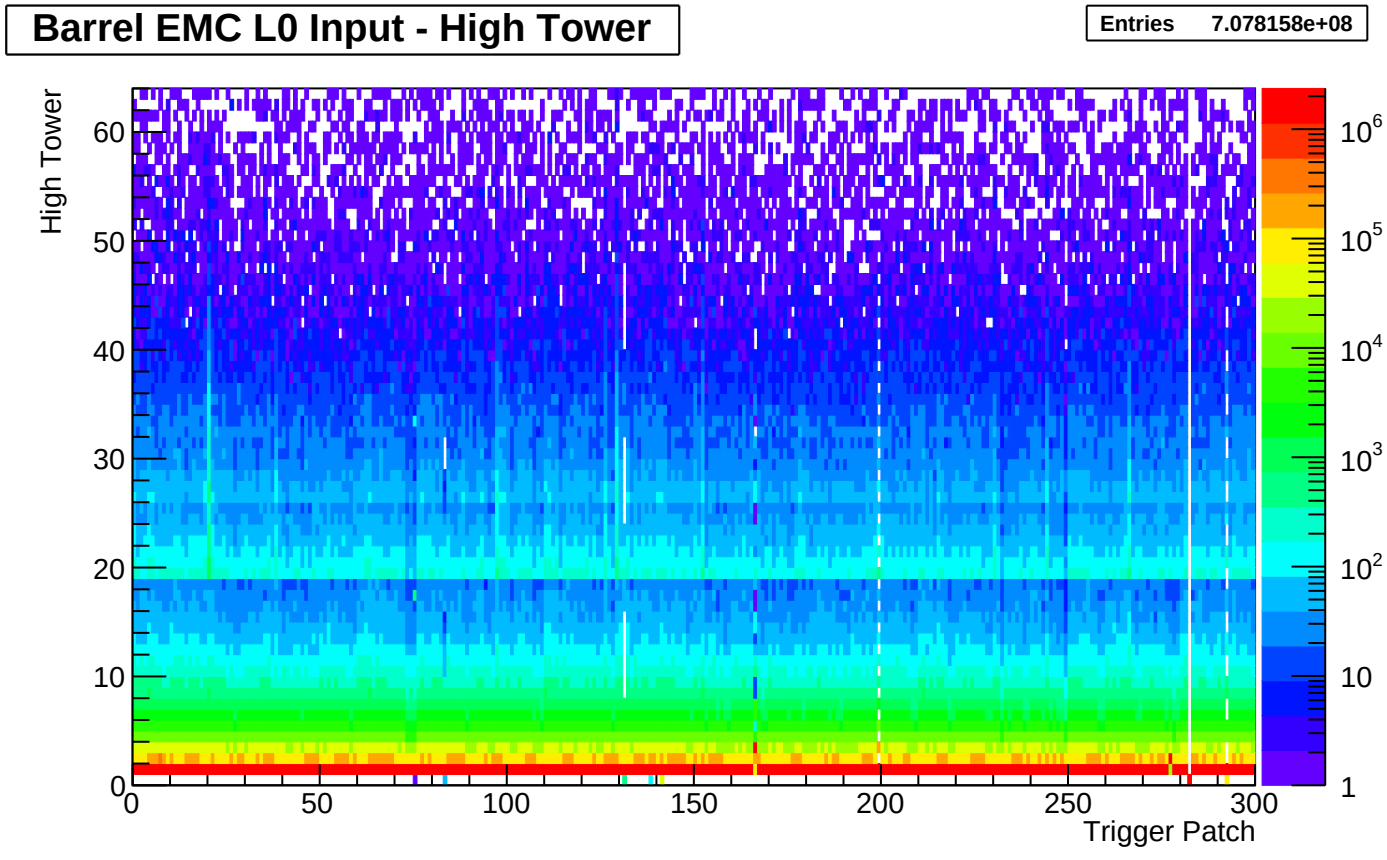
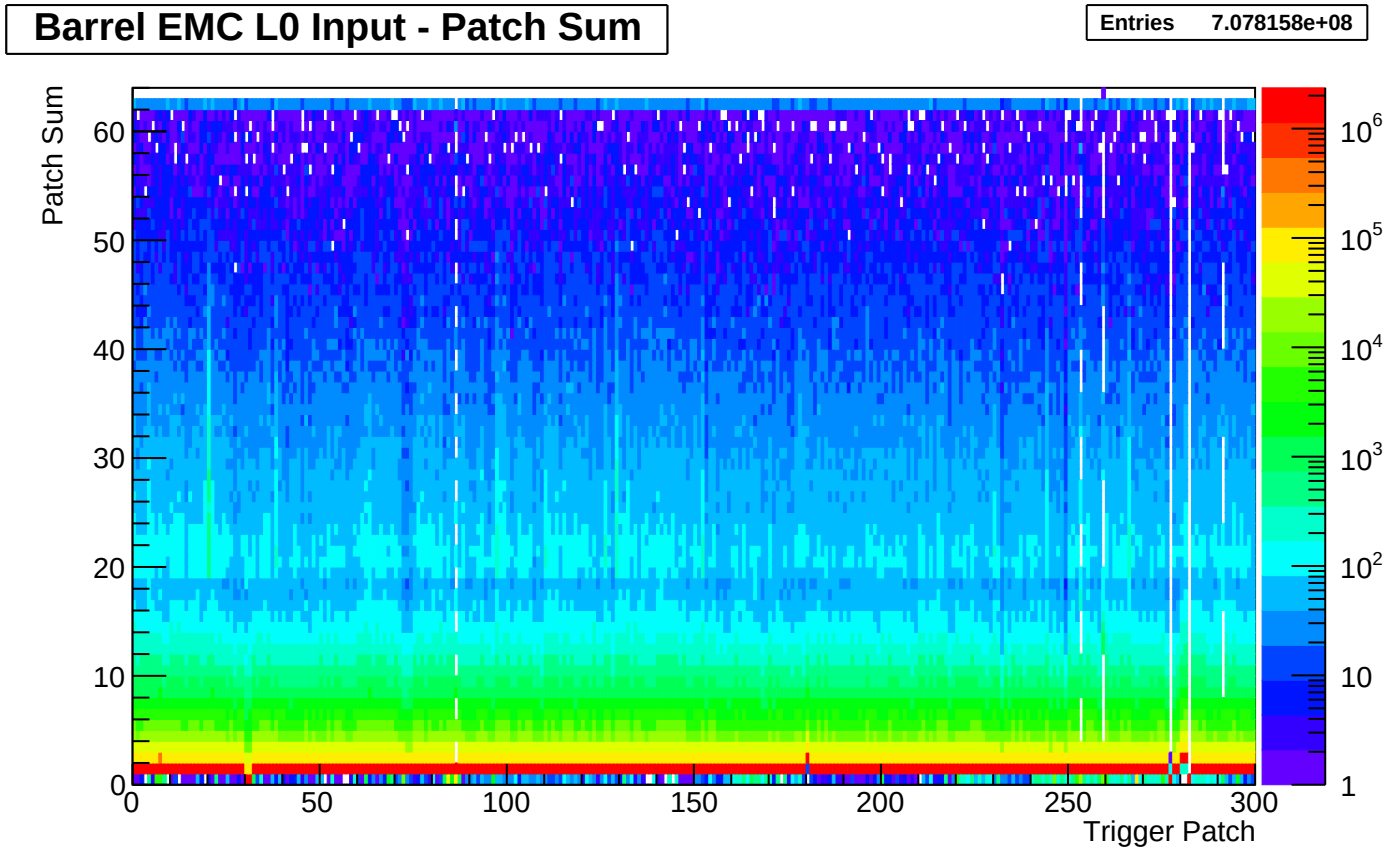
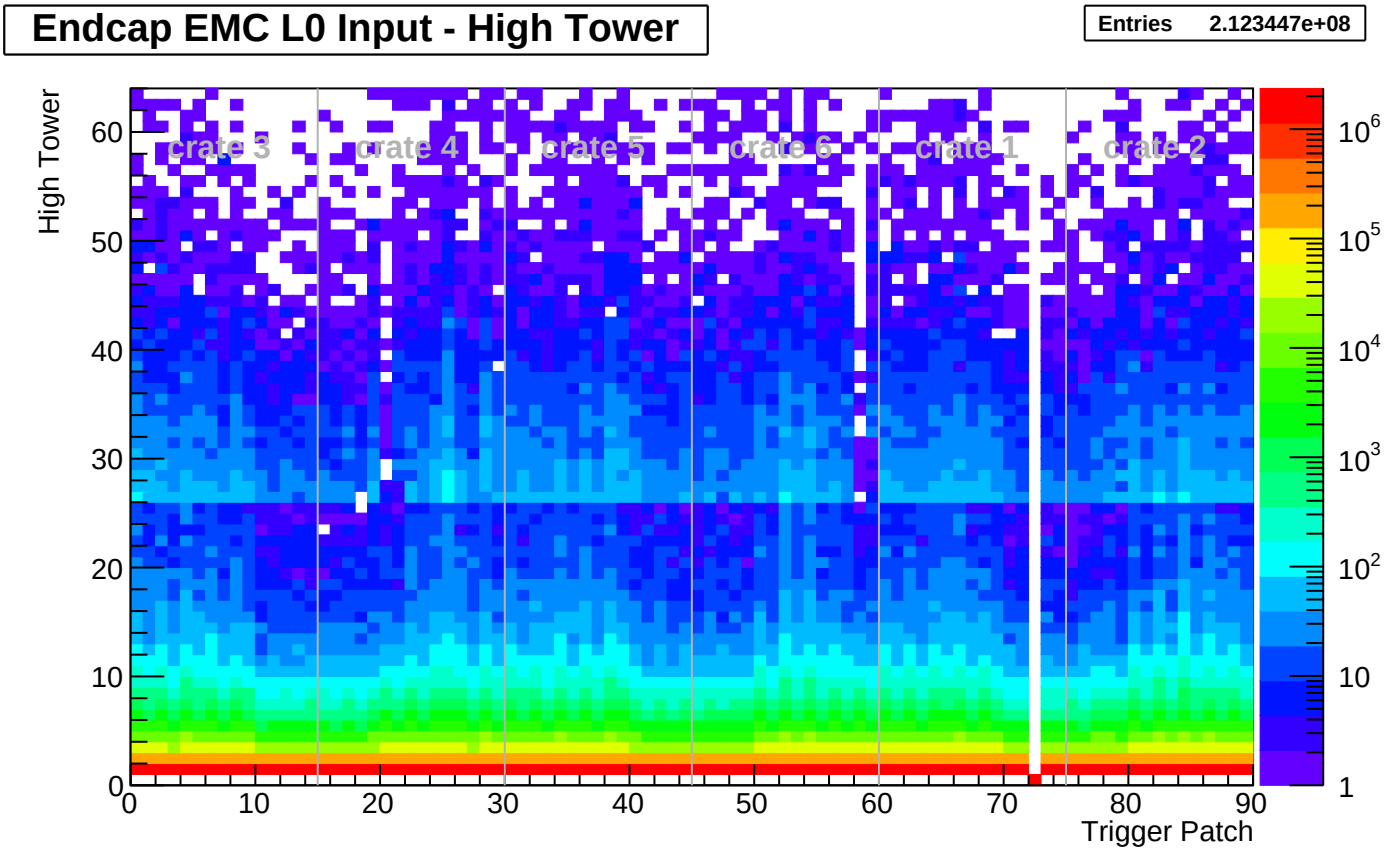
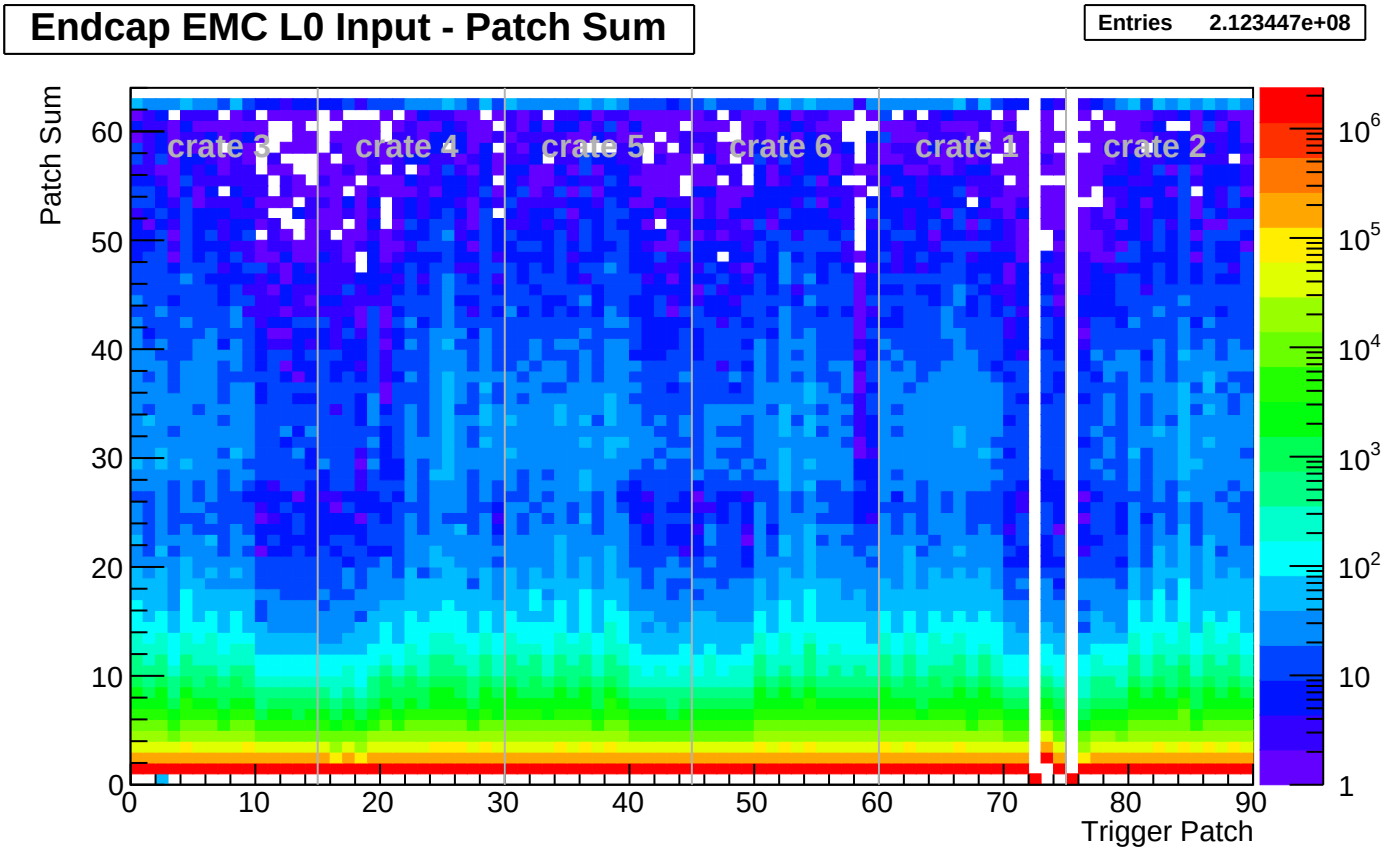
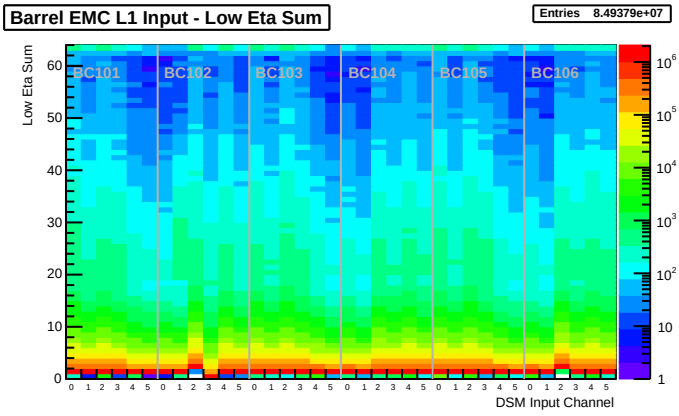
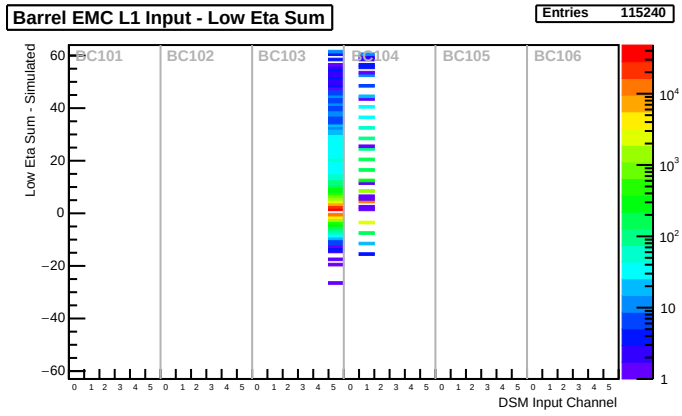

Barrel EMC L0 Input - High Tower
Entries 7.078158e+08
High Tower
Trigger Patch

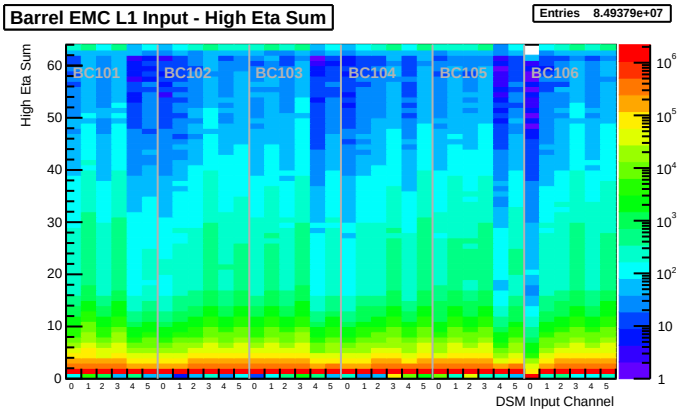

Barrel EMC L0 Input - Patch Sum
Entries 7.078158e+08
Patch Sum
Trigger Patch

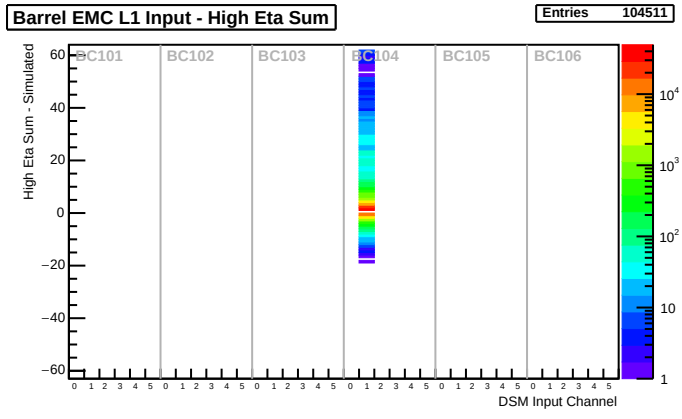

Endcap EMC L0 Input - High Tower
Entries 2.123447e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

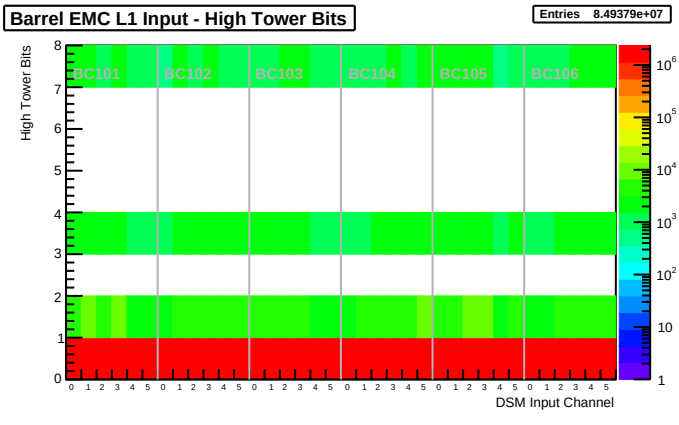

Endcap EMC L0 Input - Patch Sum
Entries 2.123447e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

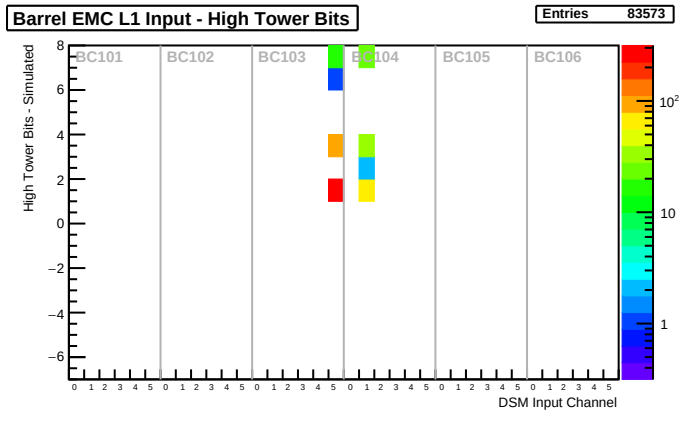

Barrel EMC L1 Input - Low Eta Sum
Entries 8.49379e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

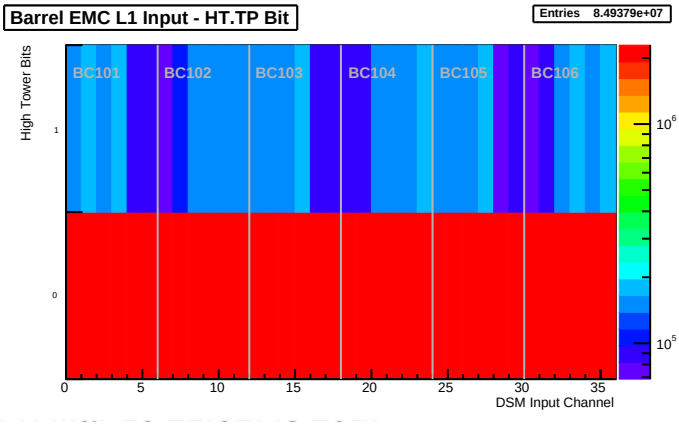

Barrel EMC L1 Input - Low Eta Sum
Entries 115240
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

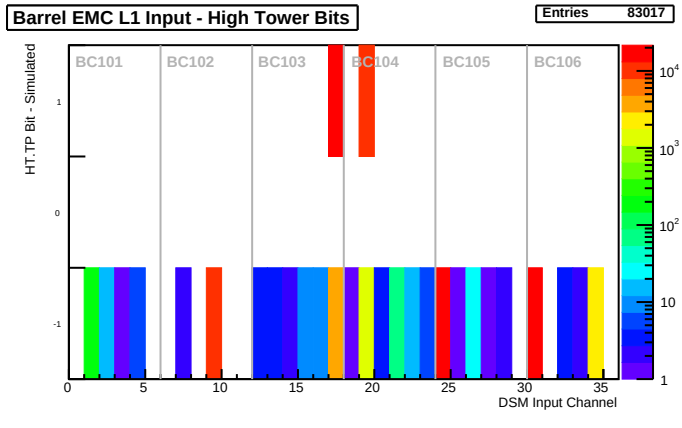

Barrel EMC L1 Input - High Eta Sum
Entries 8.49379e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

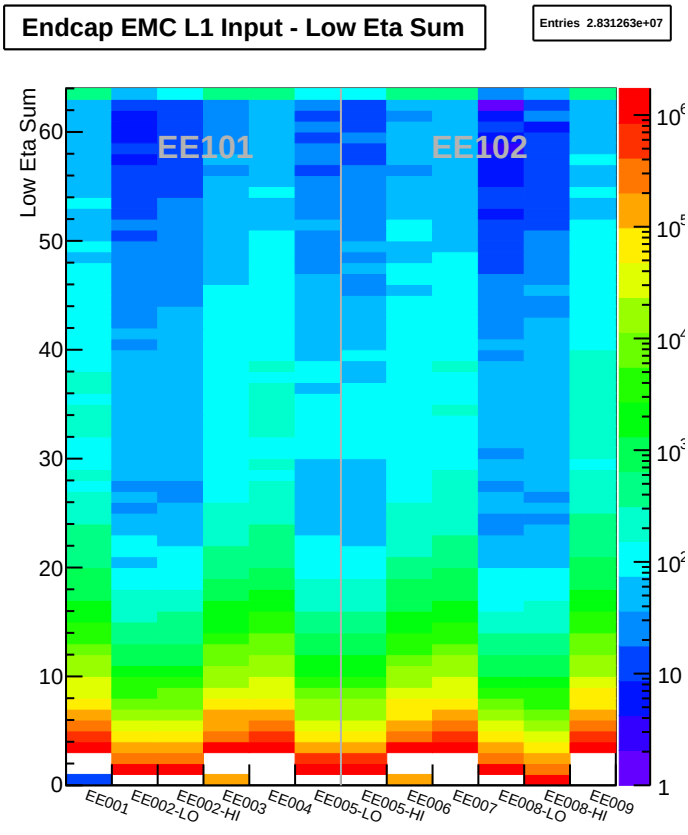

Barrel EMC L1 Input - High Eta Sum
Entries 104511
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

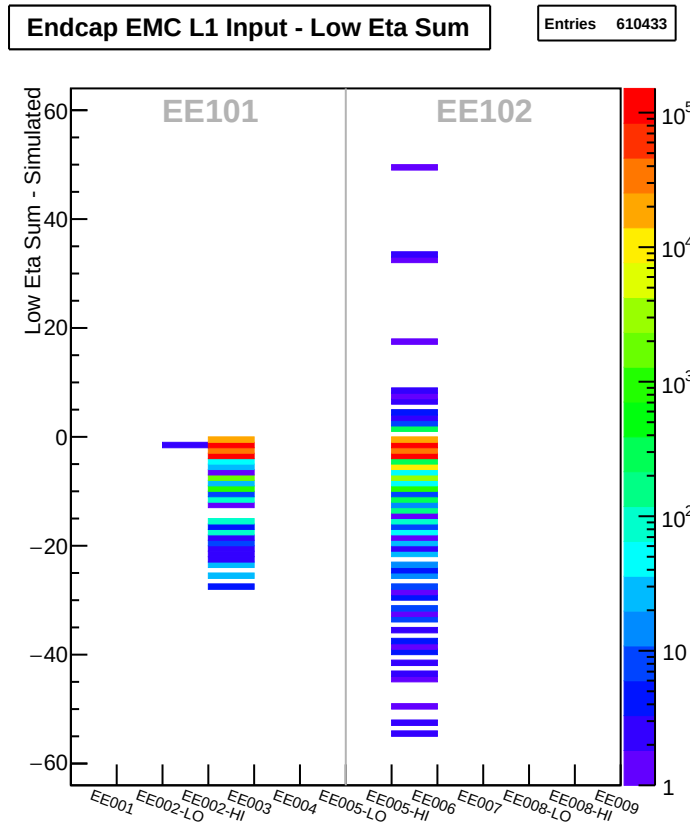

Barrel EMC L1 Input - High Tower Bits
Entries 8.49379e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

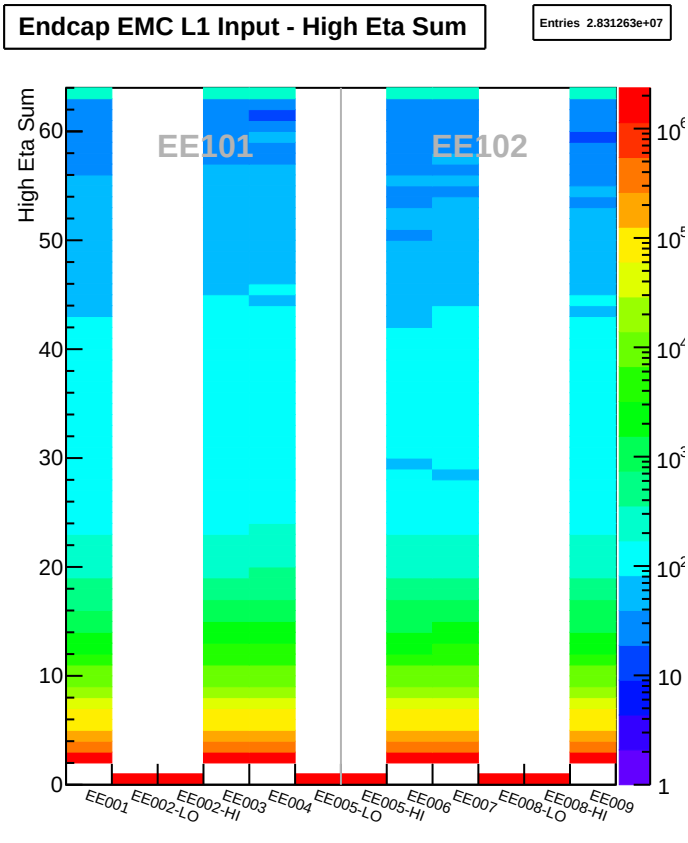

Barrel EMC L1 Input - High Tower Bits
Entries 83573
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

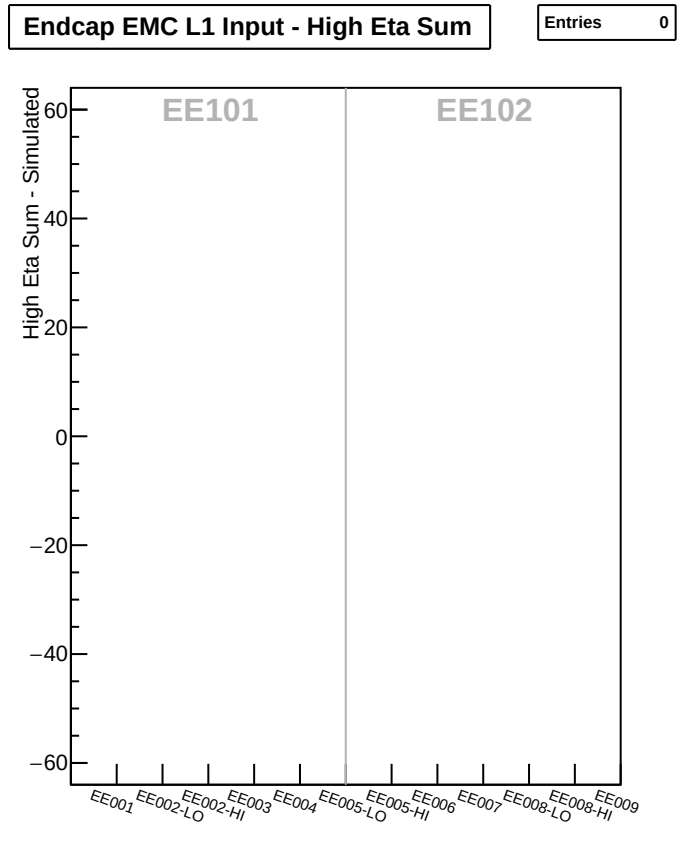

Barrel EMC L1 Input - HT.TP Bit
Entries 8.49379e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

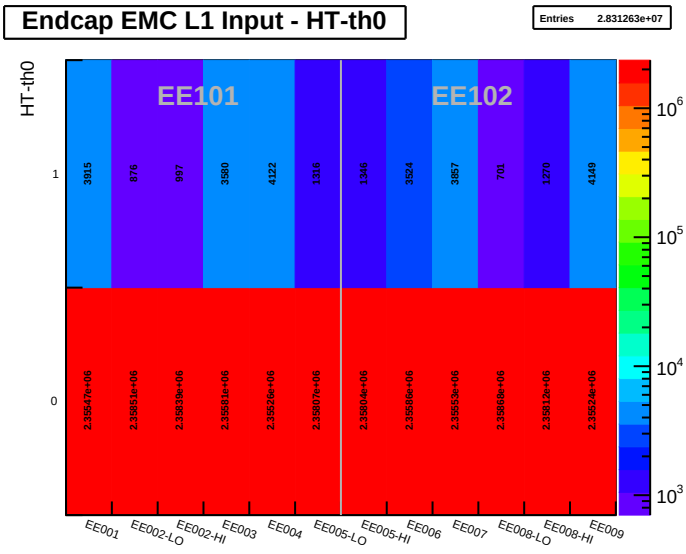

Barrel EMC L1 Input - High Tower Bits
Entries 83017
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

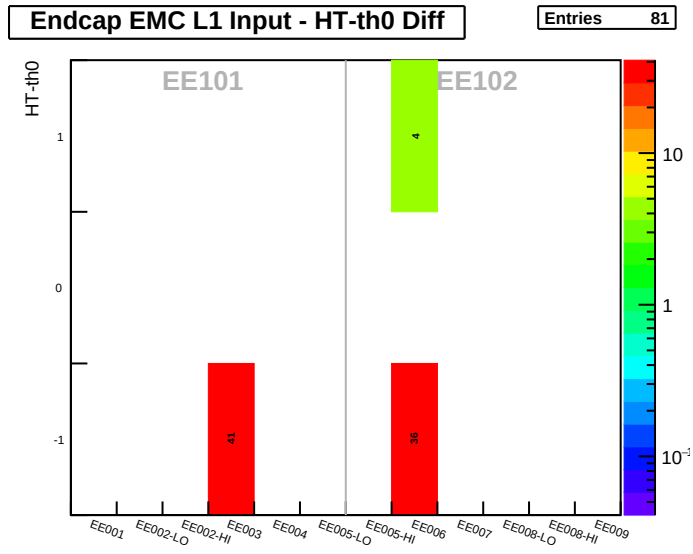

Endcap EMC L1 Input - Low Eta Sum
Entries 2.831263e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

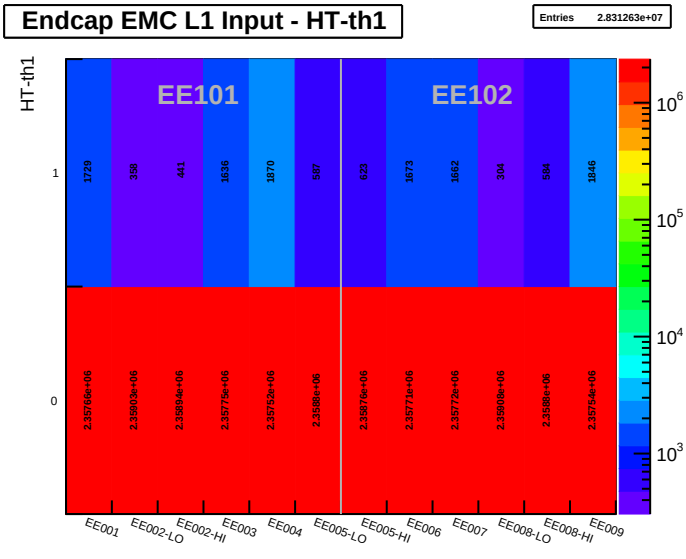

Endcap EMC L1 Input - Low Eta Sum
Entries 610433
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

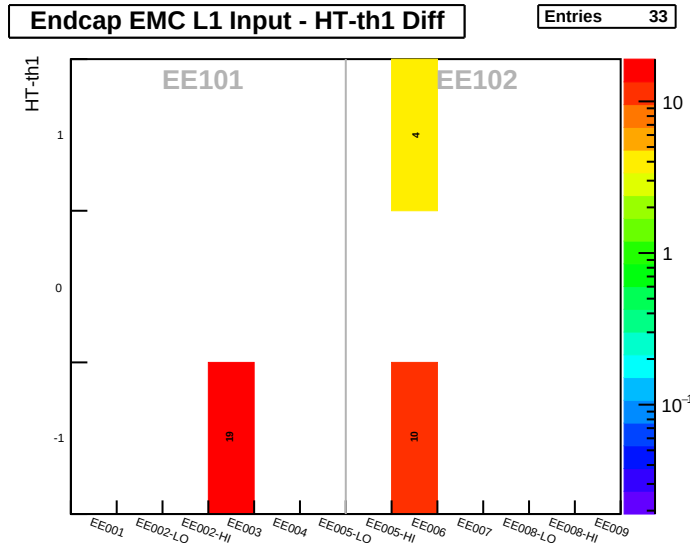

Endcap EMC L1 Input - High Eta Sum
Entries 2.831263e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

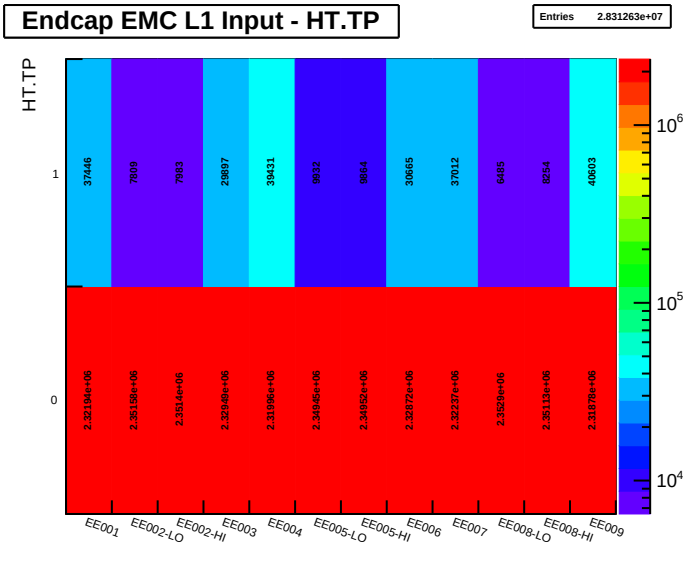

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

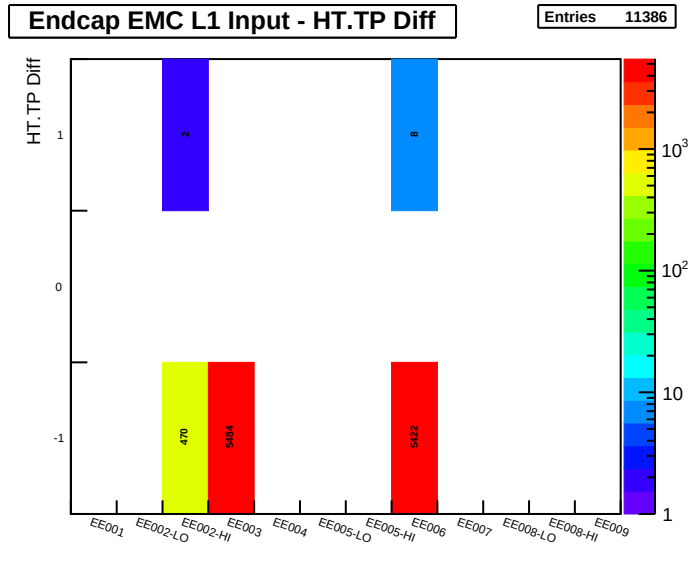

Endcap EMC L1 Input - HT-th0
Entries 2.831263e+07
HT-th0
EE101
EE102
3915 876 997 3380 4122 1316 1346 3524 3857 701 1270 4149
2.35547e+06 2.35851e+06 2.35839e+06 2.35581e+06 2.35526e+06 2.35807e+06 2.35804e+06 2.35586e+06 2.35553e+06 2.35068e+06 2.35812e+06 2.35524e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

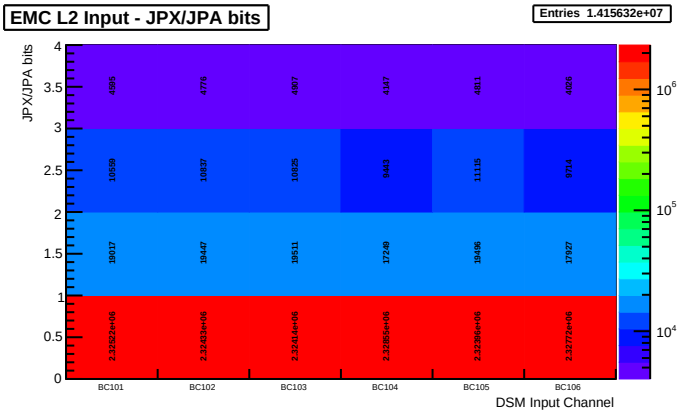

Endcap EMC L1 Input - HT-th0 Diff
Entries 81
HT-th0
EE101
EE102
4
41
36
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

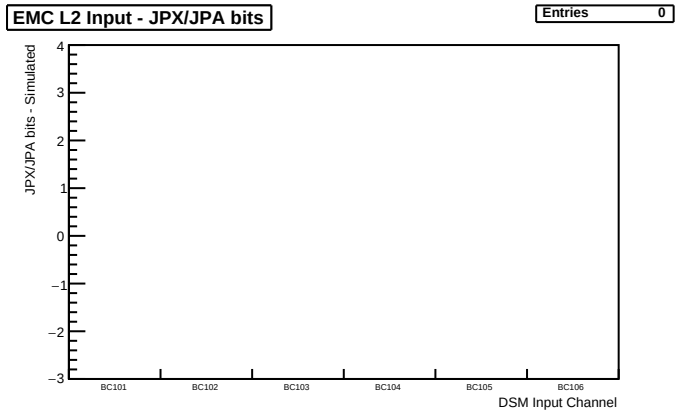

Endcap EMC L1 Input - HT-th1
Entries 2.831263e+07
HT-th1
EE101
EE102
1729 358 441 1536 1870 587 622 1673 1662 304 584 1846
2.35766e+06 2.35903e+06 2.35894e+06 2.35775e+06 2.35752e+06 2.35588e+06 2.35876e+06 2.35771e+06 2.35772e+06 2.35908e+06 2.35588e+06 2.35754e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

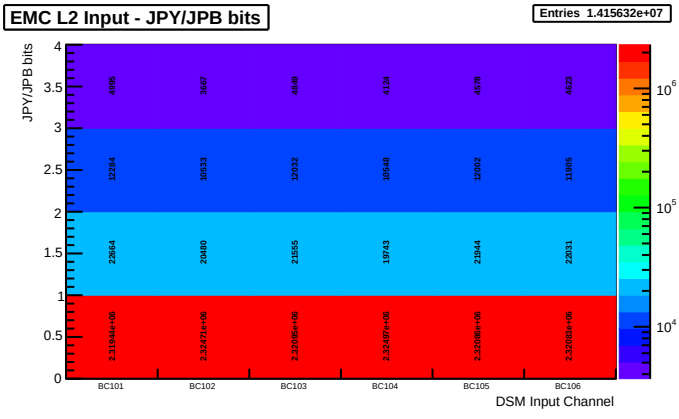

Endcap EMC L1 Input - HT-th1 Diff
Entries 33
HT-th1
EE101
EE102
4
19
10
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

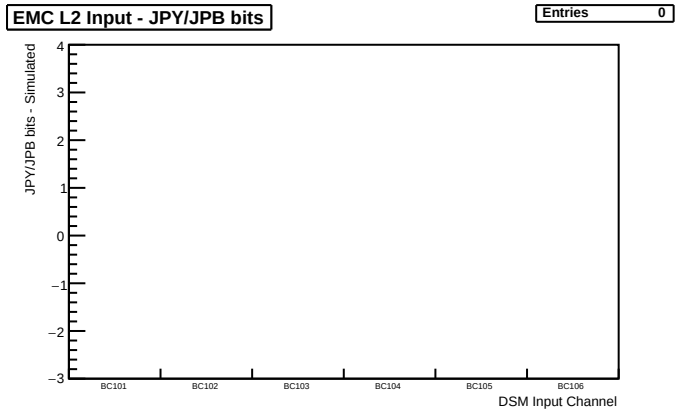

Endcap EMC L1 Input - HT.TP
Entries 2.831263e+07
HT.TP
37446 7609 7983 29897 39431 9932 9664 30665 37012 6485 8254 40603
2.32194e+06 2.35158e+06 2.3514e+06 2.32949e+06 2.31996e+06 2.34945e+06 2.34952e+06 2.32872e+06 2.32237e+06 2.3529e+06 2.35113e+06 2.31878e+06
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

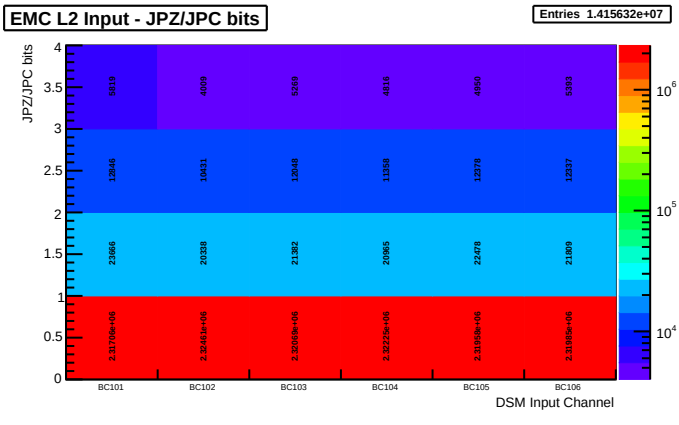

Endcap EMC L1 Input - HT.TP Diff
Entries 11386
HT.TP Diff
2
8
470
5484
5422
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

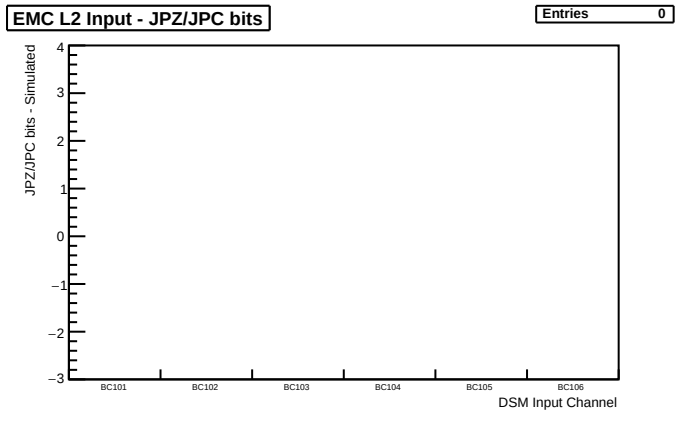

EMC L2 Input - JPX/JPA bits
Entries 1.415632e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4595
4776
4907
4147
4631
4026
10559
10837
10825
9443
11115
9714
19017
19447
19511
17249
19486
17927
2.32522e+06
2.32453e+06
2.32414e+06
2.32285e+06
2.32396e+06
2.32772e+06

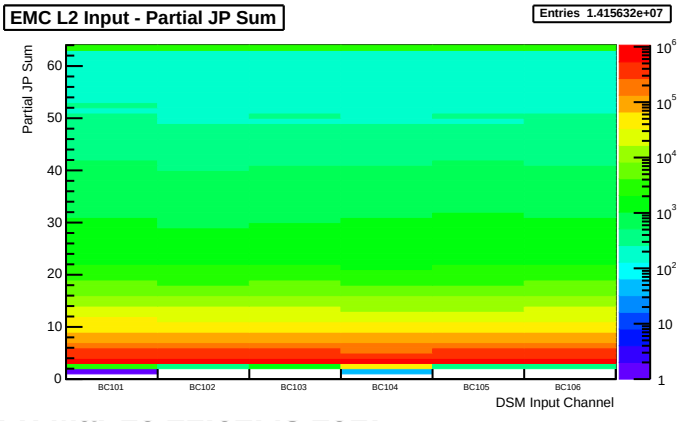

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

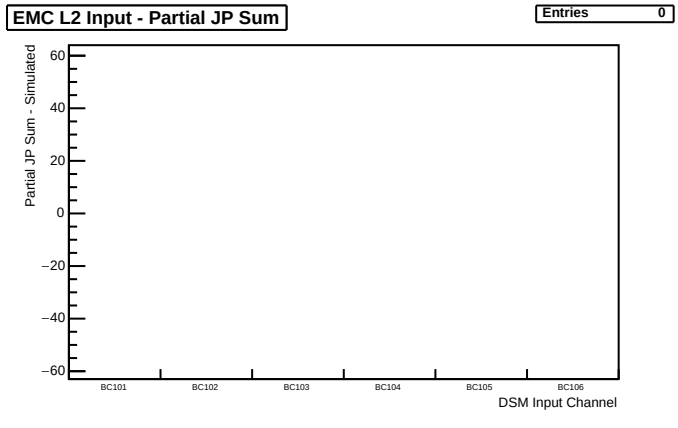

EMC L2 Input - JPY/JPB bits
Entries 1.415632e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
4595
3667
4849
4124
4578
4623
12284
10533
12032
10548
12002
11905
22664
20480
21555
19743
21944
22031
2.31944e+06
2.32471e+06
2.32095e+06
2.32497e+06
2.32086e+06
2.32083e+06

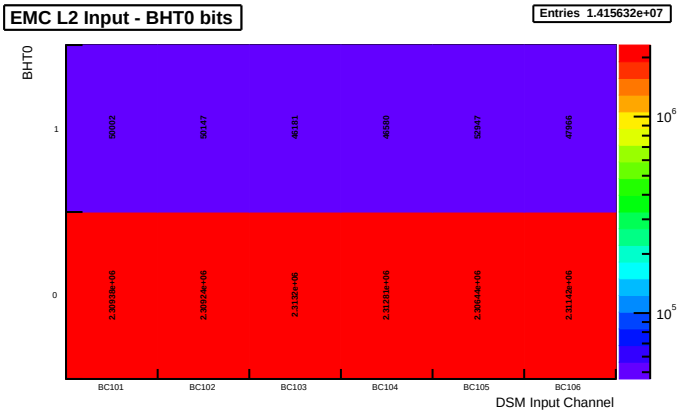

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

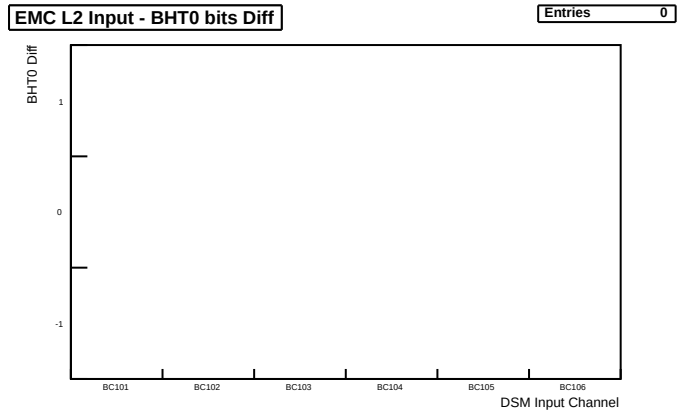

EMC L2 Input - JPZ/JPC bits
Entries 1.415632e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
5819
4909
5259
4816
4950
5303
12346
10431
12048
11358
12278
12337
23666
20338
21382
20965
22478
21809
2.31706e+06
2.32451e+06
2.32058e+06
2.32225e+06
2.31958e+06
2.31935e+06

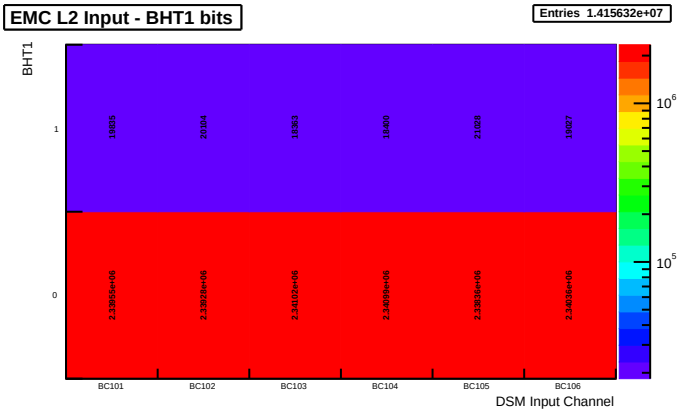

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

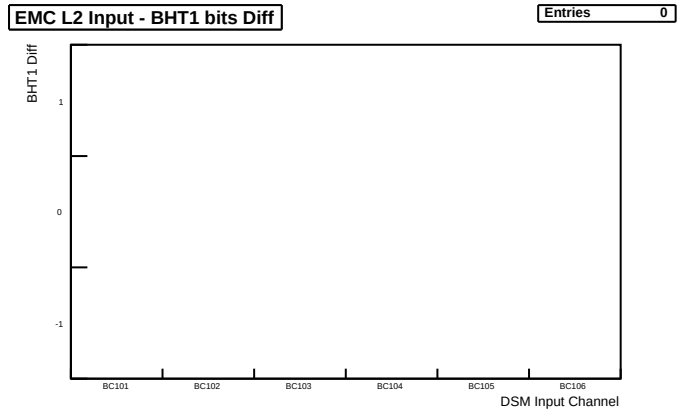

EMC L2 Input - Partial JP Sum
Entries 1.415632e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

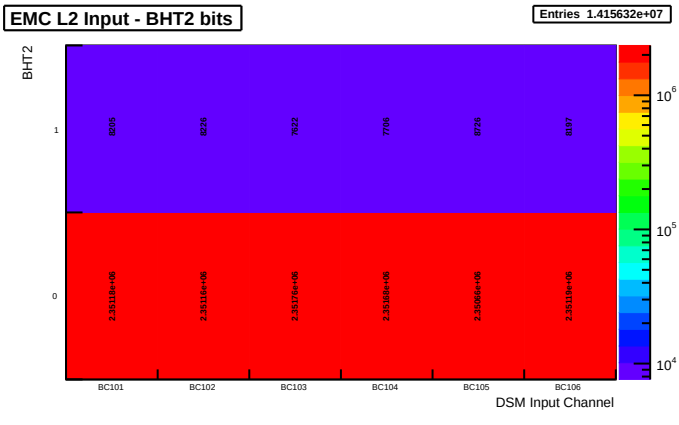

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

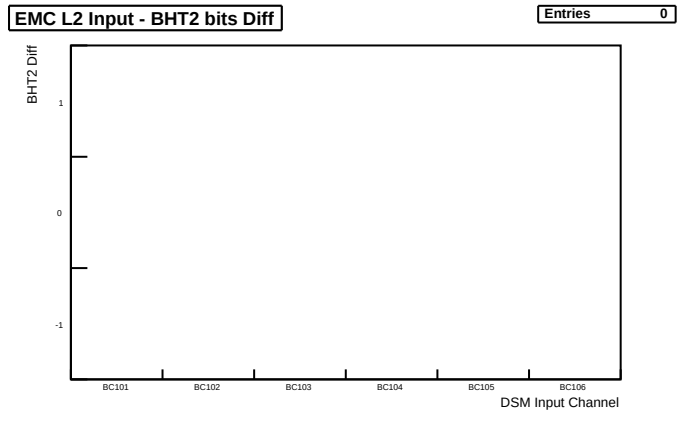

EMC L2 Input - BHT0 bits
Entries 1.415632e+07
BHT0
50002
50147
46181
46580
52947
47866
2.30938e+06
2.30924e+06
2.31132e+06
2.31281e+06
2.30644e+06
2.31142e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

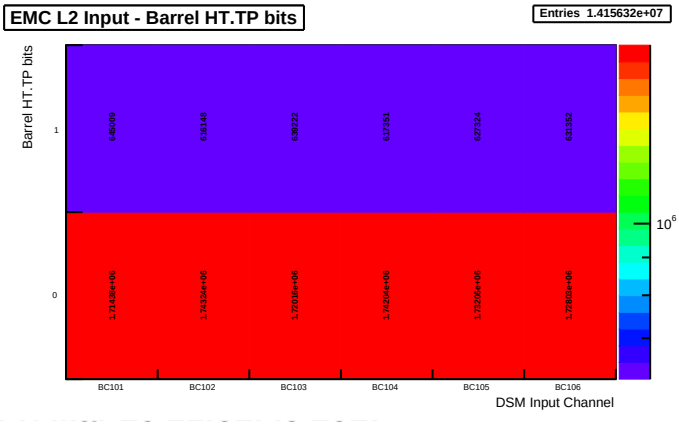

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

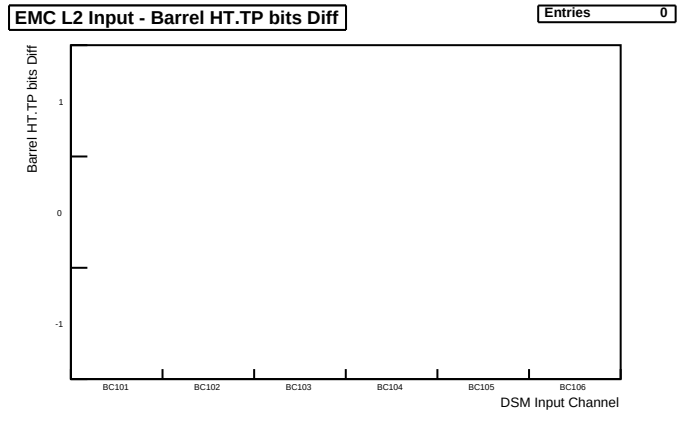

EMC L2 Input - BHT1 bits
Entries 1.415632e+07
BHT1
19835
21004
19383
19400
21028
19027
2.33955e+06
2.33928e+06
2.34102e+06
2.34099e+06
2.33936e+06
2.34036e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

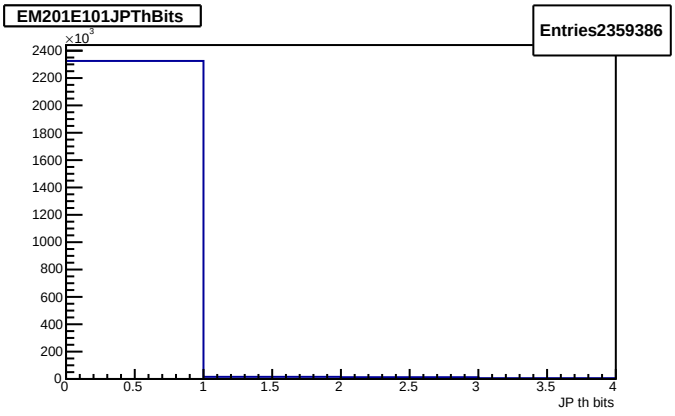

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

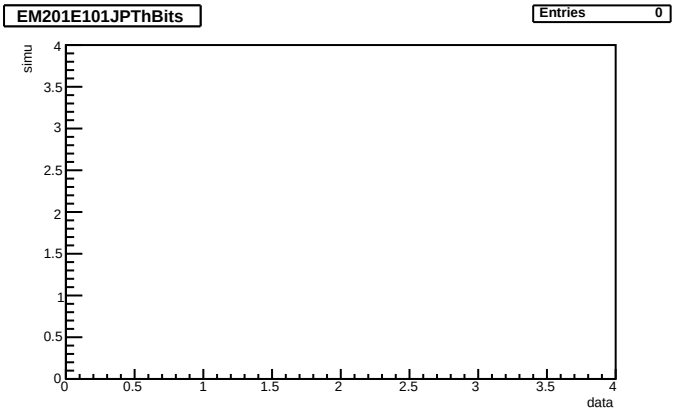

EMC L2 Input - BHT2 bits
Entries 1.415632e+07
BHT2
8205
8226
7622
7706
8726
8197
2.35118e+06
2.35116e+06
2.35176e+06
2.35168e+06
2.35066e+06
2.35119e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

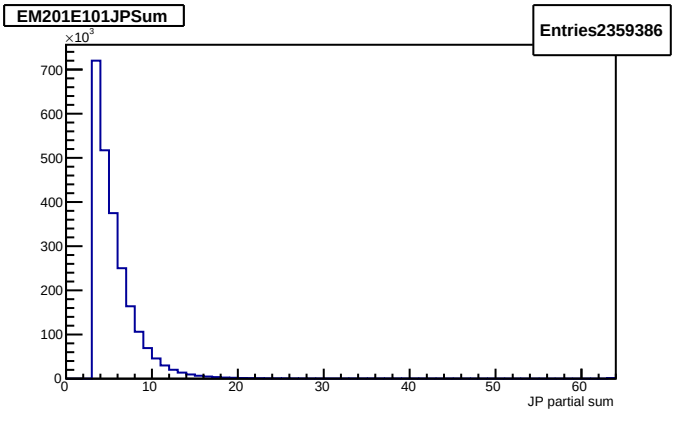

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

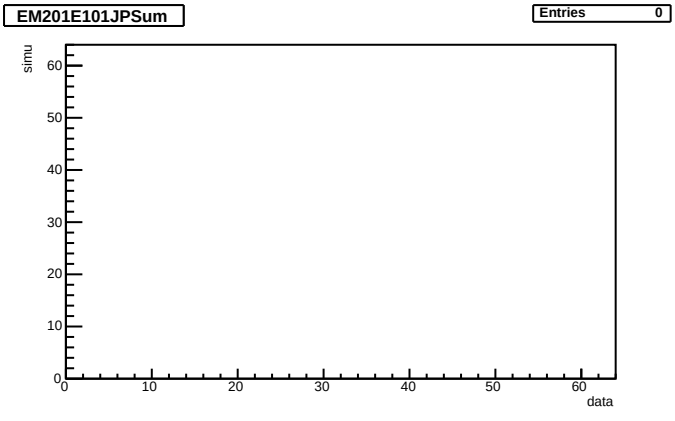

EMC L2 Input - Barrel HT.TP bits
Entries 1.415632e+07
Barrel HT.TP bits
645609
616148
639222
617351
627324
631352
1.71438e+06
1.74324e+06
1.72098e+06
1.74204e+06
1.72206e+06
1.72803e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

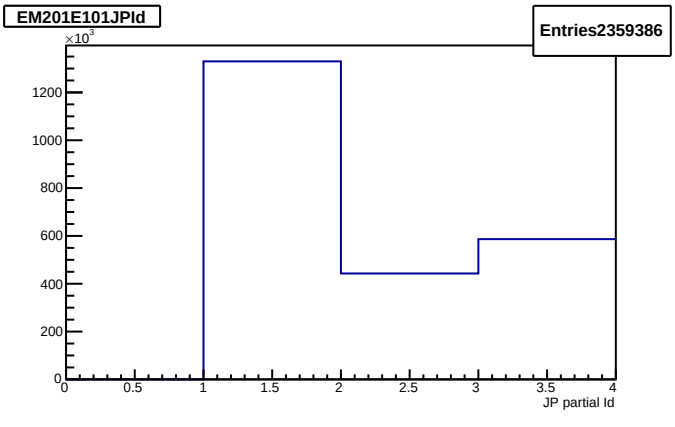

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

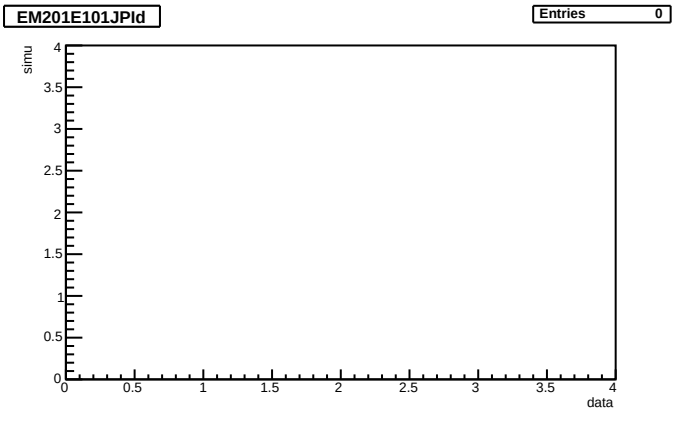

EM201E101JPThBits
Entries2359386
×10^3
JP th bits

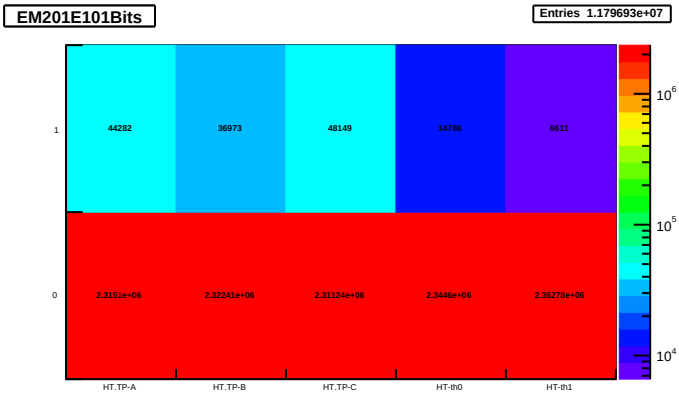

EM201E101JPThBits
Entries 0
simu
data

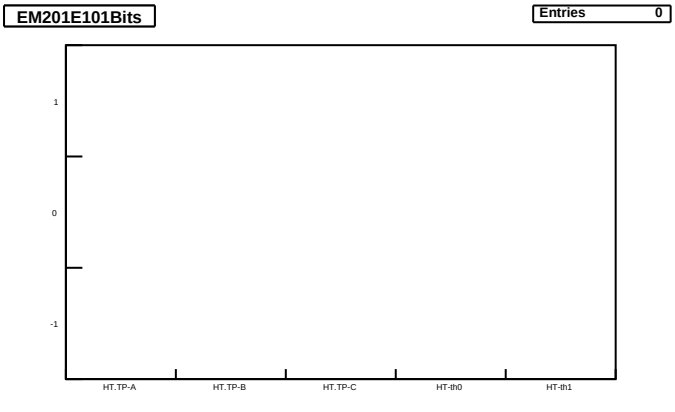

EM201E101JPSum
Entries2359386
×10^3
JP partial sum

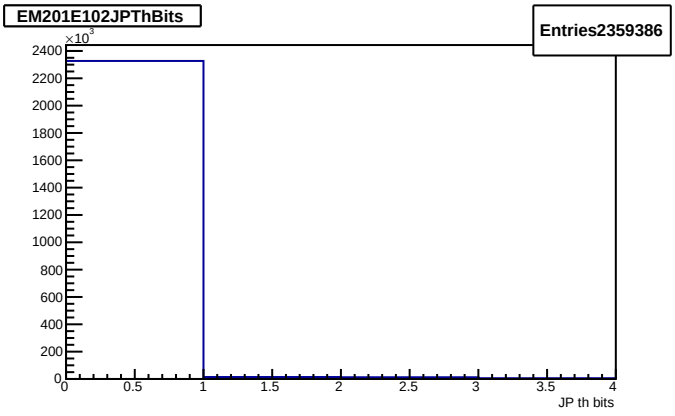

EM201E101JPSum
Entries 0
simu
data

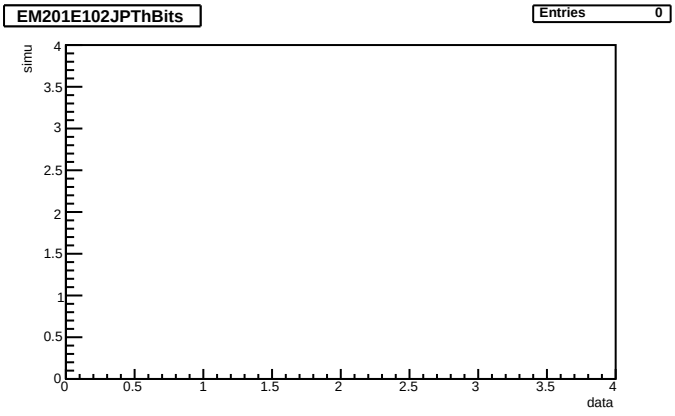

EM201E101JPId
Entries2359386
×10^3
JP partial Id

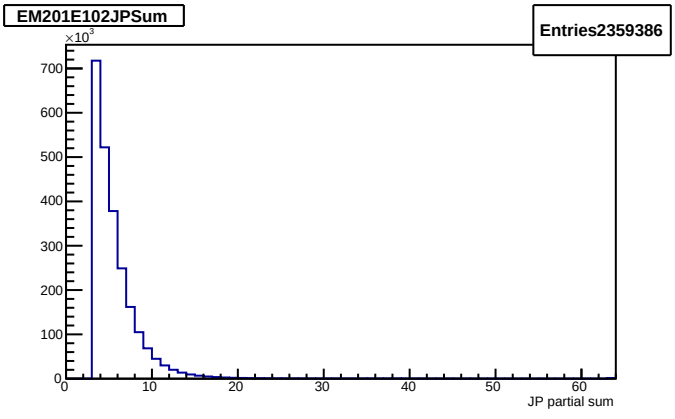

EM201E101JPId
Entries 0
simu
data

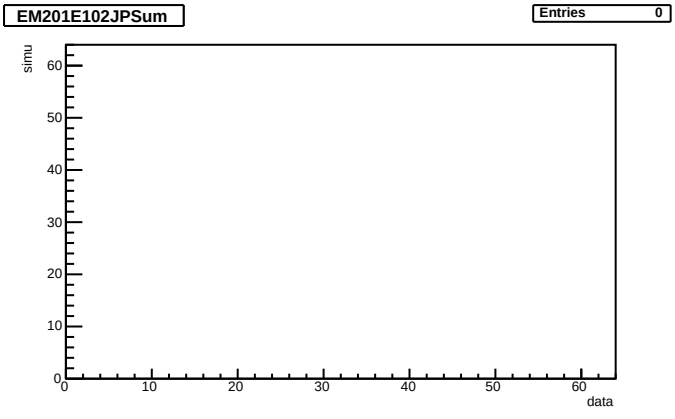

EM201E101Bits
Entries 1.179693e+07
44282
36973
48149
14786
6611
2.3151e+06
2.32241e+06
2.31124e+06
2.3446e+06
2.35278e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

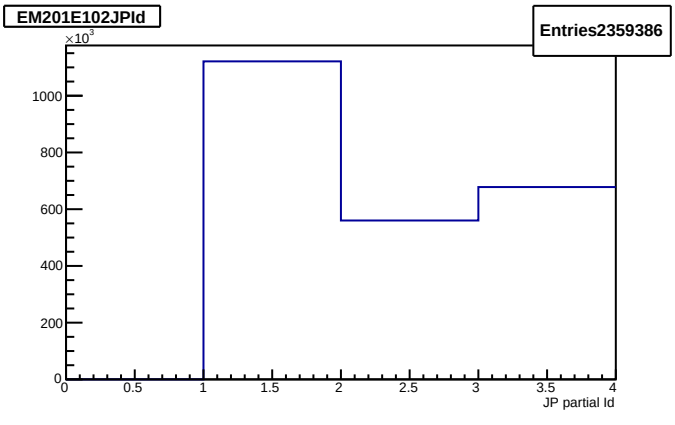

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

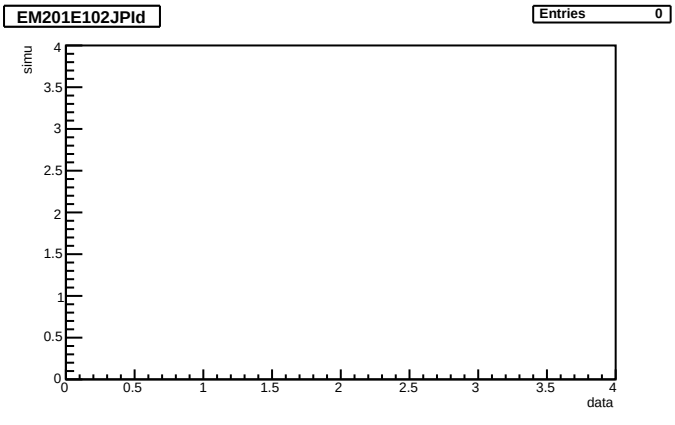

EM201E102JPThBits
Entries2359386
×10^3
JP th bits

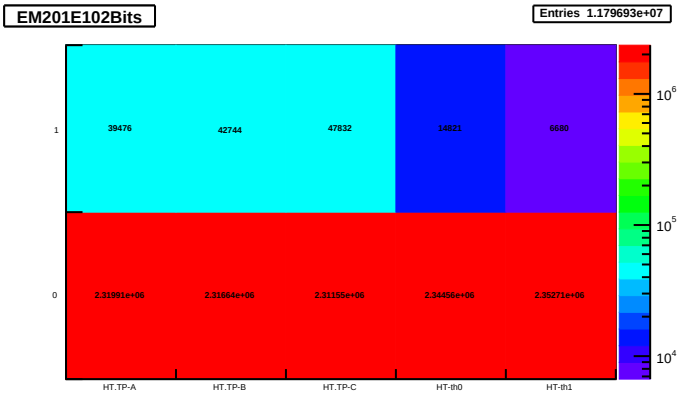

EM201E102JPThBits
Entries 0
simu
data

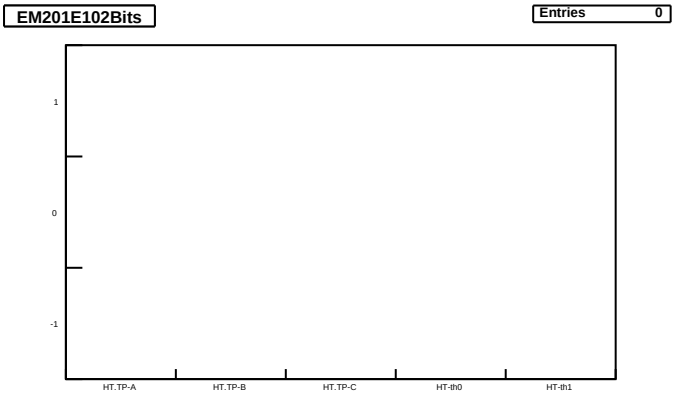

EM201E102JPSum
Entries2359386
×10^3
JP partial sum

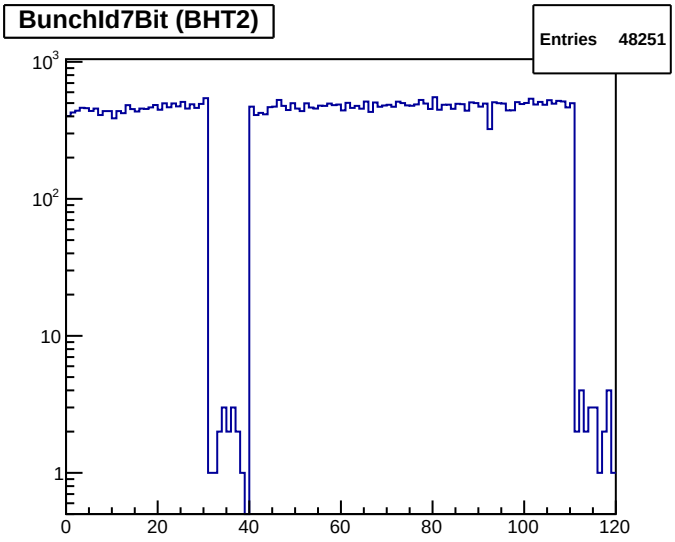

EM201E102JPSum
Entries 0
simu
data

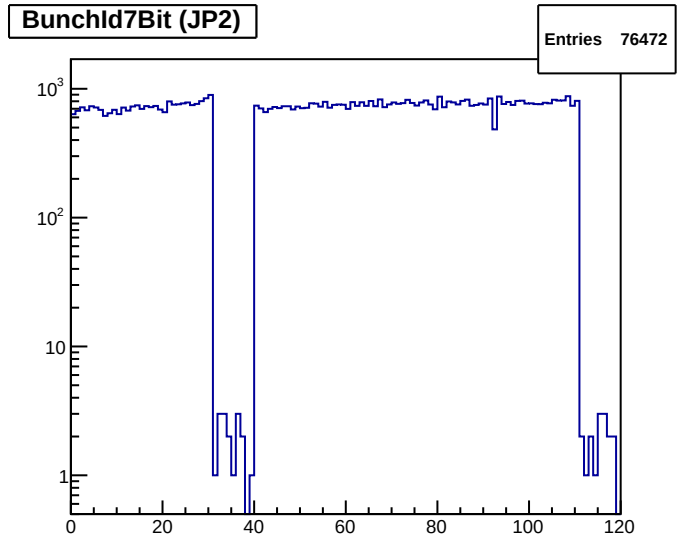

EM201E102JPId
Entries2359386
×10^3
JP partial Id

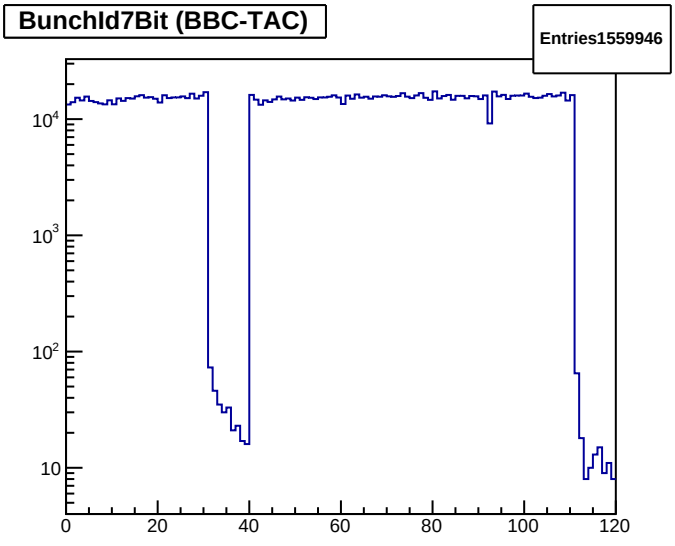

EM201E102JPId
Entries 0
simu
data

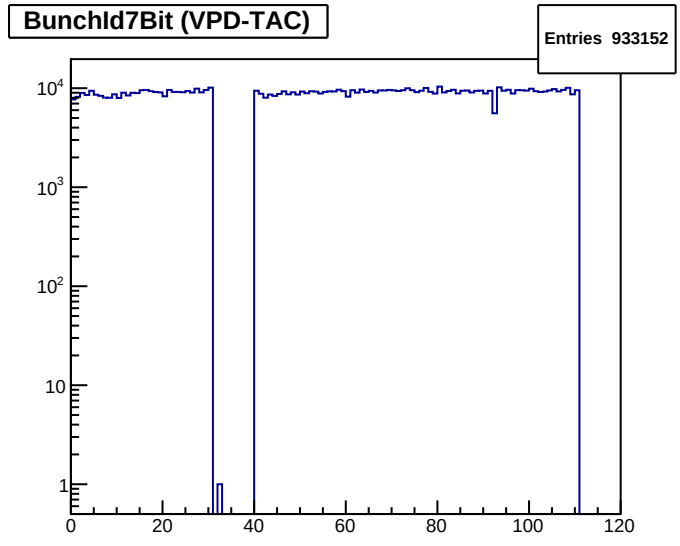

EM201E102Bits
Entries 1.179693e+07
39476
42744
47832
14821
6080
2.31991e+06
2.31664e+06
2.31155e+06
2.34456e+06
2.35271e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

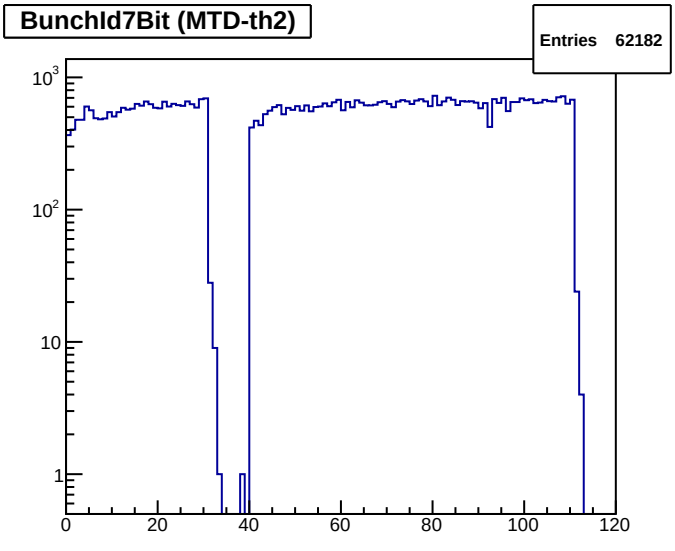

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

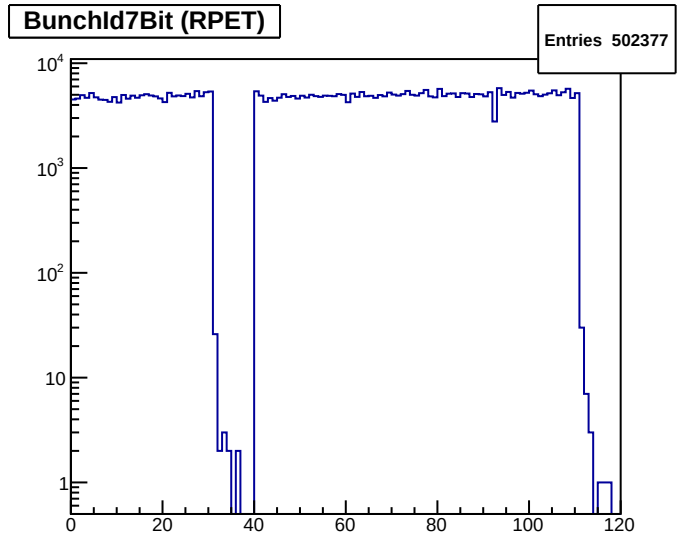

BunchId7Bit (BHT2)
Entries 48251

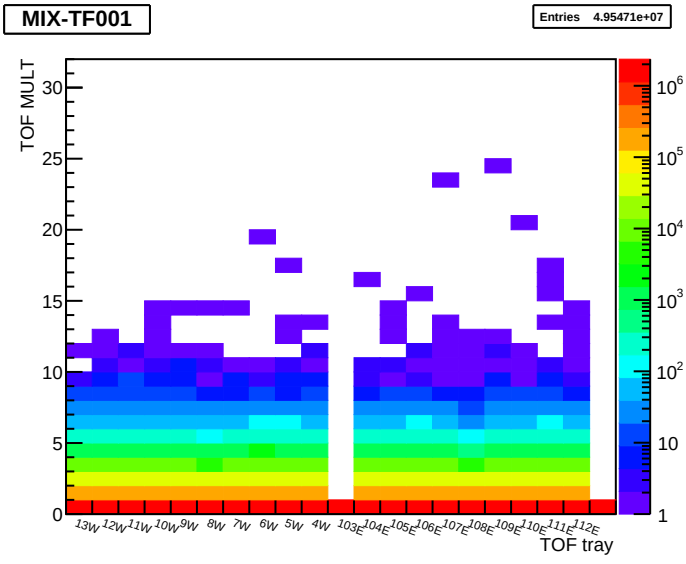

BunchId7Bit (JP2)
Entries 76472

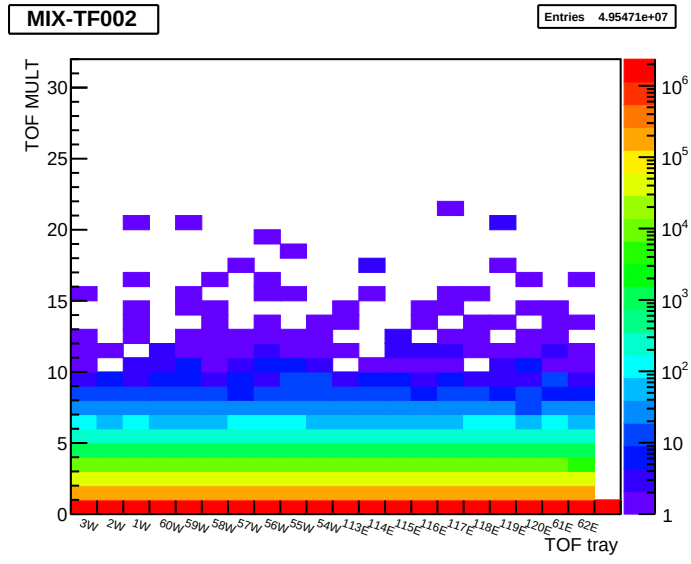

BunchId7Bit (BBC-TAC)
Entries1559946

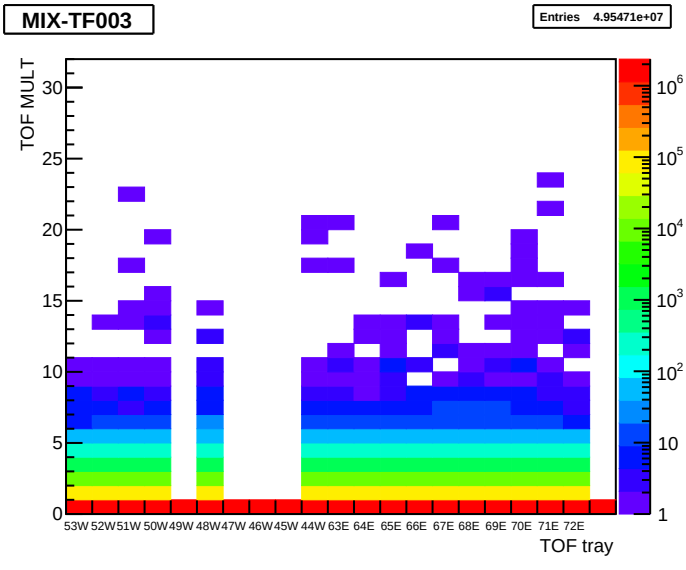

BunchId7Bit (VPD-TAC)
Entries 933152

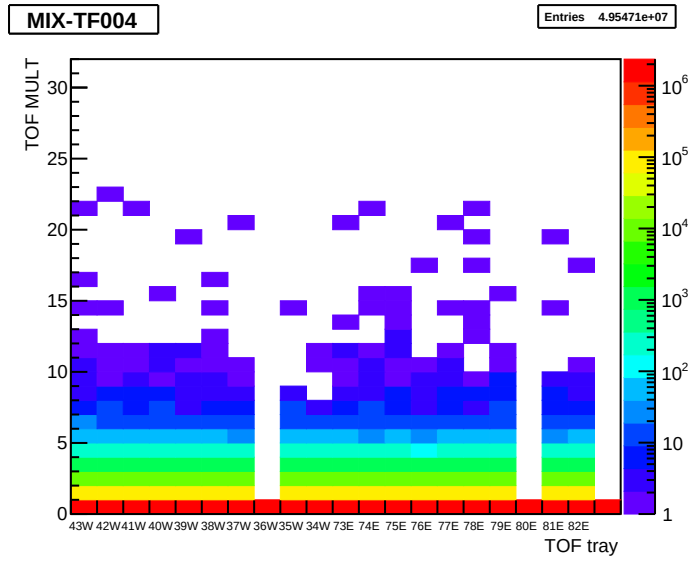

BunchId7Bit (MTD-th2)
Entries 62182

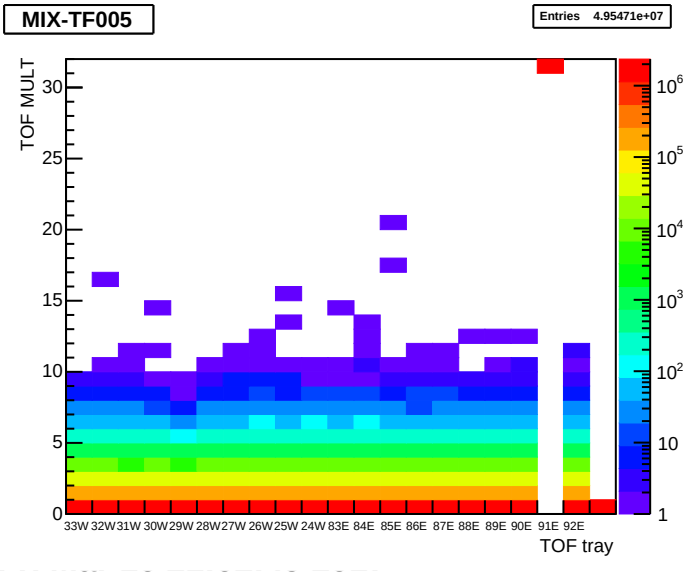

BunchId7Bit (RPET)
Entries 502377

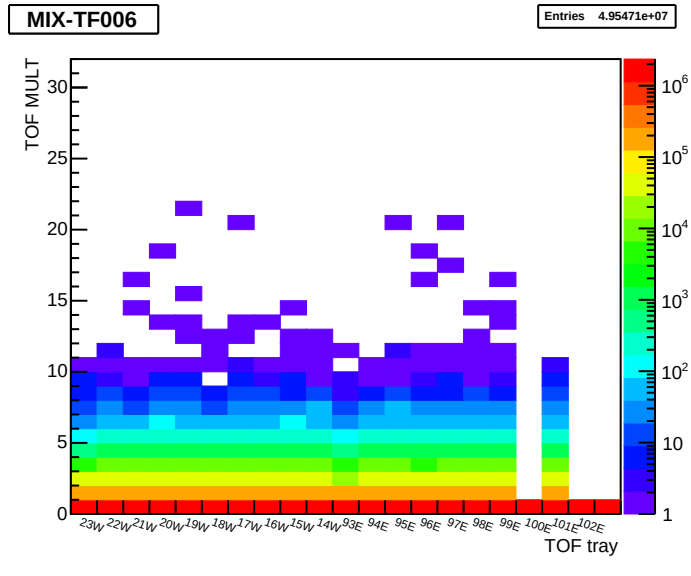

MIX-TF001
Entries 4.95471e+07
TOF MULT
TOF tray

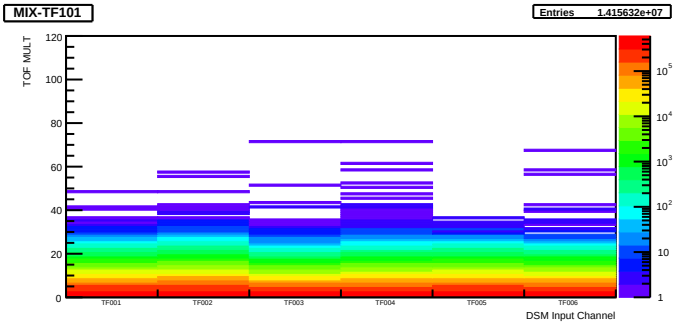

MIX-TF002
Entries 4.95471e+07
TOF MULT
TOF tray

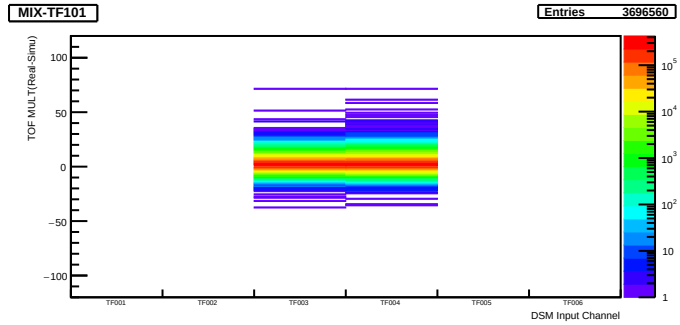

MIX-TF003
Entries 4.95471e+07
TOF MULT
TOF tray

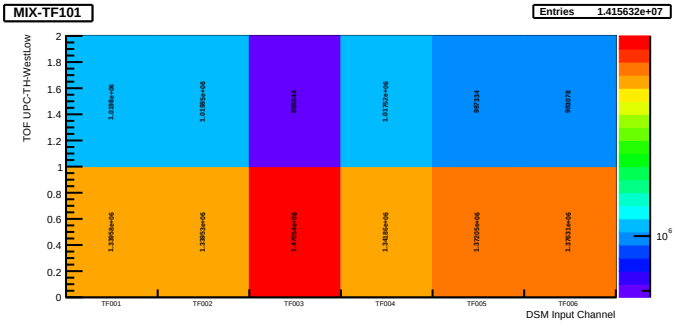

MIX-TF004
Entries 4.95471e+07
TOF MULT
TOF tray

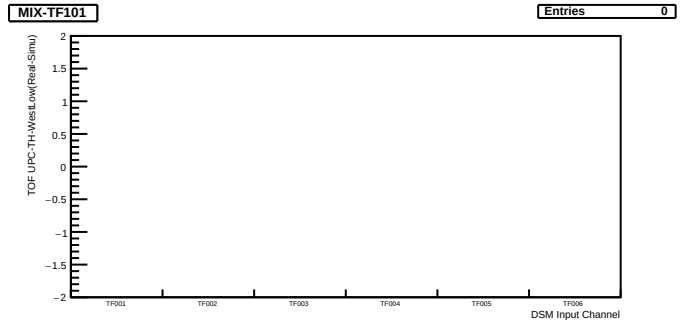

MIX-TF005
Entries 4.95471e+07
TOF MULT
TOF tray

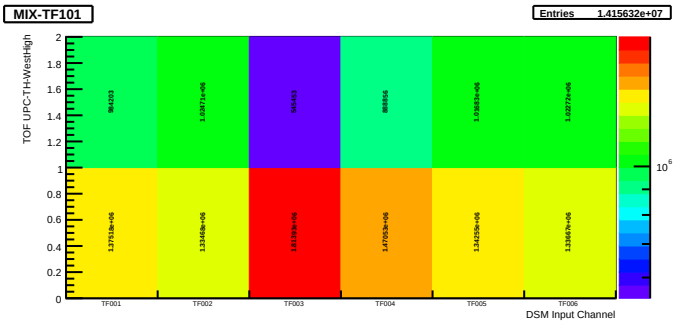

MIX-TF006
Entries 4.95471e+07
TOF MULT
TOF tray

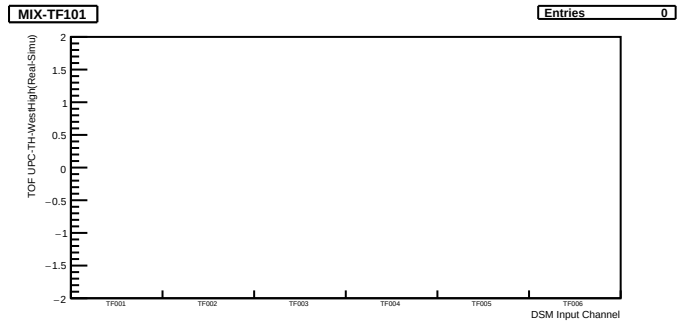

MIX-TF101
Entries 1.415632e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

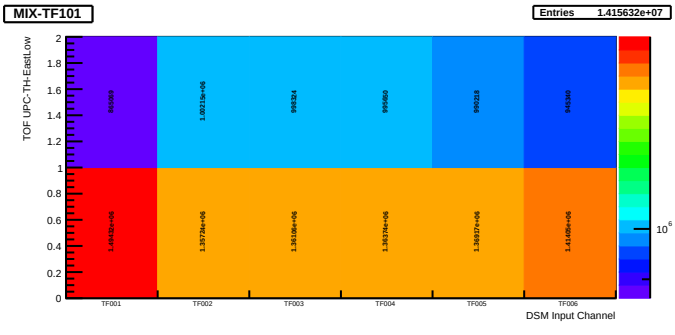

MIX-TF101
Entries 3696560
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

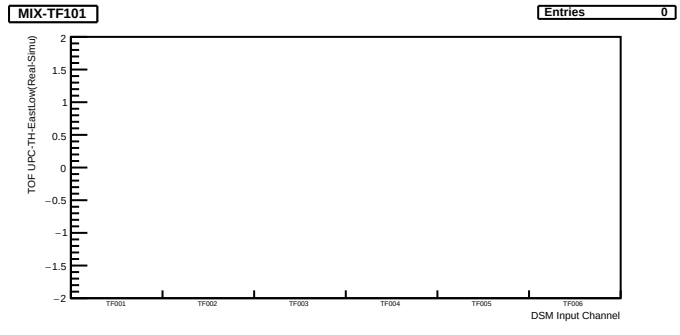

MIX-TF101
Entries 1.415632e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

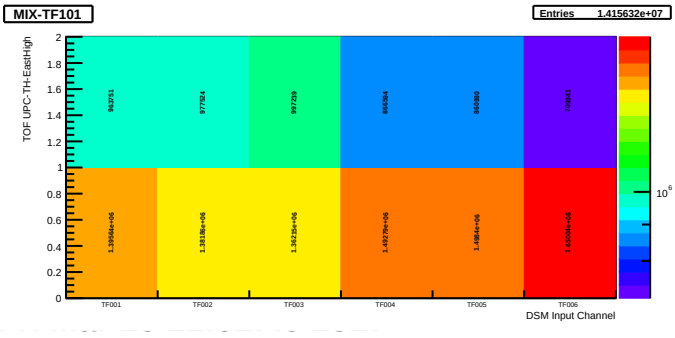

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

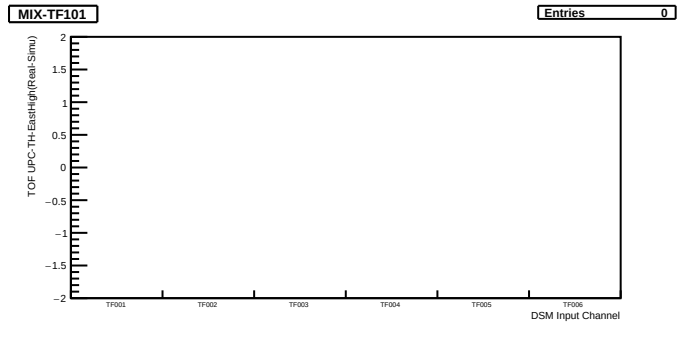

MIX-TF101
Entries 1.415632e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

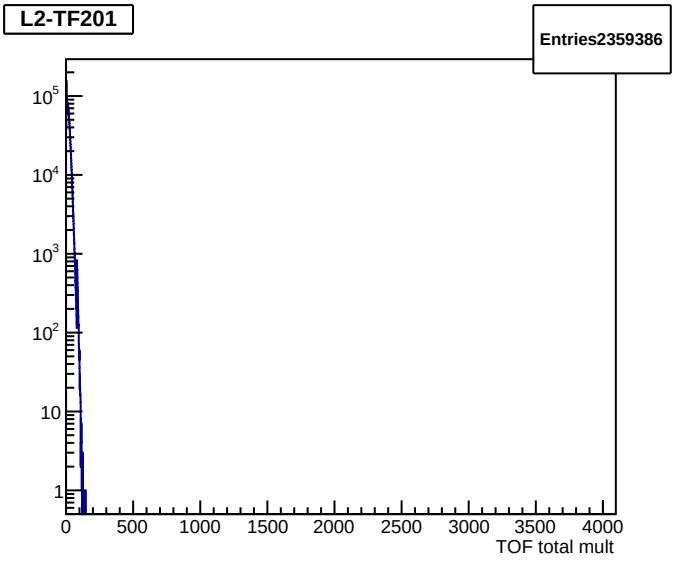

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

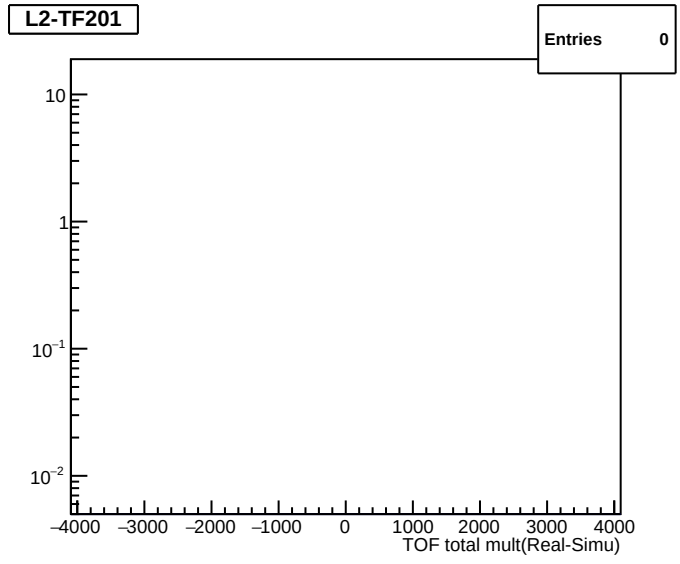

MIX-TF101
Entries 1.415632e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

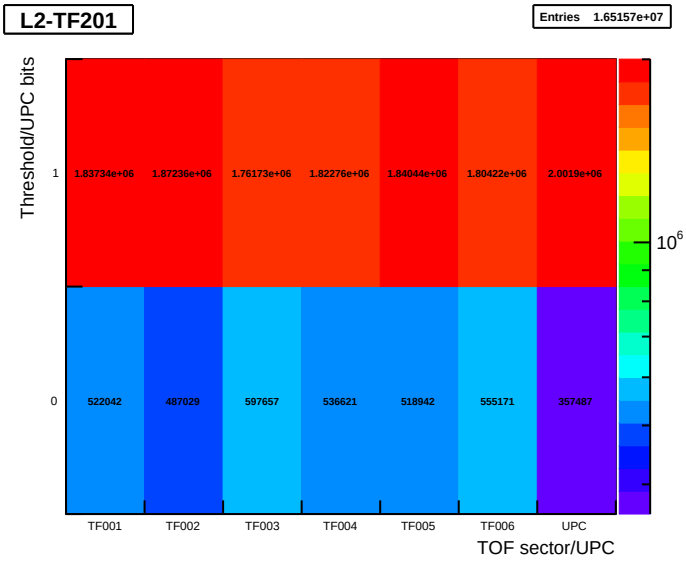

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

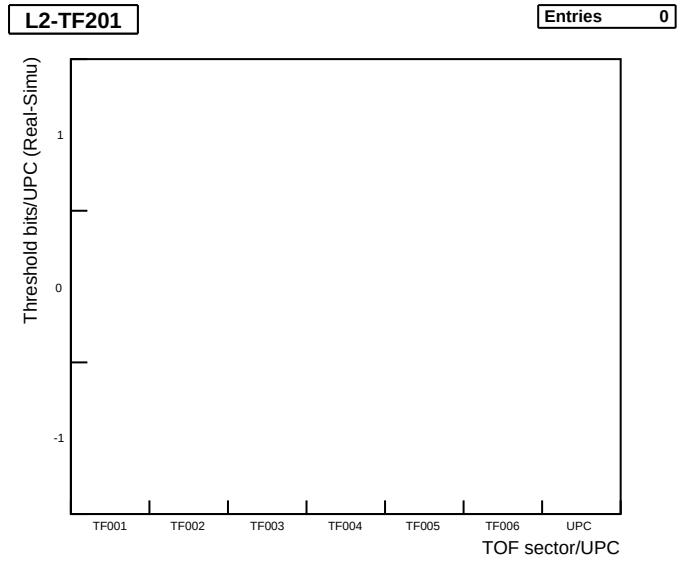

MIX-TF101
Entries 1.415632e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

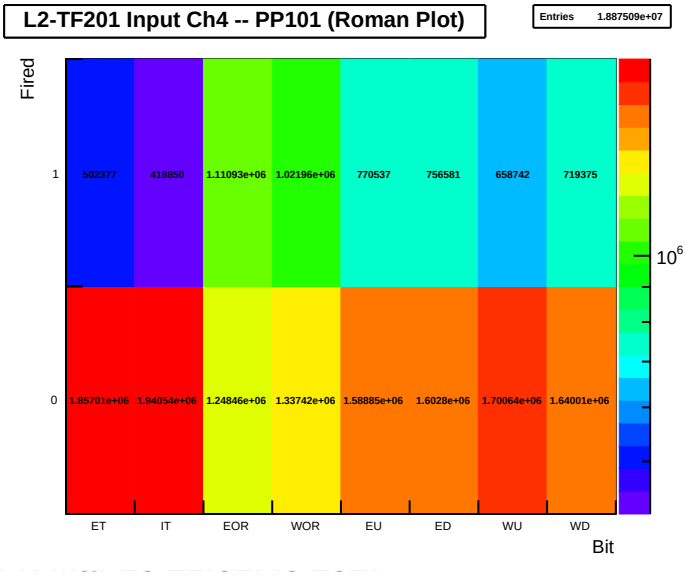

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

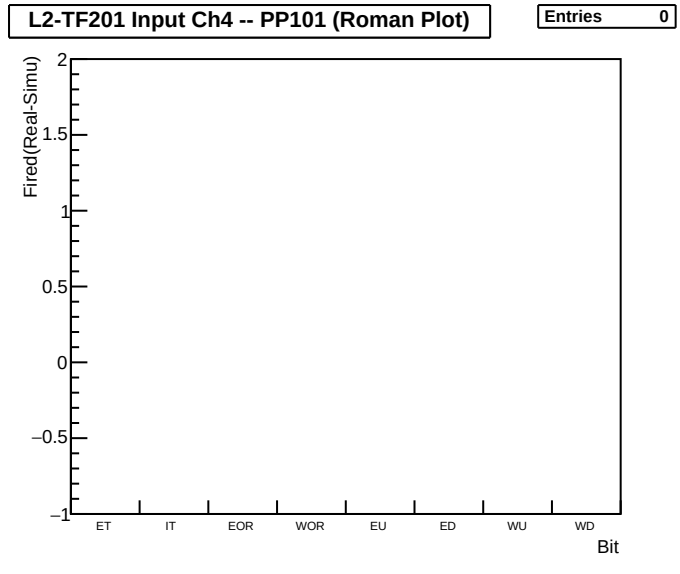

L2-TF201
Entries2359386
TOF total mult

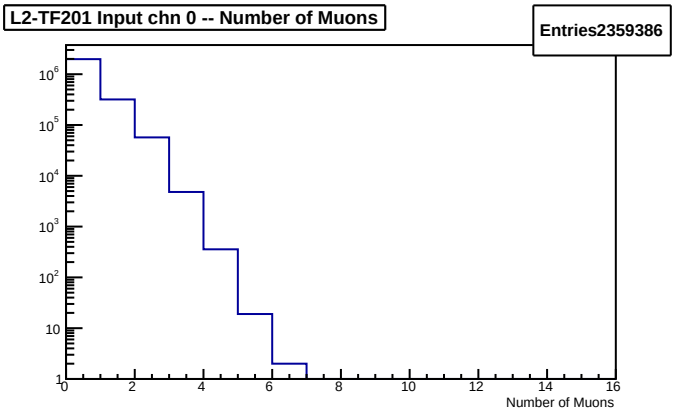

L2-TF201
Entries 0
TOF total mult(Real-Simu)

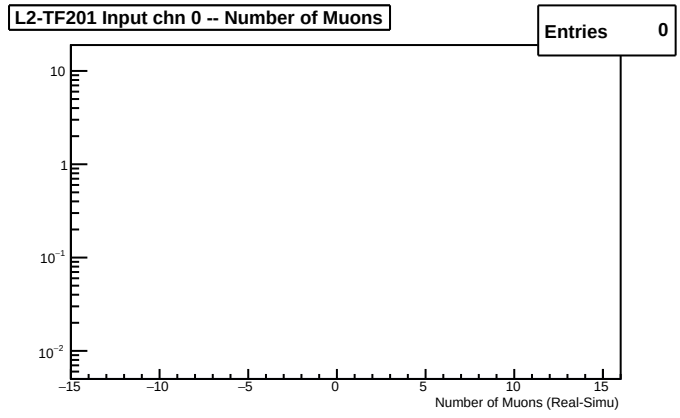

L2-TF201
Entries 1.65157e+07
Threshold/UPC bits
1.83734e+06
1.87236e+06
1.76173e+06
1.82276e+06
1.84044e+06
1.80422e+06
2.0019e+06
522042
487029
597657
536621
518942
555171
357487
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

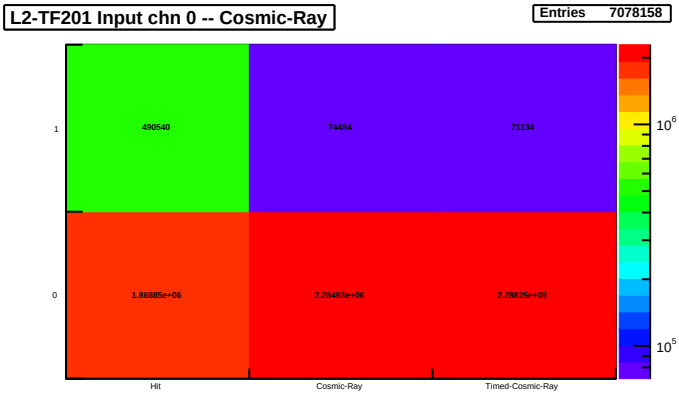

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

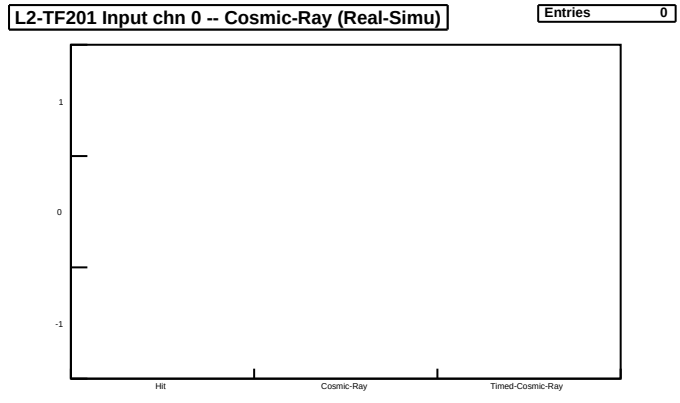

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 1.887509e+07
Fired
502377
418850
1.11093e+06
1.02196e+06
770537
756581
658742
719375
1.85701e+06
1.94054e+06
1.24846e+06
1.33742e+06
1.58885e+06
1.6028e+06
1.70064e+06
1.64001e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

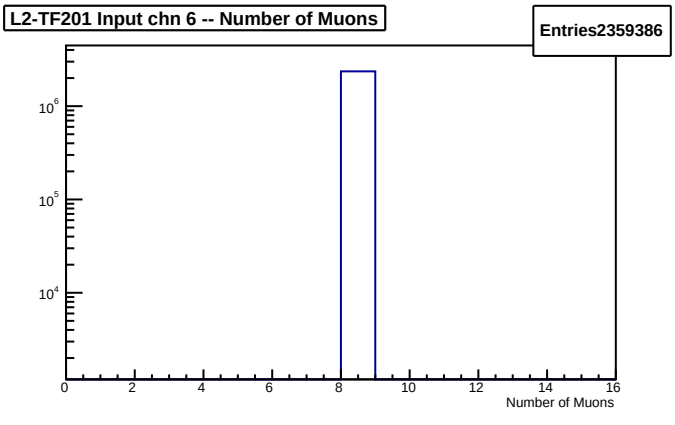

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

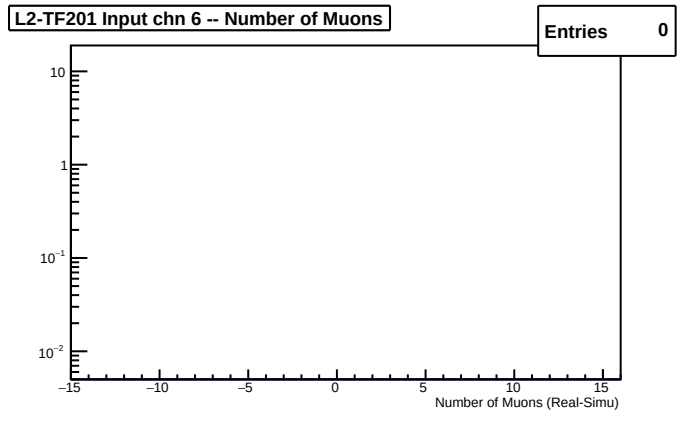

L2-TF201 Input chn 0 -- Number of Muons
Entries2359386
Number of Muons

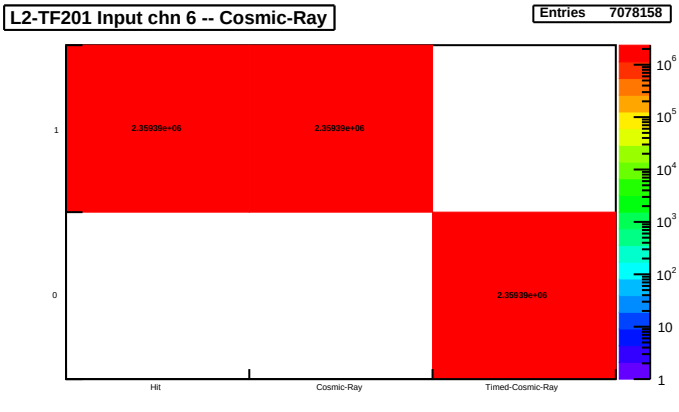

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

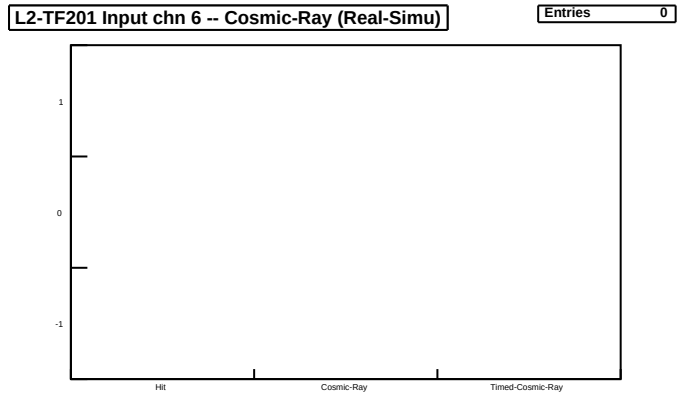

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7078158
490540
74454
71134
1.86885e+06
2.28493e+06
2.28825e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

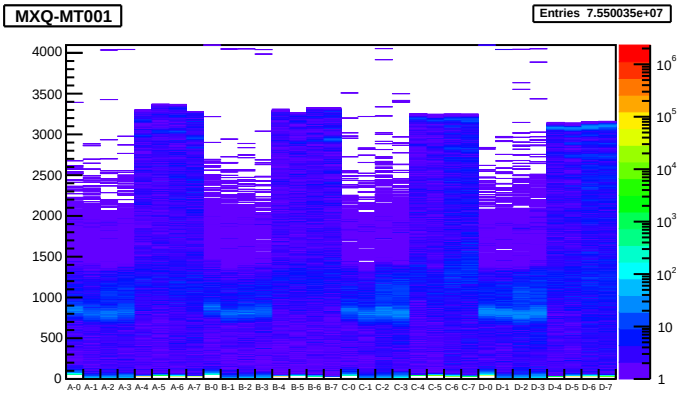

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

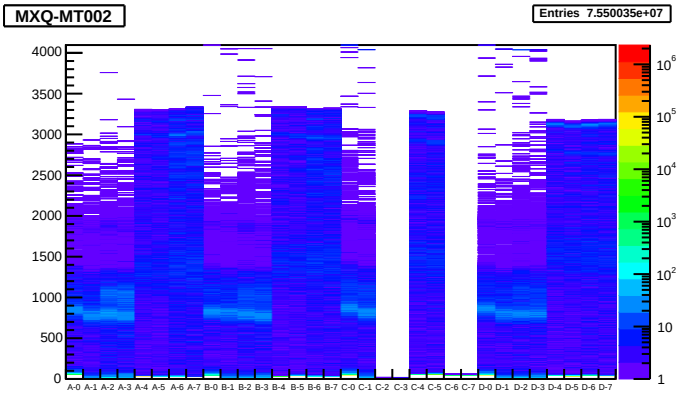

L2-TF201 Input chn 6 -- Number of Muons
Entries2359386
Number of Muons

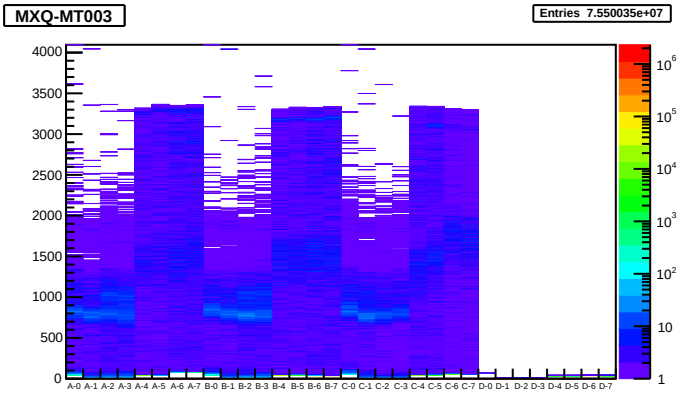

L2-TF201 Input chn 6 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

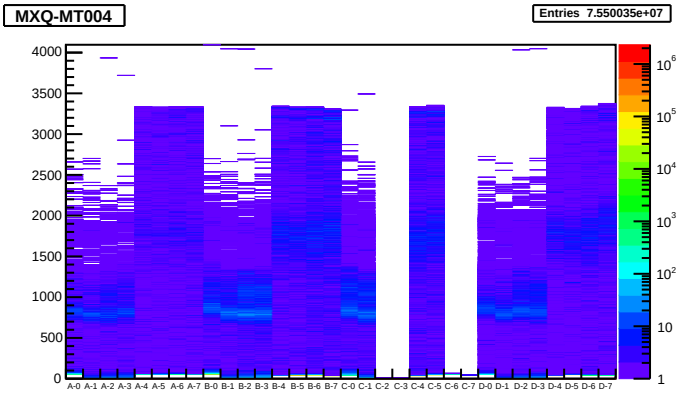

L2-TF201 Input chn 6 -- Cosmic-Ray
Entries 7078158
2.35939e+06
2.35939e+06
2.35939e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

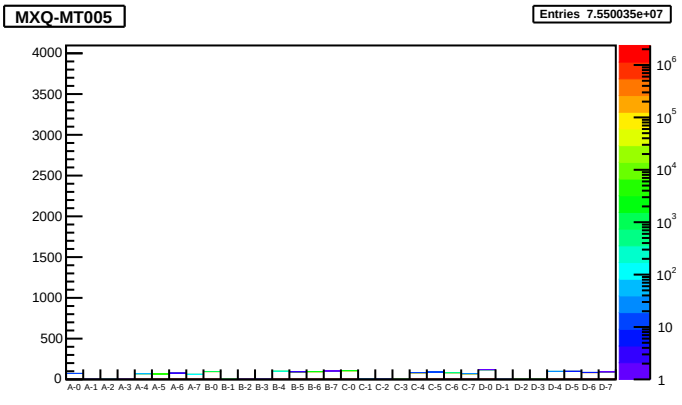

L2-TF201 Input chn 6 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

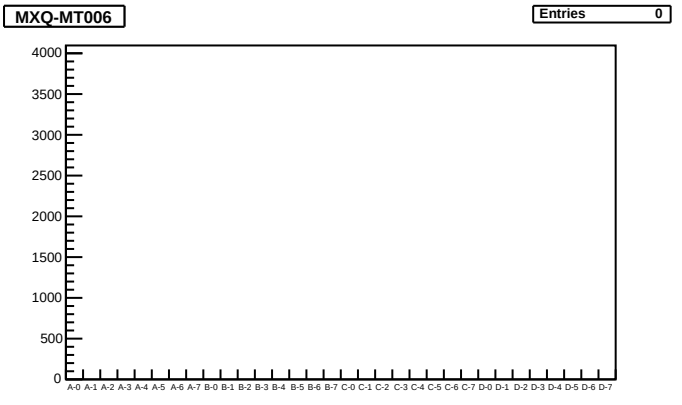

MXQ-MT001
Entries 7.550035e+07

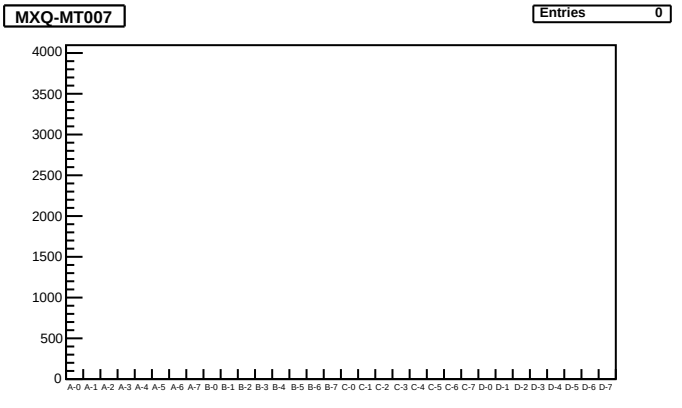

MXQ-MT002
Entries 7.550035e+07

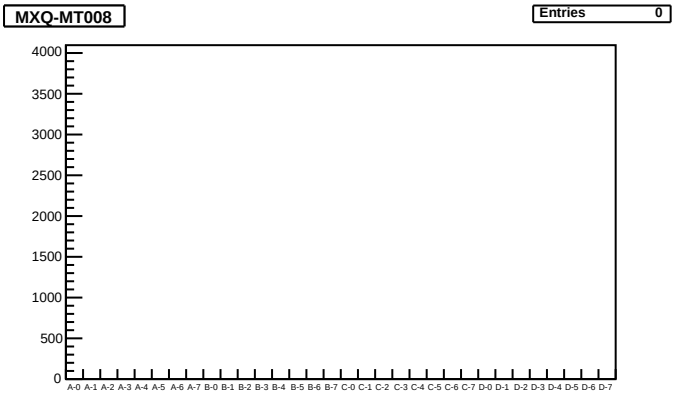

MXQ-MT003
Entries 7.550035e+07

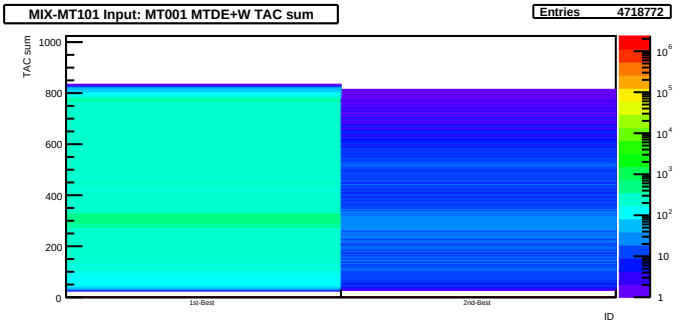

MXQ-MT004
Entries 7.550035e+07

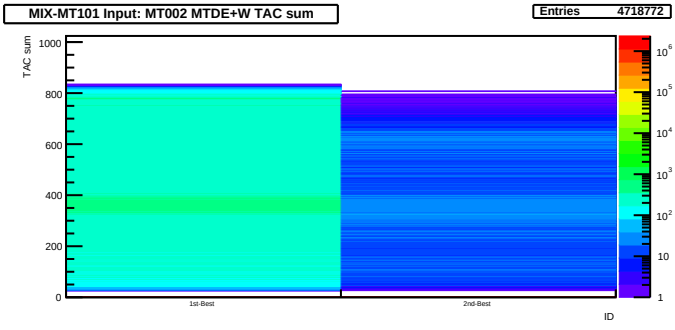

MXQ-MT005
Entries 7.550035e+07

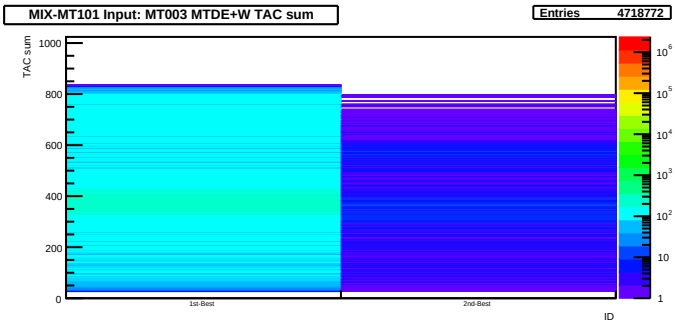

MXQ-MT006
Entries 0

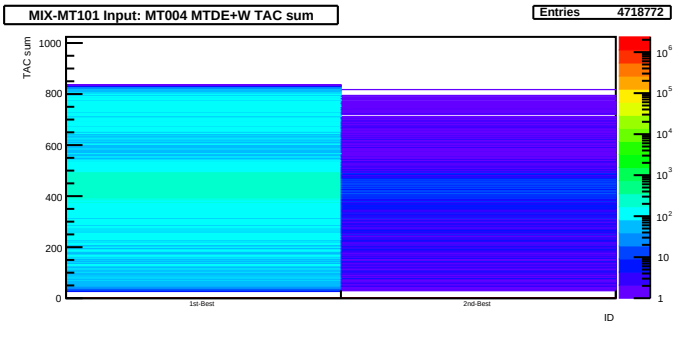

MXQ-MT007
Entries 0

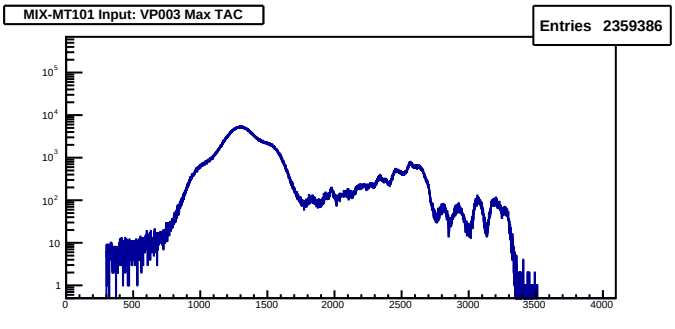

MXQ-MT008
Entries 0

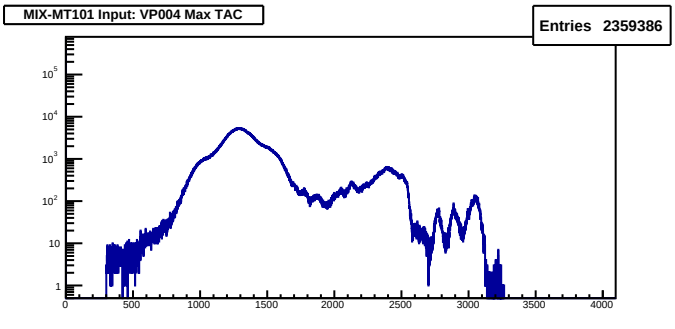

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 4718772
TAC sum
1st-Best
2nd-Best
ID

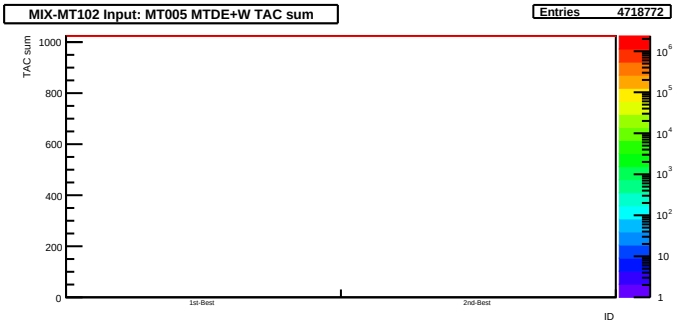

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 4718772
TAC sum
1st-Best
2nd-Best
ID

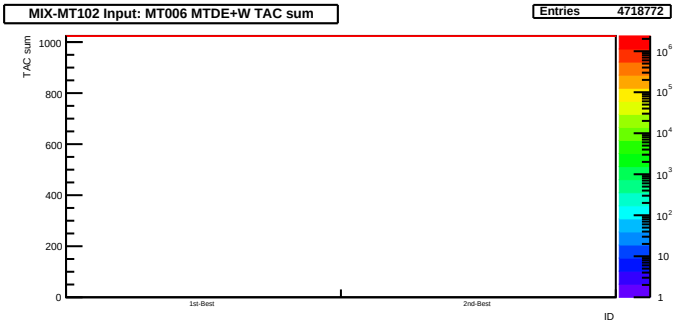

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 4718772
TAC sum
1st-Best
2nd-Best
ID

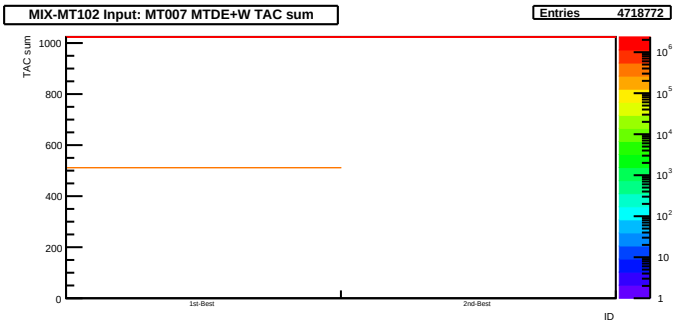

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 4718772
TAC sum
1st-Best
2nd-Best
ID

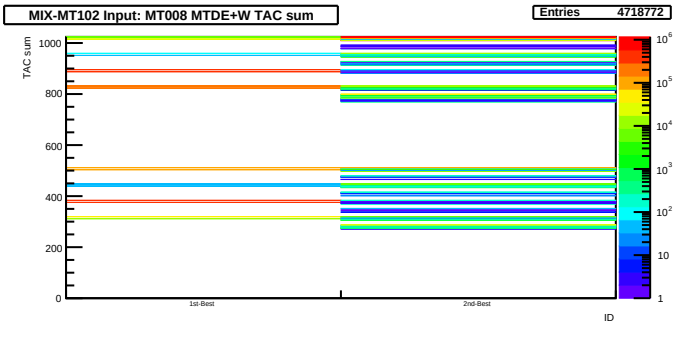

MIX-MT101 Input: VP003 Max TAC
Entries 2359386

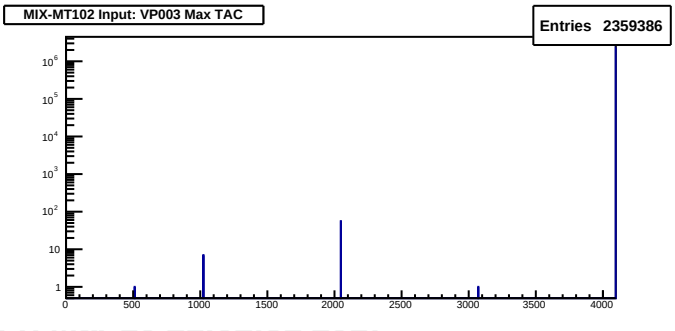

MIX-MT101 Input: VP004 Max TAC
Entries 2359386

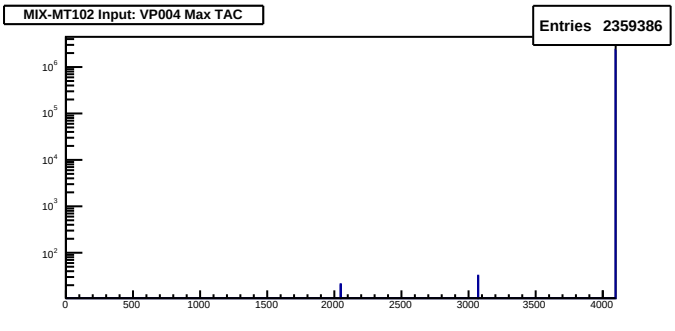

MIX-MT102 Input: MT005 MTDE+W TAC sum
Entries 4718772
TAC sum
1st-Best
2nd-Best
ID

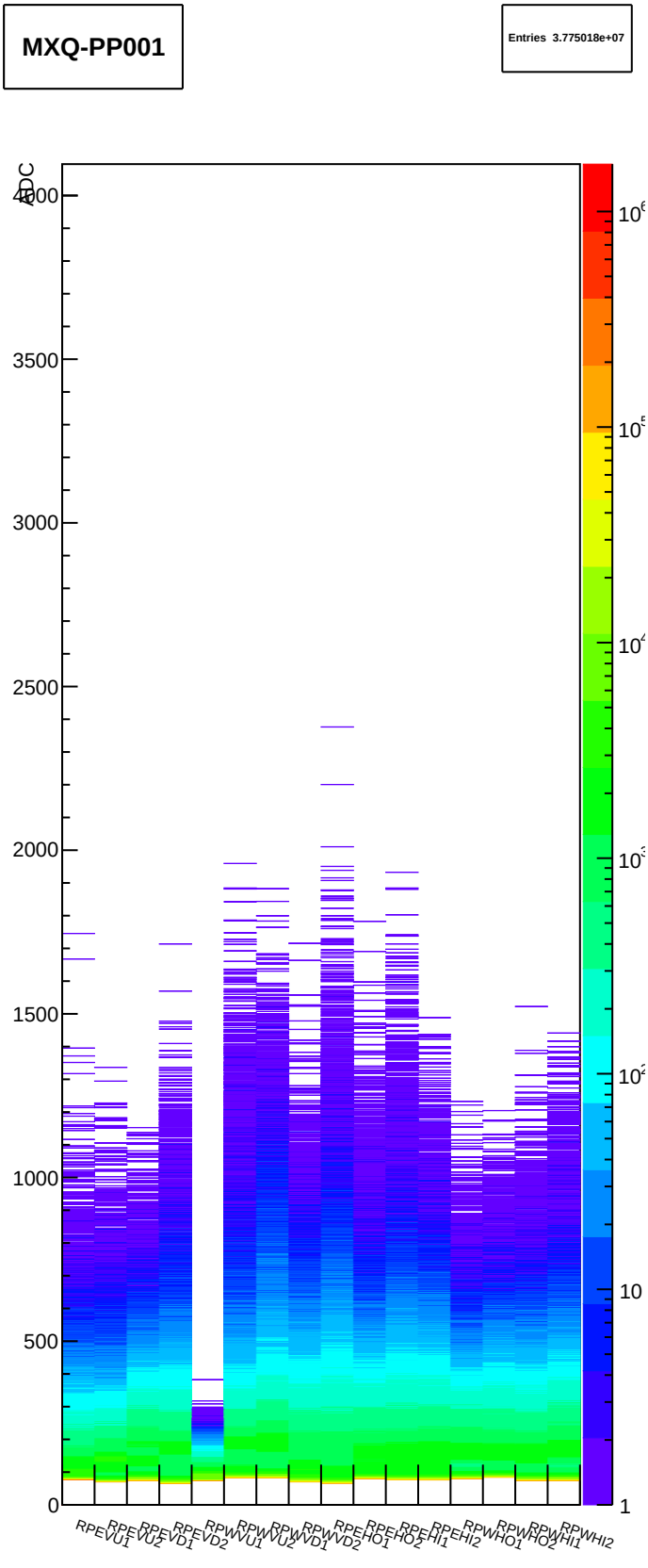

MIX-MT102 Input: MT006 MTDE+W TAC sum
Entries 4718772
TAC sum
1st-Best
2nd-Best
ID

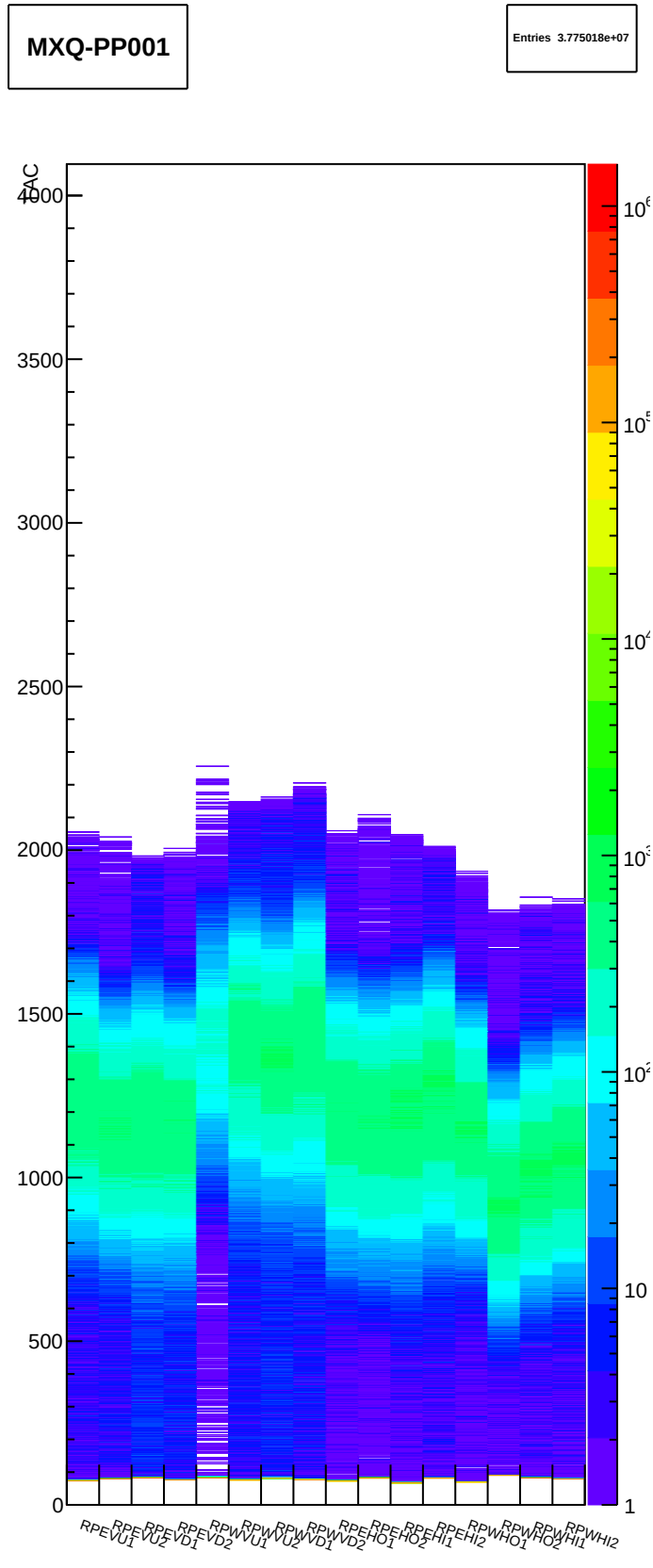

MIX-MT102 Input: MT007 MTDE+W TAC sum
Entries 4718772
TAC sum
1st-Best
2nd-Best
ID

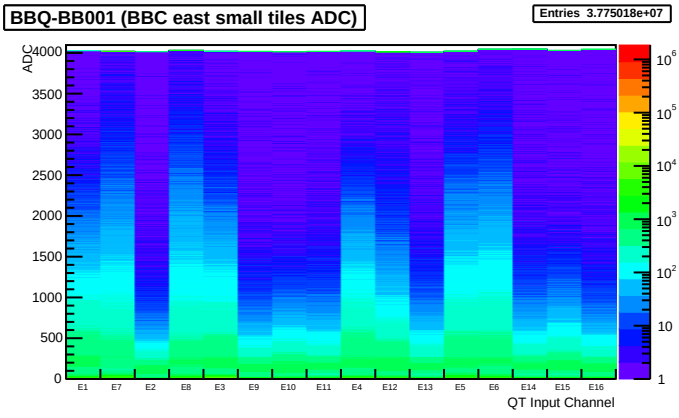

MIX-MT102 Input: MT008 MTDE+W TAC sum
Entries 4718772
TAC sum
1st-Best
2nd-Best
ID

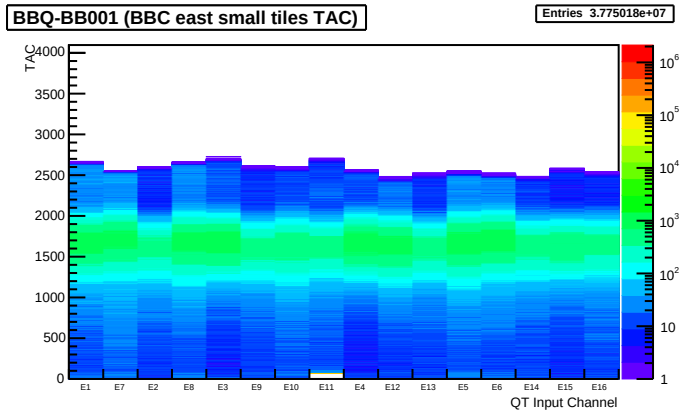

MIX-MT102 Input: VP003 Max TAC
Entries 2359386

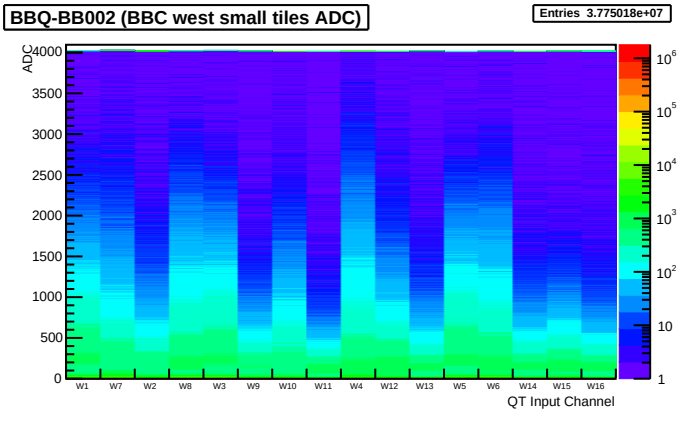

MIX-MT102 Input: VP004 Max TAC
Entries 2359386

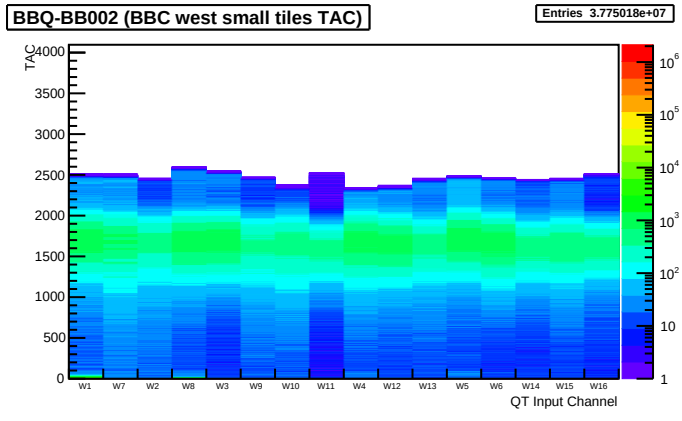

MXQ-PP001
Entries 3.775018e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

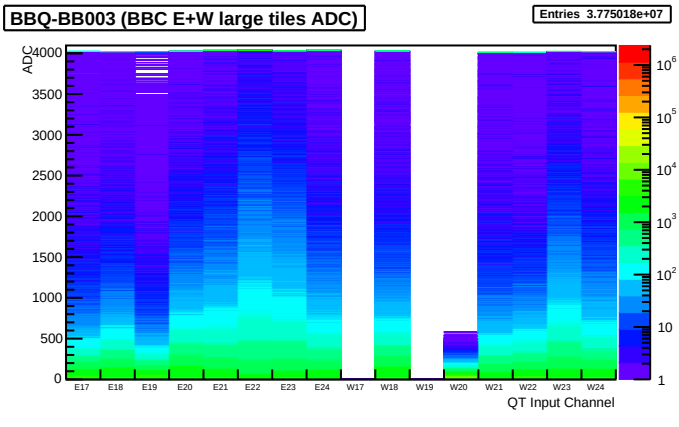

MXQ-PP001
Entries 3.775018e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10
1

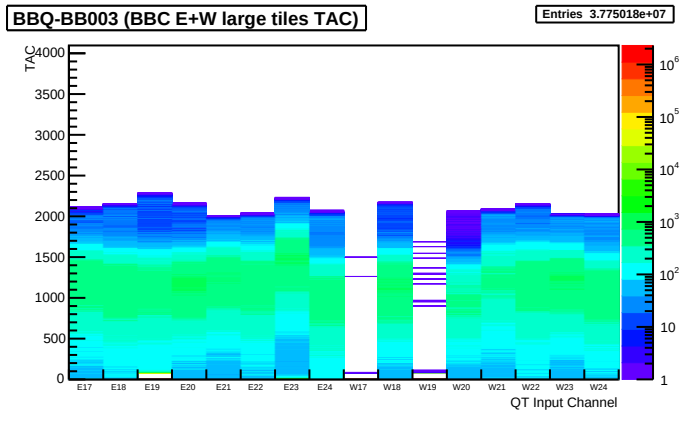

BBQ-BB001 (BBC east small tiles ADC)
Entries 3.775018e+07
ADC
QT Input Channel

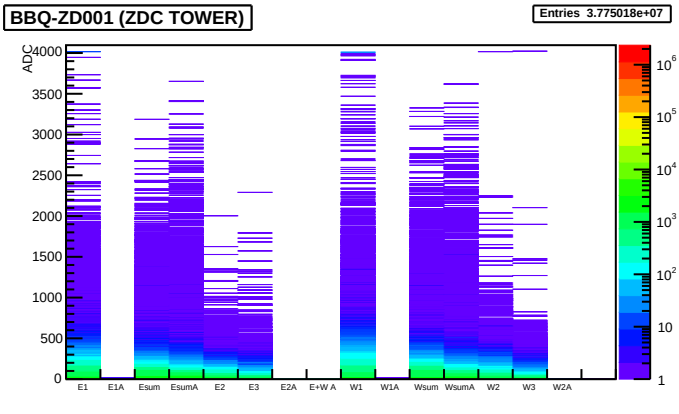

BBQ-BB001 (BBC east small tiles TAC)
Entries 3.775018e+07
TAC
QT Input Channel

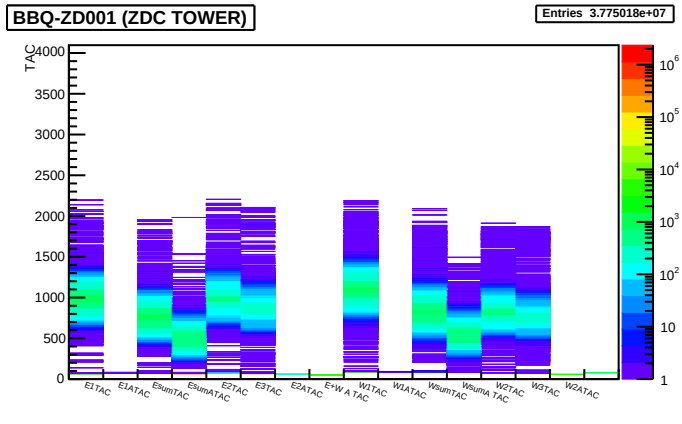

BBQ-BB002 (BBC west small tiles ADC)
Entries 3.775018e+07
ADC
QT Input Channel

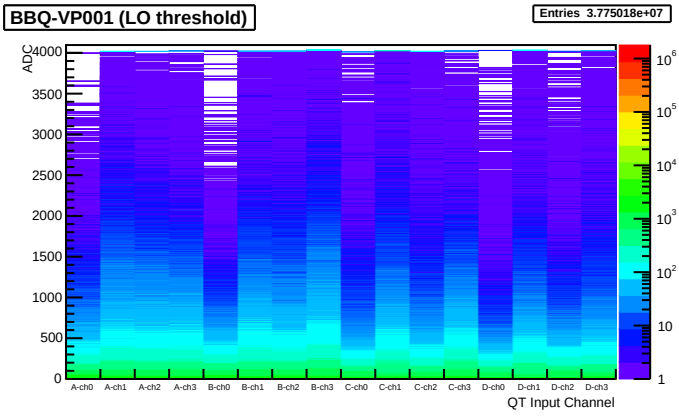

BBQ-BB002 (BBC west small tiles TAC)
Entries 3.775018e+07
TAC
QT Input Channel

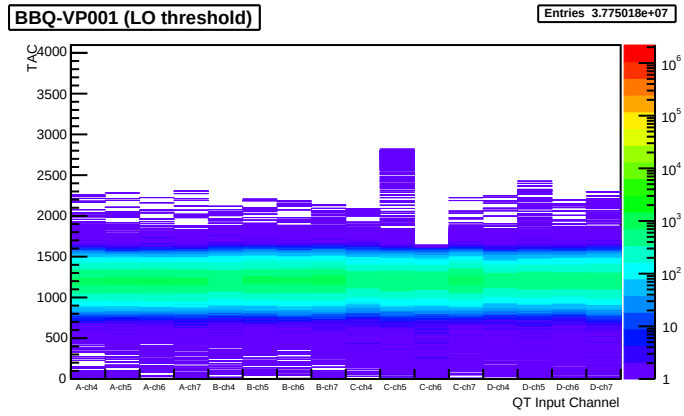

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.775018e+07
ADC
QT Input Channel

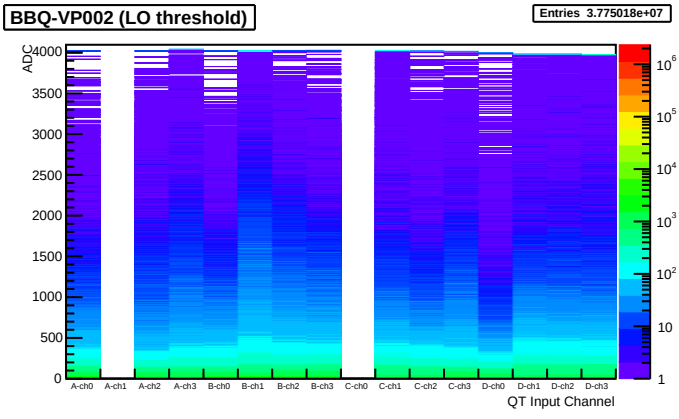

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.775018e+07
TAC
QT Input Channel

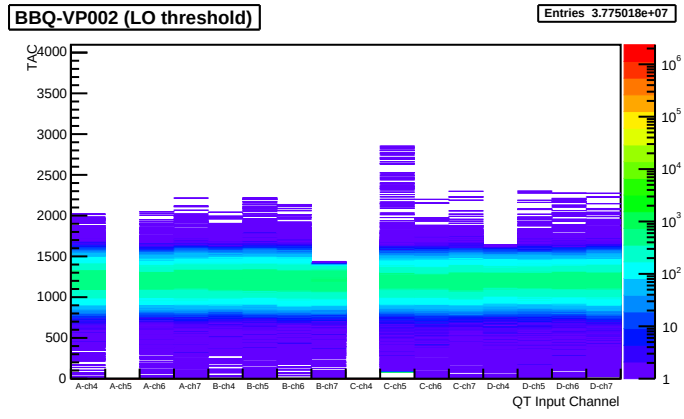

BBQ-ZD001 (ZDC TOWER)
Entries 3.775018e+07
ADC

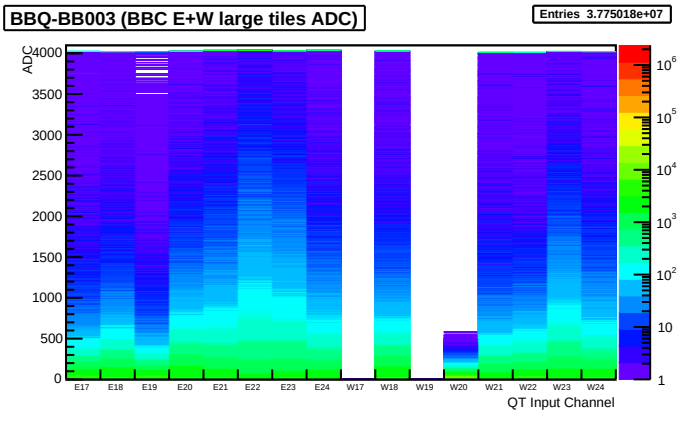

BBQ-ZD001 (ZDC TOWER)
Entries 3.775018e+07
TAC

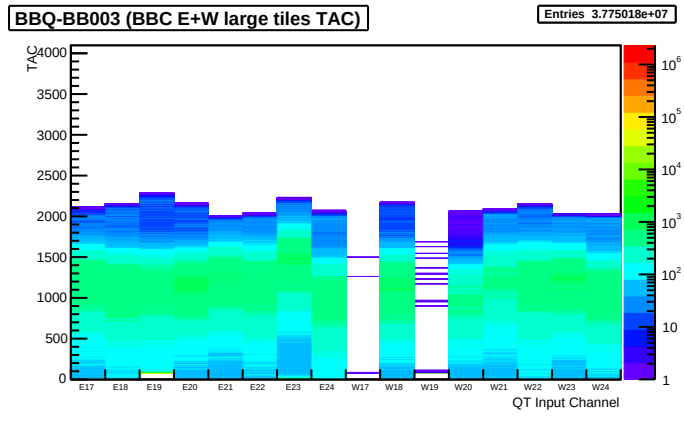

BBQ-VP001 (LO threshold)
Entries 3.775018e+07
ADC
QT Input Channel

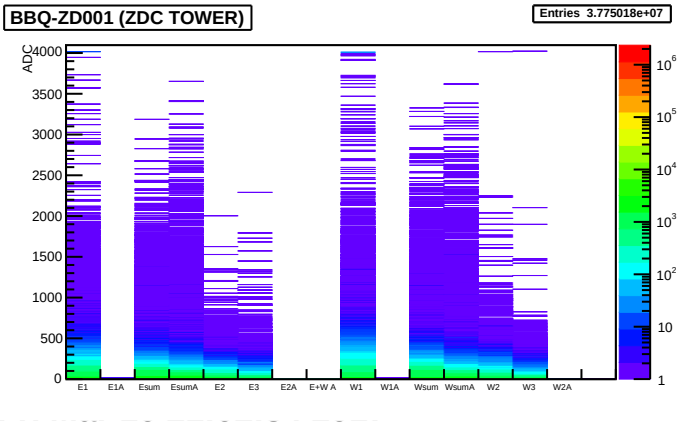

BBQ-VP001 (LO threshold)
Entries 3.775018e+07
TAC
QT Input Channel

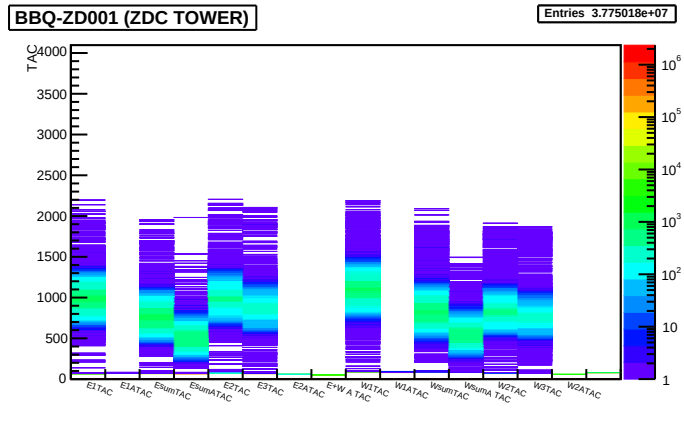

BBQ-VP002 (LO threshold)
Entries 3.775018e+07
ADC
QT Input Channel

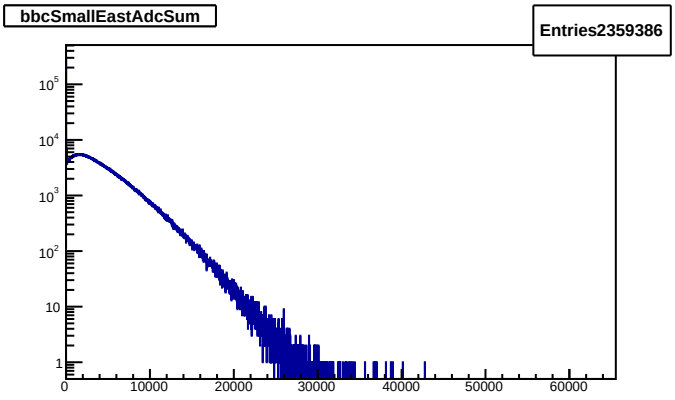

BBQ-VP002 (LO threshold)
Entries 3.775018e+07
TAC
QT Input Channel

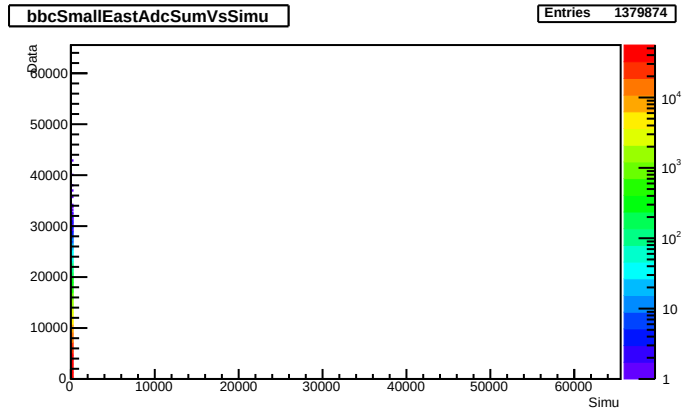

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 3.775018e+07
ADC
QT Input Channel

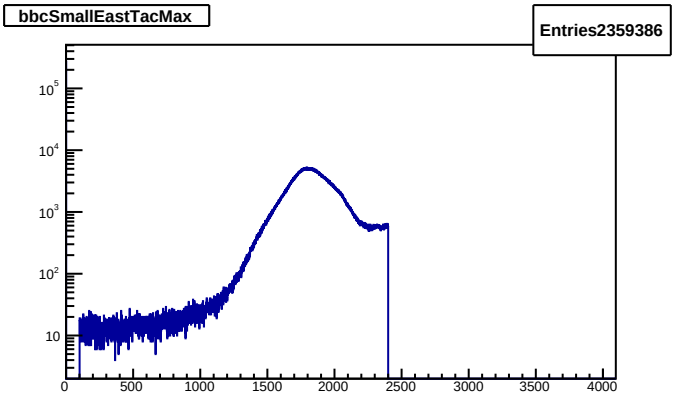

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 3.775018e+07
TAC
QT Input Channel

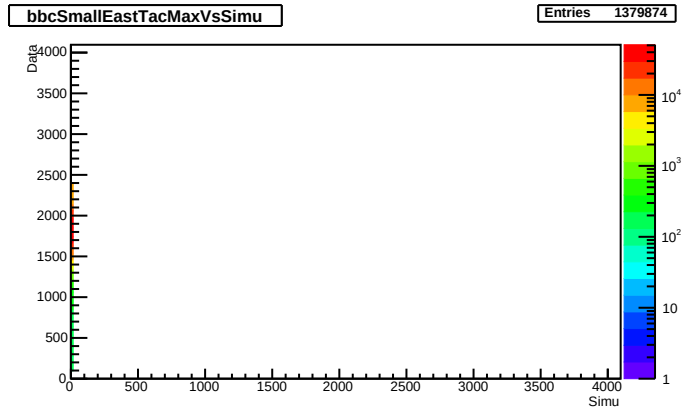

BBQ-ZD001 (ZDC TOWER)
Entries 3.775018e+07
ADC

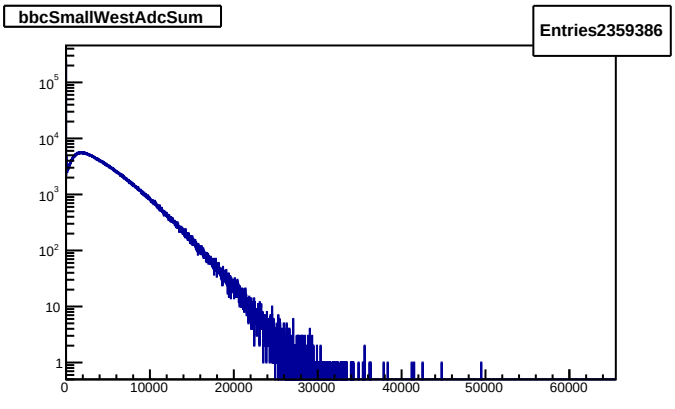

BBQ-ZD001 (ZDC TOWER)
Entries 3.775018e+07
TAC

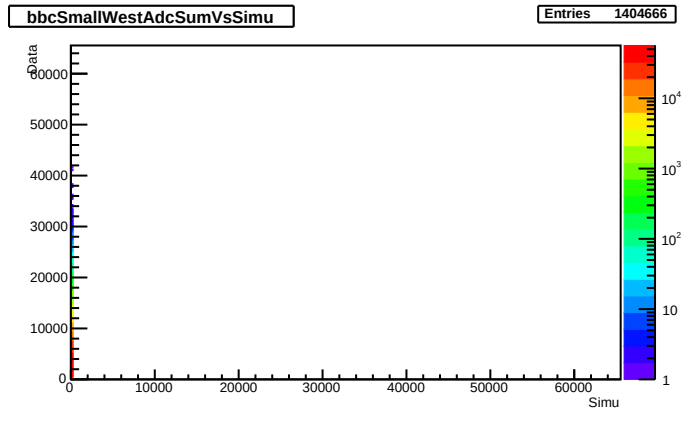

bbcSmallEastAdcSum
Entries2359386

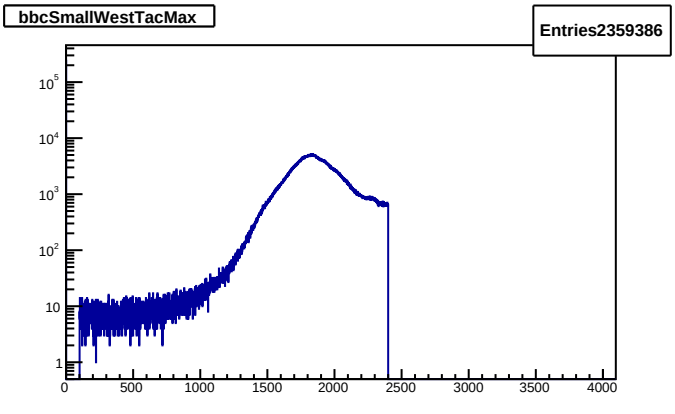

bbcSmallEastAdcSumVsSimu
Entries 1379874
Data
Simu

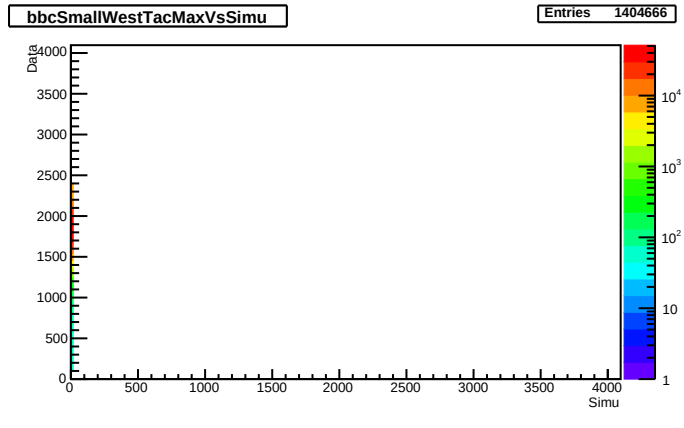

bbcSmallEastTacMax
Entries2359386

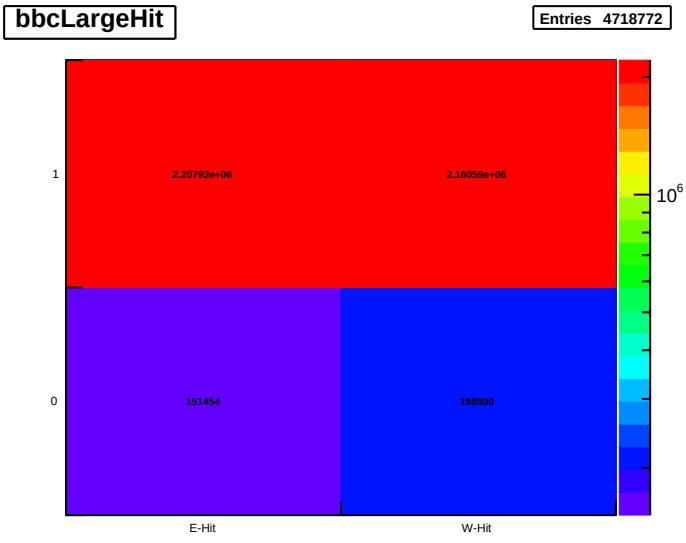

bbcSmallEastTacMaxVsSimu
Entries 1379874
Data
Simu

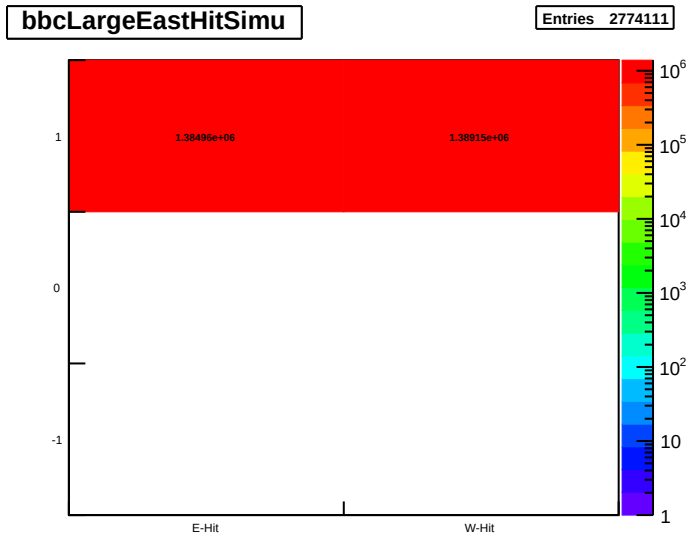

bbcSmallWestAdcSum
Entries2359386

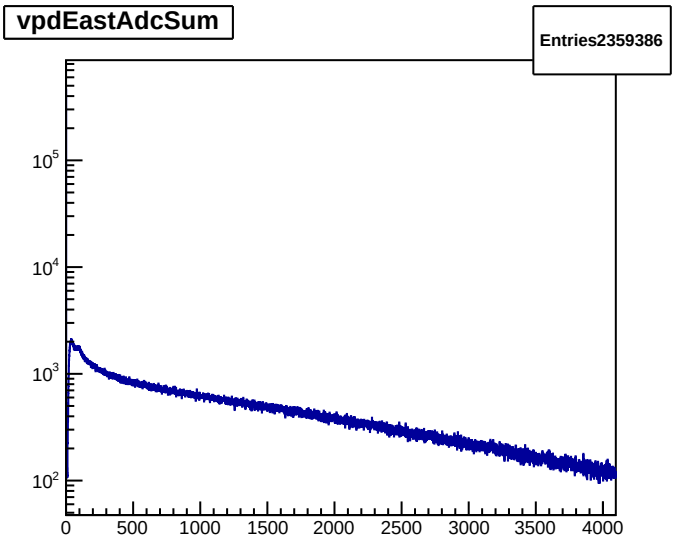

bbcSmallWestAdcSumVsSimu
Entries 1404666
Data
Simu

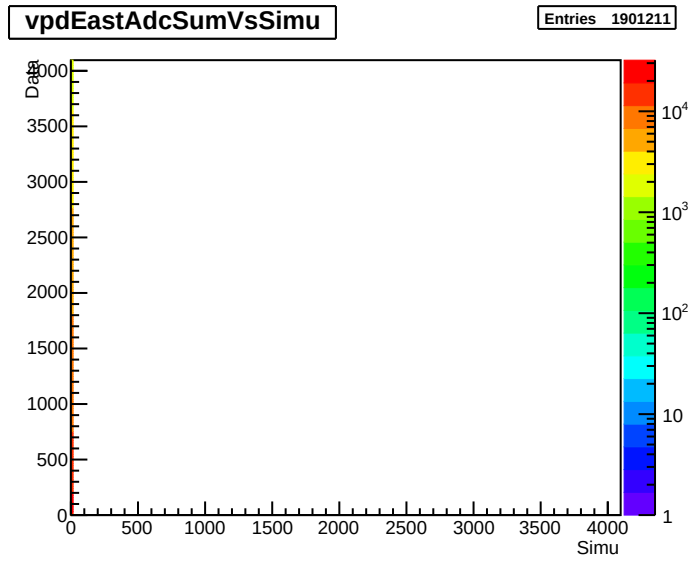

bbcSmallWestTacMax
Entries2359386

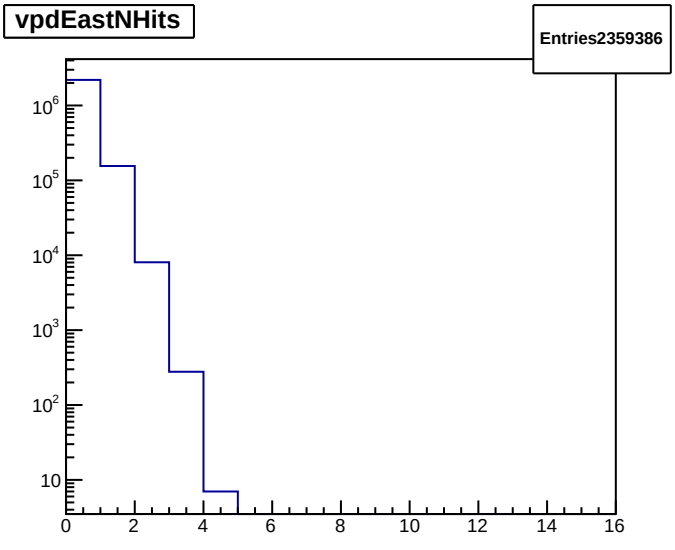

bbcSmallWestTacMaxVsSimu
Entries 1404666
Data
Simu

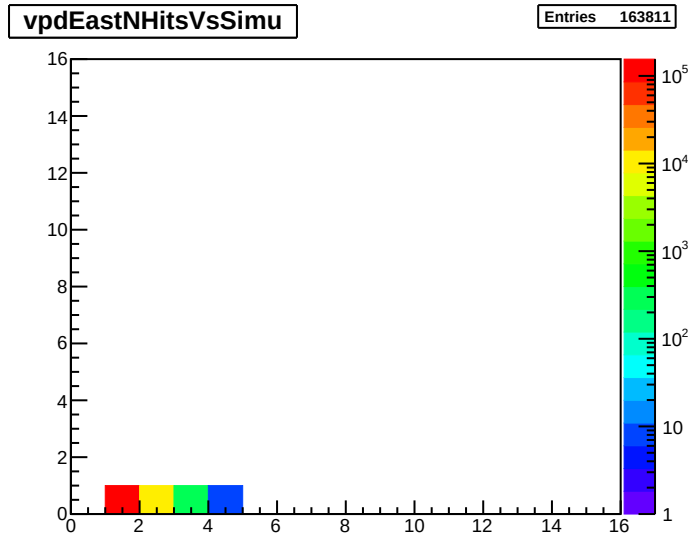

bbcLargeHit
Entries 4718772
1
0
2.20793e+06
2.16059e+06
151454
198800
E-Hit
W-Hit
10^6

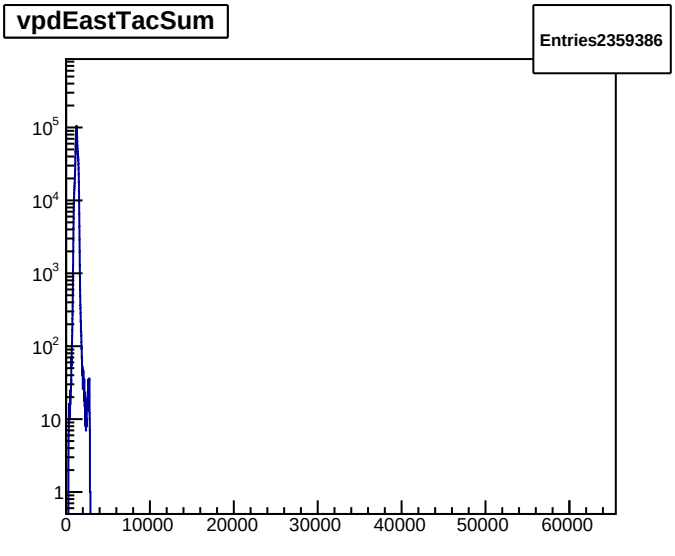

bbcLargeEastHitSimu
Entries 2774111
1
0
-1
1.38496e+06
1.38915e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

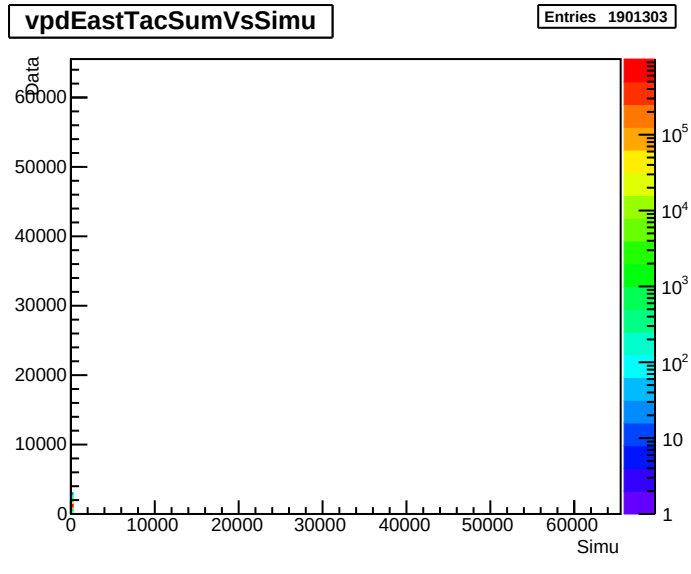

vpdEastAdcSum
Entries2359386

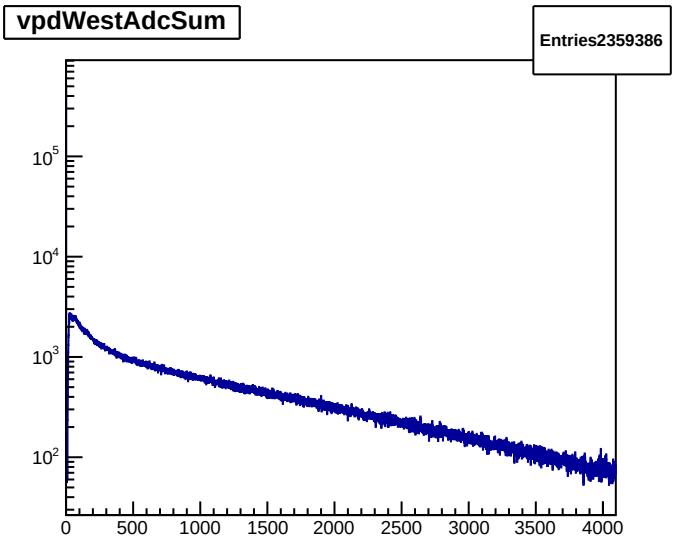

vpdEastAdcSumVsSimu
Entries 1901211
Data
Simu

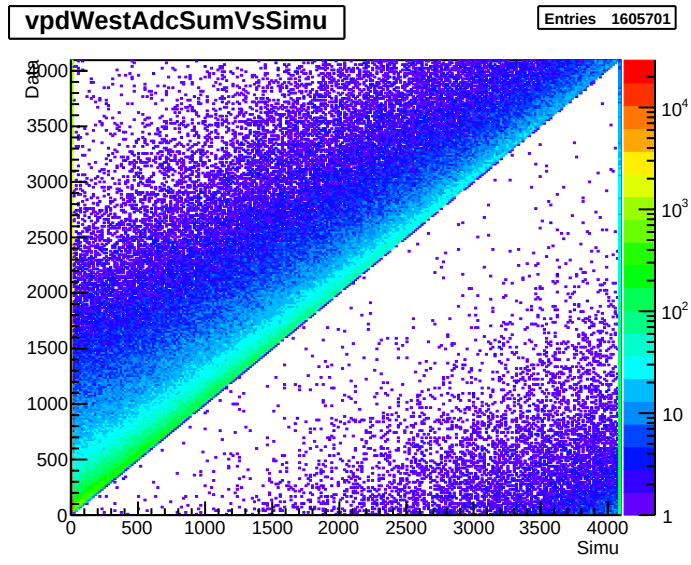

vpdEastNHits
Entries2359386

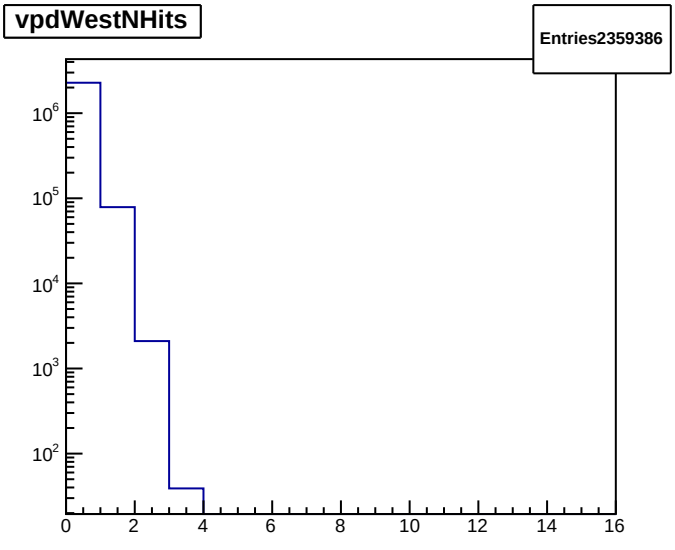

vpdEastNHitsVsSimu
Entries 163811

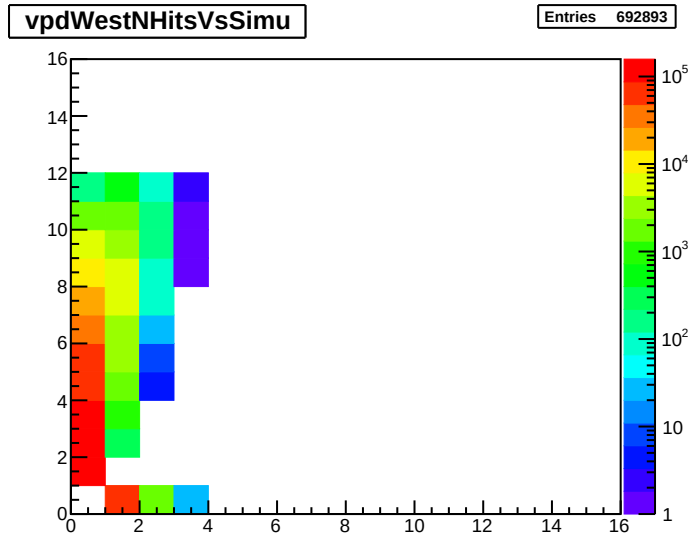

vpdEastTacSum
Entries2359386

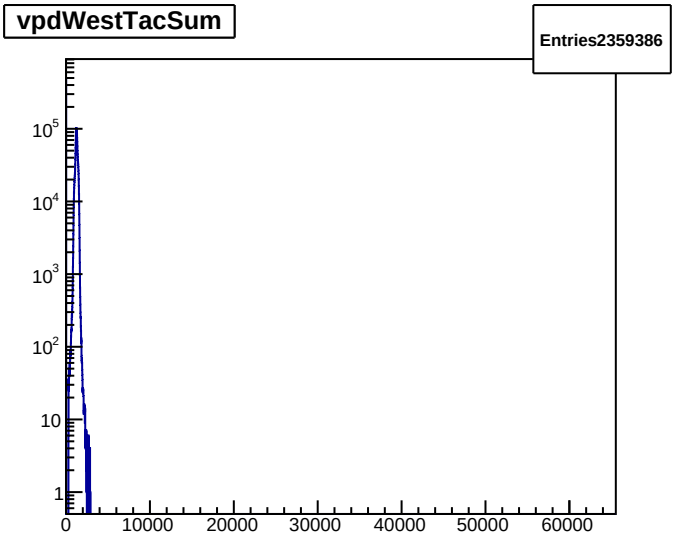

vpdEastTacSumVsSimu
Entries 1901303
Data
Simu

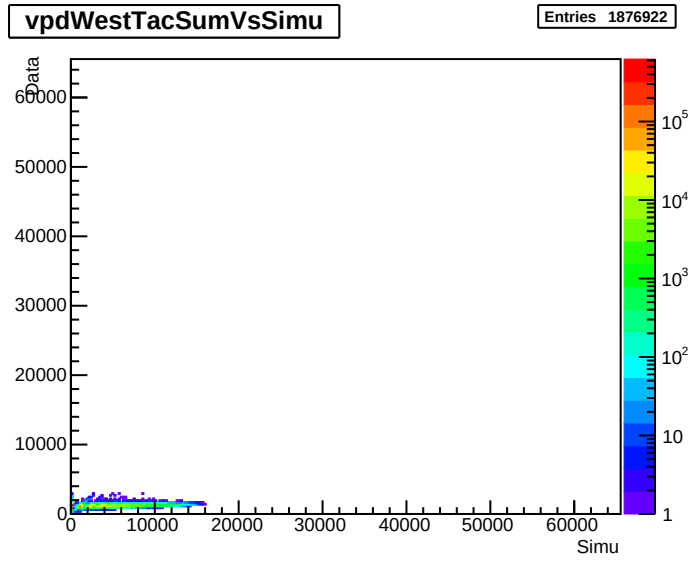

vpdWestAdcSum
Entries2359386

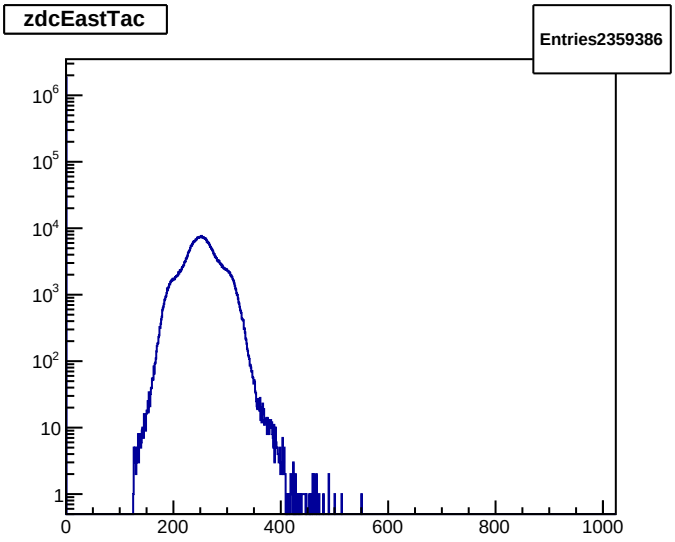

vpdWestAdcSumVsSimu
Entries 1605701
Data
Simu

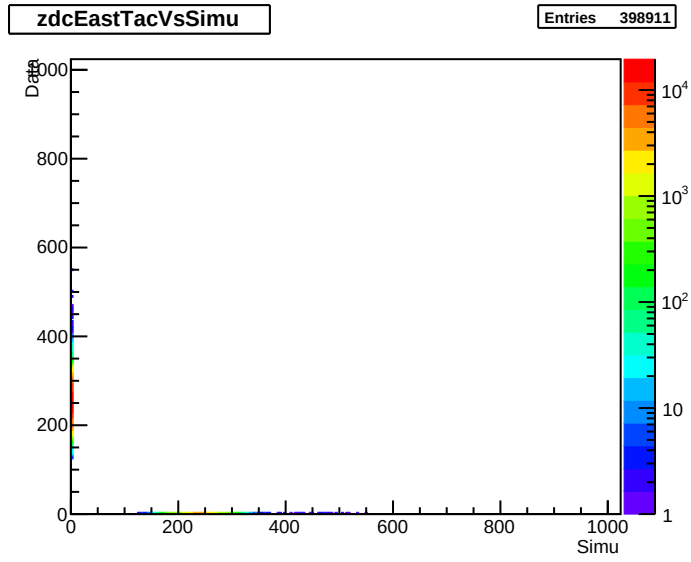

vpdWestNHits
Entries2359386

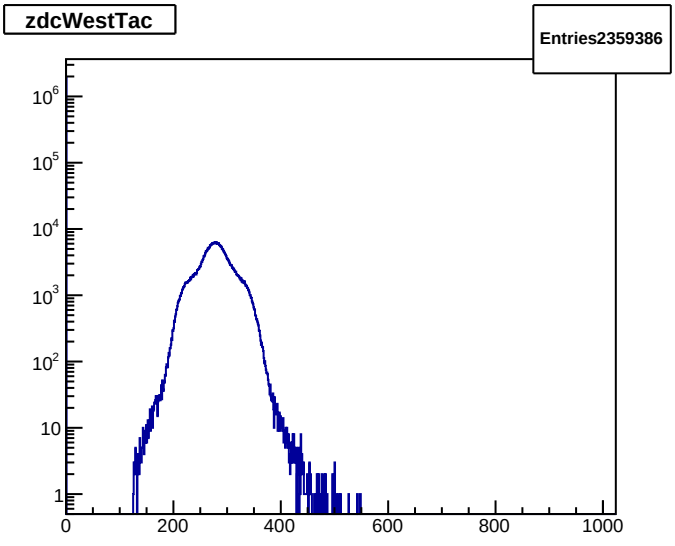

vpdWestNHitsVsSimu
Entries 692893

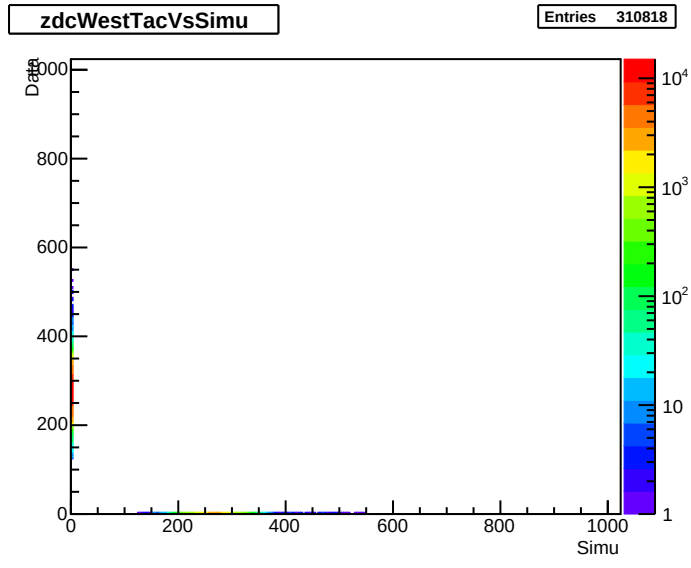

vpdWestTacSum
Entries2359386

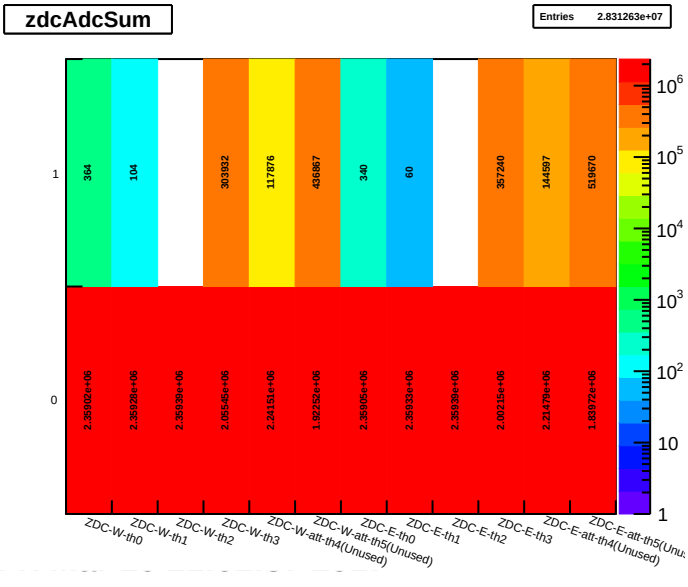

vpdWestTacSumVsSimu
Entries 1876922
Data
Simu

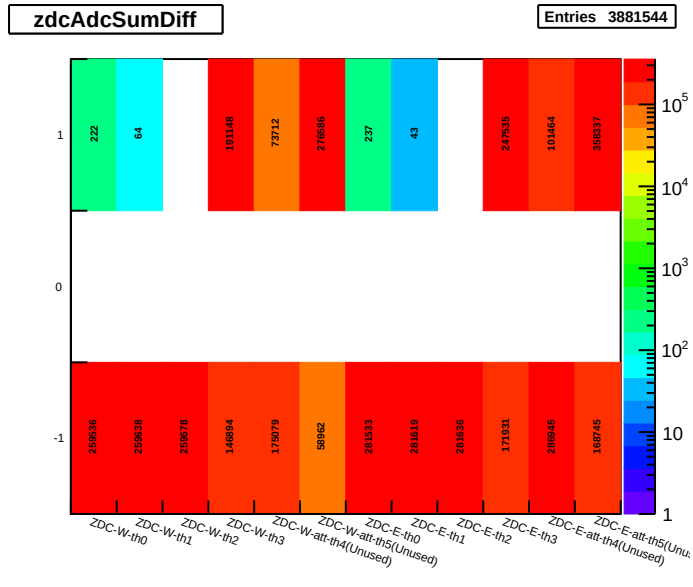

zdcEastTac
Entries2359386

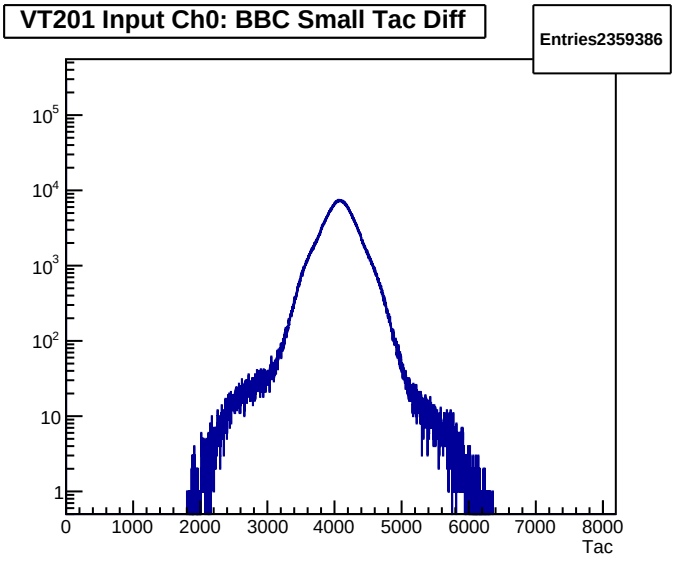

zdcEastTacVsSimu
Entries 398911
Data
Simu

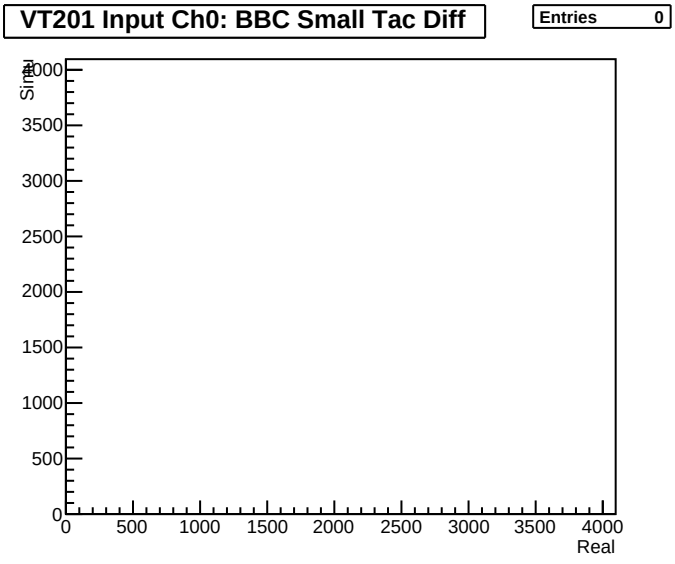

zdcWestTac
Entries2359386

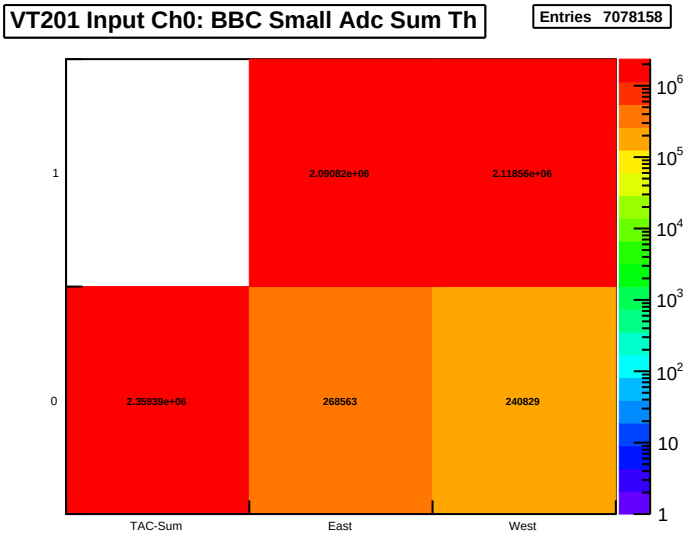

zdcWestTacVsSimu
Entries 310818
Data
Simu

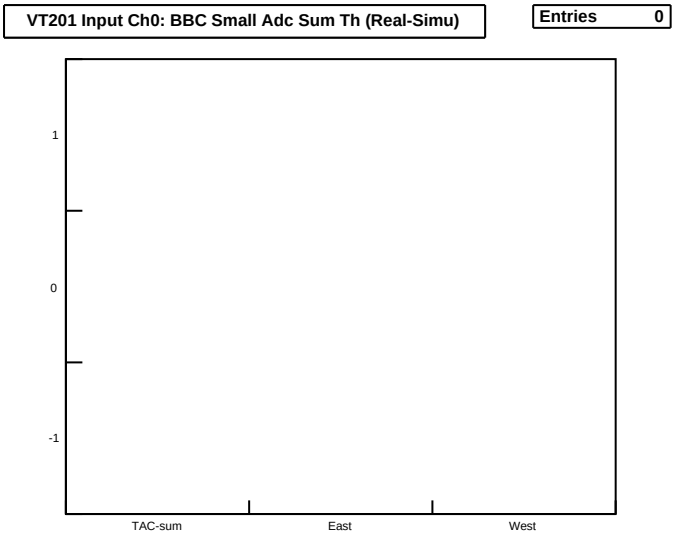

zdcAdcSum
Entries 2.831263e+07
364
104
303932
117876
436867
340
60
357240
144597
519670
2.35902e+06
2.35928e+05
2.35930e+06
2.05545e+06
2.24151e+06
1.92252e+06
2.35905e+06
2.35933e+06
2.35939e+05
2.00215e+06
2.21479e+06
1.83972e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

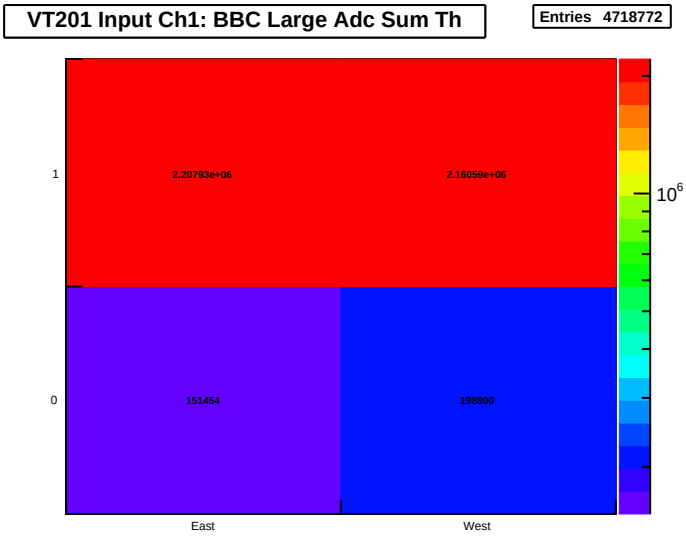

zdcAdcSumDiff
Entries 3881544
222
64
191148
73712
276586
237
43
247535
101464
358337
259536
259638
259678
146894
175079
58962
281533
281619
281636
171931
286945
169745
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

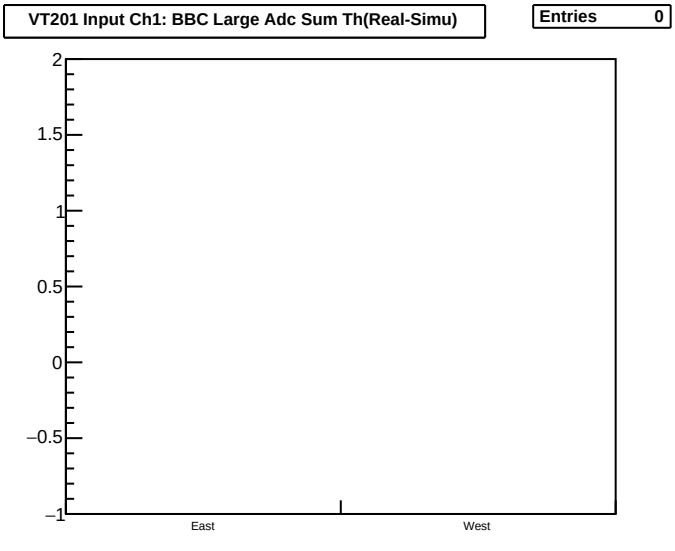

VT201 Input Ch0: BBC Small Tac Diff
Entries2359386
Tac


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

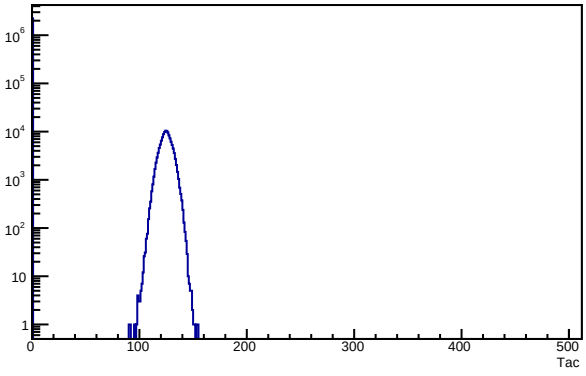

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7078158
2.09082e+06
2.11856e+06
2.35939e+06
268563
240829
TAC-Sum
East
West


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

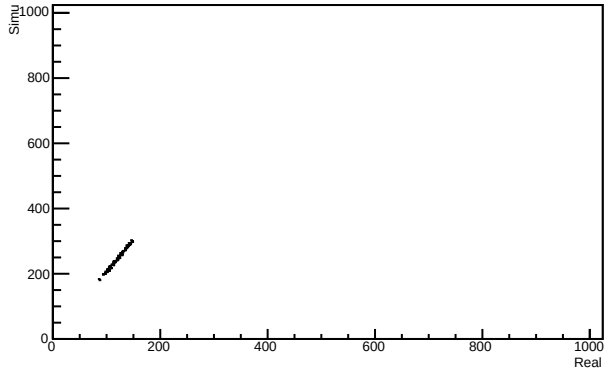

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 4718772
2.20793e+06
2.16059e+06
151454
198800
East
West


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

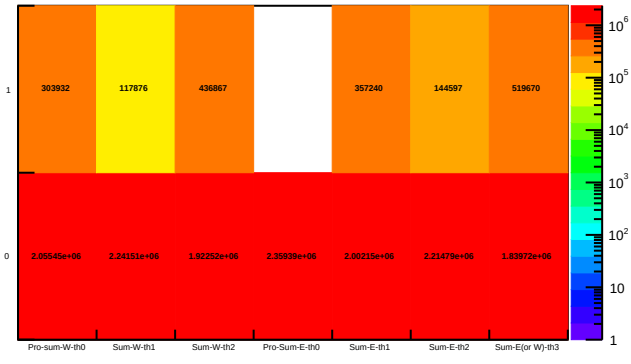
VT201 Input Ch2: ZDC Tac Diff



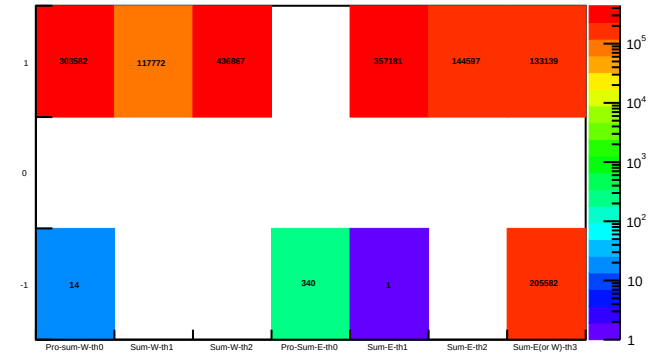
VT201 Input Ch2: ZDC Tac Diff



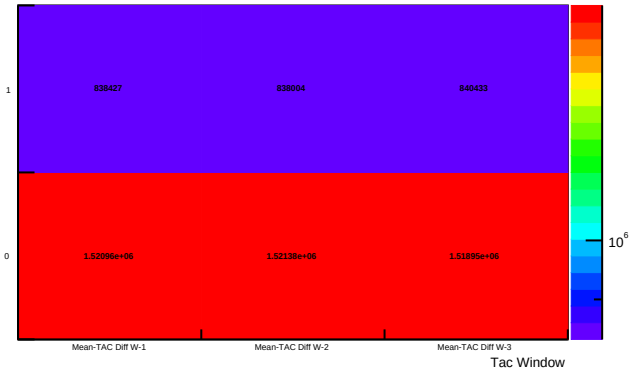
VT201 Input Ch2: ZDC Adc Sum Th



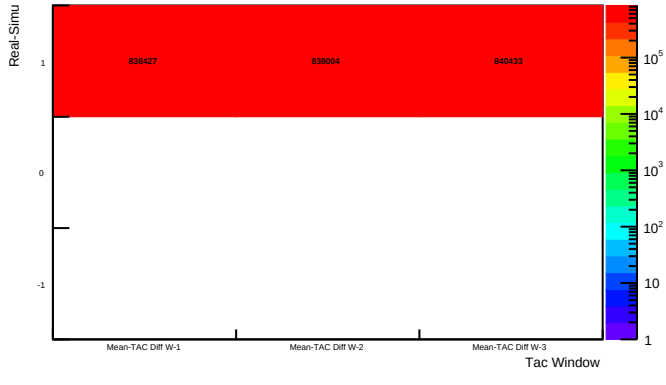
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



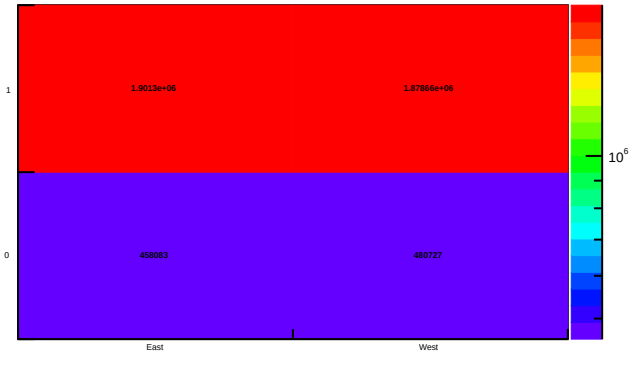
VT201 Input Ch4: VPD Tac Diff



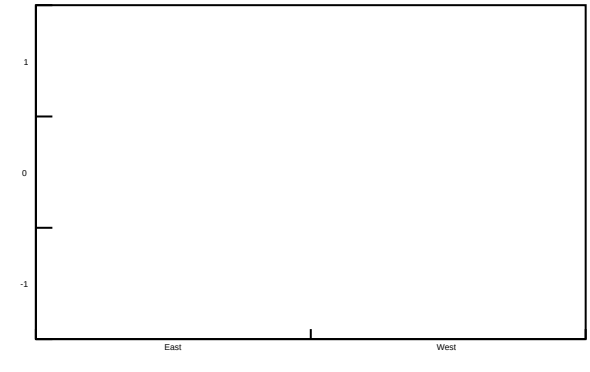
VT201 Input Ch4: VPD Tac Diff

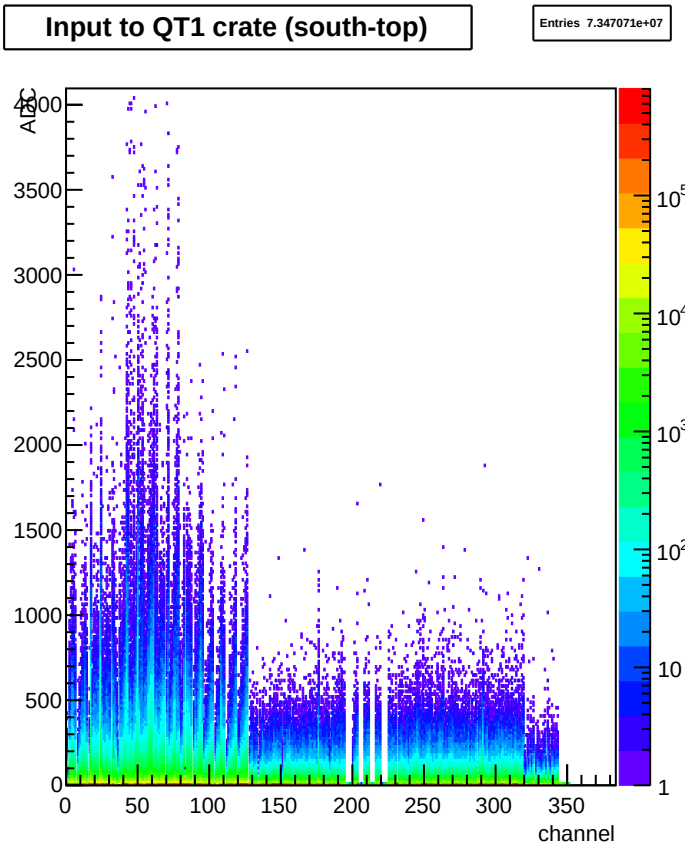


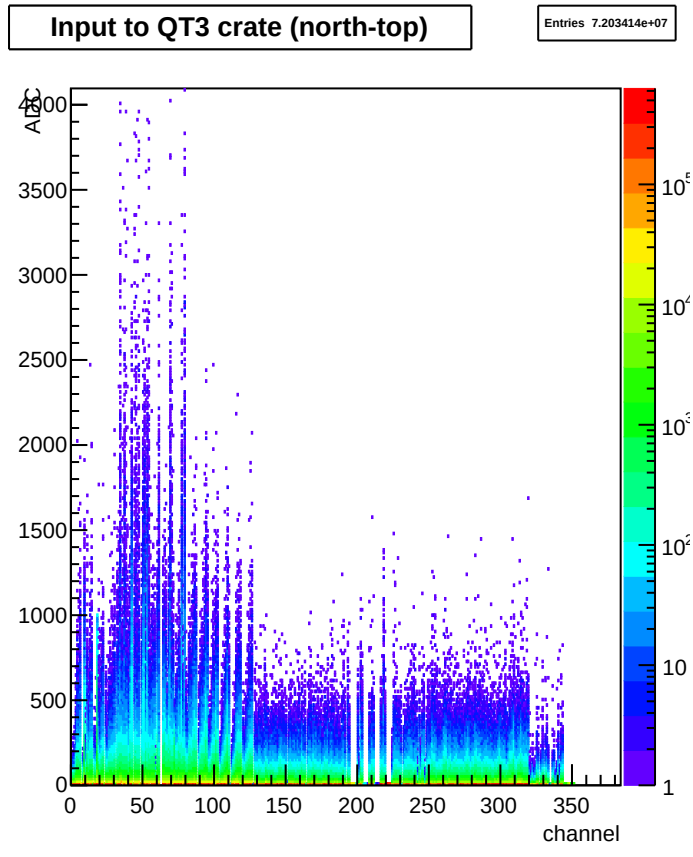
VT201 Input Ch4: VPD Adc Sum Th

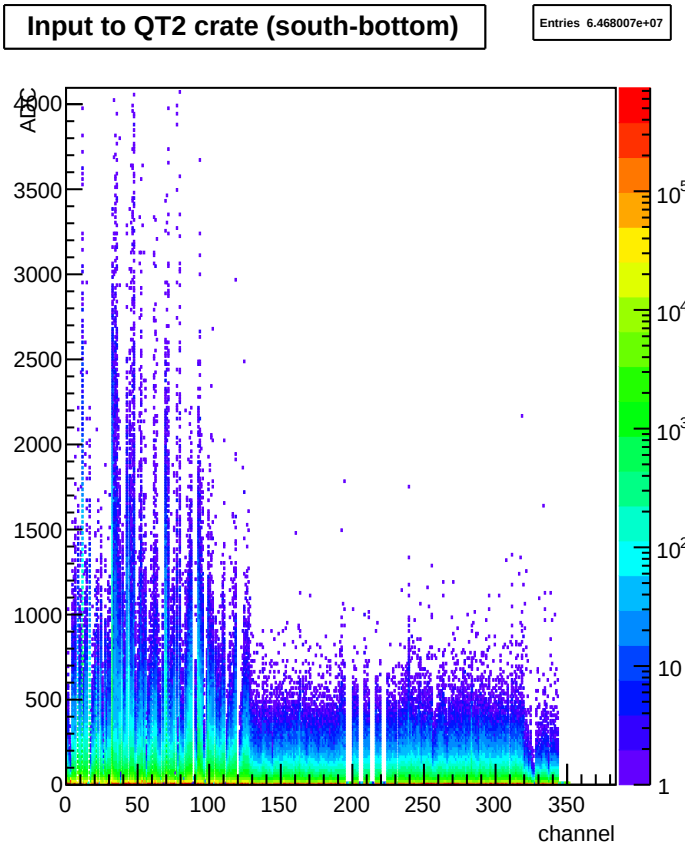


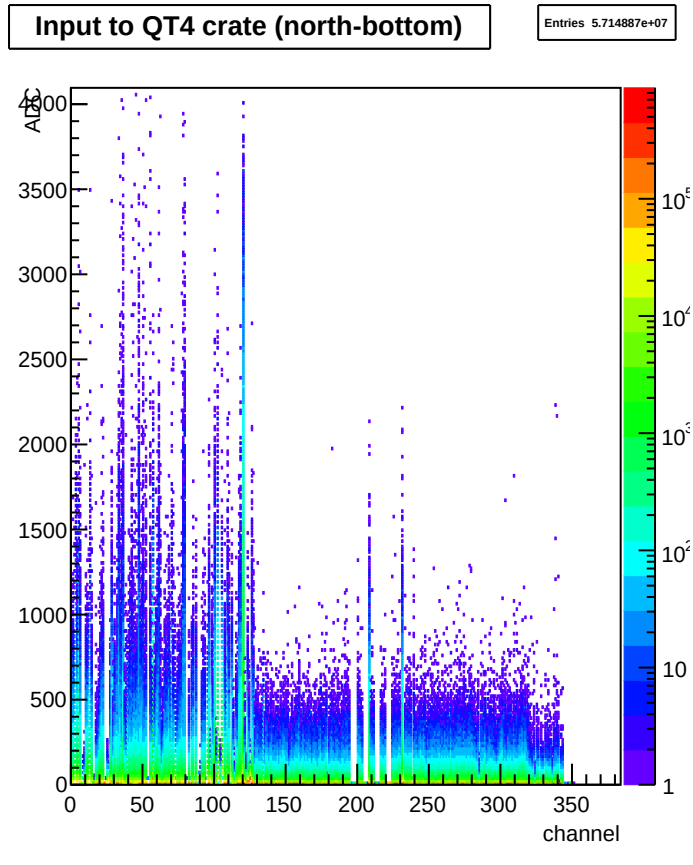
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

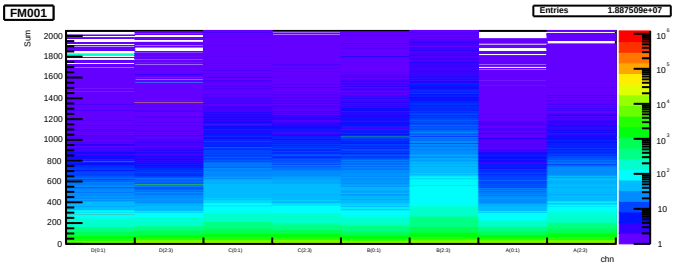


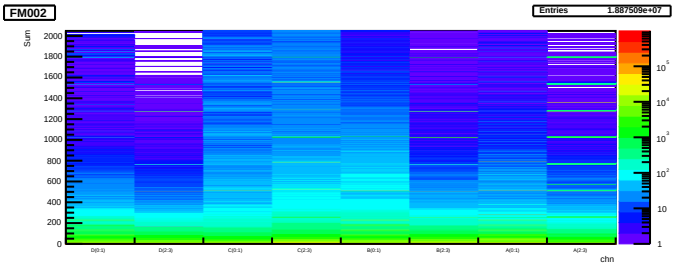

Input to QT1 crate (south-top)
Entries 7.347071e+07
ADC
channel

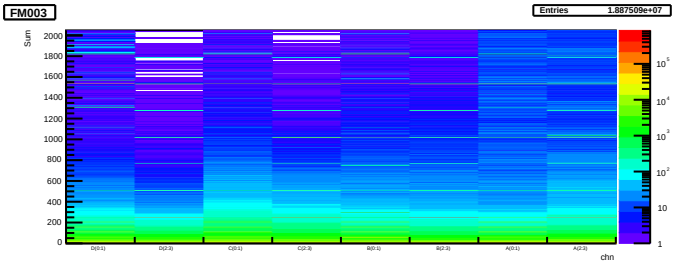

Input to QT3 crate (north-top)
Entries 7.203414e+07
ADC
channel

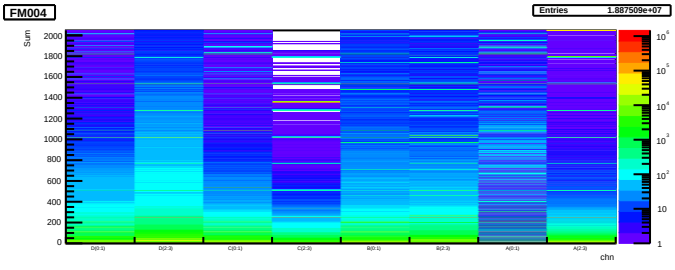

Input to QT2 crate (south-bottom)
Entries 6.468007e+07
ADC
channel

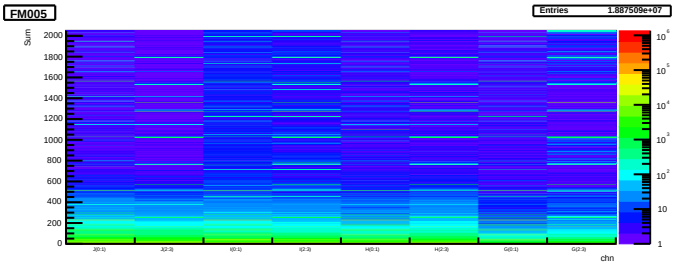

Input to QT4 crate (north-bottom)
Entries 5.714887e+07
ADC
channel

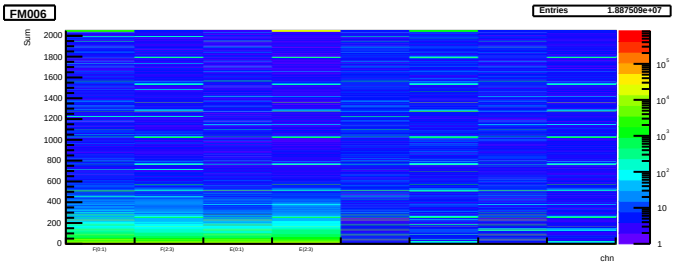

FM001
Entries 1.887509e+07
Sum
chn

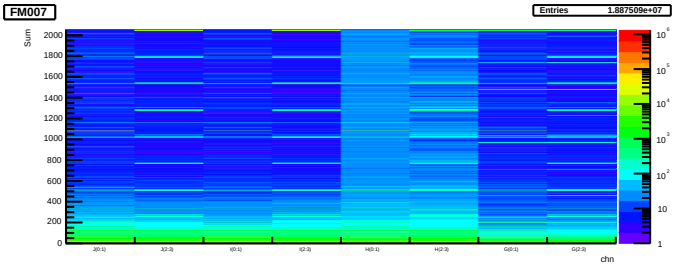

FM002
Entries 1.887509e+07
Sum
chn

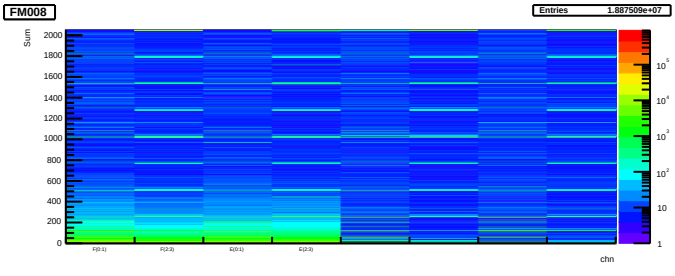

FM003
Entries 1.887509e+07
Sum
chn

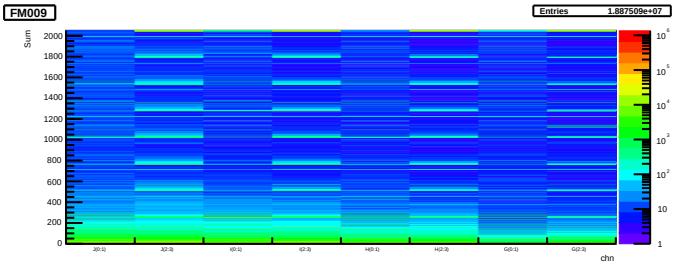

FM004
Entries 1.887509e+07
Sum
chn

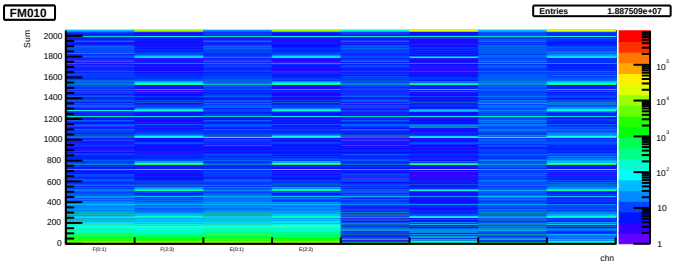

FM005
Entries 1.887509e+07
Sum
chn


FM006
Entries 1.887509e+07
Sum
chn


FM007
Entries 1.887509e+07
Sum
chn


FM008
Entries 1.887509e+07
Sum
chn


FM009
Entries 1.887509e+07
Sum
chn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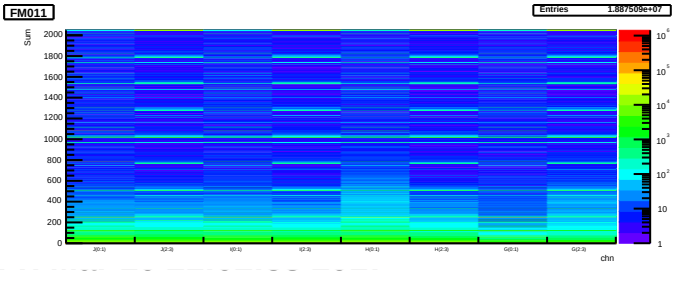
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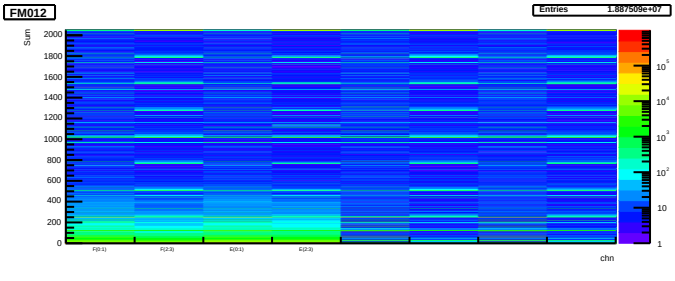
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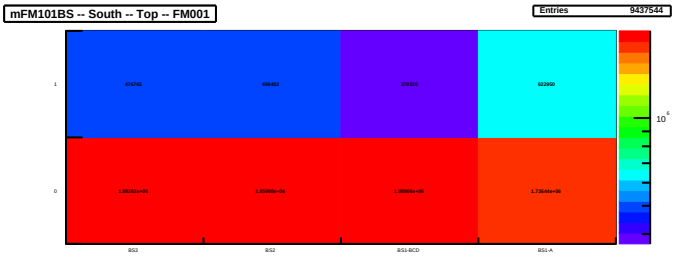
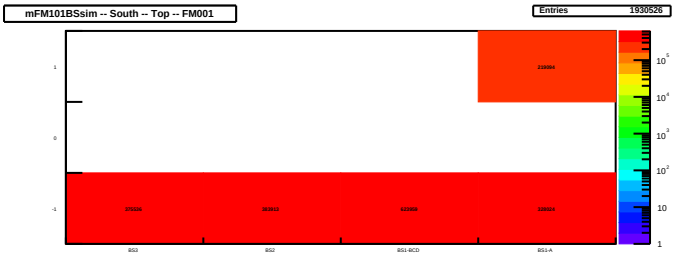

mFM101BS -- South -- Top -- FM001
Entries 9437544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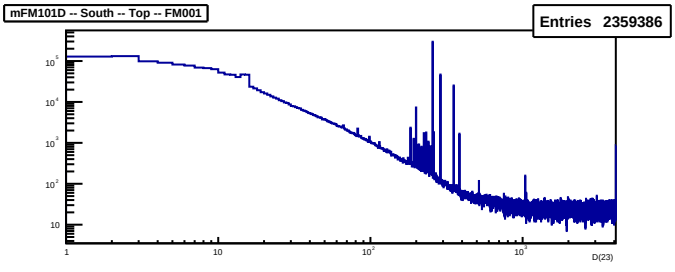
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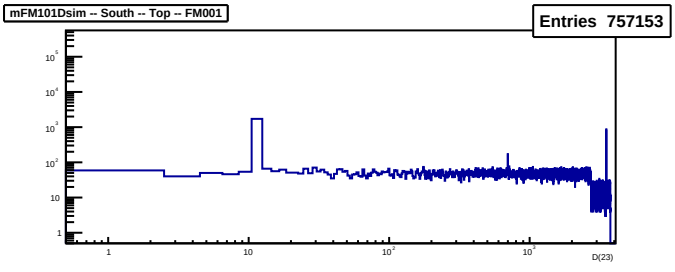
D(23)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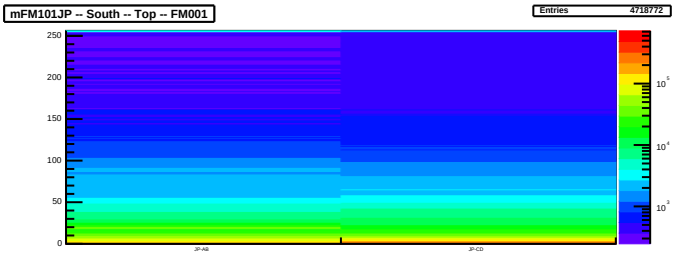
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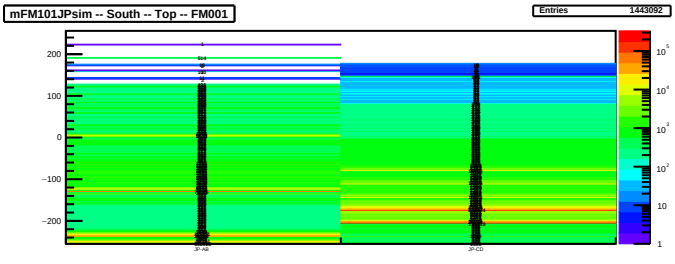
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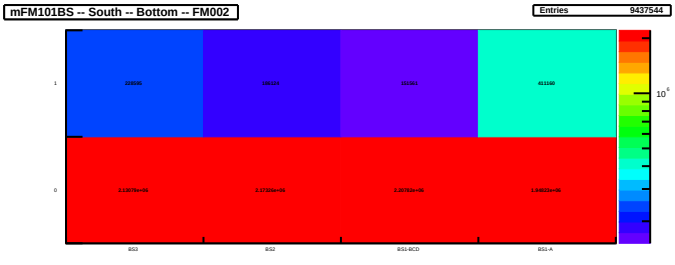
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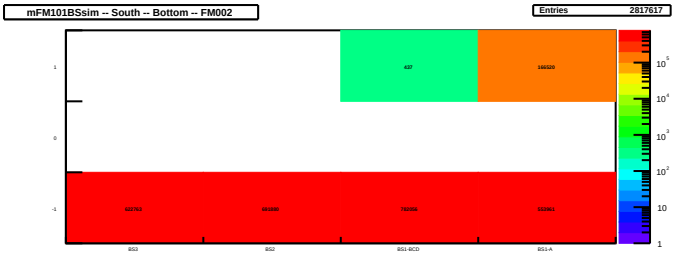
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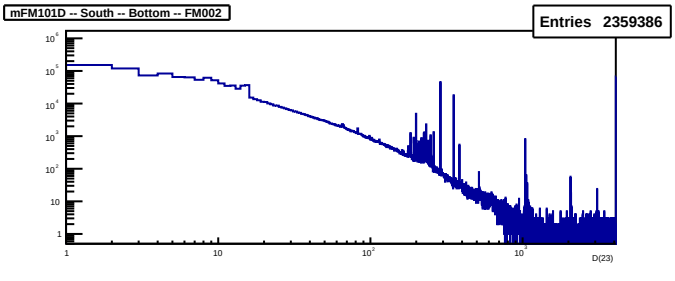
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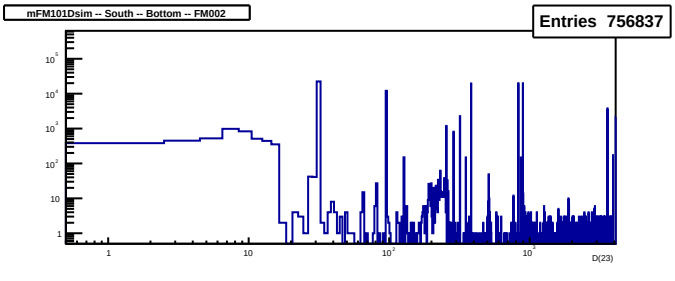
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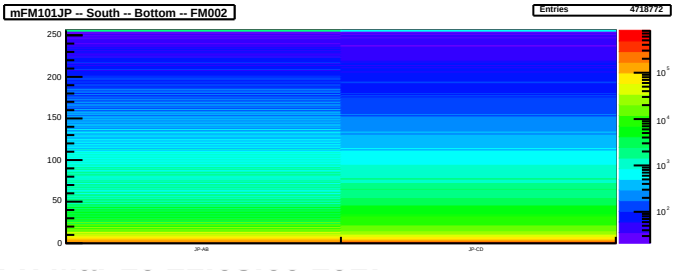
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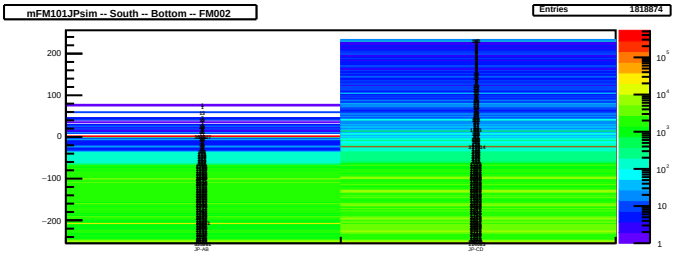
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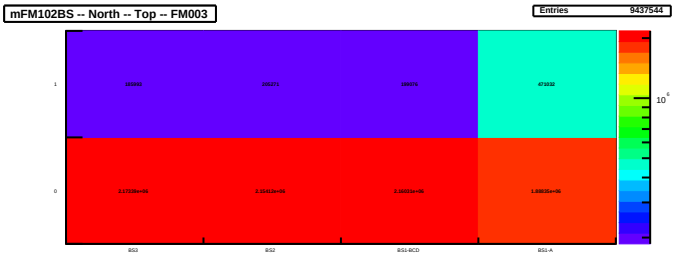
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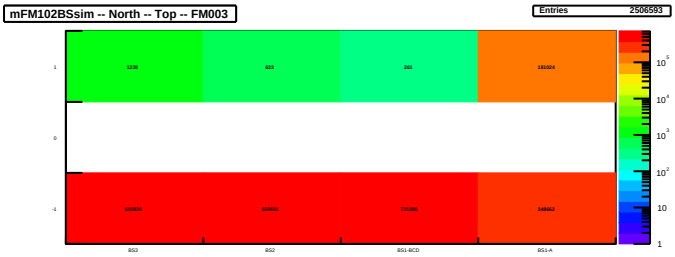
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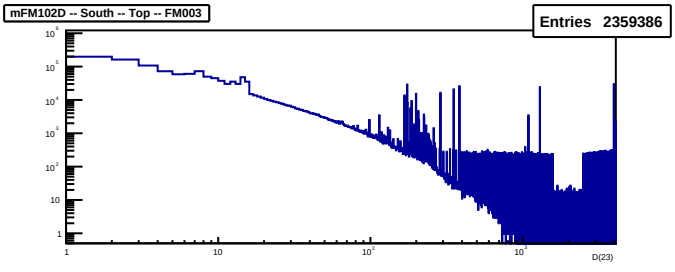
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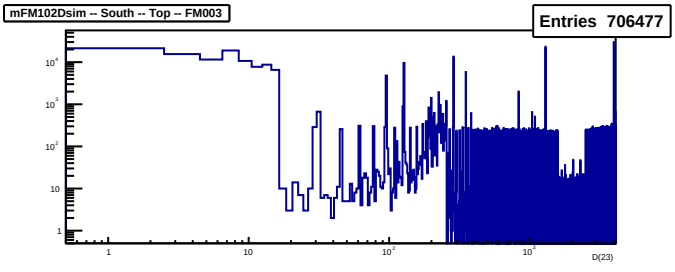
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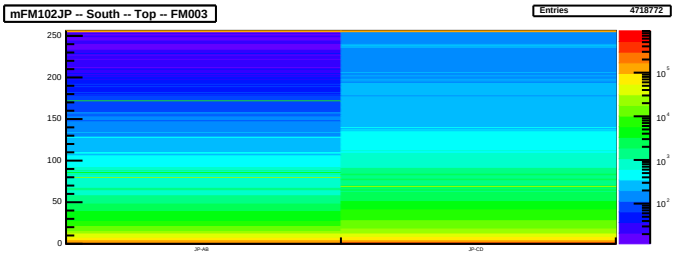
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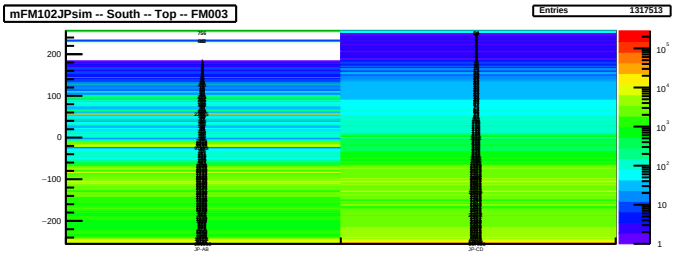
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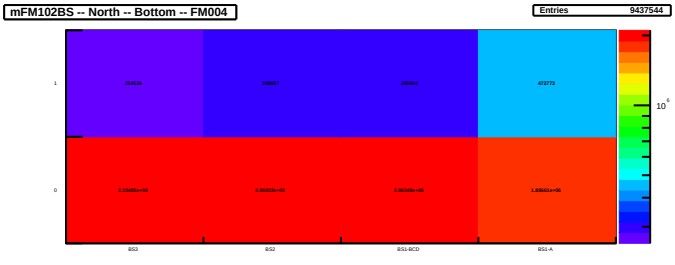
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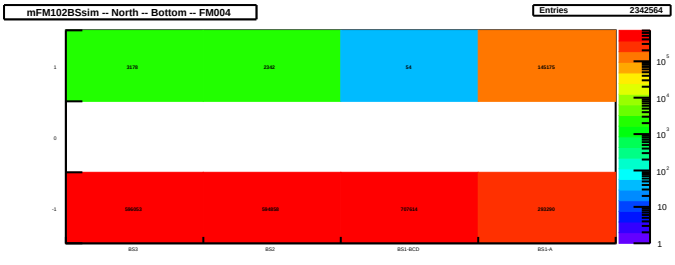
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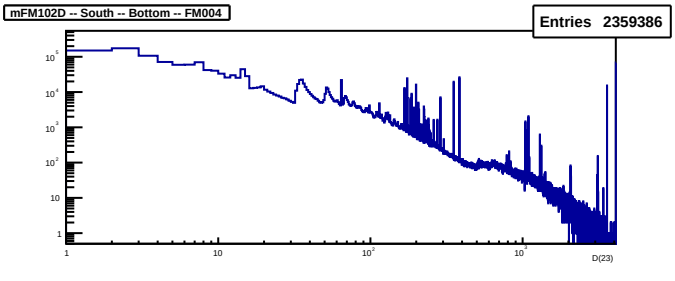
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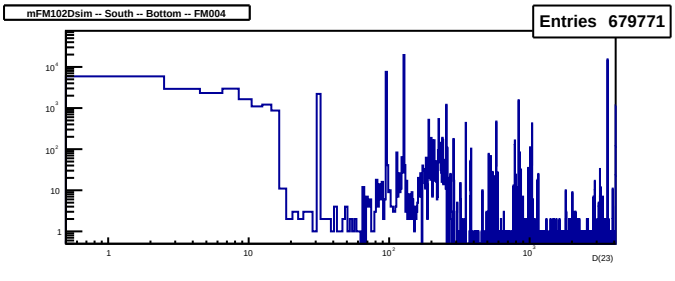
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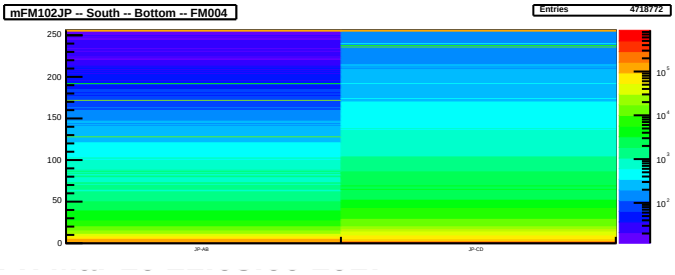
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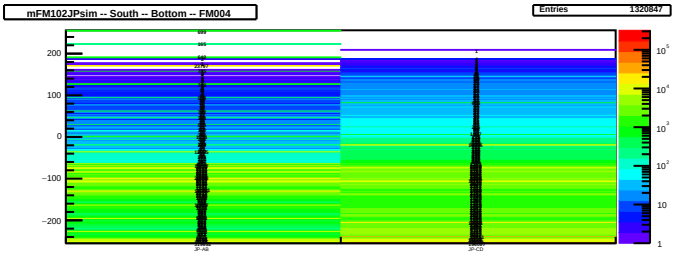
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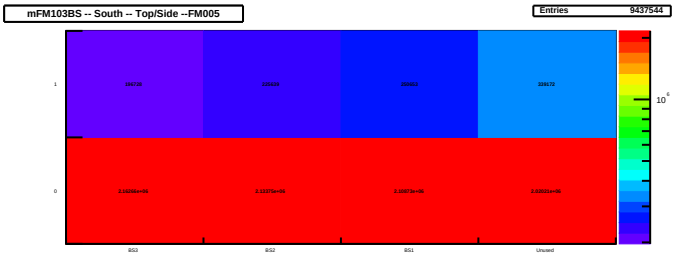
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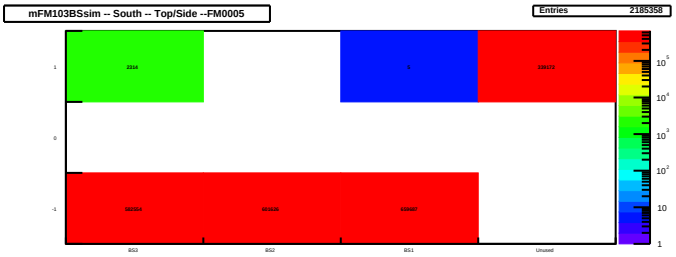
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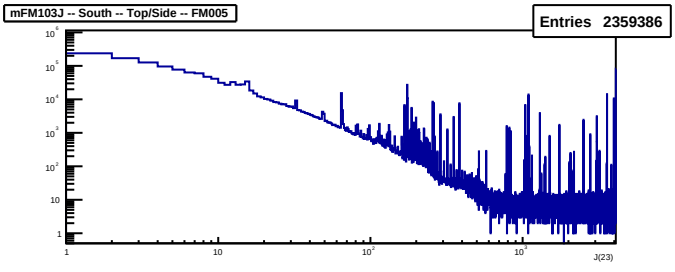
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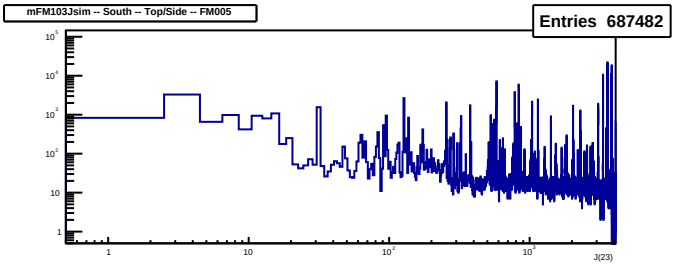
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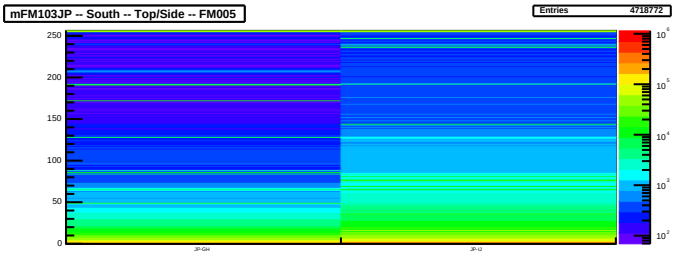
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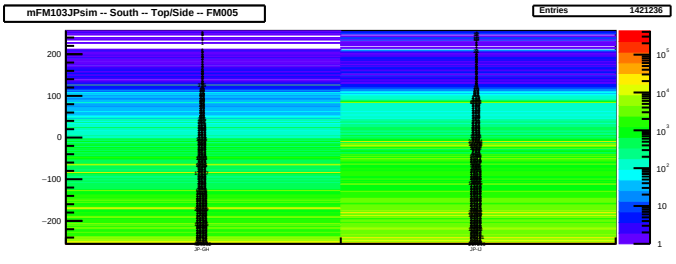
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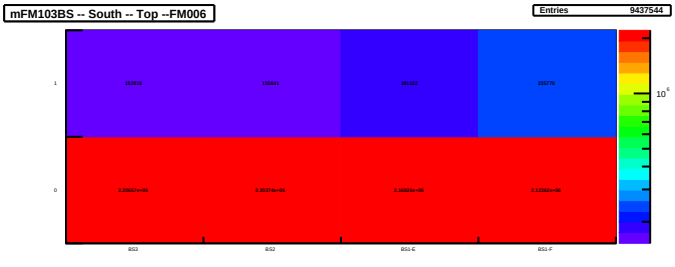
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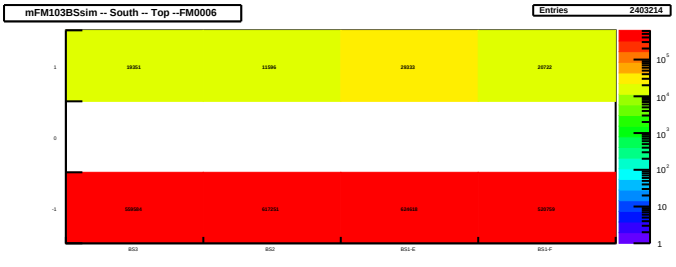
Entries 9437544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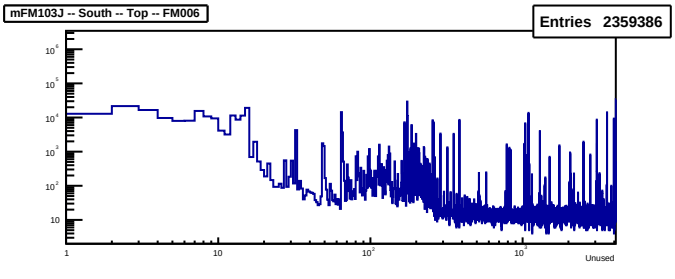
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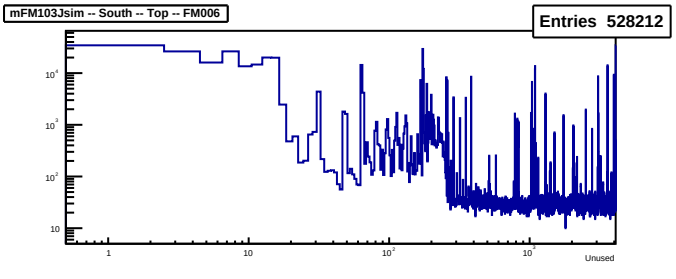
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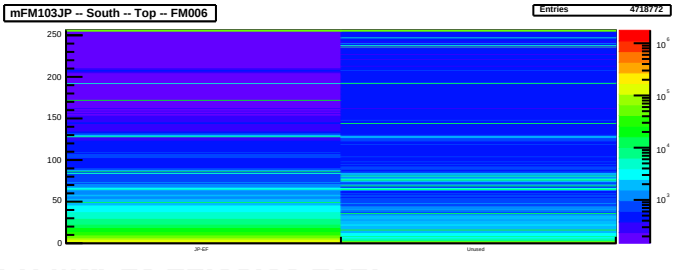
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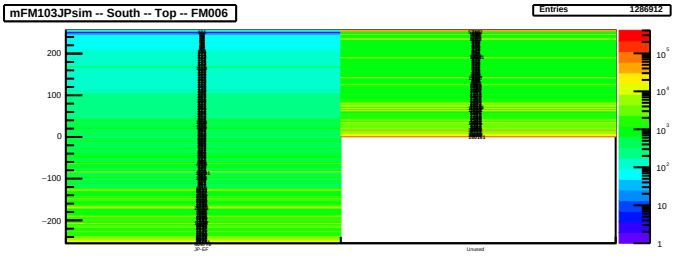
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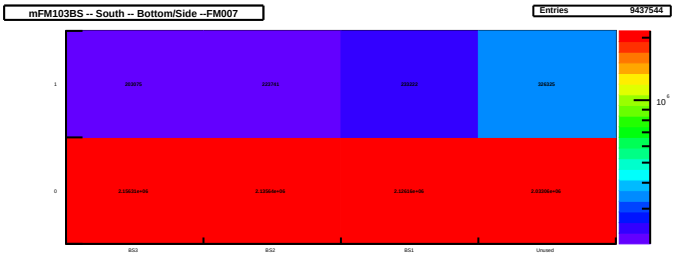
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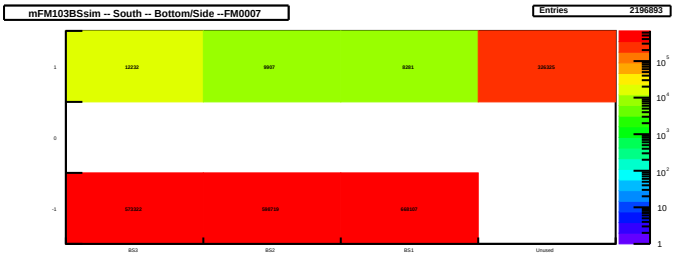
Entries 9437544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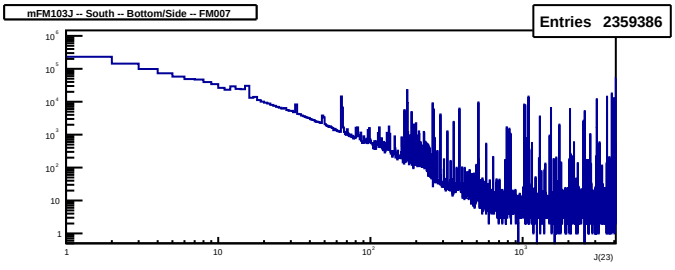
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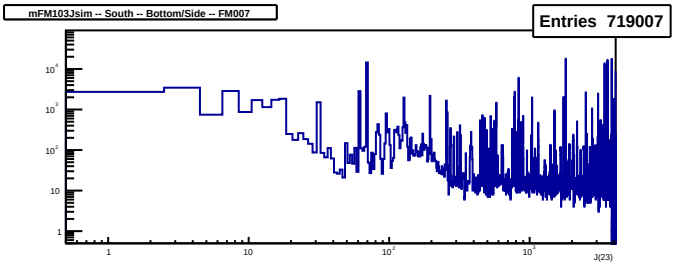
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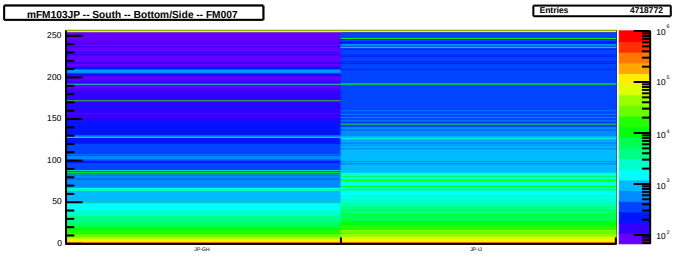
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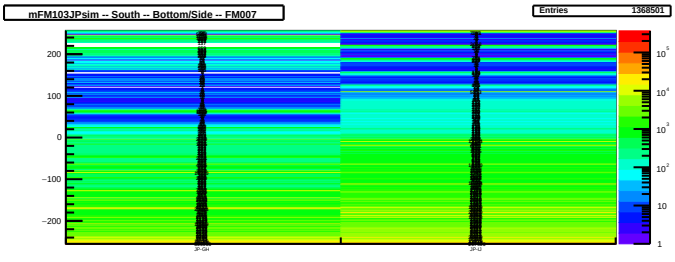
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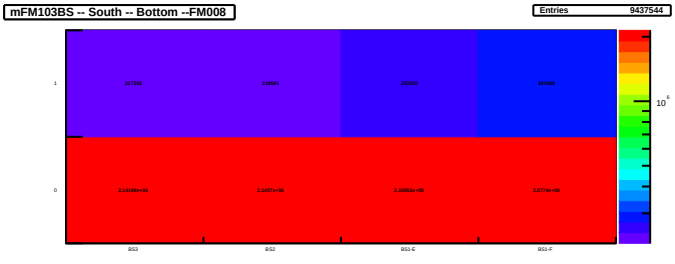
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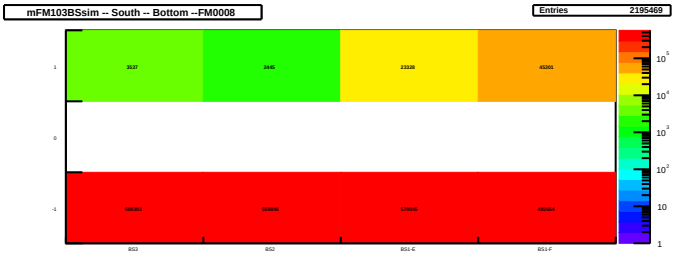
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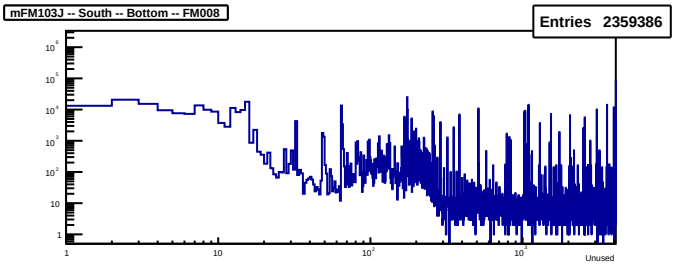
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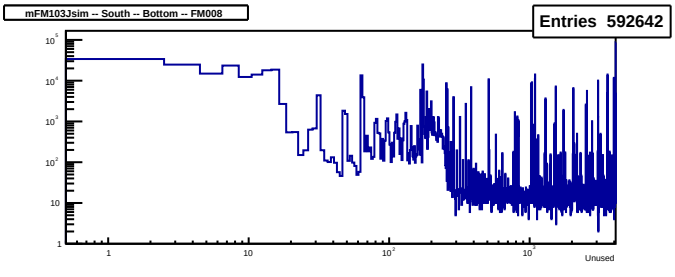
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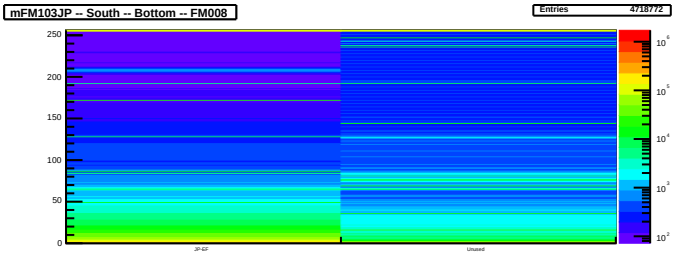
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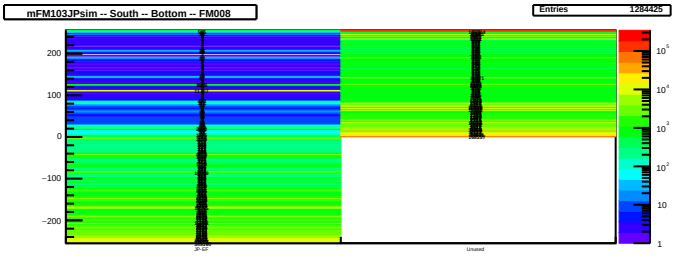
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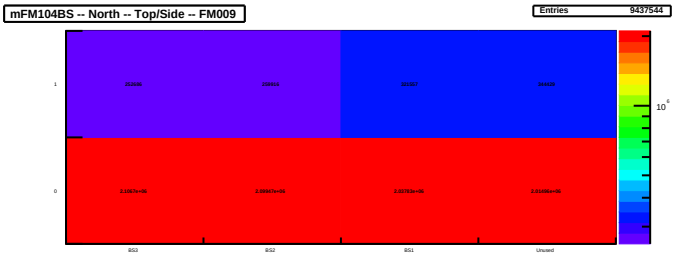
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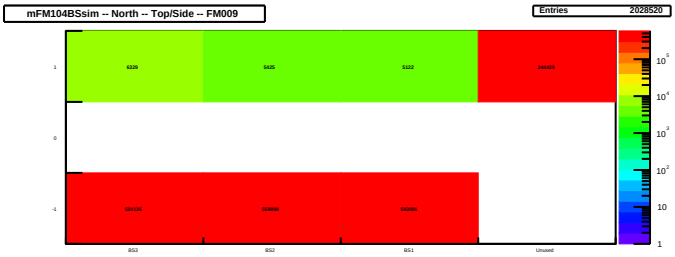
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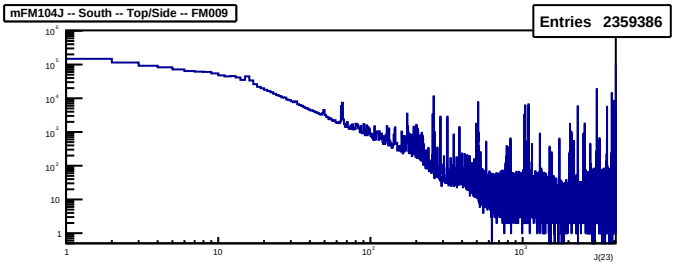
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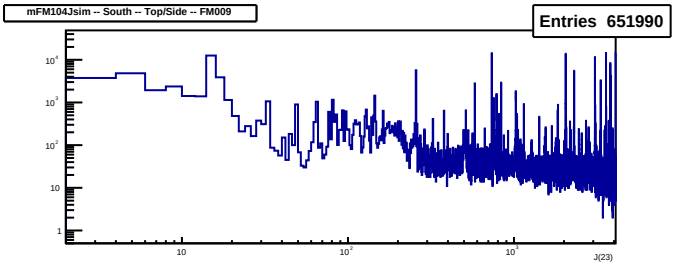
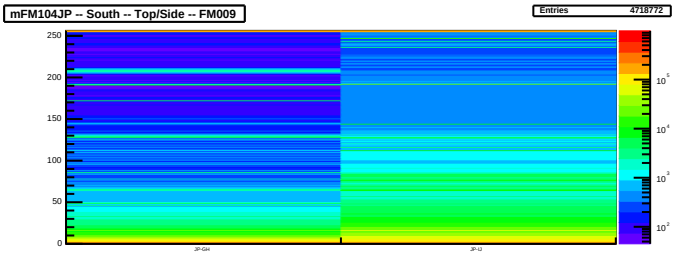
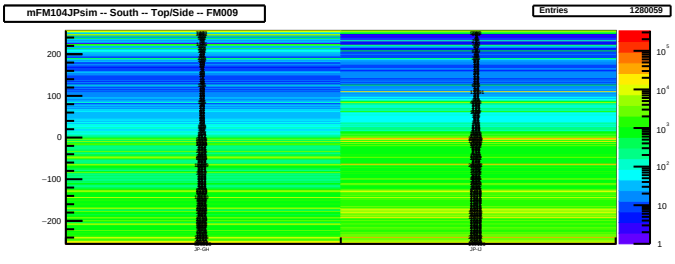
Entries 2359386
J(23)


mFM104Jsim -- South -- Top/Side -- FM009
Entries 651990
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 4718772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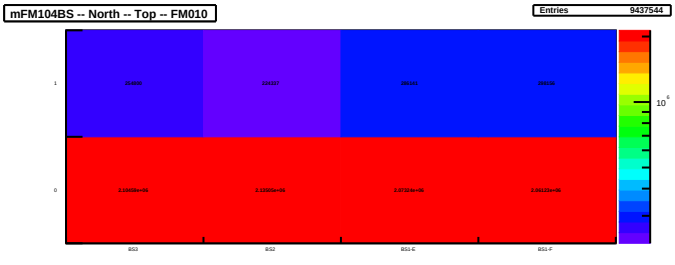
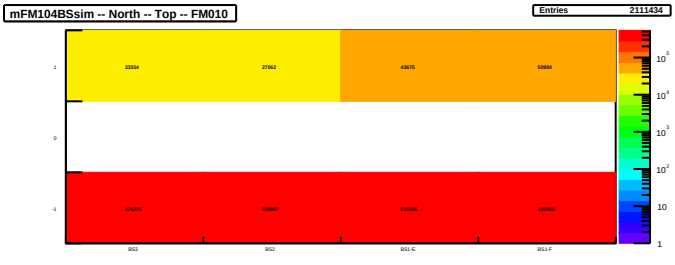
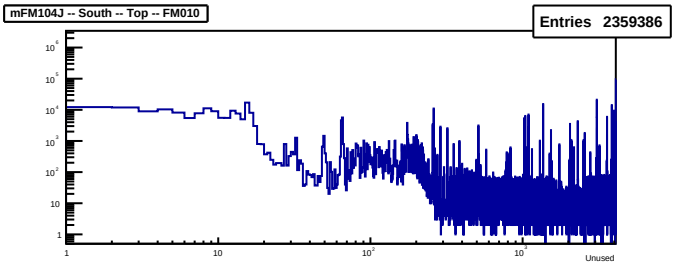
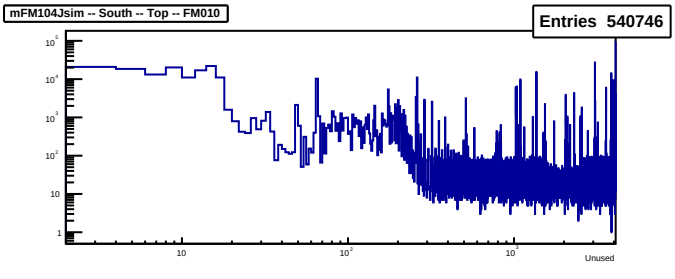
Entries 1280059


mFM104BS -- North -- Top -- FM010
Entries 9437544


mFM104BSsim -- North -- Top -- FM010
Entries 2111434


mFM104J -- South -- Top -- FM010
Entries 2359386
Unused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Entries 540746
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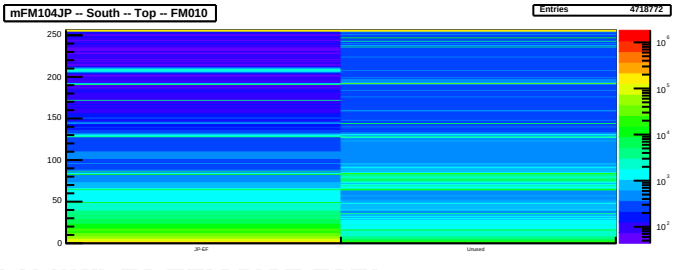
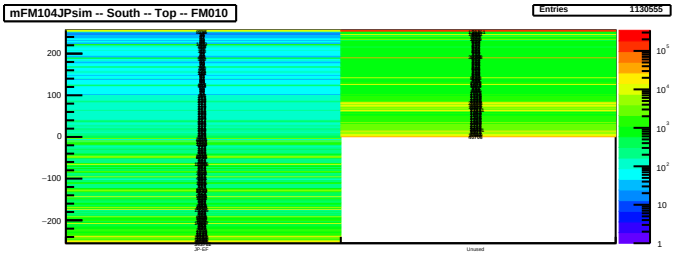
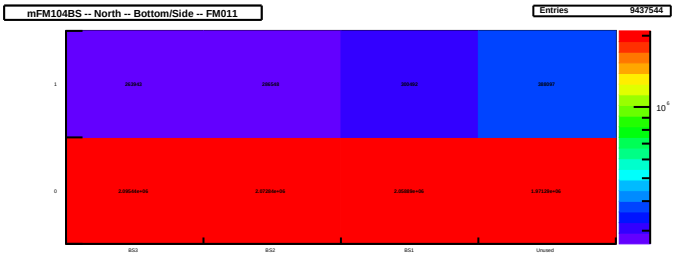
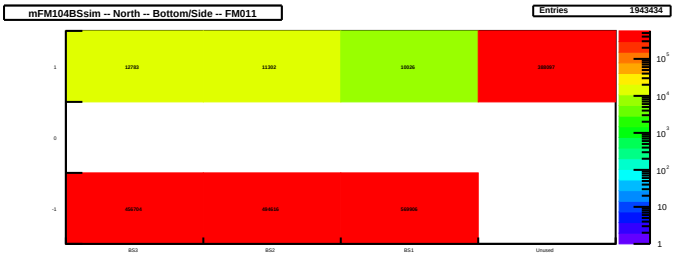
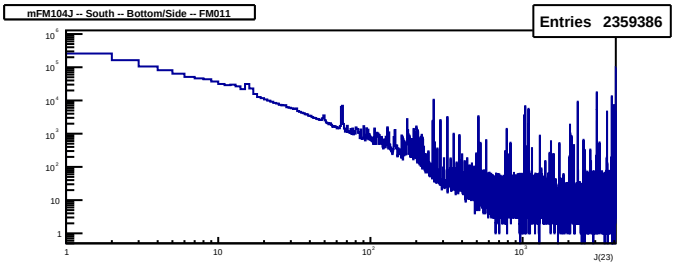
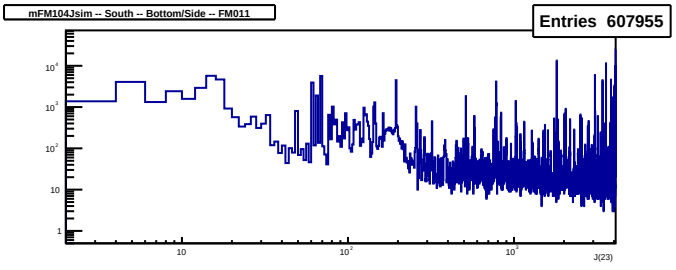

mFM104JP -- South -- Top -- FM010
Entries 4718772

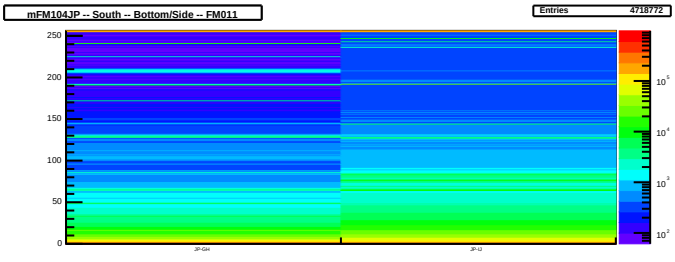

mFM104JPsim -- South -- Top -- FM010
Entries 1130555

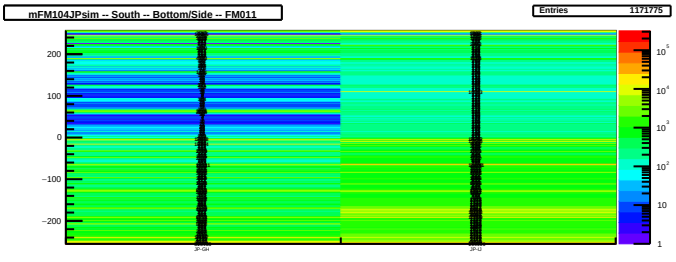

mFM104BS -- North -- Bottom/Side -- FM011
Entries 9437544

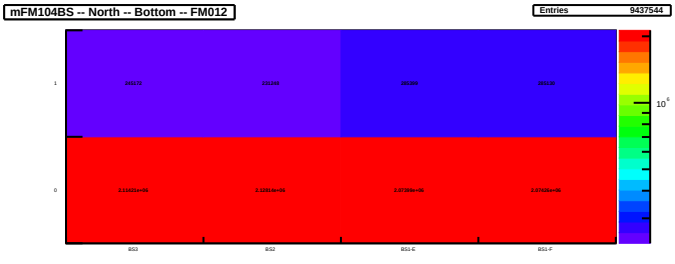

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 1943434

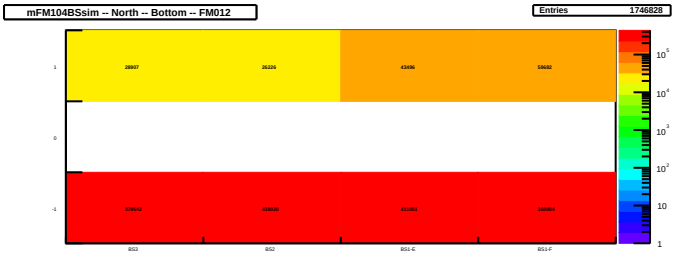

mFM104J -- South -- Bottom/Side -- FM011
Entries 2359386
J(23)

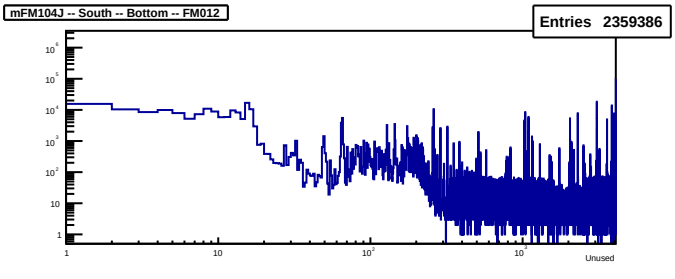

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 607955
J(23)

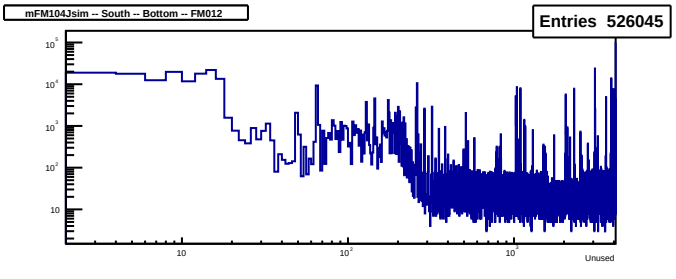

mFM104JP -- South -- Bottom/Side -- FM011
Entries 4718772

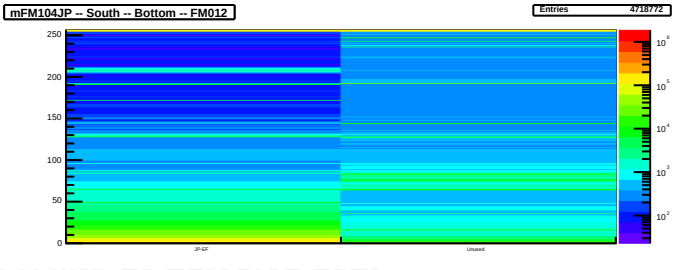

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1171775

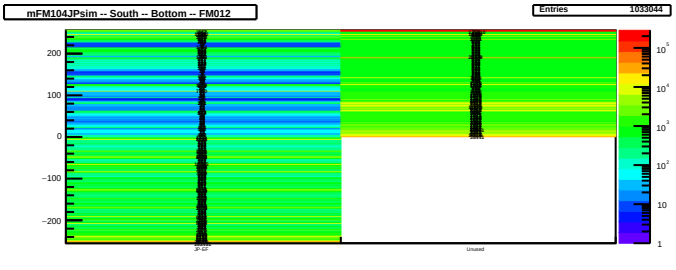

mFM104BS -- North -- Bottom -- FM012
Entries 9437544

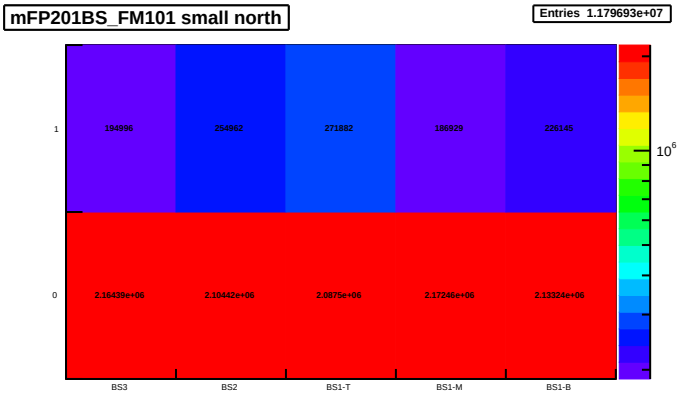

mFM104BSsim -- North -- Bottom -- FM012
Entries 1746828

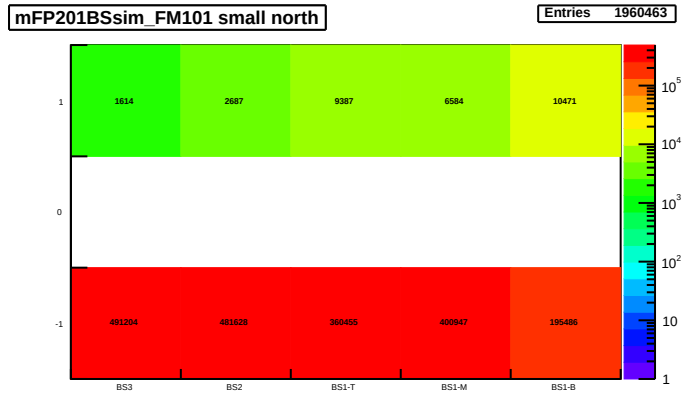

mFM104J -- South -- Bottom -- FM012
Entries 2359386
Unused

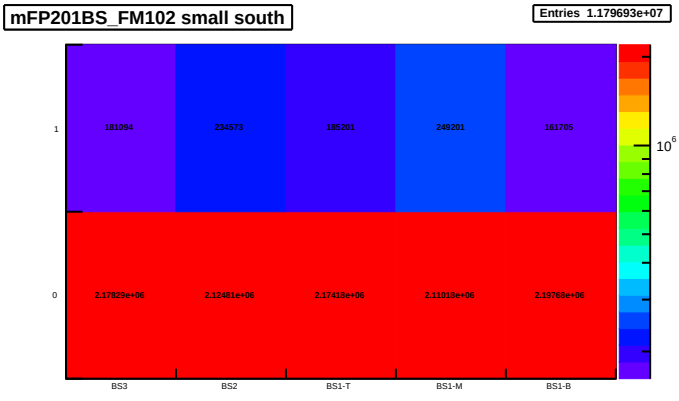

mFM104Jsim -- South -- Bottom -- FM012
Entries 526045
Unused

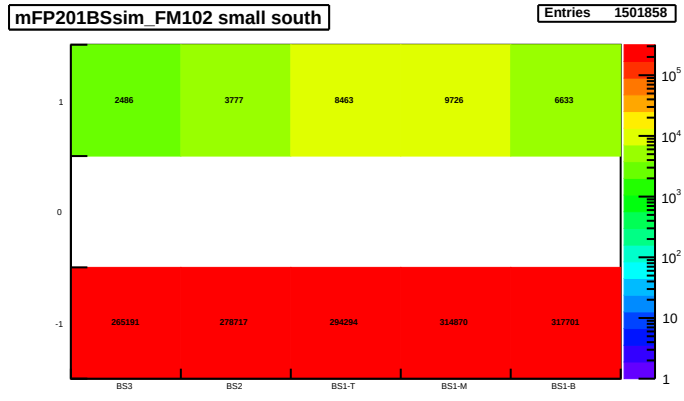

mFM104JP -- South -- Bottom -- FM012
Entries 4718772

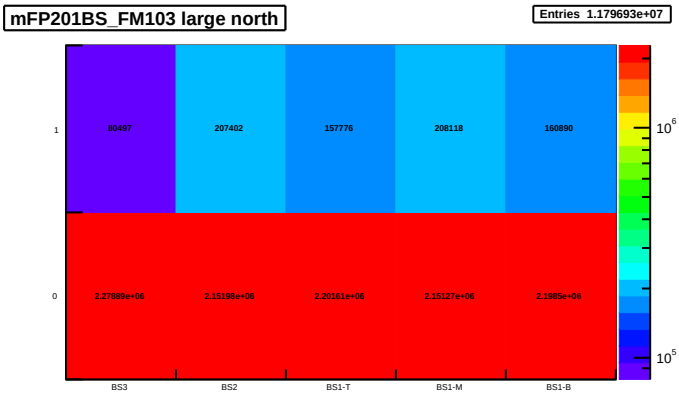

mFM104JPsim -- South -- Bottom -- FM012
Entries 1033044

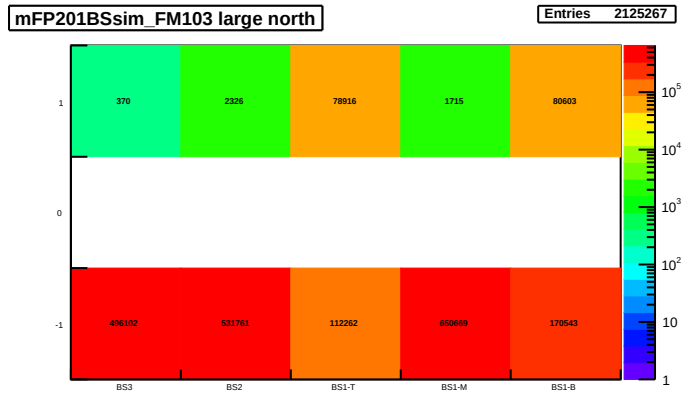

mFP201BS_FM101 small north
Entries 1.179693e+07
194996
254962
271882
186929
226145
2.16439e+06
2.10442e+06
2.0875e+06
2.17246e+06
2.13324e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

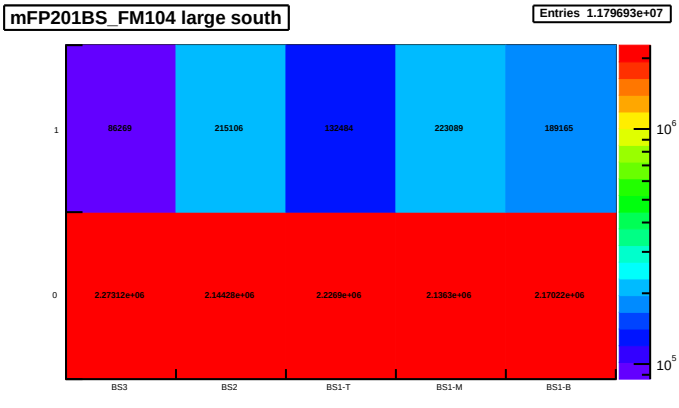

mFP201BSsim_FM101 small north
Entries 1960463
1614
2687
9387
6584
10471
491204
481628
360455
400947
195486
BS3
BS2
BS1-T
BS1-M
BS1-B

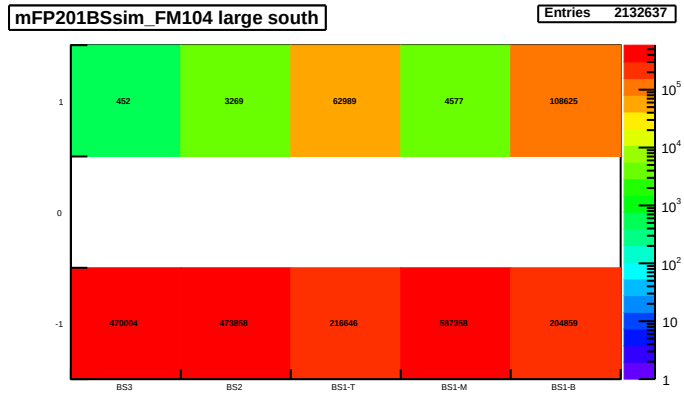

mFP201BS_FM102 small south
Entries 1.179693e+07
181094
234573
185201
249201
161705
2.17829e+06
2.12481e+06
2.17418e+06
2.11018e+06
2.19768e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

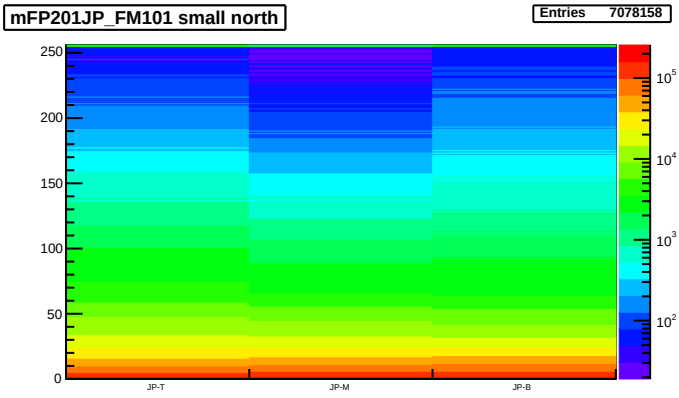

mFP201BSsim_FM102 small south
Entries 1501858
2486
3777
8463
9726
6633
265191
278717
294294
314870
317701
BS3
BS2
BS1-T
BS1-M
BS1-B

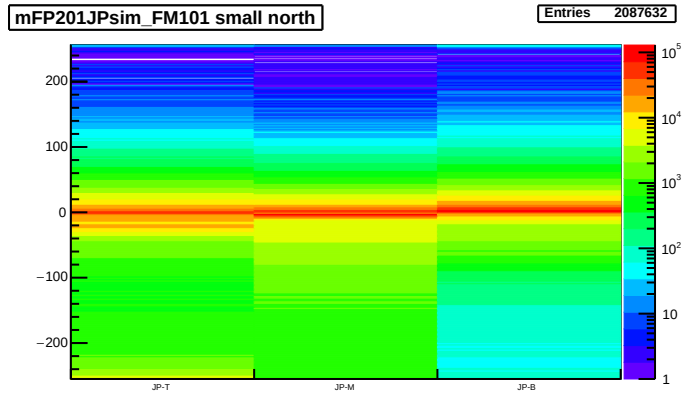

mFP201BS_FM103 large north
Entries 1.179693e+07
80497
207402
157776
208118
160890
2.27889e+06
2.15198e+06
2.20161e+06
2.15127e+06
2.1985e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

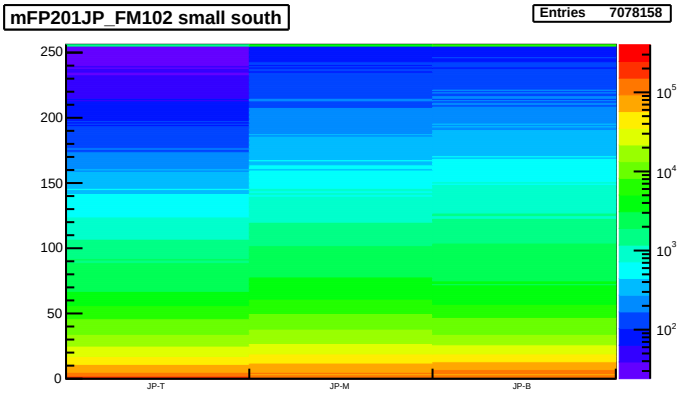

mFP201BSsim_FM103 large north
Entries 2125267
370
2326
78916
1715
80603
496102
531761
112262
650669
170543
BS3
BS2
BS1-T
BS1-M
BS1-B

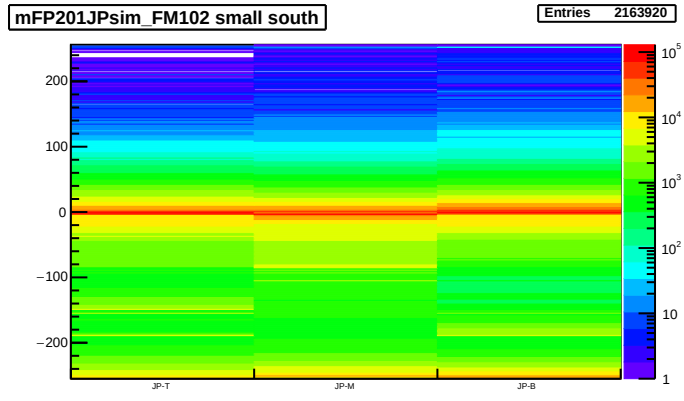

mFP201BS_FM104 large south
Entries 1.179693e+07
86269
215106
132484
223089
189165
2.27312e+06
2.14428e+06
2.2269e+06
2.1363e+06
2.17022e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

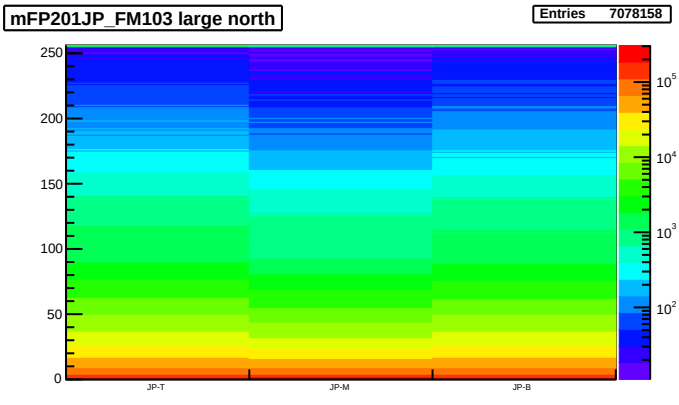

mFP201BSsim_FM104 large south
Entries 2132637
452
3269
62989
4577
108625
470004
473858
216646
587358
204859
BS3
BS2
BS1-T
BS1-M
BS1-B

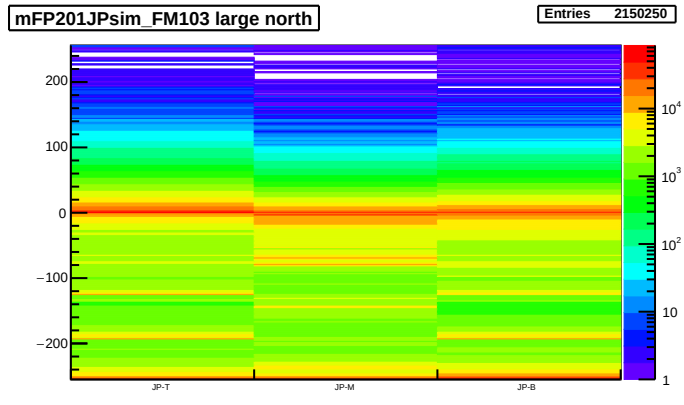

mFP201JP_FM101 small north
Entries 7078158
JP-T
JP-M
JP-B

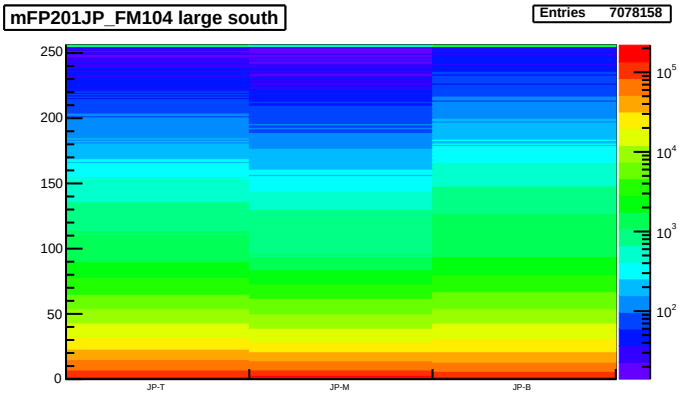

mFP201JPsim_FM101 small north
Entries 2087632
JP-T
JP-M
JP-B

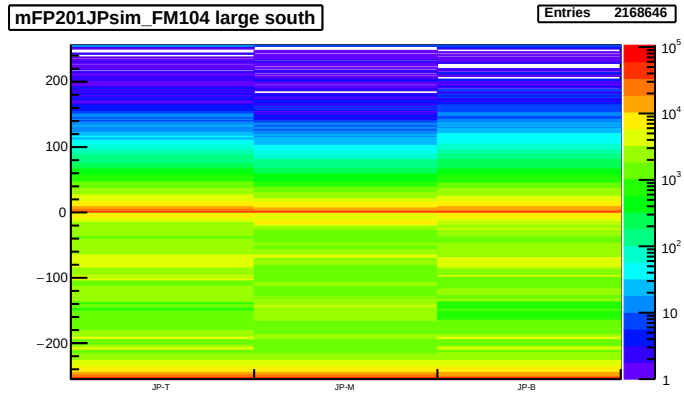

mFP201JP_FM102 small south
Entries 7078158
JP-T
JP-M
JP-B

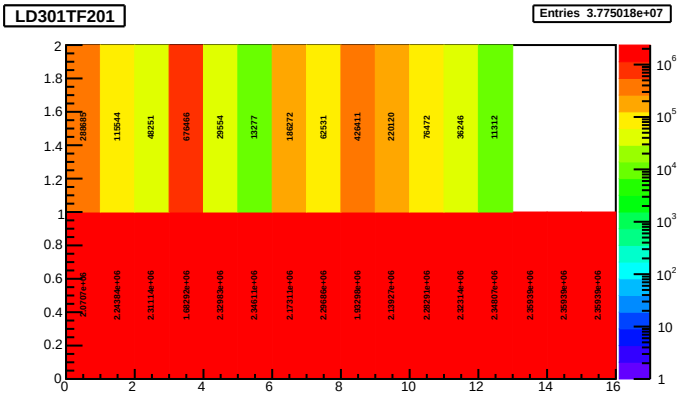

mFP201JPsim_FM102 small south
Entries 2163920
JP-T
JP-M
JP-B

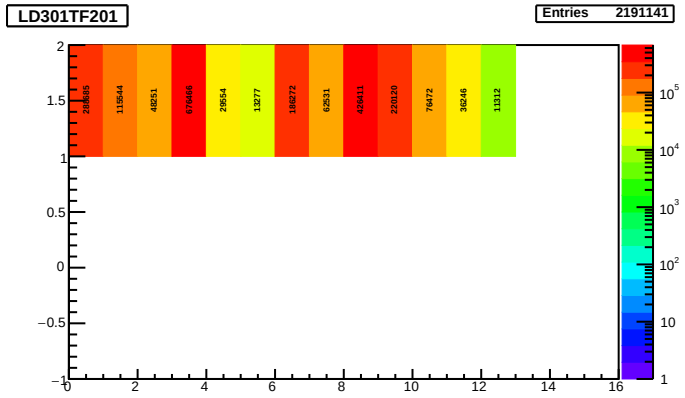

mFP201JP_FM103 large north
Entries 7078158
JP-T
JP-M
JP-B

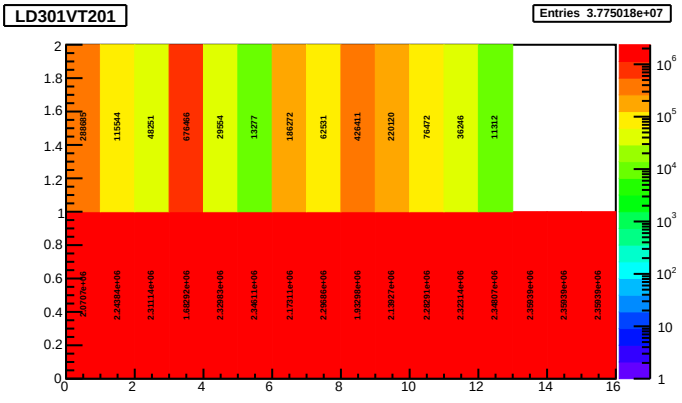

mFP201JPsim_FM103 large north
Entries 2150250
JP-T
JP-M
JP-B

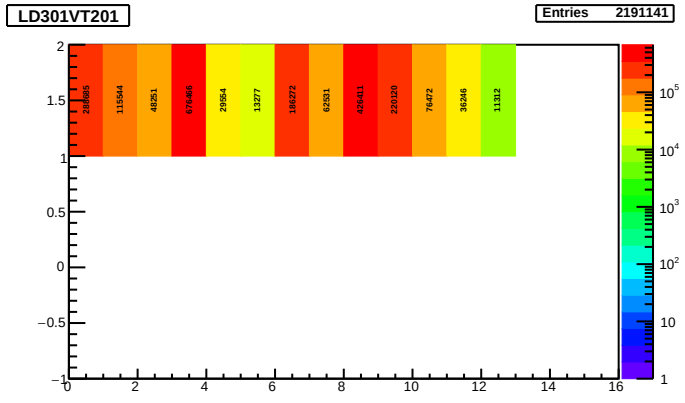

mFP201JP_FM104 large south
Entries 7078158
JP-T
JP-M
JP-B

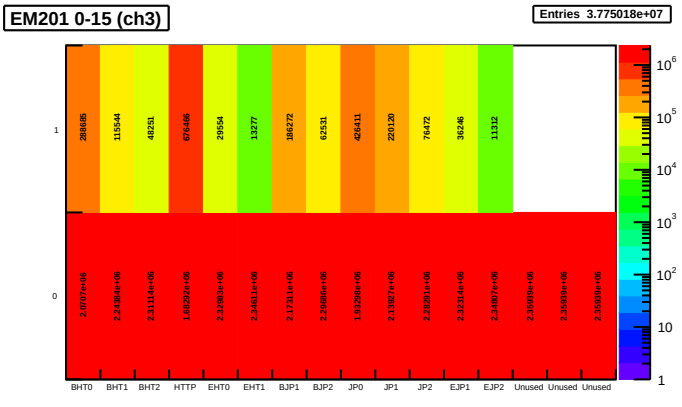

mFP201JPsim_FM104 large south
Entries 2168646
JP-T
JP-M
JP-B

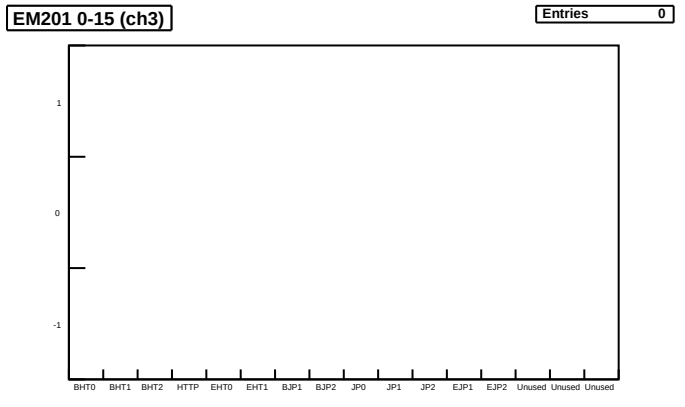

LD301TF201
Entries 3.775018e+07

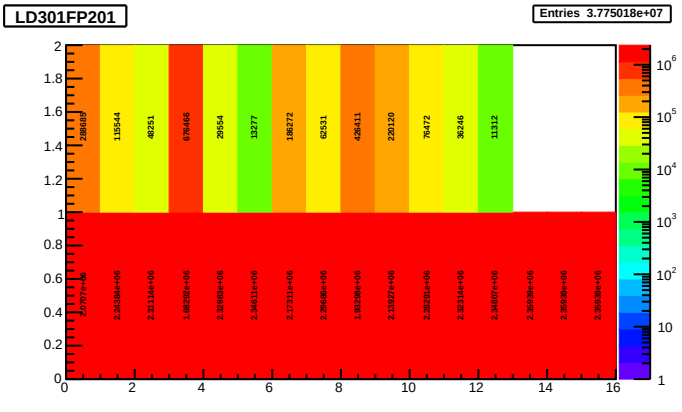

LD301TF201
Entries 2191141

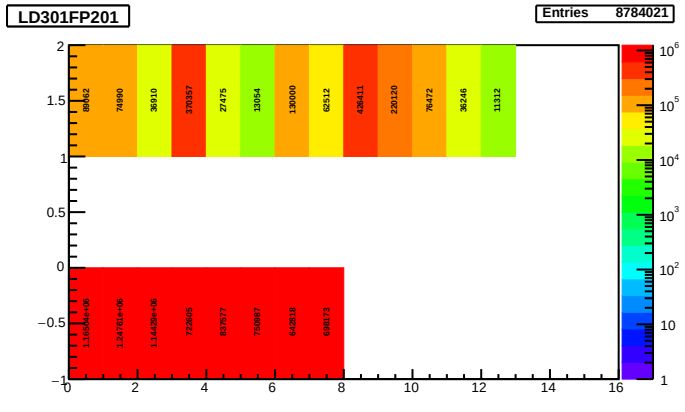

LD301VT201
Entries 3.775018e+07


LD301VT201
Entries 2191141


EM201 0-15 (ch3)
Entries 3.775018e+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 3.775018e+07


LD301FP201
Entries 8784021