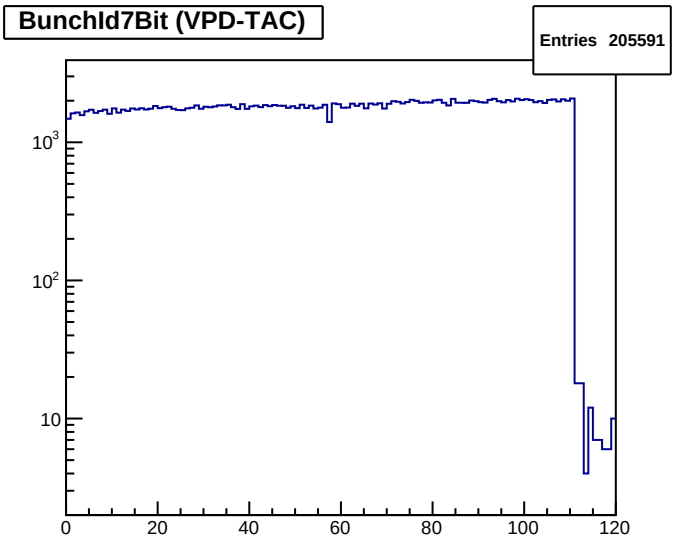
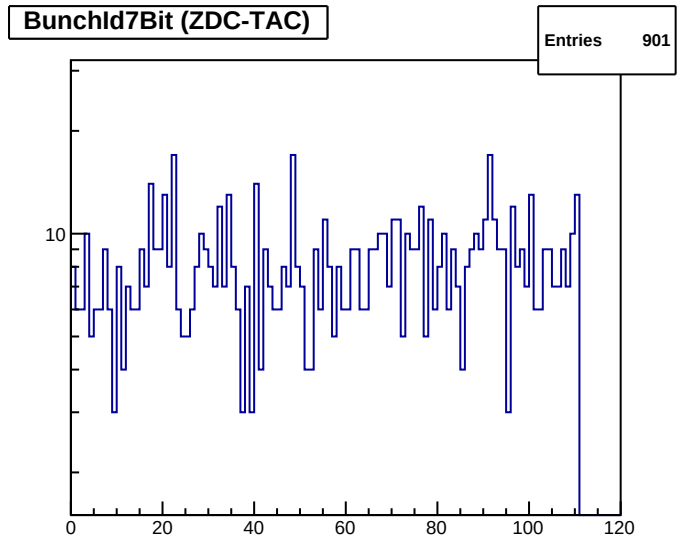
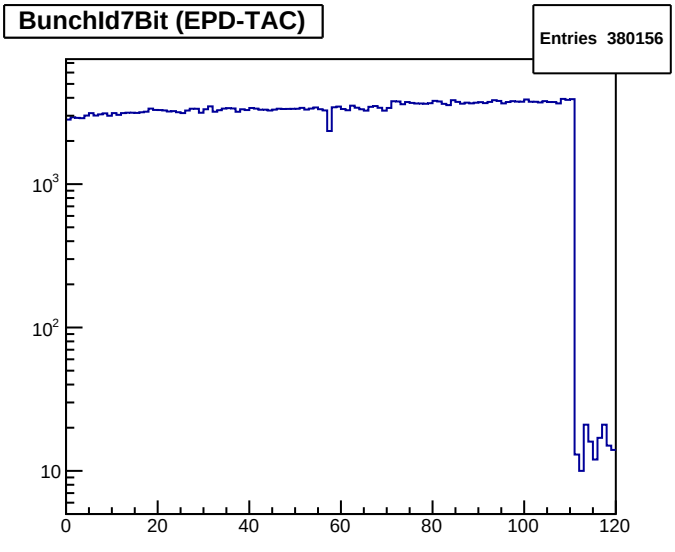
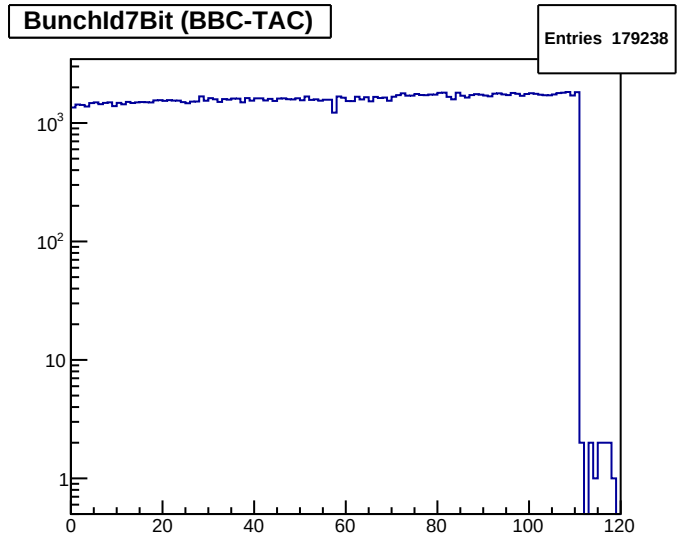
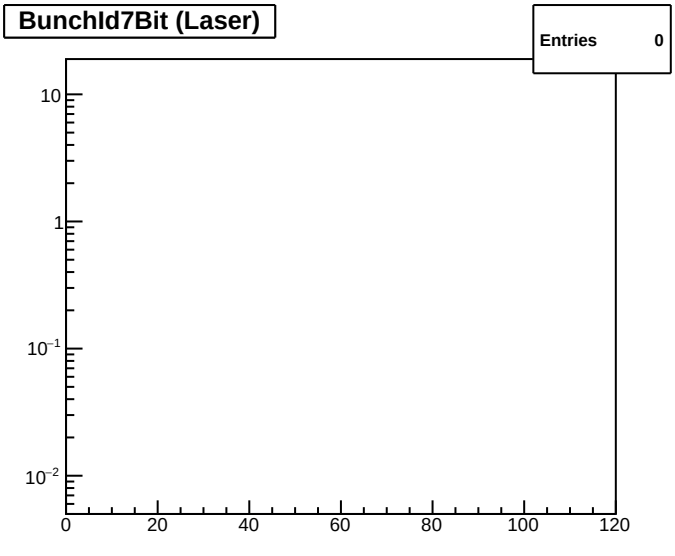
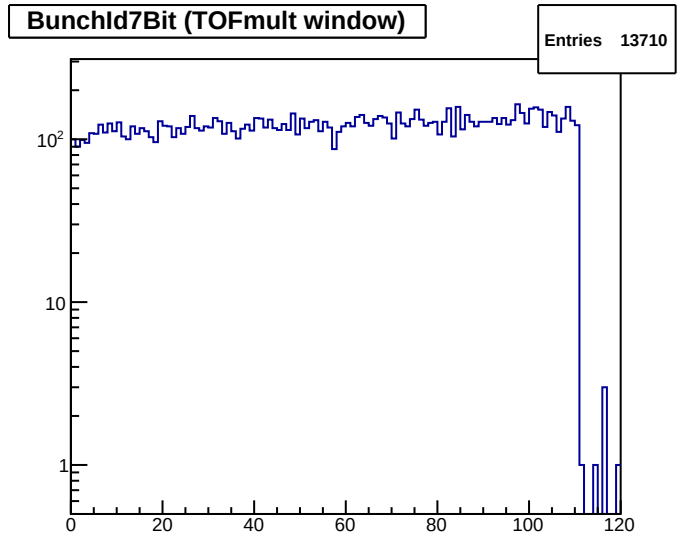

BunchId7Bit (VPD-TAC)
Entries 205591

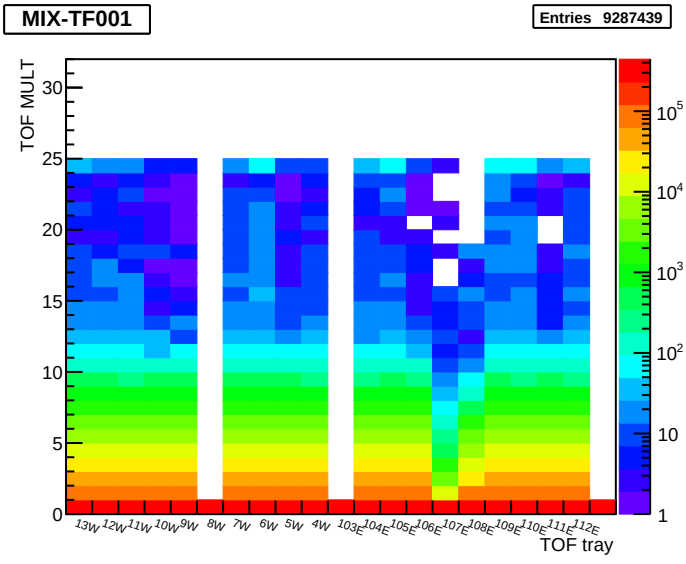

BunchId7Bit (ZDC-TAC)
Entries 901

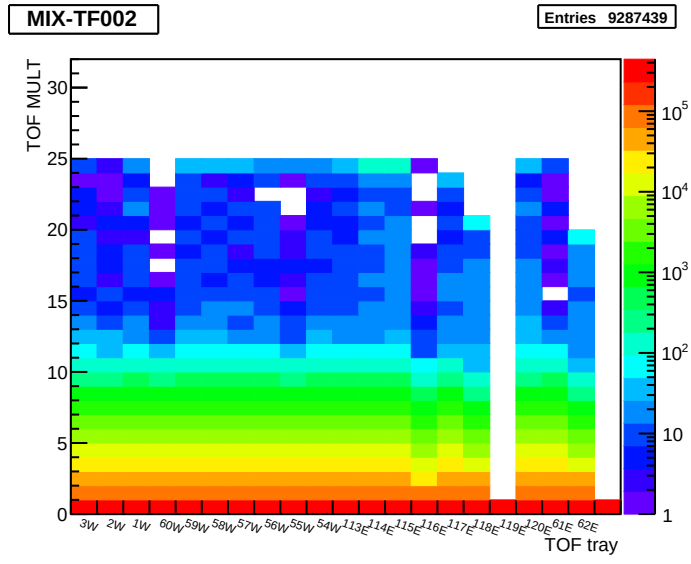

BunchId7Bit (EPD-TAC)
Entries 380156

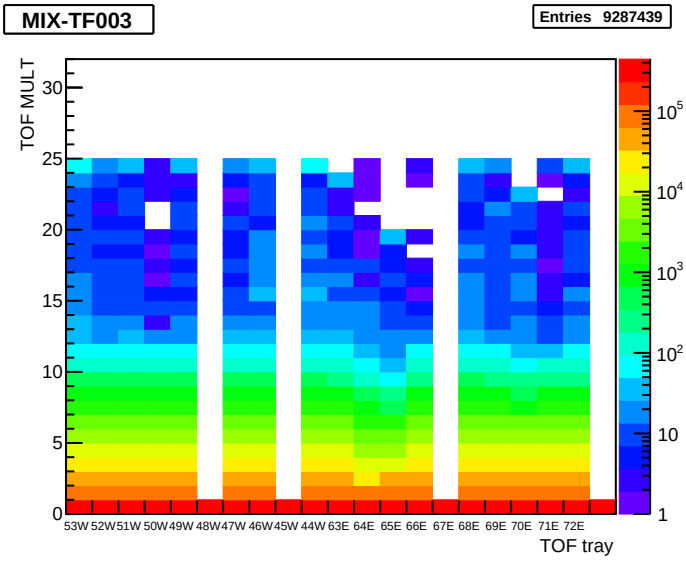

BunchId7Bit (BBC-TAC)
Entries 179238

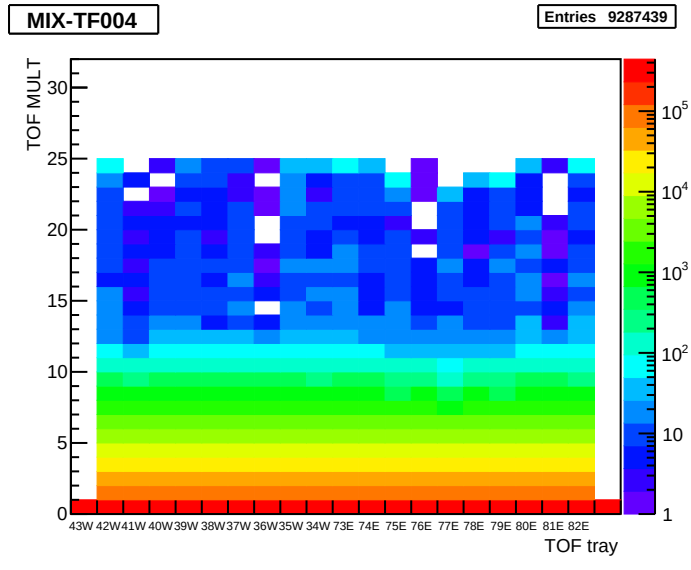

BunchId7Bit (Laser)
Entries 0

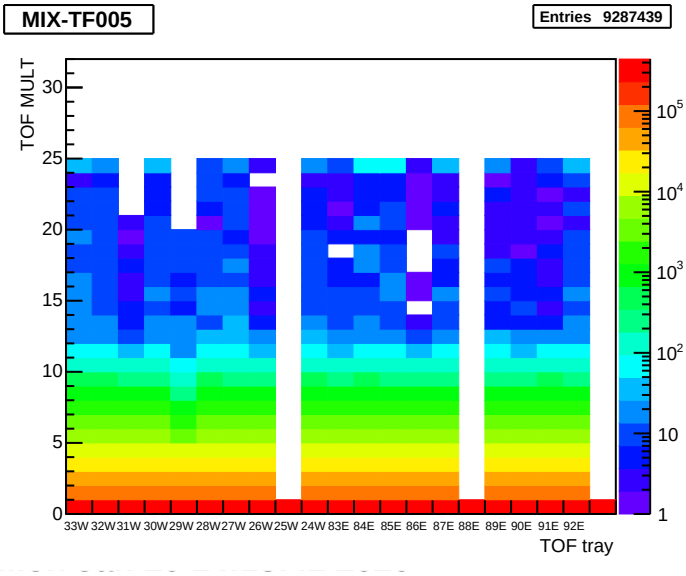

BunchId7Bit (TOFmult window)
Entries 13710

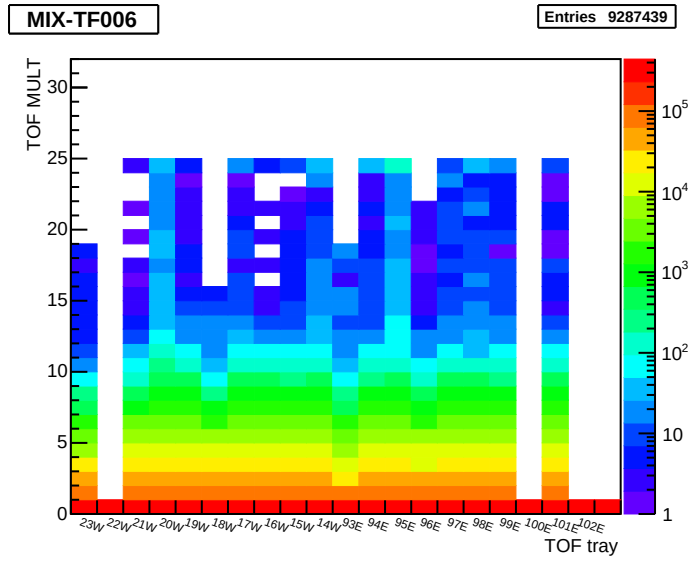

MIX-TF001
Entries 9287439
TOF MULT
TOF tray

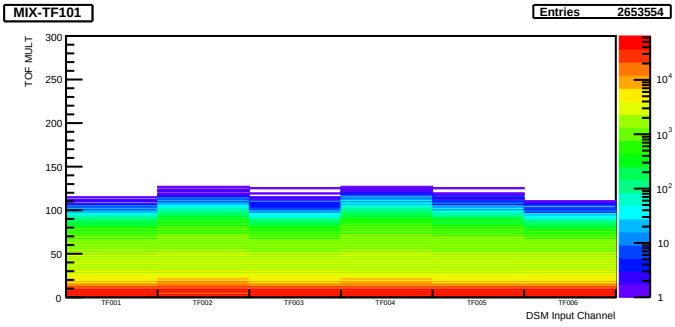

MIX-TF002
Entries 9287439
TOF MULT
TOF tray

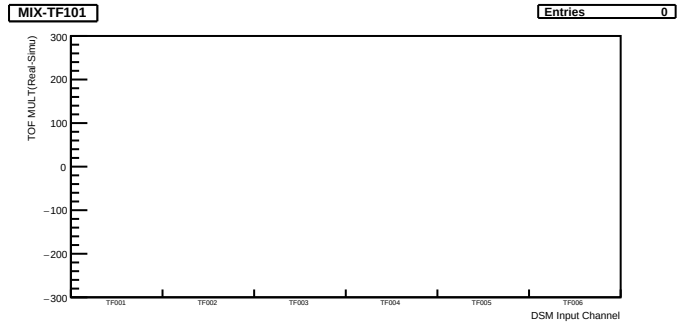

MIX-TF003
Entries 9287439
TOF MULT
TOF tray

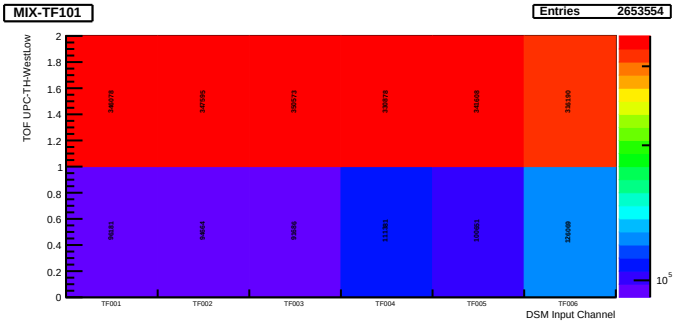

MIX-TF004
Entries 9287439
TOF MULT
TOF tray

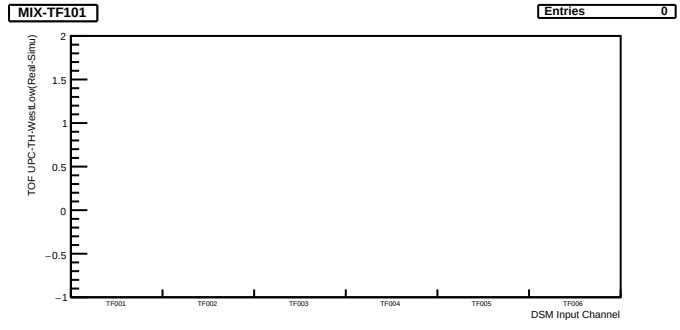

MIX-TF005
Entries 9287439
TOF MULT
TOF tray

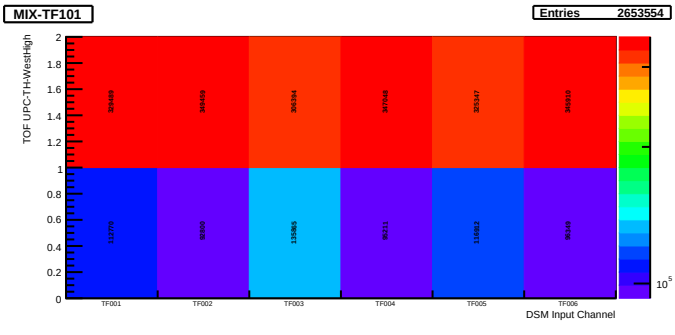

MIX-TF006
Entries 9287439
TOF MULT
TOF tray

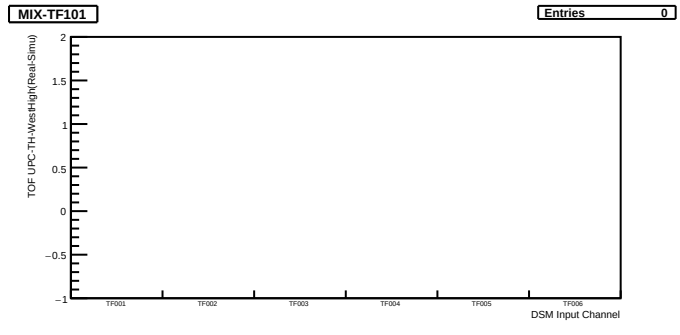

MIX-TF101
Entries 2653554
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

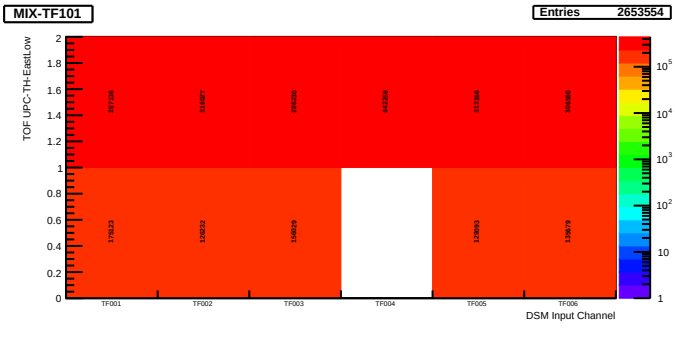

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

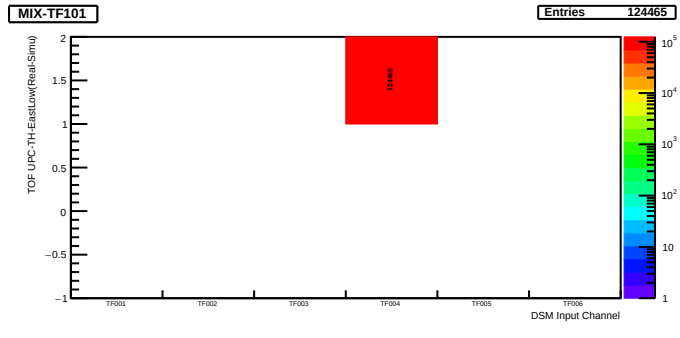

MIX-TF101
Entries 2653554
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

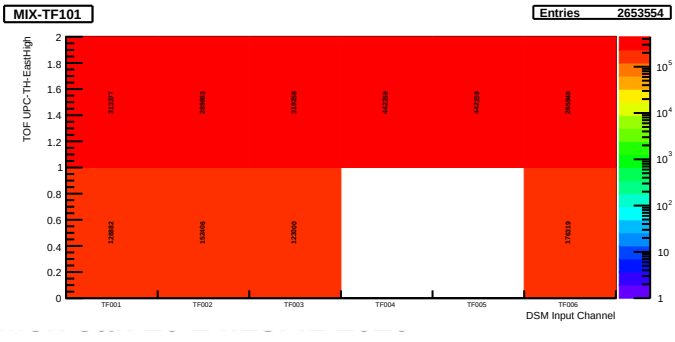

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

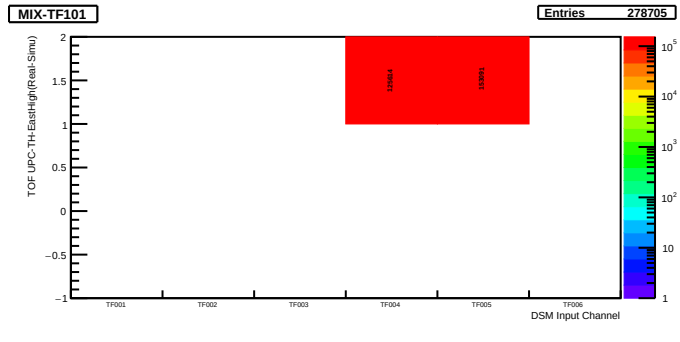

MIX-TF101
Entries 2653554
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

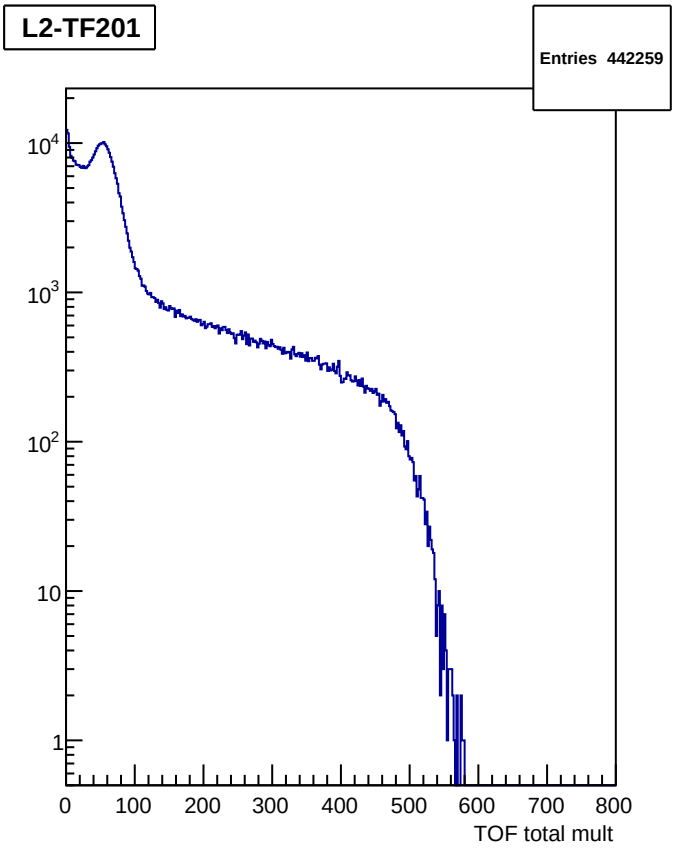

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

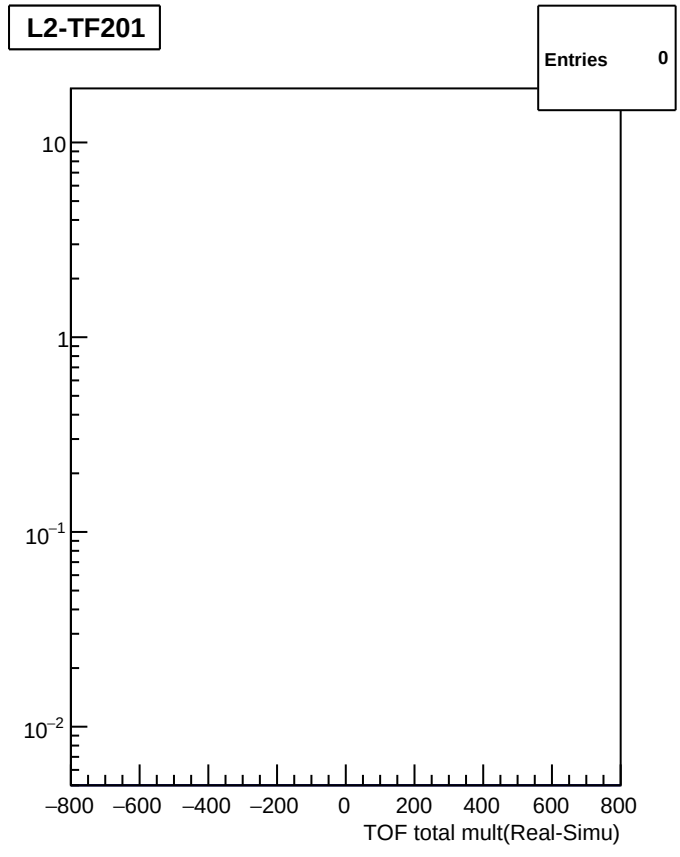

MIX-TF101
Entries 2653554
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

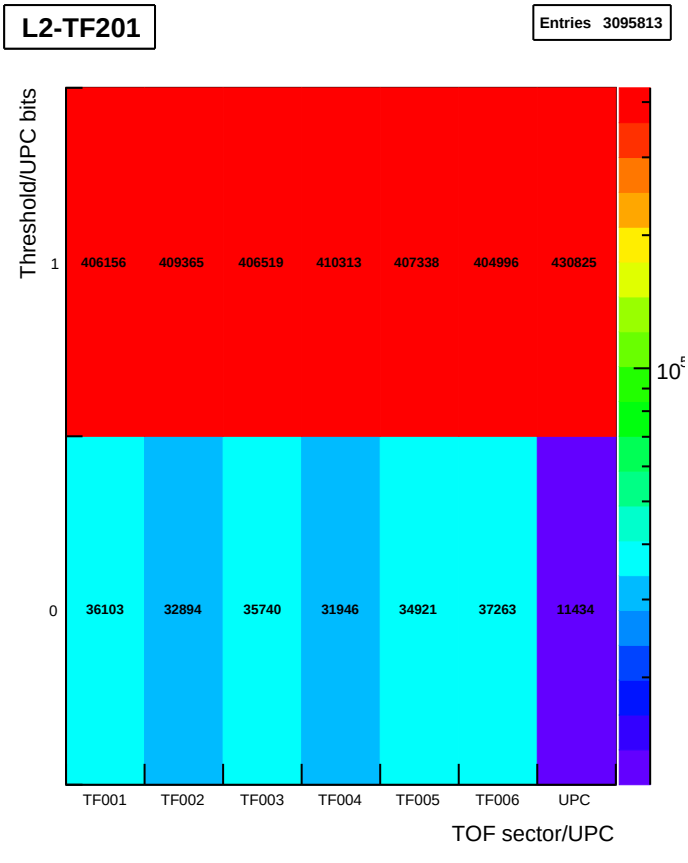

MIX-TF101
Entries 124465
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

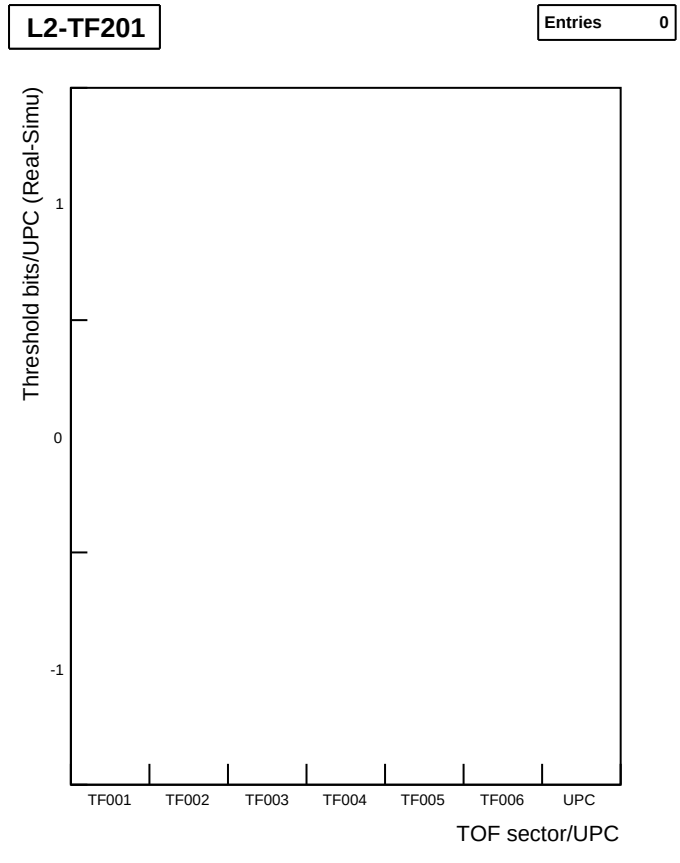

MIX-TF101
Entries 2653554
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

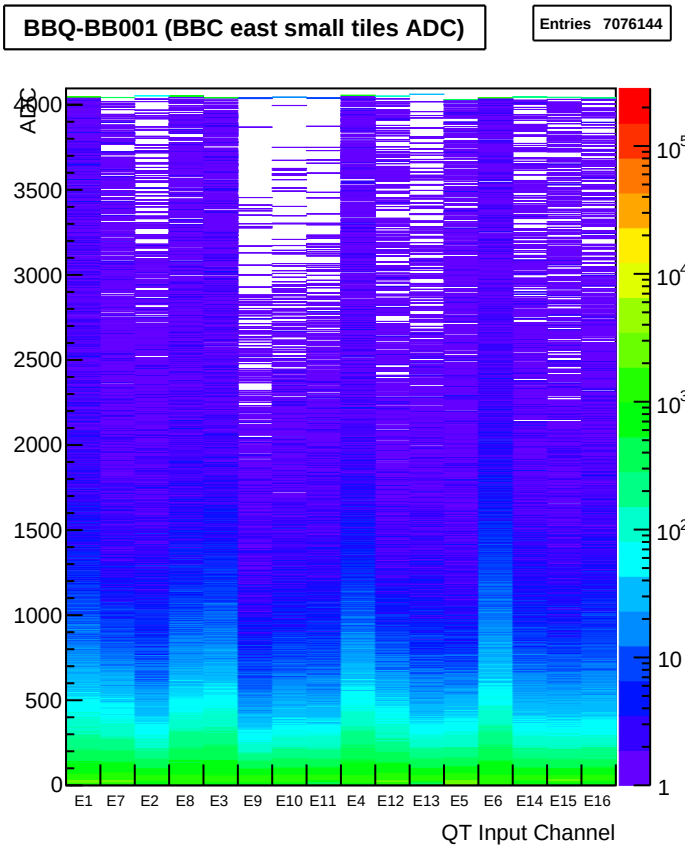

MIX-TF101
Entries 278705
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

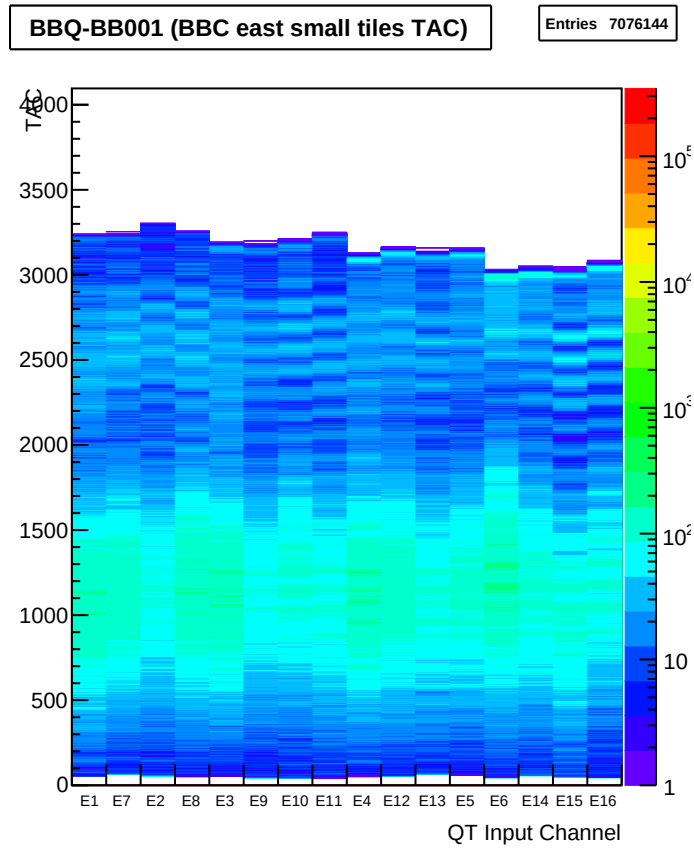

L2-TF201
Entries 442259
TOF total mult

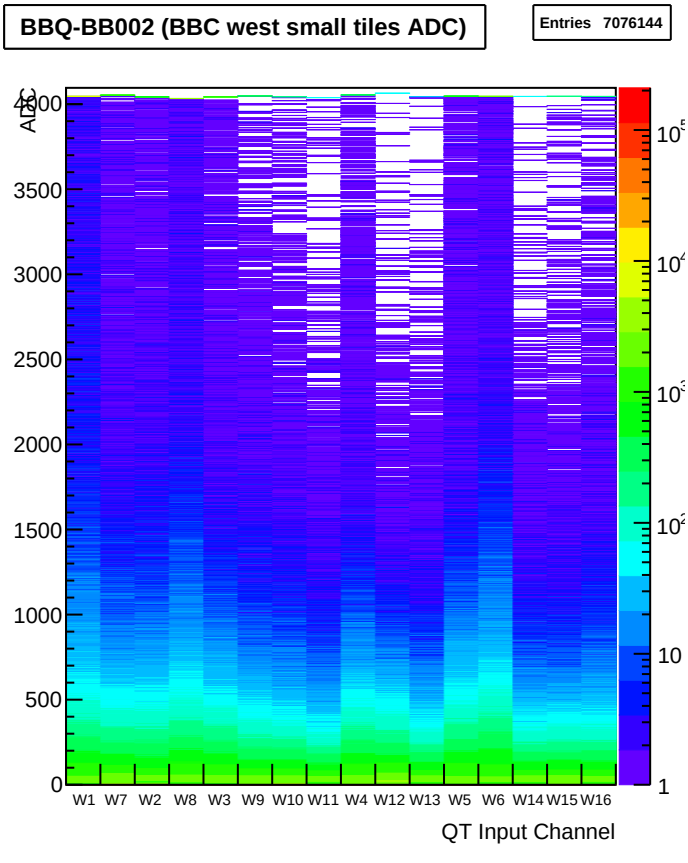

L2-TF201
Entries 0
TOF total mult(Real-Simu)

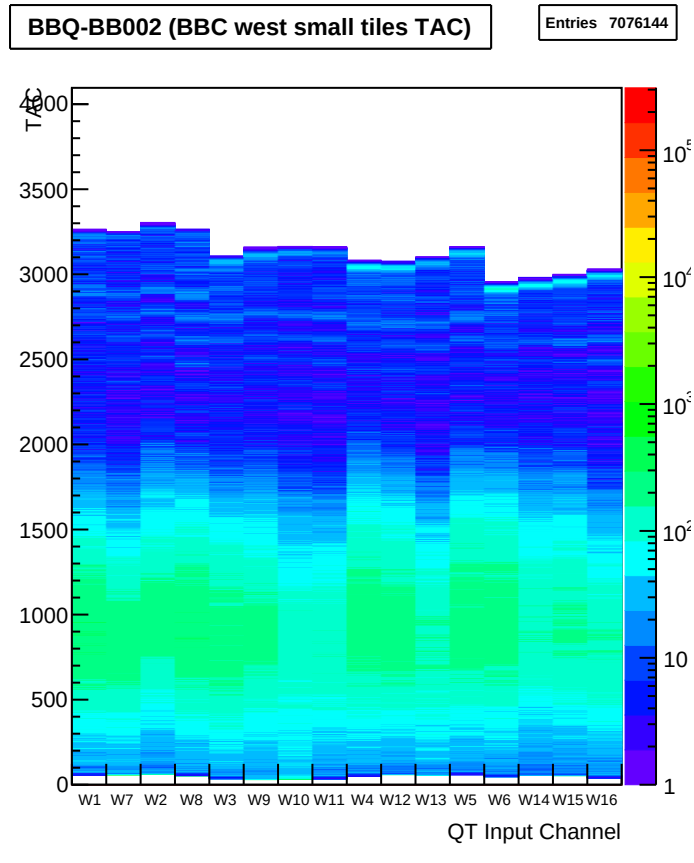

L2-TF201
Entries 3095813
Threshold/UPC bits
406156
409365
406519
410313
407338
404996
430825
36103
32894
35740
31946
34921
37263
11434
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

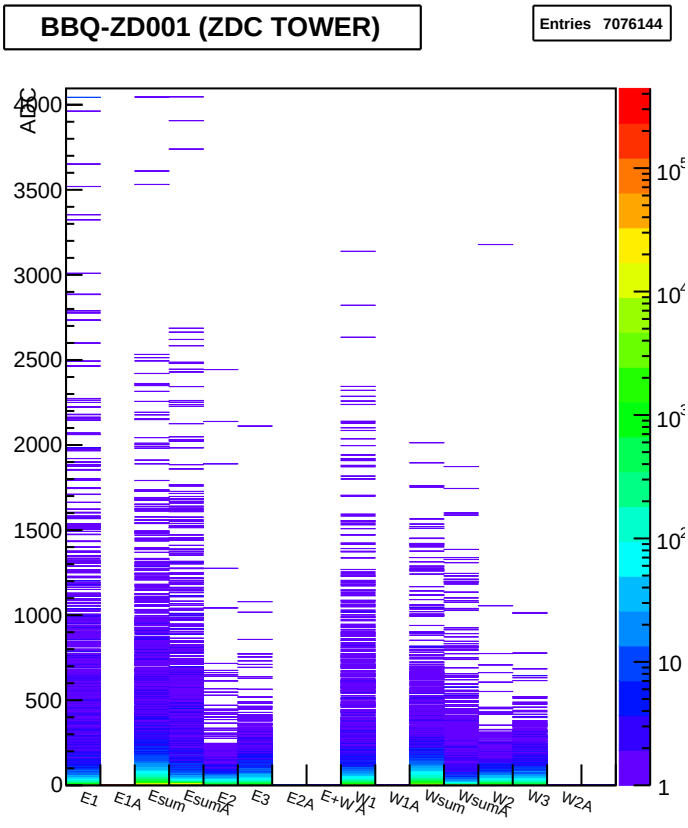

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

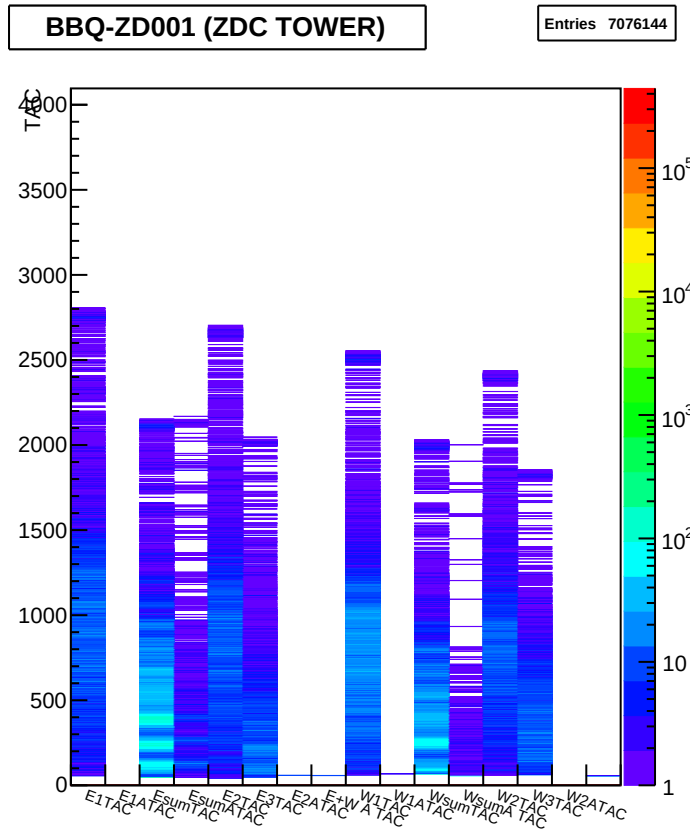

BBQ-BB001 (BBC east small tiles ADC)
Entries 7076144
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

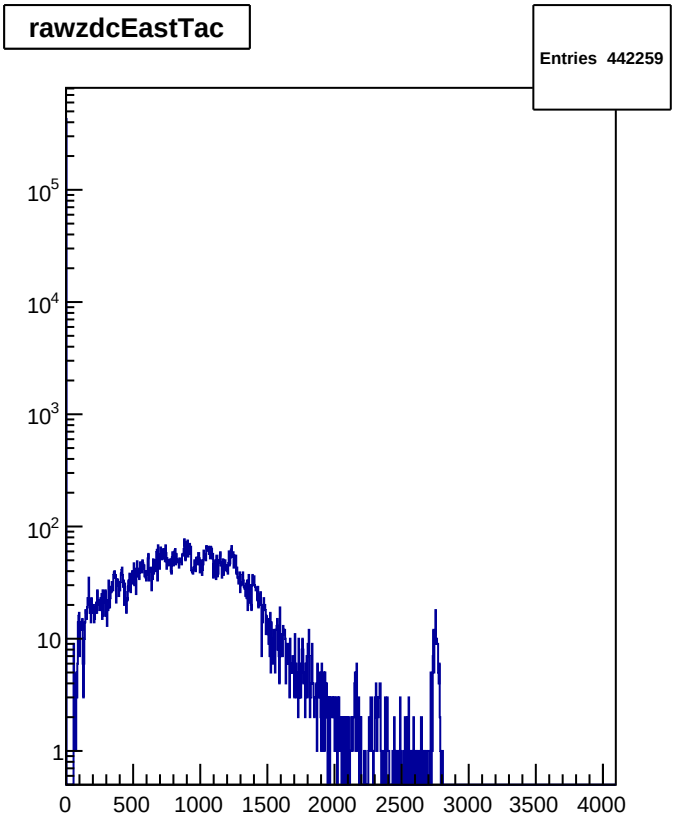

BBQ-BB001 (BBC east small tiles TAC)
Entries 7076144
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

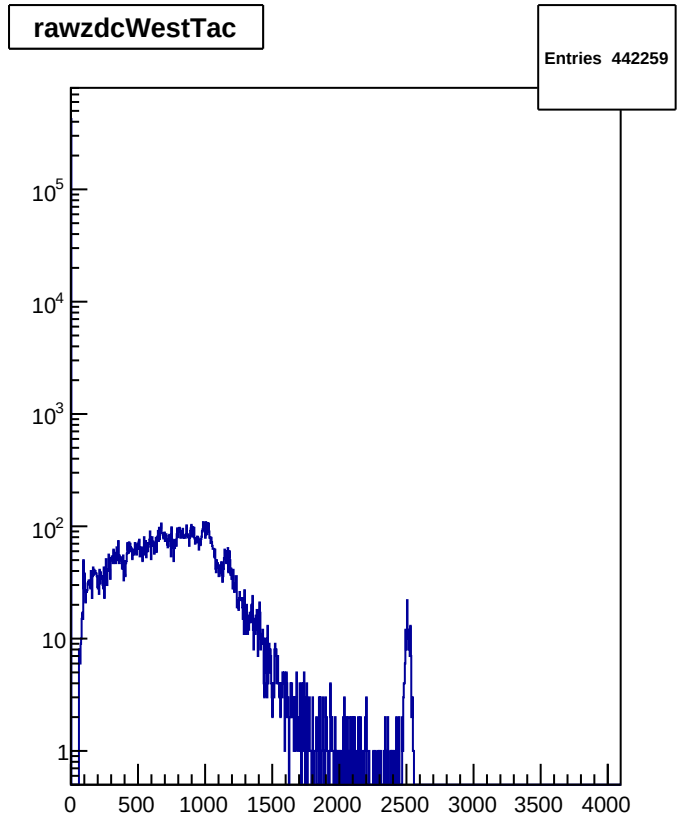

BBQ-BB002 (BBC west small tiles ADC)
Entries 7076144
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

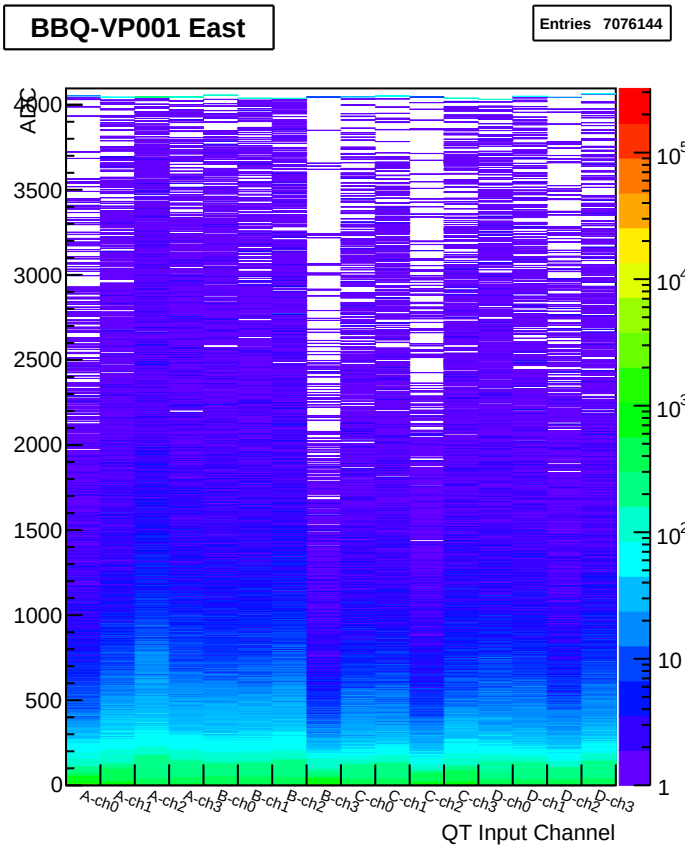

BBQ-BB002 (BBC west small tiles TAC)
Entries 7076144
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

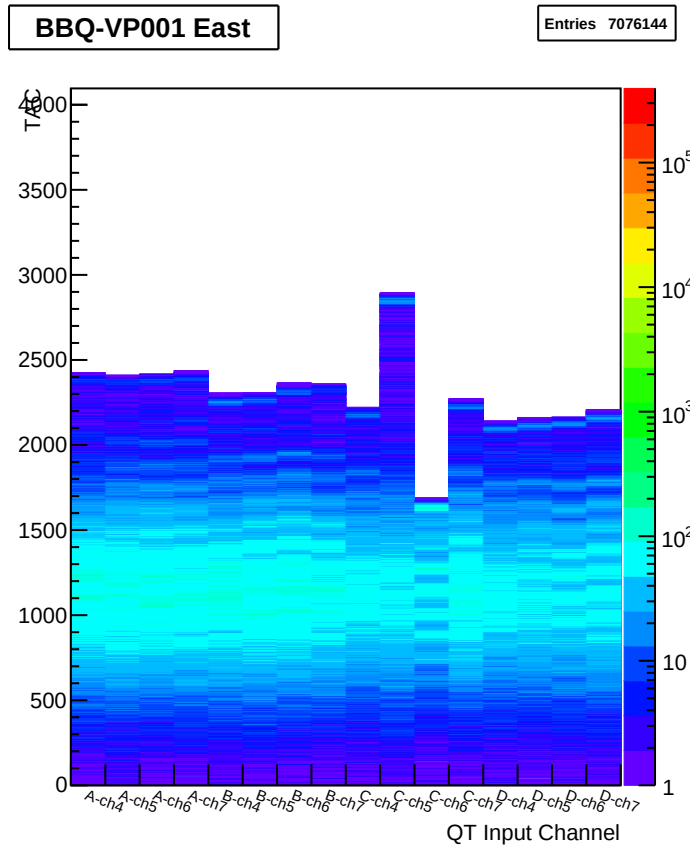

BBQ-ZD001 (ZDC TOWER)
Entries 7076144
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

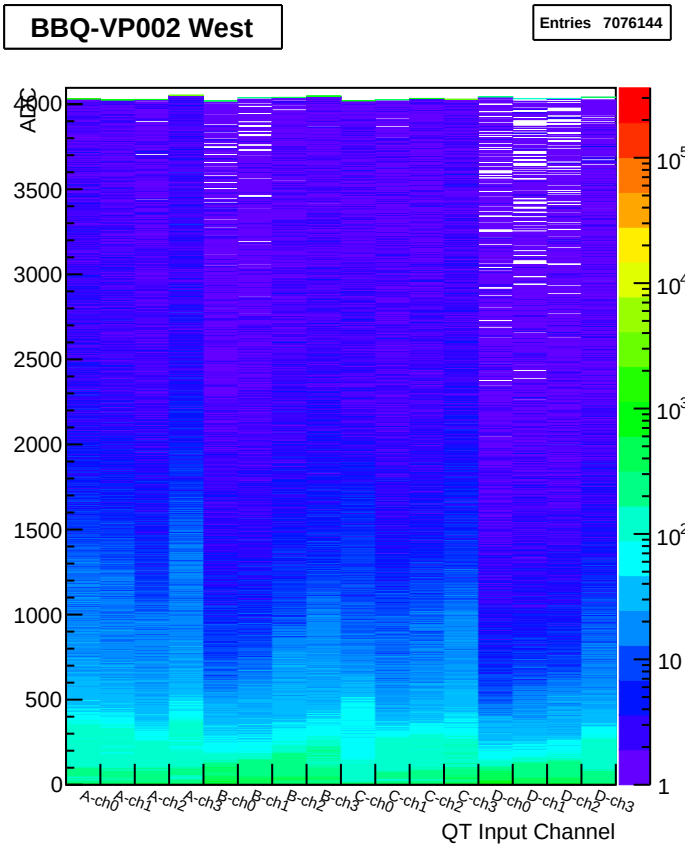

BBQ-ZD001 (ZDC TOWER)
Entries 7076144
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

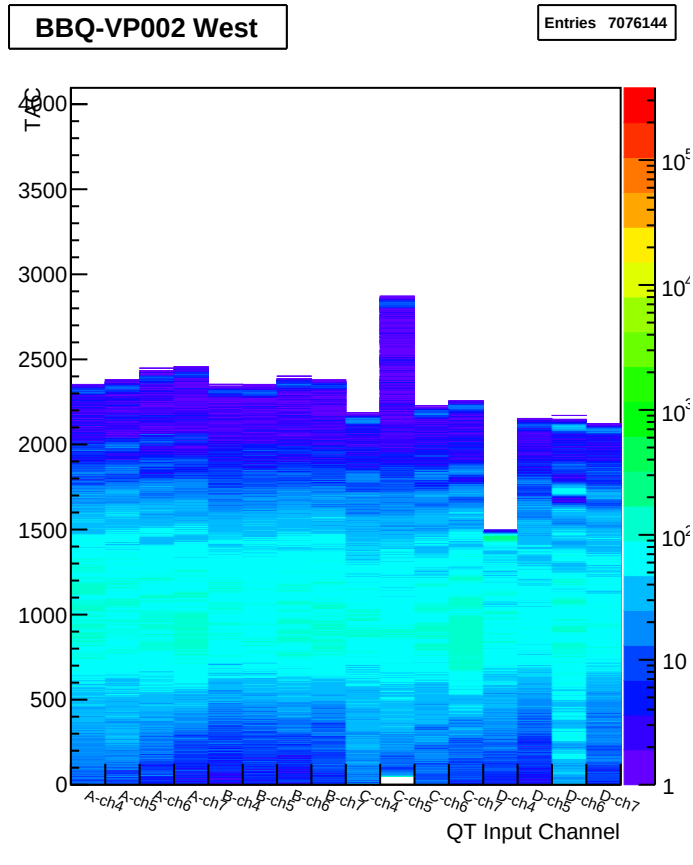

rawzdcEastTac
Entries 442259

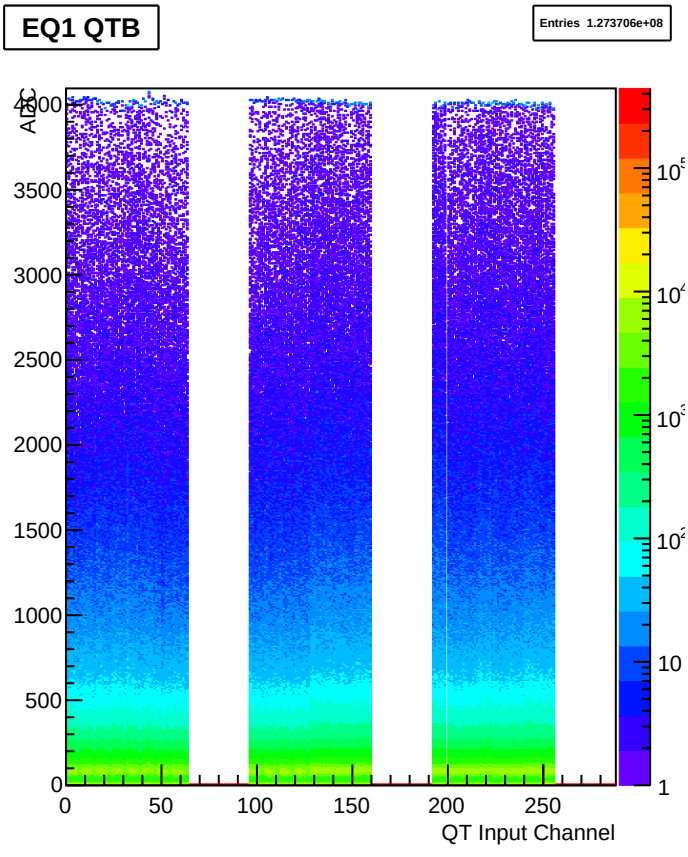

rawzdcWestTac
Entries 442259

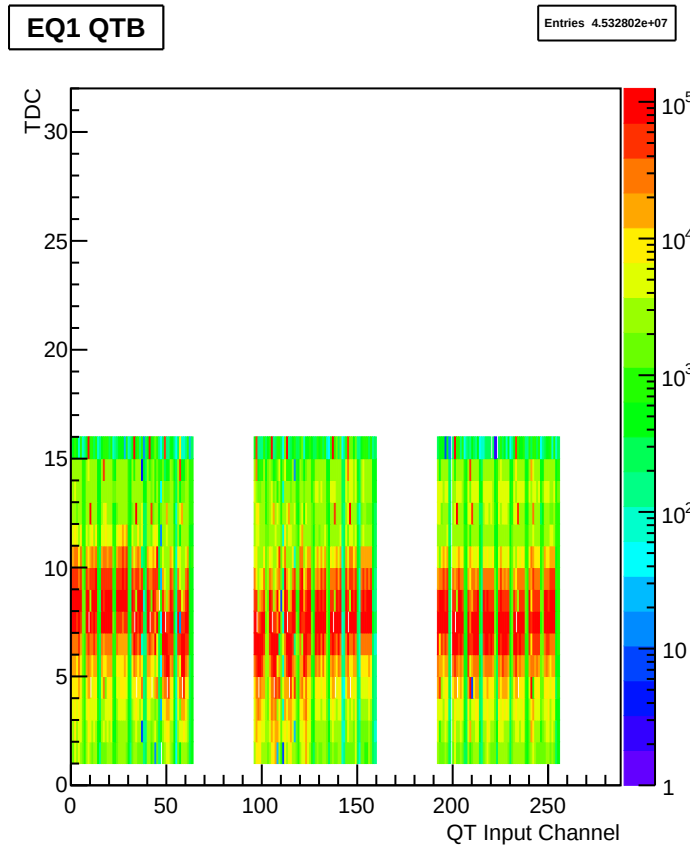

BBQ-VP001 East
Entries 7076144
ADC
QT Input Channel

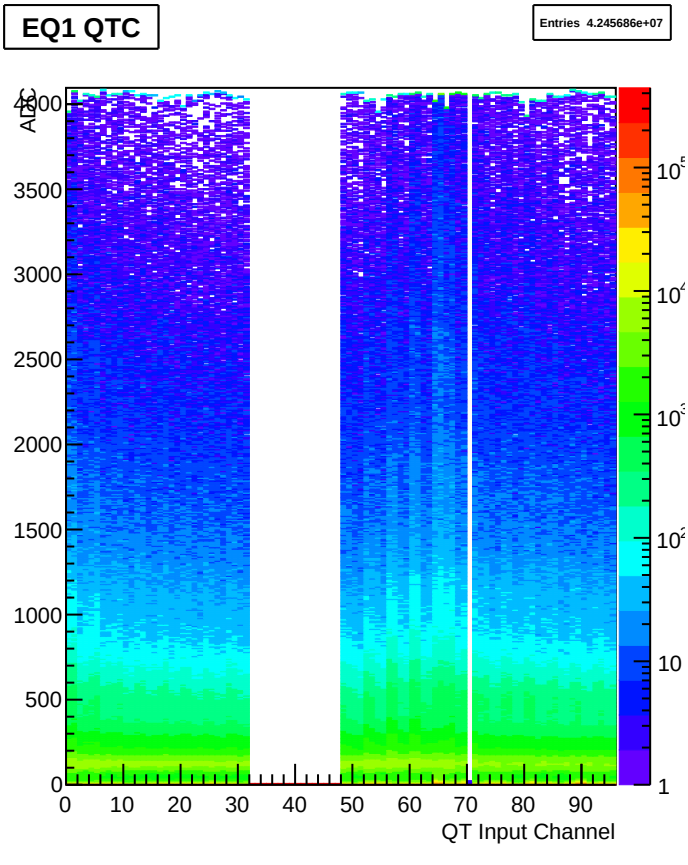

BBQ-VP001 East
Entries 7076144
TADC
QT Input Channel

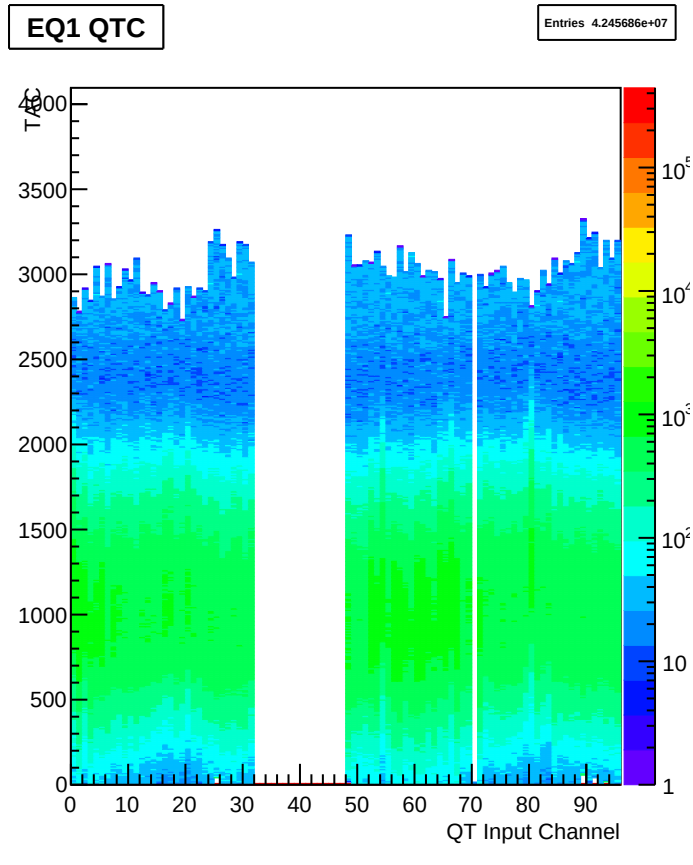

BBQ-VP002 West
Entries 7076144
ADC
QT Input Channel

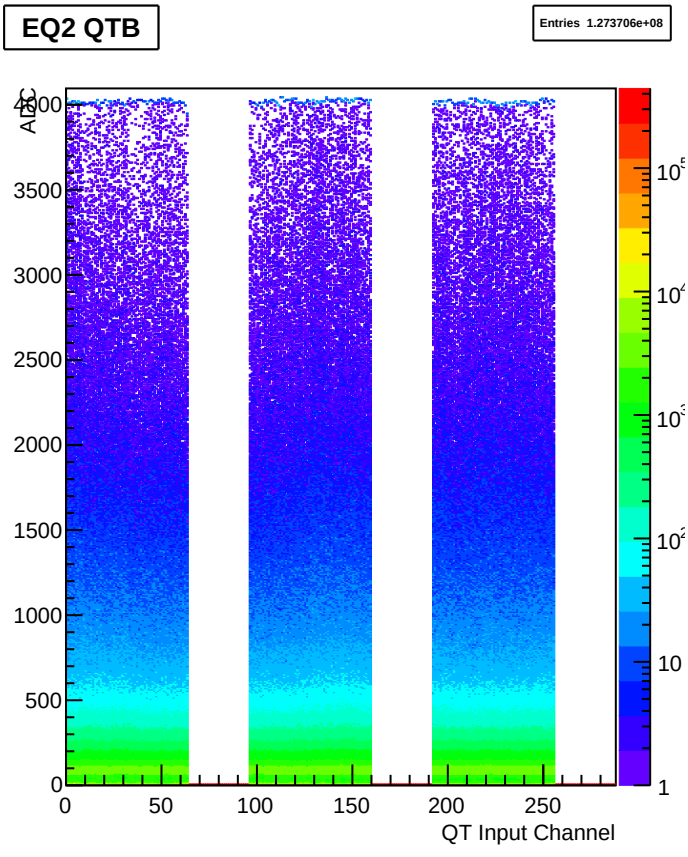

BBQ-VP002 West
Entries 7076144
TADC
QT Input Channel

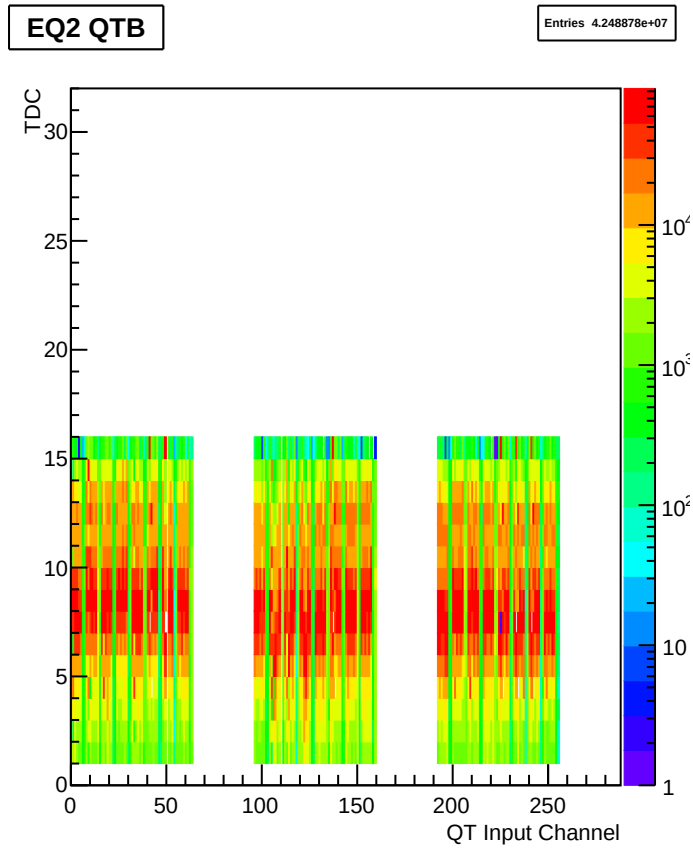

EQ1 QTB
Entries 1.273706e+08
ADC
QT Input Channel

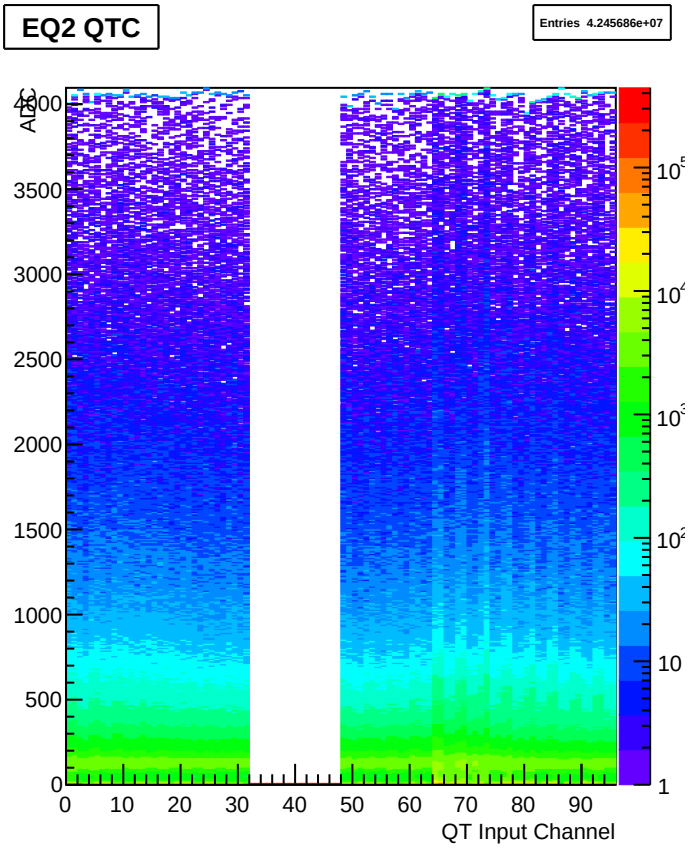

EQ1 QTB
Entries 4.532802e+07
TDC
QT Input Channel

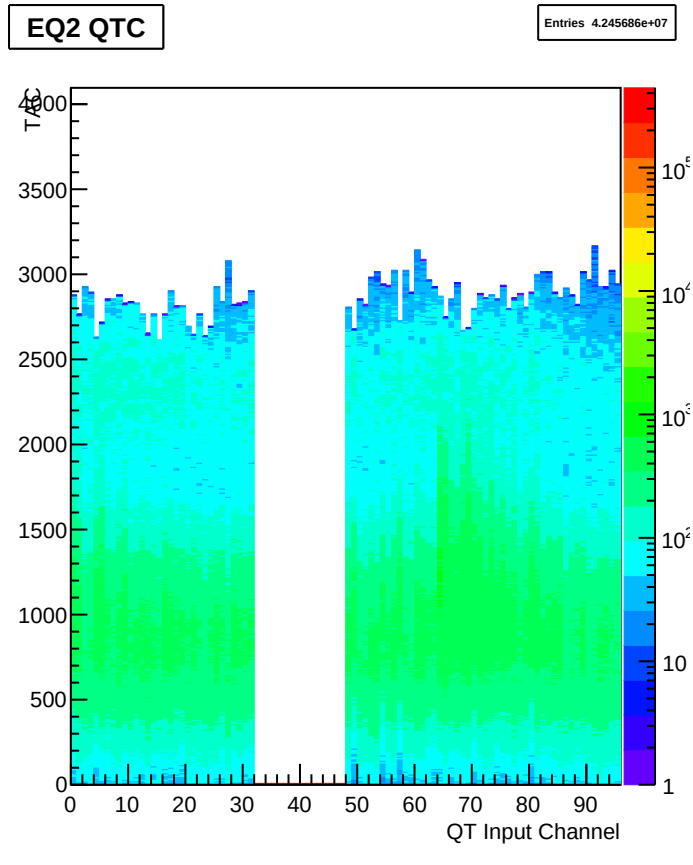

EQ1 QTC
Entries 4.245686e+07
ADC
QT Input Channel

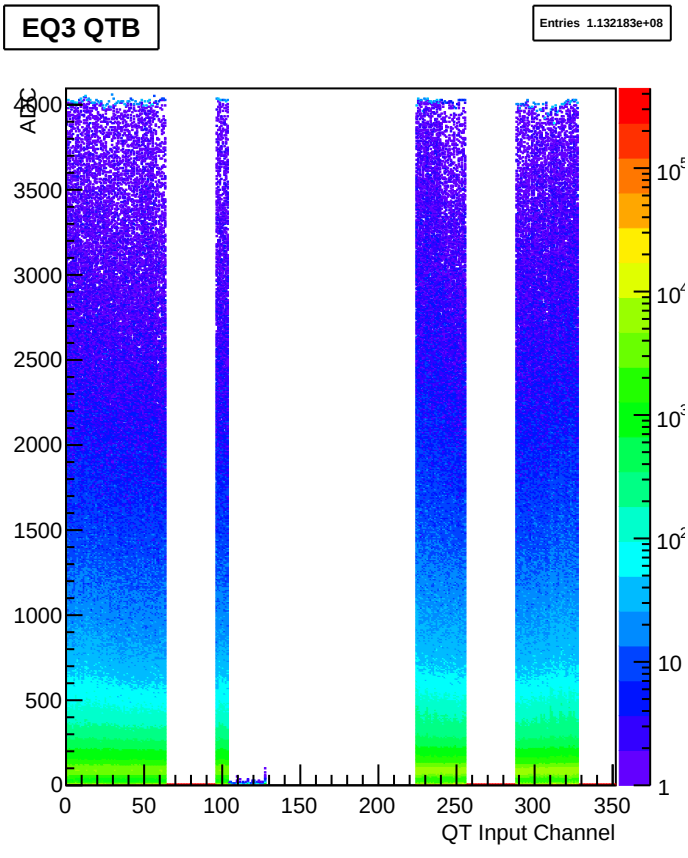

EQ1 QTC
Entries 4.245686e+07
TADC
QT Input Channel

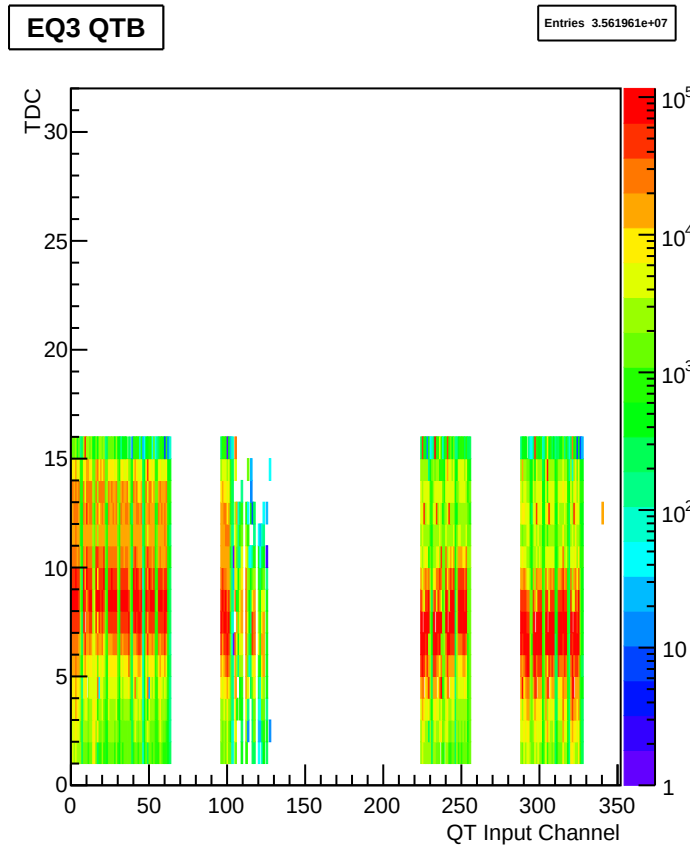

EQ2 QTB
Entries 1.273706e+08
ADC
QT Input Channel

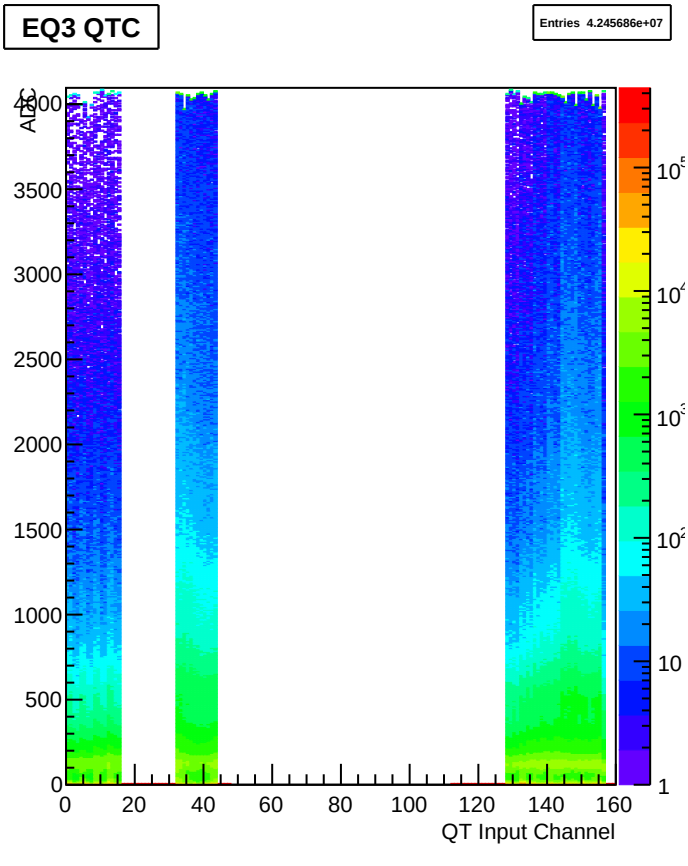

EQ2 QTB
Entries 4.248878e+07
TDC
QT Input Channel

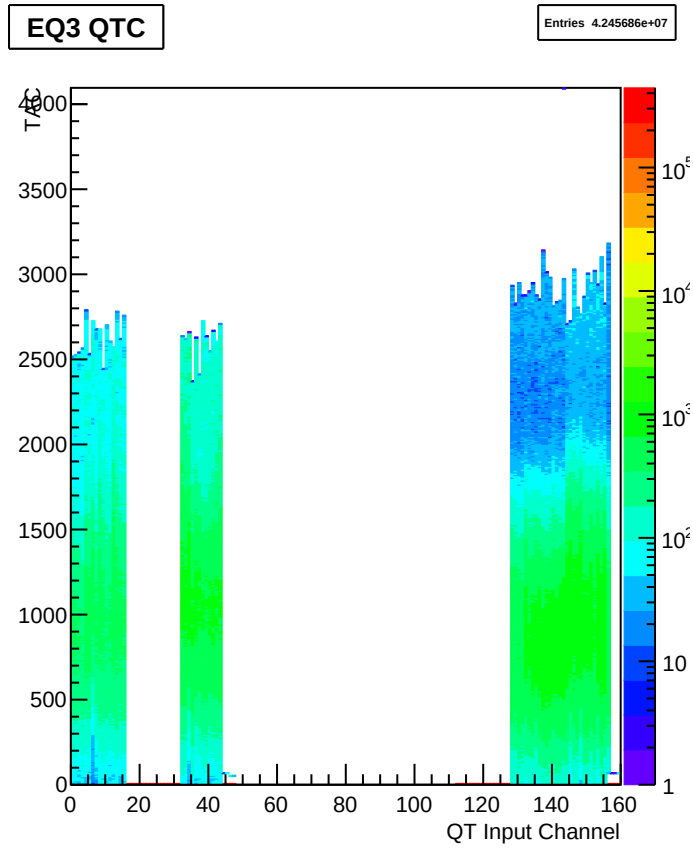

EQ2 QTC
Entries 4.245686e+07
ADC
QT Input Channel

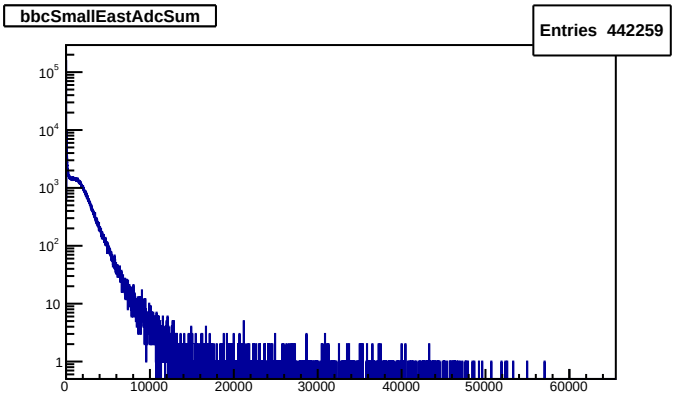

EQ2 QTC
Entries 4.245686e+07
TADC
QT Input Channel

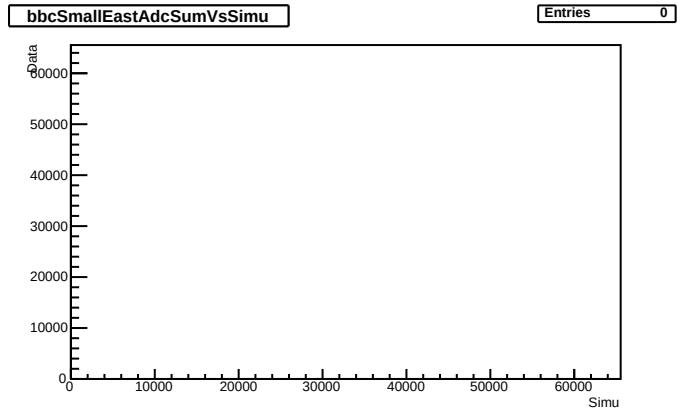

EQ3 QTB
Entries 1.132183e+08
ADC
QT Input Channel

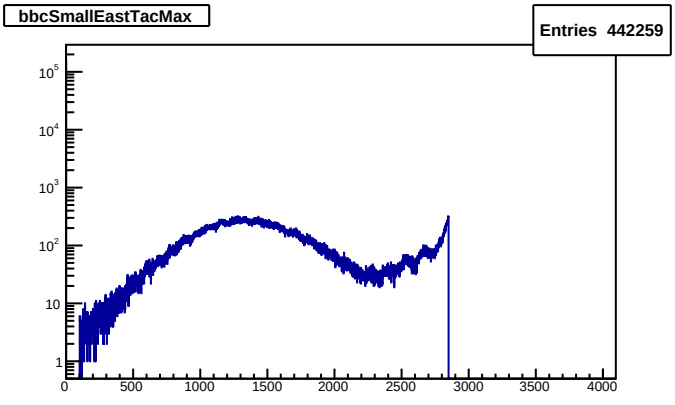

EQ3 QTB
Entries 3.561961e+07
TDC
QT Input Channel

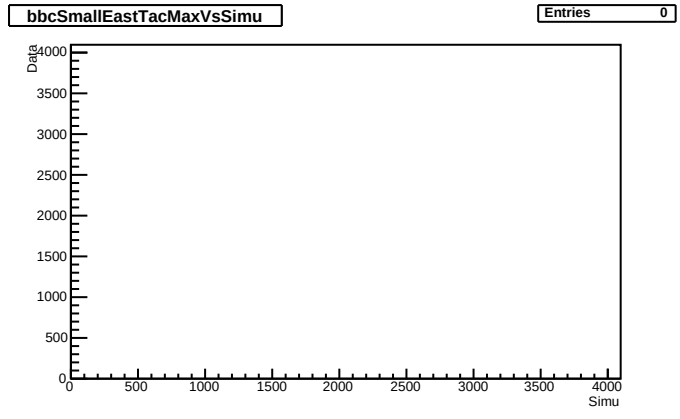

EQ3 QTC
Entries 4.245686e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.245686e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 442259


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 442259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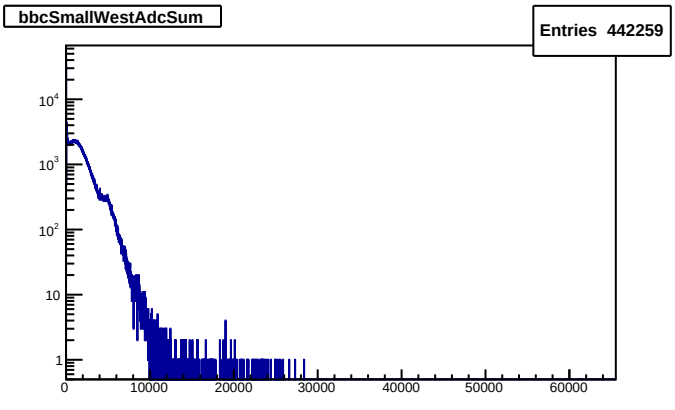
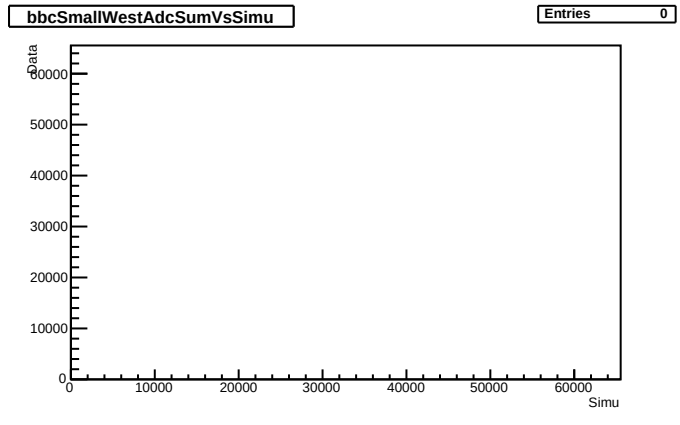
Data
Simu


bbcSmallWestAdcSum
Entries 442259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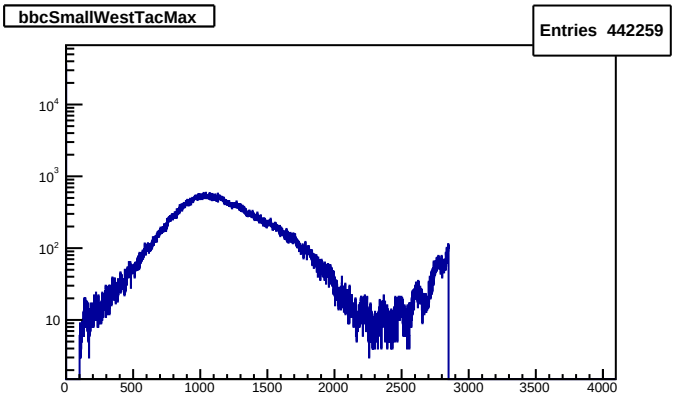
Simu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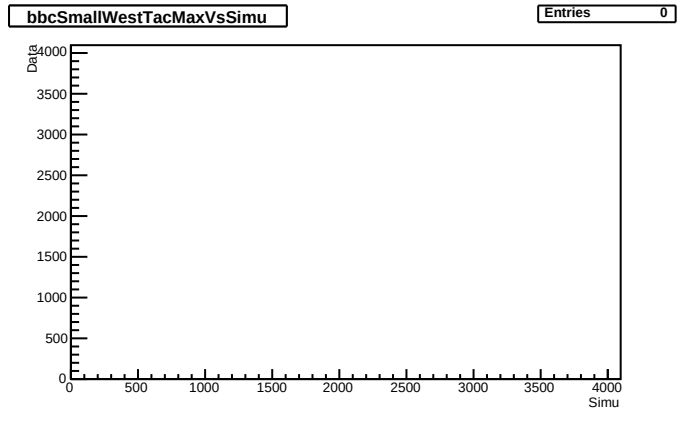
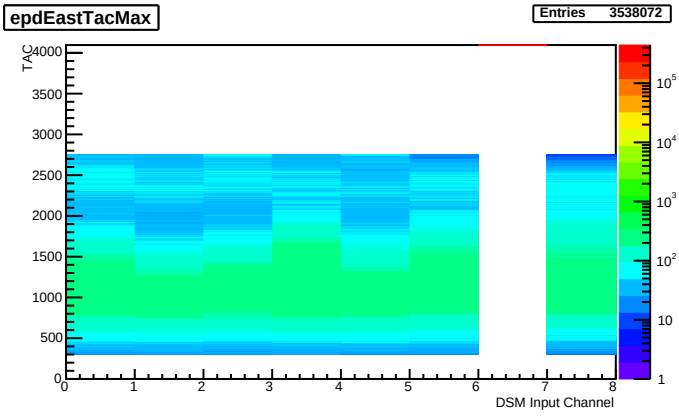
Entries 442259


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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Entries 3538072
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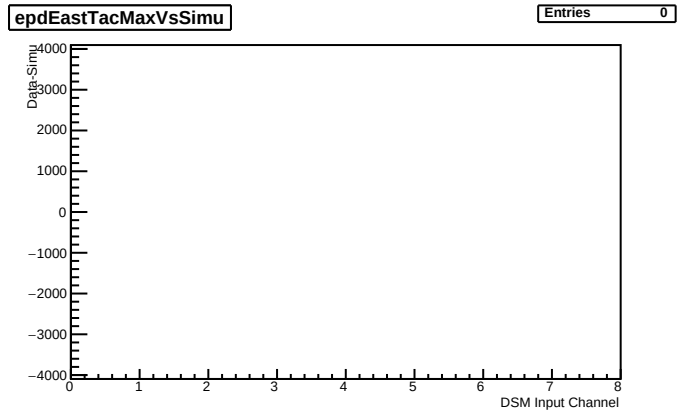
DSM Input Channel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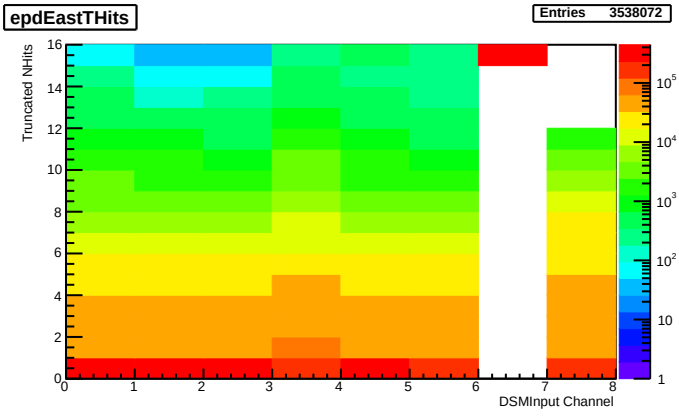
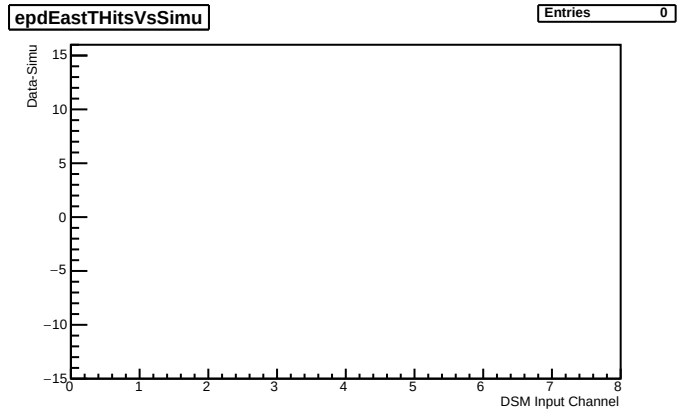
DSM Input Channel


epdEastTHits
Entries 3538072
Truncated NHits
DSMInput Channel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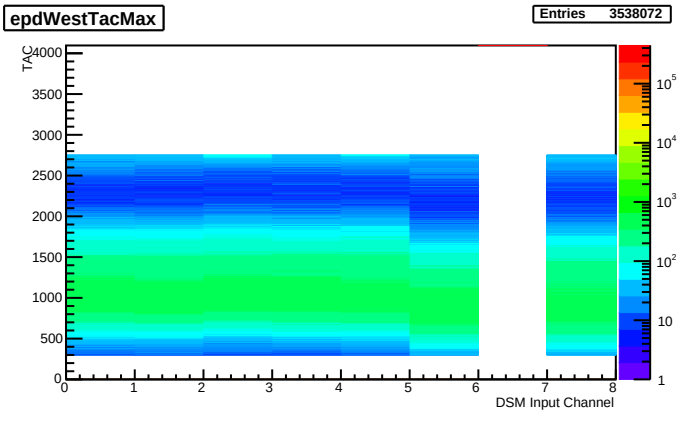
DSM Input Channel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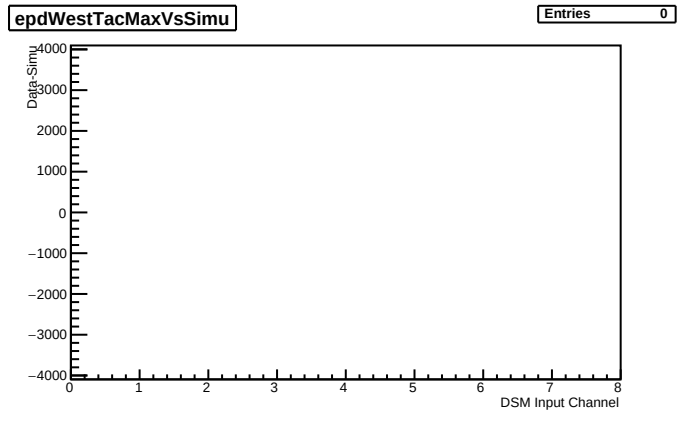
DSM Input Channel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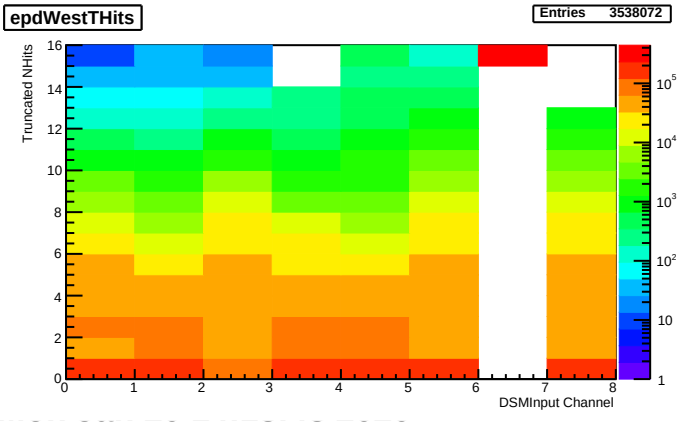
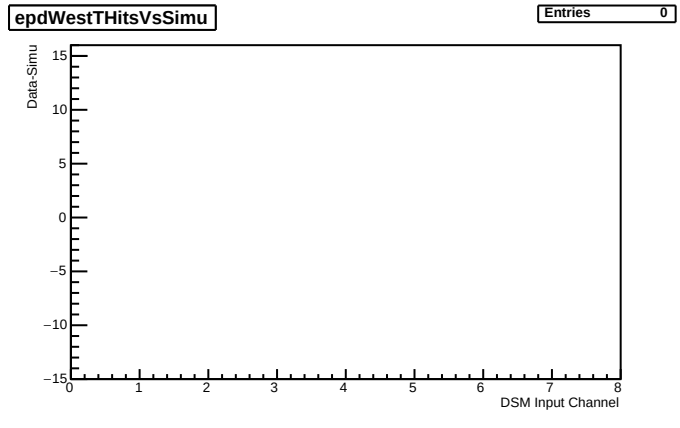
DSM Input Channel


epdWestTHits
Entries 3538072
Truncated NHits
DSMInput Channel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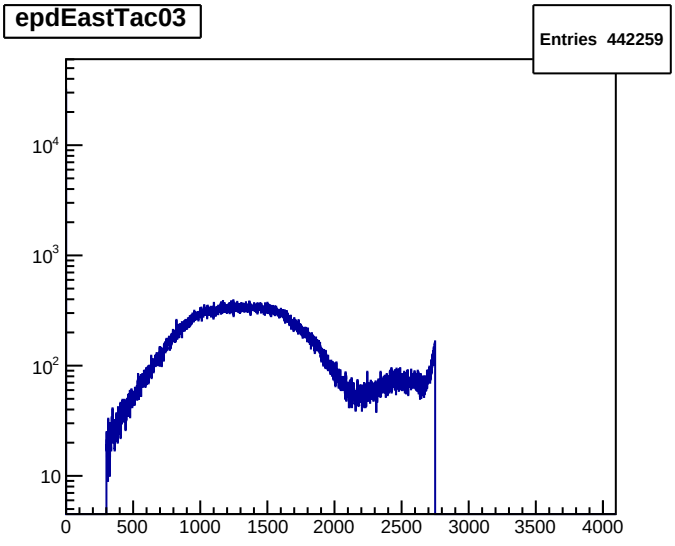
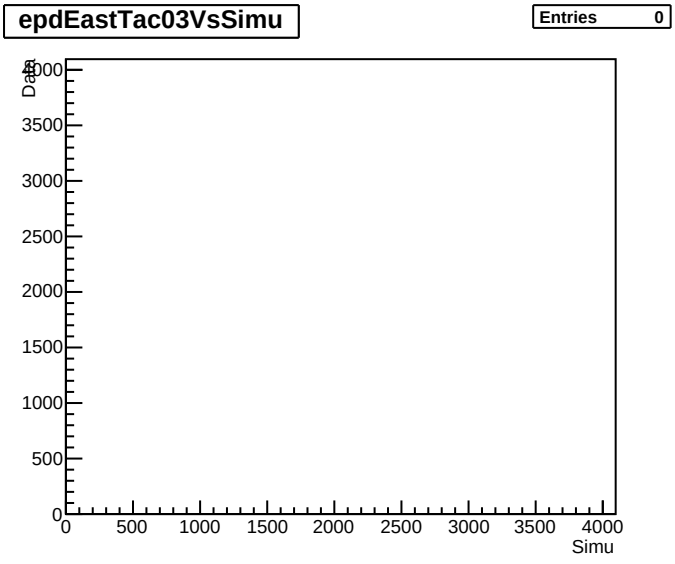
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 442259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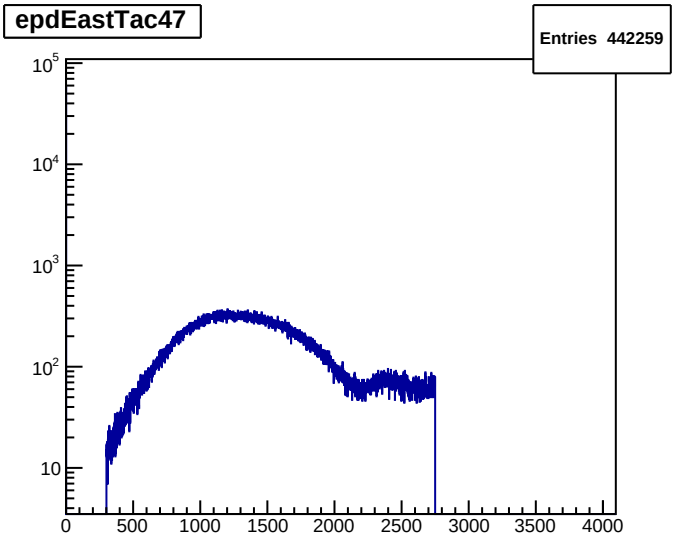
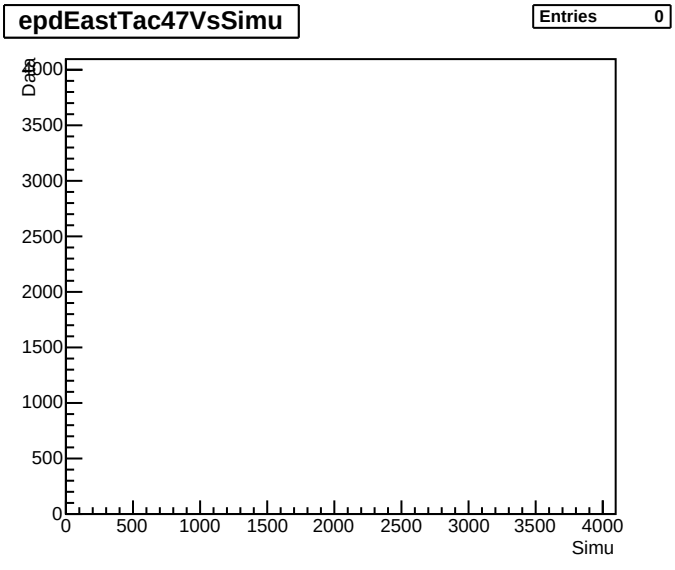
Entries 0
Data
Simu


epdEastTac47
Entries 442259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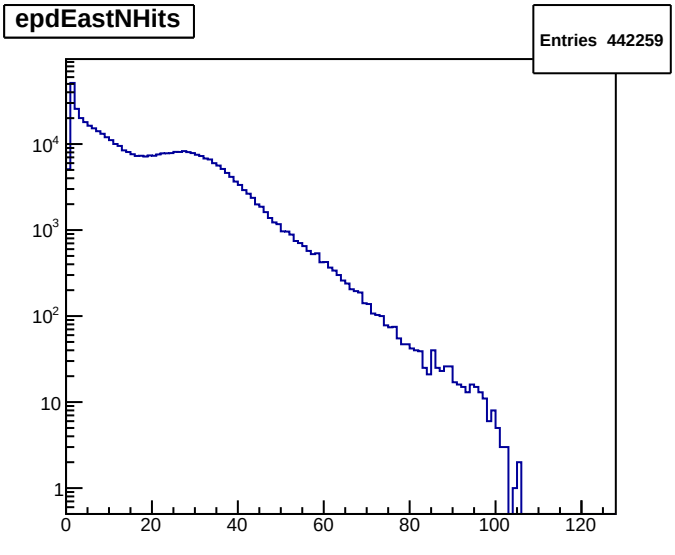
Entries 0
Data
Simu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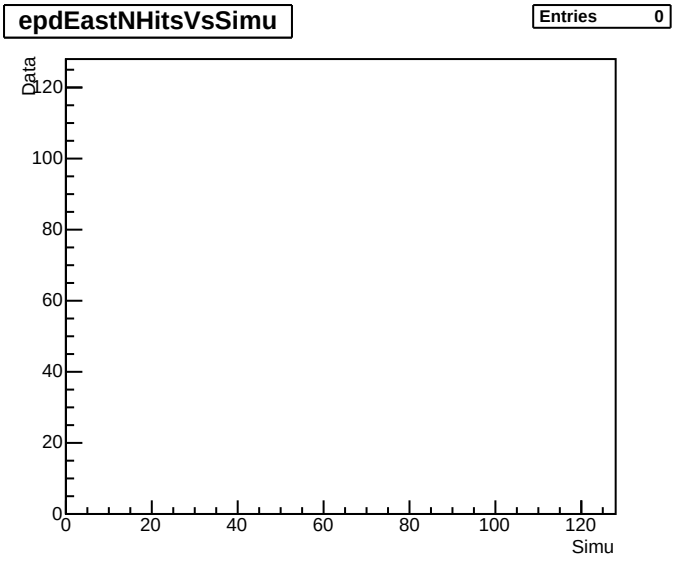
Entries 442259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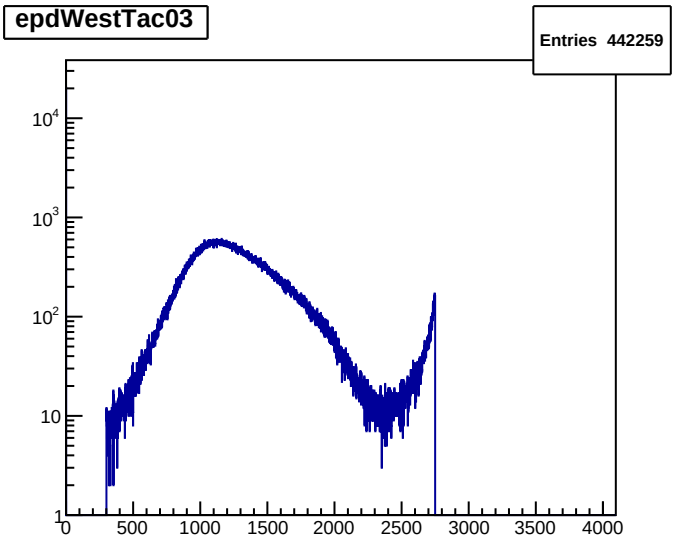
Entries 0
Data
Simu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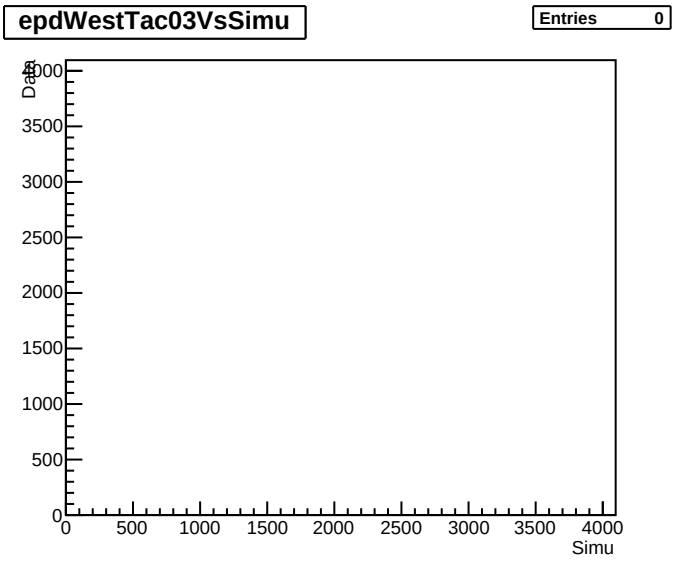
Entries 442259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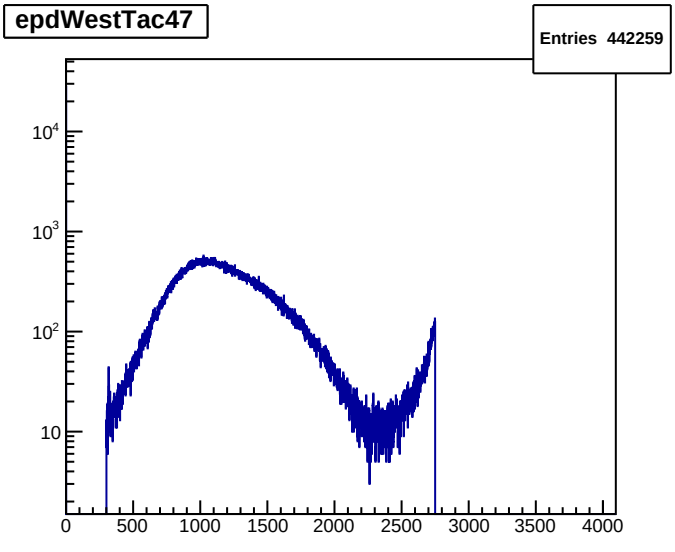
Entries 0
Data
Simu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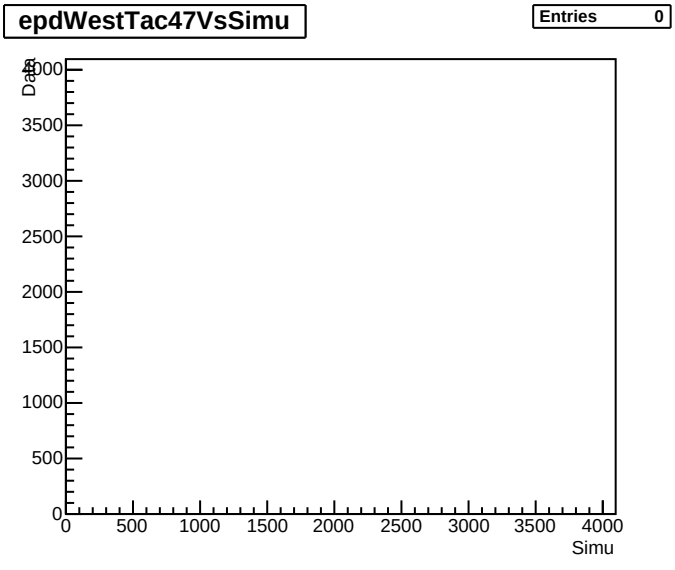
Entries 442259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Entries 0
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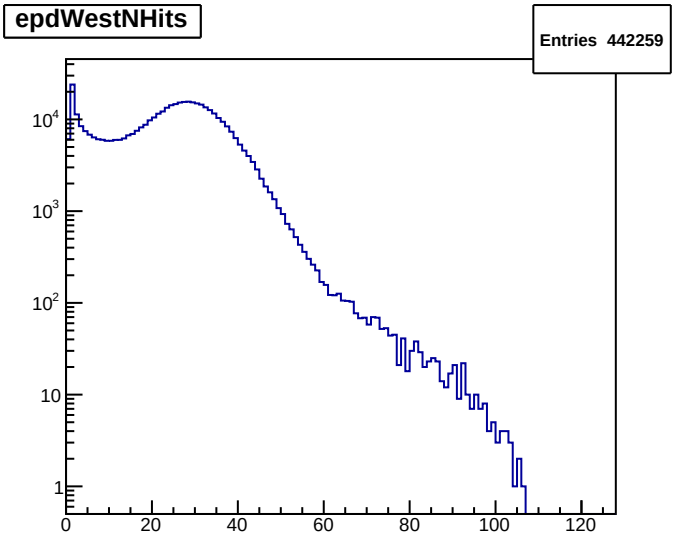
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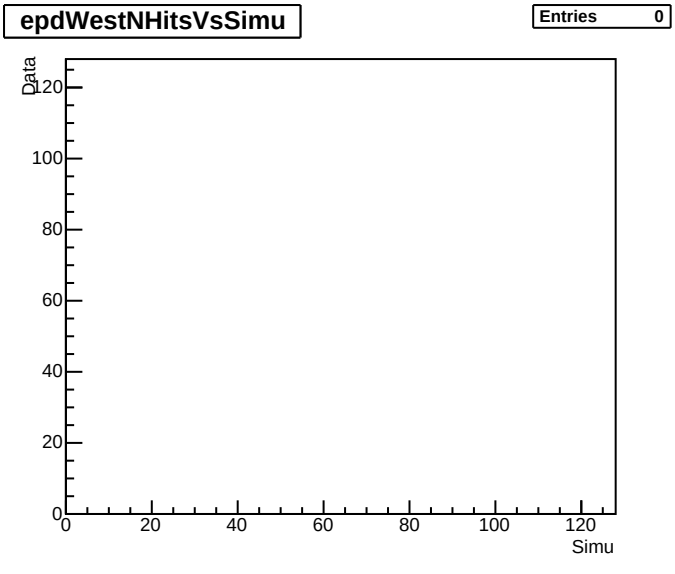
Entries 442259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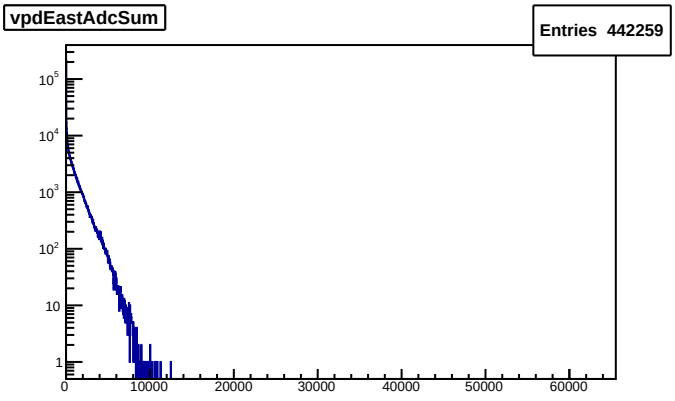
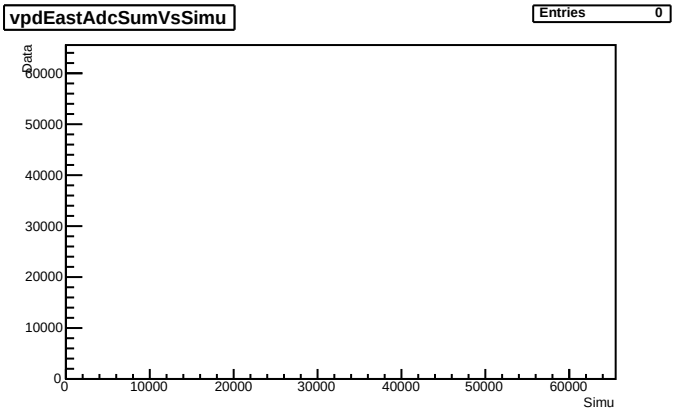
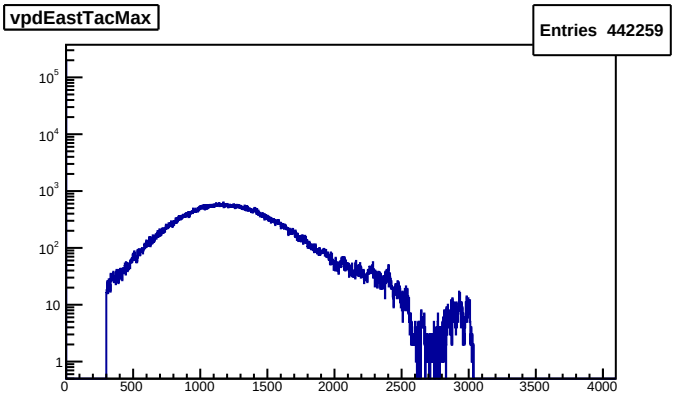
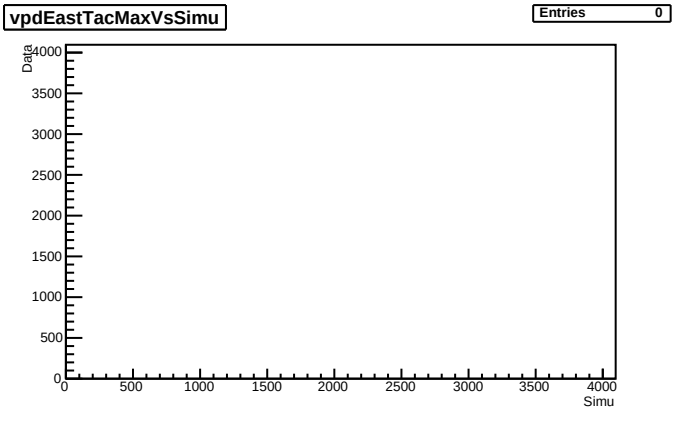
Entries 0
Data
Simu


vpdEastAdcSum
Entries 442259


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 442259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Entries 0
Data
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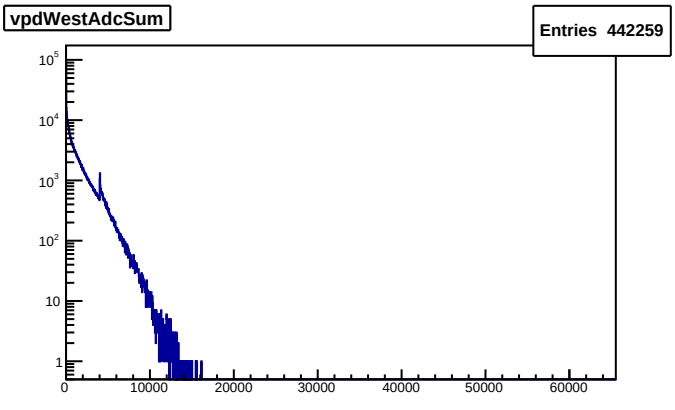
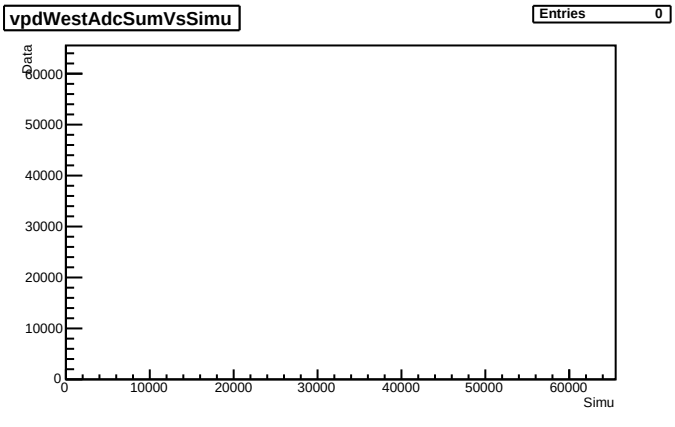

vpdWestAdcSum
Entries 442259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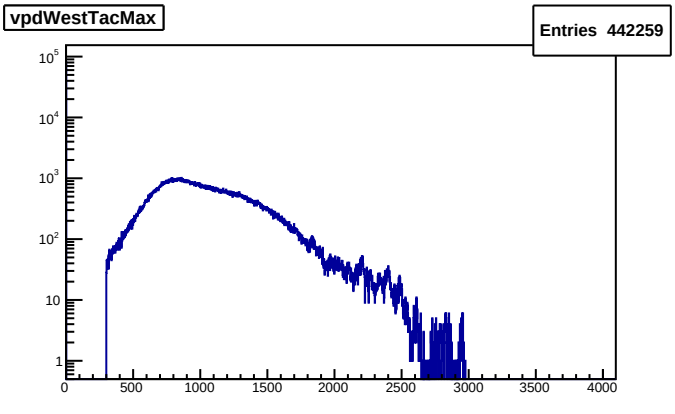
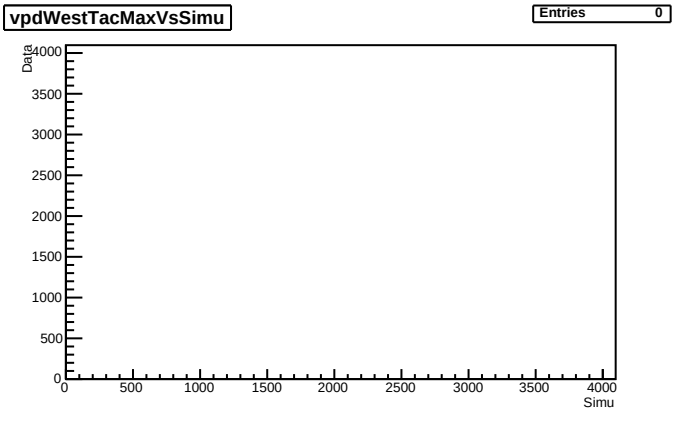
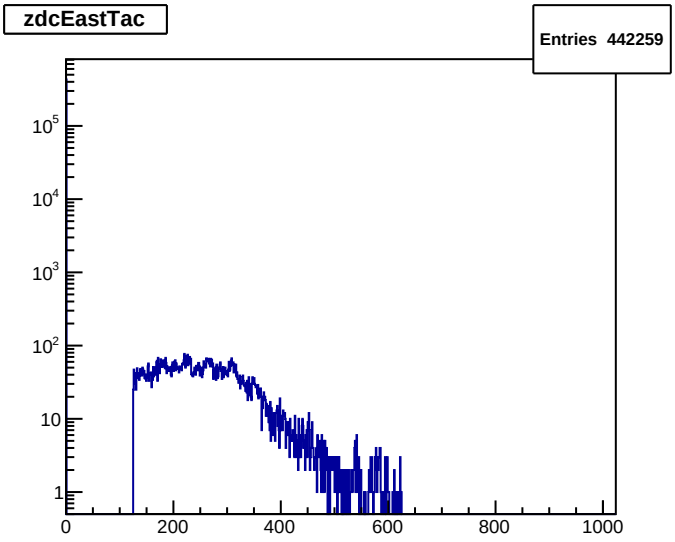
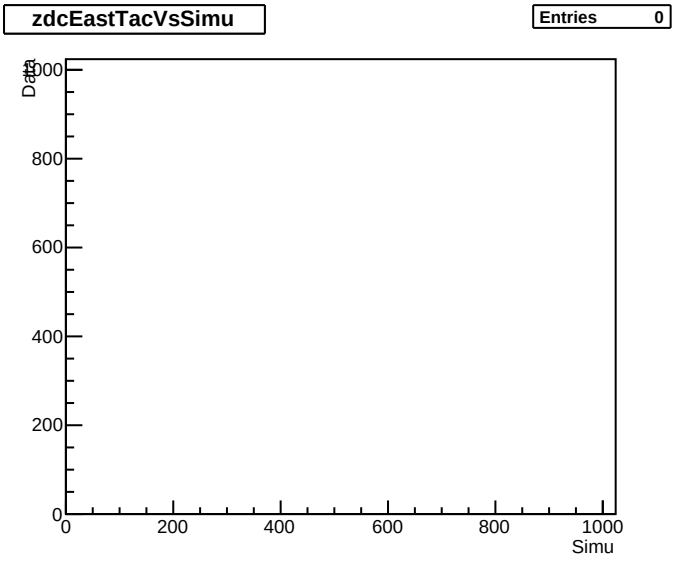
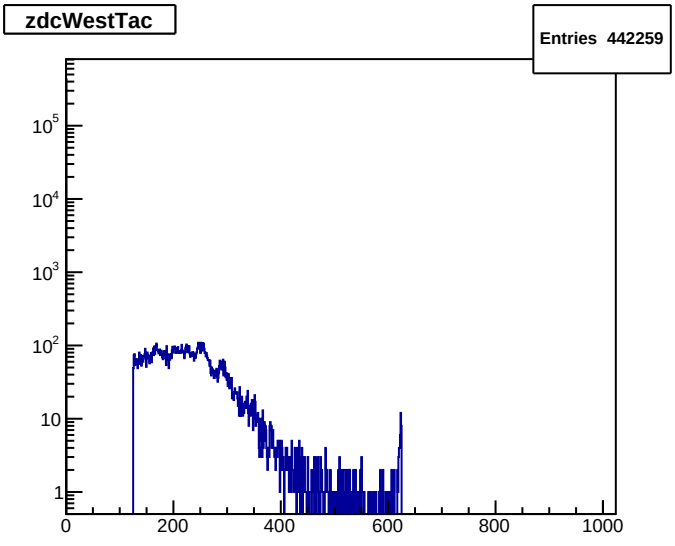
Entries 0
Data
Simu

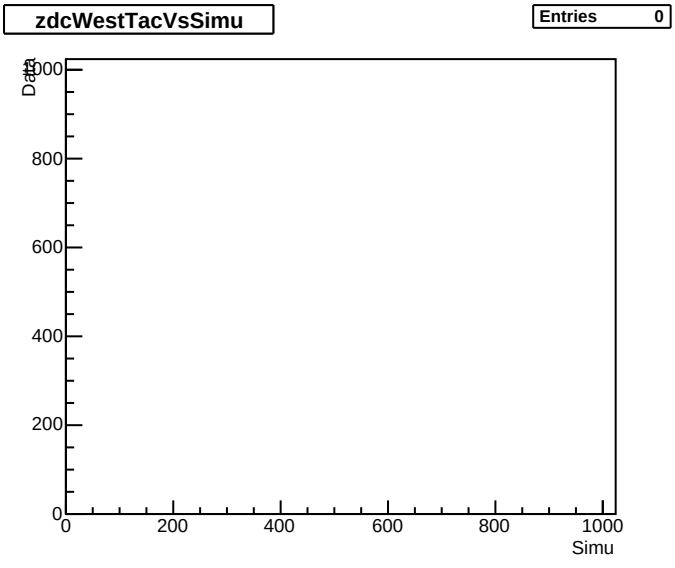

vpdWestTacMax
Entries 442259

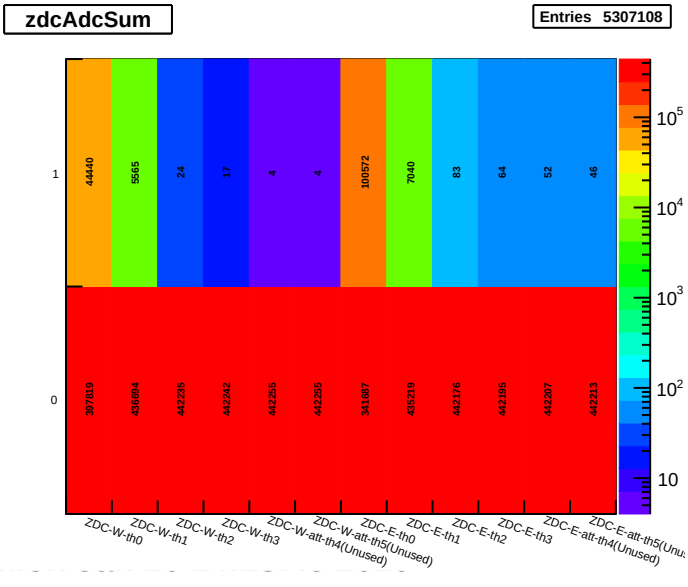

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 442259
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 442259
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 5307108
1
0
44440
5565
24
17
4
4
100572
7040
83
64
52
46
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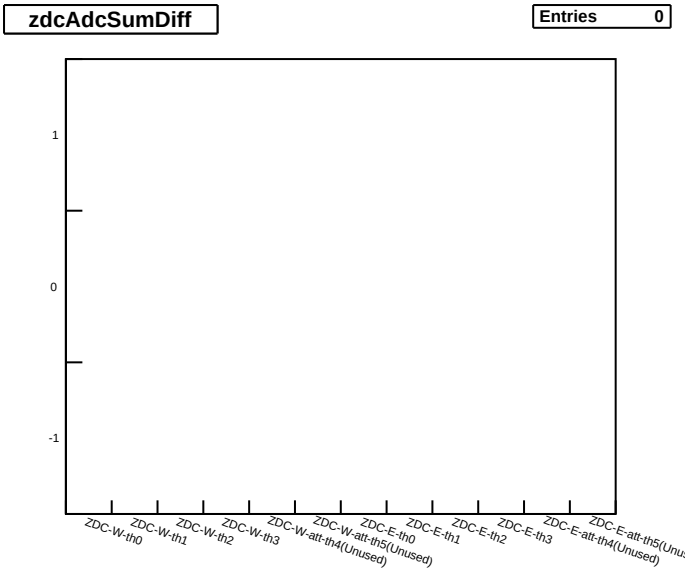
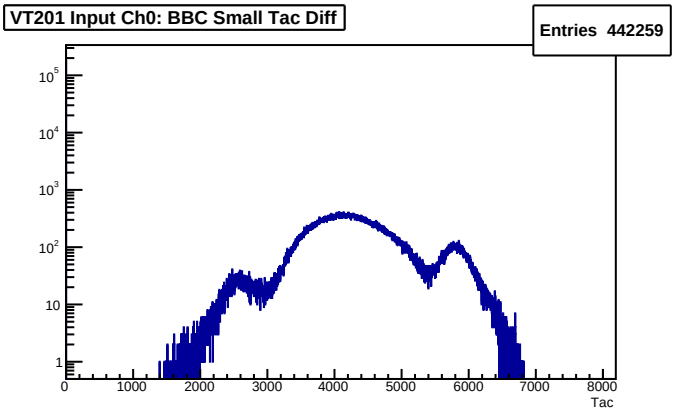
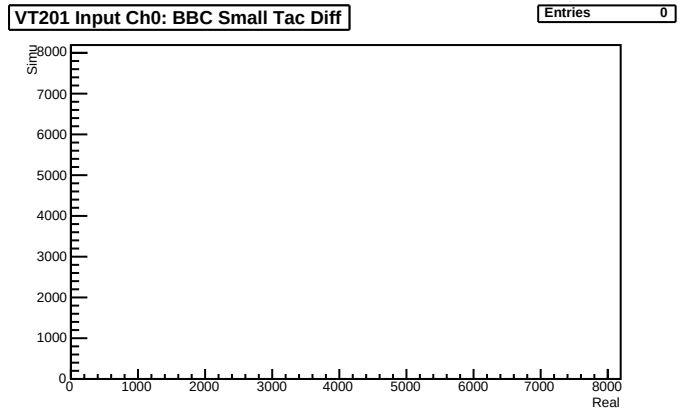
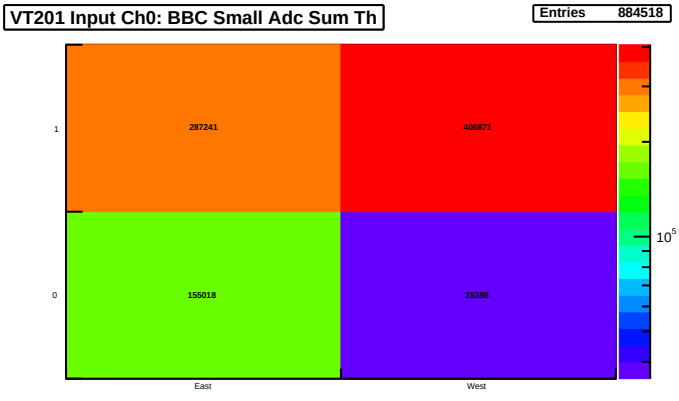
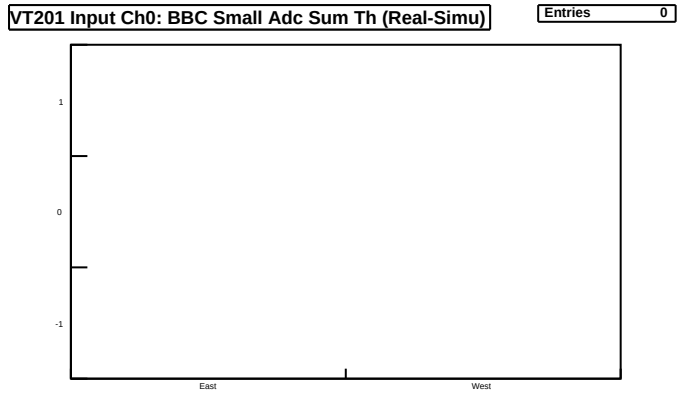
436694
442235
442242
442255
442255
341687
435219
442176
442195
442207
442213
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

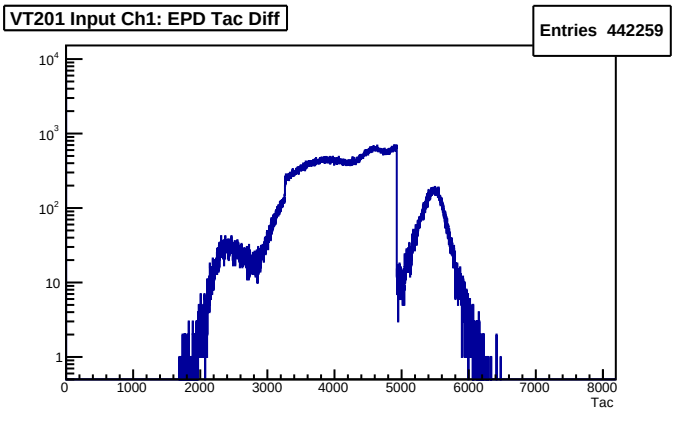

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

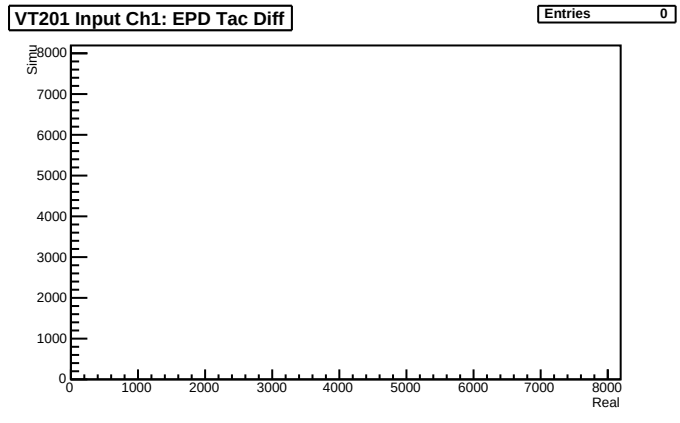

VT201 Input Ch0: BBC Small Tac Diff
Entries 442259
Tac

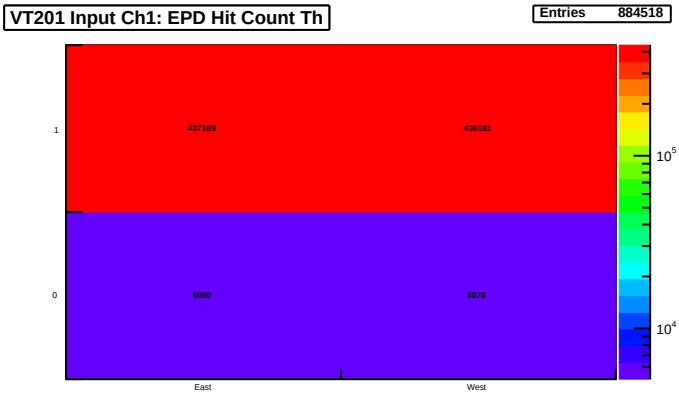

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

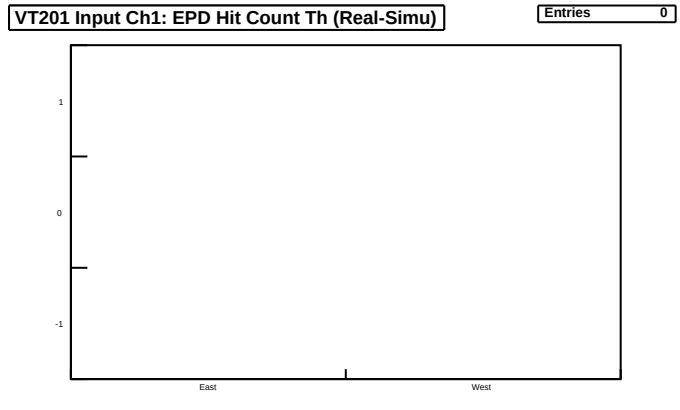

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 884518
287241
406871
155018
35388
East
West

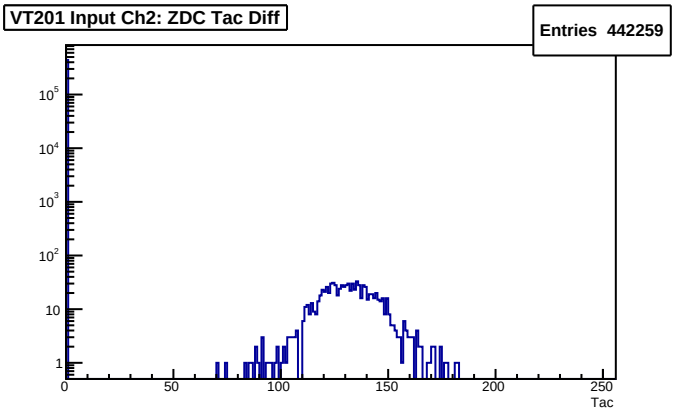

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

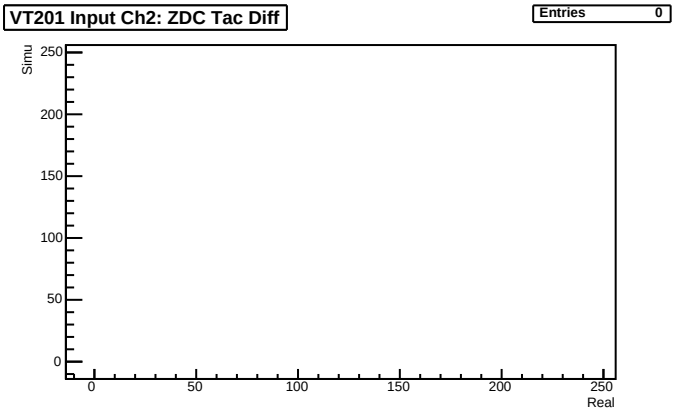

VT201 Input Ch1: EPD Tac Diff
Entries 442259
Tac

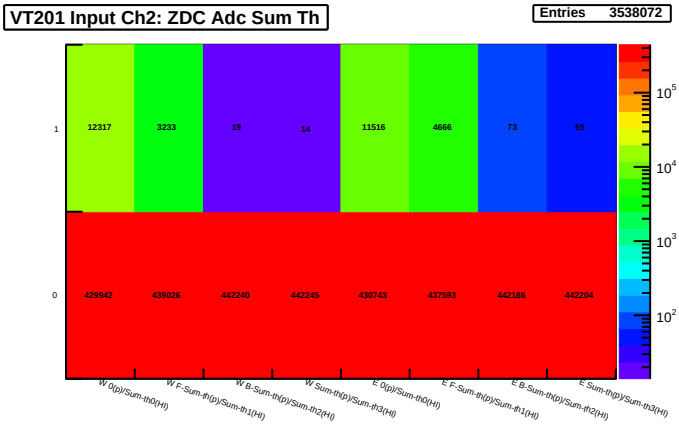

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

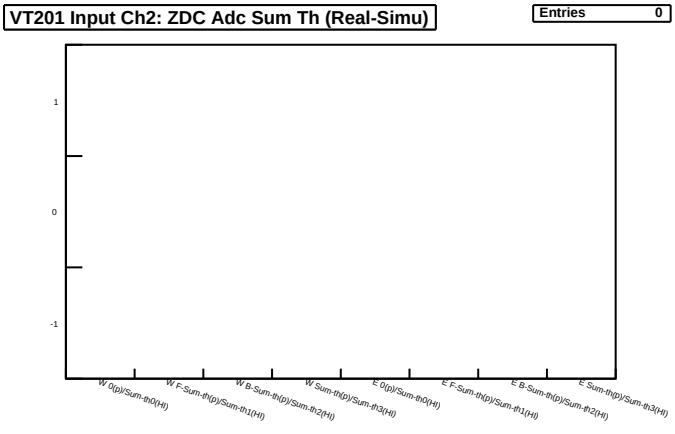

VT201 Input Ch1: EPD Hit Count Th
Entries 884518
437169
436181
5090
6078
East
West

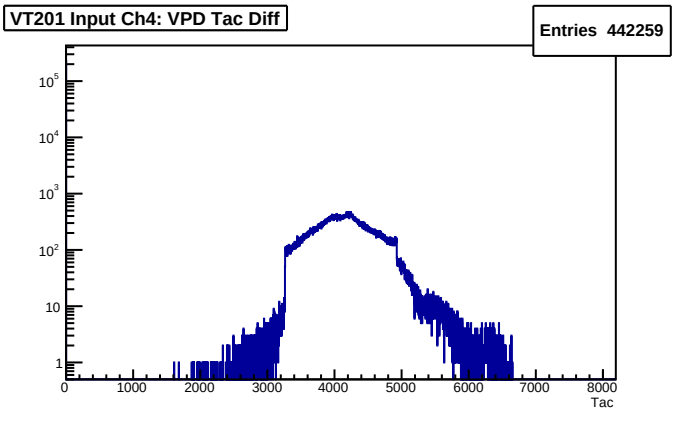

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

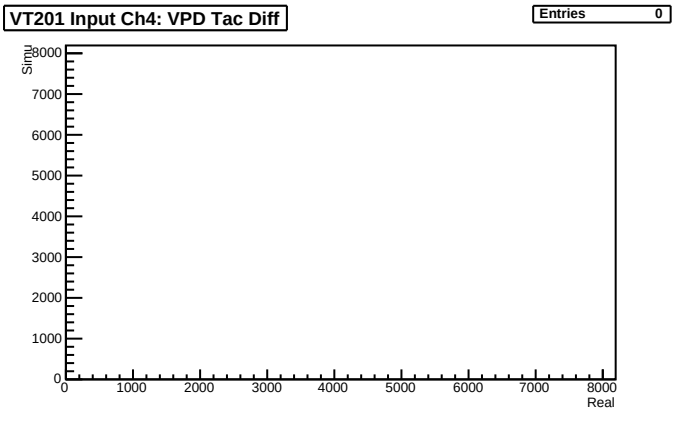

VT201 Input Ch2: ZDC Tac Diff
Entries 442259
Tac

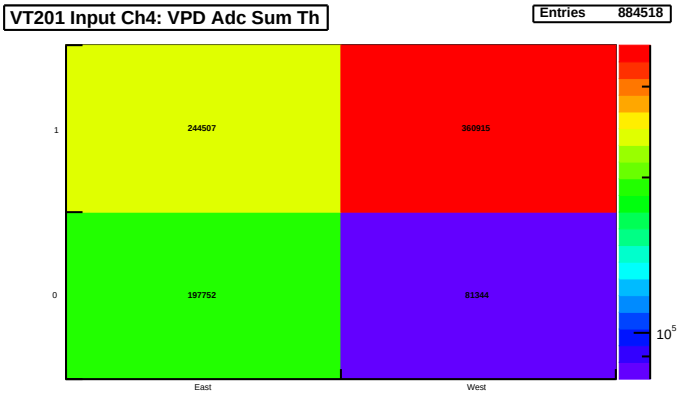

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

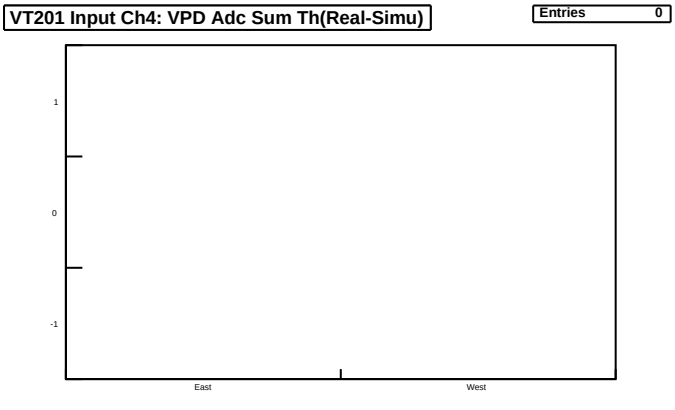

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3538072
12317
3233
19
14
11516
4666
73
55
429942
439026
442240
442245
430743
437593
442186
442204
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

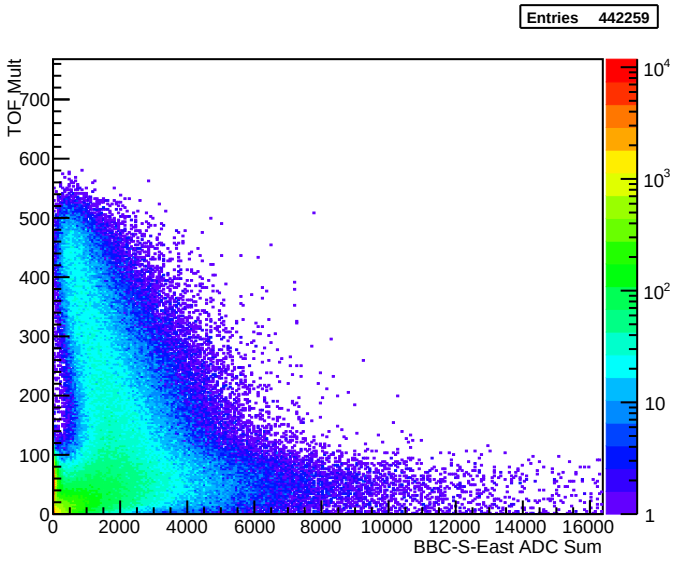

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

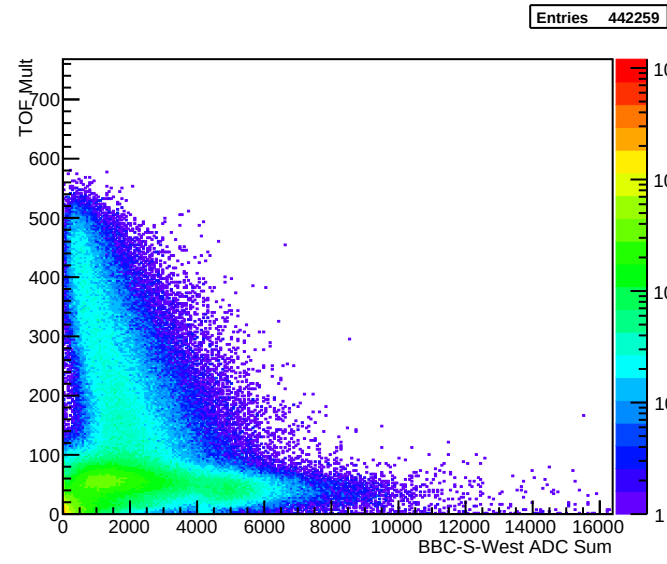

VT201 Input Ch4: VPD Tac Diff
Entries 442259
Tac

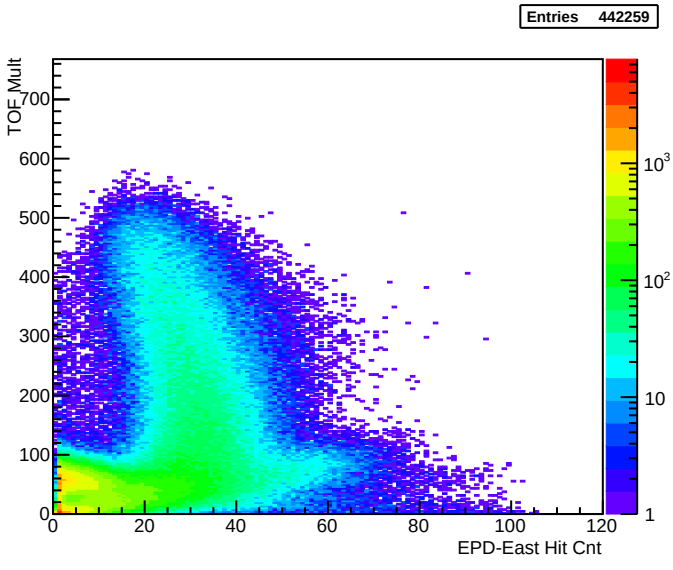

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

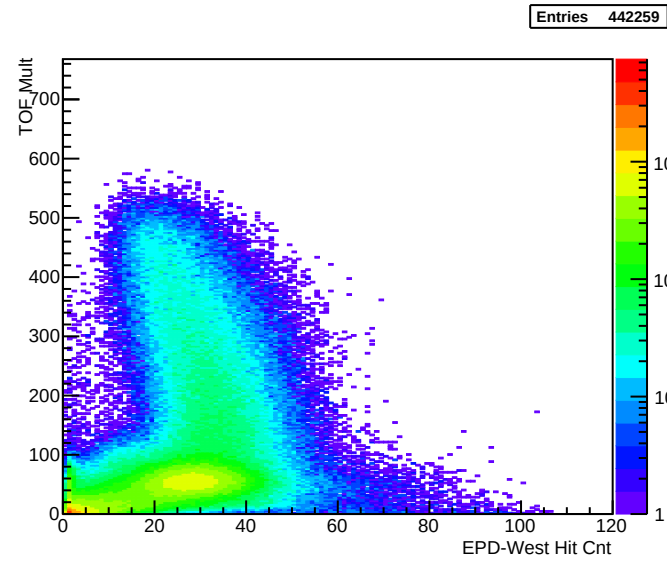

VT201 Input Ch4: VPD Adc Sum Th
Entries 884518
244507
360915
197752
81344
East
West

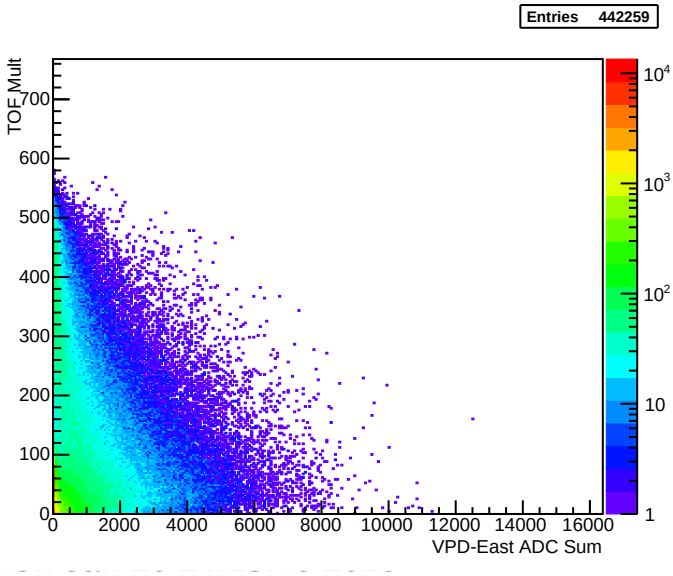

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

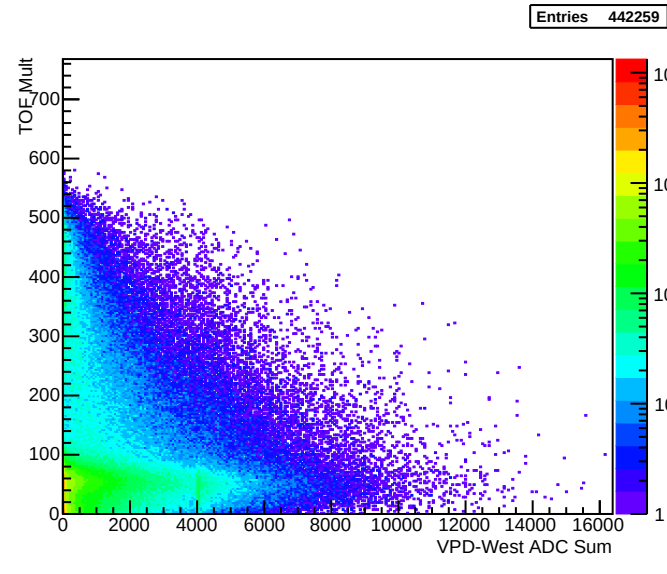

Entries 442259
TOF_Mult
BBC-S-East ADC Sum

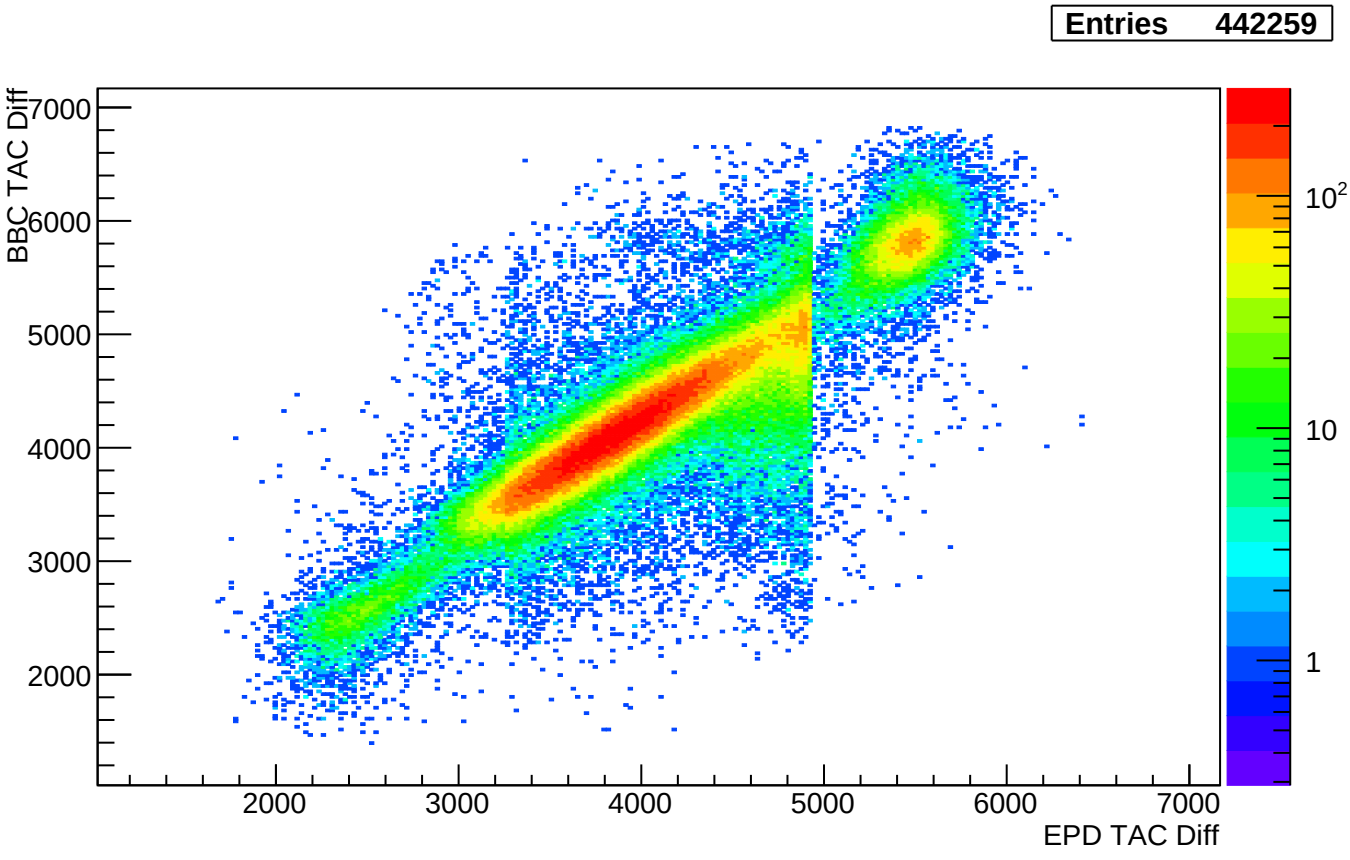

Entries 442259
TOF_Mult
BBC-S-West ADC Sum

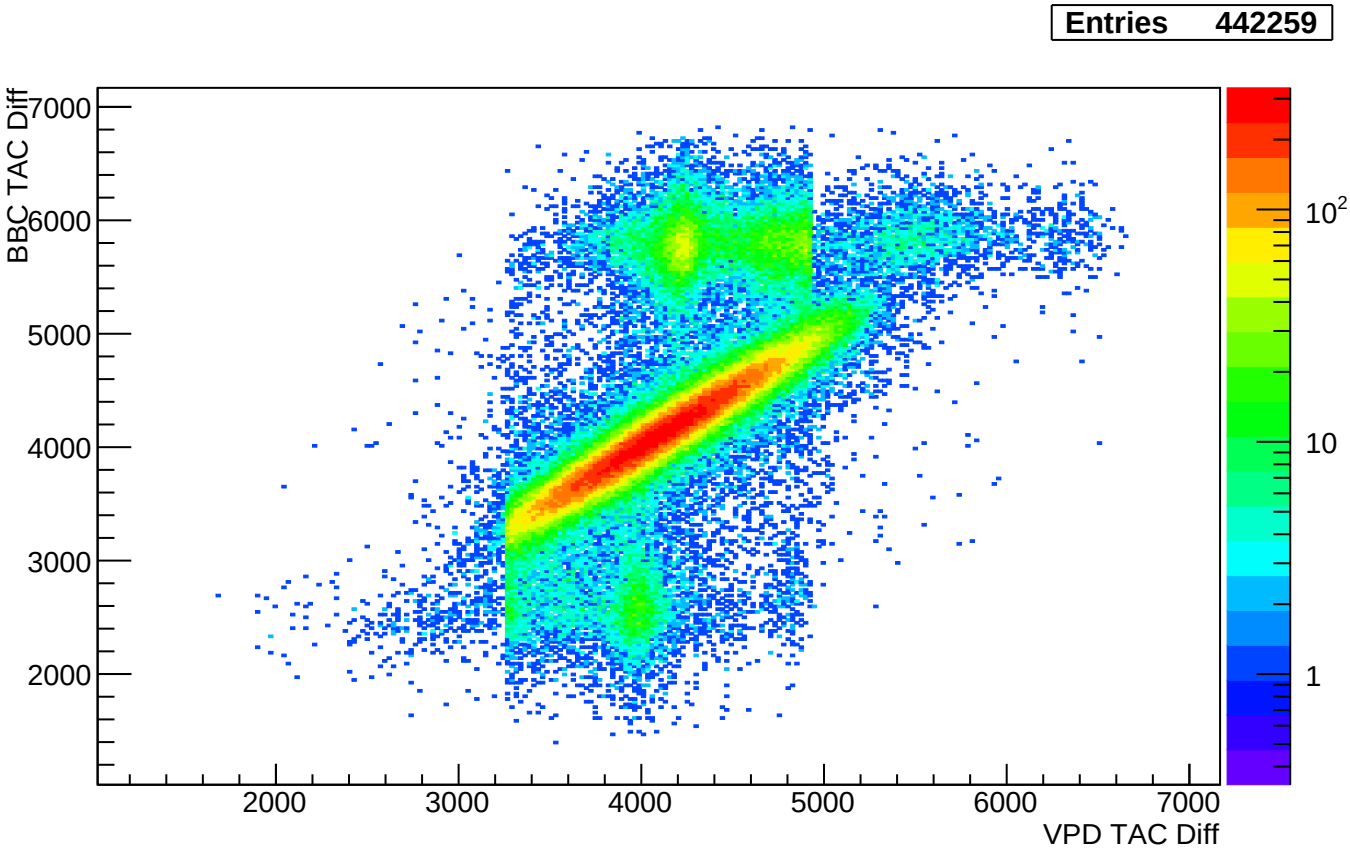

Entries 442259
TOF_Mult
EPD-East Hit Cnt

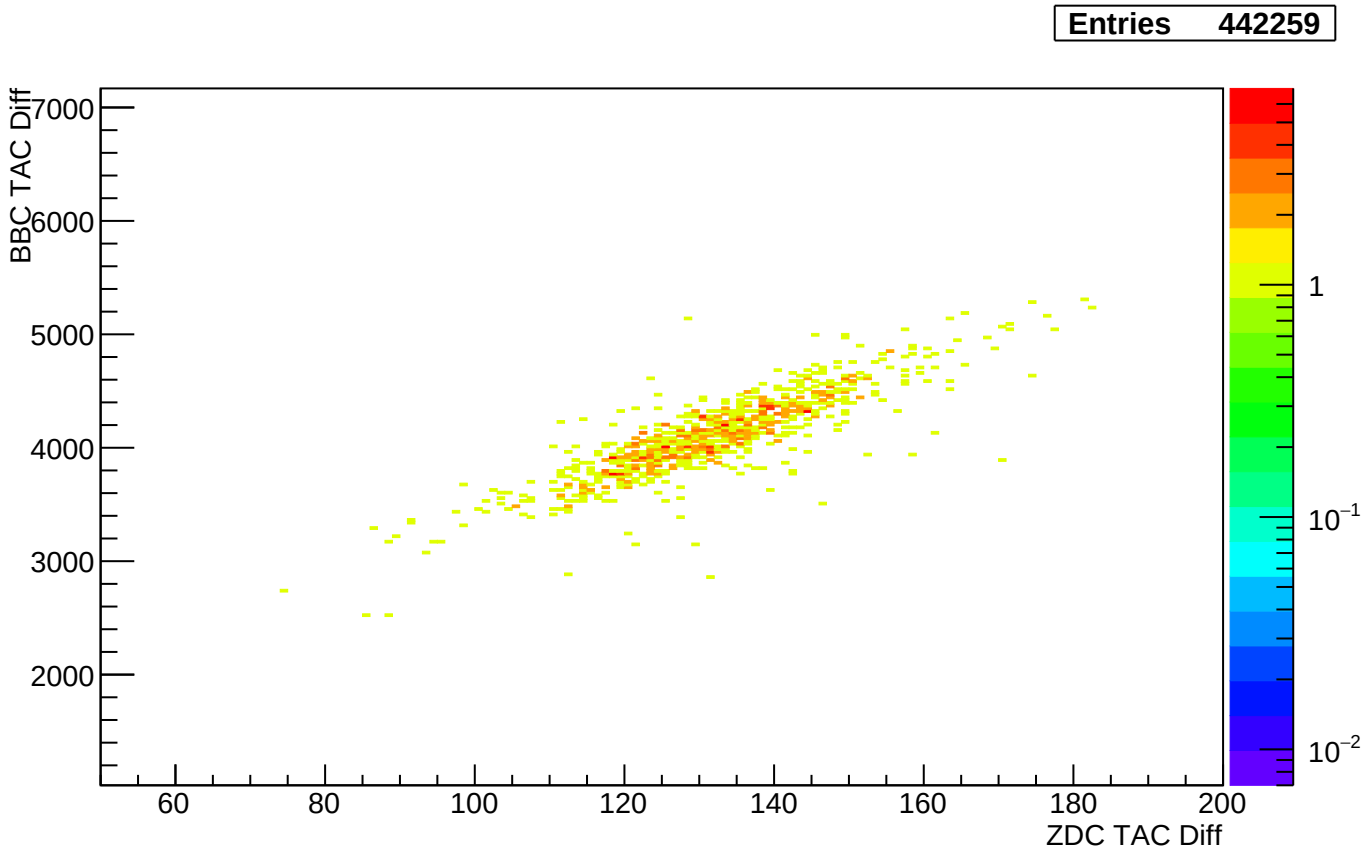

Entries 442259
TOF_Mult
EPD-West Hit Cnt

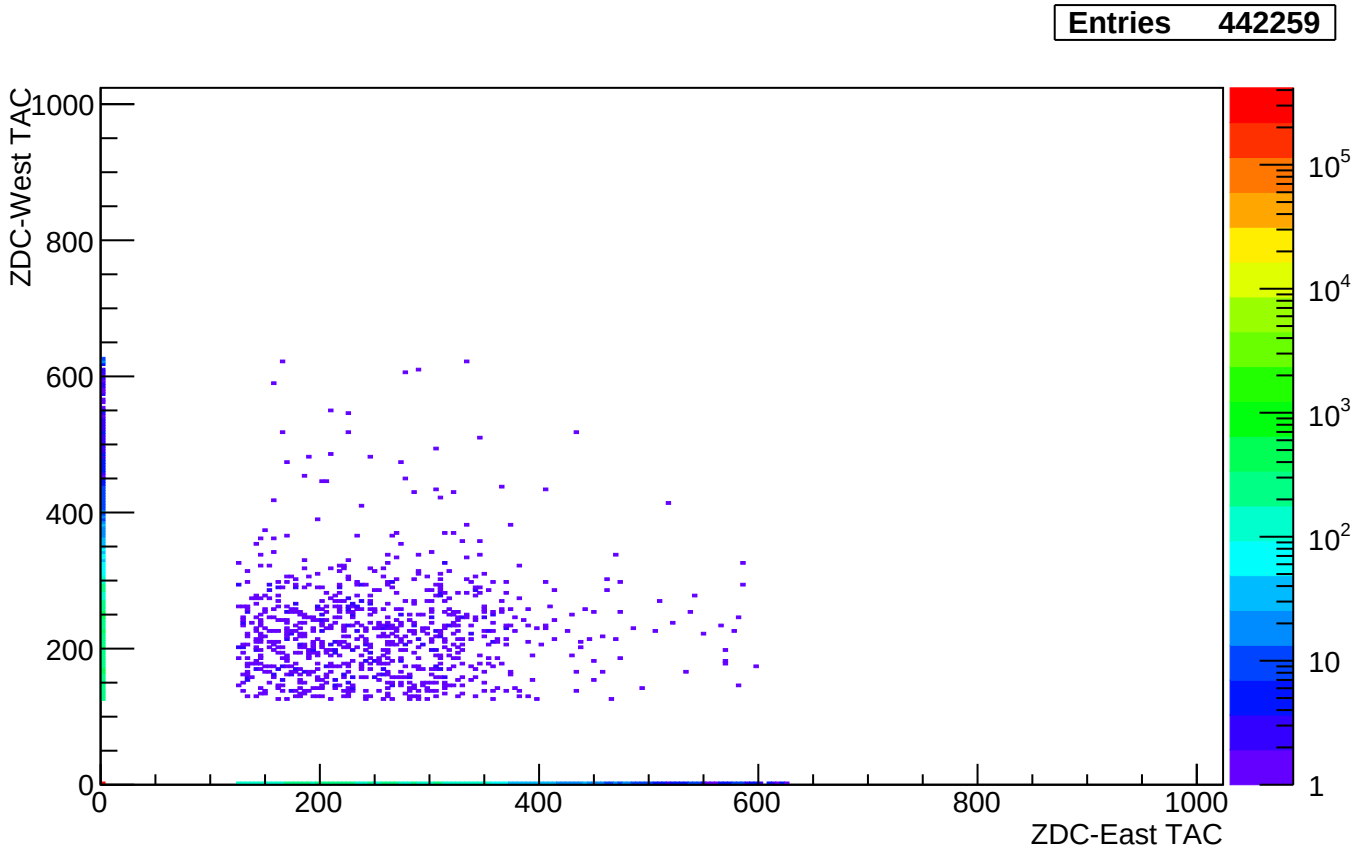

Entries 442259
TOF_Mult
VPD-East ADC Sum

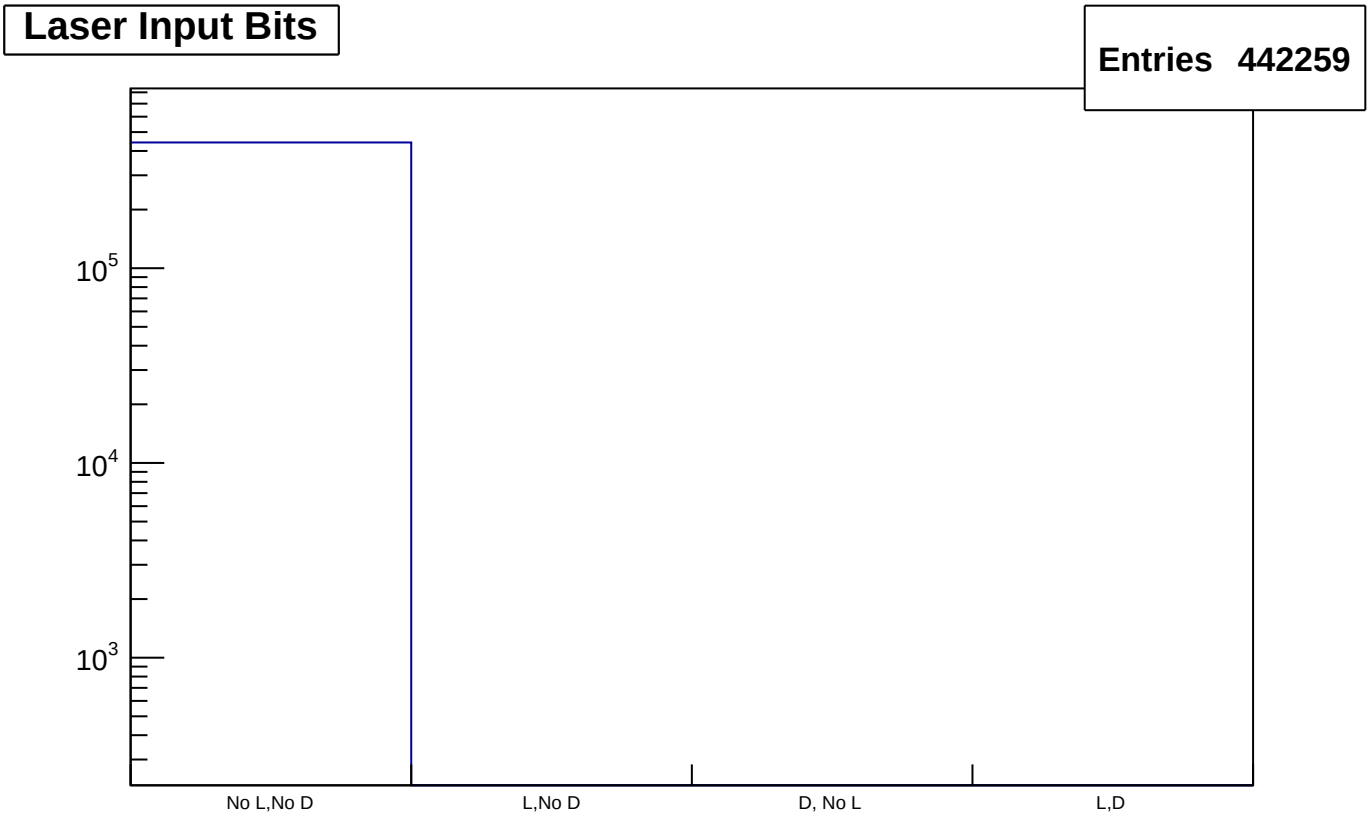

Entries 442259
TOF_Mult
VPD-West ADC Sum

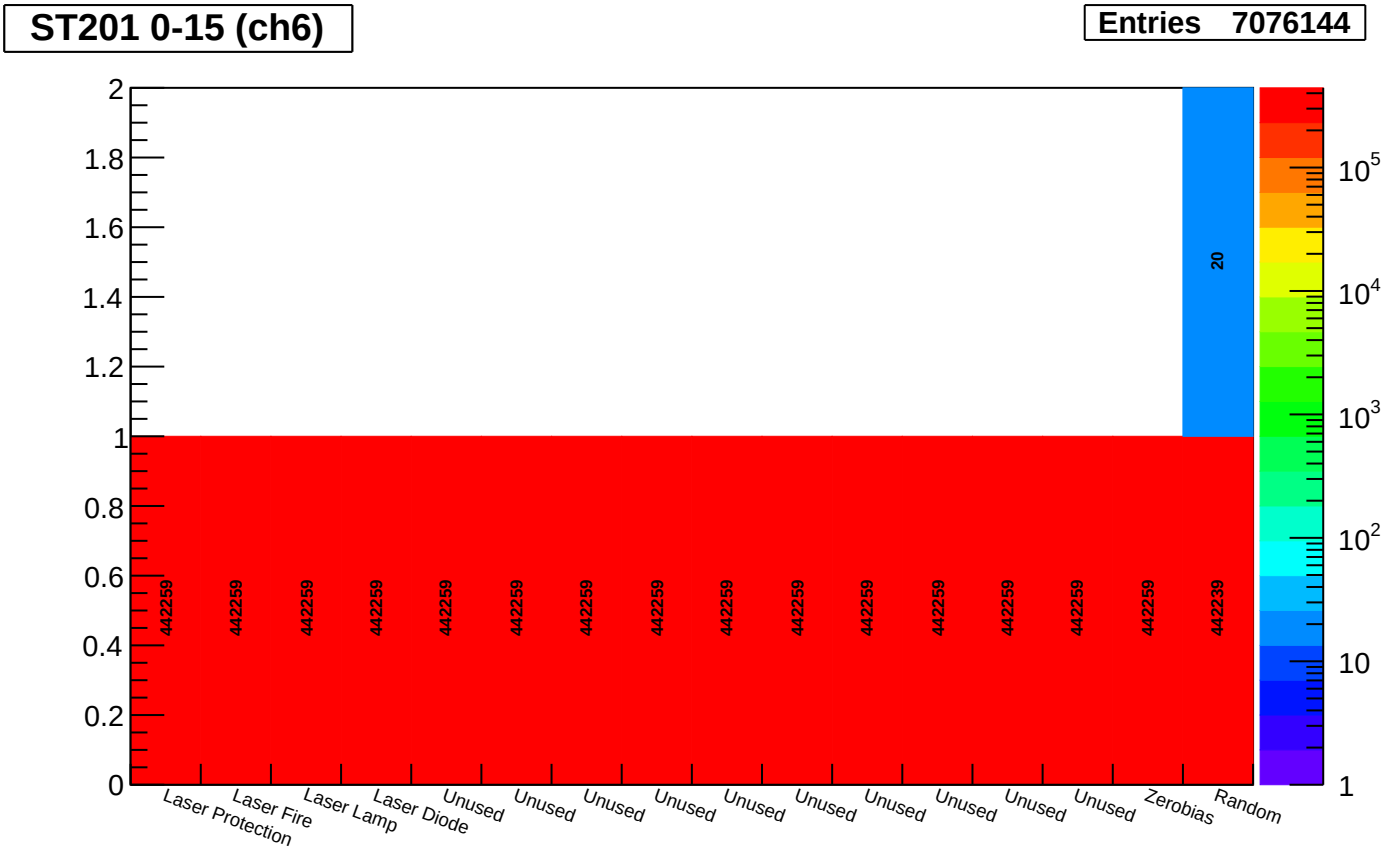

Entries 442259
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

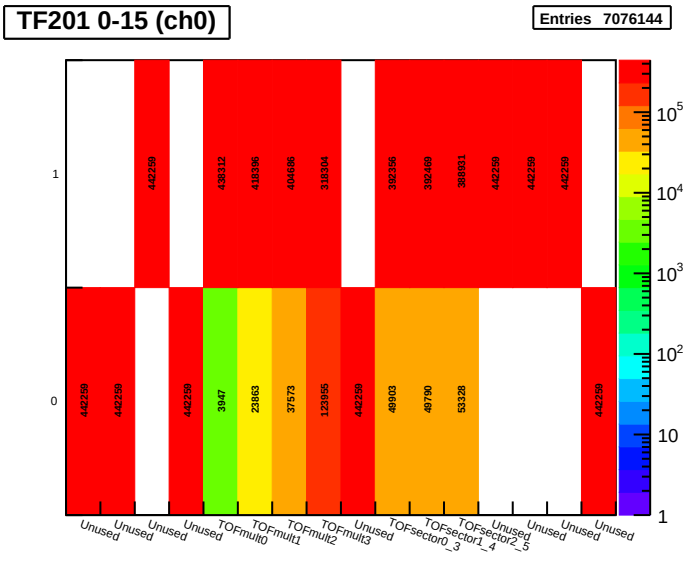

Entries 442259
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

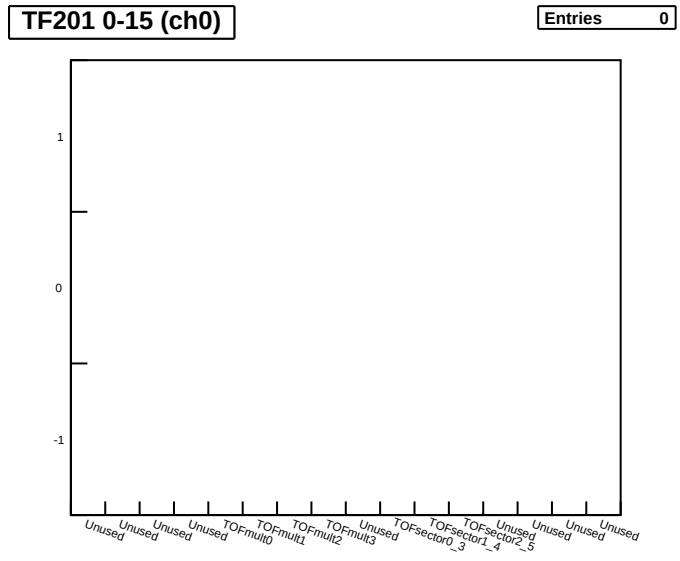

Entries 442259
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

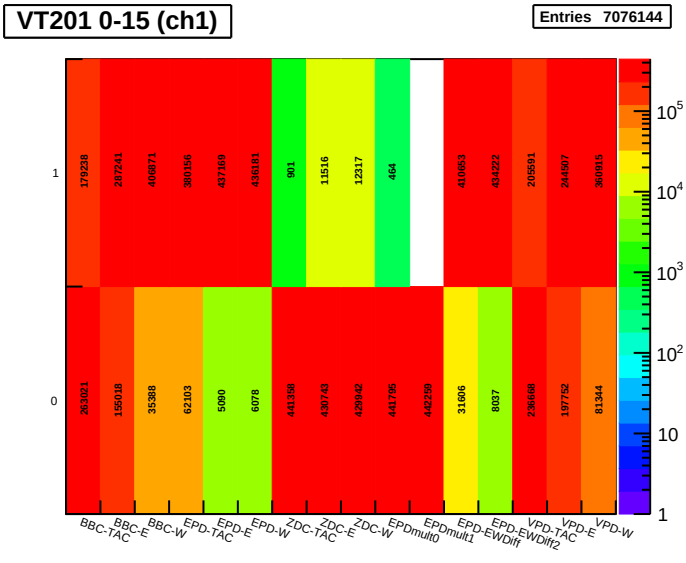

Entries 442259
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

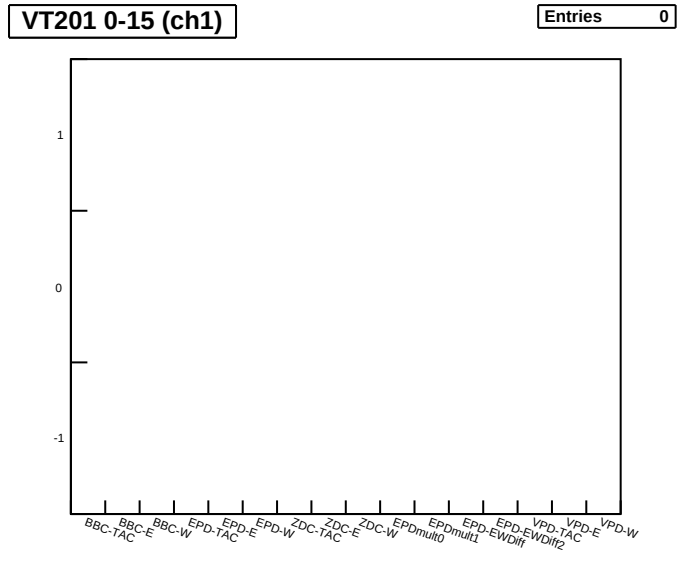

Laser Input Bits
Entries 442259
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

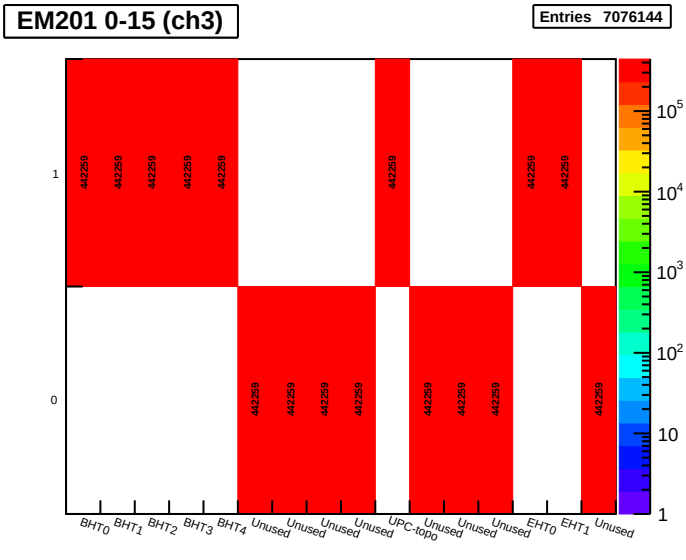

ST201 0-15 (ch6)
Entries 7076144
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
442259
442239
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

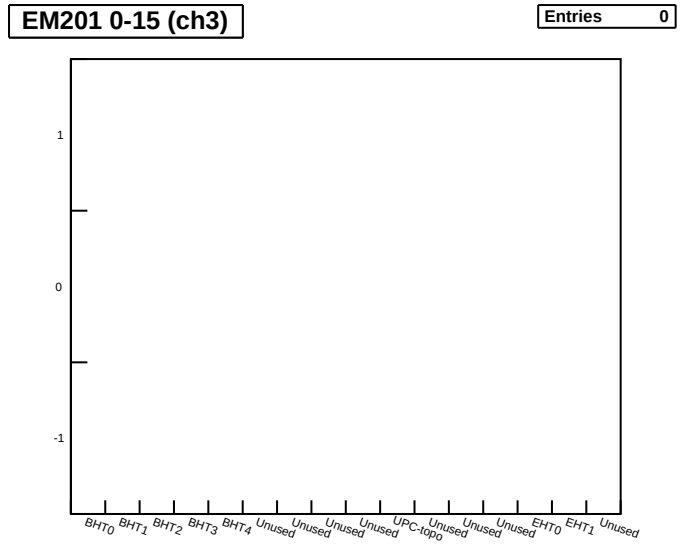

TF201 0-15 (ch0)
Entries 7076144
1
0
442259
438312
418396
404686
318304
392356
392469
388831
442259
442259
442259
442259
442259
3947
23863
37573
123955
442259
49903
49790
53328
442259
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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


VT201 0-15 (ch1)
Entries 7076144
1
0
179238
287241
406871
380156
437169
436181
901
11516
12317
464
410653
434222
205591
244507
360915
263021
155018
35388
62103
5090
6078
441358
430743
429942
441795
442259
31606
8037
236668
197752
81344
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 7076144
1
0
442259
442259
442259
442259
442259
442259
442259
442259
442259
442259
442259
442259
442259
442259
442259
442259
442259
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