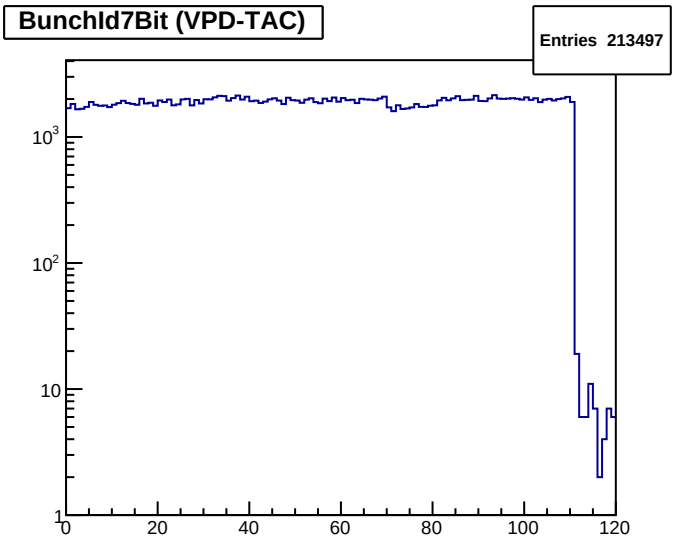
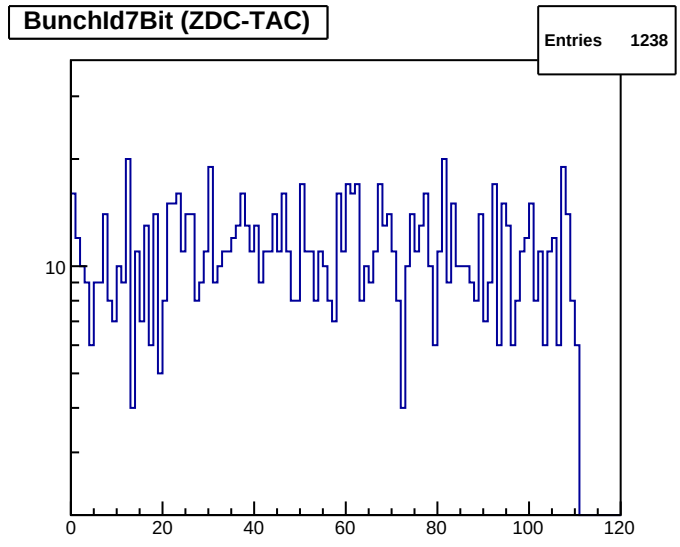
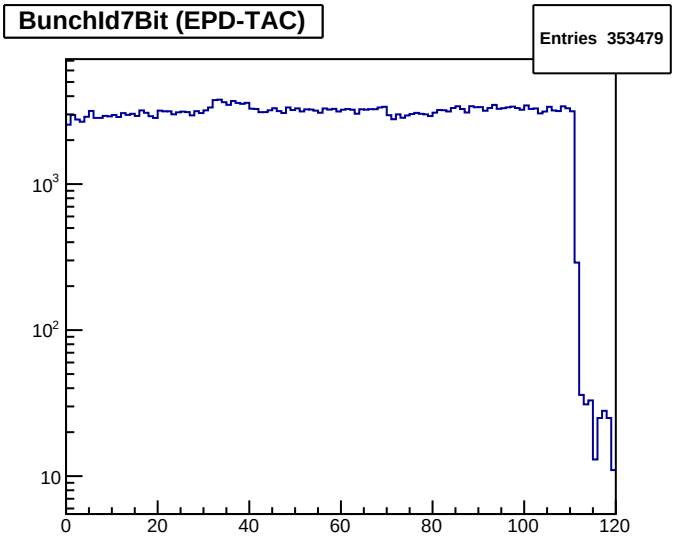
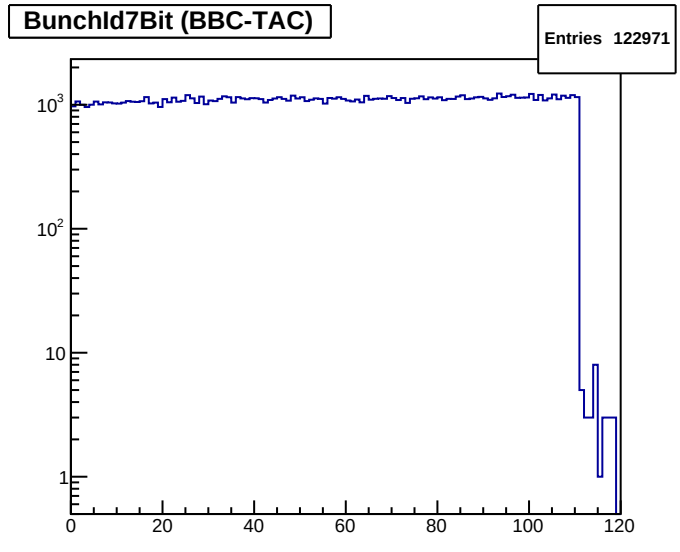
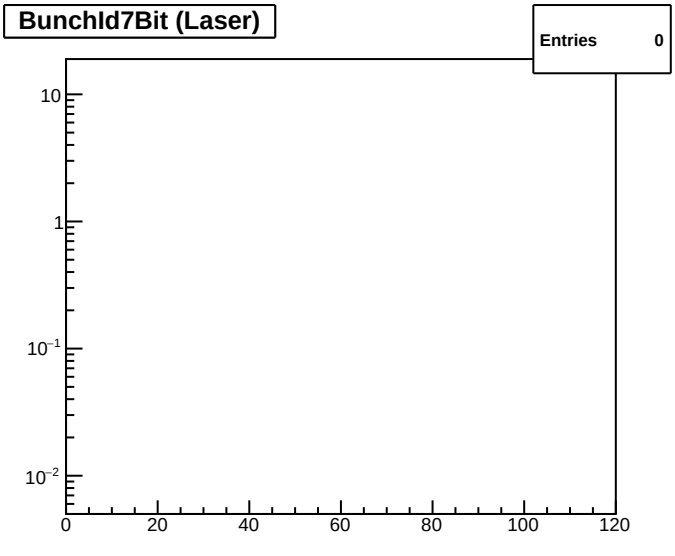
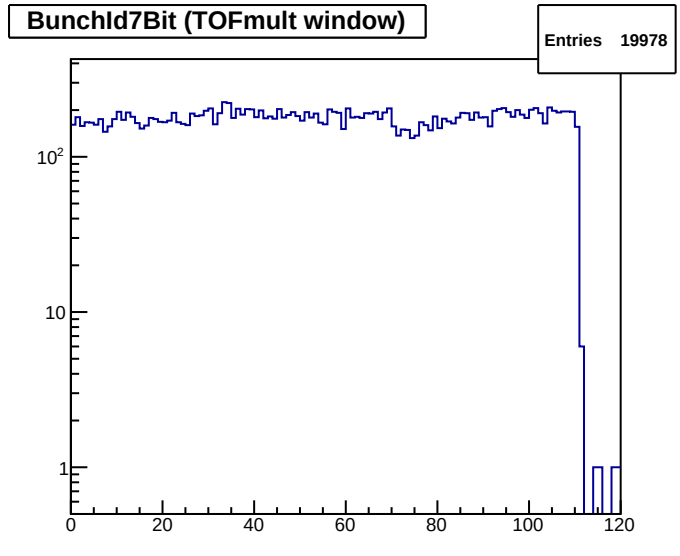

BunchId7Bit (VPD-TAC)
Entries 213497

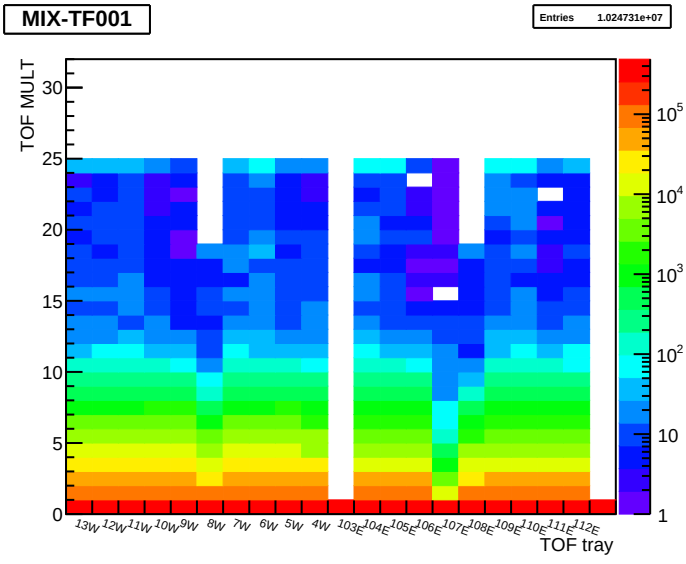

BunchId7Bit (ZDC-TAC)
Entries 1238

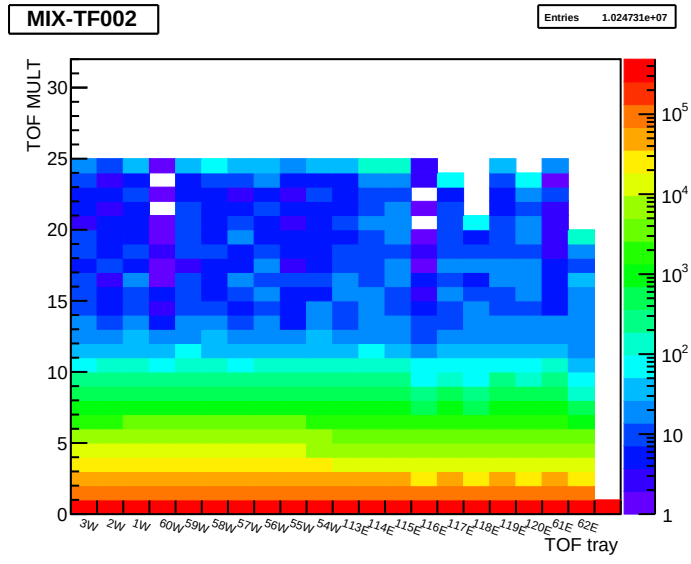

BunchId7Bit (EPD-TAC)
Entries 353479

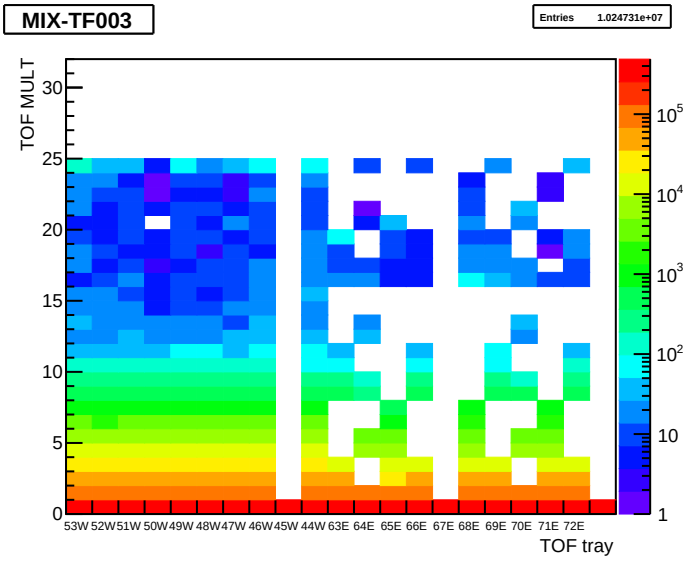

BunchId7Bit (BBC-TAC)
Entries 122971

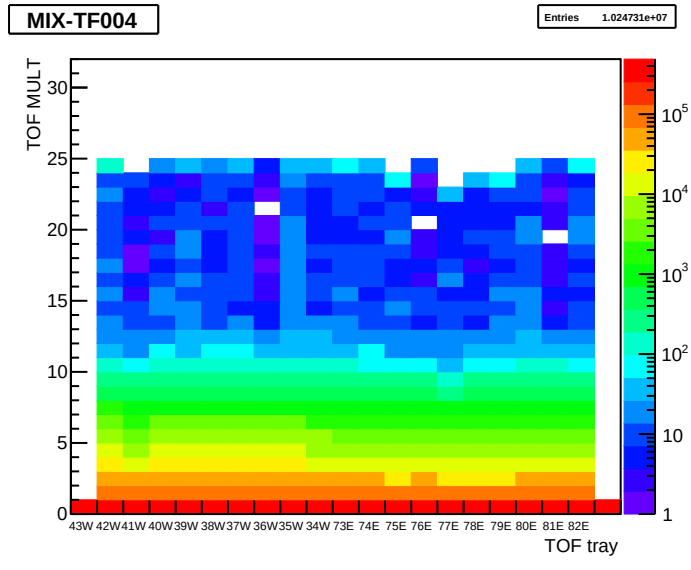

BunchId7Bit (Laser)
Entries 0

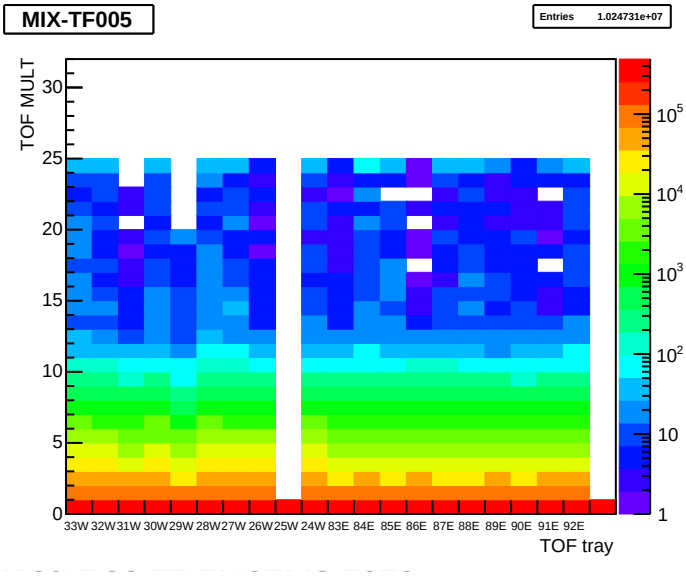

BunchId7Bit (TOFmult window)
Entries 19978

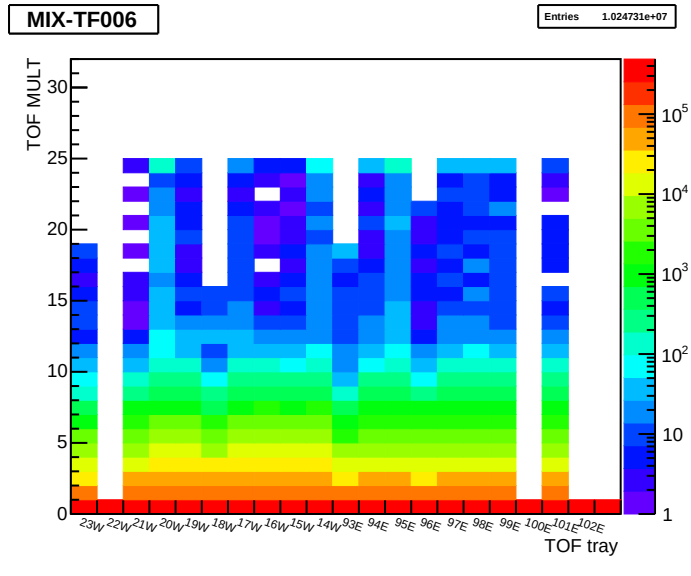

MIX-TF001
Entries 1.024731e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

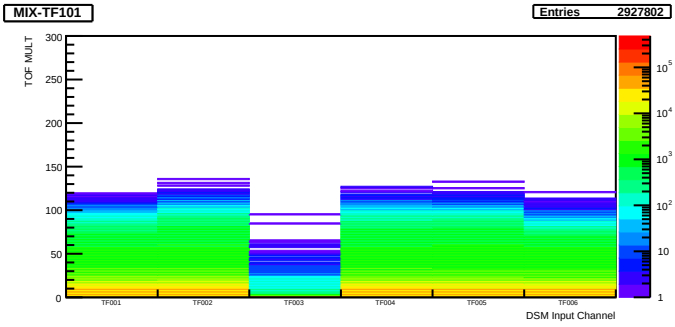

MIX-TF002
Entries 1.024731e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

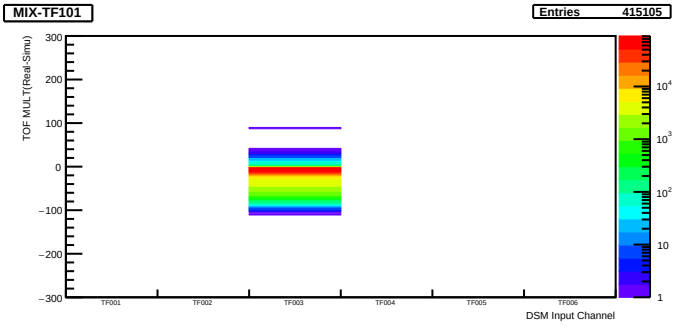

MIX-TF003
Entries 1.024731e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

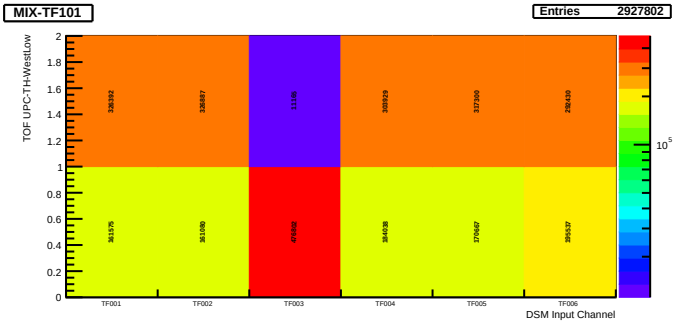

MIX-TF004
Entries 1.024731e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

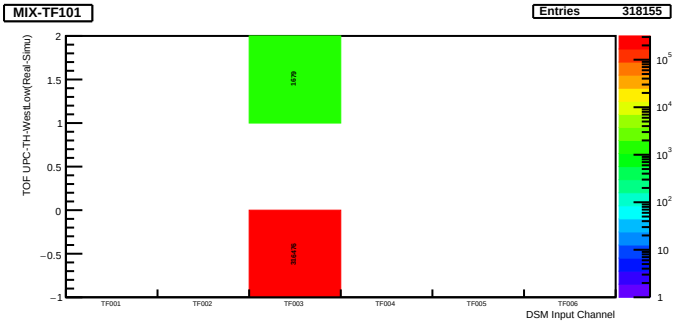

MIX-TF005
Entries 1.024731e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

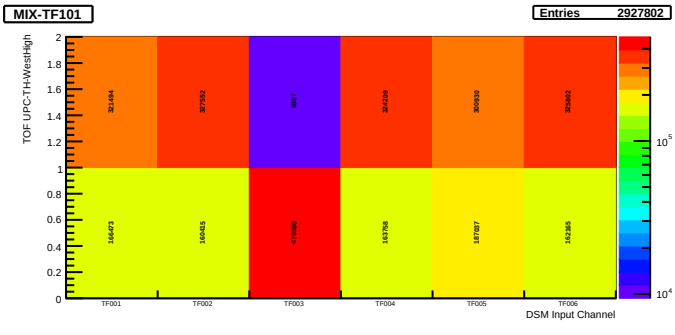

MIX-TF006
Entries 1.024731e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

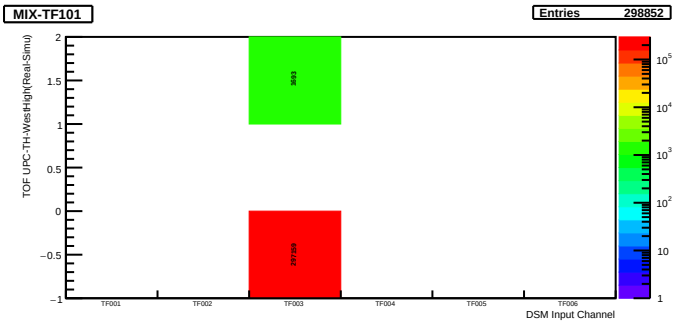

MIX-TF101
Entries 2927802
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

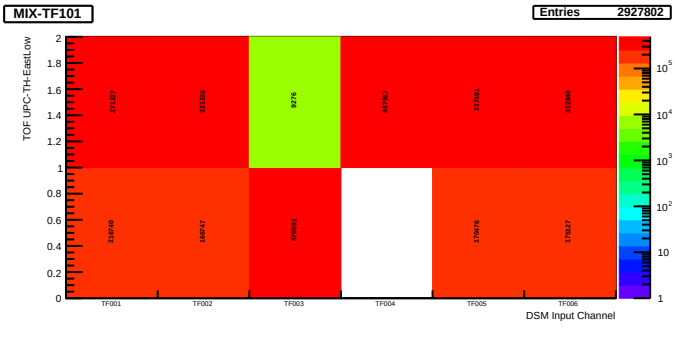

MIX-TF101
Entries 415105
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

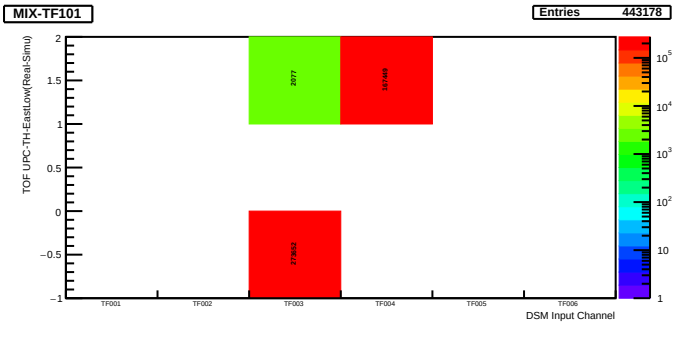

MIX-TF101
Entries 2927802
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

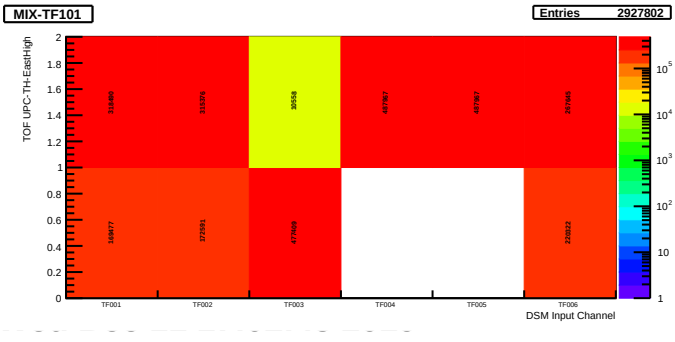

MIX-TF101
Entries 318155
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

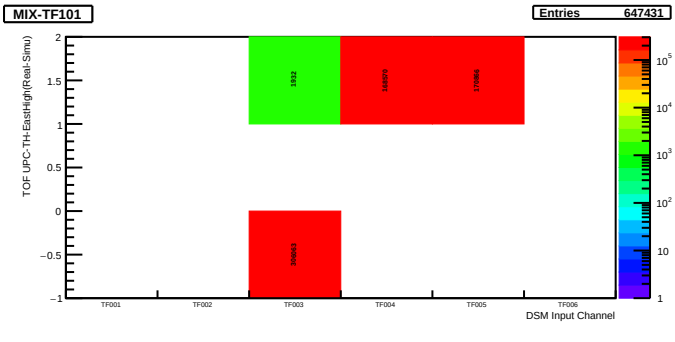

MIX-TF101
Entries 2927802
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

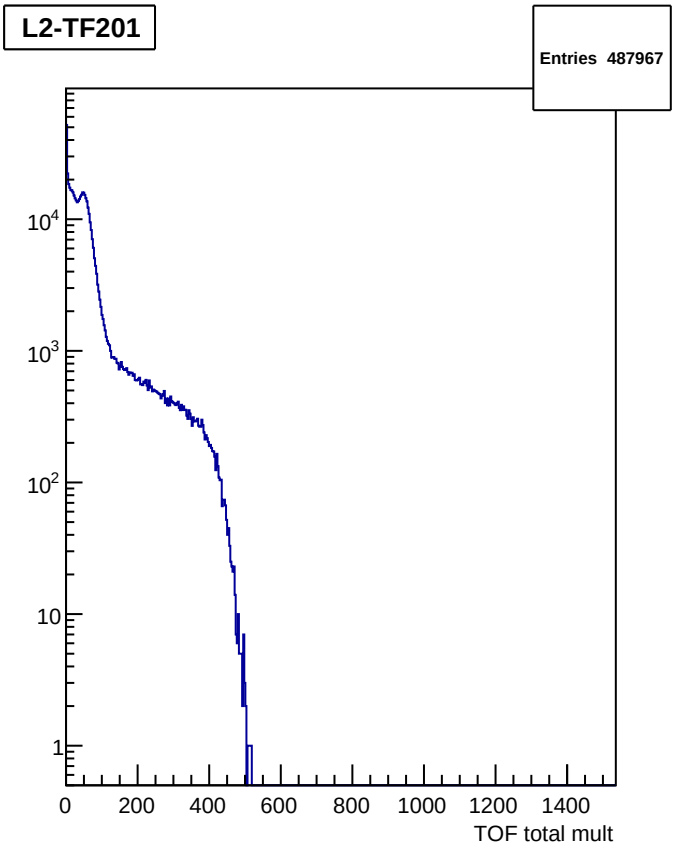

MIX-TF101
Entries 298852
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

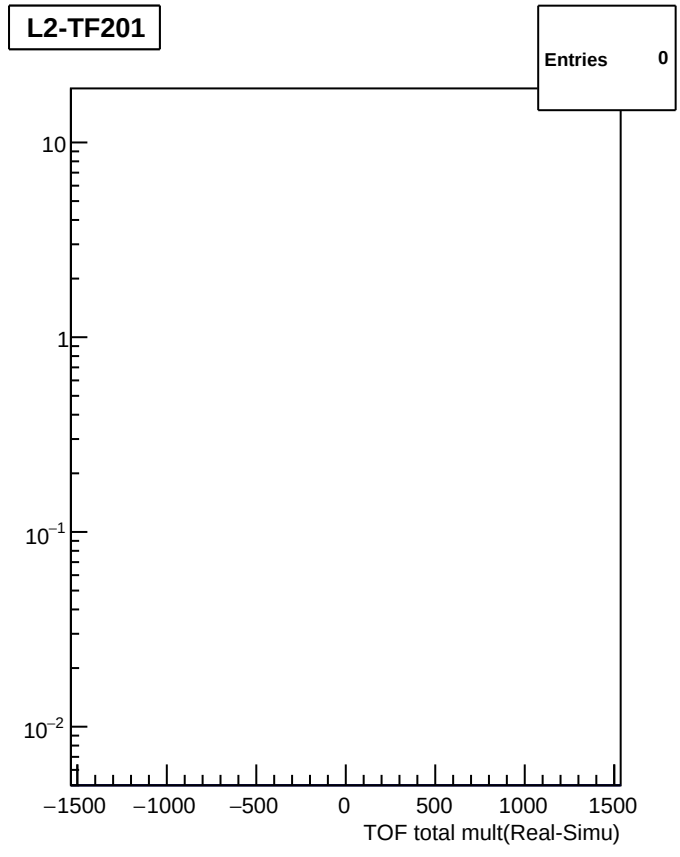

MIX-TF101
Entries 2927802
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

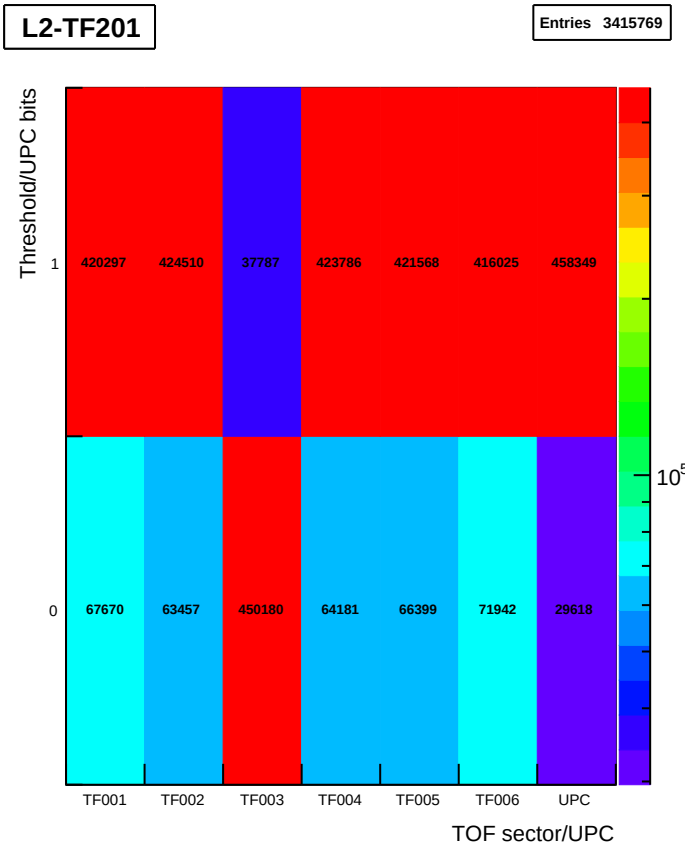

MIX-TF101
Entries 443178
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

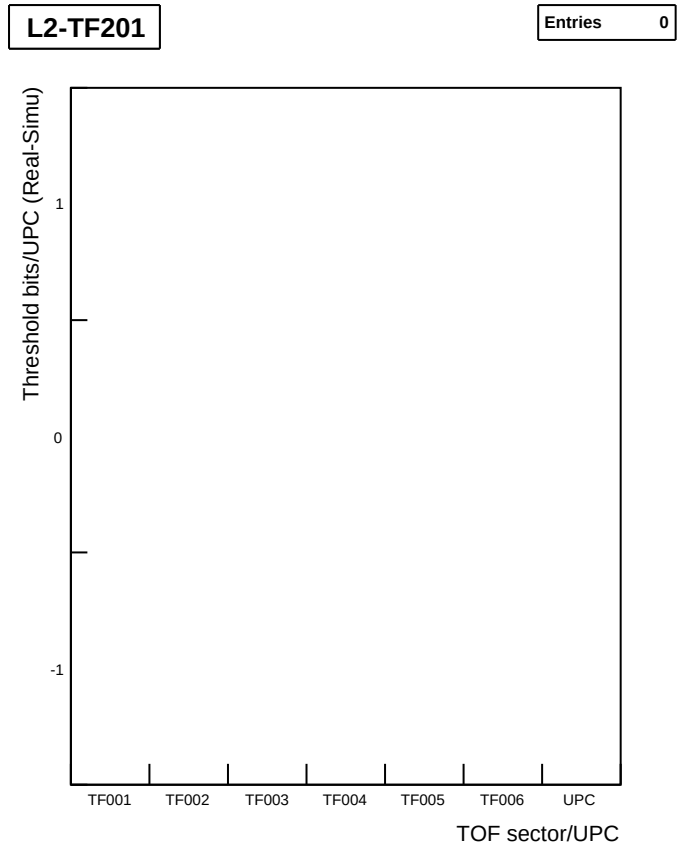

MIX-TF101
Entries 2927802
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

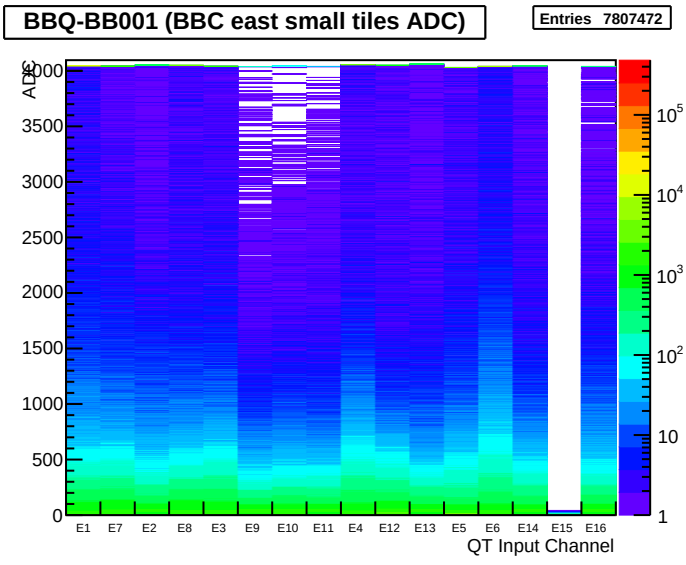

MIX-TF101
Entries 647431
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

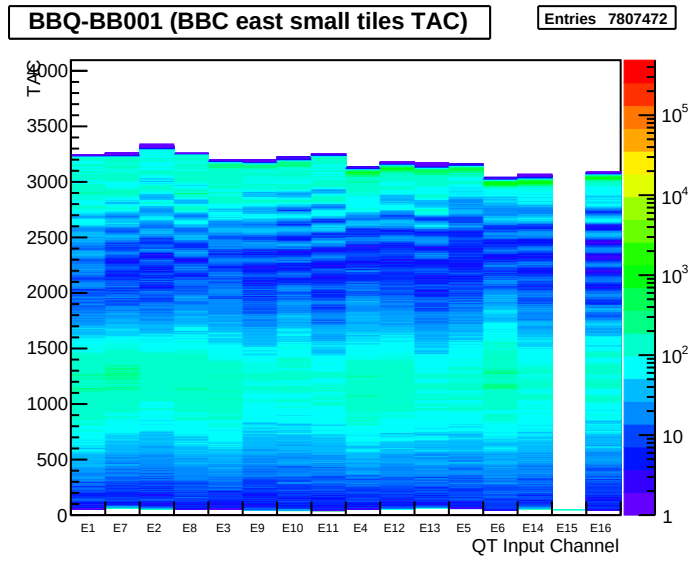

L2-TF201
Entries 487967
TOF total mult

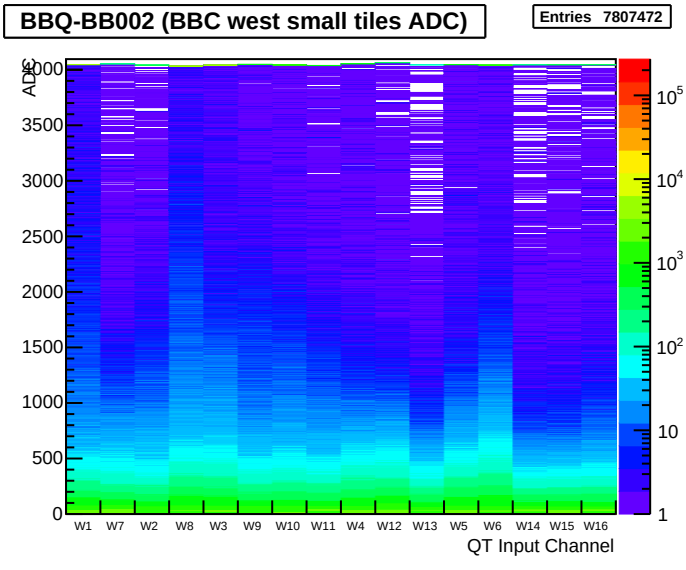

L2-TF201
Entries 0
TOF total mult(Real-Simu)

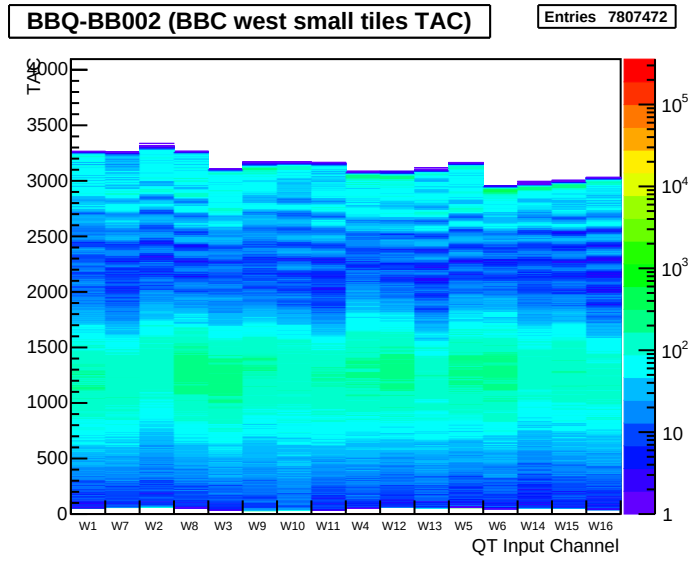

L2-TF201
Entries 3415769
Threshold/UPC bits
420297
424510
37787
423786
421568
416025
458349
67670
63457
450180
64181
66399
71942
29618
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

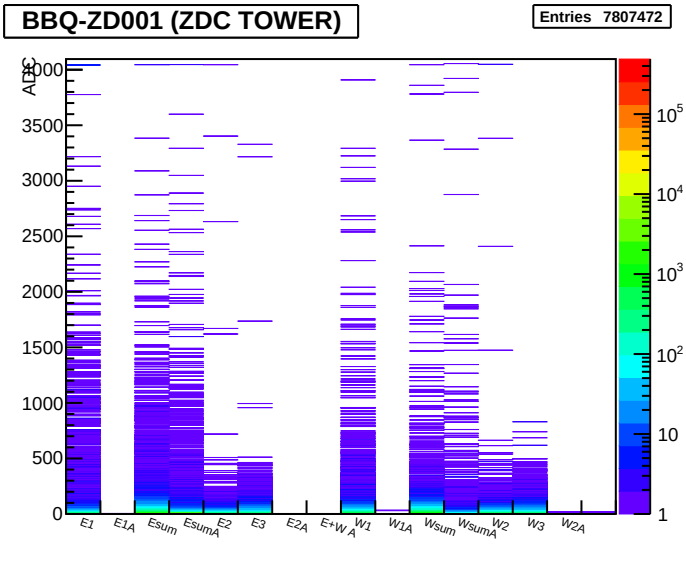

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

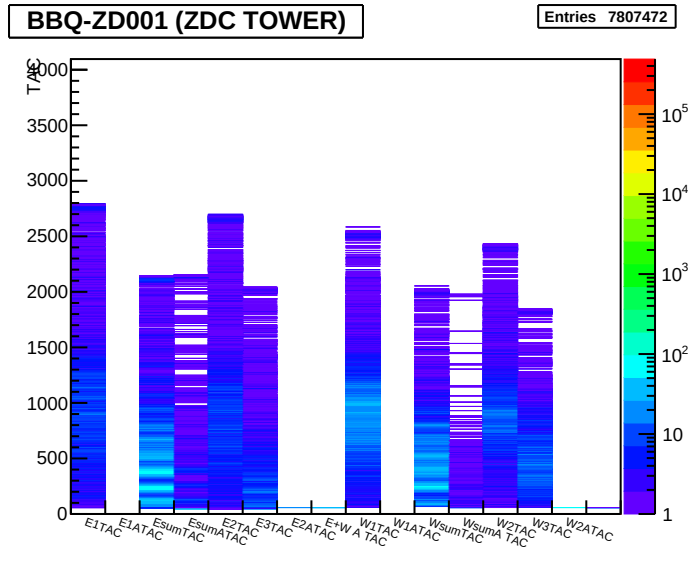

BBQ-BB001 (BBC east small tiles ADC)
Entries 7807472
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

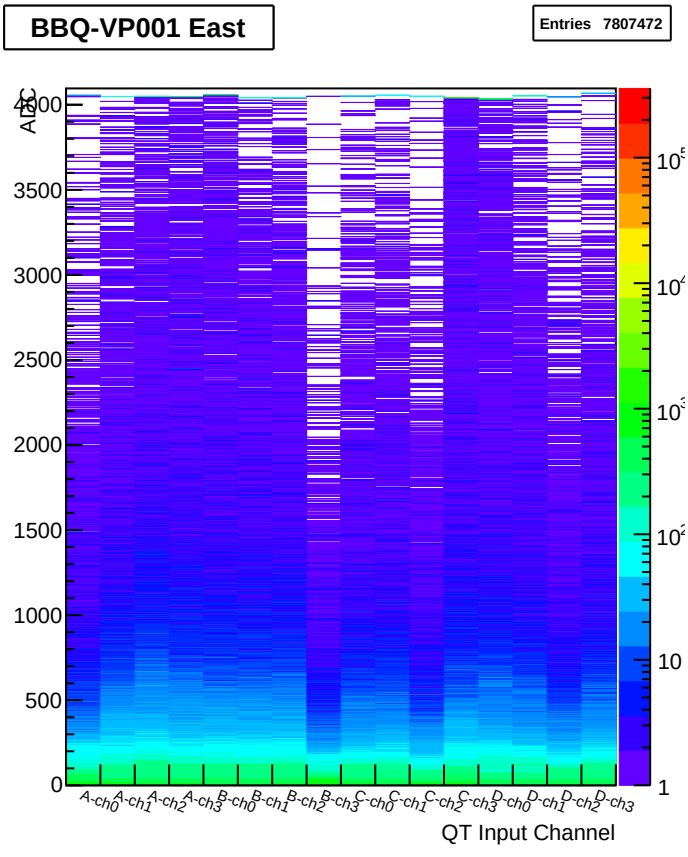

BBQ-BB001 (BBC east small tiles TAC)
Entries 7807472
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

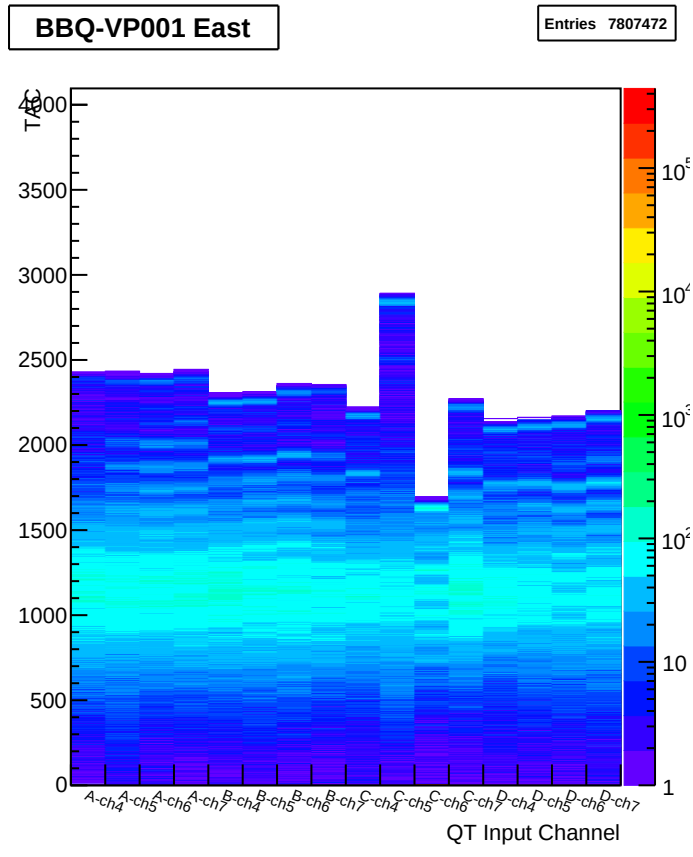

BBQ-BB002 (BBC west small tiles ADC)
Entries 7807472
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

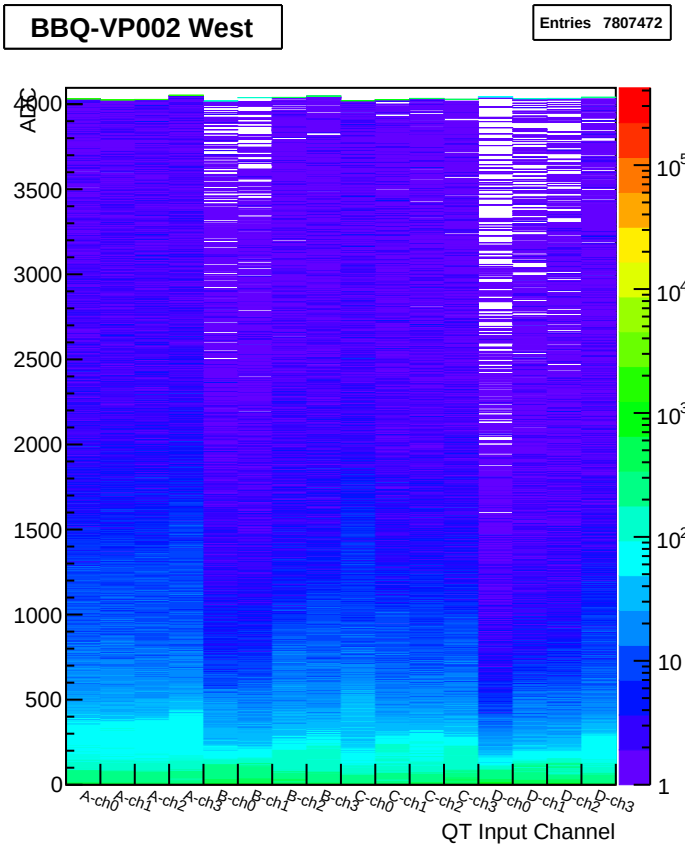

BBQ-BB002 (BBC west small tiles TAC)
Entries 7807472
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

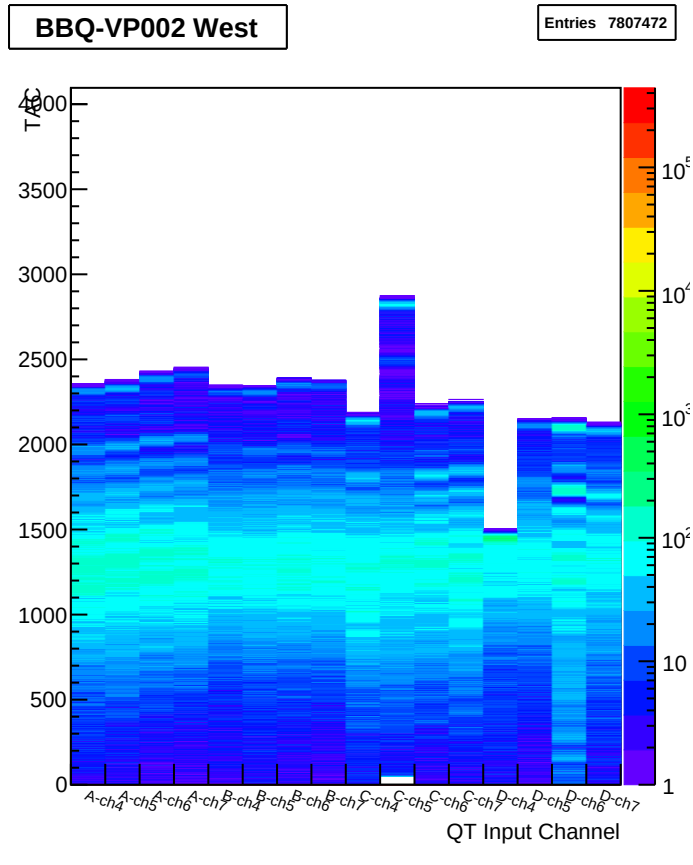

BBQ-ZD001 (ZDC TOWER)
Entries 7807472
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

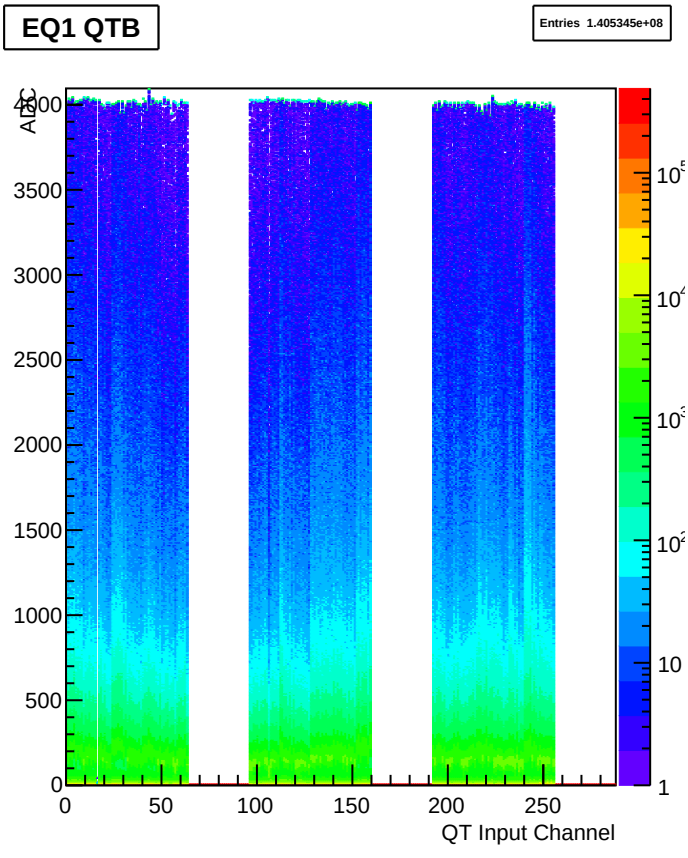

BBQ-ZD001 (ZDC TOWER)
Entries 7807472
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

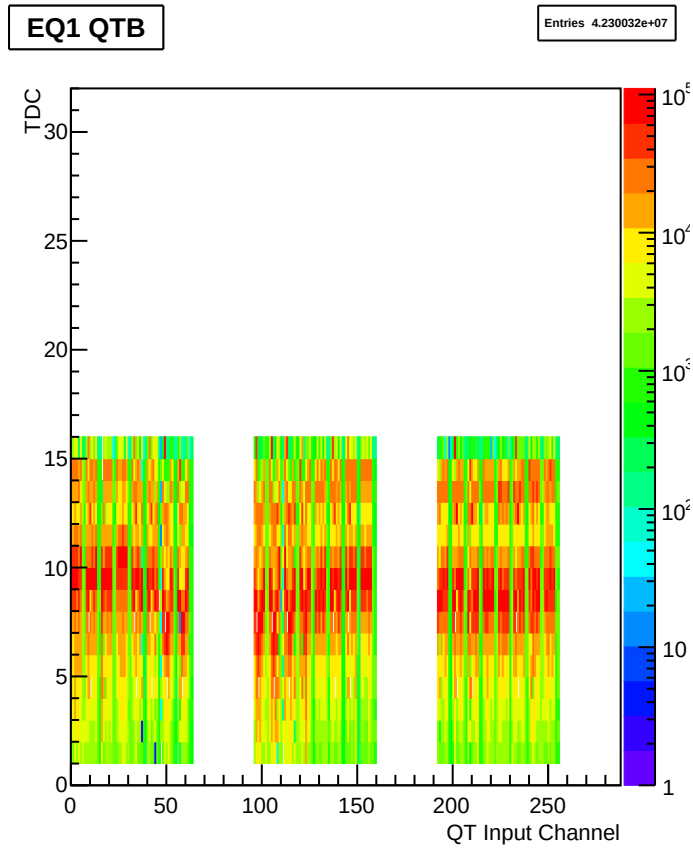

BBQ-VP001 East
Entries 7807472
ADC
QT Input Channel

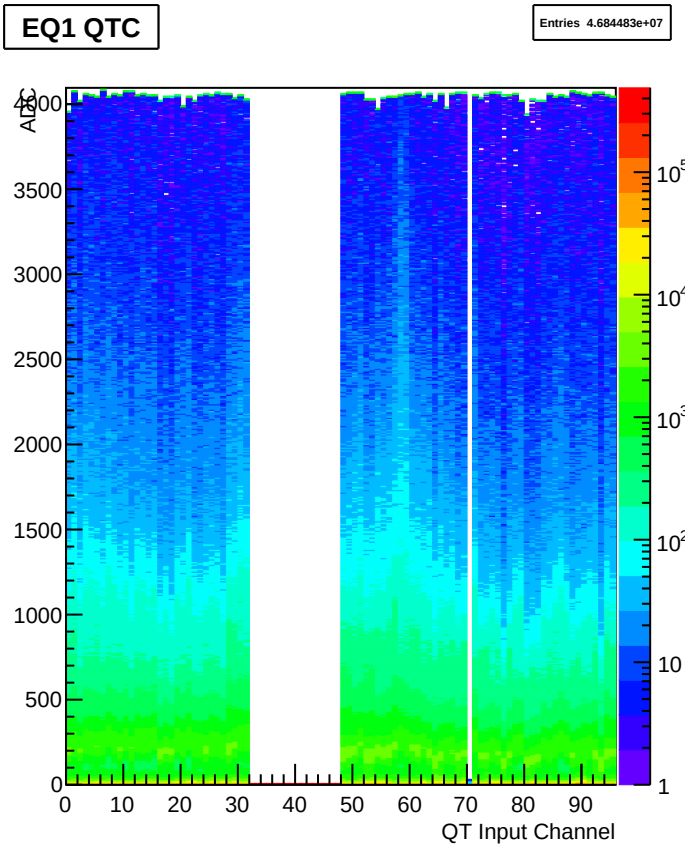

BBQ-VP001 East
Entries 7807472
ADC
QT Input Channel

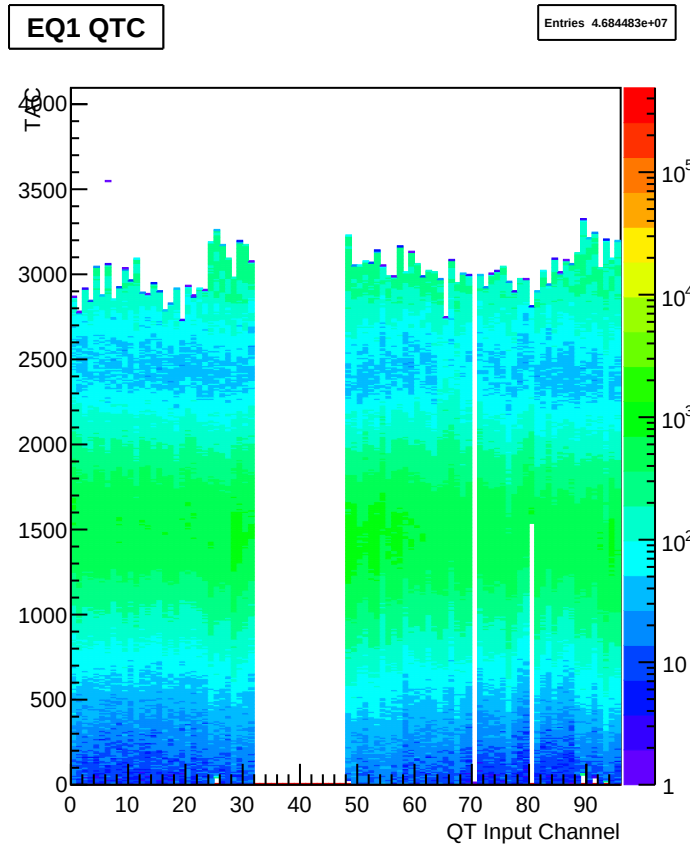

BBQ-VP002 West
Entries 7807472
ADC
QT Input Channel

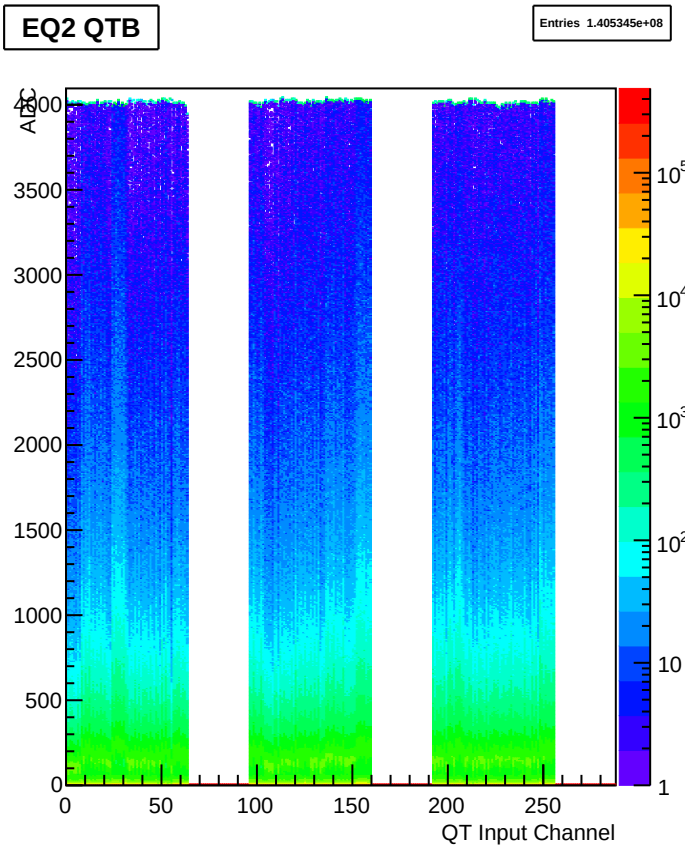

BBQ-VP002 West
Entries 7807472
ADC
QT Input Channel

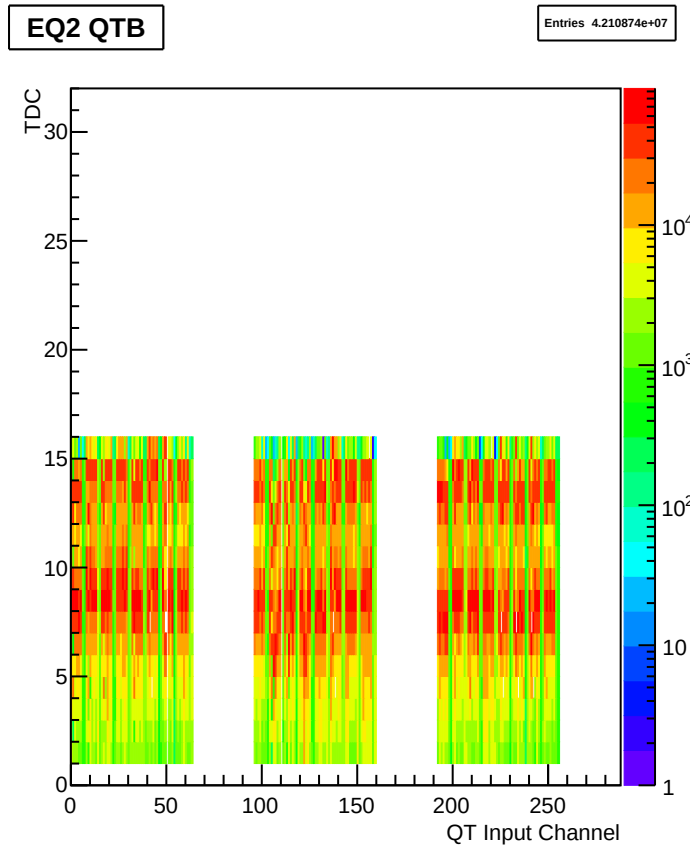

EQ1 QTB
Entries 1.405345e+08
ADC
QT Input Channel

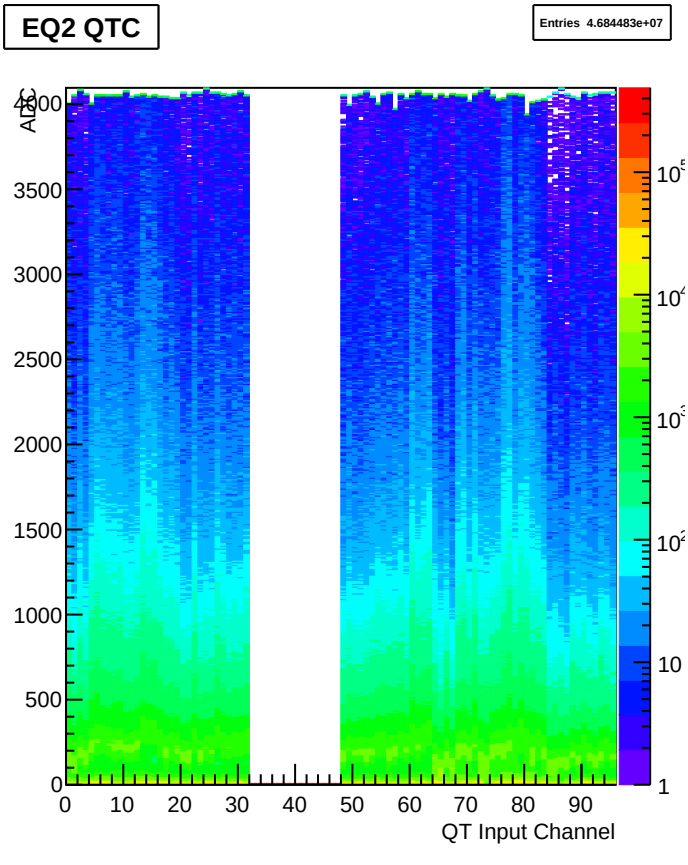

EQ1 QTB
Entries 4.230032e+07
TDC
QT Input Channel

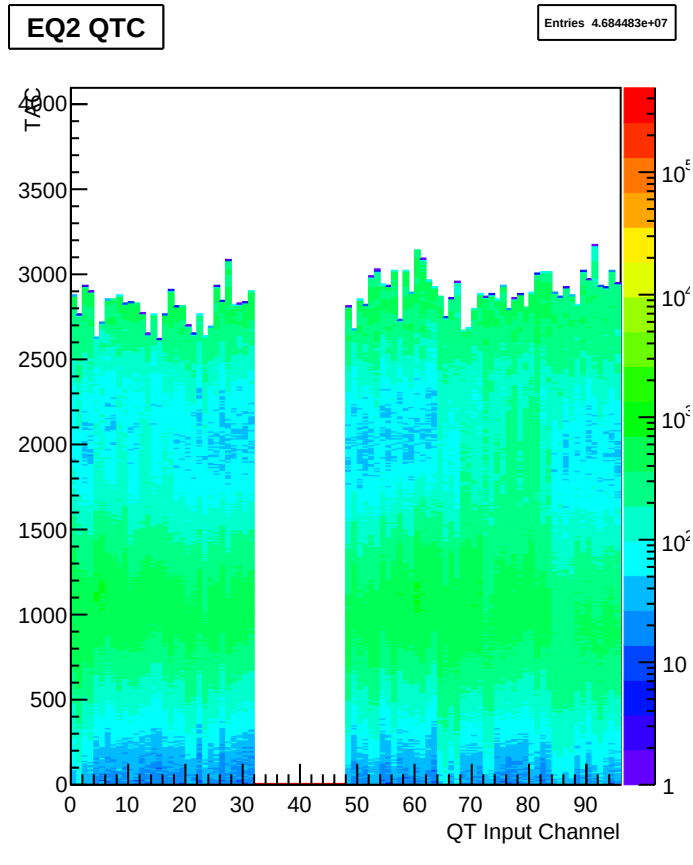

EQ1 QTC
Entries 4.684483e+07
ADC
QT Input Channel

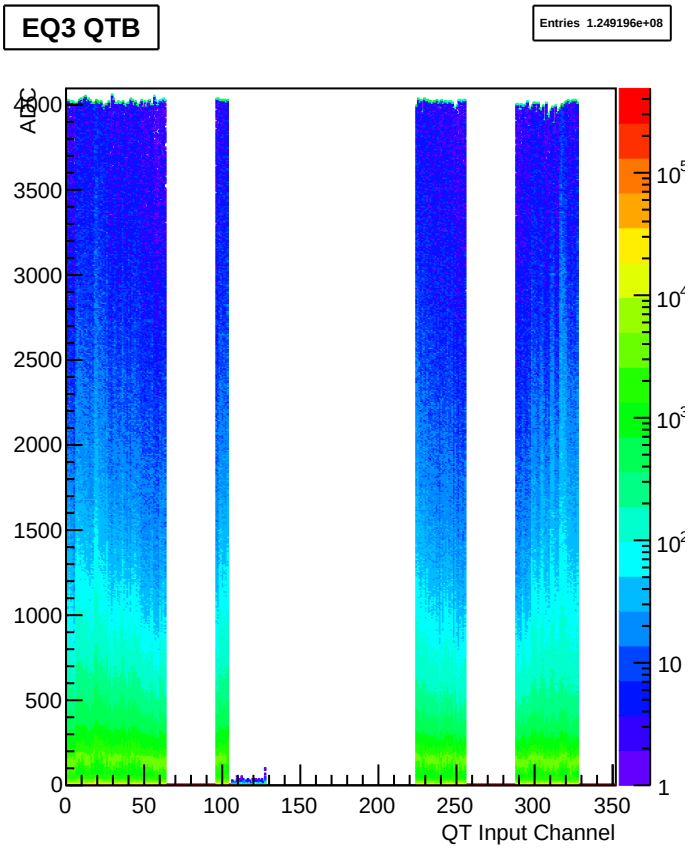

EQ1 QTC
Entries 4.684483e+07
TADC
QT Input Channel

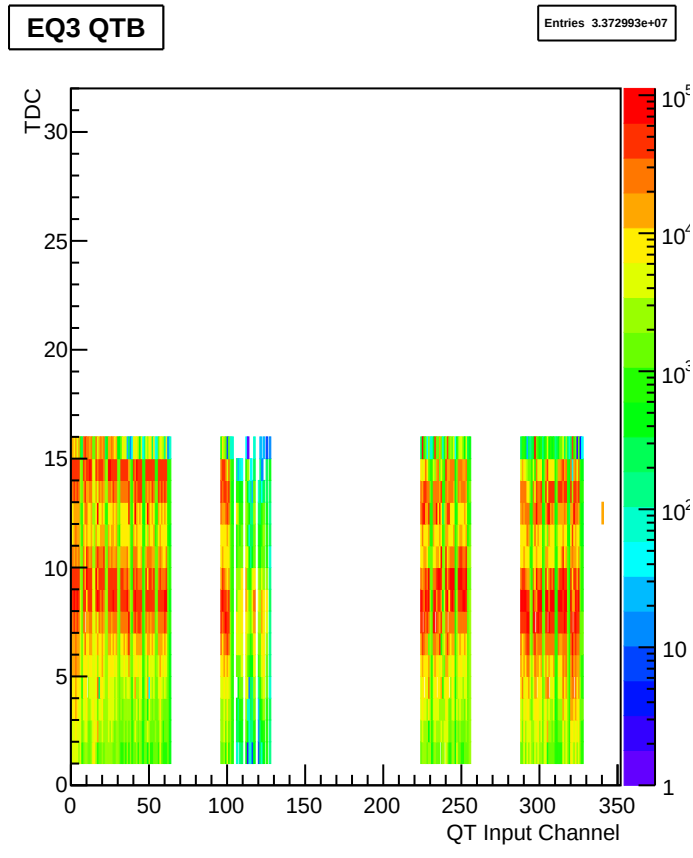

EQ2 QTB
Entries 1.405345e+08
ADC
QT Input Channel

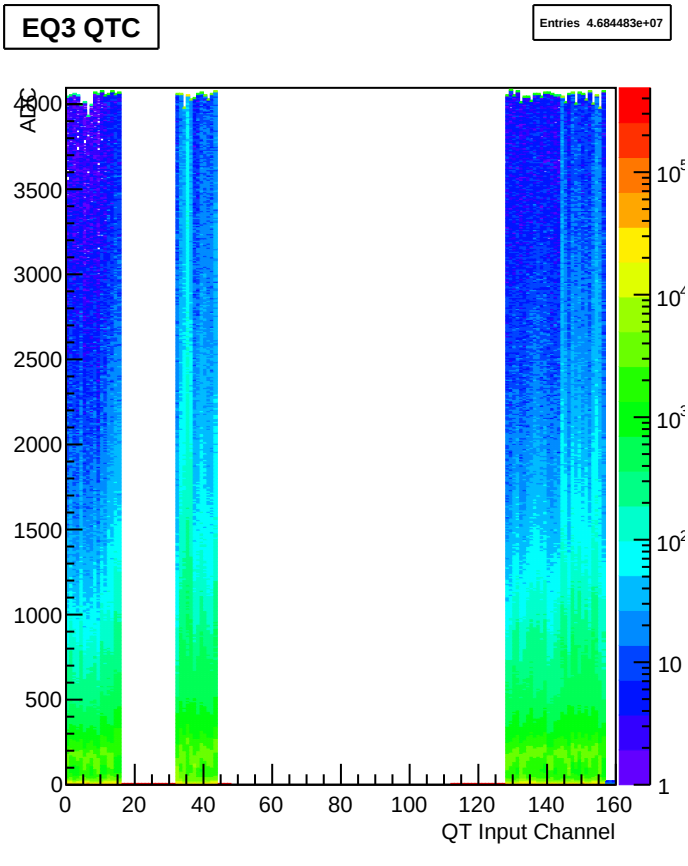

EQ2 QTB
Entries 4.210874e+07
TDC
QT Input Channel

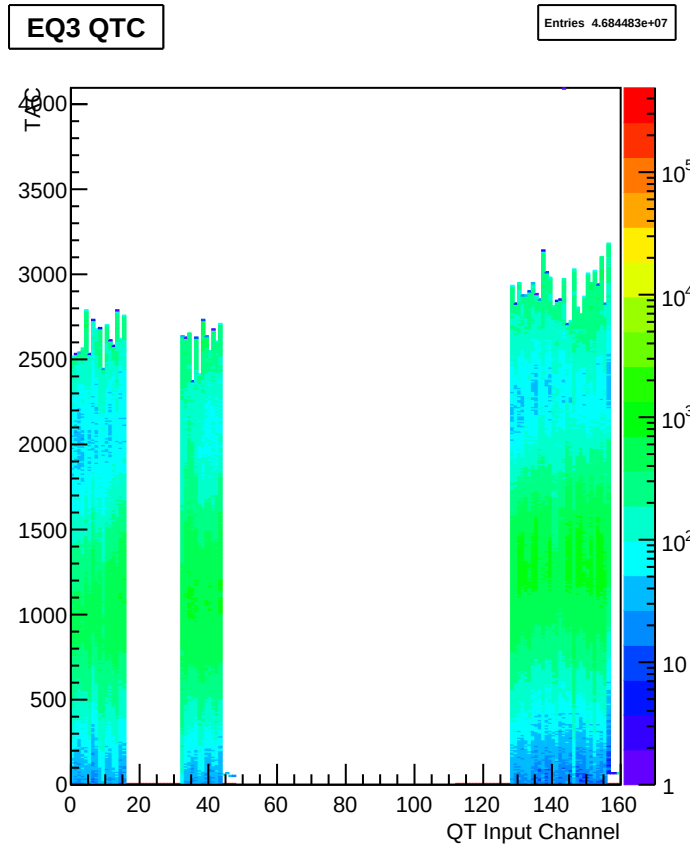

EQ2 QTC
Entries 4.684483e+07
ADC
QT Input Channel

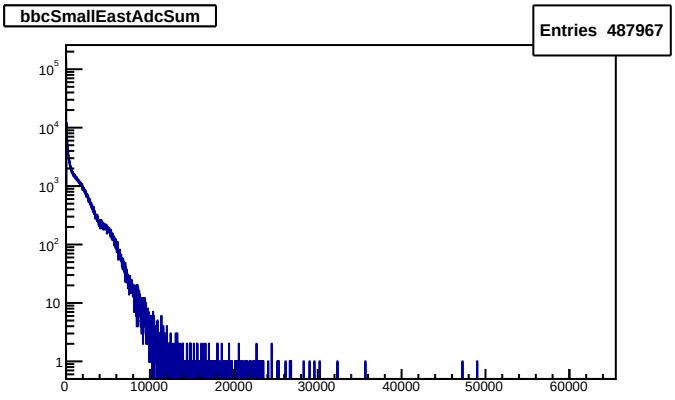

EQ2 QTC
Entries 4.684483e+07
TADC
QT Input Channel

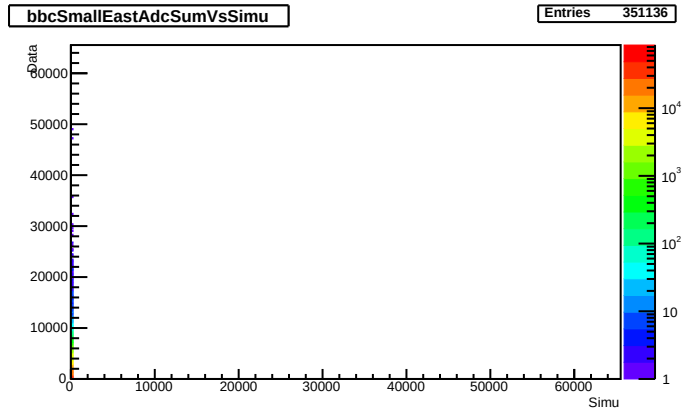

EQ3 QTB
Entries 1.249196e+08
ADC
QT Input Channel

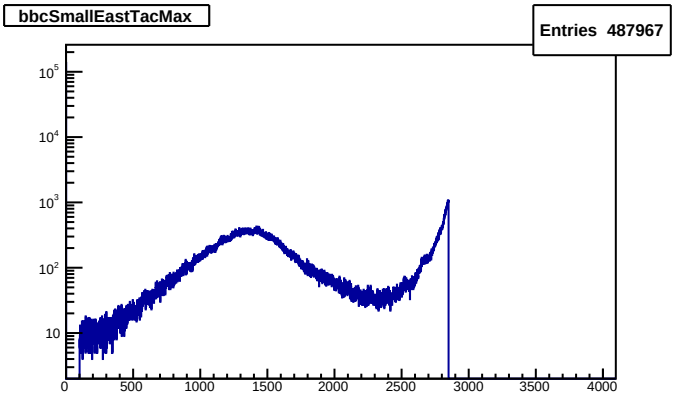

EQ3 QTB
Entries 3.372993e+07
TDC
QT Input Channel

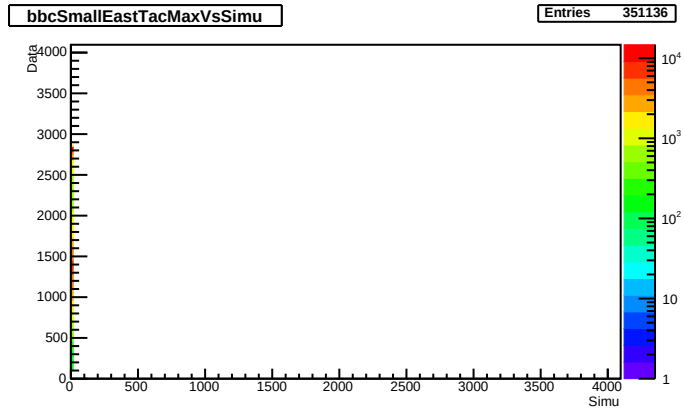

EQ3 QTC
Entries 4.684483e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.684483e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 487967


bbcSmallEastAdcSumVsSimu
Entries 351136
Data
Simu


bbcSmallEastTacMax
Entries 487967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Entries 351136
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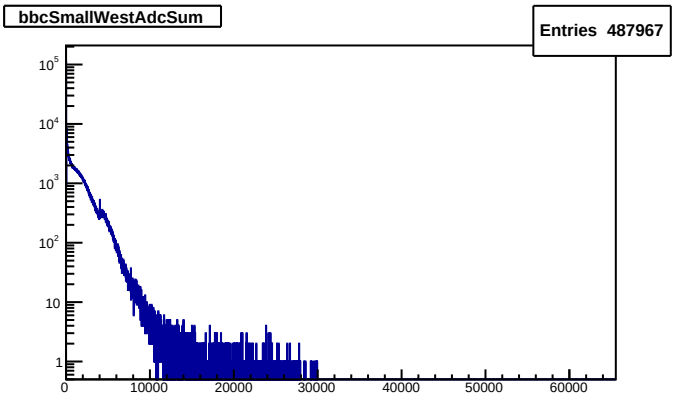
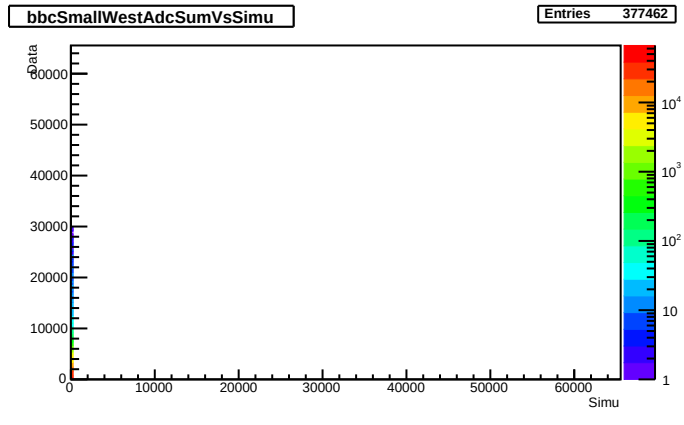
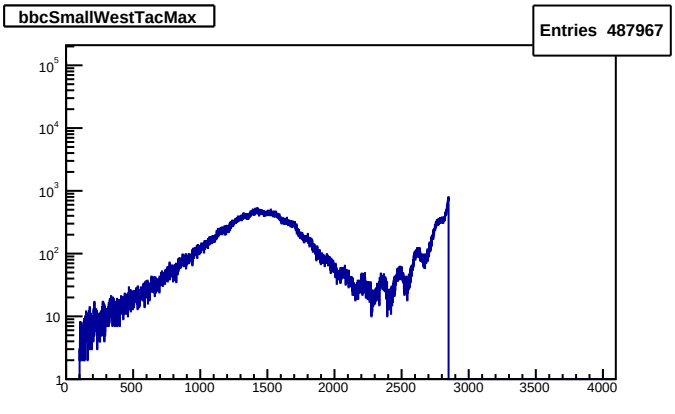
Simu


bbcSmallWestAdcSum
Entries 487967


bbcSmallWestAdcSumVsSimu
Entries 377462
Data
Simu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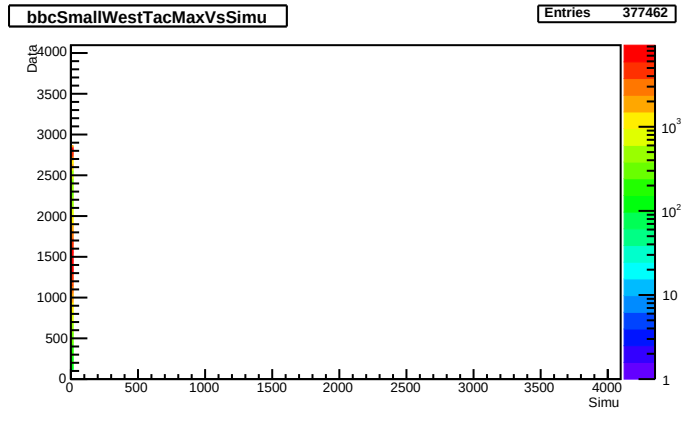
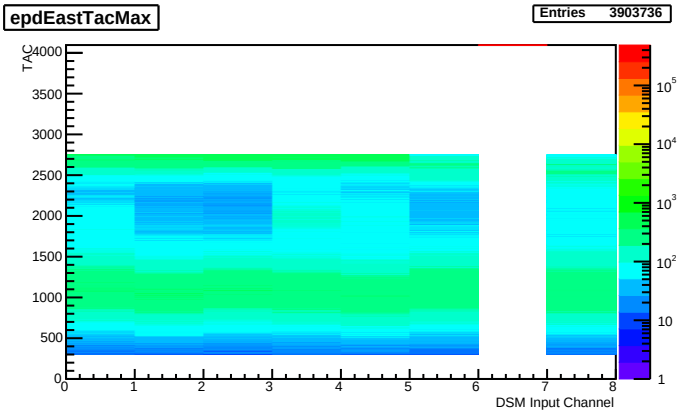

bbcSmallWestTacMaxVsSimu
Entries 377462
Data
Simu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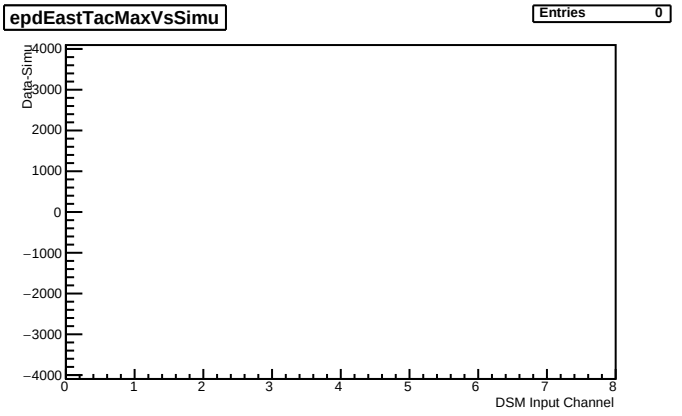
Entries 3903736
TAC
DSM Input Channel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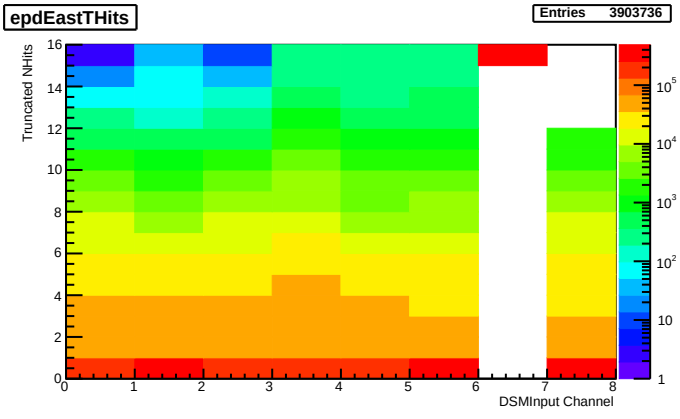
Entries 0
Data-Simu
DSM Input Channel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Entries 3903736
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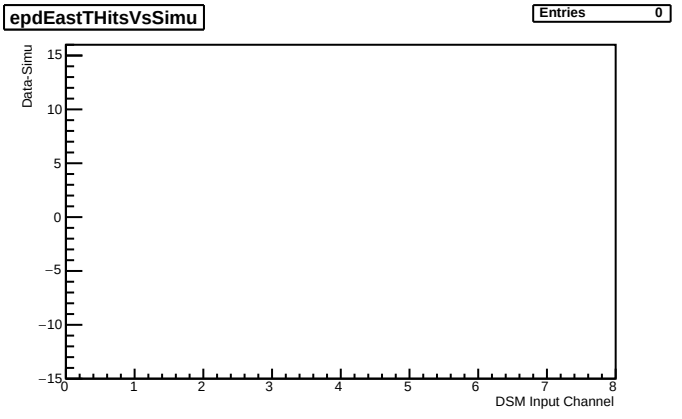
DSMInput Channel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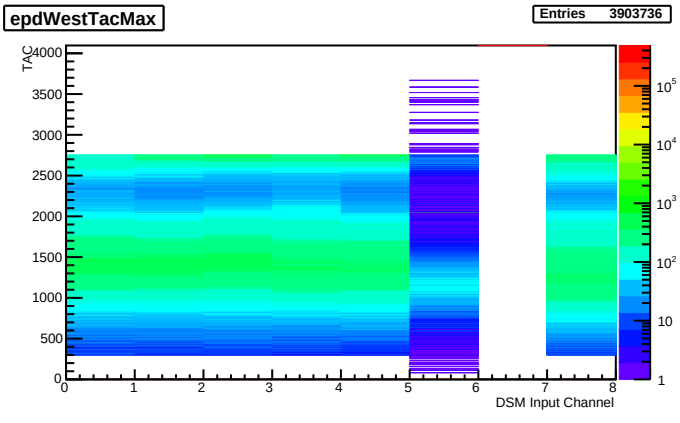
DSM Input Channel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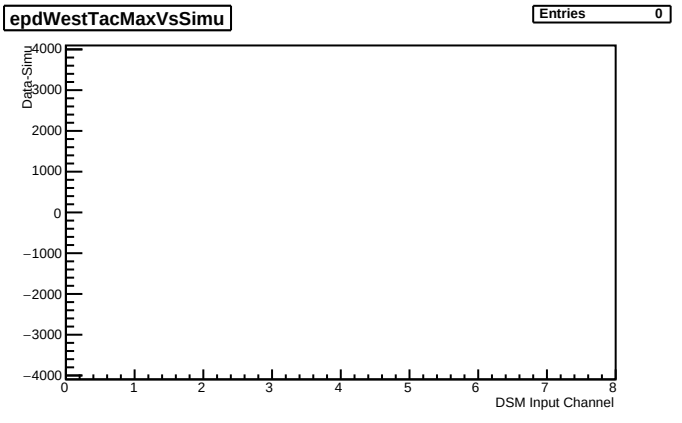
Entries 3903736
TAC
DSM Input Channel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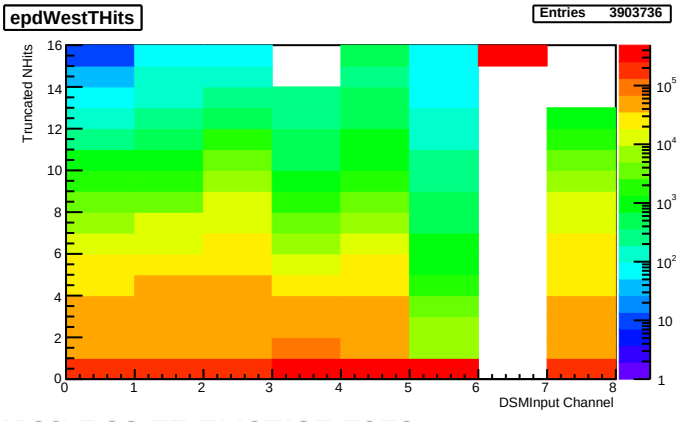
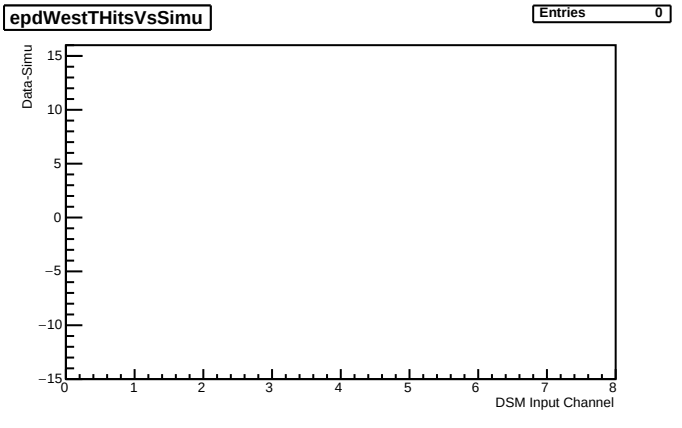
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3903736
Truncated NHits
DSMInput Channel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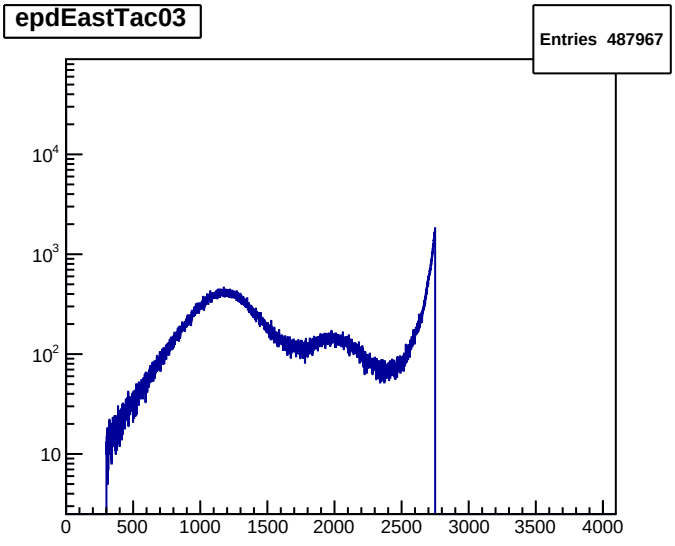
Entries 0
Data-Simu
DSM Input Channel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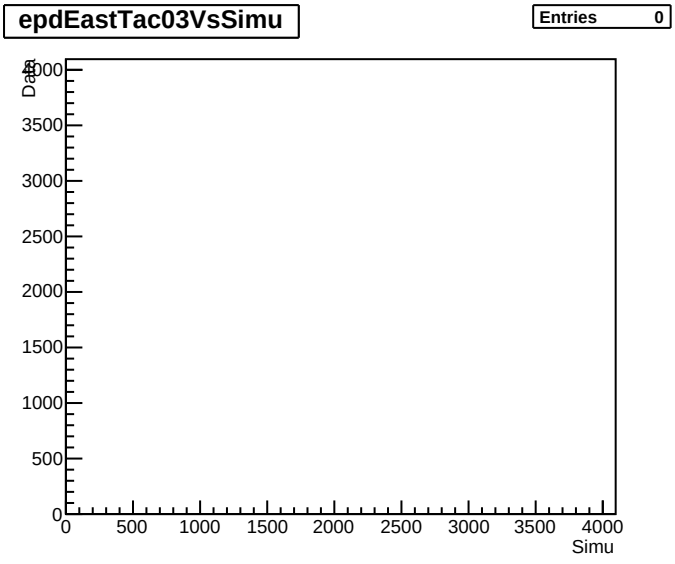
Entries 487967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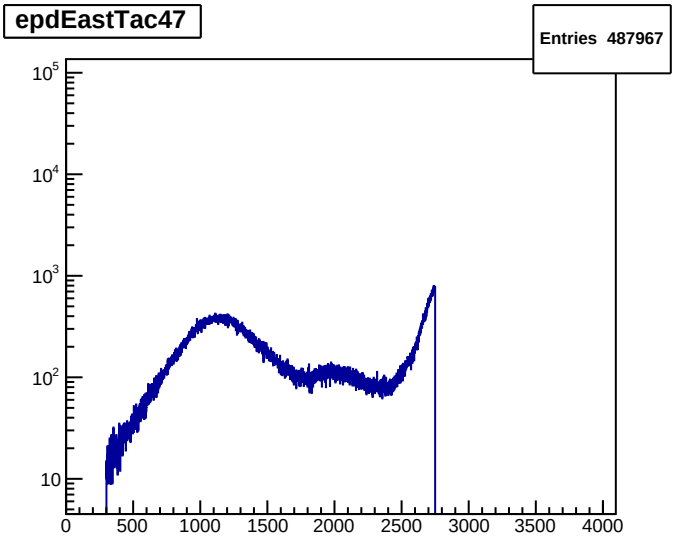
Entries 0
Data
Simu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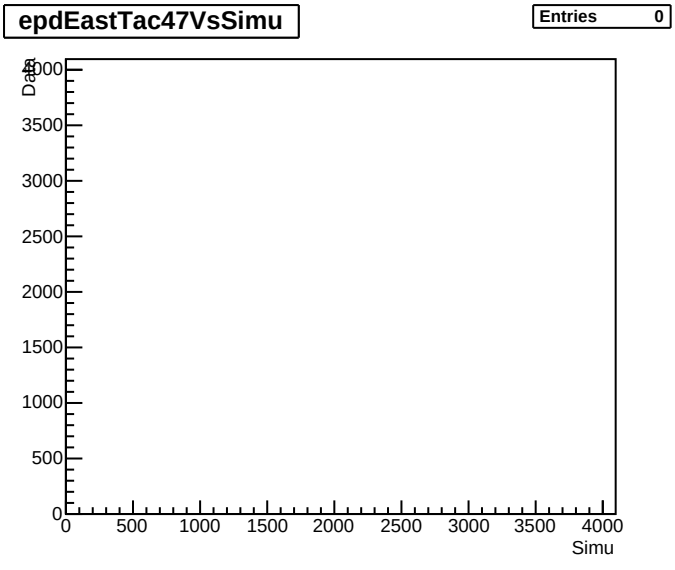
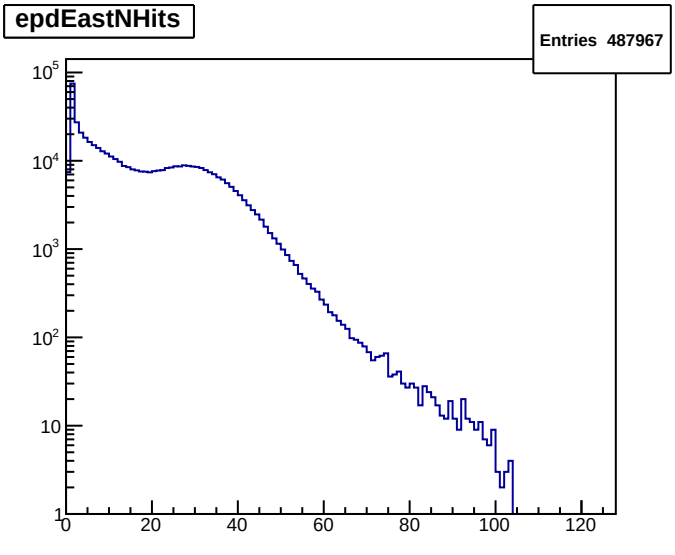
Entries 487967


epdEastTac47VsSimu
Entries 0
Data
Simu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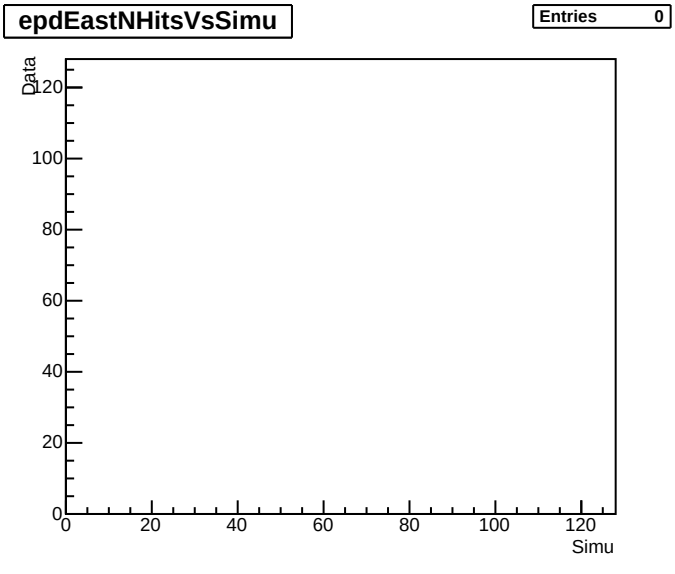
Entries 487967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Entries 0
Data
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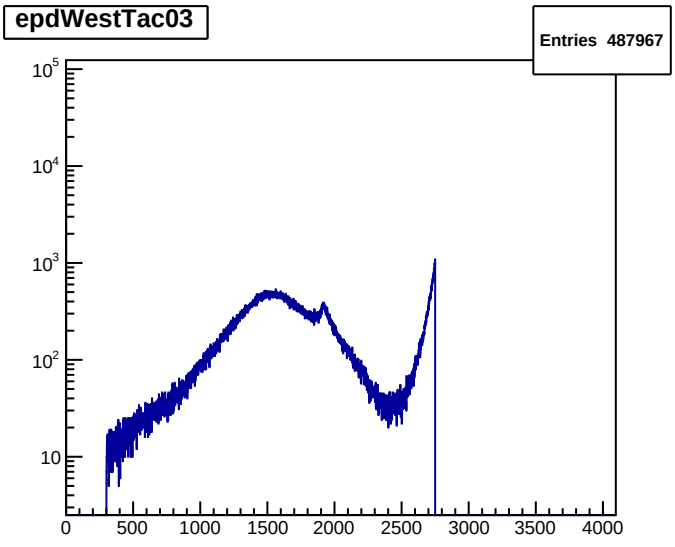
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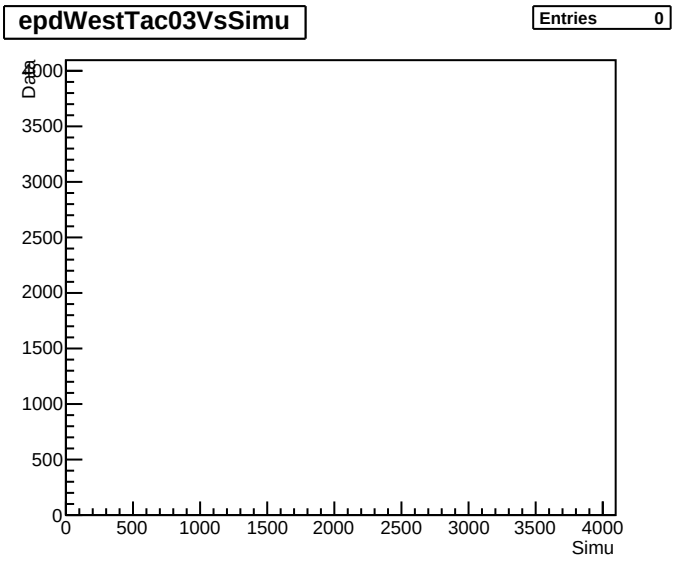
Entries 487967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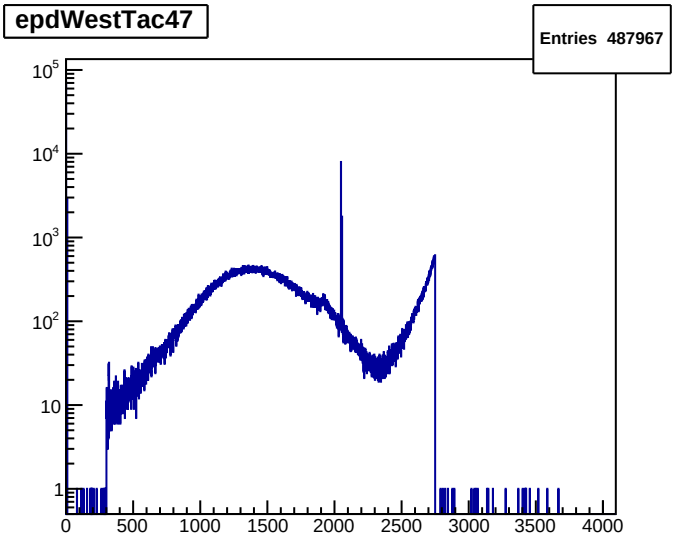
Entries 0
Data
Simu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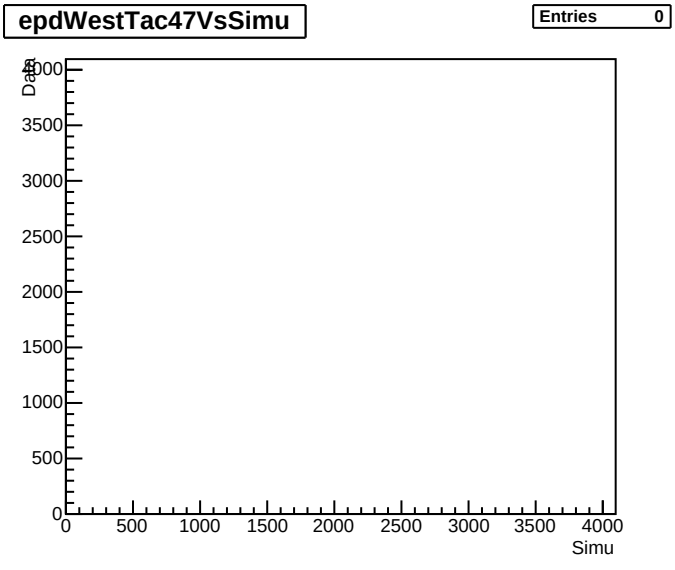
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Entries 0
Data
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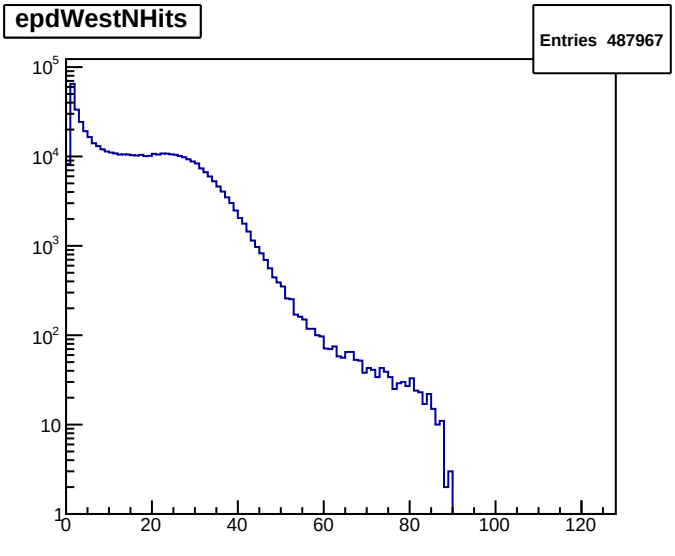
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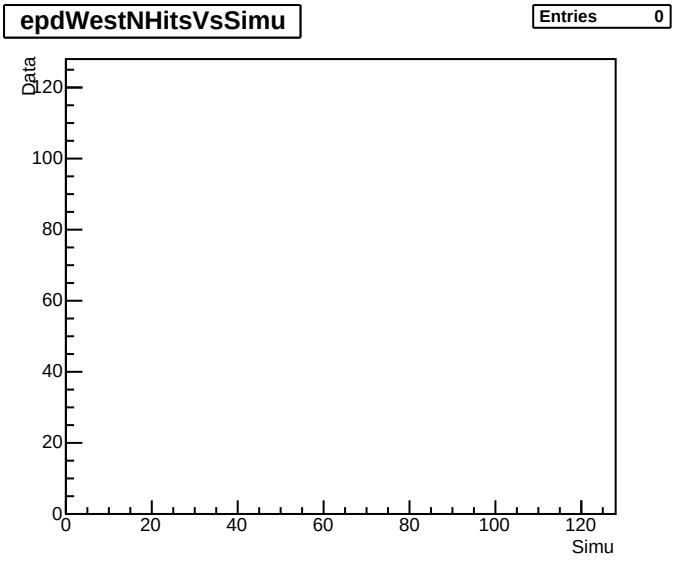
Entries 487967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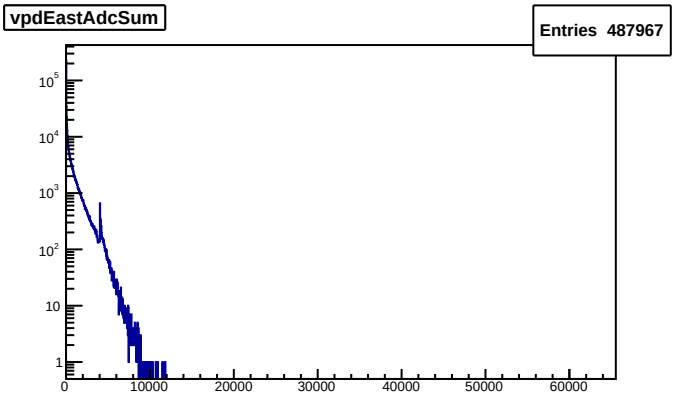
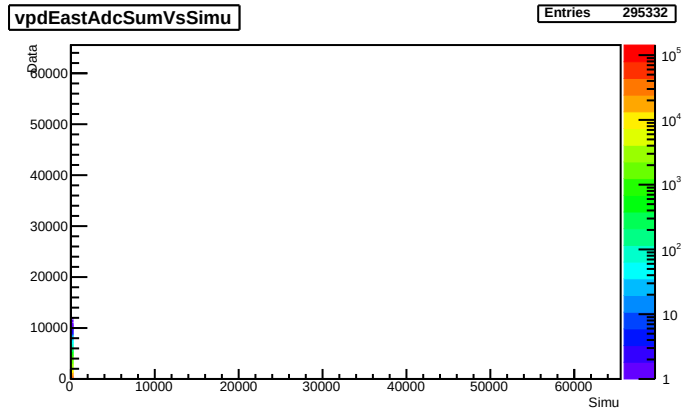
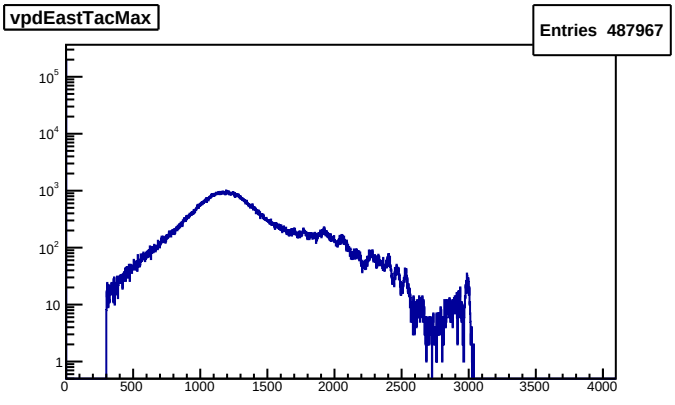
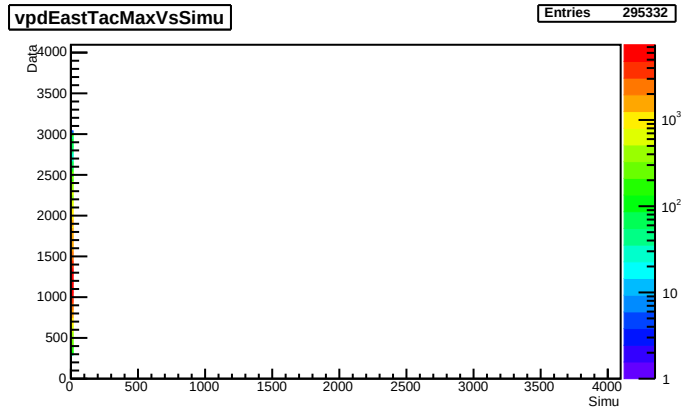
Entries 0
Data
Simu


vpdEastAdcSum
Entries 487967


vpdEastAdcSumVsSimu
Entries 295332
Data
Simu


vpdEastTacMax
Entries 487967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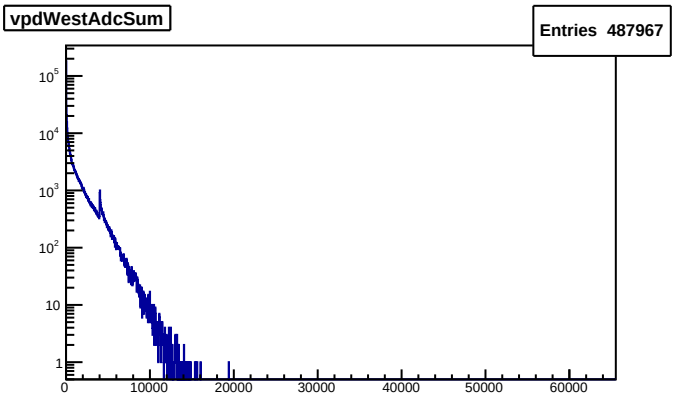
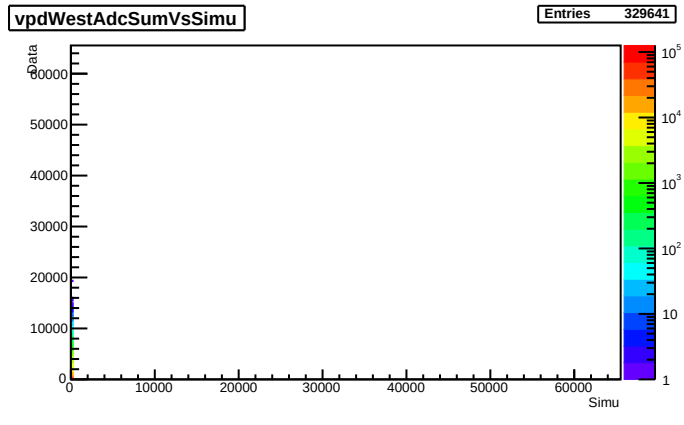
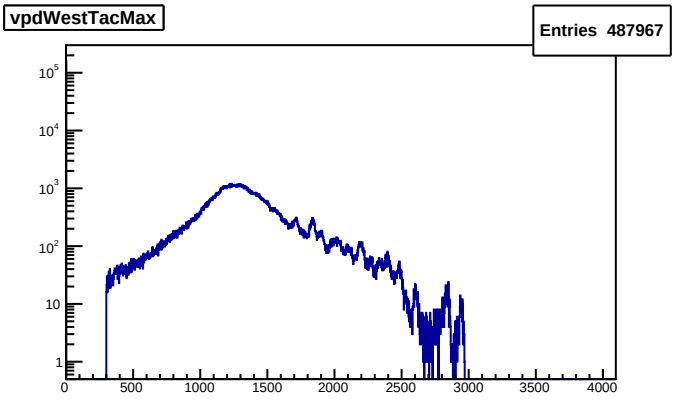
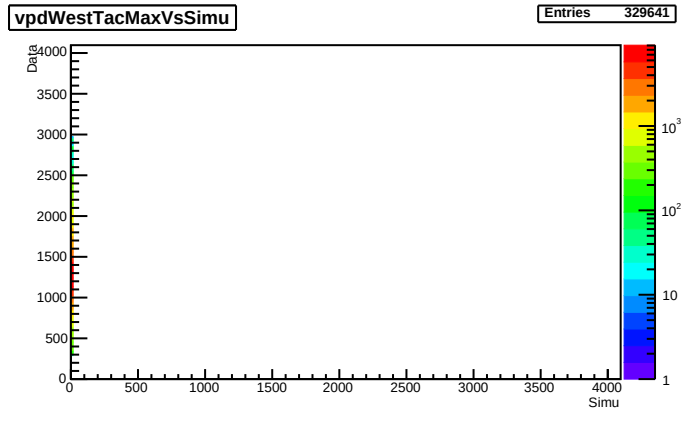
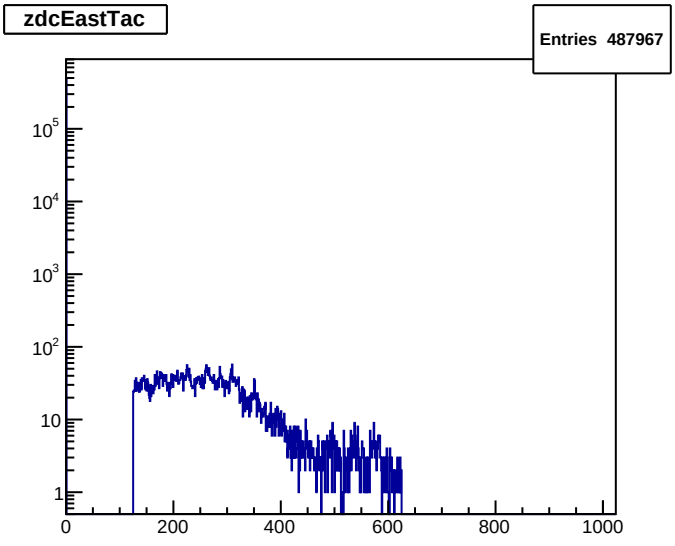
Entries 295332
Data
Simu

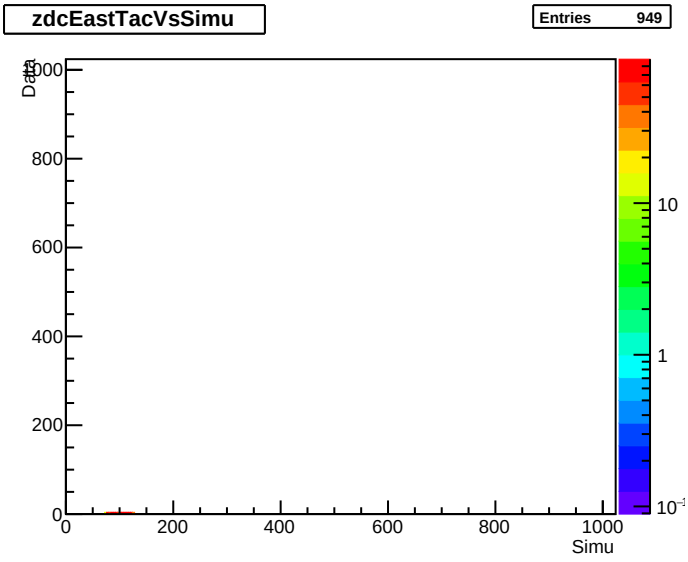

vpdWestAdcSum
Entries 487967

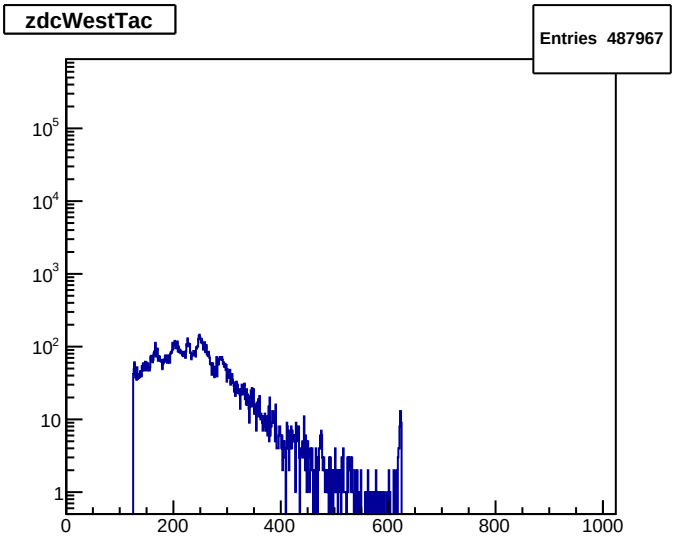

vpdWestAdcSumVsSimu
Entries 329641
Data
Simu

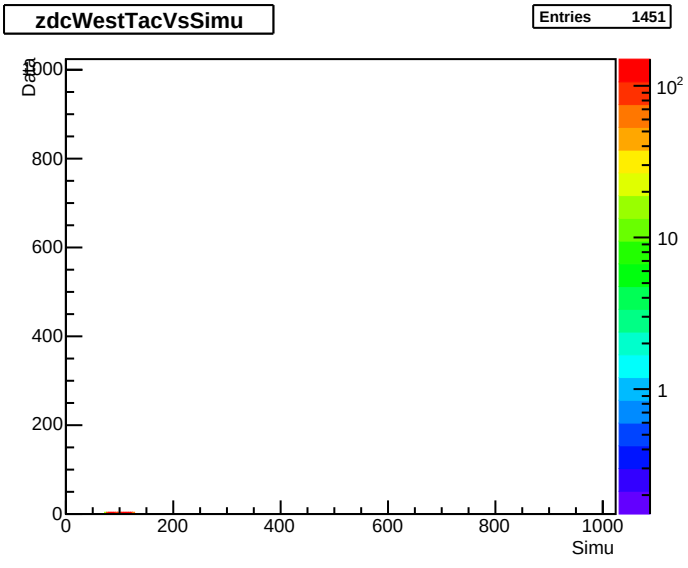

vpdWestTacMax
Entries 487967

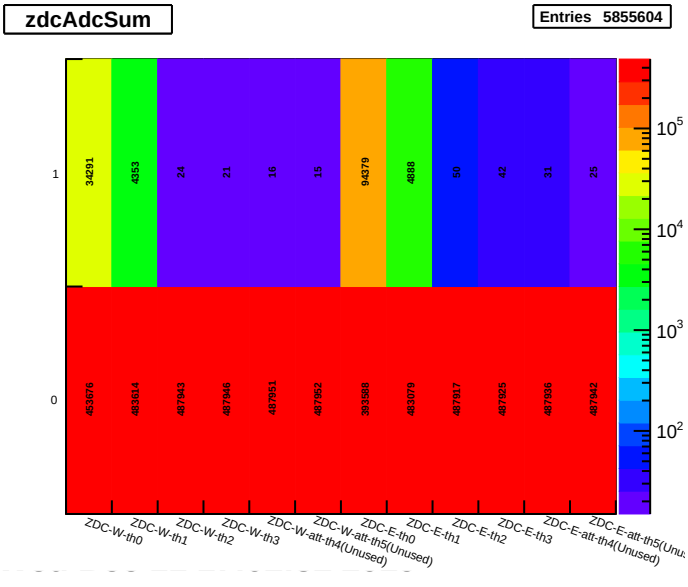

vpdWestTacMaxVsSimu
Entries 329641
Data
Simu

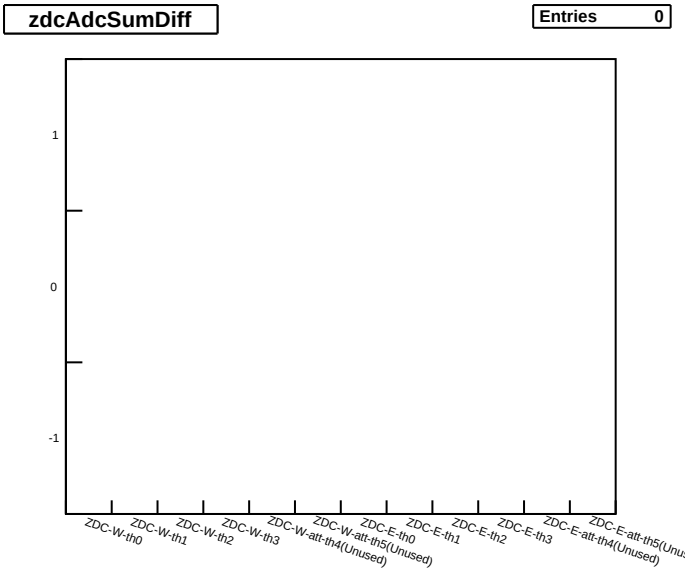

zdcEastTac
Entries 487967

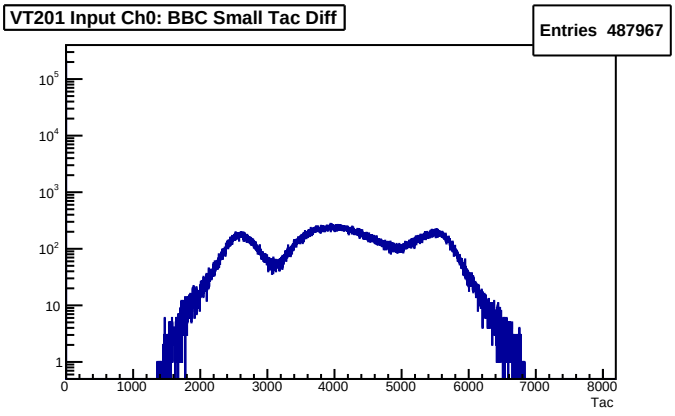

zdcEastTacVsSimu
Entries 949
Data
Simu

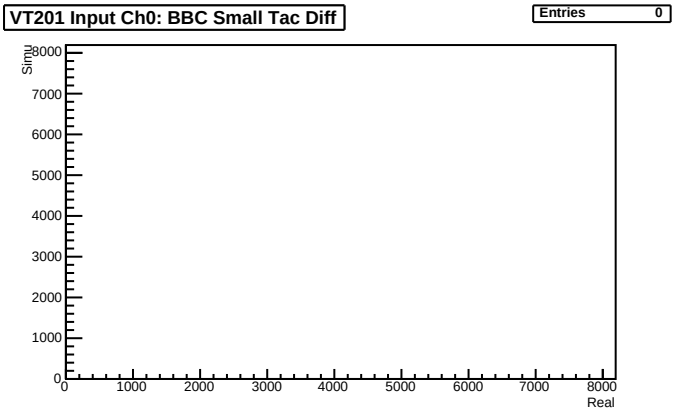

zdcWestTac
Entries 487967

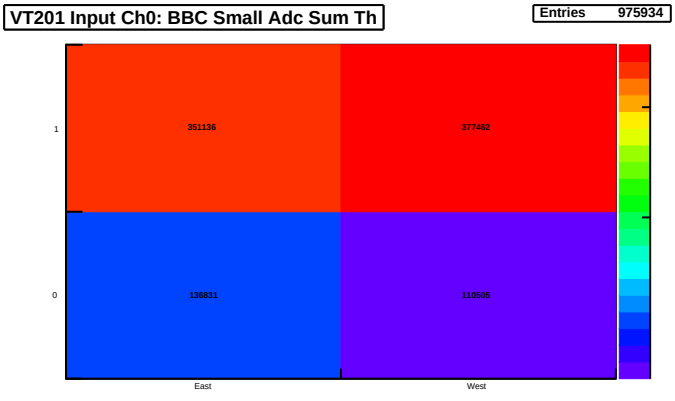

zdcWestTacVsSimu
Entries 1451
Data
Simu

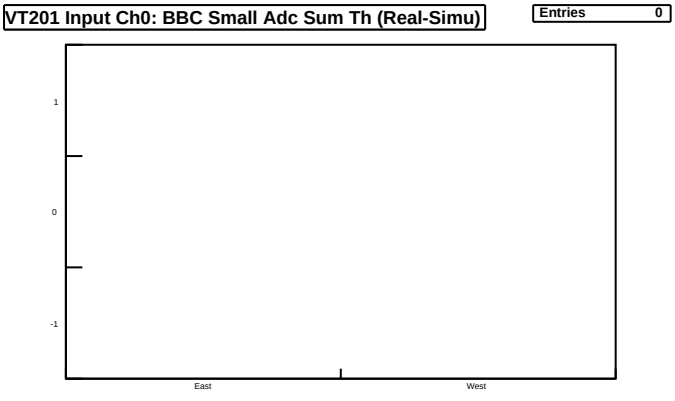

zdcAdcSum
Entries 5855604
34291
4353
24
21
16
15
94379
4888
50
42
31
25
453676
483614
487943
487946
487951
487952
393588
483079
487917
487925
487936
487942
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

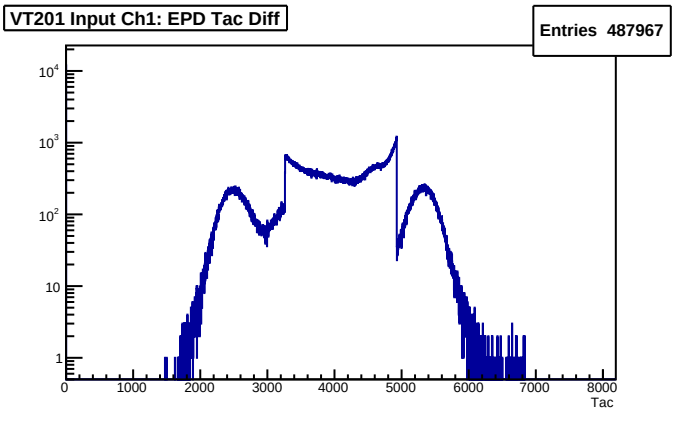

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

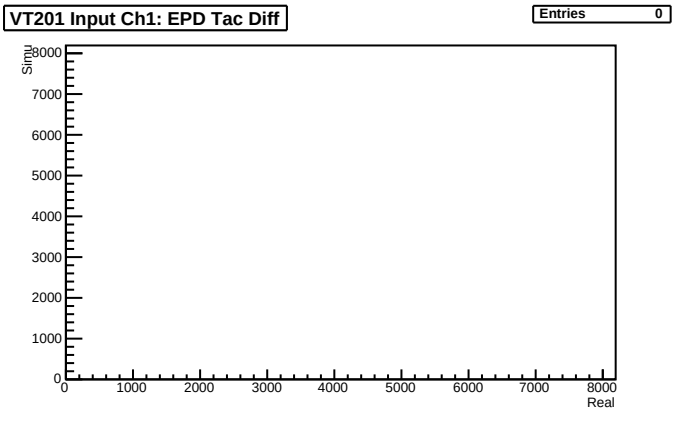

VT201 Input Ch0: BBC Small Tac Diff
Entries 487967
Tac

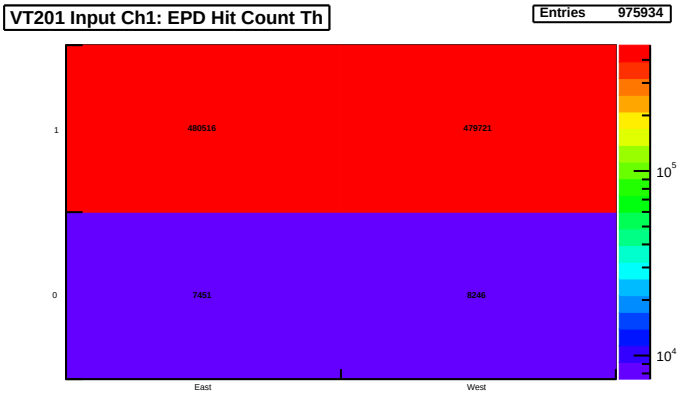

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

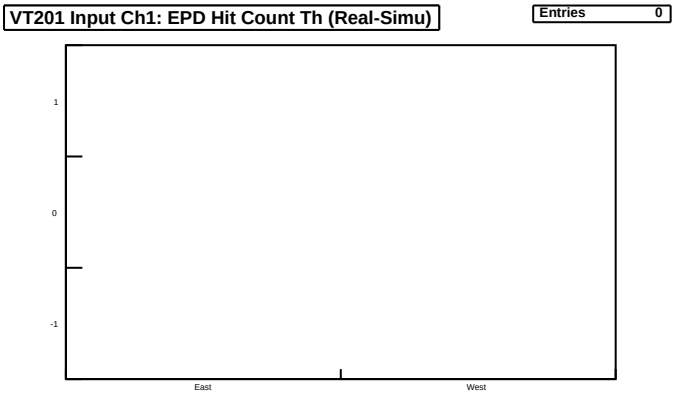

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 975934
351136
377462
136831
110505
East
West

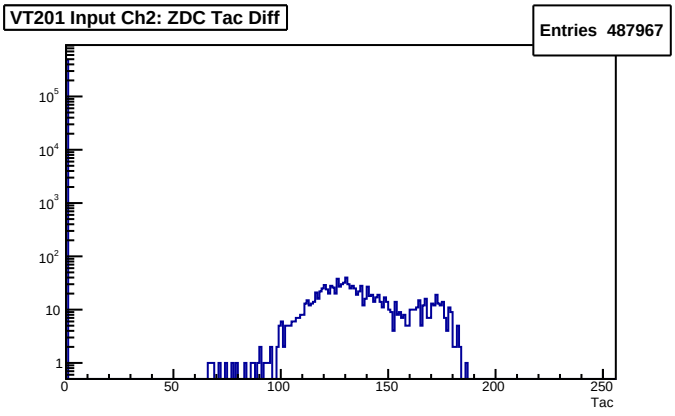

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

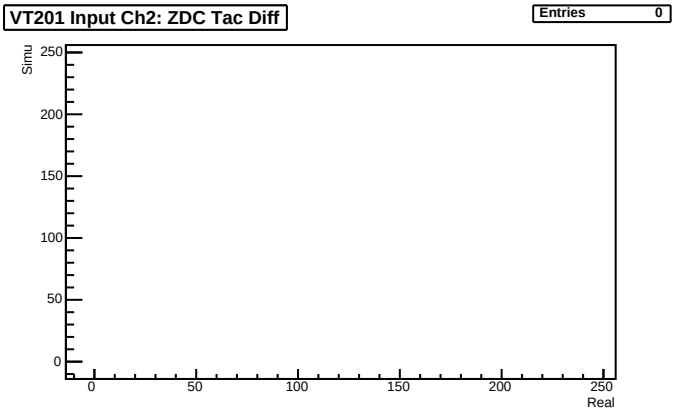

VT201 Input Ch1: EPD Tac Diff
Entries 487967
Tac

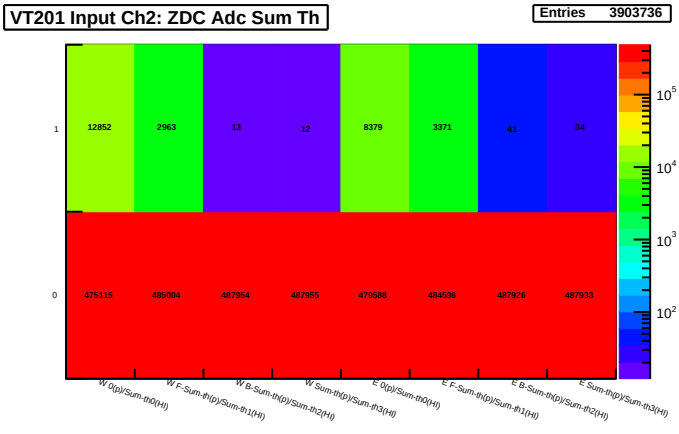

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

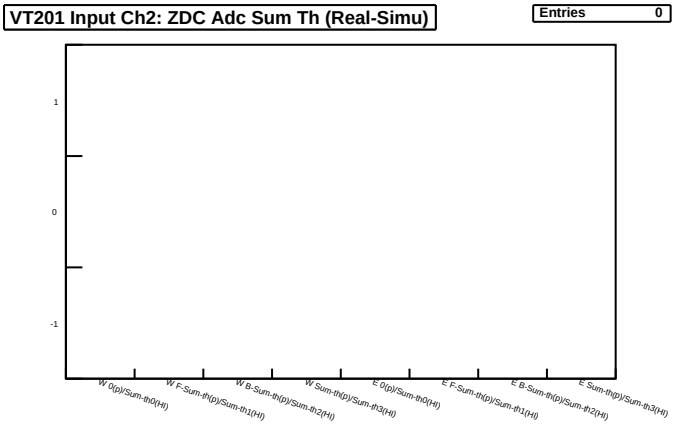

VT201 Input Ch1: EPD Hit Count Th
Entries 975934
480516
479721
7451
8246
East
West

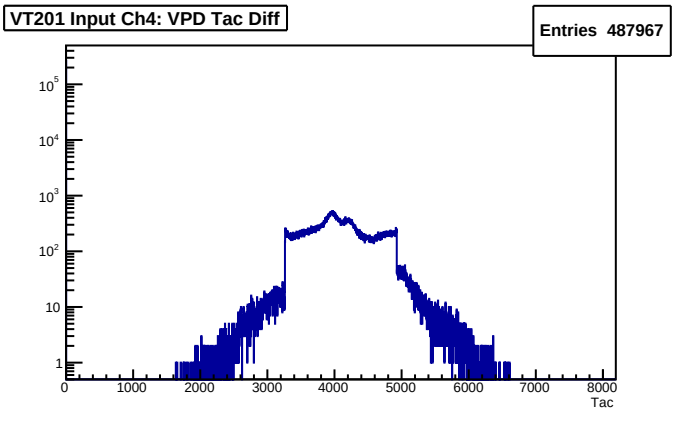

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

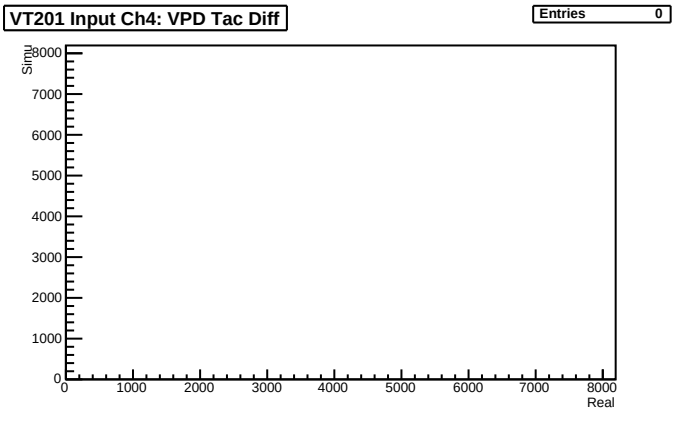

VT201 Input Ch2: ZDC Tac Diff
Entries 487967
Tac

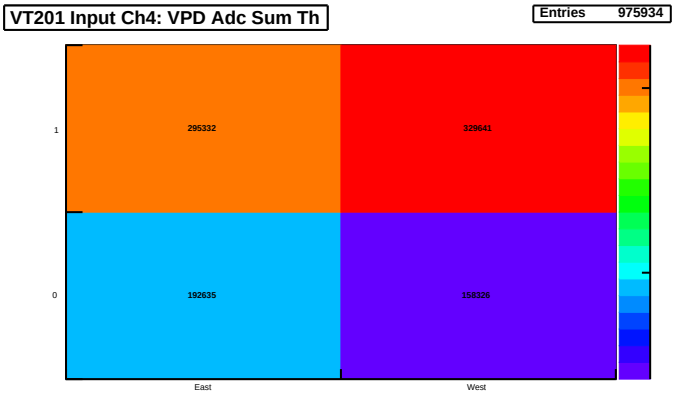

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

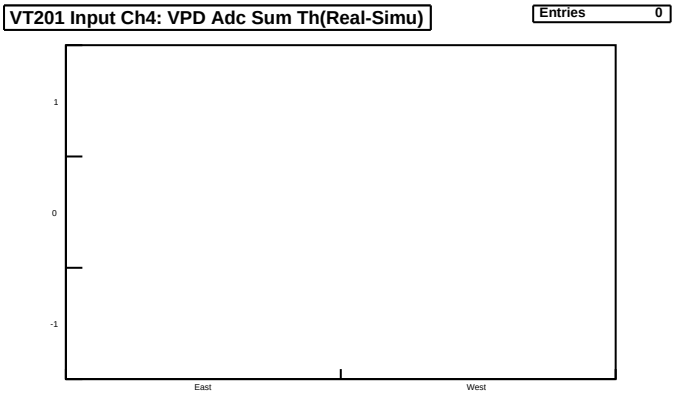

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3903736
12852
2963
13
12
8379
3371
41
34
475115
485004
487954
487955
479588
484596
487926
487933
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

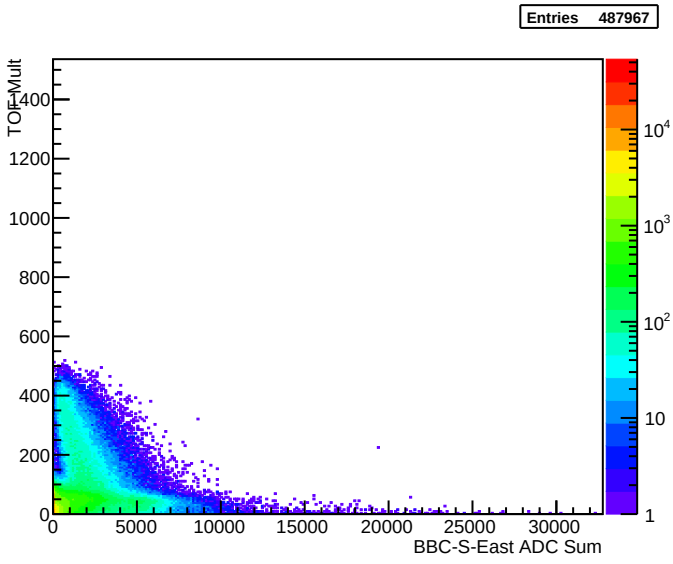

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

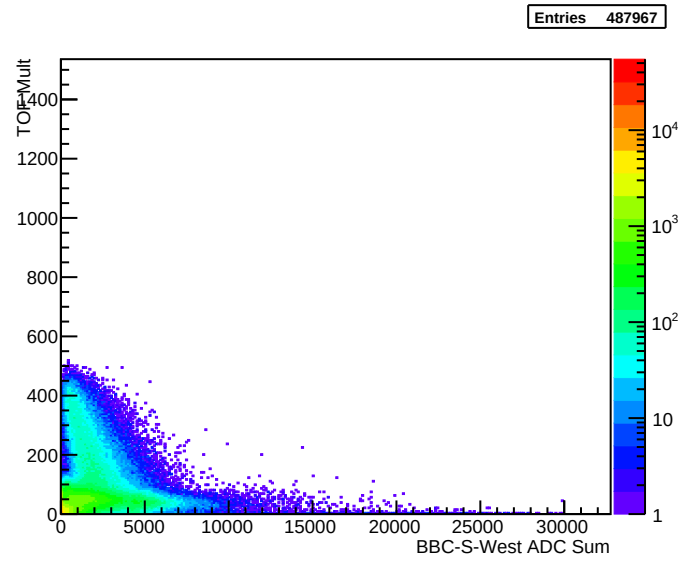

VT201 Input Ch4: VPD Tac Diff
Entries 487967
Tac

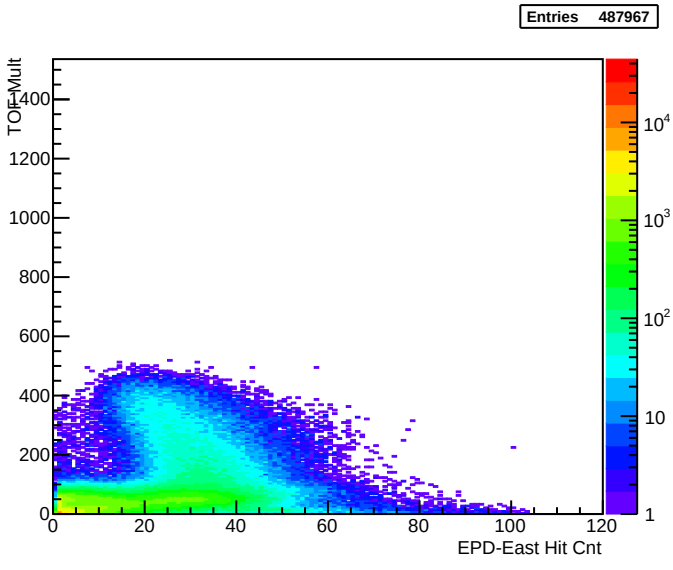

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

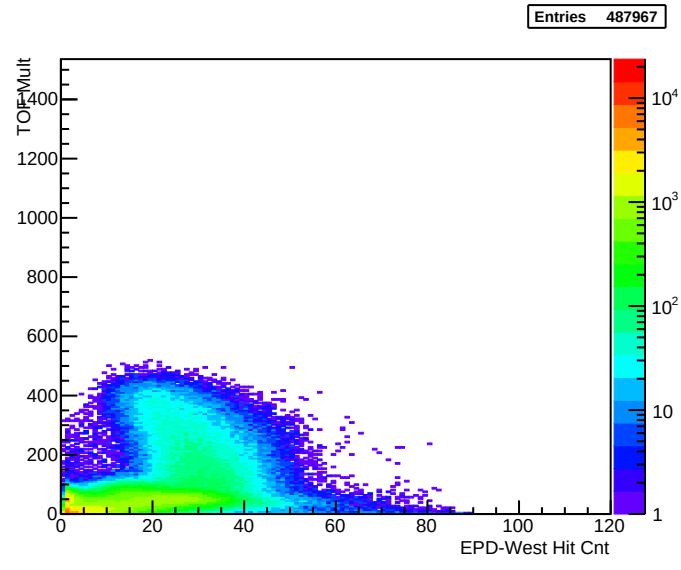

VT201 Input Ch4: VPD Adc Sum Th
Entries 975934
295332
329641
192635
158326
East
West

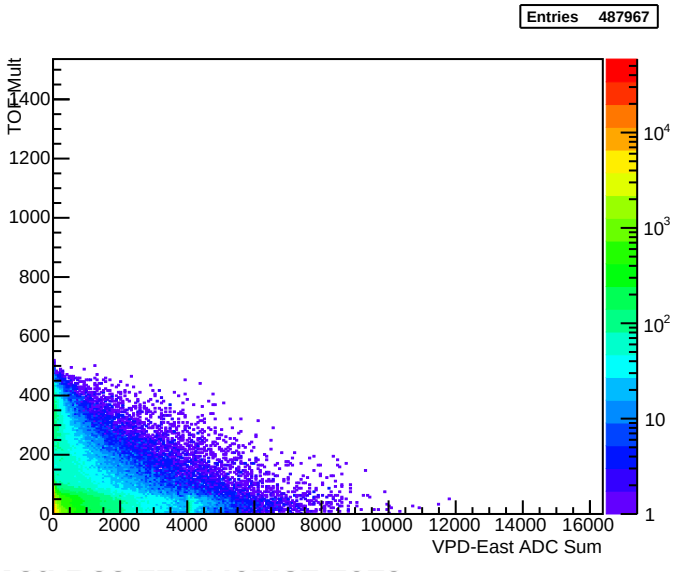

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

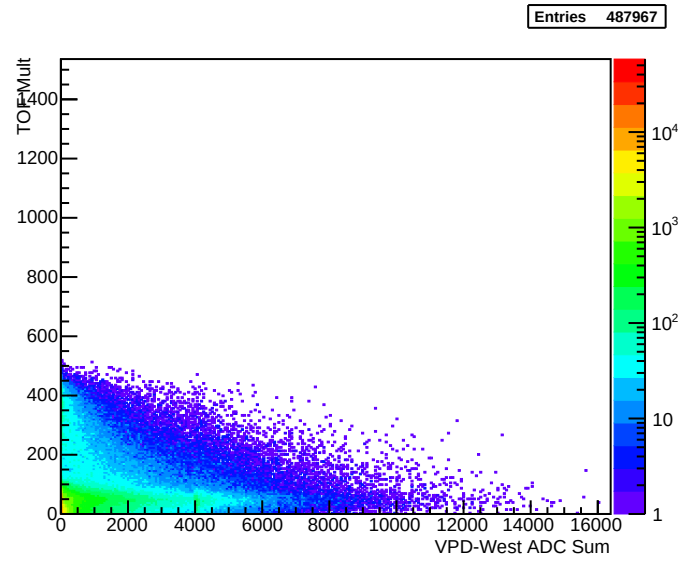

Entries 487967
TOF-Mult
BBC-S-East ADC Sum

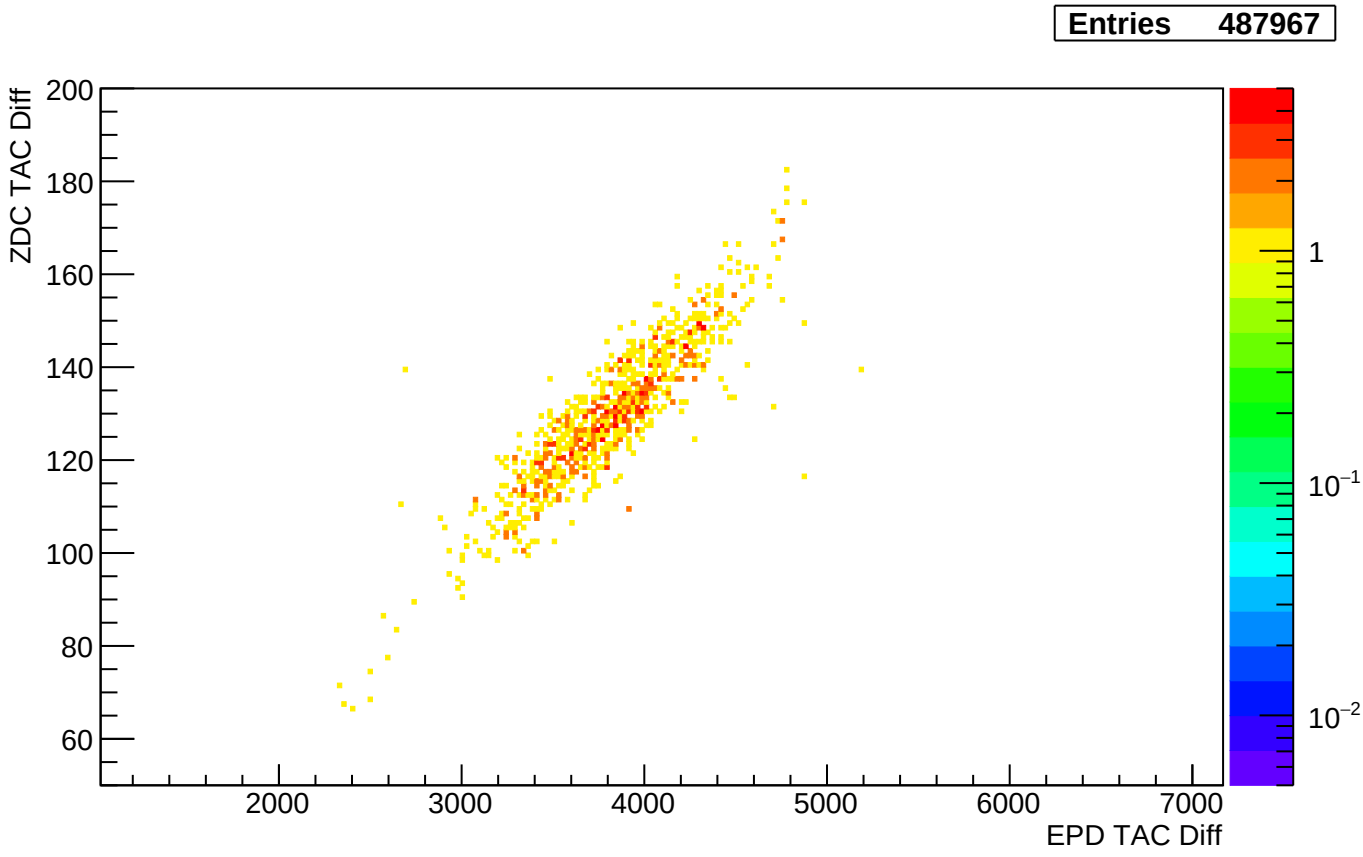

Entries 487967
TOF-Mult
BBC-S-West ADC Sum

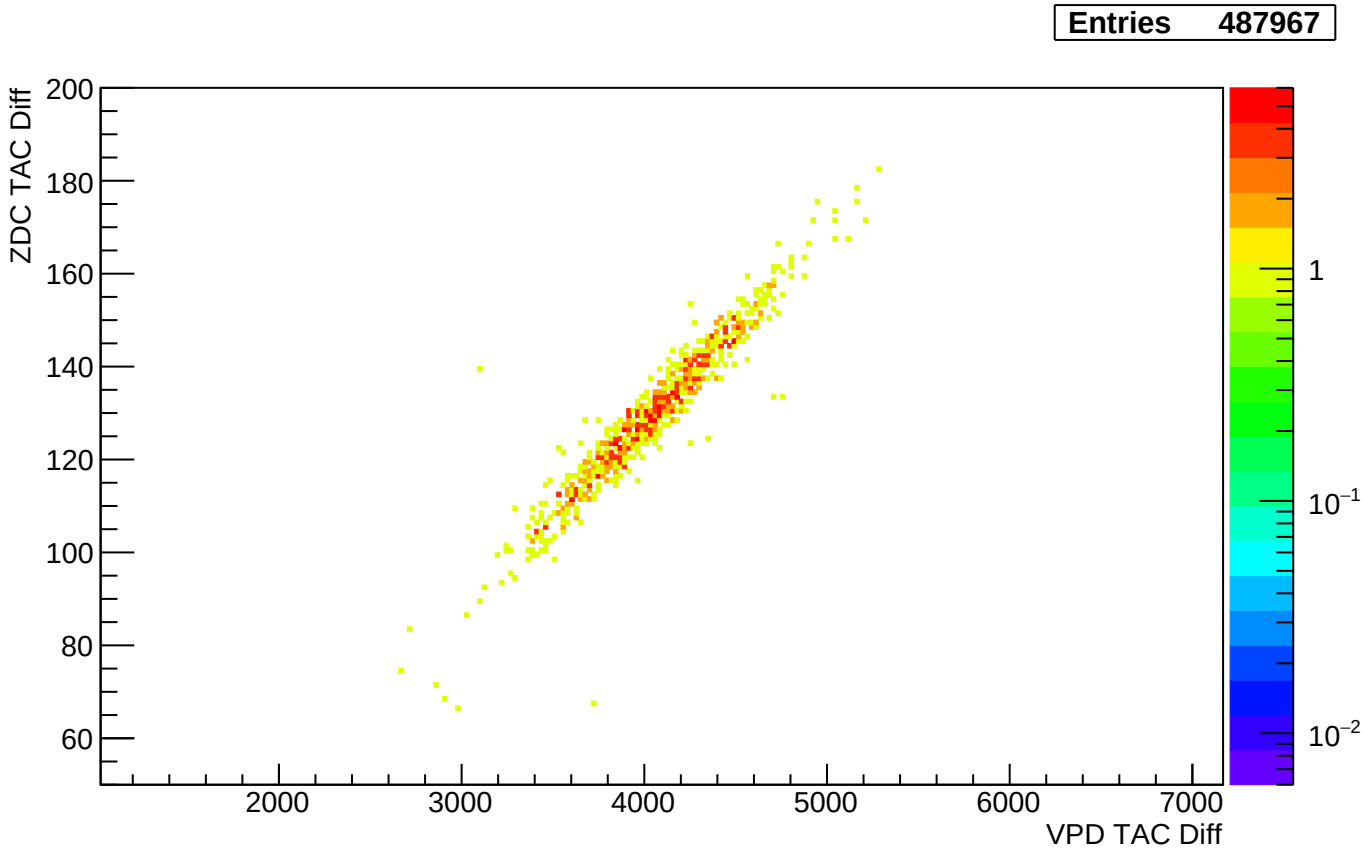

Entries 487967
TOF-Mult
EPD-East Hit Cnt

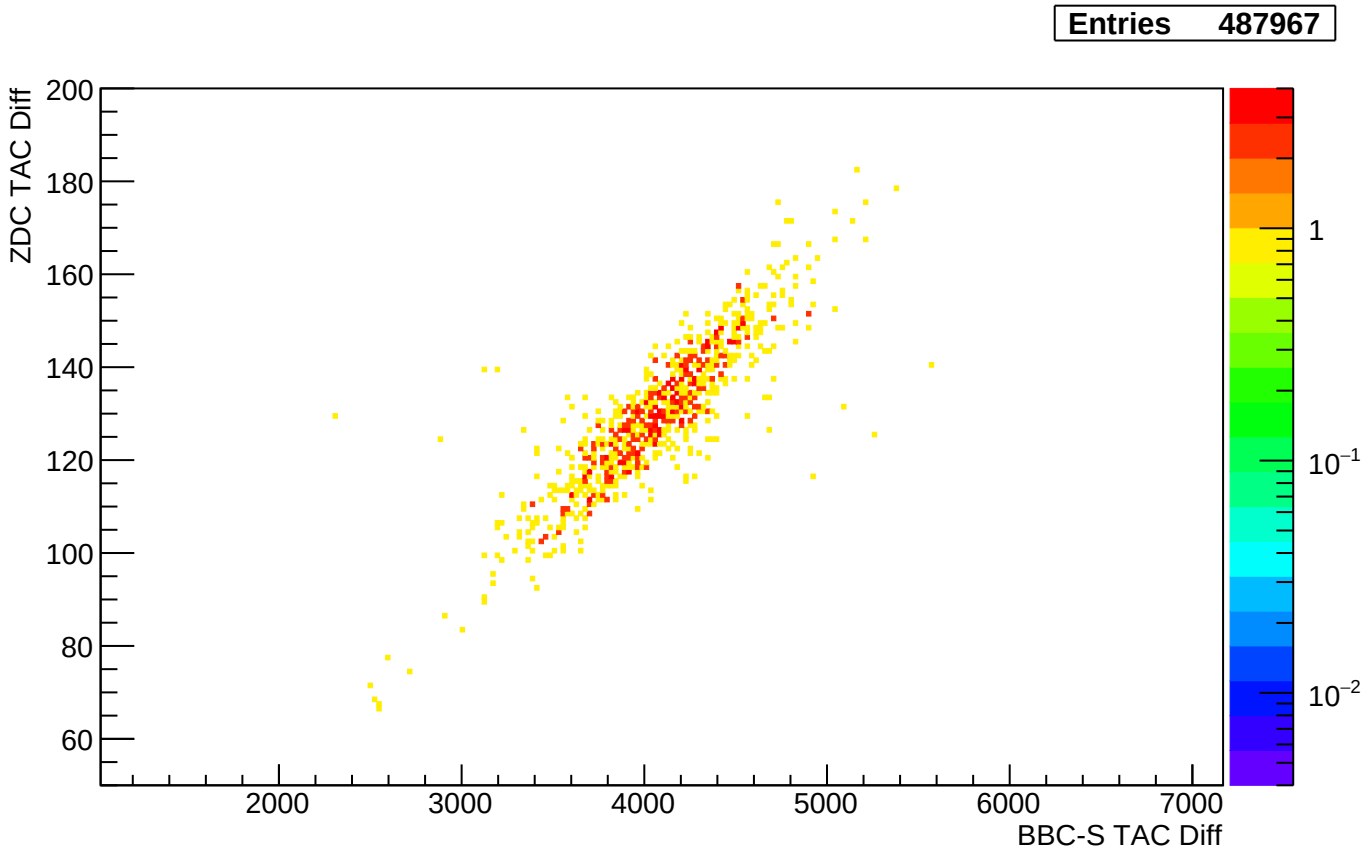

Entries 487967
TOF-Mult
EPD-West Hit Cnt

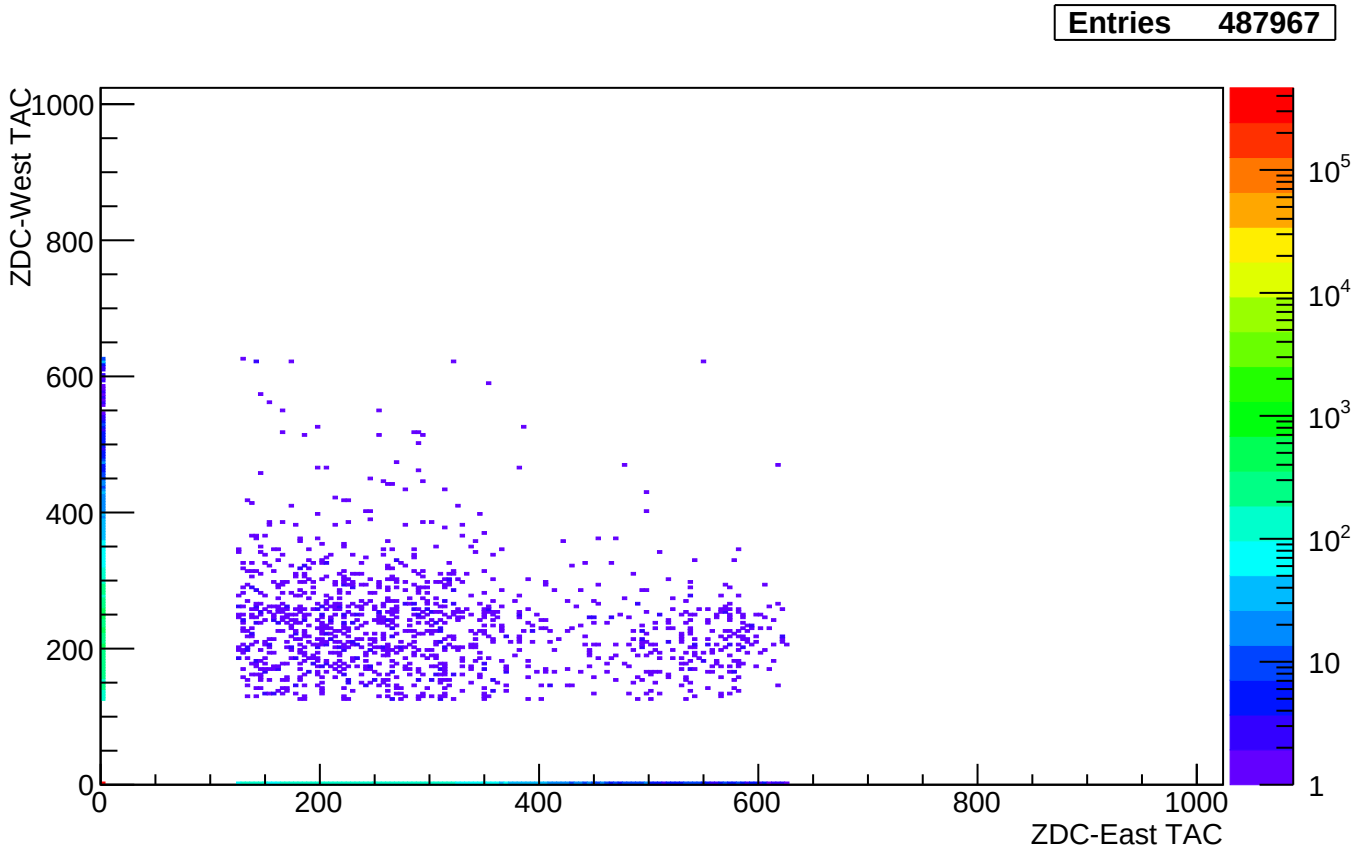

Entries 487967
TOF-Mult
VPD-East ADC Sum

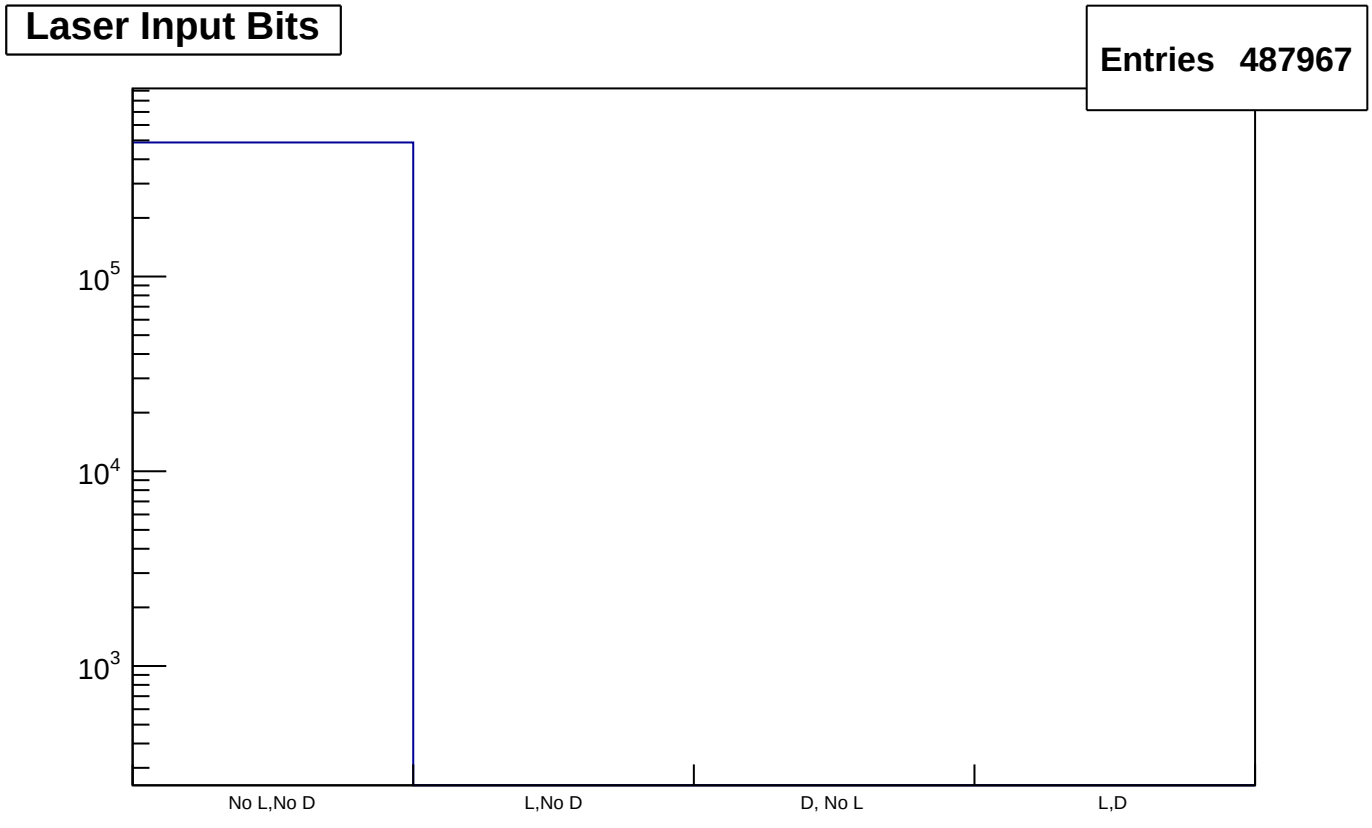

Entries 487967
TOF-Mult
VPD-West ADC Sum

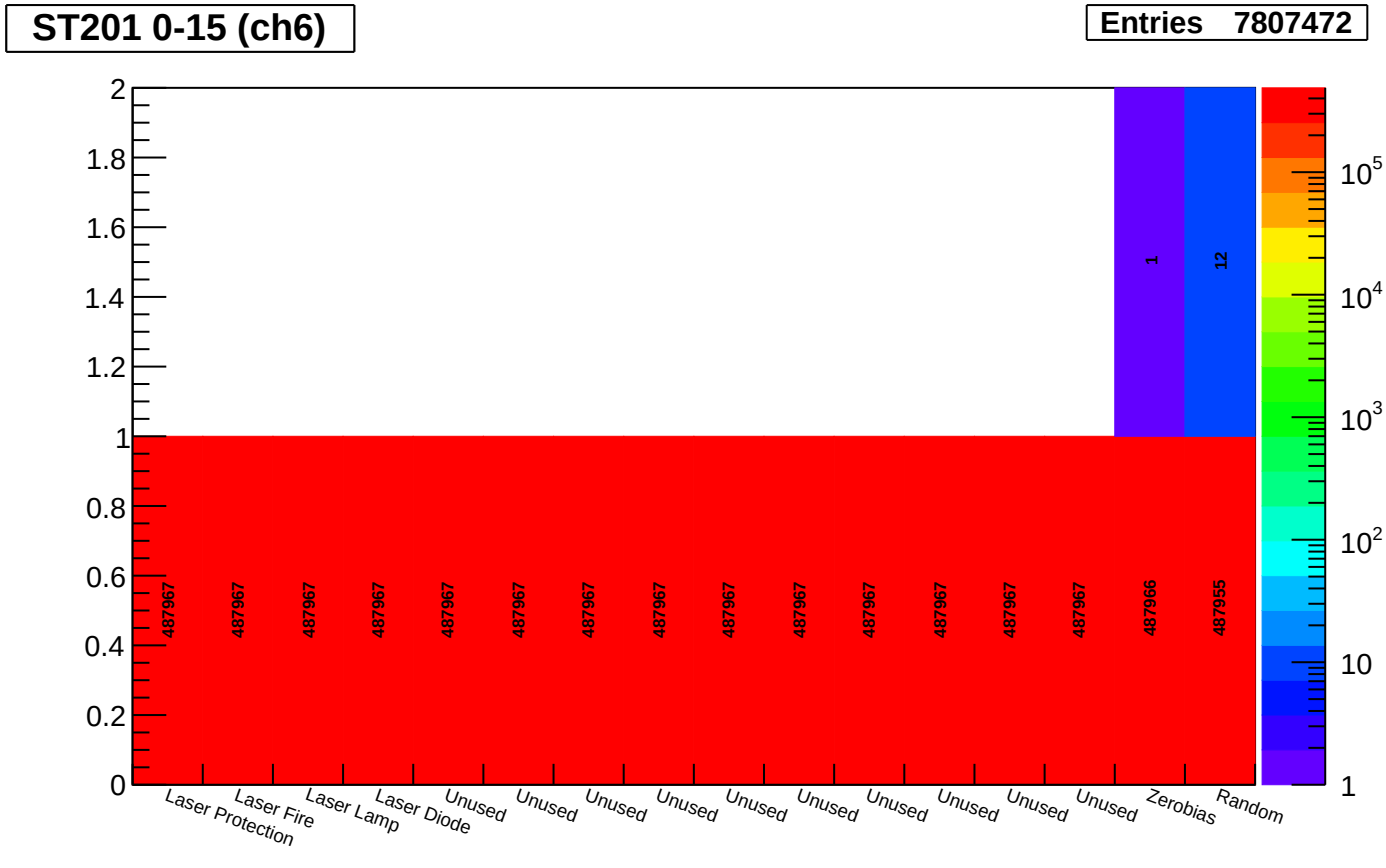

Entries 487967
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

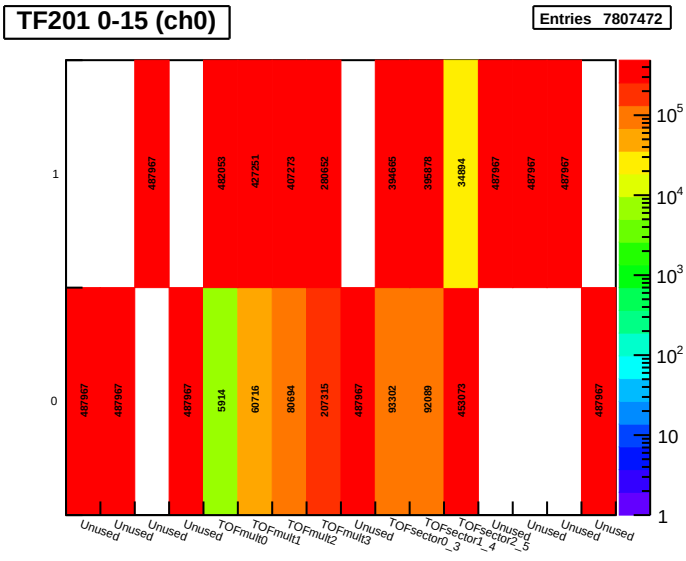

Entries 487967
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

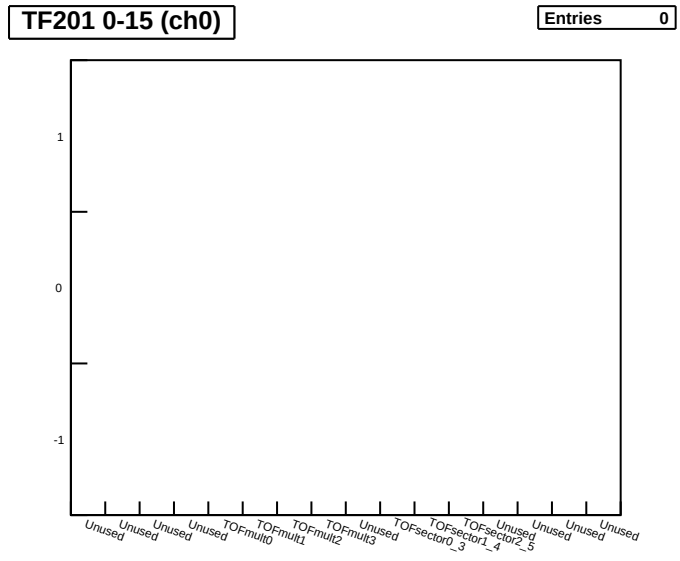

Entries 487967
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

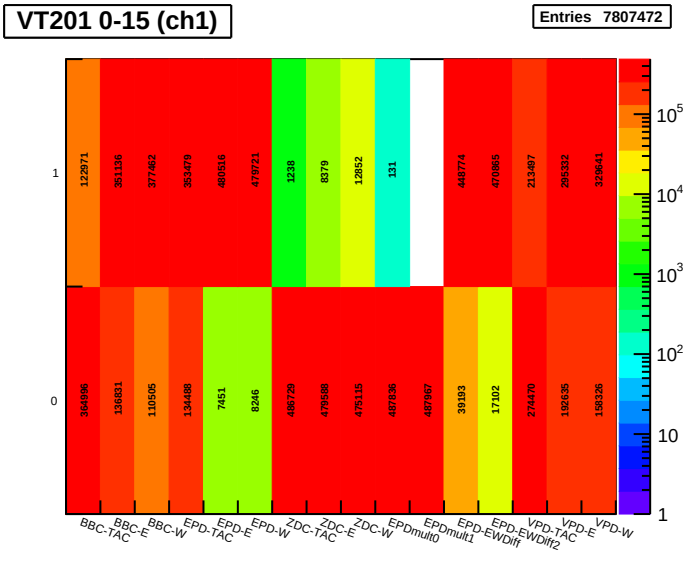

Entries 487967
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

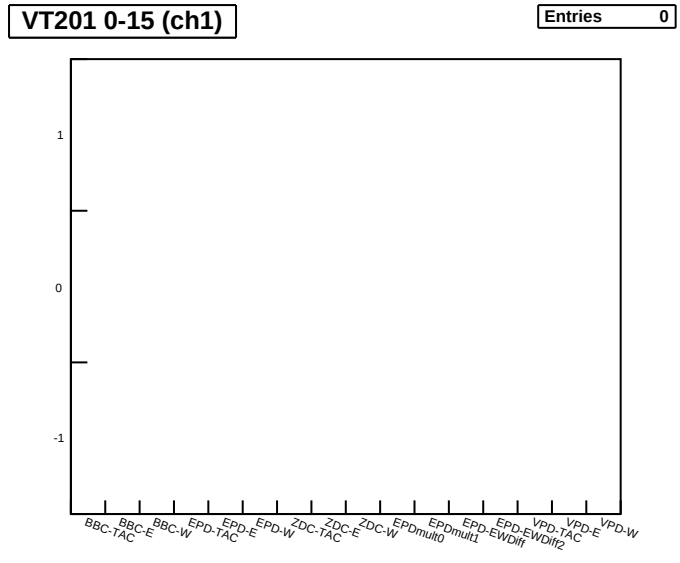

Laser Input Bits
Entries 487967
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

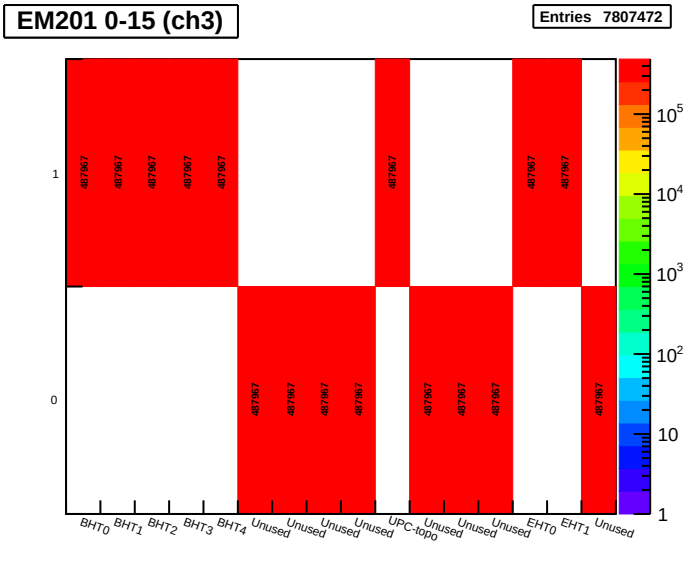

ST201 0-15 (ch6)
Entries 7807472
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
487967
487966
487955
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

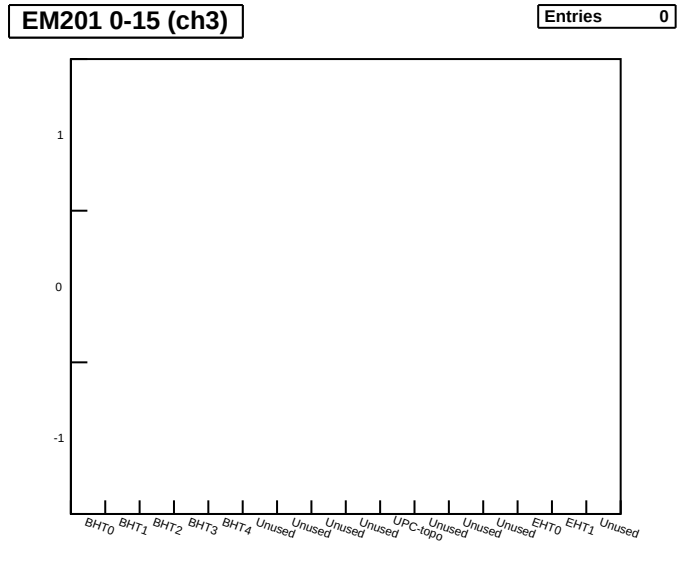

TF201 0-15 (ch0)
Entries 7807472
1
0
487967
487967
487967
487967
482053
427251
407273
290652
5914
60716
80694
207315
487967
93302
92089
453073
394665
395878
34894
487967
487967
487967
487967
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 7807472
1
0
122971
351136
377462
353479
480516
479721
1238
8379
12852
131
448774
470865
213487
295332
326641
364996
136831
110505
134488
7451
8246
486729
479588
475115
487836
487967
39193
17102
274470
192635
158326
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 7807472
1
0
487967
487967
487967
487967
487967
487967
487967
487967
487967
487967
487967
487967
487967
487967
487967
487967
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