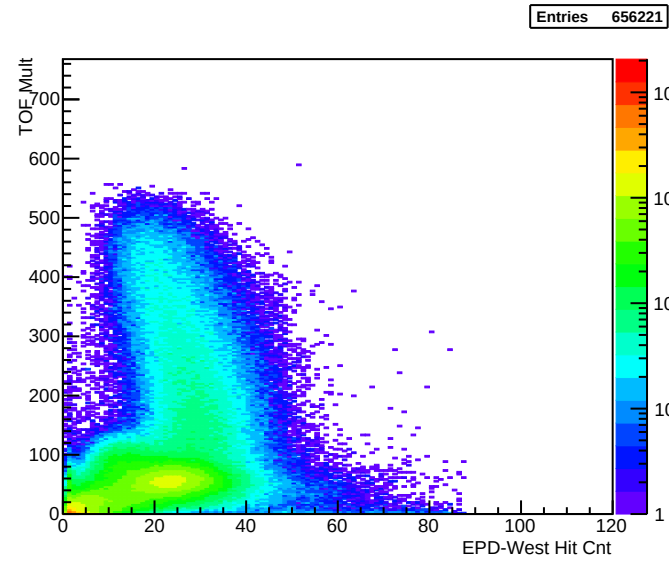

VT201 Input Ch4: VPD Adc Sum Th
Entries 1312442
328685
518434
327536
137787
East
West

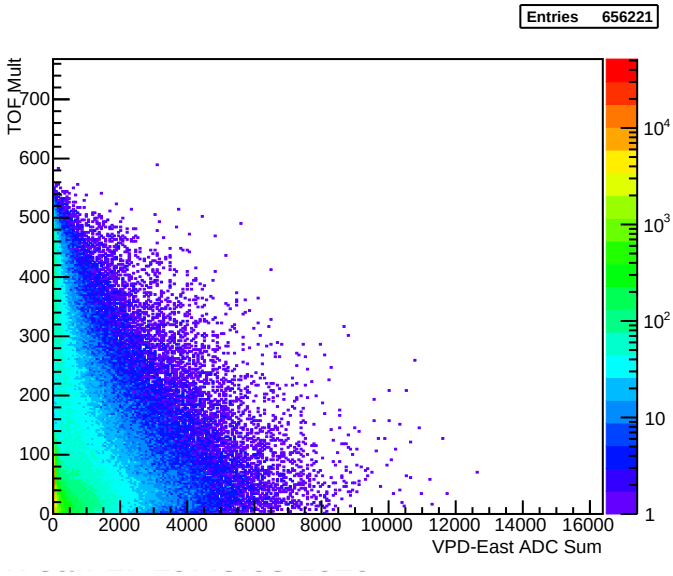

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

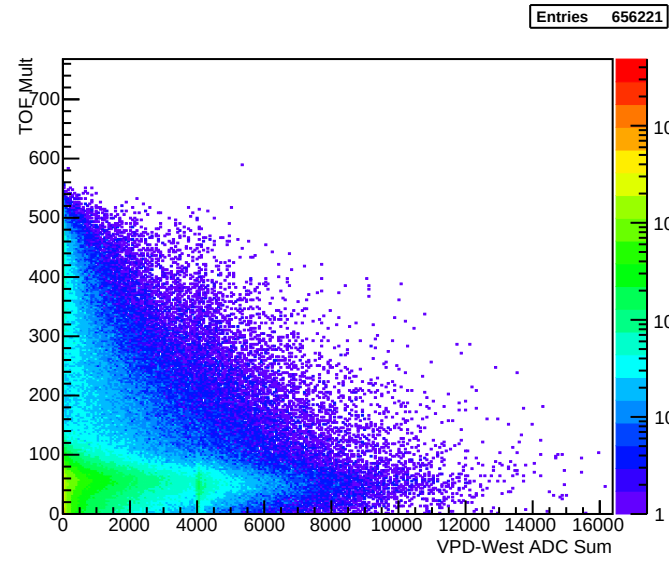

Entries 656221
TOF_Mult
BBC-S-East ADC Sum

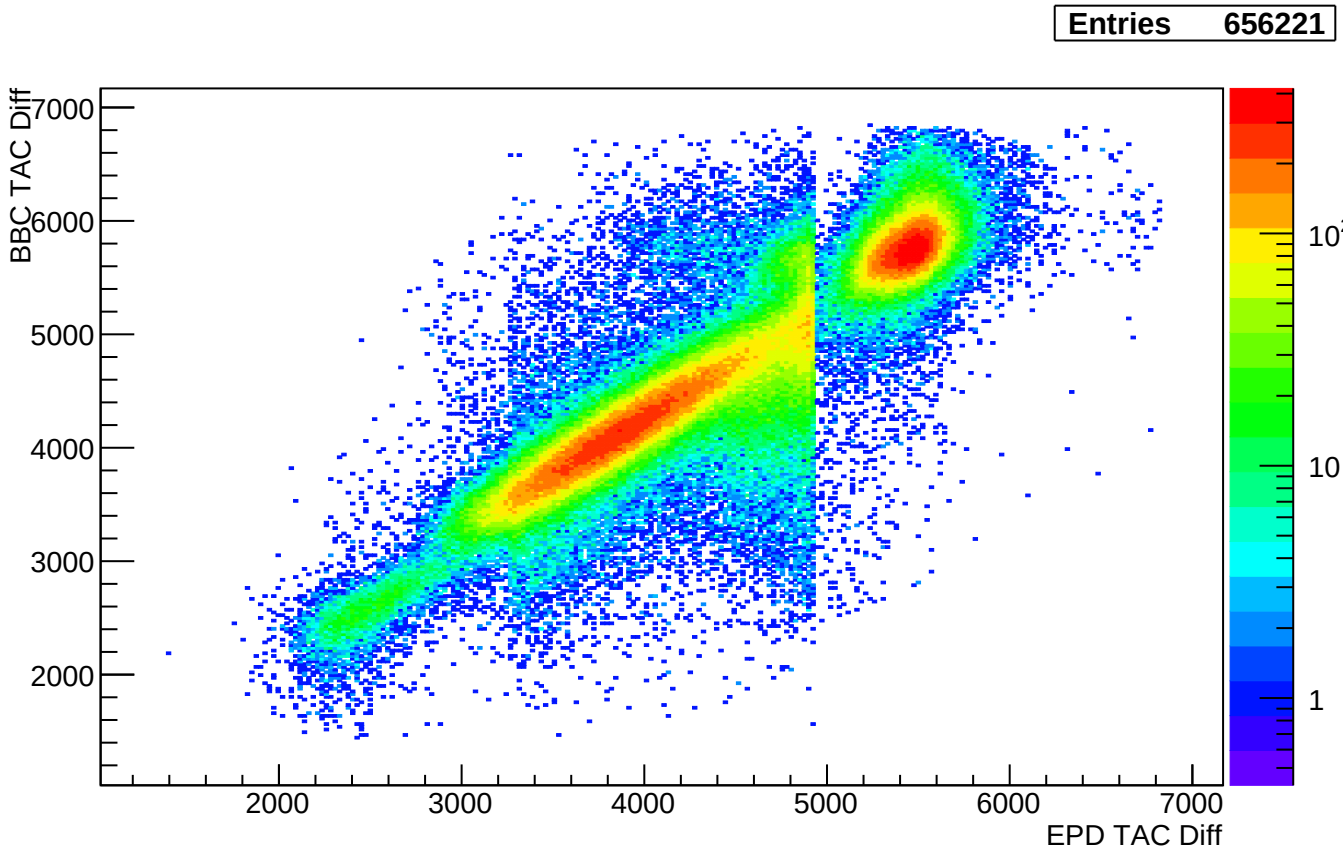

Entries 656221
TOF_Mult
BBC-S-West ADC Sum

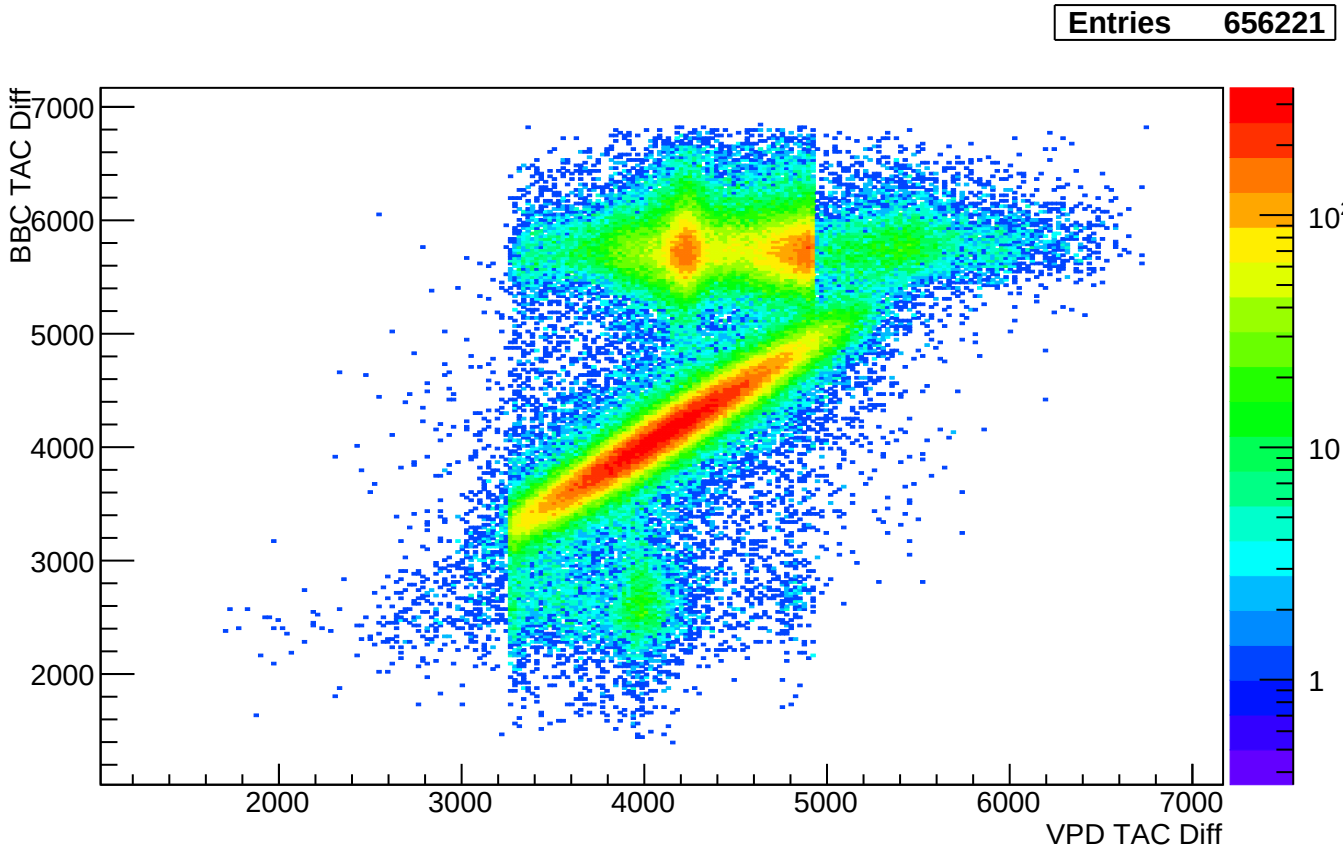

Entries 656221
TOF_Mult
EPD-East Hit Cnt

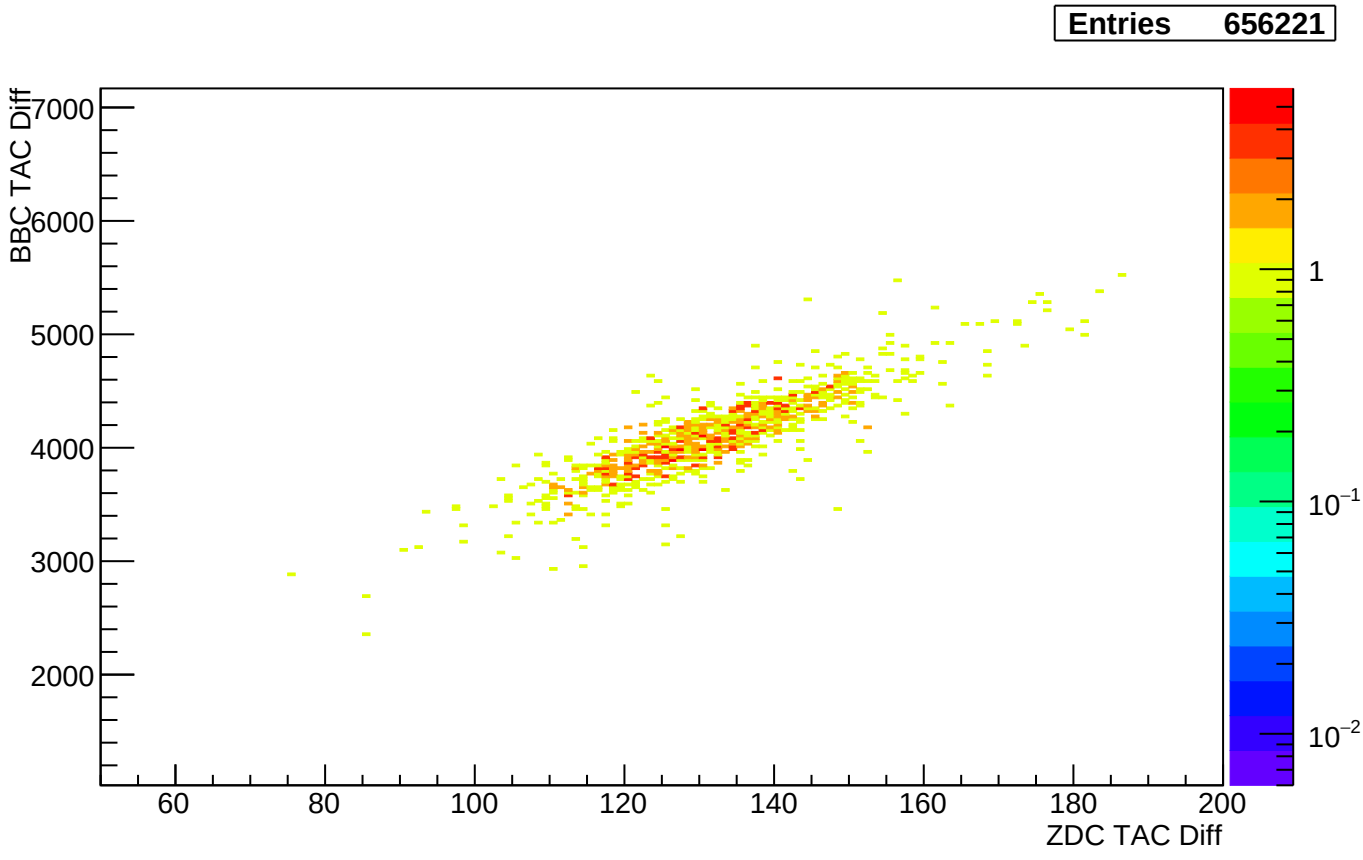

Entries 656221
TOF_Mult
EPD-West Hit Cnt

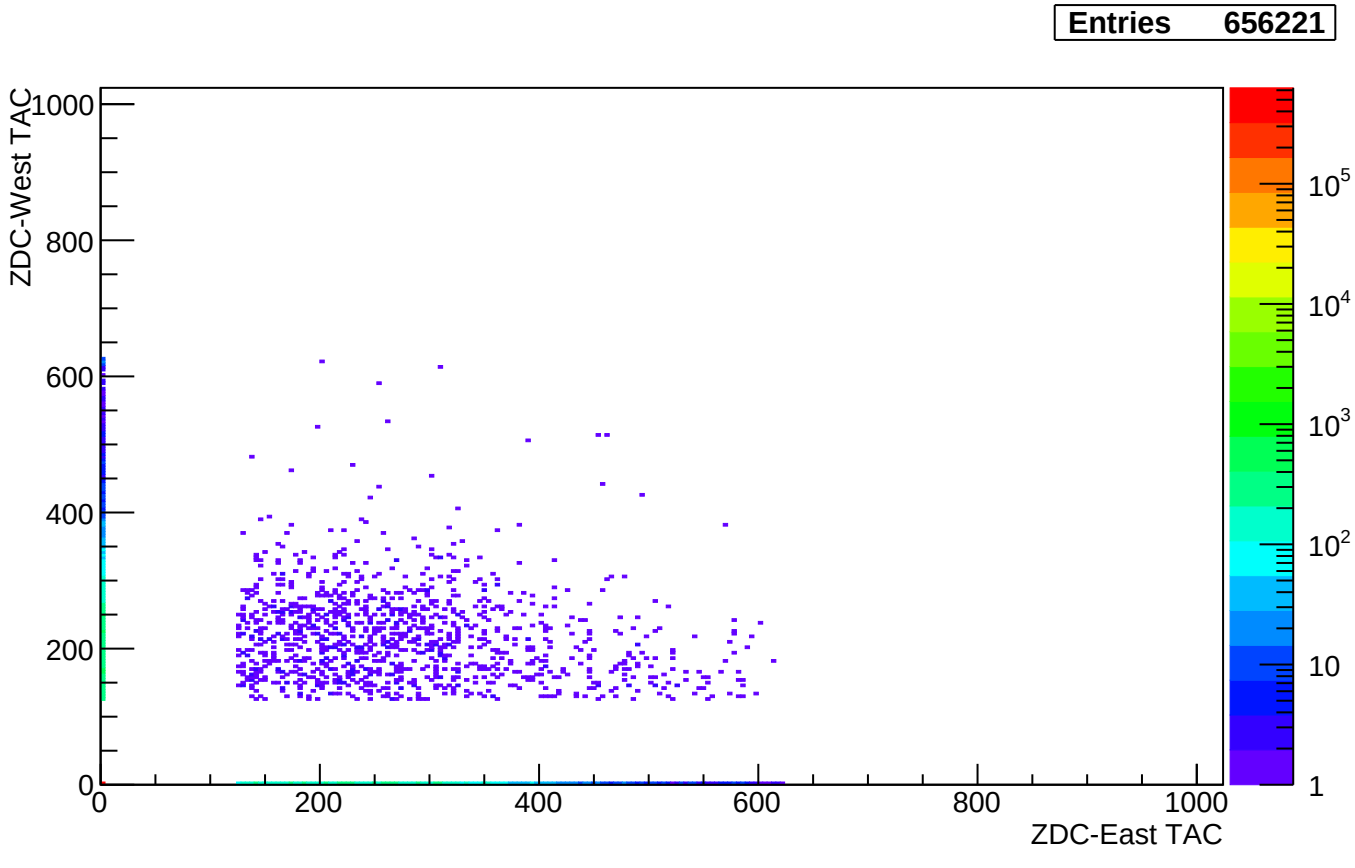

Entries 656221
TOF_Mult
VPD-East ADC Sum

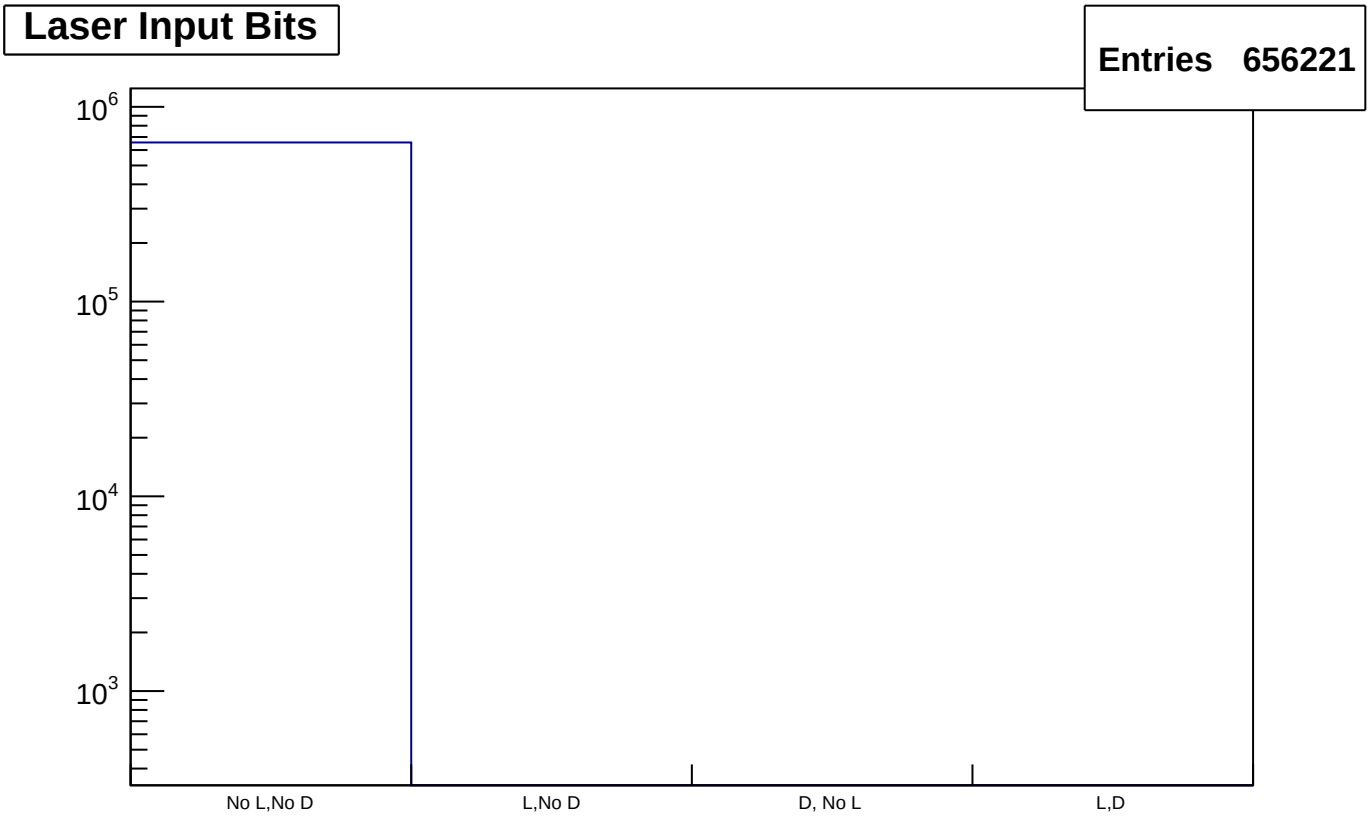

Entries 656221
TOF_Mult
VPD-West ADC Sum

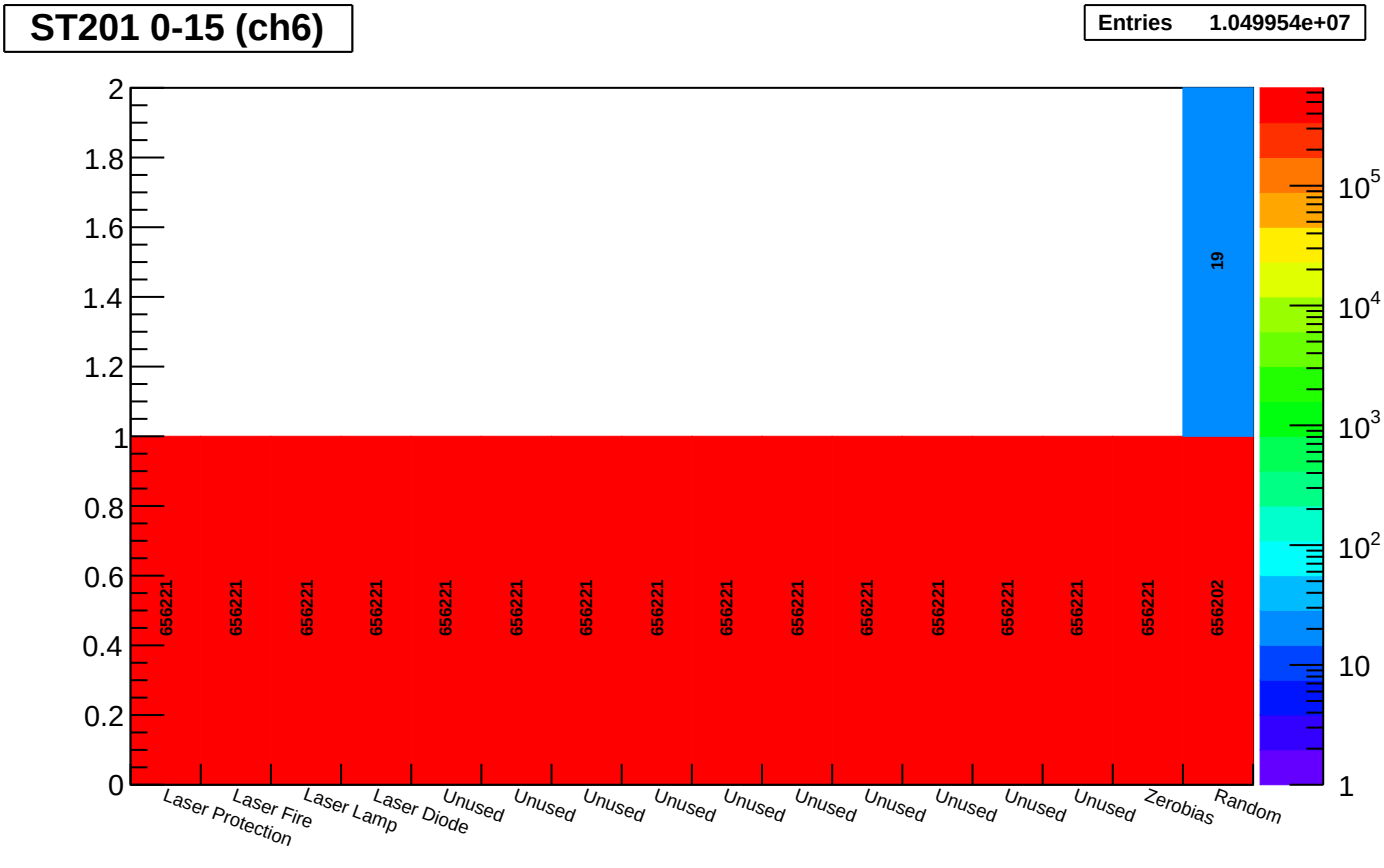

Entries 656221
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

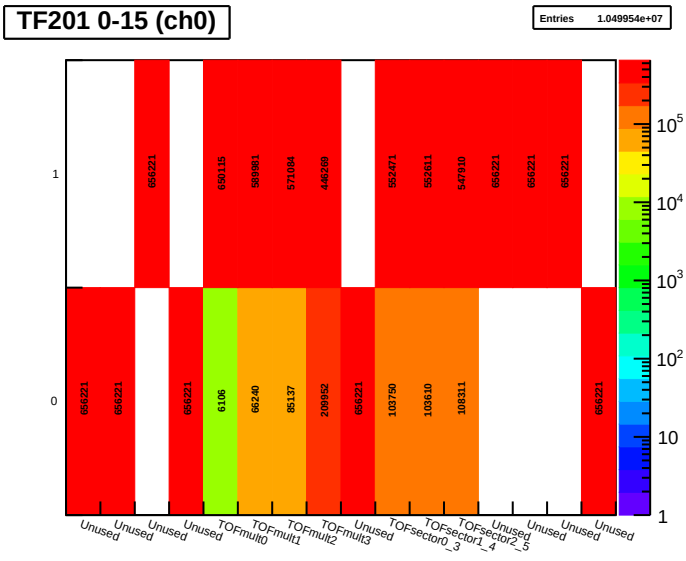

Entries 656221
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

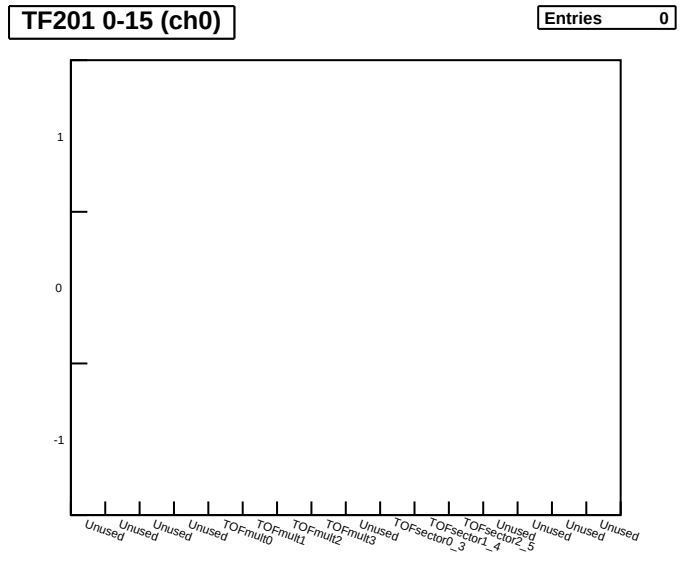

Entries 656221
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

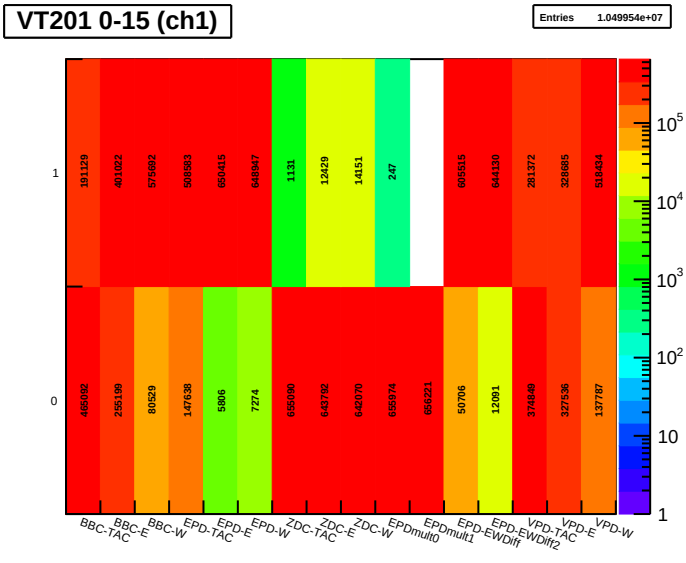

Entries 656221
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

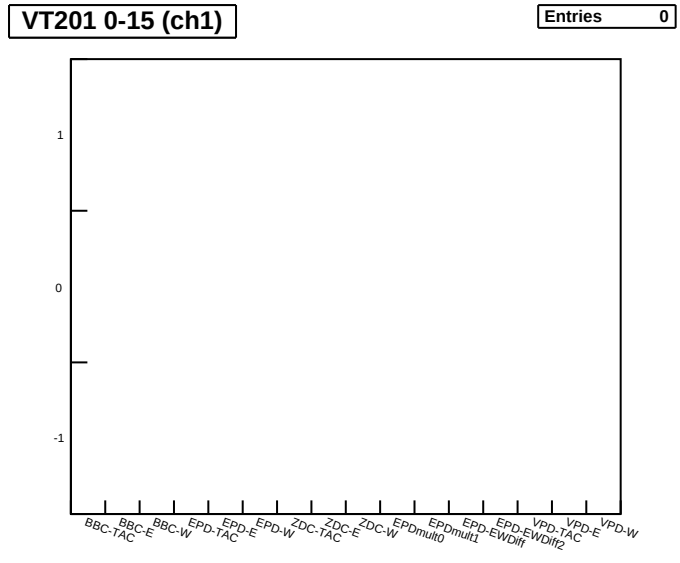

Laser Input Bits
Entries 656221
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

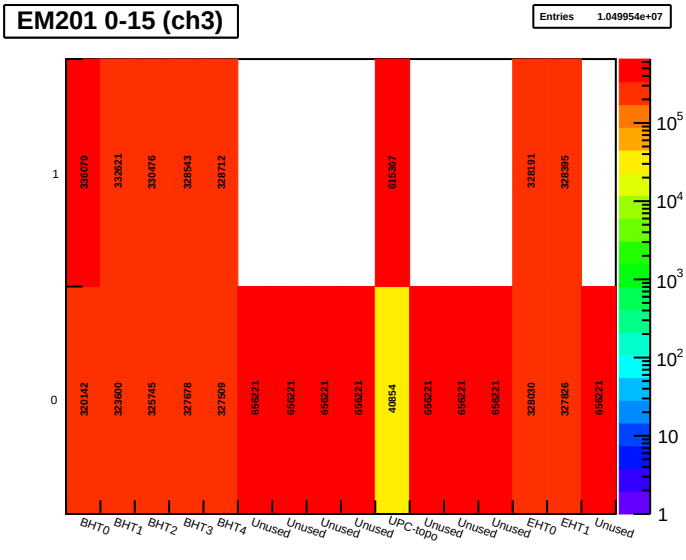

ST201 0-15 (ch6)
Entries 1.049954e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
19
656221
656202
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

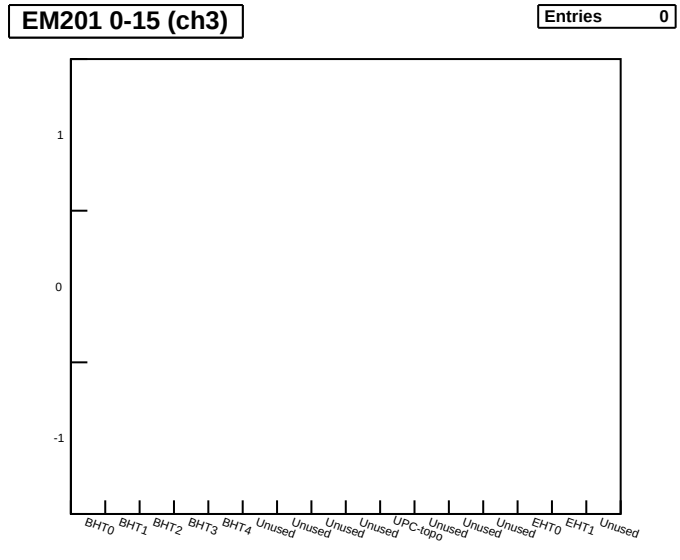

TF201 0-15 (ch0)
Entries 1.049954e+07
1
0
656221
630115
589981
571084
446269
552471
552811
547910
656221
656221
656221
656221
656221
656221
656221
6106
66240
85137
209952
656221
103750
103610
108311
656221
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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


VT201 0-15 (ch1)
Entries 1.049954e+07
1
0
191129
401022
575692
508583
650415
648947
1131
12429
14151
247
605515
644130
281372
328685
518434
466092
255199
80529
147638
5906
7274
655090
643792
642070
655974
656221
50706
12091
374849
327536
137787
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 1.049954e+07
1
0
336079
332821
330476
326543
320712
615367
328191
328395
320142
323600
325745
327678
327509
656221
656221
656221
656221
40854
656221
656221
656221
328030
327826
656221
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