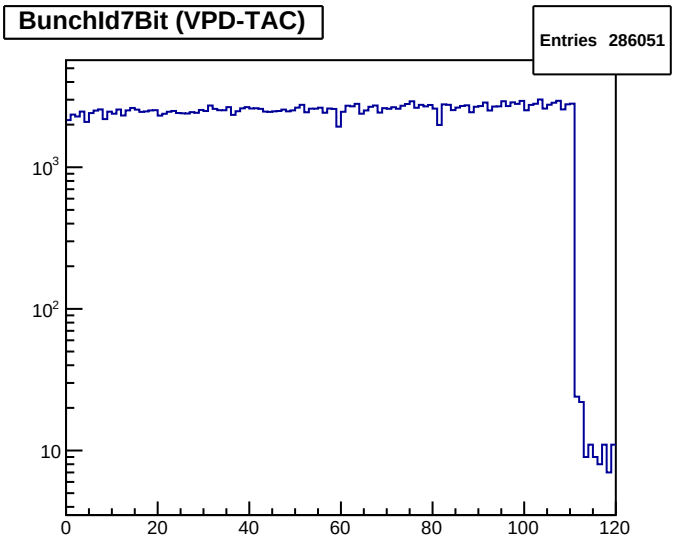
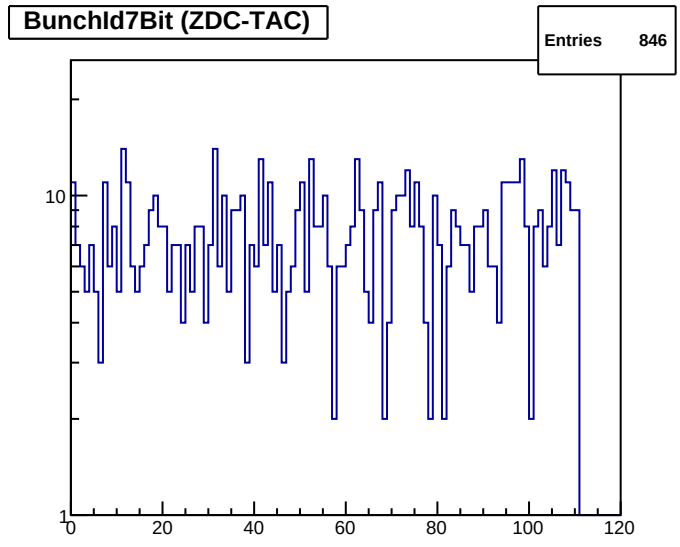
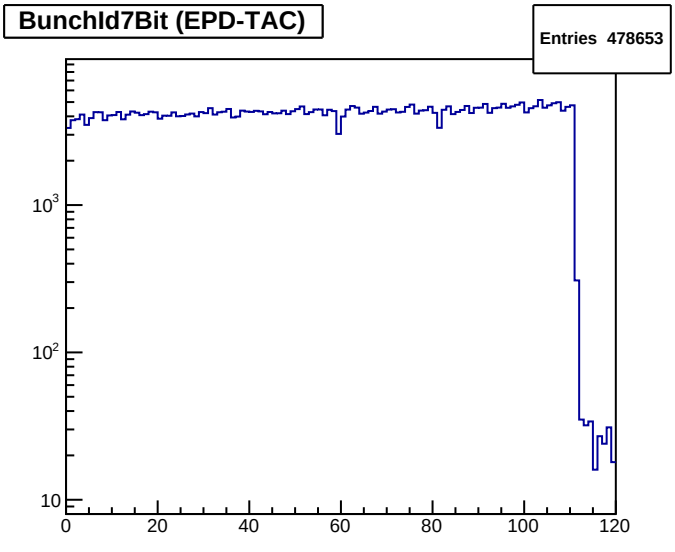
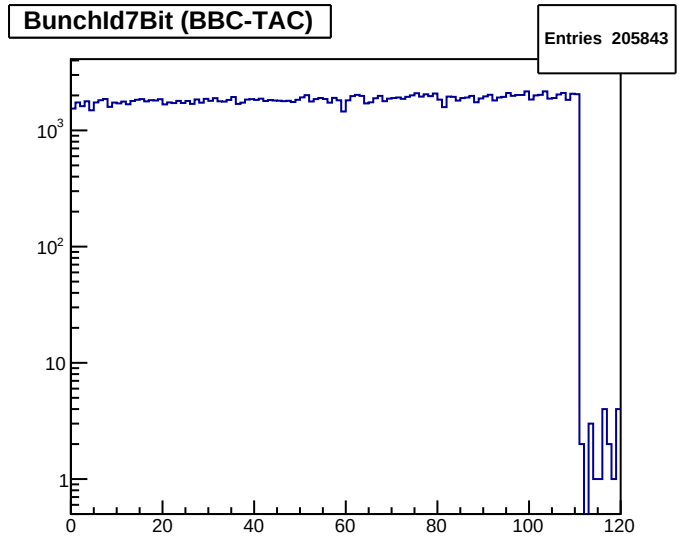
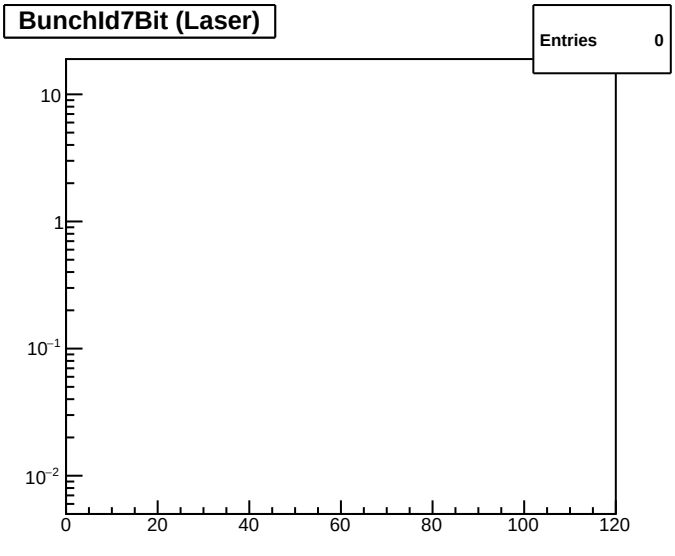
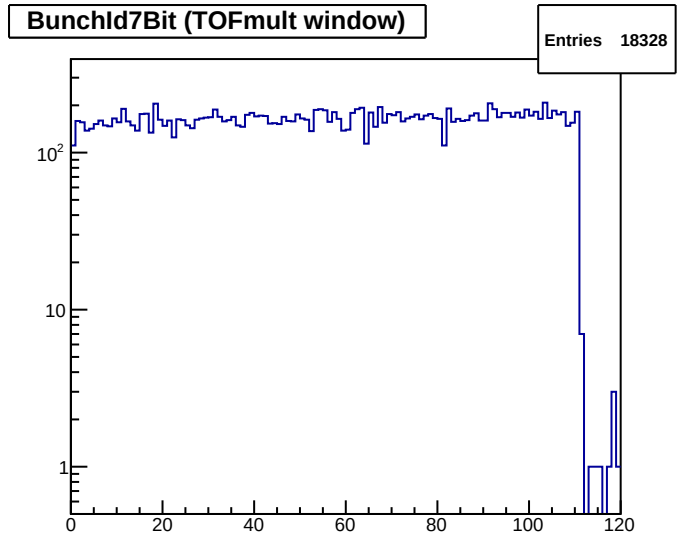

BunchId7Bit (VPD-TAC)
Entries 286051

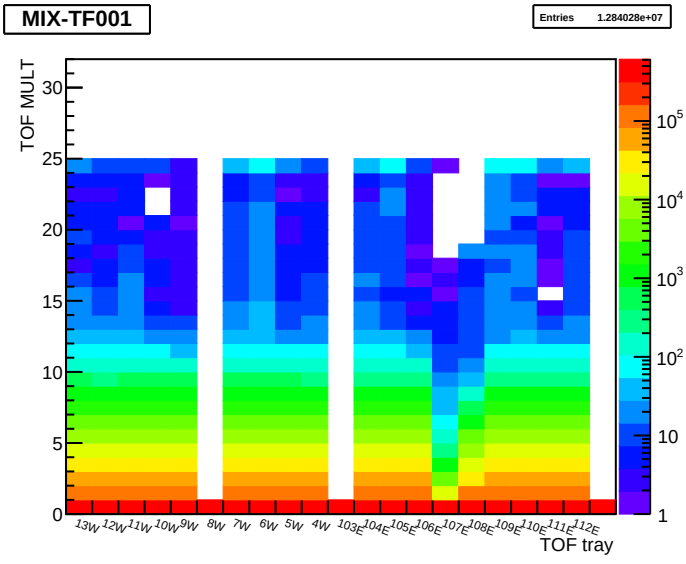

BunchId7Bit (ZDC-TAC)
Entries 846

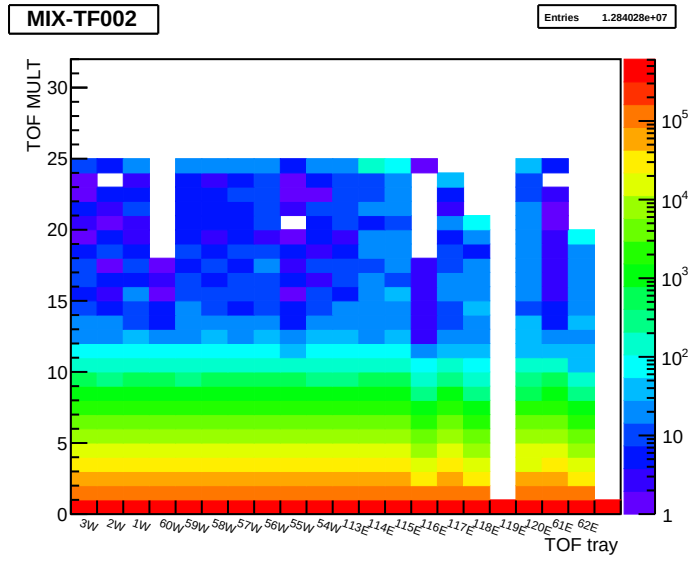

BunchId7Bit (EPD-TAC)
Entries 478653

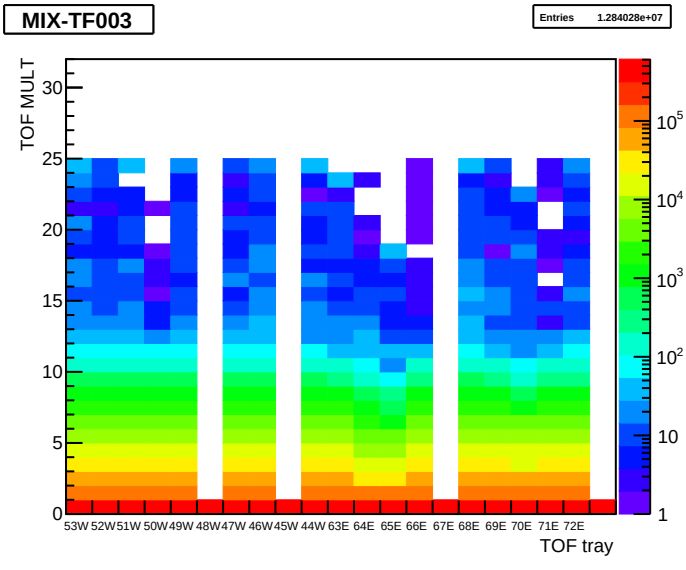

BunchId7Bit (BBC-TAC)
Entries 205843

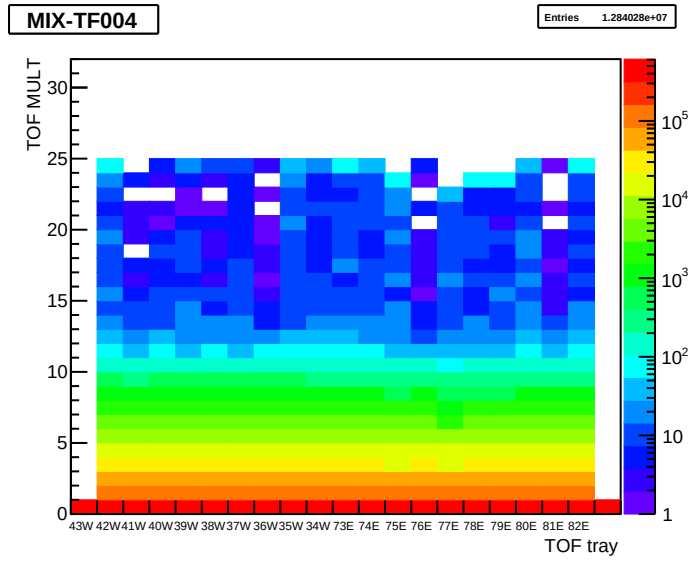

BunchId7Bit (Laser)
Entries 0

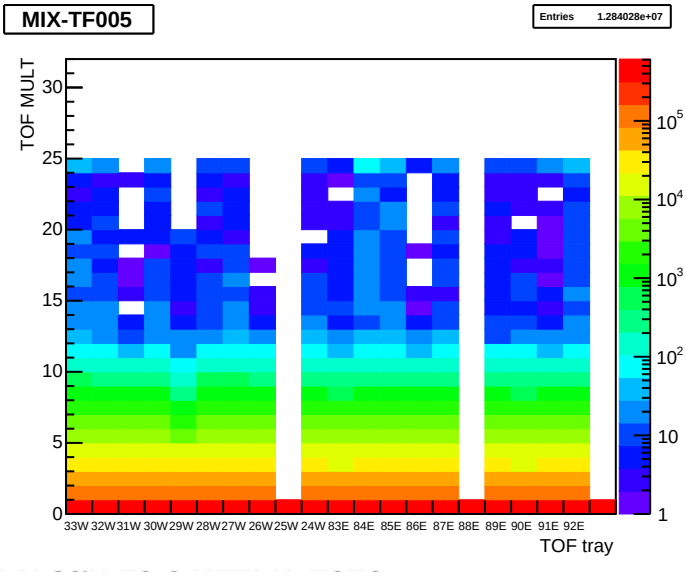

BunchId7Bit (TOFmult window)
Entries 18328

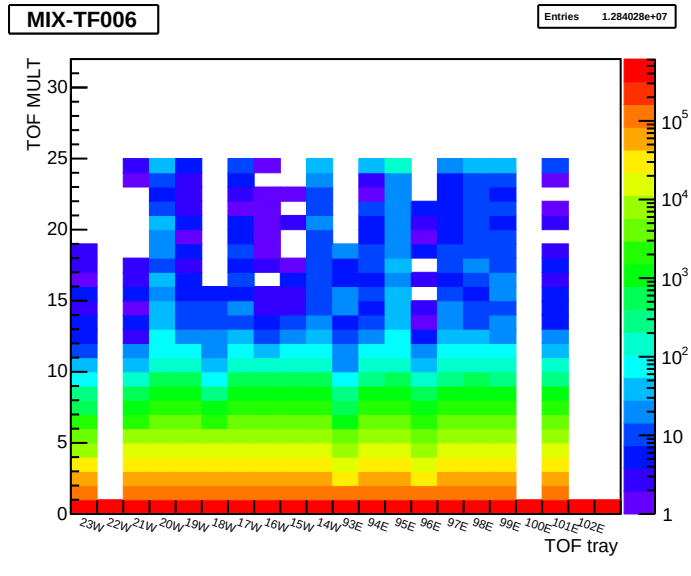

MIX-TF001
Entries 1.284028e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

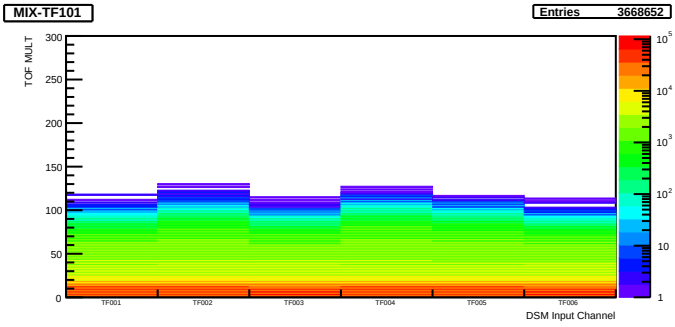

MIX-TF002
Entries 1.284028e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

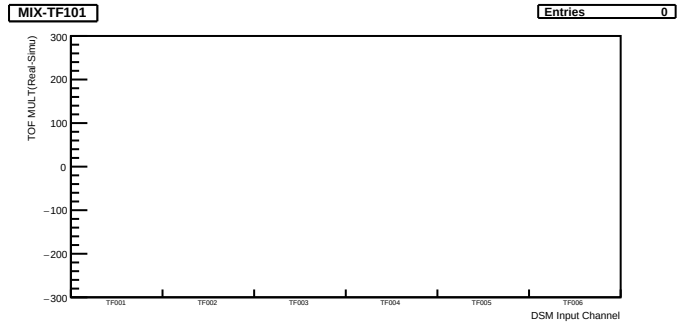

MIX-TF003
Entries 1.284028e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

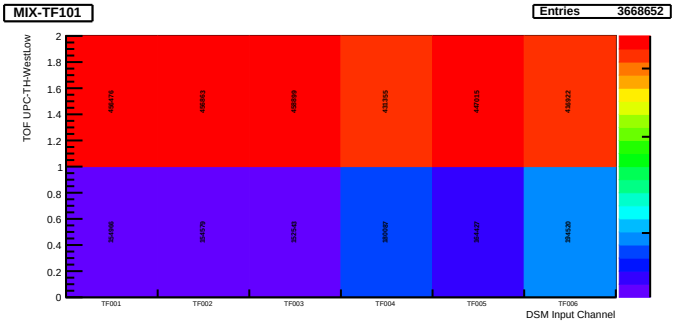

MIX-TF004
Entries 1.284028e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

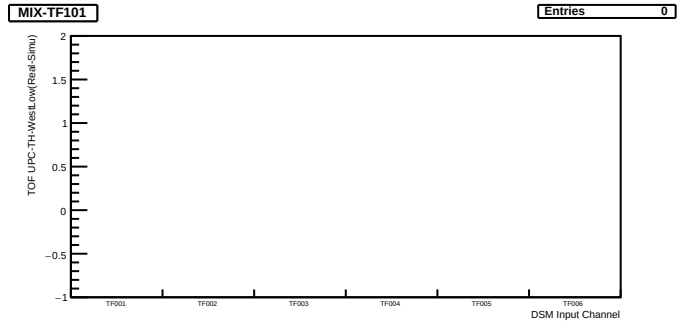

MIX-TF005
Entries 1.284028e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

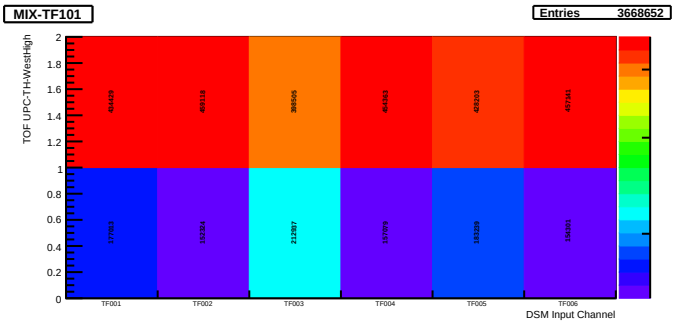

MIX-TF006
Entries 1.284028e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

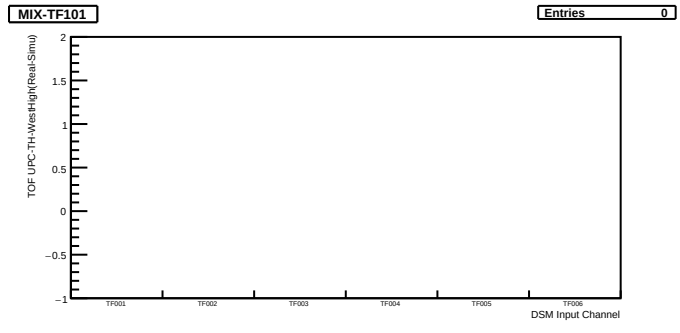

MIX-TF101
Entries 3668652
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

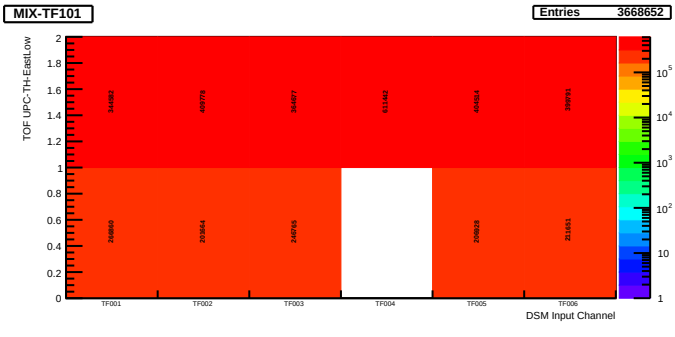

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

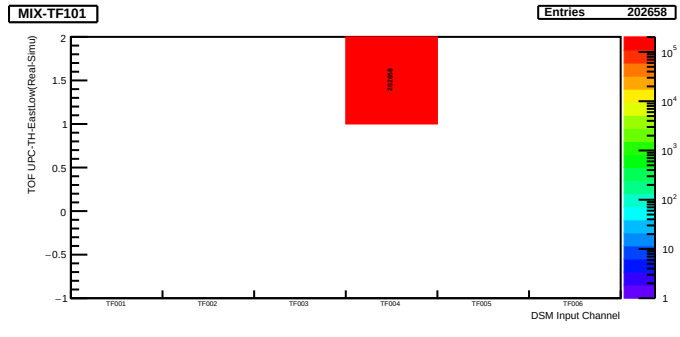

MIX-TF101
Entries 3668652
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

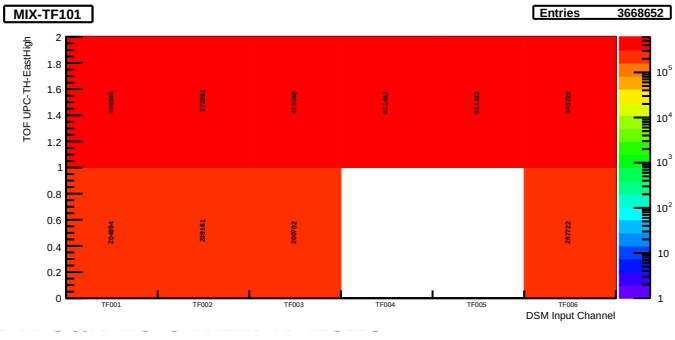

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

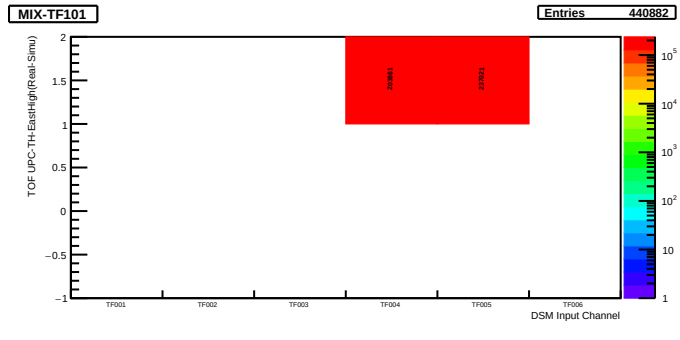

MIX-TF101
Entries 3668652
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

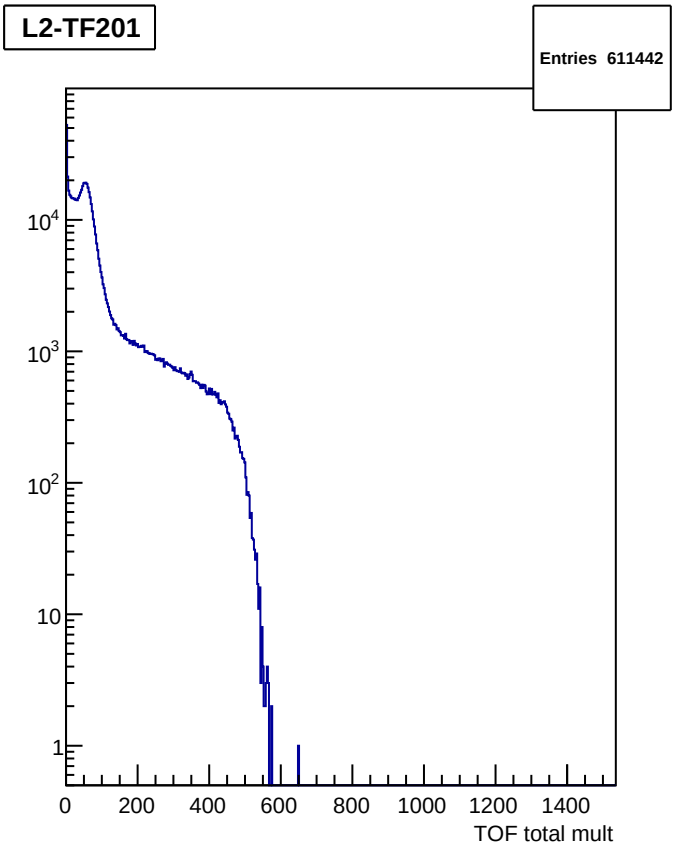

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

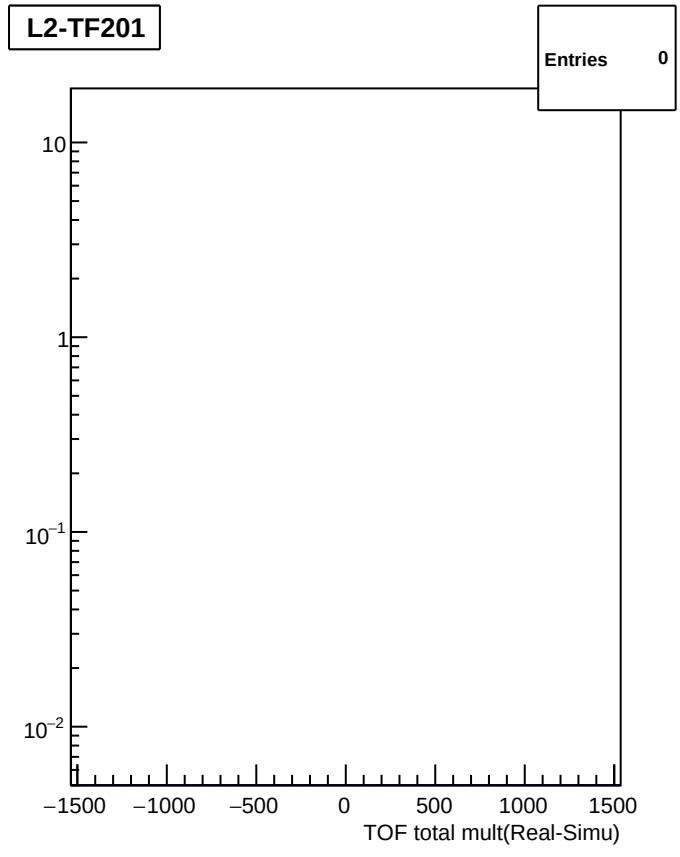

MIX-TF101
Entries 3668652
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

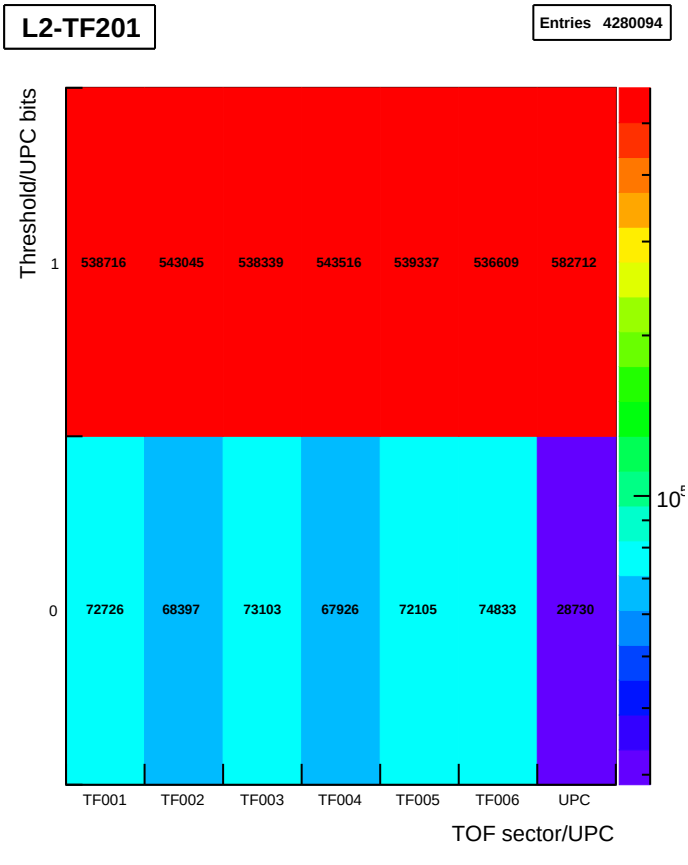

MIX-TF101
Entries 202658
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

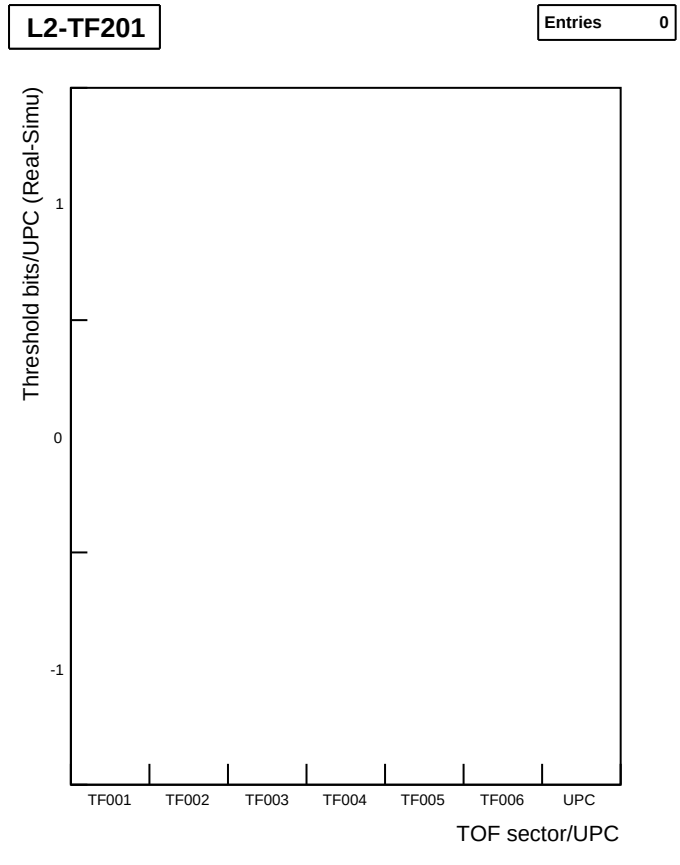

MIX-TF101
Entries 3668652
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

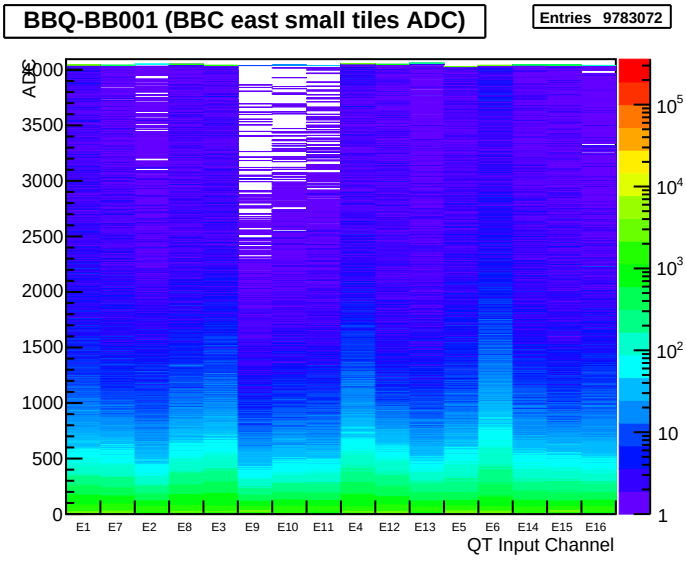

MIX-TF101
Entries 440882
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

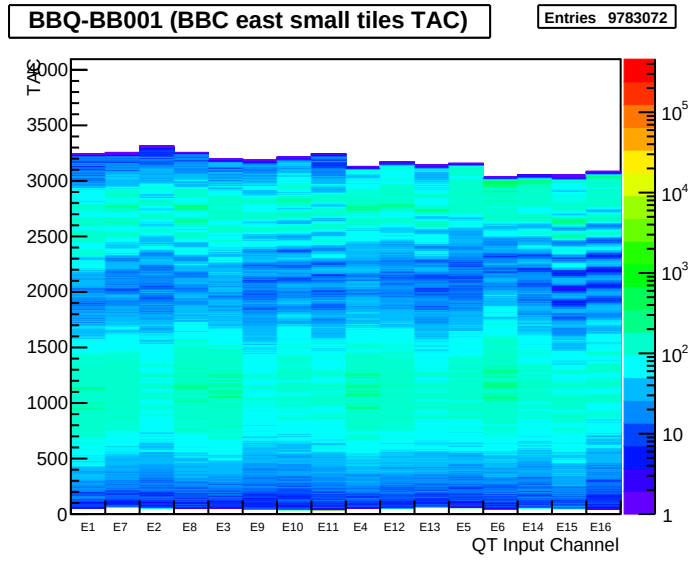

L2-TF201
Entries 611442
TOF total mult

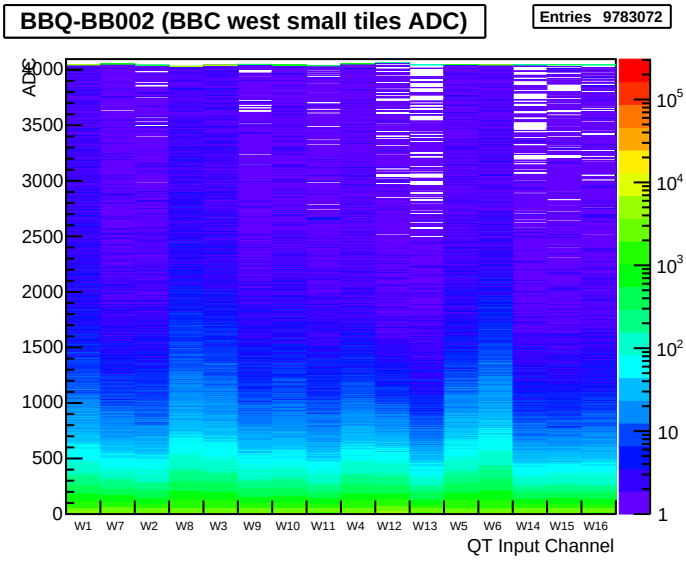

L2-TF201
Entries 0
TOF total mult(Real-Simu)

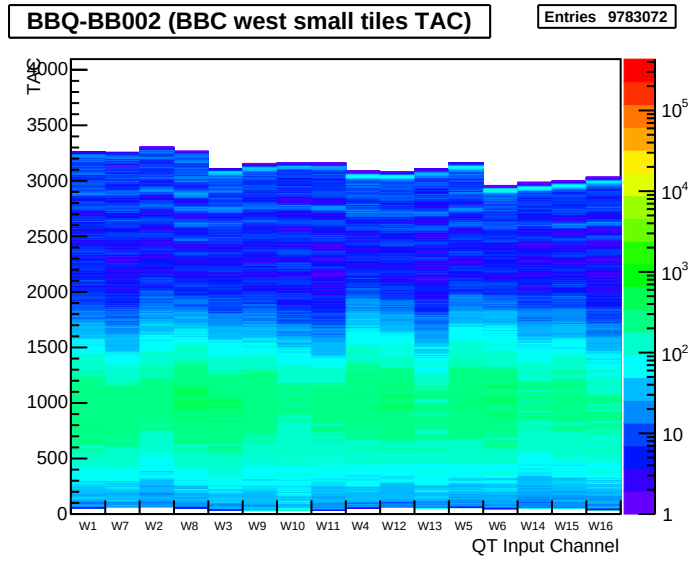

L2-TF201
Entries 4280094
Threshold/UPC bits
538716
543045
538339
543516
539337
536609
582712
72726
68397
73103
67926
72105
74833
28730
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

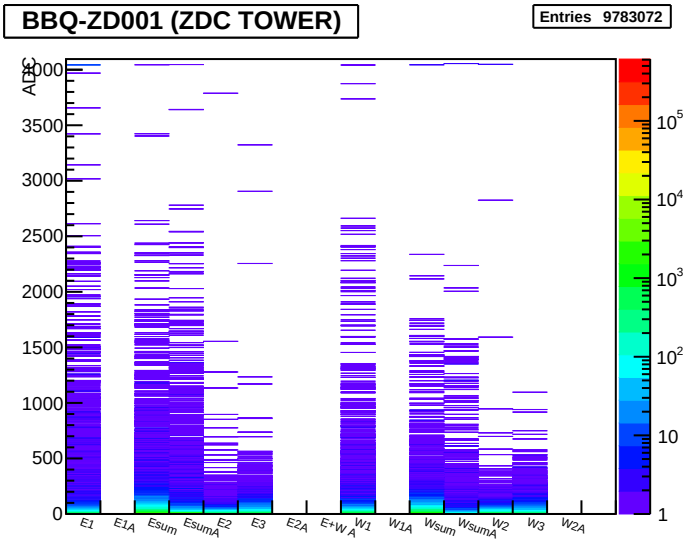

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

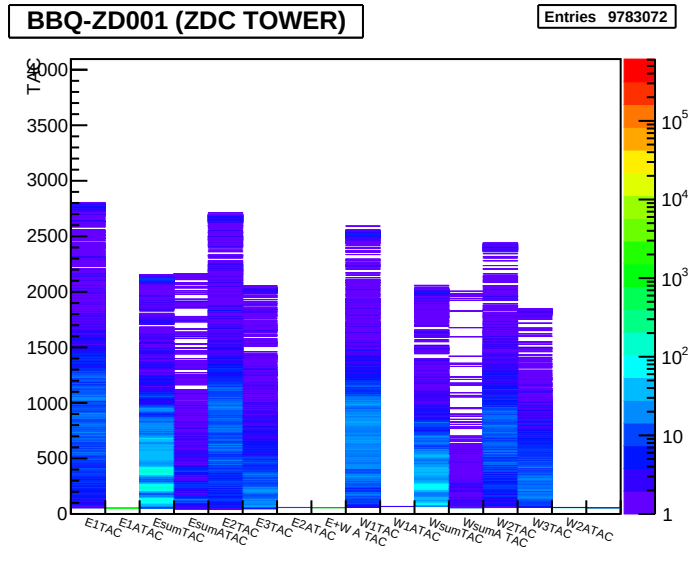

BBQ-BB001 (BBC east small tiles ADC)
Entries 9783072
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

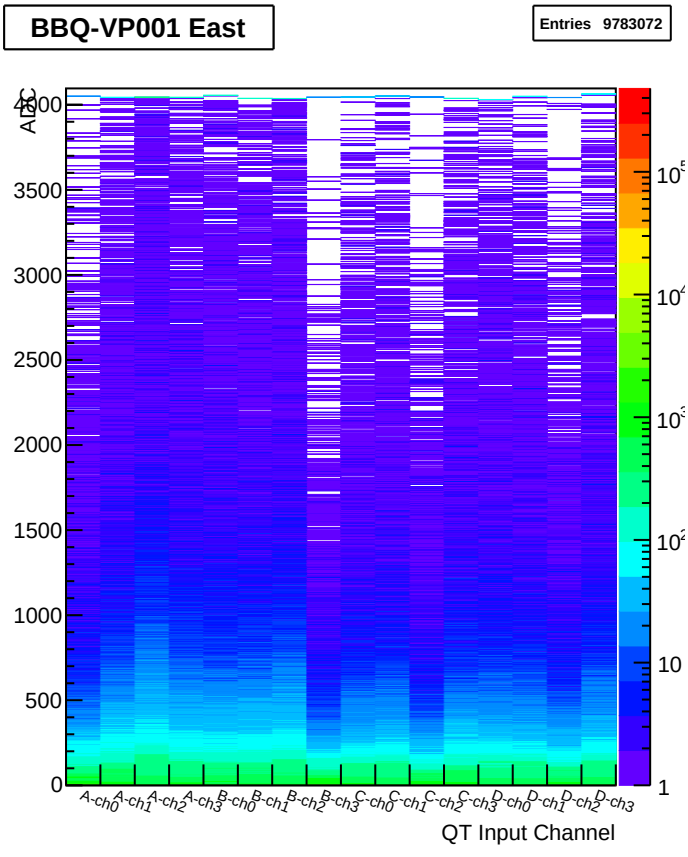

BBQ-BB001 (BBC east small tiles TAC)
Entries 9783072
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

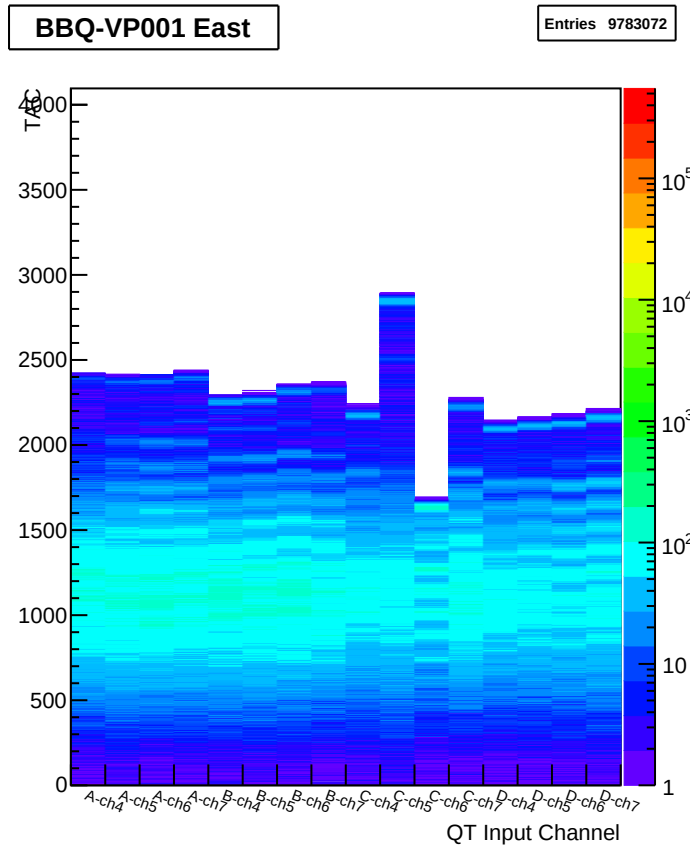

BBQ-BB002 (BBC west small tiles ADC)
Entries 9783072
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

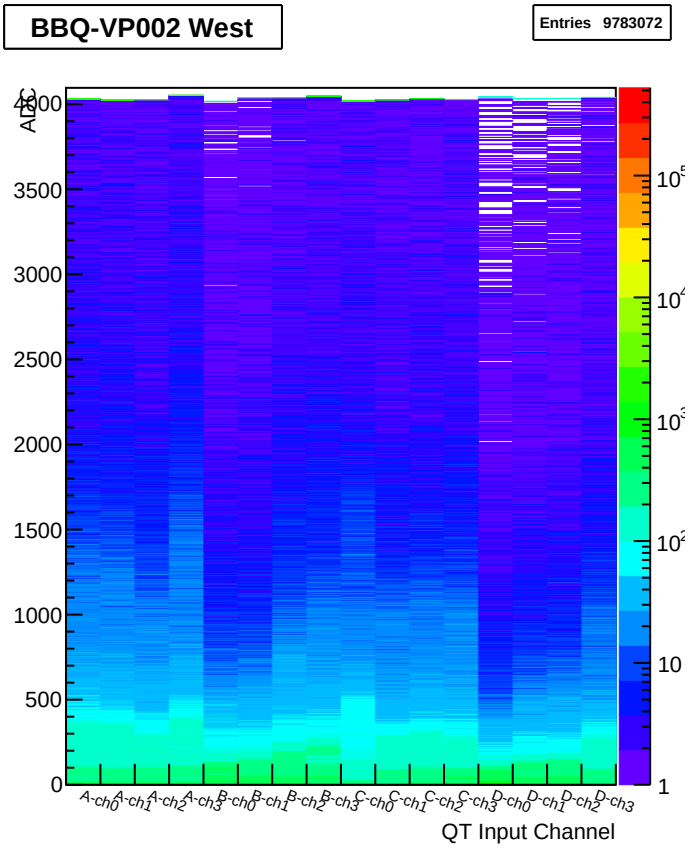

BBQ-BB002 (BBC west small tiles TAC)
Entries 9783072
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

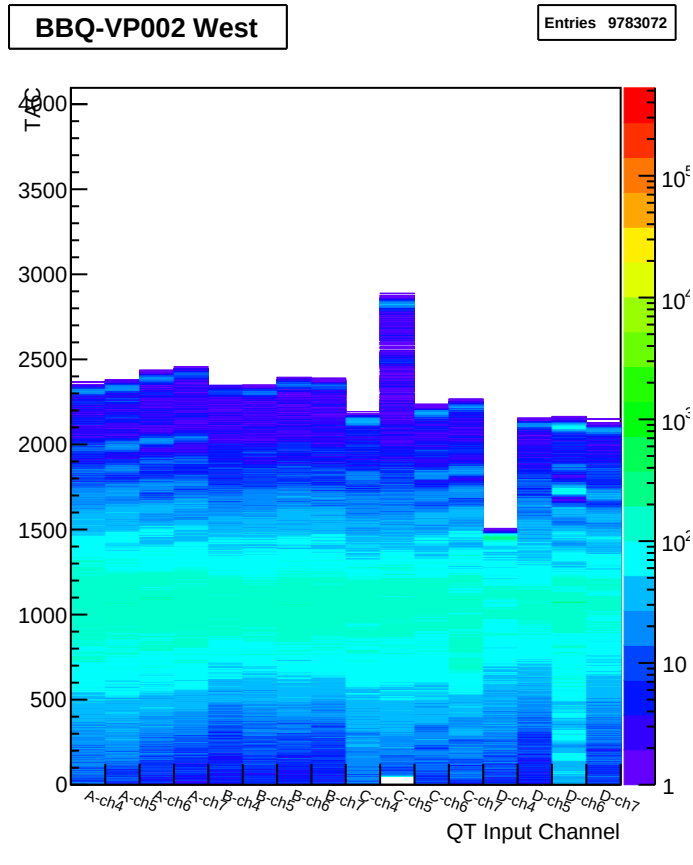

BBQ-ZD001 (ZDC TOWER)
Entries 9783072
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

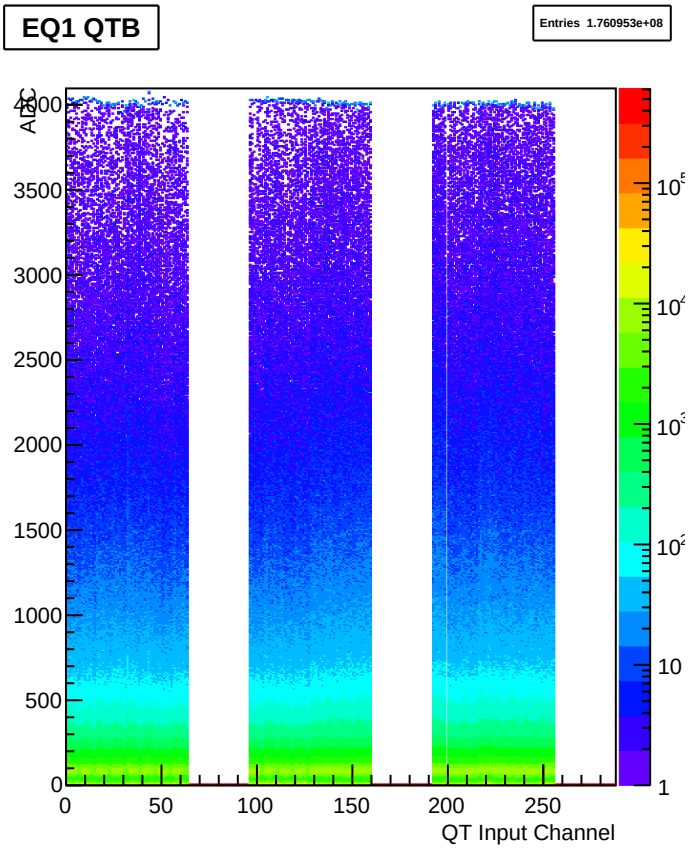

BBQ-ZD001 (ZDC TOWER)
Entries 9783072
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

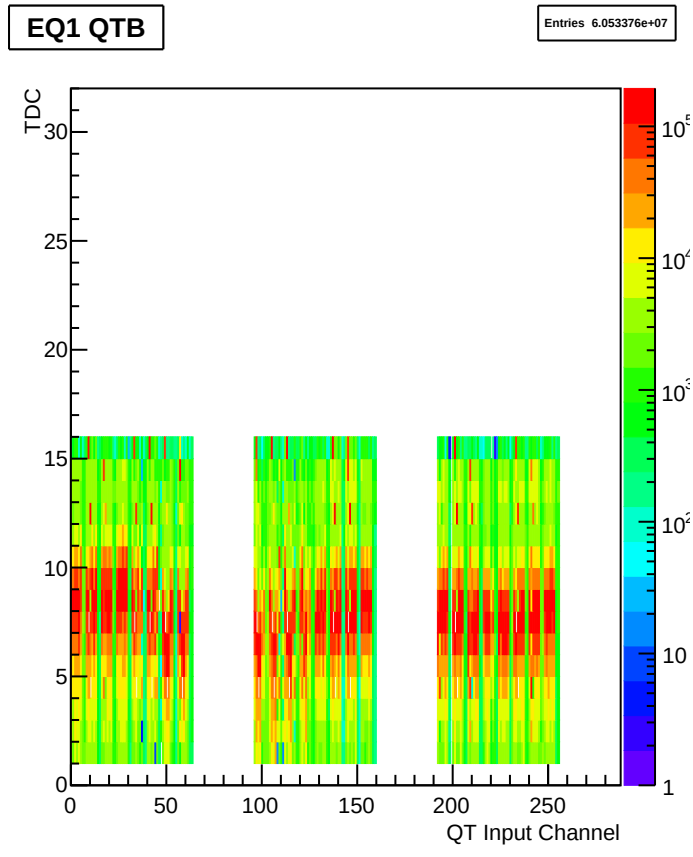

BBQ-VP001 East
Entries 9783072
ADC
QT Input Channel

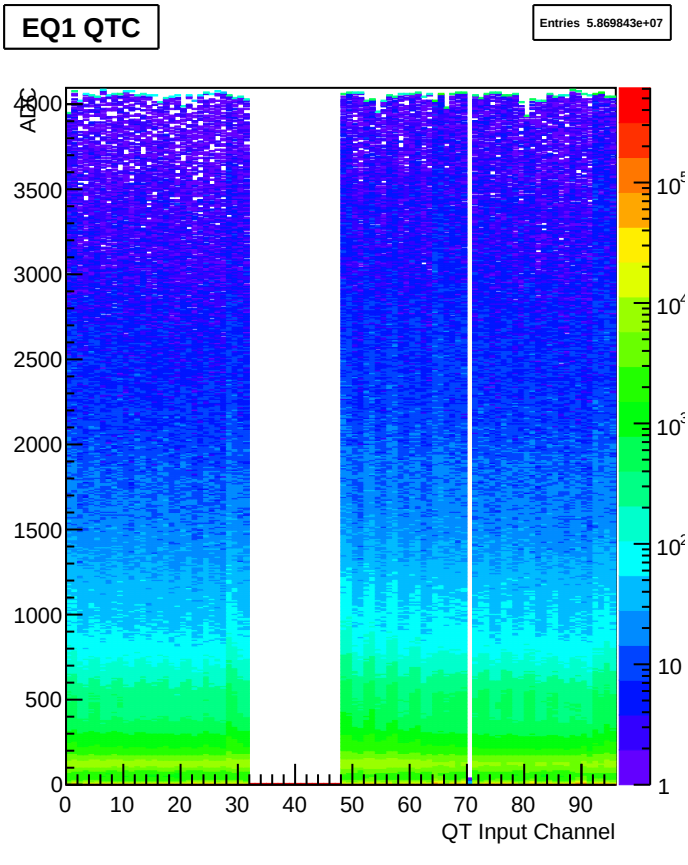

BBQ-VP001 East
Entries 9783072
TADC
QT Input Channel

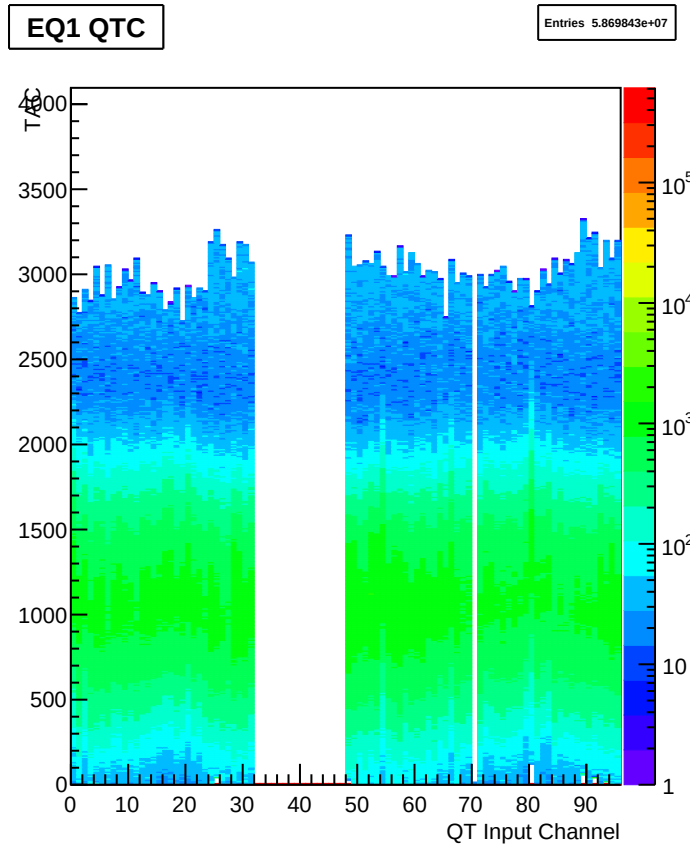

BBQ-VP002 West
Entries 9783072
ADC
QT Input Channel

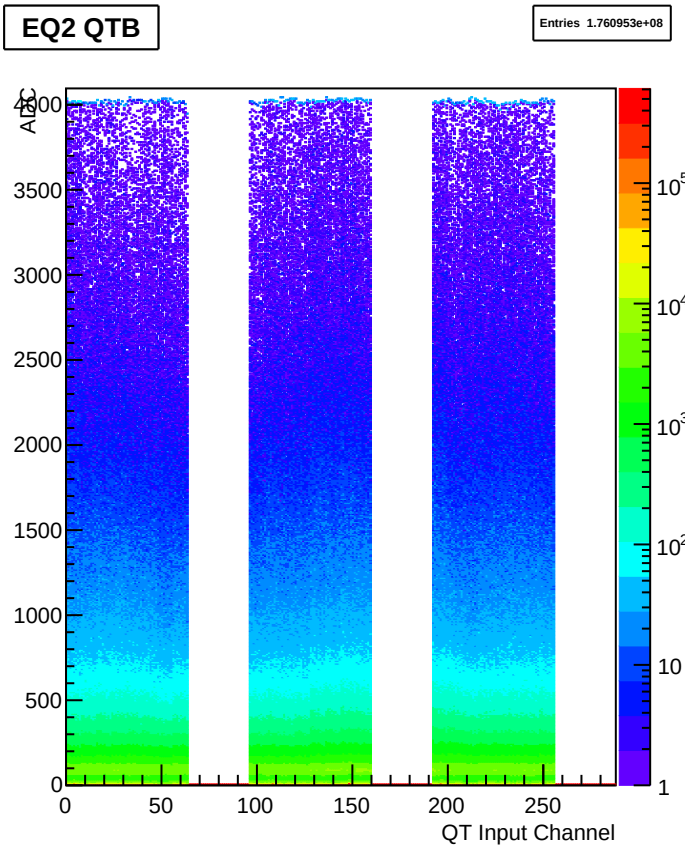

BBQ-VP002 West
Entries 9783072
TADC
QT Input Channel

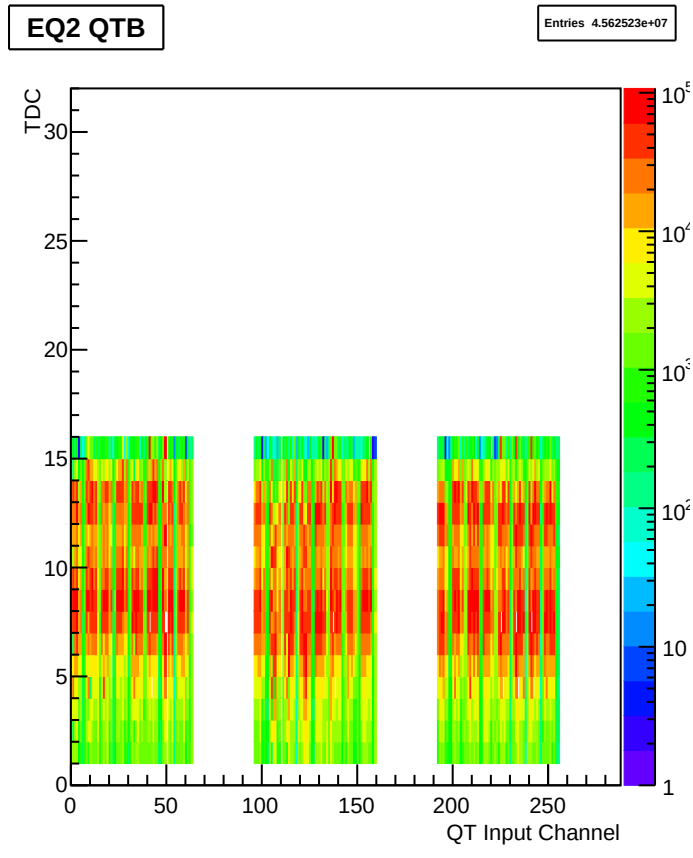

EQ1 QTB
Entries 1.760953e+08
ADC
QT Input Channel

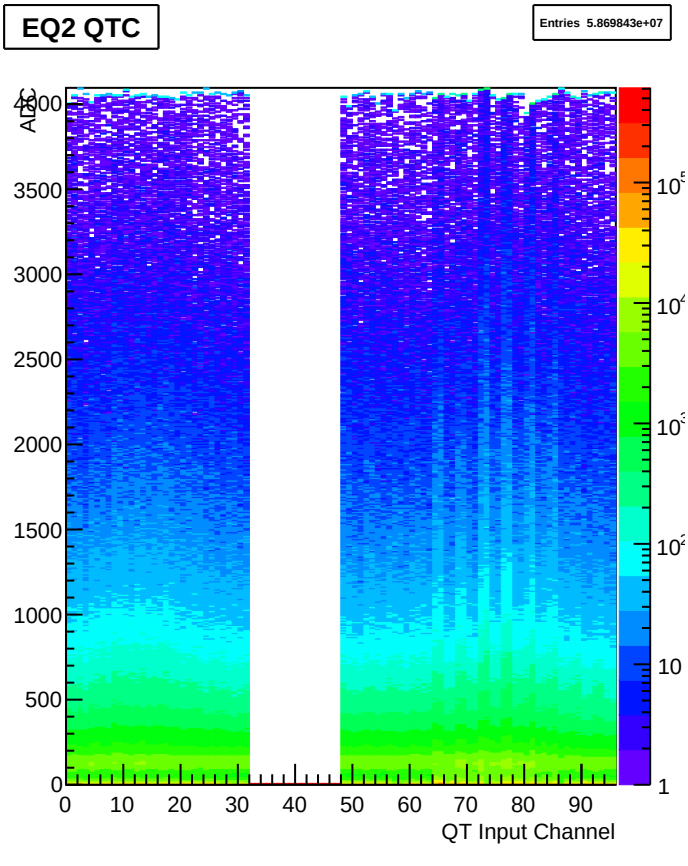

EQ1 QTB
Entries 6.053376e+07
TDC
QT Input Channel

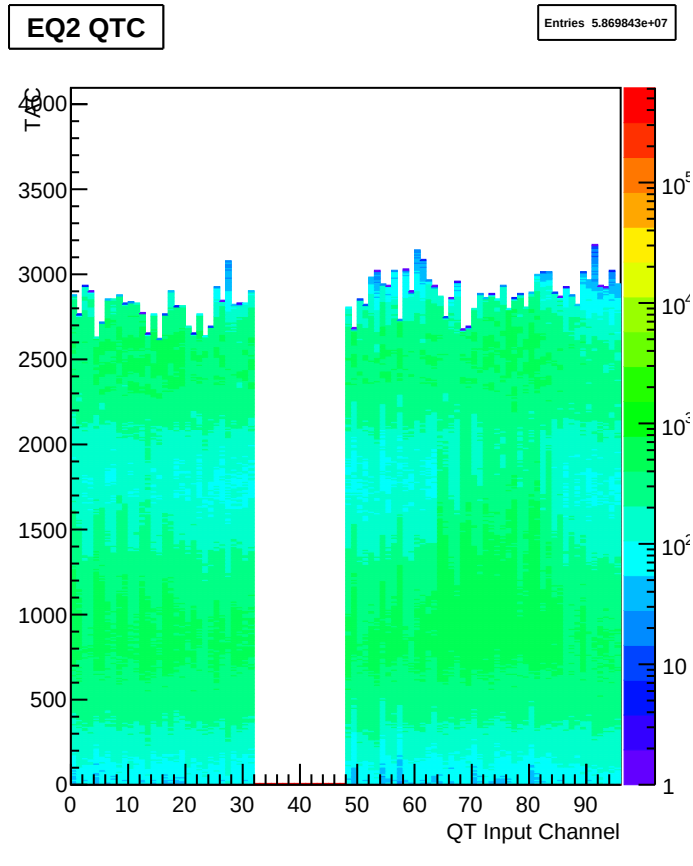

EQ1 QTC
Entries 5.869843e+07
ADC
QT Input Channel

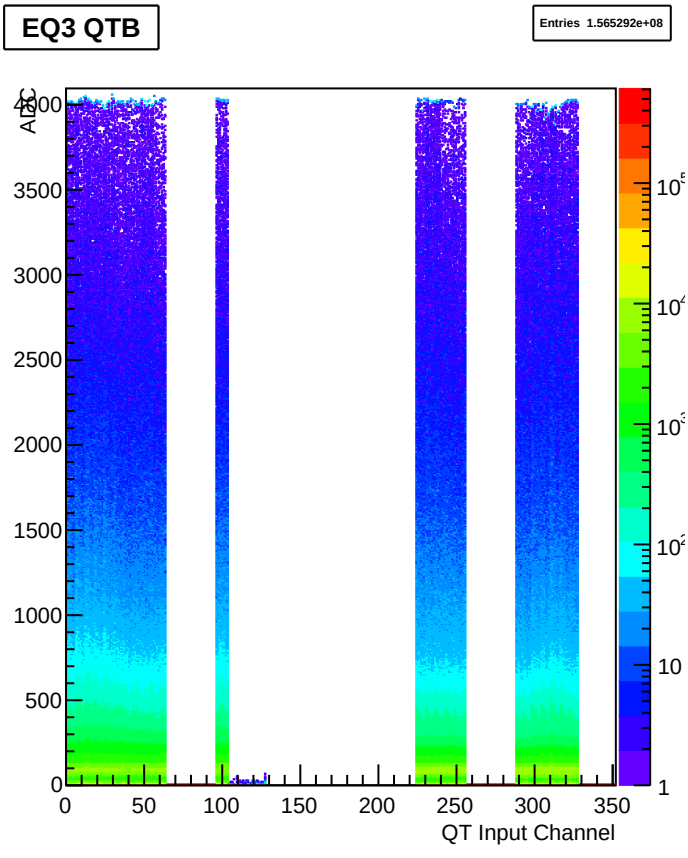

EQ1 QTC
Entries 5.869843e+07
TADC
QT Input Channel

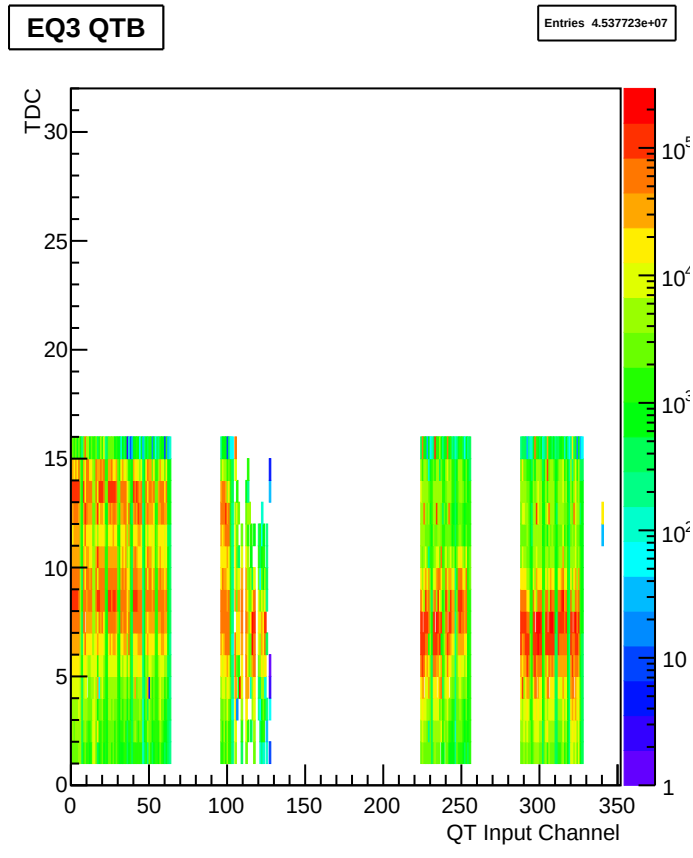

EQ2 QTB
Entries 1.760953e+08
ADC
QT Input Channel

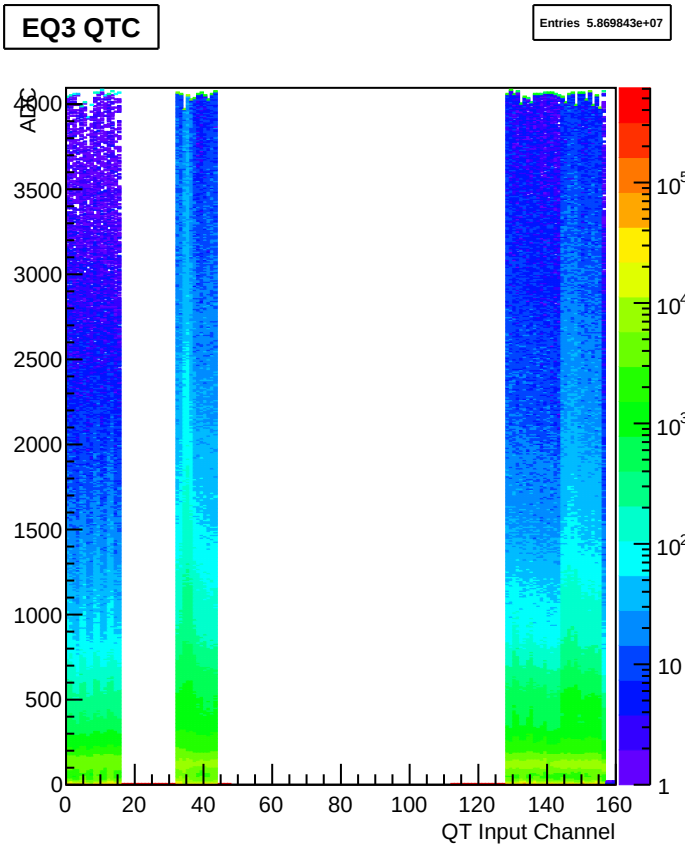

EQ2 QTB
Entries 4.562523e+07
TDC
QT Input Channel

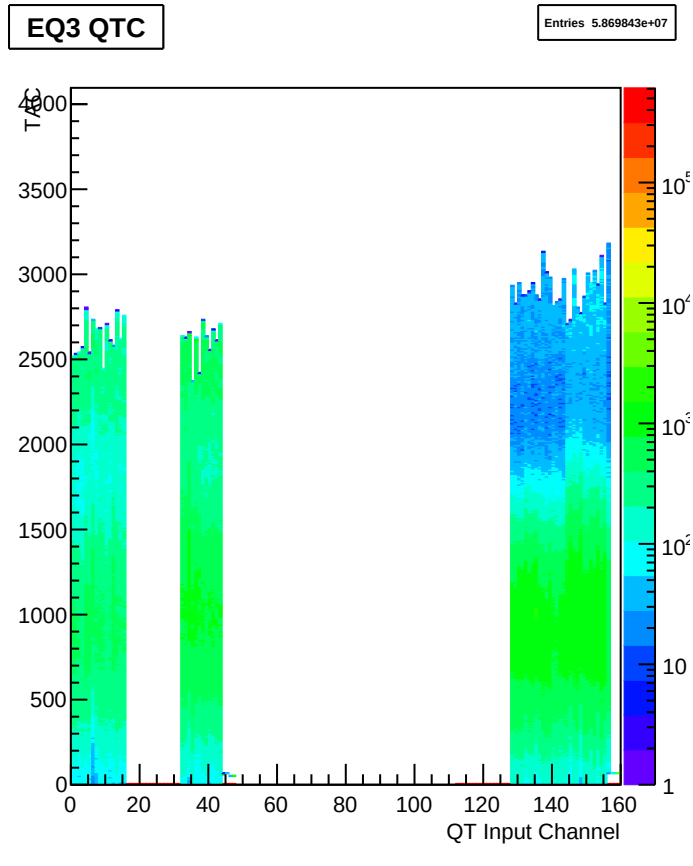

EQ2 QTC
Entries 5.869843e+07
ADC
QT Input Channel

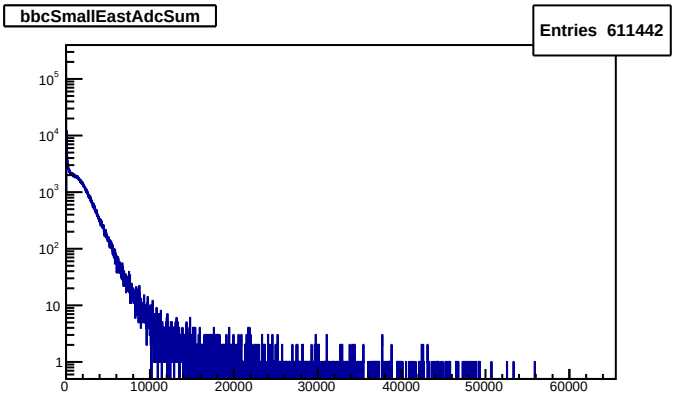

EQ2 QTC
Entries 5.869843e+07
TADC
QT Input Channel

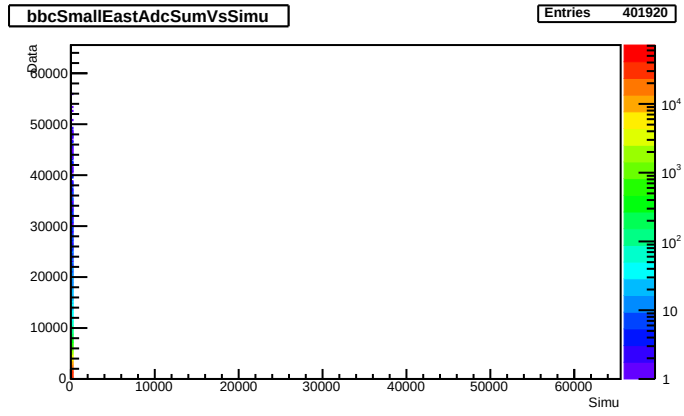

EQ3 QTB
Entries 1.565292e+08
ADC
QT Input Channel

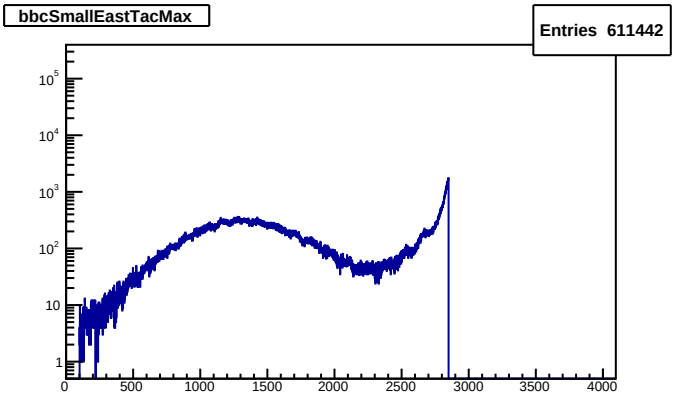

EQ3 QTB
Entries 4.537723e+07
TDC
QT Input Channel

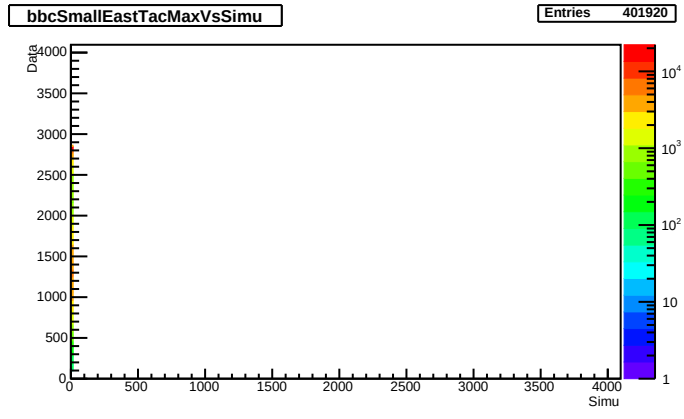

EQ3 QTC
Entries 5.869843e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.869843e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 611442


bbcSmallEastAdcSumVsSimu
Entries 401920
Data
Simu


bbcSmallEastTacMax
Entries 611442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Entries 401920
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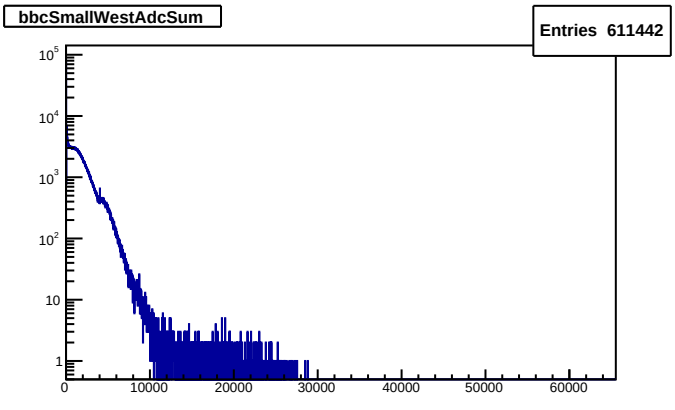
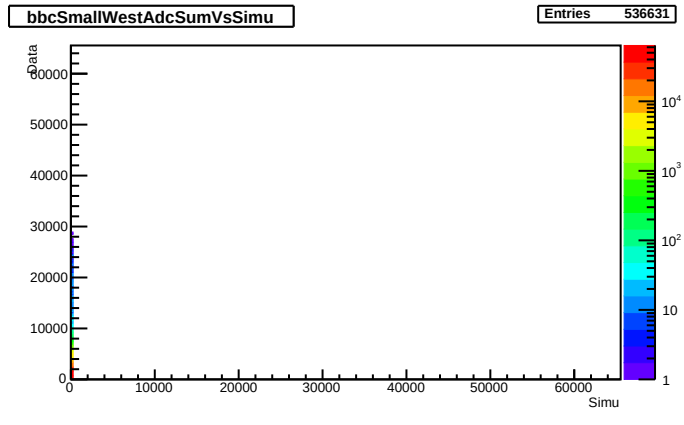

bbcSmallWestAdcSum
Entries 611442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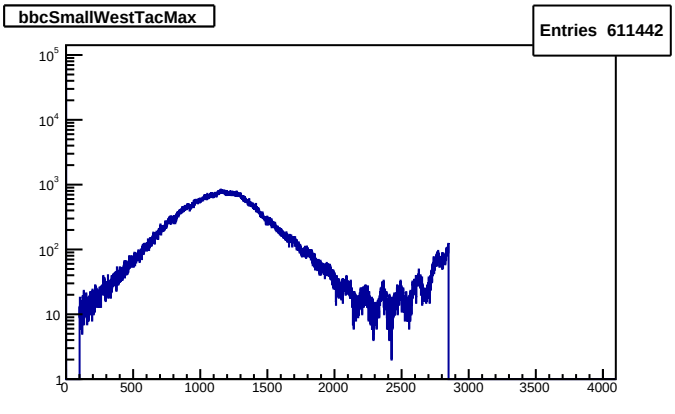
Entries 536631
Data
Simu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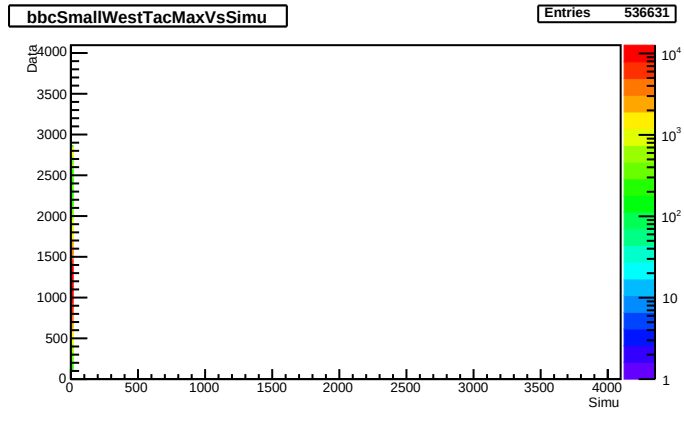
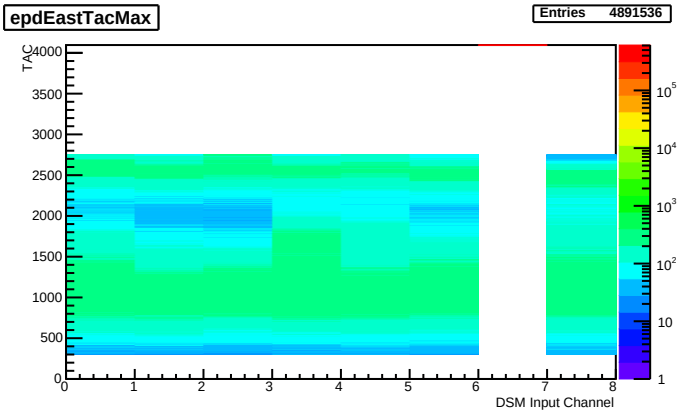
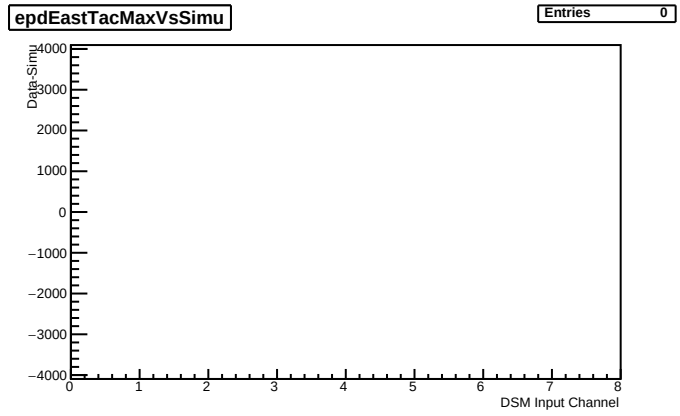
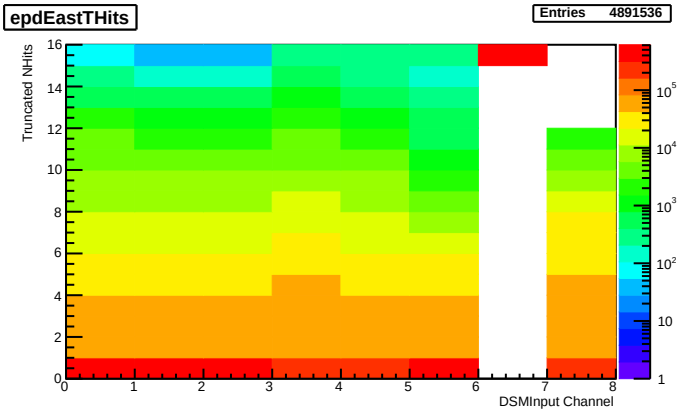
Entries 611442


bbcSmallWestTacMaxVsSimu
Entries 536631
Data
Simu


epdEastTacMax
Entries 4891536
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 4891536
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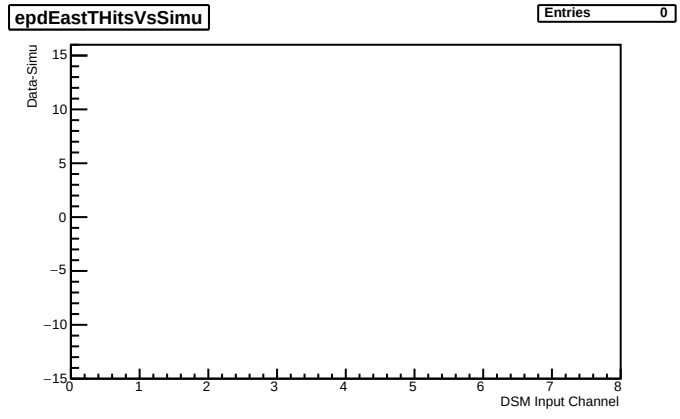
DSMInput Channel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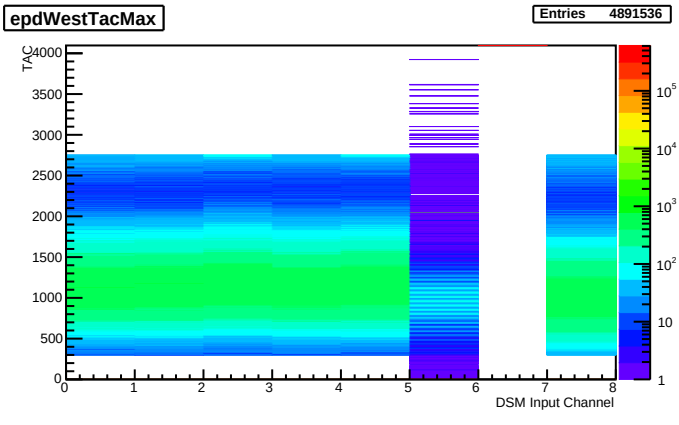
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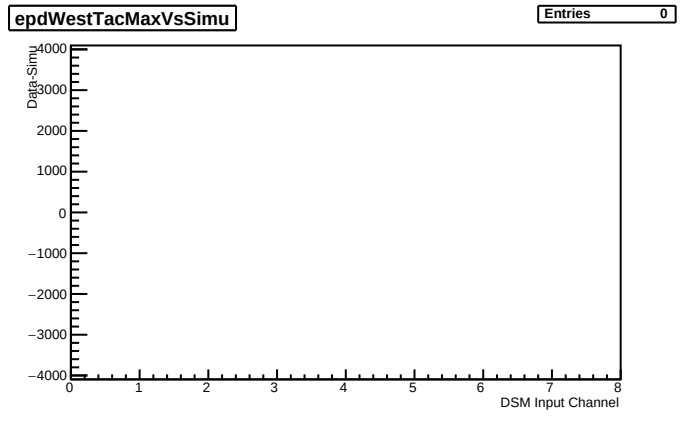
TAC
DSM Input Channel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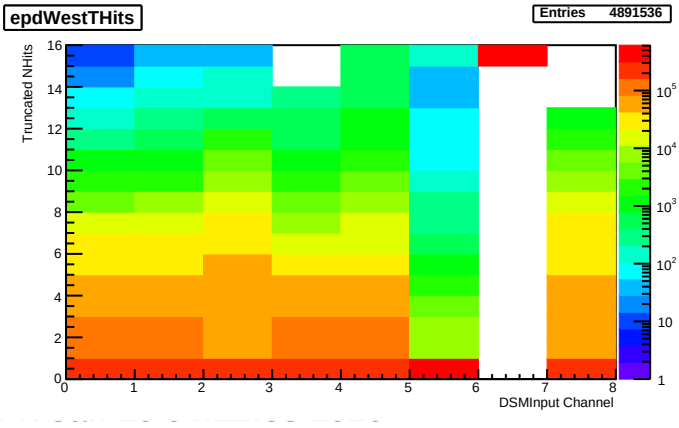
Data-Simu
DSM Input Channel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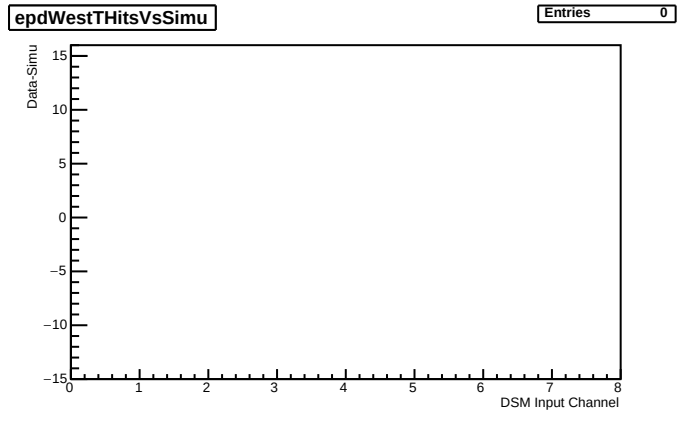
Entries 4891536
Truncated NHits
DSMInput Channel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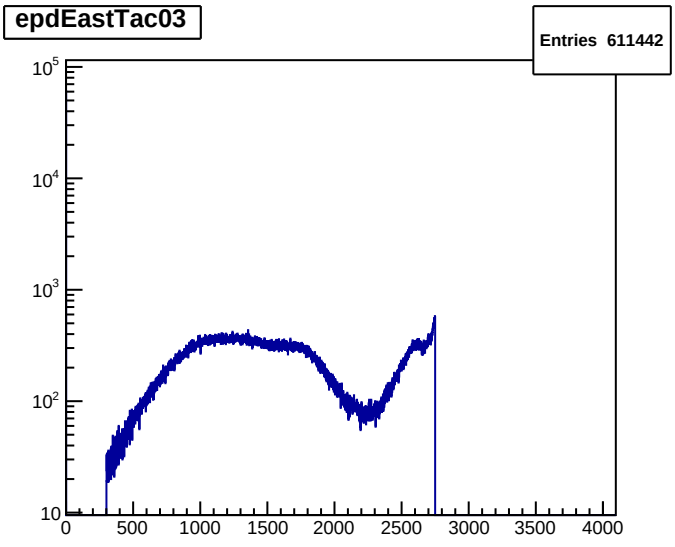
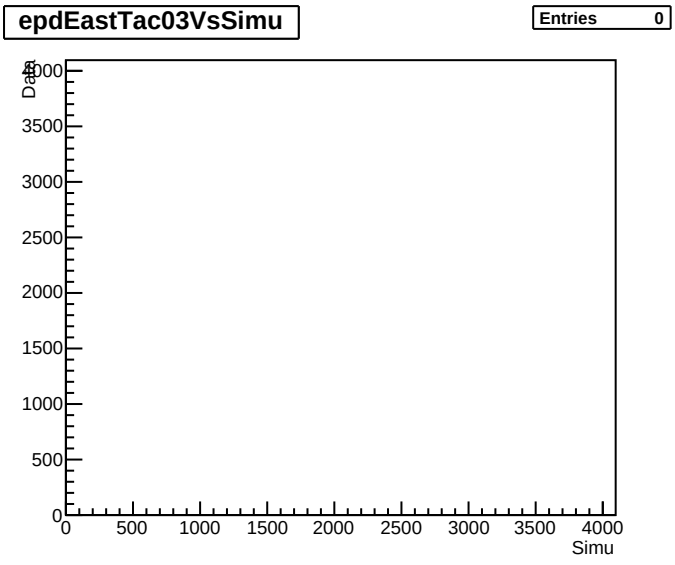
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 611442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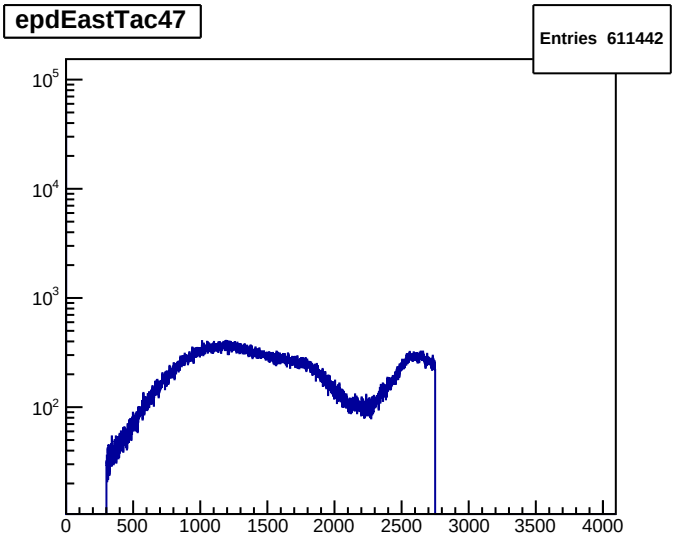
Entries 0
Data
Simu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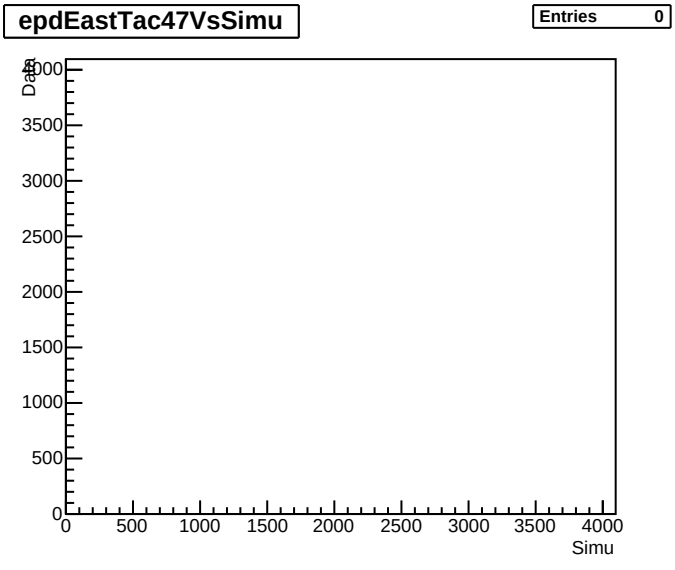
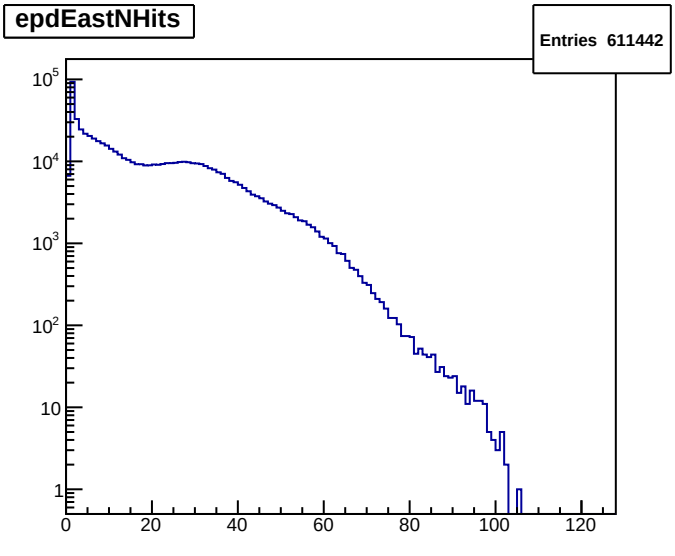
Entries 611442


epdEastTac47VsSimu
Entries 0
Data
Simu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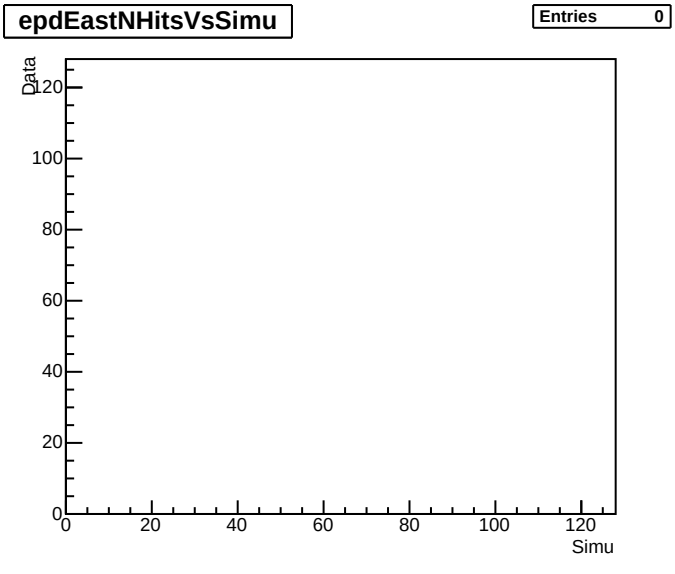
Entries 611442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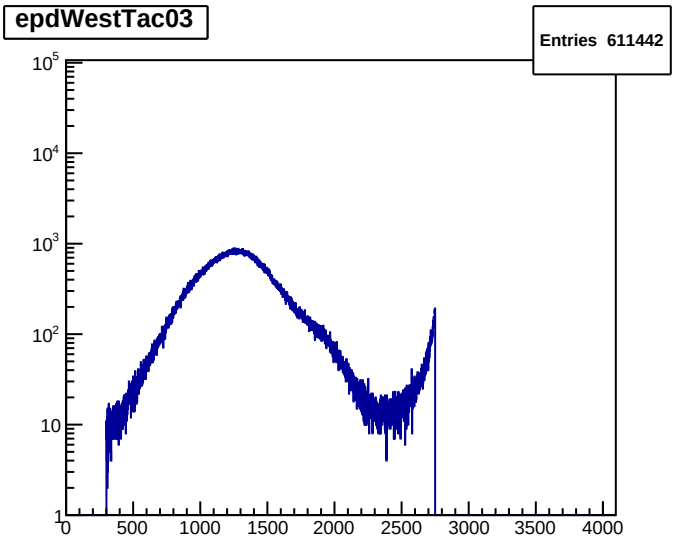
Entries 0
Data
Simu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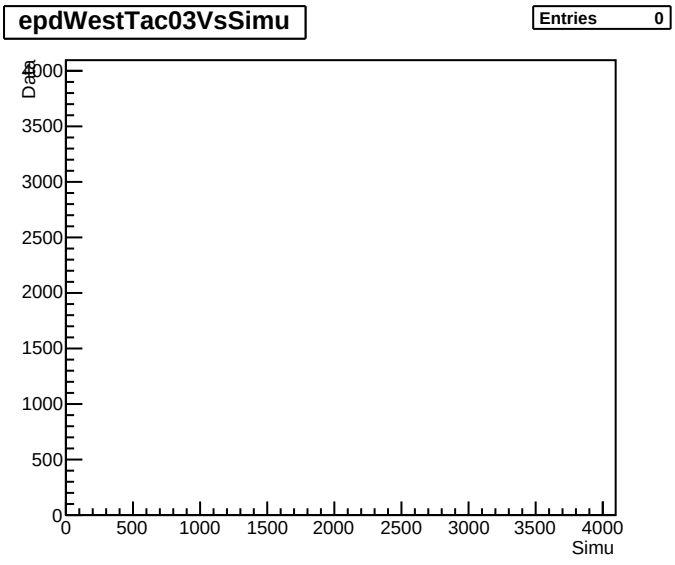
Entries 611442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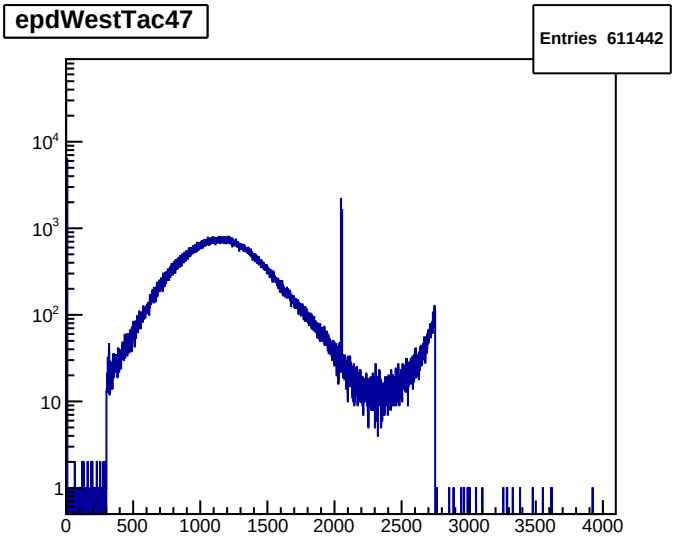
Entries 0
Data
Simu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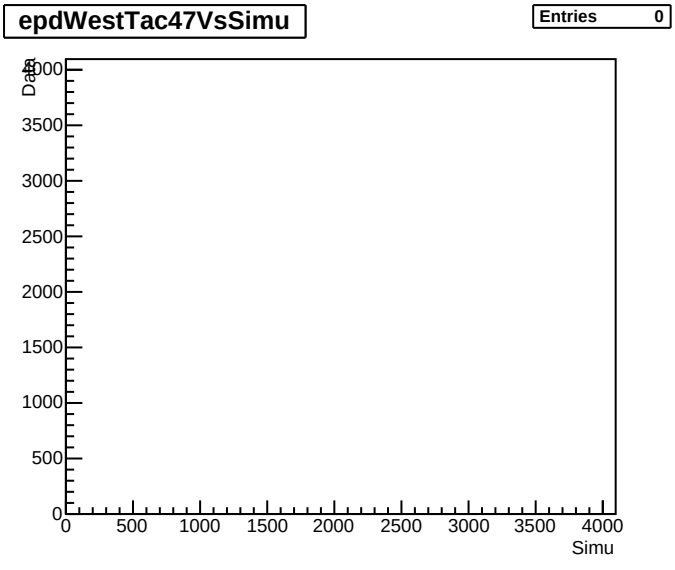
Entries 611442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Data
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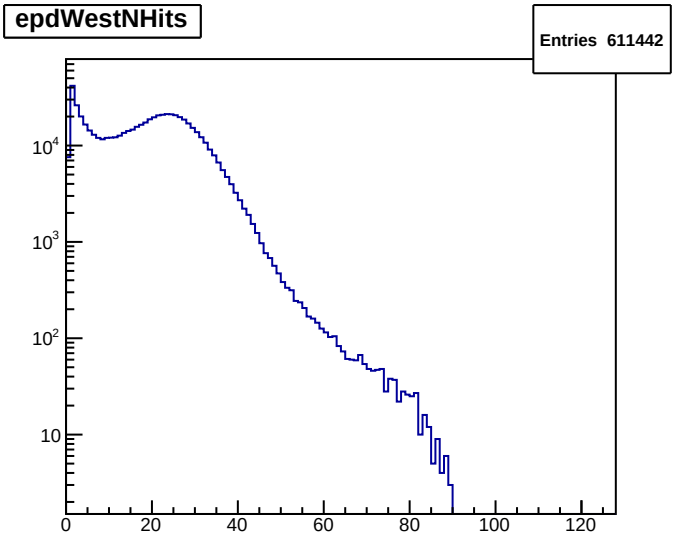
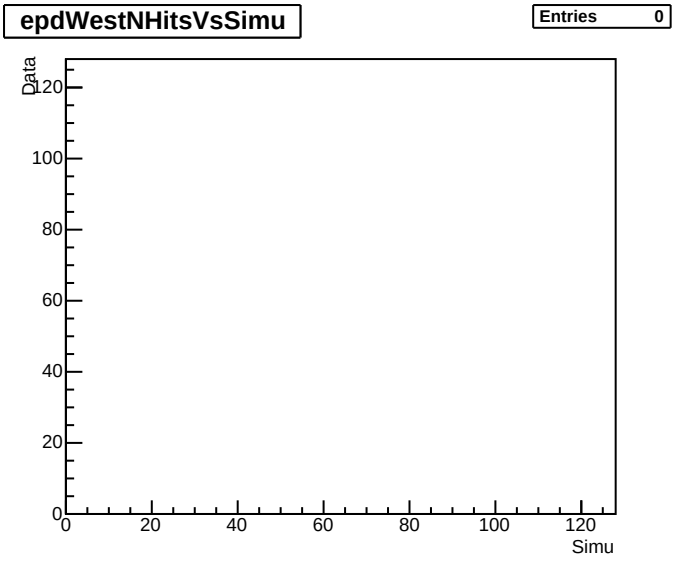
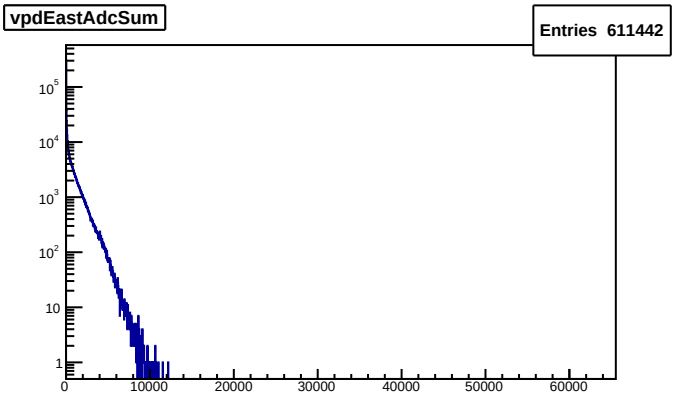
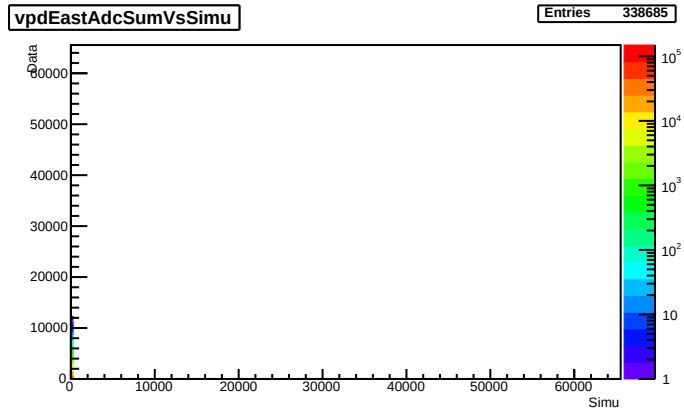

epdWestNHits
Entries 611442


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 611442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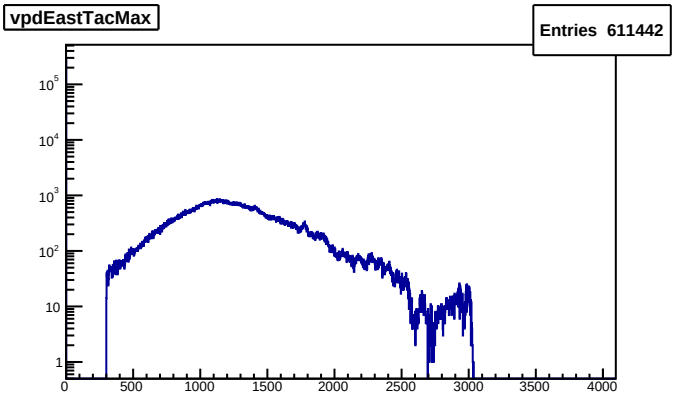
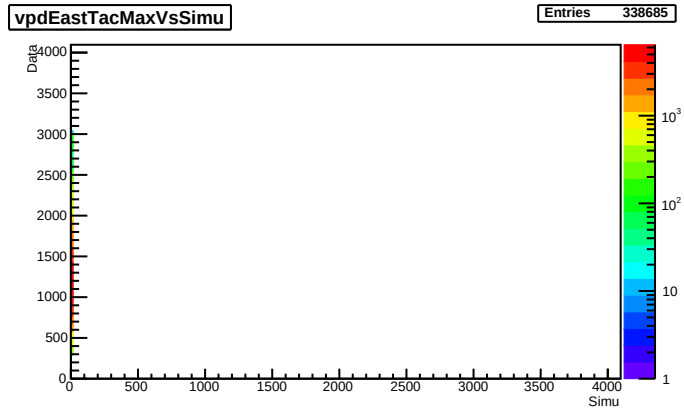
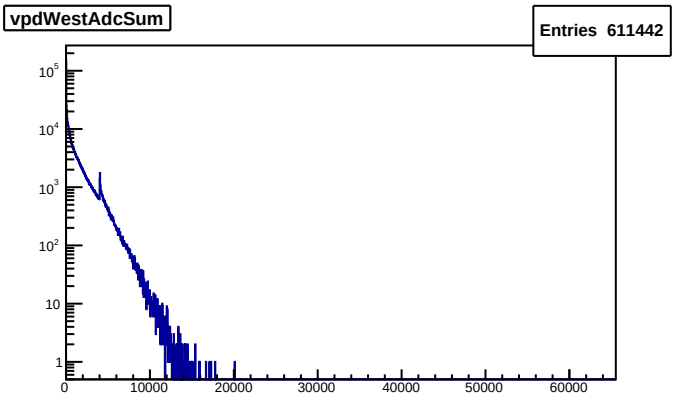
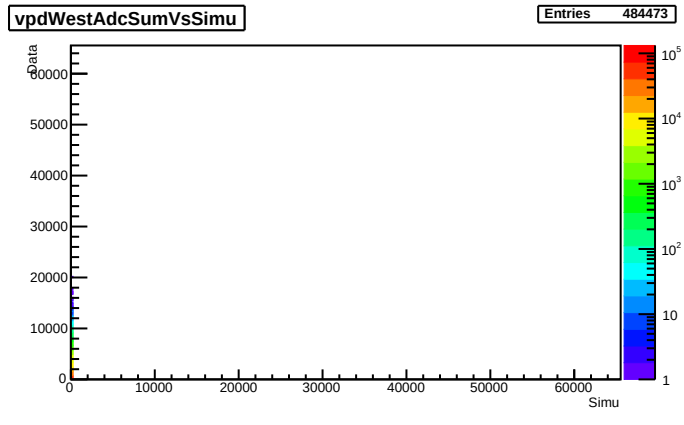
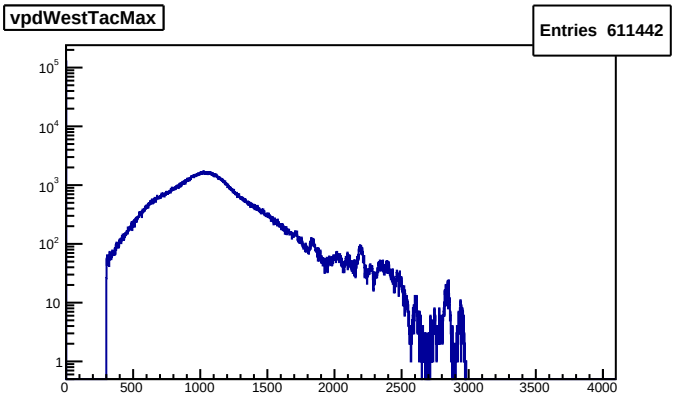
Entries 338685
Data
Simu

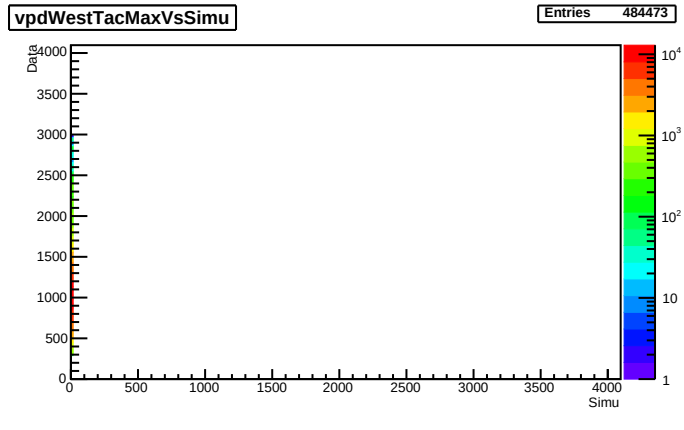

vpdEastTacMax
Entries 611442

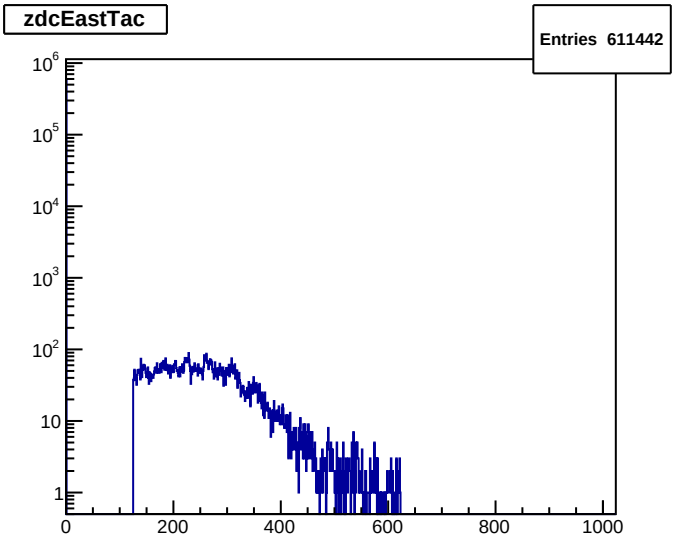

vpdEastTacMaxVsSimu
Entries 338685
Data
Simu

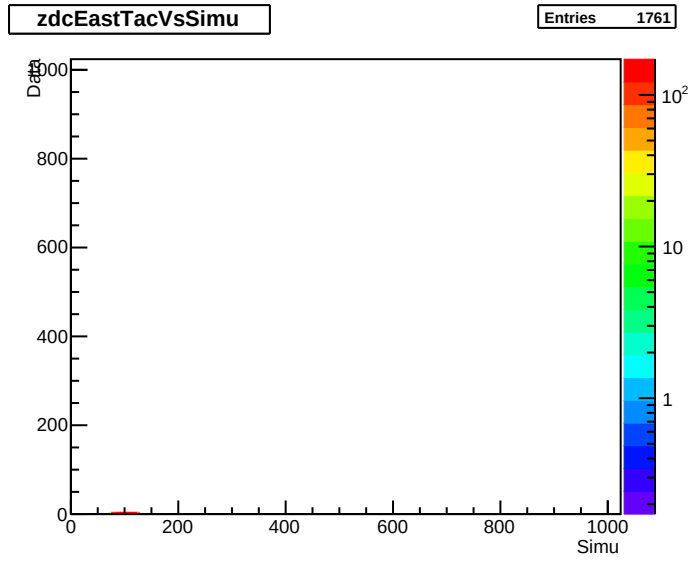

vpdWestAdcSum
Entries 611442

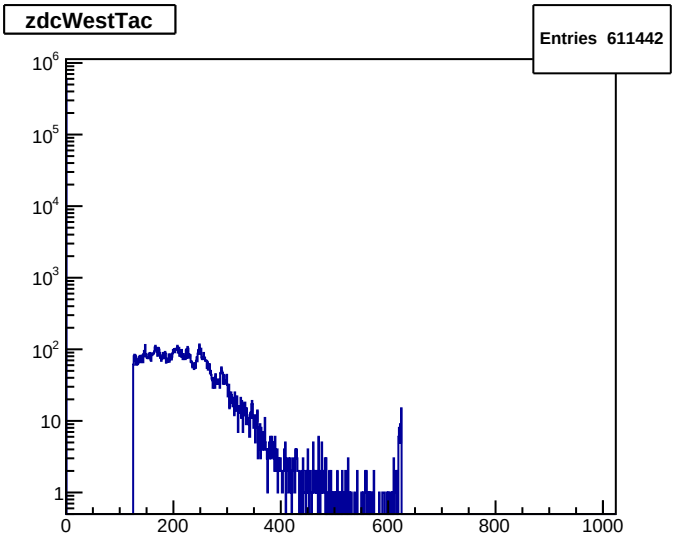

vpdWestAdcSumVsSimu
Entries 484473
Data
Simu

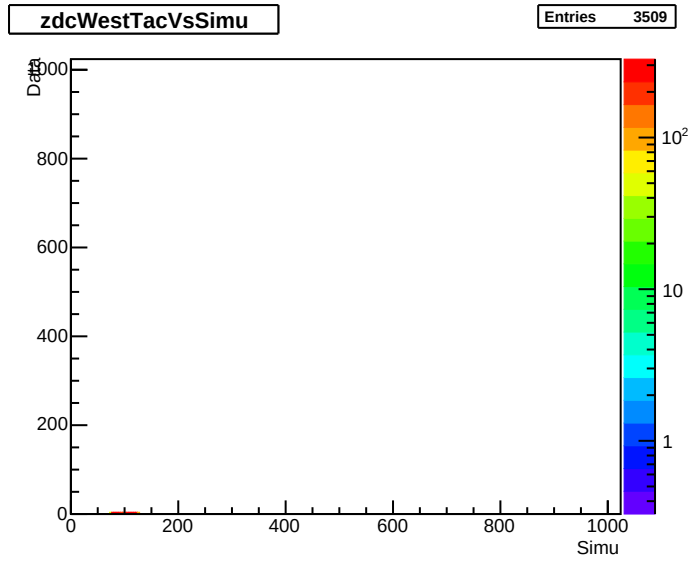

vpdWestTacMax
Entries 611442

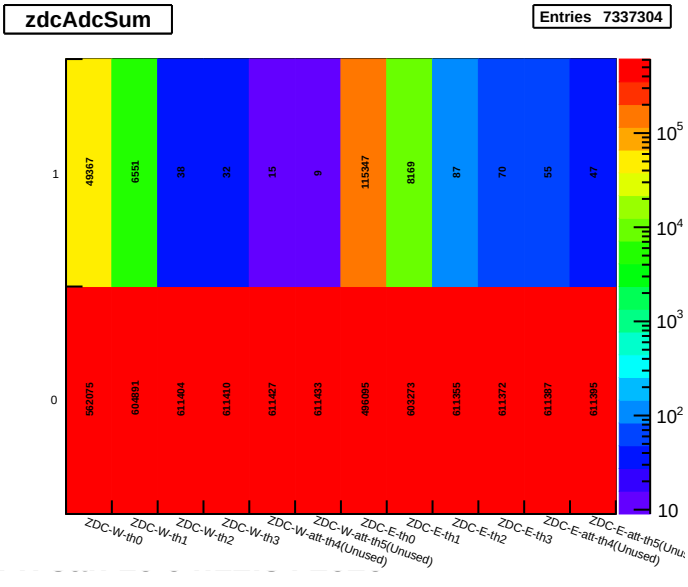

vpdWestTacMaxVsSimu
Entries 484473
Data
Simu

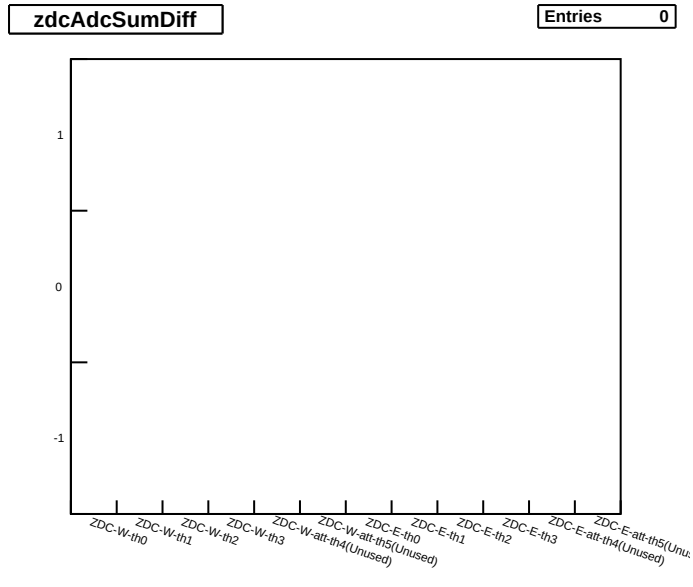

zdcEastTac
Entries 611442

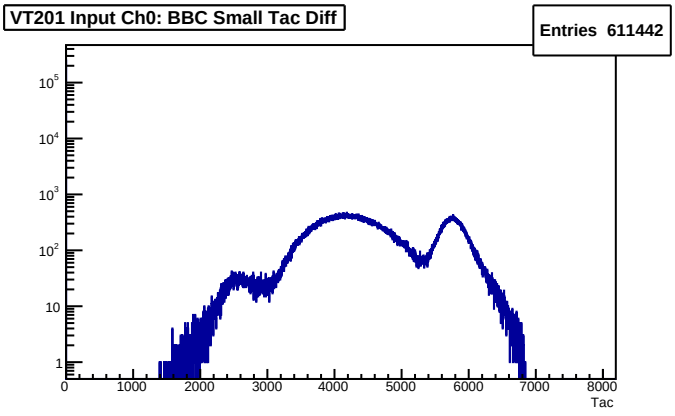

zdcEastTacVsSimu
Entries 1761
Data
Simu

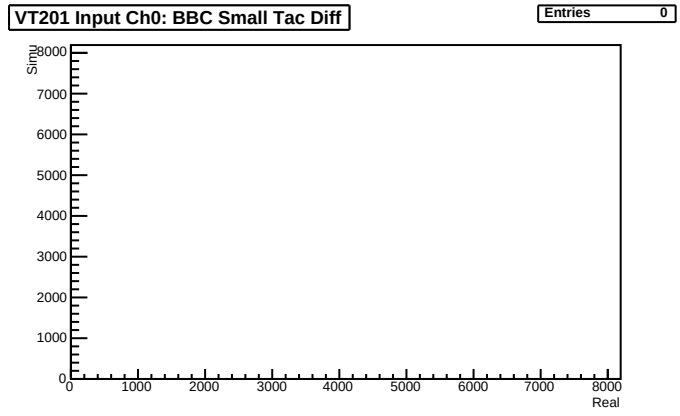

zdcWestTac
Entries 611442

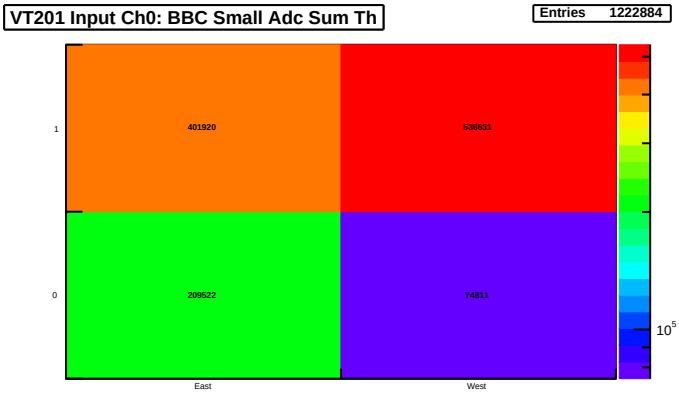

zdcWestTacVsSimu
Entries 3509
Data
Simu

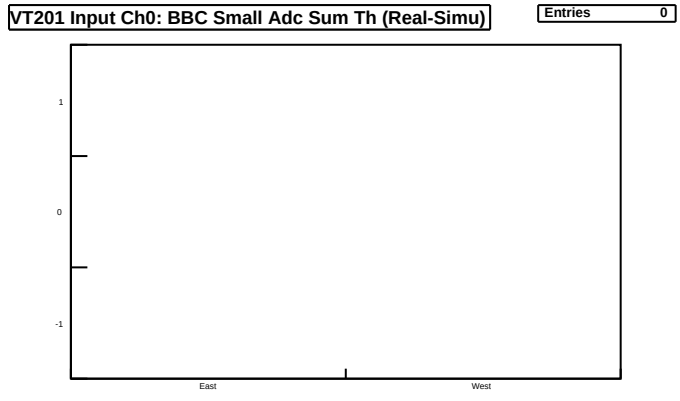

zdcAdcSum
Entries 7337304
49367
6551
38
32
15
9
115347
8169
87
70
55
47
562075
604891
611404
611410
611427
611433
496095
603273
611355
611372
611387
611395
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

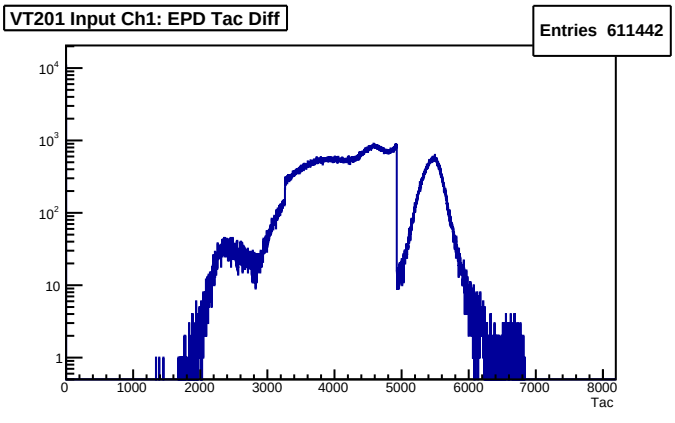

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

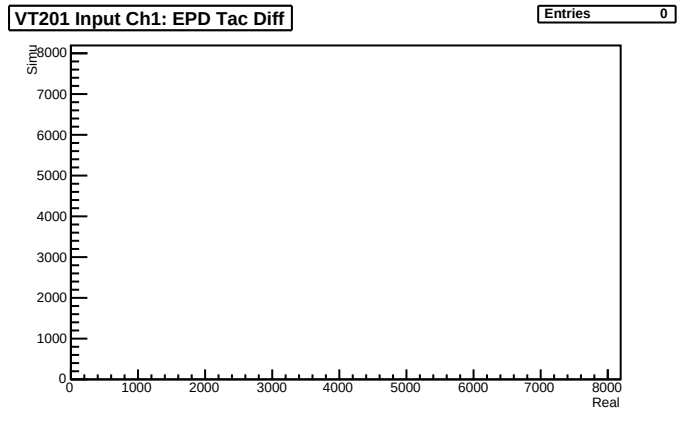

VT201 Input Ch0: BBC Small Tac Diff
Entries 611442
Tac

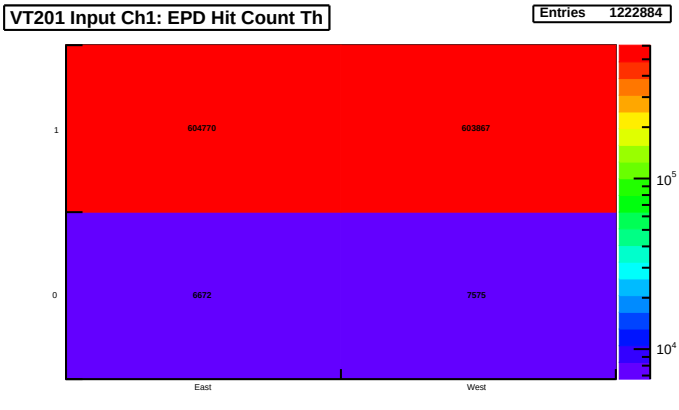

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

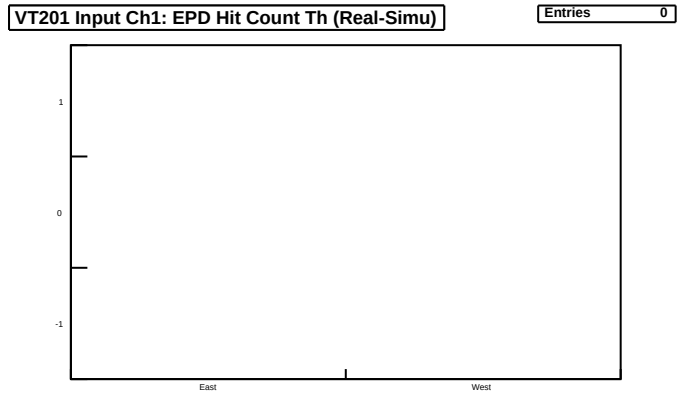

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1222884
401920
536631
209522
74811
East
West

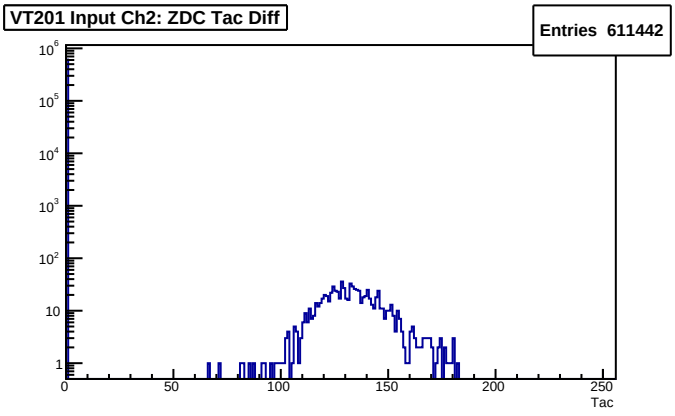

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

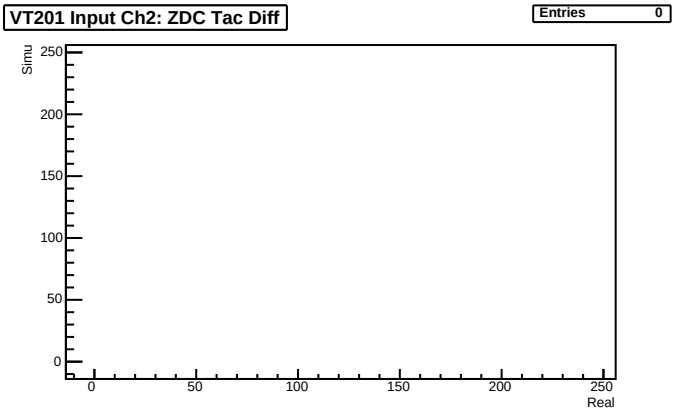

VT201 Input Ch1: EPD Tac Diff
Entries 611442
Tac

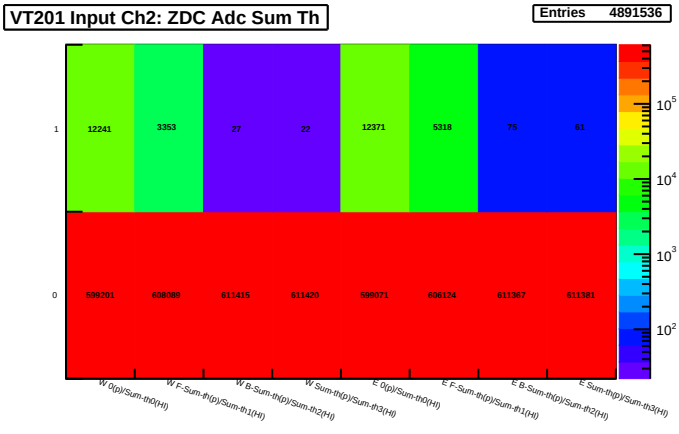

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

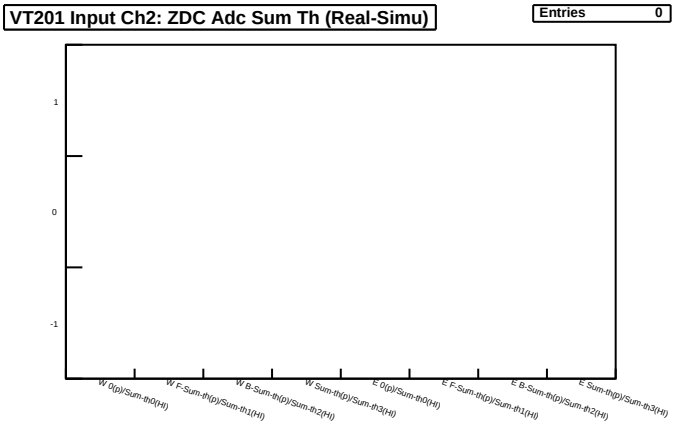

VT201 Input Ch1: EPD Hit Count Th
Entries 1222884
604770
603867
6672
7575
East
West

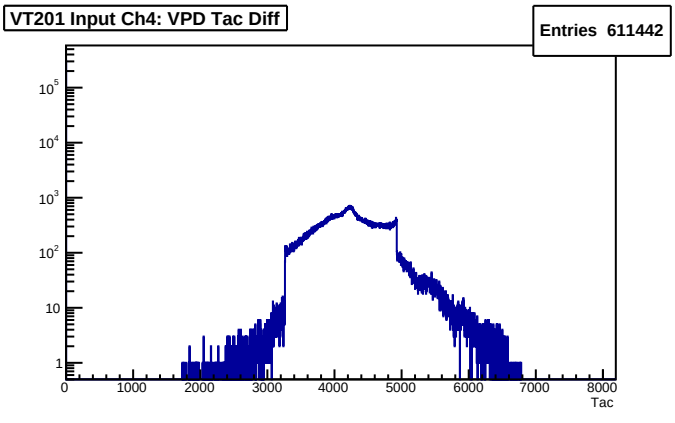

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

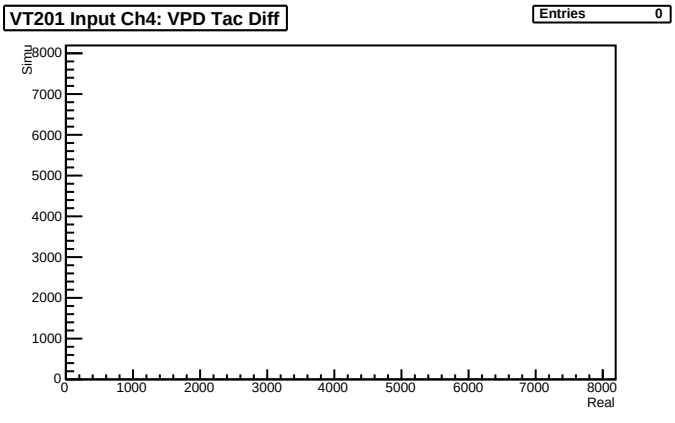

VT201 Input Ch2: ZDC Tac Diff
Entries 611442
Tac

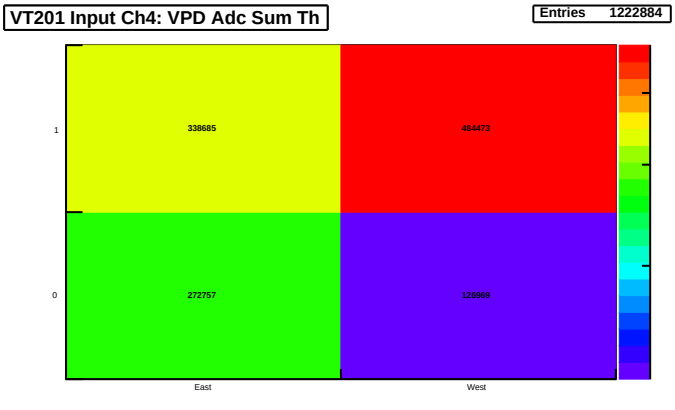

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

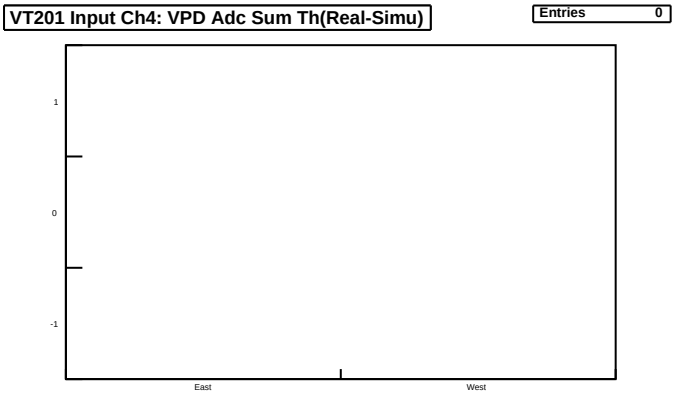

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4891536
12241
3353
27
22
12371
5318
75
61
599201
608089
611415
611420
599071
606124
611367
611381
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

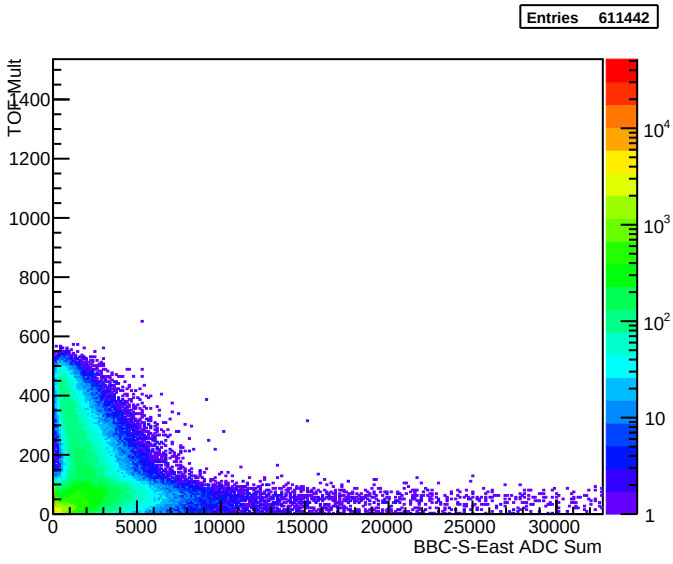

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

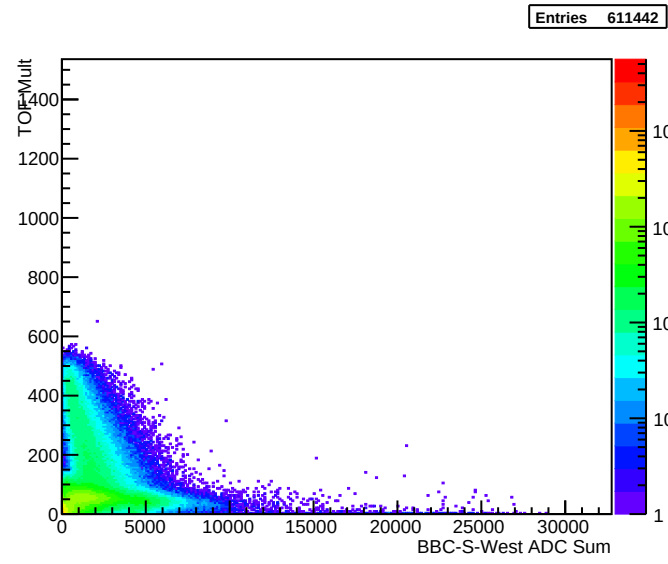

VT201 Input Ch4: VPD Tac Diff
Entries 611442
Tac

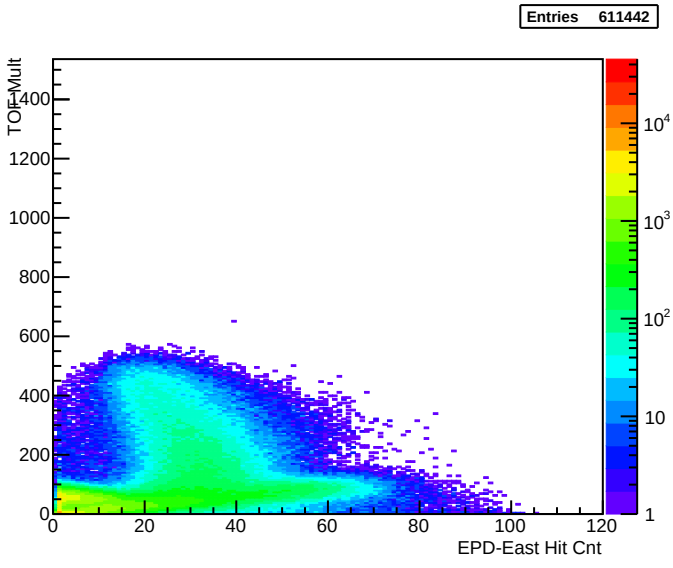

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

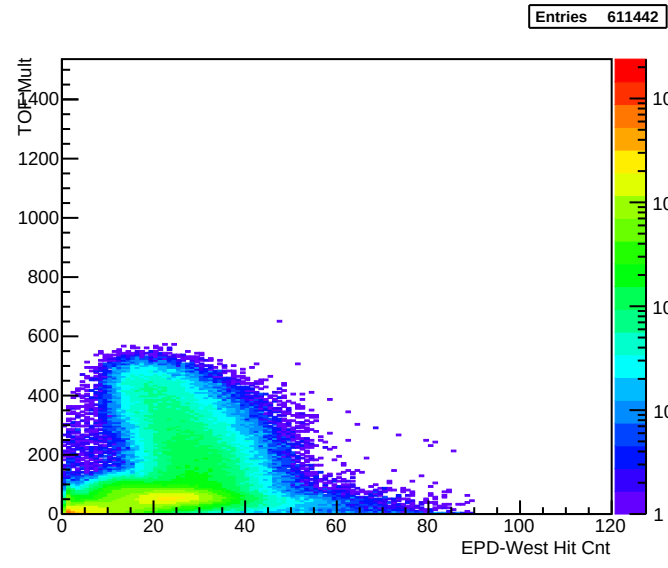

VT201 Input Ch4: VPD Adc Sum Th
Entries 1222884
338685
484473
272757
126969
East
West

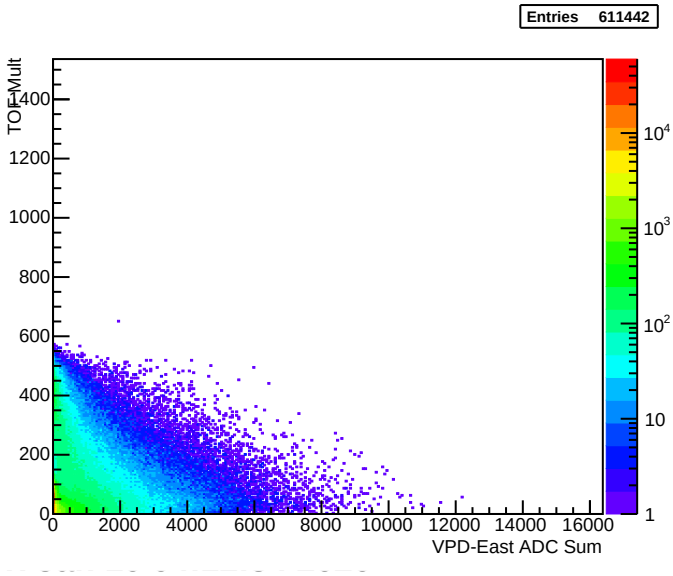

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

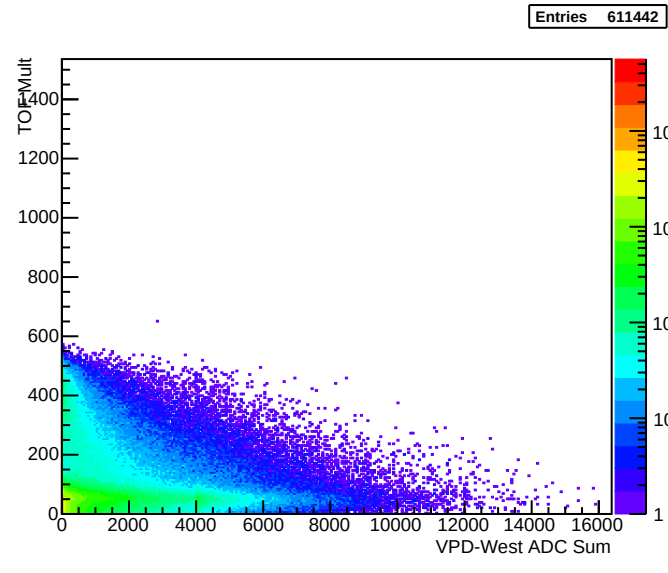

Entries 611442
TOF-Mult
BBC-S-East ADC Sum

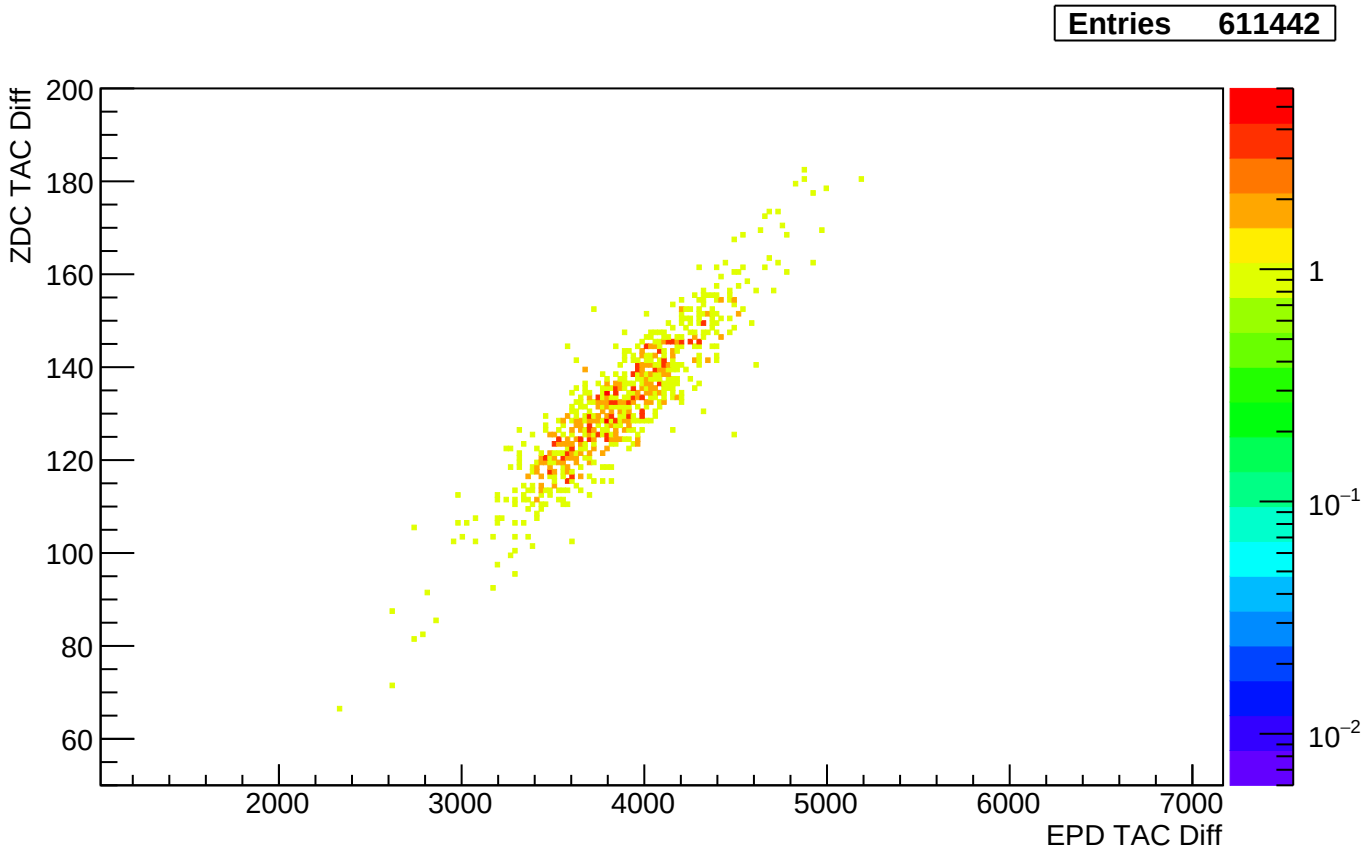

Entries 611442
TOF-Mult
BBC-S-West ADC Sum

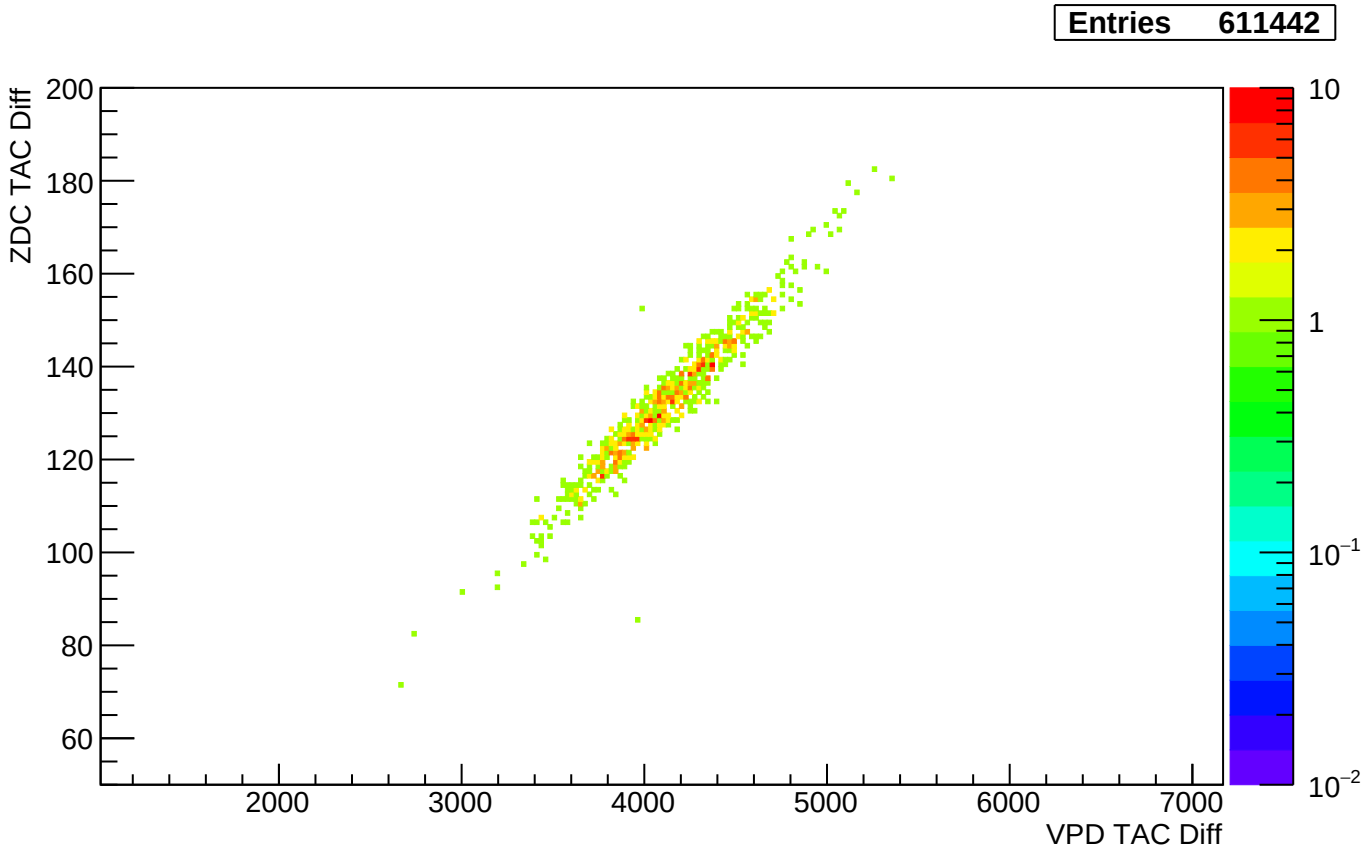

Entries 611442
TOF-Mult
EPD-East Hit Cnt

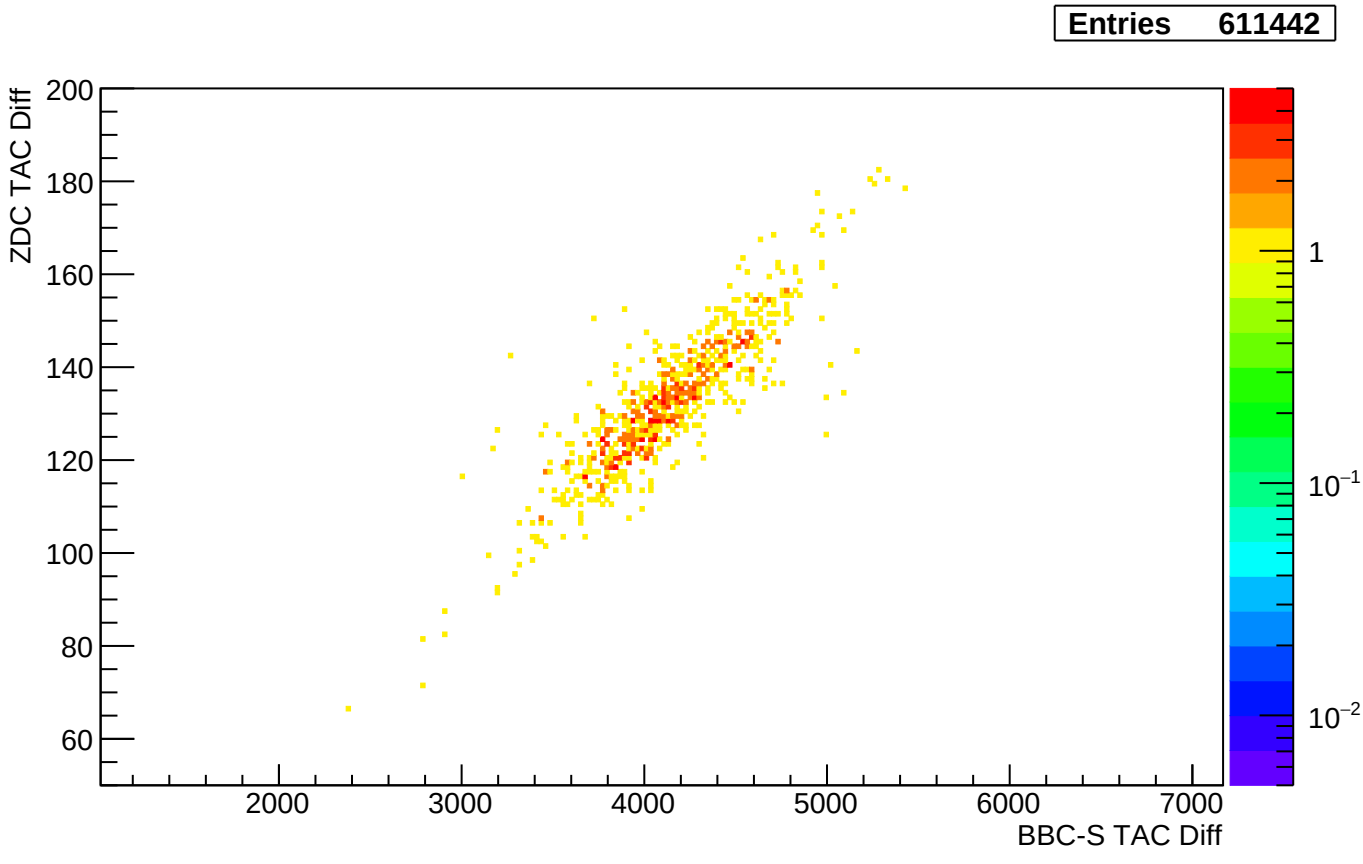

Entries 611442
TOF-Mult
EPD-West Hit Cnt

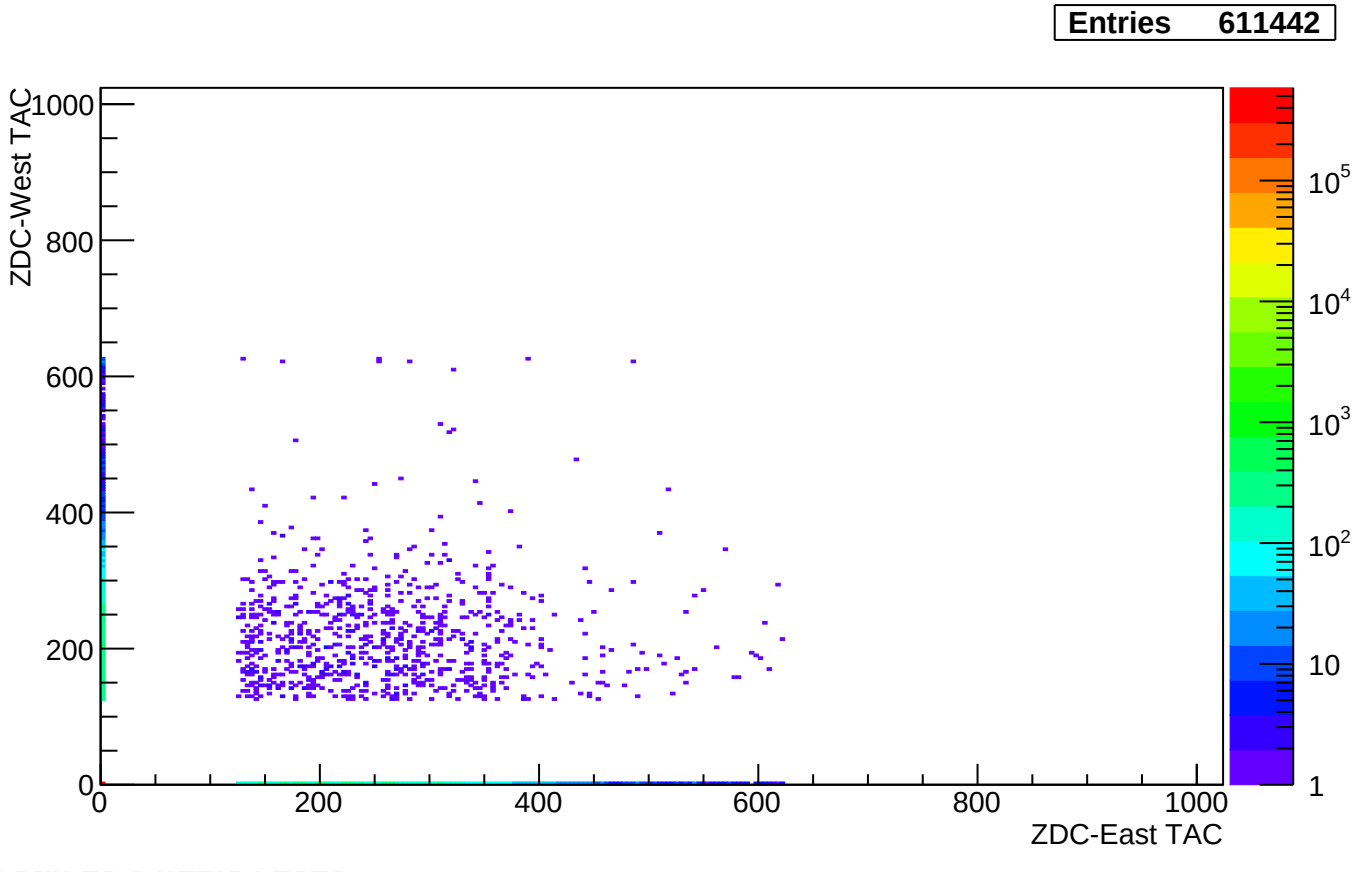

Entries 611442
TOF-Mult
VPD-East ADC Sum

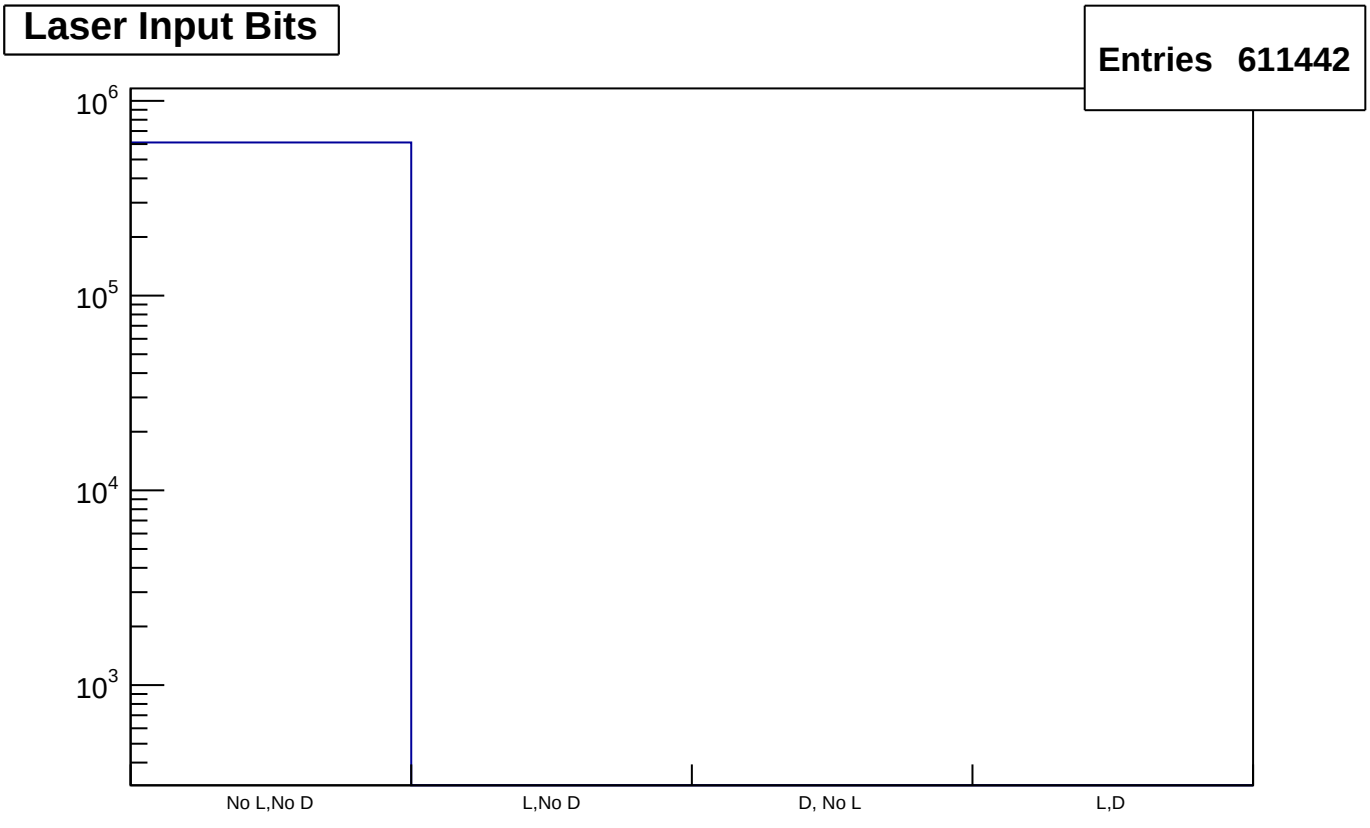

Entries 611442
TOF-Mult
VPD-West ADC Sum

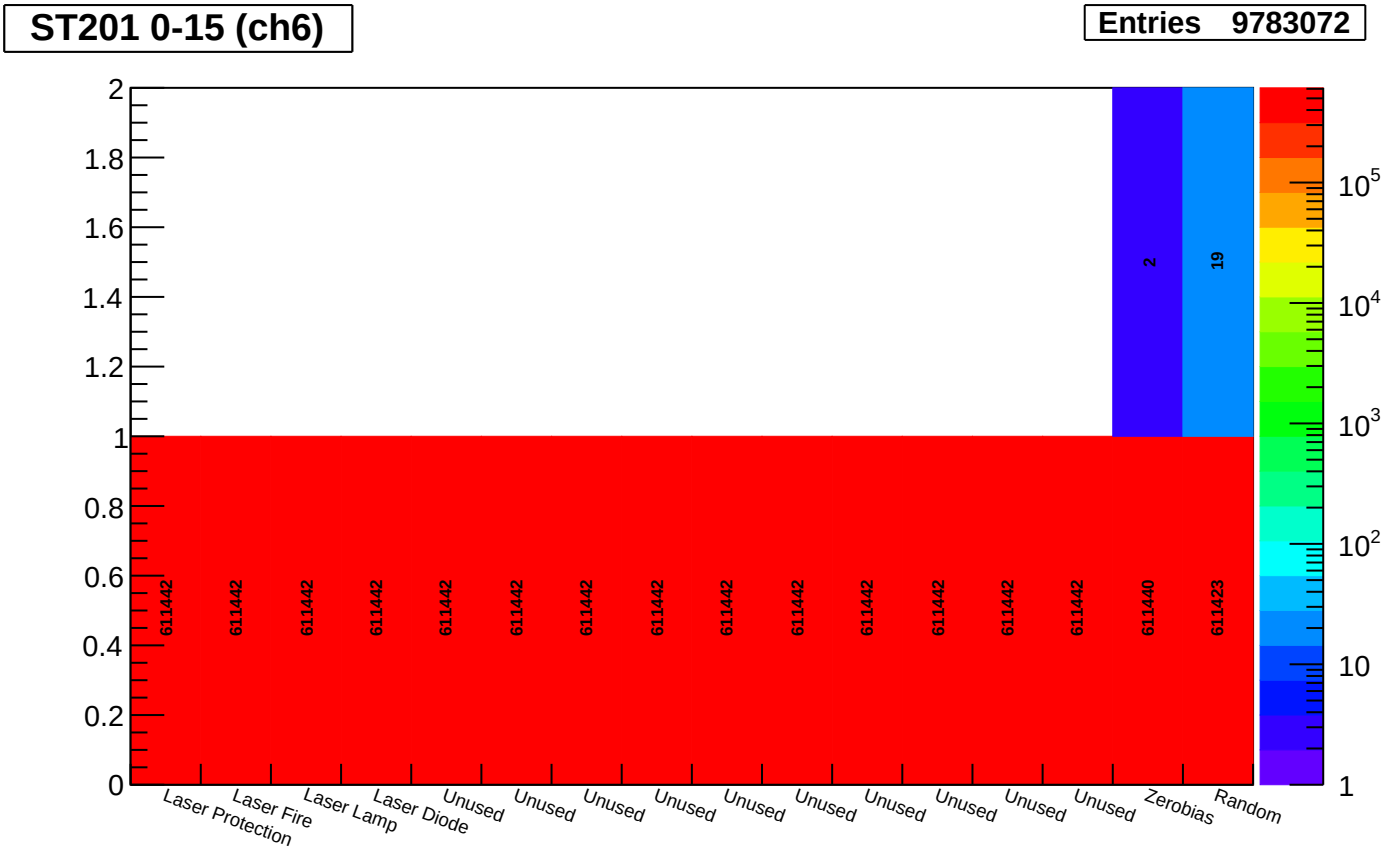

Entries 611442
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

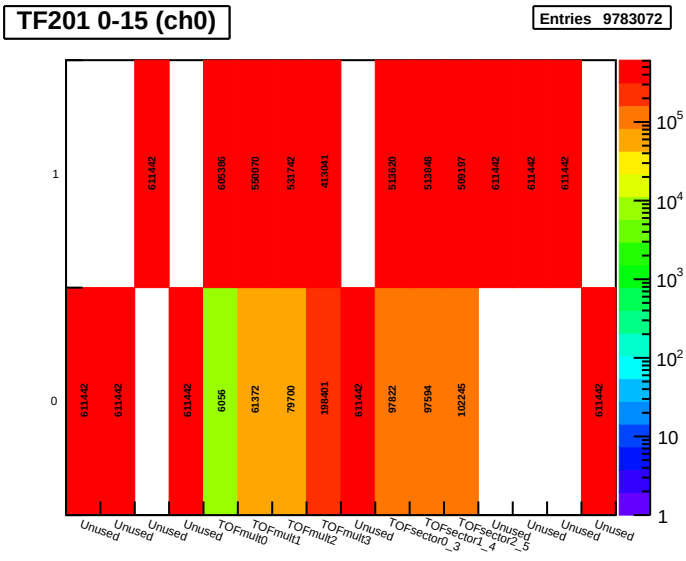

Entries 611442
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}
10^{-2}

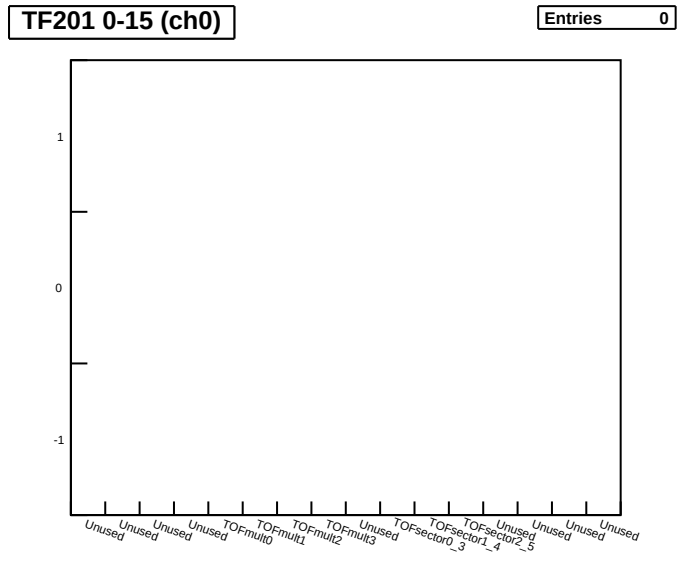

Entries 611442
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

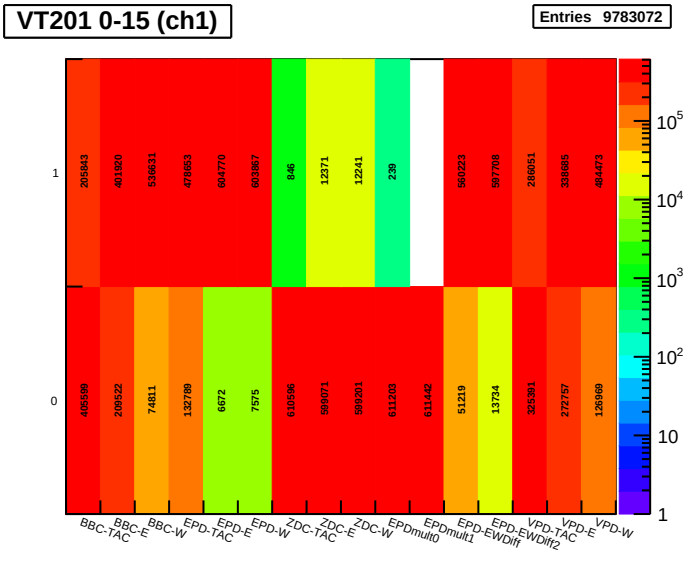

Entries 611442
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

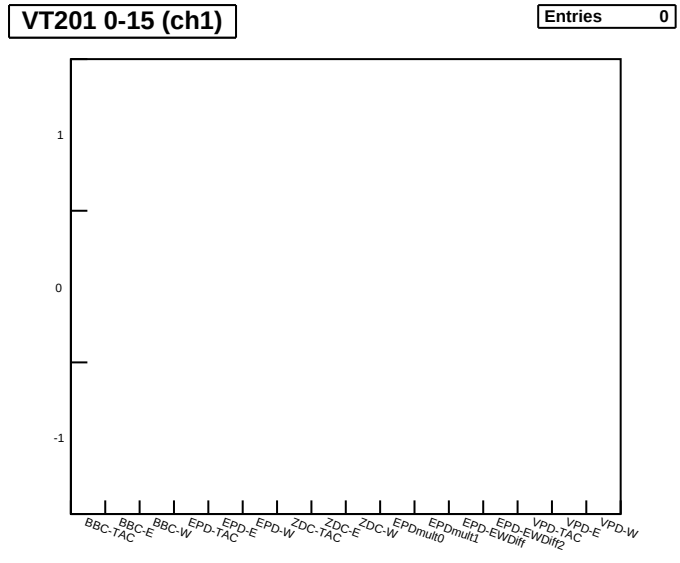

Laser Input Bits
Entries 611442
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

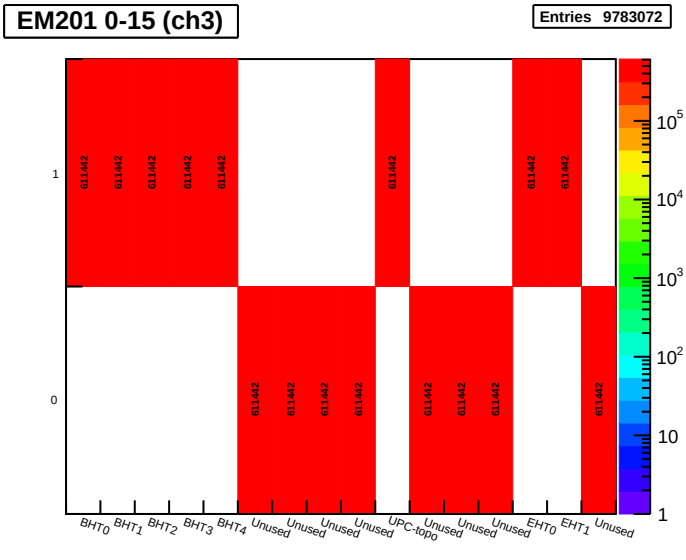

ST201 0-15 (ch6)
Entries 9783072
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
611442
611442
611442
611442
611442
611442
611442
611442
611442
611442
611442
611442
611442
611442
611440
611423
2
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 9783072
1
0
611442
605386
550070
531742
413041
513620
513848
509197
611442
611442
611442
611442
611442
611442
6056
61372
79700
198401
611442
97822
97594
102245
611442
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 9783072
1
0
205843
401920
536631
478653
604770
603857
846
12371
12241
239
560223
597708
286051
338685
484473
406599
209522
74811
132789
6672
7575
610596
599071
599201
611203
611442
51219
13734
325391
272757
126969
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 9783072
1
0
611442
611442
611442
611442
611442
611442
611442
611442
611442
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611442
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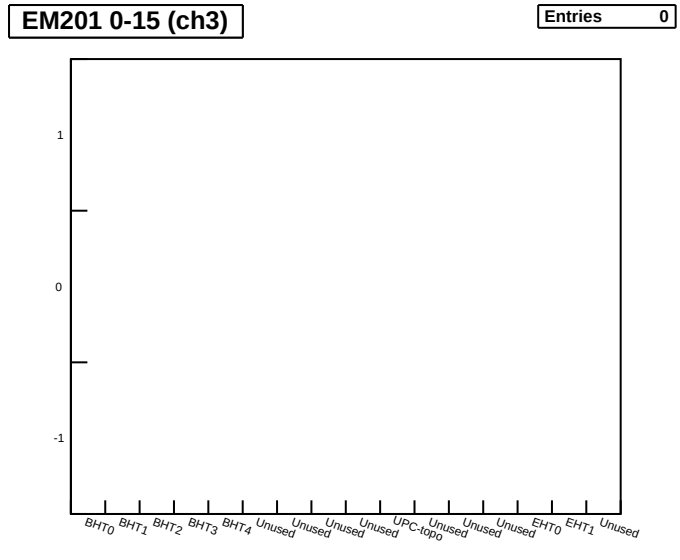
611442
611442
611442
611442
611442
611442
611442
611442
611442
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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