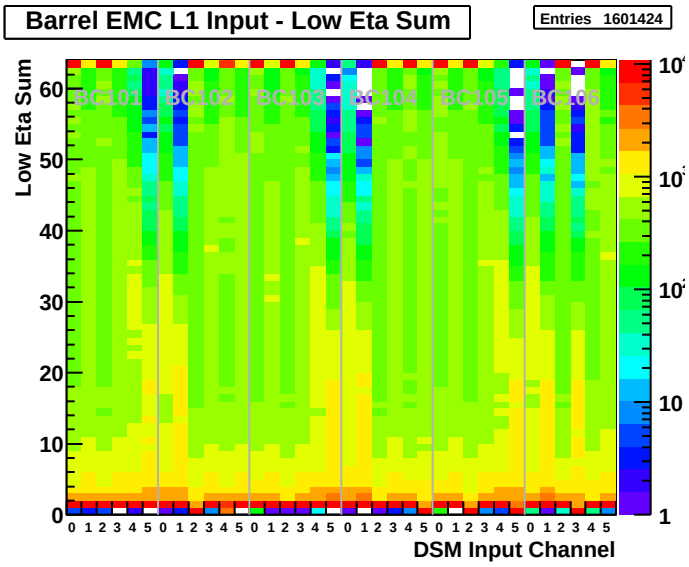
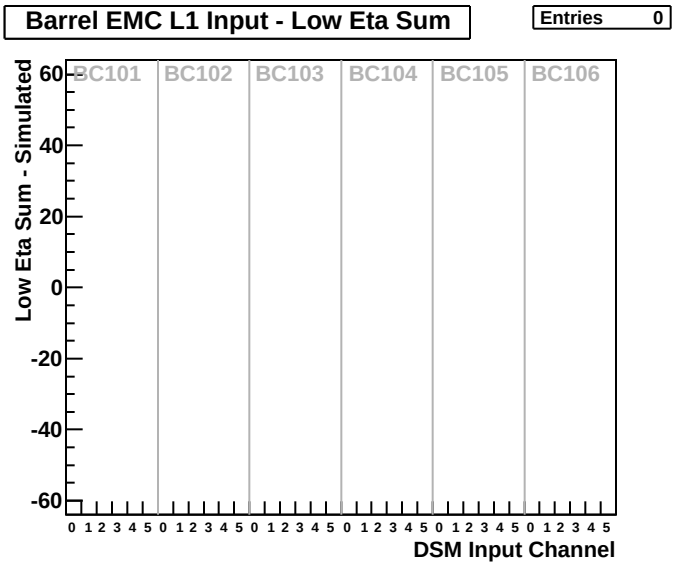
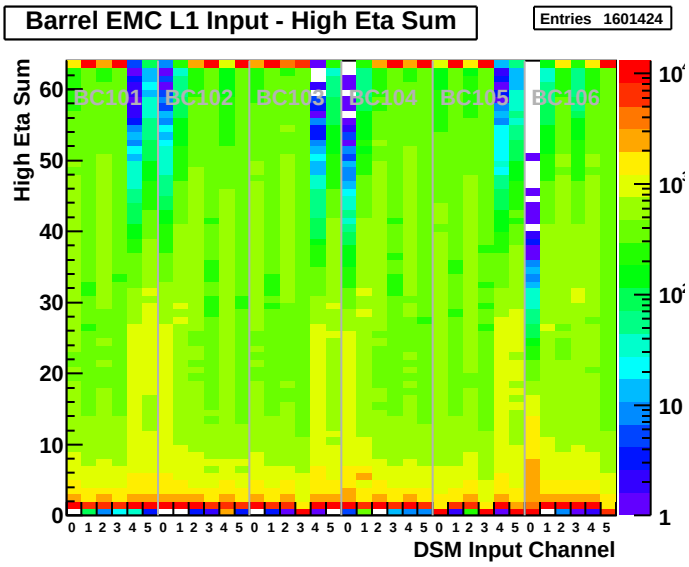
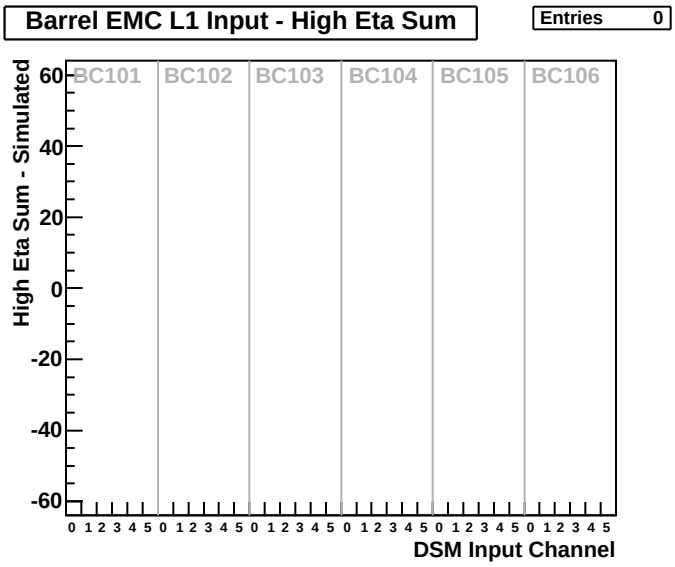
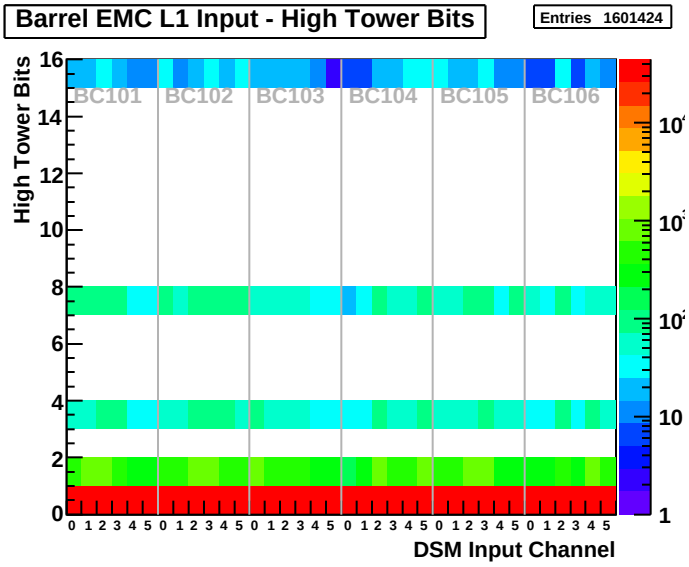
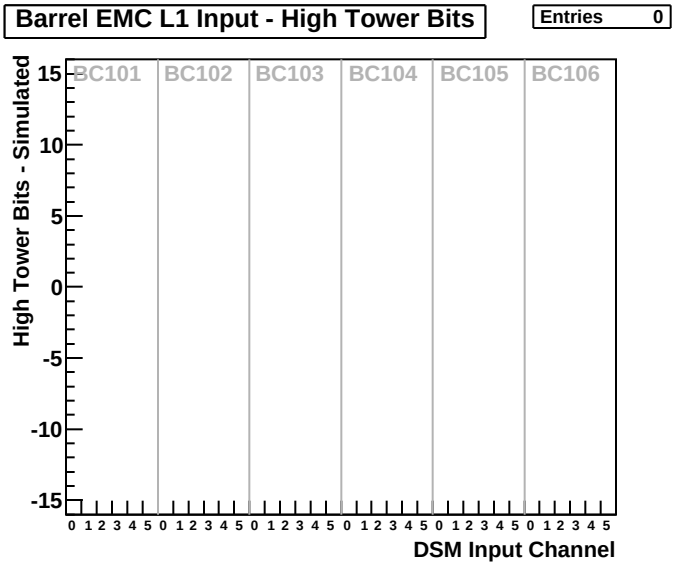

Barrel EMC L1 Input - Low Eta Sum
Entries 1601424
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

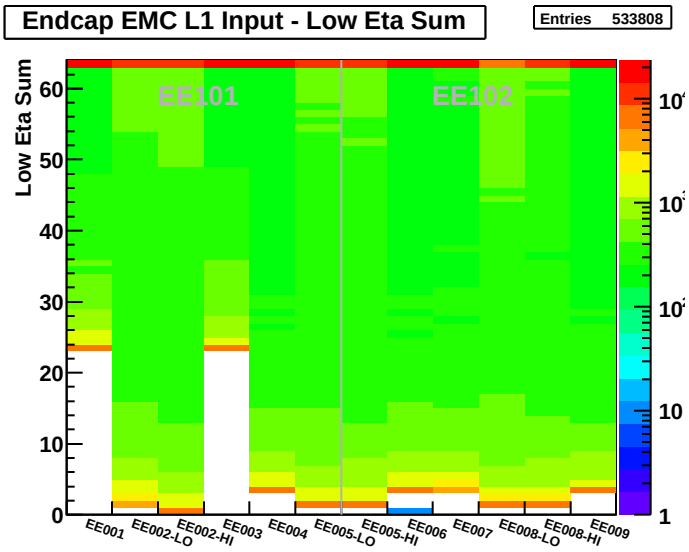

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

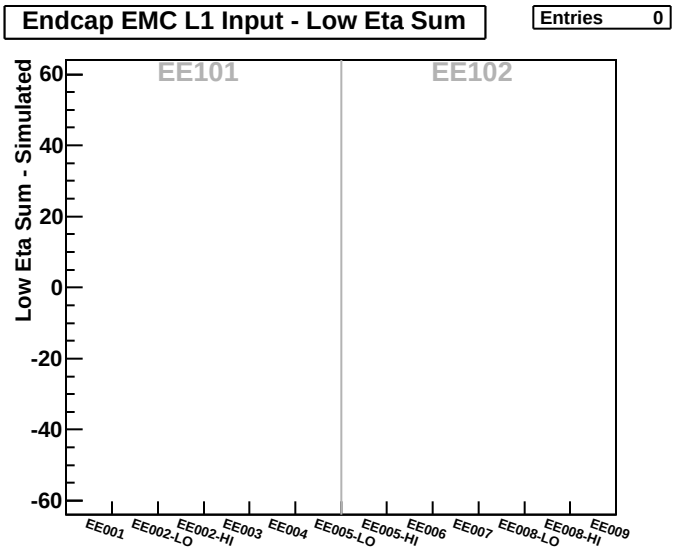

Barrel EMC L1 Input - High Eta Sum
Entries 1601424
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

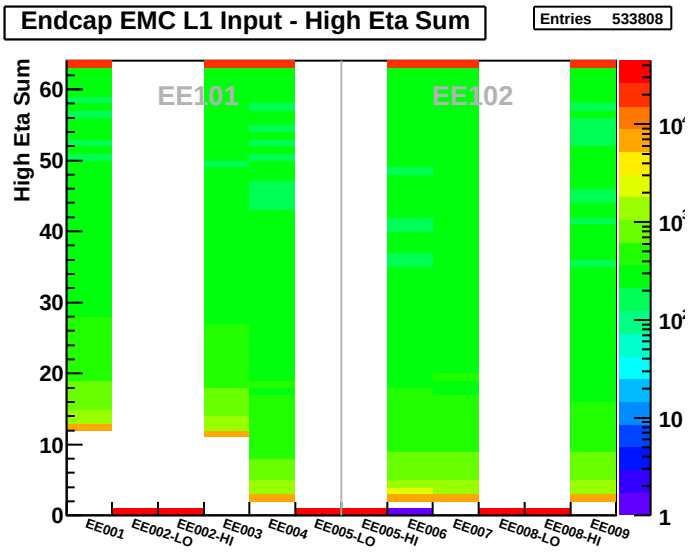

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

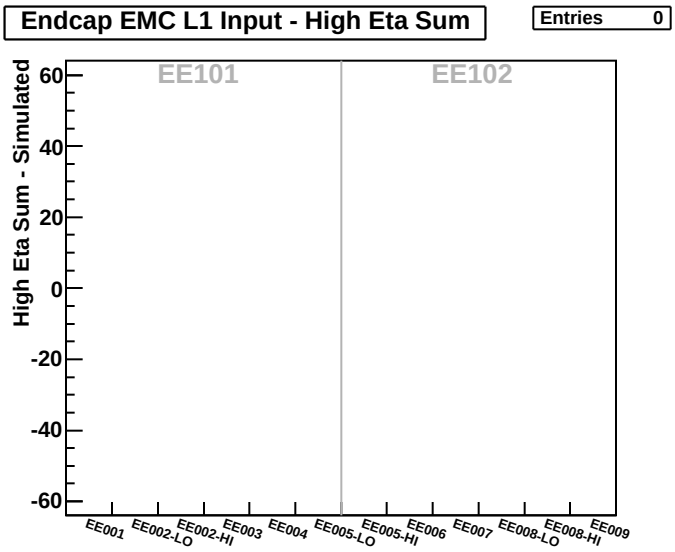

Barrel EMC L1 Input - High Tower Bits
Entries 1601424
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

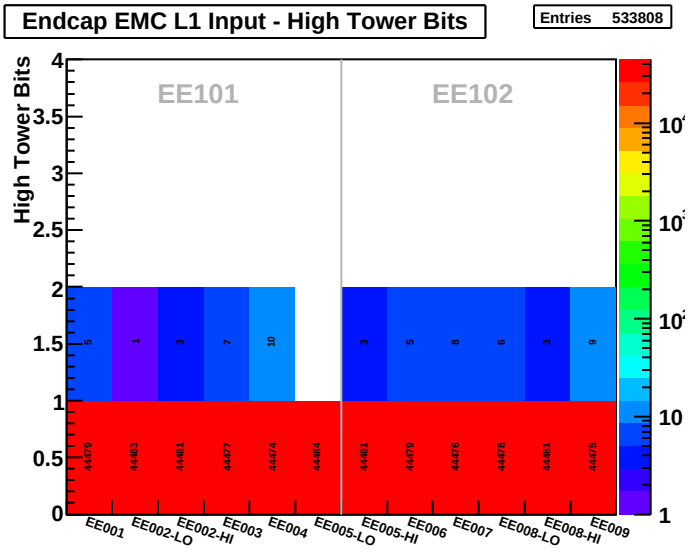

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

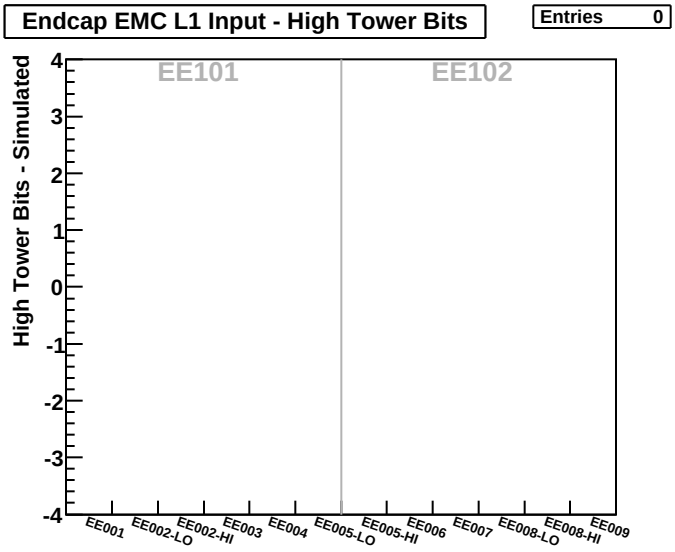

Endcap EMC L1 Input - Low Eta Sum
Entries 533808
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

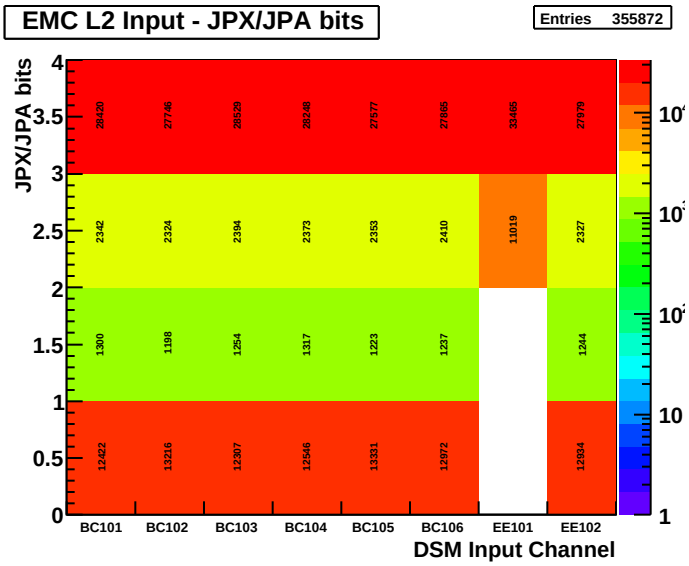

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

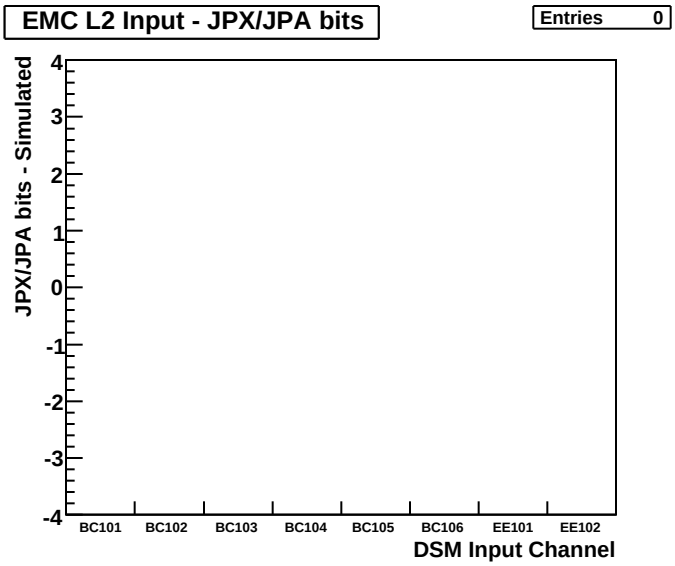

Endcap EMC L1 Input - High Eta Sum
Entries 533808
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

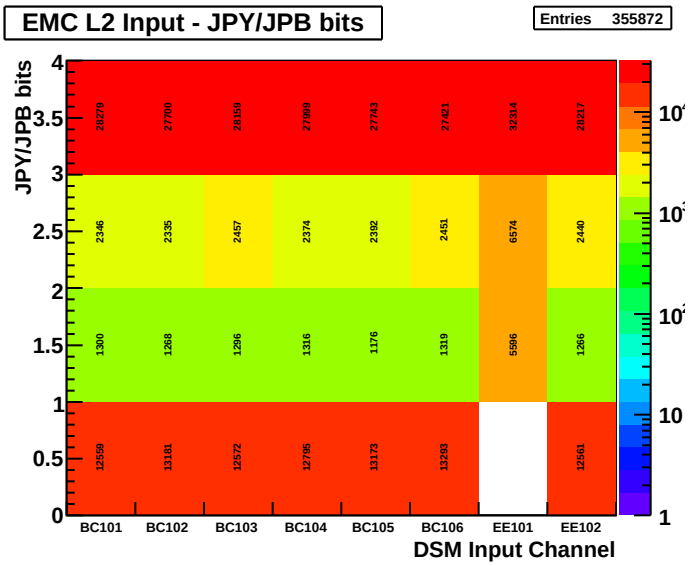

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

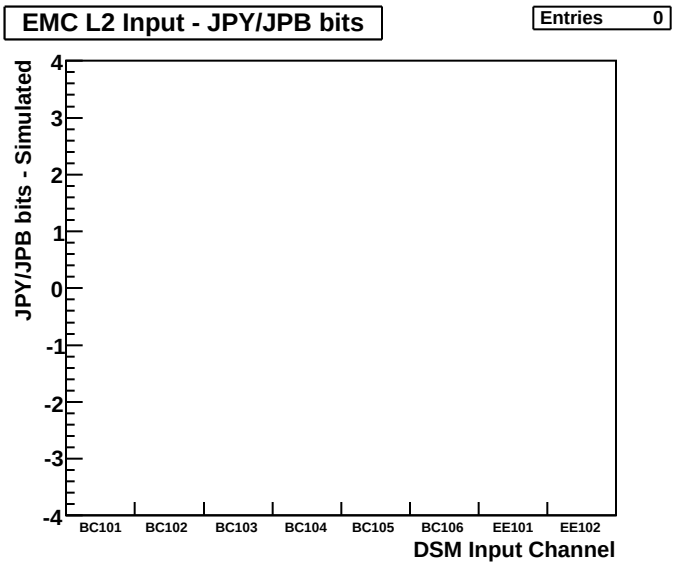

Endcap EMC L1 Input - High Tower Bits
Entries 533808
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

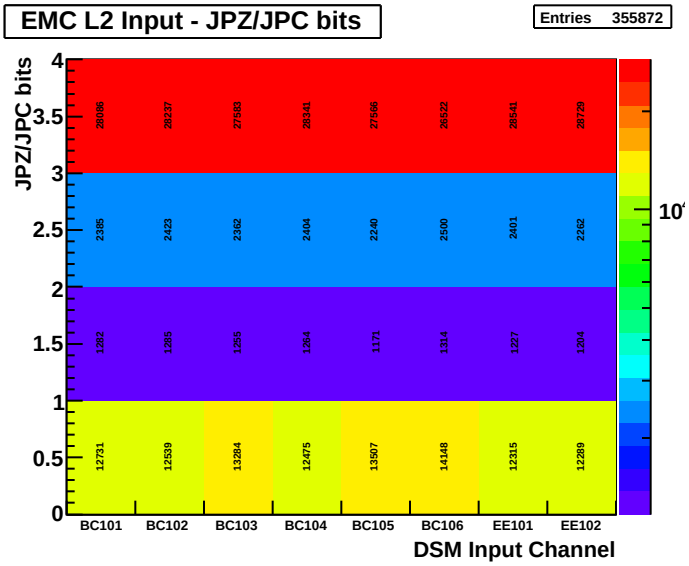

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

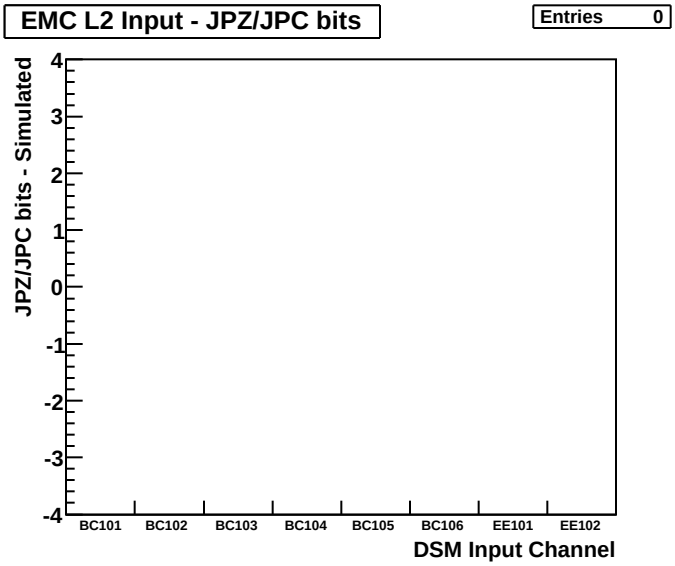

EMC L2 Input - JPX/JPA bits
Entries 355872
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
28420 27746 28529 28248 27577 27865 33465 27979
2342 2324 2394 2373 2353 2410 11019 2327
1300 1198 1254 1317 1223 1237 1244
12422 13216 12307 12546 13331 12972 12934

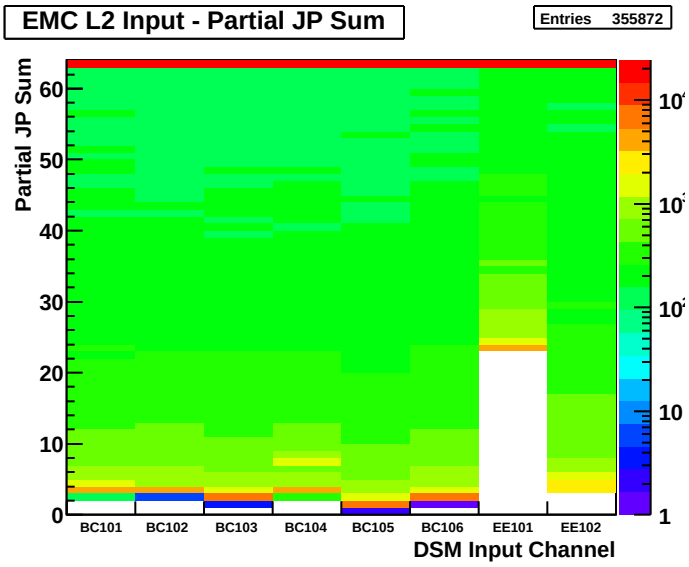

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

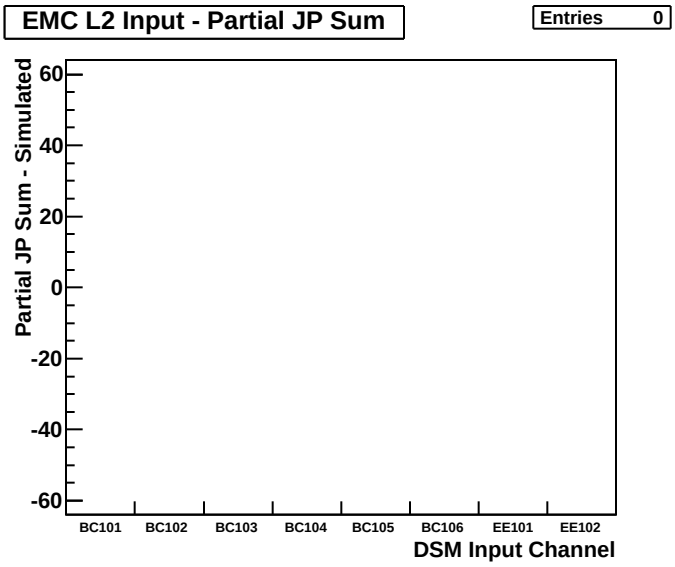

EMC L2 Input - JPY/JPB bits
Entries 355872
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
28279 27700 28159 27989 27743 27421 32314 28217
2346 2335 2457 2374 2392 2451 6574 2440
1300 1268 1296 1316 1176 1319 5596 1266
12559 13181 12572 12795 13173 13293 12561

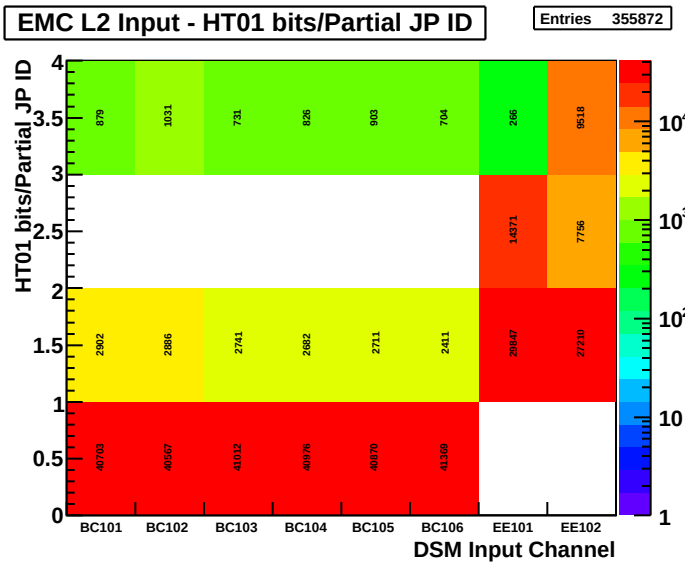

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

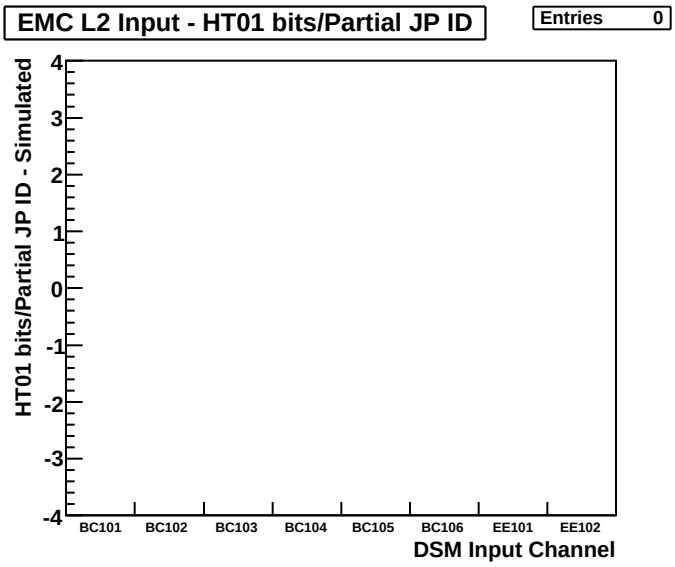

EMC L2 Input - JPZ/JPC bits
Entries 355872
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
28086 28237 27583 28341 27566 28522 28541 28729
2385 2423 2362 2404 2240 2500 2401 2262
1282 1285 1255 1264 1171 1314 1227 1204
12731 12539 13284 12475 13507 14148 12315 12289

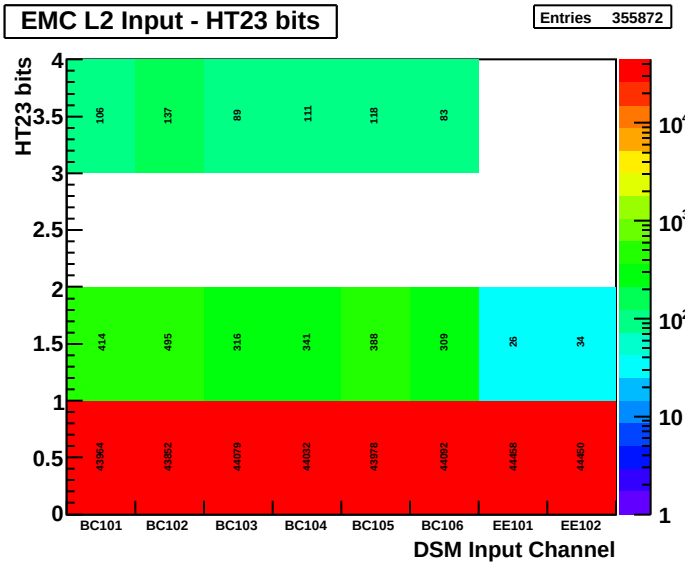

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

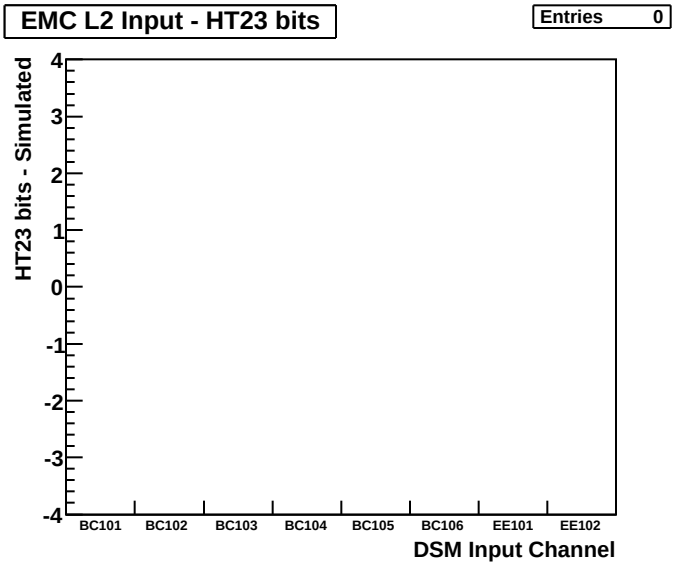

EMC L2 Input - Partial JP Sum
Entries 355872
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

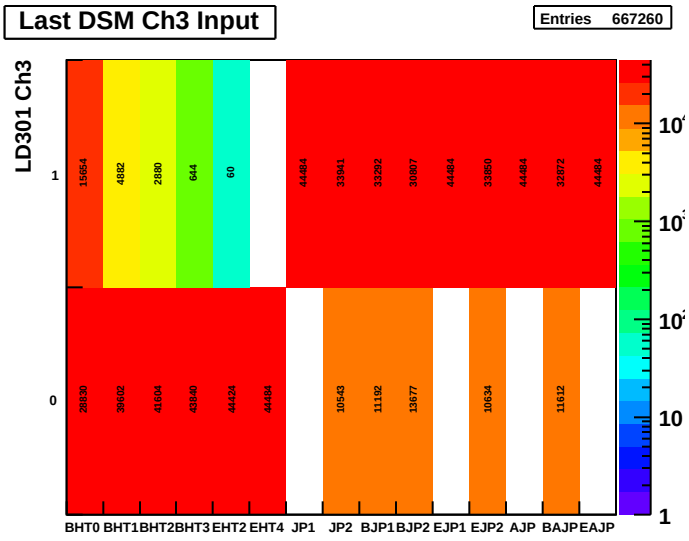

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

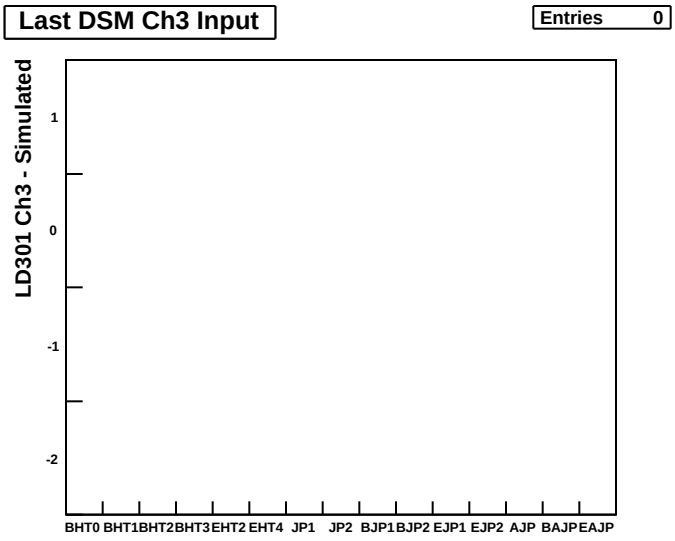

EMC L2 Input - HT01 bits/Partial JP ID
Entries 355872
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

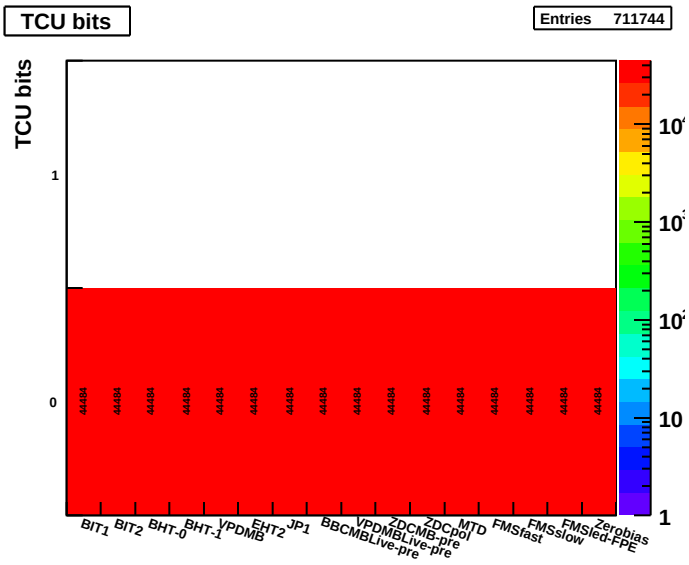

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

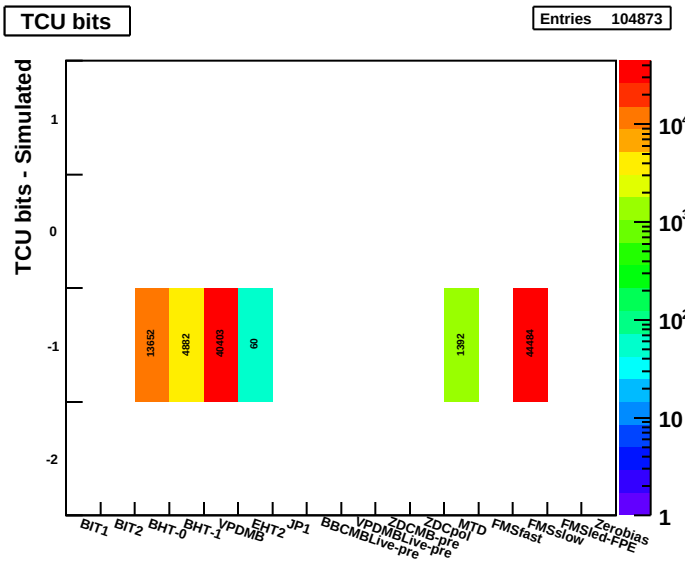

EMC L2 Input - HT23 bits
Entries 355872
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

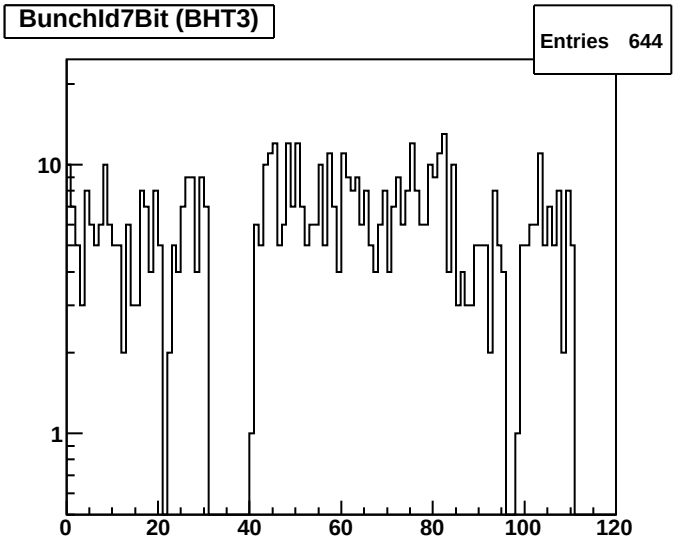

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

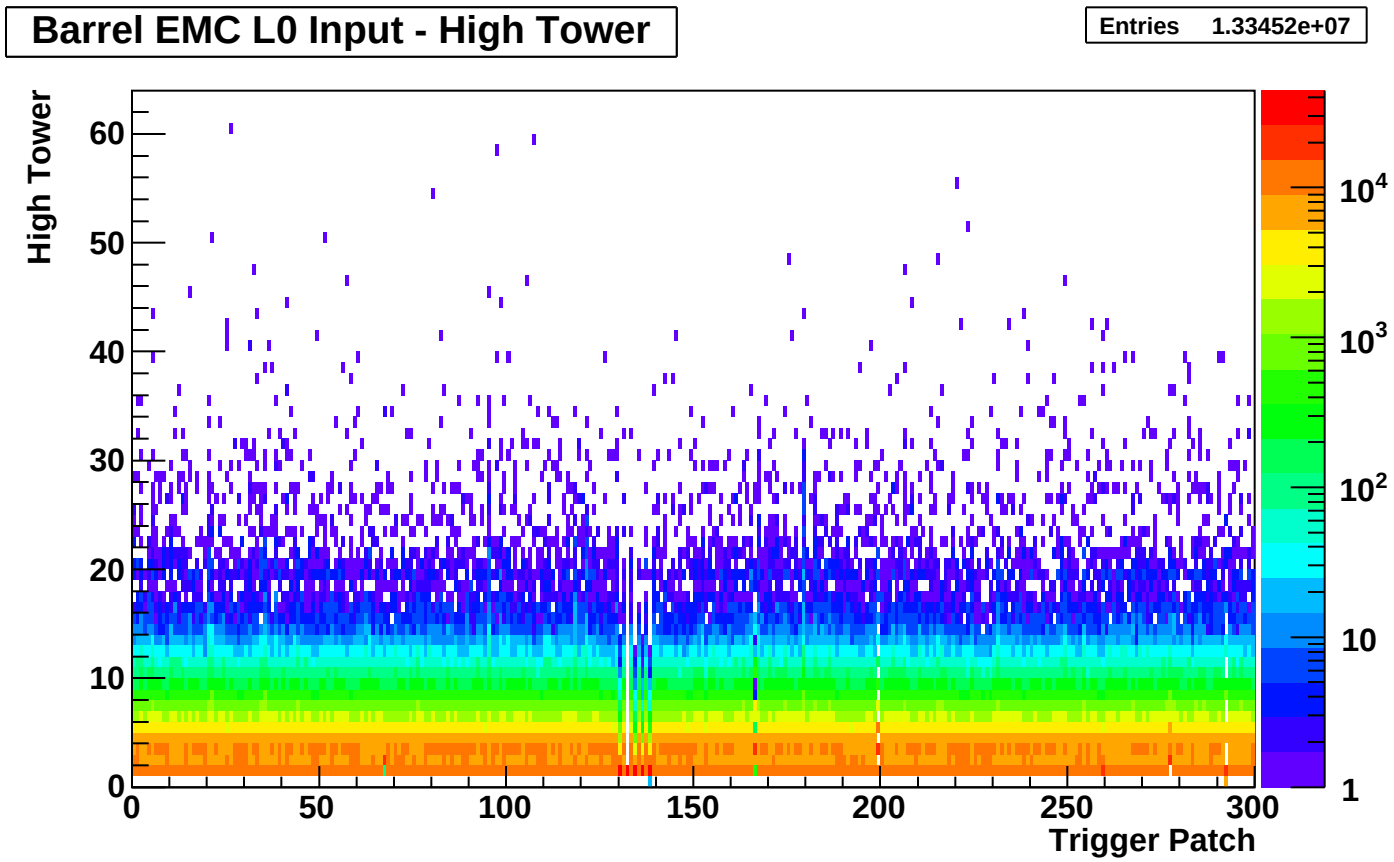

Last DSM Ch3 Input
Entries 667260
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

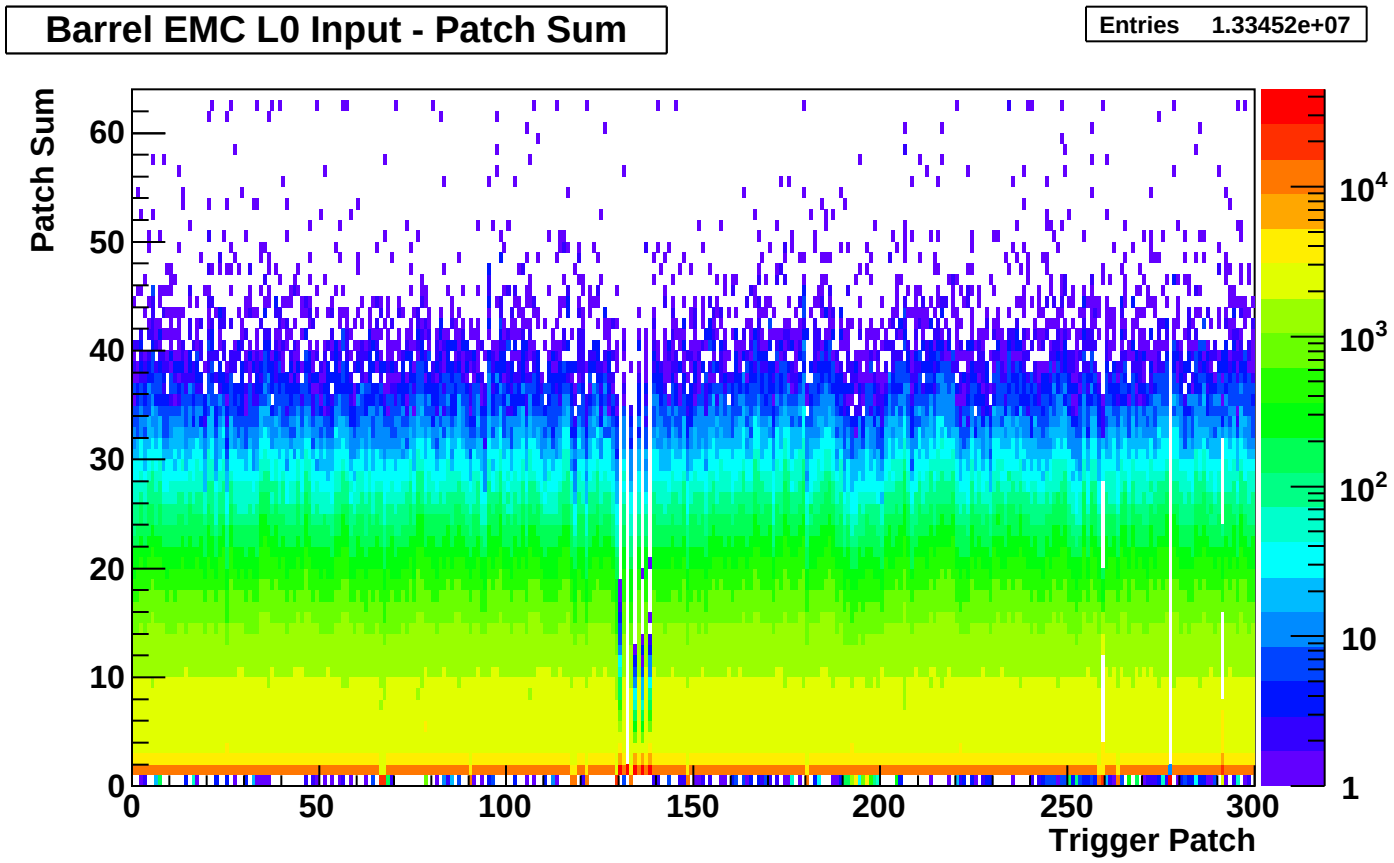

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

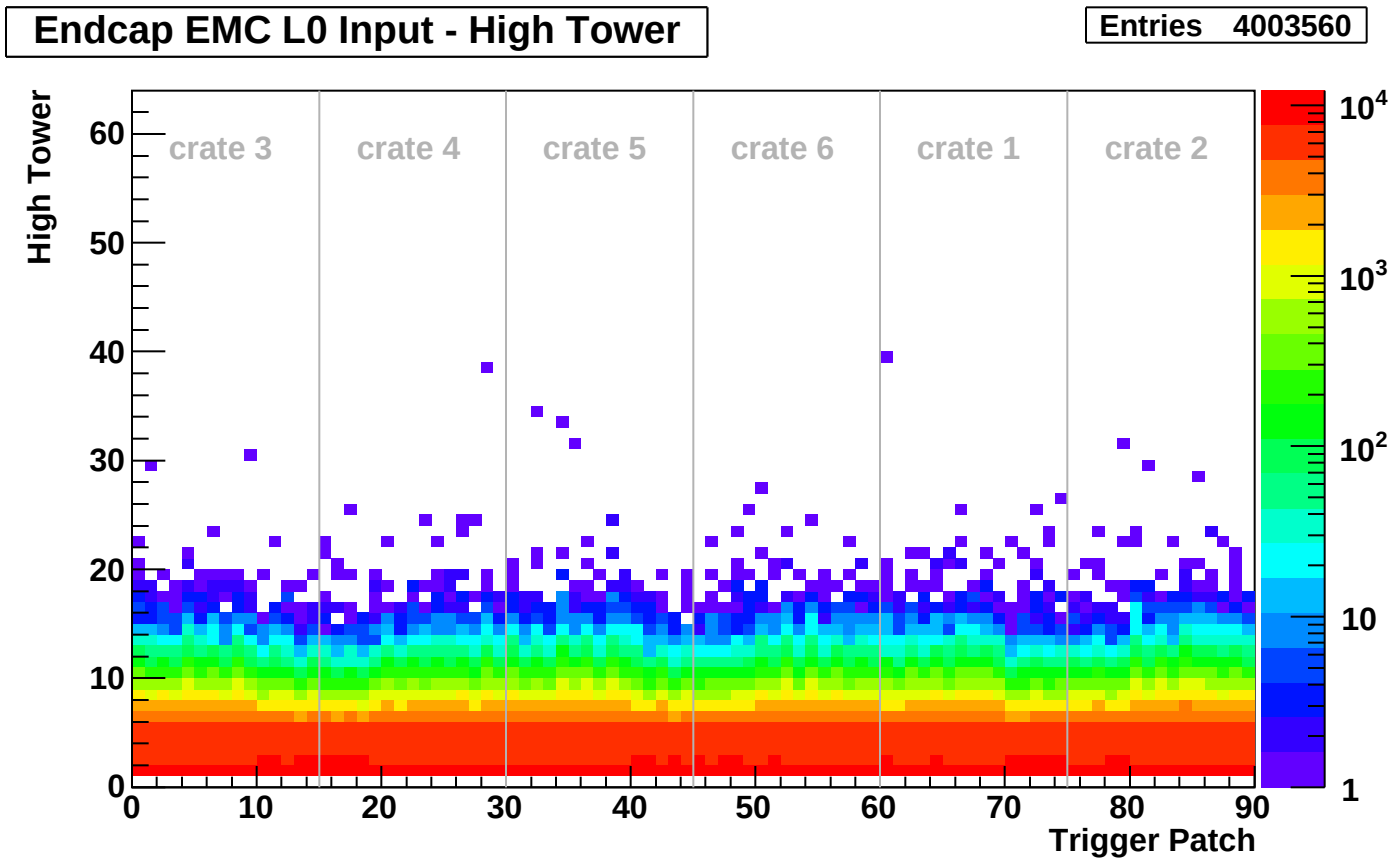

TCU bits
Entries 711744
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

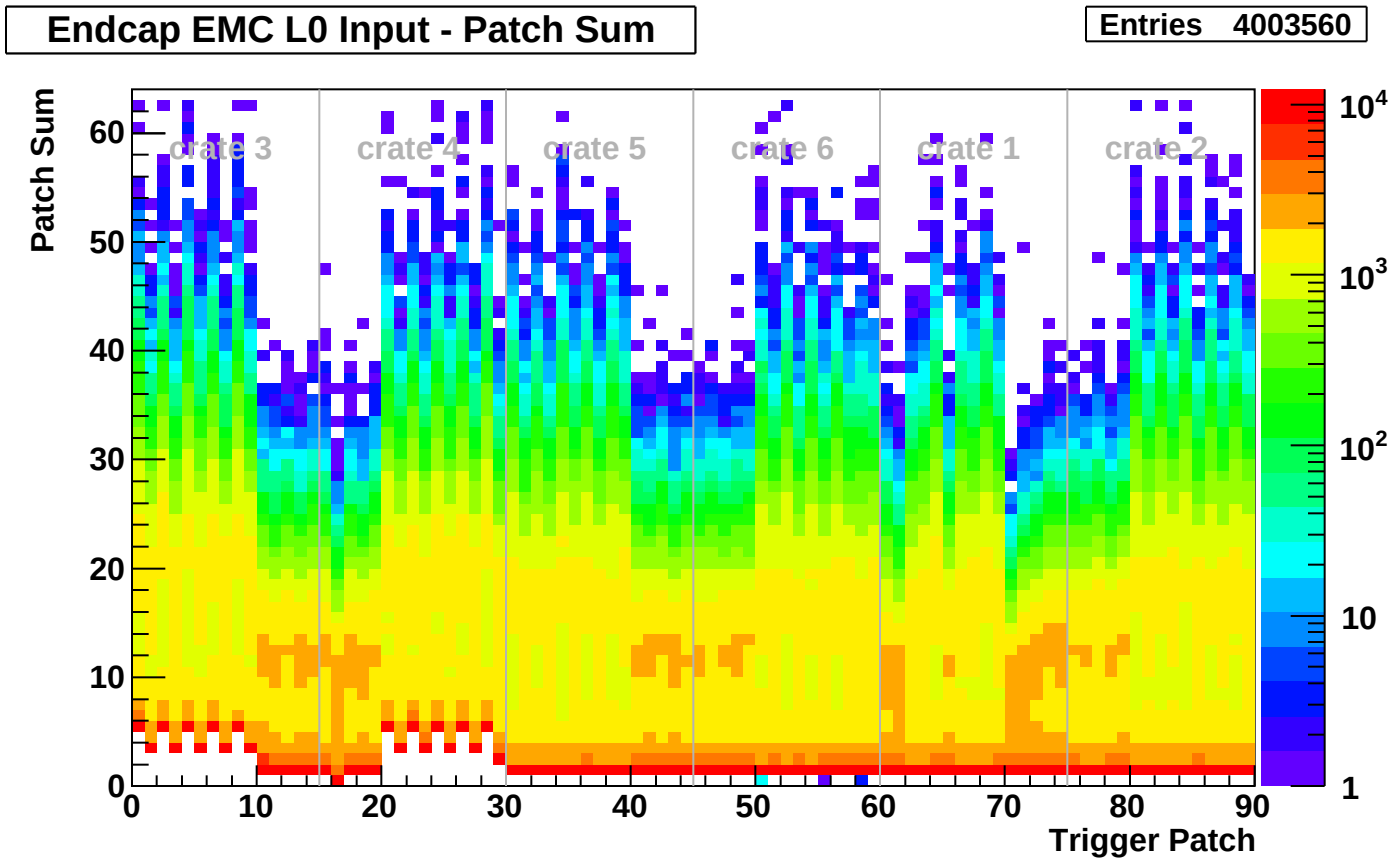

TCU bits
Entries 104873
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

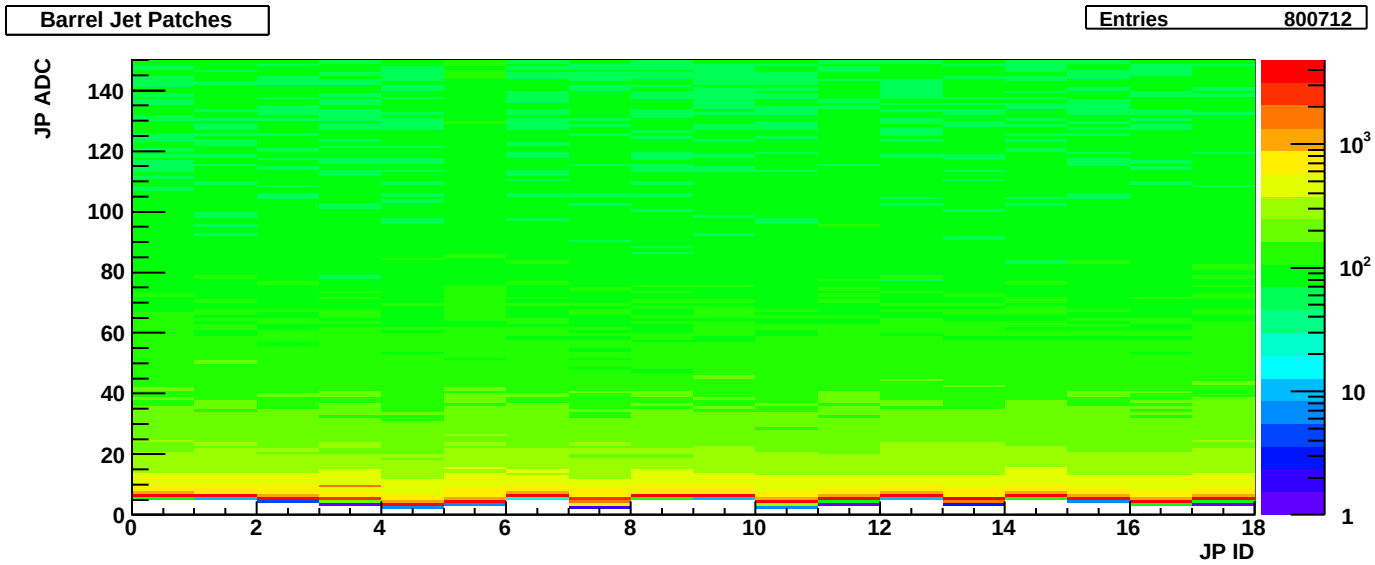

BunchId7Bit (BHT3)
Entries 644

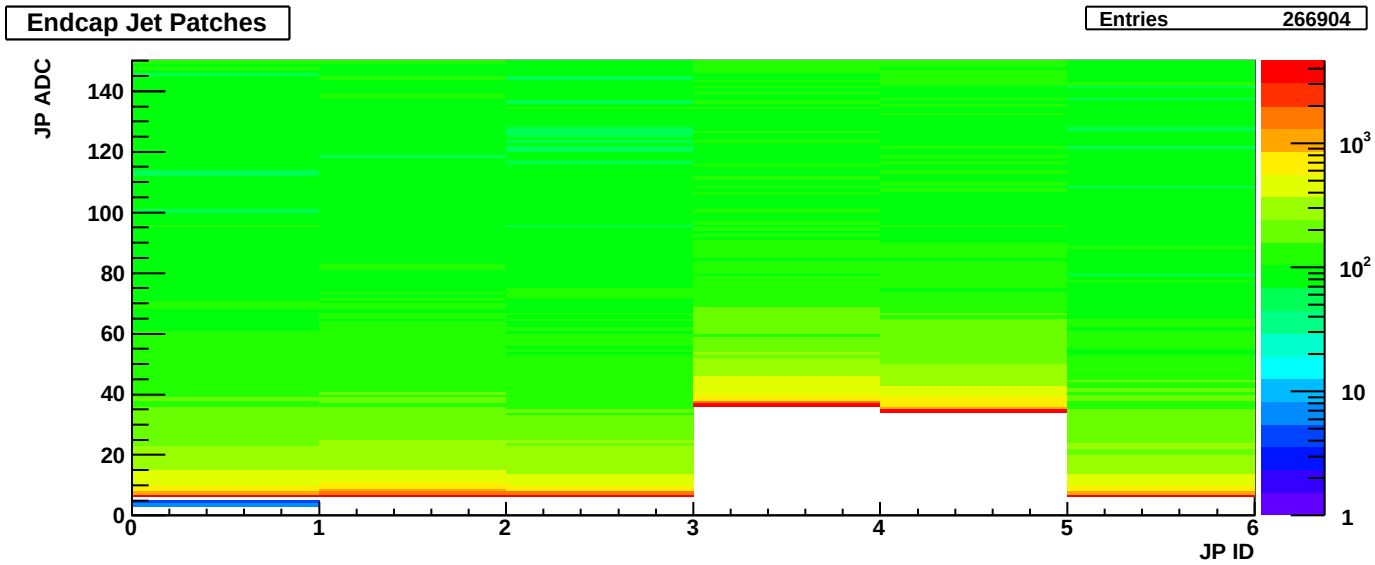

Barrel EMC L0 Input - High Tower
Entries 1.33452e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

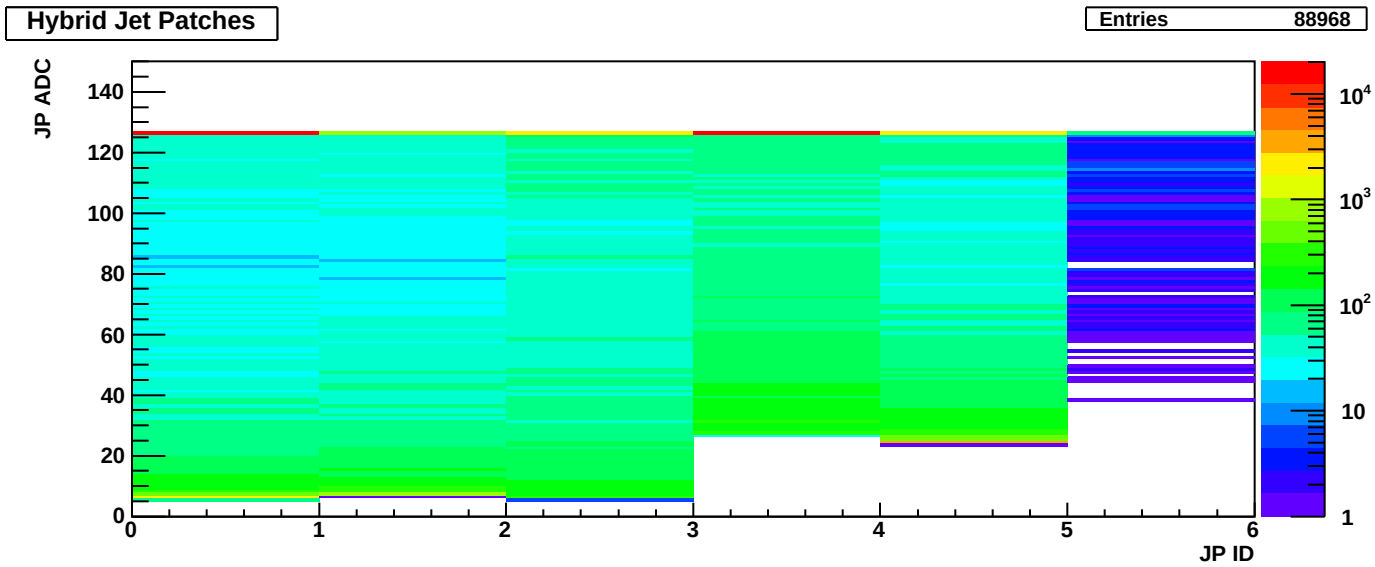

Barrel EMC L0 Input - Patch Sum
Entries 1.33452e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

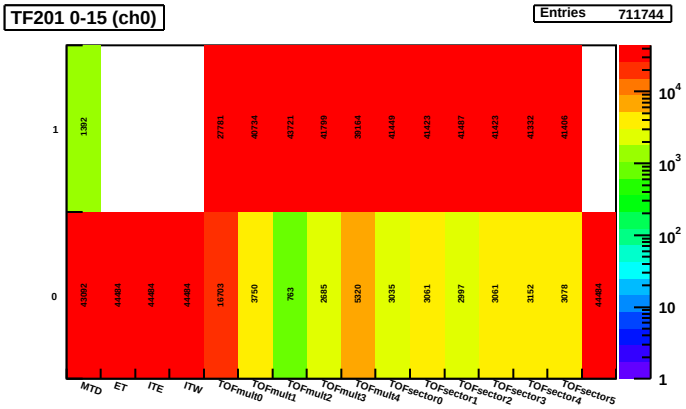

Endcap EMC L0 Input - High Tower
Entries 4003560
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

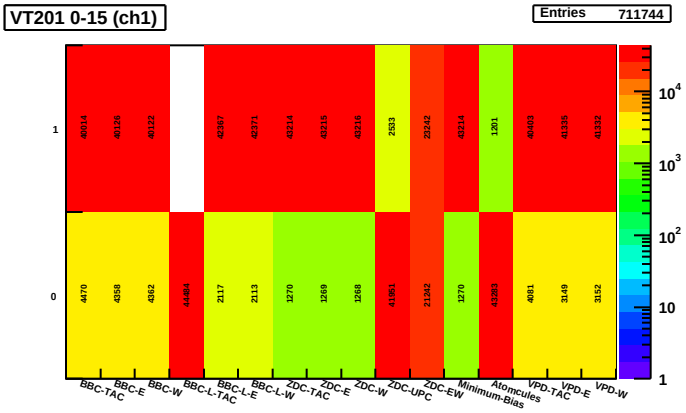

Endcap EMC L0 Input - Patch Sum
Entries 4003560
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

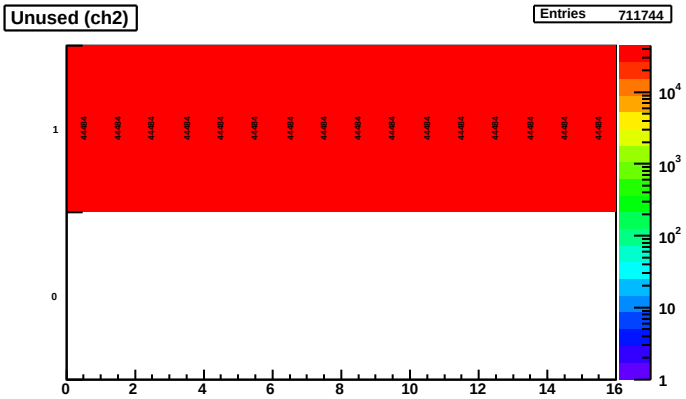

Barrel Jet Patches
Entries 800712
JP ADC
JP ID

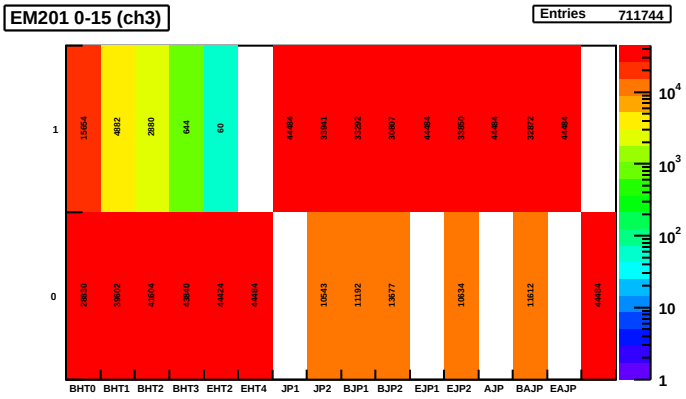

Endcap Jet Patches
Entries 266904
JP ADC
JP ID

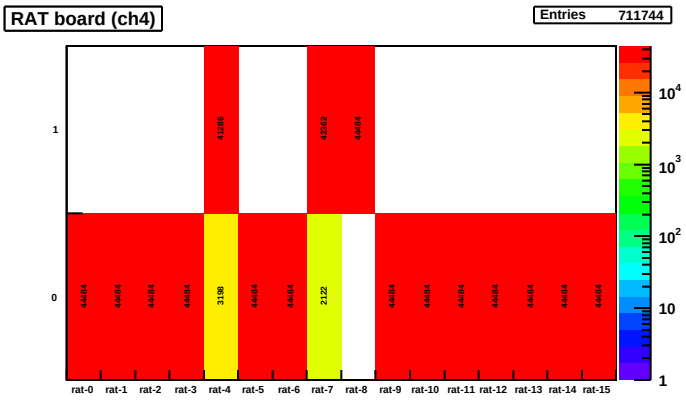

Hybrid Jet Patches
Entries 88968
JP ADC
JP ID

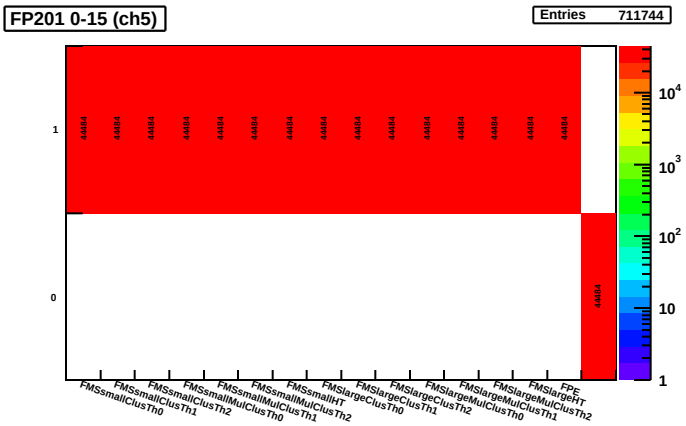

TF201 0-15 (ch0)
Entries 711744
1392
27731 40734 43721 41799 39164 41449 41423 41487 41423 41332 41406
43892 44484 44484 44484 16703 3750 763 2685 5320 3035 3061 2997 3061 3152 3078 44484
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

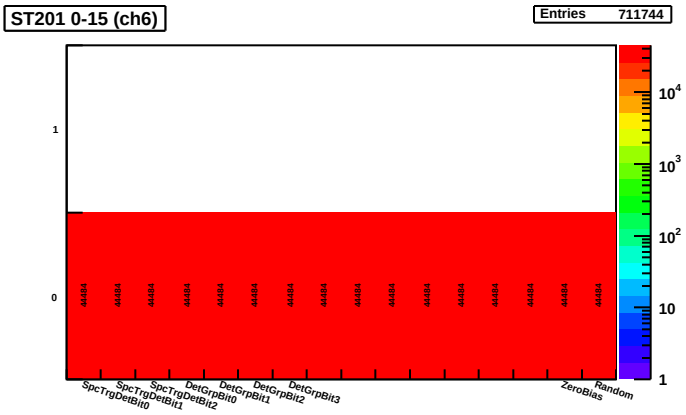

VT201 0-15 (ch1)
Entries 711744
40014 40126 40122 42367 42371 43214 43215 43216 2533 23242 43214 1201 40403 41335 41332
4470 4358 4362 44484 2117 2113 1270 1269 1268 41851 21242 1270 43283 4081 3149 3152
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

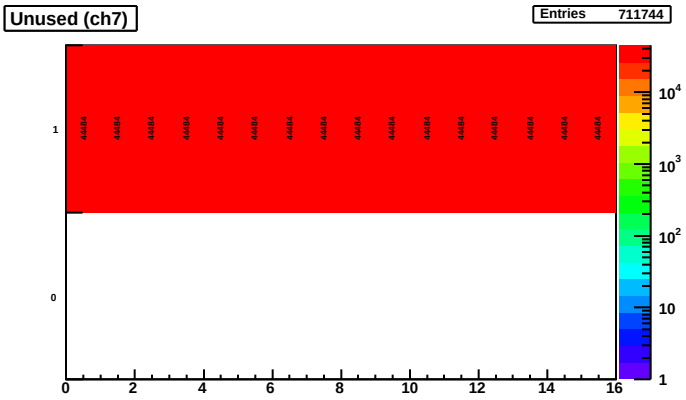

Unused (ch2)
Entries 711744
44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484

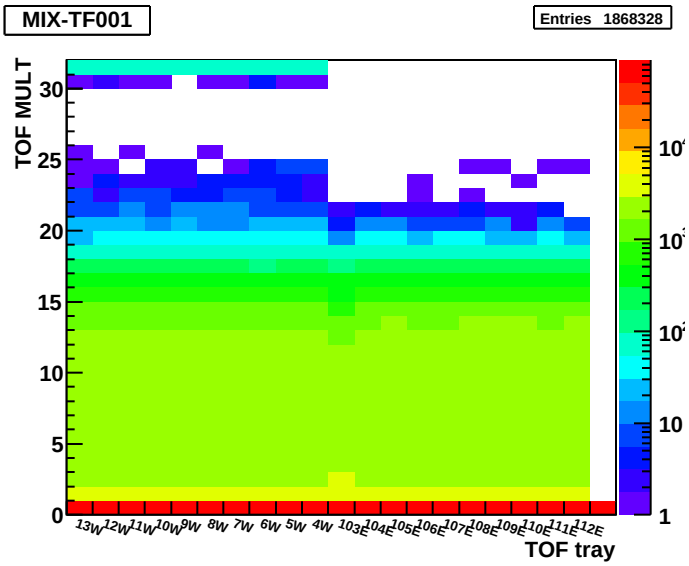

EM201 0-15 (ch3)
Entries 711744
15664 4832 2880 644 60 44484 33941 33292 30807 44484 33850 44484 32872 44484
28830 36602 41604 43840 44424 44484 10543 11192 13677 10634 11612 44484
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

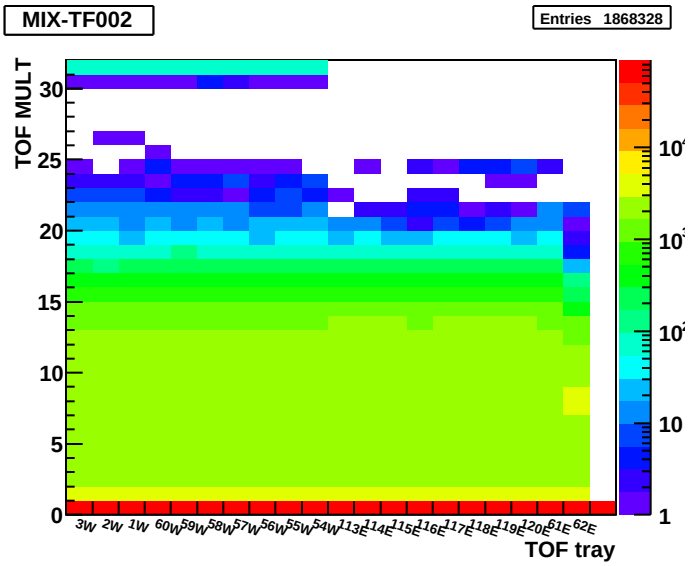

RAT board (ch4)
Entries 711744
41206 42362 44484
44484 44484 44484 44484 3198 44484 44484 2122 44484 44484 44484 44484 44484 44484 44484
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

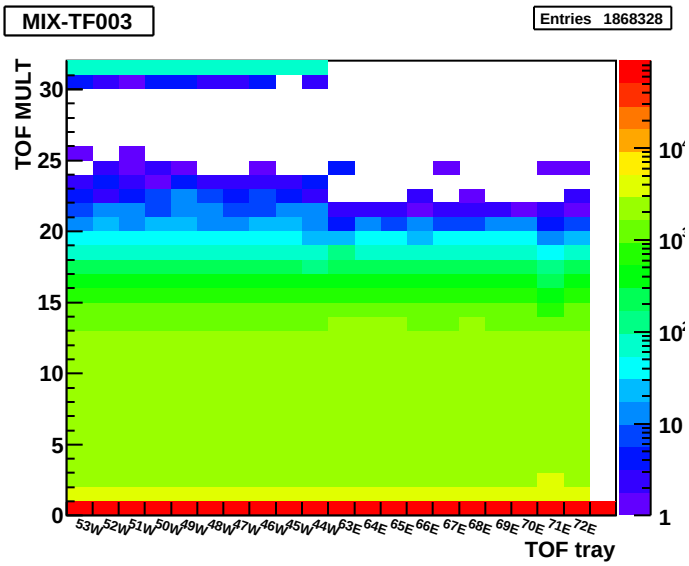

FP201 0-15 (ch5)
Entries 711744
44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

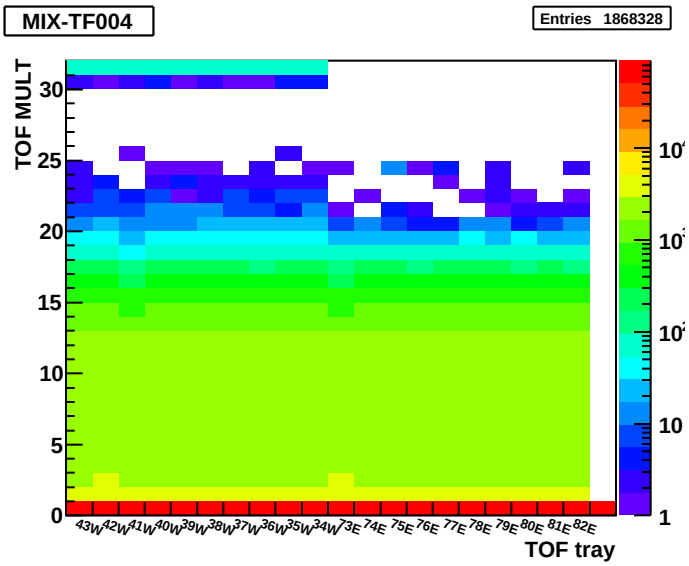

ST201 0-15 (ch6)
Entries 711744
44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetCrpBit0 DetCrpBit1 DetCrpBit2 DetCrpBit3 ZeroBias Random

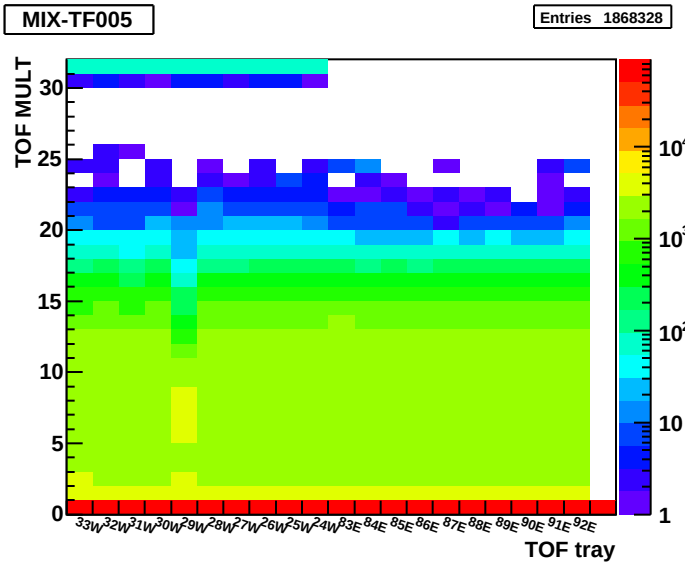

Unused (ch7)
Entries 711744
44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484 44484

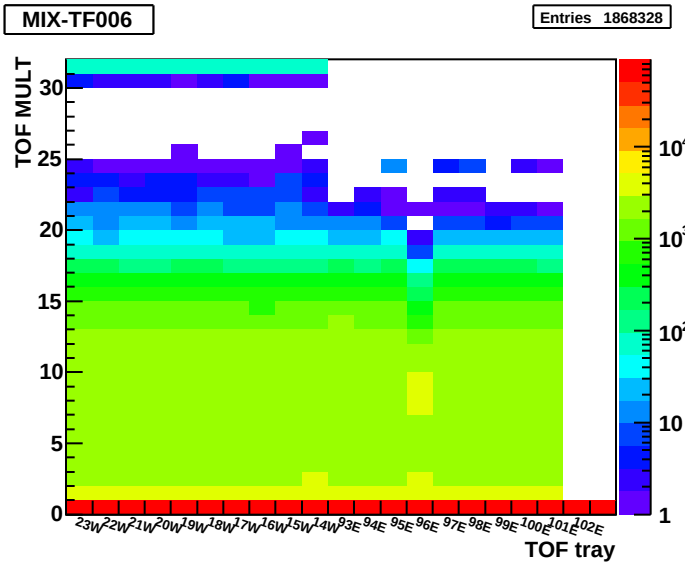

MIX-TF001
Entries 1868328
TOF MULT
TOF tray

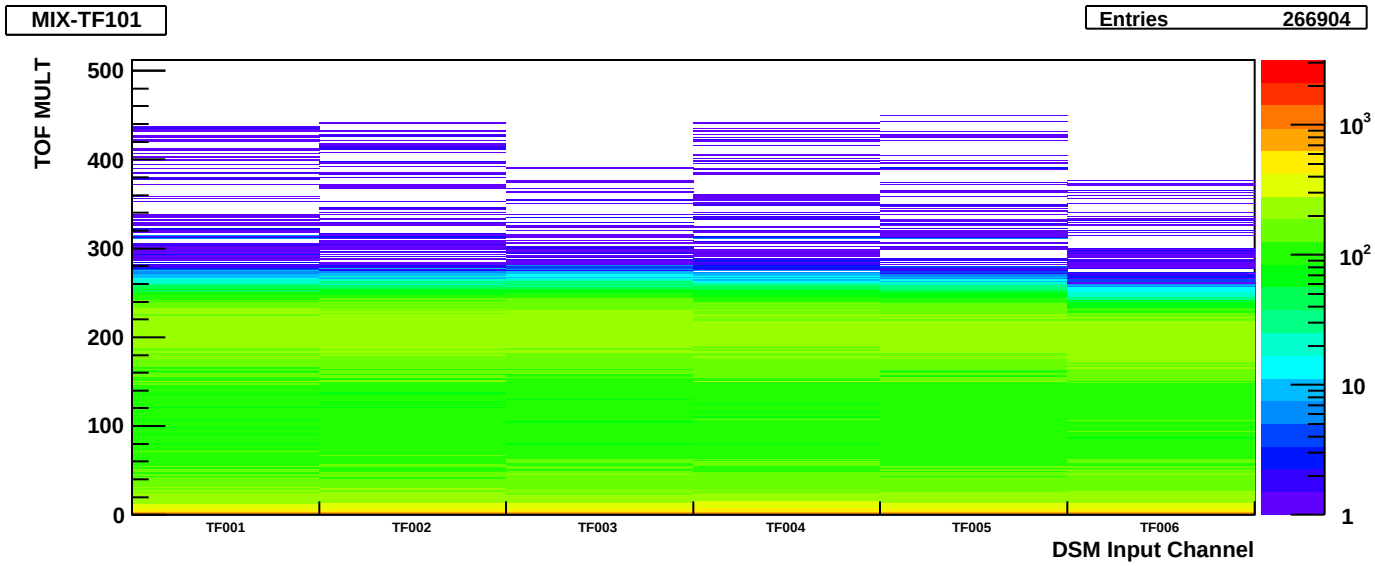

MIX-TF002
Entries 1868328
TOF MULT
TOF tray

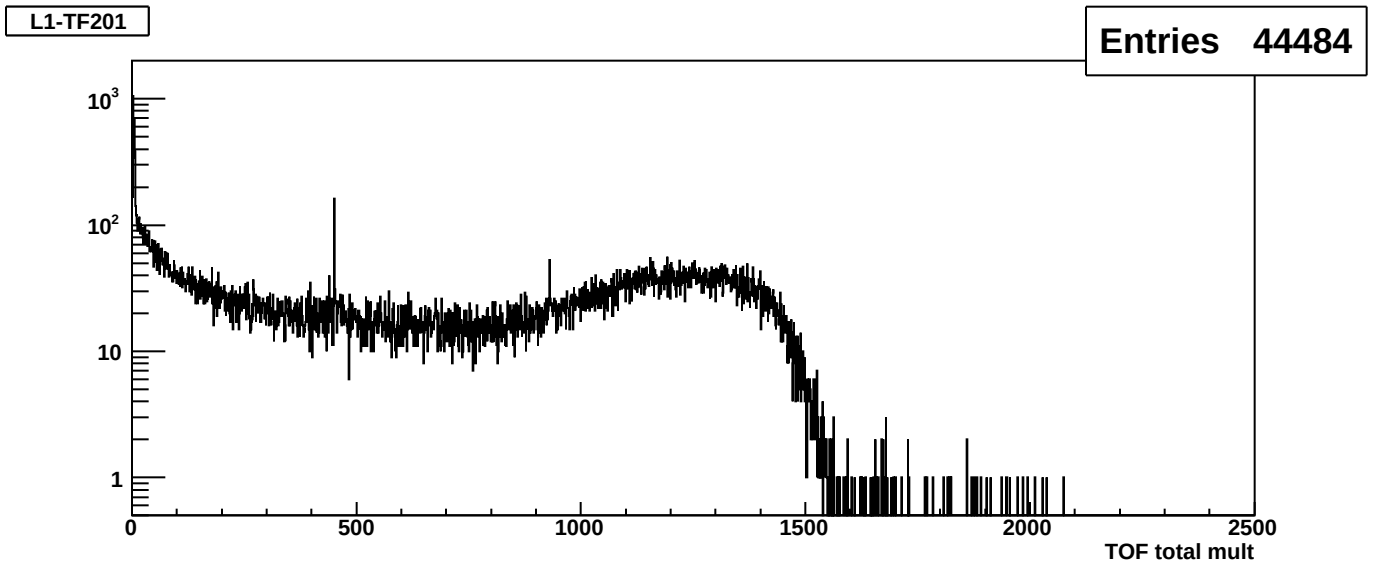

MIX-TF003
Entries 1868328
TOF MULT
TOF tray

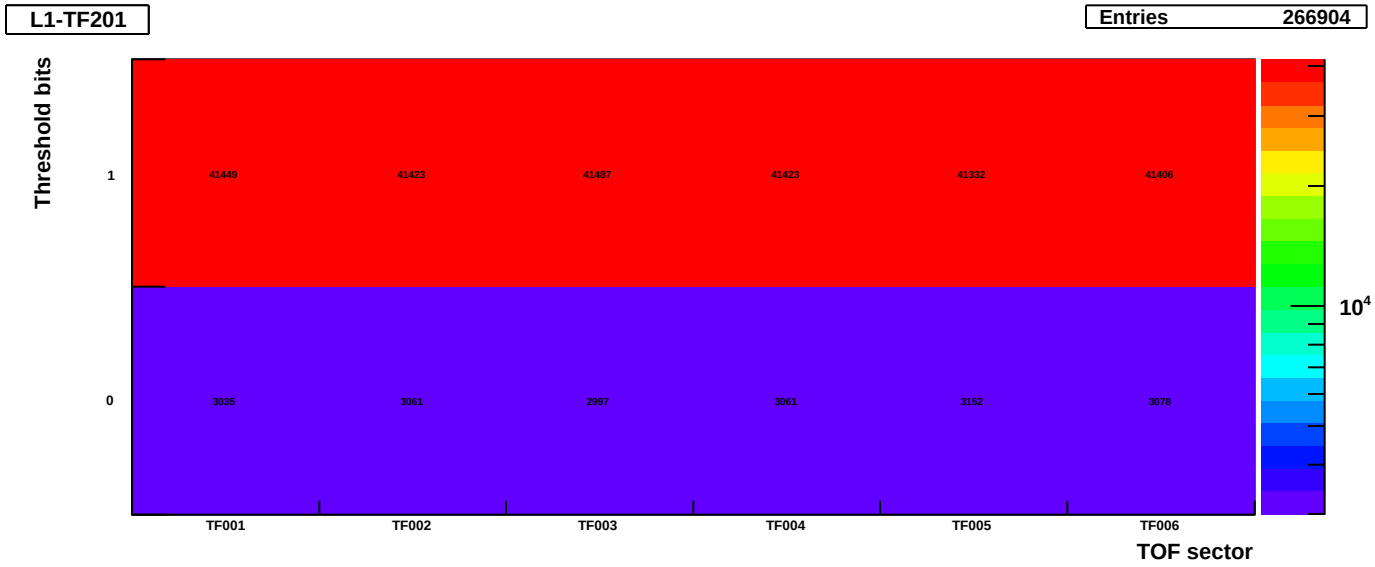

MIX-TF004
Entries 1868328
TOF MULT
TOF tray

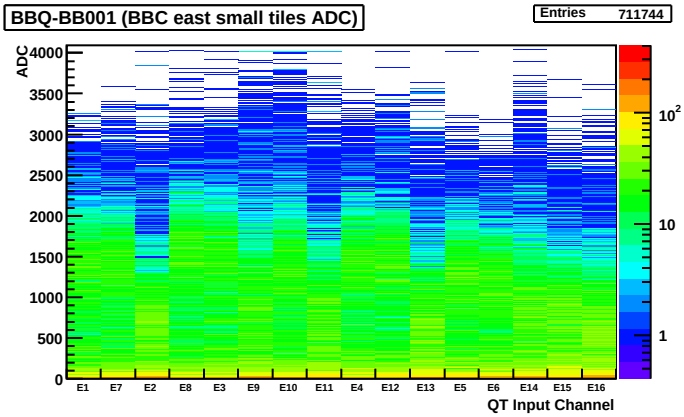

MIX-TF005
Entries 1868328
TOF MULT
TOF tray

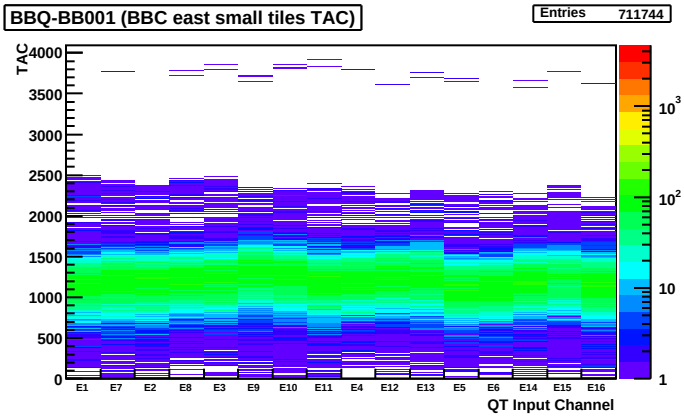

MIX-TF006
Entries 1868328
TOF MULT
TOF tray

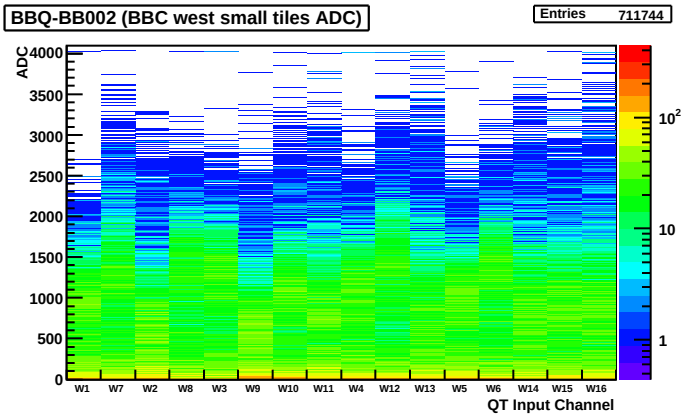

MIX-TF101
Entries 266904
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

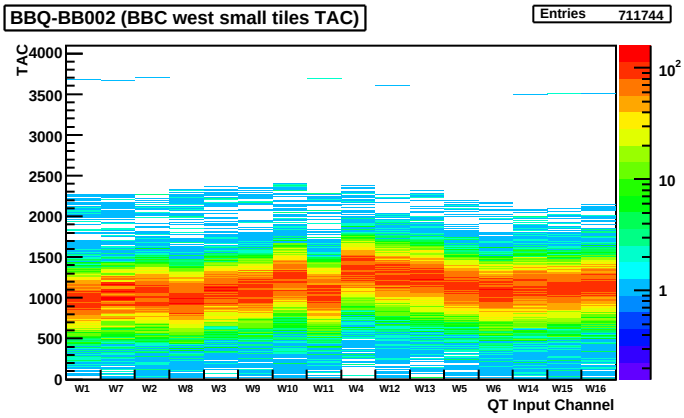

L1-TF201
Entries 44484
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

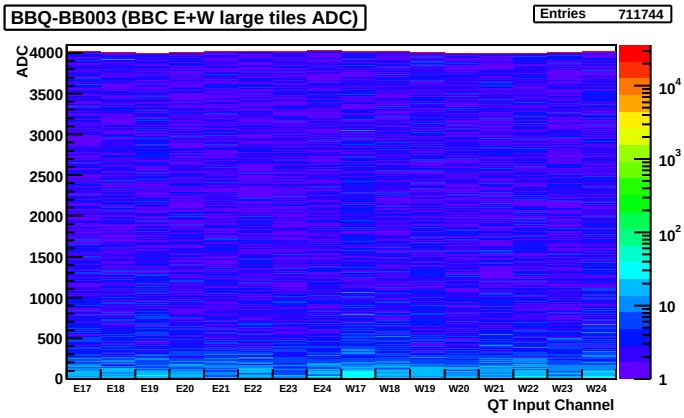

L1-TF201
Entries 266904
Threshold bits
1
0
41449
41423
41487
41423
41332
41406
3035
3061
2997
3061
3152
3078
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

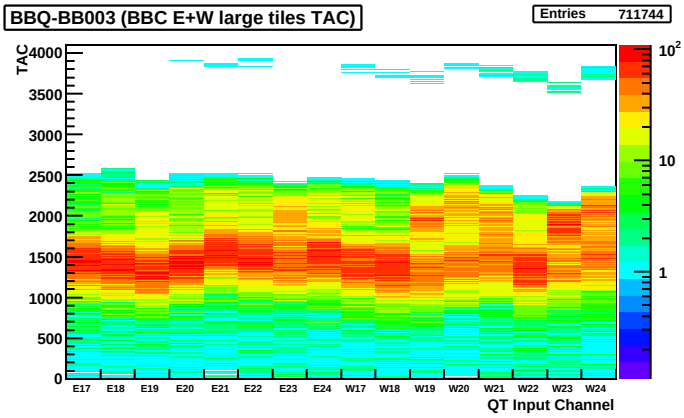

BBQ-BB001 (BBC east small tiles ADC)
Entries 711744
ADC
QT Input Channel

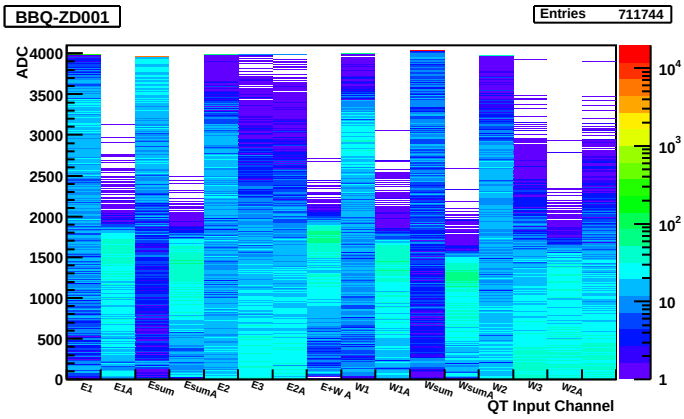

BBQ-BB001 (BBC east small tiles TAC)
Entries 711744
TAC
QT Input Channel

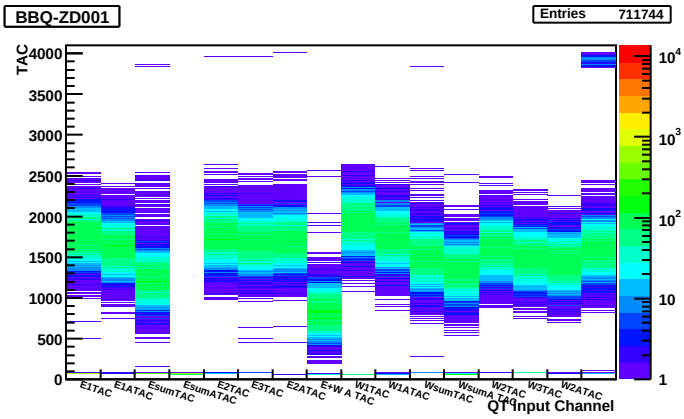

BBQ-BB002 (BBC west small tiles ADC)
Entries 711744
ADC
QT Input Channel

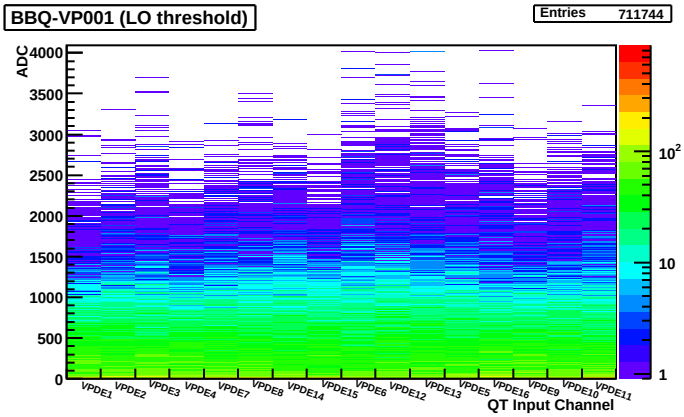

BBQ-BB002 (BBC west small tiles TAC)
Entries 711744
TAC
QT Input Channel

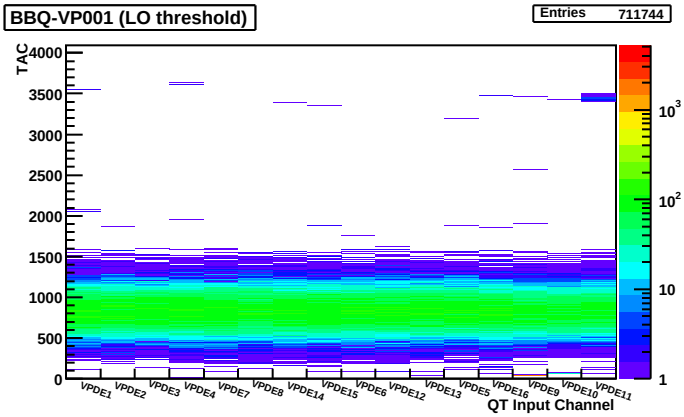

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 711744
ADC
QT Input Channel

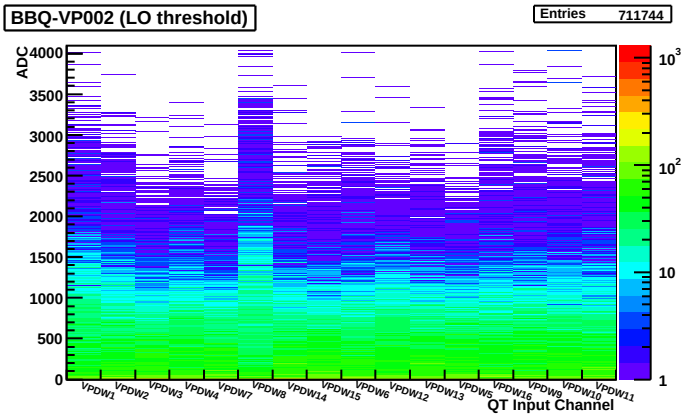

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 711744
TAC
QT Input Channel

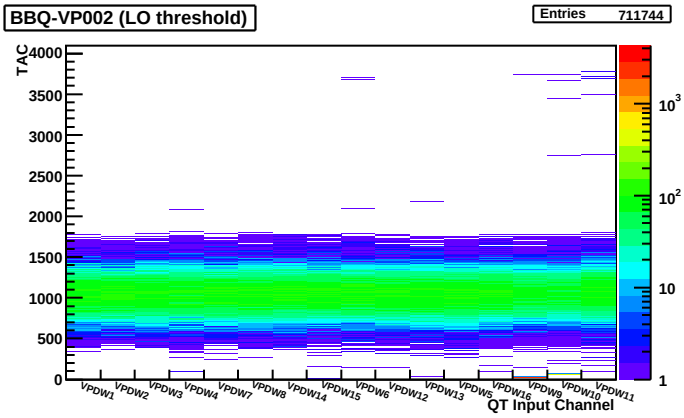

BBQ-ZD001
Entries 711744
ADC
QT Input Channel

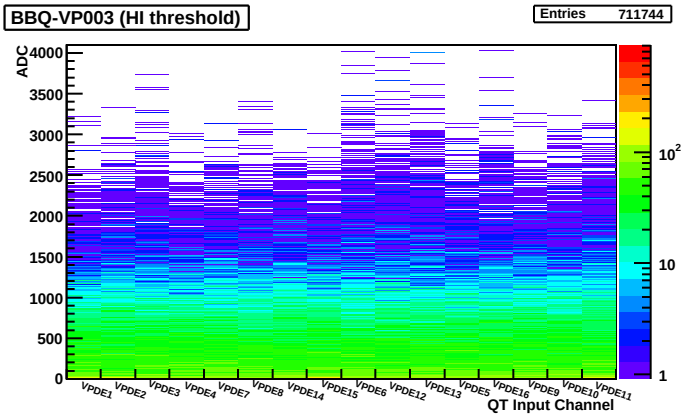

BBQ-ZD001
Entries 711744
TAC
QT Input Channel

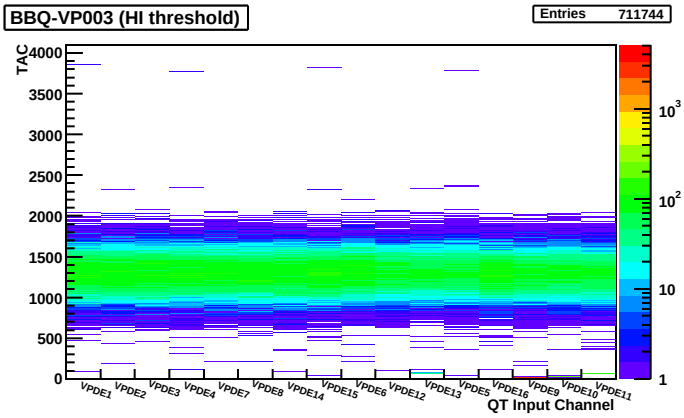

BBQ-VP001 (LO threshold)
Entries 711744
ADC
QT Input Channel

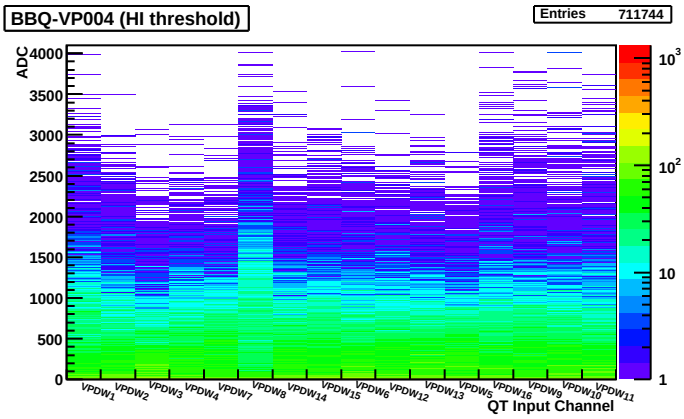

BBQ-VP001 (LO threshold)
Entries 711744
TAC
QT Input Channel

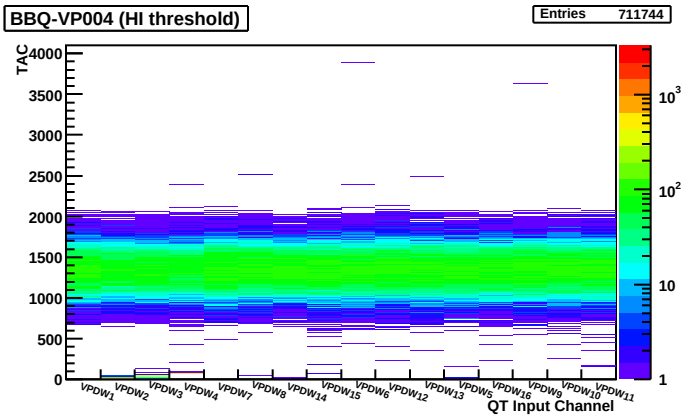

BBQ-VP002 (LO threshold)
Entries 711744
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 711744
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 711744
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 711744
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 711744
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 711744
TAC
QT Input Channel