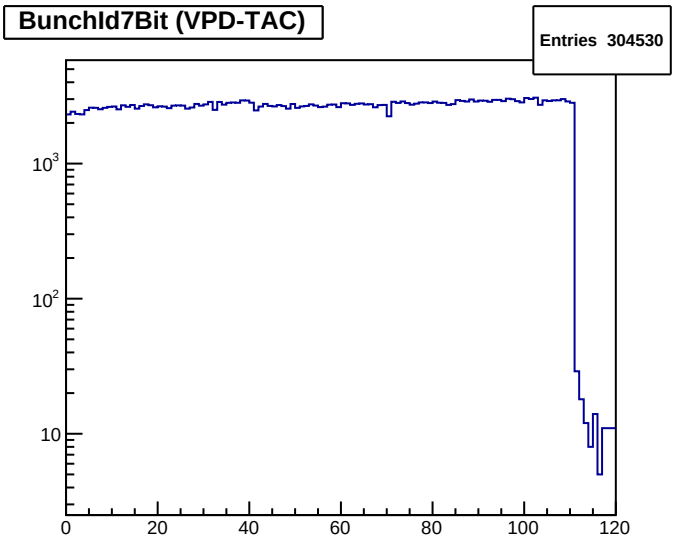
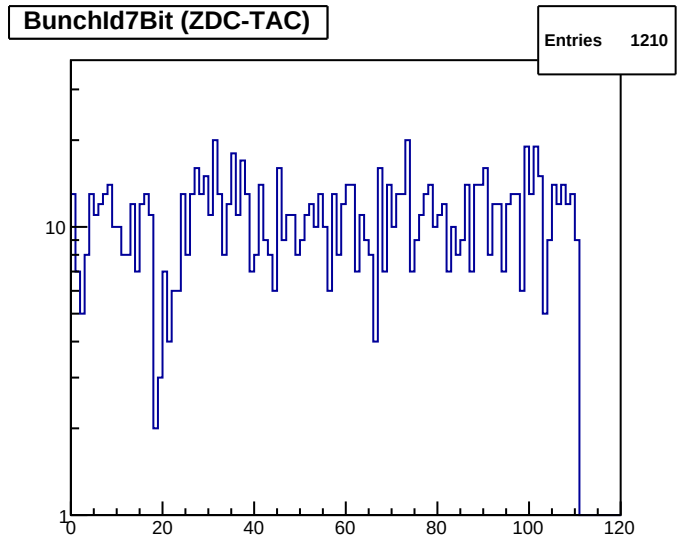
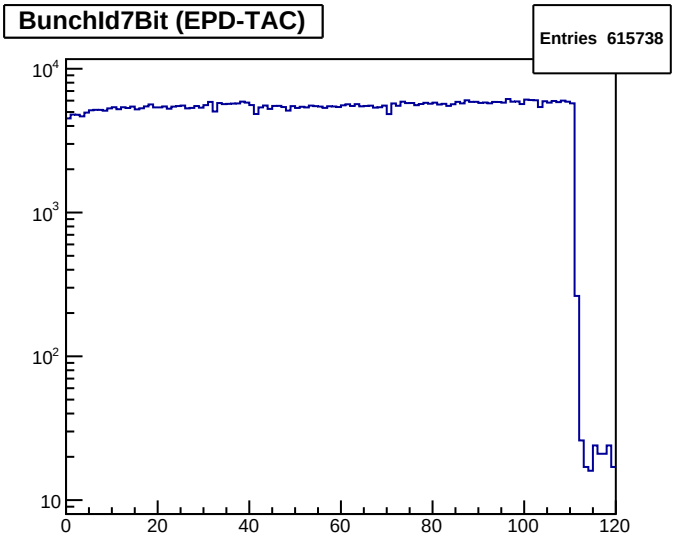
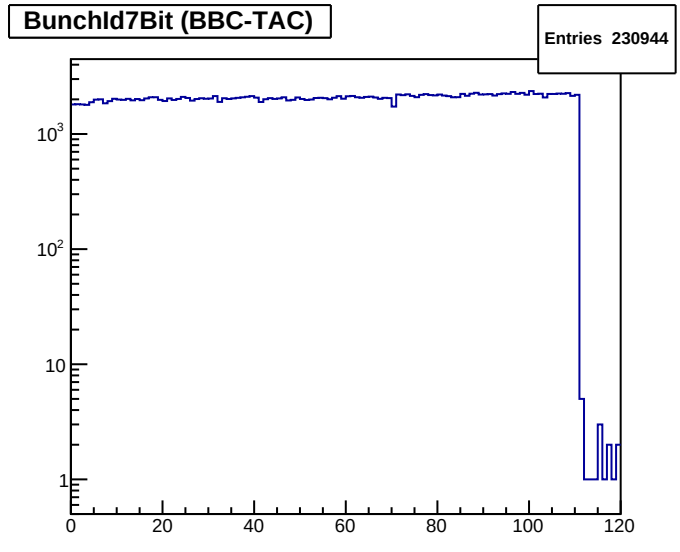
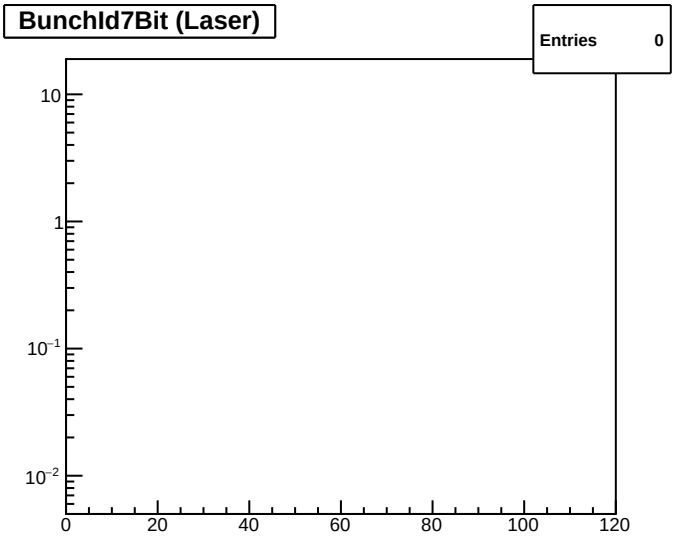
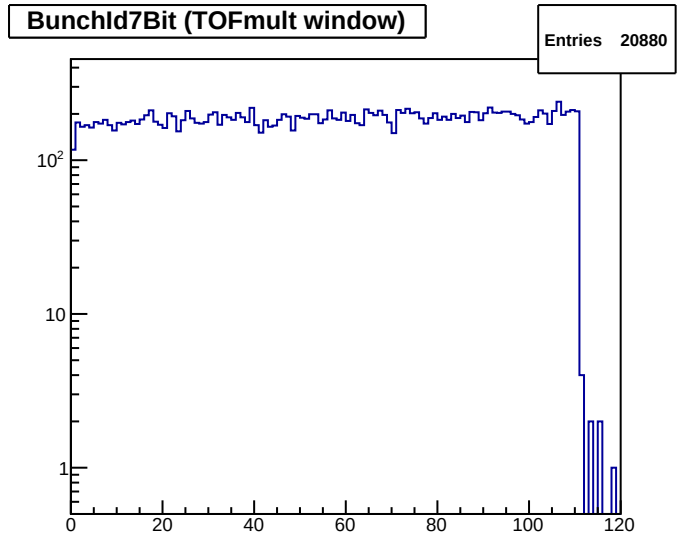

BunchId7Bit (VPD-TAC)
Entries 304530

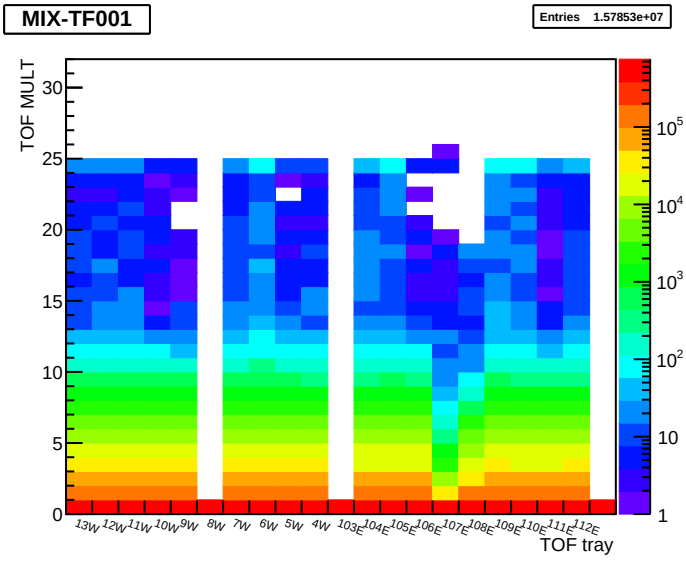

BunchId7Bit (ZDC-TAC)
Entries 1210

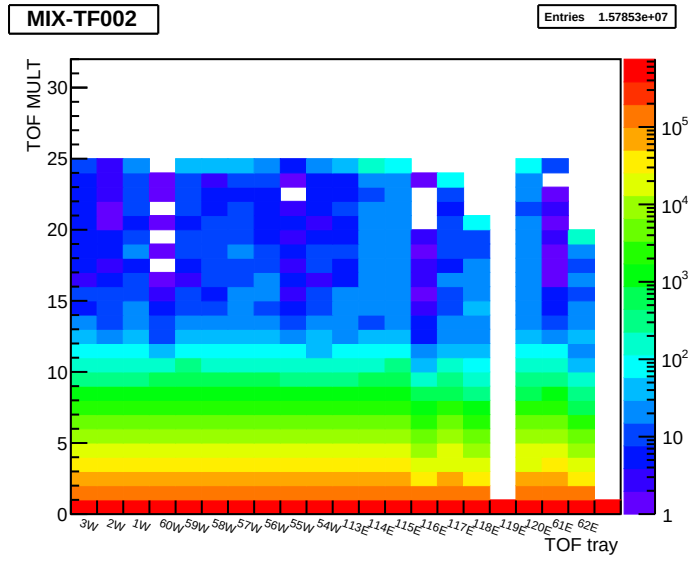

BunchId7Bit (EPD-TAC)
Entries 615738

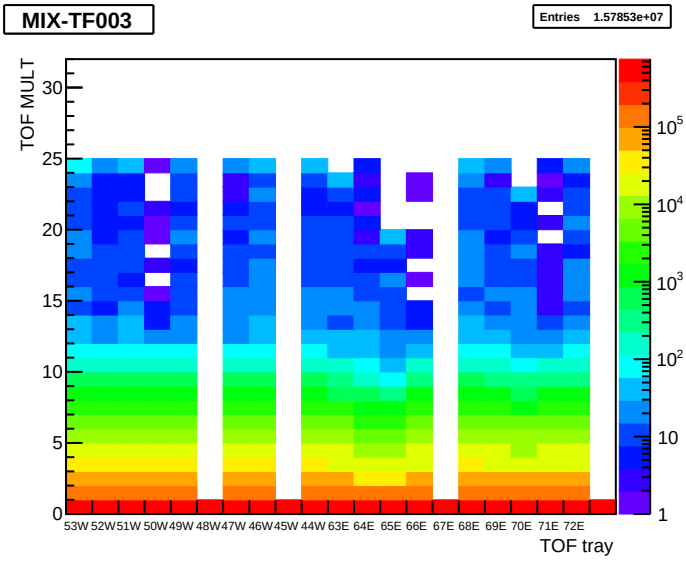

BunchId7Bit (BBC-TAC)
Entries 230944

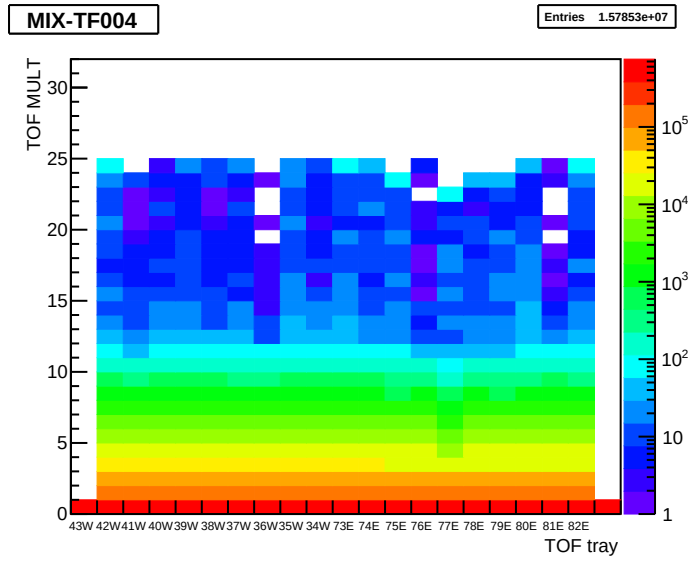

BunchId7Bit (Laser)
Entries 0

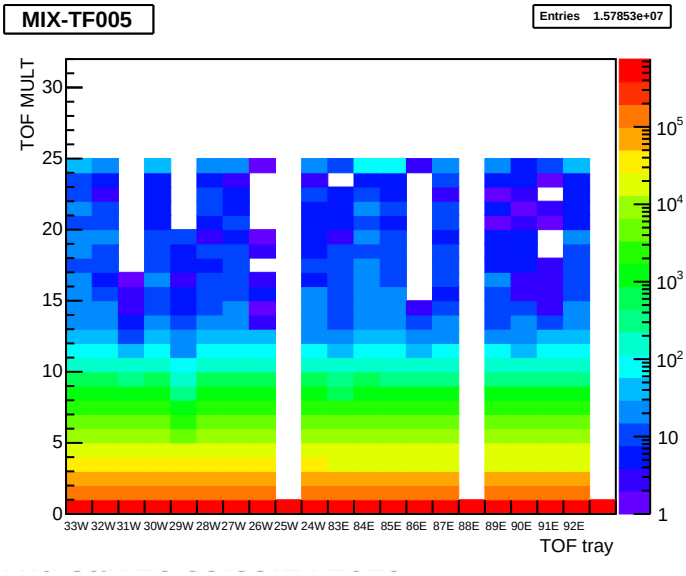

BunchId7Bit (TOFmult window)
Entries 20880

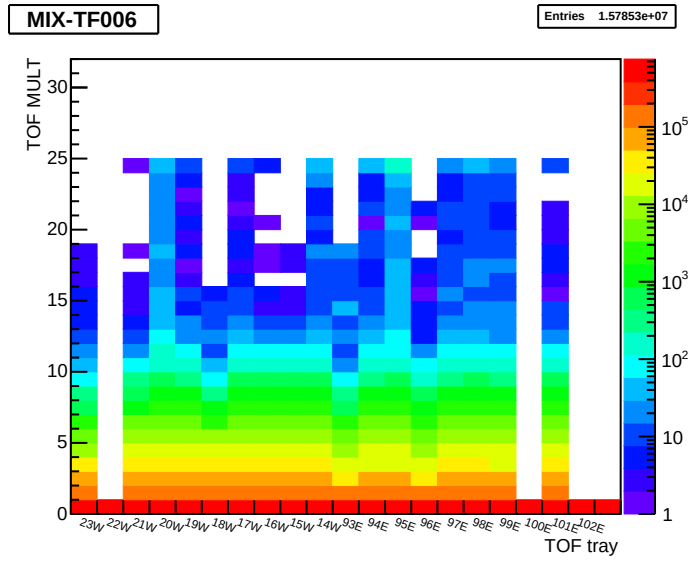

MIX-TF001
Entries 1.57853e+07
TOF MULT
TOF tray

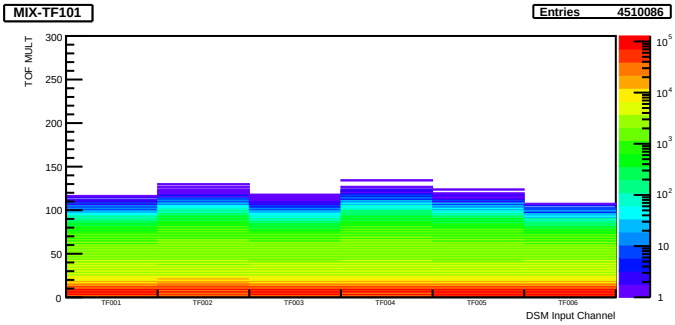

MIX-TF002
Entries 1.57853e+07
TOF MULT
TOF tray

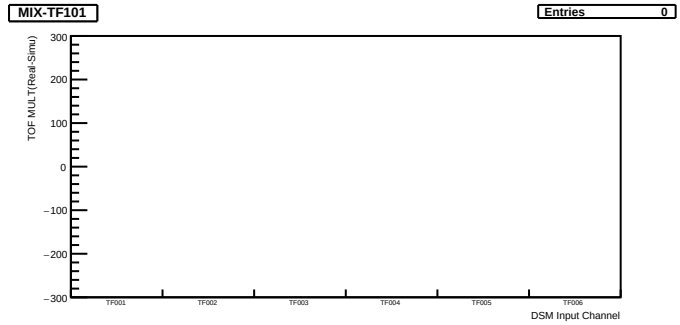

MIX-TF003
Entries 1.57853e+07
TOF MULT
TOF tray

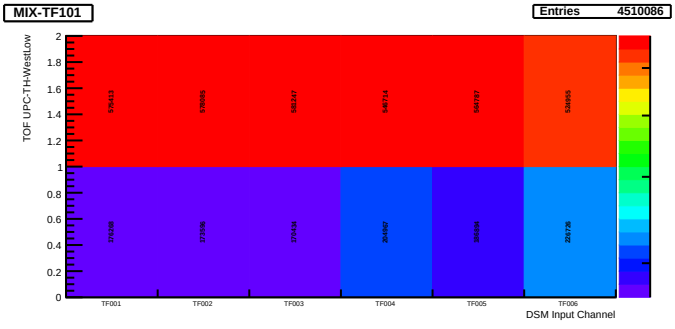

MIX-TF004
Entries 1.57853e+07
TOF MULT
TOF tray

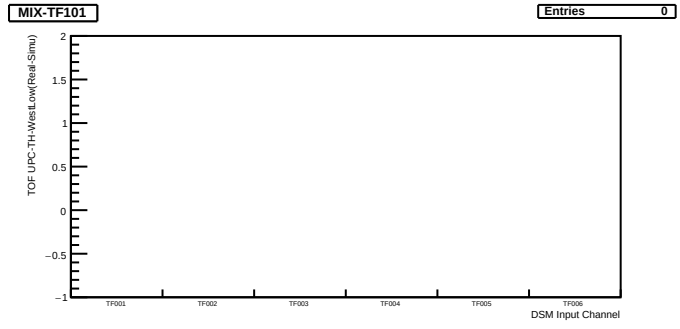

MIX-TF005
Entries 1.57853e+07
TOF MULT
TOF tray

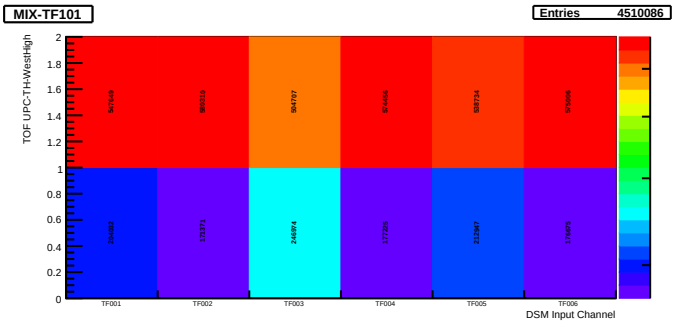

MIX-TF006
Entries 1.57853e+07
TOF MULT
TOF tray

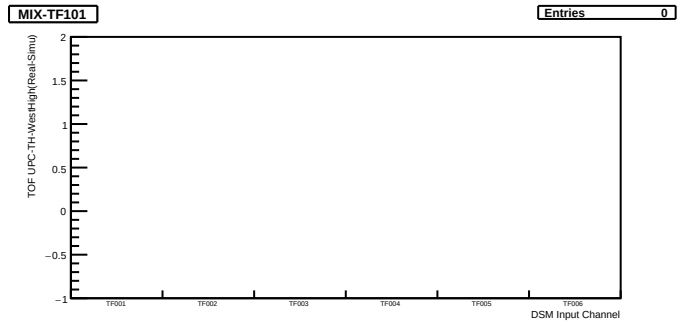

MIX-TF101
Entries 4510086
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

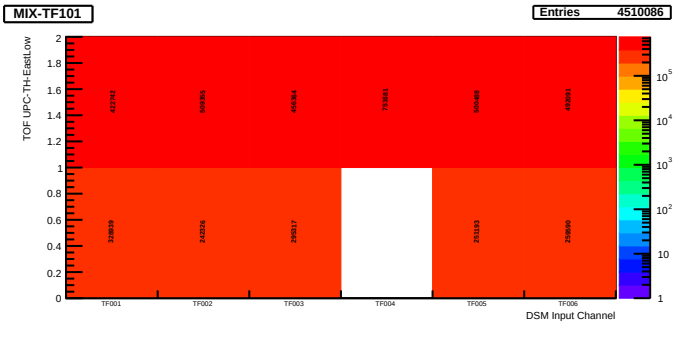

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

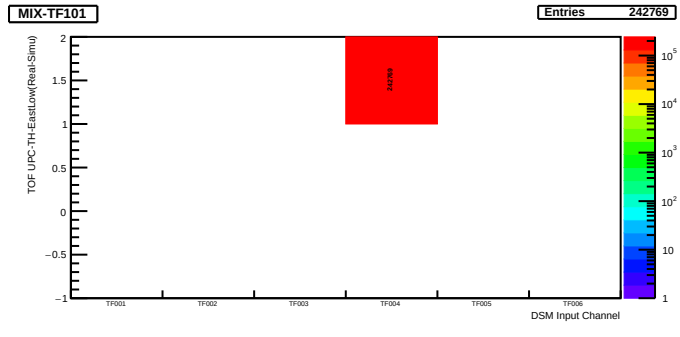

MIX-TF101
Entries 4510086
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

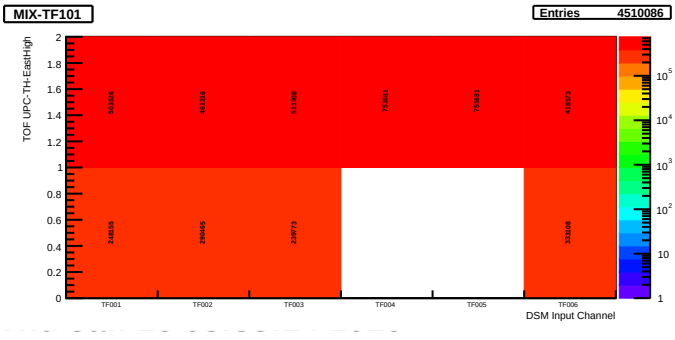

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

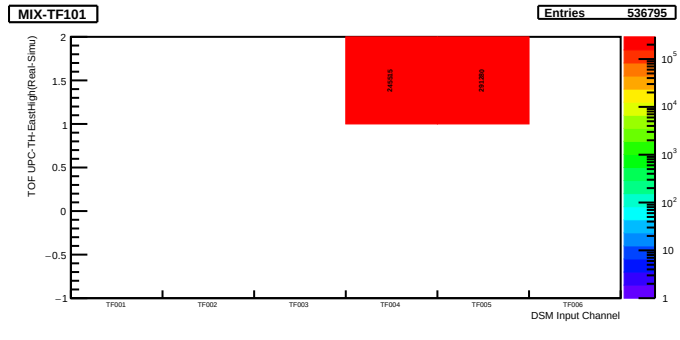

MIX-TF101
Entries 4510086
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

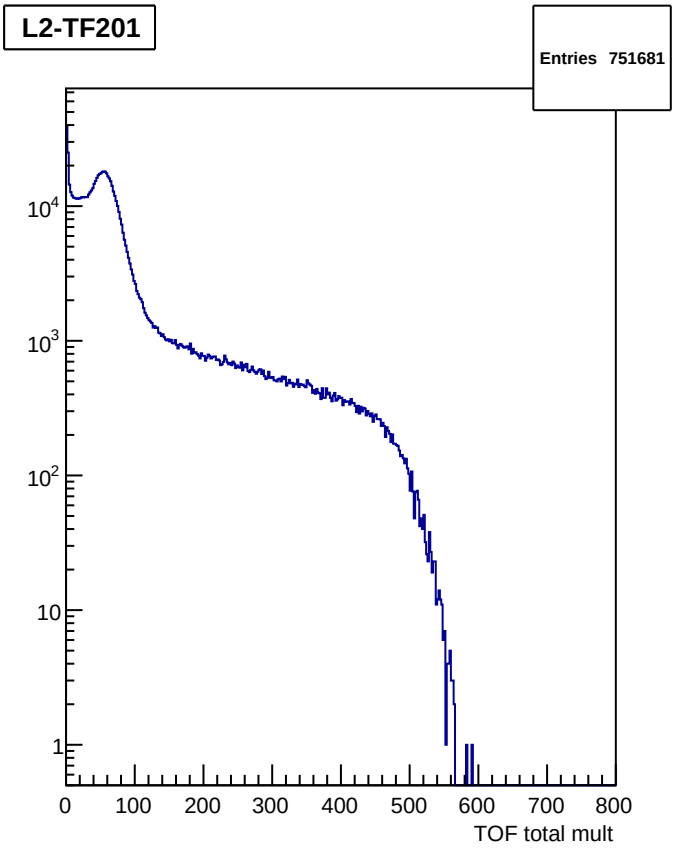

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

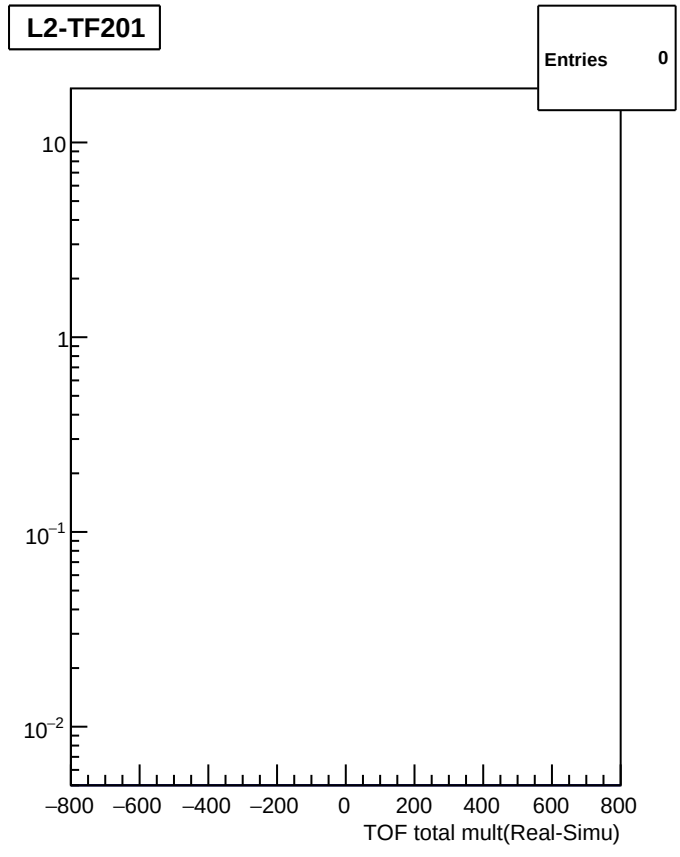

MIX-TF101
Entries 4510086
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

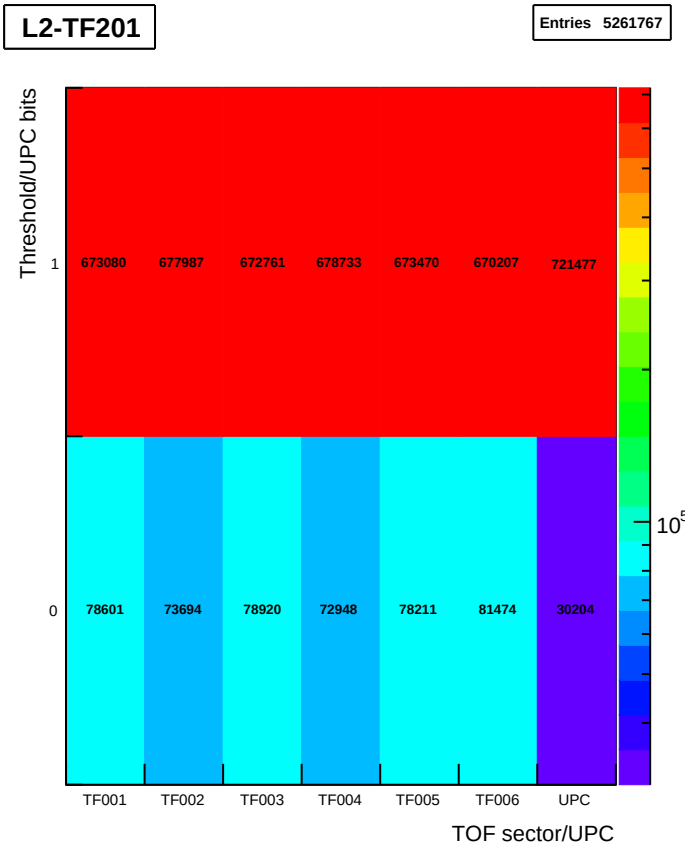

MIX-TF101
Entries 242769
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

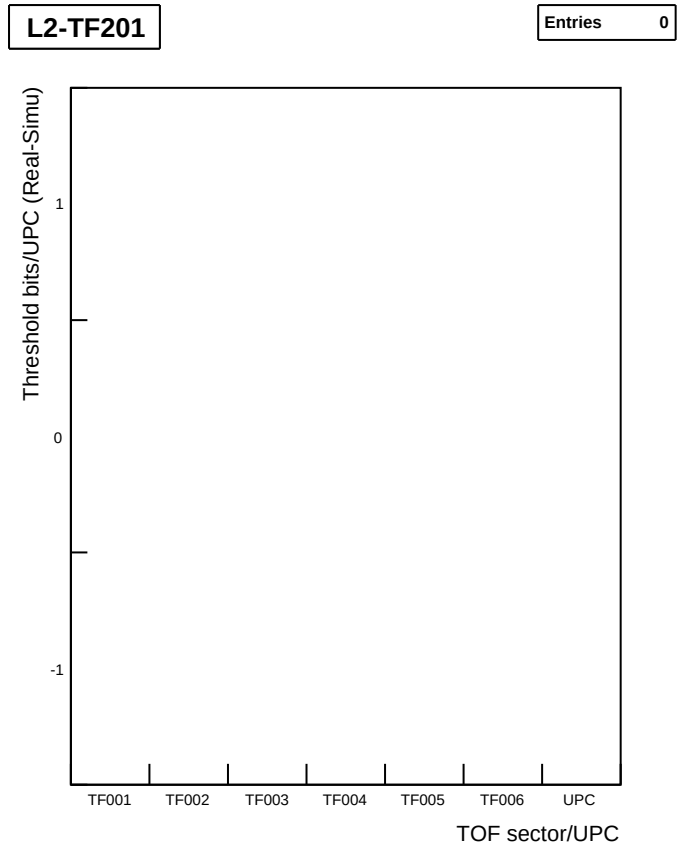

MIX-TF101
Entries 4510086
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

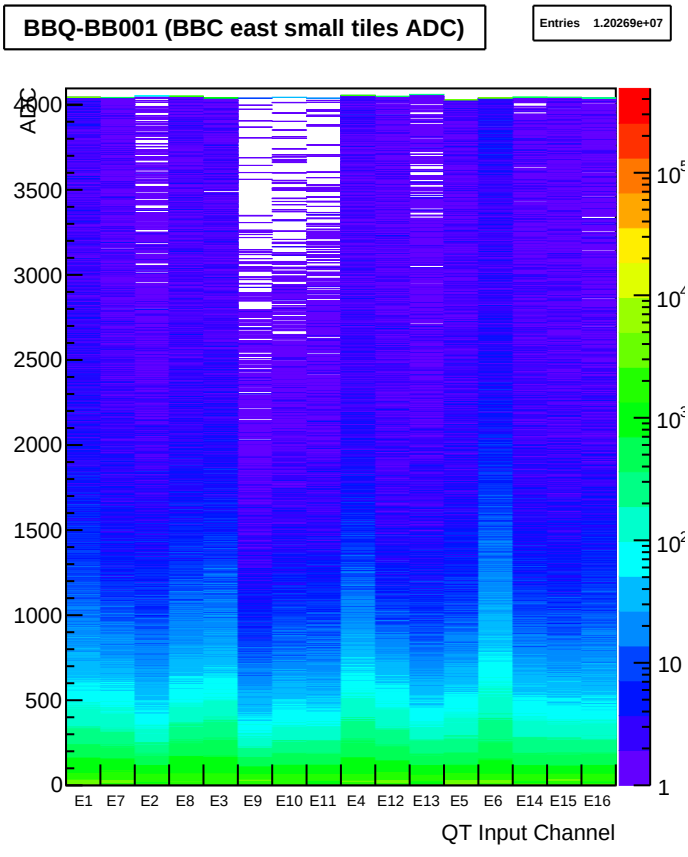

MIX-TF101
Entries 536795
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

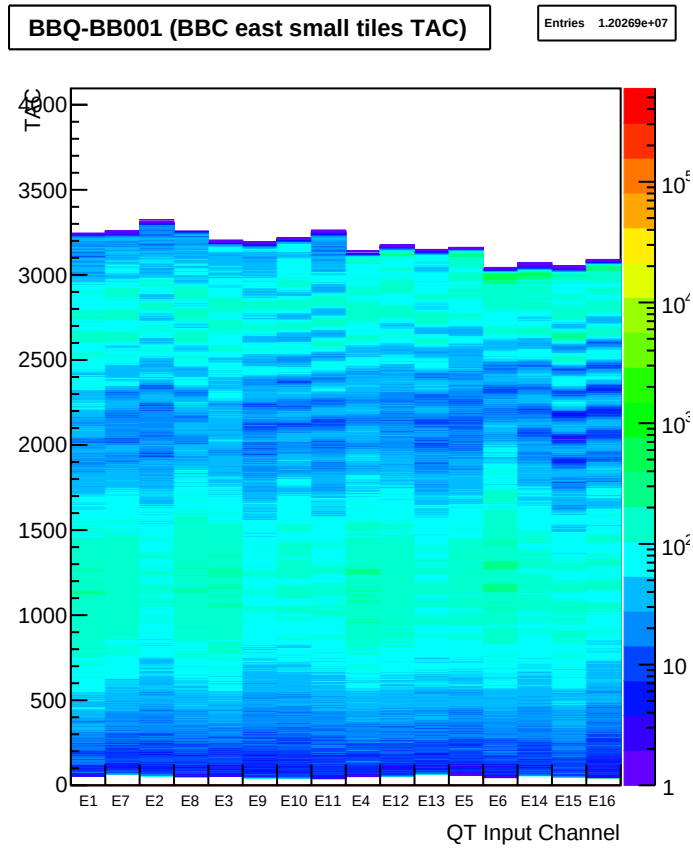

L2-TF201
Entries 751681
TOF total mult

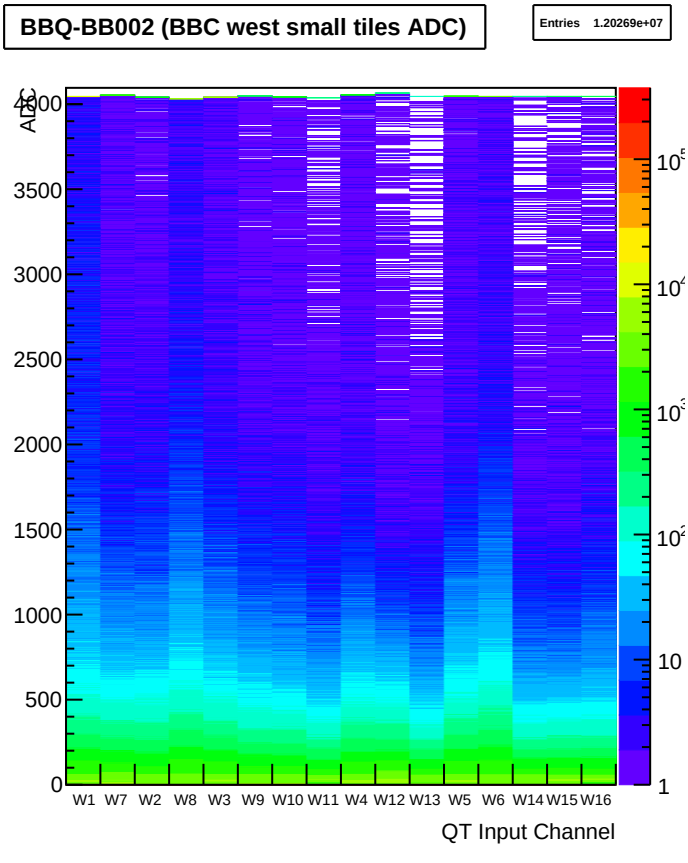

L2-TF201
Entries 0
TOF total mult(Real-Simu)

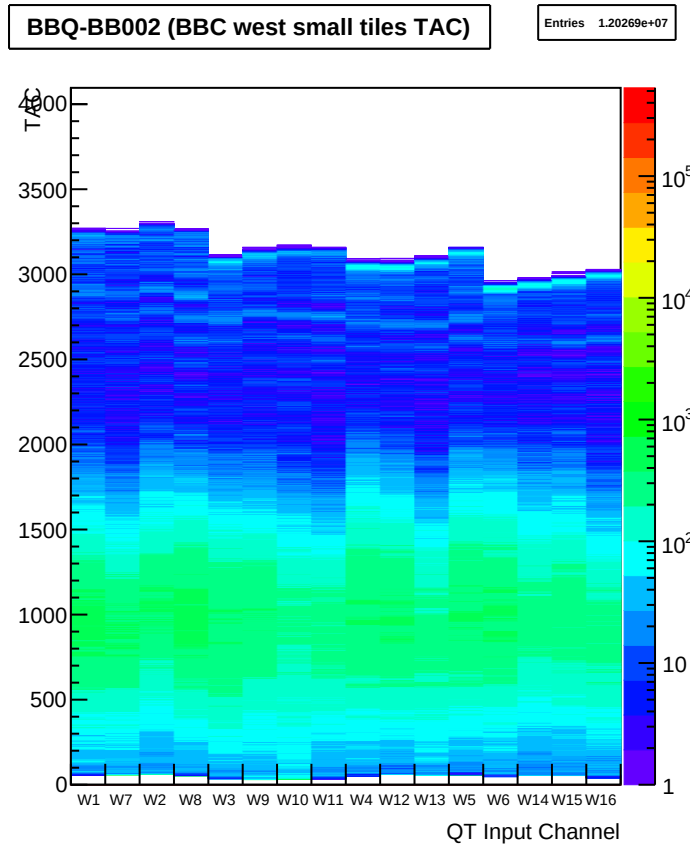

L2-TF201
Entries 5261767
Threshold/UPC bits
673080
677987
672761
678733
673470
670207
721477
78601
73694
78920
72948
78211
81474
30204
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

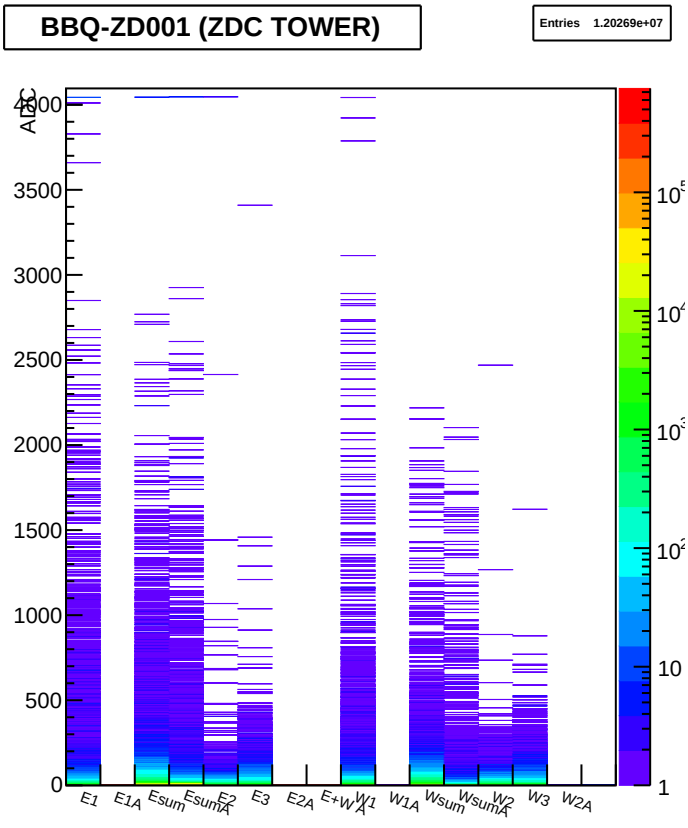

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

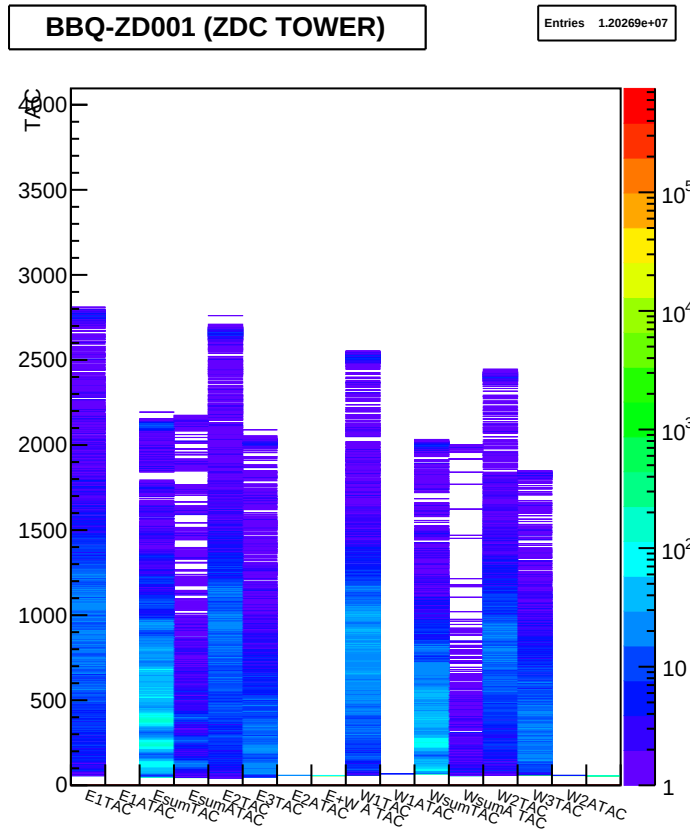

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.20269e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

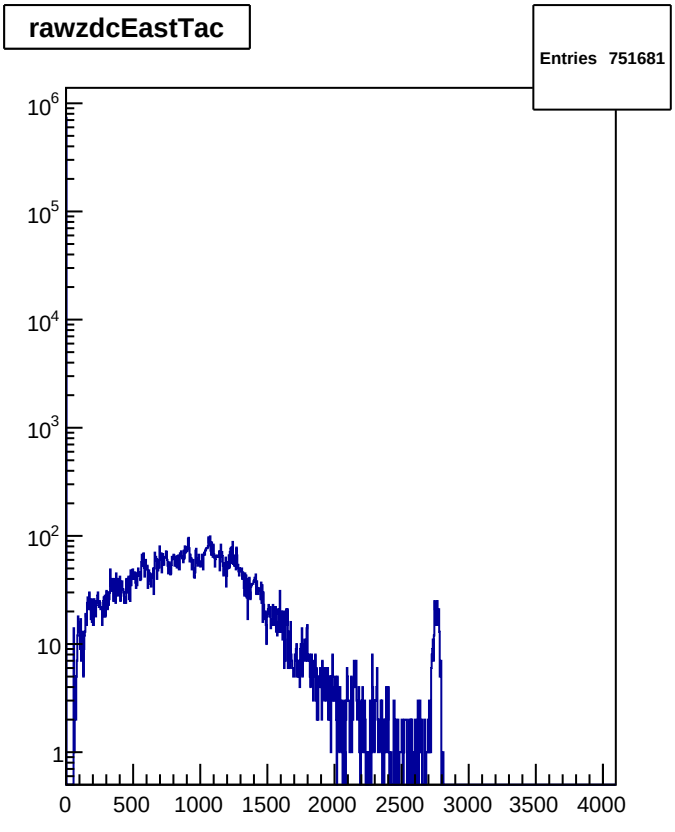

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.20269e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

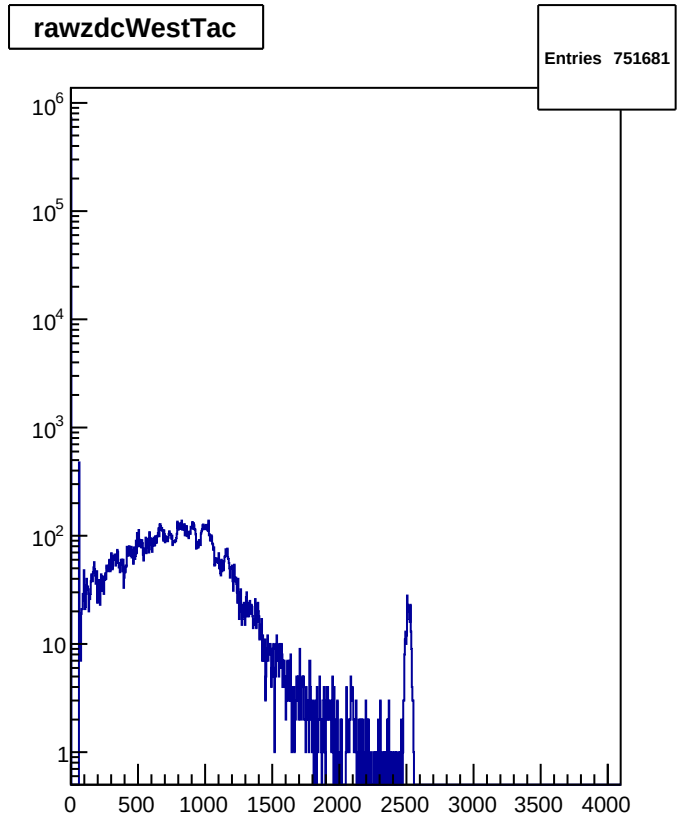

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.20269e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

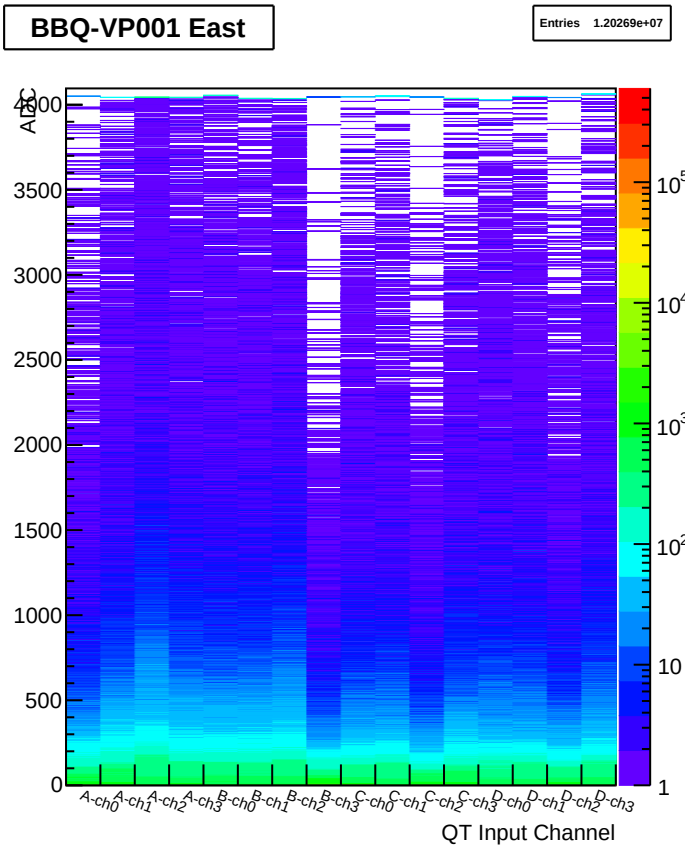

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.20269e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

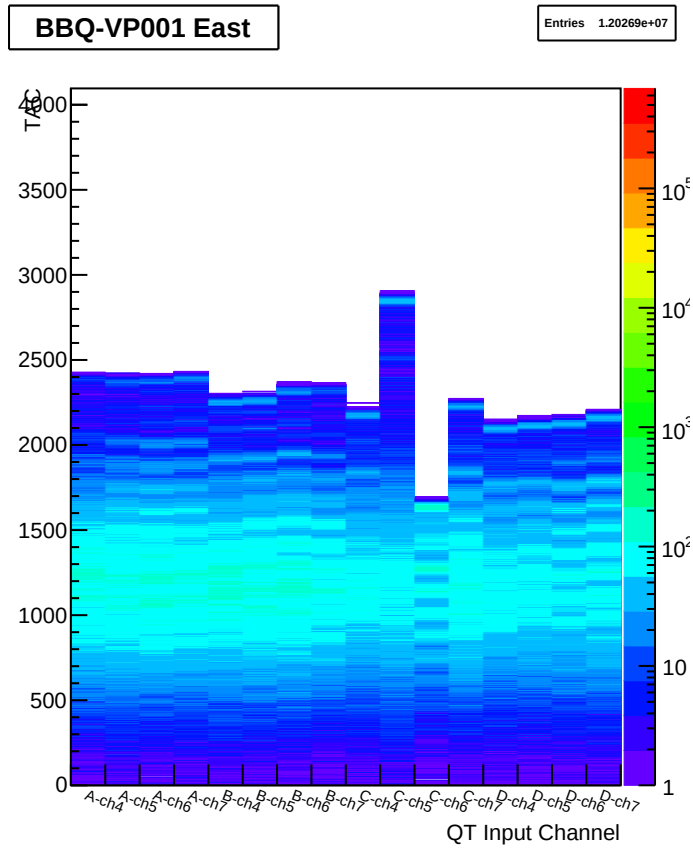

BBQ-ZD001 (ZDC TOWER)
Entries 1.20269e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

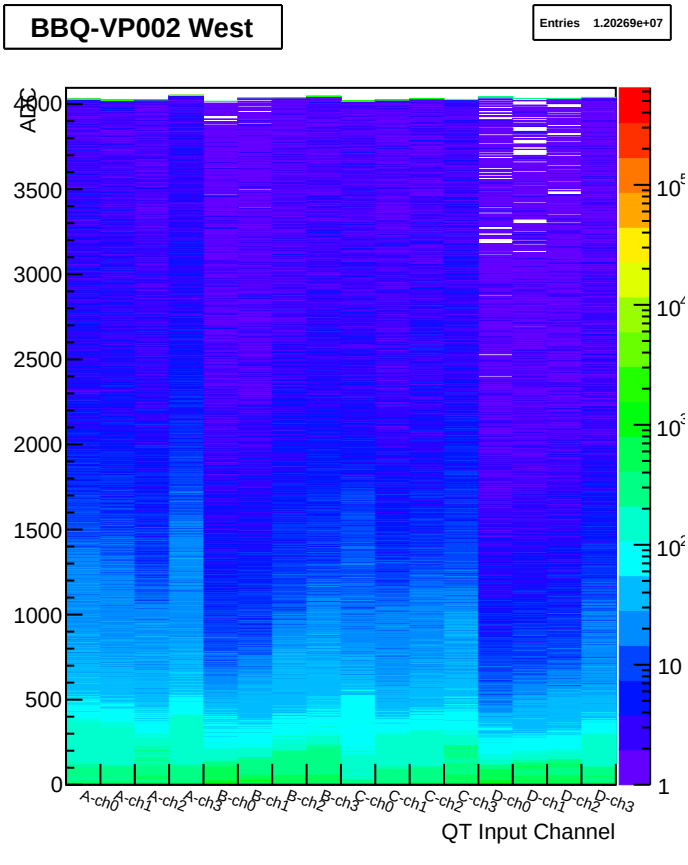

BBQ-ZD001 (ZDC TOWER)
Entries 1.20269e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

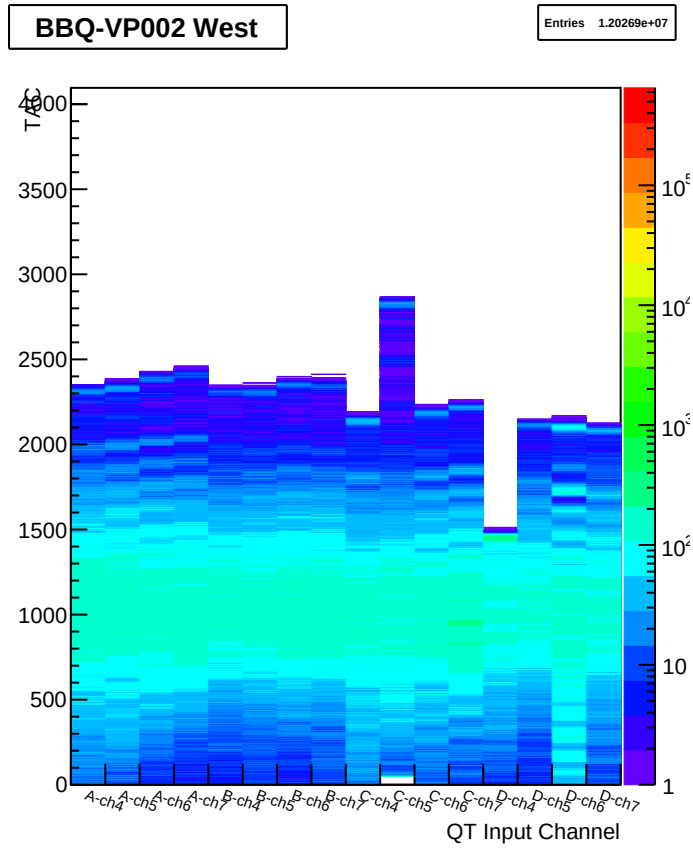

rawzdcEastTac
Entries 751681

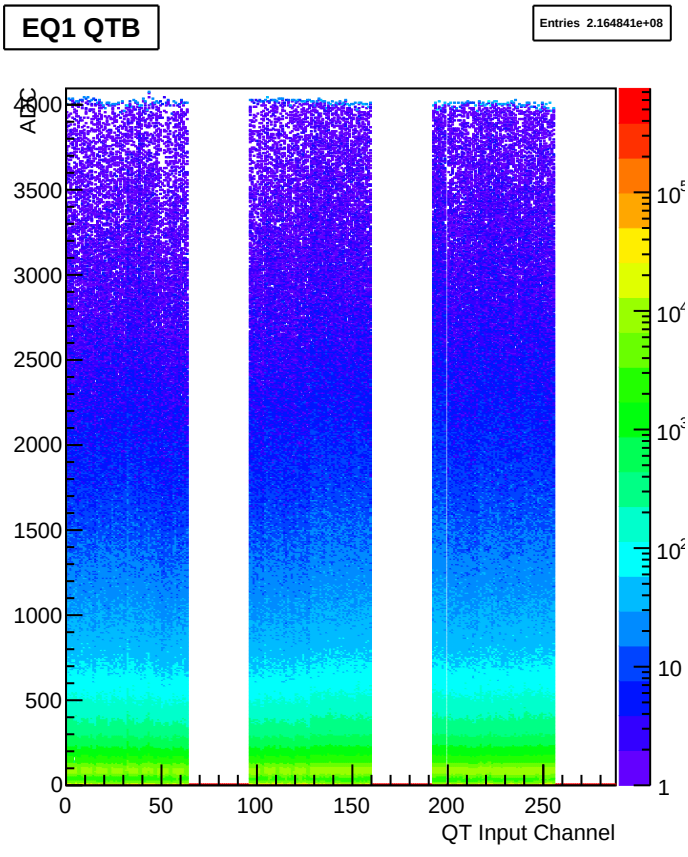

rawzdcWestTac
Entries 751681

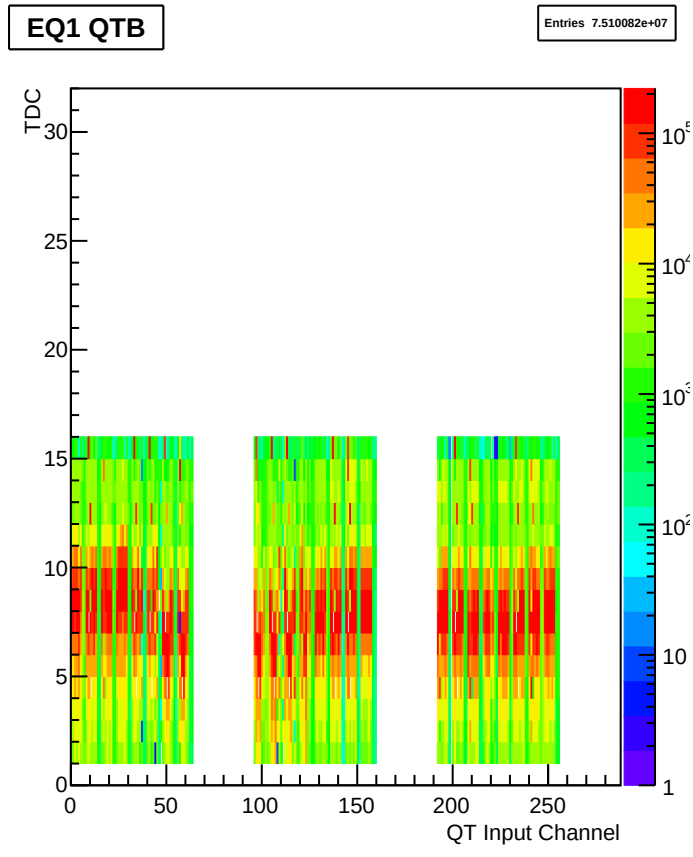

BBQ-VP001 East
Entries 1.20269e+07
ADC
QT Input Channel

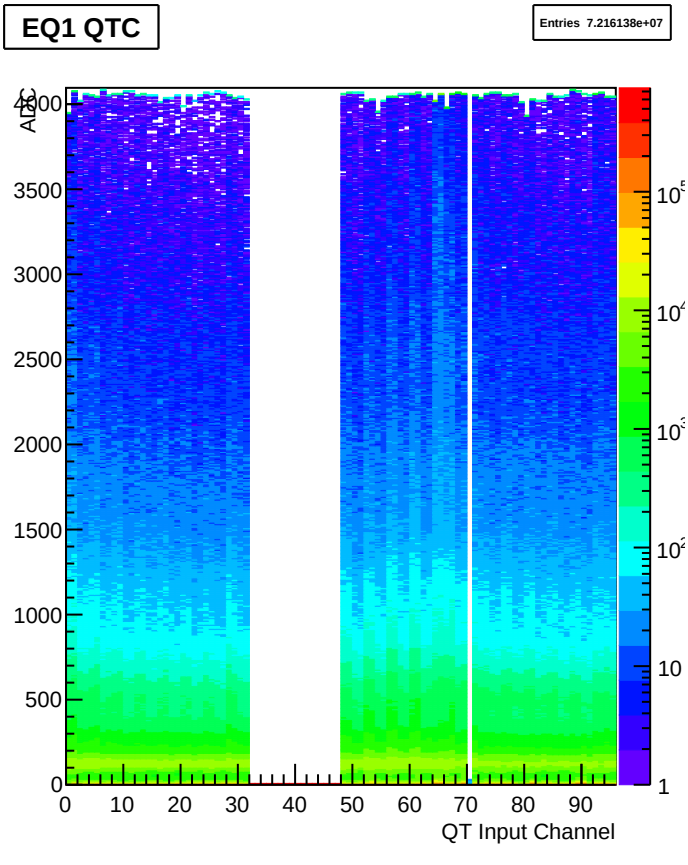

BBQ-VP001 East
Entries 1.20269e+07
ADC
QT Input Channel

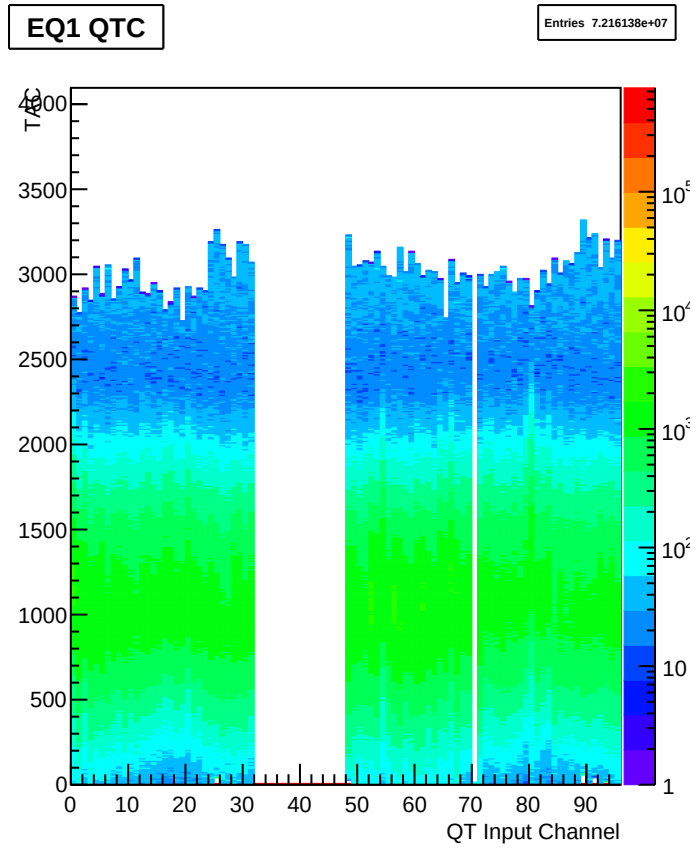

BBQ-VP002 West
Entries 1.20269e+07
ADC
QT Input Channel

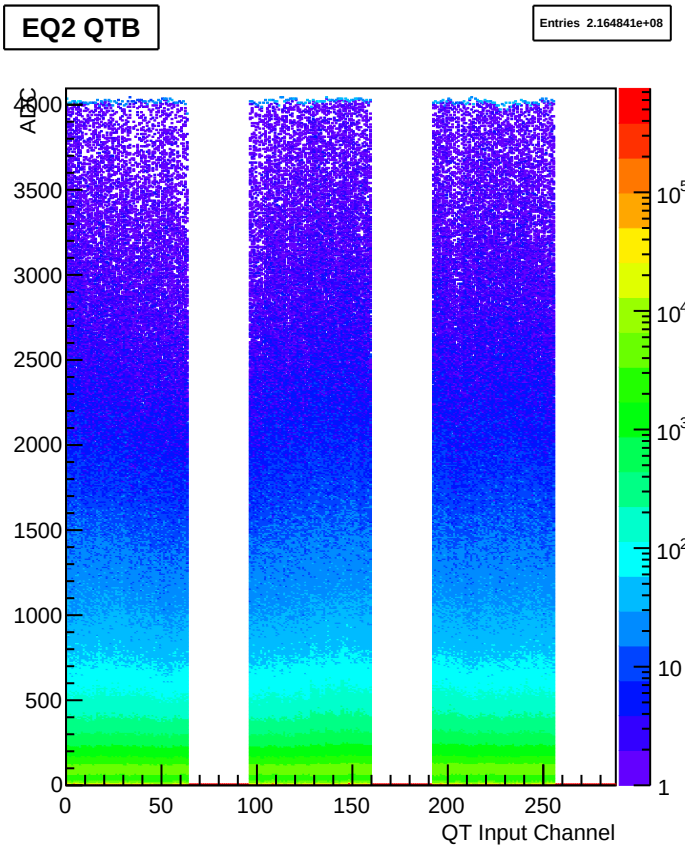

BBQ-VP002 West
Entries 1.20269e+07
ADC
QT Input Channel

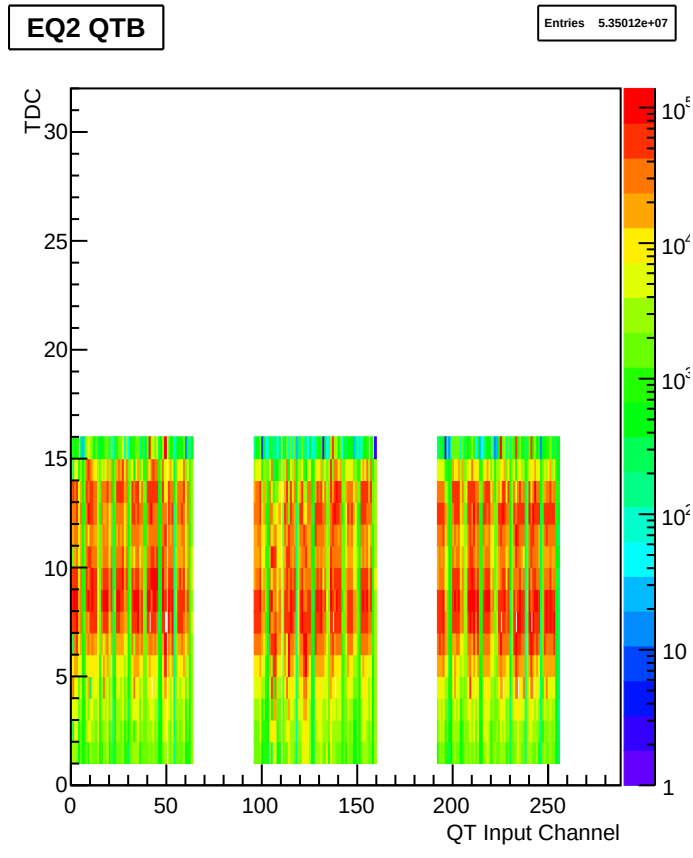

EQ1 QTB
Entries 2.164841e+08
ADC
QT Input Channel

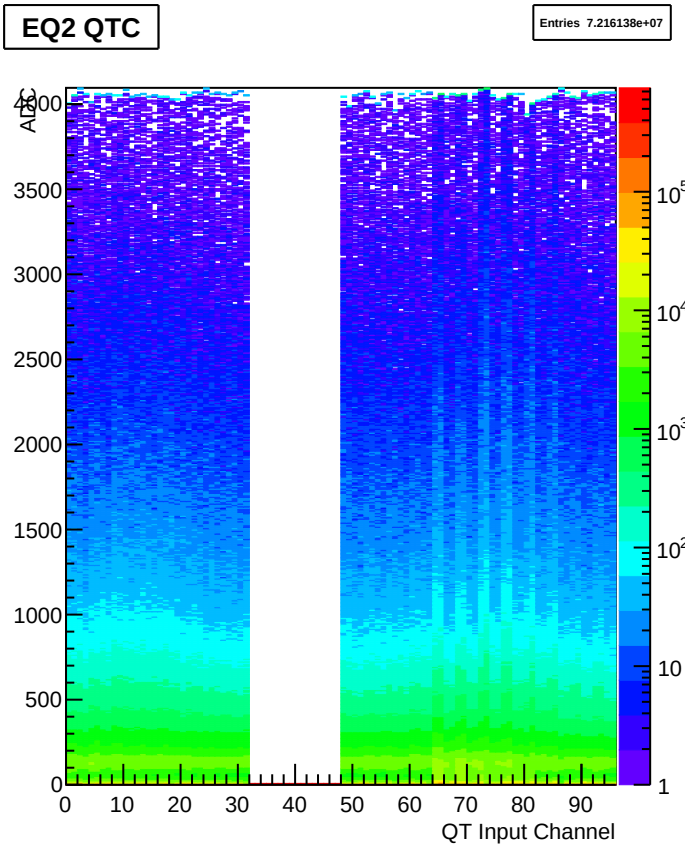

EQ1 QTB
Entries 7.510082e+07
TDC
QT Input Channel

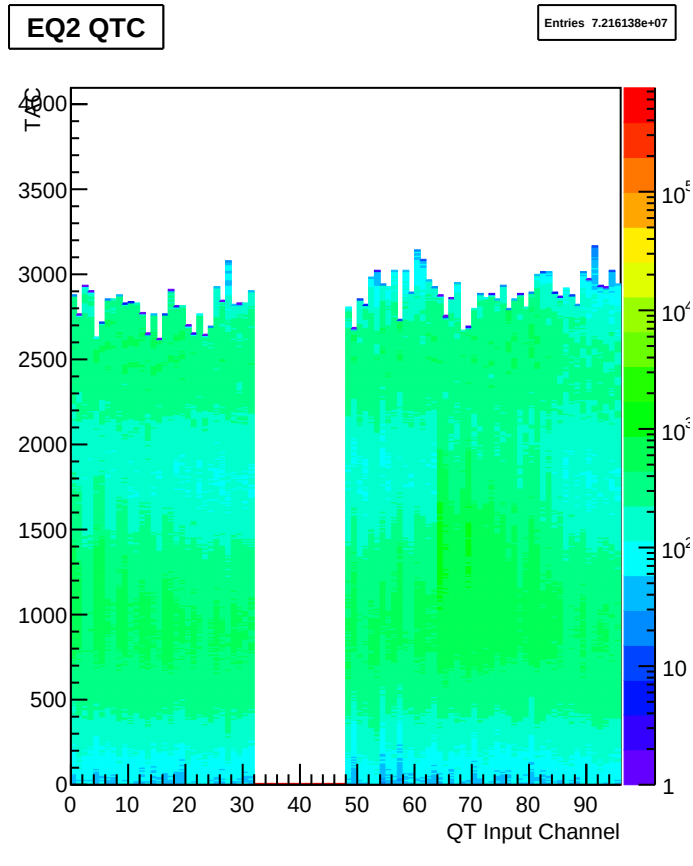

EQ1 QTC
Entries 7.216138e+07
ADC
QT Input Channel

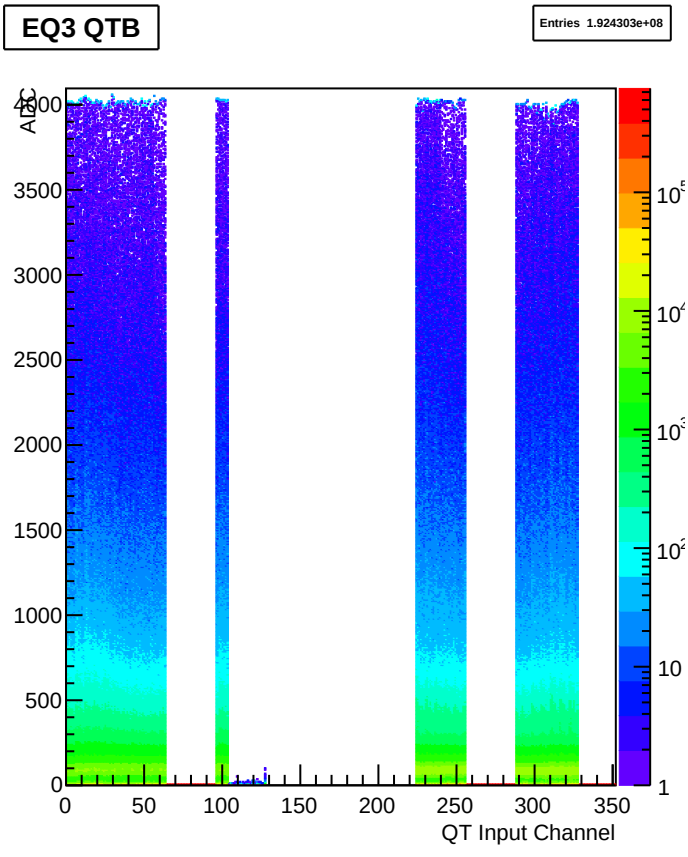

EQ1 QTC
Entries 7.216138e+07
TADC
QT Input Channel

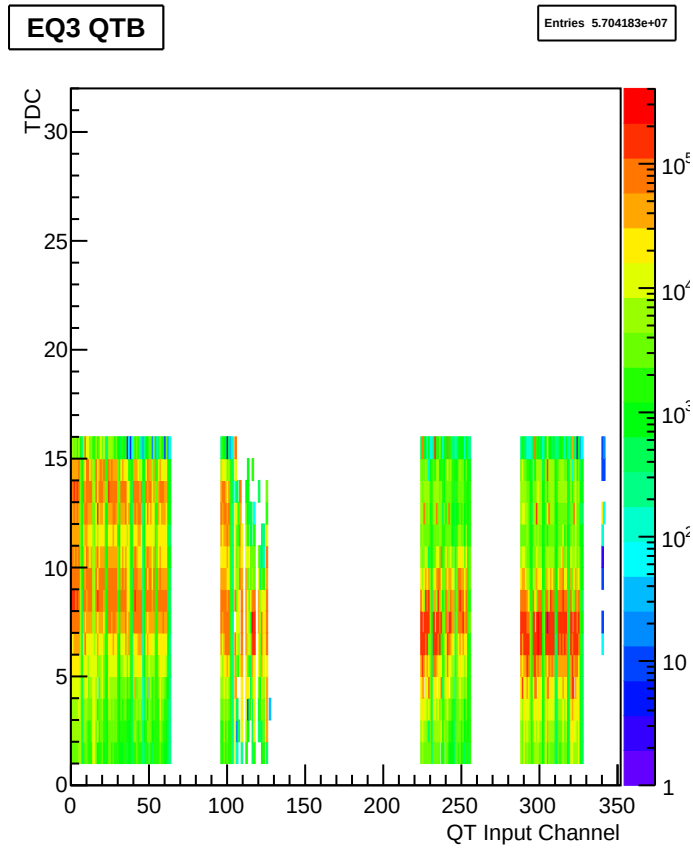

EQ2 QTB
Entries 2.164841e+08
ADC
QT Input Channel

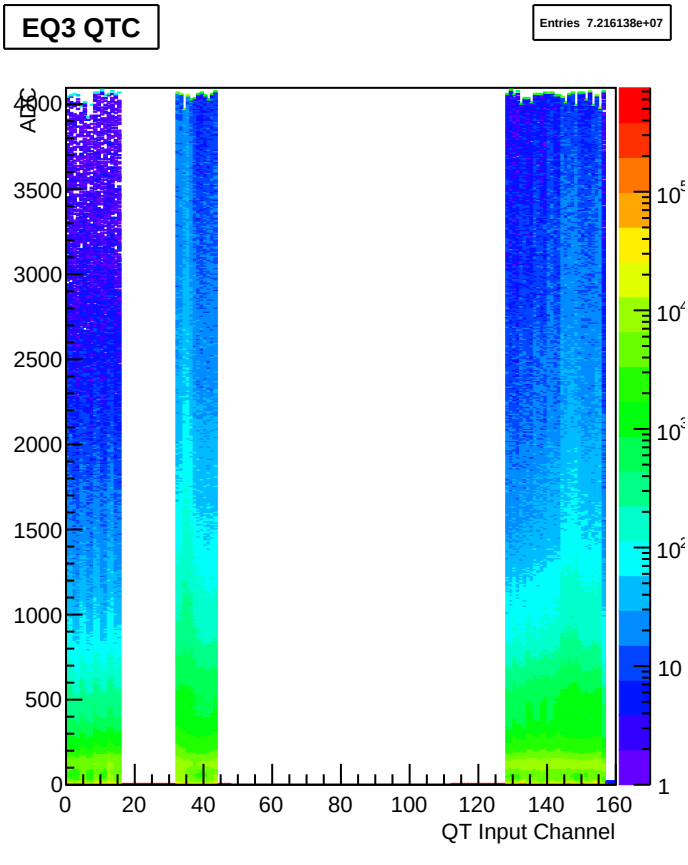

EQ2 QTB
Entries 5.35012e+07
TDC
QT Input Channel

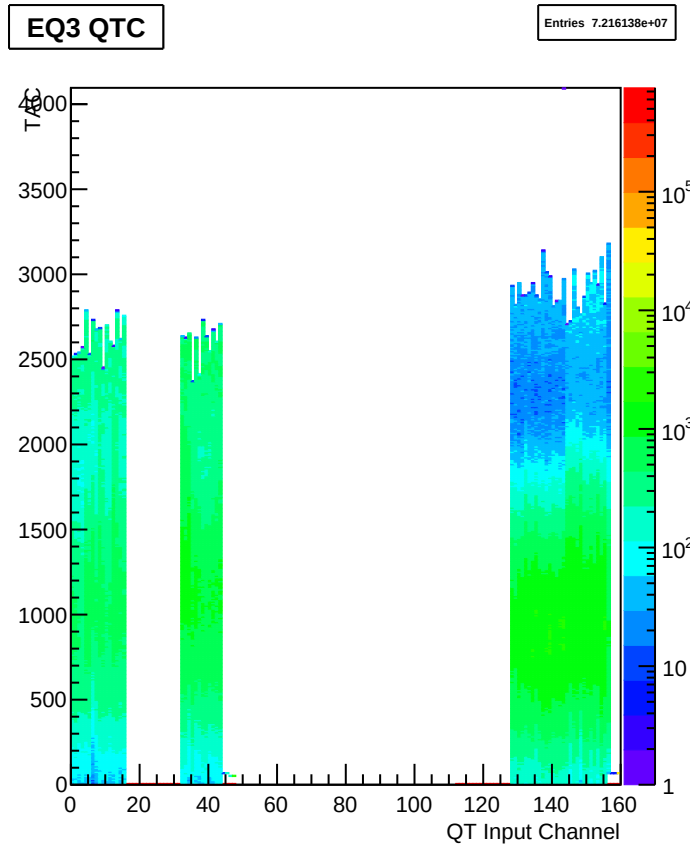

EQ2 QTC
Entries 7.216138e+07
ADC
QT Input Channel

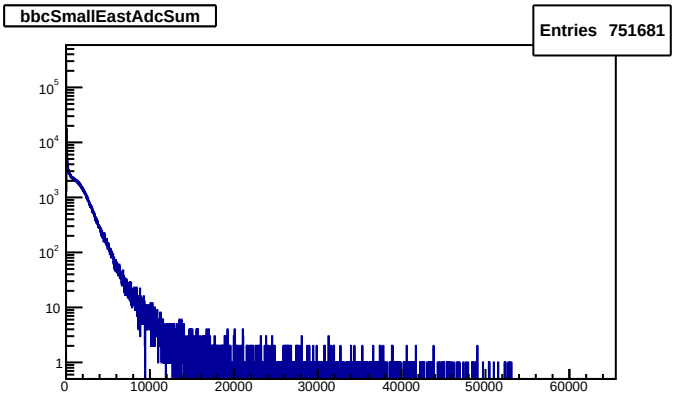

EQ2 QTC
Entries 7.216138e+07
TADC
QT Input Channel

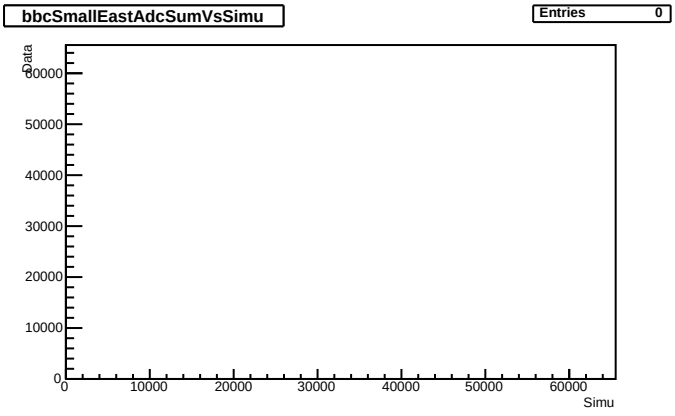

EQ3 QTB
Entries 1.924303e+08
ADC
QT Input Channel

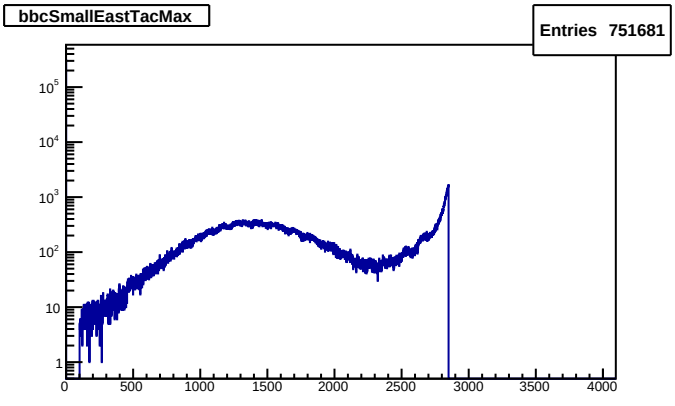

EQ3 QTB
Entries 5.704183e+07
TDC
QT Input Channel

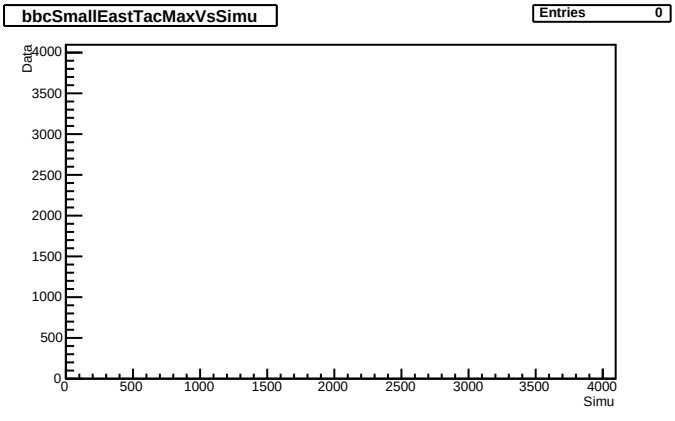

EQ3 QTC
Entries 7.216138e+07
ADC
QT Input Channel


EQ3 QTC
Entries 7.216138e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 751681


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 751681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Entries 0
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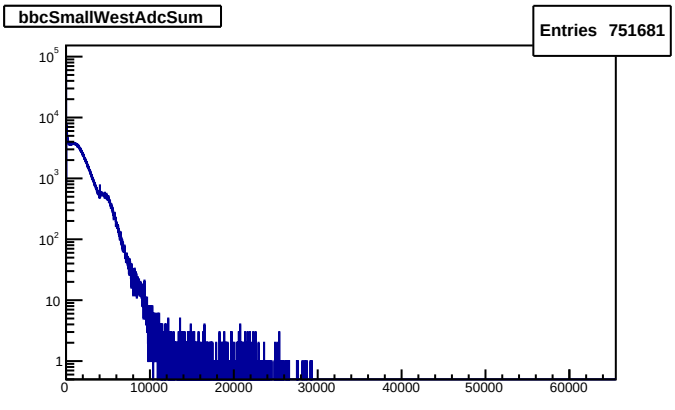
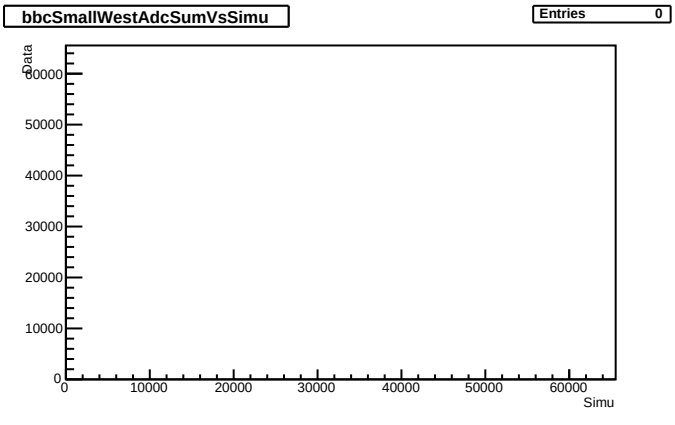

bbcSmallWestAdcSum
Entries 751681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Entries 0
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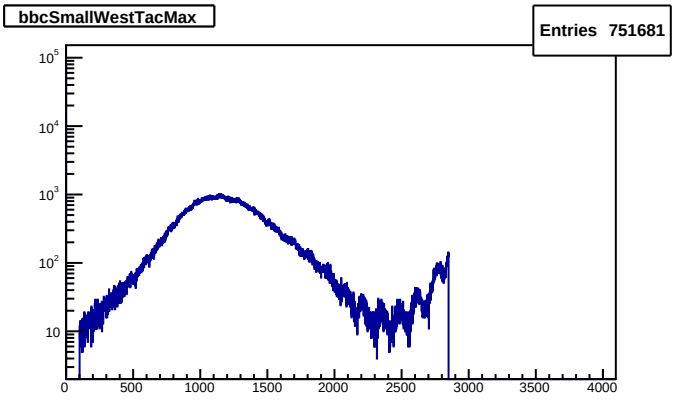
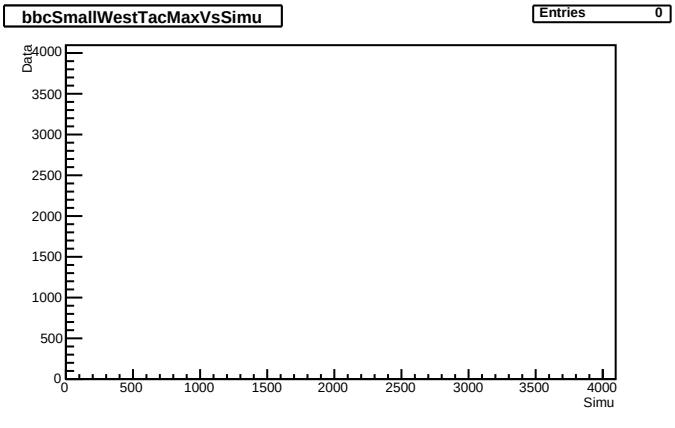
Simu


bbcSmallWestTacMax
Entries 751681


bbcSmallWestTacMaxVsSimu
Entries 0
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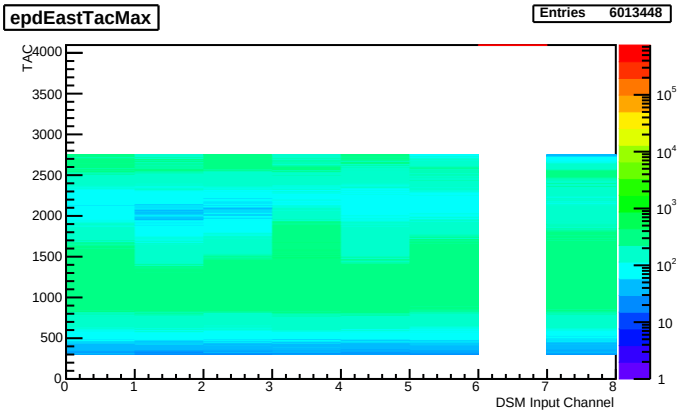
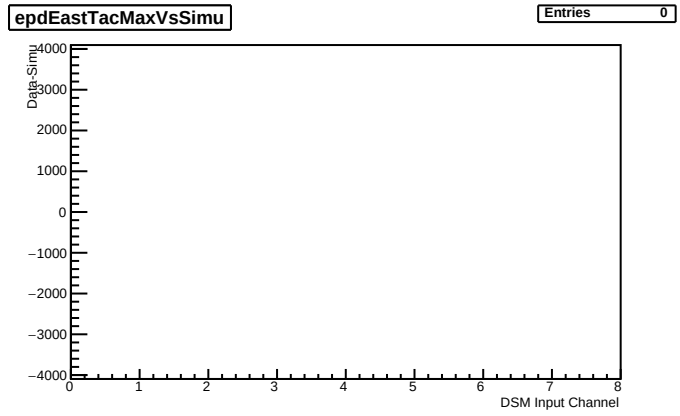
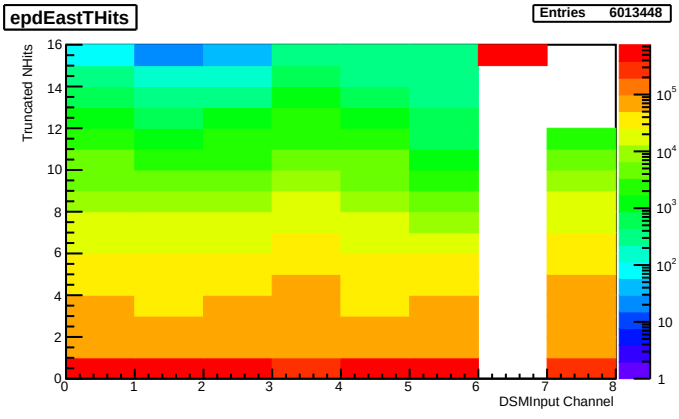
Simu


epdEastTacMax
Entries 6013448
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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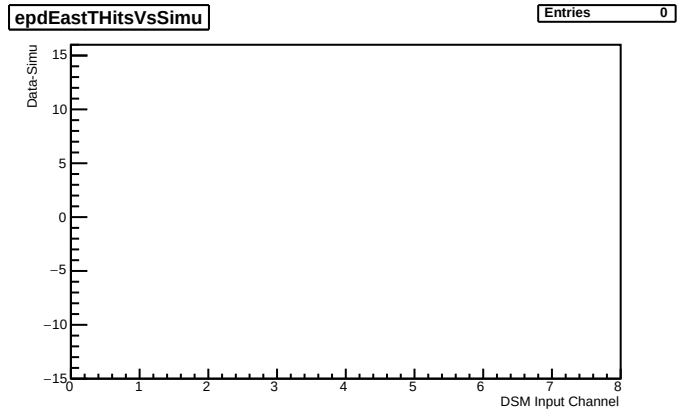
Entries 6013448
Truncated NHits
DSMInput Channel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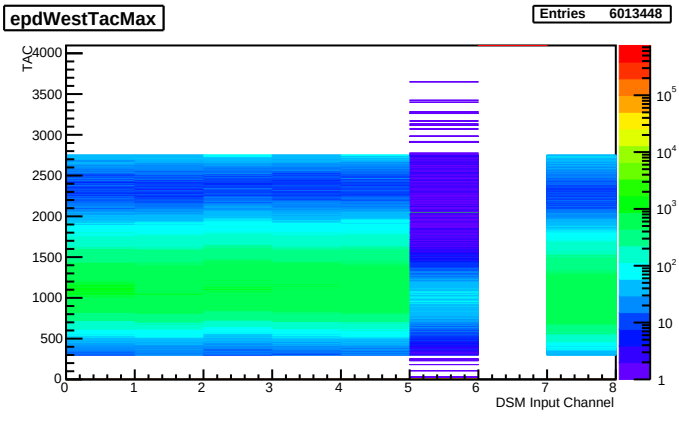
DSM Input Channel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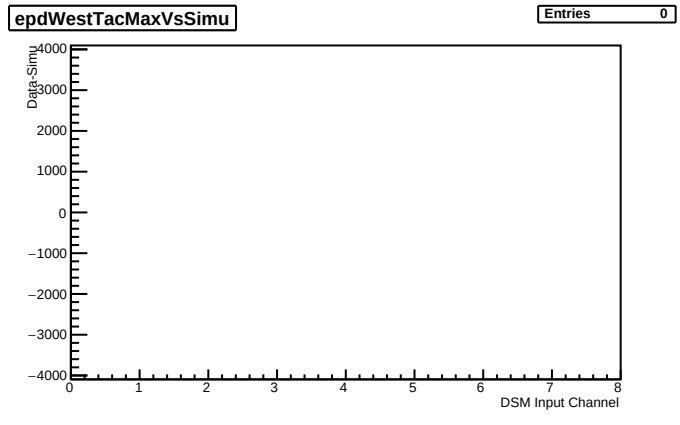
Entries 6013448
TAC
DSM Input Channel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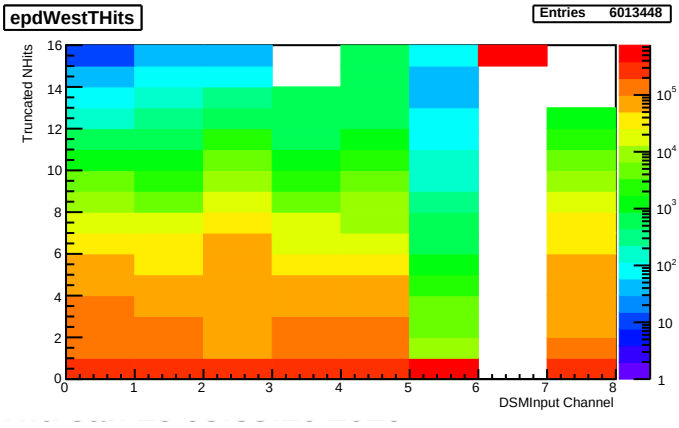
Entries 0
Data-Simu
DSM Input Channel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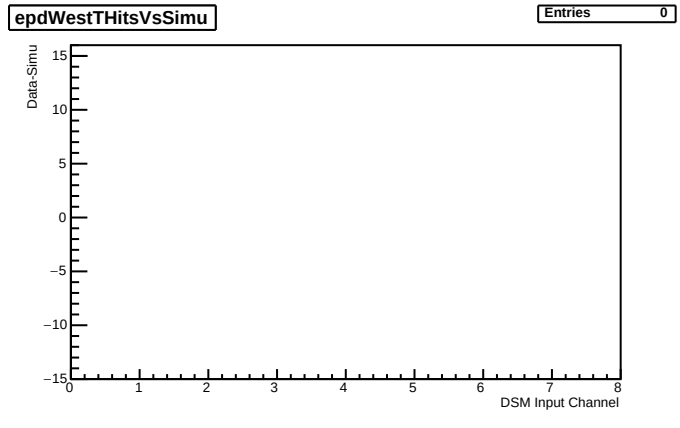
Entries 6013448
Truncated NHits
DSMInput Channel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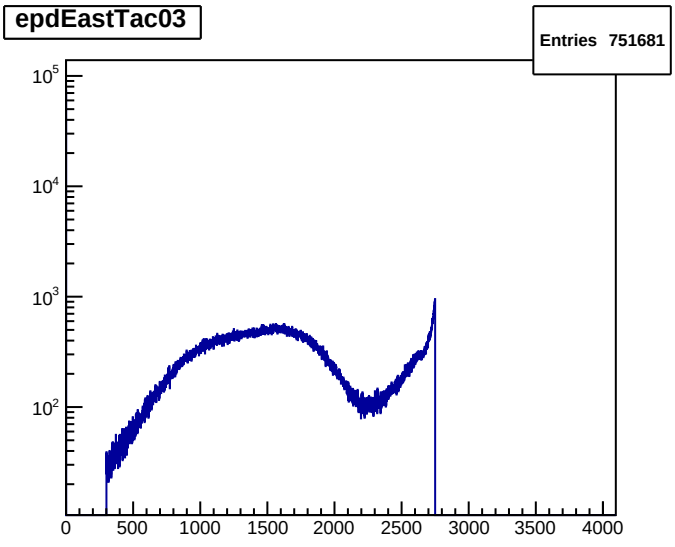
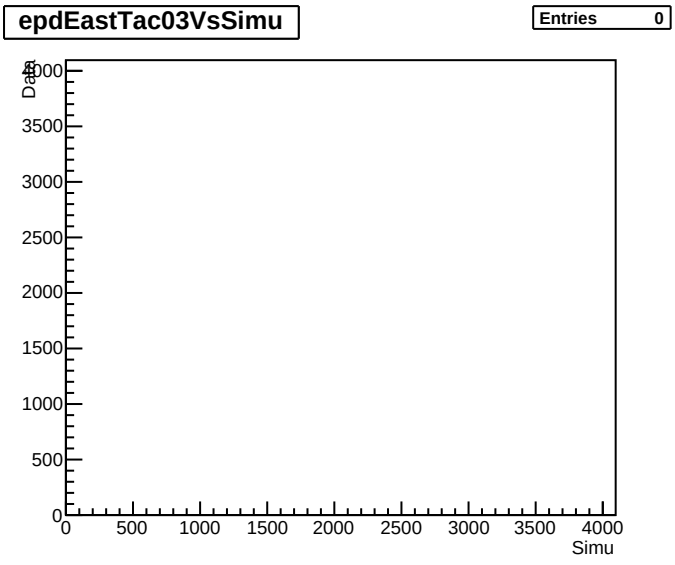
Data-Simu
DSM Input Channel


epdEastTac03
Entries 751681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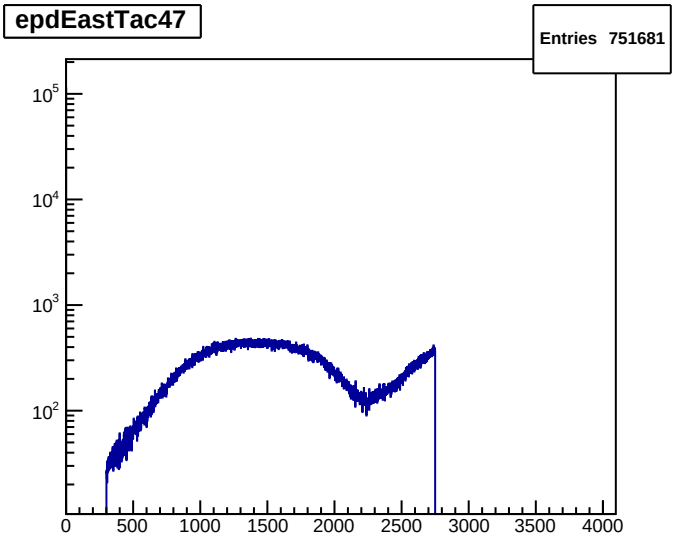
Entries 0
Data
Simu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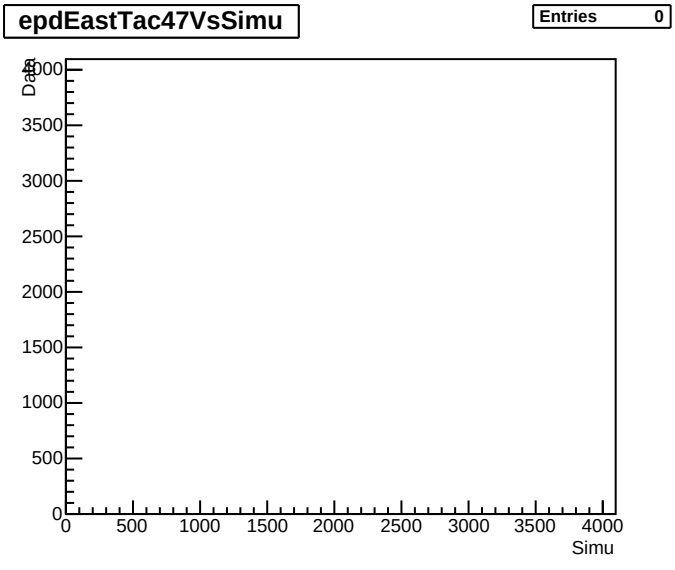
Entries 751681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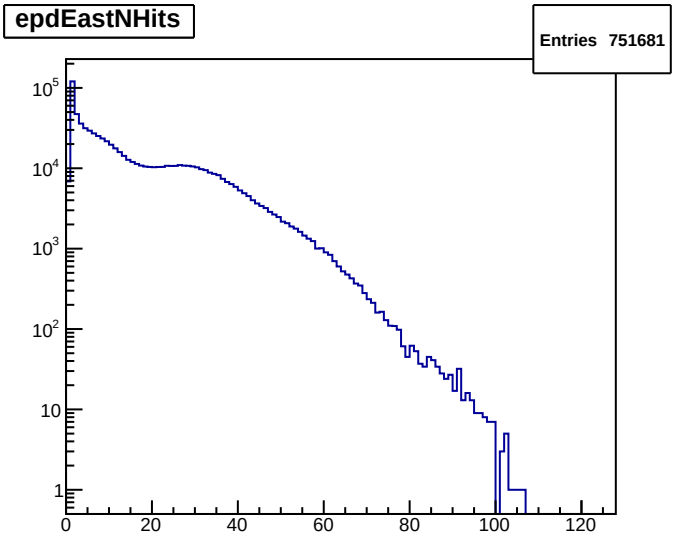
Entries 0
Data
Simu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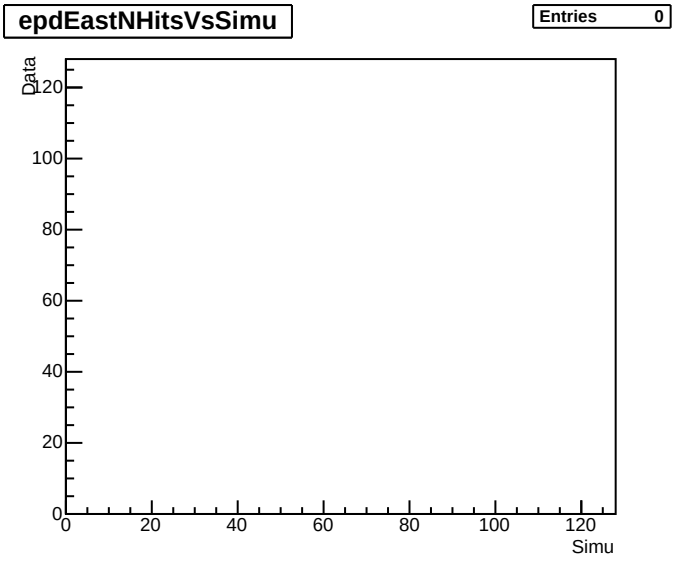
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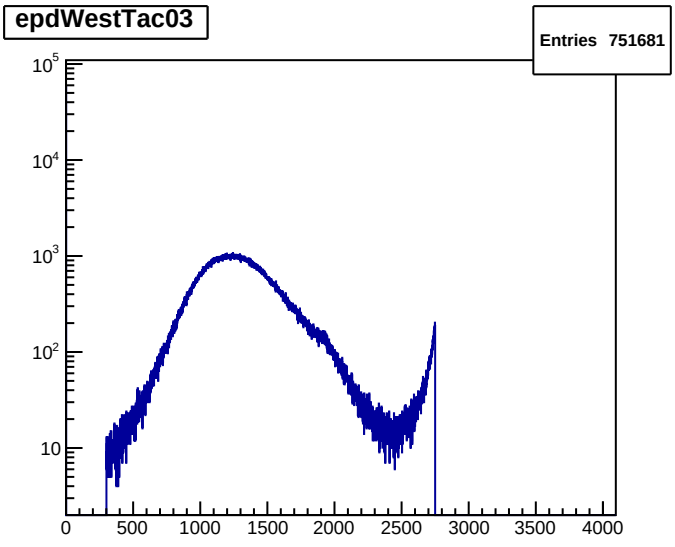
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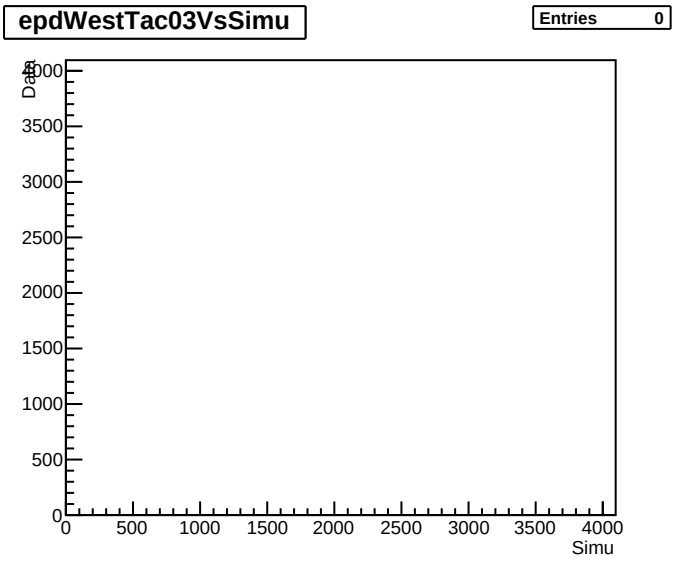
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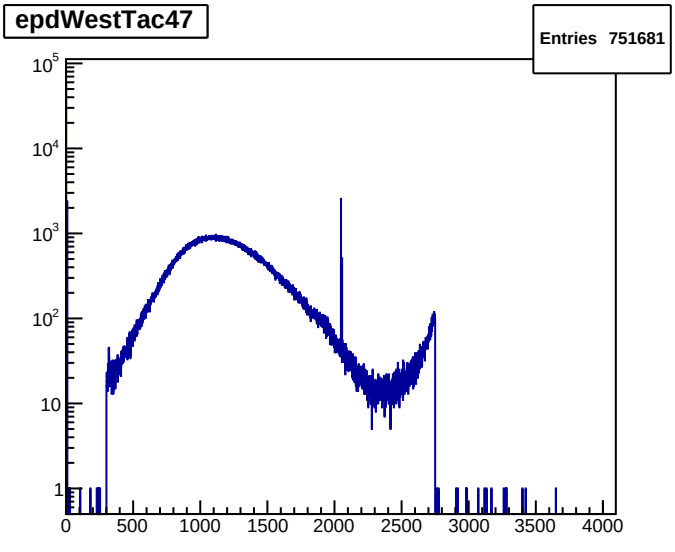
Entries 0
Data
Simu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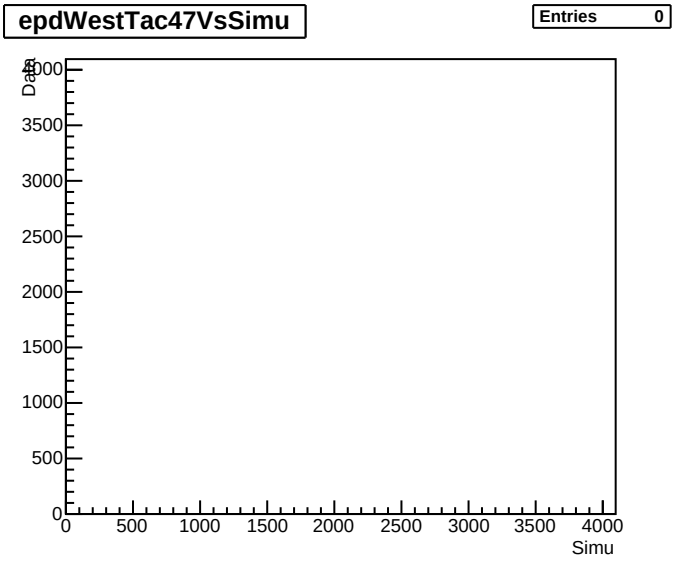
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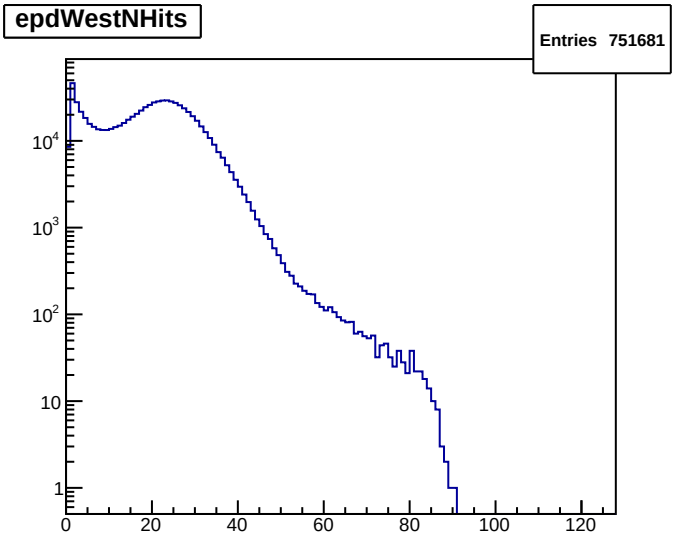
Data
Simu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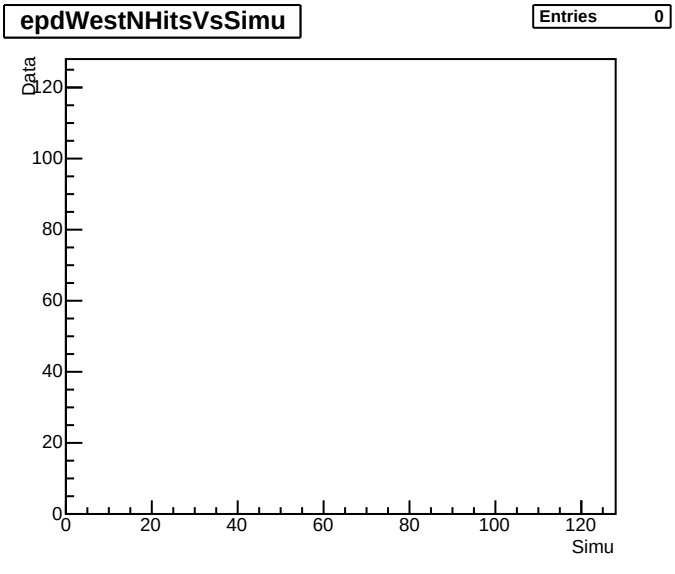
Entries 751681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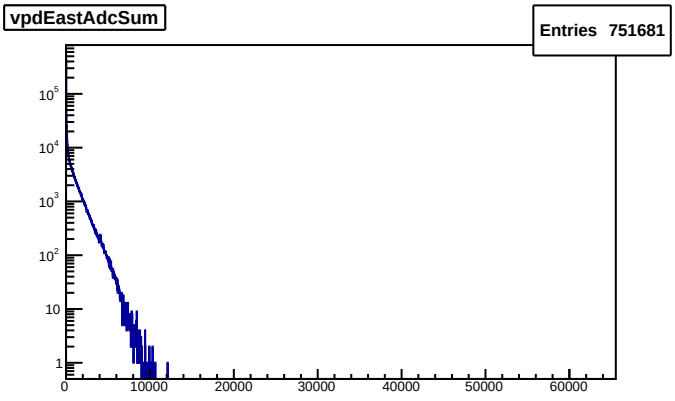
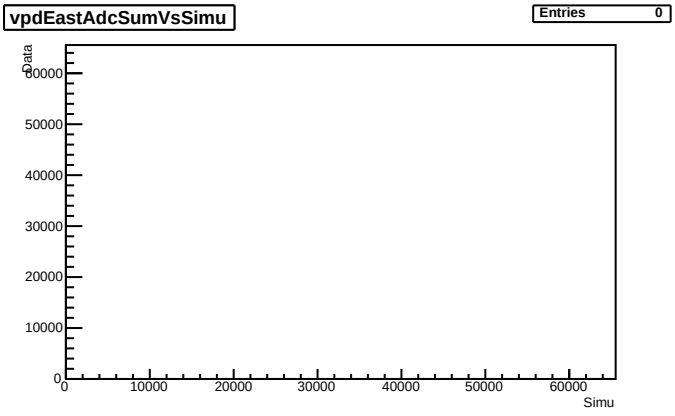
Entries 0
Data
Simu


vpdEastAdcSum
Entries 751681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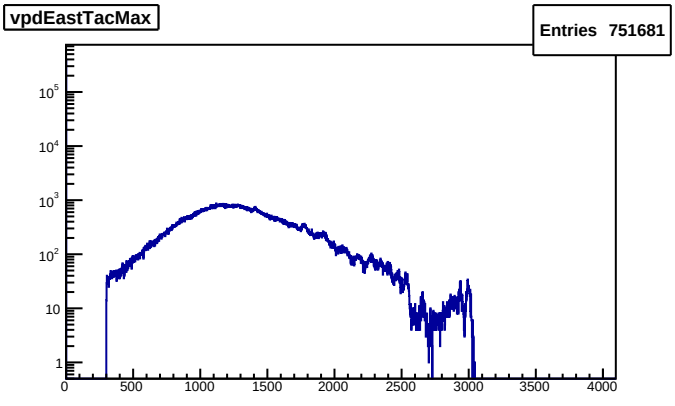
Entries 0
Data
Simu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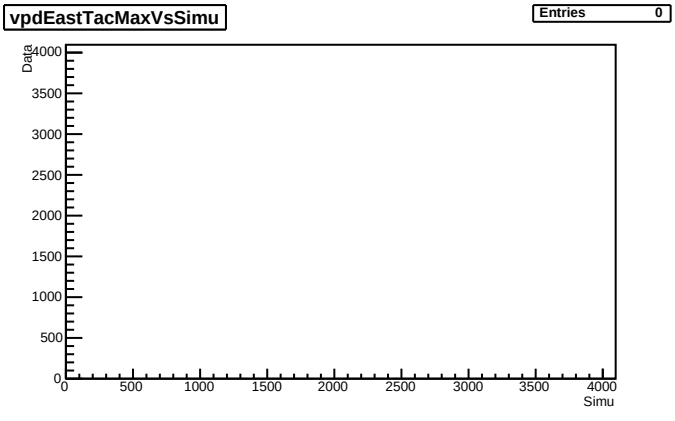
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Data
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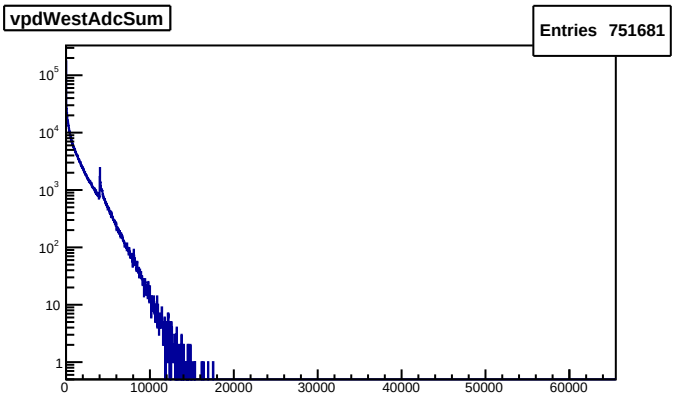
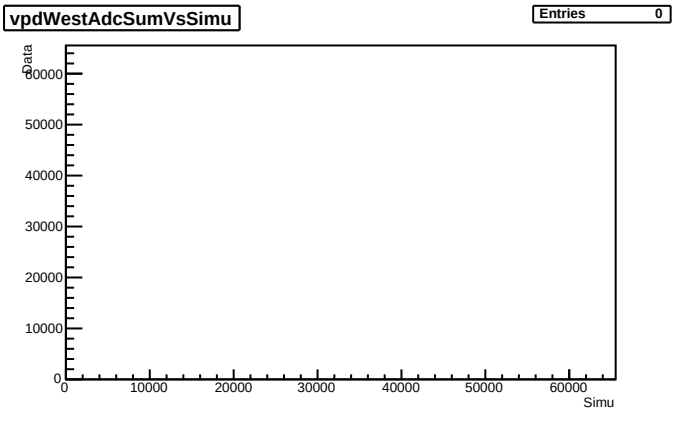

vpdWestAdcSum
Entries 751681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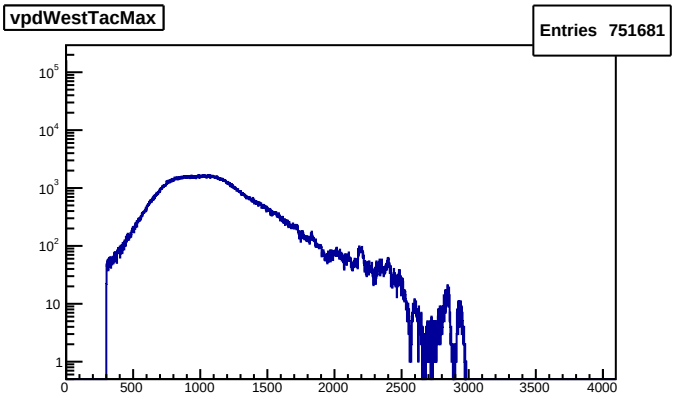
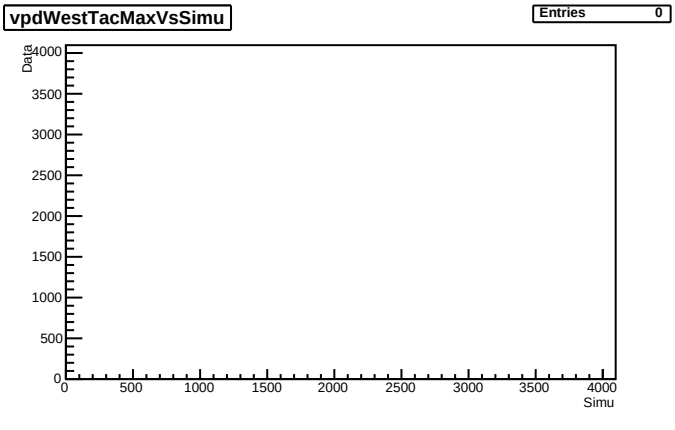
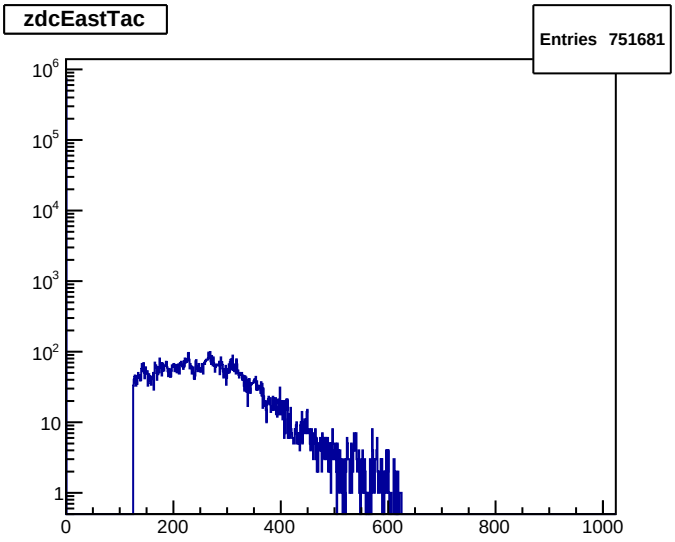
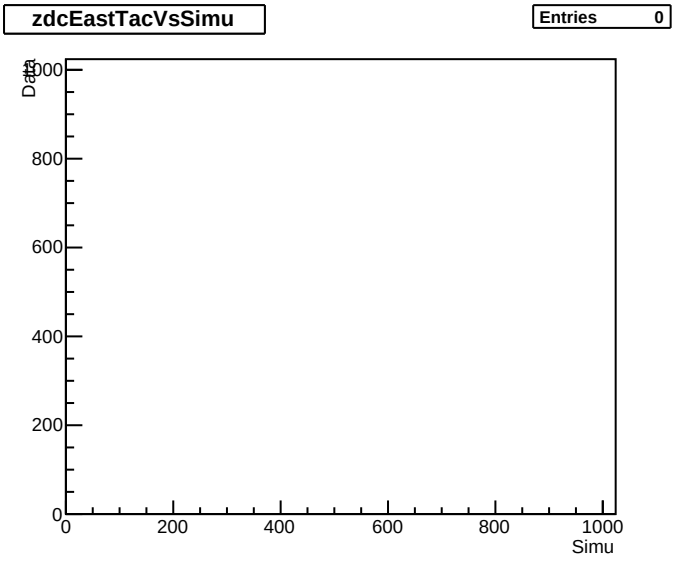
Entries 0
Data
Simu


vpdWestTacMax
Entries 751681


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 751681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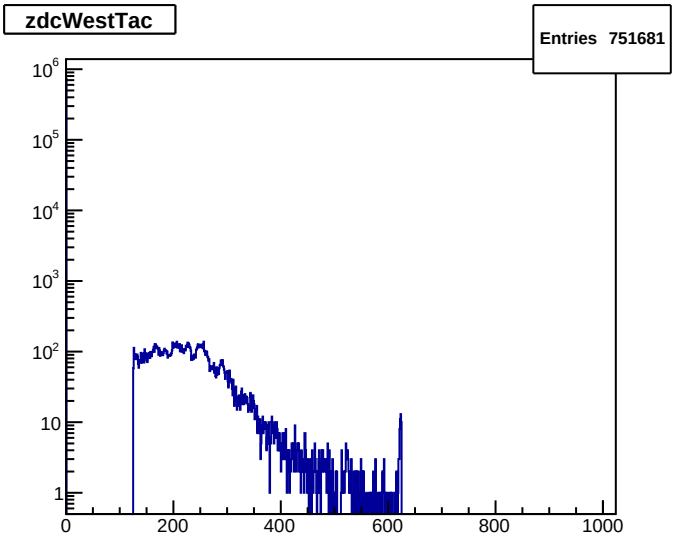
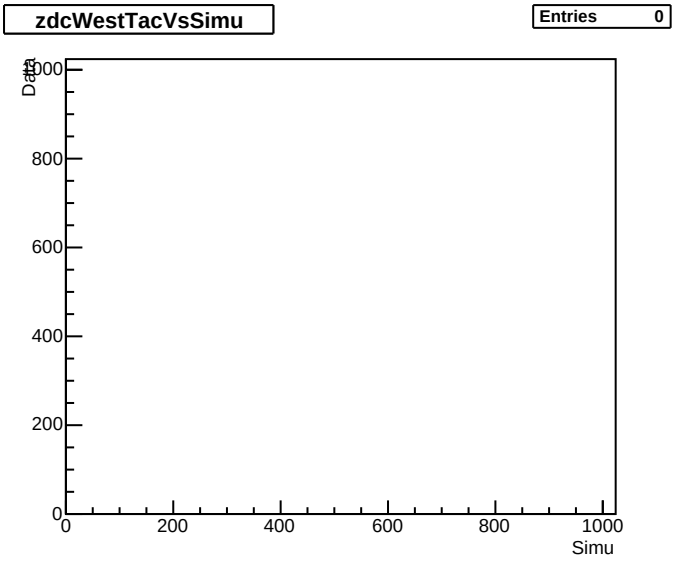
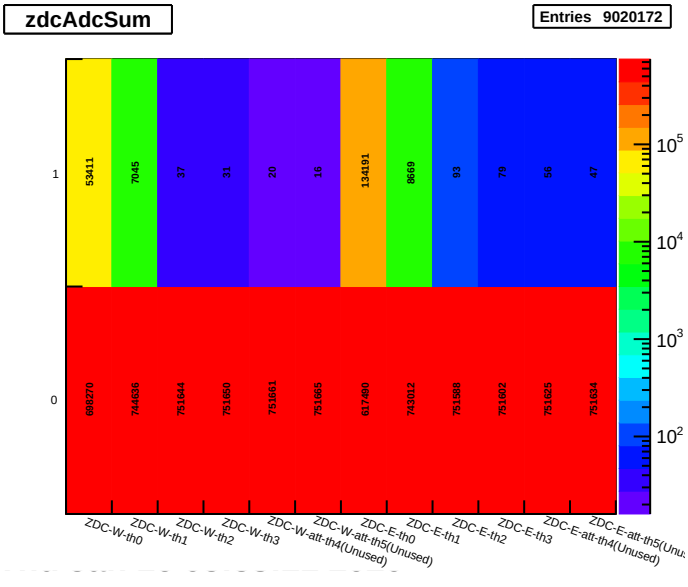
Entries 0
Data
Simu


zdcWestTac
Entries 751681


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 9020172
53411
7045
37
31
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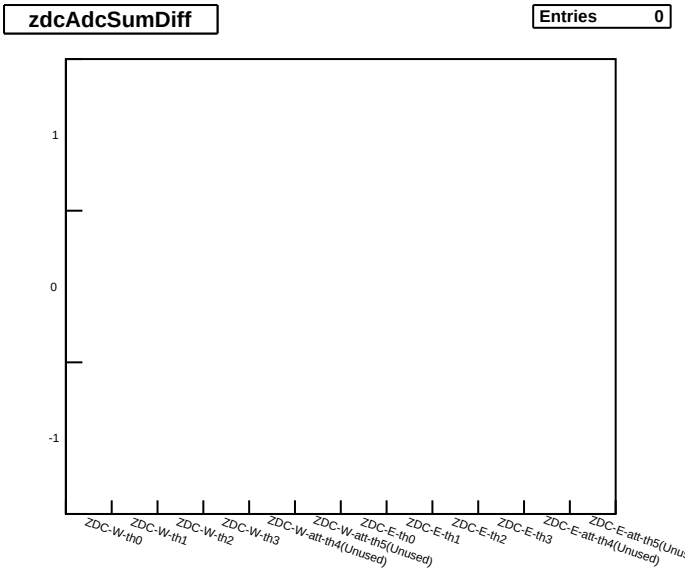
16
134191
8669
93
79
56
47
698270
744636
751644
751650
751661
751665
617490
743012
751588
751602
751625
751634
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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
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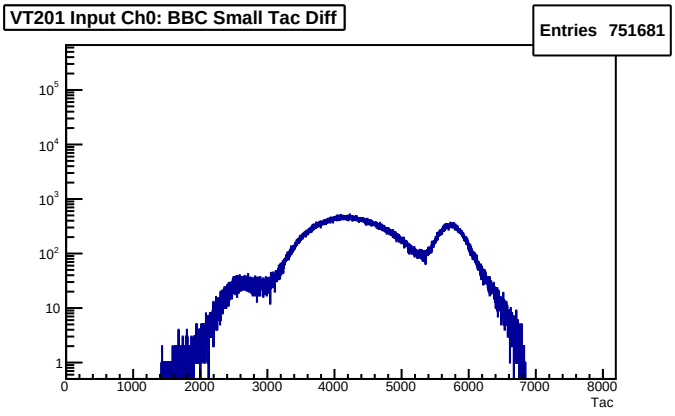
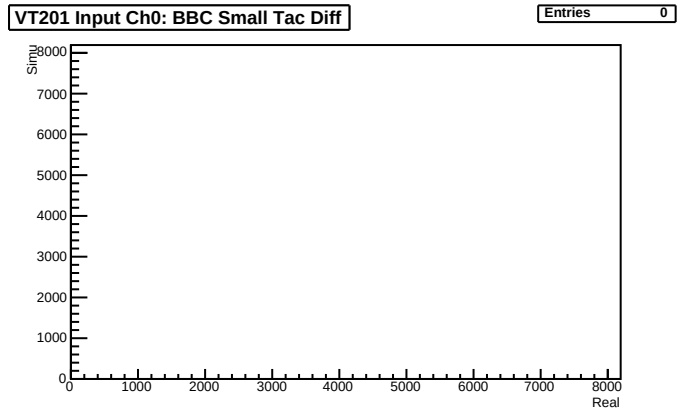
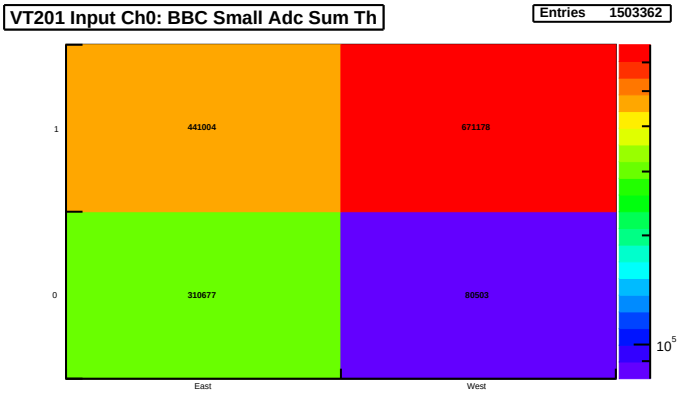
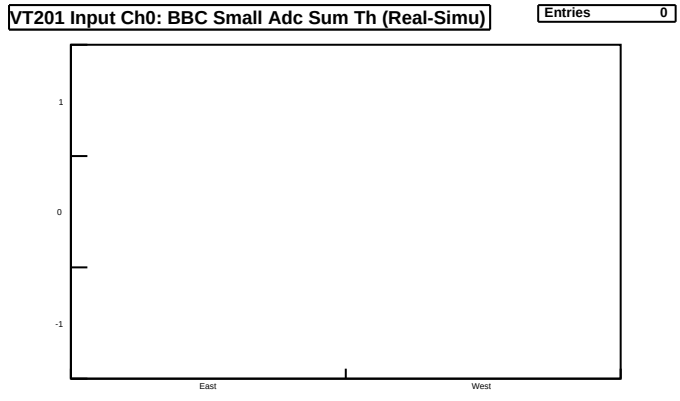
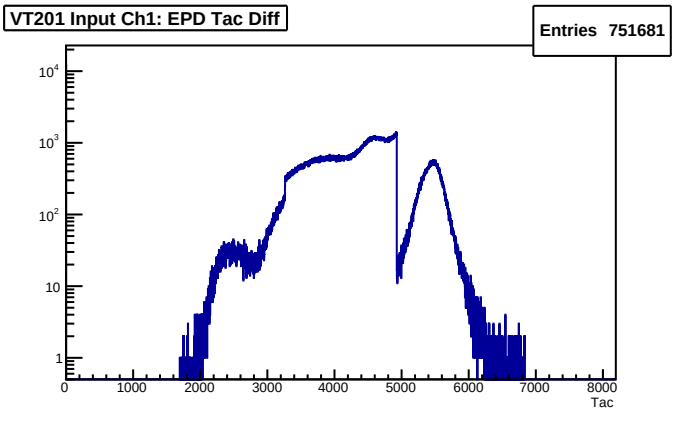
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

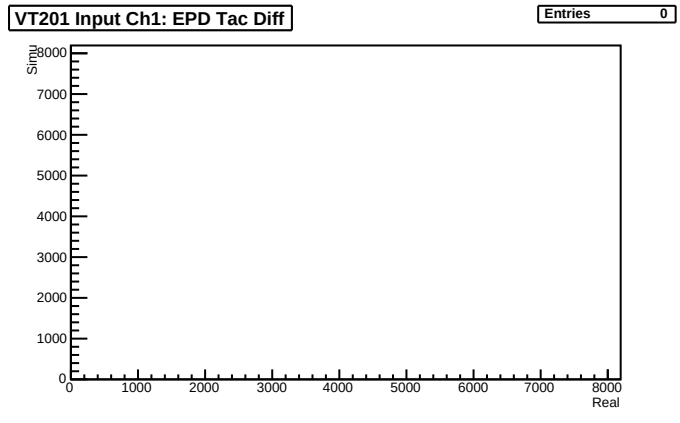

VT201 Input Ch0: BBC Small Tac Diff
Entries 751681
Tac

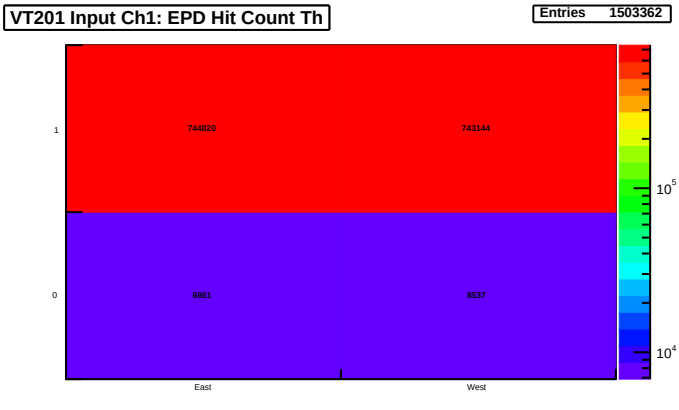

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

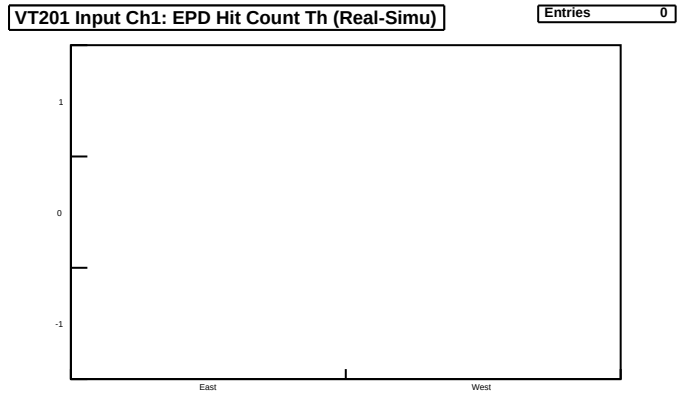

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1503362
441004
671178
310677
80503
East
West

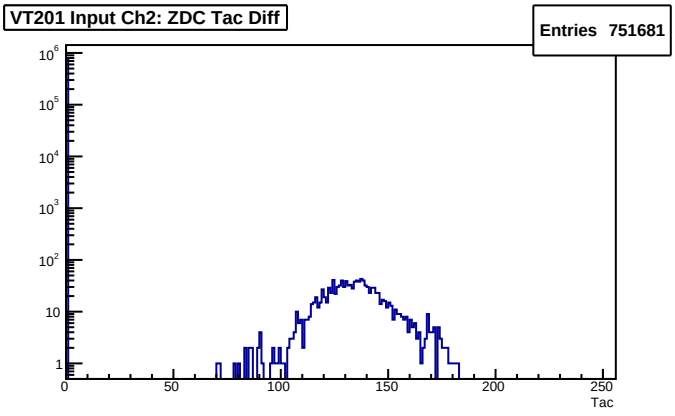

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

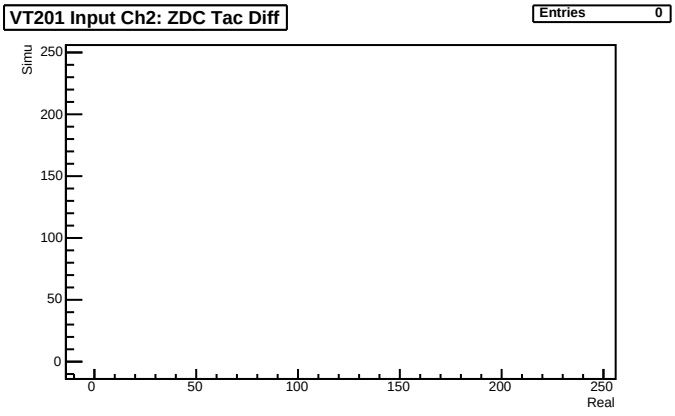

VT201 Input Ch1: EPD Tac Diff
Entries 751681
Tac

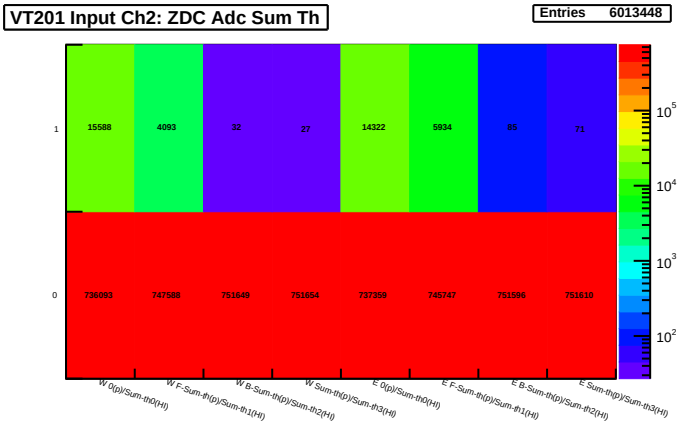

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

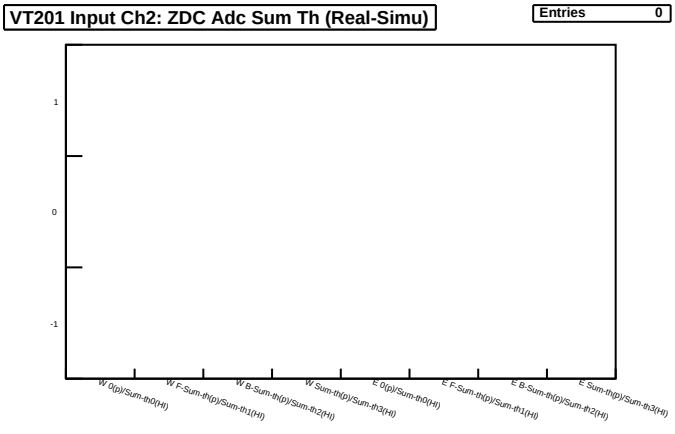

VT201 Input Ch1: EPD Hit Count Th
Entries 1503362
744820
743144
6861
8537
East
West

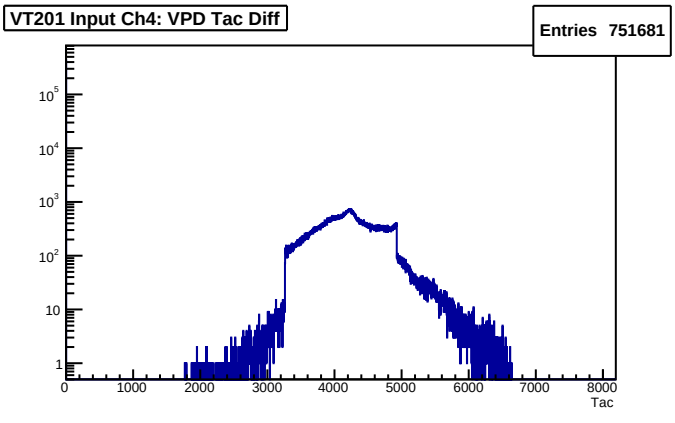

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

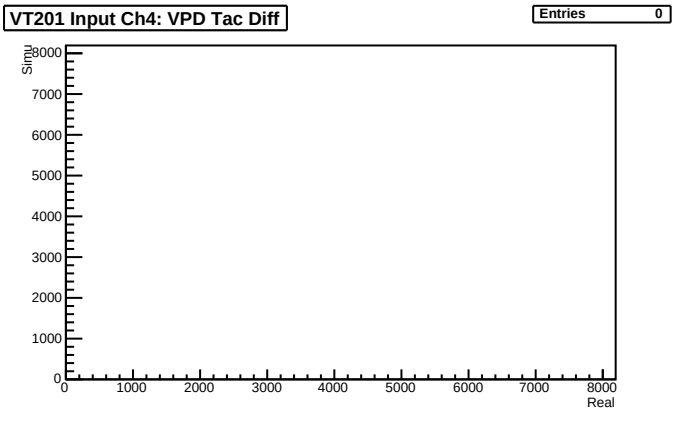

VT201 Input Ch2: ZDC Tac Diff
Entries 751681
Tac

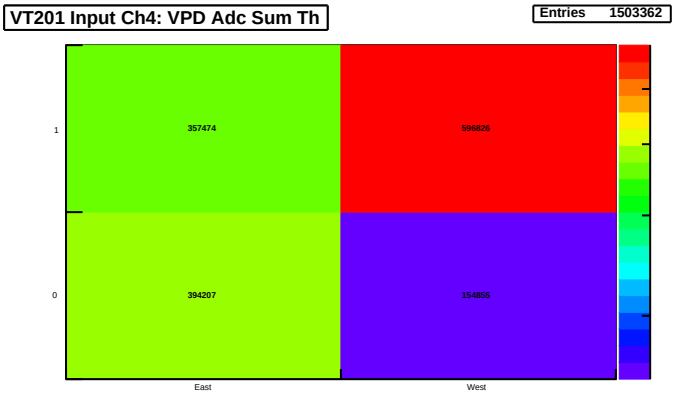

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

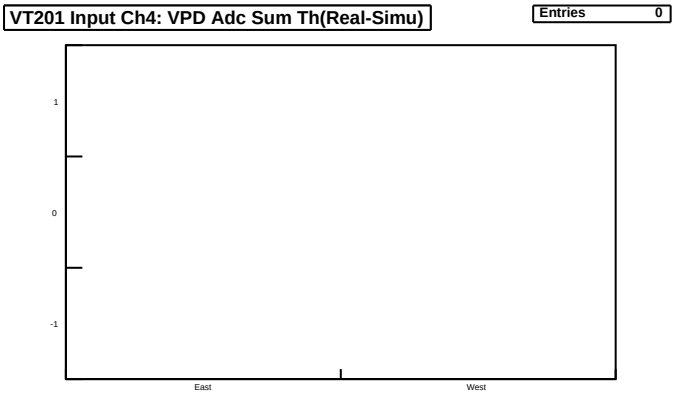

VT201 Input Ch2: ZDC Adc Sum Th
Entries 6013448
15588
4093
32
27
14322
5934
85
71
736093
747588
751649
751654
737359
745747
751596
751610
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

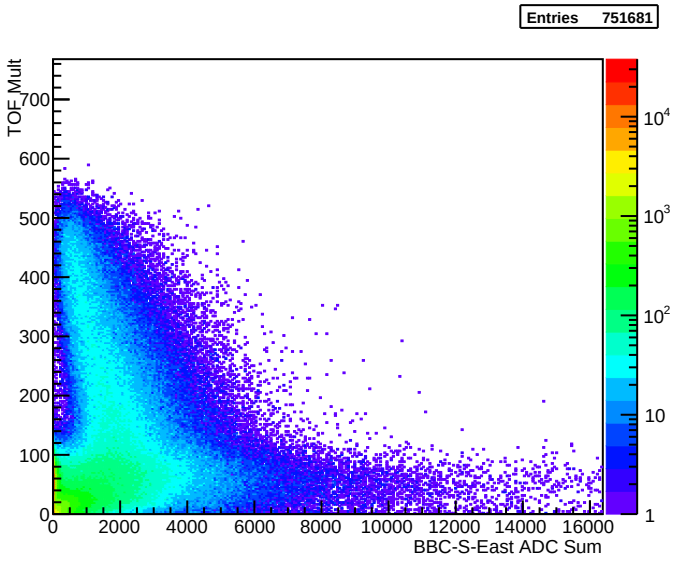

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

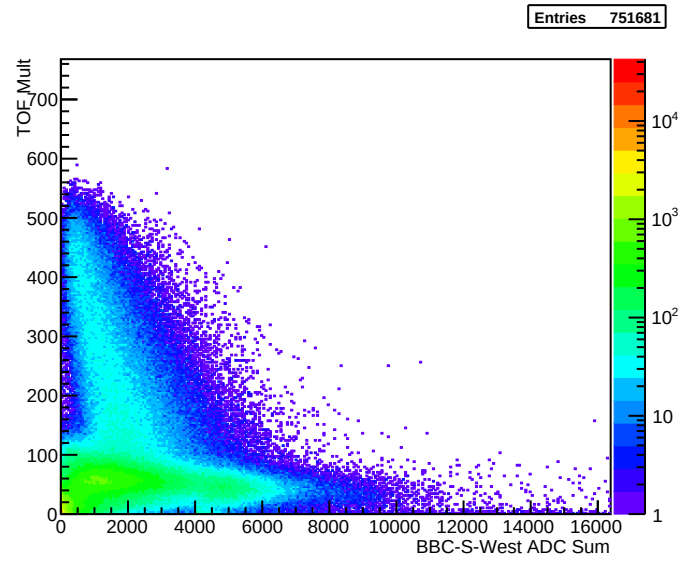

VT201 Input Ch4: VPD Tac Diff
Entries 751681
Tac

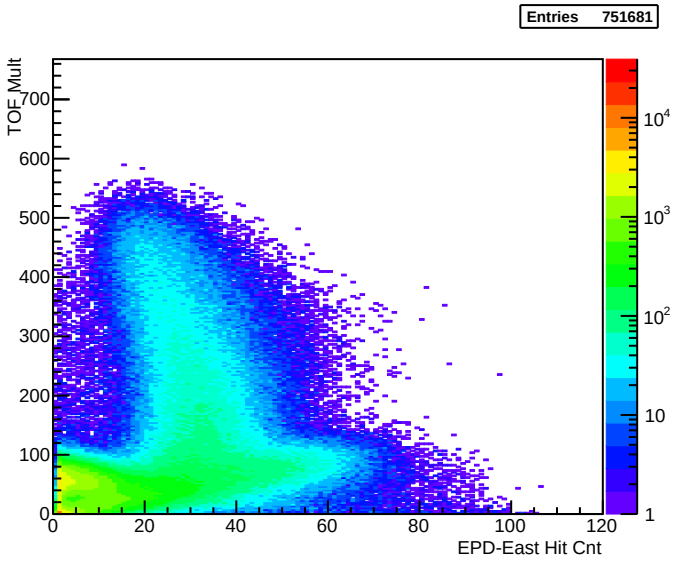

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

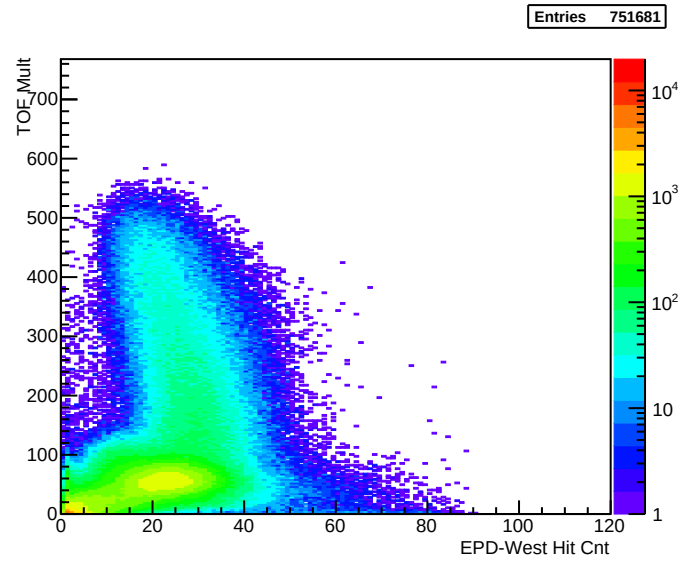

VT201 Input Ch4: VPD Adc Sum Th
Entries 1503362
357474
596826
394207
154855
East
West

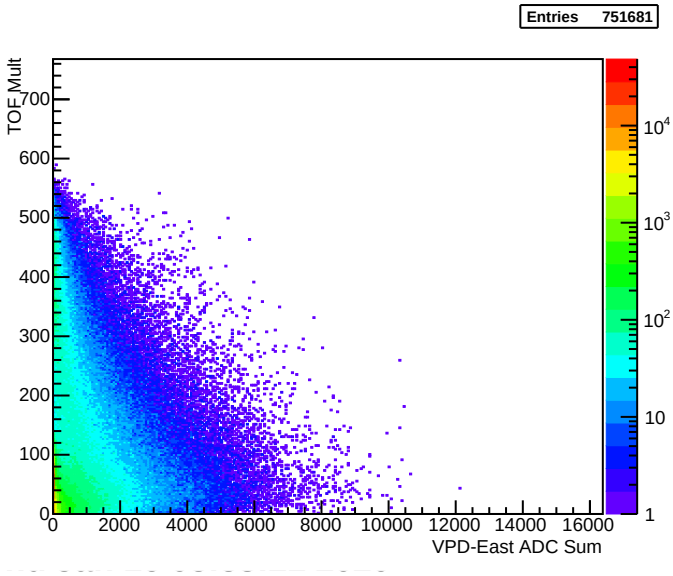

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

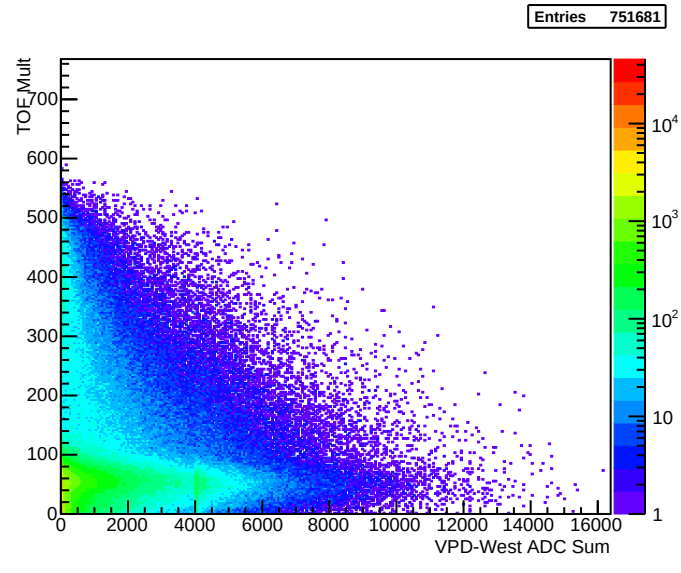

Entries 751681
TOF_Mult
BBC-S-East ADC Sum

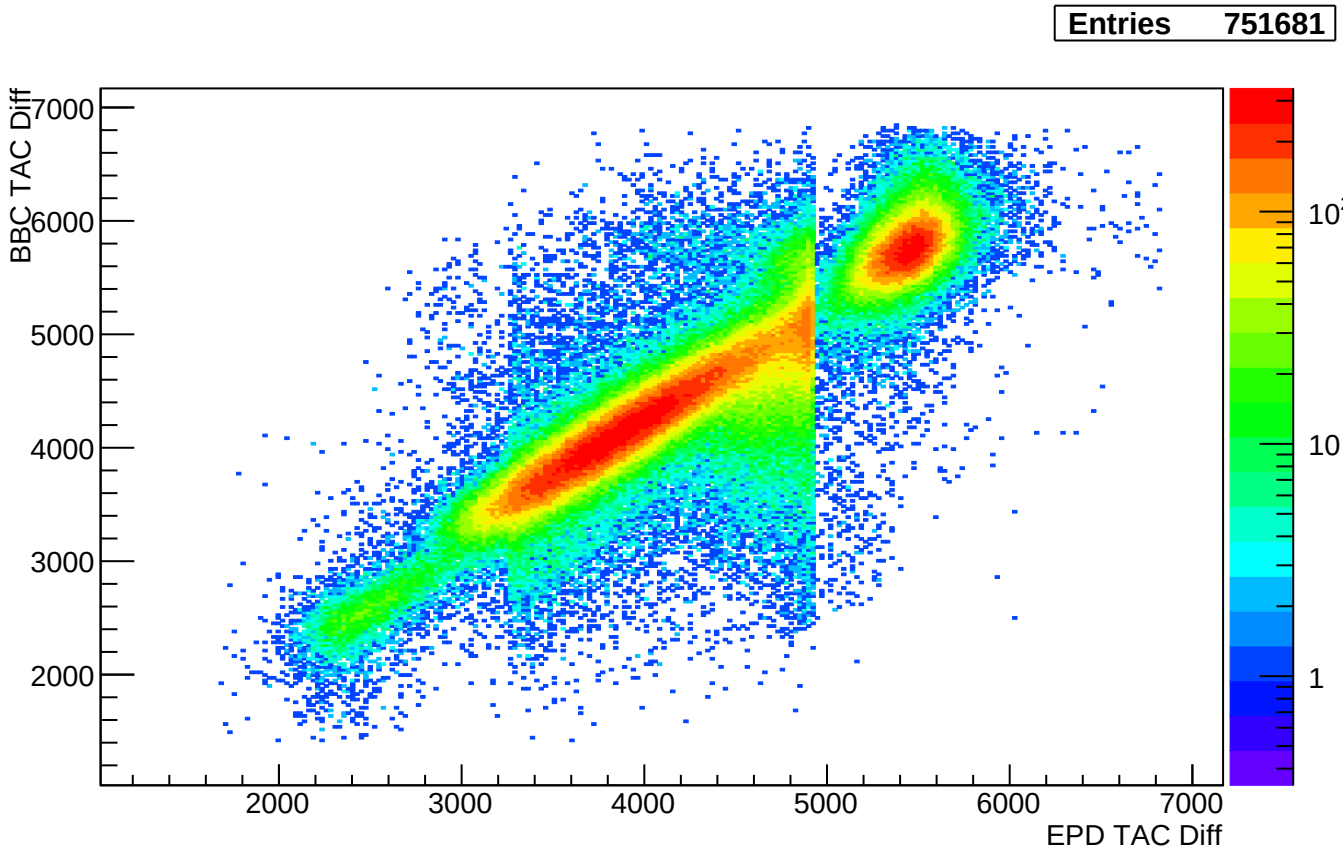

Entries 751681
TOF_Mult
BBC-S-West ADC Sum

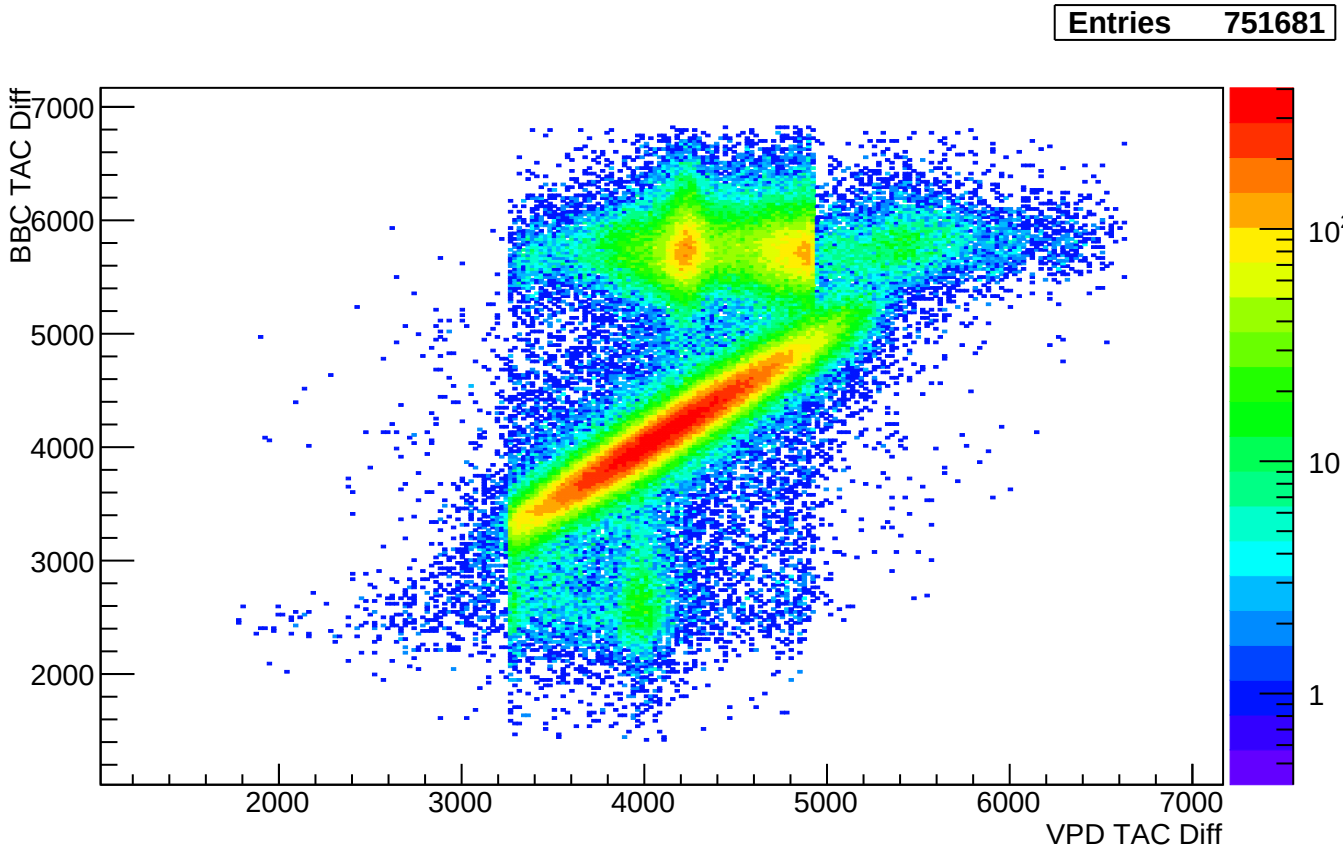

Entries 751681
TOF_Mult
EPD-East Hit Cnt

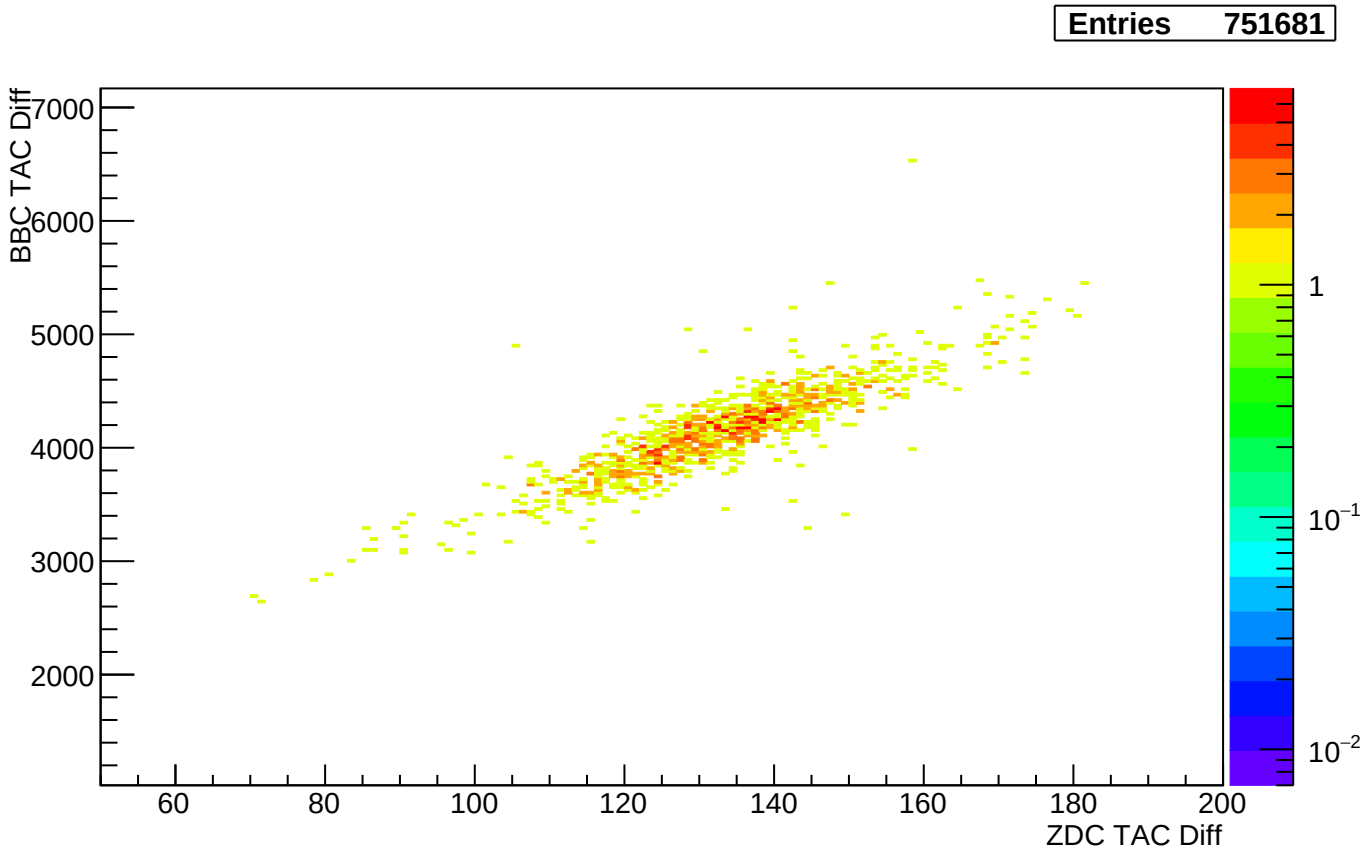

Entries 751681
TOF_Mult
EPD-West Hit Cnt

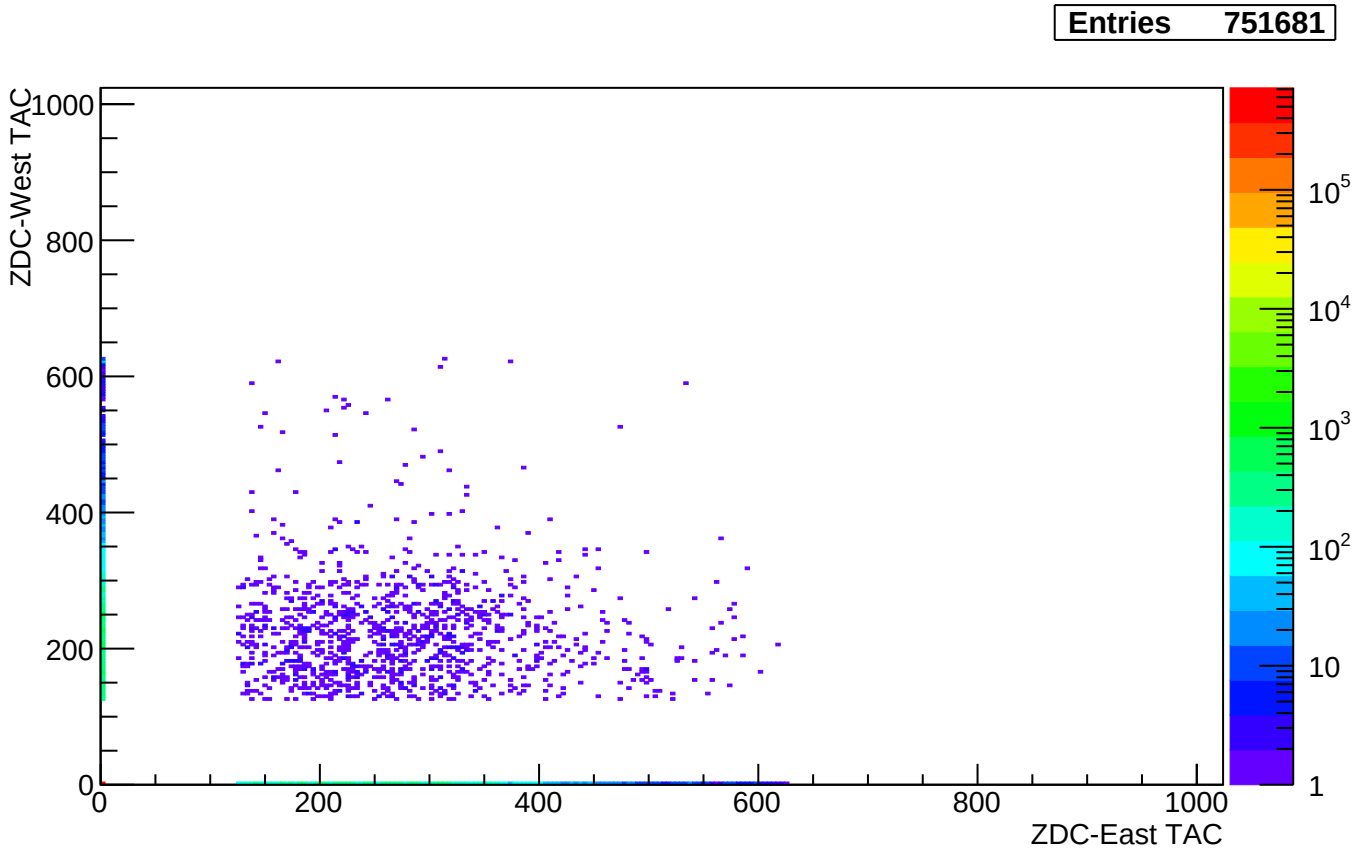

Entries 751681
TOF_Mult
VPD-East ADC Sum

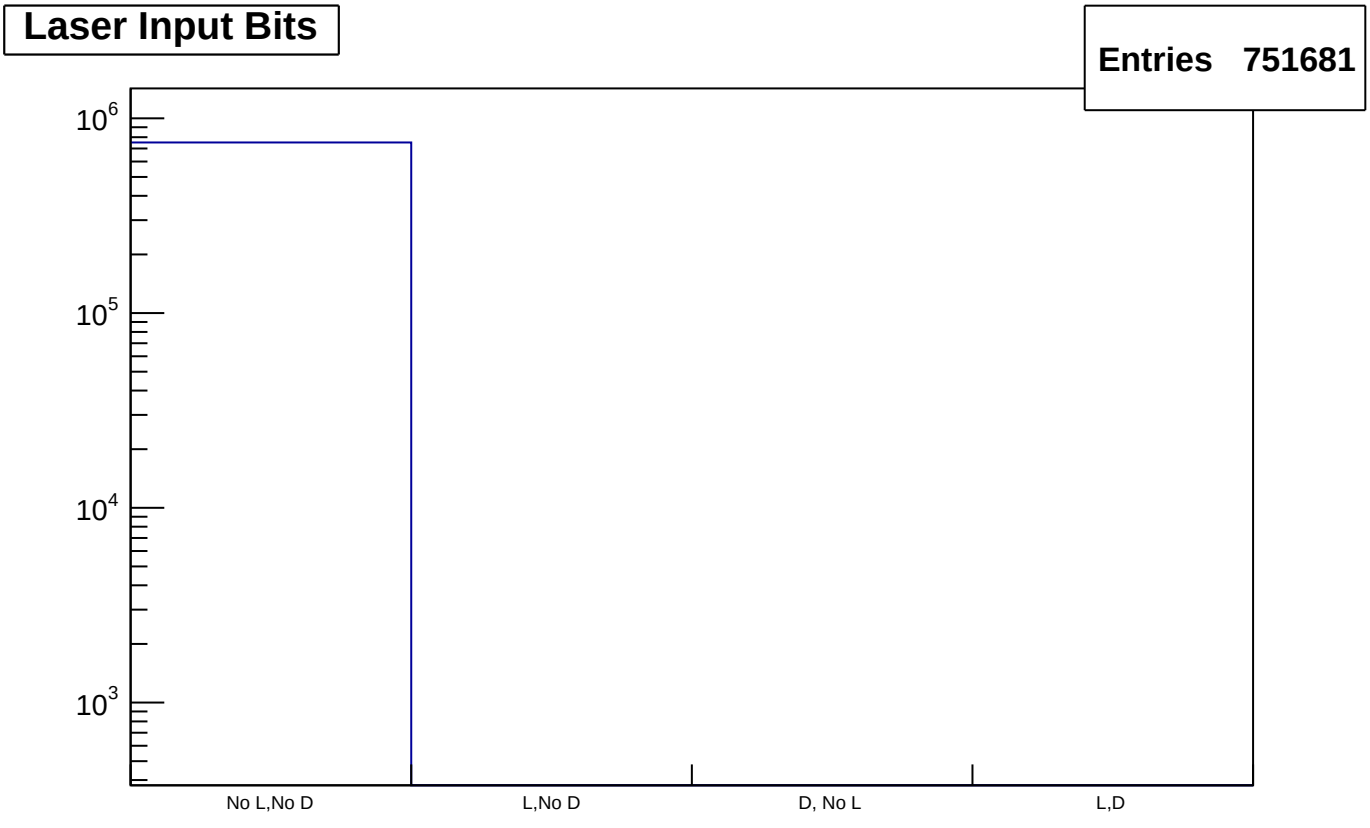

Entries 751681
TOF_Mult
VPD-West ADC Sum

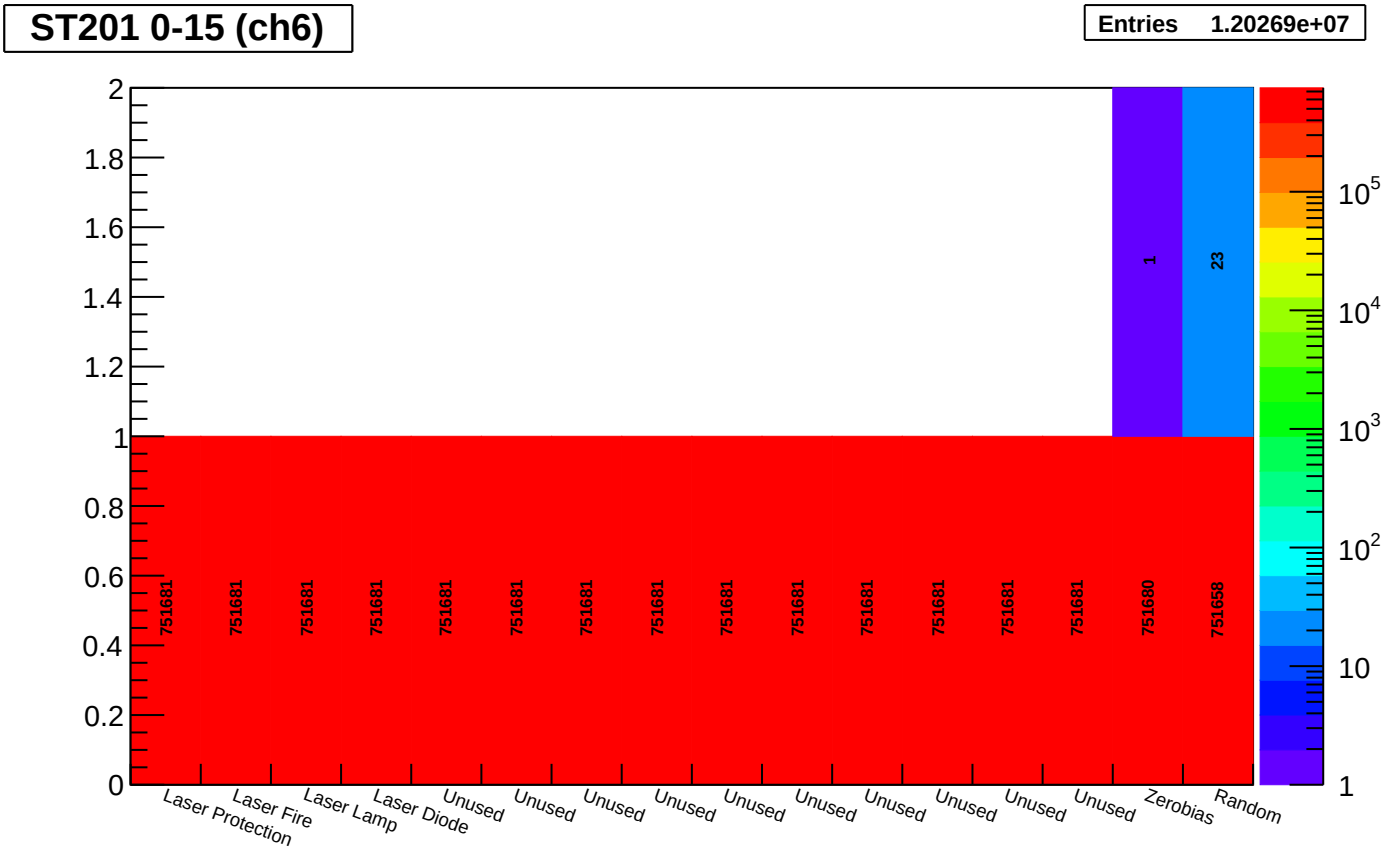

Entries 751681
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

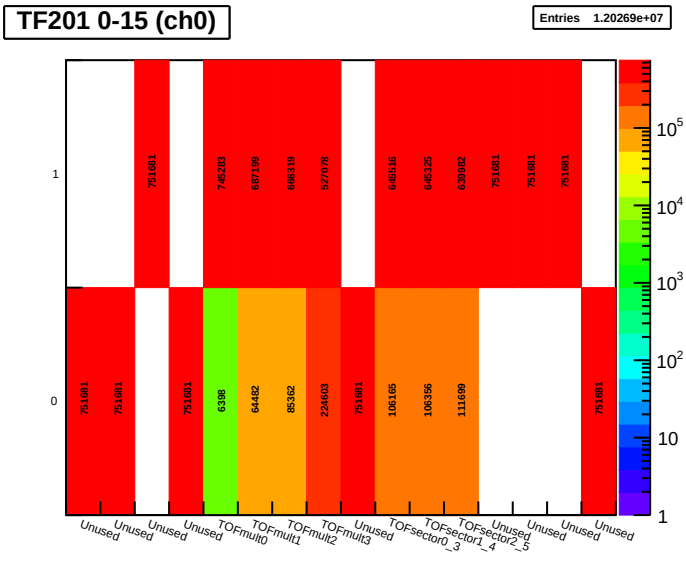

Entries 751681
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

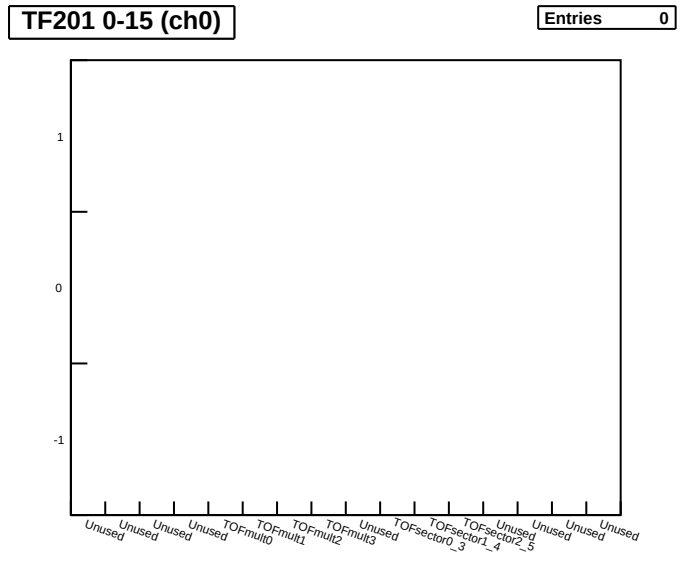

Entries 751681
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

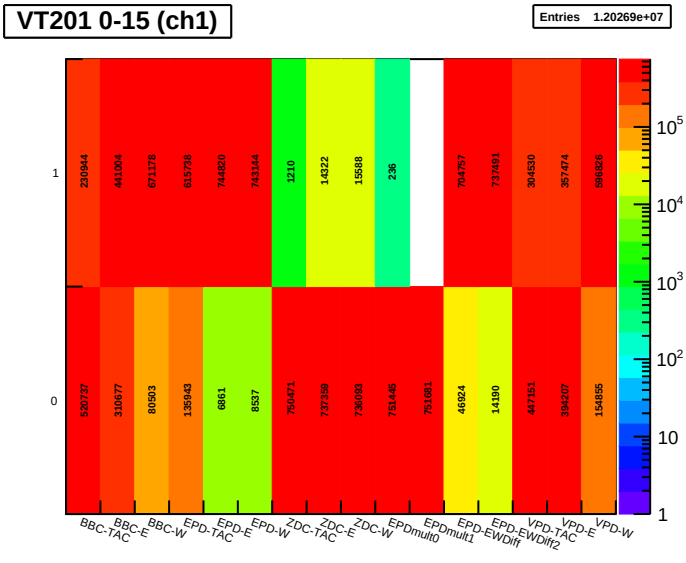

Entries 751681
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

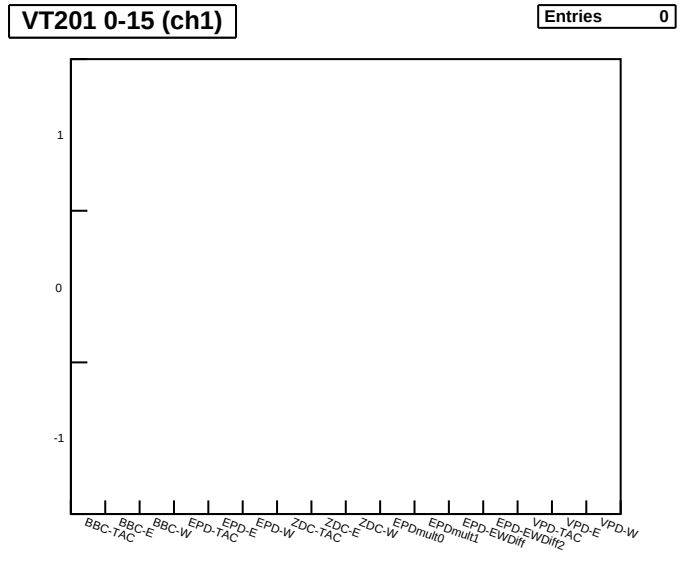

Laser Input Bits
Entries 751681
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

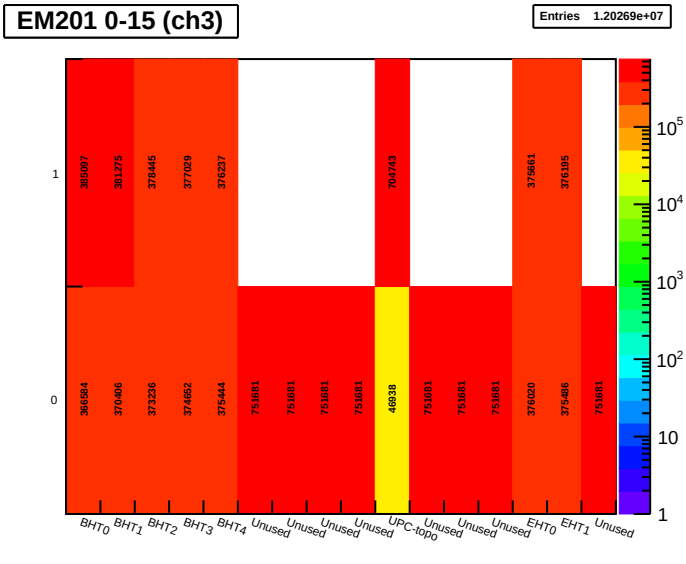

ST201 0-15 (ch6)
Entries 1.20269e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
751681
751681
751681
751681
751681
751681
751681
751681
751681
751681
751681
751681
751681
751681
751680
751658
1
23
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

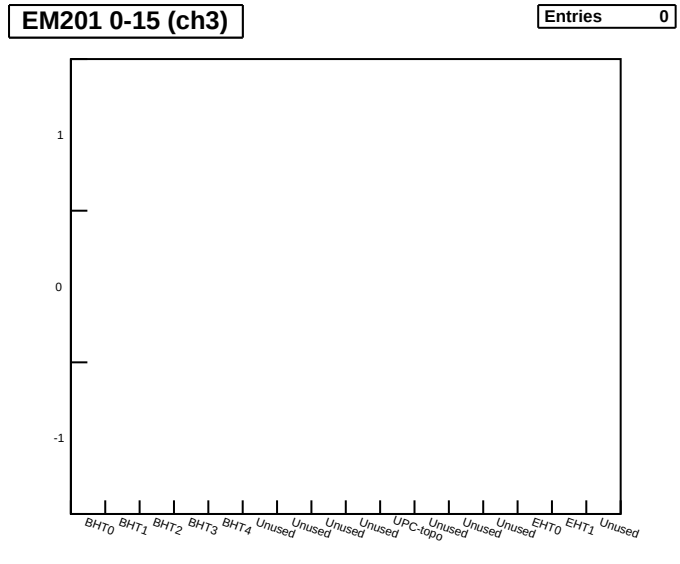

TF201 0-15 (ch0)
Entries 1.20269e+07
751681 746283 687199 666319 527078 645516 645325 639982 751681 751681 751681
751681 751681 751681 6398 64482 85362 224603 751681 106165 106356 111699 751681
1 0
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 1.20269e+07
230944 441004 671178 615738 744820 743144 1210 14322 15568 236 704757 737491 304530 357474 596826
520737 310677 80503 135943 6861 8537 750471 737399 736093 731445 751681 46924 14190 447151 394207 154855
1 0
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 1.20269e+07
385097 381275 378445 377029 376237 704743 375661 376195
366584 370406 373236 374652 375444 751681 751681 751681 751681 46938 751681 751681 751681 376020 375486 751681
1 0
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