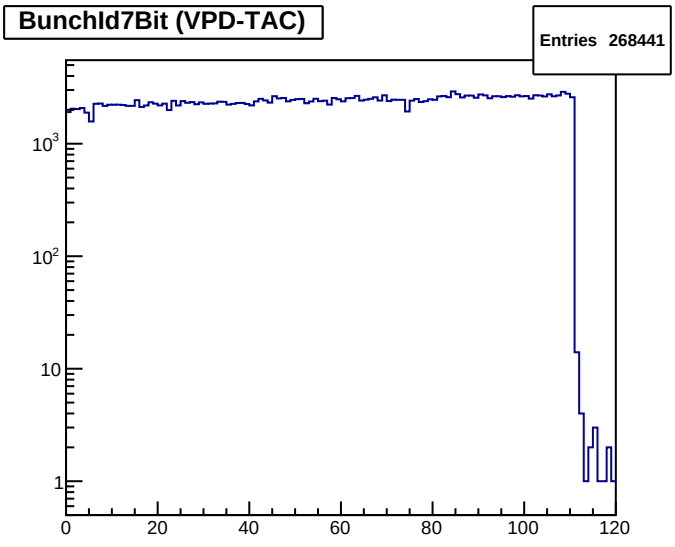
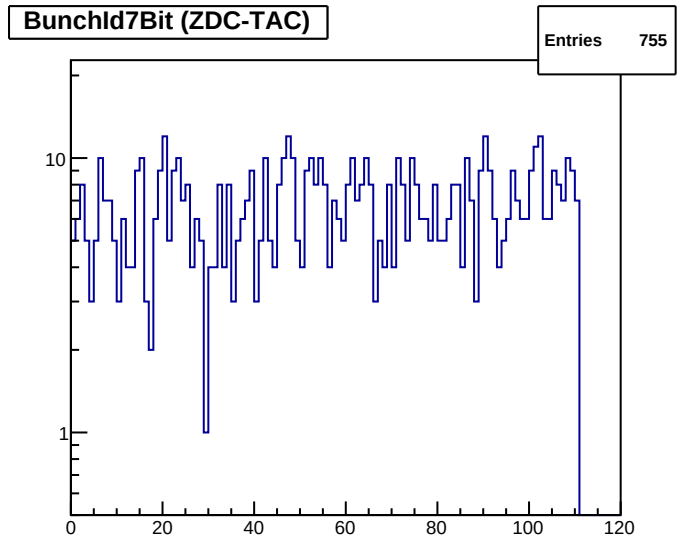
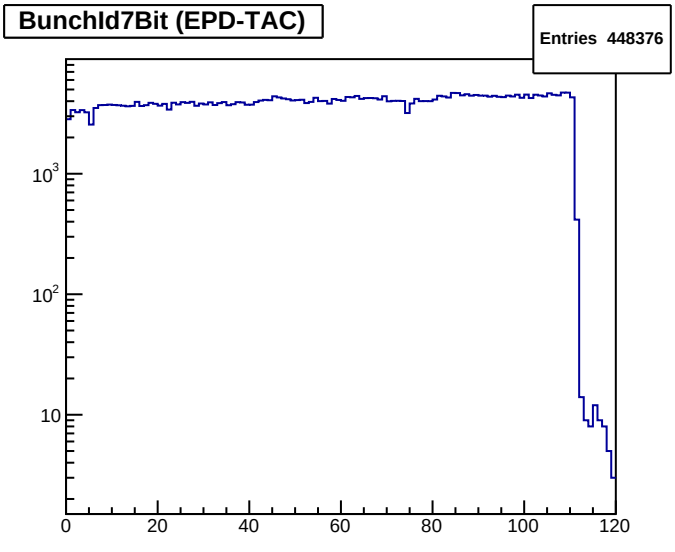
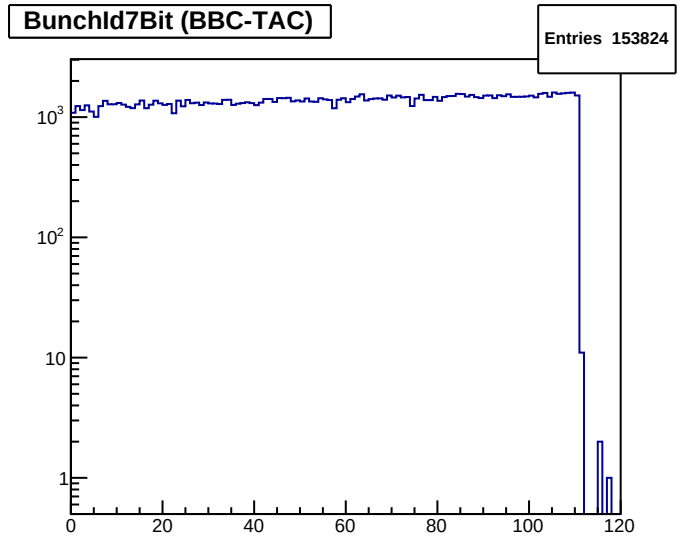
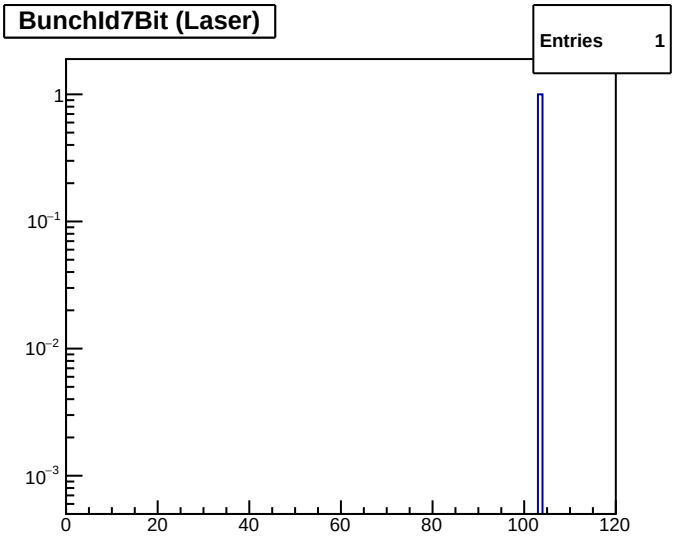
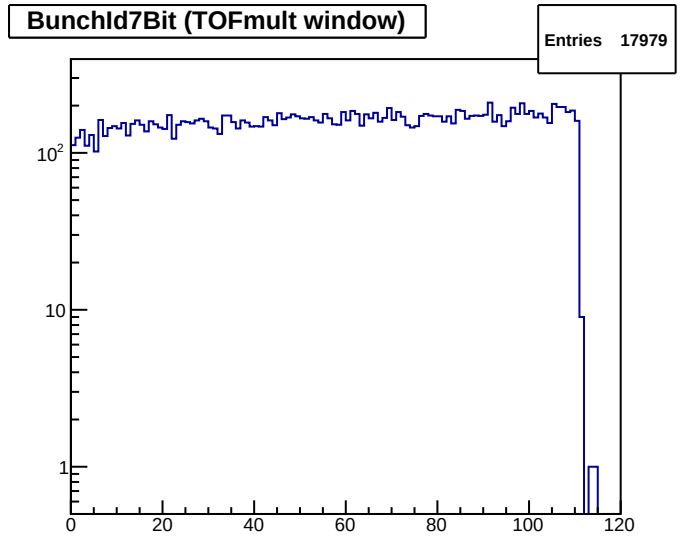

BunchId7Bit (VPD-TAC)
Entries 268441

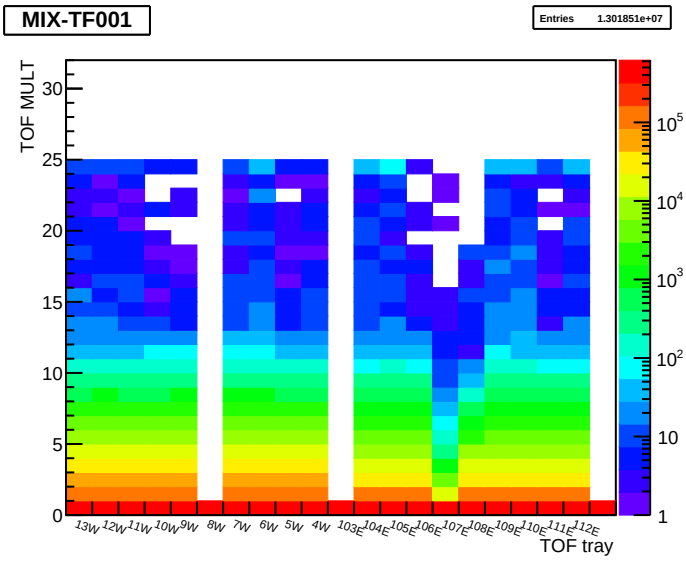

BunchId7Bit (ZDC-TAC)
Entries 755

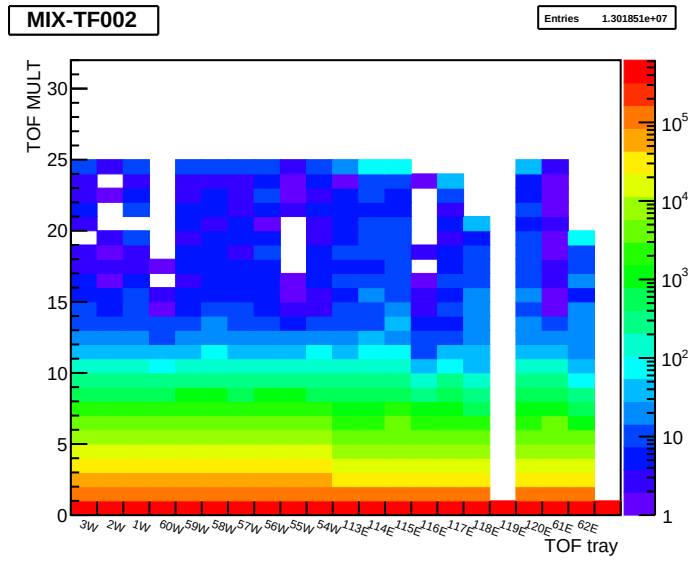

BunchId7Bit (EPD-TAC)
Entries 448376

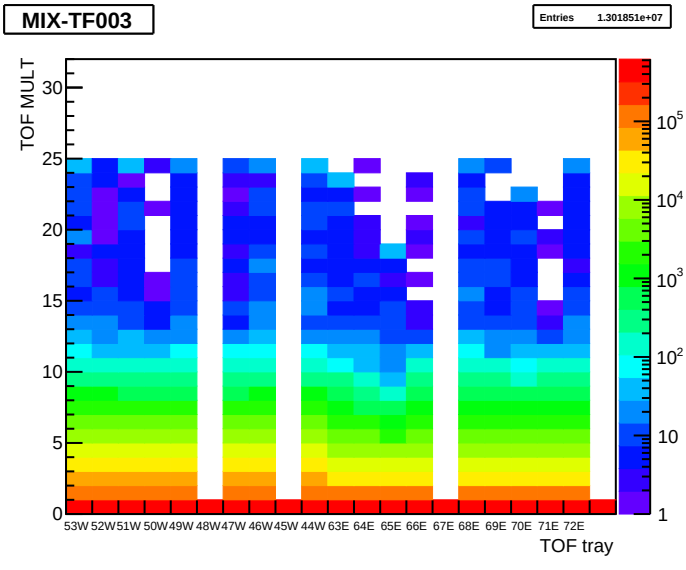

BunchId7Bit (BBC-TAC)
Entries 153824

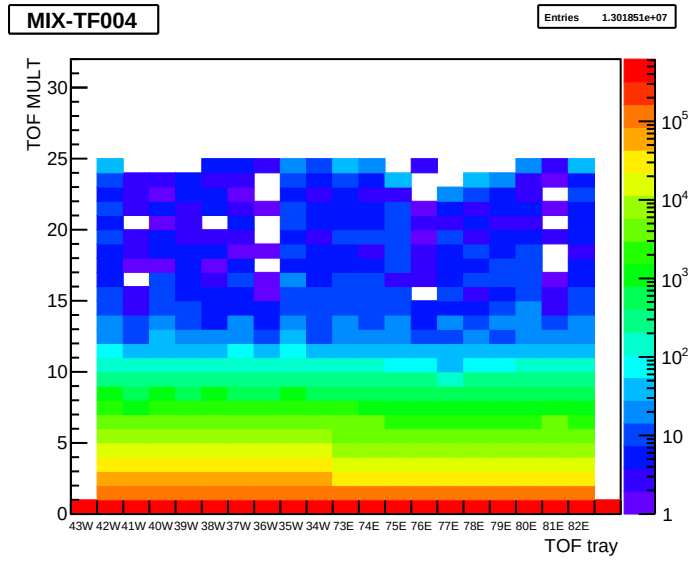

BunchId7Bit (Laser)
Entries 1

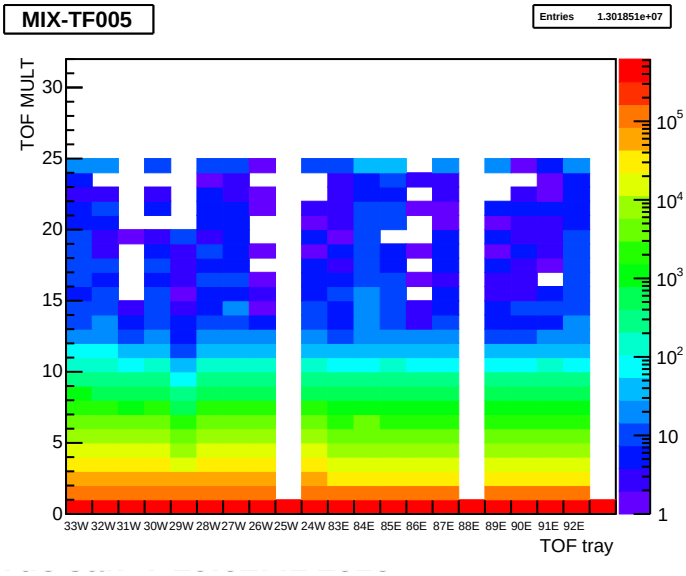

BunchId7Bit (TOFmult window)
Entries 17979

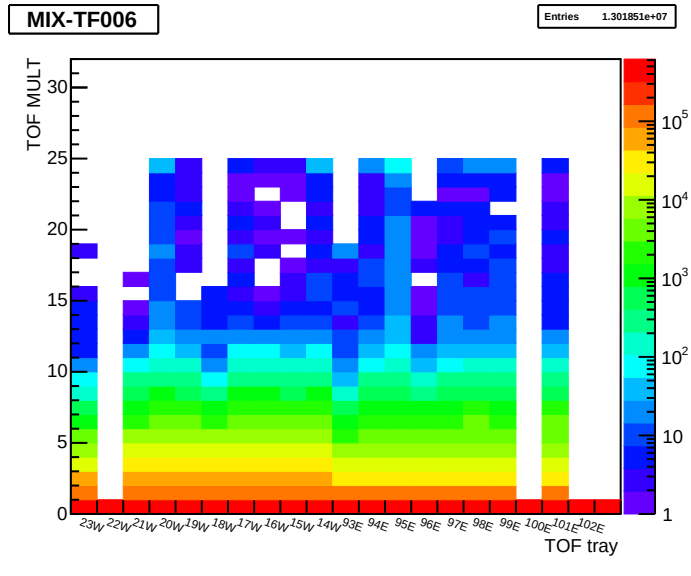

MIX-TF001
Entries 1.301851e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

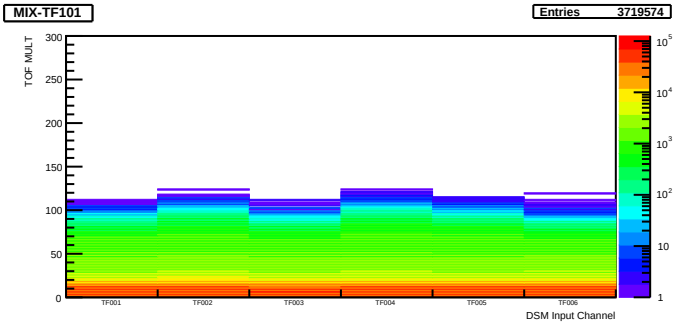

MIX-TF002
Entries 1.301851e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

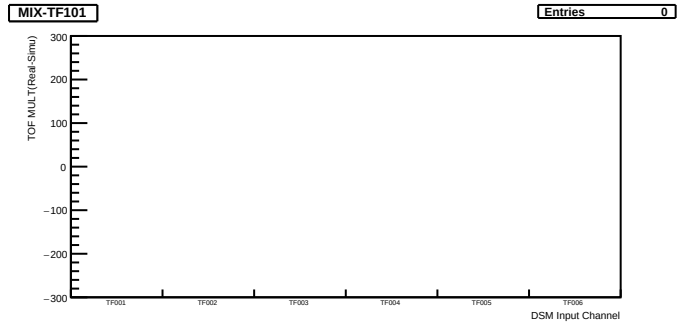

MIX-TF003
Entries 1.301851e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

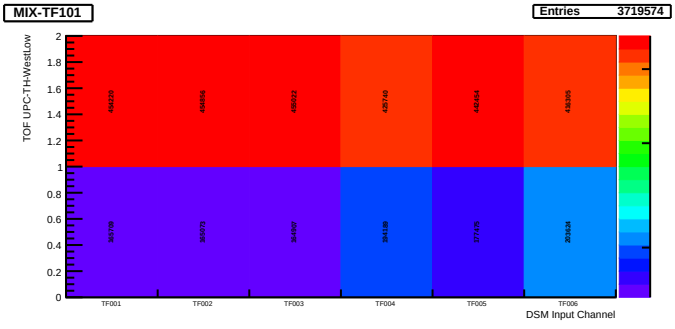

MIX-TF004
Entries 1.301851e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

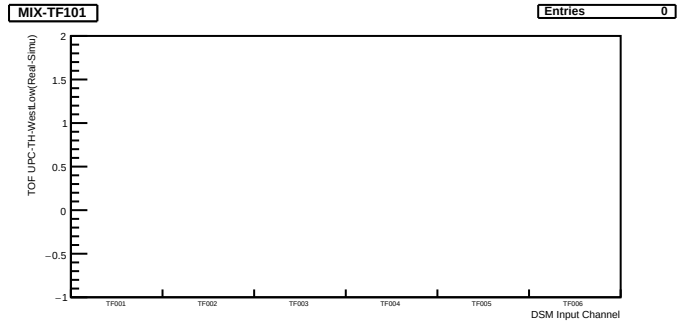

MIX-TF005
Entries 1.301851e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

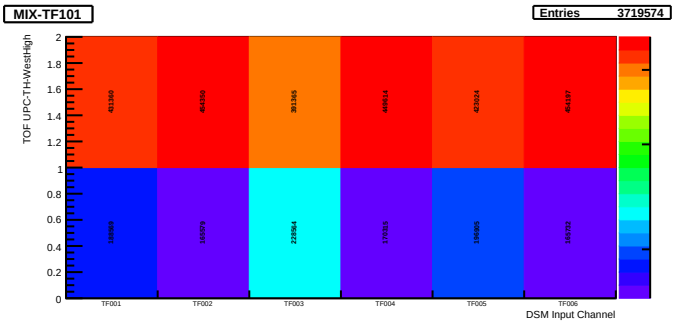

MIX-TF006
Entries 1.301851e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

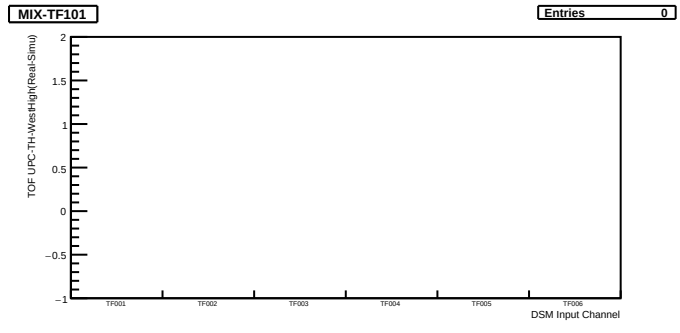

MIX-TF101
Entries 3719574
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

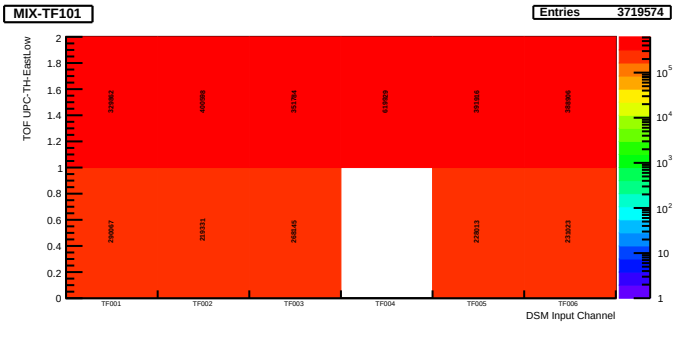

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

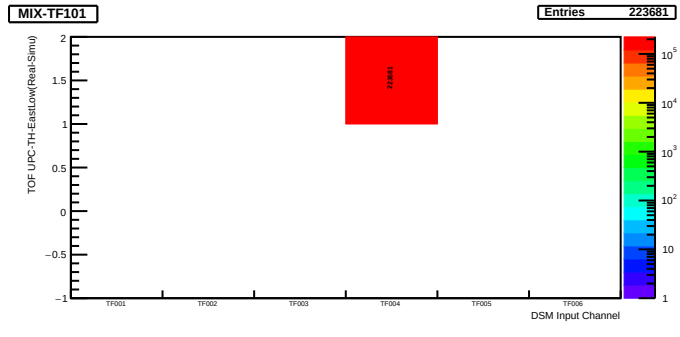

MIX-TF101
Entries 3719574
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

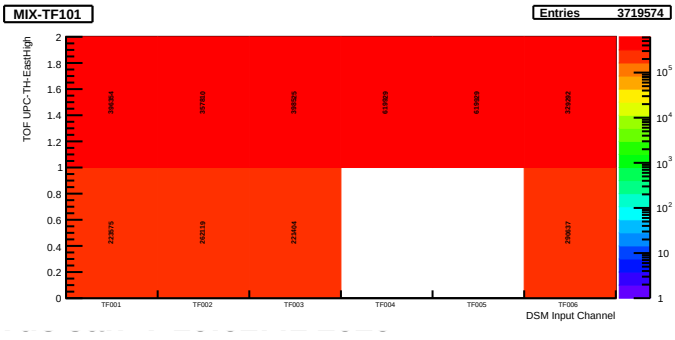

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

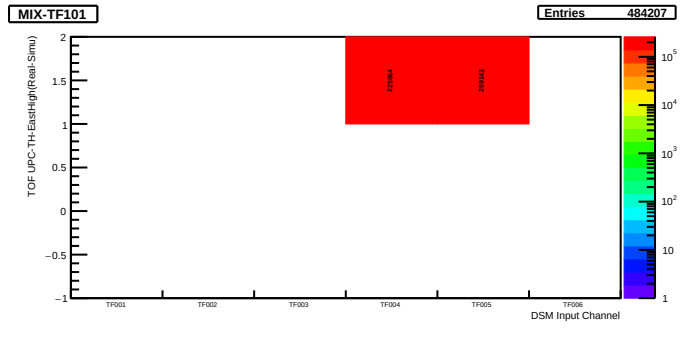

MIX-TF101
Entries 3719574
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

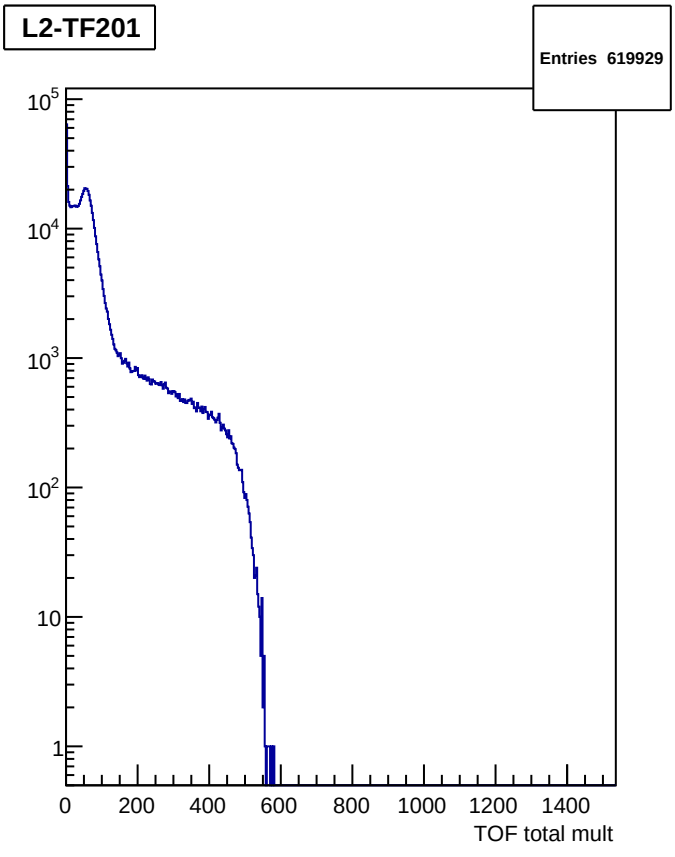

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

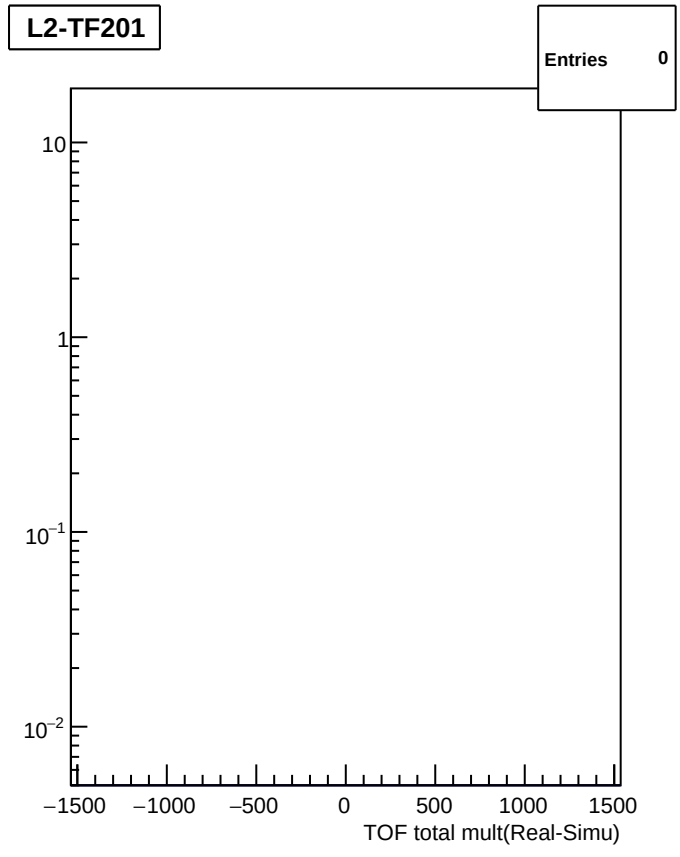

MIX-TF101
Entries 3719574
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

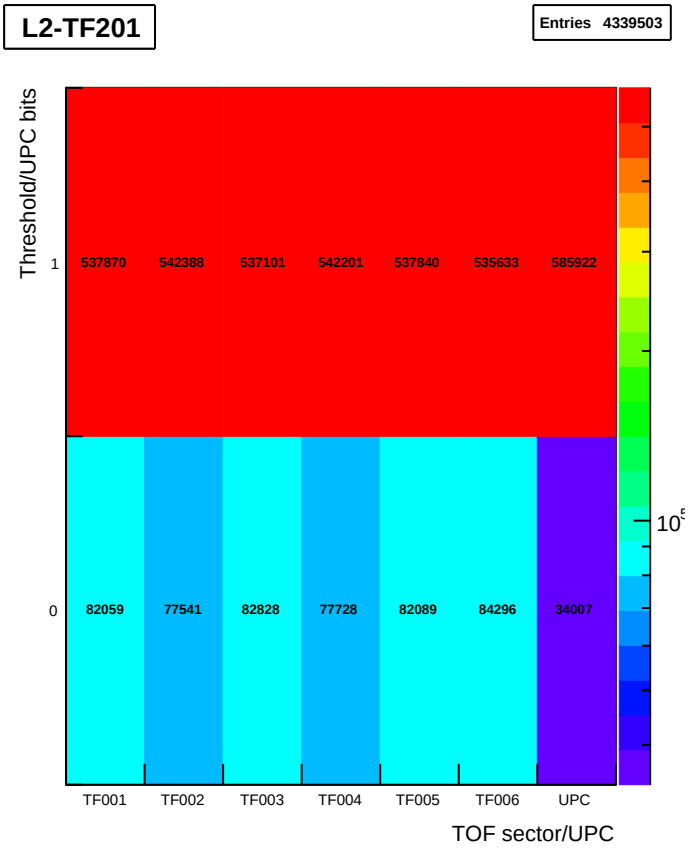

MIX-TF101
Entries 223681
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

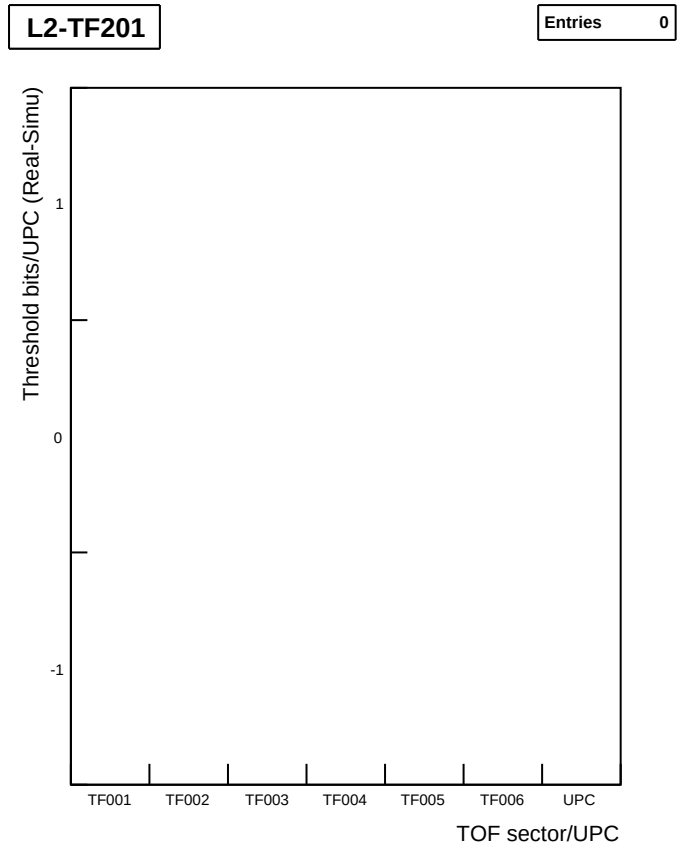

MIX-TF101
Entries 3719574
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

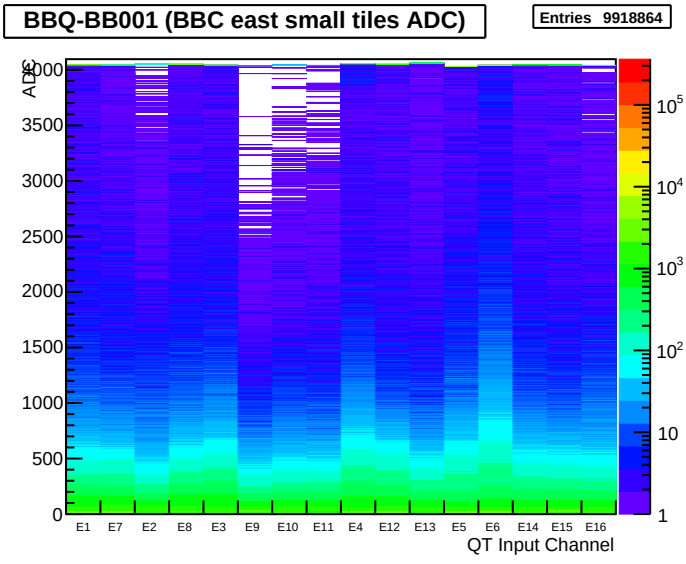

MIX-TF101
Entries 484207
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

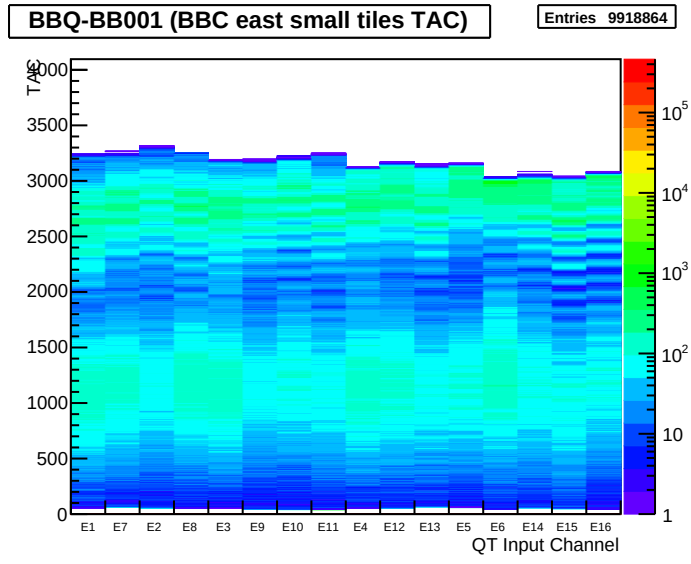

L2-TF201
Entries 619929
TOF total mult

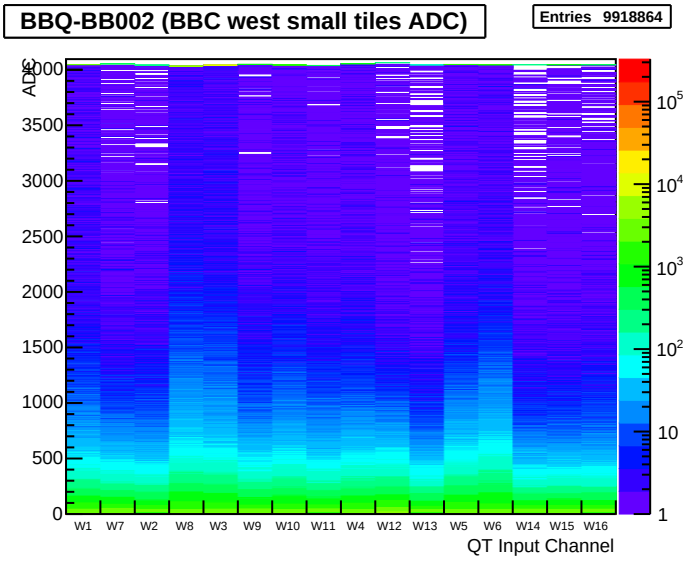

L2-TF201
Entries 0
TOF total mult(Real-Simu)

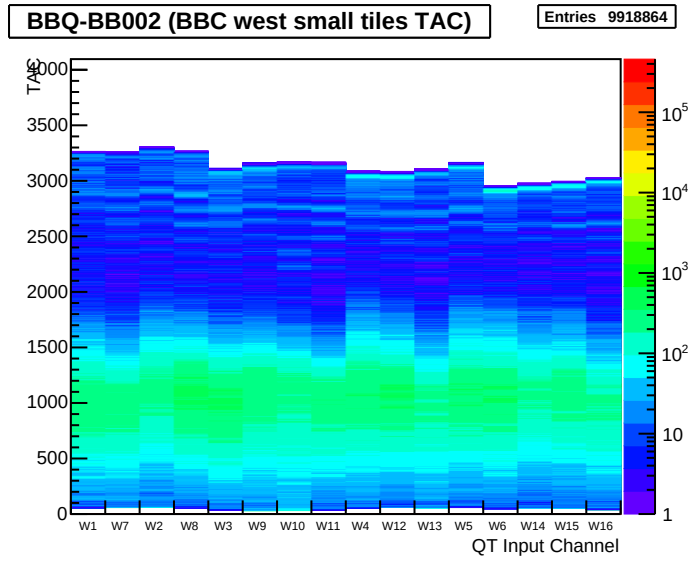

L2-TF201
Entries 4339503
Threshold/UPC bits
537870
542388
537101
542201
537840
535633
585922
82059
77541
82828
77728
82089
84296
34007
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

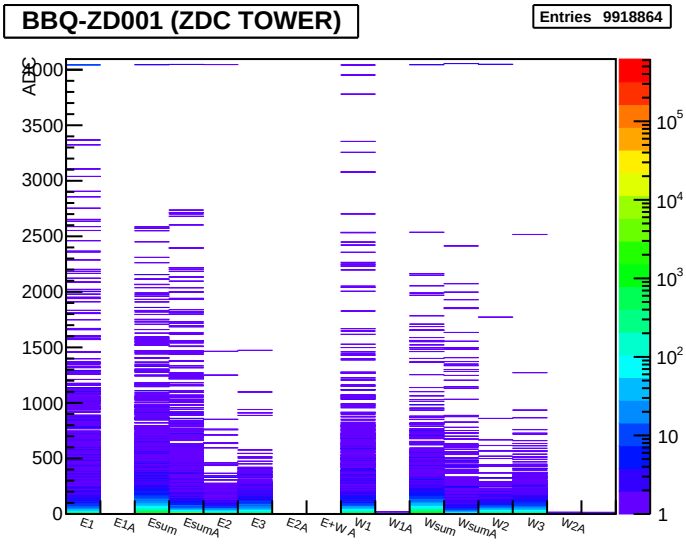

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

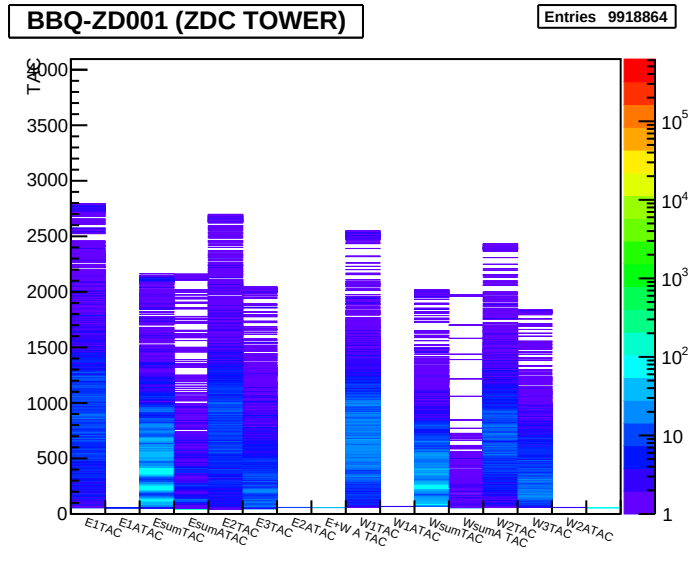

BBQ-BB001 (BBC east small tiles ADC)
Entries 9918864
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

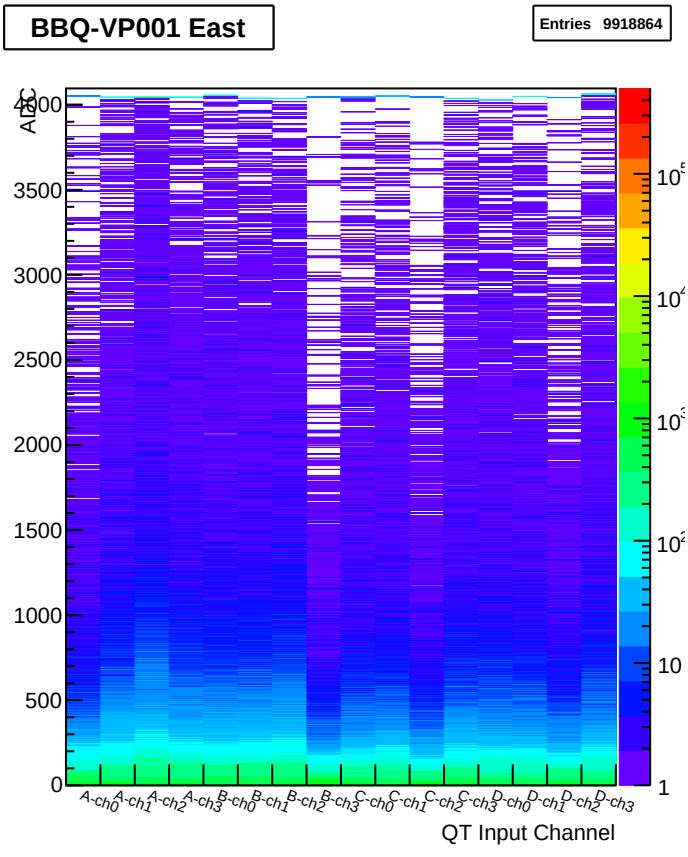

BBQ-BB001 (BBC east small tiles TAC)
Entries 9918864
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

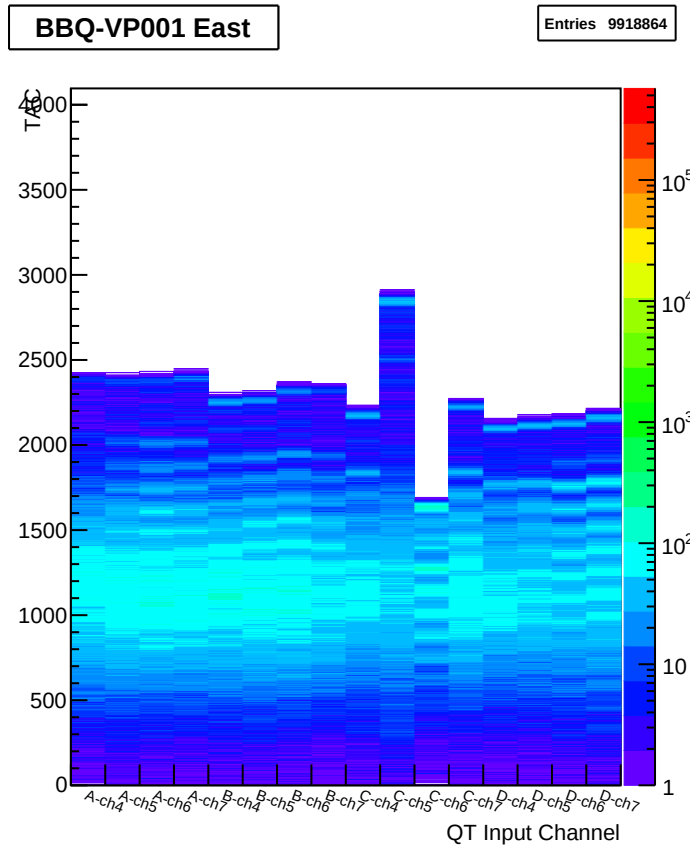

BBQ-BB002 (BBC west small tiles ADC)
Entries 9918864
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

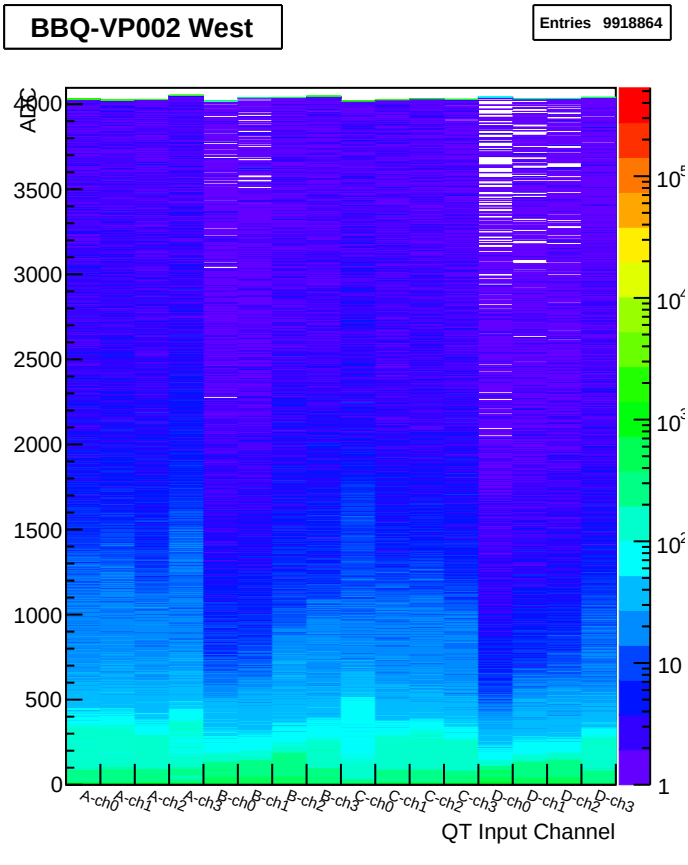

BBQ-BB002 (BBC west small tiles TAC)
Entries 9918864
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

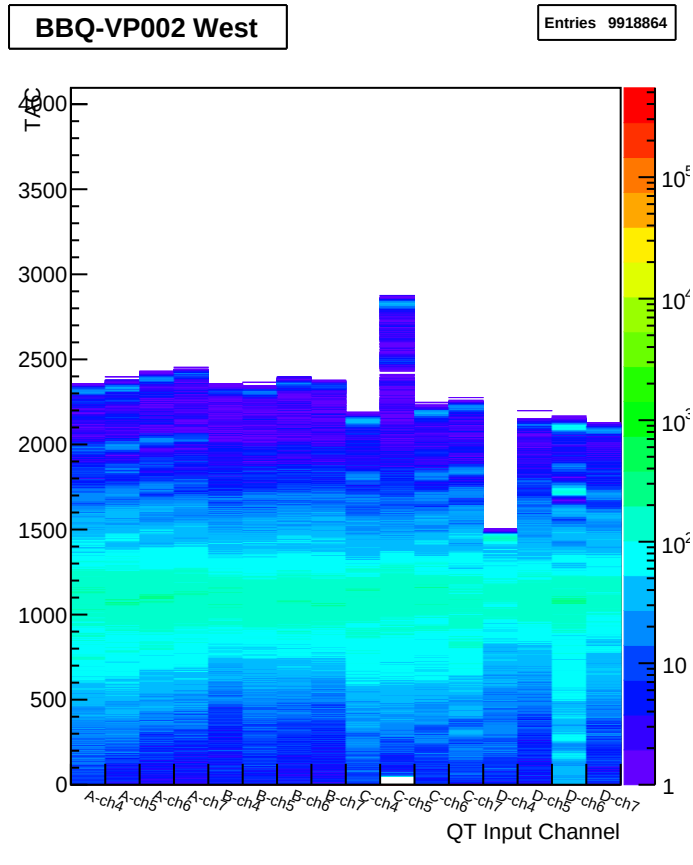

BBQ-ZD001 (ZDC TOWER)
Entries 9918864
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

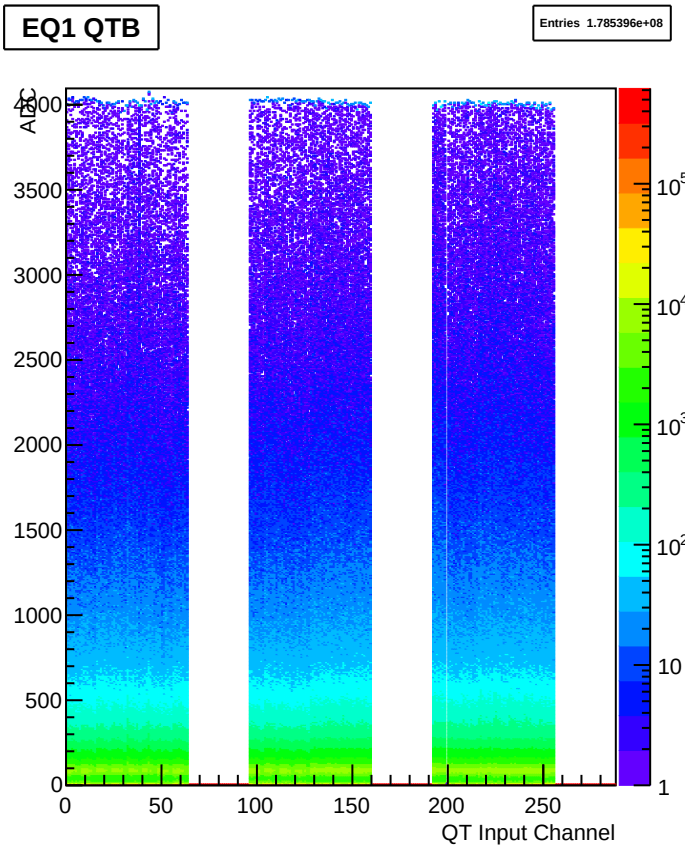

BBQ-ZD001 (ZDC TOWER)
Entries 9918864
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

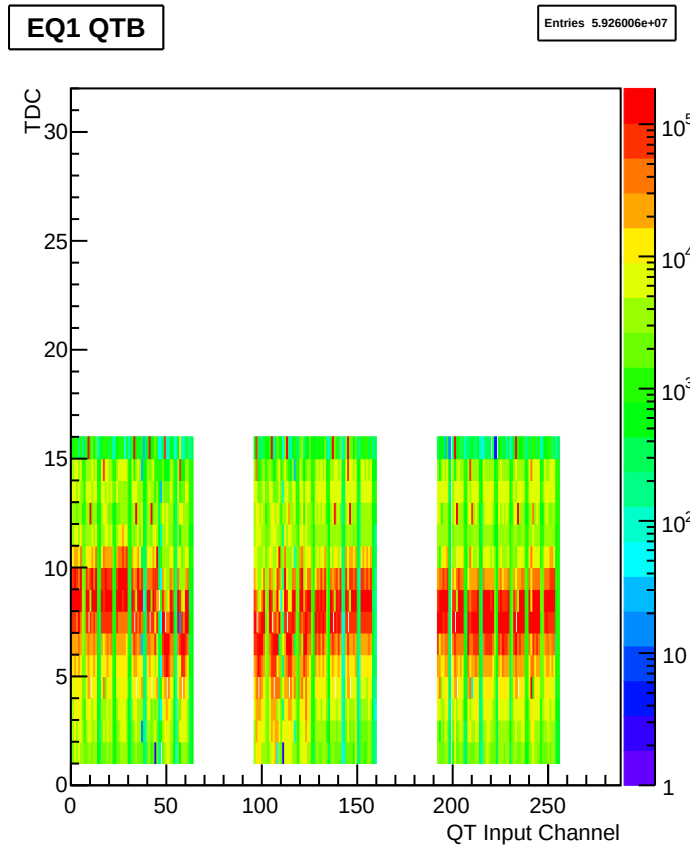

BBQ-VP001 East
Entries 9918864
ADC
QT Input Channel

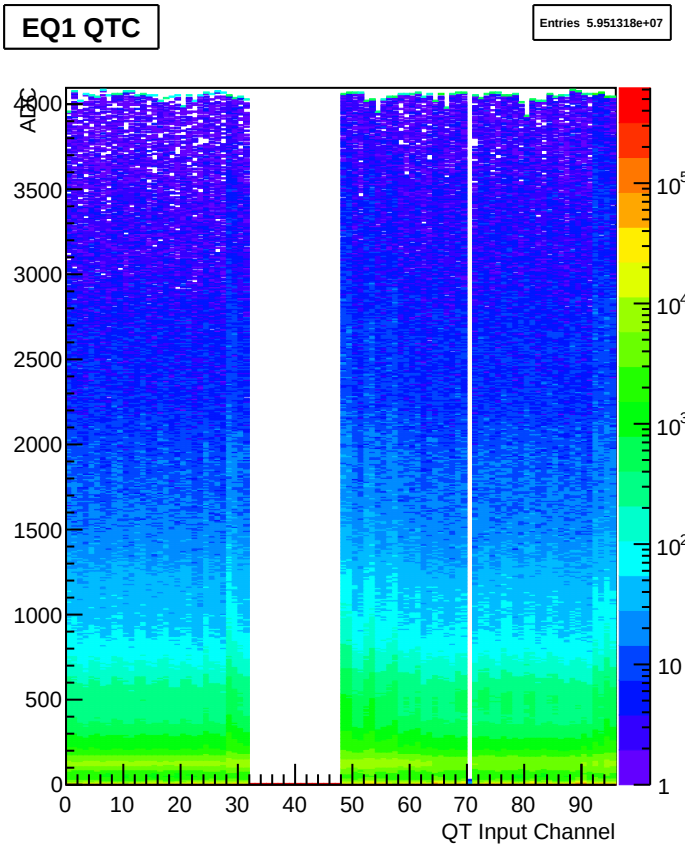

BBQ-VP001 East
Entries 9918864
ADC
QT Input Channel

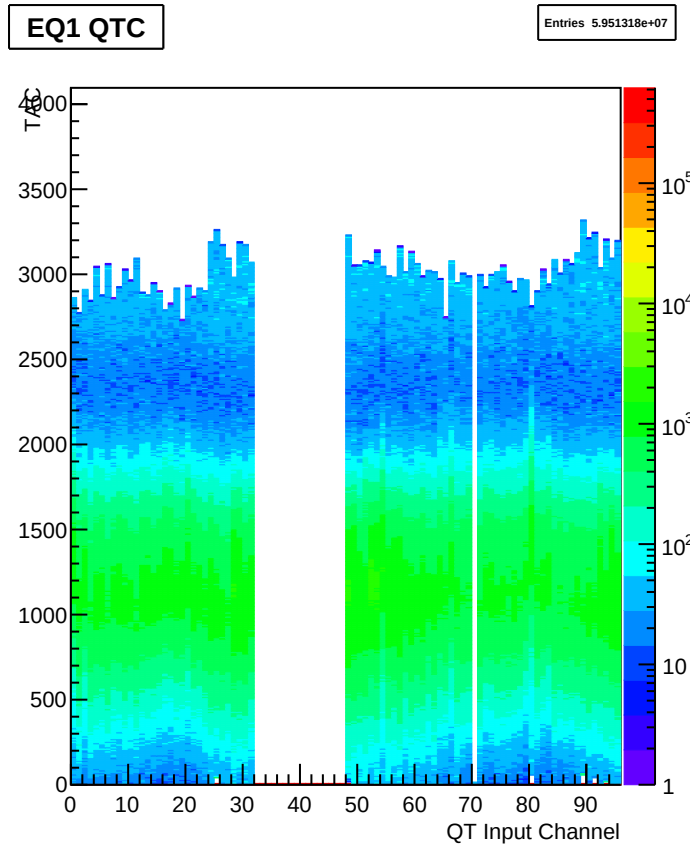

BBQ-VP002 West
Entries 9918864
ADC
QT Input Channel

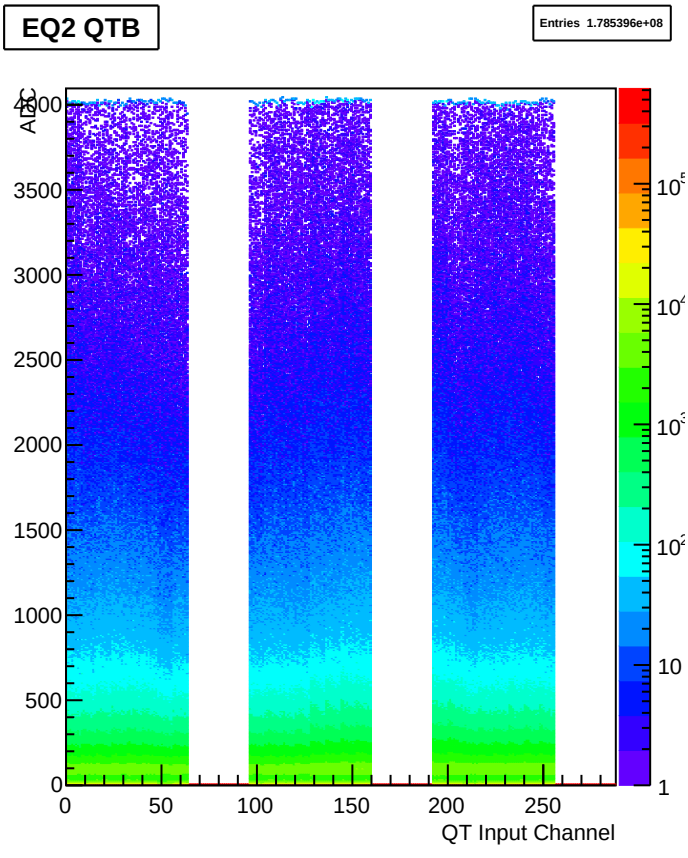

BBQ-VP002 West
Entries 9918864
ADC
QT Input Channel

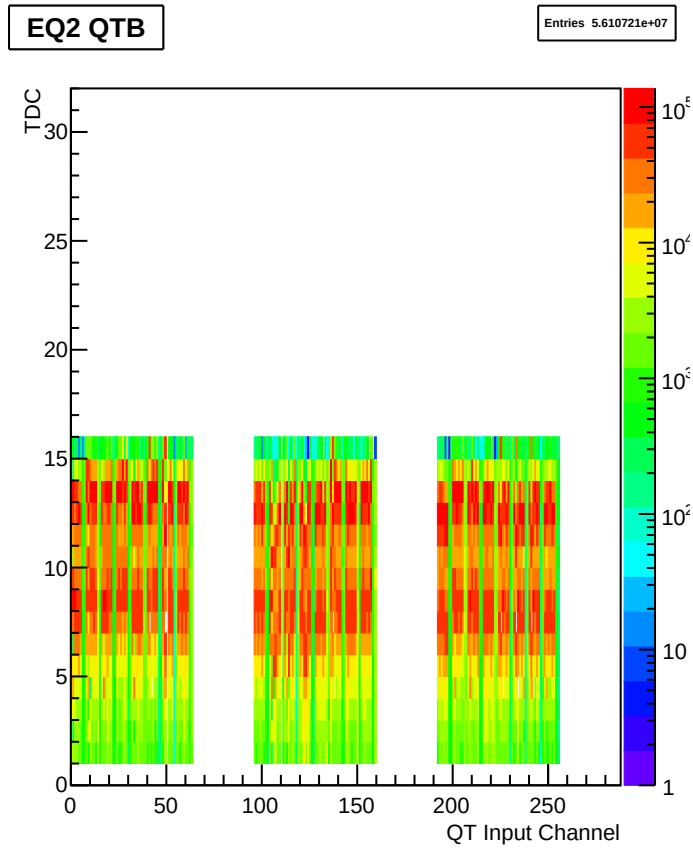

EQ1 QTB
Entries 1.785396e+08
ADC
QT Input Channel

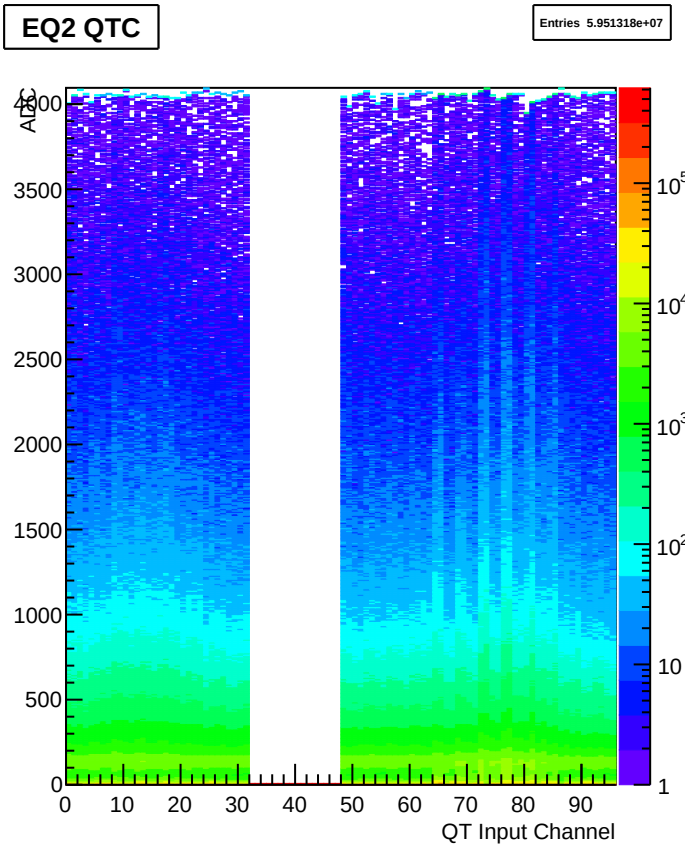

EQ1 QTB
Entries 5.926006e+07
TDC
QT Input Channel

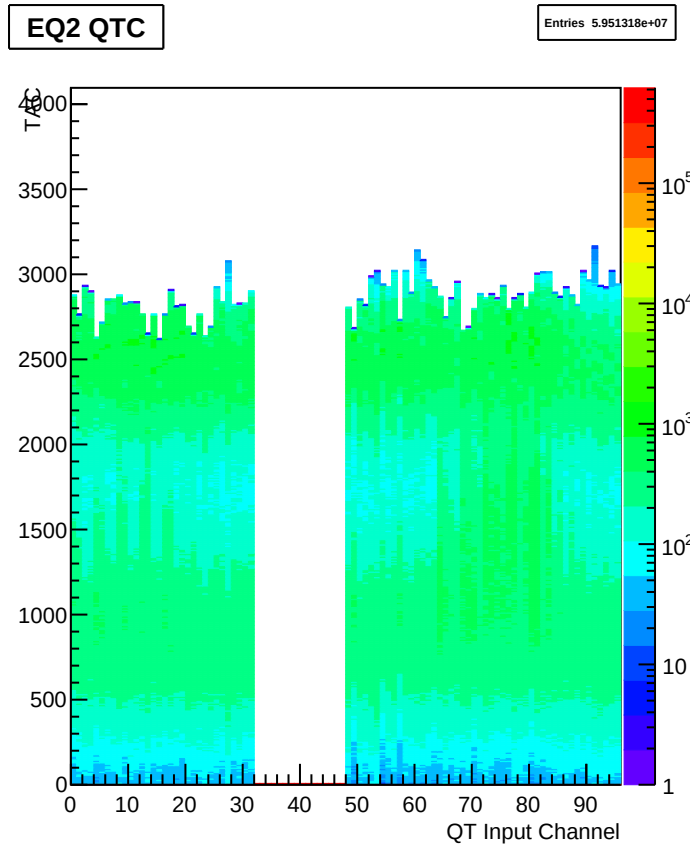

EQ1 QTC
Entries 5.951318e+07
ADC
QT Input Channel

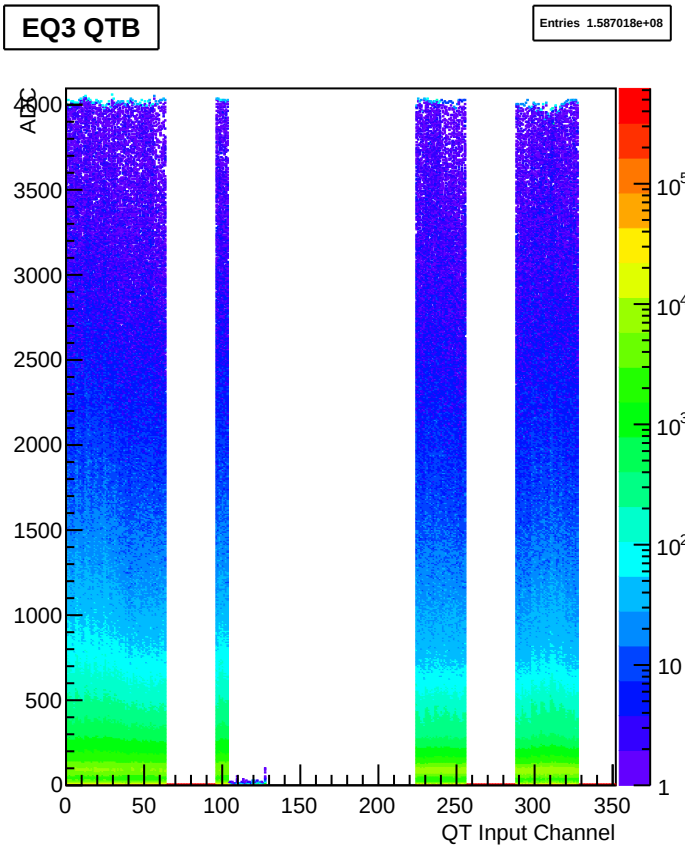

EQ1 QTC
Entries 5.951318e+07
TADC
QT Input Channel

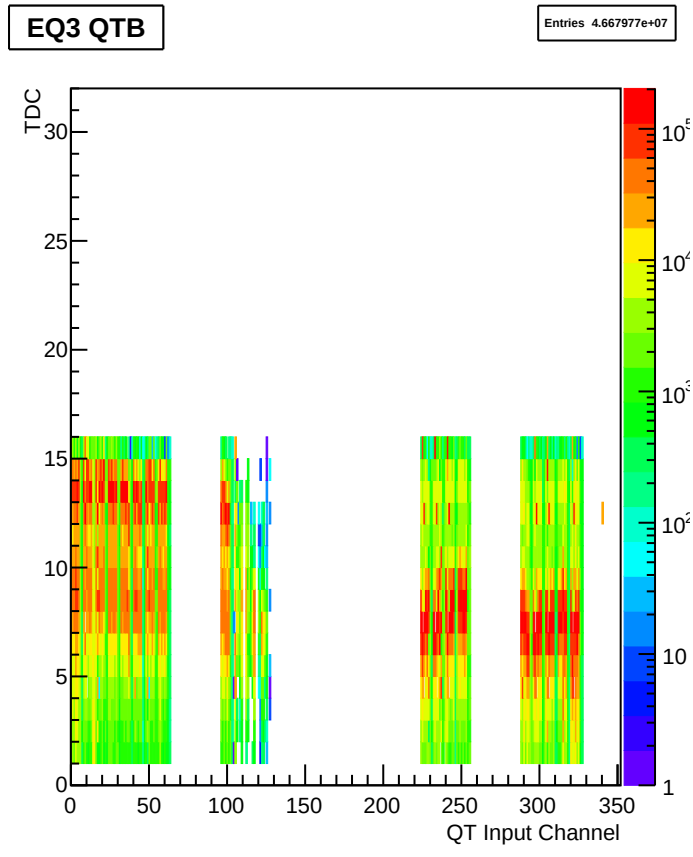

EQ2 QTB
Entries 1.785396e+08
ADC
QT Input Channel

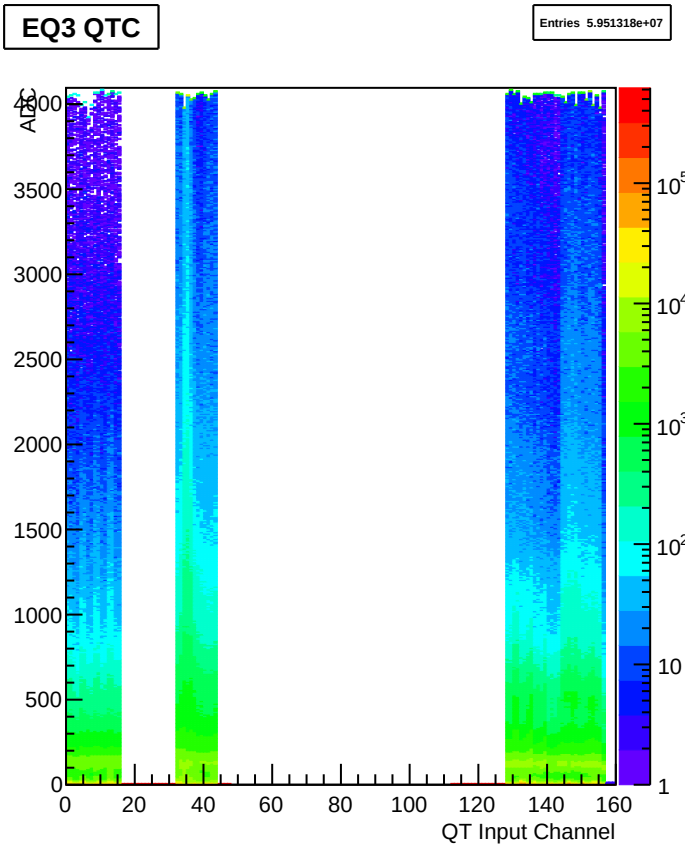

EQ2 QTB
Entries 5.610721e+07
TDC
QT Input Channel

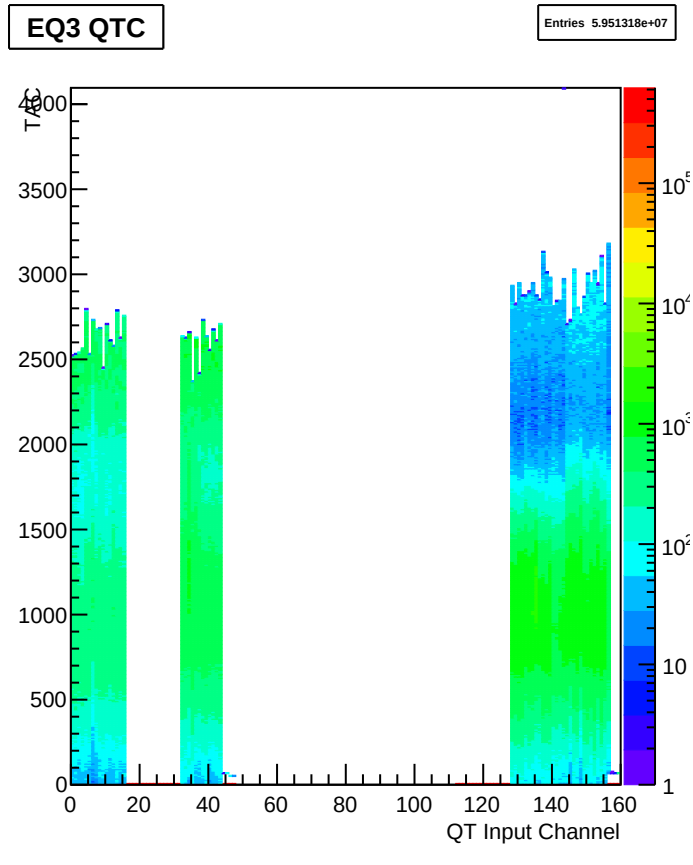

EQ2 QTC
Entries 5.951318e+07
ADC
QT Input Channel

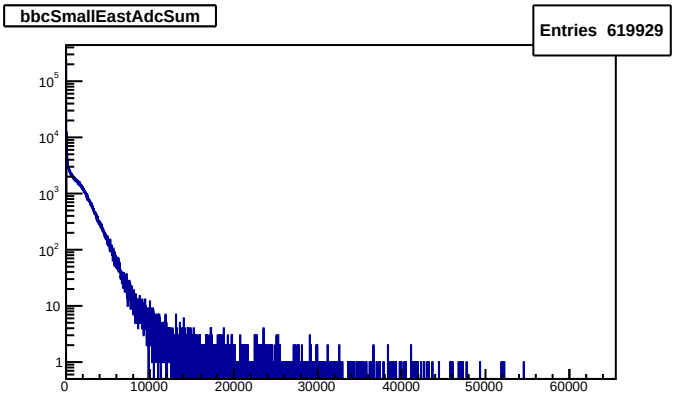

EQ2 QTC
Entries 5.951318e+07
TADC
QT Input Channel

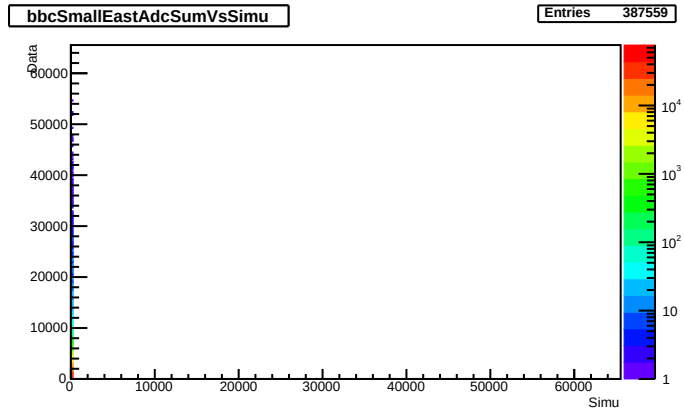

EQ3 QTB
Entries 1.587018e+08
ADC
QT Input Channel

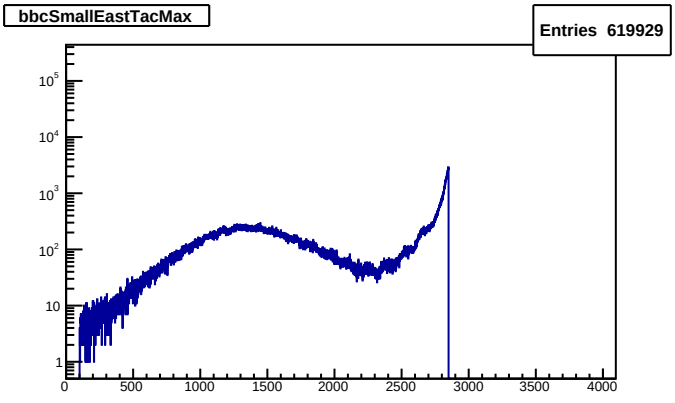

EQ3 QTB
Entries 4.667977e+07
TDC
QT Input Channel

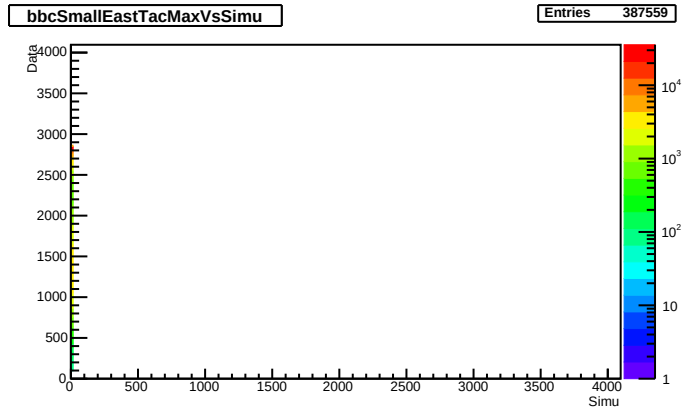

EQ3 QTC
Entries 5.951318e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.951318e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 619929


bbcSmallEastAdcSumVsSimu
Entries 387559
Data
Simu


bbcSmallEastTacMax
Entries 619929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Entries 387559
Data
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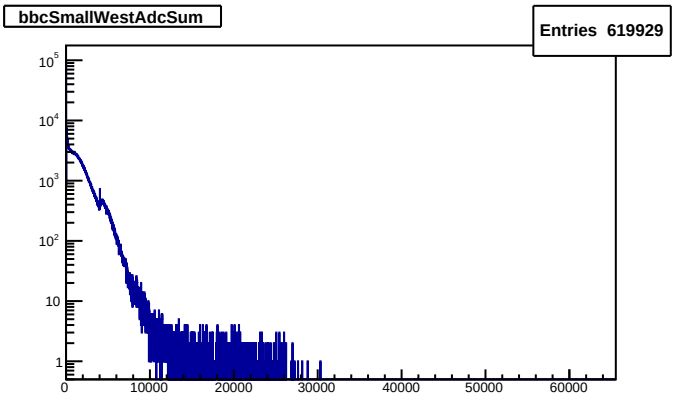
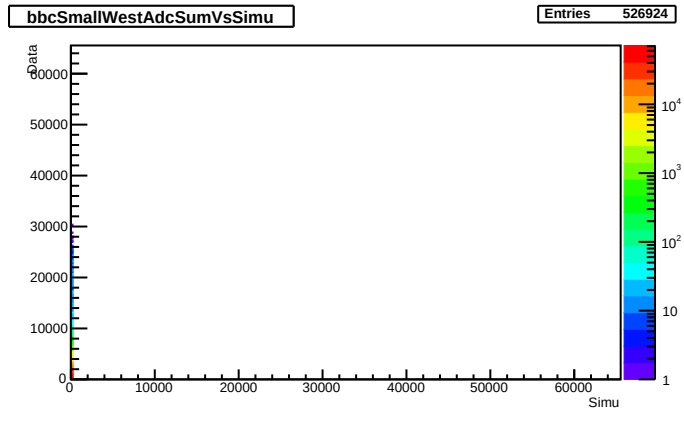

bbcSmallWestAdcSum
Entries 619929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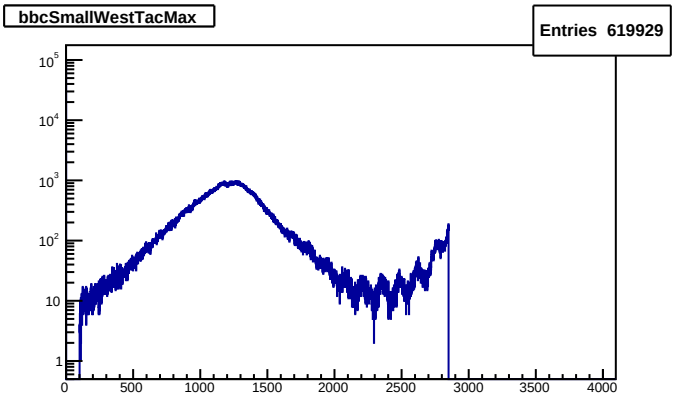
Entries 526924
Data
Simu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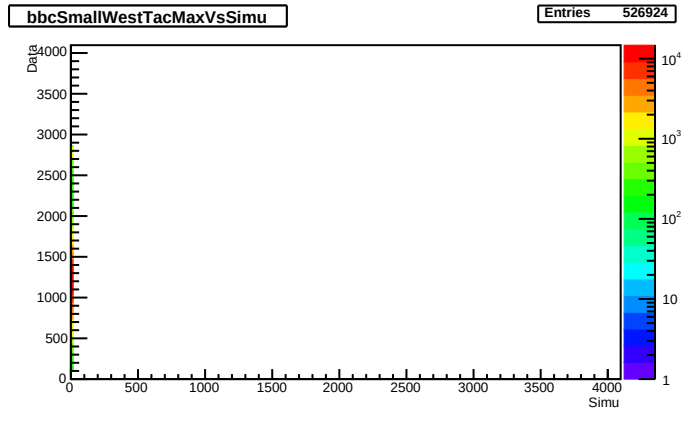
Entries 619929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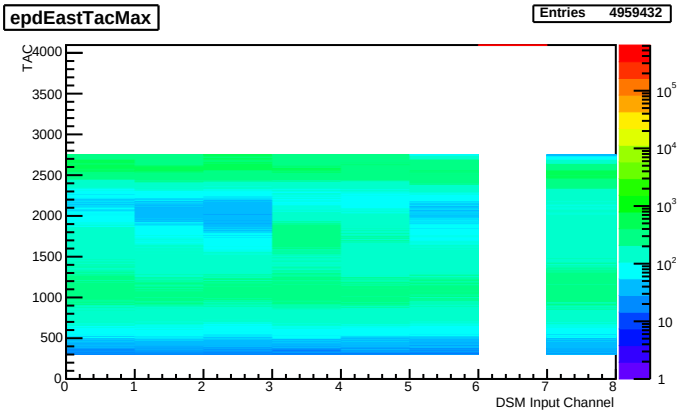
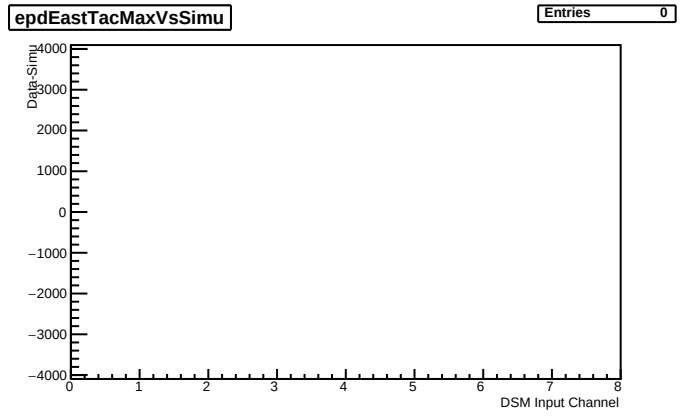
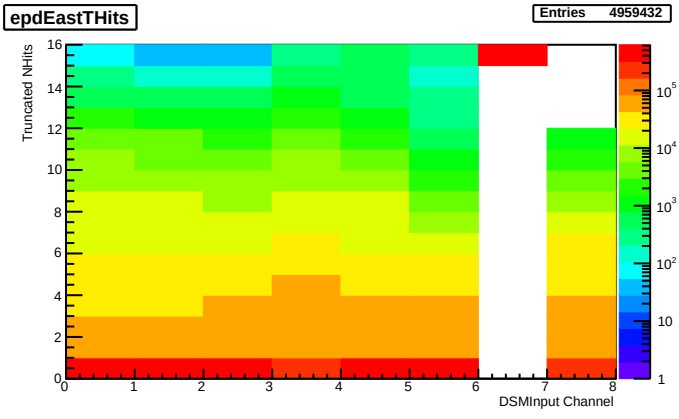
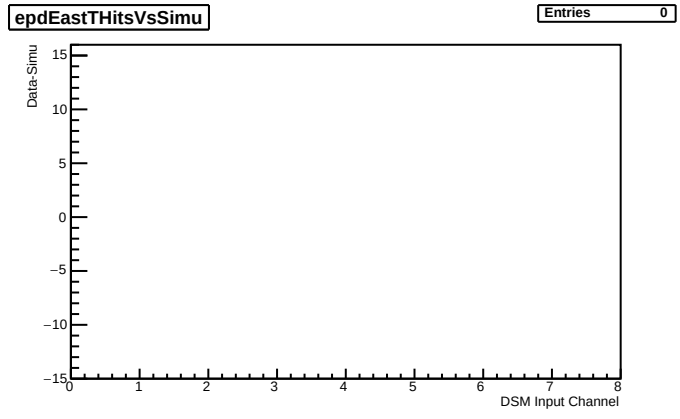
Entries 526924
Data
Simu


epdEastTacMax
Entries 4959432
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4959432
Truncated NHits
DSMInput Channel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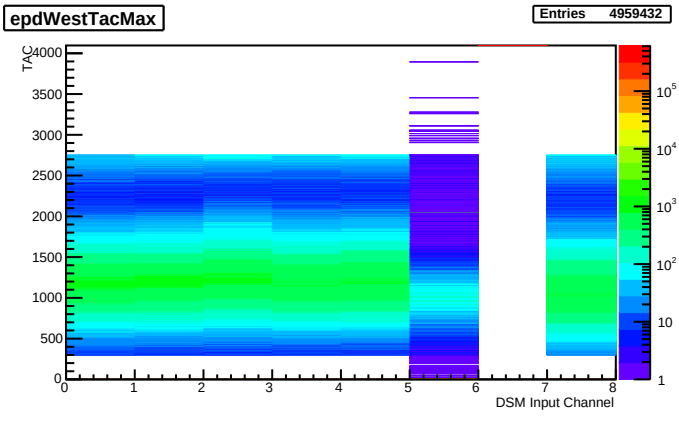
DSM Input Channel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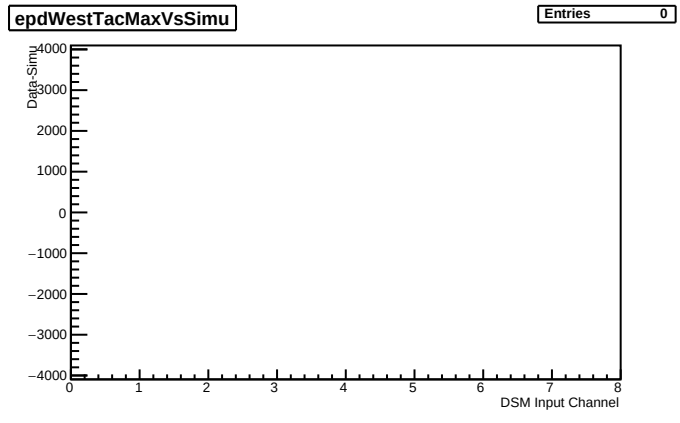
DSM Input Channel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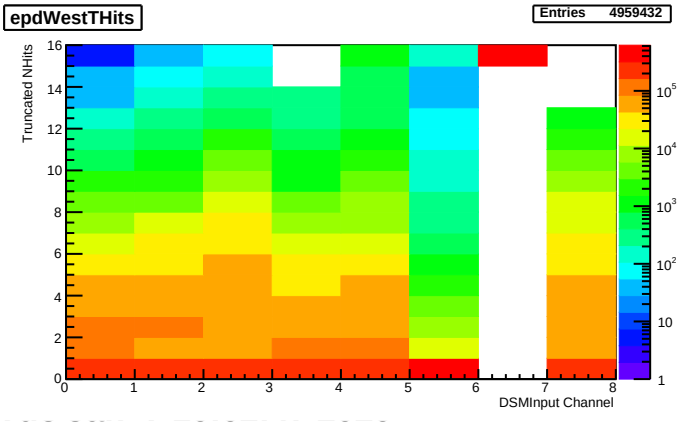
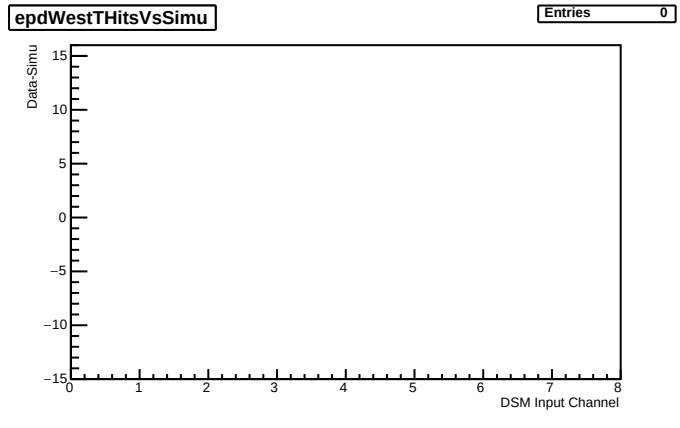
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4959432
Truncated NHits
DSMInput Channel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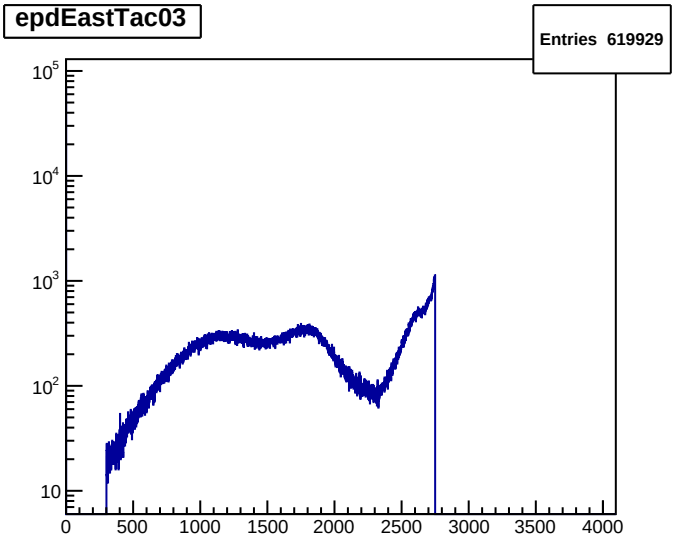
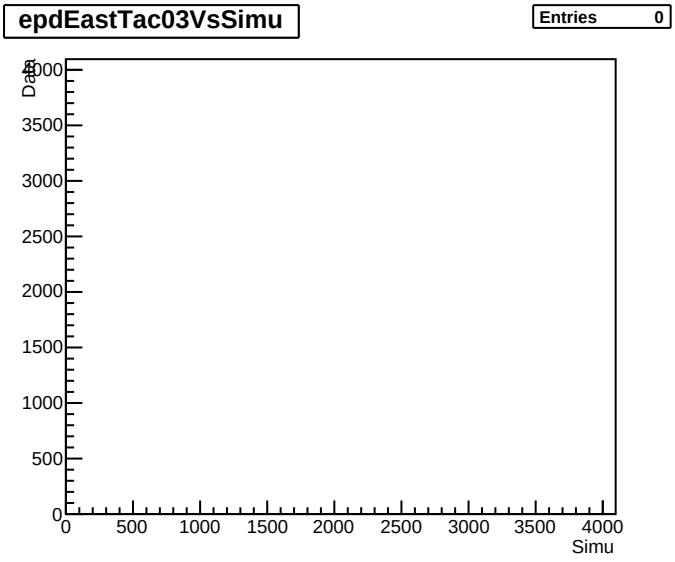
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 619929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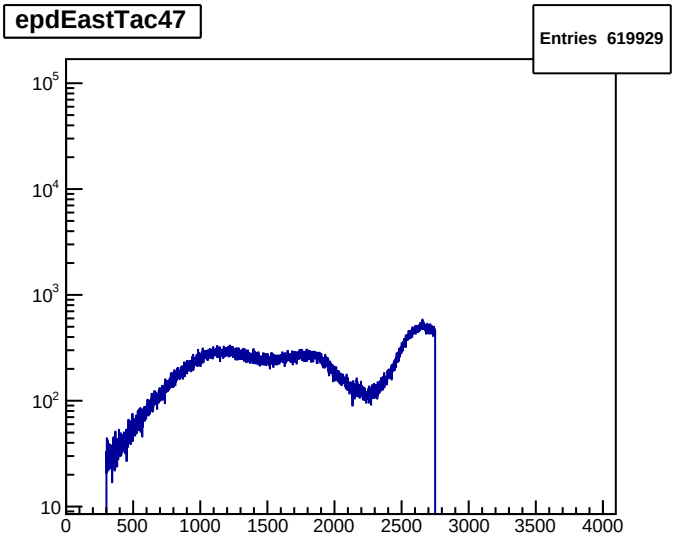
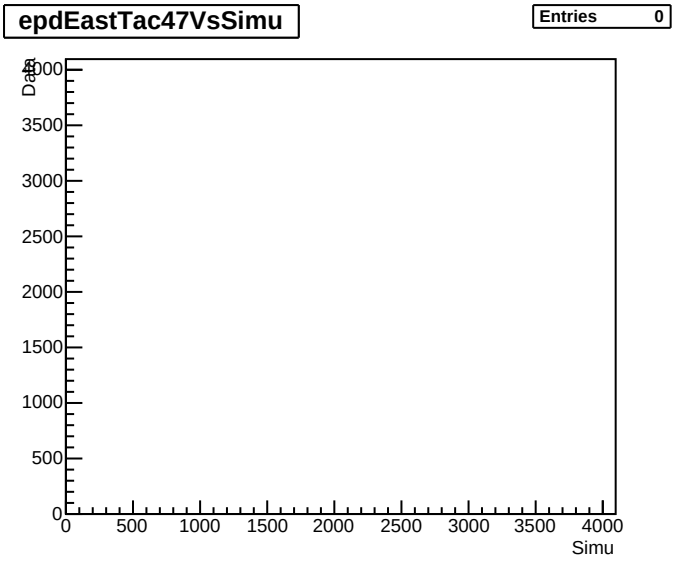
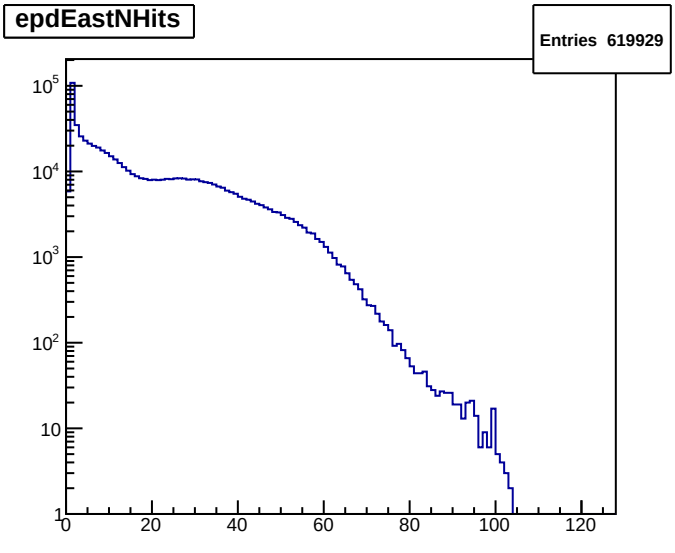
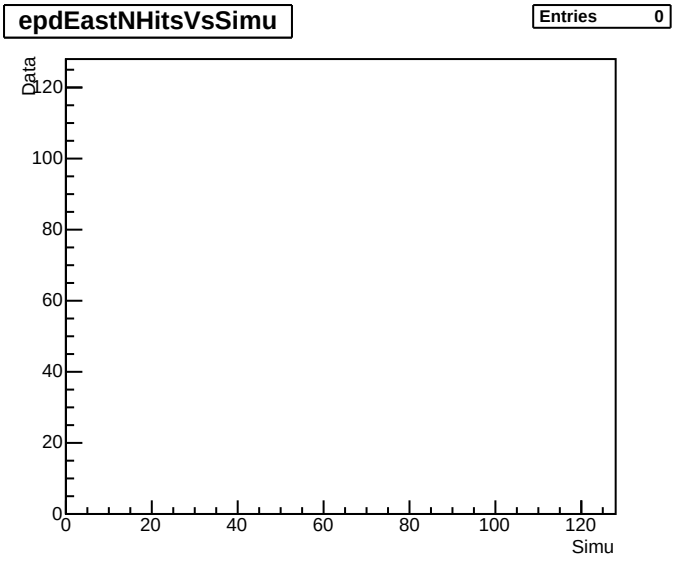
Entries 0
Data
Simu


epdEastTac47
Entries 619929


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 619929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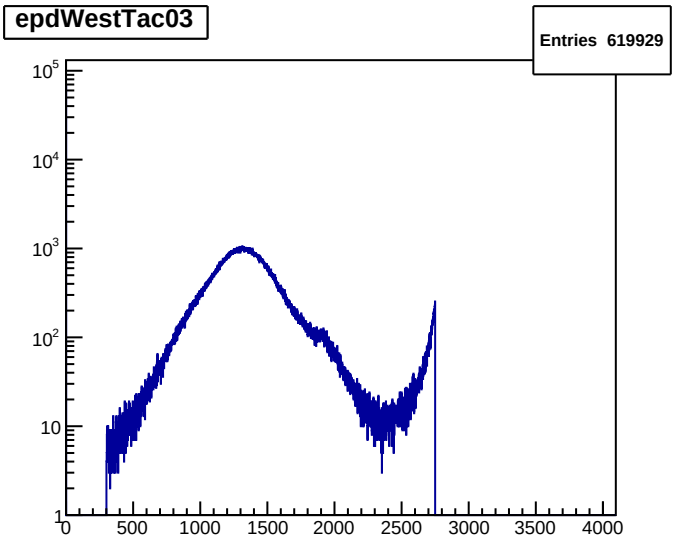
Entries 0
Data
Simu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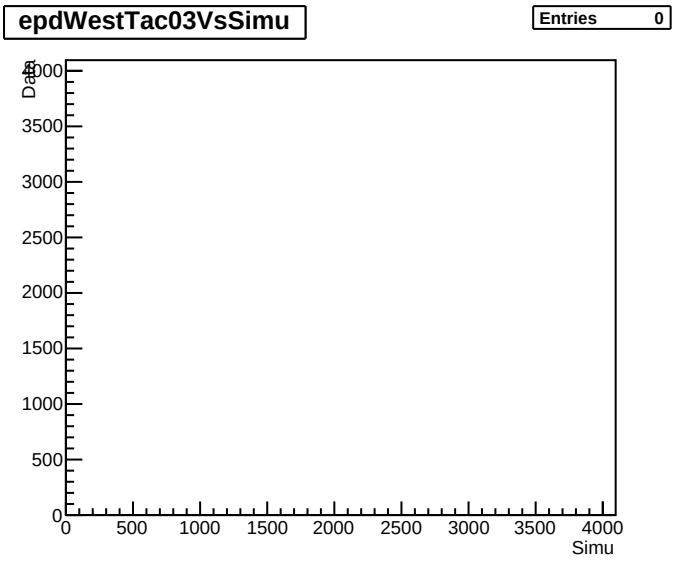
Entries 619929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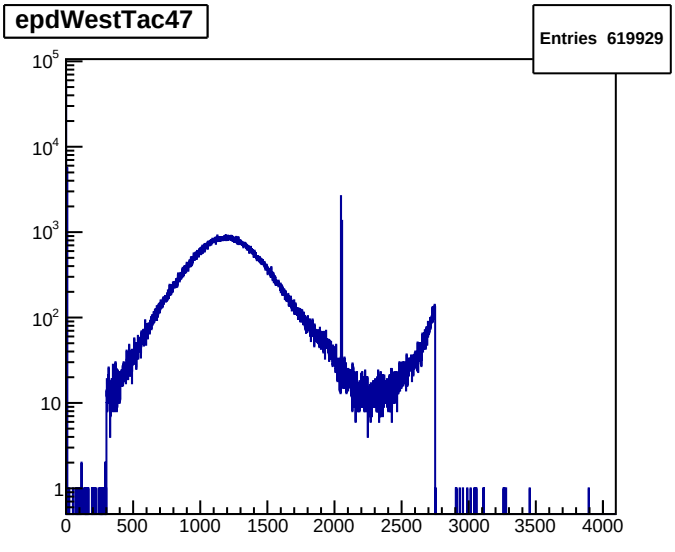
Entries 0
Data
Simu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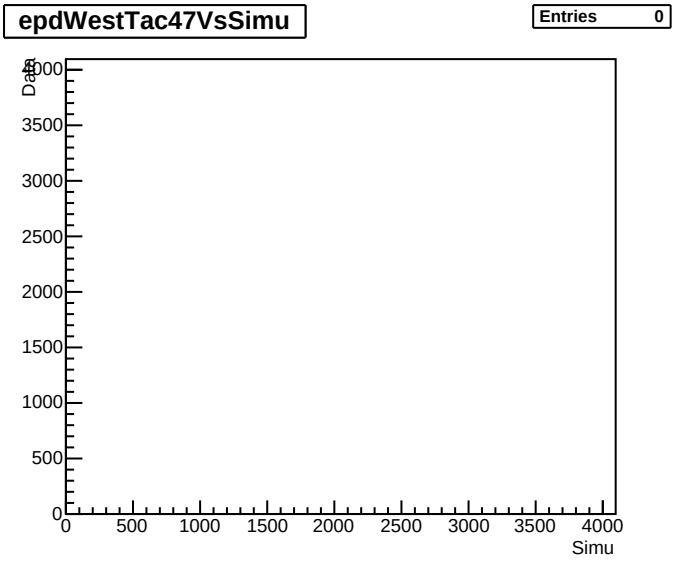
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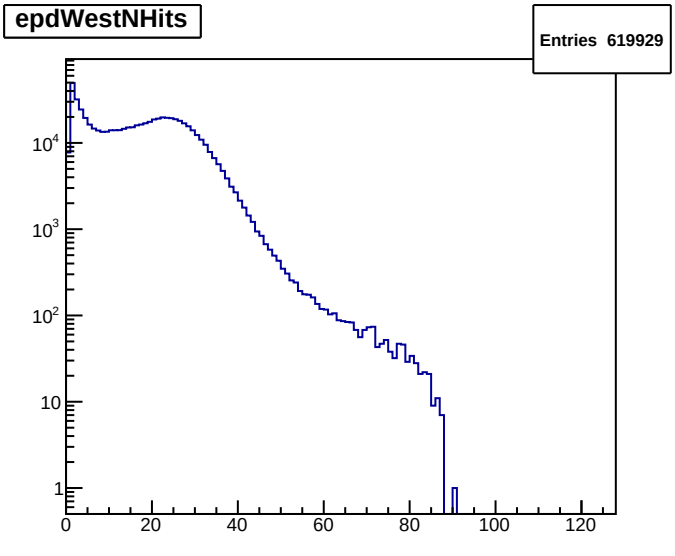
Entries 0
Data
Simu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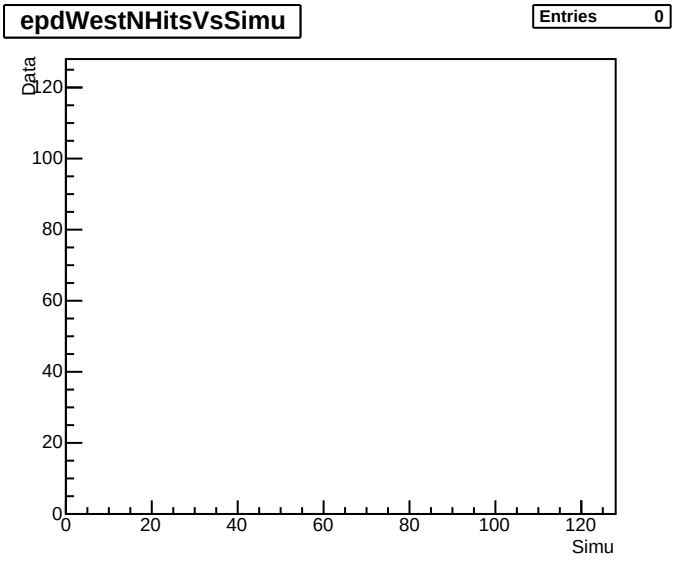
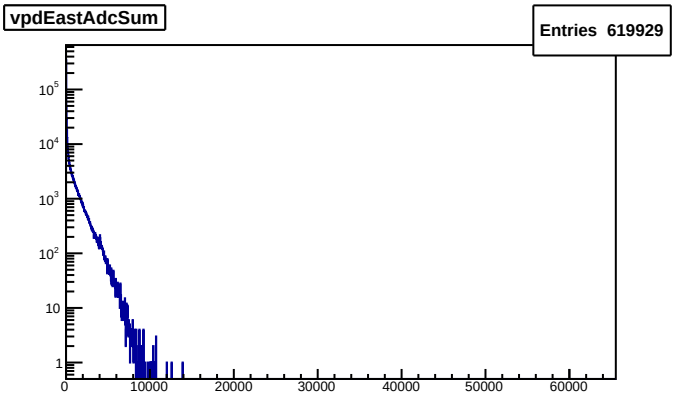
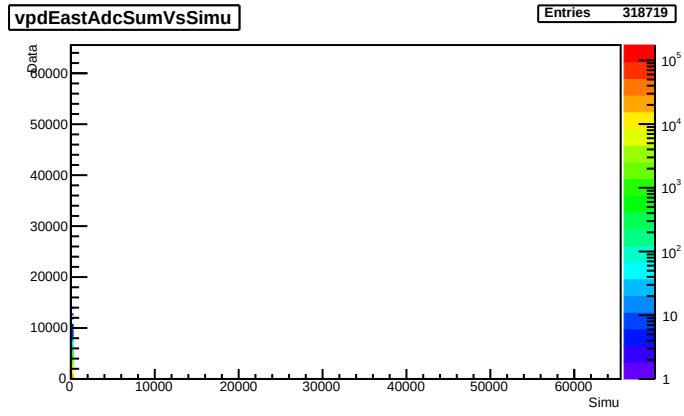
Entries 619929


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 619929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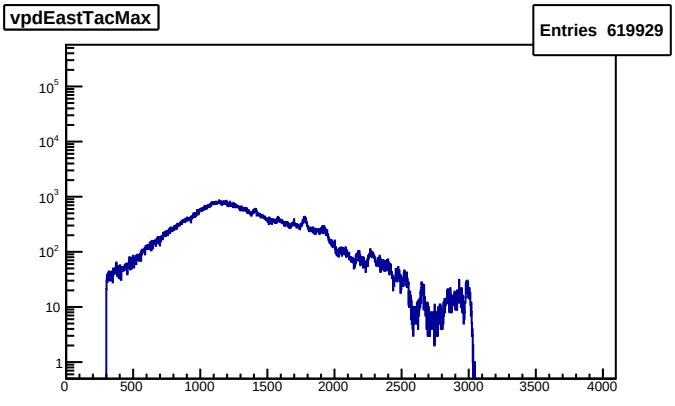
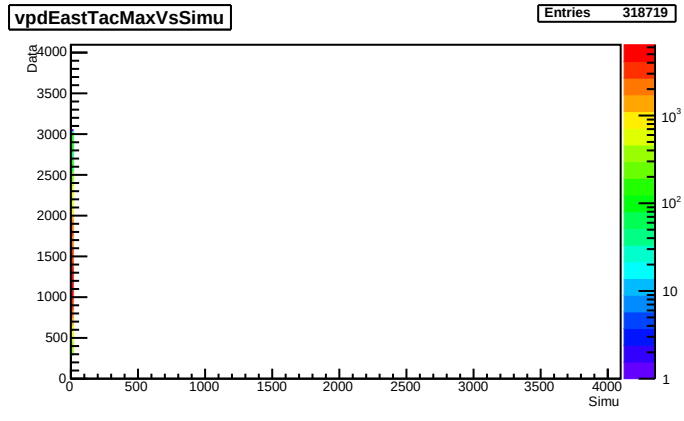
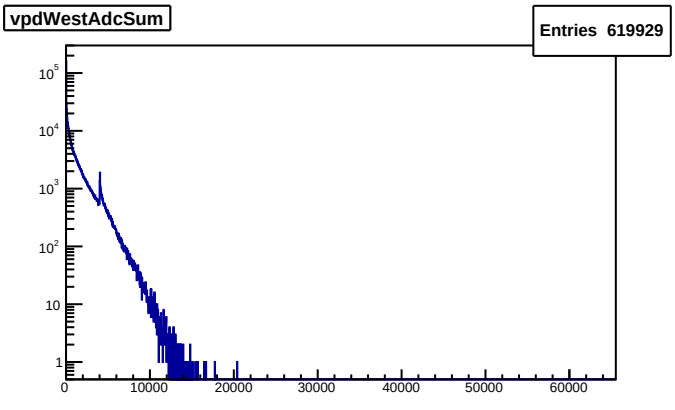
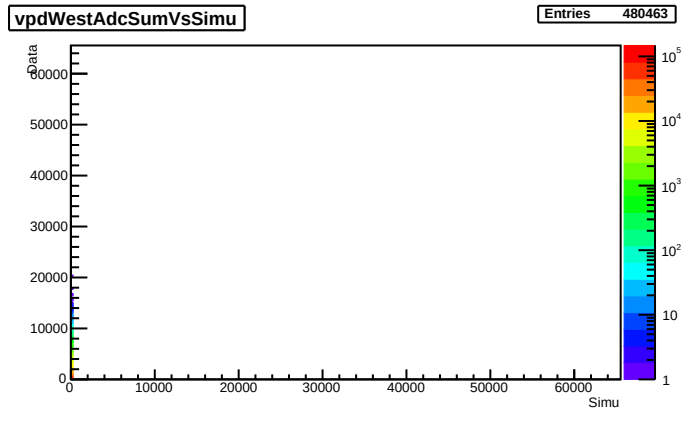
Entries 318719
Data
Simu


vpdEastTacMax
Entries 619929


vpdEastTacMaxVsSimu
Entries 318719
Data
Simu


vpdWestAdcSum
Entries 619929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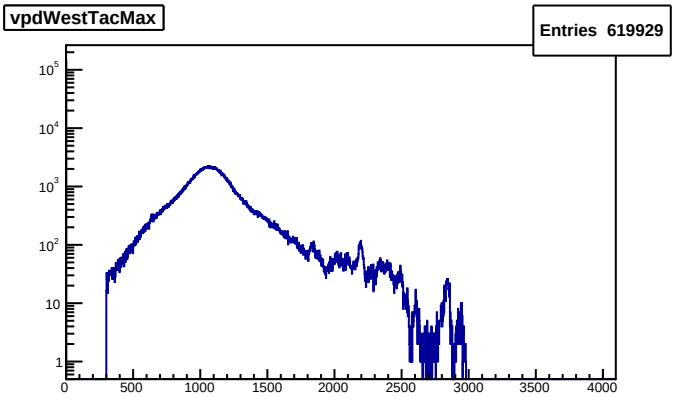
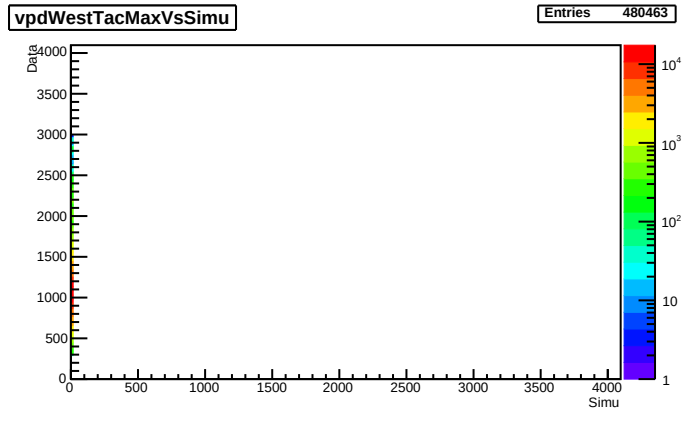
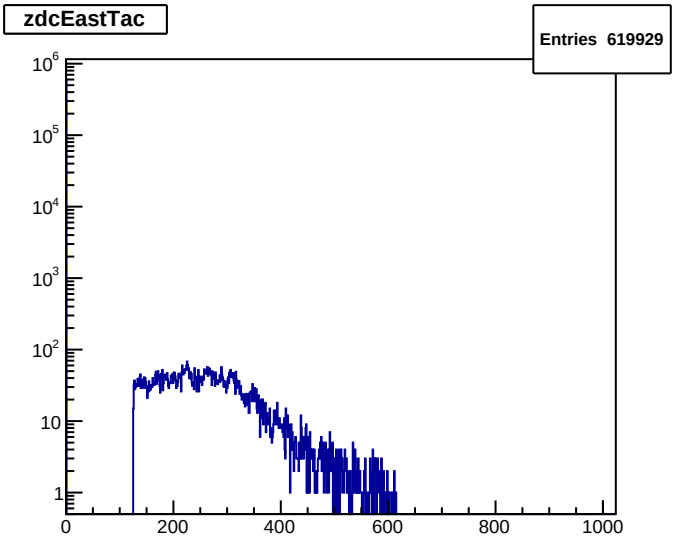
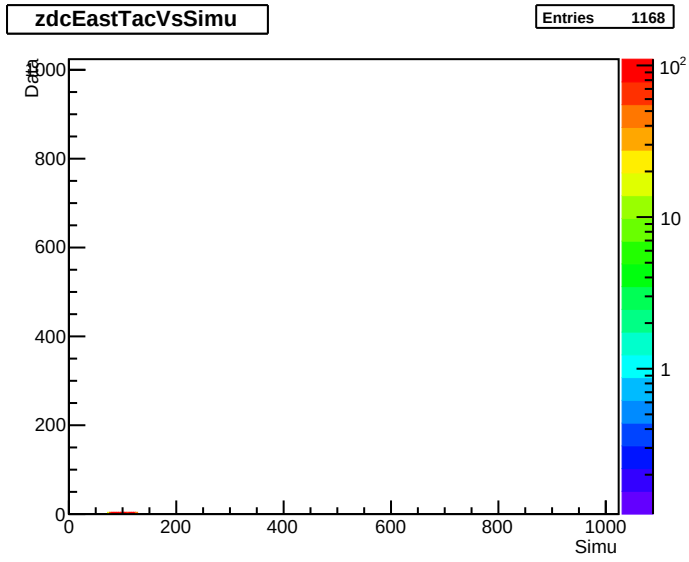
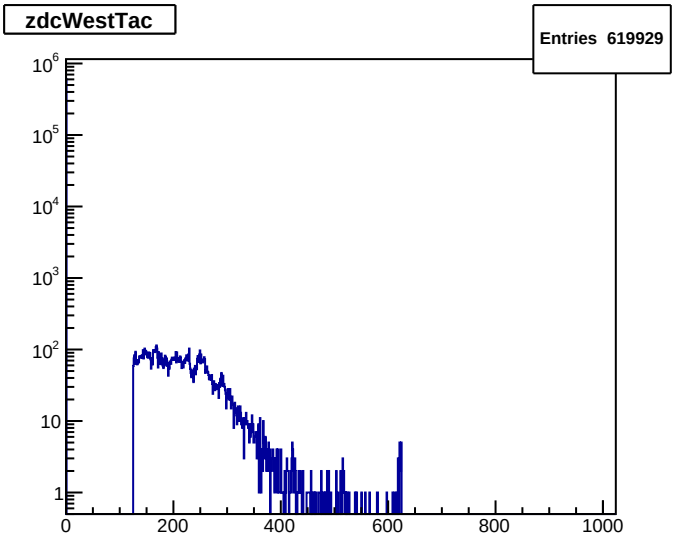
Entries 480463
Data
Simu

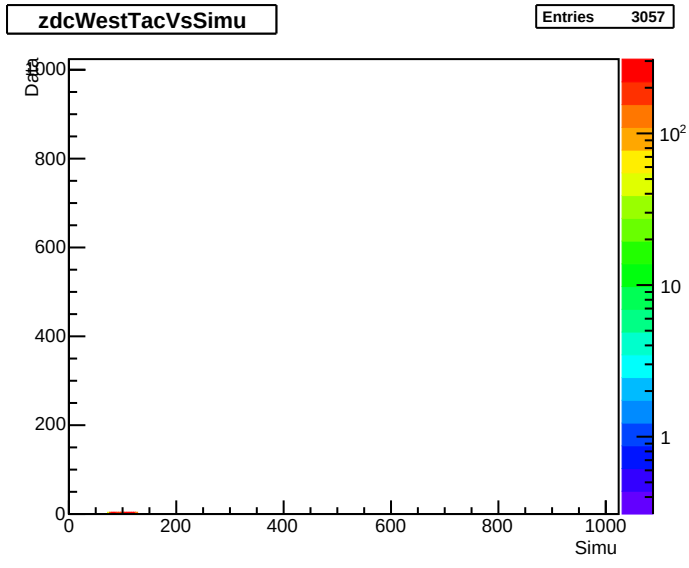

vpdWestTacMax
Entries 619929

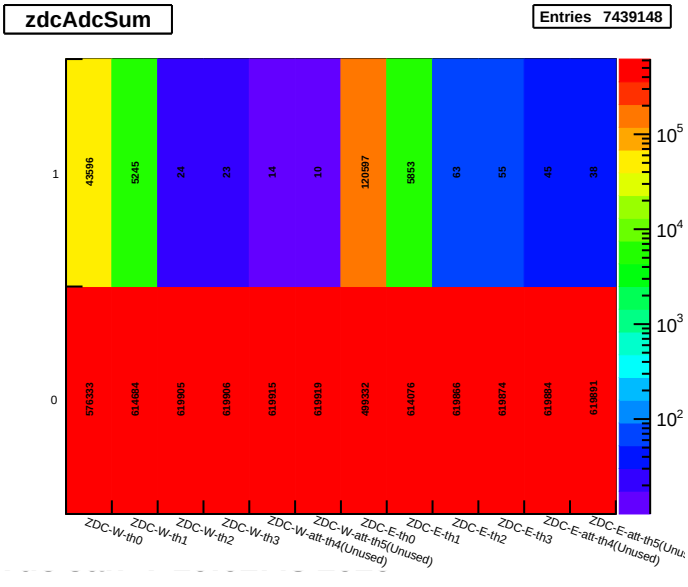

vpdWestTacMaxVsSimu
Entries 480463
Data
Simu

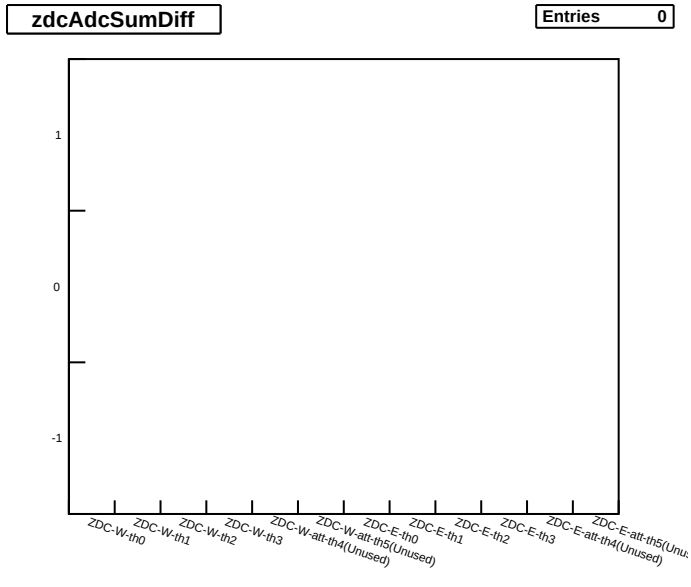

zdcEastTac
Entries 619929

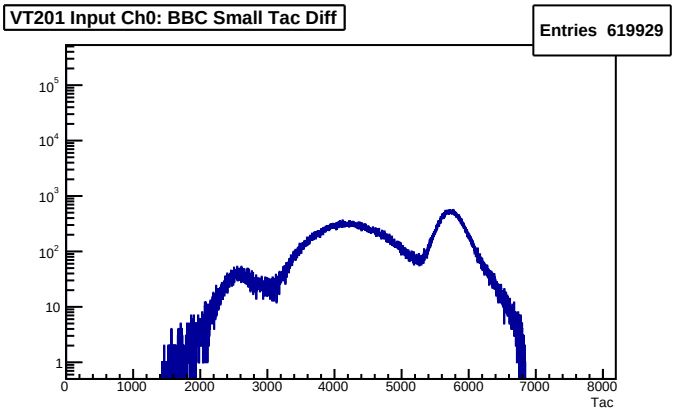

zdcEastTacVsSimu
Entries 1168
Data
Simu

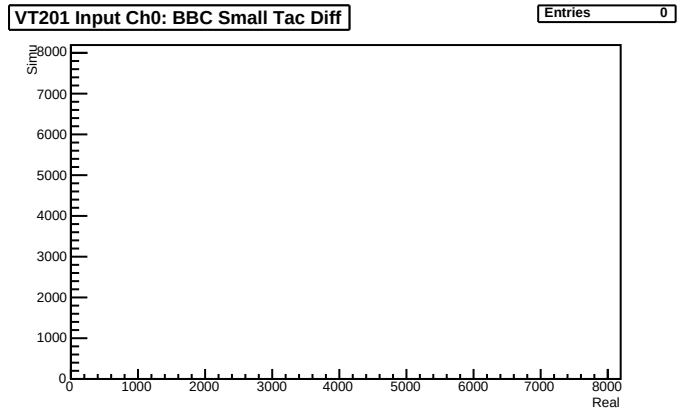

zdcWestTac
Entries 619929

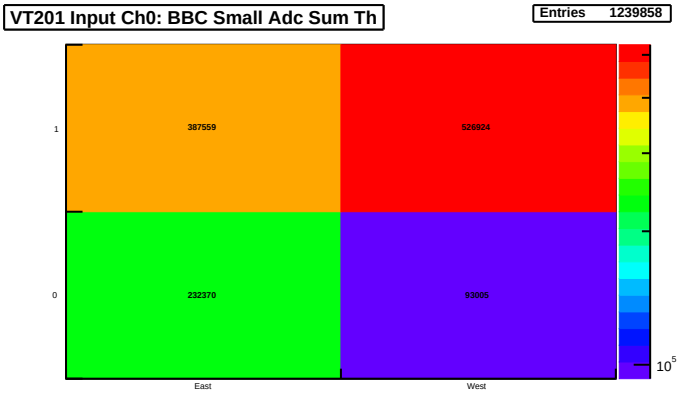

zdcWestTacVsSimu
Entries 3057
Data
Simu

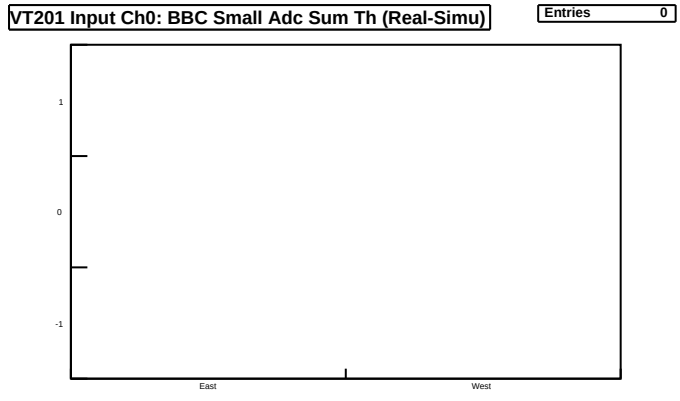

zdcAdcSum
Entries 7439148
43596
5245
24
23
14
10
120997
5853
63
55
45
38
576333
614684
619905
619906
619915
619919
499332
614076
619866
619874
619884
619891
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

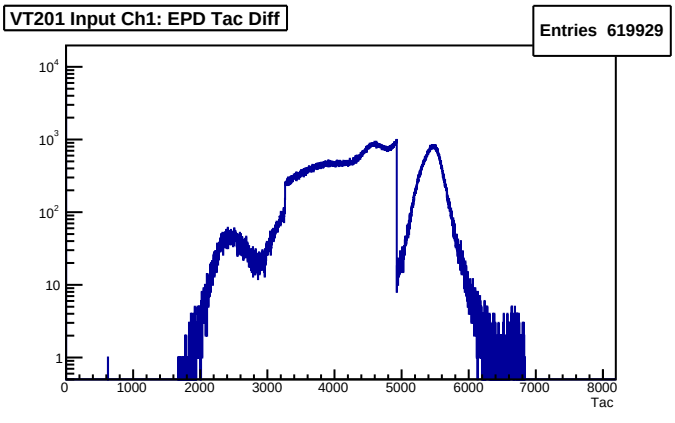

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

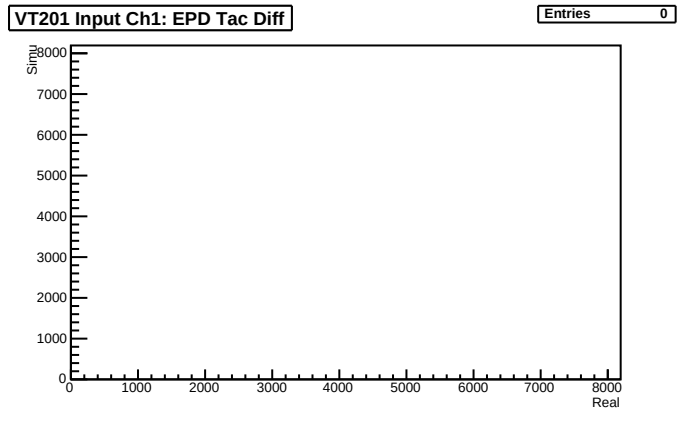

VT201 Input Ch0: BBC Small Tac Diff
Entries 619929
Tac

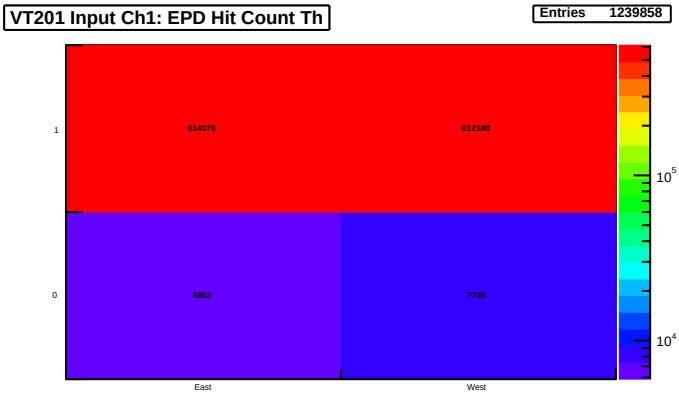

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

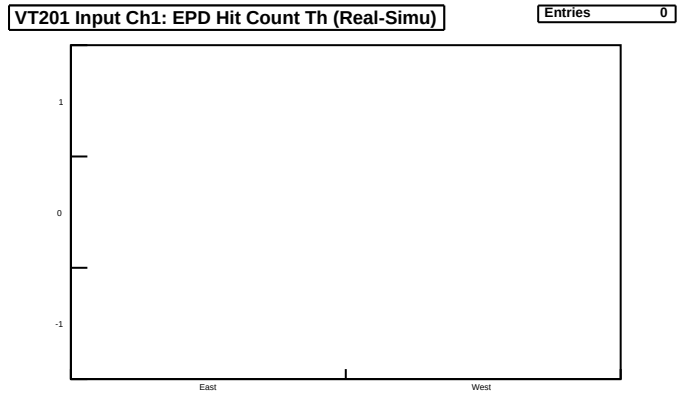

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1239858
387559
526924
232370
93005
East
West

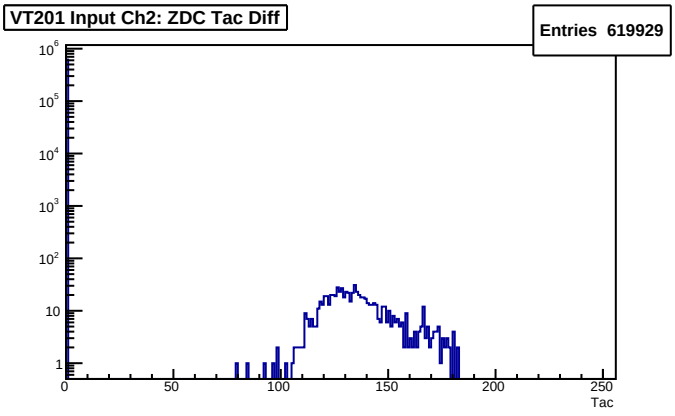

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

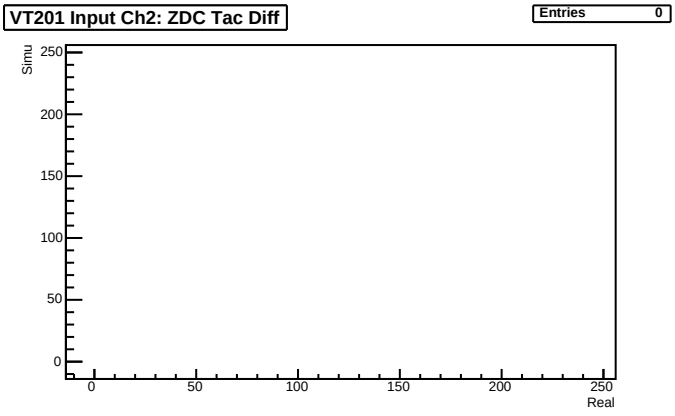

VT201 Input Ch1: EPD Tac Diff
Entries 619929
Tac

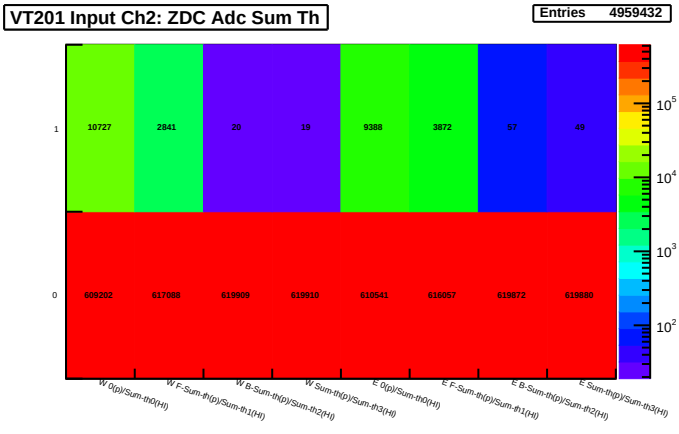

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

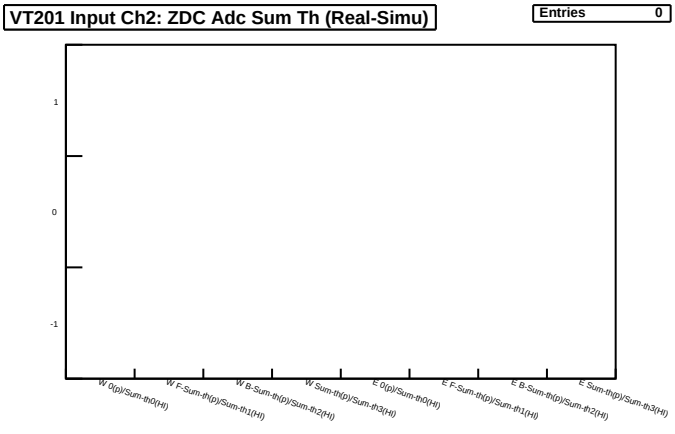

VT201 Input Ch1: EPD Hit Count Th
Entries 1239858
614076
612180
5853
7749
East
West

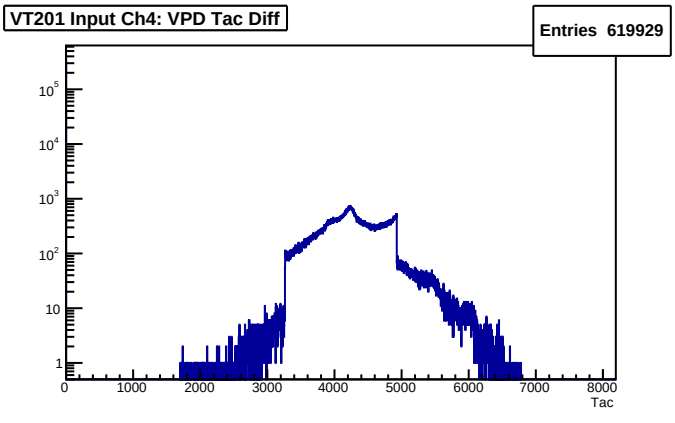

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

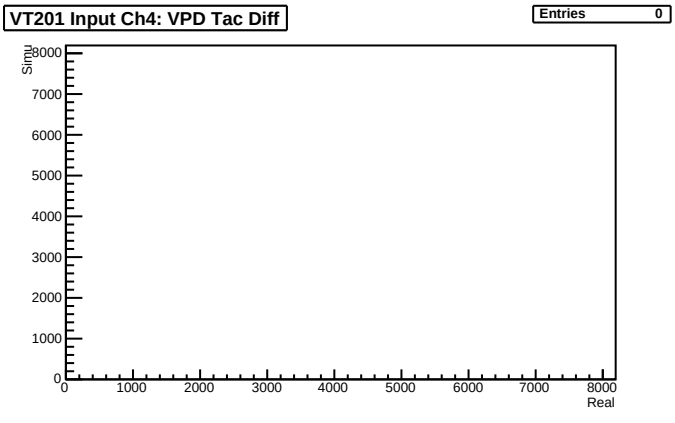

VT201 Input Ch2: ZDC Tac Diff
Entries 619929
Tac

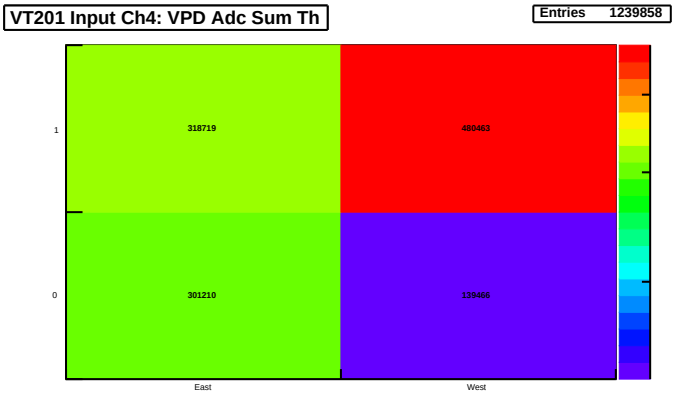

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

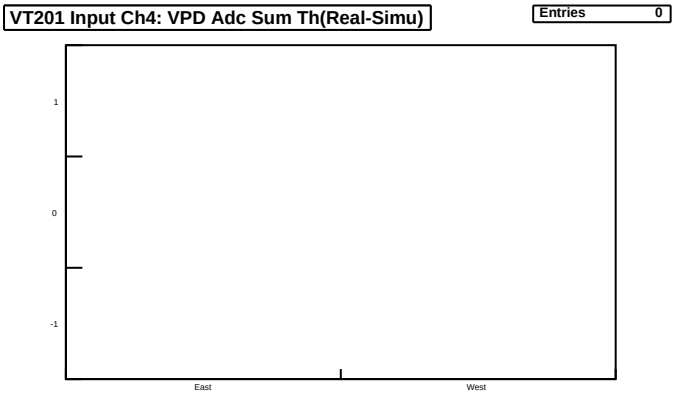

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4959432
10727
2841
20
19
9388
3872
57
49
609202
617088
619909
619910
610541
616057
619872
619880
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

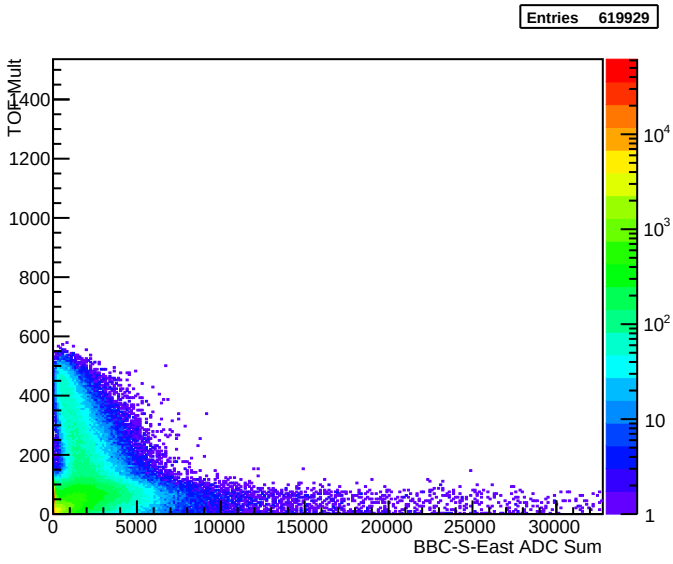

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

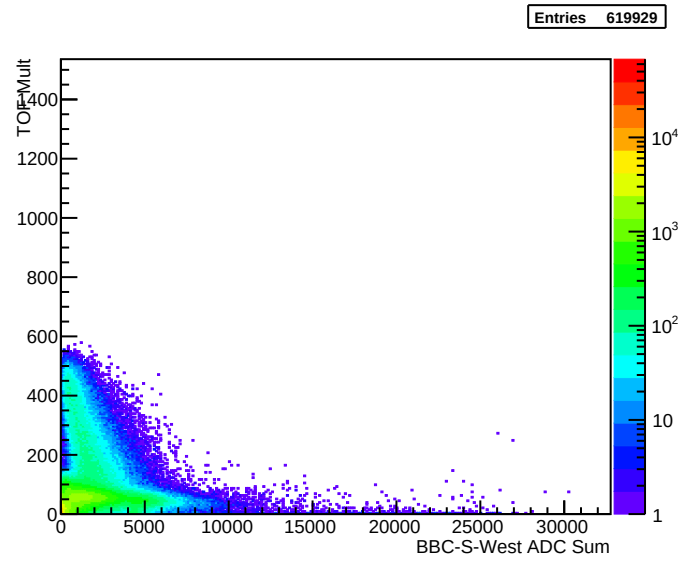

VT201 Input Ch4: VPD Tac Diff
Entries 619929
Tac

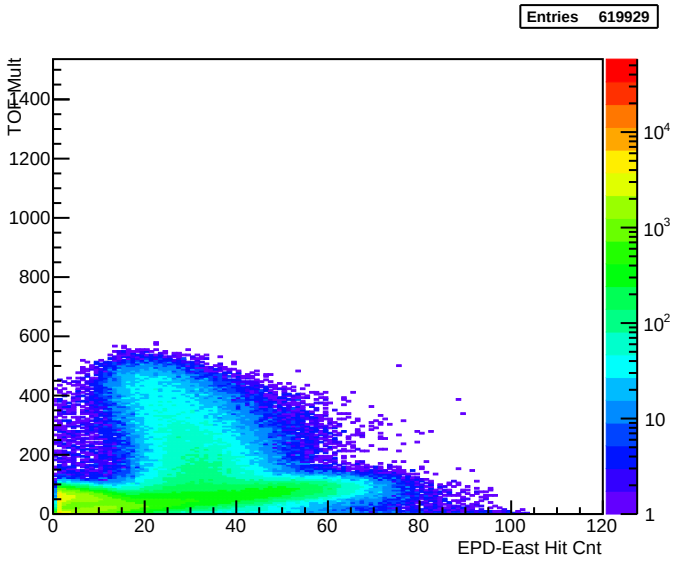

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

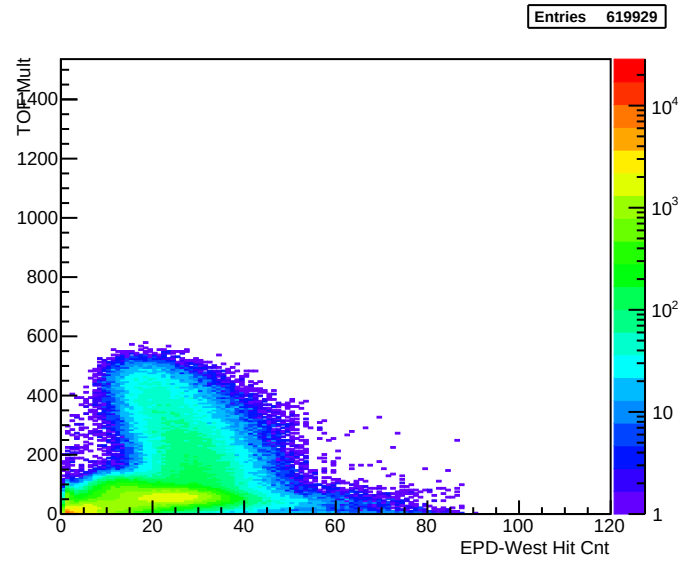

VT201 Input Ch4: VPD Adc Sum Th
Entries 1239858
318719
480463
301210
139466
East
West

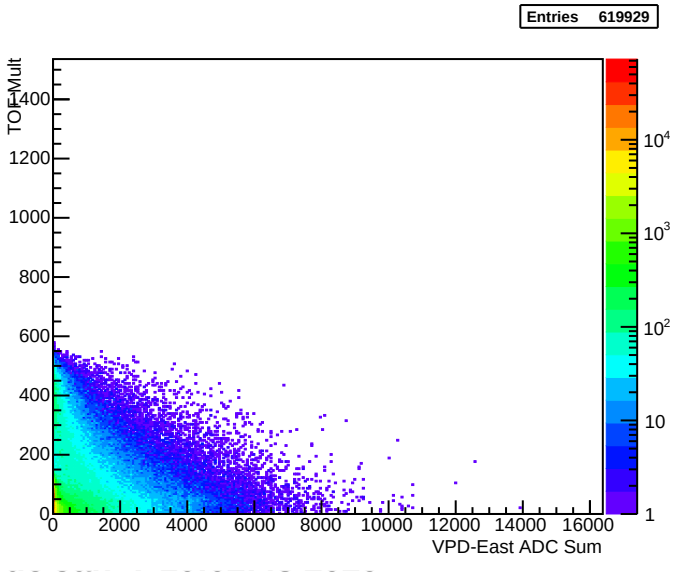

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

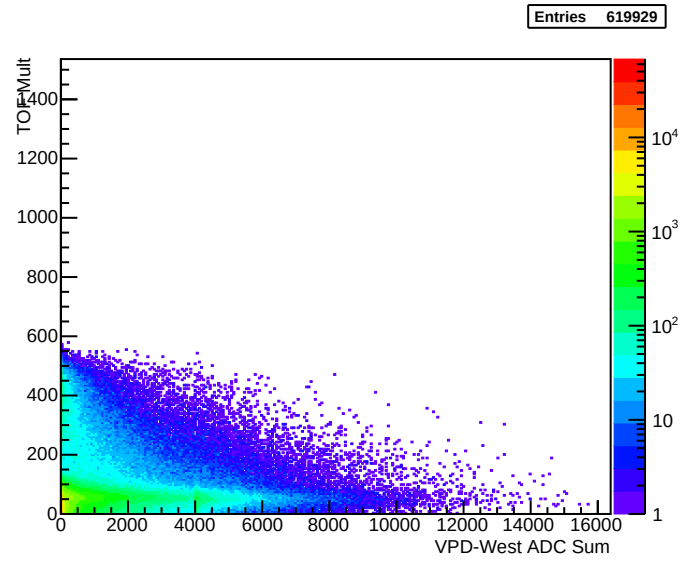

Entries 619929
TOF-Mult
BBC-S-East ADC Sum

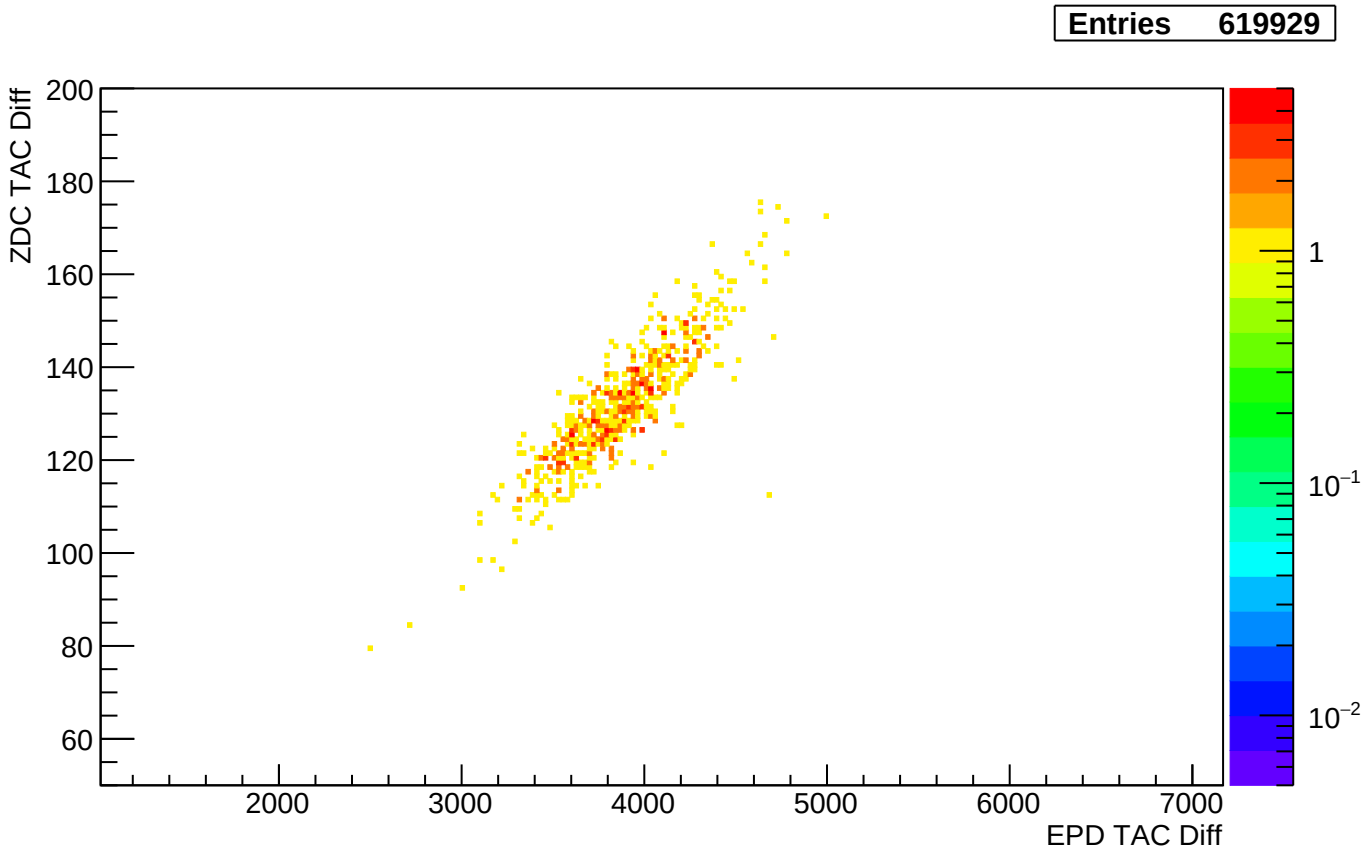

Entries 619929
TOF-Mult
BBC-S-West ADC Sum

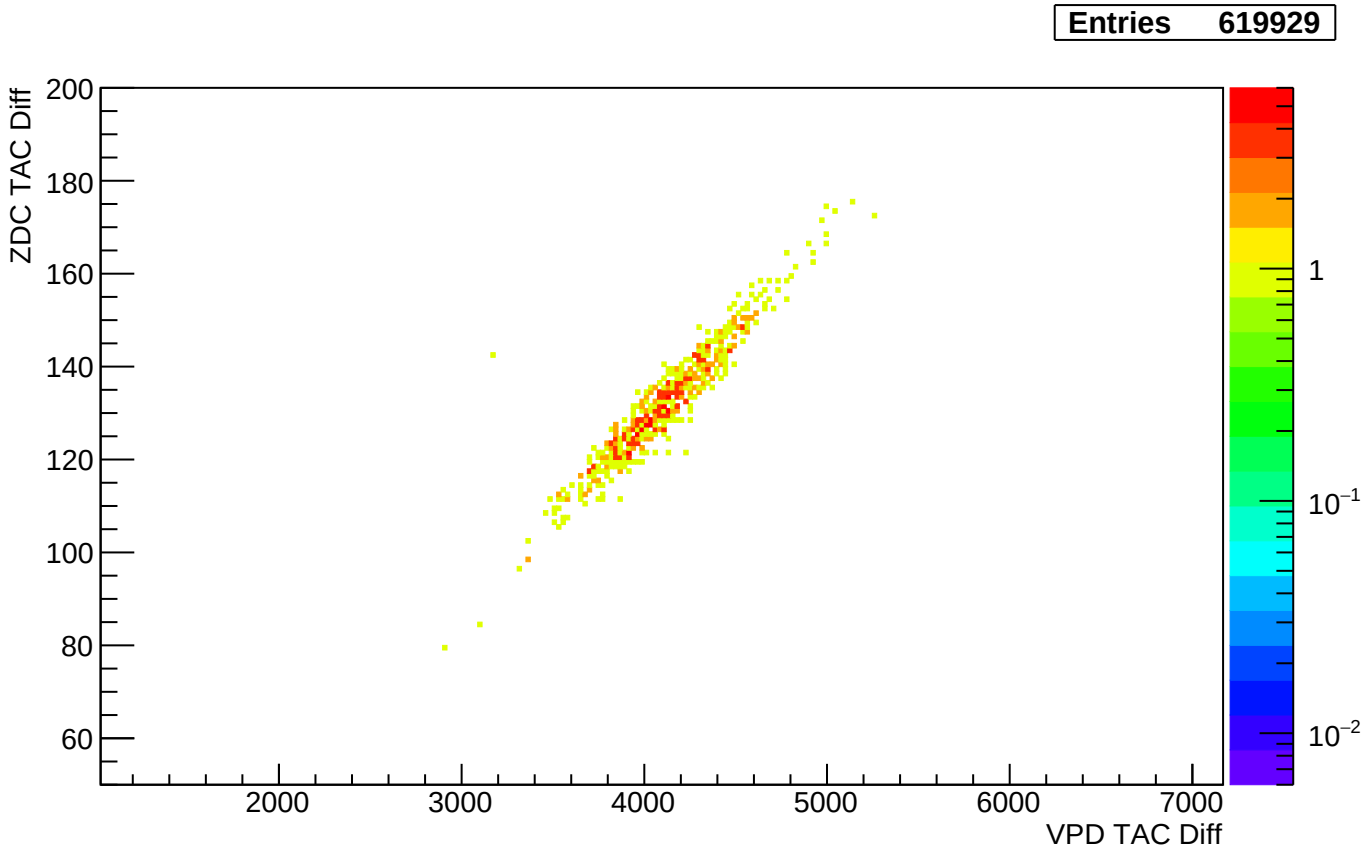

Entries 619929
TOF-Mult
EPD-East Hit Cnt

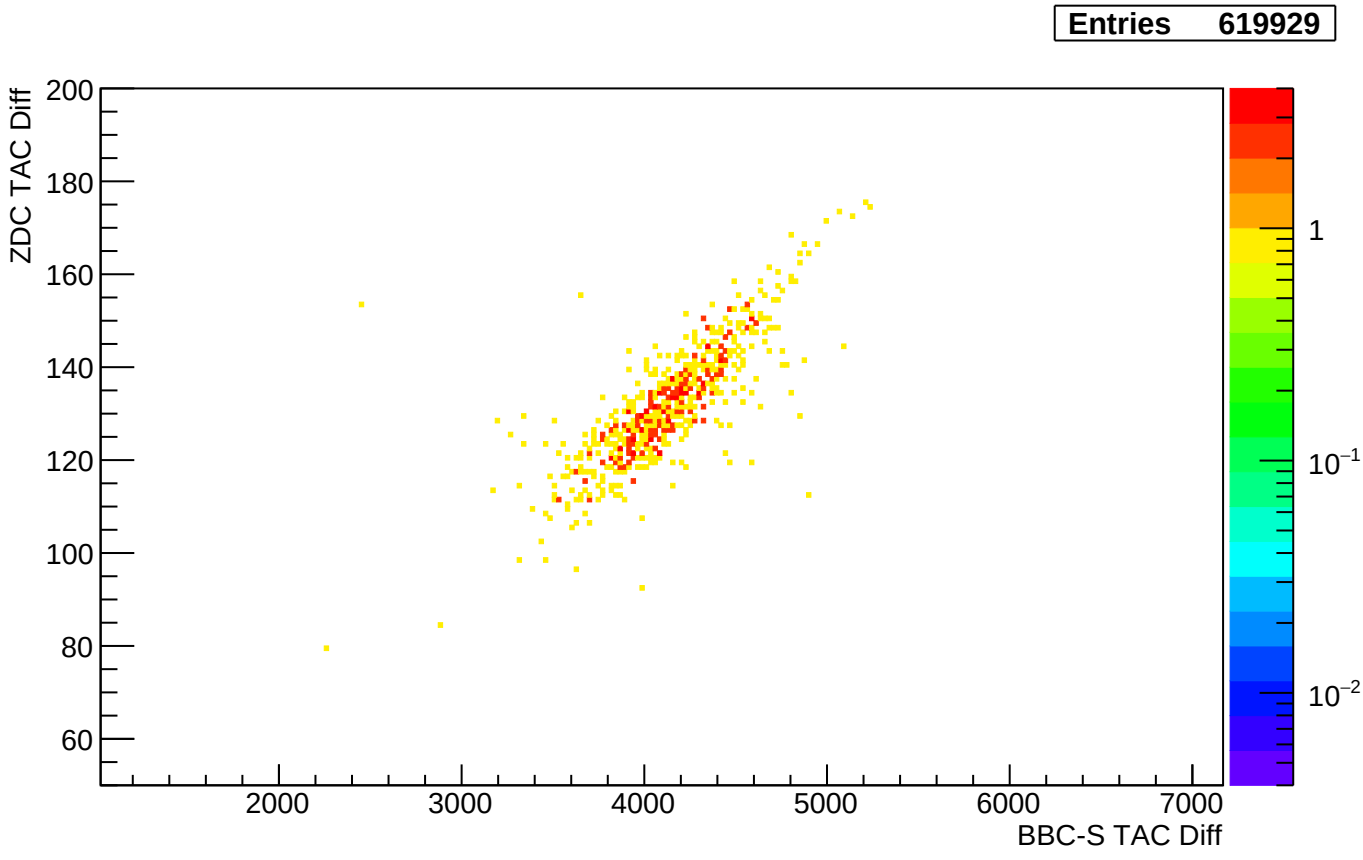

Entries 619929
TOF-Mult
EPD-West Hit Cnt

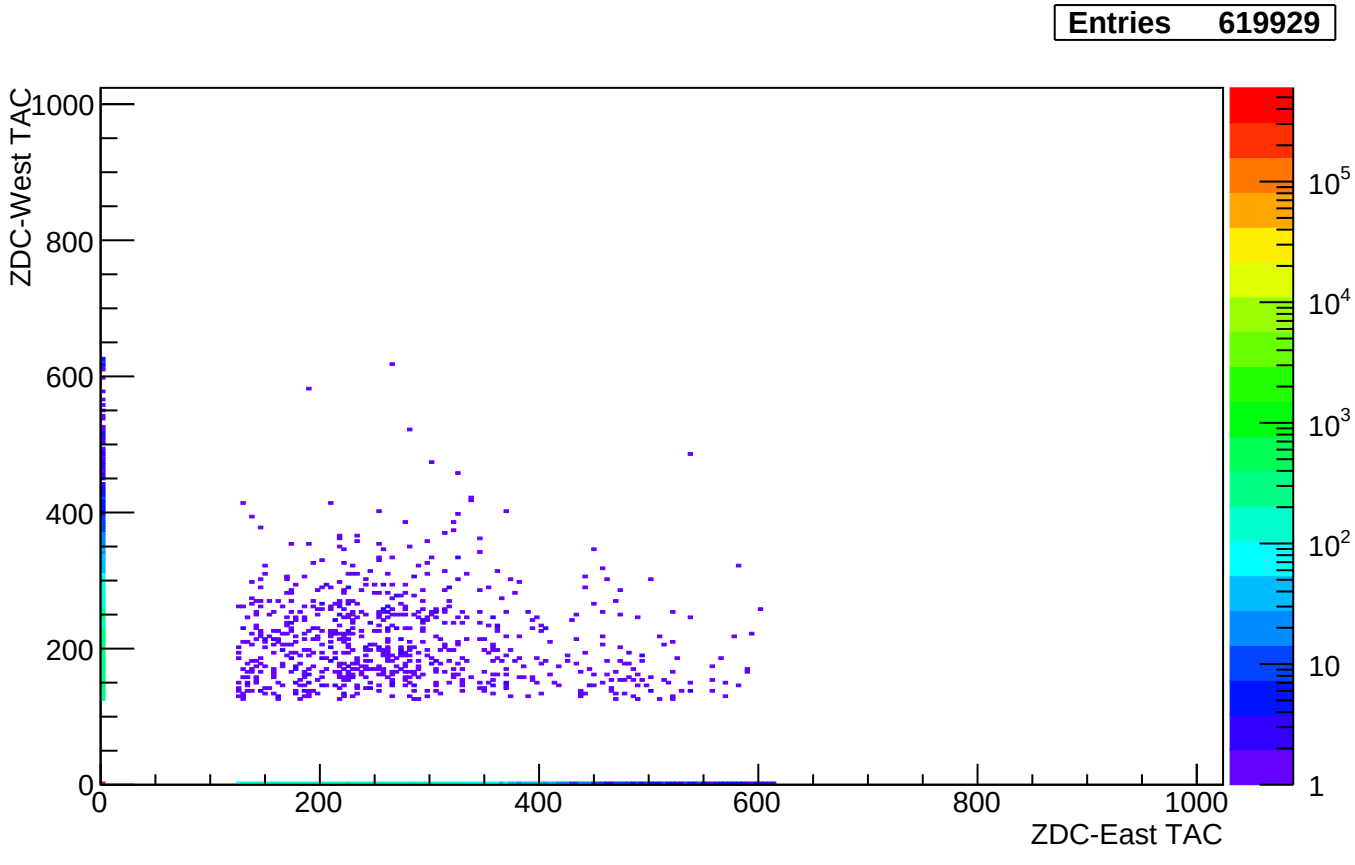

Entries 619929
TOF-Mult
VPD-East ADC Sum

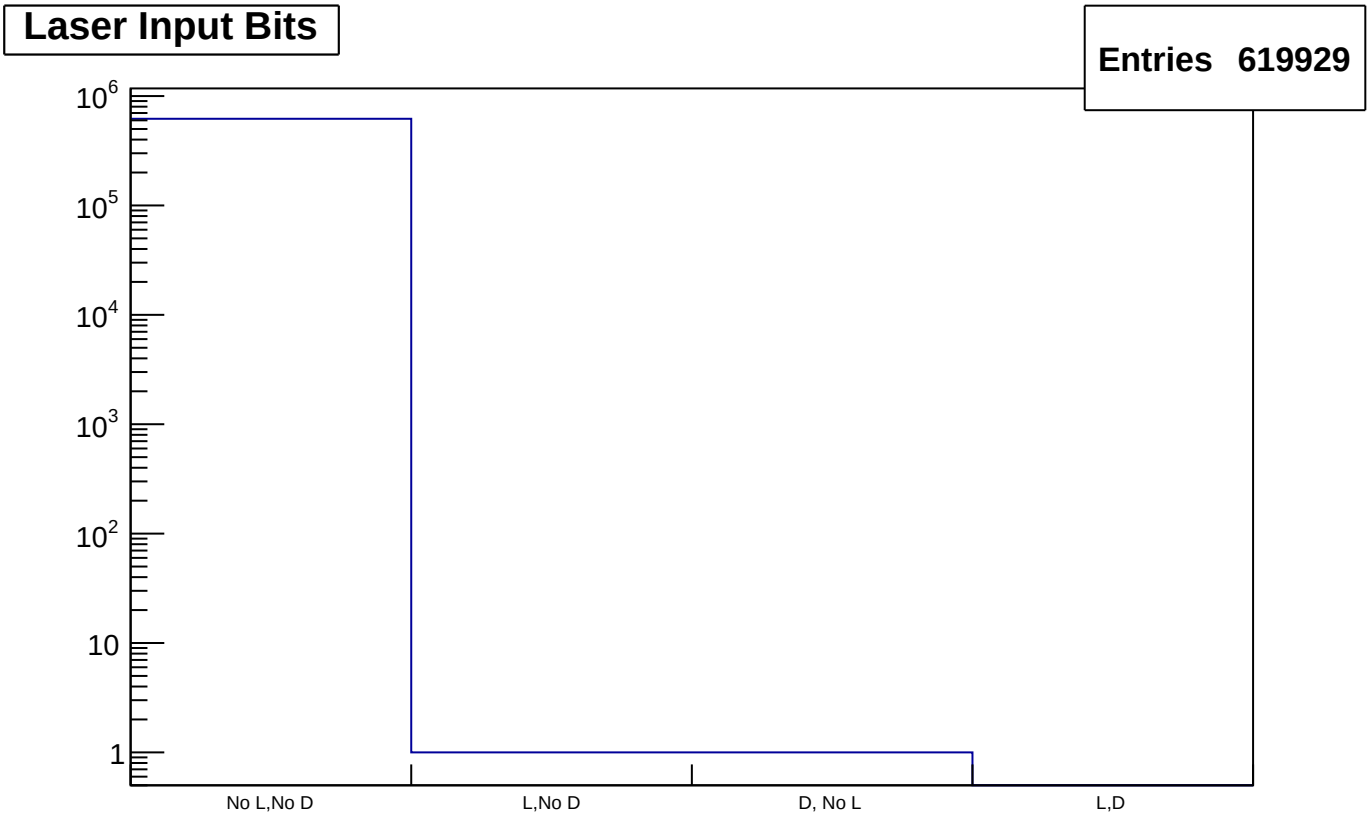

Entries 619929
TOF-Mult
VPD-West ADC Sum

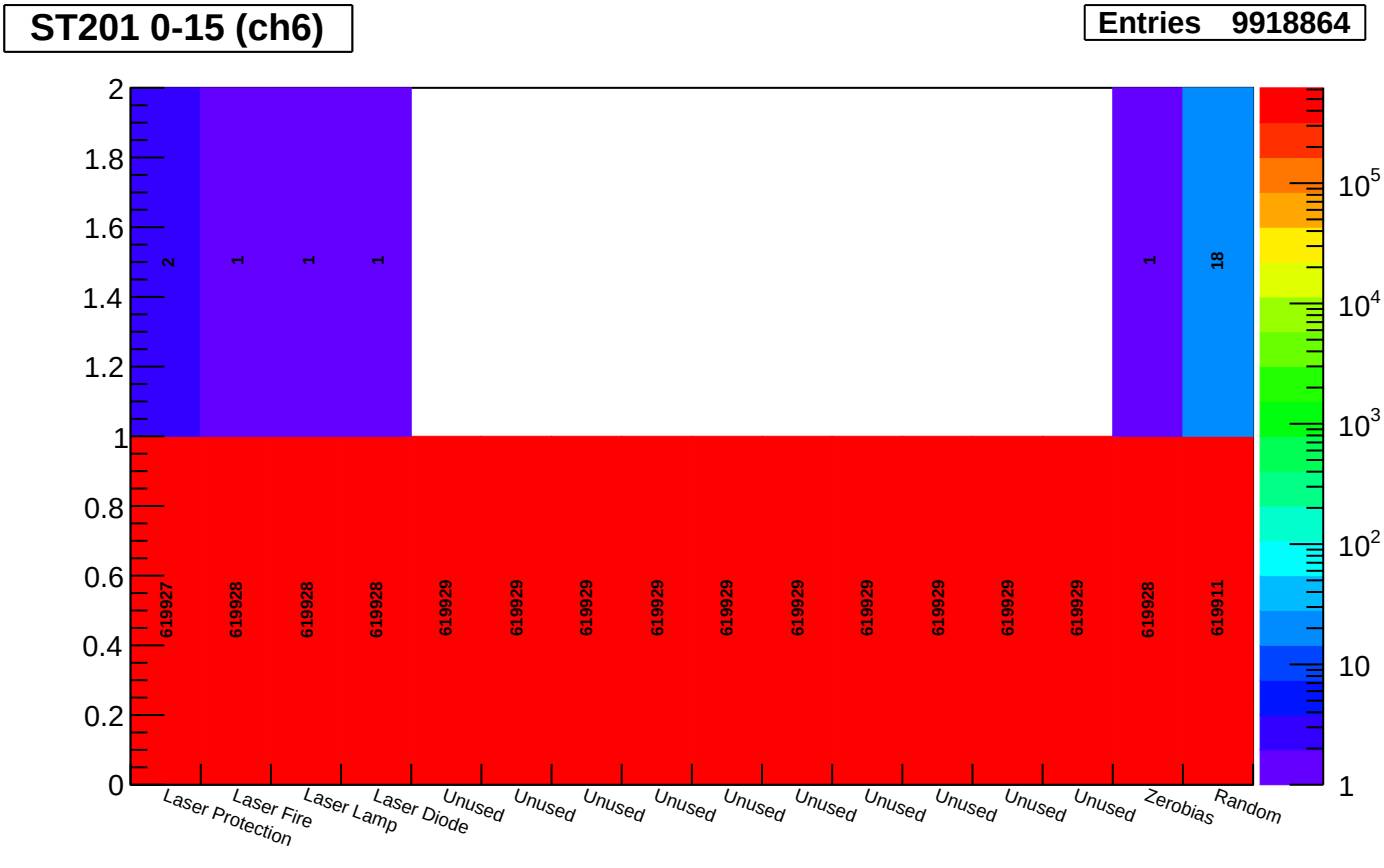

Entries 619929
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

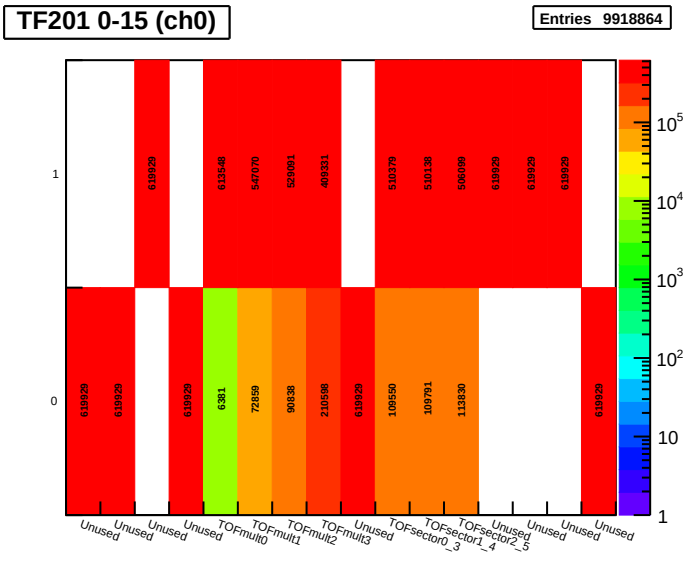

Entries 619929
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

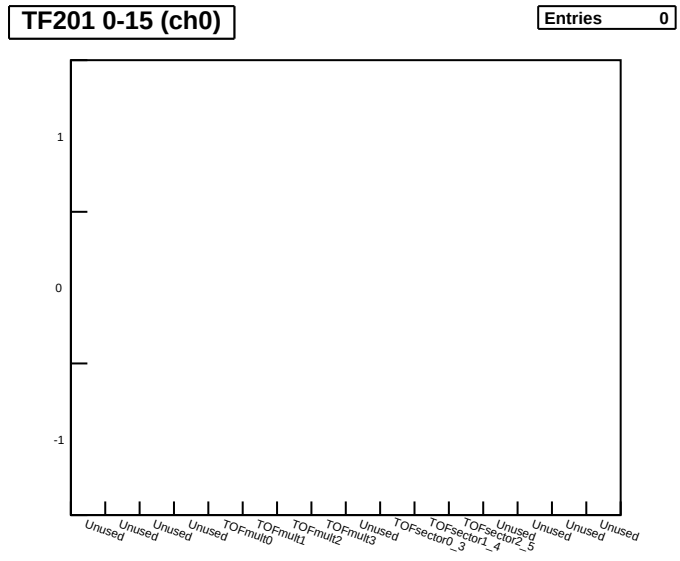

Entries 619929
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

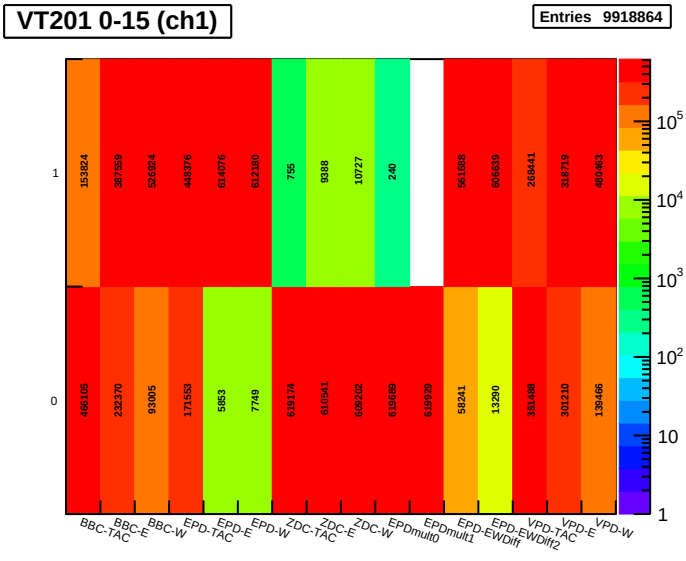

Entries 619929
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

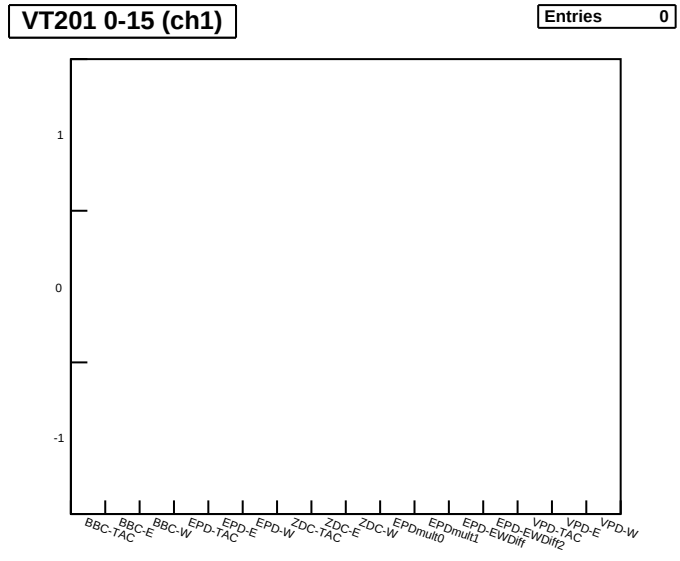

Laser Input Bits
Entries 619929
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

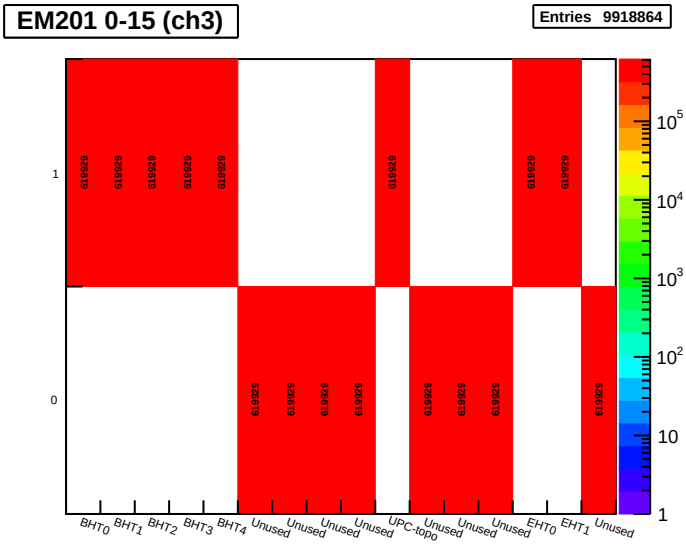

ST201 0-15 (ch6)
Entries 9918864
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
1
18
619927
619928
619928
619928
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619928
619911
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

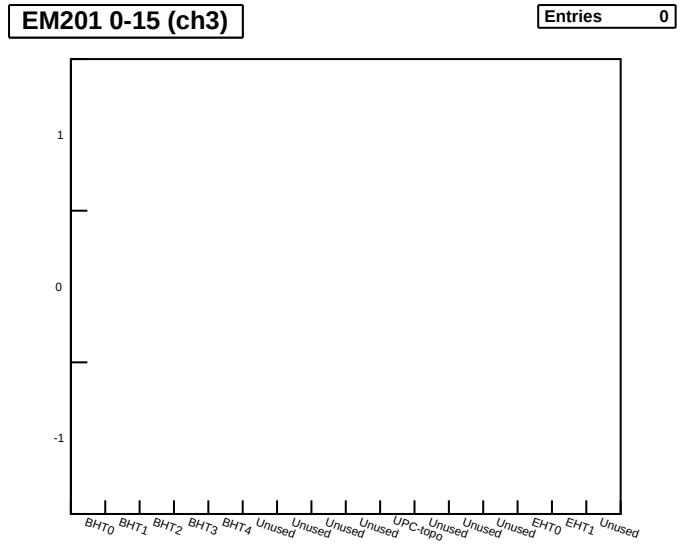

TF201 0-15 (ch0)
Entries 9918864
1
0
619929
613548
547070
520931
409331
510379
510138
506099
619929
619929
619929
619929
619929
619929
6381
72859
90838
210598
619929
109550
109791
113830
619929
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 9918864
1
0
153824
387559
526924
448376
614076
612180
755
9388
10727
240
561068
606639
268441
318719
480463
466105
232370
93005
171553
5853
7749
619174
610541
609202
619689
619929
58241
13290
351488
301210
139466
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 9918864
1
0
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
619929
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