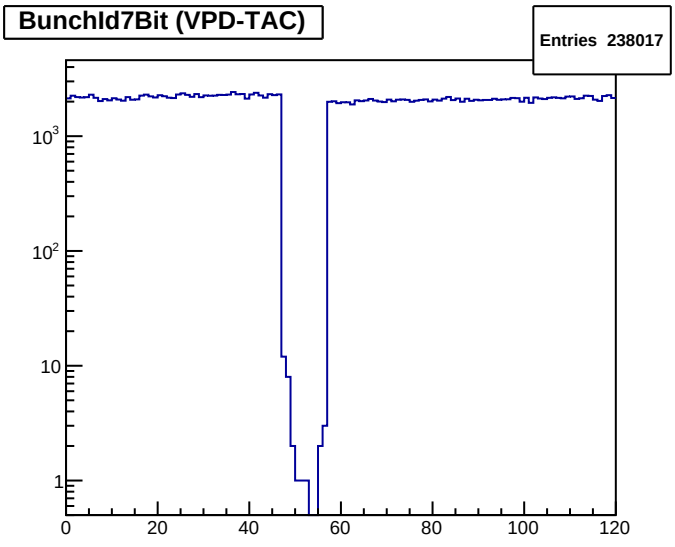
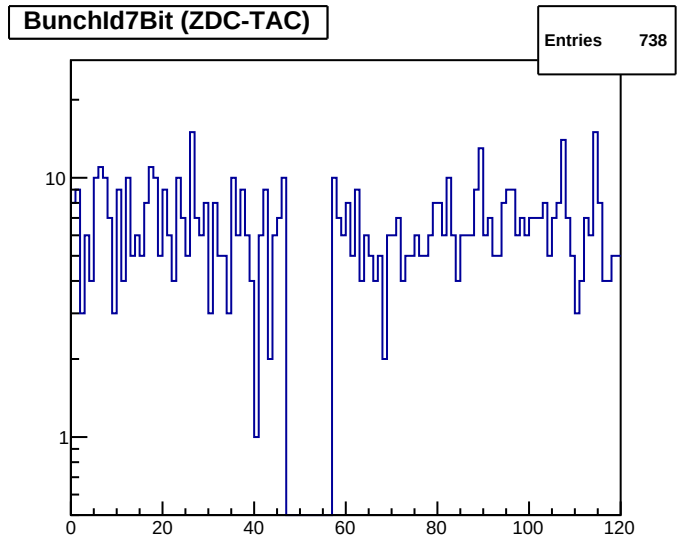
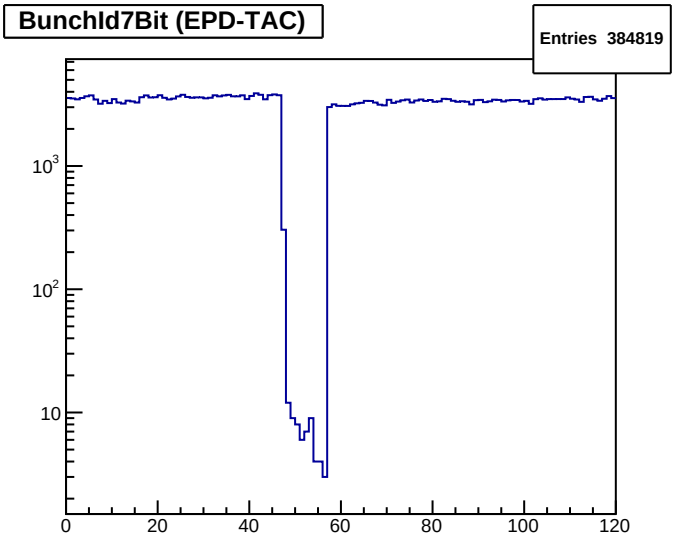
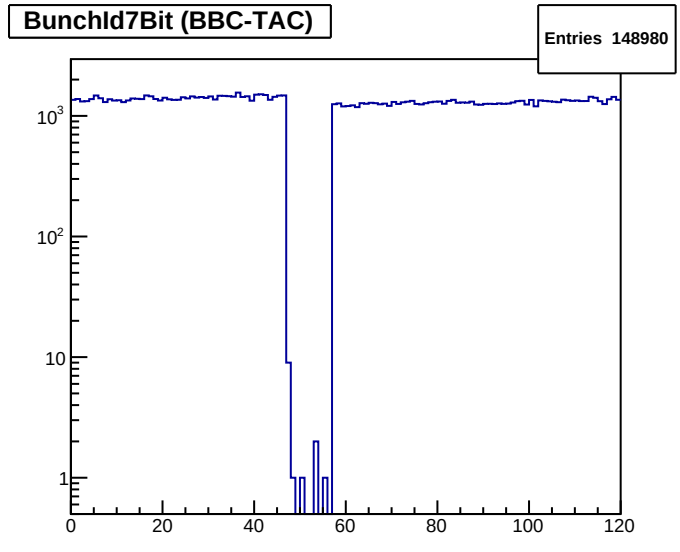
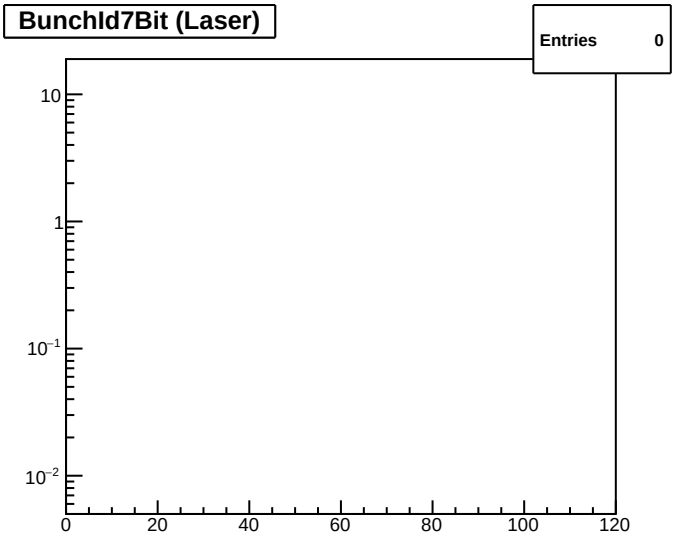
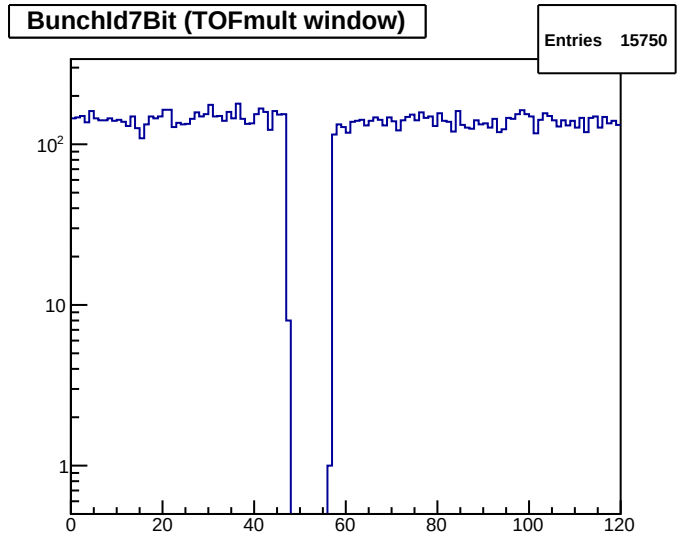

BunchId7Bit (VPD-TAC)
Entries 238017

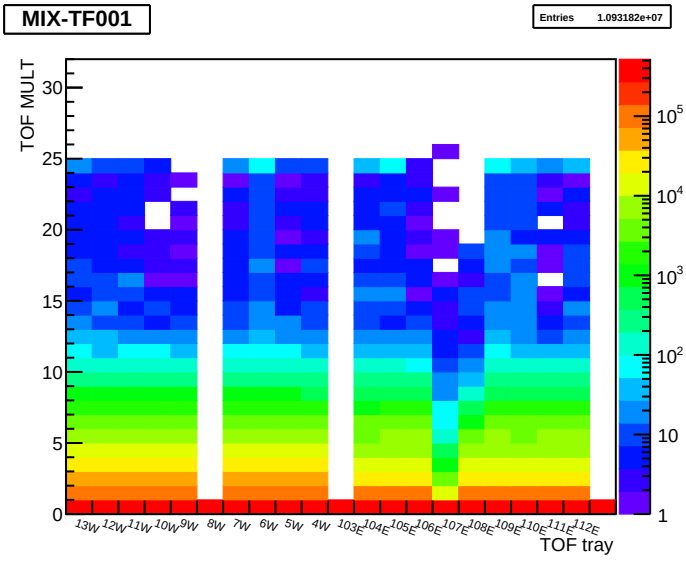

BunchId7Bit (ZDC-TAC)
Entries 738

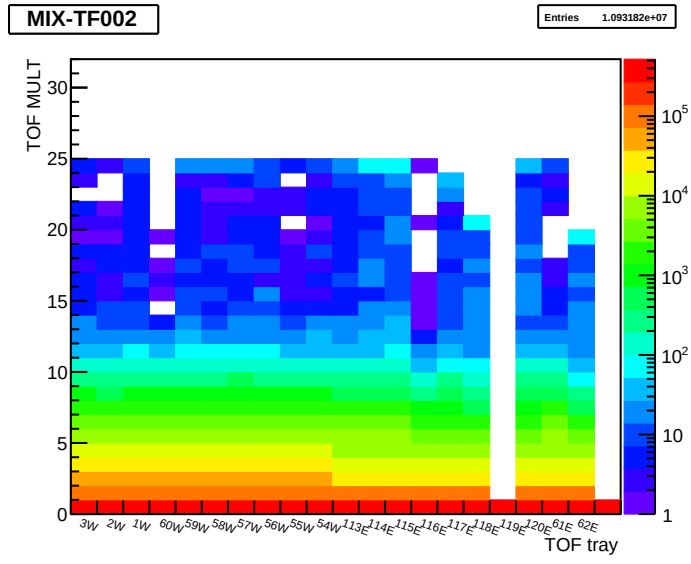

BunchId7Bit (EPD-TAC)
Entries 384819

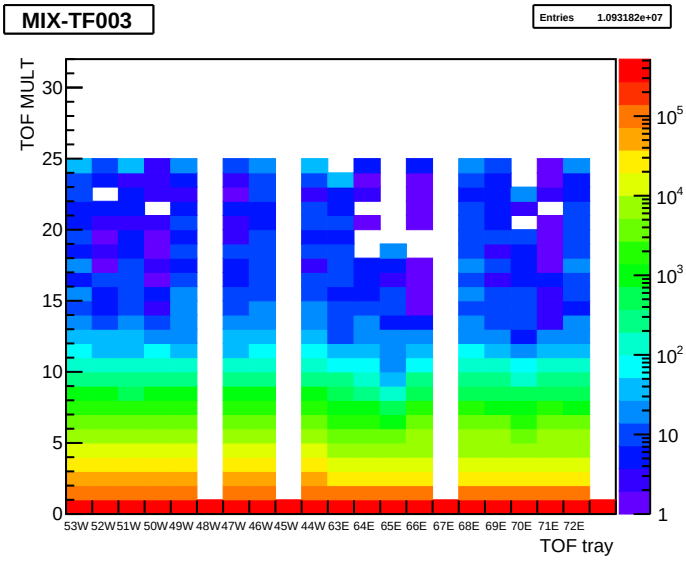

BunchId7Bit (BBC-TAC)
Entries 148980

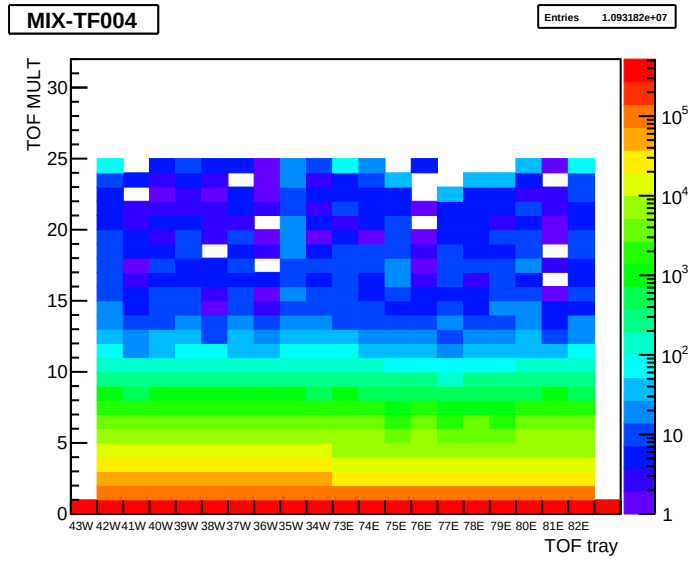

BunchId7Bit (Laser)
Entries 0

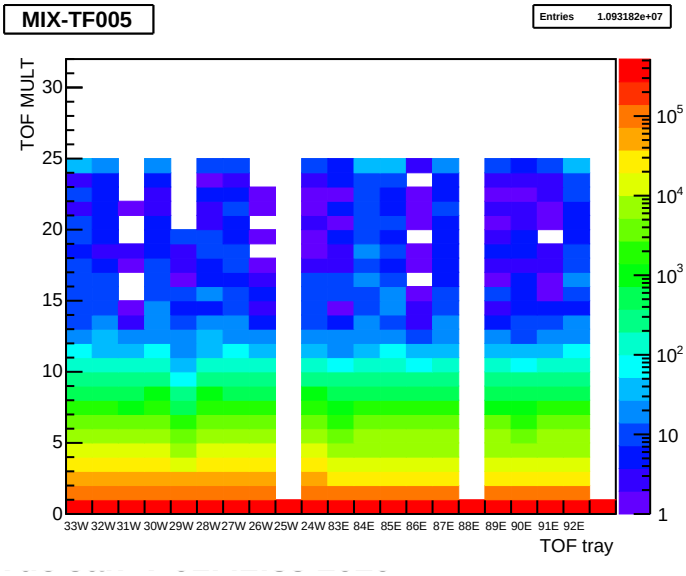

BunchId7Bit (TOFmult window)
Entries 15750

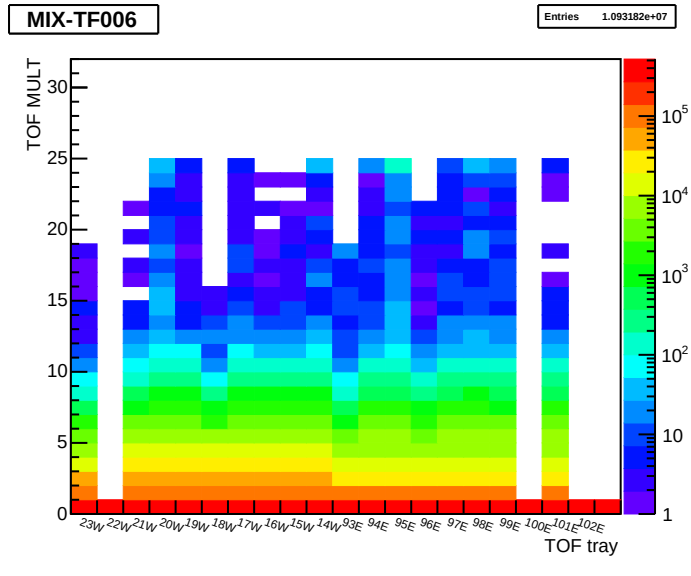

MIX-TF001
Entries 1.093182e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

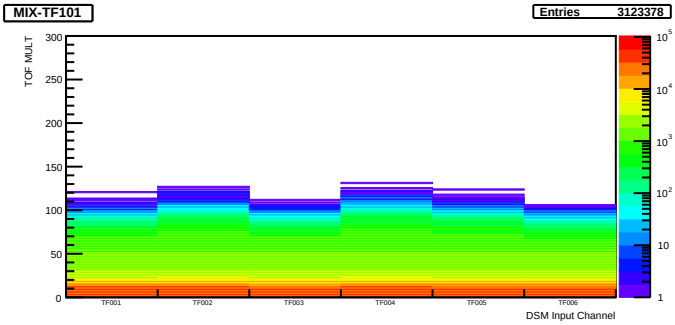

MIX-TF002
Entries 1.093182e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

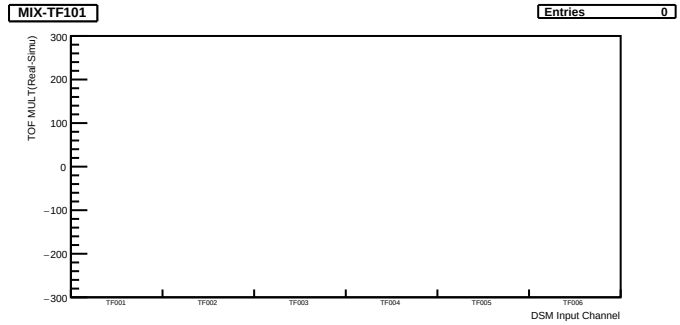

MIX-TF003
Entries 1.093182e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

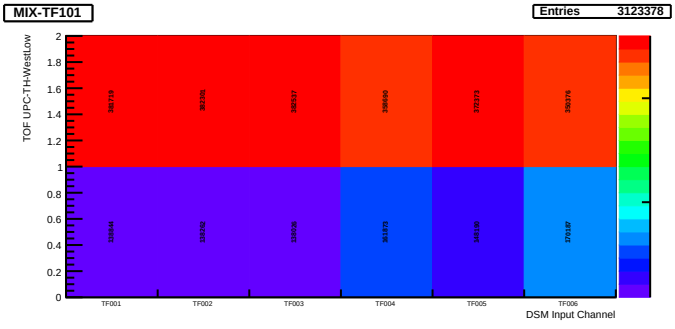

MIX-TF004
Entries 1.093182e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

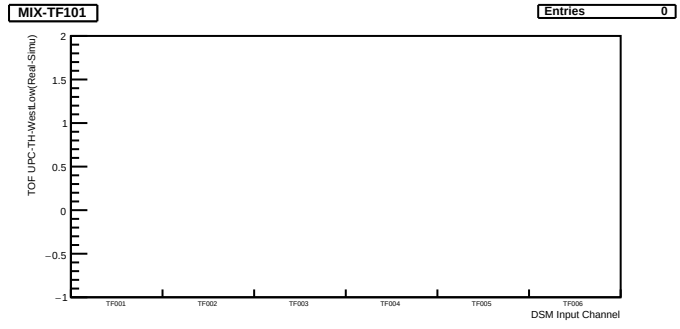

MIX-TF005
Entries 1.093182e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

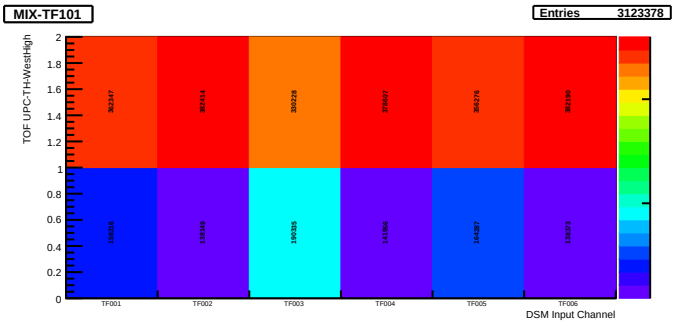

MIX-TF006
Entries 1.093182e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

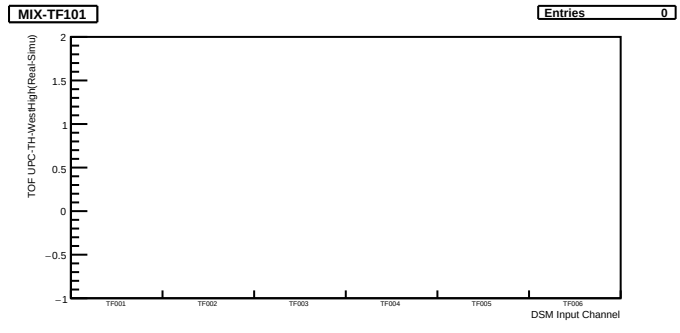

MIX-TF101
Entries 3123378
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

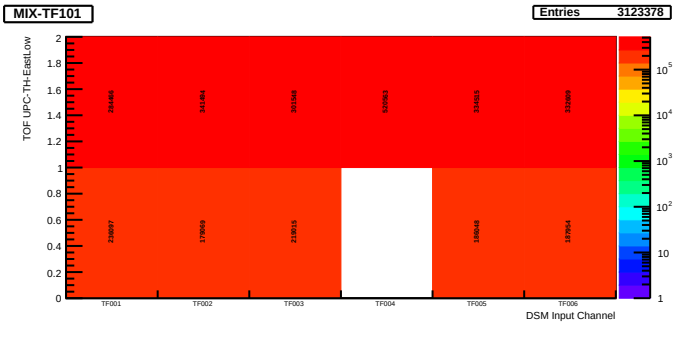

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

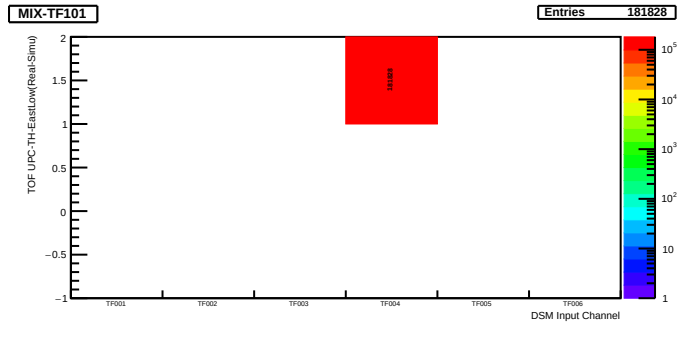

MIX-TF101
Entries 3123378
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

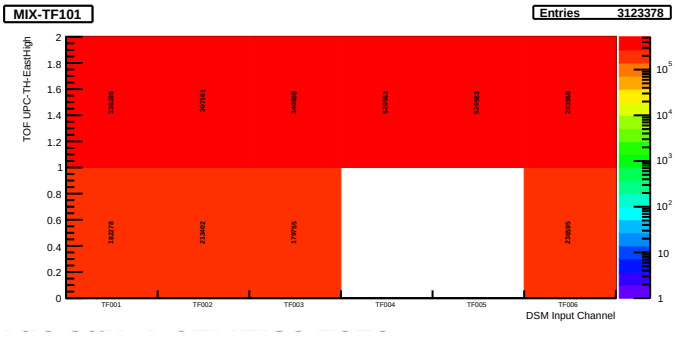

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

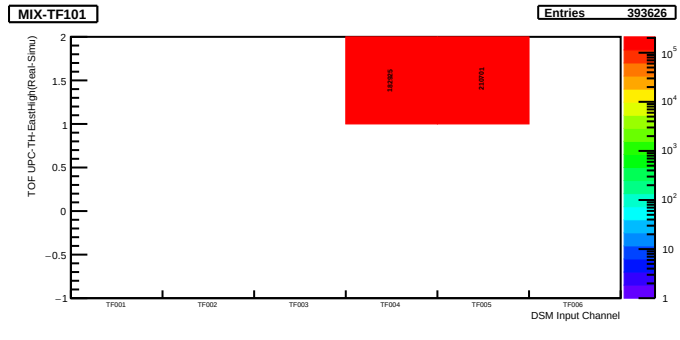

MIX-TF101
Entries 3123378
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

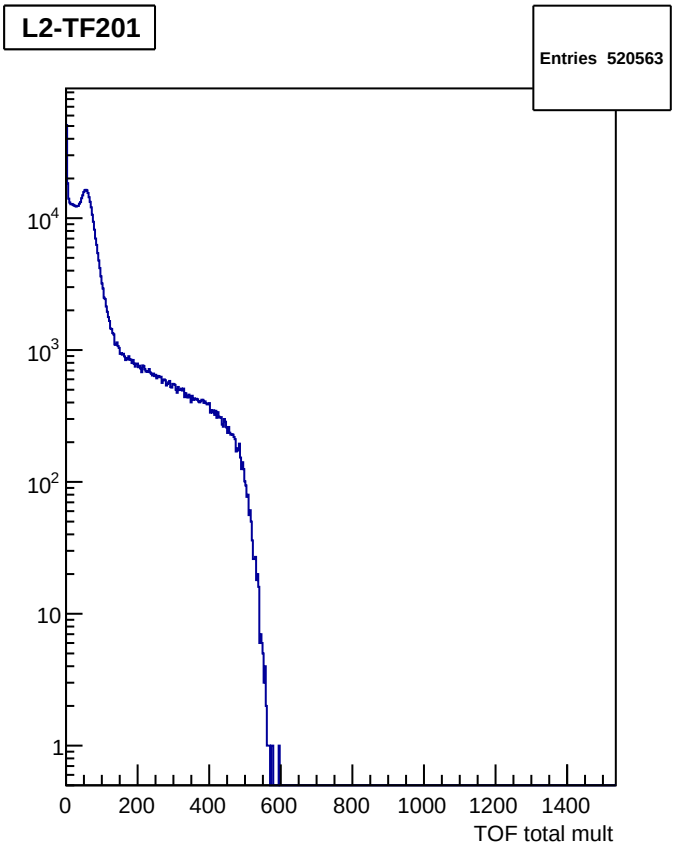

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

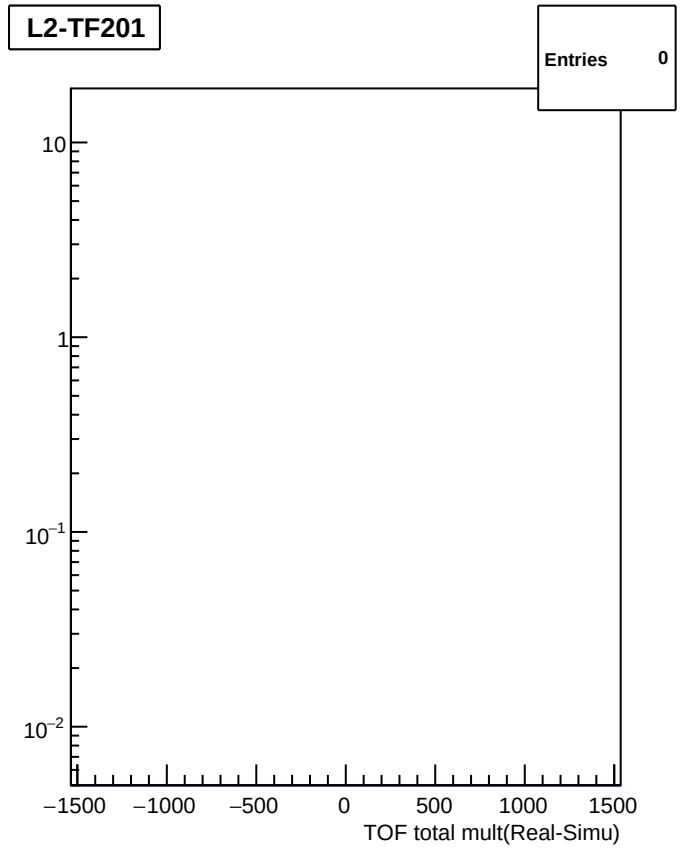

MIX-TF101
Entries 3123378
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

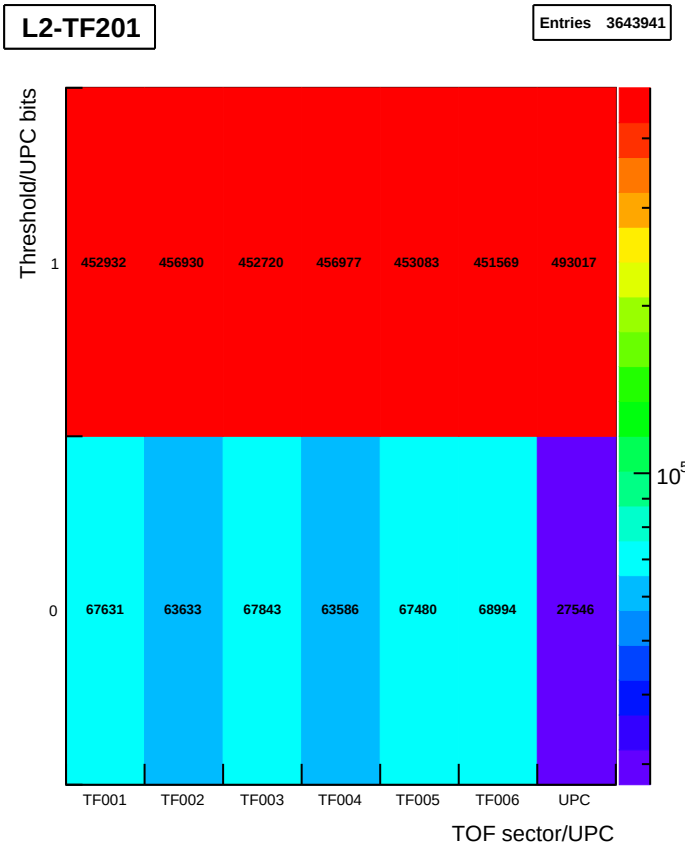

MIX-TF101
Entries 181828
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

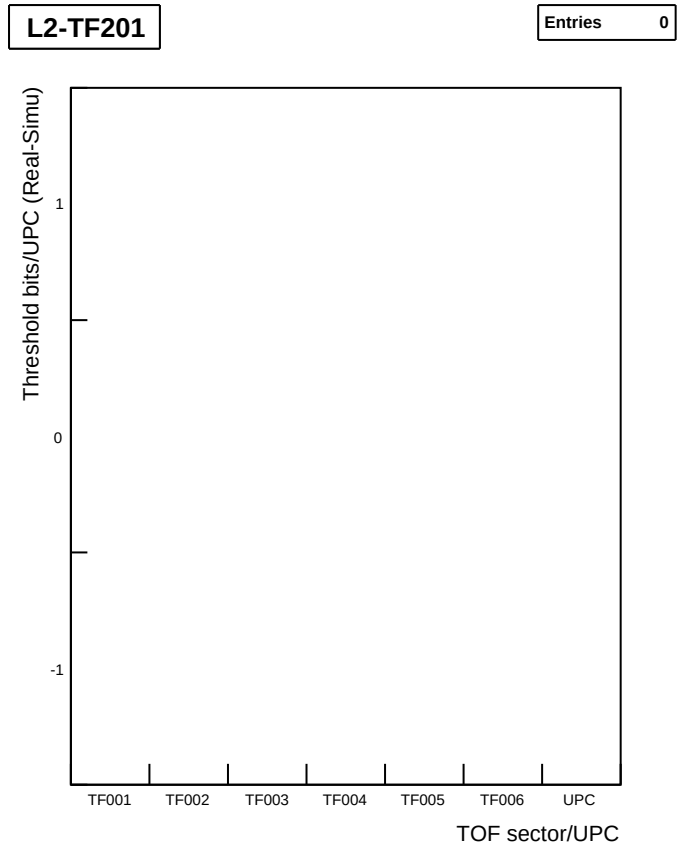

MIX-TF101
Entries 3123378
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

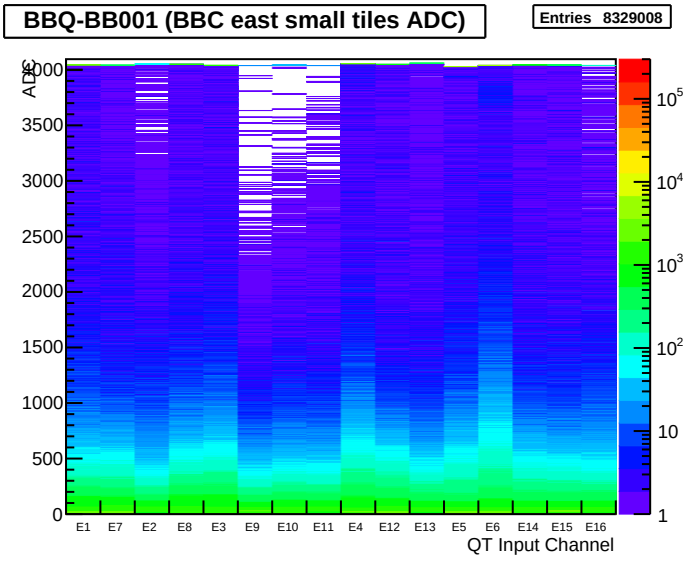

MIX-TF101
Entries 393626
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

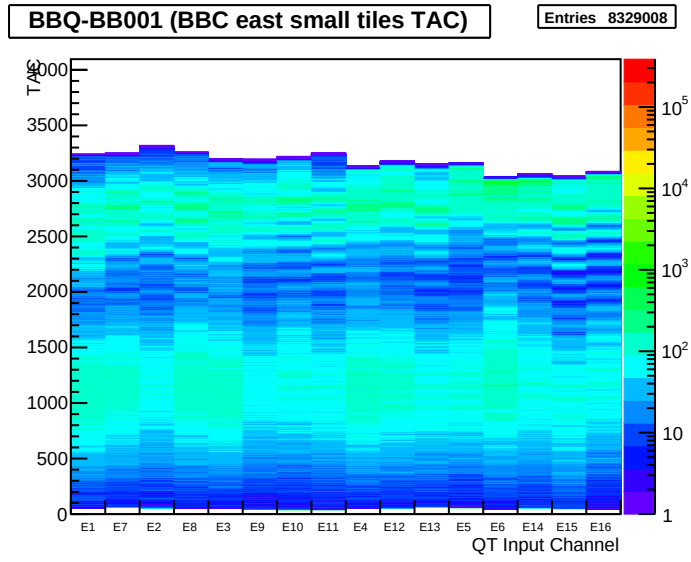

L2-TF201
Entries 520563
TOF total mult

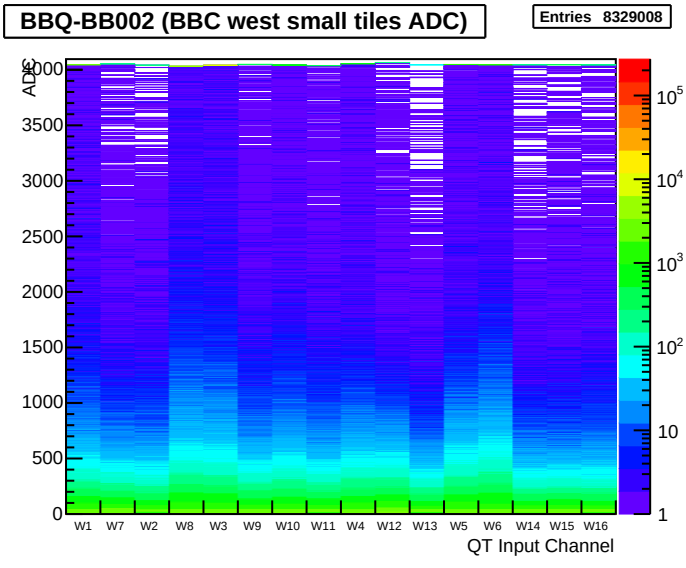

L2-TF201
Entries 0
TOF total mult(Real-Simu)

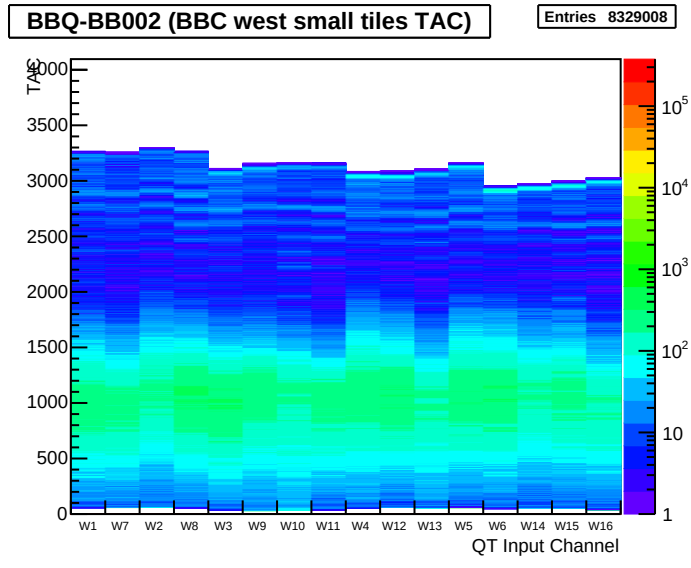

L2-TF201
Entries 3643941
Threshold/UPC bits
452932
456930
452720
456977
453083
451569
493017
67631
63633
67843
63586
67480
68994
27546
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

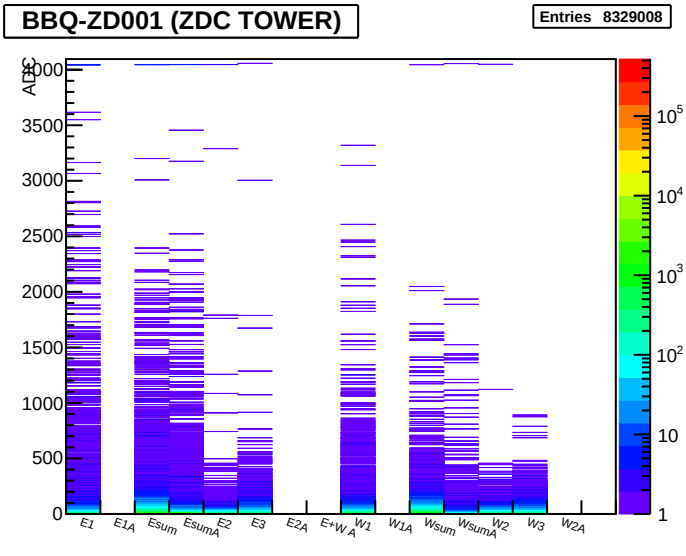

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

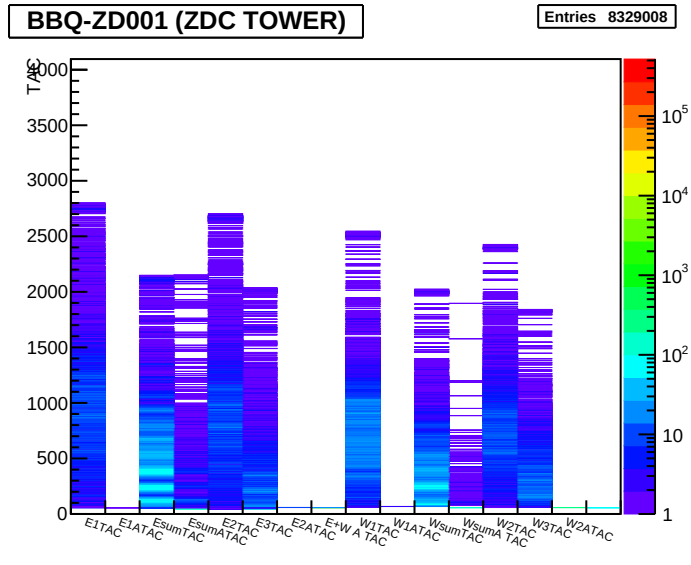

BBQ-BB001 (BBC east small tiles ADC)
Entries 8329008
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

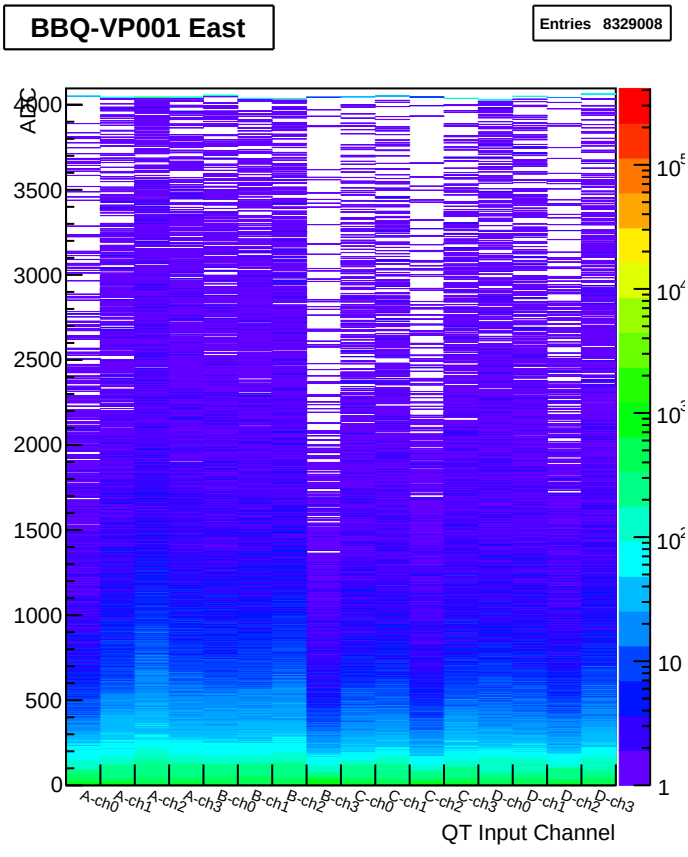

BBQ-BB001 (BBC east small tiles TAC)
Entries 8329008
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

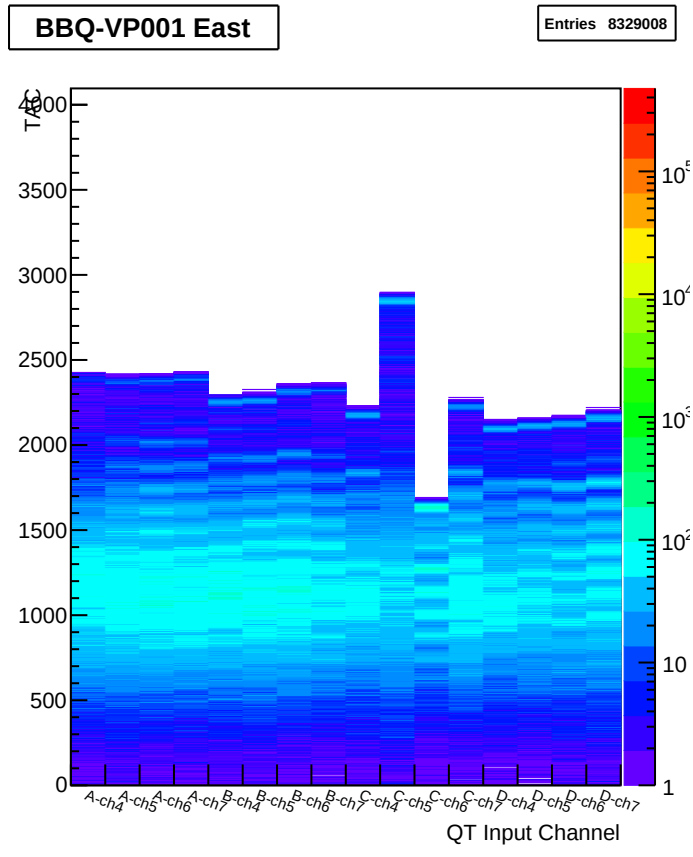

BBQ-BB002 (BBC west small tiles ADC)
Entries 8329008
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

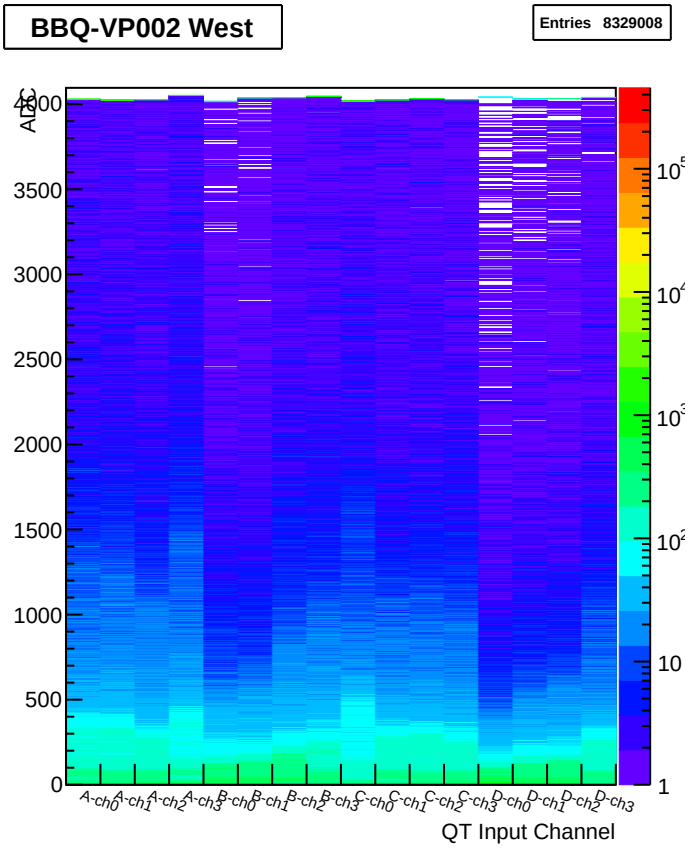

BBQ-BB002 (BBC west small tiles TAC)
Entries 8329008
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

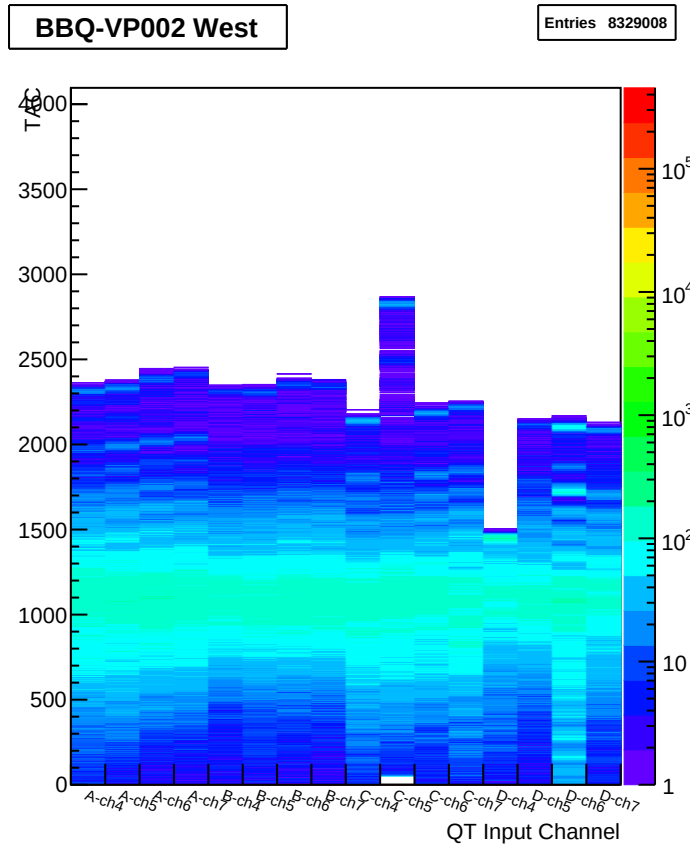

BBQ-ZD001 (ZDC TOWER)
Entries 8329008
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

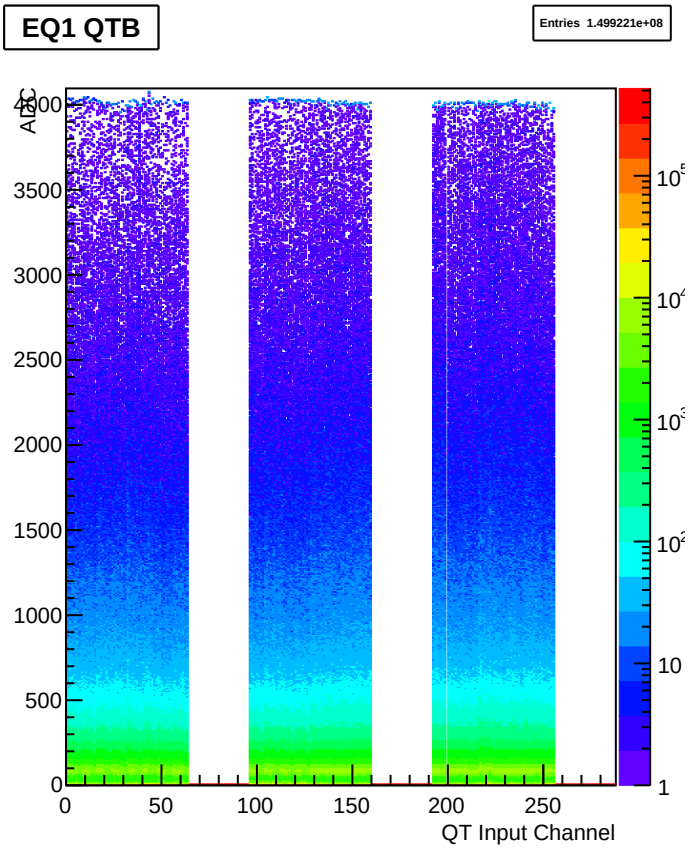

BBQ-ZD001 (ZDC TOWER)
Entries 8329008
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

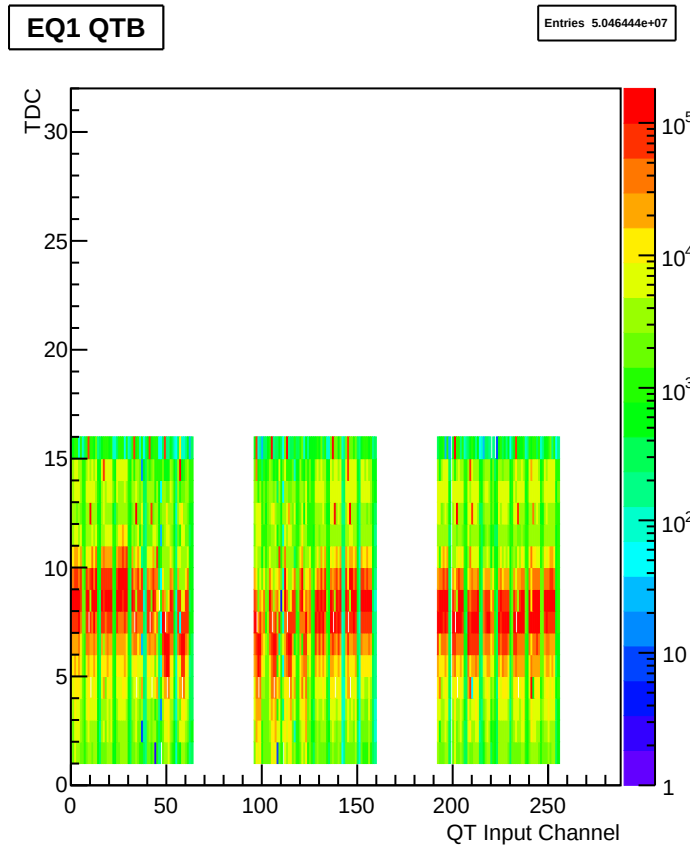

BBQ-VP001 East
Entries 8329008
ADC
QT Input Channel

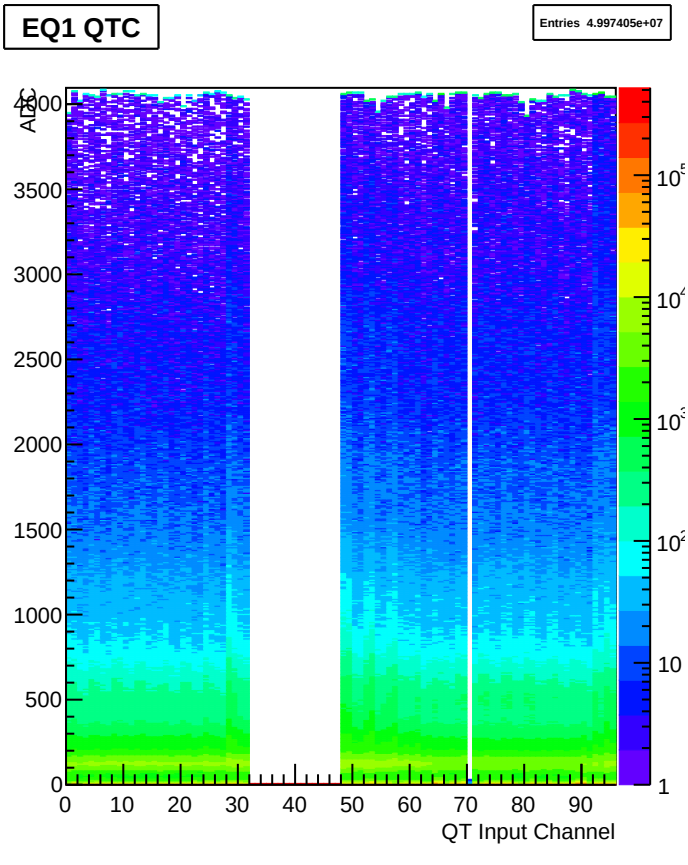

BBQ-VP001 East
Entries 8329008
TADC
QT Input Channel

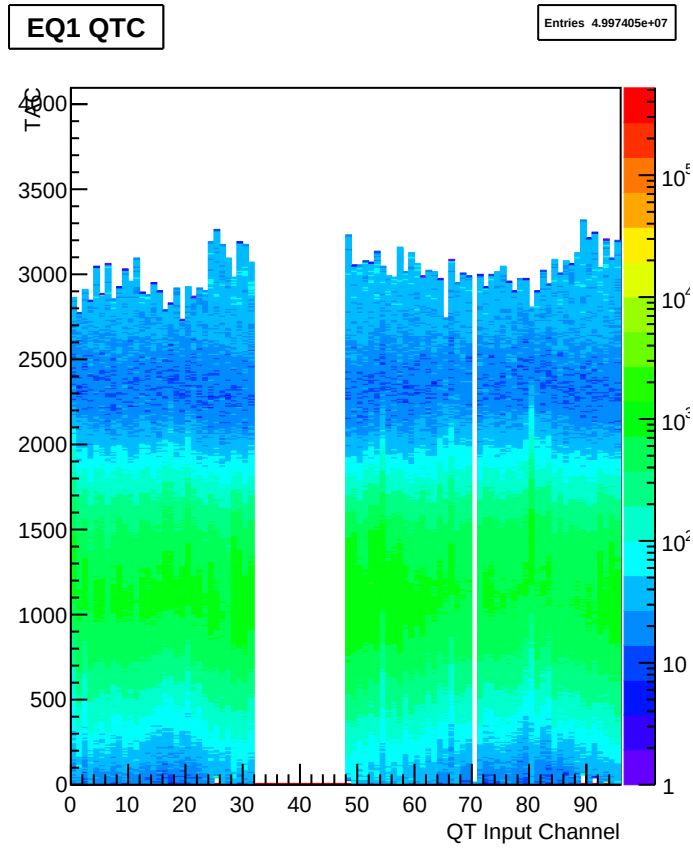

BBQ-VP002 West
Entries 8329008
ADC
QT Input Channel

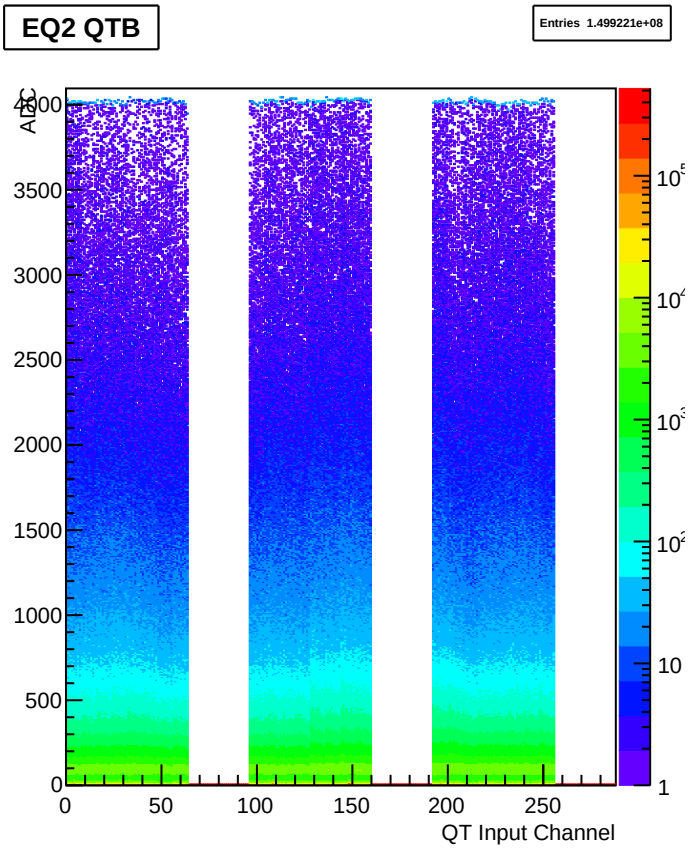

BBQ-VP002 West
Entries 8329008
TADC
QT Input Channel

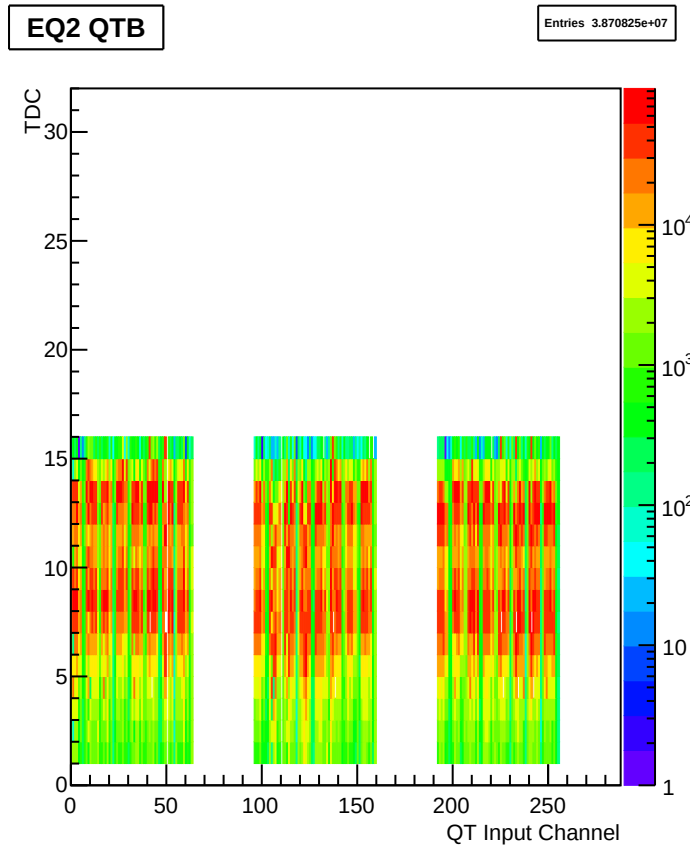

EQ1 QTB
Entries 1.499221e+08
ADC
QT Input Channel

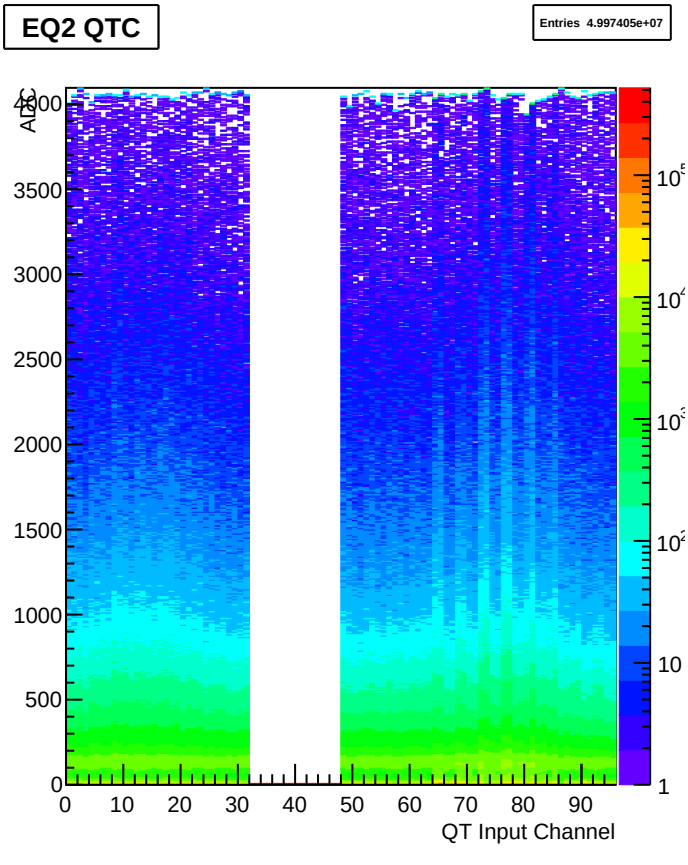

EQ1 QTB
Entries 5.046444e+07
TDC
QT Input Channel

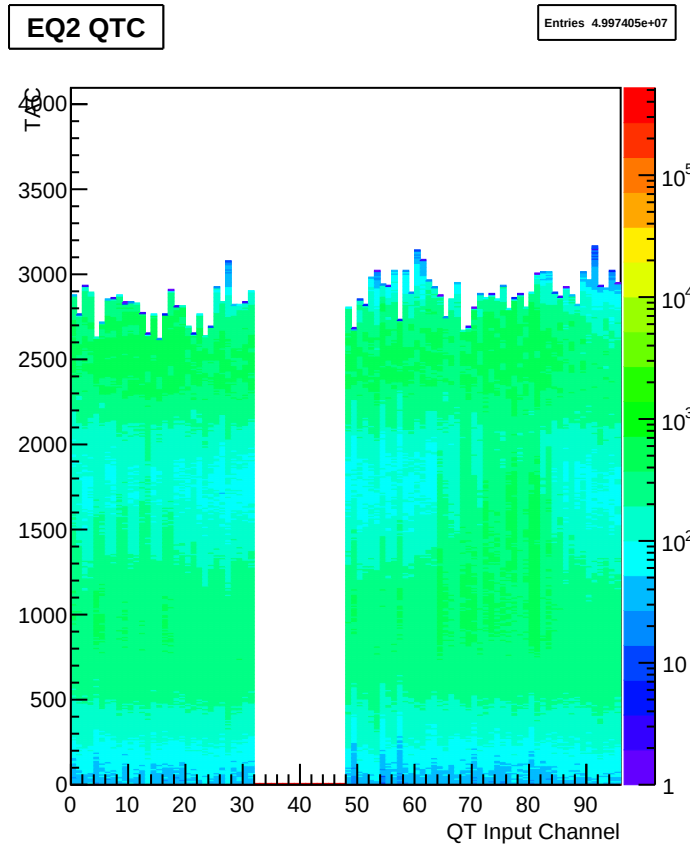

EQ1 QTC
Entries 4.997405e+07
ADC
QT Input Channel

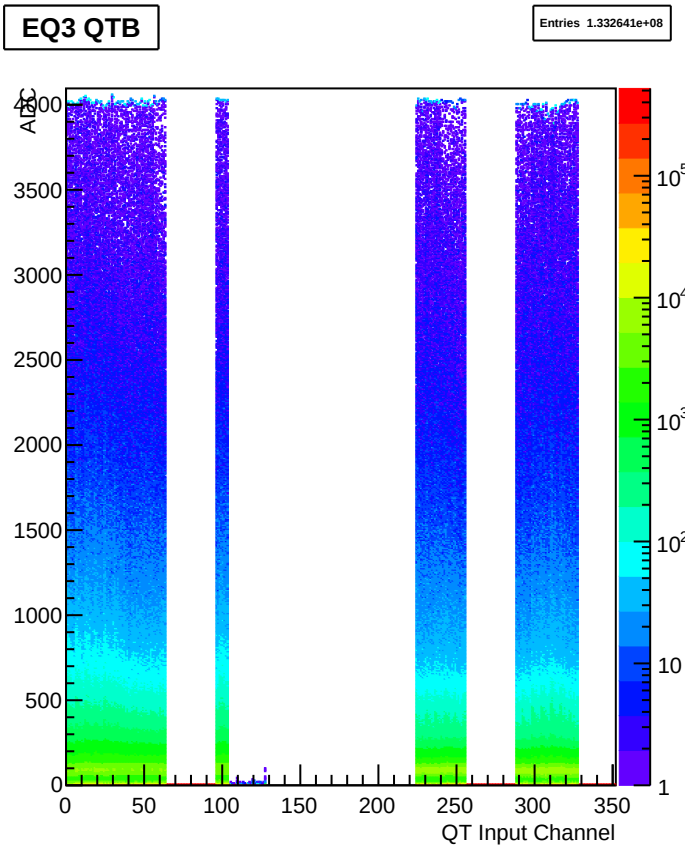

EQ1 QTC
Entries 4.997405e+07
TADC
QT Input Channel

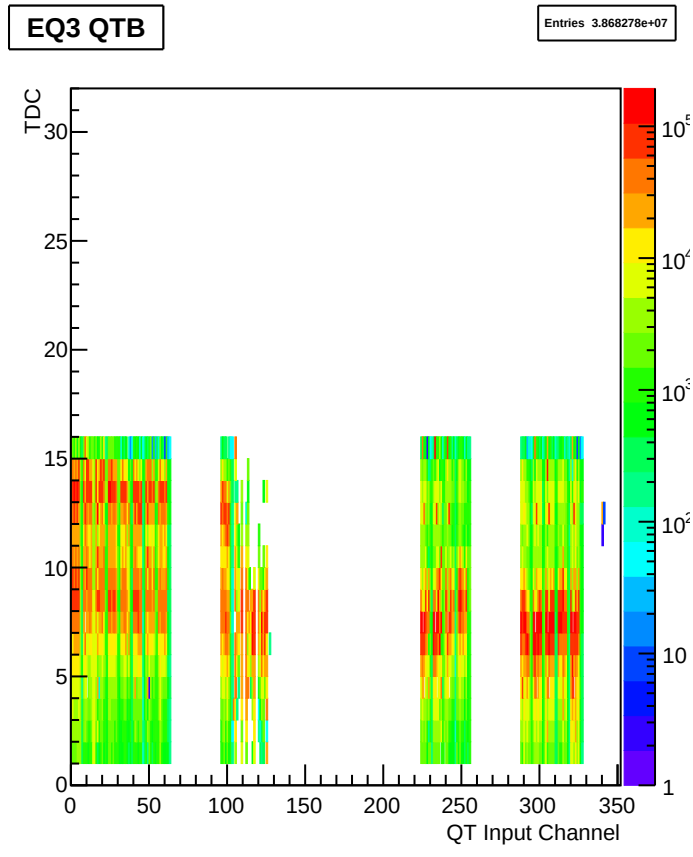

EQ2 QTB
Entries 1.499221e+08
ADC
QT Input Channel

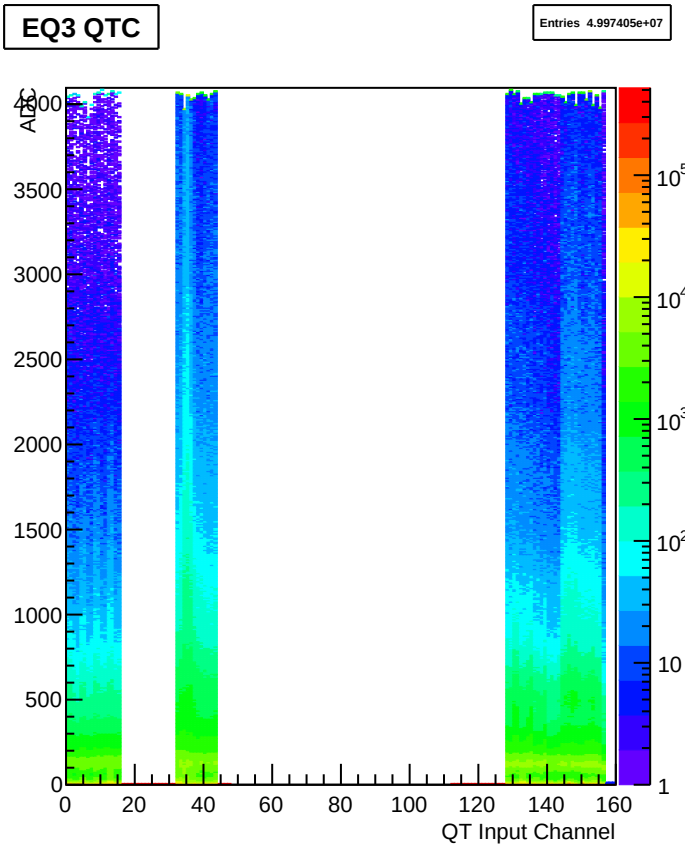

EQ2 QTB
Entries 3.870825e+07
TDC
QT Input Channel

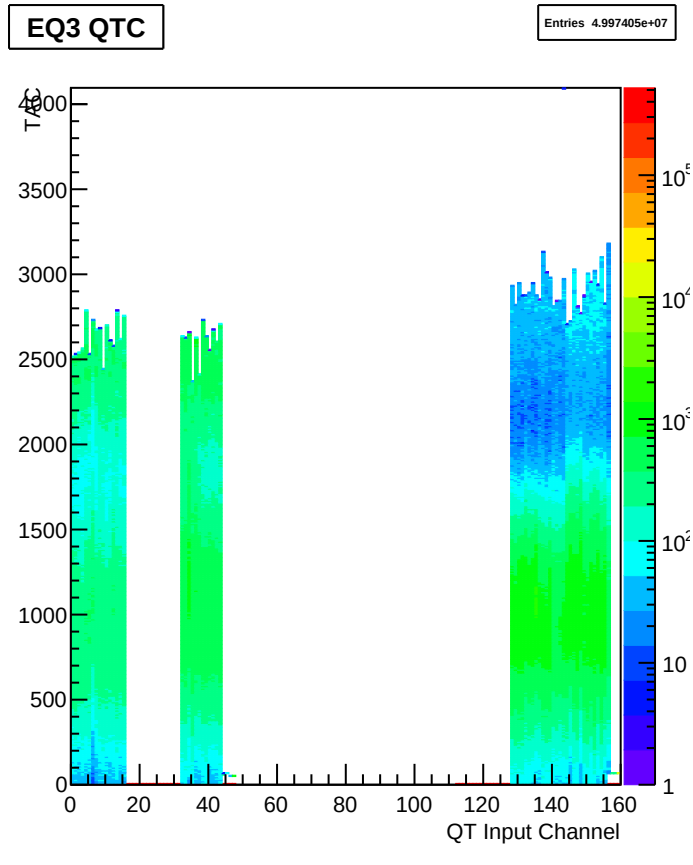

EQ2 QTC
Entries 4.997405e+07
ADC
QT Input Channel

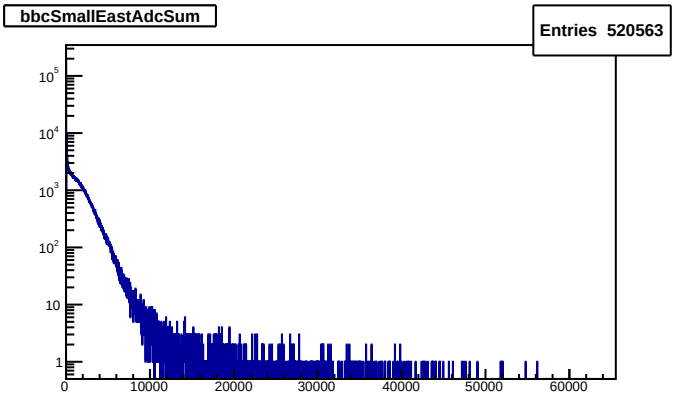

EQ2 QTC
Entries 4.997405e+07
TADC
QT Input Channel

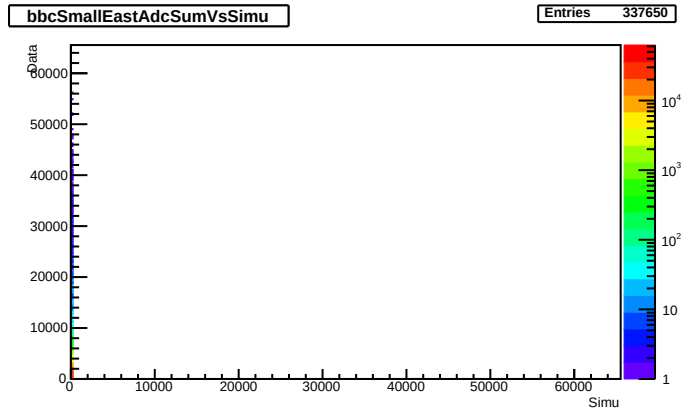

EQ3 QTB
Entries 1.332641e+08
ADC
QT Input Channel

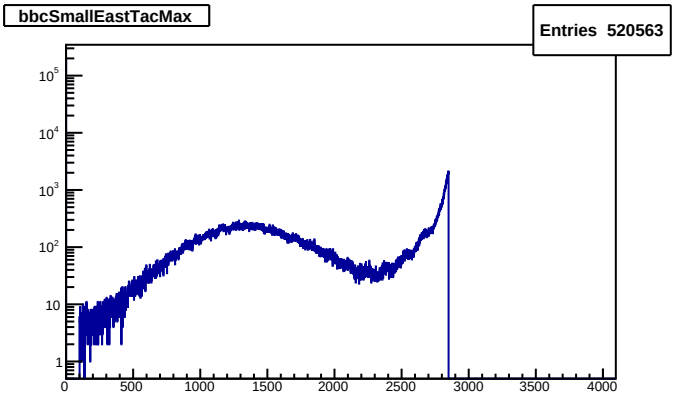

EQ3 QTB
Entries 3.868278e+07
TDC
QT Input Channel

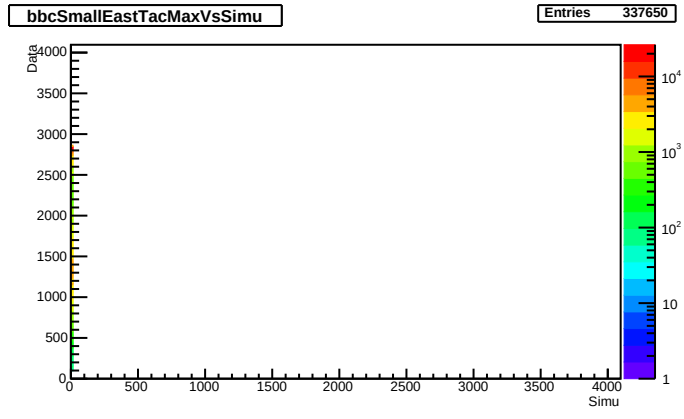

EQ3 QTC
Entries 4.997405e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.997405e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 520563


bbcSmallEastAdcSumVsSimu
Entries 337650
Data
Simu


bbcSmallEastTacMax
Entries 520563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Entries 337650
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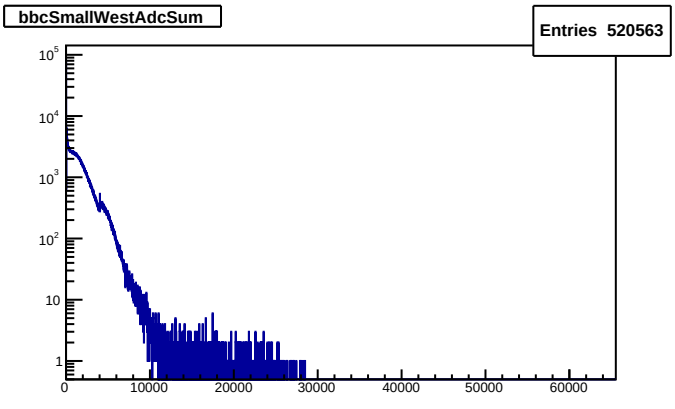
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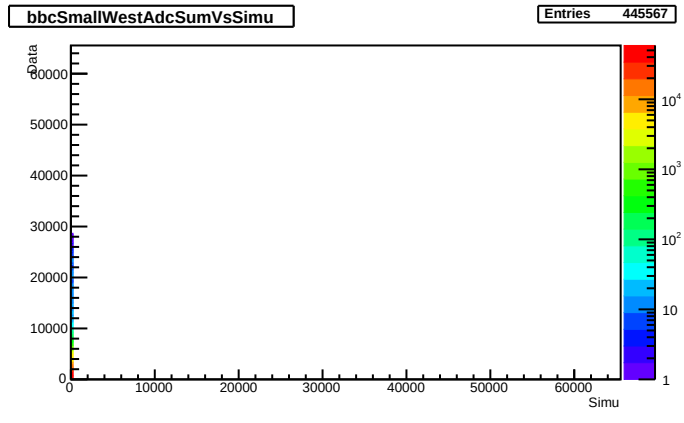
Entries 520563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Entries 445567
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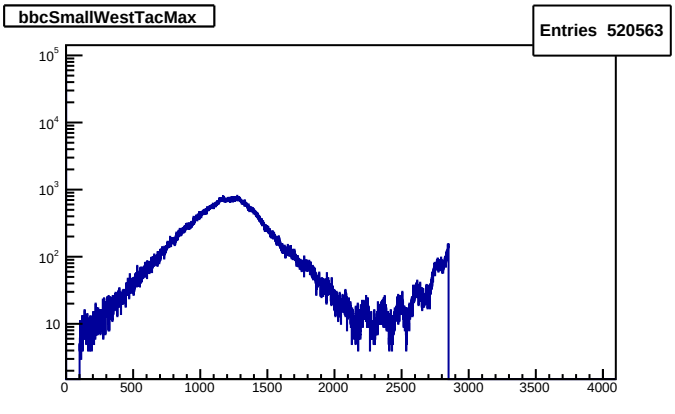
Simu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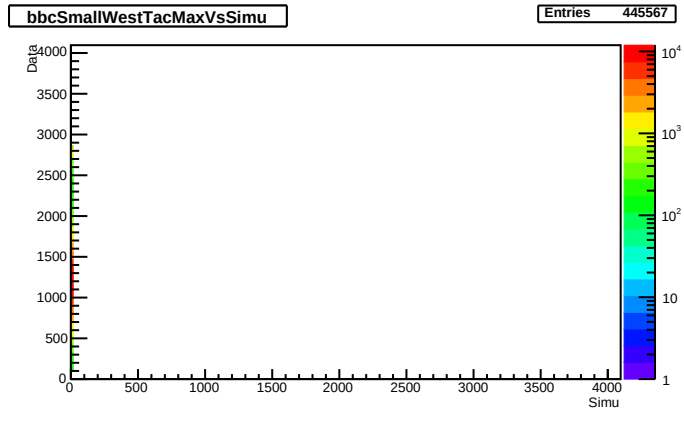
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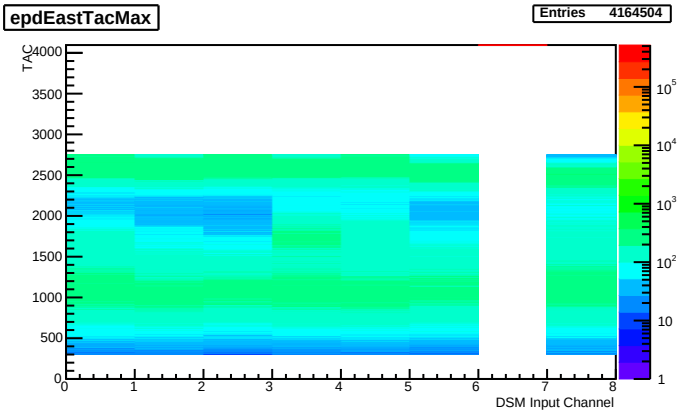
Entries 445567
Data
Simu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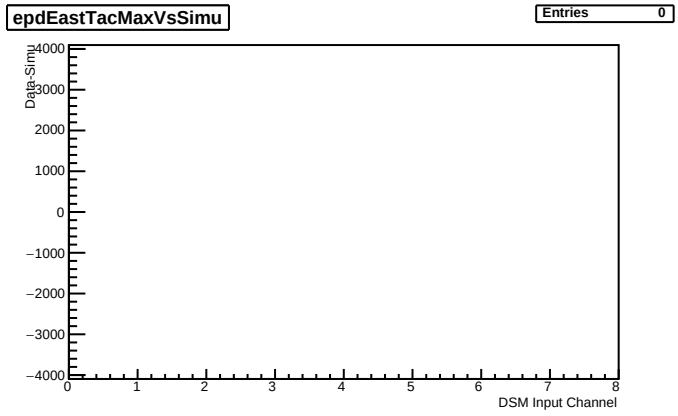
Entries 4164504
TAC
DSM Input Channel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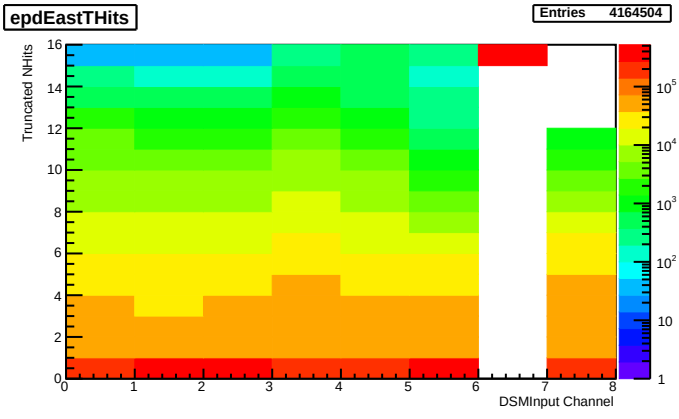
Entries 0
Data-Simu
DSM Input Channel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Entries 4164504
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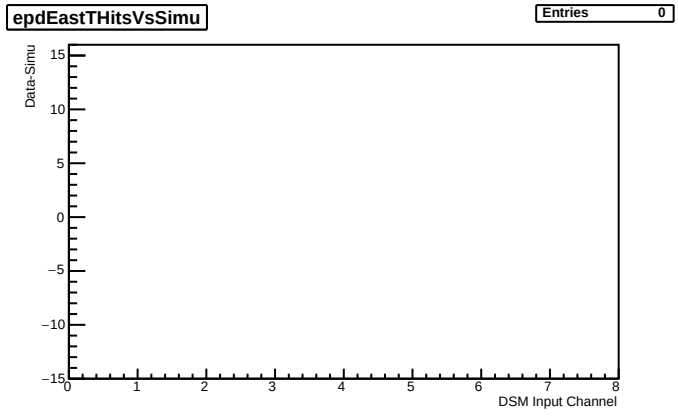
DSMInput Channel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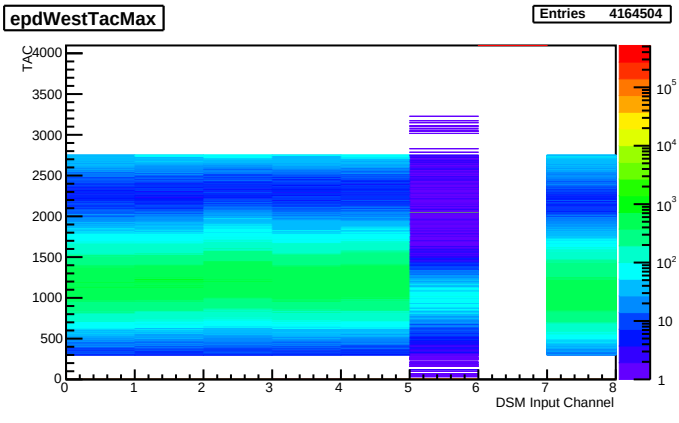
DSM Input Channel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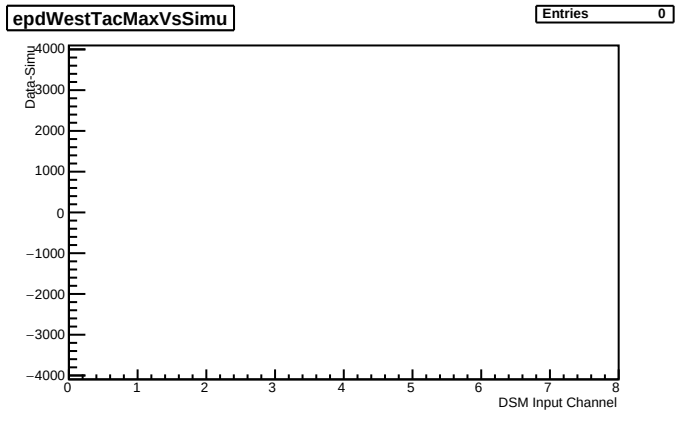
TAC
DSM Input Channel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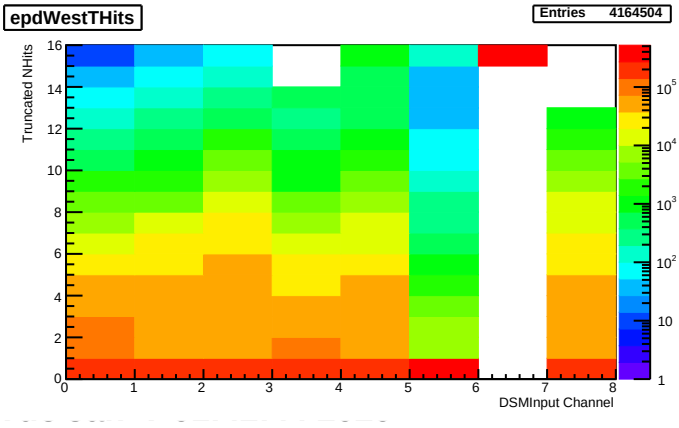
Data-Simu
DSM Input Channel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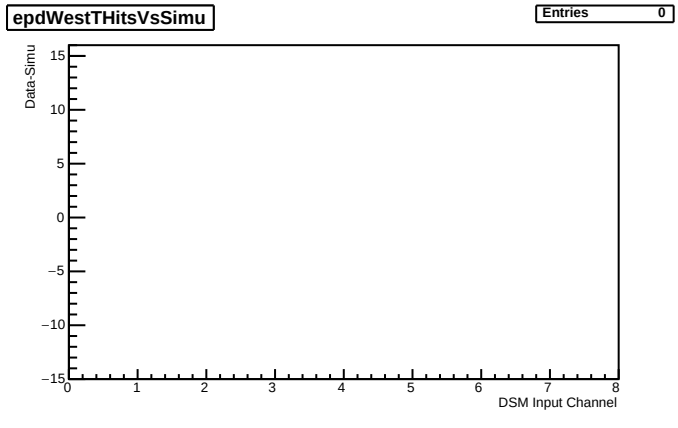
Entries 4164504
Truncated NHits
DSMInput Channel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Entries 0
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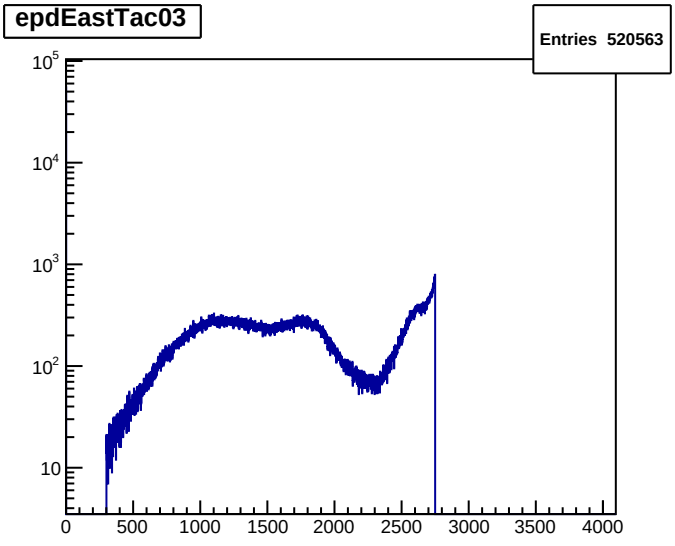
DSM Input Channel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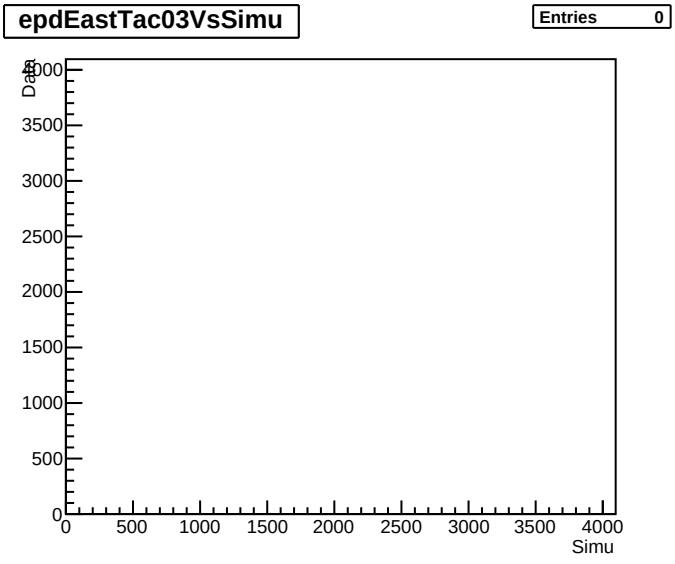
Entries 520563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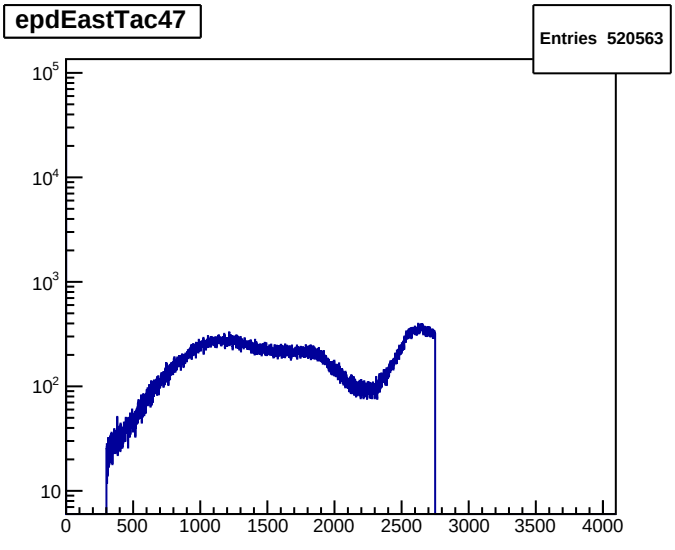
Entries 0
Data
Simu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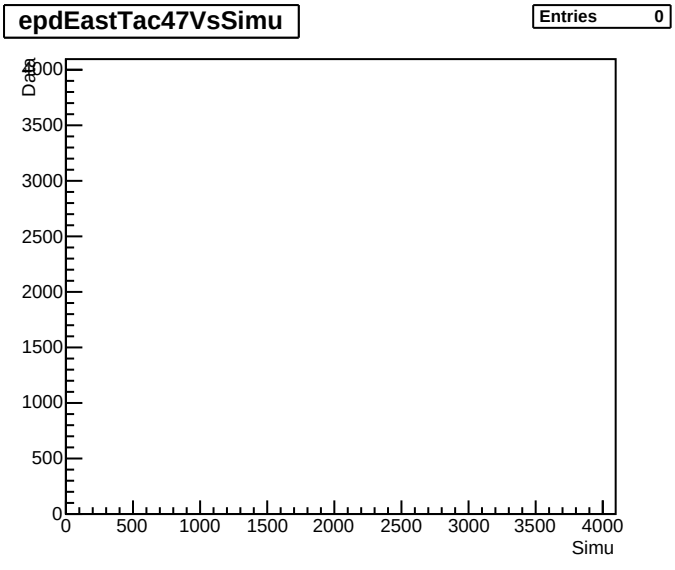
Entries 520563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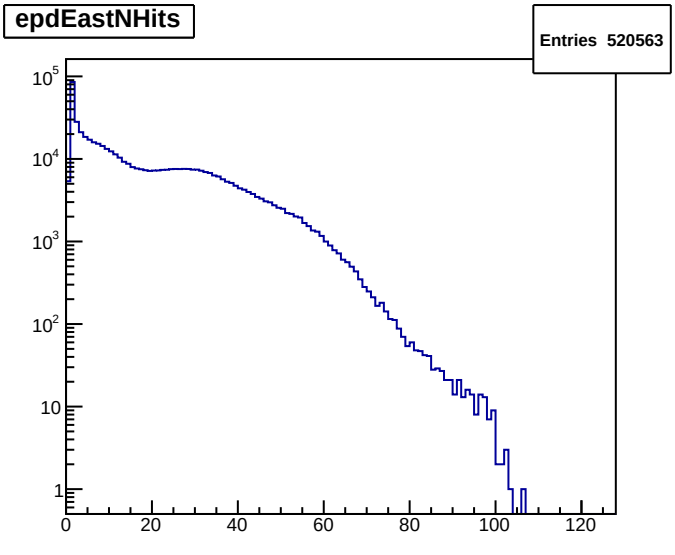
Entries 0
Data
Simu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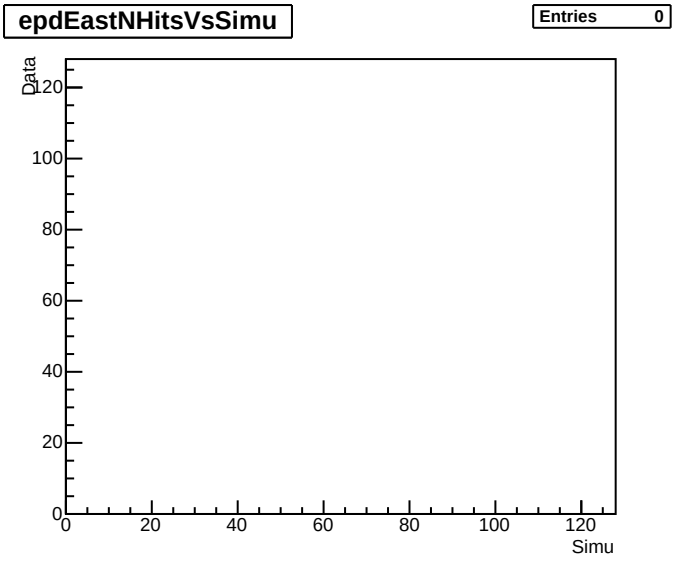
Entries 520563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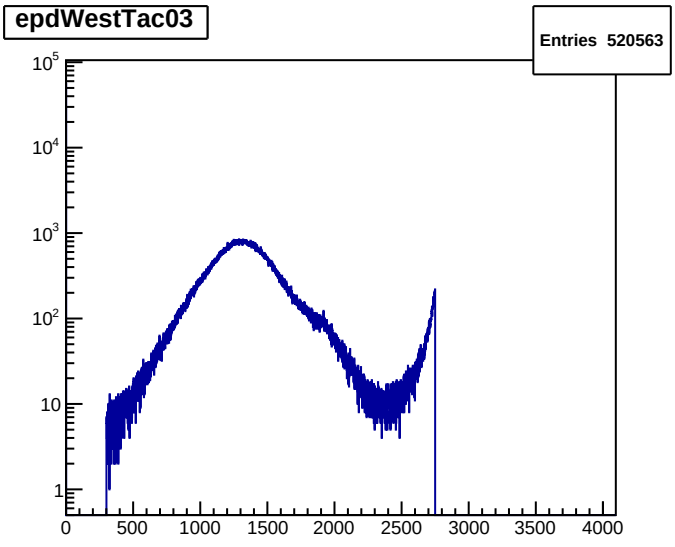
Entries 0
Data
Simu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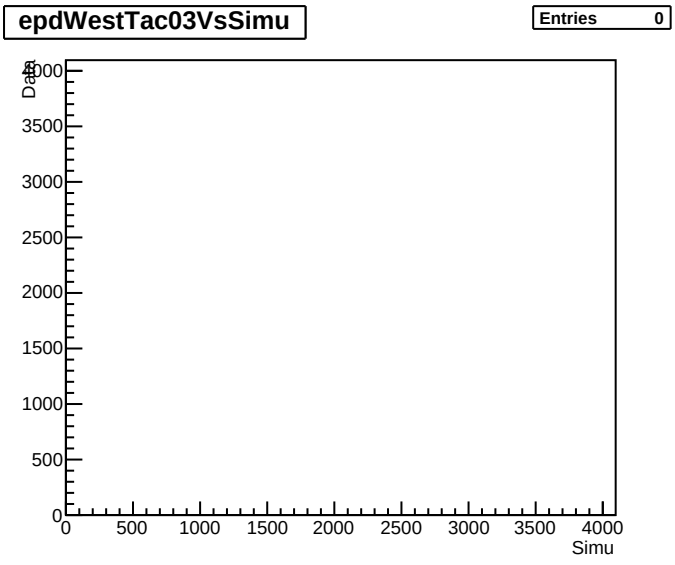
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Entries 0
Data
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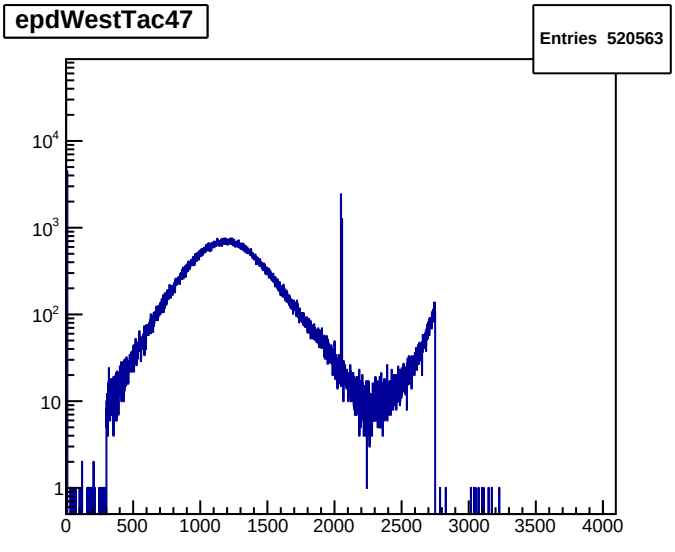
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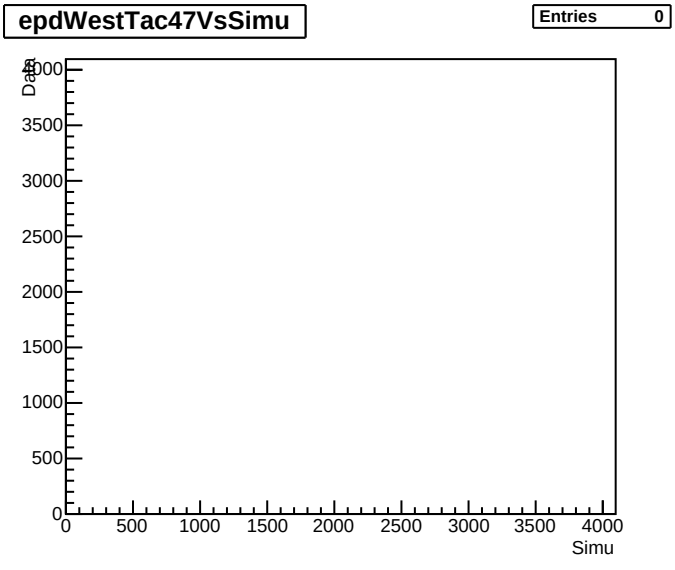
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Data
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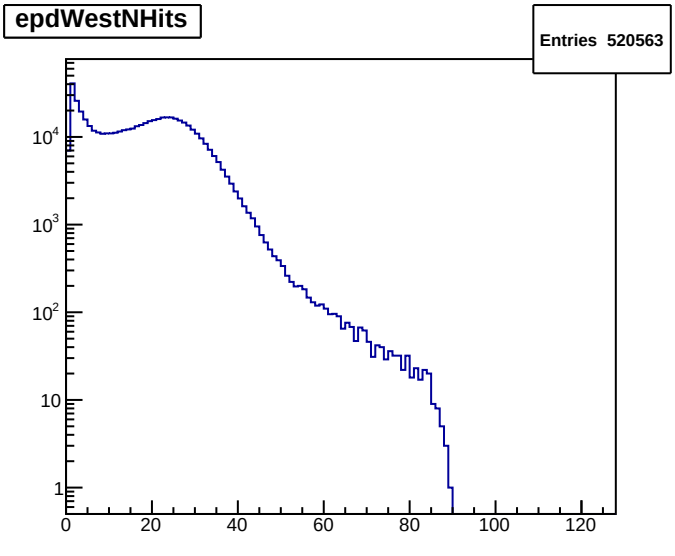
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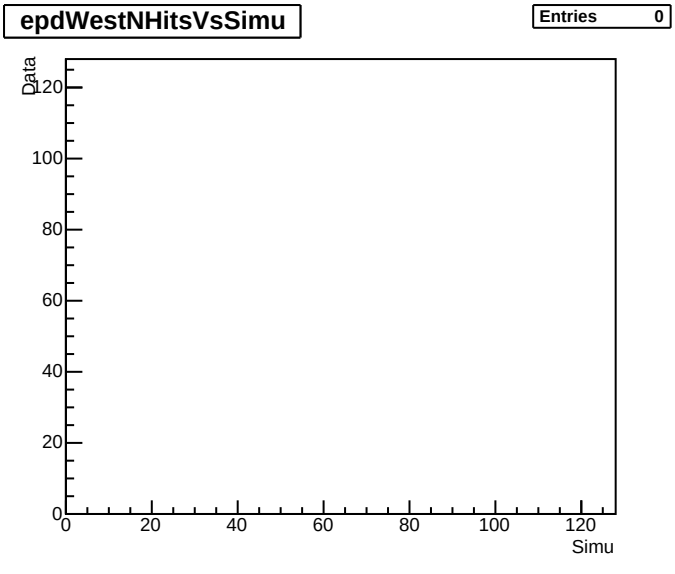
Entries 520563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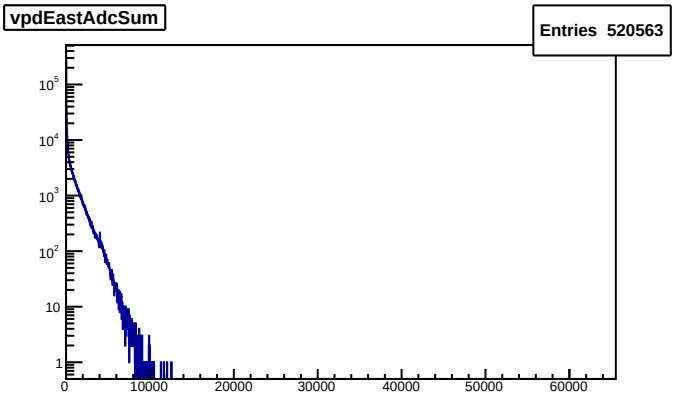
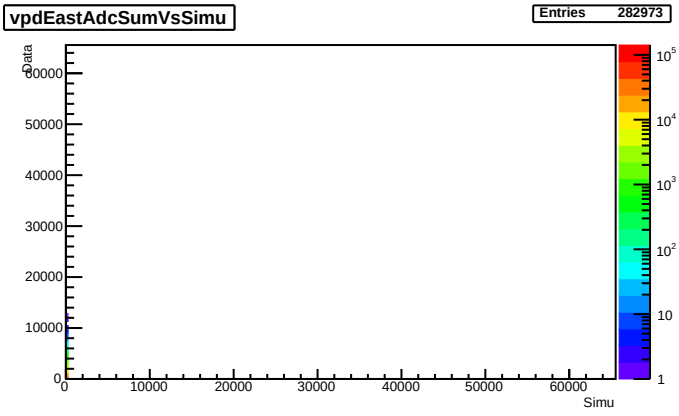
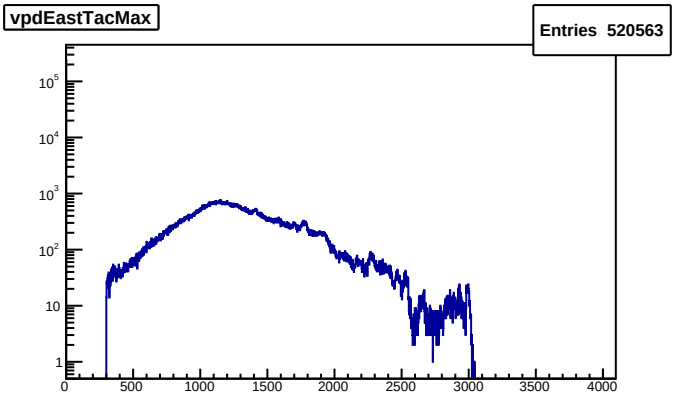
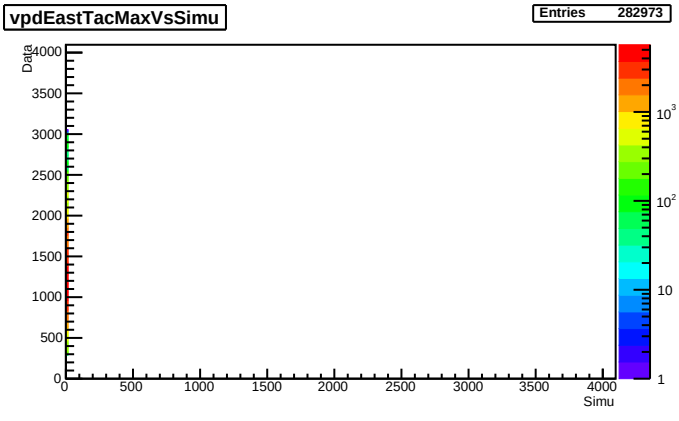
Entries 0
Data
Simu


vpdEastAdcSum
Entries 520563


vpdEastAdcSumVsSimu
Entries 282973
Data
Simu


vpdEastTacMax
Entries 520563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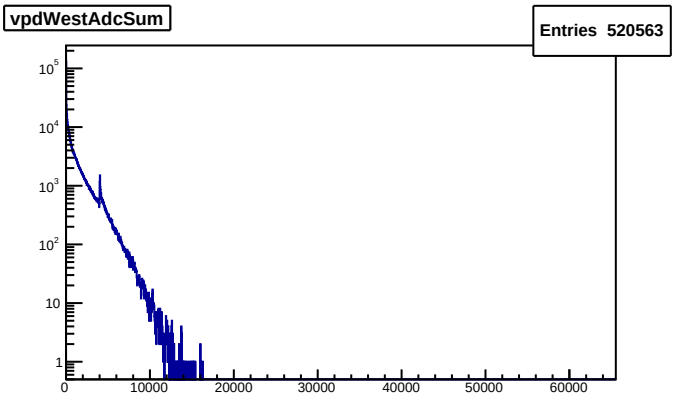
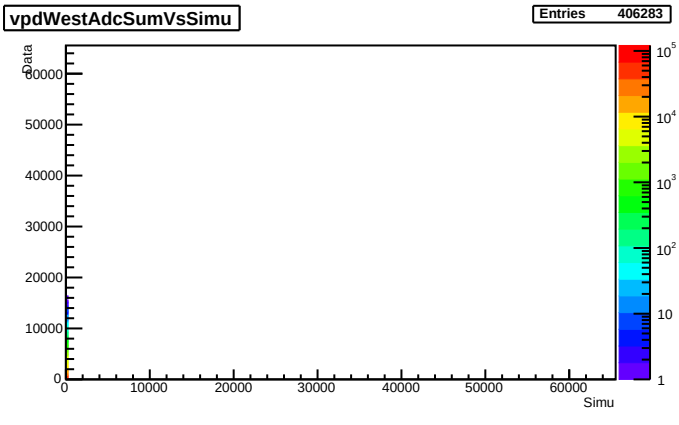
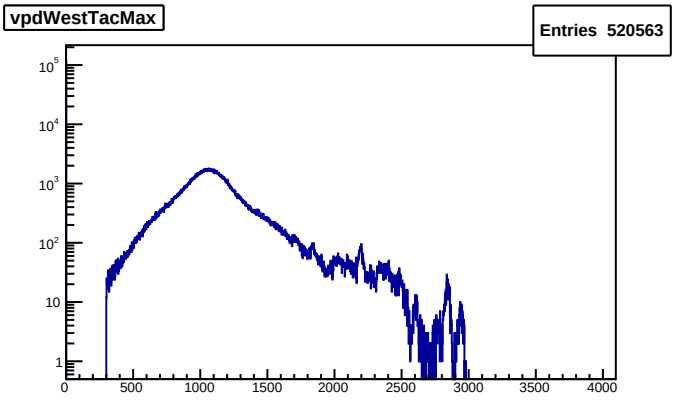
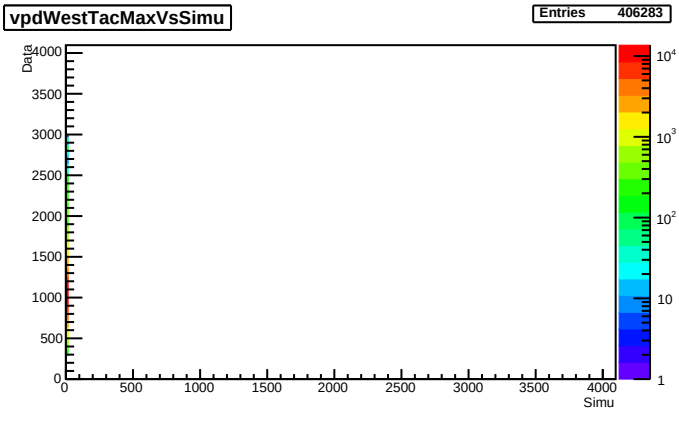
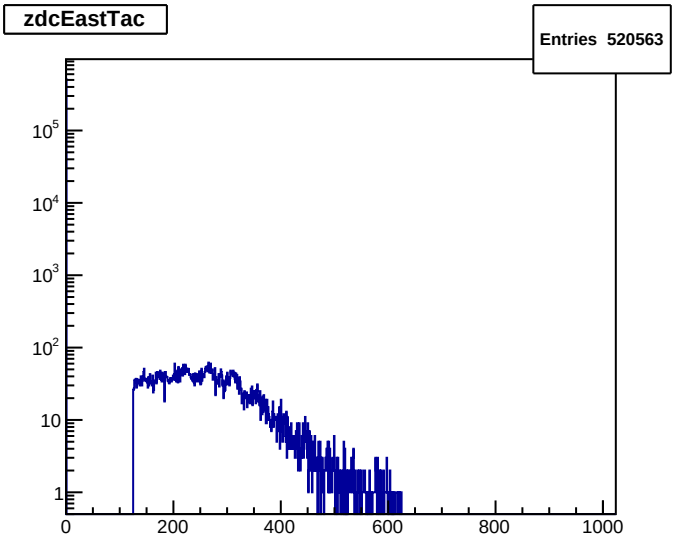
Entries 282973
Data
Simu

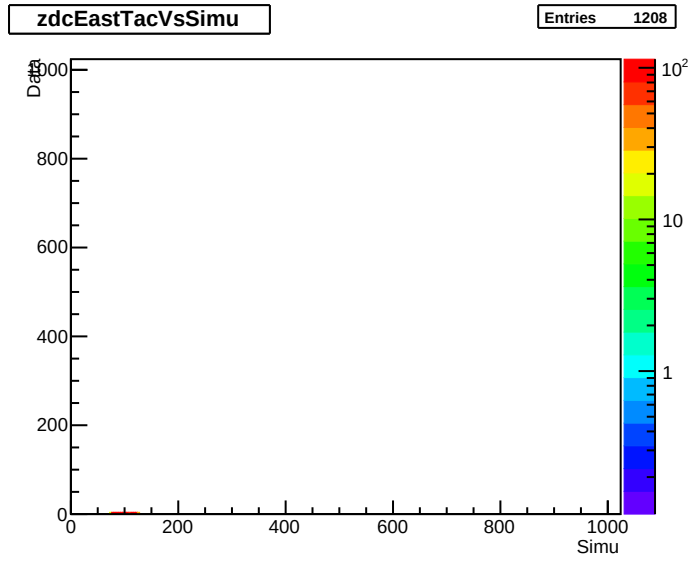

vpdWestAdcSum
Entries 520563

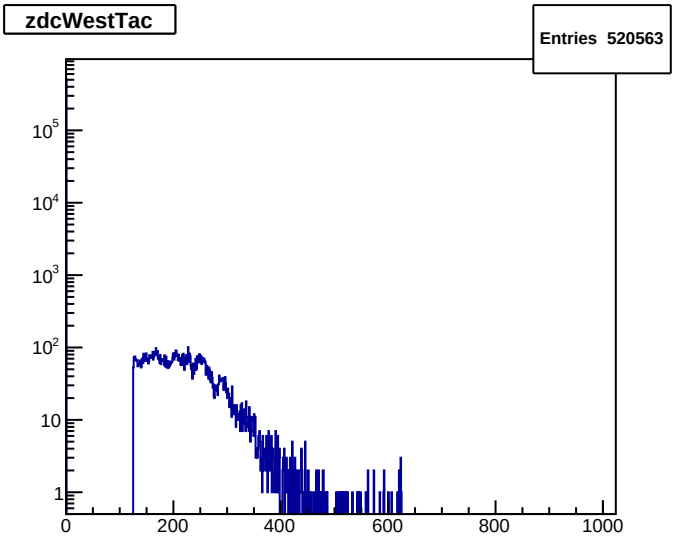

vpdWestAdcSumVsSimu
Entries 406283
Data
Simu

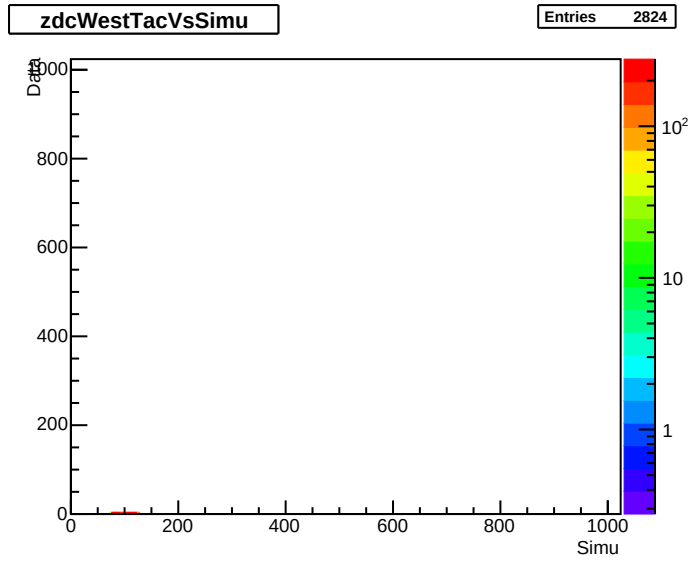

vpdWestTacMax
Entries 520563

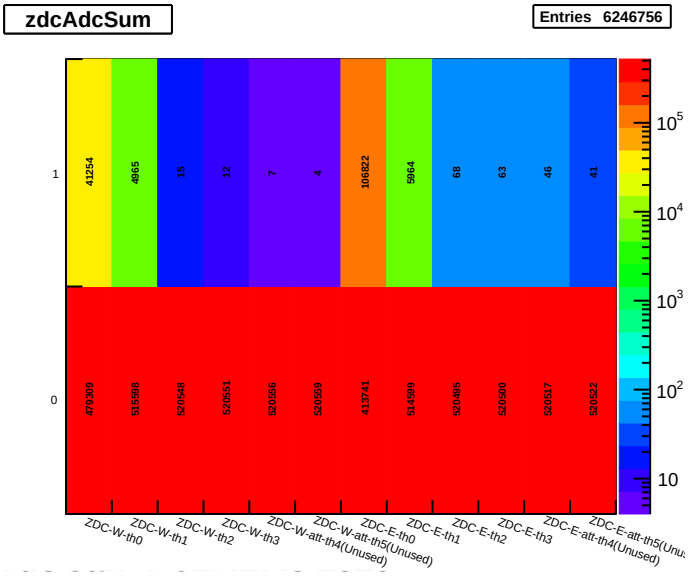

vpdWestTacMaxVsSimu
Entries 406283
Data
Simu

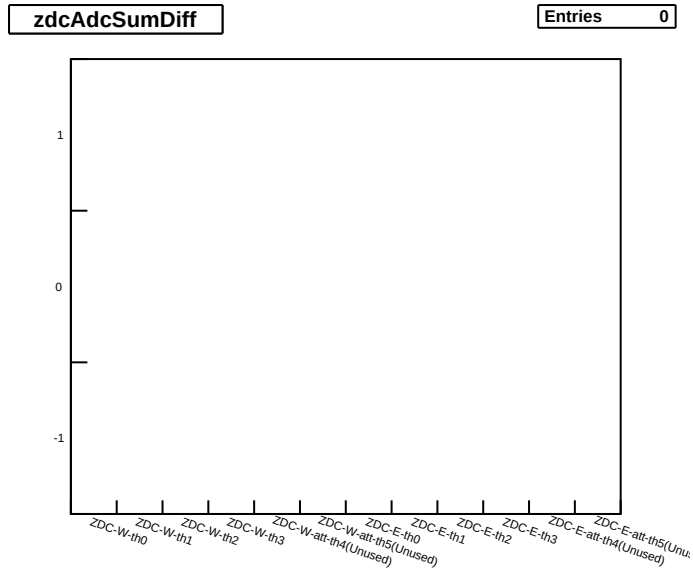

zdcEastTac
Entries 520563

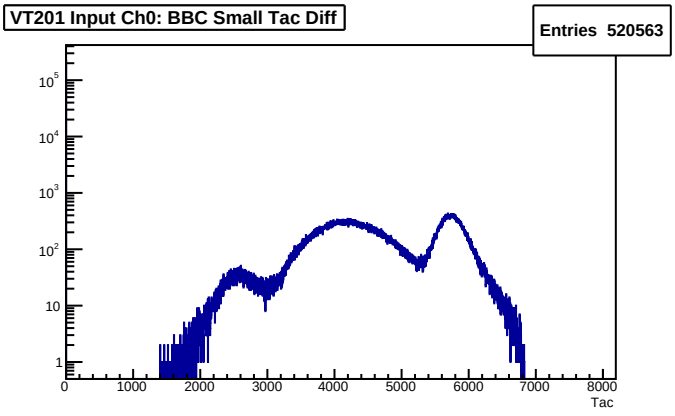

zdcEastTacVsSimu
Entries 1208
Data
Simu

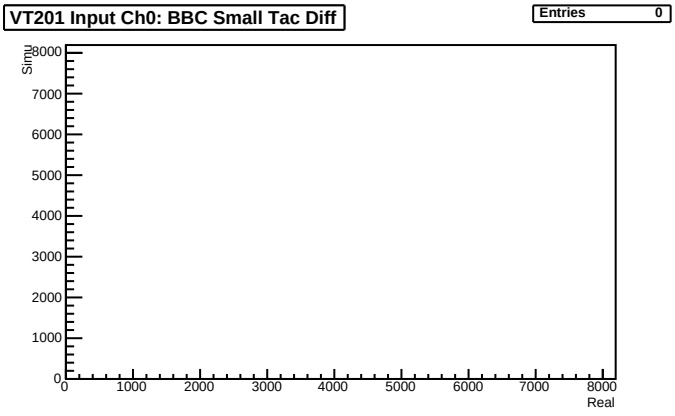

zdcWestTac
Entries 520563

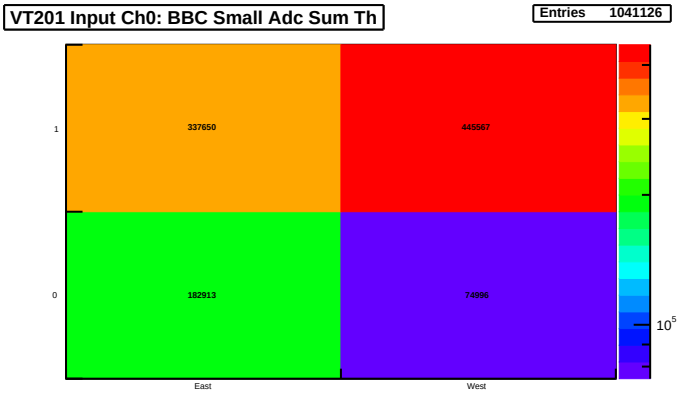

zdcWestTacVsSimu
Entries 2824
Data
Simu

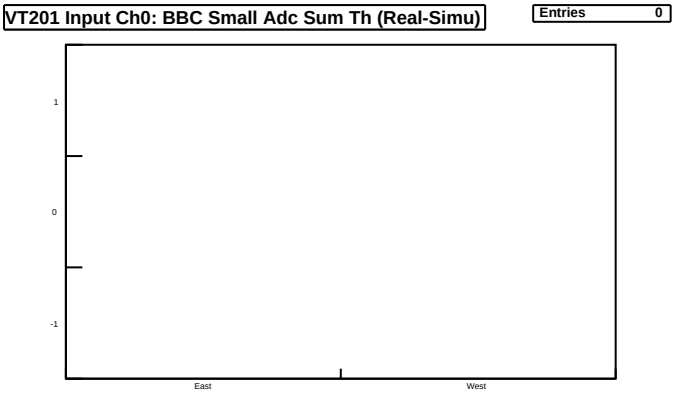

zdcAdcSum
Entries 6246756
41254
4965
15
12
7
4
106822
5964
68
63
46
41
479309
515598
520548
520551
520556
520559
413741
514599
520495
520500
520517
520522
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

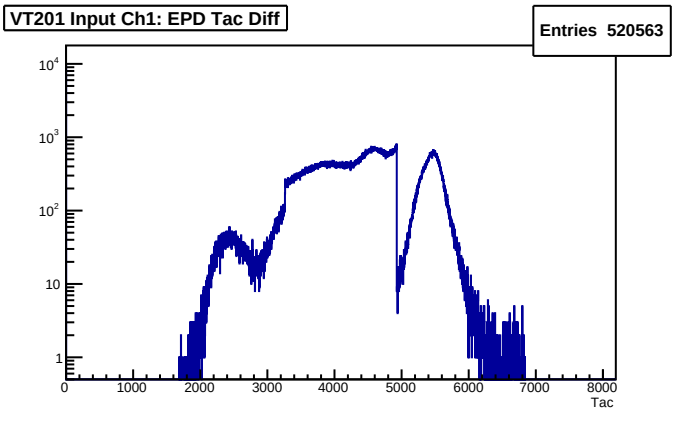

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

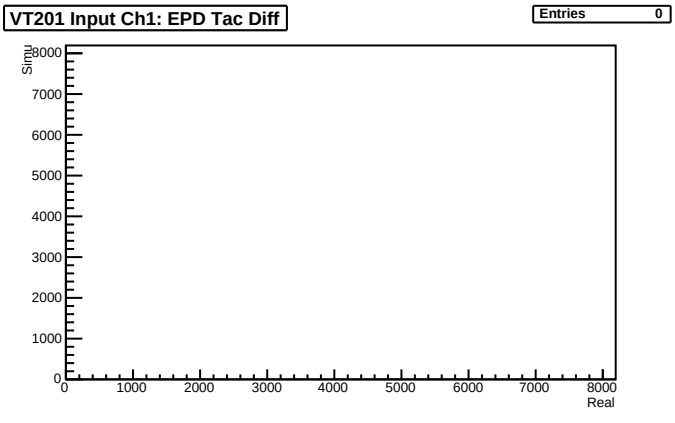

VT201 Input Ch0: BBC Small Tac Diff
Entries 520563
Tac

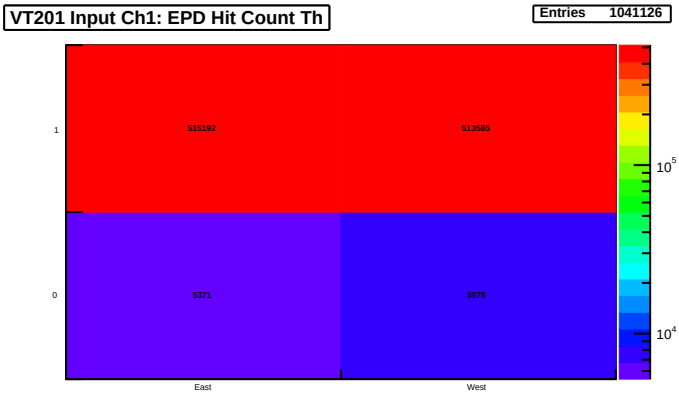

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

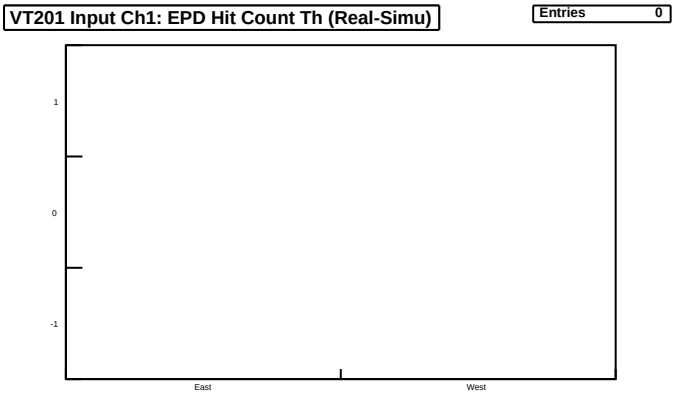

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1041126
337650
445567
182913
74996
East
West

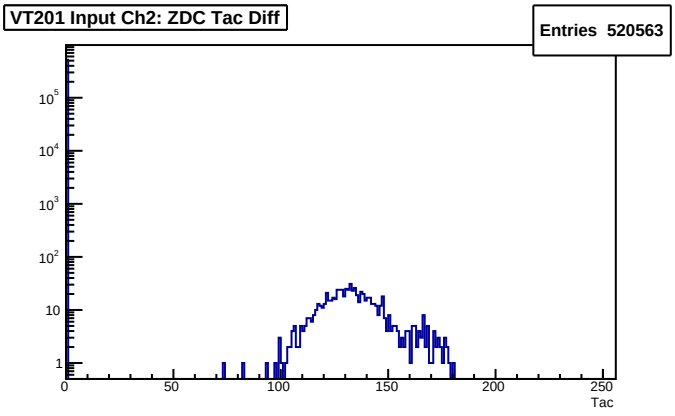

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

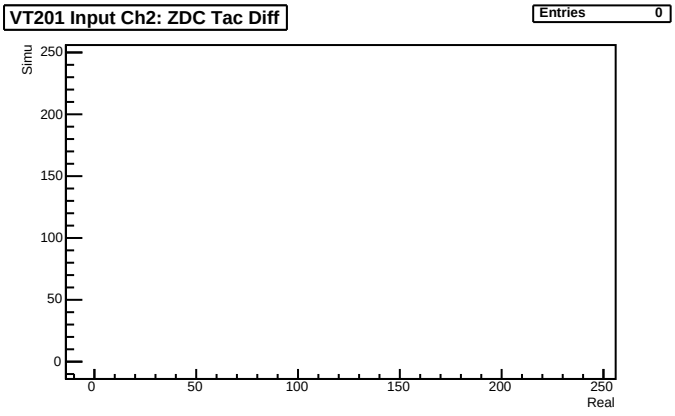

VT201 Input Ch1: EPD Tac Diff
Entries 520563
Tac

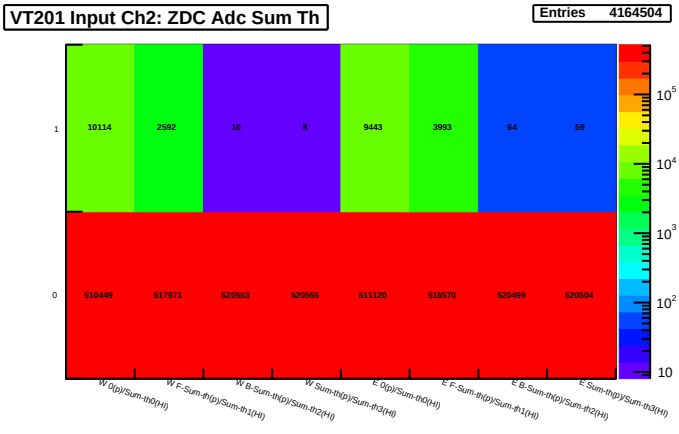

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

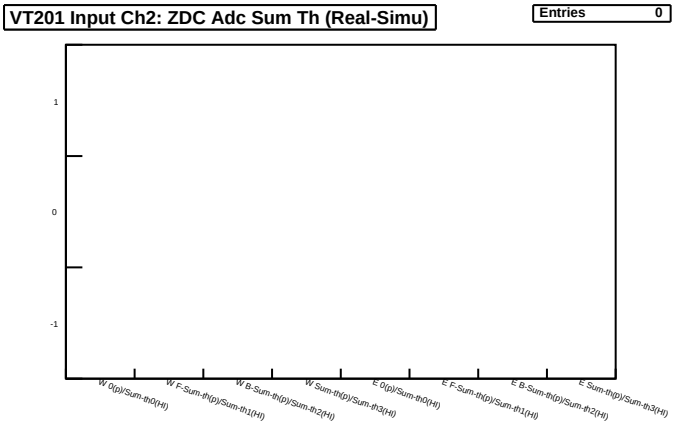

VT201 Input Ch1: EPD Hit Count Th
Entries 1041126
515192
513585
5371
6978
East
West

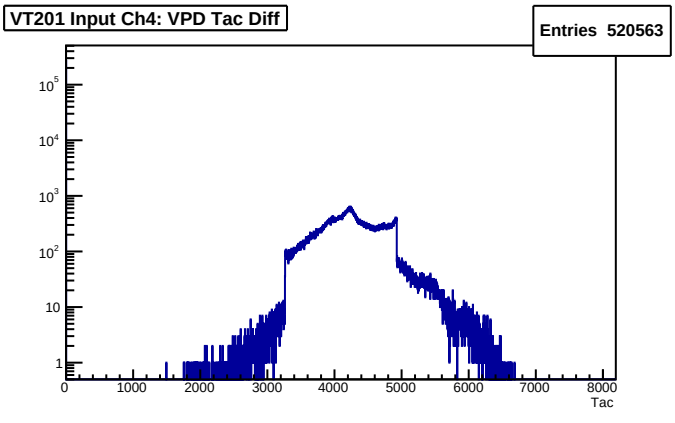

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

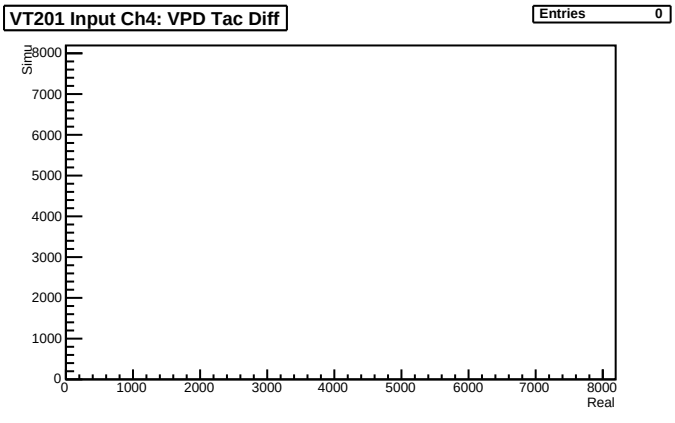

VT201 Input Ch2: ZDC Tac Diff
Entries 520563
Tac

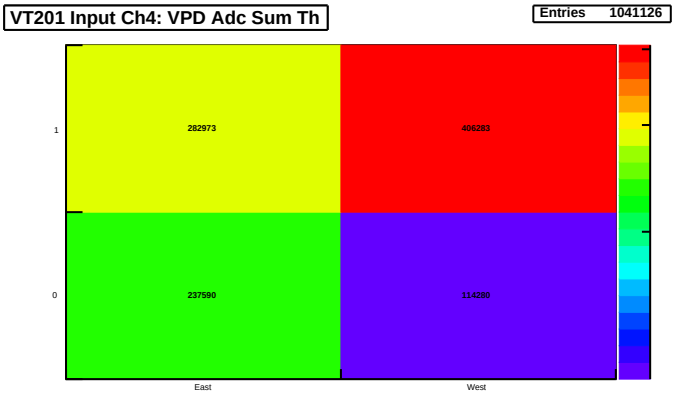

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

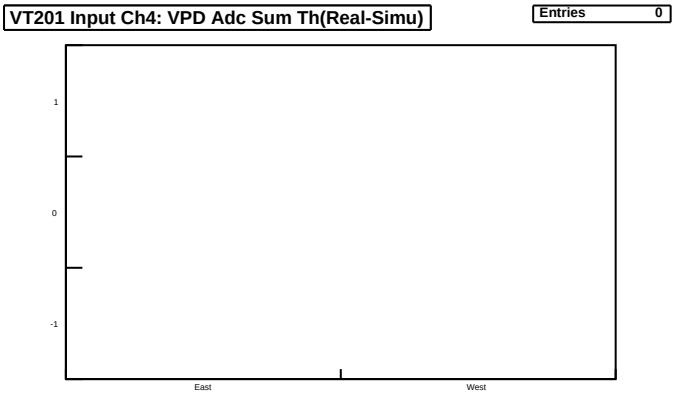

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4164504
10114
2592
10
8
9443
3993
64
59
510449
517971
520553
520555
511120
516570
520499
520504
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

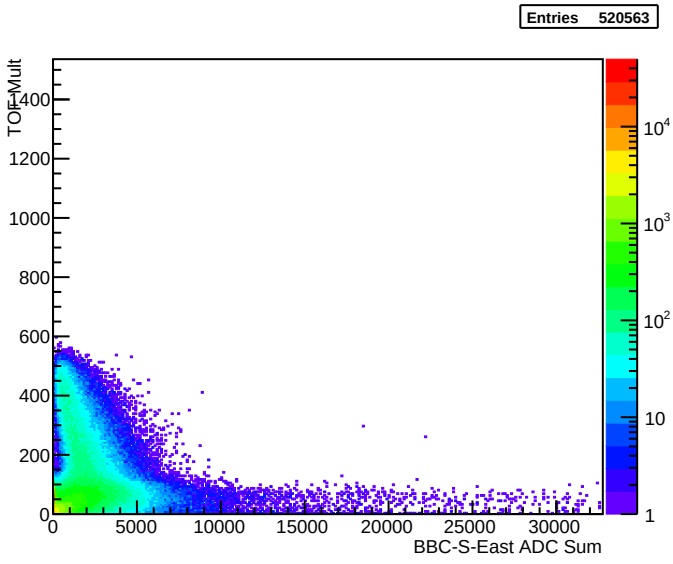

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

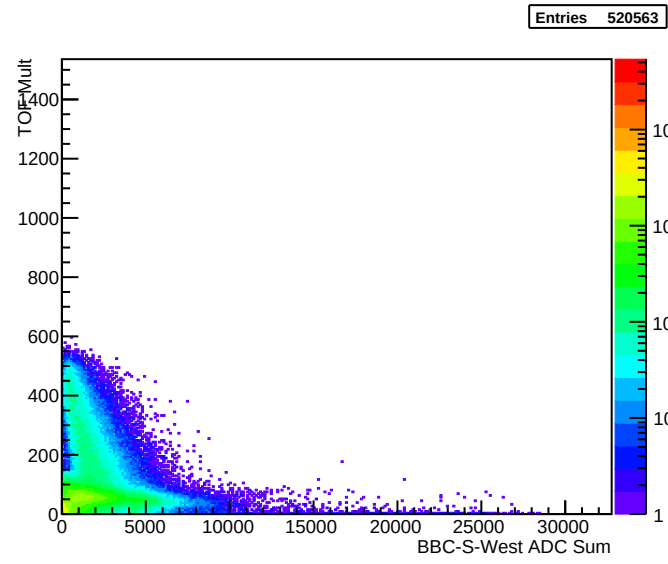

VT201 Input Ch4: VPD Tac Diff
Entries 520563
Tac

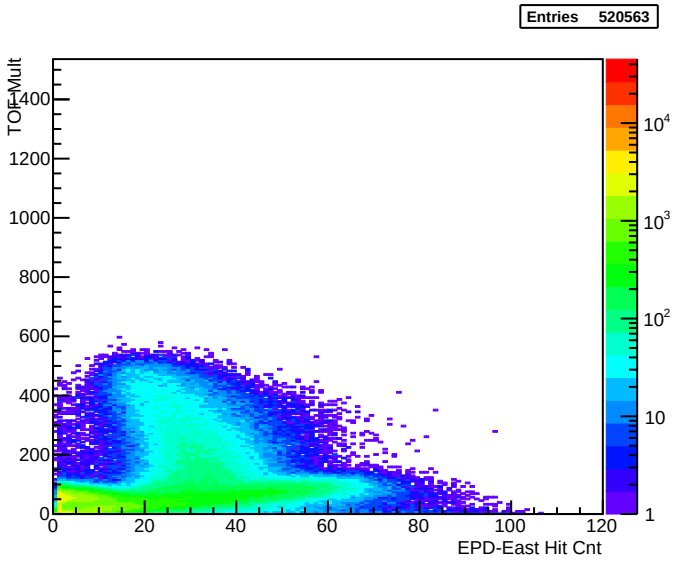

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

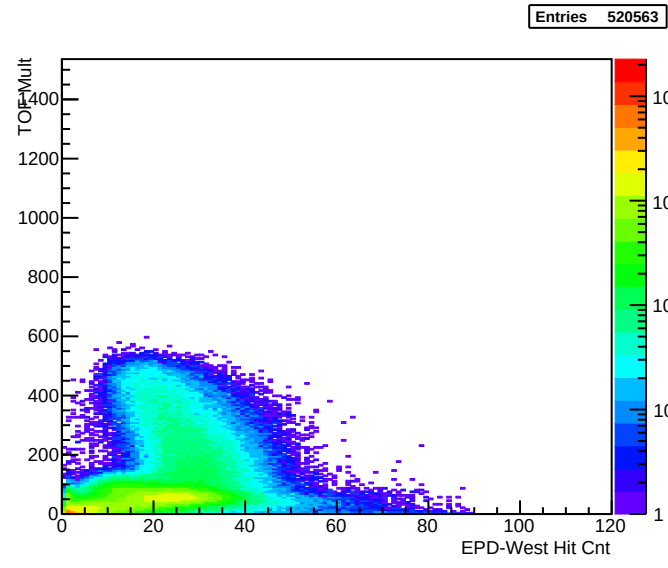

VT201 Input Ch4: VPD Adc Sum Th
Entries 1041126
282973
400283
237590
114280
East
West

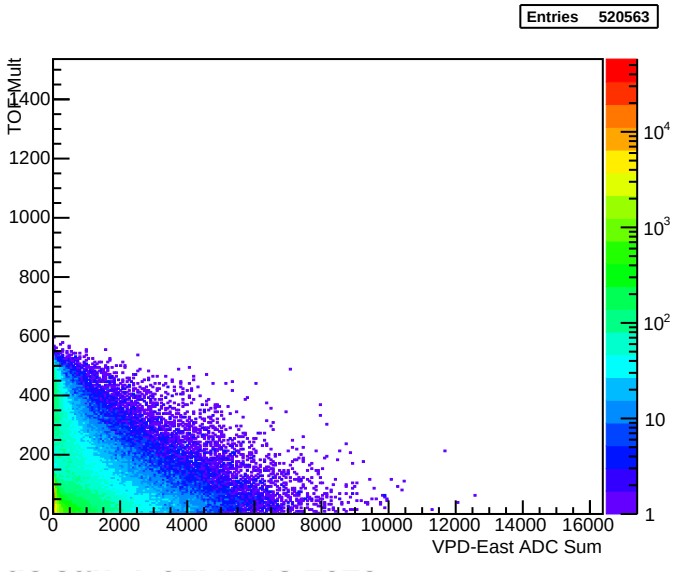

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

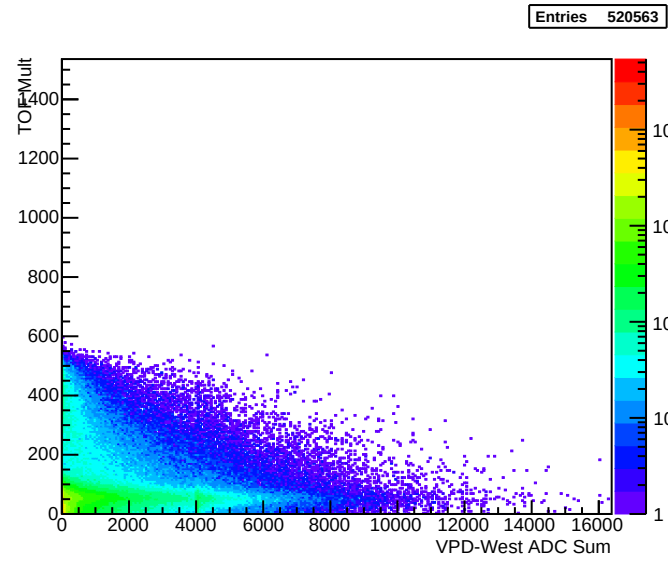

Entries 520563
TOF-Mult
BBC-S-East ADC Sum

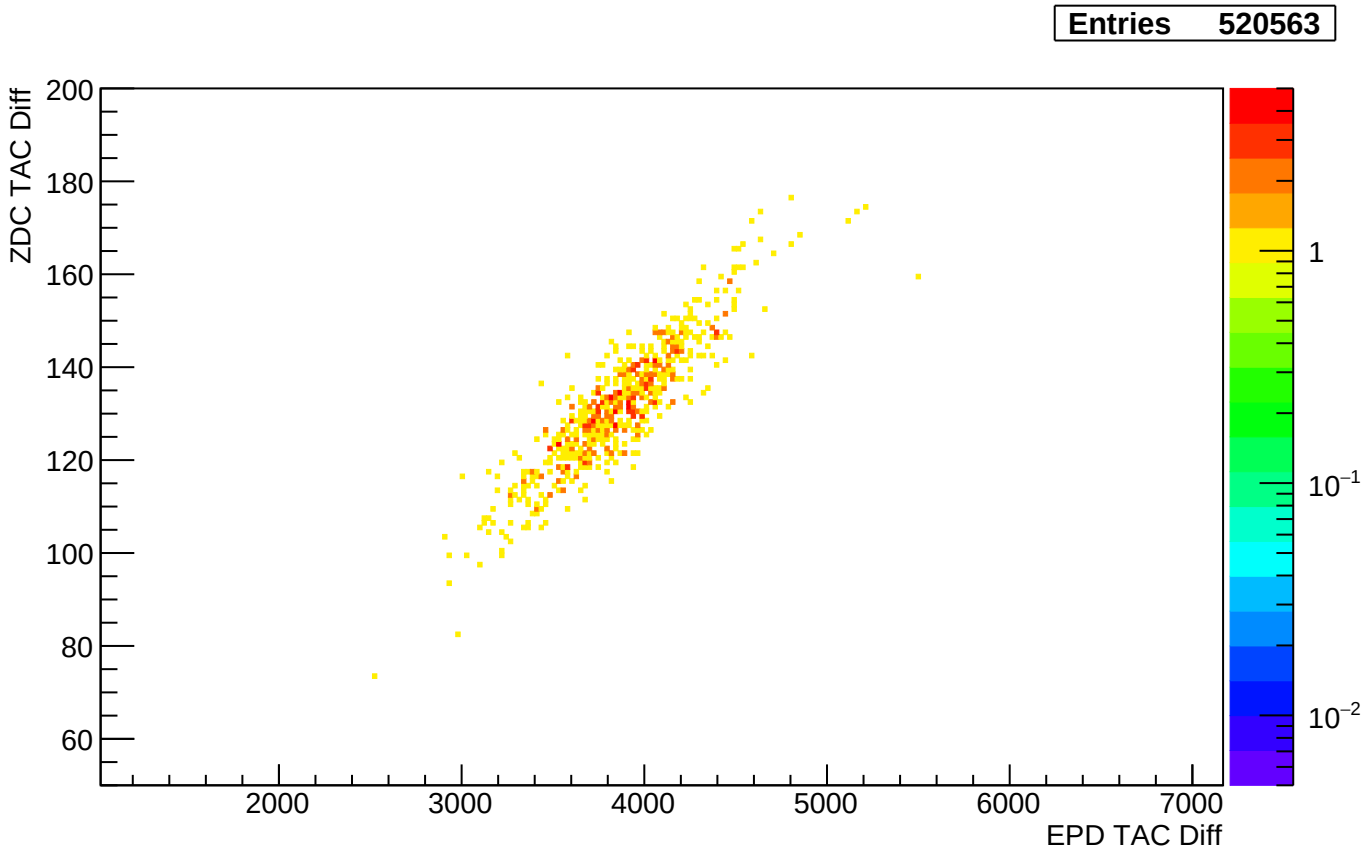

Entries 520563
TOF-Mult
BBC-S-West ADC Sum

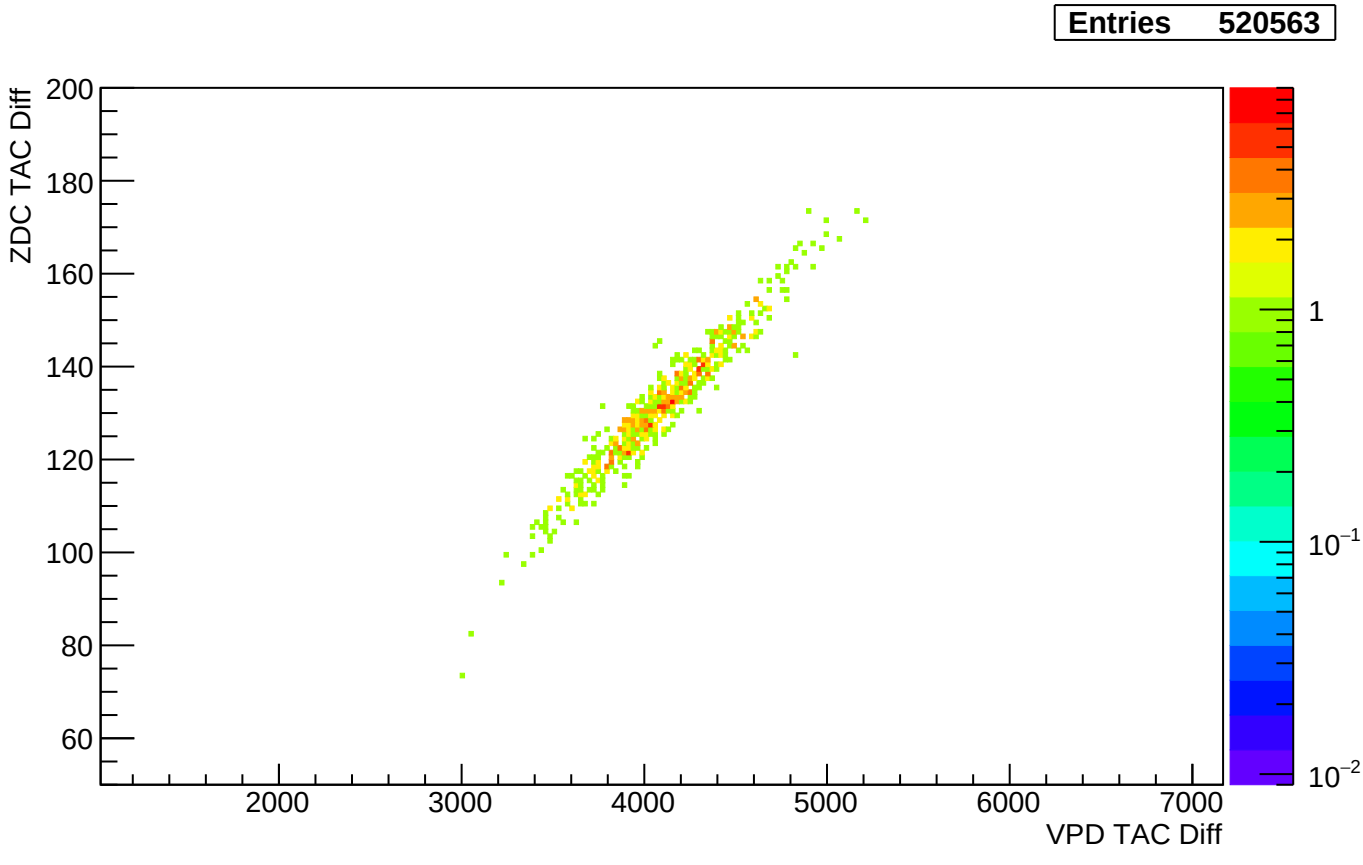

Entries 520563
TOF-Mult
EPD-East Hit Cnt

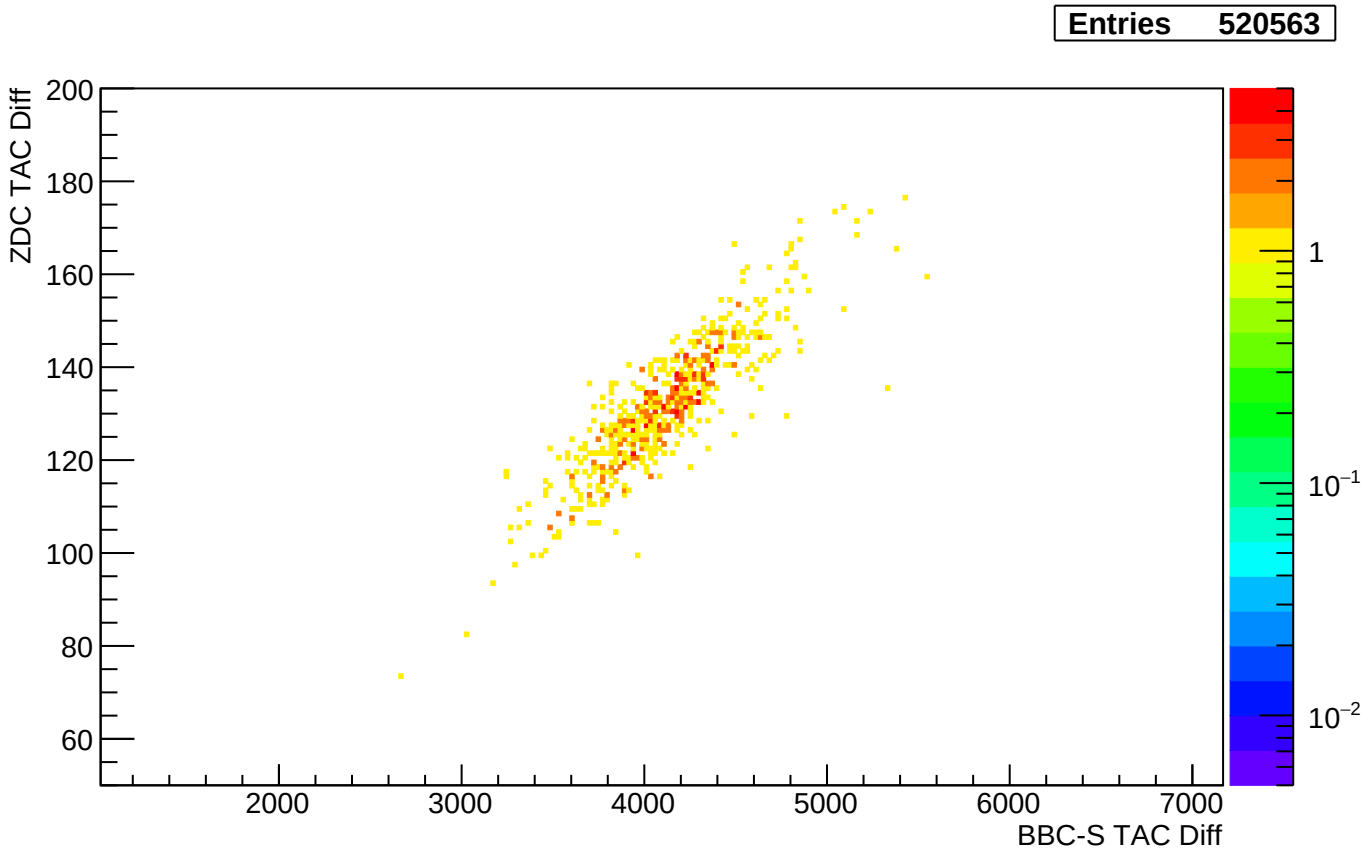

Entries 520563
TOF-Mult
EPD-West Hit Cnt

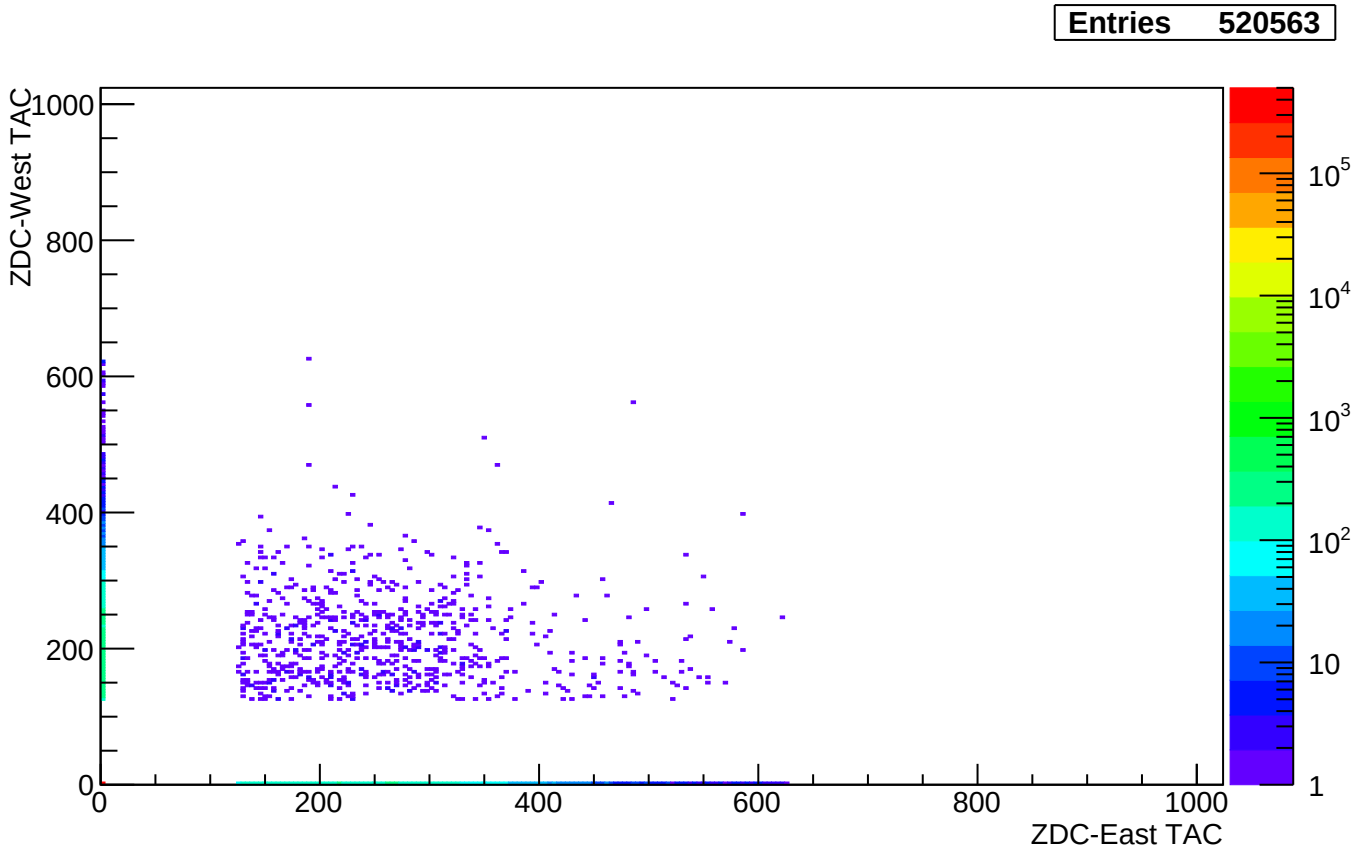

Entries 520563
TOF-Mult
VPD-East ADC Sum

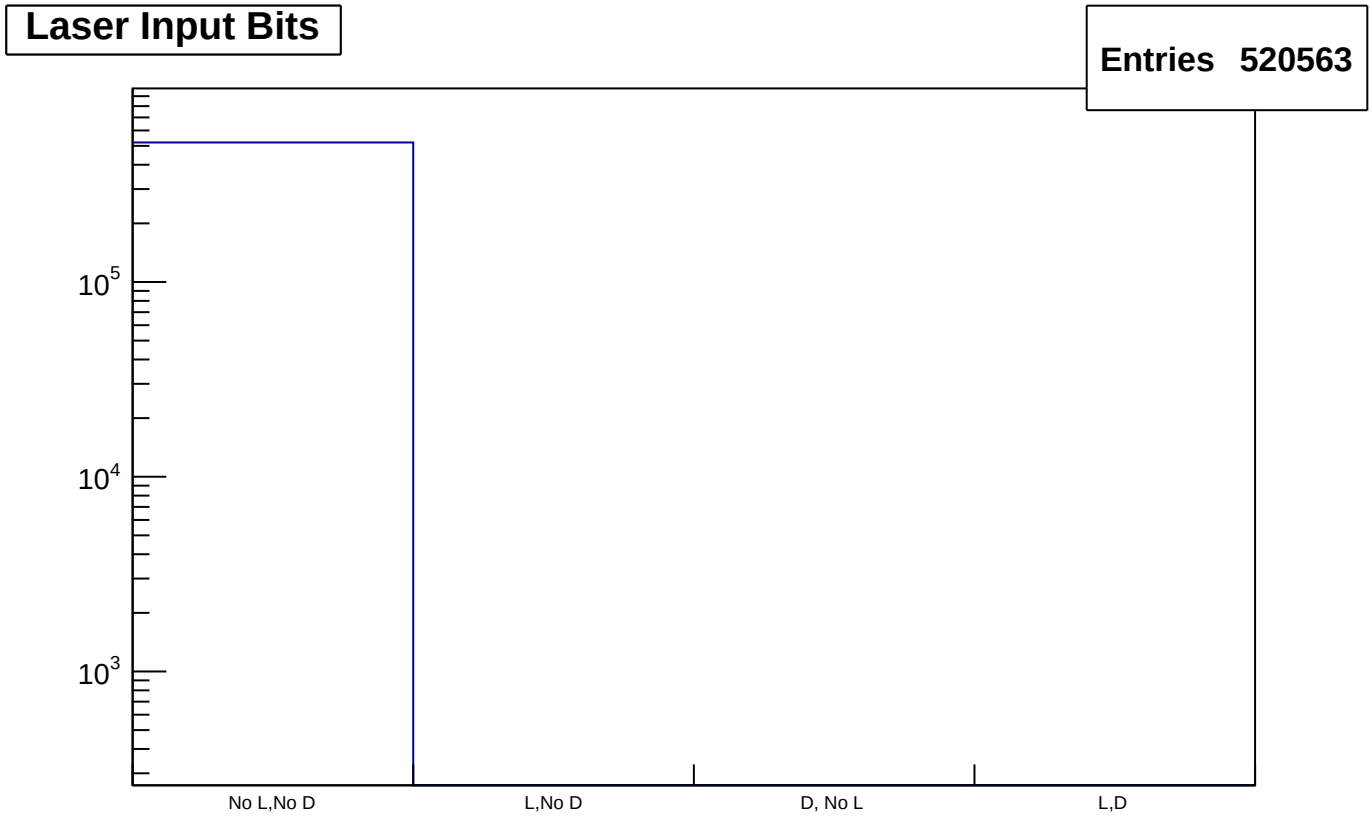

Entries 520563
TOF-Mult
VPD-West ADC Sum

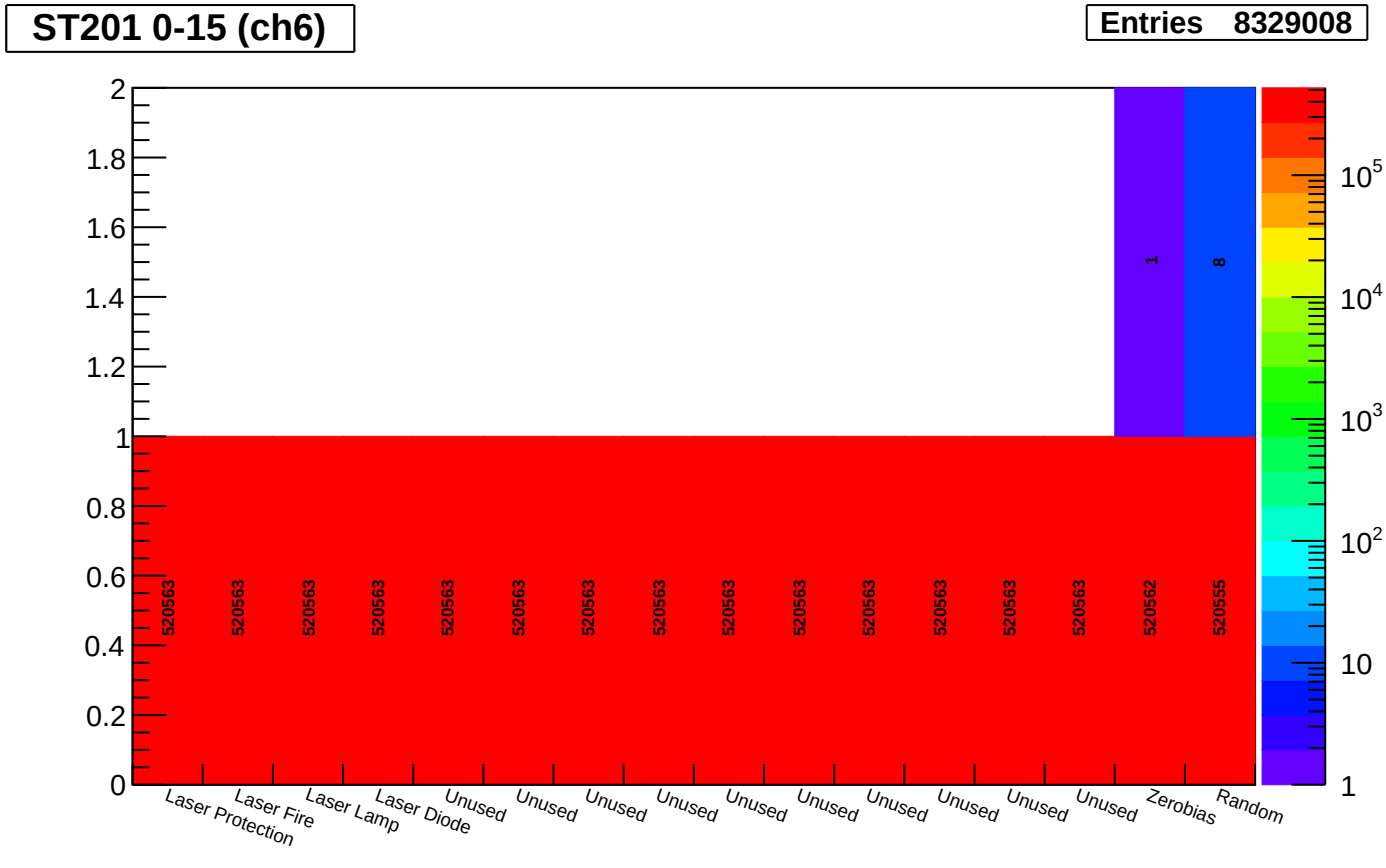

Entries 520563
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

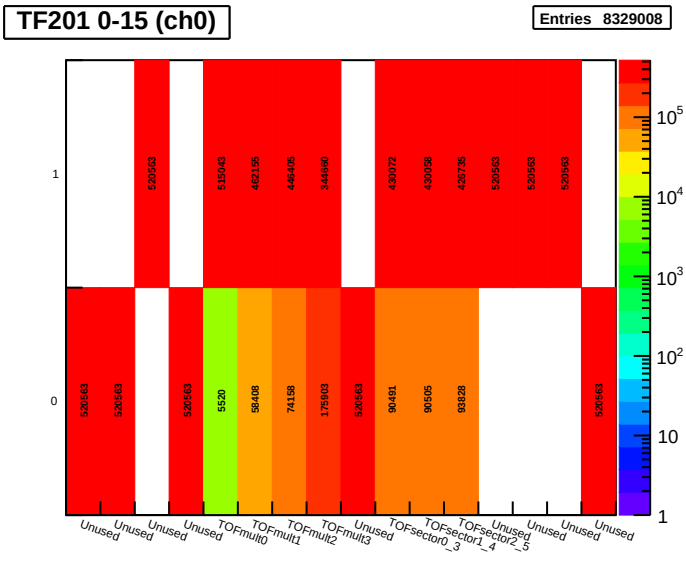

Entries 520563
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

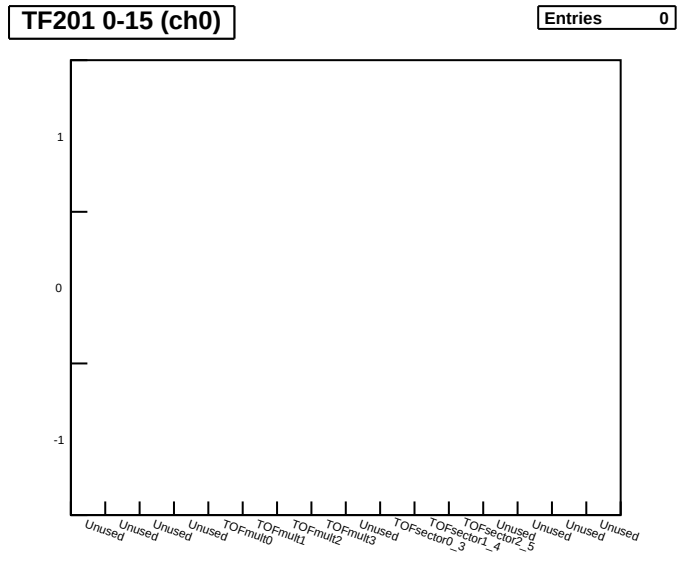

Entries 520563
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

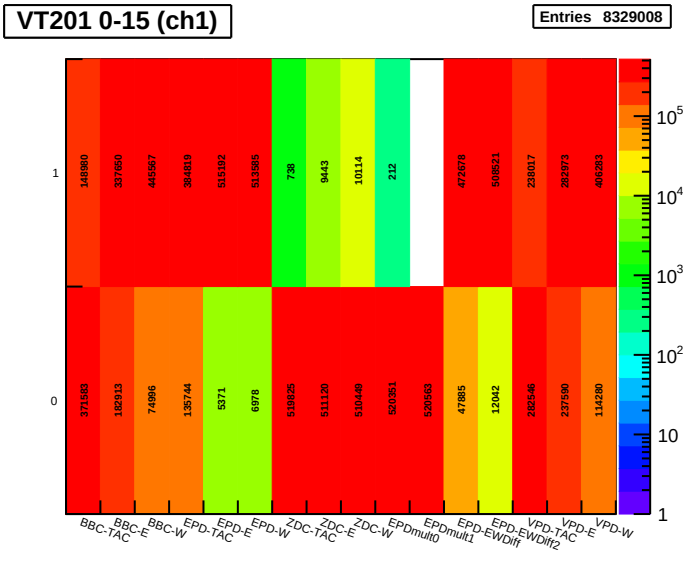

Entries 520563
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

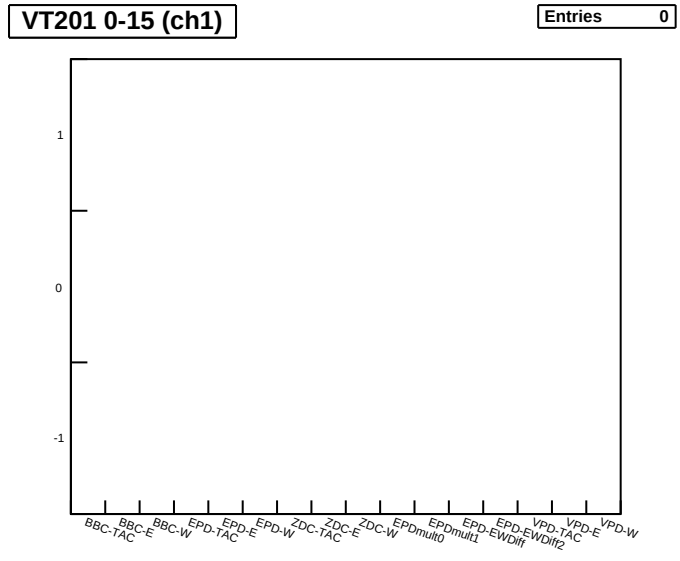

Laser Input Bits
Entries 520563
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

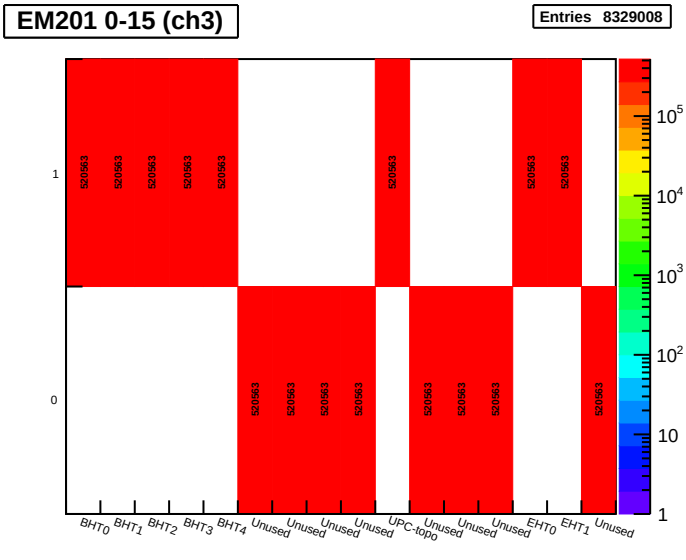

ST201 0-15 (ch6)
Entries 8329008
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520562
520555
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

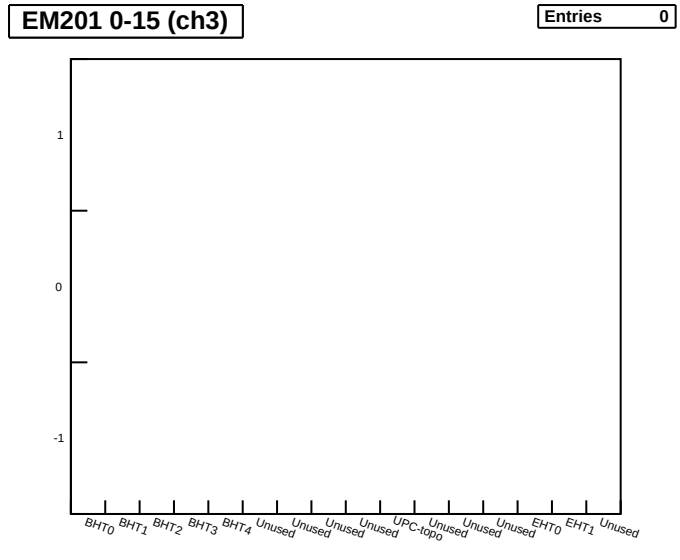

TF201 0-15 (ch0)
Entries 8329008
1
0
520563
515043
462155
446405
344660
430072
430058
426735
520563
520563
520563
520563
520563
5520
58408
74158
175903
520563
90491
90505
93828
520563
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8329008
1
0
148960
337650
445567
384819
515192
513585
738
9443
10114
212
472678
508521
238017
282973
406283
371583
182913
74996
135744
5371
6978
519825
511120
510449
520351
520563
47885
12042
282546
237590
114280
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 8329008
1
0
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
520563
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