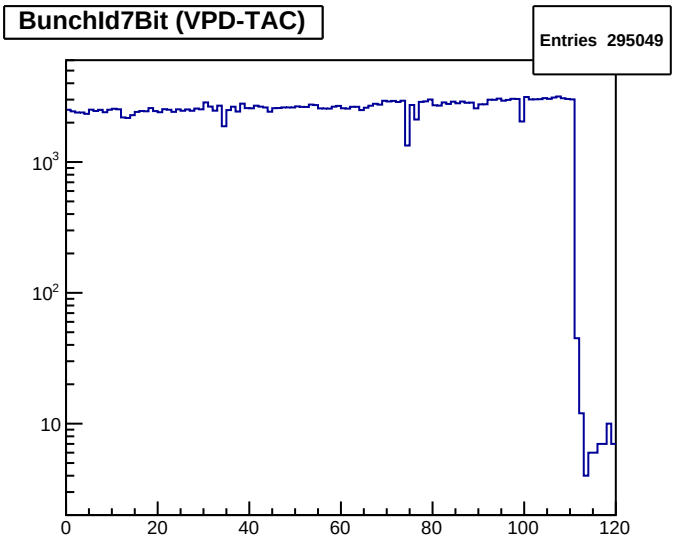
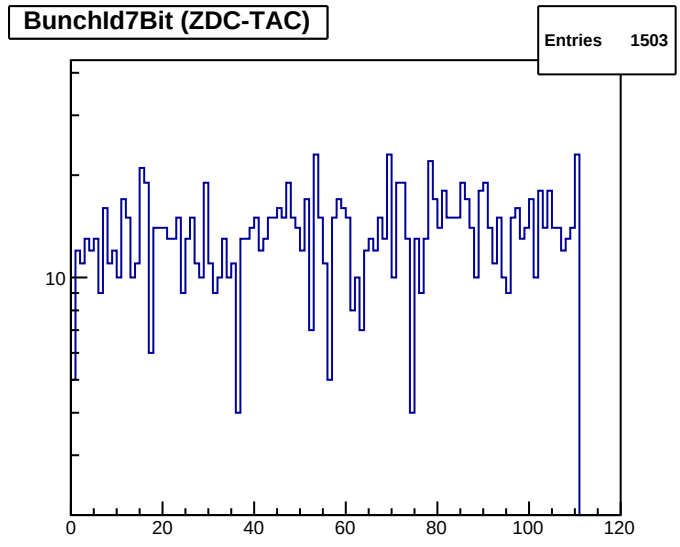
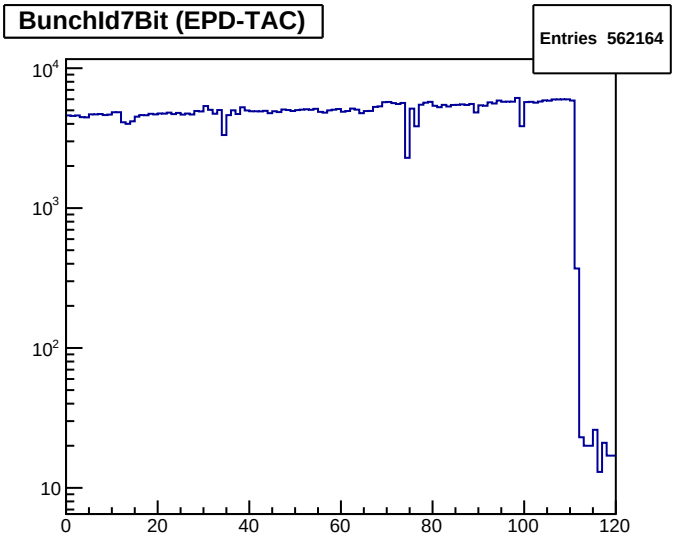
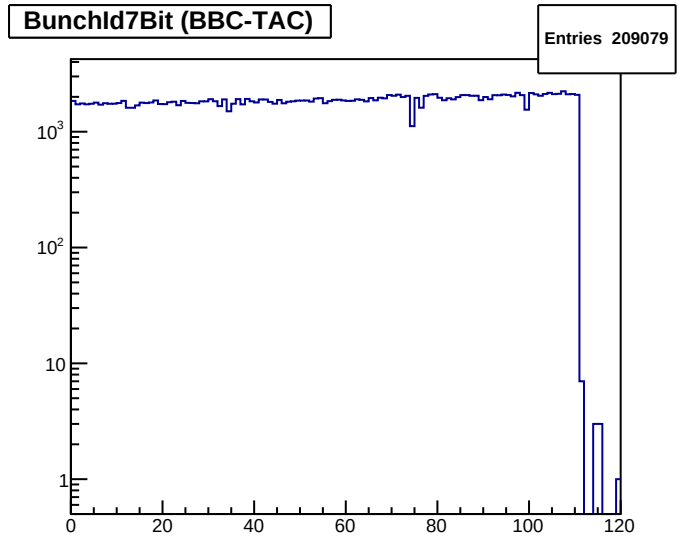
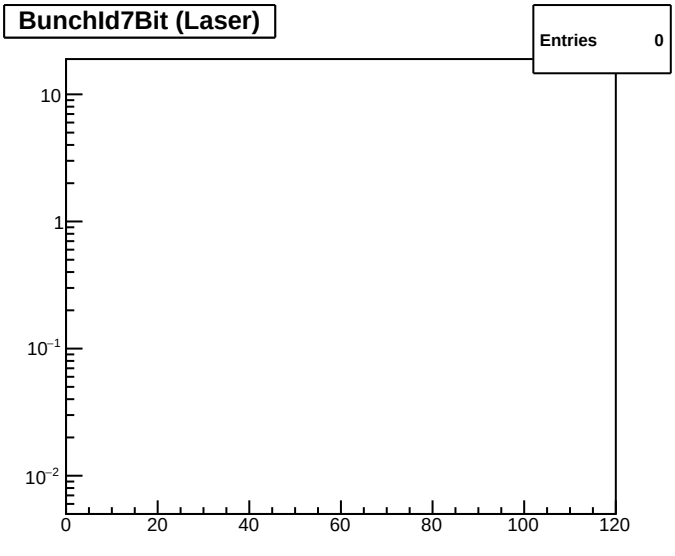
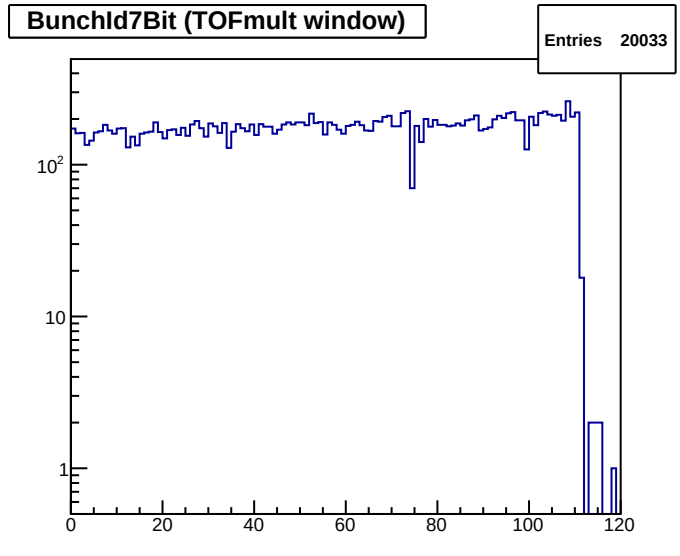

BunchId7Bit (VPD-TAC)
Entries 295049

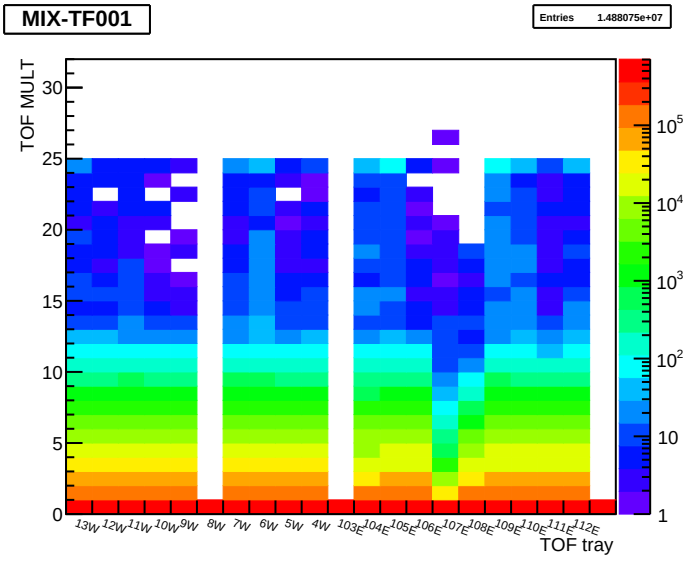

BunchId7Bit (ZDC-TAC)
Entries 1503

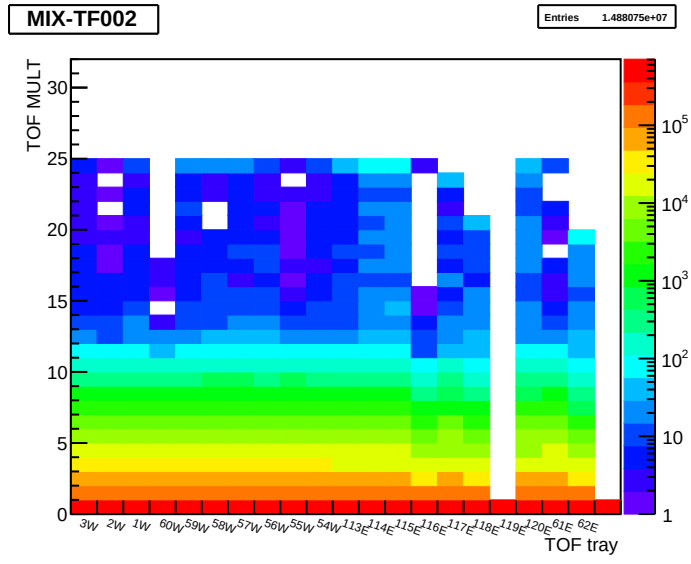

BunchId7Bit (EPD-TAC)
Entries 562164

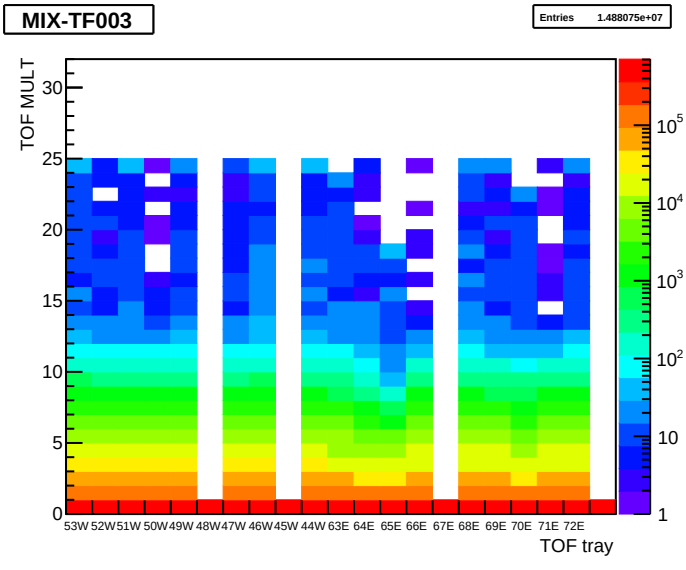

BunchId7Bit (BBC-TAC)
Entries 209079

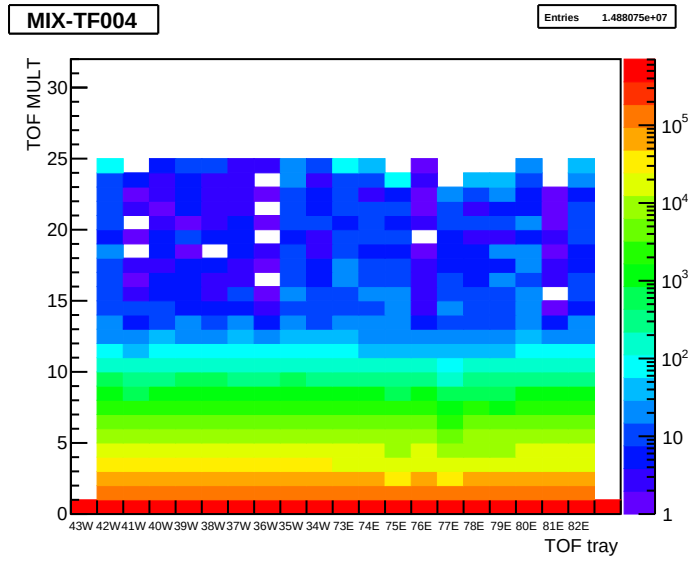

BunchId7Bit (Laser)
Entries 0

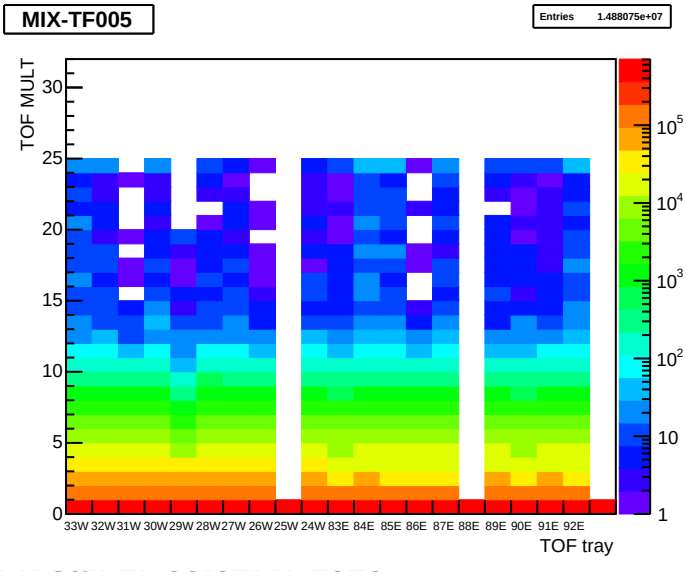

BunchId7Bit (TOFmult window)
Entries 20033

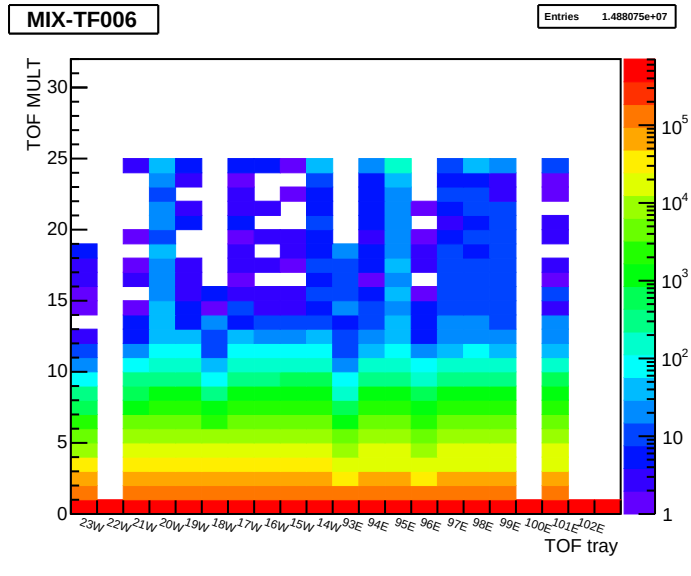

MIX-TF001
Entries 1.488075e+07
TOF MULT
TOF tray

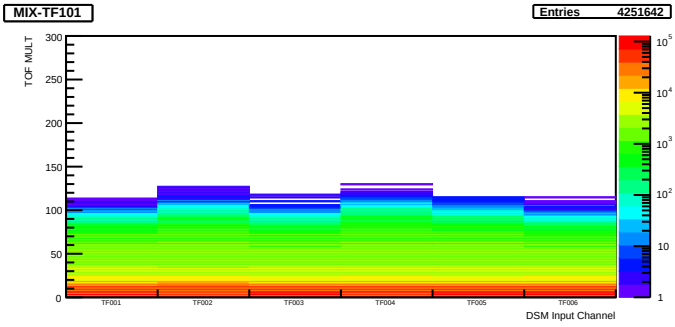

MIX-TF002
Entries 1.488075e+07
TOF MULT
TOF tray

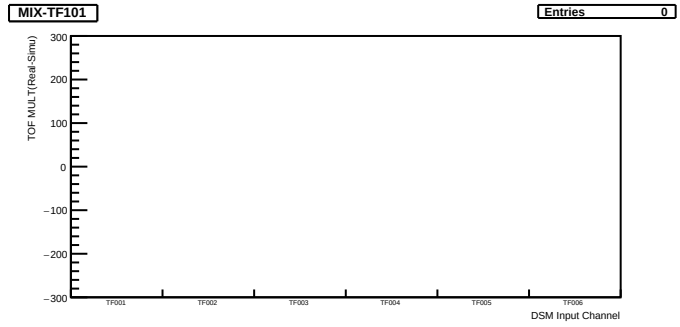

MIX-TF003
Entries 1.488075e+07
TOF MULT
TOF tray

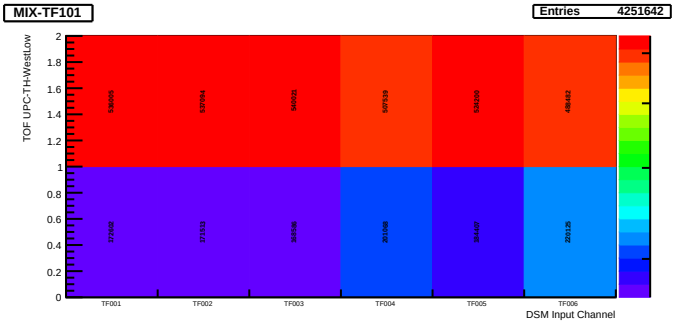

MIX-TF004
Entries 1.488075e+07
TOF MULT
TOF tray

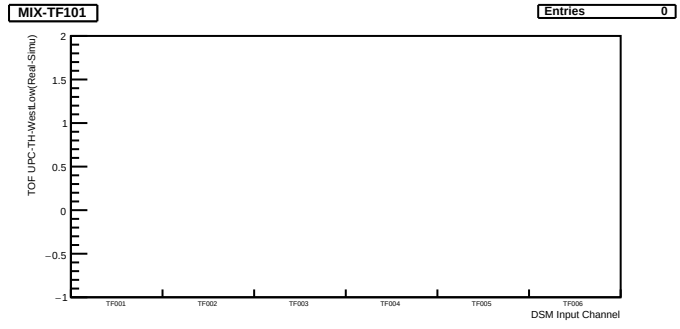

MIX-TF005
Entries 1.488075e+07
TOF MULT
TOF tray

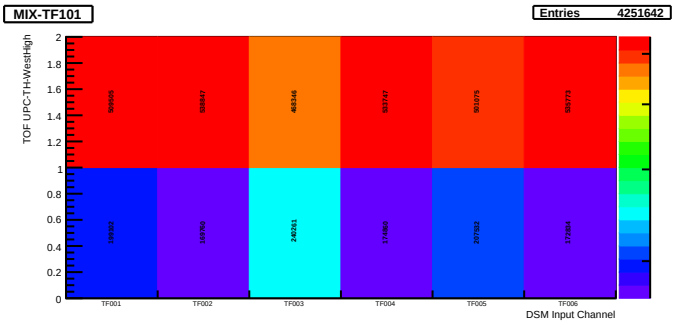

MIX-TF006
Entries 1.488075e+07
TOF MULT
TOF tray

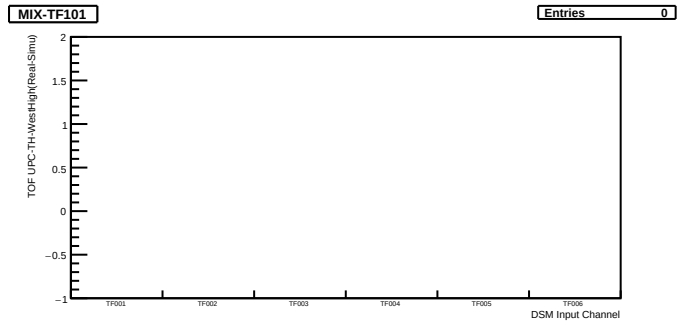

MIX-TF101
Entries 4251642
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

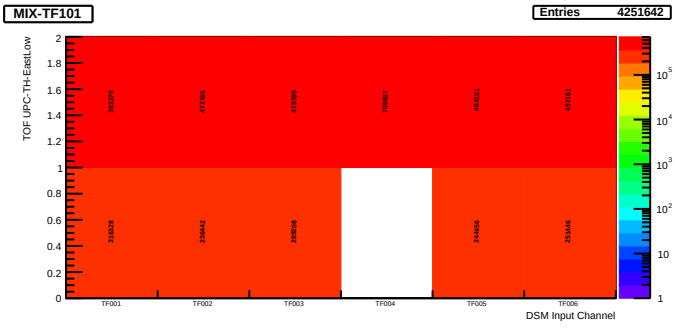

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

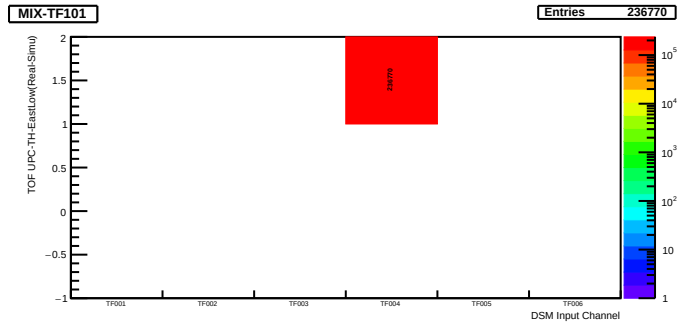

MIX-TF101
Entries 4251642
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

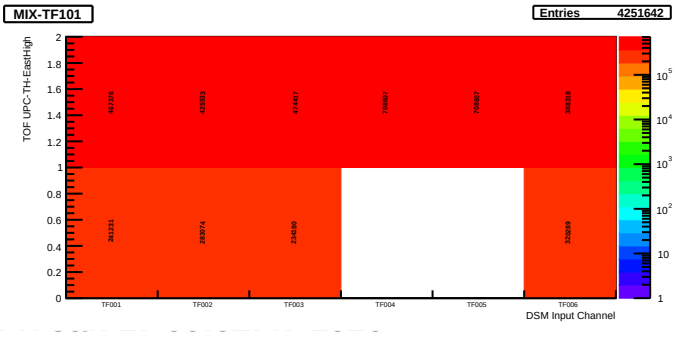

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

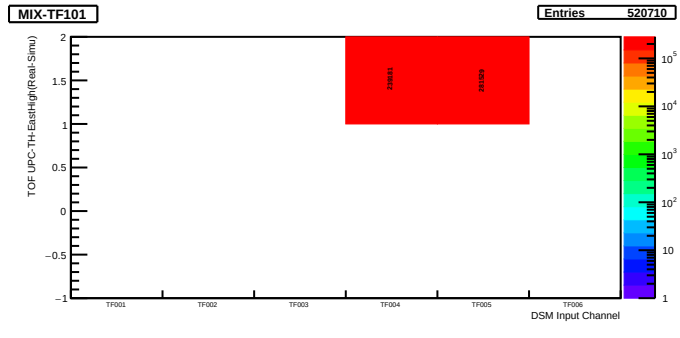

MIX-TF101
Entries 4251642
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

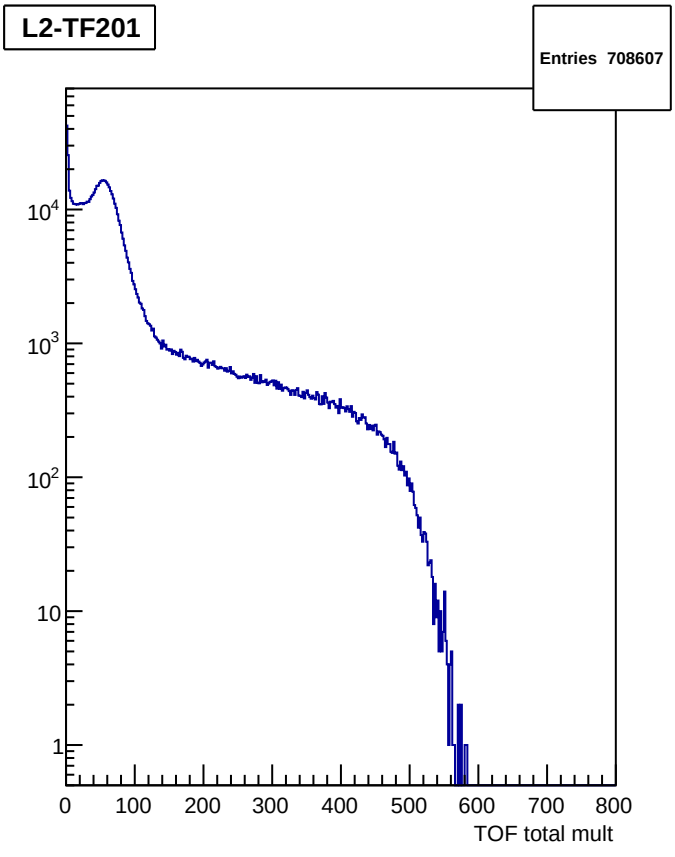

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

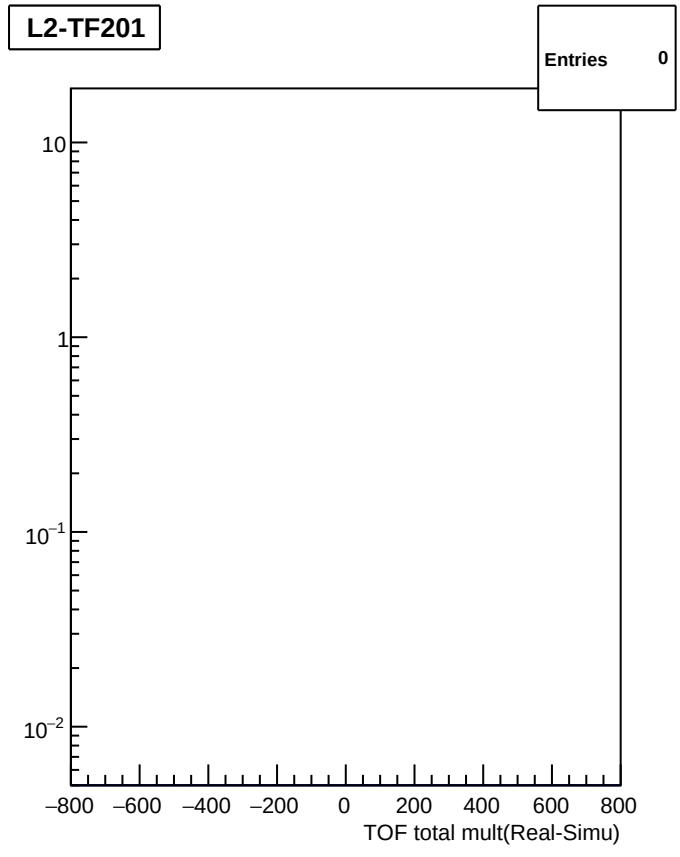

MIX-TF101
Entries 4251642
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

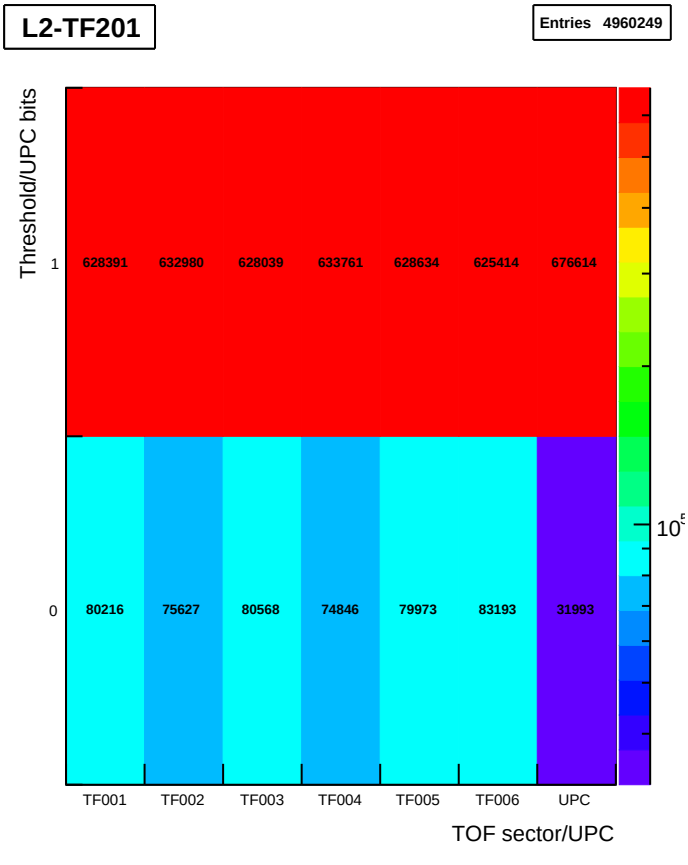

MIX-TF101
Entries 236770
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

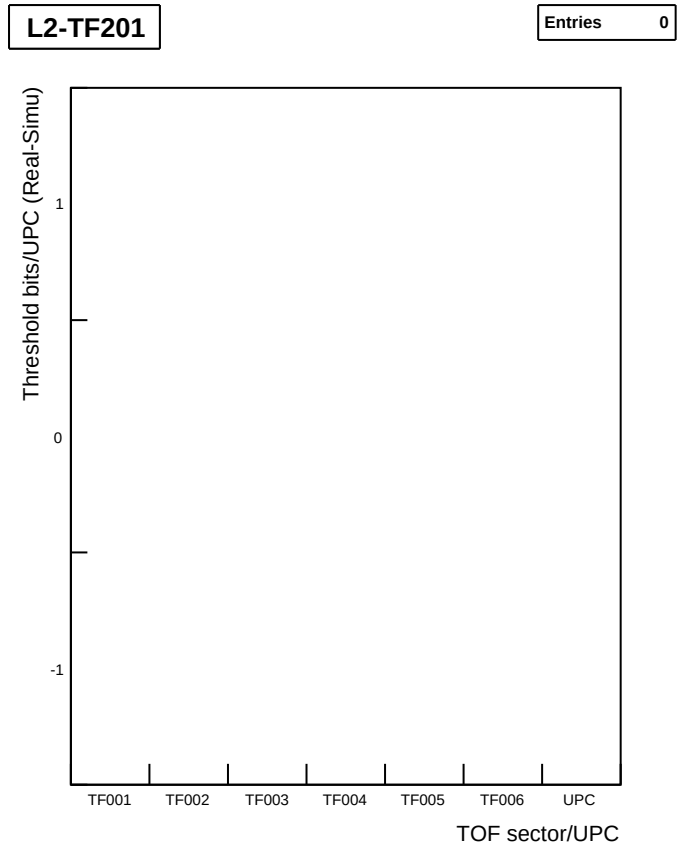

MIX-TF101
Entries 4251642
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

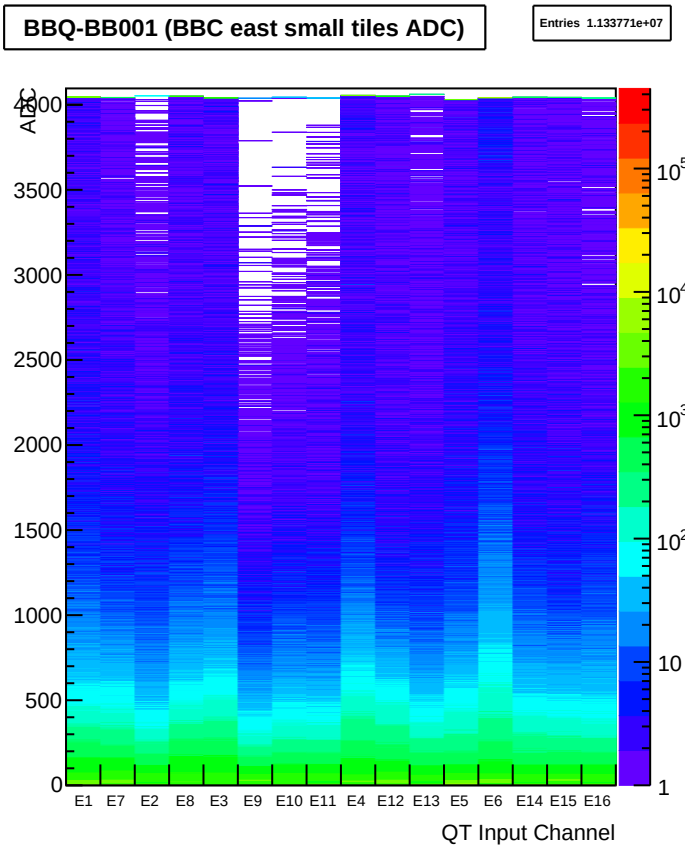

MIX-TF101
Entries 520710
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

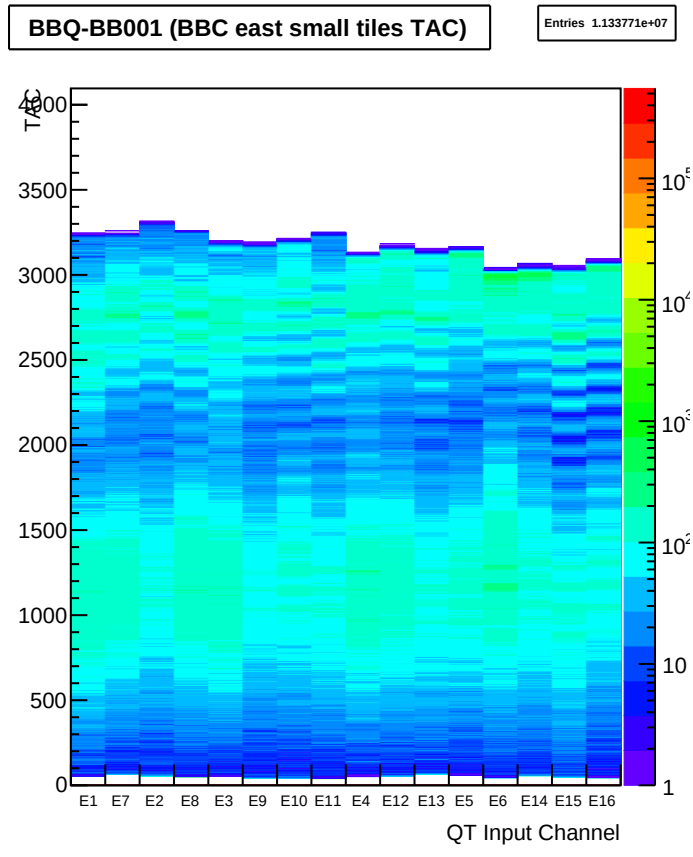

L2-TF201
Entries 708607
TOF total mult

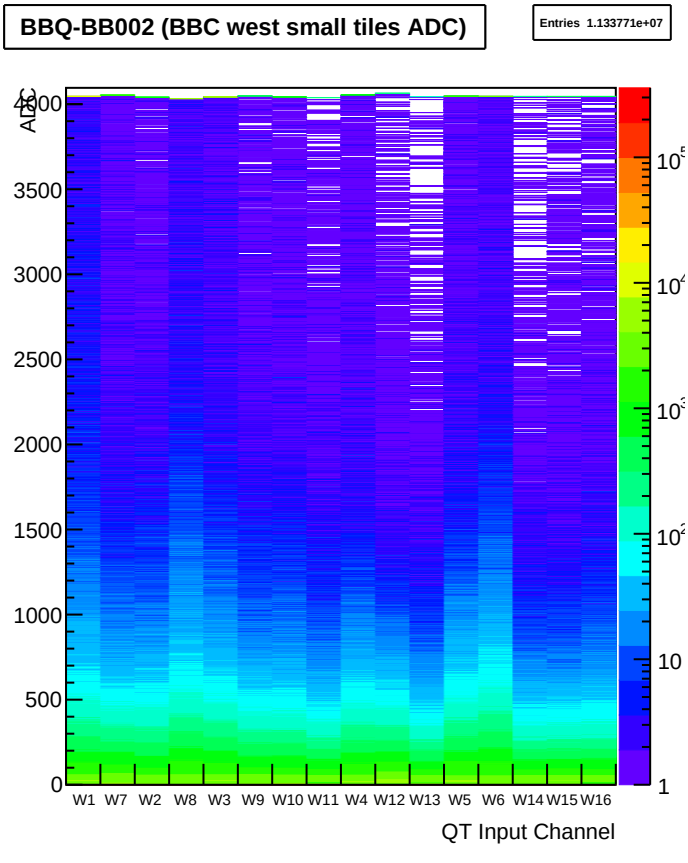

L2-TF201
Entries 0
TOF total mult(Real-Simu)

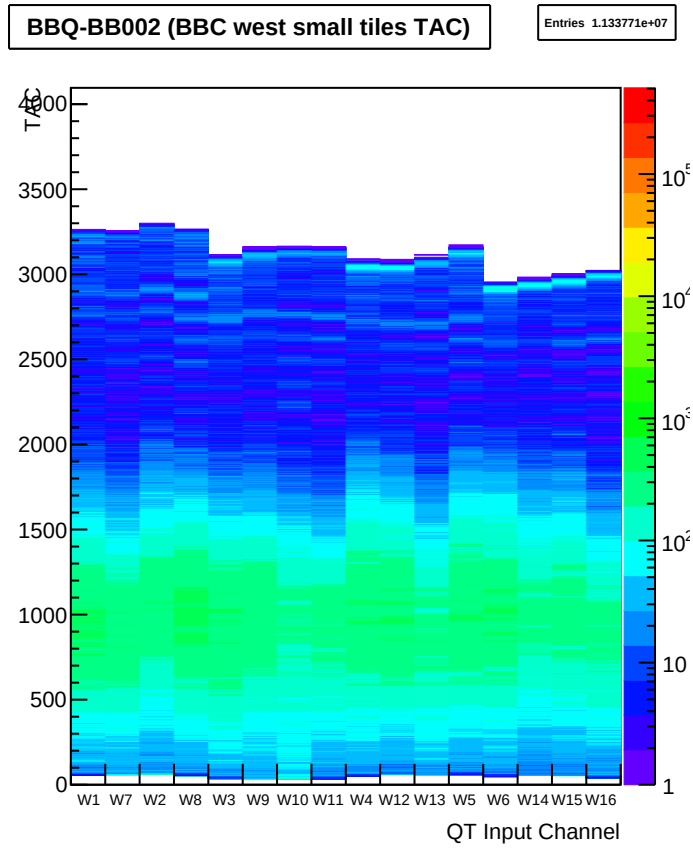

L2-TF201
Entries 4960249
Threshold/UPC bits
628391
632980
628039
633761
628634
625414
676614
80216
75627
80568
74846
79973
83193
31993
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

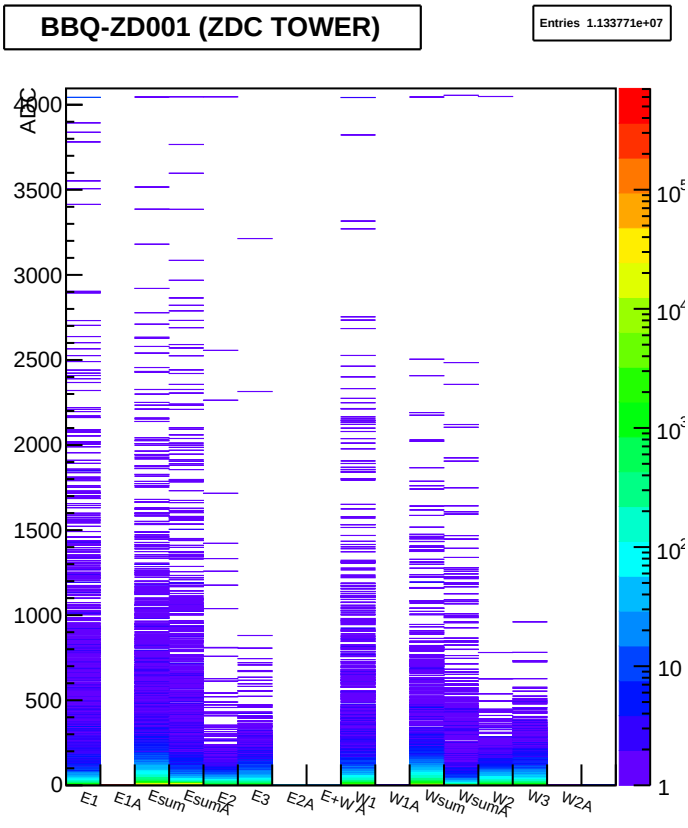

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

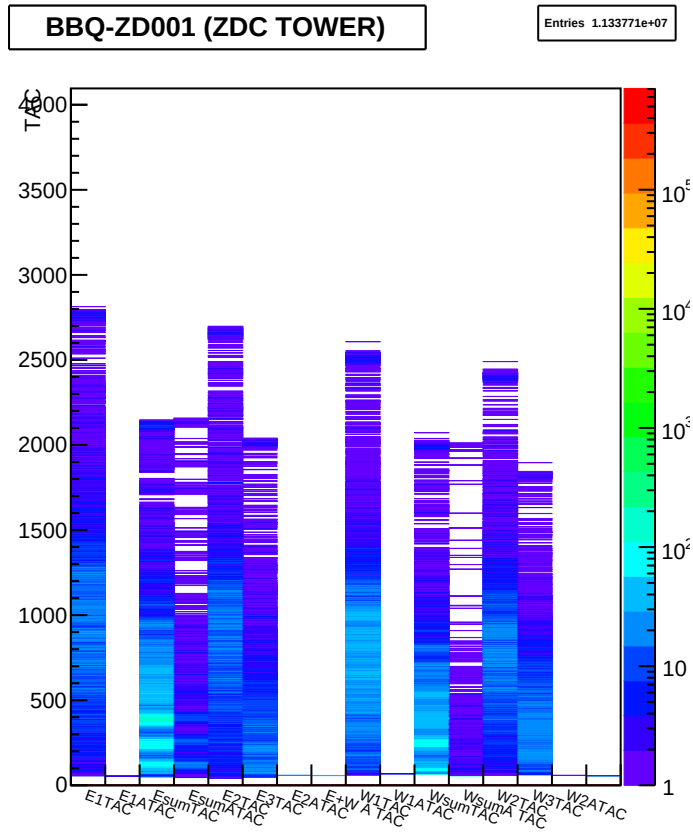

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.133771e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

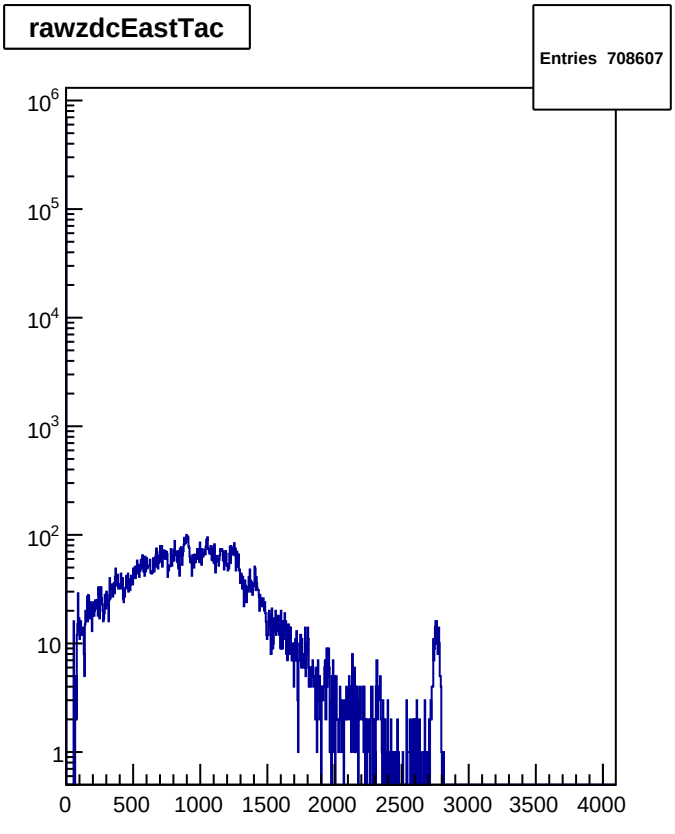

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.133771e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

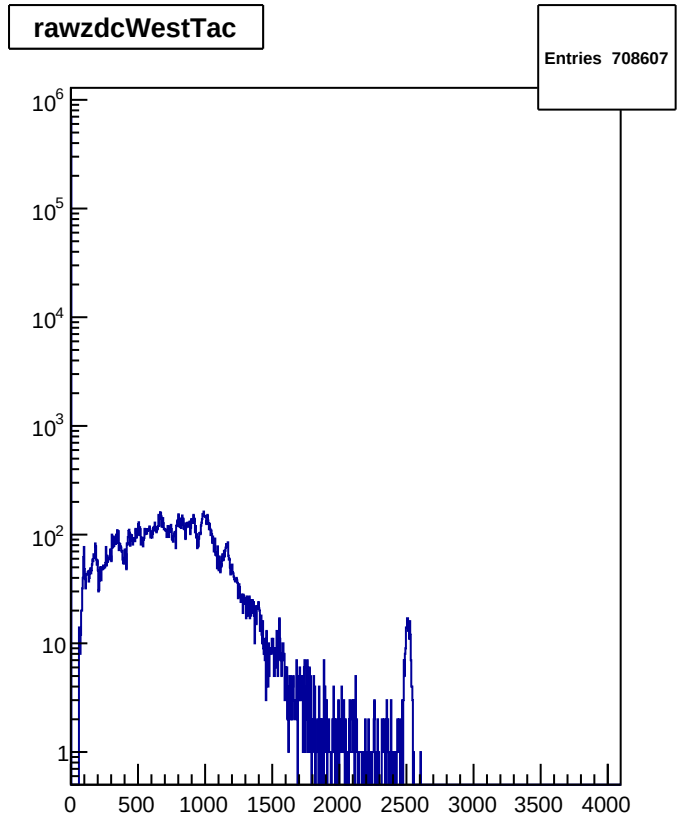

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.133771e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

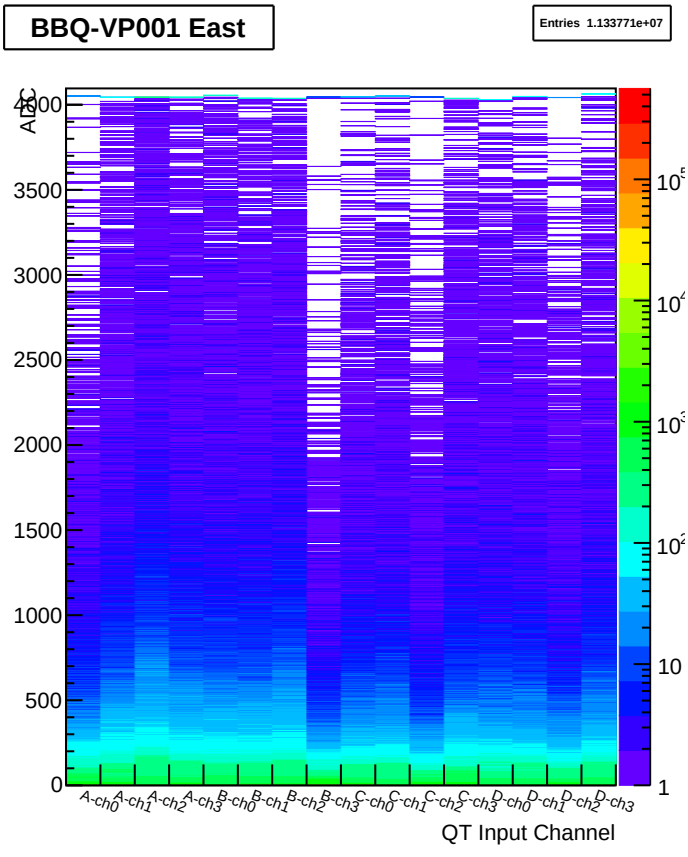

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.133771e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

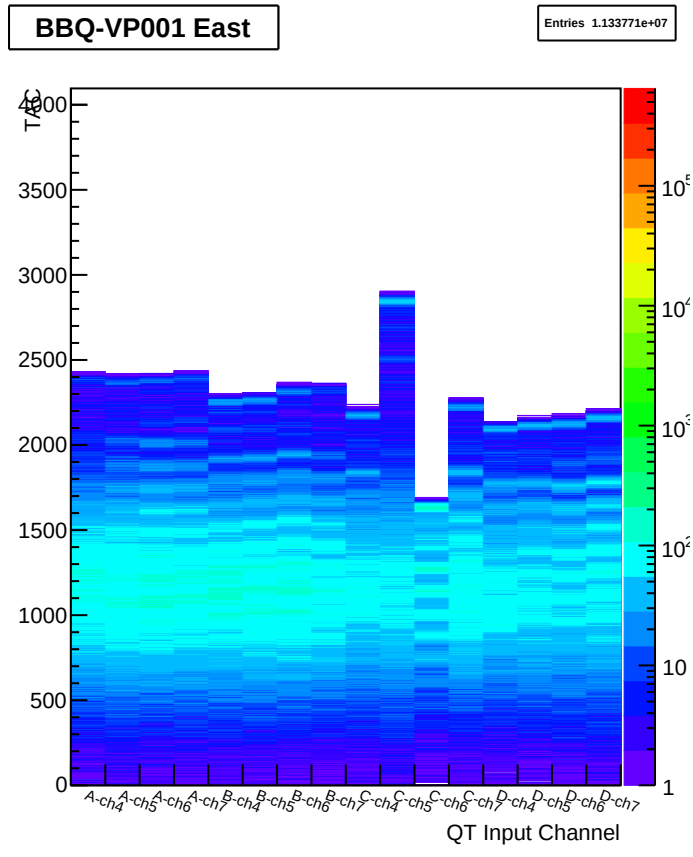

BBQ-ZD001 (ZDC TOWER)
Entries 1.133771e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

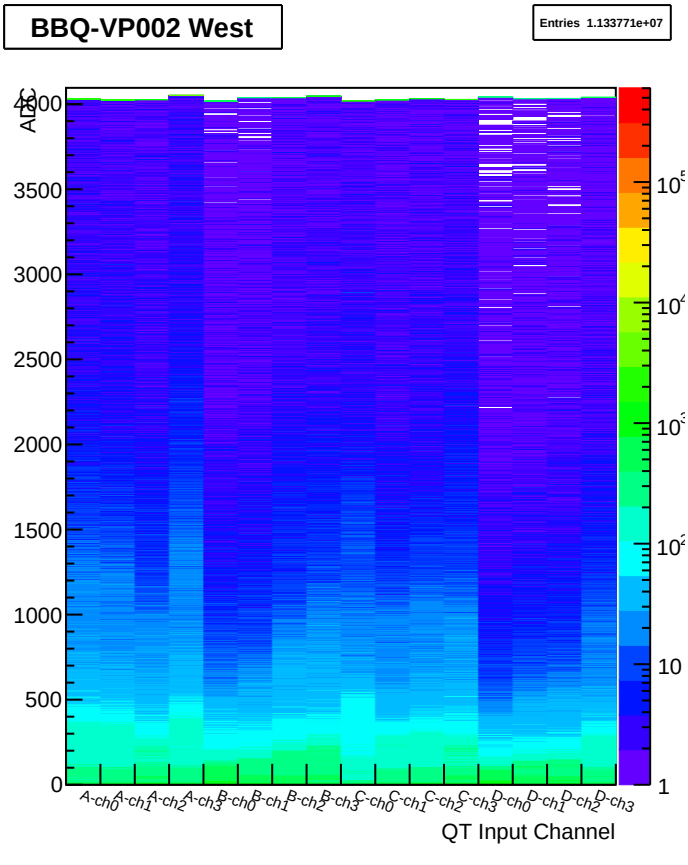

BBQ-ZD001 (ZDC TOWER)
Entries 1.133771e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

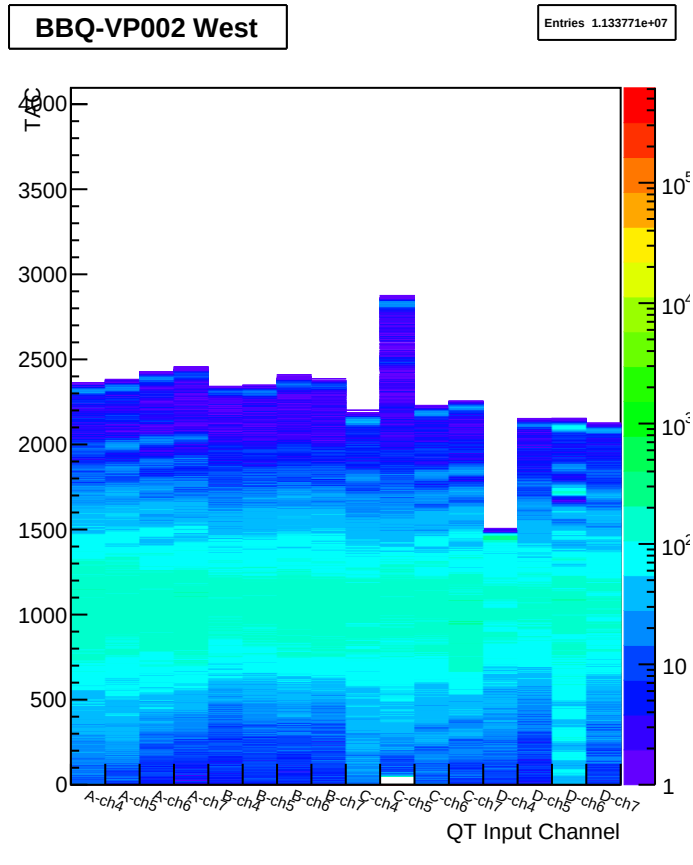

rawzdcEastTac
Entries 708607

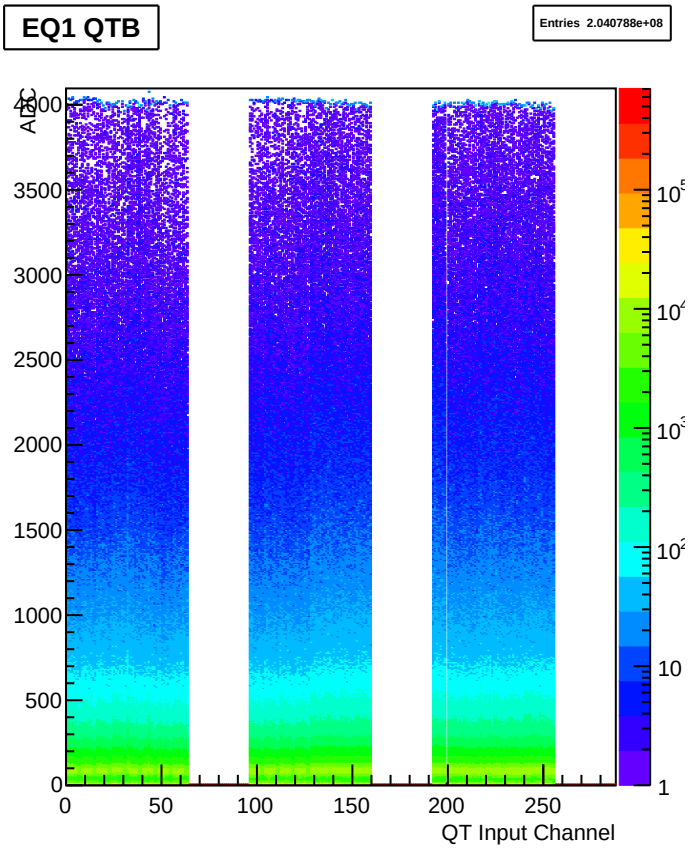

rawzdcWestTac
Entries 708607

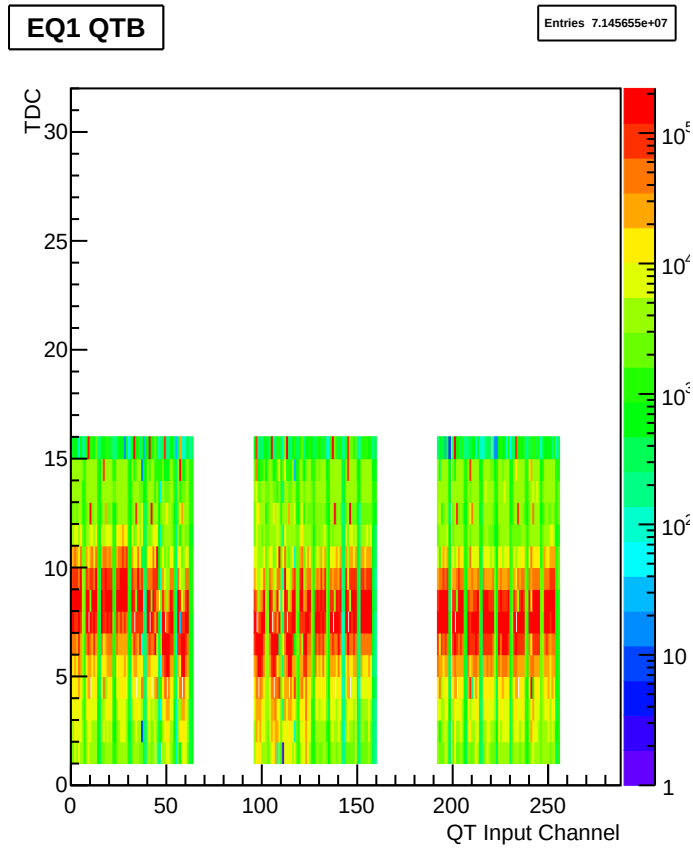

BBQ-VP001 East
Entries 1.133771e+07
ADC
QT Input Channel

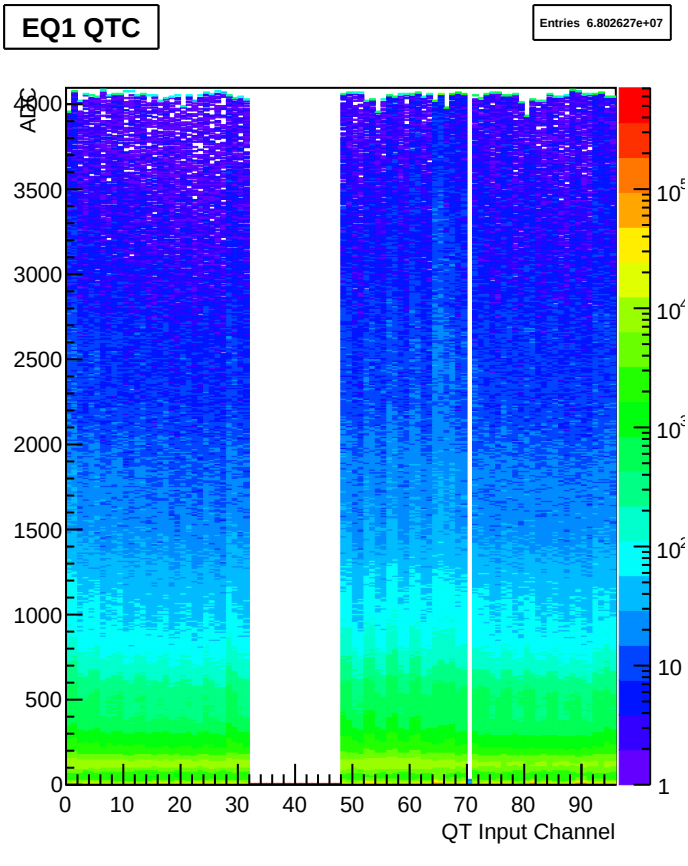

BBQ-VP001 East
Entries 1.133771e+07
TADC
QT Input Channel

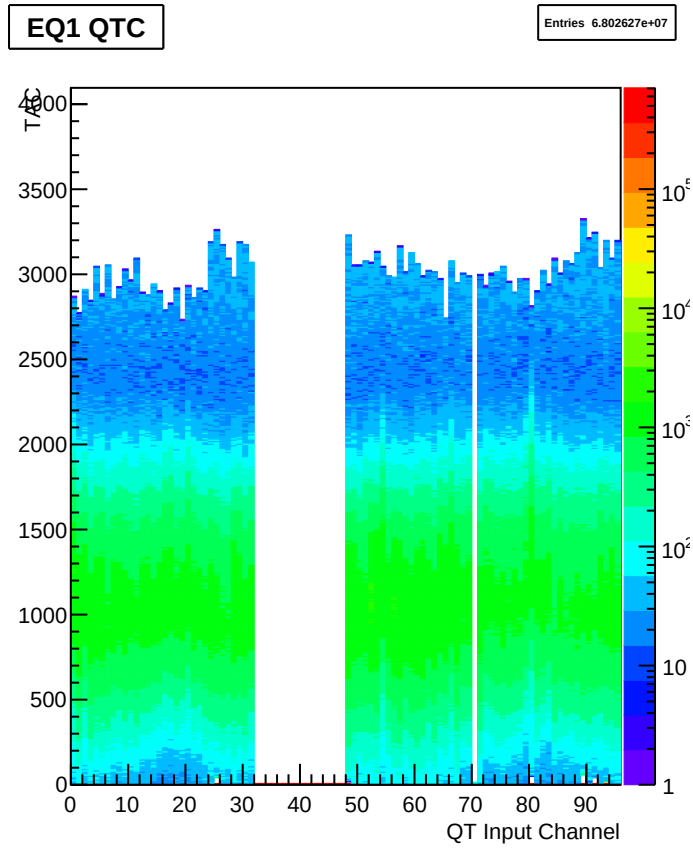

BBQ-VP002 West
Entries 1.133771e+07
ADC
QT Input Channel

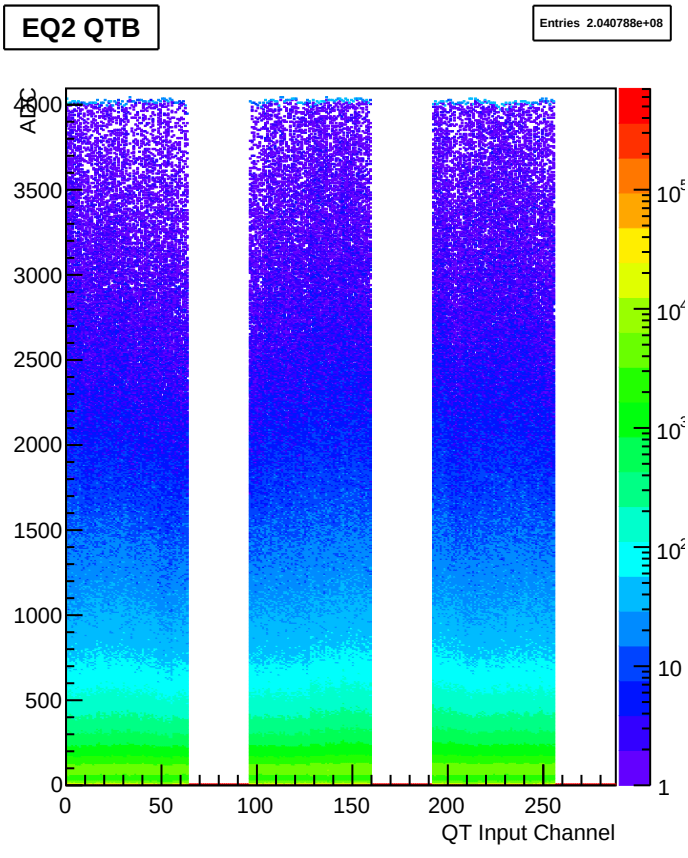

BBQ-VP002 West
Entries 1.133771e+07
TADC
QT Input Channel

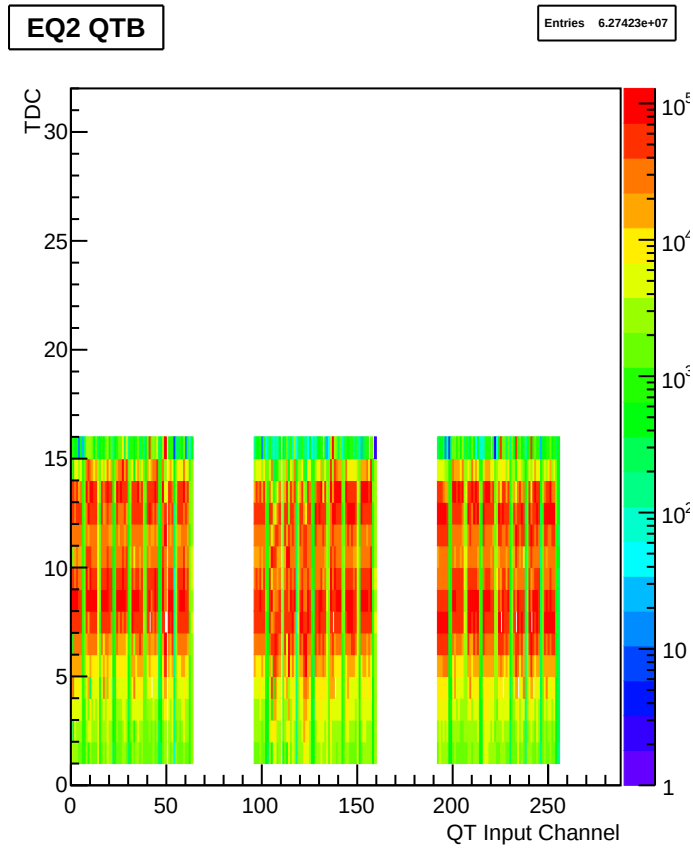

EQ1 QTB
Entries 2.040788e+08
ADC
QT Input Channel

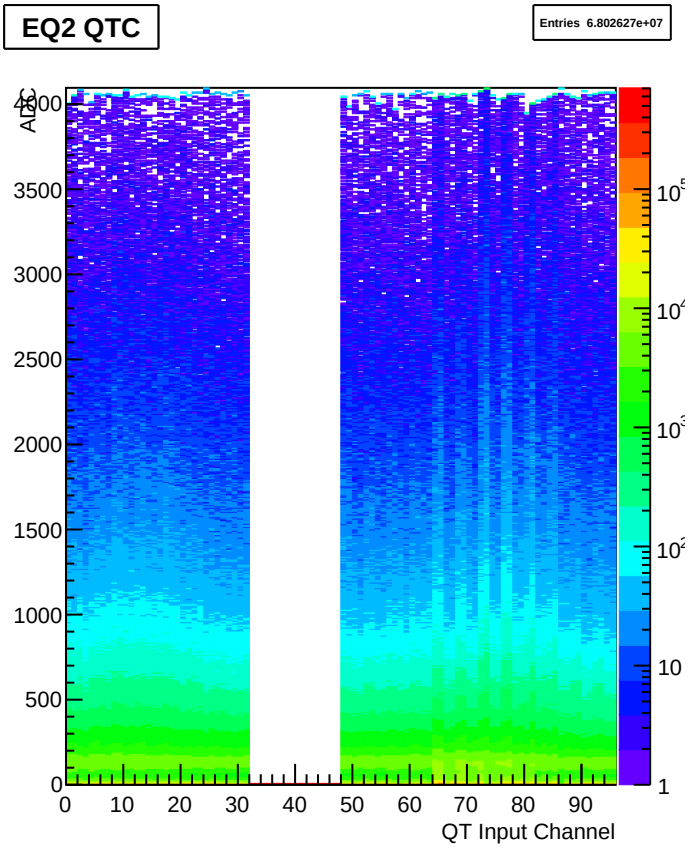

EQ1 QTB
Entries 7.145655e+07
TDC
QT Input Channel

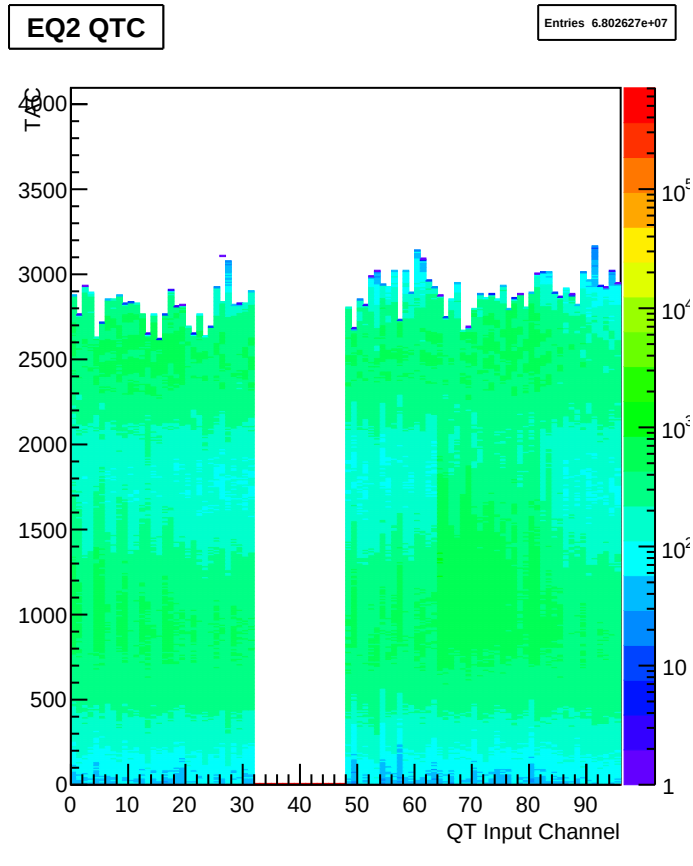

EQ1 QTC
Entries 6.802627e+07
ADC
QT Input Channel

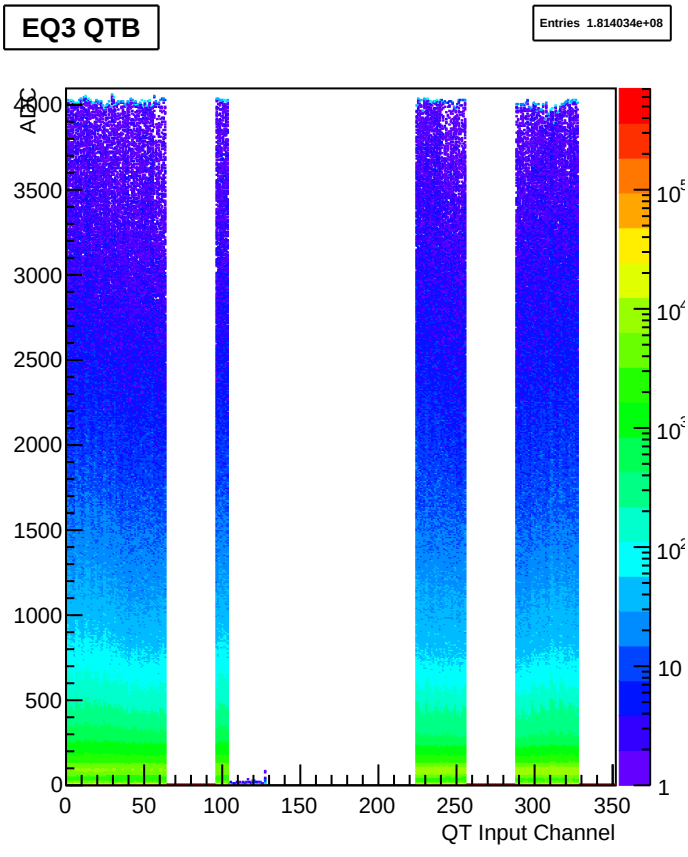

EQ1 QTC
Entries 6.802627e+07
TADC
QT Input Channel

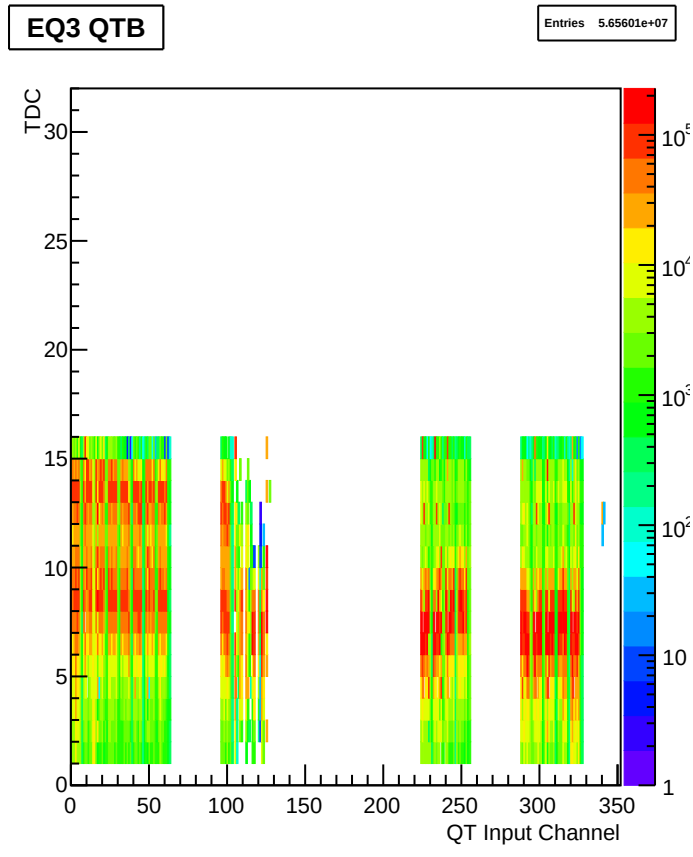

EQ2 QTB
Entries 2.040788e+08
ADC
QT Input Channel

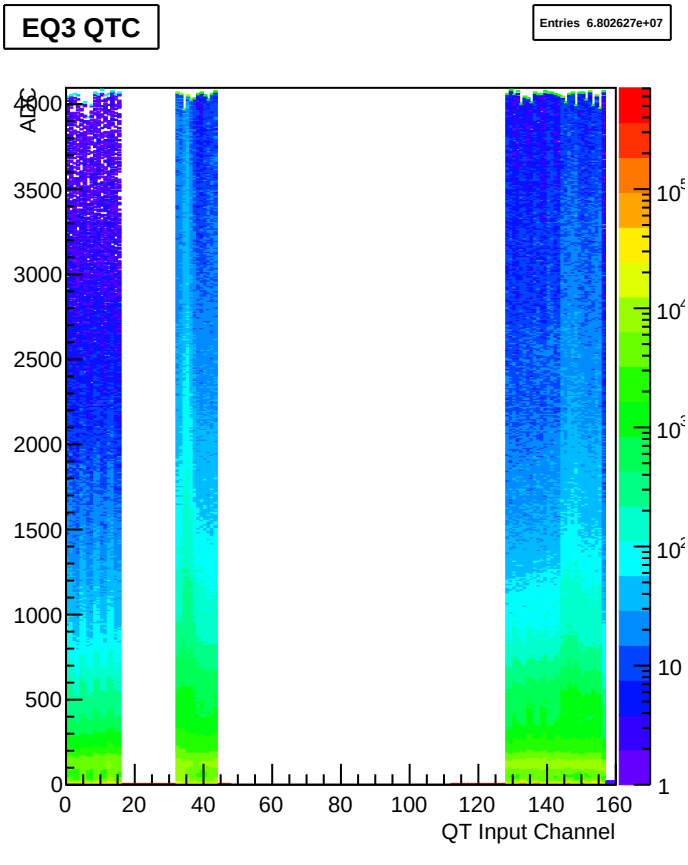

EQ2 QTB
Entries 6.27423e+07
TDC
QT Input Channel

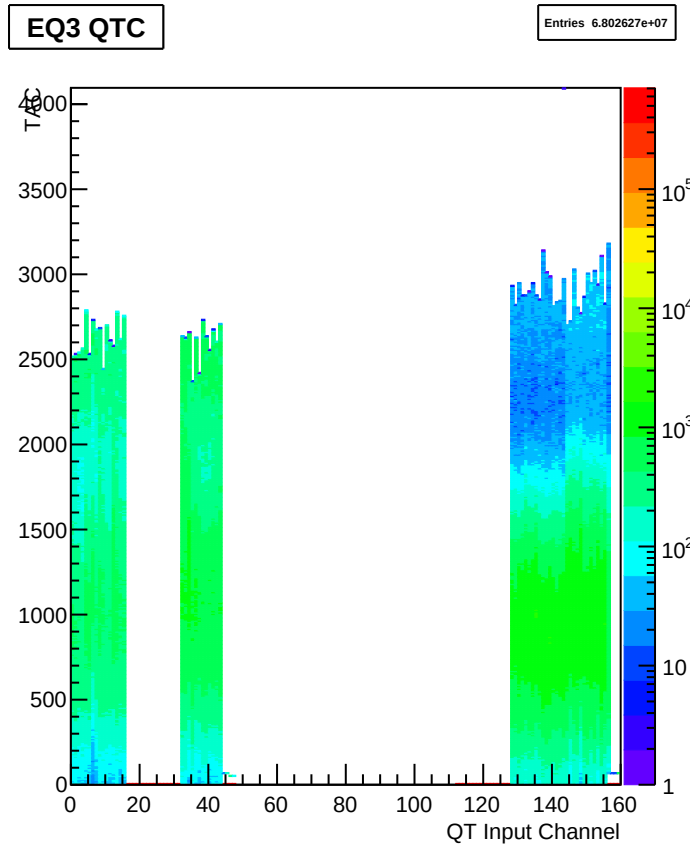

EQ2 QTC
Entries 6.802627e+07
ADC
QT Input Channel

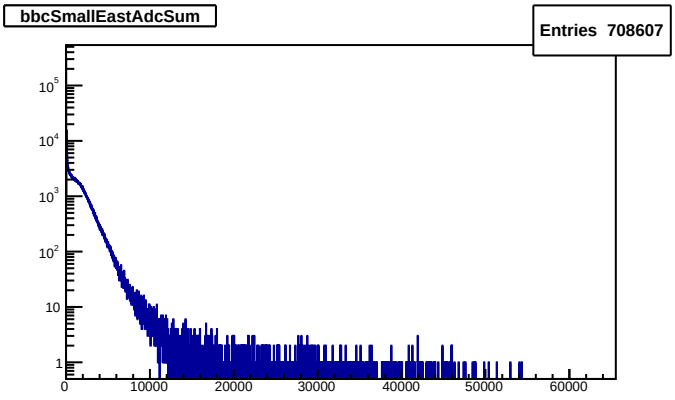

EQ2 QTC
Entries 6.802627e+07
TADC
QT Input Channel

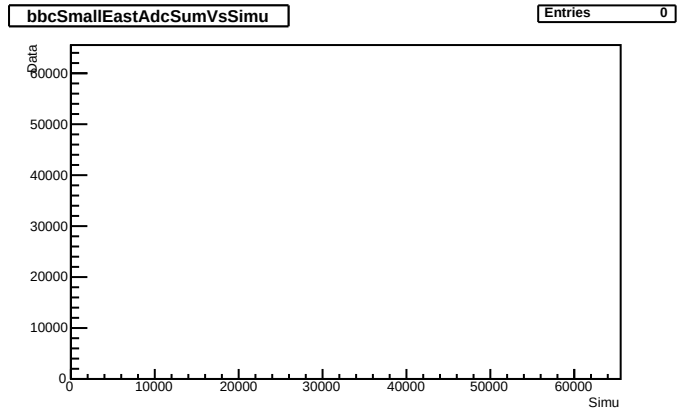

EQ3 QTB
Entries 1.814034e+08
ADC
QT Input Channel

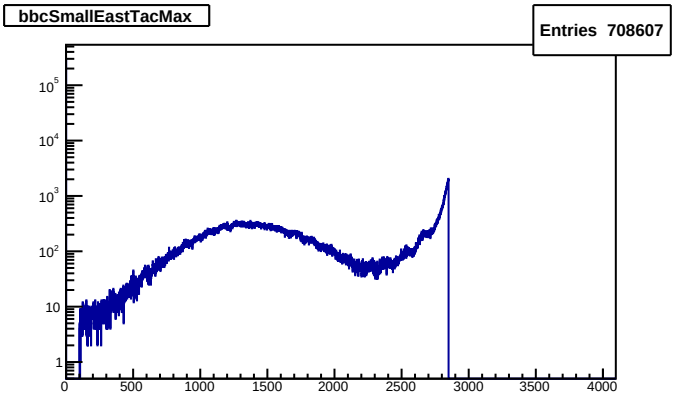

EQ3 QTB
Entries 5.65601e+07
TDC
QT Input Channel

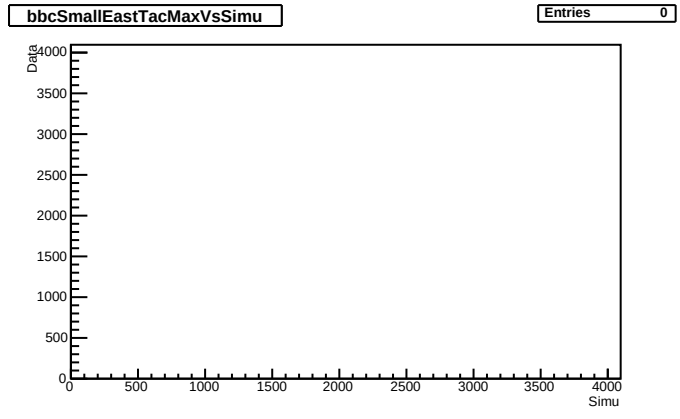

EQ3 QTC
Entries 6.802627e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.802627e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 708607


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 708607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Entries 0
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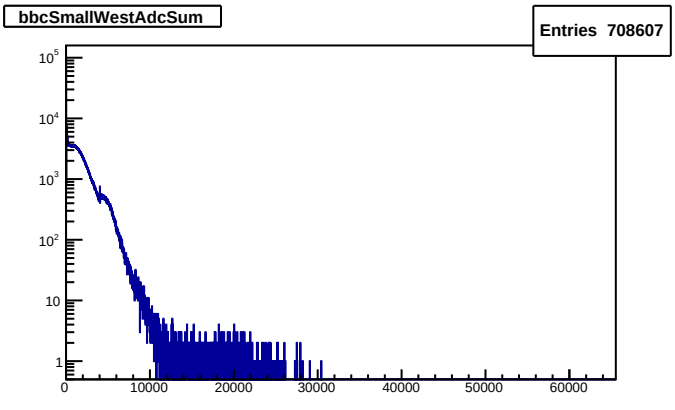
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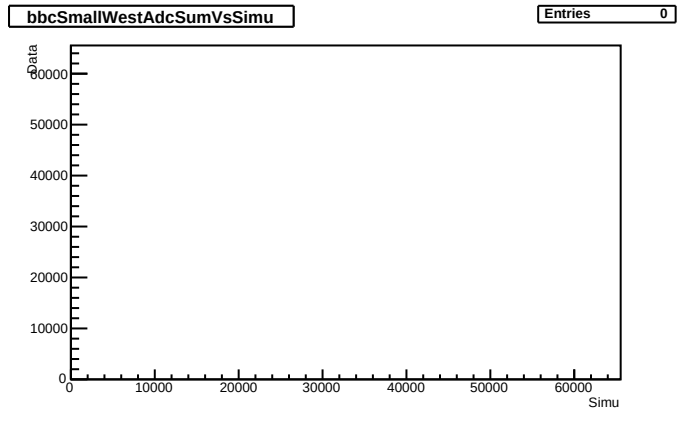
Entries 708607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Entries 0
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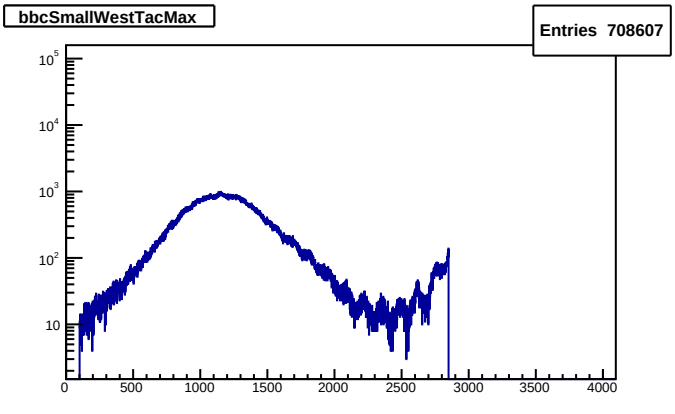
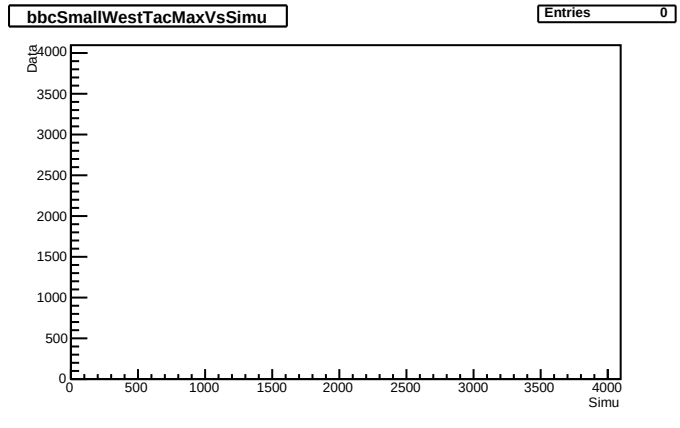
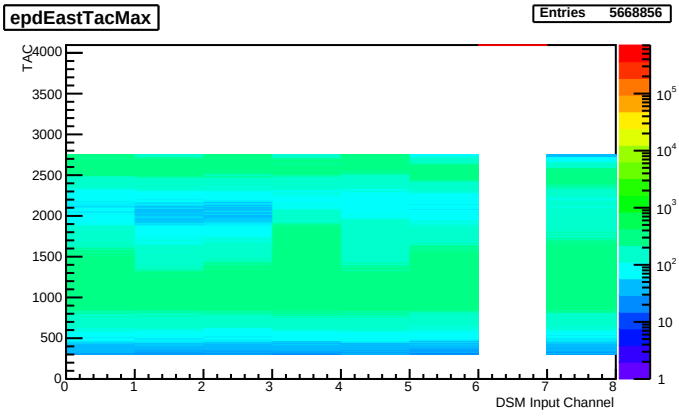
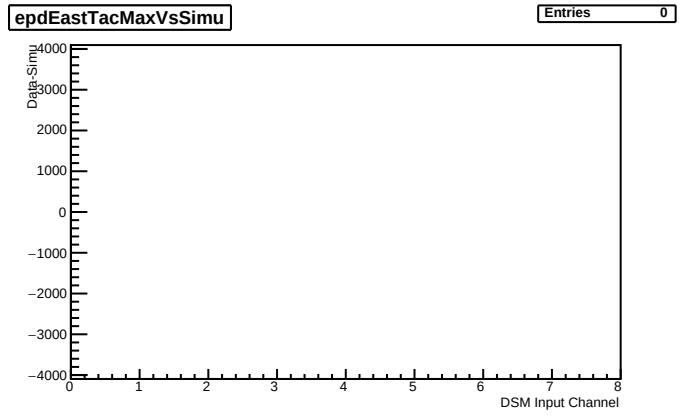
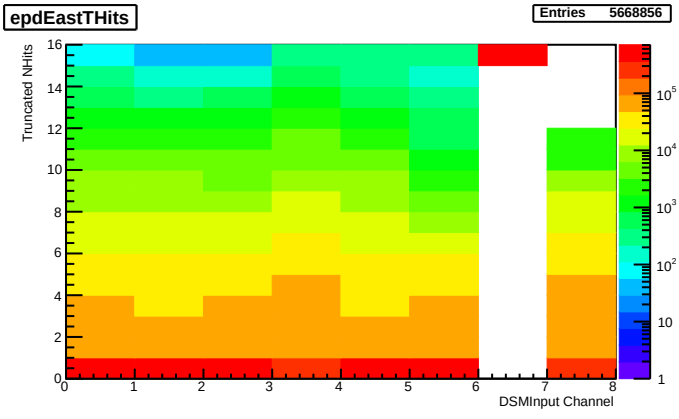

bbcSmallWestTacMax
Entries 708607


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5668856
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 5668856
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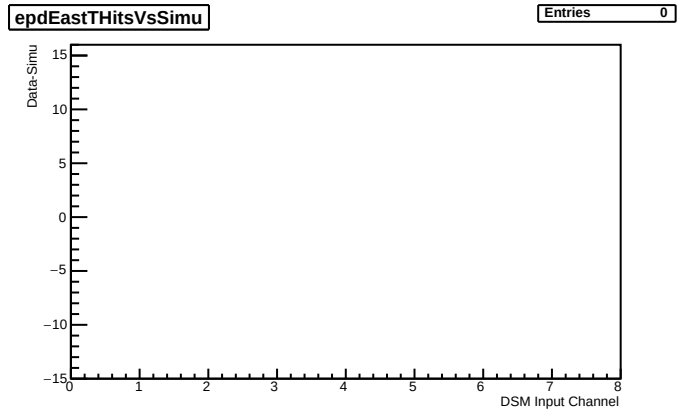
DSMInput Channel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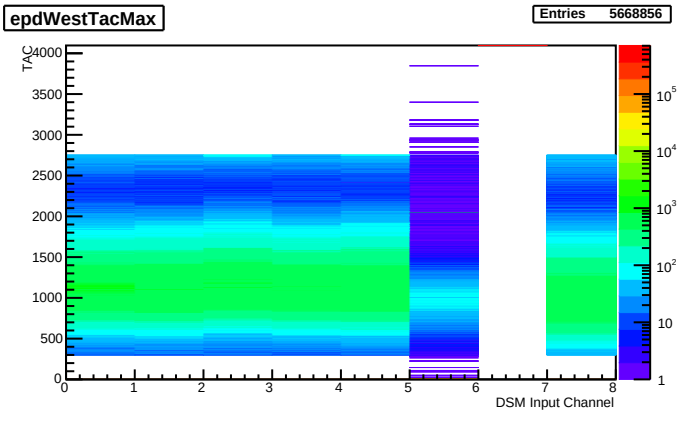
DSM Input Channel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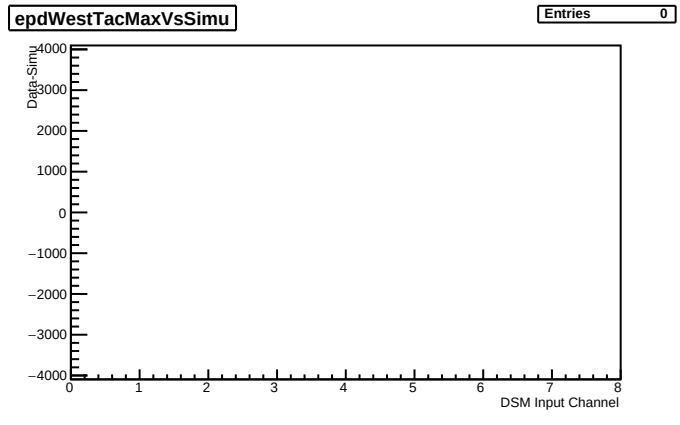
Entries 5668856
TAC
DSM Input Channel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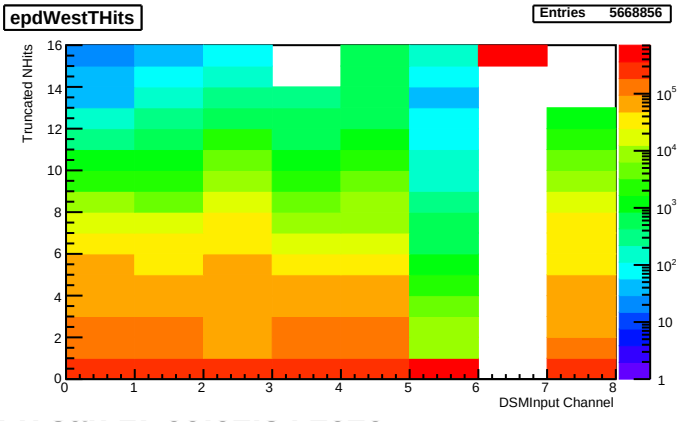
DSM Input Channel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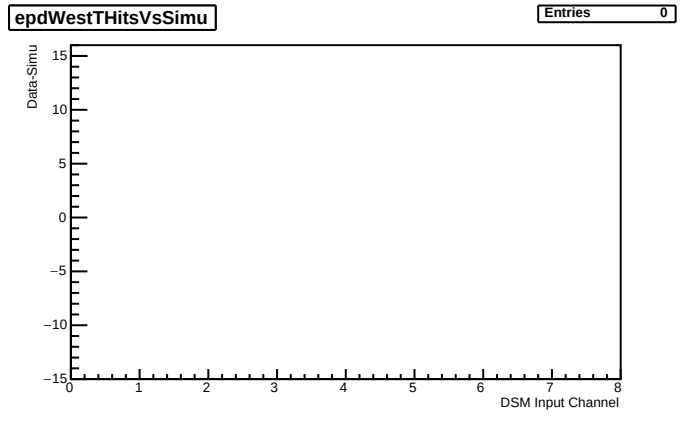
Entries 5668856
Truncated NHits
DSMInput Channel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Entries 0
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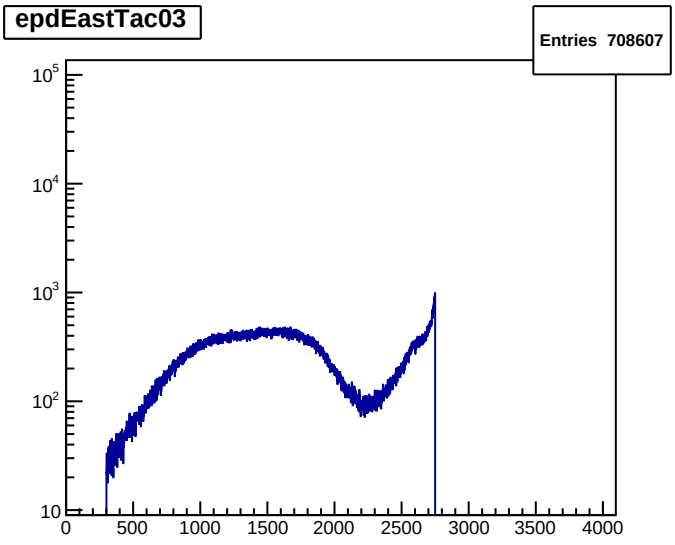
DSM Input Channel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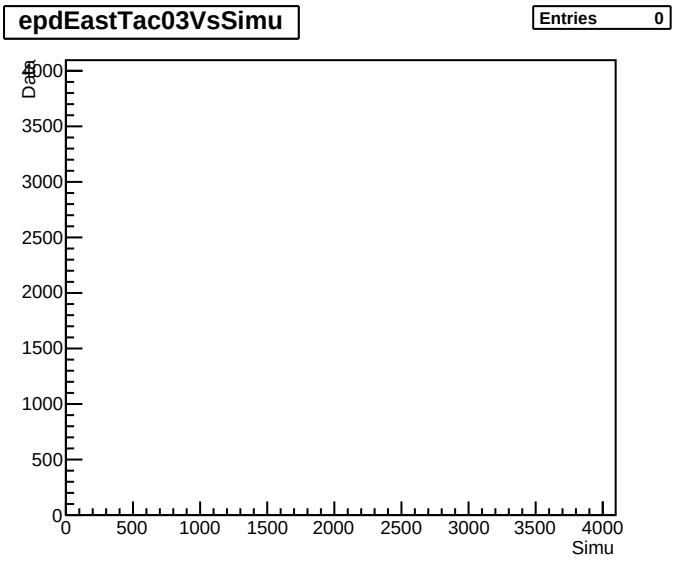
Entries 708607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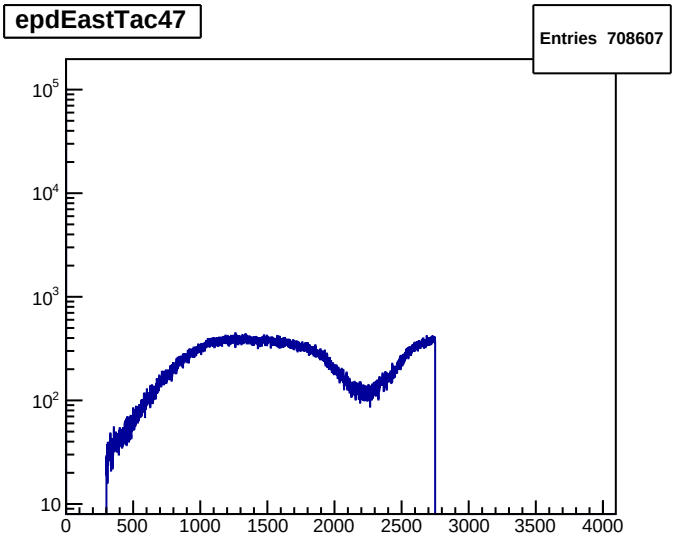
Entries 0
Data
Simu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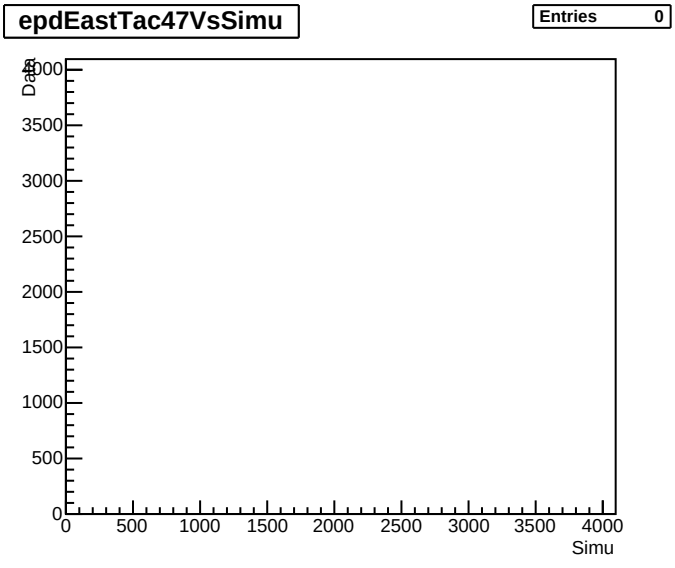
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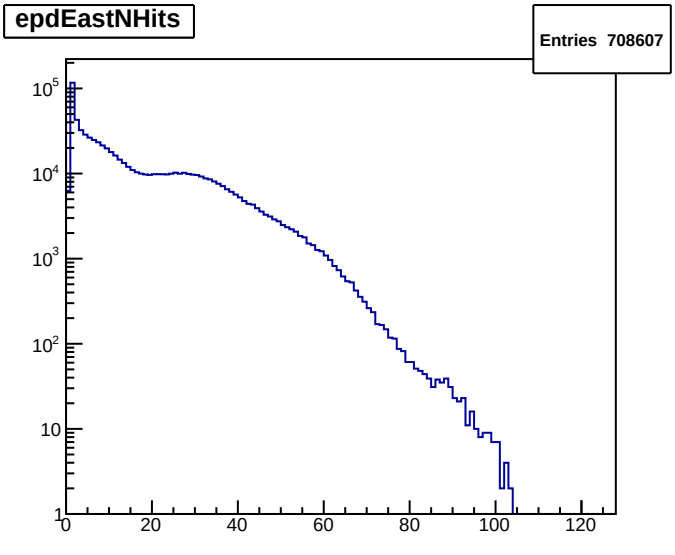
Entries 0
Data
Simu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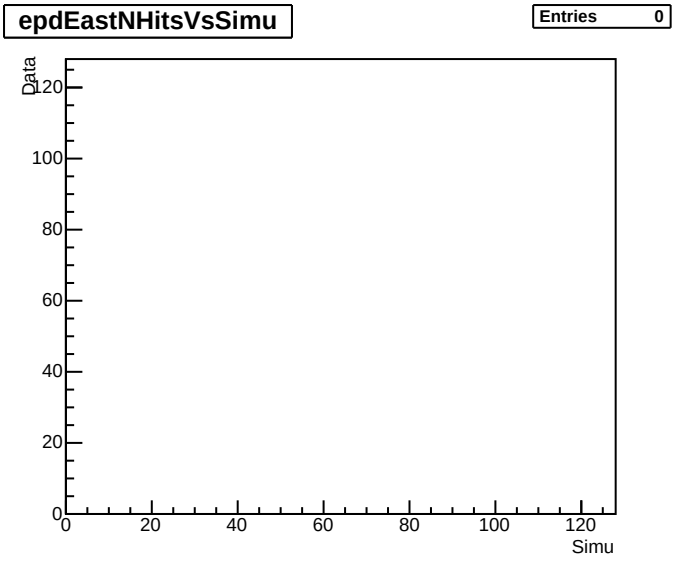
Entries 708607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Entries 0
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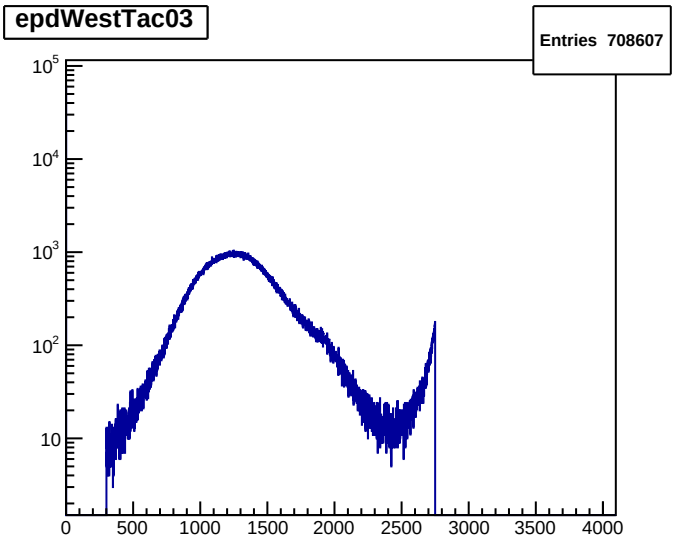
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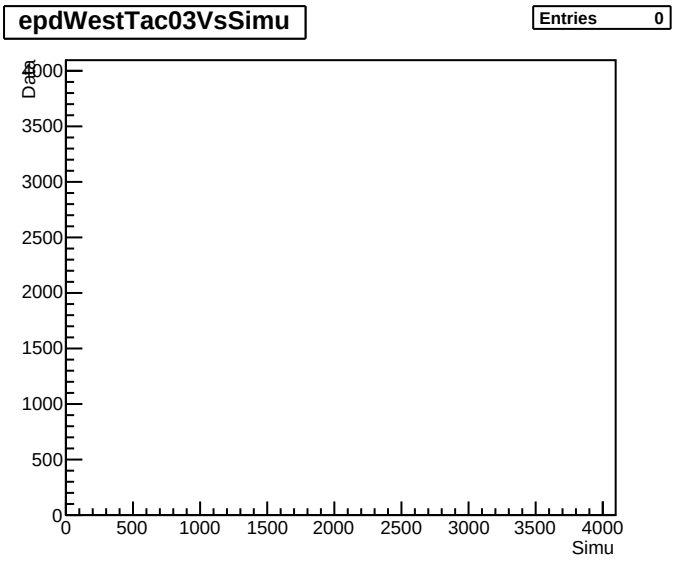
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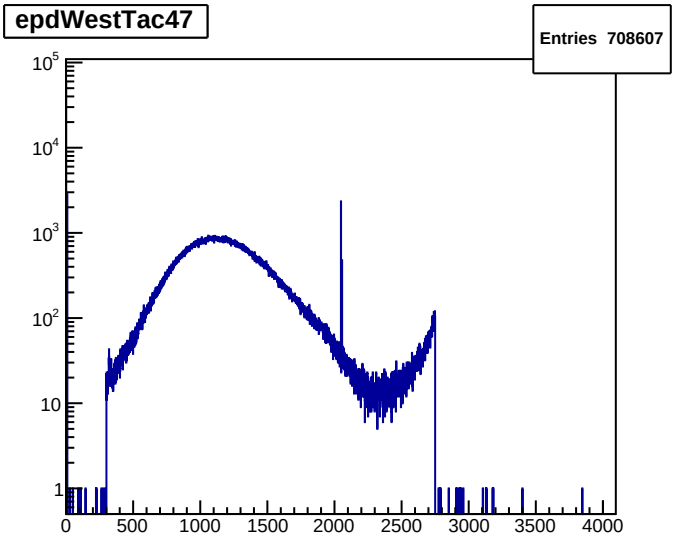
Simu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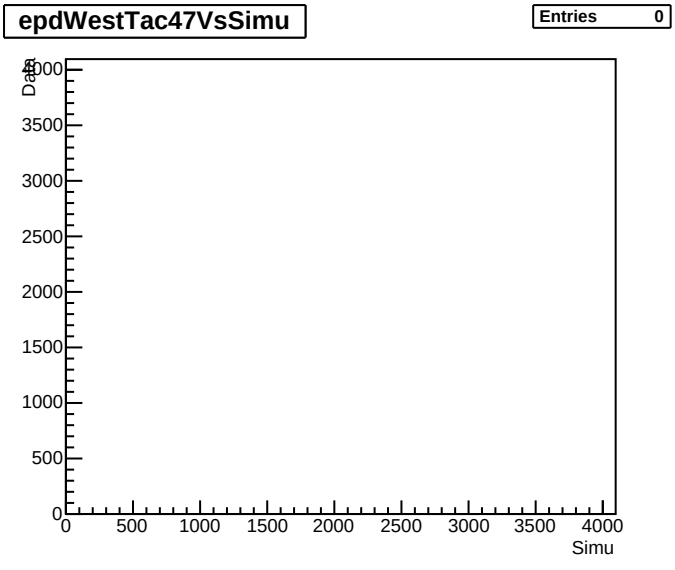
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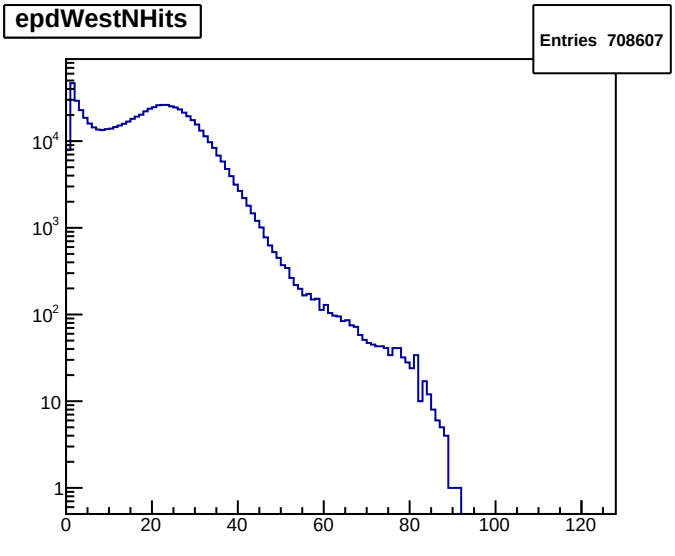
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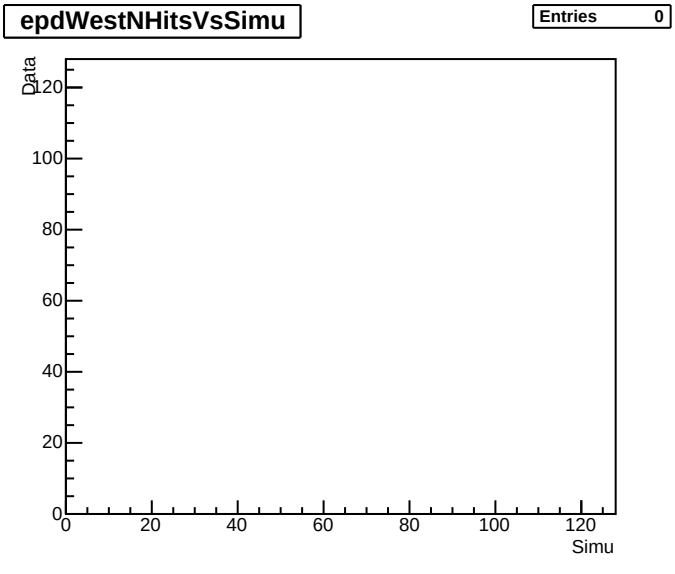
Entries 708607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Entries 0
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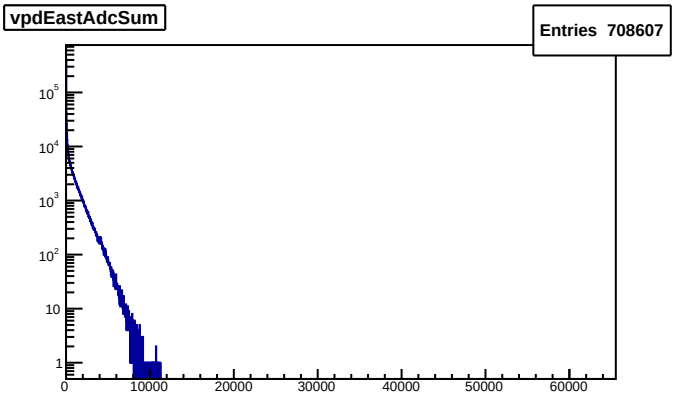
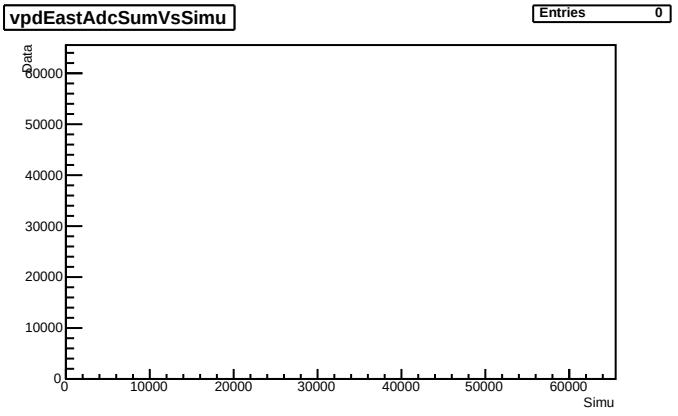

vpdEastAdcSum
Entries 708607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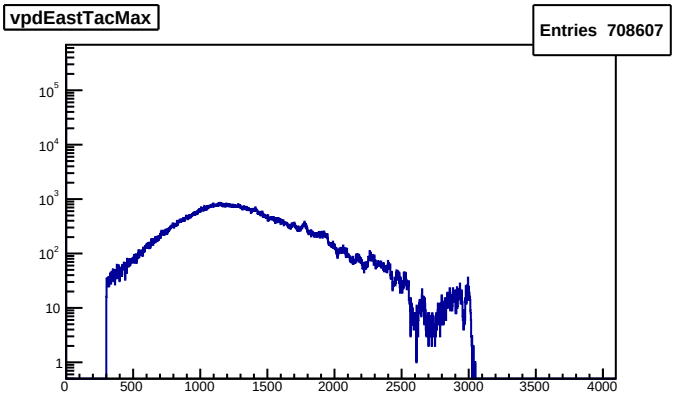
Entries 0
Data
Simu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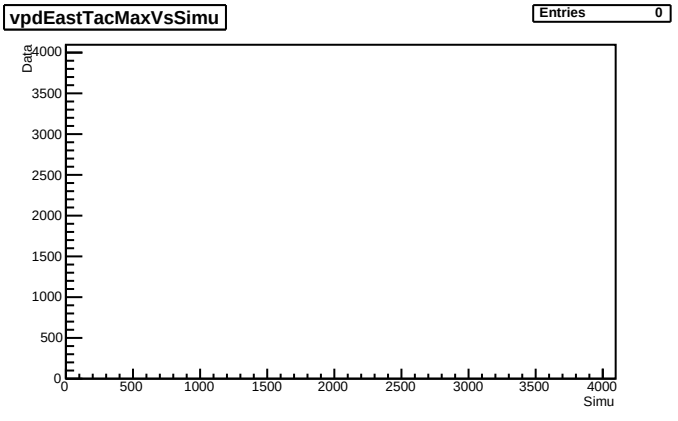
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Entries 0
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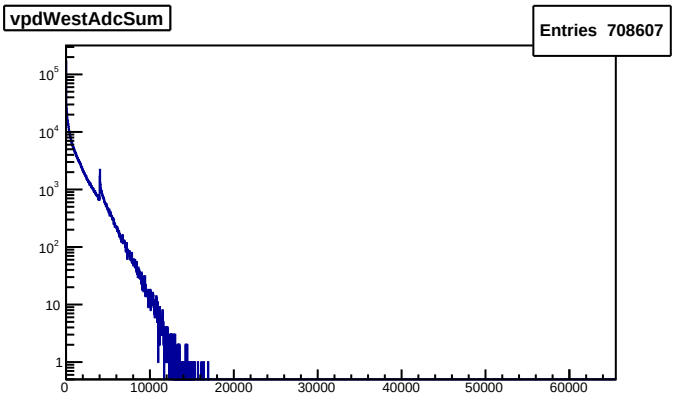
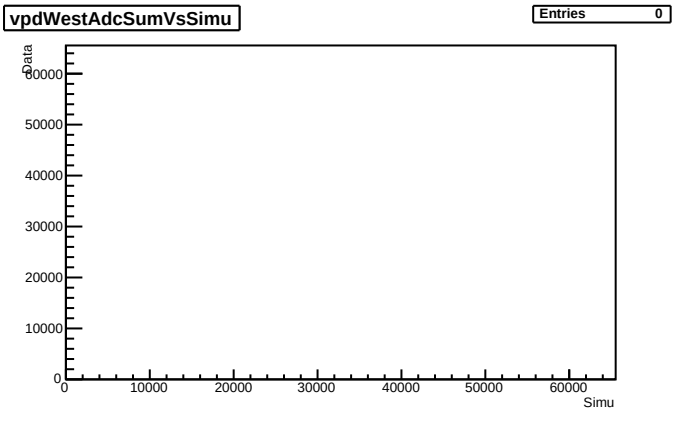

vpdWestAdcSum
Entries 708607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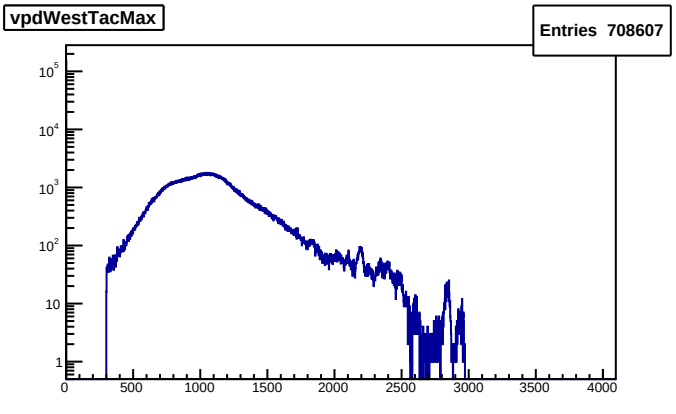
Entries 0
Data
Simu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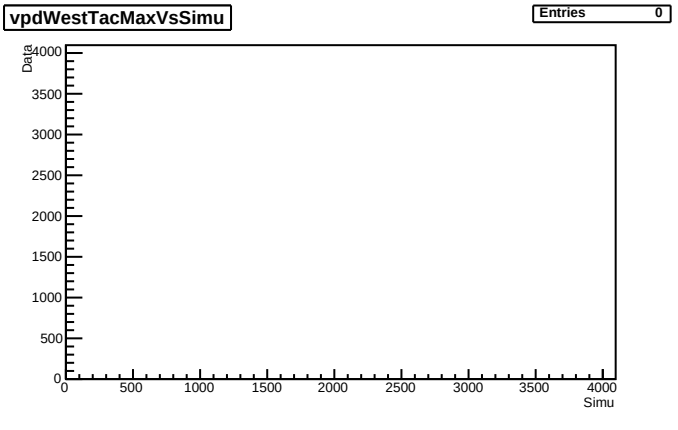
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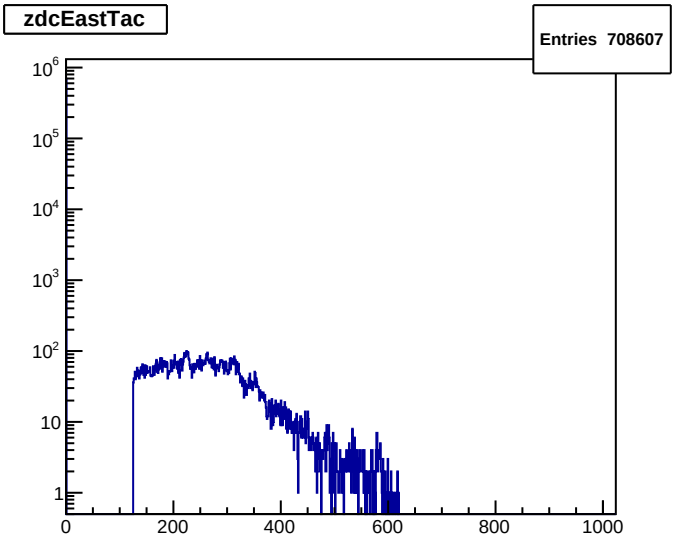
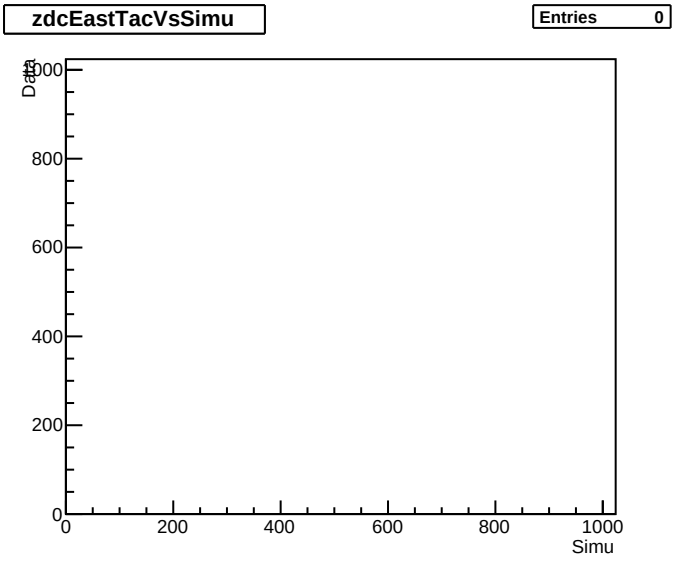
Entries 0
Data
Simu


zdcEastTac
Entries 708607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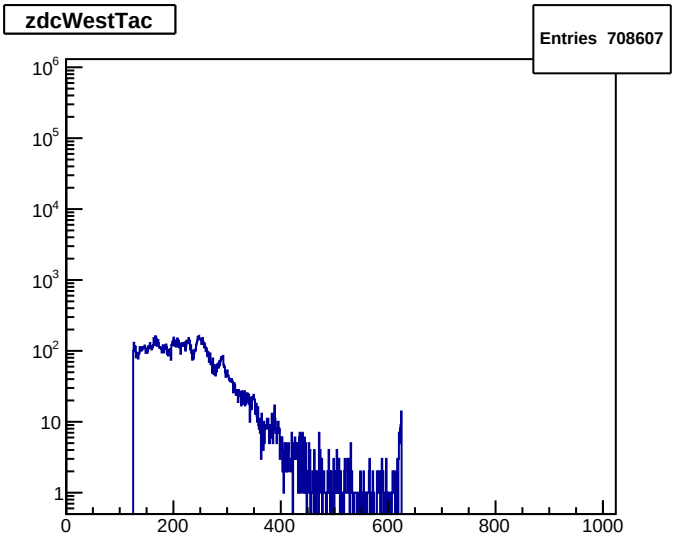
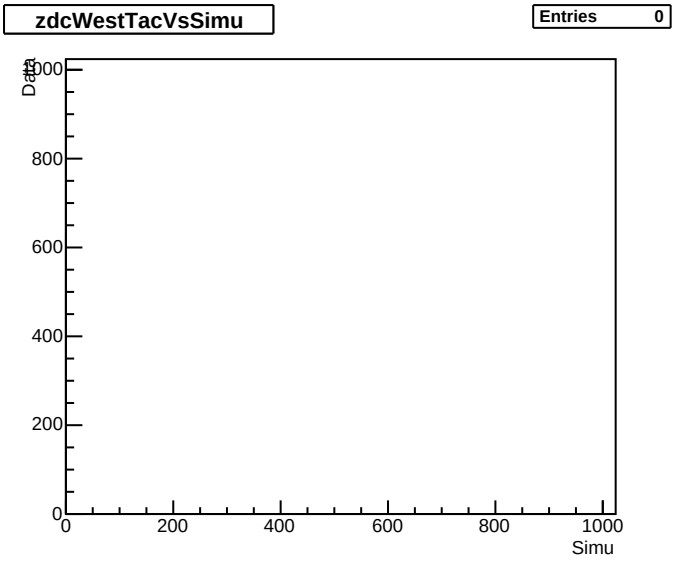
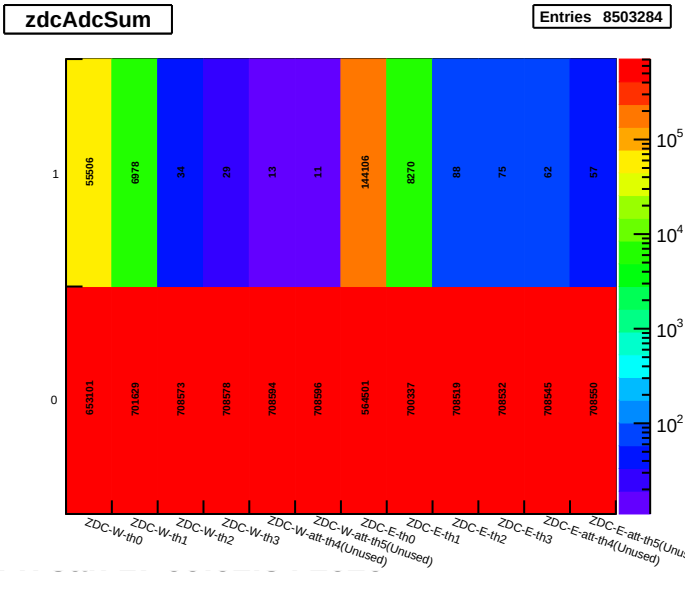
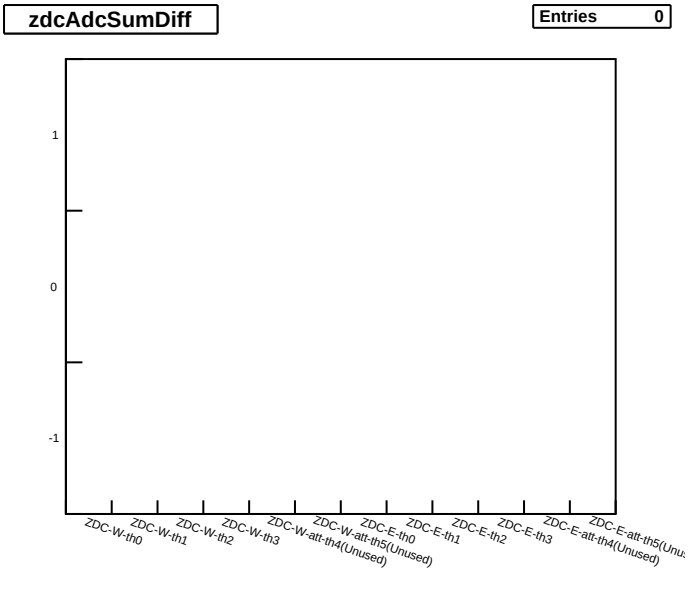
Entries 0
Data
Simu


zdcWestTac
Entries 708607


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8503284
55506
6878
34
29
13
11
144106
8270
88
75
62
57
653101
701629
708573
708578
708594
708596
564501
700337
708519
708532
708545
708560
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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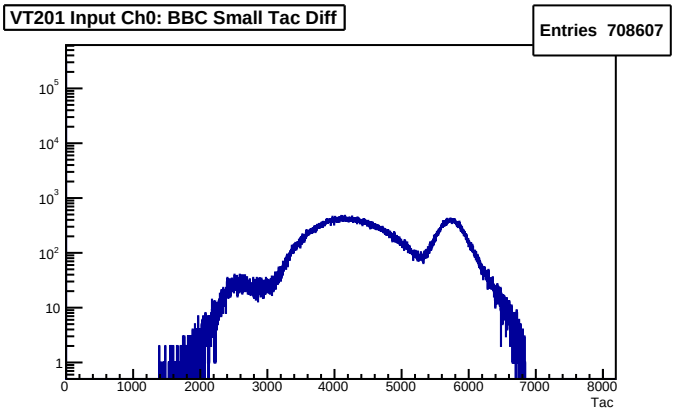
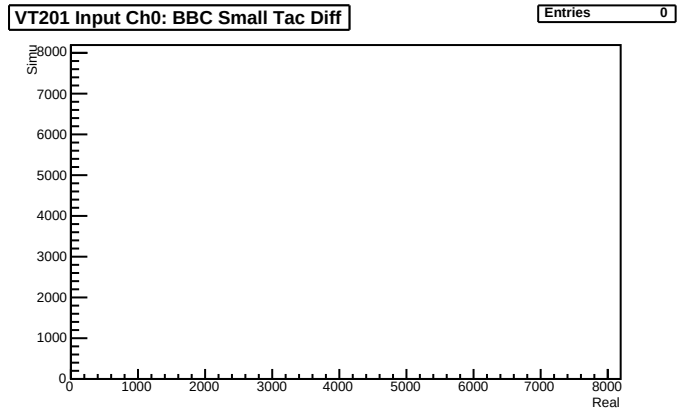
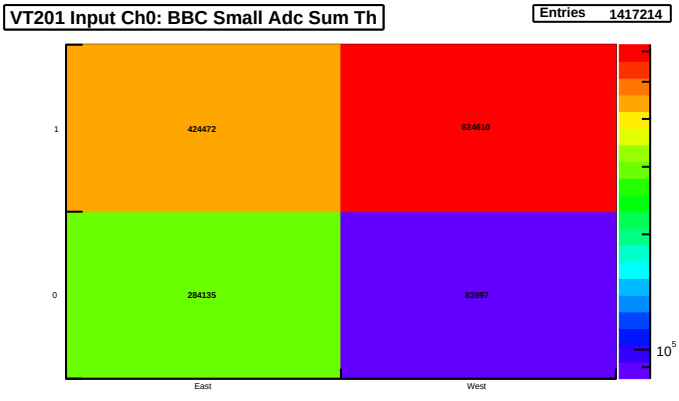
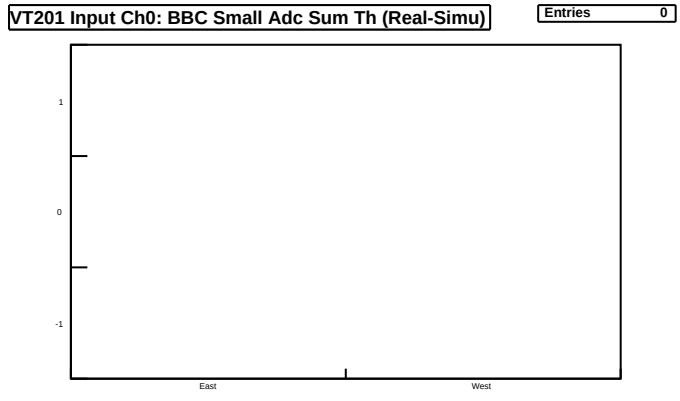
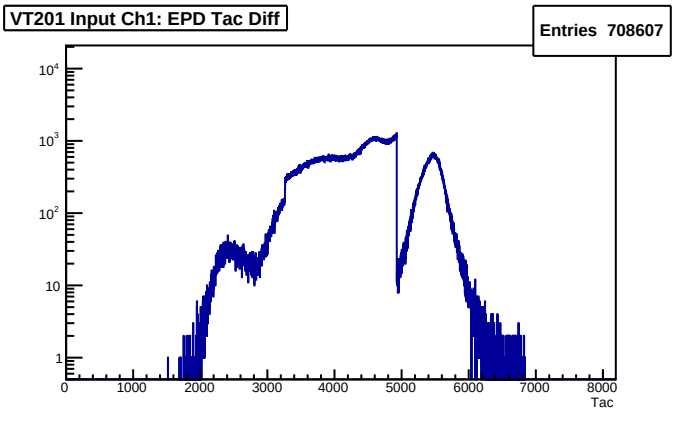
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

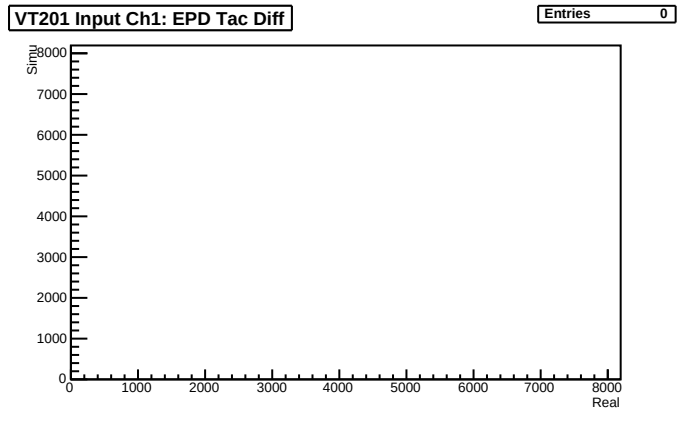

VT201 Input Ch0: BBC Small Tac Diff
Entries 708607
Tac

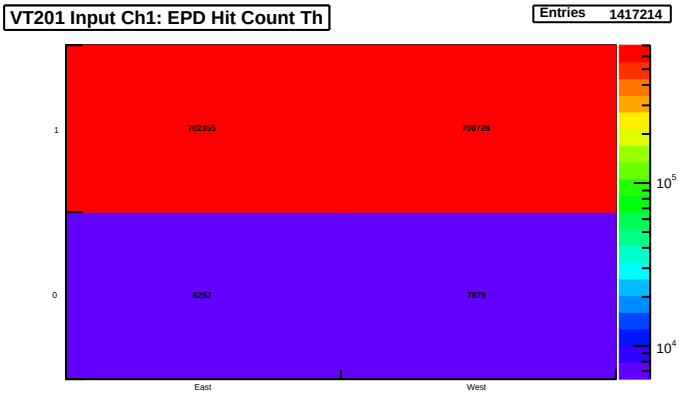

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

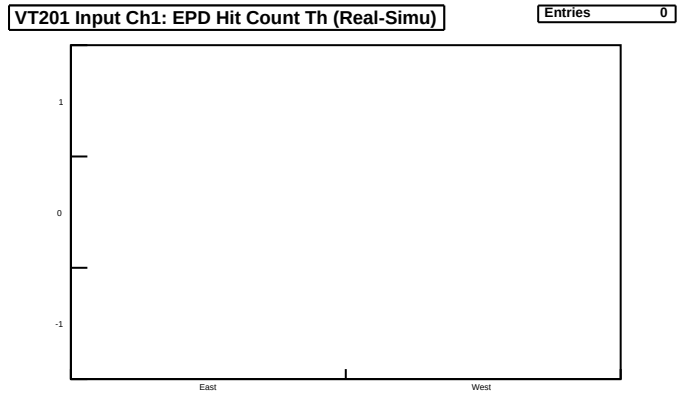

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1417214
424472
624610
284135
83997
East
West

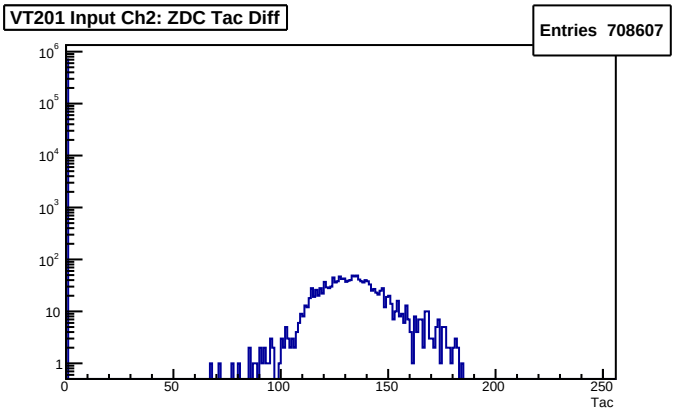

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

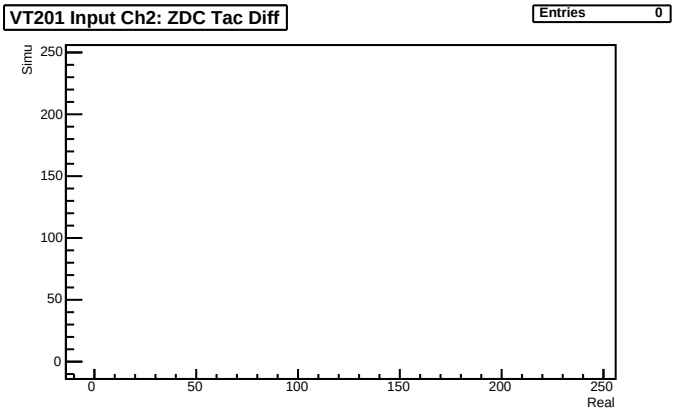

VT201 Input Ch1: EPD Tac Diff
Entries 708607
Tac

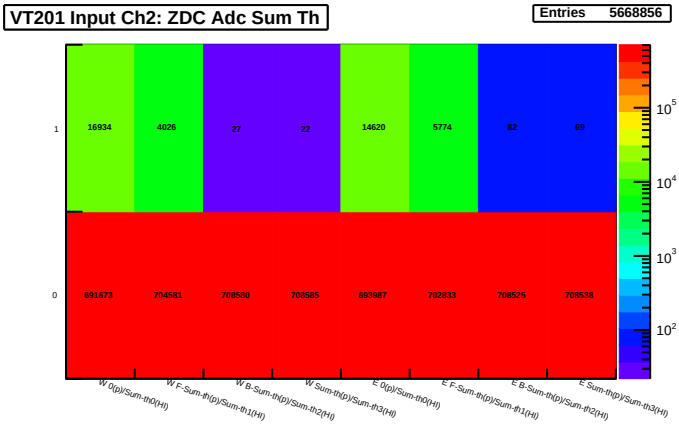

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

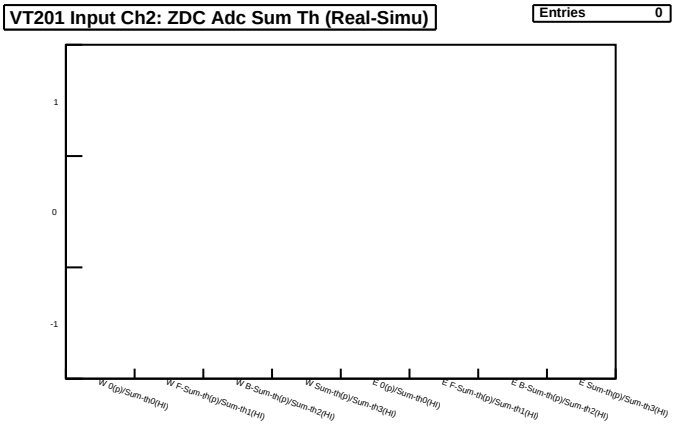

VT201 Input Ch1: EPD Hit Count Th
Entries 1417214
702355
700728
6252
7879
East
West

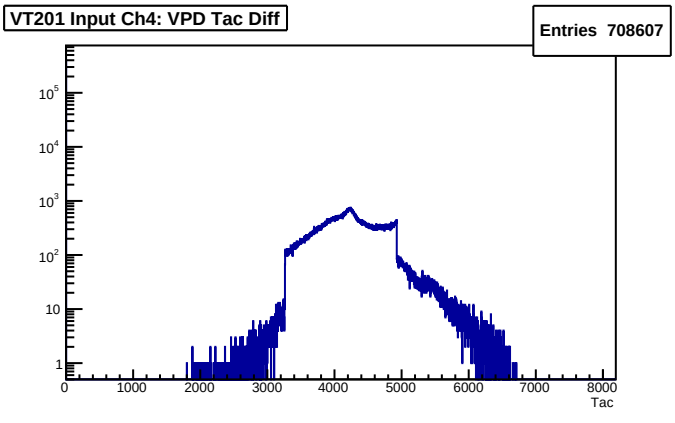

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

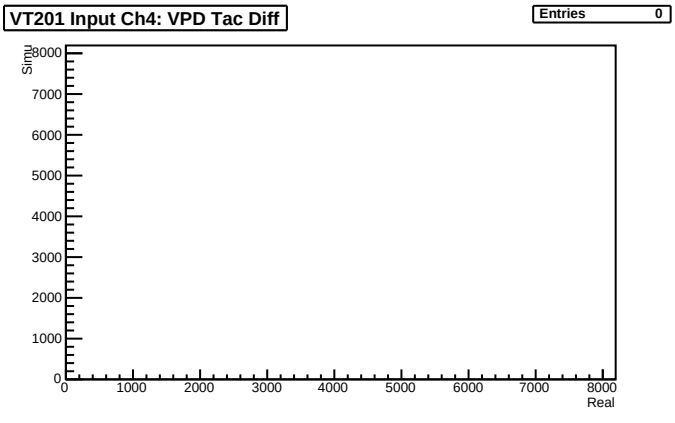

VT201 Input Ch2: ZDC Tac Diff
Entries 708607
Tac

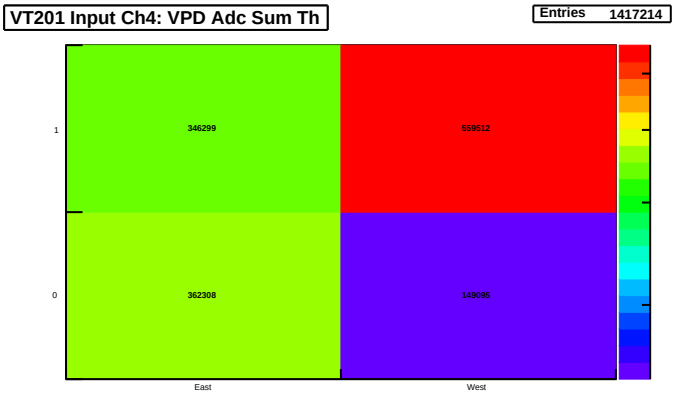

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

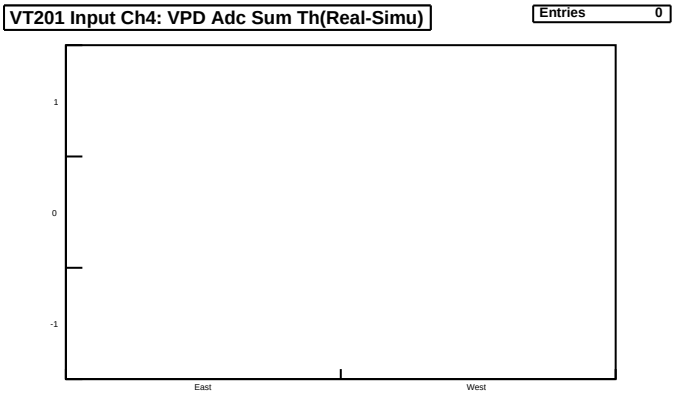

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5668856
16934
4026
27
22
14620
5774
82
69
691673
704581
708580
708585
693987
702833
708525
708538
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

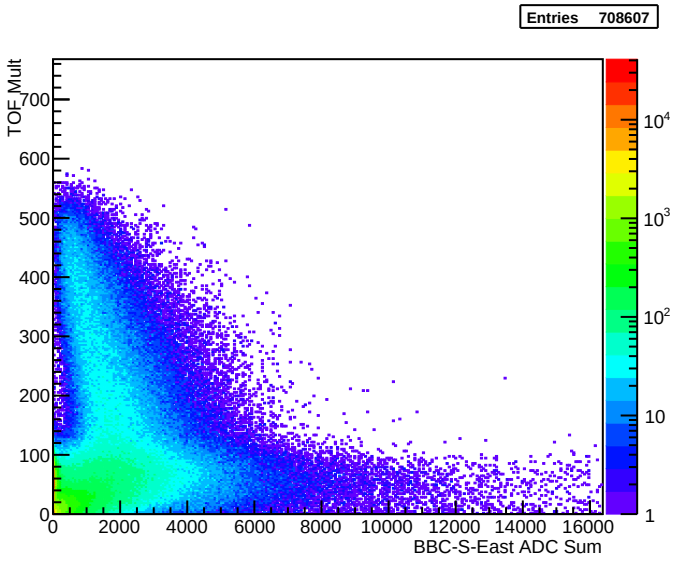

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

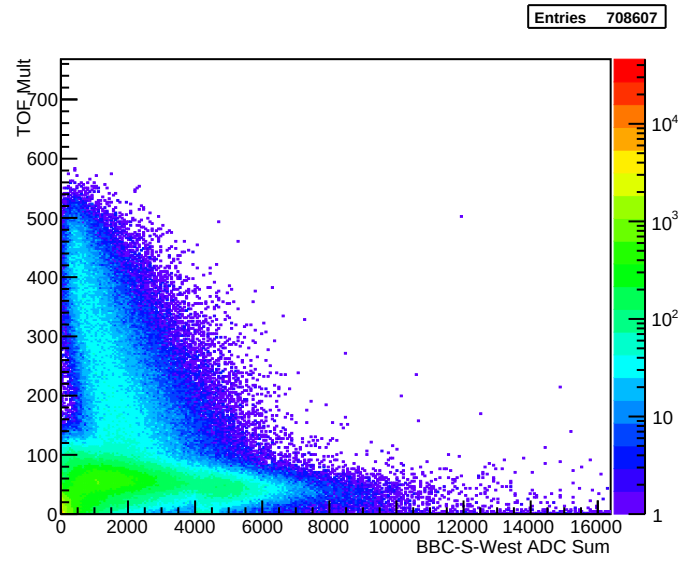

VT201 Input Ch4: VPD Tac Diff
Entries 708607
Tac

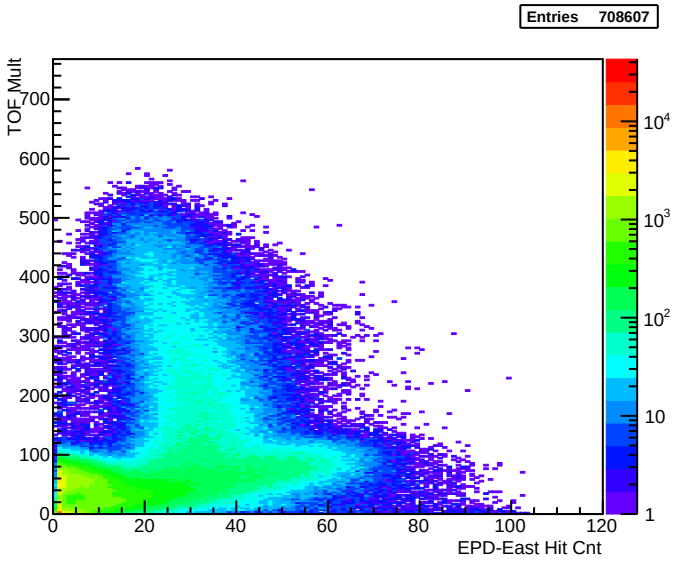

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

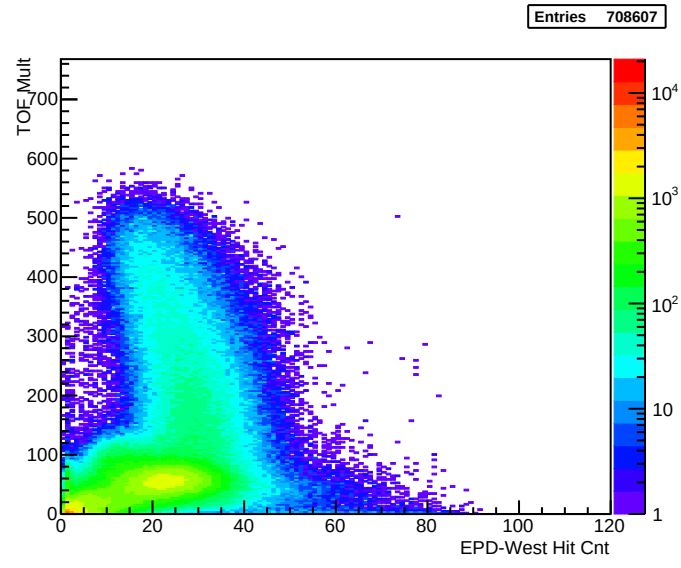

VT201 Input Ch4: VPD Adc Sum Th
Entries 1417214
346299
559512
362308
149095
East
West

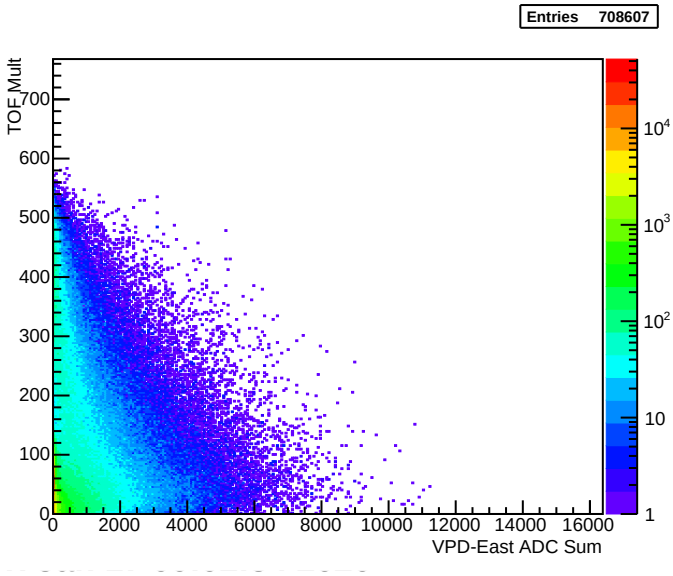

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

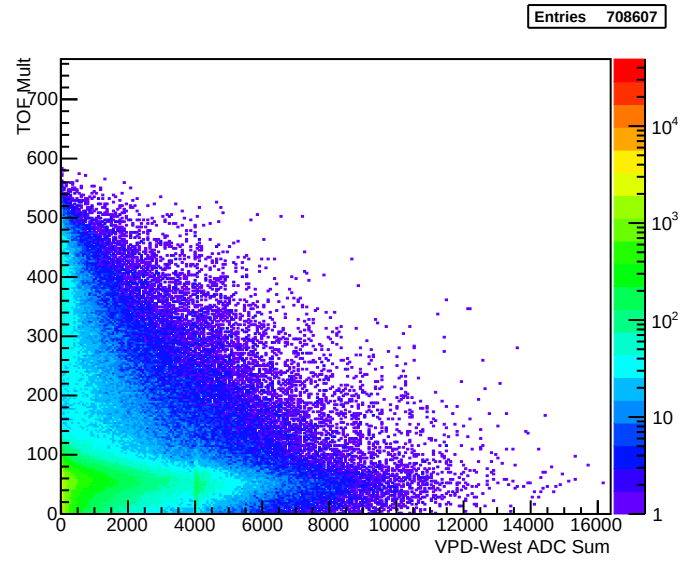

Entries 708607
TOF_Mult
BBC-S-East ADC Sum

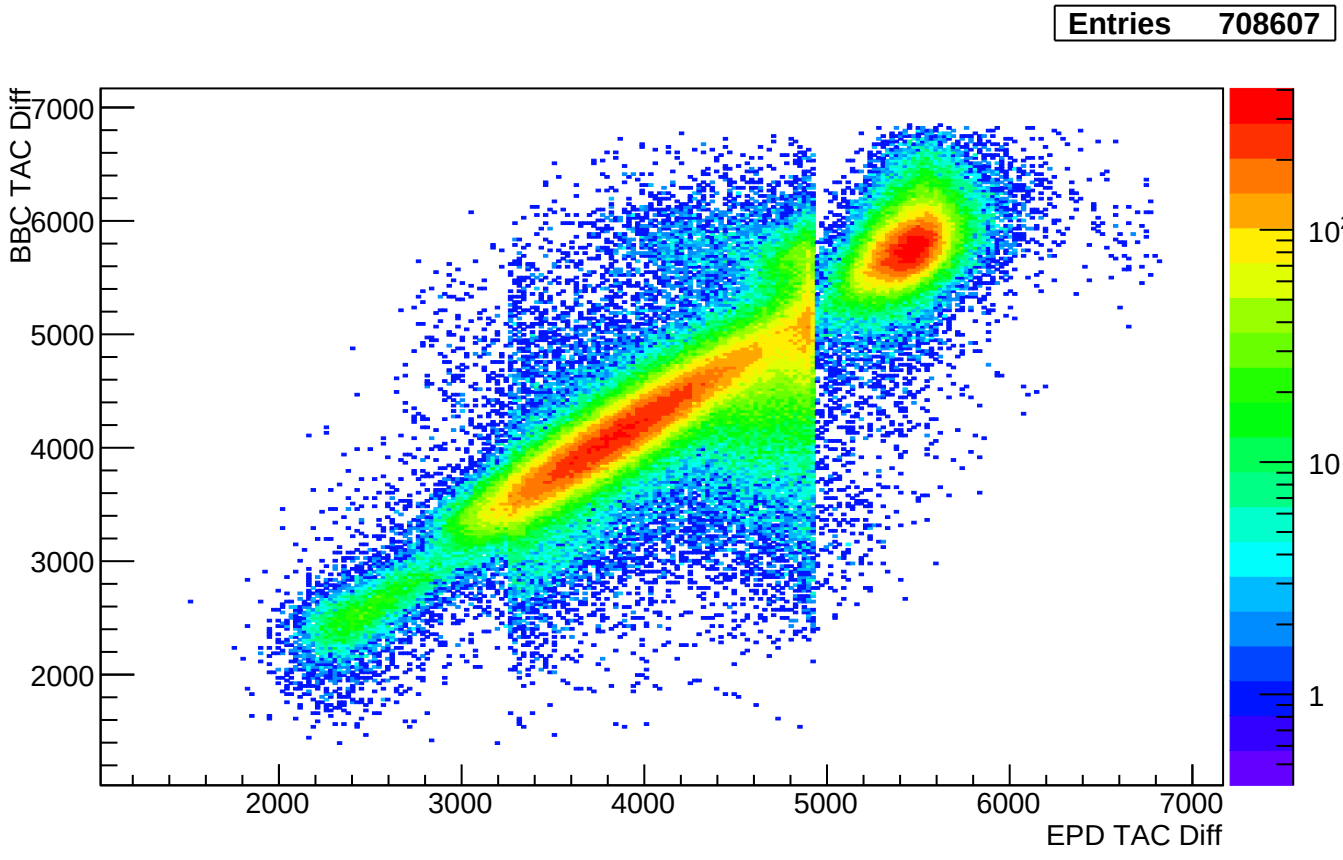

Entries 708607
TOF_Mult
BBC-S-West ADC Sum

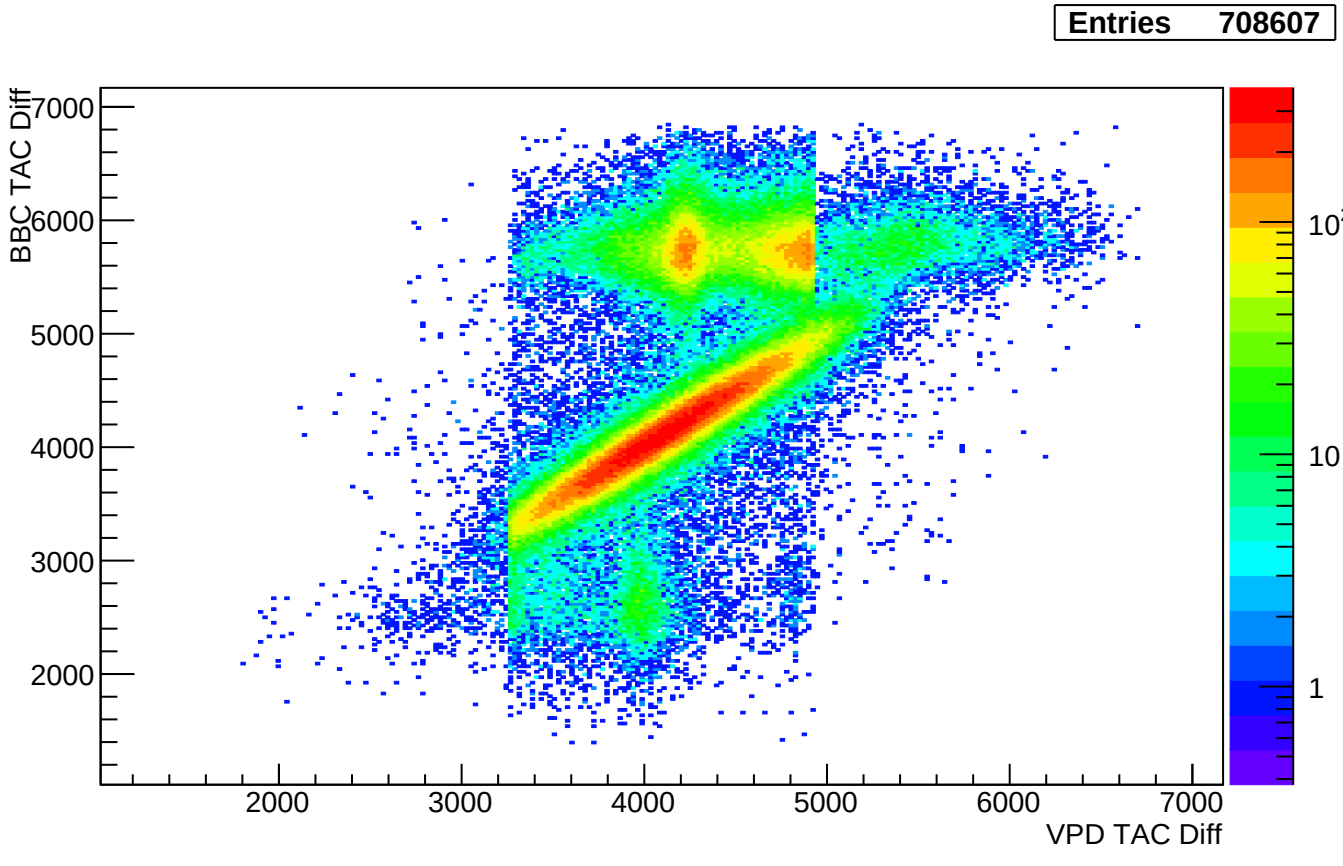

Entries 708607
TOF_Mult
EPD-East Hit Cnt

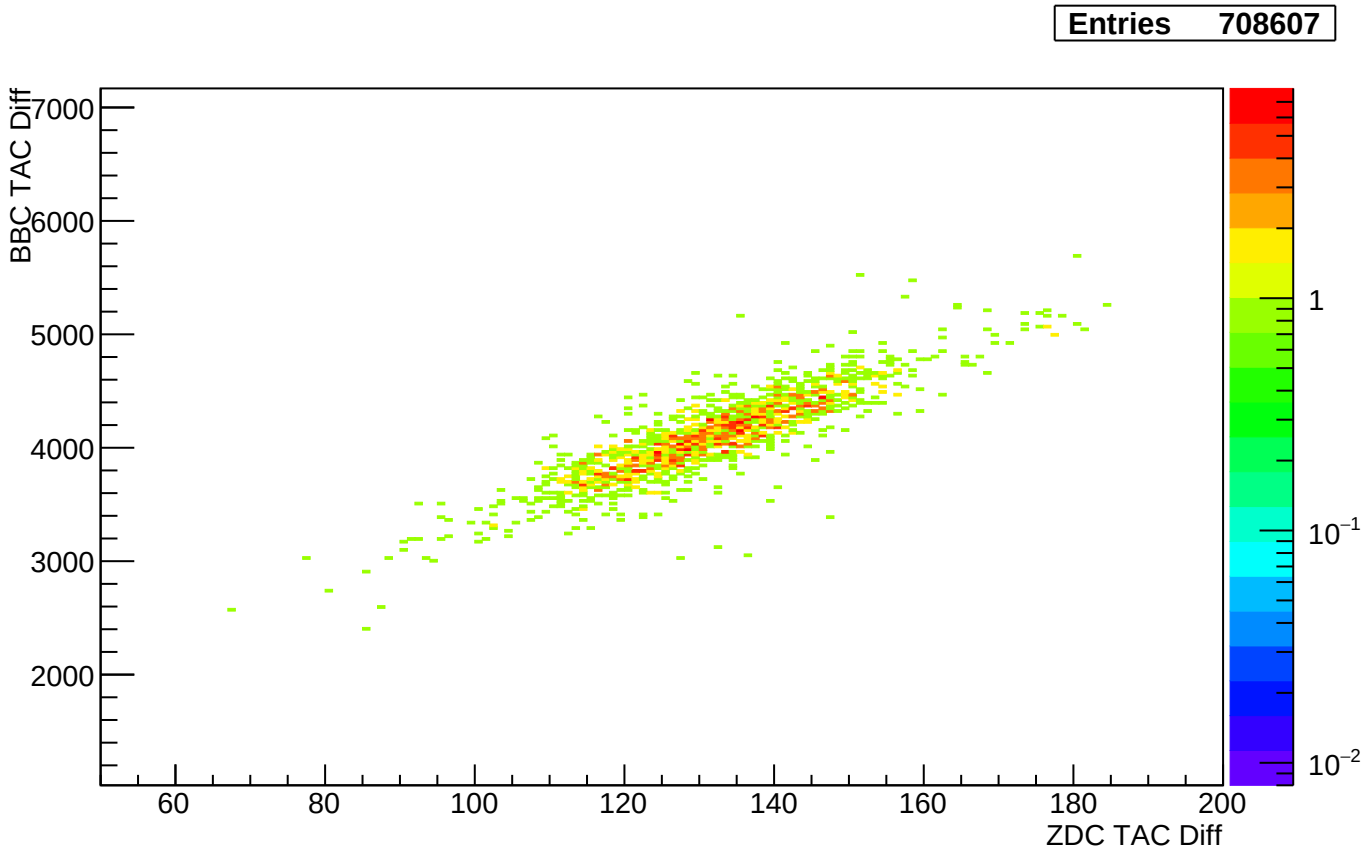

Entries 708607
TOF_Mult
EPD-West Hit Cnt

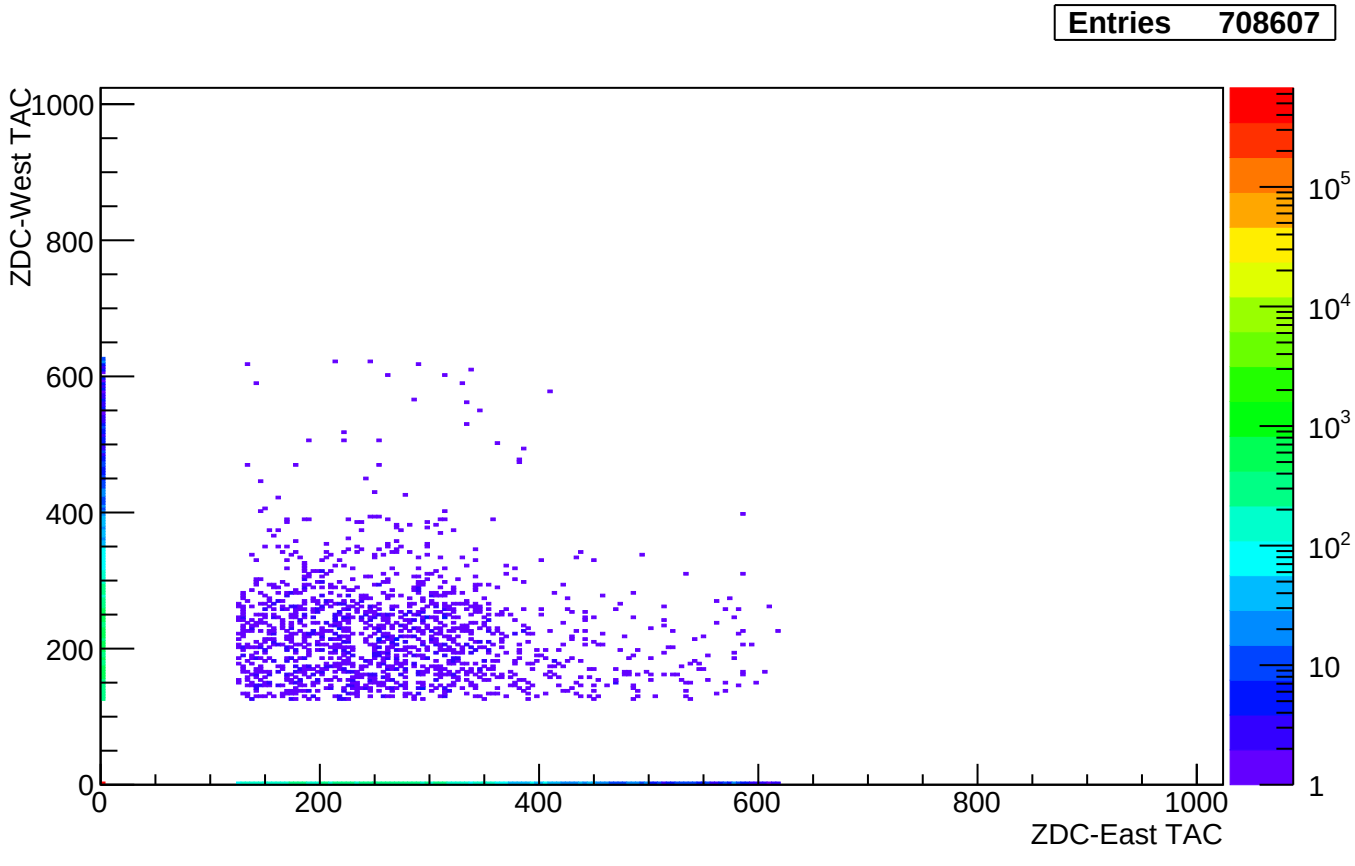

Entries 708607
TOF_Mult
VPD-East ADC Sum

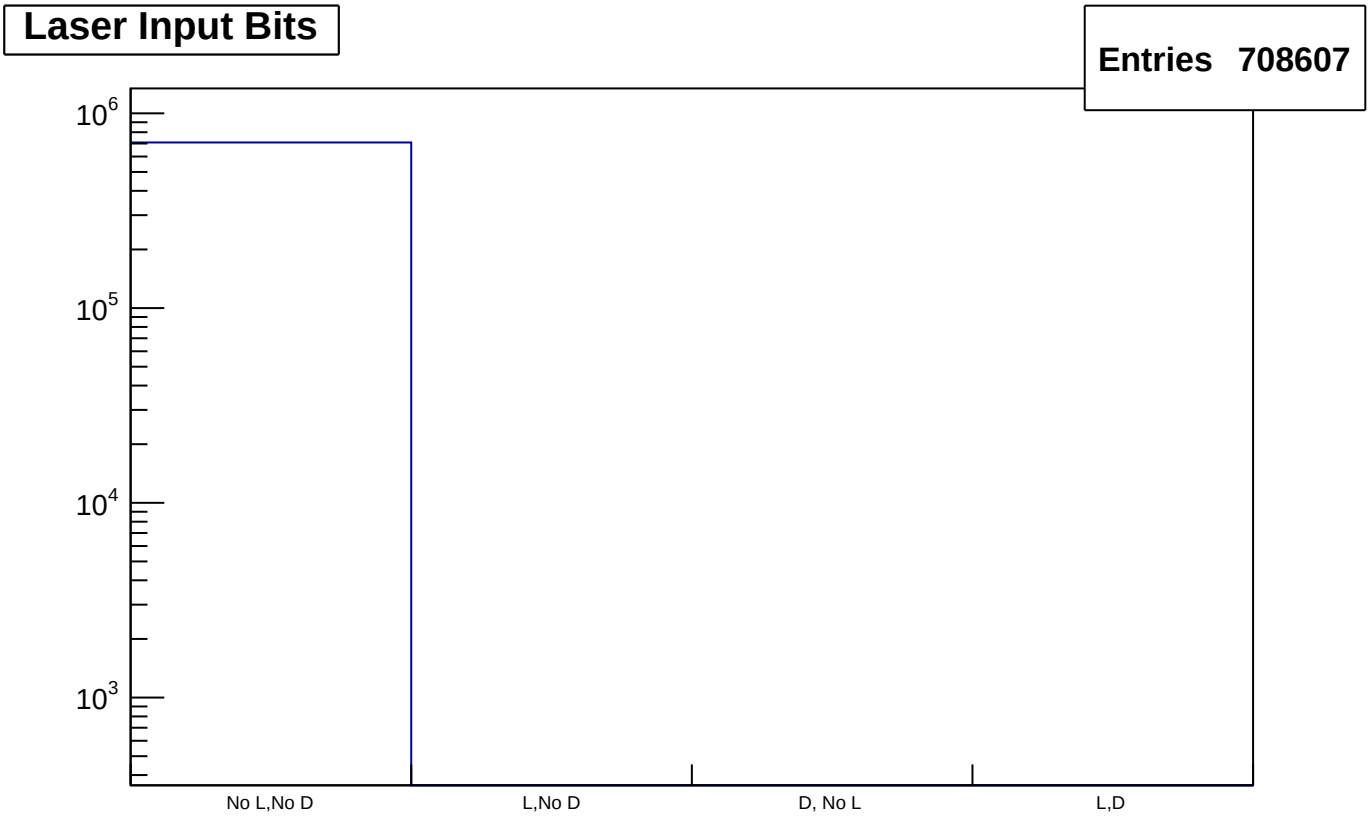

Entries 708607
TOF_Mult
VPD-West ADC Sum

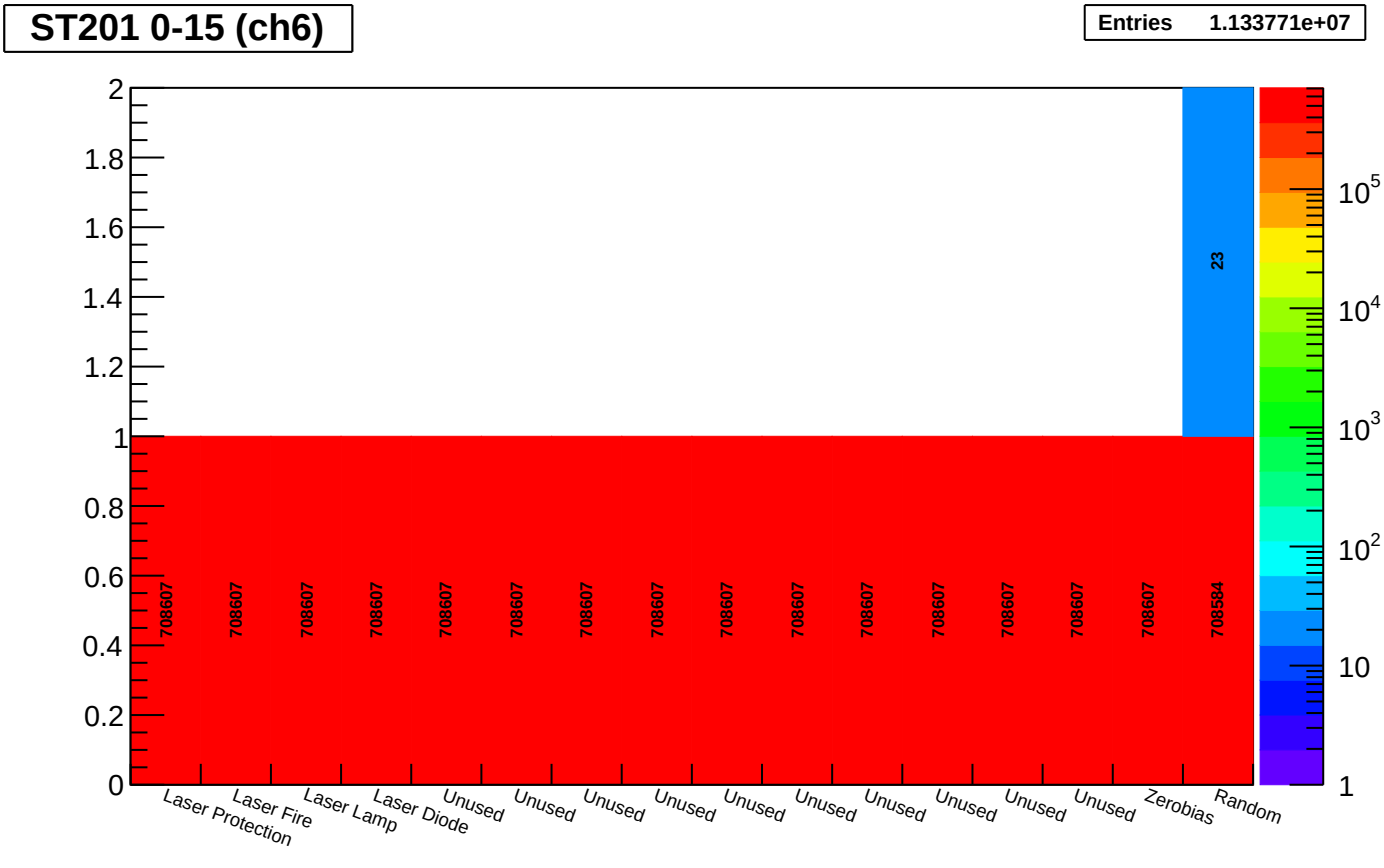

Entries 708607
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1


Entries 708607
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

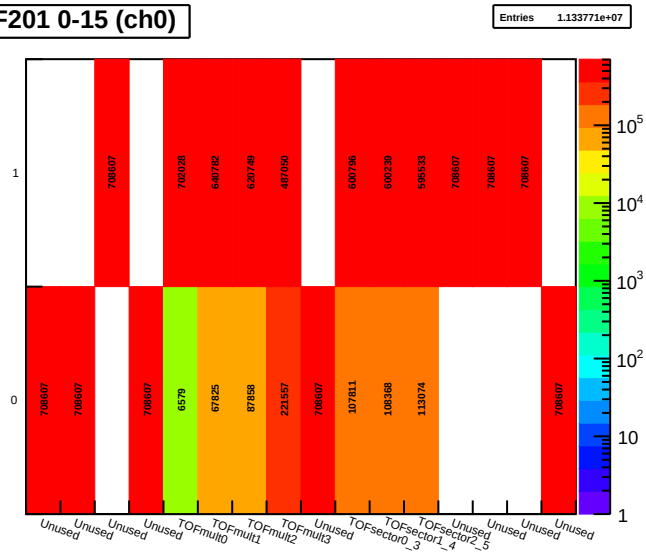

Entries 708607
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}


Entries 708607
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

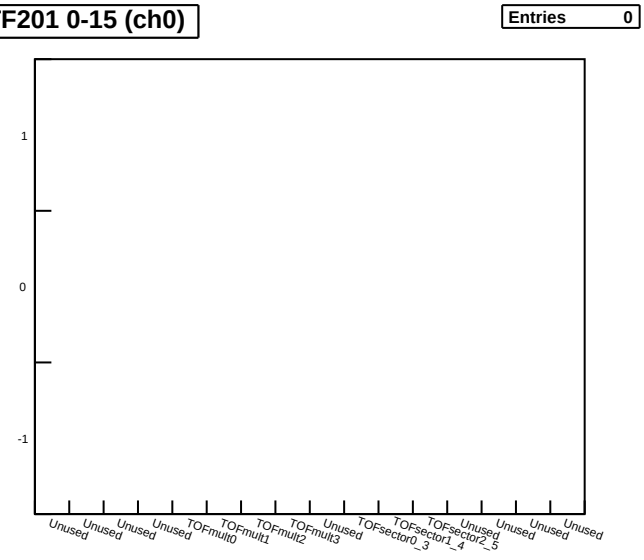

Laser Input Bits
Entries 708607
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.133771e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
708607
708607
708607
708607
708607
708607
708607
708607
708607
708607
708607
708607
708607
708607
708584
23
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

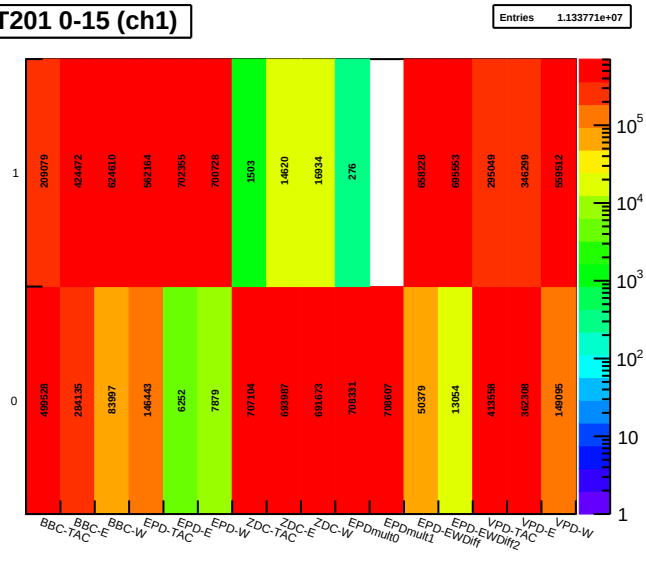
TF201 0-15 (ch0)



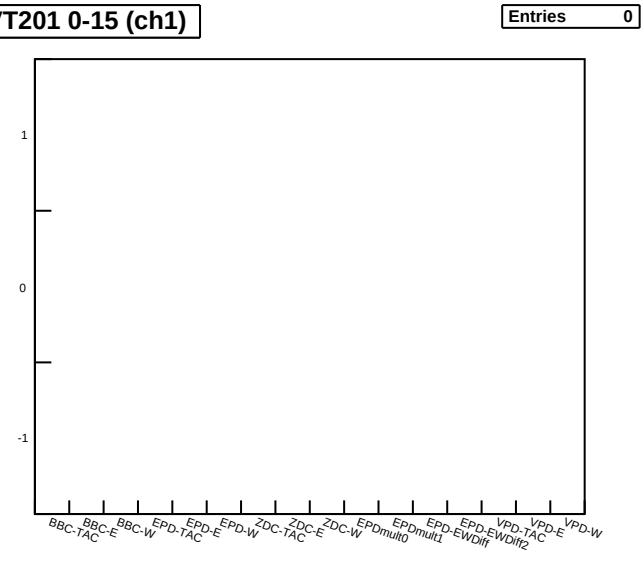
TF201 0-15 (ch0)



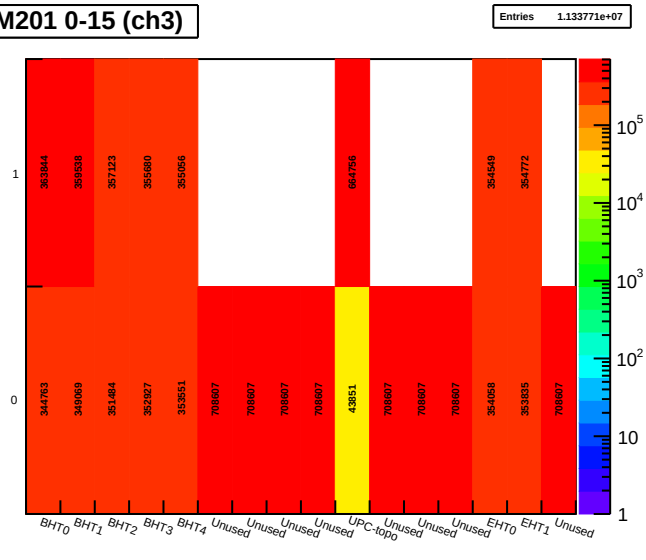
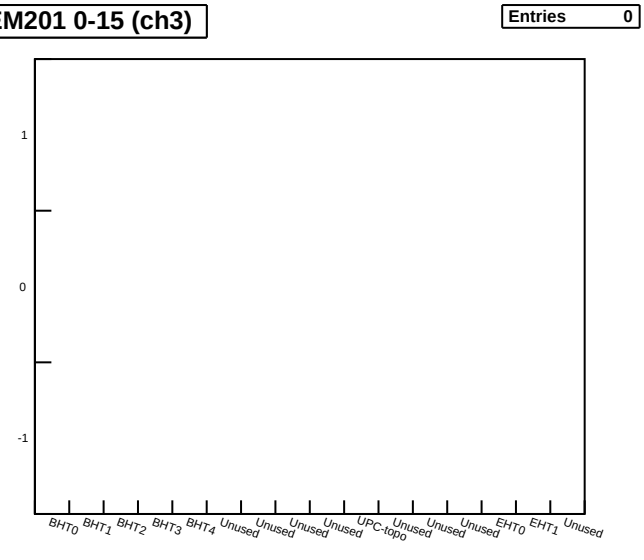
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)