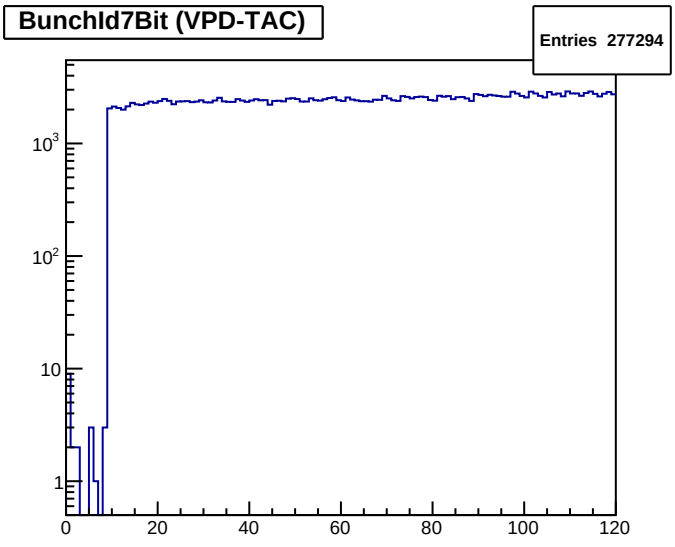
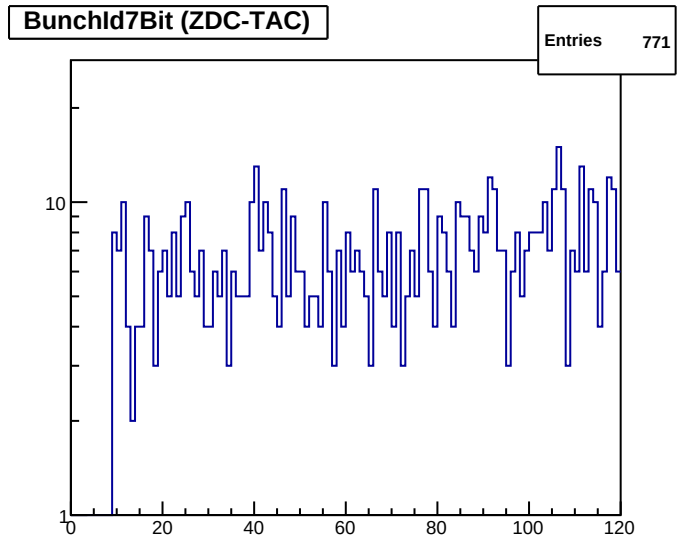
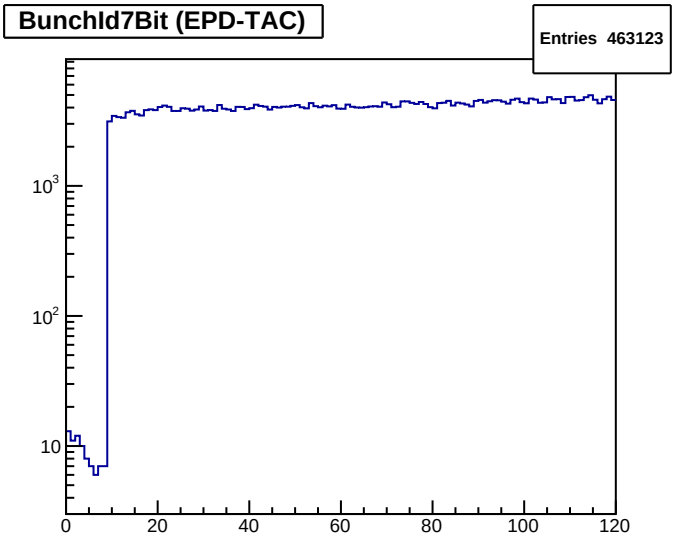
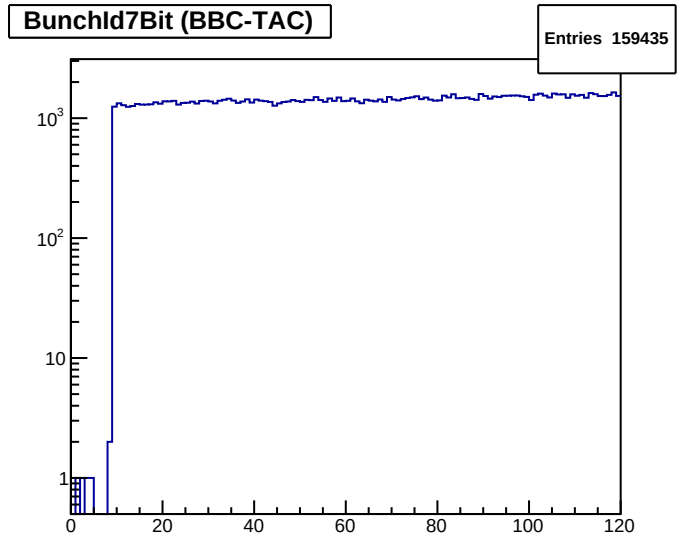
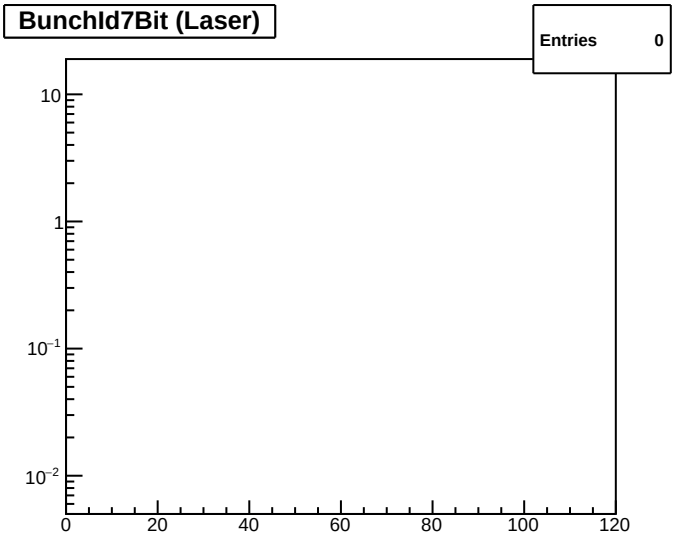
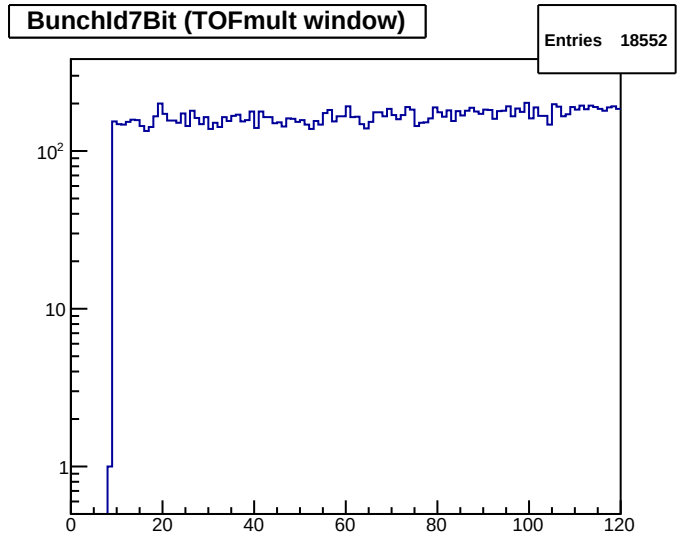

BunchId7Bit (VPD-TAC)
Entries 277294

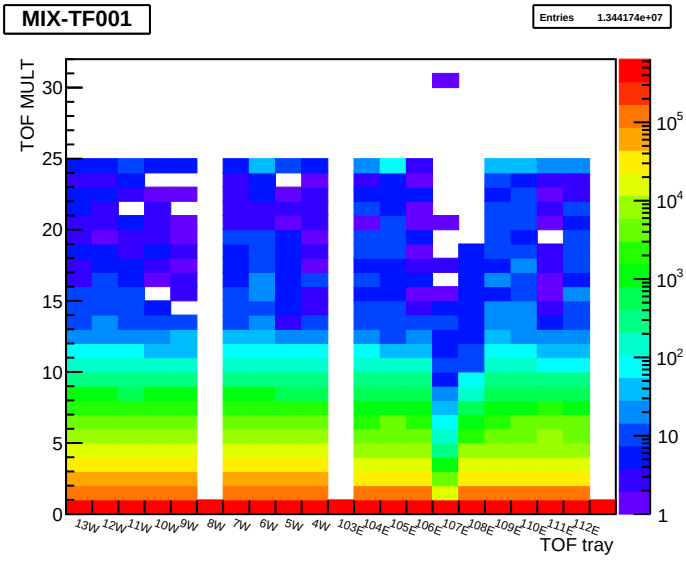

BunchId7Bit (ZDC-TAC)
Entries 771

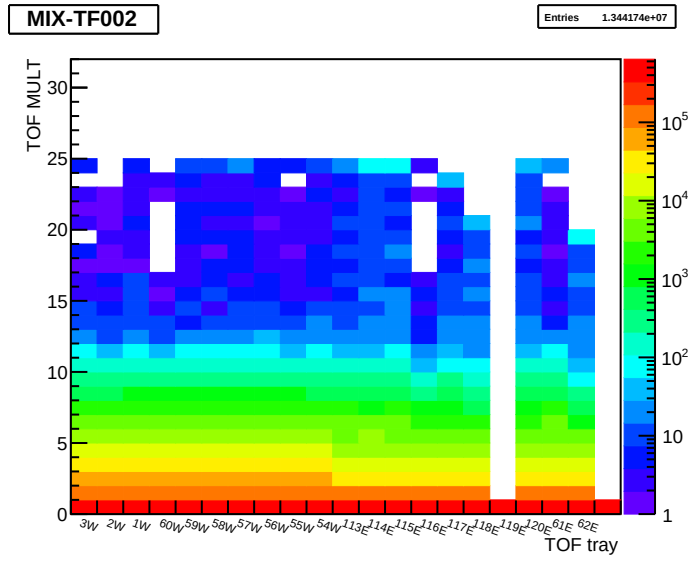

BunchId7Bit (EPD-TAC)
Entries 463123

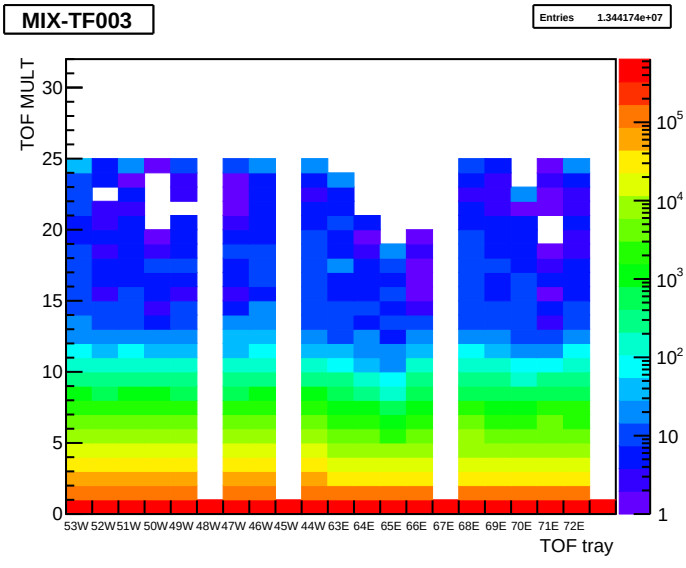

BunchId7Bit (BBC-TAC)
Entries 159435

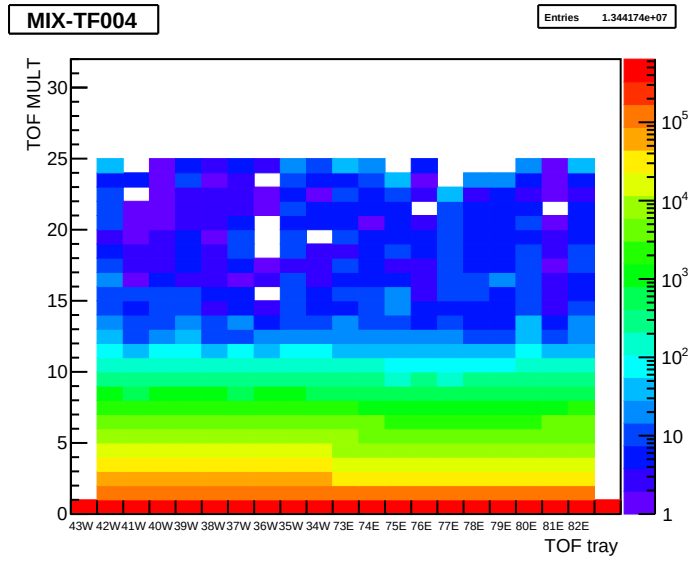

BunchId7Bit (Laser)
Entries 0

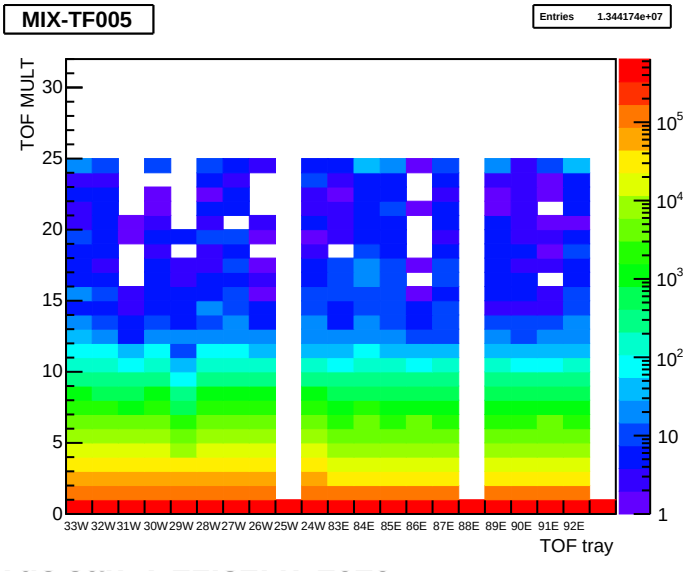

BunchId7Bit (TOFmult window)
Entries 18552

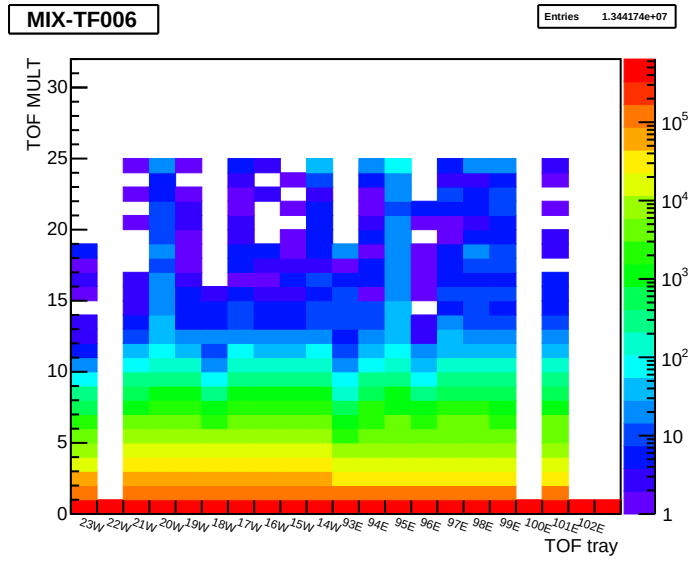

MIX-TF001
Entries 1.344174e+07
TOF MULT
TOF tray

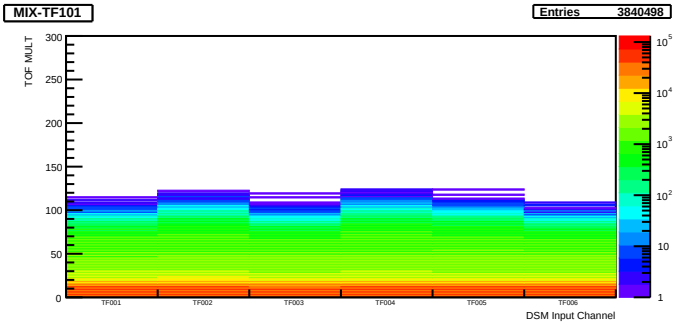

MIX-TF002
Entries 1.344174e+07
TOF MULT
TOF tray

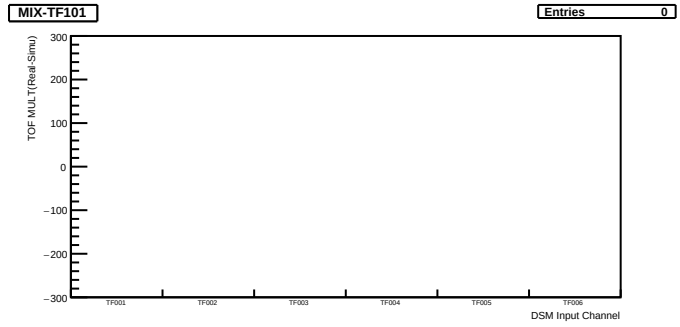

MIX-TF003
Entries 1.344174e+07
TOF MULT
TOF tray

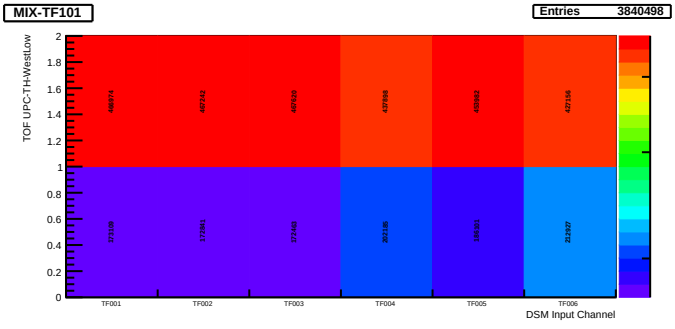

MIX-TF004
Entries 1.344174e+07
TOF MULT
TOF tray

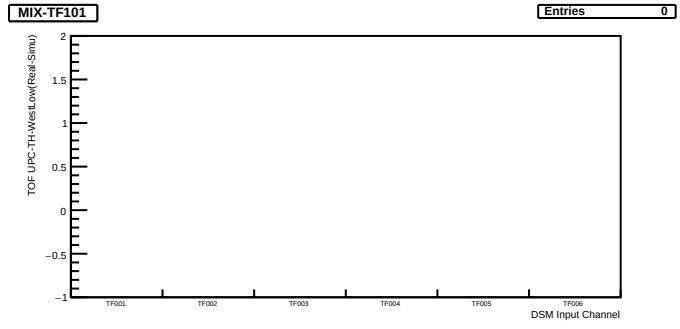

MIX-TF005
Entries 1.344174e+07
TOF MULT
TOF tray

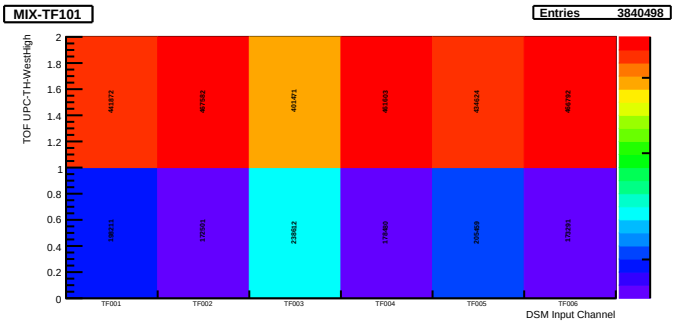

MIX-TF006
Entries 1.344174e+07
TOF MULT
TOF tray

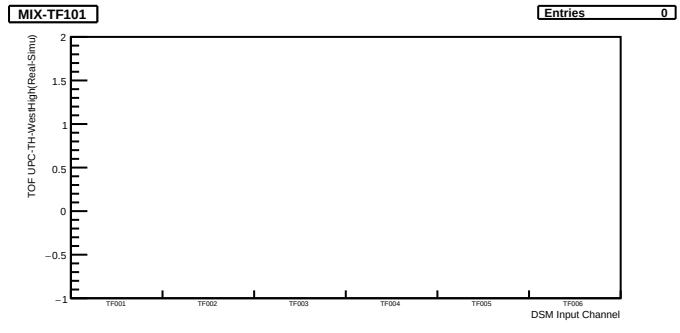

MIX-TF101
Entries 3840498
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

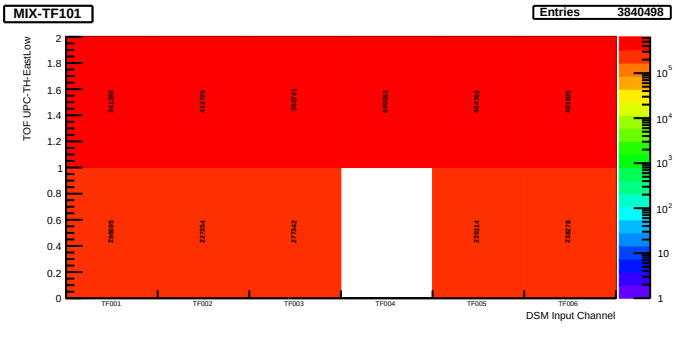

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

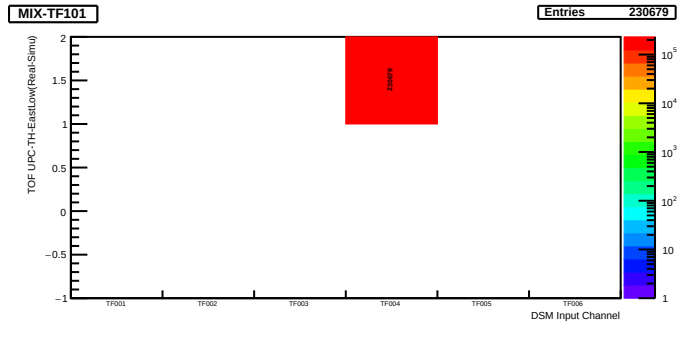

MIX-TF101
Entries 3840498
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

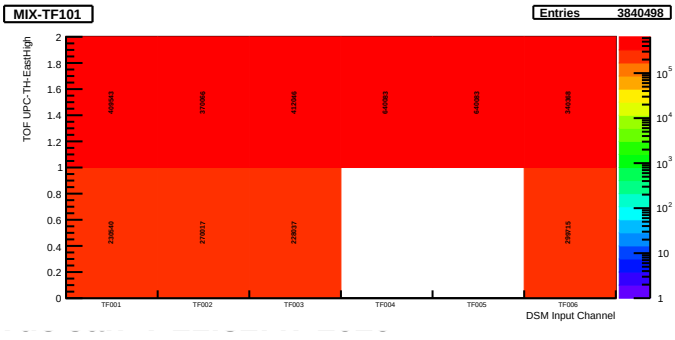

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

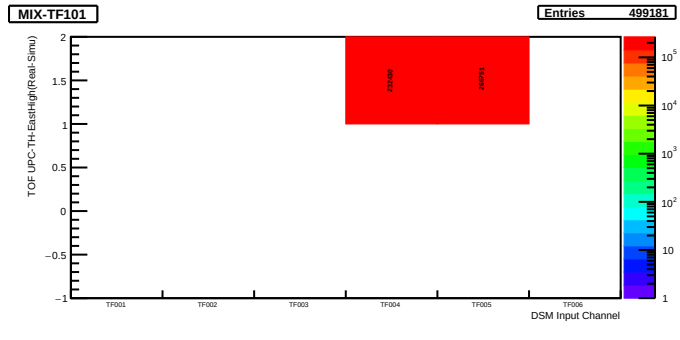

MIX-TF101
Entries 3840498
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

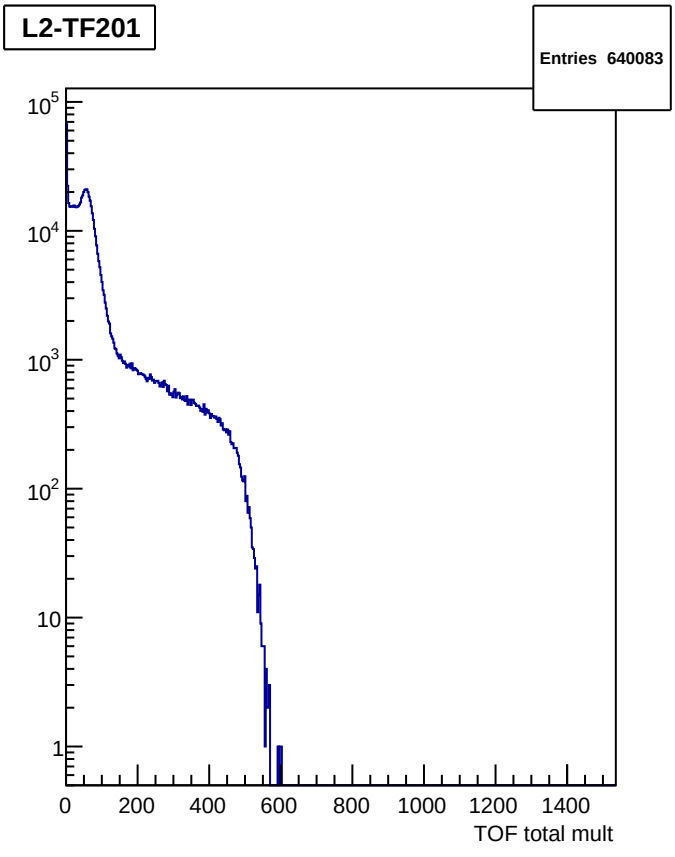

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

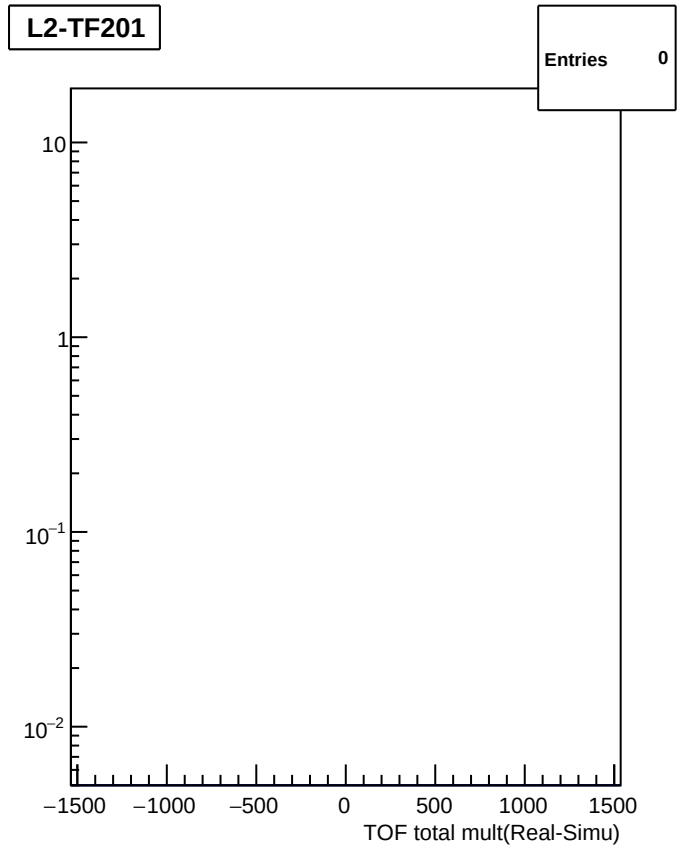

MIX-TF101
Entries 3840498
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

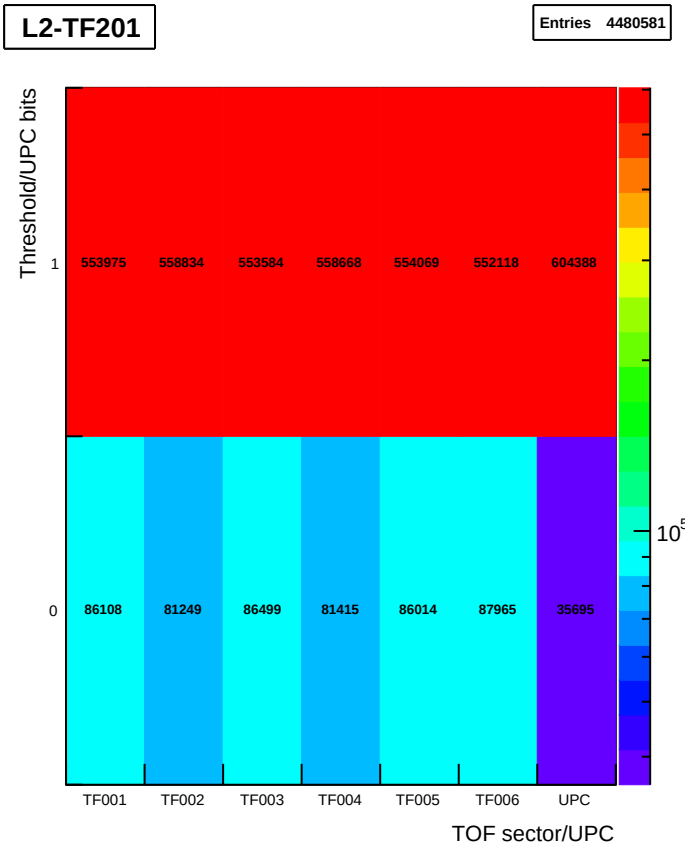

MIX-TF101
Entries 230679
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

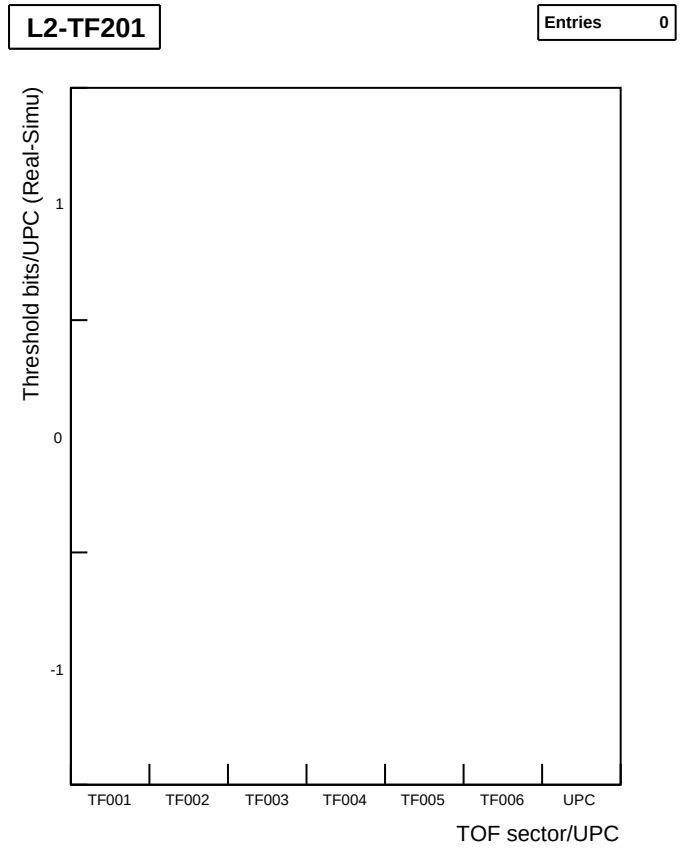

MIX-TF101
Entries 3840498
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

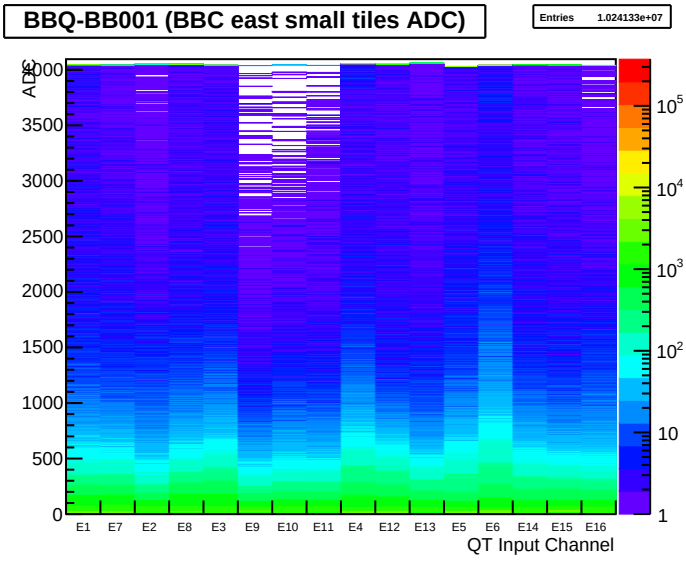

MIX-TF101
Entries 499181
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

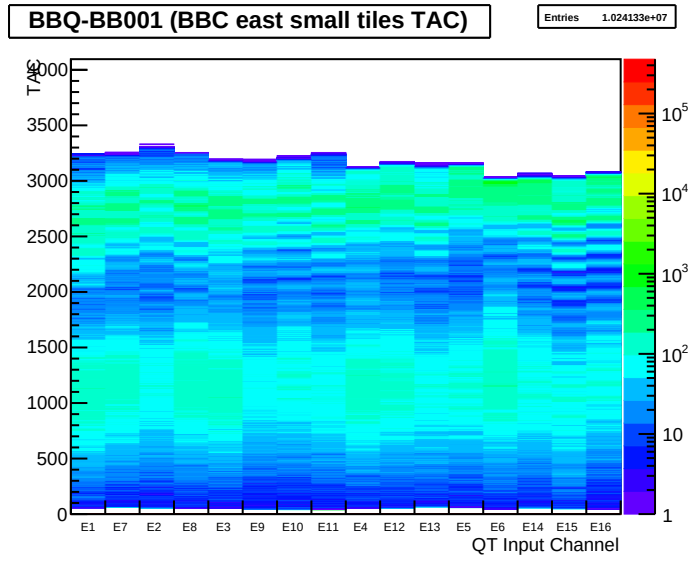

L2-TF201
Entries 640083
TOF total mult

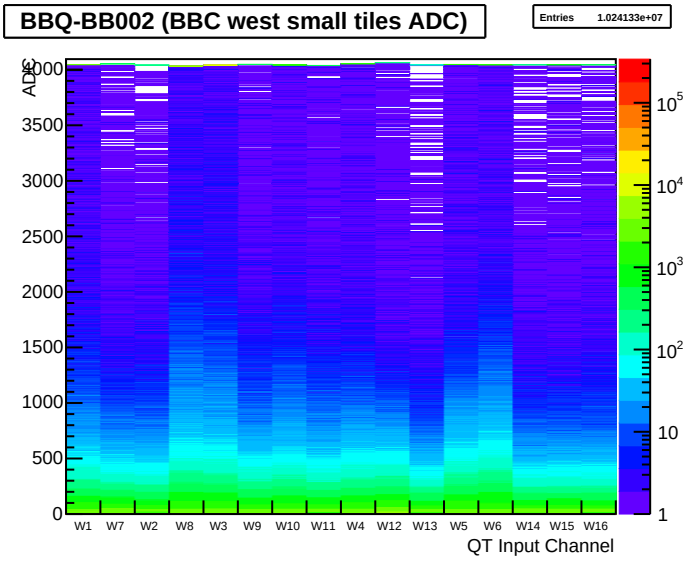

L2-TF201
Entries 0
TOF total mult(Real-Simu)

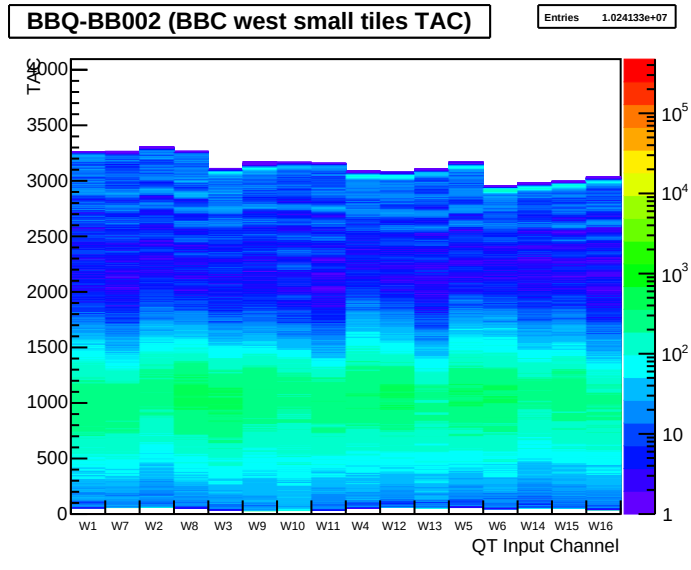

L2-TF201
Entries 4480581
Threshold/UPC bits
553975
558834
553584
558668
554069
552118
604388
86108
81249
86499
81415
86014
87965
35695
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

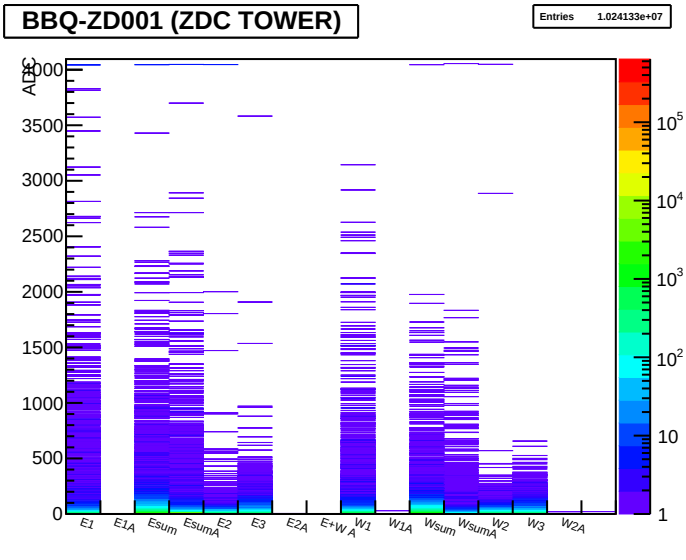

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

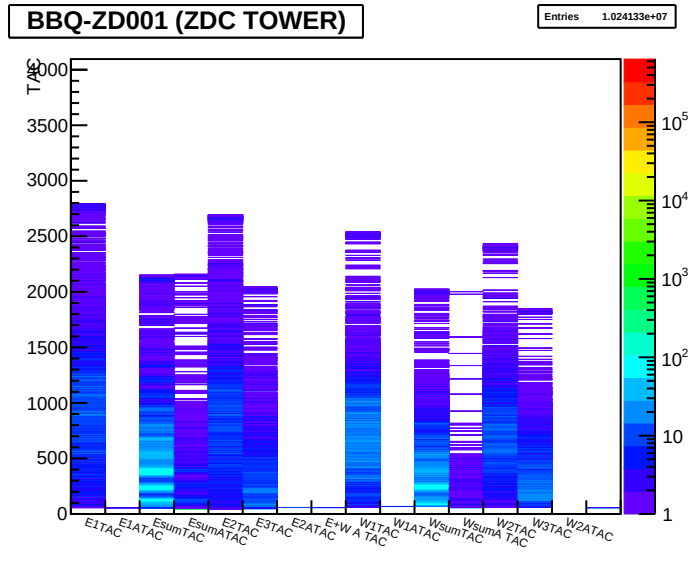

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.024133e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

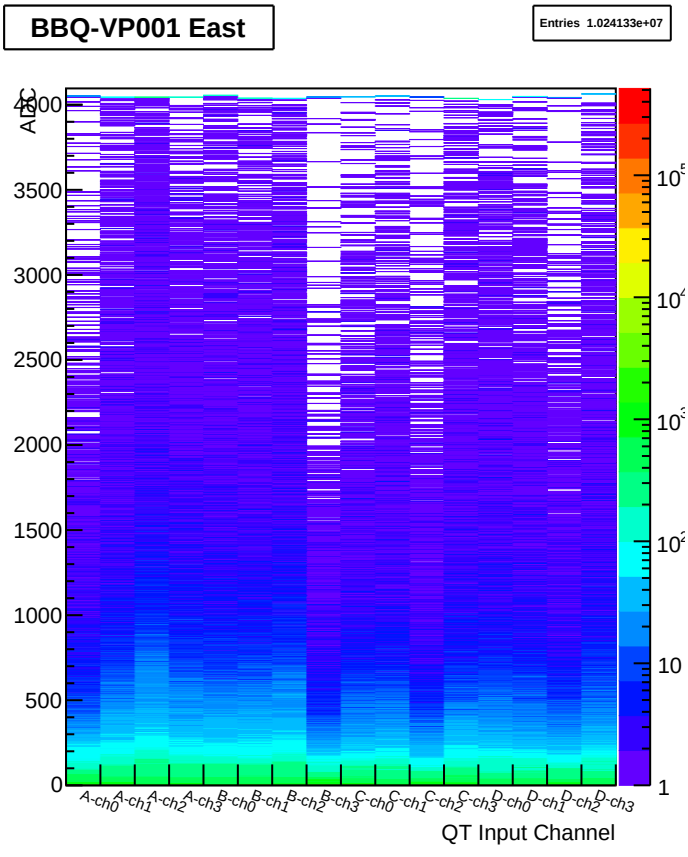

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.024133e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

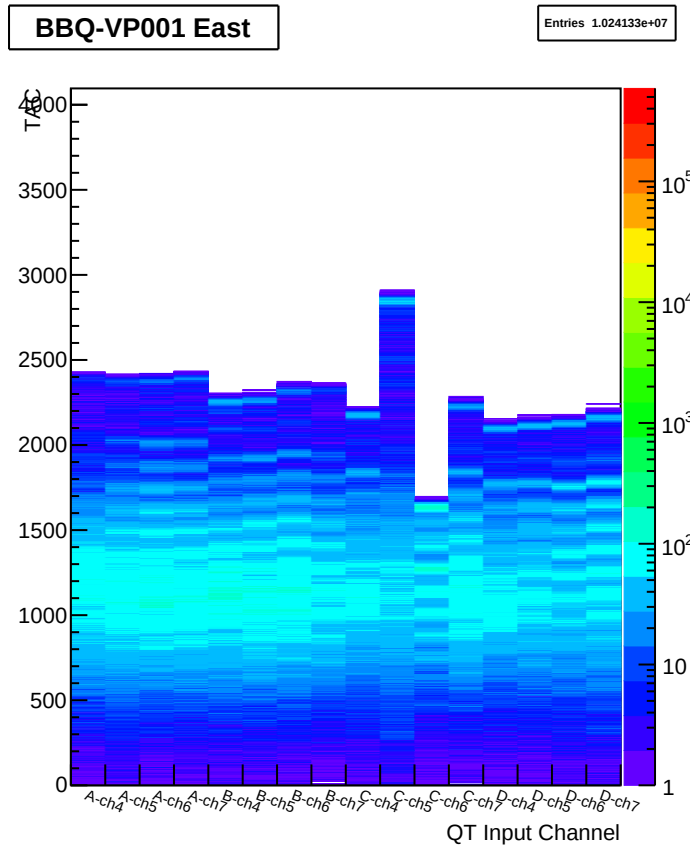

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.024133e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

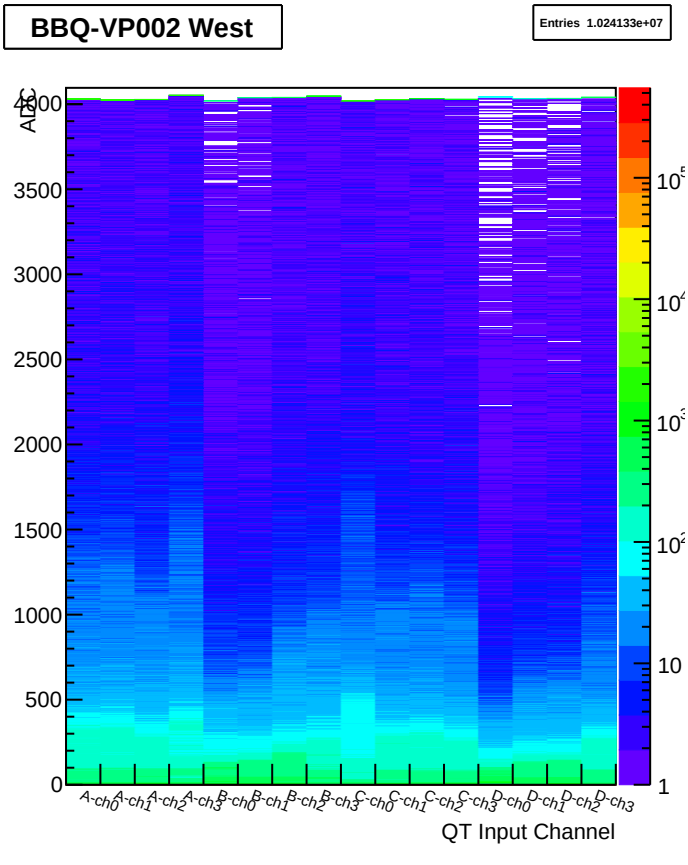

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.024133e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

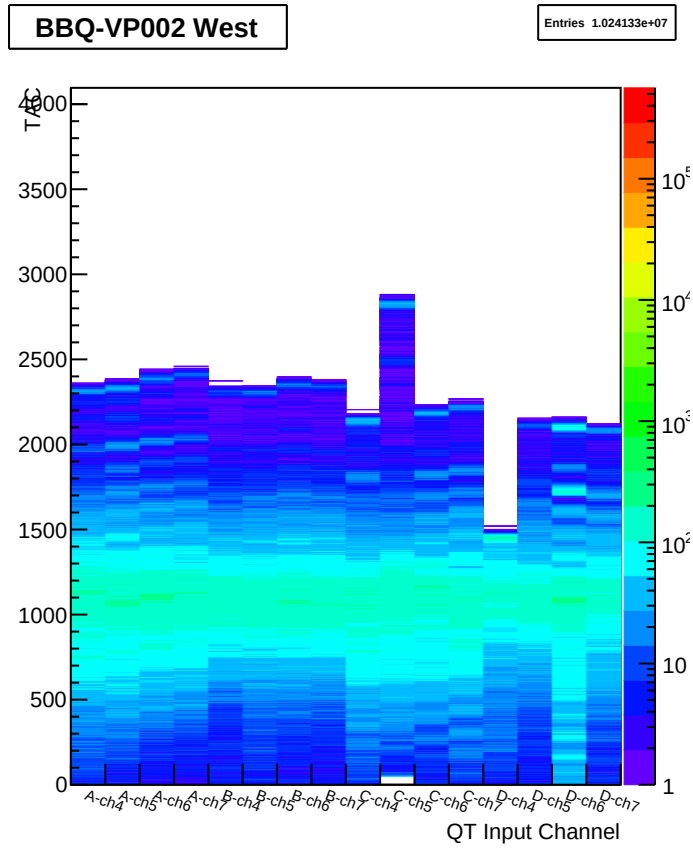

BBQ-ZD001 (ZDC TOWER)
Entries 1.024133e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

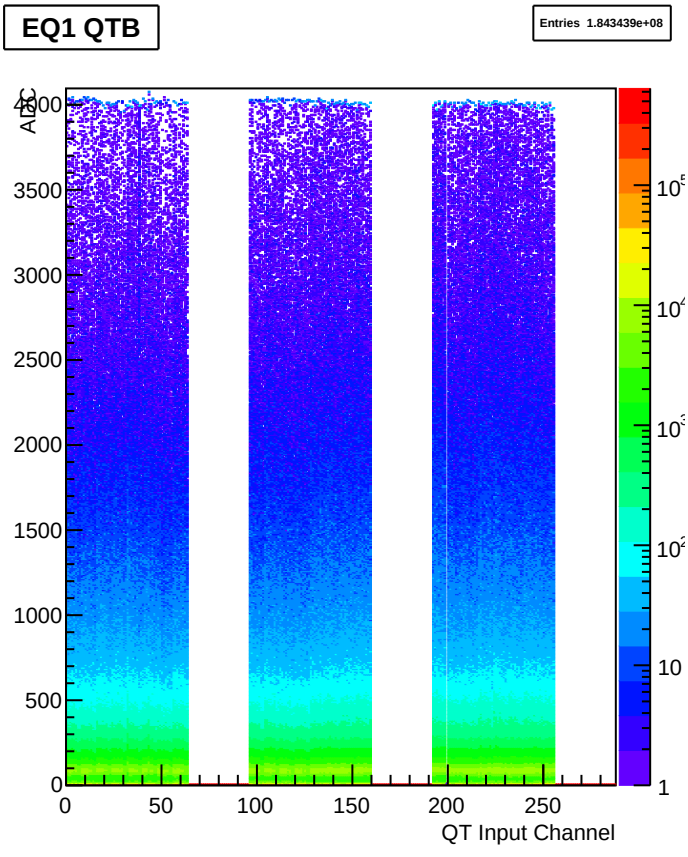

BBQ-ZD001 (ZDC TOWER)
Entries 1.024133e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

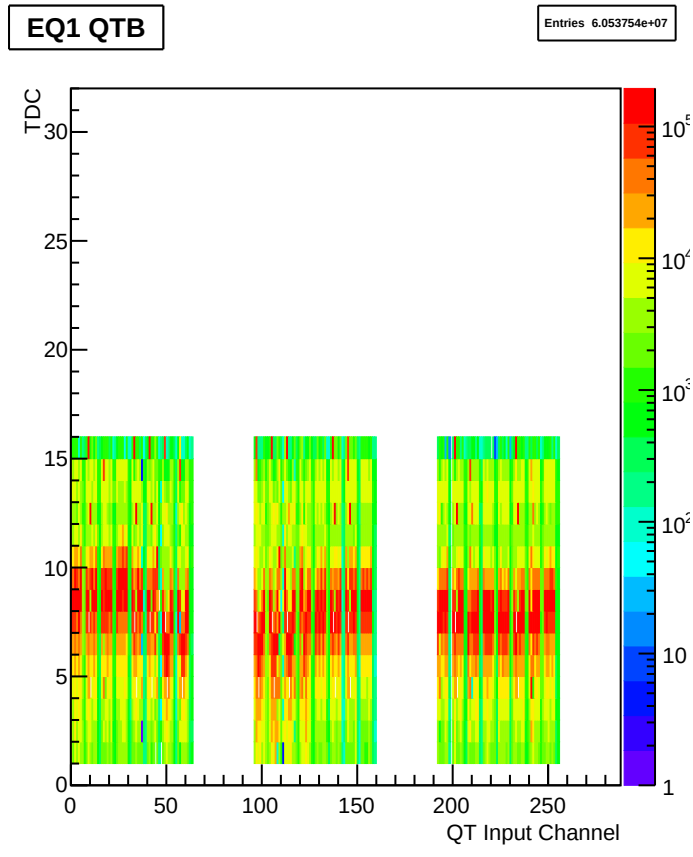

BBQ-VP001 East
Entries 1.024133e+07
ADC
QT Input Channel

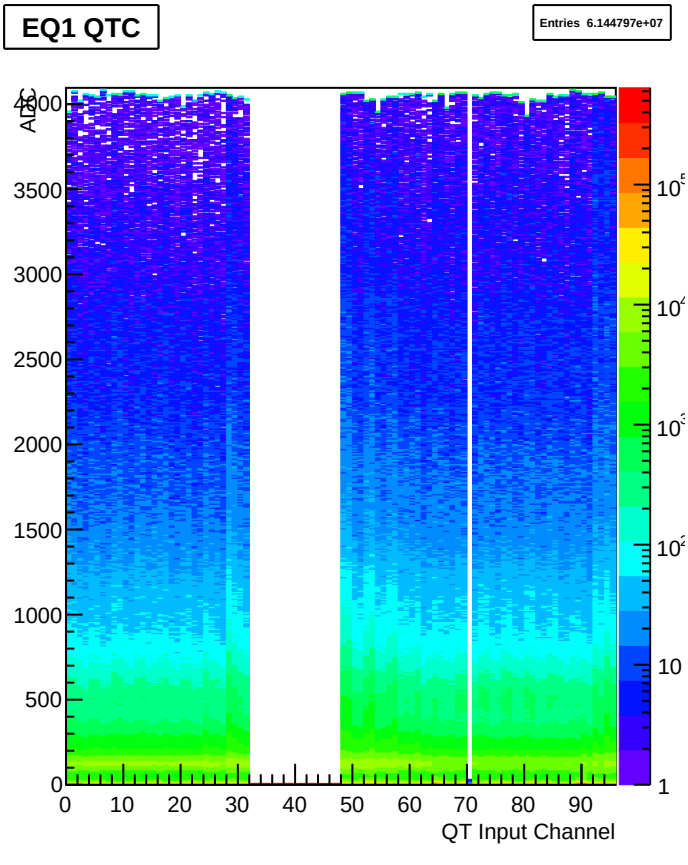

BBQ-VP001 East
Entries 1.024133e+07
ADC
QT Input Channel

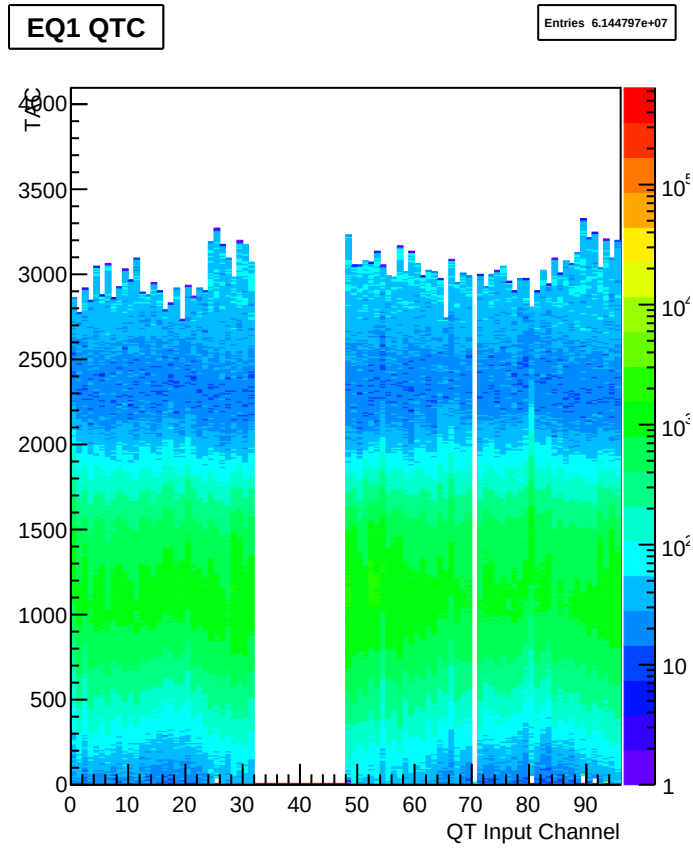

BBQ-VP002 West
Entries 1.024133e+07
ADC
QT Input Channel

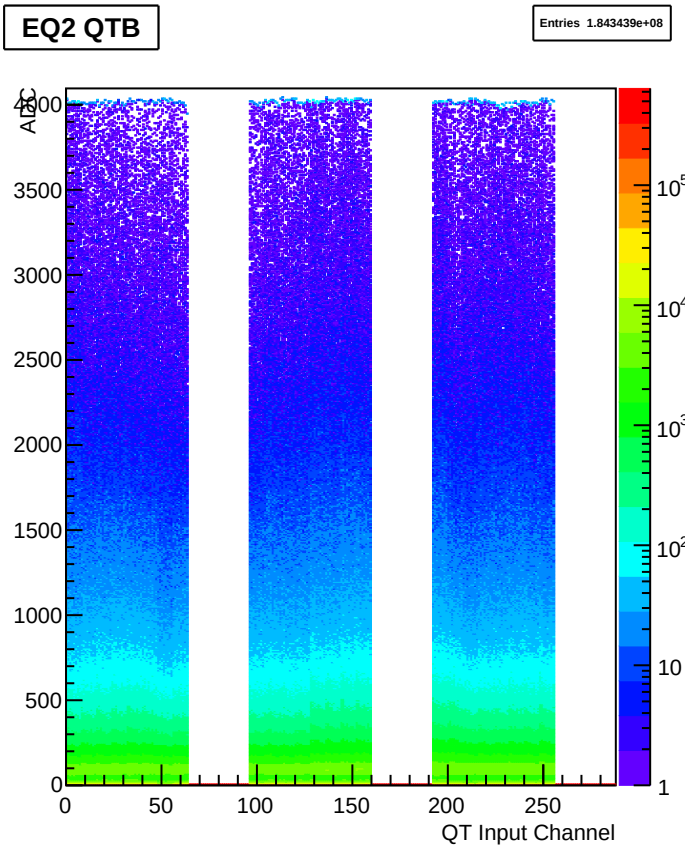

BBQ-VP002 West
Entries 1.024133e+07
ADC
QT Input Channel

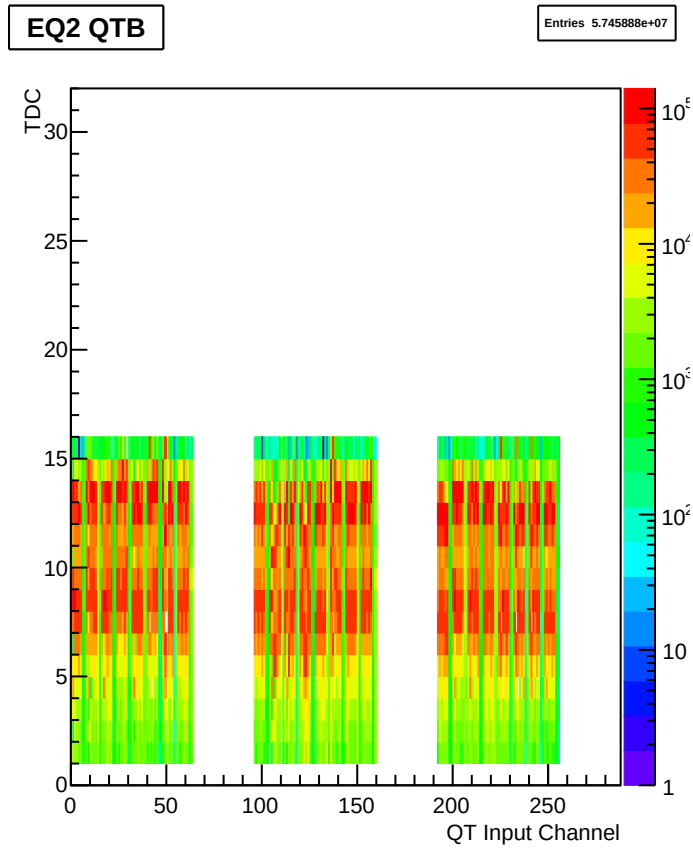

EQ1 QTB
Entries 1.843439e+08
ADC
QT Input Channel

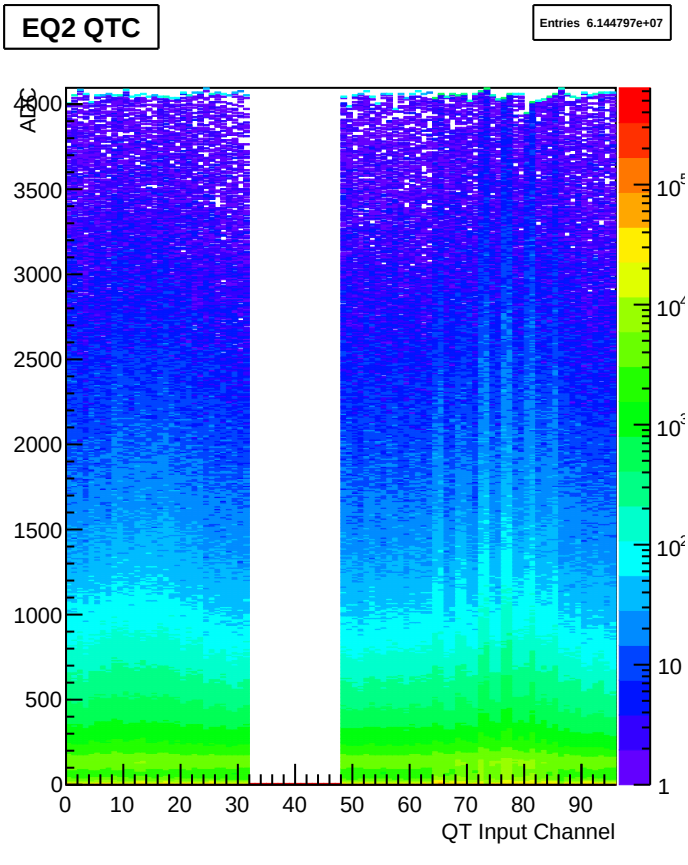

EQ1 QTB
Entries 6.053754e+07
TDC
QT Input Channel

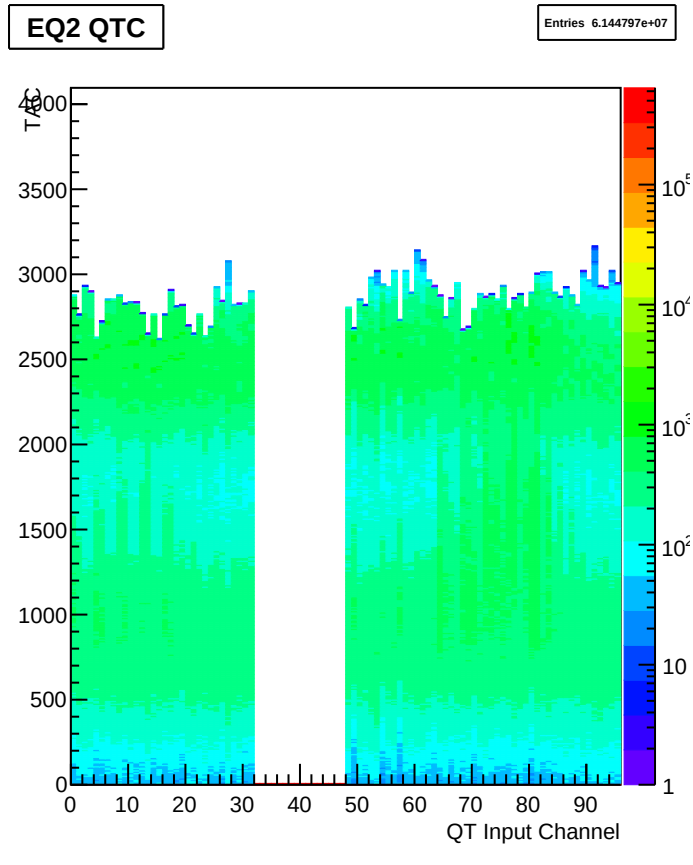

EQ1 QTC
Entries 6.144797e+07
ADC
QT Input Channel

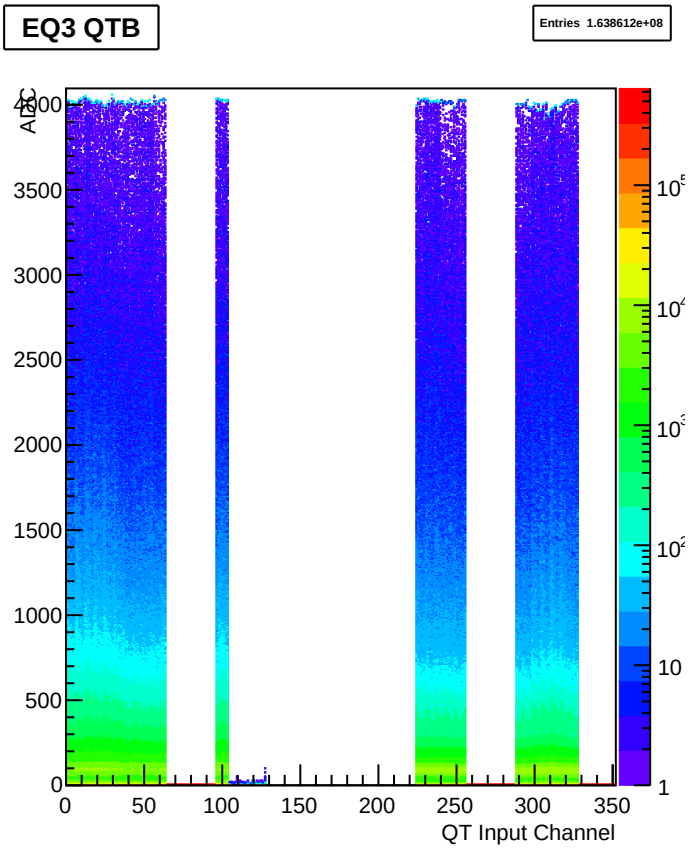

EQ1 QTC
Entries 6.144797e+07
TADC
QT Input Channel

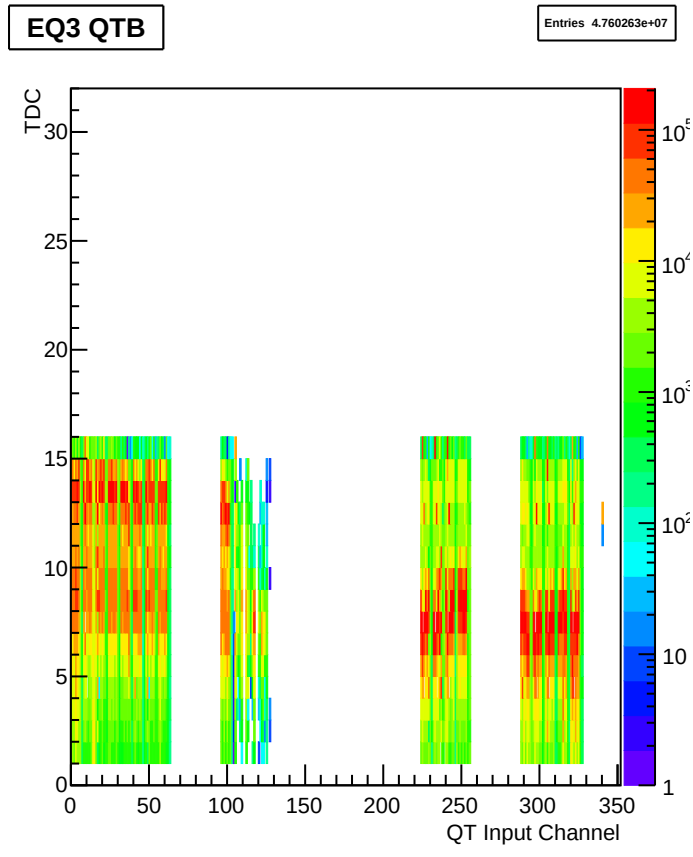

EQ2 QTB
Entries 1.843439e+08
ADC
QT Input Channel

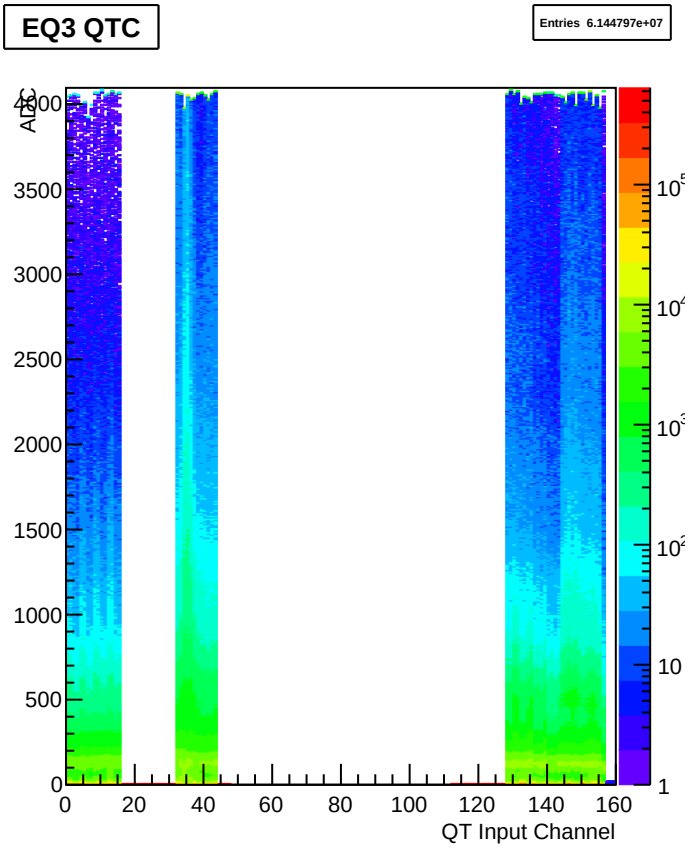

EQ2 QTB
Entries 5.745888e+07
TDC
QT Input Channel

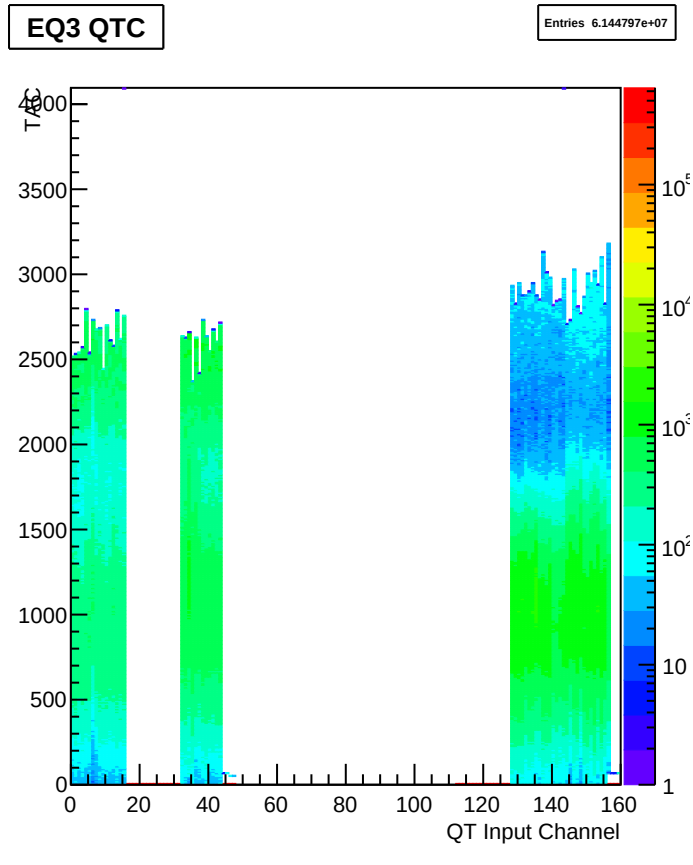

EQ2 QTC
Entries 6.144797e+07
ADC
QT Input Channel

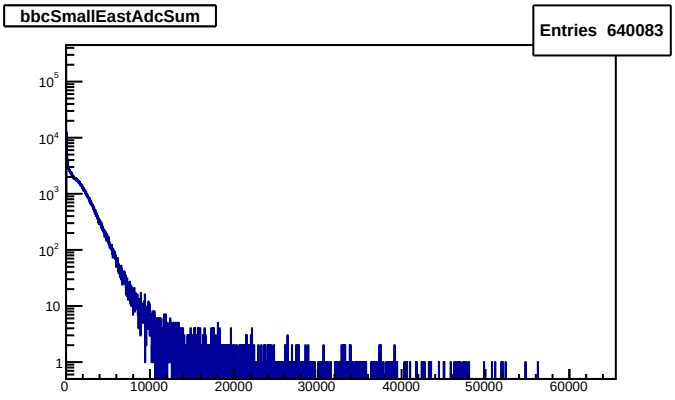

EQ2 QTC
Entries 6.144797e+07
TADC
QT Input Channel

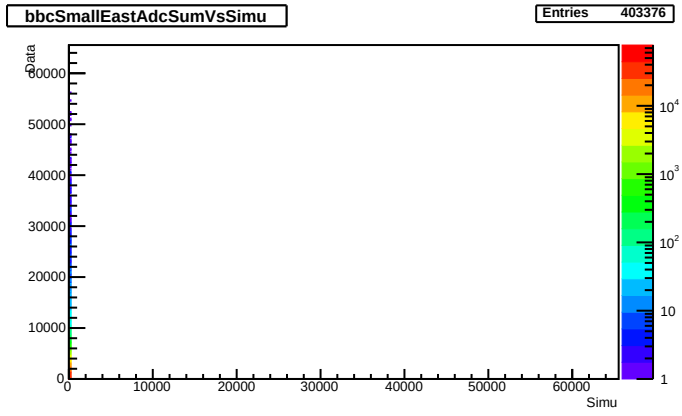

EQ3 QTB
Entries 1.638612e+08
ADC
QT Input Channel

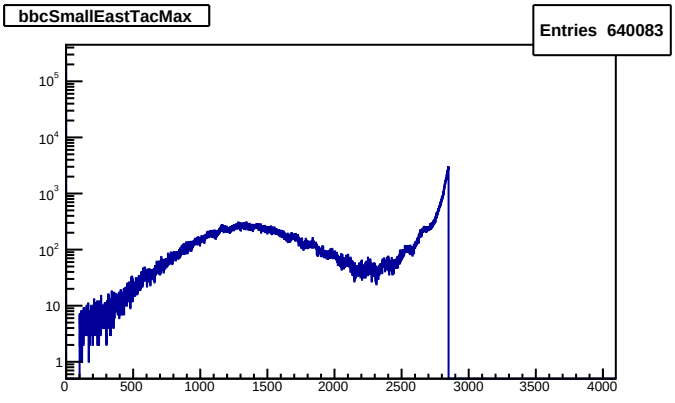

EQ3 QTB
Entries 4.760263e+07
TDC
QT Input Channel

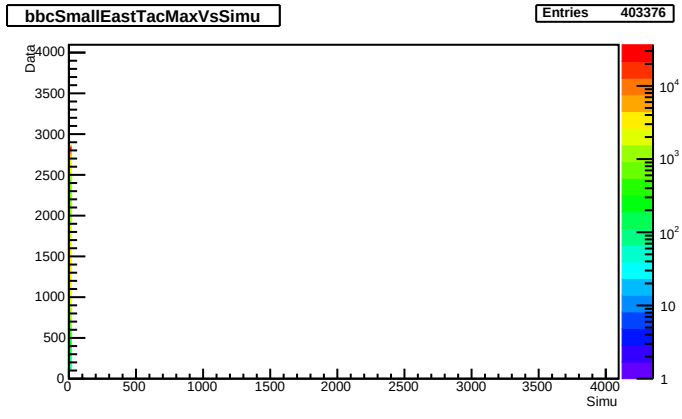

EQ3 QTC
Entries 6.144797e+07
ADC
QT Input Channel

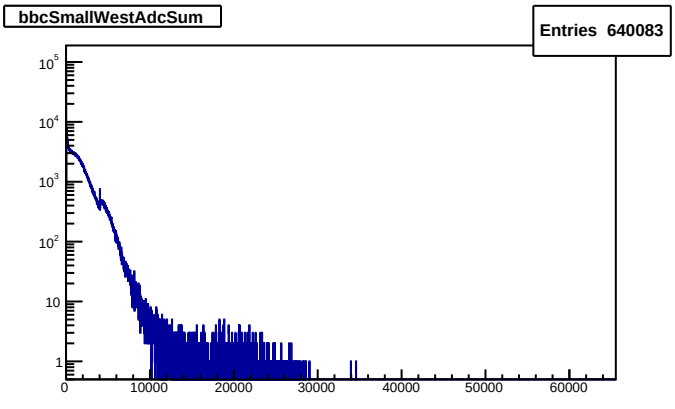

EQ3 QTC
Entries 6.144797e+07
TADC
QT Input Channel

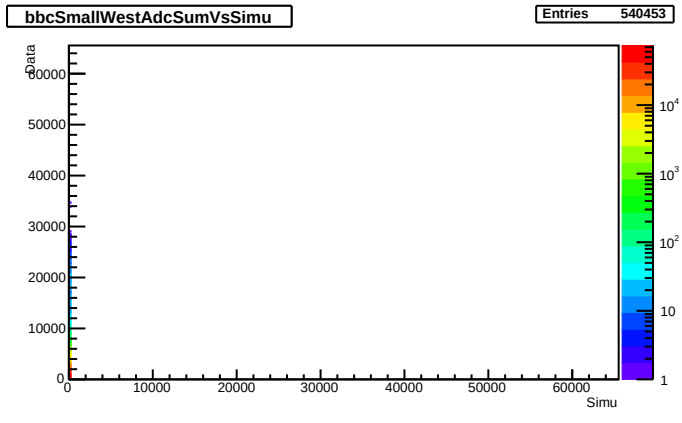

bbcSmallEastAdcSum
Entries 640083

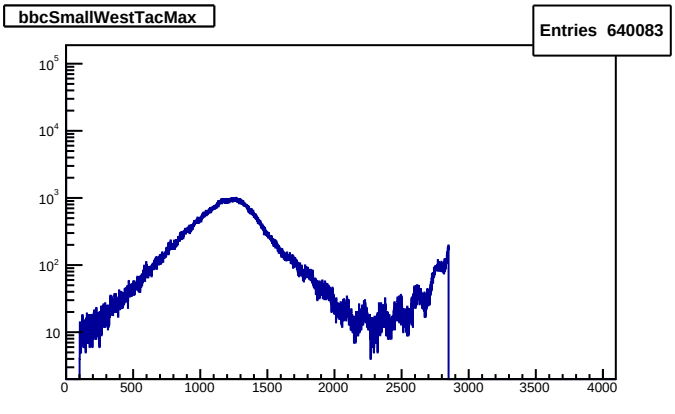

bbcSmallEastAdcSumVsSimu
Entries 403376
Data
Simu


bbcSmallEastTacMax
Entries 640083


bbcSmallEastTacMaxVsSimu
Entries 403376
Data
Simu


bbcSmallWestAdcSum
Entries 640083


bbcSmallWestAdcSumVsSimu
Entries 540453
Data
Simu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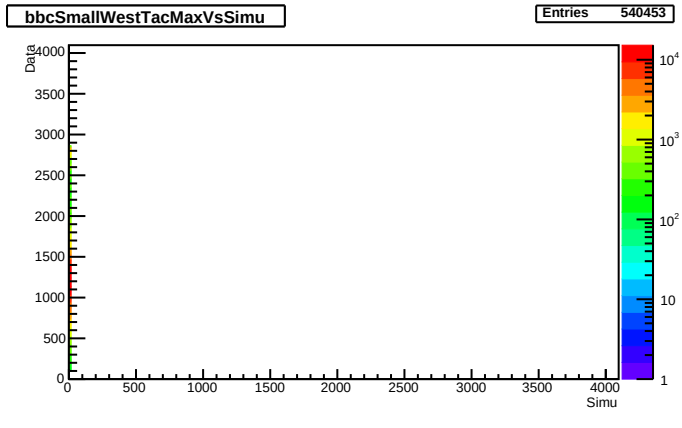
Entries 640083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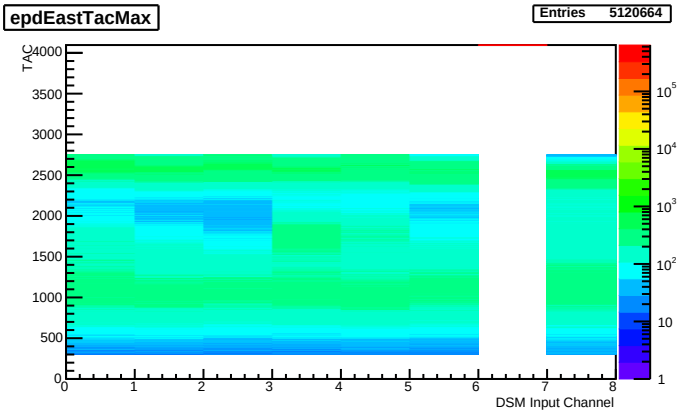
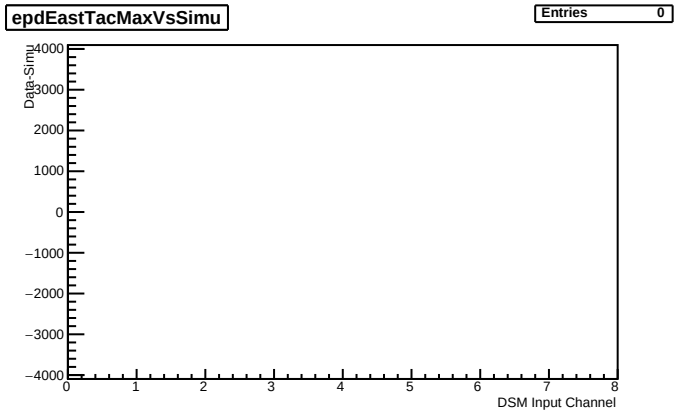
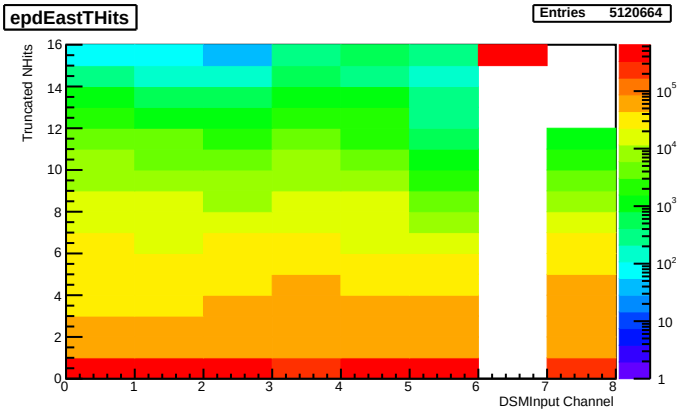
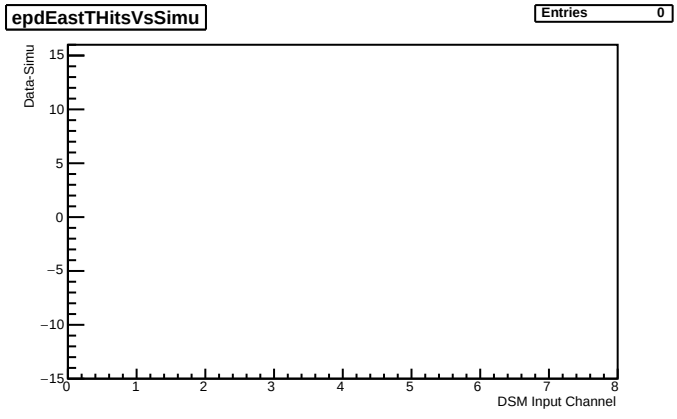
Entries 540453
Data
Simu


epdEastTacMax
Entries 5120664
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5120664
Truncated NHits
DSMInput Channel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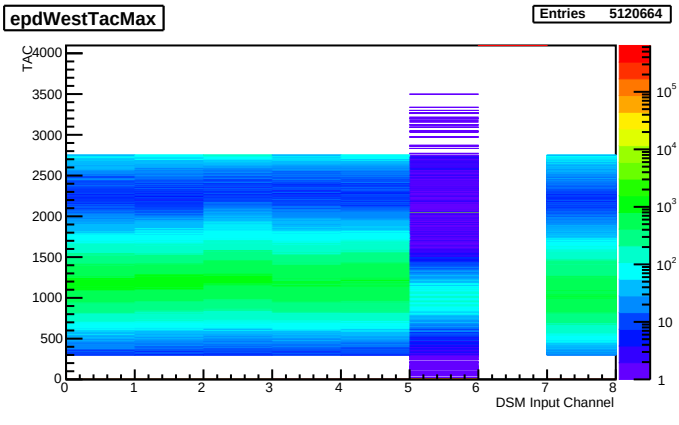
Data-Simu
DSM Input Channel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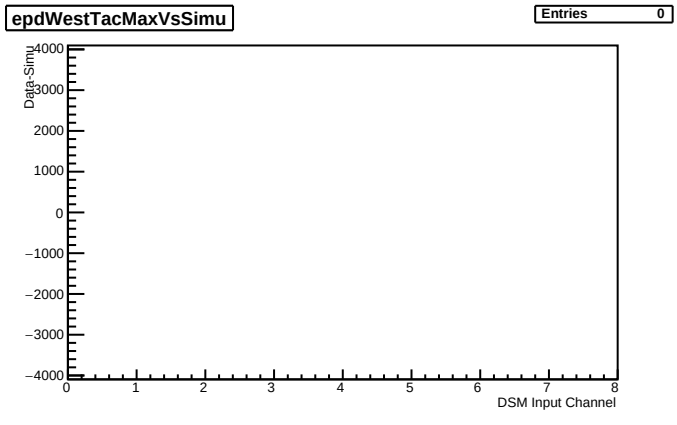
Entries 5120664
TAC
DSM Input Channel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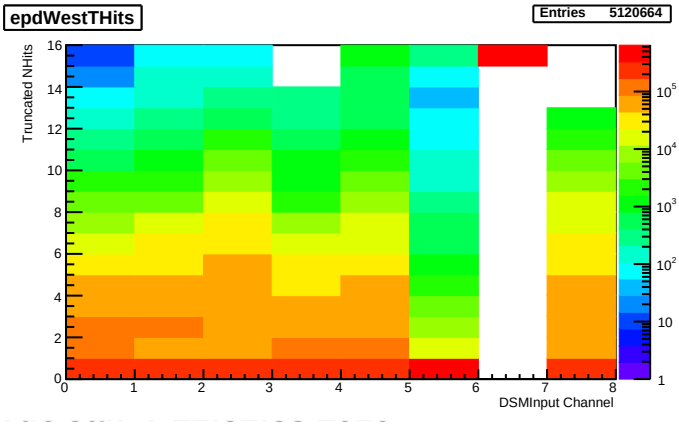
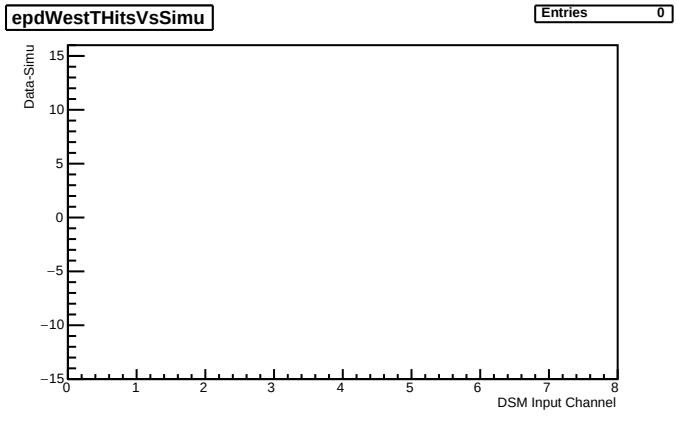
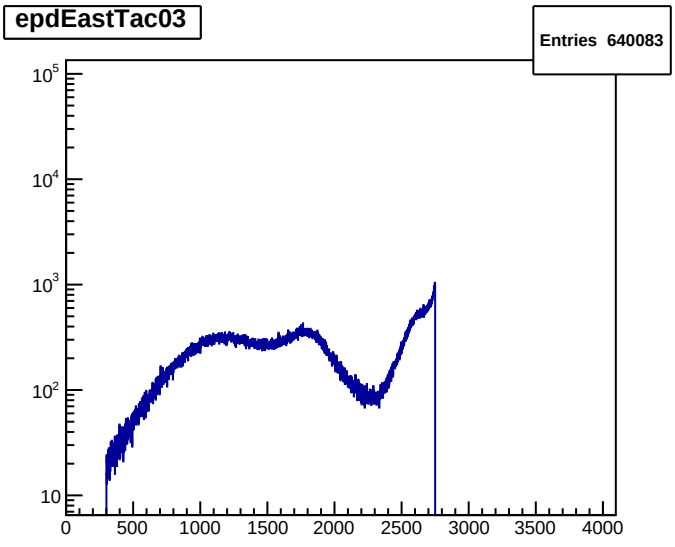
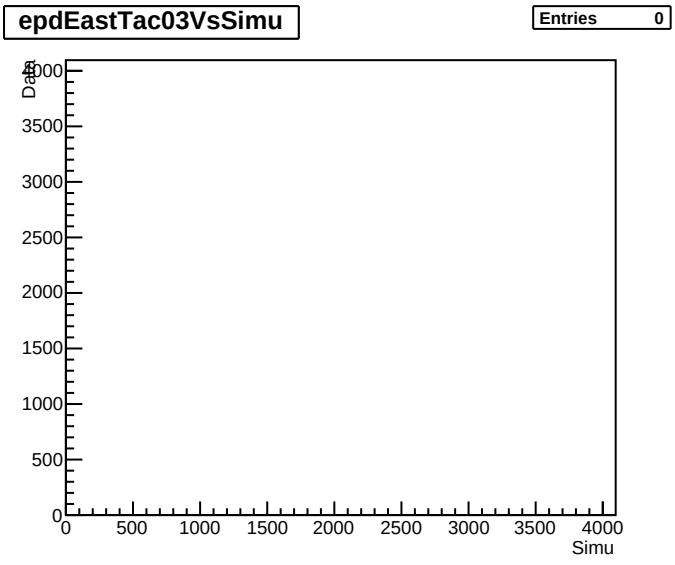
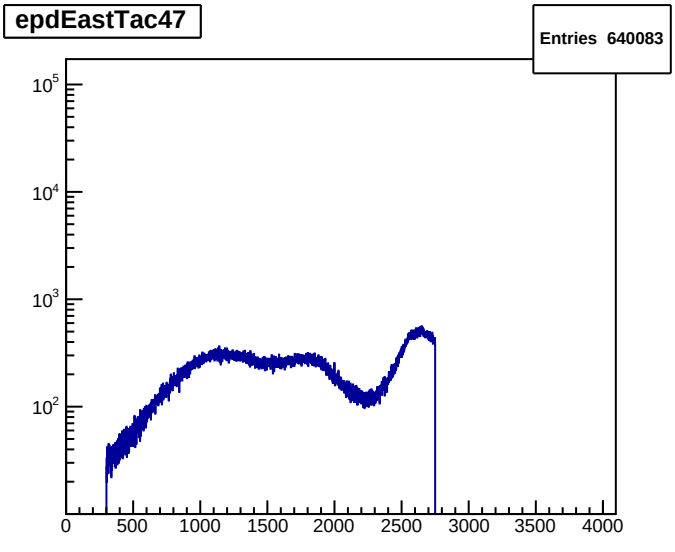
Entries 0
Data-Simu
DSM Input Channel

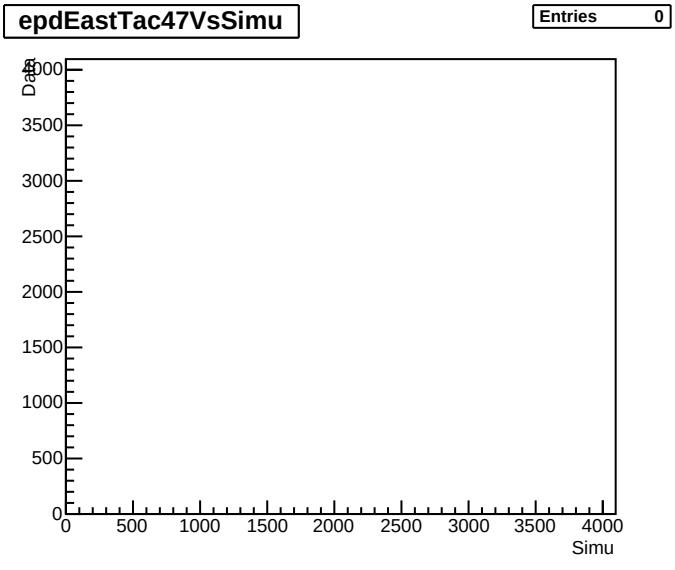

epdWestTHits
Entries 5120664
Truncated NHits
DSMInput Channel

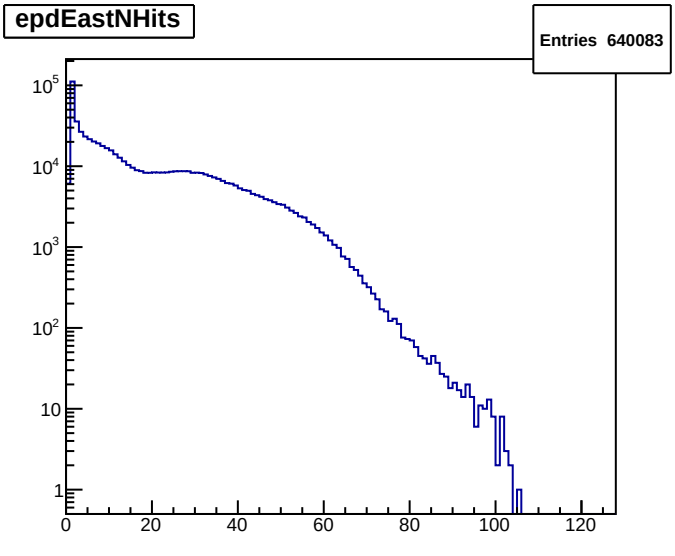

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

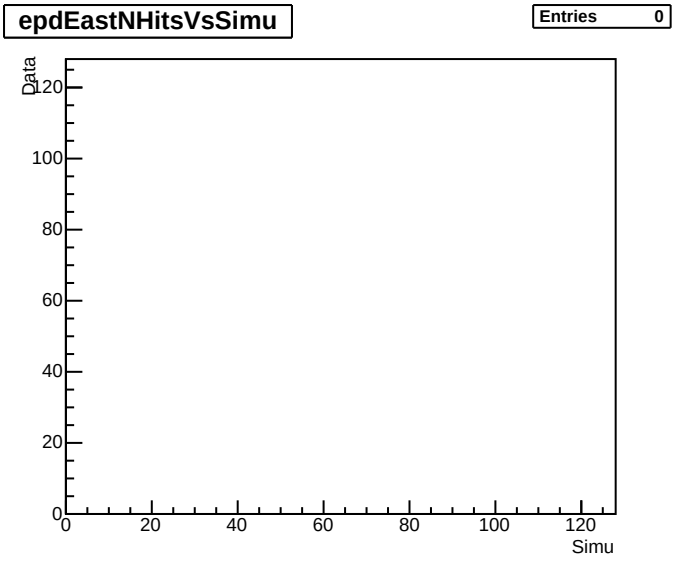

epdEastTac03
Entries 640083


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 640083


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 640083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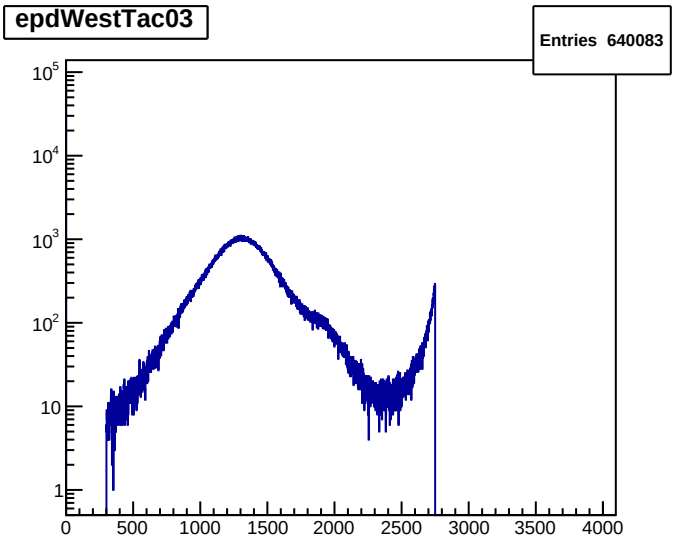
Entries 0
Data
Simu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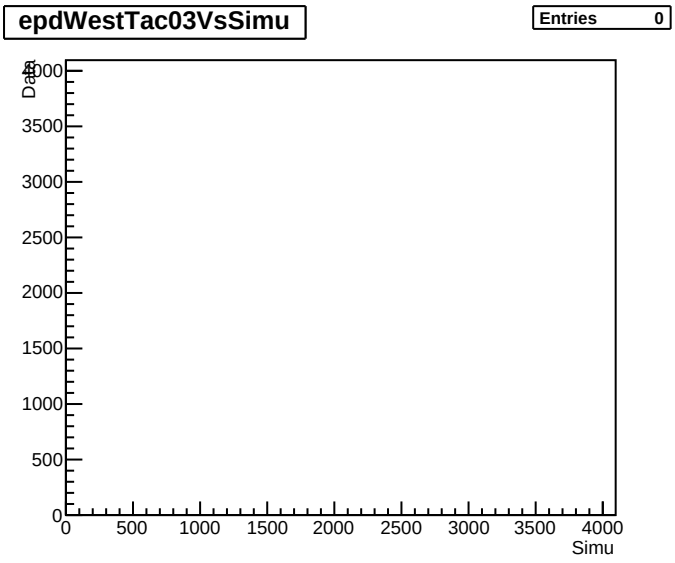
Entries 640083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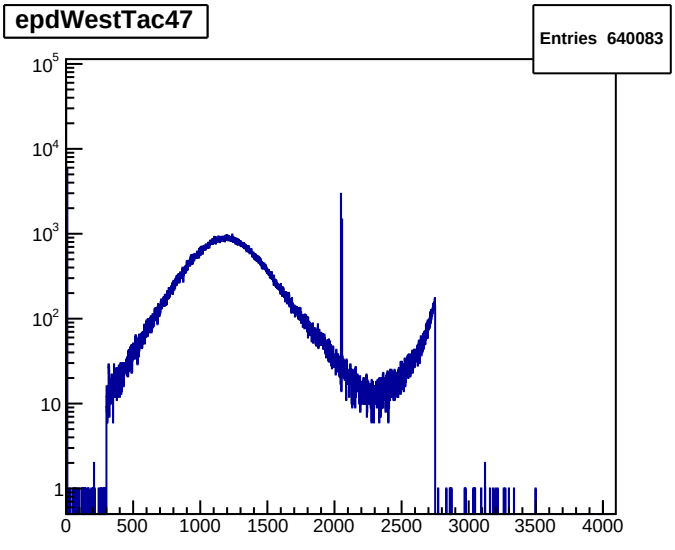
Entries 0
Data
Simu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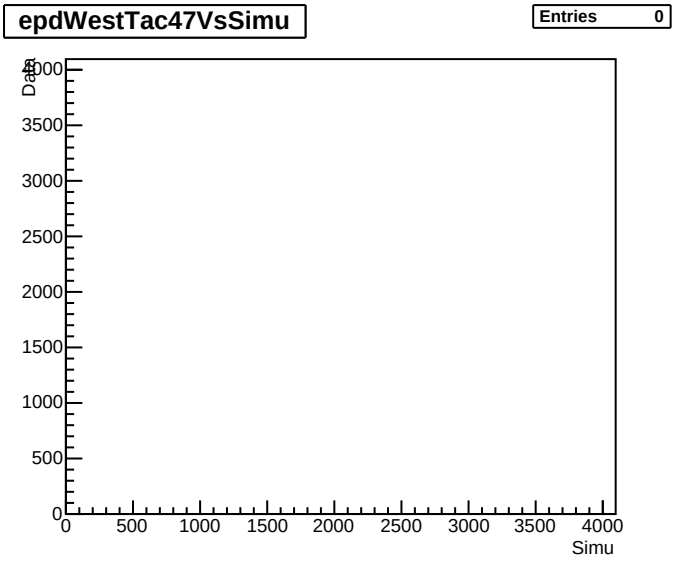
Entries 640083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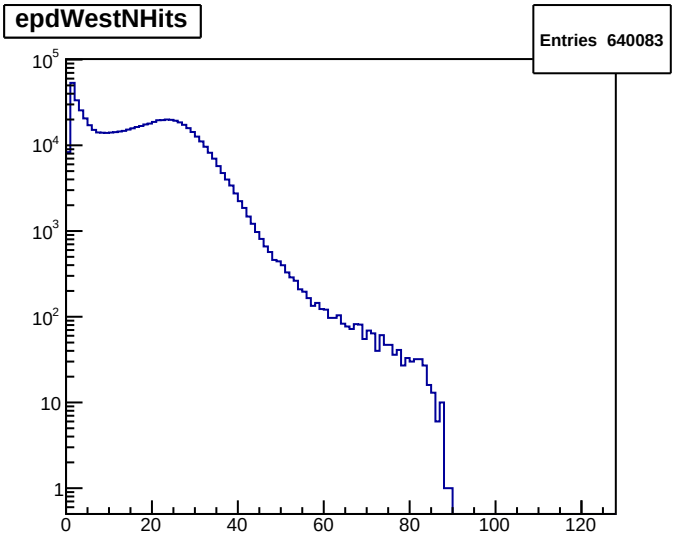
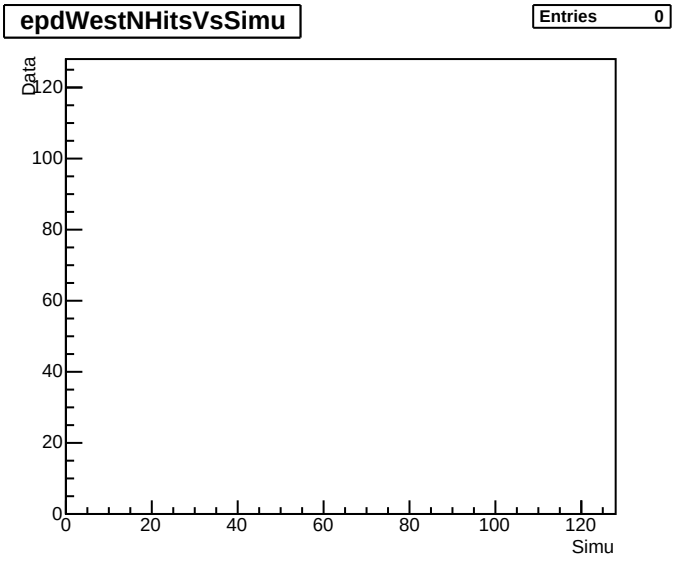
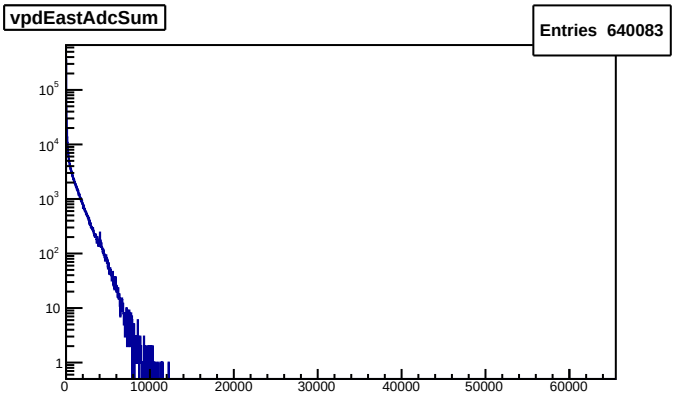
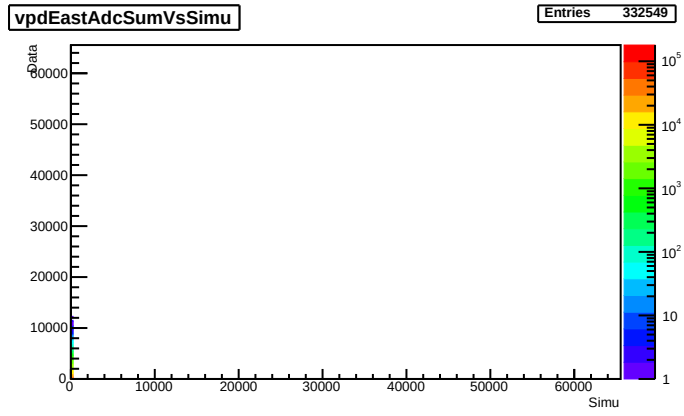
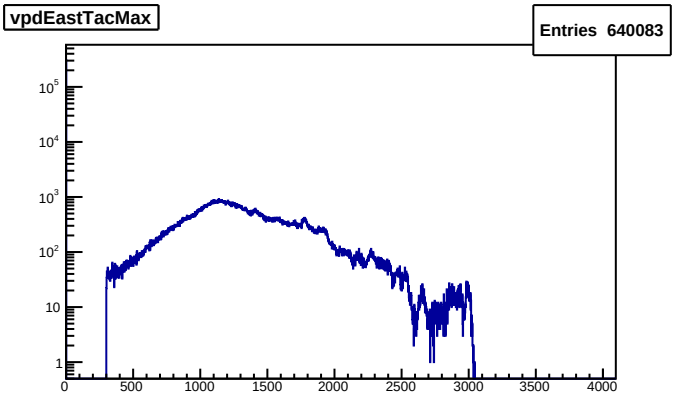
Entries 0
Data
Simu

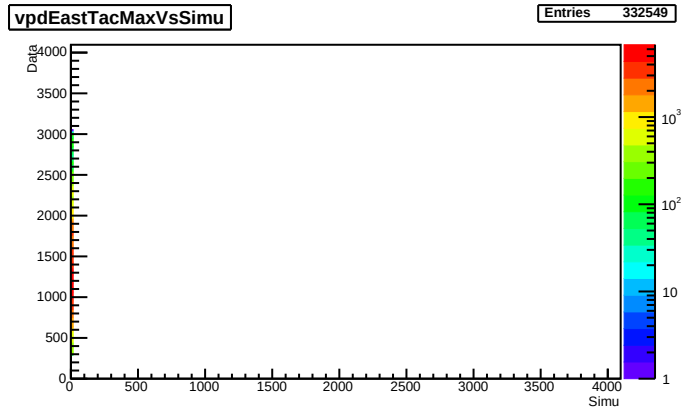

epdWestNHits
Entries 640083

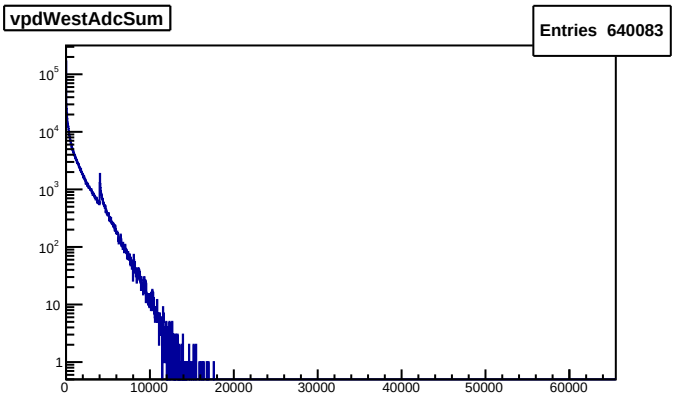

epdWestNHitsVsSimu
Entries 0
Data
Simu

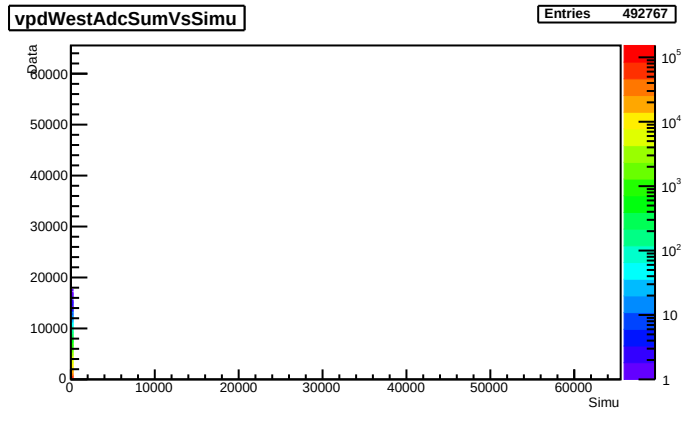

vpdEastAdcSum
Entries 640083

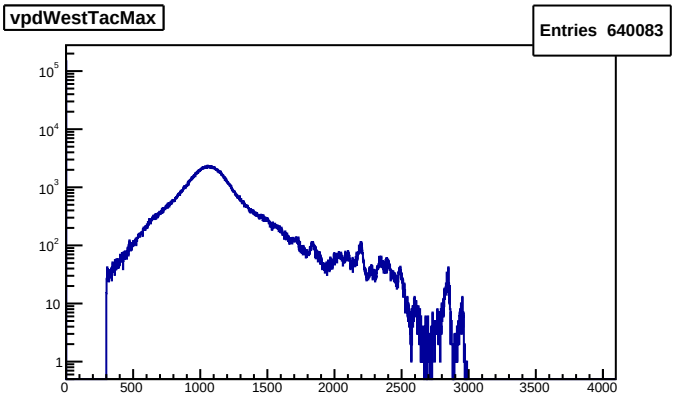

vpdEastAdcSumVsSimu
Entries 332549
Data
Simu

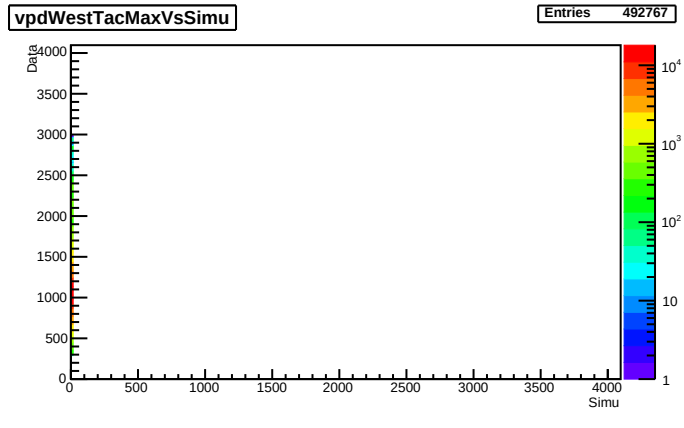

vpdEastTacMax
Entries 640083

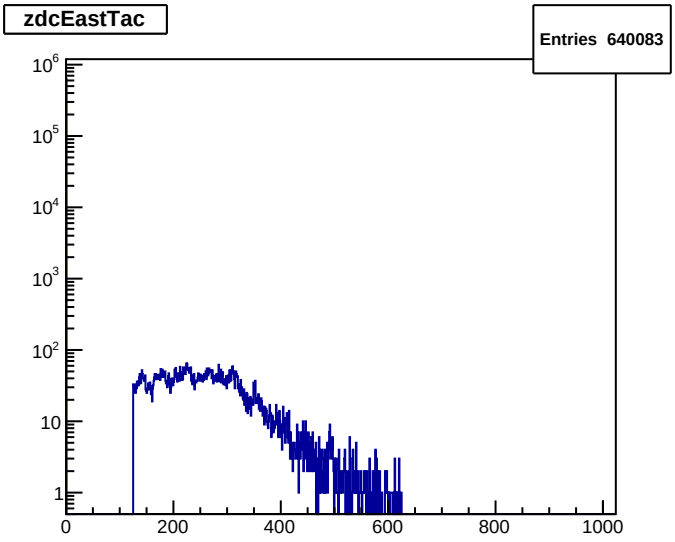

vpdEastTacMaxVsSimu
Entries 332549
Data
Simu

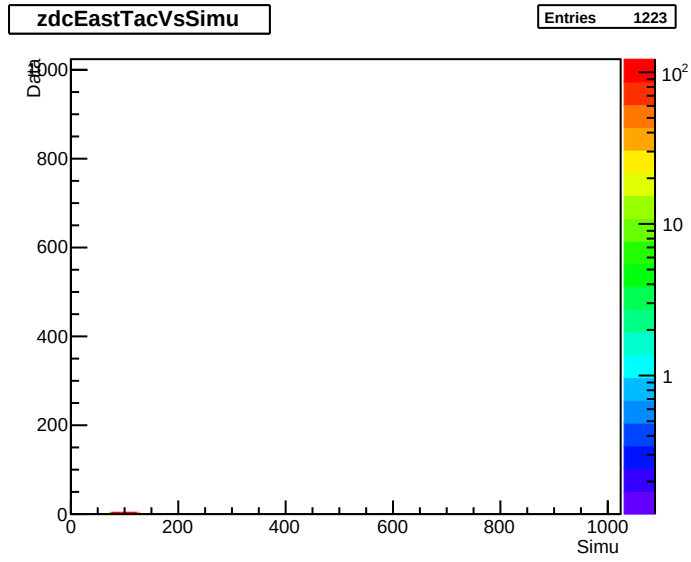

vpdWestAdcSum
Entries 640083

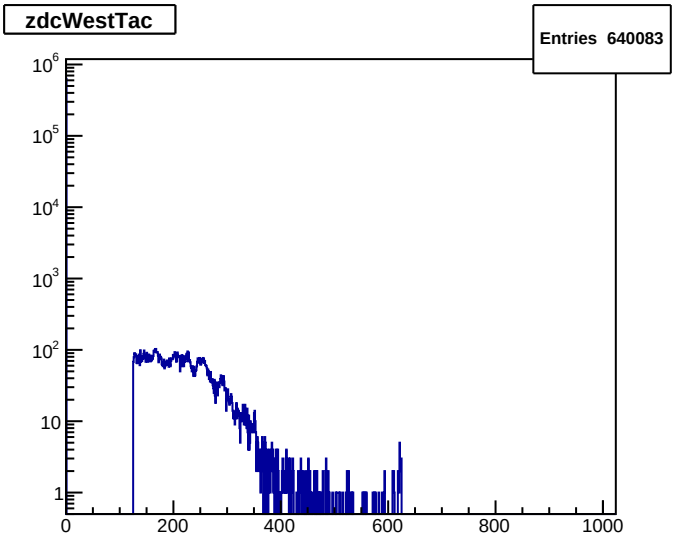

vpdWestAdcSumVsSimu
Entries 492767
Data
Simu

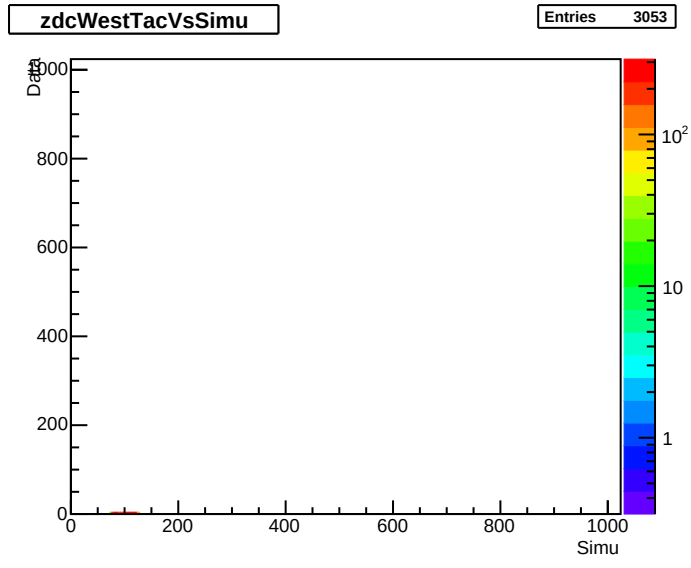

vpdWestTacMax
Entries 640083

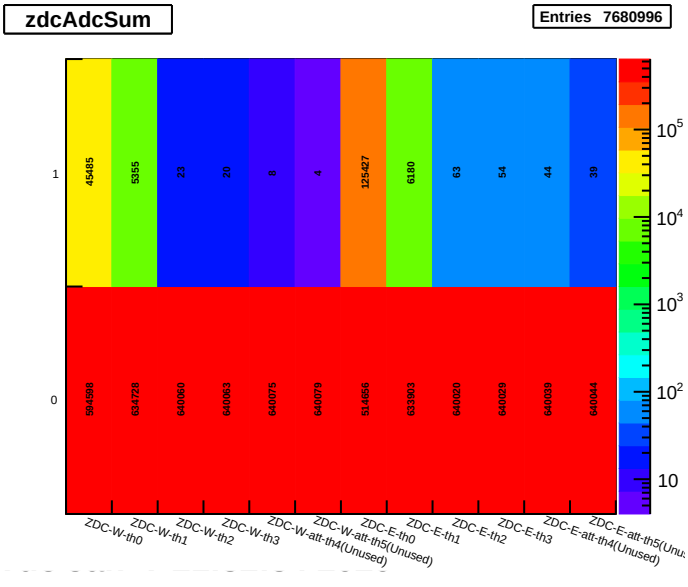

vpdWestTacMaxVsSimu
Entries 492767
Data
Simu

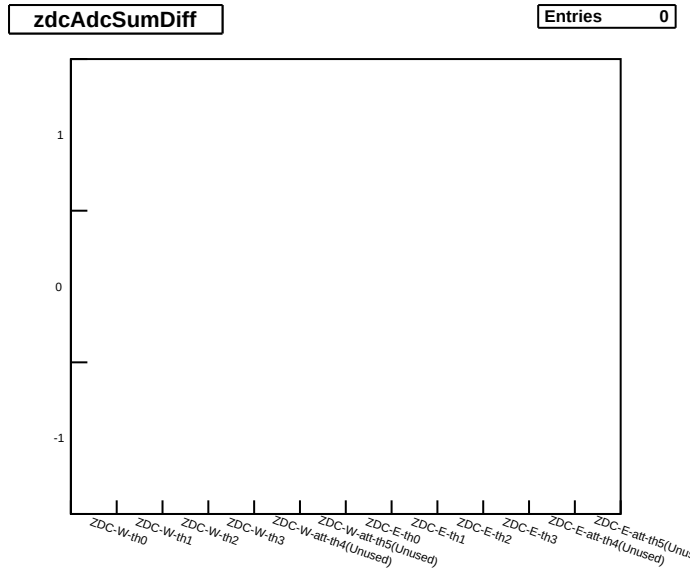

zdcEastTac
Entries 640083

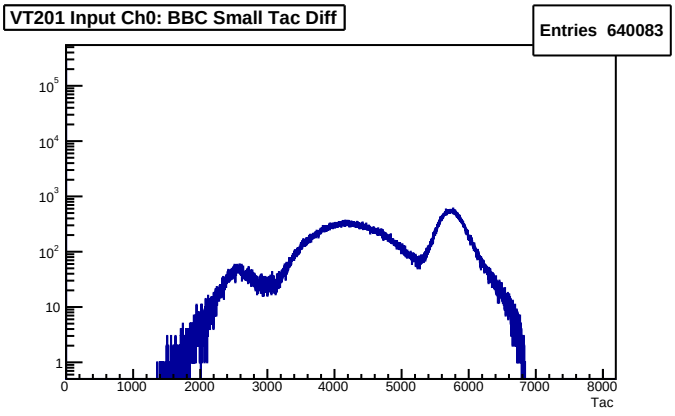

zdcEastTacVsSimu
Entries 1223
Data
Simu

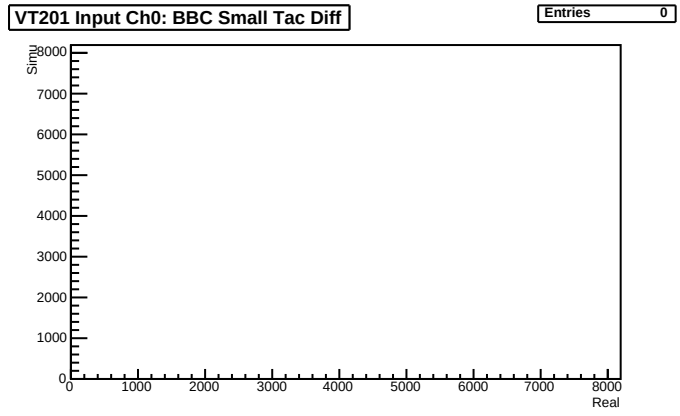

zdcWestTac
Entries 640083

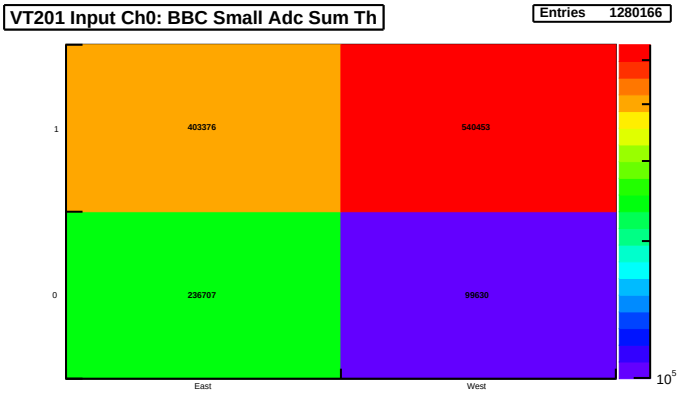

zdcWestTacVsSimu
Entries 3053
Data
Simu

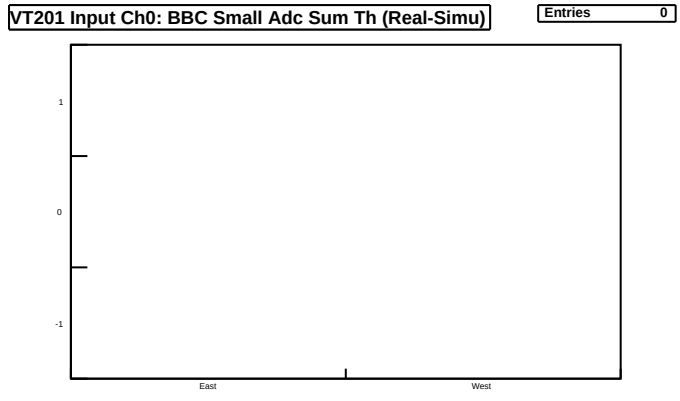

zdcAdcSum
Entries 7680996
45485
5355
23
20
8
4
125427
6180
63
54
44
39
594598
634728
640060
640063
640075
640079
514656
633903
640020
640029
640039
640044
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

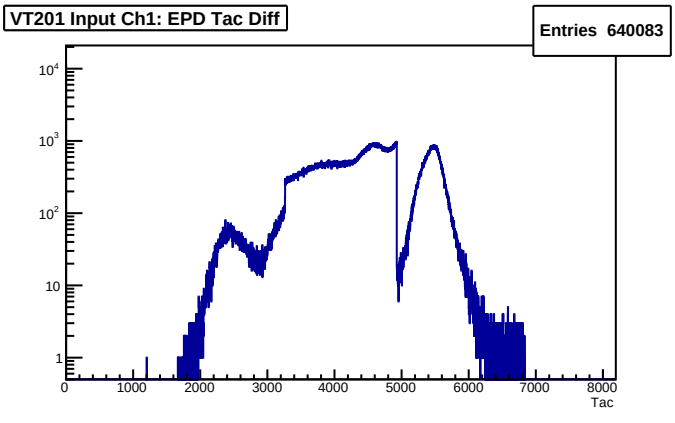

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

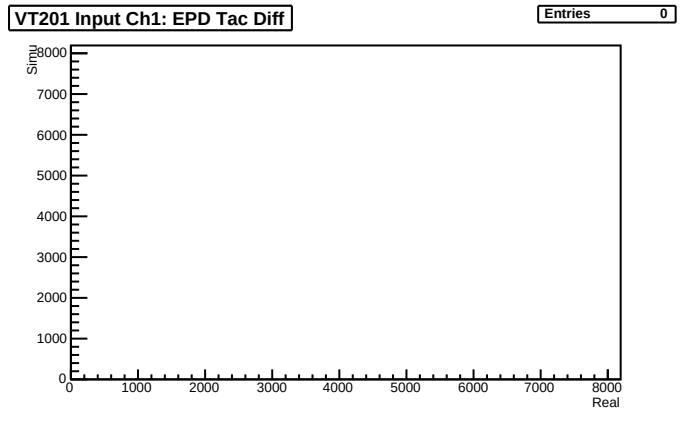

VT201 Input Ch0: BBC Small Tac Diff
Entries 640083
Tac

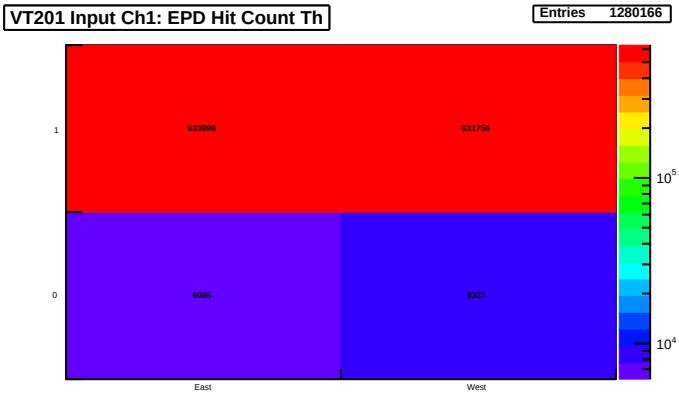

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

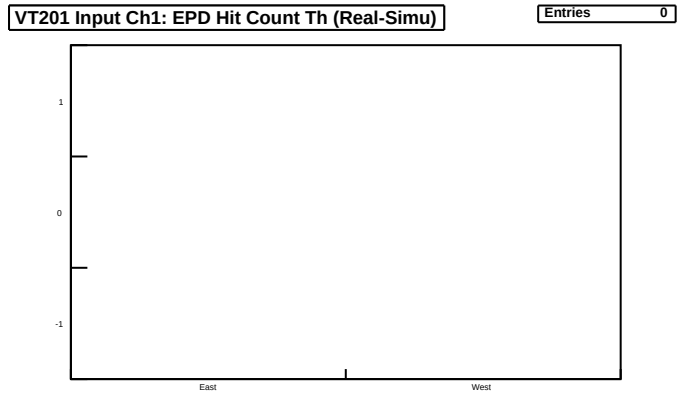

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1280166
403376
540453
236707
99630
East
West

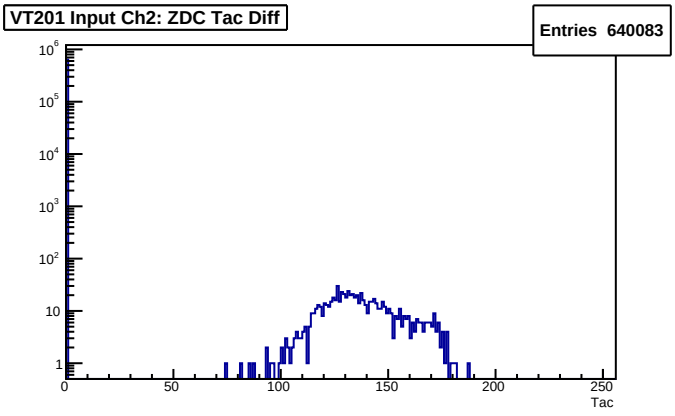

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

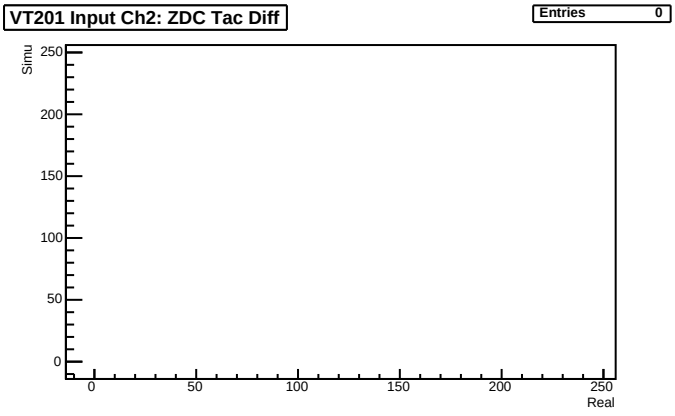

VT201 Input Ch1: EPD Tac Diff
Entries 640083
Tac

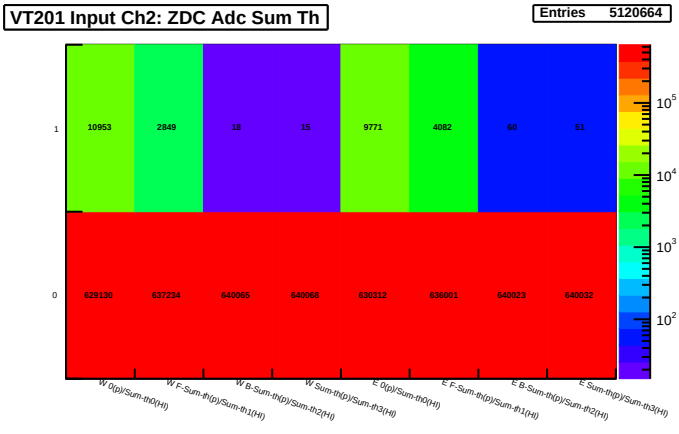

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

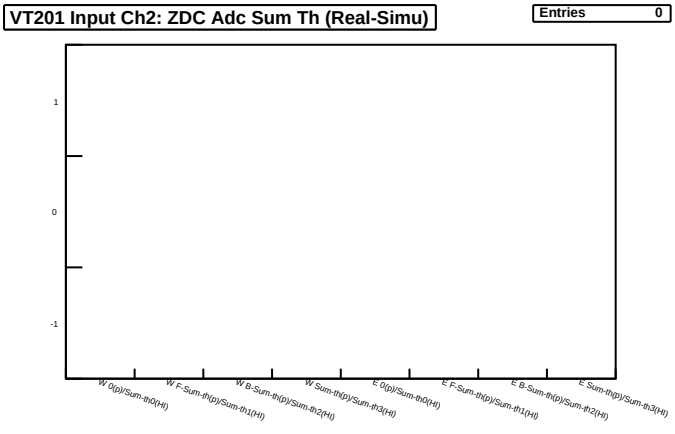

VT201 Input Ch1: EPD Hit Count Th
Entries 1280166
633998
631756
6085
8327
East
West

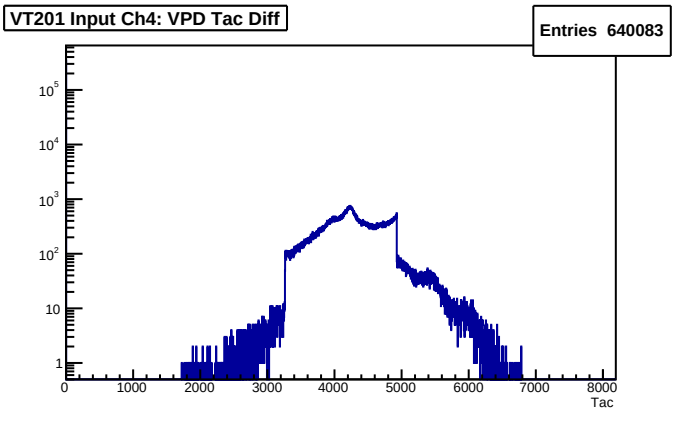

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

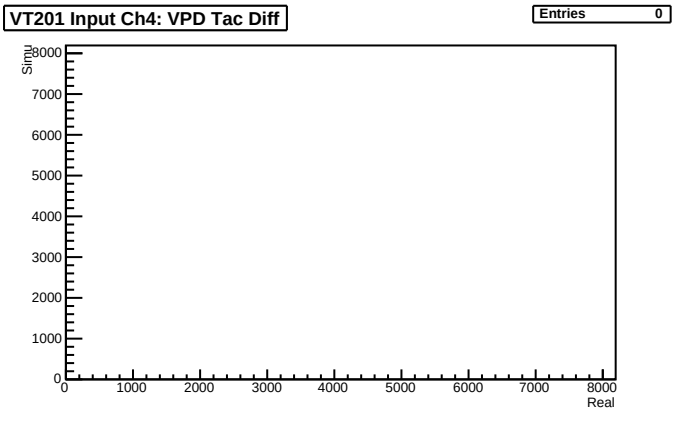

VT201 Input Ch2: ZDC Tac Diff
Entries 640083
Tac

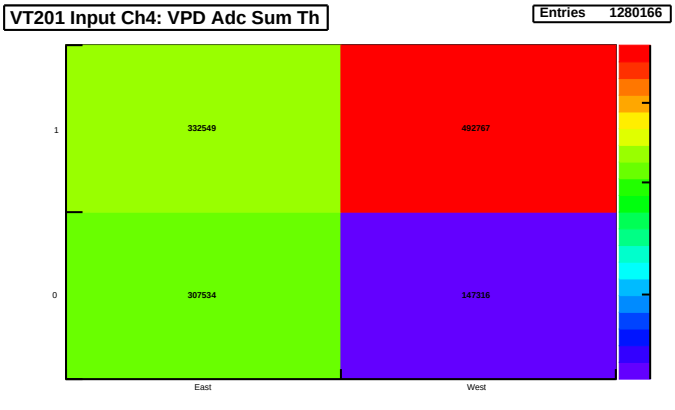

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

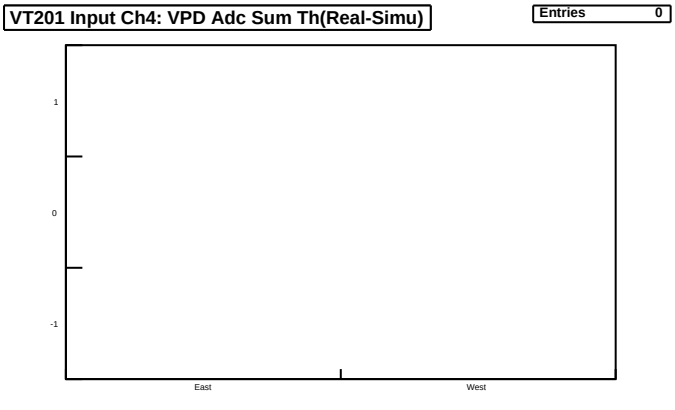

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5120664
10953
2849
18
15
9771
4082
60
51
629130
637234
640065
640068
630312
636001
640023
640032
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

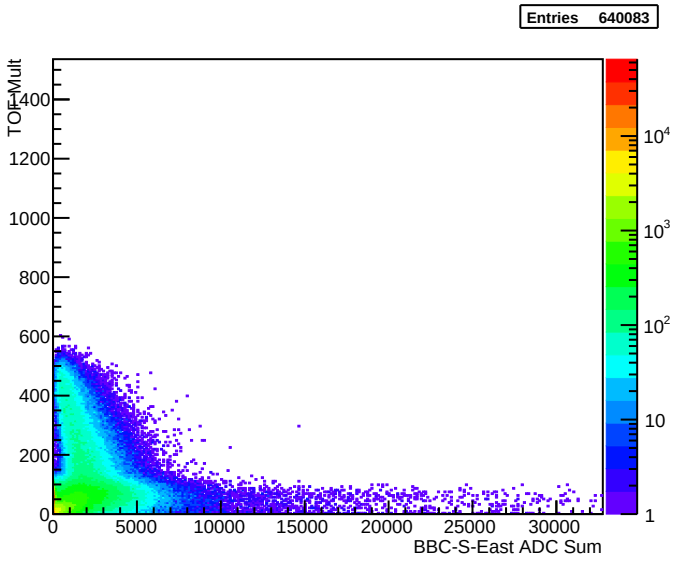

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

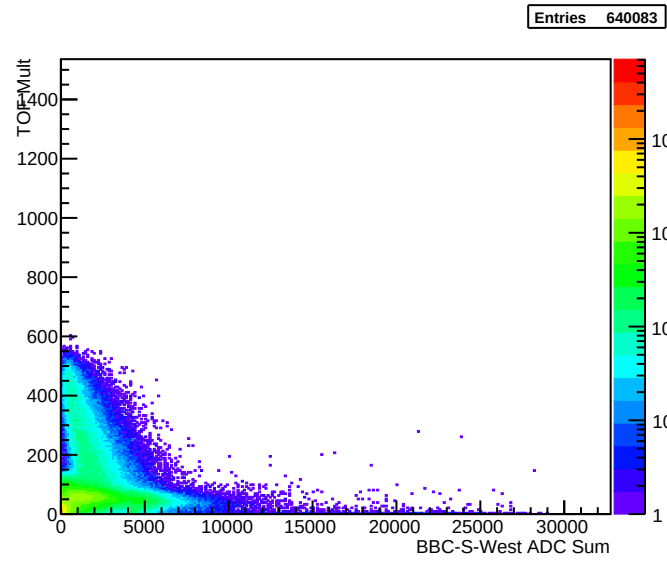

VT201 Input Ch4: VPD Tac Diff
Entries 640083
Tac

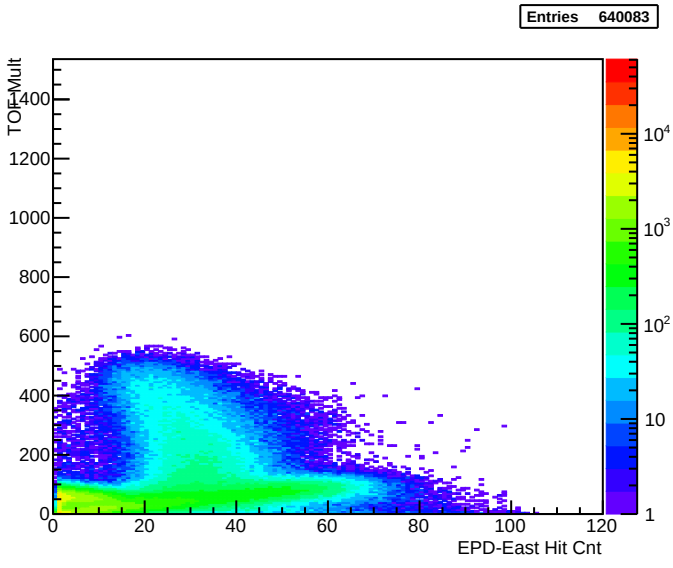

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

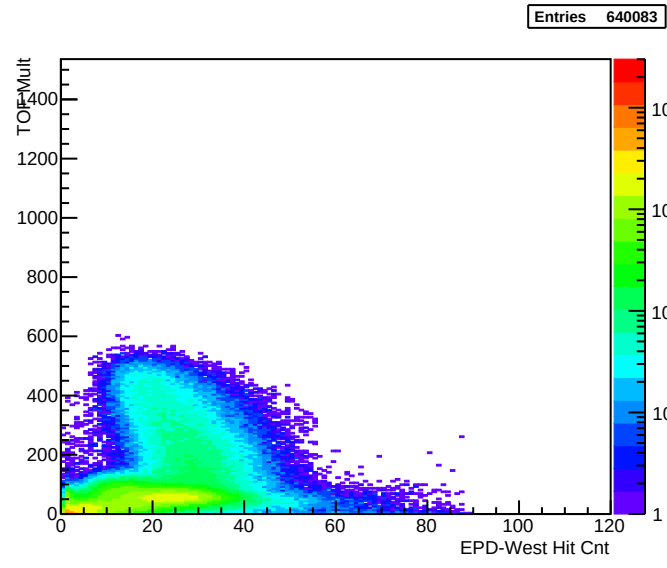

VT201 Input Ch4: VPD Adc Sum Th
Entries 1280166
332549
492767
307534
147316
East
West

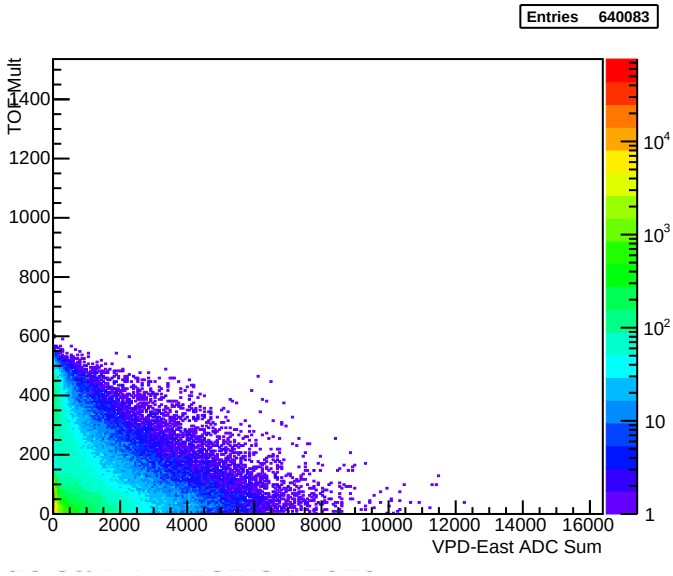

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

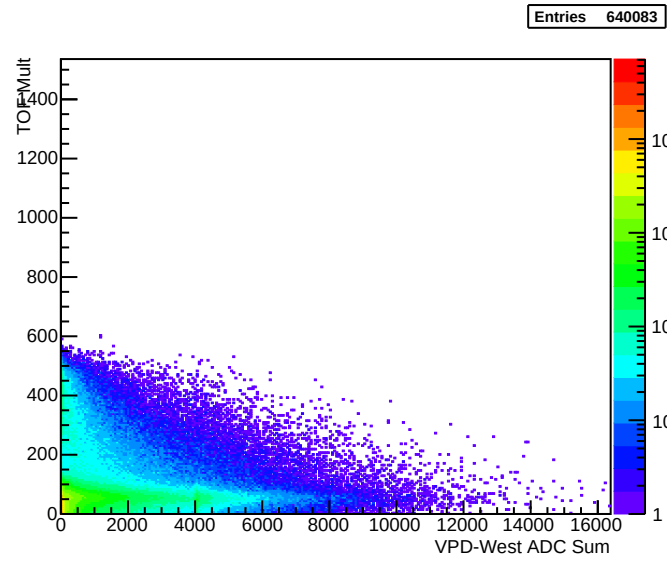

Entries 640083
TOF-Mult
BBC-S-East ADC Sum

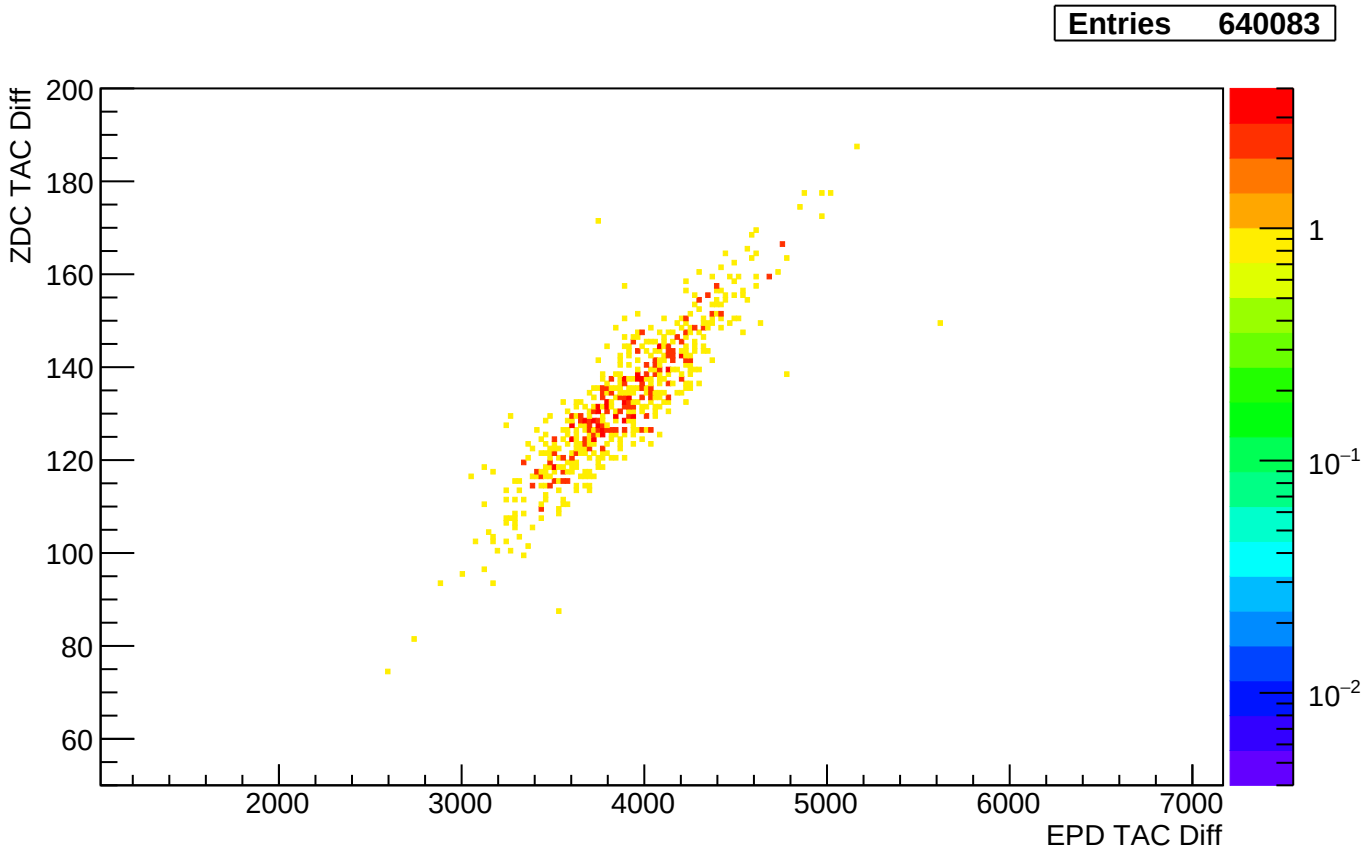

Entries 640083
TOF-Mult
BBC-S-West ADC Sum

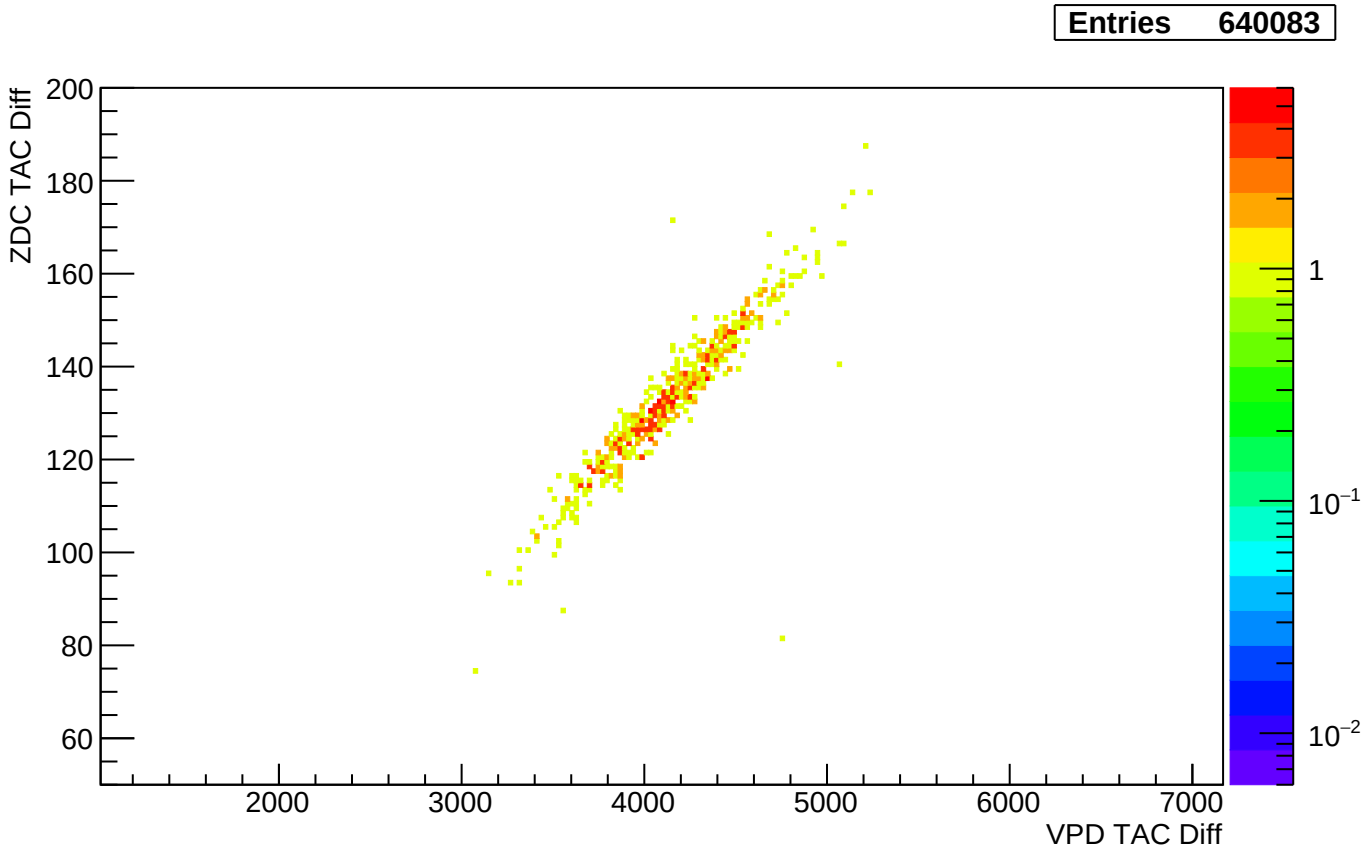

Entries 640083
TOF-Mult
EPD-East Hit Cnt

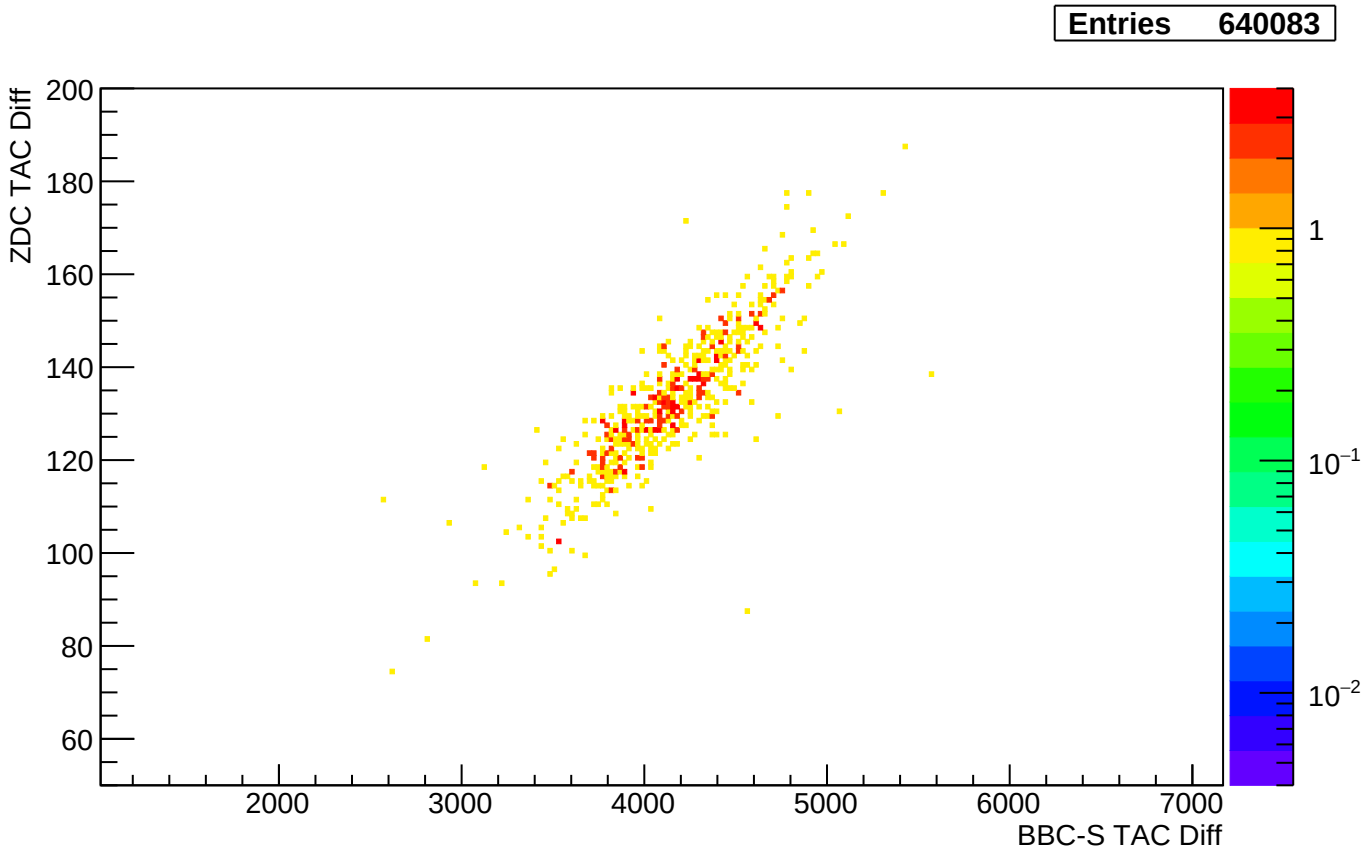

Entries 640083
TOF-Mult
EPD-West Hit Cnt

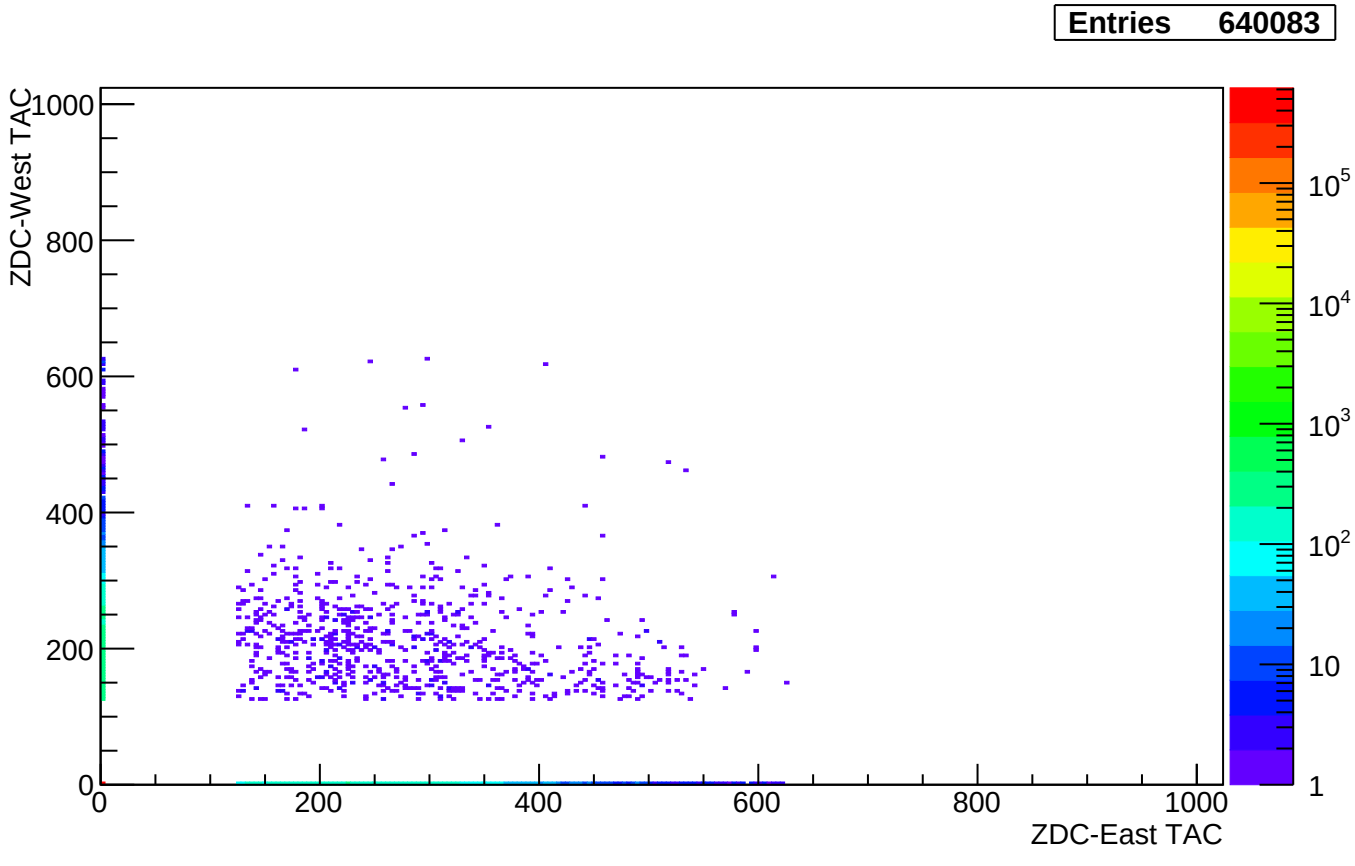

Entries 640083
TOF-Mult
VPD-East ADC Sum

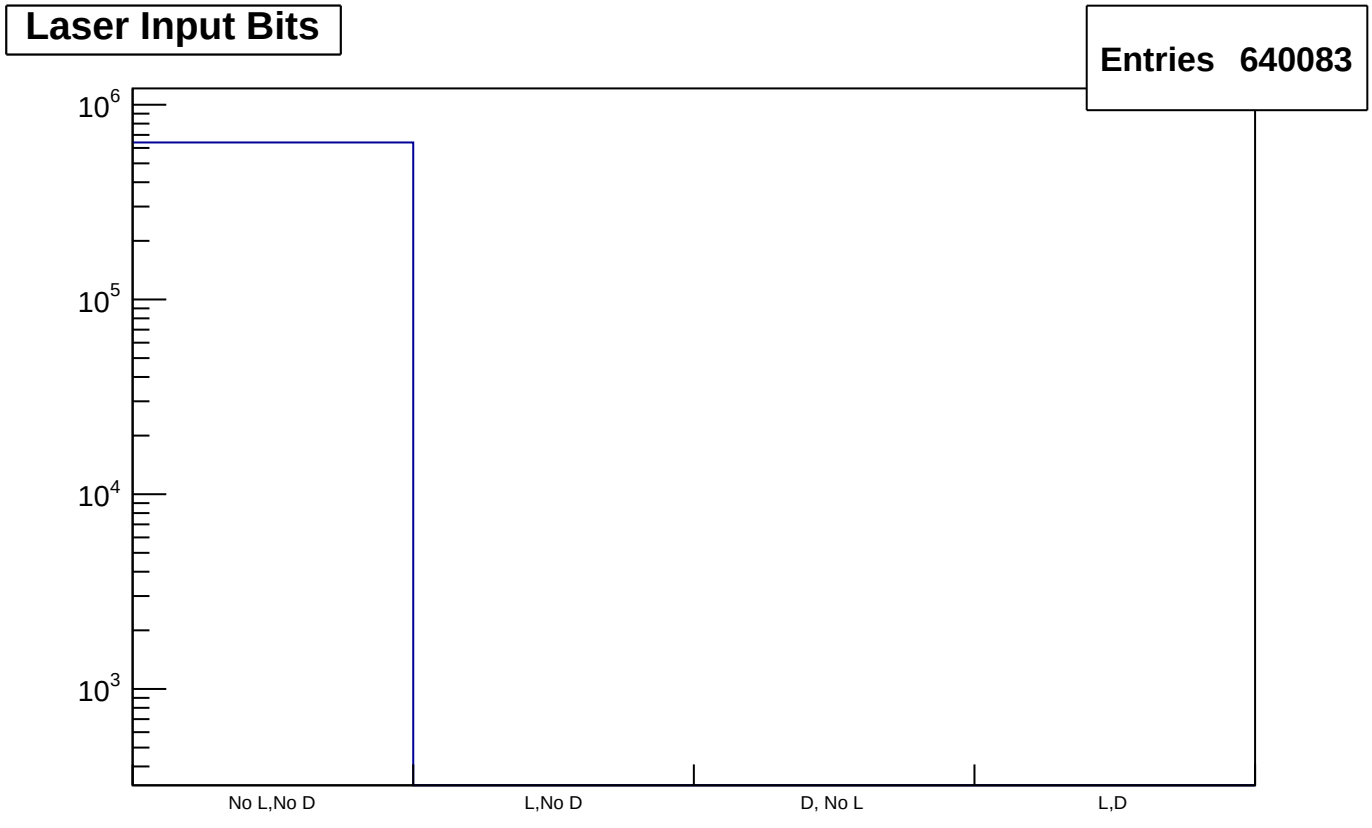

Entries 640083
TOF-Mult
VPD-West ADC Sum

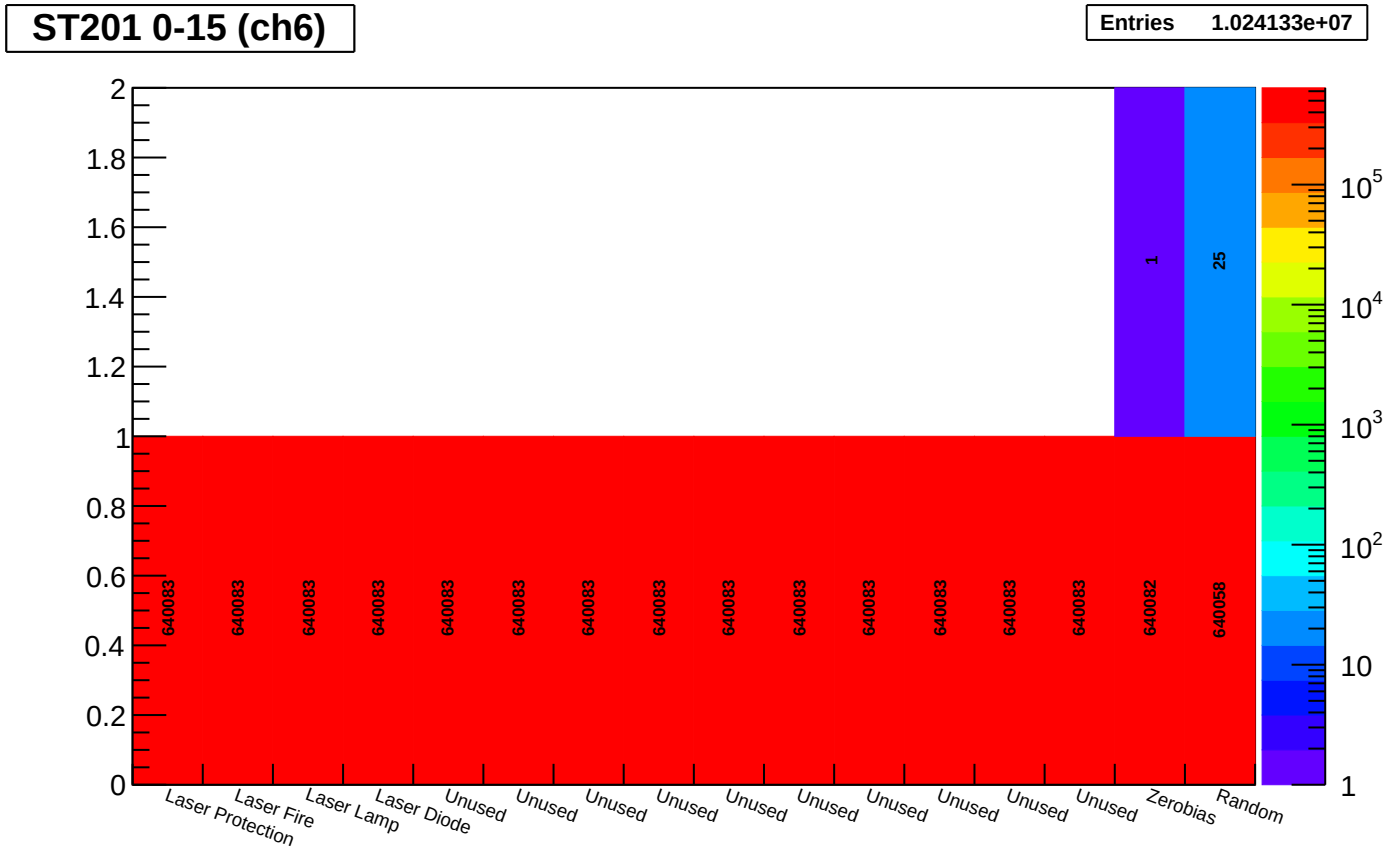

Entries 640083
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 640083
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

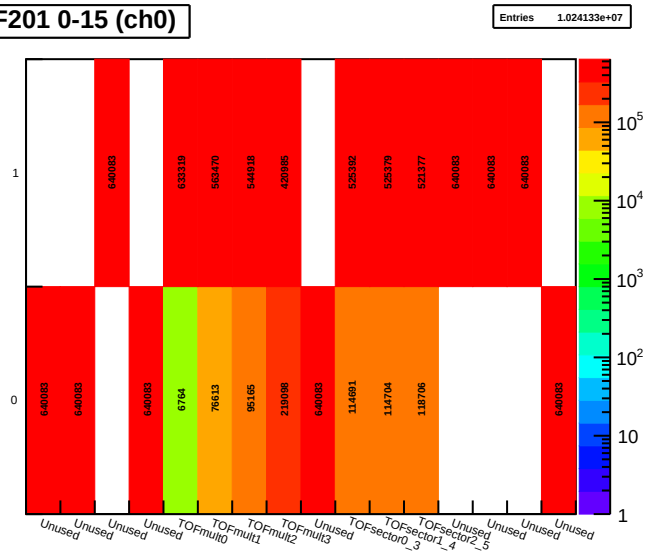

Entries 640083
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}


Entries 640083
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

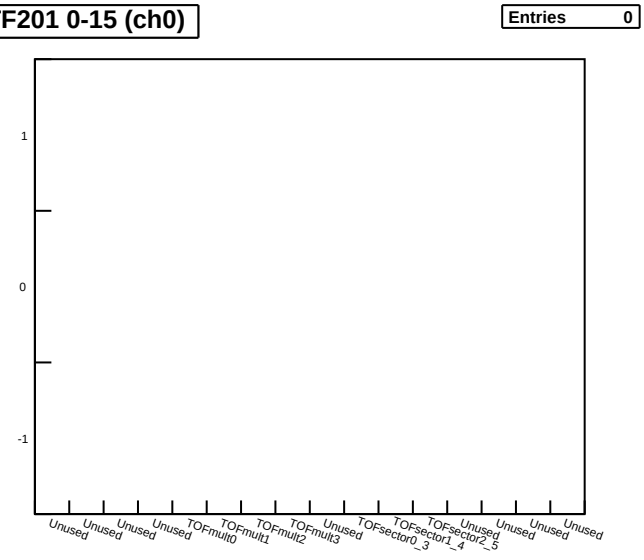

Laser Input Bits
Entries 640083
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.024133e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
640083
640083
640083
640083
640083
640083
640083
640083
640083
640083
640083
640083
640083
640083
640082
640058
1
25
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

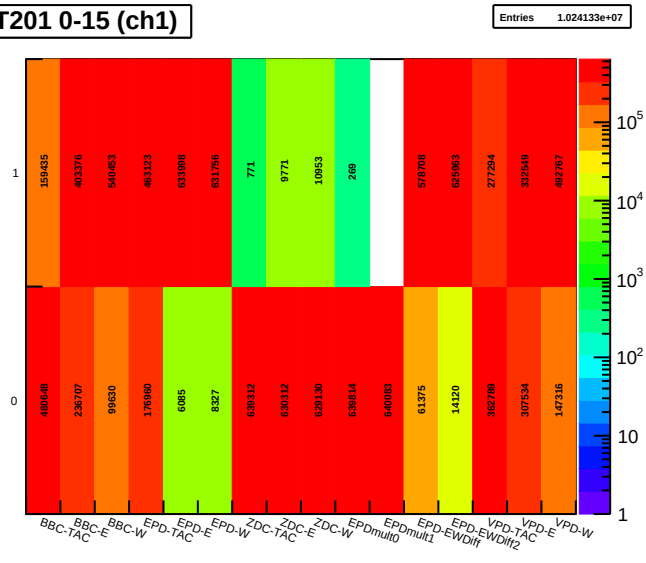
TF201 0-15 (ch0)



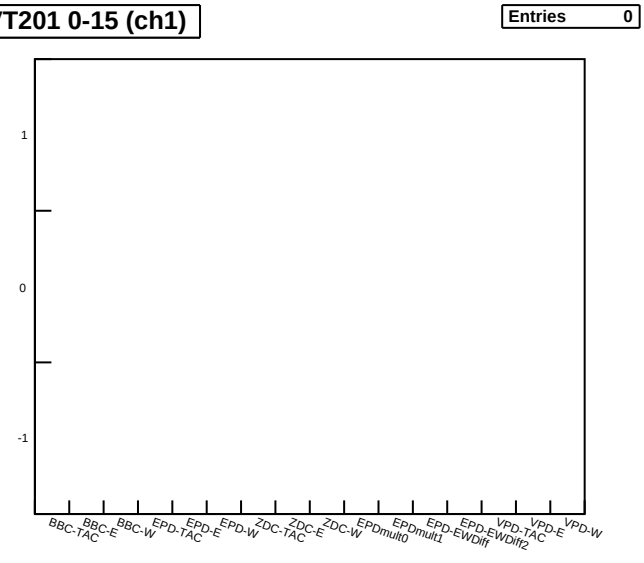
TF201 0-15 (ch0)



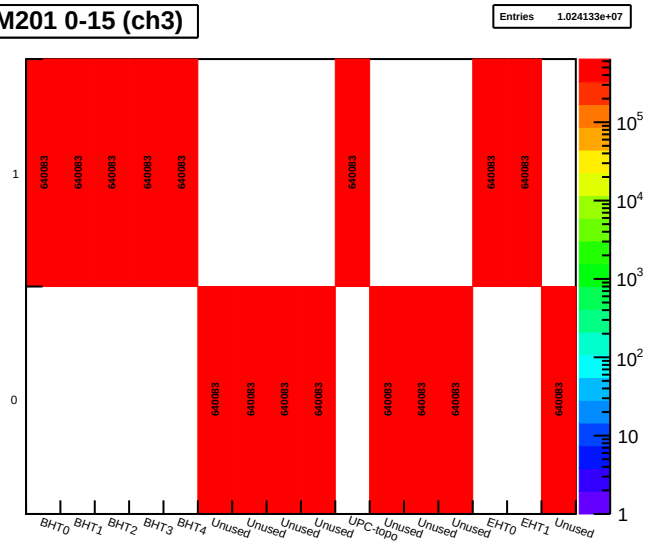
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)


Entries 1.024133e+07
1
0
640083
640083
640083
640083
640083
640083
640083