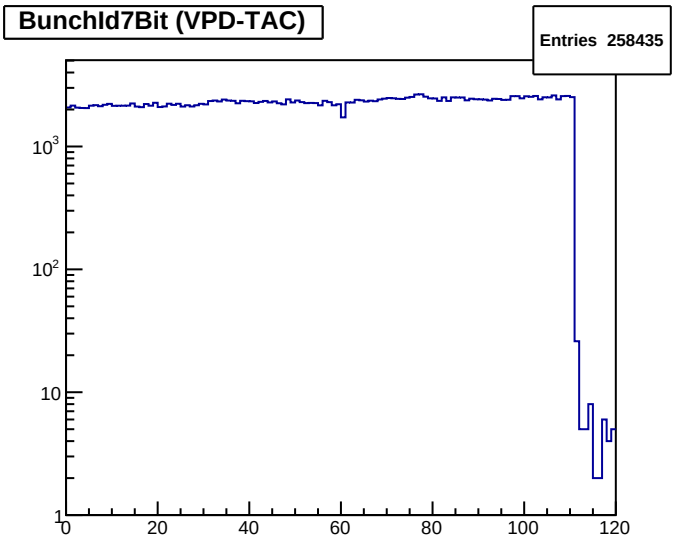
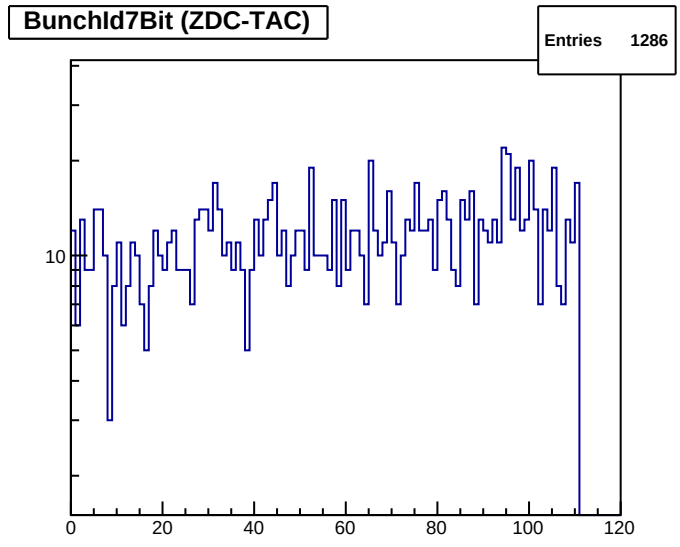
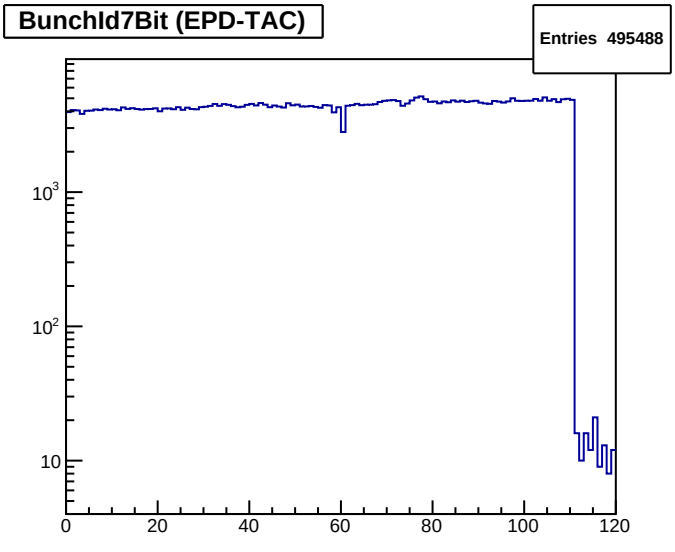
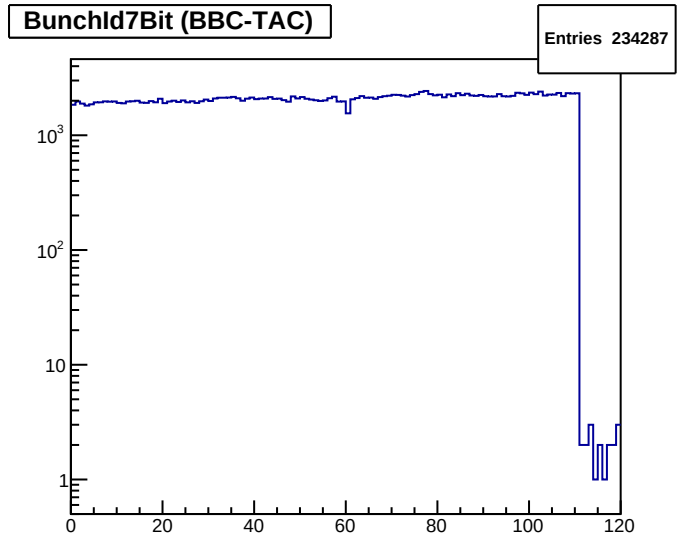
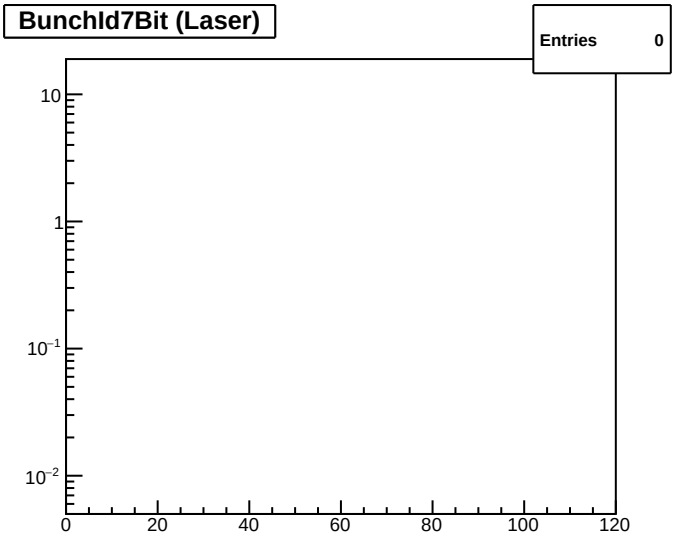
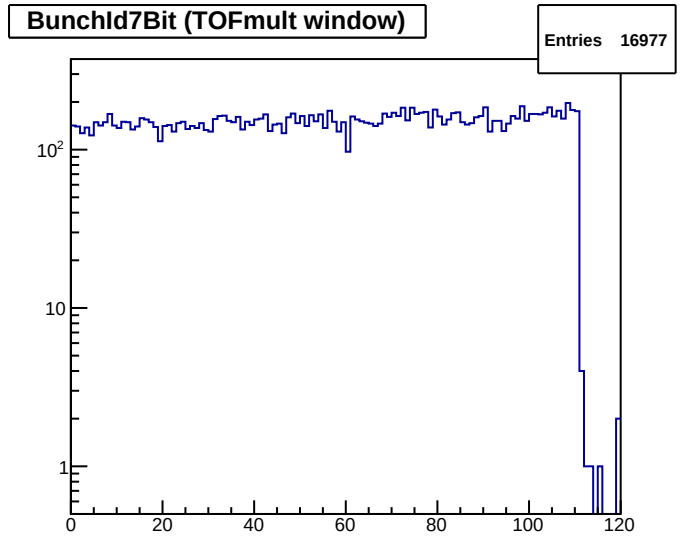

BunchId7Bit (VPD-TAC)
Entries 258435

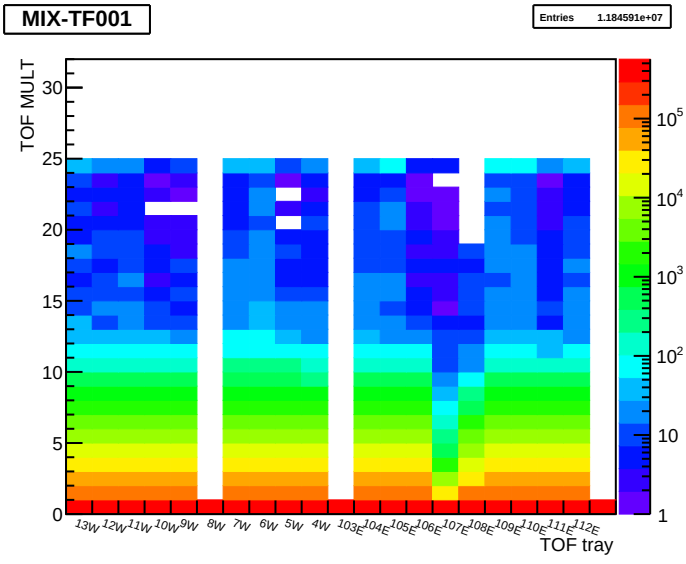

BunchId7Bit (ZDC-TAC)
Entries 1286

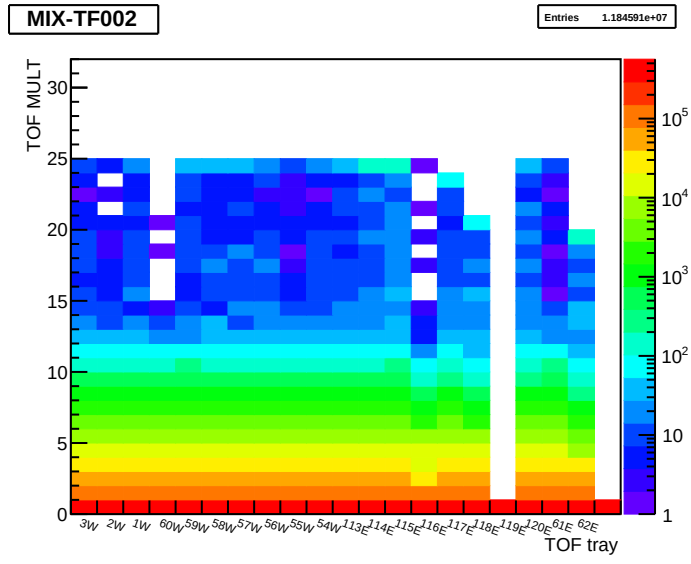

BunchId7Bit (EPD-TAC)
Entries 495488

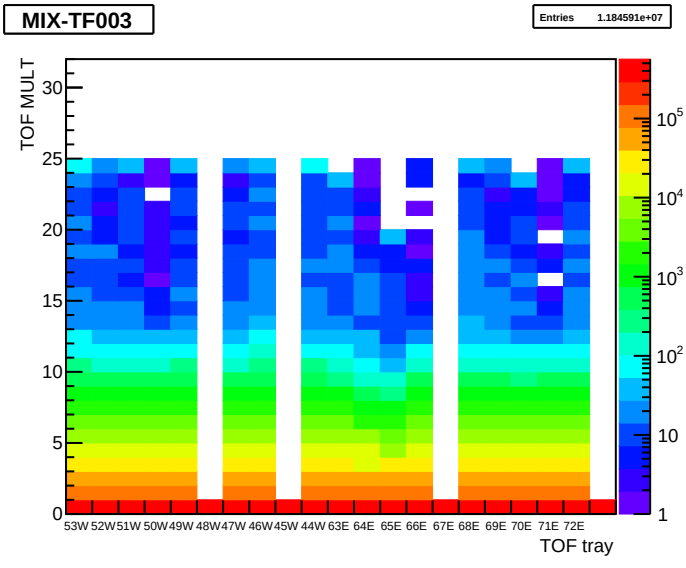

BunchId7Bit (BBC-TAC)
Entries 234287

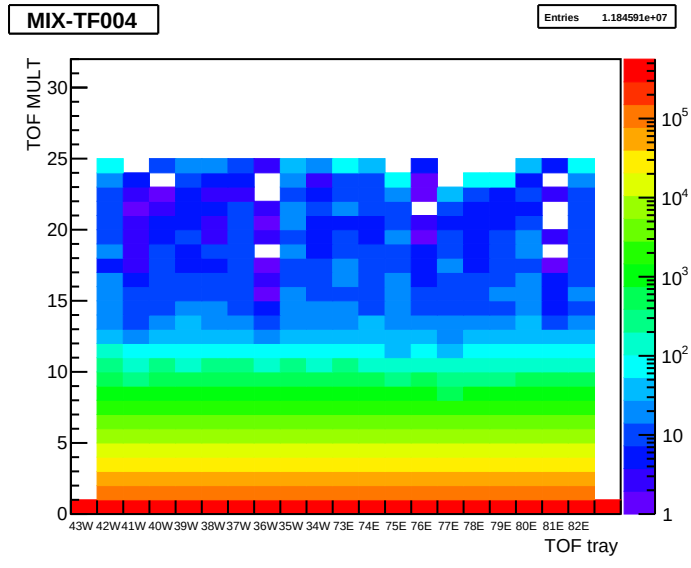

BunchId7Bit (Laser)
Entries 0

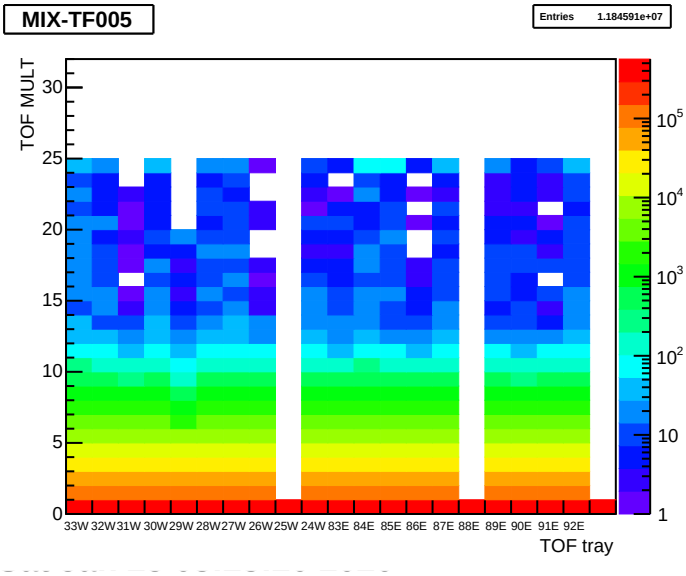

BunchId7Bit (TOFmult window)
Entries 16977

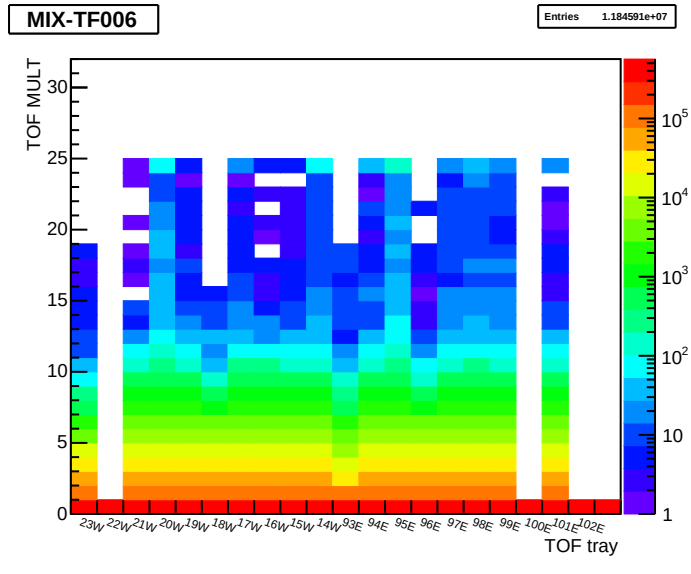

MIX-TF001
Entries 1.184591e+07
TOF MULT
TOF tray

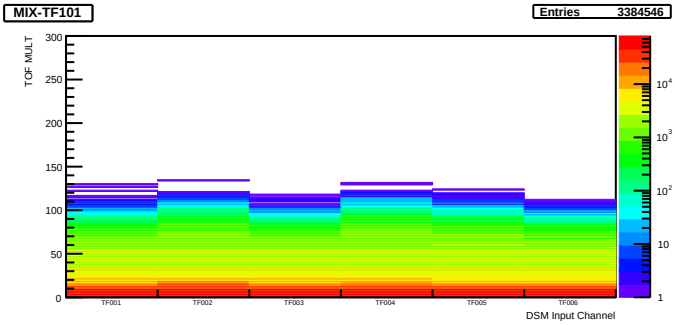

MIX-TF002
Entries 1.184591e+07
TOF MULT
TOF tray

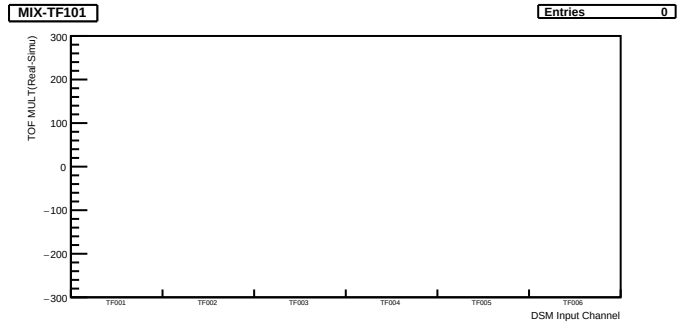

MIX-TF003
Entries 1.184591e+07
TOF MULT
TOF tray

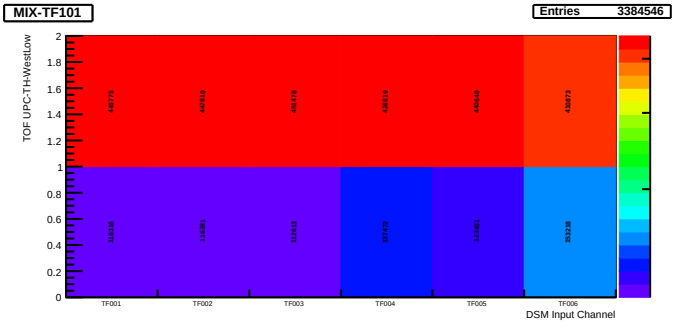

MIX-TF004
Entries 1.184591e+07
TOF MULT
TOF tray

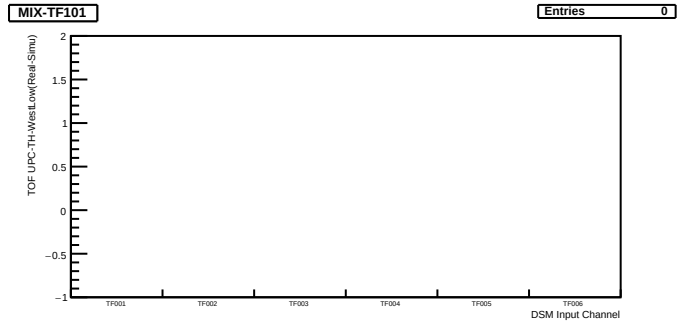

MIX-TF005
Entries 1.184591e+07
TOF MULT
TOF tray

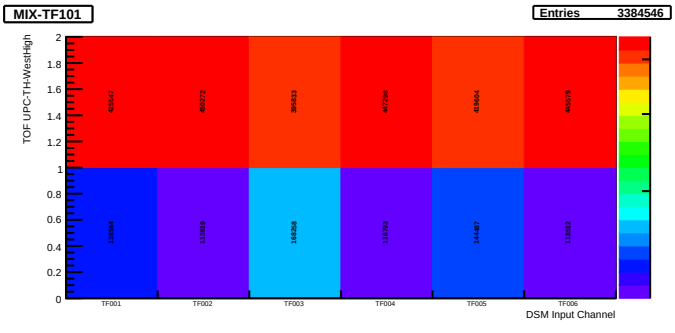

MIX-TF006
Entries 1.184591e+07
TOF MULT
TOF tray

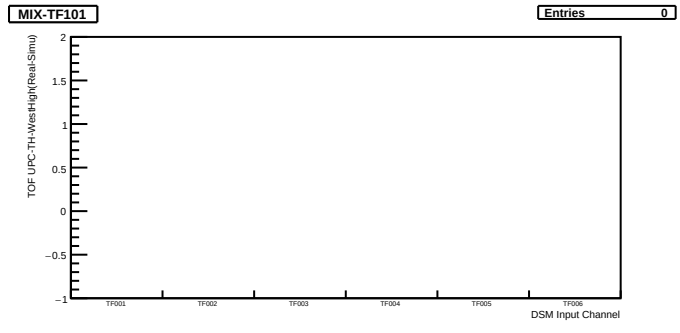

MIX-TF101
Entries 3384546
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

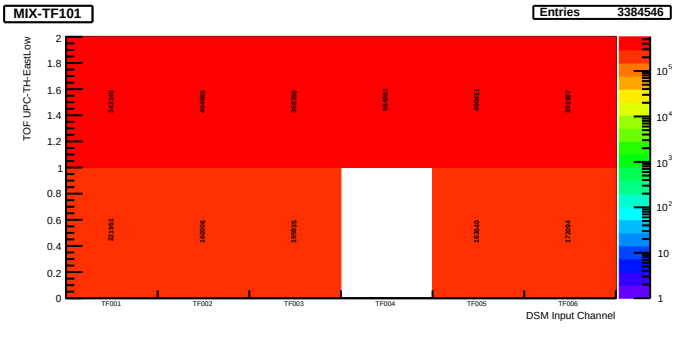

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

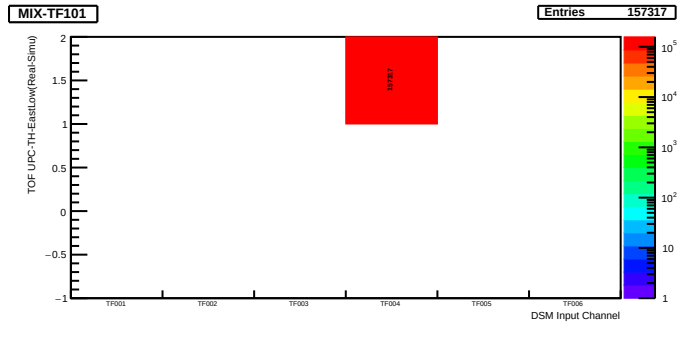

MIX-TF101
Entries 3384546
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

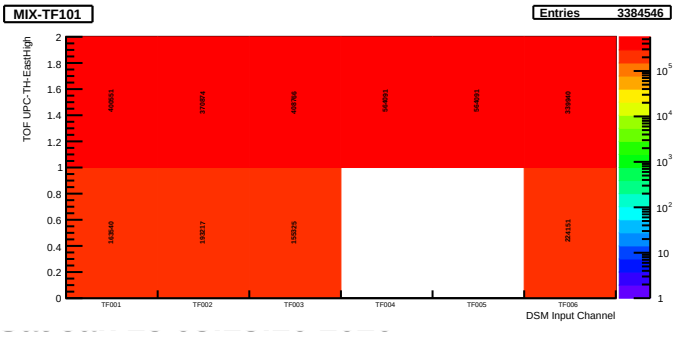

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

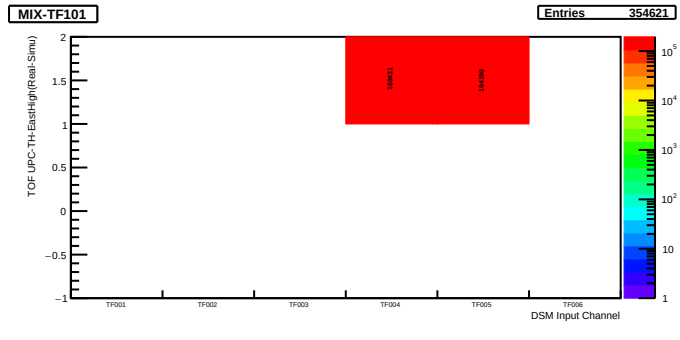

MIX-TF101
Entries 3384546
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

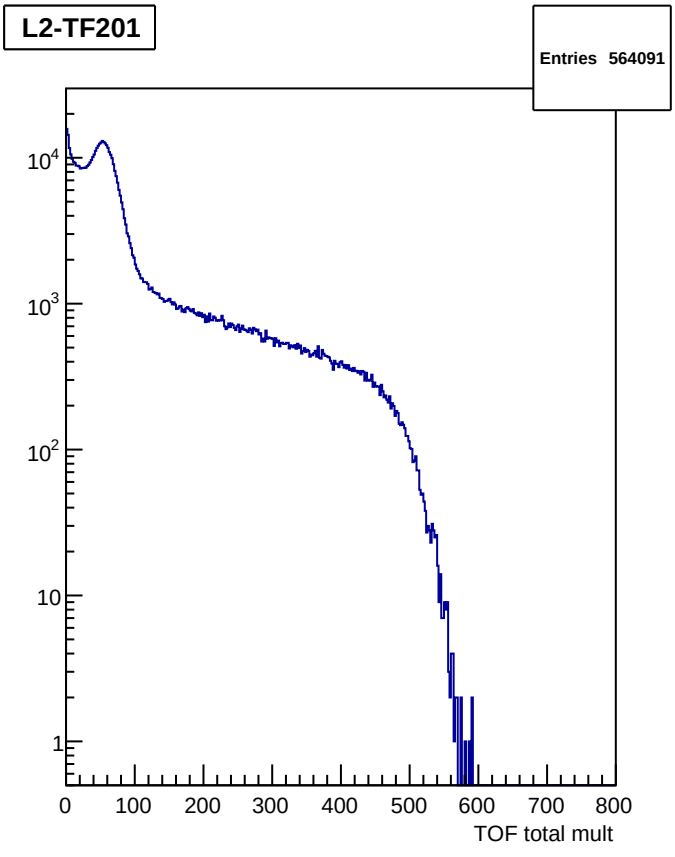

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

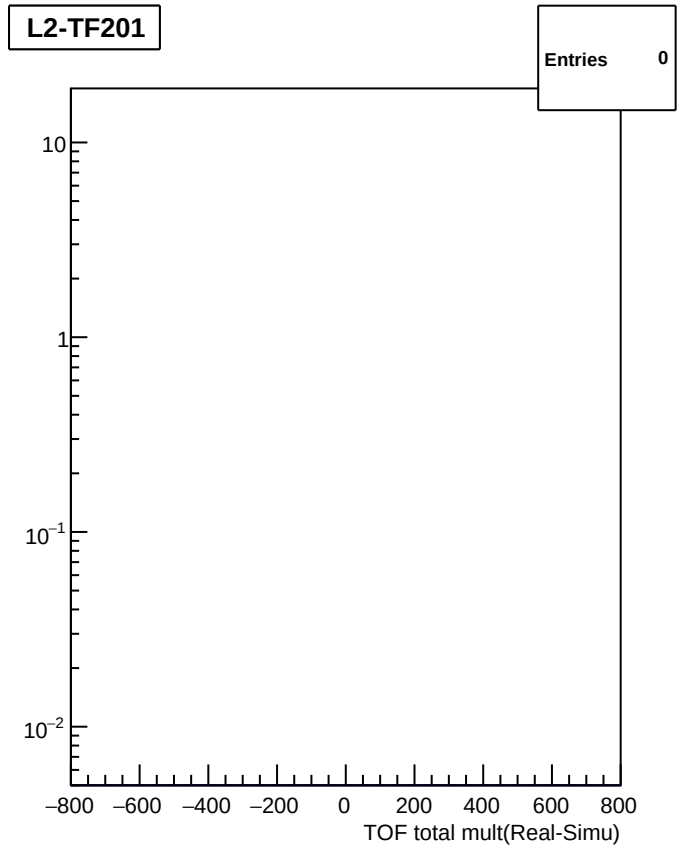

MIX-TF101
Entries 3384546
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

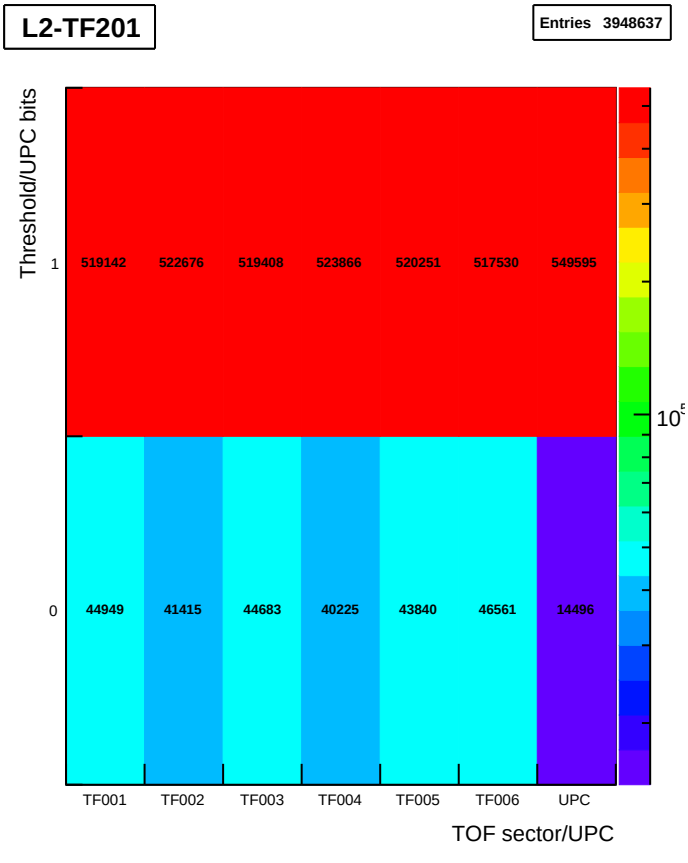

MIX-TF101
Entries 157317
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

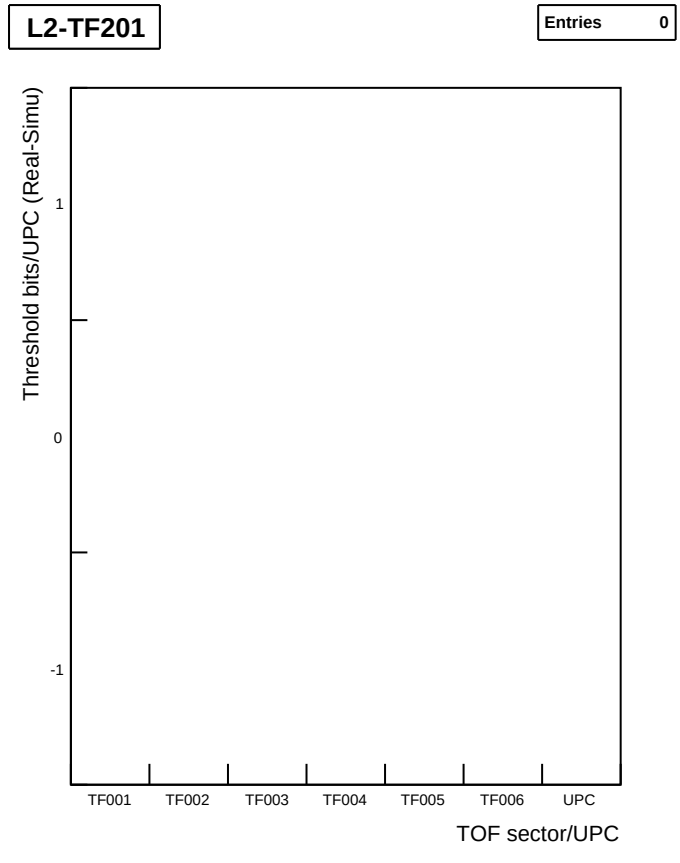

MIX-TF101
Entries 3384546
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

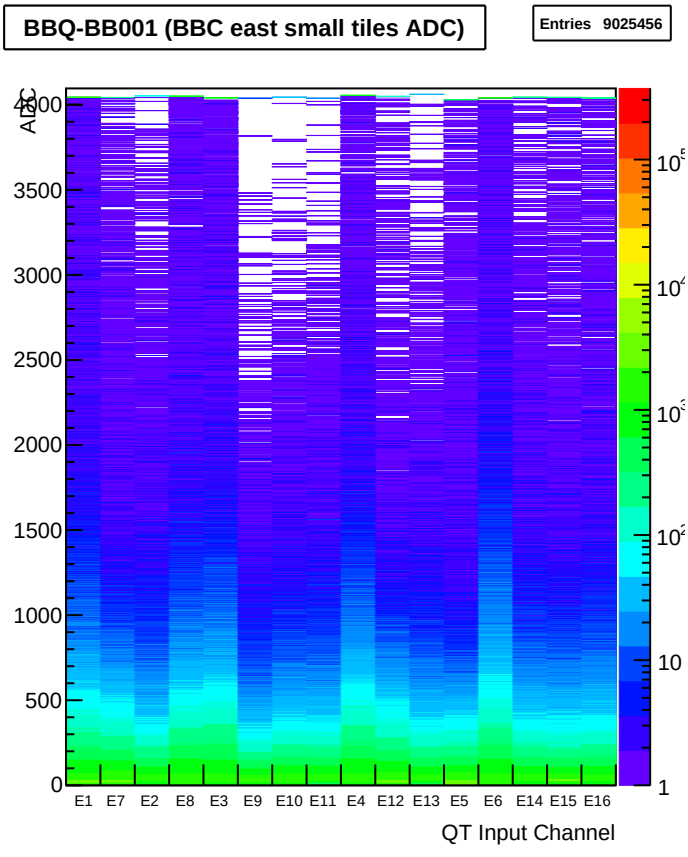

MIX-TF101
Entries 354621
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

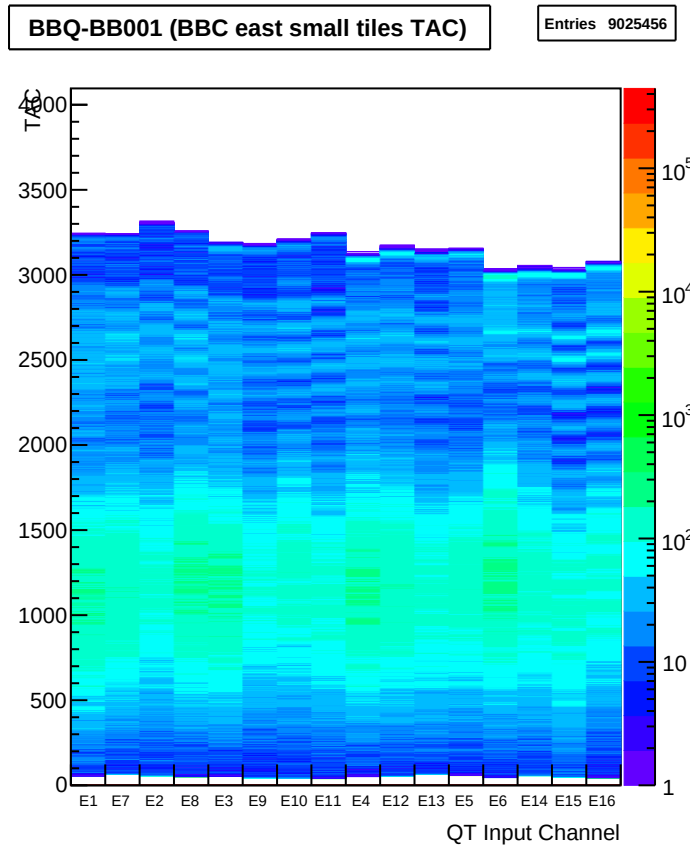

L2-TF201
Entries 564091
TOF total mult

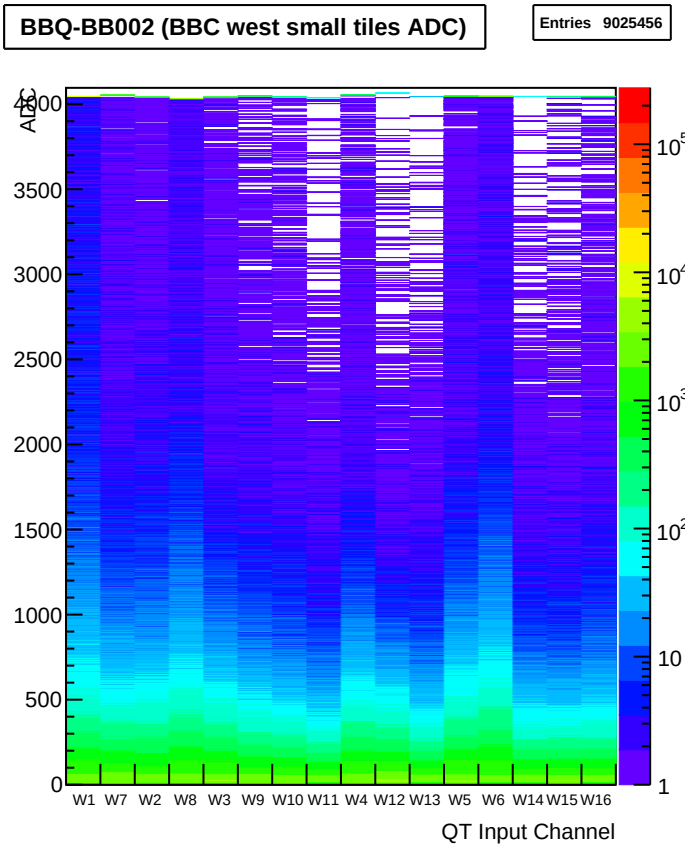

L2-TF201
Entries 0
TOF total mult(Real-Simu)

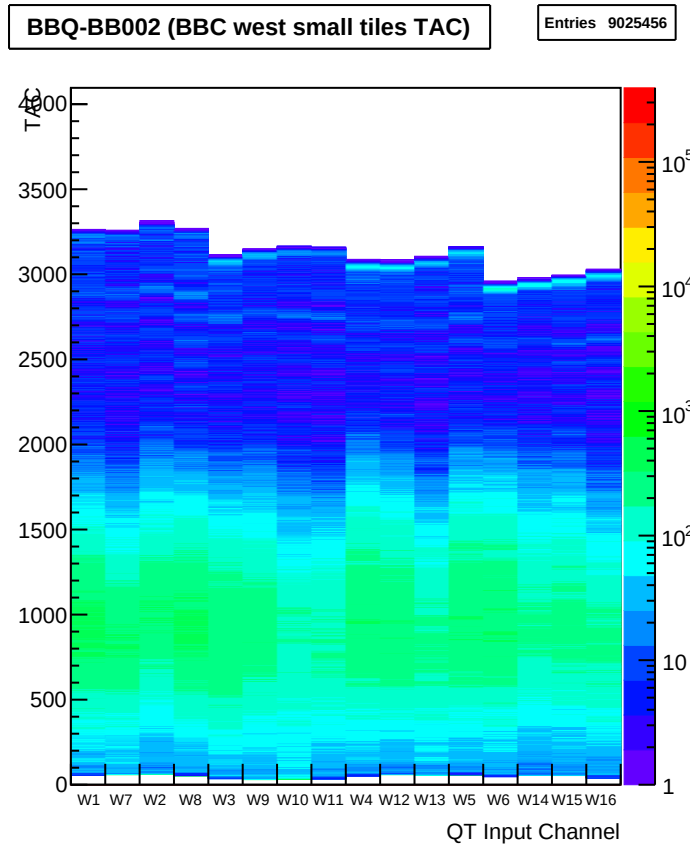

L2-TF201
Entries 3948637
Threshold/UPC bits
519142
522676
519408
523866
520251
517530
549595
44949
41415
44683
40225
43840
46561
14496
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

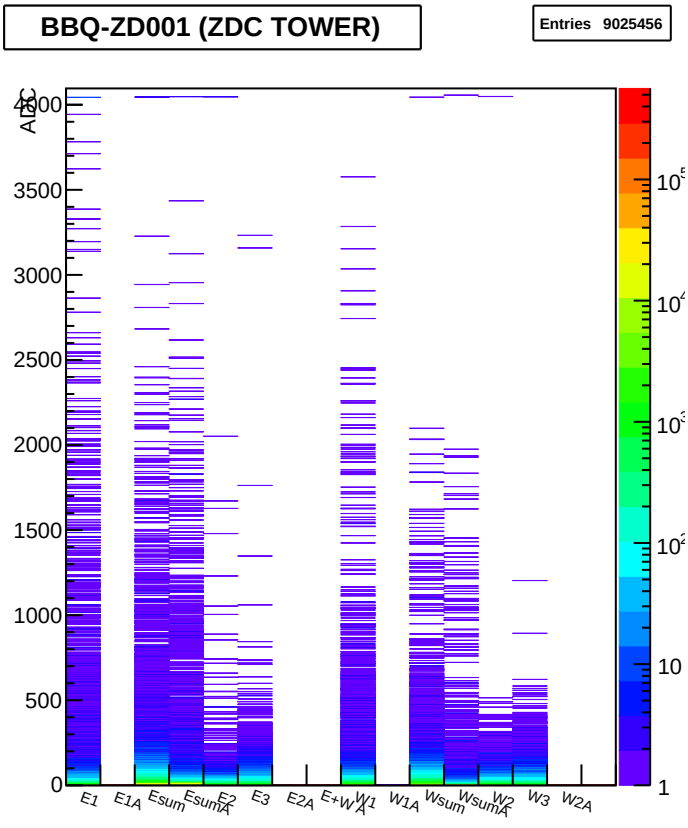

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

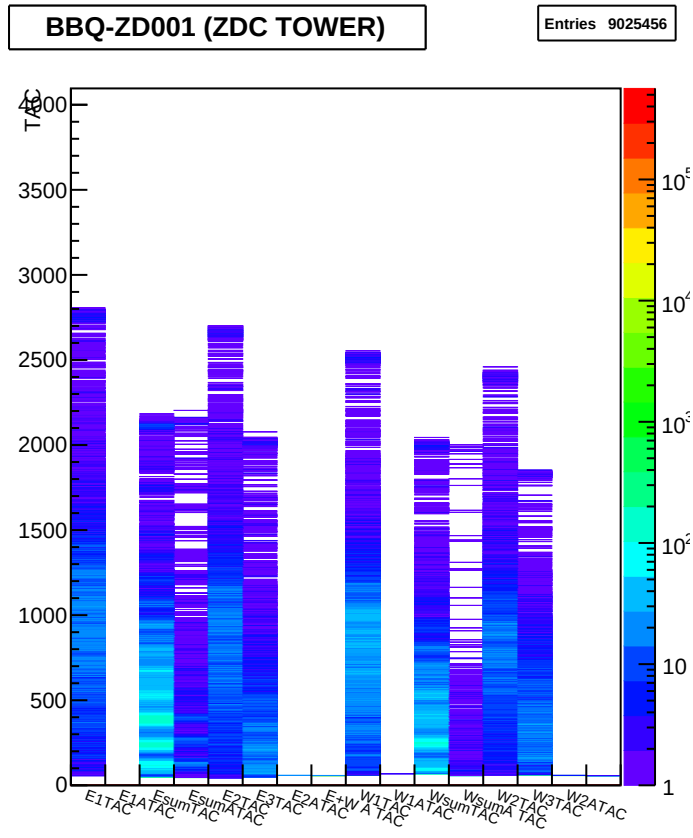

BBQ-BB001 (BBC east small tiles ADC)
Entries 9025456
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

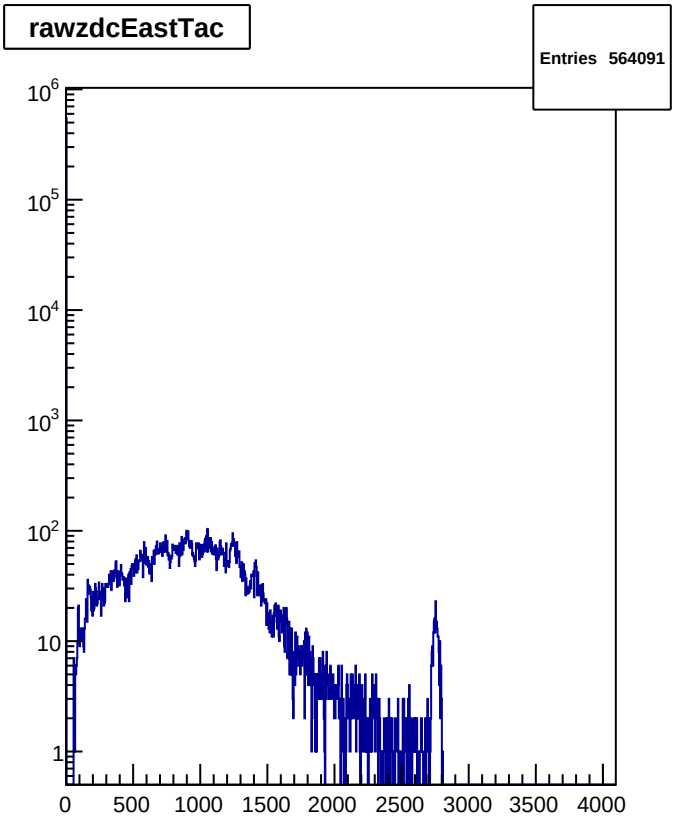

BBQ-BB001 (BBC east small tiles TAC)
Entries 9025456
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

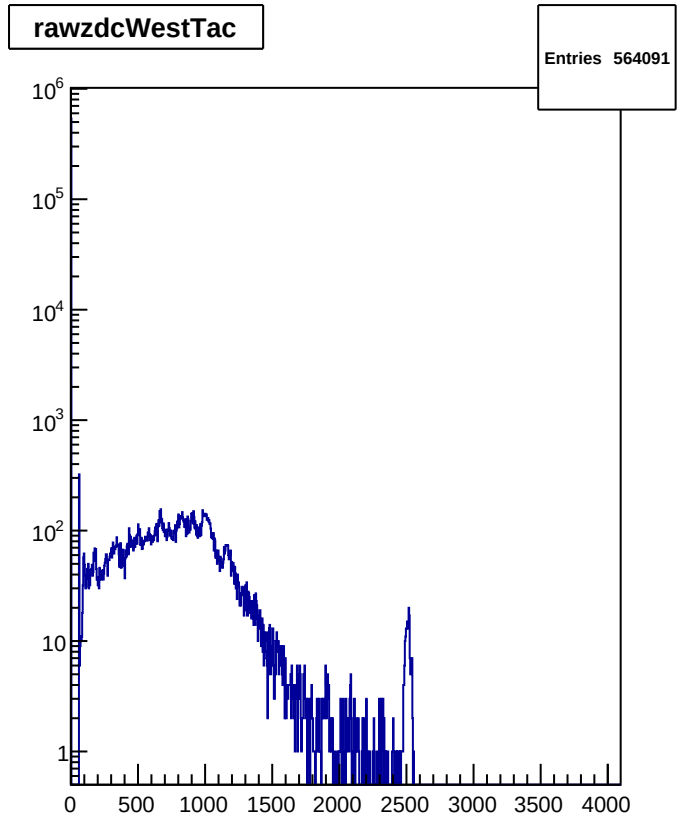

BBQ-BB002 (BBC west small tiles ADC)
Entries 9025456
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

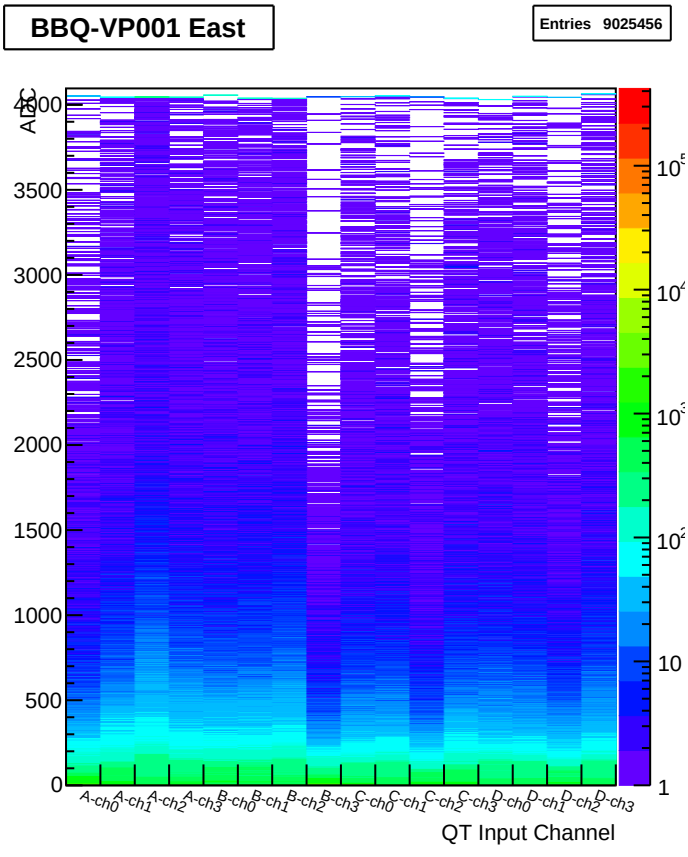

BBQ-BB002 (BBC west small tiles TAC)
Entries 9025456
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

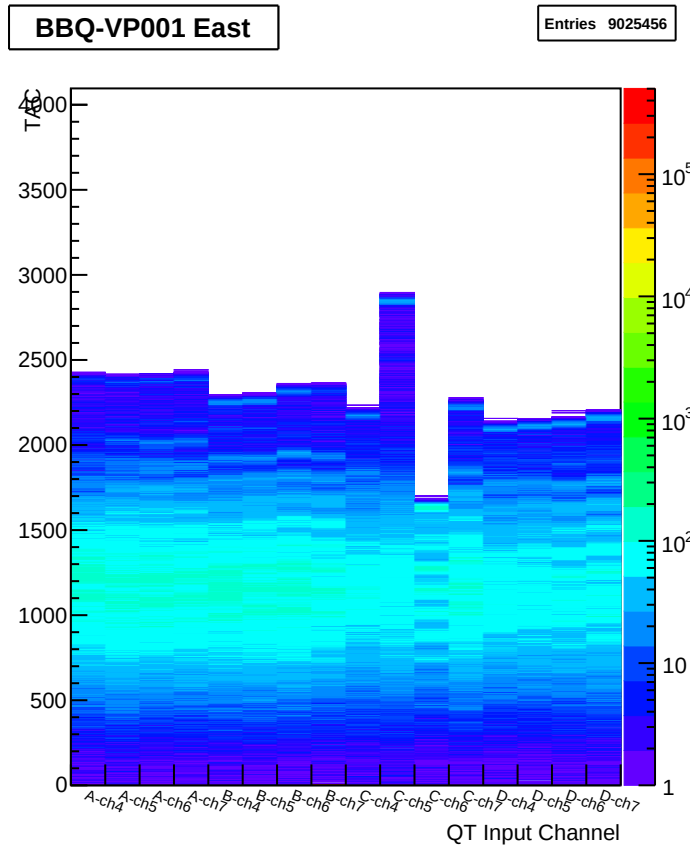

BBQ-ZD001 (ZDC TOWER)
Entries 9025456
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

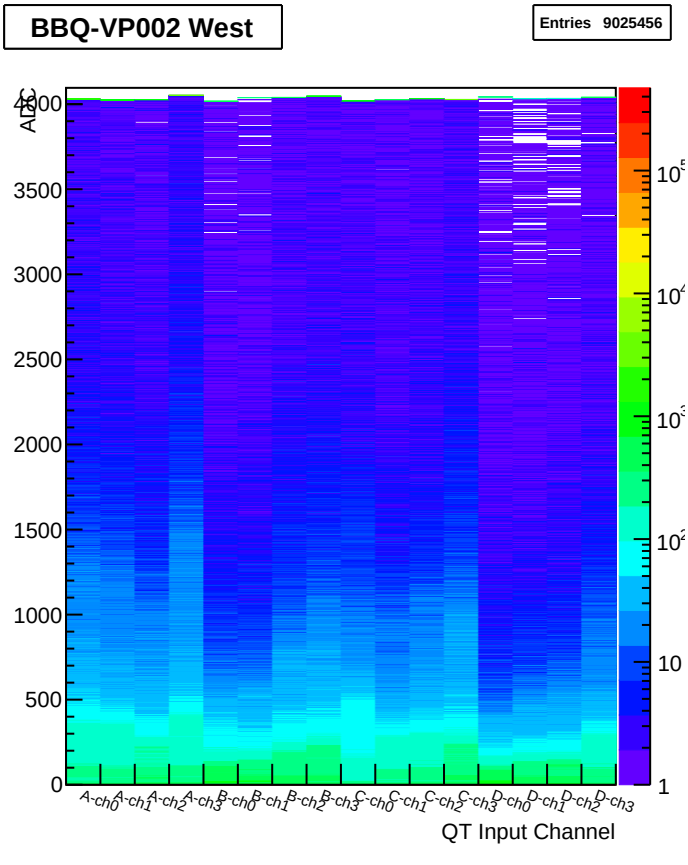

BBQ-ZD001 (ZDC TOWER)
Entries 9025456
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

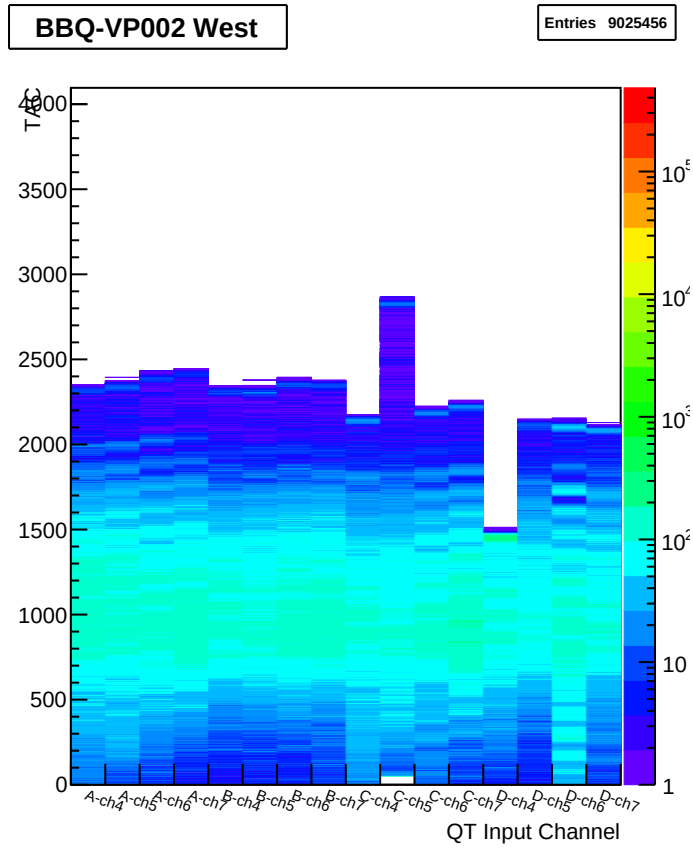

rawzdcEastTac
Entries 564091

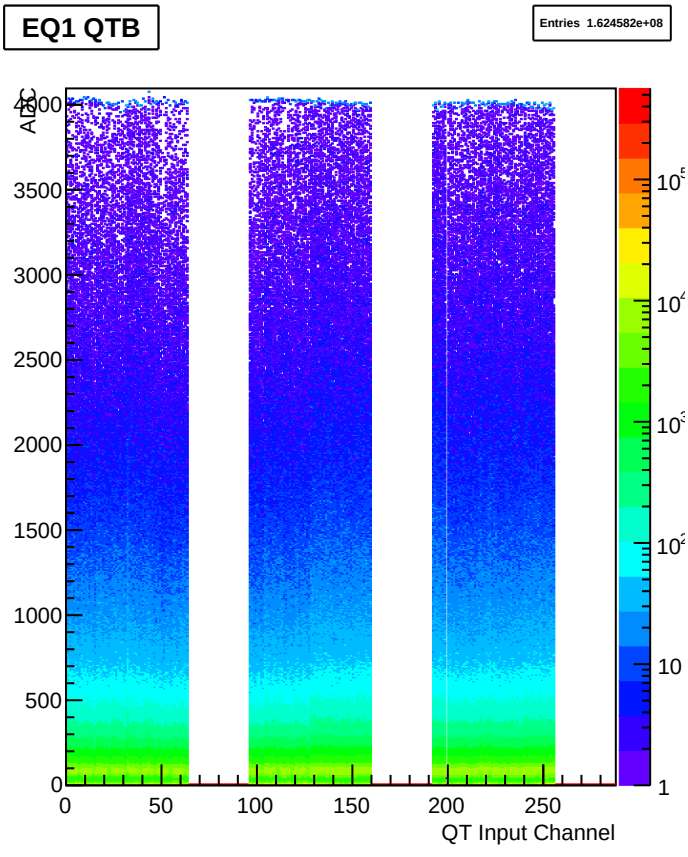

rawzdcWestTac
Entries 564091

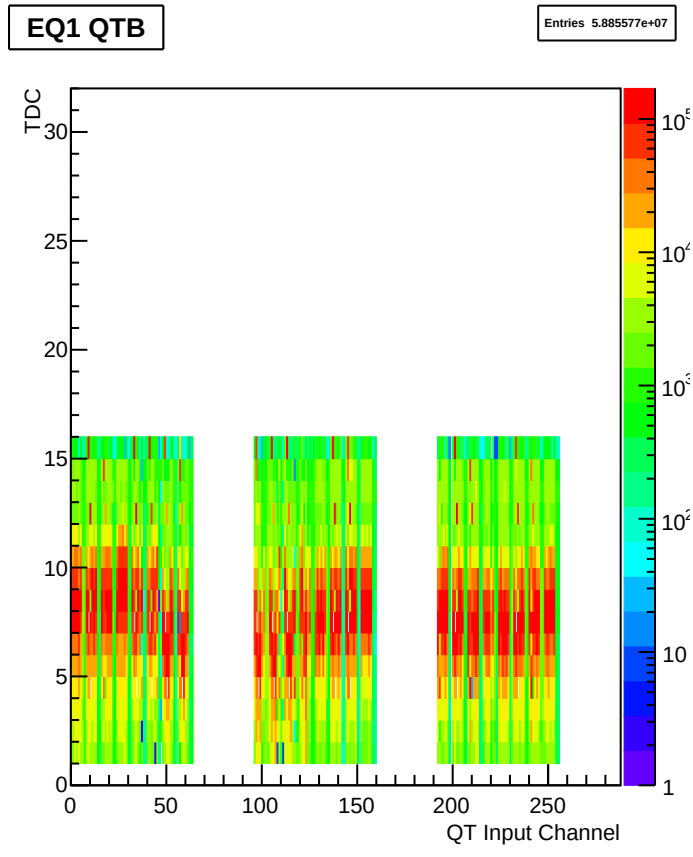

BBQ-VP001 East
Entries 9025456
ADC
QT Input Channel

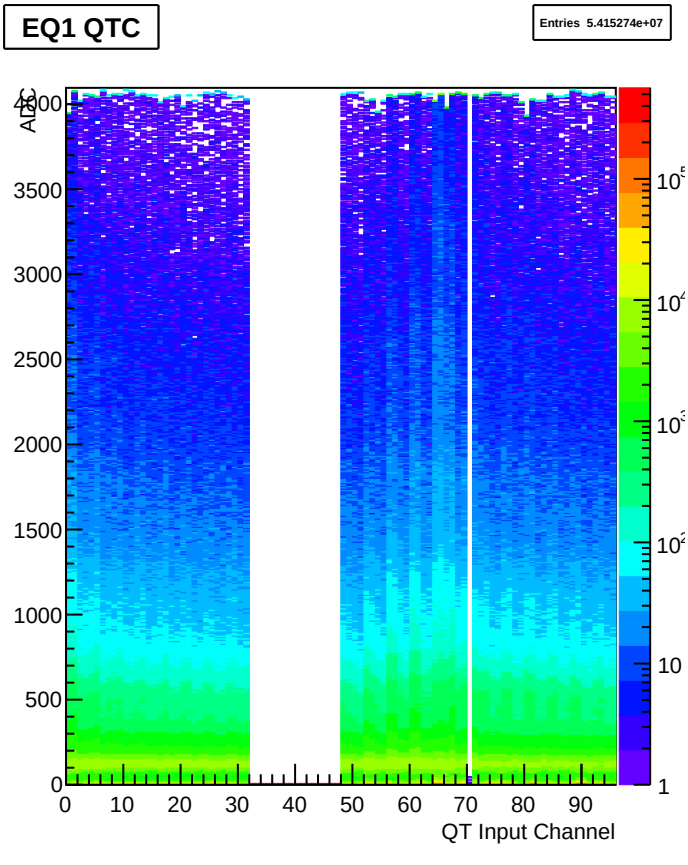

BBQ-VP001 East
Entries 9025456
TADC
QT Input Channel

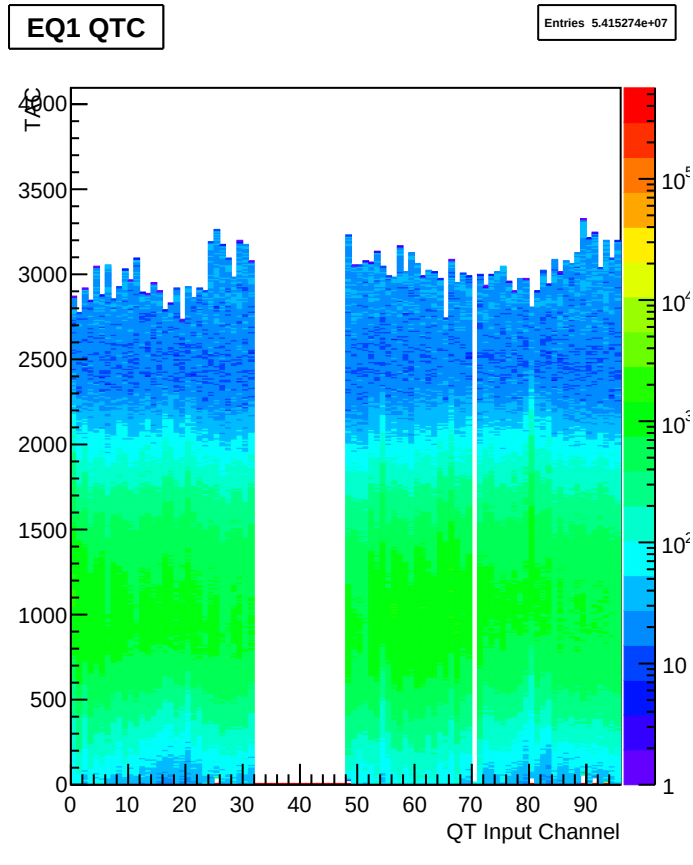

BBQ-VP002 West
Entries 9025456
ADC
QT Input Channel

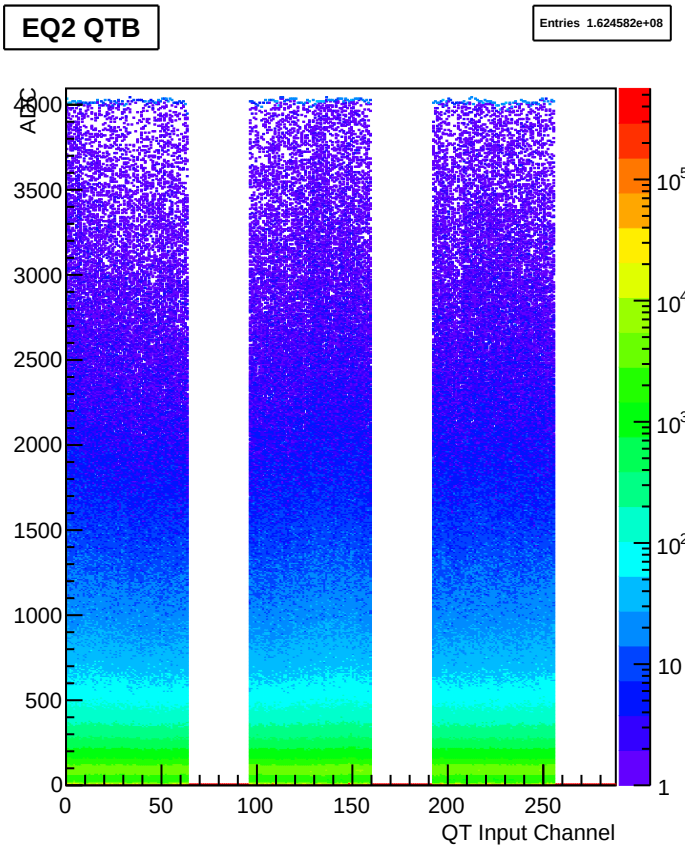

BBQ-VP002 West
Entries 9025456
TADC
QT Input Channel

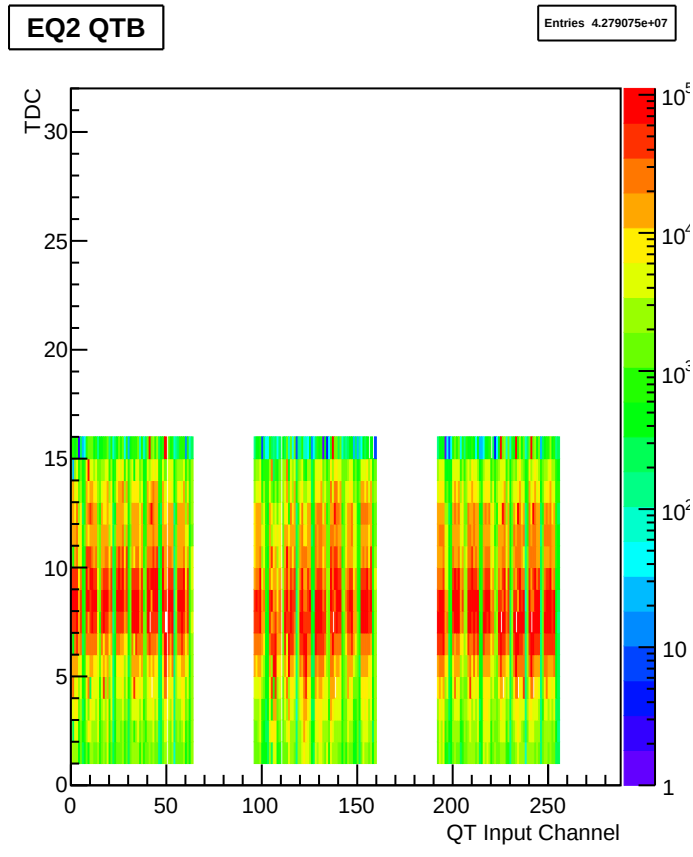

EQ1 QTB
Entries 1.624582e+08
ADC
QT Input Channel

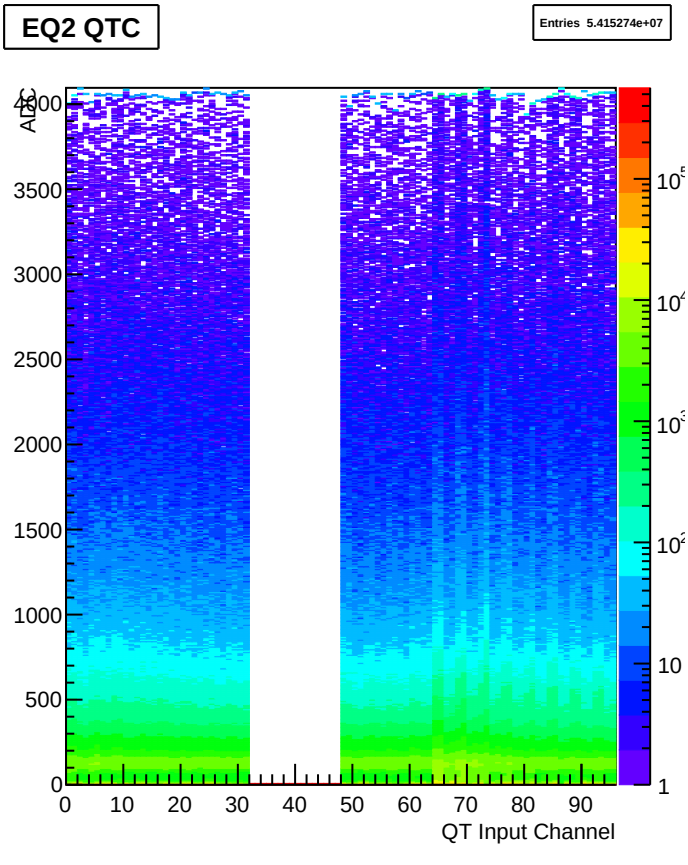

EQ1 QTB
Entries 5.885577e+07
TDC
QT Input Channel

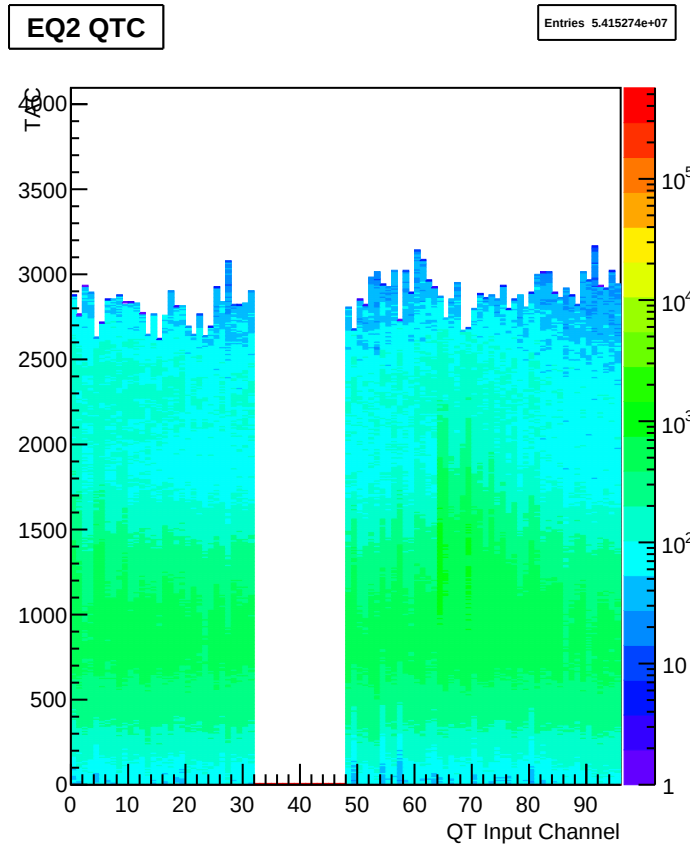

EQ1 QTC
Entries 5.415274e+07
ADC
QT Input Channel

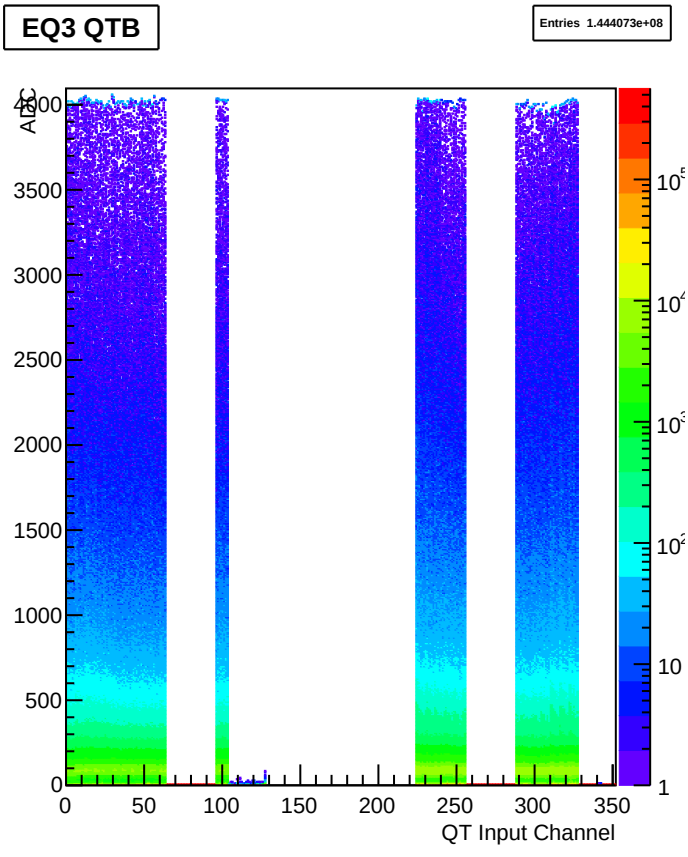

EQ1 QTC
Entries 5.415274e+07
TADC
QT Input Channel

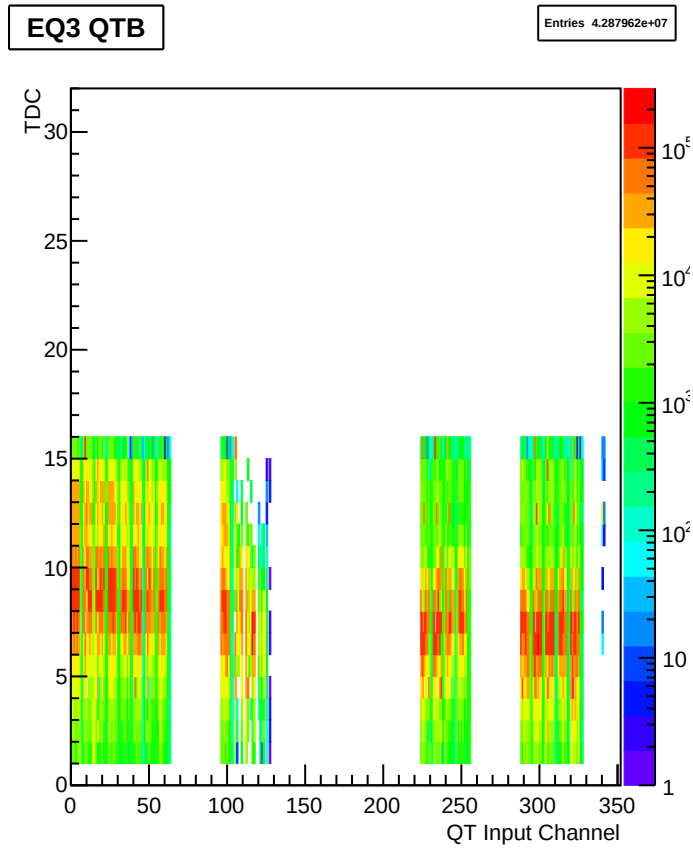

EQ2 QTB
Entries 1.624582e+08
ADC
QT Input Channel

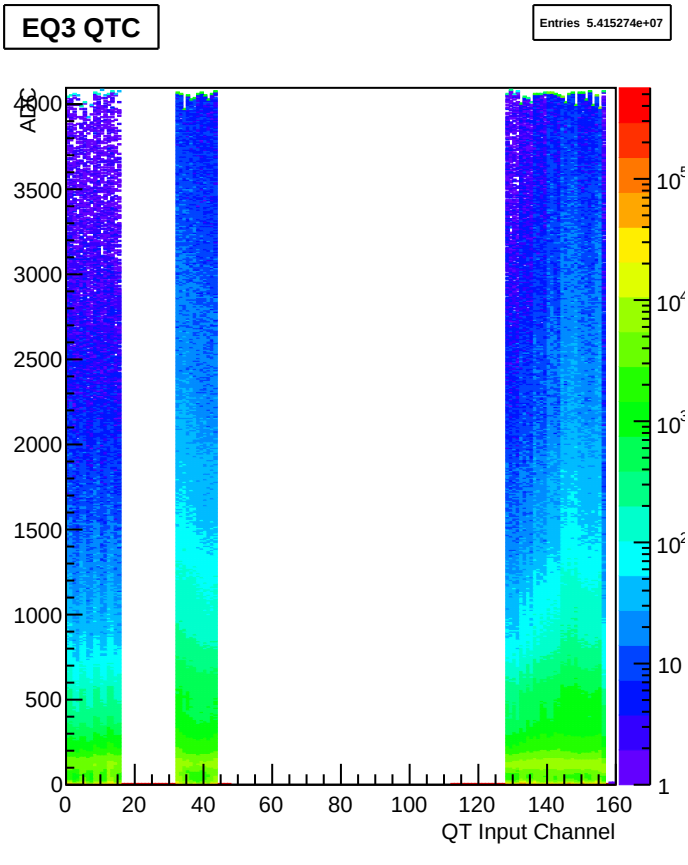

EQ2 QTB
Entries 4.279075e+07
TDC
QT Input Channel

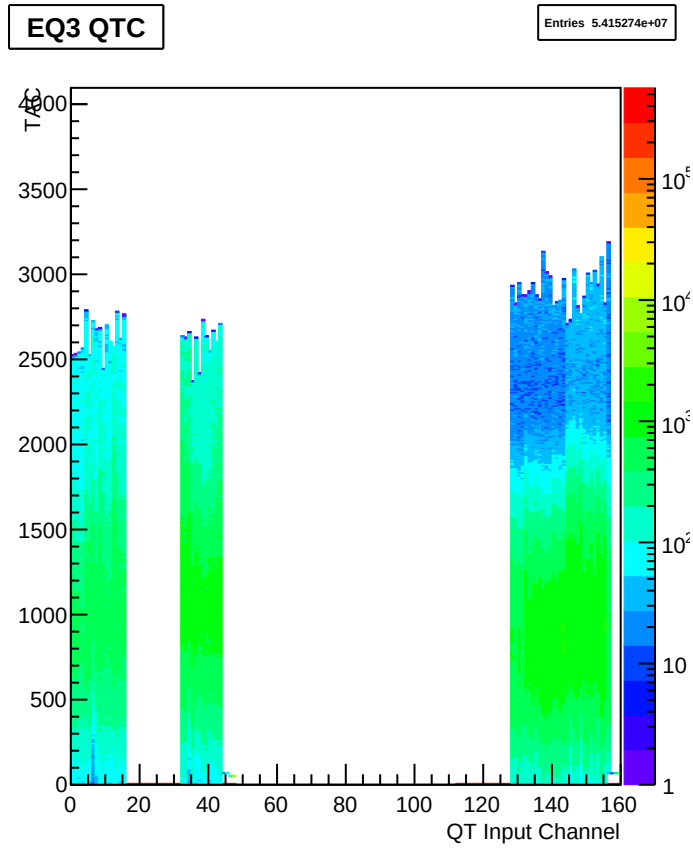

EQ2 QTC
Entries 5.415274e+07
ADC
QT Input Channel

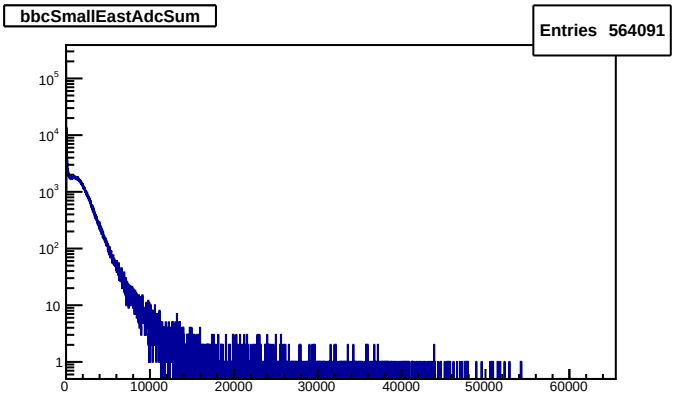

EQ2 QTC
Entries 5.415274e+07
TADC
QT Input Channel

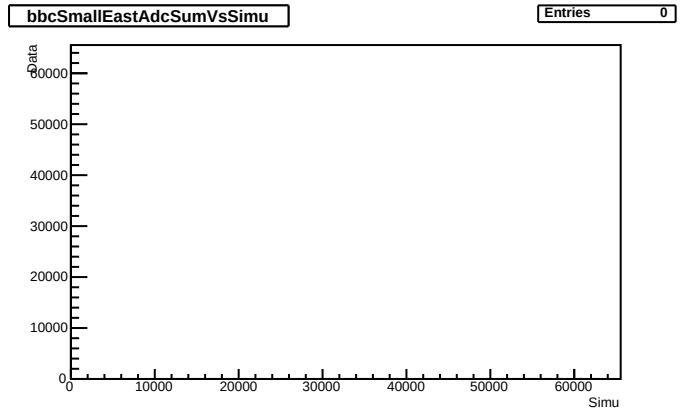

EQ3 QTB
Entries 1.444073e+08
ADC
QT Input Channel

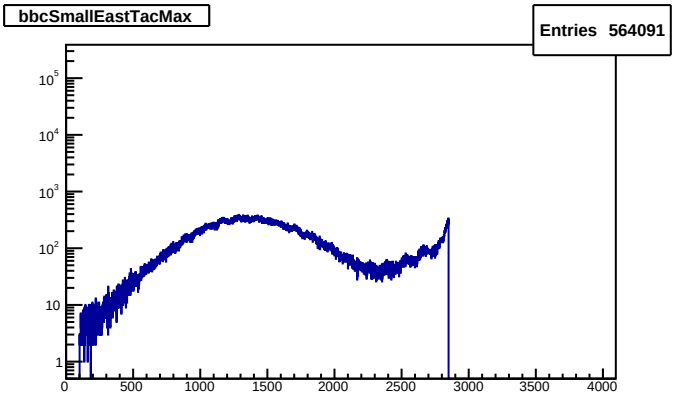

EQ3 QTB
Entries 4.287962e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.415274e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.415274e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 564091


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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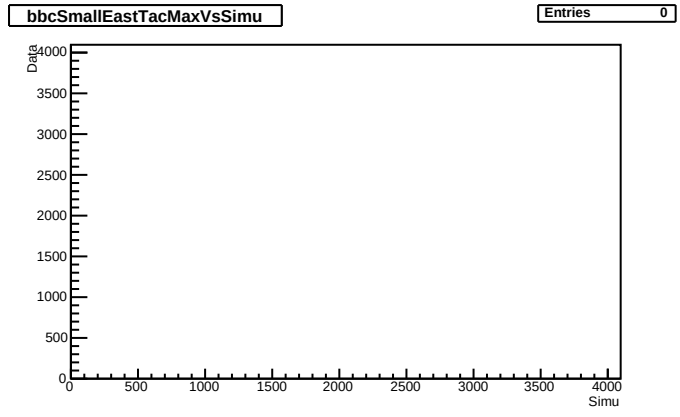
Entries 564091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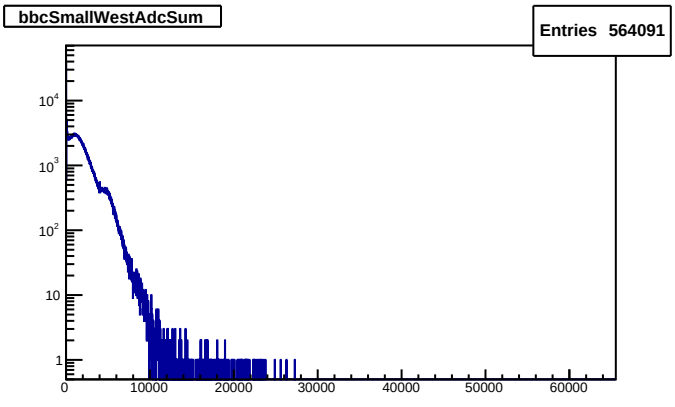
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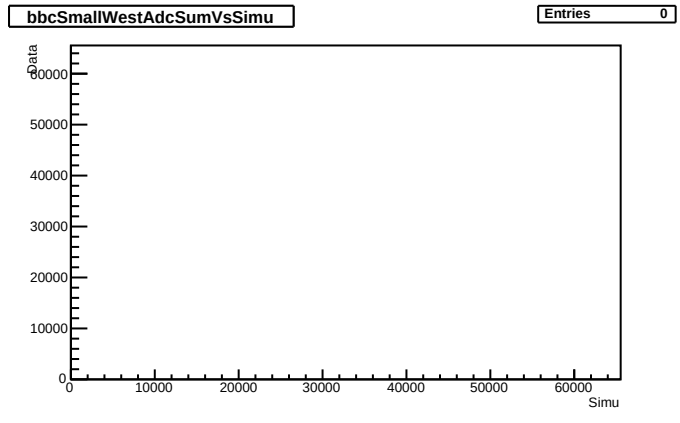
Entries 564091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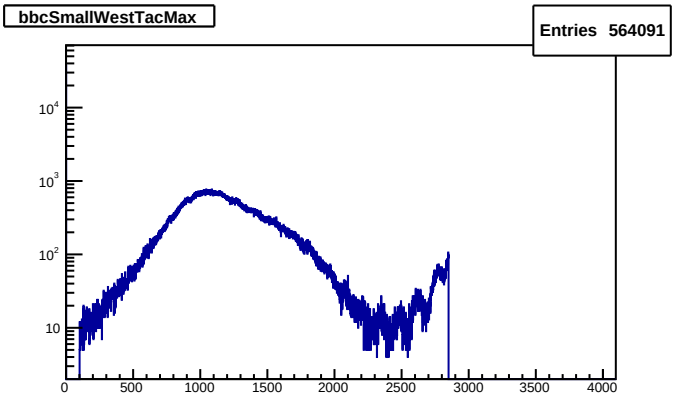
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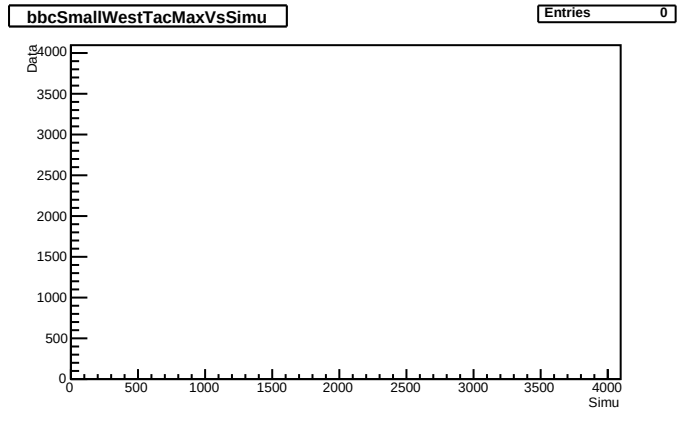
bbcSmallWestTacMaxVsSimu
Entries 0
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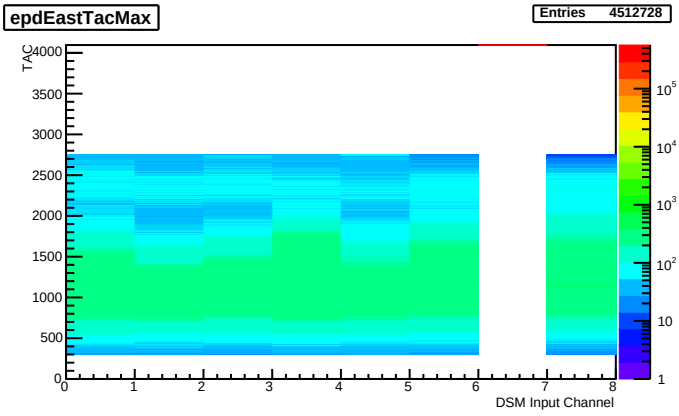
Simu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Entries 4512728
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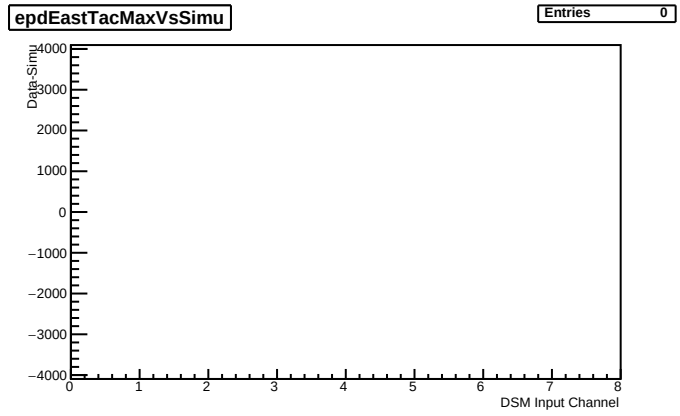
DSM Input Channel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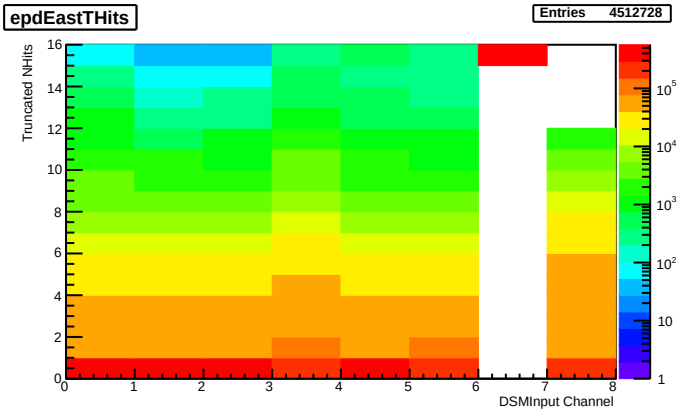
Entries 0
Data-Simu
DSM Input Channel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Entries 4512728
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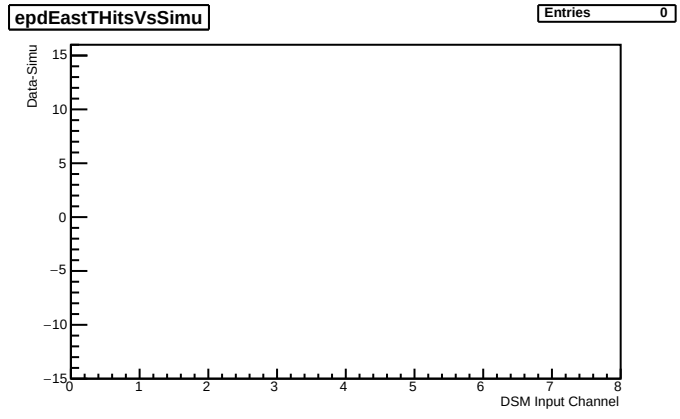
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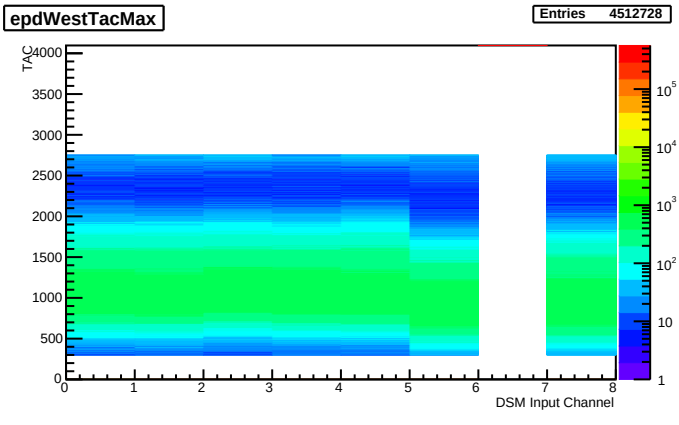
DSM Input Channel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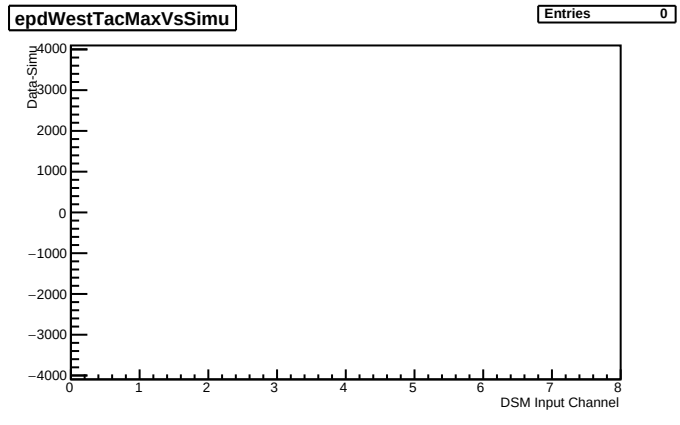
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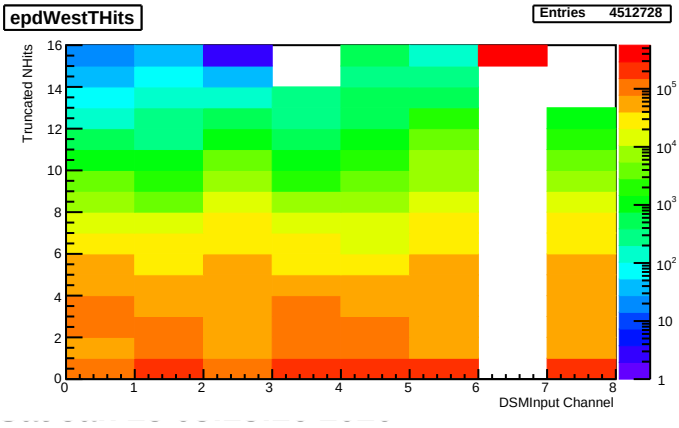
DSM Input Channel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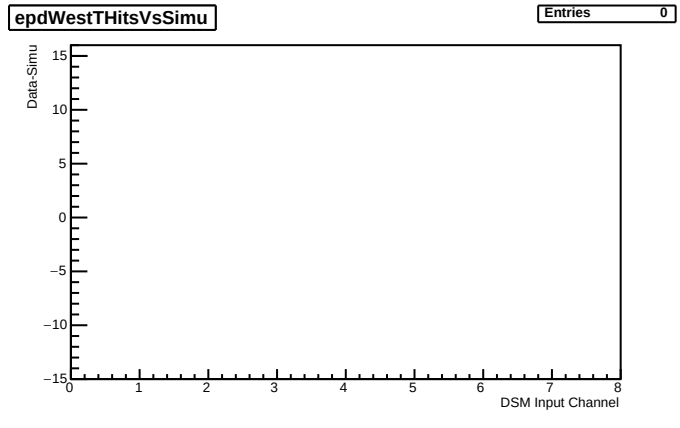
Entries 4512728
Truncated NHits
DSMInput Channel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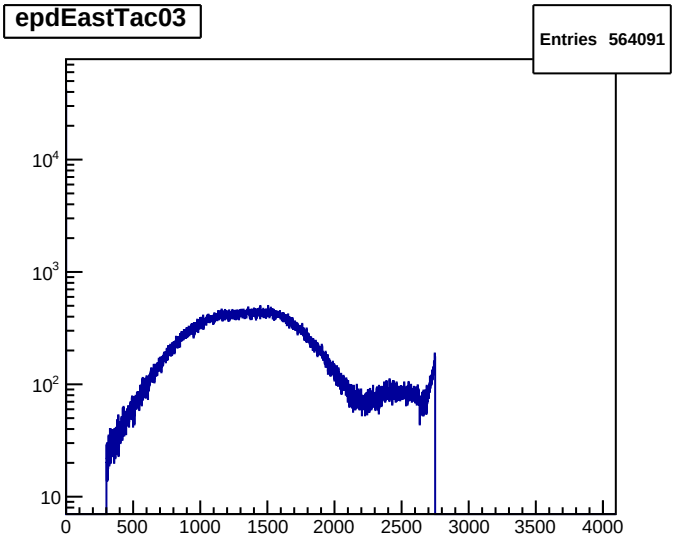
DSM Input Channel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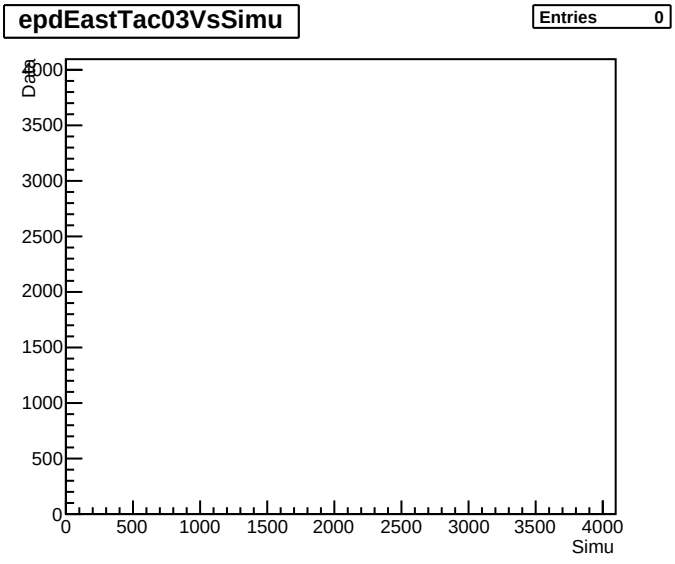
Entries 564091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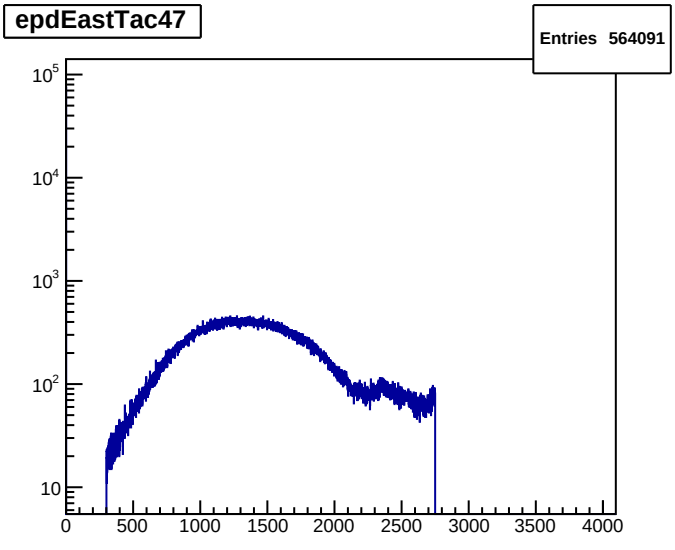
Entries 0
Data
Simu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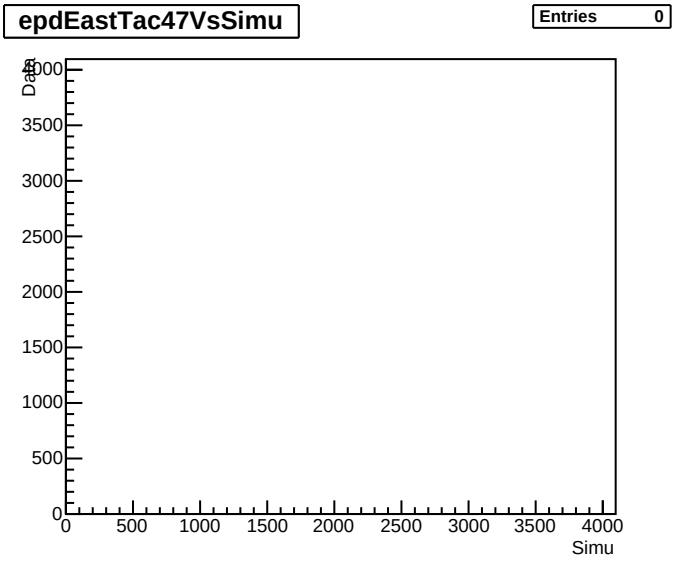
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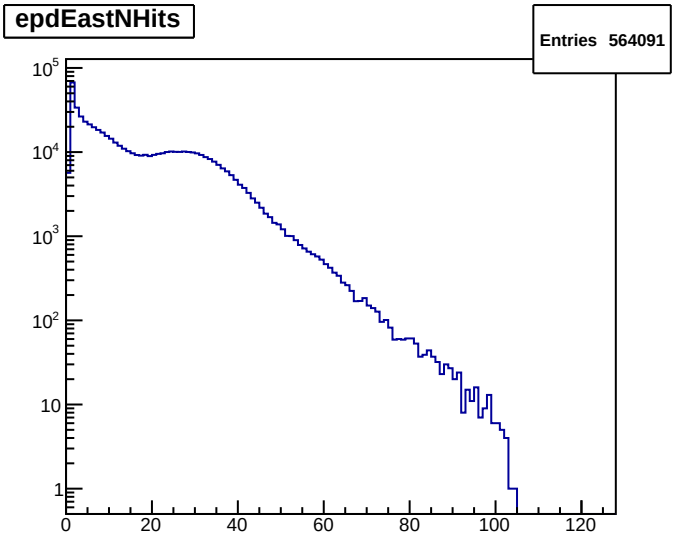
Entries 0
Data
Simu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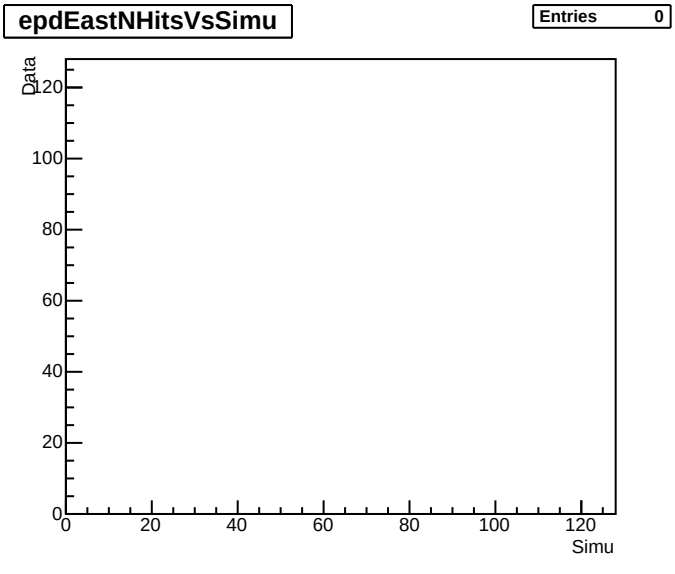
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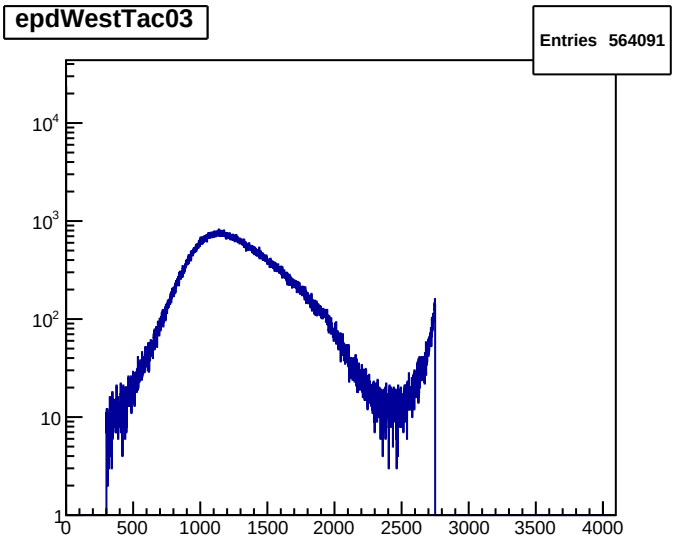
Entries 0
Data
Simu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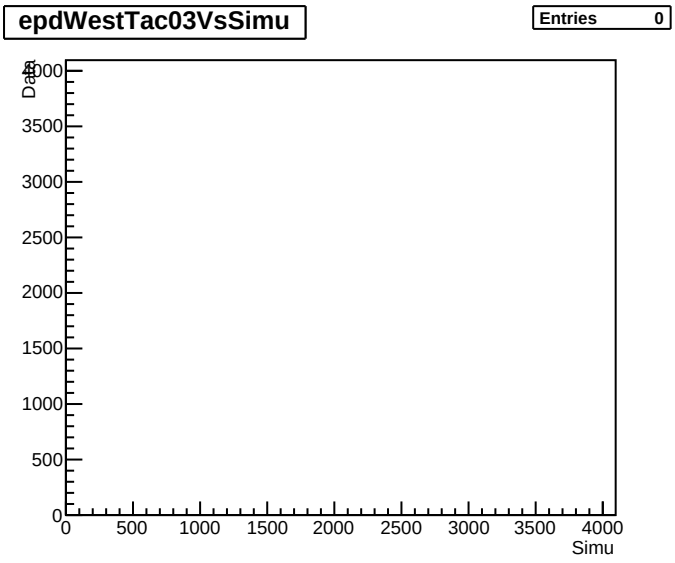
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Entries 0
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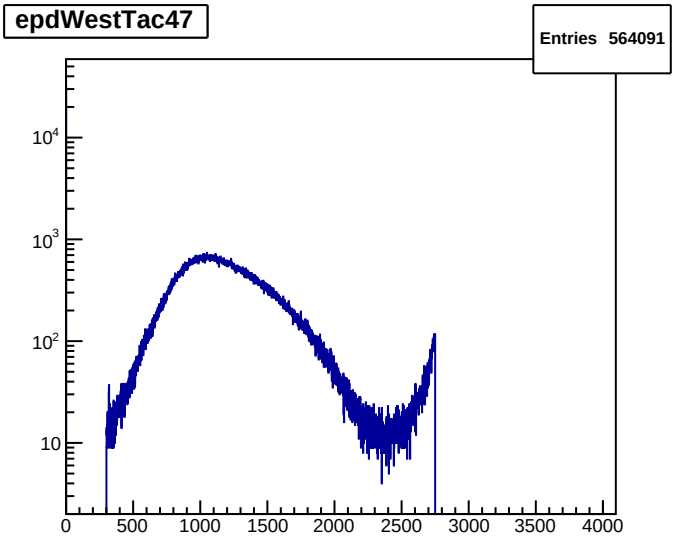
Simu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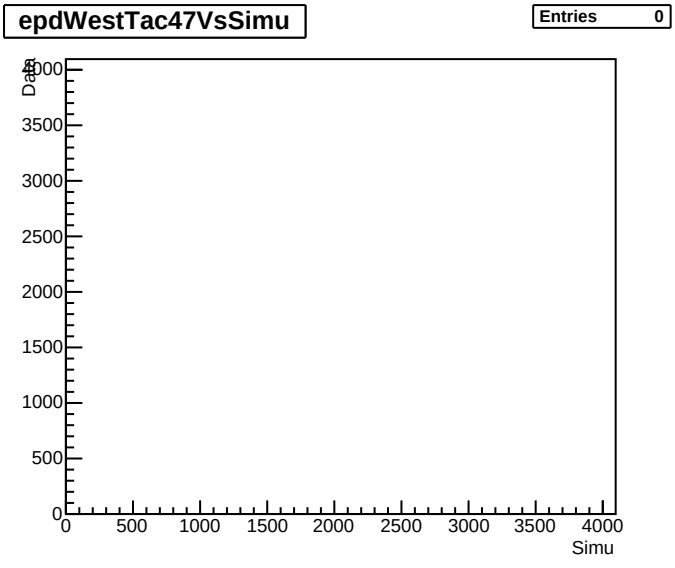
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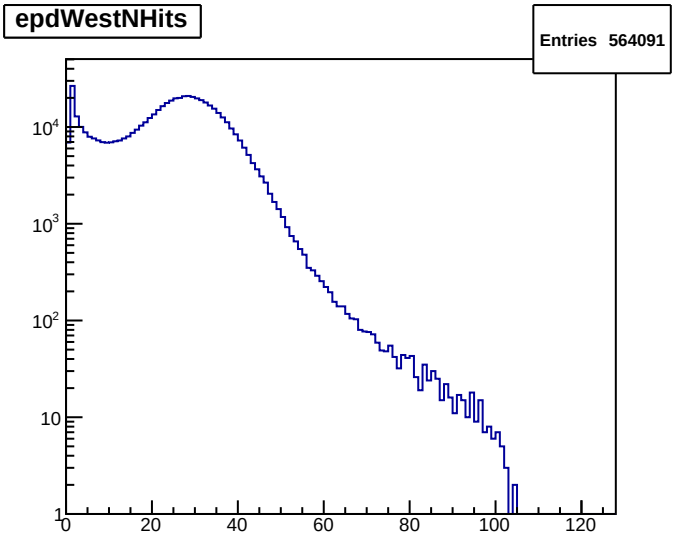
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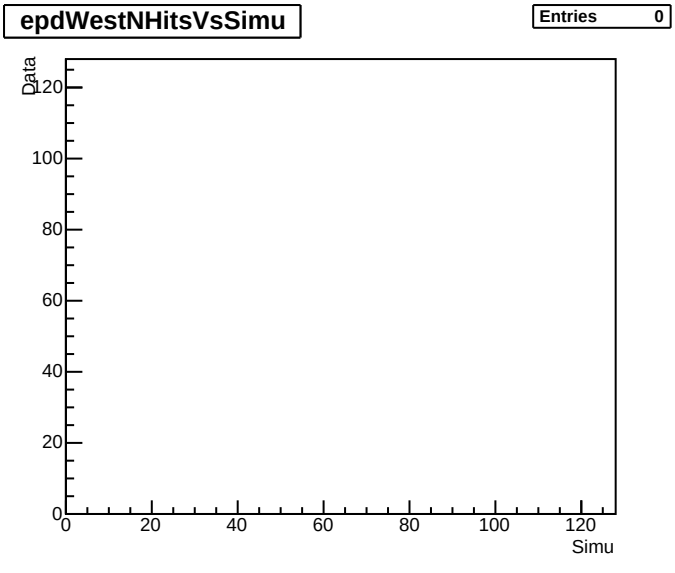
Entries 564091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Entries 0
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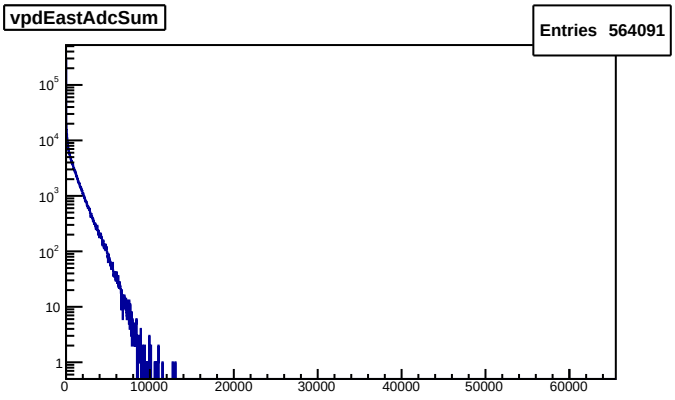
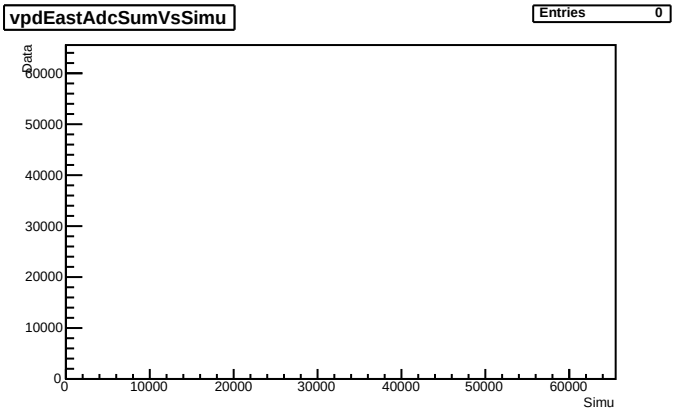
Simu


vpdEastAdcSum
Entries 564091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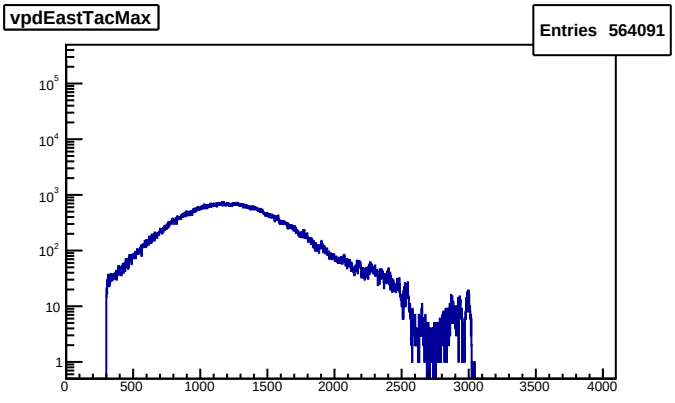
Data
Simu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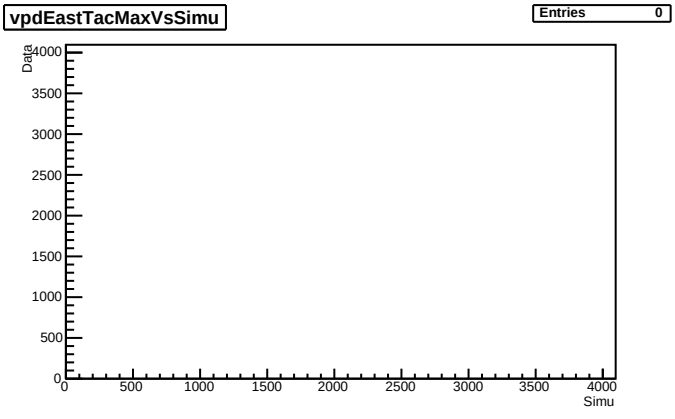
Entries 564091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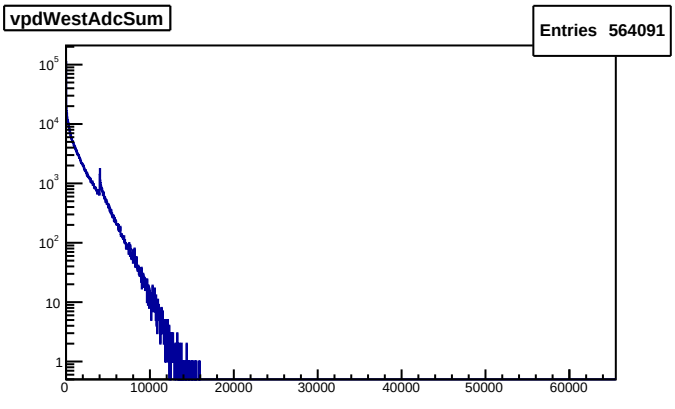
Entries 0
Data
Simu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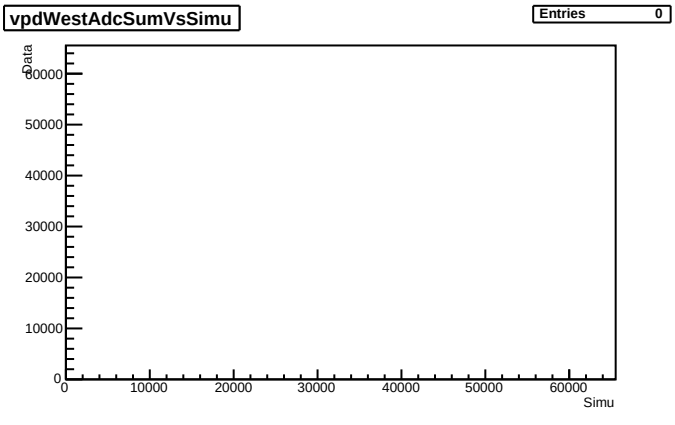
Entries 564091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Entries 0
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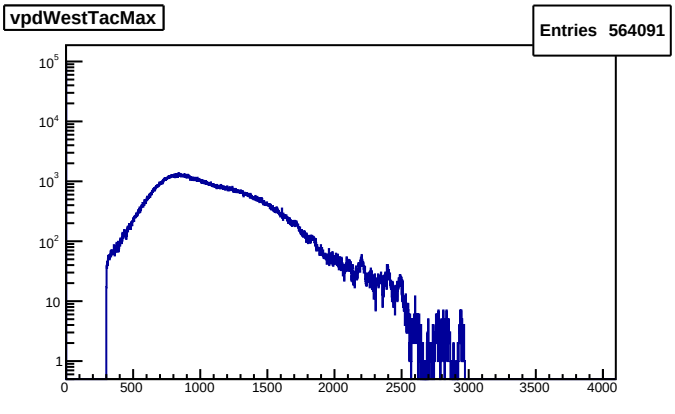
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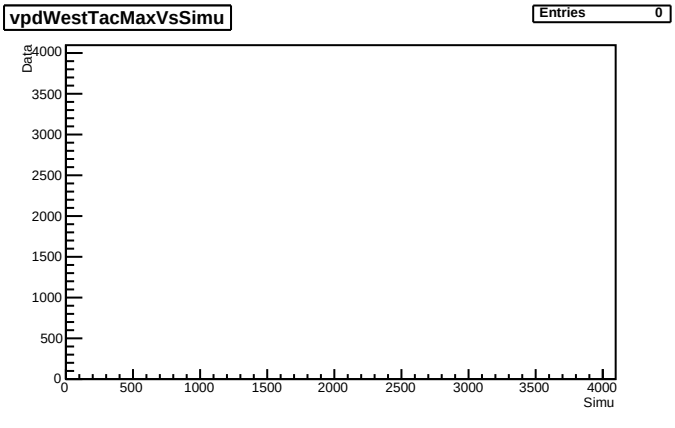
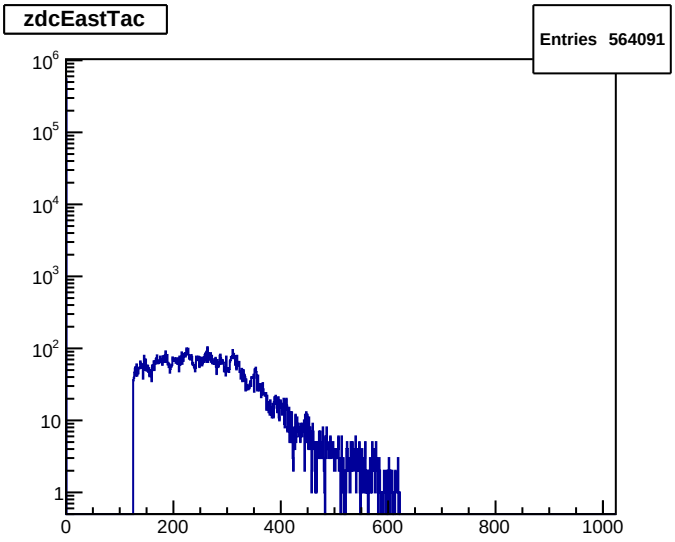
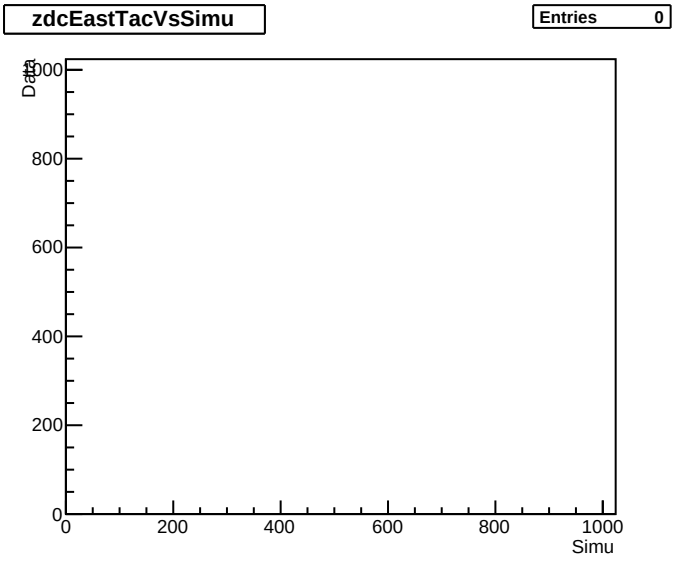
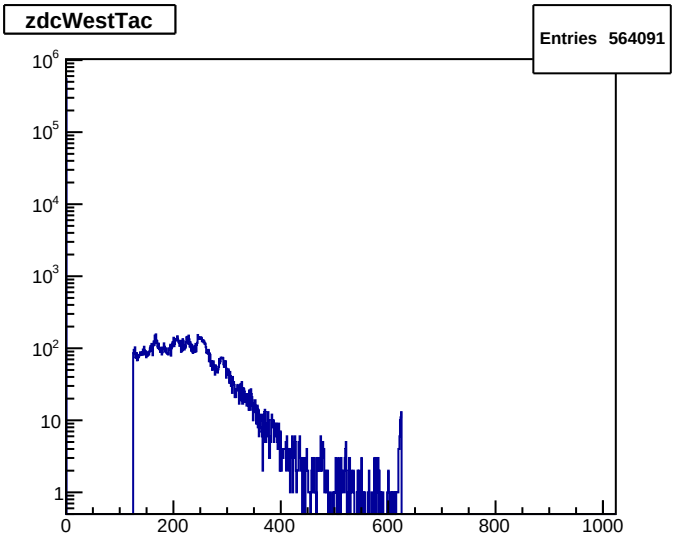
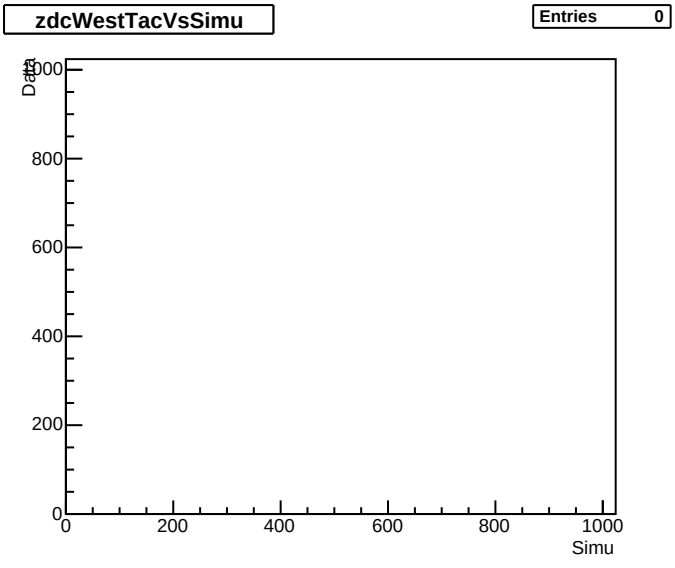
Entries 564091

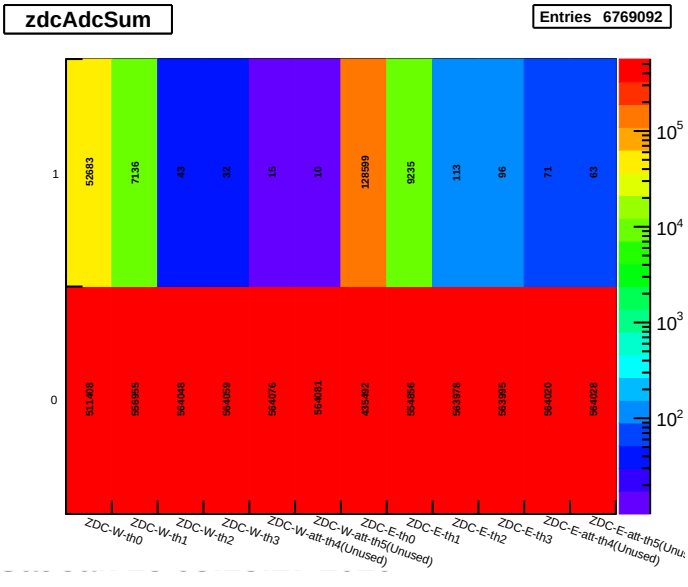

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

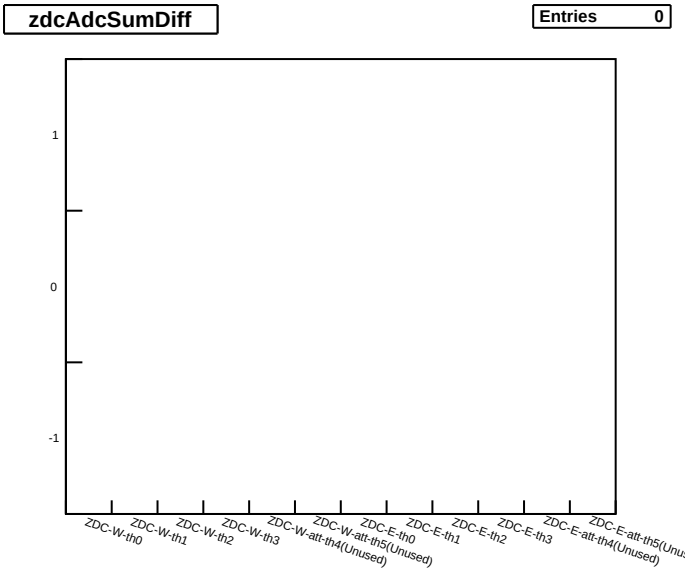

zdcEastTac
Entries 564091

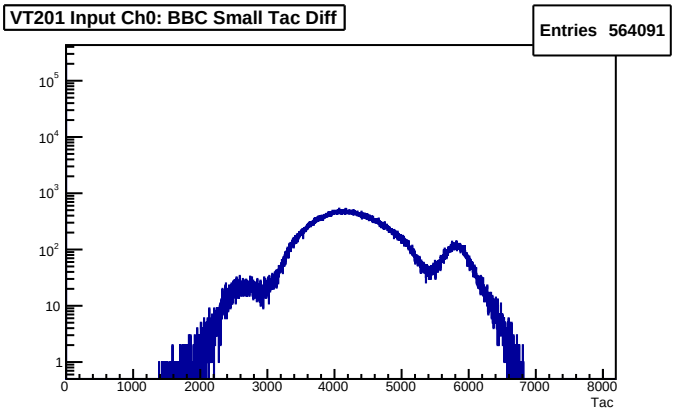

zdcEastTacVsSimu
Entries 0
Data
Simu

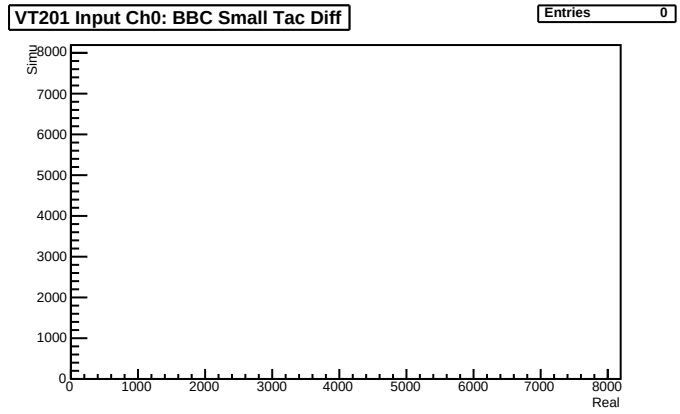

zdcWestTac
Entries 564091

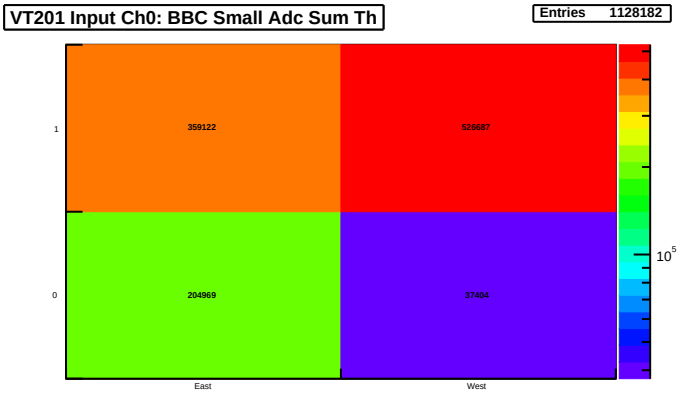

zdcWestTacVsSimu
Entries 0
Data
Simu

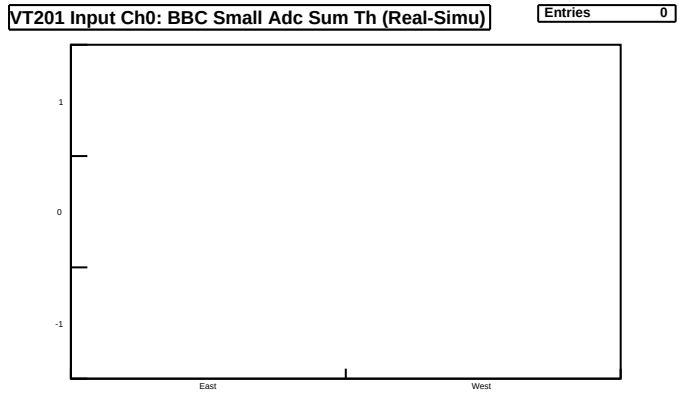

zdcAdcSum
Entries 6769092
52683
7136
43
32
15
10
128599
9235
113
96
71
63
511408
566955
564048
564059
564076
564081
435492
564866
563978
563995
564020
564028
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

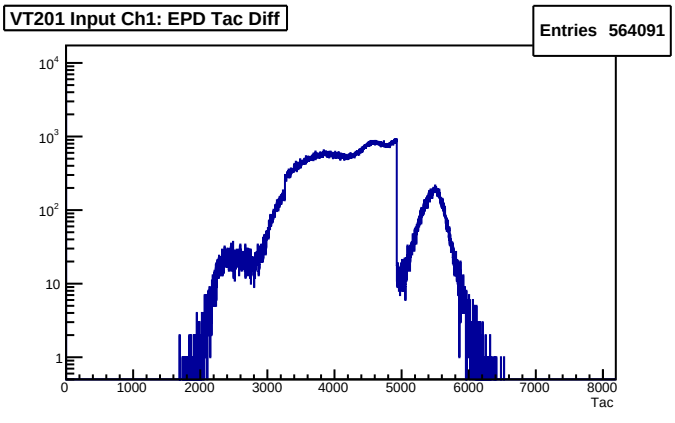

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

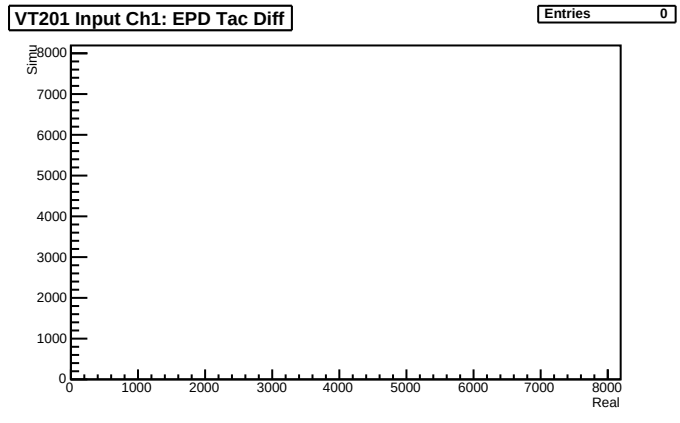

VT201 Input Ch0: BBC Small Tac Diff
Entries 564091
Tac

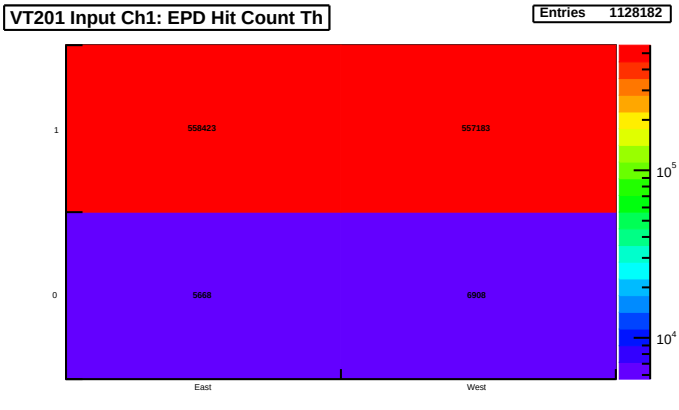

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

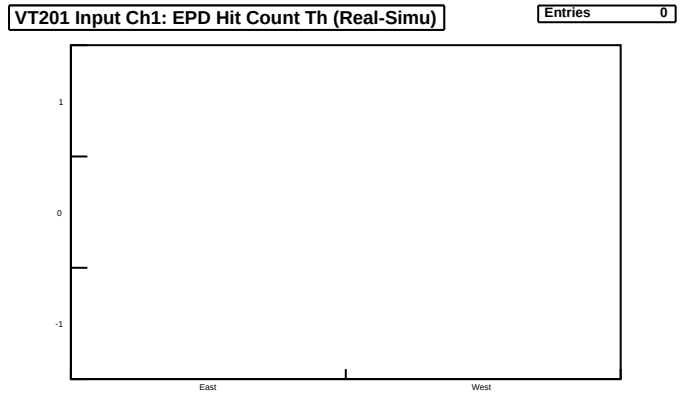

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1128182
359122
526687
204969
37404
East
West

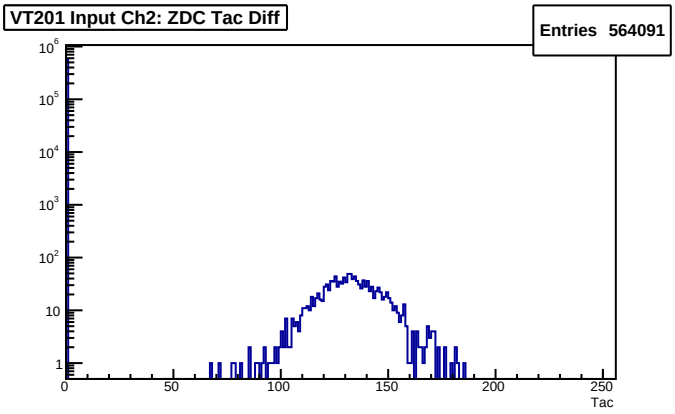

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

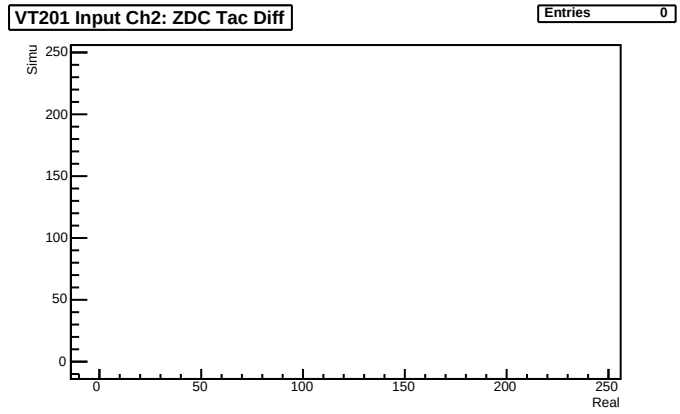

VT201 Input Ch1: EPD Tac Diff
Entries 564091
Tac

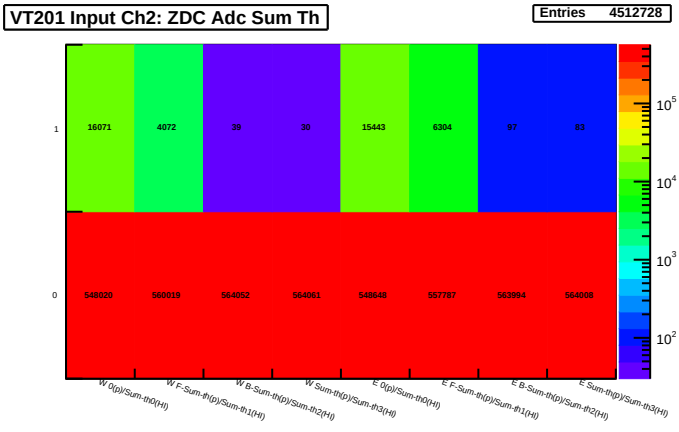

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

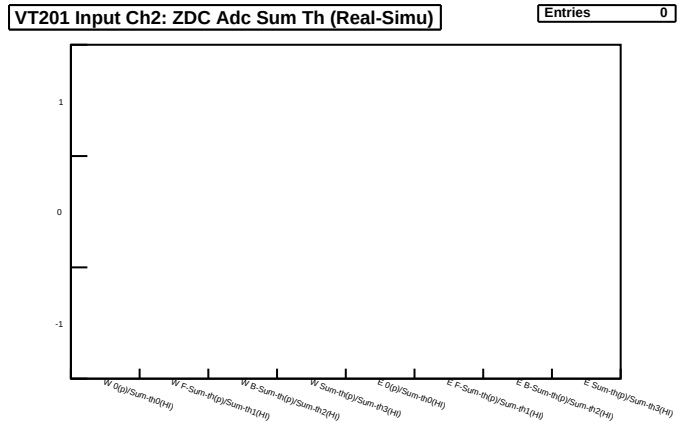

VT201 Input Ch1: EPD Hit Count Th
Entries 1128182
558423
557183
5668
6908
East
West

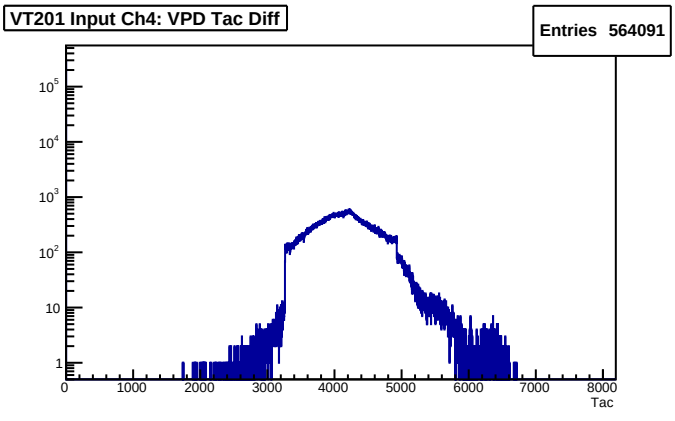

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

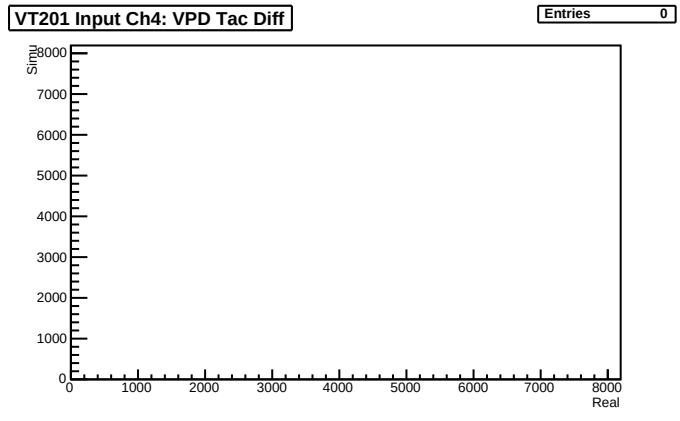

VT201 Input Ch2: ZDC Tac Diff
Entries 564091
Tac

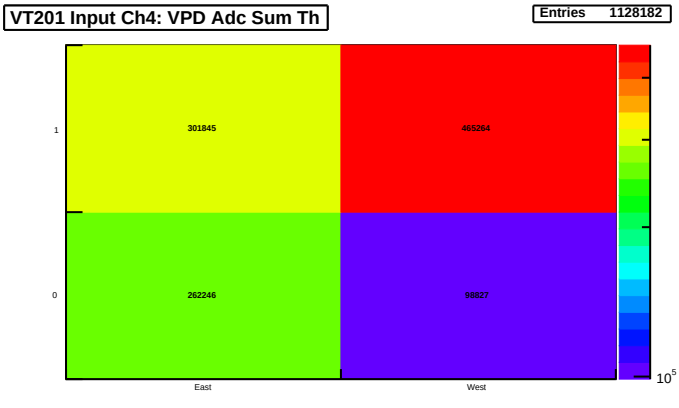

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

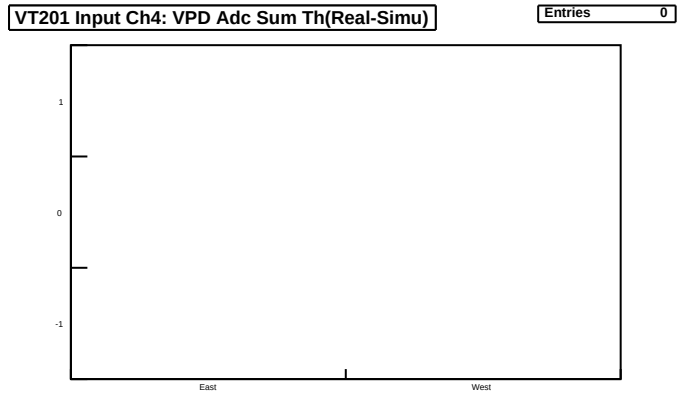

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4512728
16071
4072
39
30
15443
6304
97
83
548020
560019
564052
564061
548648
557787
563994
564008
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

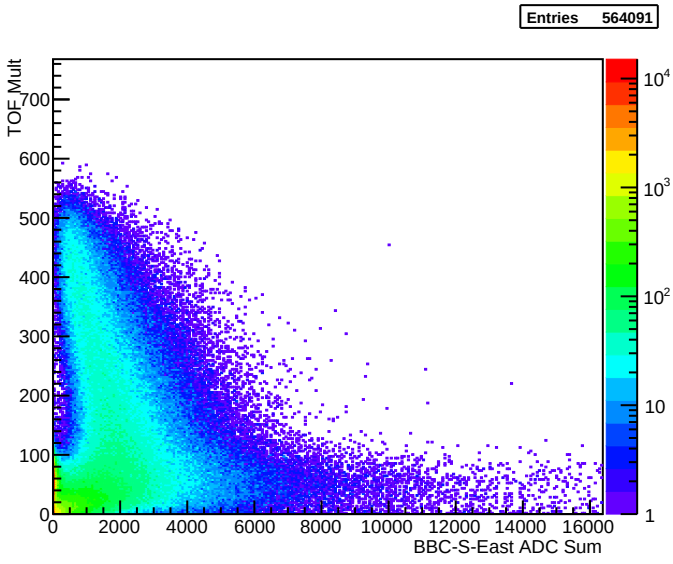

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

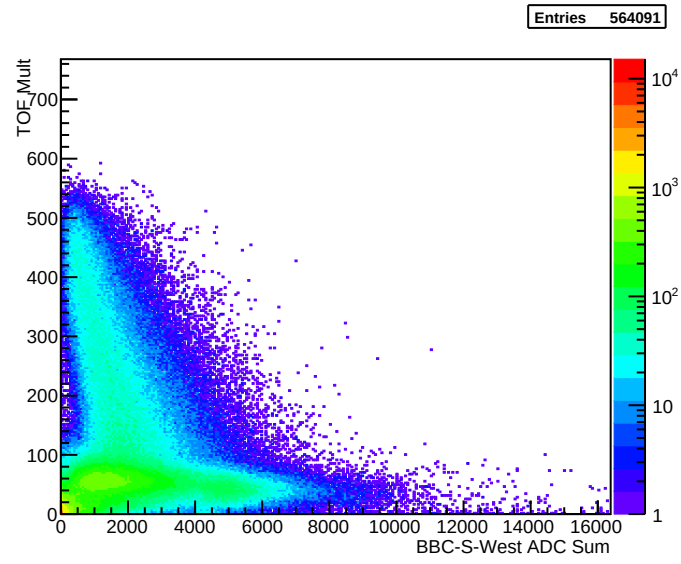

VT201 Input Ch4: VPD Tac Diff
Entries 564091
Tac

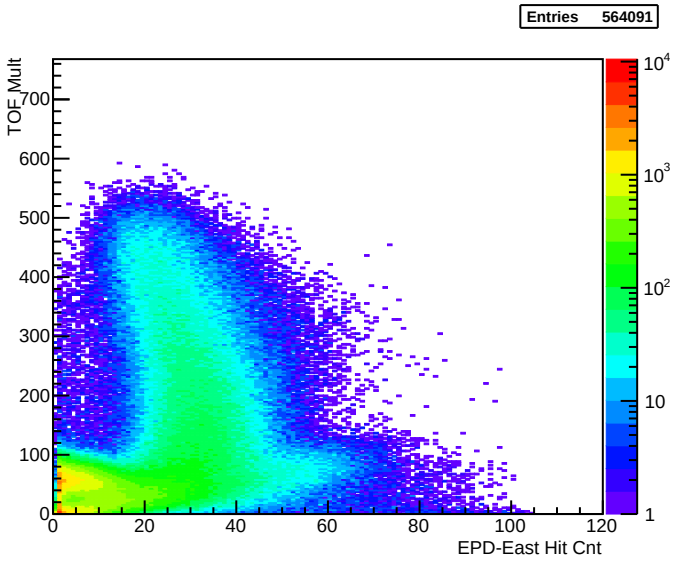

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

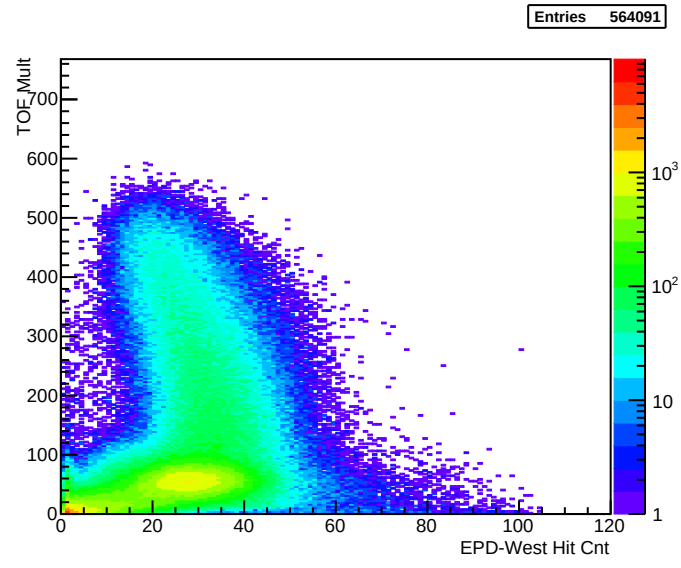

VT201 Input Ch4: VPD Adc Sum Th
Entries 1128182
301845
465264
262246
98827
East
West

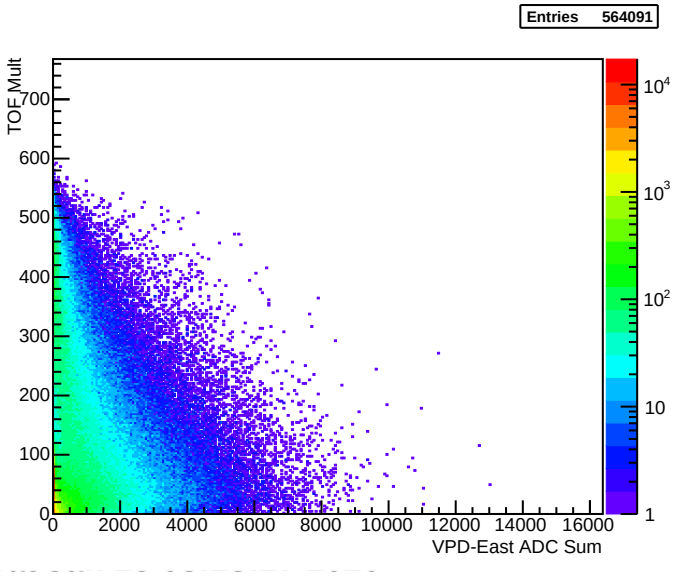

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

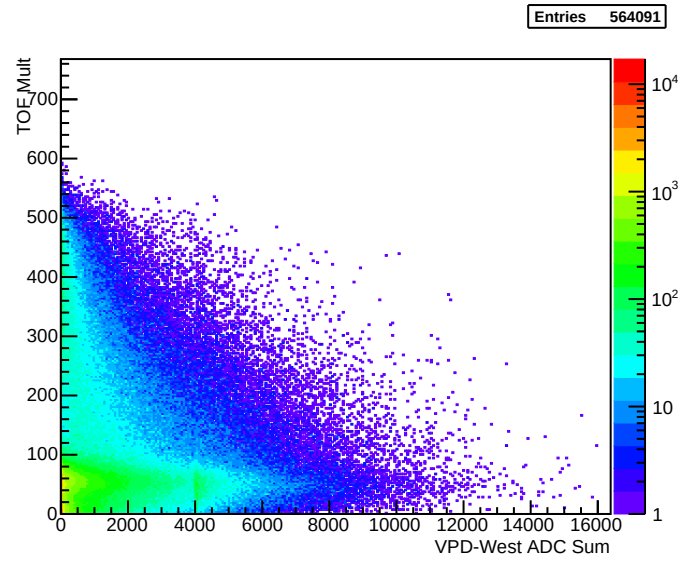

Entries 564091
TOF_Mult
BBC-S-East ADC Sum

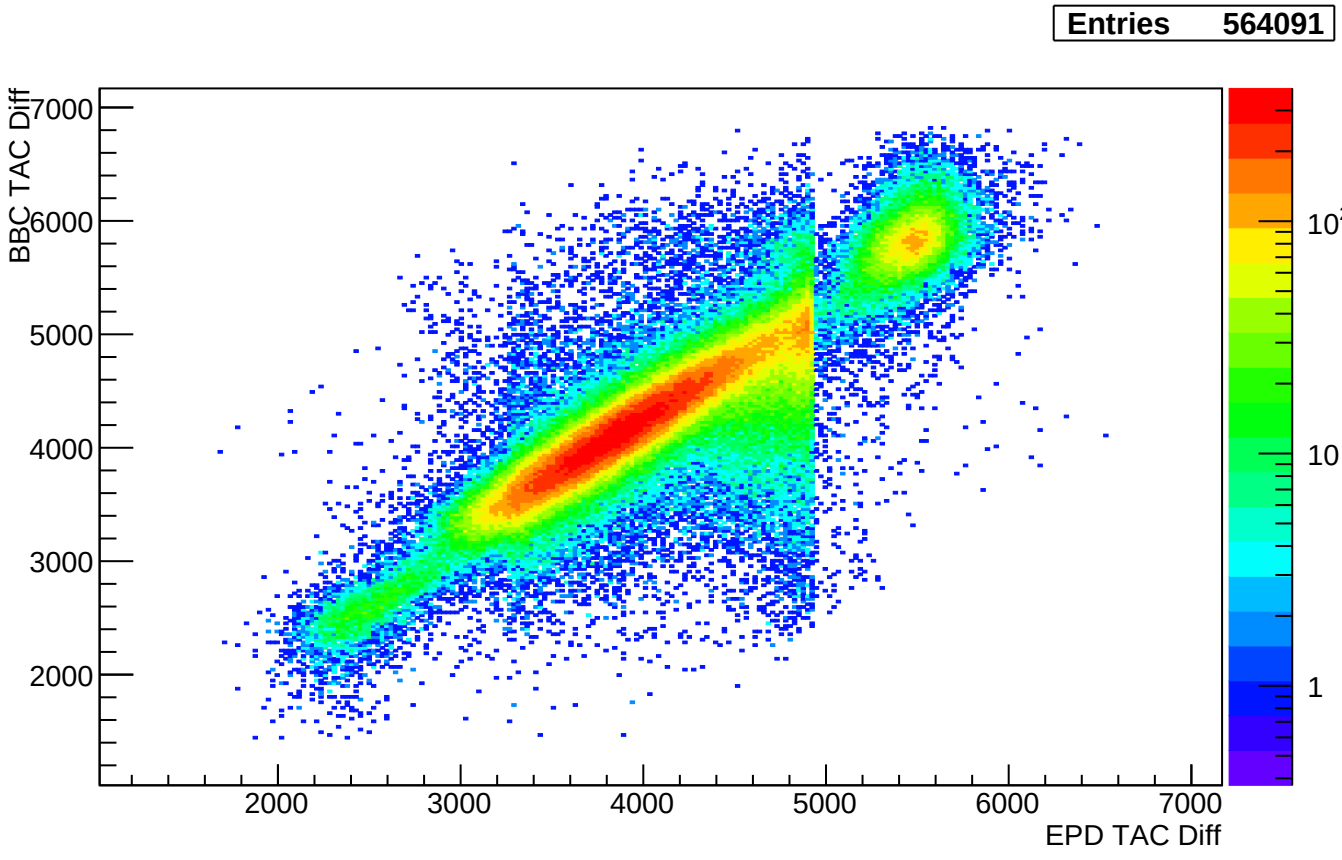

Entries 564091
TOF_Mult
BBC-S-West ADC Sum

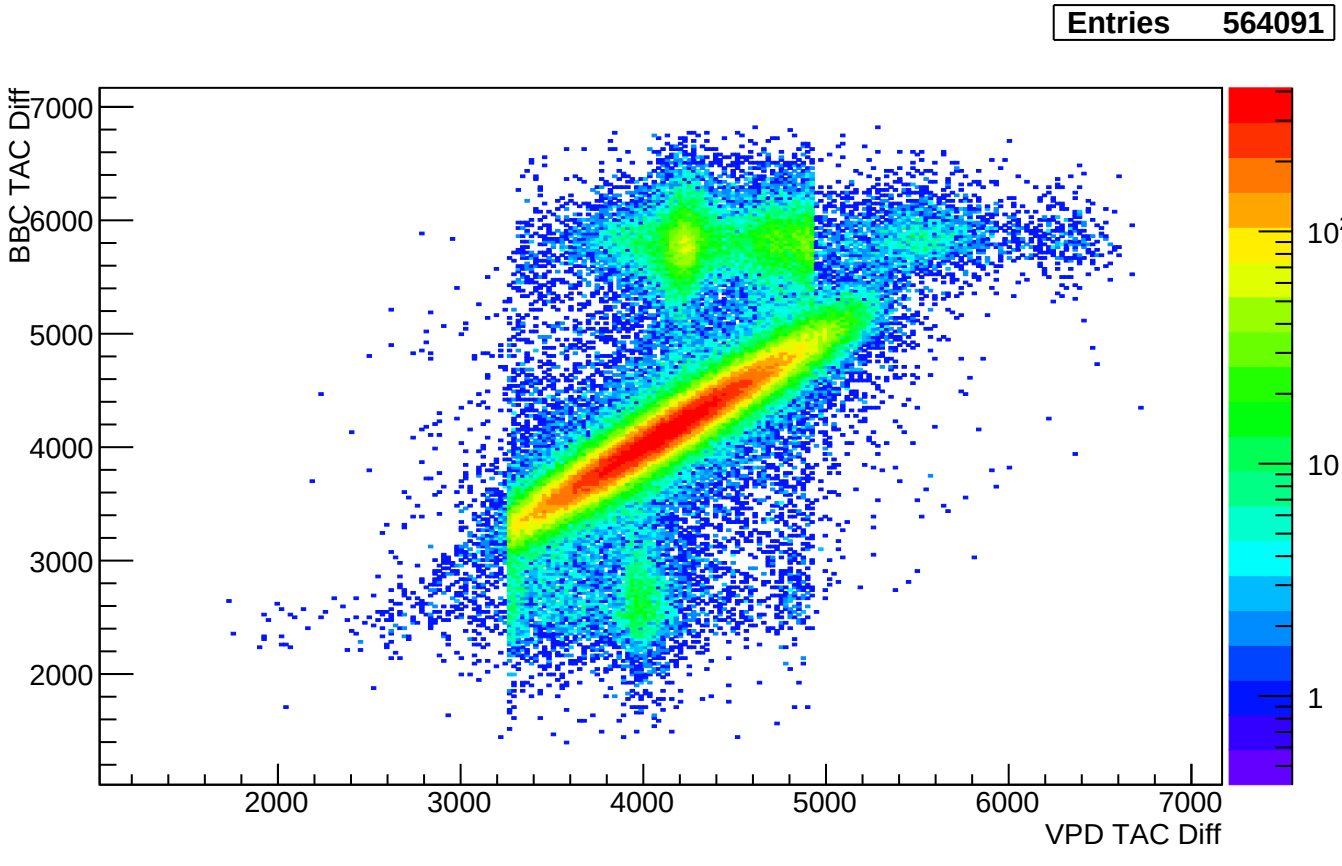

Entries 564091
TOF_Mult
EPD-East Hit Cnt

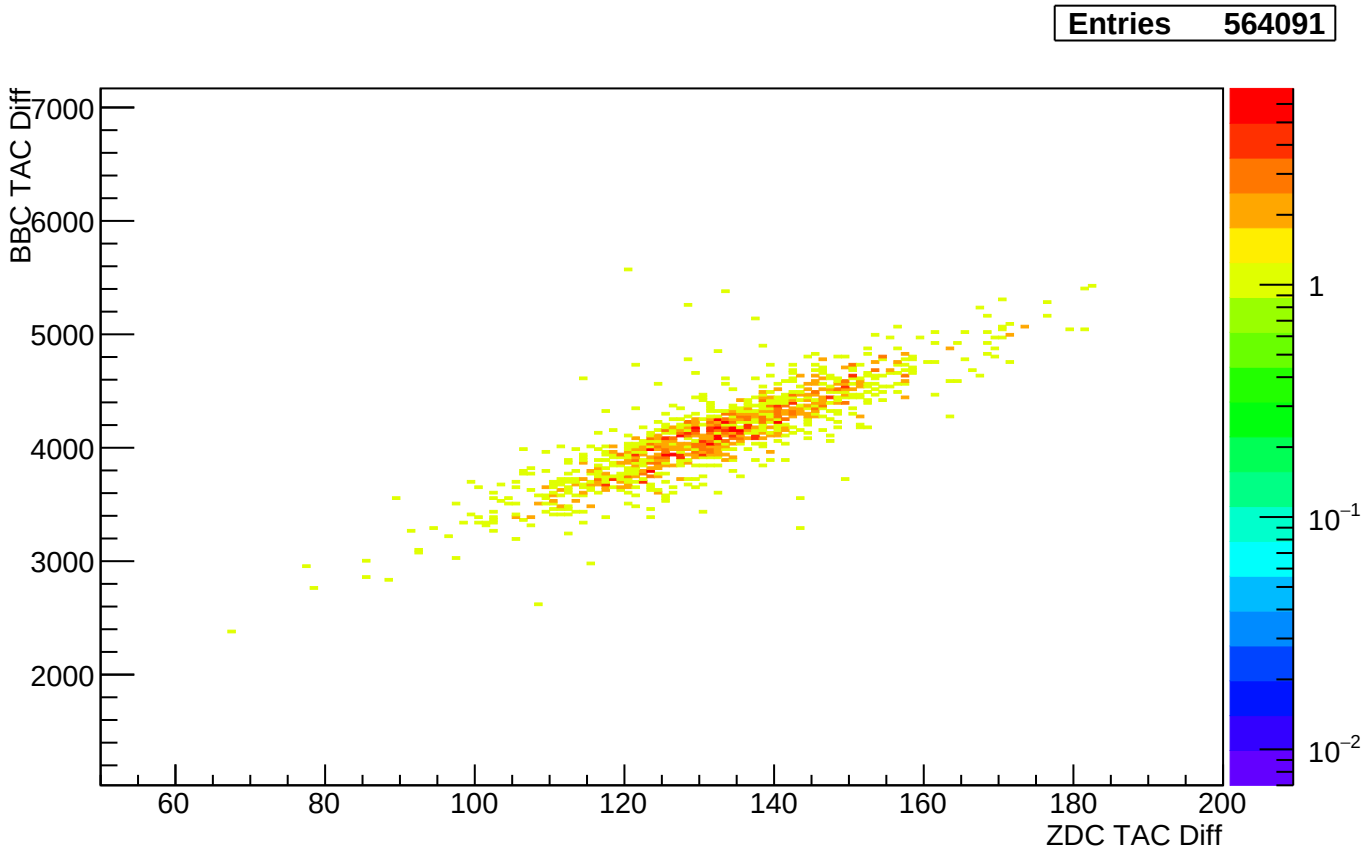

Entries 564091
TOF_Mult
EPD-West Hit Cnt

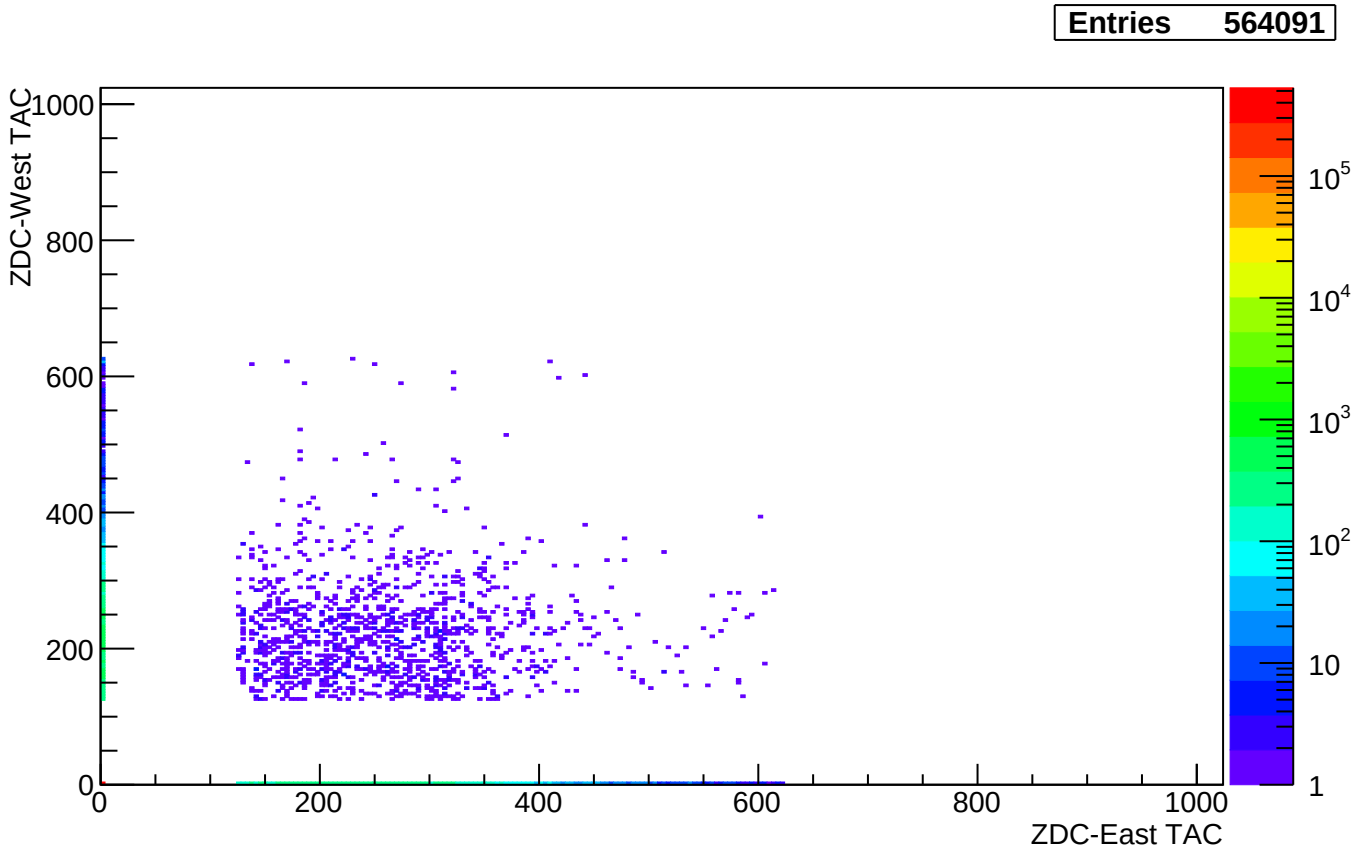

Entries 564091
TOF_Mult
VPD-East ADC Sum

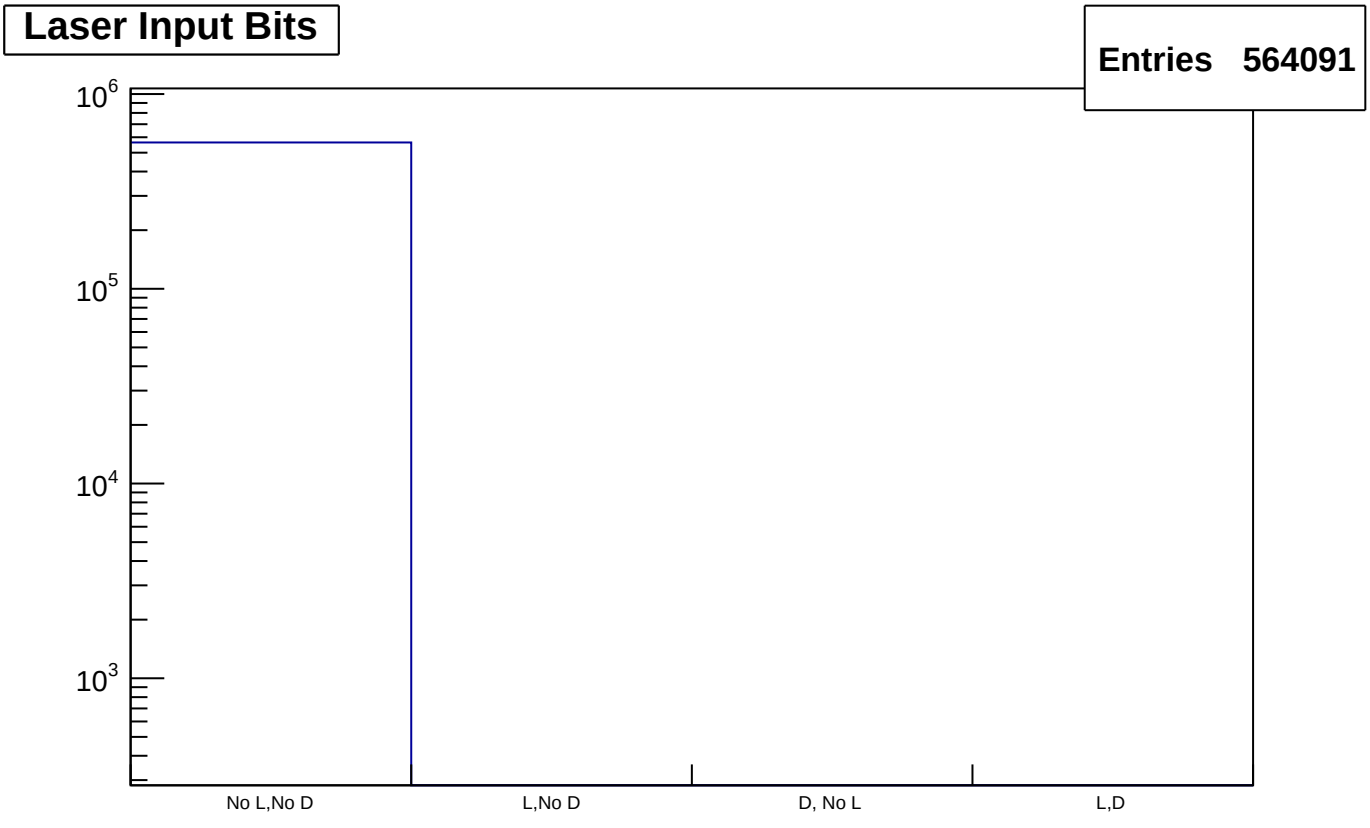

Entries 564091
TOF_Mult
VPD-West ADC Sum

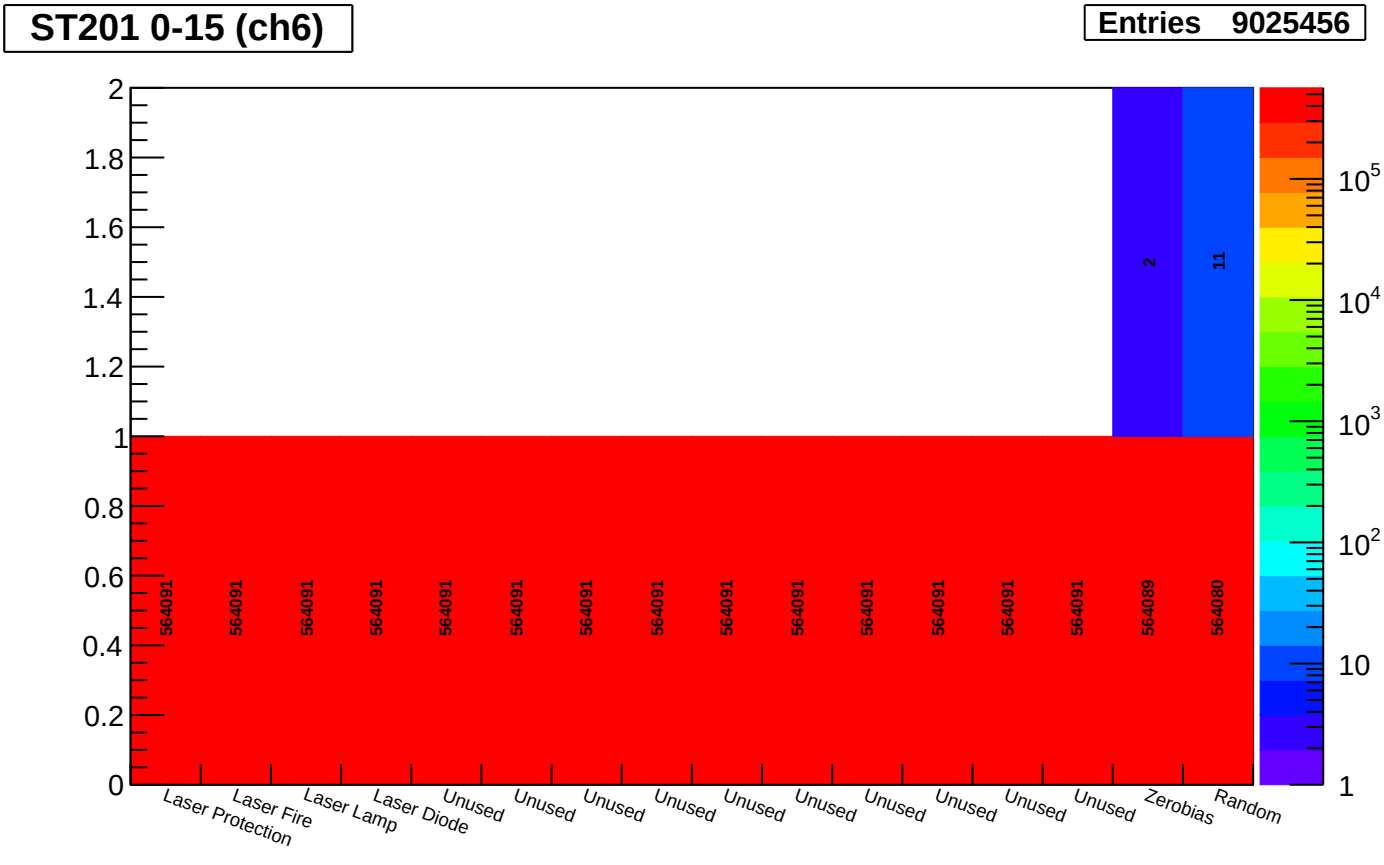

Entries 564091
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

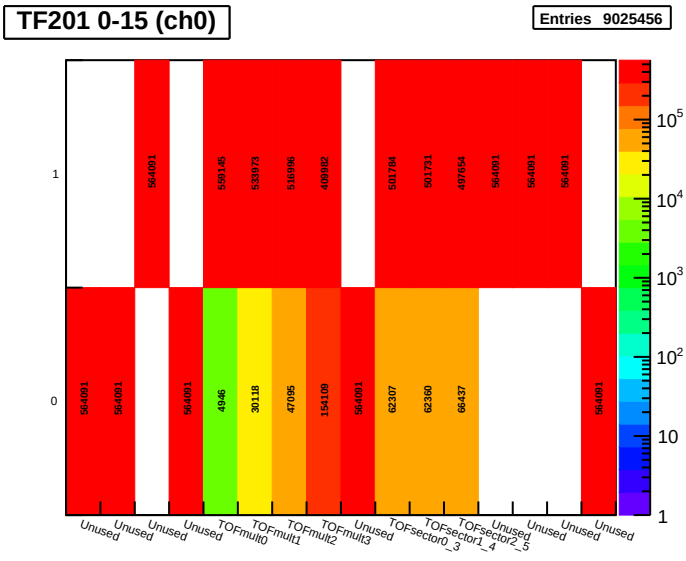

Entries 564091
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1


Entries 564091
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 564091
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 564091
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 9025456
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
564091
564091
564091
564091
564091
564091
564091
564091
564091
564091
564091
564091
564091
564091
564089
564080
2
11
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)
Entries 9025456
1
0
564091
564091
564091