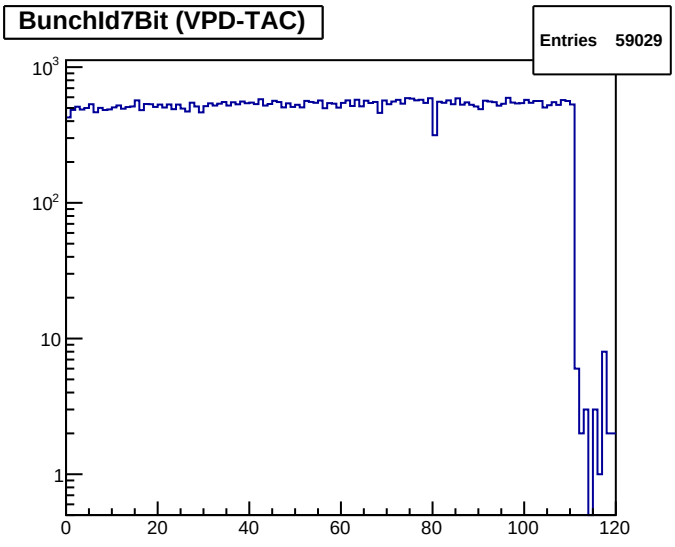
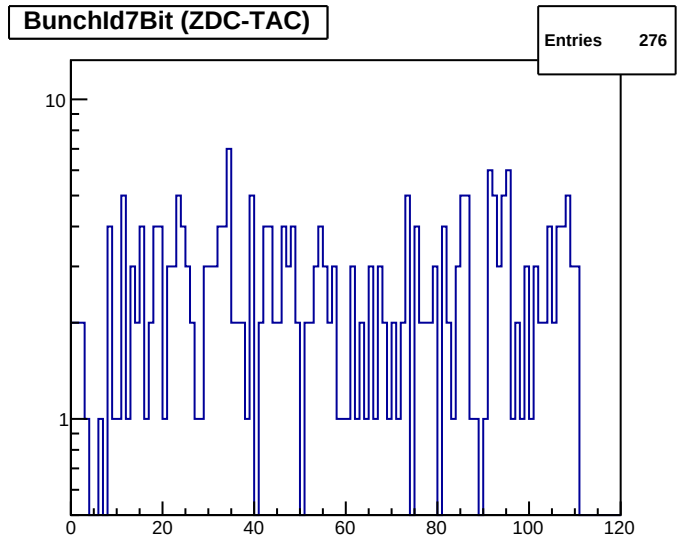
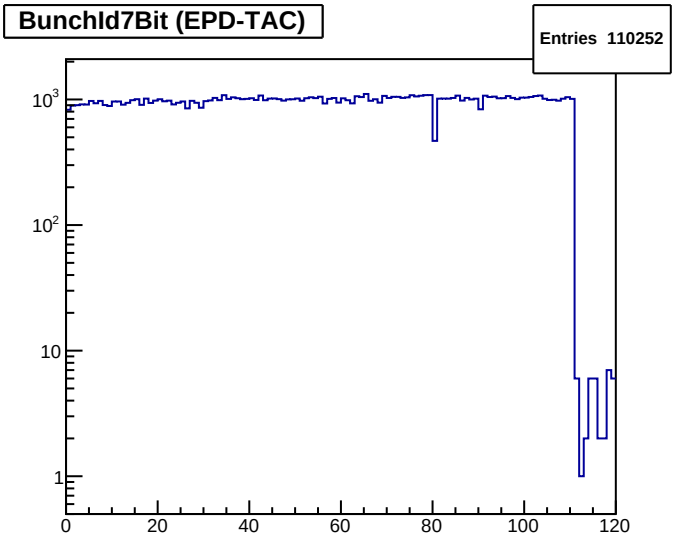
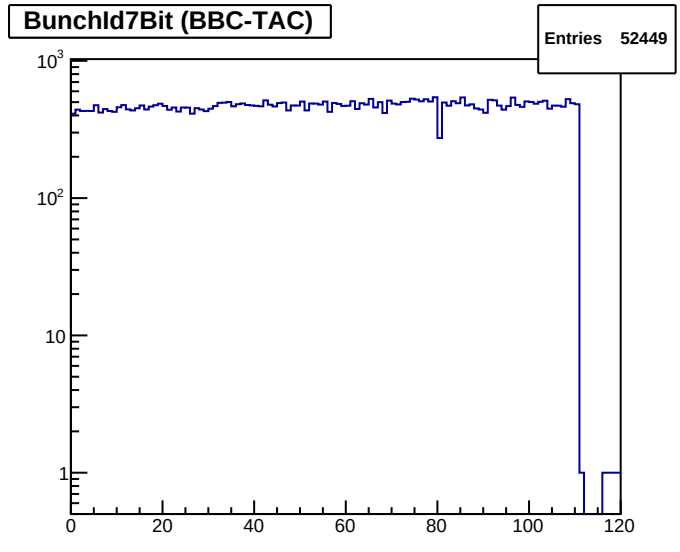
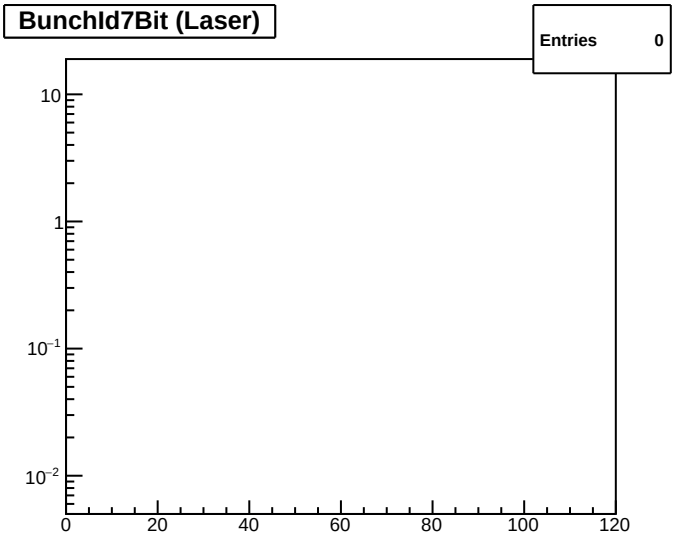
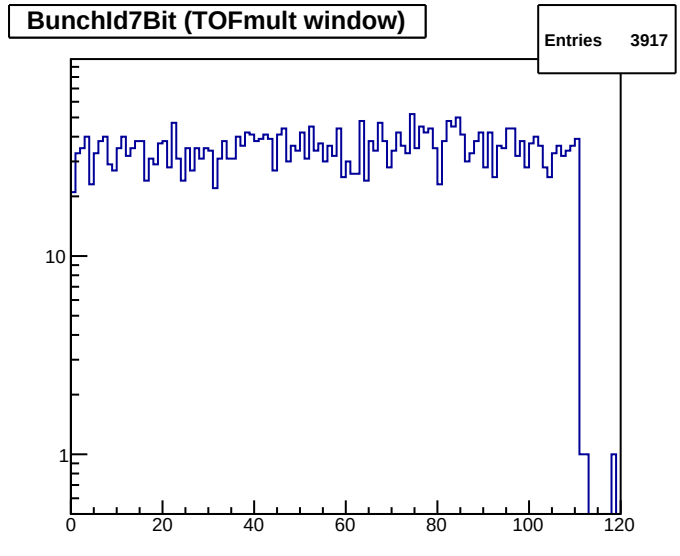

BunchId7Bit (VPD-TAC)
Entries 59029

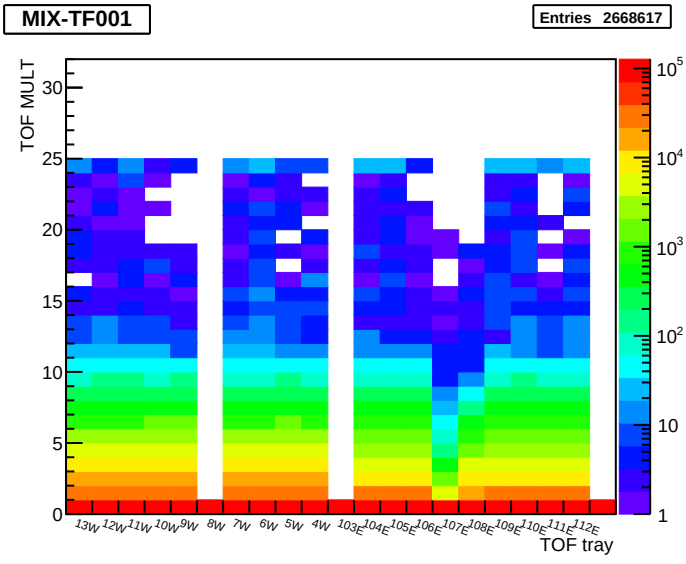

BunchId7Bit (ZDC-TAC)
Entries 276

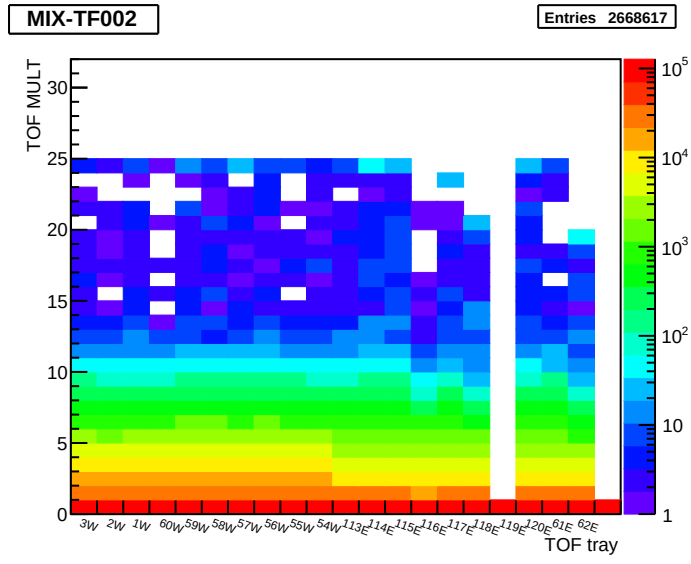

BunchId7Bit (EPD-TAC)
Entries 110252

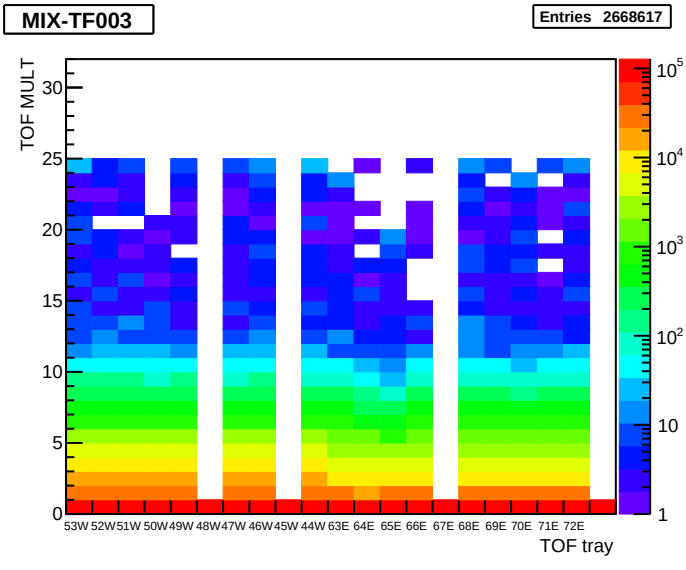

BunchId7Bit (BBC-TAC)
Entries 52449

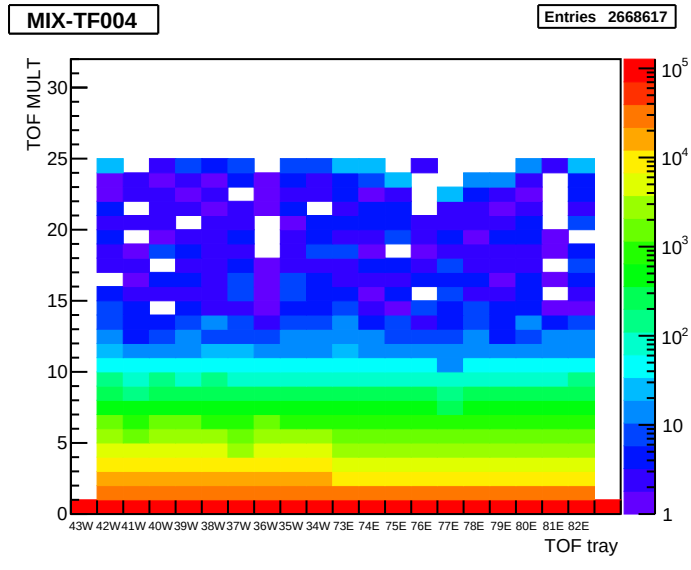

BunchId7Bit (Laser)
Entries 0

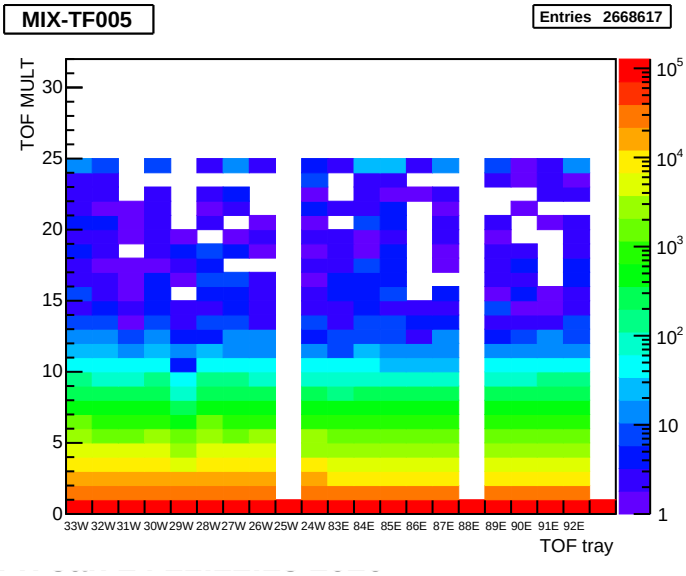

BunchId7Bit (TOFmult window)
Entries 3917

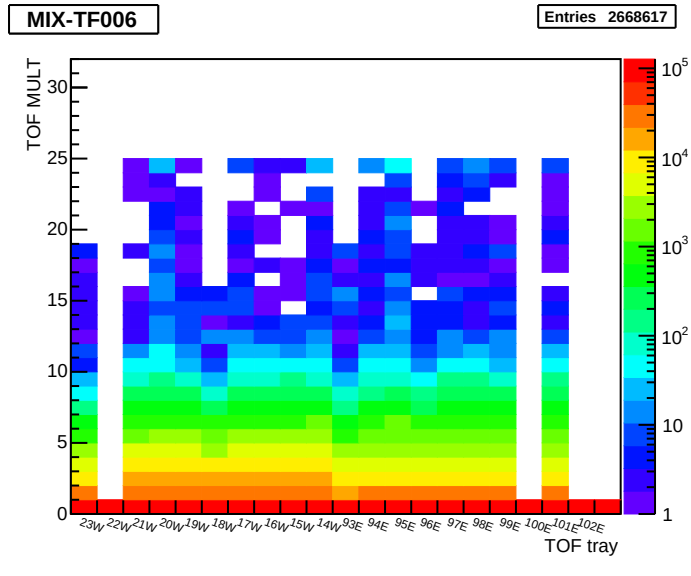

MIX-TF001
Entries 2668617
TOF MULT
TOF tray

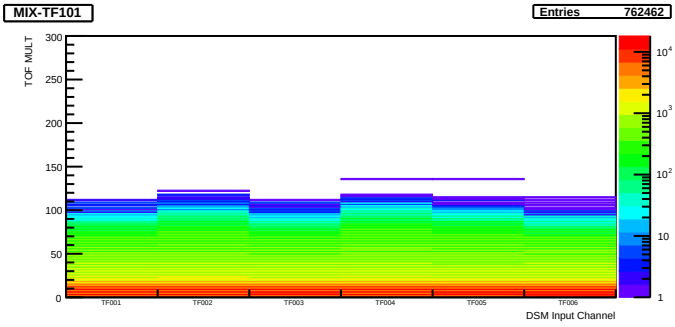

MIX-TF002
Entries 2668617
TOF MULT
TOF tray

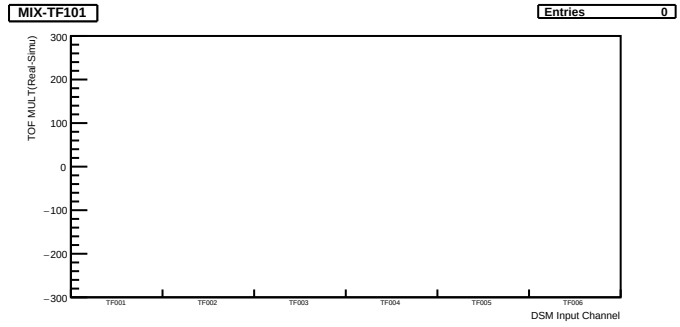

MIX-TF003
Entries 2668617
TOF MULT
TOF tray

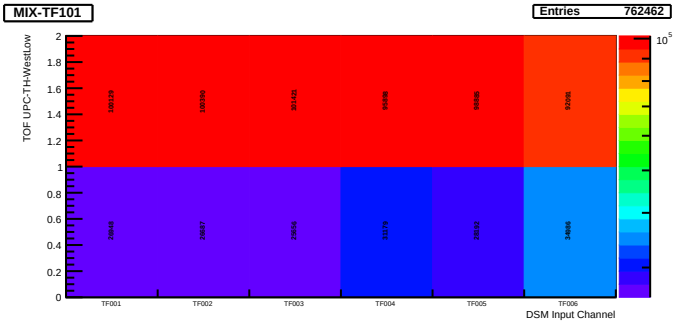

MIX-TF004
Entries 2668617
TOF MULT
TOF tray

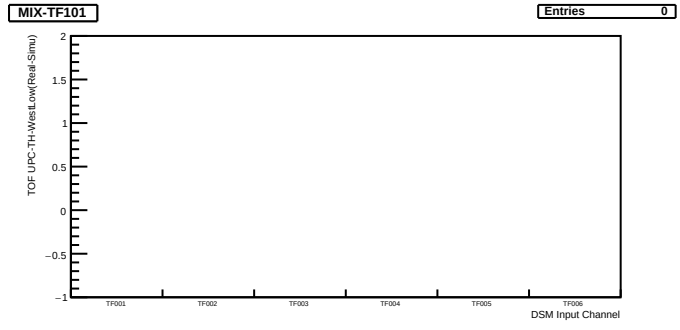

MIX-TF005
Entries 2668617
TOF MULT
TOF tray

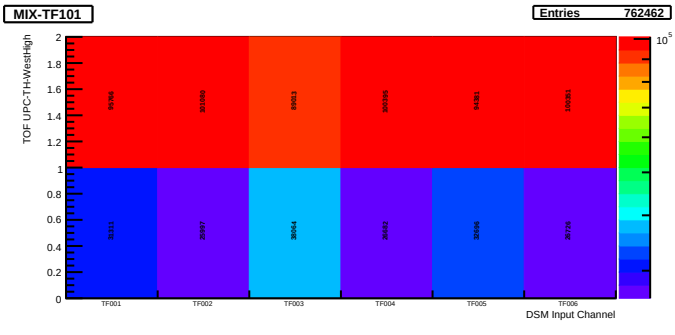

MIX-TF006
Entries 2668617
TOF MULT
TOF tray

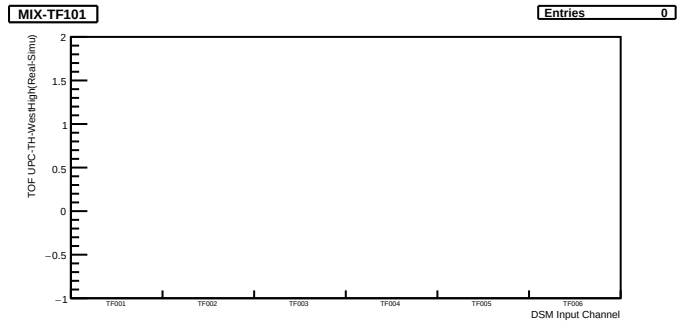

MIX-TF101
Entries 762462
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

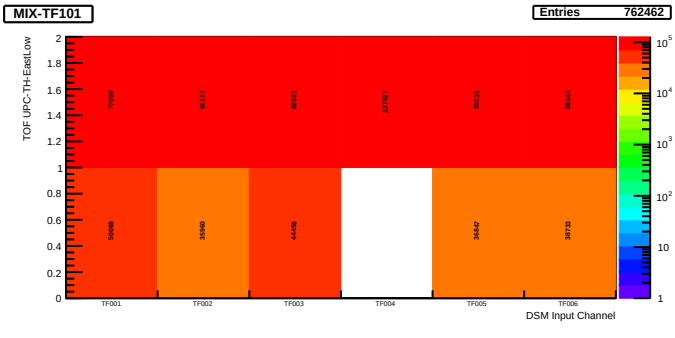

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

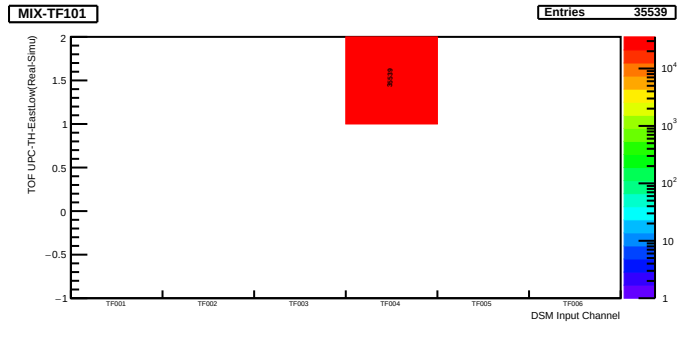

MIX-TF101
Entries 762462
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

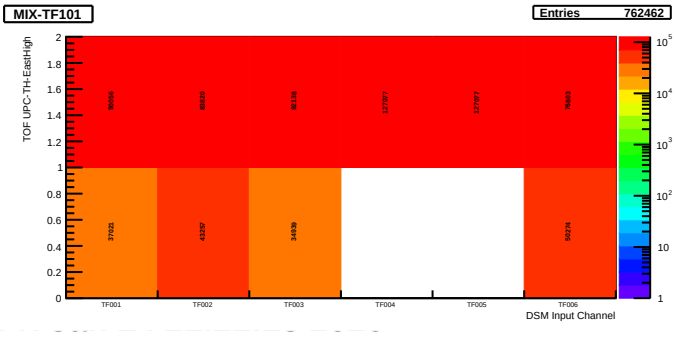

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

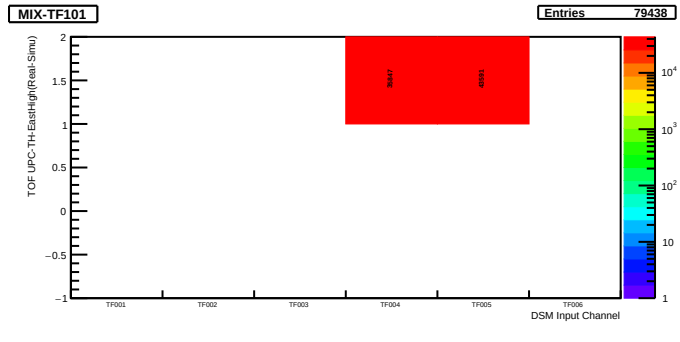

MIX-TF101
Entries 762462
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

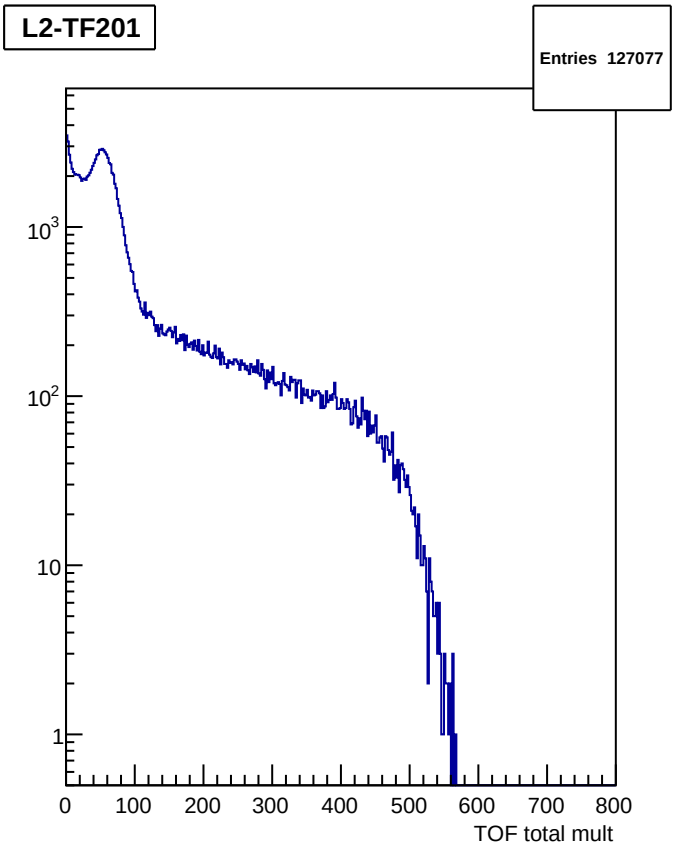

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

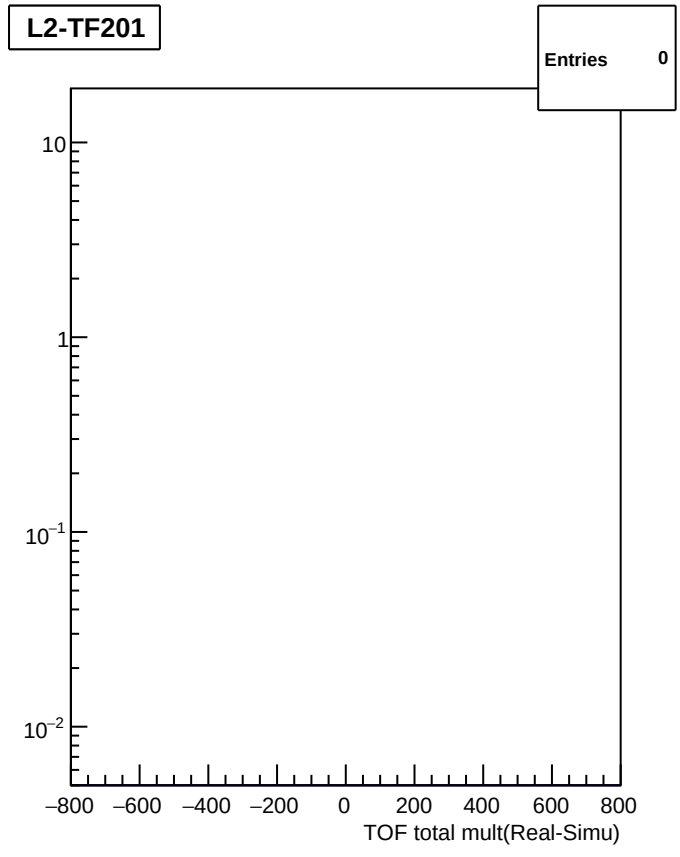

MIX-TF101
Entries 762462
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

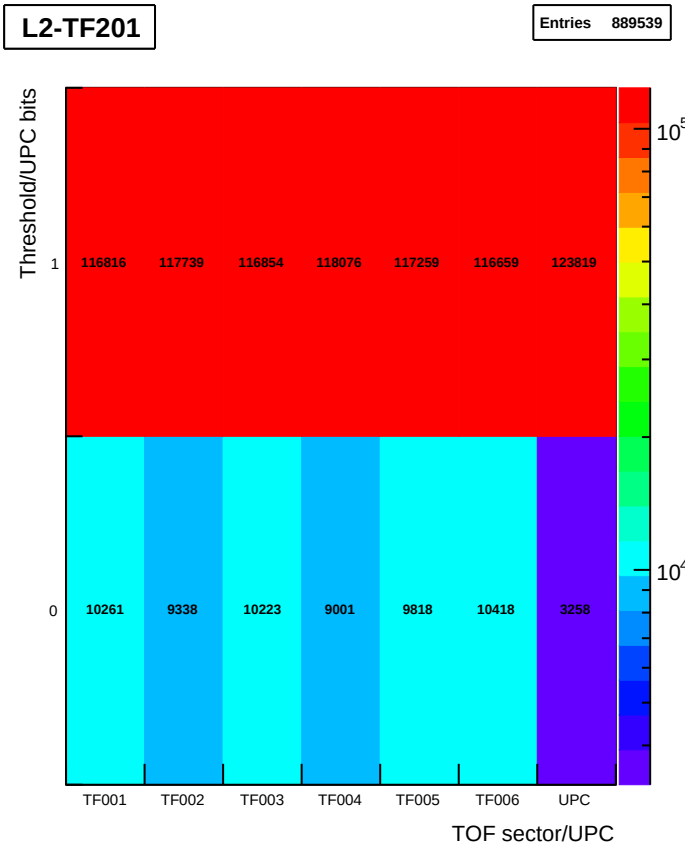

MIX-TF101
Entries 35539
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

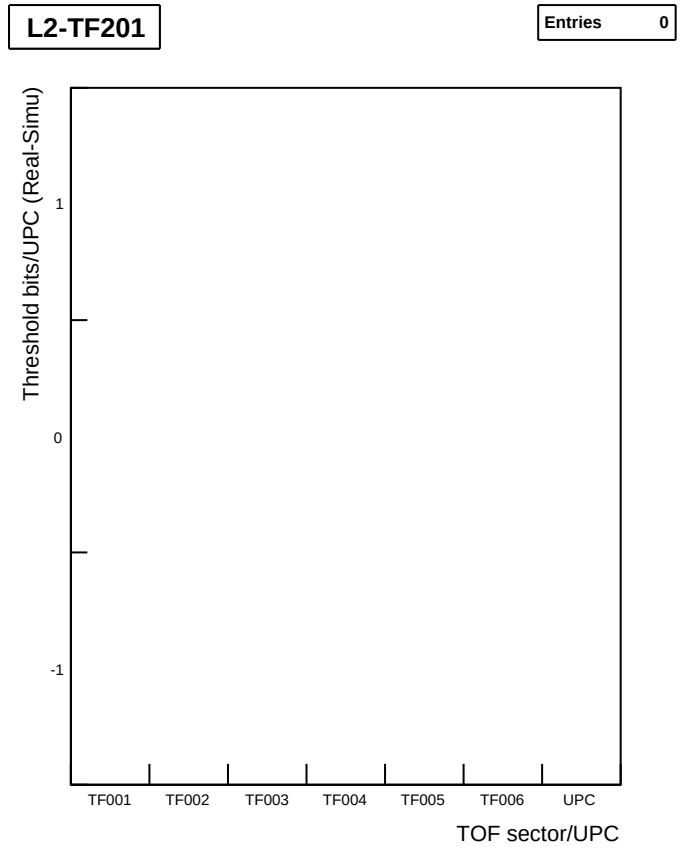

MIX-TF101
Entries 762462
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

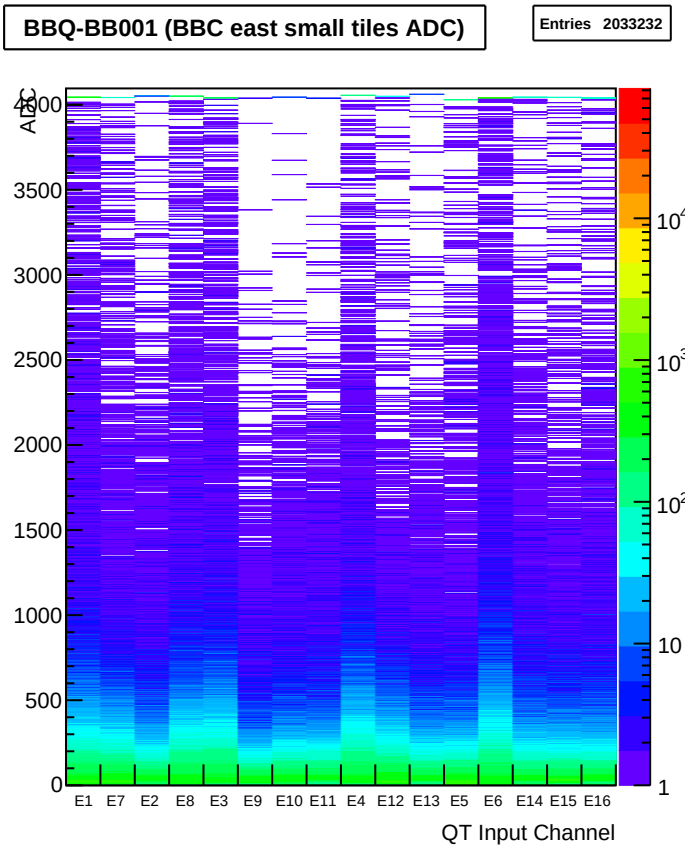

MIX-TF101
Entries 79438
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

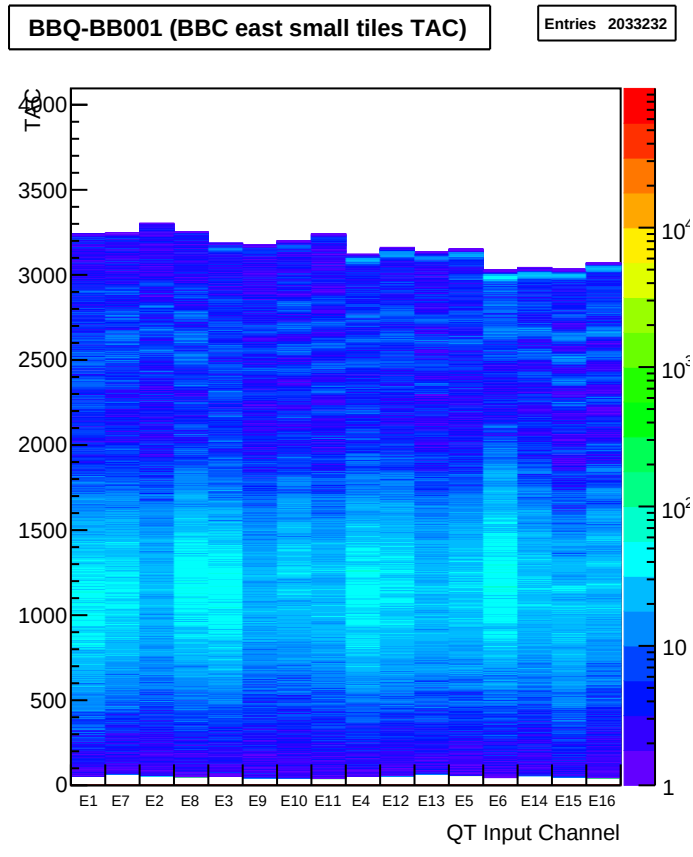

L2-TF201
Entries 127077
TOF total mult

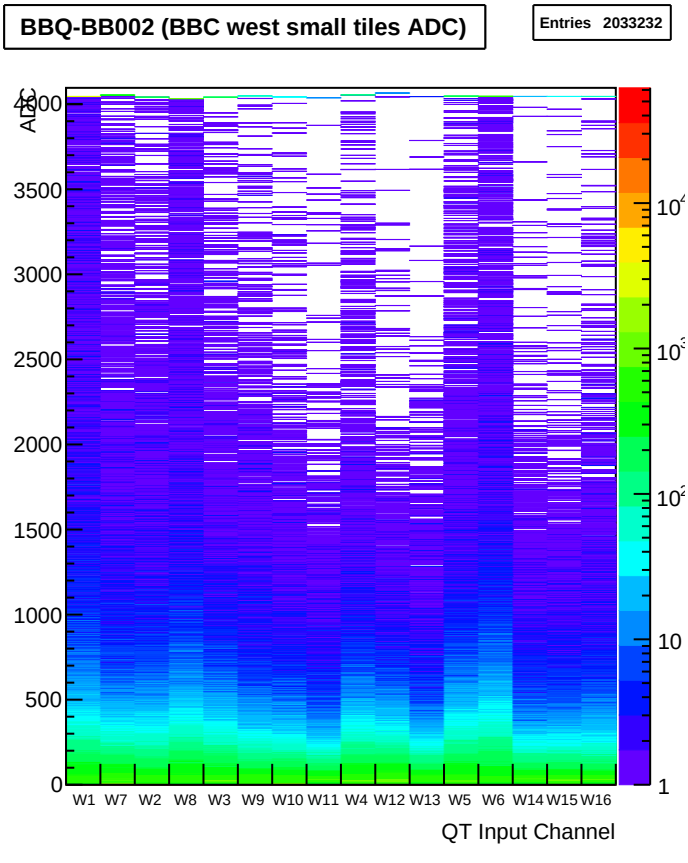

L2-TF201
Entries 0
TOF total mult(Real-Simu)

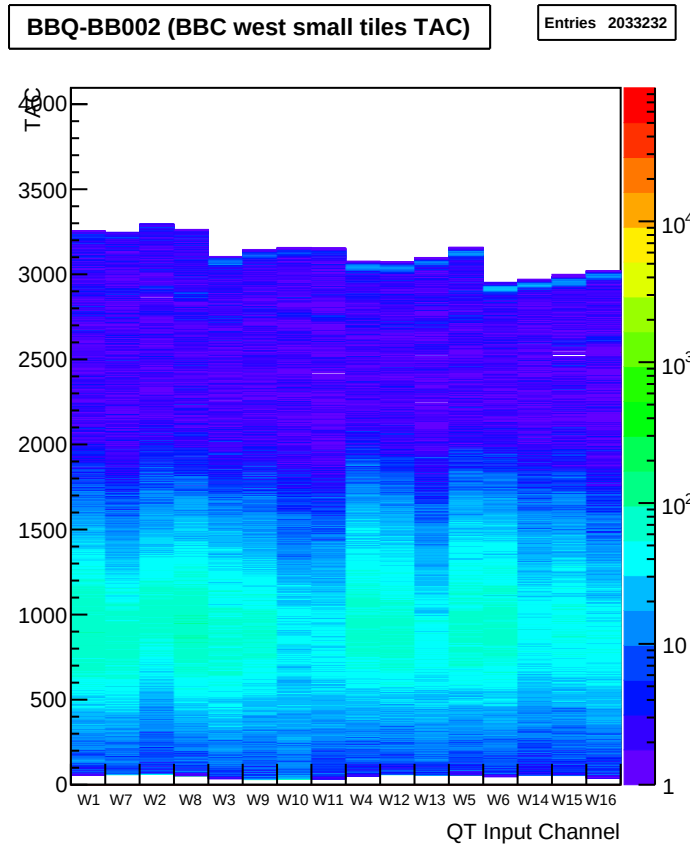

L2-TF201
Entries 889539
Threshold/UPC bits
116816
117739
116854
118076
117259
116659
123819
10261
9338
10223
9001
9818
10418
3258
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

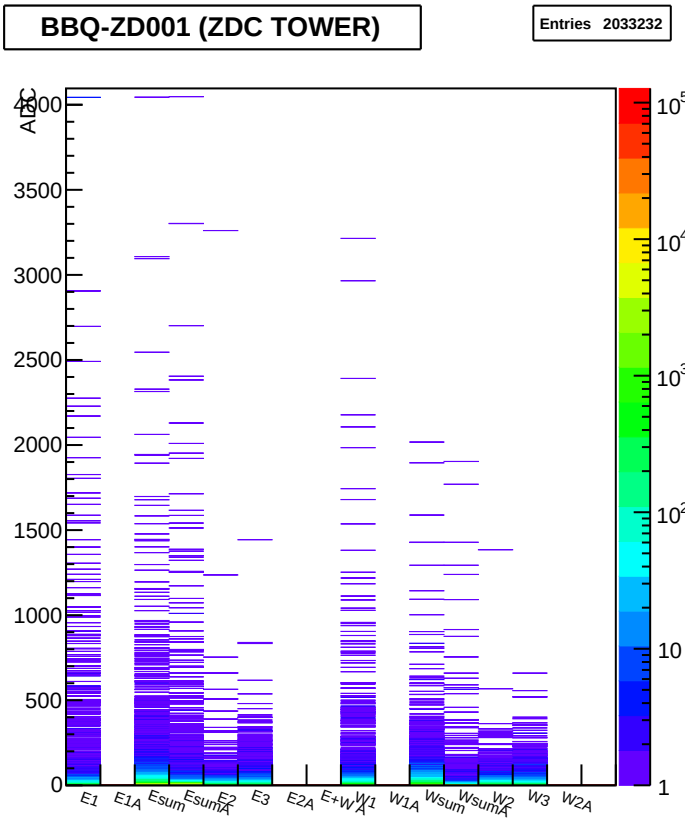

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

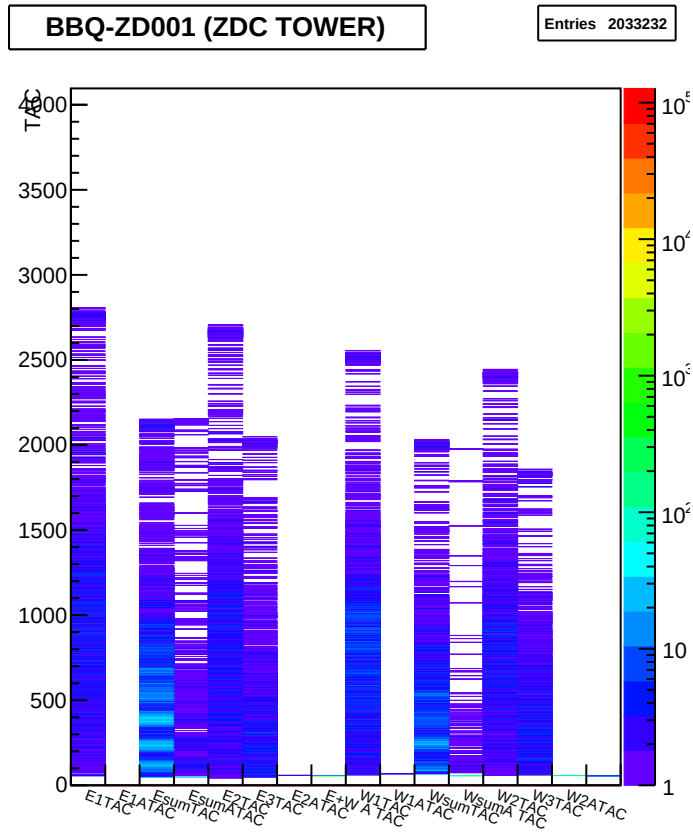

BBQ-BB001 (BBC east small tiles ADC)
Entries 2033232
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

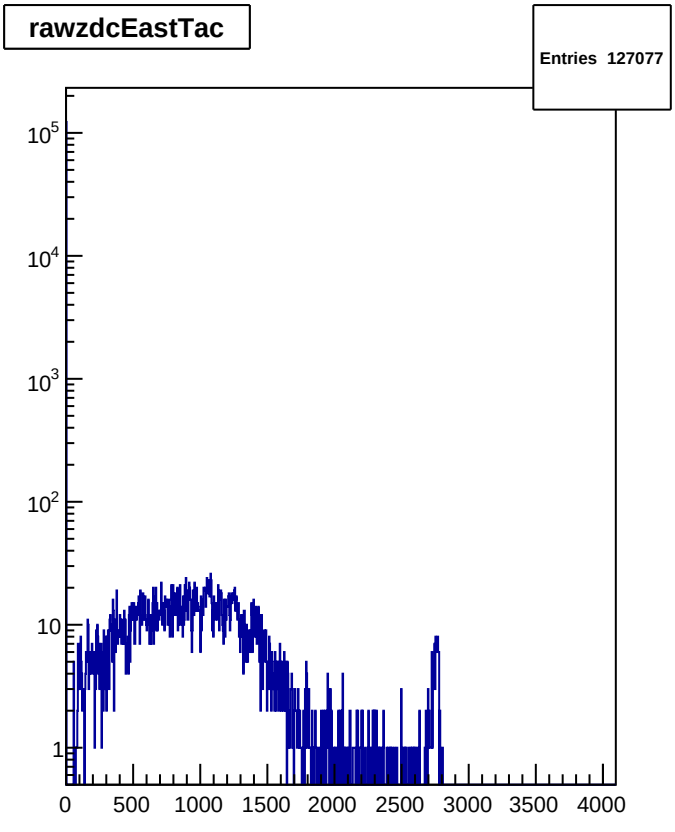

BBQ-BB001 (BBC east small tiles TAC)
Entries 2033232
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

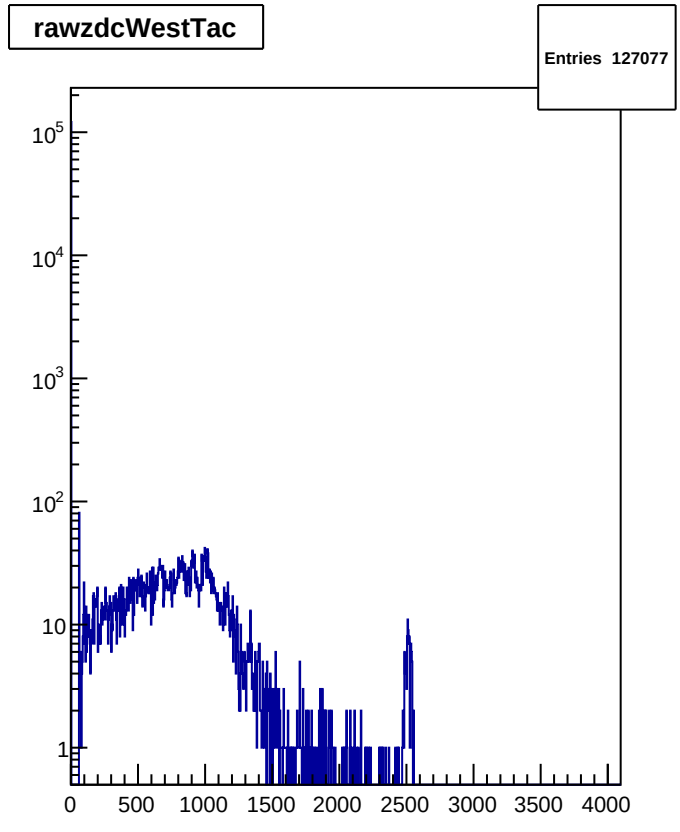

BBQ-BB002 (BBC west small tiles ADC)
Entries 2033232
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

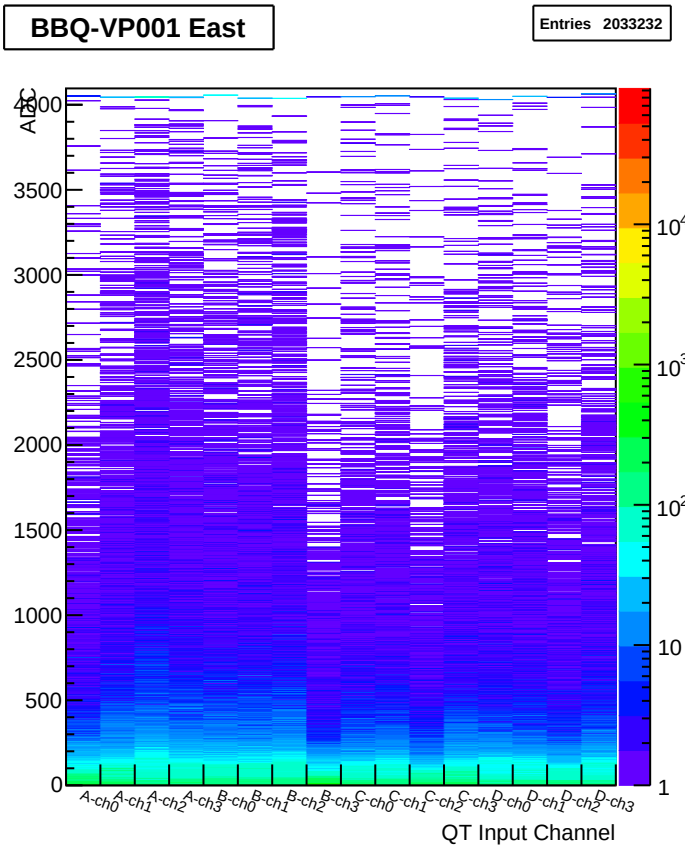

BBQ-BB002 (BBC west small tiles TAC)
Entries 2033232
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

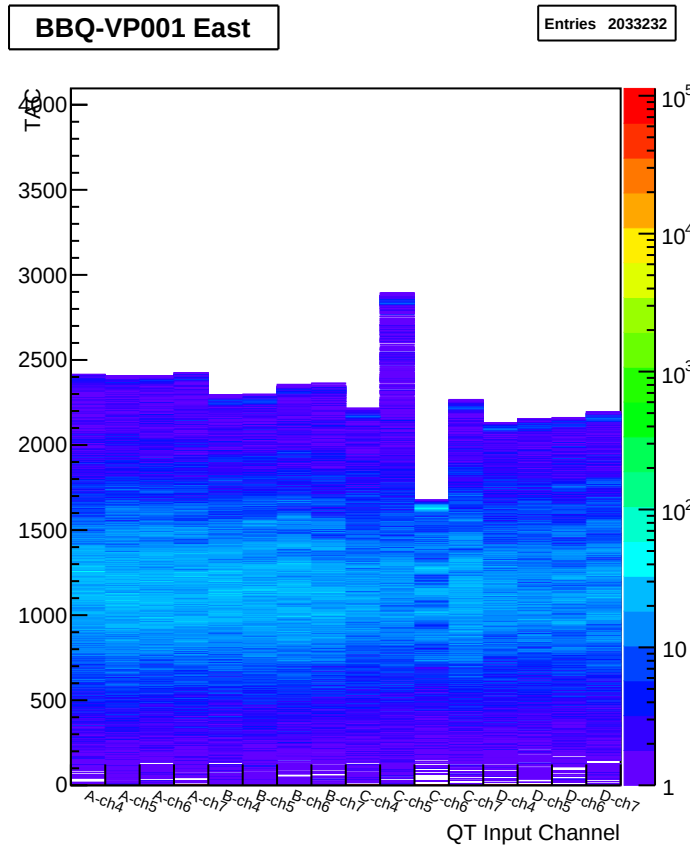

BBQ-ZD001 (ZDC TOWER)
Entries 2033232
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

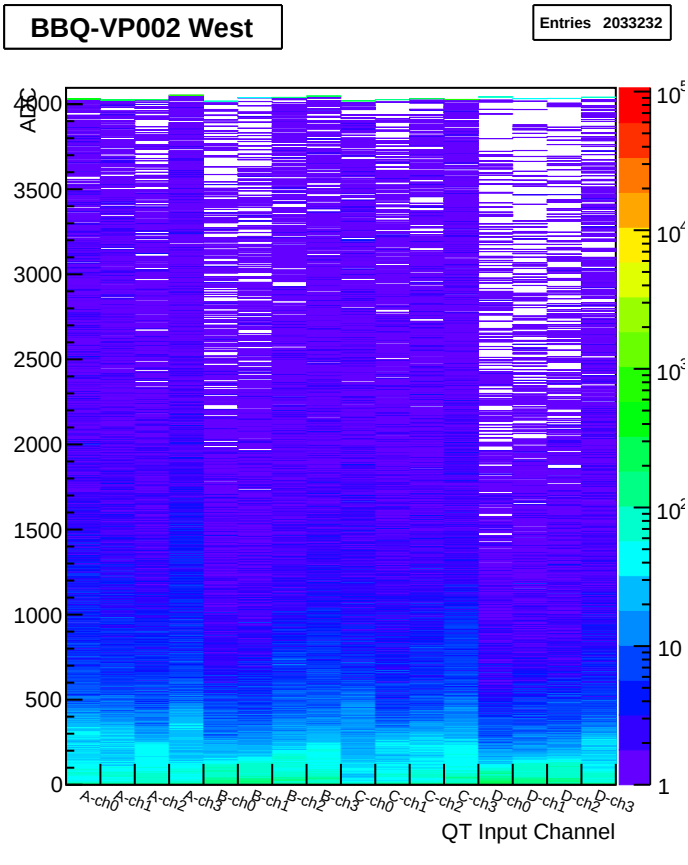

BBQ-ZD001 (ZDC TOWER)
Entries 2033232
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

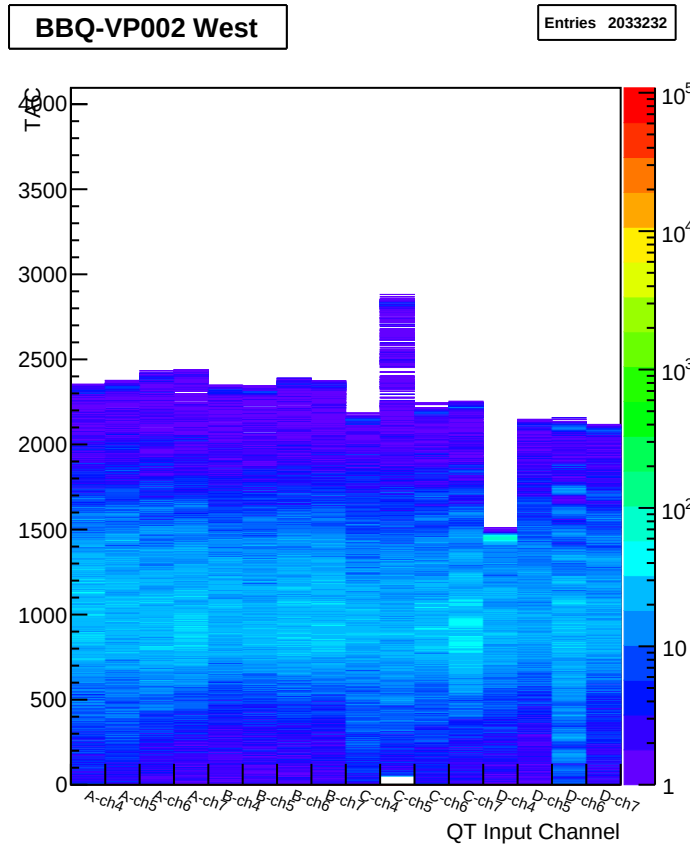

rawzdcEastTac
Entries 127077

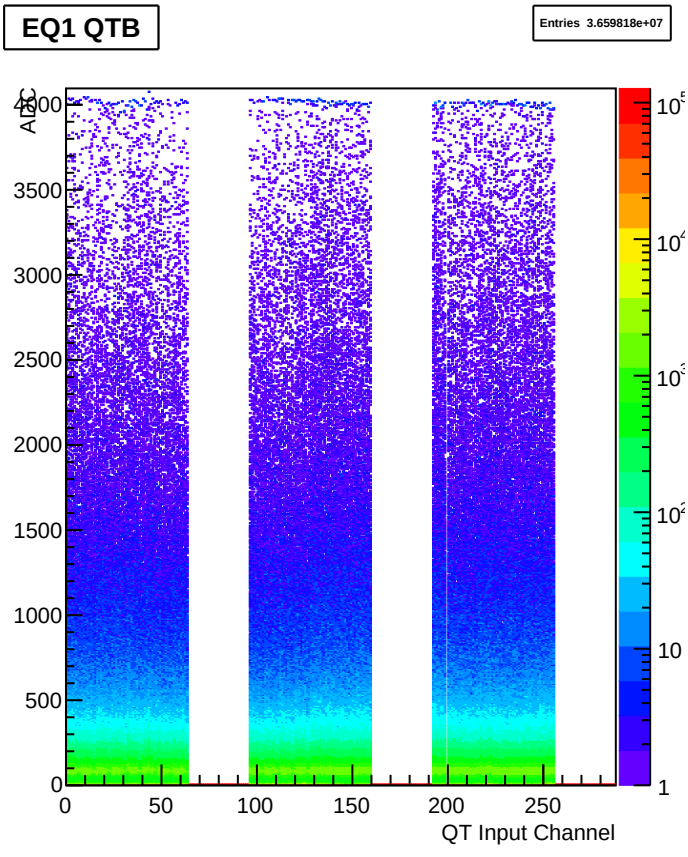

rawzdcWestTac
Entries 127077

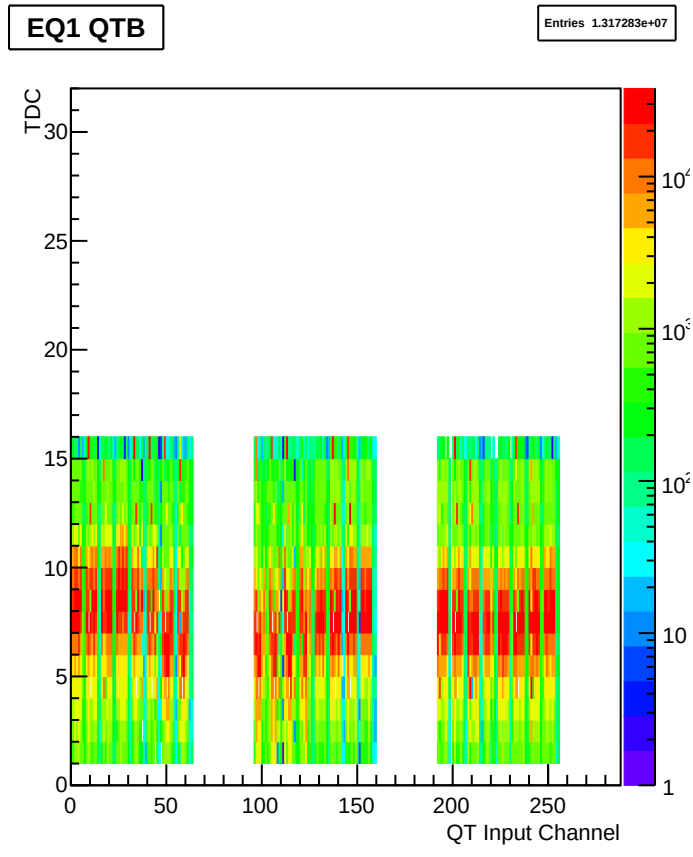

BBQ-VP001 East
Entries 2033232
ADC
QT Input Channel

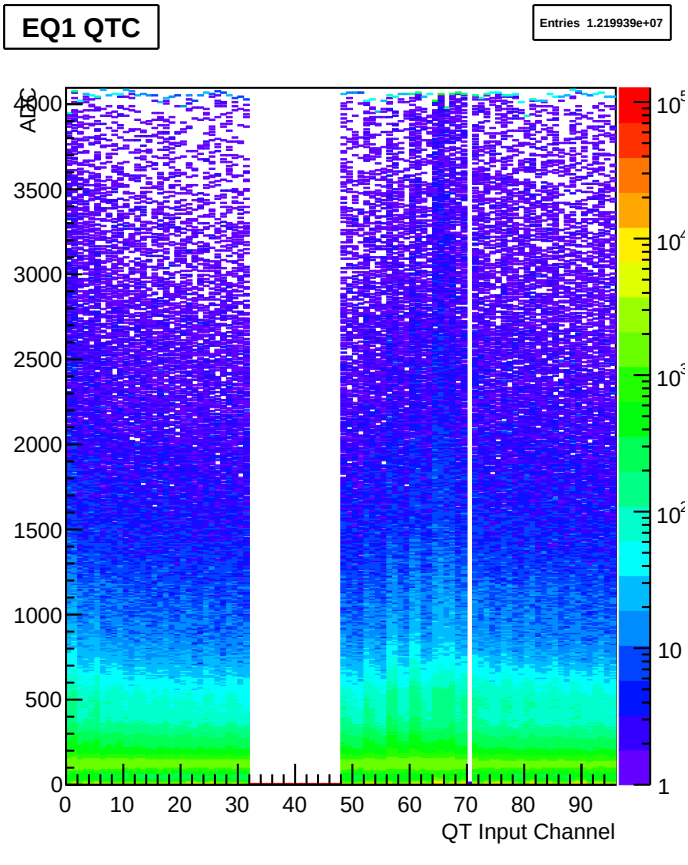

BBQ-VP001 East
Entries 2033232
TAC
QT Input Channel

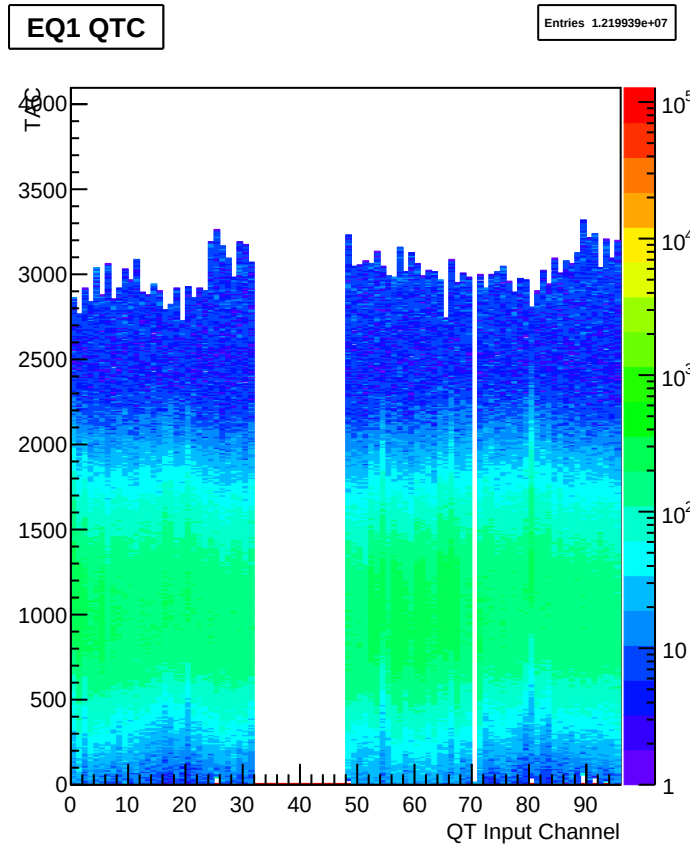

BBQ-VP002 West
Entries 2033232
ADC
QT Input Channel

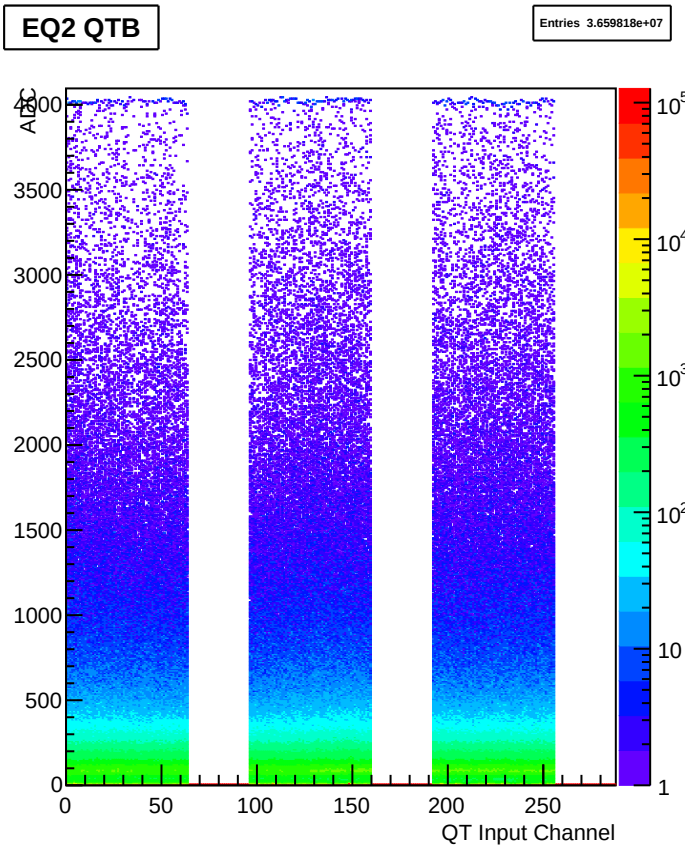

BBQ-VP002 West
Entries 2033232
TAC
QT Input Channel

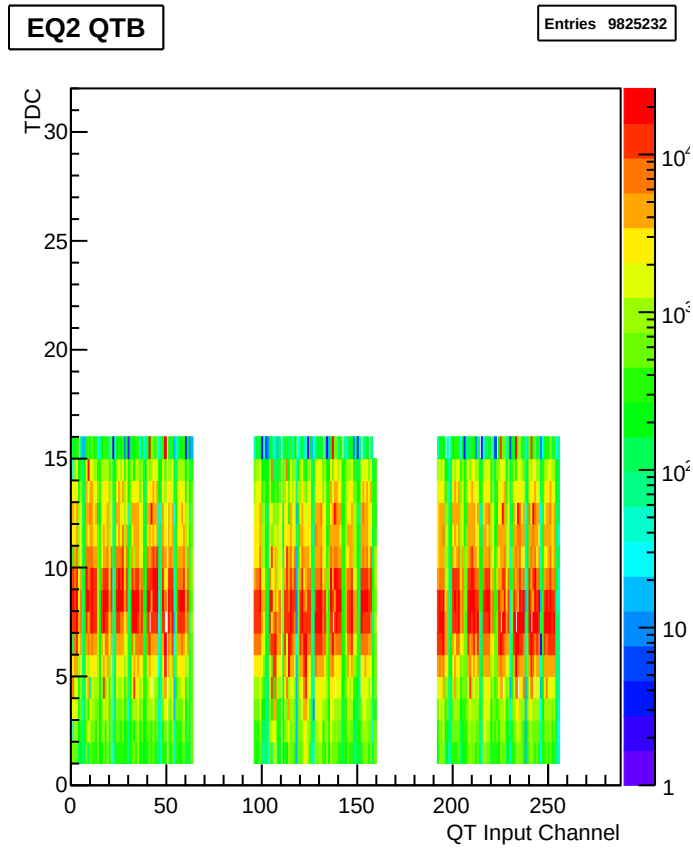

EQ1 QTB
Entries 3.659818e+07
ADC
QT Input Channel

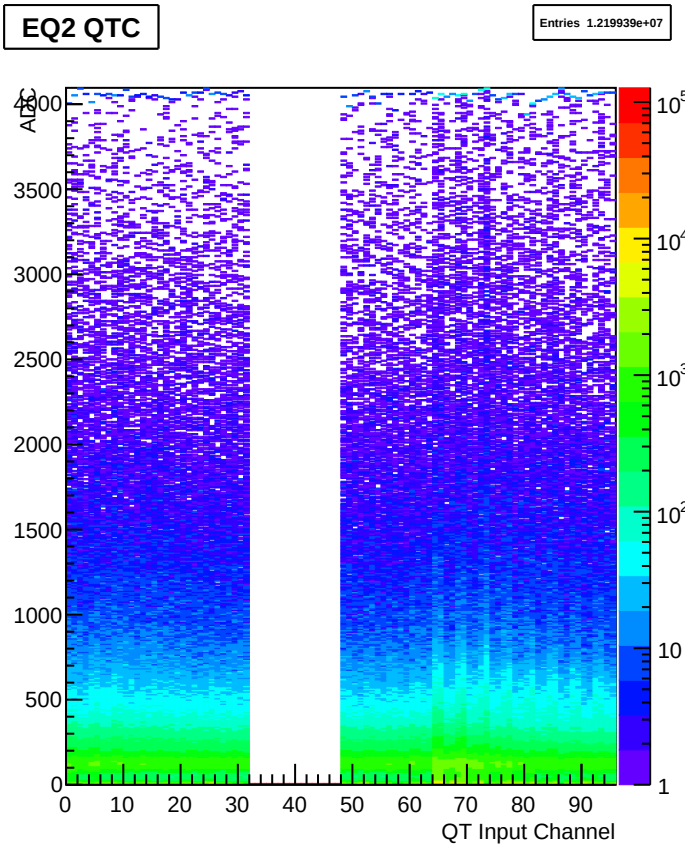

EQ1 QTB
Entries 1.317283e+07
TDC
QT Input Channel

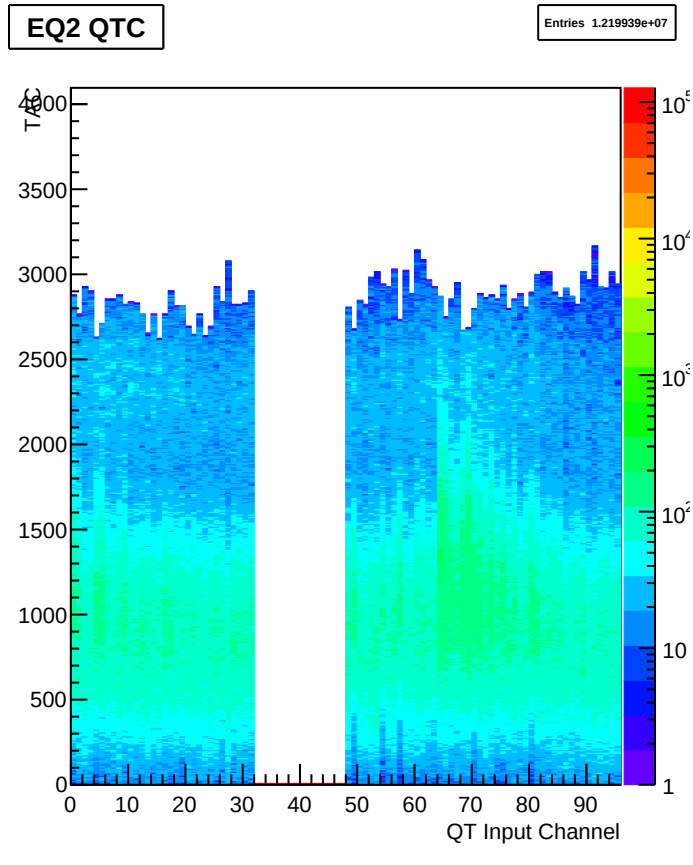

EQ1 QTC
Entries 1.219939e+07
ADC
QT Input Channel

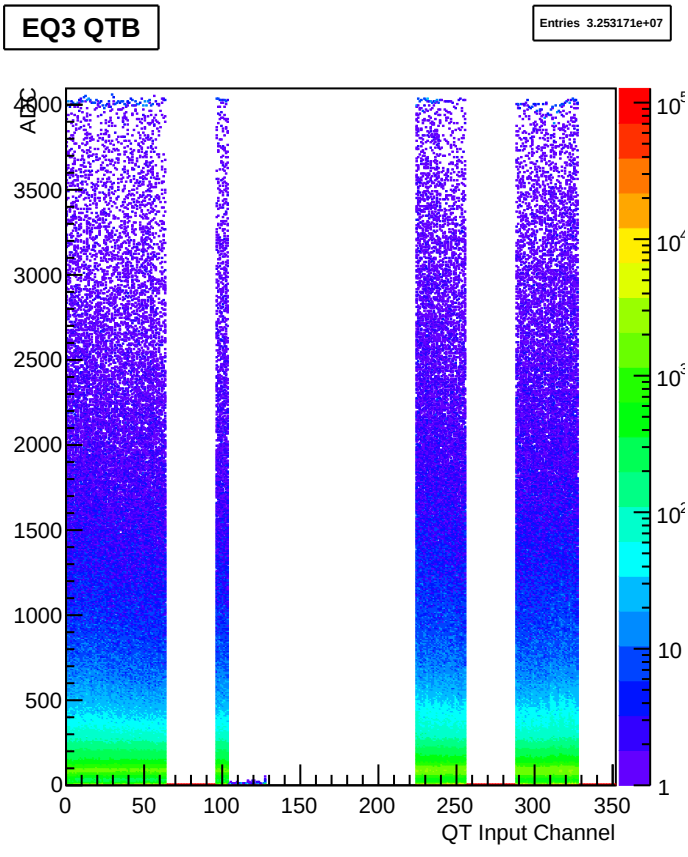

EQ1 QTC
Entries 1.219939e+07
TADC
QT Input Channel

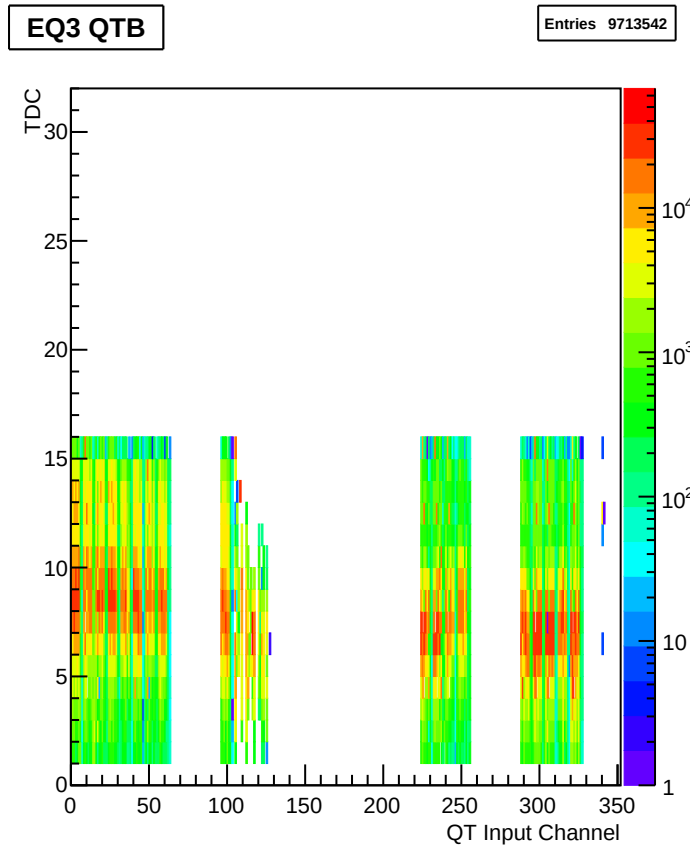

EQ2 QTB
Entries 3.659818e+07
ADC
QT Input Channel

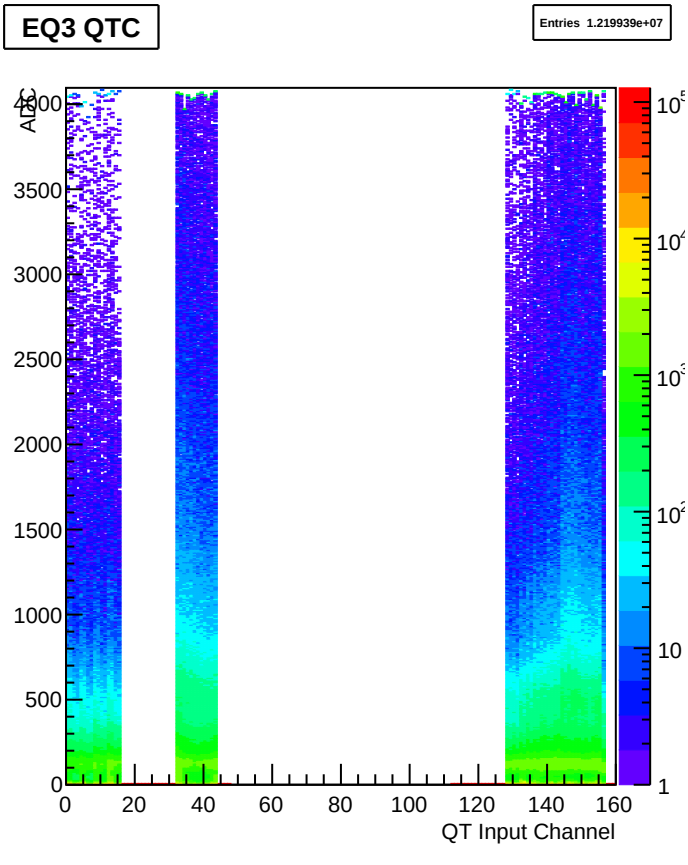

EQ2 QTB
Entries 9825232
TDC
QT Input Channel

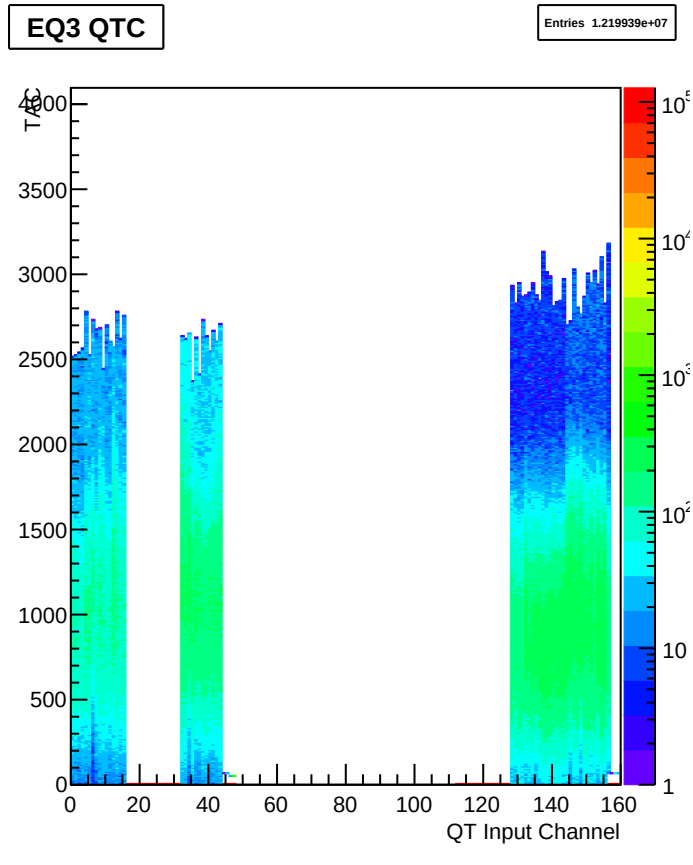

EQ2 QTC
Entries 1.219939e+07
ADC
QT Input Channel

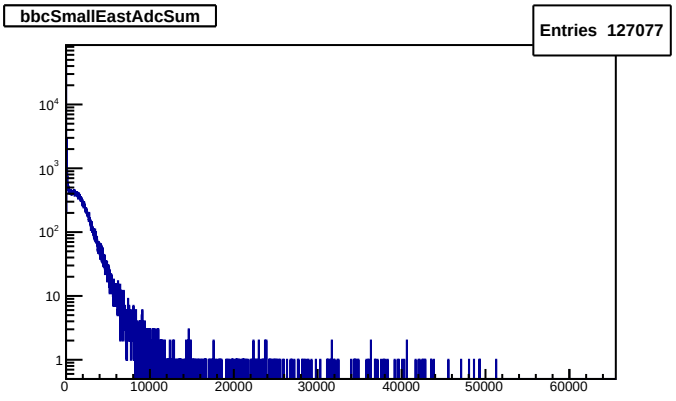

EQ2 QTC
Entries 1.219939e+07
TADC
QT Input Channel

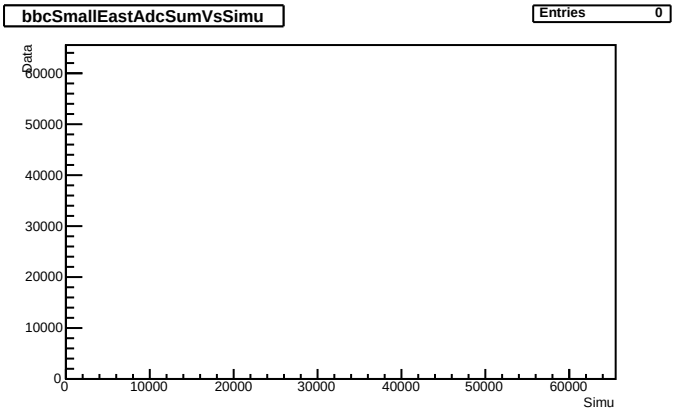

EQ3 QTB
Entries 3.253171e+07
ADC
QT Input Channel

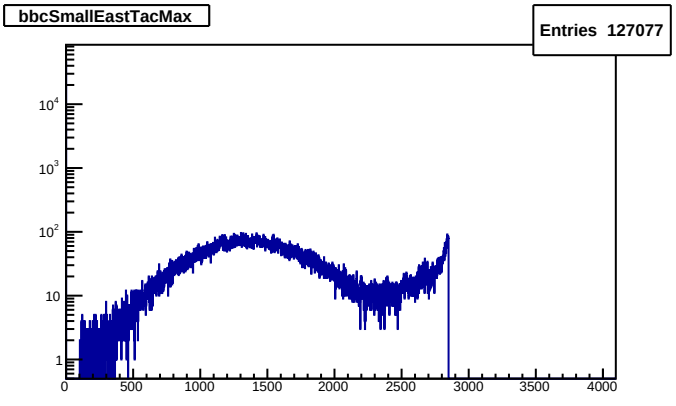

EQ3 QTB
Entries 9713542
TDC
QT Input Channel

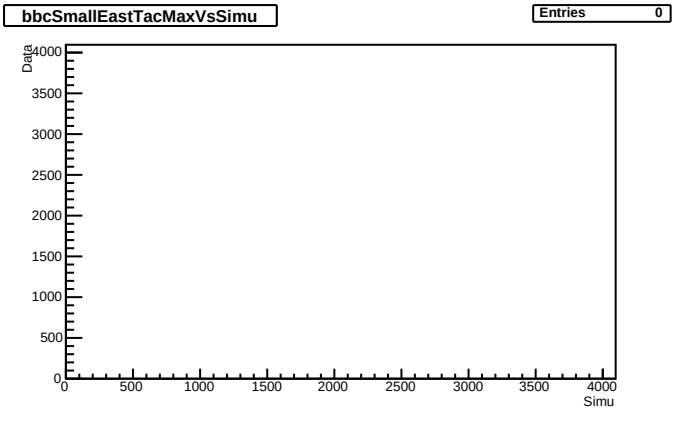

EQ3 QTC
Entries 1.219939e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.219939e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 127077


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 127077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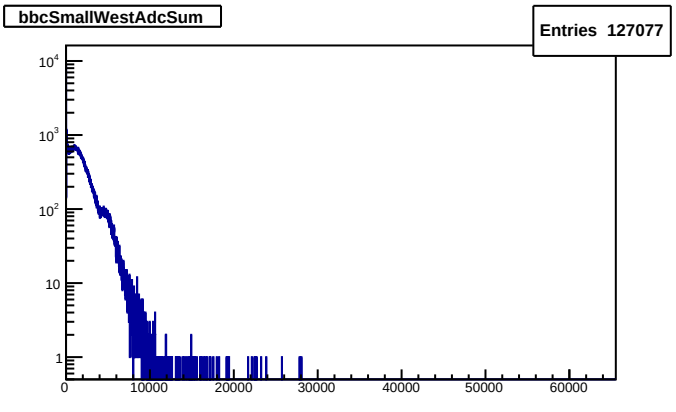
Entries 0
Data
Simu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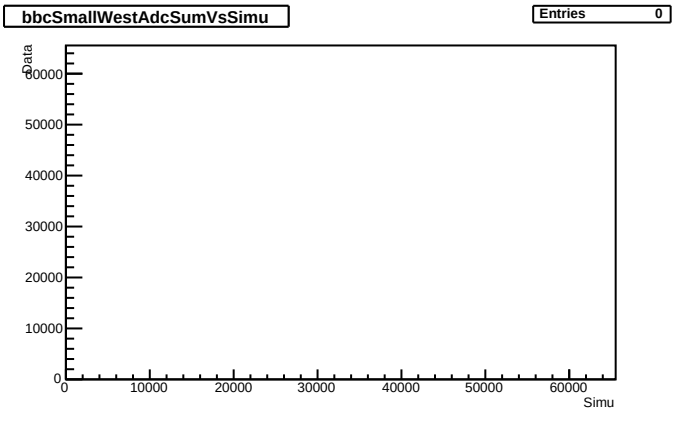
Entries 127077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Entries 0
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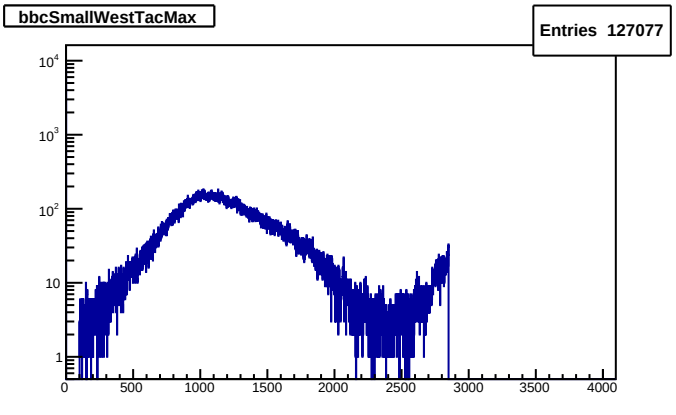
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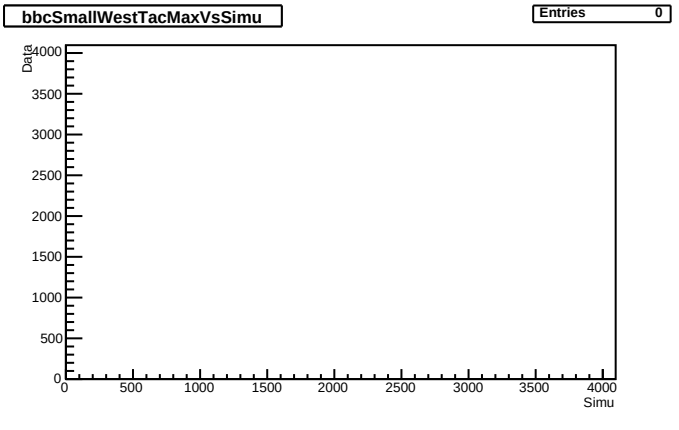
bbcSmallWestTacMaxVsSimu
Entries 0
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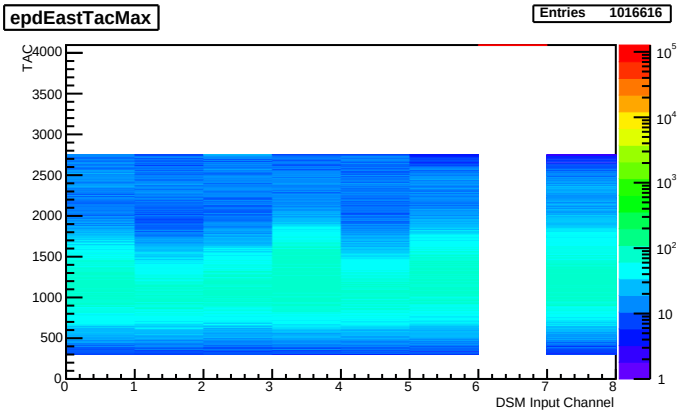
Simu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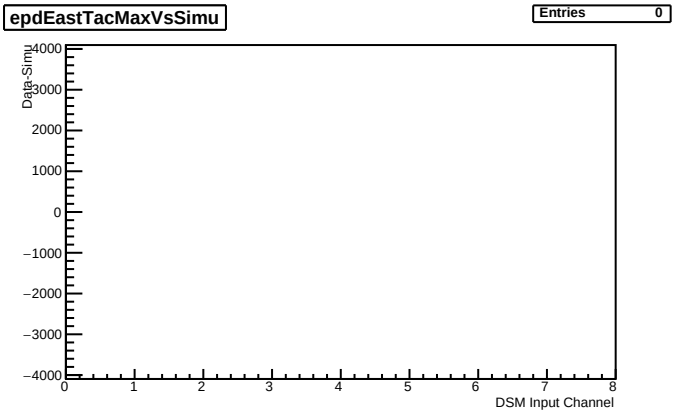
Entries 1016616
TAC
DSM Input Channel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Data-Simu
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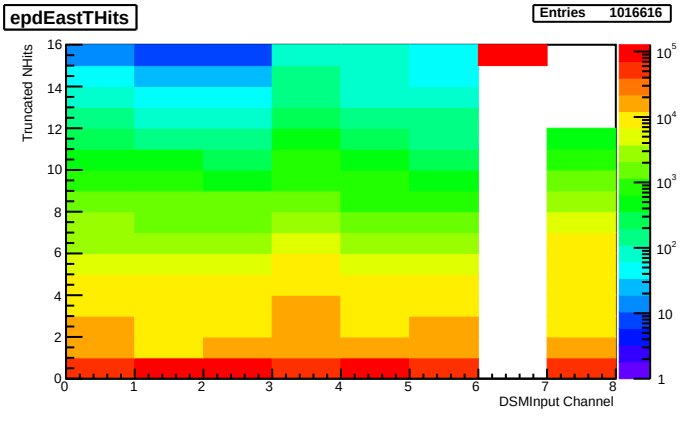
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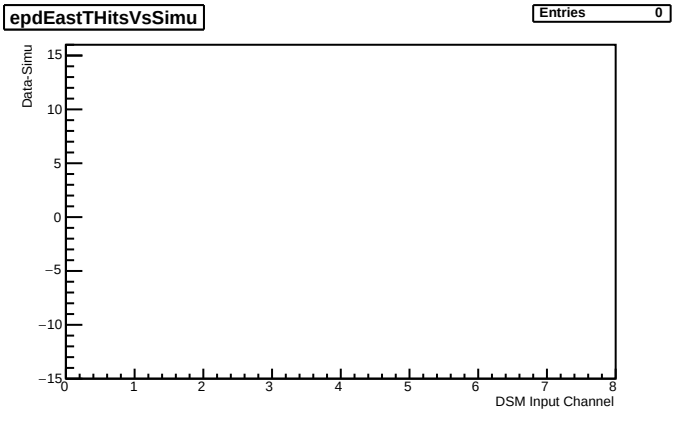
Entries 1016616
Truncated NHits
DSMInput Channel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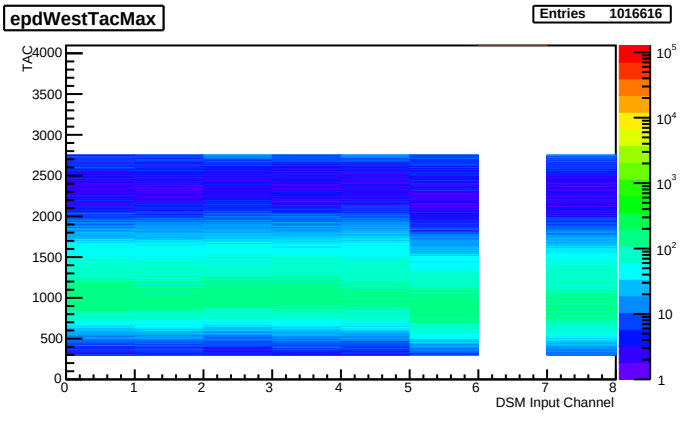
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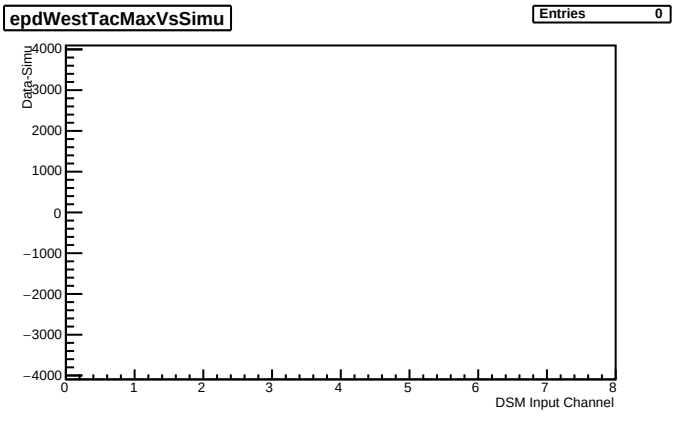
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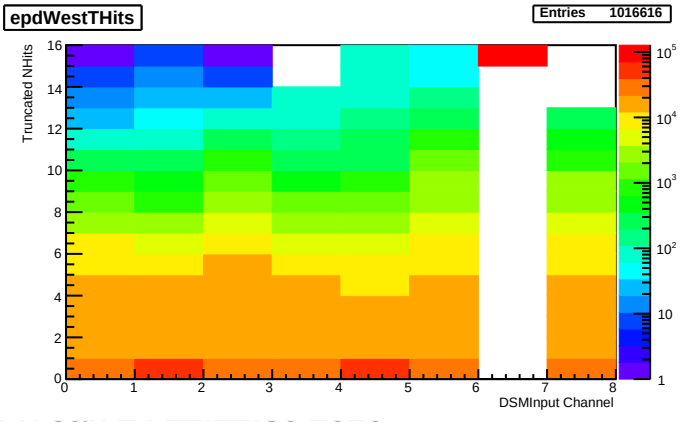
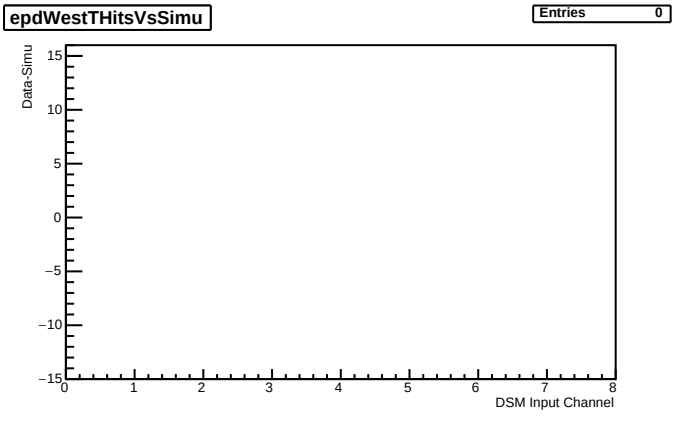
DSM Input Channel


epdWestTHits
Entries 1016616
Truncated NHits
DSMInput Channel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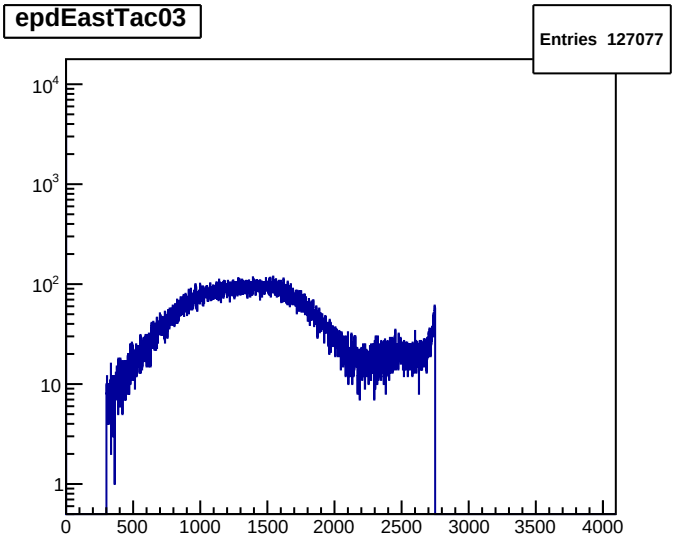
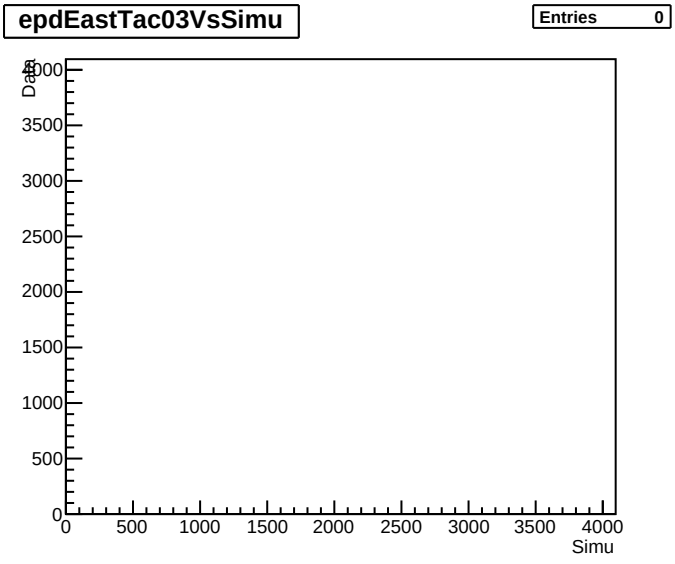
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 127077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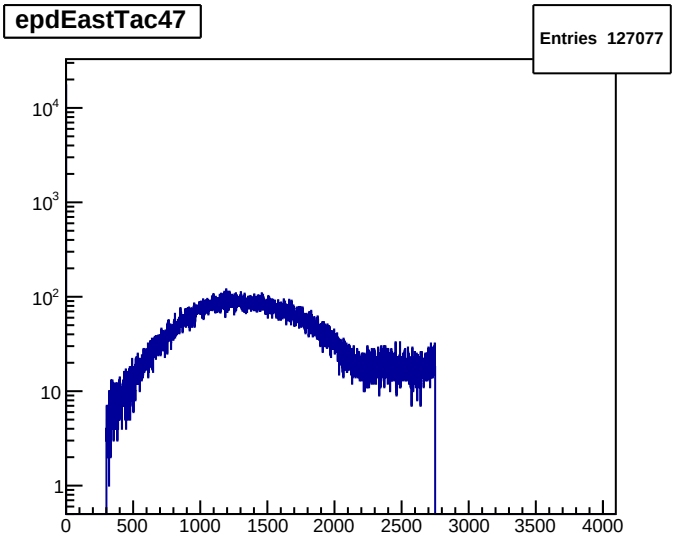
Entries 0
Data
Simu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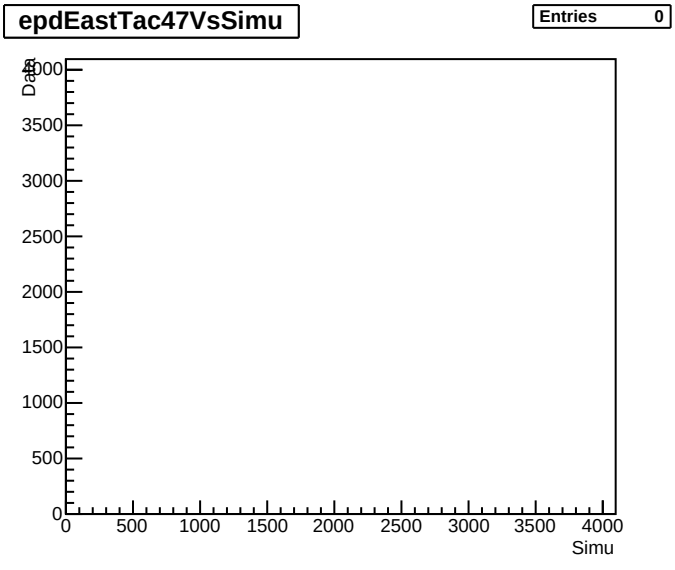
Entries 127077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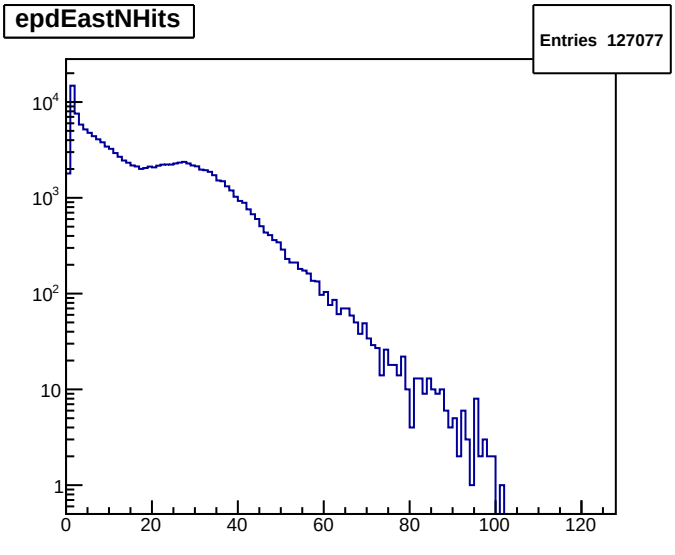
Entries 0
Data
Simu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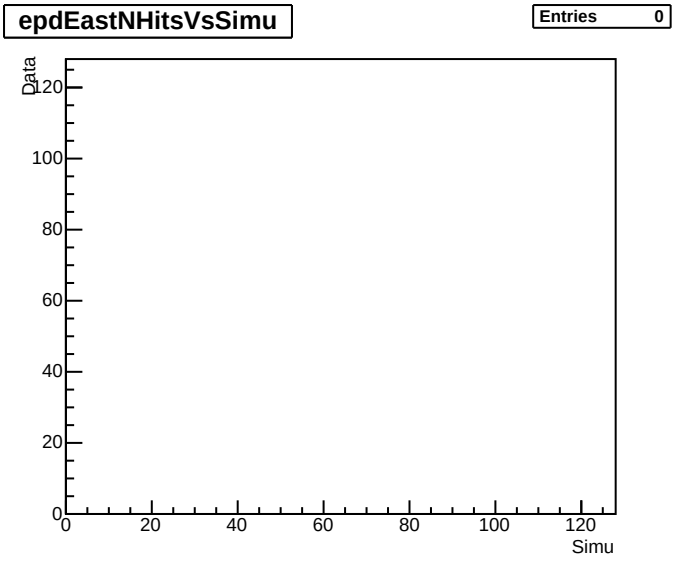
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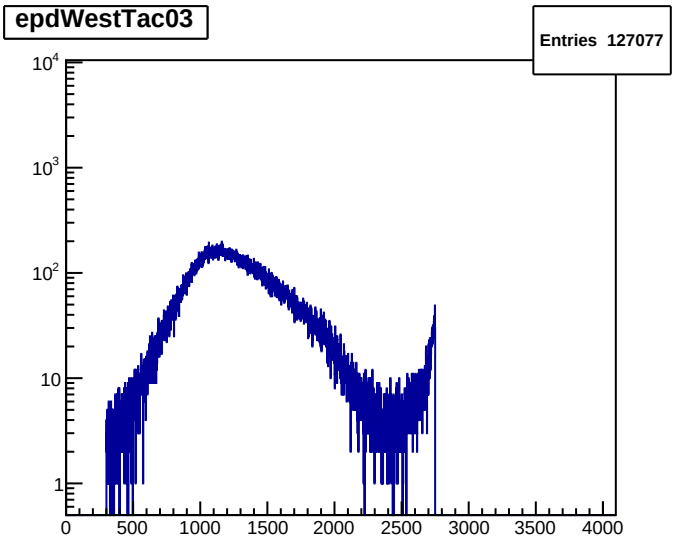
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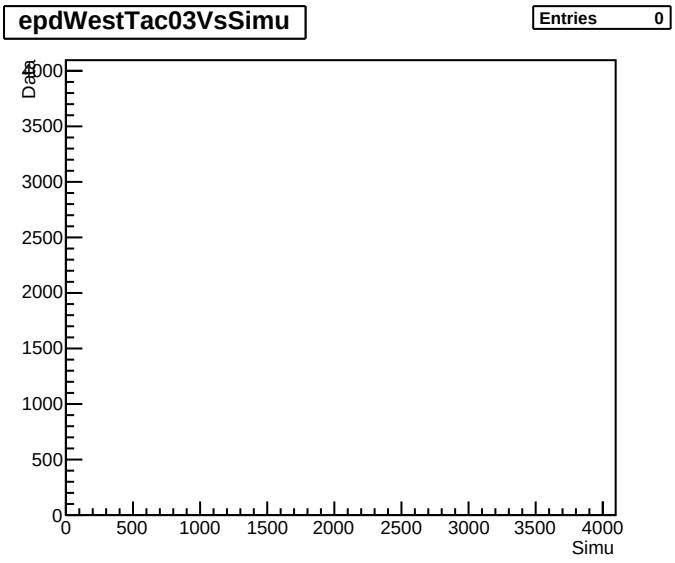
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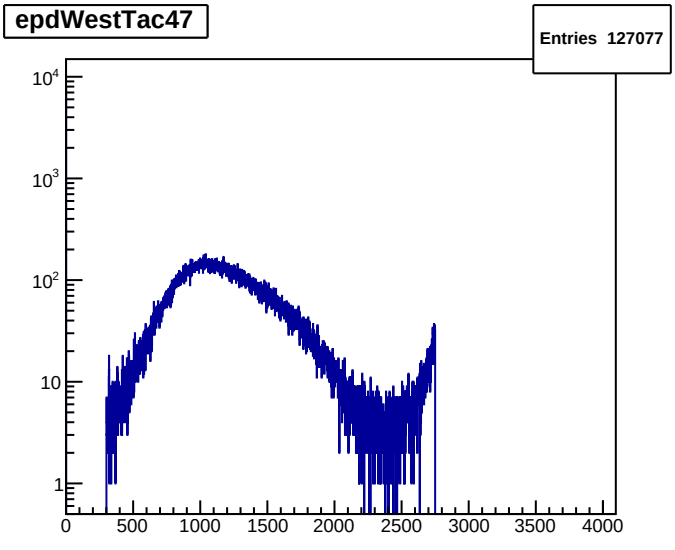
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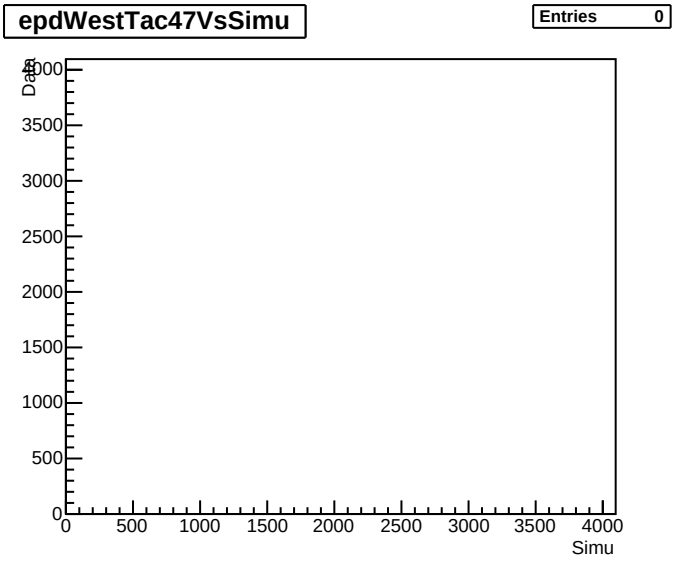
Entries 127077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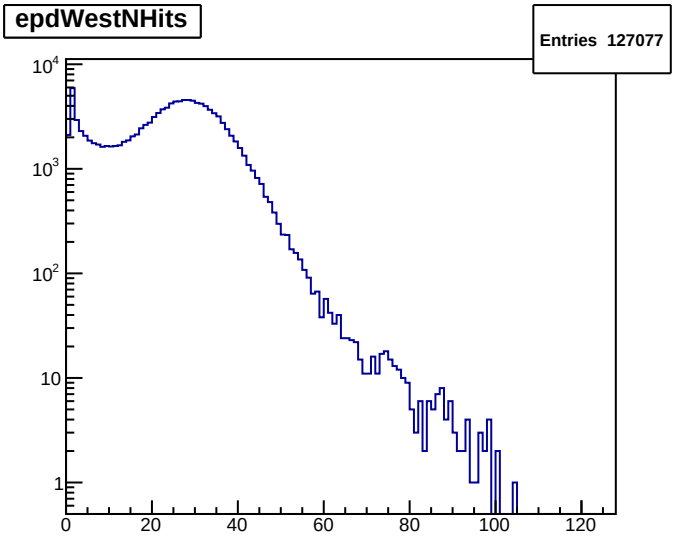
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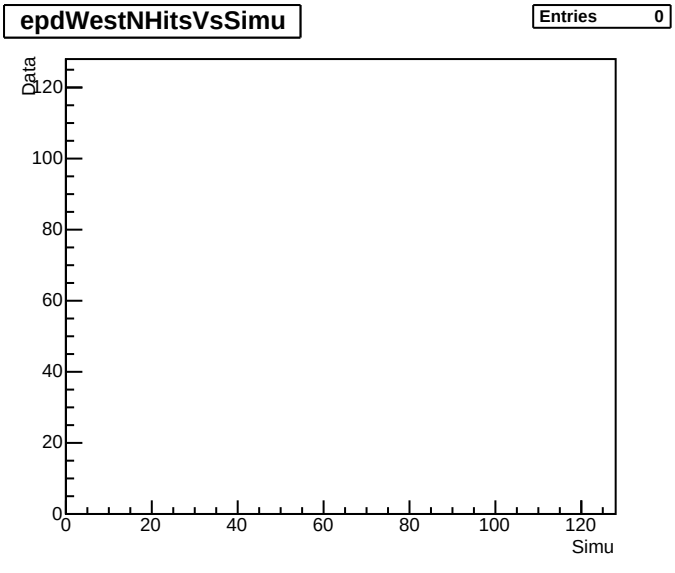
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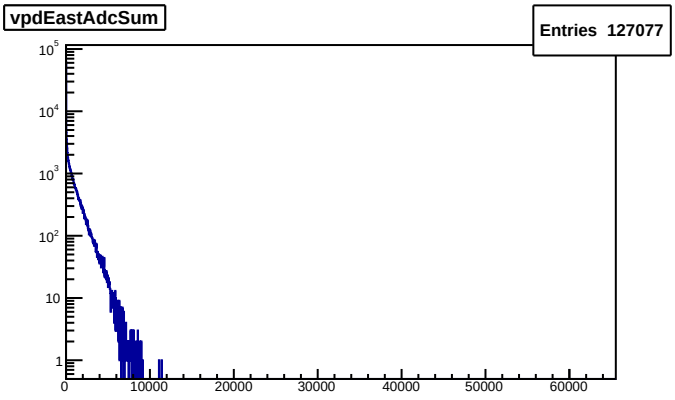
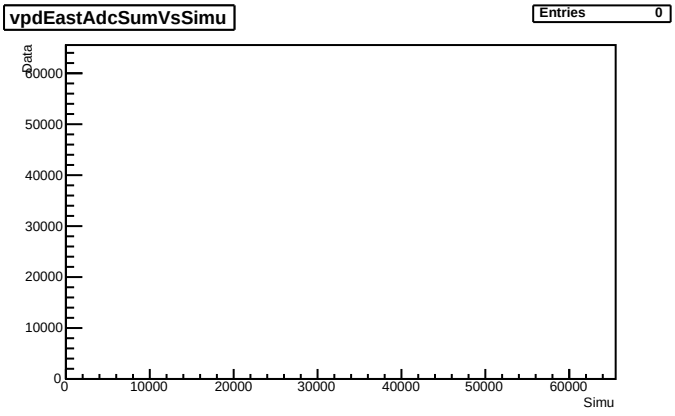
Entries 0
Data
Simu


vpdEastAdcSum
Entries 127077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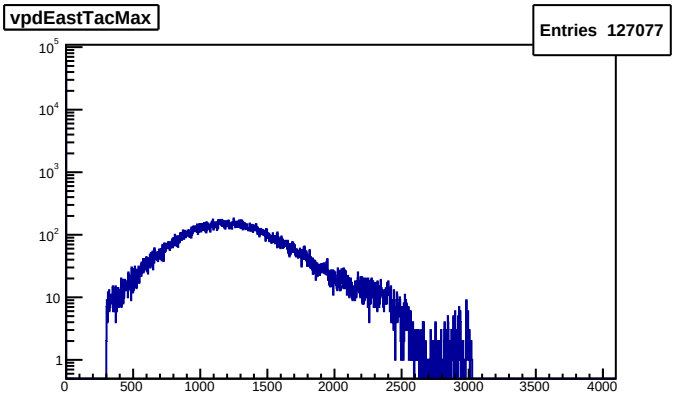
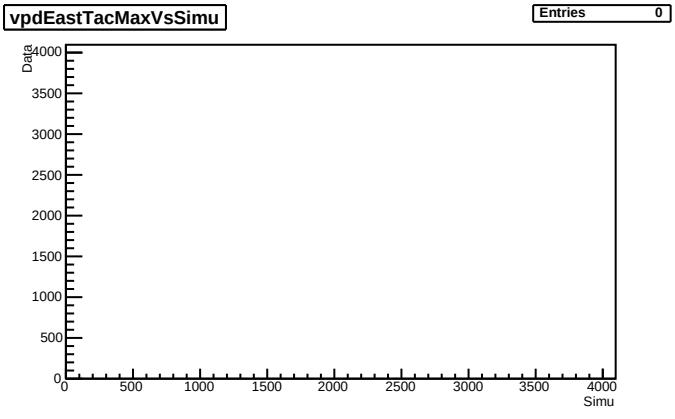
Entries 0
Data
Simu


vpdEastTacMax
Entries 127077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Entries 0
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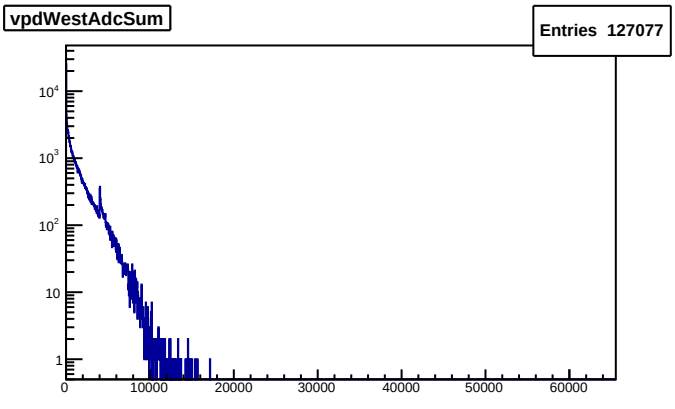
Simu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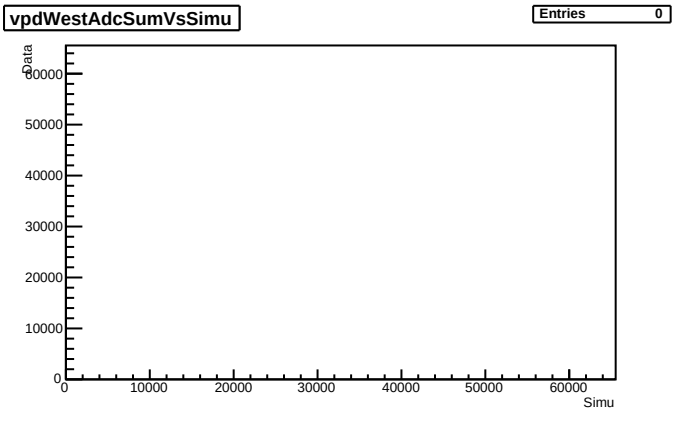
Entries 127077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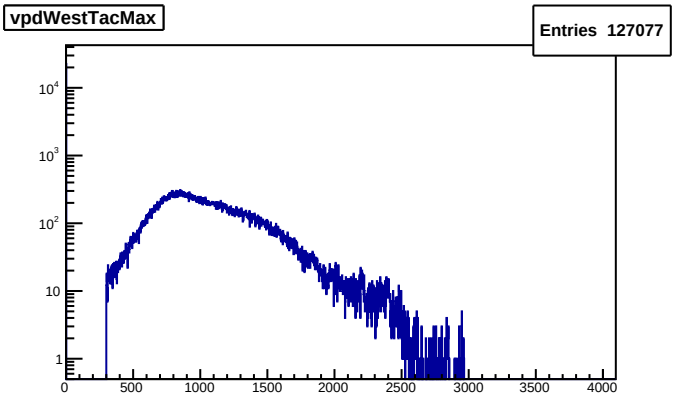
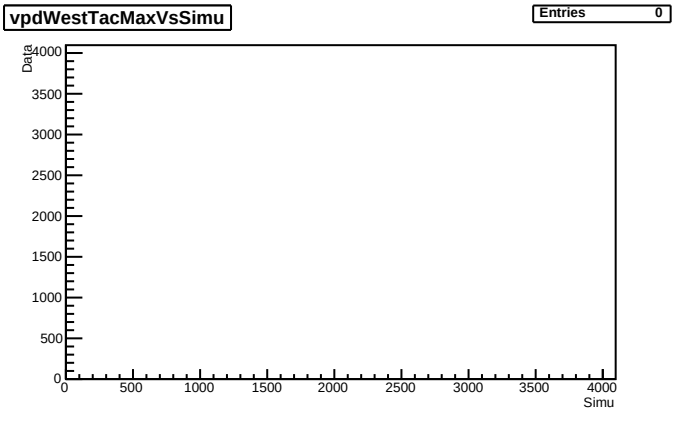
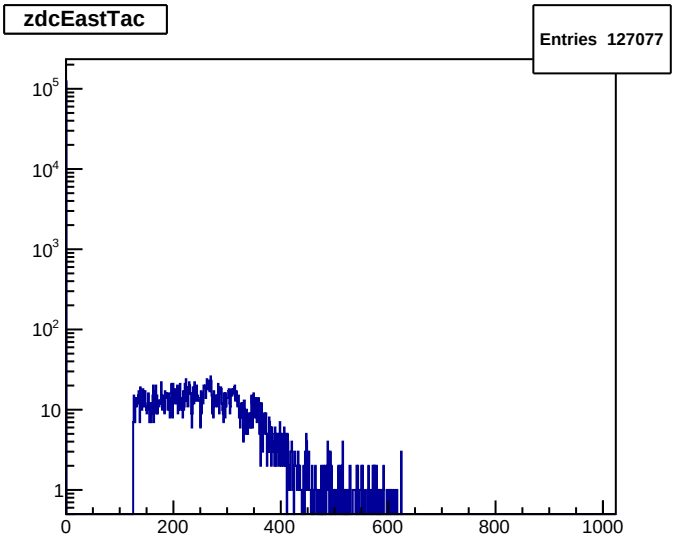
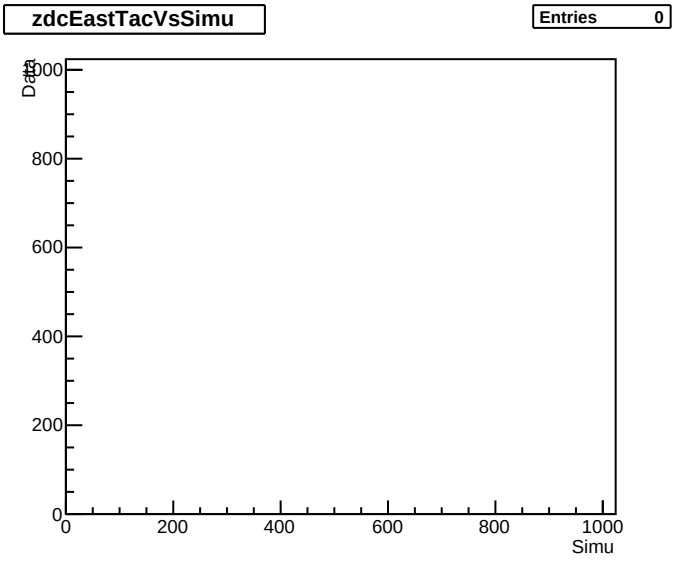
Entries 0
Data
Simu


vpdWestTacMax
Entries 127077


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 127077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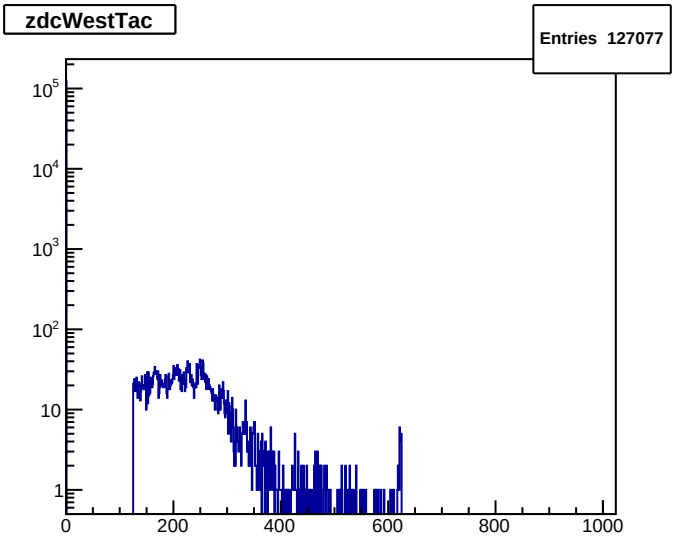
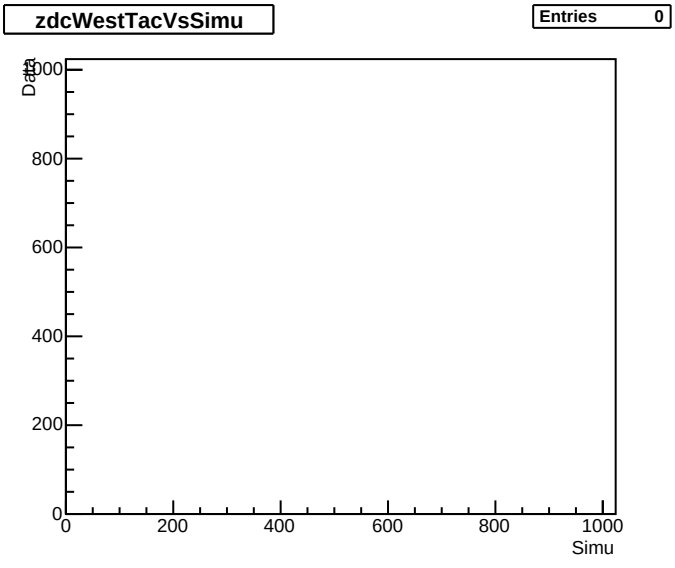
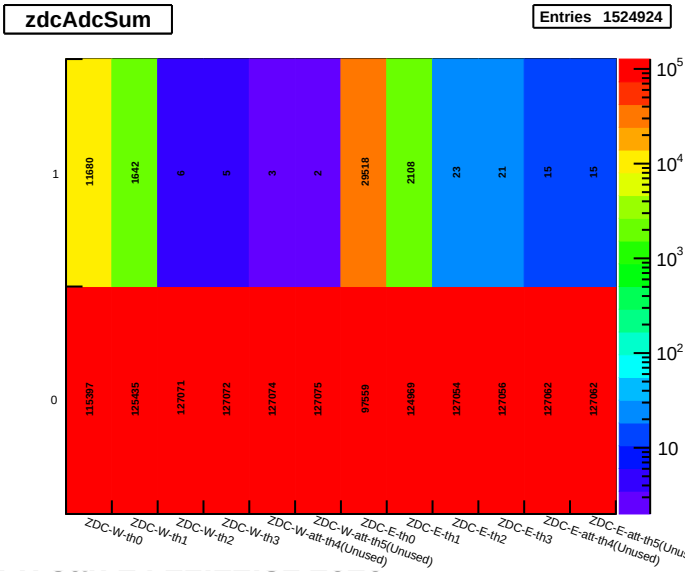
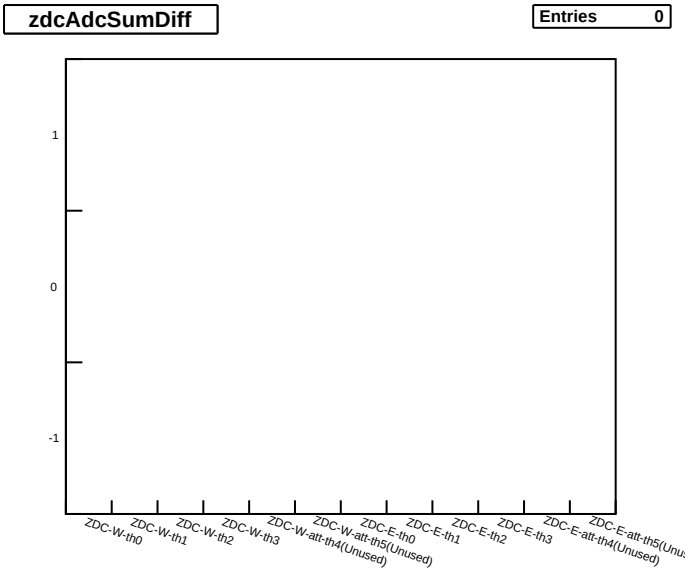
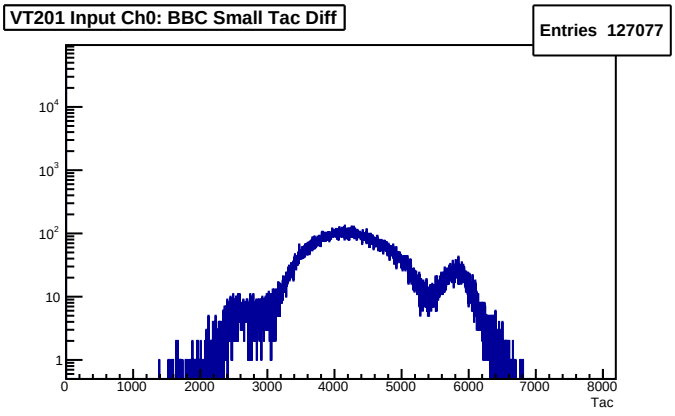
Entries 0
Data
Simu

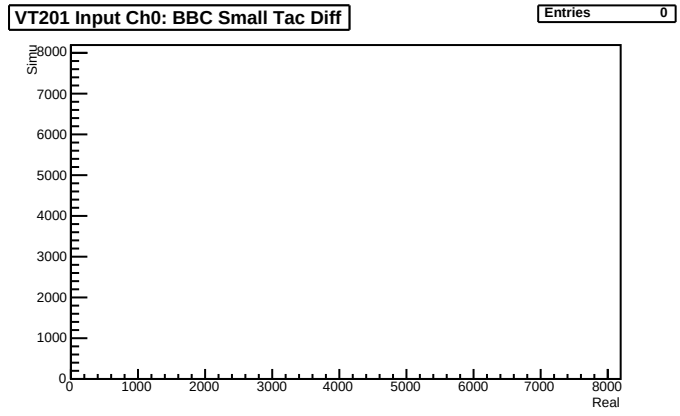

zdcWestTac
Entries 127077

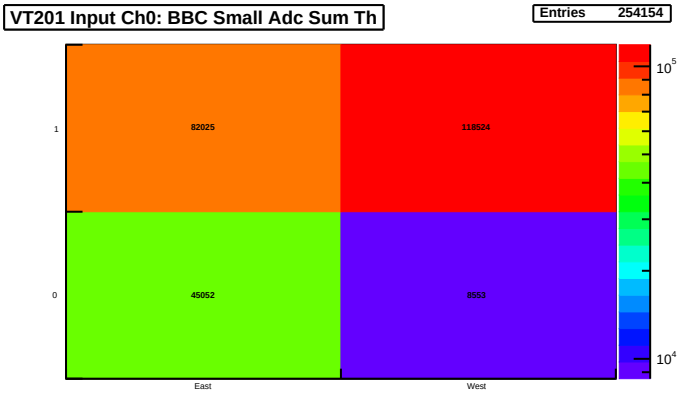

zdcWestTacVsSimu
Entries 0
Data
Simu

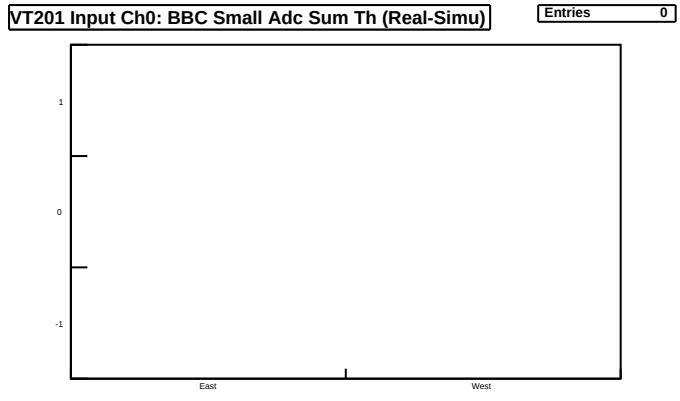

zdcAdcSum
Entries 1524924
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

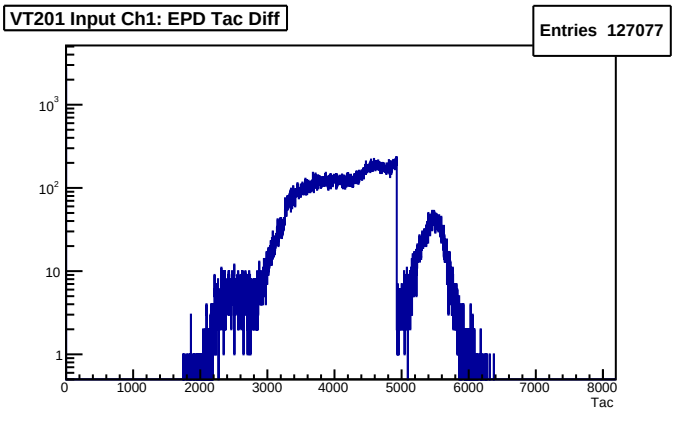

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

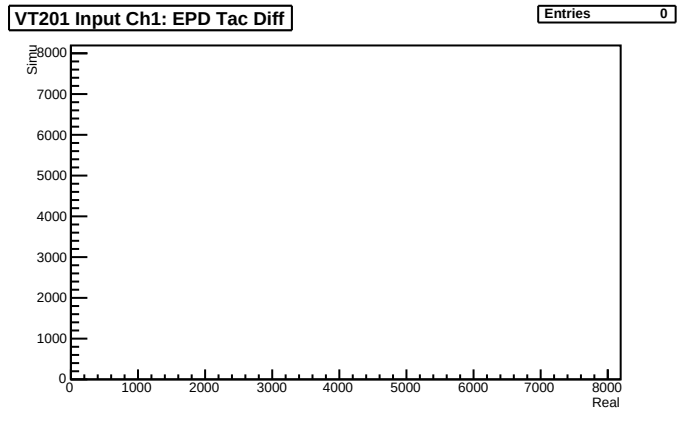

VT201 Input Ch0: BBC Small Tac Diff
Entries 127077
Tac

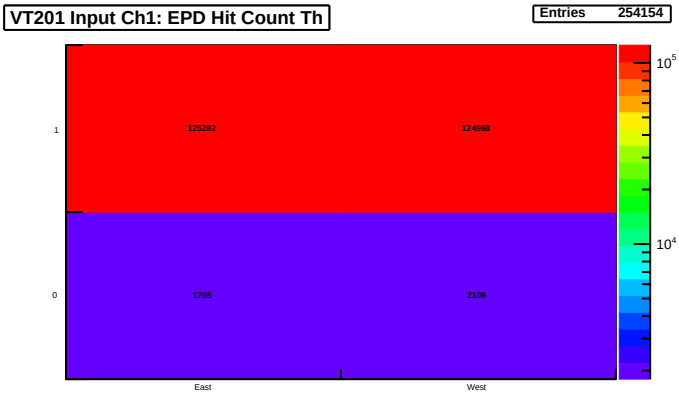

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

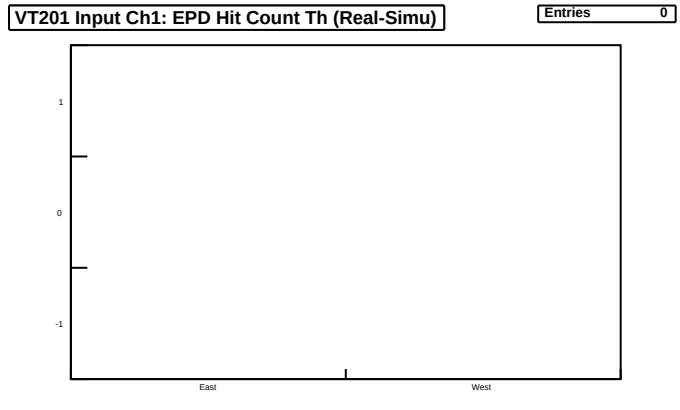

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 254154
82025
118524
45052
8553
East
West

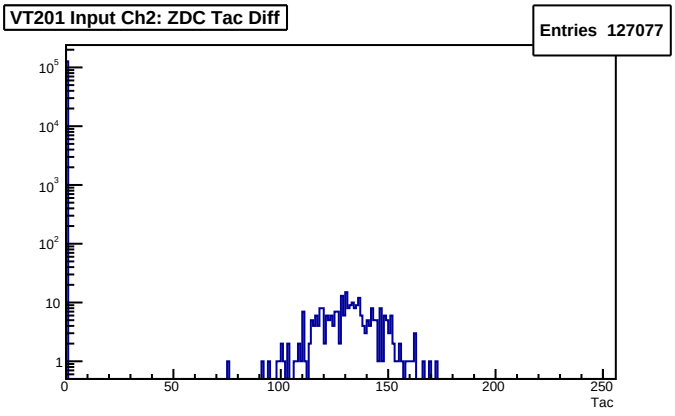

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

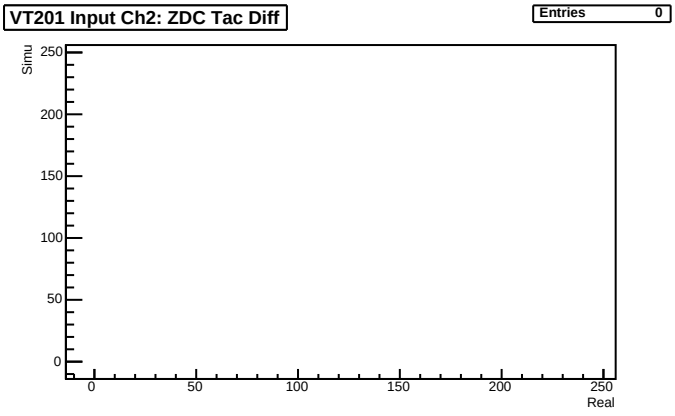

VT201 Input Ch1: EPD Tac Diff
Entries 127077
Tac

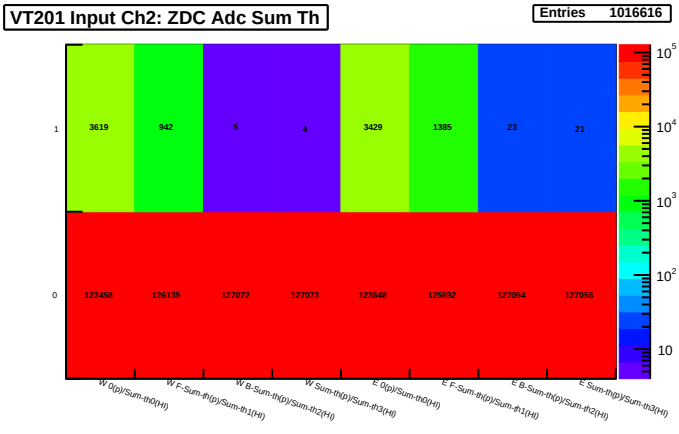

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

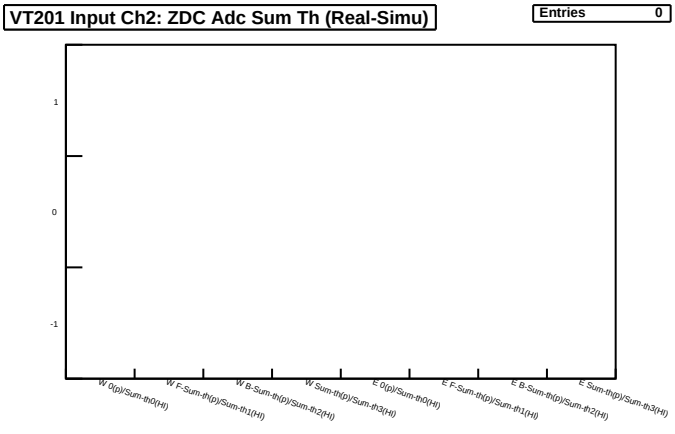

VT201 Input Ch1: EPD Hit Count Th
Entries 254154
125282
124968
1795
2109
East
West

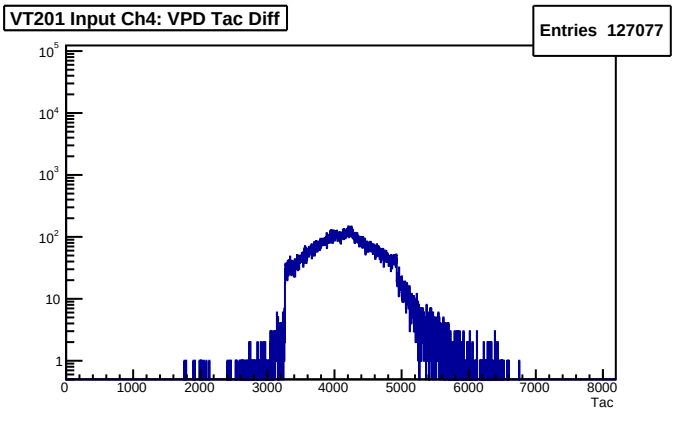

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

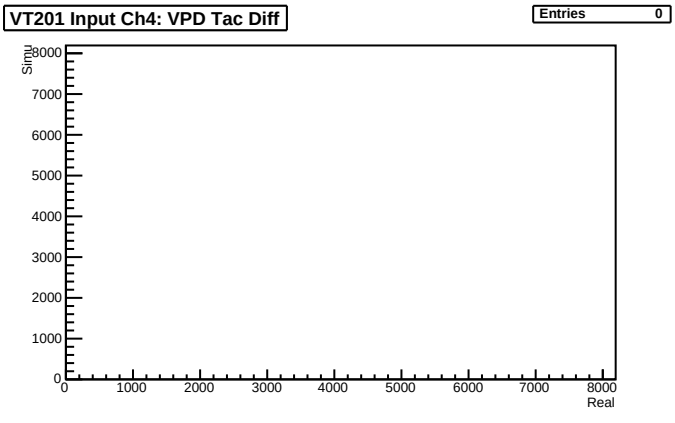

VT201 Input Ch2: ZDC Tac Diff
Entries 127077
Tac

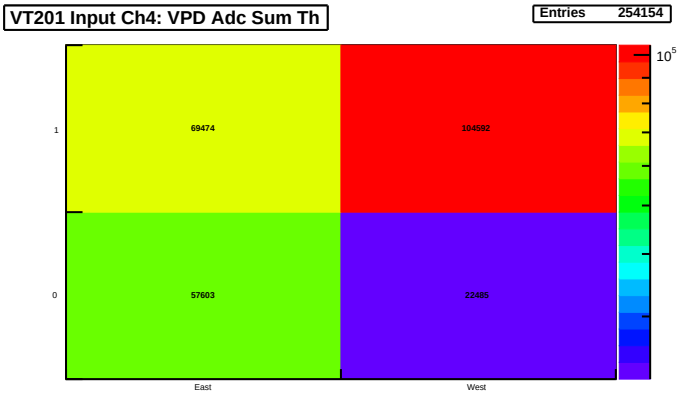

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

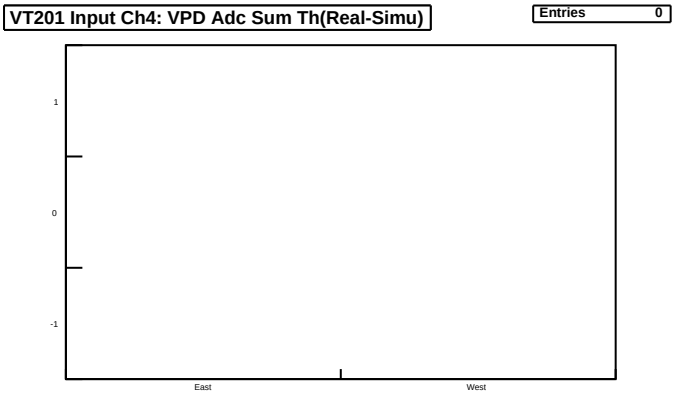

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1016616
3619
942
5
4
3429
1385
23
21
123458
126135
127072
127073
123648
125692
127054
127056
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

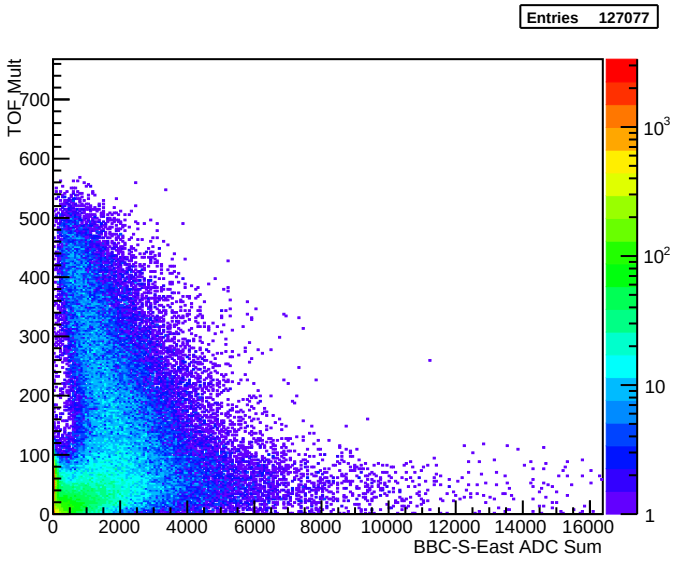

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

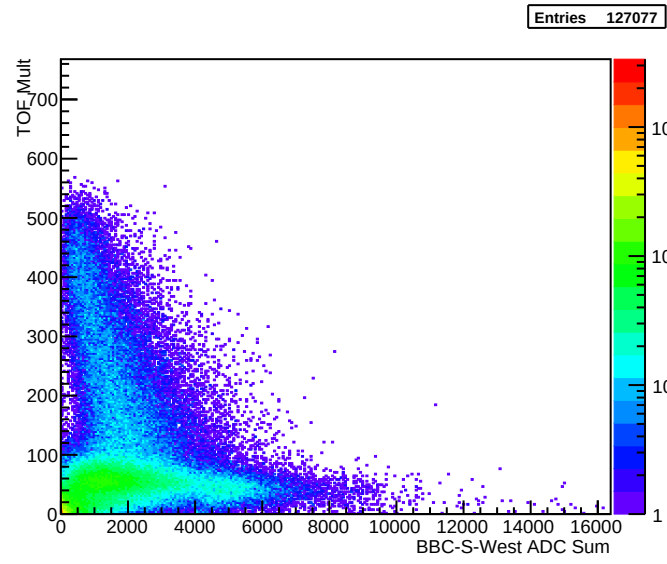

VT201 Input Ch4: VPD Tac Diff
Entries 127077
Tac

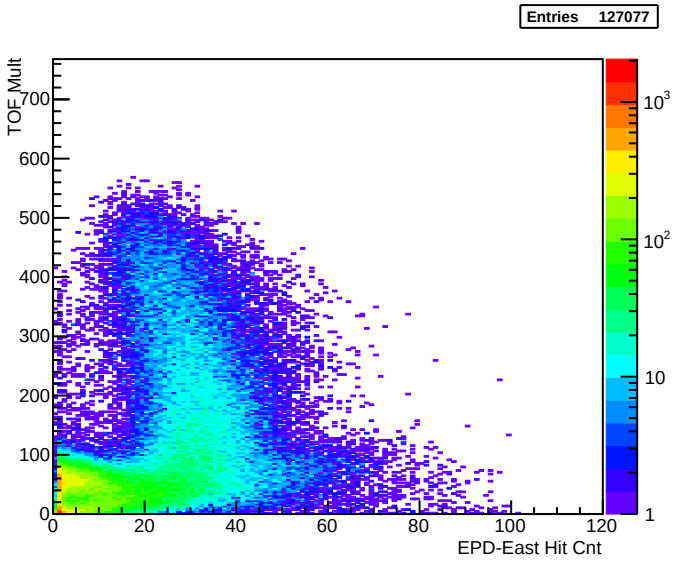

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

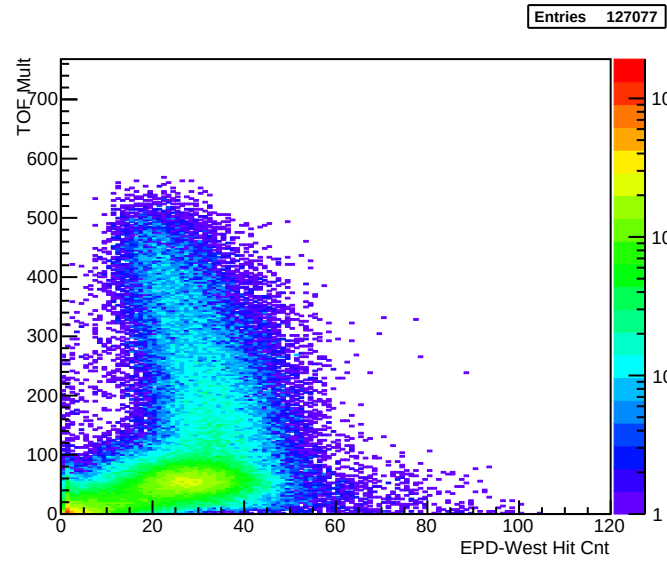

VT201 Input Ch4: VPD Adc Sum Th
Entries 254154
69474
104592
57603
22485
East
West

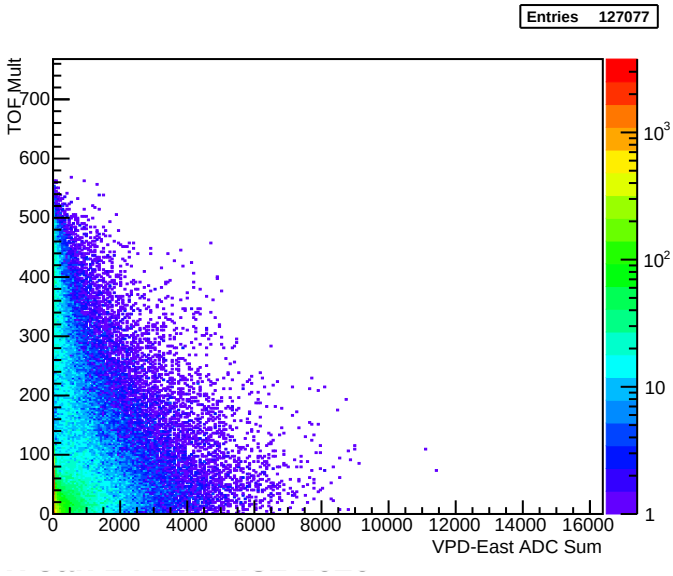

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

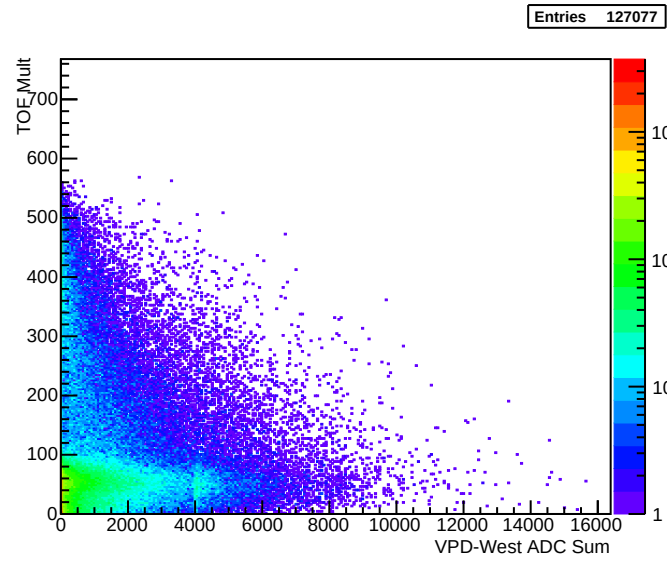

Entries 127077
TOF_Mult
BBC-S-East ADC Sum

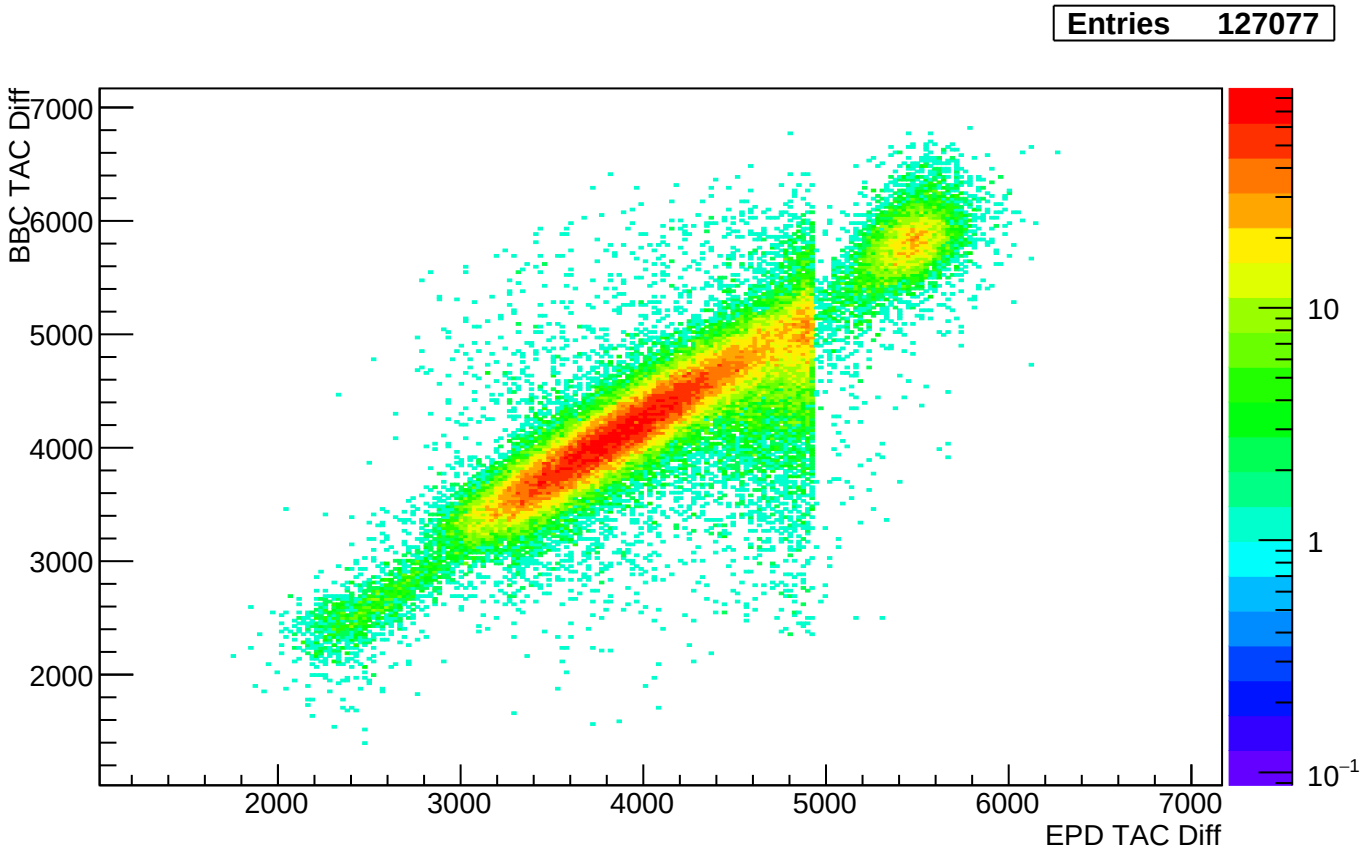

Entries 127077
TOF_Mult
BBC-S-West ADC Sum

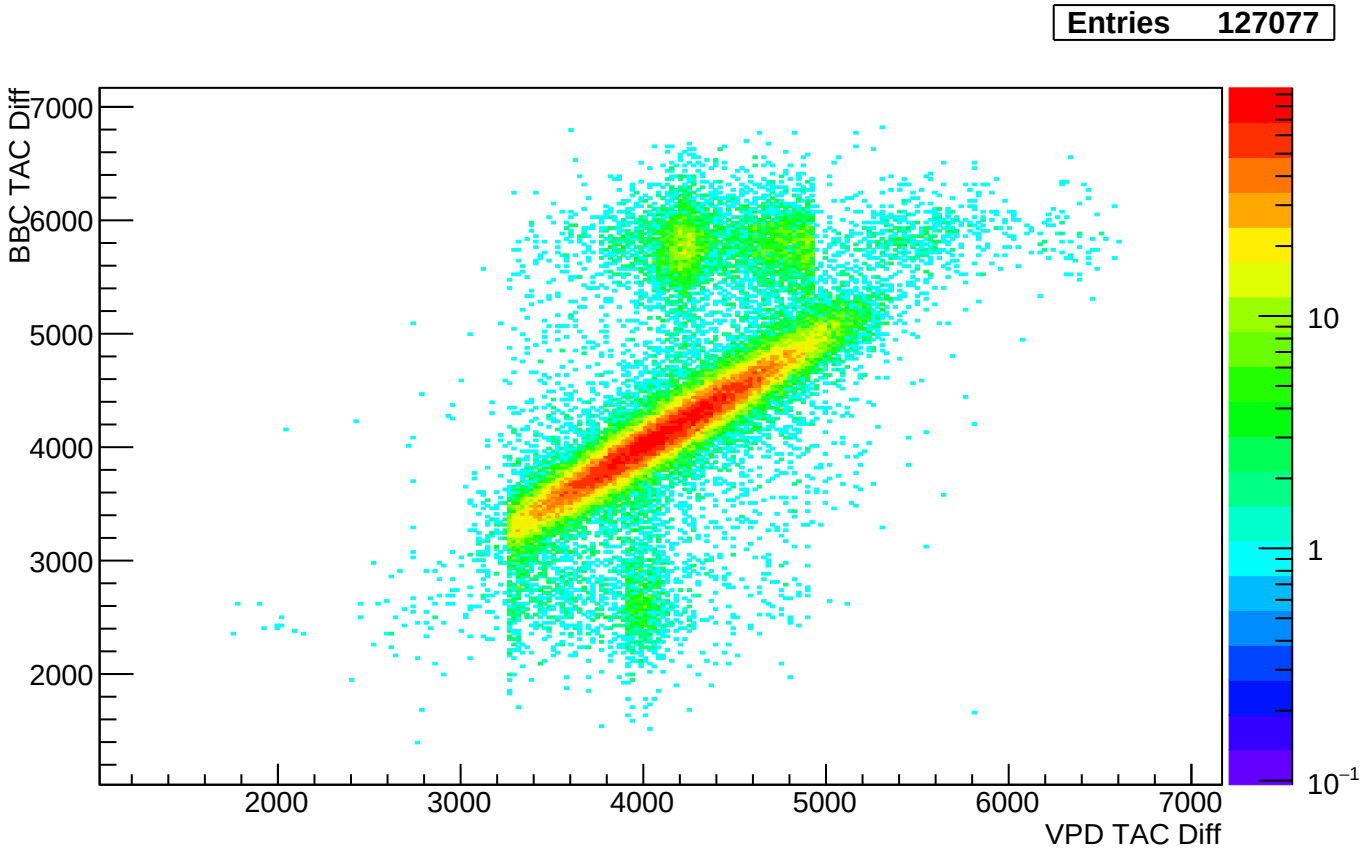

Entries 127077
TOF_Mult
EPD-East Hit Cnt

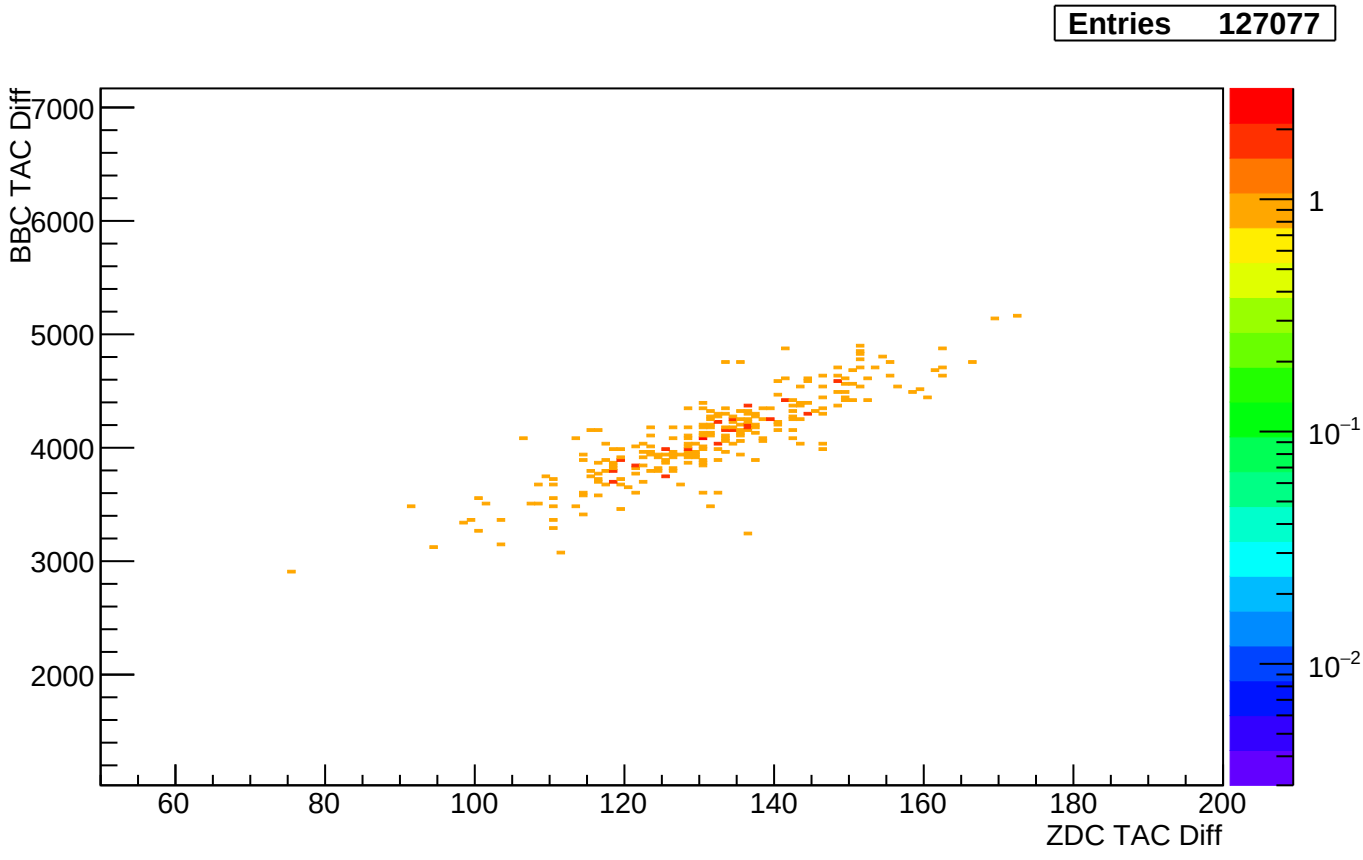

Entries 127077
TOF_Mult
EPD-West Hit Cnt

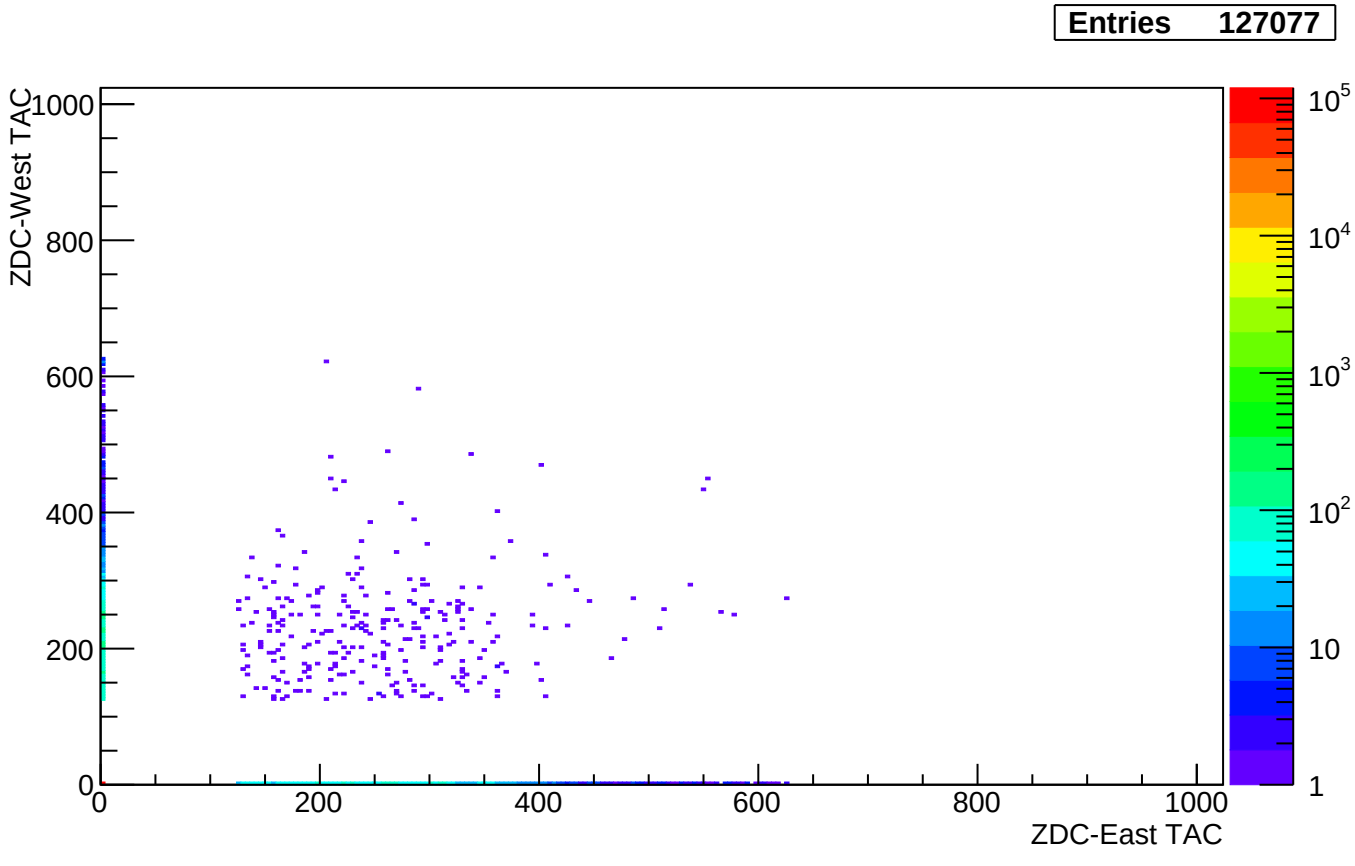

Entries 127077
TOF_Mult
VPD-East ADC Sum

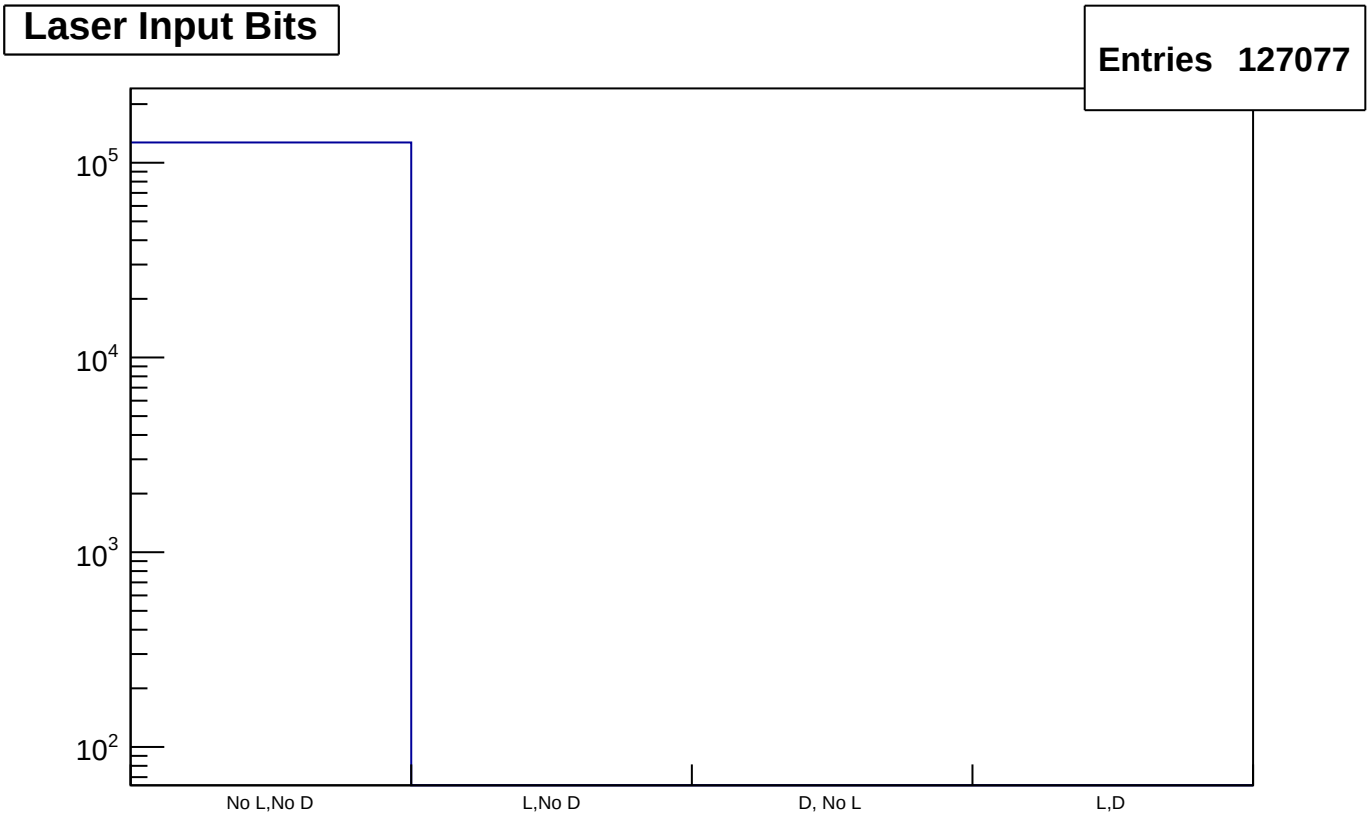

Entries 127077
TOF_Mult
VPD-West ADC Sum

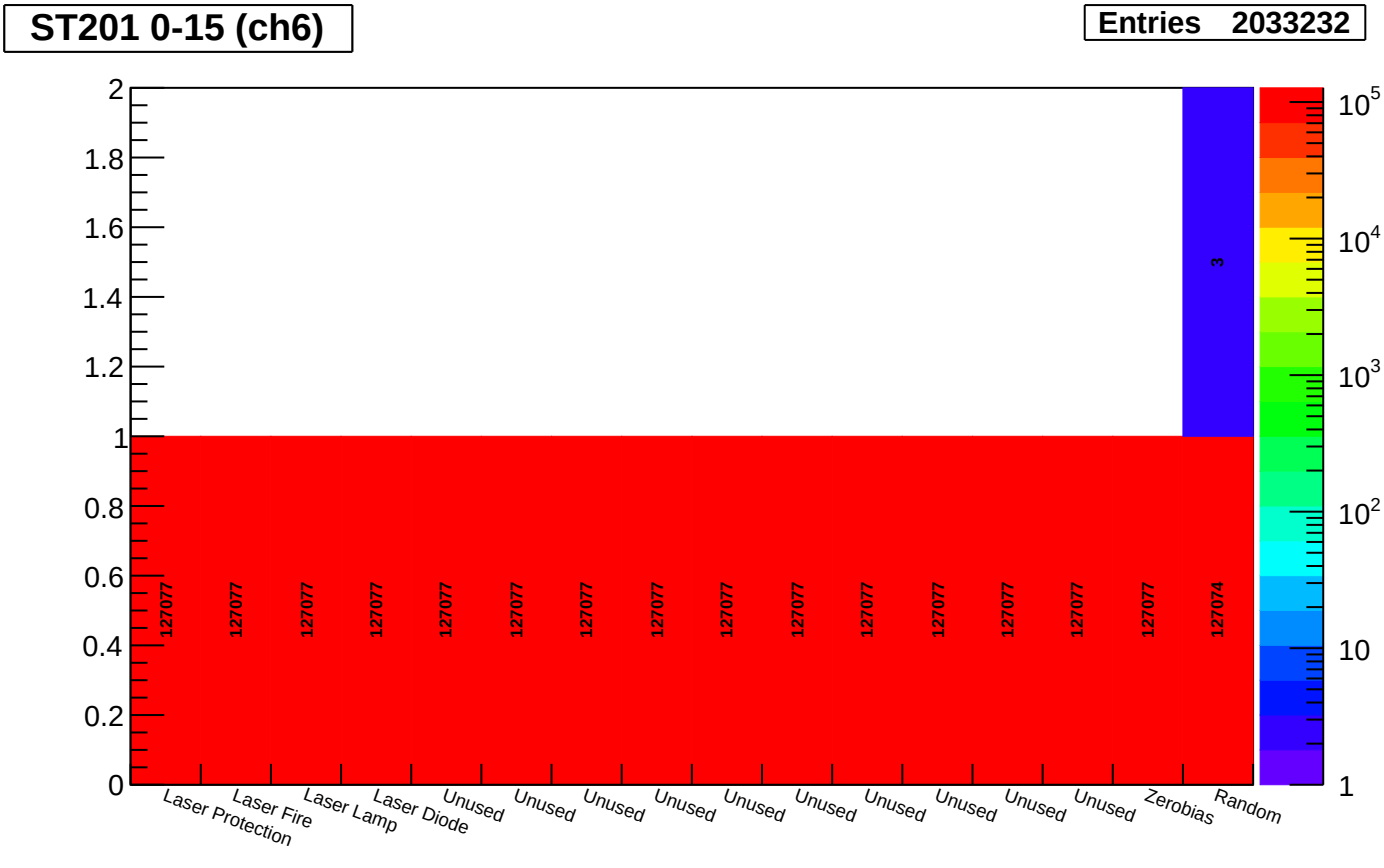

Entries 127077
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

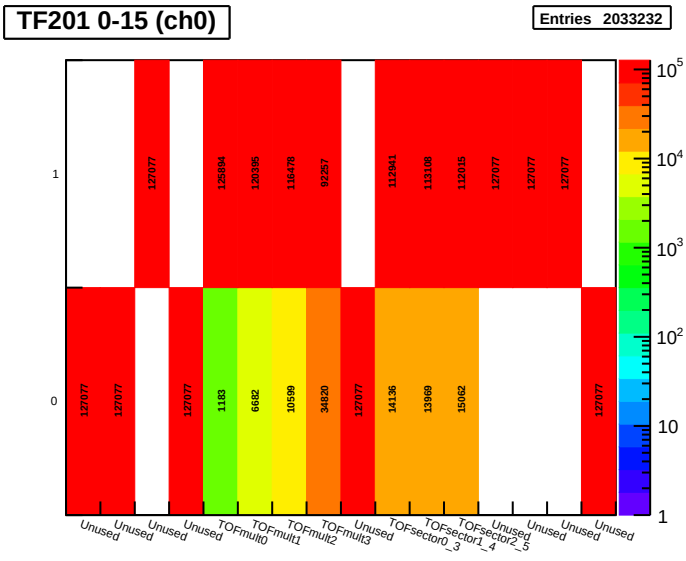

Entries 127077
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

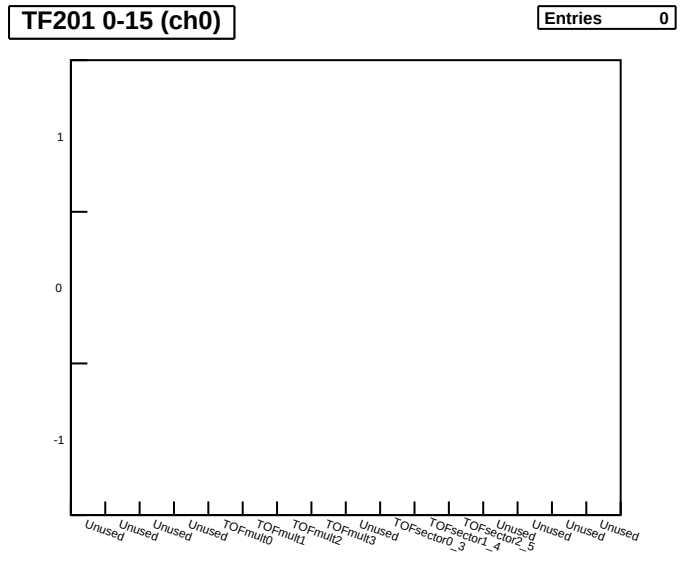

Entries 127077
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

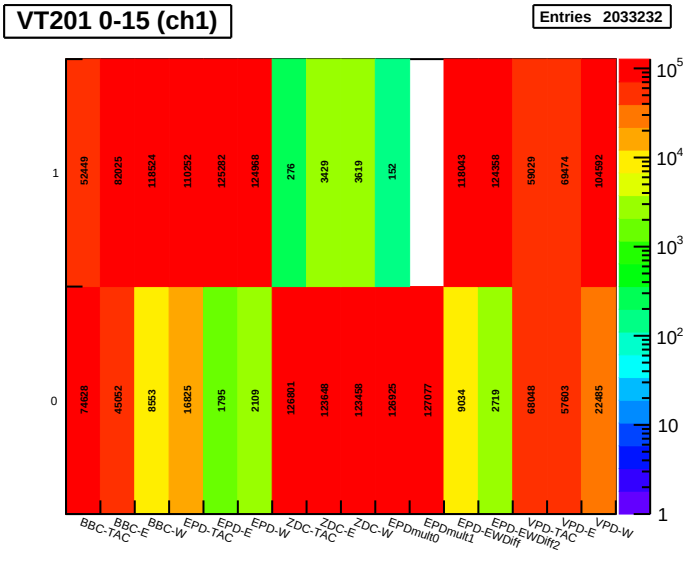

Entries 127077
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

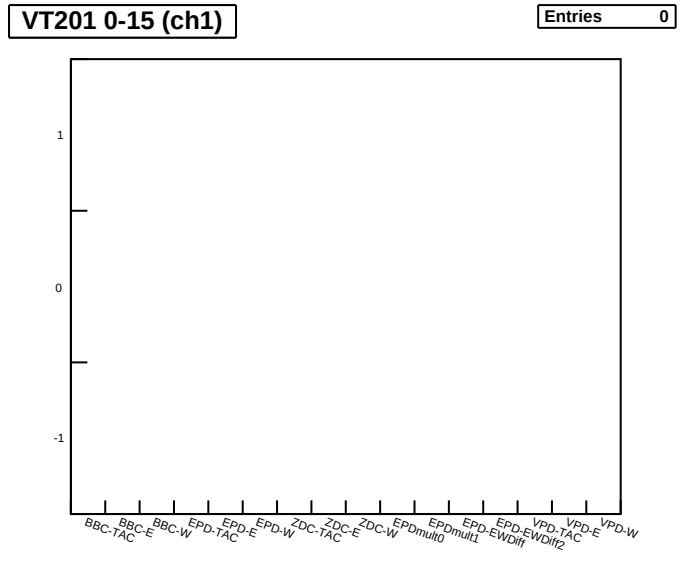

Laser Input Bits
Entries 127077
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

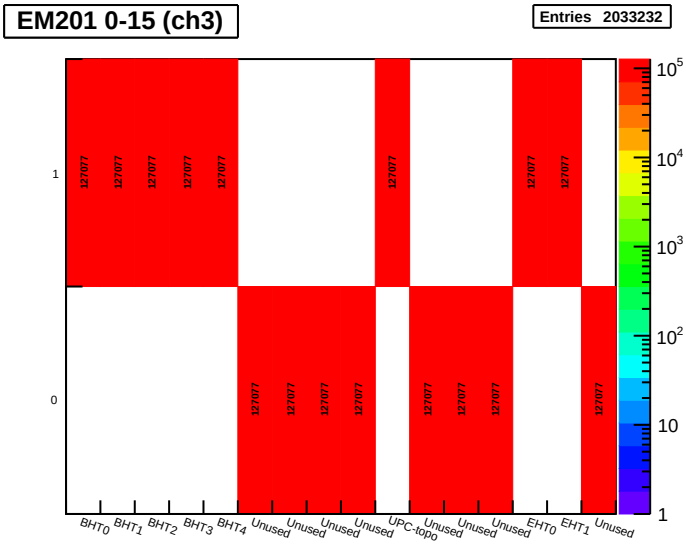

ST201 0-15 (ch6)
Entries 2033232
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
127077
127074
3
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

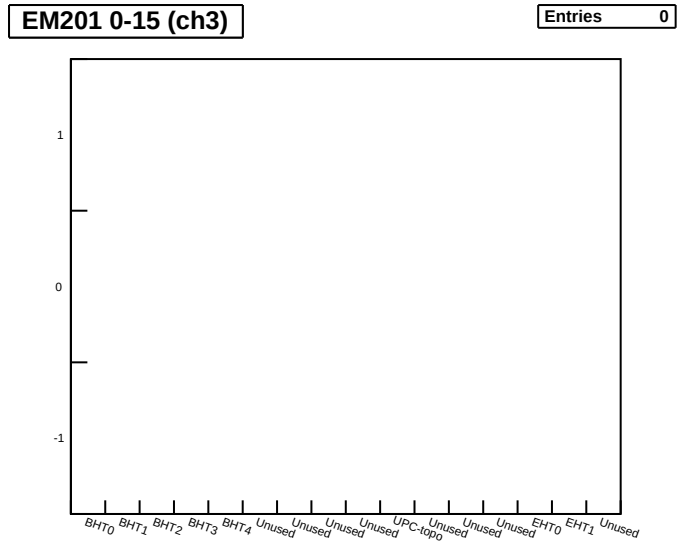

TF201 0-15 (ch0)
Entries 2033232
1
0
127077 125894 120395 116478 92257 112941 113108 112015 127077 127077 127077
127077 127077 127077 1183 6682 10599 34820 127077 14136 13969 15062 127077
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


VT201 0-15 (ch1)
Entries 2033232
1
0
52449 82025 118524 110252 125282 124968 276 3429 3619 152 118043 124358 59029 69474 104392
74628 45052 8553 16825 1795 2109 126801 123648 123458 126925 127077 9034 2719 68048 57603 22485
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 2033232
1
0
127077 127077 127077 127077 127077 127077 127077 127077
127077 127077 127077 127077 127077 127077 127077 127077
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused