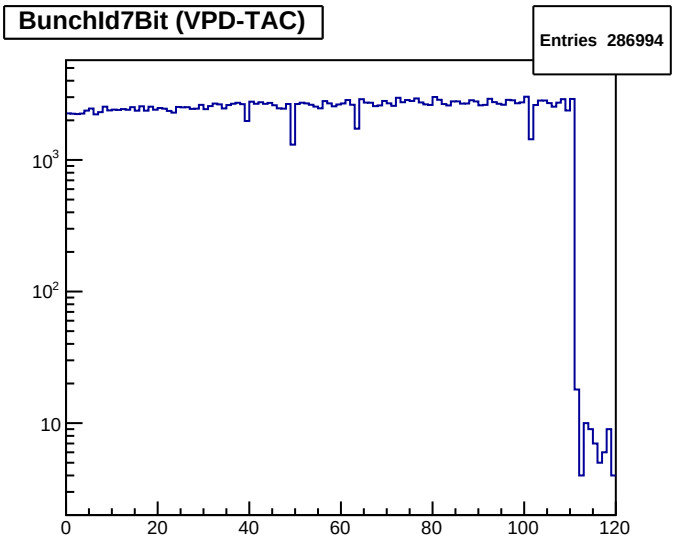
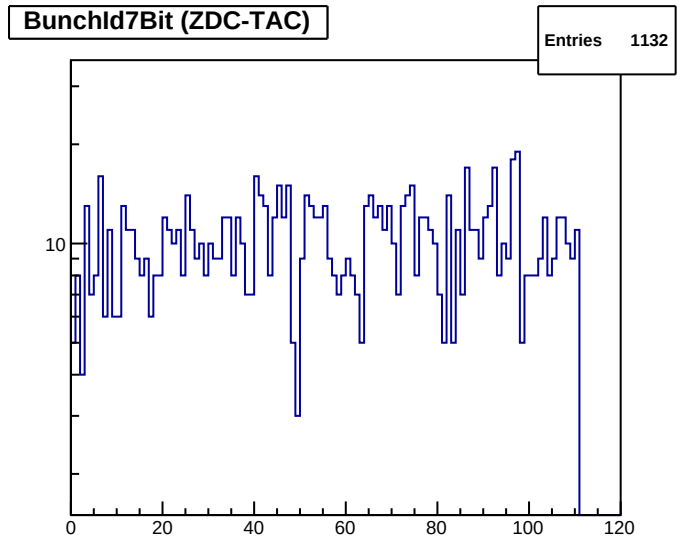
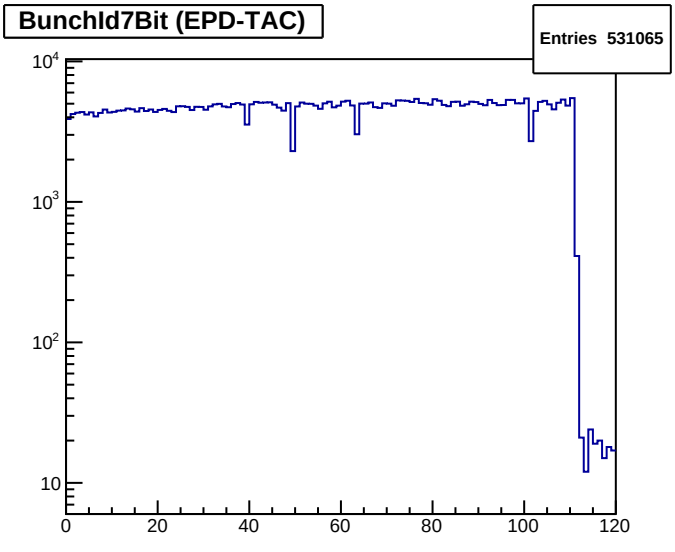
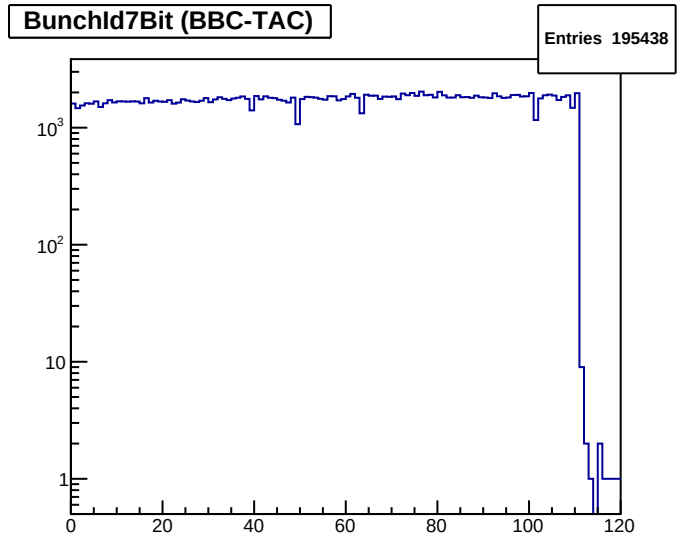
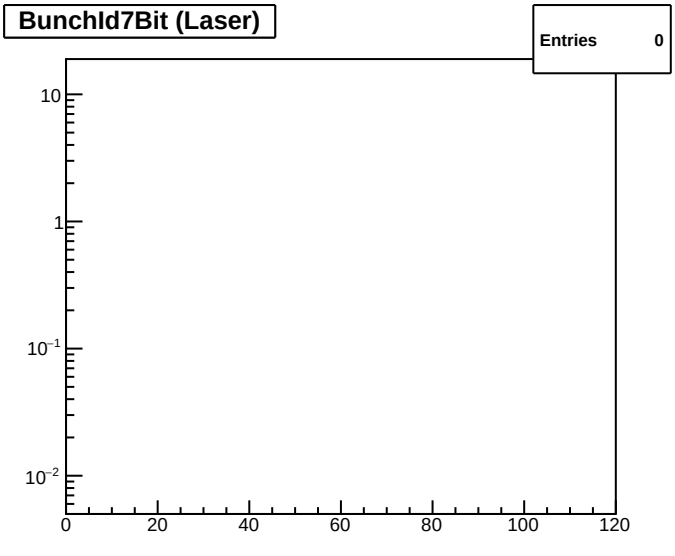
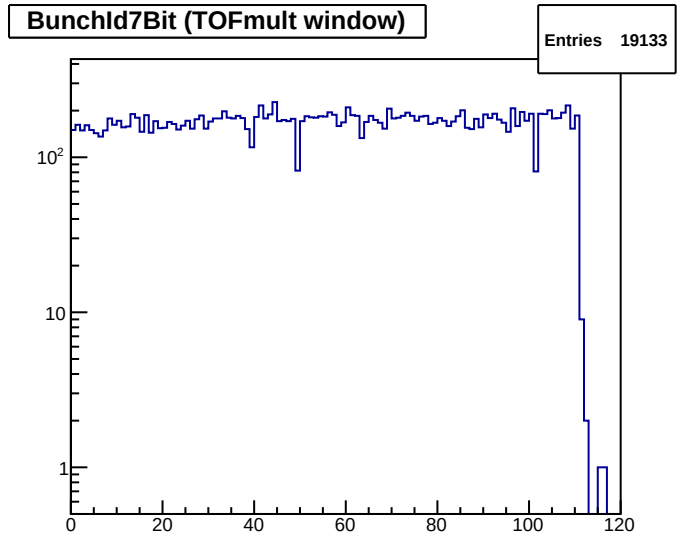

BunchId7Bit (VPD-TAC)
Entries 286994

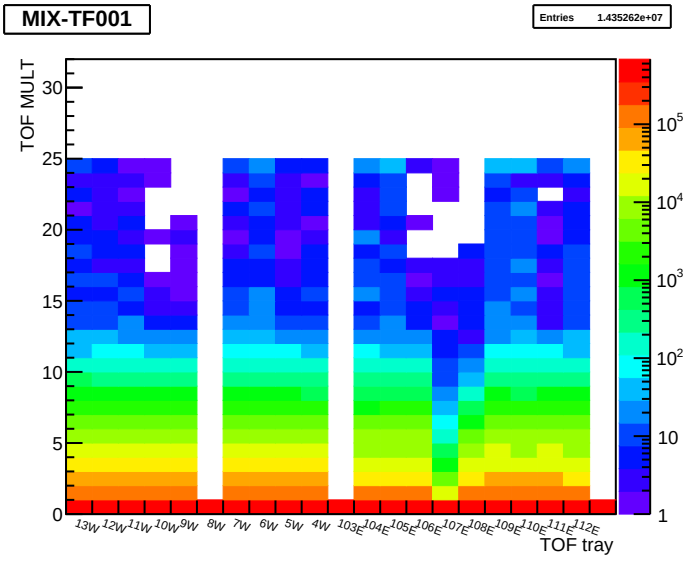

BunchId7Bit (ZDC-TAC)
Entries 1132

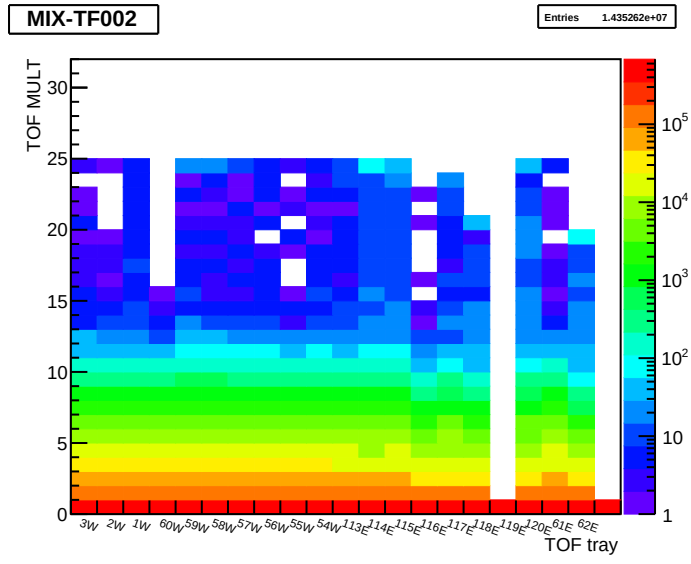

BunchId7Bit (EPD-TAC)
Entries 531065

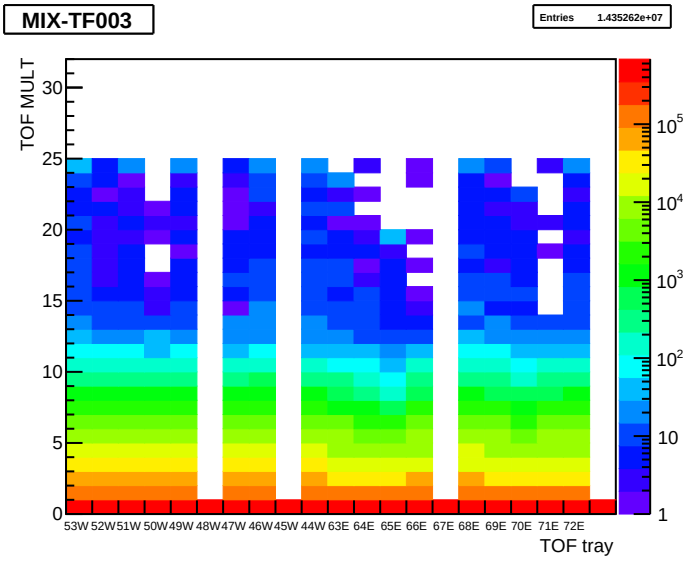

BunchId7Bit (BBC-TAC)
Entries 195438

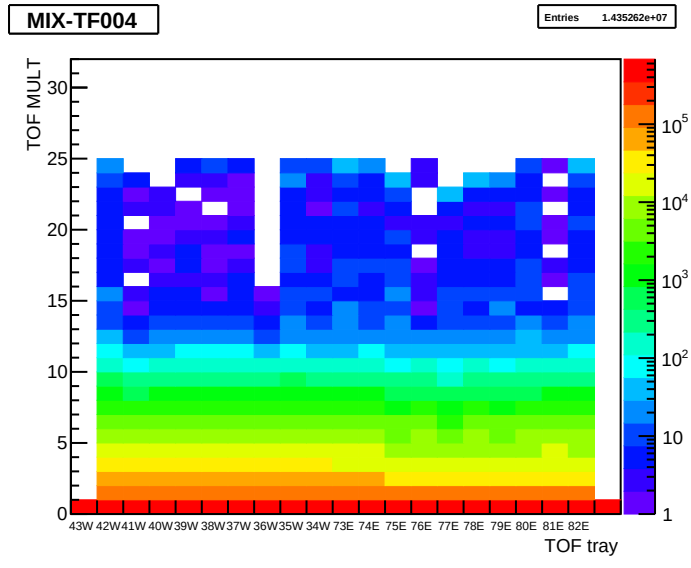

BunchId7Bit (Laser)
Entries 0

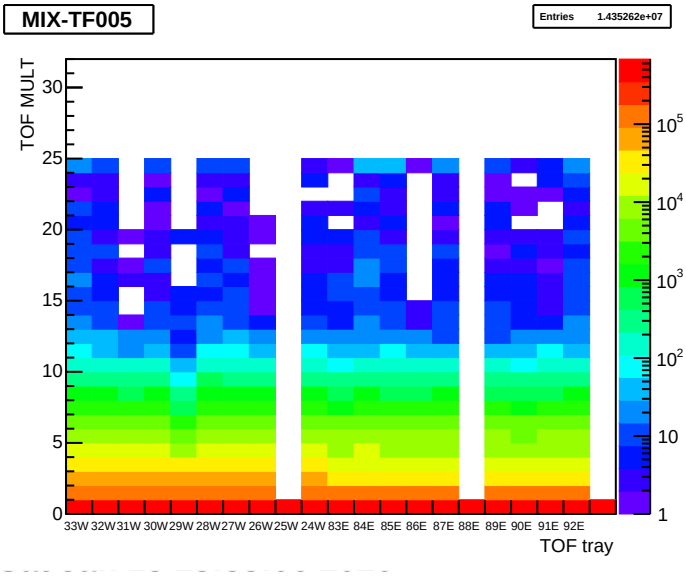

BunchId7Bit (TOFmult window)
Entries 19133

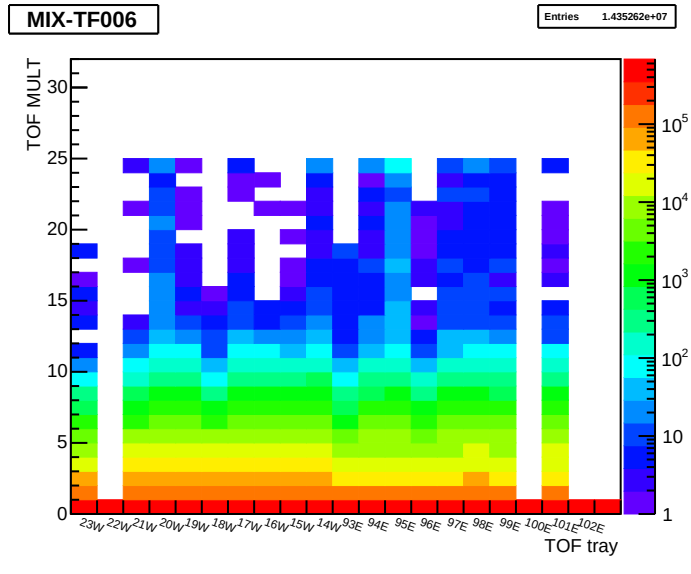

MIX-TF001
Entries 1.435262e+07
TOF MULT
TOF tray

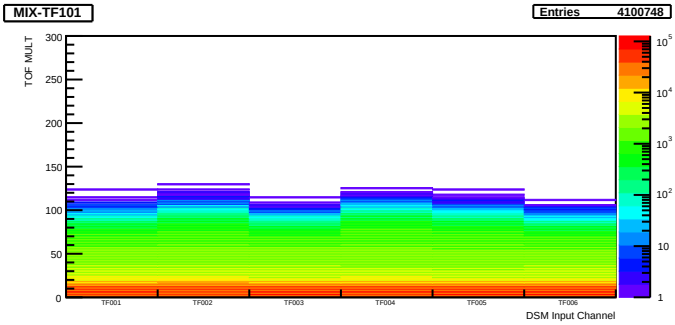

MIX-TF002
Entries 1.435262e+07
TOF MULT
TOF tray

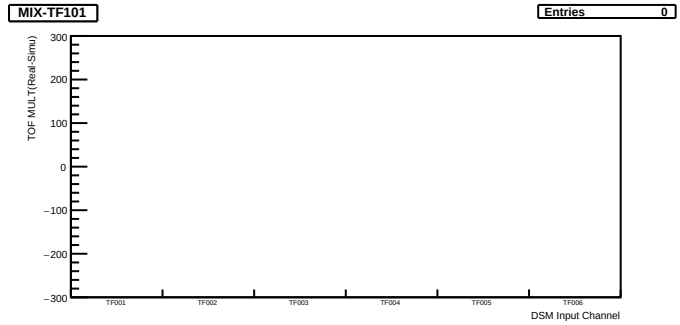

MIX-TF003
Entries 1.435262e+07
TOF MULT
TOF tray

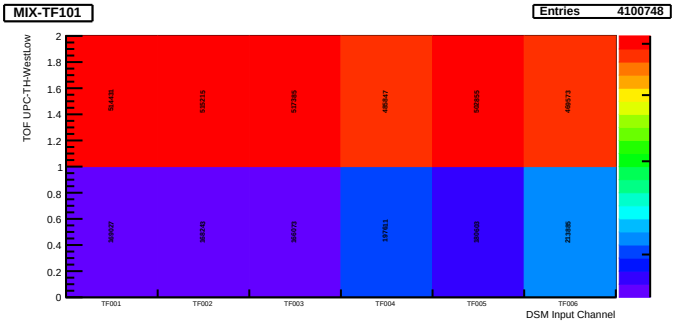

MIX-TF004
Entries 1.435262e+07
TOF MULT
TOF tray

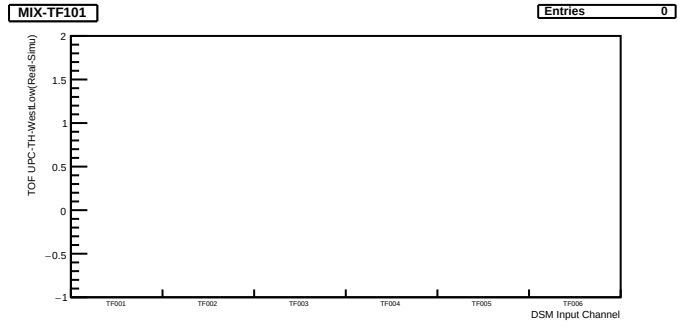

MIX-TF005
Entries 1.435262e+07
TOF MULT
TOF tray

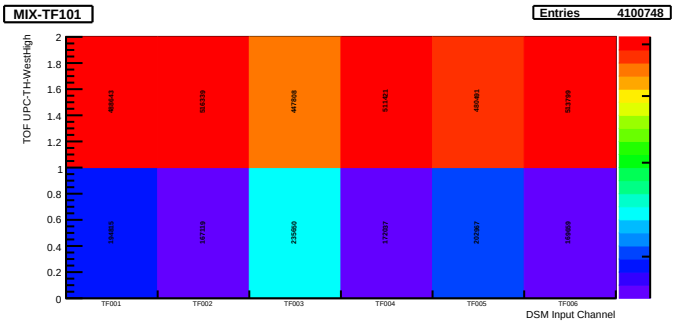

MIX-TF006
Entries 1.435262e+07
TOF MULT
TOF tray

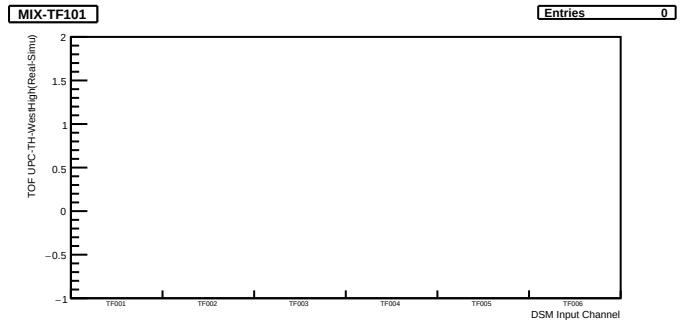

MIX-TF101
Entries 4100748
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

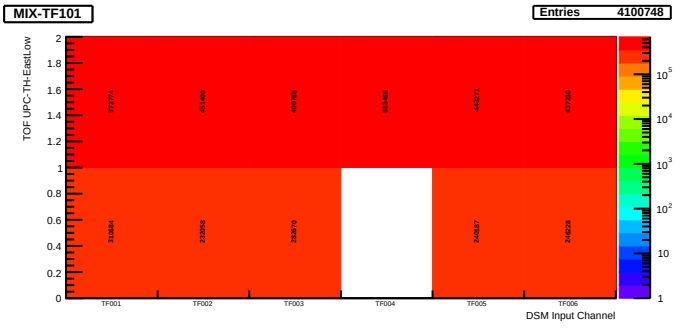

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

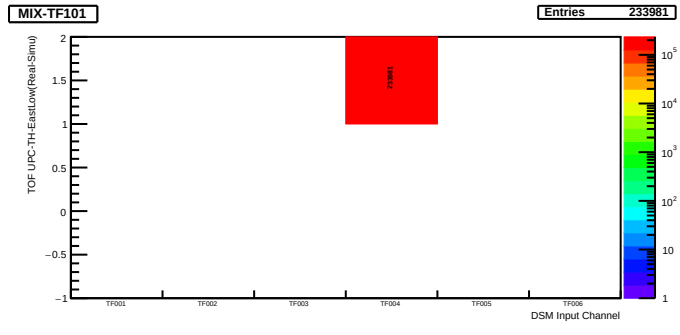

MIX-TF101
Entries 4100748
TOF UPC-TH-WestLow
514438
538215
537385
488647
508255
499573
303027
302420
350073
197811
350063
213885
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

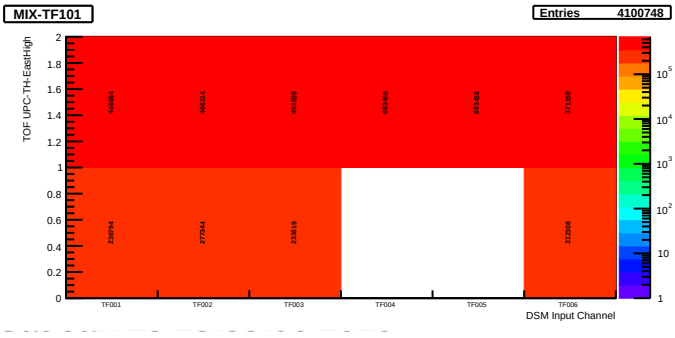

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

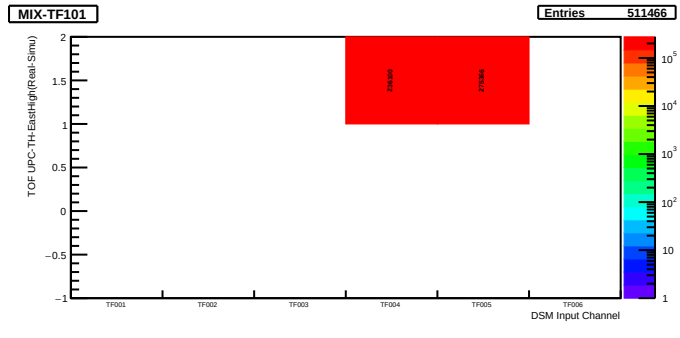

MIX-TF101
Entries 4100748
TOF UPC-TH-WestHigh
489543
516339
447508
511421
489481
513799
334663
167319
239660
172937
203987
159659
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

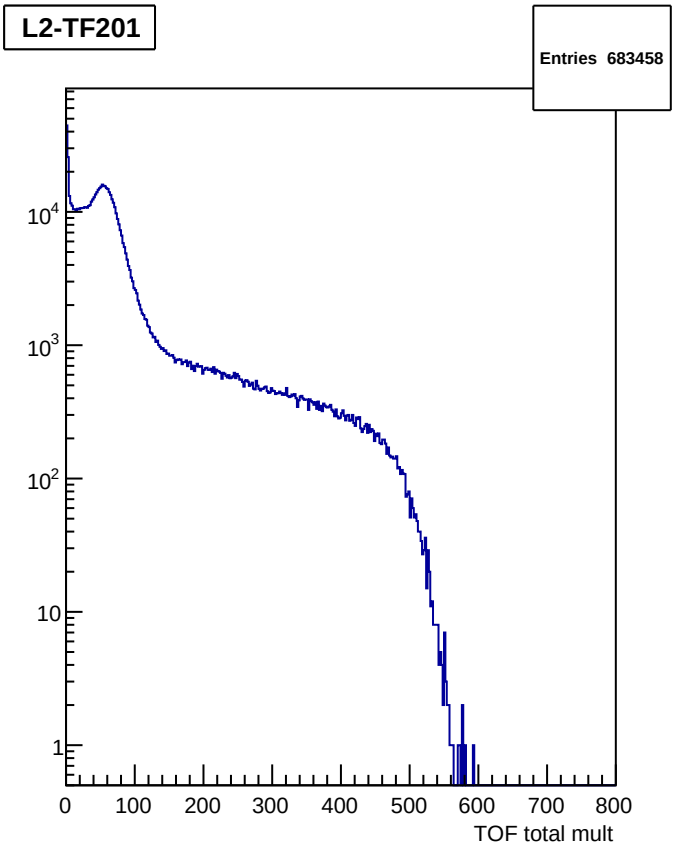

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

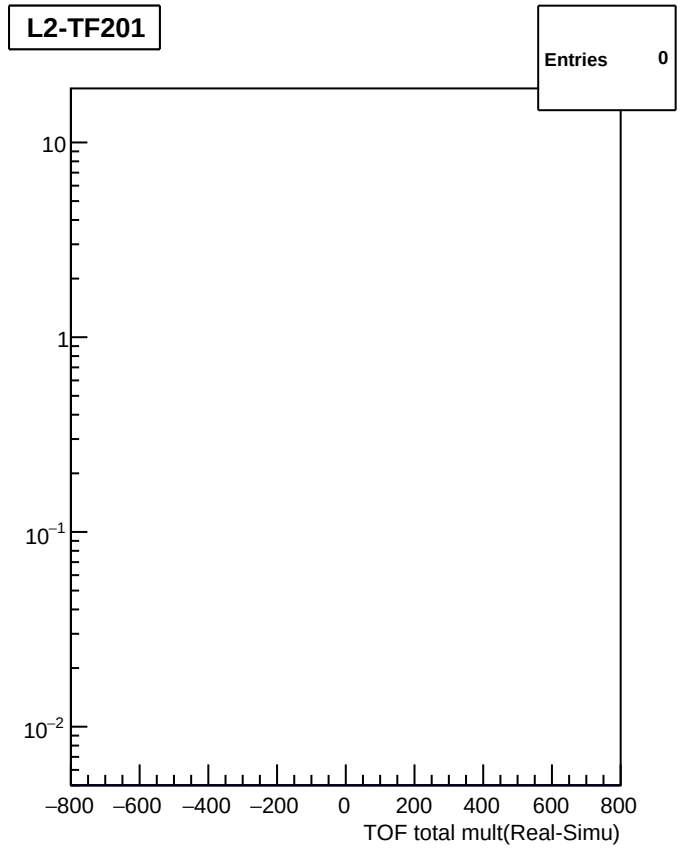

MIX-TF101
Entries 4100748
TOF UPC-TH-EastLow
372774
451400
400788
683458
442271
437200
310684
233958
328870
240187
244028
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

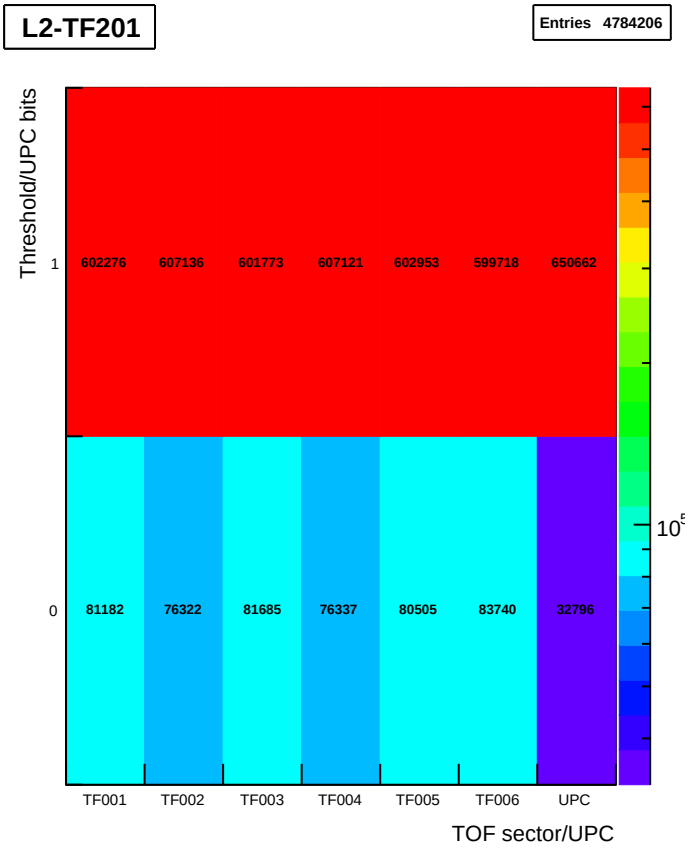

MIX-TF101
Entries 233981
TOF UPC-TH-EastLow(Real-Simu)
233981
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

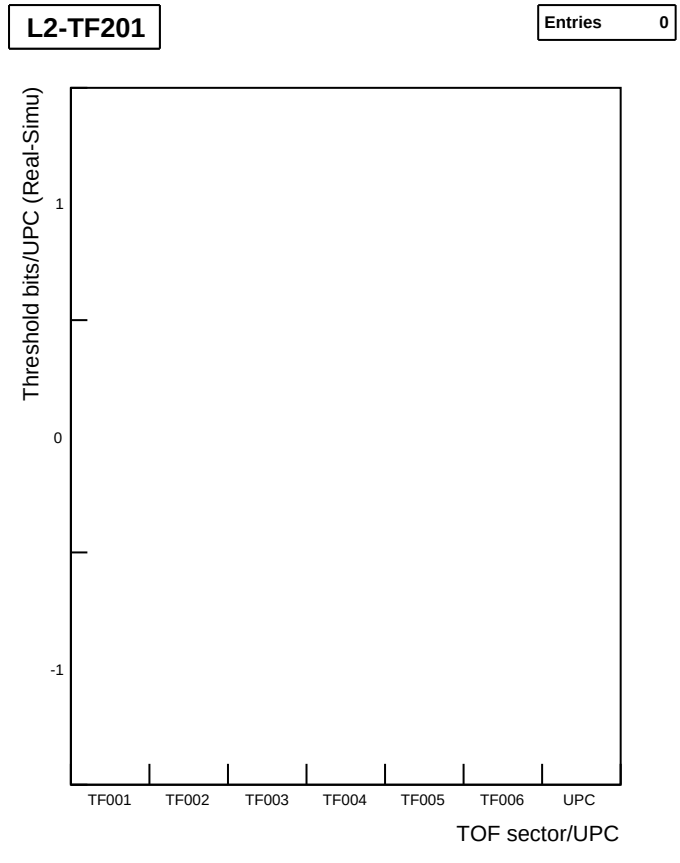

MIX-TF101
Entries 4100748
TOF UPC-TH-EastHigh
446864
406314
453389
683458
683458
371350
230794
277544
233519
312508
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

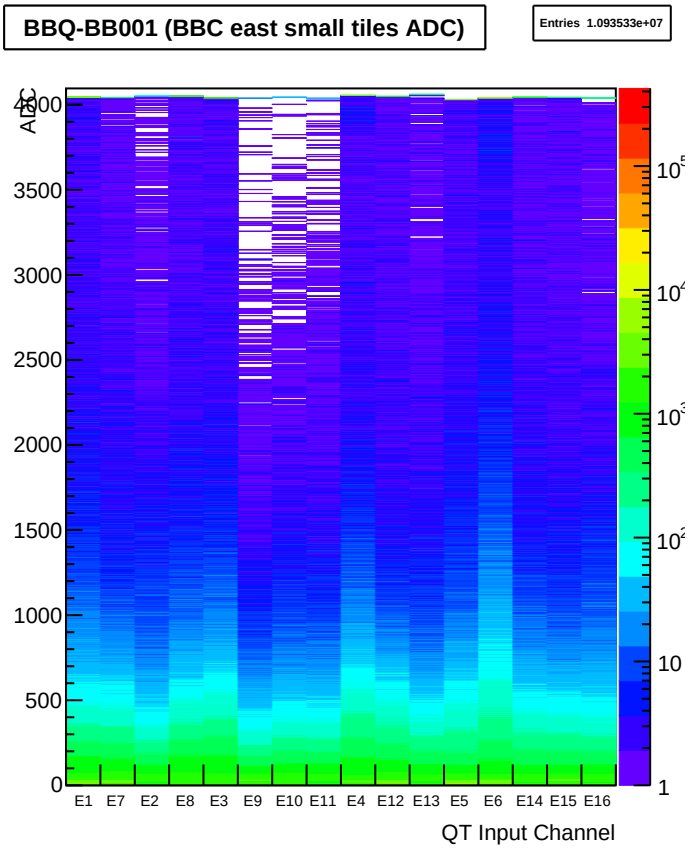

MIX-TF101
Entries 511466
TOF UPC-TH-EastHigh(Real-Simu)
236100
275366
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

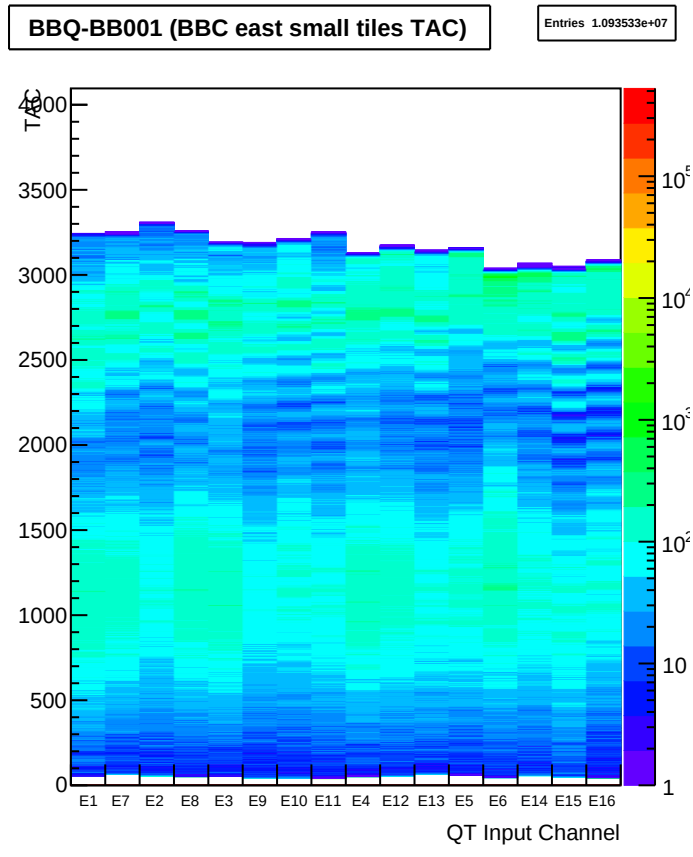

L2-TF201
Entries 683458
TOF total mult

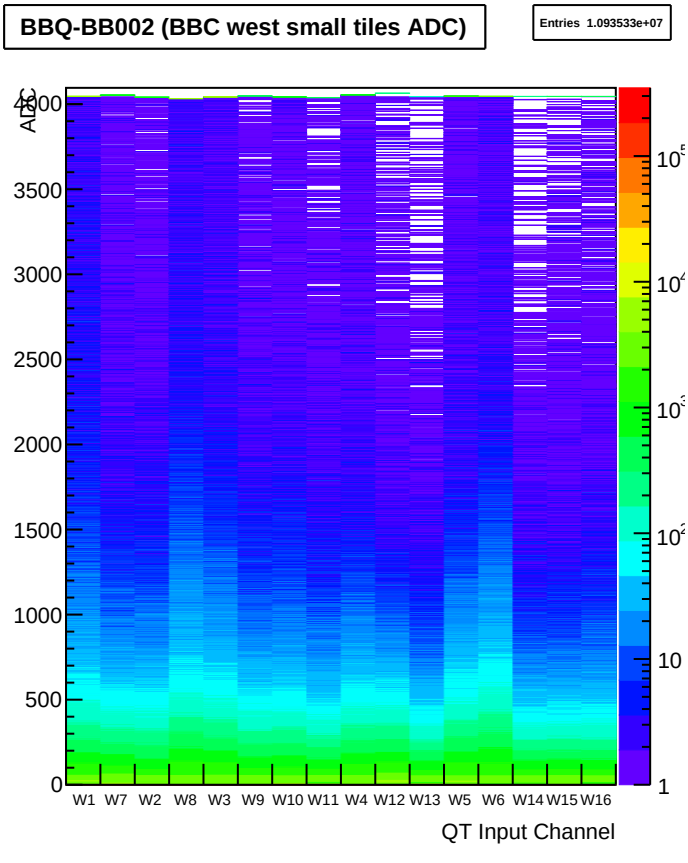

L2-TF201
Entries 0
TOF total mult(Real-Simu)

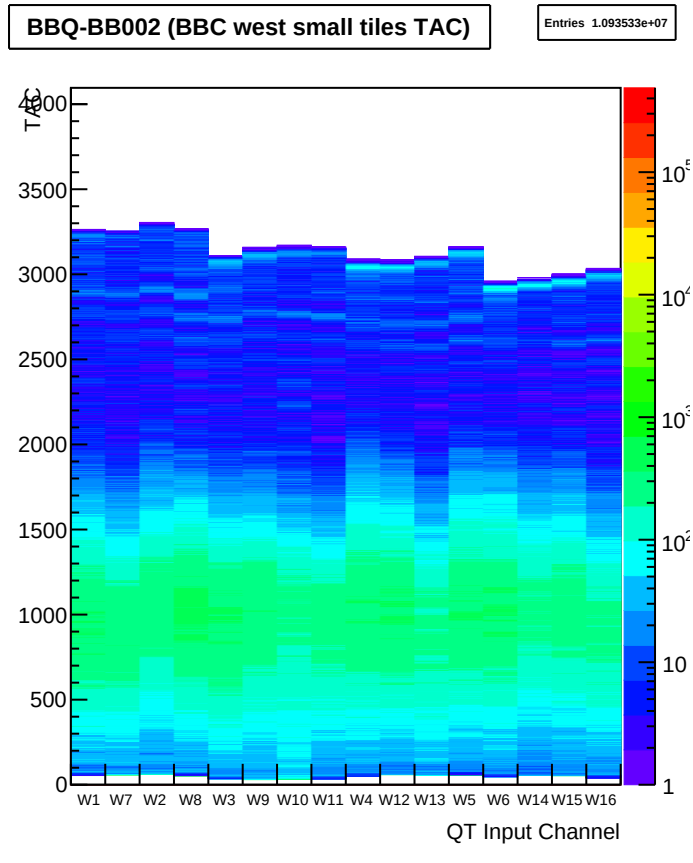

L2-TF201
Entries 4784206
Threshold/UPC bits
602276
607136
601773
607121
602953
599718
650662
81182
76322
81685
76337
80505
83740
32796
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

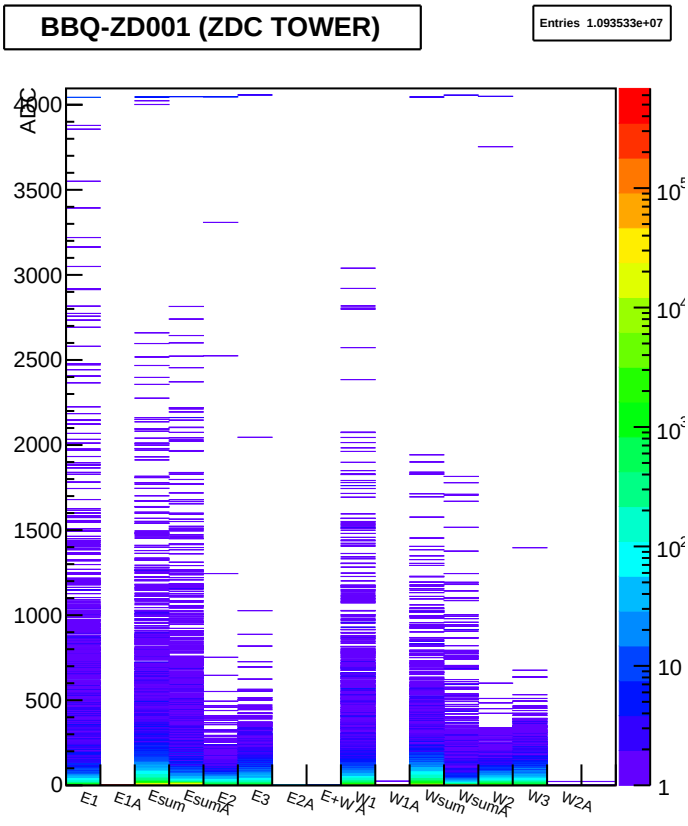

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

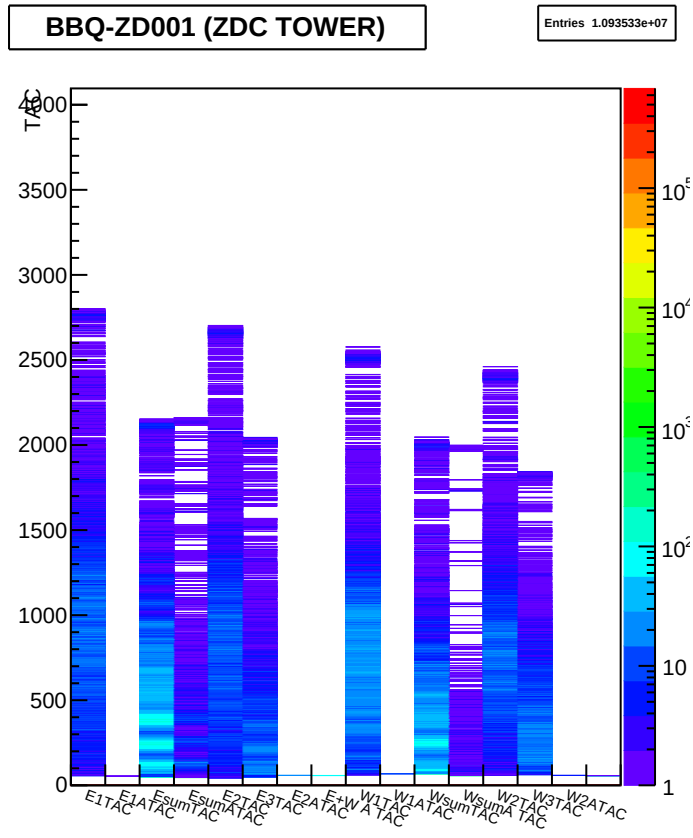

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.093533e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

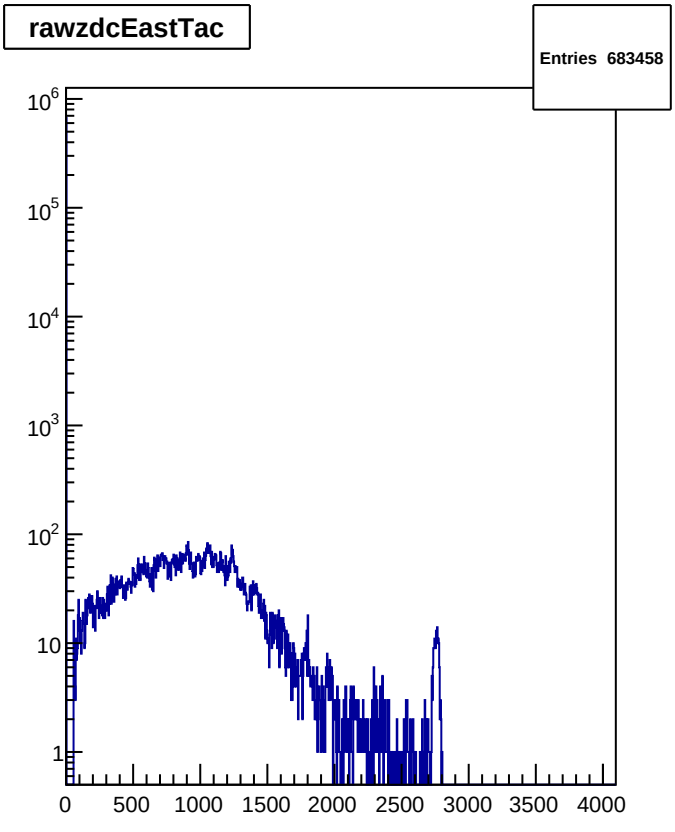

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.093533e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

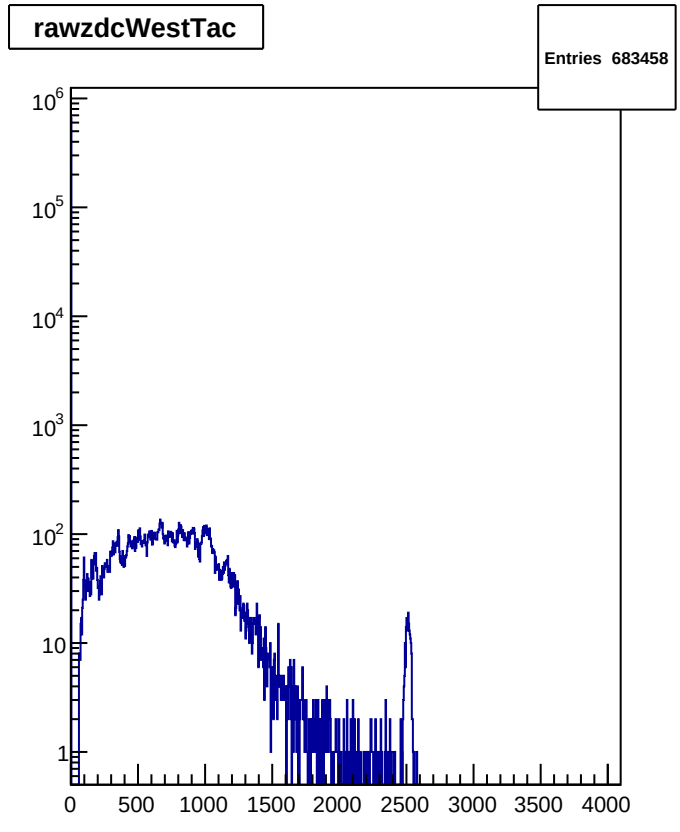

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.093533e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

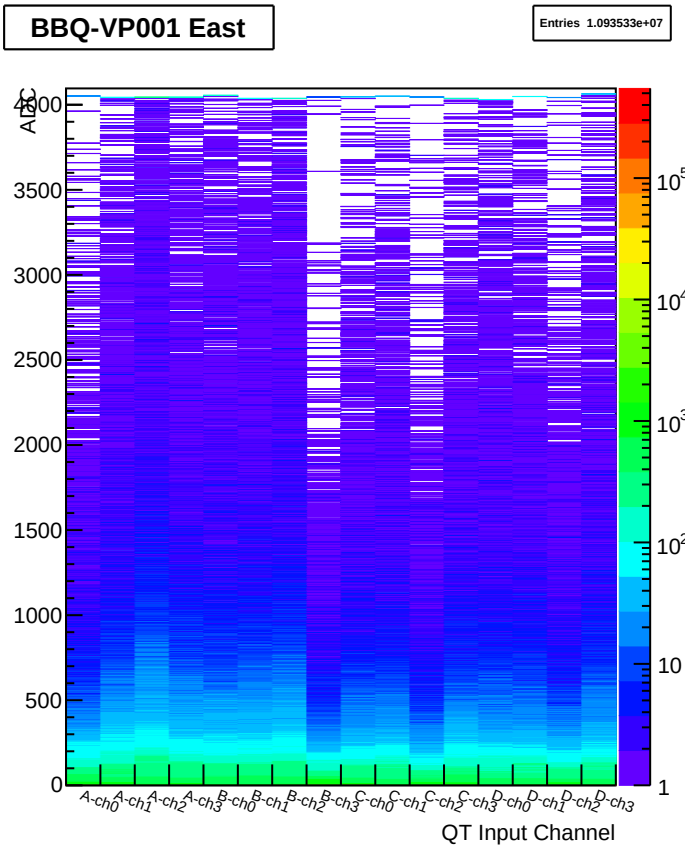

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.093533e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

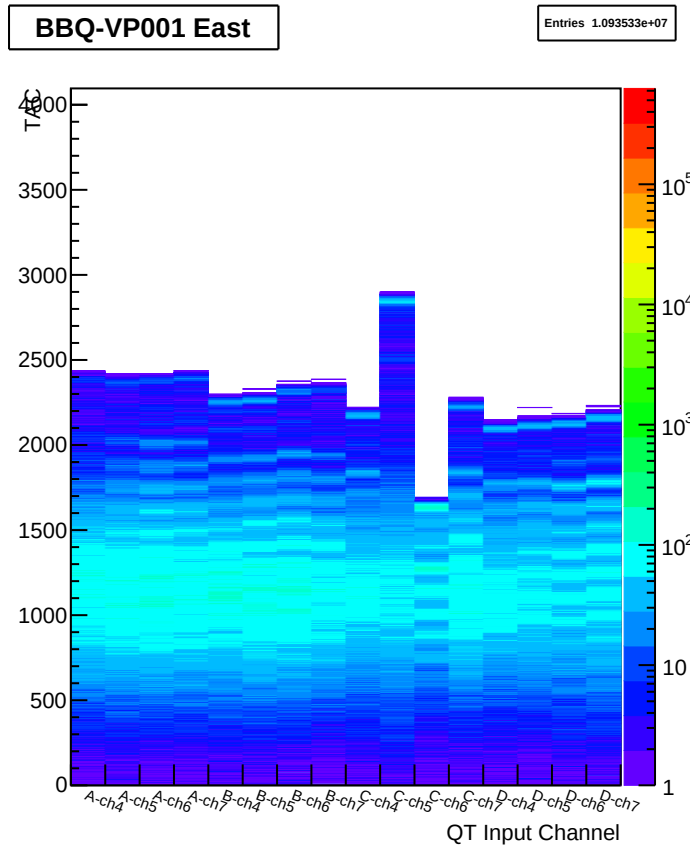

BBQ-ZD001 (ZDC TOWER)
Entries 1.093533e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

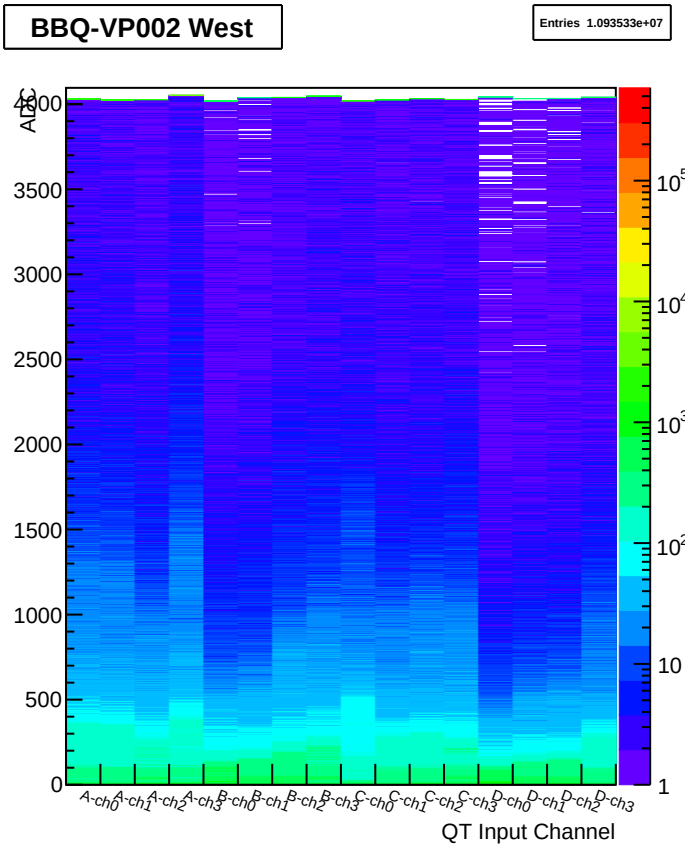

BBQ-ZD001 (ZDC TOWER)
Entries 1.093533e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

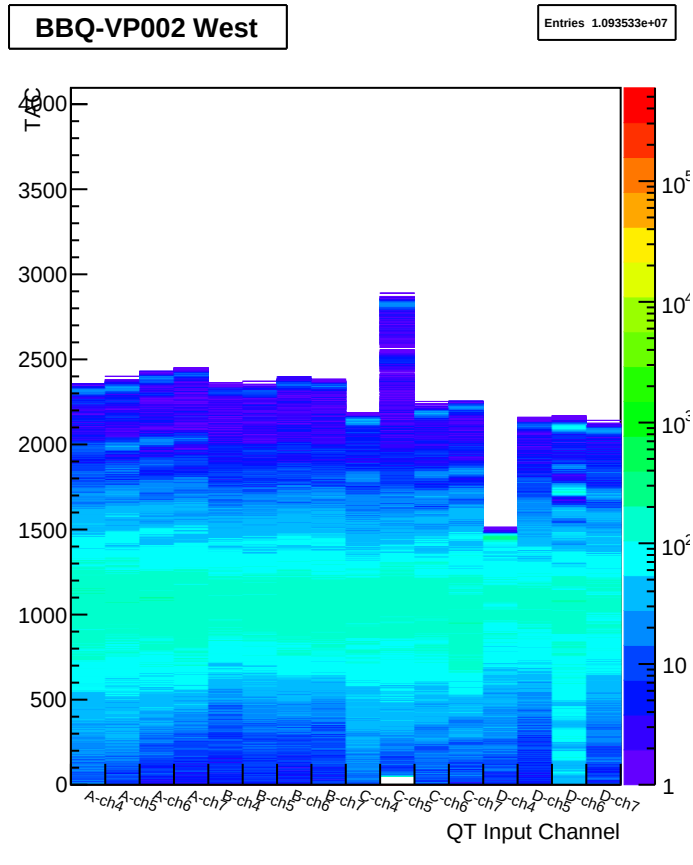

rawzdcEastTac
Entries 683458

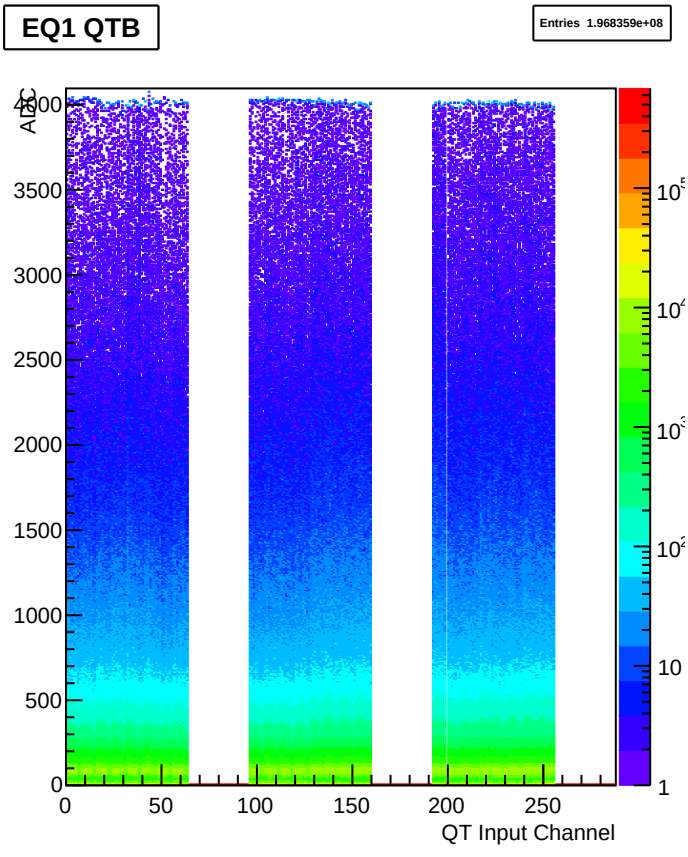

rawzdcWestTac
Entries 683458

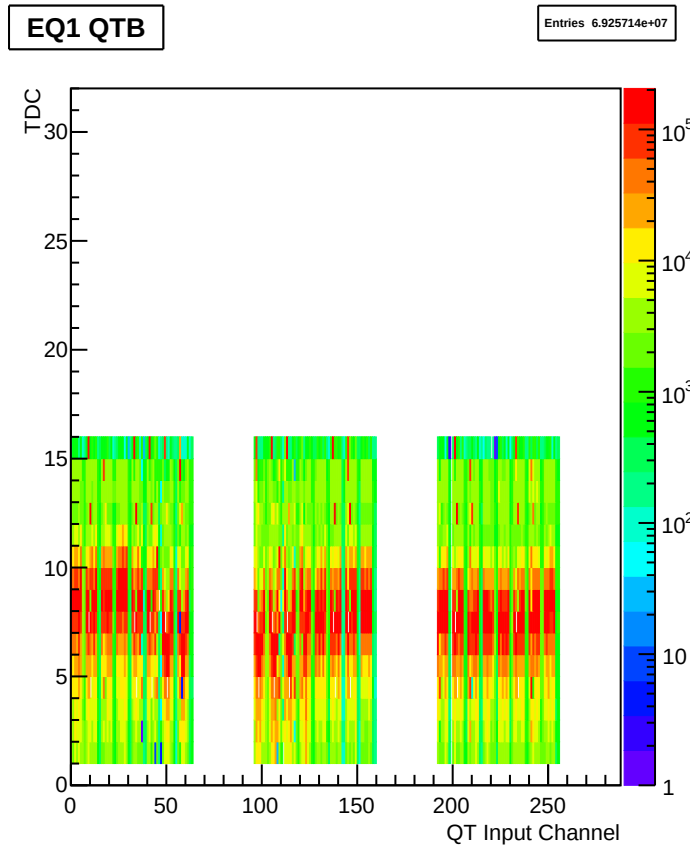

BBQ-VP001 East
Entries 1.093533e+07
ADC
QT Input Channel

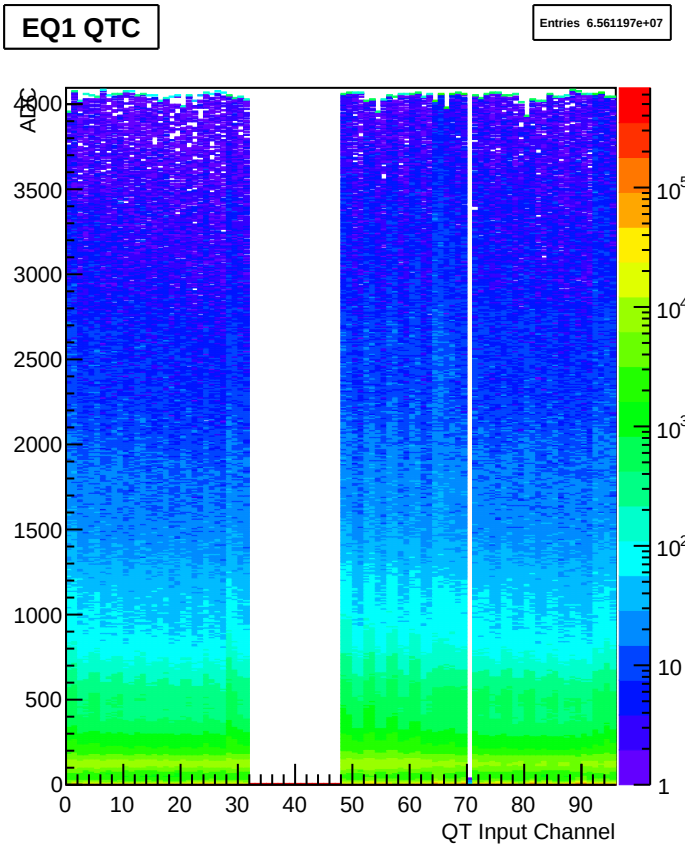

BBQ-VP001 East
Entries 1.093533e+07
TADC
QT Input Channel

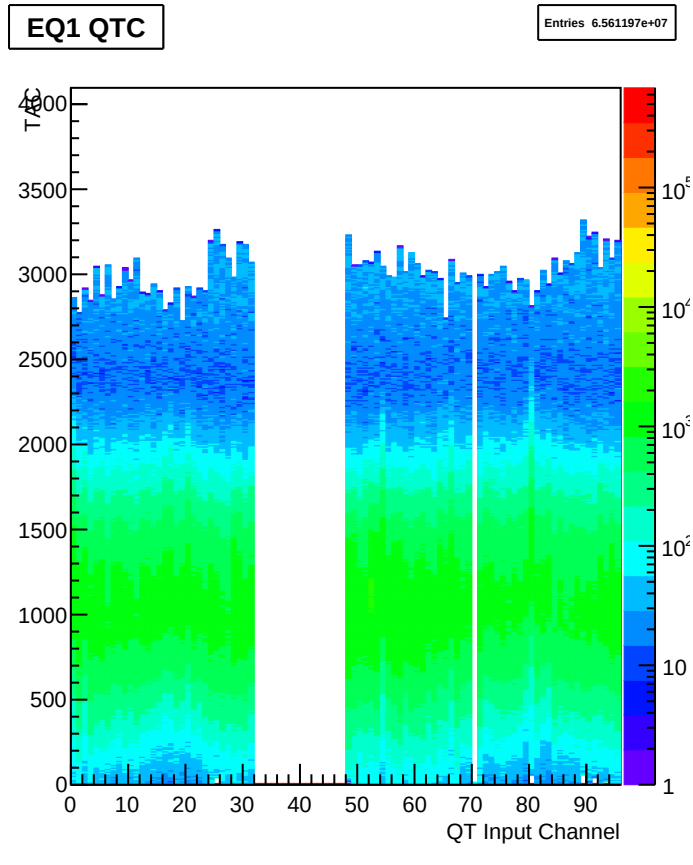

BBQ-VP002 West
Entries 1.093533e+07
ADC
QT Input Channel

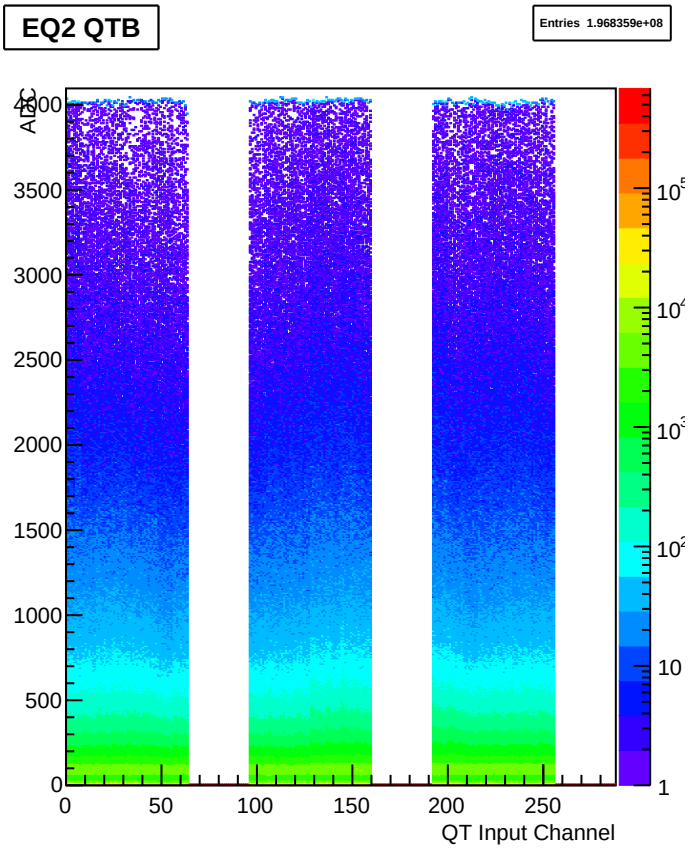

BBQ-VP002 West
Entries 1.093533e+07
TADC
QT Input Channel

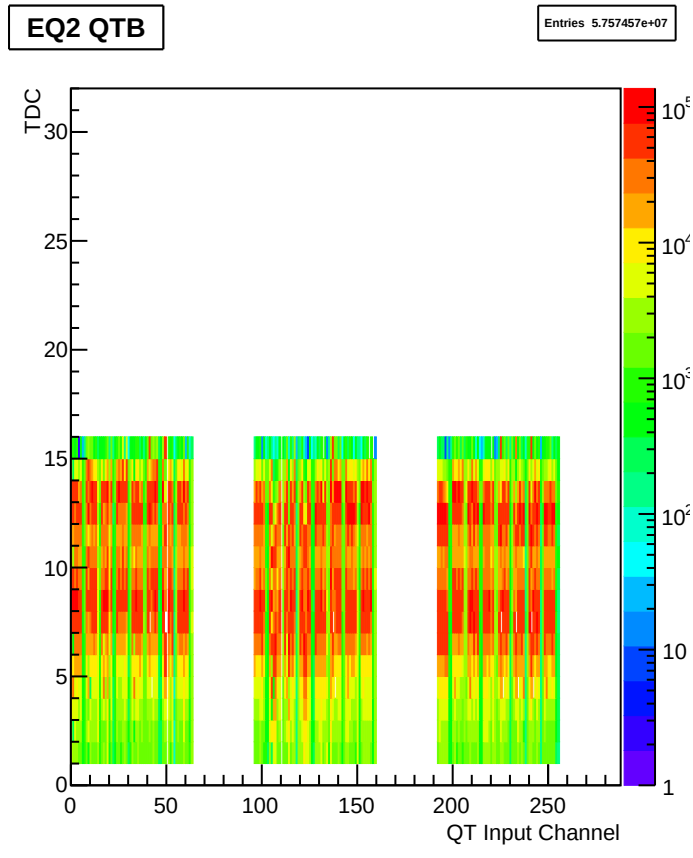

EQ1 QTB
Entries 1.968359e+08
ADC
QT Input Channel

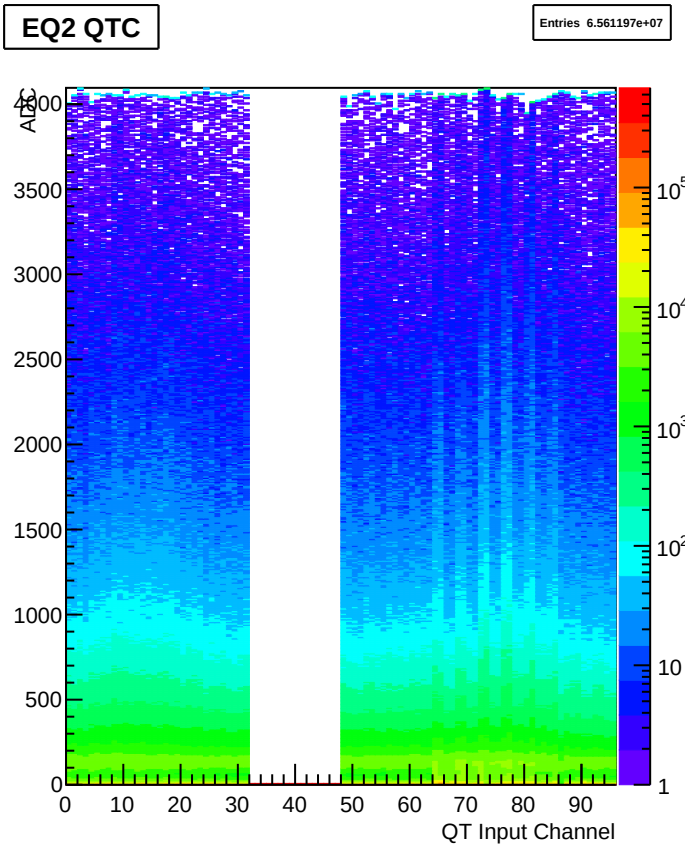

EQ1 QTB
Entries 6.925714e+07
TDC
QT Input Channel

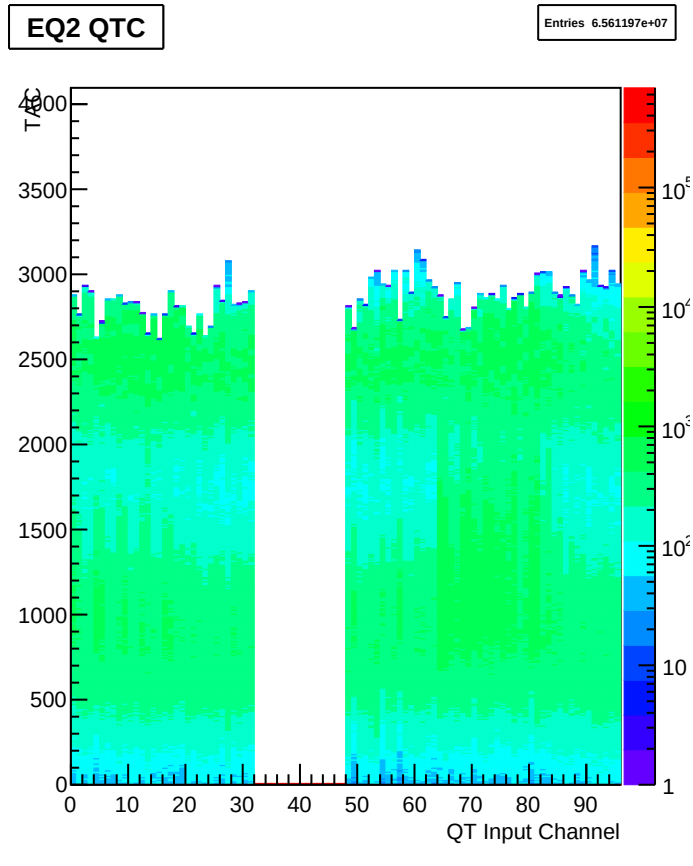

EQ1 QTC
Entries 6.561197e+07
ADC
QT Input Channel

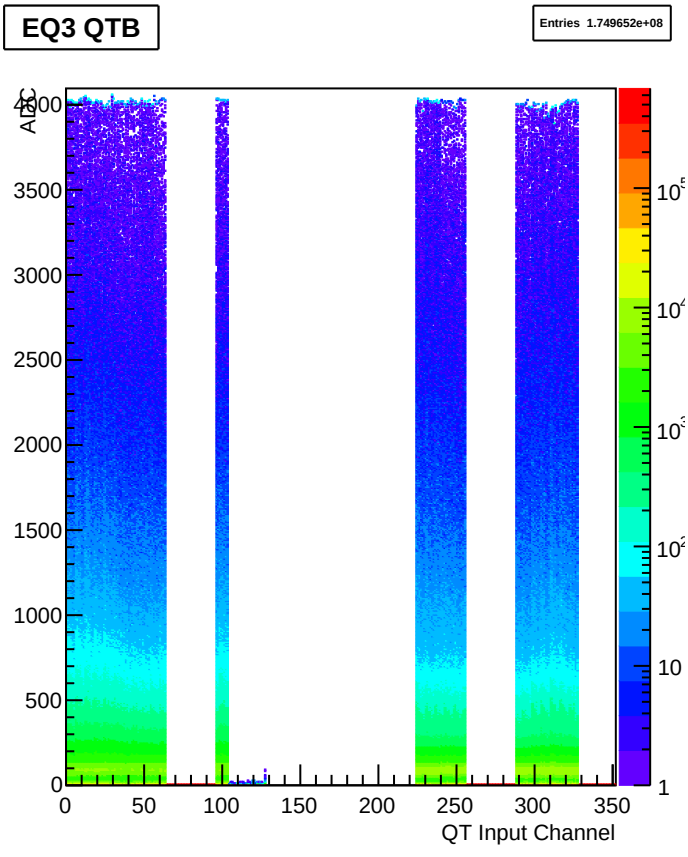

EQ1 QTC
Entries 6.561197e+07
TADC
QT Input Channel

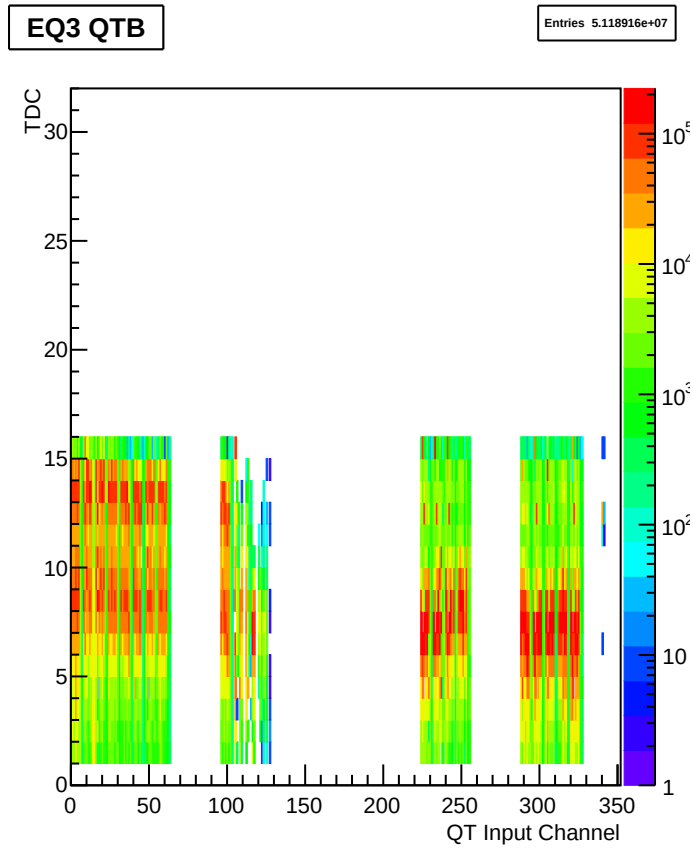

EQ2 QTB
Entries 1.968359e+08
ADC
QT Input Channel

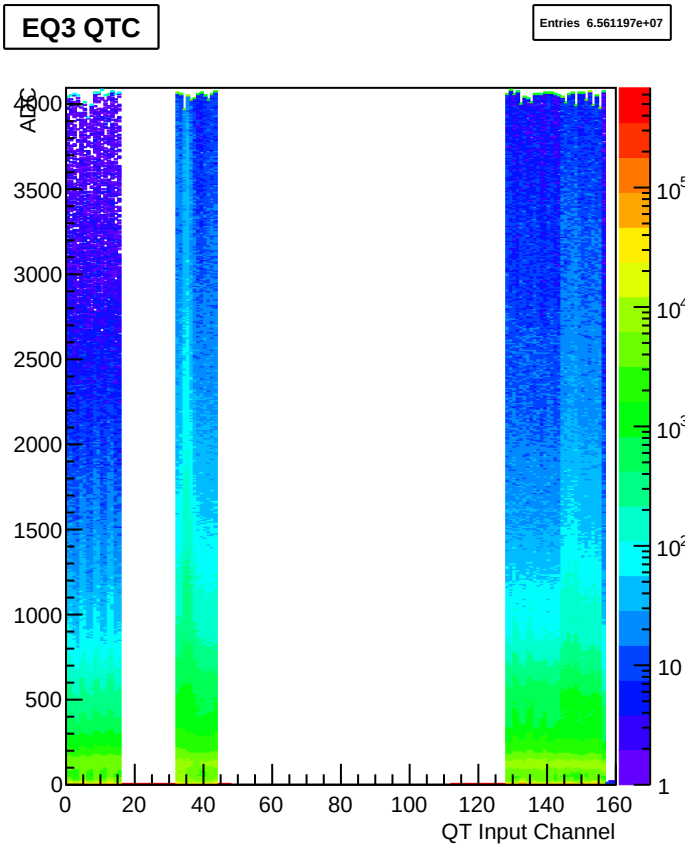

EQ2 QTB
Entries 5.757457e+07
TDC
QT Input Channel


EQ2 QTC
Entries 6.561197e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.561197e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.749652e+08
ADC
QT Input Channel


EQ3 QTB
Entries 5.118916e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.561197e+07
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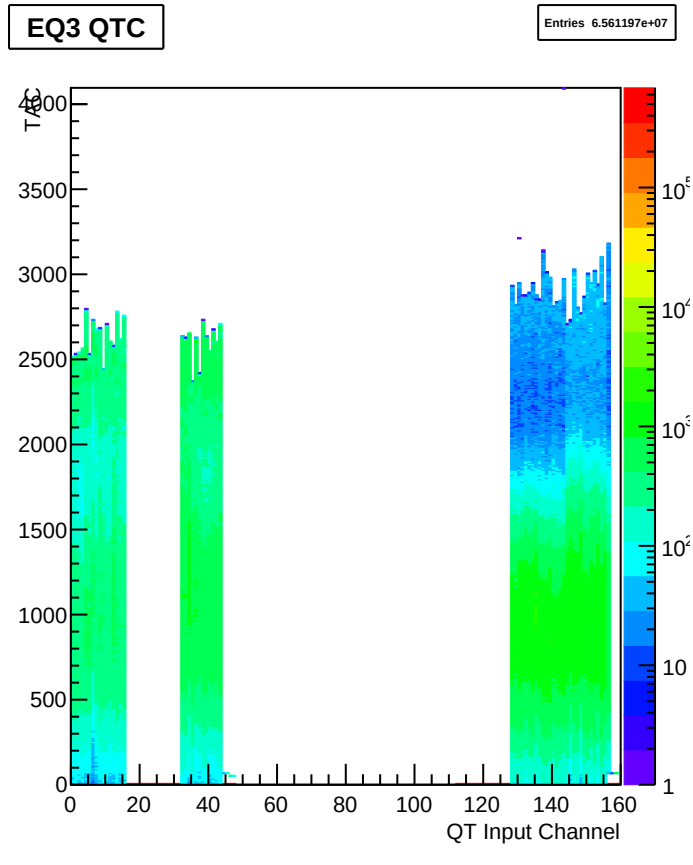
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Entries 6.561197e+07
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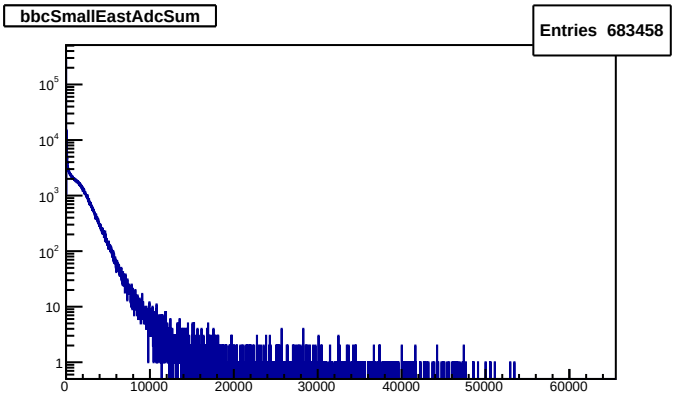
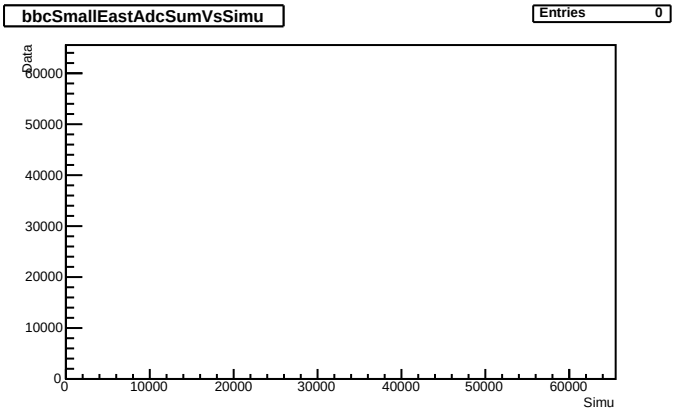
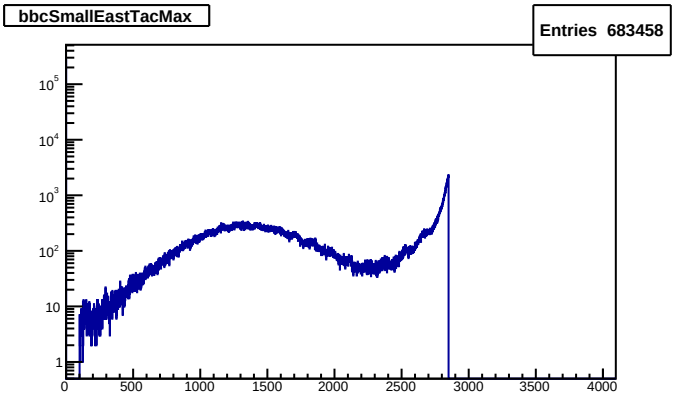
QT Input Channel


bbcSmallEastAdcSum
Entries 683458


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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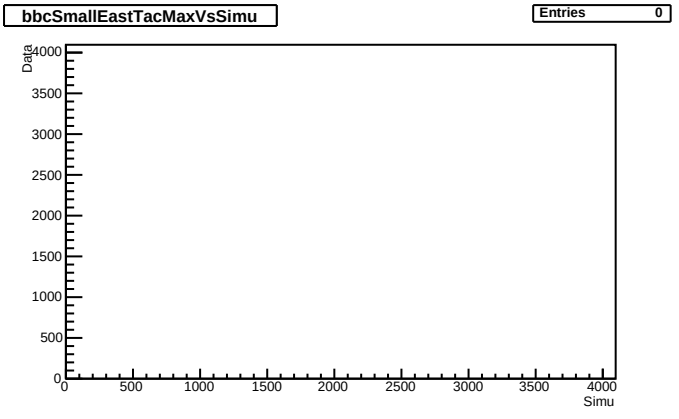
Entries 683458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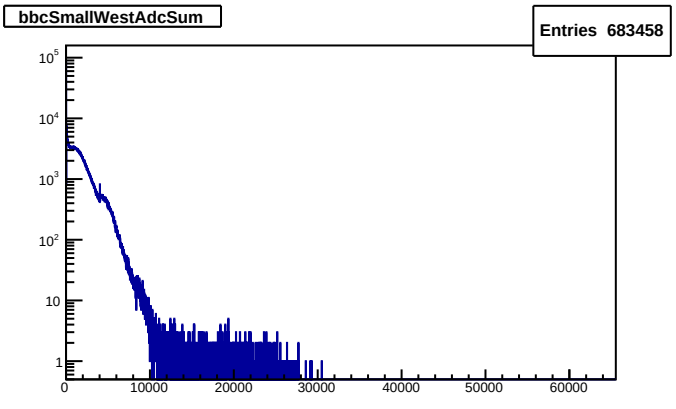
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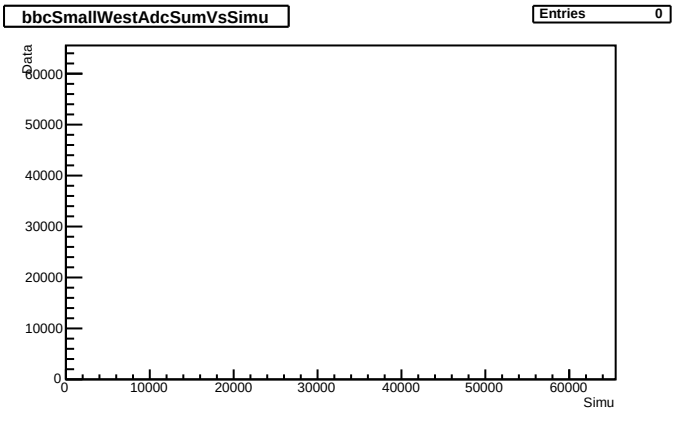
Entries 683458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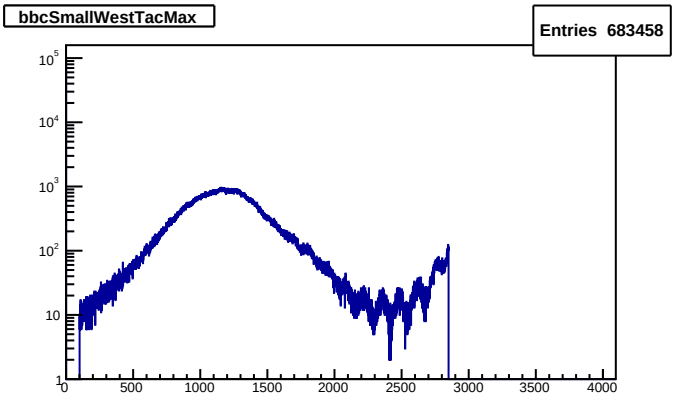
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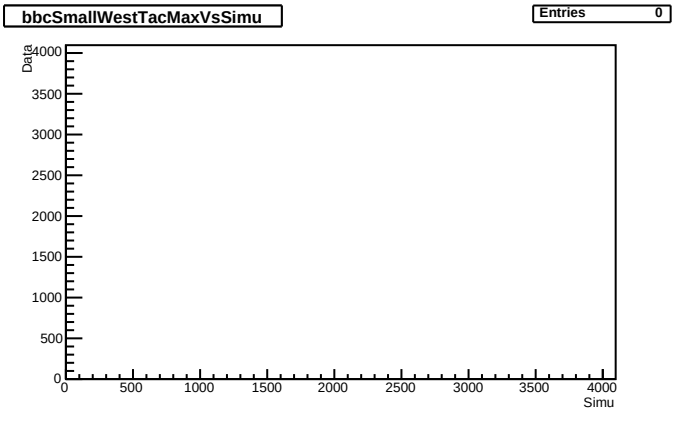
Entries 683458


bbcSmallWestTacMaxVsSimu
Entries 0
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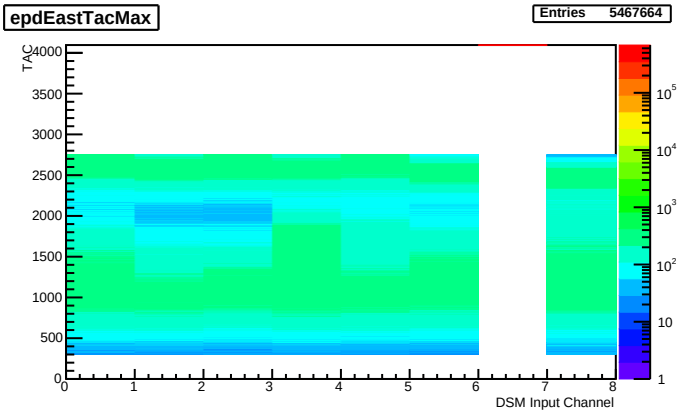
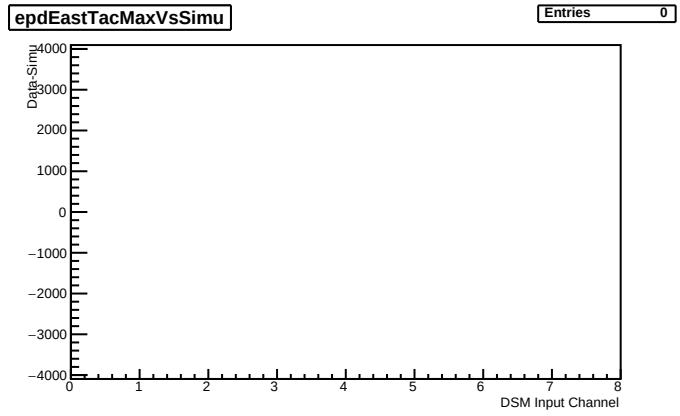
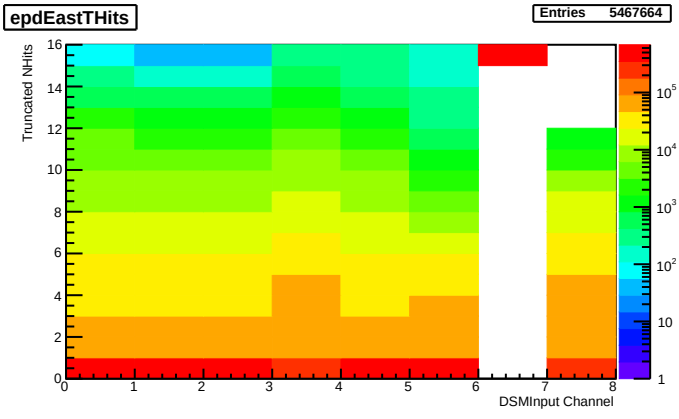
Simu


epdEastTacMax
Entries 5467664
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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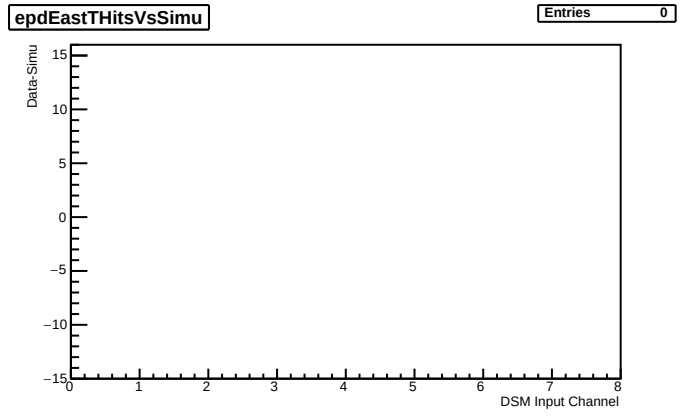
Entries 5467664
Truncated NHits
DSMInput Channel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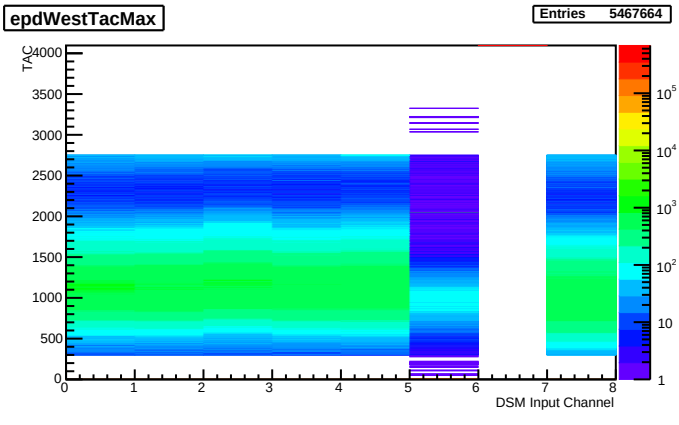
DSM Input Channel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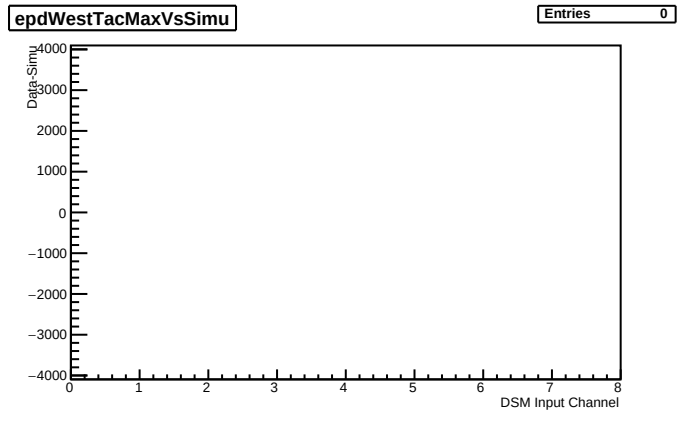
Entries 5467664
TAC
DSM Input Channel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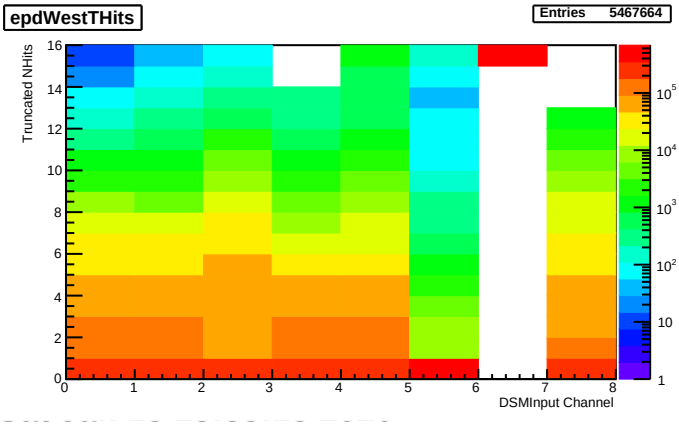
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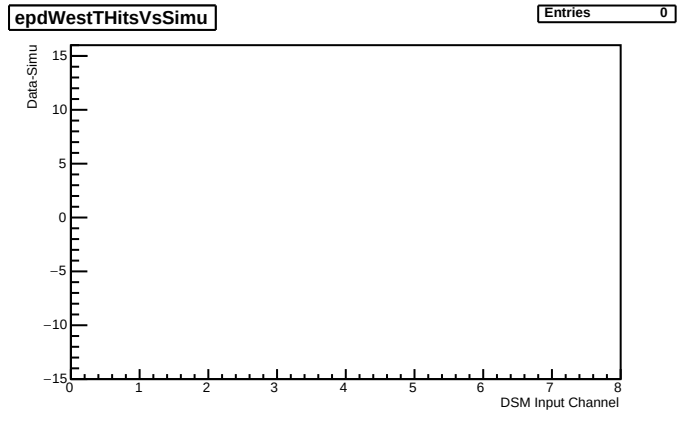
Truncated NHits
DSMInput Channel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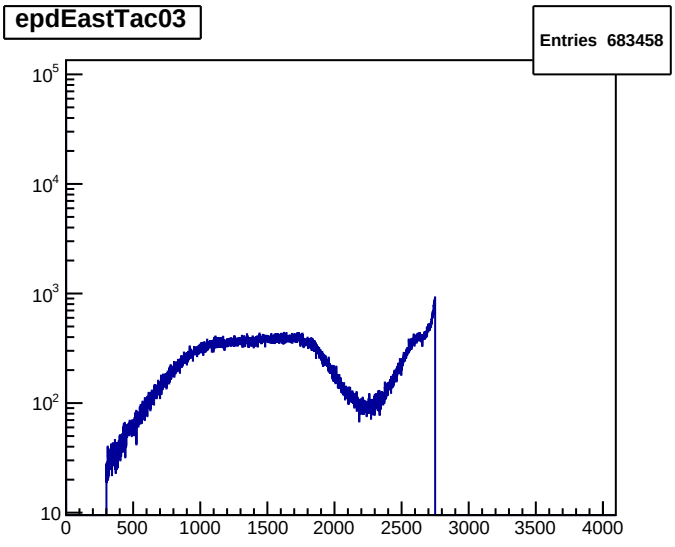
DSM Input Channel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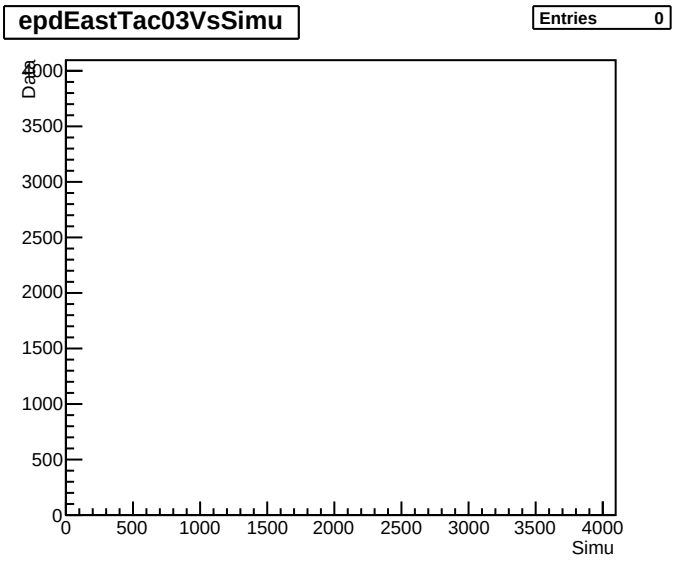
Entries 683458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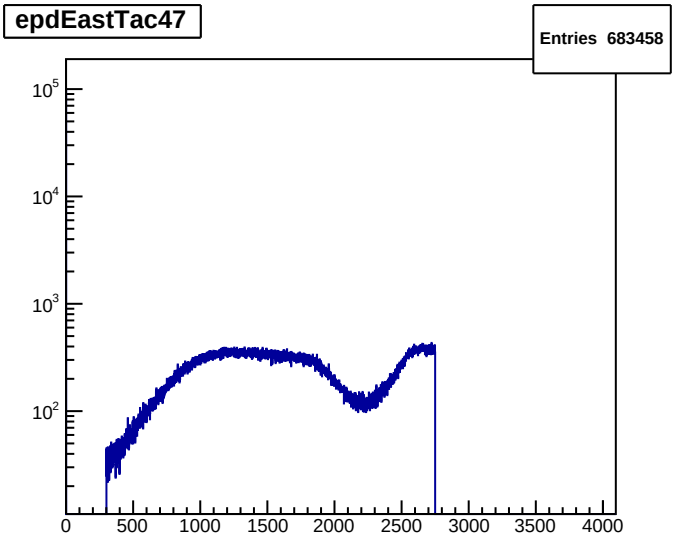
Entries 0
Data
Simu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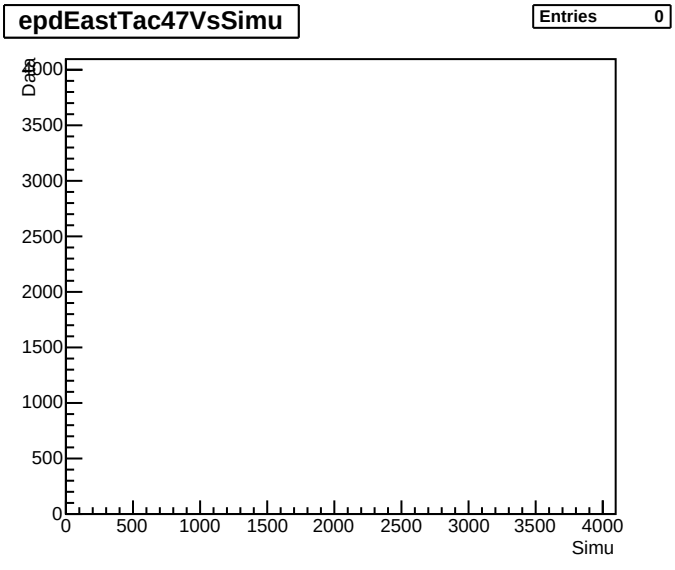
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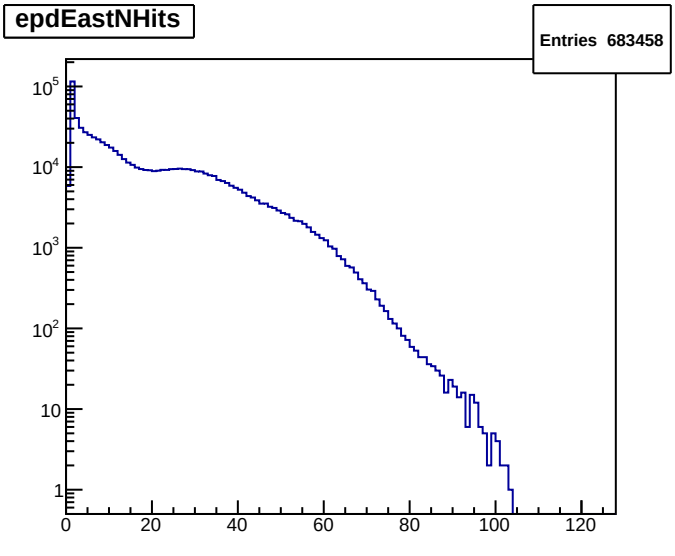
Data
Simu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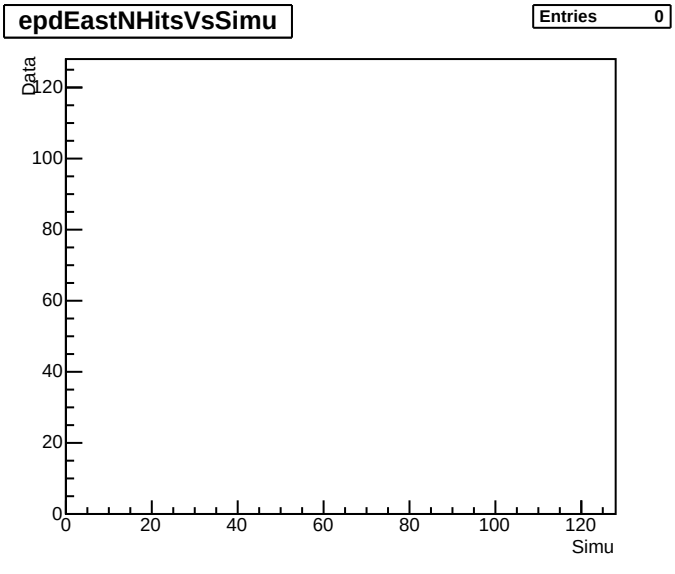
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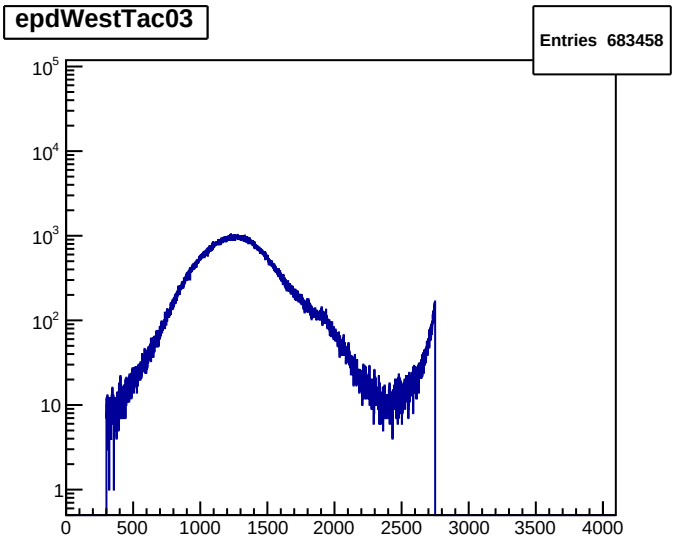
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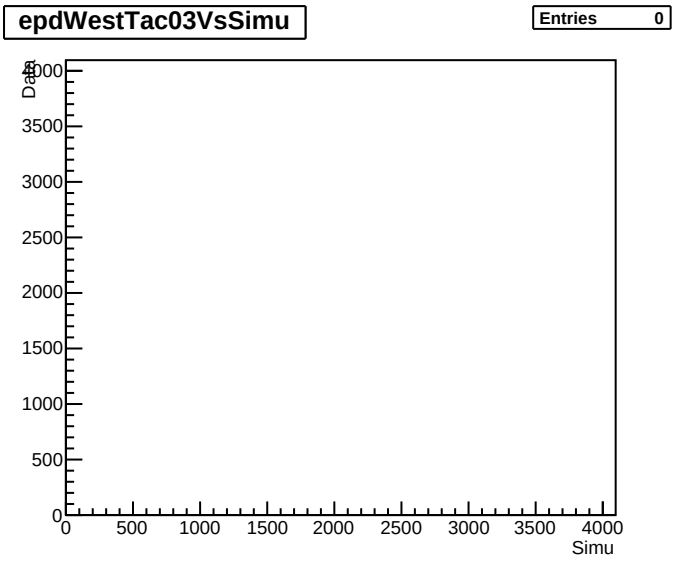
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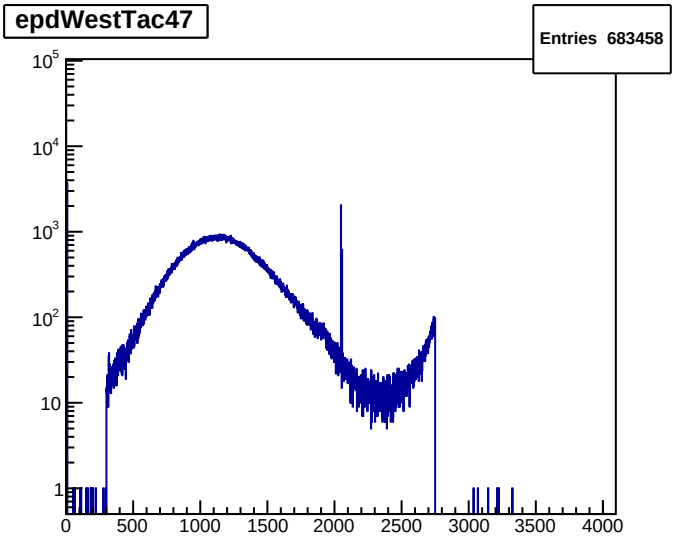
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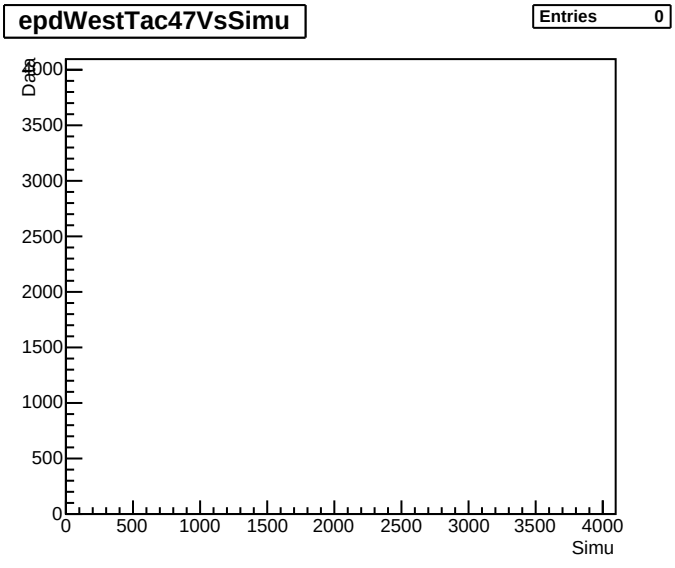
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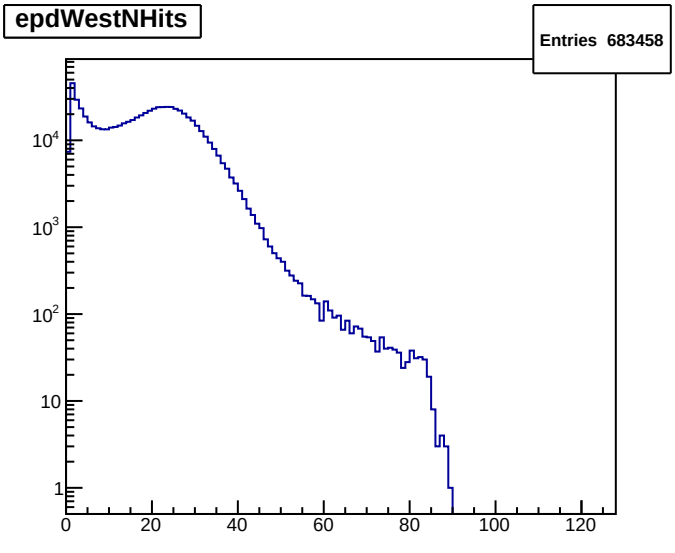
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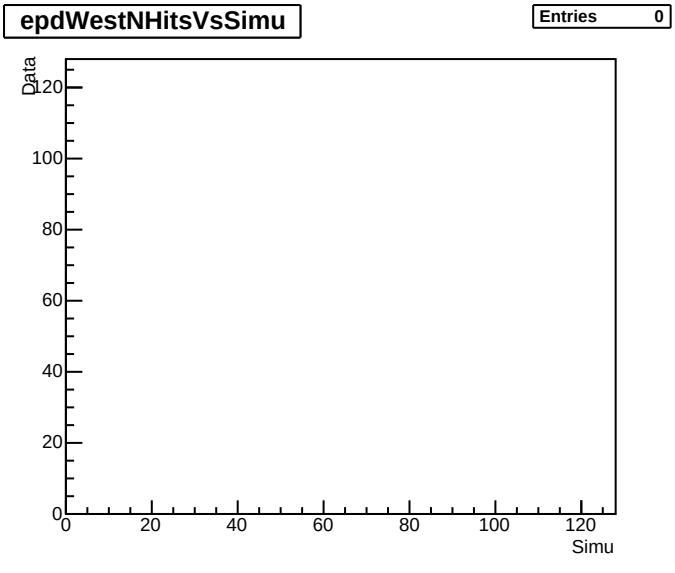
Entries 683458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Entries 0
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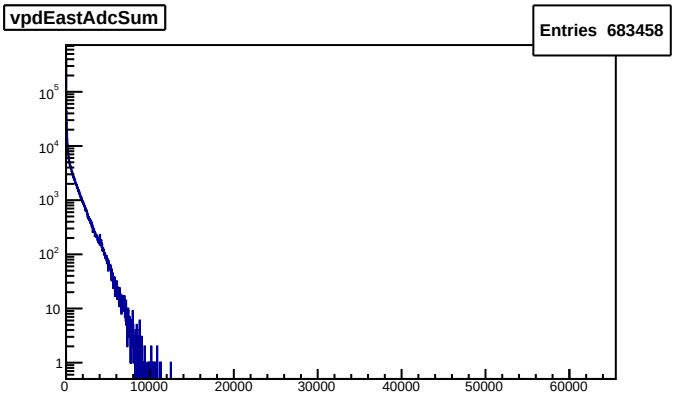
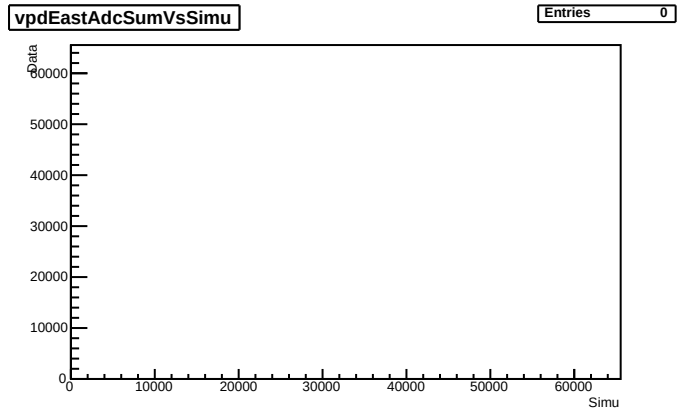
Simu


vpdEastAdcSum
Entries 683458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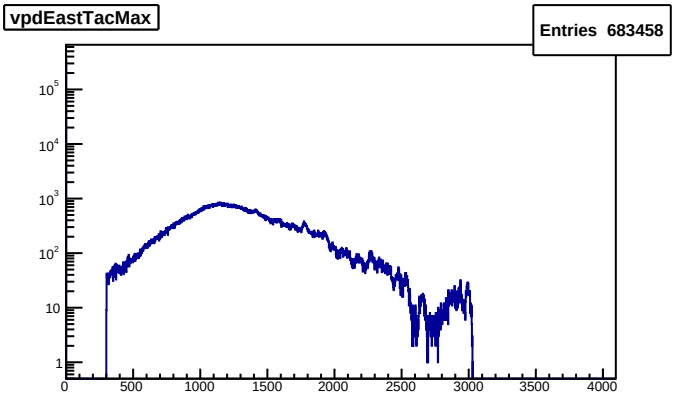
Data
Simu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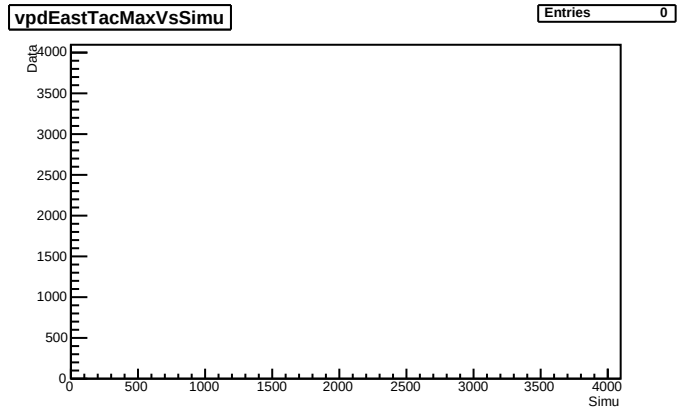
Entries 683458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Entries 0
Data
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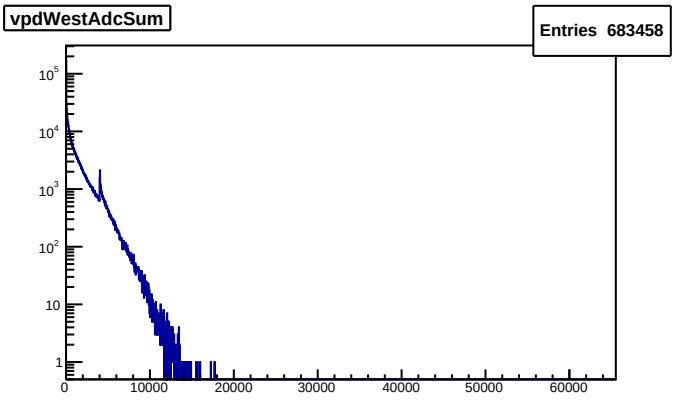
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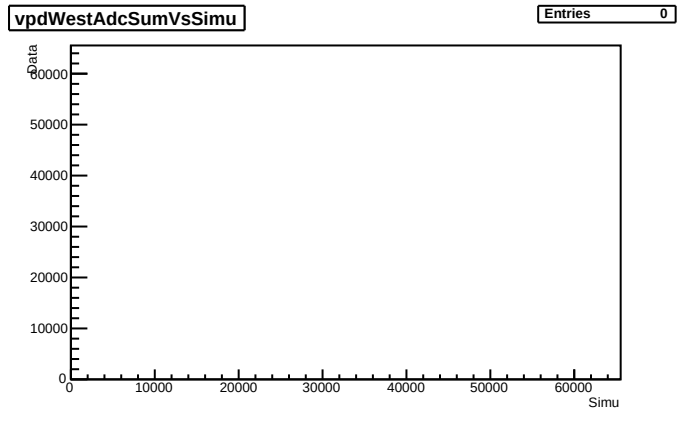
Entries 683458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Entries 0
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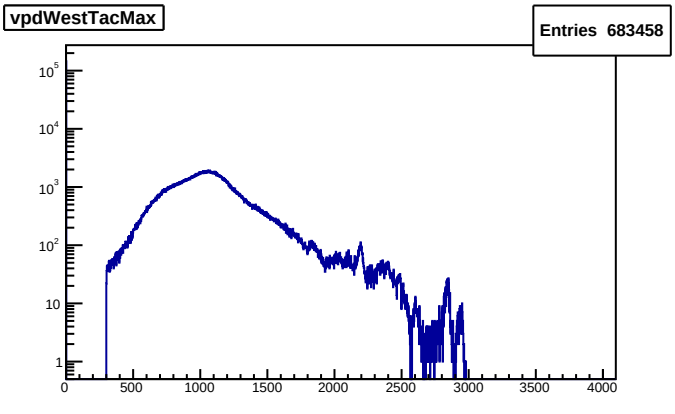
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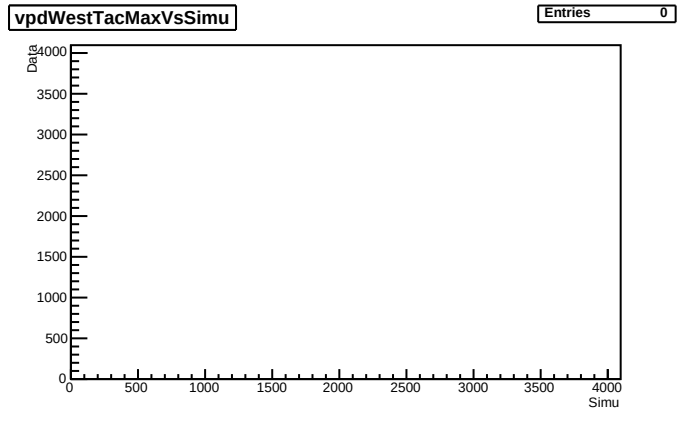
Entries 683458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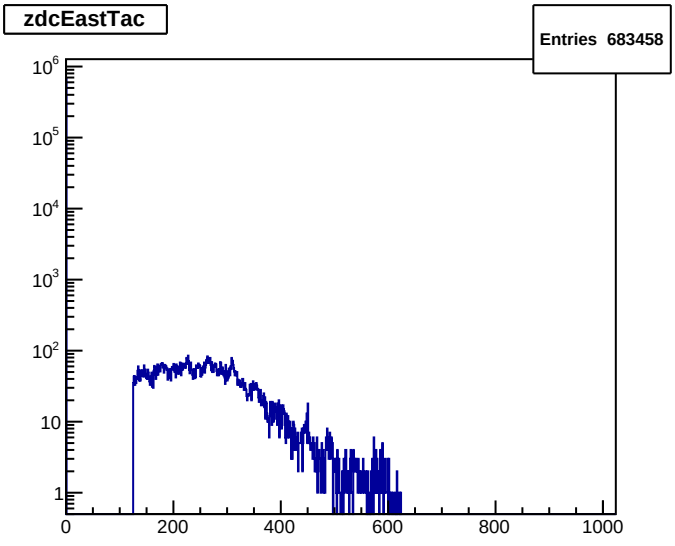
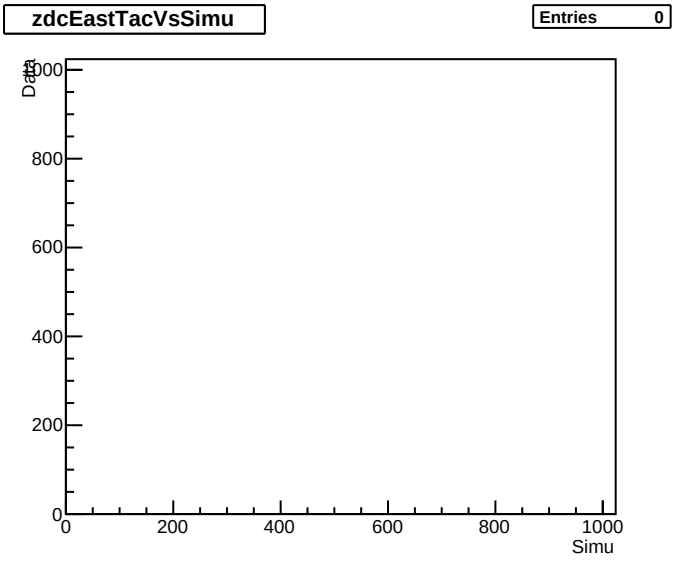
Entries 0
Data
Simu


zdcEastTac
Entries 683458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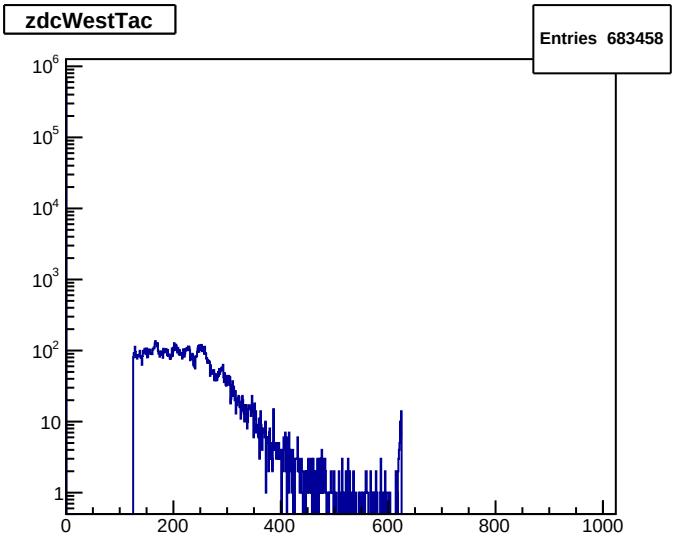
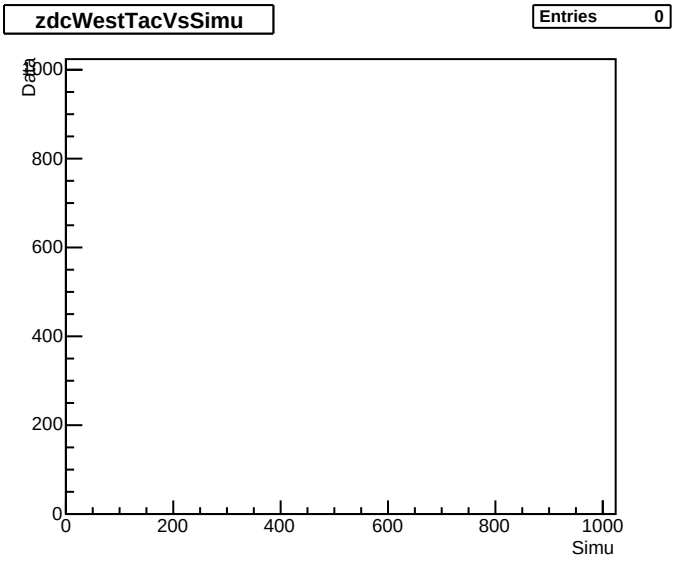
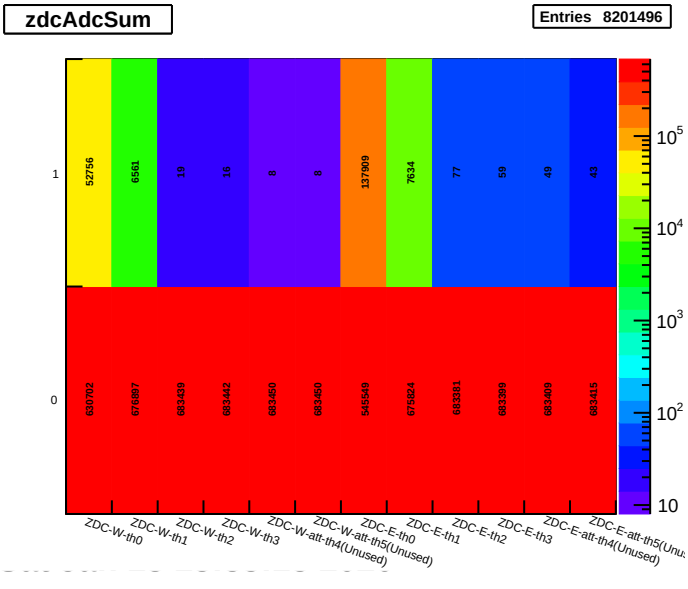
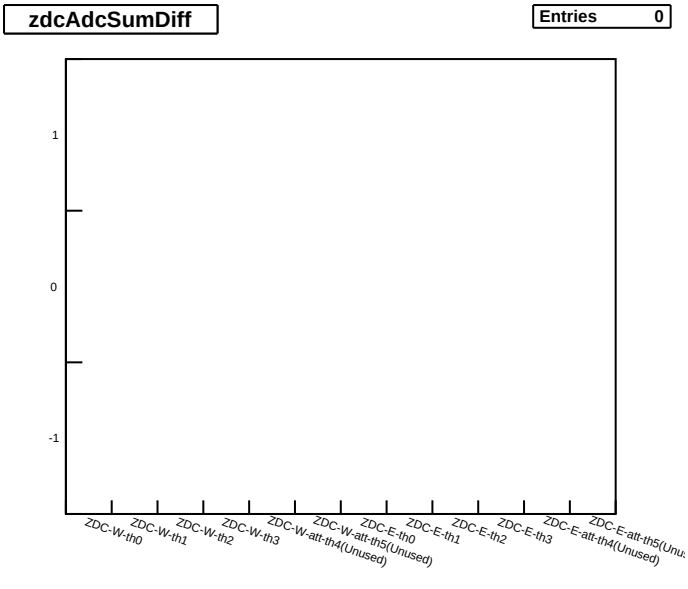
Entries 0
Data
Simu


zdcWestTac
Entries 683458


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8201496
52756
6561
19
16
8
8
137909
7634
77
59
49
43
630702
676897
683439
683442
683450
683450
545549
675824
683381
683399
683409
683415
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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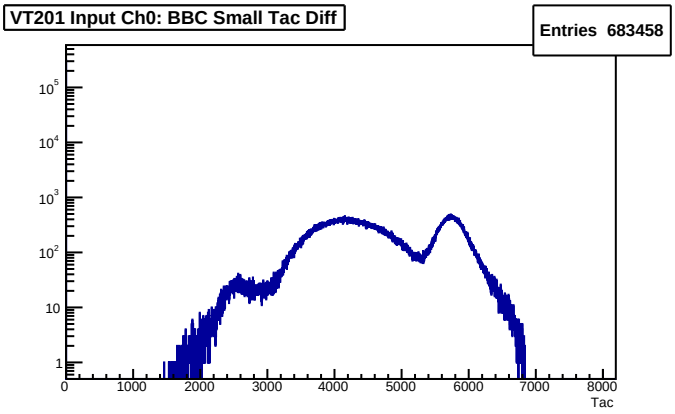
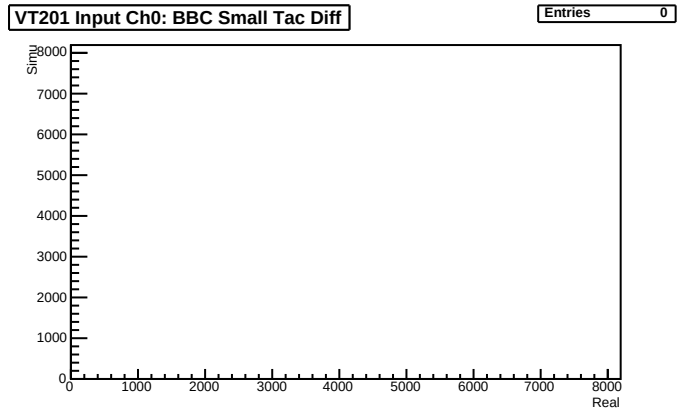
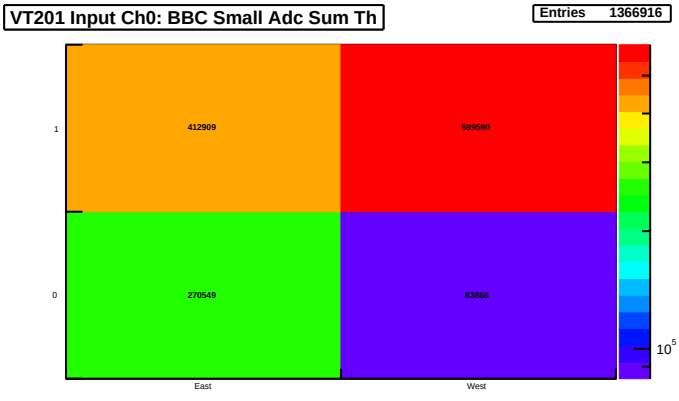
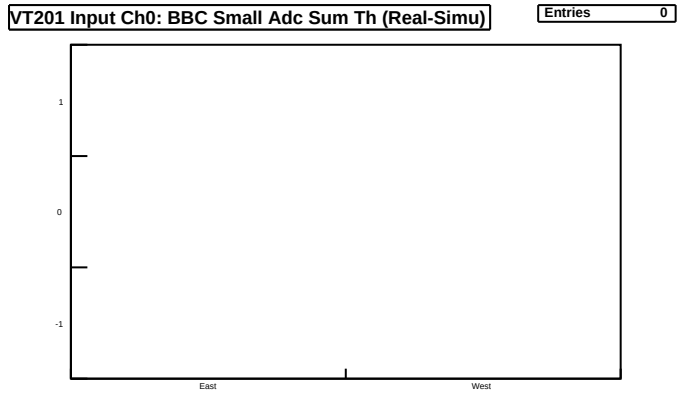
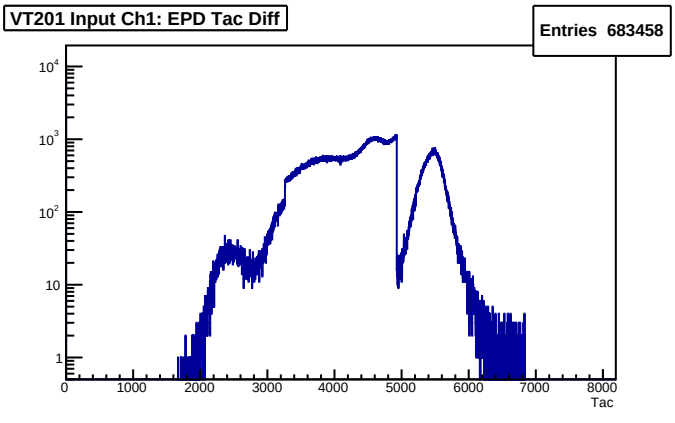
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

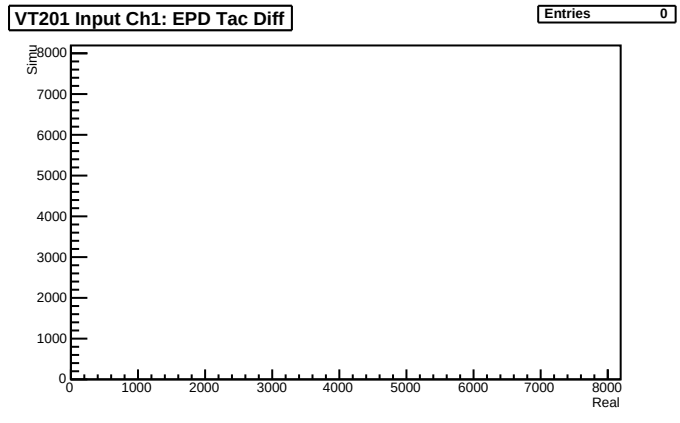

VT201 Input Ch0: BBC Small Tac Diff
Entries 683458
Tac

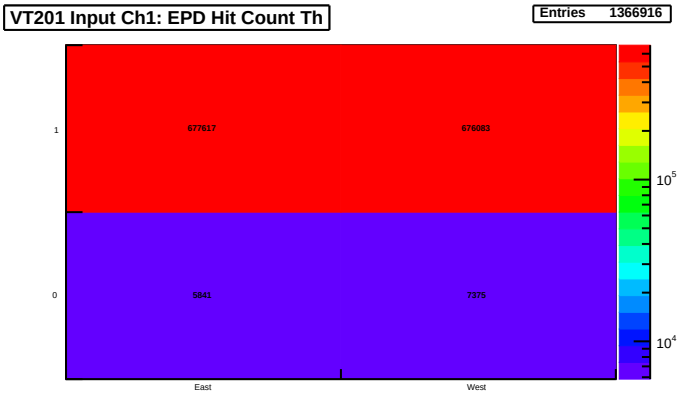

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

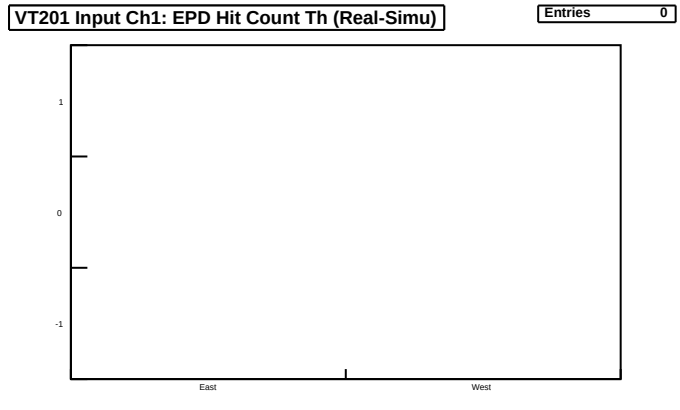

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1366916
412909
599590
270549
83868
East
West

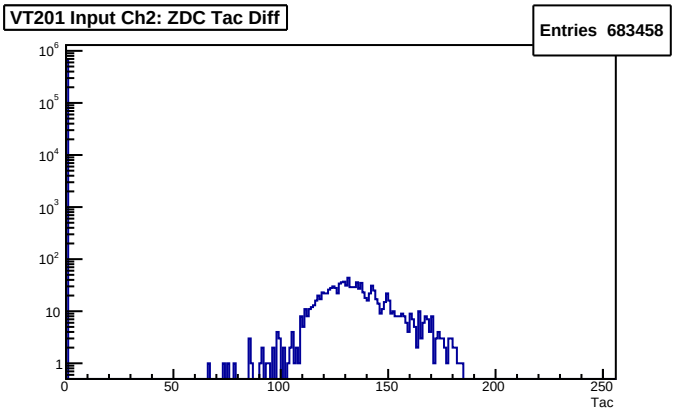

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

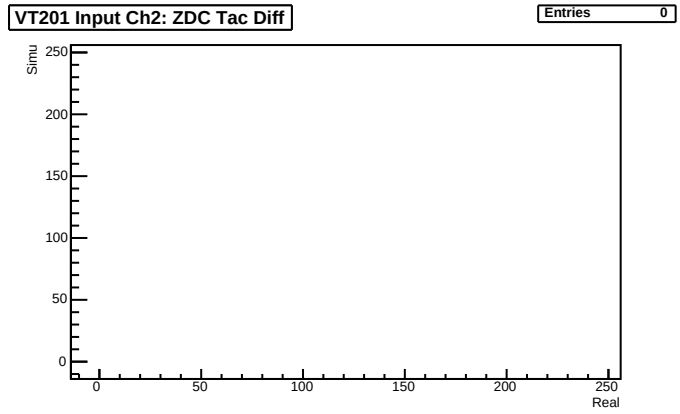

VT201 Input Ch1: EPD Tac Diff
Entries 683458
Tac

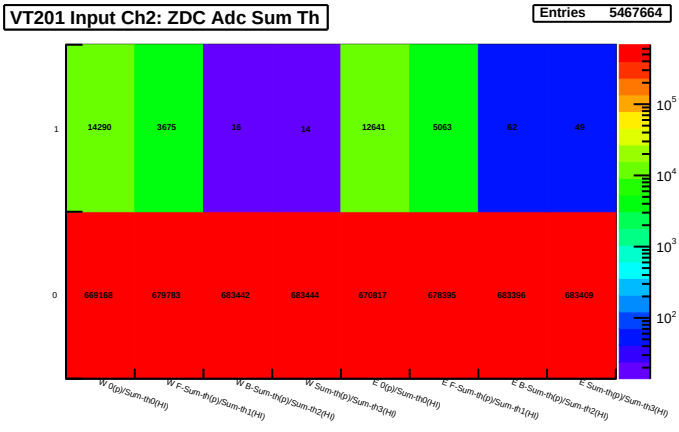

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

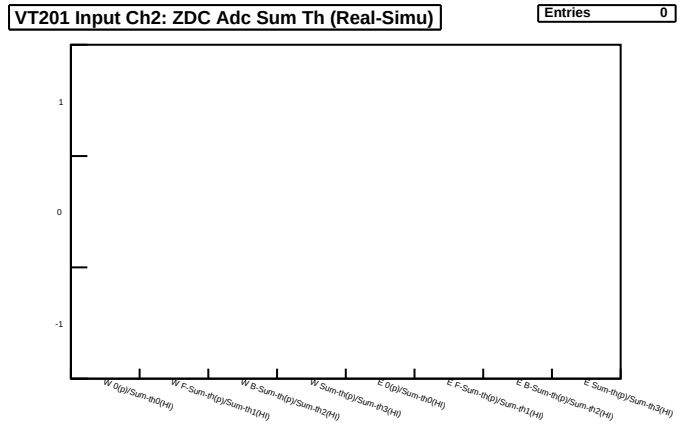

VT201 Input Ch1: EPD Hit Count Th
Entries 1366916
677617
676083
5841
7375
East
West

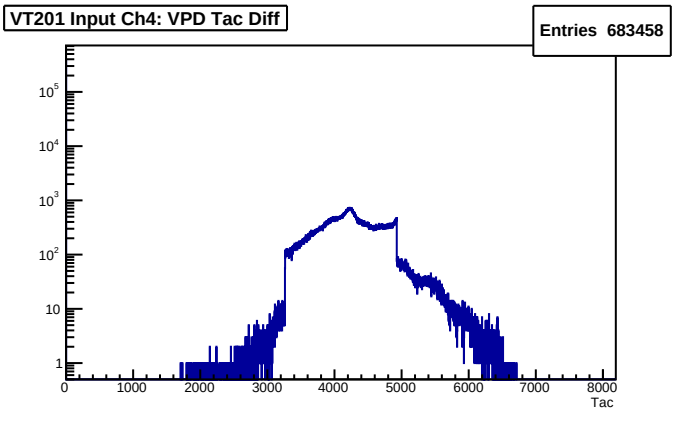

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

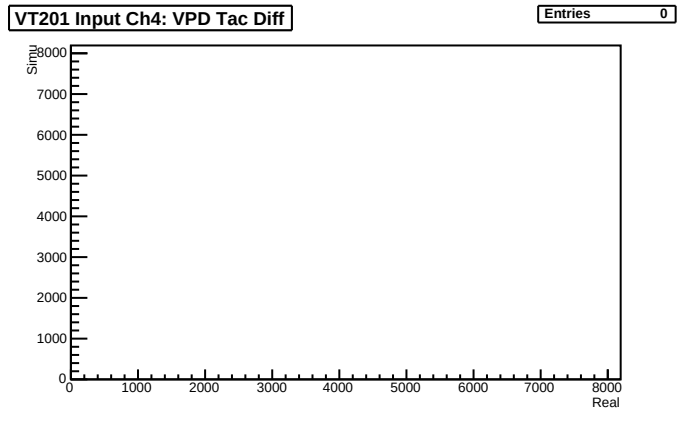

VT201 Input Ch2: ZDC Tac Diff
Entries 683458
Tac

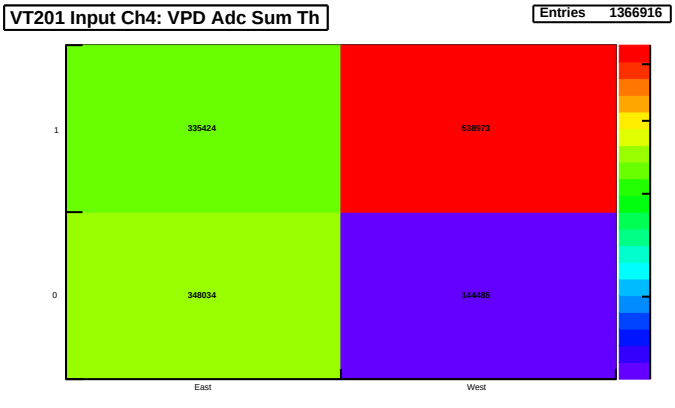

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

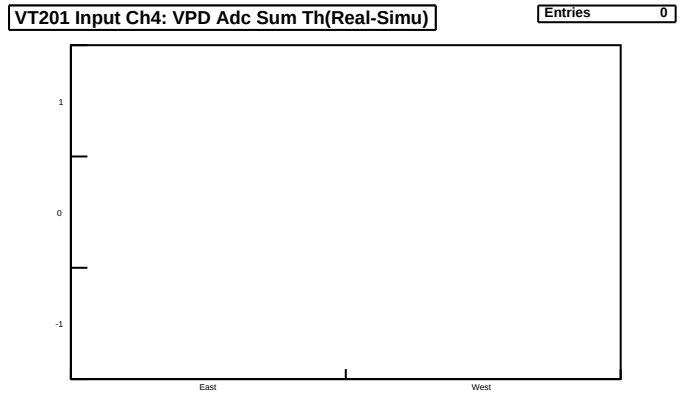

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5467664
14290
3675
16
14
12641
5063
62
49
669168
679783
683442
683444
670817
678395
683396
683409
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

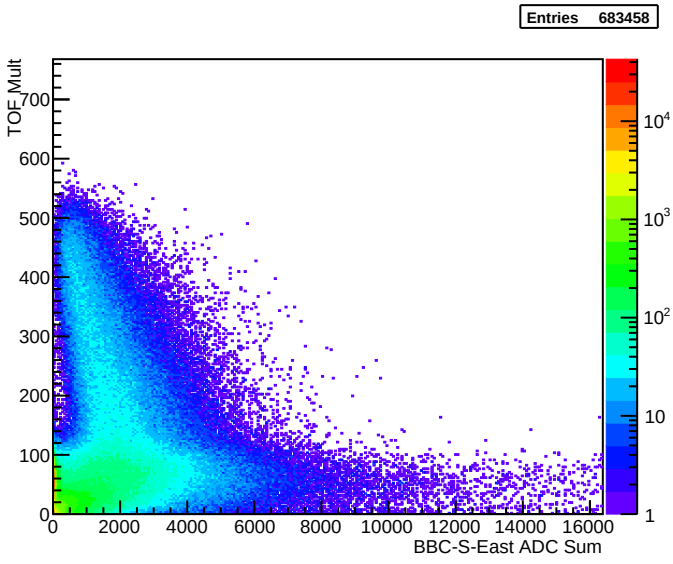

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

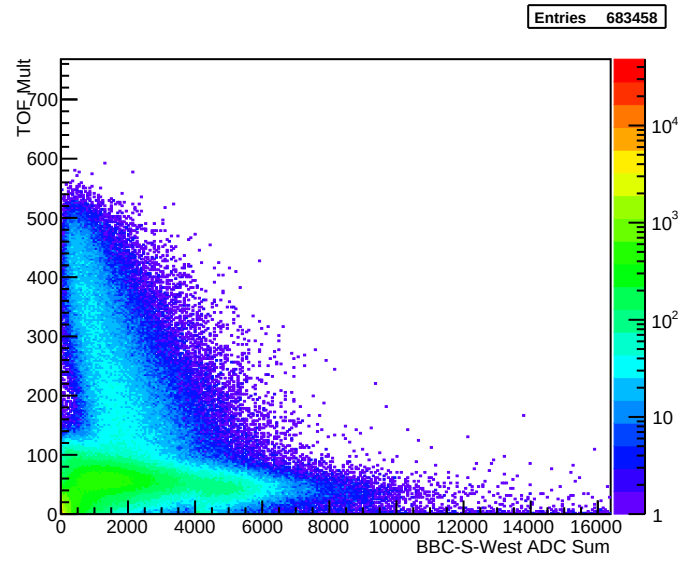

VT201 Input Ch4: VPD Tac Diff
Entries 683458
Tac

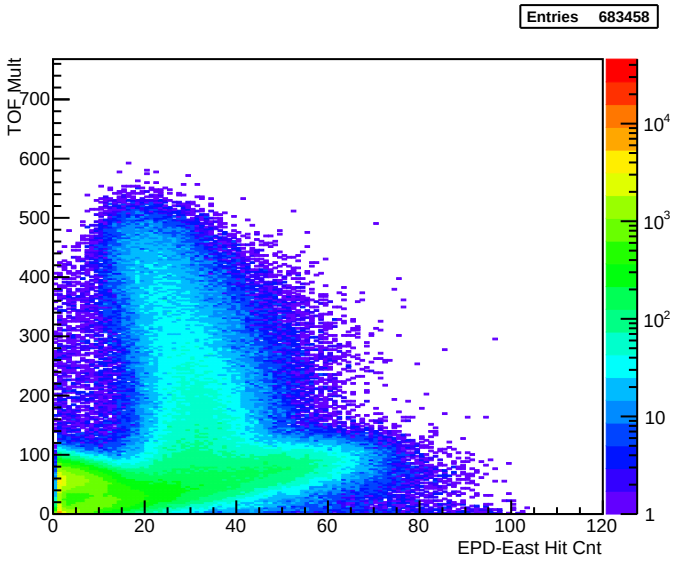

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

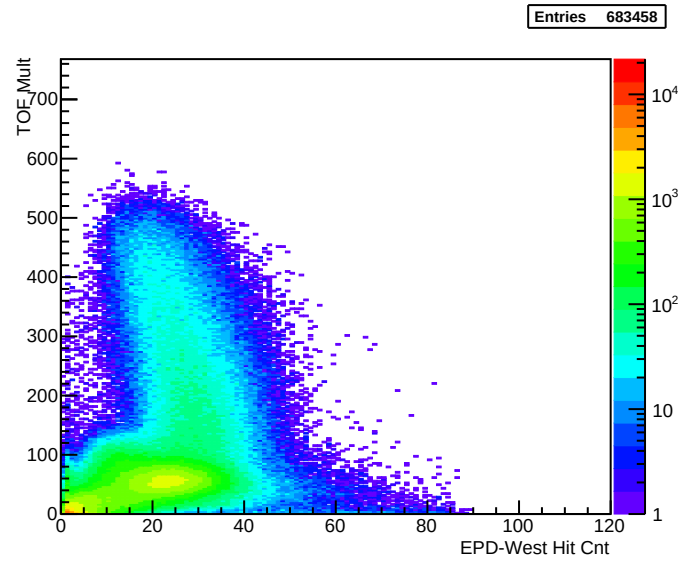

VT201 Input Ch4: VPD Adc Sum Th
Entries 1366916
335424
538973
348034
144485
East
West

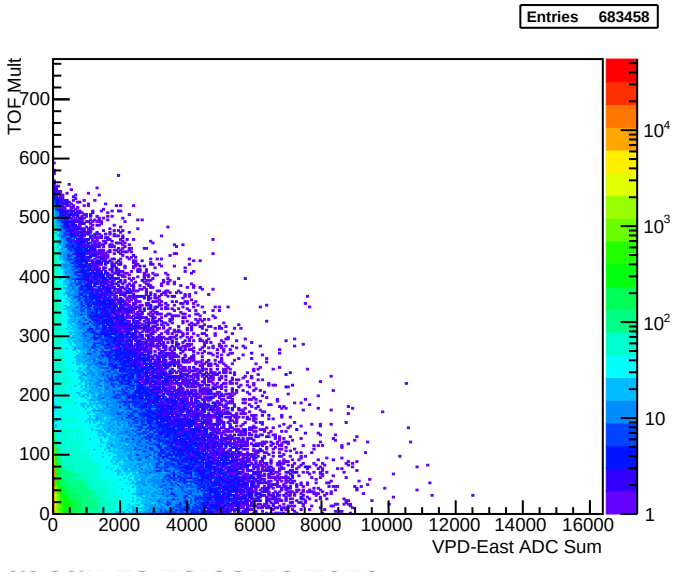

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

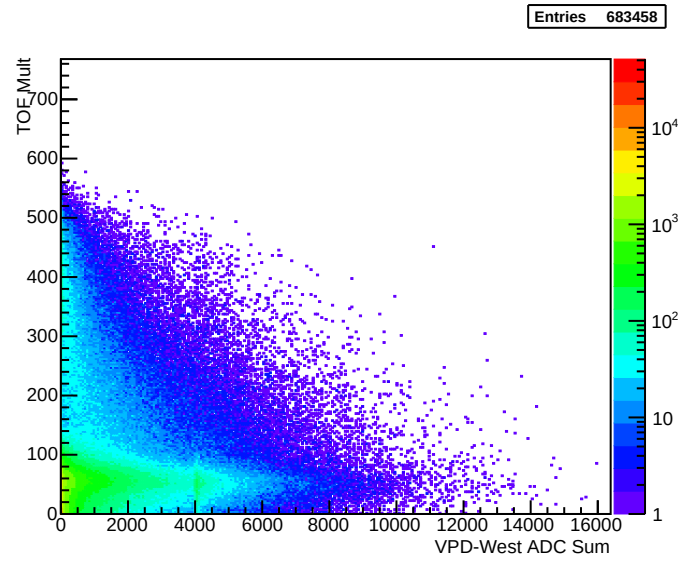

Entries 683458
TOF_Mult
BBC-S-East ADC Sum

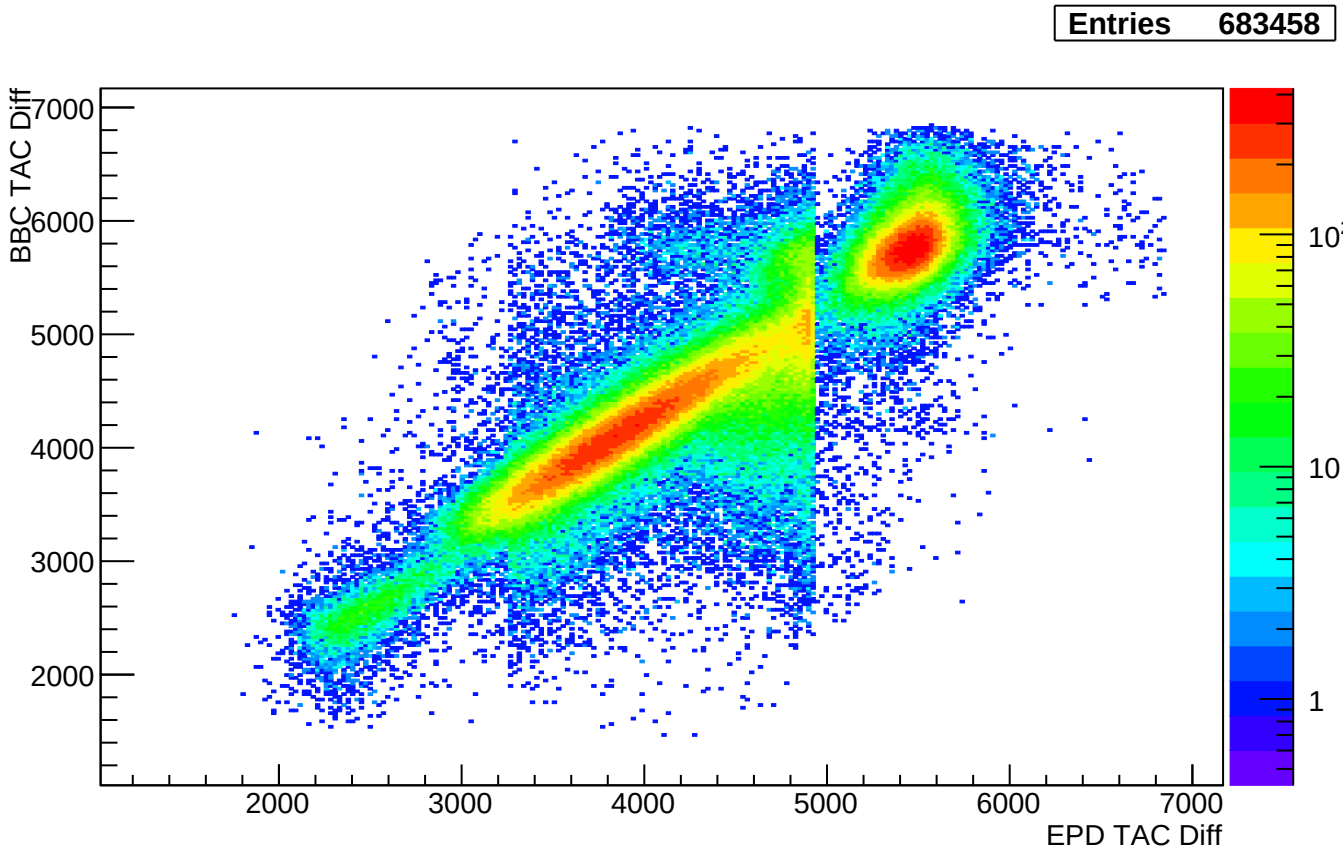

Entries 683458
TOF_Mult
BBC-S-West ADC Sum

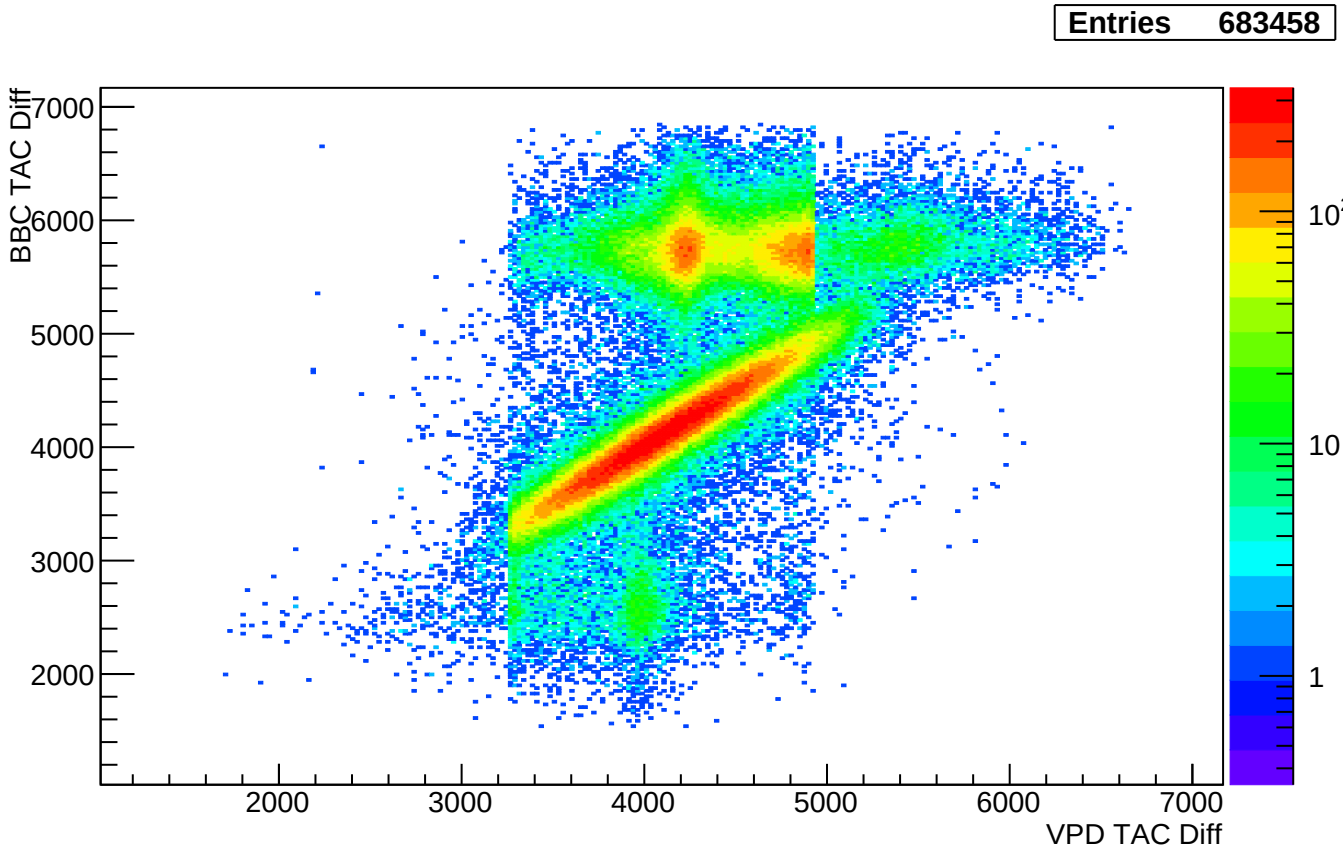

Entries 683458
TOF_Mult
EPD-East Hit Cnt

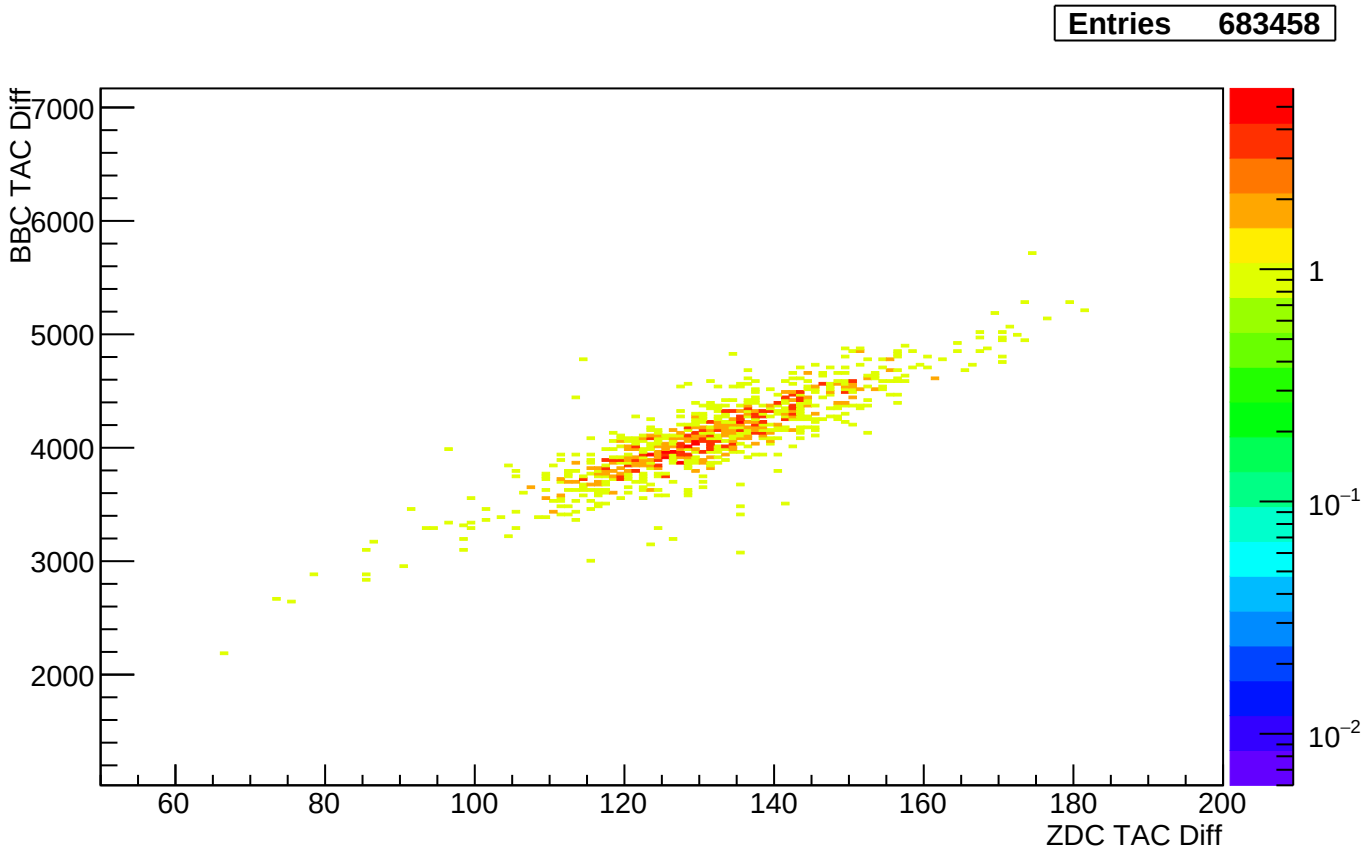

Entries 683458
TOF_Mult
EPD-West Hit Cnt

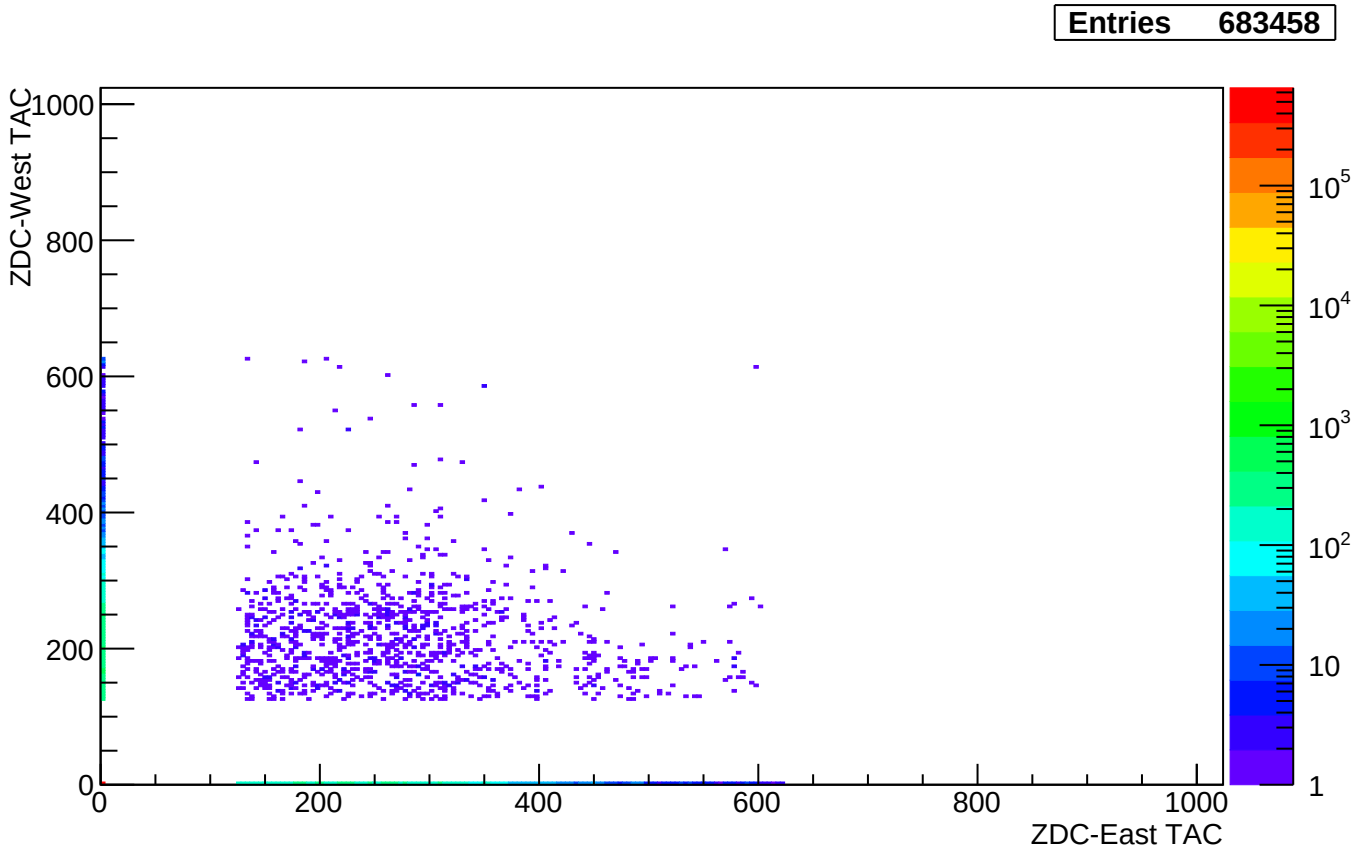

Entries 683458
TOF_Mult
VPD-East ADC Sum

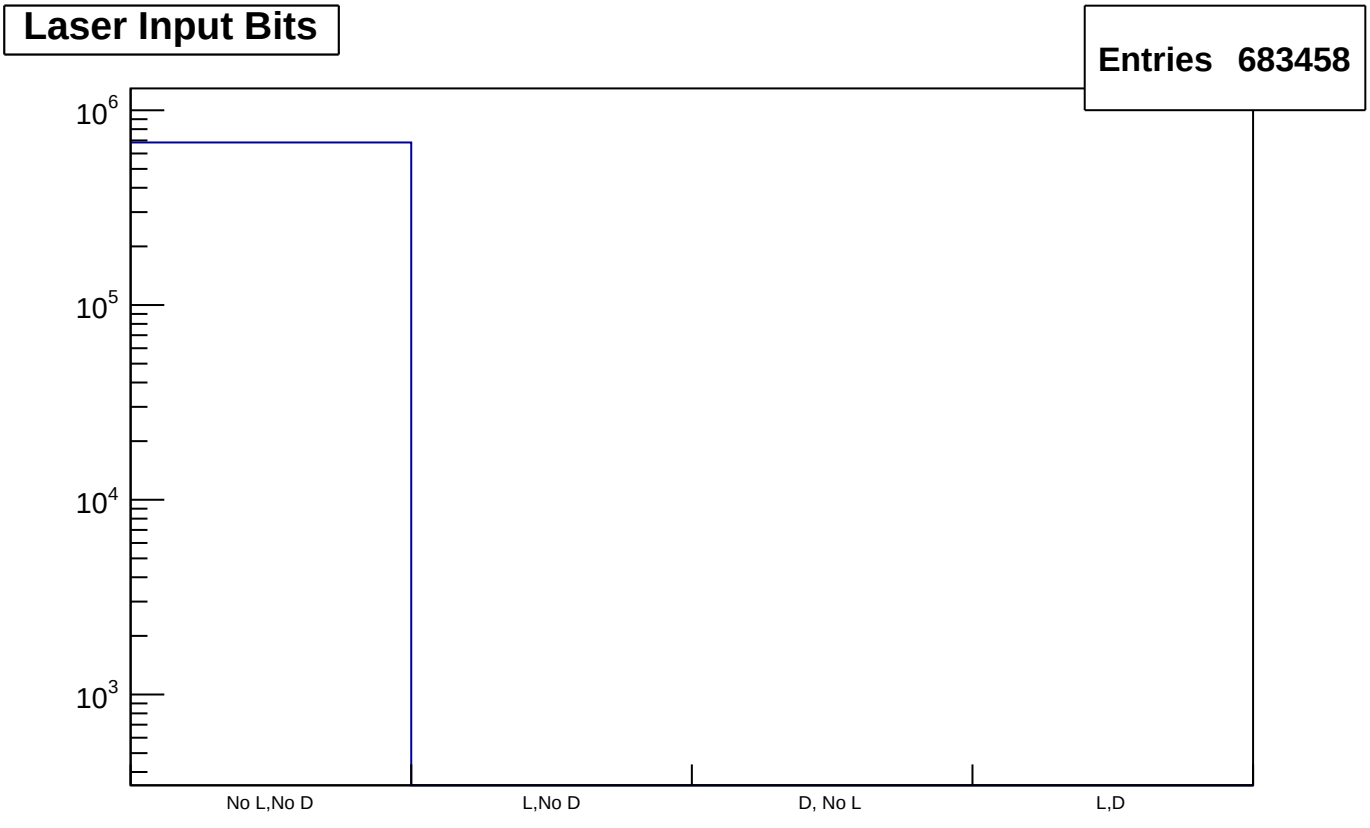

Entries 683458
TOF_Mult
VPD-West ADC Sum

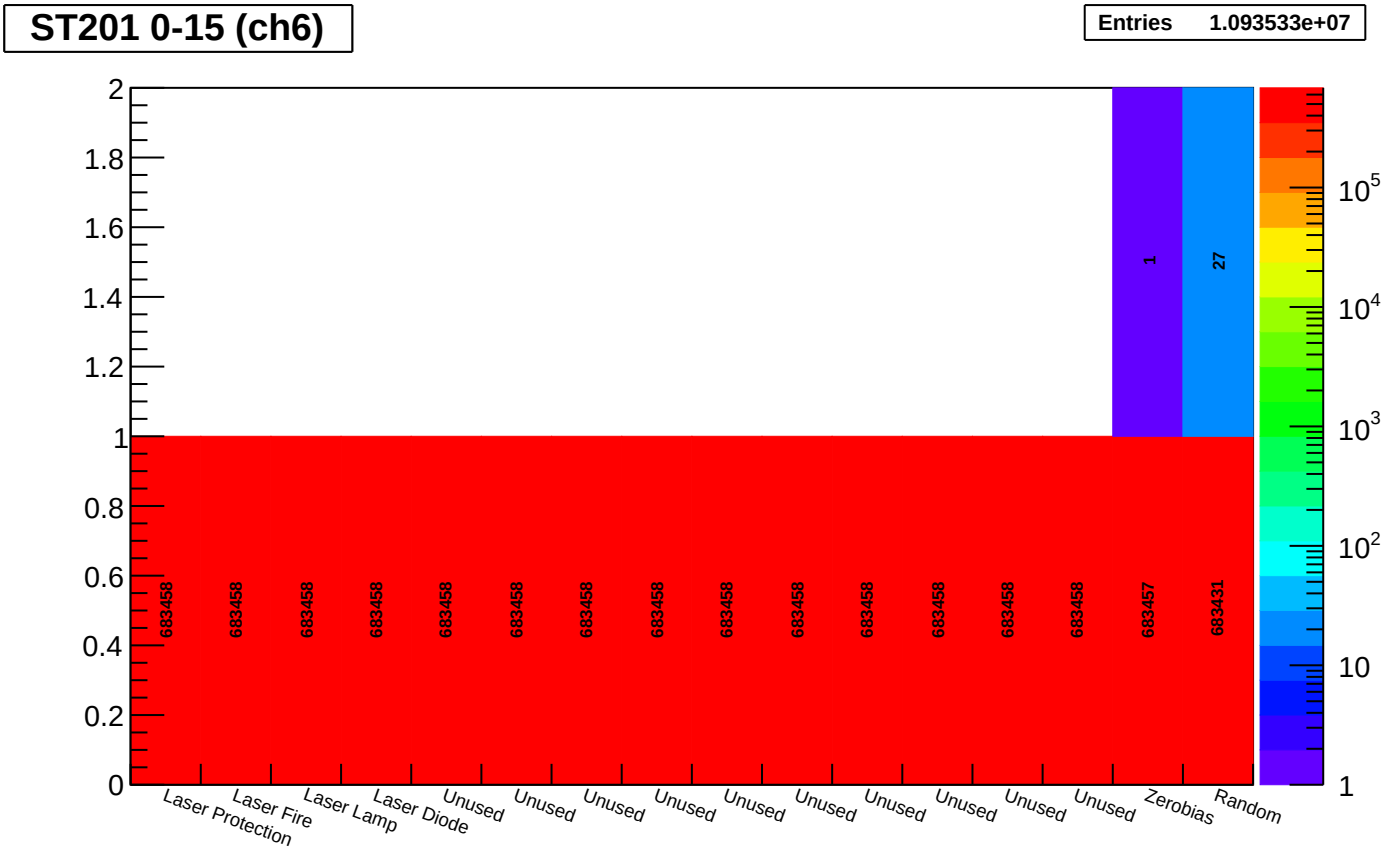

Entries 683458
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1


Entries 683458
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

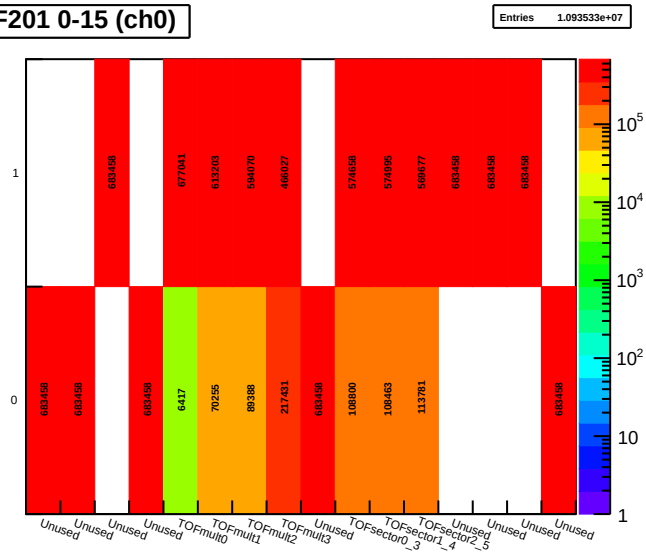

Entries 683458
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}


Entries 683458
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

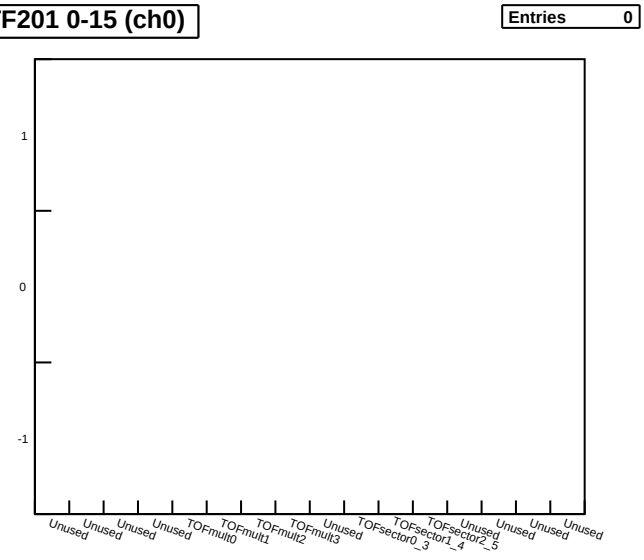

Laser Input Bits
Entries 683458
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.093533e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
683458
683458
683458
683458
683458
683458
683458
683458
683458
683458
683458
683458
683458
683458
683457
683431
1
27
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

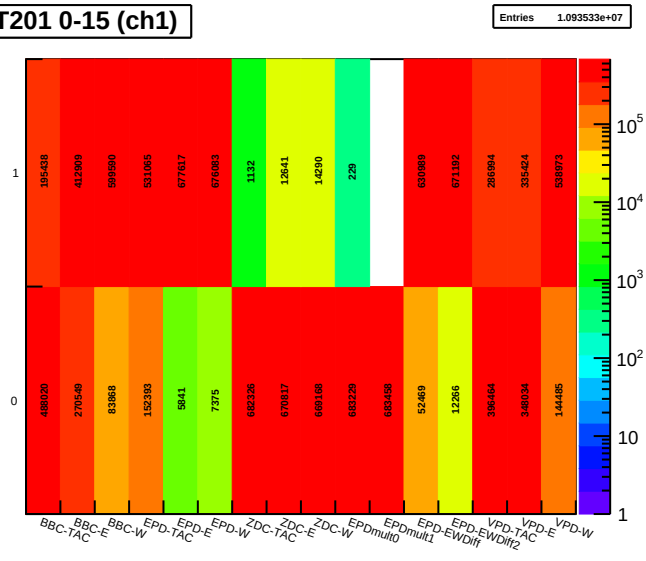
TF201 0-15 (ch0)



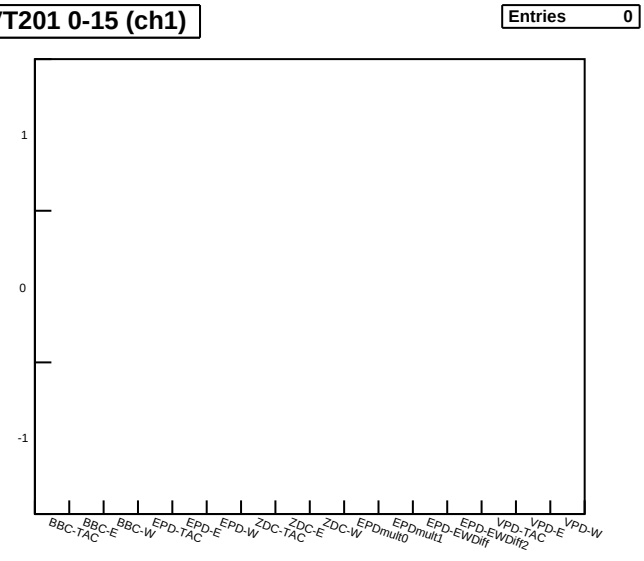
TF201 0-15 (ch0)



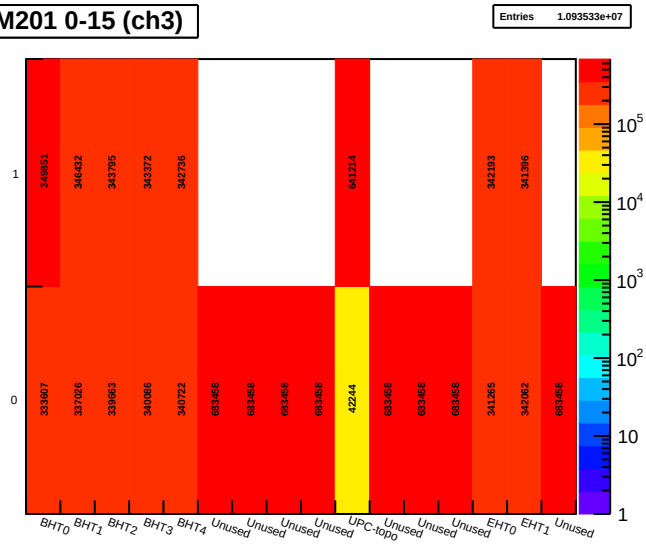
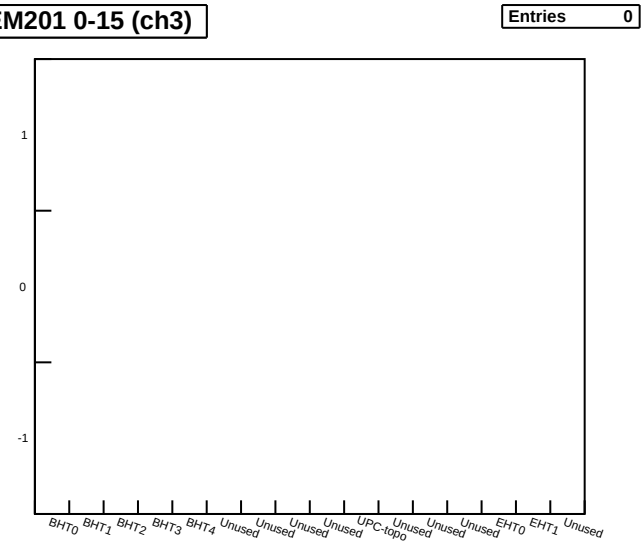
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)