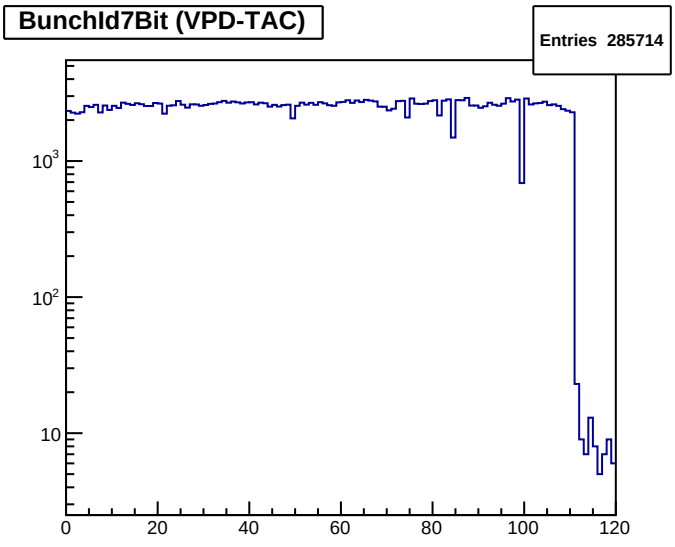
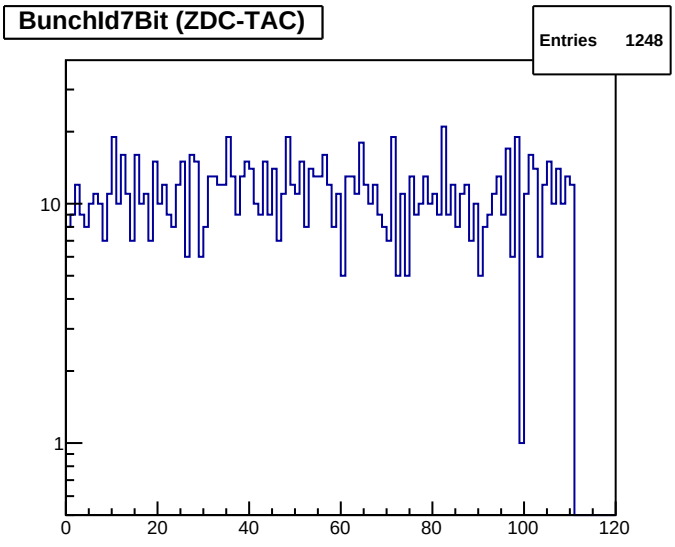
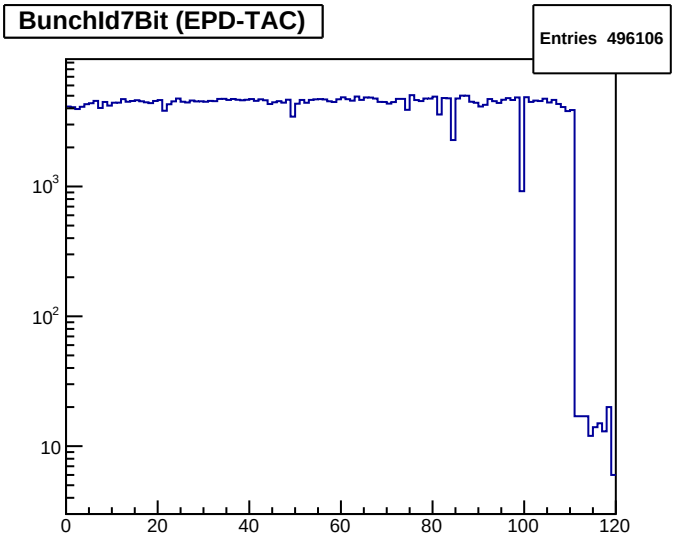
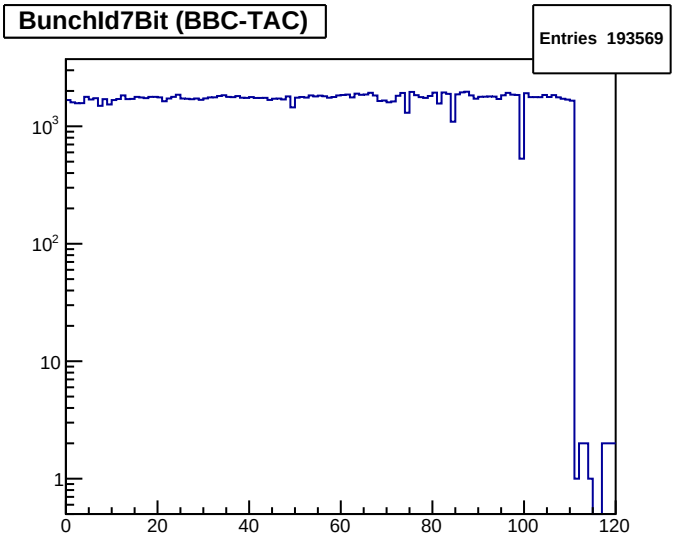
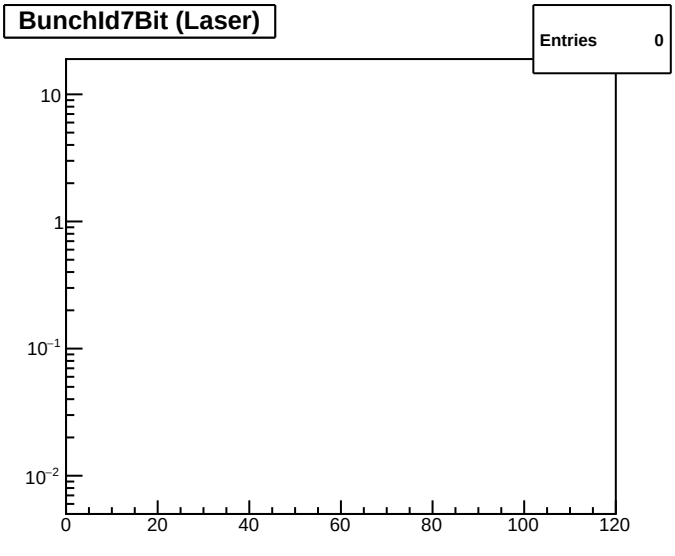
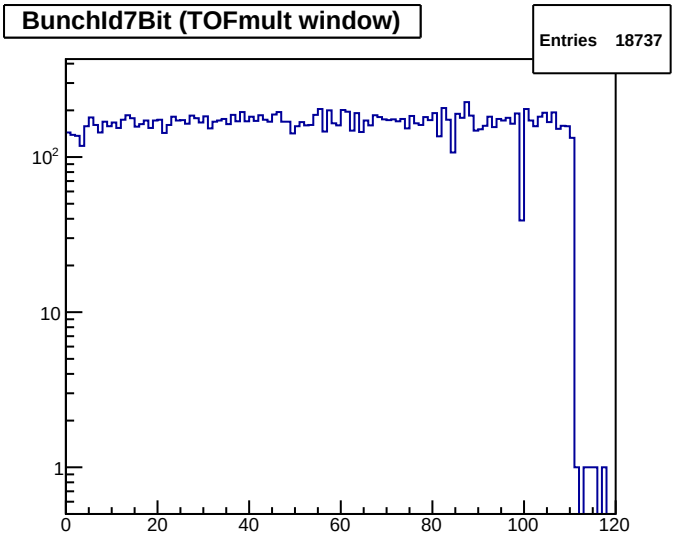

BunchId7Bit (VPD-TAC)
Entries 285714

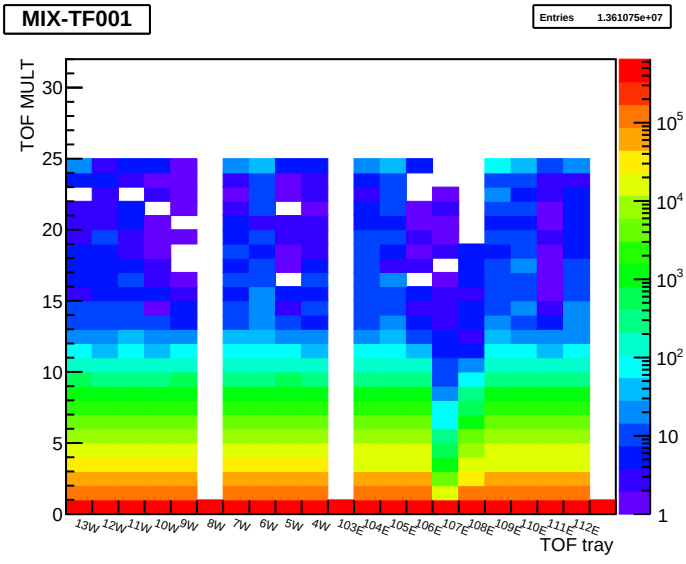

BunchId7Bit (ZDC-TAC)
Entries 1248

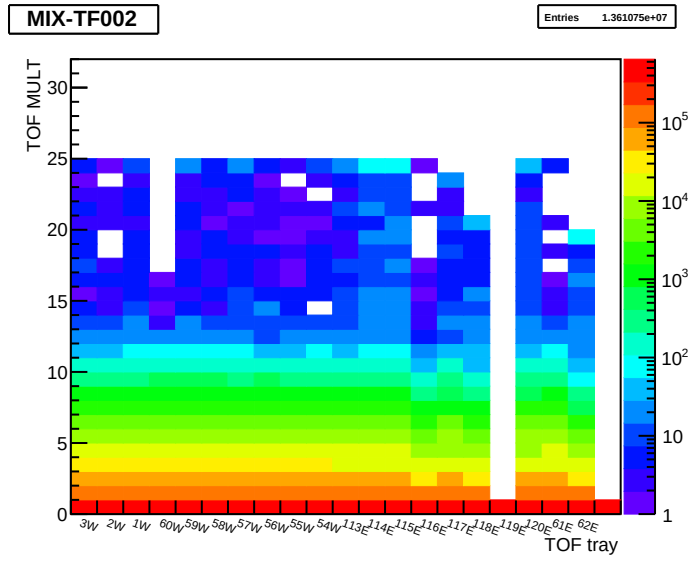

BunchId7Bit (EPD-TAC)
Entries 496106

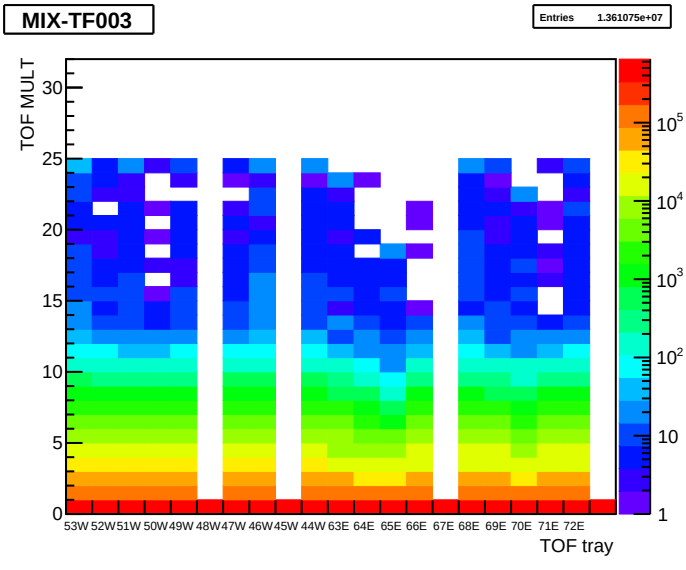

BunchId7Bit (BBC-TAC)
Entries 193569

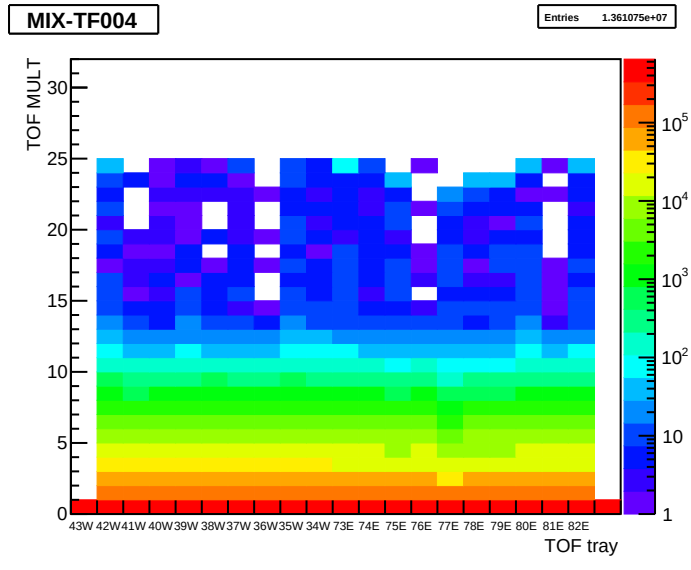

BunchId7Bit (Laser)
Entries 0

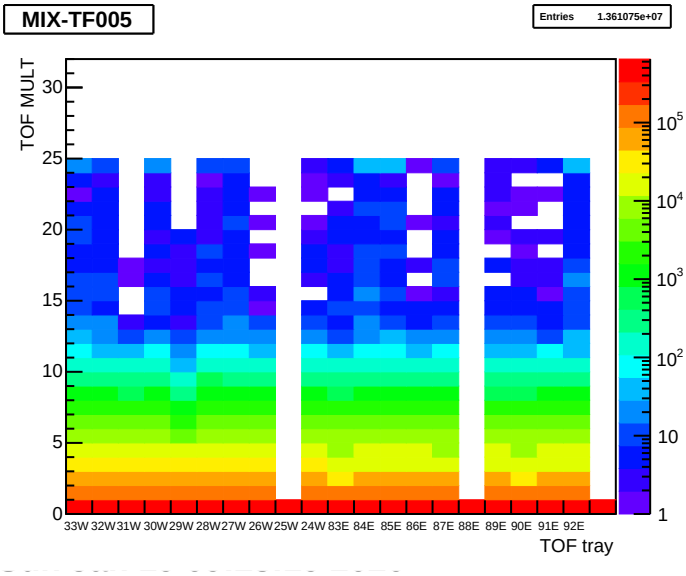

BunchId7Bit (TOFmult window)
Entries 18737

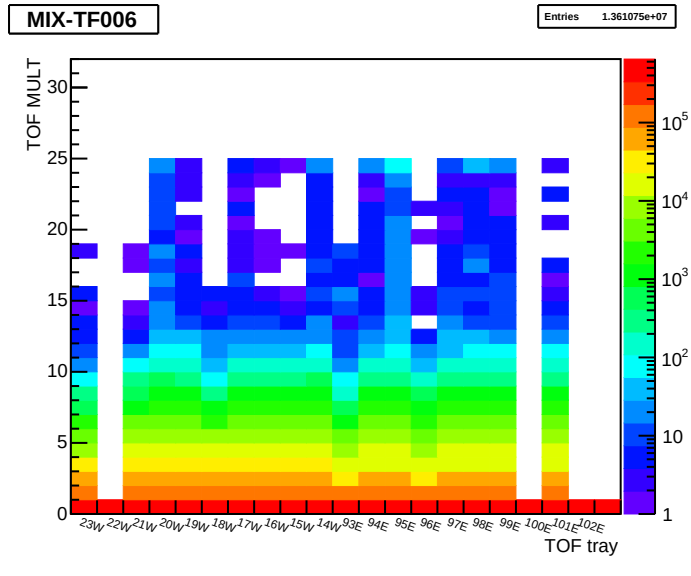

MIX-TF001
Entries 1.361075e+07
TOF MULT
TOF tray

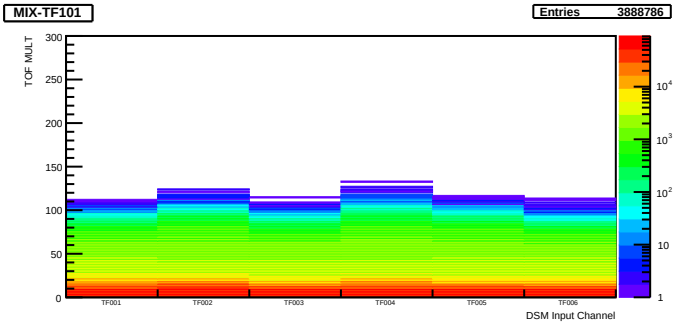

MIX-TF002
Entries 1.361075e+07
TOF MULT
TOF tray

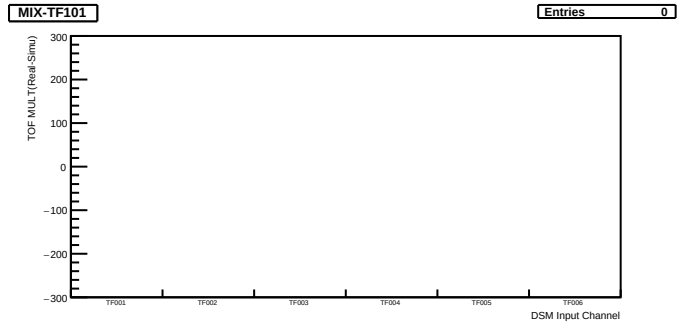

MIX-TF003
Entries 1.361075e+07
TOF MULT
TOF tray

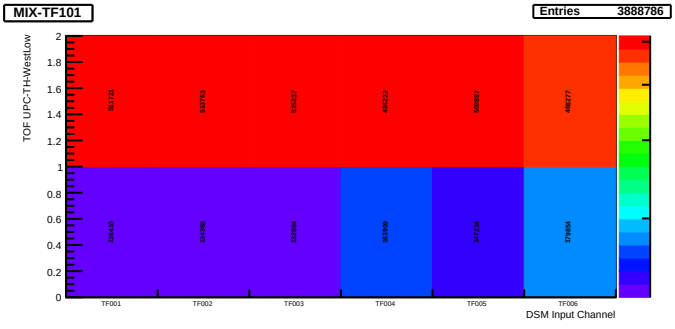

MIX-TF004
Entries 1.361075e+07
TOF MULT
TOF tray

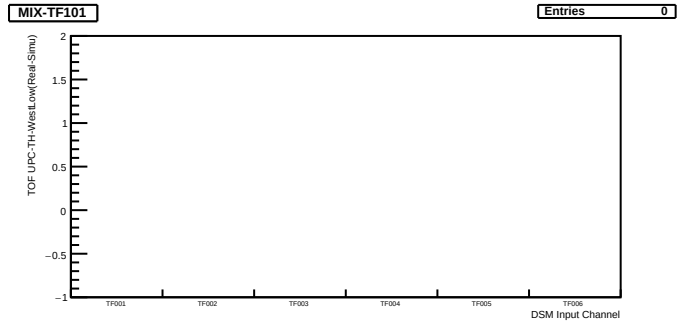

MIX-TF005
Entries 1.361075e+07
TOF MULT
TOF tray

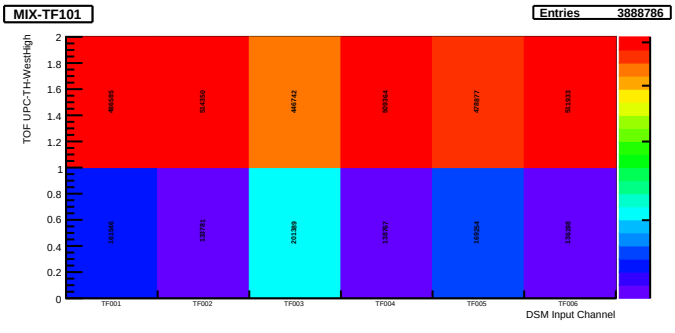

MIX-TF006
Entries 1.361075e+07
TOF MULT
TOF tray

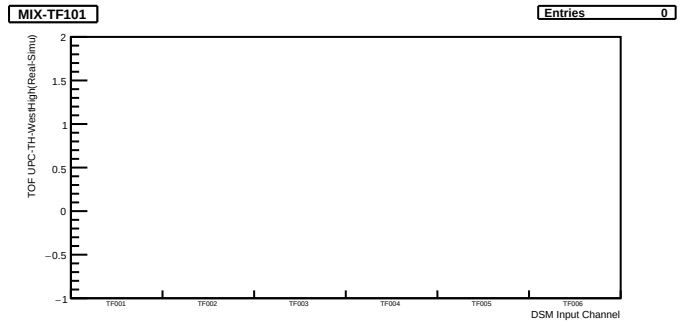

MIX-TF101
Entries 3888786
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

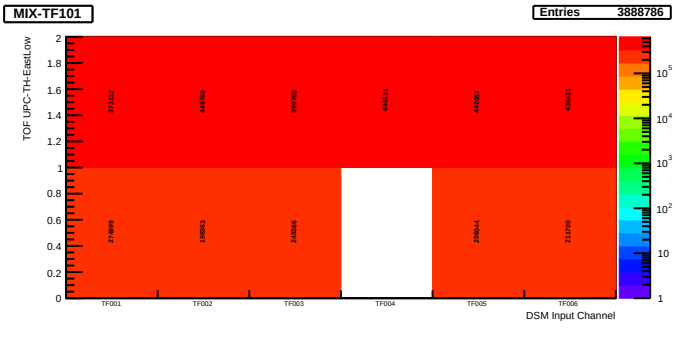

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

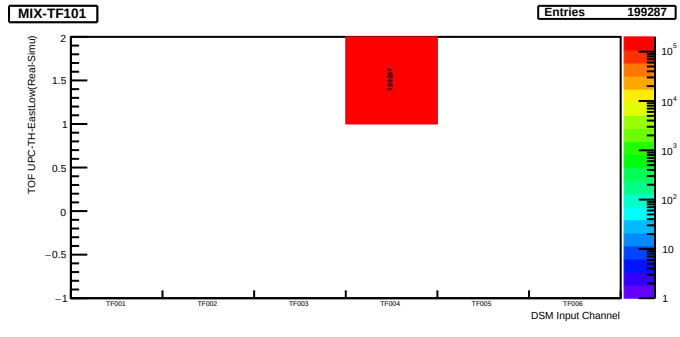

MIX-TF101
Entries 3888786
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

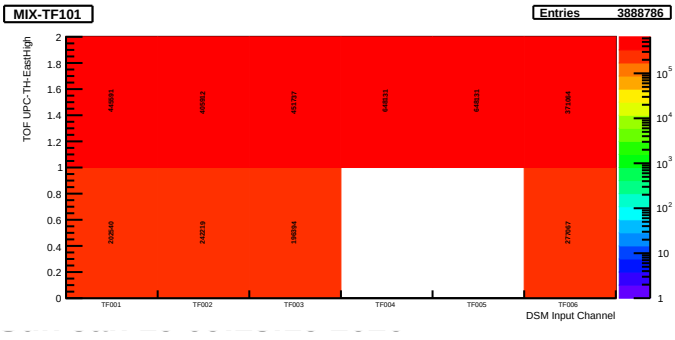

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

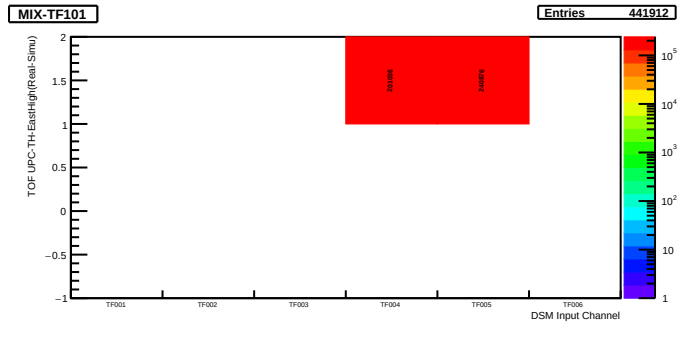

MIX-TF101
Entries 3888786
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

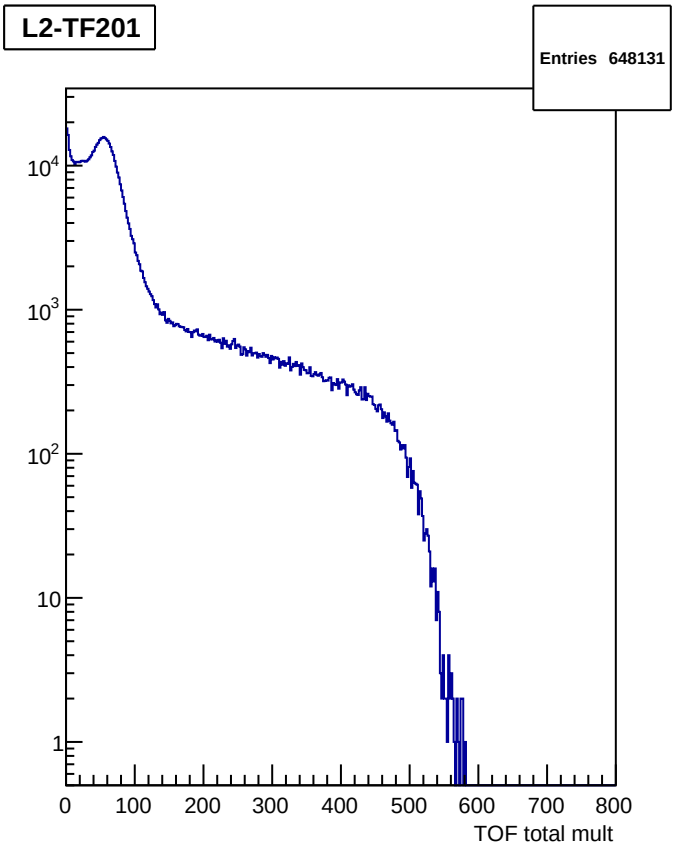

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

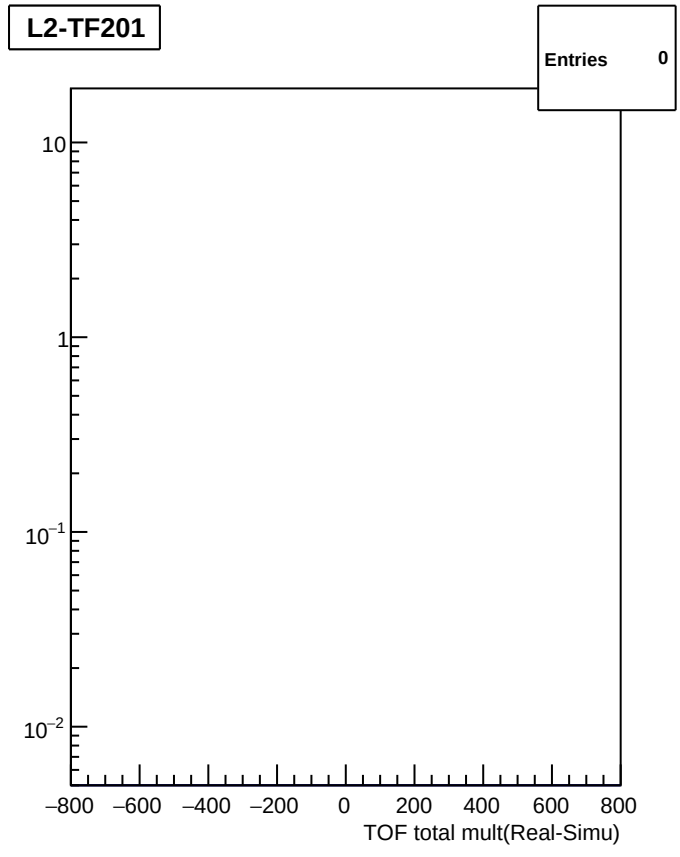

MIX-TF101
Entries 3888786
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

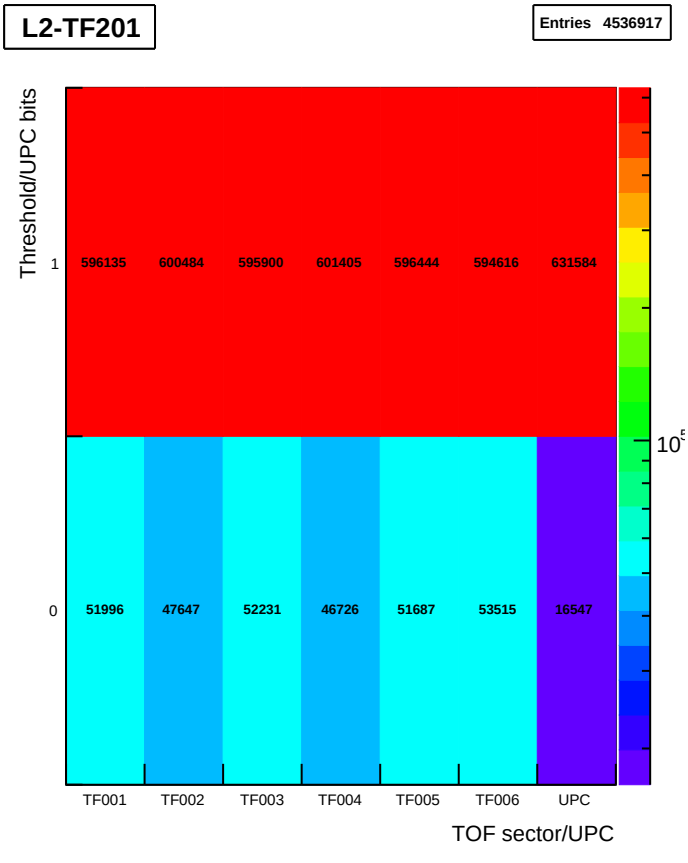

MIX-TF101
Entries 199287
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

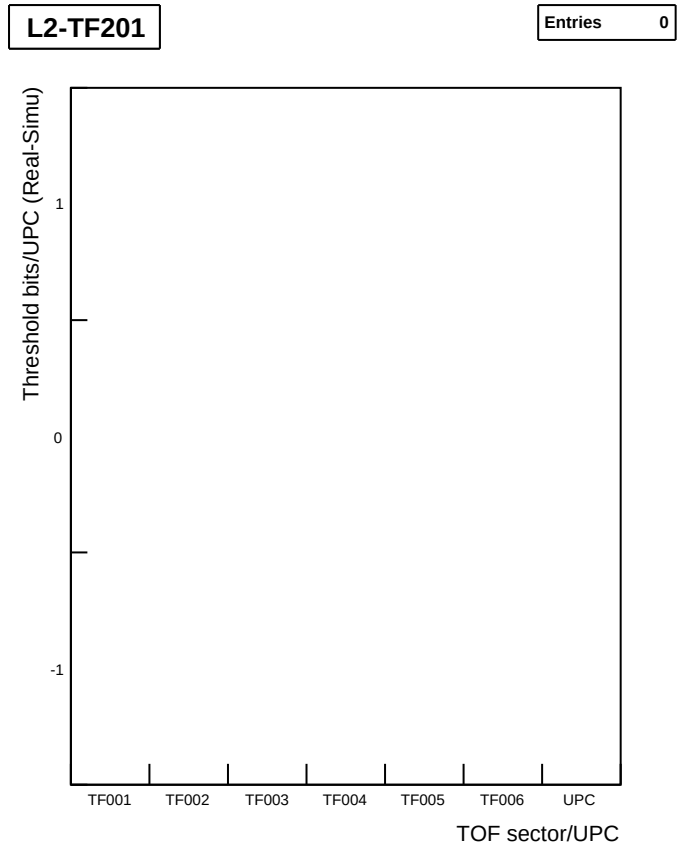

MIX-TF101
Entries 3888786
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

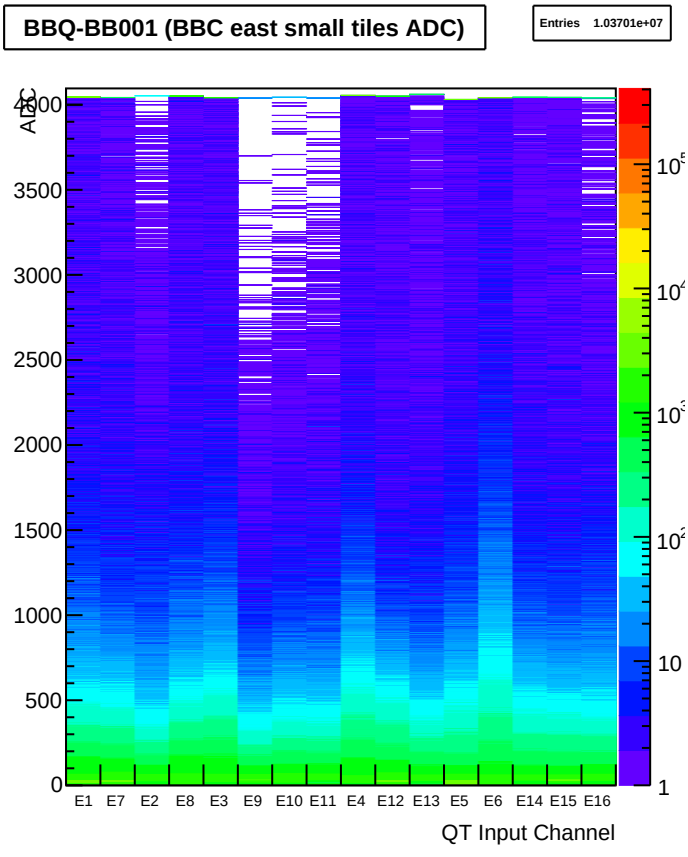

MIX-TF101
Entries 441912
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

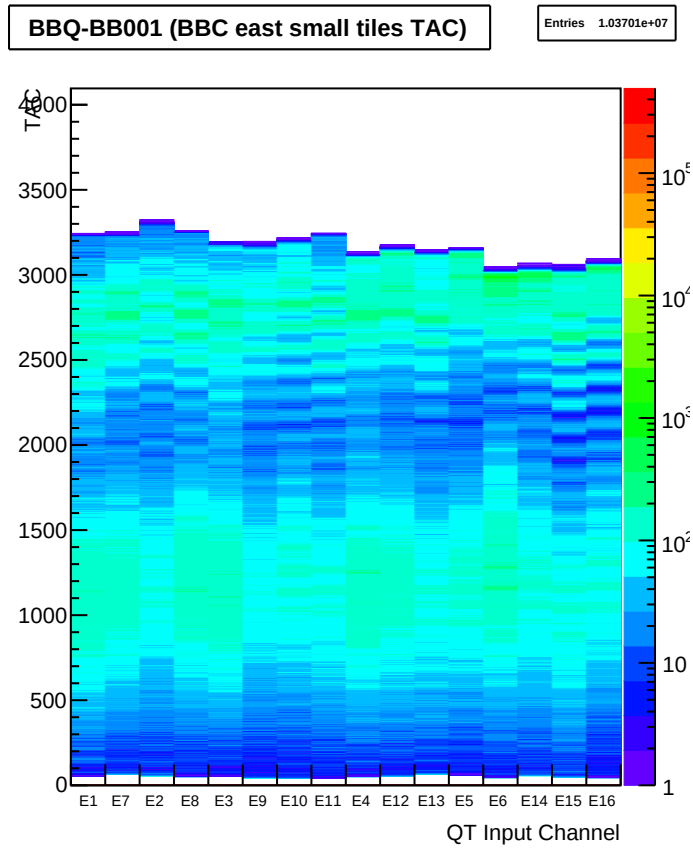

L2-TF201
Entries 648131
TOF total mult

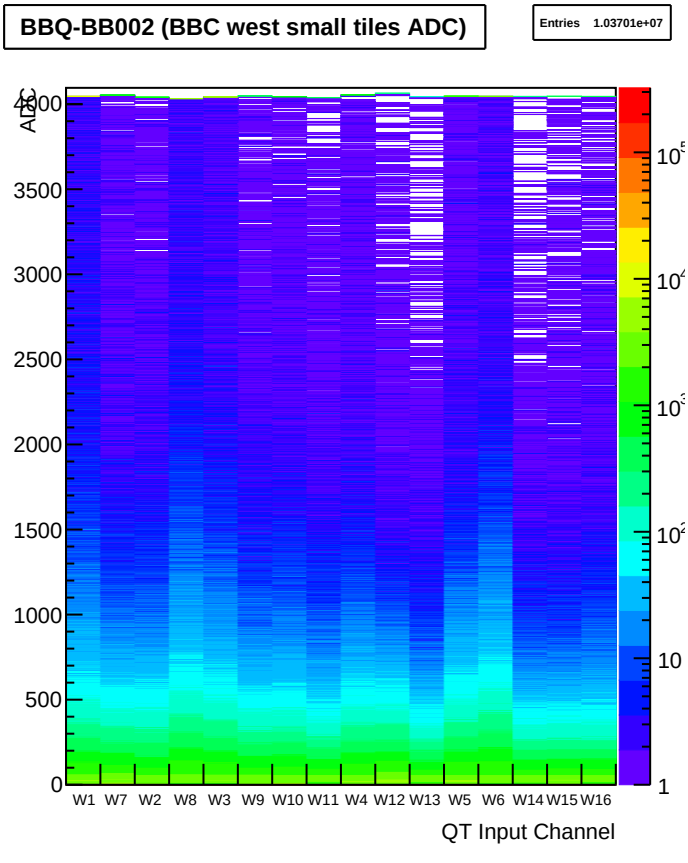

L2-TF201
Entries 0
TOF total mult(Real-Simu)

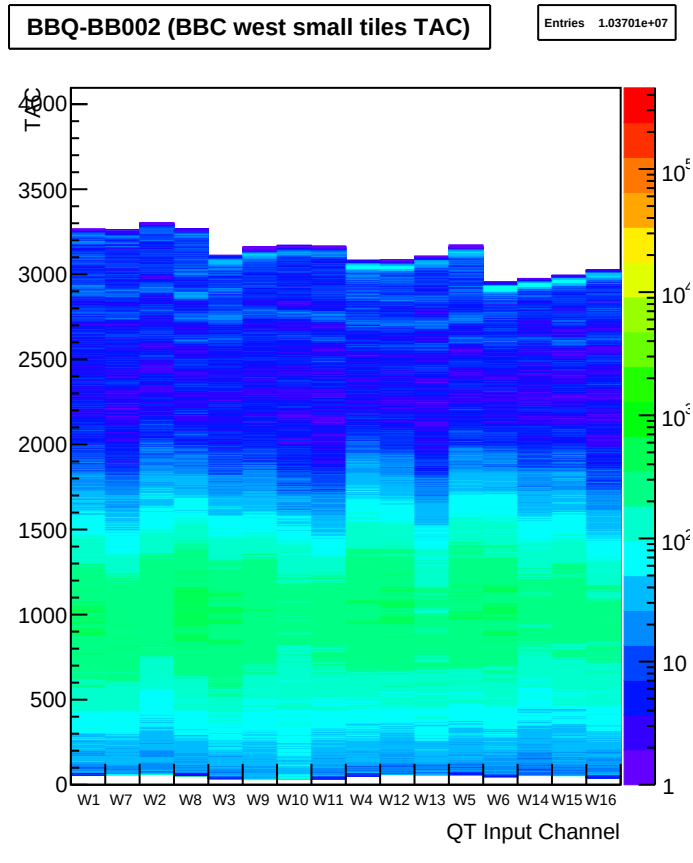

L2-TF201
Entries 4536917
Threshold/UPC bits
596135
600484
595900
601405
596444
594616
631584
51996
47647
52231
46726
51687
53515
16547
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

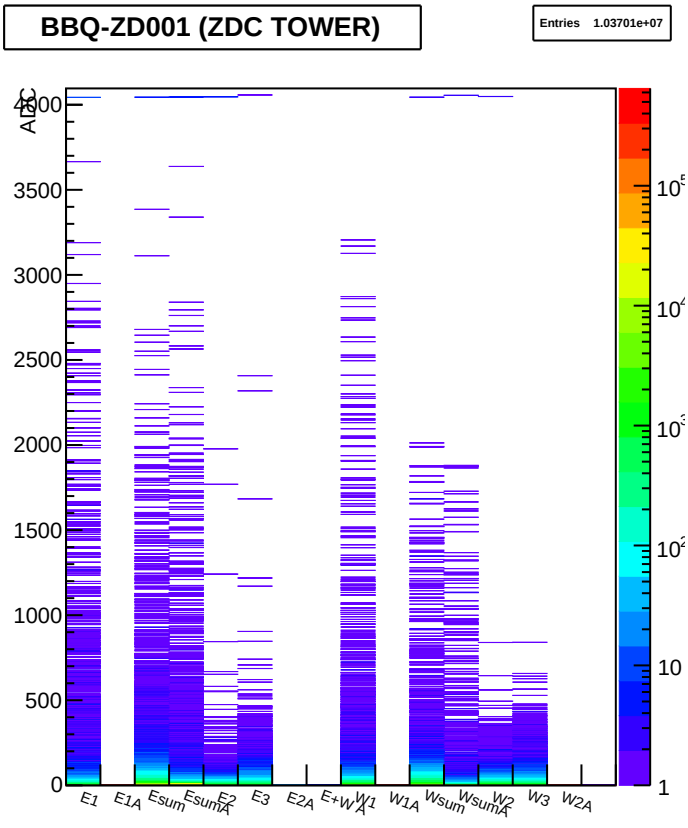

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

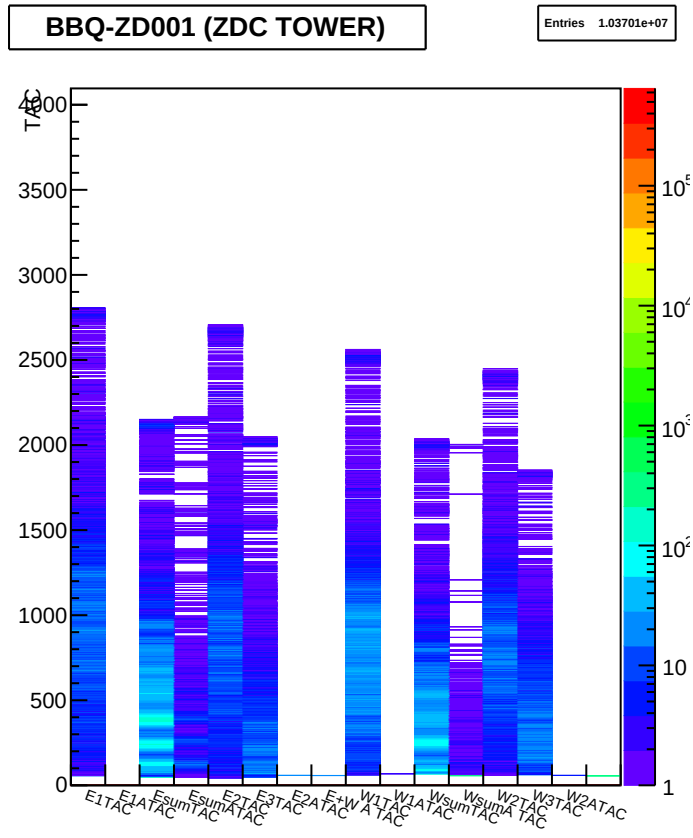

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.03701e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

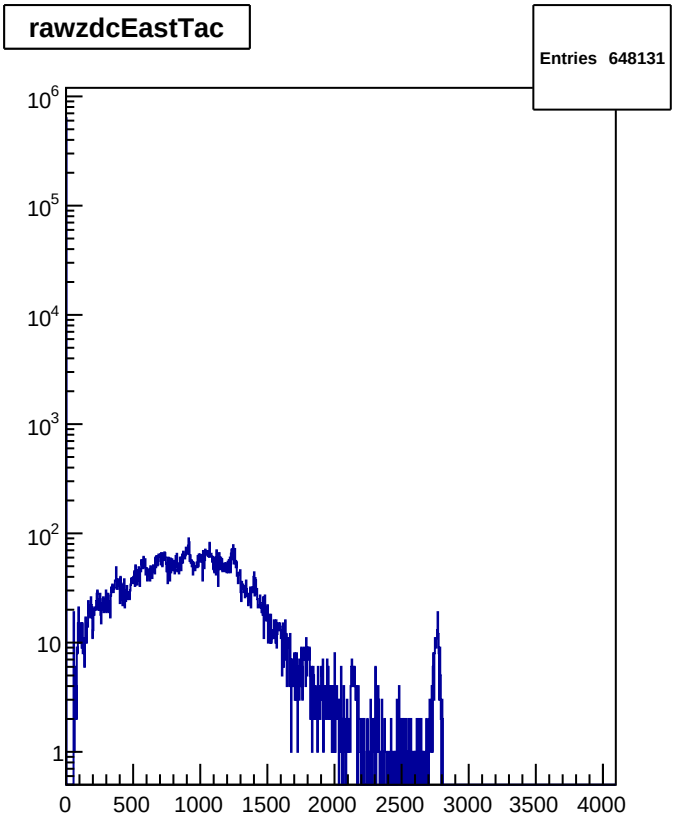

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.03701e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

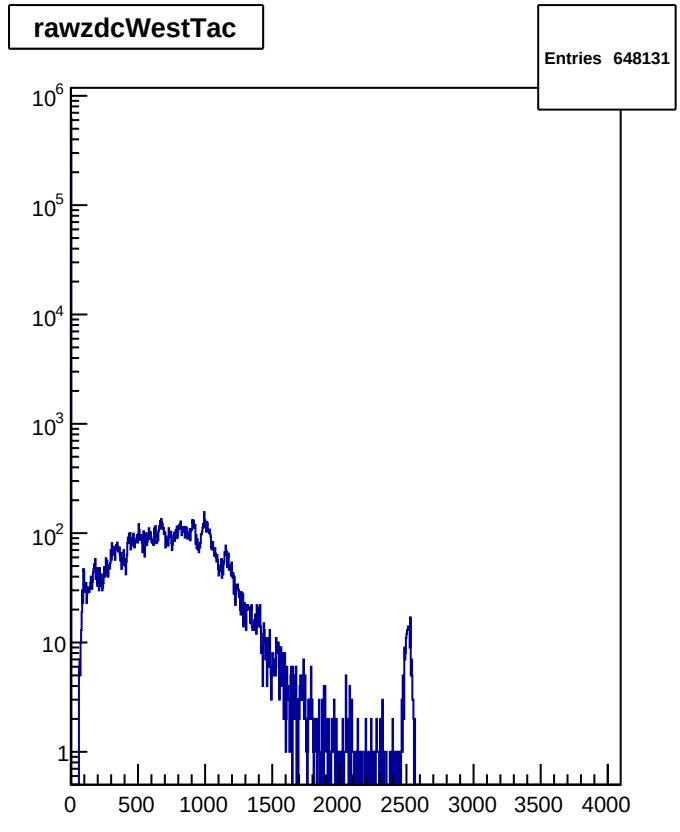

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.03701e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

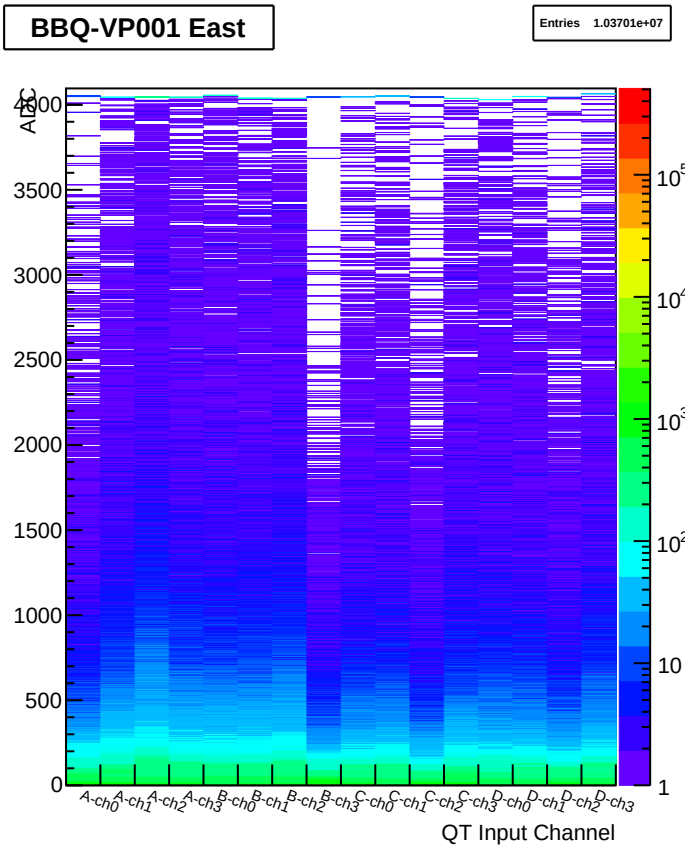

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.03701e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

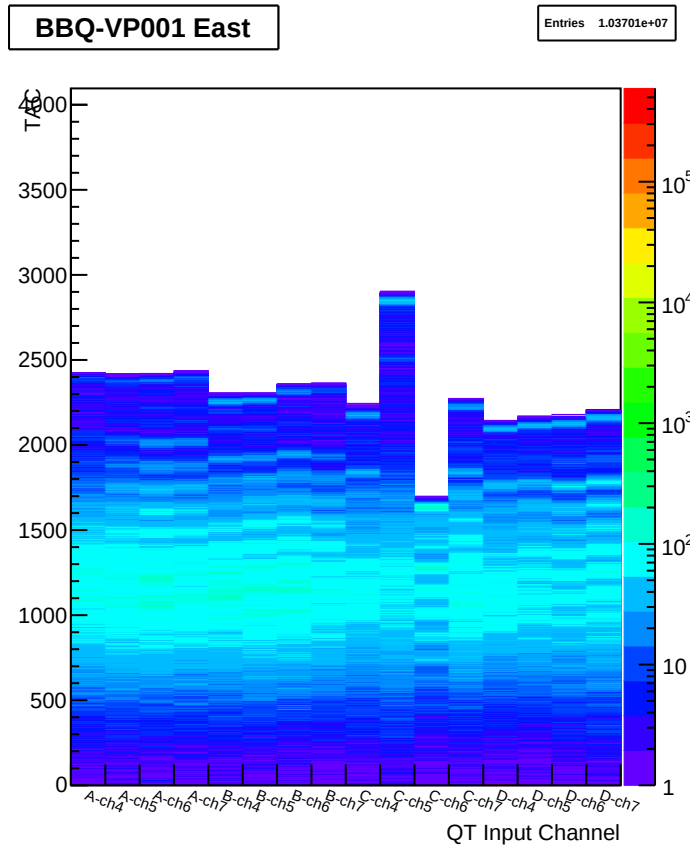

BBQ-ZD001 (ZDC TOWER)
Entries 1.03701e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1
Wsum
WsumA
W2
W3
W2A

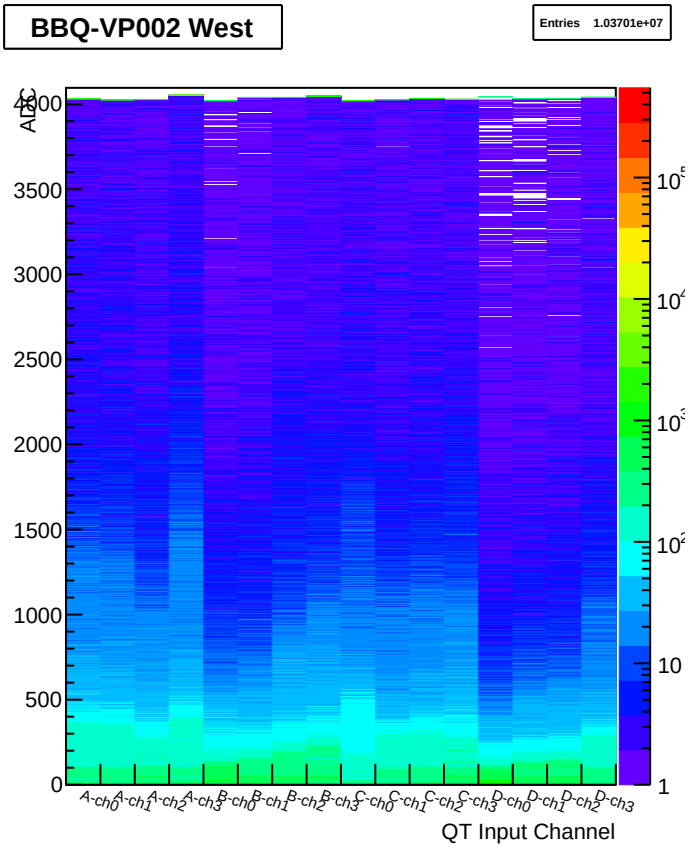

BBQ-ZD001 (ZDC TOWER)
Entries 1.03701e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

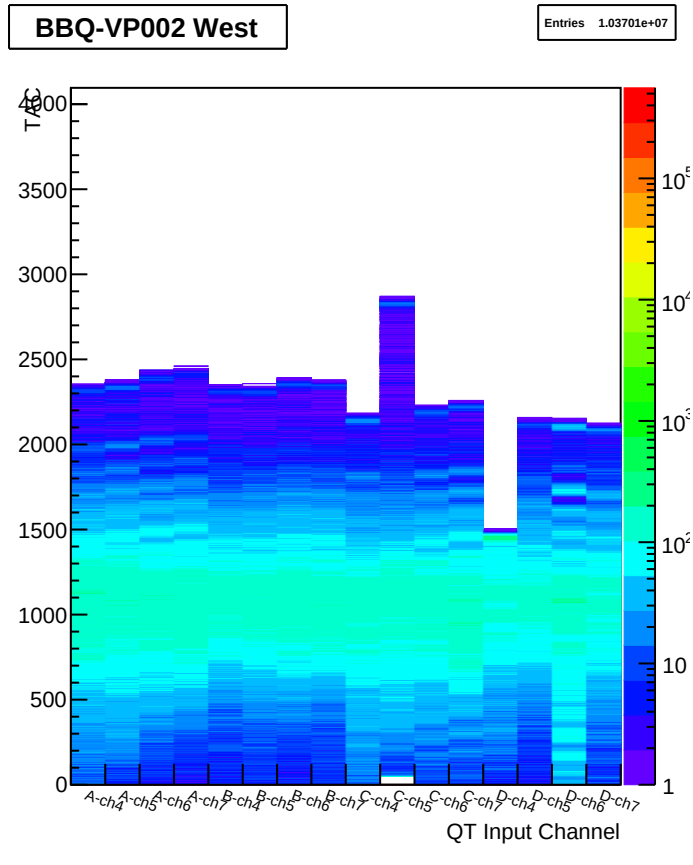

rawzdcEastTac
Entries 648131

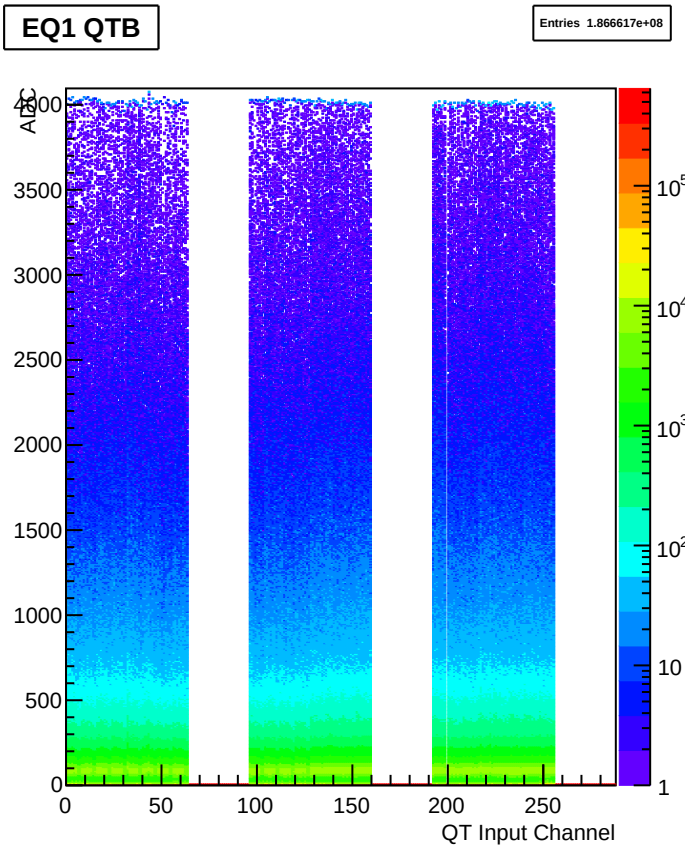

rawzdcWestTac
Entries 648131

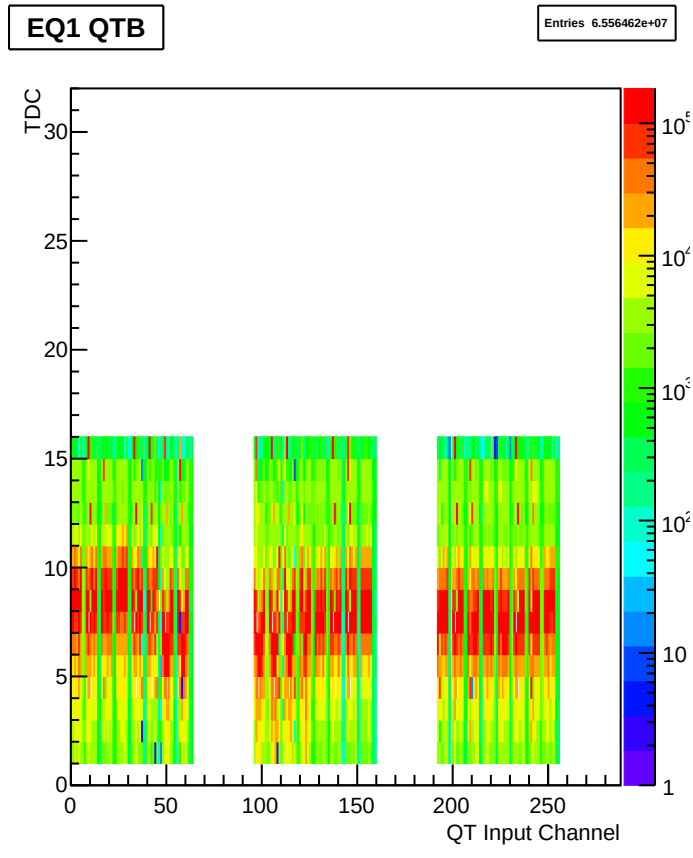

BBQ-VP001 East
Entries 1.03701e+07
ADC
QT Input Channel

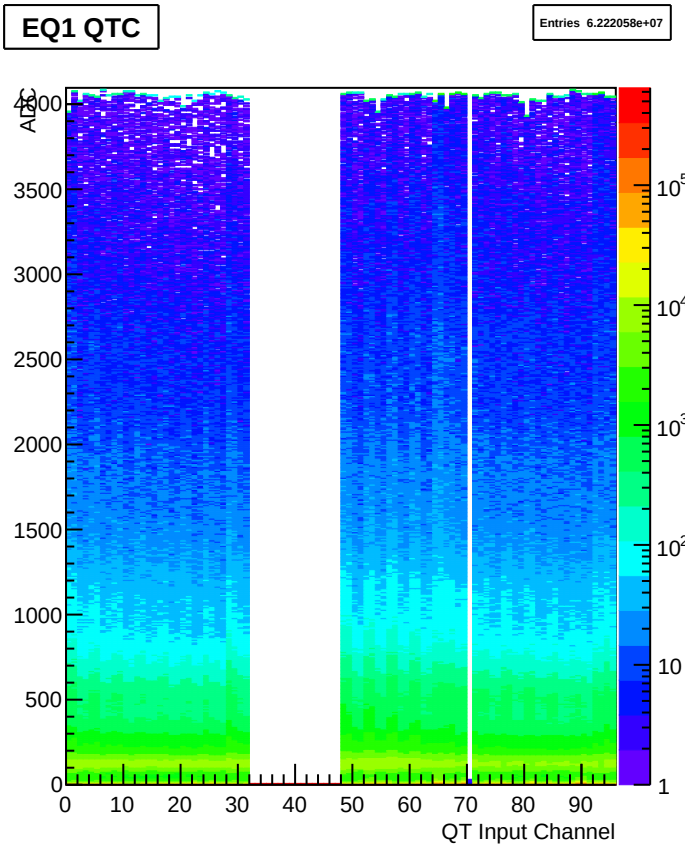

BBQ-VP001 East
Entries 1.03701e+07
TADC
QT Input Channel

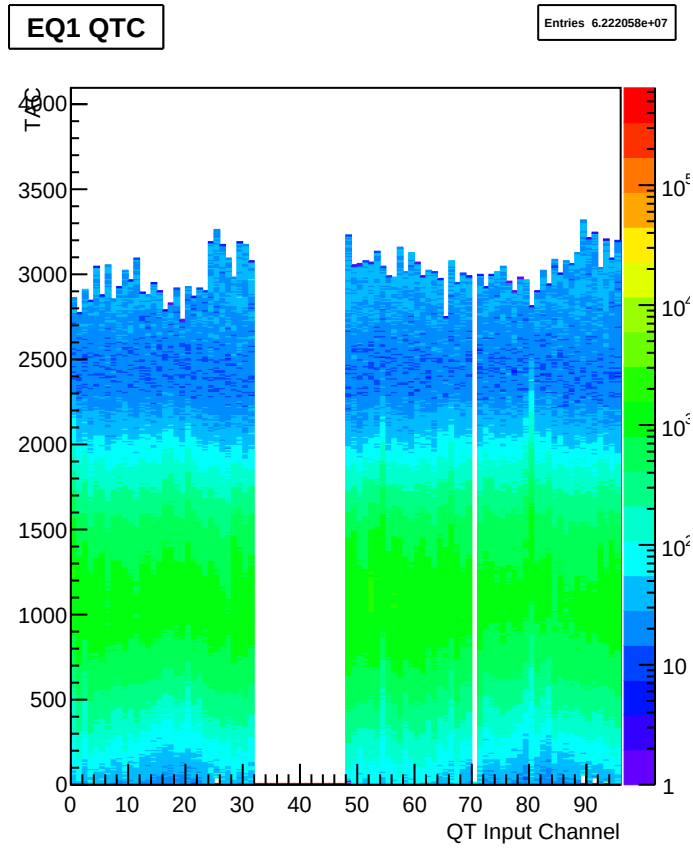

BBQ-VP002 West
Entries 1.03701e+07
ADC
QT Input Channel

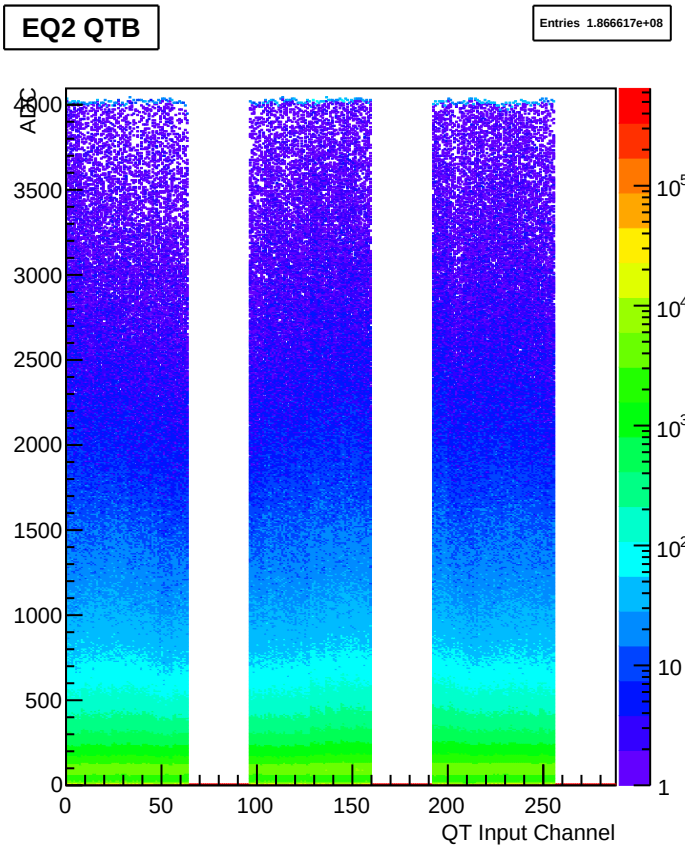

BBQ-VP002 West
Entries 1.03701e+07
TADC
QT Input Channel

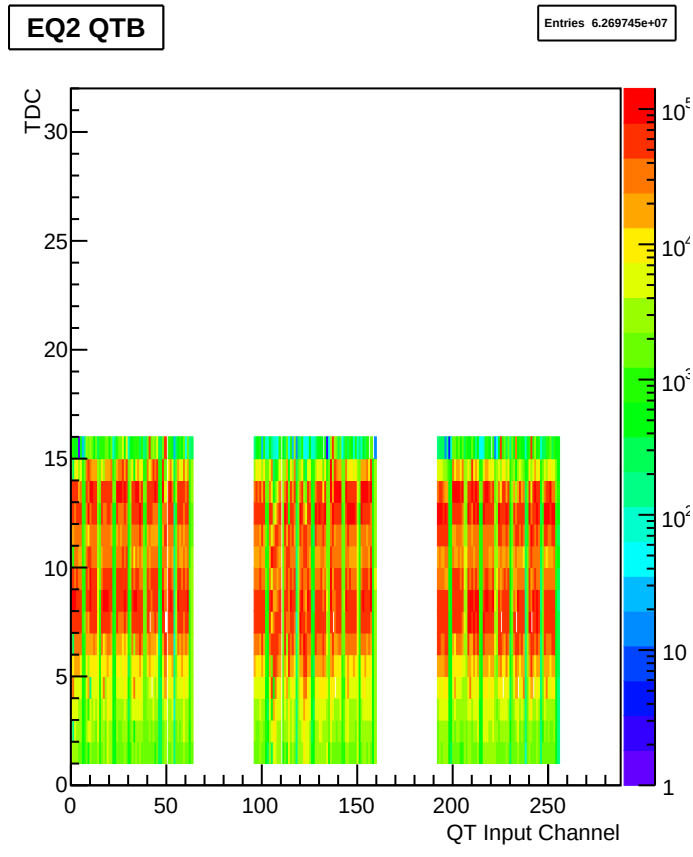

EQ1 QTB
Entries 1.866617e+08
ADC
QT Input Channel

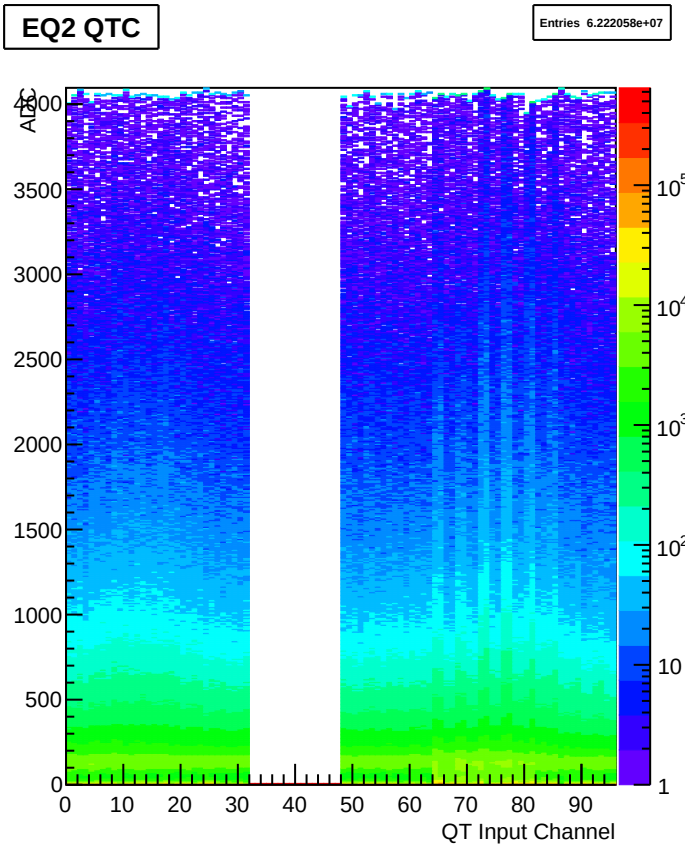

EQ1 QTB
Entries 6.556462e+07
TDC
QT Input Channel

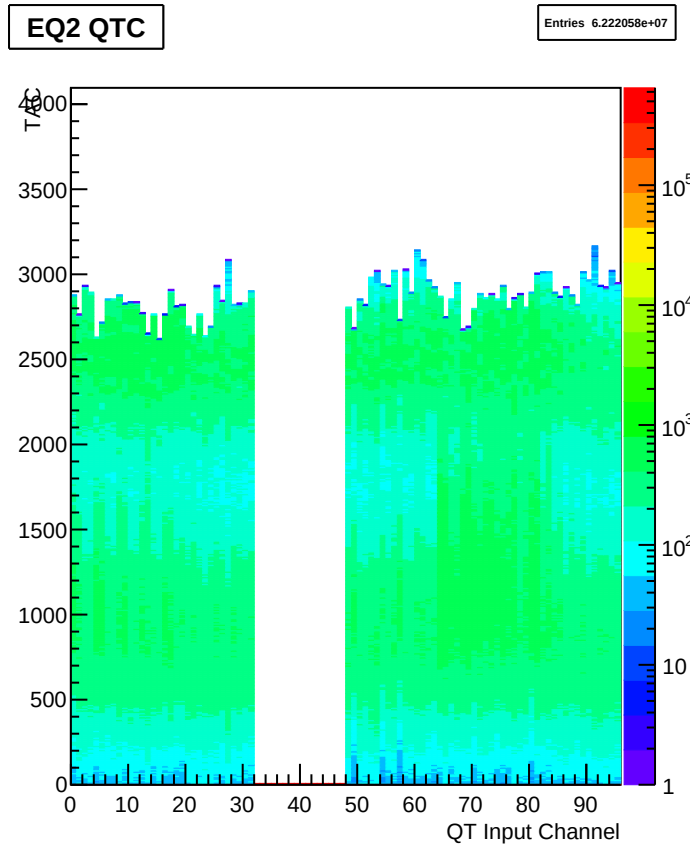

EQ1 QTC
Entries 6.222058e+07
ADC
QT Input Channel

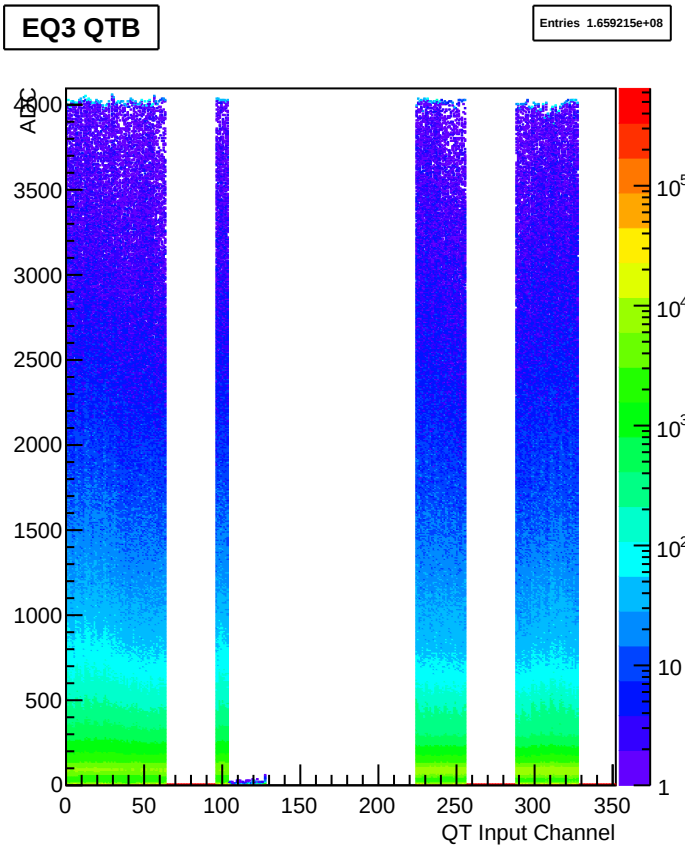

EQ1 QTC
Entries 6.222058e+07
TADC
QT Input Channel

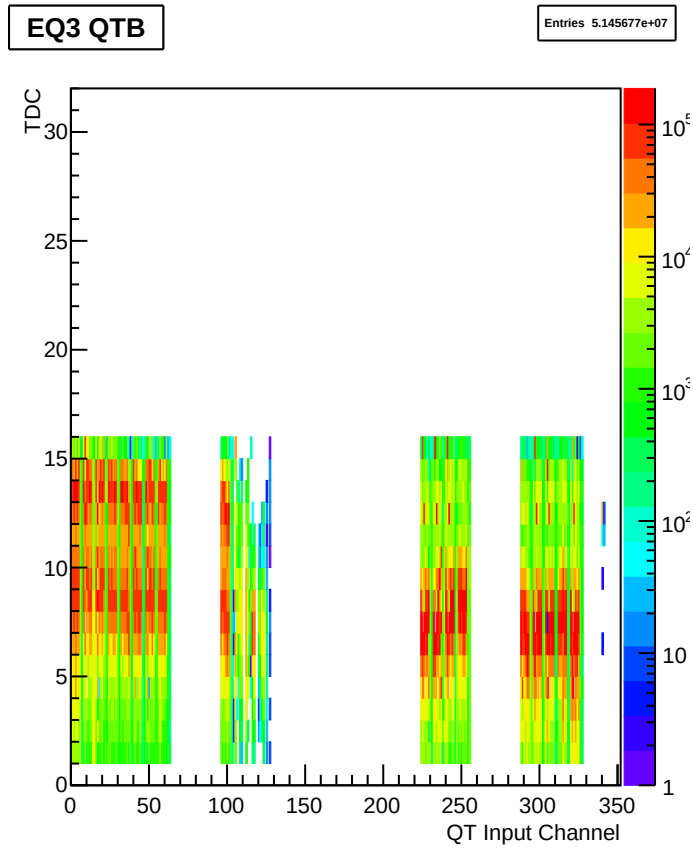

EQ2 QTB
Entries 1.866617e+08
ADC
QT Input Channel

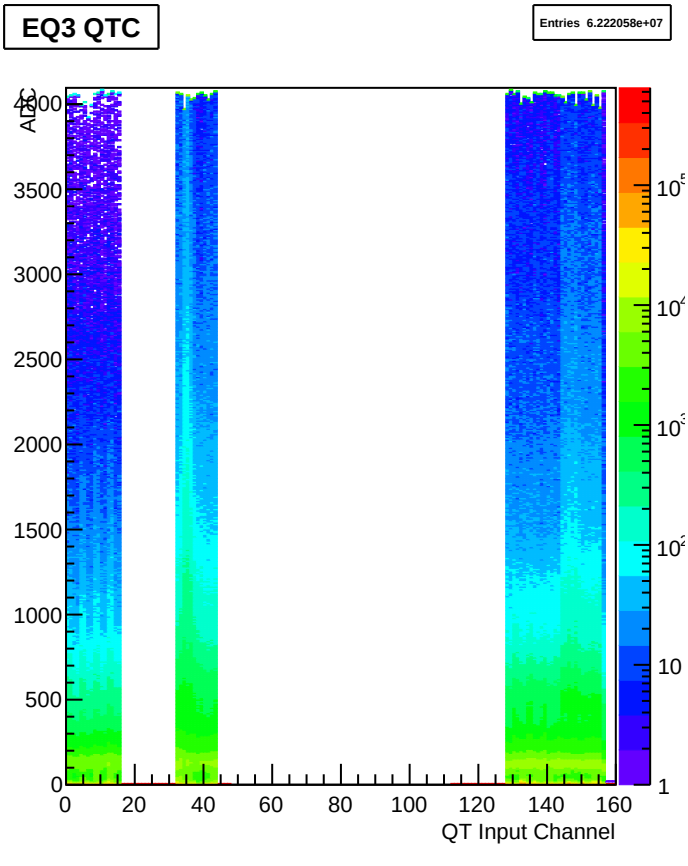

EQ2 QTB
Entries 6.269745e+07
TDC
QT Input Channel

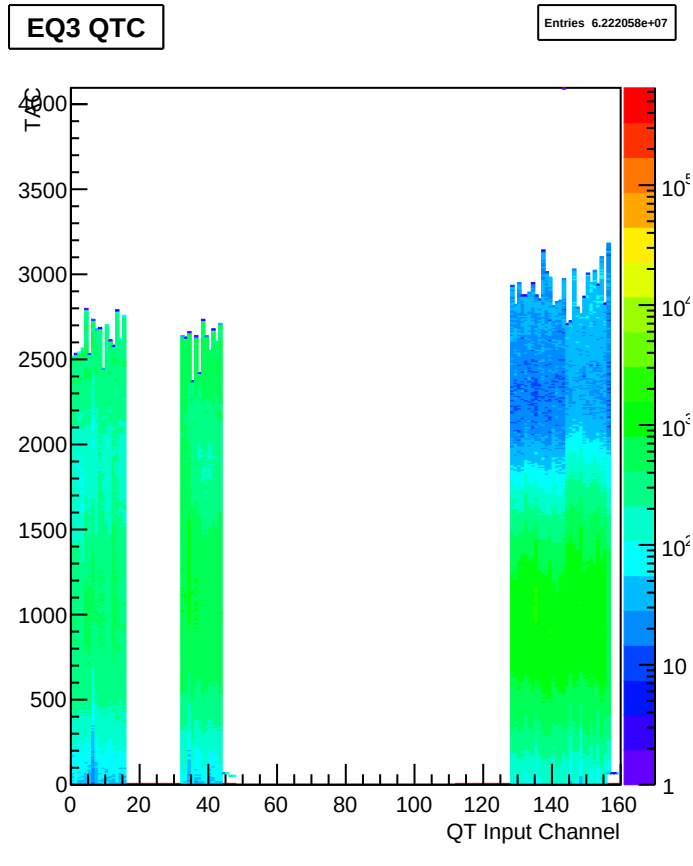

EQ2 QTC
Entries 6.222058e+07
ADC
QT Input Channel

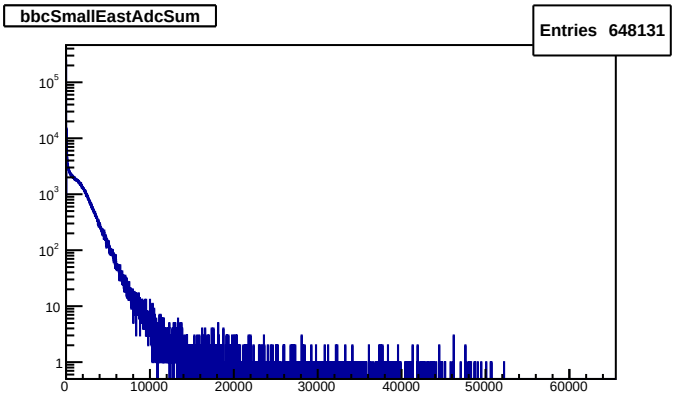

EQ2 QTC
Entries 6.222058e+07
TADC
QT Input Channel

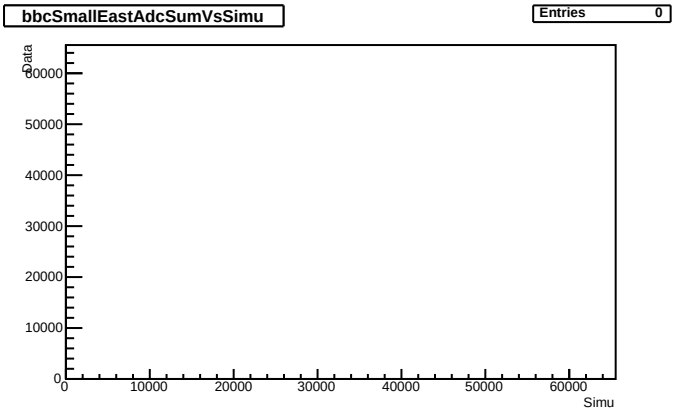

EQ3 QTB
Entries 1.659215e+08
ADC
QT Input Channel

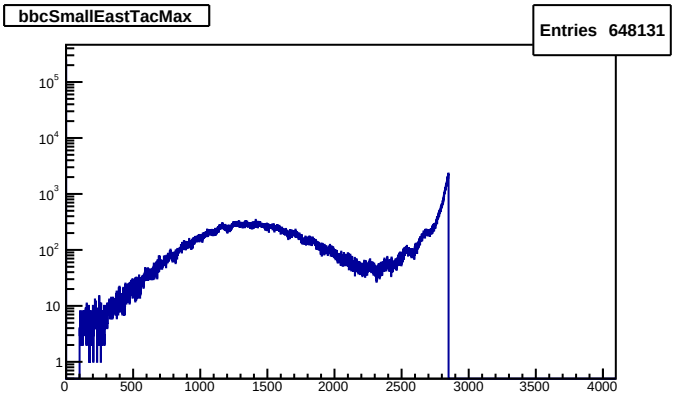

EQ3 QTB
Entries 5.145677e+07
TDC
QT Input Channel

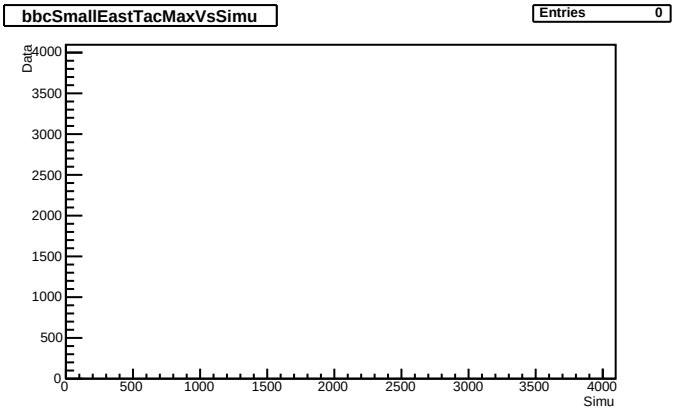

EQ3 QTC
Entries 6.222058e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.222058e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 648131


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 648131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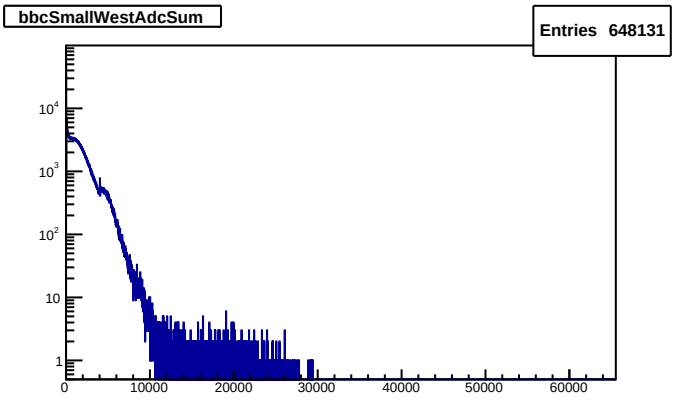
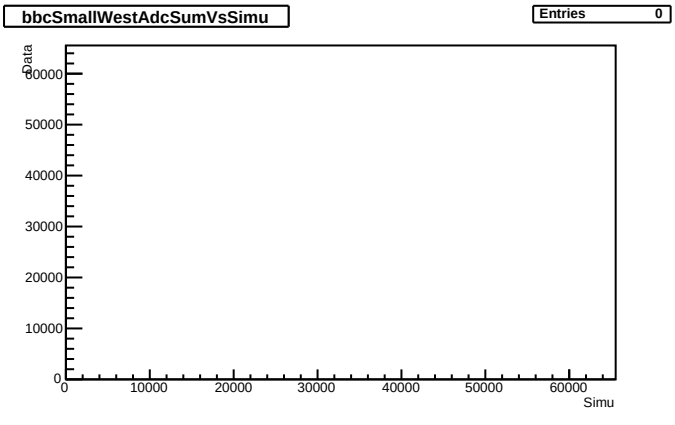

bbcSmallWestAdcSum
Entries 648131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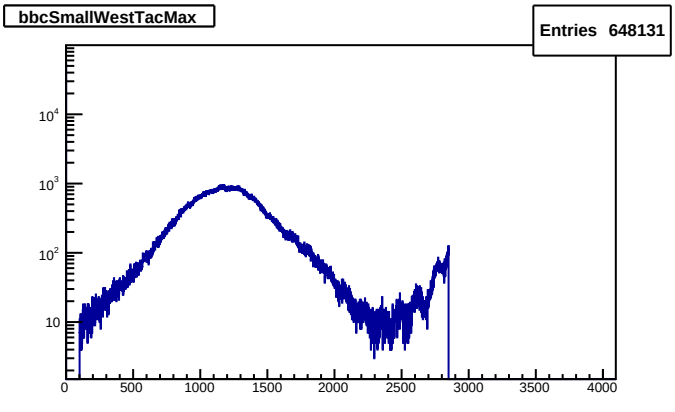
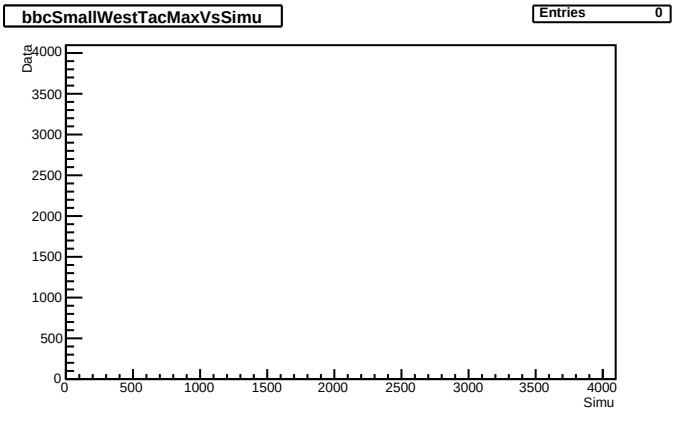
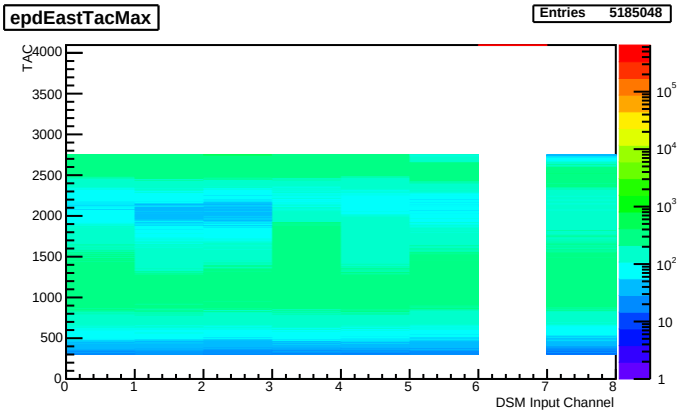
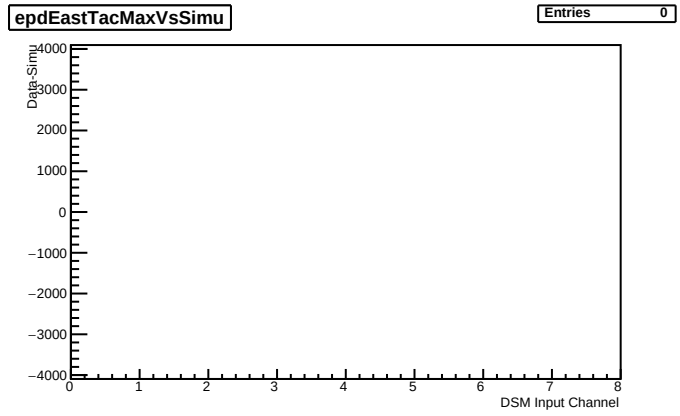
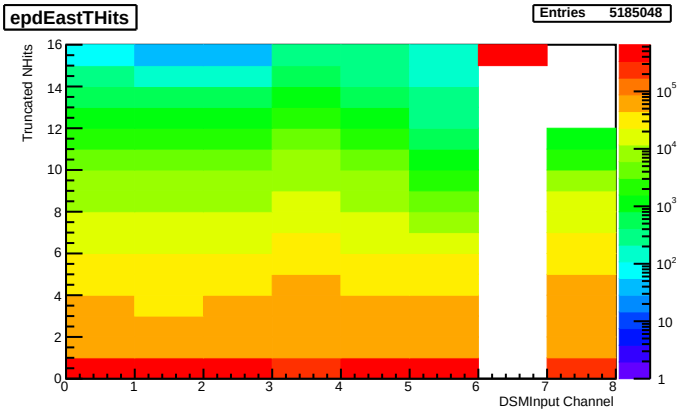
Simu

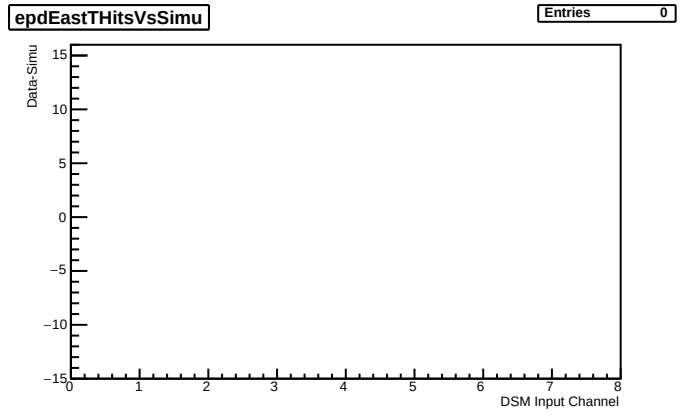

bbcSmallWestTacMax
Entries 648131


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5185048
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5185048
Truncated NHits
DSMInput Channel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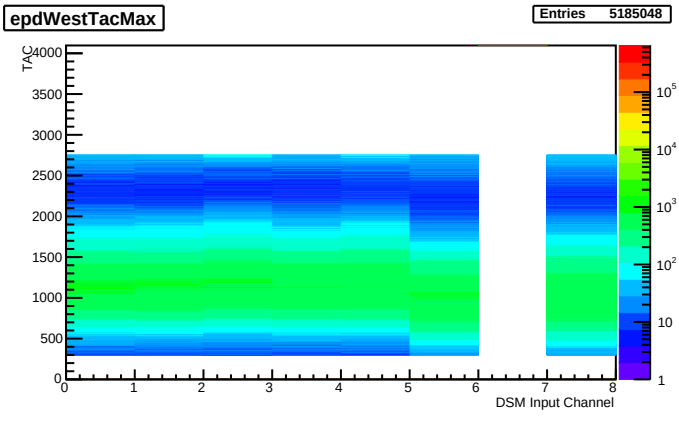
Data-Simu
DSM Input Channel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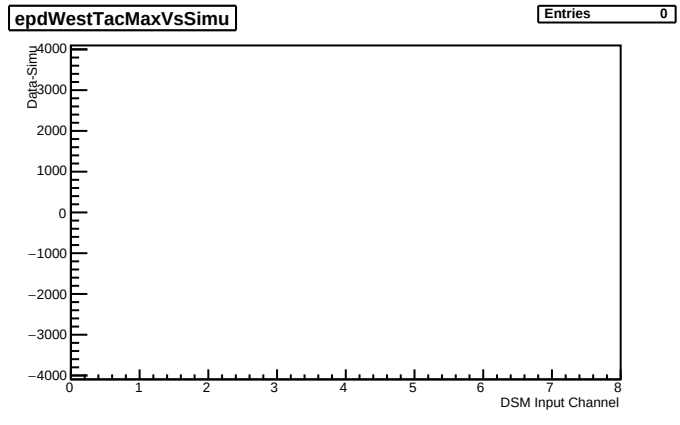
Entries 5185048
TAC
DSM Input Channel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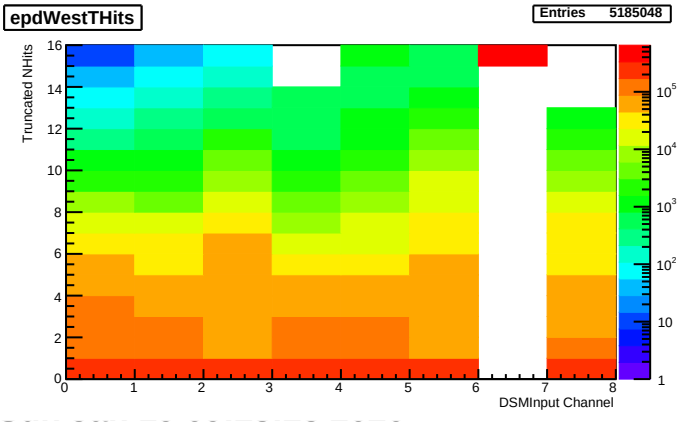
Entries 0
Data-Simu
DSM Input Channel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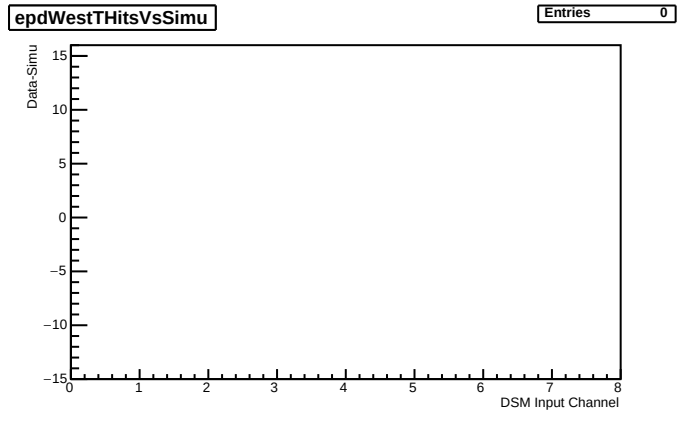
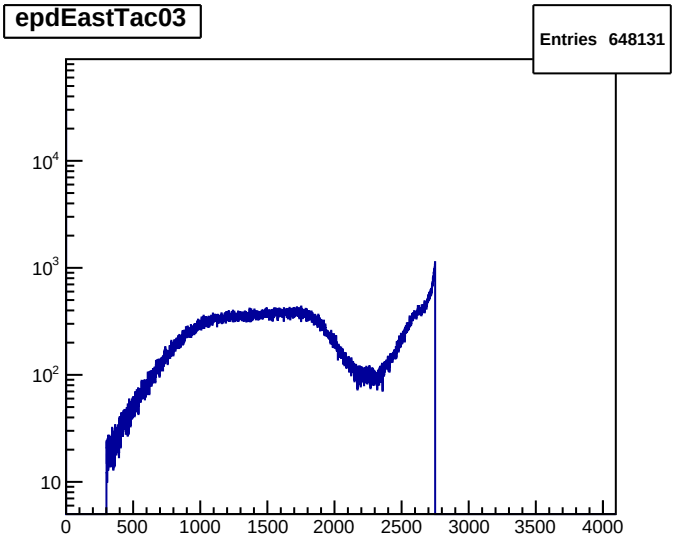
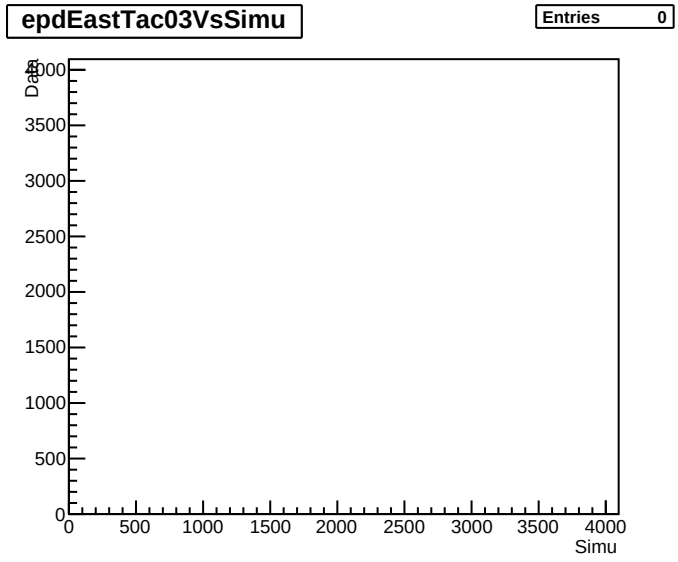
Entries 5185048
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 648131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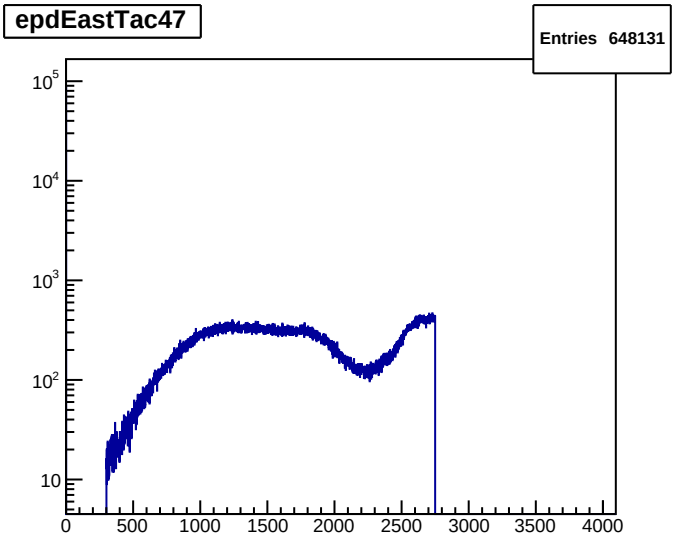
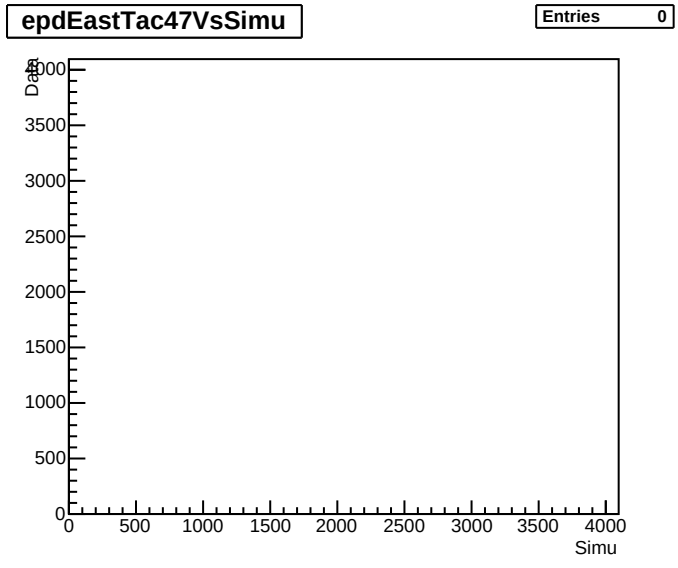
Entries 0
Data
Simu


epdEastTac47
Entries 648131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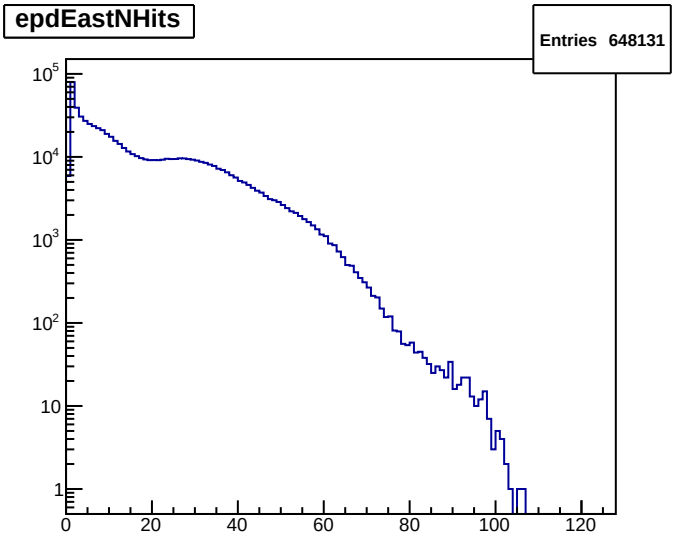
Entries 0
Data
Simu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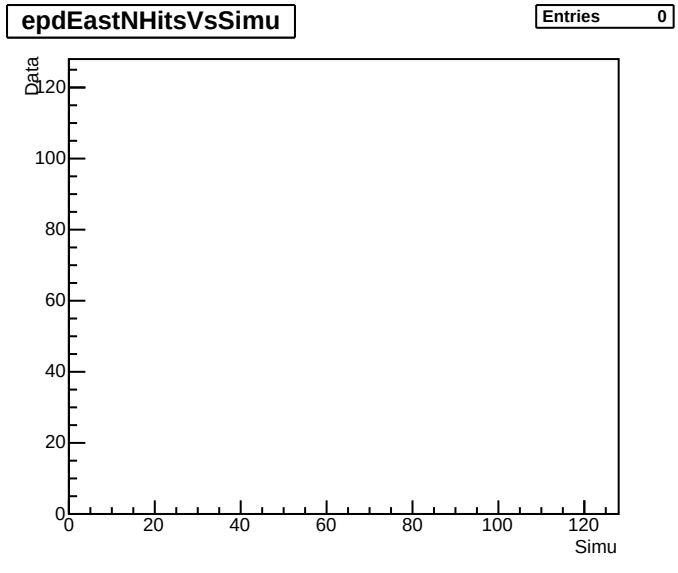
Entries 648131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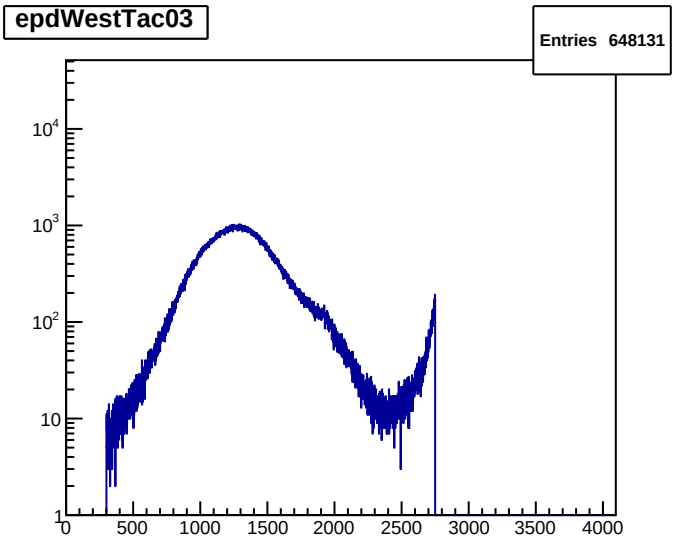
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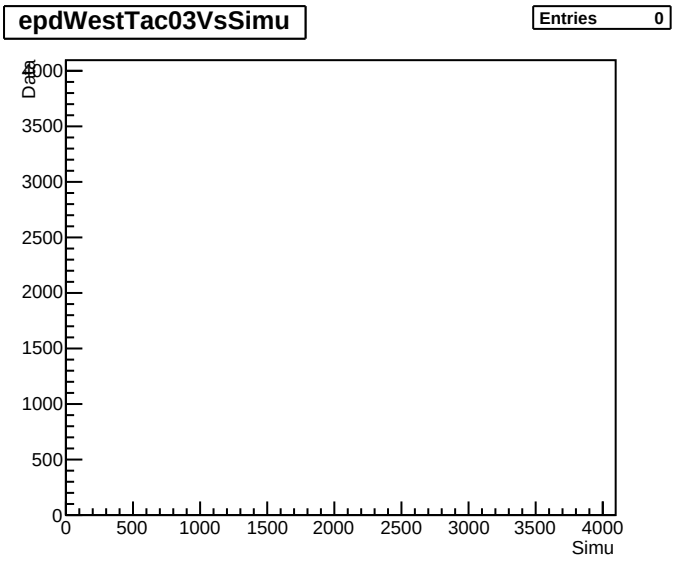
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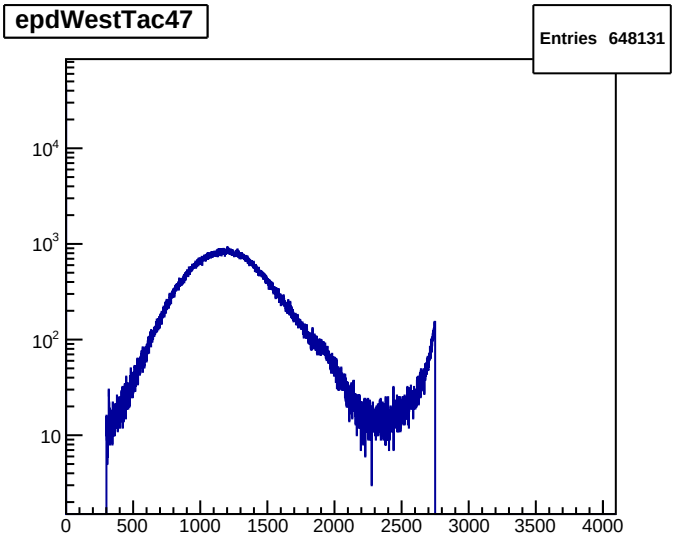
Data
Simu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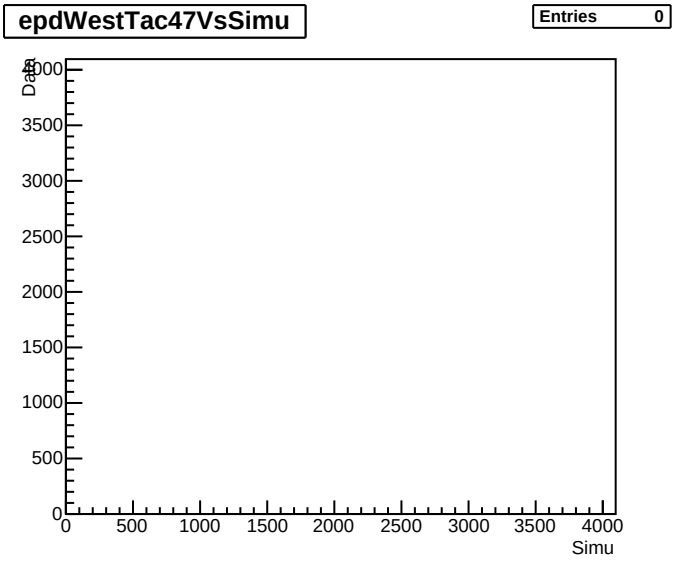
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Data
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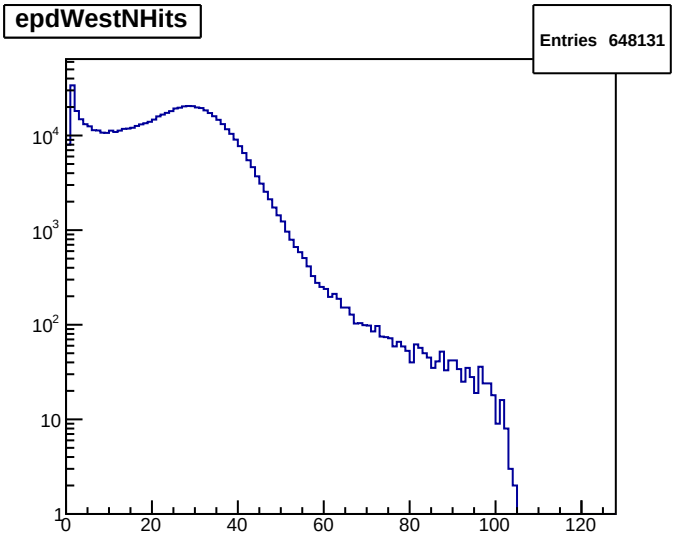
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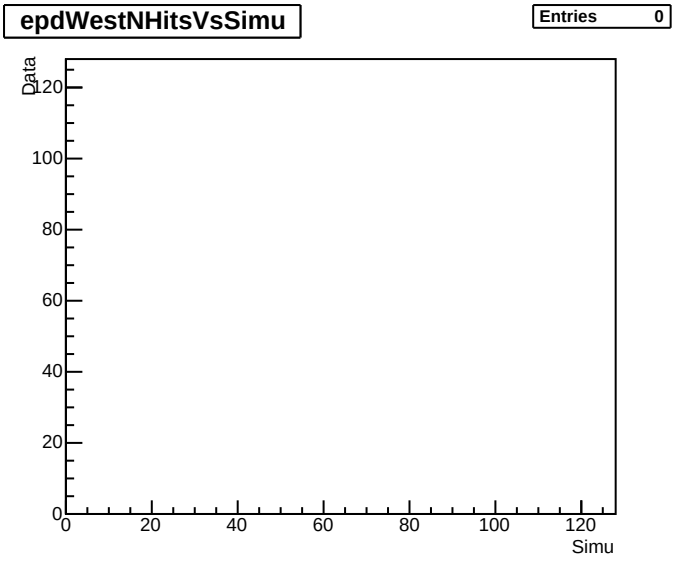
Entries 648131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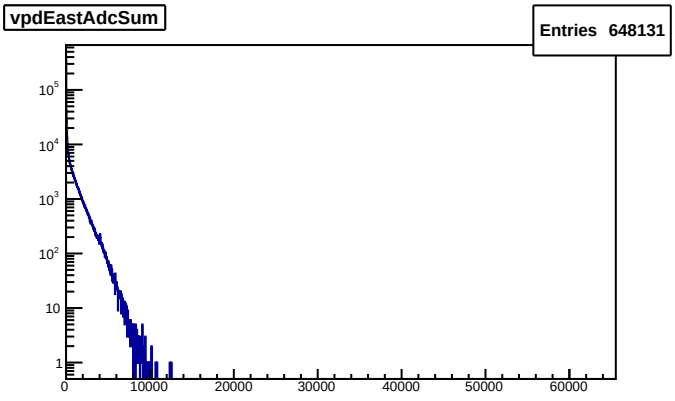
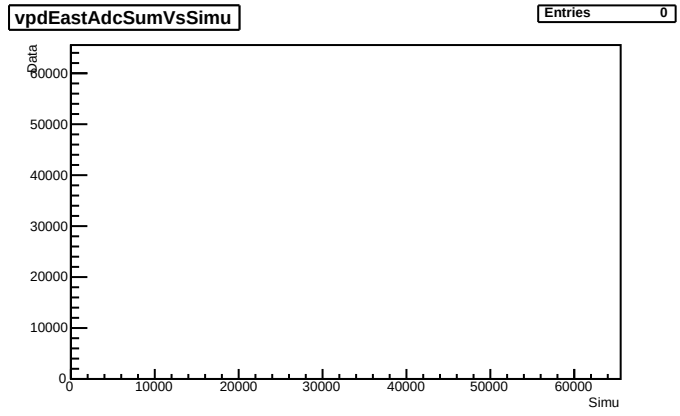
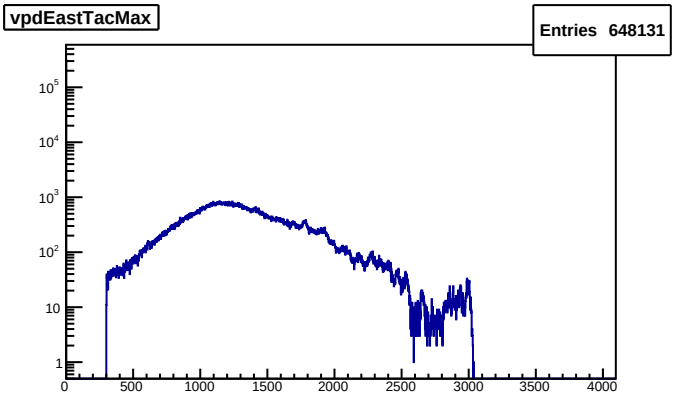
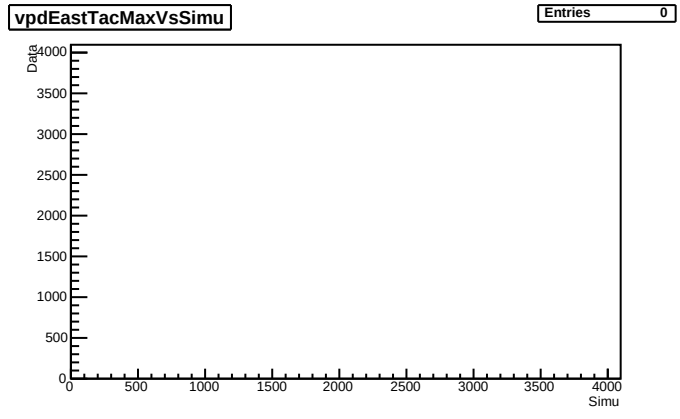
Entries 0
Data
Simu


vpdEastAdcSum
Entries 648131


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 648131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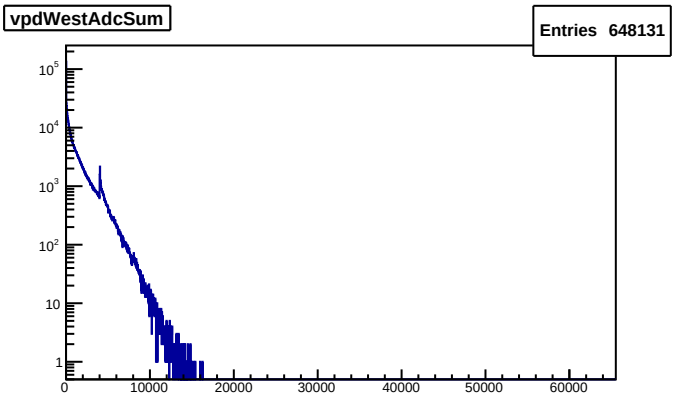
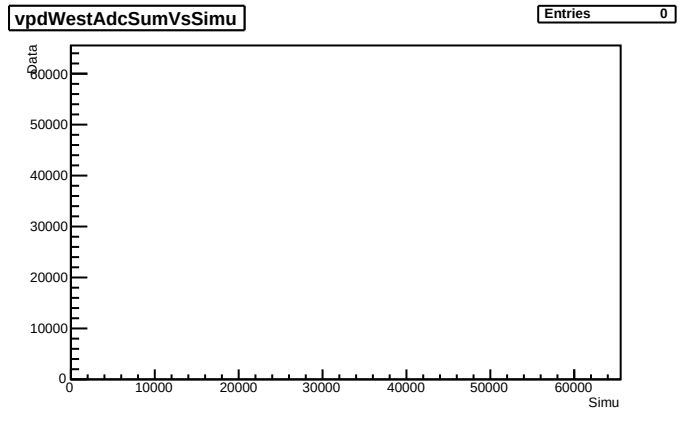
Entries 0
Data
Simu


vpdWestAdcSum
Entries 648131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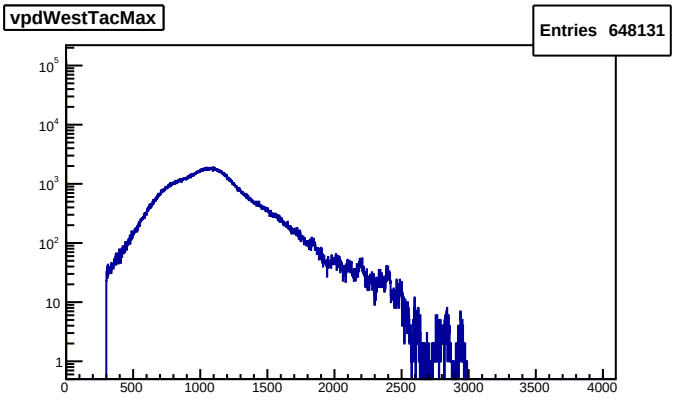
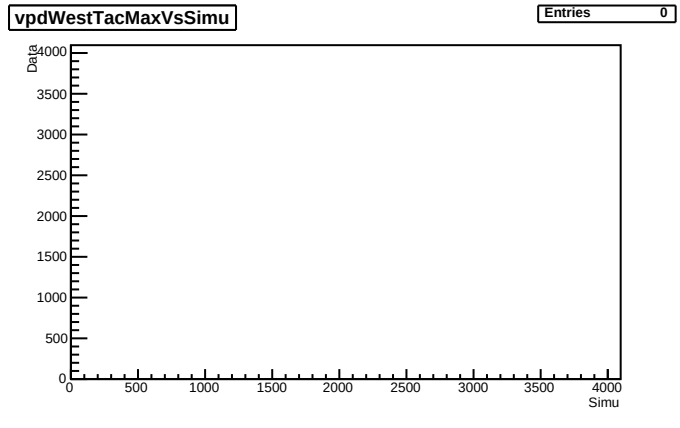
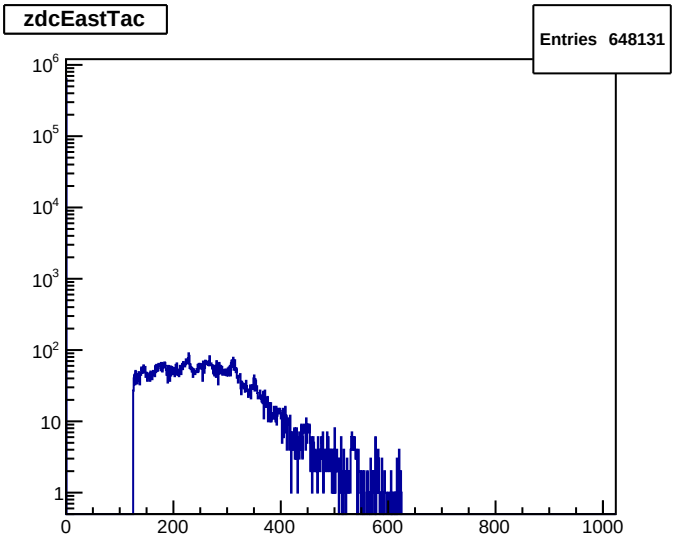
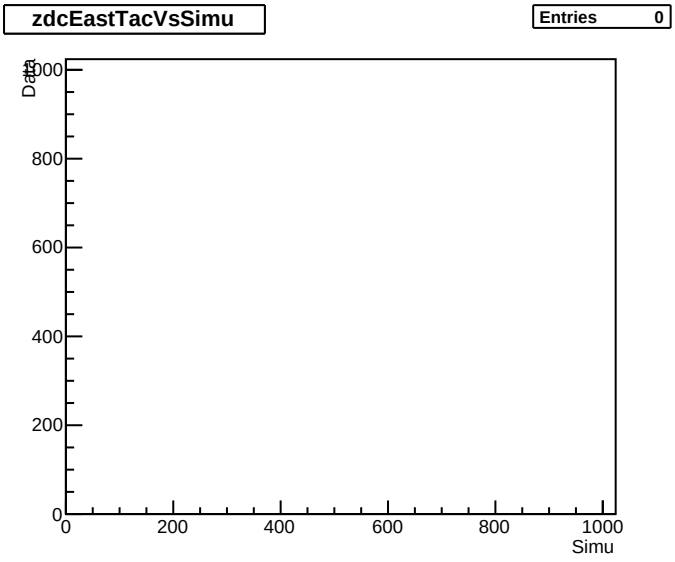
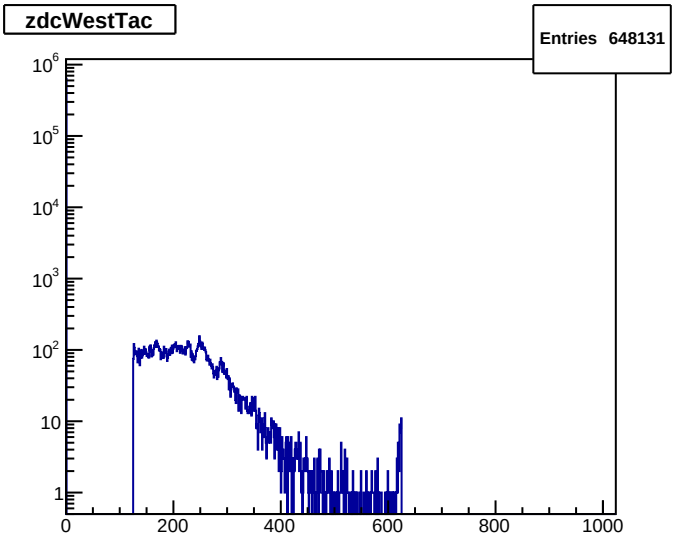
Entries 0
Data
Simu

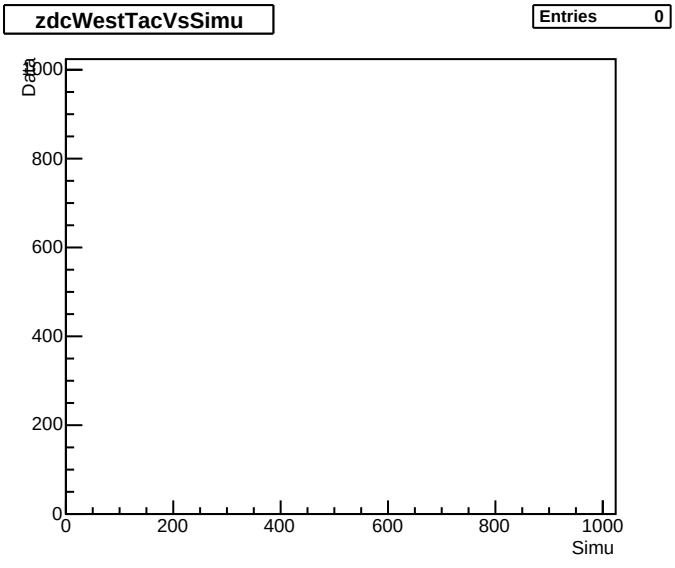

vpdWestTacMax
Entries 648131

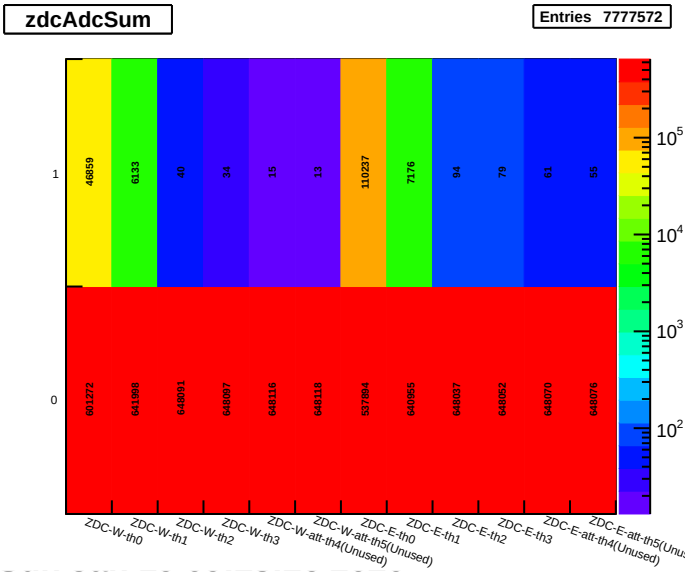

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 648131


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 648131


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7777572
46859
6133
40
34
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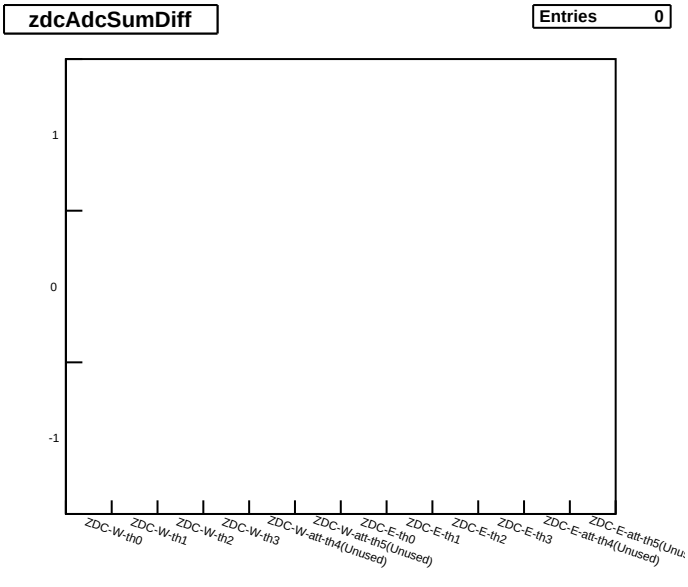
13
110237
7176
94
79
61
55
601272
641898
646091
648097
648116
648118
537894
640855
648037
648052
648070
648076
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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
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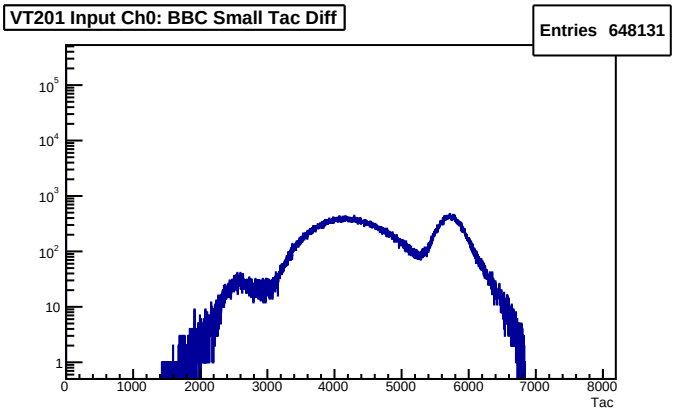
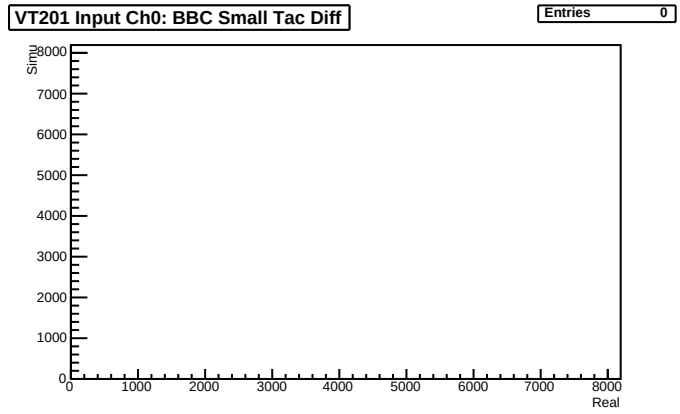
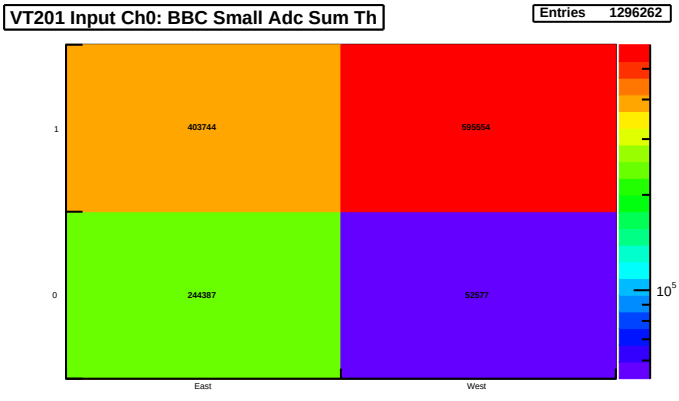
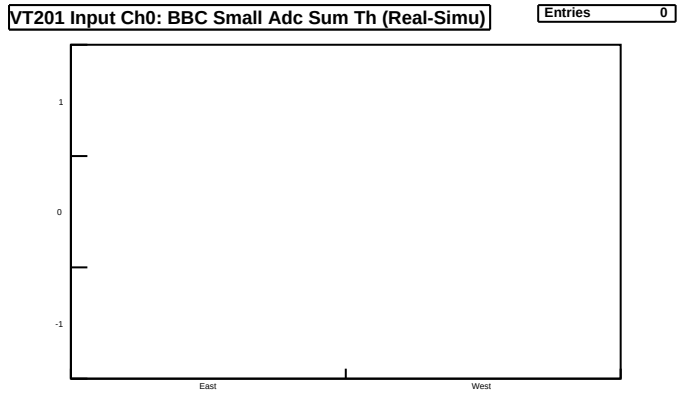
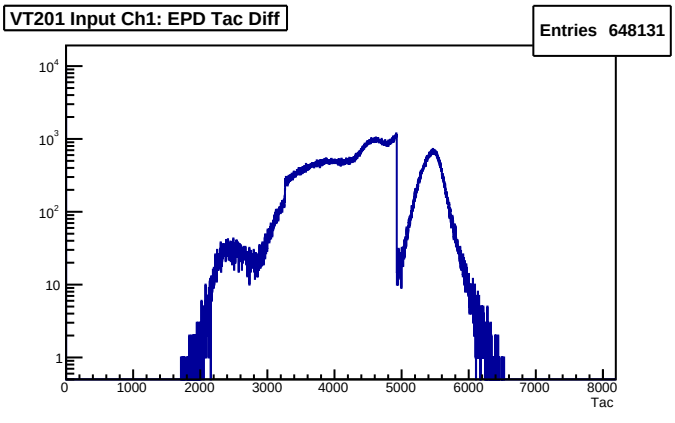
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

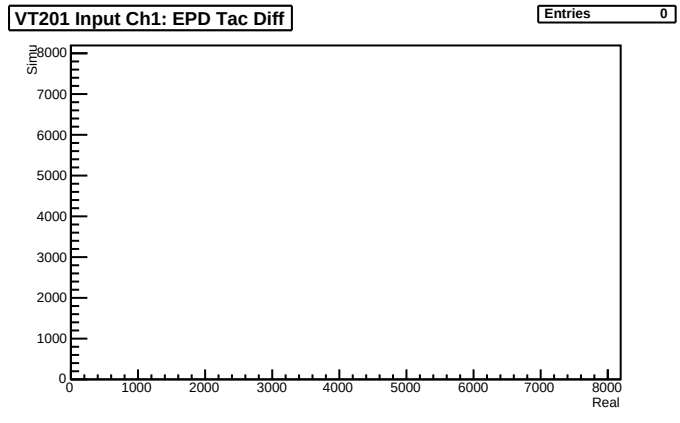

VT201 Input Ch0: BBC Small Tac Diff
Entries 648131
Tac

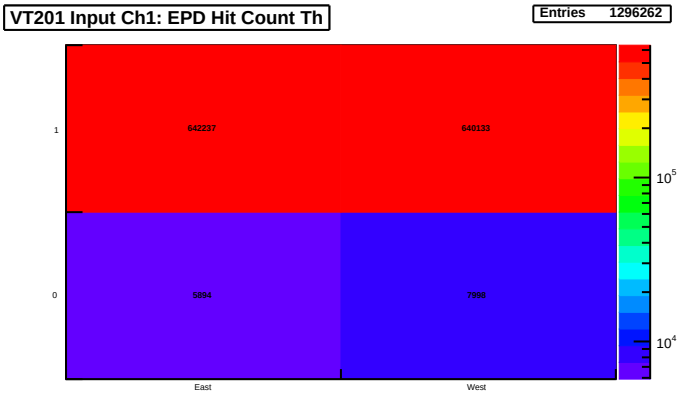

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

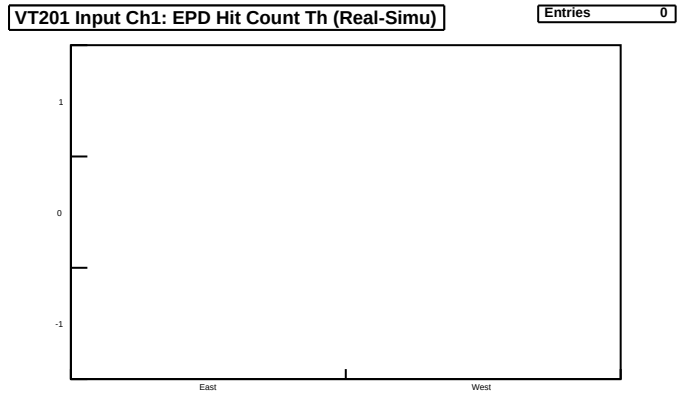

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1296262
403744
595554
244387
52577
East
West

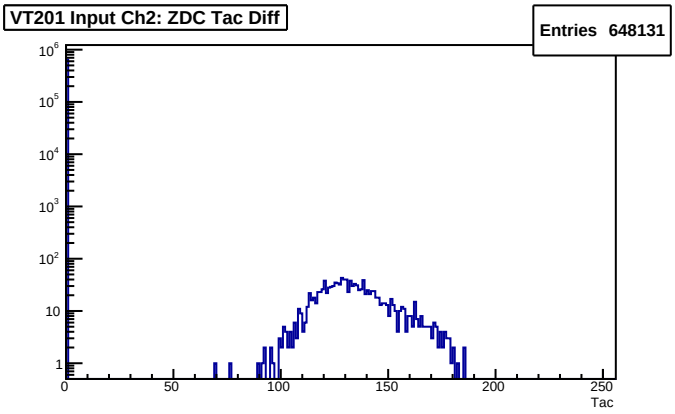

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

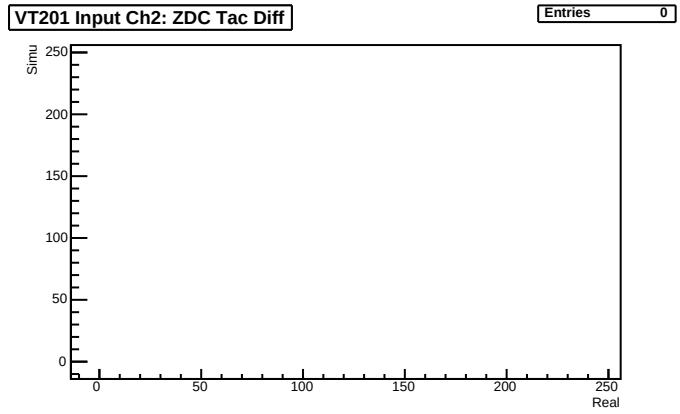

VT201 Input Ch1: EPD Tac Diff
Entries 648131
Tac

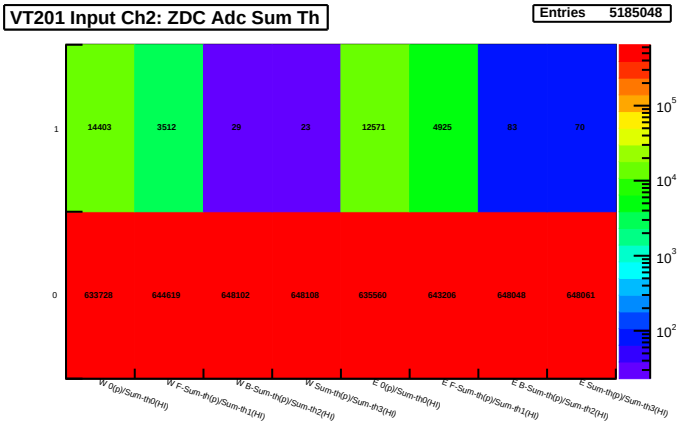

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

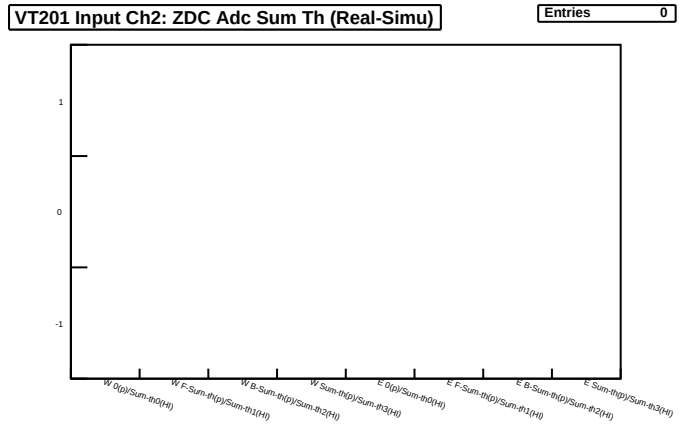

VT201 Input Ch1: EPD Hit Count Th
Entries 1296262
642237
640133
5894
7998
East
West

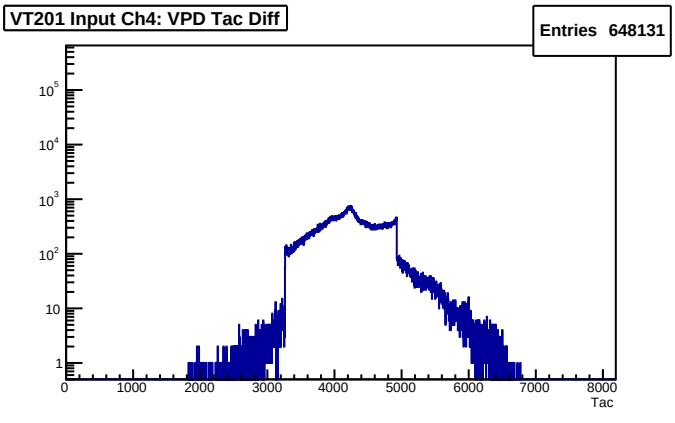

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

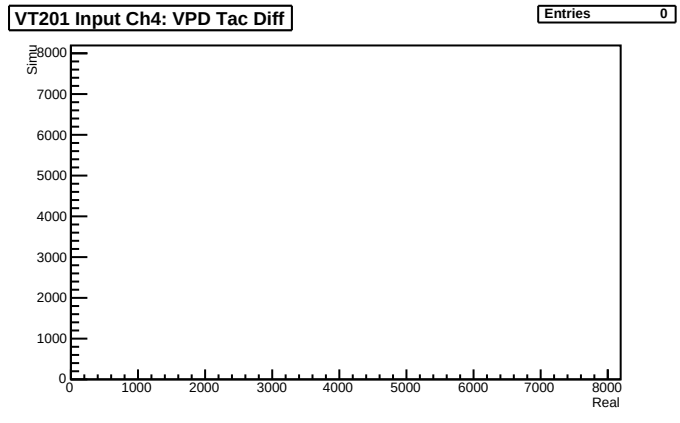

VT201 Input Ch2: ZDC Tac Diff
Entries 648131
Tac

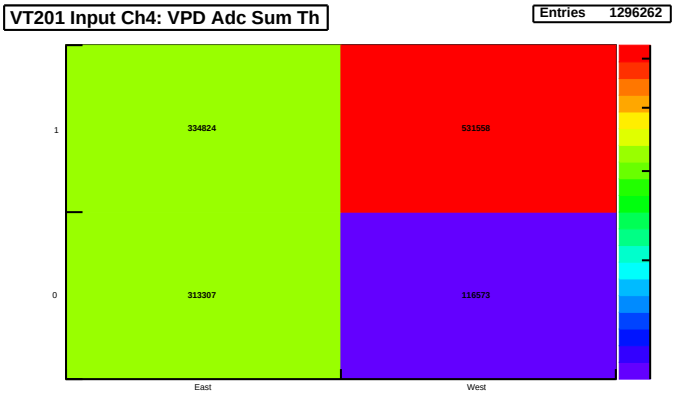

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

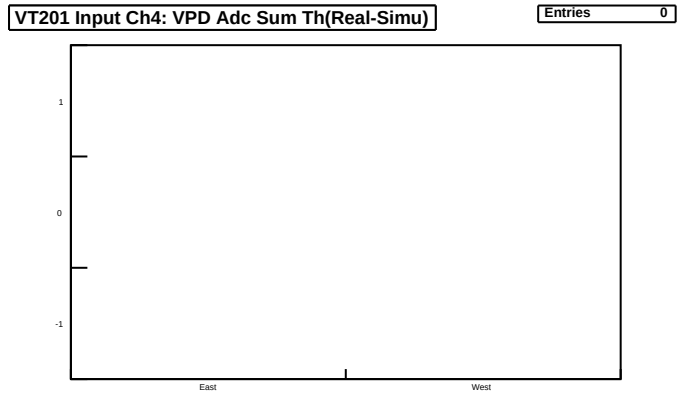

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5185048
14403
3512
29
23
12571
4925
83
70
633728
644619
648102
648108
635560
643206
648048
648061
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

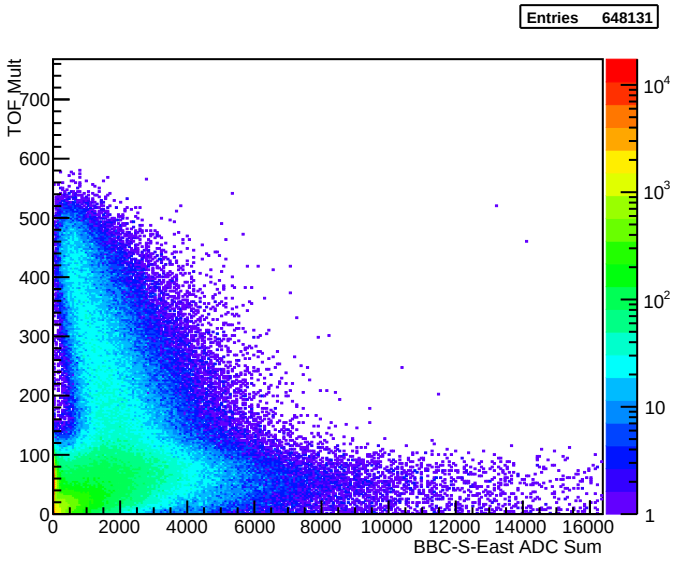

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

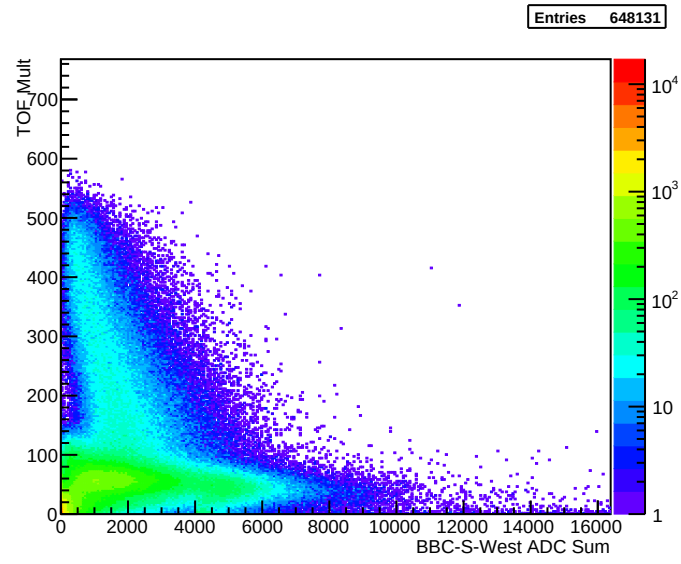

VT201 Input Ch4: VPD Tac Diff
Entries 648131
Tac

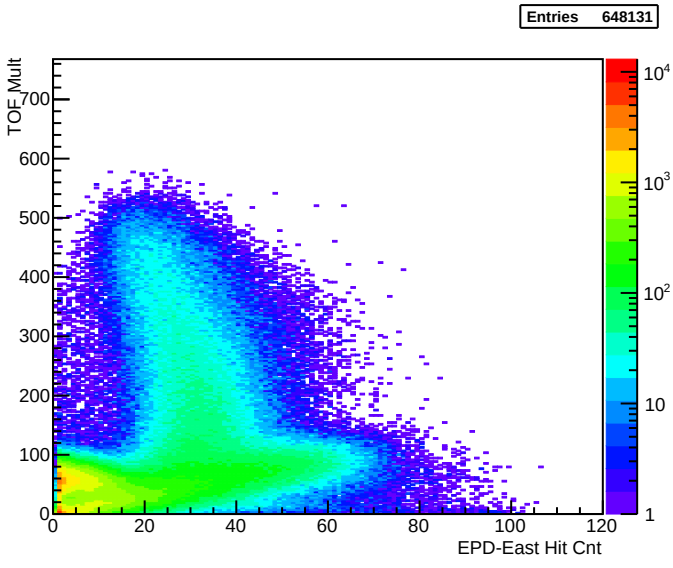

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

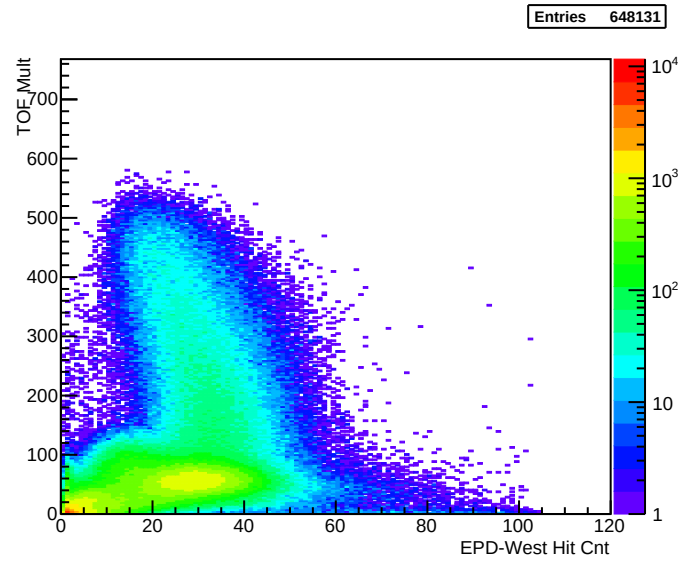

VT201 Input Ch4: VPD Adc Sum Th
Entries 1296262
334824
531558
313307
116573
East
West

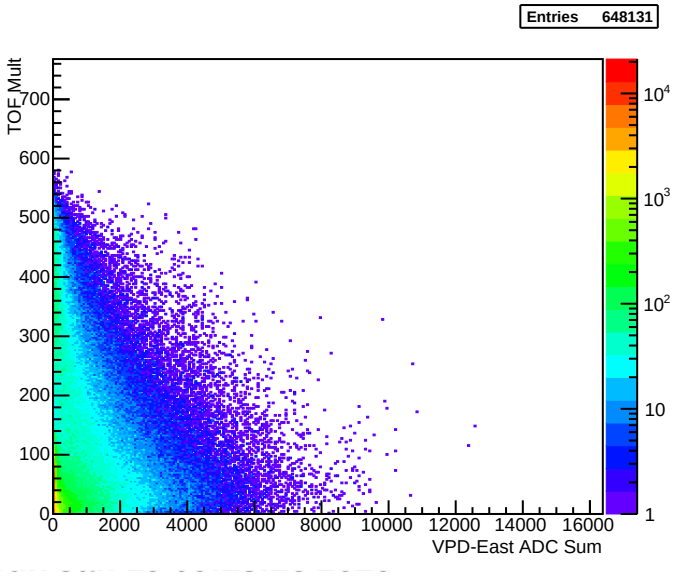

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

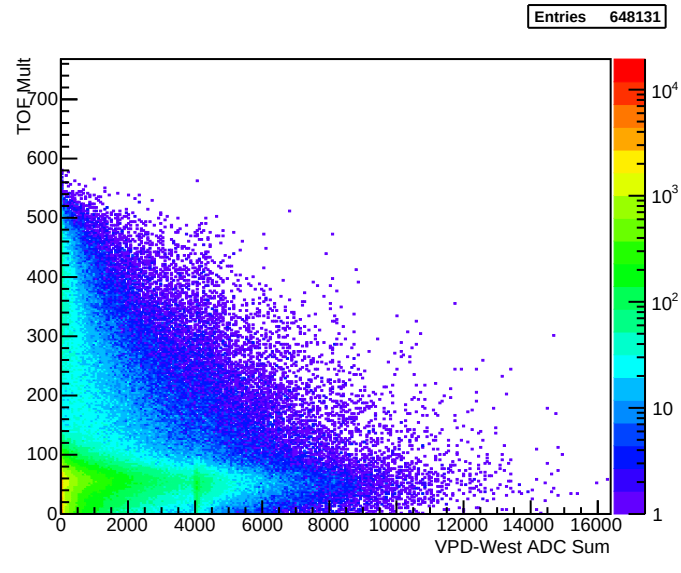

Entries 648131
TOF_Mult
BBC-S-East ADC Sum

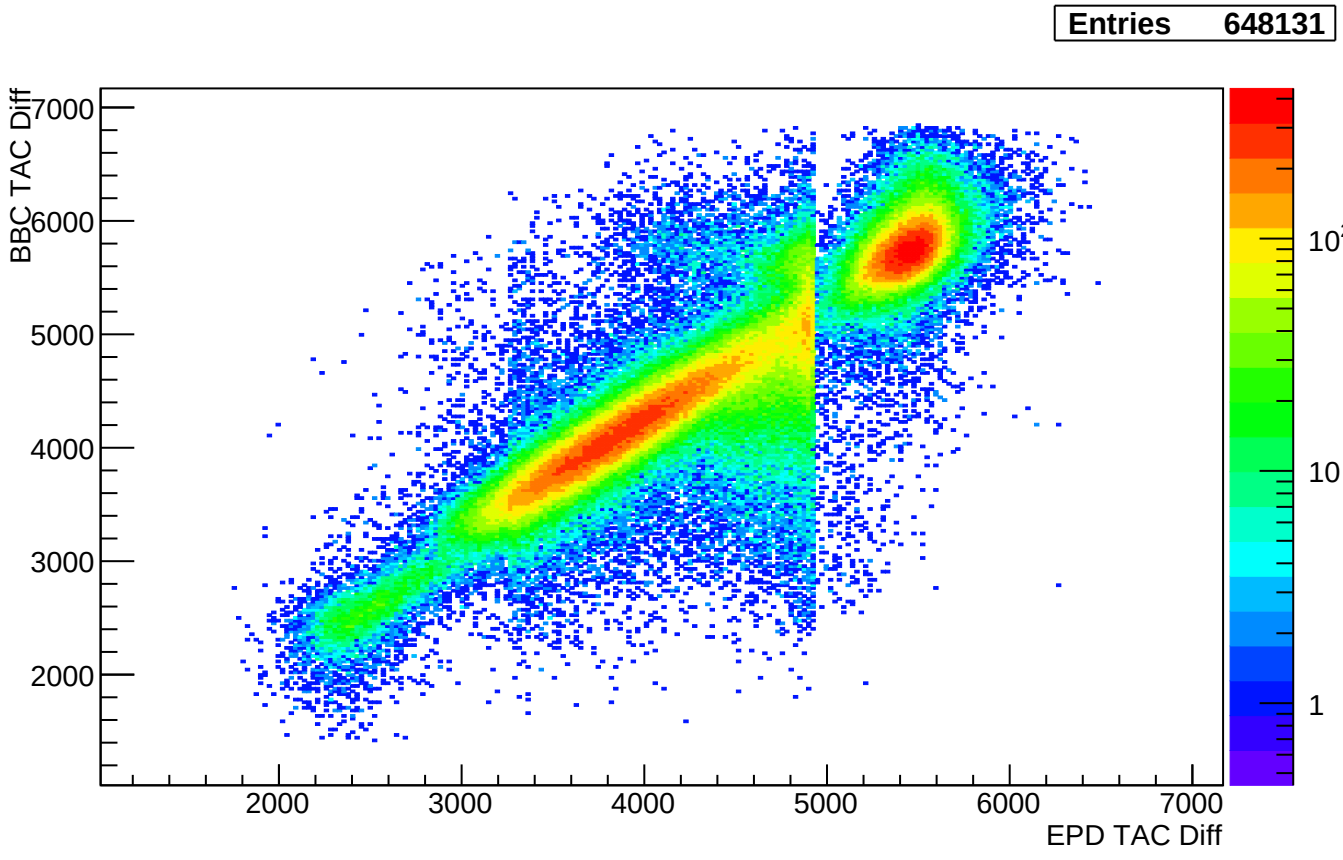

Entries 648131
TOF_Mult
BBC-S-West ADC Sum

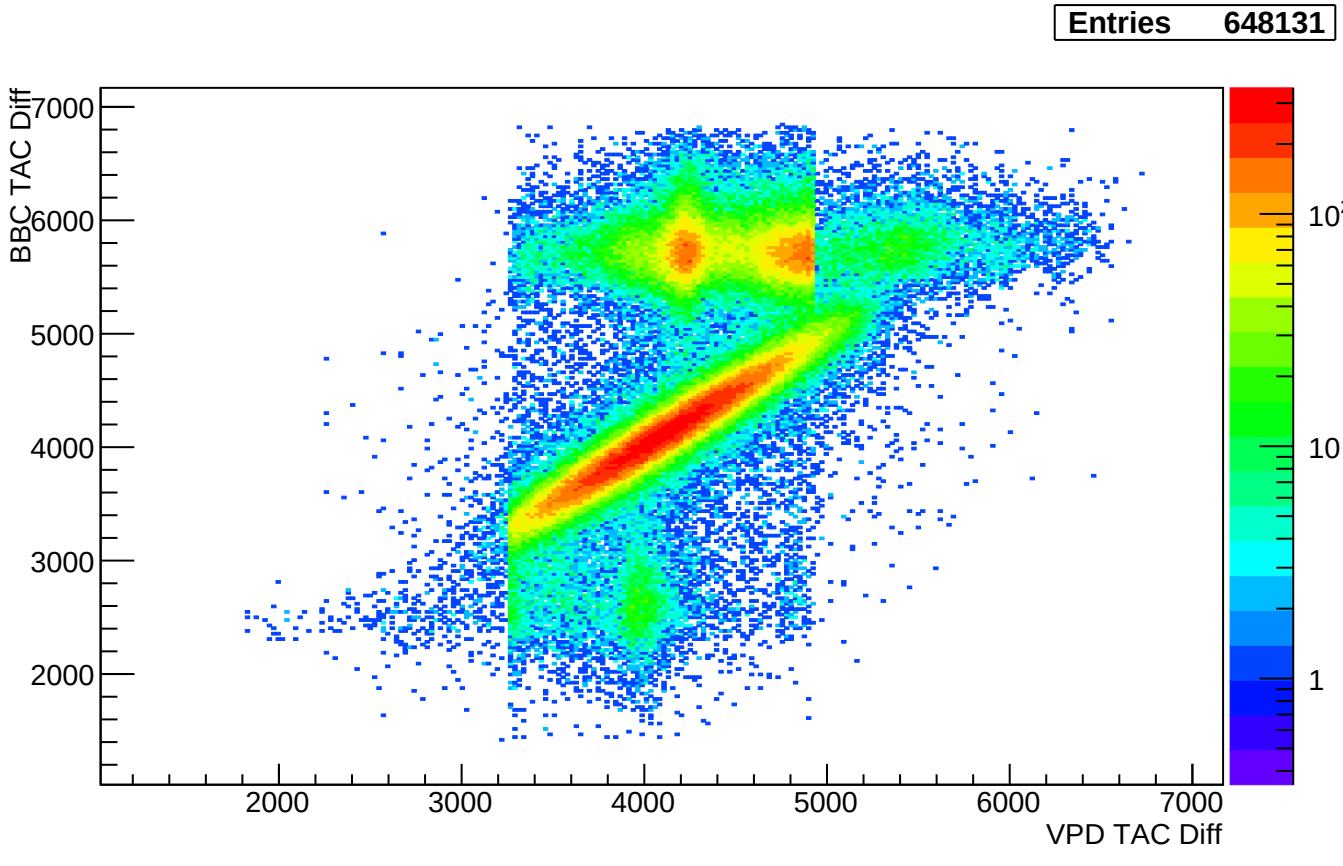

Entries 648131
TOF_Mult
EPD-East Hit Cnt

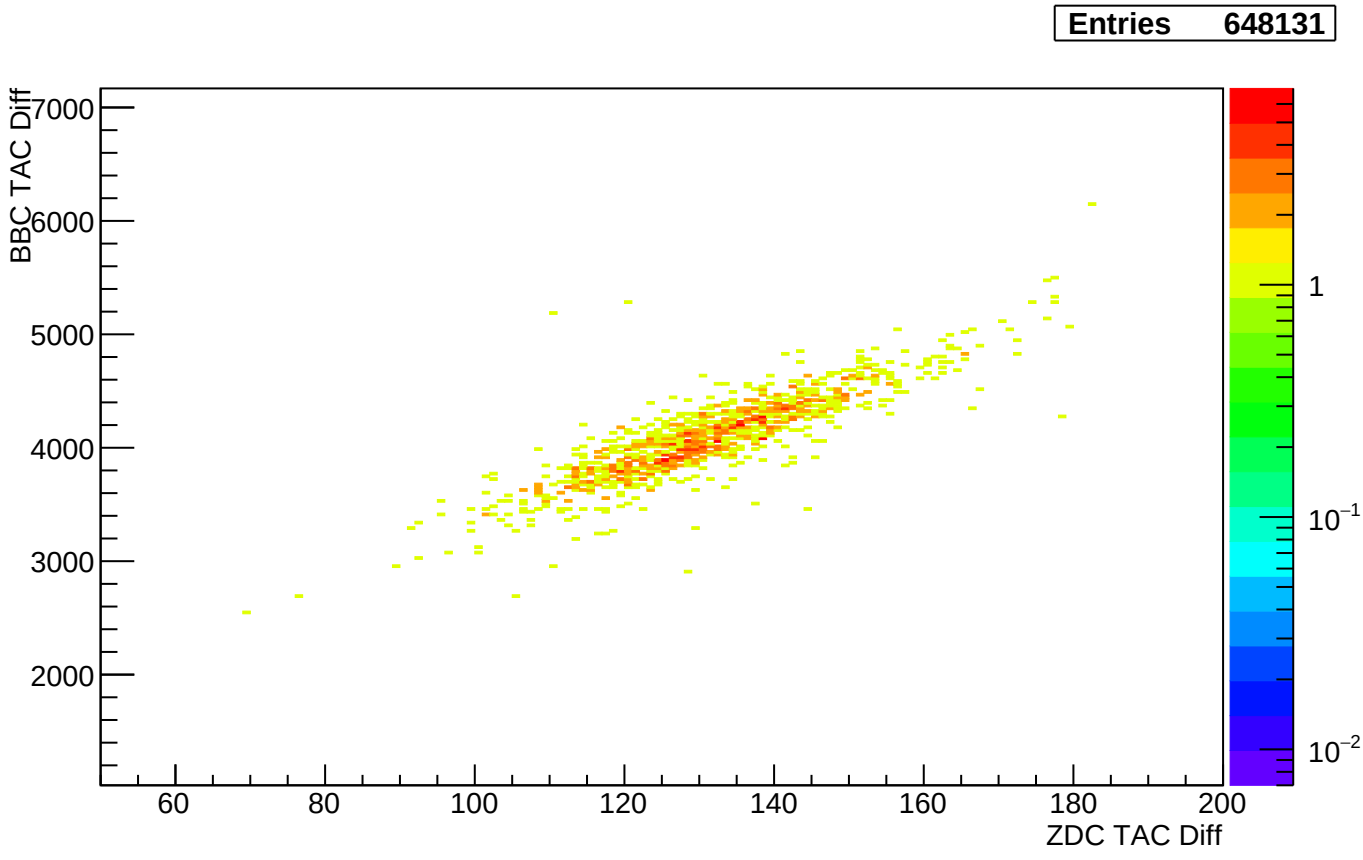

Entries 648131
TOF_Mult
EPD-West Hit Cnt

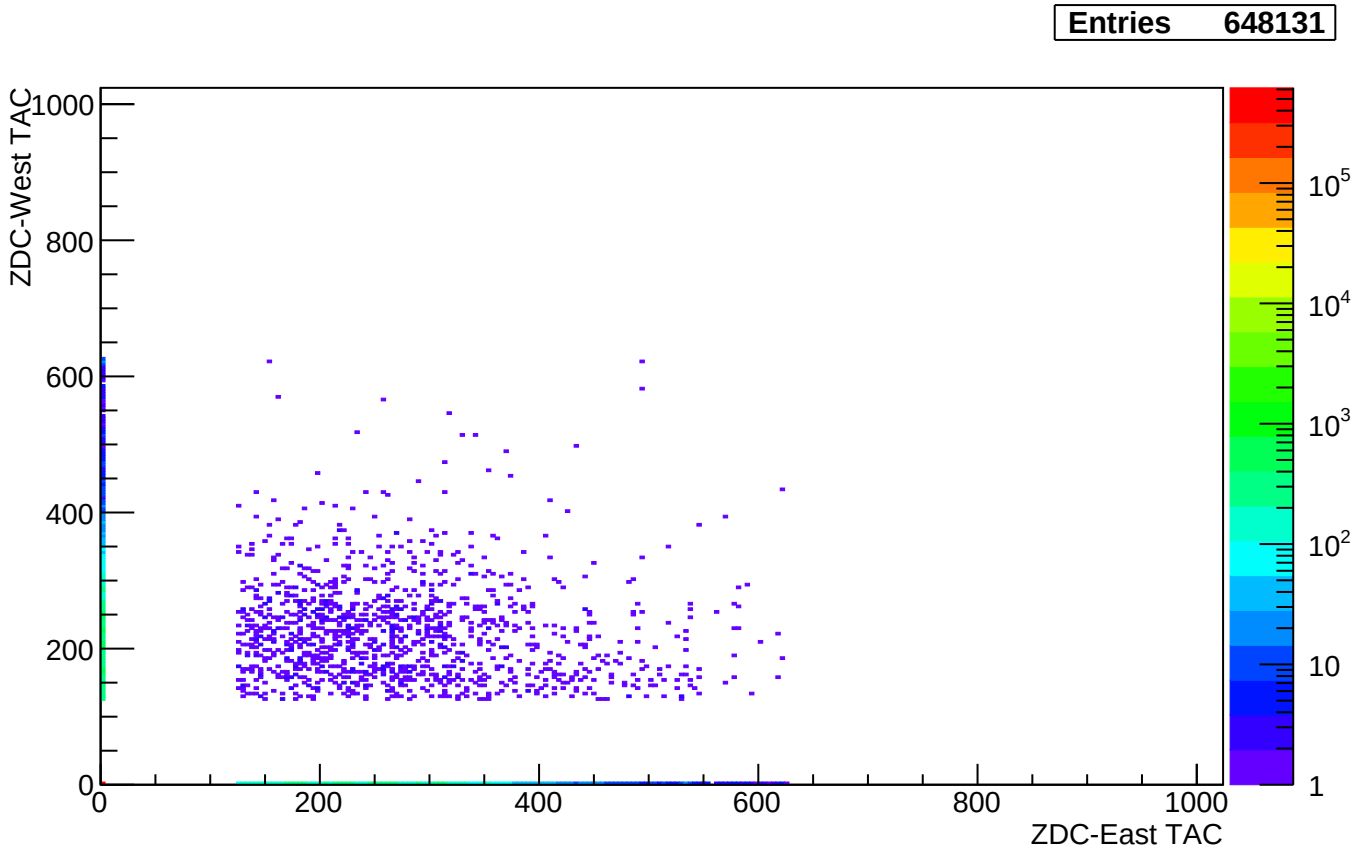

Entries 648131
TOF_Mult
VPD-East ADC Sum

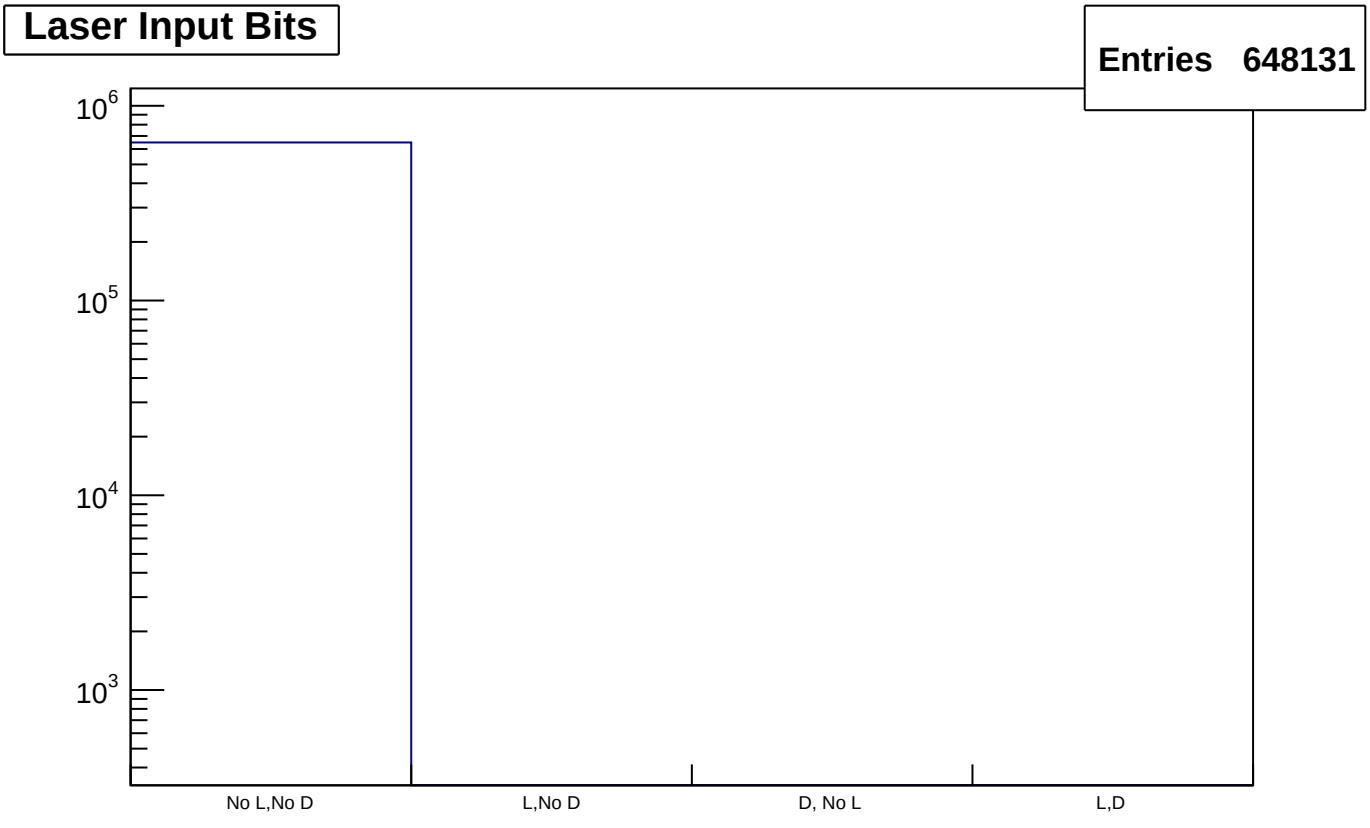

Entries 648131
TOF_Mult
VPD-West ADC Sum

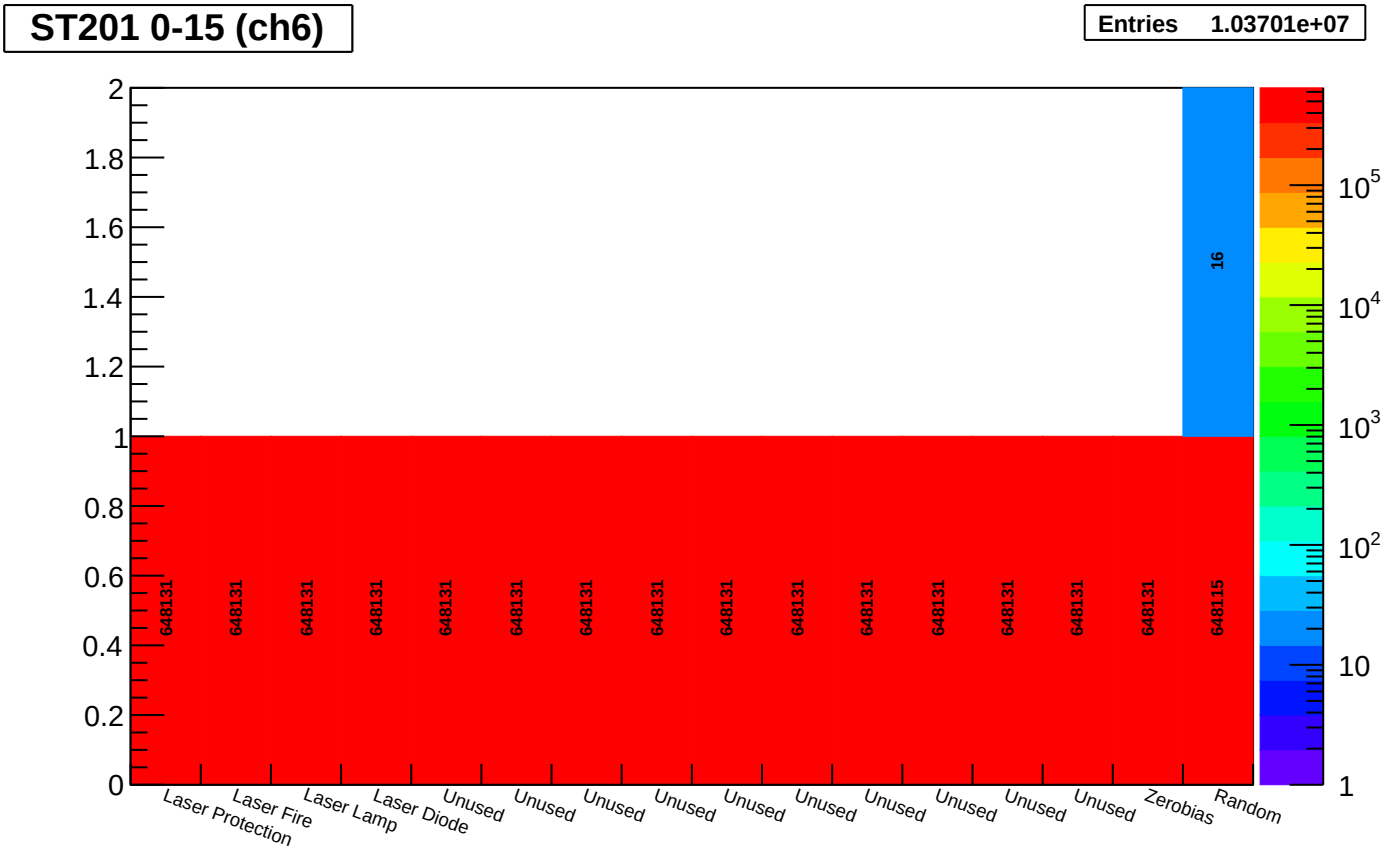

Entries 648131
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
$10^2$
10
1

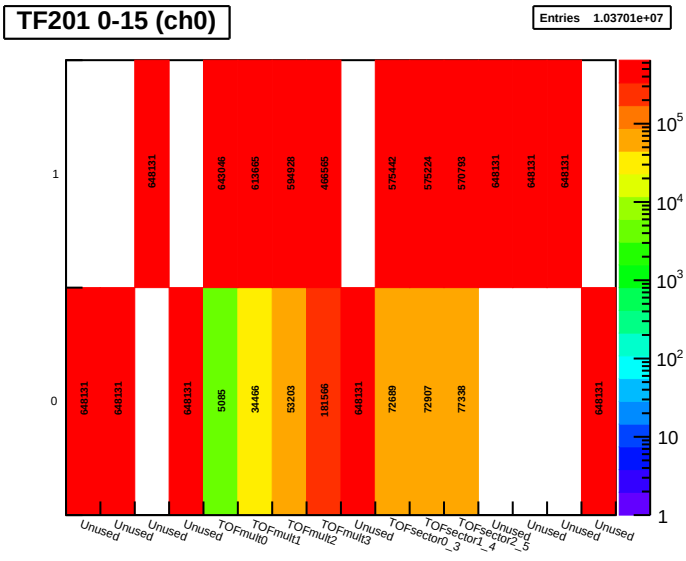

Entries 648131
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
$10^2$
10
1

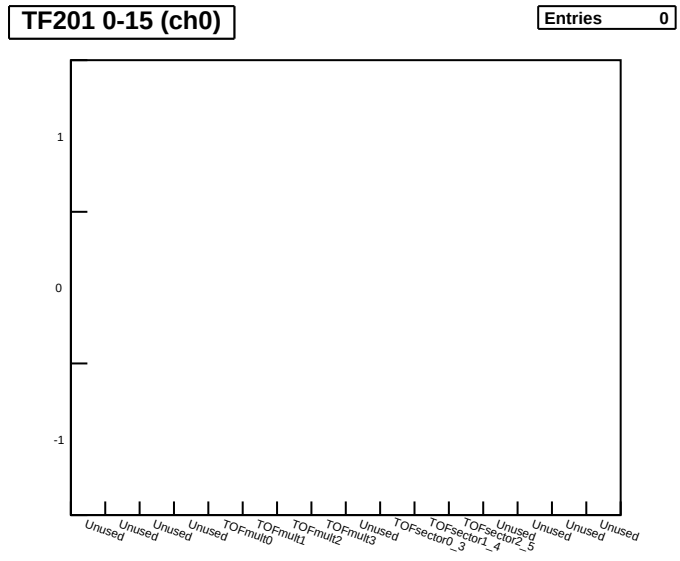

Entries 648131
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
$10^{-1}$
$10^{-2}$

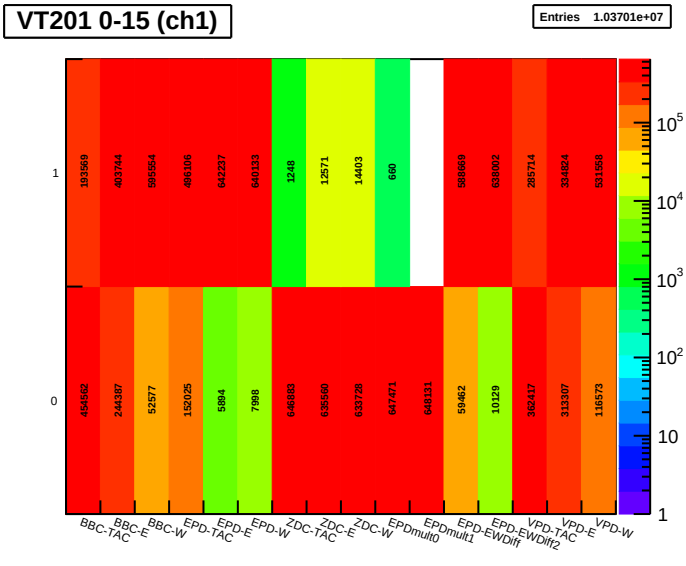

Entries 648131
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

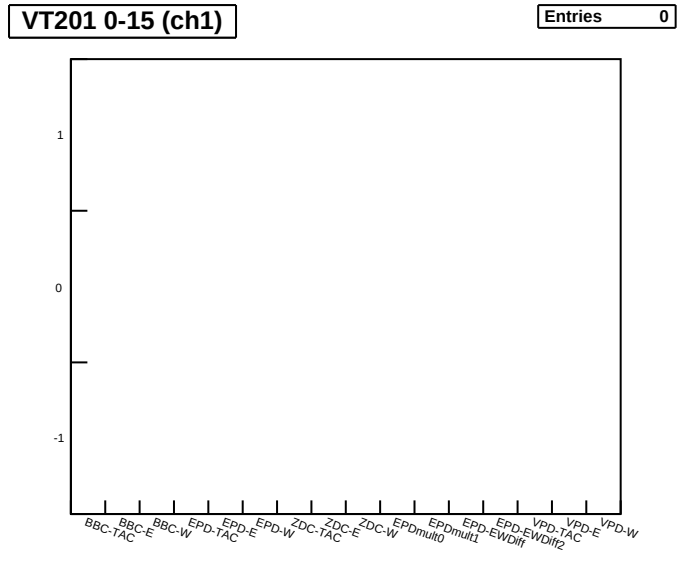

Laser Input Bits
Entries 648131
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

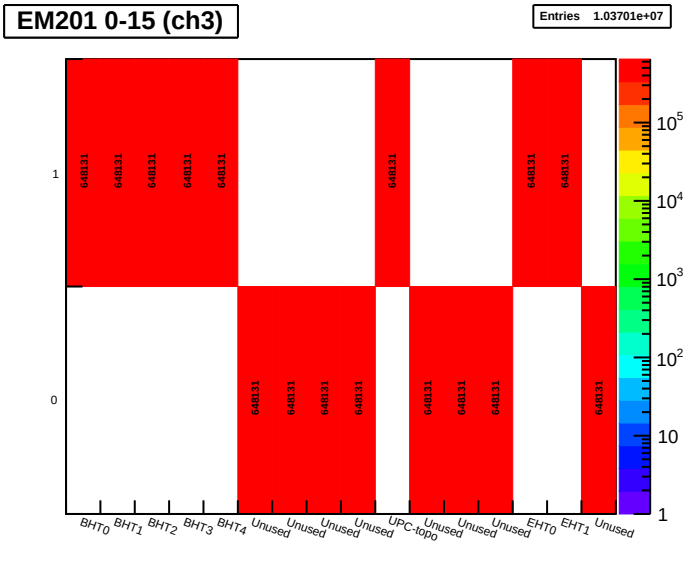

ST201 0-15 (ch6)
Entries 1.03701e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
648131
648115
$10^5$
$10^4$
$10^3$
$10^2$
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

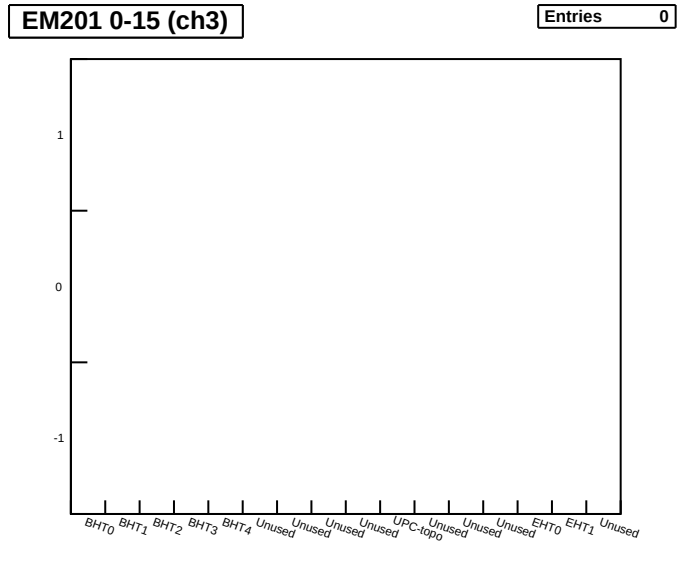

TF201 0-15 (ch0)
Entries 1.03701e+07
1
0
648131
643046
613665
594928
466565
575442
575224
570793
648131
648131
648131
648131
648131
648131
648131
5085
34466
53203
181566
648131
72689
72907
77338
648131
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
$10^2$
$10^3$
$10^4$
$10^5$


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 1.03701e+07
1
0
193569
403744
595554
496106
642237
640133
1248
12571
14403
660
588669
638002
285714
334824
531558
454562
244387
52577
152025
5984
7998
646883
635560
633728
647471
648131
59462
10129
362417
313307
116573
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 1.03701e+07
1
0
648131
648131
648131
648131
648131
648131
648131
648131
648131
648131
648131
648131
648131
648131
648131
648131
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