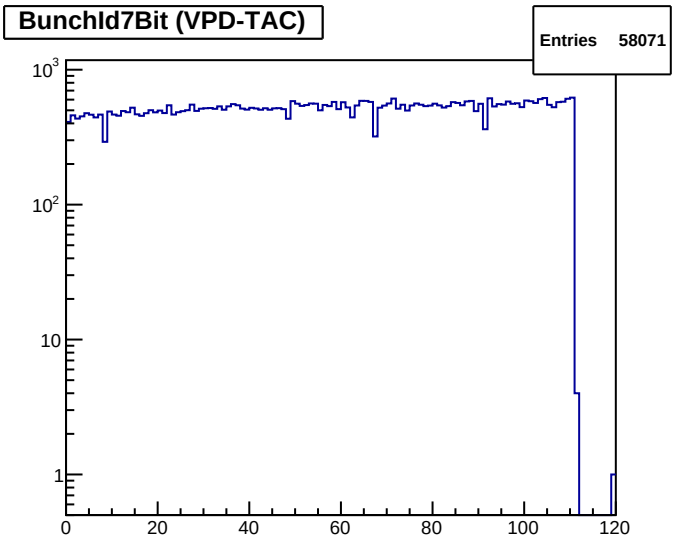
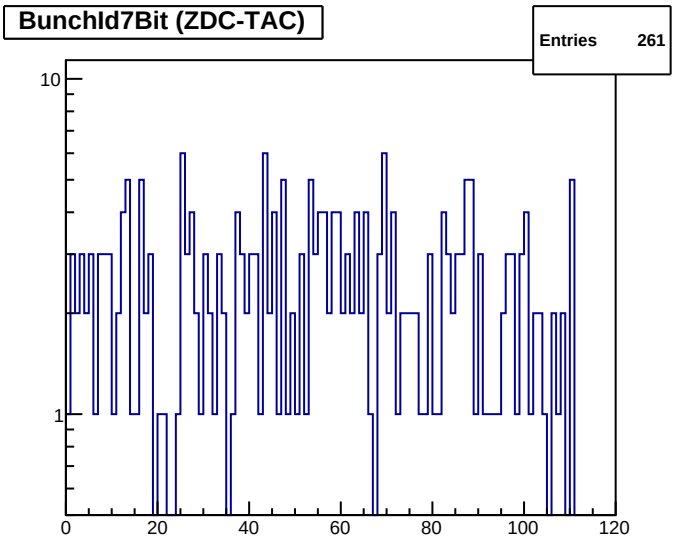
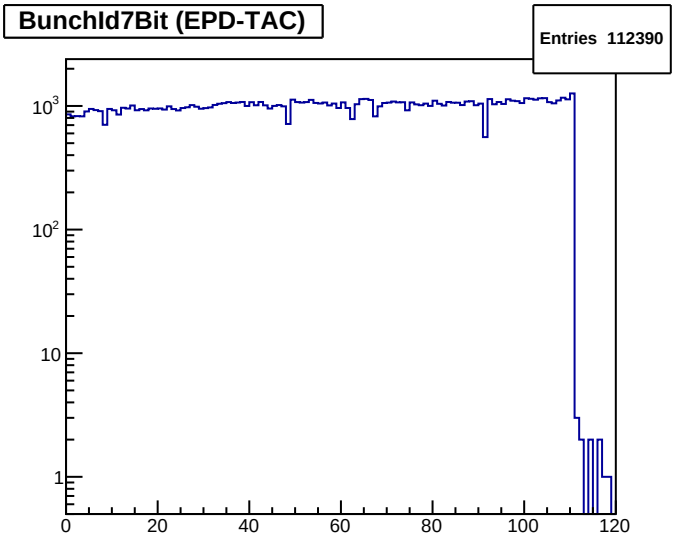
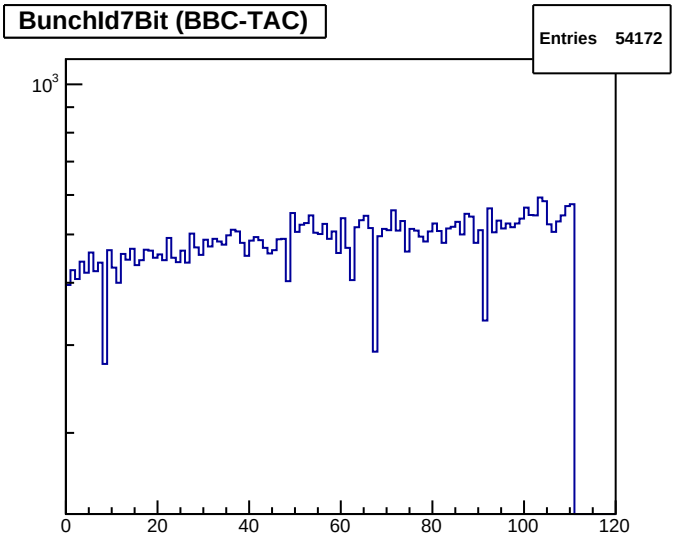
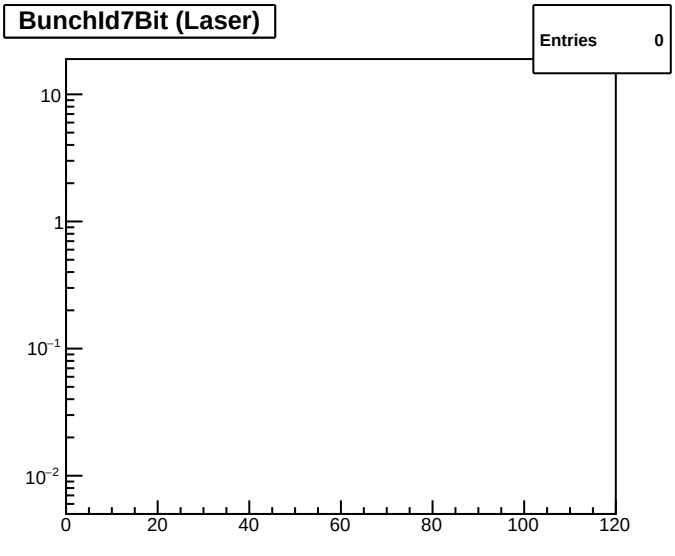
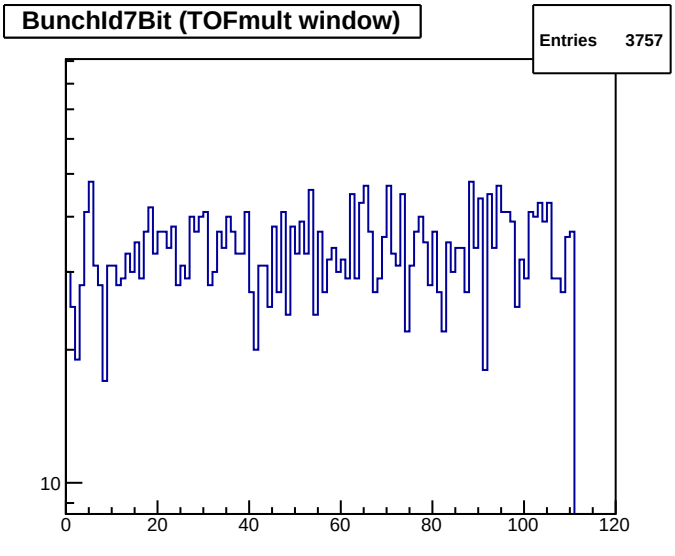

BunchId7Bit (VPD-TAC)
Entries 58071

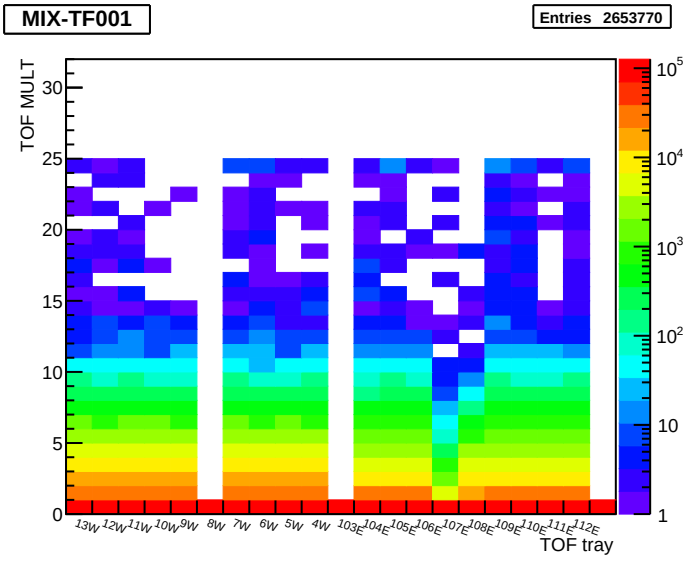

BunchId7Bit (ZDC-TAC)
Entries 261

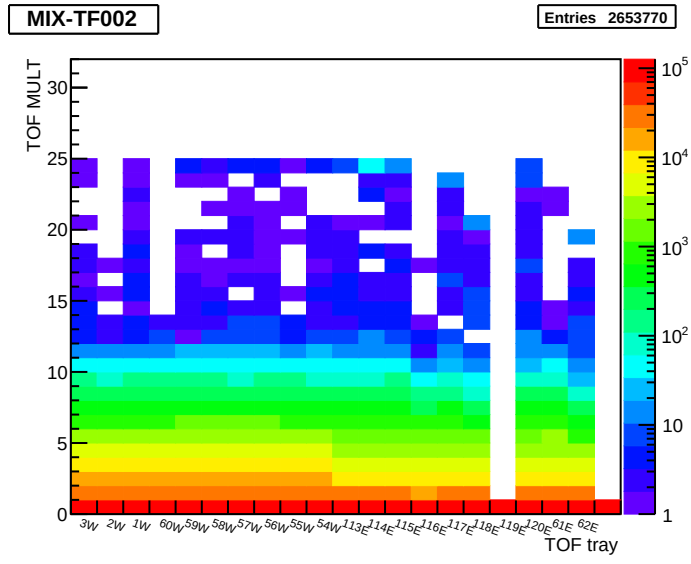

BunchId7Bit (EPD-TAC)
Entries 112390

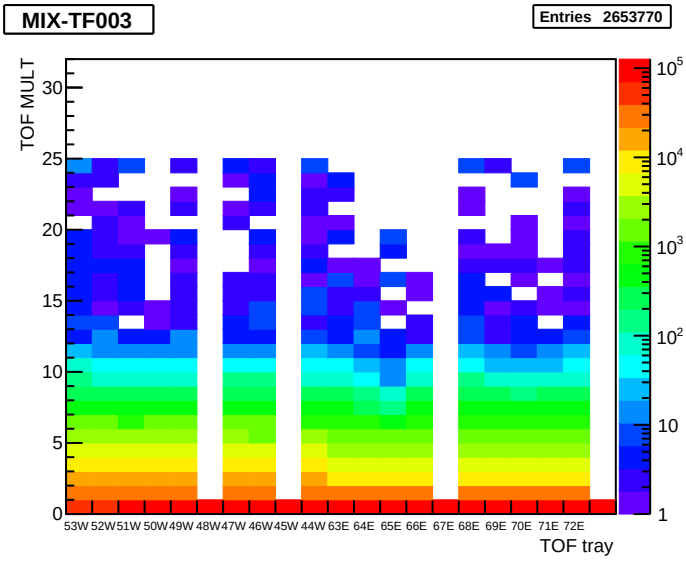

BunchId7Bit (BBC-TAC)
Entries 54172

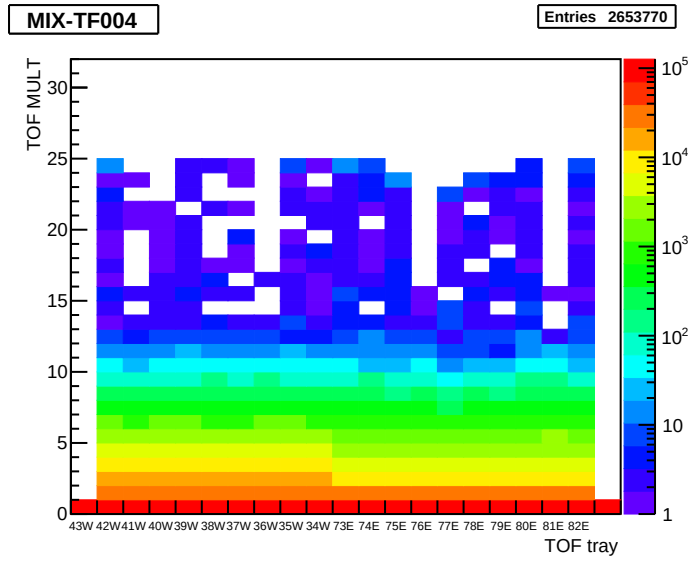

BunchId7Bit (Laser)
Entries 0

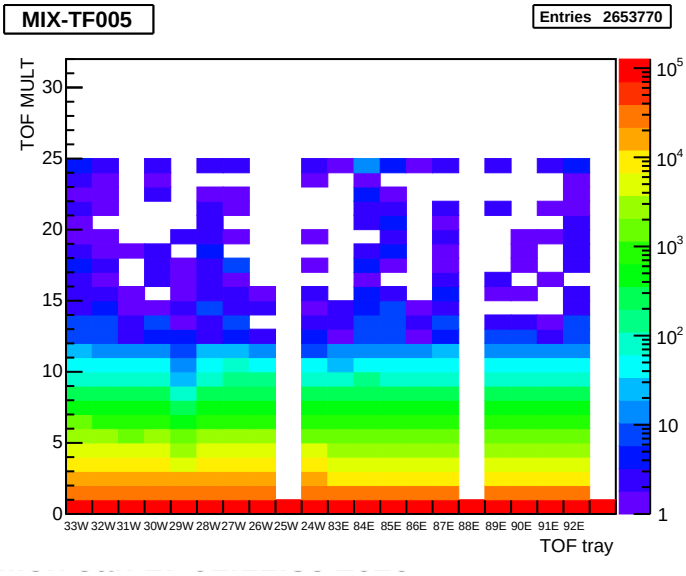

BunchId7Bit (TOFmult window)
Entries 3757

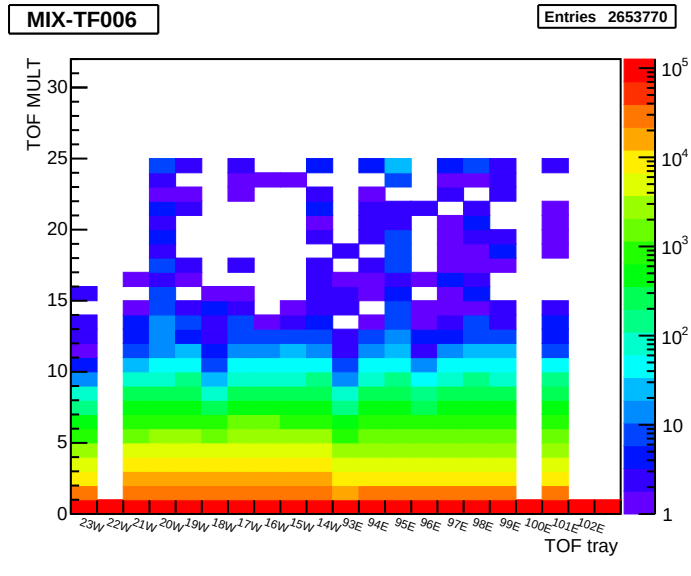

MIX-TF001
Entries 2653770
TOF MULT
TOF tray

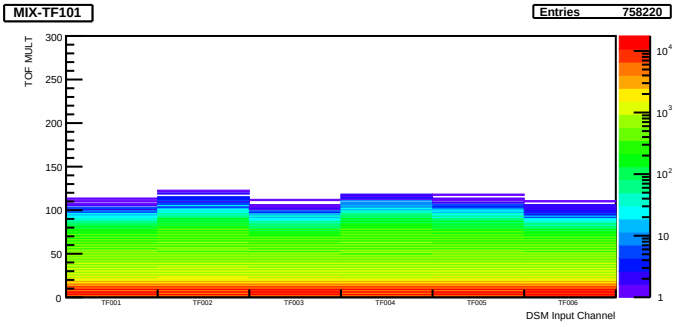

MIX-TF002
Entries 2653770
TOF MULT
TOF tray

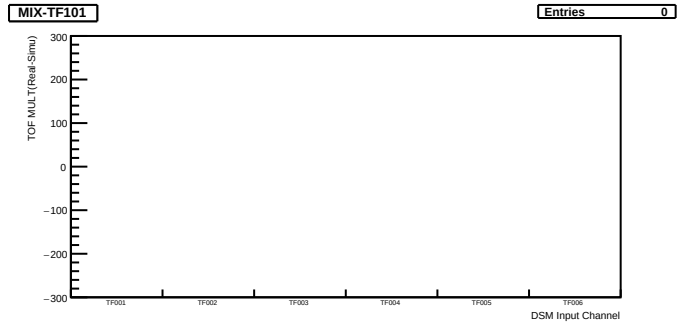

MIX-TF003
Entries 2653770
TOF MULT
TOF tray

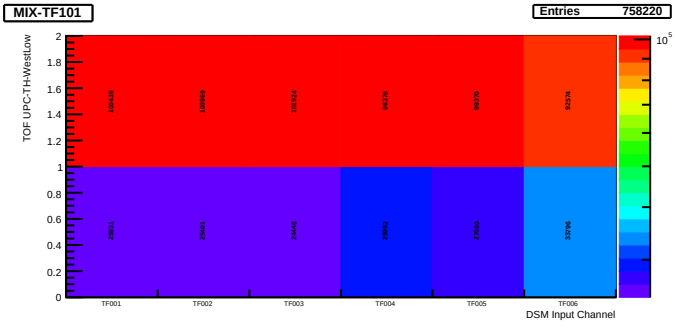

MIX-TF004
Entries 2653770
TOF MULT
TOF tray

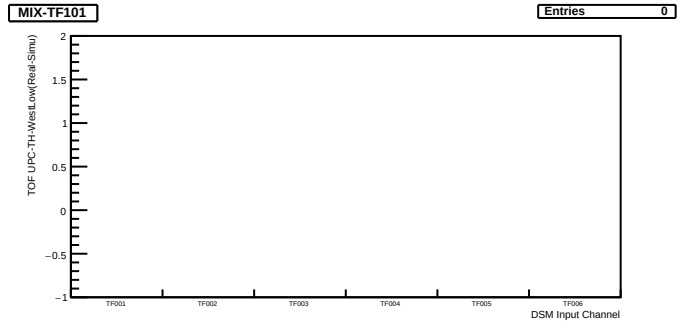

MIX-TF005
Entries 2653770
TOF MULT
TOF tray

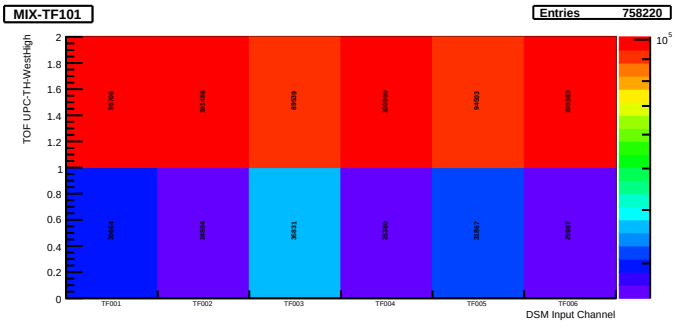

MIX-TF006
Entries 2653770
TOF MULT
TOF tray

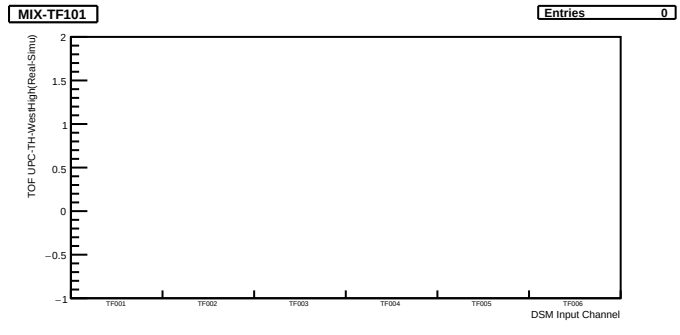

MIX-TF101
Entries 758220
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

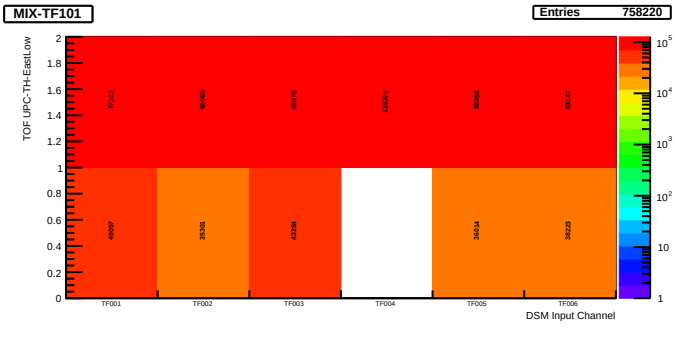

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

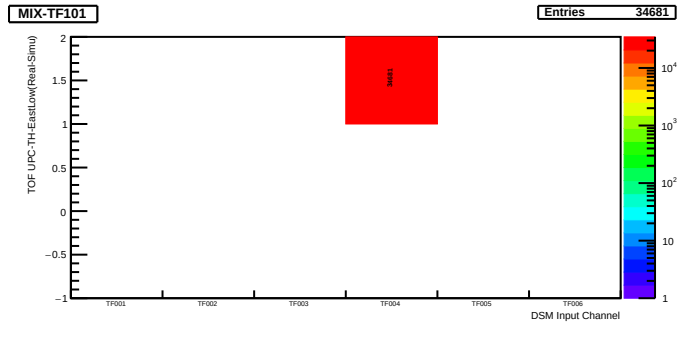

MIX-TF101
Entries 758220
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

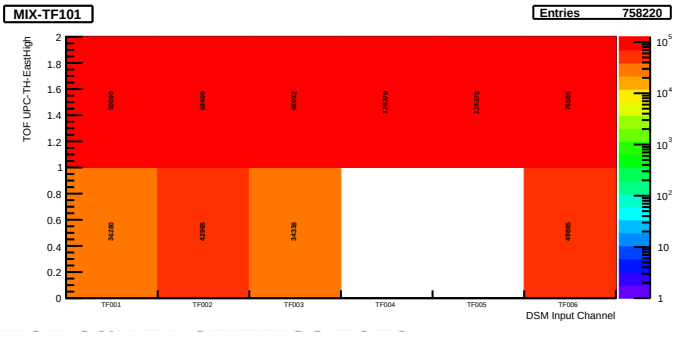

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

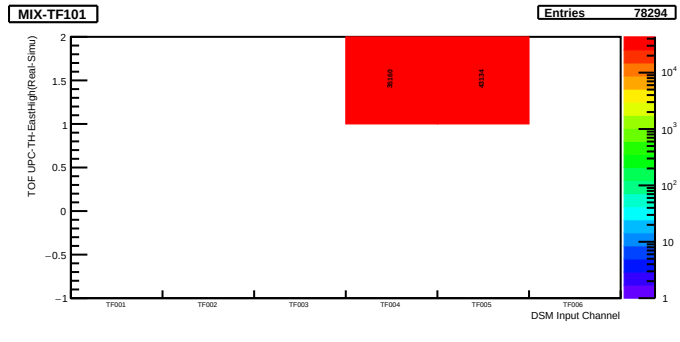

MIX-TF101
Entries 758220
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

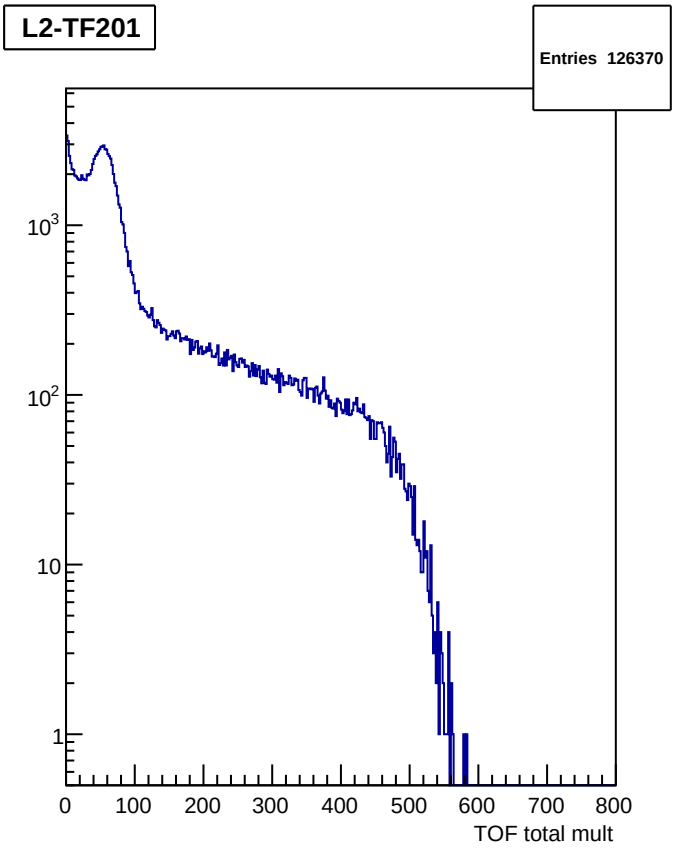

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

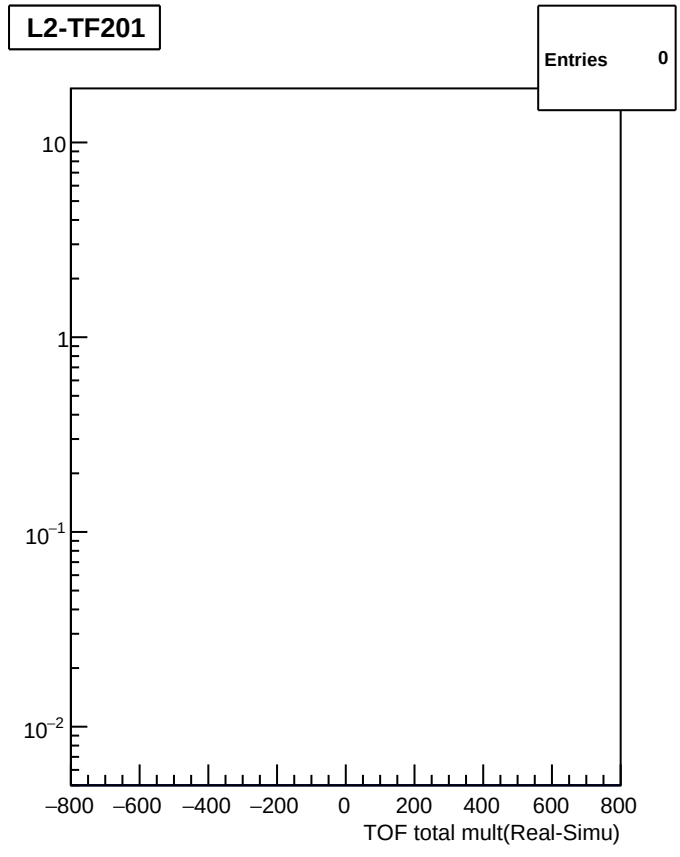

MIX-TF101
Entries 758220
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

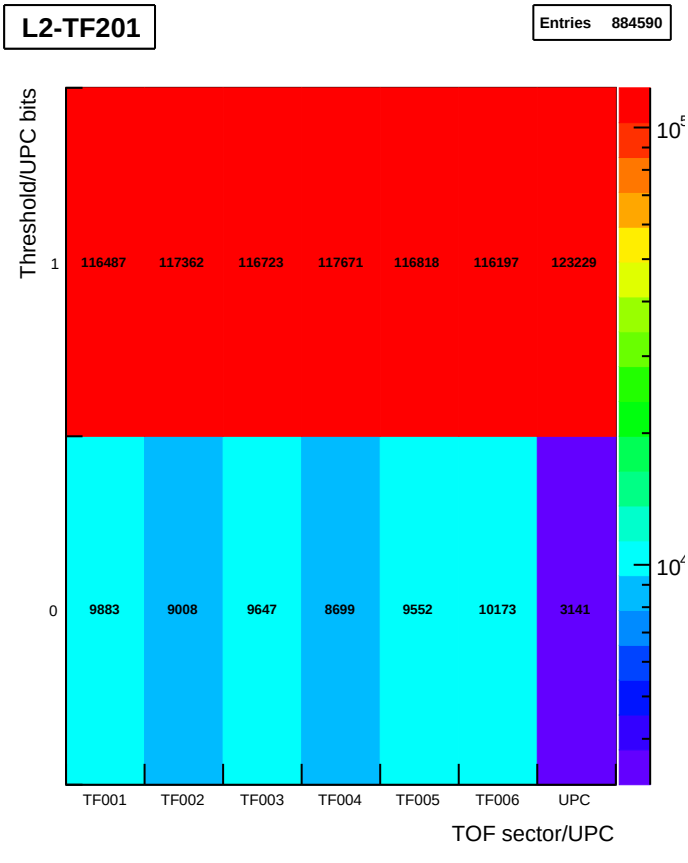

MIX-TF101
Entries 34681
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

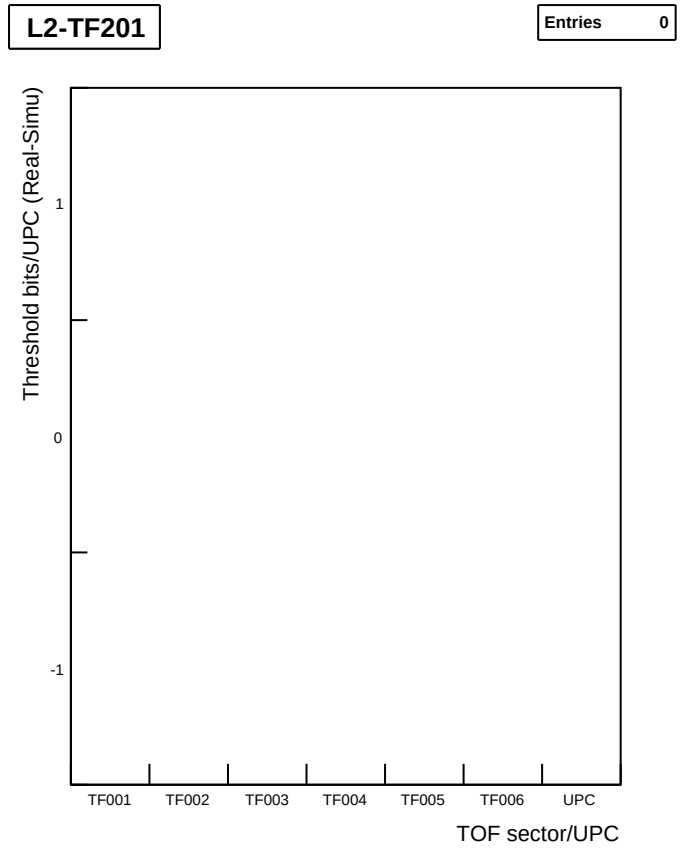

MIX-TF101
Entries 758220
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

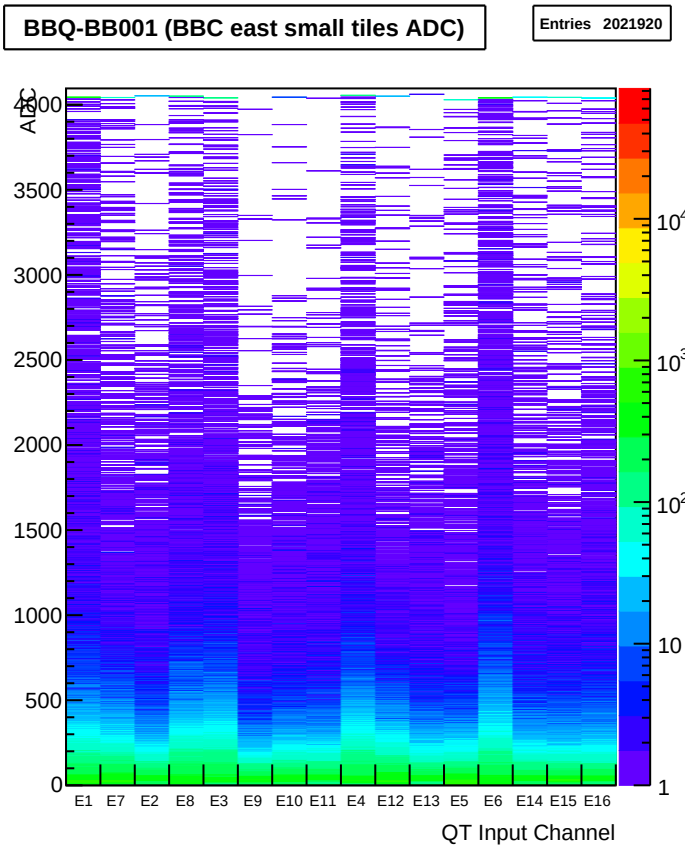

MIX-TF101
Entries 78294
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

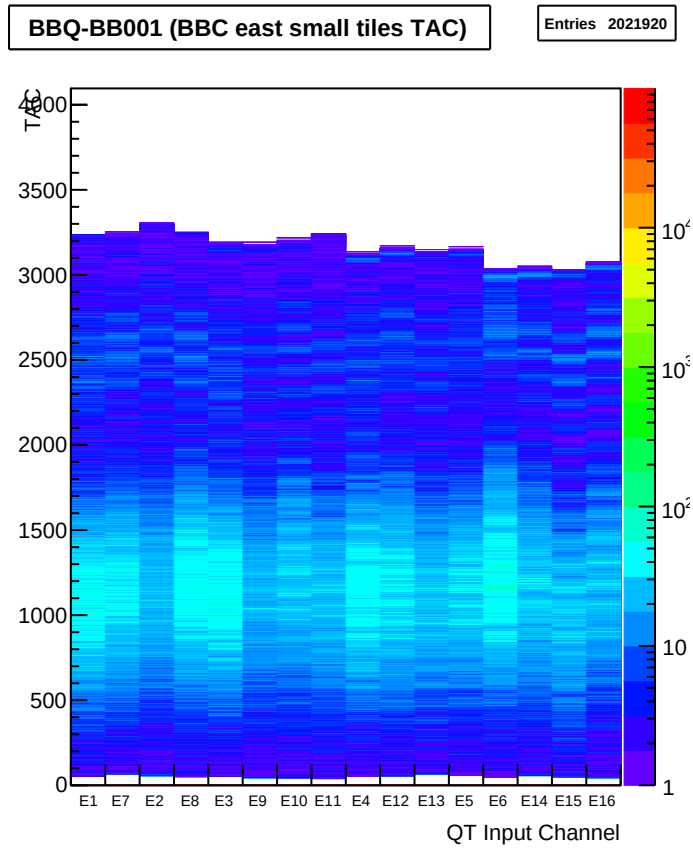

L2-TF201
Entries 126370
TOF total mult

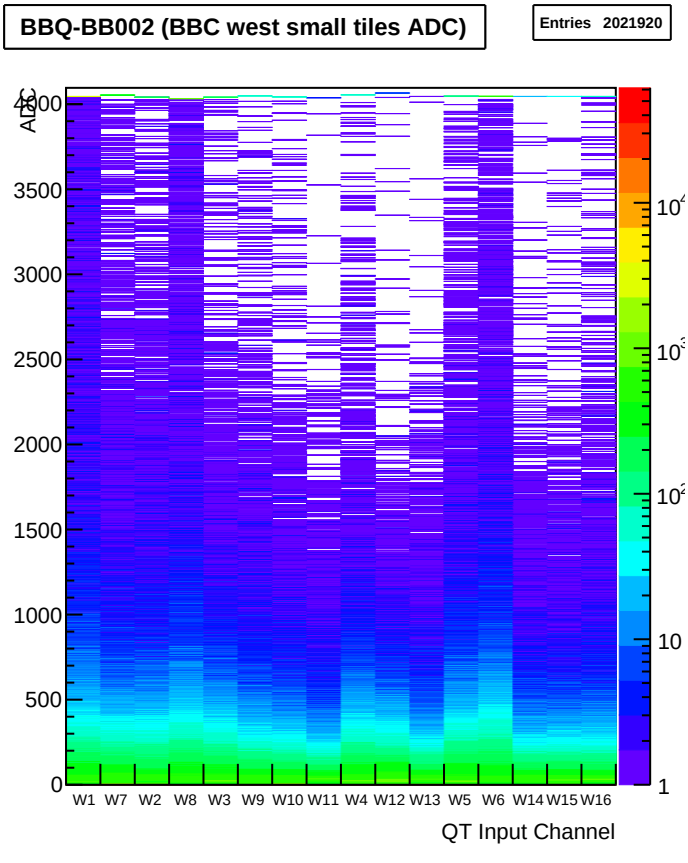

L2-TF201
Entries 0
TOF total mult(Real-Simu)

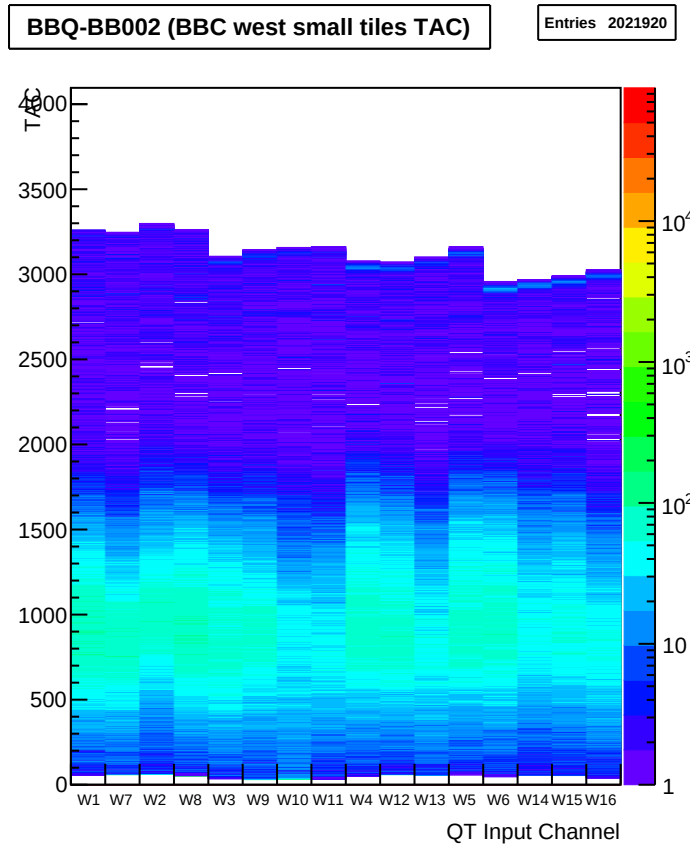

L2-TF201
Entries 884590
Threshold/UPC bits
116487
117362
116723
117671
116818
116197
123229
9883
9008
9647
8699
9552
10173
3141
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

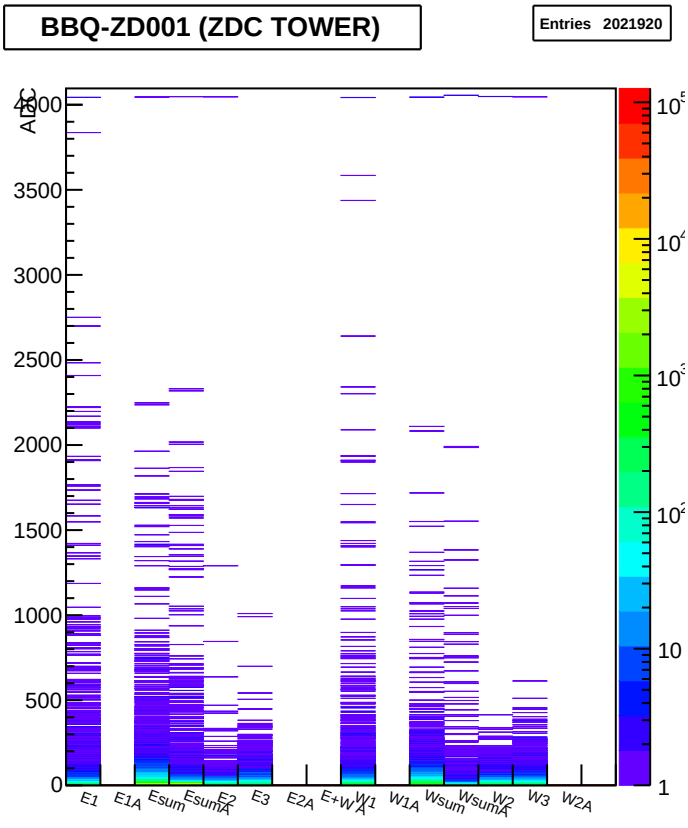

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

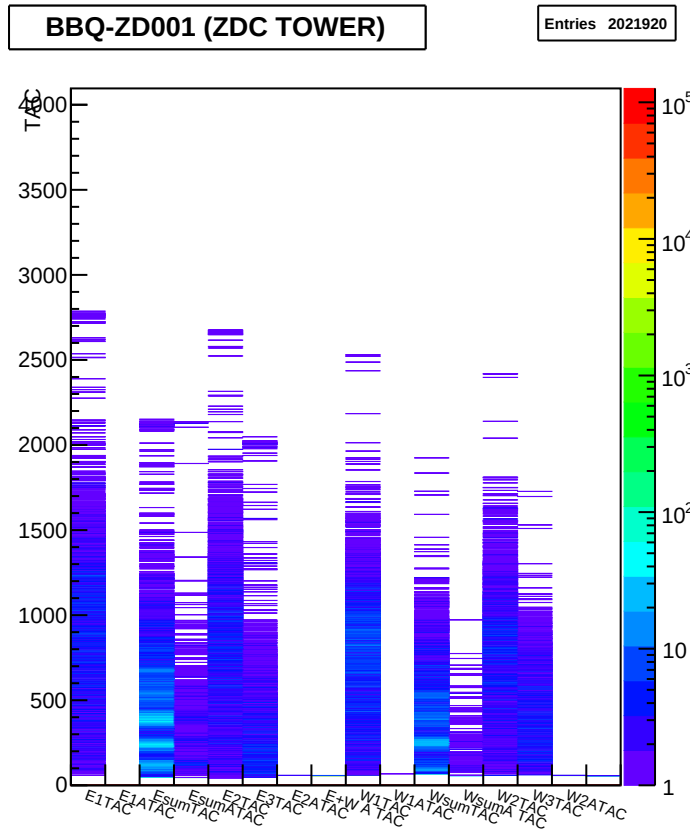

BBQ-BB001 (BBC east small tiles ADC)
Entries 2021920
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

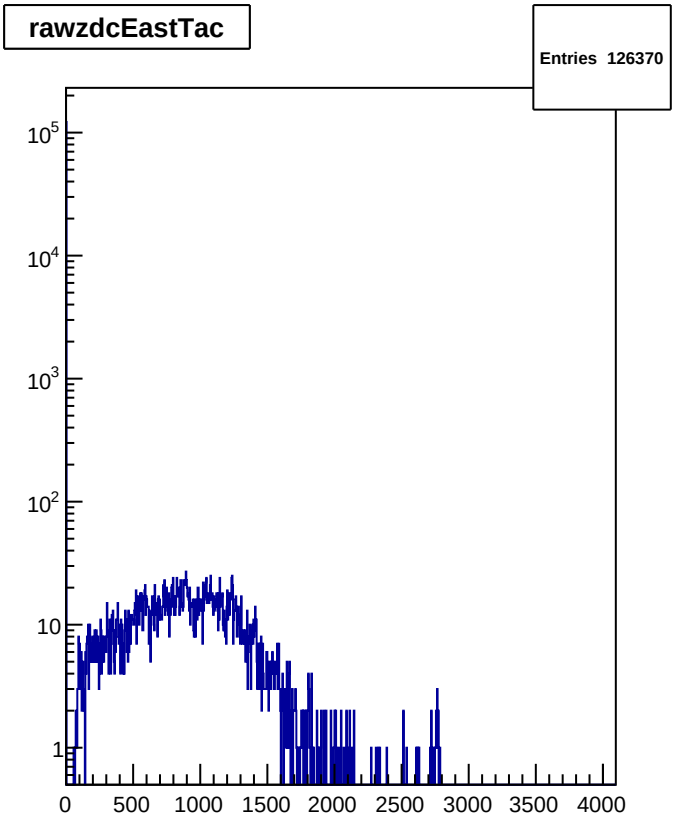

BBQ-BB001 (BBC east small tiles TAC)
Entries 2021920
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

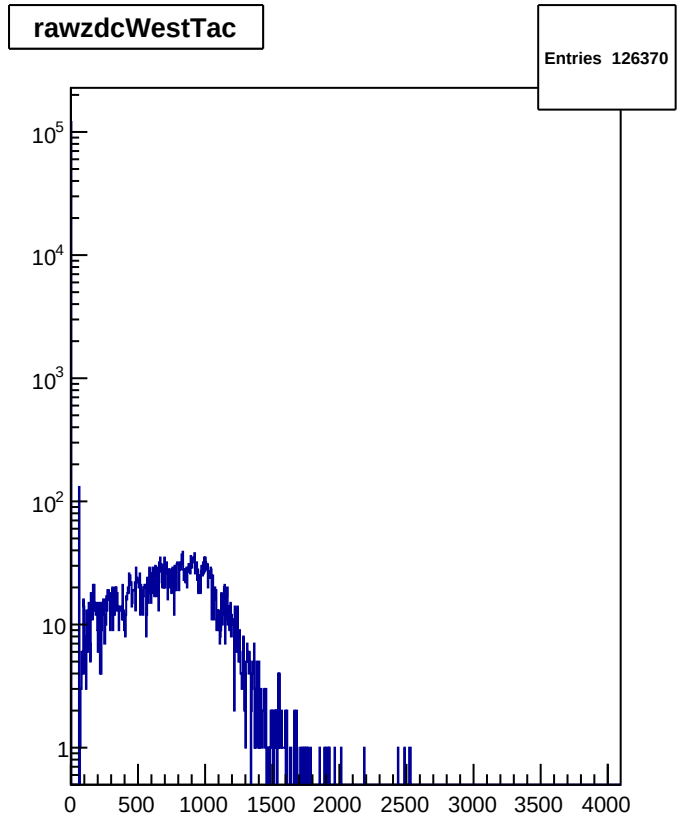

BBQ-BB002 (BBC west small tiles ADC)
Entries 2021920
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

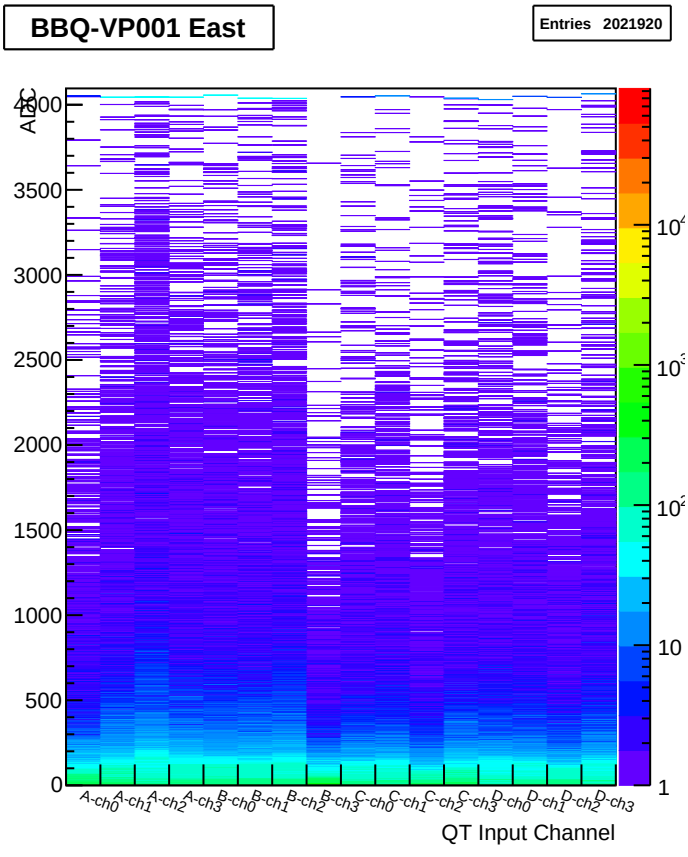

BBQ-BB002 (BBC west small tiles TAC)
Entries 2021920
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

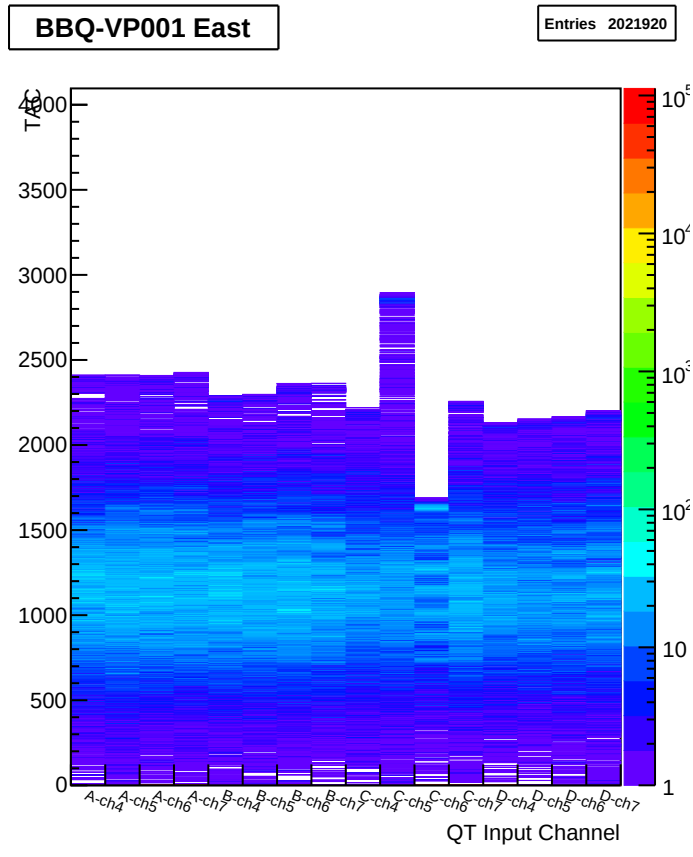

BBQ-ZD001 (ZDC TOWER)
Entries 2021920
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

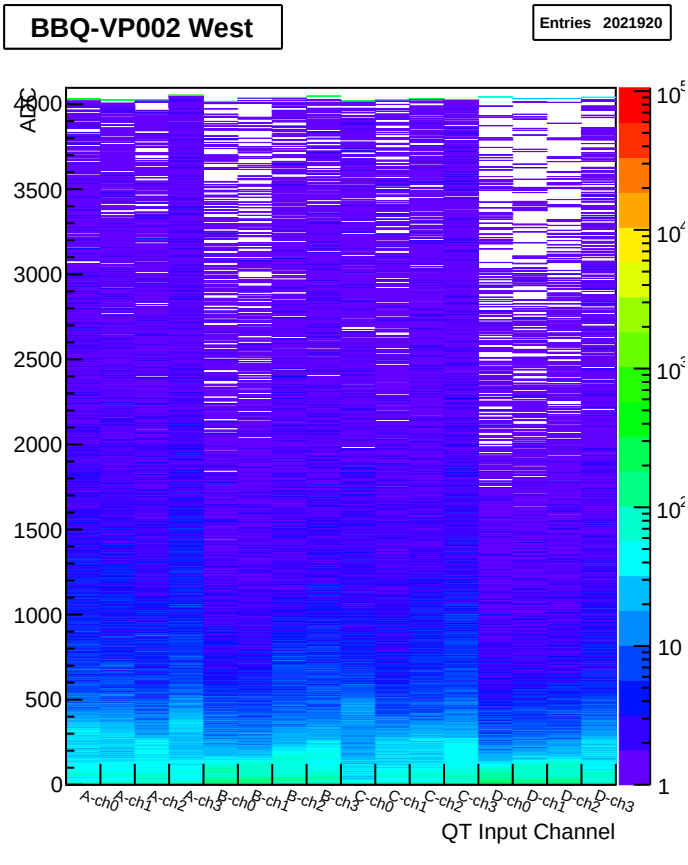

BBQ-ZD001 (ZDC TOWER)
Entries 2021920
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

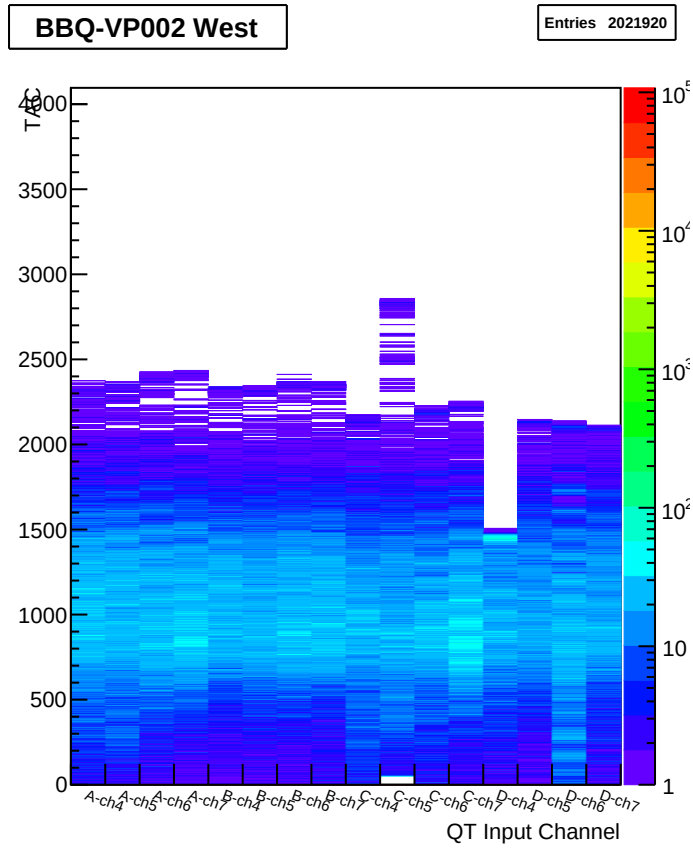

rawzdcEastTac
Entries 126370

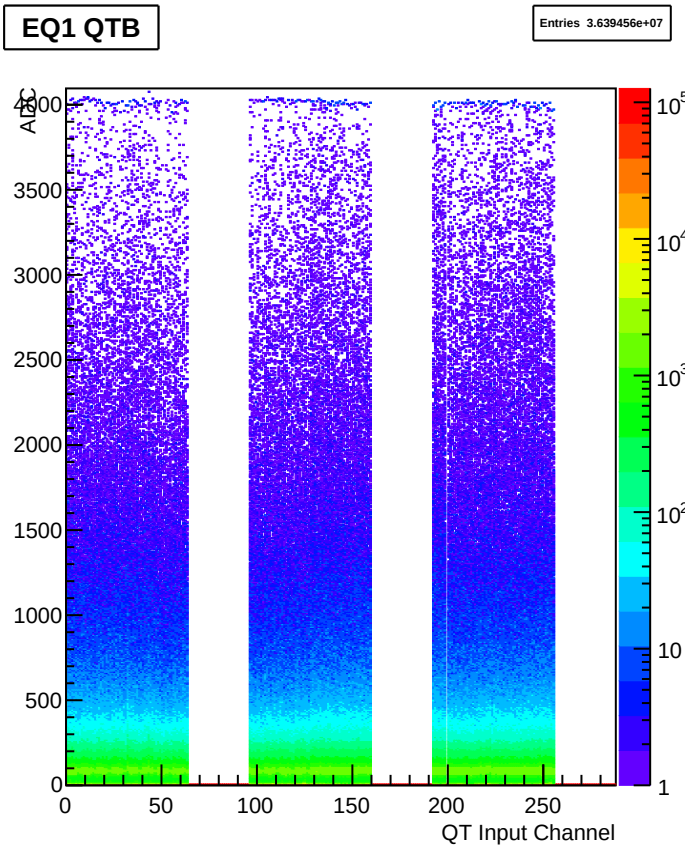

rawzdcWestTac
Entries 126370

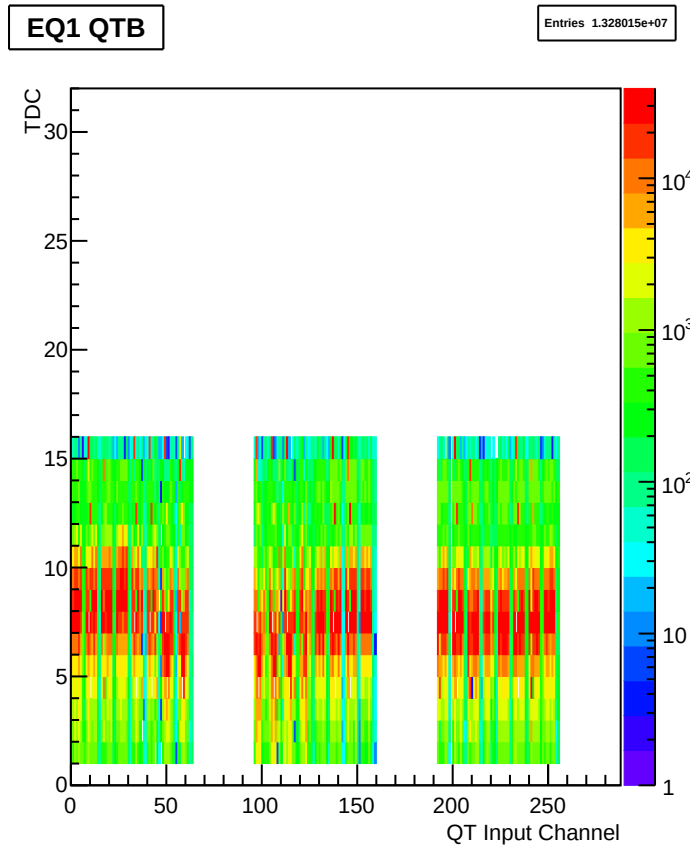

BBQ-VP001 East
Entries 2021920
ADC
QT Input Channel

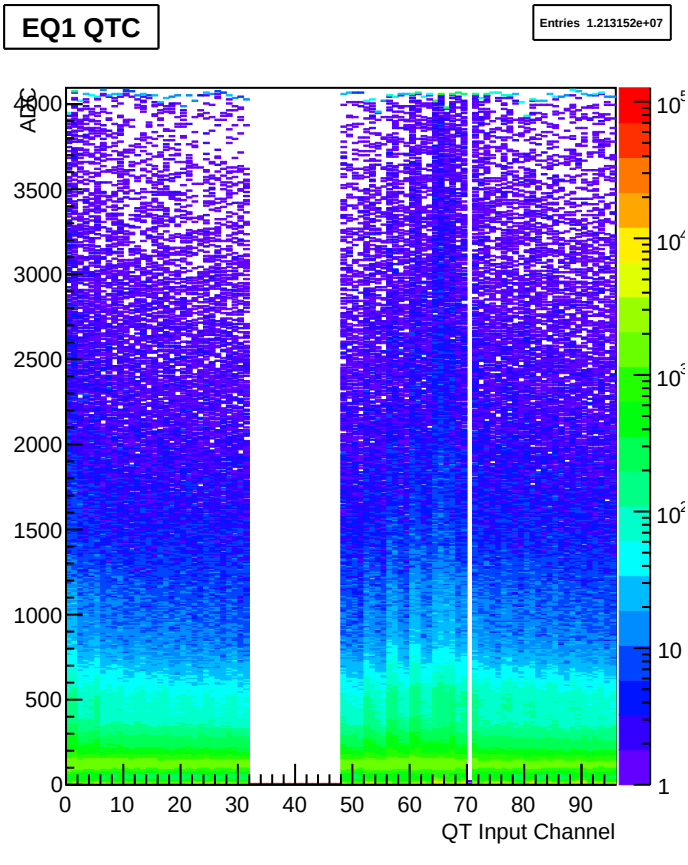

BBQ-VP001 East
Entries 2021920
TAC
QT Input Channel

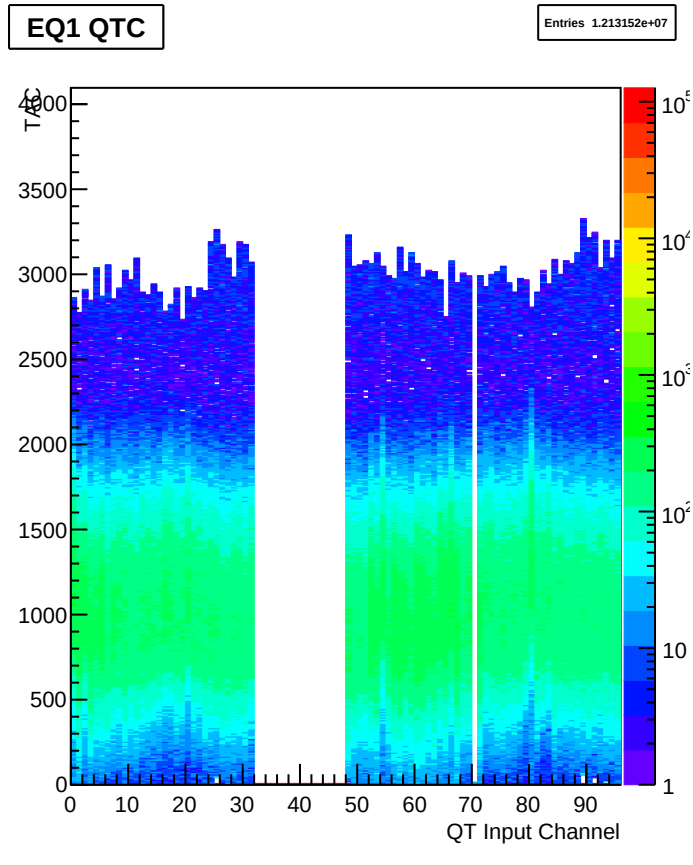

BBQ-VP002 West
Entries 2021920
ADC
QT Input Channel

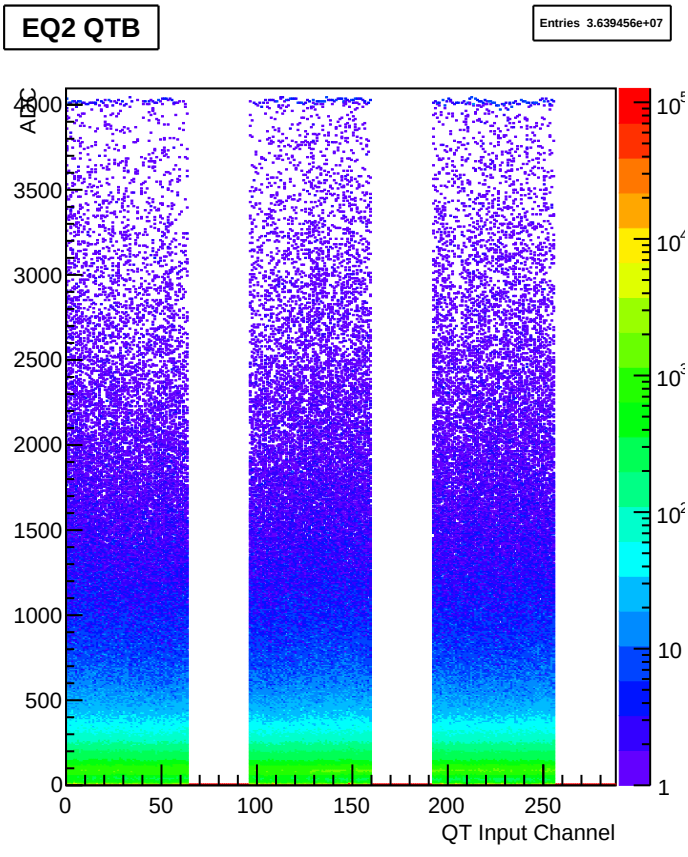

BBQ-VP002 West
Entries 2021920
TAC
QT Input Channel

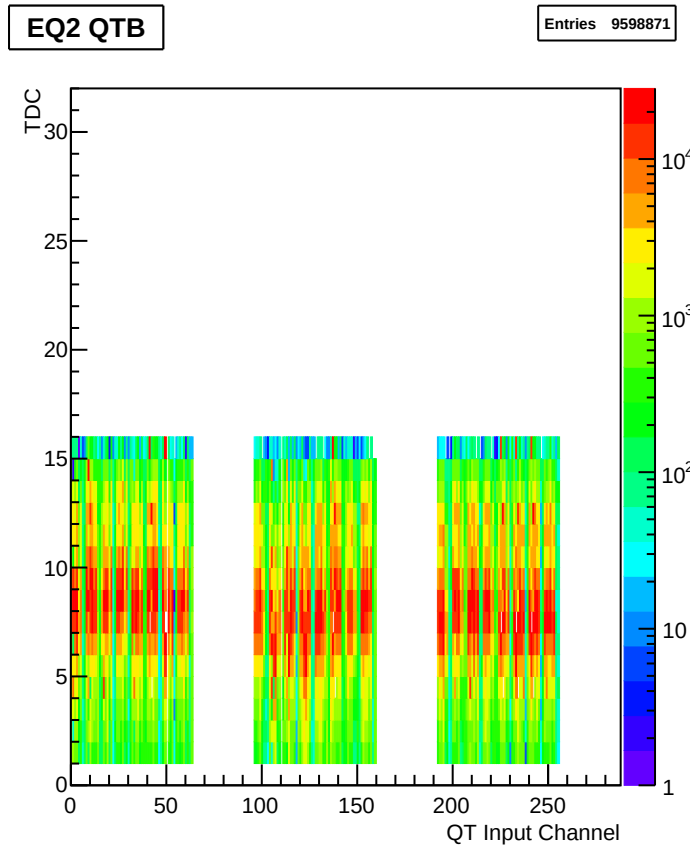

EQ1 QTB
Entries 3.639456e+07
ADC
QT Input Channel

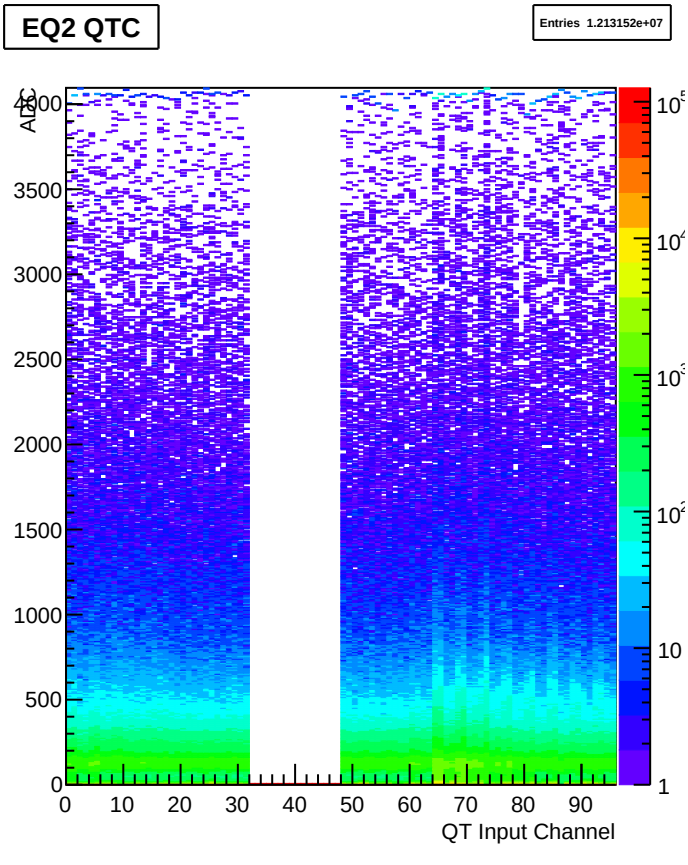

EQ1 QTB
Entries 1.328015e+07
TDC
QT Input Channel

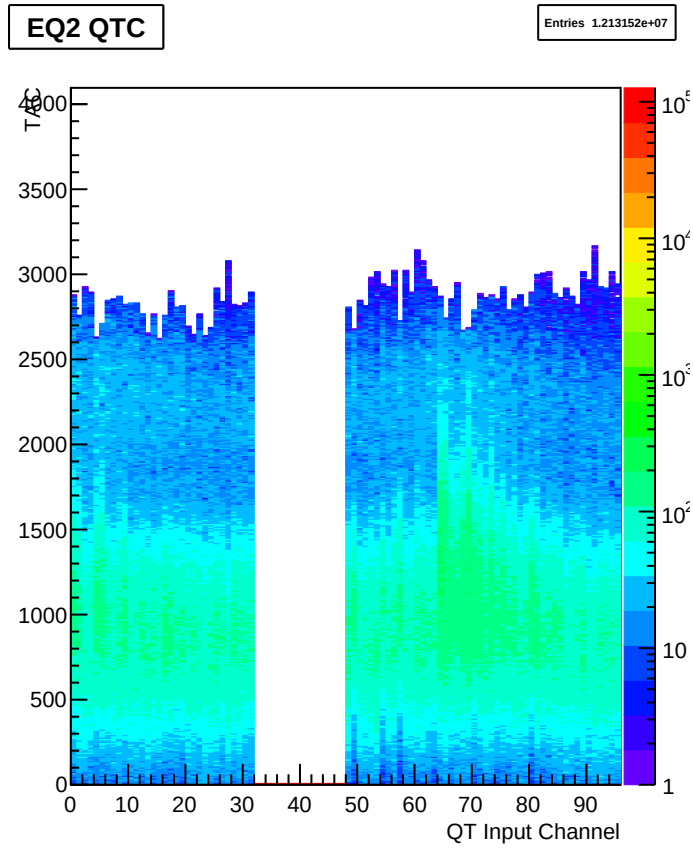

EQ1 QTC
Entries 1.213152e+07
ADC
QT Input Channel

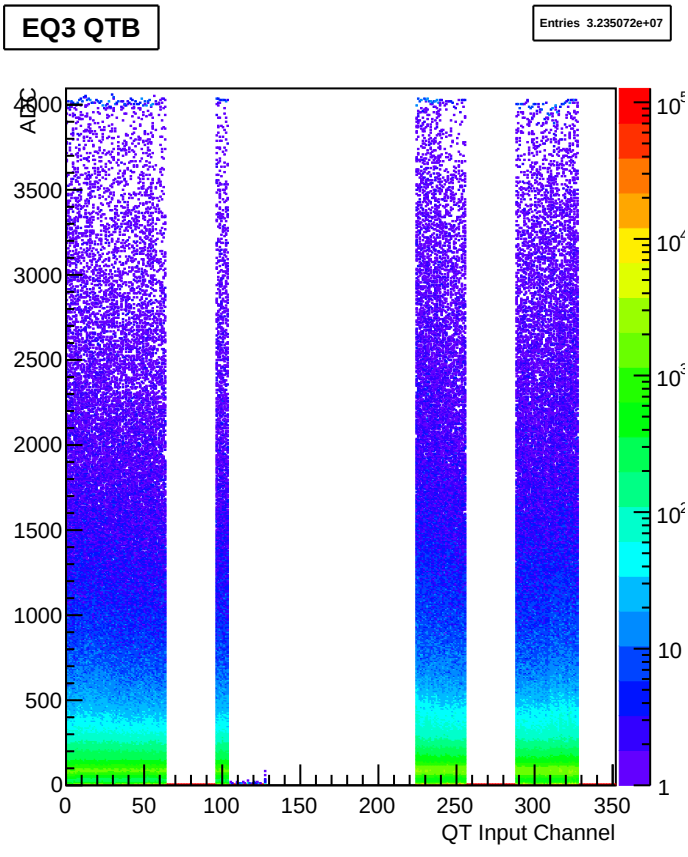

EQ1 QTC
Entries 1.213152e+07
TADC
QT Input Channel

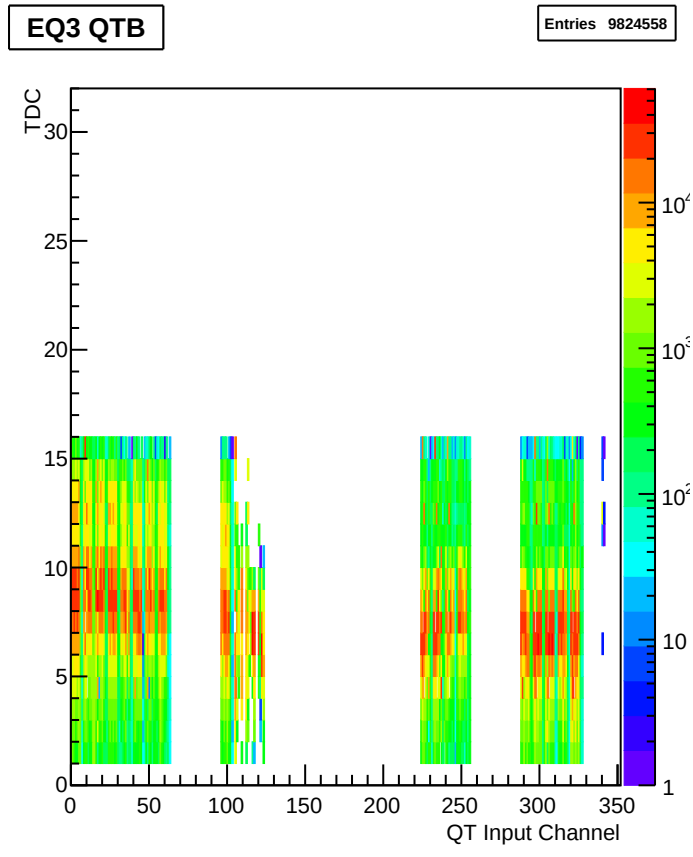

EQ2 QTB
Entries 3.639456e+07
ADC
QT Input Channel

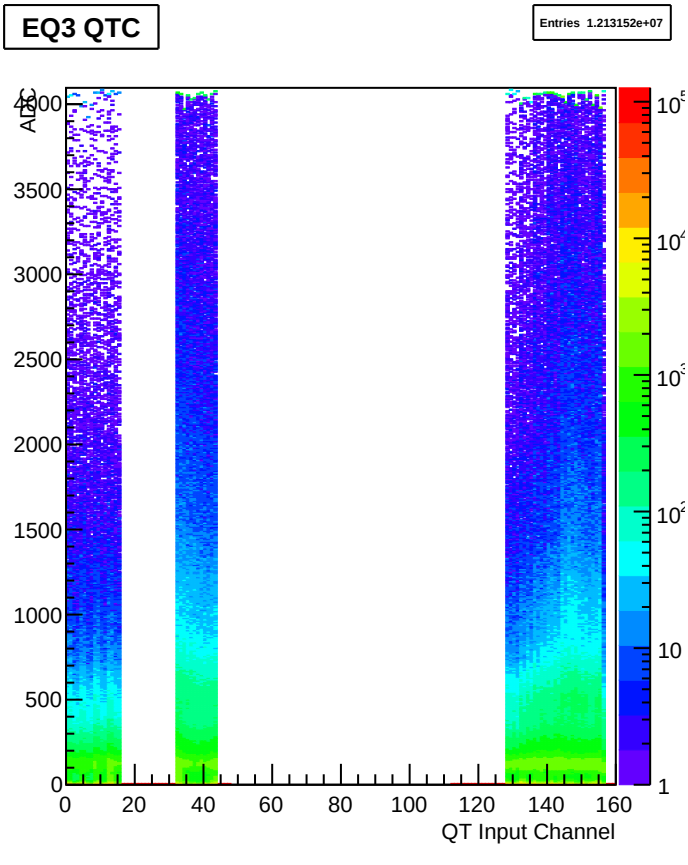

EQ2 QTB
Entries 9598871
TDC
QT Input Channel

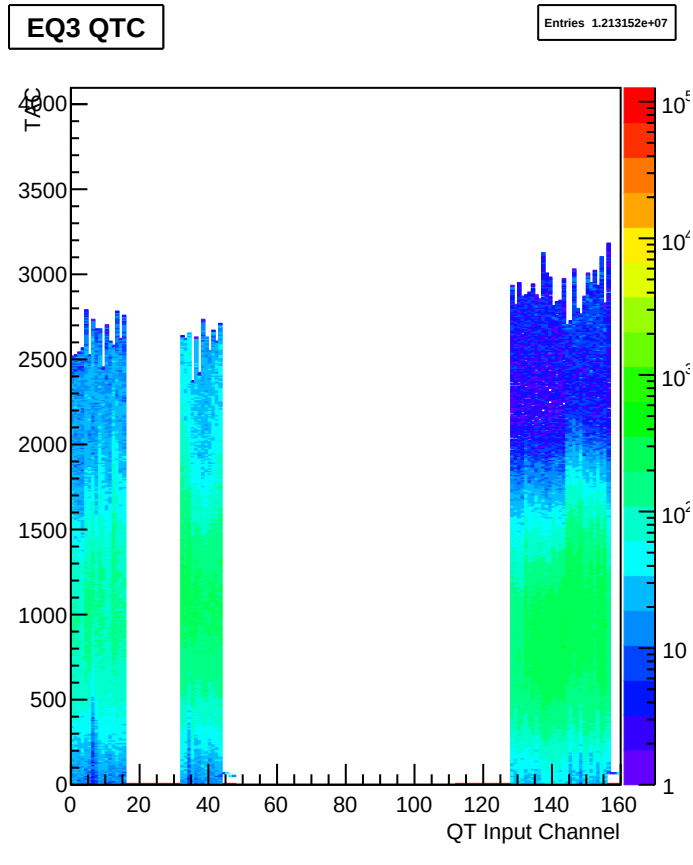

EQ2 QTC
Entries 1.213152e+07
ADC
QT Input Channel

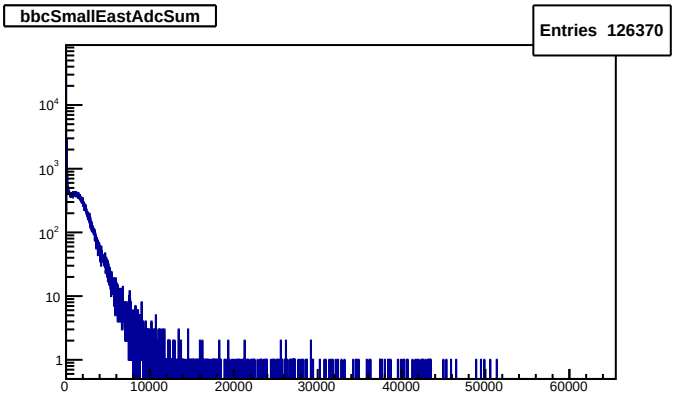

EQ2 QTC
Entries 1.213152e+07
TADC
QT Input Channel

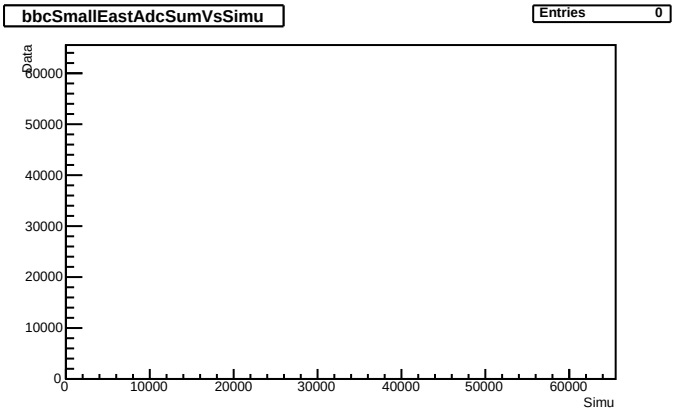

EQ3 QTB
Entries 3.235072e+07
ADC
QT Input Channel

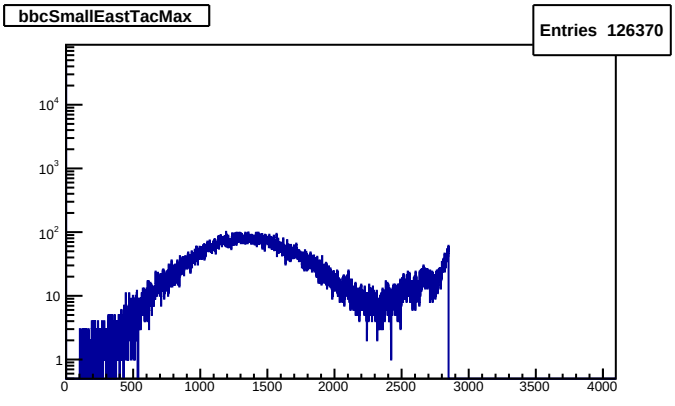

EQ3 QTB
Entries 9824558
TDC
QT Input Channel

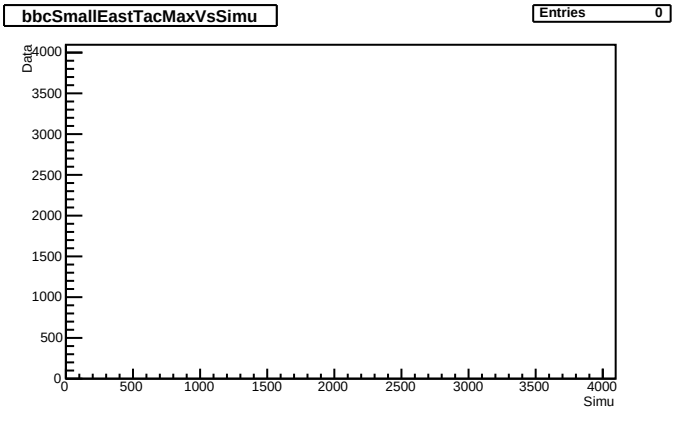

EQ3 QTC
Entries 1.213152e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.213152e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 126370


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 126370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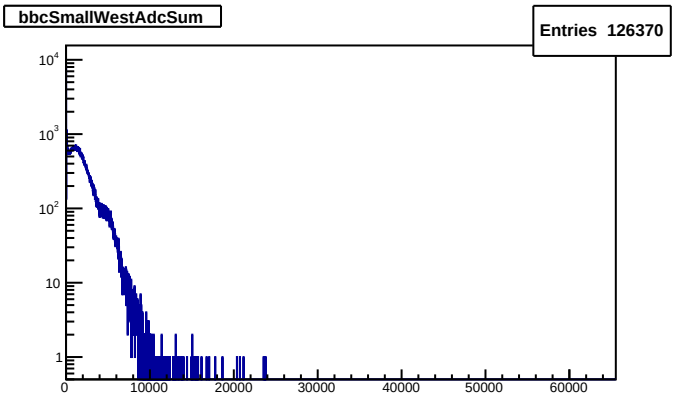
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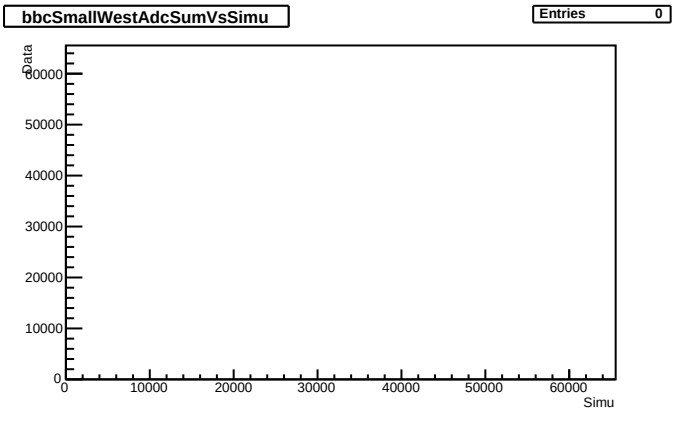
Entries 126370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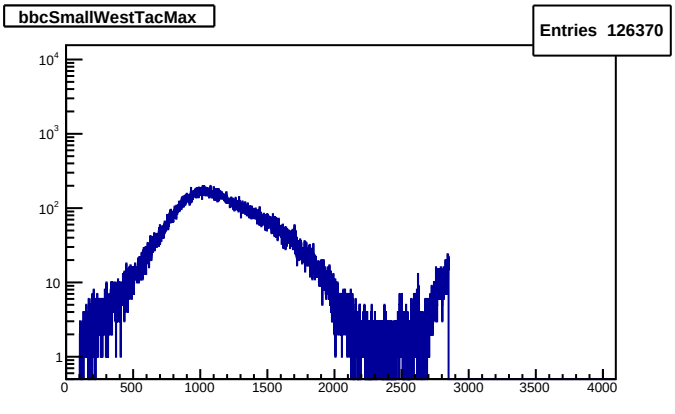
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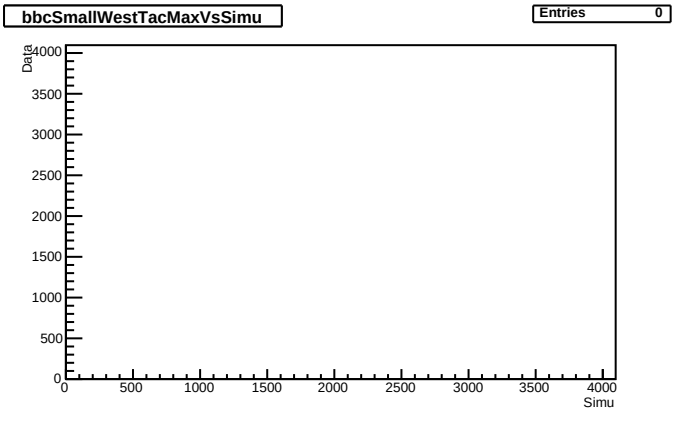
Entries 126370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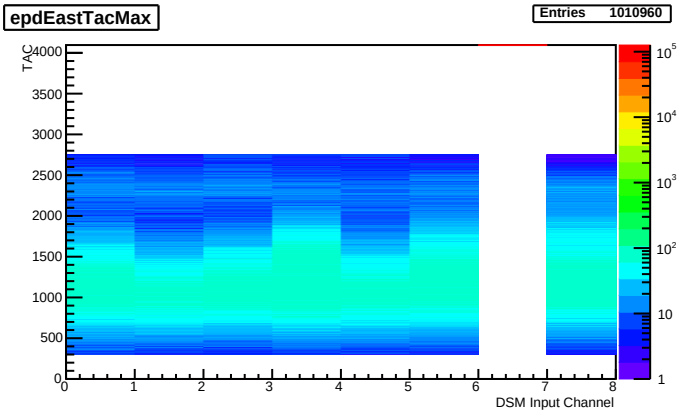
Entries 0
Data
Simu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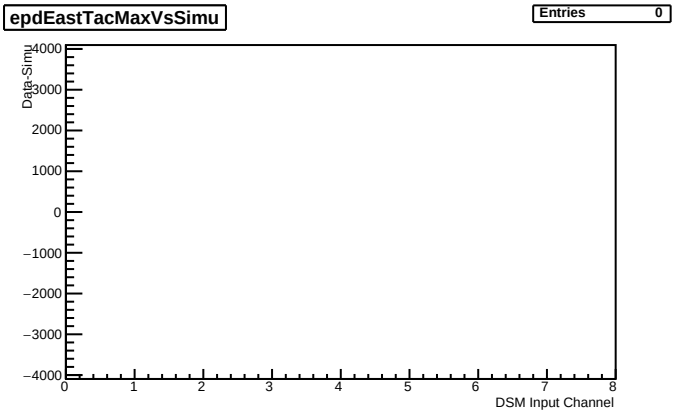
TAC
DSM Input Channel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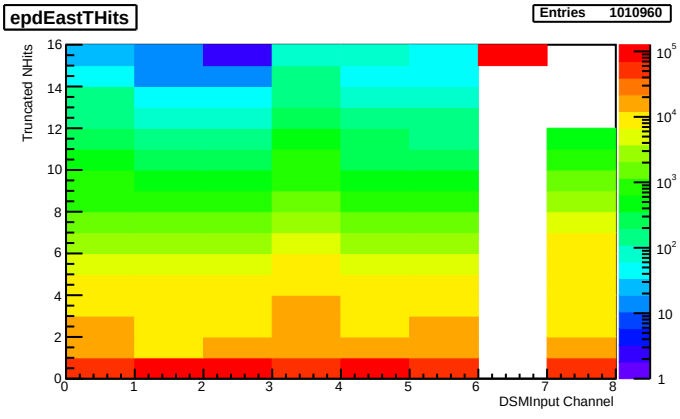
Data-Simu
DSM Input Channel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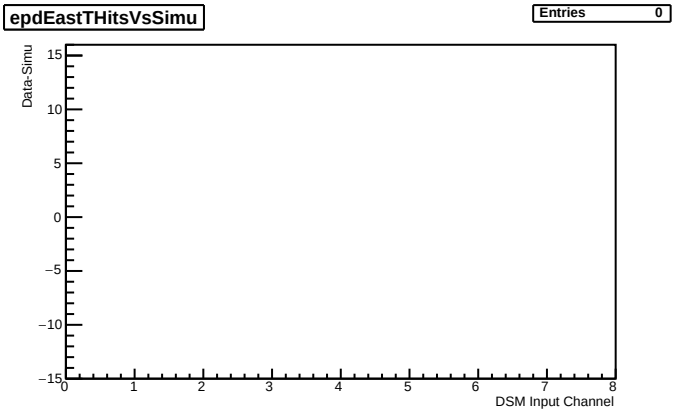
Truncated NHits
DSMInput Channel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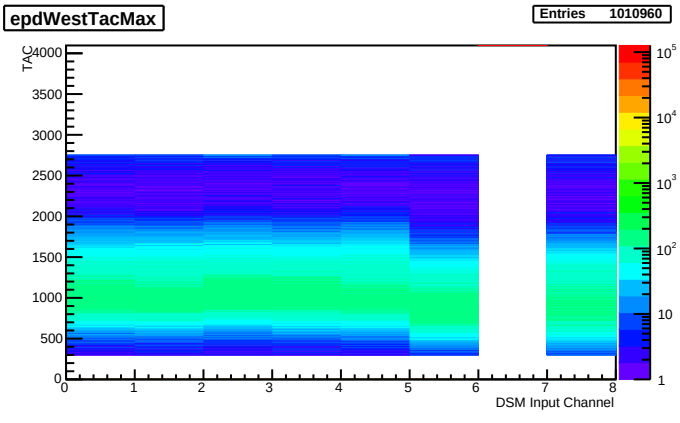
DSM Input Channel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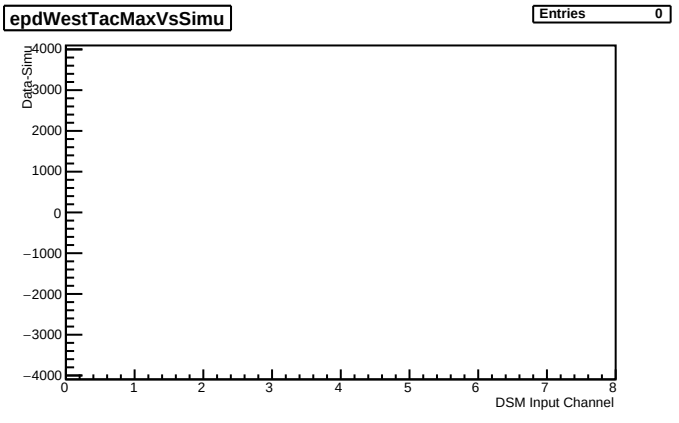
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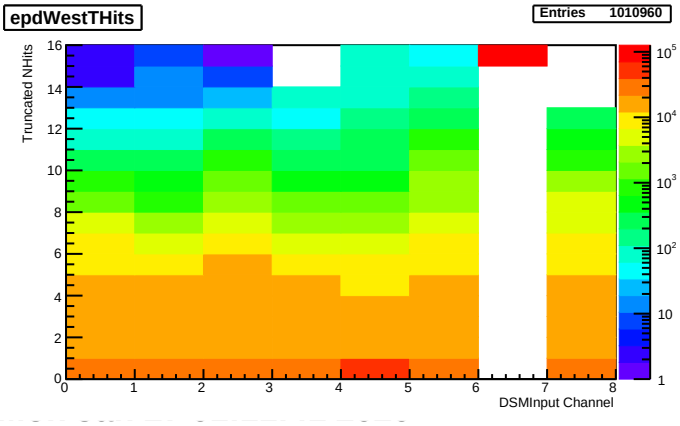
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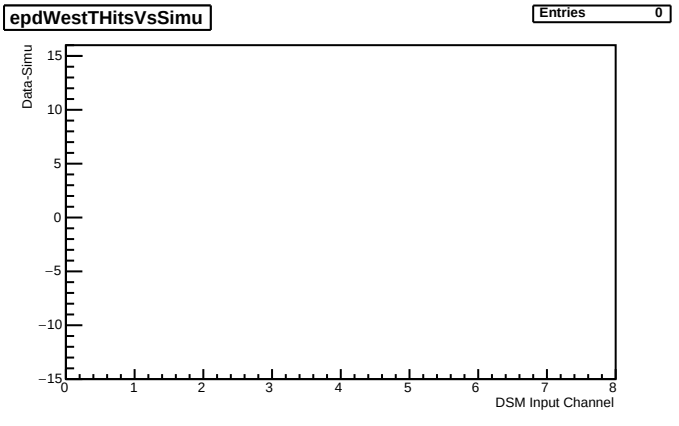
Entries 1010960
Truncated NHits
DSMInput Channel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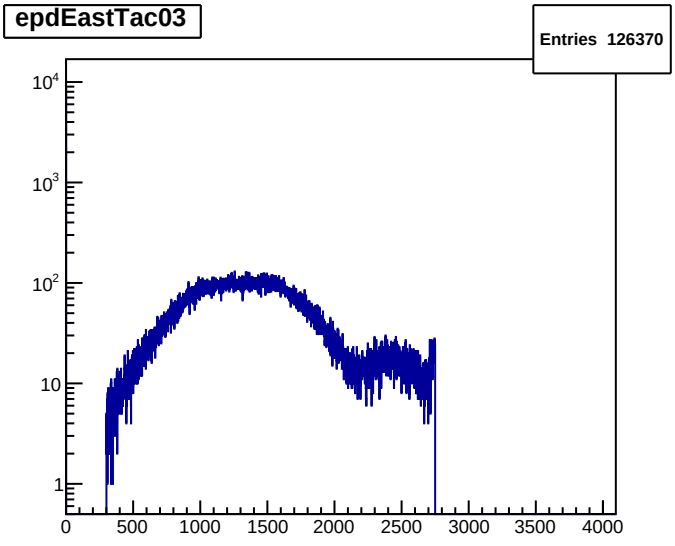
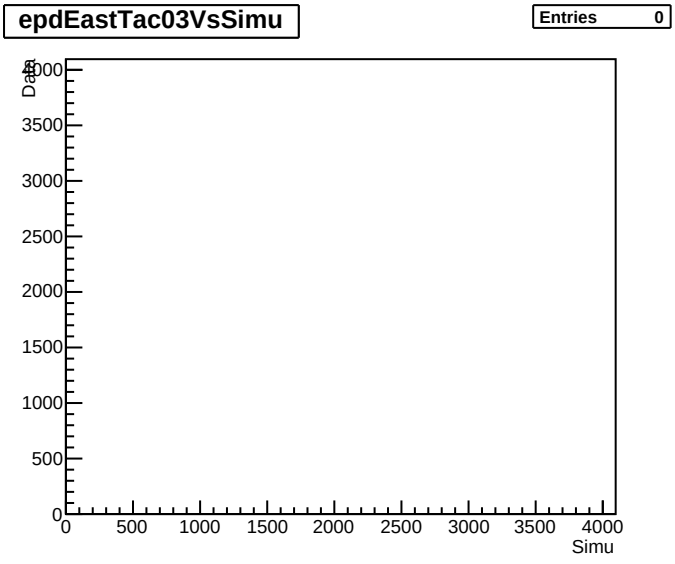
Data-Simu
DSM Input Channel


epdEastTac03
Entries 126370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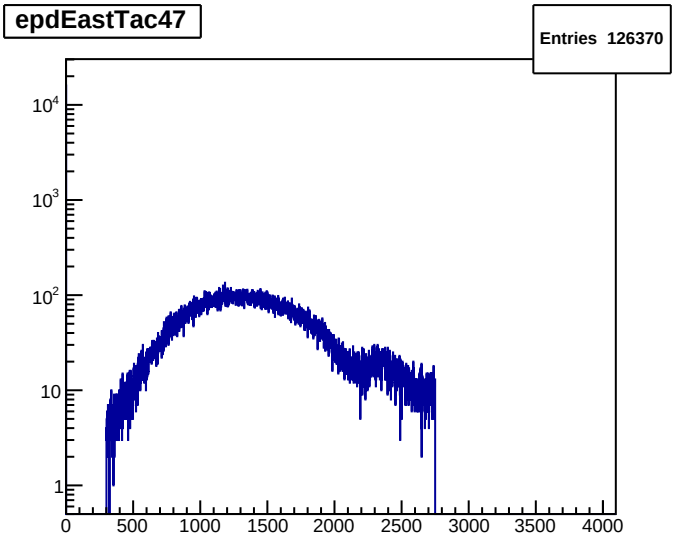
Entries 0
Data
Simu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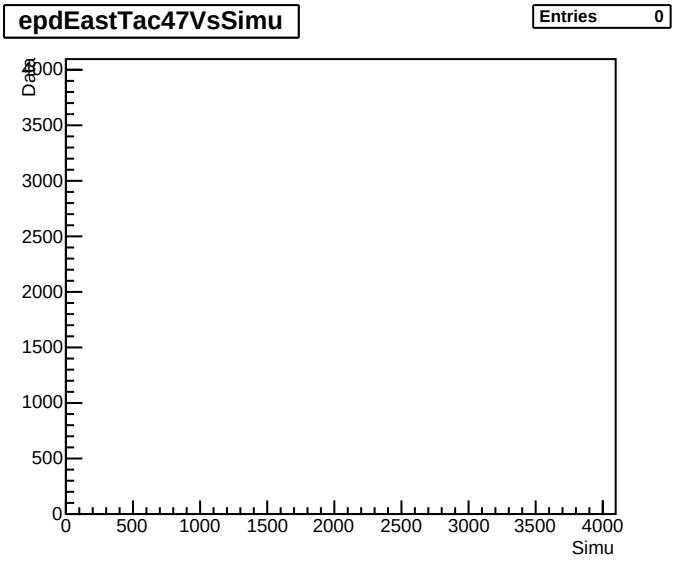
Entries 126370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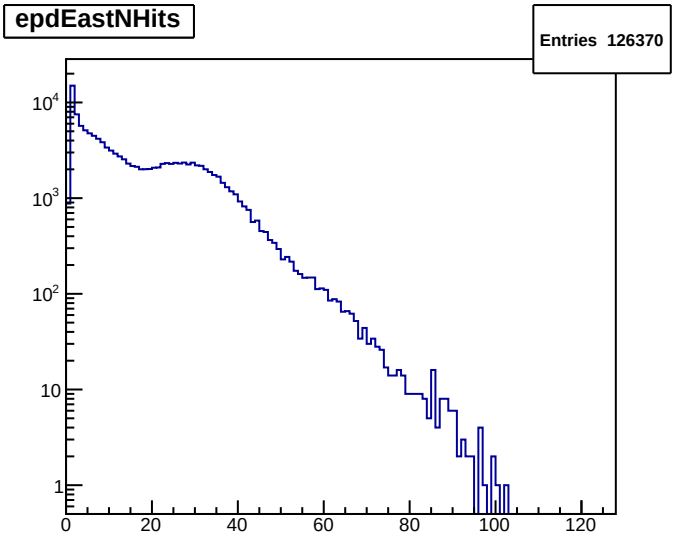
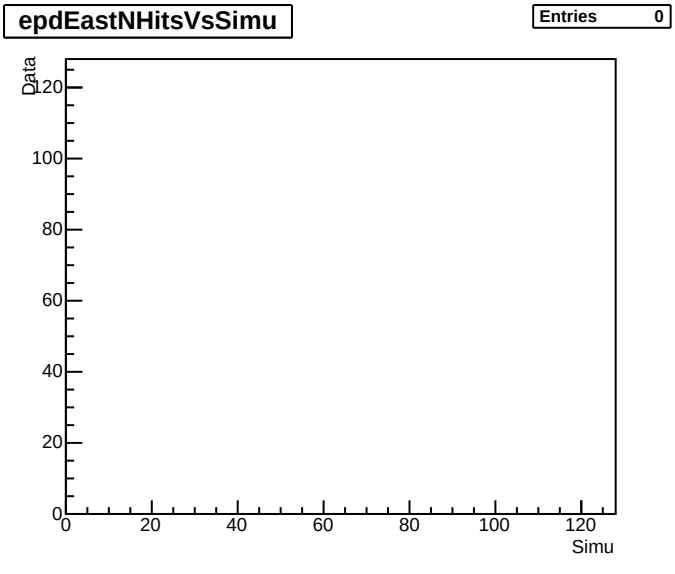
Entries 0
Data
Simu


epdEastNHits
Entries 126370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Data
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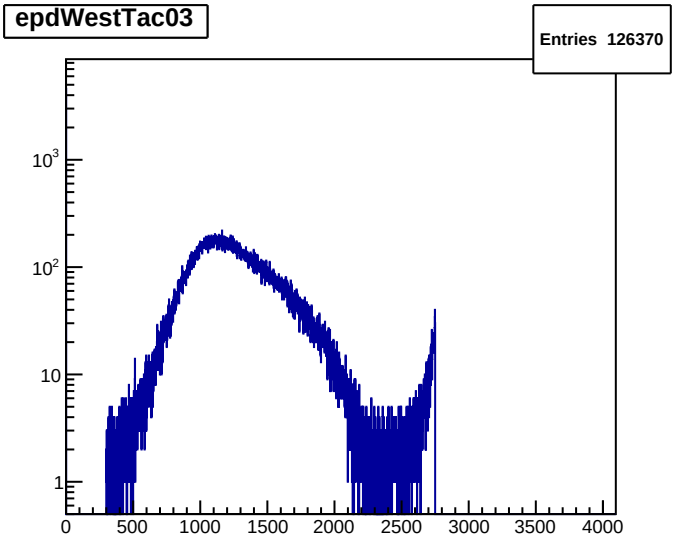
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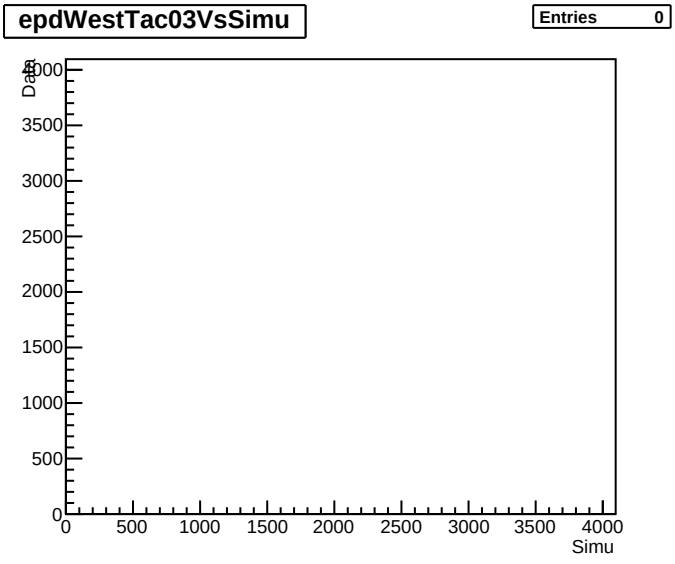
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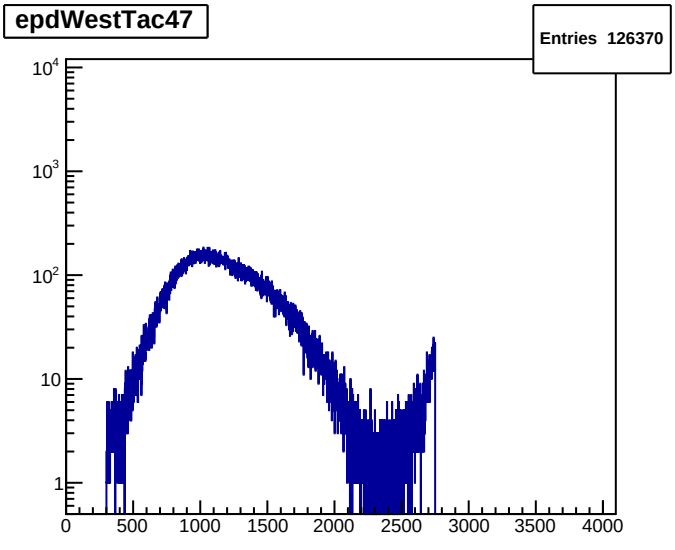
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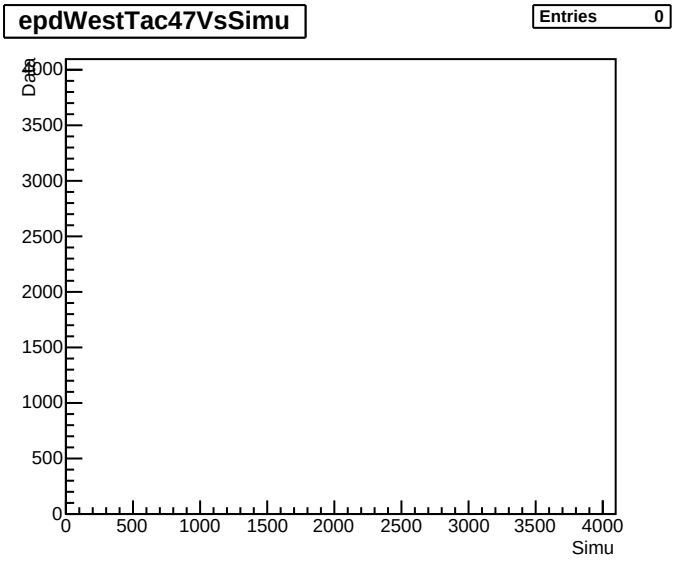
Entries 126370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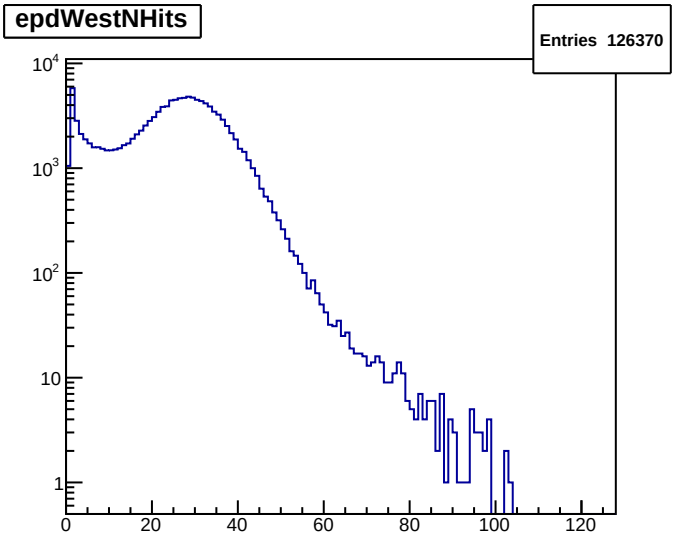
Simu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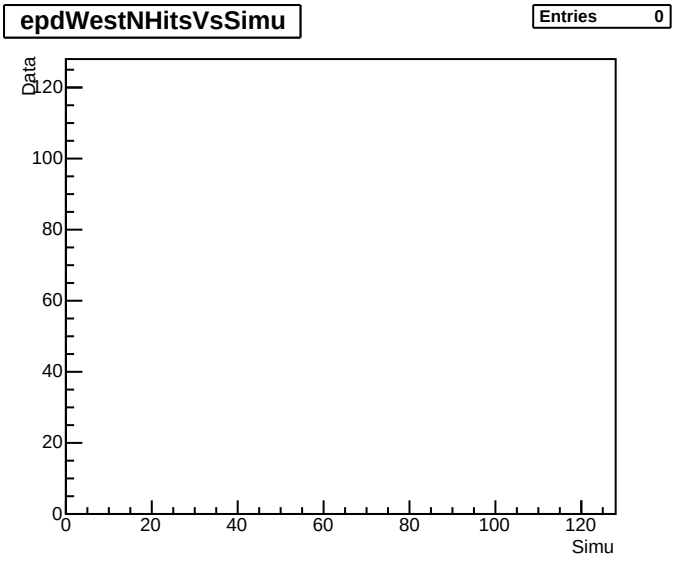
Entries 126370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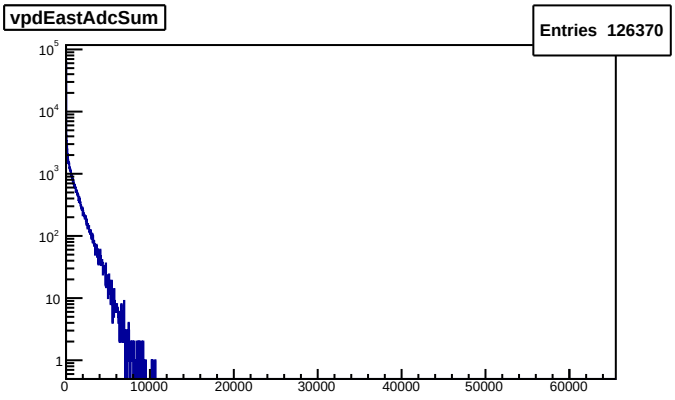
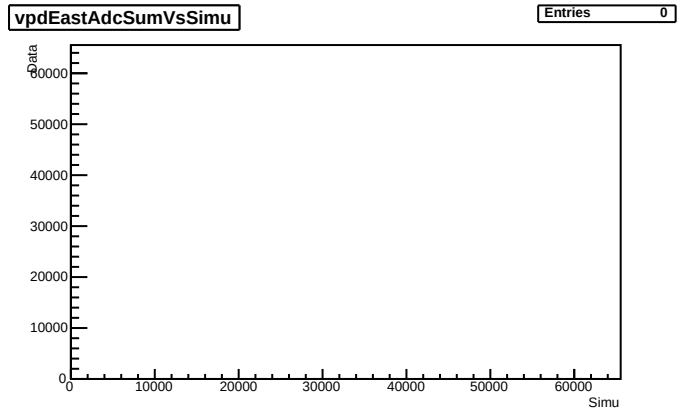
Entries 0
Data
Simu


vpdEastAdcSum
Entries 126370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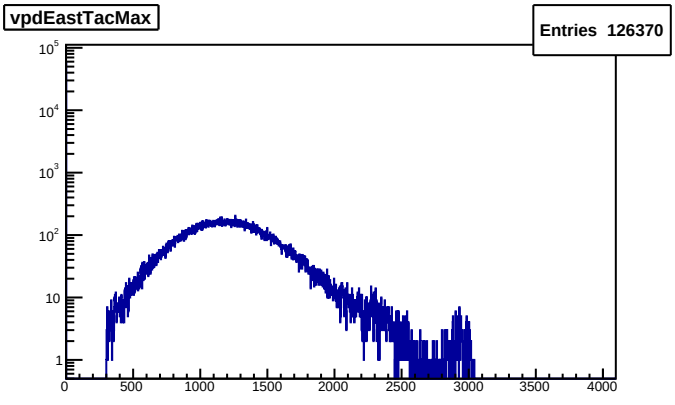
Entries 0
Data
Simu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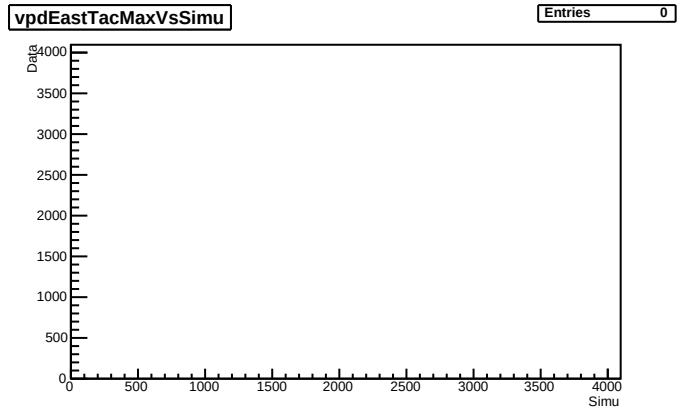
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Entries 0
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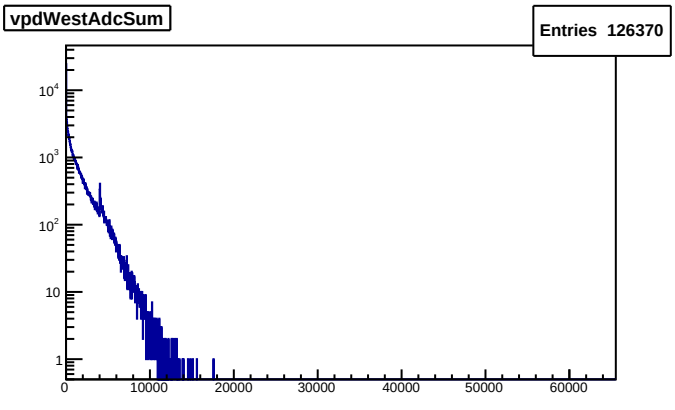
vpdWestAdcSum
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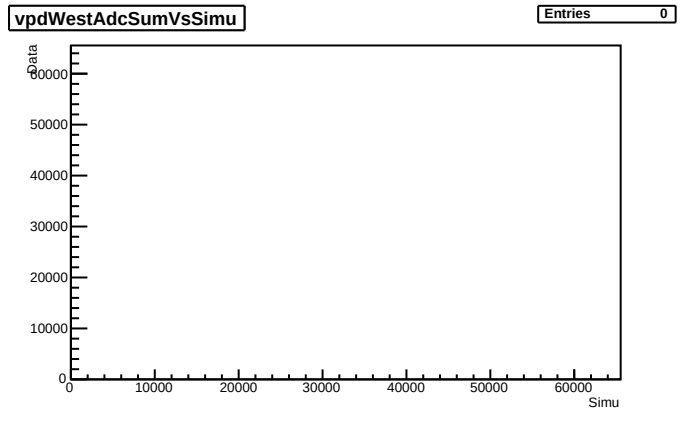
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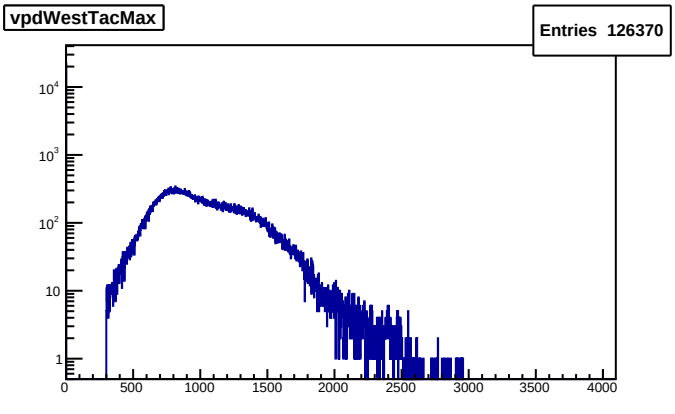
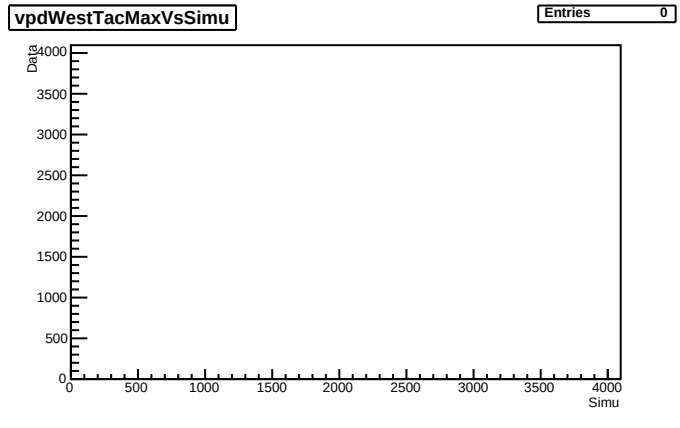
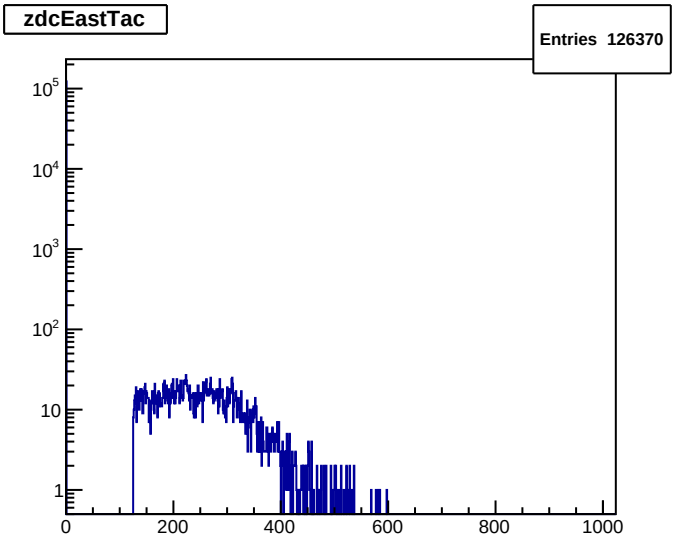
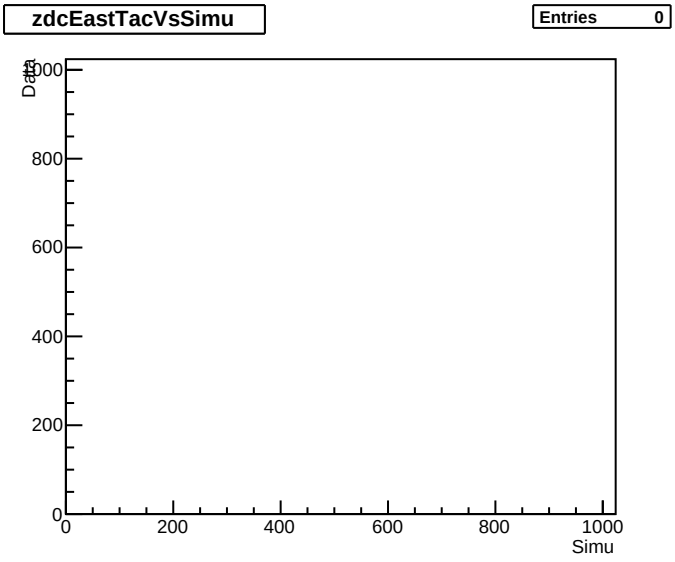
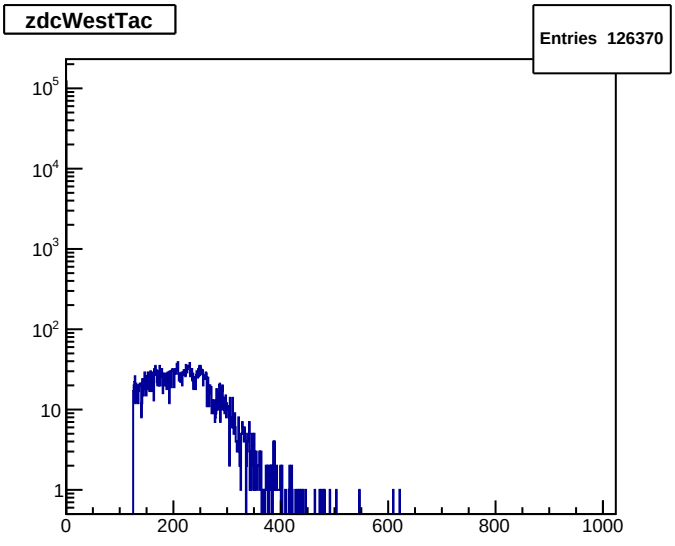
Entries 0
Data
Simu

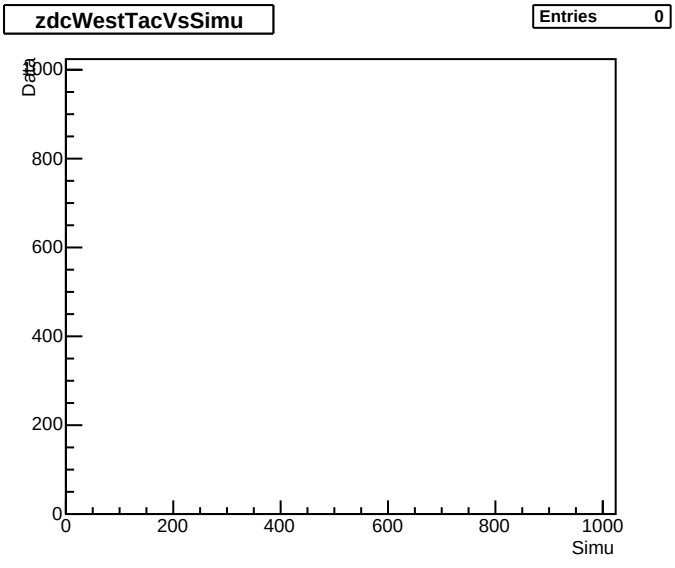

vpdWestTacMax
Entries 126370

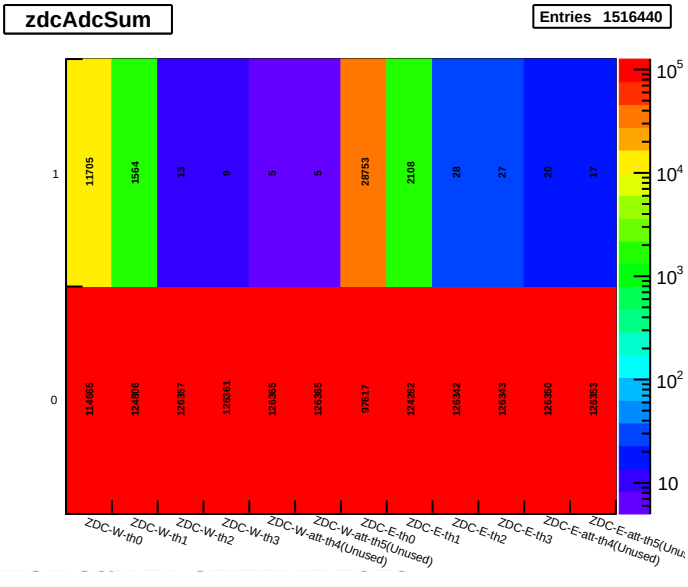

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 126370
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 126370
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 1516440
1
0
11705
1564
13
9
5
5
28753
2108
28
27
20
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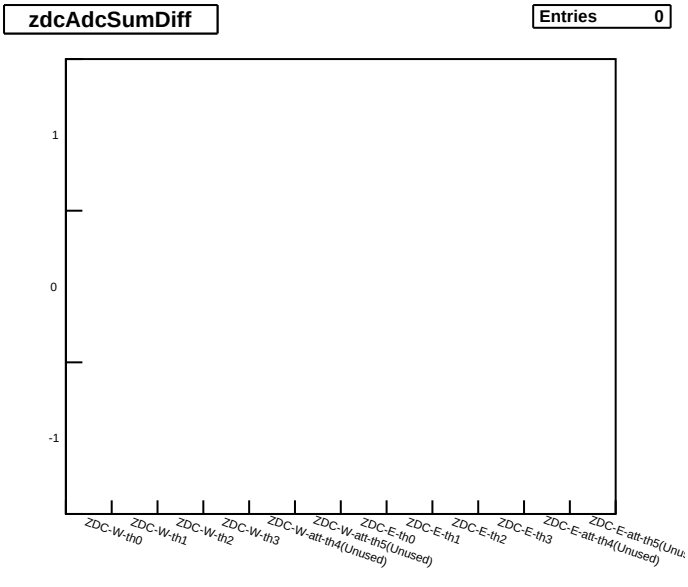
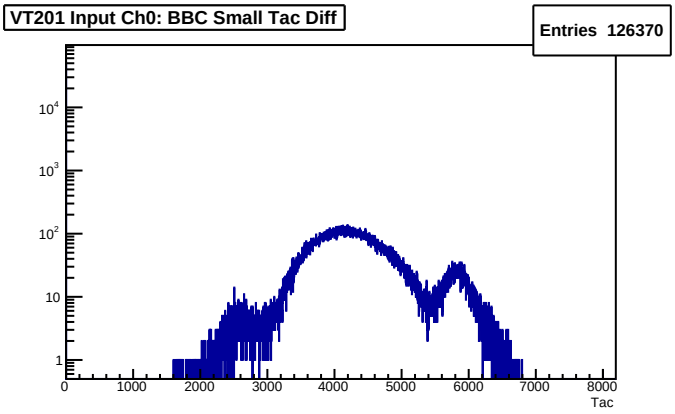
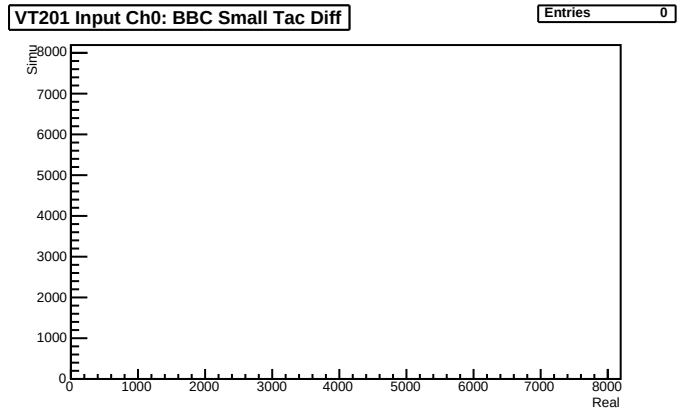
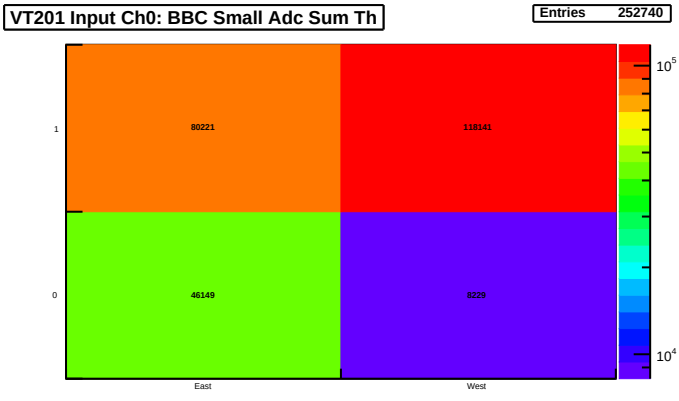
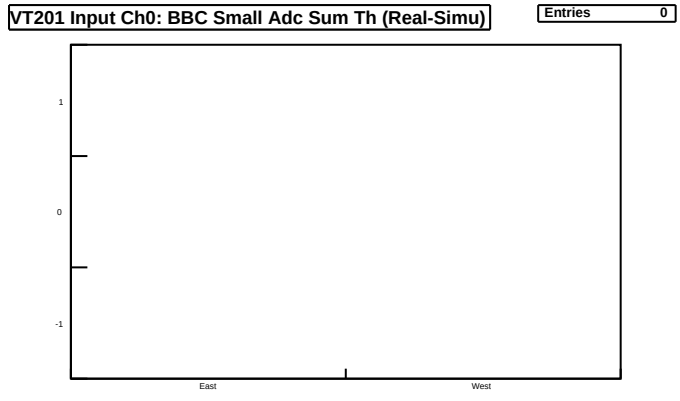
114685
124806
126357
126361
126365
126365
97617
124262
126342
126343
126350
126353
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

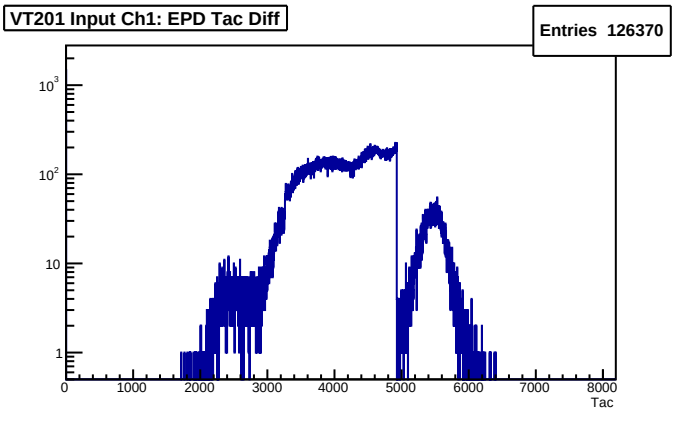

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

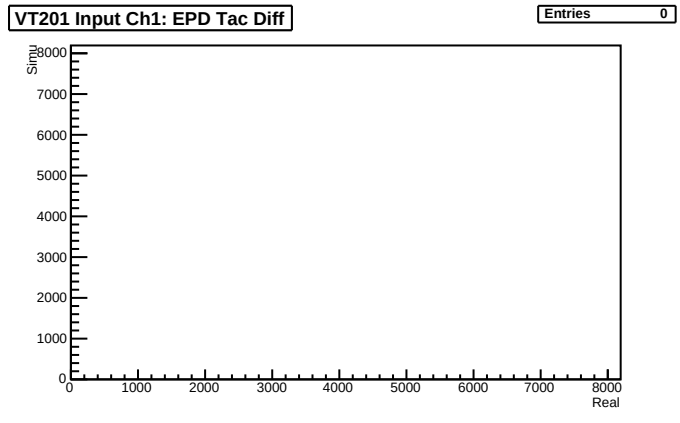

VT201 Input Ch0: BBC Small Tac Diff
Entries 126370
Tac

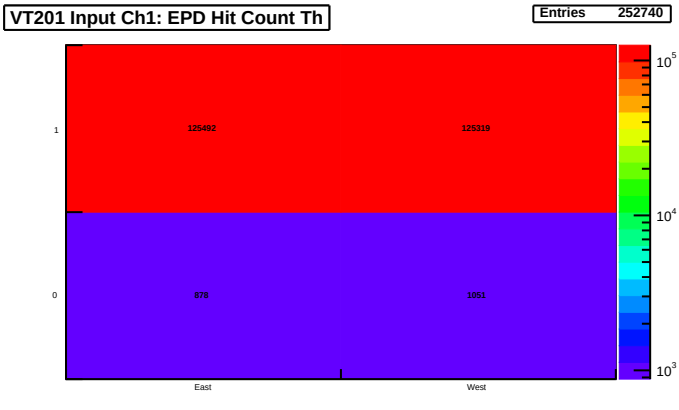

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

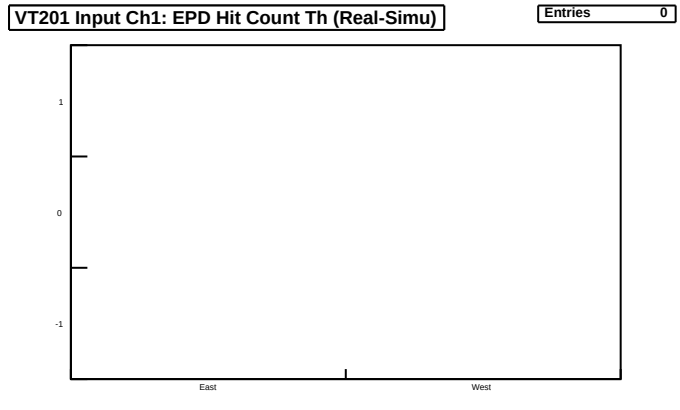

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 252740
80221
118141
46149
8229
East
West

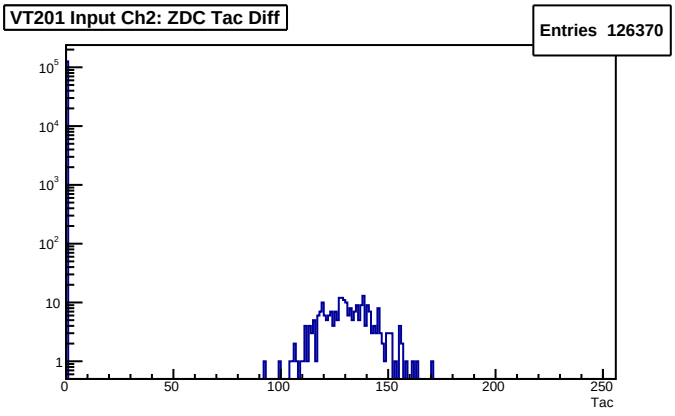

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

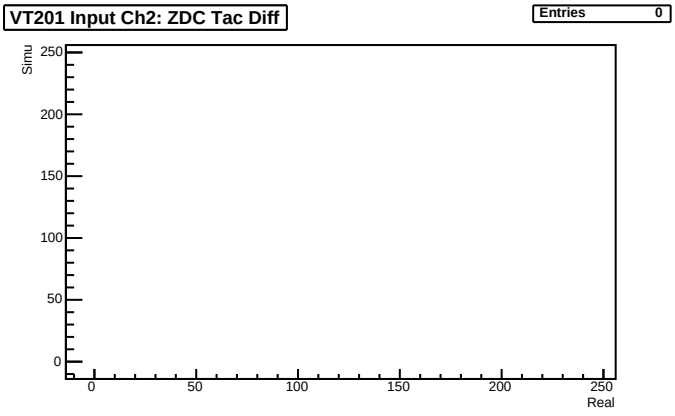

VT201 Input Ch1: EPD Tac Diff
Entries 126370
Tac

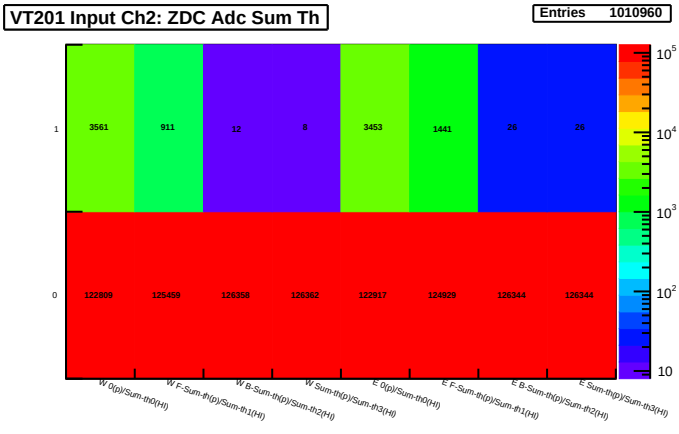

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

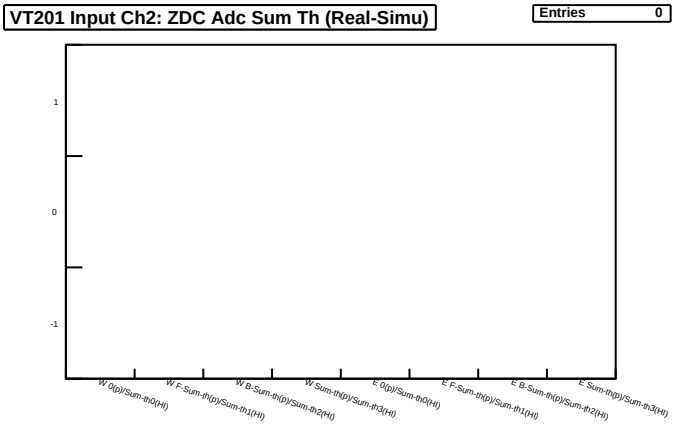

VT201 Input Ch1: EPD Hit Count Th
Entries 252740
125492
125319
878
1051
East
West

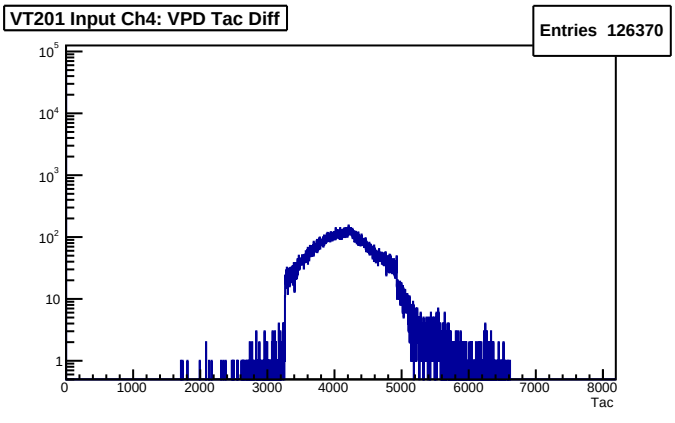

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

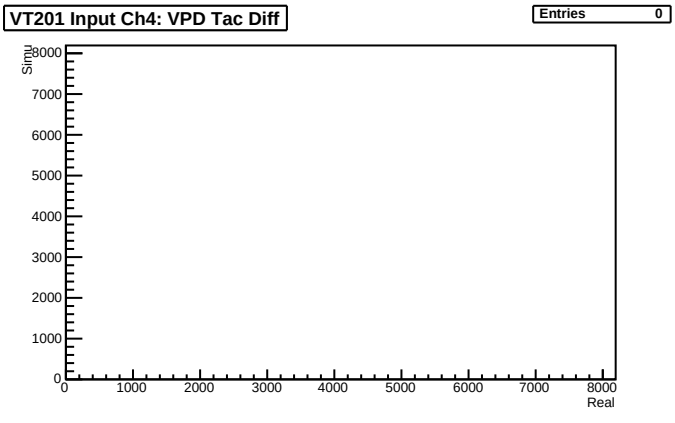

VT201 Input Ch2: ZDC Tac Diff
Entries 126370
Tac

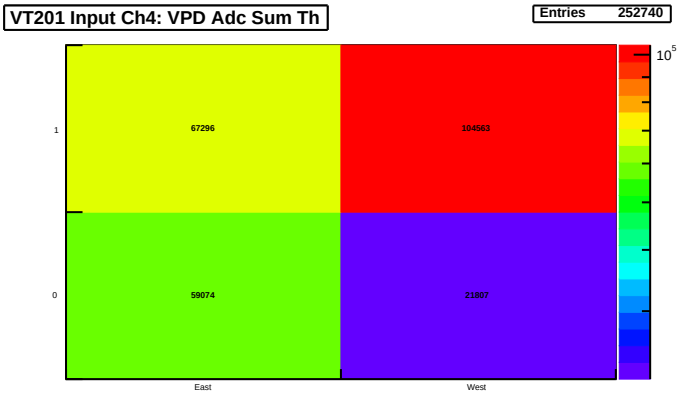

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

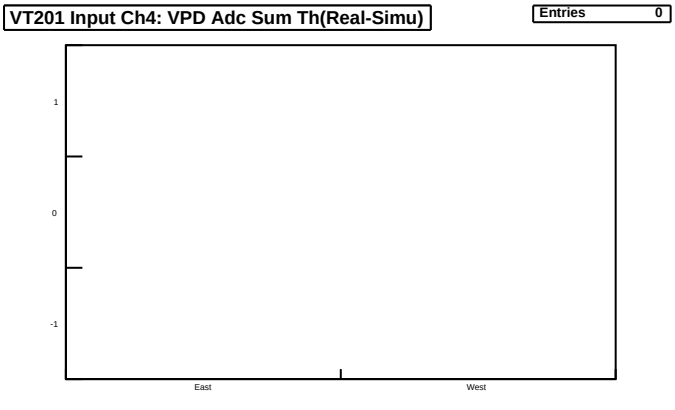

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1010960
3561
911
12
8
3453
1441
26
26
122809
125459
126358
126362
122917
124929
126344
126344
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

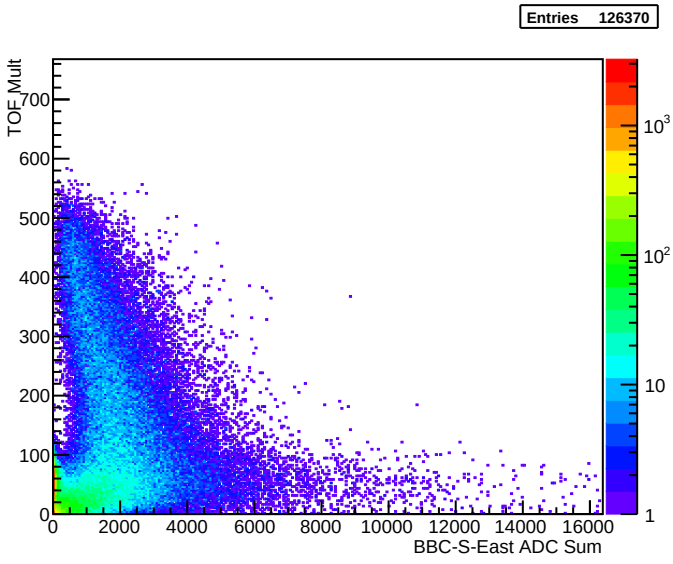

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

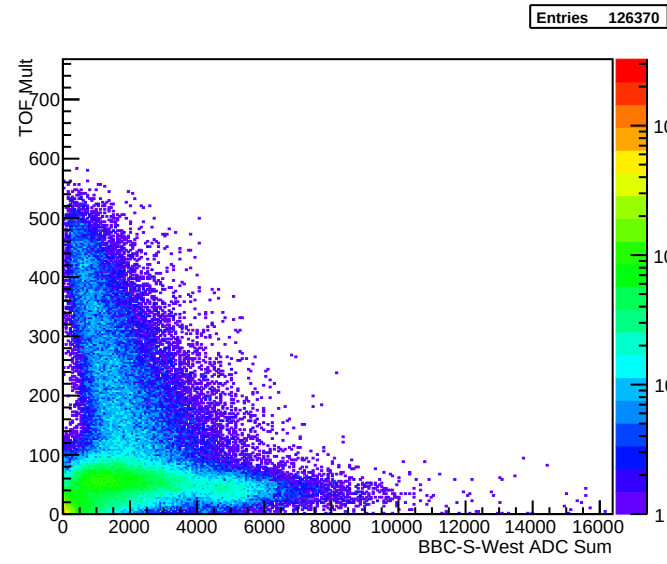

VT201 Input Ch4: VPD Tac Diff
Entries 126370
Tac

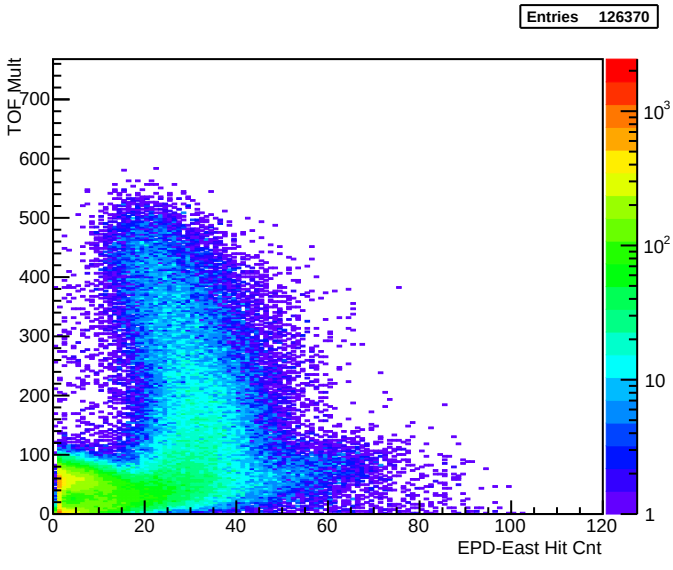

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

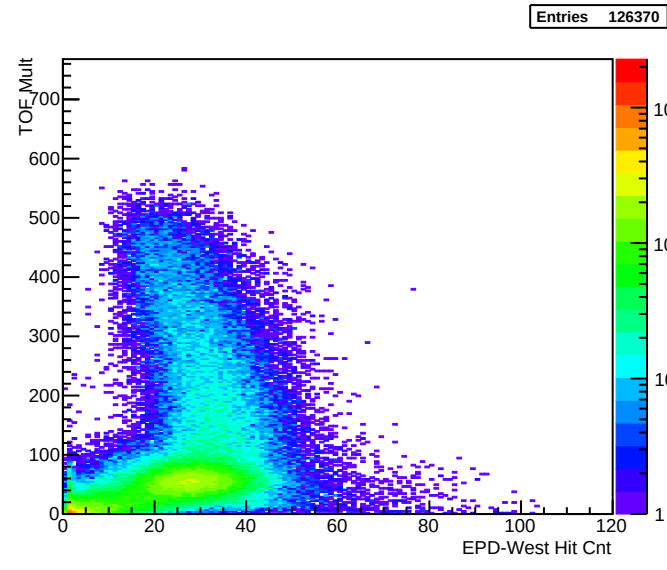

VT201 Input Ch4: VPD Adc Sum Th
Entries 252740
67296
104563
59074
21807
East
West

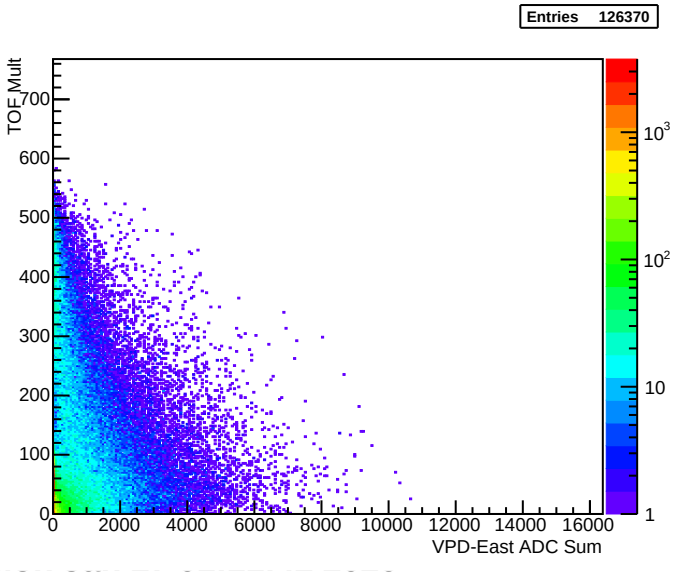

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

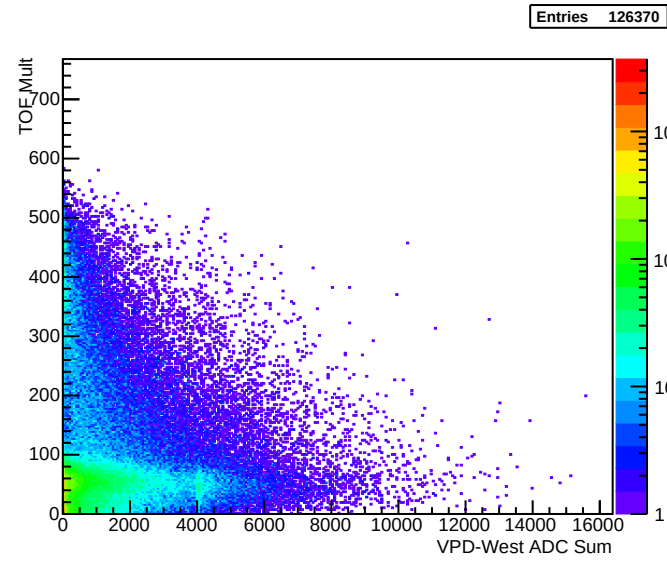

Entries 126370
TOF_Mult
BBC-S-East ADC Sum

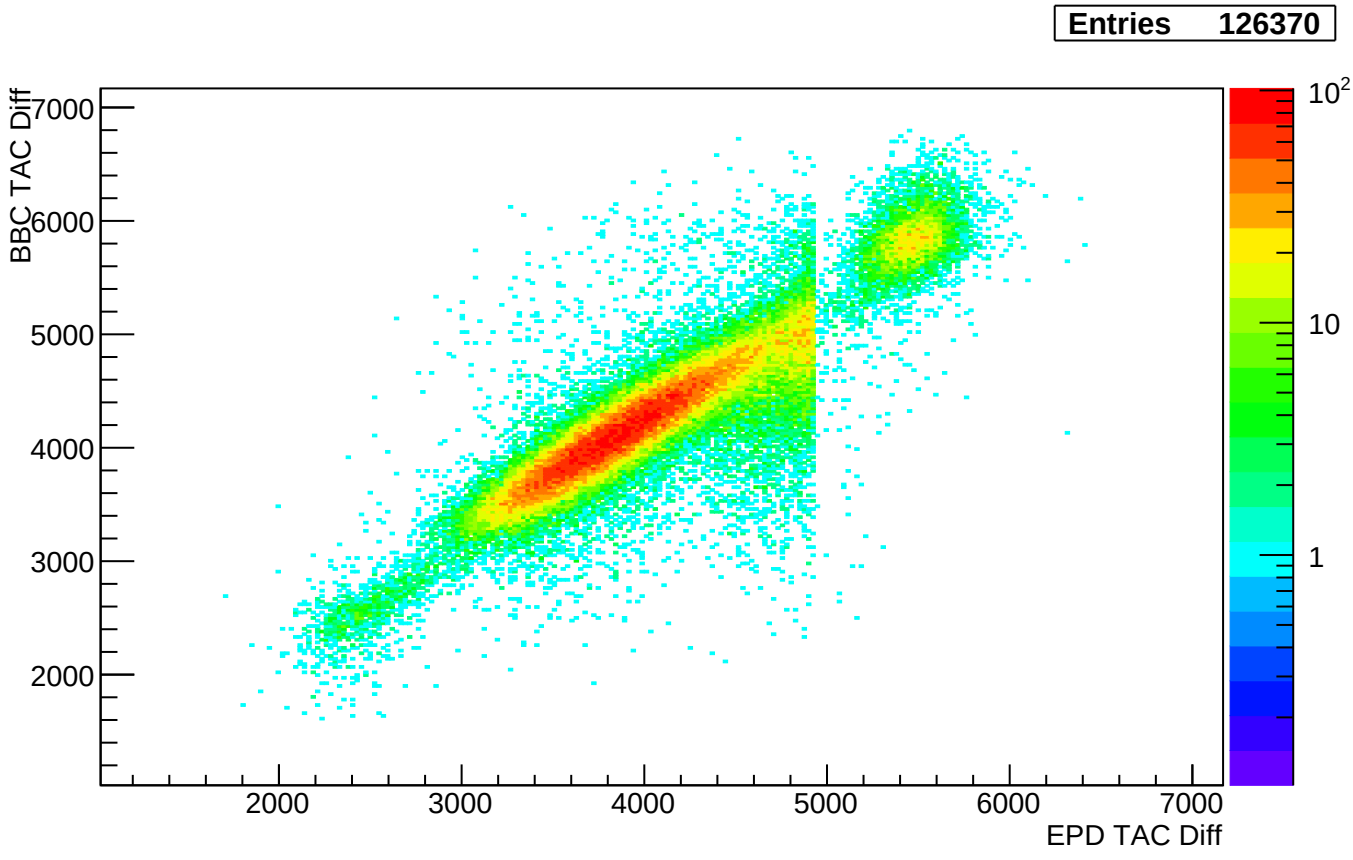

Entries 126370
TOF_Mult
BBC-S-West ADC Sum

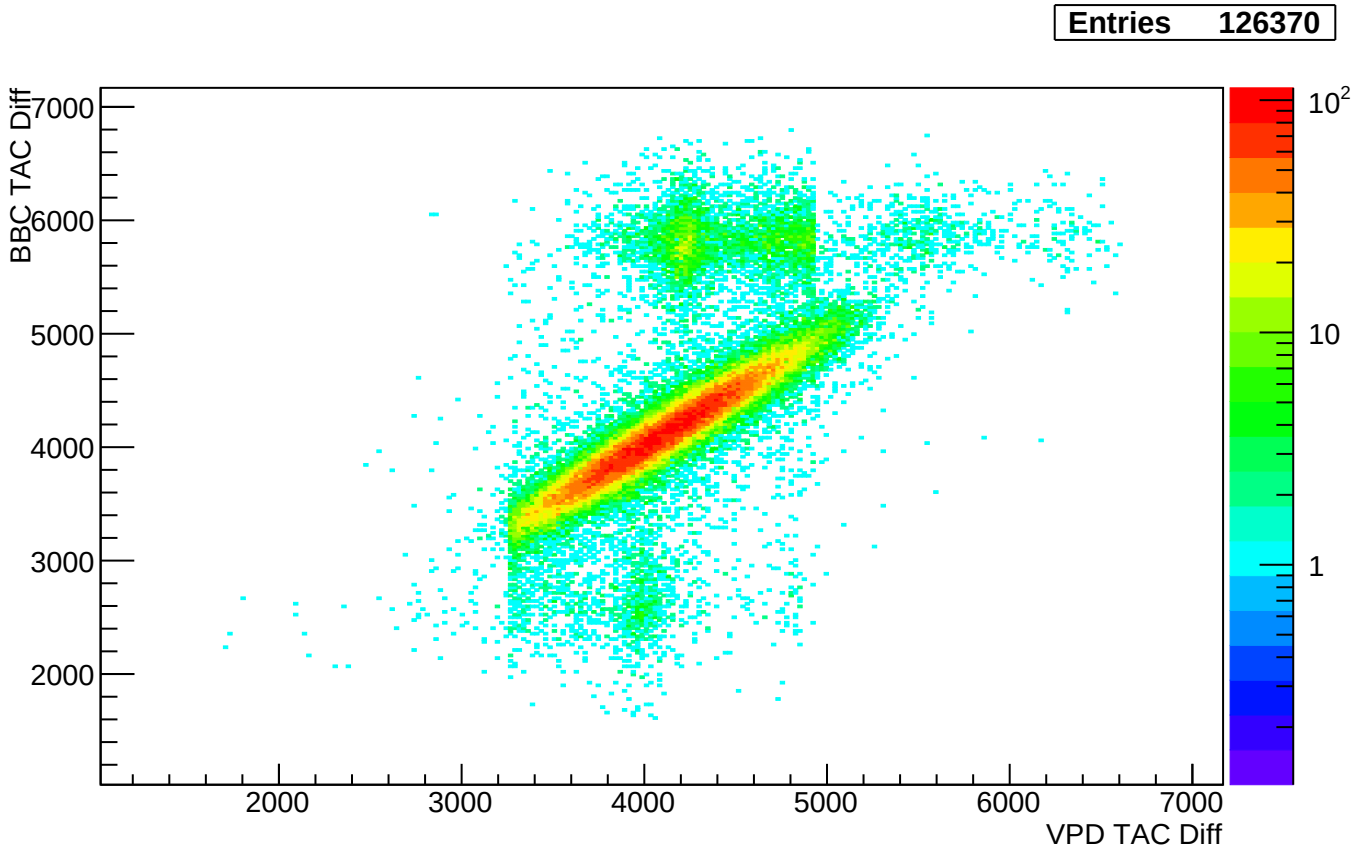

Entries 126370
TOF_Mult
EPD-East Hit Cnt

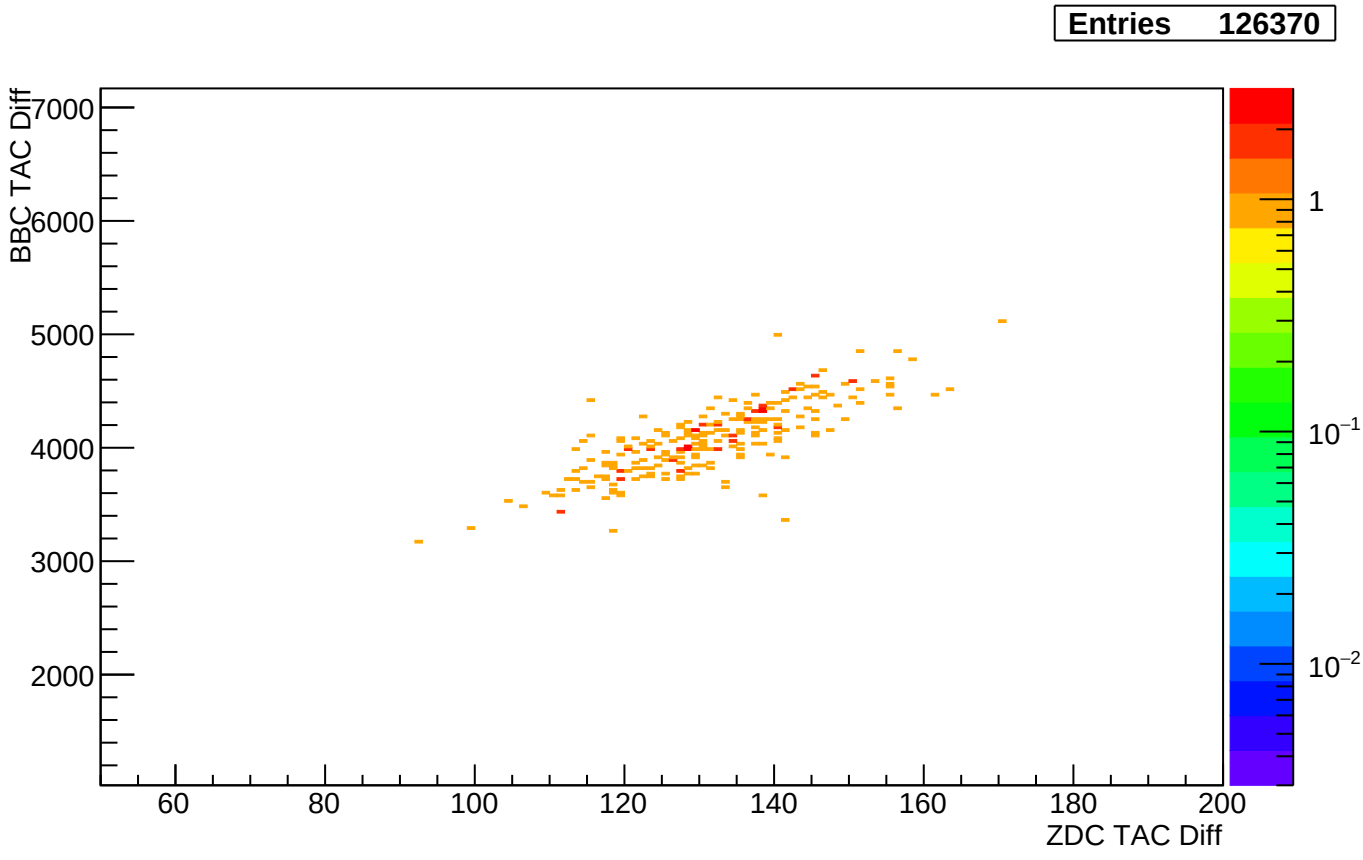

Entries 126370
TOF_Mult
EPD-West Hit Cnt

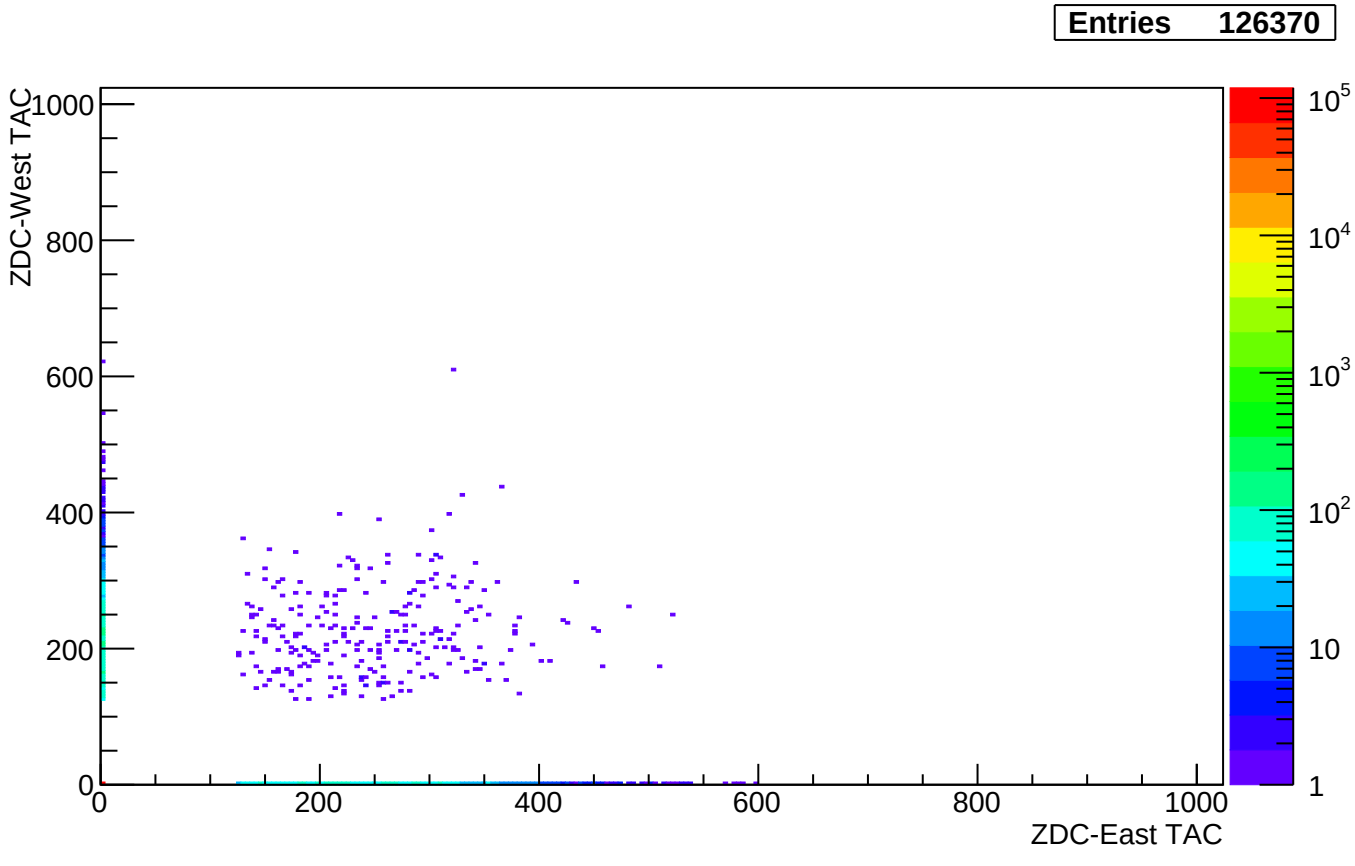

Entries 126370
TOF_Mult
VPD-East ADC Sum

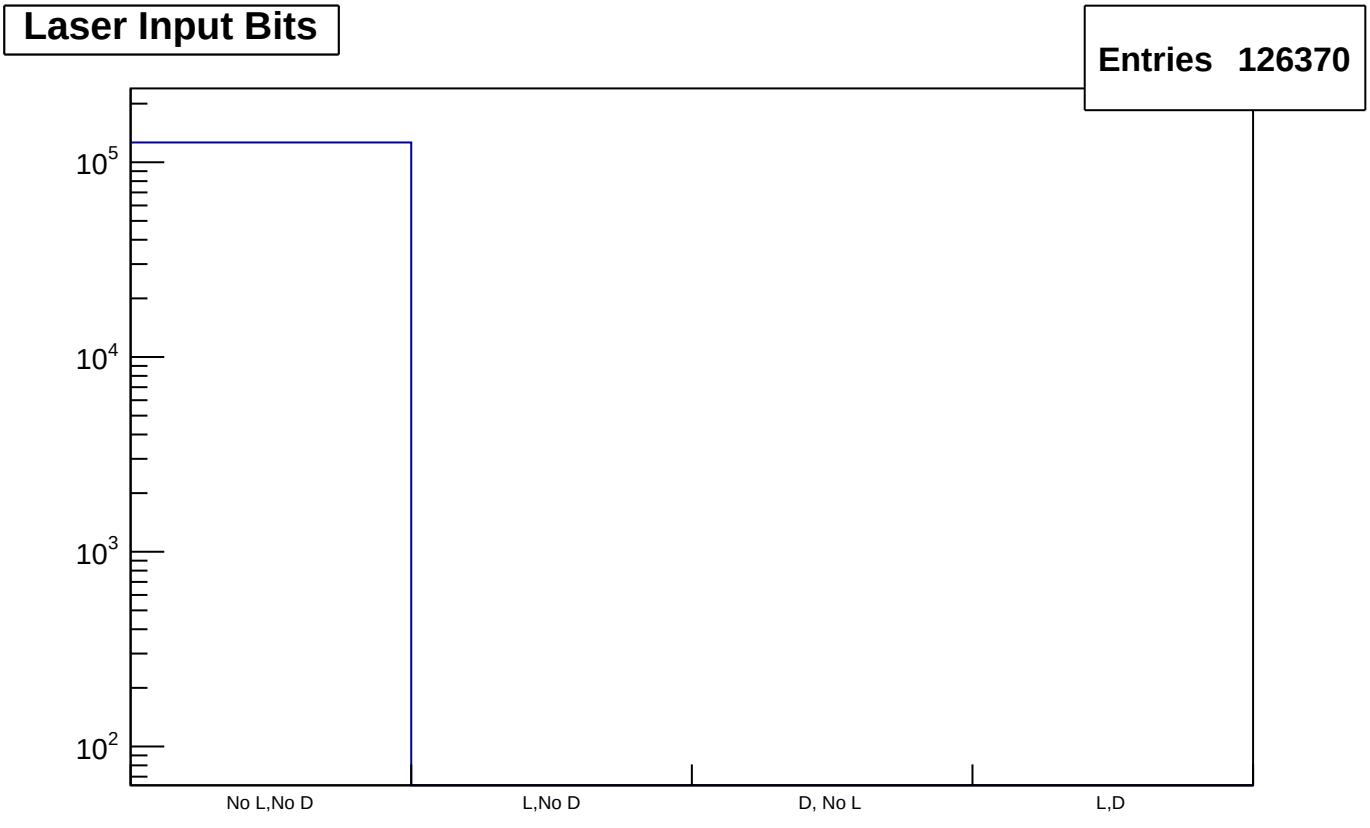

Entries 126370
TOF_Mult
VPD-West ADC Sum

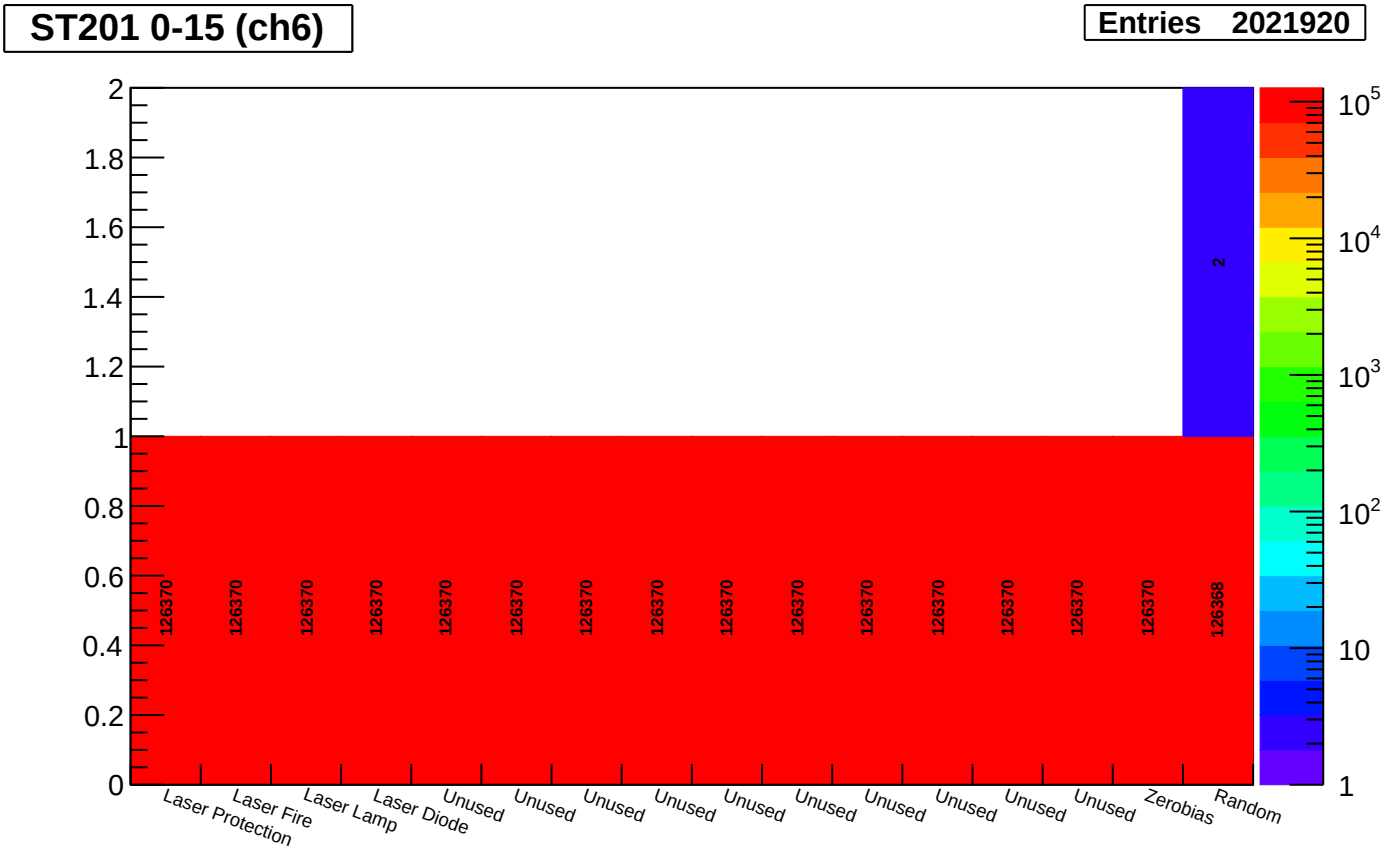

Entries 126370
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

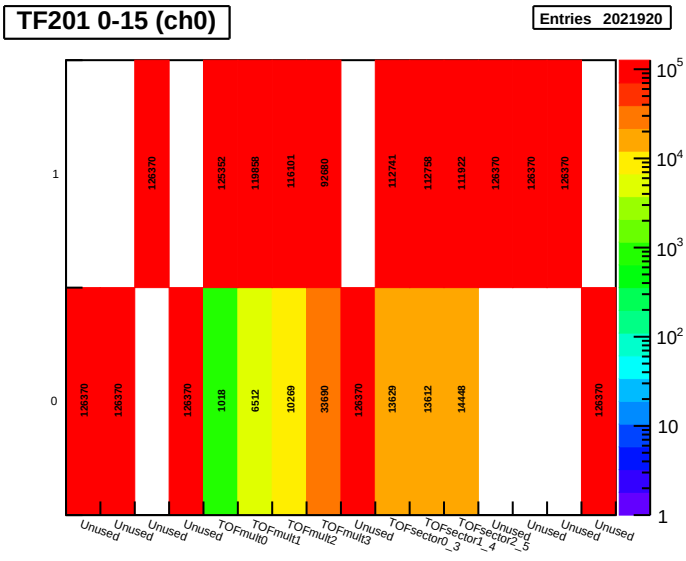

Entries 126370
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

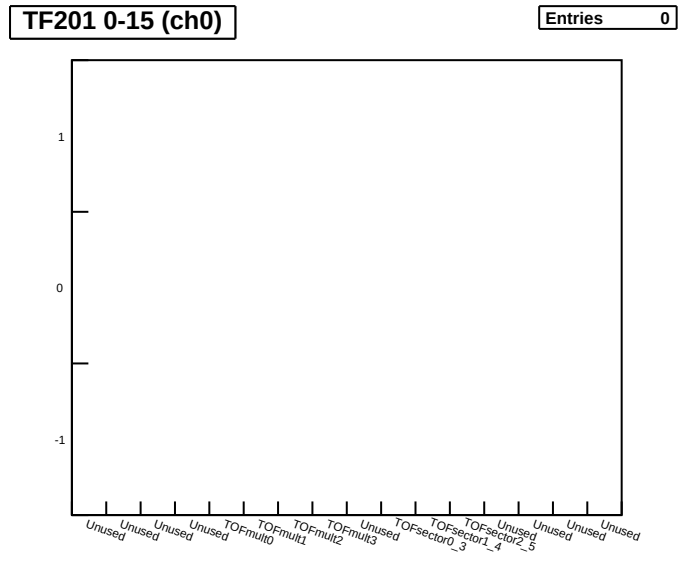

Entries 126370
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

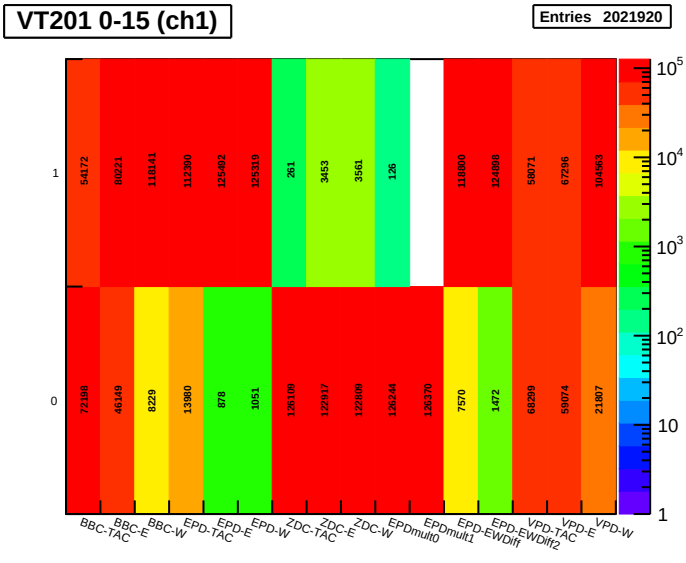

Entries 126370
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

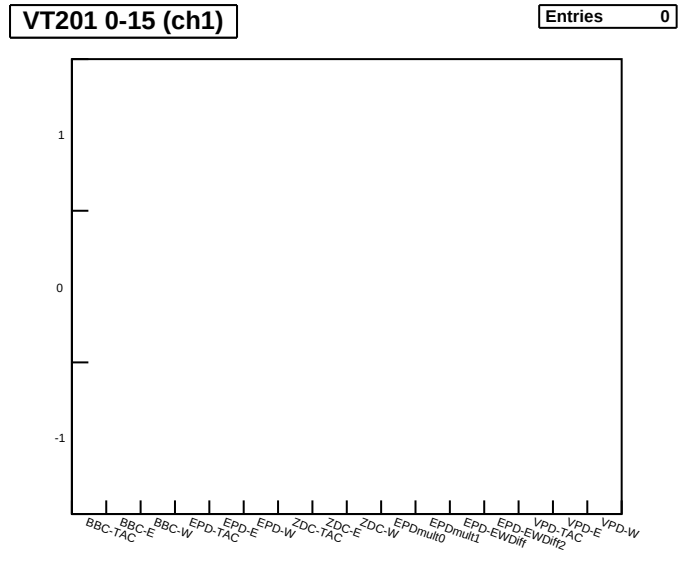

Laser Input Bits
Entries 126370
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

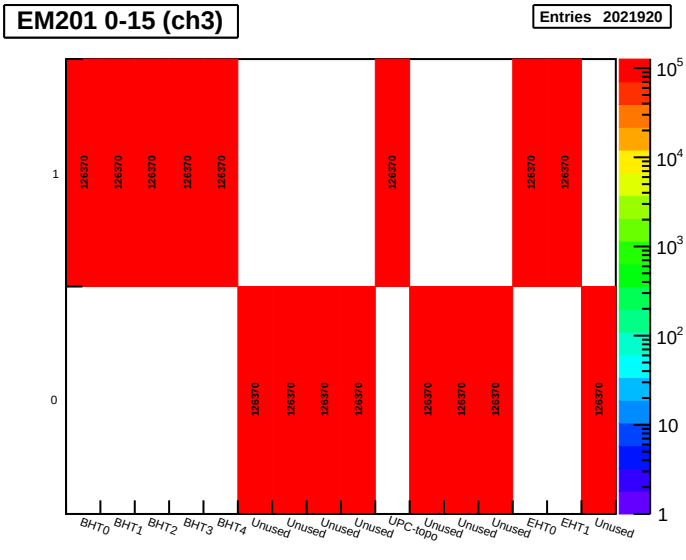

ST201 0-15 (ch6)
Entries 2021920
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
126370
126368
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

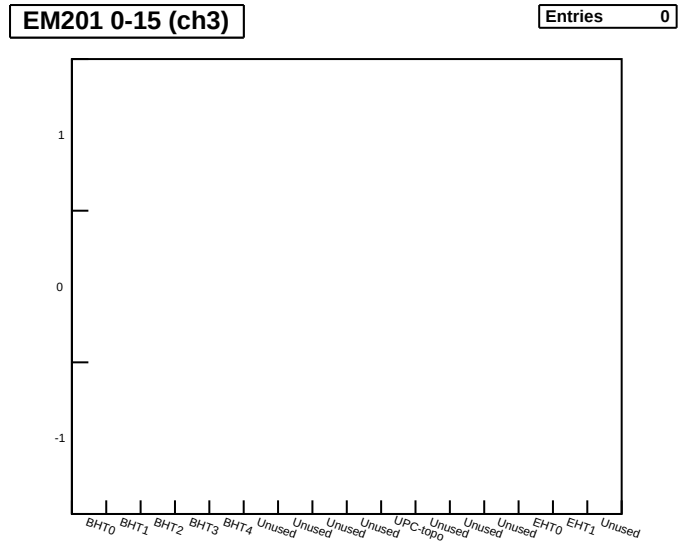

TF201 0-15 (ch0)
Entries 2021920
1
0
126370
125352
119858
116101
92680
112741
112758
111922
126370
126370
126370
126370
126370
1018
6512
10269
33690
126370
13629
13612
14448
126370
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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 2021920
1
0
54172
80221
118141
112390
125492
125319
261
3453
3561
126
118800
124898
58071
67296
104563
72198
46149
8229
13980
878
1051
126109
122917
122809
126244
126370
7570
1472
68299
59074
21807
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 2021920
1
0
126370
126370
126370
126370
126370
126370
126370
126370
126370
126370
126370
126370
126370
126370
126370
126370
126370
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