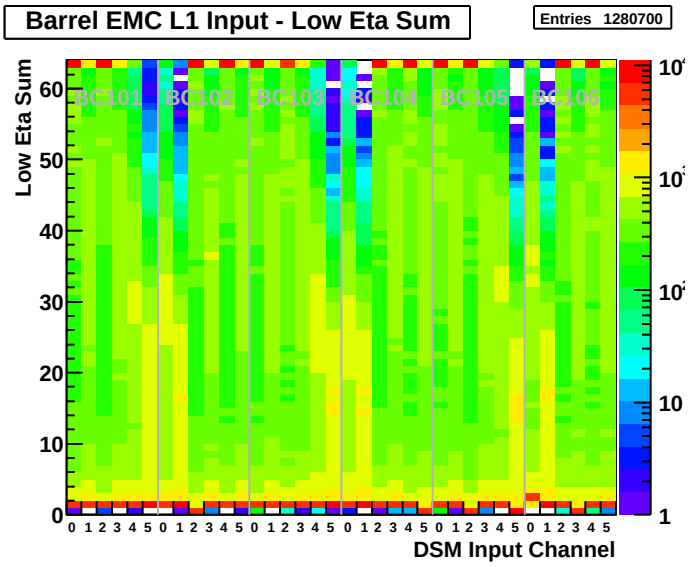
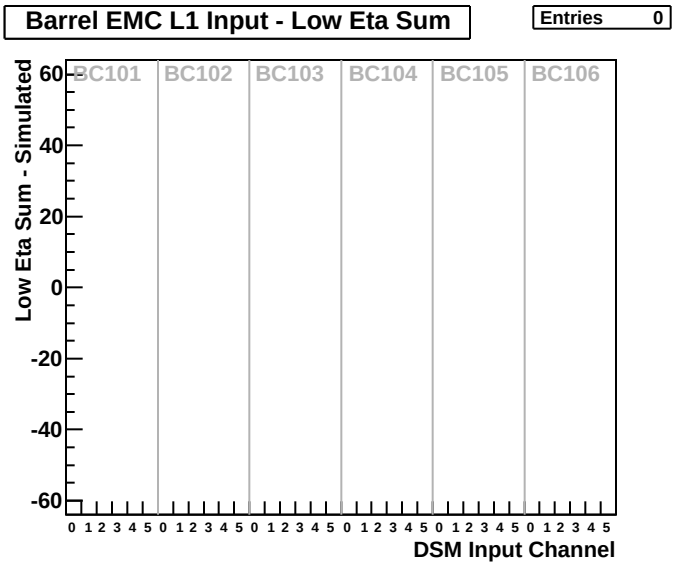
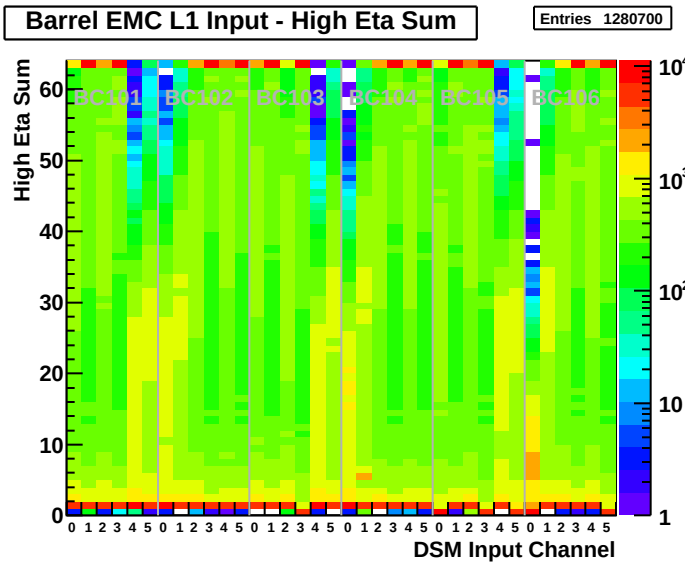
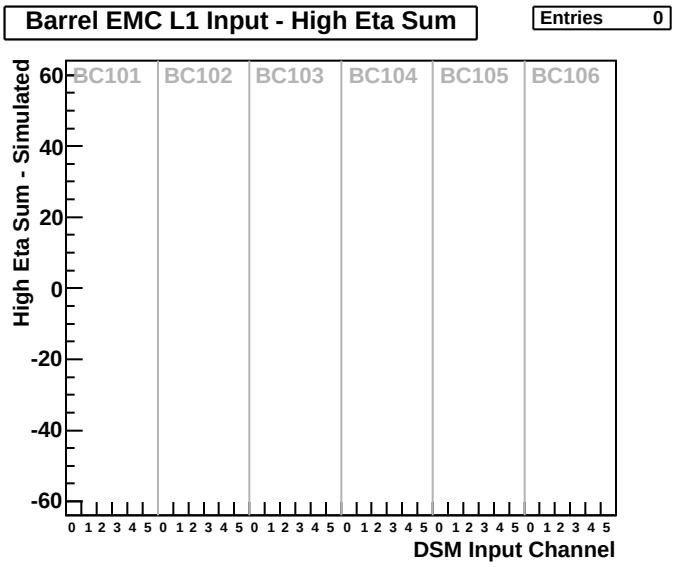
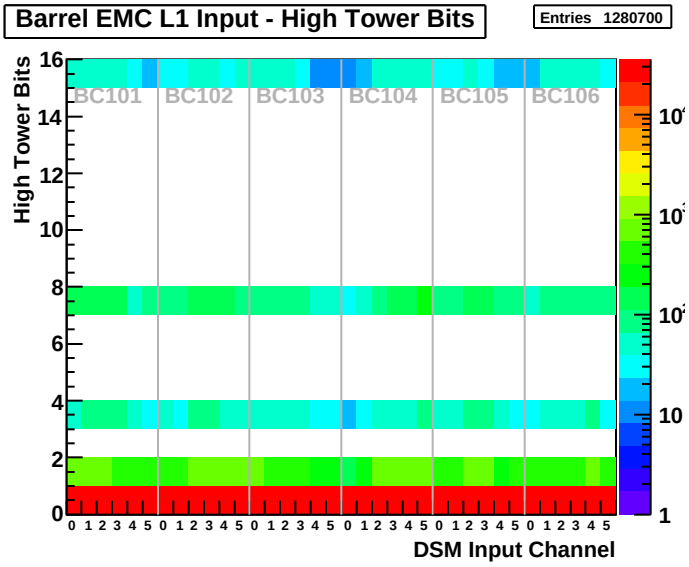
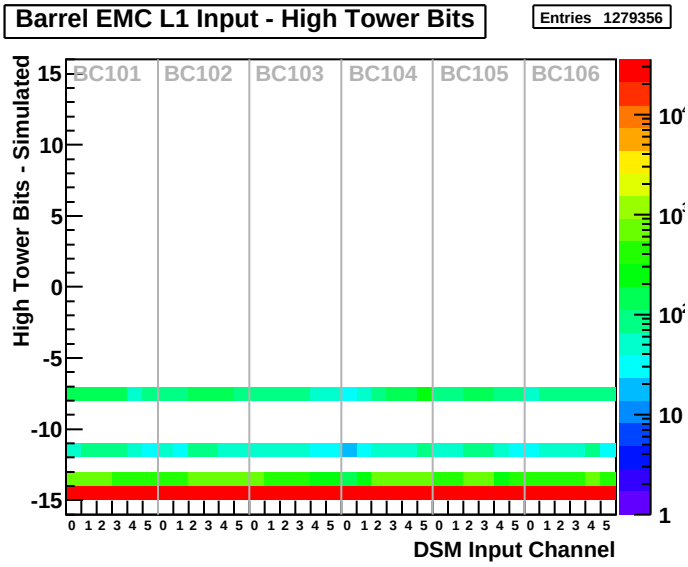

Barrel EMC L1 Input - Low Eta Sum
Entries 1280700
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

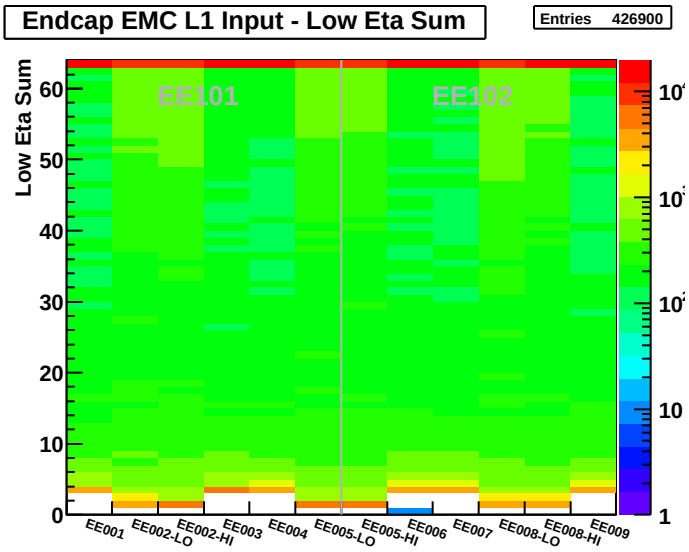

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

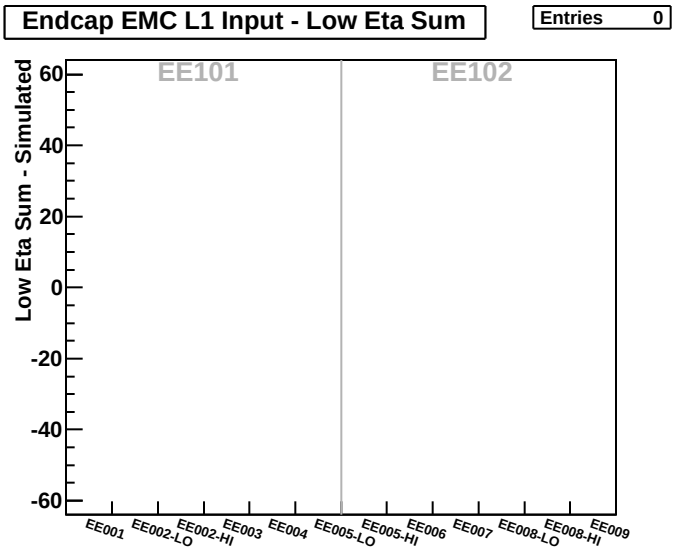

Barrel EMC L1 Input - High Eta Sum
Entries 1280700
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

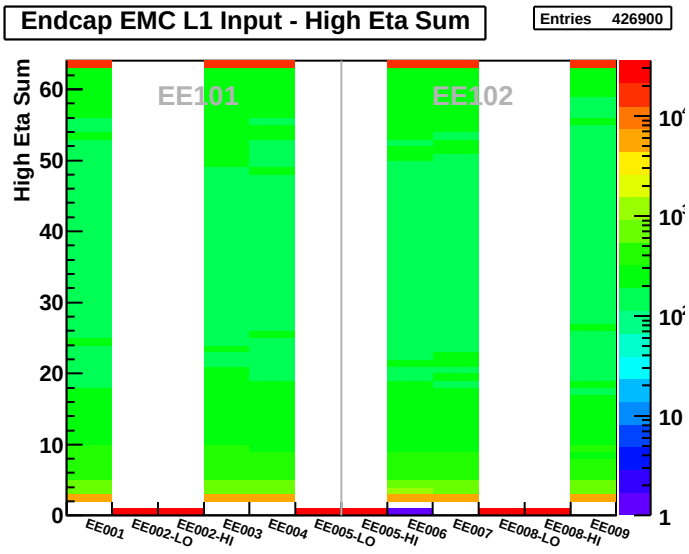

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

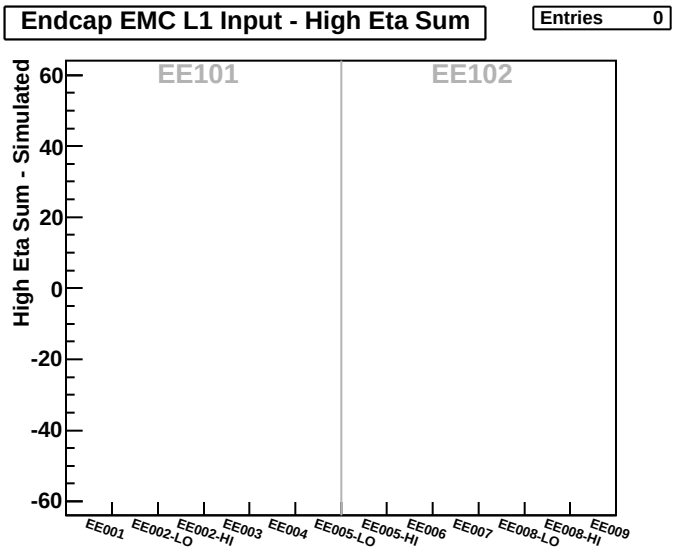

Barrel EMC L1 Input - High Tower Bits
Entries 1280700
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

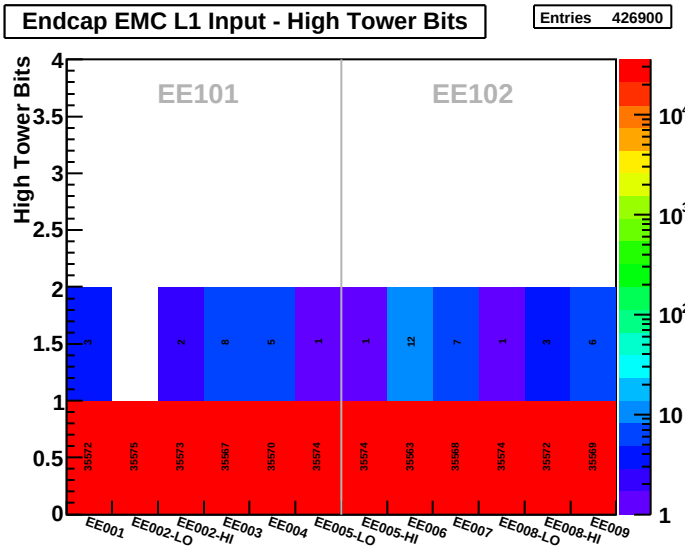

Barrel EMC L1 Input - High Tower Bits
Entries 1279356
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

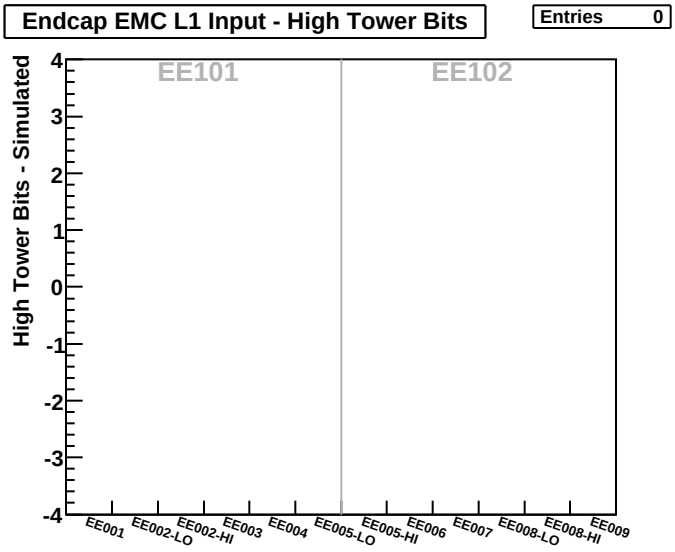

Endcap EMC L1 Input - Low Eta Sum
Entries 426900
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

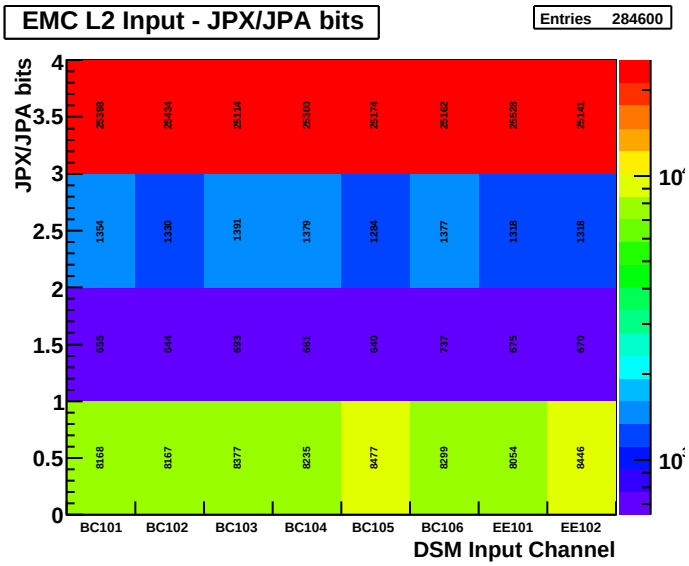

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

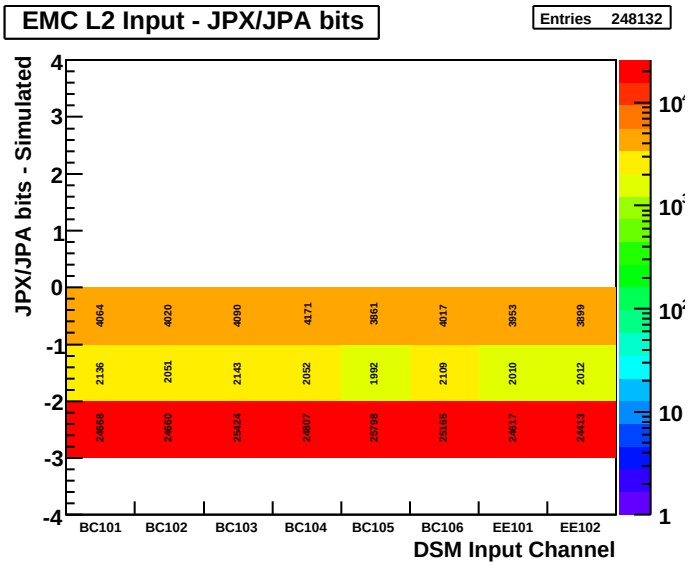

Endcap EMC L1 Input - High Eta Sum
Entries 426900
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

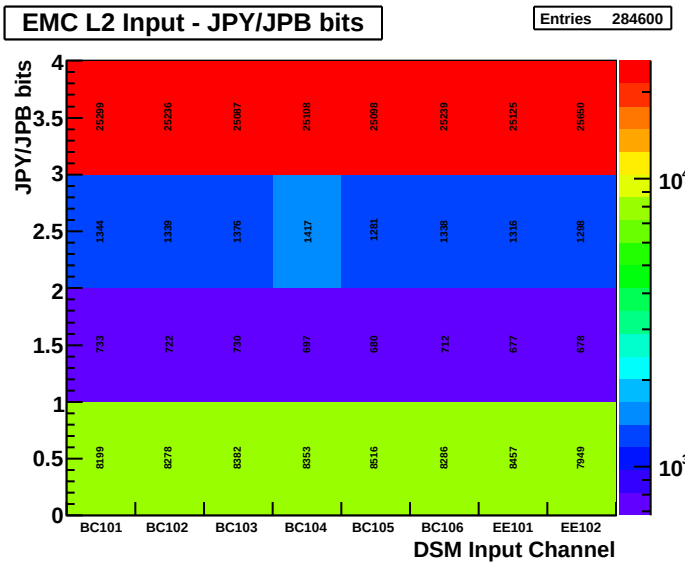

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

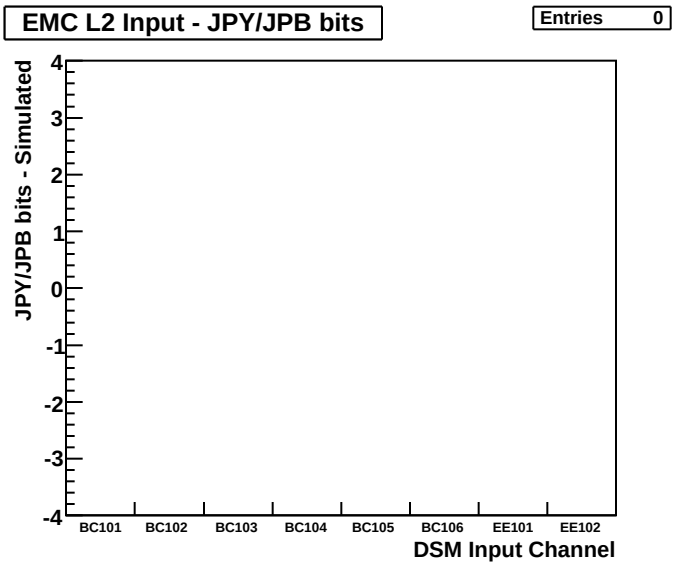

Endcap EMC L1 Input - High Tower Bits
Entries 426900
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

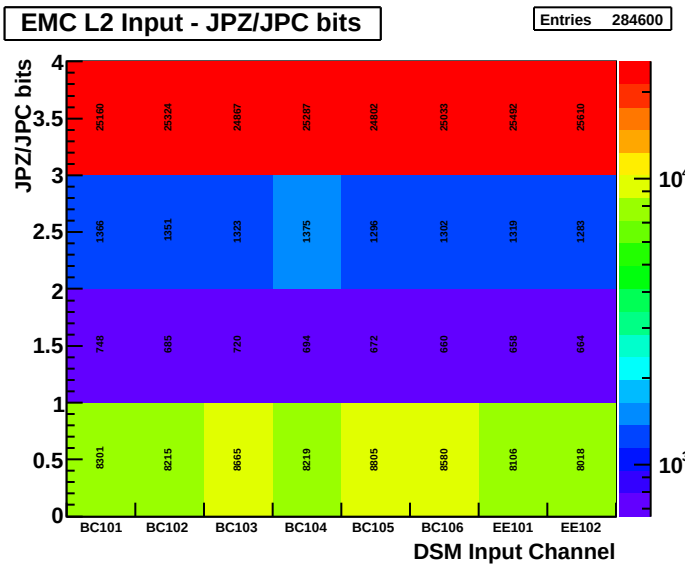

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

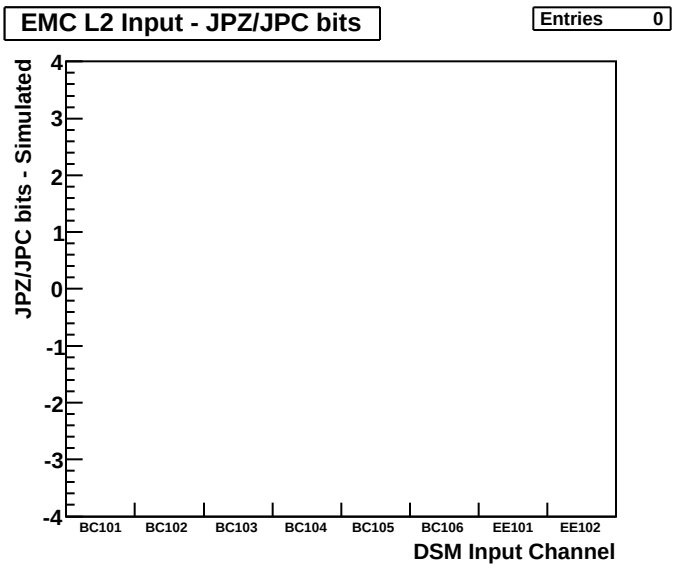

EMC L2 Input - JPX/JPA bits
Entries 284600
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
25398 25434 25114 25300 25174 25162 25528 25141
1354 1330 1391 1379 1284 1377 1318 1318
655 644 693 661 640 737 675 670
8168 8167 8377 8235 8477 8299 8054 8446

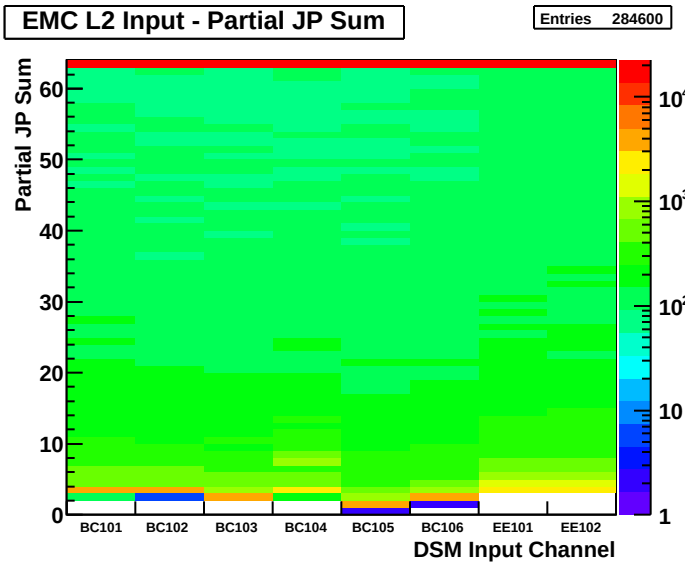

EMC L2 Input - JPX/JPA bits
Entries 248132
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
4064 4020 4090 4171 3861 4017 3953 3899
2136 2051 2143 2052 1992 2109 2010 2012
24668 24660 25424 24807 25798 25165 24617 24413

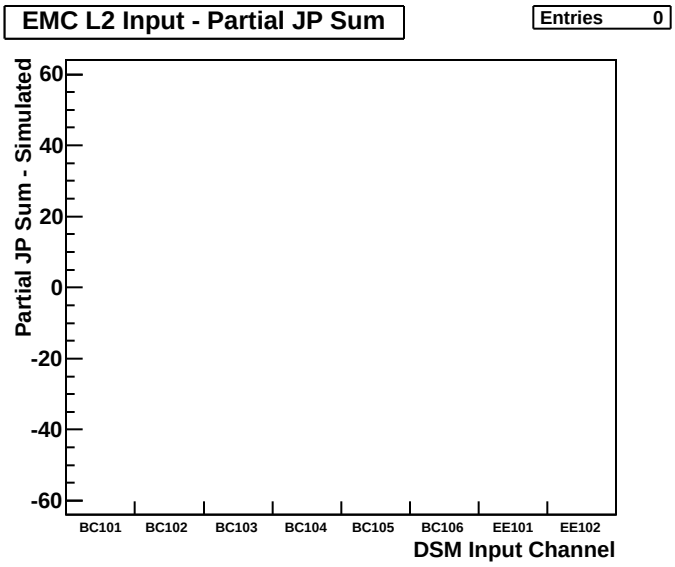

EMC L2 Input - JPY/JPB bits
Entries 284600
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
25299 25226 25087 25108 25098 25239 25125 25650
1344 1339 1376 1417 1281 1338 1316 1298
733 722 730 697 680 712 677 678
8199 8278 8382 8353 8516 8286 8457 7949

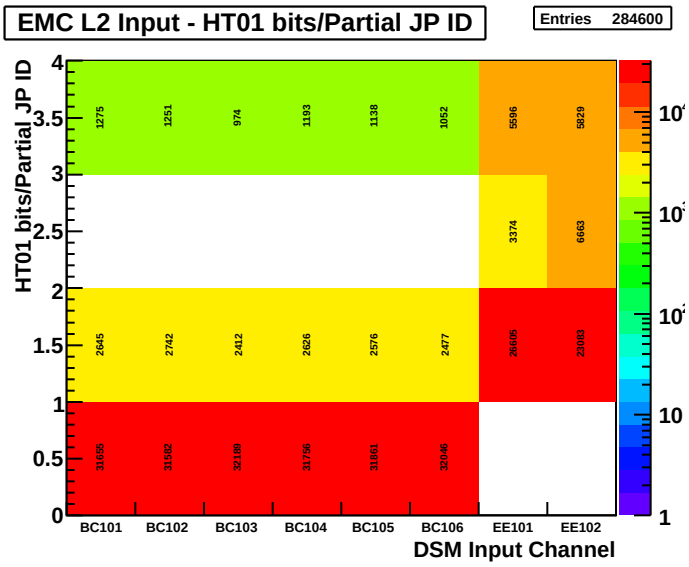

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

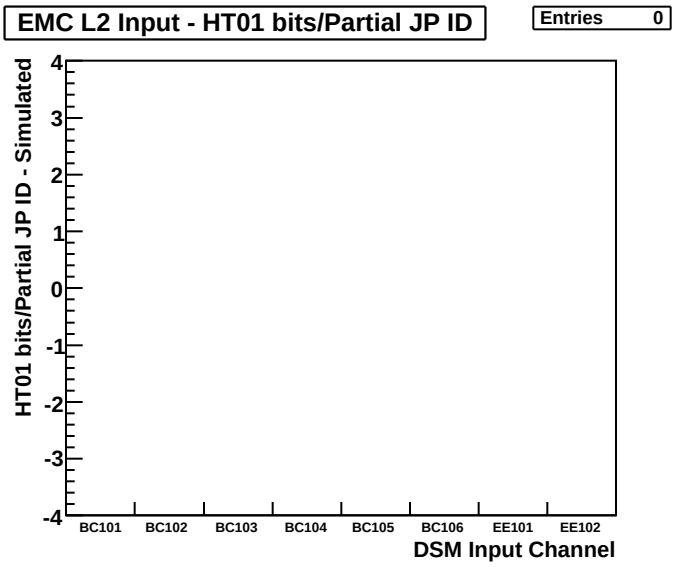

EMC L2 Input - JPZ/JPC bits
Entries 284600
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
25160 25324 24867 25287 24802 25033 25492 25610
1366 1351 1323 1375 1296 1302 1319 1283
748 685 720 694 672 660 658 654
8301 8215 8665 8219 8805 8580 8106 8018

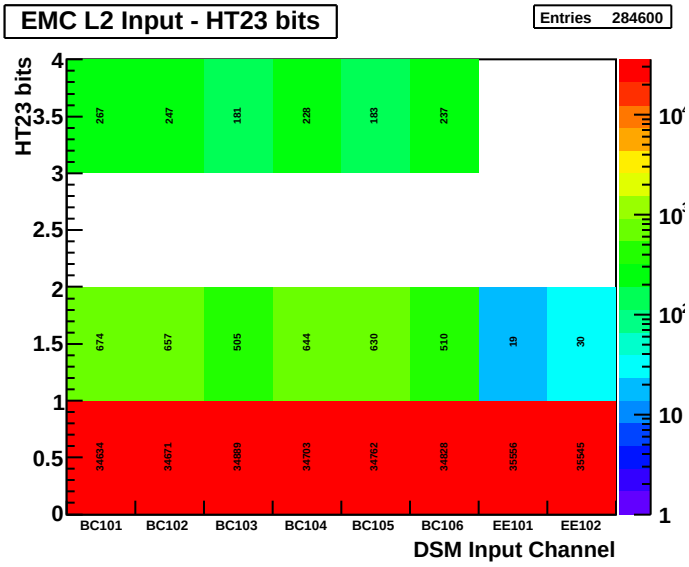

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

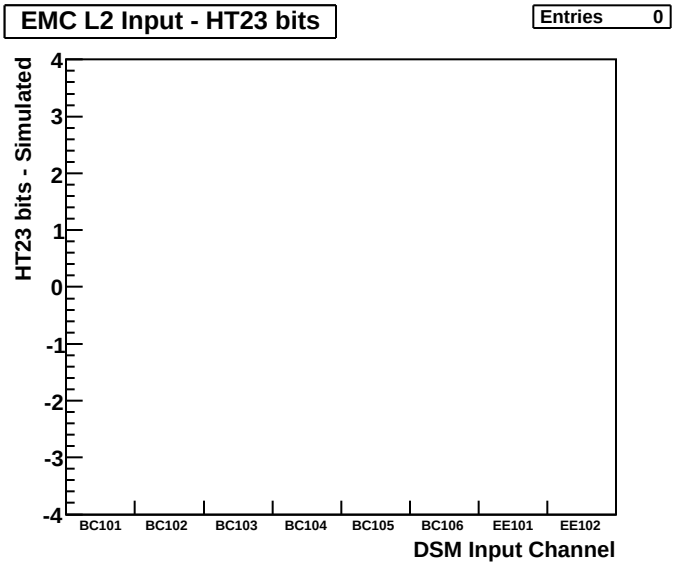

EMC L2 Input - Partial JP Sum
Entries 284600
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

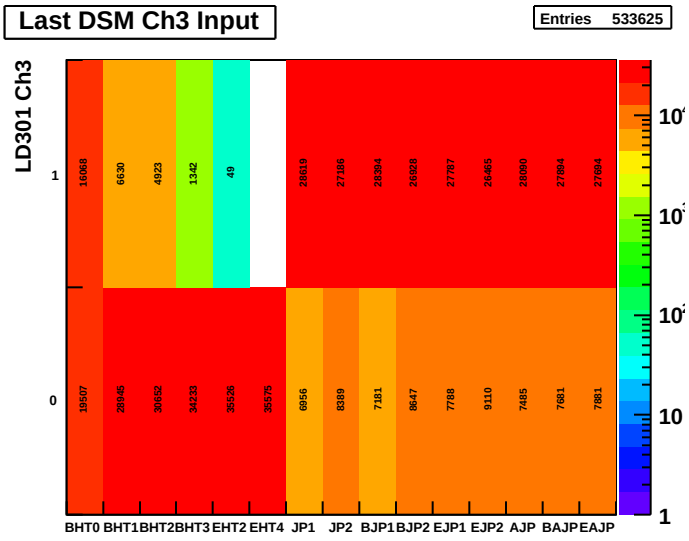

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

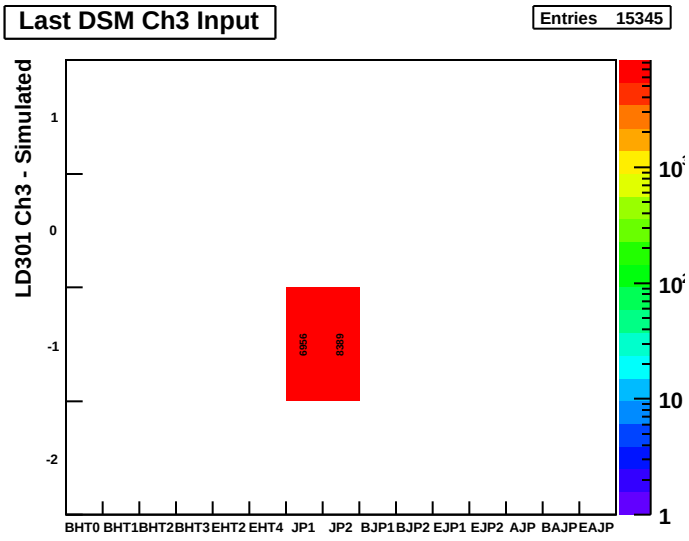

EMC L2 Input - HT01 bits/Partial JP ID
Entries 284600
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

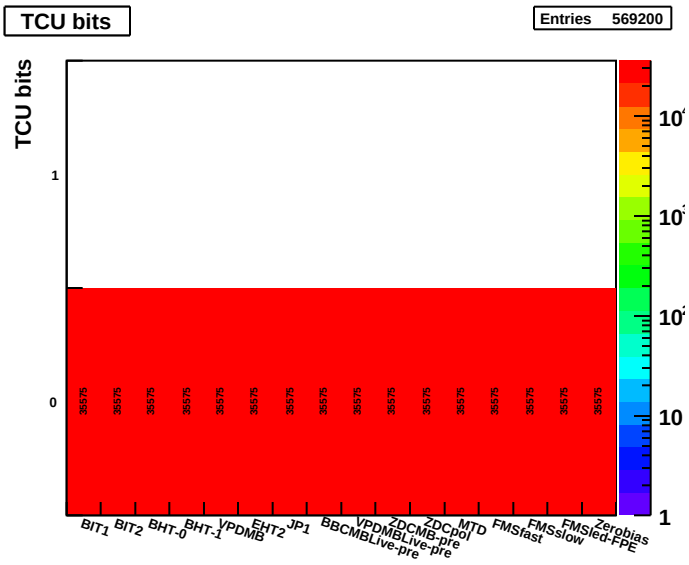

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

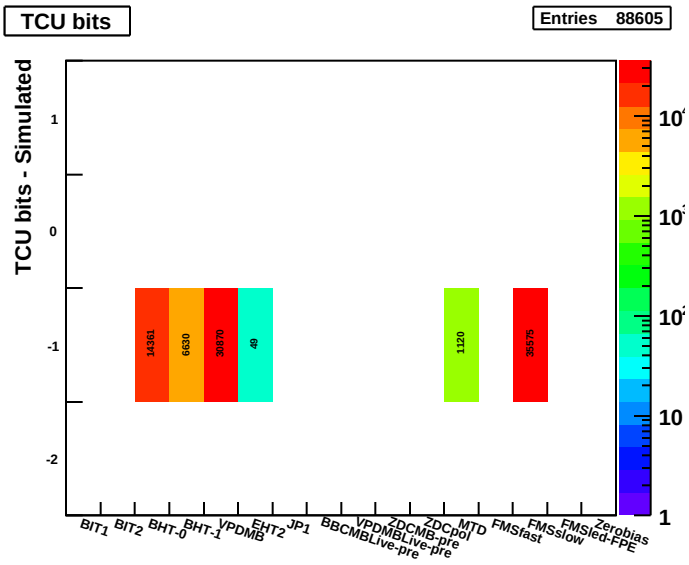

EMC L2 Input - HT23 bits
Entries 284600
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

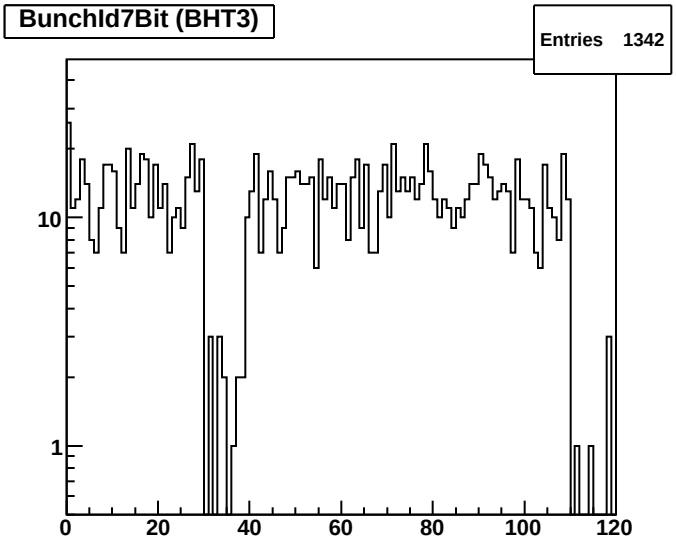

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

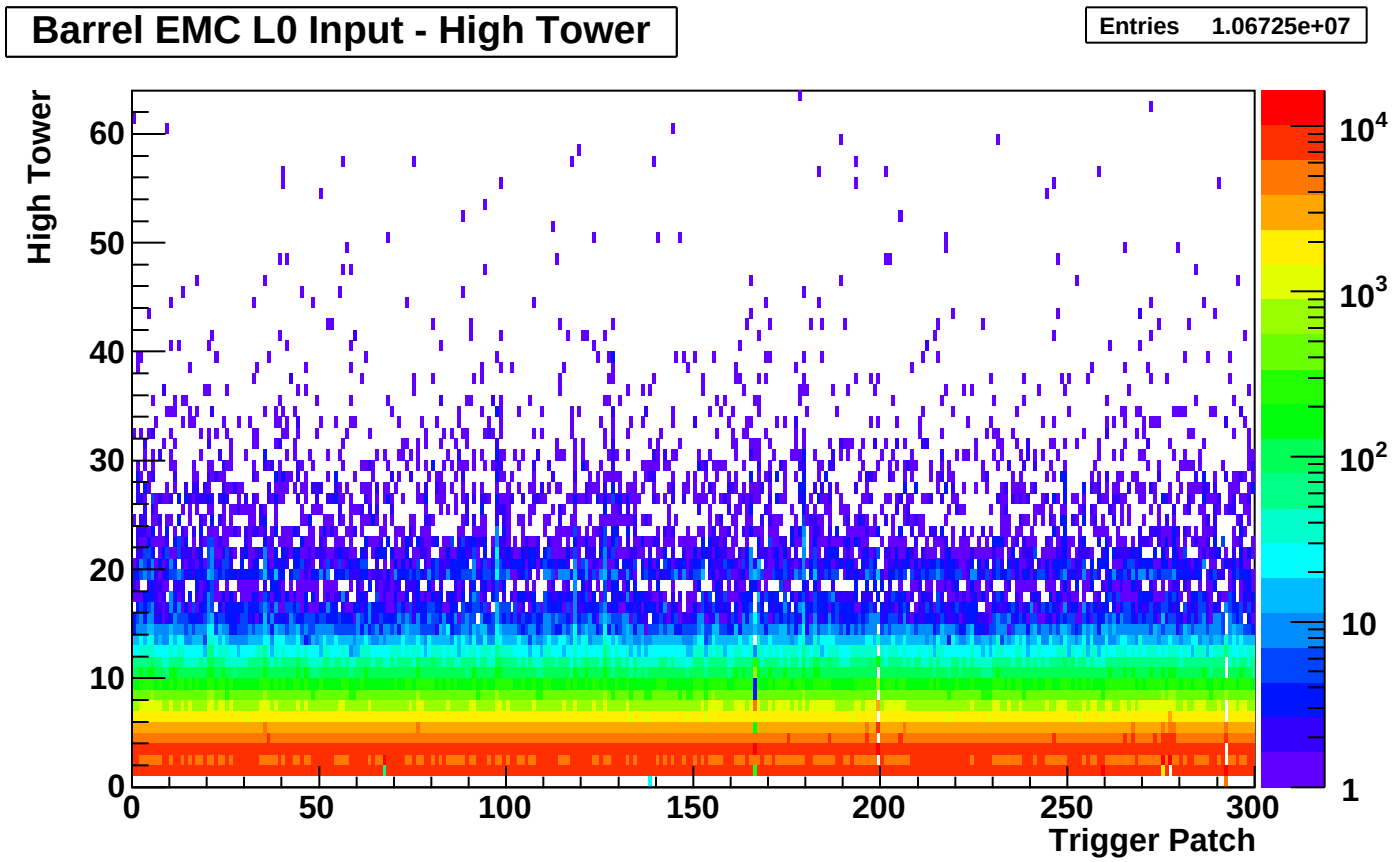

Last DSM Ch3 Input
Entries 533625
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

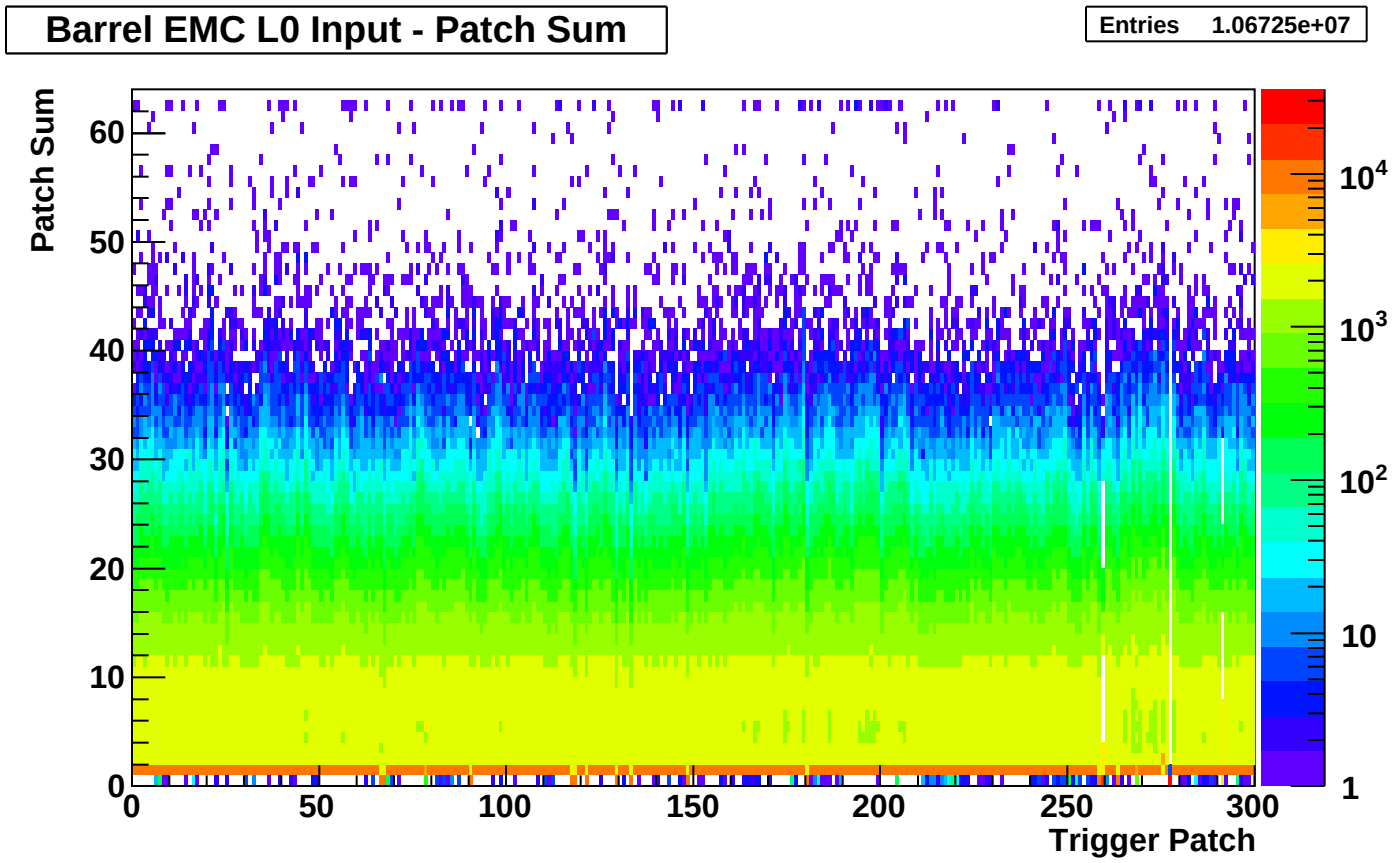

Last DSM Ch3 Input
Entries 15345
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

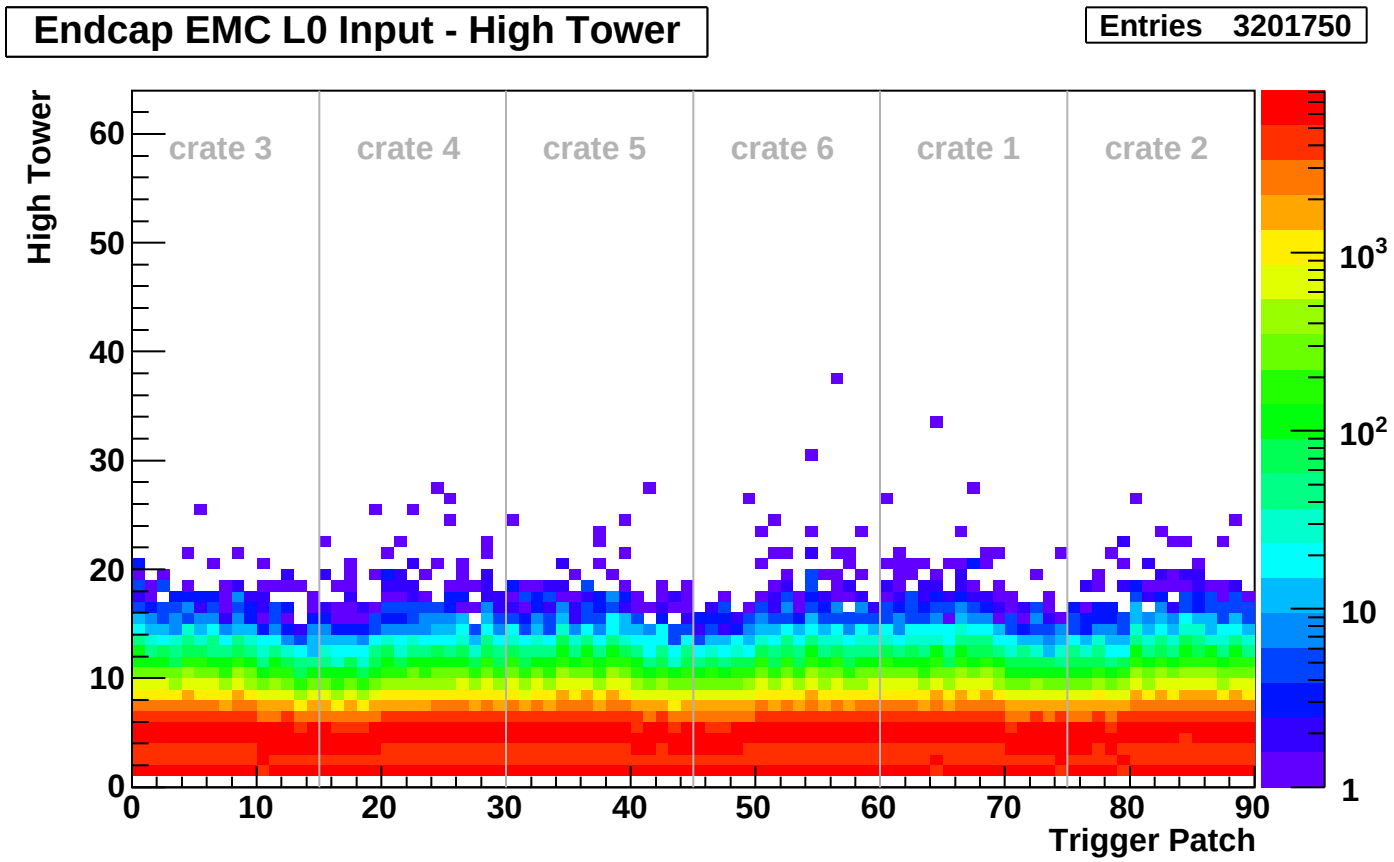

TCU bits
Entries 569200
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

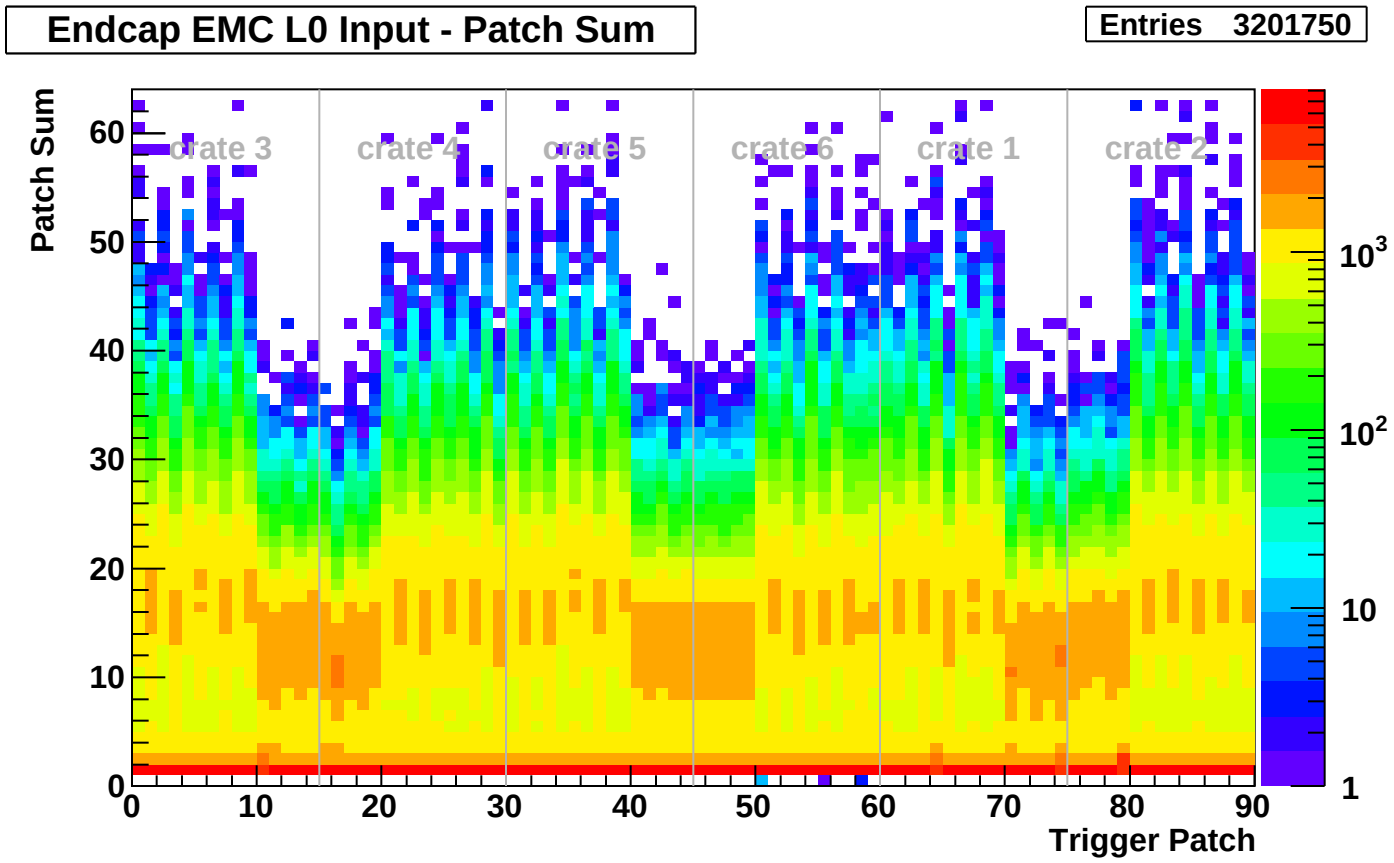

TCU bits
Entries 88605
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

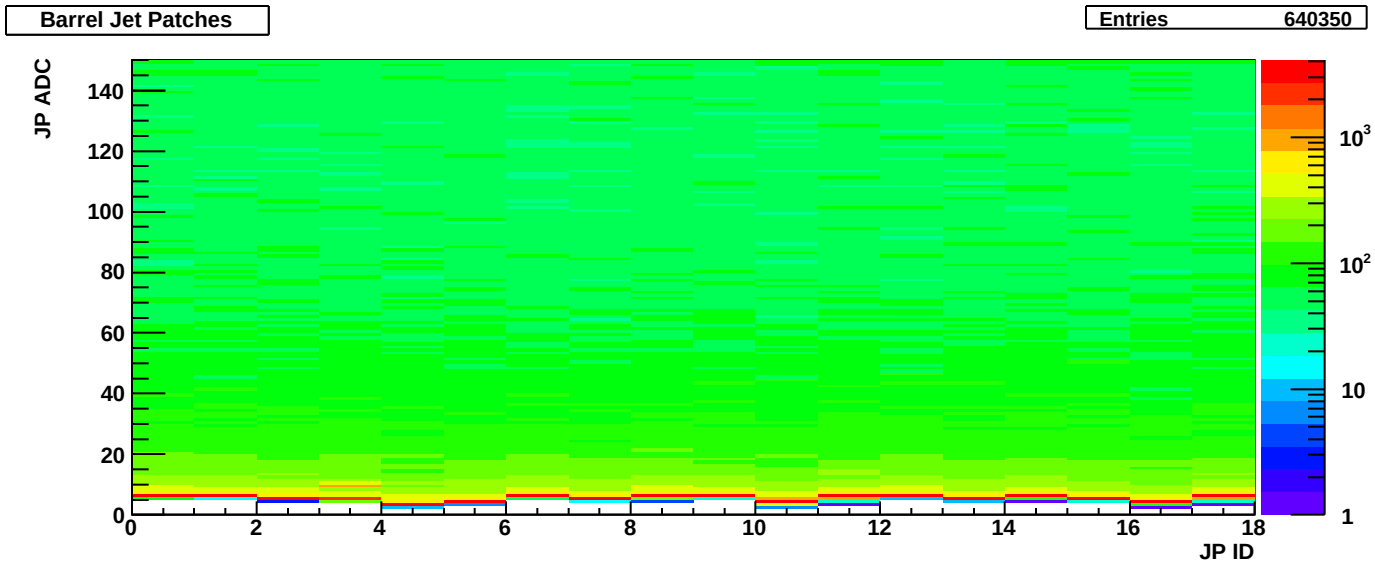

BunchId7Bit (BHT3)
Entries 1342

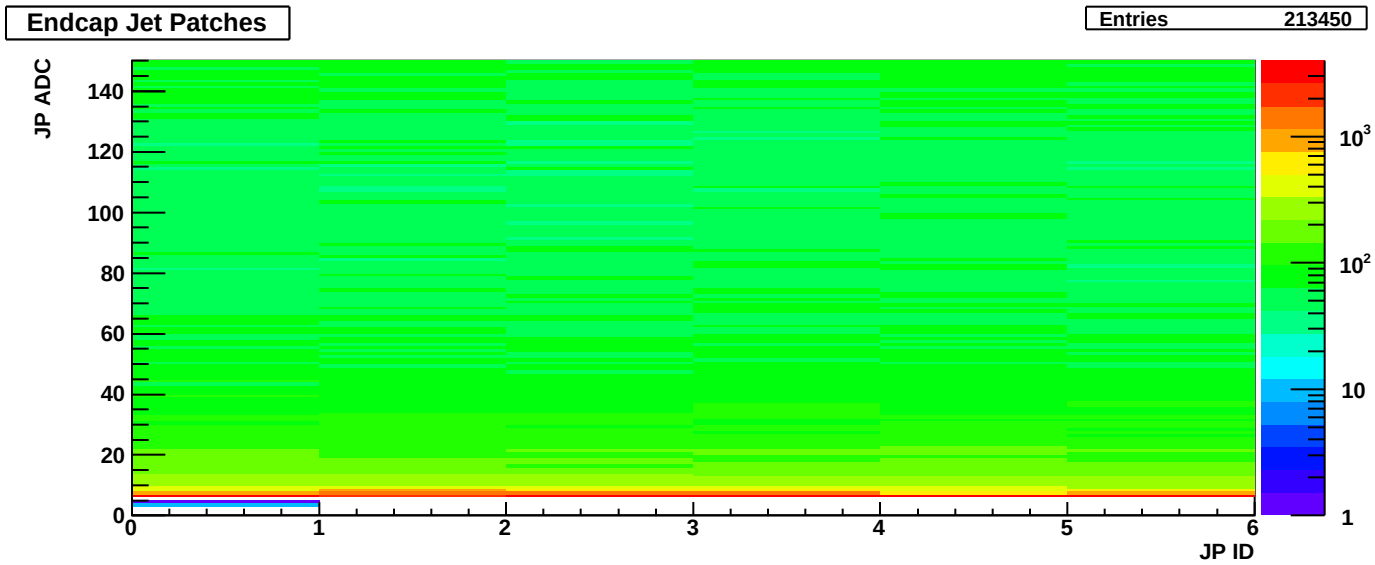

Barrel EMC L0 Input - High Tower
Entries 1.06725e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

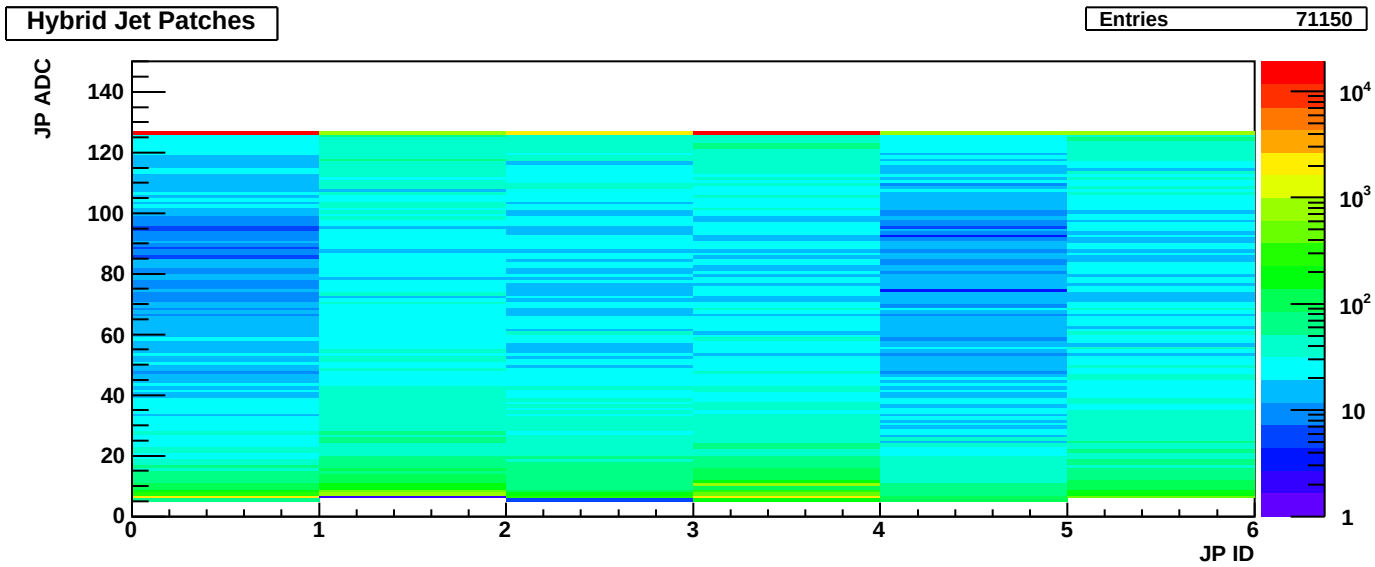

Barrel EMC L0 Input - Patch Sum
Entries 1.06725e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

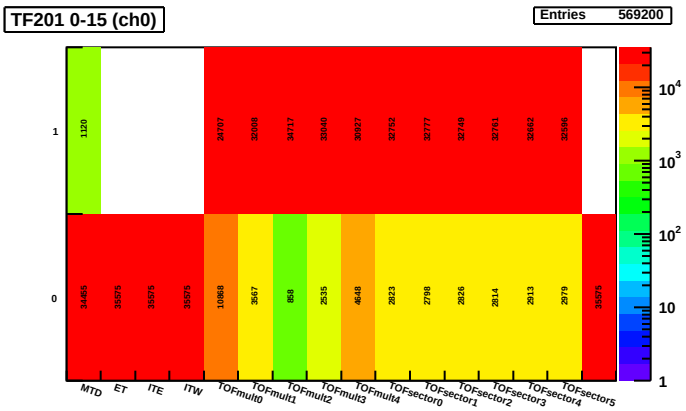

Endcap EMC L0 Input - High Tower
Entries 3201750
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

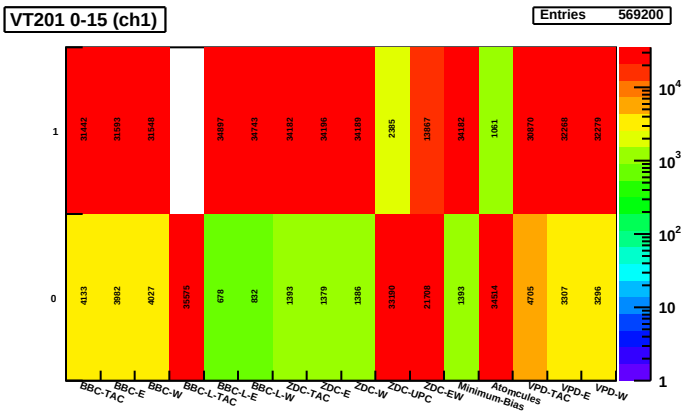

Endcap EMC L0 Input - Patch Sum
Entries 3201750
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

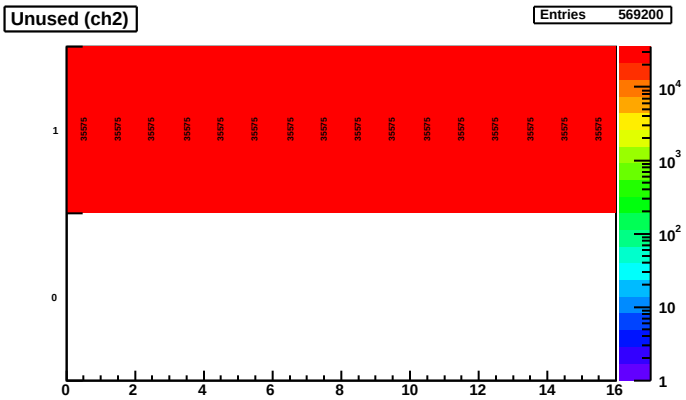

Barrel Jet Patches
Entries 640350
JP ADC
JP ID

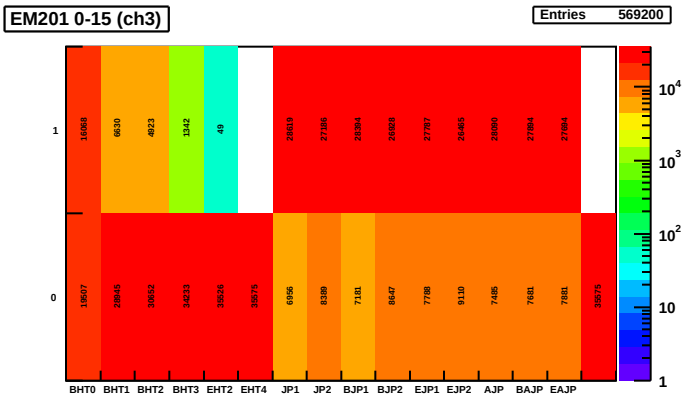

Endcap Jet Patches
Entries 213450
JP ADC
JP ID

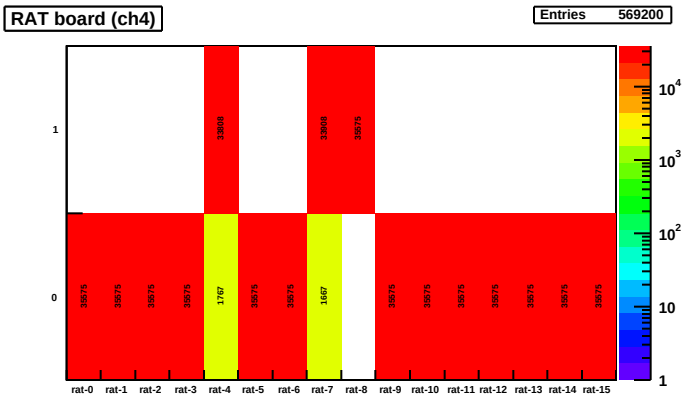

Hybrid Jet Patches
Entries 71150
JP ADC
JP ID

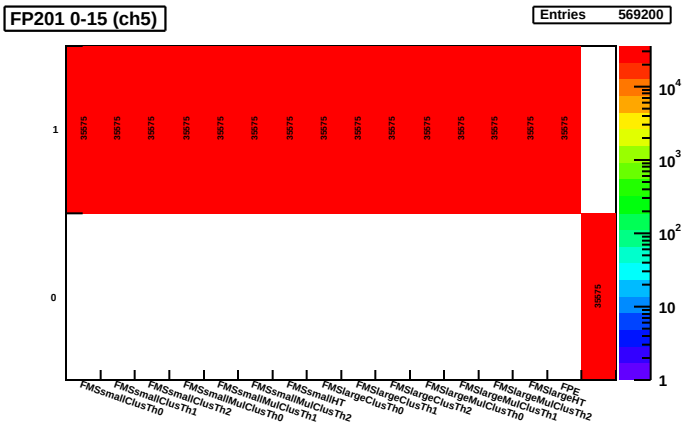

TF201 0-15 (ch0)
Entries 569200
1120
24707 32008 34717 33040 30927 32752 32777 32749 32761 32662 32596
34465 35575 35575 35575 10868 3567 858 2535 4648 2823 2798 2826 2814 2913 2979 35575
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

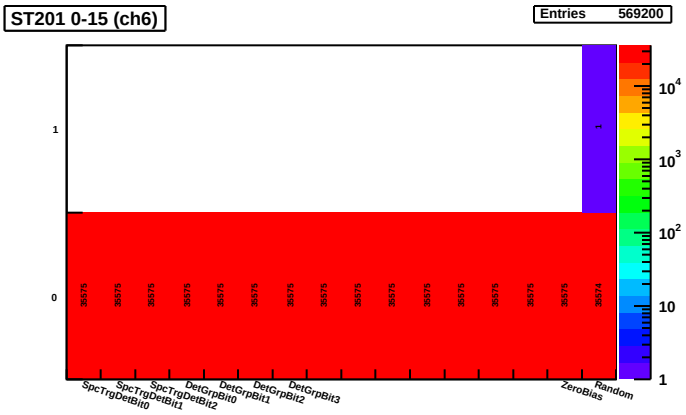

VT201 0-15 (ch1)
Entries 569200
31442 31593 31548 34837 34743 34182 34196 34189 2385 13867 34182 1061 30870 32268 32279
4133 3982 4027 35575 678 832 1393 1379 1386 33390 21708 1393 34514 4705 3307 3296
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

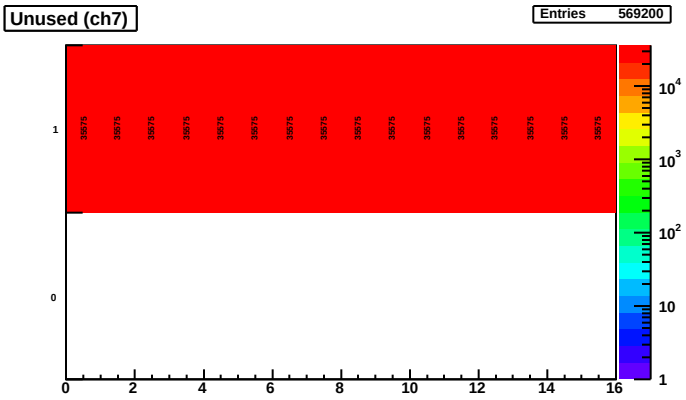

Unused (ch2)
Entries 569200
35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575

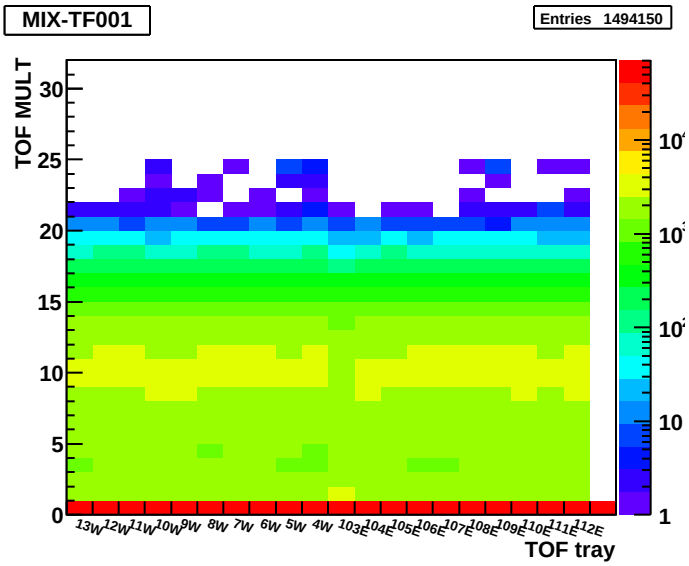

EM201 0-15 (ch3)
Entries 569200
15068 6630 4023 1342 49 28619 27186 23394 25928 27787 25465 28090 27894 27694
18507 28845 30652 34233 35526 35575 6956 8389 7181 8647 7788 9110 7485 7681 7881 35575
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

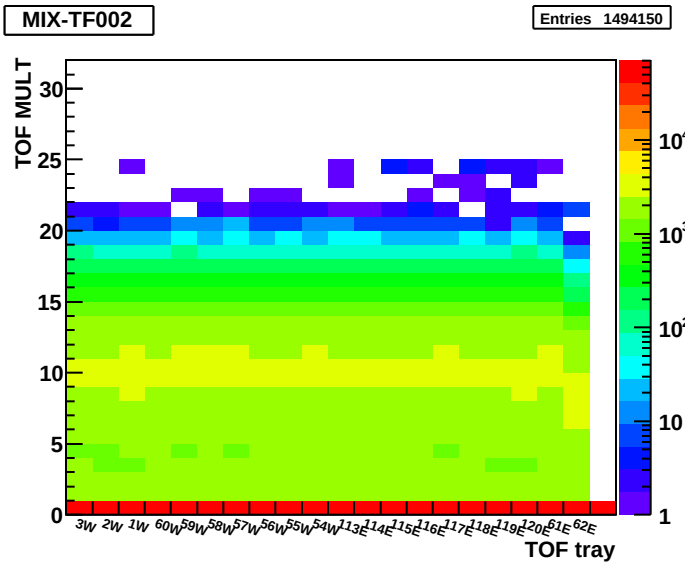

RAT board (ch4)
Entries 569200
33908 33908 35575
35575 35575 35575 35575 1767 35575 35575 1667 35575 35575 35575 35575 35575 35575 35575
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

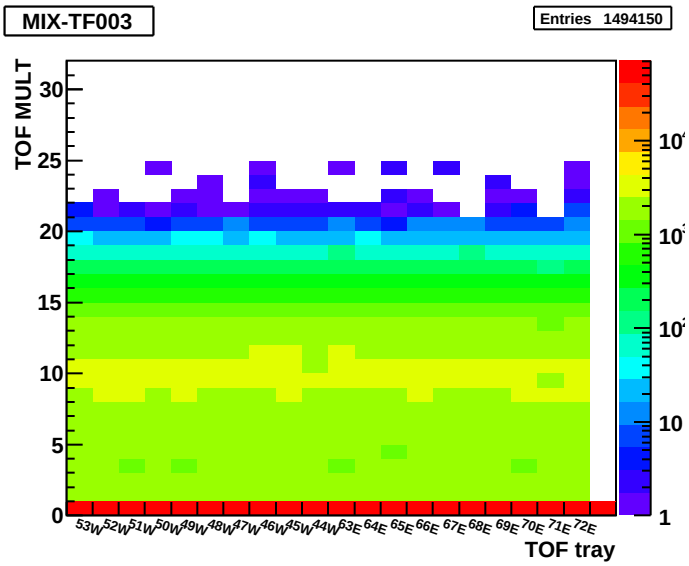

FP201 0-15 (ch5)
Entries 569200
35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575
35575
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

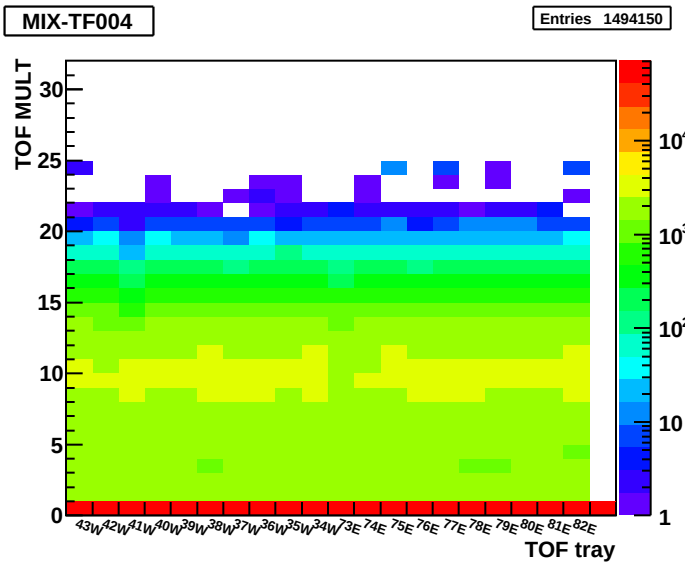

ST201 0-15 (ch6)
Entries 569200
1
35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35574
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetCrpBit0 DetCrpBit1 DetCrpBit2 DetCrpBit3 ZeroBias Random

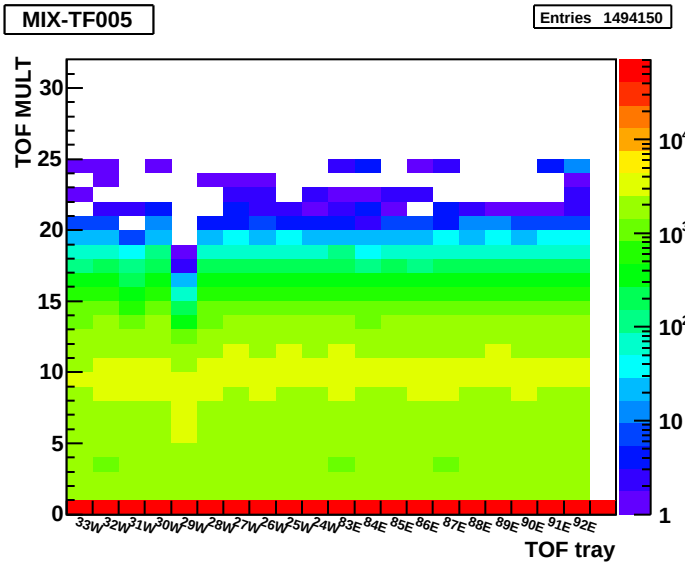

Unused (ch7)
Entries 569200
35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575 35575

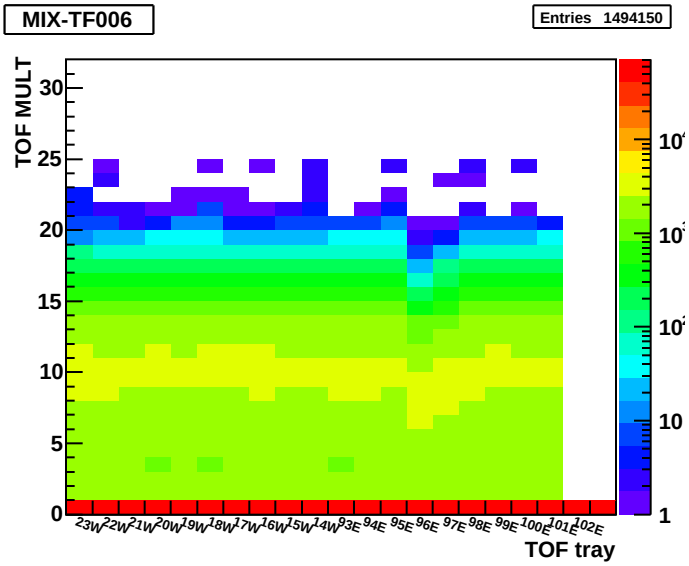

MIX-TF001
Entries 1494150
TOF MULT
TOF tray

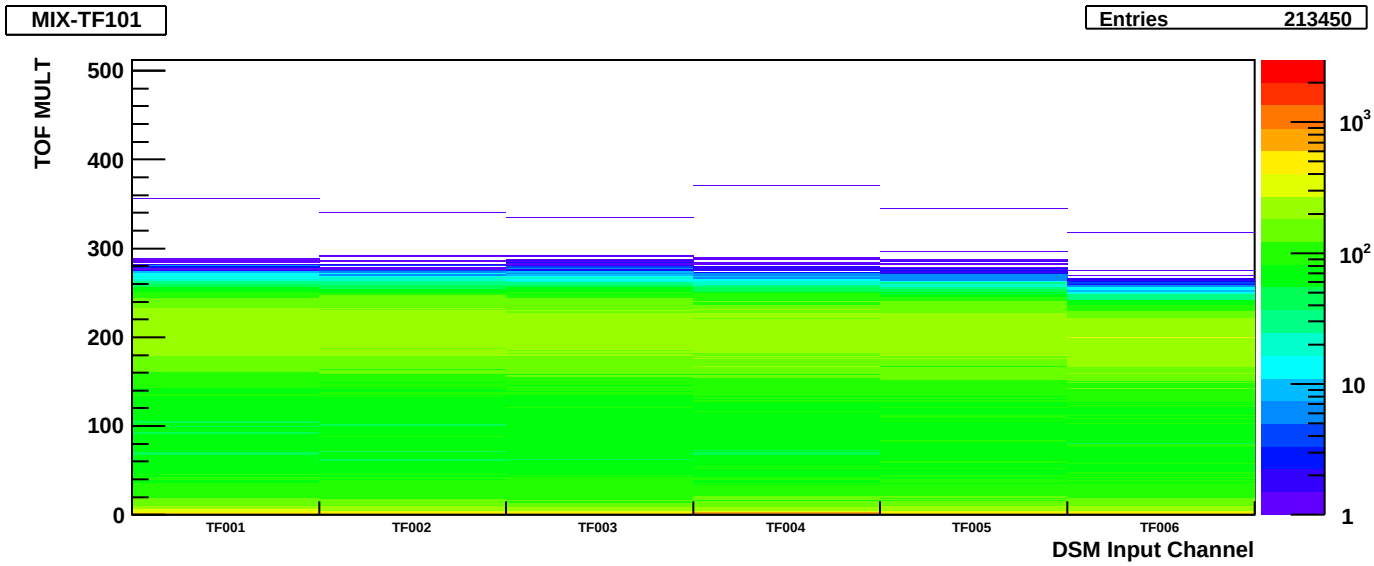

MIX-TF002
Entries 1494150
TOF MULT
TOF tray

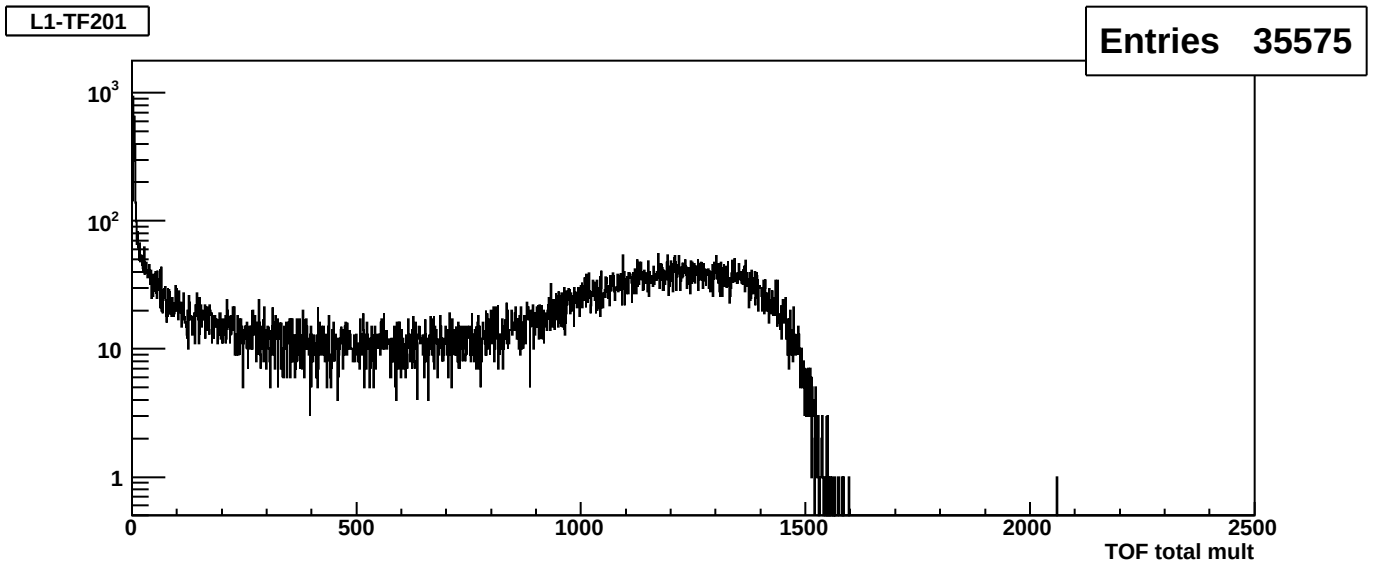

MIX-TF003
Entries 1494150
TOF MULT
TOF tray

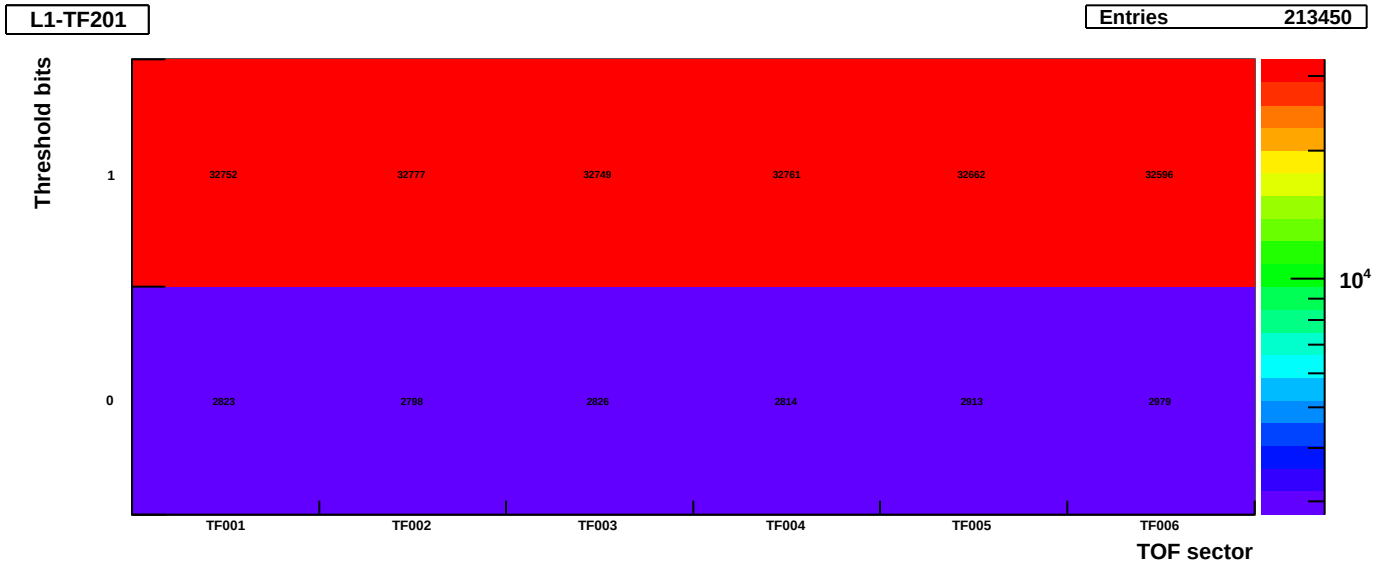

MIX-TF004
Entries 1494150
TOF MULT
TOF tray

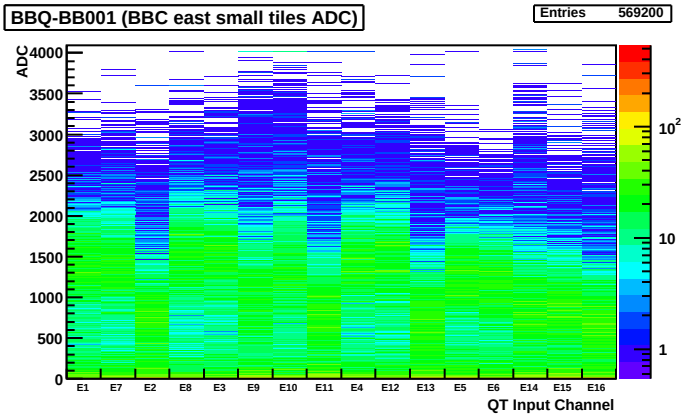

MIX-TF005
Entries 1494150
TOF MULT
TOF tray

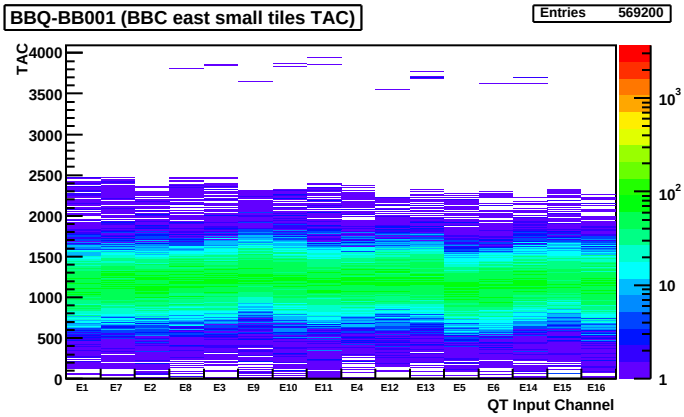

MIX-TF006
Entries 1494150
TOF MULT
TOF tray

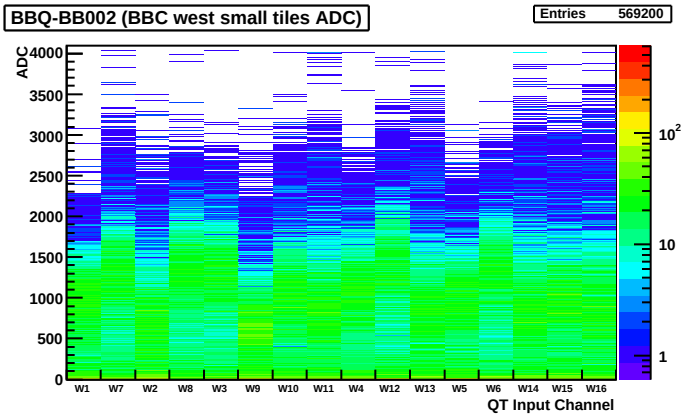

MIX-TF101
Entries 213450
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

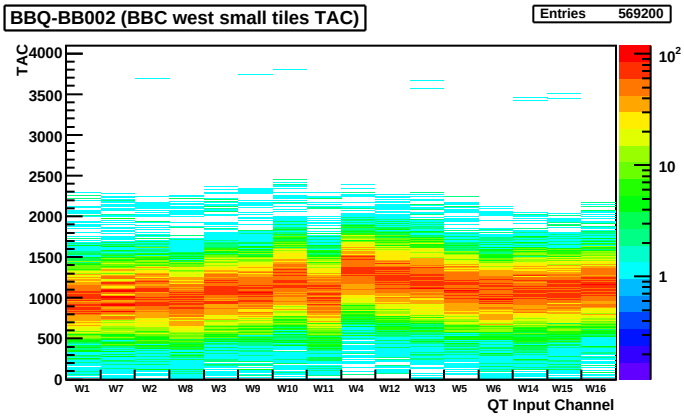

L1-TF201
Entries 35575
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

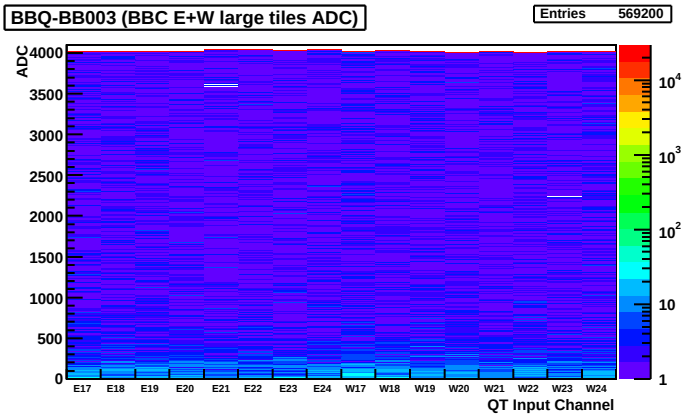

L1-TF201
Entries 213450
Threshold bits
1
0
32752
32777
32749
32761
32662
32596
2823
2798
2826
2814
2913
2979
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

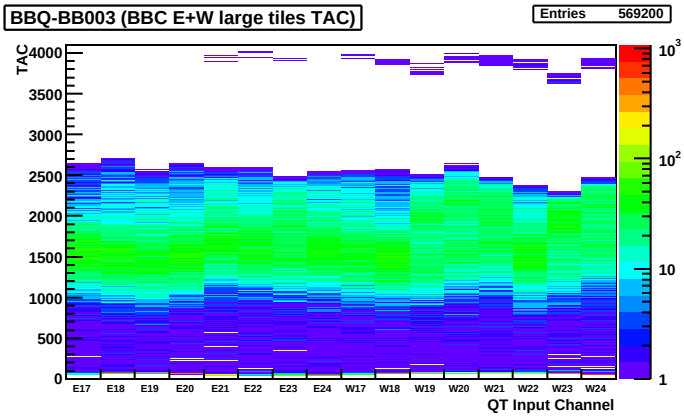

BBQ-BB001 (BBC east small tiles ADC)
Entries 569200
ADC
QT Input Channel

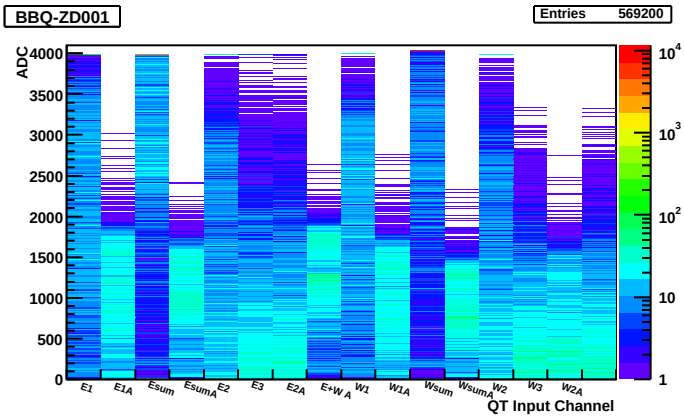

BBQ-BB001 (BBC east small tiles TAC)
Entries 569200
TAC
QT Input Channel

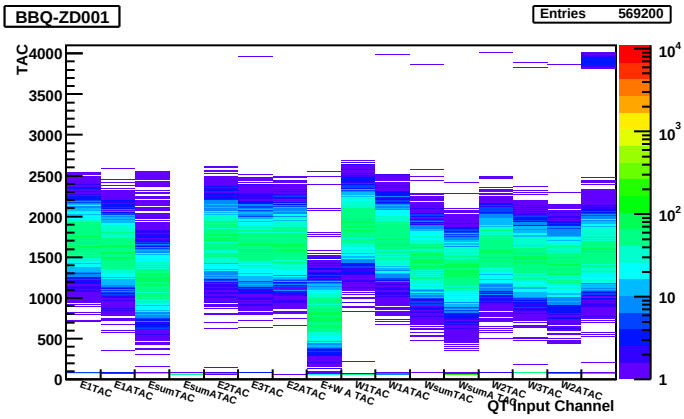

BBQ-BB002 (BBC west small tiles ADC)
Entries 569200
ADC
QT Input Channel

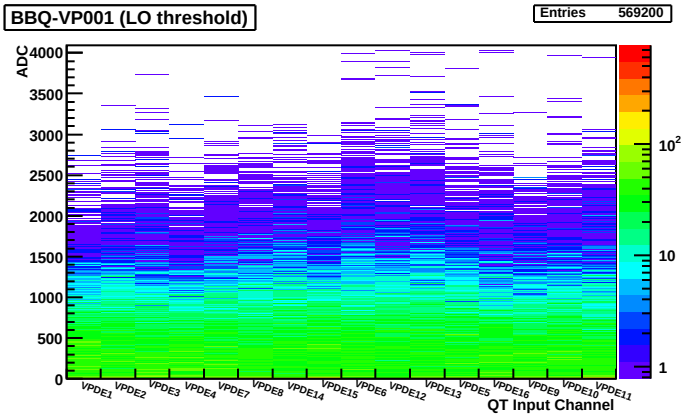

BBQ-BB002 (BBC west small tiles TAC)
Entries 569200
TAC
QT Input Channel

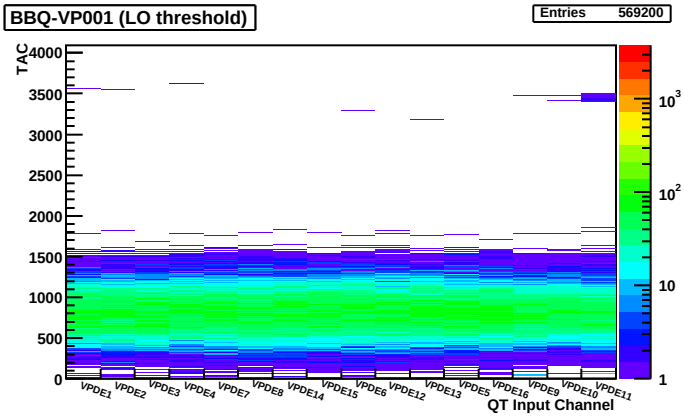

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 569200
ADC
QT Input Channel

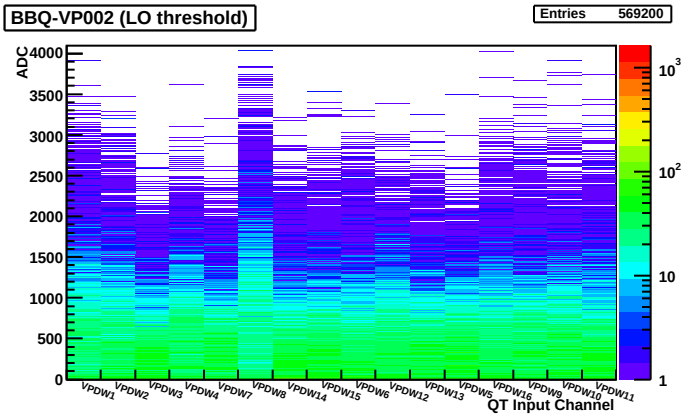

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 569200
TAC
QT Input Channel

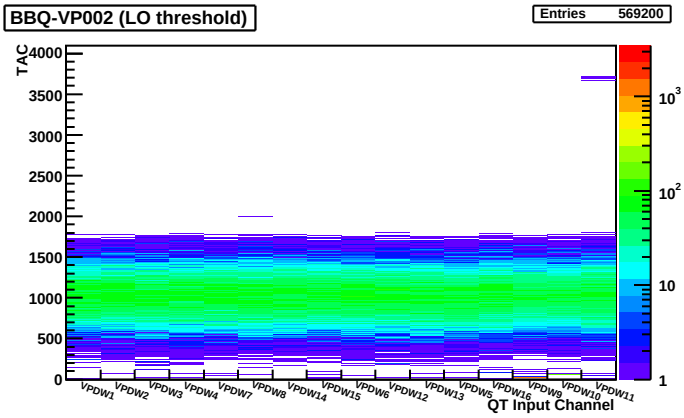

BBQ-ZD001
Entries 569200
ADC
QT Input Channel

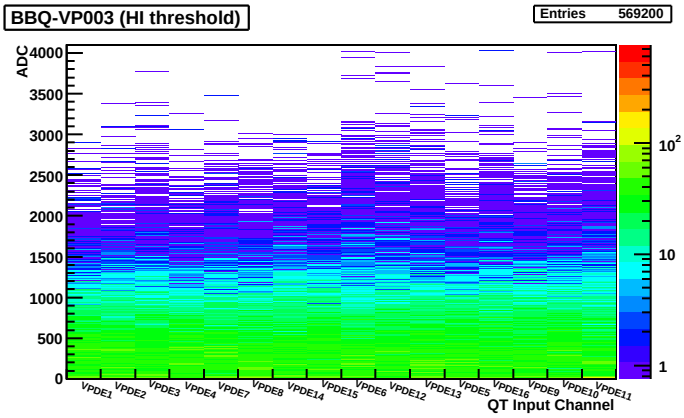

BBQ-ZD001
Entries 569200
TAC
QT Input Channel

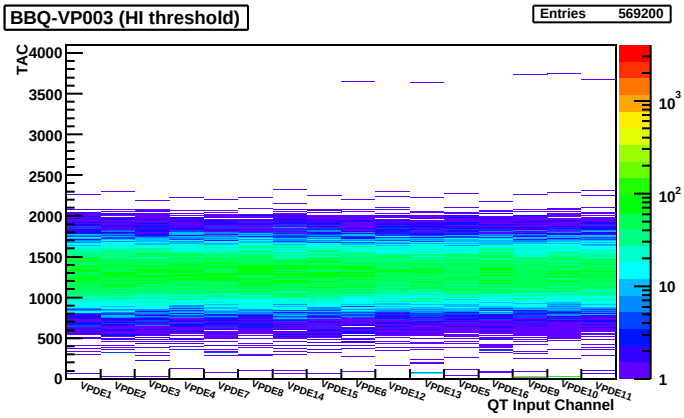

BBQ-VP001 (LO threshold)
Entries 569200
ADC
QT Input Channel

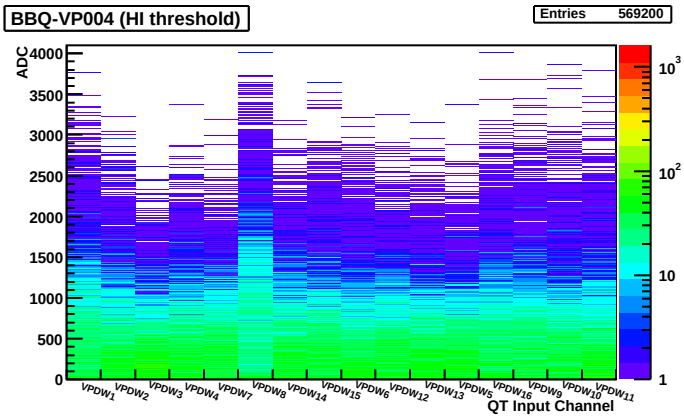

BBQ-VP001 (LO threshold)
Entries 569200
TAC
QT Input Channel

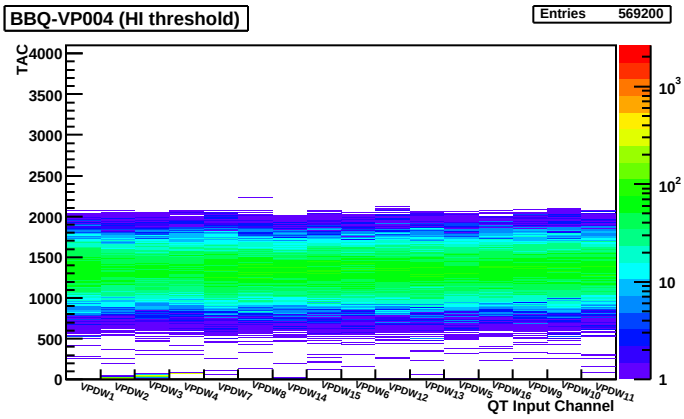

BBQ-VP002 (LO threshold)
Entries 569200
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 569200
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 569200
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 569200
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 569200
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 569200
TAC
QT Input Channel