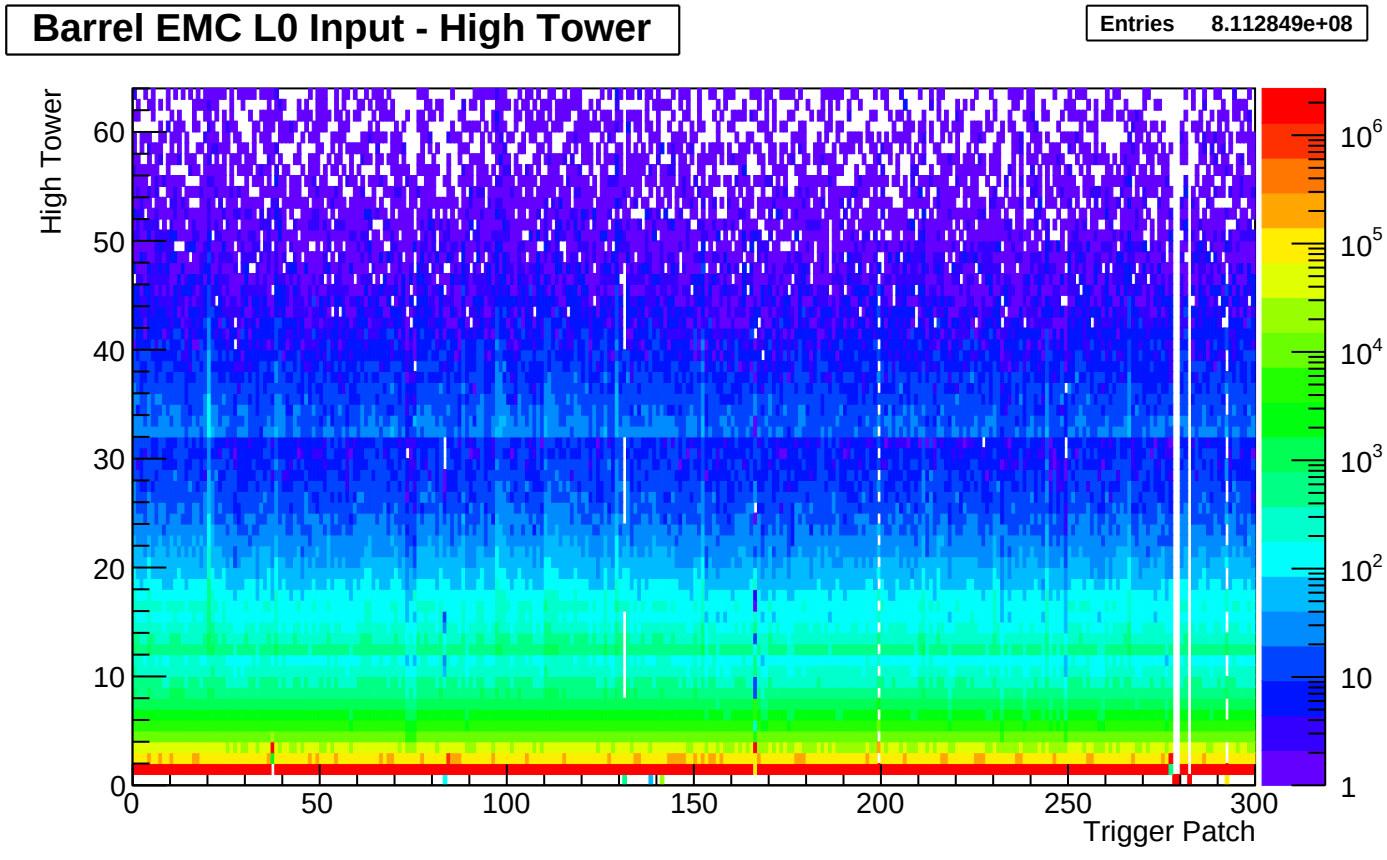
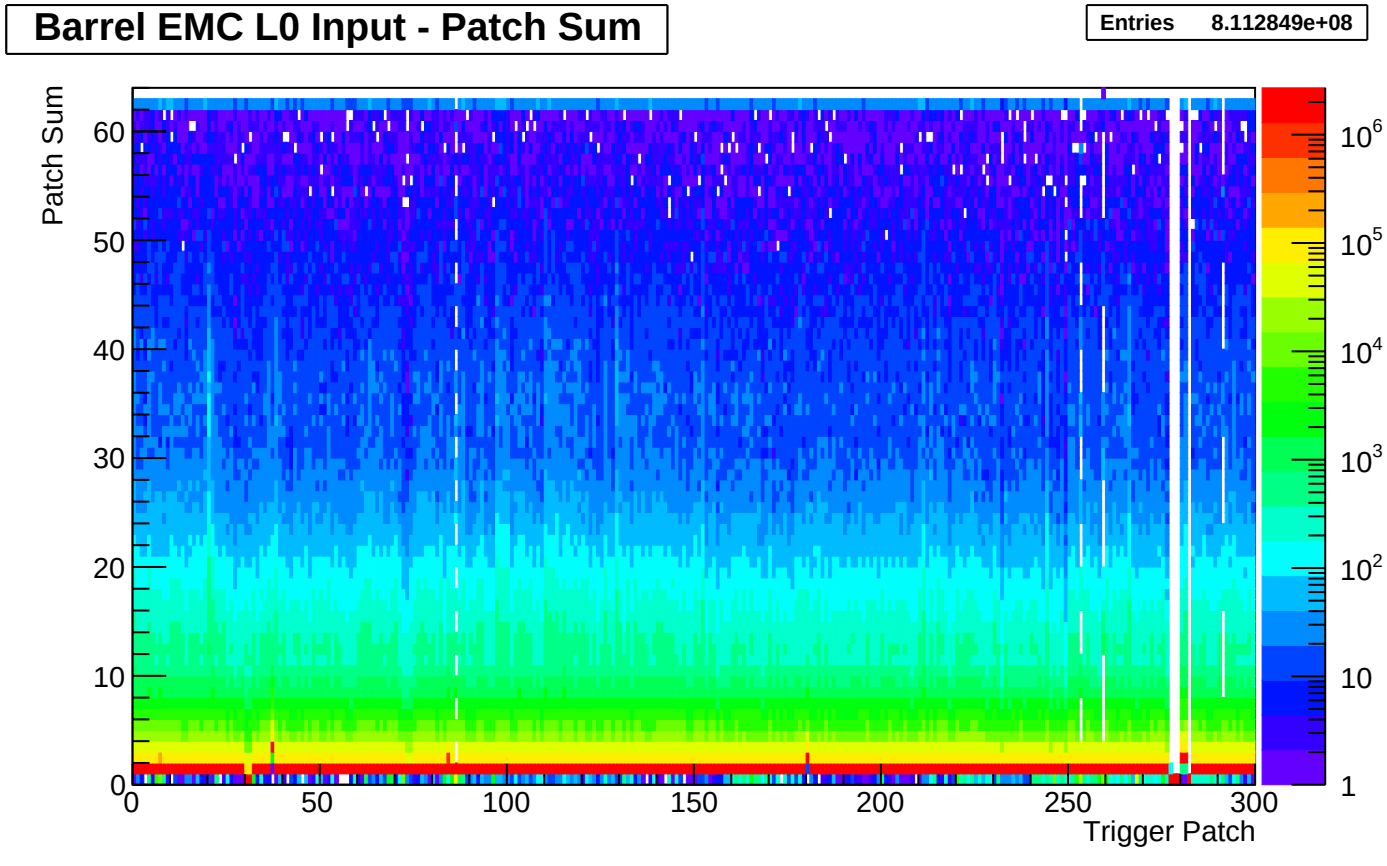
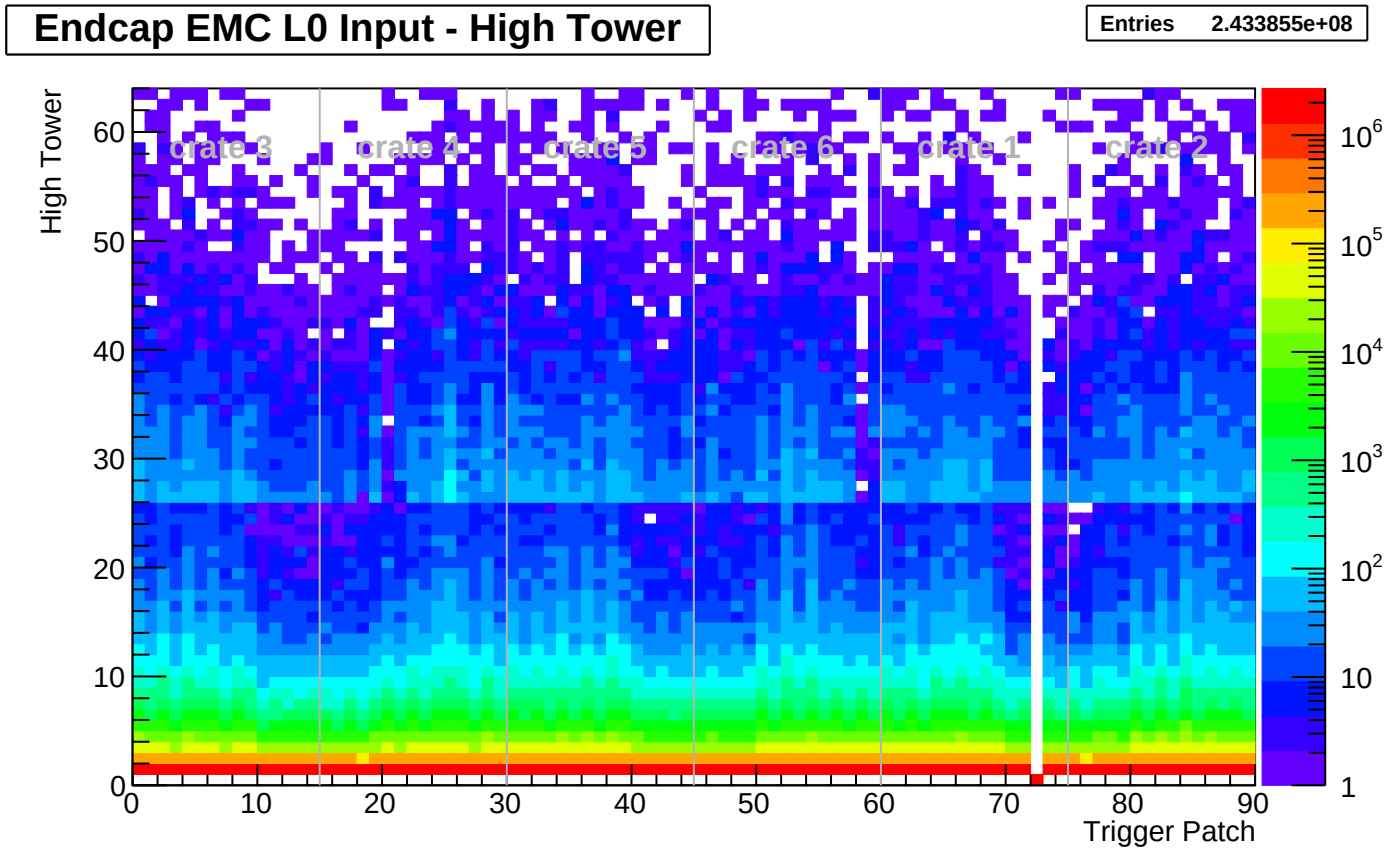
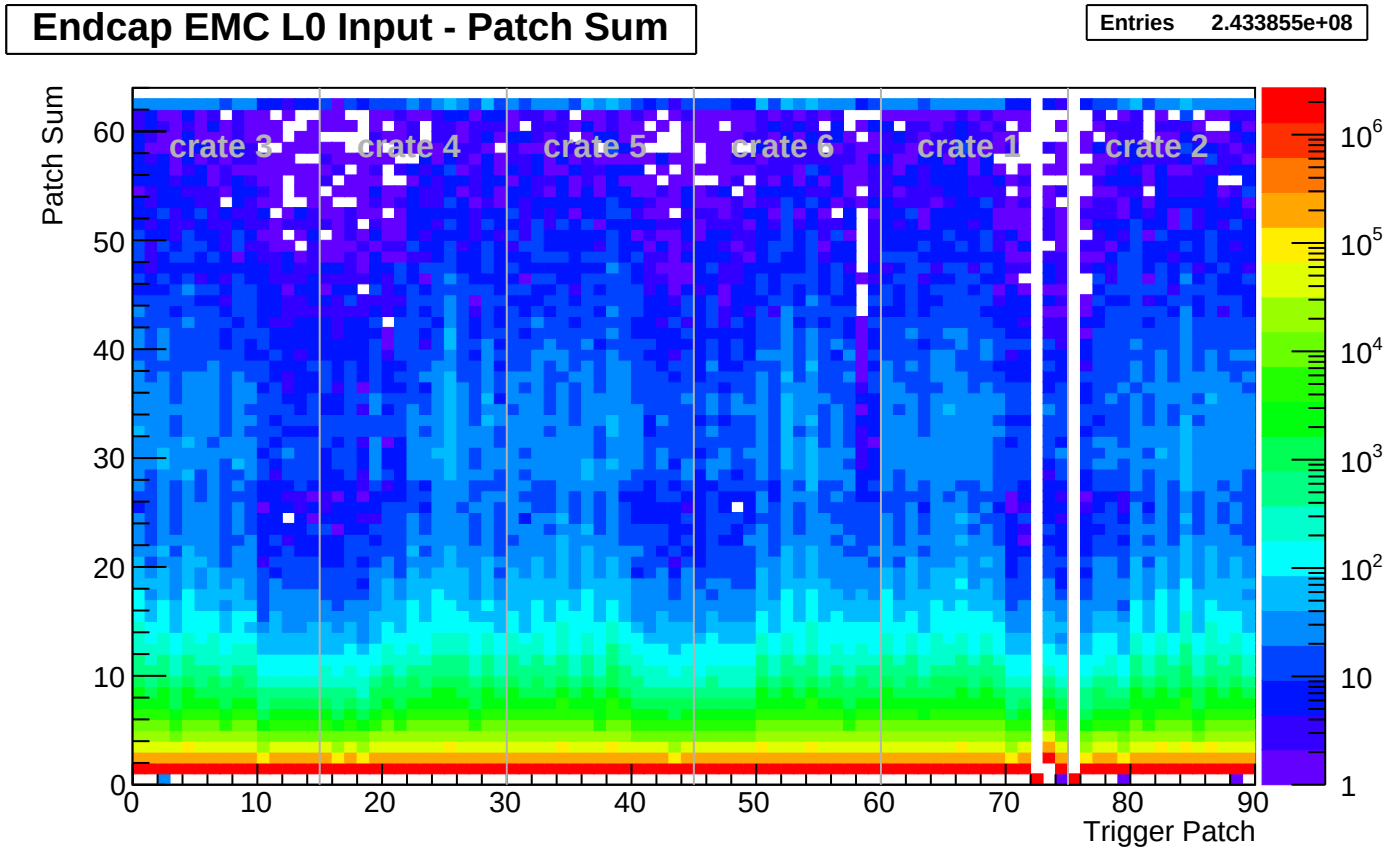
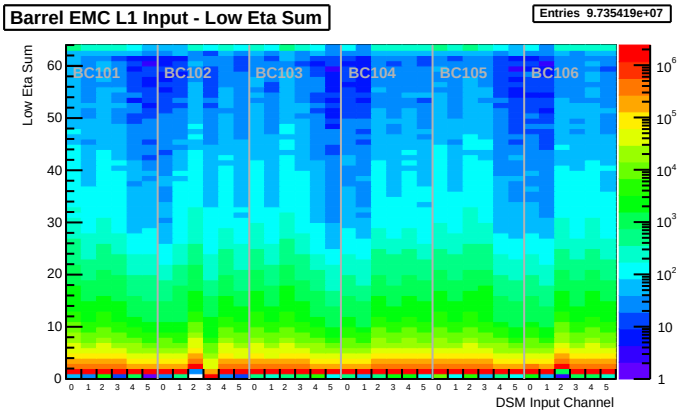
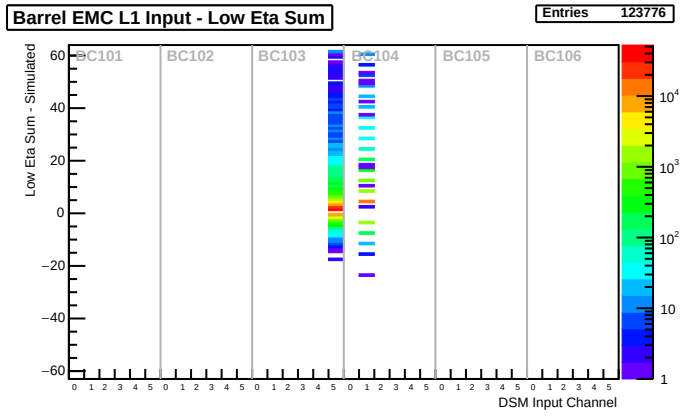

Barrel EMC L0 Input - High Tower
Entries 8.112849e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

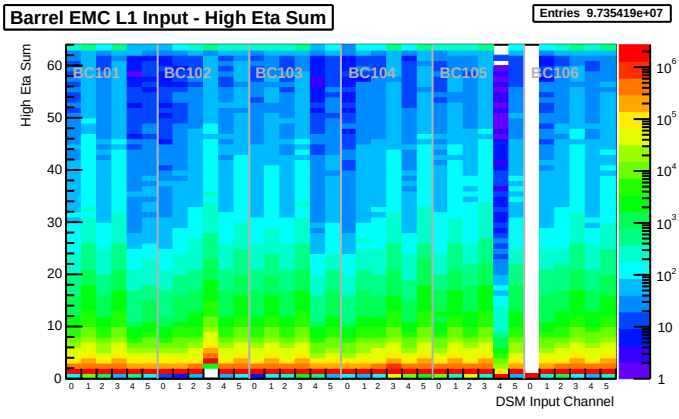

Barrel EMC L0 Input - Patch Sum
Entries 8.112849e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

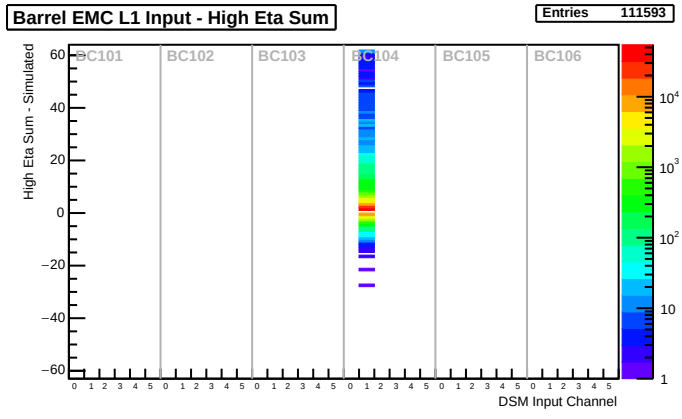

Endcap EMC L0 Input - High Tower
Entries 2.433855e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

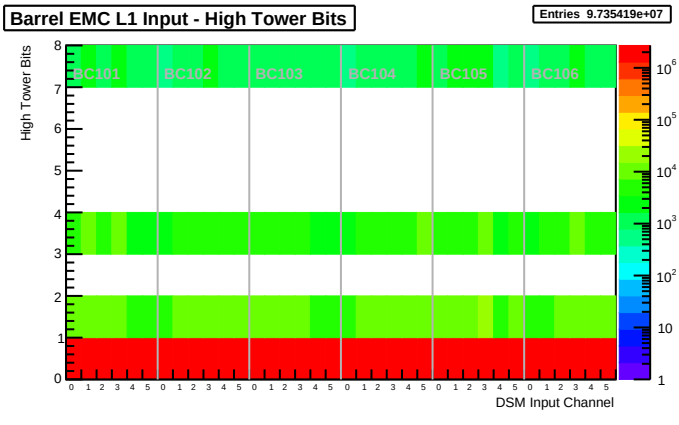

Endcap EMC L0 Input - Patch Sum
Entries 2.433855e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

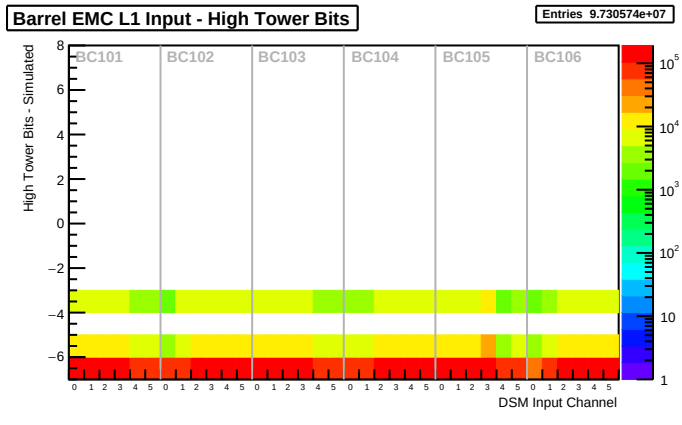

Barrel EMC L1 Input - Low Eta Sum
Entries 9.735419e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

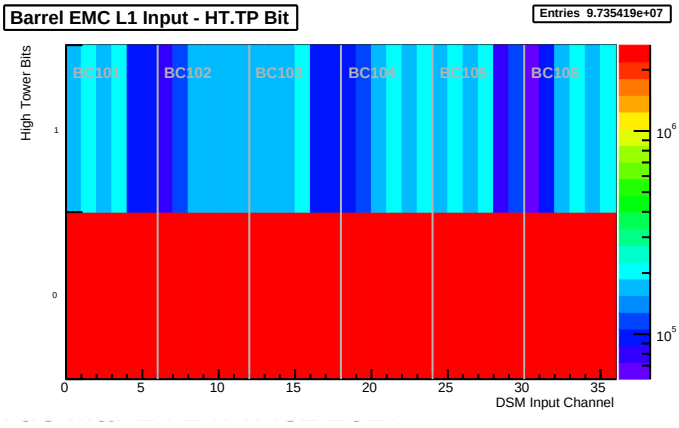

Barrel EMC L1 Input - Low Eta Sum
Entries 123776
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

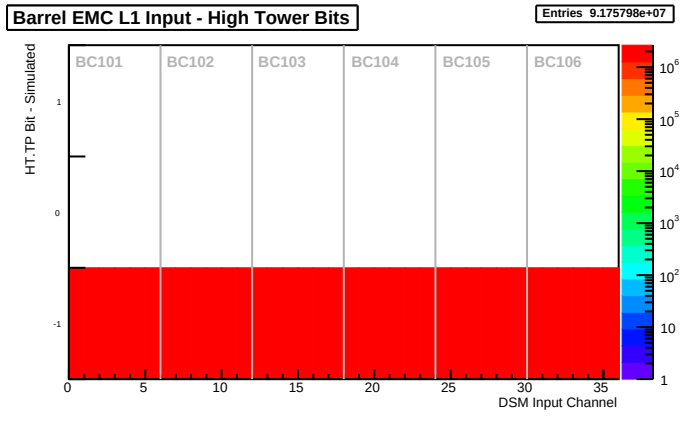

Barrel EMC L1 Input - High Eta Sum
Entries 9.735419e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

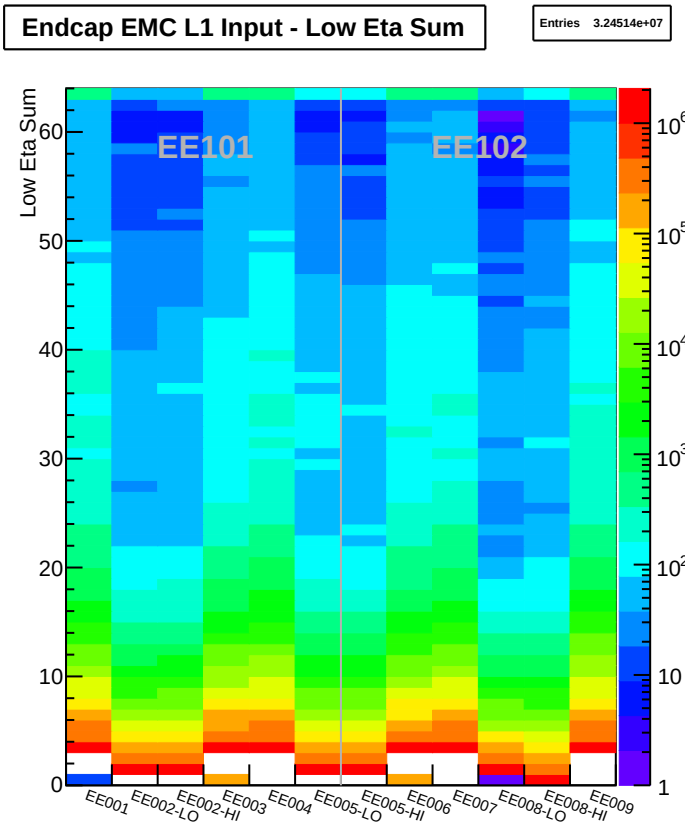

Barrel EMC L1 Input - High Eta Sum
Entries 111593
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

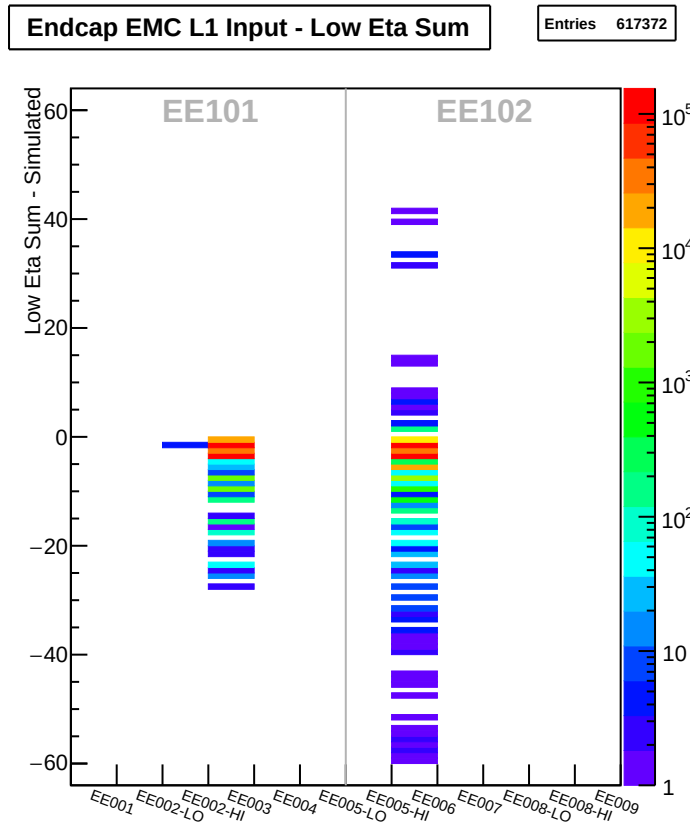

Barrel EMC L1 Input - High Tower Bits
Entries 9.735419e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

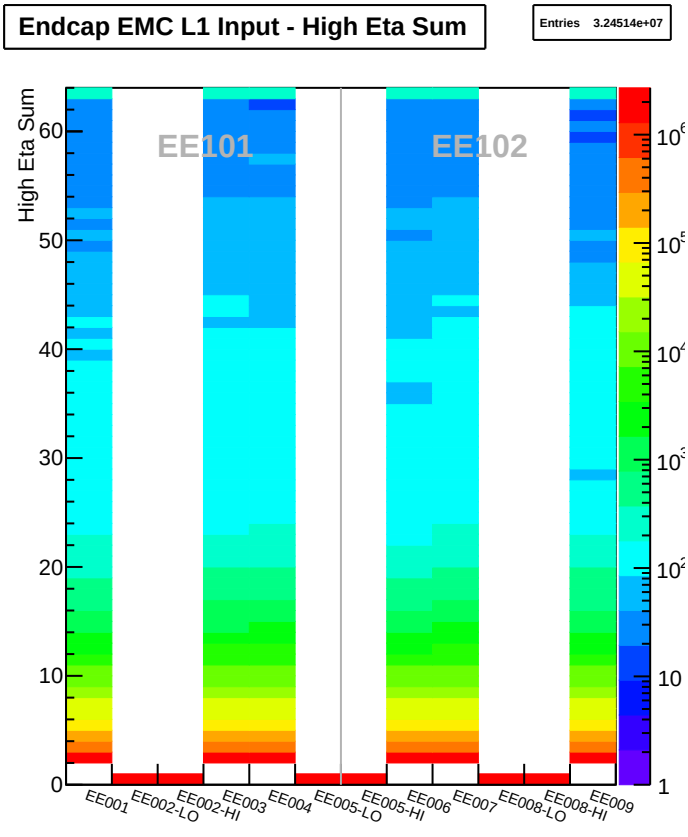

Barrel EMC L1 Input - High Tower Bits
Entries 9.730574e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

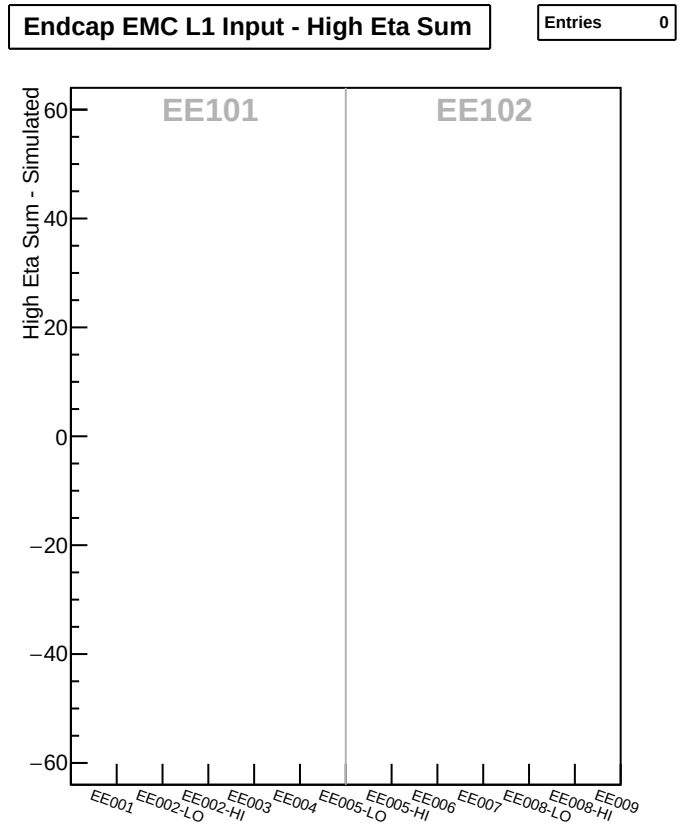

Barrel EMC L1 Input - HT.TP Bit
Entries 9.735419e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

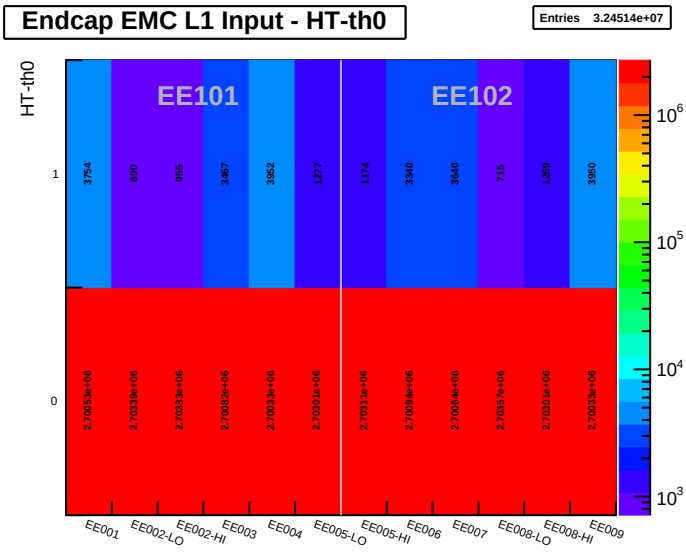

Barrel EMC L1 Input - High Tower Bits
Entries 9.175798e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

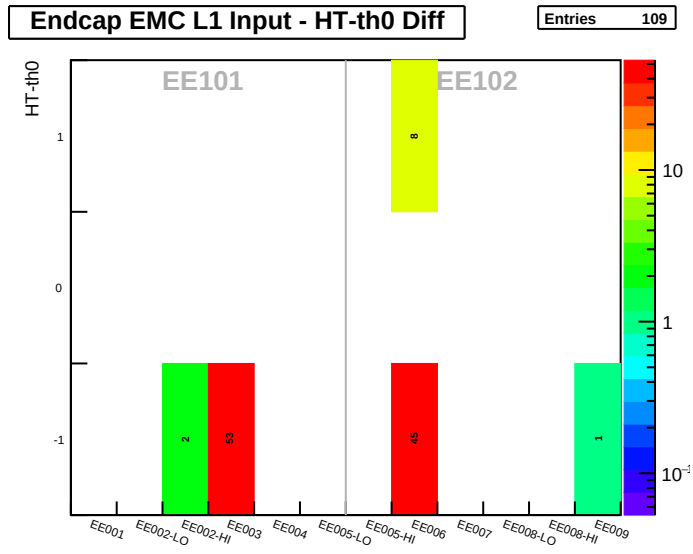

Endcap EMC L1 Input - Low Eta Sum
Entries 3.24514e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

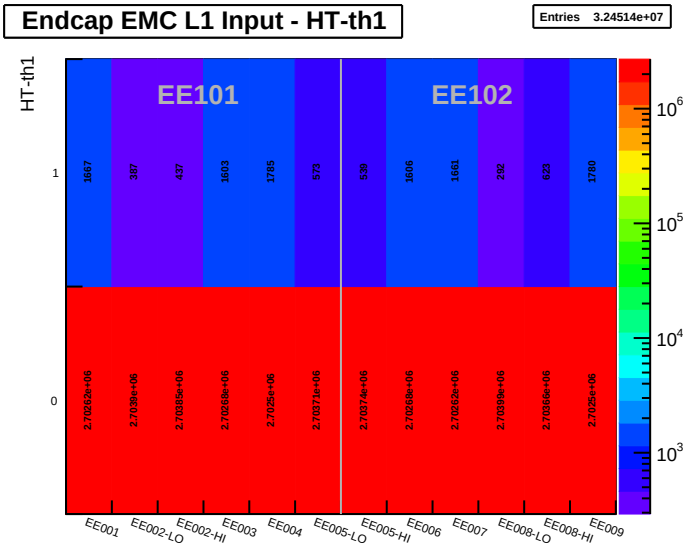

Endcap EMC L1 Input - Low Eta Sum
Entries 617372
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

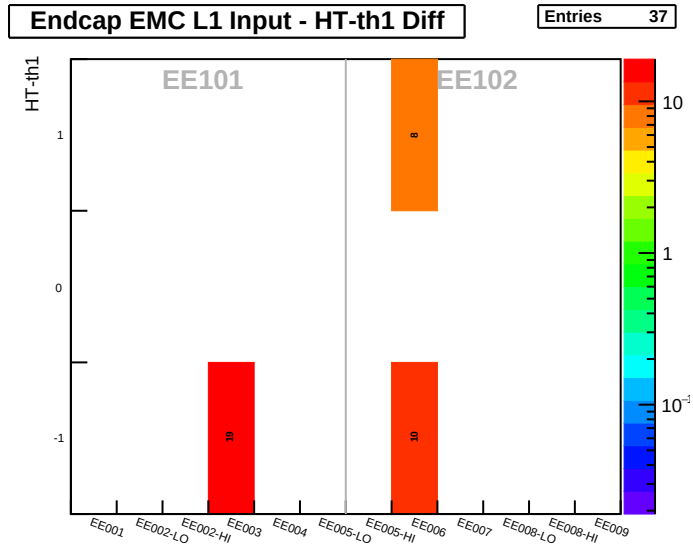

Endcap EMC L1 Input - High Eta Sum
Entries 3.24514e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

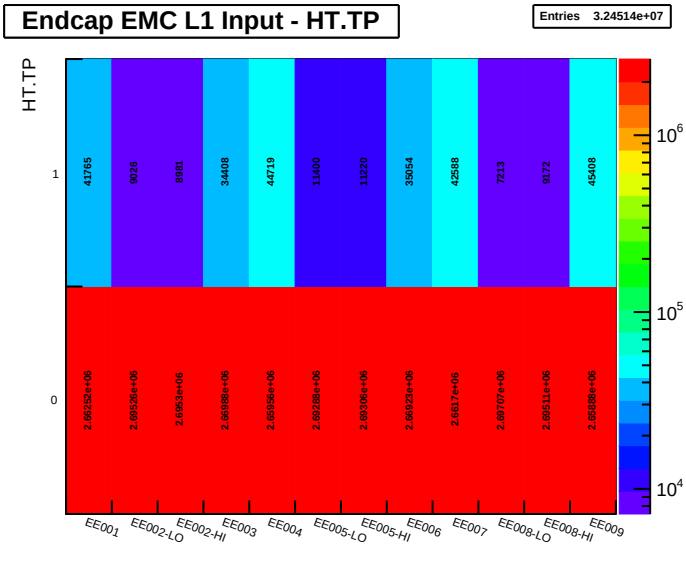

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

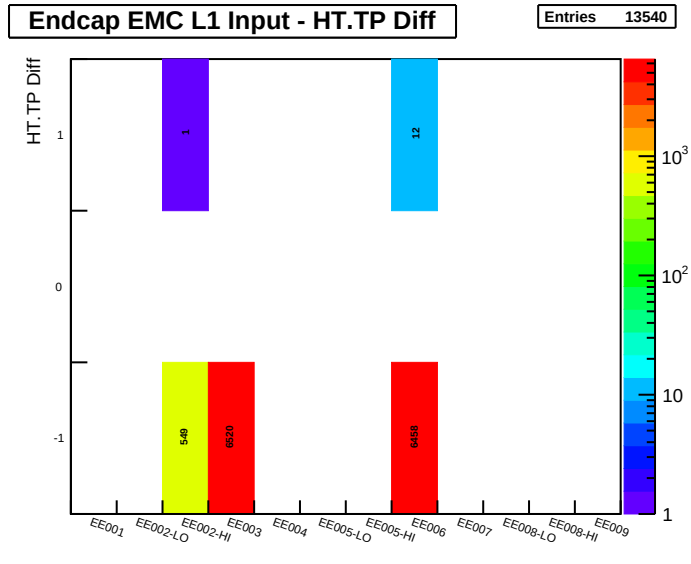

Endcap EMC L1 Input - HT-th0
Entries 3.24514e+07
HT-th0
EE101
EE102
3754 890 955 3467 3952 1277 1174 3340 3640 715 1269 3950
2.70053e+06 2.70039e+06 2.70033e+06 2.70029e+06 2.70033e+06 2.70301e+06 2.70311e+06 2.70094e+06 2.70064e+06 2.70357e+06 2.70301e+06 2.70033e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

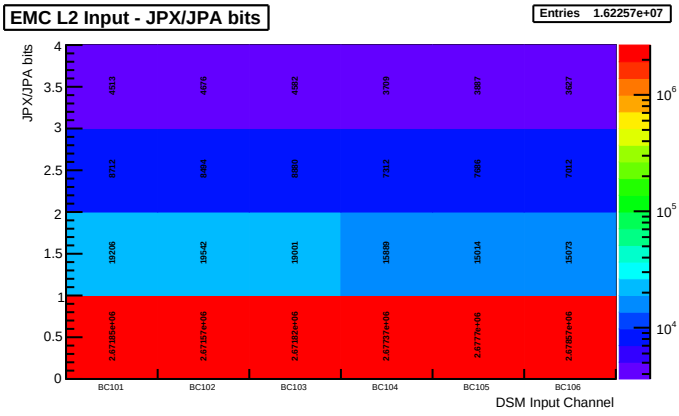

Endcap EMC L1 Input - HT-th0 Diff
Entries 109
HT-th0
EE101
EE102
8
2 53 45 1
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

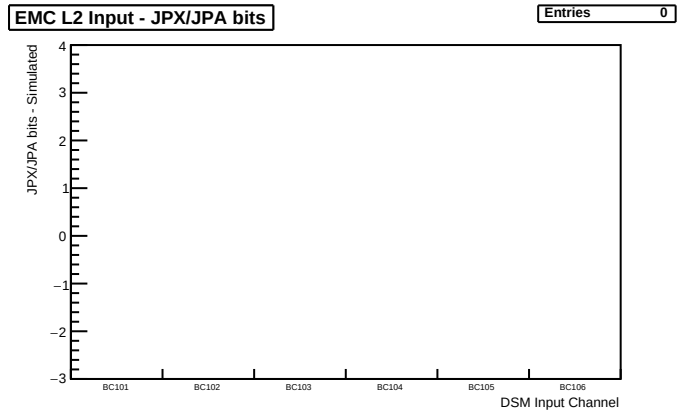

Endcap EMC L1 Input - HT-th1
Entries 3.24514e+07
HT-th1
EE101
EE102
1667 387 437 1603 1785 573 538 1606 1661 292 623 1780
2.70262e+06 2.7039e+05 2.70385e+06 2.70268e+06 2.7025e+06 2.70371e+06 2.70374e+06 2.70268e+06 2.70252e+06 2.70390e+06 2.70366e+06 2.7025e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

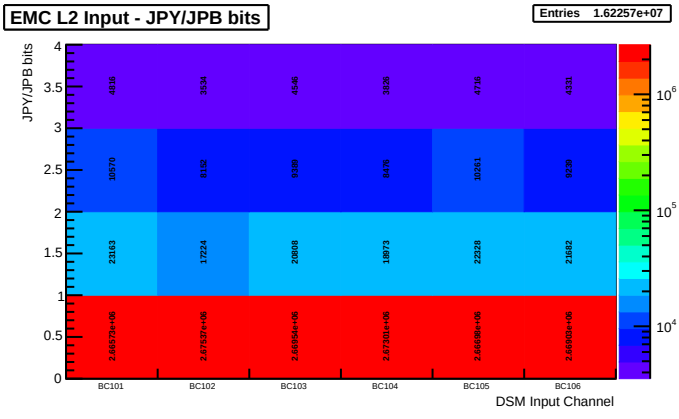

Endcap EMC L1 Input - HT-th1 Diff
Entries 37
HT-th1
EE101
EE102
8
19 10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

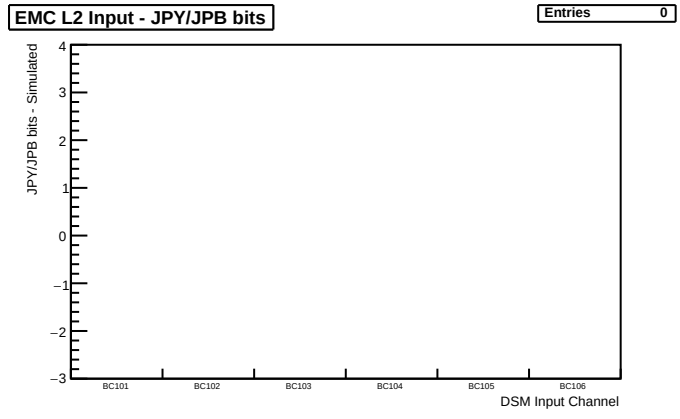

Endcap EMC L1 Input - HT.TP
Entries 3.24514e+07
HT.TP
41765 9026 8831 34408 44719 11400 11220 35054 42588 7213 9172 45408
2.66252e+06 2.69526e+05 2.69532e+06 2.66998e+06 2.65956e+06 2.69288e+05 2.66306e+06 2.66922e+06 2.66617e+06 2.66707e+06 2.66511e+06 2.65888e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

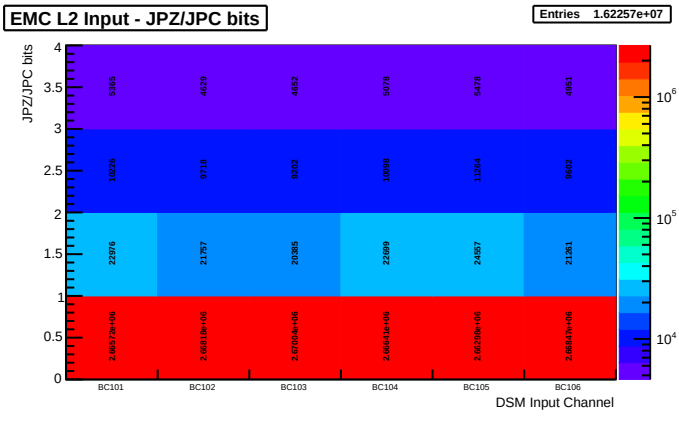

Endcap EMC L1 Input - HT.TP Diff
Entries 13540
HT.TP Diff
1
12
549 6520 6458
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

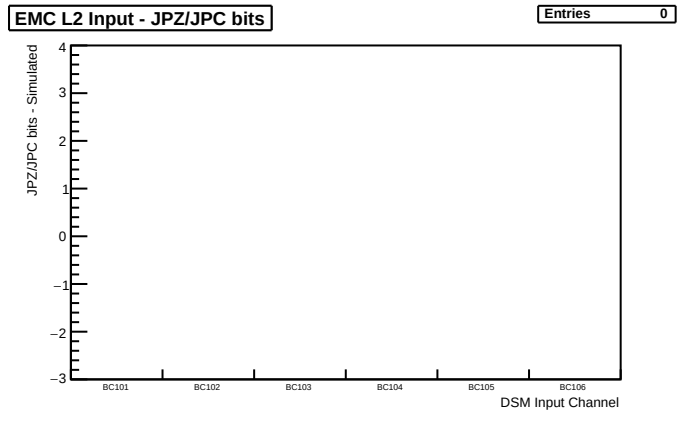

EMC L2 Input - JPX/JPA bits
Entries 1.62257e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

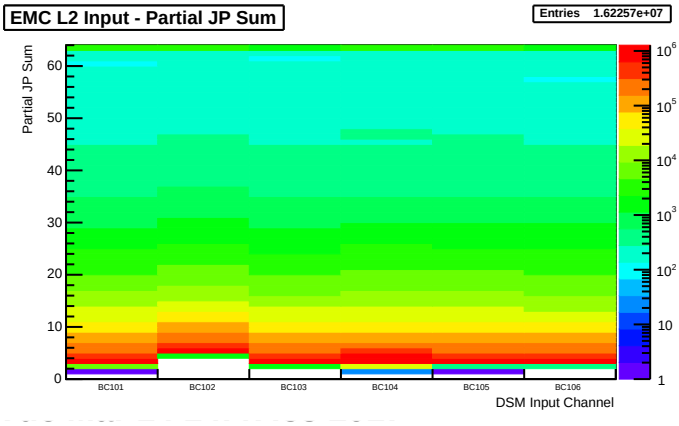

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

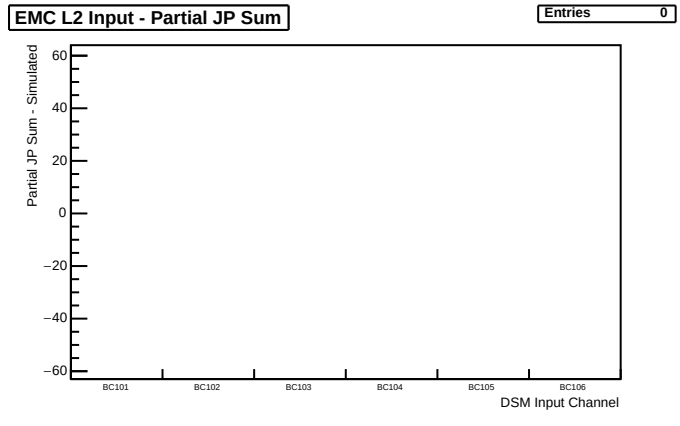

EMC L2 Input - JPY/JPB bits
Entries 1.62257e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

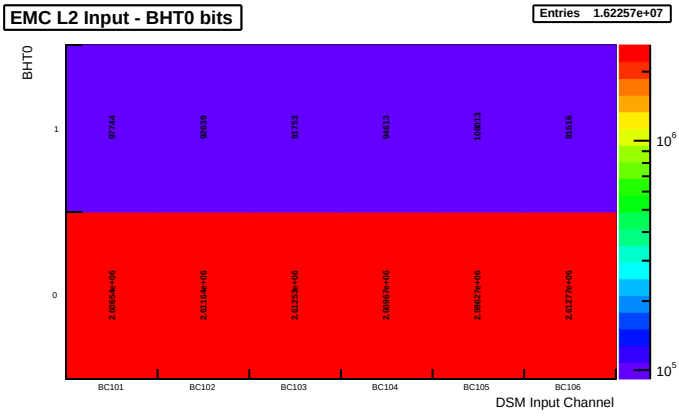

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

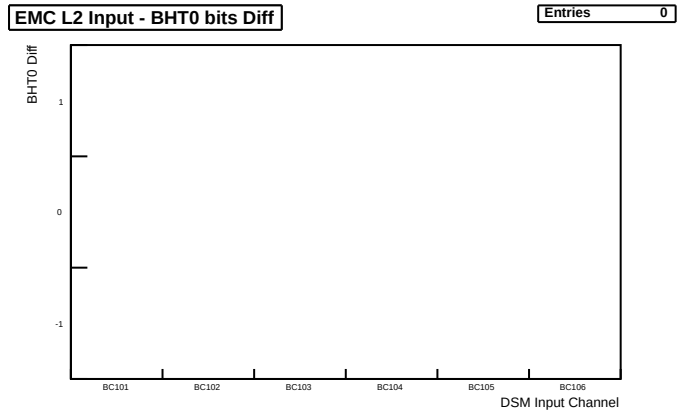

EMC L2 Input - JPZ/JPC bits
Entries 1.62257e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

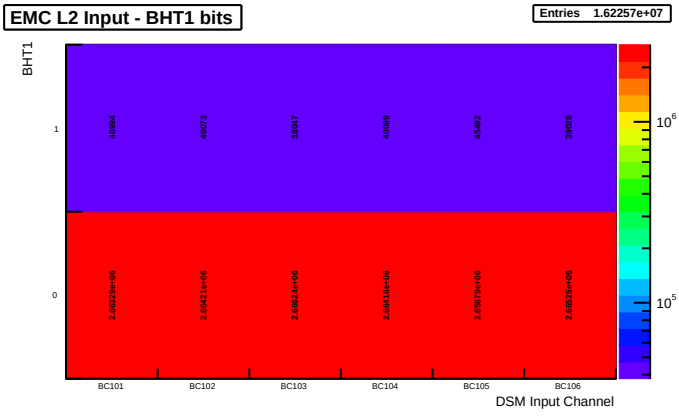

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

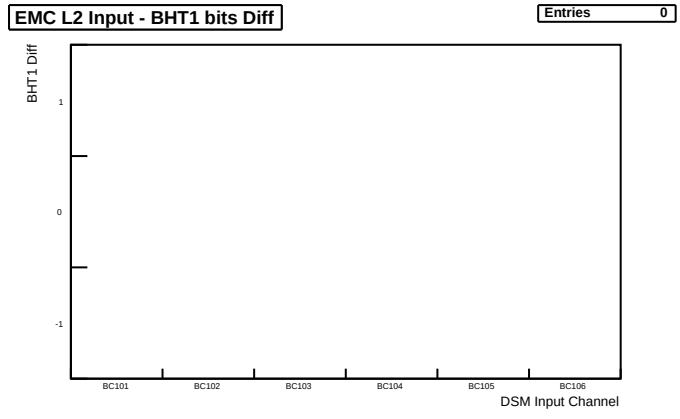

EMC L2 Input - Partial JP Sum
Entries 1.62257e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

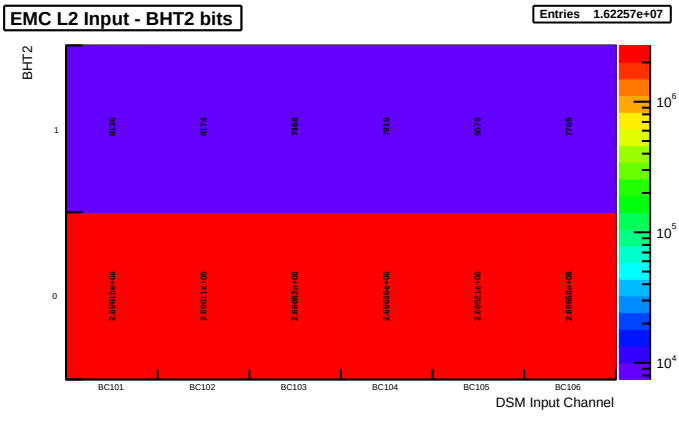

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

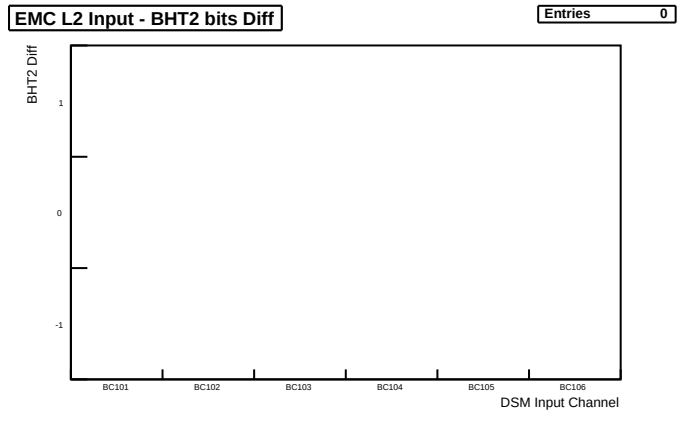

EMC L2 Input - BHT0 bits
Entries 1.62257e+07
BHT0
1
0
97744
92539
91753
94613
108013
91516
2.60654e+06
2.61164e+06
2.61253e+06
2.60957e+06
2.59627e+06
2.61277e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

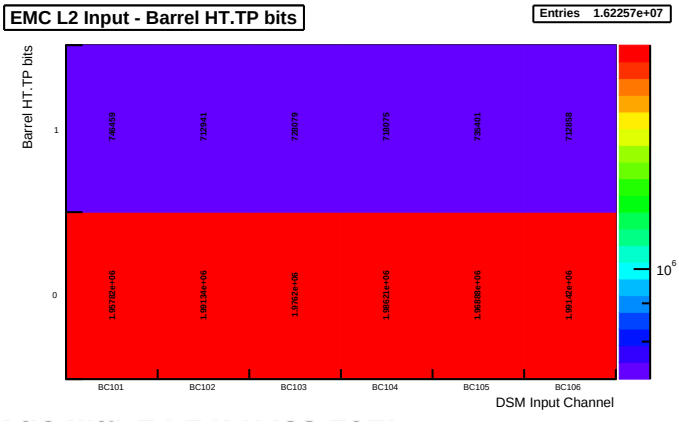

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

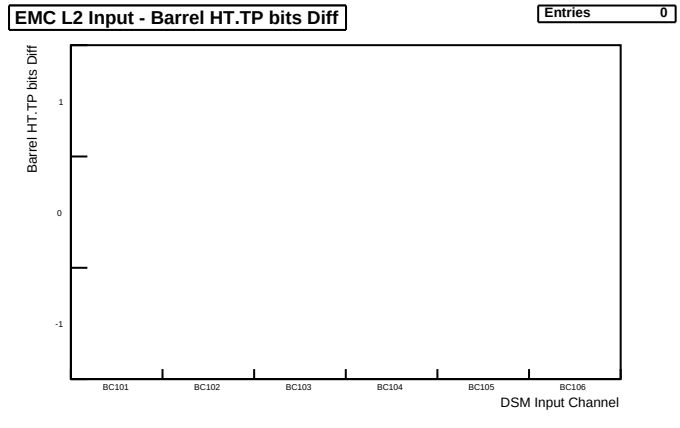

EMC L2 Input - BHT1 bits
Entries 1.62257e+07
BHT1
1
0
40994
40073
39047
40099
45452
39029
2.66329e+06
2.66421e+06
2.66524e+06
2.66418e+06
2.65979e+06
2.66525e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

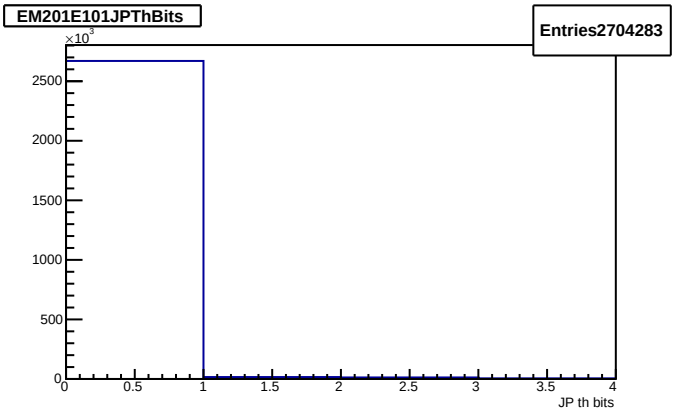

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

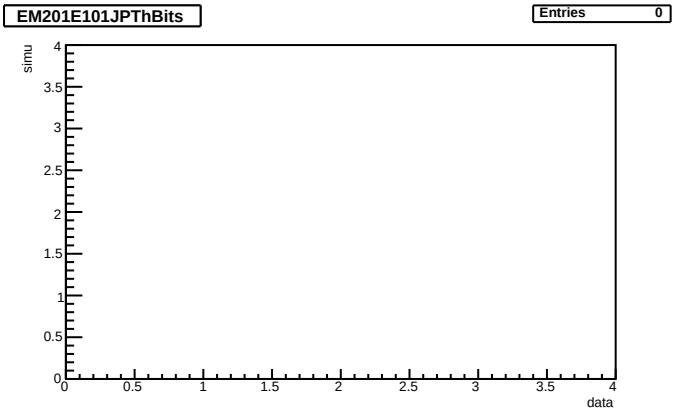

EMC L2 Input - BHT2 bits
Entries 1.62257e+07
BHT2
1
0
8136
8174
7463
7919
9075
7705
2.69815e+06
2.69811e+06
2.69862e+06
2.69836e+06
2.69521e+06
2.69858e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5
10^4

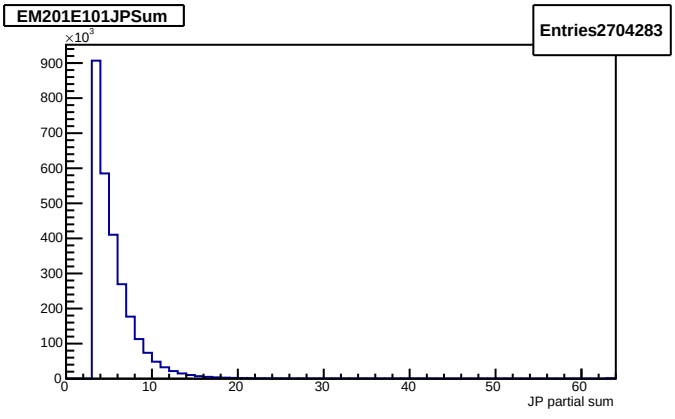

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

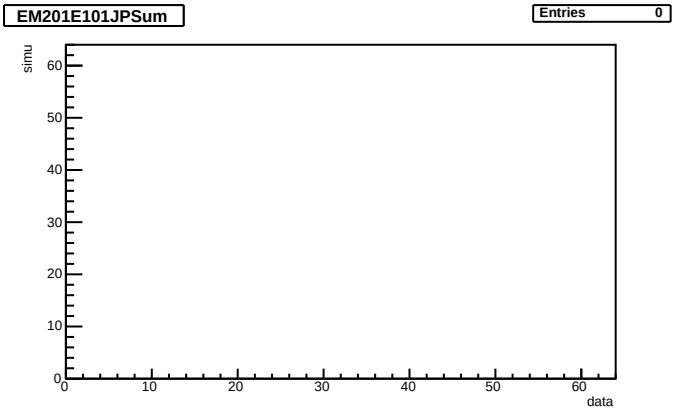

EMC L2 Input - Barrel HT.TP bits
Entries 1.62257e+07
Barrel HT.TP bits
1
0
746459
712941
728079
719075
735401
712853
1.95782e+06
1.99134e+06
1.97622e+06
1.98621e+06
1.96888e+06
1.99182e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

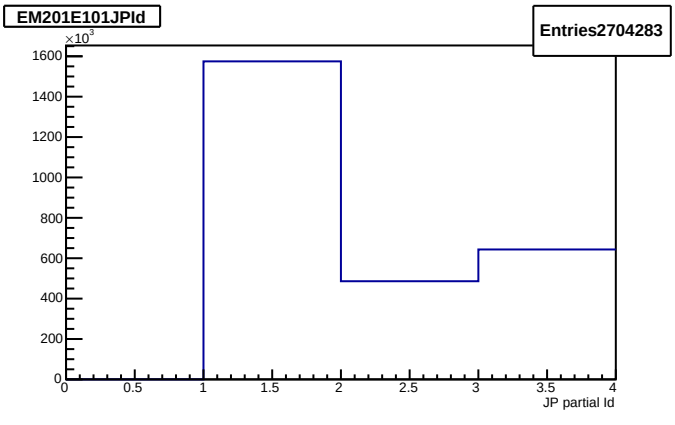

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

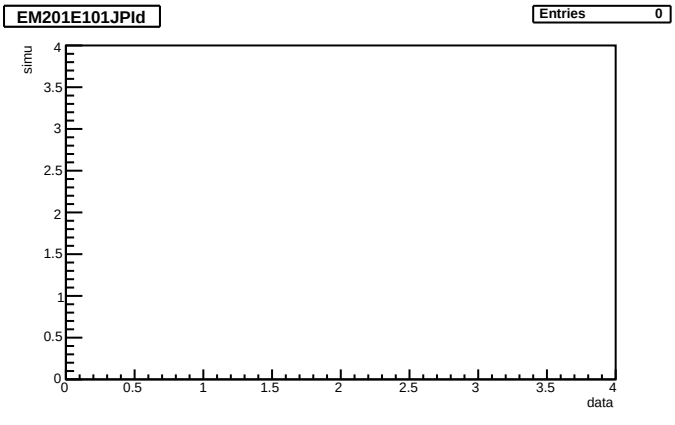

EM201E101JPThBits
Entries2704283
×10^3
JP th bits

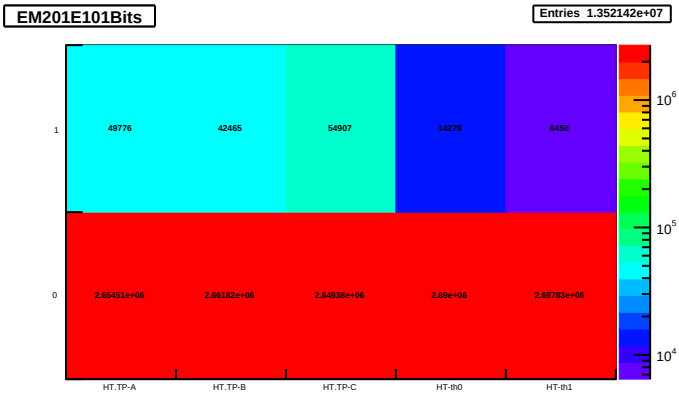

EM201E101JPThBits
Entries 0
simu
data

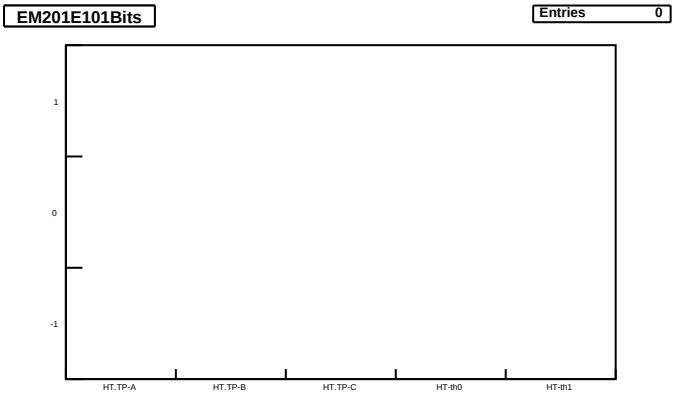

EM201E101JPSum
Entries2704283
×10^3
JP partial sum

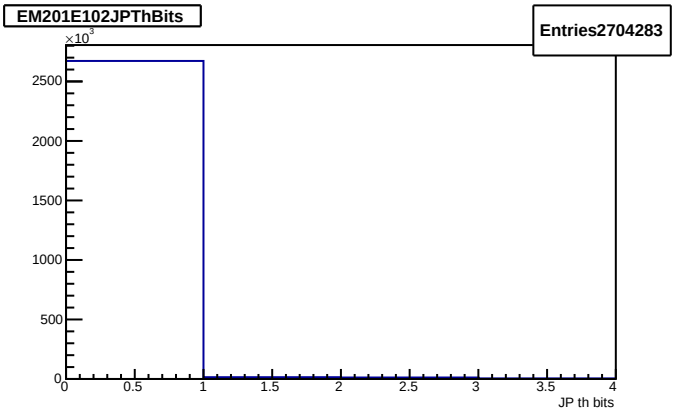

EM201E101JPSum
Entries 0
simu
data

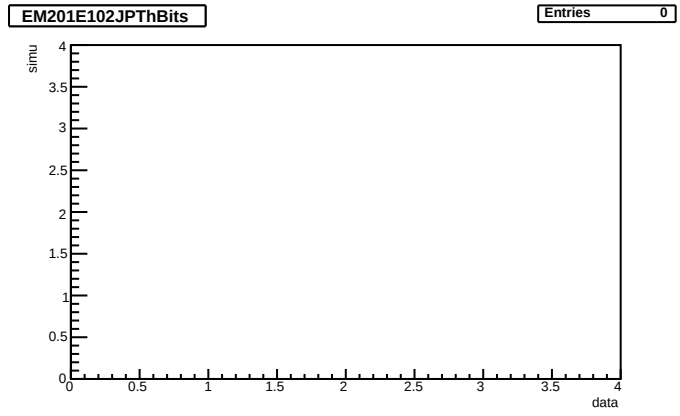

EM201E101JPId
Entries2704283
×10^3
JP partial Id

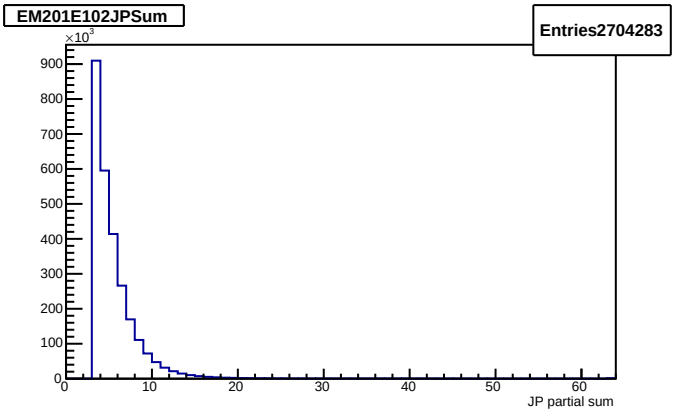

EM201E101JPId
Entries 0
simu
data

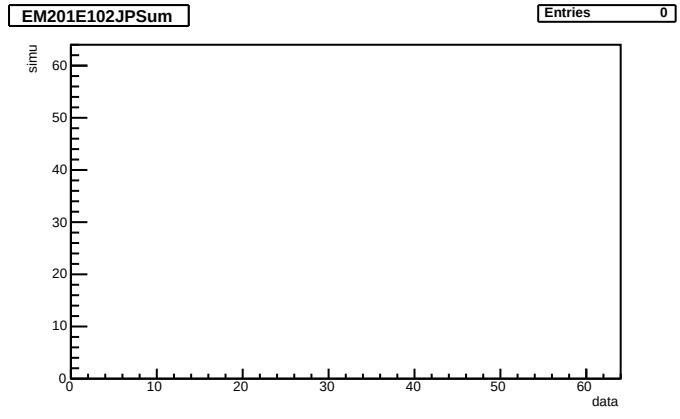

EM201E101Bits
Entries 1.352142e+07
49776
42465
54907
14278
6450
2.65451e+06
2.66182e+06
2.64938e+06
2.69e+06
2.69783e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

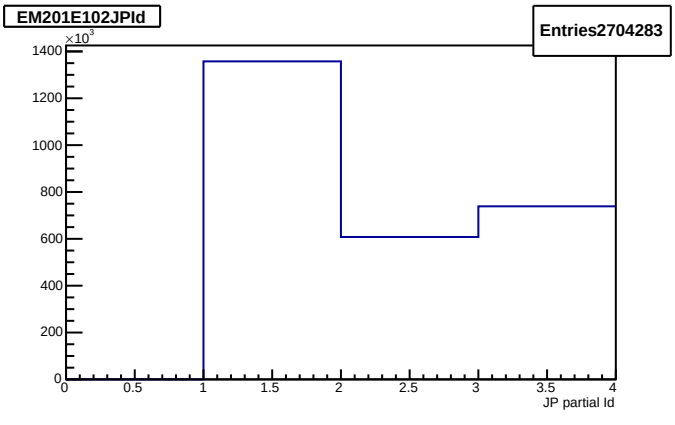

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

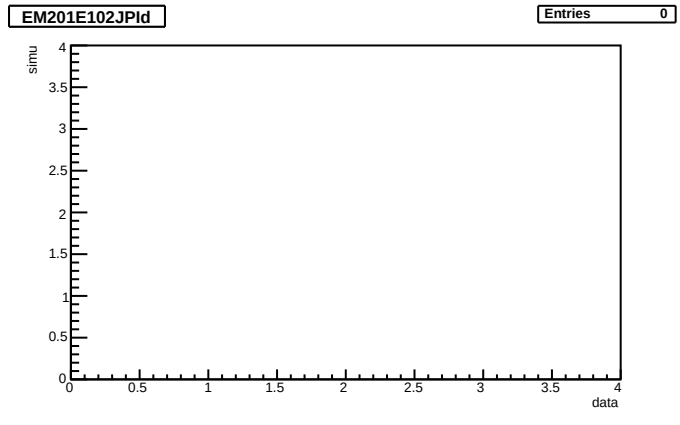

EM201E102JPThBits
Entries2704283
×10^3
JP th bits

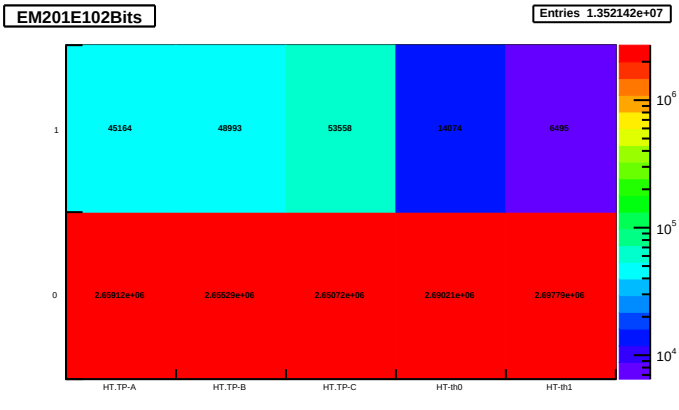

EM201E102JPThBits
Entries 0
simu
data

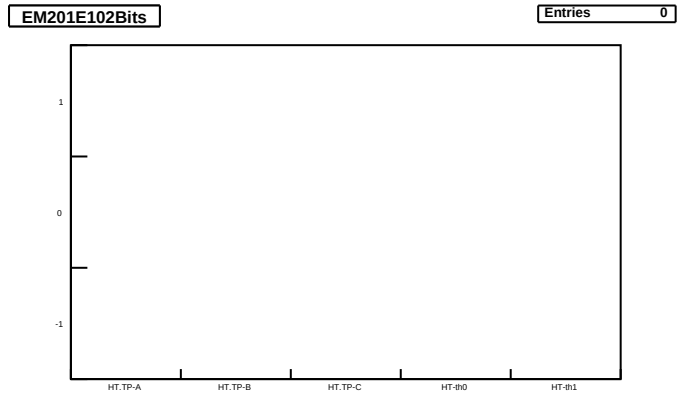

EM201E102JPSum
Entries2704283
×10^3
JP partial sum

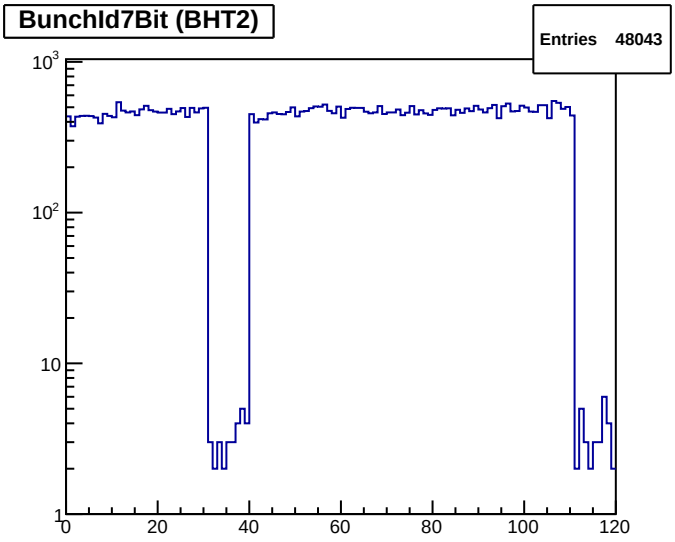

EM201E102JPSum
Entries 0
simu
data

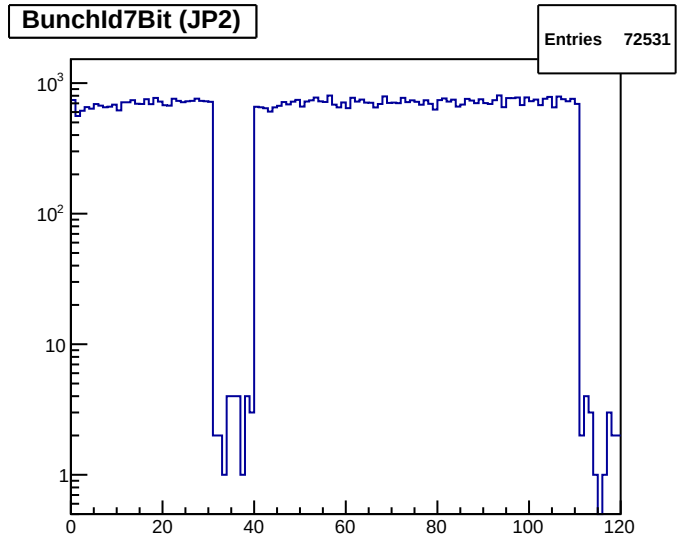

EM201E102JPId
Entries2704283
×10^3
JP partial Id

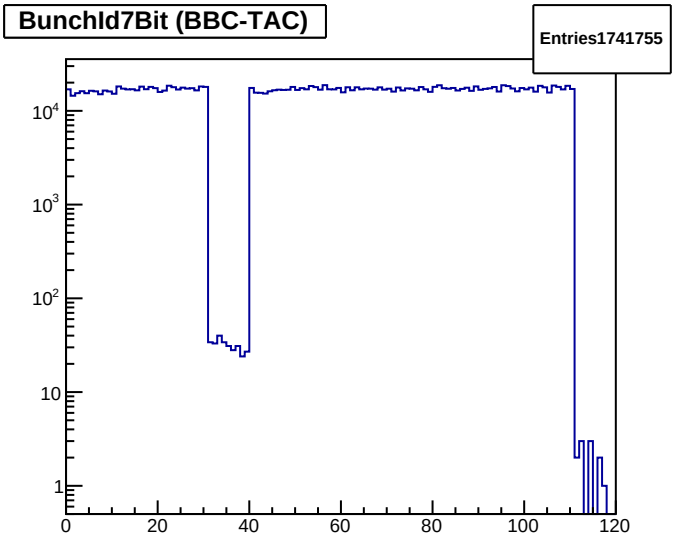

EM201E102JPId
Entries 0
simu
data

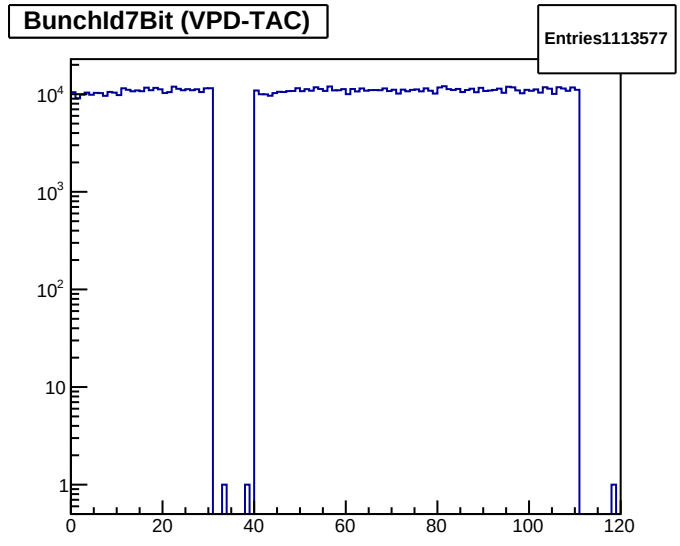

EM201E102Bits
Entries 1.352142e+07
45164
48993
53558
14074
6495
2.65912e+06
2.65529e+06
2.65072e+06
2.69021e+06
2.69779e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

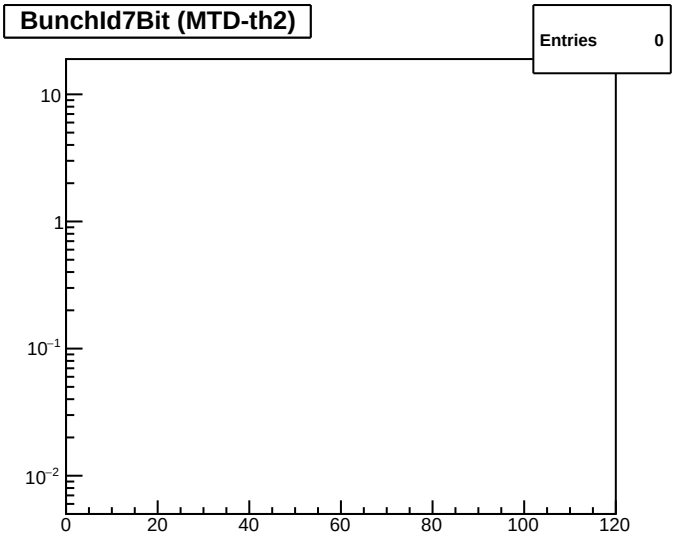

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

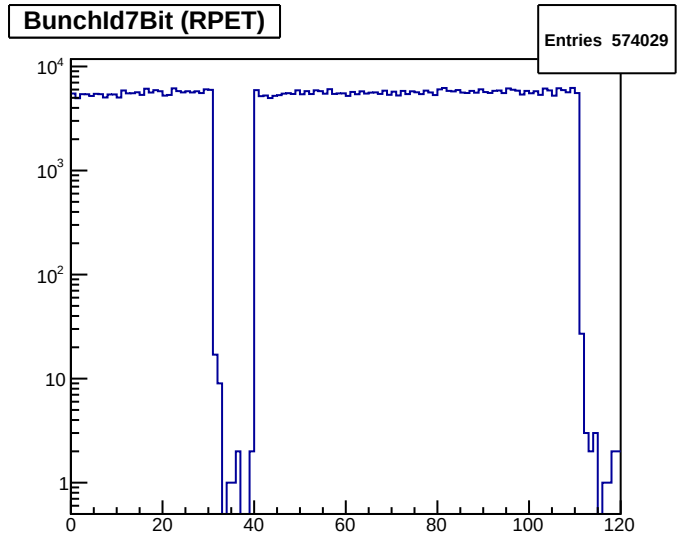

BunchId7Bit (BHT2)
Entries 48043

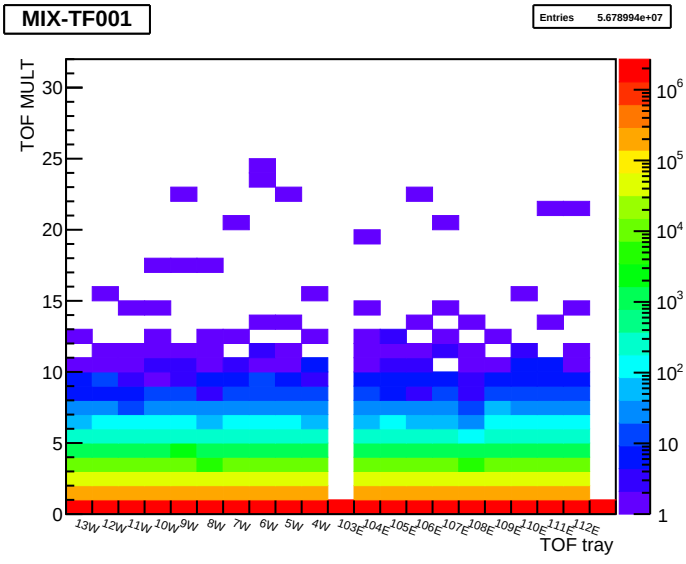

BunchId7Bit (JP2)
Entries 72531

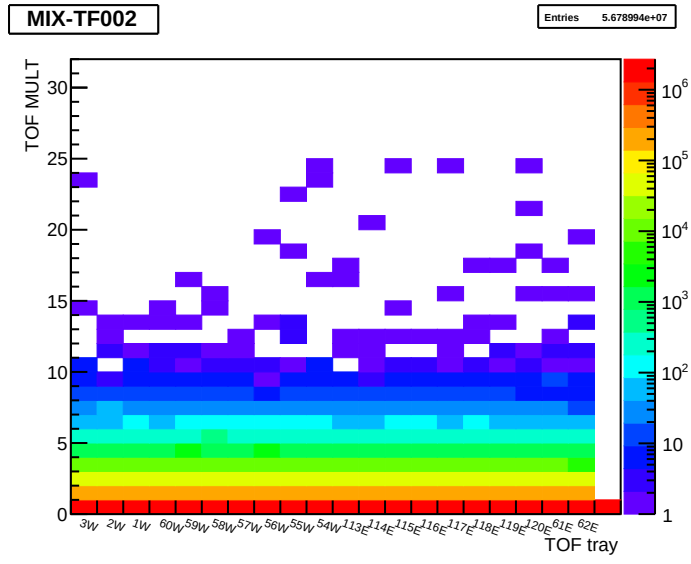

BunchId7Bit (BBC-TAC)
Entries1741755

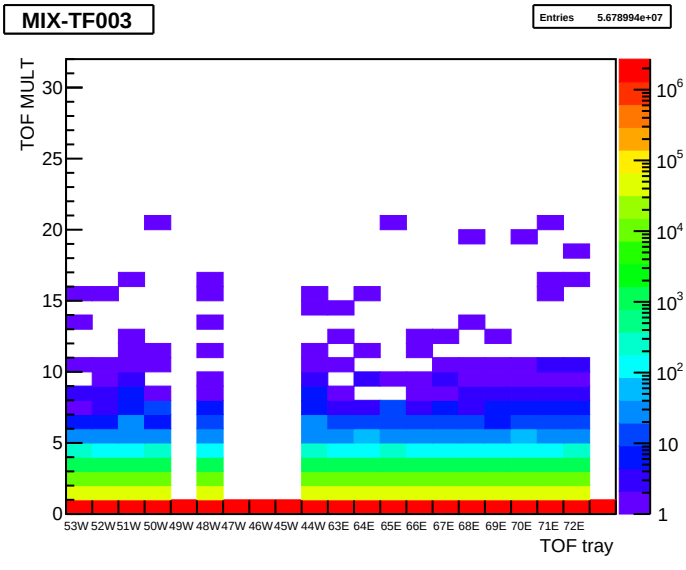

BunchId7Bit (VPD-TAC)
Entries1113577

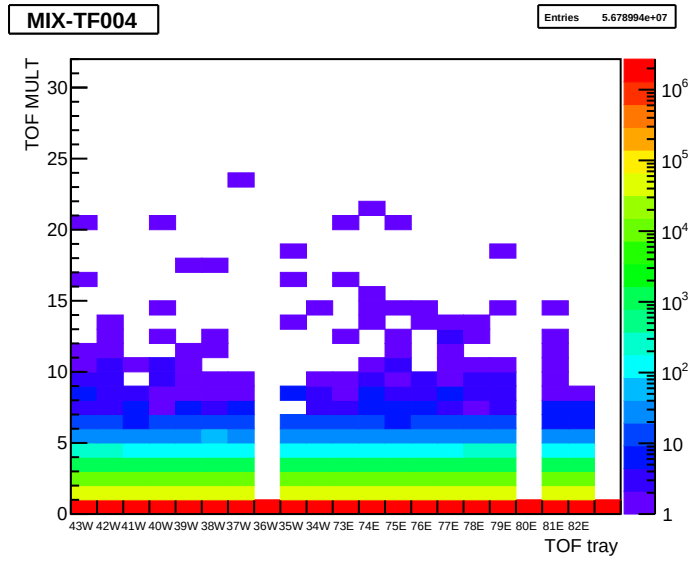

BunchId7Bit (MTD-th2)
Entries 0

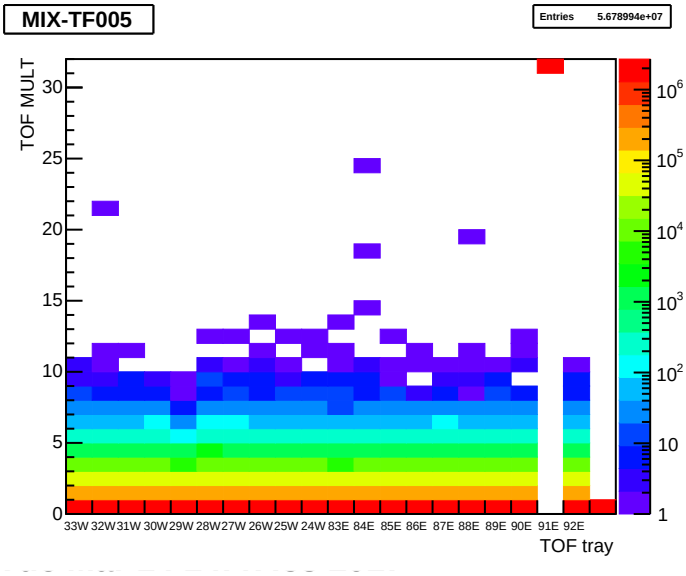

BunchId7Bit (RPET)
Entries 574029

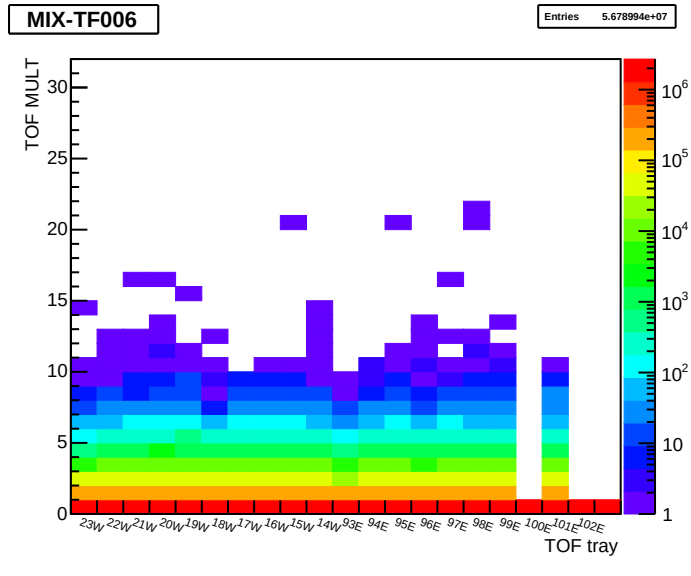

MIX-TF001
Entries 5.678994e+07
TOF MULT
TOF tray

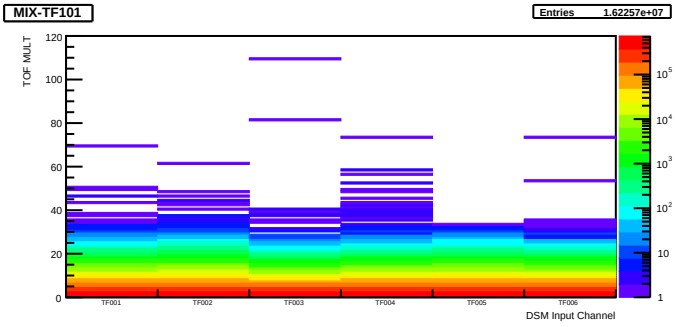

MIX-TF002
Entries 5.678994e+07
TOF MULT
TOF tray

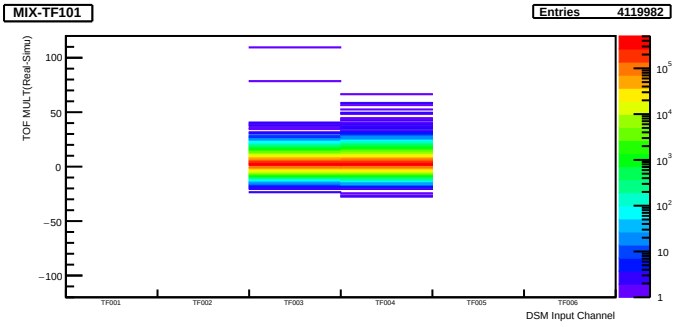

MIX-TF003
Entries 5.678994e+07
TOF MULT
TOF tray

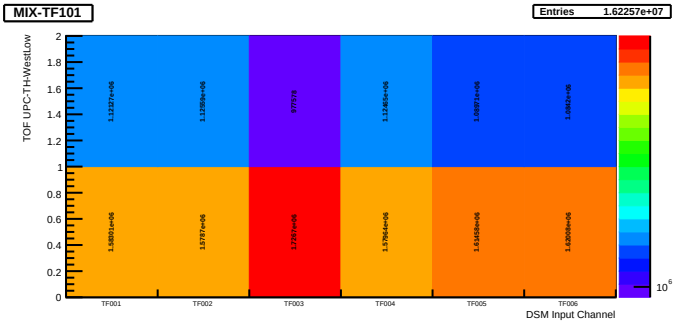

MIX-TF004
Entries 5.678994e+07
TOF MULT
TOF tray

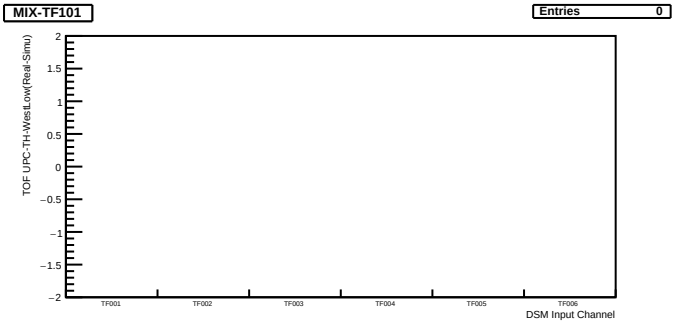

MIX-TF005
Entries 5.678994e+07
TOF MULT
TOF tray

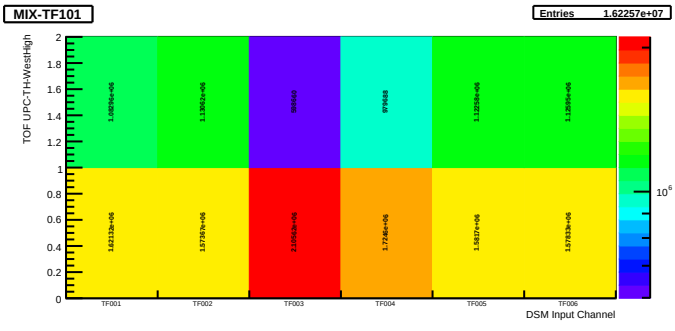

MIX-TF006
Entries 5.678994e+07
TOF MULT
TOF tray

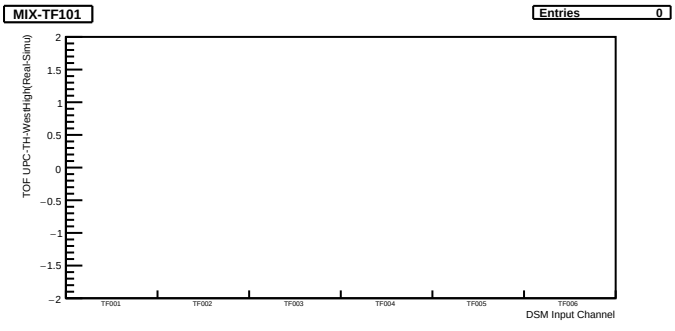

MIX-TF101
Entries 1.62257e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

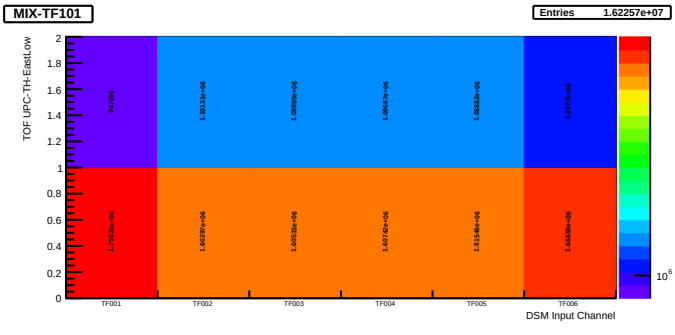

MIX-TF101
Entries 4119982
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

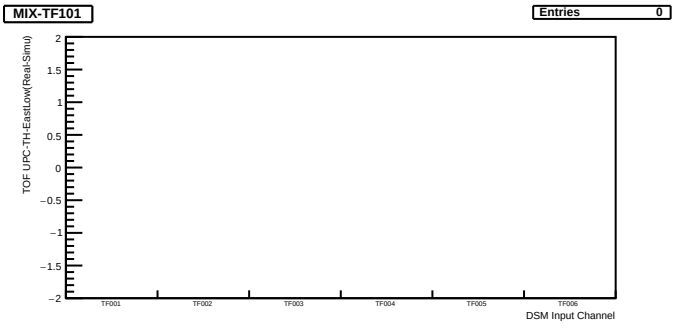

MIX-TF101
Entries 1.62257e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

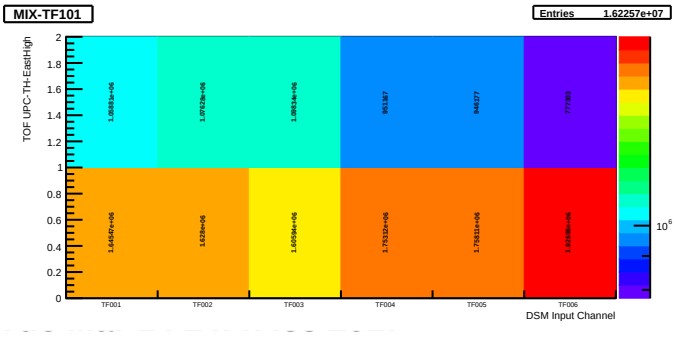

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

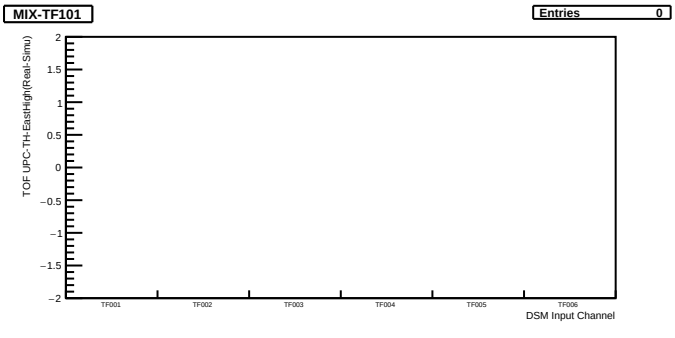

MIX-TF101
Entries 1.62257e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

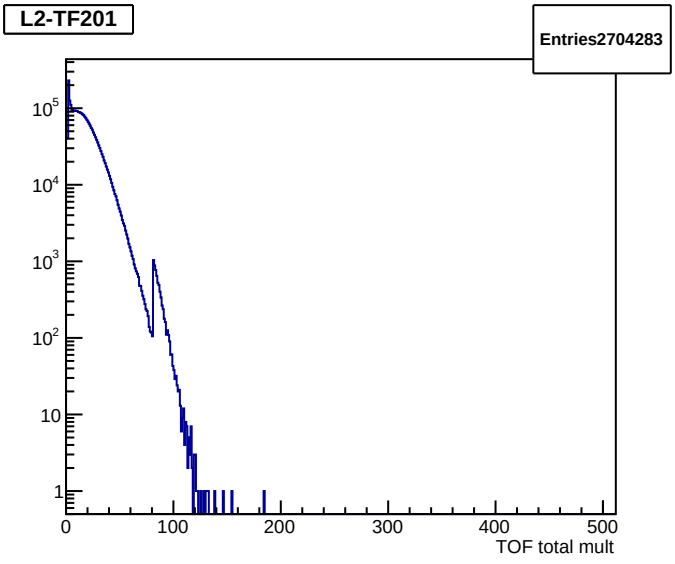

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

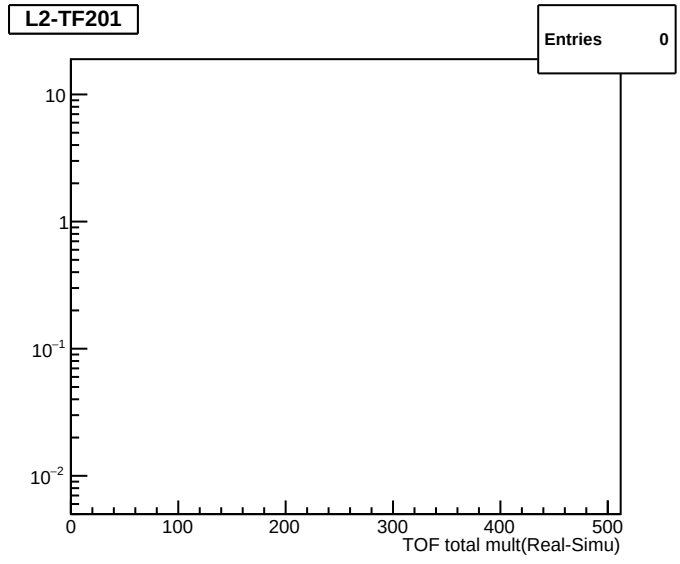

MIX-TF101
Entries 1.62257e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

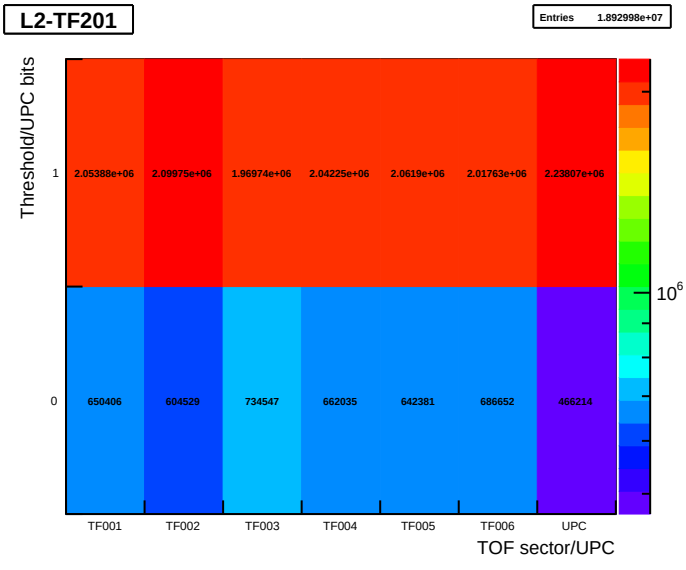

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

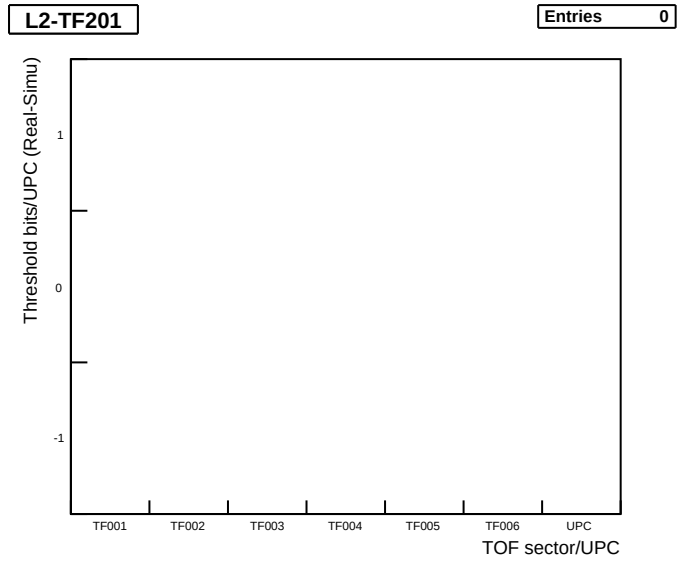

MIX-TF101
Entries 1.62257e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

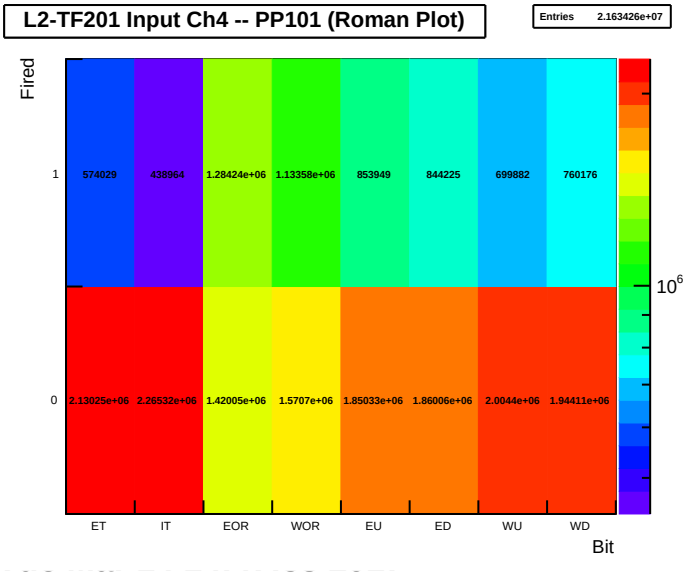

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

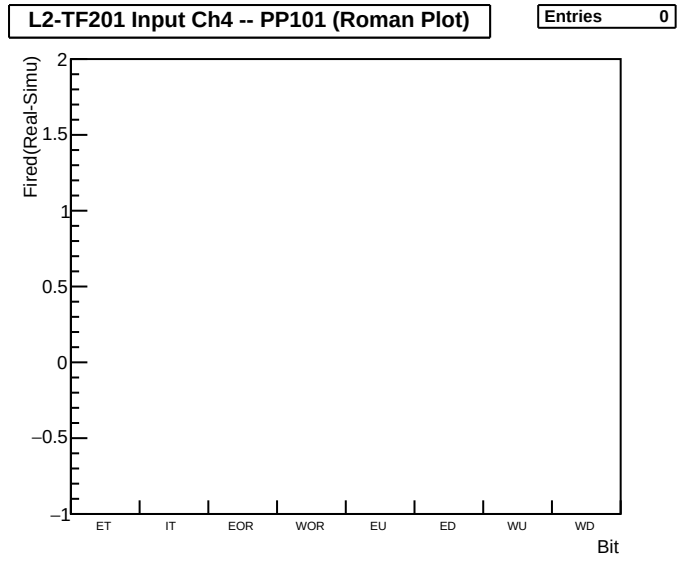

L2-TF201
Entries2704283
TOF total mult

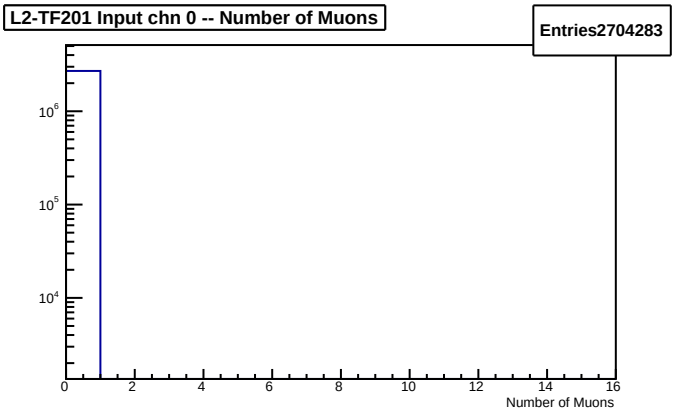

L2-TF201
Entries 0
TOF total mult(Real-Simu)

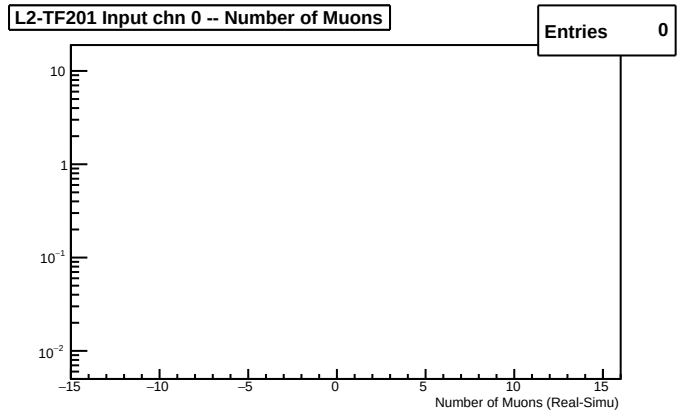

L2-TF201
Entries 1.892998e+07
Threshold/UPC bits
2.05388e+06
2.09975e+06
1.96974e+06
2.04225e+06
2.0619e+06
2.01763e+06
2.23807e+06
650406
604529
734547
662035
642381
686652
466214
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

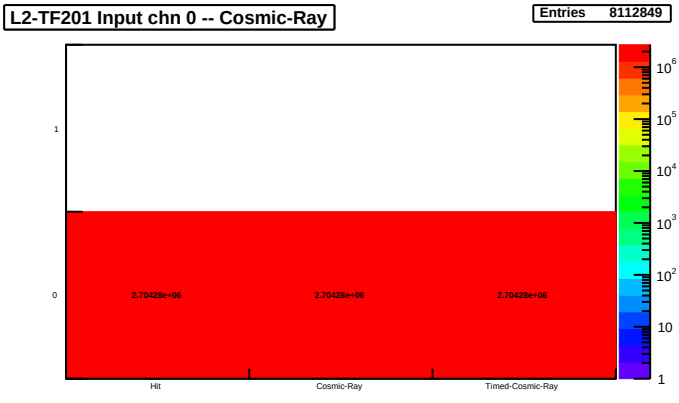

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

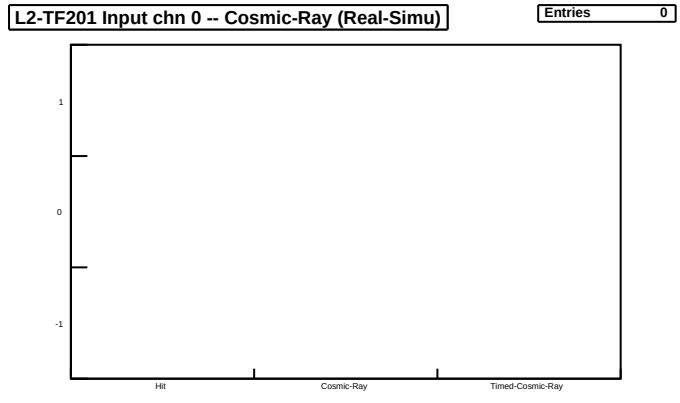

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.163426e+07
Fired
574029
438964
1.28424e+06
1.13358e+06
853949
844225
699882
760176
2.13025e+06
2.26532e+06
1.42005e+06
1.5707e+06
1.85033e+06
1.86006e+06
2.0044e+06
1.94411e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

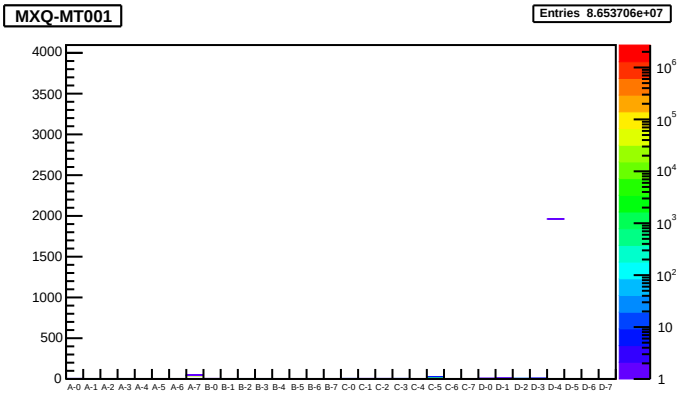

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

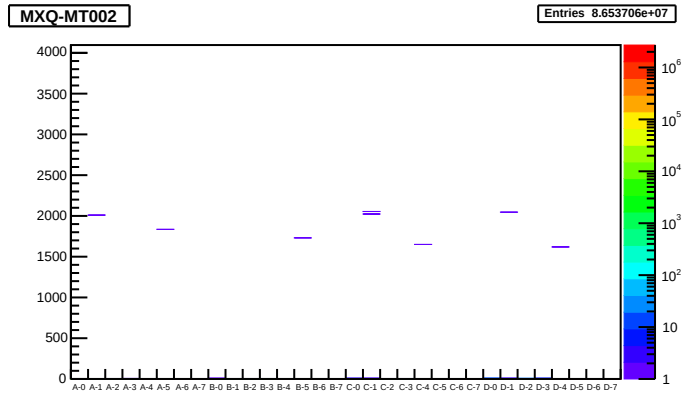

L2-TF201 Input chn 0 -- Number of Muons
Entries2704283
Number of Muons


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


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 8112849
2.70428e+06
2.70428e+06
2.70428e+06
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 8.653706e+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
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 8.653706e+07
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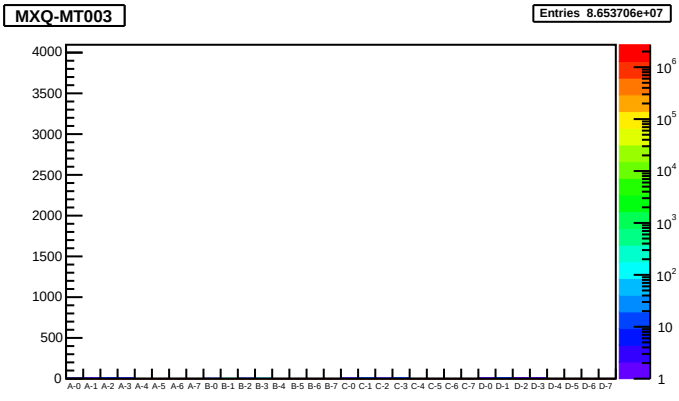
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 8.653706e+07
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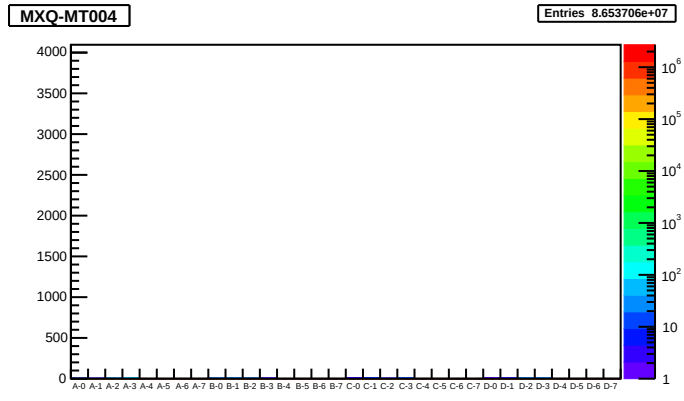
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 8.653706e+07
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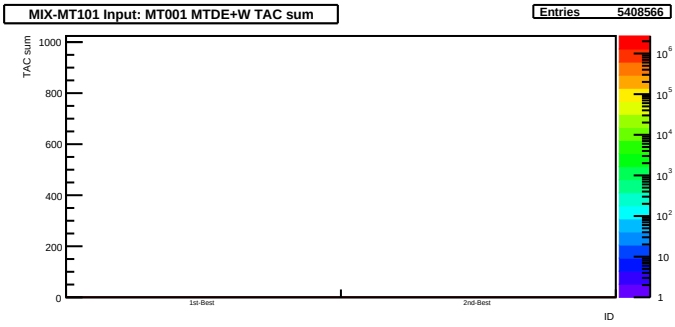
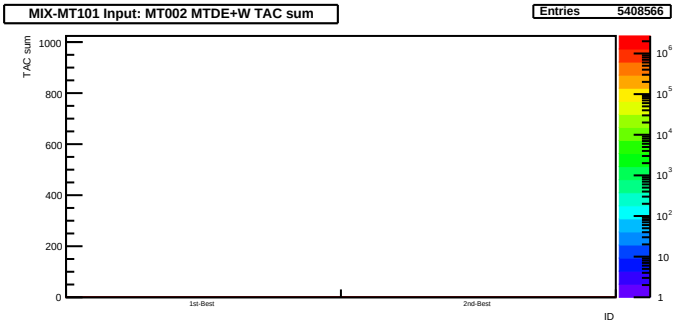
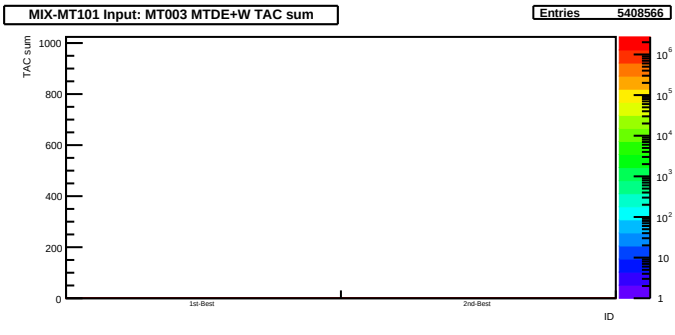
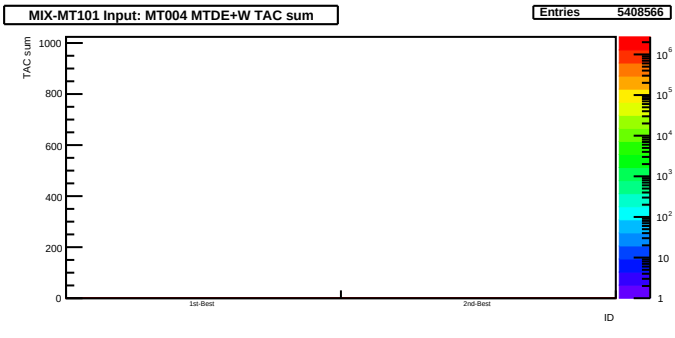
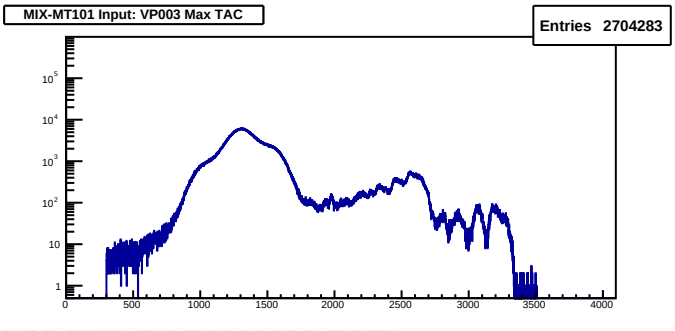
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

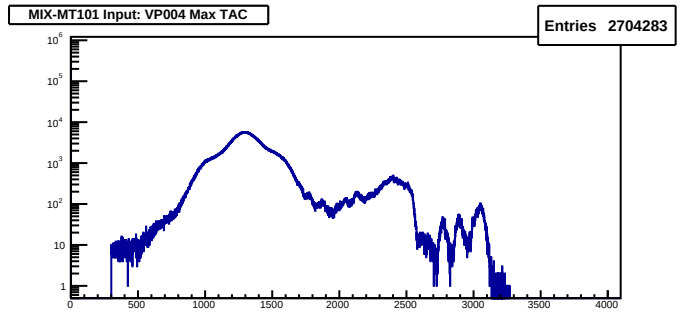

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5408566
TAC sum
1st-Best
2nd-Best
ID

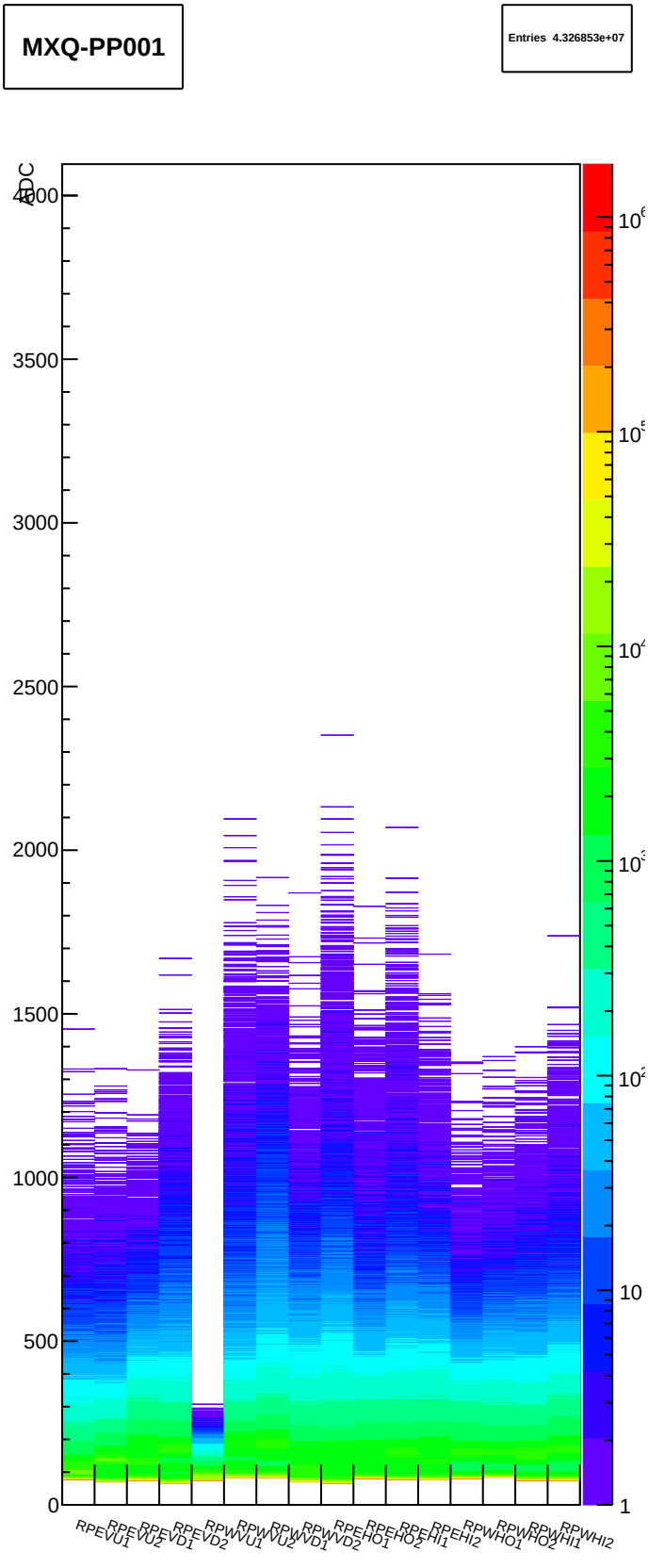

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5408566
TAC sum
1st-Best
2nd-Best
ID

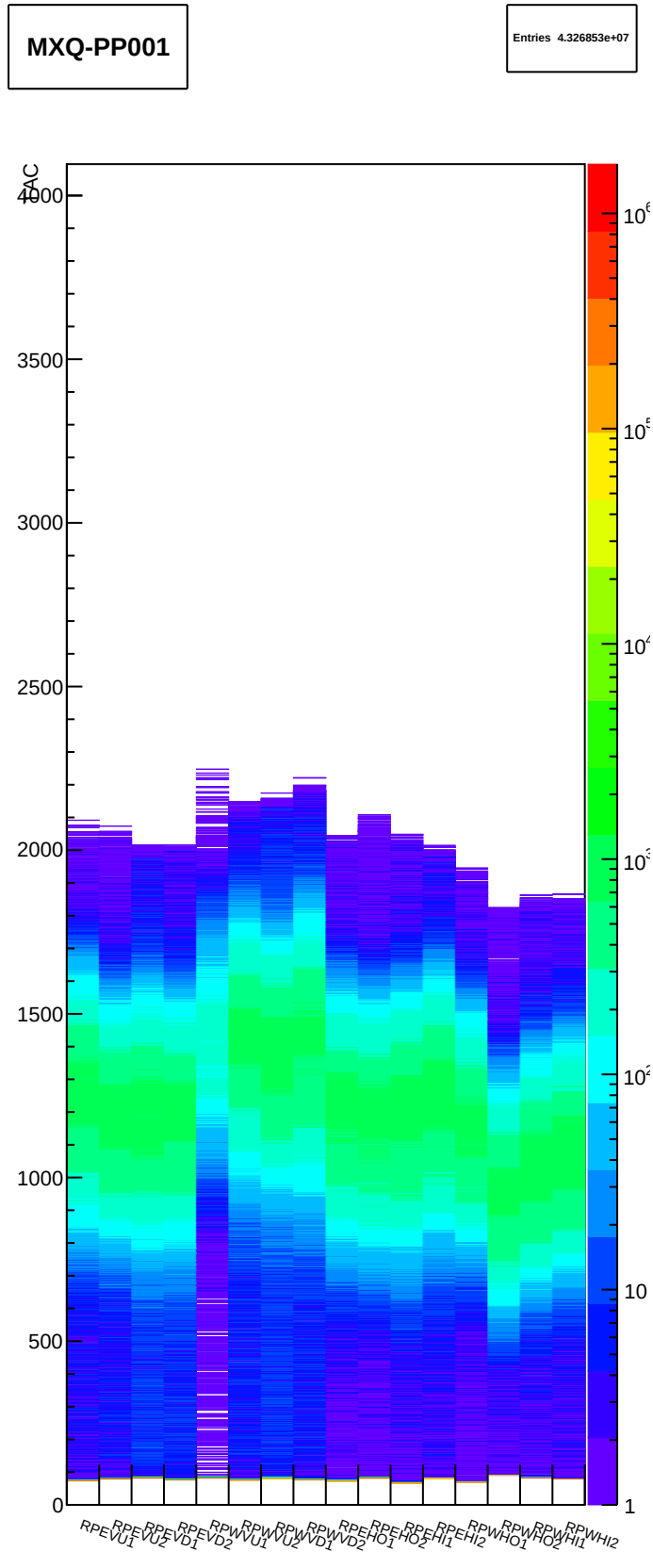

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5408566
TAC sum
1st-Best
2nd-Best
ID

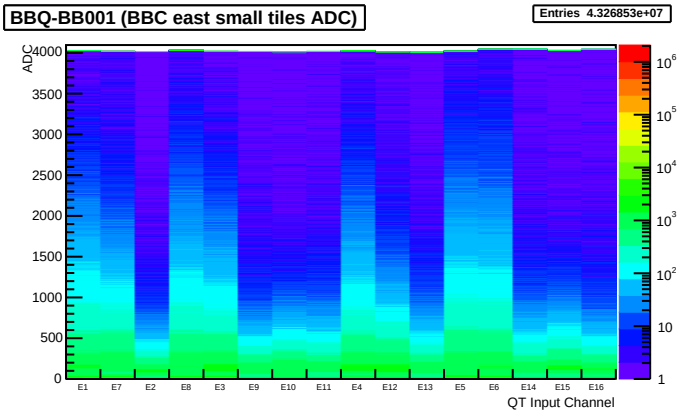

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5408566
TAC sum
1st-Best
2nd-Best
ID

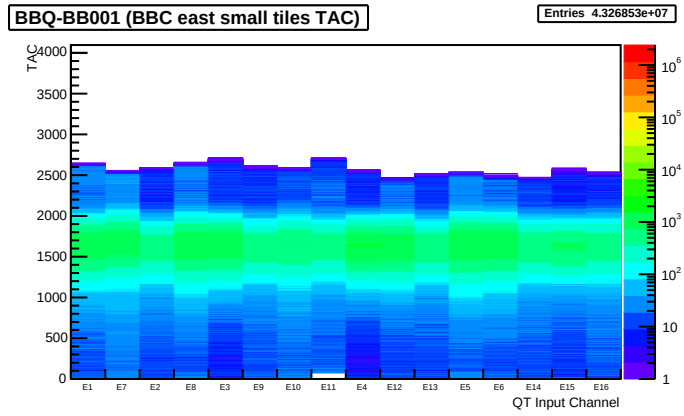

MIX-MT101 Input: VP003 Max TAC
Entries 2704283

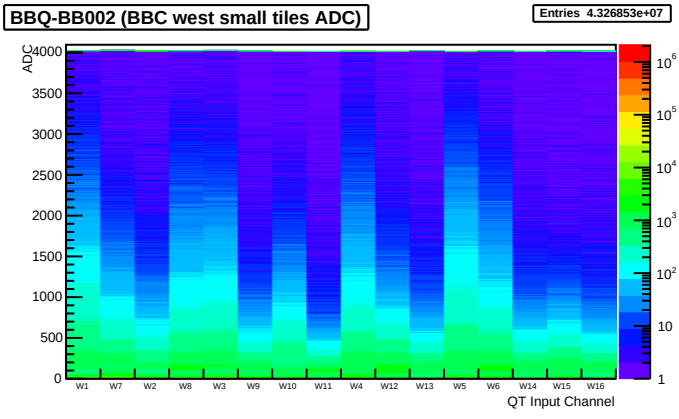

MIX-MT101 Input: VP004 Max TAC
Entries 2704283

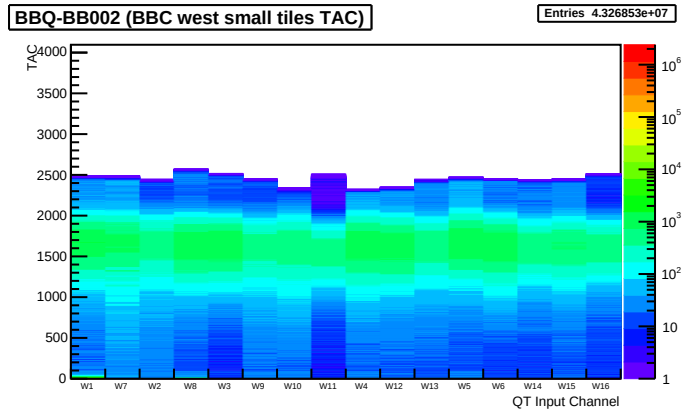

MXQ-PP001
Entries 4.326853e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

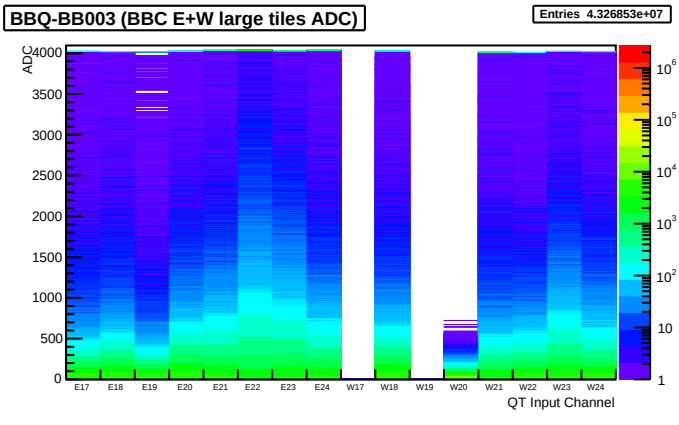

MXQ-PP001
Entries 4.326853e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10

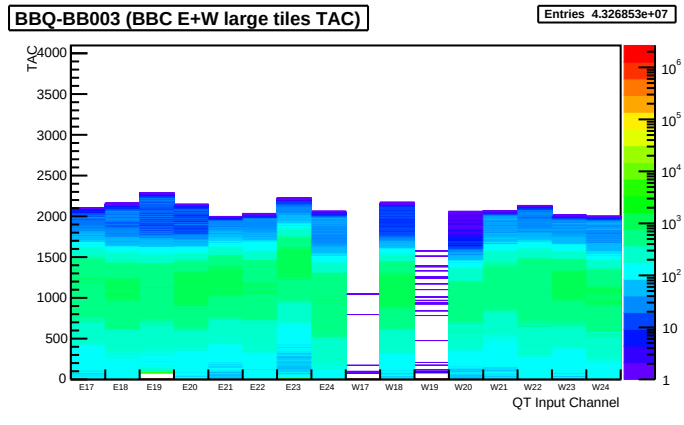

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.326853e+07
ADC
QT Input Channel

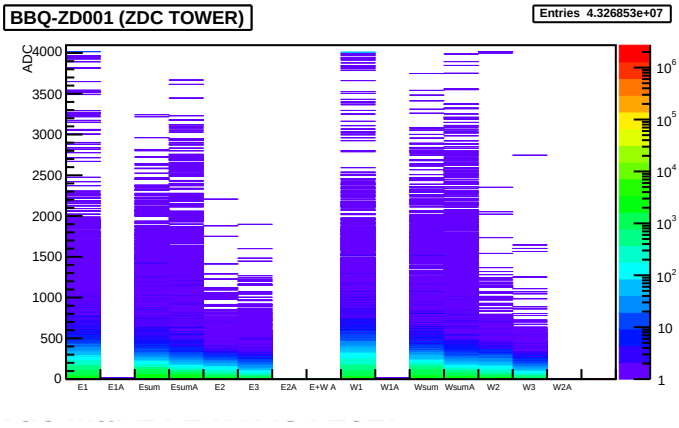

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.326853e+07
TAC
QT Input Channel

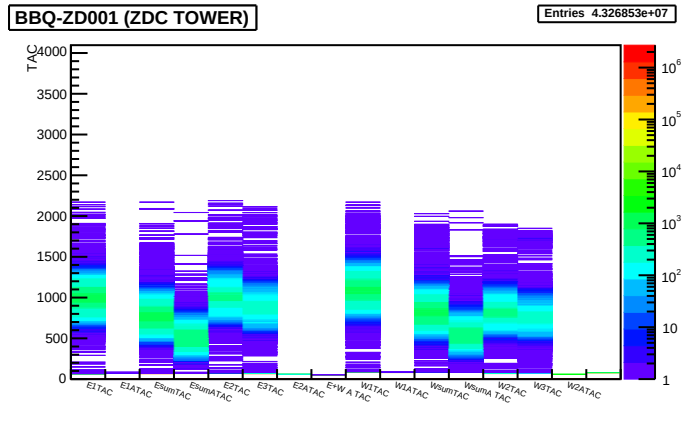

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.326853e+07
ADC
QT Input Channel

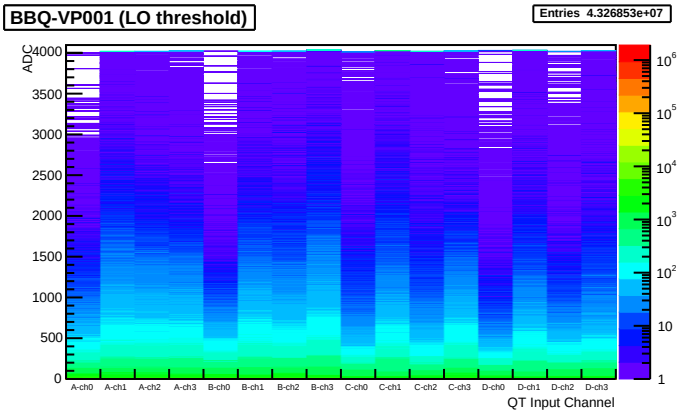

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.326853e+07
TAC
QT Input Channel

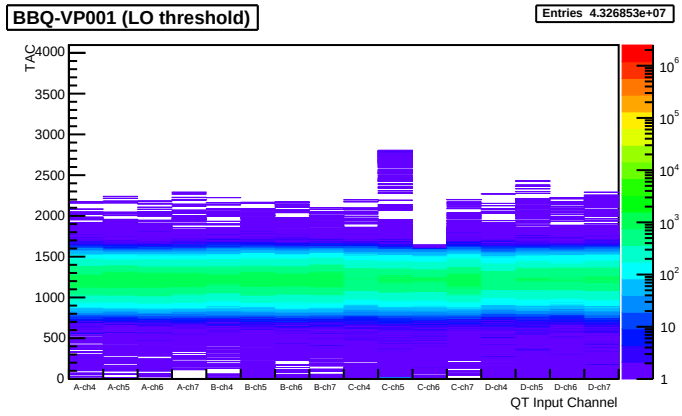

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.326853e+07
ADC
QT Input Channel

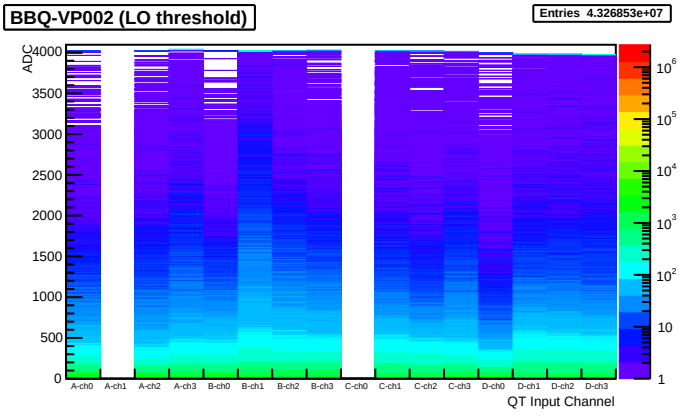

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.326853e+07
TAC
QT Input Channel

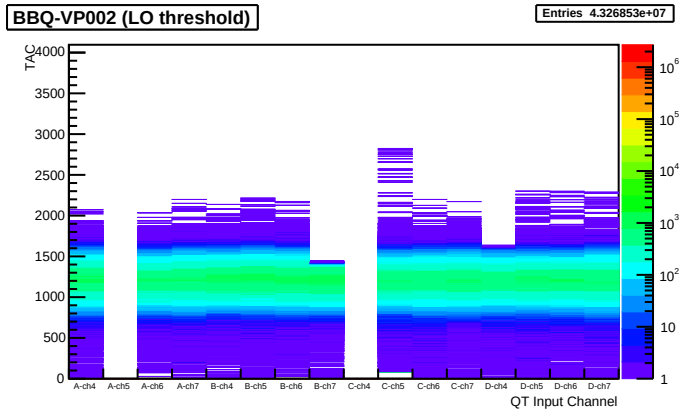

BBQ-ZD001 (ZDC TOWER)
Entries 4.326853e+07
ADC

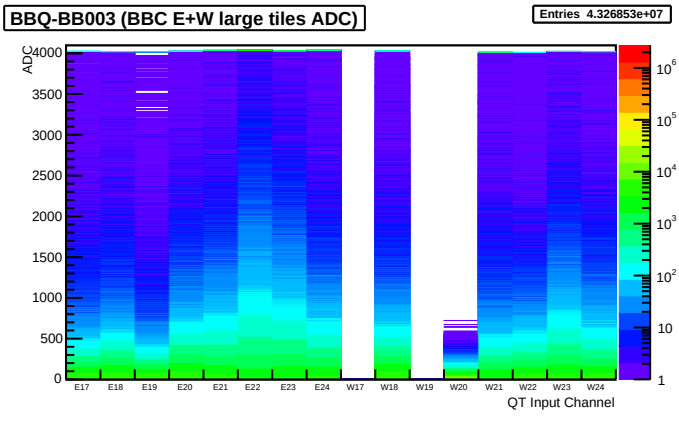

BBQ-ZD001 (ZDC TOWER)
Entries 4.326853e+07
TAC

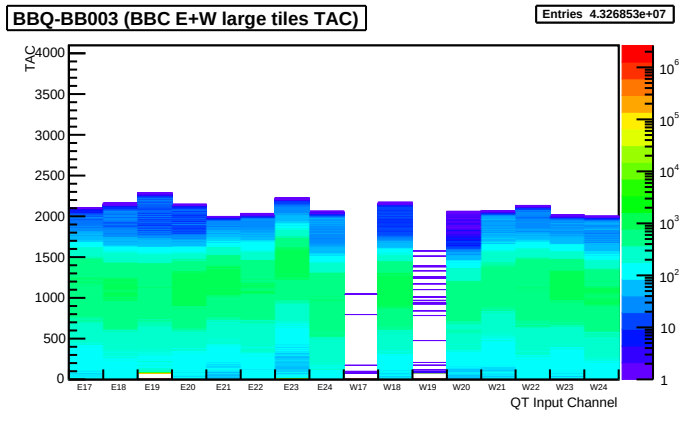

BBQ-VP001 (LO threshold)
Entries 4.326853e+07
ADC
QT Input Channel

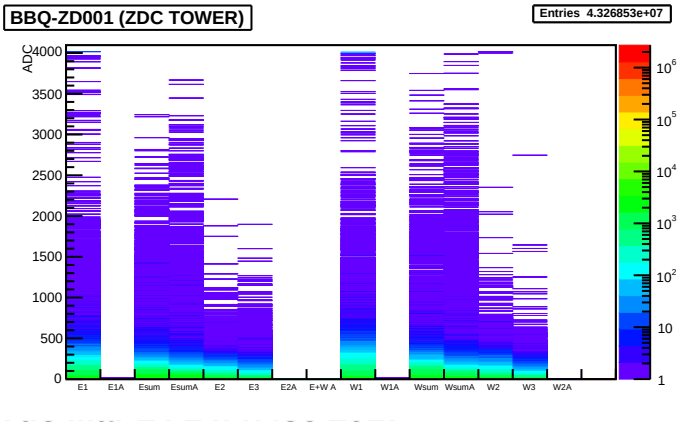

BBQ-VP001 (LO threshold)
Entries 4.326853e+07
TAC
QT Input Channel

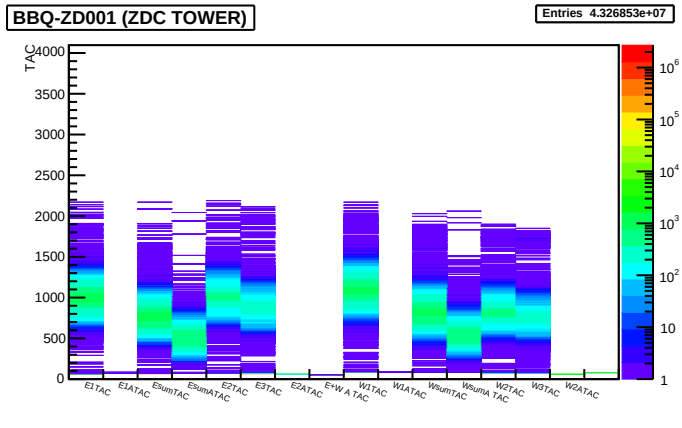

BBQ-VP002 (LO threshold)
Entries 4.326853e+07
ADC
QT Input Channel

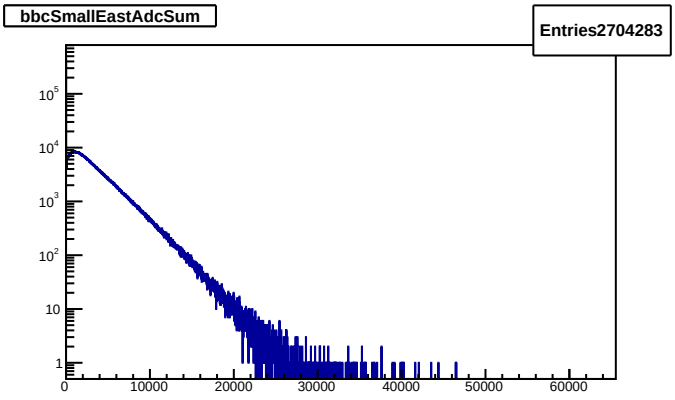

BBQ-VP002 (LO threshold)
Entries 4.326853e+07
TAC
QT Input Channel

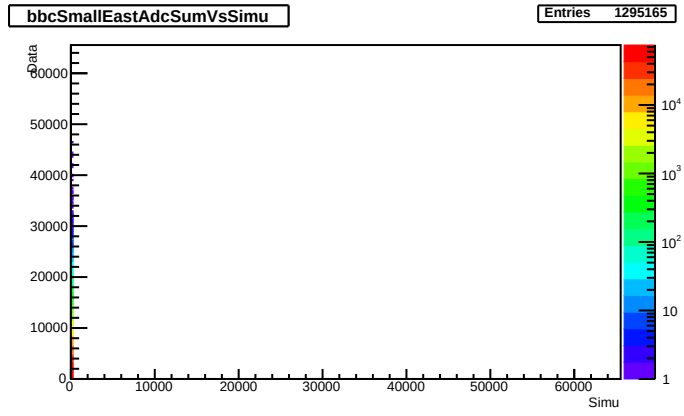

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.326853e+07
ADC
QT Input Channel

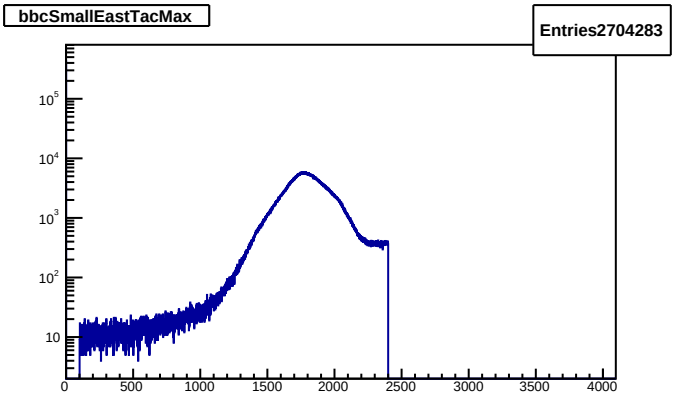

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.326853e+07
TAC
QT Input Channel

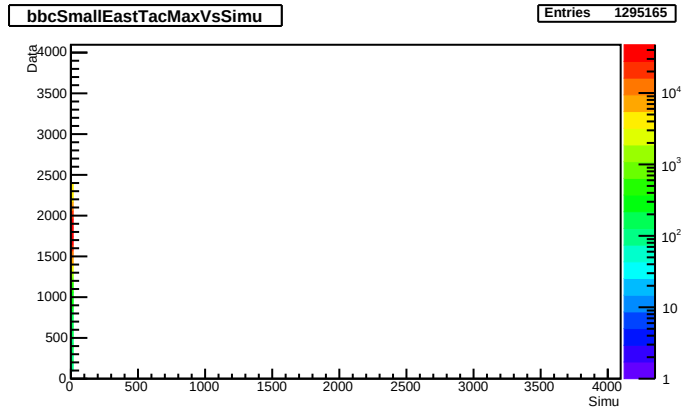

BBQ-ZD001 (ZDC TOWER)
Entries 4.326853e+07
ADC

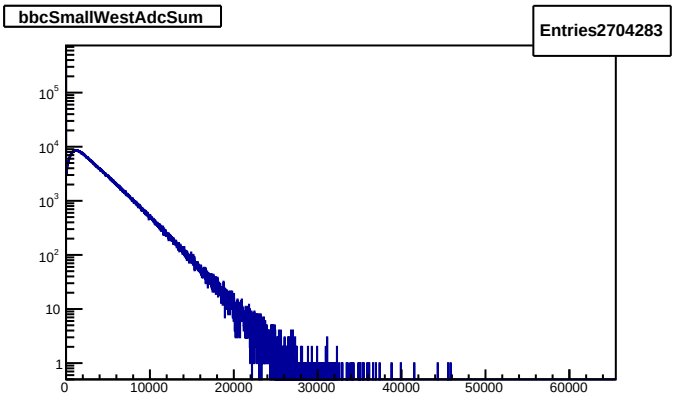

BBQ-ZD001 (ZDC TOWER)
Entries 4.326853e+07
TAC

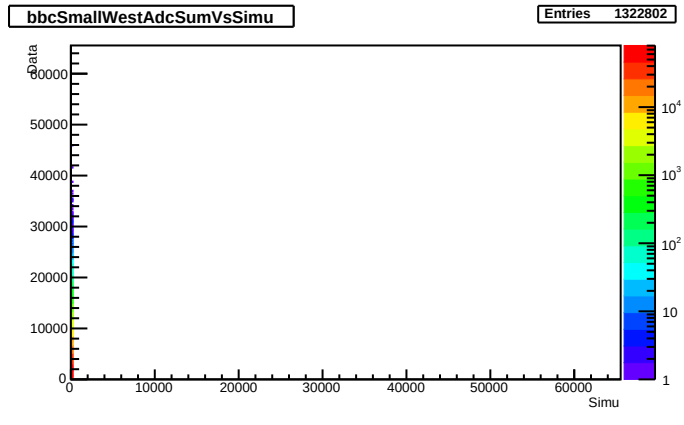

bbcSmallEastAdcSum
Entries2704283

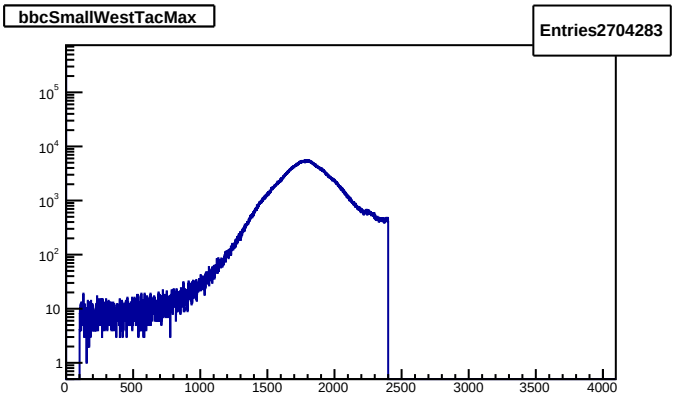

bbcSmallEastAdcSumVsSimu
Entries 1295165
Data
Simu

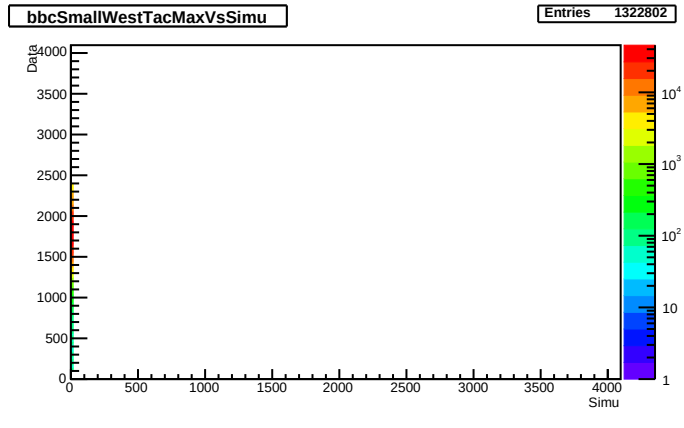

bbcSmallEastTacMax
Entries2704283

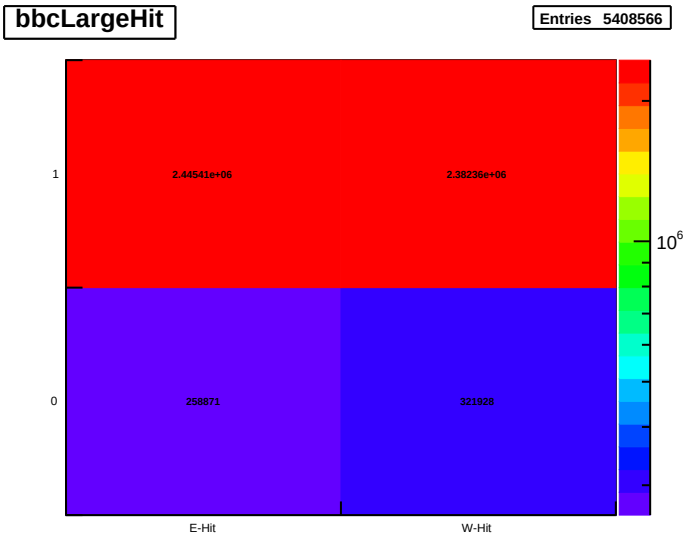

bbcSmallEastTacMaxVsSimu
Entries 1295165
Data
Simu

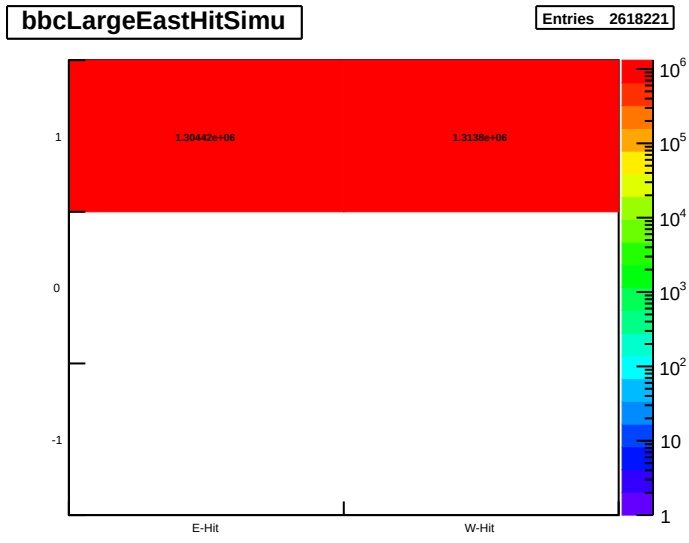

bbcSmallWestAdcSum
Entries2704283

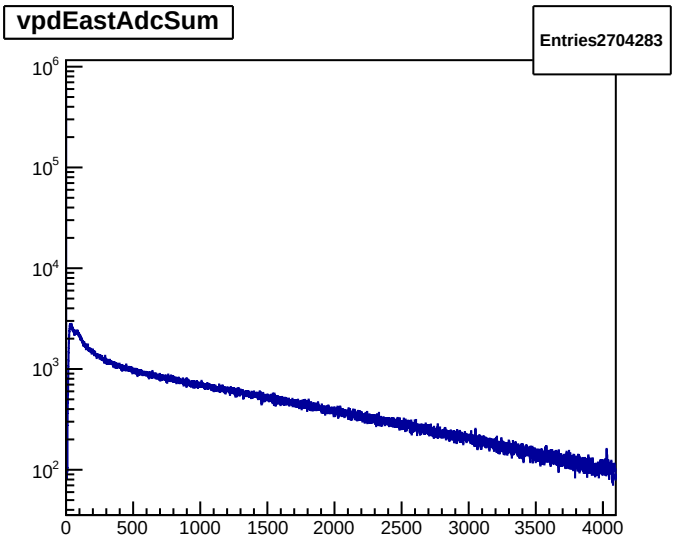

bbcSmallWestAdcSumVsSimu
Entries 1322802
Data
Simu

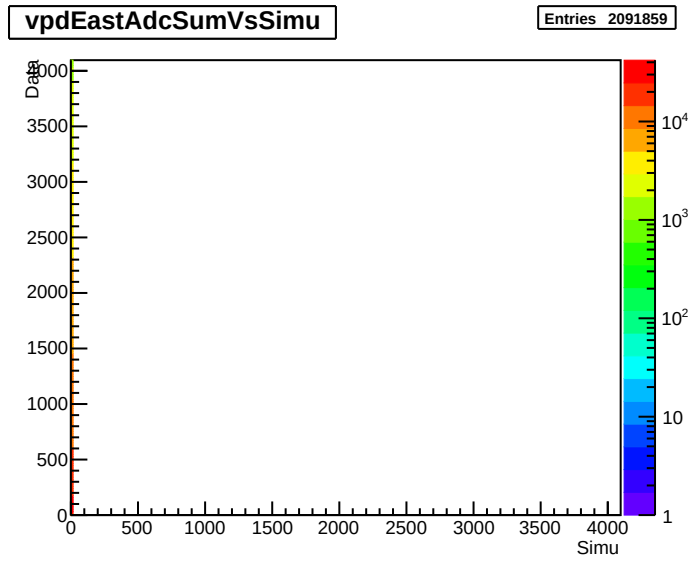

bbcSmallWestTacMax
Entries2704283

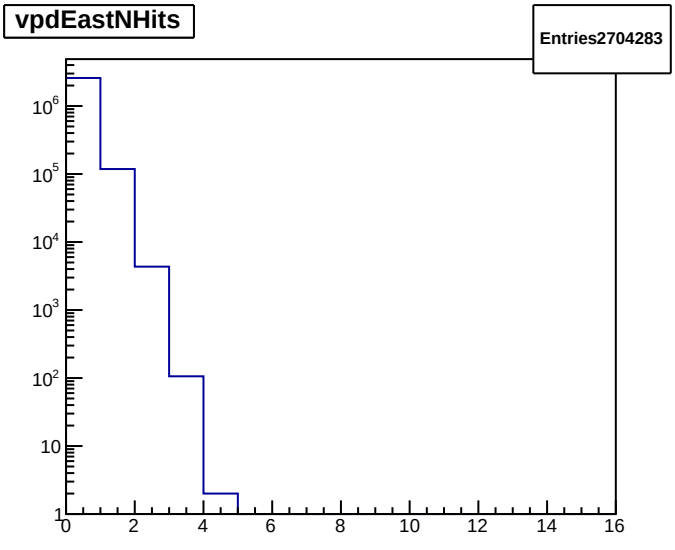

bbcSmallWestTacMaxVsSimu
Entries 1322802
Data
Simu

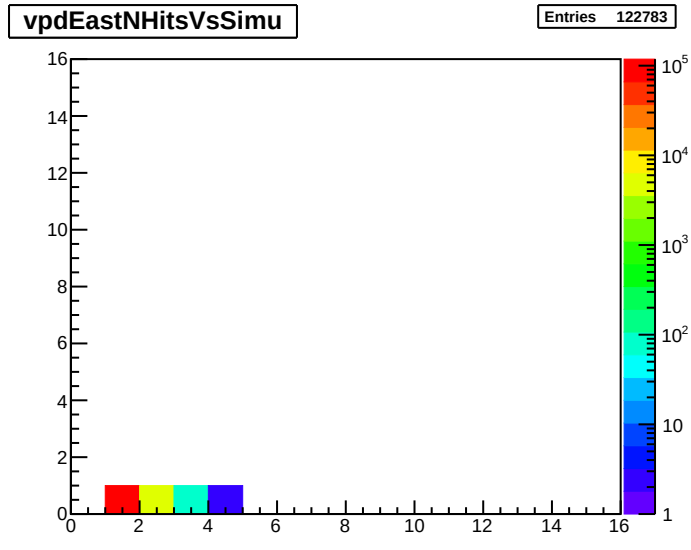

bbcLargeHit
Entries 5408566
1
0
2.44541e+06
2.38236e+06
258871
321928
E-Hit
W-Hit
10^6

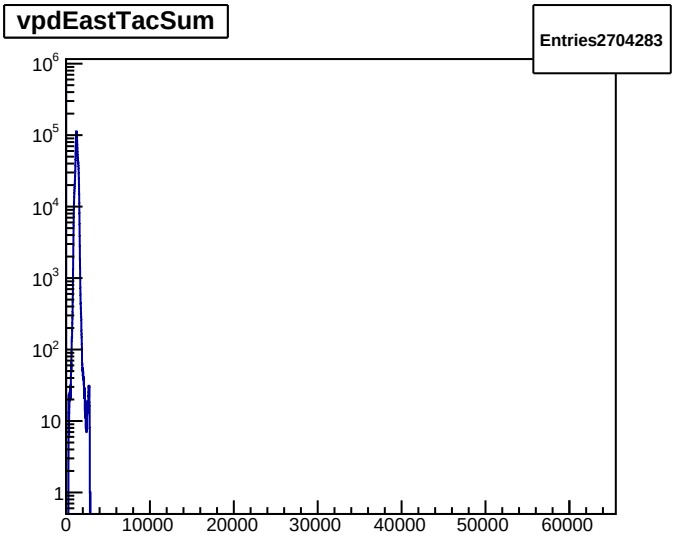

bbcLargeEastHitSimu
Entries 2618221
1
0
-1
1.30442e+06
1.3138e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

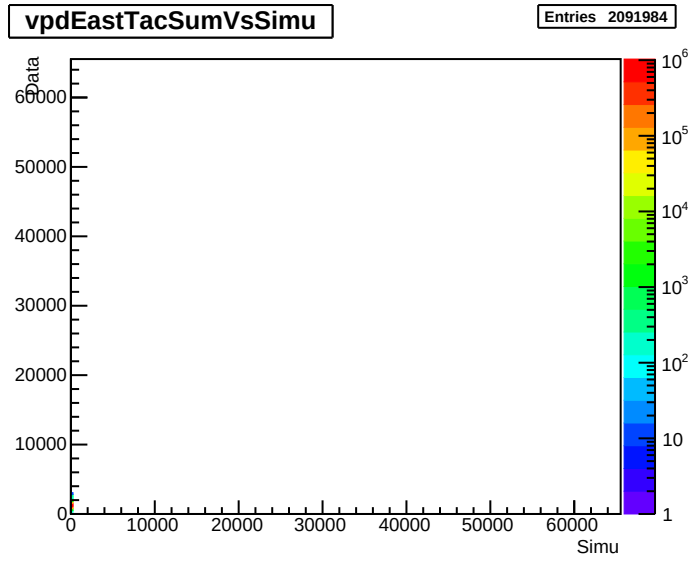

vpdEastAdcSum
Entries2704283

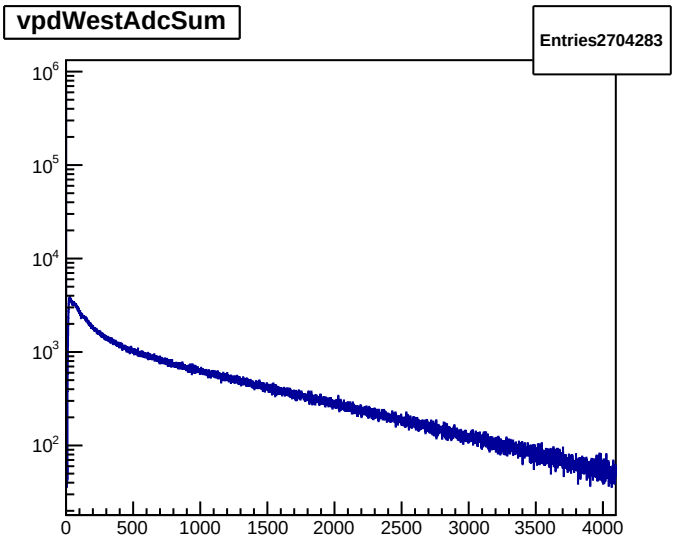

vpdEastAdcSumVsSimu
Entries 2091859
Data
Simu

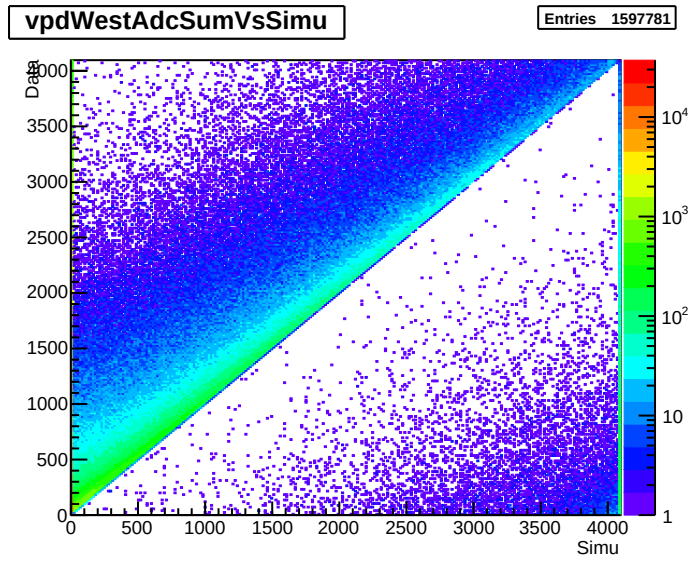

vpdEastNHits
Entries2704283

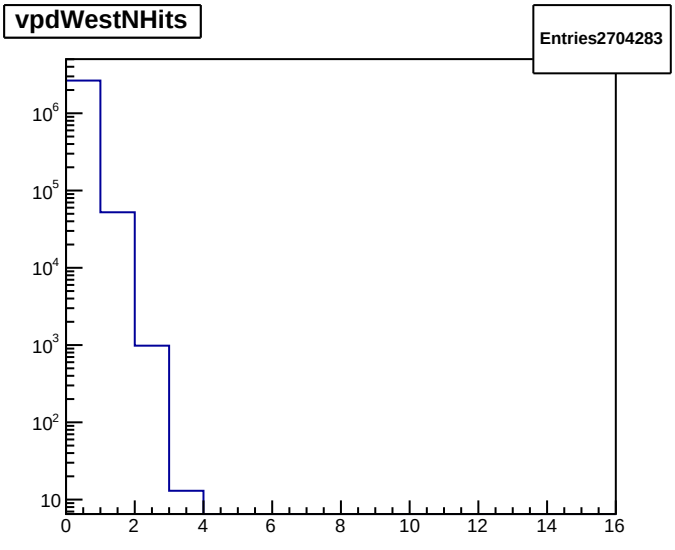

vpdEastNHitsVsSimu
Entries 122783

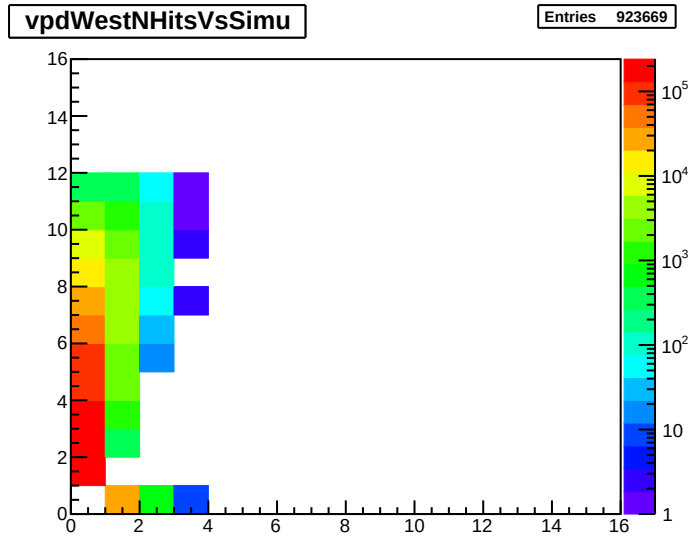

vpdEastTacSum
Entries2704283

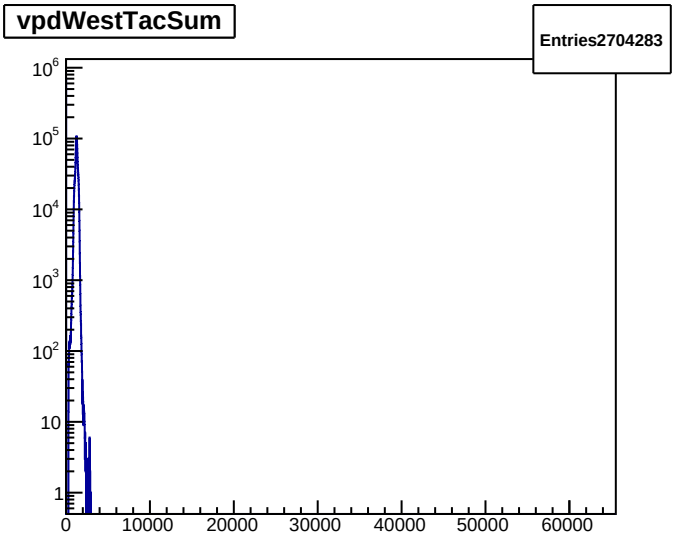

vpdEastTacSumVsSimu
Entries 2091984
Data
Simu

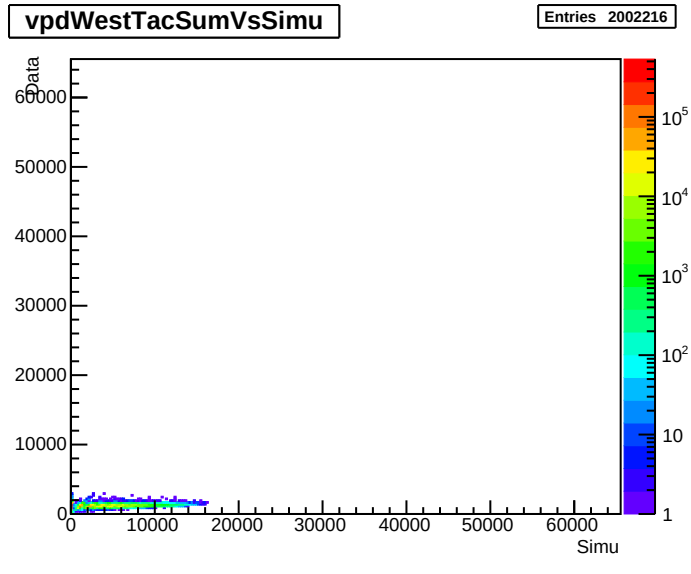

vpdWestAdcSum
Entries2704283

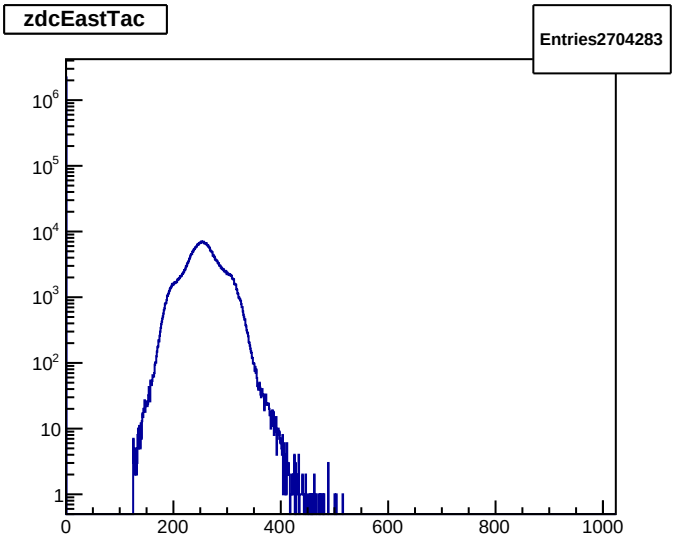

vpdWestAdcSumVsSimu
Entries 1597781
Data
Simu

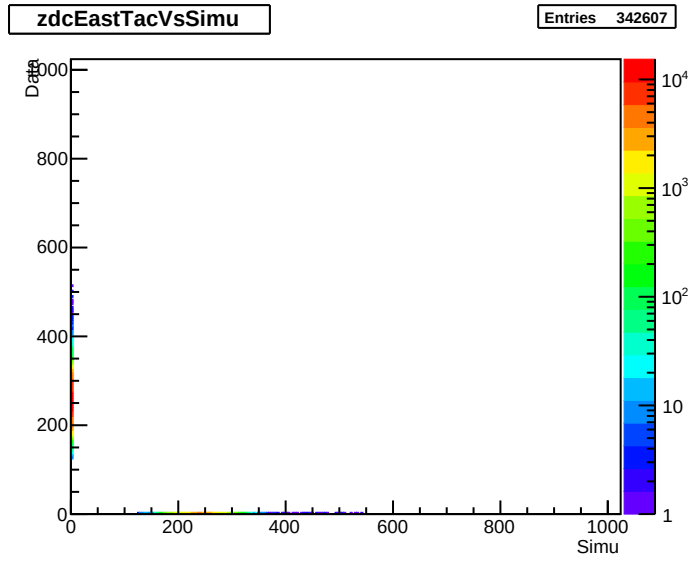

vpdWestNHits
Entries2704283

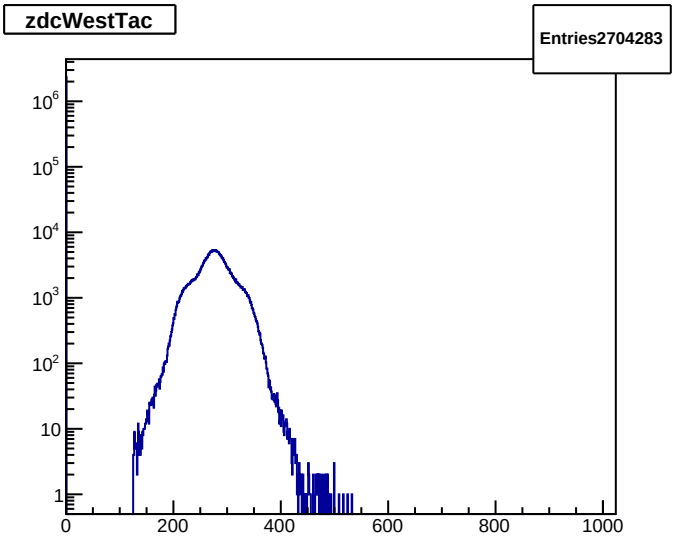

vpdWestNHitsVsSimu
Entries 923669

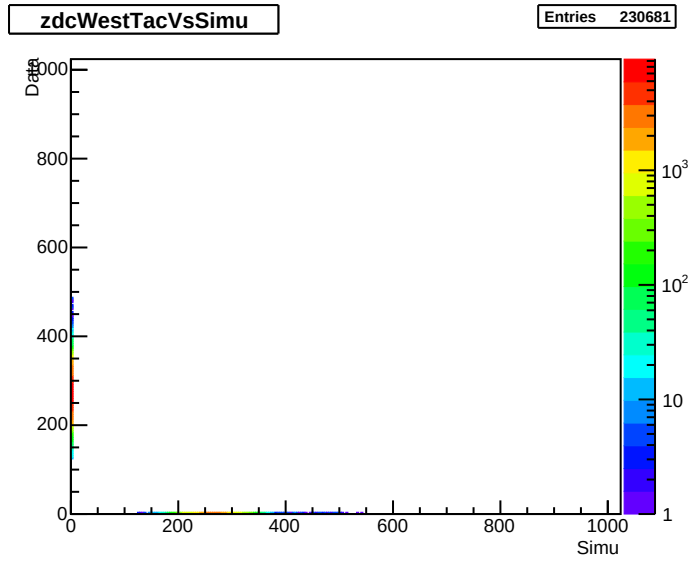

vpdWestTacSum
Entries2704283

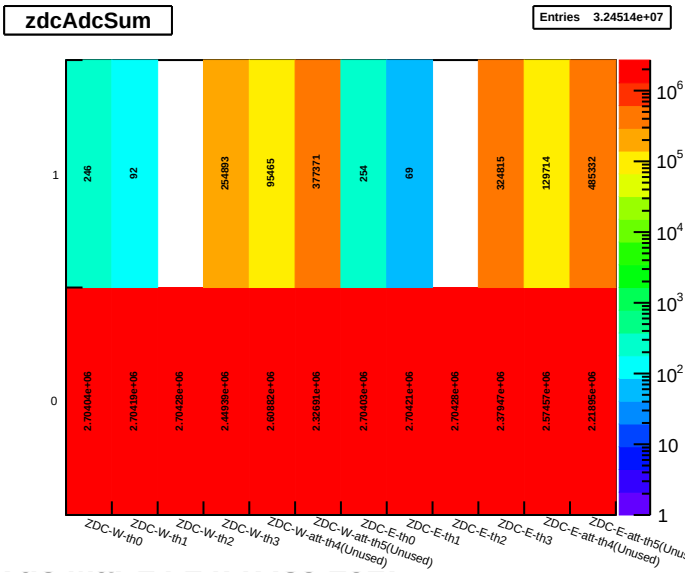

vpdWestTacSumVsSimu
Entries 2002216
Data
Simu

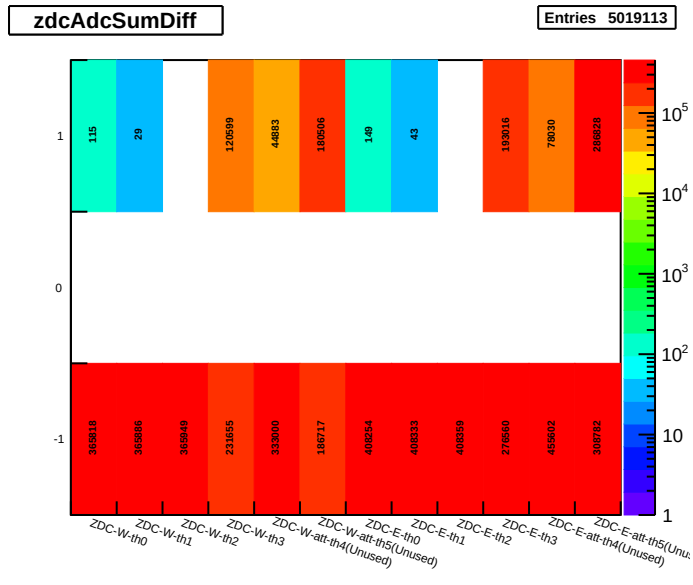

zdcEastTac
Entries2704283

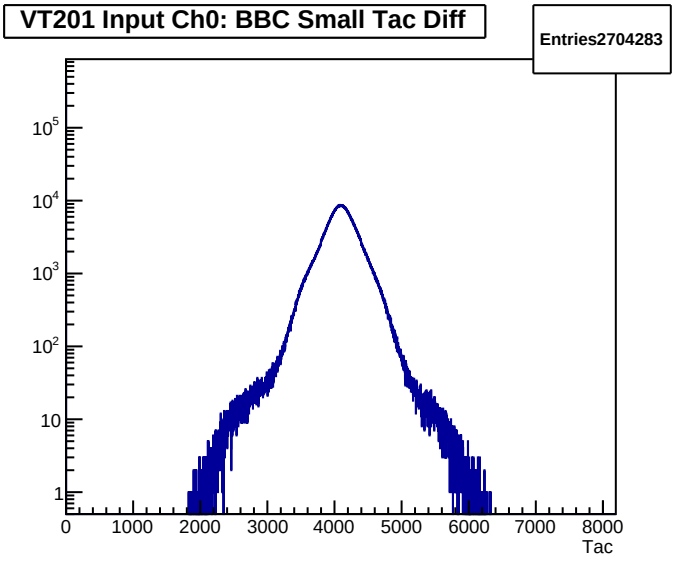

zdcEastTacVsSimu
Entries 342607
Data
Simu

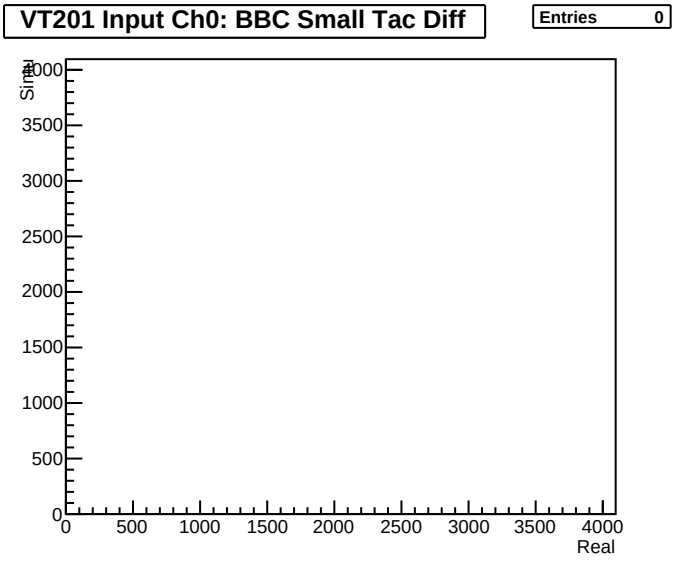

zdcWestTac
Entries2704283

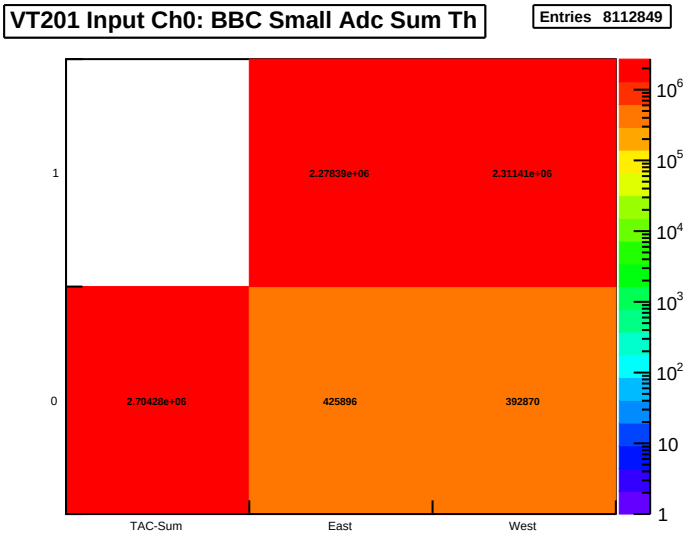

zdcWestTacVsSimu
Entries 230681
Data
Simu

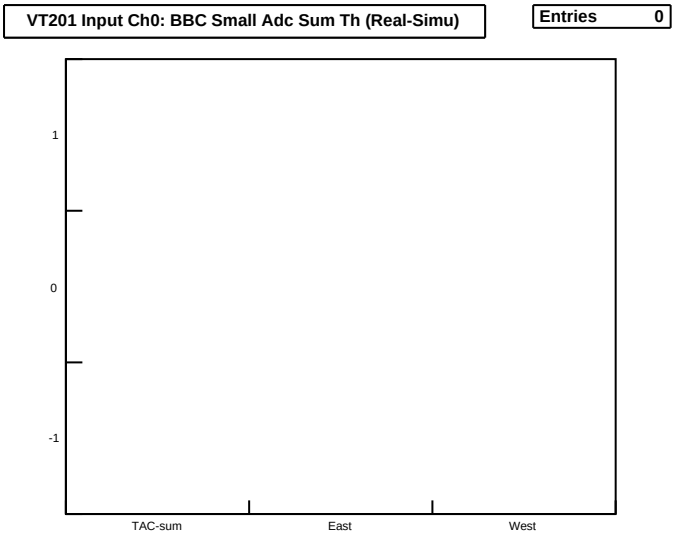

zdcAdcSum
Entries 3.24514e+07
246
92
254893
95465
377371
254
69
324815
129714
485332
2.70404e+06
2.70419e+05
2.70428e+06
2.44939e+06
2.68882e+06
2.32691e+05
2.70403e+06
2.70421e+06
2.70428e+05
2.37047e+06
2.57457e+06
2.21895e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

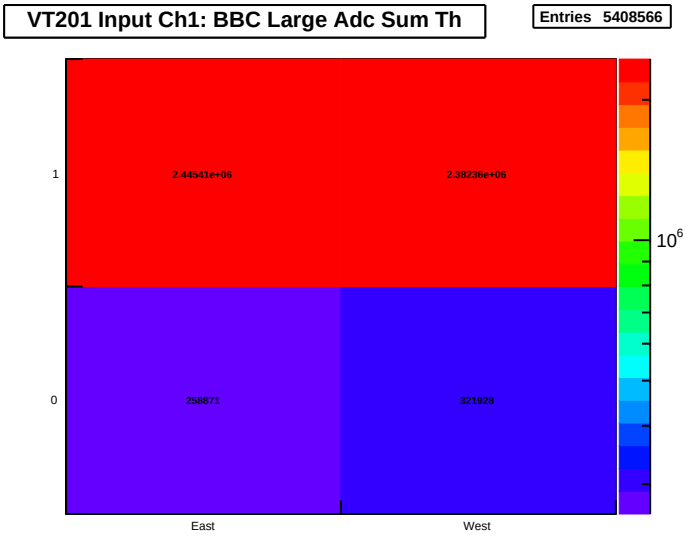

zdcAdcSumDiff
Entries 5019113
115
29
120599
44883
180506
149
43
193016
78030
286928
365818
365886
365949
231655
333000
186717
402254
408333
408359
276560
455602
309782
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

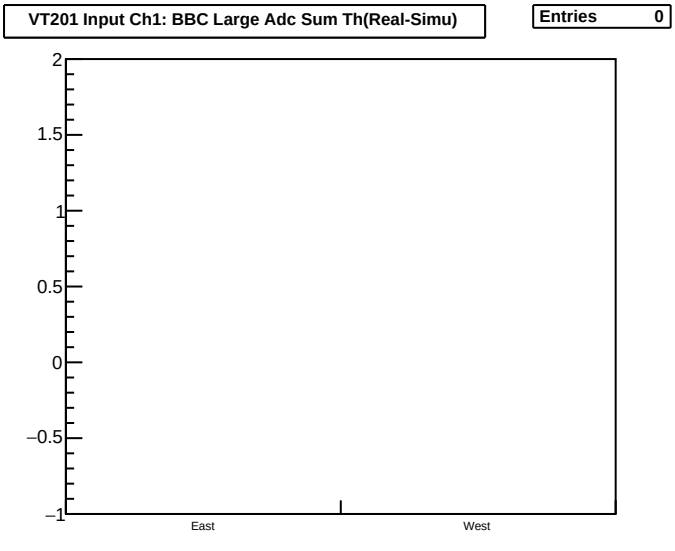

VT201 Input Ch0: BBC Small Tac Diff
Entries2704283
Tac


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

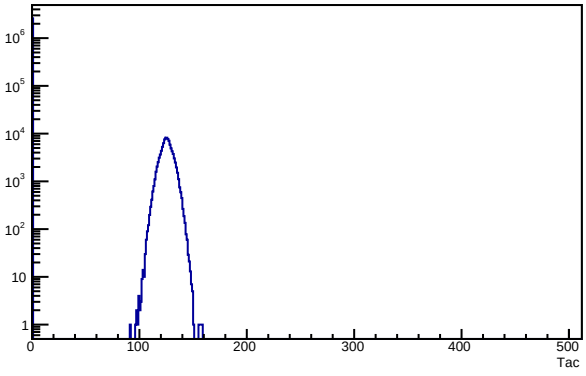

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 8112849
2.27839e+06
2.31141e+06
2.70428e+06
425896
392870
TAC-Sum
East
West


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

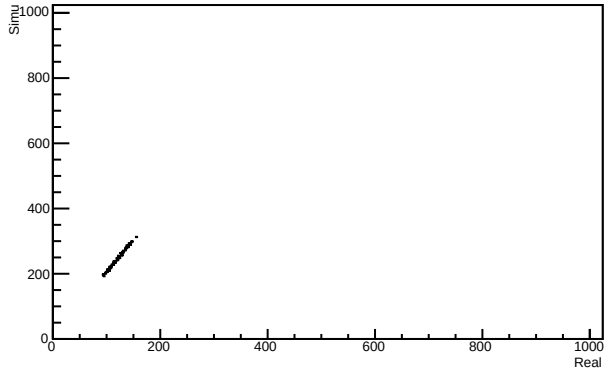

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5408566
2.44541e+06
2.38236e+06
258871
321928
East
West


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

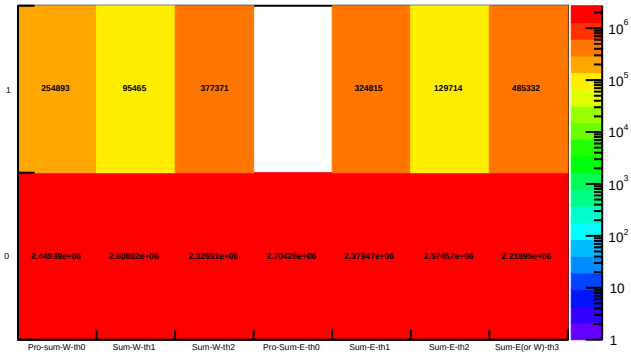
VT201 Input Ch2: ZDC Tac Diff



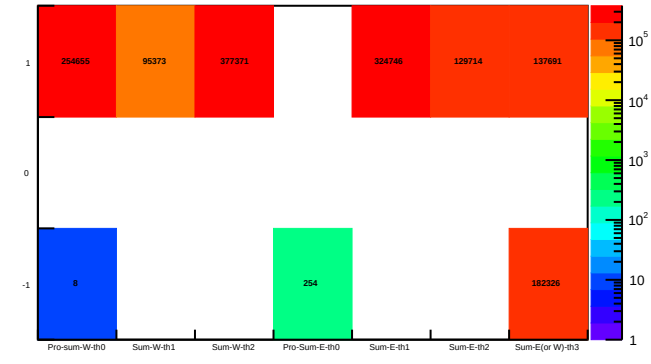
VT201 Input Ch2: ZDC Tac Diff



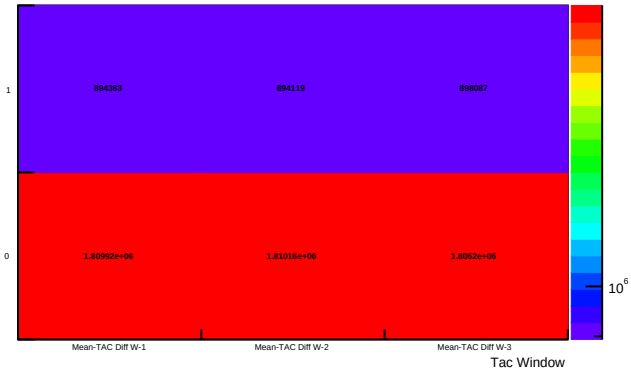
VT201 Input Ch2: ZDC Adc Sum Th



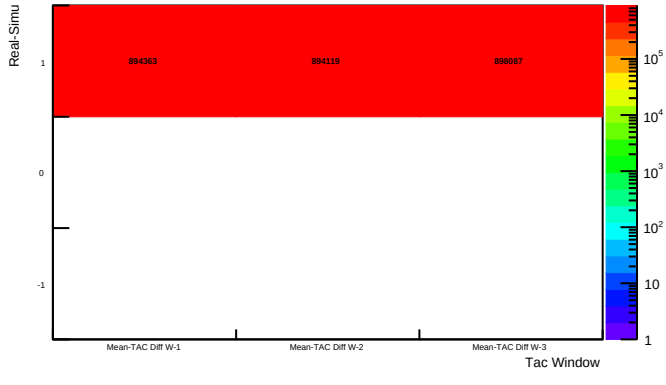
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



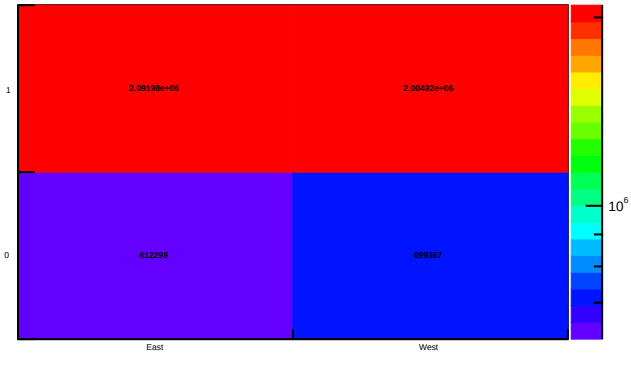
VT201 Input Ch4: VPD Tac Diff



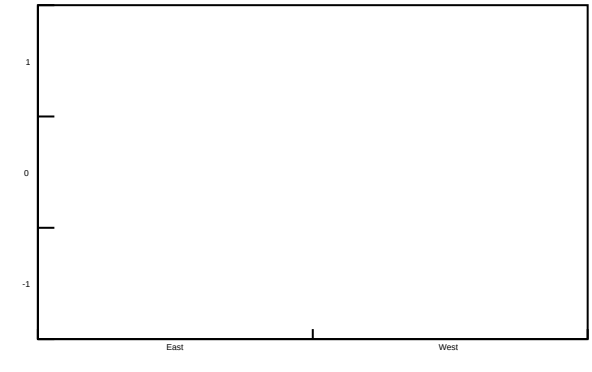
VT201 Input Ch4: VPD Tac Diff

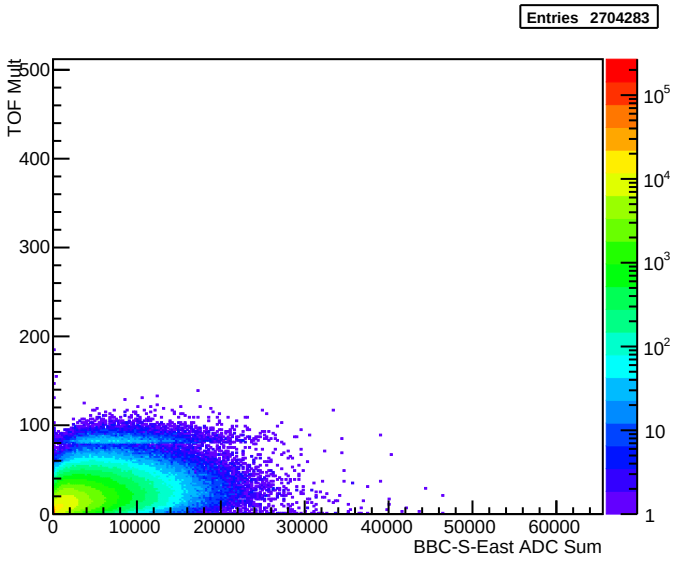


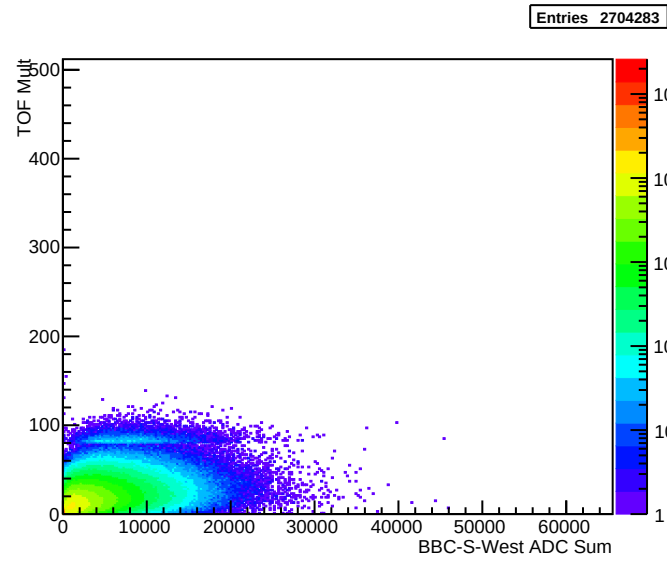
VT201 Input Ch4: VPD Adc Sum Th

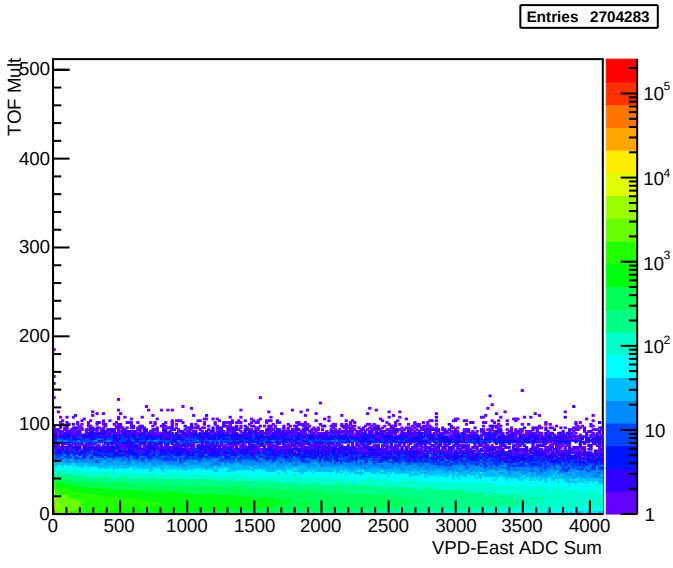


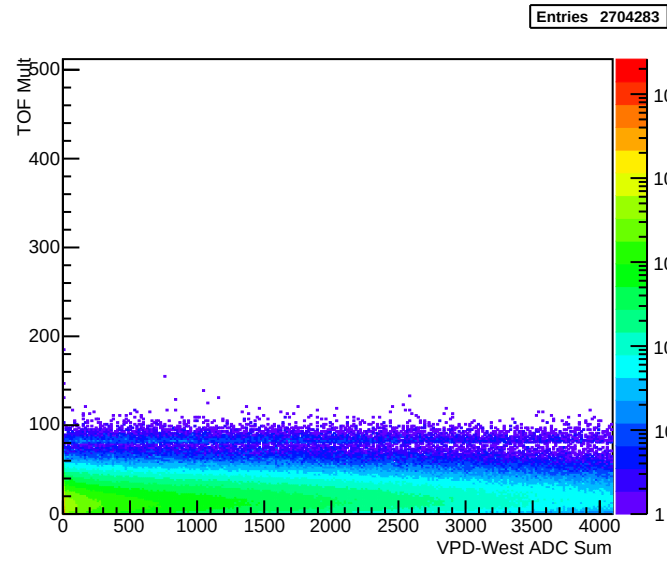
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

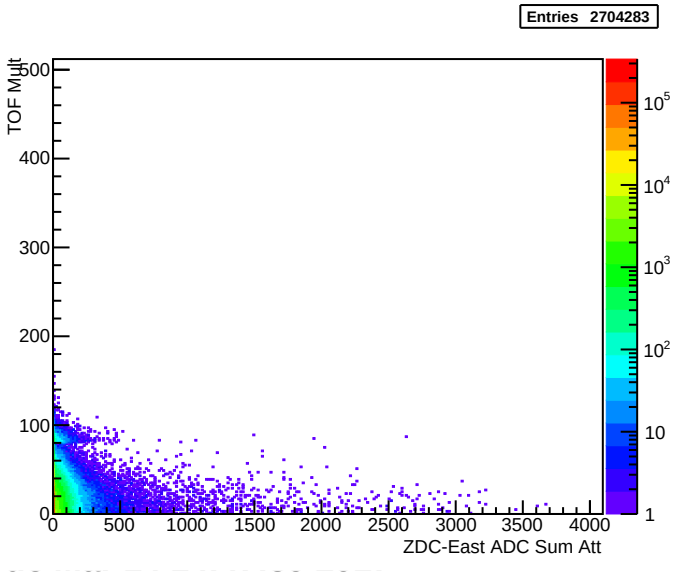


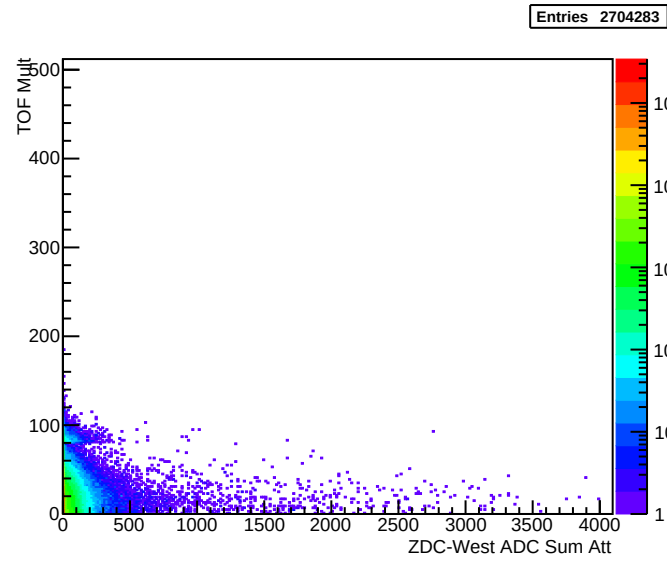

Entries 2704283
TOF Mult
BBC-S-East ADC Sum

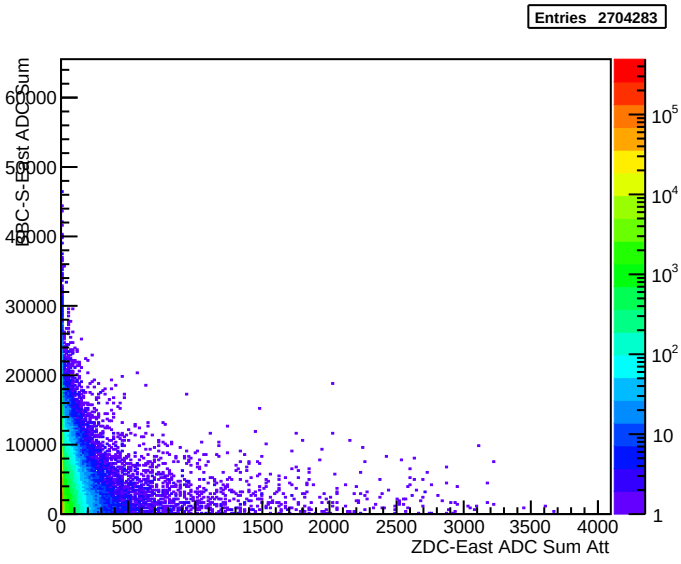

Entries 2704283
TOF Mult
BBC-S-West ADC Sum

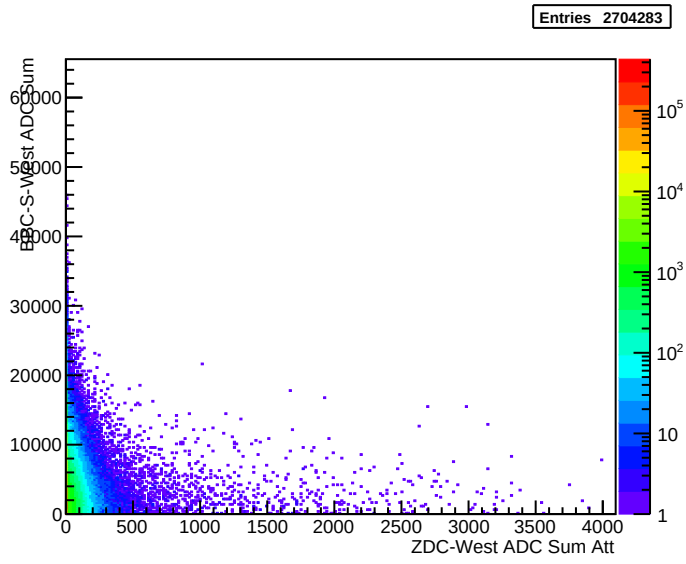

Entries 2704283
TOF Mult
VPD-East ADC Sum

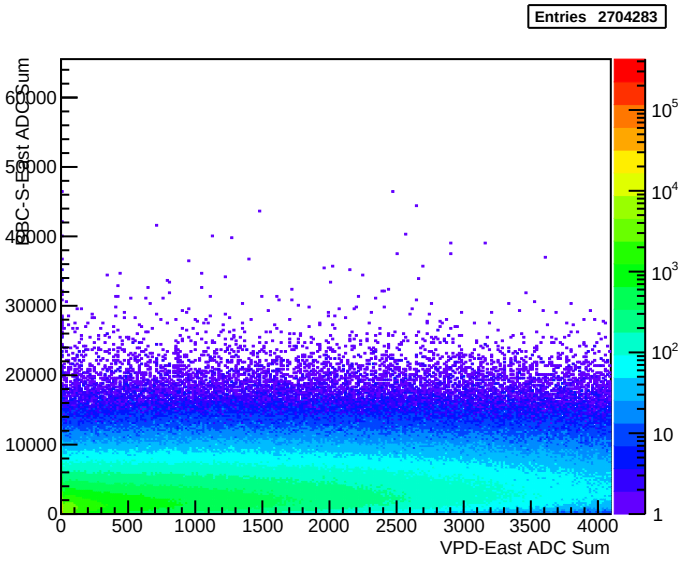

Entries 2704283
TOF Mult
VPD-West ADC Sum

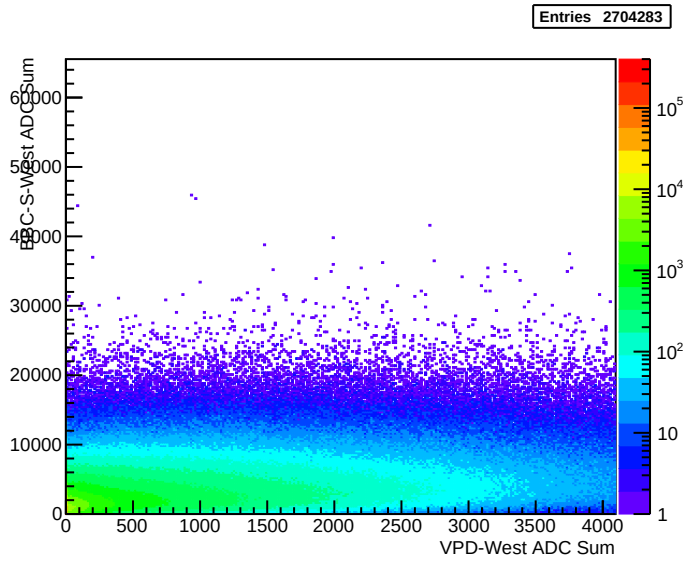

Entries 2704283
TOF Mult
ZDC-East ADC Sum Att

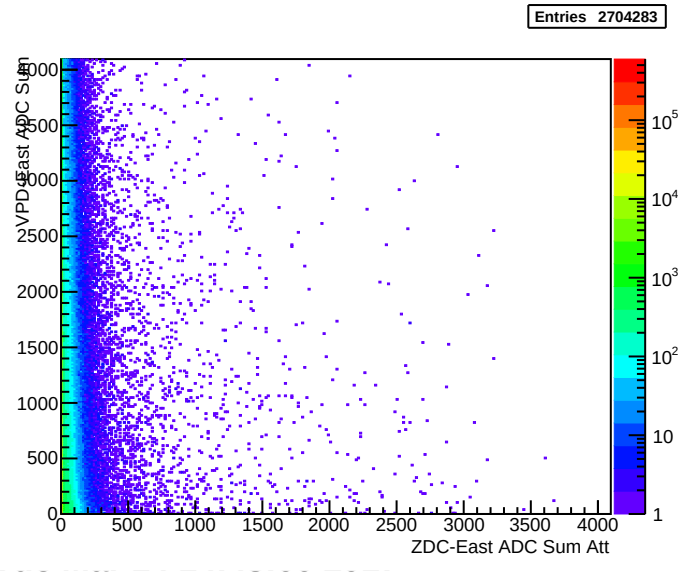

Entries 2704283
TOF Mult
ZDC-West ADC Sum Att

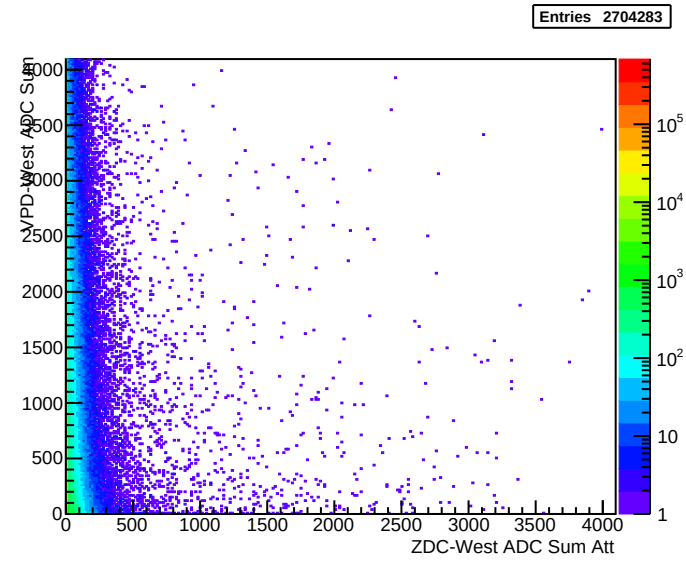

Entries 2704283
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

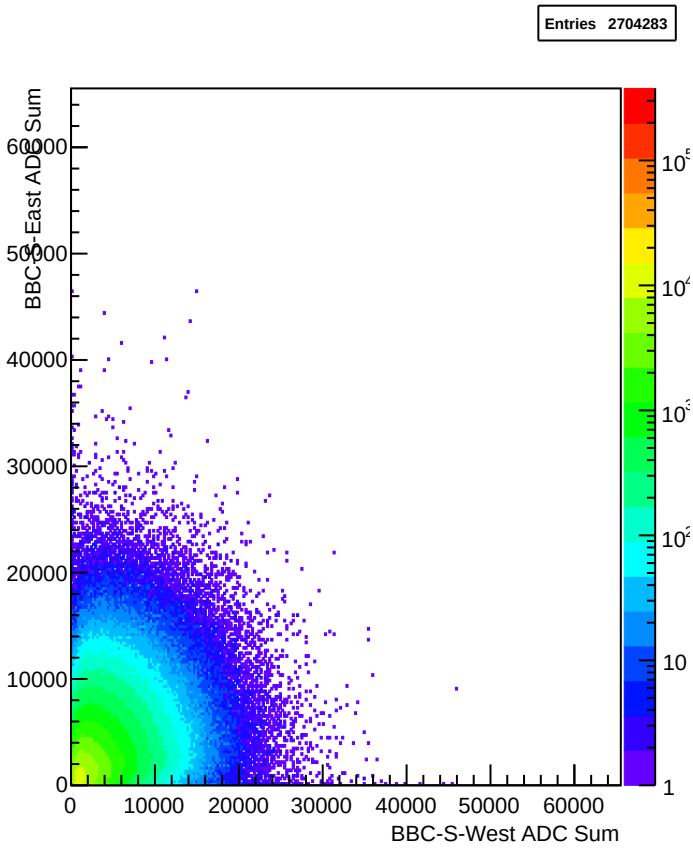

Entries 2704283
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

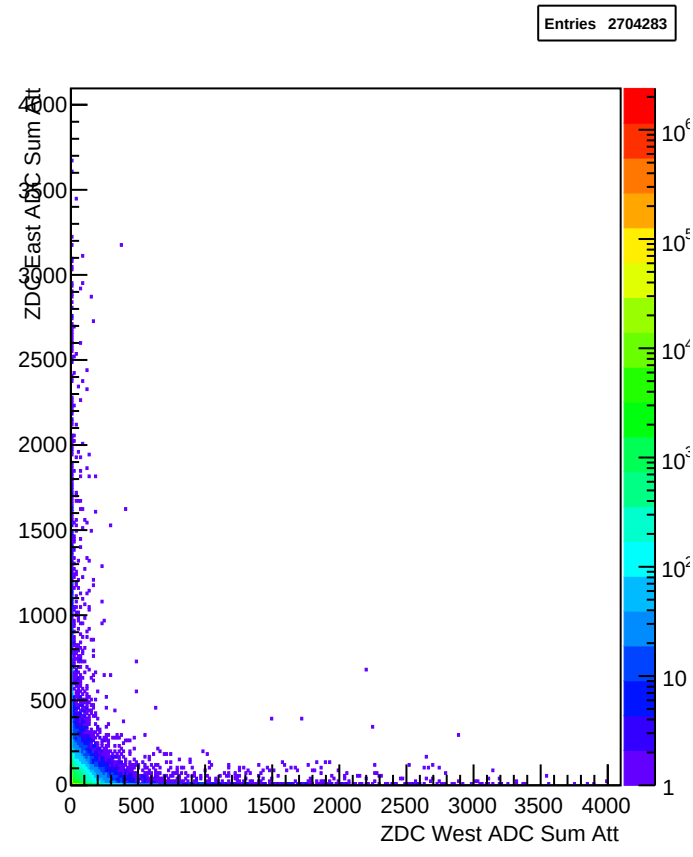

Entries 2704283
BBC-S-East ADC Sum
VPD-East ADC Sum

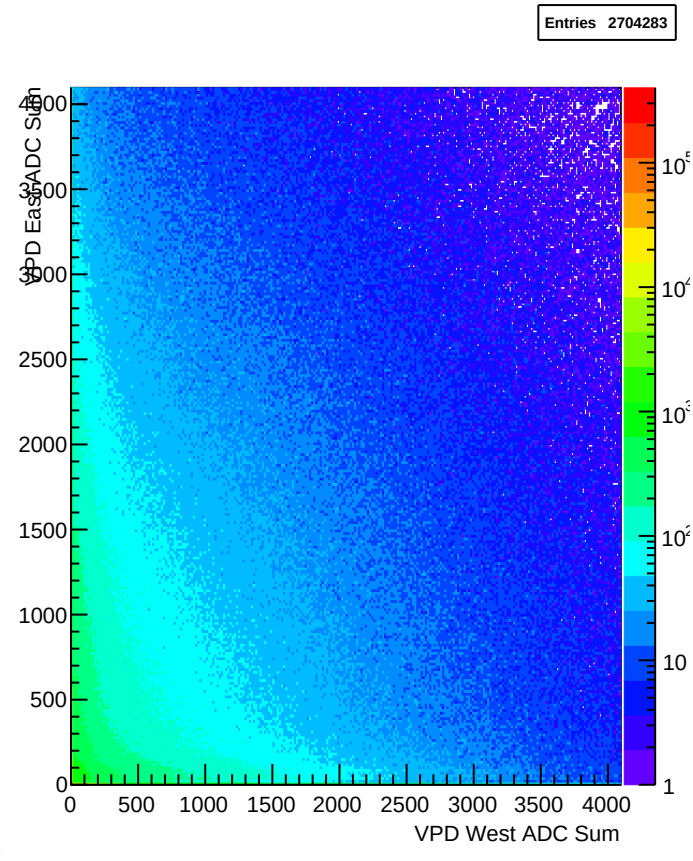

Entries 2704283
BBC-S-West ADC Sum
VPD-West ADC Sum

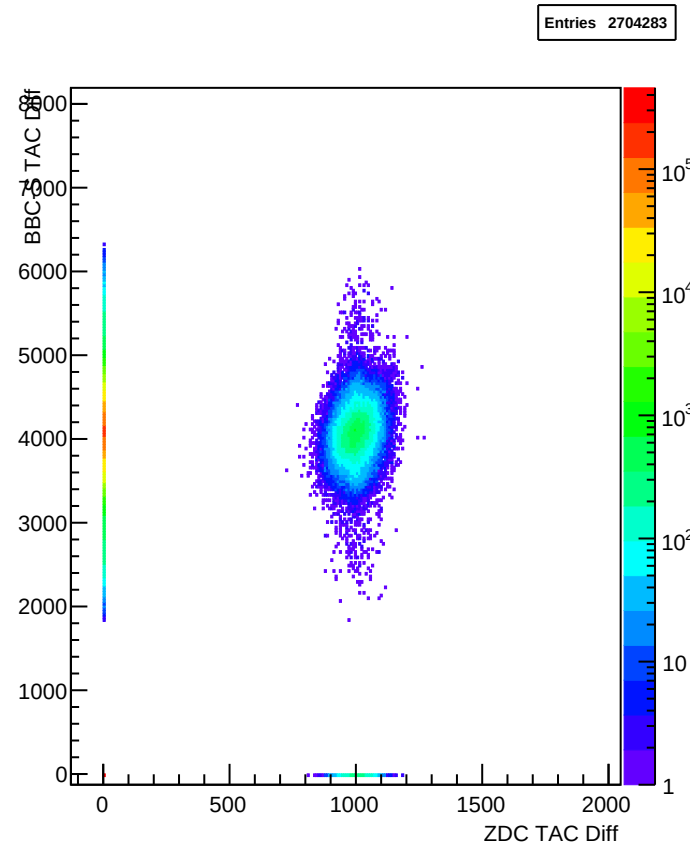

Entries 2704283
VPD-East ADC Sum
ZDC-East ADC Sum Att

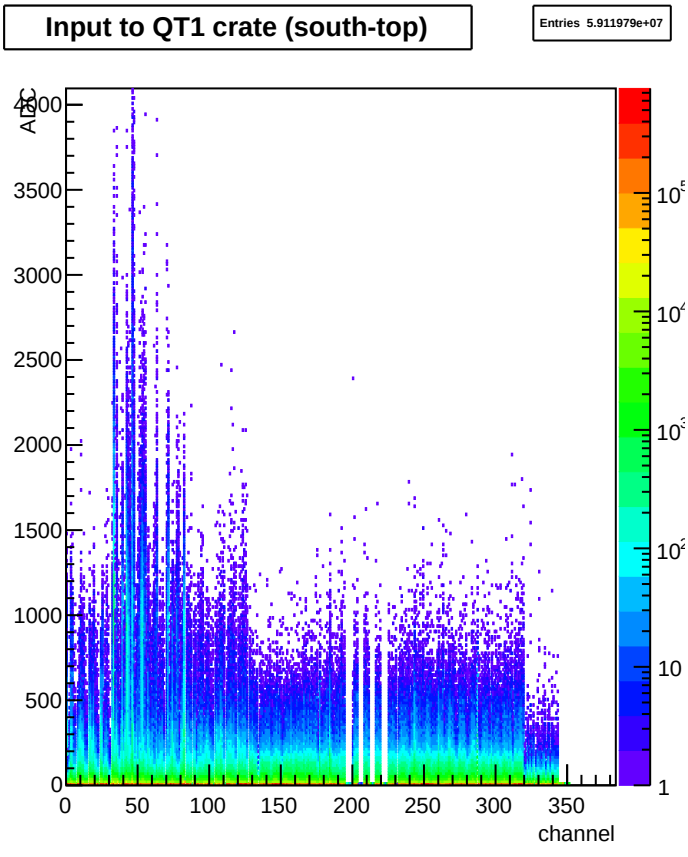

Entries 2704283
VPD-West ADC Sum
ZDC-West ADC Sum Att

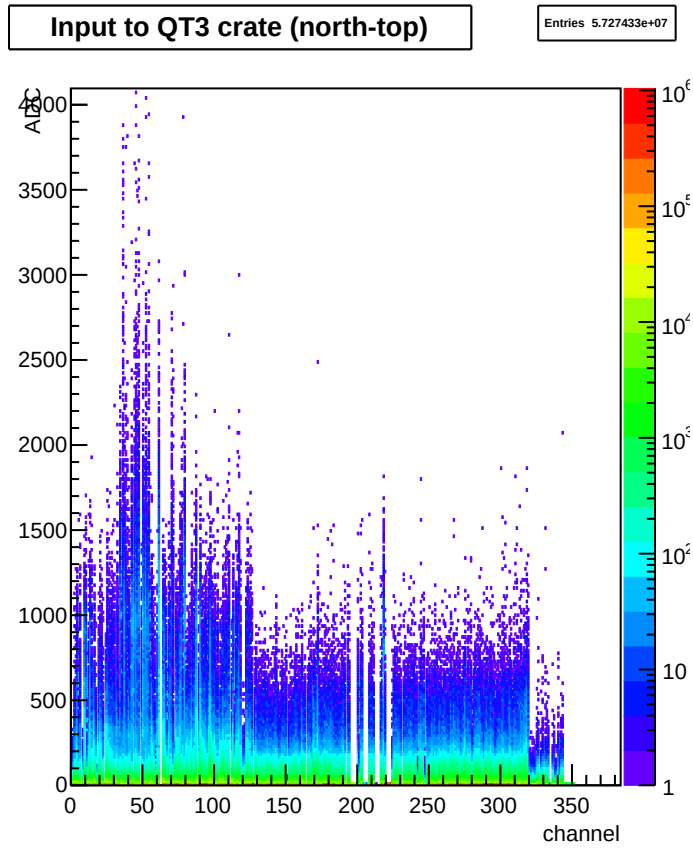

Entries 2704283
BBC-S-East ADC Sum
BBC-S-West ADC Sum

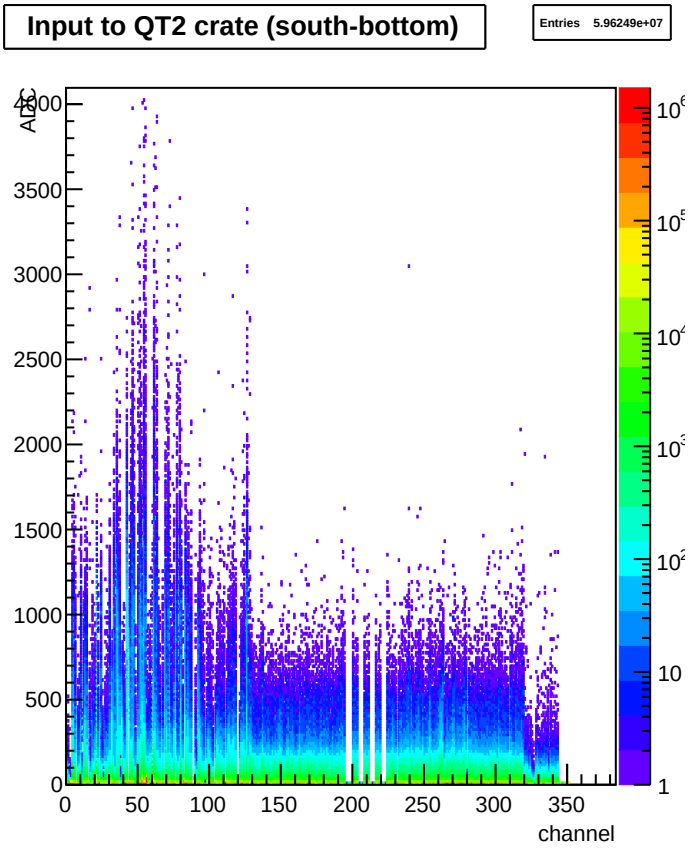

Entries 2704283
ZDC East ADC Sum Att
ZDC West ADC Sum Att

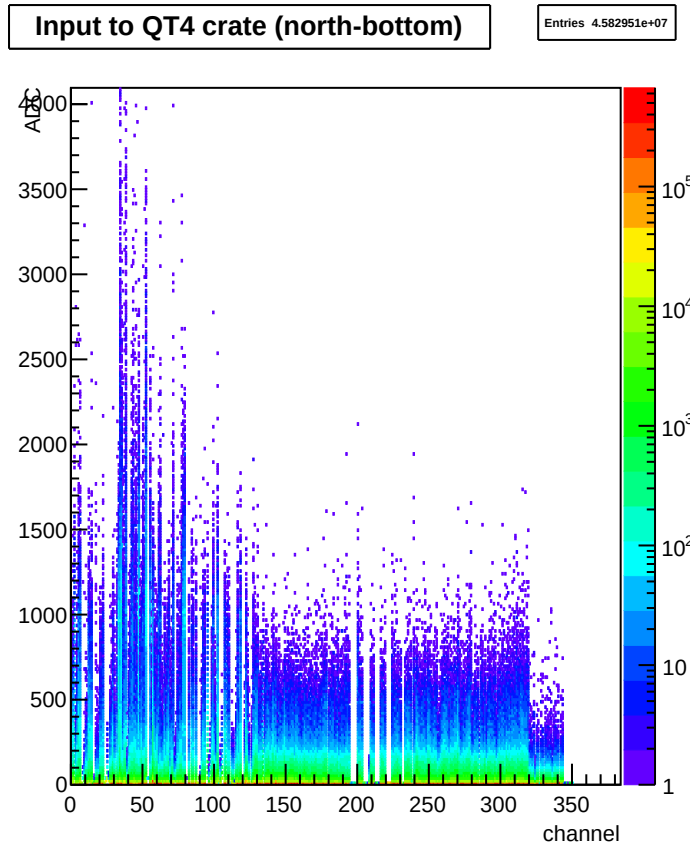

Entries 2704283
VPD East ADC Sum
VPD West ADC Sum

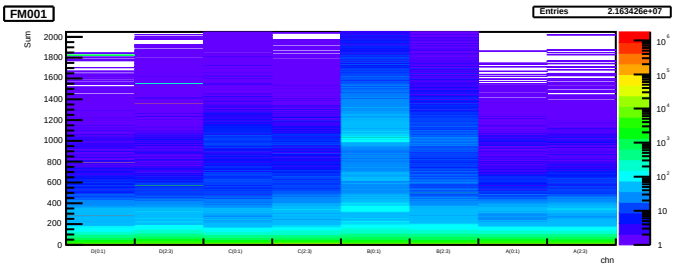

Entries 2704283
BBC-S TAC Diff
ZDC TAC Diff

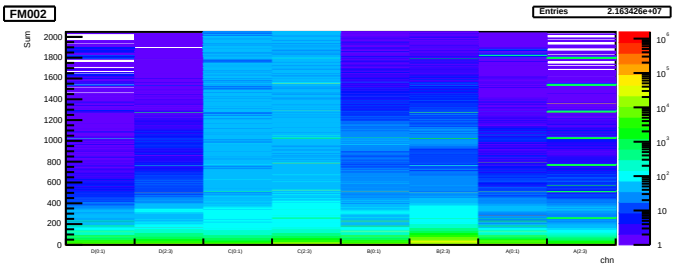

Input to QT1 crate (south-top)
Entries 5.911979e+07
ADC
channel

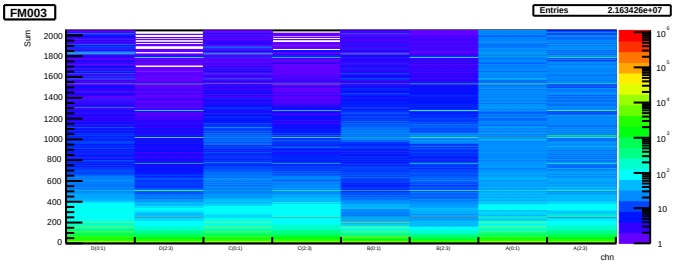

Input to QT3 crate (north-top)
Entries 5.727433e+07
ADC
channel

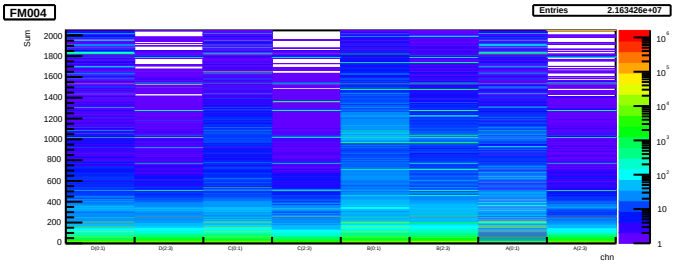

Input to QT2 crate (south-bottom)
Entries 5.96249e+07
ADC
channel

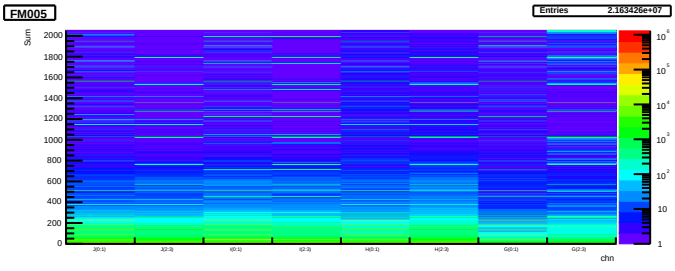

Input to QT4 crate (north-bottom)
Entries 4.582951e+07
ADC
channel

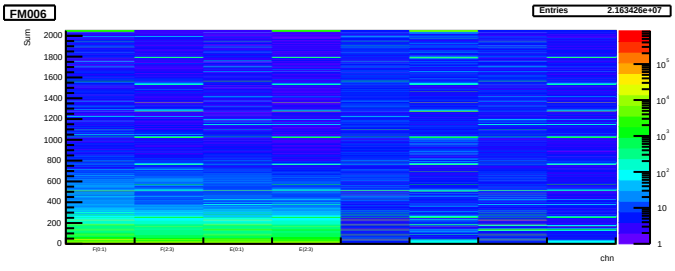

FM001
Entries 2.163426e+07
Sum
chn


FM002
Entries 2.163426e+07
Sum
chn


FM003
Entries 2.163426e+07
Sum
chn


FM004
Entries 2.163426e+07
Sum
chn


FM005
Entries 2.163426e+07
Sum
chn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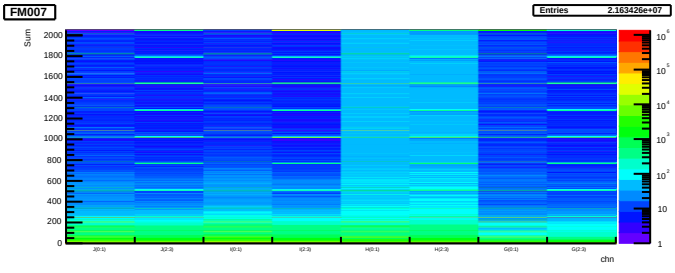
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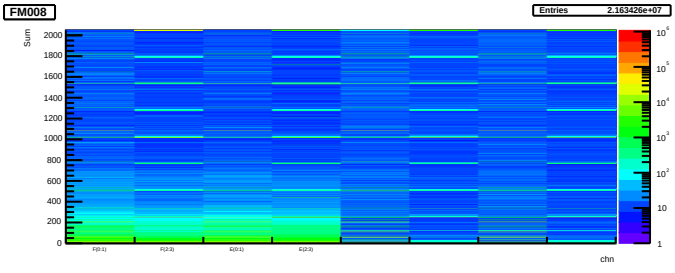
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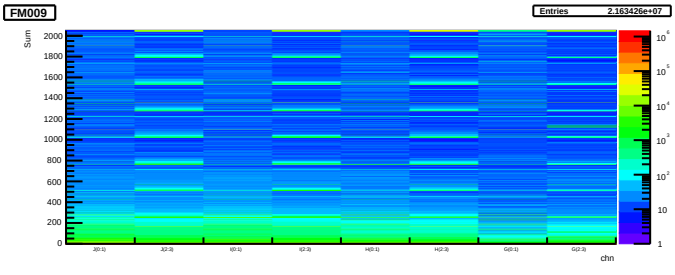
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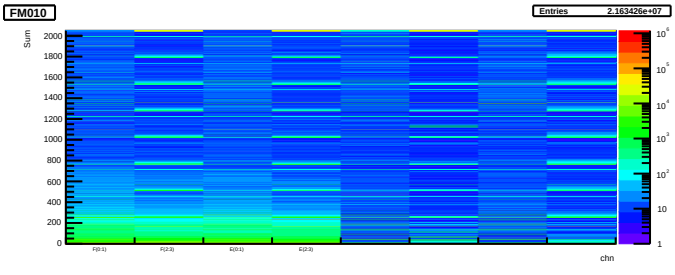
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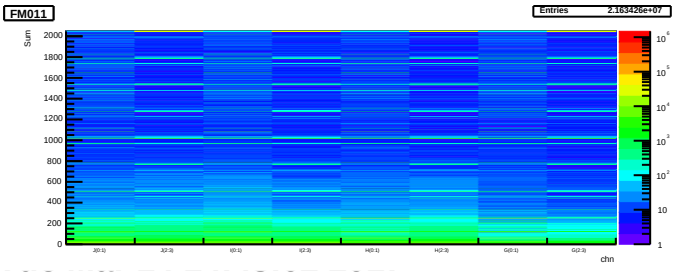
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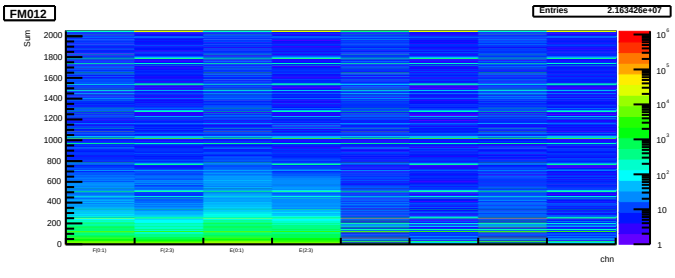
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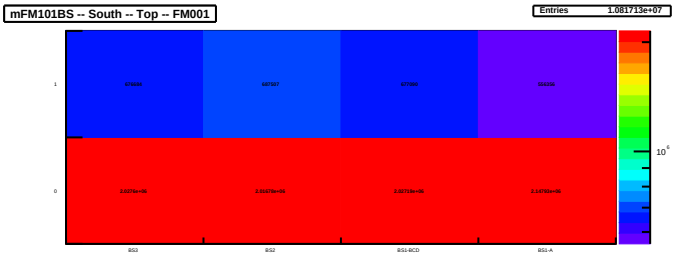
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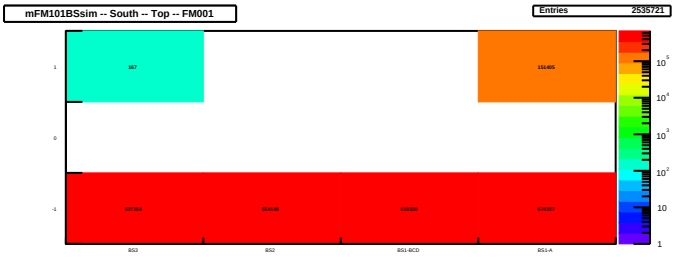
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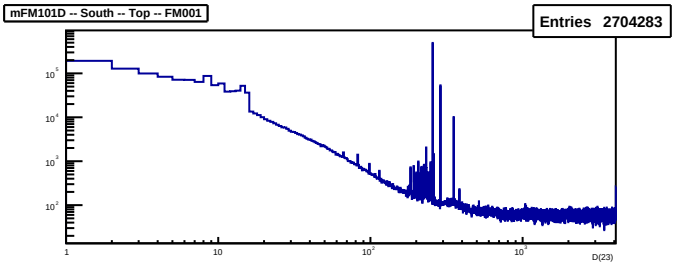
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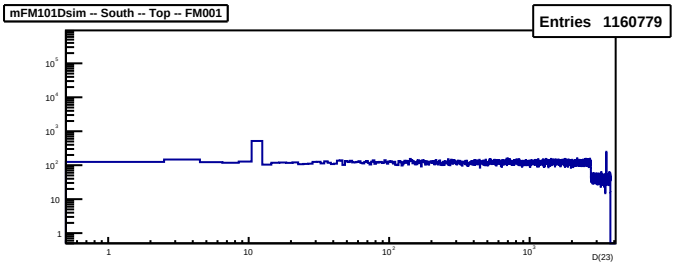
Entries 2704283
D(23)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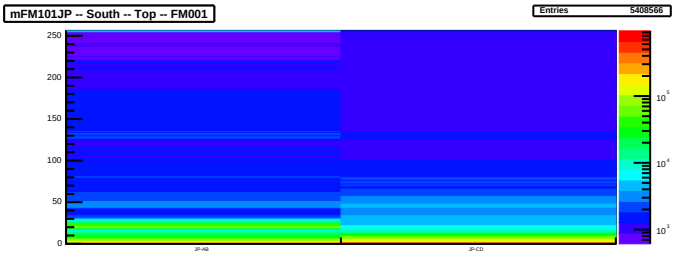
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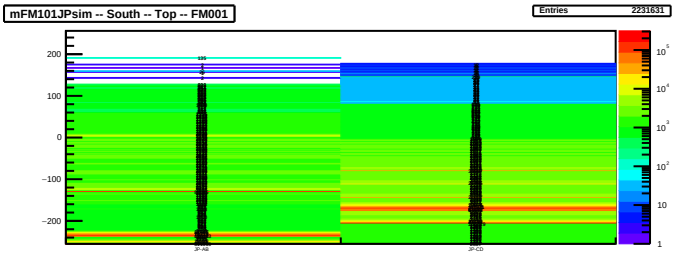
Entries 5408566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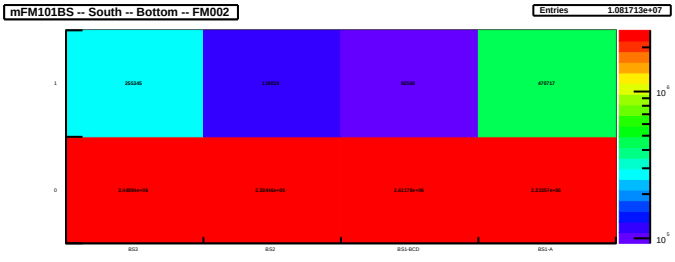
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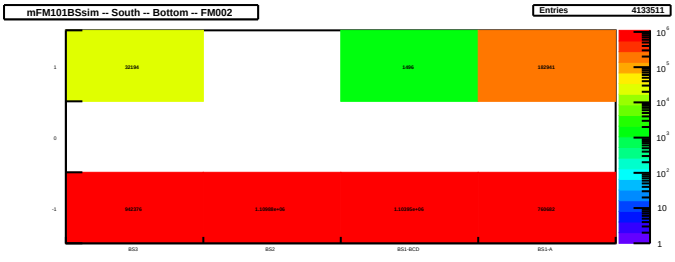
Entries 1.081713e+07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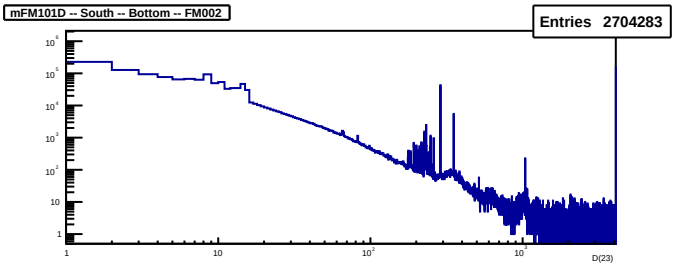
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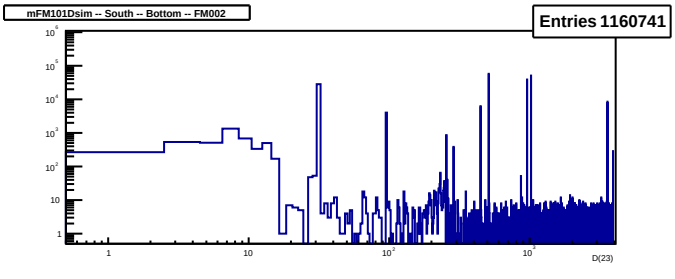
Entries 2704283
D(23)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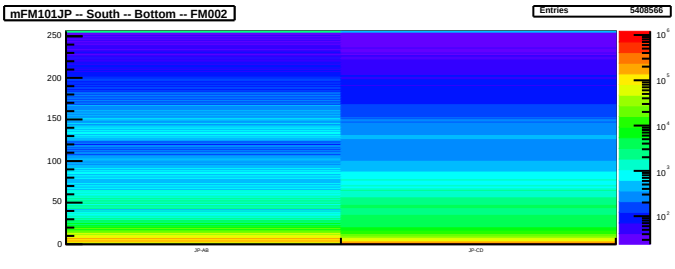
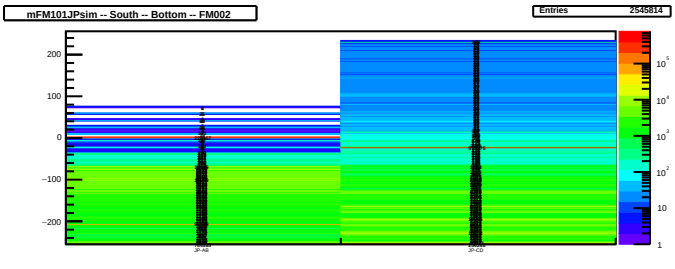

mFM101JP -- South -- Bottom -- FM002
Entries 5408566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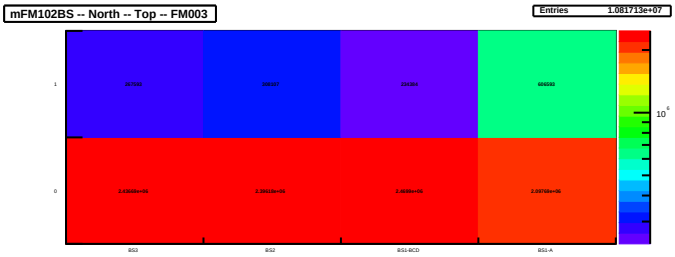
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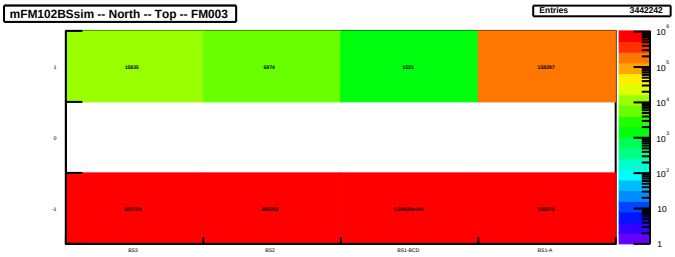
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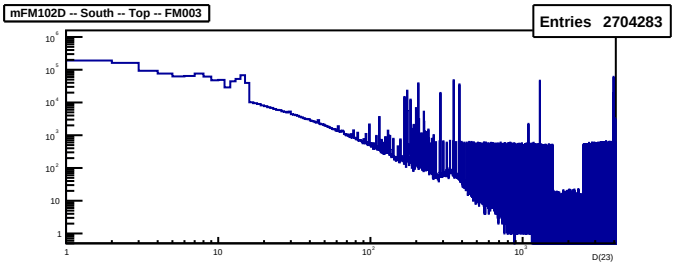
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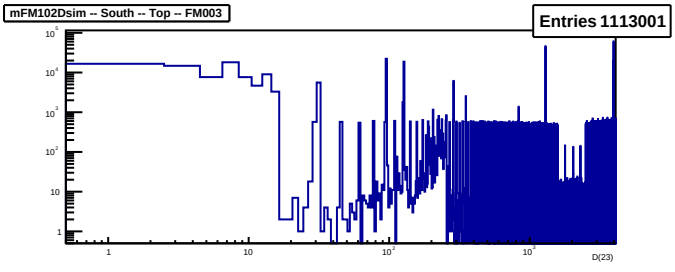
Entries 2704283
D(23)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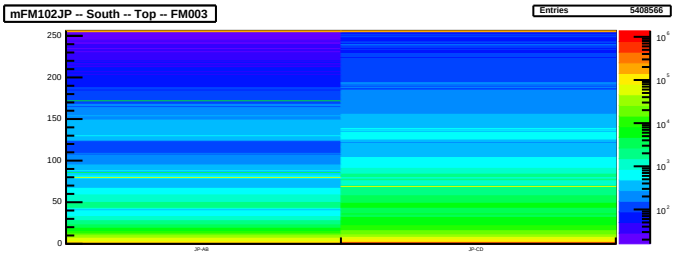
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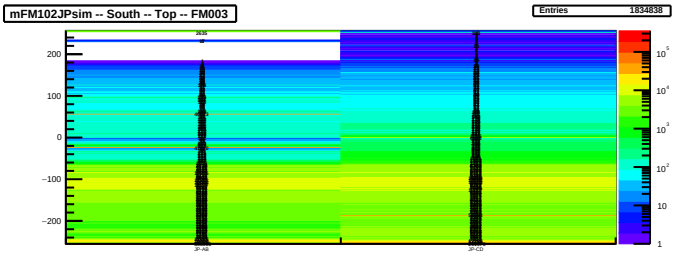
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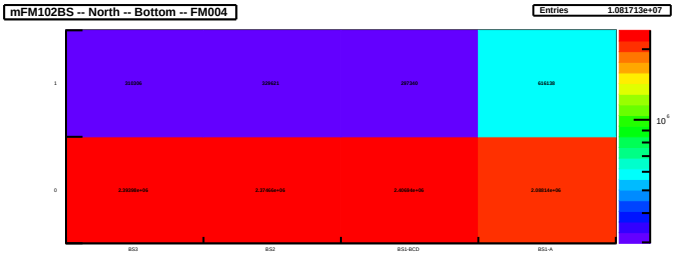
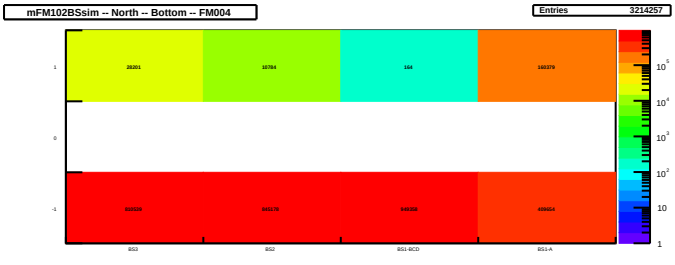

mFM102BS -- North -- Bottom -- FM004
Entries 1.081713e+07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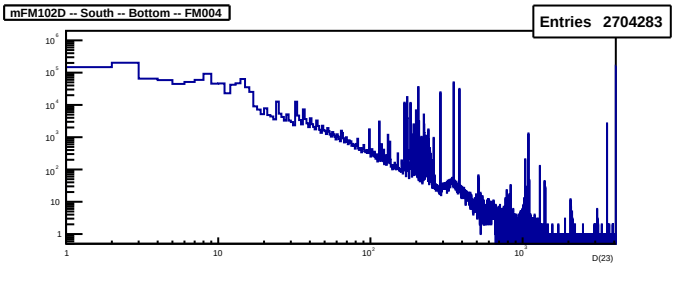
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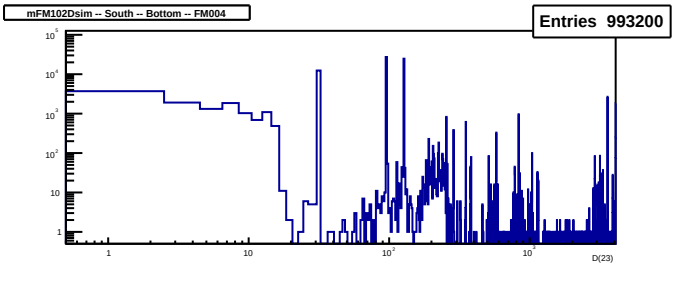
D(23)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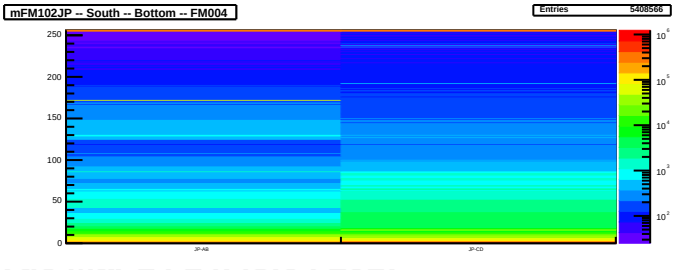
mFM102JP -- South -- Bottom -- FM004
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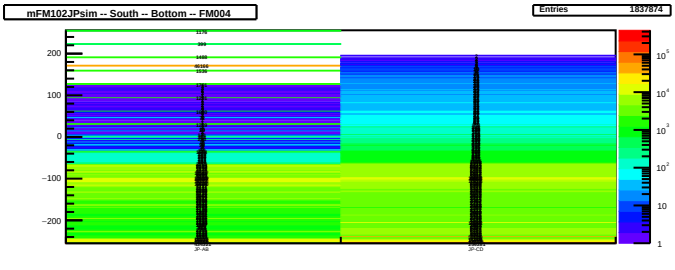
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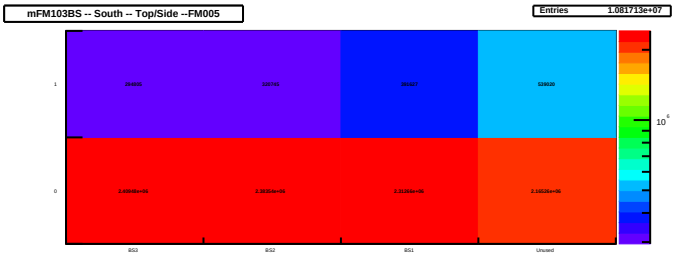
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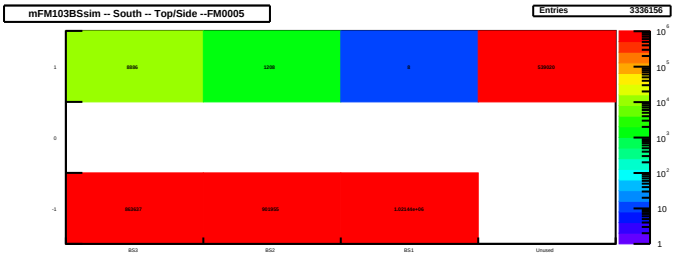
Entries 1.081713e+07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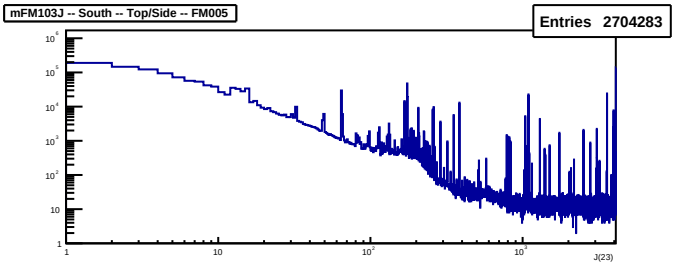
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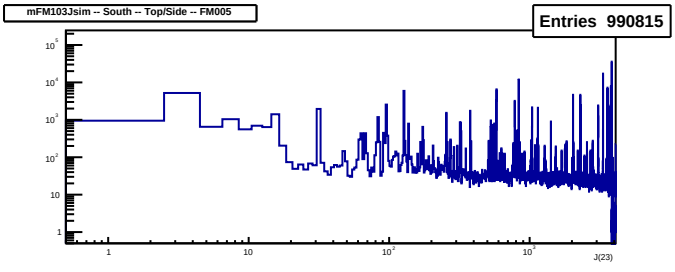
Entries 2704283
J(23)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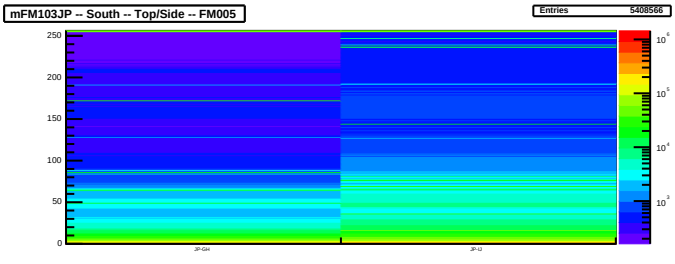
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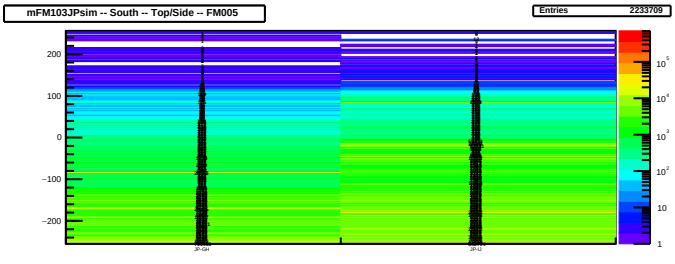
Entries 5408566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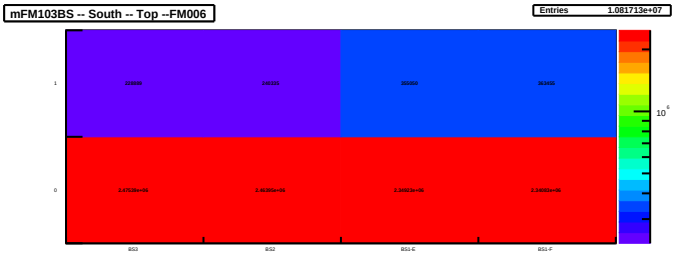
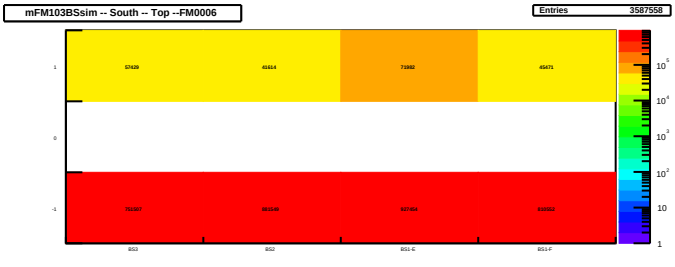

mFM103BS -- South -- Top --FM006
Entries 1.081713e+07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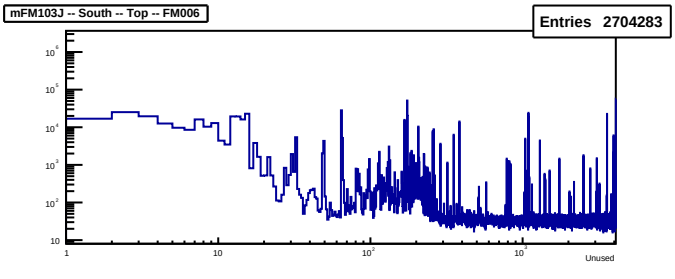
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Entries 2704283
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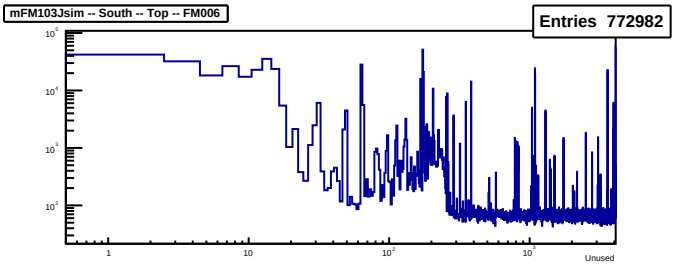
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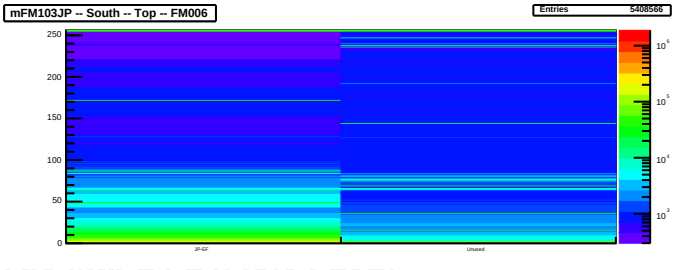
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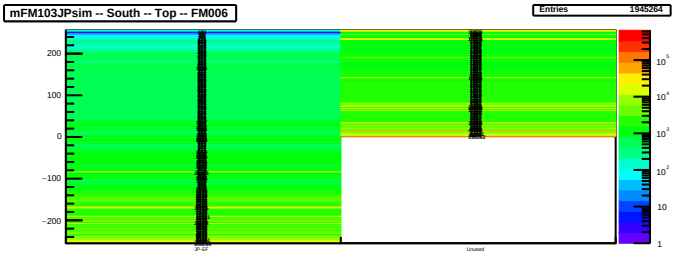
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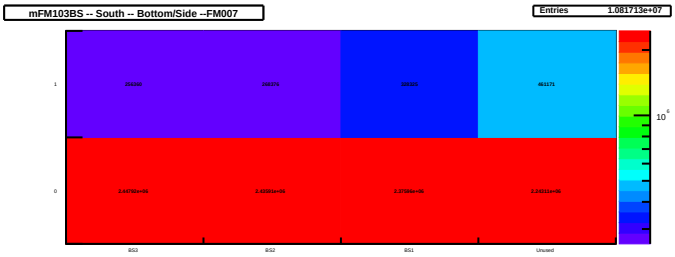
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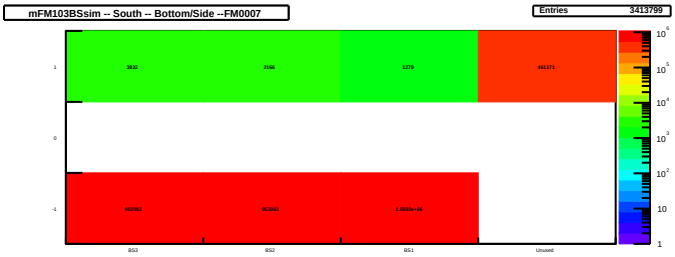
Entries 1.081713e+07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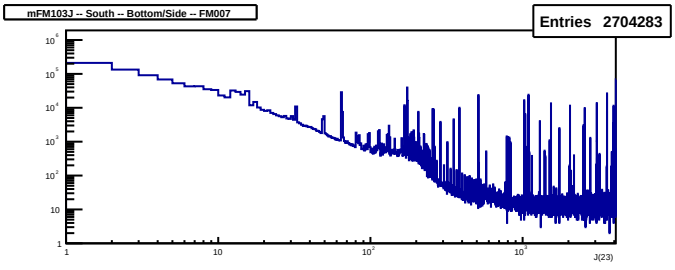
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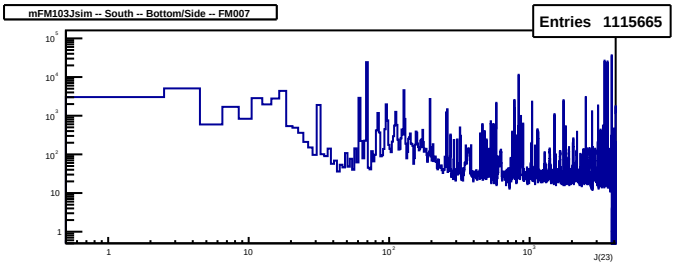
Entries 2704283
J(23)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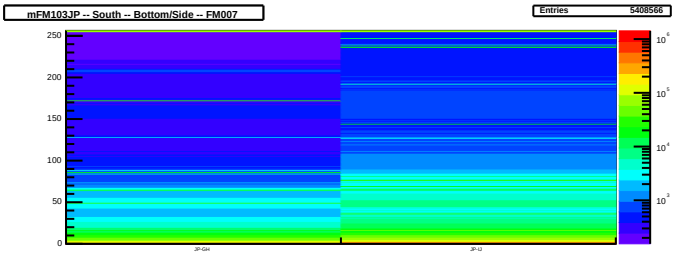
J(23)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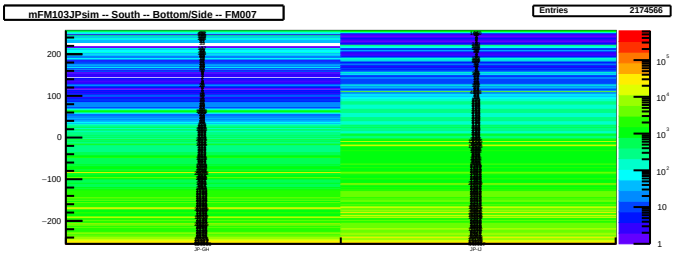
Entries 5408566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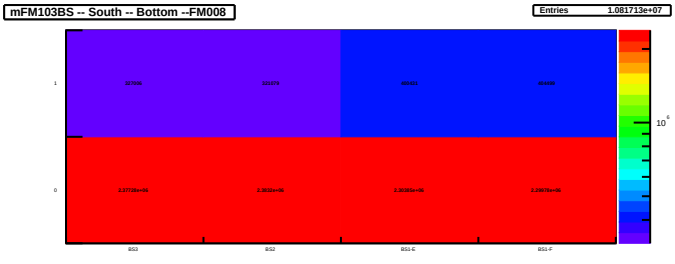
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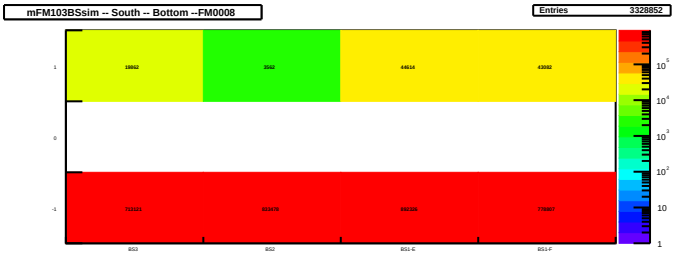
Entries 1.081713e+07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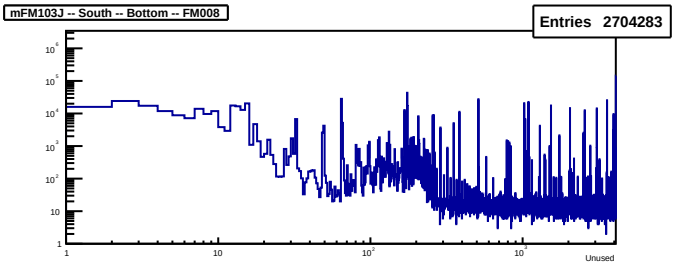
mFM103J -- South -- Bottom -- FM008
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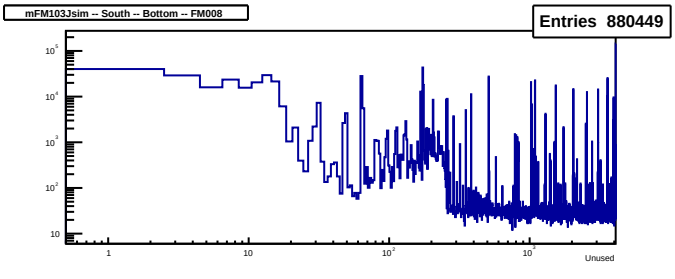
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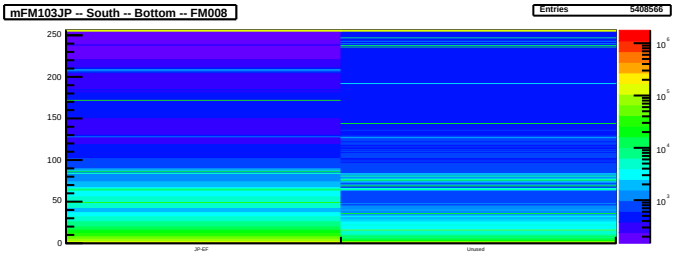
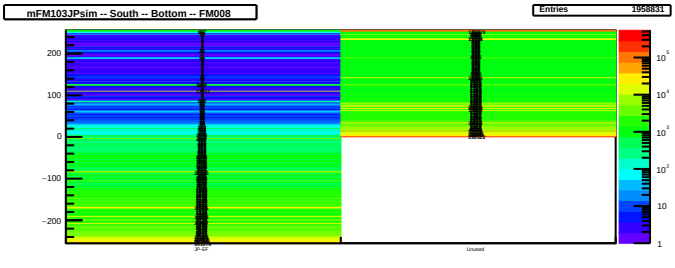
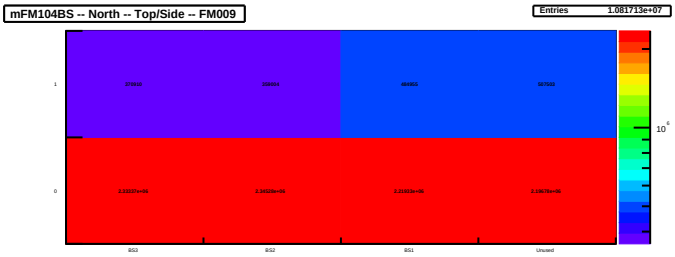
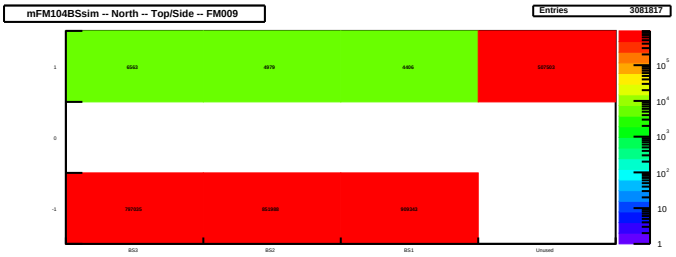

mFM103JP -- South -- Bottom -- FM008
Entries 5408566


mFM103JPsim -- South -- Bottom -- FM008
Entries 1958831


mFM104BS -- North -- Top/Side -- FM009
Entries 1.081713e+07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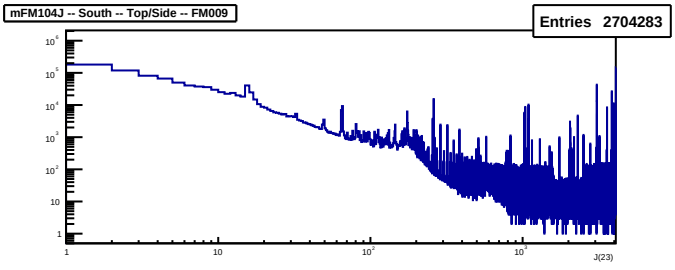
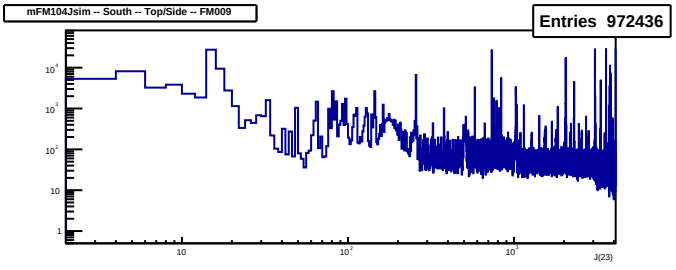
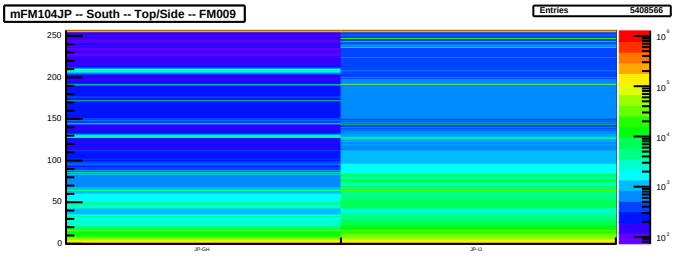
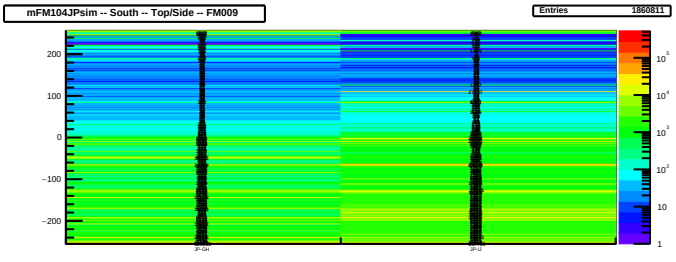
Entries 3081817


mFM104J -- South -- Top/Side -- FM009
Entries 2704283
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 972436
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 5408566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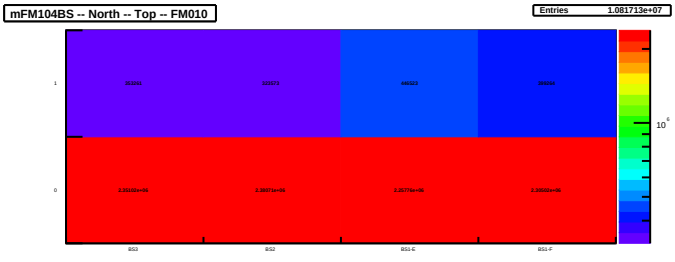
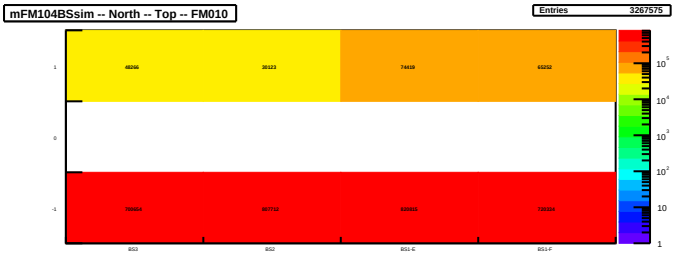
Entries 1860811


mFM104BS -- North -- Top -- FM010
Entries 1.081713e+07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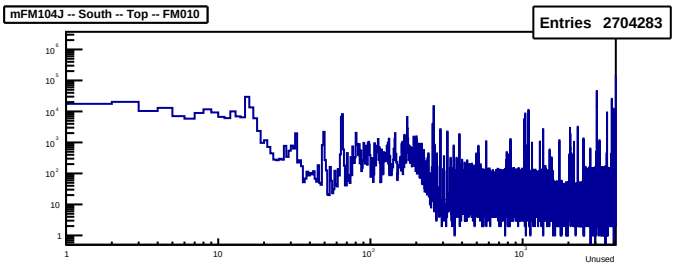
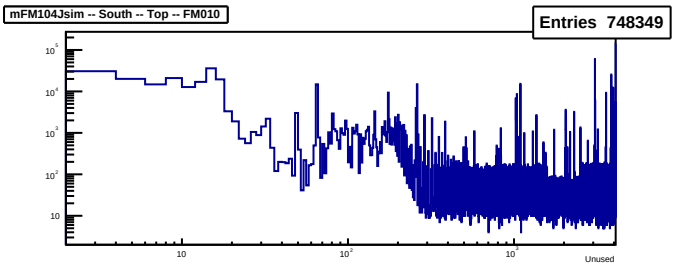
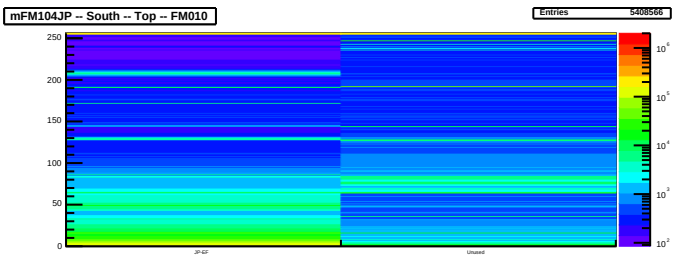
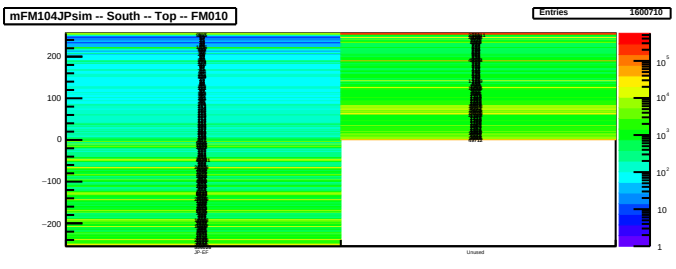
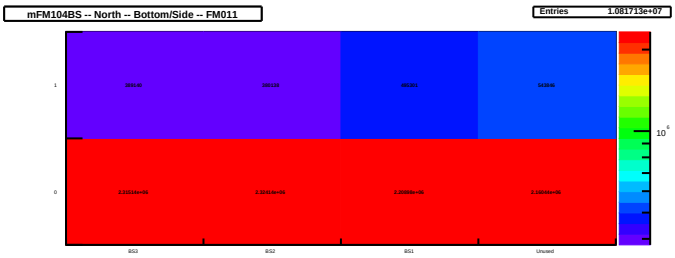
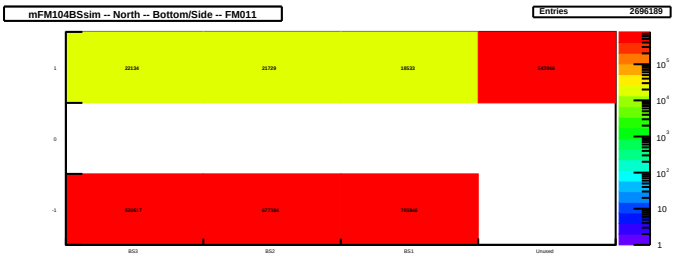

mFM104J -- South -- Top -- FM010
Entries 2704283
Unused

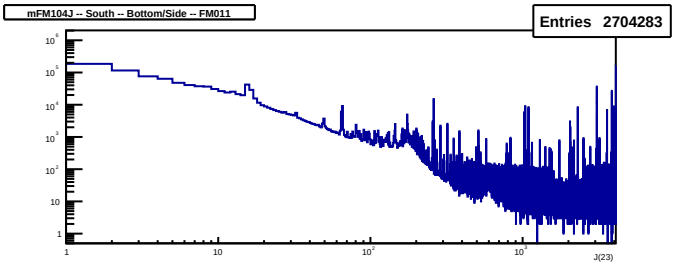

mFM104Jsim -- South -- Top -- FM010
Entries 748349
Unused

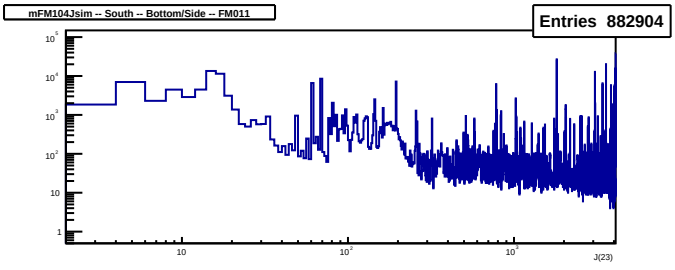

mFM104JP -- South -- Top -- FM010
Entries 5408566

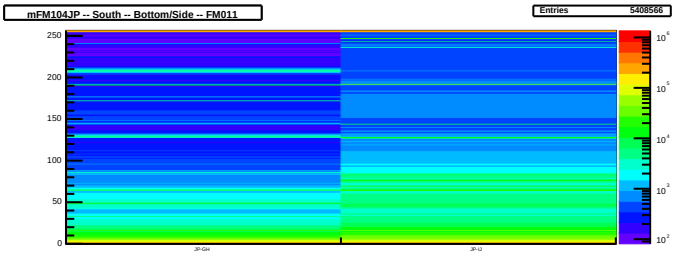

mFM104JPsim -- South -- Top -- FM010
Entries 1600710

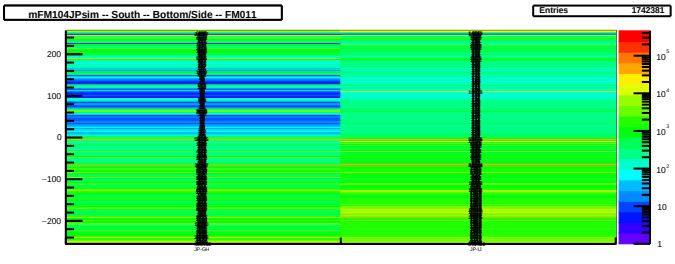

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.081713e+07


mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 2696189


mFM104J -- South -- Bottom/Side -- FM011
Entries 2704283
J(23)


mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 882904
J(23)


mFM104JP -- South -- Bottom/Side -- FM011
Entries 5408566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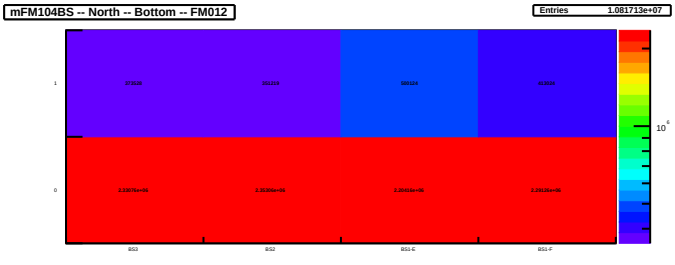
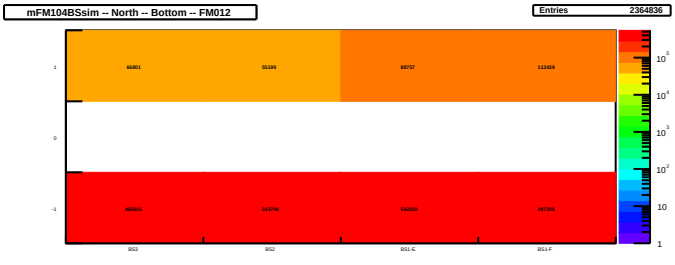
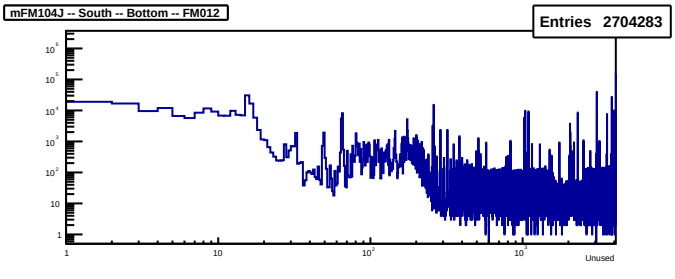
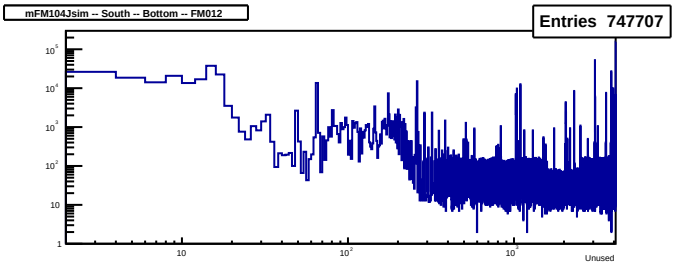
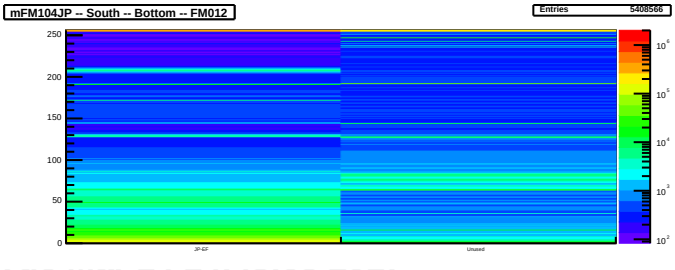
Entries 1742381

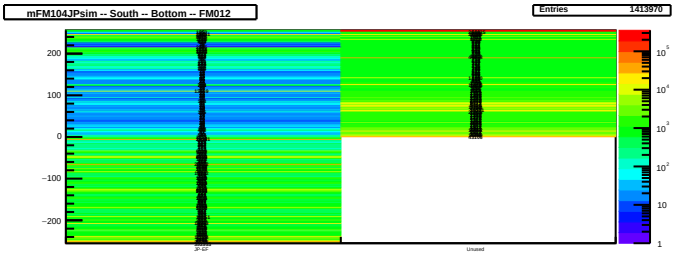

mFM104BS -- North -- Bottom -- FM012
Entries 1.081713e+07

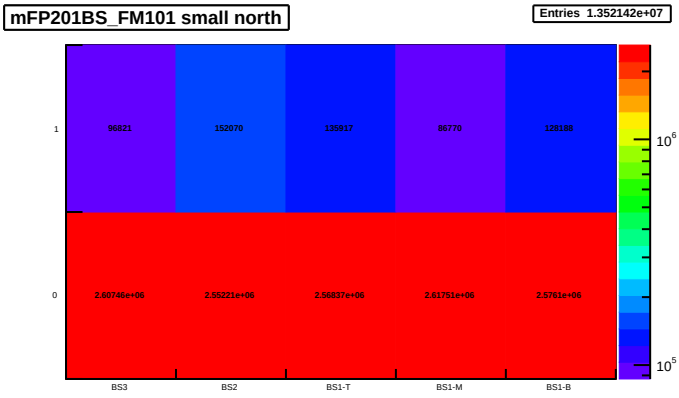

mFM104BSsim -- North -- Bottom -- FM012
Entries 2364836

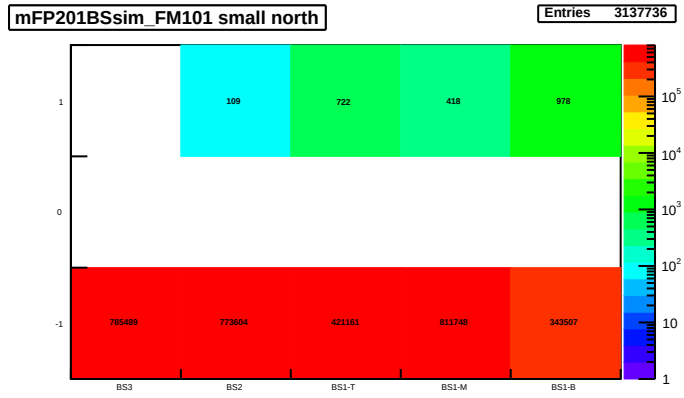

mFM104J -- South -- Bottom -- FM012
Entries 2704283
Unused

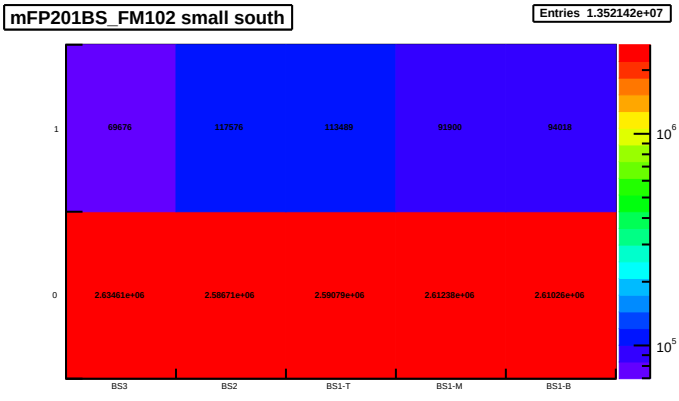

mFM104Jsim -- South -- Bottom -- FM012
Entries 747707
Unused

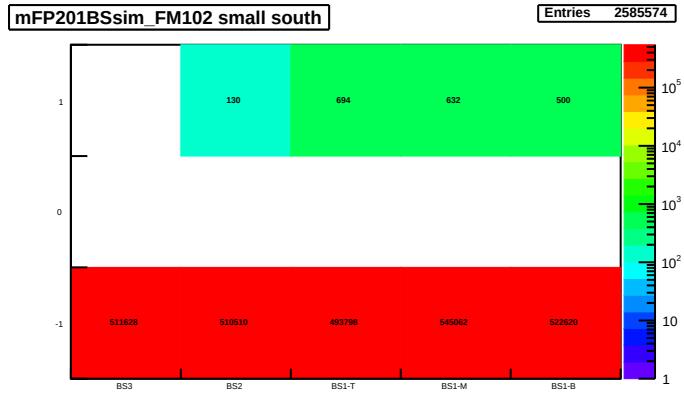

mFM104JP -- South -- Bottom -- FM012
Entries 5408566

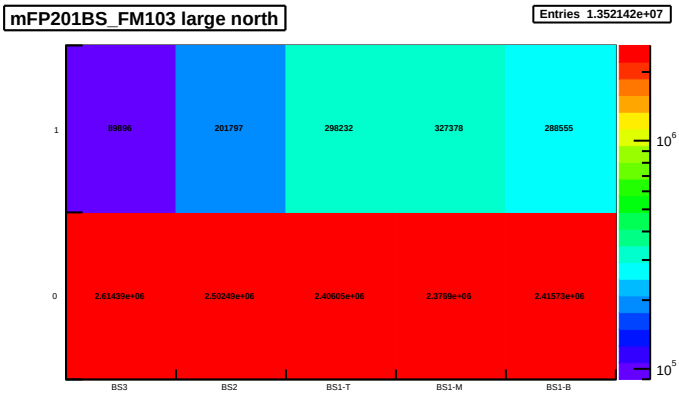

mFM104JPsim -- South -- Bottom -- FM012
Entries 1413970

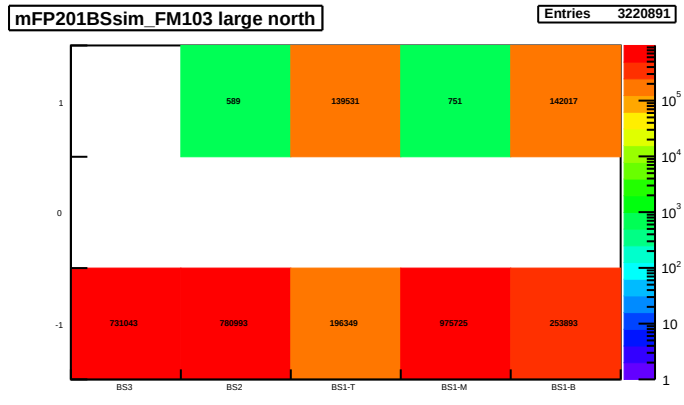

mFP201BS_FM101 small north
Entries 1.352142e+07
96821
152070
135917
86770
128188
2.60746e+06
2.55221e+06
2.56837e+06
2.61751e+06
2.5761e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

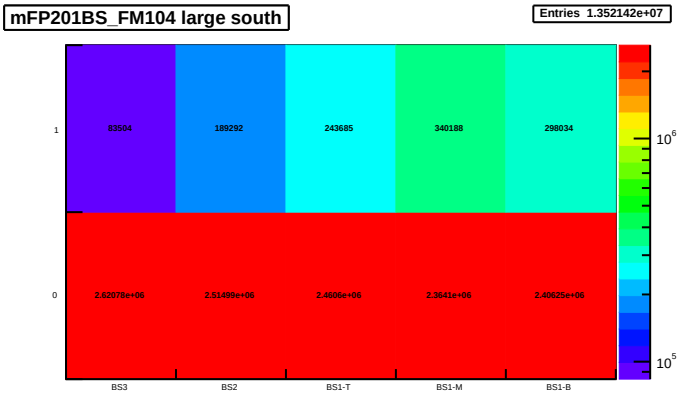

mFP201BSsim_FM101 small north
Entries 3137736
109
722
418
978
785489
773604
421161
811748
343507
BS3
BS2
BS1-T
BS1-M
BS1-B

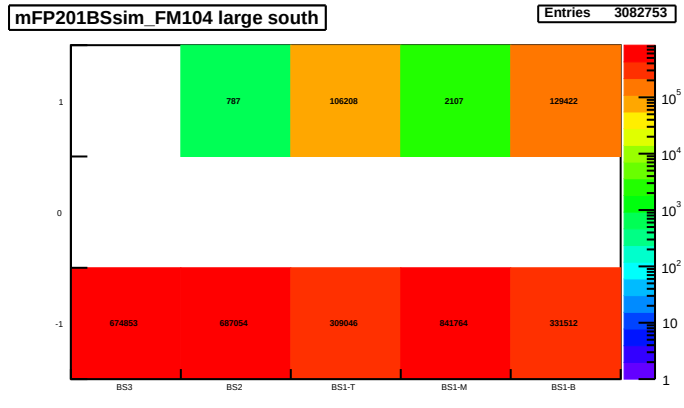

mFP201BS_FM102 small south
Entries 1.352142e+07
69676
117576
113489
91900
94018
2.63461e+06
2.58671e+06
2.59079e+06
2.61238e+06
2.61026e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

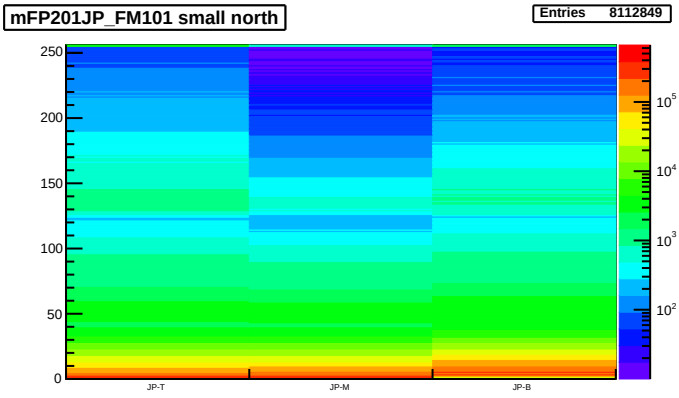

mFP201BSsim_FM102 small south
Entries 2585574
130
694
632
500
511628
510510
493798
545062
522620
BS3
BS2
BS1-T
BS1-M
BS1-B

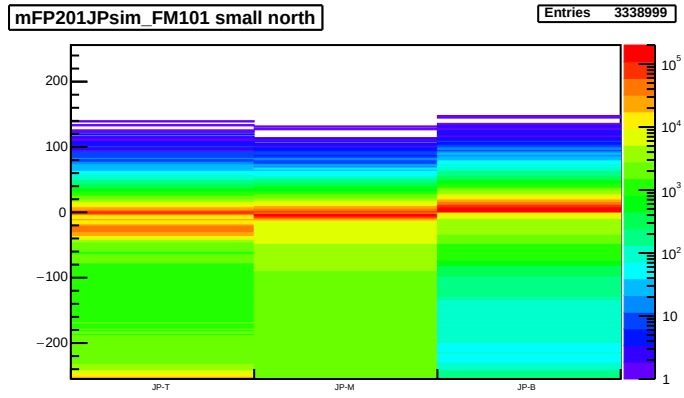

mFP201BS_FM103 large north
Entries 1.352142e+07
89896
201797
298232
327378
288555
2.61439e+06
2.50249e+06
2.40605e+06
2.3769e+06
2.41573e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM103 large north
Entries 3220891
589
139531
751
142017
731043
780993
196349
975725
253893
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BS_FM104 large south
Entries 1.352142e+07
83504
189292
243685
340188
298034
2.62078e+06
2.51499e+06
2.4606e+06
2.3641e+06
2.40625e+06
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201BSsim_FM104 large south
Entries 3082753
787
106208
2107
129422
674853
687054
309046
841764
331512
BS3
BS2
BS1-T
BS1-M
BS1-B


mFP201JP_FM101 small north
Entries 8112849
JP-T
JP-M
JP-B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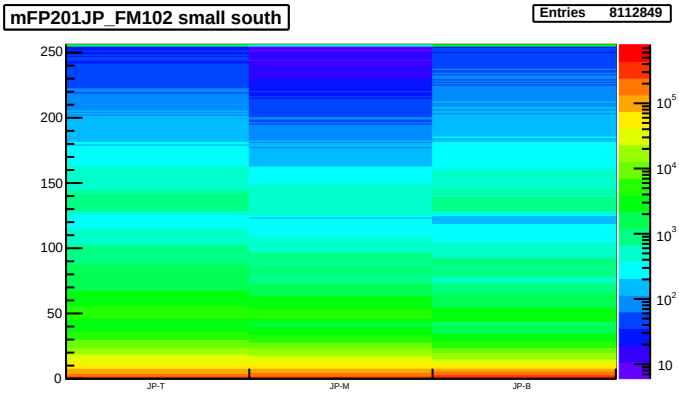
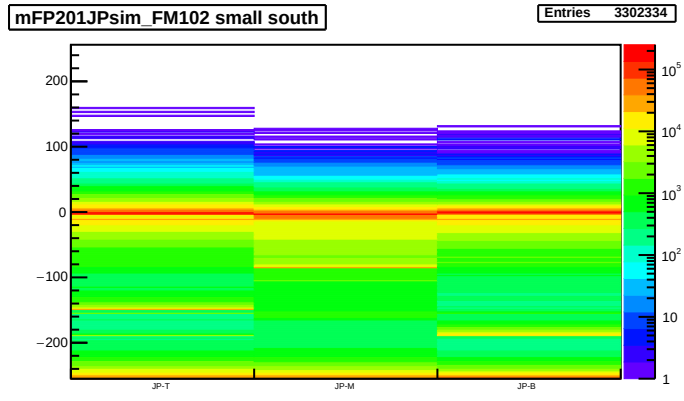
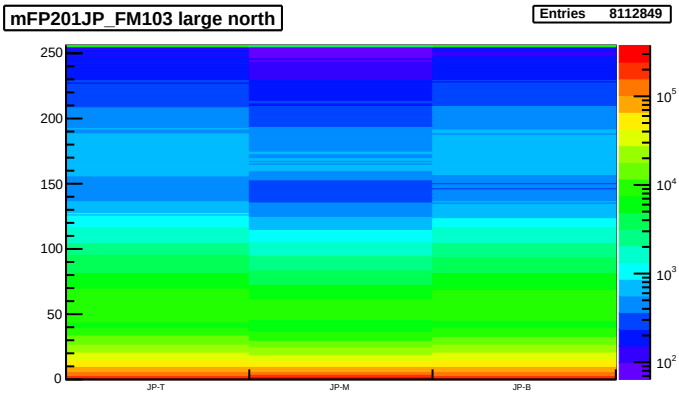
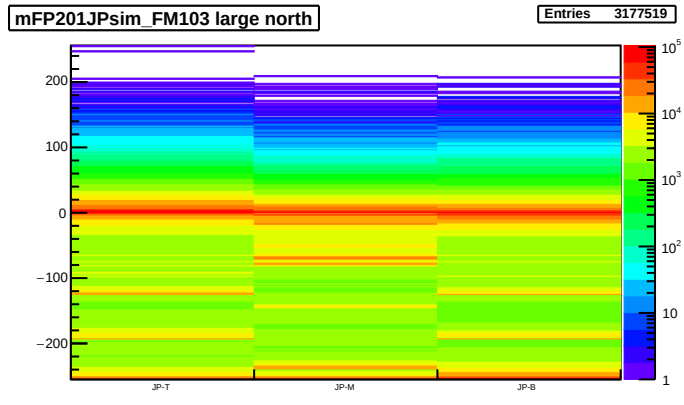
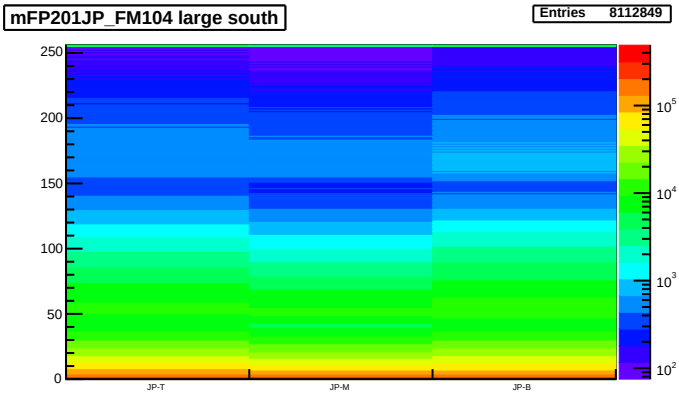
Entries 3338999
JP-T
JP-M
JP-B

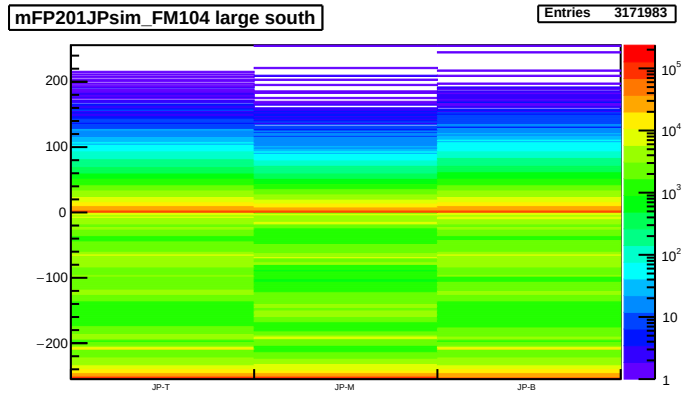

mFP201JP_FM102 small south
Entries 8112849
JP-T
JP-M
JP-B

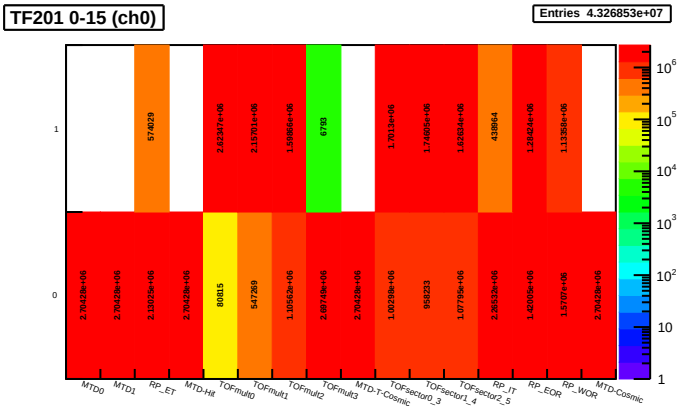

mFP201JPsim_FM102 small south
Entries 3302334
JP-T
JP-M
JP-B

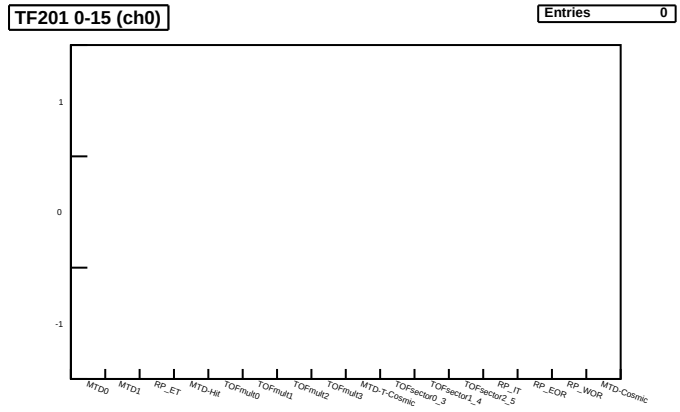

mFP201JP_FM103 large north
Entries 8112849
JP-T
JP-M
JP-B

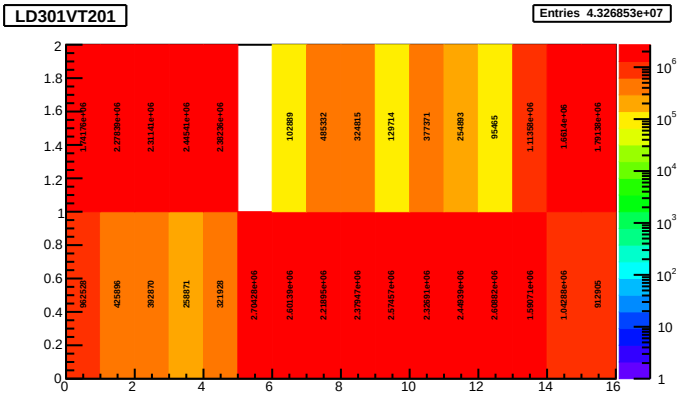

mFP201JPsim_FM103 large north
Entries 3177519
JP-T
JP-M
JP-B

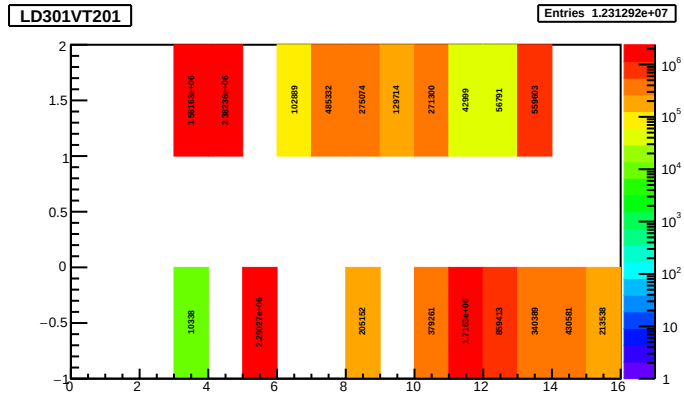

mFP201JP_FM104 large south
Entries 8112849
JP-T
JP-M
JP-B

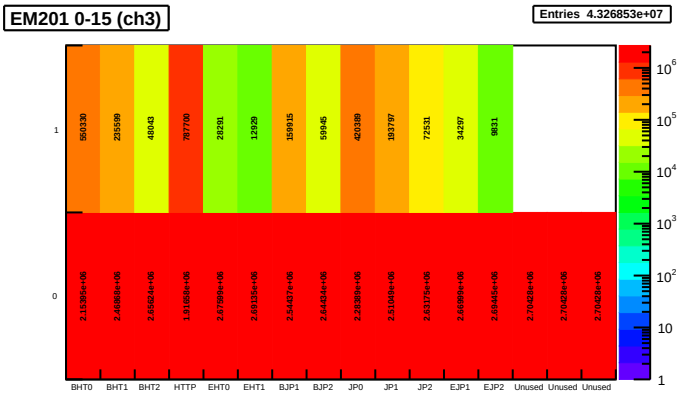

mFP201JPsim_FM104 large south
Entries 3171983
JP-T
JP-M
JP-B

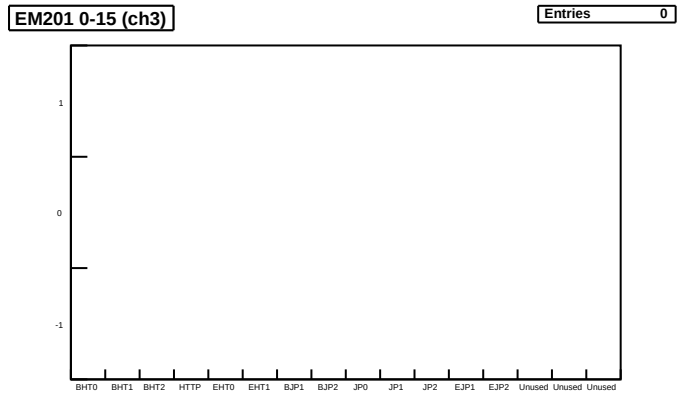

TF201 0-15 (ch0)
Entries 4.326853e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

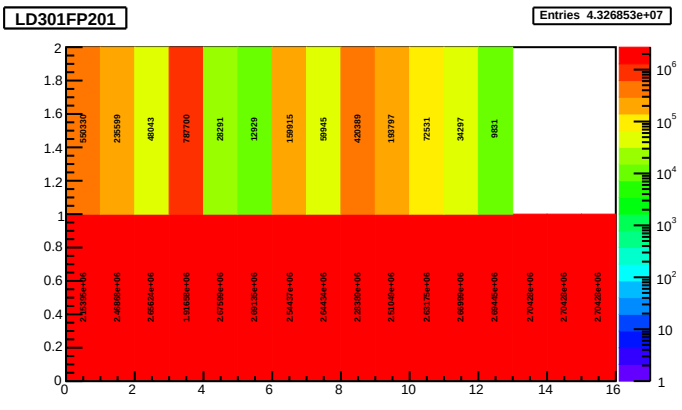

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

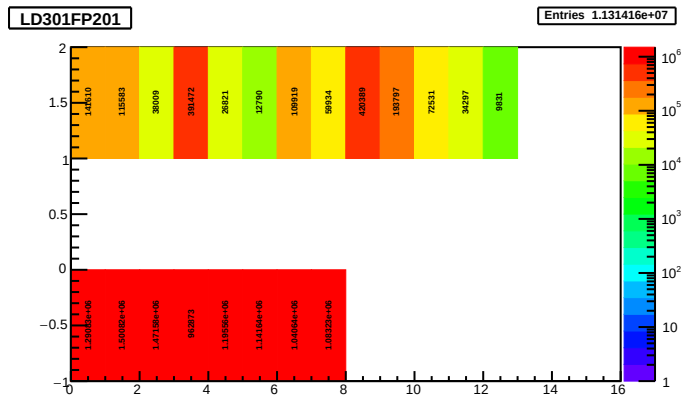

LD301VT201
Entries 4.326853e+07


LD301VT201
Entries 1.231292e+07


EM201 0-15 (ch3)
Entries 4.326853e+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 4.326853e+07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