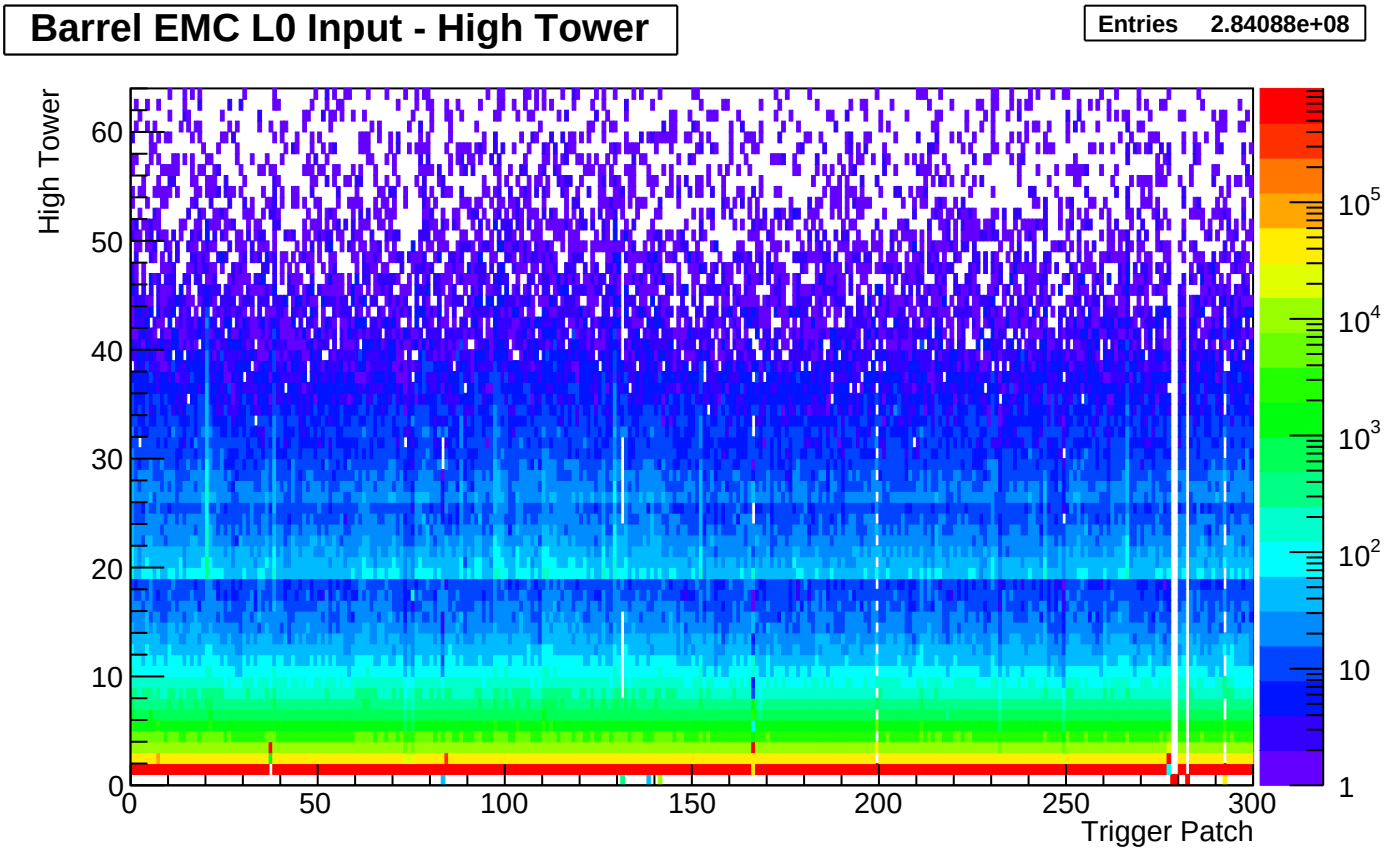
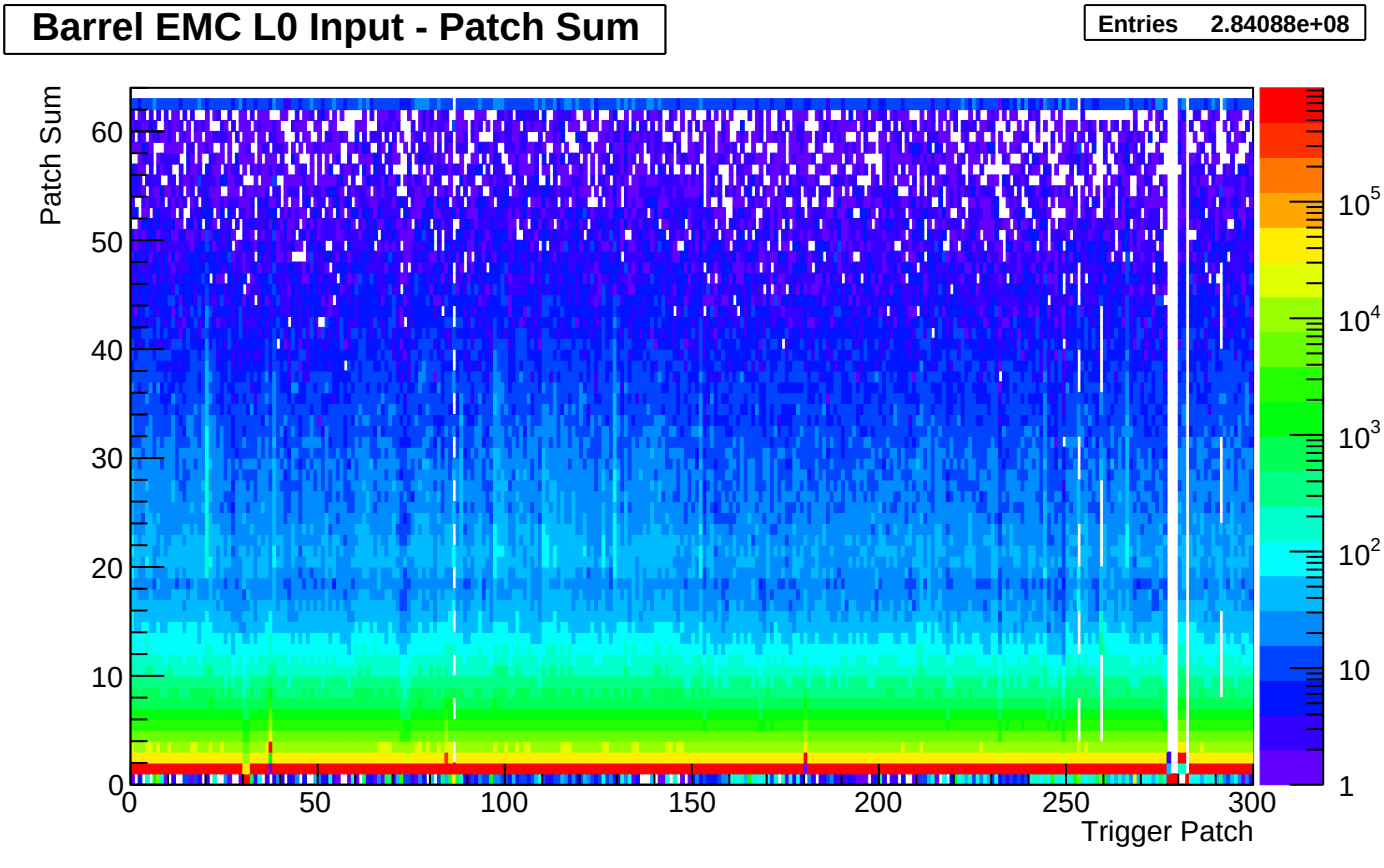
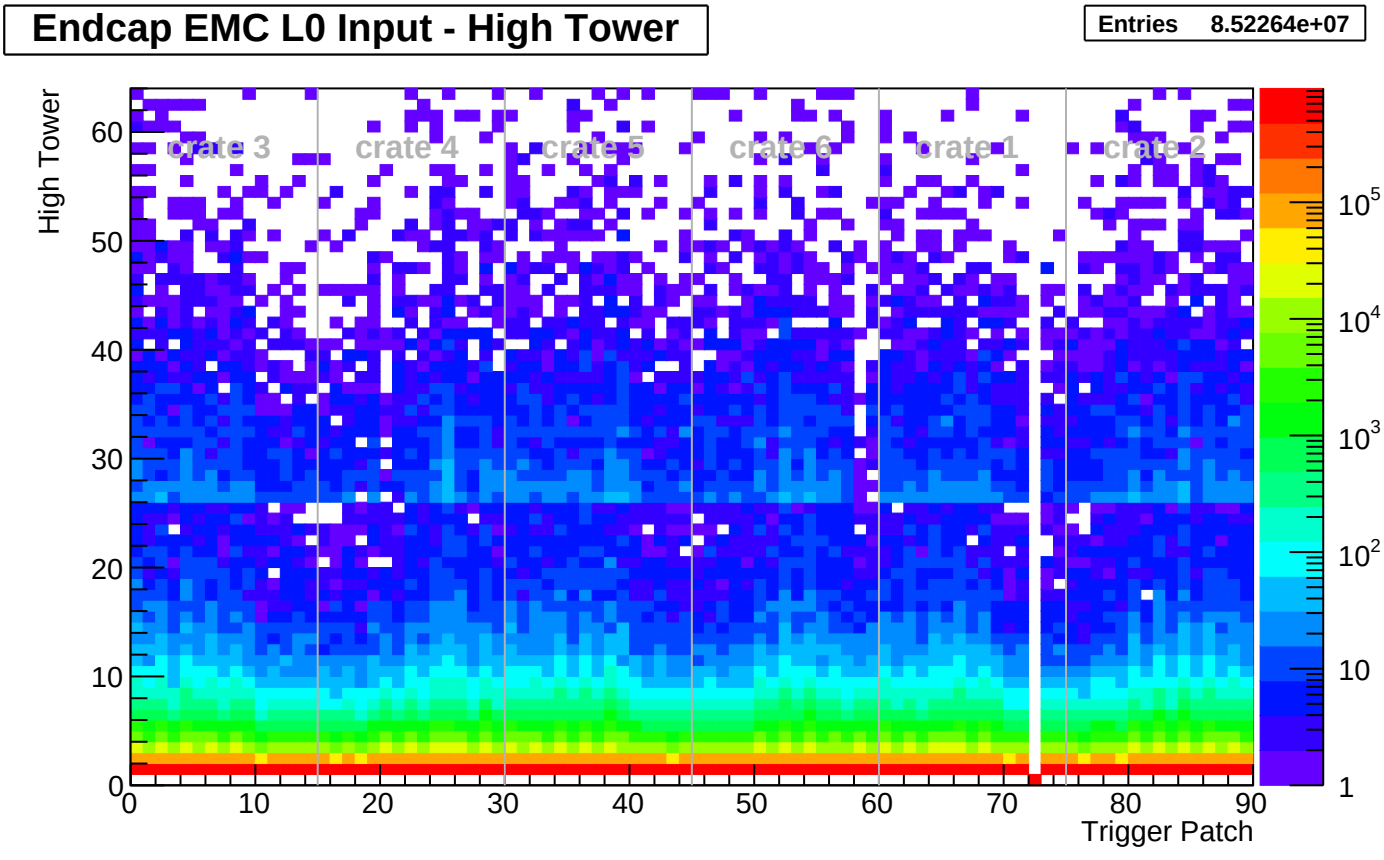
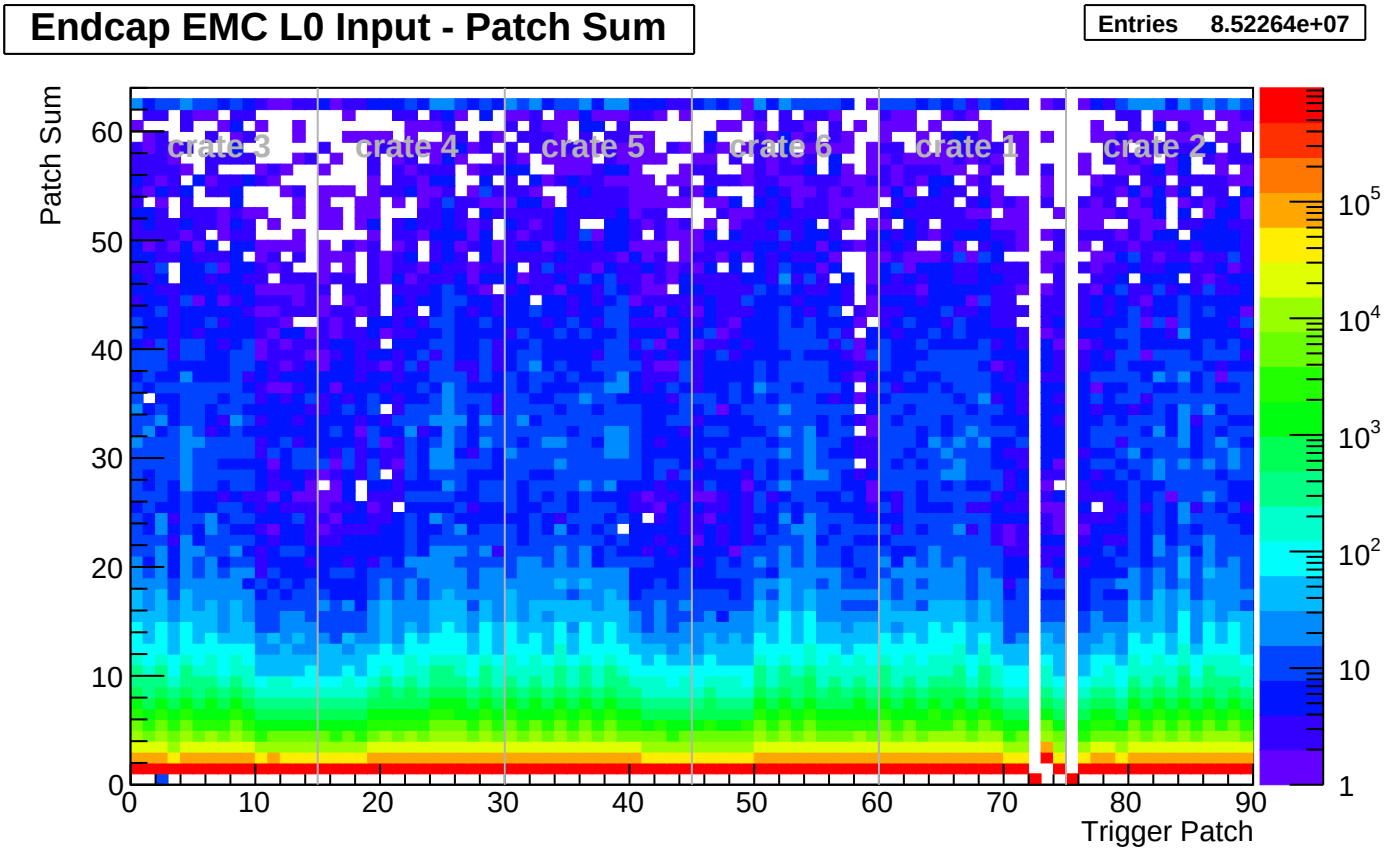
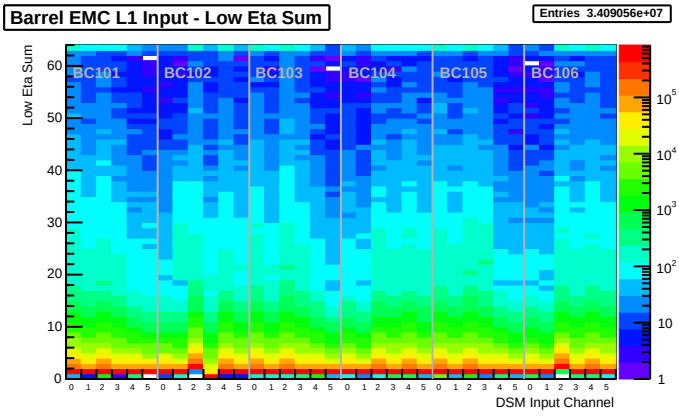
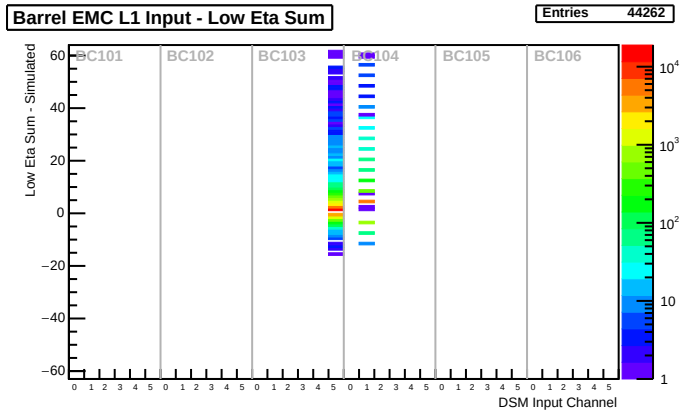

Barrel EMC L0 Input - High Tower
Entries 2.84088e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

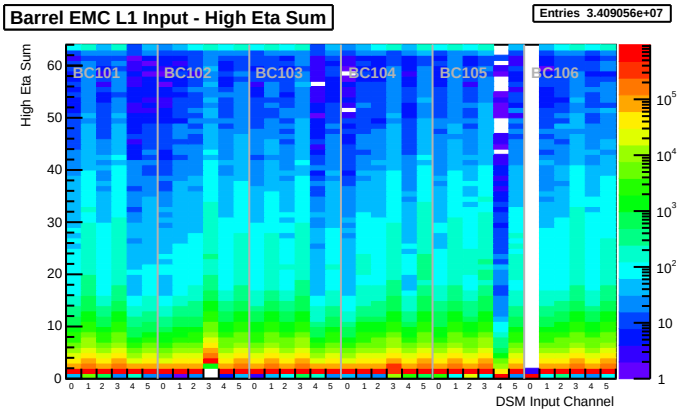

Barrel EMC L0 Input - Patch Sum
Entries 2.84088e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

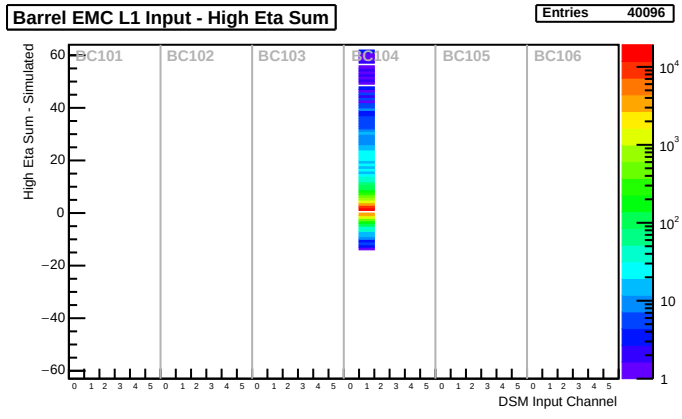

Endcap EMC L0 Input - High Tower
Entries 8.52264e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

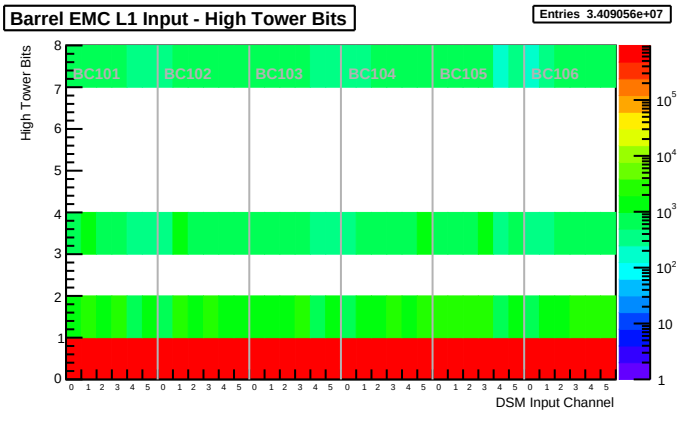

Endcap EMC L0 Input - Patch Sum
Entries 8.52264e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

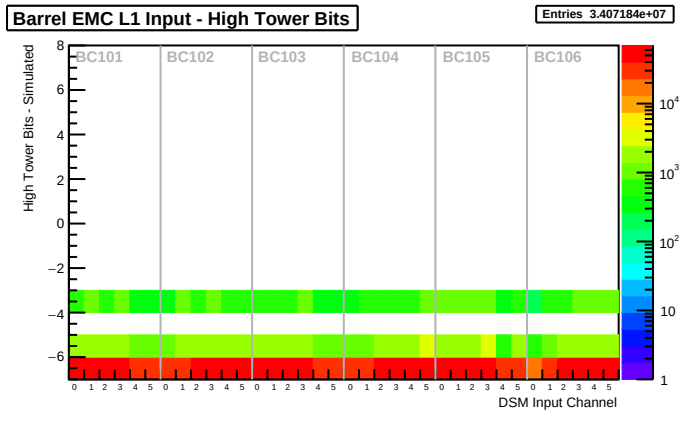

Barrel EMC L1 Input - Low Eta Sum
Entries 3.409056e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

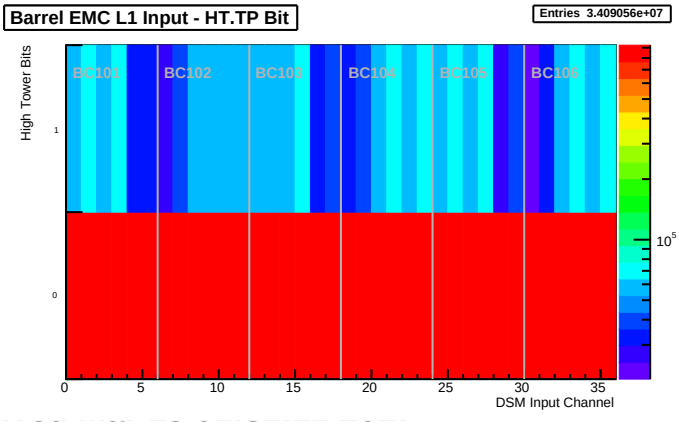

Barrel EMC L1 Input - Low Eta Sum
Entries 44262
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

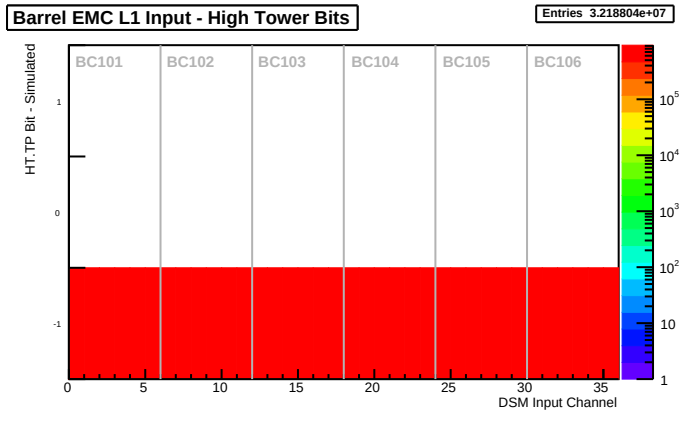

Barrel EMC L1 Input - High Eta Sum
Entries 3.409056e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

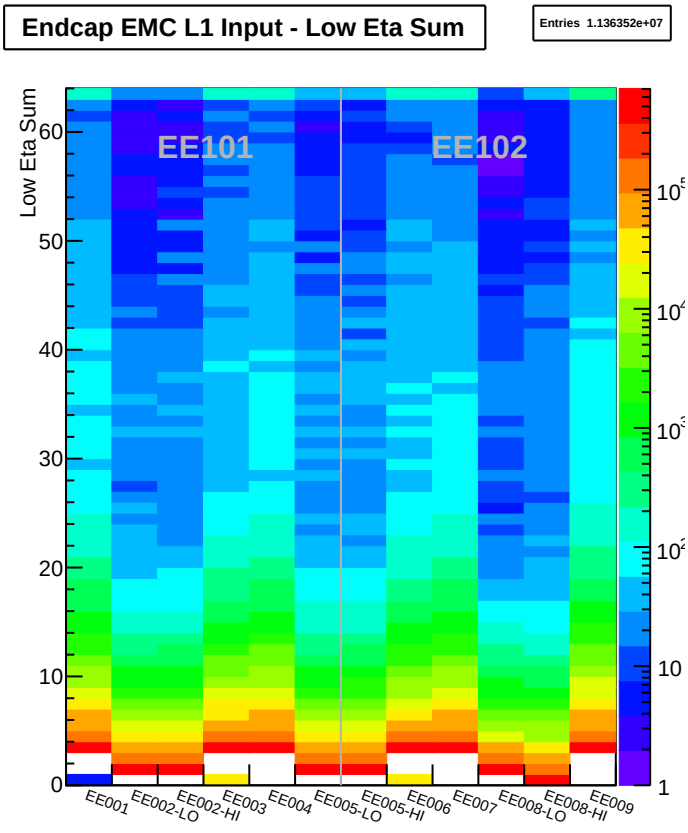

Barrel EMC L1 Input - High Eta Sum
Entries 40096
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

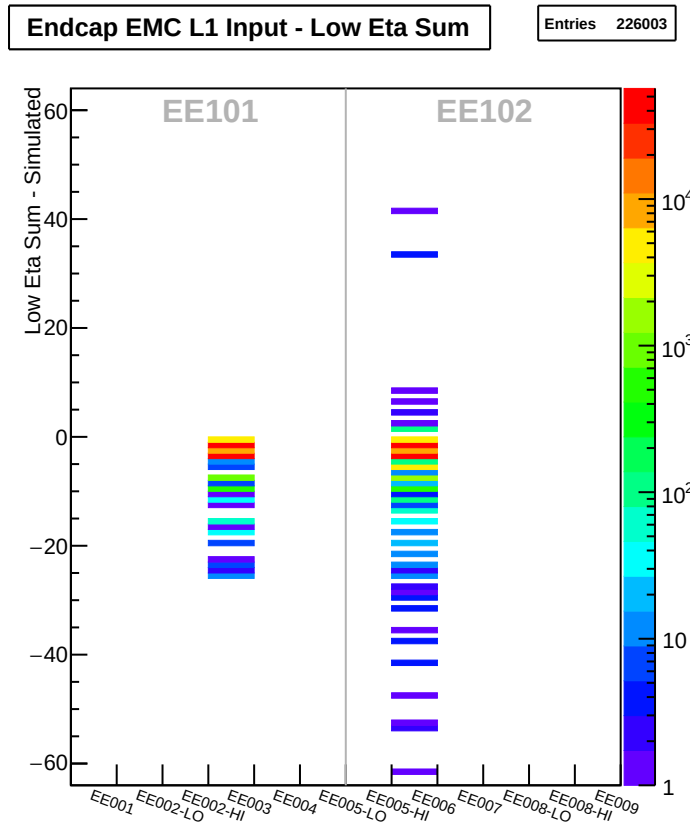

Barrel EMC L1 Input - High Tower Bits
Entries 3.409056e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

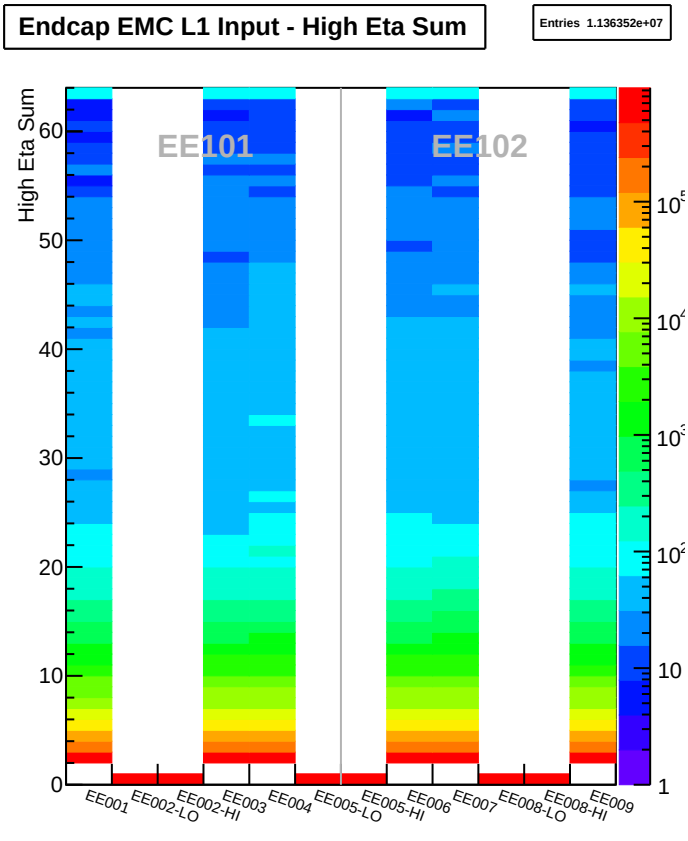

Barrel EMC L1 Input - High Tower Bits
Entries 3.407184e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

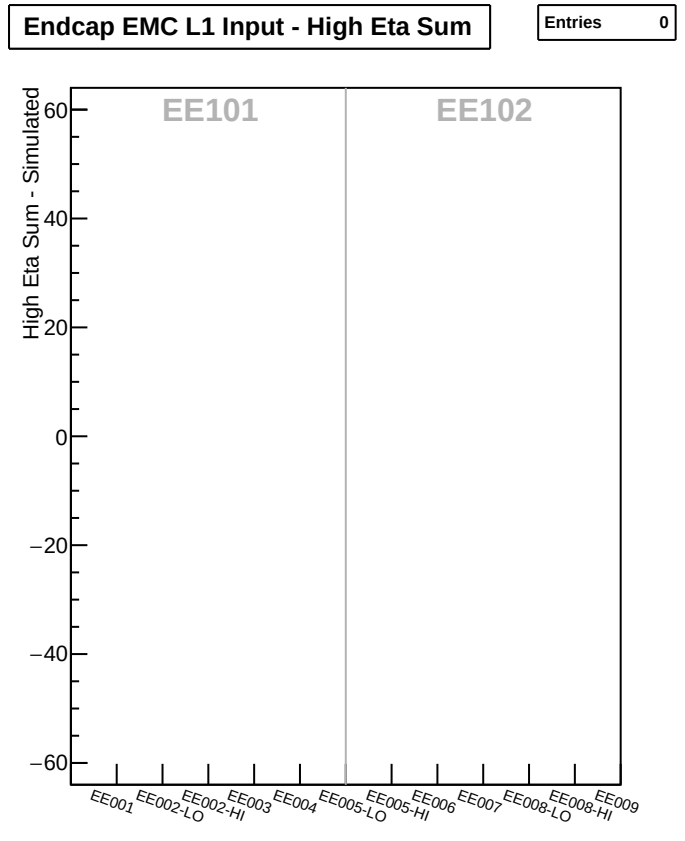

Barrel EMC L1 Input - HT.TP Bit
Entries 3.409056e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 3.218804e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

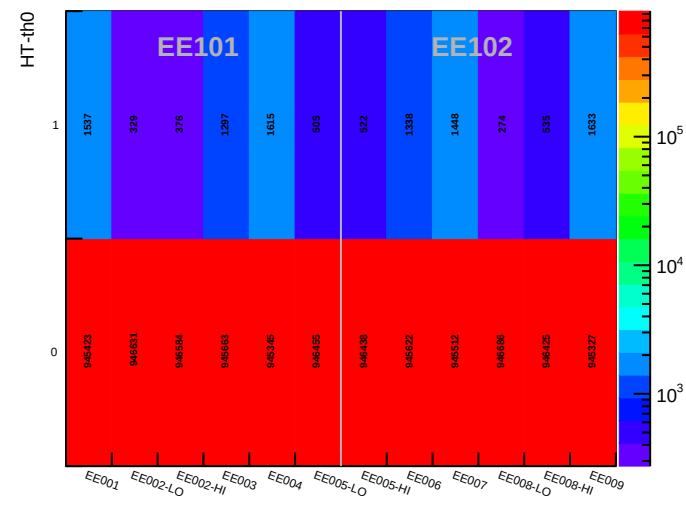

Endcap EMC L1 Input - Low Eta Sum
Entries 1.136352e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - Low Eta Sum
Entries 226003
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

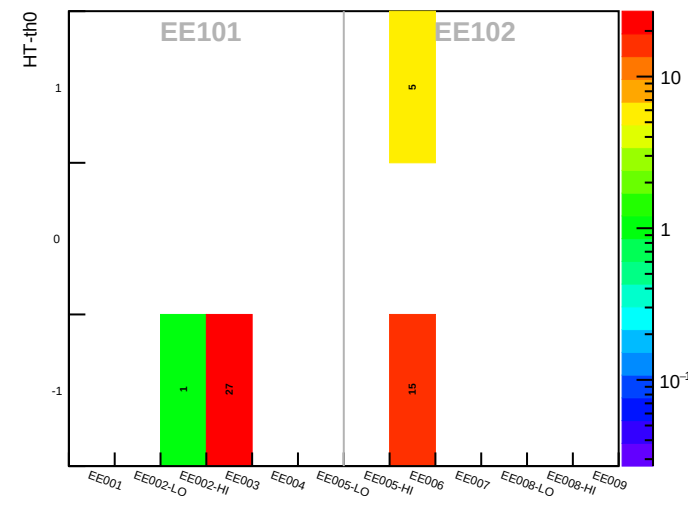

Endcap EMC L1 Input - High Eta Sum
Entries 1.136352e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

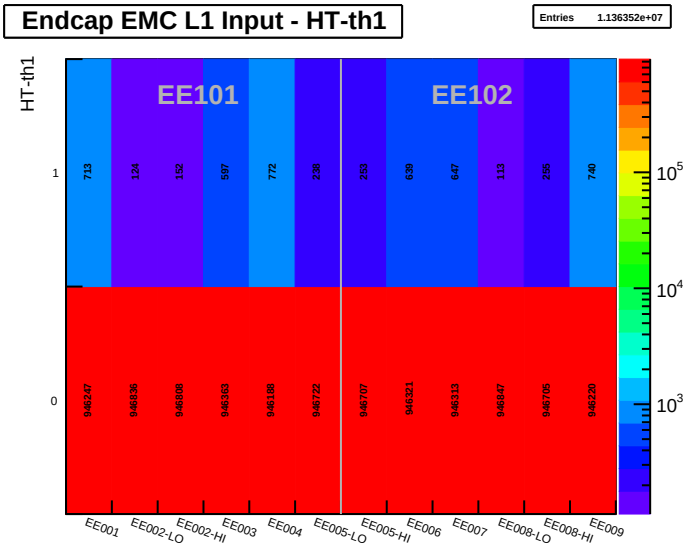
Endcap EMC L1 Input - HT-th0



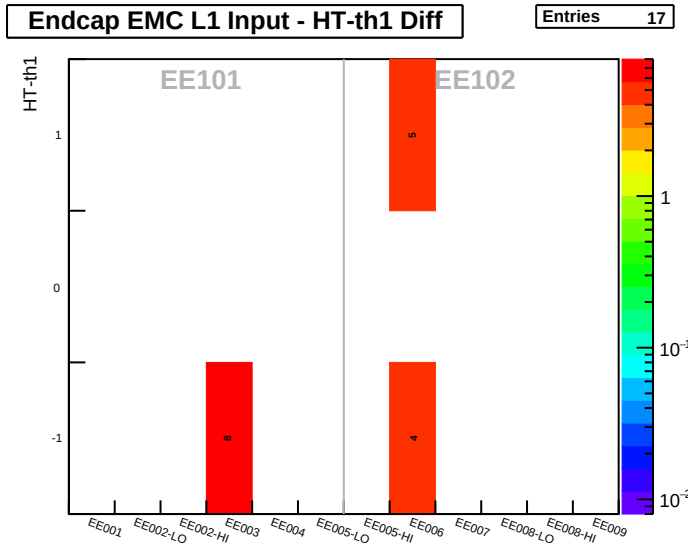
Endcap EMC L1 Input - HT-th0 Diff



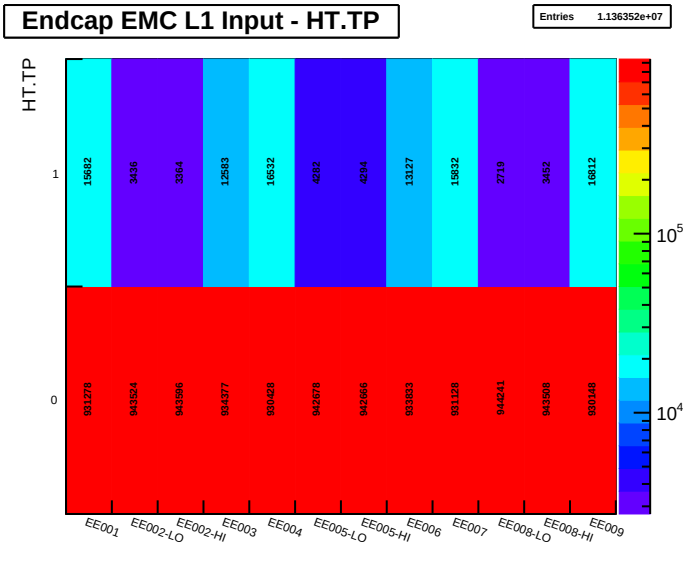
Endcap EMC L1 Input - HT-th1



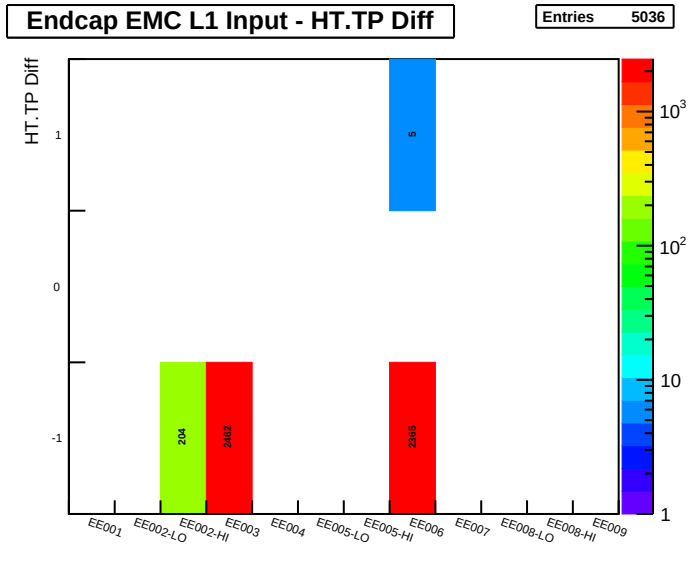
Endcap EMC L1 Input - HT-th1 Diff

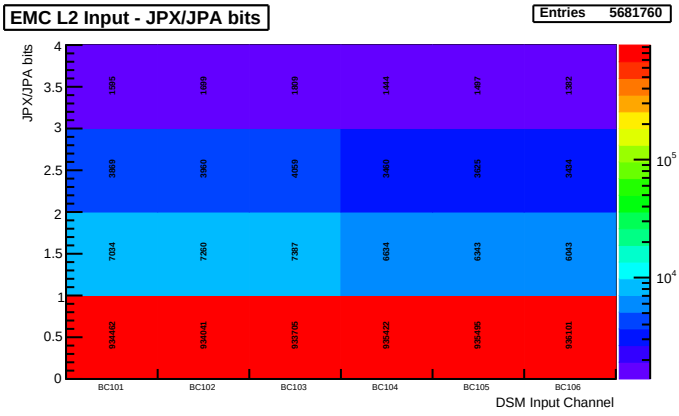


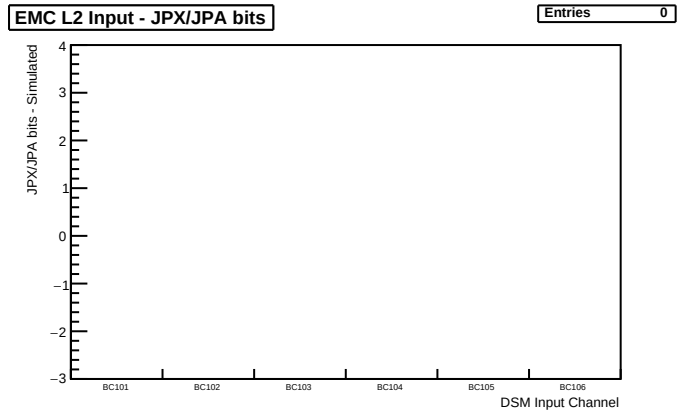
Endcap EMC L1 Input - HT.TP

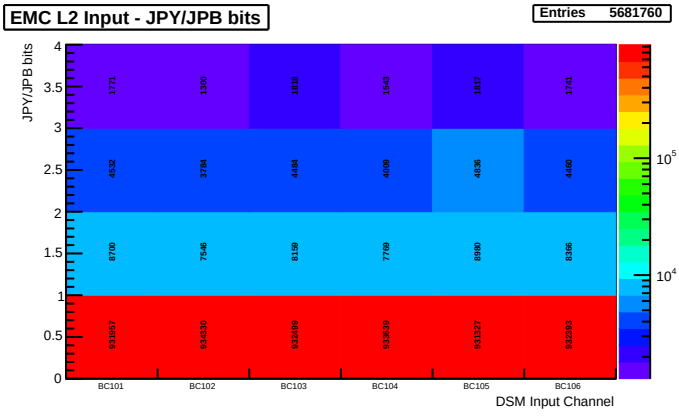


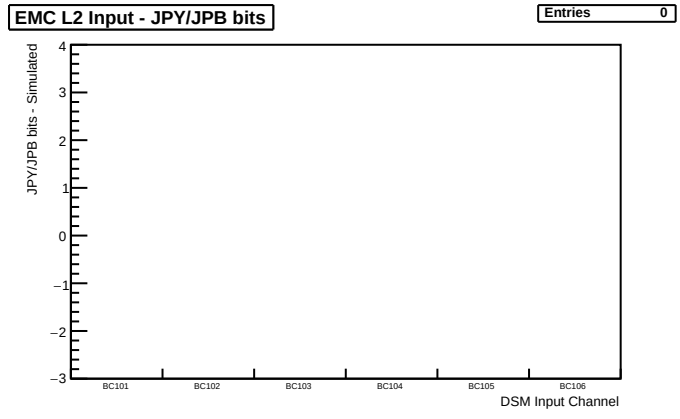
Endcap EMC L1 Input - HT.TP Diff

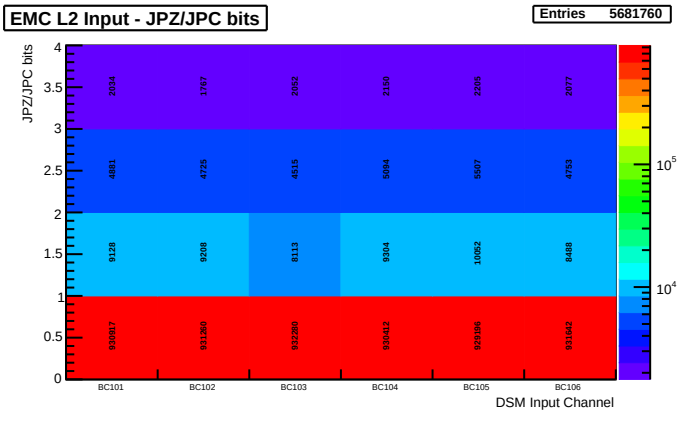


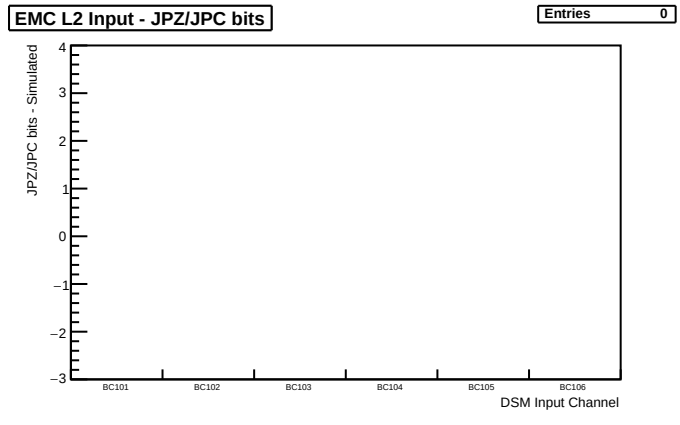

EMC L2 Input - JPX/JPA bits
Entries 5681760
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

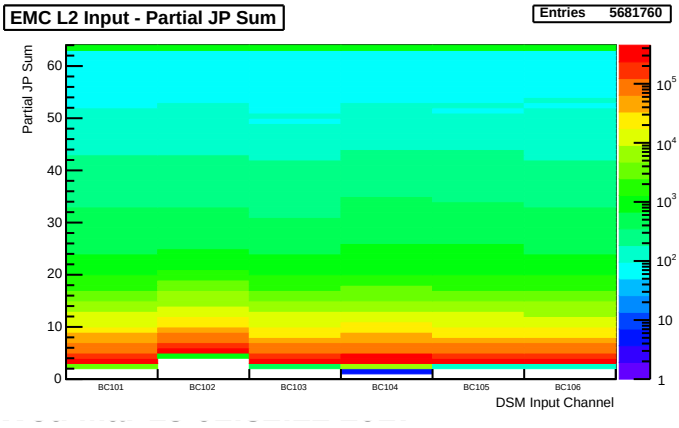

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

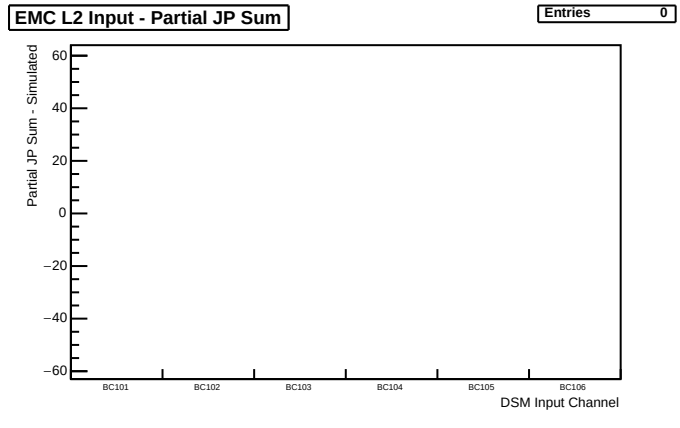

EMC L2 Input - JPY/JPB bits
Entries 5681760
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

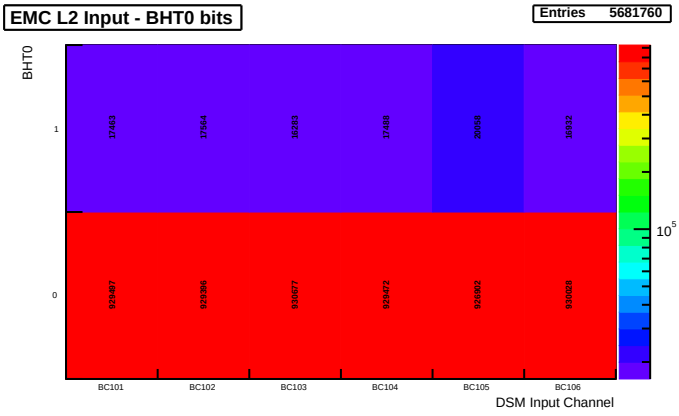

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

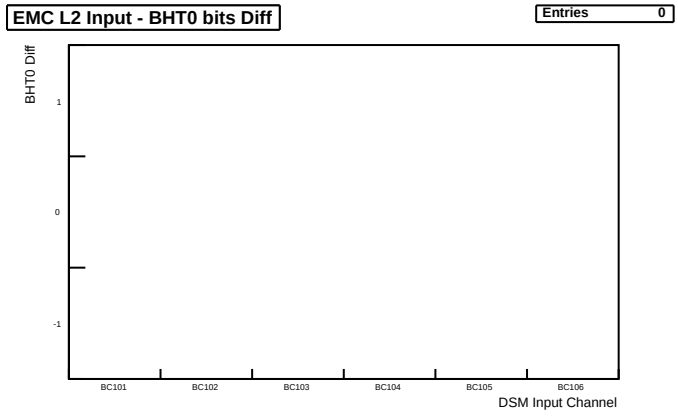

EMC L2 Input - JPZ/JPC bits
Entries 5681760
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

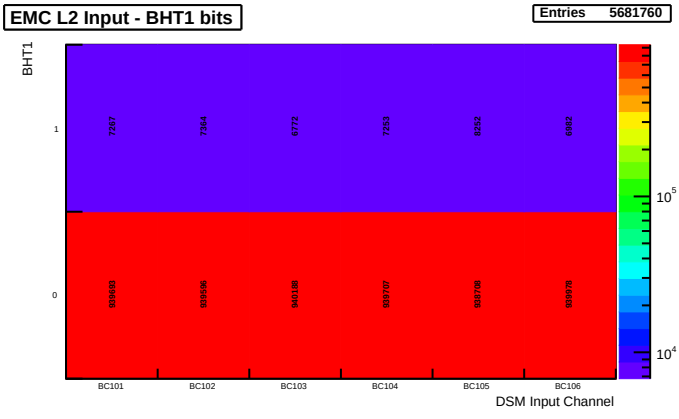

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

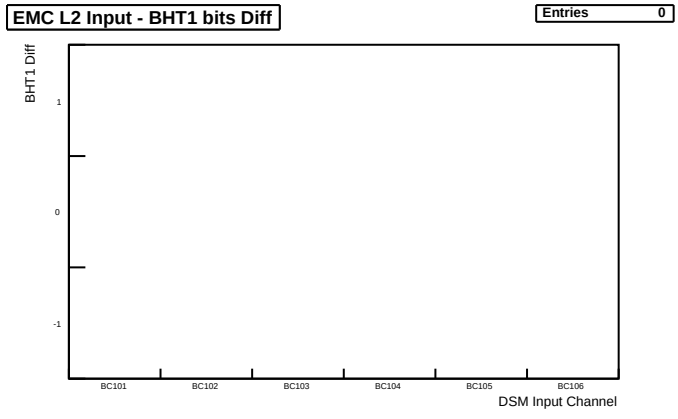

EMC L2 Input - Partial JP Sum
Entries 5681760
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

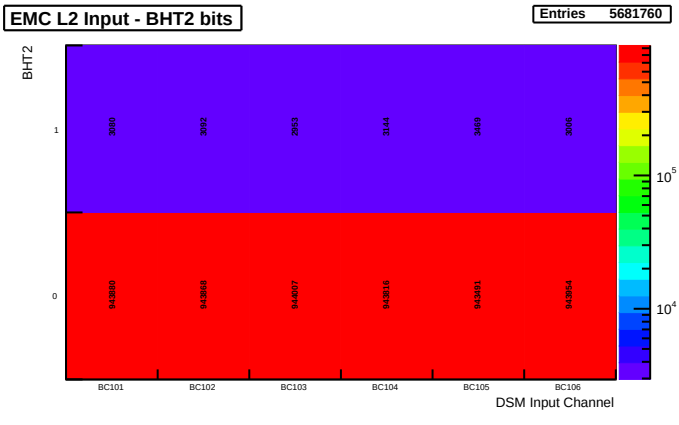

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

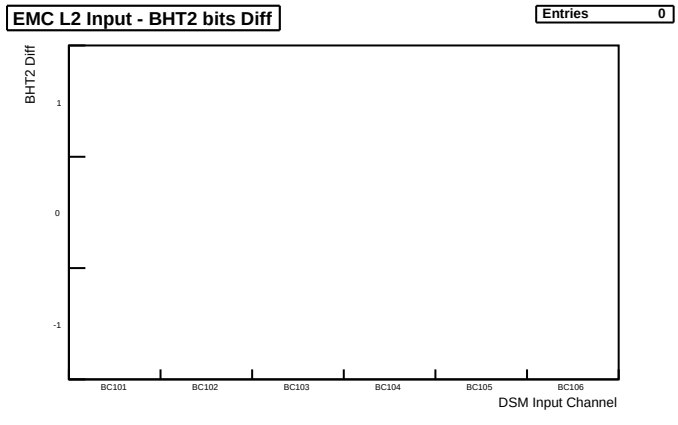

EMC L2 Input - BHT0 bits
Entries 5681760
BHT0
1
0
17463
17564
16283
17488
20658
16932
929497
929396
930677
929472
926902
930028
10^5
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

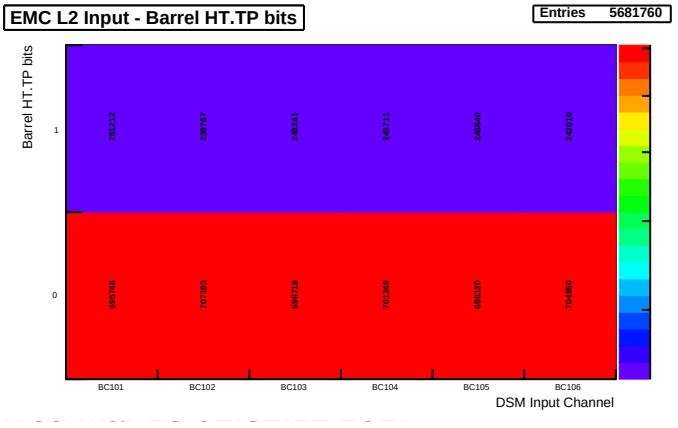

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

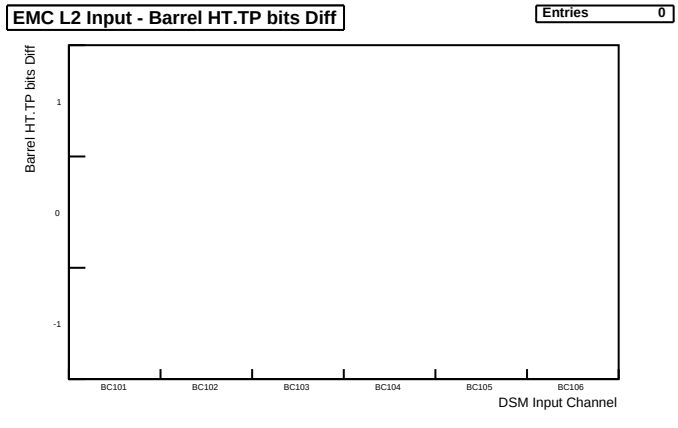

EMC L2 Input - BHT1 bits
Entries 5681760
BHT1
1
0
7267
7364
6772
7253
8252
6982
939693
939596
940188
939707
938708
939978
10^5
10^4
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

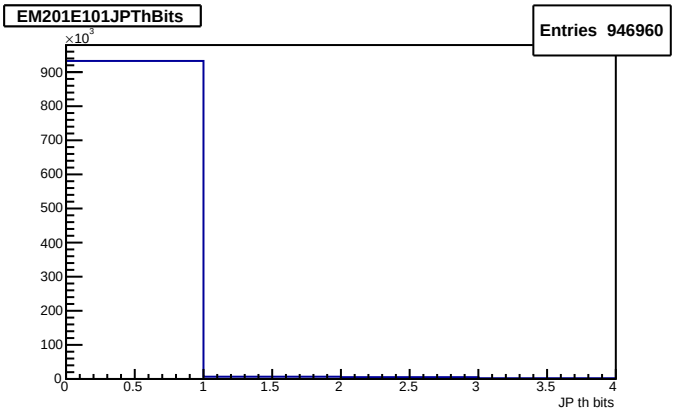

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

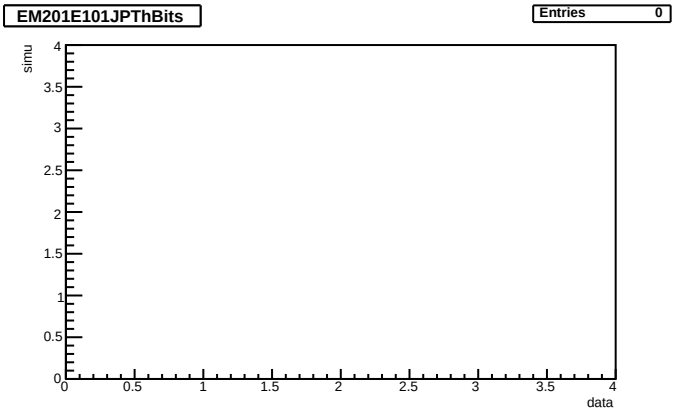

EMC L2 Input - BHT2 bits
Entries 5681760
BHT2
1
0
3030
3092
2553
3144
3469
3005
943880
943868
944007
943816
943931
943954
10^5
10^4
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

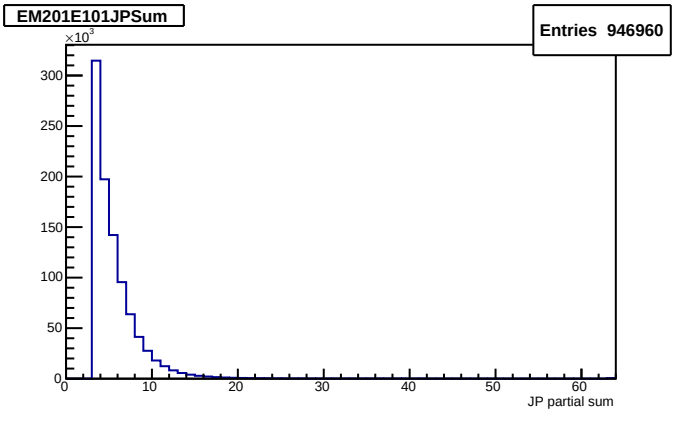

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

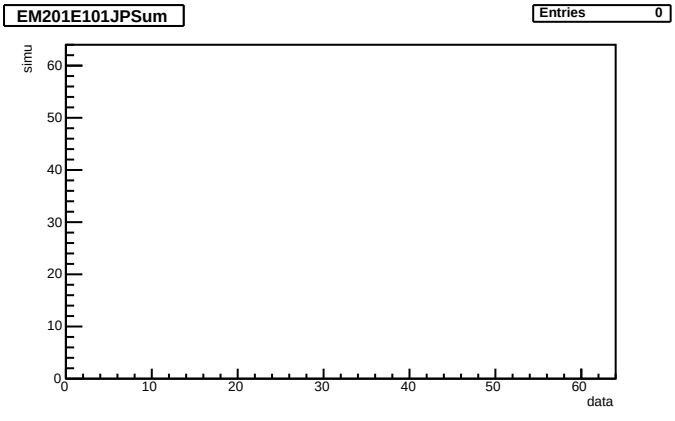

EMC L2 Input - Barrel HT.TP bits
Entries 5681760
Barrel HT.TP bits
1
0
231212
239767
246241
245711
248940
242010
695748
707193
698719
701249
698320
704860
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

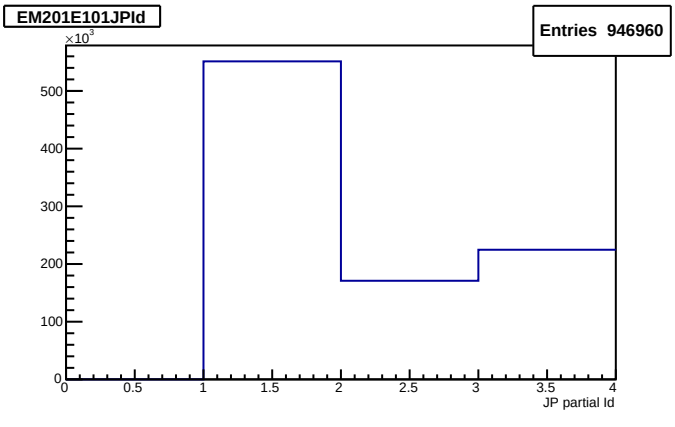

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

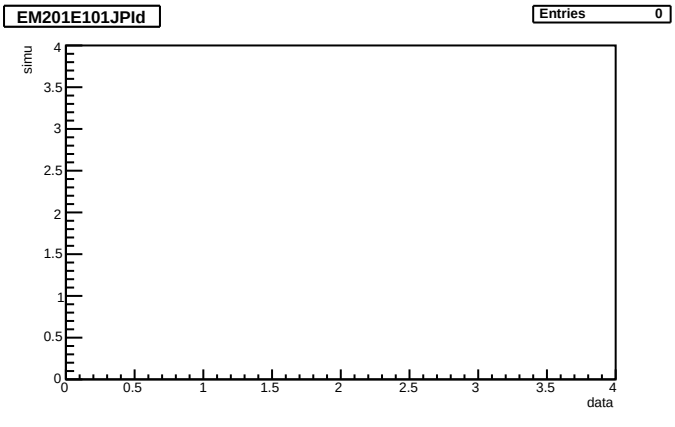

EM201E101JPThBits
Entries 946960
JP th bits

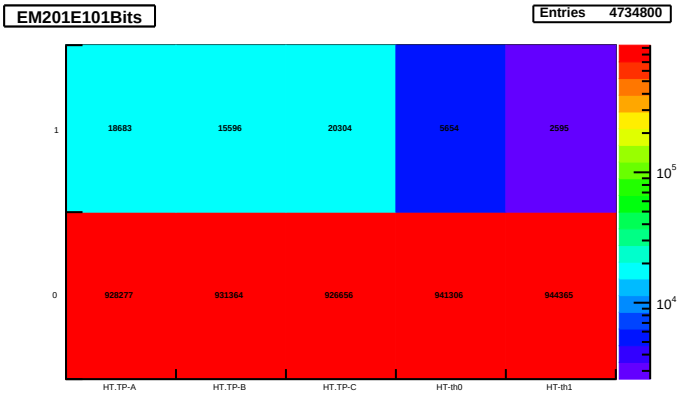

EM201E101JPThBits
Entries 0
simu
data

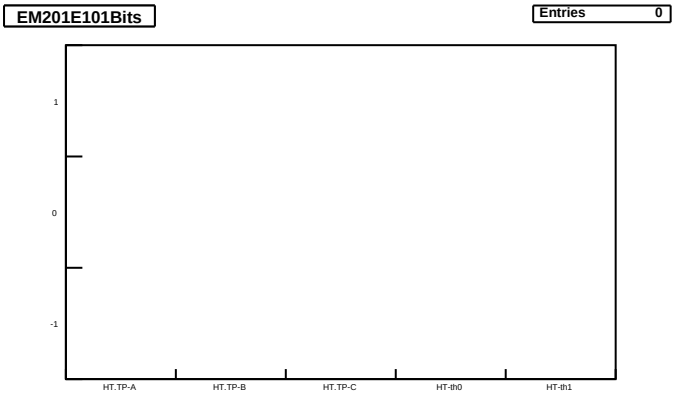

EM201E101JPSum
Entries 946960
JP partial sum

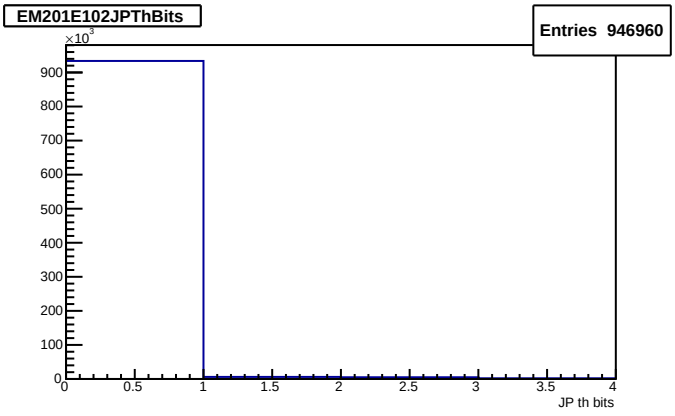

EM201E101JPSum
Entries 0
simu
data

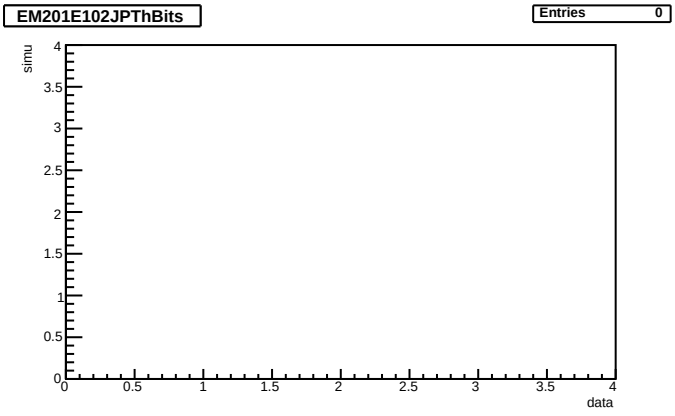

EM201E101JPId
Entries 946960
JP partial Id

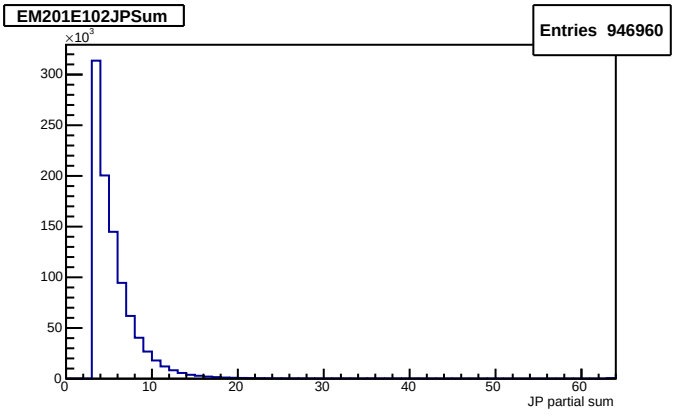

EM201E101JPId
Entries 0
simu
data

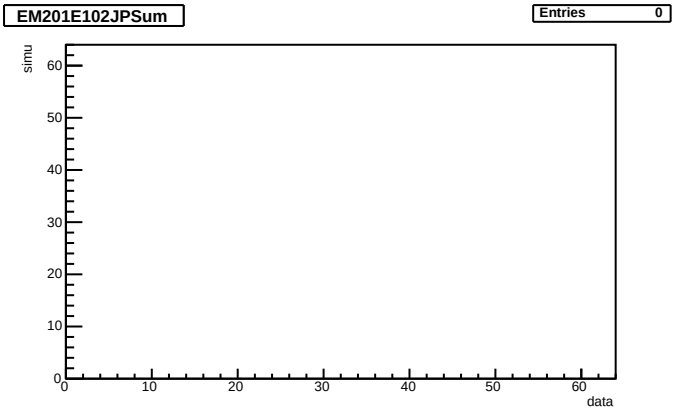

EM201E101Bits
Entries 4734800
18683
15596
20304
5654
2595
928277
931364
926656
941306
944365
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

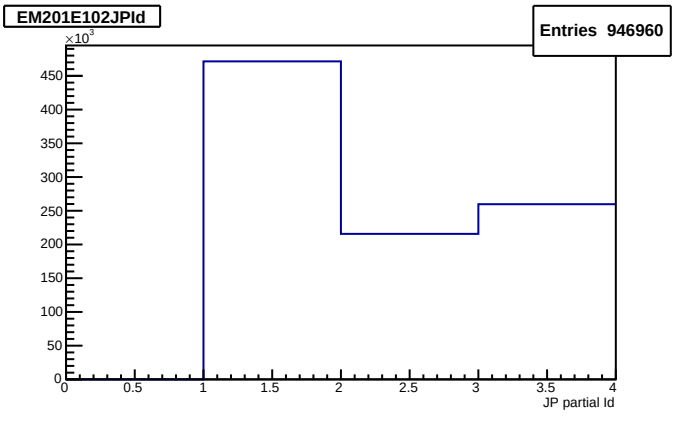

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

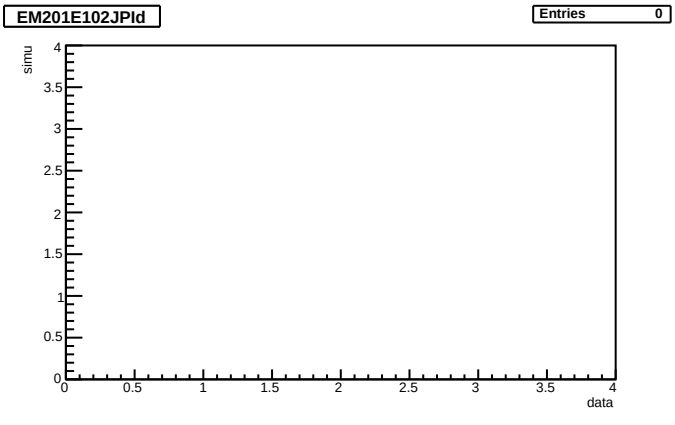

EM201E102JPThBits
Entries 946960
JP th bits

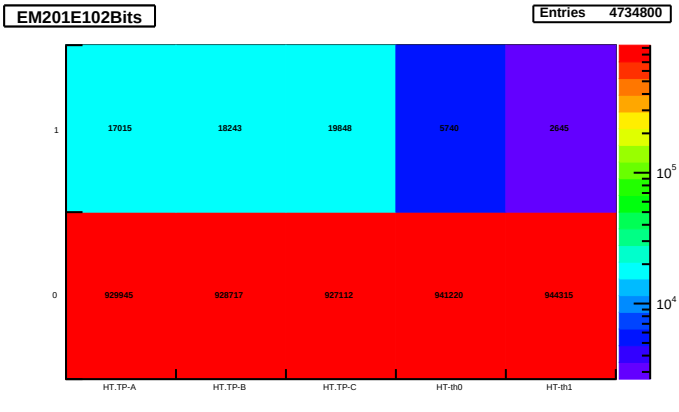

EM201E102JPThBits
Entries 0
simu
data

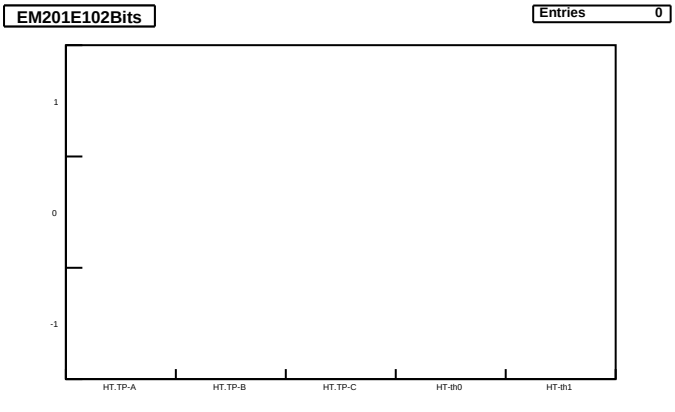

EM201E102JPSum
Entries 946960
JP partial sum

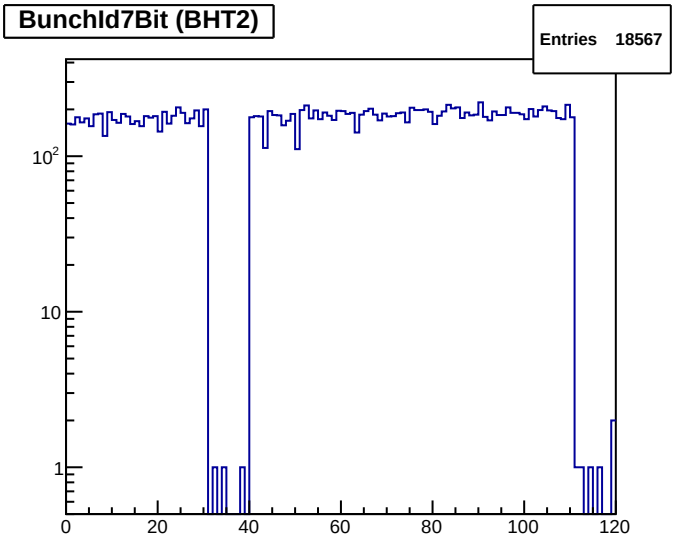

EM201E102JPSum
Entries 0
simu
data

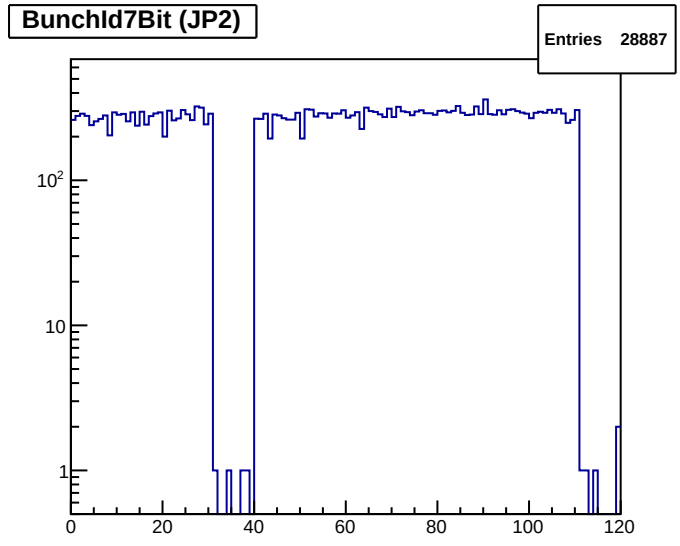

EM201E102JPId
Entries 946960
JP partial Id

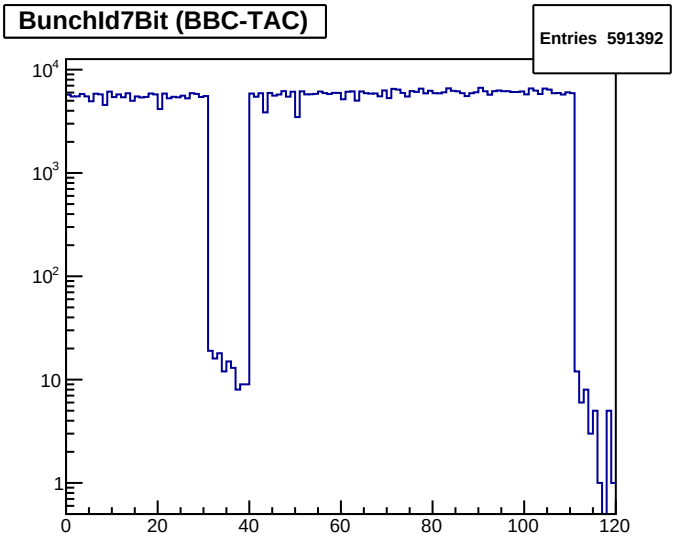

EM201E102JPId
Entries 0
simu
data

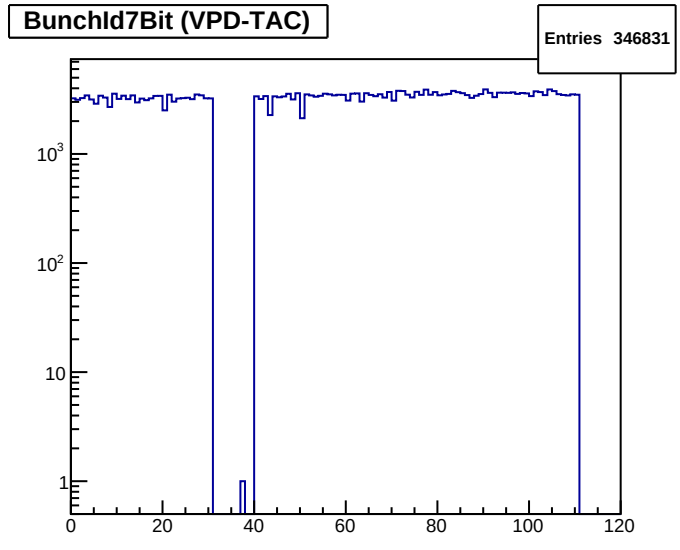

EM201E102Bits
Entries 4734800
17015
18243
19848
5740
2645
929945
928717
927112
941220
944315
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

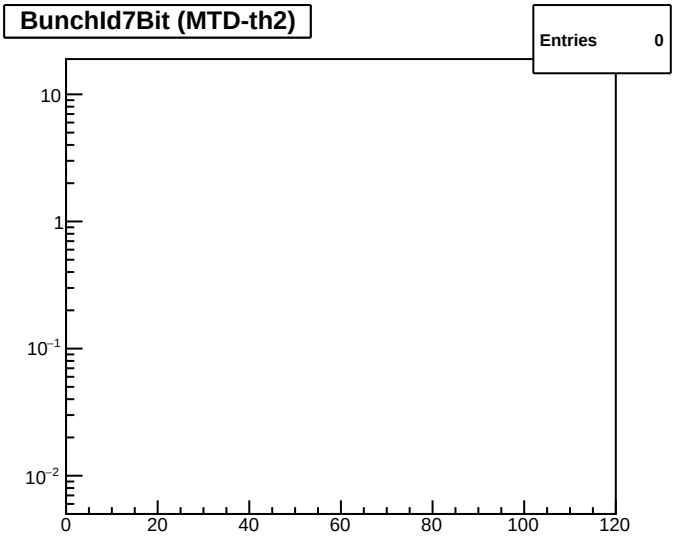

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

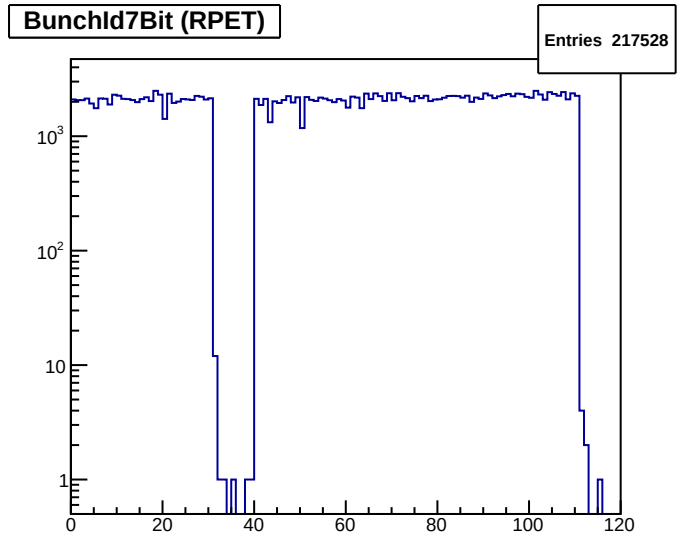

BunchId7Bit (BHT2)
Entries 18567

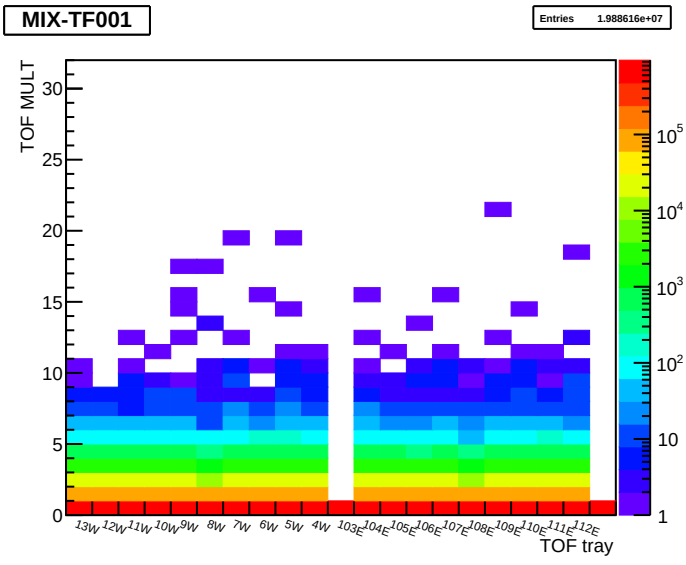

BunchId7Bit (JP2)
Entries 28887

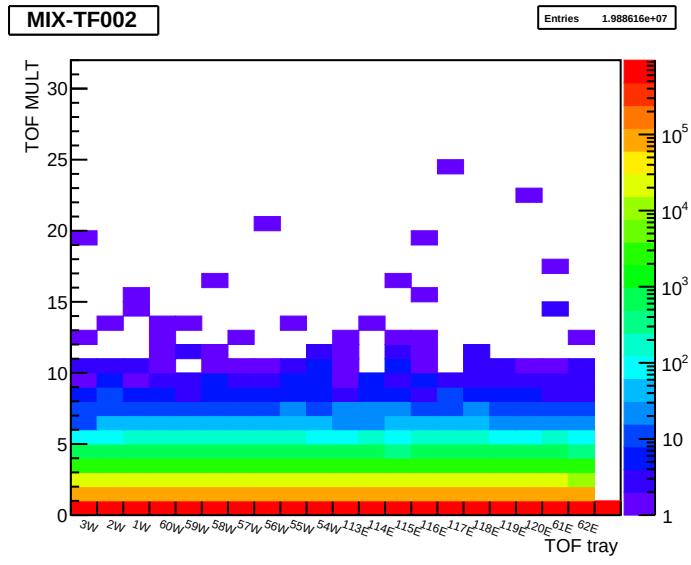

BunchId7Bit (BBC-TAC)
Entries 591392

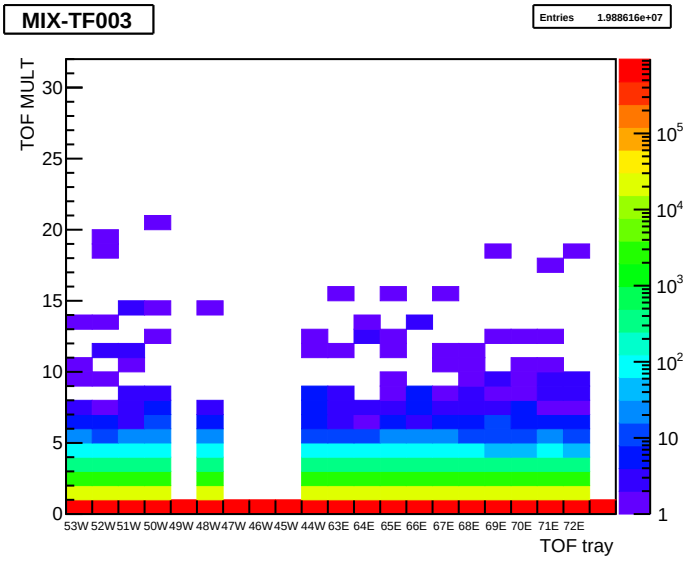

BunchId7Bit (VPD-TAC)
Entries 346831

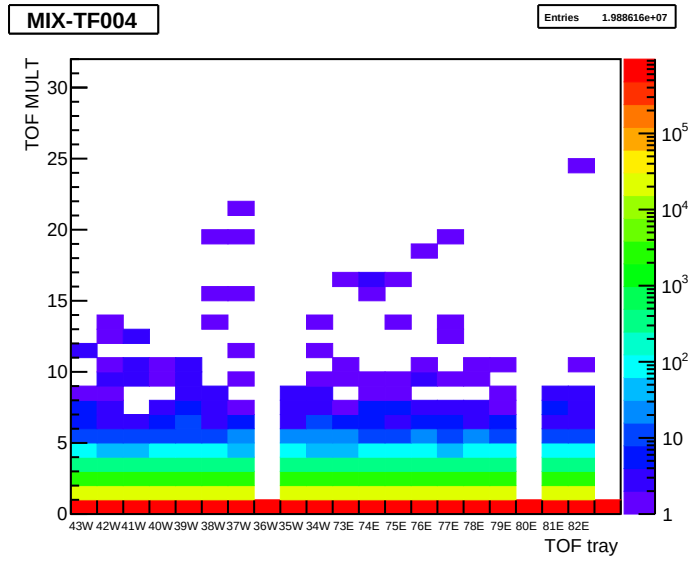

BunchId7Bit (MTD-th2)
Entries 0

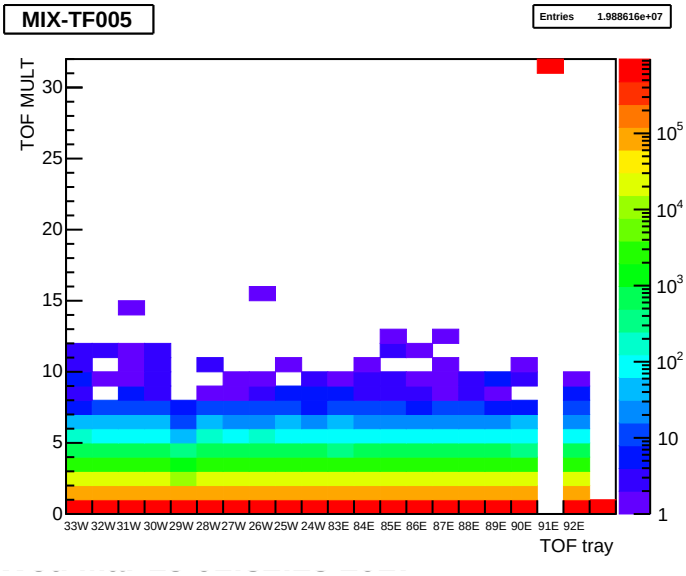

BunchId7Bit (RPET)
Entries 217528

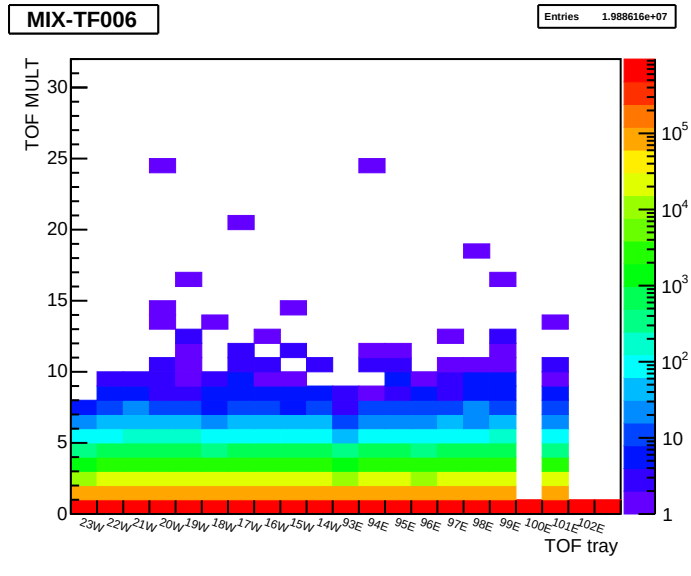

MIX-TF001
Entries 1.988616e+07
TOF MULT
TOF tray

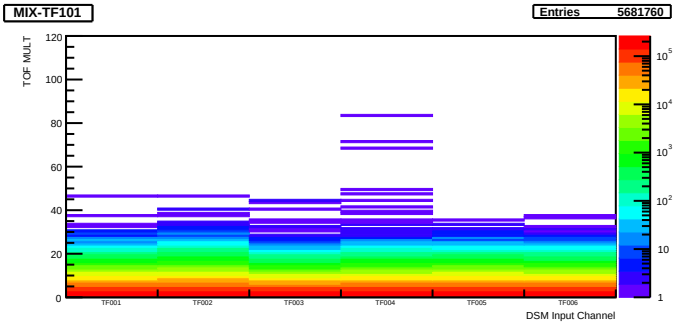

MIX-TF002
Entries 1.988616e+07
TOF MULT
TOF tray

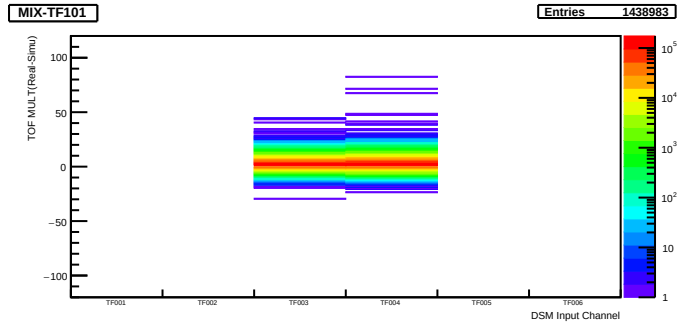

MIX-TF003
Entries 1.988616e+07
TOF MULT
TOF tray

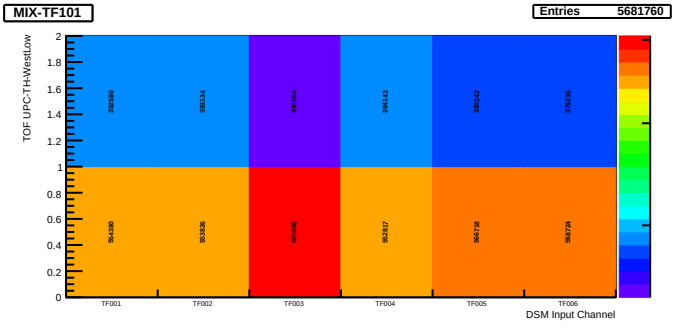

MIX-TF004
Entries 1.988616e+07
TOF MULT
TOF tray

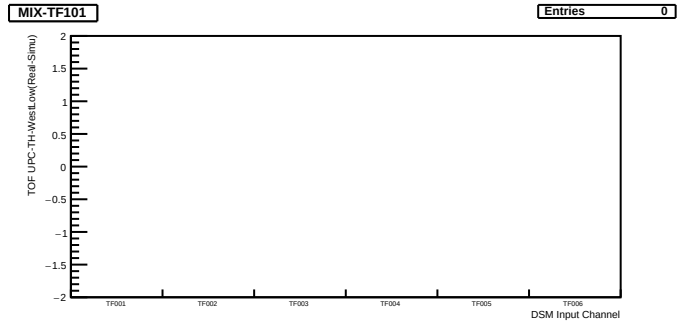

MIX-TF005
Entries 1.988616e+07
TOF MULT
TOF tray

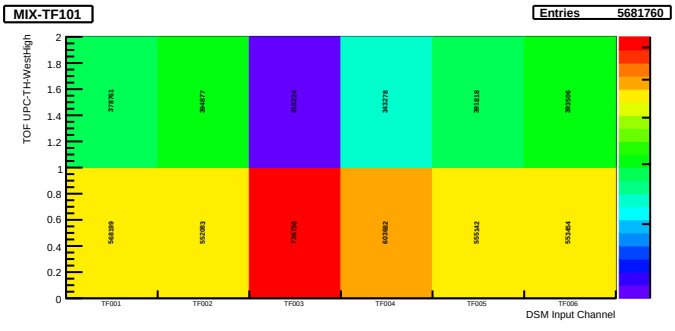

MIX-TF006
Entries 1.988616e+07
TOF MULT
TOF tray

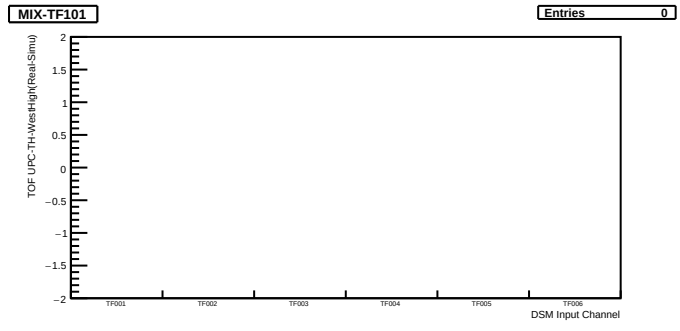

MIX-TF101
Entries 5681760
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

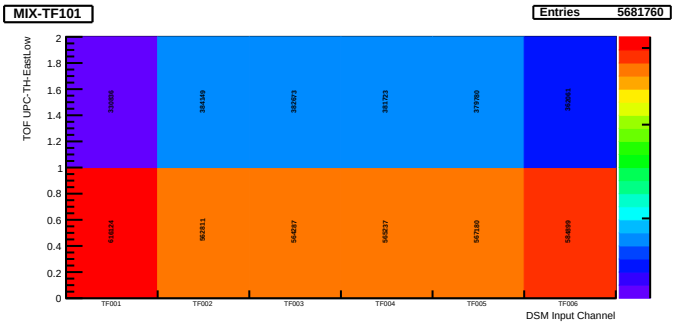

MIX-TF101
Entries 1438983
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

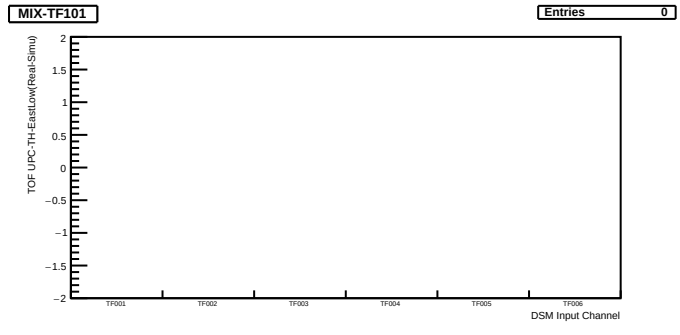

MIX-TF101
Entries 5681760
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

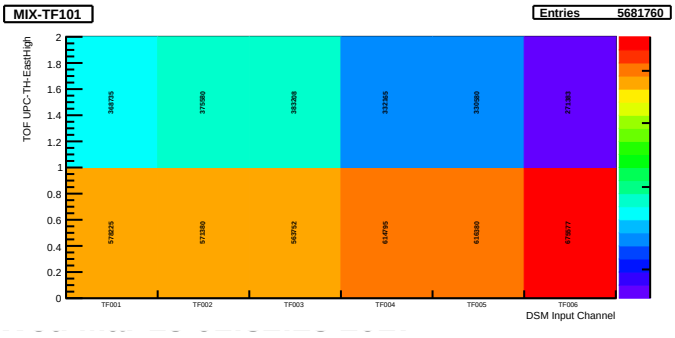

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

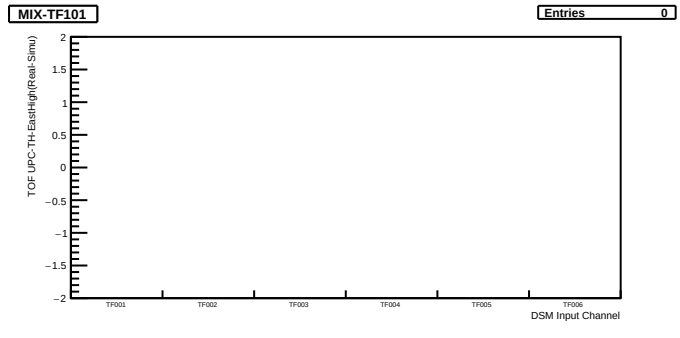

MIX-TF101
Entries 5681760
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

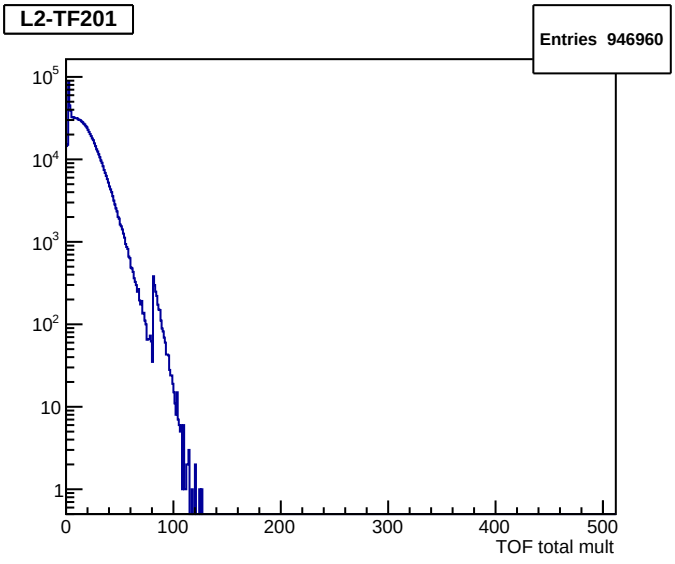

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

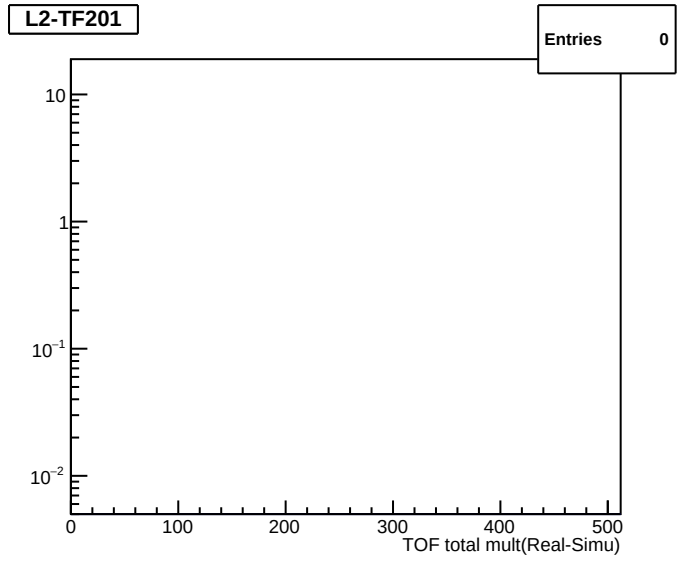

MIX-TF101
Entries 5681760
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

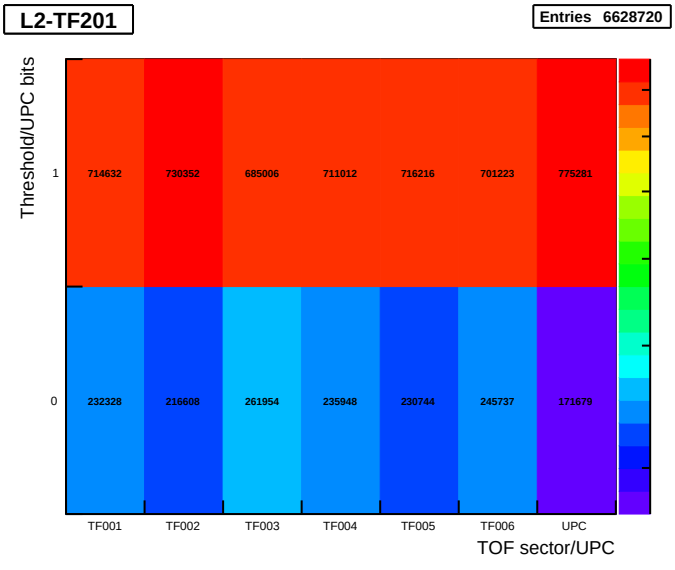

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

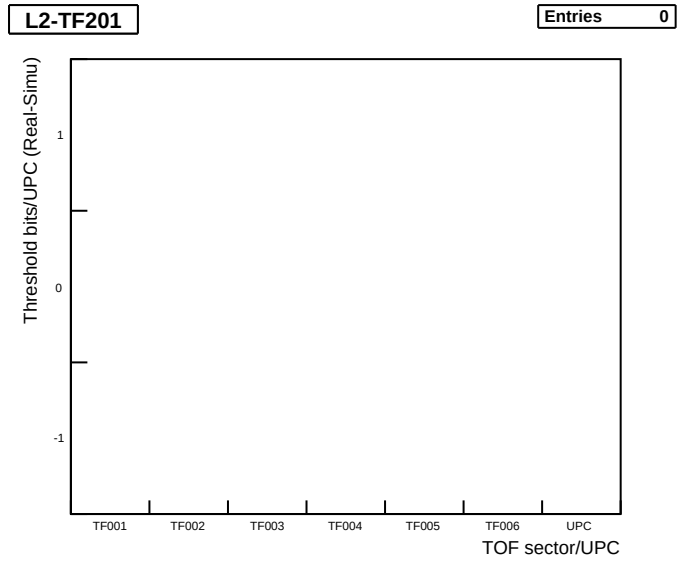

MIX-TF101
Entries 5681760
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

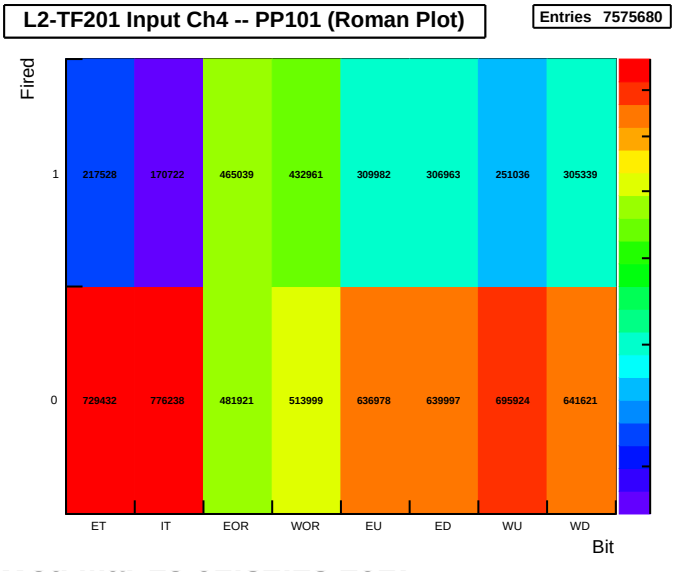

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

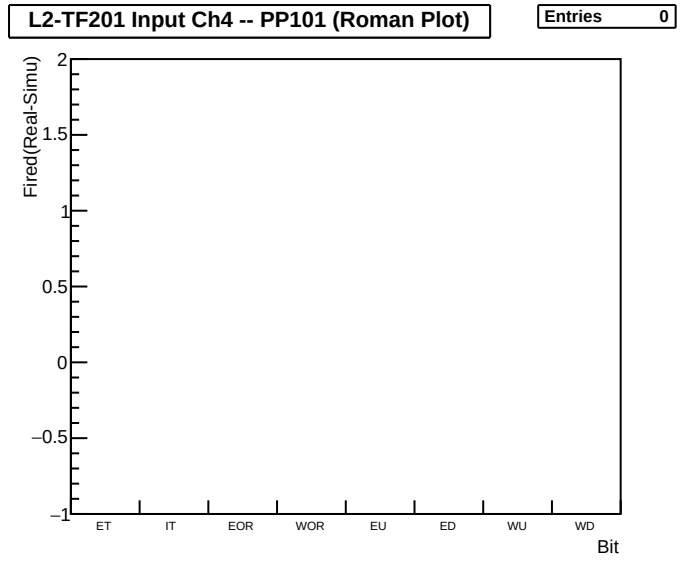

L2-TF201
Entries 946960
TOF total mult

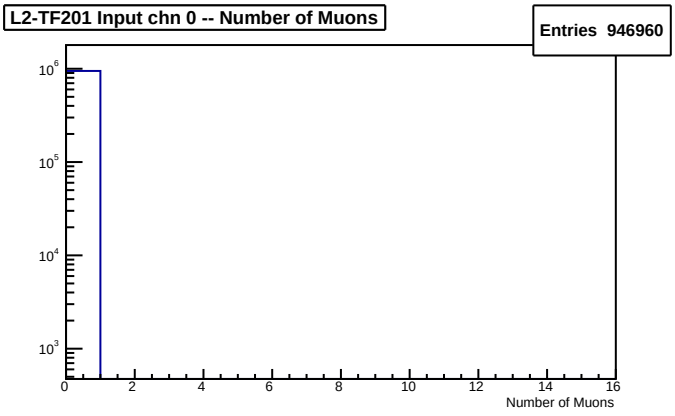

L2-TF201
Entries 0
TOF total mult(Real-Simu)

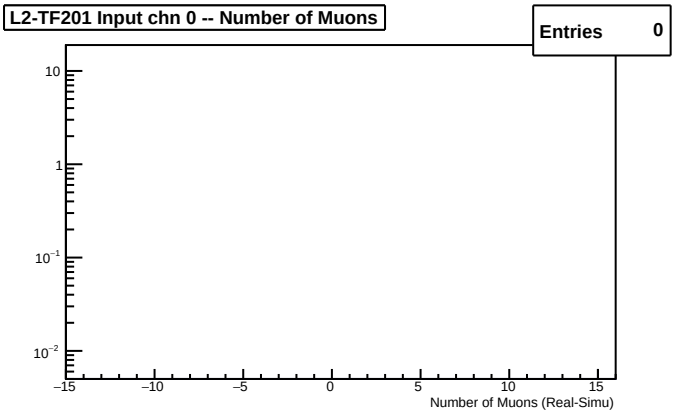

L2-TF201
Entries 6628720
Threshold/UPC bits
714632
730352
685006
711012
716216
701223
775281
232328
216608
261954
235948
230744
245737
171679
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

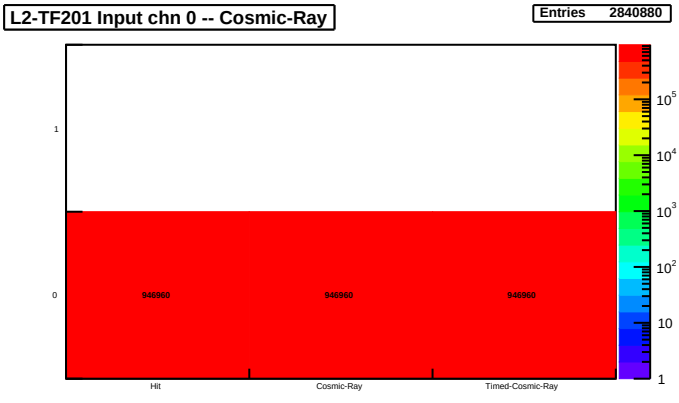

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

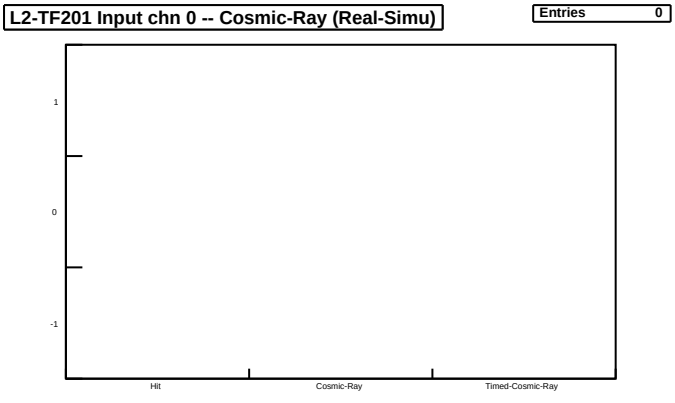

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 7575680
Fired
217528
170722
465039
432961
309982
306963
251036
305339
729432
776238
481921
513999
636978
639997
695924
641621
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

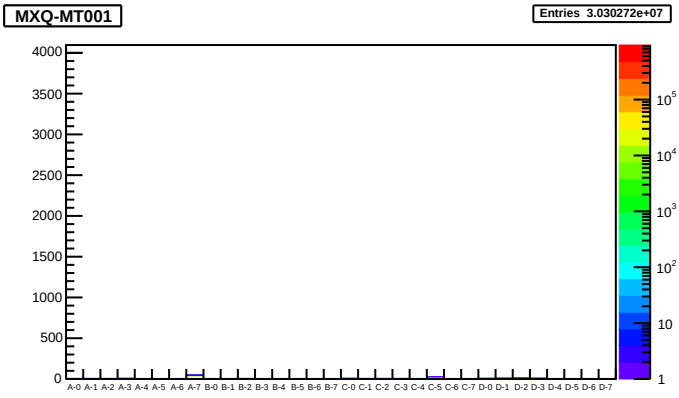

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

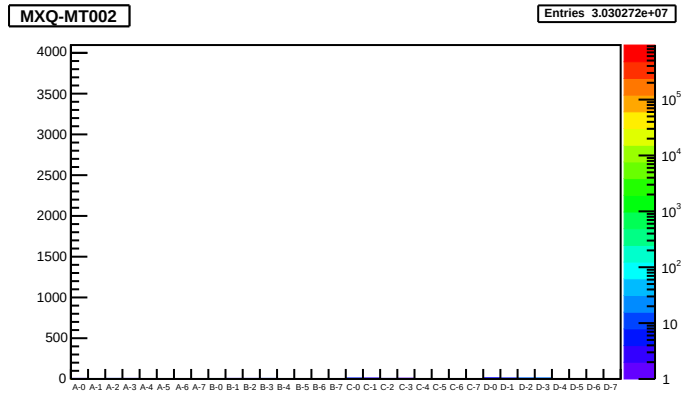

L2-TF201 Input chn 0 -- Number of Muons
Entries 946960
Number of Muons

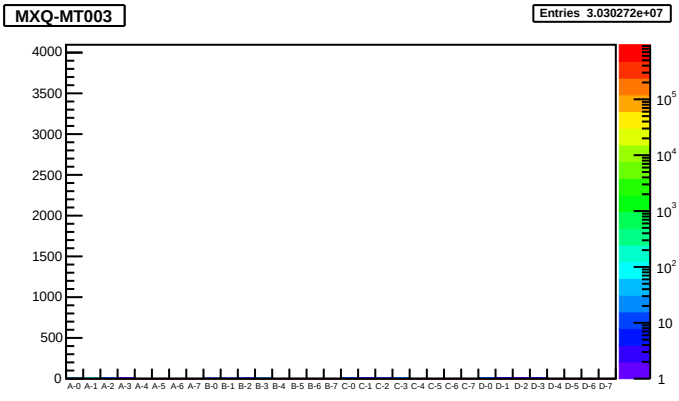

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

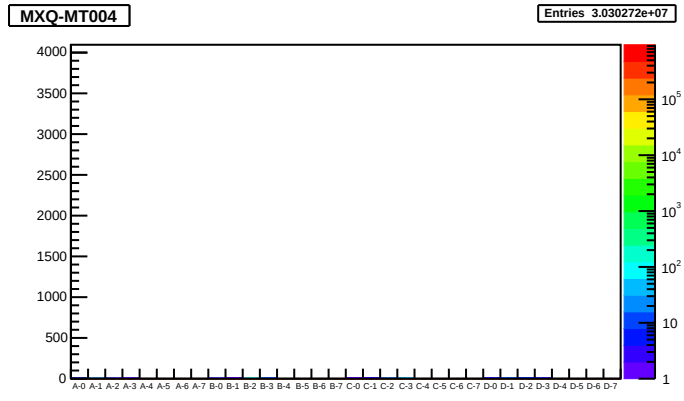

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 2840880
946960
946960
946960
Hit
Cosmic-Ray
Timed-Cosmic-Ray

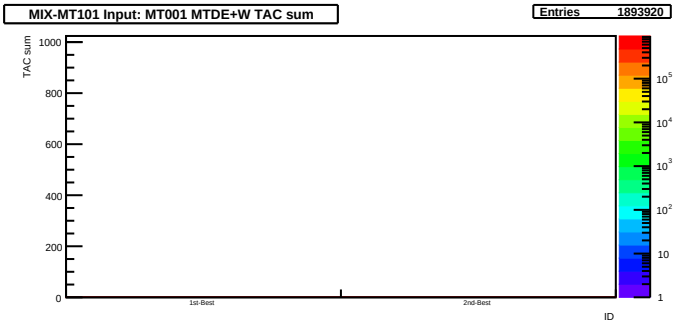

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

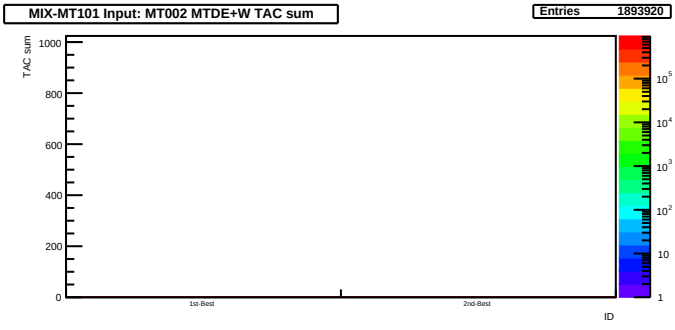

MXQ-MT001
Entries 3.030272e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

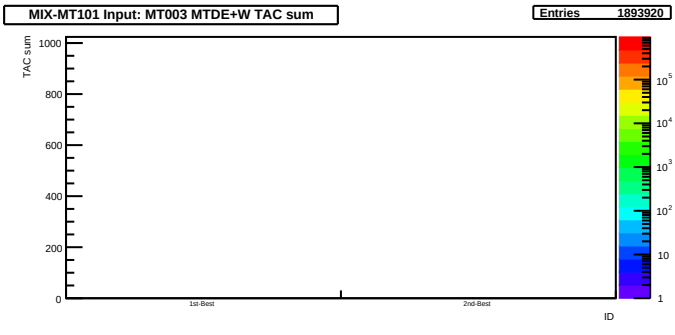

MXQ-MT002
Entries 3.030272e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

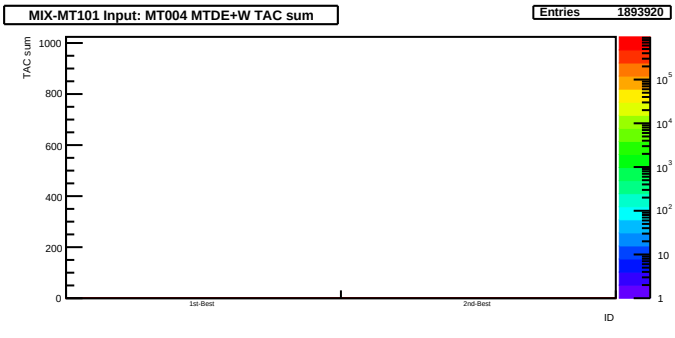

MXQ-MT003
Entries 3.030272e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

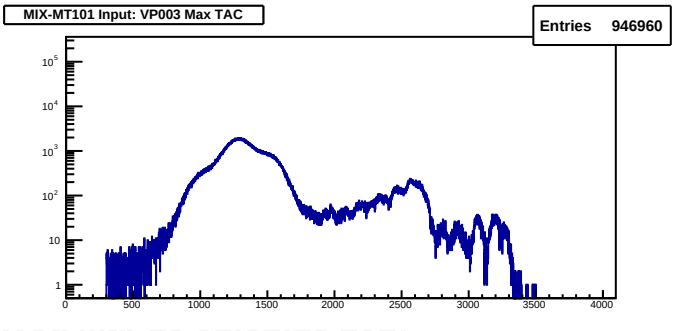

MXQ-MT004
Entries 3.030272e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^5
10^4
10^3
10^2
10
1

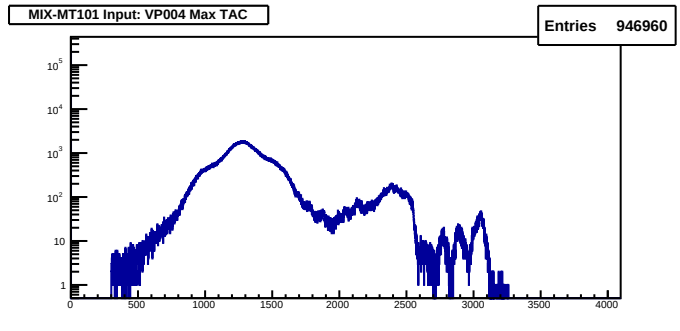

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1893920
TAC sum
1st-Best
2nd-Best
ID

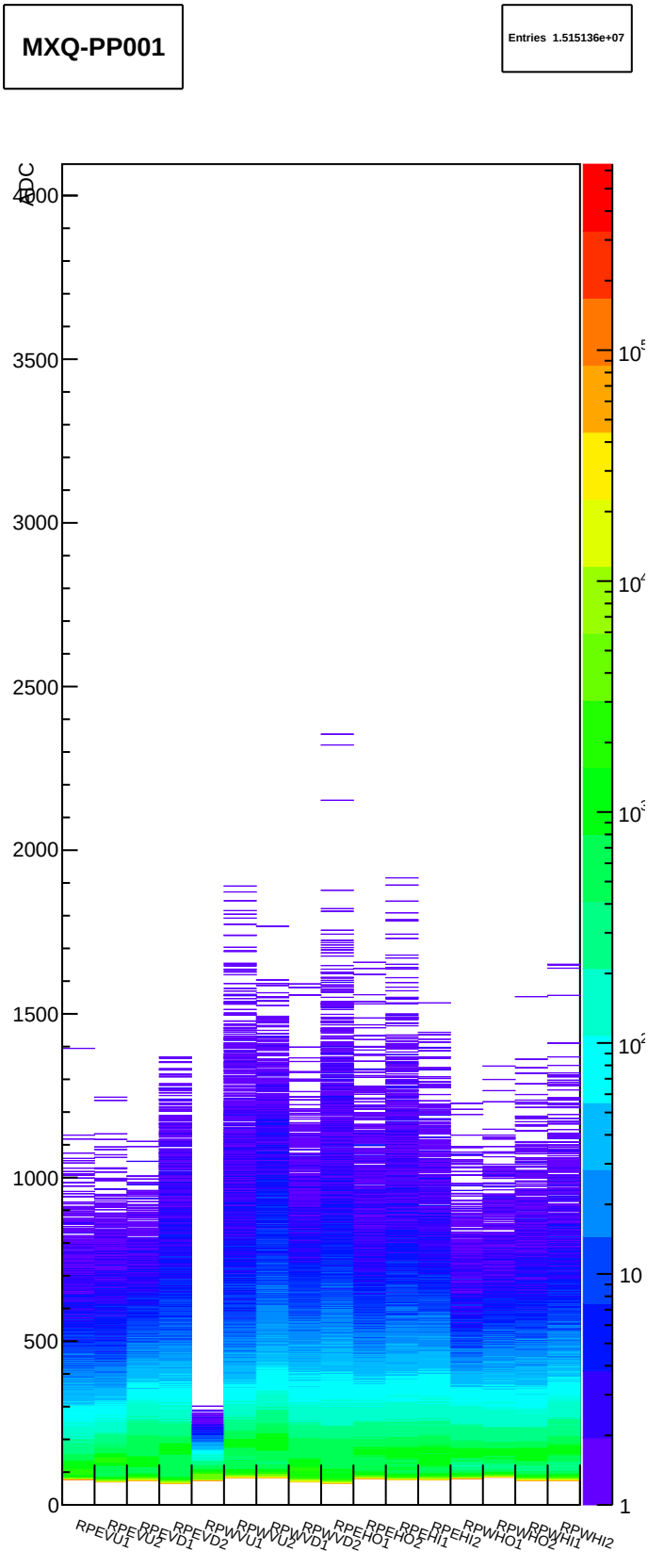

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1893920
TAC sum
1st-Best
2nd-Best
ID

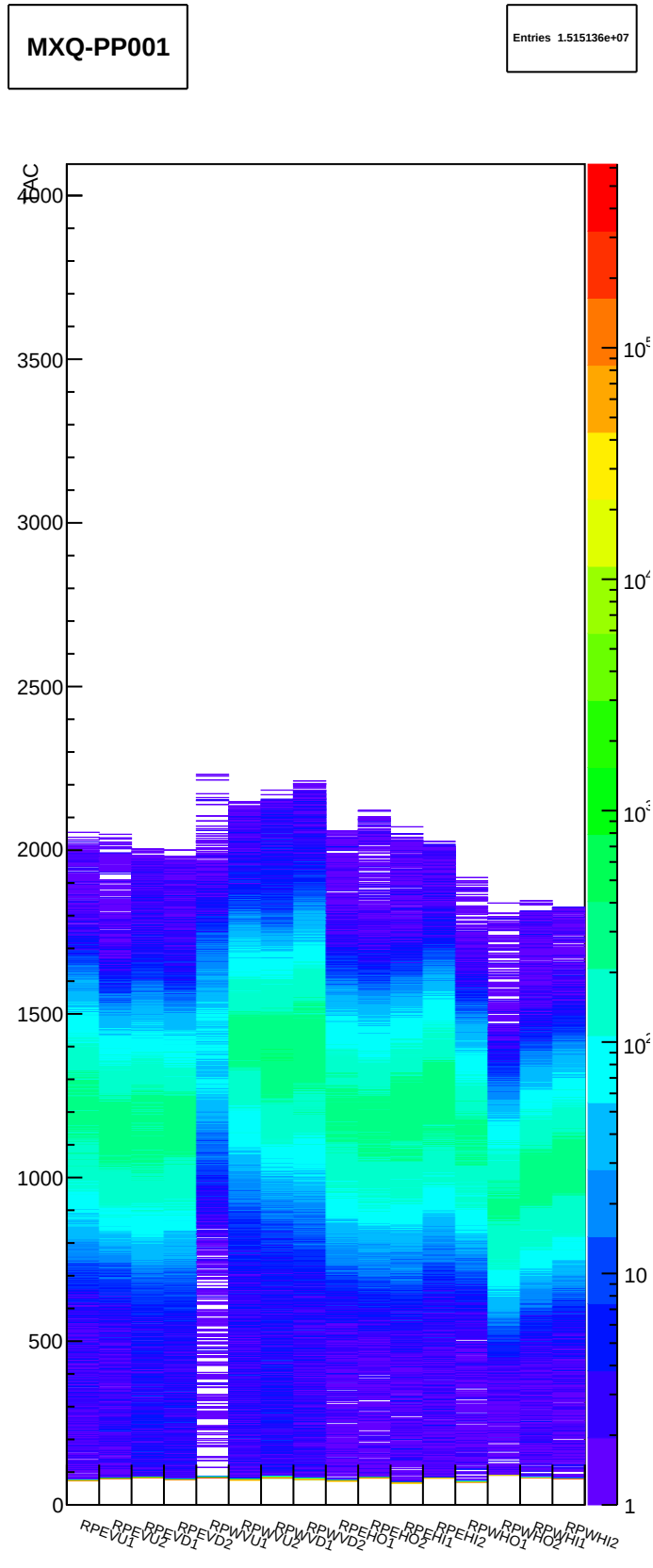

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1893920
TAC sum
1st-Best
2nd-Best
ID

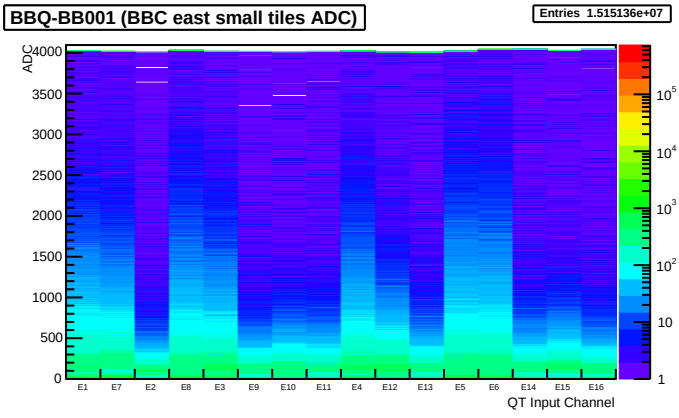

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1893920
TAC sum
1st-Best
2nd-Best
ID

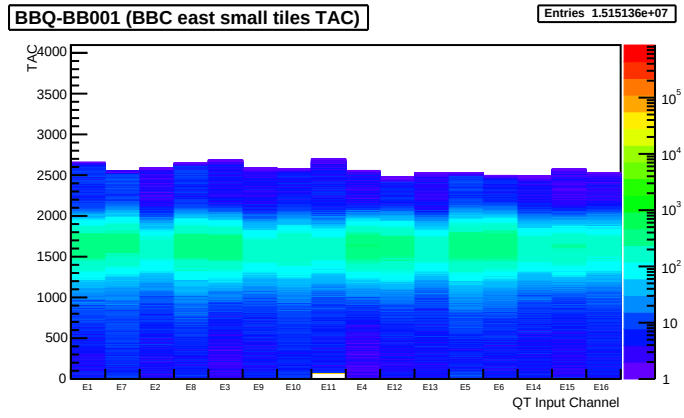

MIX-MT101 Input: VP003 Max TAC
Entries 946960

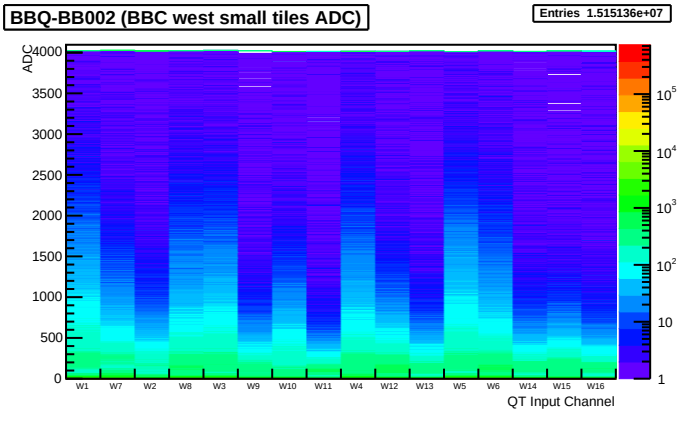

MIX-MT101 Input: VP004 Max TAC
Entries 946960

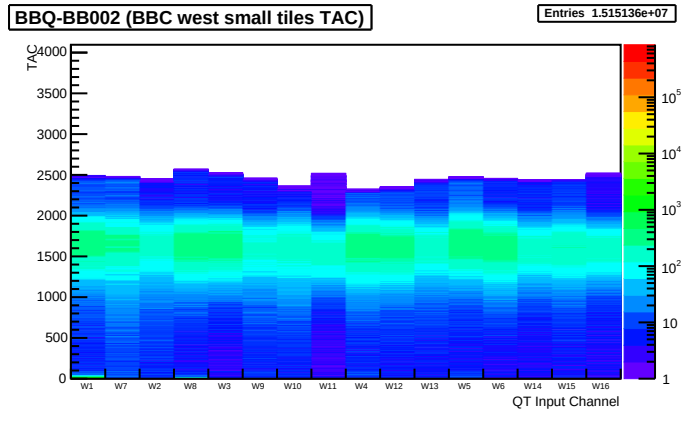

MXQ-PP001
Entries 1.515136e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

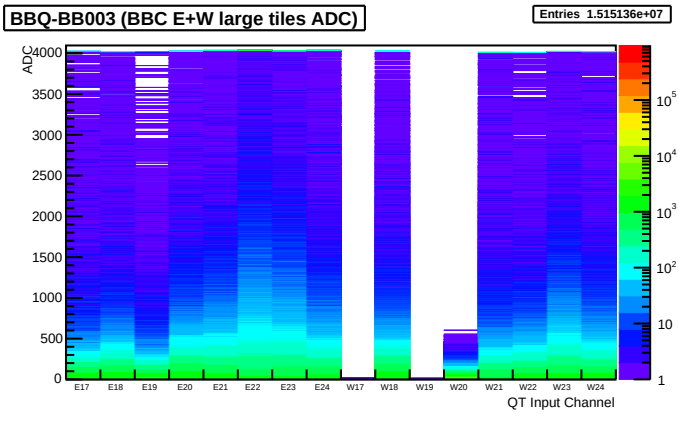

MXQ-PP001
Entries 1.515136e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

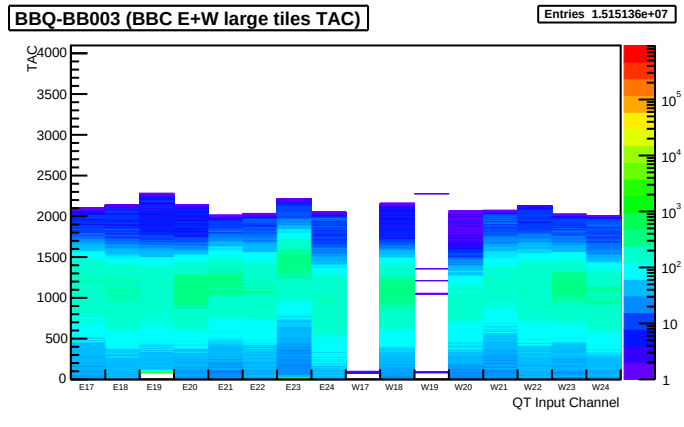

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.515136e+07
ADC
QT Input Channel

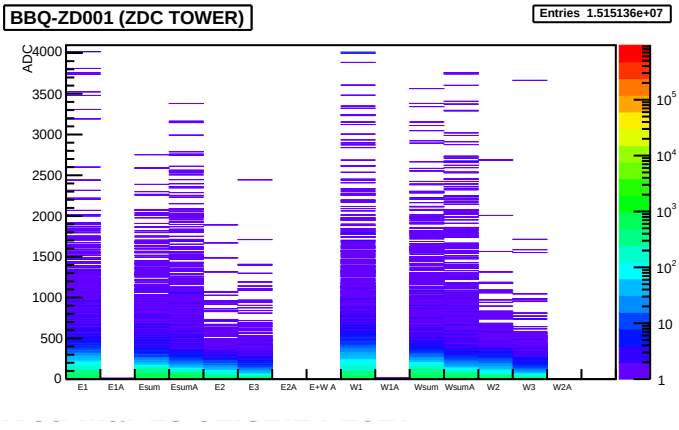

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.515136e+07
TAC
QT Input Channel

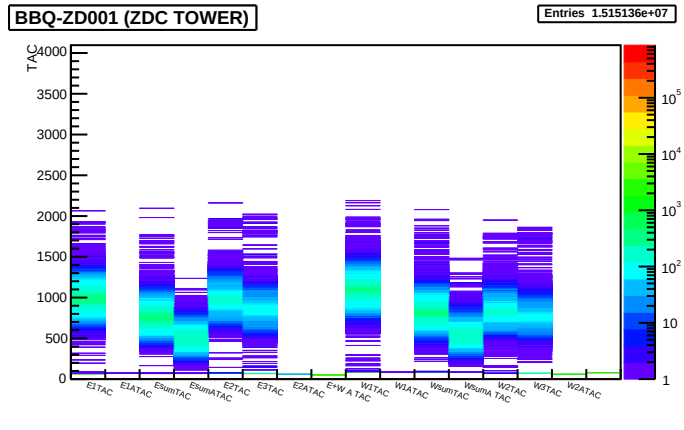

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.515136e+07
ADC
QT Input Channel

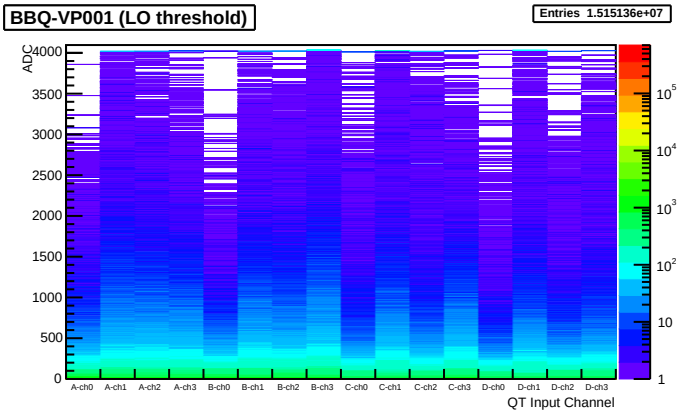

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.515136e+07
TAC
QT Input Channel

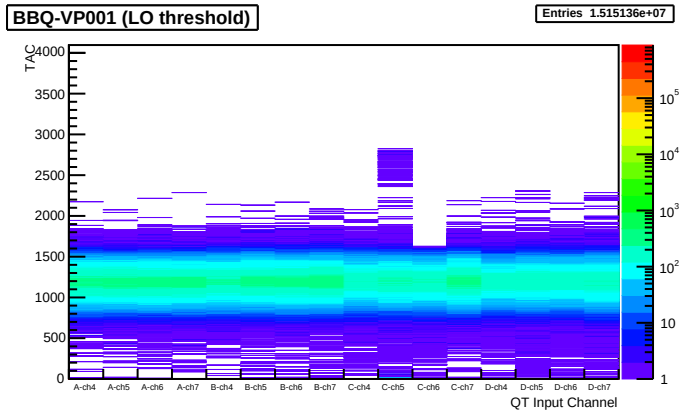

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.515136e+07
ADC
QT Input Channel

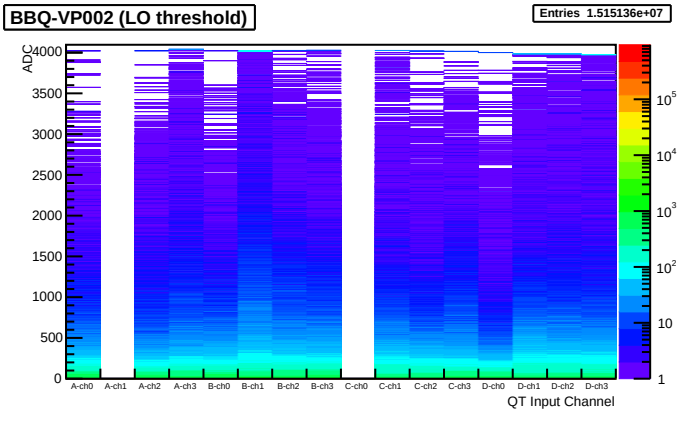

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.515136e+07
TAC
QT Input Channel

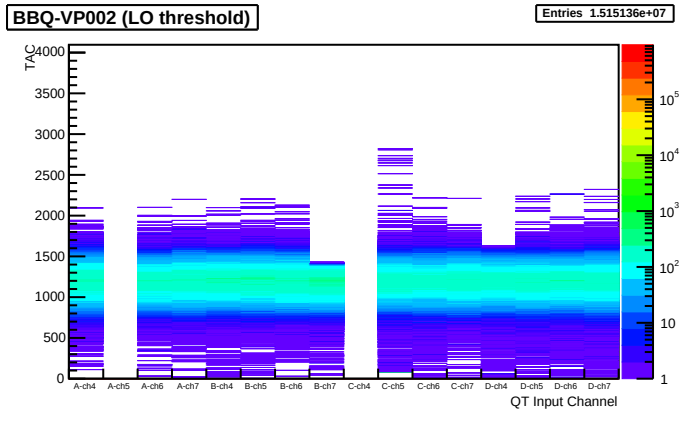

BBQ-ZD001 (ZDC TOWER)
Entries 1.515136e+07
ADC

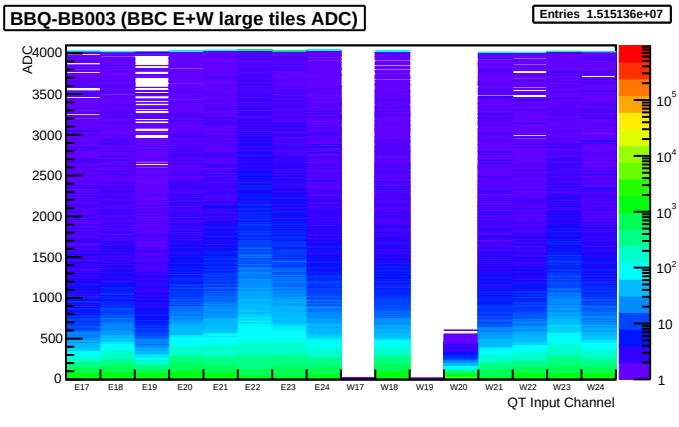

BBQ-ZD001 (ZDC TOWER)
Entries 1.515136e+07
TAC

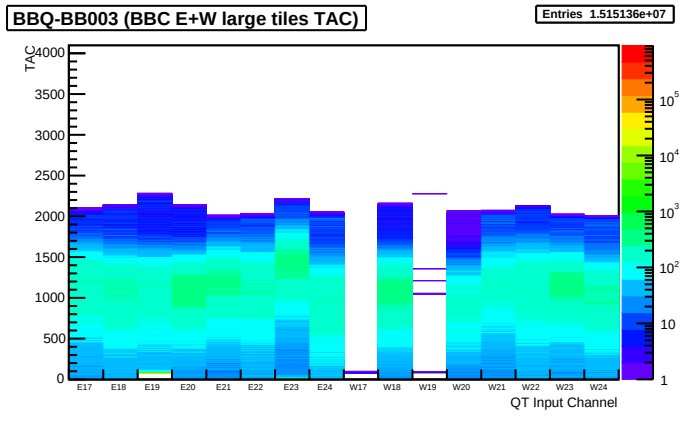

BBQ-VP001 (LO threshold)
Entries 1.515136e+07
ADC
QT Input Channel

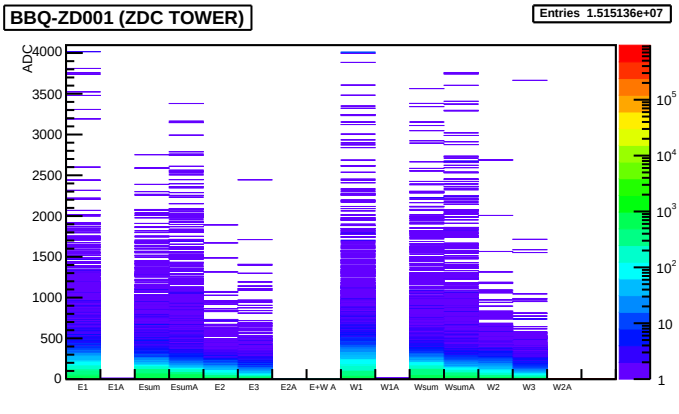

BBQ-VP001 (LO threshold)
Entries 1.515136e+07
TAC
QT Input Channel

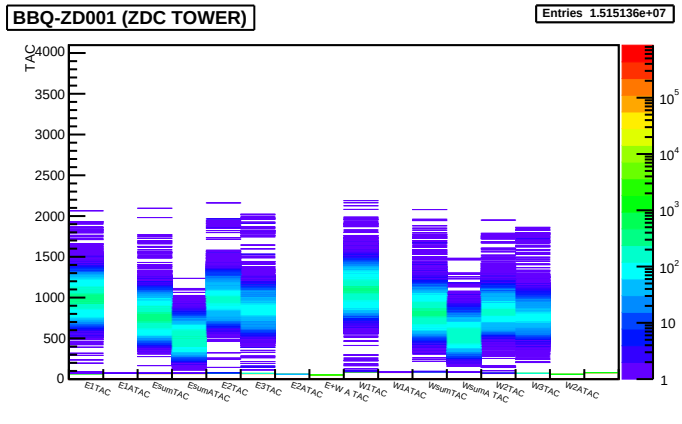

BBQ-VP002 (LO threshold)
Entries 1.515136e+07
ADC
QT Input Channel

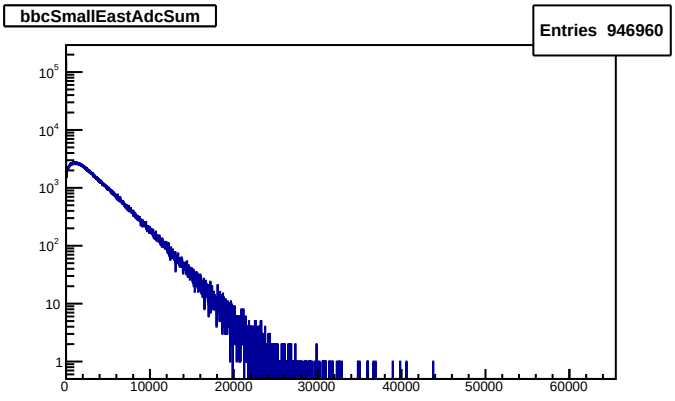

BBQ-VP002 (LO threshold)
Entries 1.515136e+07
TAC
QT Input Channel

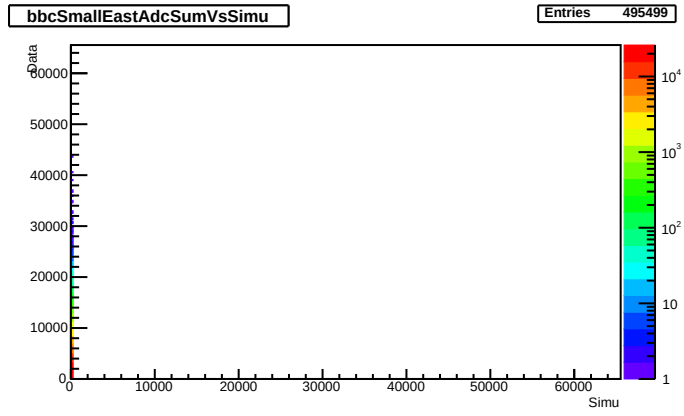

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1.515136e+07
ADC
QT Input Channel

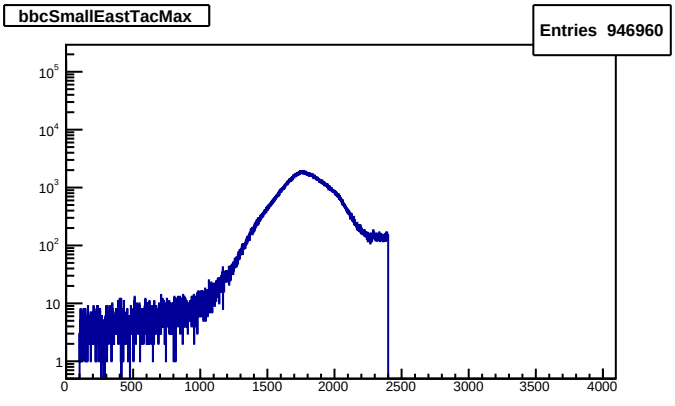

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1.515136e+07
TAC
QT Input Channel

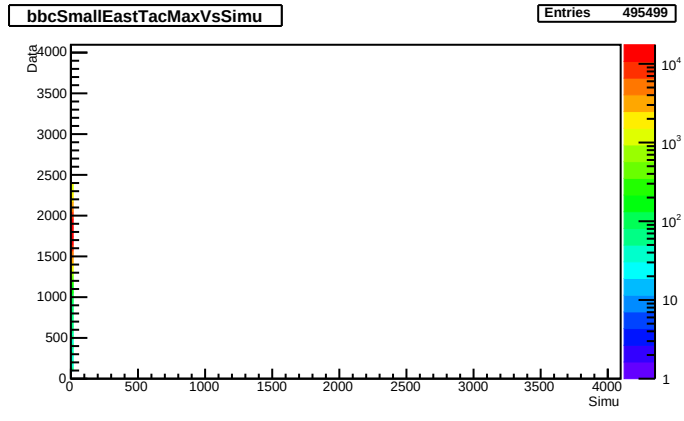

BBQ-ZD001 (ZDC TOWER)
Entries 1.515136e+07
ADC

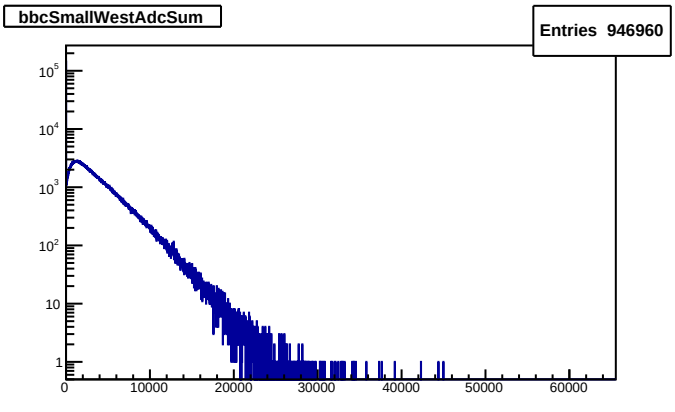

BBQ-ZD001 (ZDC TOWER)
Entries 1.515136e+07
TAC

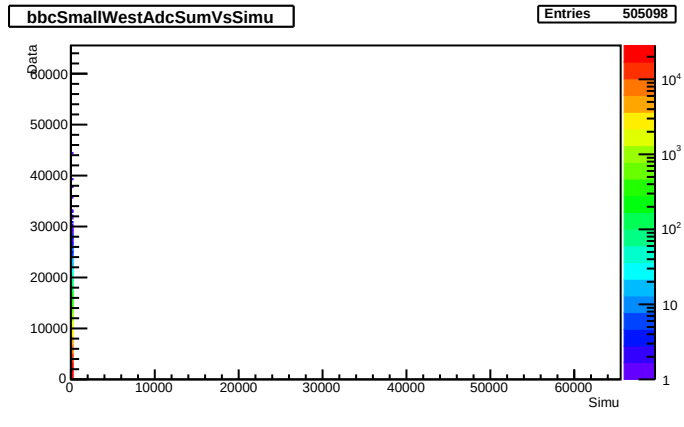

bbcSmallEastAdcSum
Entries 946960

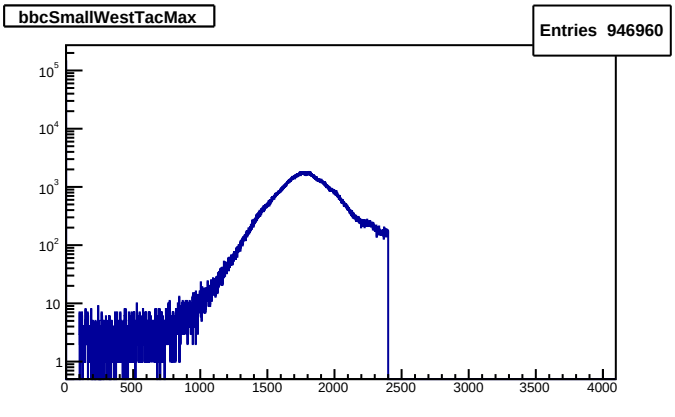

bbcSmallEastAdcSumVsSimu
Entries 495499
Data
Simu

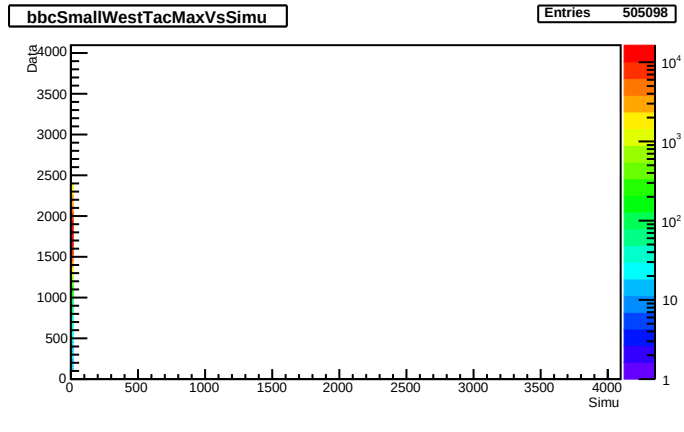

bbcSmallEastTacMax
Entries 946960

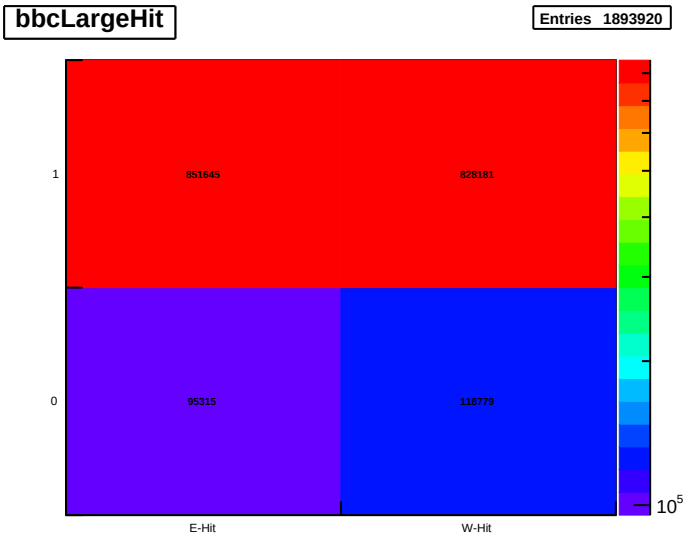

bbcSmallEastTacMaxVsSimu
Entries 495499
Data
Simu

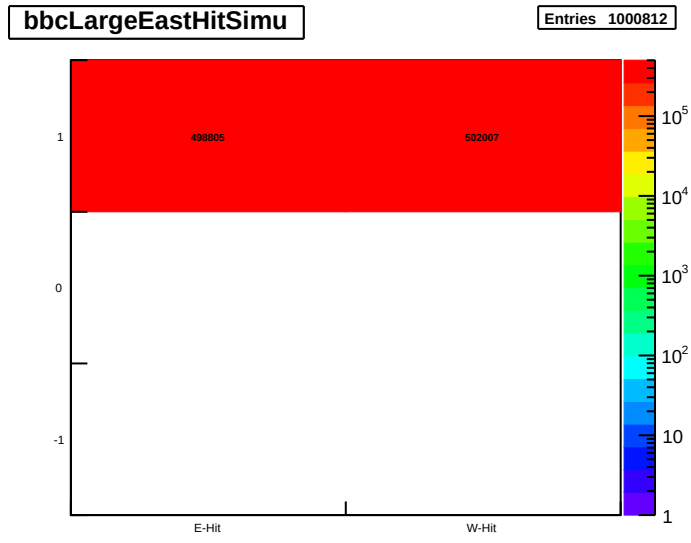

bbcSmallWestAdcSum
Entries 946960

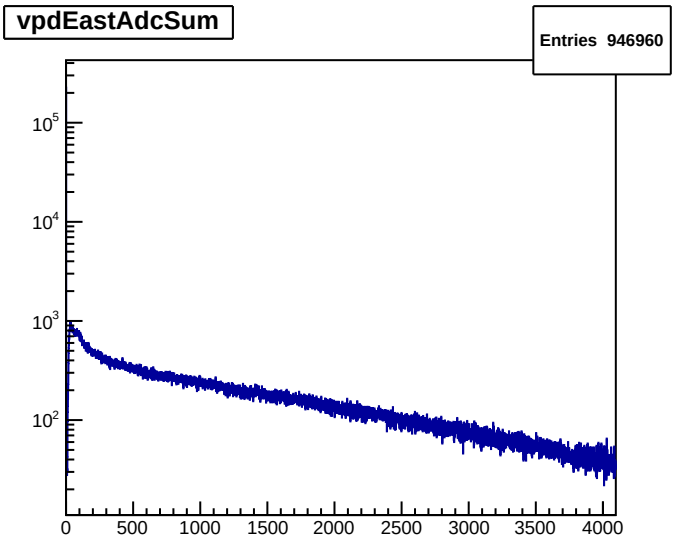

bbcSmallWestAdcSumVsSimu
Entries 505098
Data
Simu

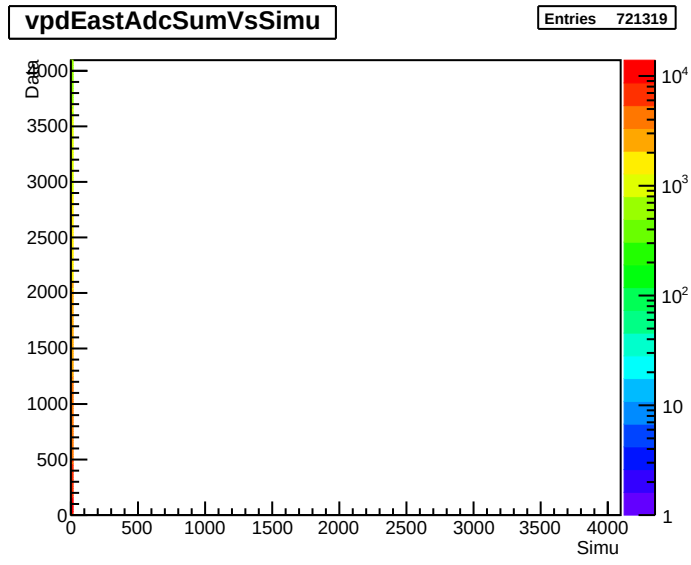

bbcSmallWestTacMax
Entries 946960

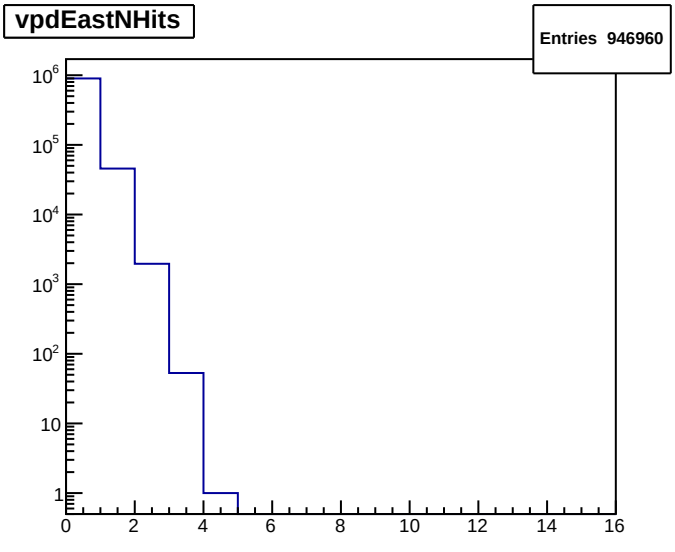

bbcSmallWestTacMaxVsSimu
Entries 505098
Data
Simu

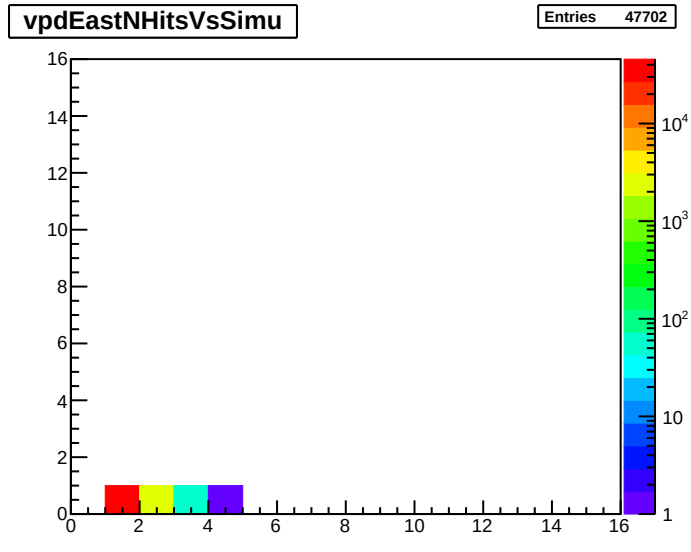

bbcLargeHit
Entries 1893920
1
0
851645
828181
95315
118779
E-Hit
W-Hit
10^5

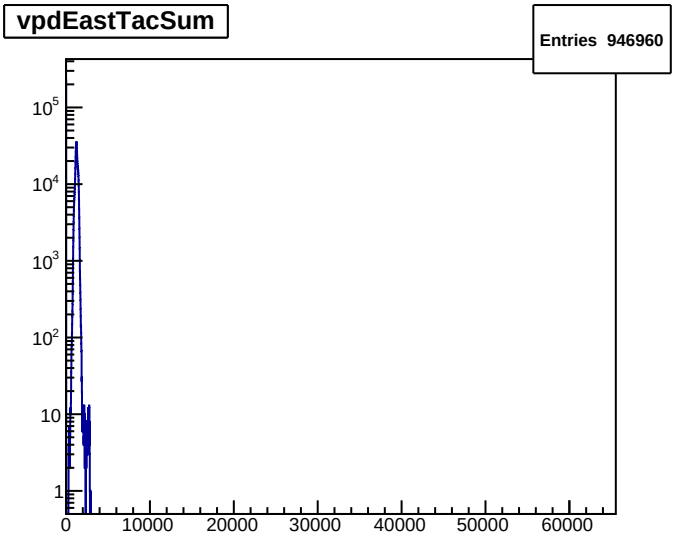

bbcLargeEastHitSimu
Entries 1000812
1
0
-1
498805
502007
E-Hit
W-Hit
10^5
10^4
10^3
10^2
10
1

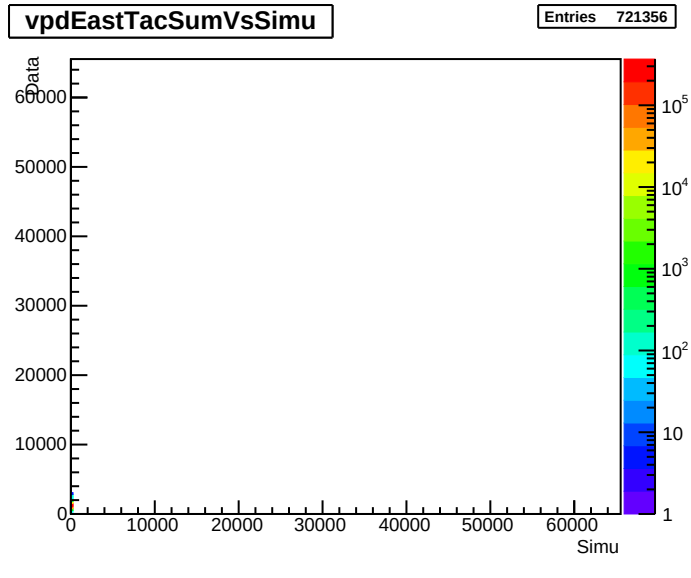

vpdEastAdcSum
Entries 946960

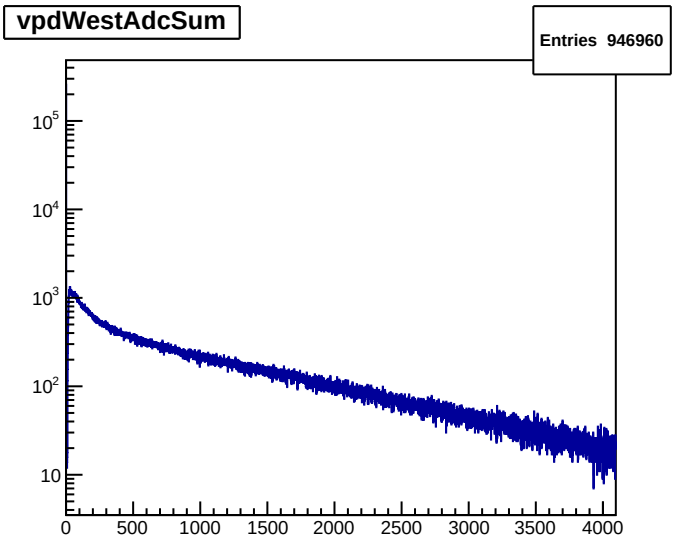

vpdEastAdcSumVsSimu
Entries 721319
Data
Simu

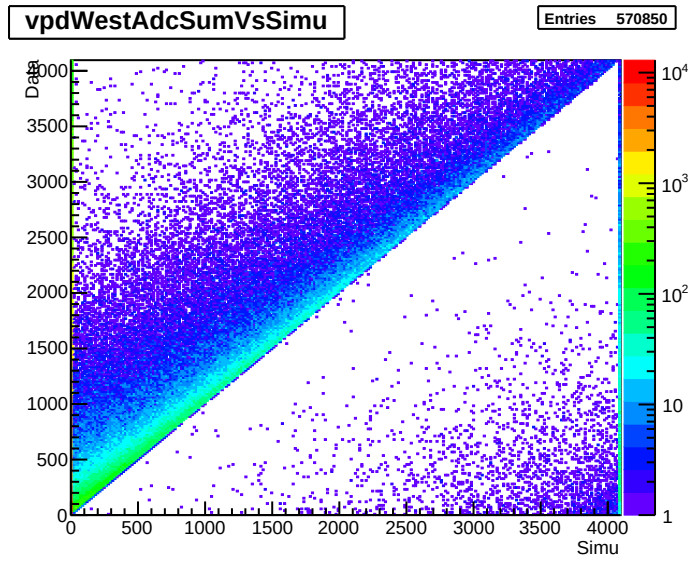

vpdEastNHits
Entries 946960

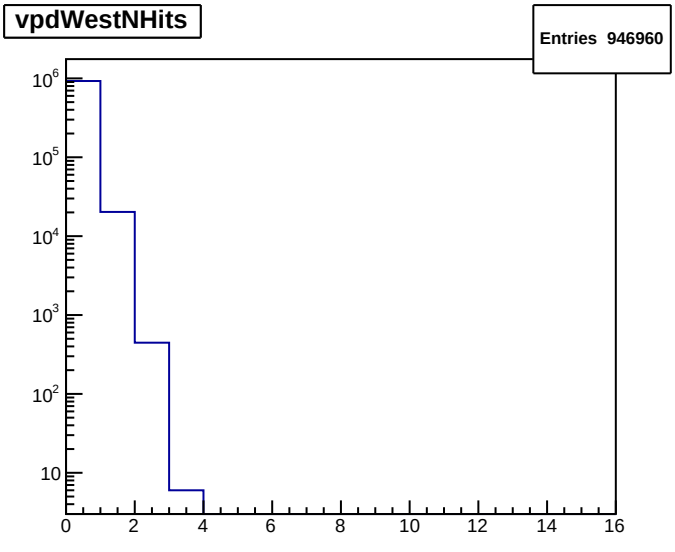

vpdEastNHitsVsSimu
Entries 47702

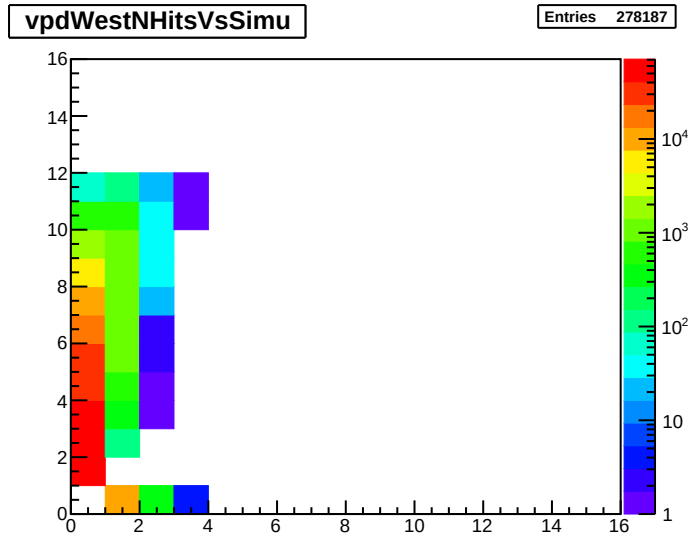

vpdEastTacSum
Entries 946960

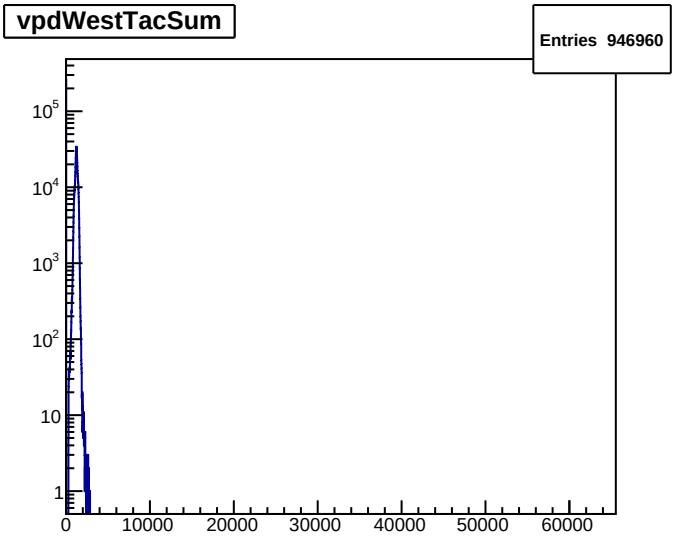

vpdEastTacSumVsSimu
Entries 721356
Data
Simu

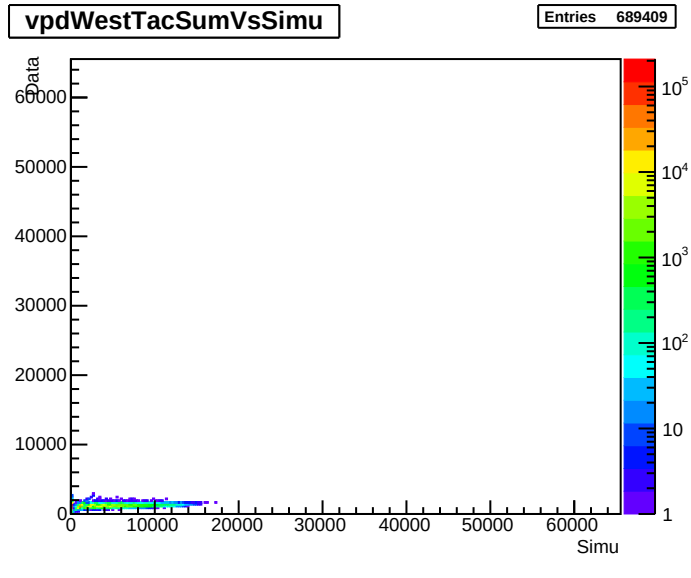

vpdWestAdcSum
Entries 946960

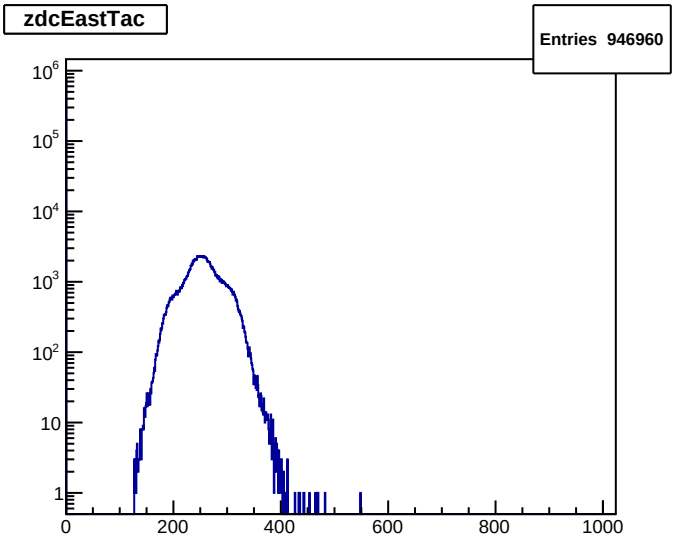

vpdWestAdcSumVsSimu
Entries 570850
Data
Simu

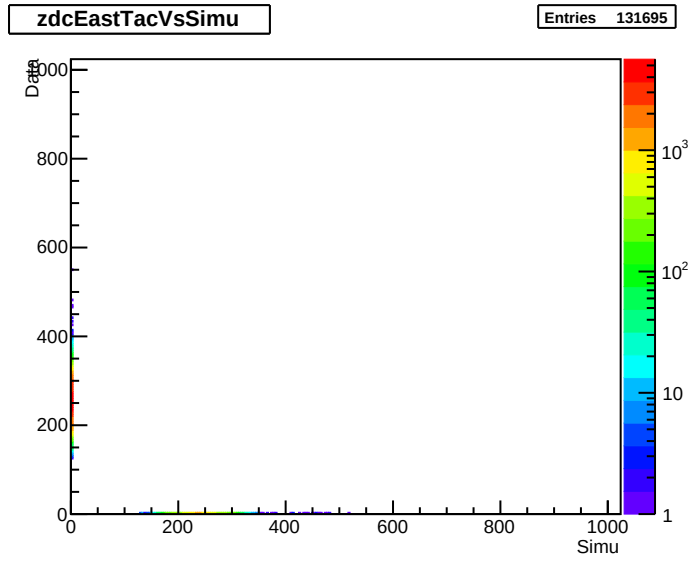

vpdWestNHits
Entries 946960

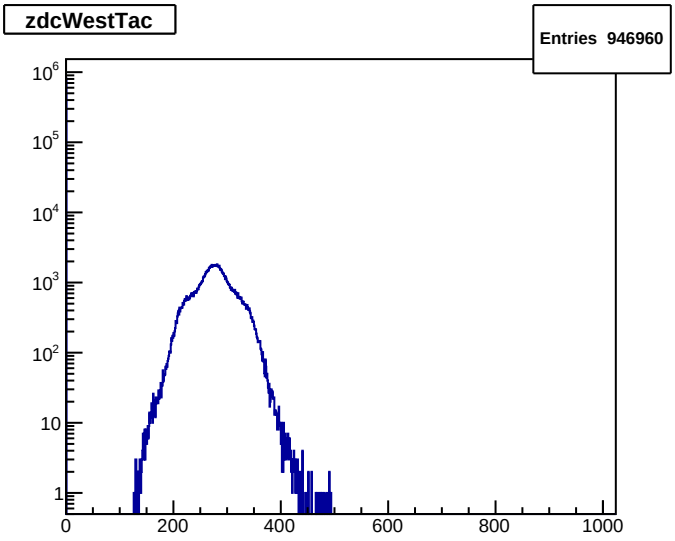

vpdWestNHitsVsSimu
Entries 278187

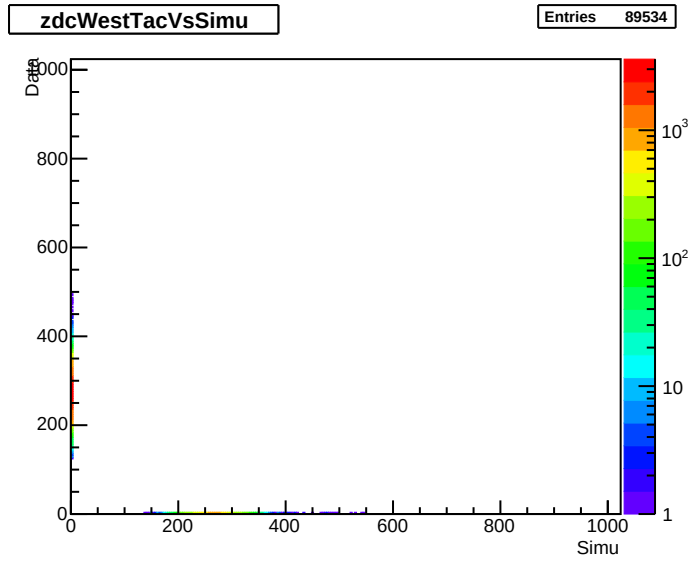

vpdWestTacSum
Entries 946960

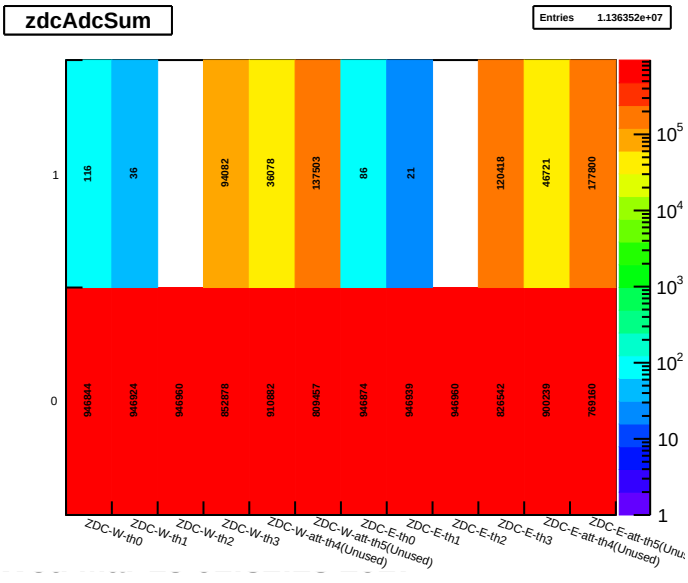

vpdWestTacSumVsSimu
Entries 689409
Data
Simu

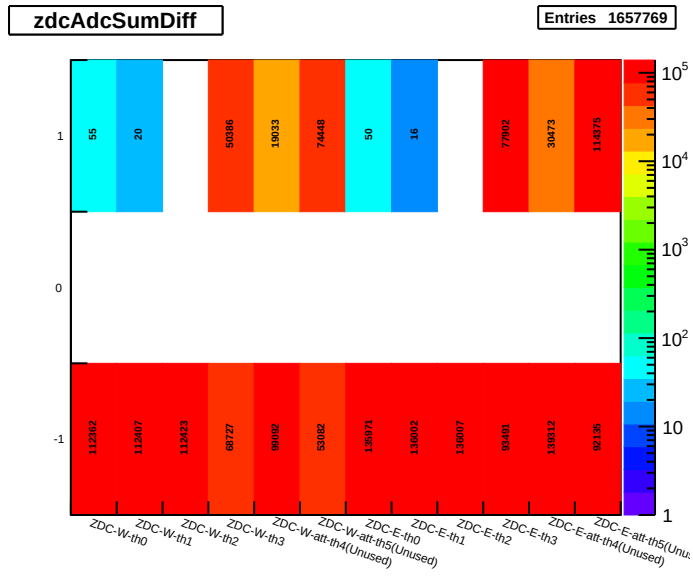

zdcEastTac
Entries 946960

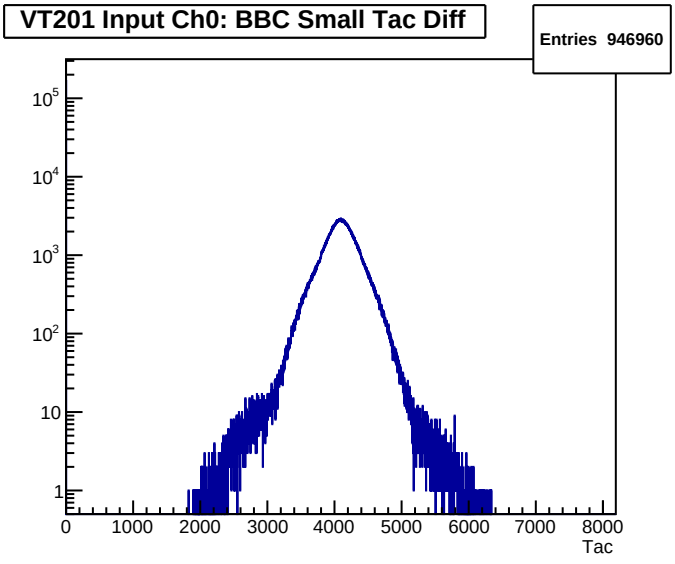

zdcEastTacVsSimu
Entries 131695
Data
Simu

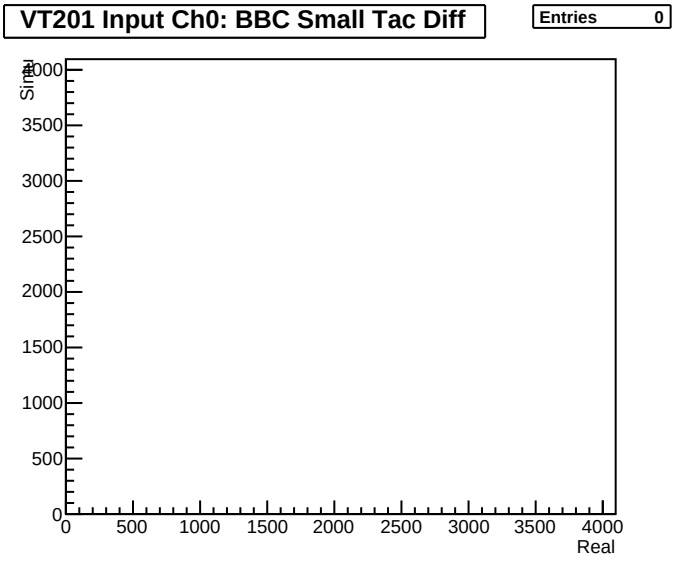

zdcWestTac
Entries 946960

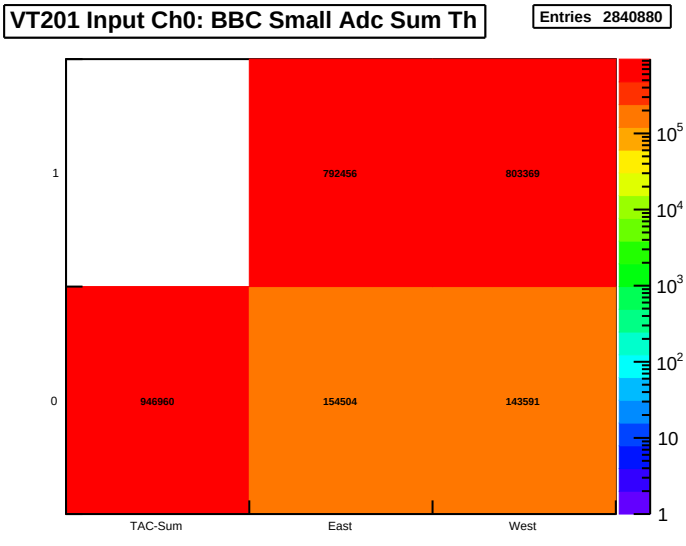

zdcWestTacVsSimu
Entries 89534
Data
Simu

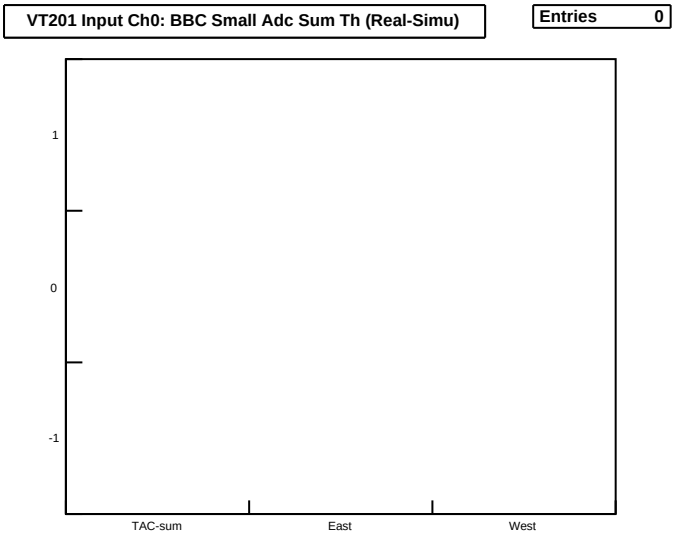

zdcAdcSum
Entries 1.136352e+07
116
36
94082
36078
137503
86
21
120418
46721
177800
946844
946924
946960
852878
910882
809457
946874
946939
946960
826542
900239
769160
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

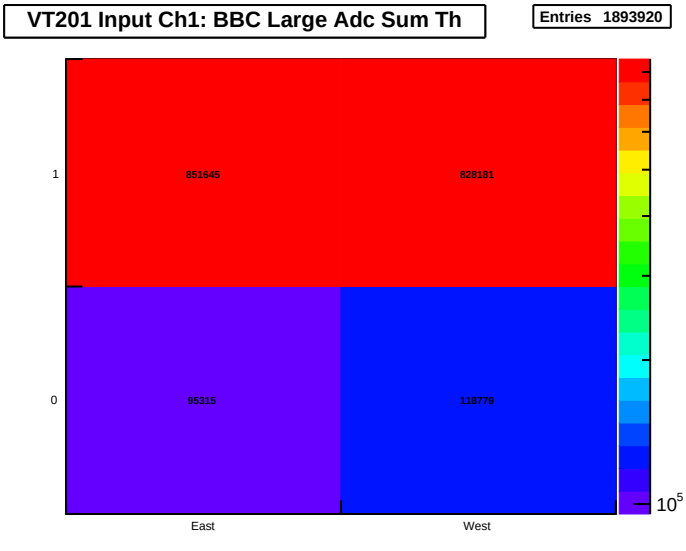

zdcAdcSumDiff
Entries 1657769
55
20
50386
19033
74448
50
16
77802
30473
114375
112362
112407
112423
68727
99092
53082
135971
136002
136007
93491
133312
92135
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

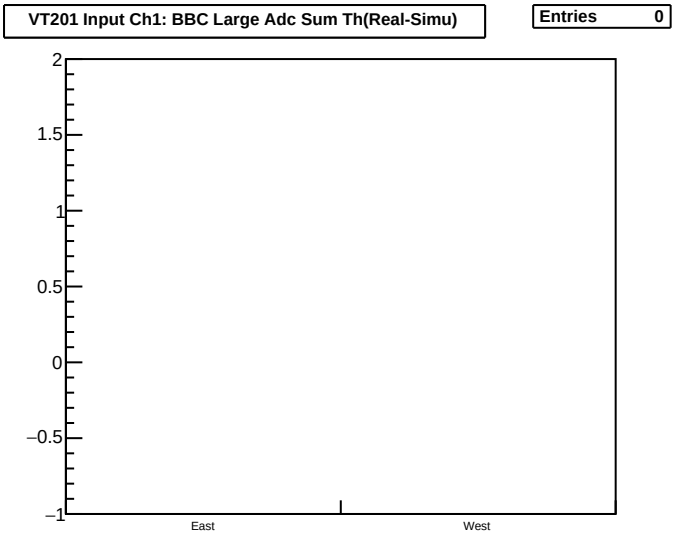

VT201 Input Ch0: BBC Small Tac Diff
Entries 946960
Tac


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

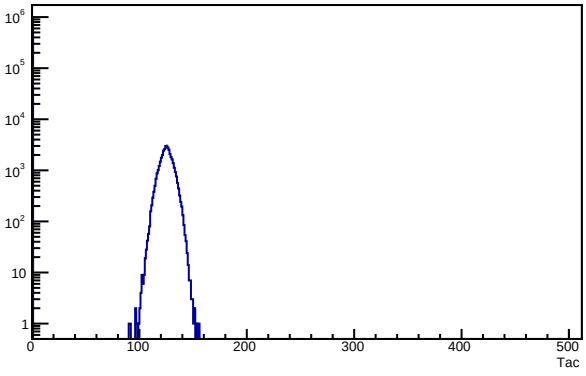

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2840880
792456
803369
946960
154504
143591
TAC-Sum
East
West


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

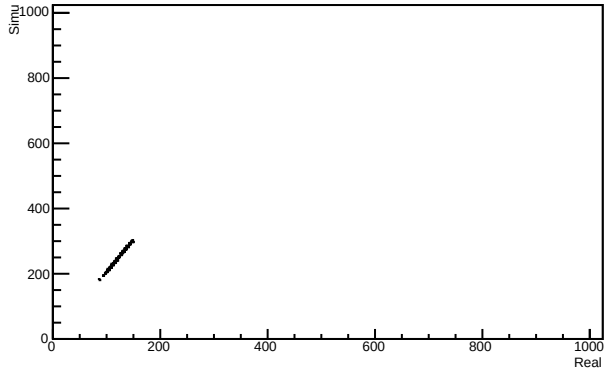

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1893920
851645
828181
95315
118779
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

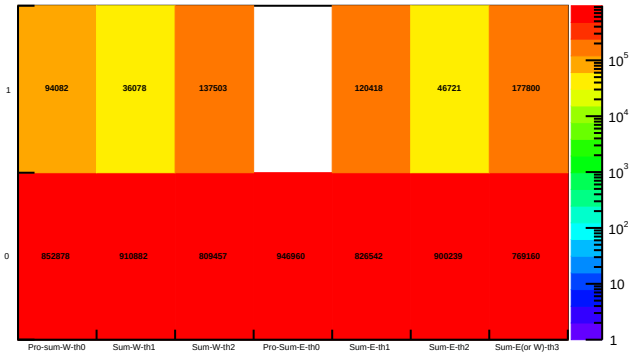
VT201 Input Ch2: ZDC Tac Diff



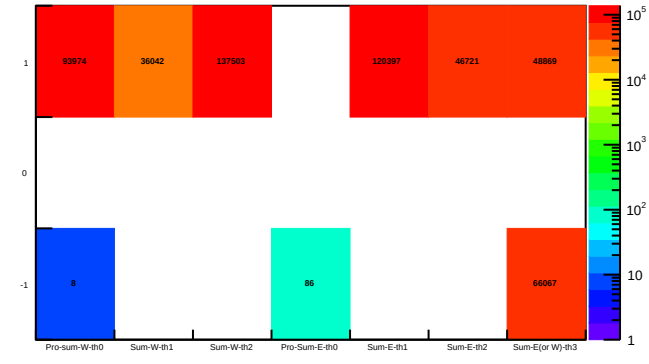
VT201 Input Ch2: ZDC Tac Diff



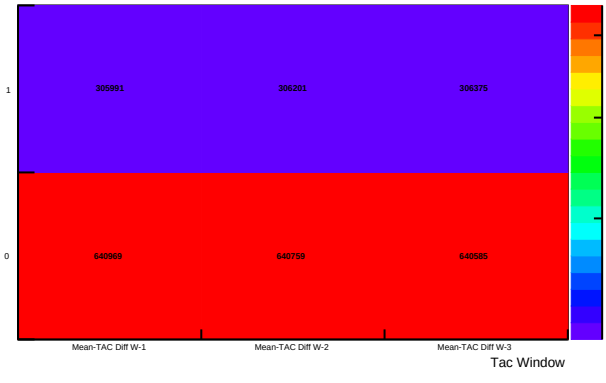
VT201 Input Ch2: ZDC Adc Sum Th



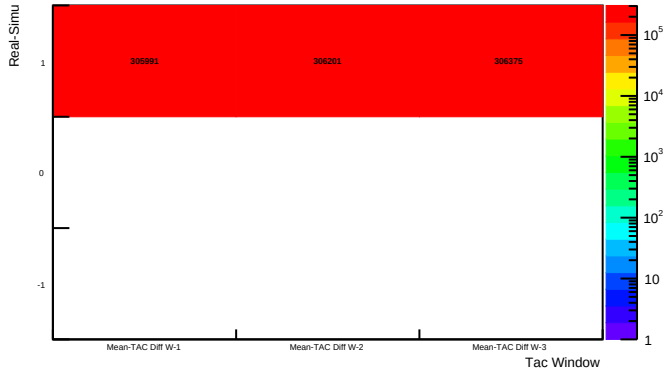
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



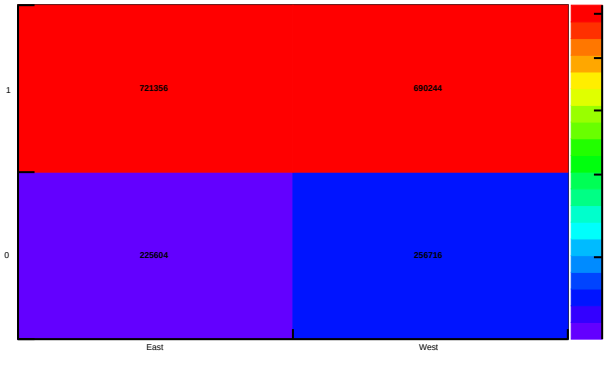
VT201 Input Ch4: VPD Tac Diff



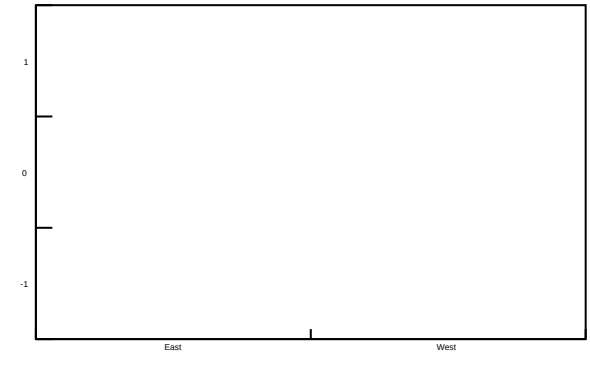
VT201 Input Ch4: VPD Tac Diff

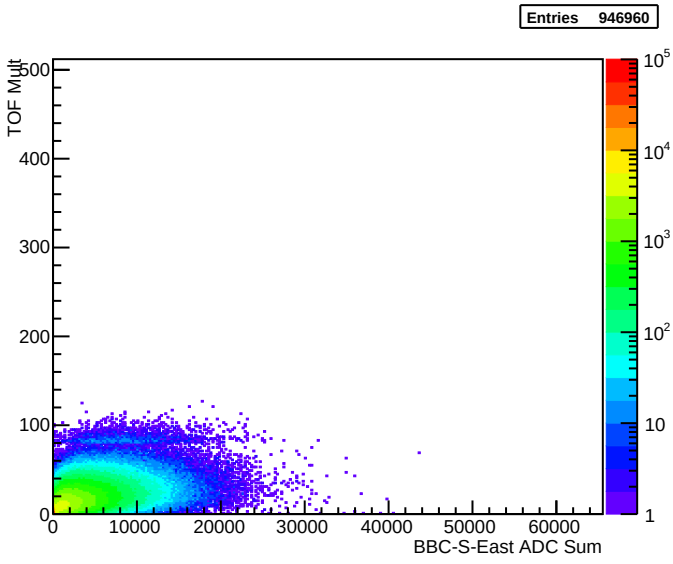


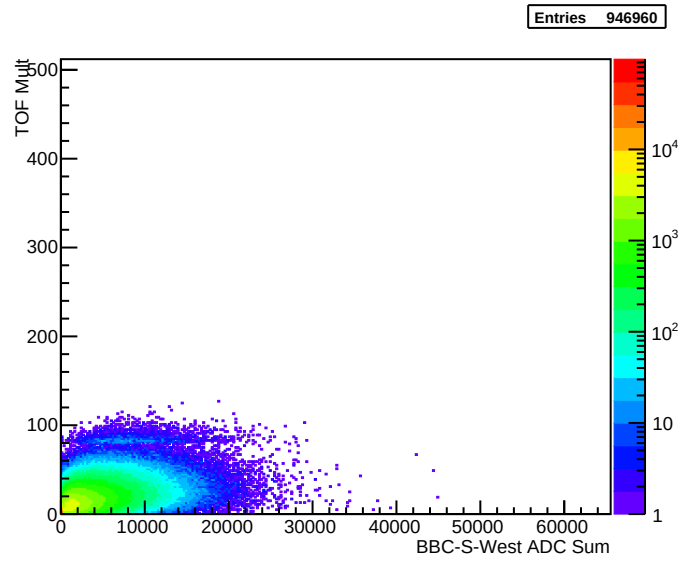
VT201 Input Ch4: VPD Adc Sum Th

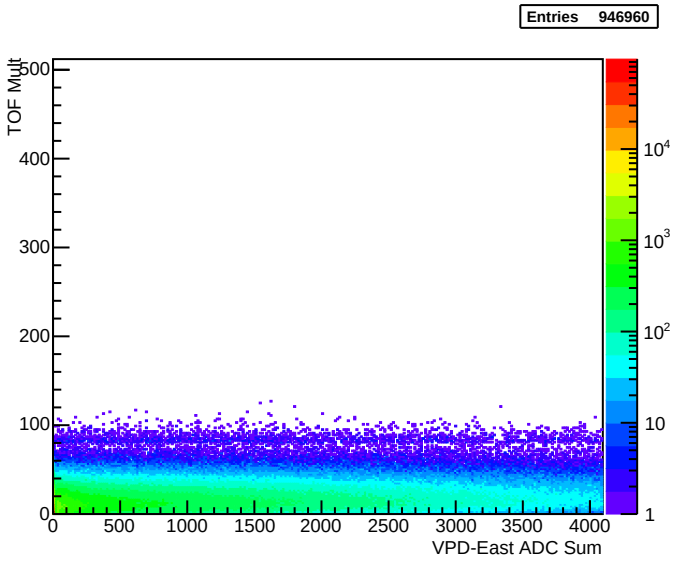


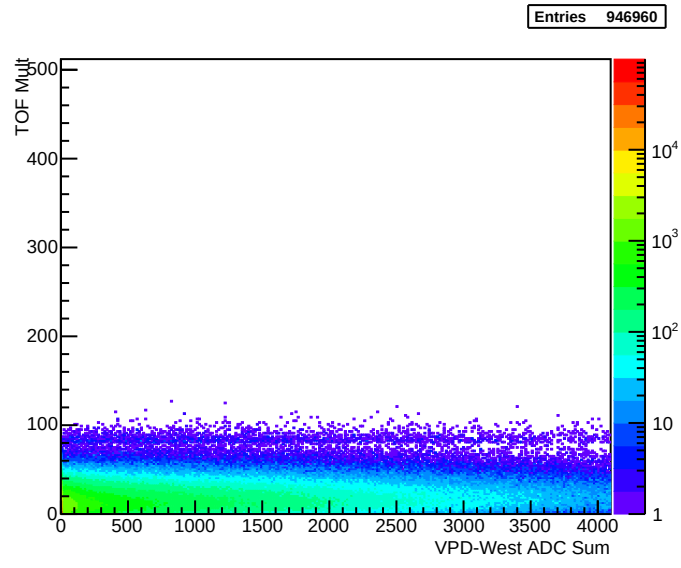
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

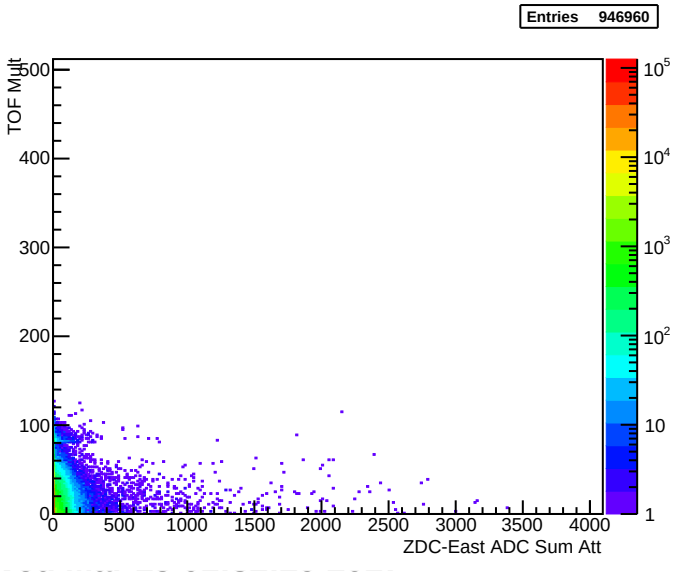


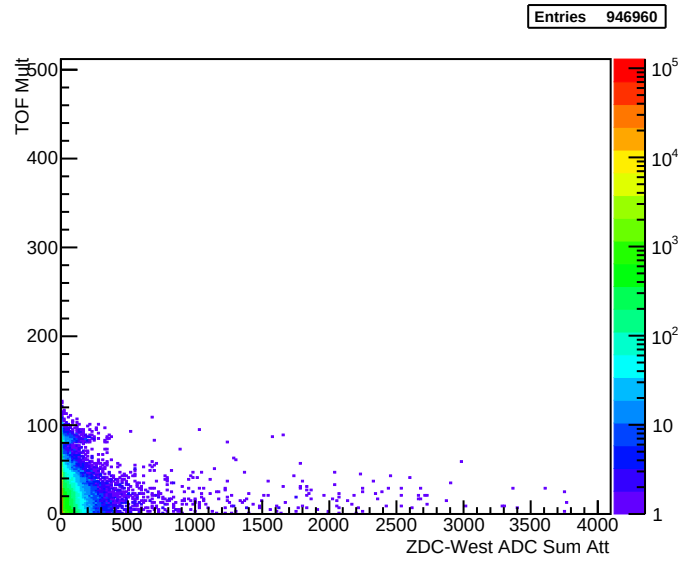

Entries 946960
TOF Mult
BBC-S-East ADC Sum

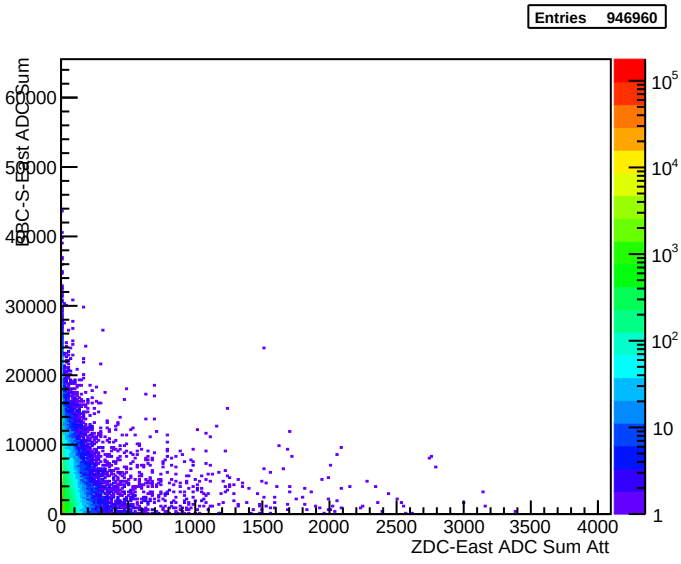

Entries 946960
TOF Mult
BBC-S-West ADC Sum

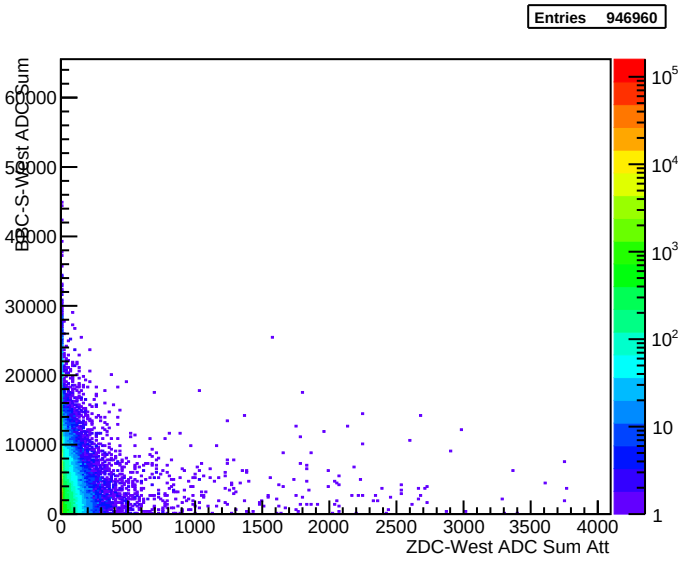

Entries 946960
TOF Mult
VPD-East ADC Sum

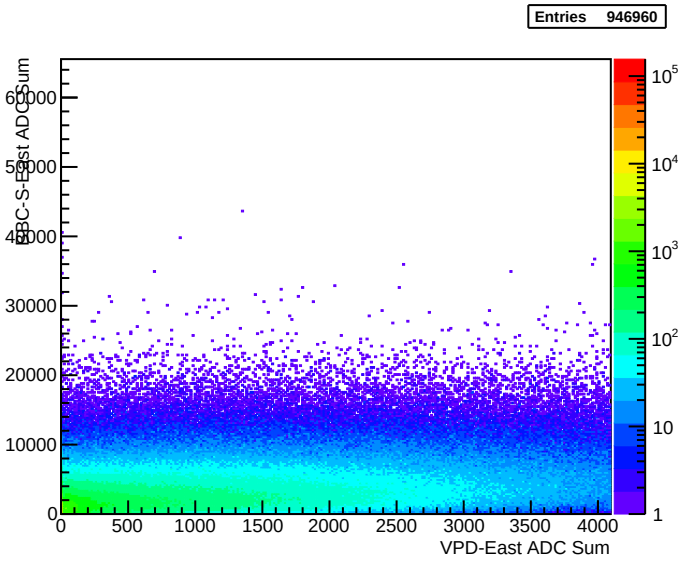

Entries 946960
TOF Mult
VPD-West ADC Sum

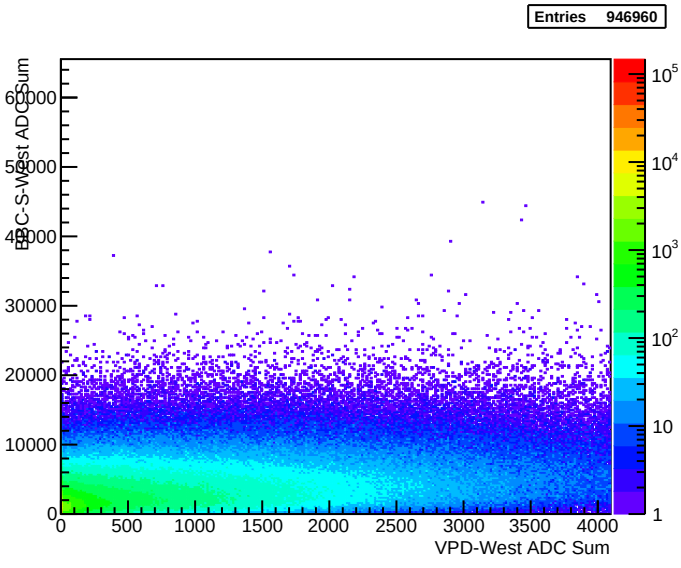

Entries 946960
TOF Mult
ZDC-East ADC Sum Att

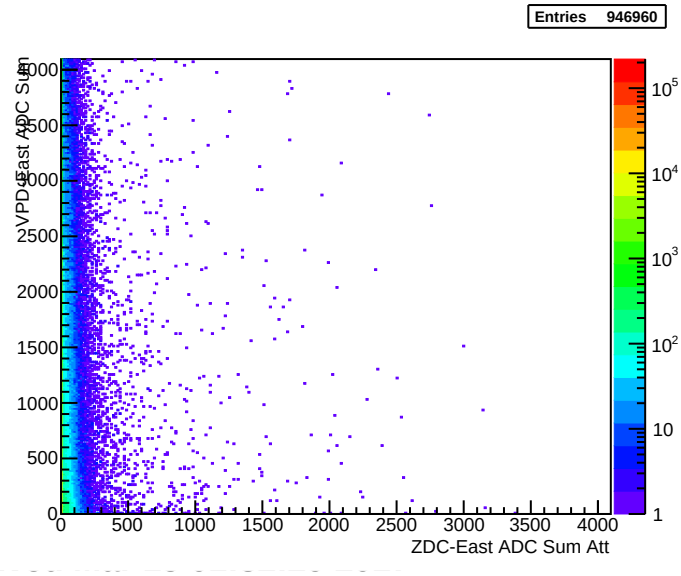

Entries 946960
TOF Mult
ZDC-West ADC Sum Att

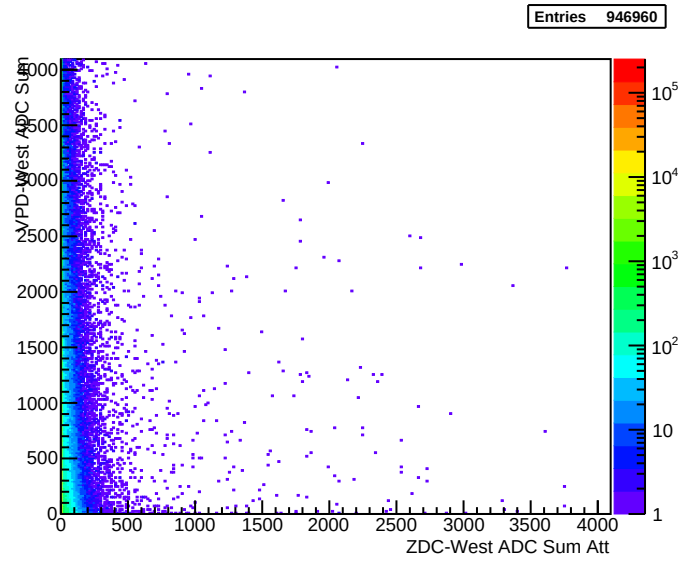

Entries 946960
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

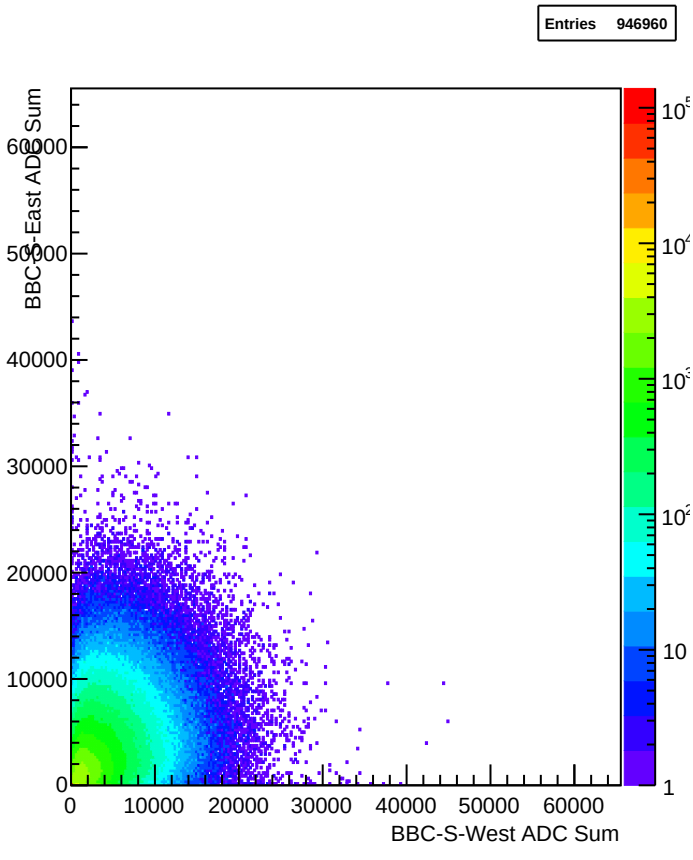

Entries 946960
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

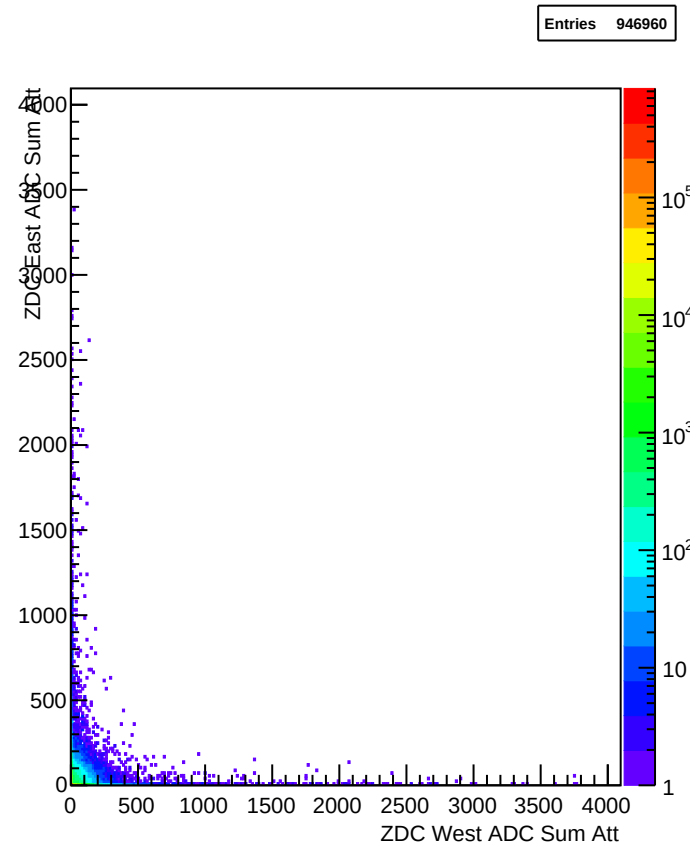

Entries 946960
BBC-S-East ADC Sum
VPD-East ADC Sum

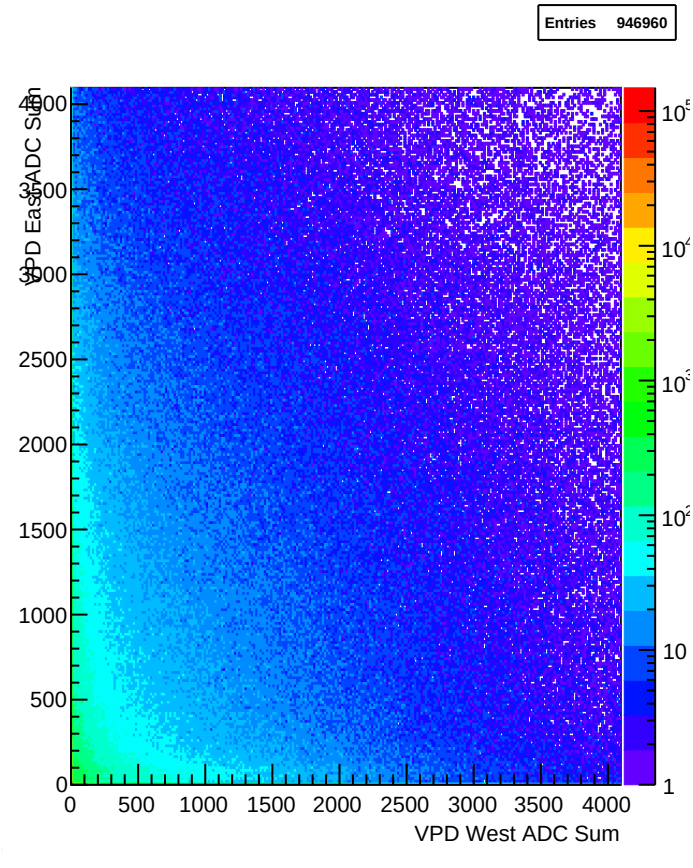

Entries 946960
BBC-S-West ADC Sum
VPD-West ADC Sum

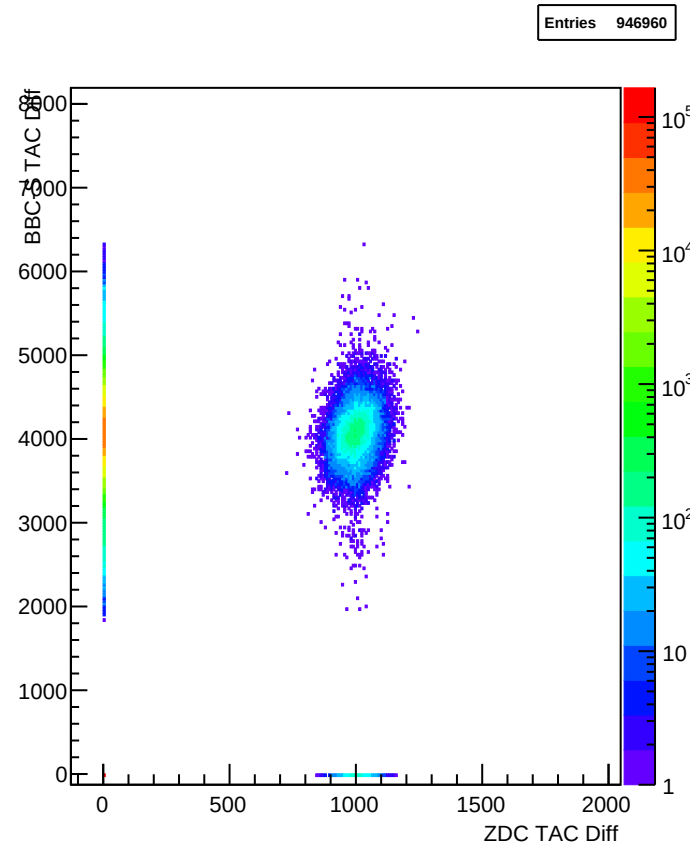

Entries 946960
VPD-East ADC Sum
ZDC-East ADC Sum Att

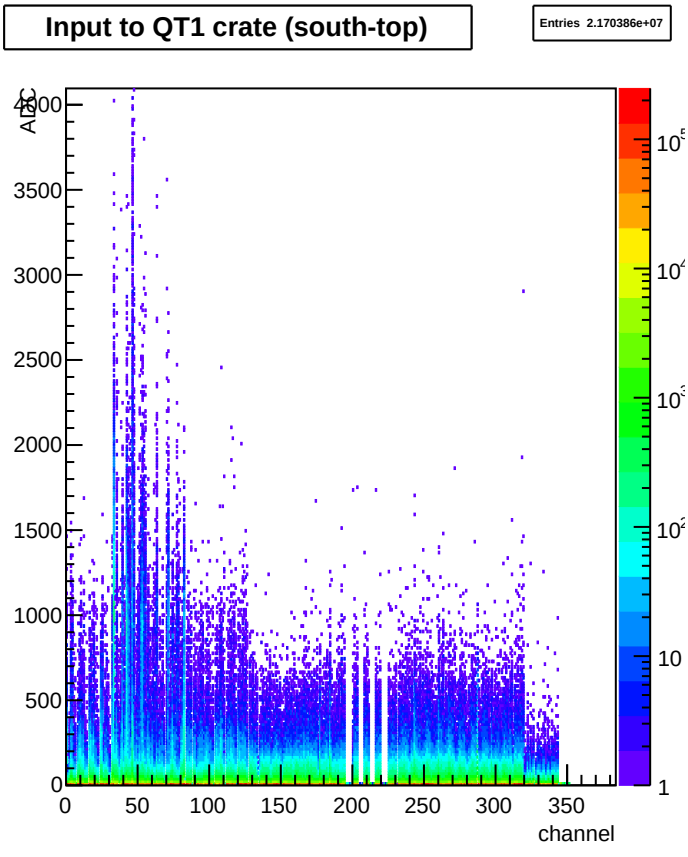

Entries 946960
VPD-West ADC Sum
ZDC-West ADC Sum Att

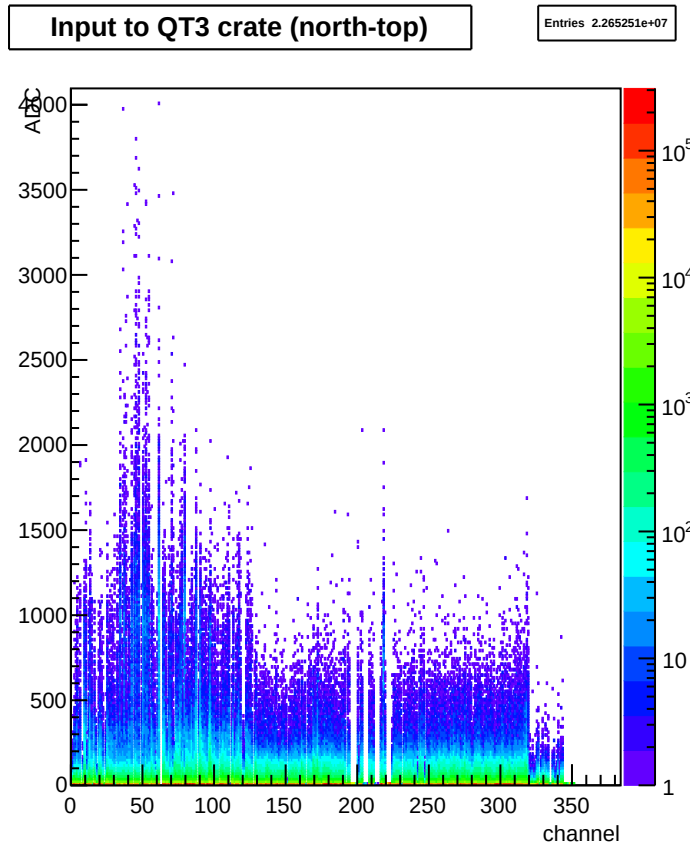

Entries 946960
BBC-S-East ADC Sum
BBC-S-West ADC Sum

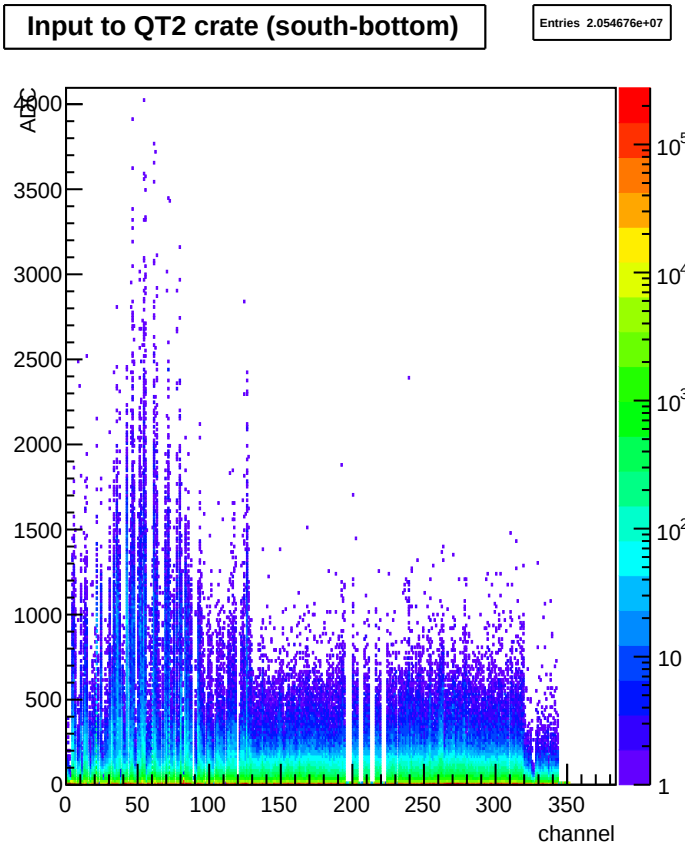

Entries 946960
ZDC East ADC Sum Att
ZDC West ADC Sum Att

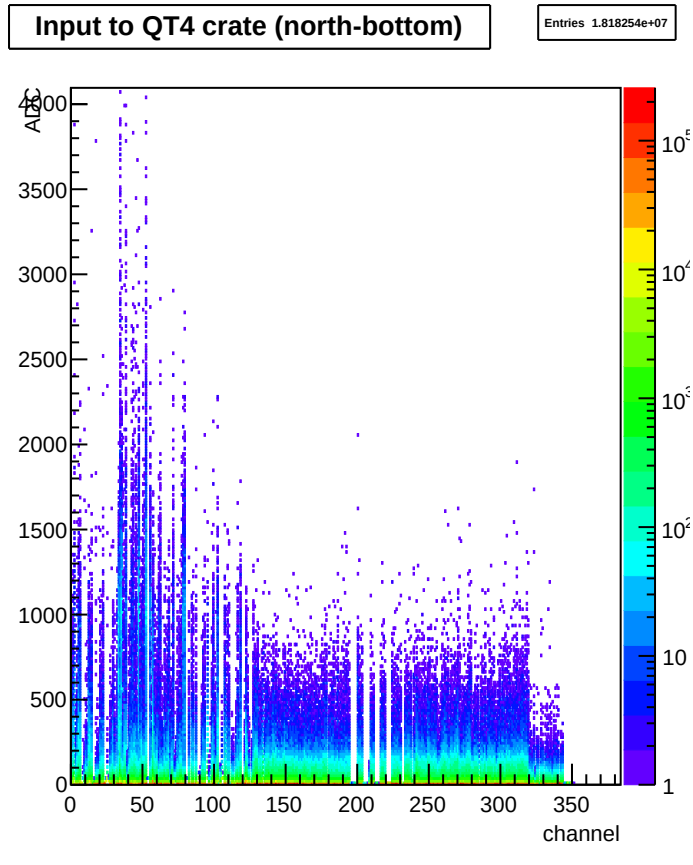

Entries 946960
VPD East ADC Sum
VPD West ADC Sum

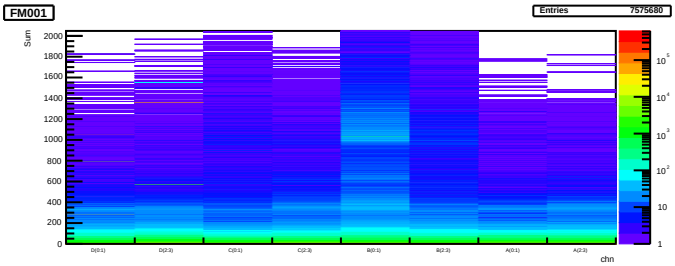

Entries 946960
BBC-S TAC Diff
ZDC TAC Diff

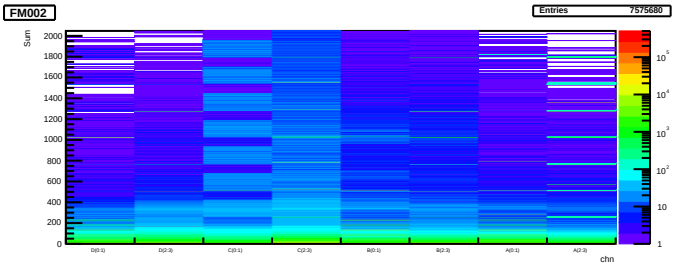

Input to QT1 crate (south-top)
Entries 2.170386e+07
ADC
channel

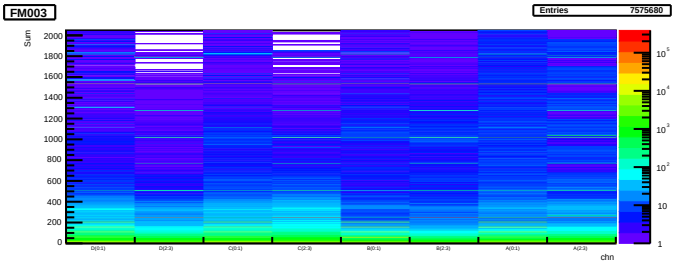

Input to QT3 crate (north-top)
Entries 2.265251e+07
ADC
channel

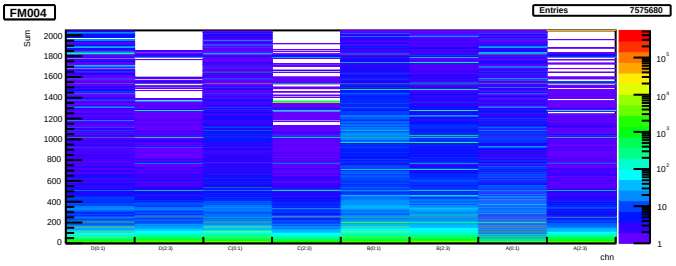

Input to QT2 crate (south-bottom)
Entries 2.054676e+07
ADC
channel

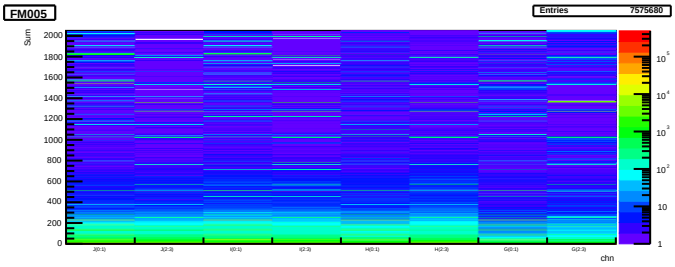

Input to QT4 crate (north-bottom)
Entries 1.818254e+07
ADC
channel

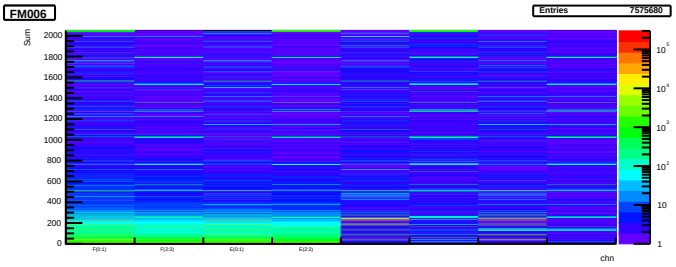

FM001
Entries 7575680
Sum
chn

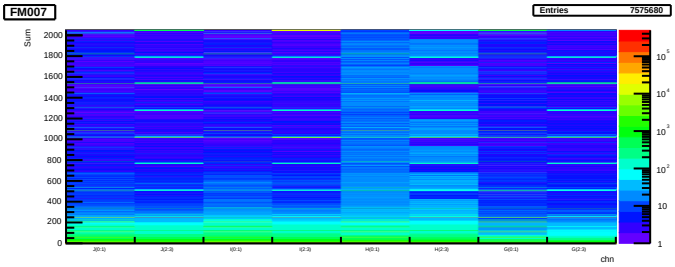

FM002
Entries 7575680
Sum
chn

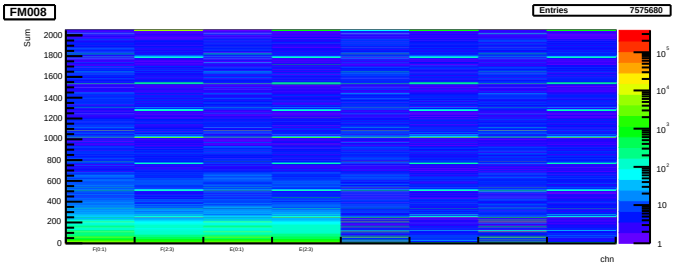

FM003
Entries 7575680
Sum
chn

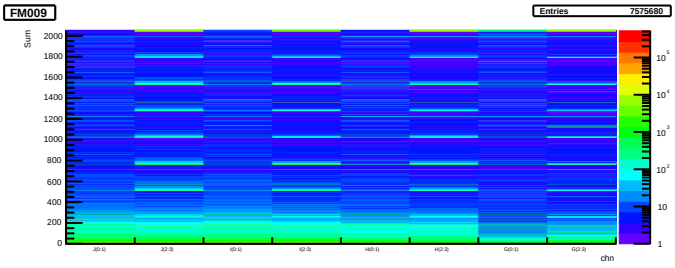

FM004
Entries 7575680
Sum
chn

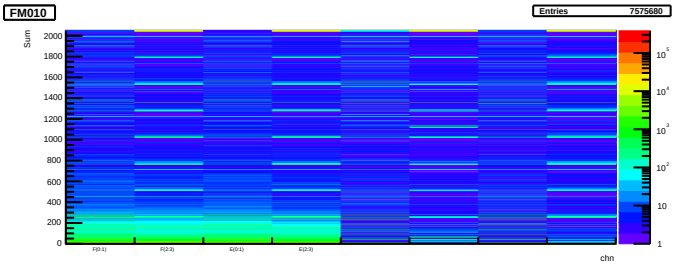

FM005
Entries 7575680
Sum
chn

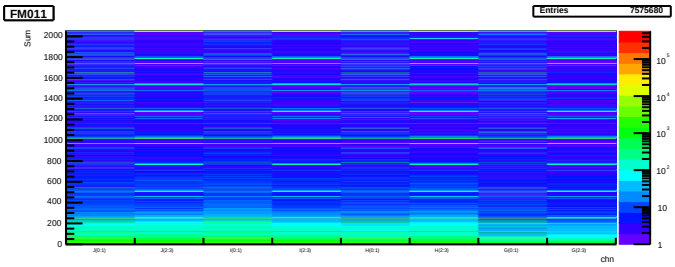

FM006
Entries 7575680
Sum
chn

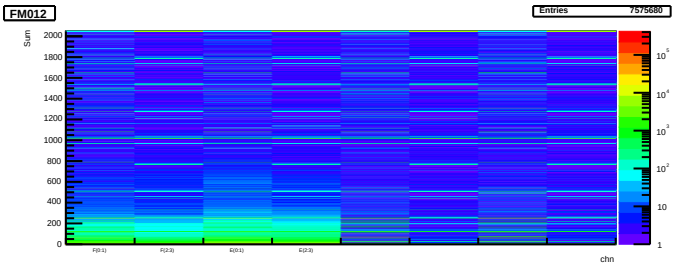

FM007
Entries 7575680
Sum
chn

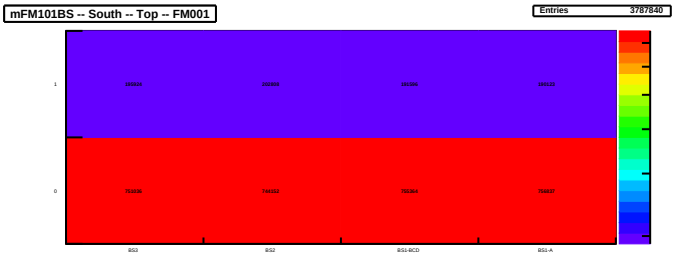

FM008
Entries 7575680
Sum
chn

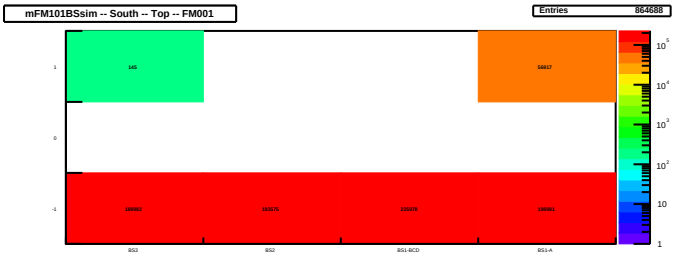

FM009
Entries 7575680
Sum
chn

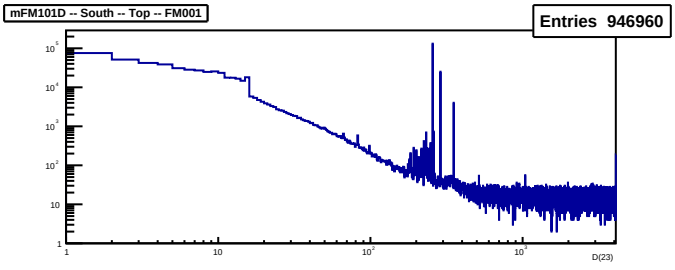

FM010
Entries 7575680
Sum
chn

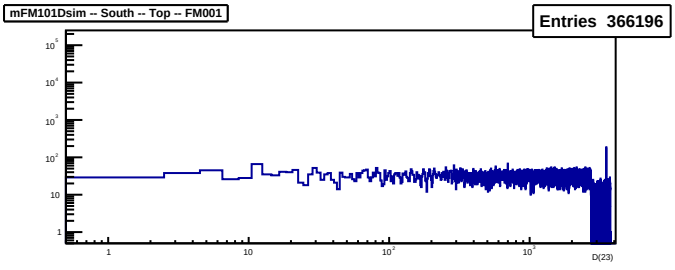

FM011
Entries 7575680
Sum
chn

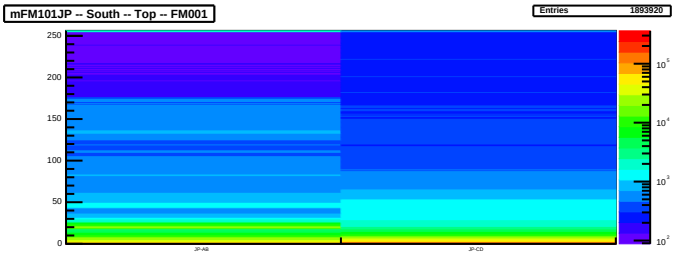

FM012
Entries 7575680
Sum
chn

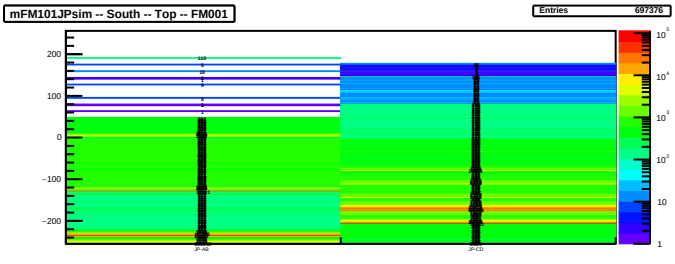

mFM101BS -- South -- Top -- FM001
Entries 3787840

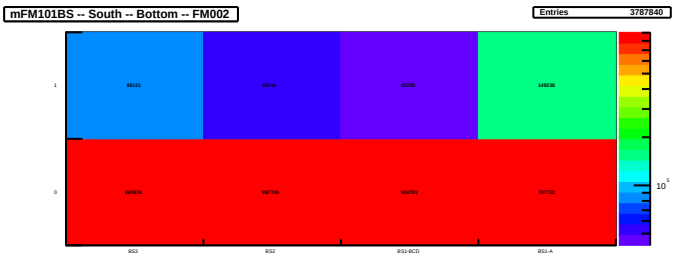

mFM101BSsim -- South -- Top -- FM001
Entries 864688

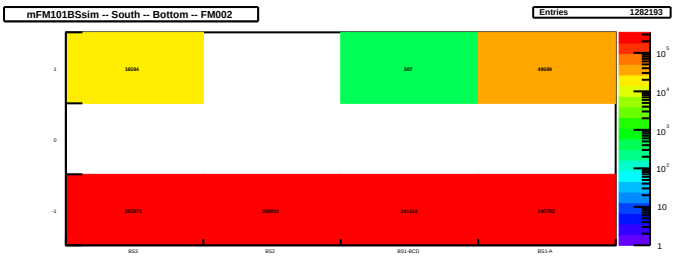

mFM101D -- South -- Top -- FM001
Entries 946960
D(23)

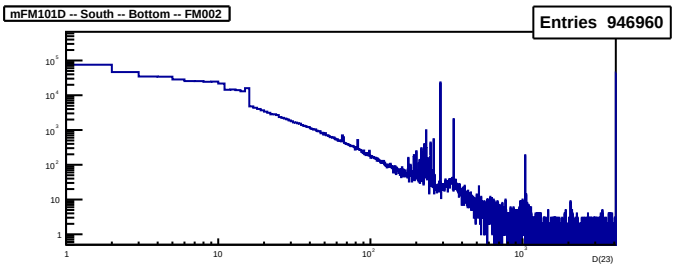

mFM101Dsim -- South -- Top -- FM001
Entries 366196
D(23)

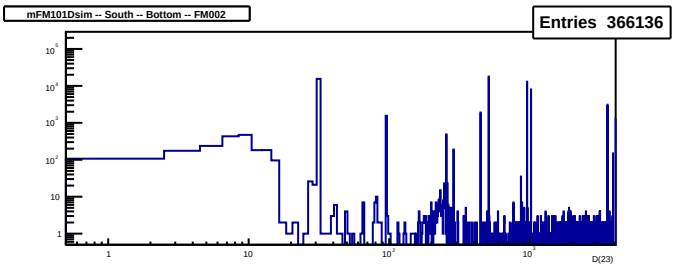

mFM101JP -- South -- Top -- FM001
Entries 1893920

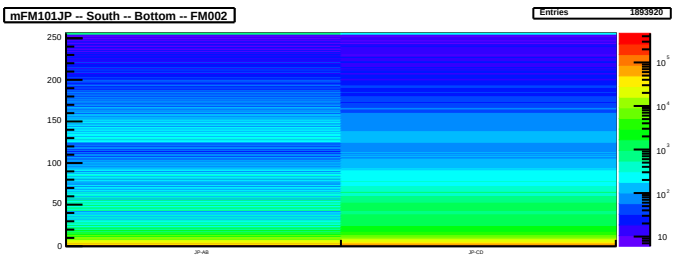

mFM101JPsim -- South -- Top -- FM001
Entries 697376

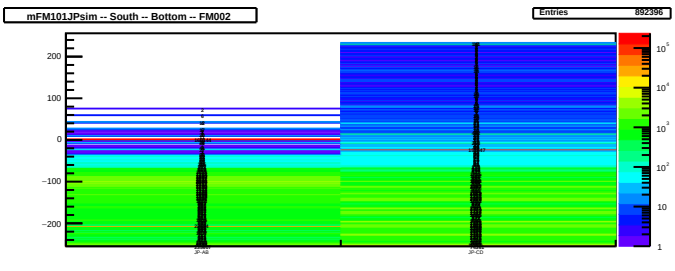

mFM101BS -- South -- Bottom -- FM002
Entries 3787840

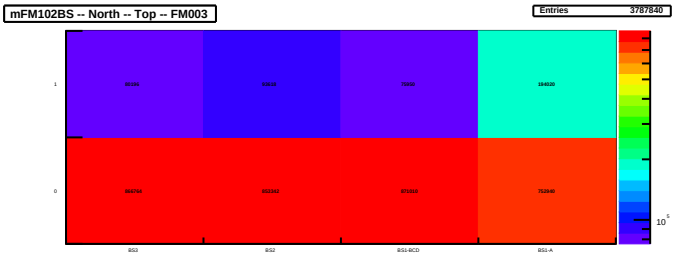

mFM101BSsim -- South -- Bottom -- FM002
Entries 1282193

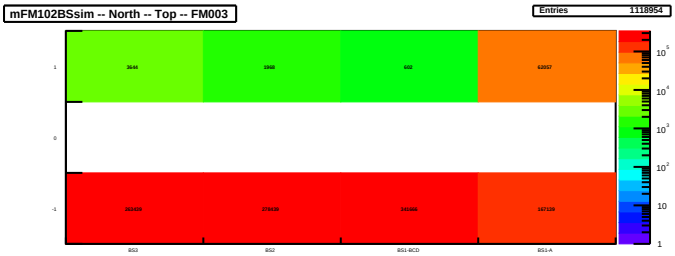

mFM101D -- South -- Bottom -- FM002
Entries 946960
D(23)

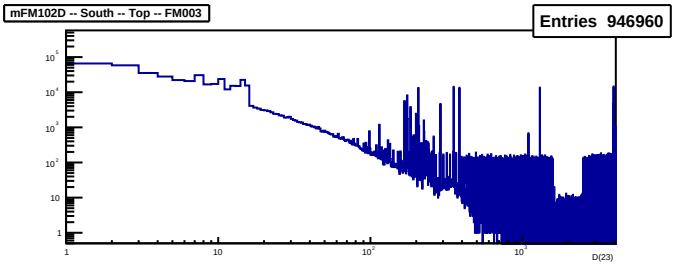

mFM101Dsim -- South -- Bottom -- FM002
Entries 366136
D(23)

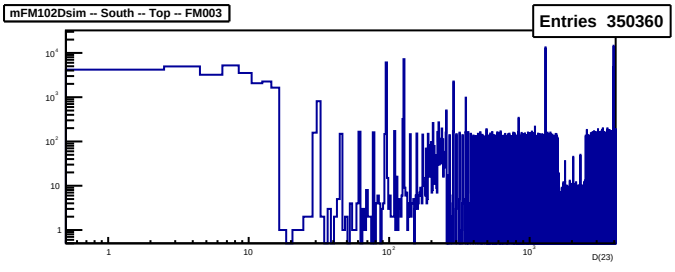

mFM101JP -- South -- Bottom -- FM002
Entries 1893920

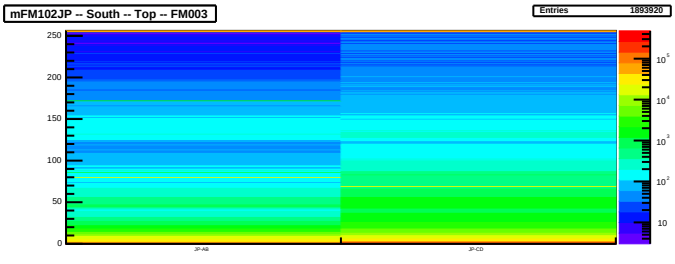

mFM101JPsim -- South -- Bottom -- FM002
Entries 892396

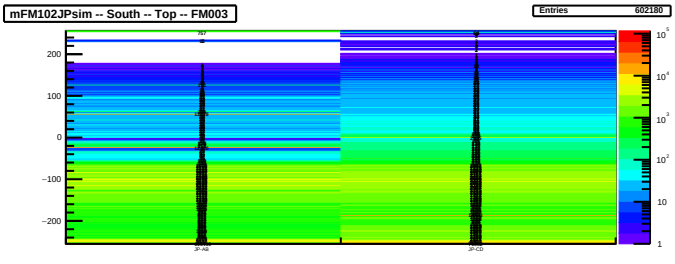

mFM102BS -- North -- Top -- FM003
Entries 3787840

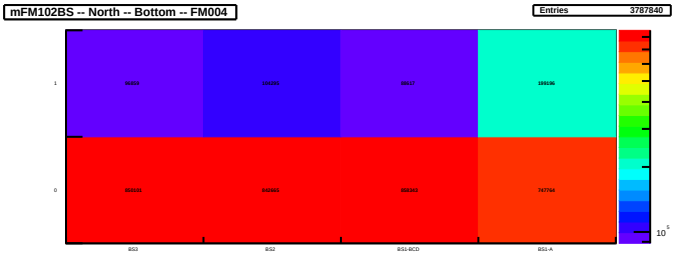

mFM102BSsim -- North -- Top -- FM003
Entries 1118954

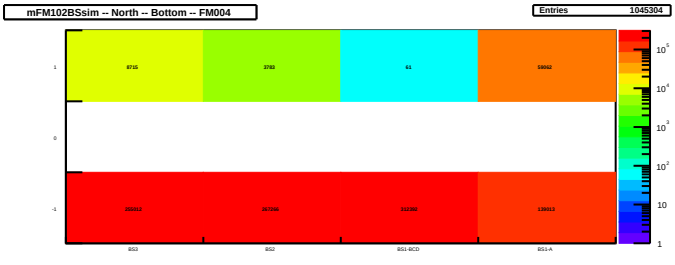

mFM102D -- South -- Top -- FM003
Entries 946960
D(23)

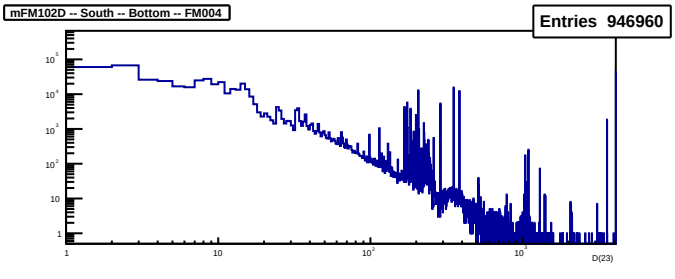

mFM102Dsim -- South -- Top -- FM003
Entries 350360
D(23)

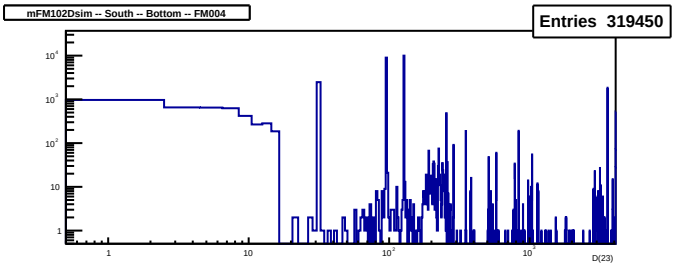

mFM102JP -- South -- Top -- FM003
Entries 1893920

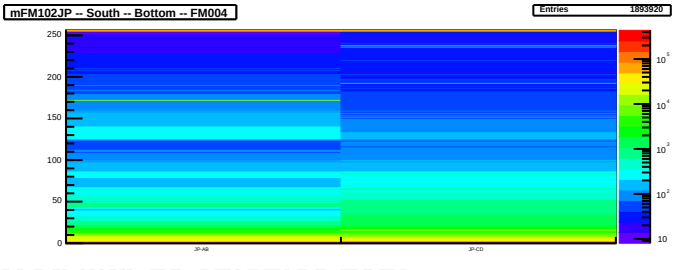

mFM102JPsim -- South -- Top -- FM003
Entries 602180

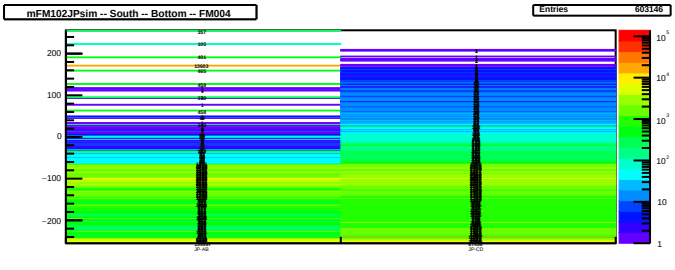

mFM102BS -- North -- Bottom -- FM004
Entries 3787840

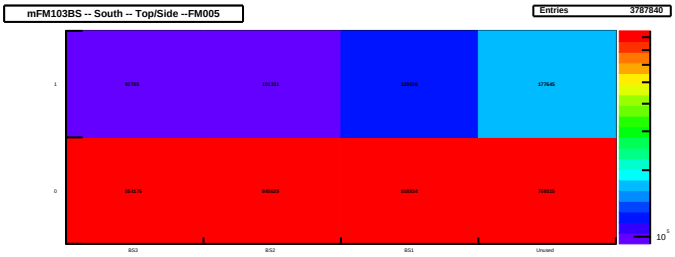

mFM102BSsim -- North -- Bottom -- FM004
Entries 1045304

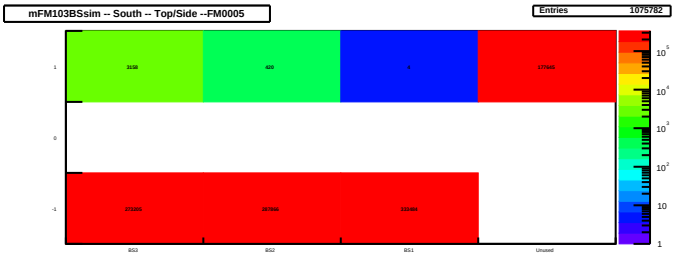

mFM102D -- South -- Bottom -- FM004
Entries 946960
D(23)

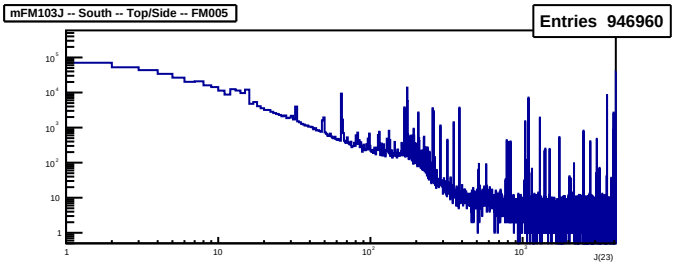

mFM102Dsim -- South -- Bottom -- FM004
Entries 319450
D(23)

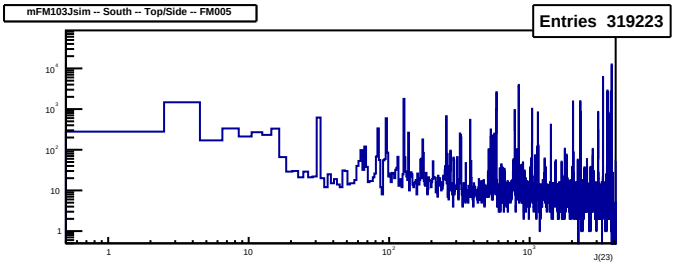

mFM102JP -- South -- Bottom -- FM004
Entries 1893920

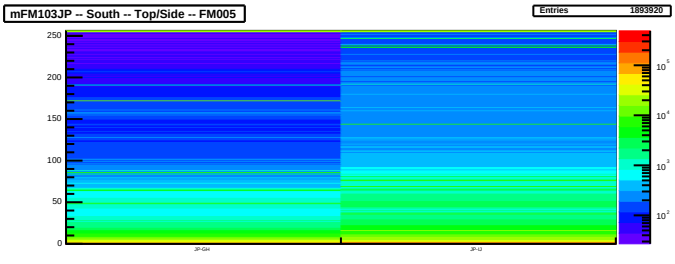

mFM102JPsim -- South -- Bottom -- FM004
Entries 603146

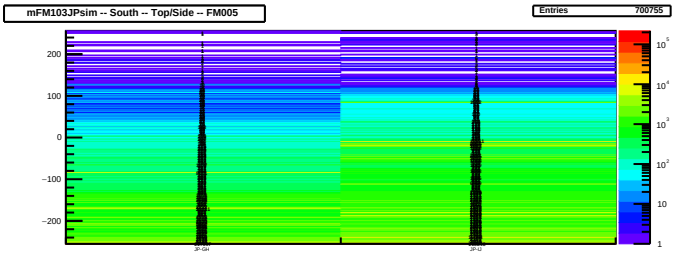

mFM103BS -- South -- Top/Side --FM005
Entries 3787840

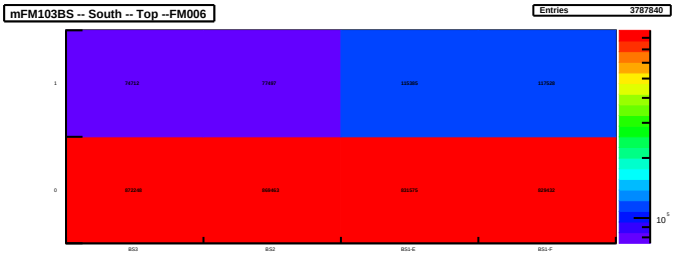

mFM103BSsim -- South -- Top/Side --FM0005
Entries 1075782

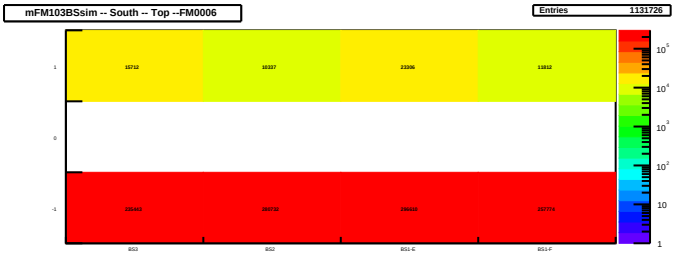

mFM103J -- South -- Top/Side -- FM005
Entries 946960
J(23)

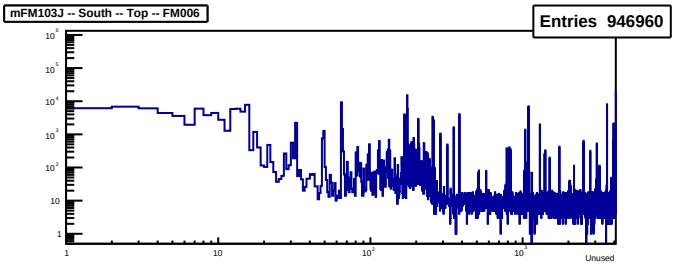

mFM103Jsim -- South -- Top/Side -- FM005
Entries 319223
J(23)

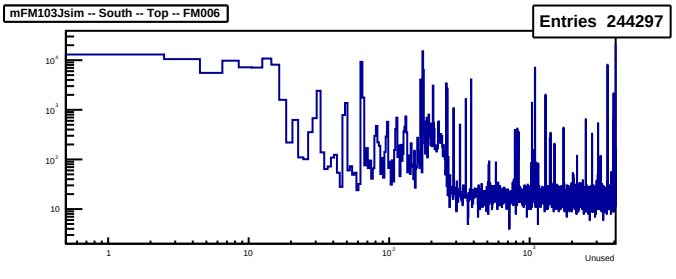

mFM103JP -- South -- Top/Side -- FM005
Entries 1893920

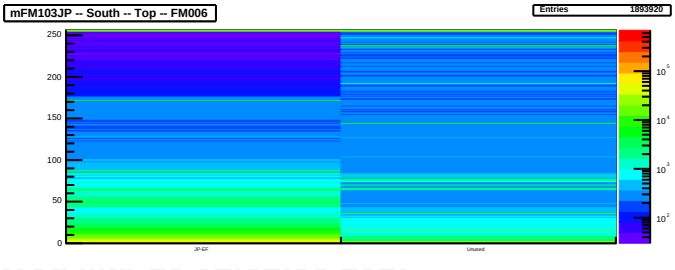

mFM103JPsim -- South -- Top/Side -- FM005
Entries 700755

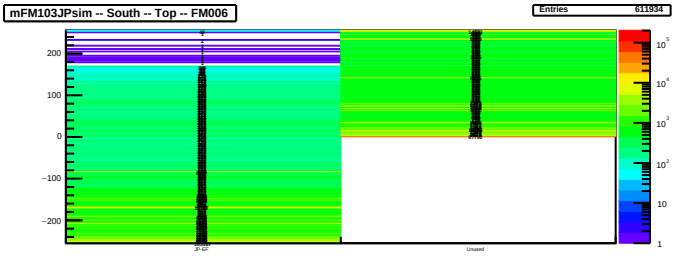

mFM103BS -- South -- Top --FM006
Entries 3787840

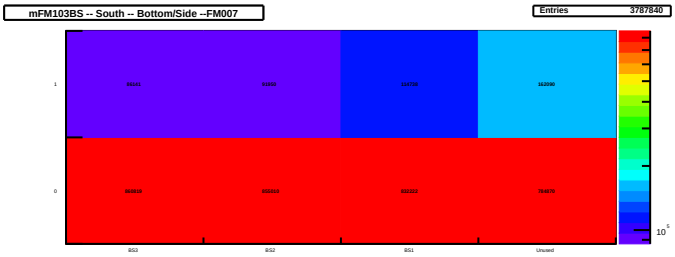

mFM103BSsim -- South -- Top --FM0006
Entries 1131726

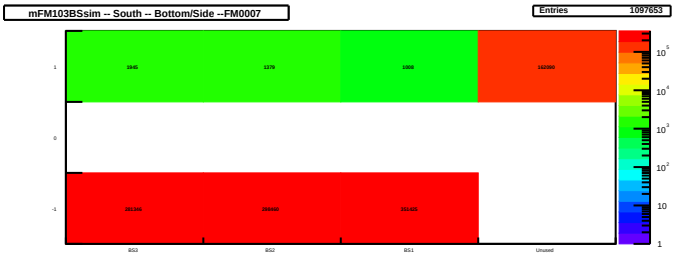

mFM103J -- South -- Top -- FM006
Entries 946960
Unused

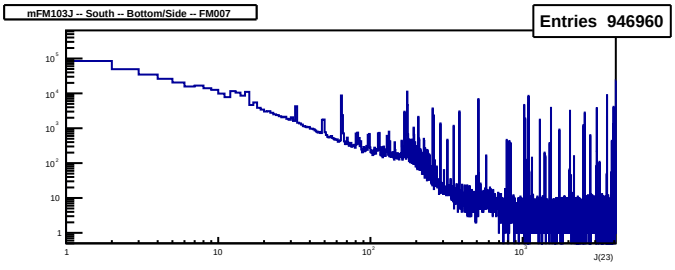

mFM103Jsim -- South -- Top -- FM006
Entries 244297
Unused

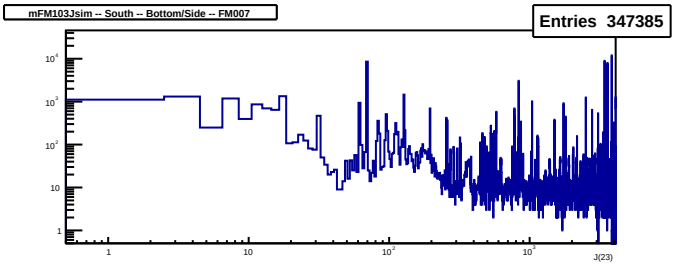

mFM103JP -- South -- Top -- FM006
Entries 1893920

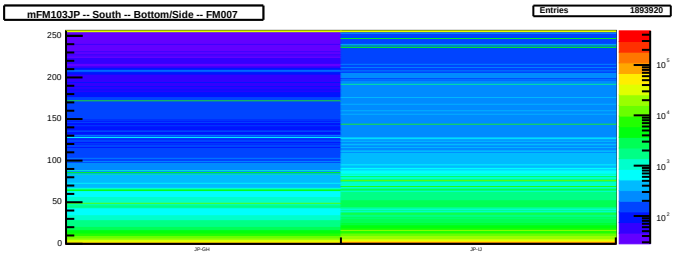

mFM103JPsim -- South -- Top -- FM006
Entries 611934

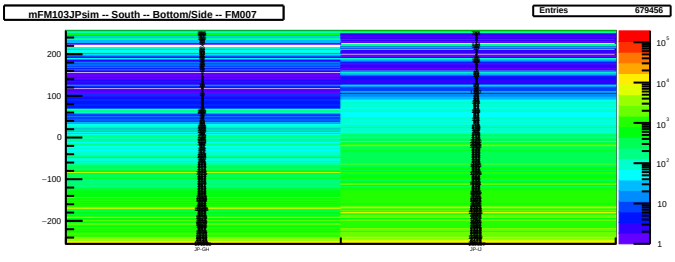

mFM103BS -- South -- Bottom/Side --FM007
Entries 3787840

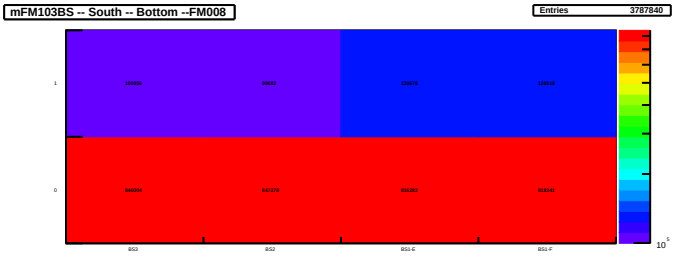

mFM103BSsim -- South -- Bottom/Side --FM0007
Entries 1097653

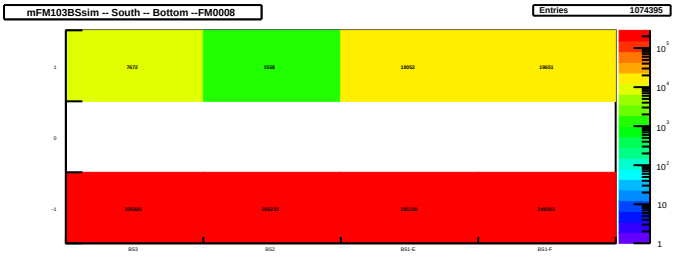

mFM103J -- South -- Bottom/Side -- FM007
Entries 946960
J(23)

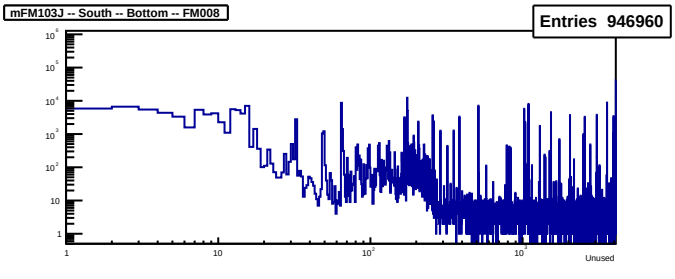

mFM103Jsim -- South -- Bottom/Side -- FM007
Entries 347385
J(23)

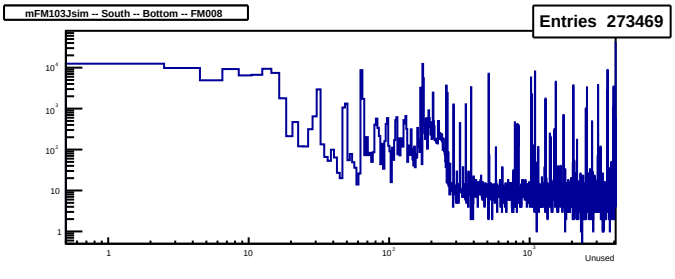

mFM103JP -- South -- Bottom/Side -- FM007
Entries 1893920

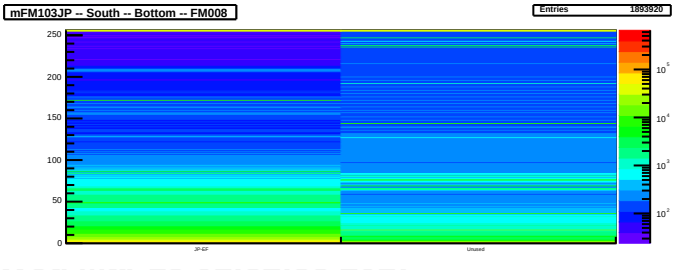

mFM103JPsim -- South -- Bottom/Side -- FM007
Entries 679456

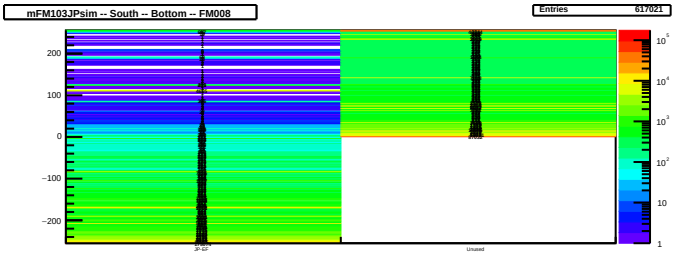

mFM103BS -- South -- Bottom --FM008
Entries 3787840

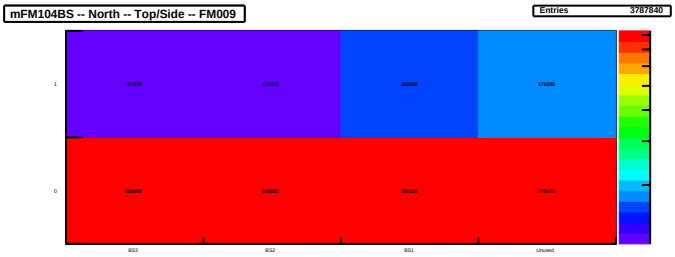

mFM103BSsim -- South -- Bottom --FM0008
Entries 1074395

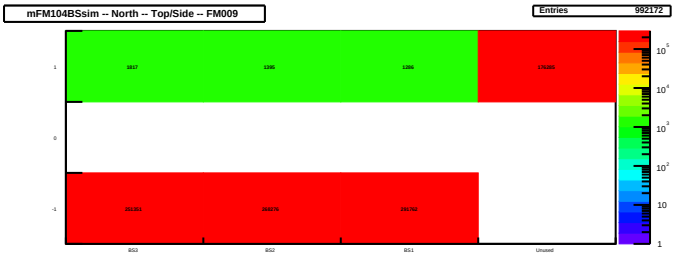

mFM103J -- South -- Bottom -- FM008
Entries 946960
Unused

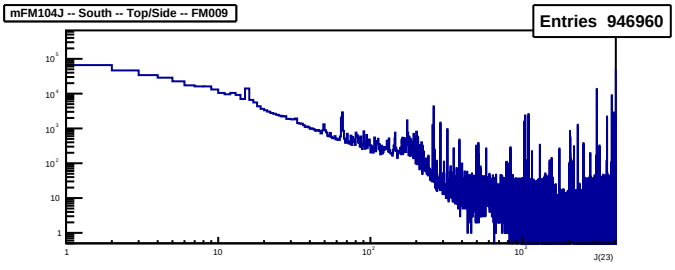

mFM103Jsim -- South -- Bottom -- FM008
Entries 273469
Unused

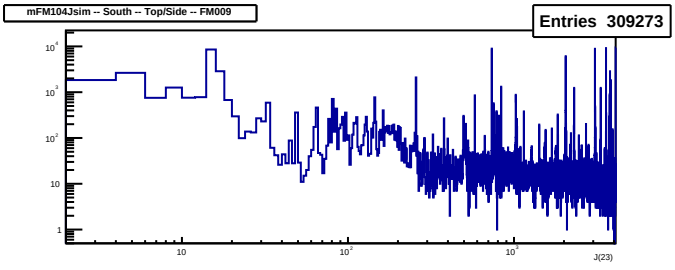

mFM103JP -- South -- Bottom -- FM008
Entries 1893920

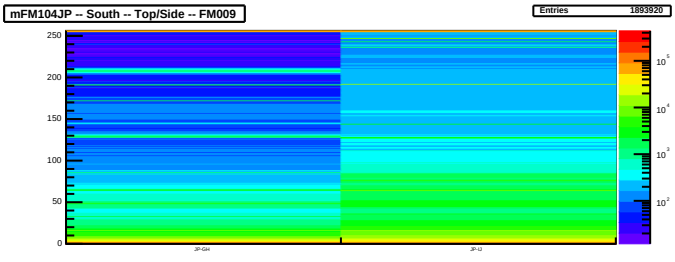

mFM103JPsim -- South -- Bottom -- FM008
Entries 617021

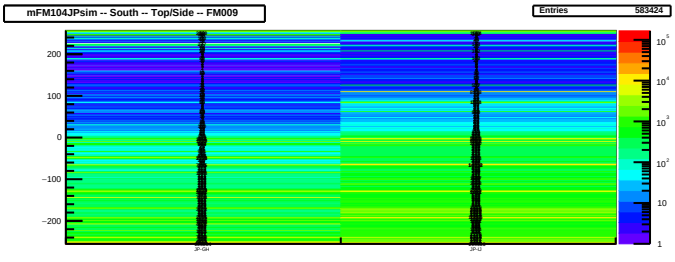

mFM104BS -- North -- Top/Side -- FM009
Entries 3787840

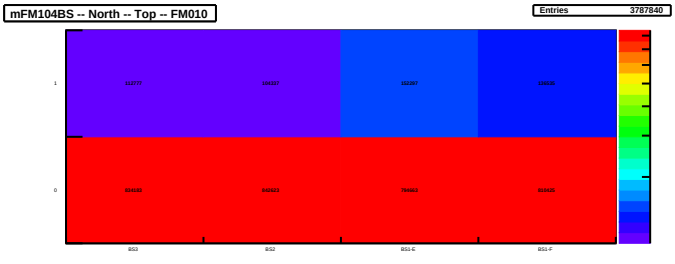

mFM104BSsim -- North -- Top/Side -- FM009
Entries 992172

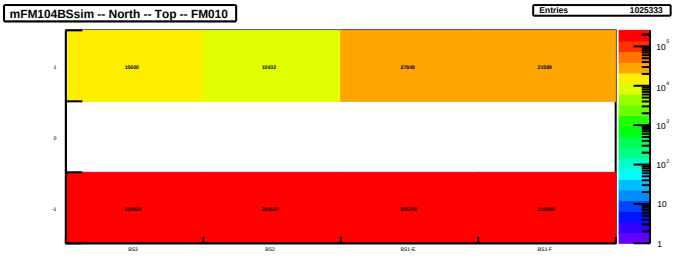

mFM104J -- South -- Top/Side -- FM009
Entries 946960
J(23)

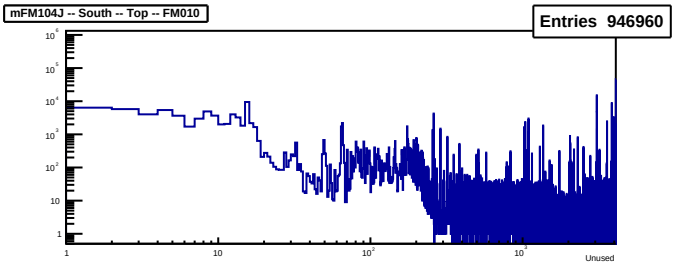

mFM104Jsim -- South -- Top/Side -- FM009
Entries 309273
J(23)

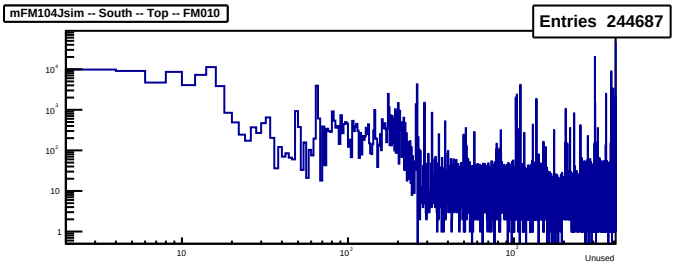

mFM104JP -- South -- Top/Side -- FM009
Entries 1893920

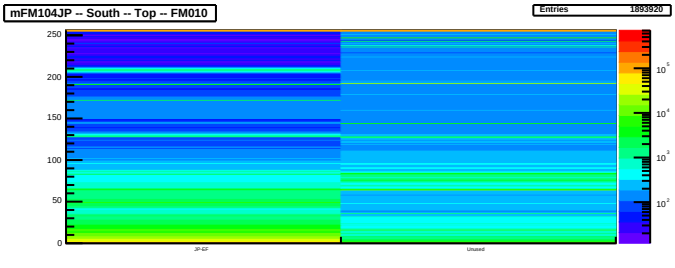

mFM104JPsim -- South -- Top/Side -- FM009
Entries 583424

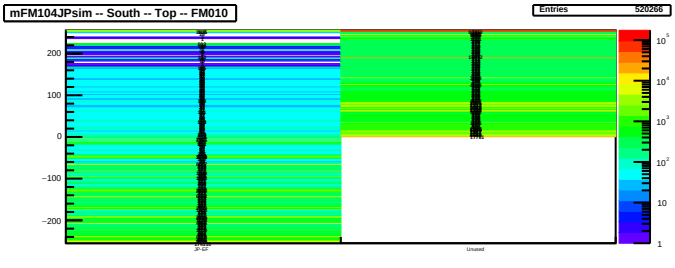

mFM104BS -- North -- Top -- FM010
Entries 3787840

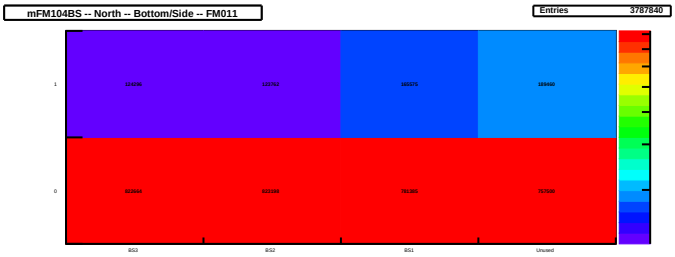

mFM104BSsim -- North -- Top -- FM010
Entries 1025333

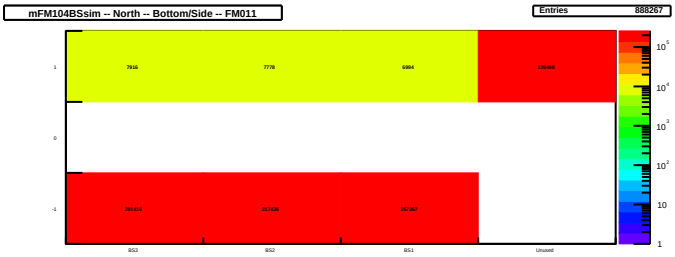

mFM104J -- South -- Top -- FM010
Entries 946960
Unused

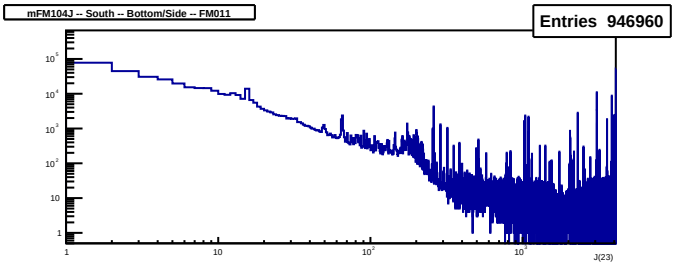

mFM104Jsim -- South -- Top -- FM010
Entries 244687
Unused

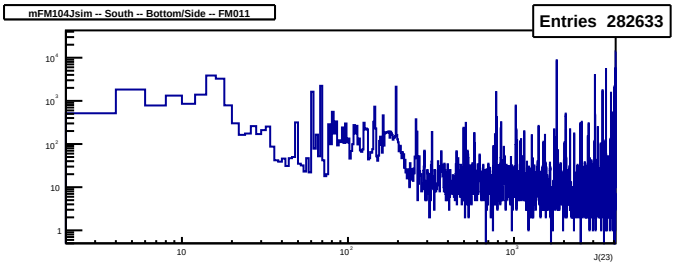

mFM104JP -- South -- Top -- FM010
Entries 1893920

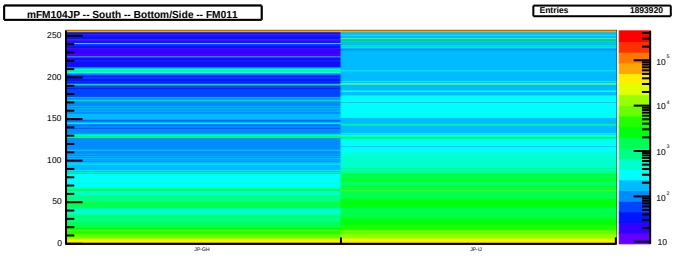

mFM104JPsim -- South -- Top -- FM010
Entries 520266

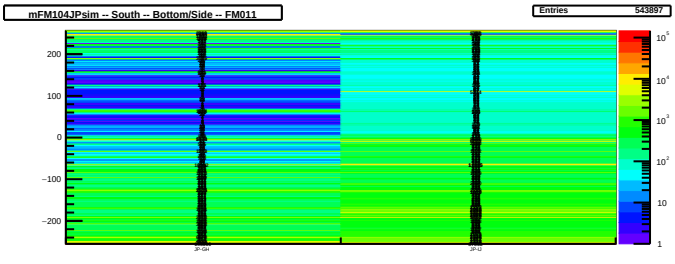

mFM104BS -- North -- Bottom/Side -- FM011
Entries 3787840

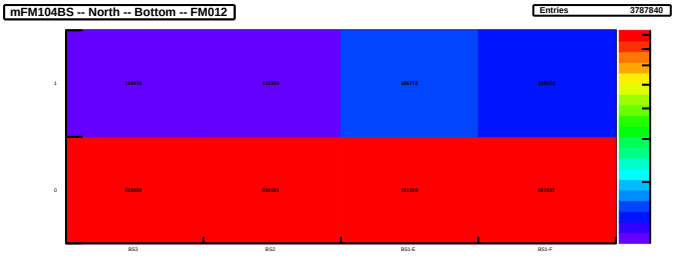

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 888267

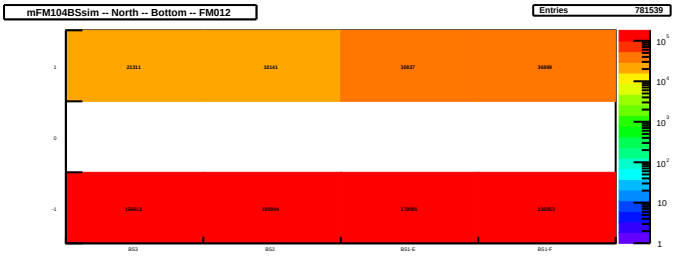

mFM104J -- South -- Bottom/Side -- FM011
Entries 946960
J(23)

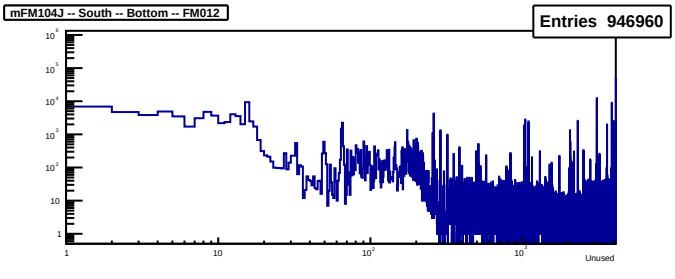

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 282633
J(23)

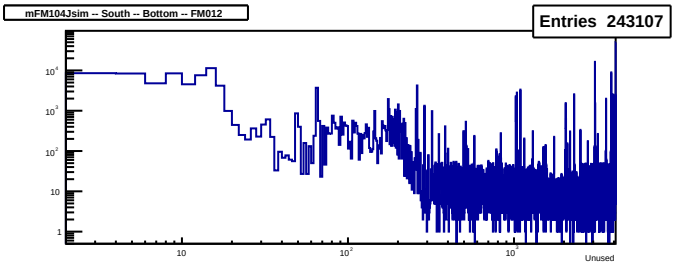

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1893920

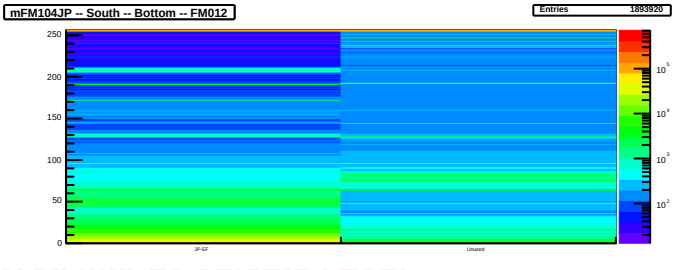

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 543897

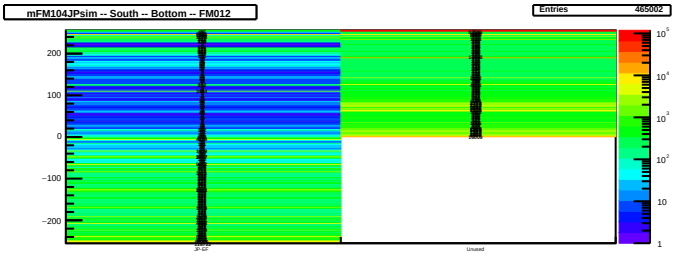

mFM104BS -- North -- Bottom -- FM012
Entries 3787840

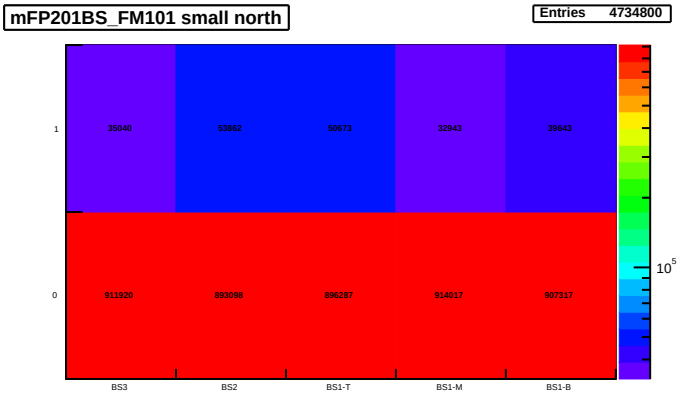

mFM104BSsim -- North -- Bottom -- FM012
Entries 781539

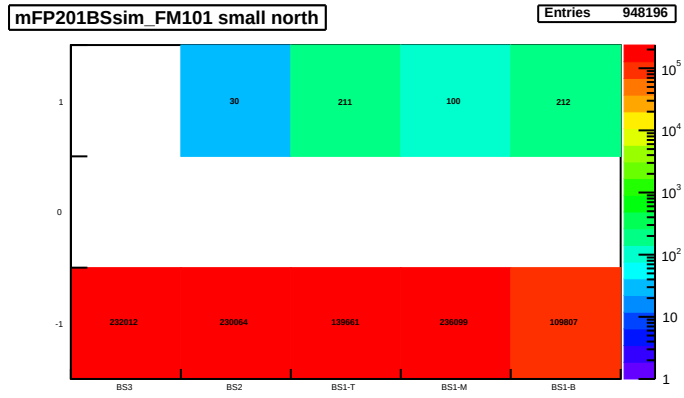

mFM104J -- South -- Bottom -- FM012
Entries 946960
Unused

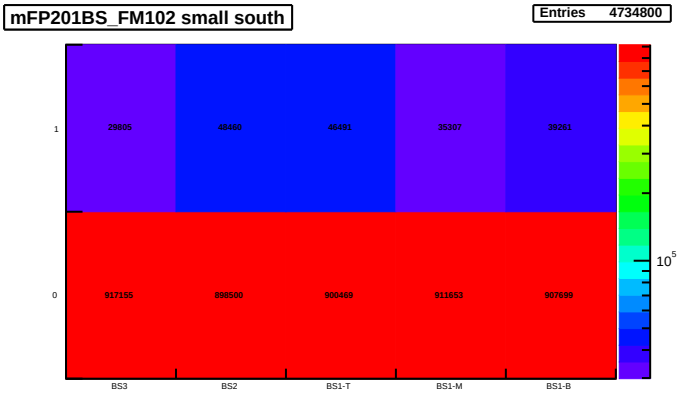

mFM104Jsim -- South -- Bottom -- FM012
Entries 243107
Unused

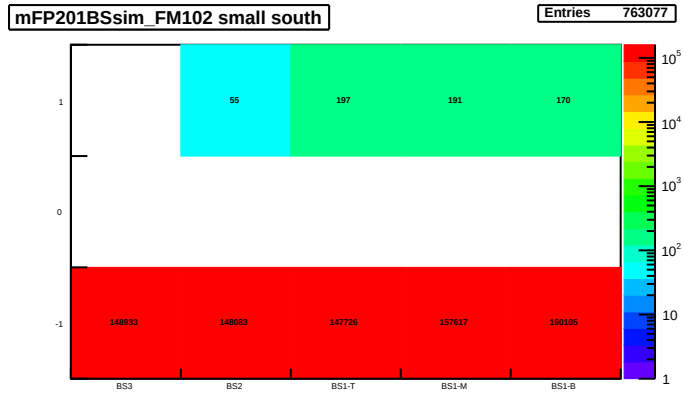

mFM104JP -- South -- Bottom -- FM012
Entries 1893920

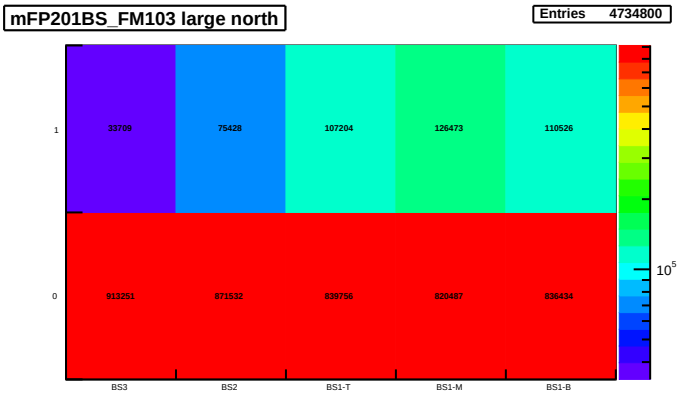

mFM104JPsim -- South -- Bottom -- FM012
Entries 465002

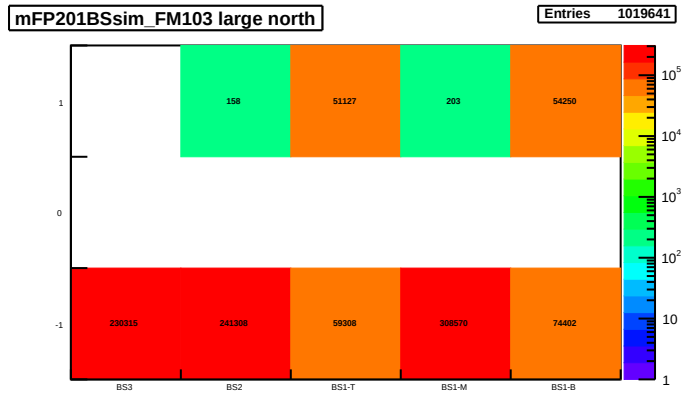

mFP201BS_FM101 small north
Entries 4734800
35040
53882
50673
32943
39643
911920
893098
896287
914017
907317
BS3
BS2
BS1-T
BS1-M
BS1-B

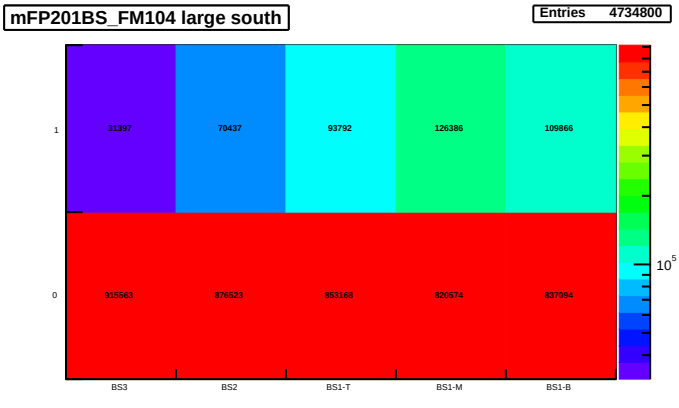

mFP201BSsim_FM101 small north
Entries 948196
30
211
100
212
232012
230064
139661
236099
109807
BS3
BS2
BS1-T
BS1-M
BS1-B

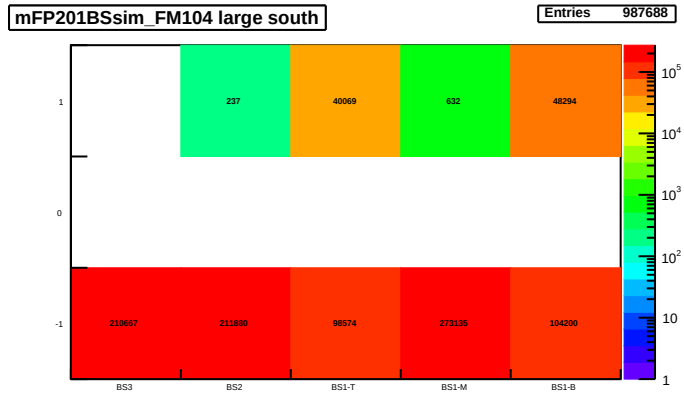

mFP201BS_FM102 small south
Entries 4734800
29805
48460
46491
35307
39261
917155
898500
900469
911653
907699
BS3
BS2
BS1-T
BS1-M
BS1-B

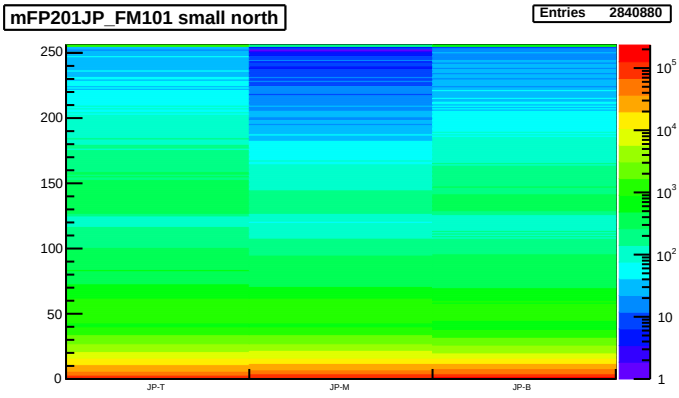

mFP201BSsim_FM102 small south
Entries 763077
55
197
191
170
148933
148083
147726
157617
160105
BS3
BS2
BS1-T
BS1-M
BS1-B

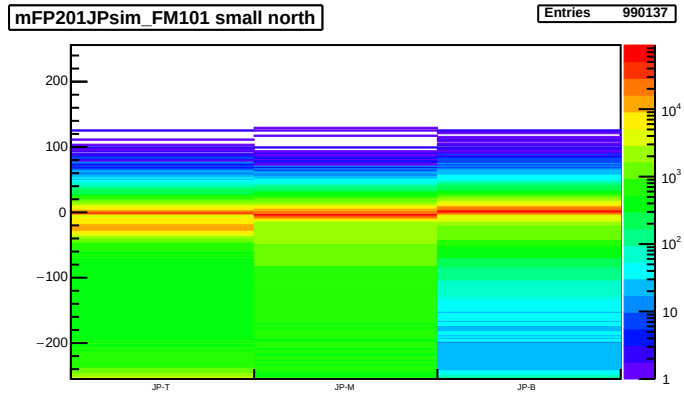

mFP201BS_FM103 large north
Entries 4734800
33709
75428
107204
126473
110526
913251
871532
839756
820487
836434
BS3
BS2
BS1-T
BS1-M
BS1-B

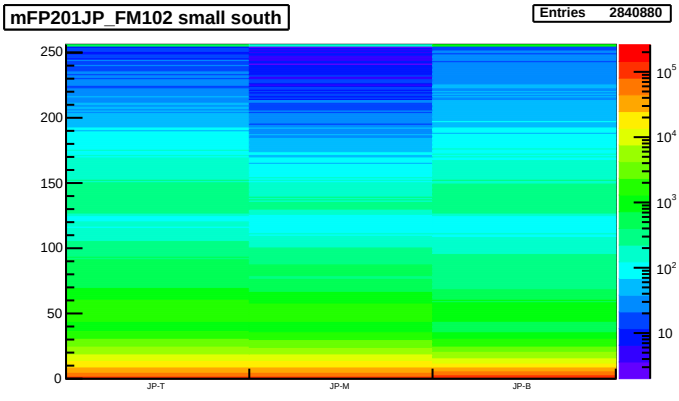

mFP201BSsim_FM103 large north
Entries 1019641
158
51127
203
54250
230315
241308
59308
308570
74402
BS3
BS2
BS1-T
BS1-M
BS1-B

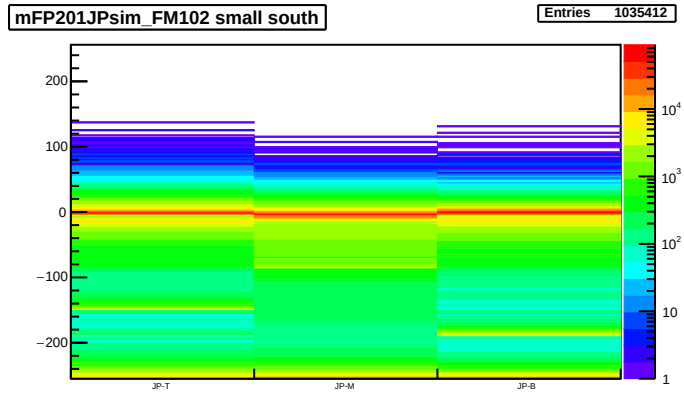

mFP201BS_FM104 large south
Entries 4734800
31397
70437
93792
126386
109866
915563
876523
853168
820574
837094
BS3
BS2
BS1-T
BS1-M
BS1-B

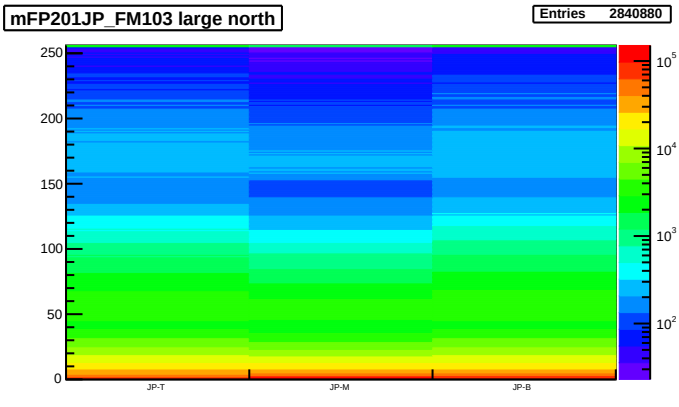

mFP201BSsim_FM104 large south
Entries 987688
237
40069
632
48294
210667
211880
98574
273135
104200
BS3
BS2
BS1-T
BS1-M
BS1-B

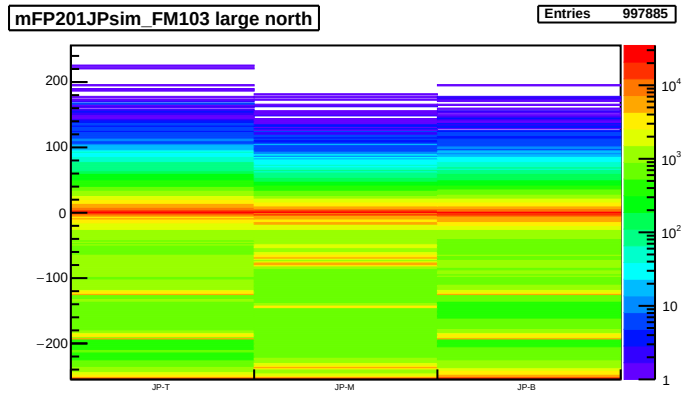

mFP201JP_FM101 small north
Entries 2840880
JP-T
JP-M
JP-B

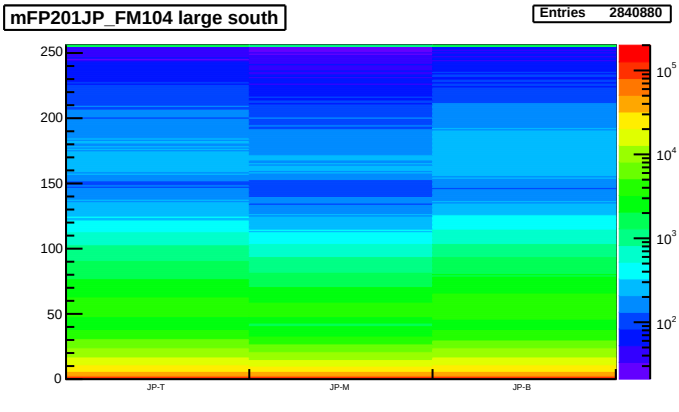

mFP201JPsim_FM101 small north
Entries 990137
JP-T
JP-M
JP-B

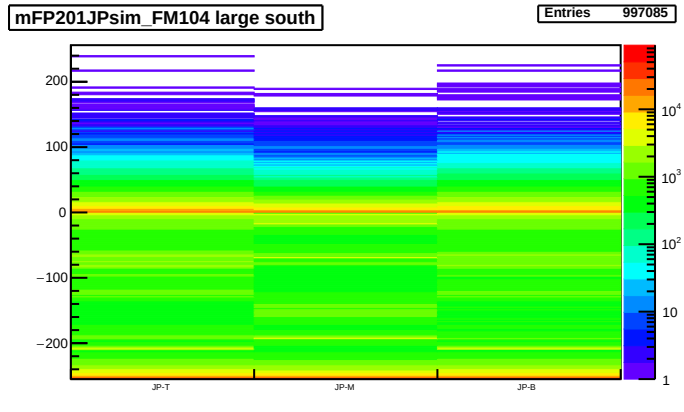

mFP201JP_FM102 small south
Entries 2840880
JP-T
JP-M
JP-B

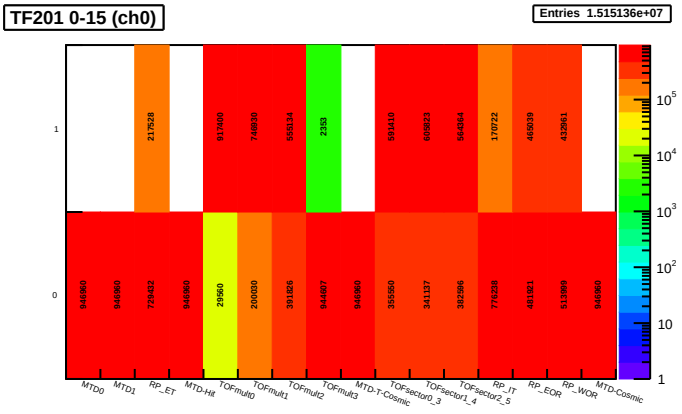

mFP201JPsim_FM102 small south
Entries 1035412
JP-T
JP-M
JP-B

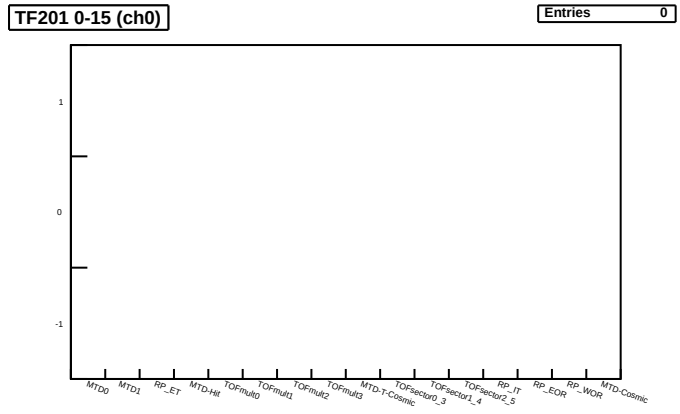

mFP201JP_FM103 large north
Entries 2840880
JP-T
JP-M
JP-B

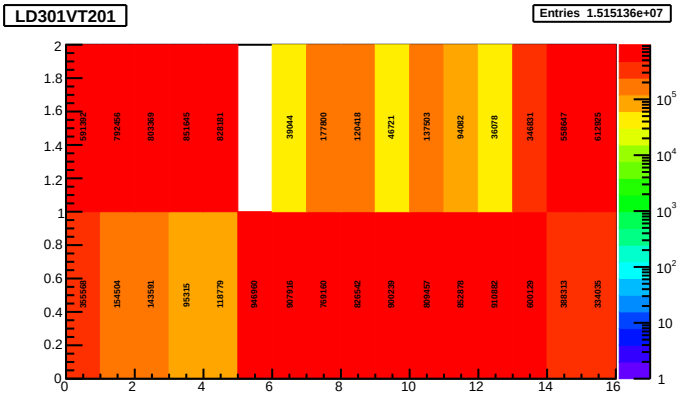

mFP201JPsim_FM103 large north
Entries 997885
JP-T
JP-M
JP-B

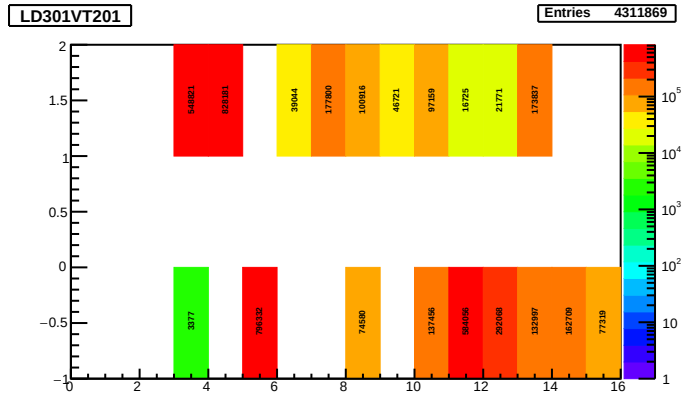

mFP201JP_FM104 large south
Entries 2840880
JP-T
JP-M
JP-B

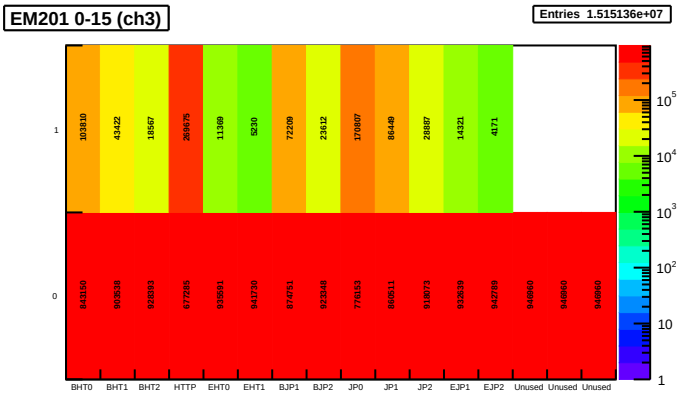

mFP201JPsim_FM104 large south
Entries 997085
JP-T
JP-M
JP-B

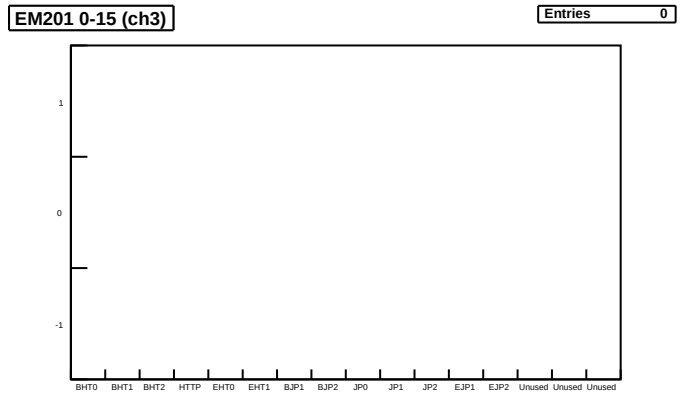

TF201 0-15 (ch0)
Entries 1.515136e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

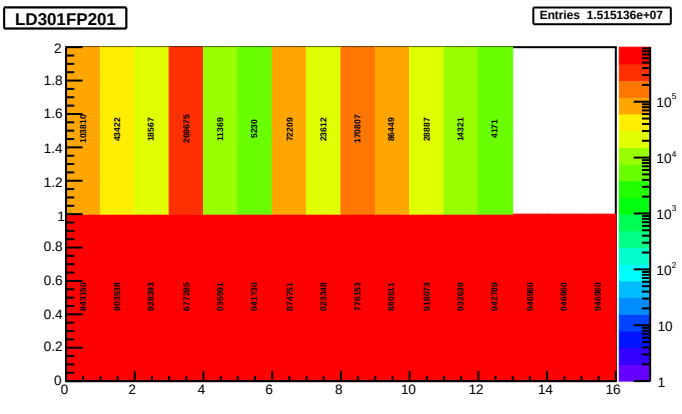

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

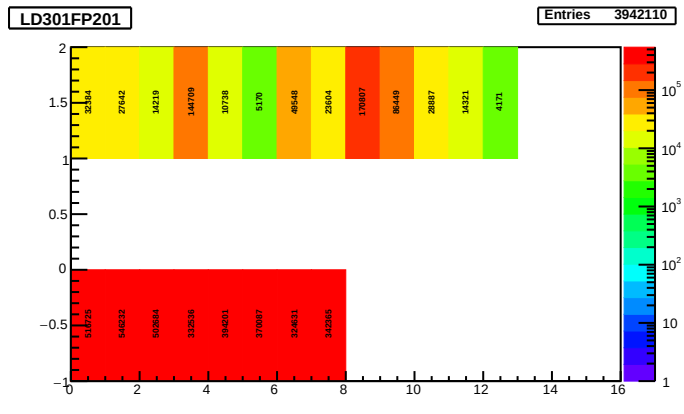

LD301VT201
Entries 1.515136e+07


LD301VT201
Entries 4311869


EM201 0-15 (ch3)
Entries 1.515136e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 1.515136e+07


LD301FP201
Entries 3942110