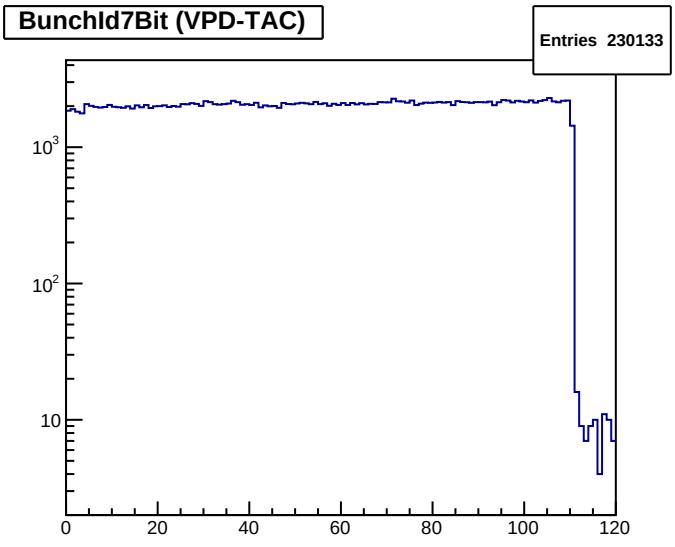
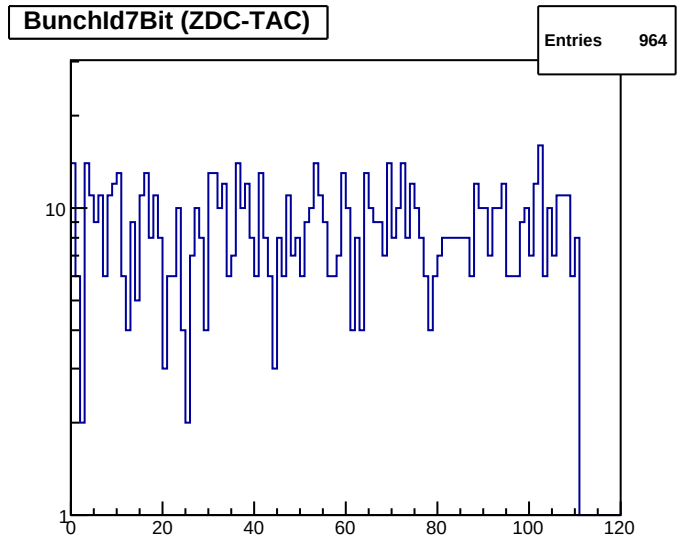
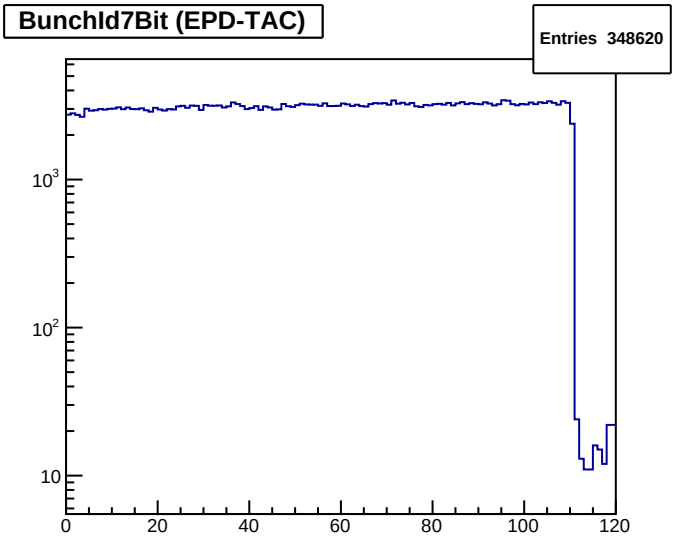
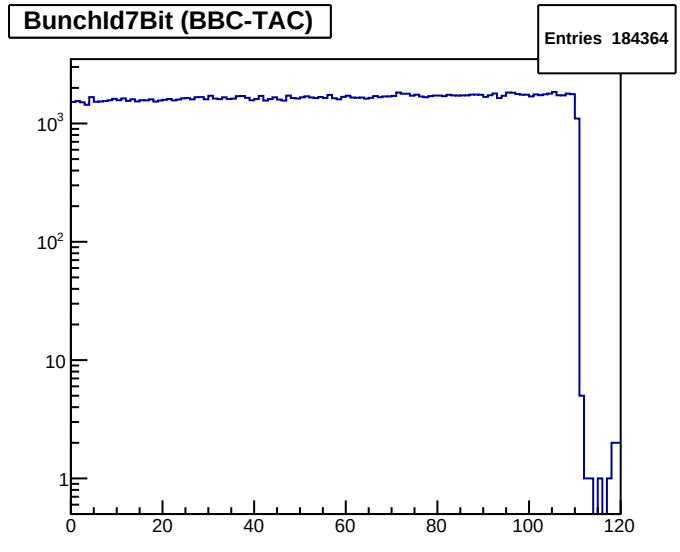
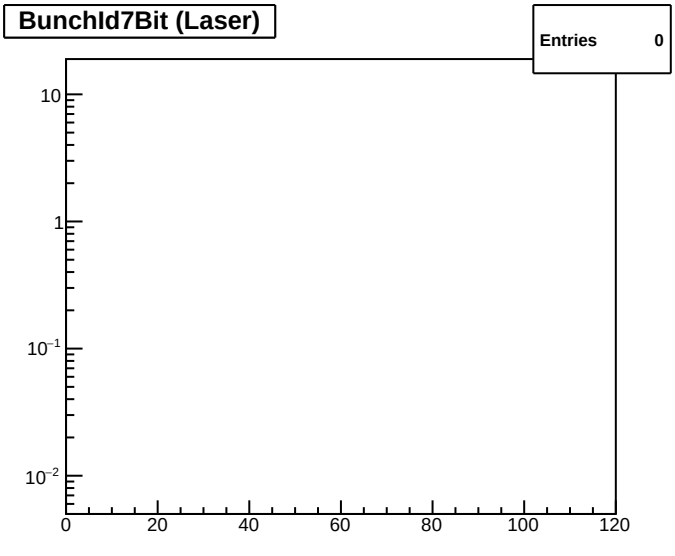
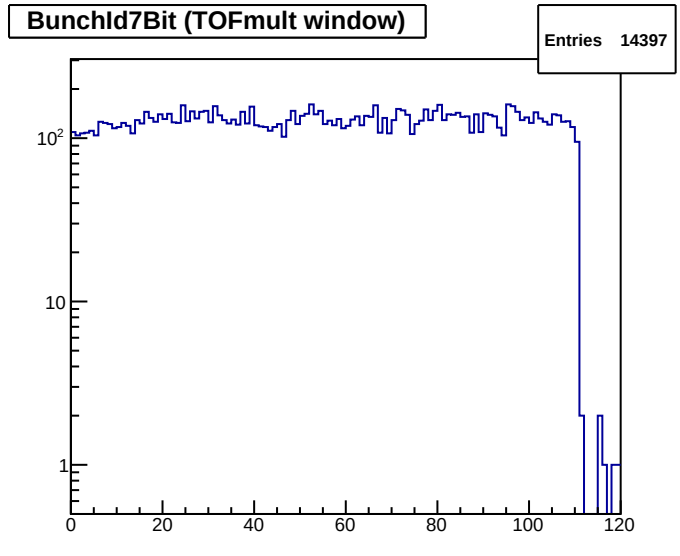

BunchId7Bit (VPD-TAC)
Entries 230133

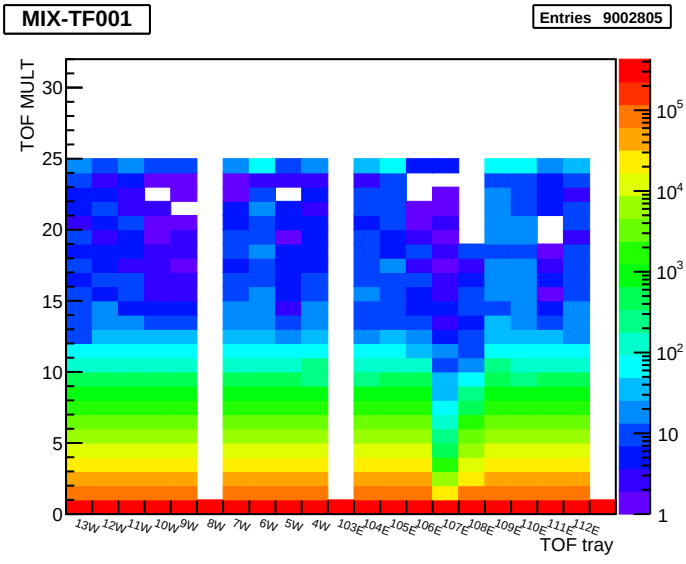

BunchId7Bit (ZDC-TAC)
Entries 964

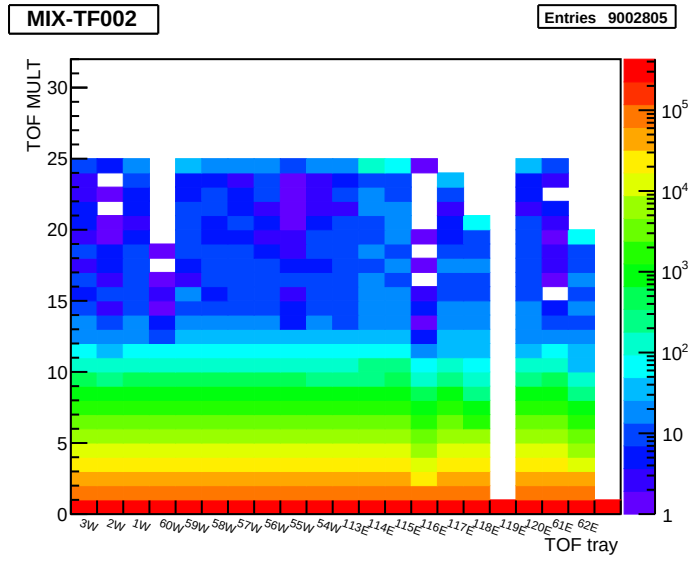

BunchId7Bit (EPD-TAC)
Entries 348620

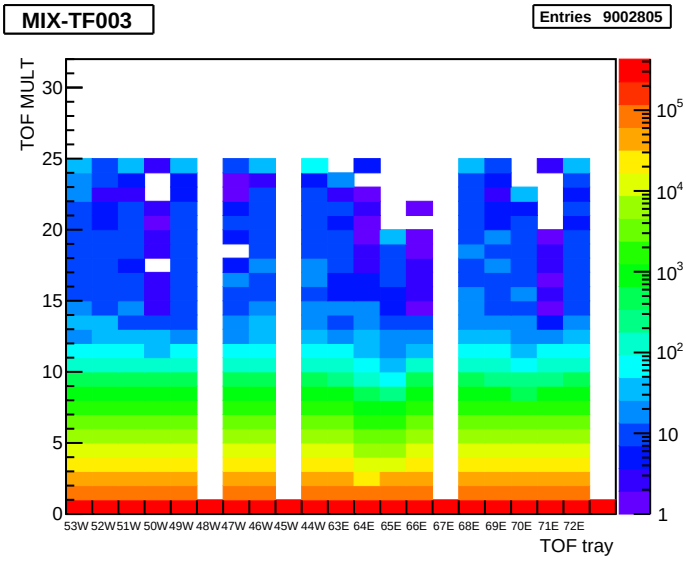

BunchId7Bit (BBC-TAC)
Entries 184364

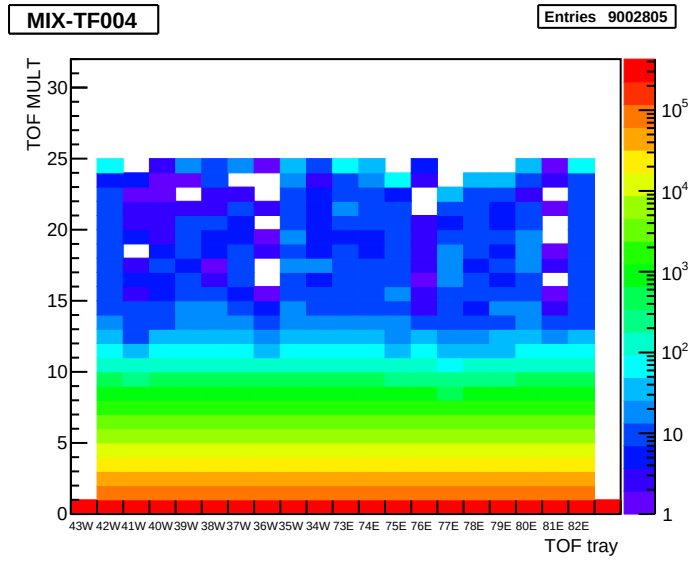

BunchId7Bit (Laser)
Entries 0

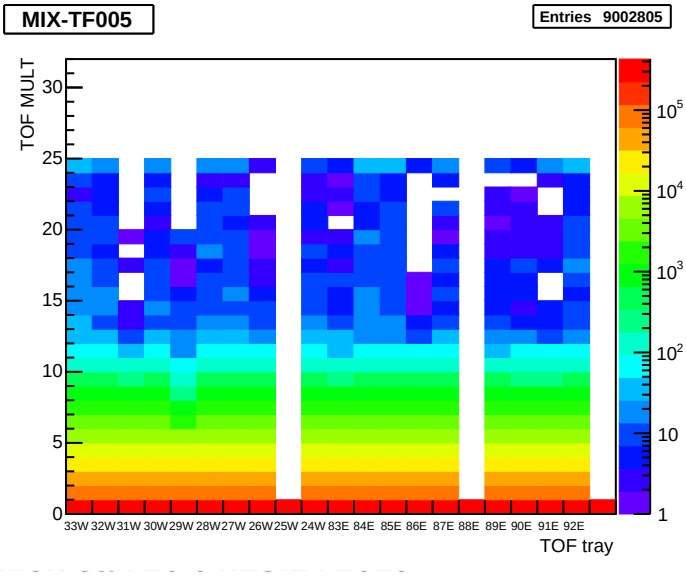

BunchId7Bit (TOFmult window)
Entries 14397

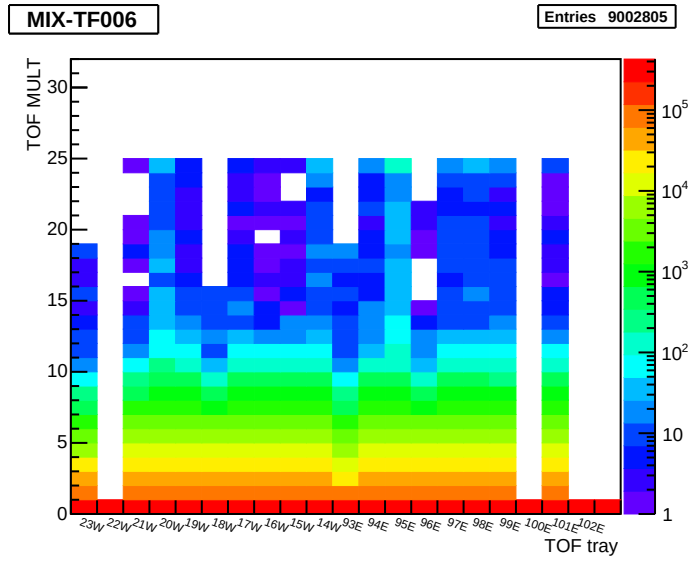

MIX-TF001
Entries 9002805
TOF MULT
TOF tray

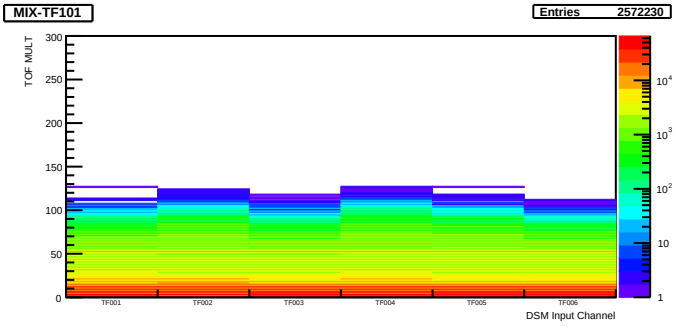

MIX-TF002
Entries 9002805
TOF MULT
TOF tray

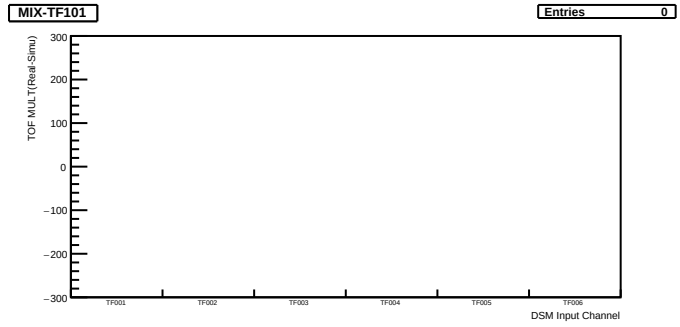

MIX-TF003
Entries 9002805
TOF MULT
TOF tray

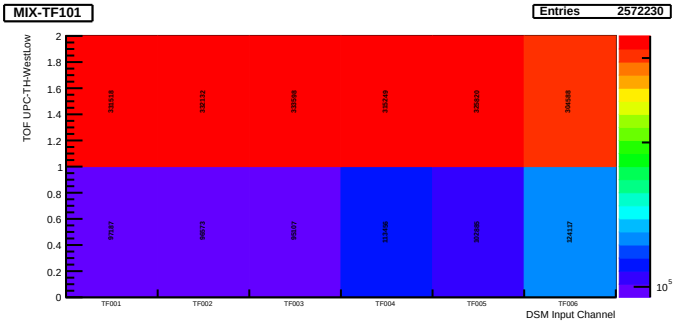

MIX-TF004
Entries 9002805
TOF MULT
TOF tray

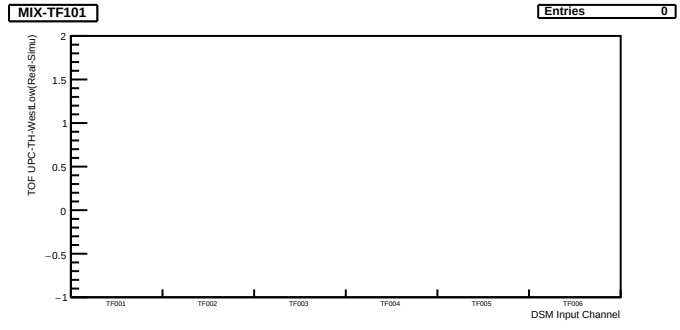

MIX-TF005
Entries 9002805
TOF MULT
TOF tray

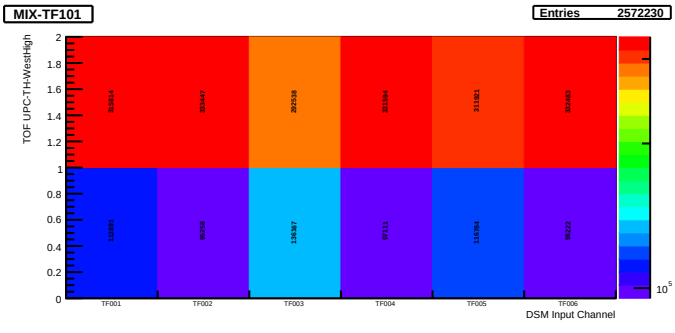

MIX-TF006
Entries 9002805
TOF MULT
TOF tray

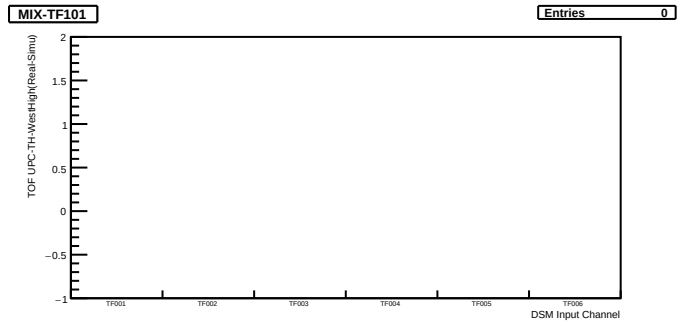

MIX-TF101
Entries 2572230
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

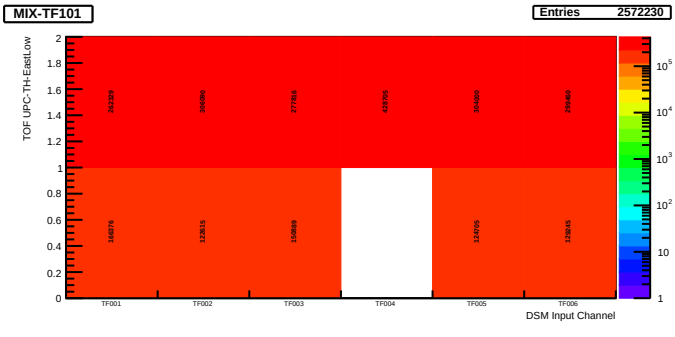

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

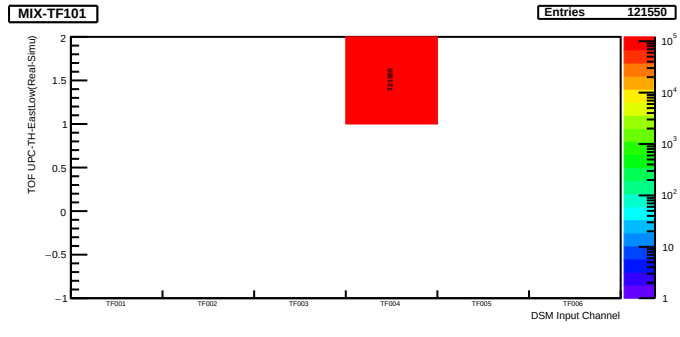

MIX-TF101
Entries 2572230
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

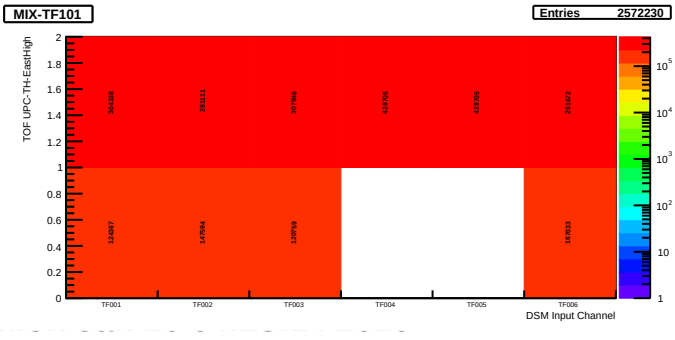

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

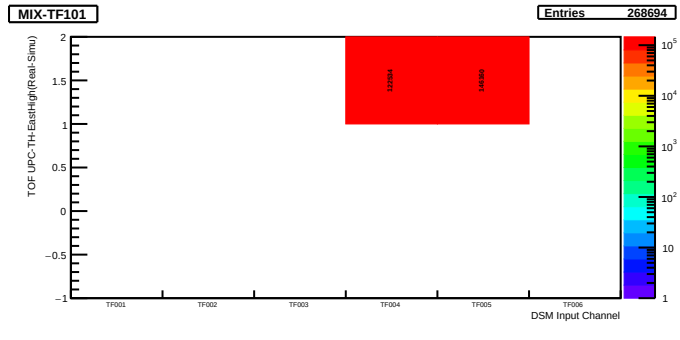

MIX-TF101
Entries 2572230
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

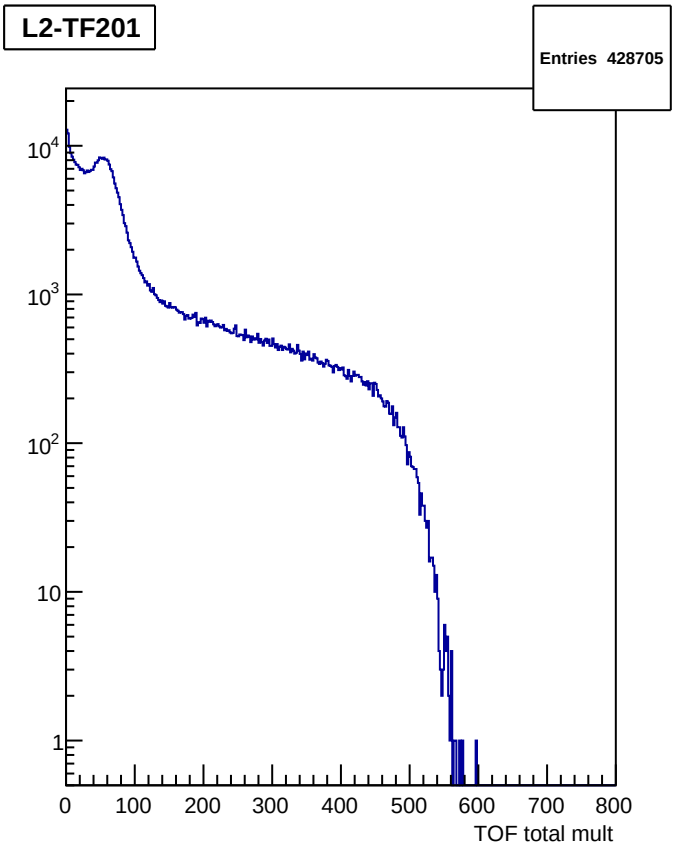

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

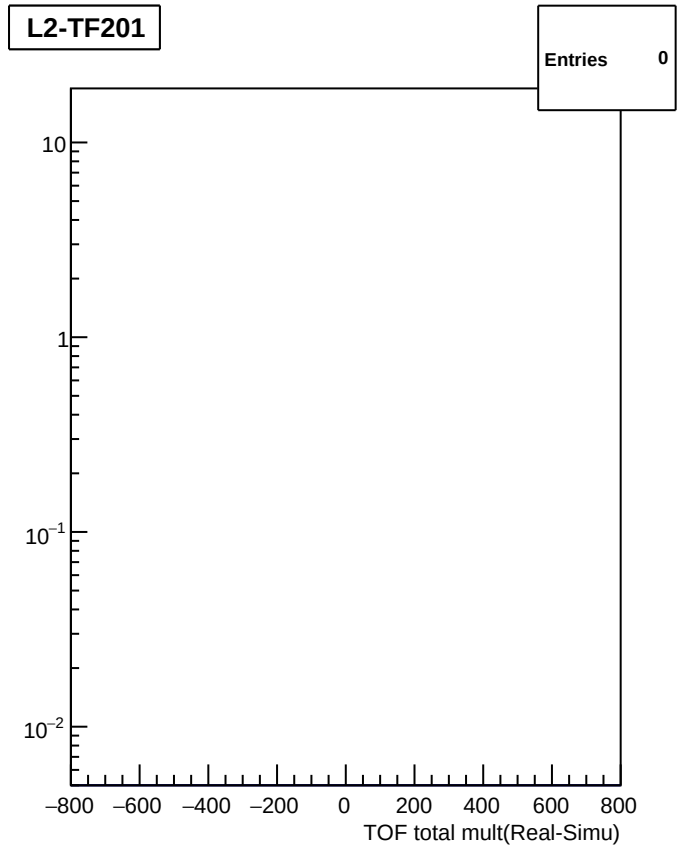

MIX-TF101
Entries 2572230
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

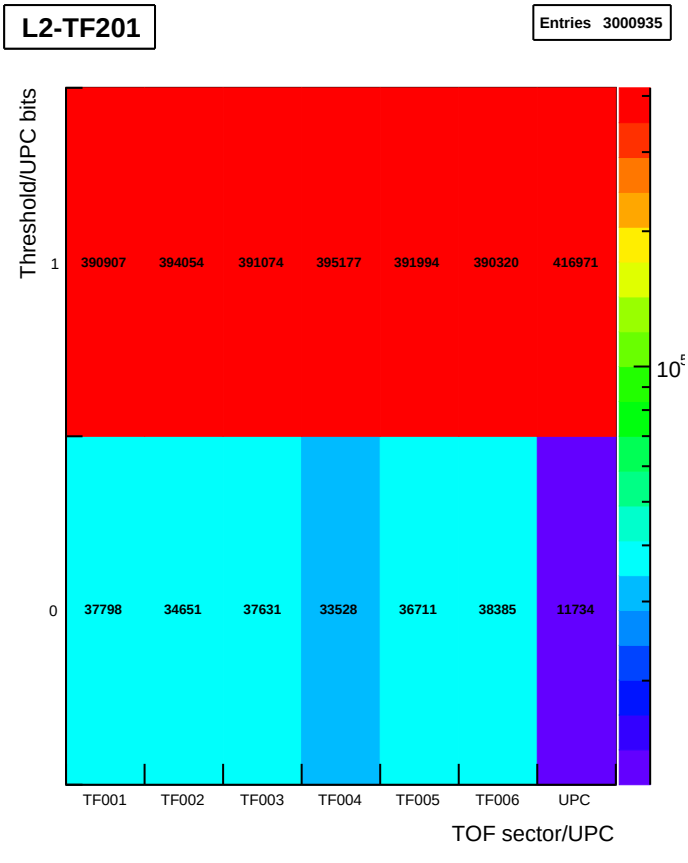

MIX-TF101
Entries 121550
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

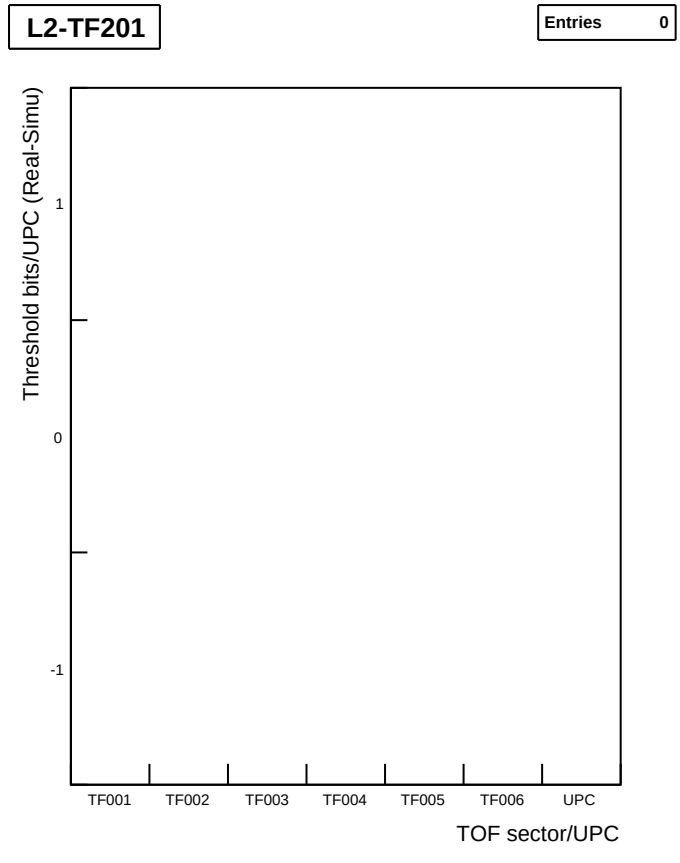

MIX-TF101
Entries 2572230
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

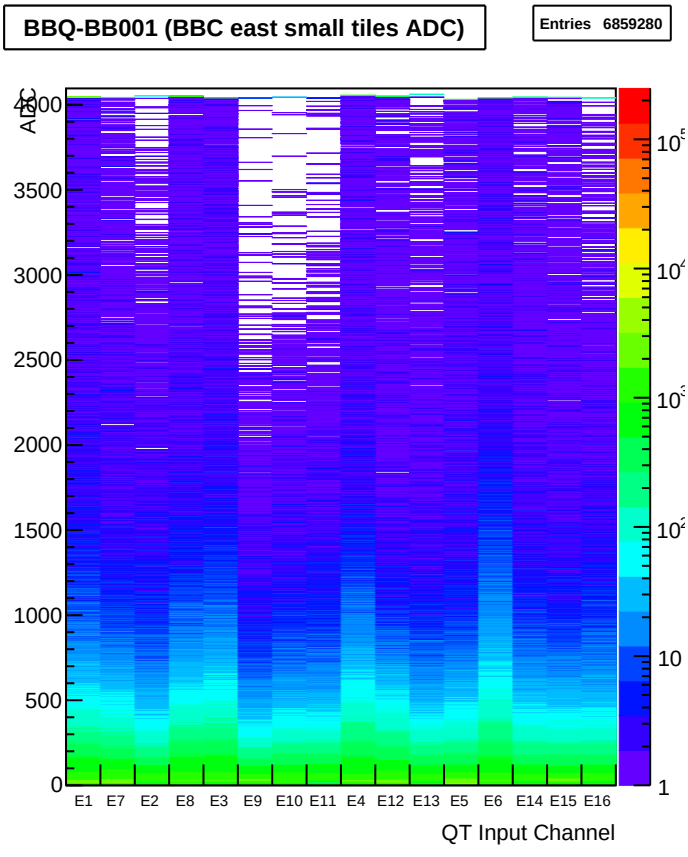

MIX-TF101
Entries 268694
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

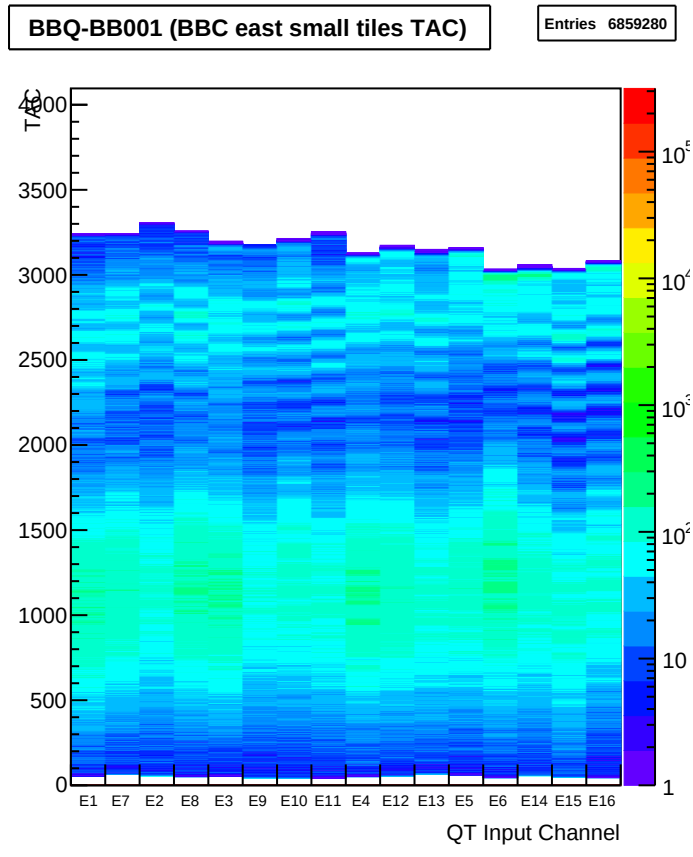

L2-TF201
Entries 428705
TOF total mult

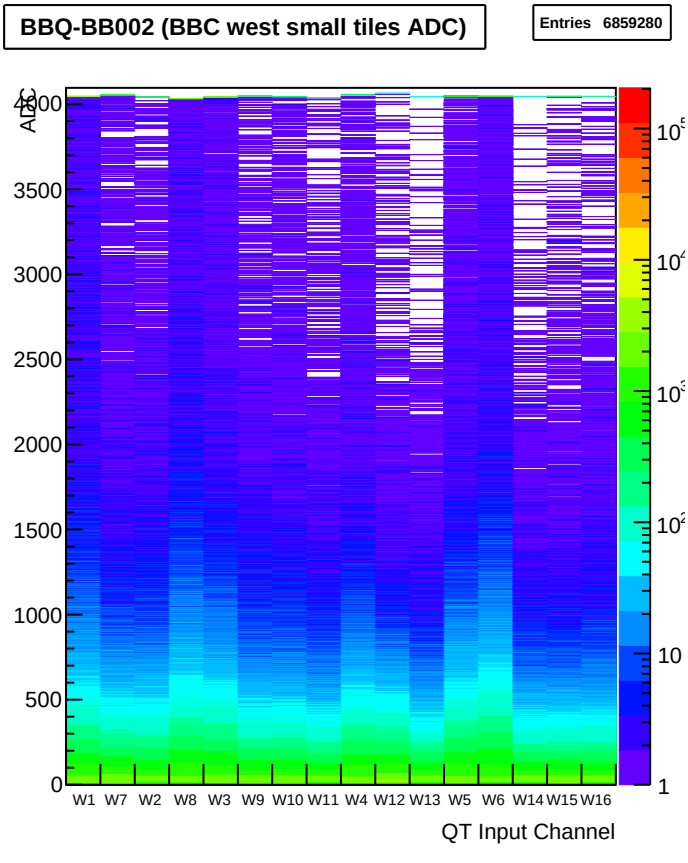

L2-TF201
Entries 0
TOF total mult(Real-Simu)

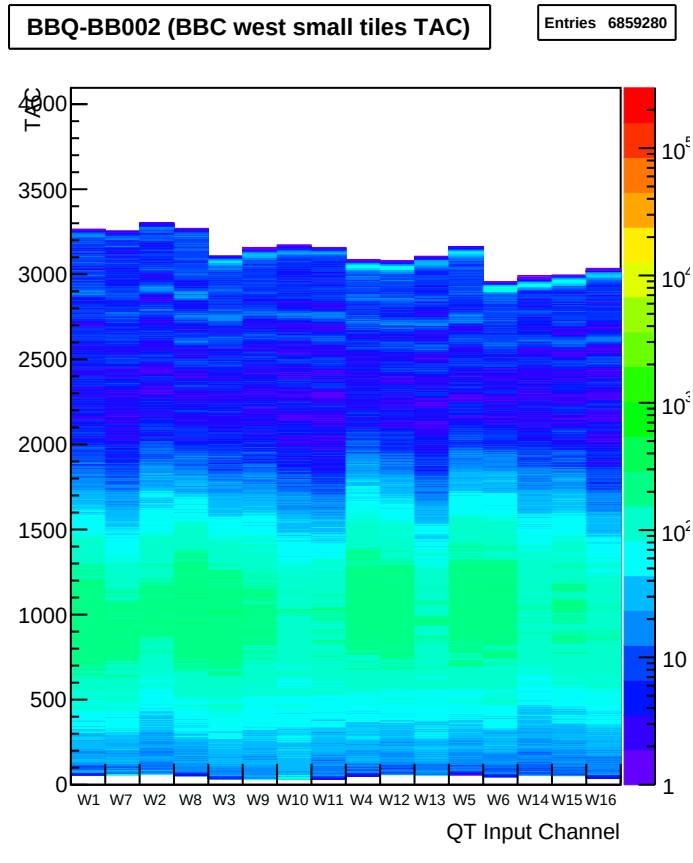

L2-TF201
Entries 3000935
Threshold/UPC bits
390907
394054
391074
395177
391994
390320
416971
37798
34651
37631
33528
36711
38385
11734
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

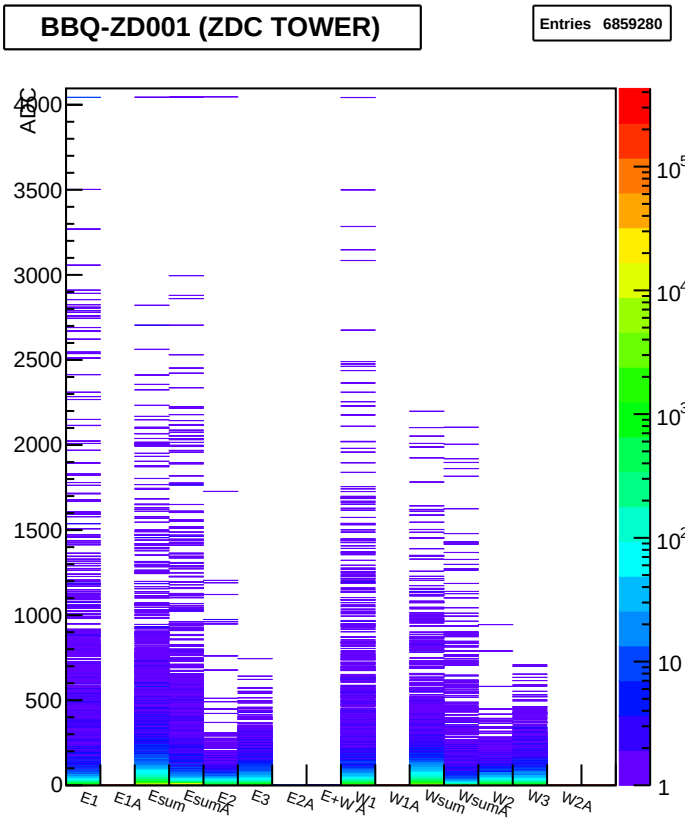

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

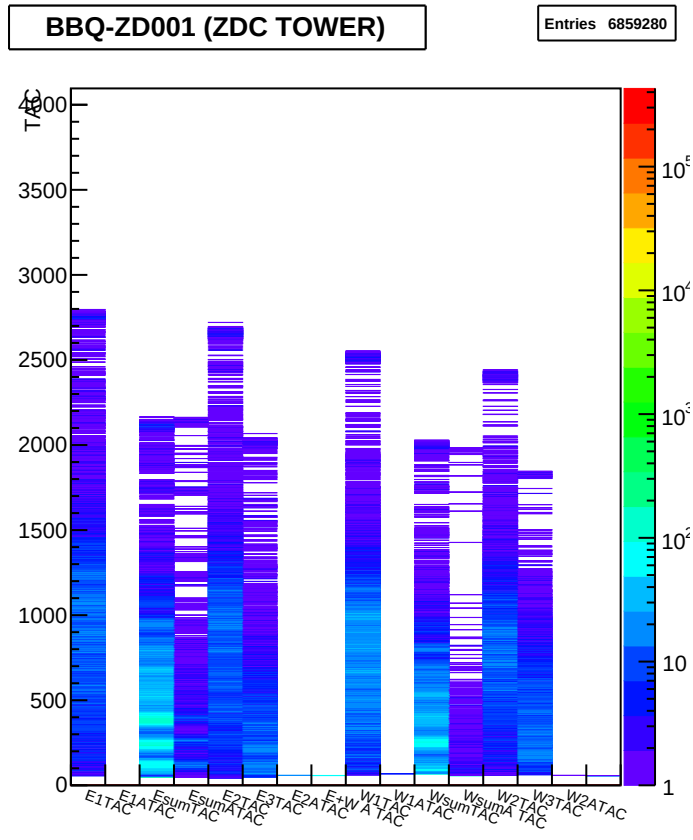

BBQ-BB001 (BBC east small tiles ADC)
Entries 6859280
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

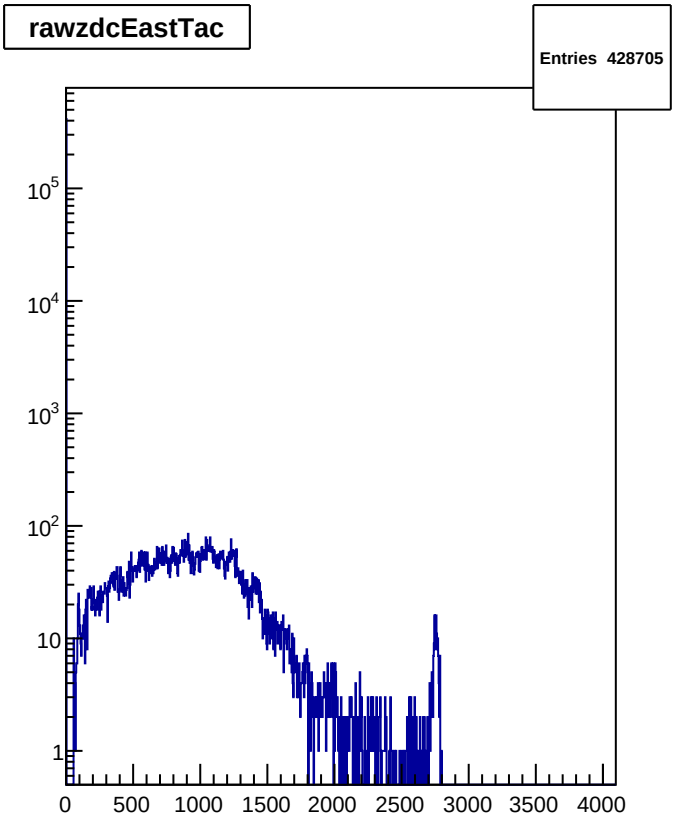

BBQ-BB001 (BBC east small tiles TAC)
Entries 6859280
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

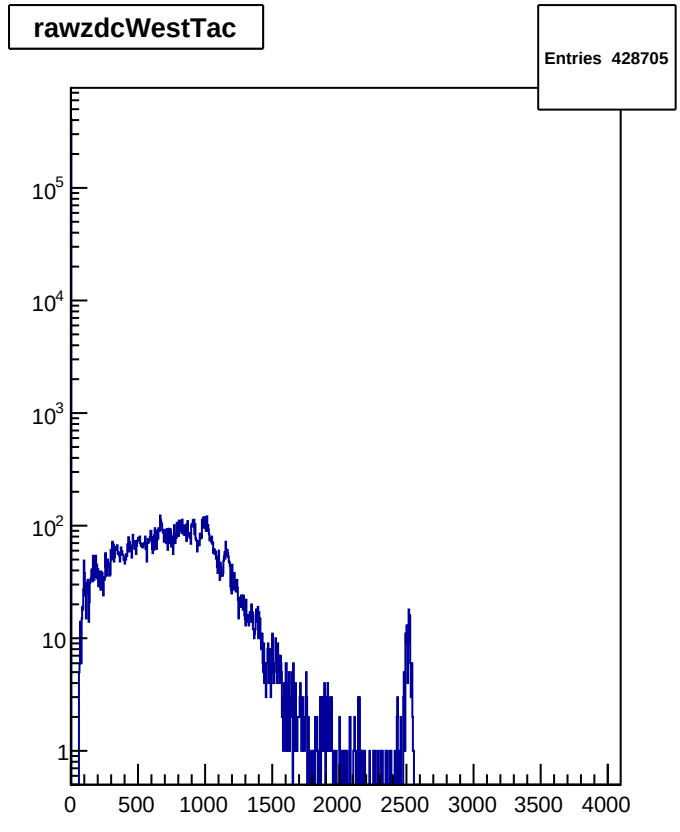

BBQ-BB002 (BBC west small tiles ADC)
Entries 6859280
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

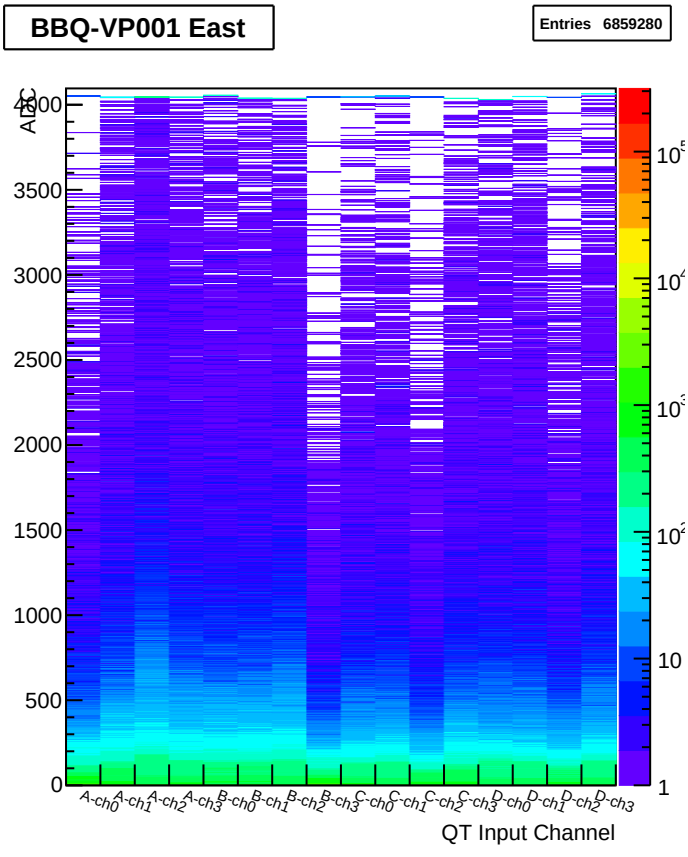

BBQ-BB002 (BBC west small tiles TAC)
Entries 6859280
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

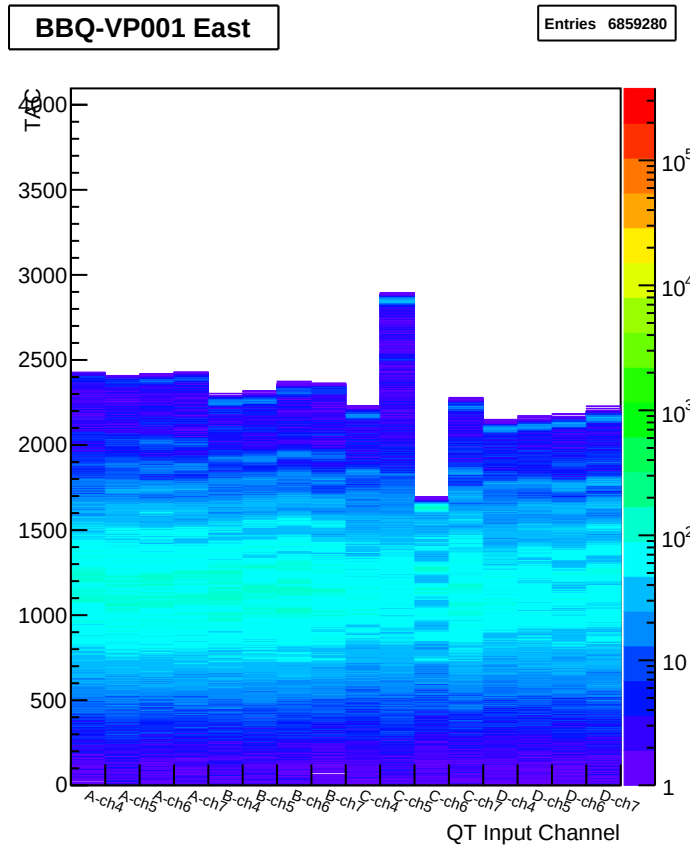

BBQ-ZD001 (ZDC TOWER)
Entries 6859280
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

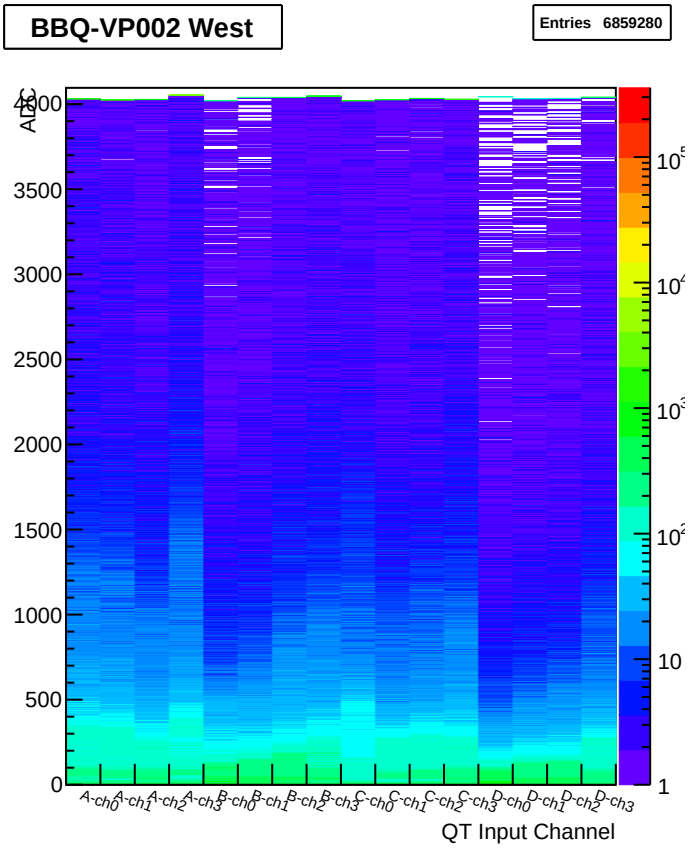

BBQ-ZD001 (ZDC TOWER)
Entries 6859280
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

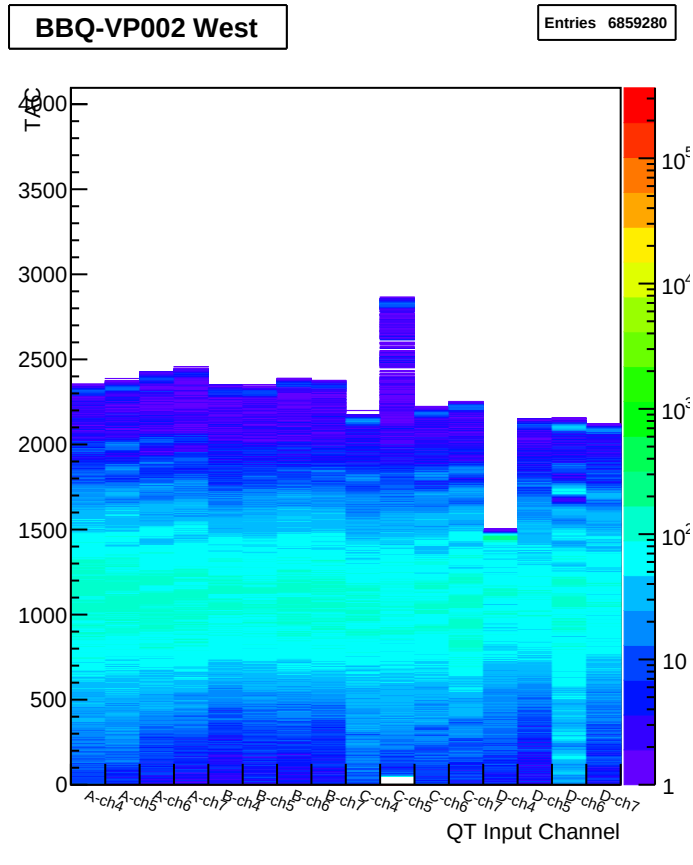

rawzdcEastTac
Entries 428705

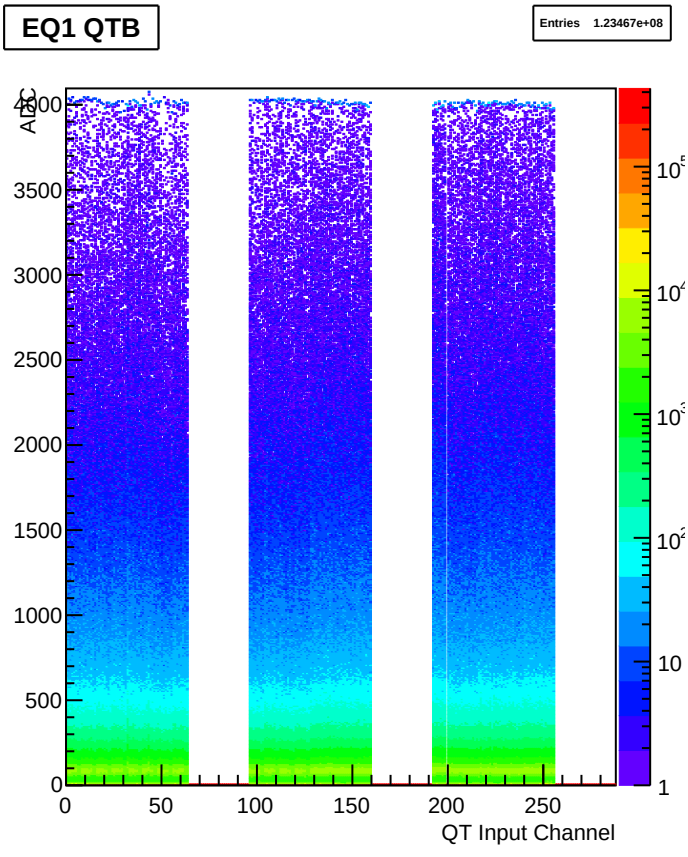

rawzdcWestTac
Entries 428705

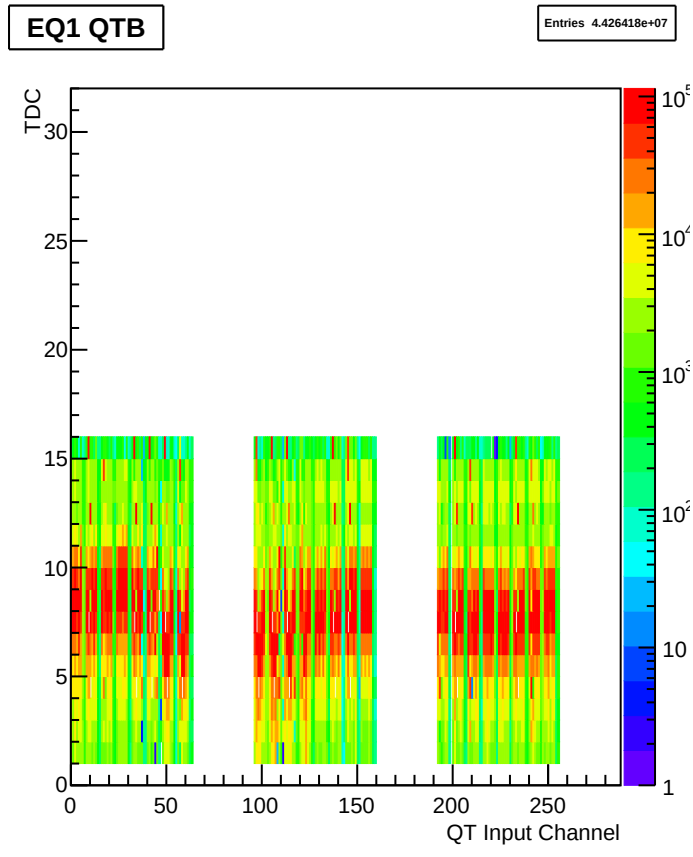

BBQ-VP001 East
Entries 6859280
ADC
QT Input Channel

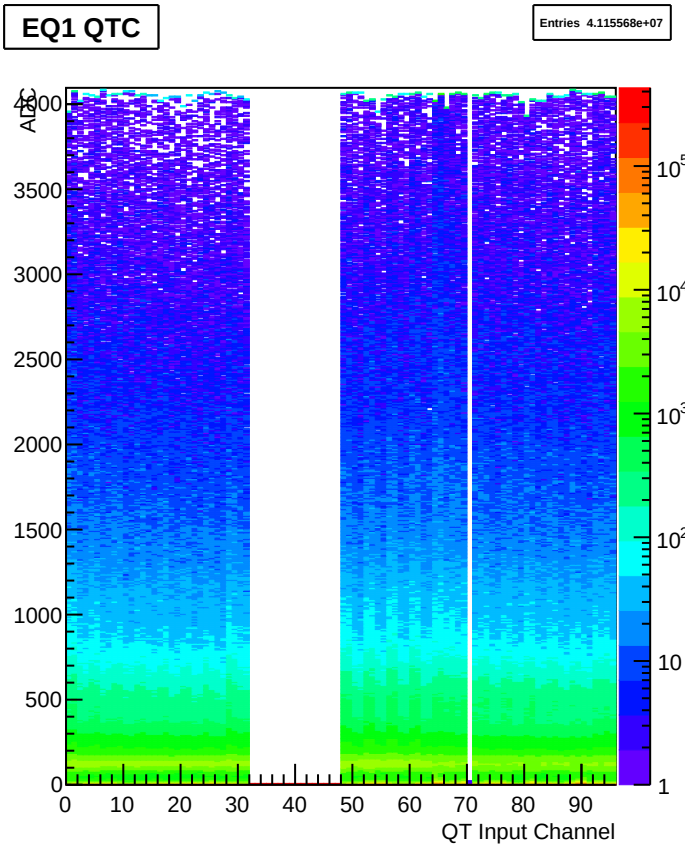

BBQ-VP001 East
Entries 6859280
TAC
QT Input Channel

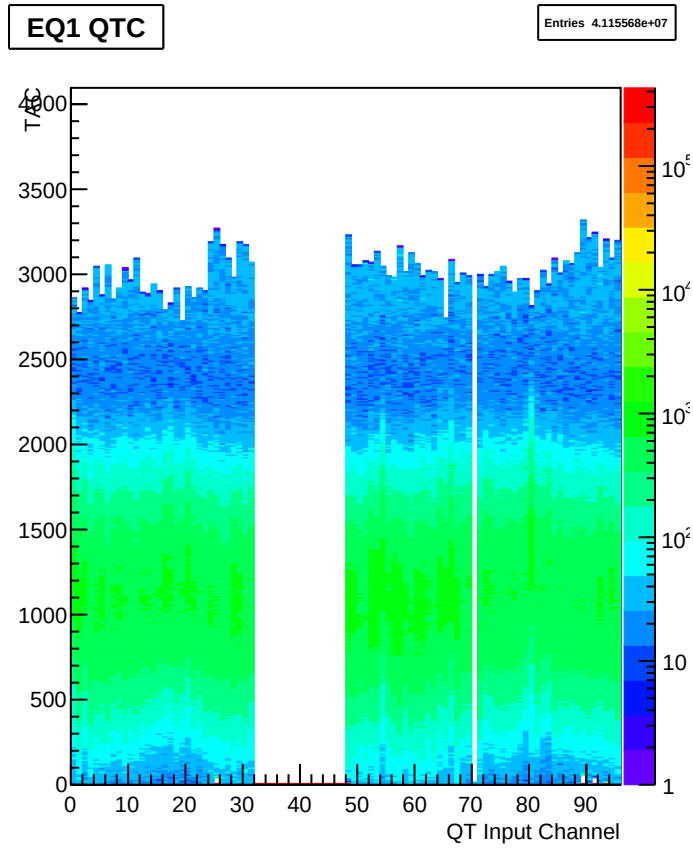

BBQ-VP002 West
Entries 6859280
ADC
QT Input Channel

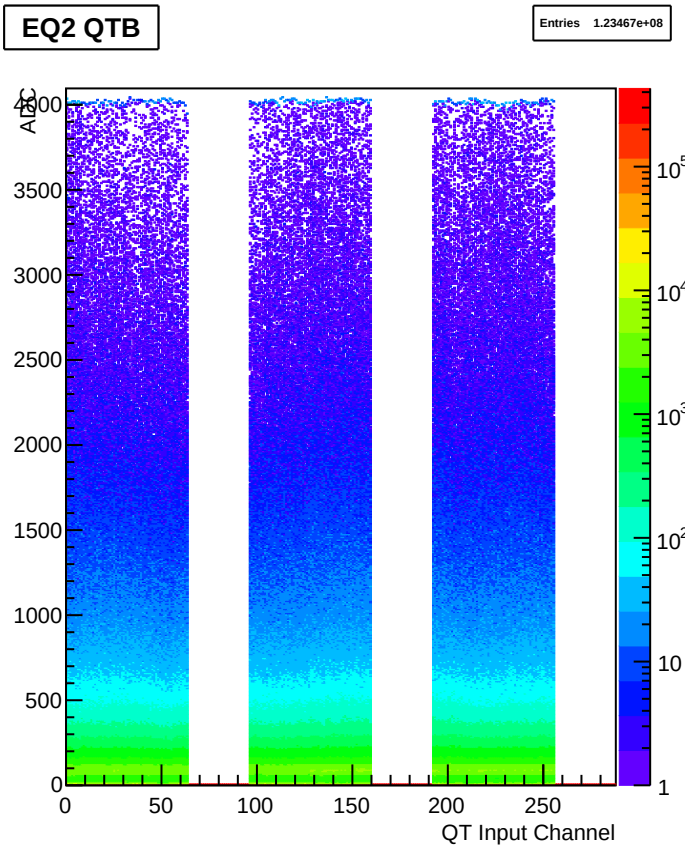

BBQ-VP002 West
Entries 6859280
TAC
QT Input Channel

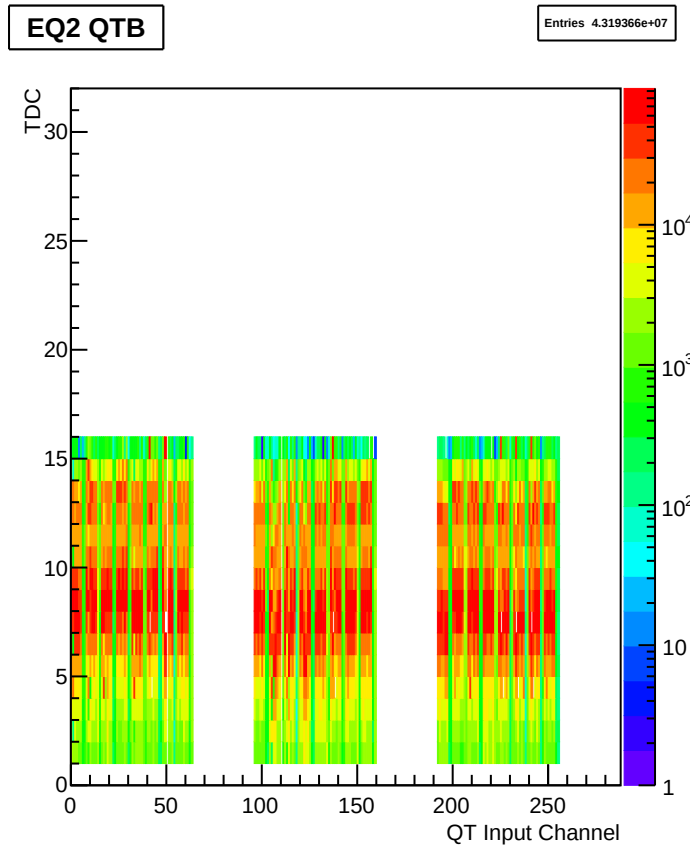

EQ1 QTB
Entries 1.23467e+08
ADC
QT Input Channel

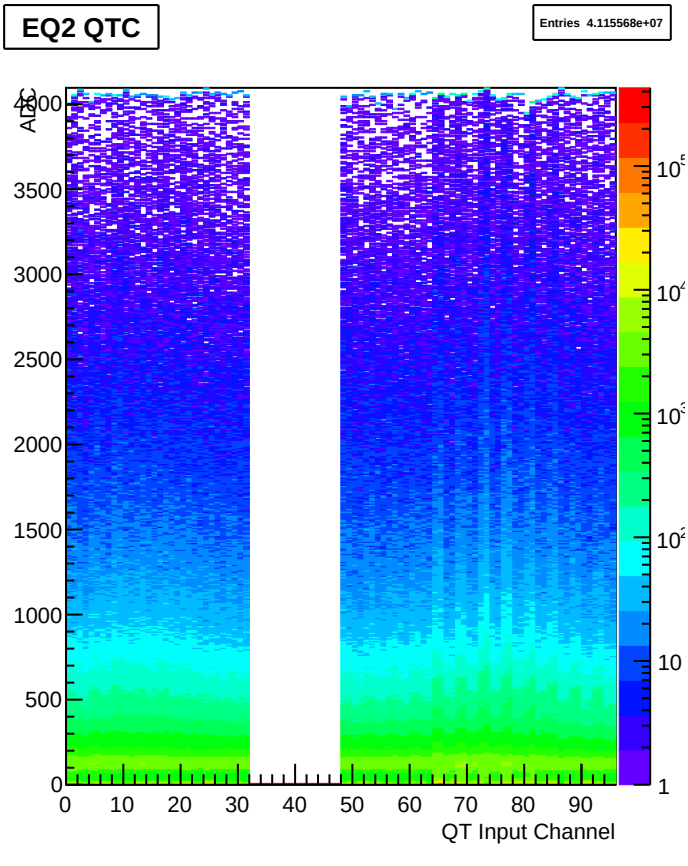

EQ1 QTB
Entries 4.426418e+07
TDC
QT Input Channel

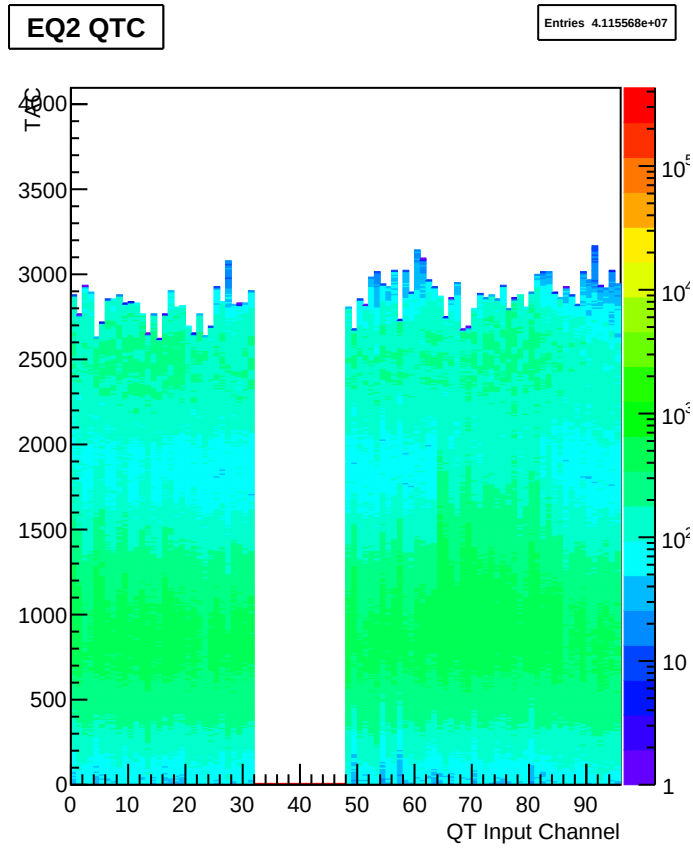

EQ1 QTC
Entries 4.115568e+07
ADC
QT Input Channel

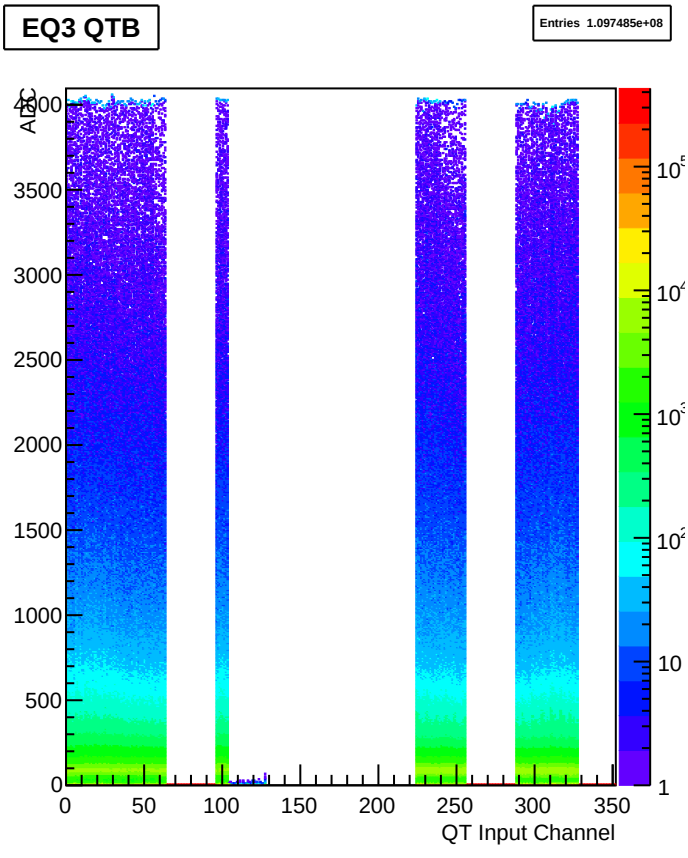

EQ1 QTC
Entries 4.115568e+07
TADC
QT Input Channel

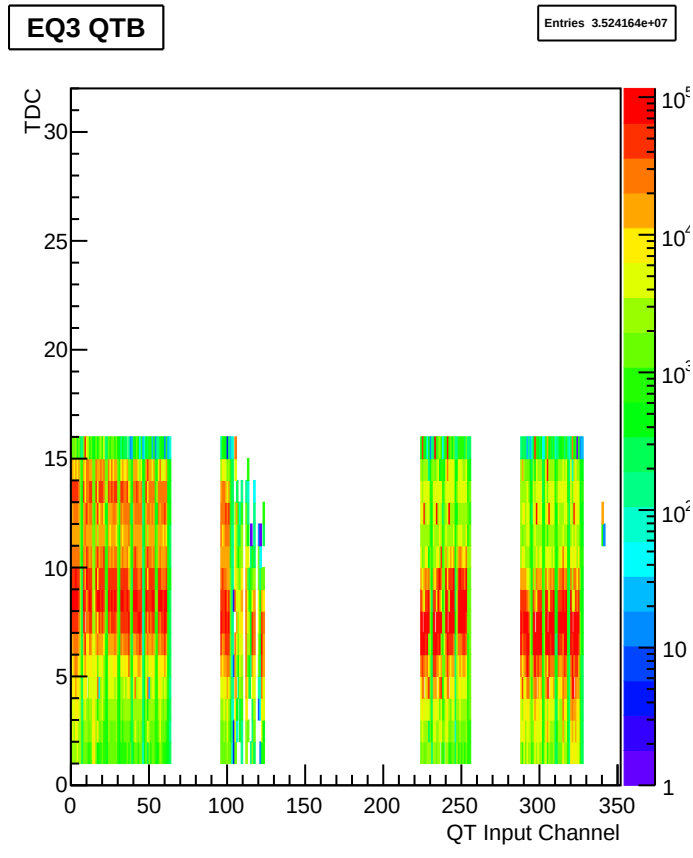

EQ2 QTB
Entries 1.23467e+08
ADC
QT Input Channel

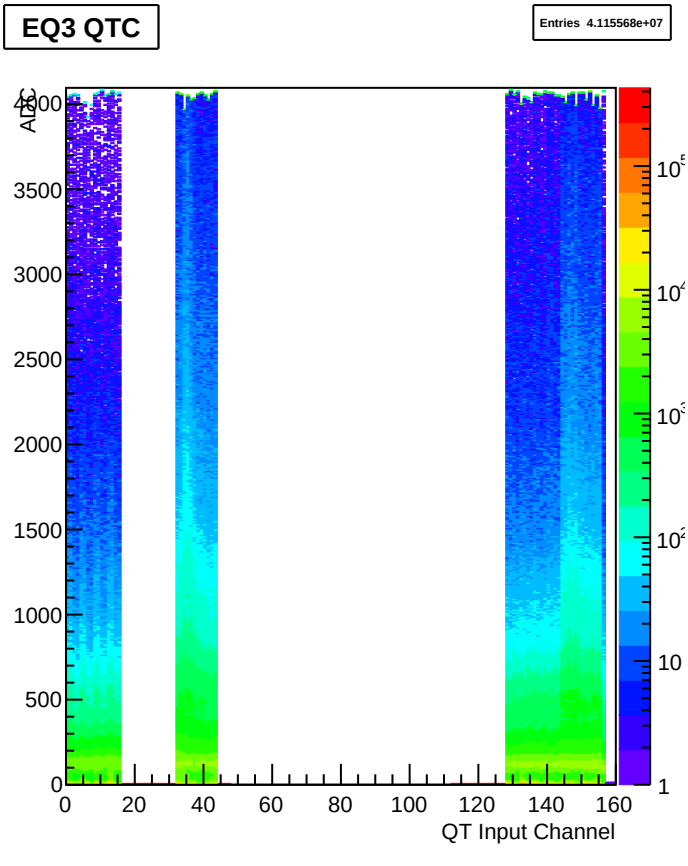

EQ2 QTB
Entries 4.319366e+07
TDC
QT Input Channel

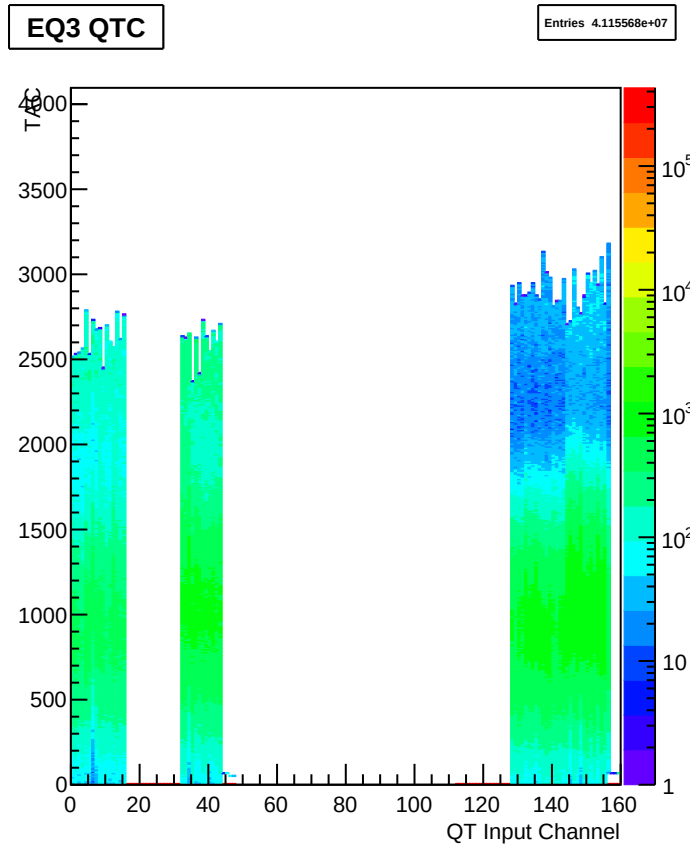

EQ2 QTC
Entries 4.115568e+07
ADC
QT Input Channel

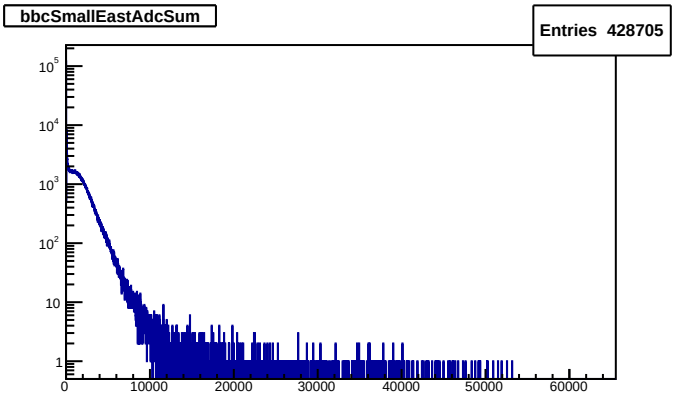

EQ2 QTC
Entries 4.115568e+07
TADC
QT Input Channel

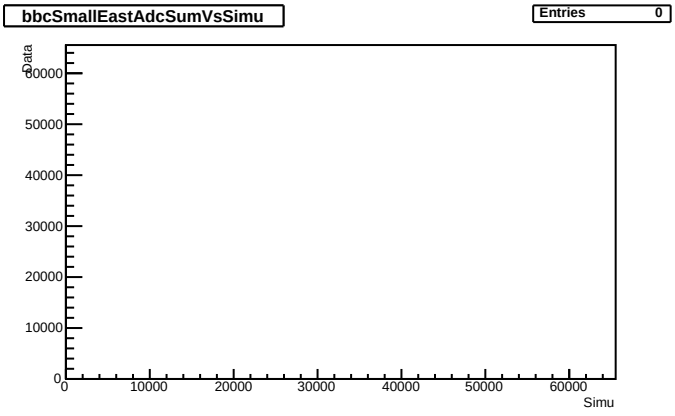

EQ3 QTB
Entries 1.097485e+08
ADC
QT Input Channel

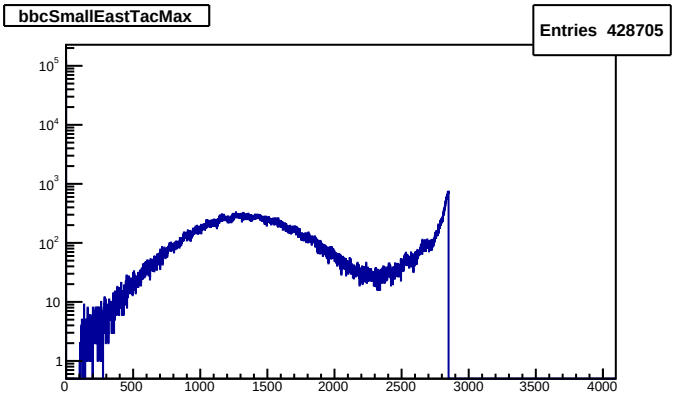

EQ3 QTB
Entries 3.524164e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.115568e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.115568e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 428705


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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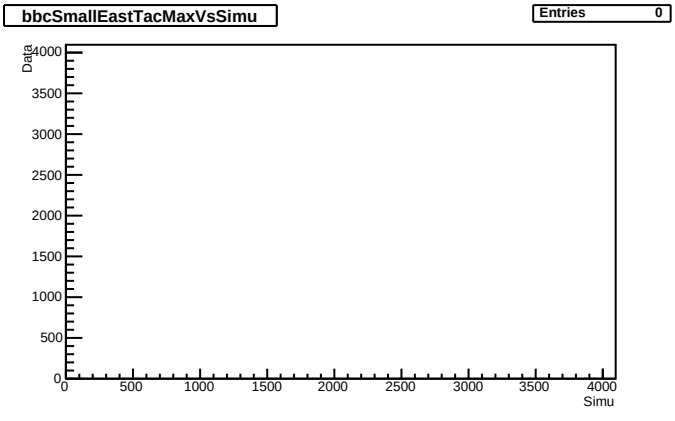
Entries 428705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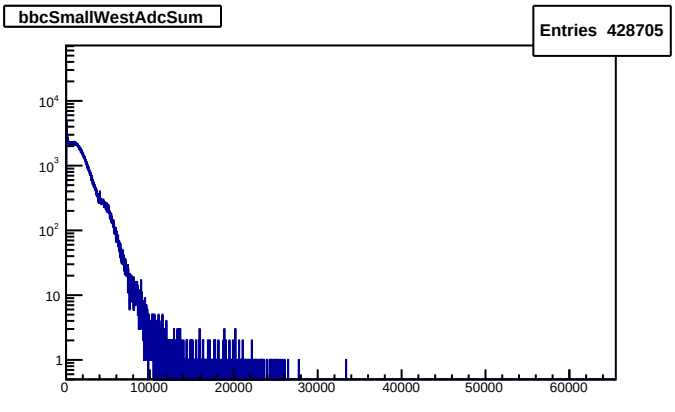
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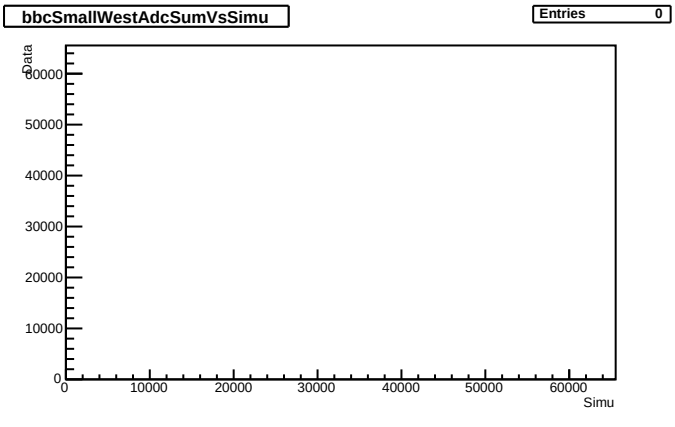
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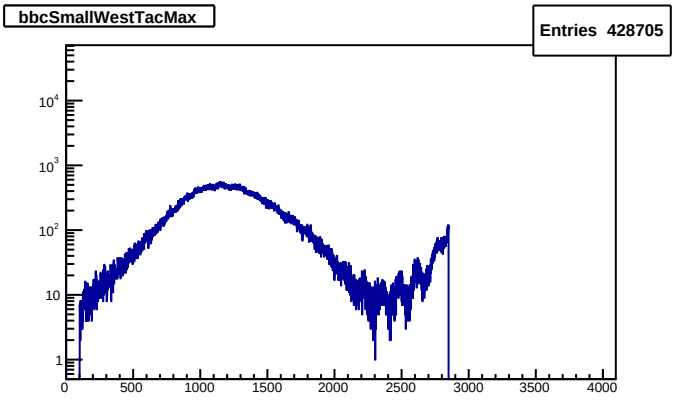
Simu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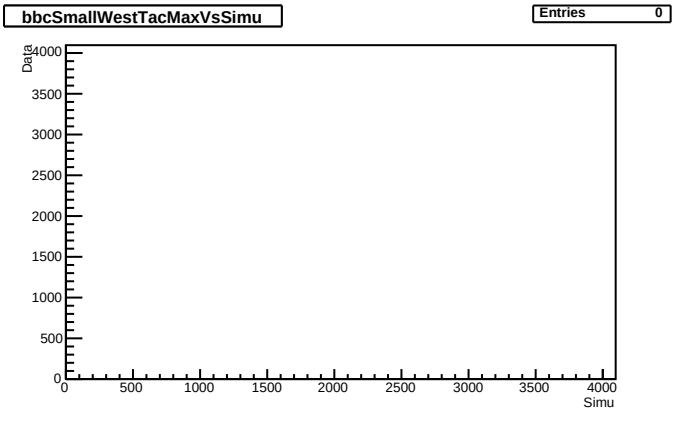
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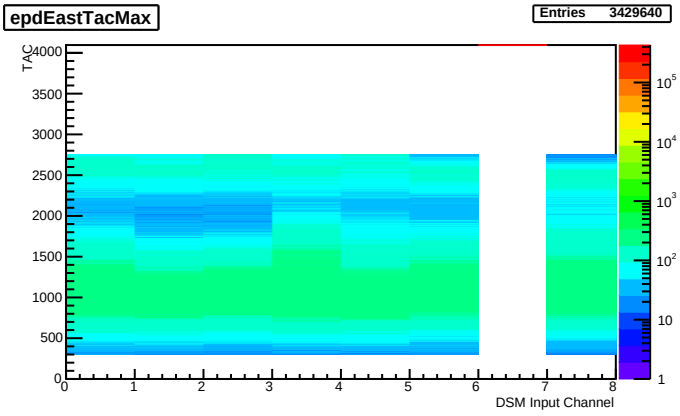
Entries 0
Data
Simu


epdEastTacMax
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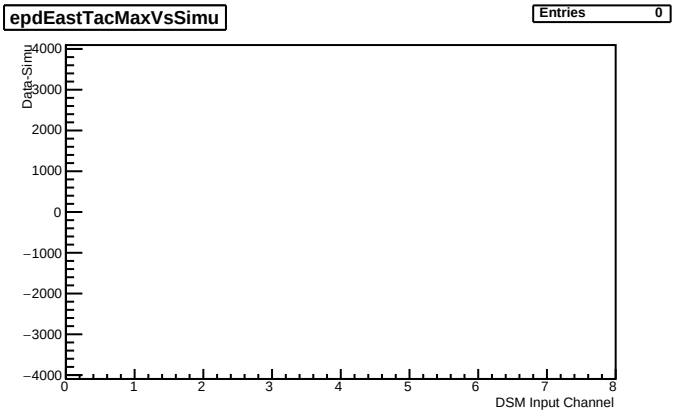
DSM Input Channel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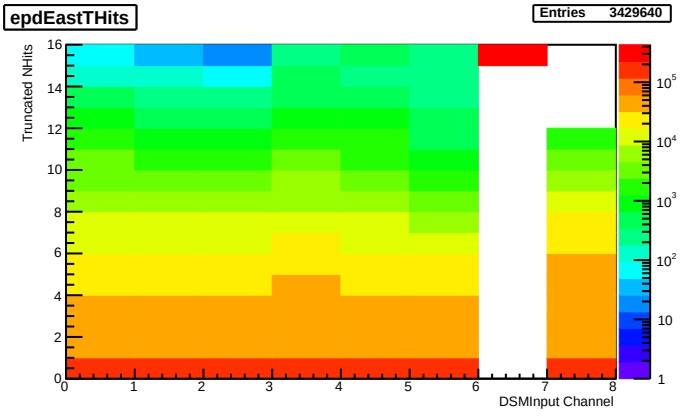
Data-Simu
DSM Input Channel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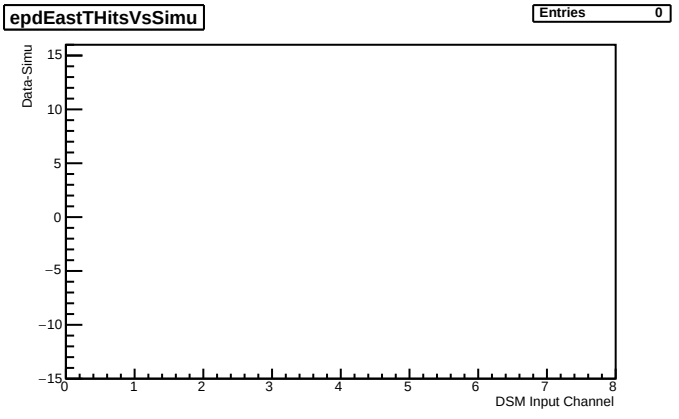
Truncated NHits
DSMInput Channel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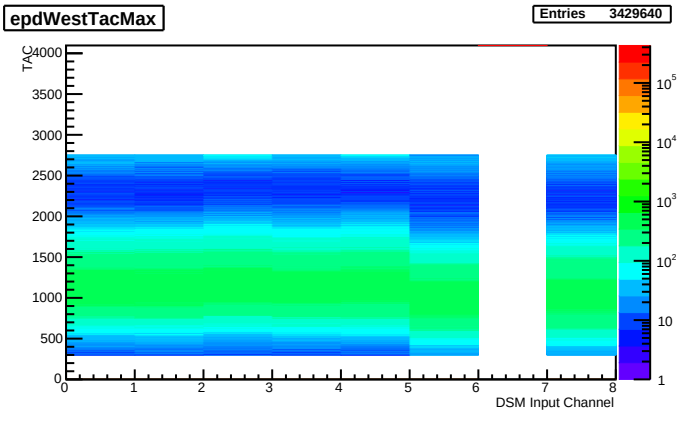
DSM Input Channel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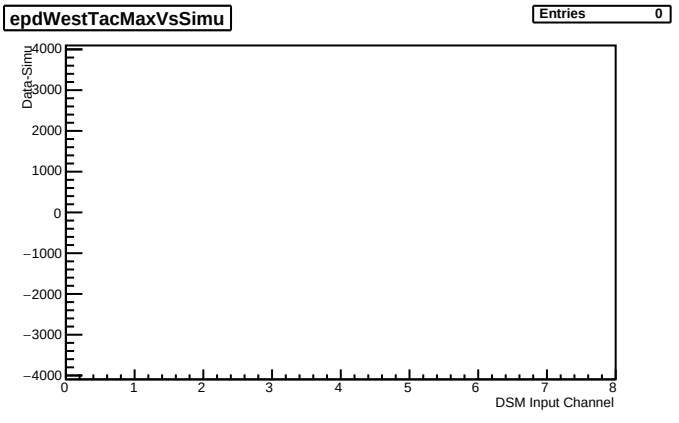
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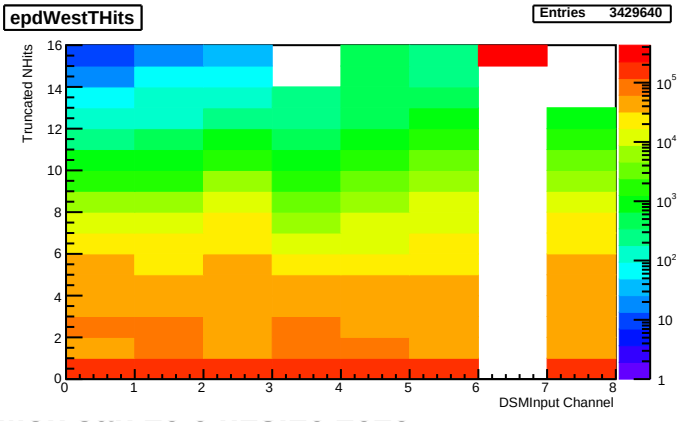
Data-Simu
DSM Input Channel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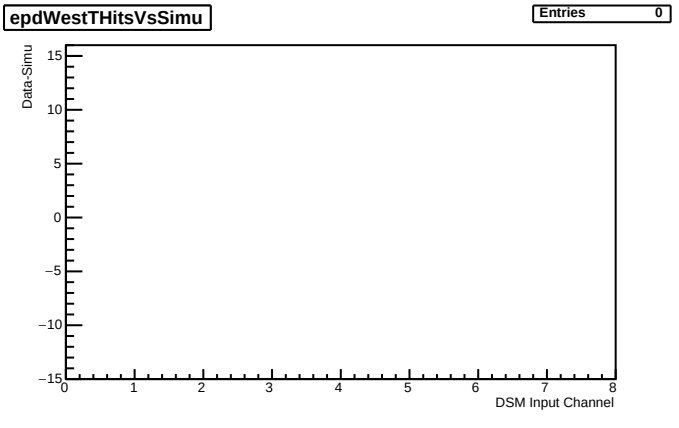
Entries 3429640
Truncated NHits
DSMInput Channel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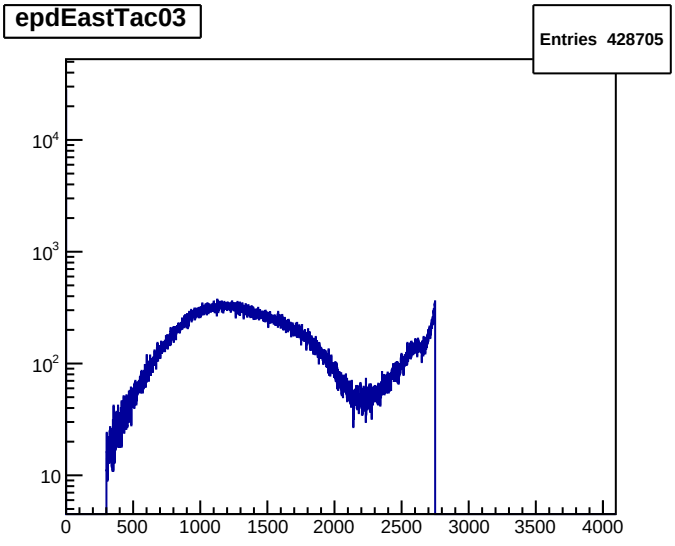
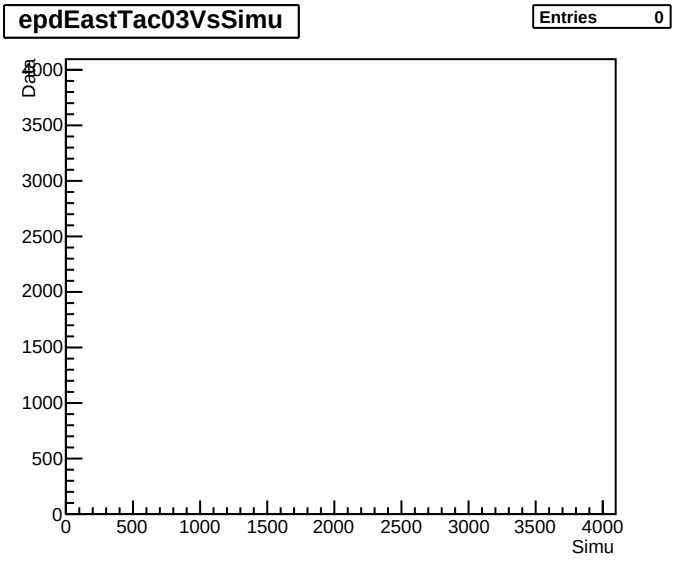
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 428705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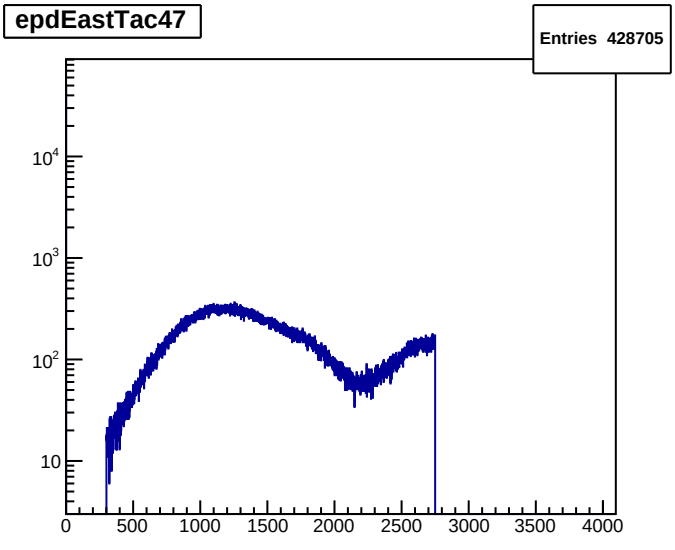
Entries 0
Data
Simu


epdEastTac47
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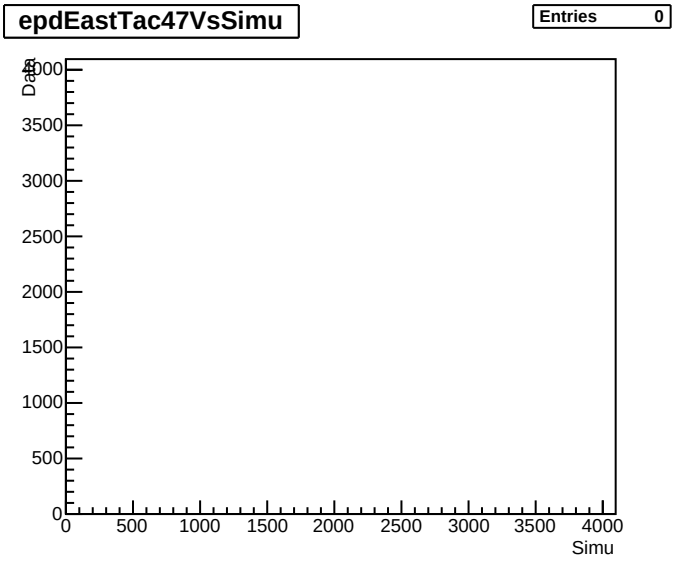
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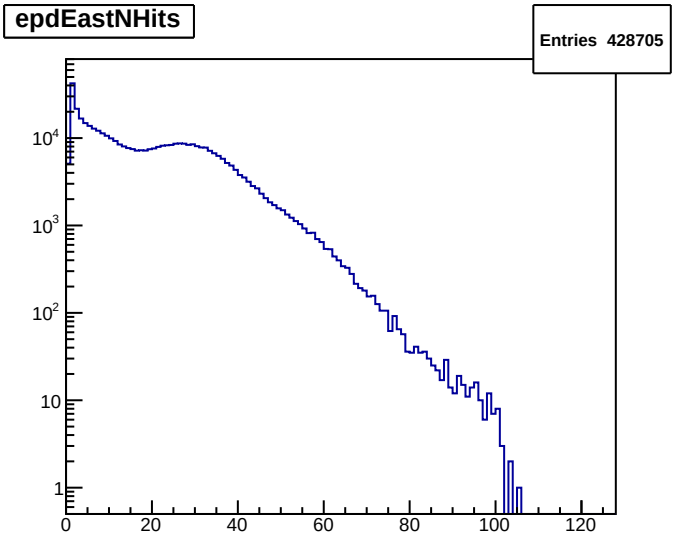
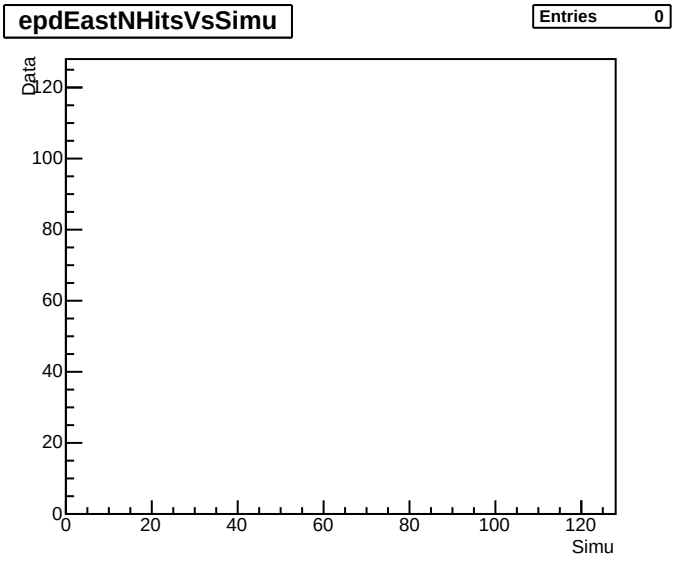
Entries 0
Data
Simu


epdEastNHits
Entries 428705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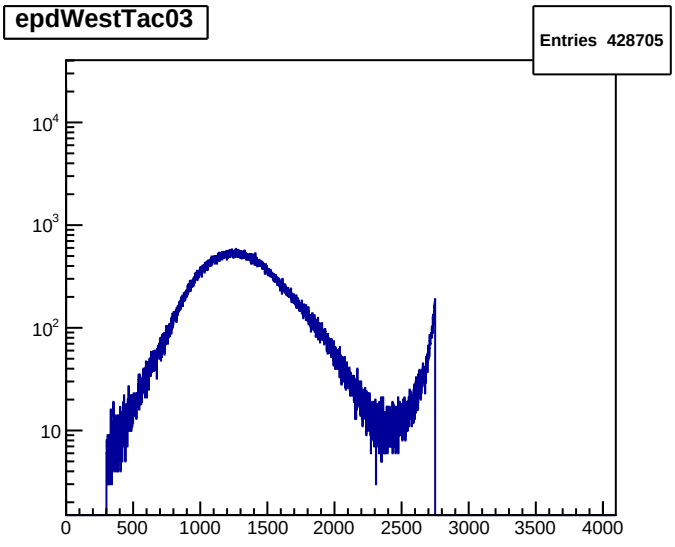
Data
Simu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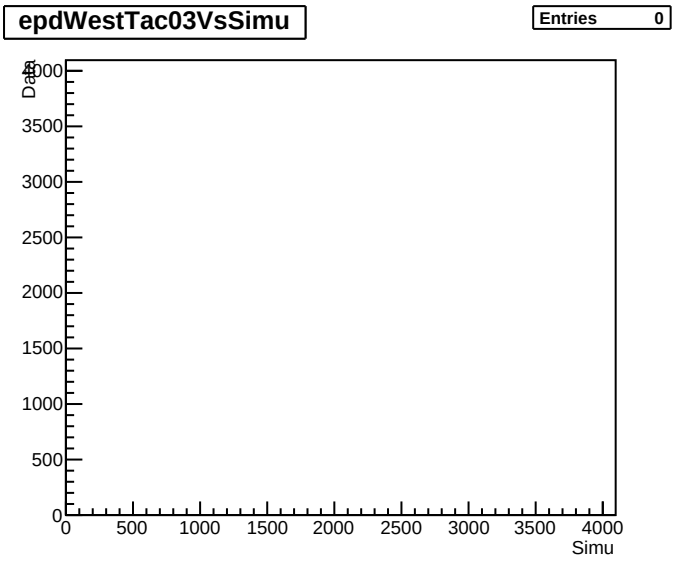
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Data
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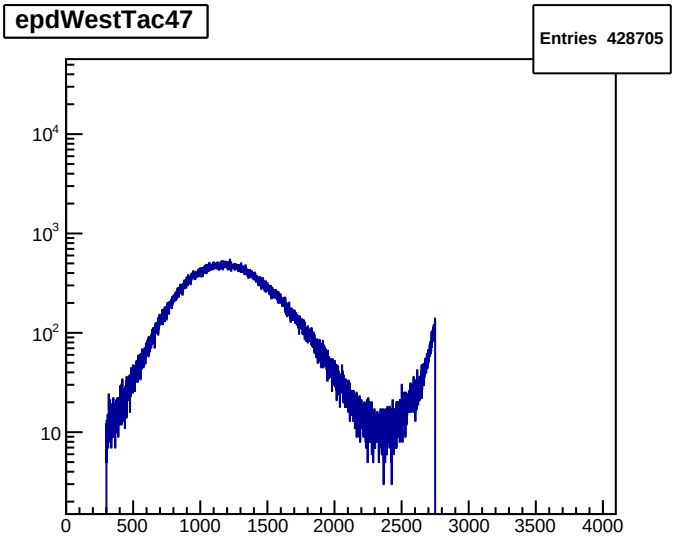
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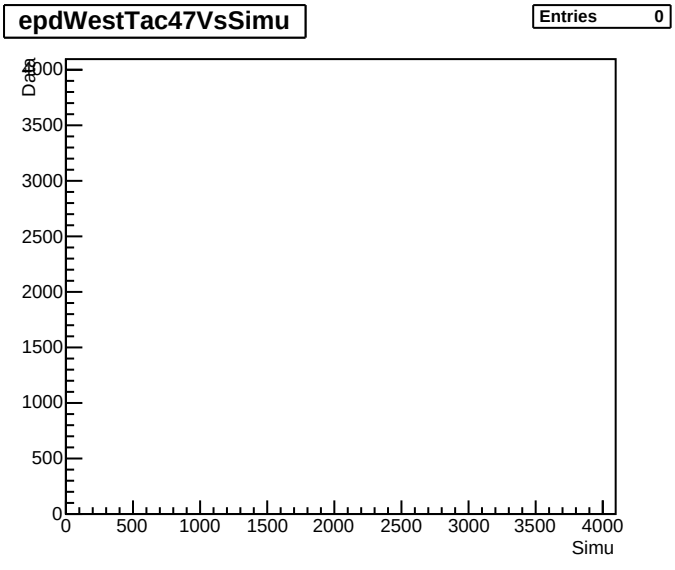
Entries 428705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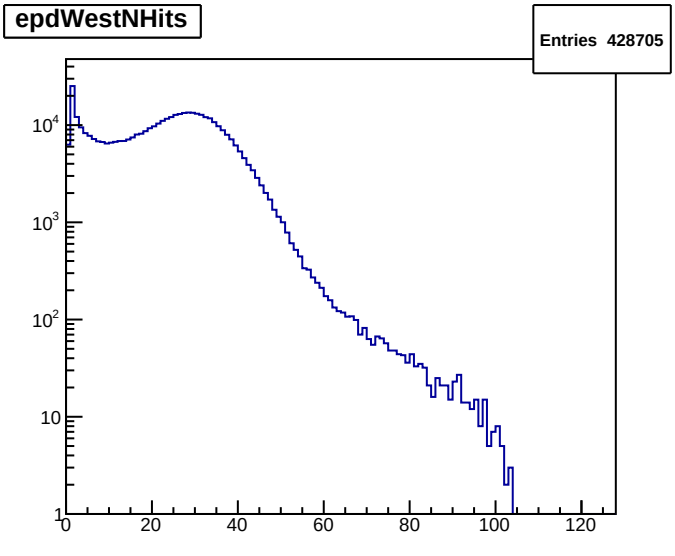
Data
Simu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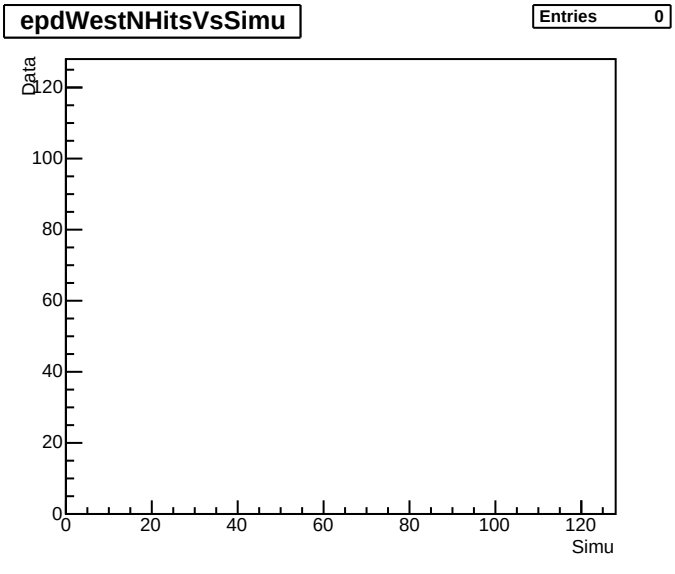
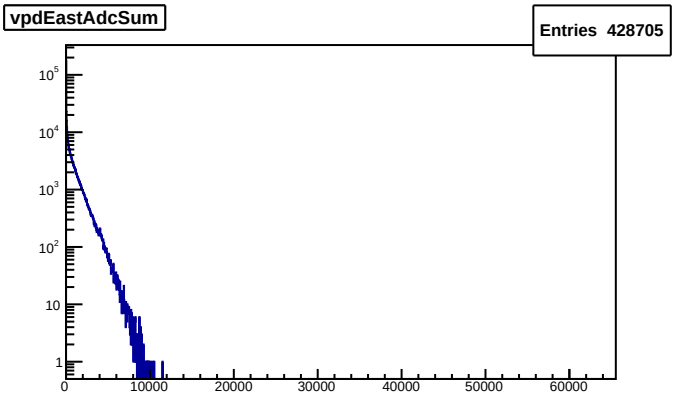
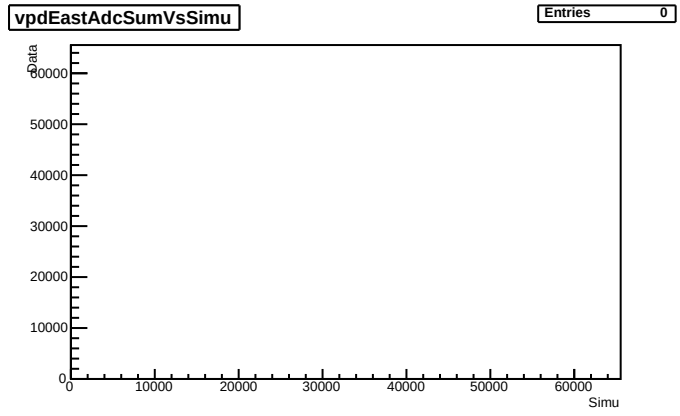
Entries 428705


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 428705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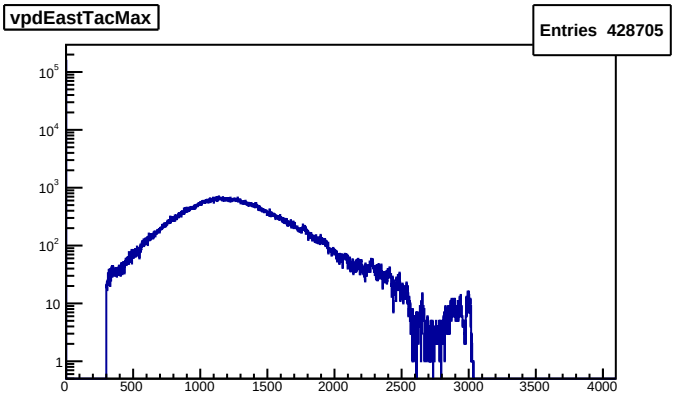
Entries 0
Data
Simu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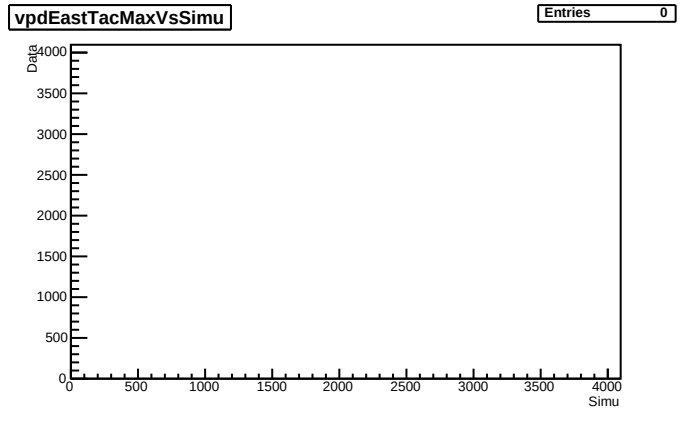
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Data
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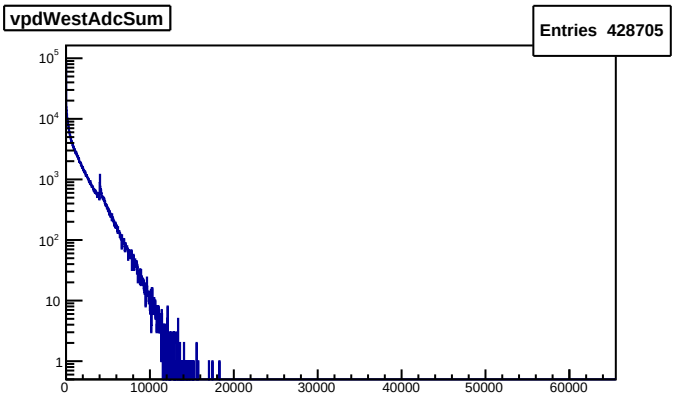
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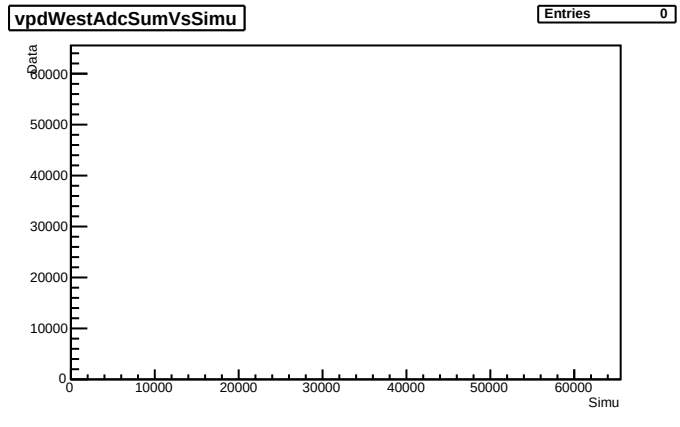
Entries 428705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Entries 0
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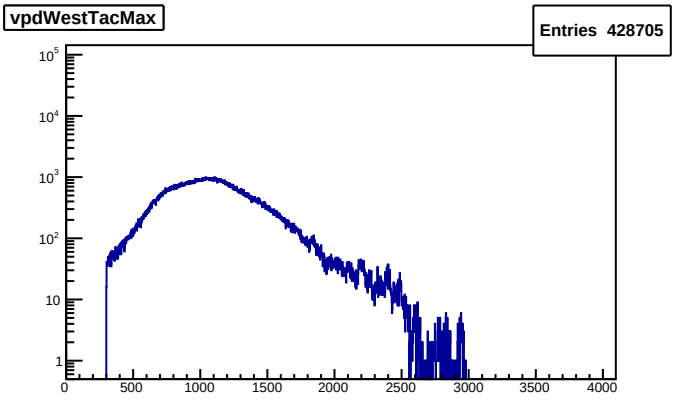
Simu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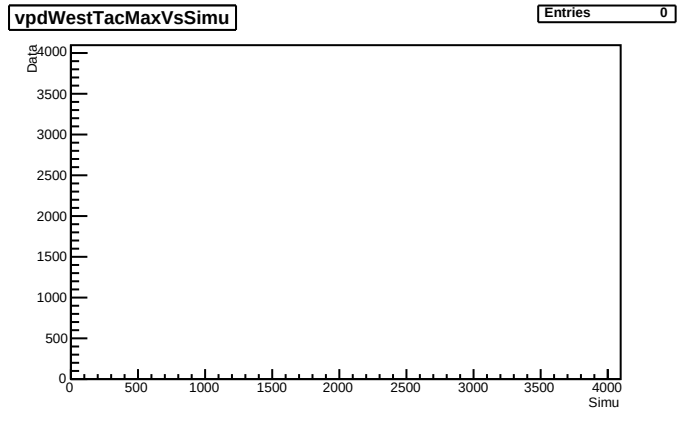
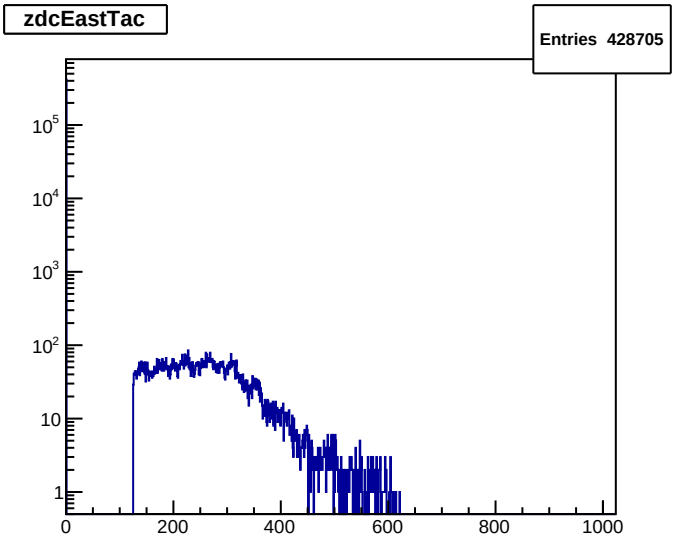
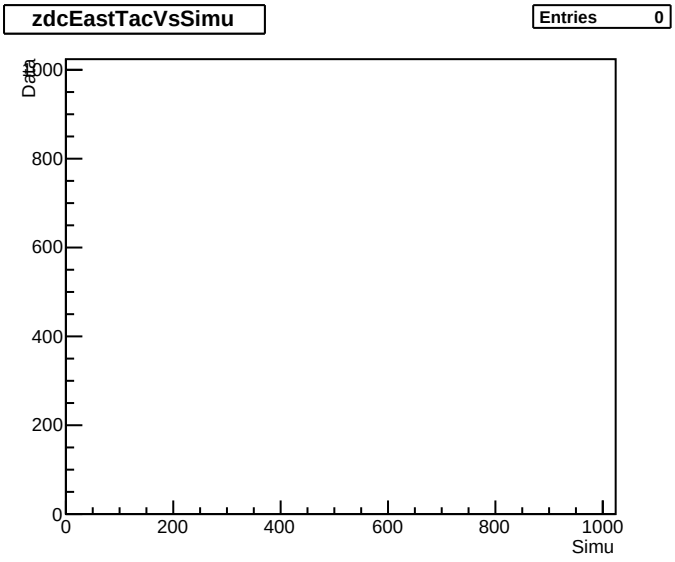
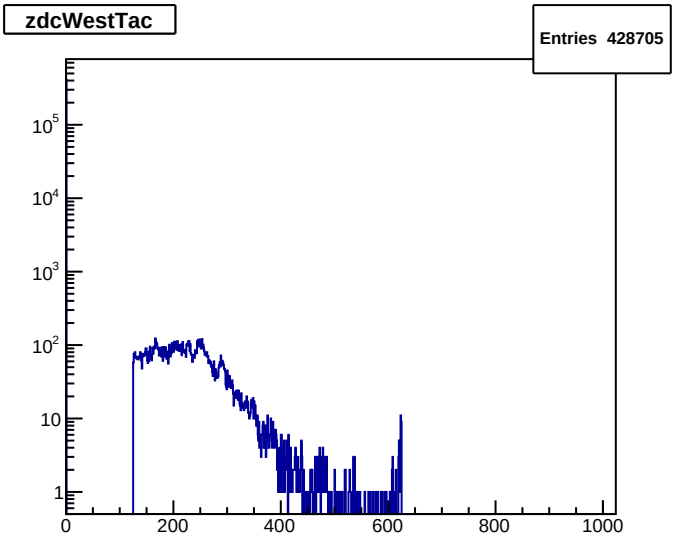
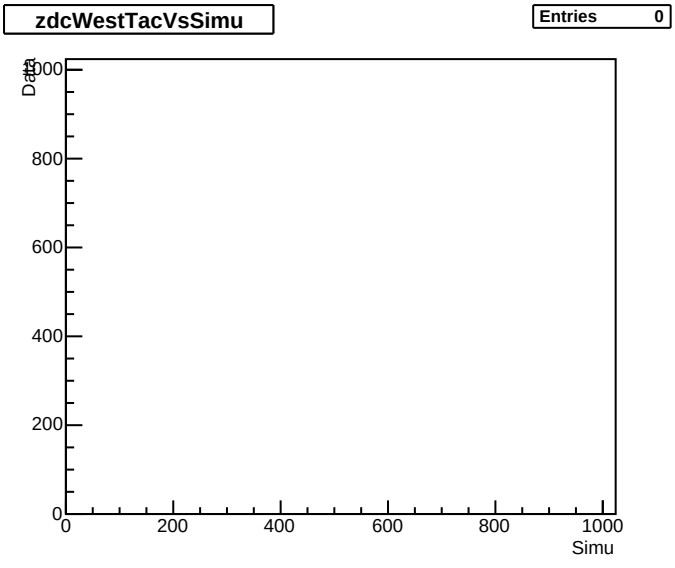
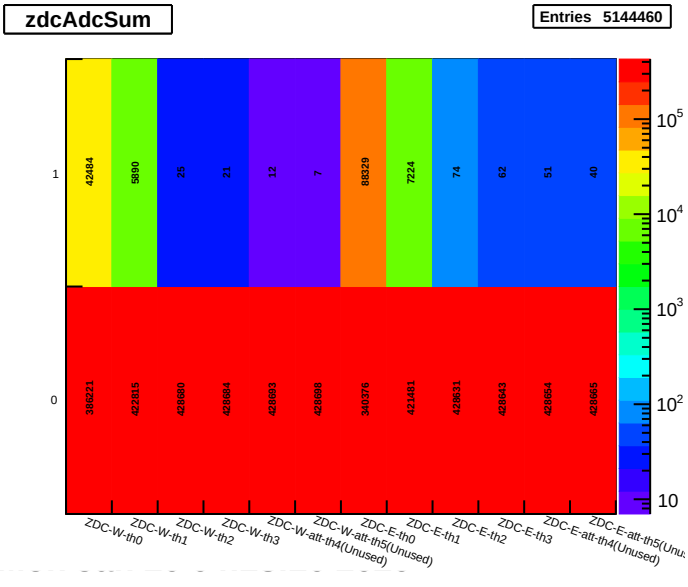

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 428705
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 428705
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 5144460
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0
42484
5890
25
21
12
7
88329
7224
74
62
51
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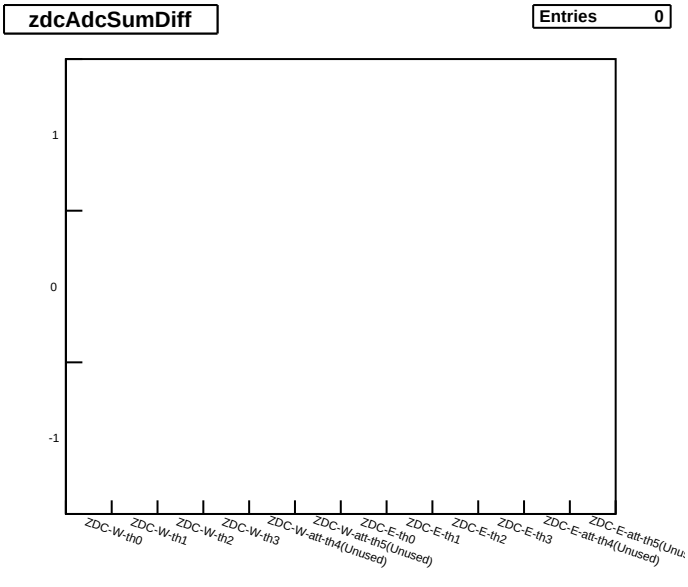
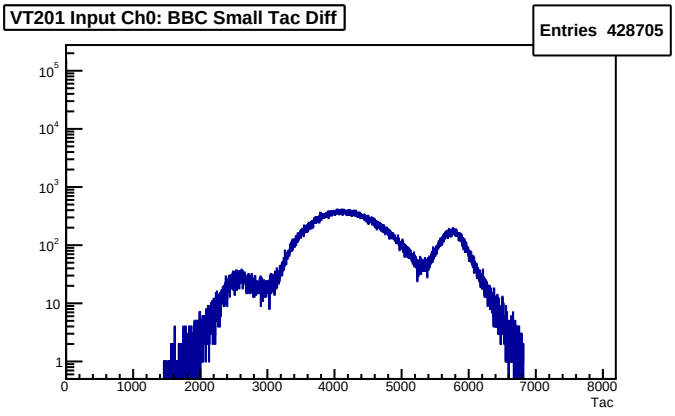
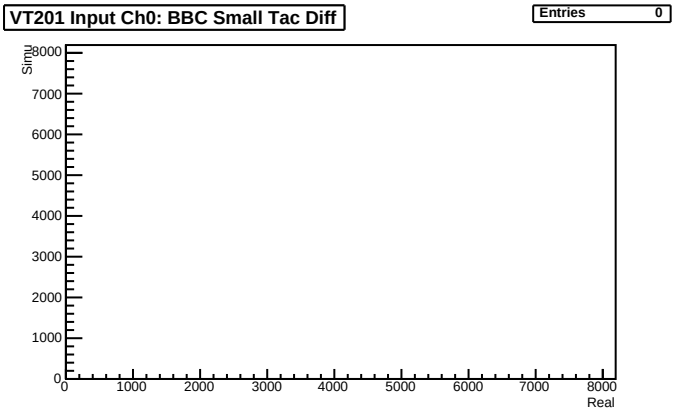
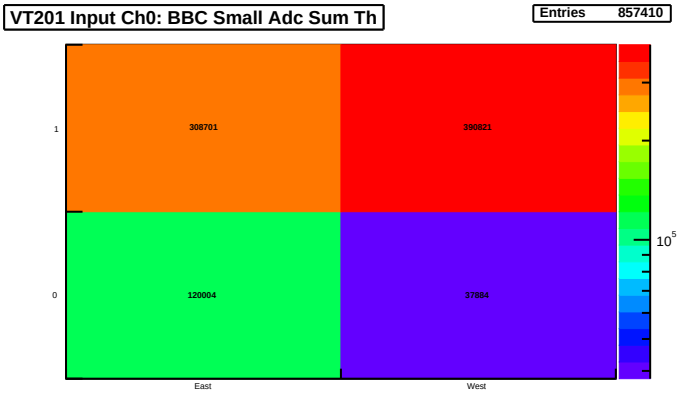
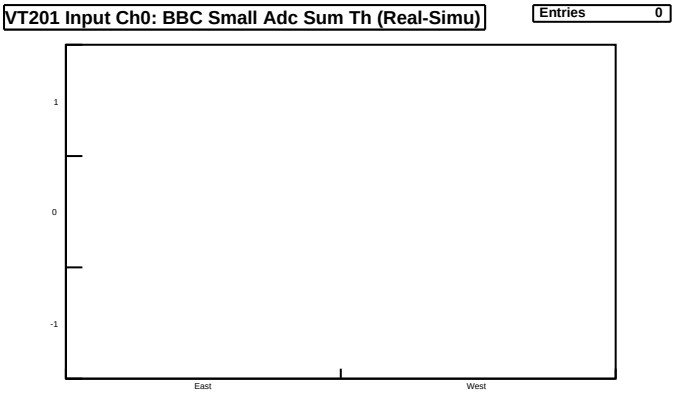
422815
428680
428684
428693
428698
340376
421481
428631
428643
428654
428665
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

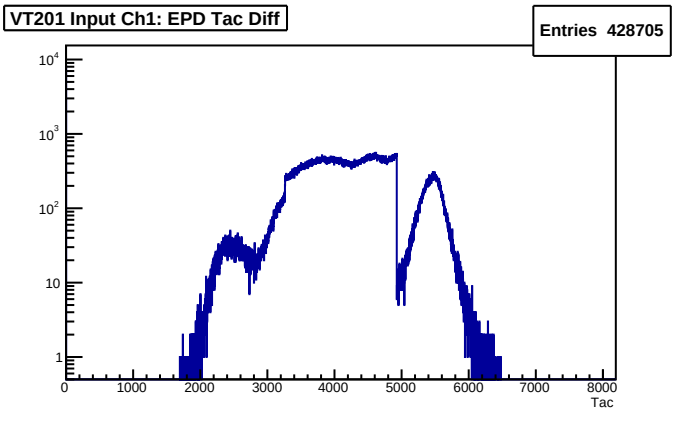

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

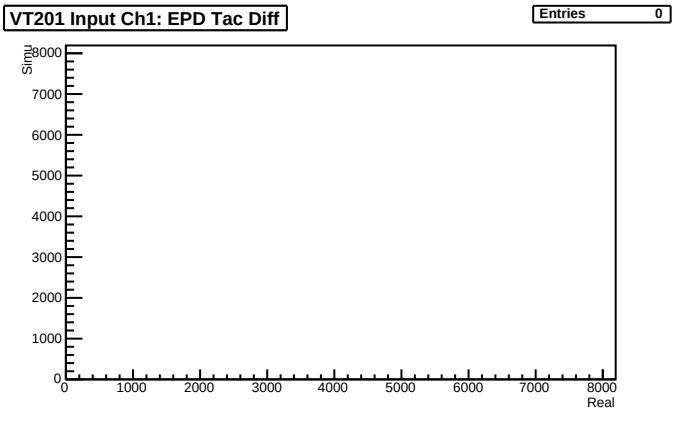

VT201 Input Ch0: BBC Small Tac Diff
Entries 428705
Tac

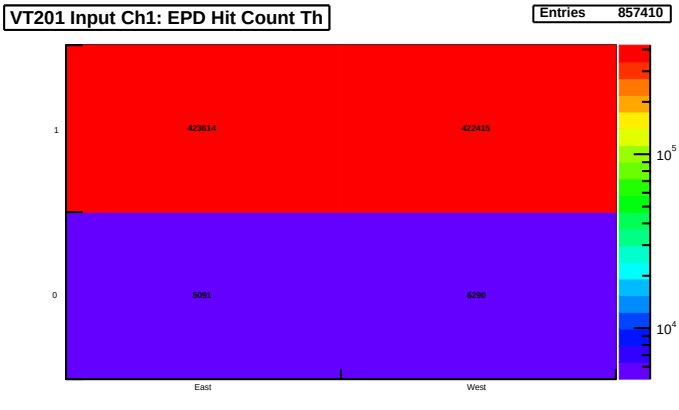

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

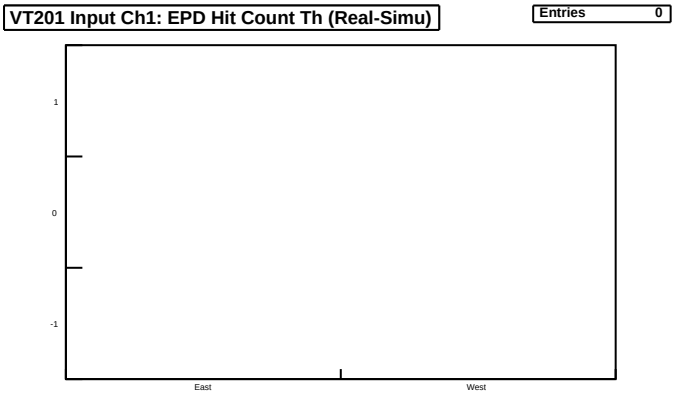

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 857410
308701
390821
120004
37884
East
West

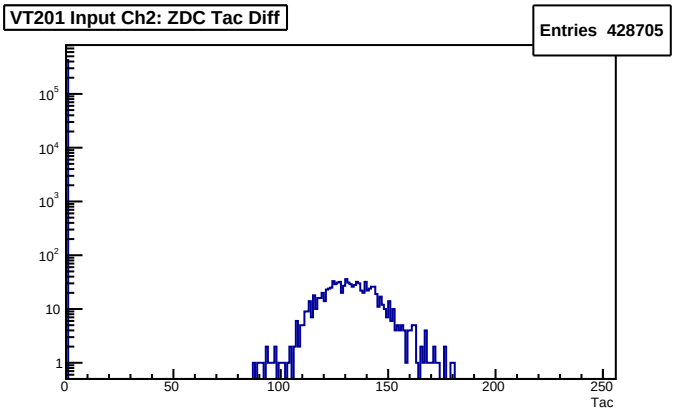

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

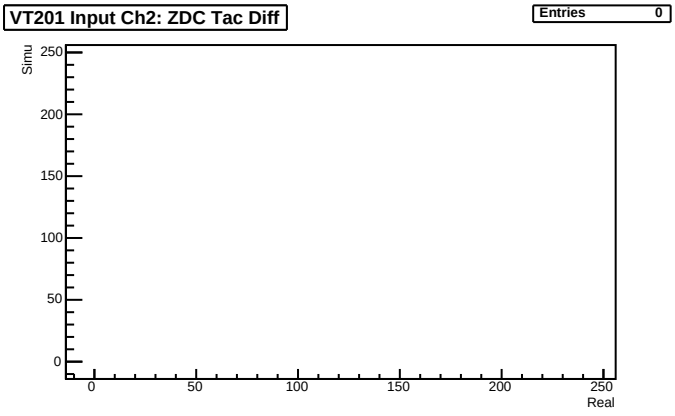

VT201 Input Ch1: EPD Tac Diff
Entries 428705
Tac

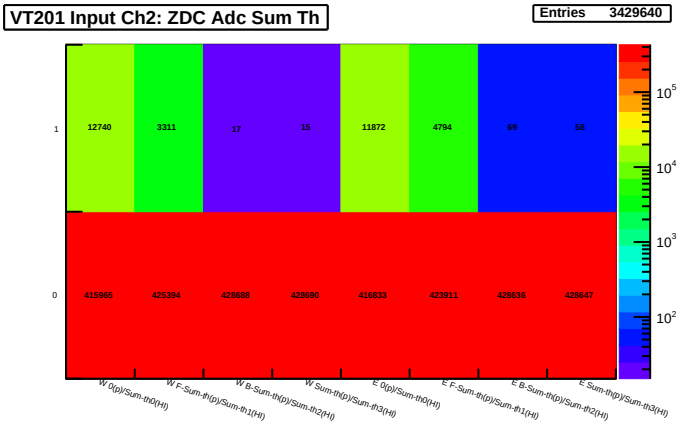

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

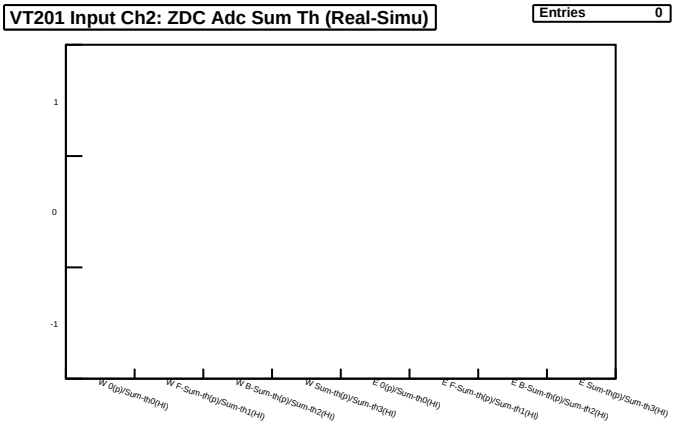

VT201 Input Ch1: EPD Hit Count Th
Entries 857410
423814
422415
5091
6290
East
West

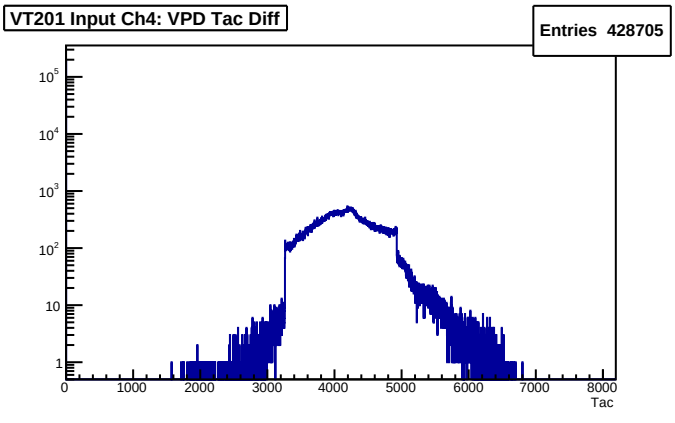

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

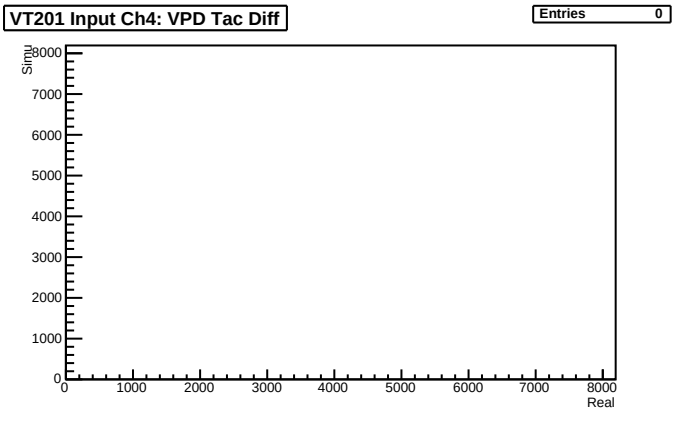

VT201 Input Ch2: ZDC Tac Diff
Entries 428705
Tac

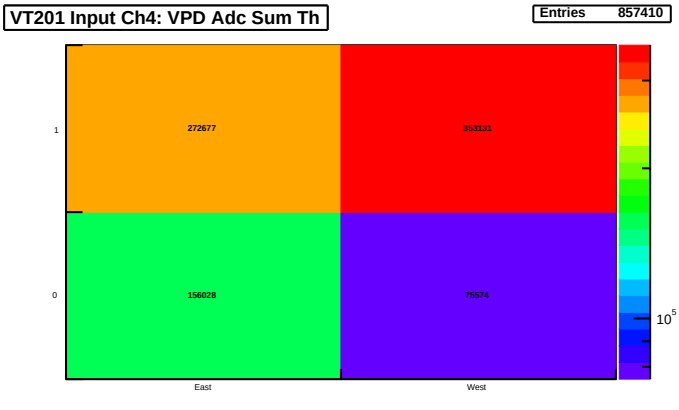

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

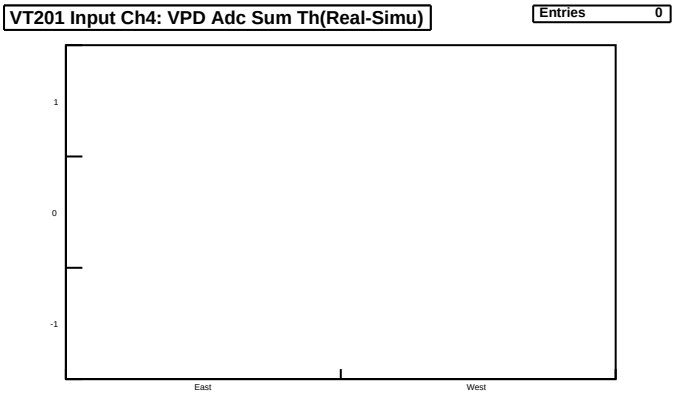

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3429640
12740
3311
17
15
11872
4794
69
68
415965
425394
428688
428690
416833
423911
428636
428647
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

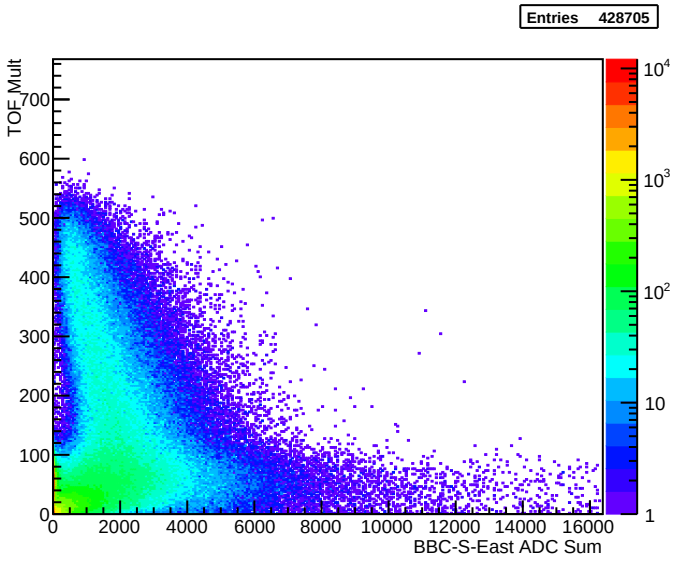

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

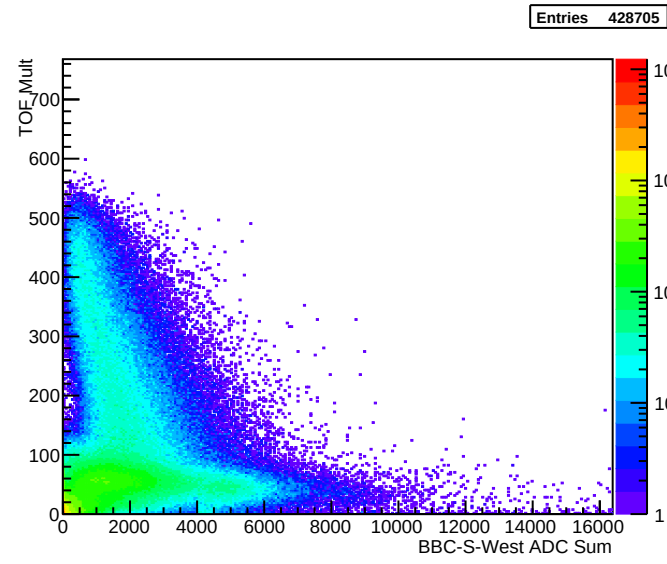

VT201 Input Ch4: VPD Tac Diff
Entries 428705
Tac

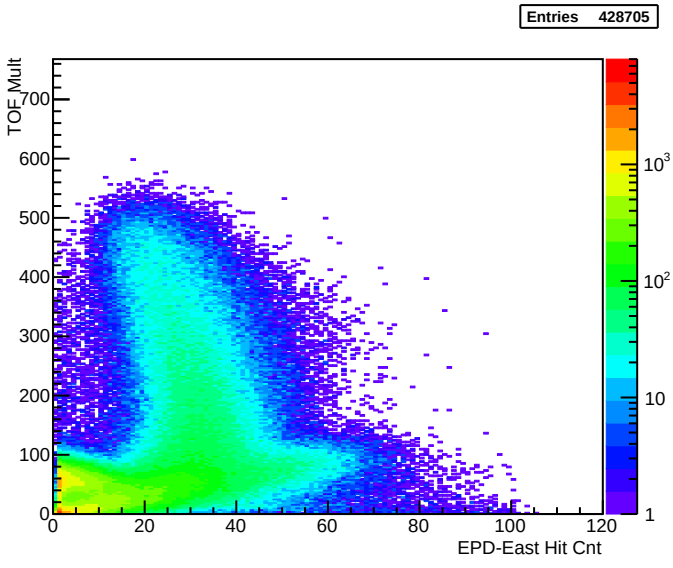

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

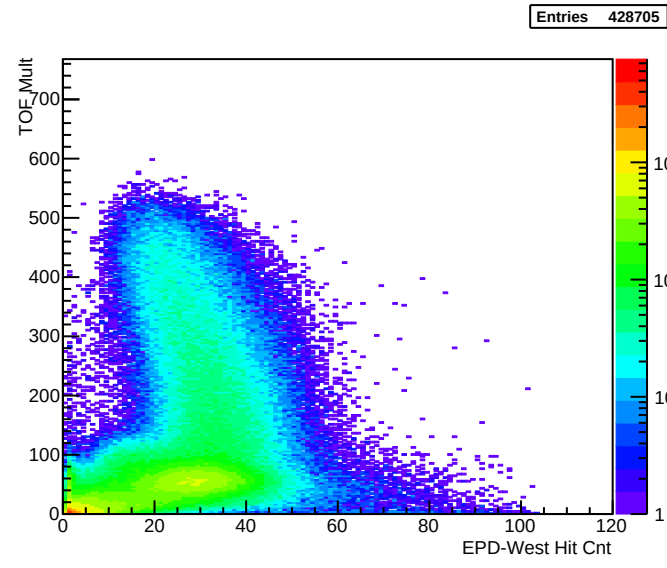

VT201 Input Ch4: VPD Adc Sum Th
Entries 857410
272677
353131
156028
75574
East
West

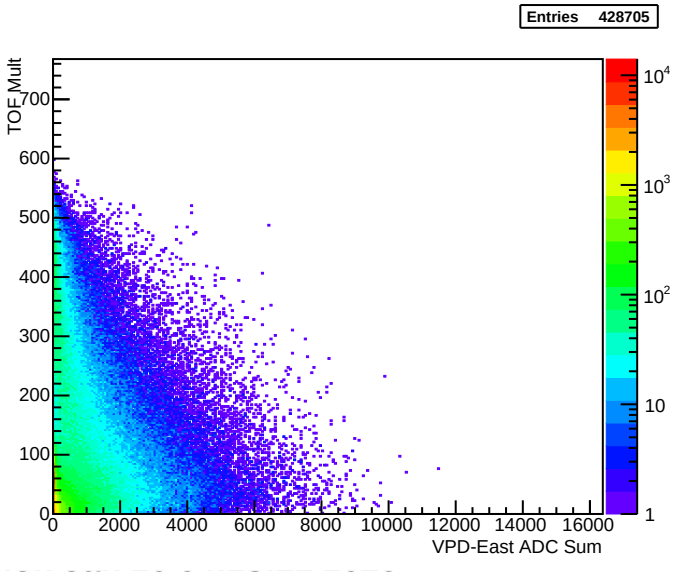

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

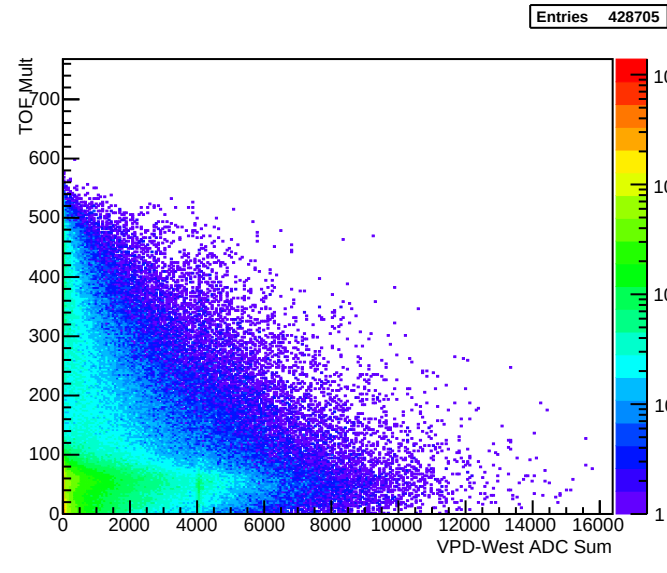

Entries 428705
TOF_Mult
BBC-S-East ADC Sum

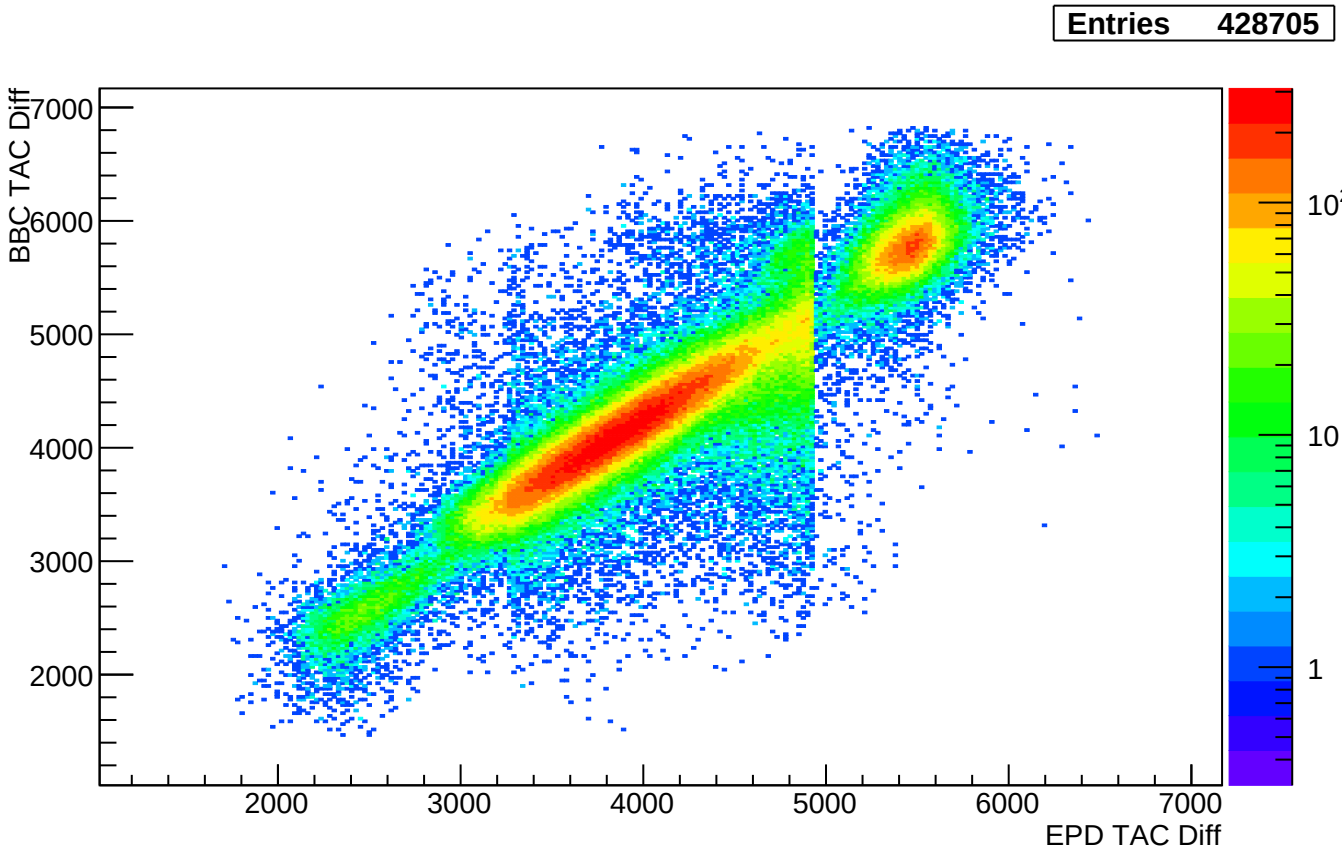

Entries 428705
TOF_Mult
BBC-S-West ADC Sum

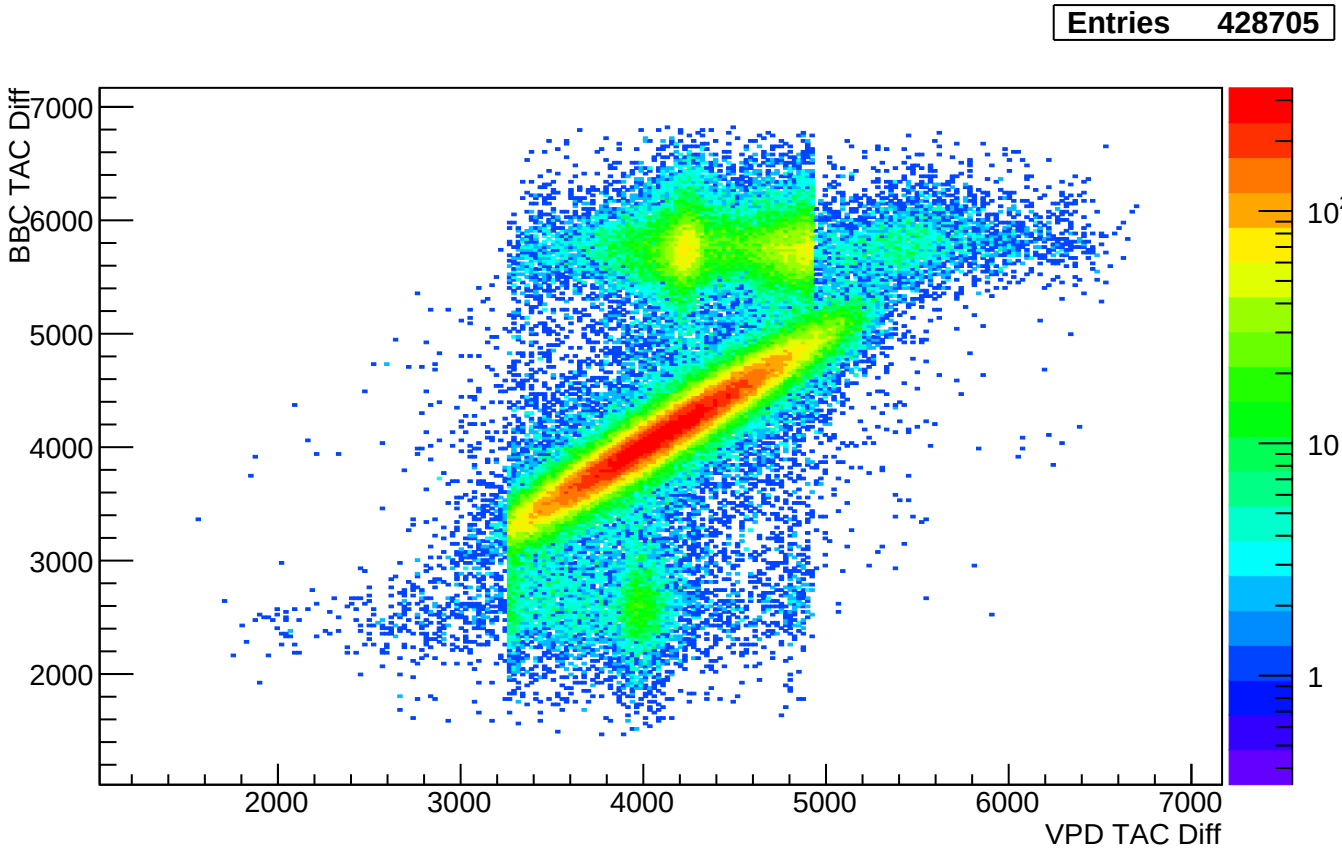

Entries 428705
TOF_Mult
EPD-East Hit Cnt

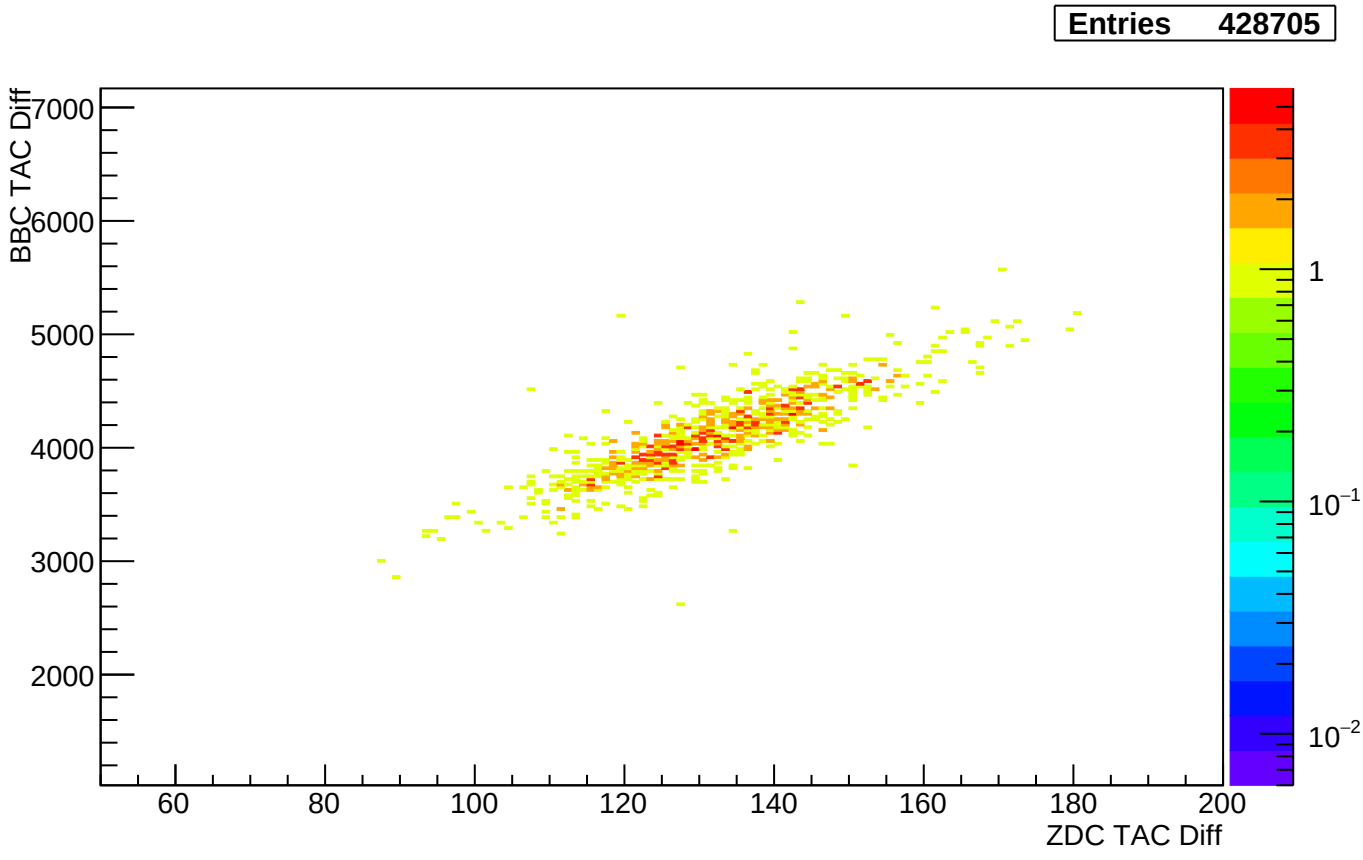

Entries 428705
TOF_Mult
EPD-West Hit Cnt

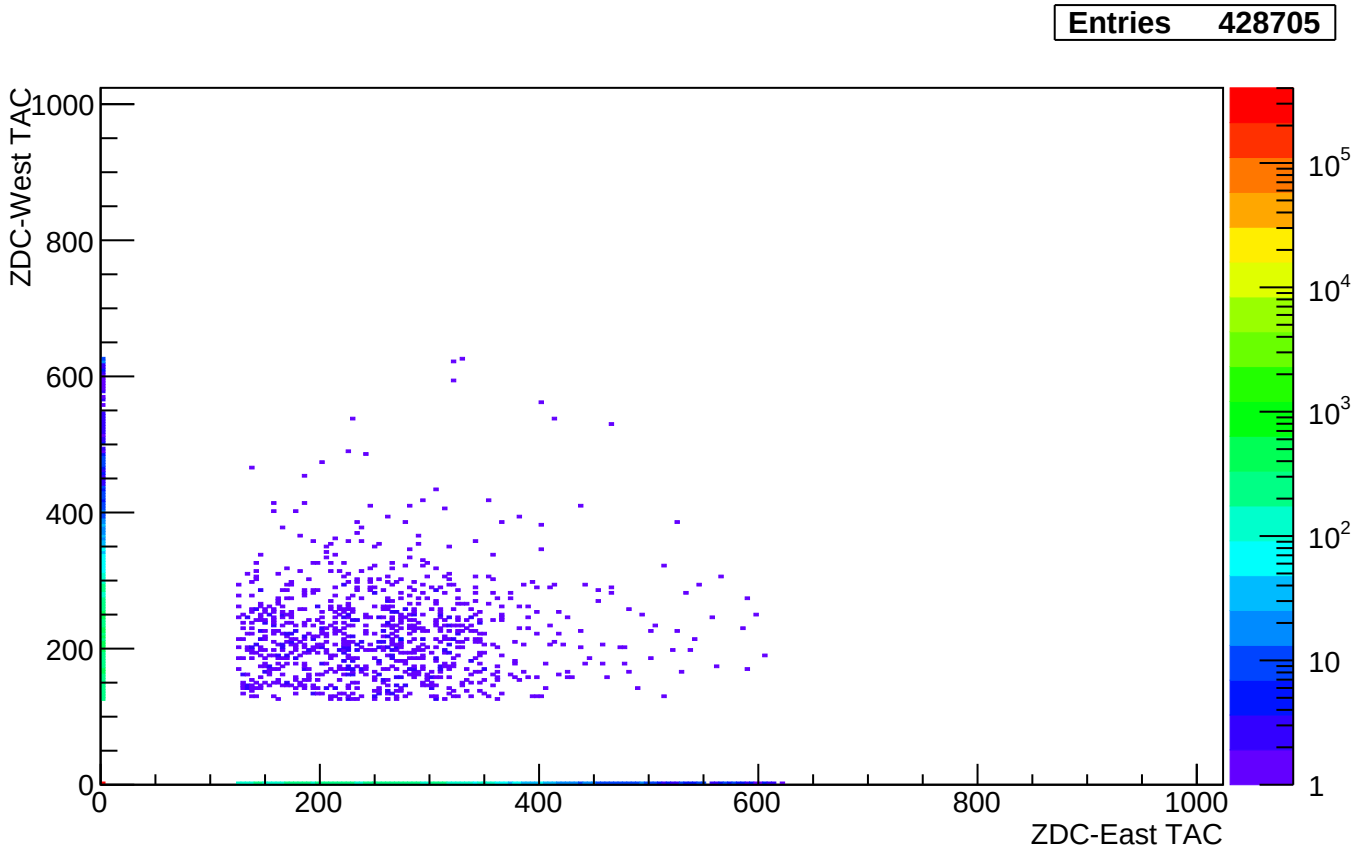

Entries 428705
TOF_Mult
VPD-East ADC Sum

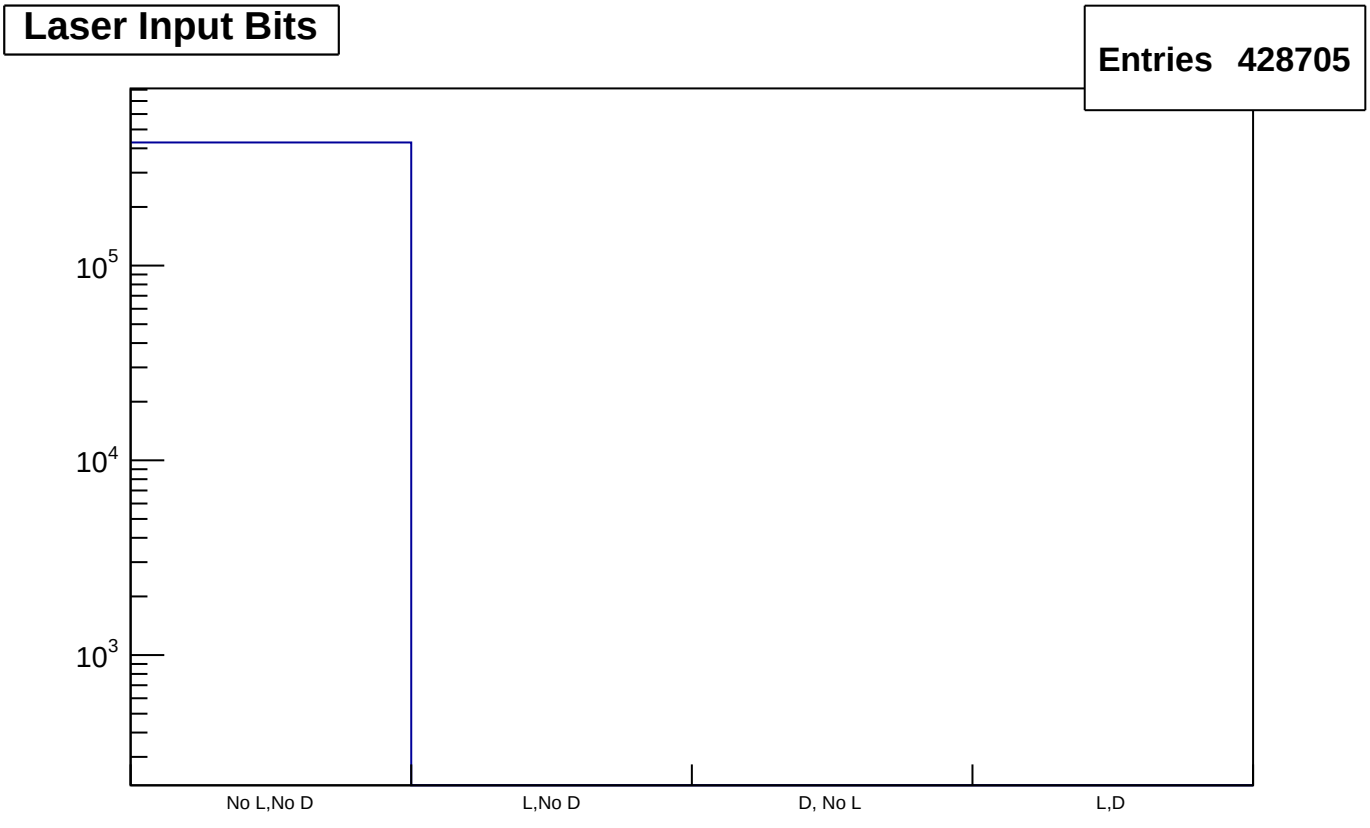

Entries 428705
TOF_Mult
VPD-West ADC Sum

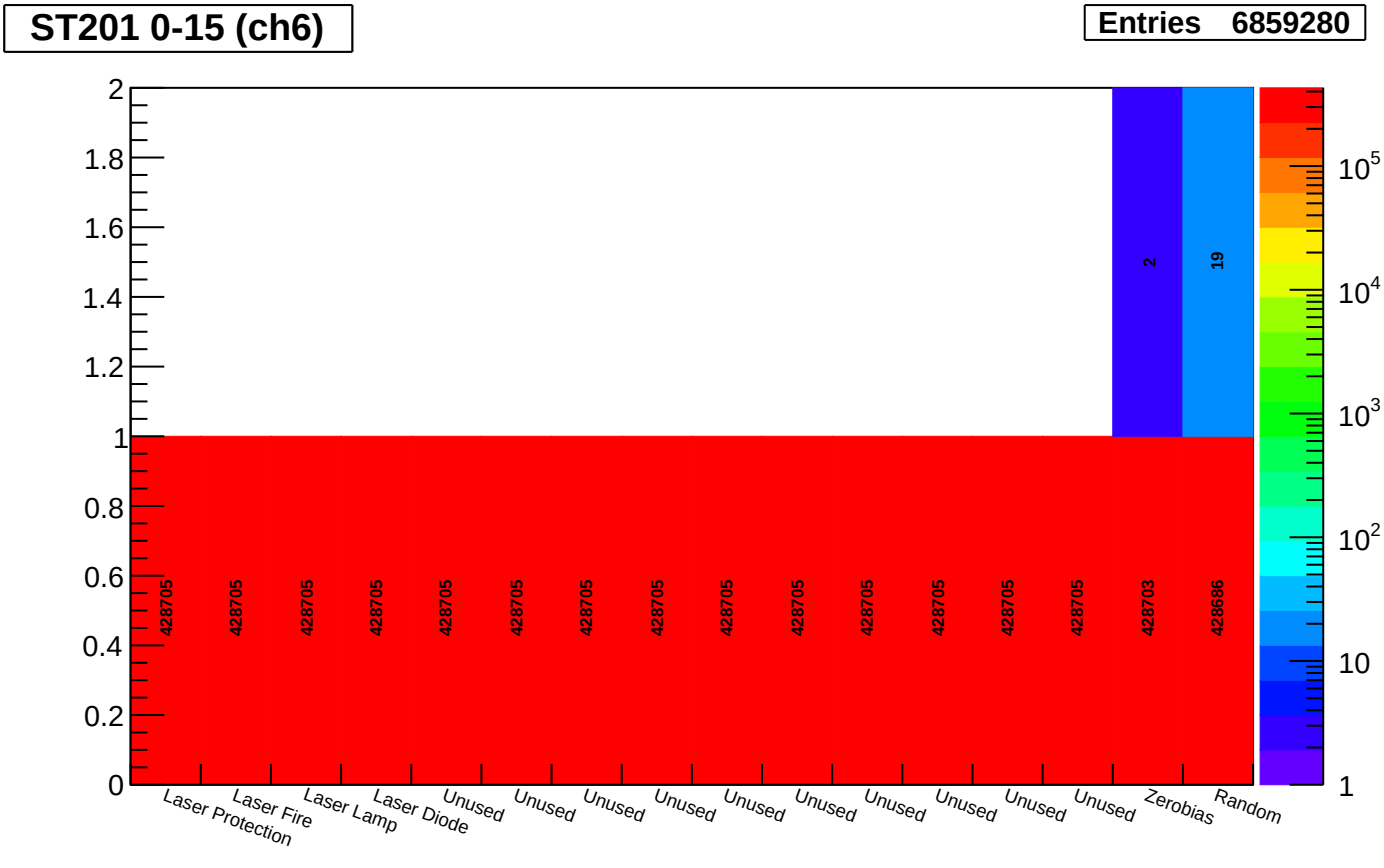

Entries 428705
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

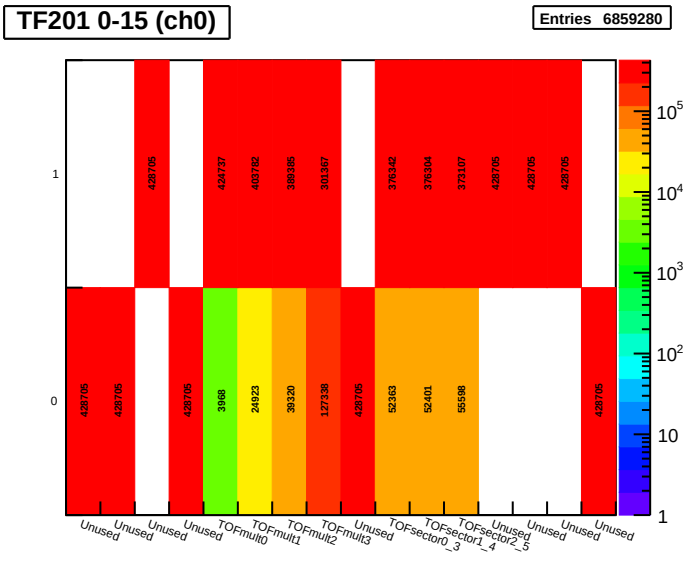

Entries 428705
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

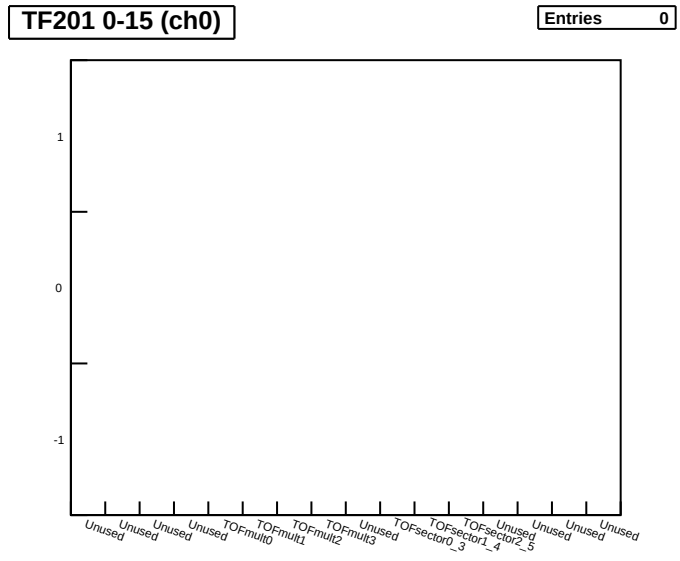

Entries 428705
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

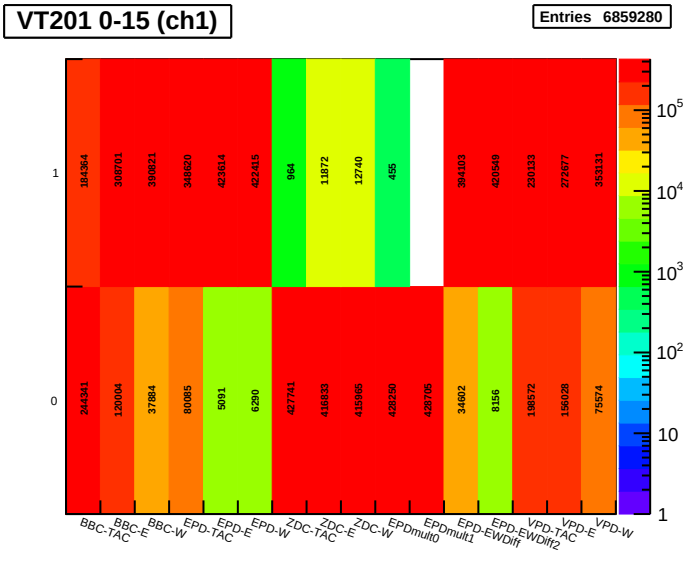

Entries 428705
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

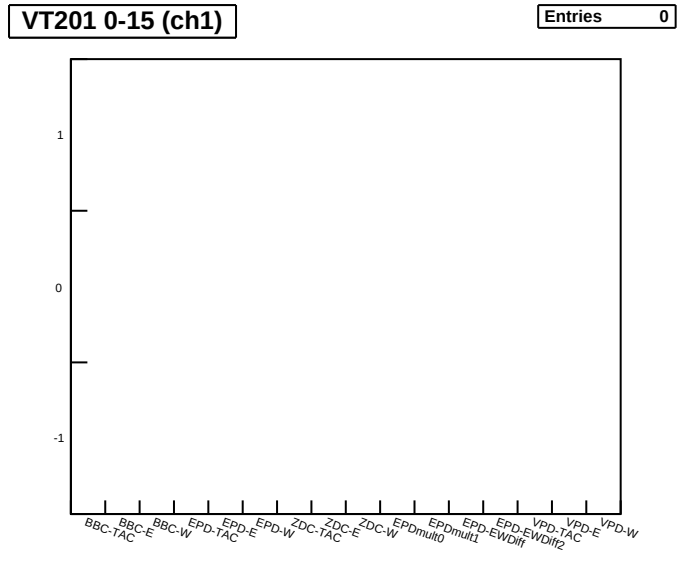

Laser Input Bits
Entries 428705
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

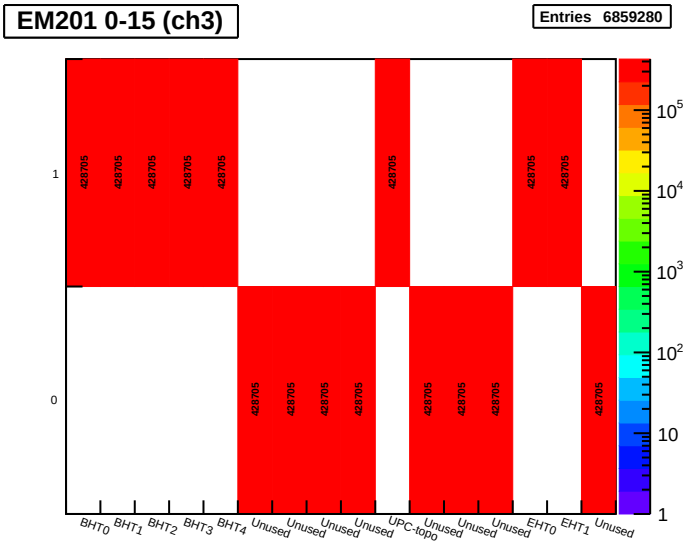

ST201 0-15 (ch6)
Entries 6859280
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
428705
428705
428705
428705
428705
428705
428705
428705
428705
428705
428705
428705
428705
428705
428703
428686
2
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

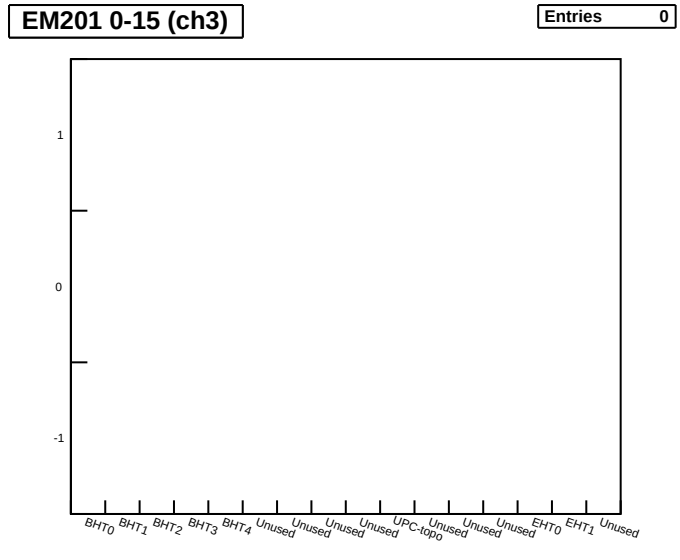

TF201 0-15 (ch0)
Entries 6859280
1
0
428705 424737 403782 389385 301367 376342 376304 373107 428705 428705 428705
428705 428705 428705 3968 24923 39320 127338 428705 52363 52401 55598 428705
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6859280
1
0
184354 308701 390621 348620 423614 422415 964 11872 12740 455 394103 420549 230133 272677 353131
244341 120004 37884 80085 5091 6290 427741 416833 415965 428250 428705 34602 8156 198572 156028 75574
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 6859280
1
0
428705 428705 428705 428705 428705 428705 428705 428705
428705 428705 428705 428705 428705 428705 428705 428705
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