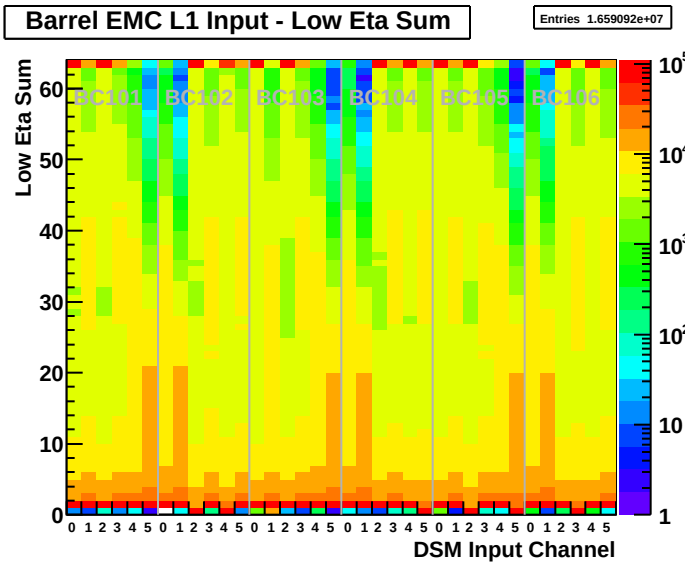
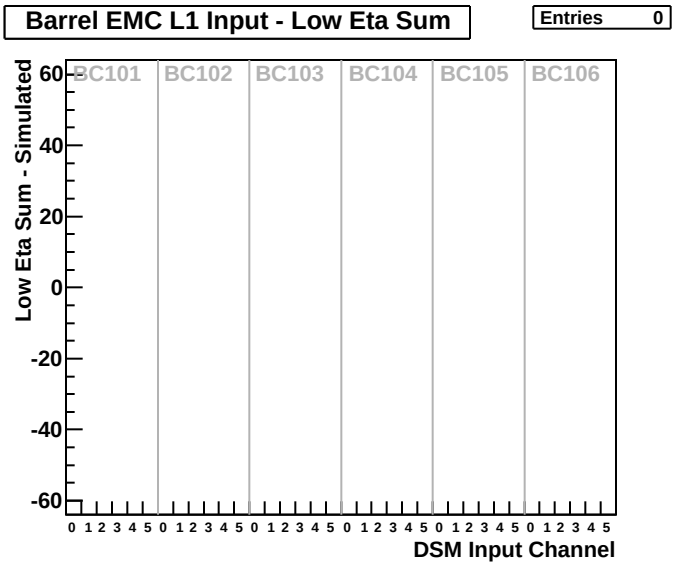
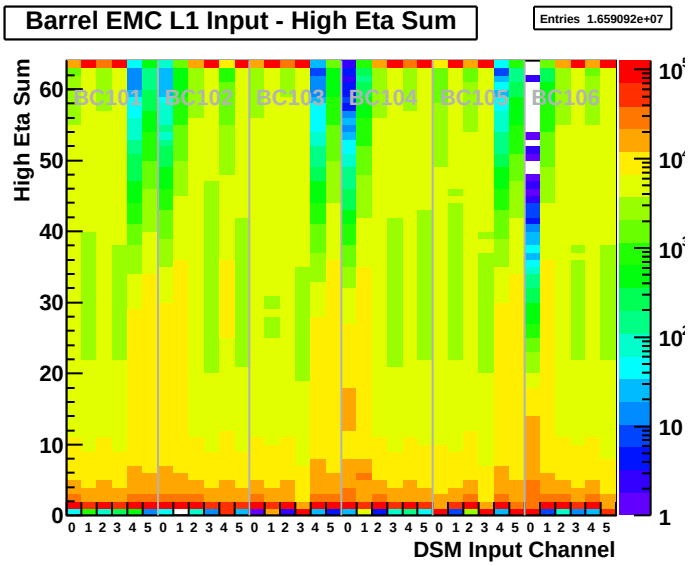
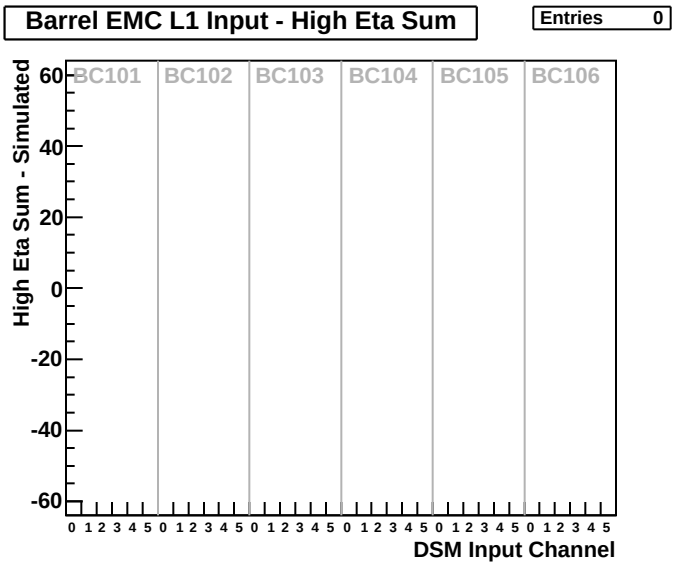
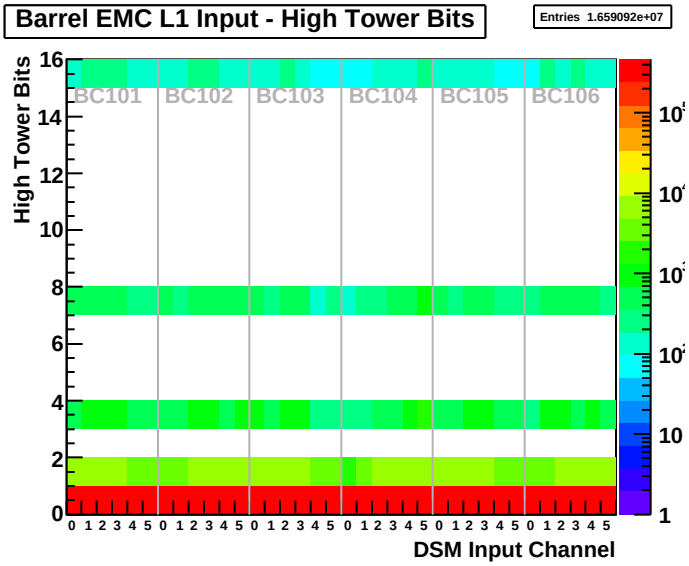
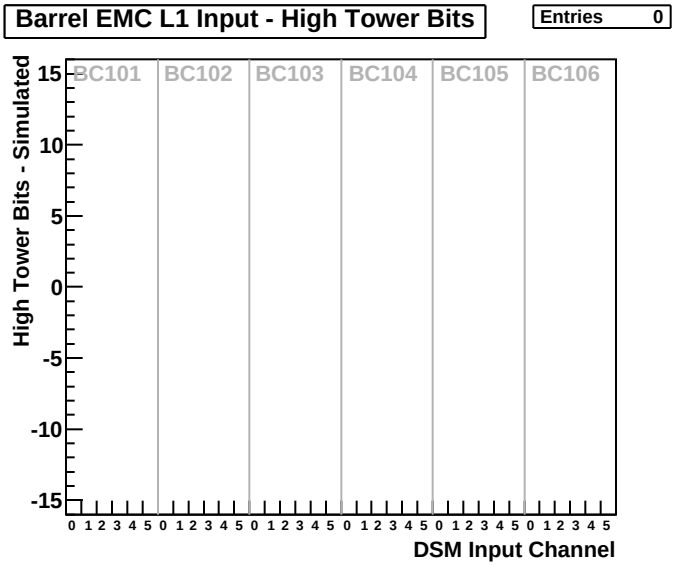

Barrel EMC L1 Input - Low Eta Sum
Entries 1.659092e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

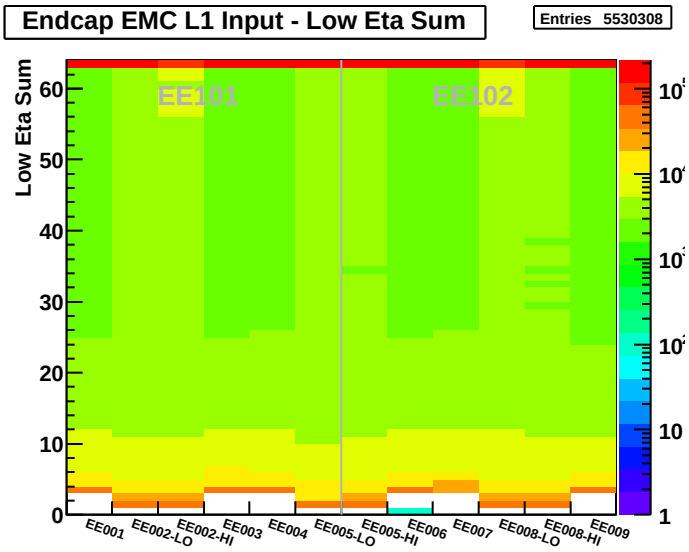

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

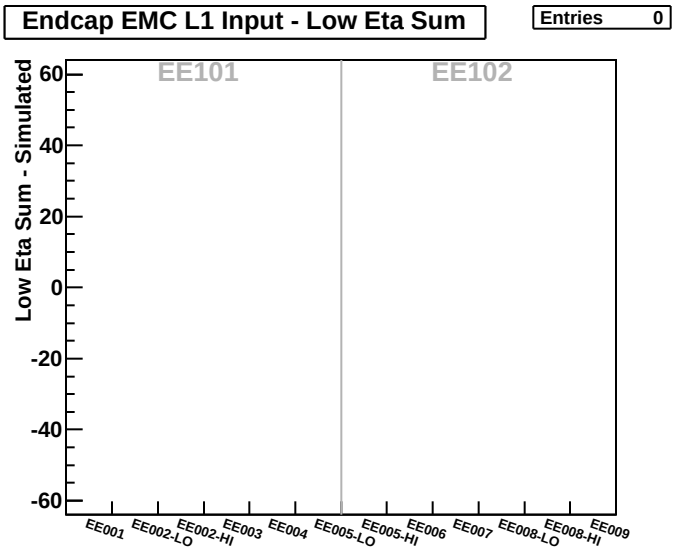

Barrel EMC L1 Input - High Eta Sum
Entries 1.659092e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

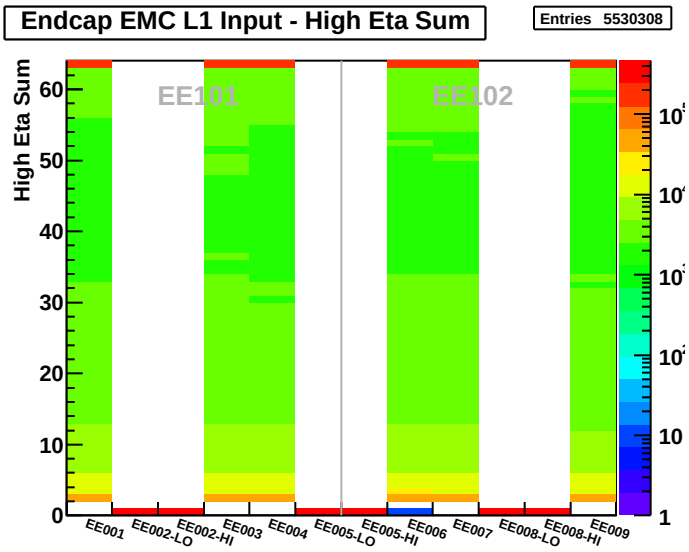

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

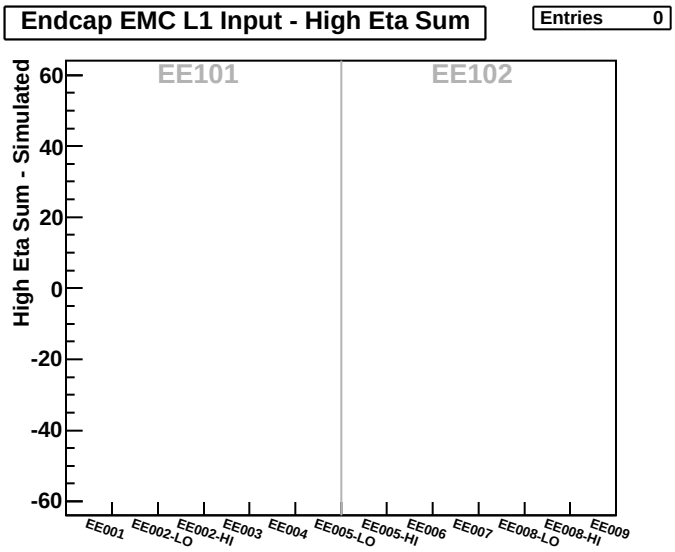

Barrel EMC L1 Input - High Tower Bits
Entries 1.659092e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

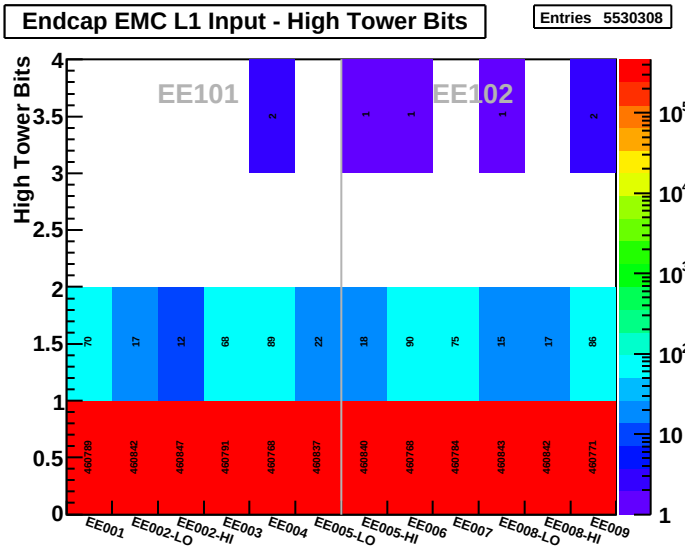

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

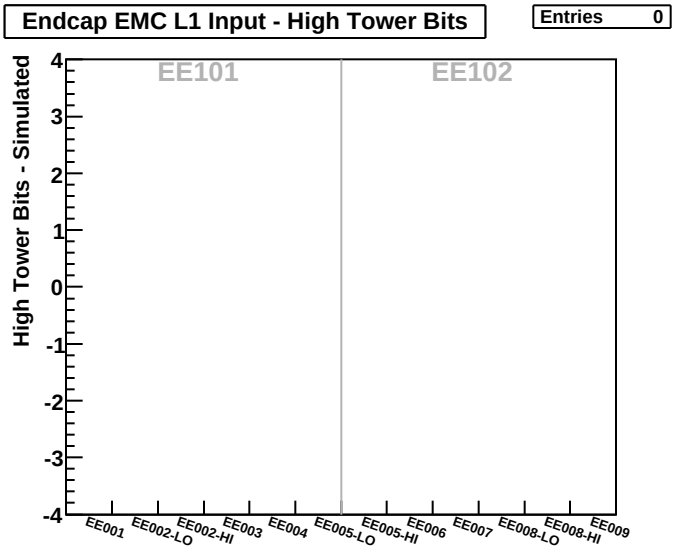

Endcap EMC L1 Input - Low Eta Sum
Entries 5530308
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

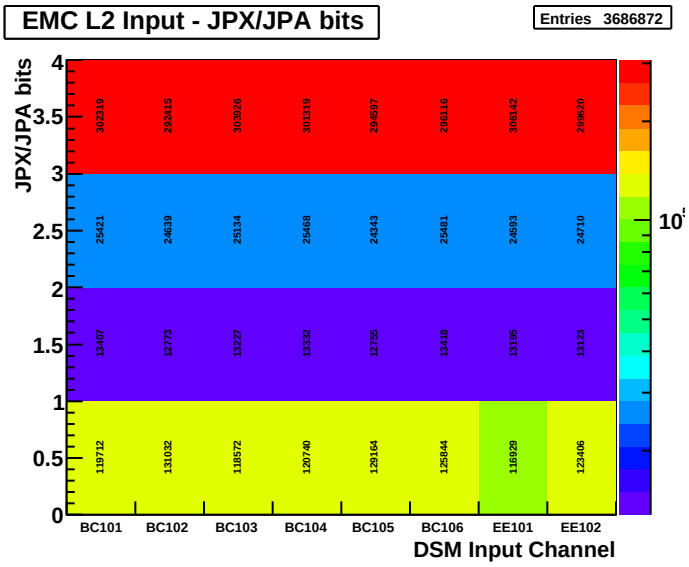

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

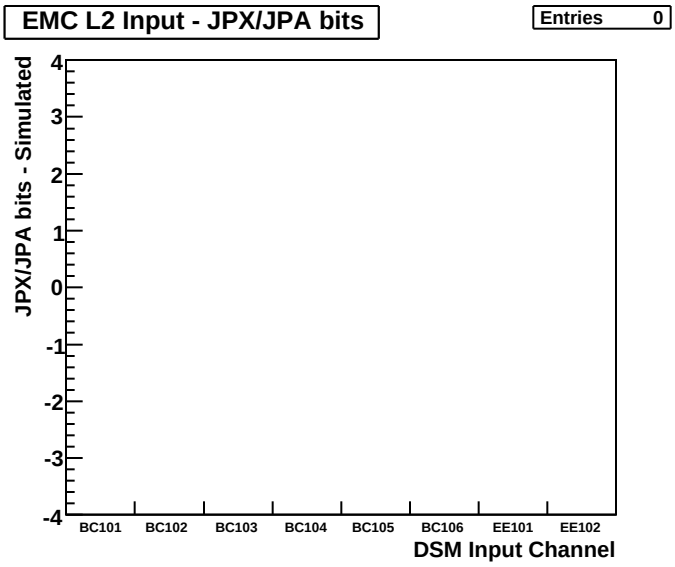

Endcap EMC L1 Input - High Eta Sum
Entries 5530308
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

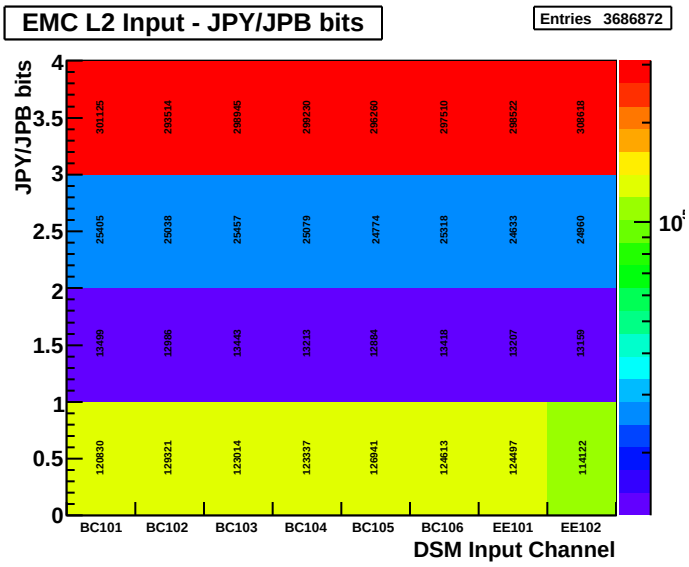

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

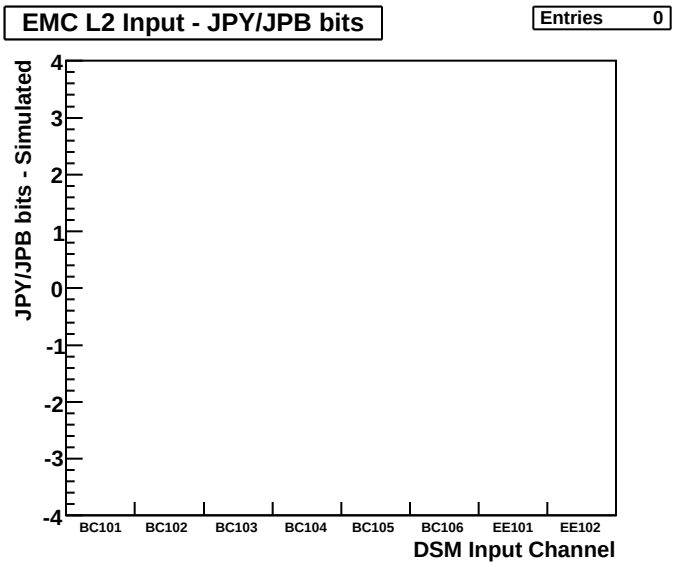

Endcap EMC L1 Input - High Tower Bits
Entries 5530308
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

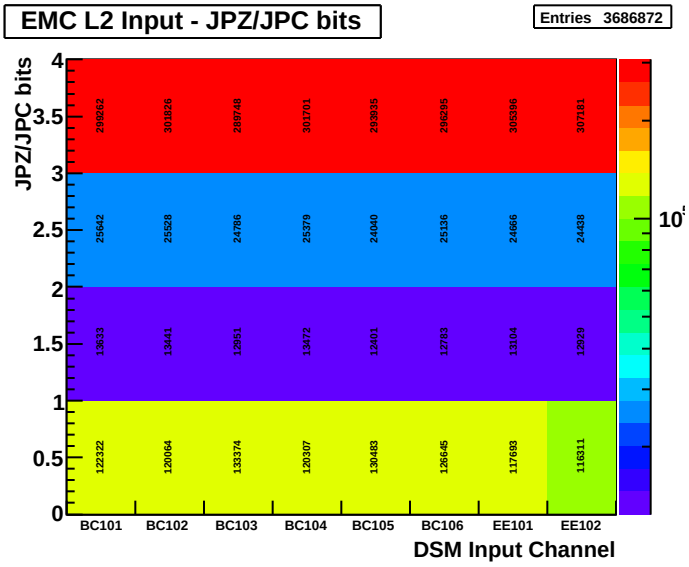

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

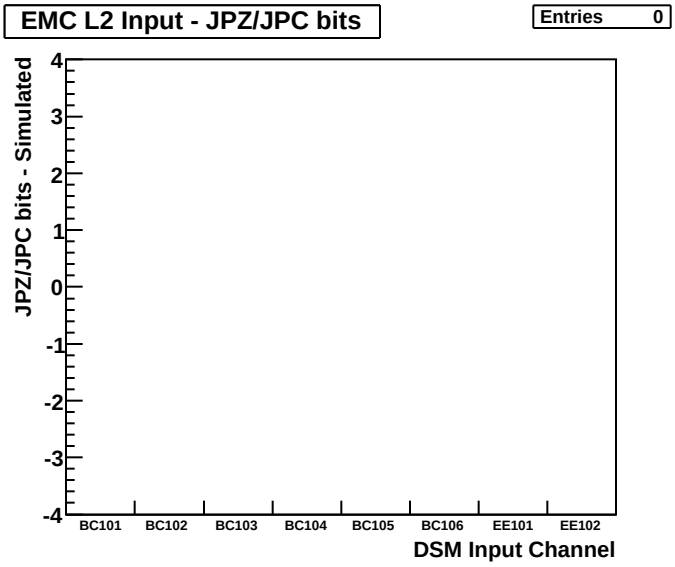

EMC L2 Input - JPX/JPA bits
Entries 3686872
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
302319 292415 303826 301319 294597 296116 306142 299620
25421 24639 25134 25468 24343 25481 24593 24710
13407 12773 13227 13332 12755 13418 13195 13123
119712 131032 118572 120740 129164 125844 116929 123406

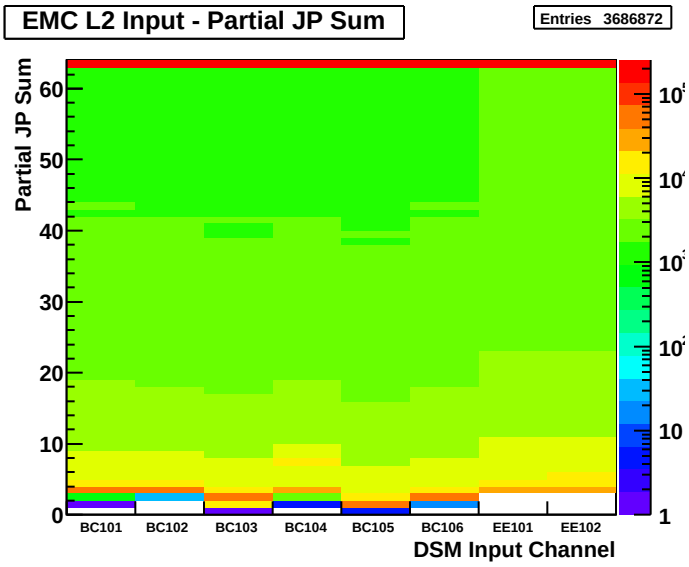

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

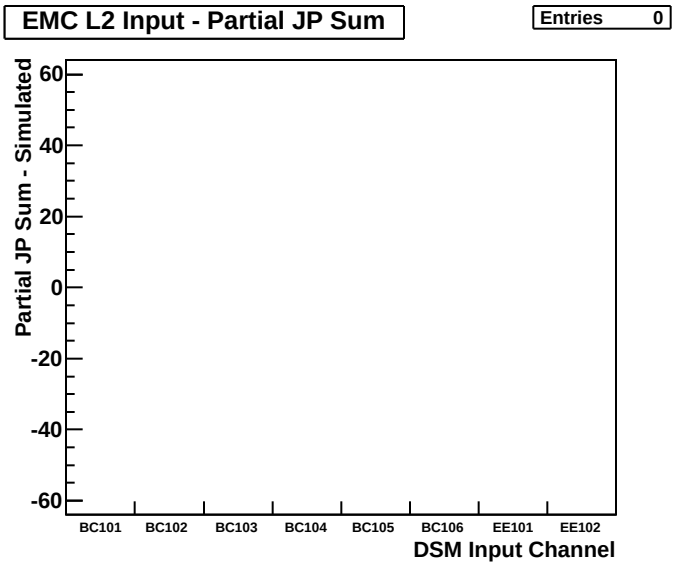

EMC L2 Input - JPY/JPB bits
Entries 3686872
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
301125 293514 298945 299230 296260 297510 298522 308618
25405 25938 25457 25979 24774 25318 24633 24960
13499 12986 13443 13213 12884 13418 13207 13159
120830 128321 123014 123337 126941 124613 124497 114122

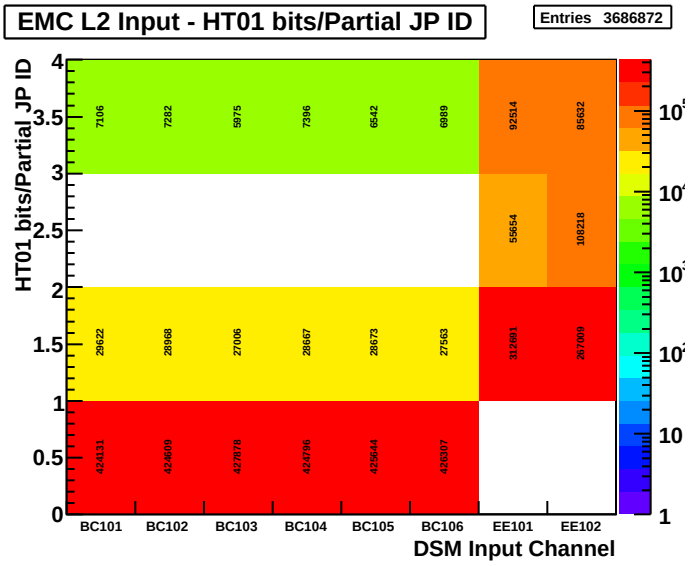

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

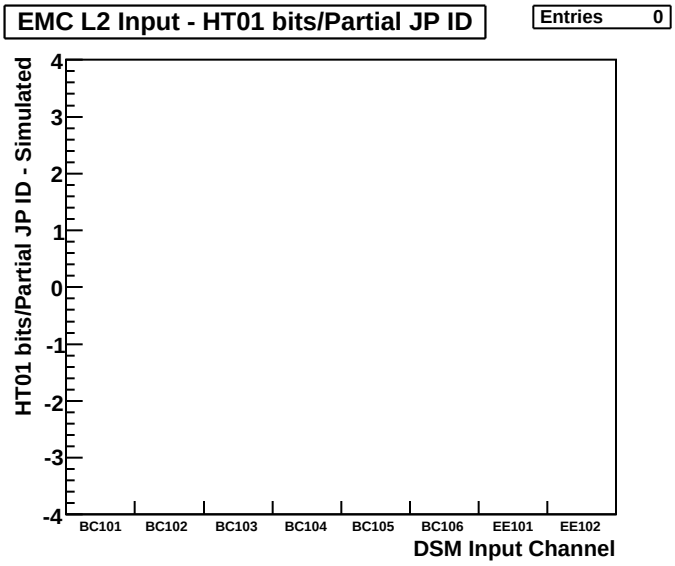

EMC L2 Input - JPZ/JPC bits
Entries 3686872
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
298262 303826 283748 303701 293935 292295 305396 307181
25642 25528 24786 25379 24040 25136 24666 24438
13533 13441 12951 13472 12401 12783 13104 12929
122322 120064 133374 120307 130483 126645 117693 116311

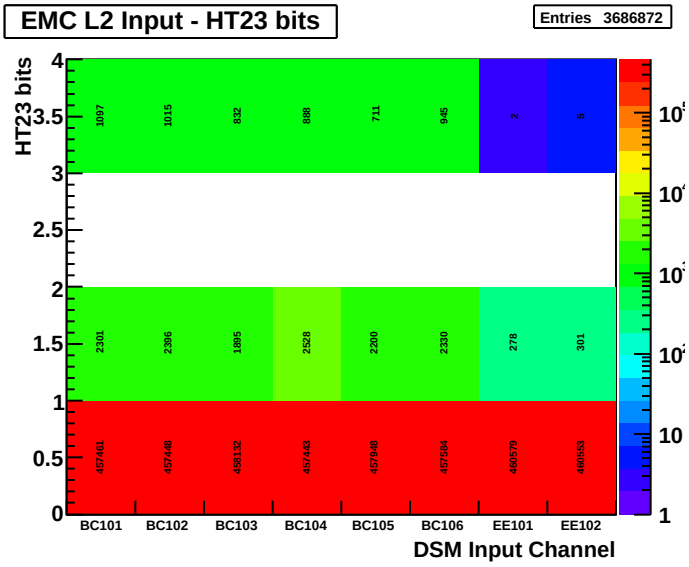

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

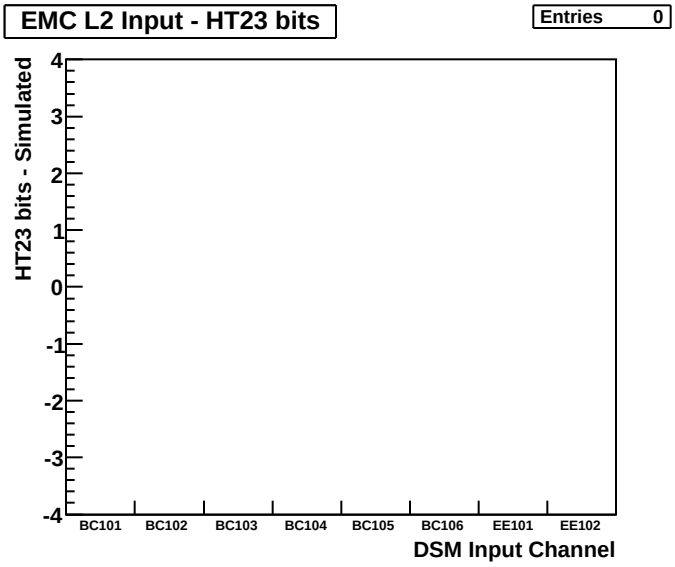

EMC L2 Input - Partial JP Sum
Entries 3686872
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

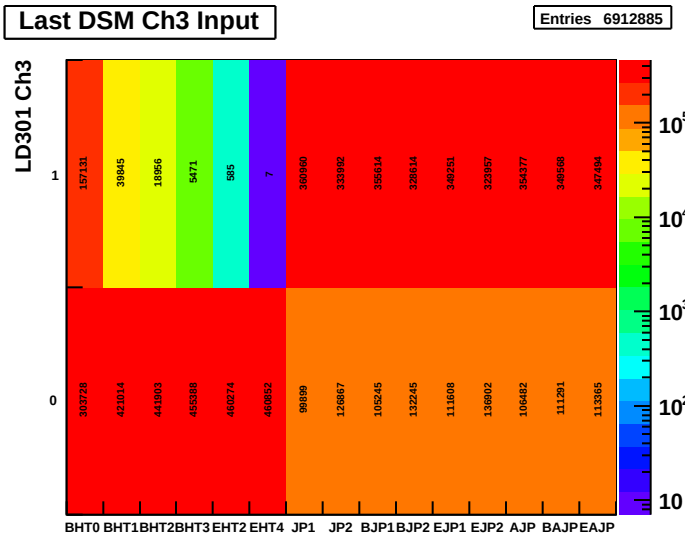

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

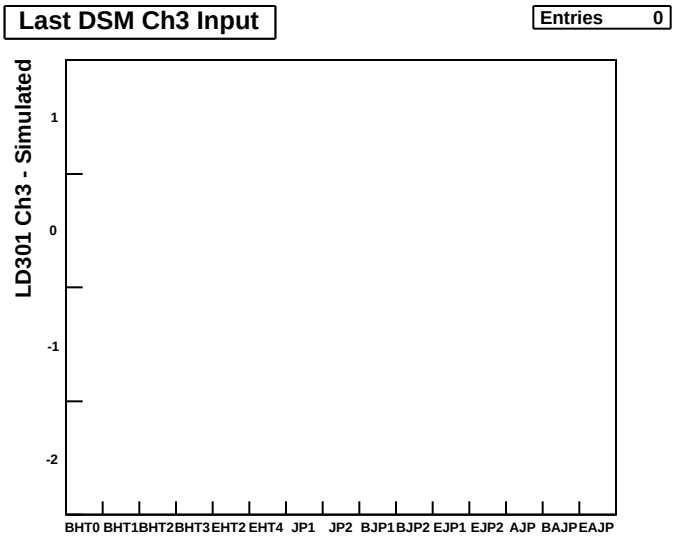

EMC L2 Input - HT01 bits/Partial JP ID
Entries 3686872
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

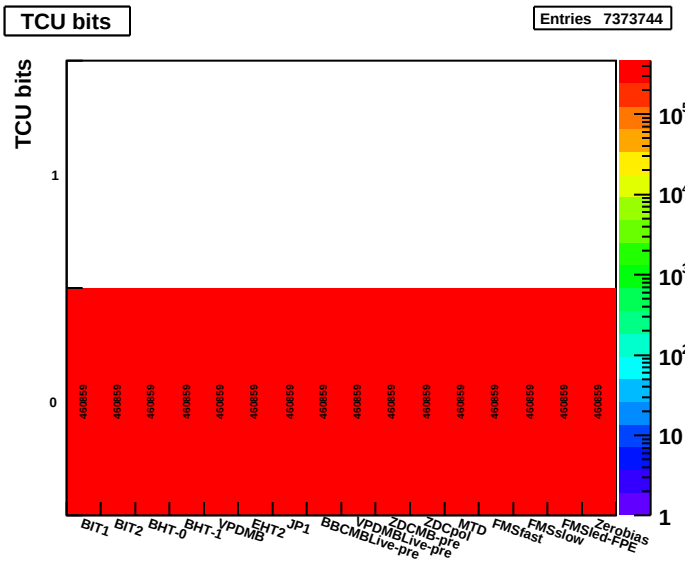

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

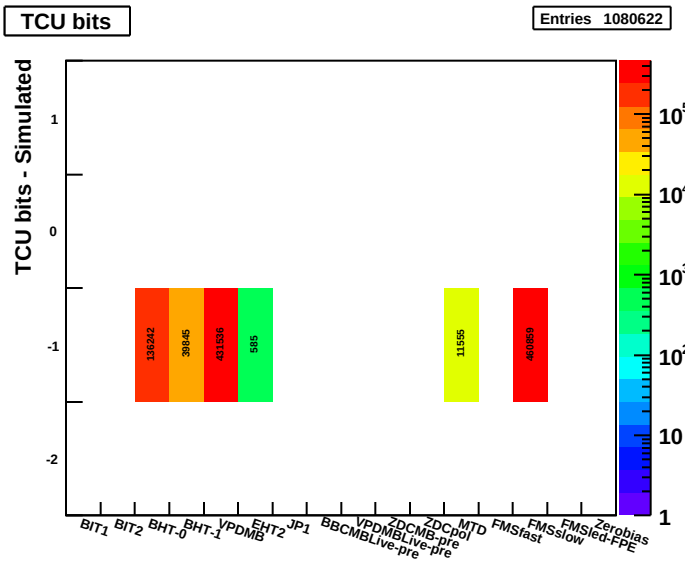

EMC L2 Input - HT23 bits
Entries 3686872
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

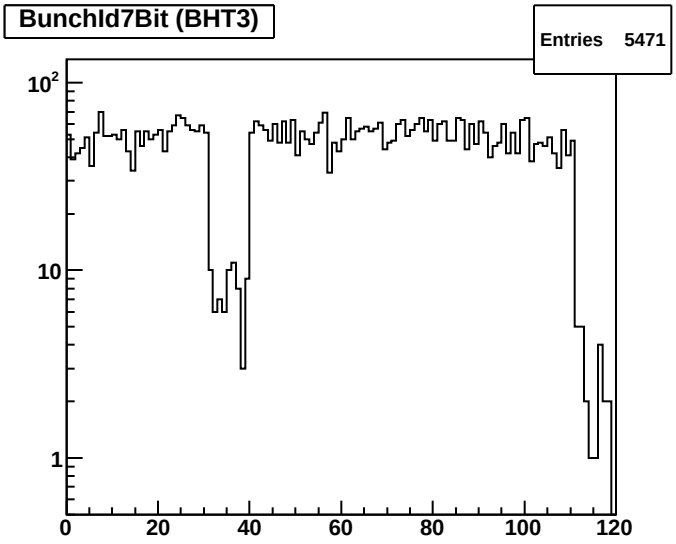

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

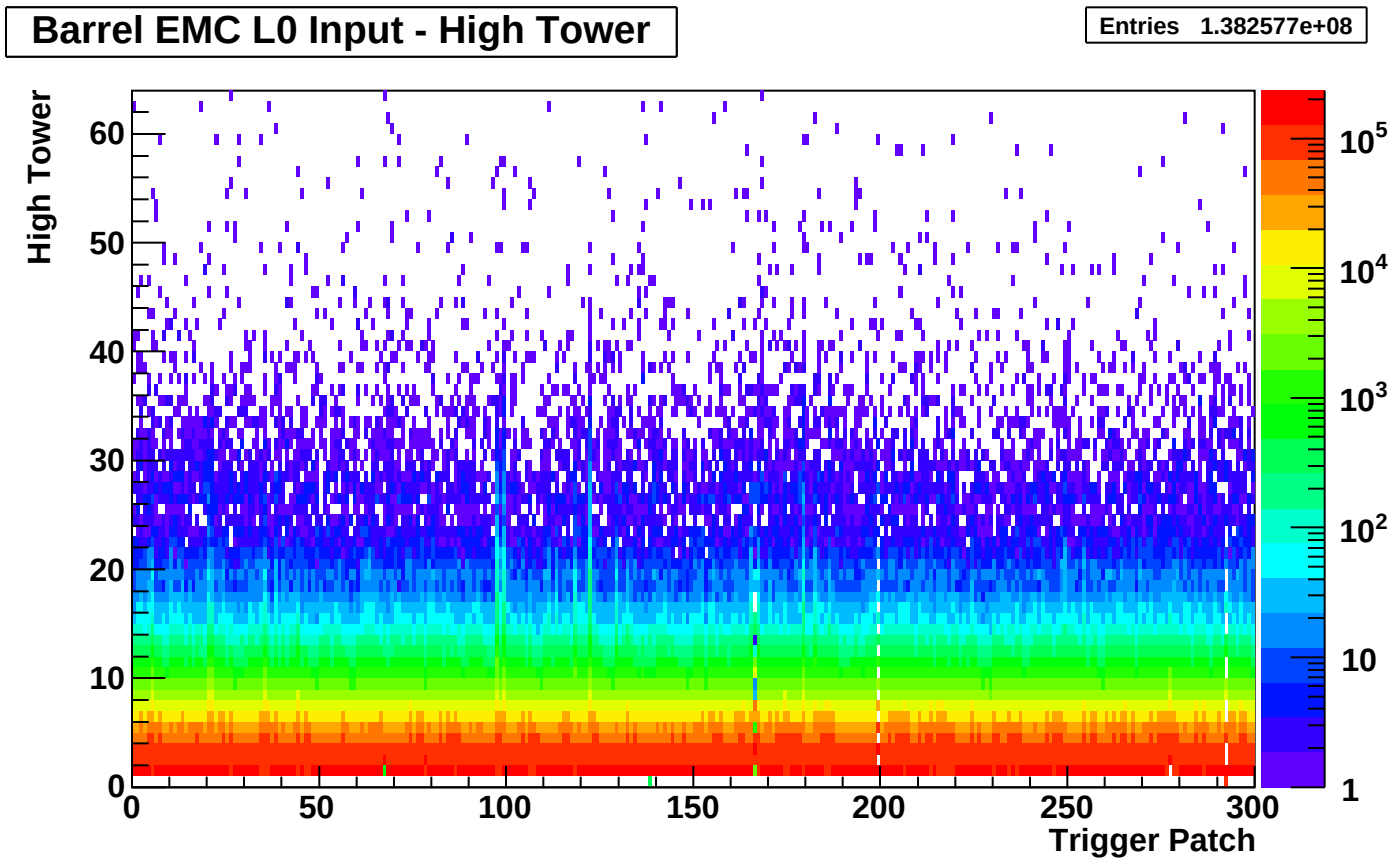

Last DSM Ch3 Input
Entries 6912885
LD301 Ch3
157131 39845 18956 5471 585 7 360960 333982 355614 328614 349251 323957 354377 349568 347494
303728 421014 441903 455388 460274 460852 99899 126867 105245 132245 111608 136902 106482 111291 113365
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

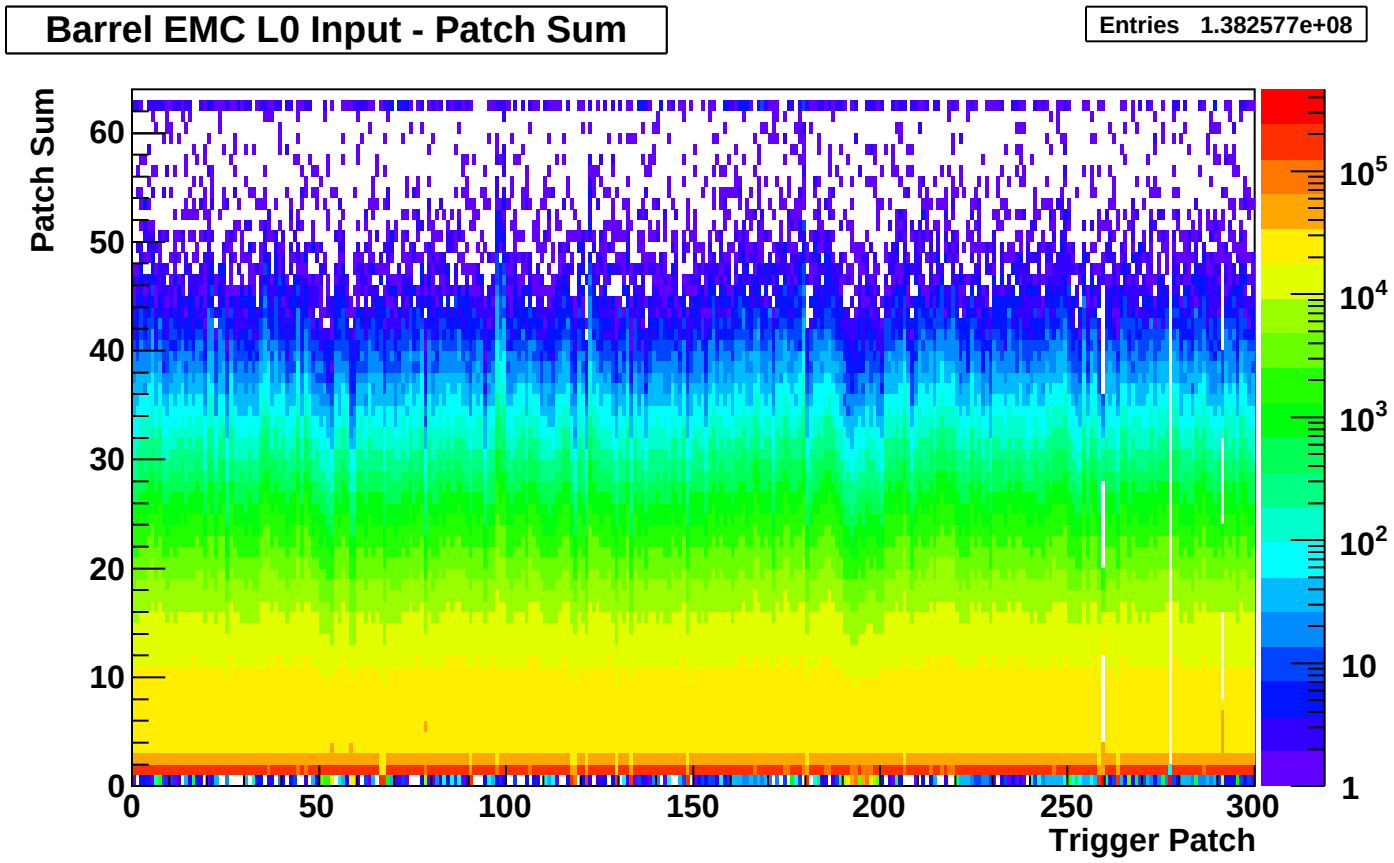

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

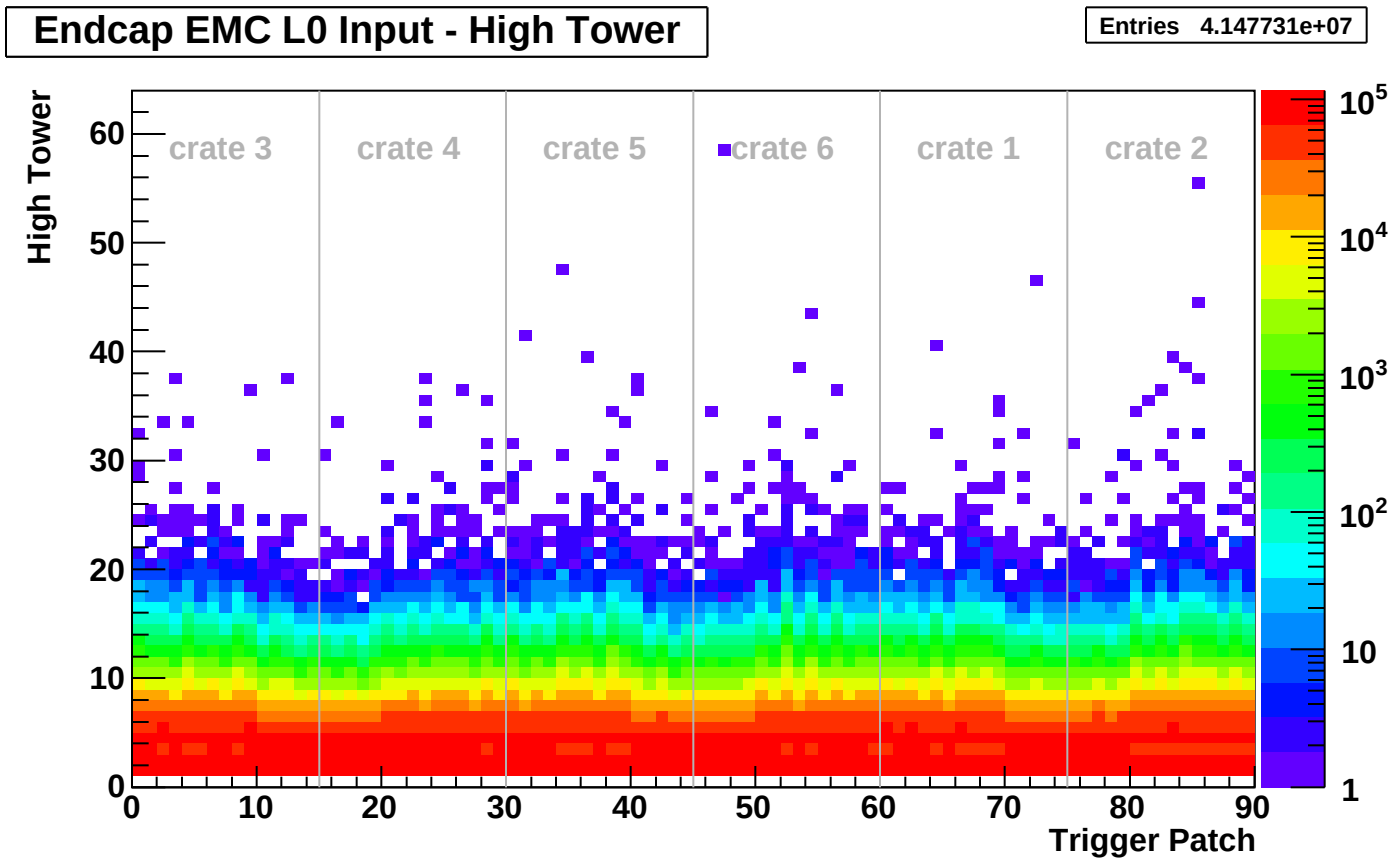

TCU bits
Entries 7373744
TCU bits
460859
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

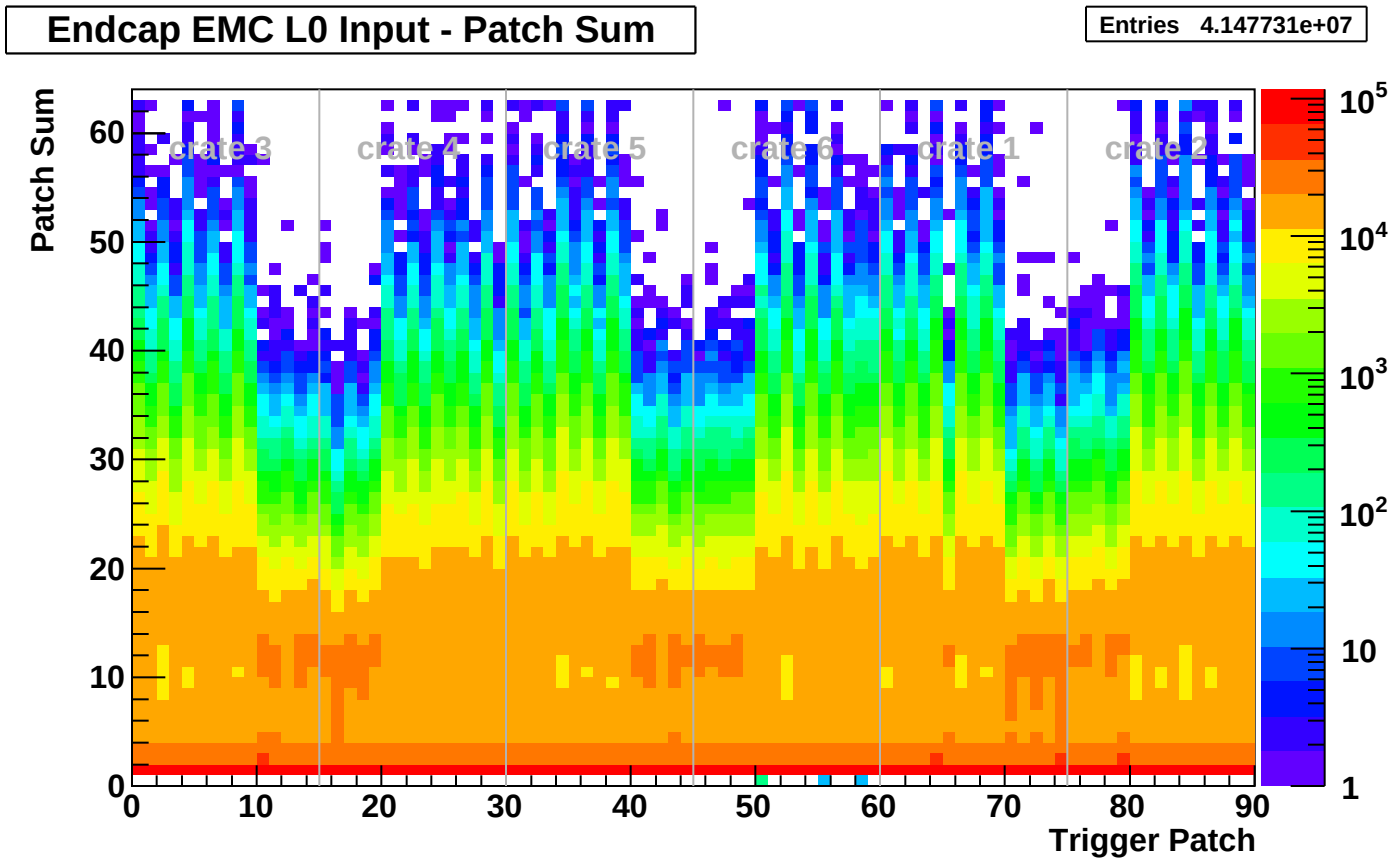

TCU bits
Entries 1080622
TCU bits - Simulated
136242 39845 431536 585 11555 460859
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

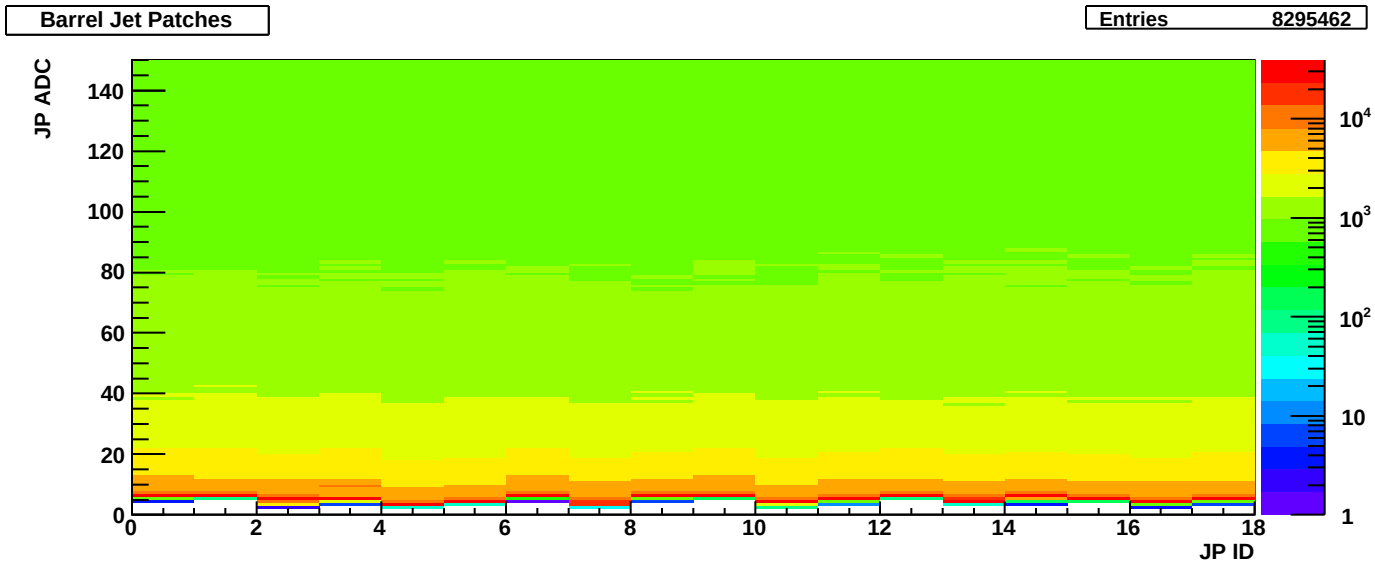

BunchId7Bit (BHT3)
Entries 5471

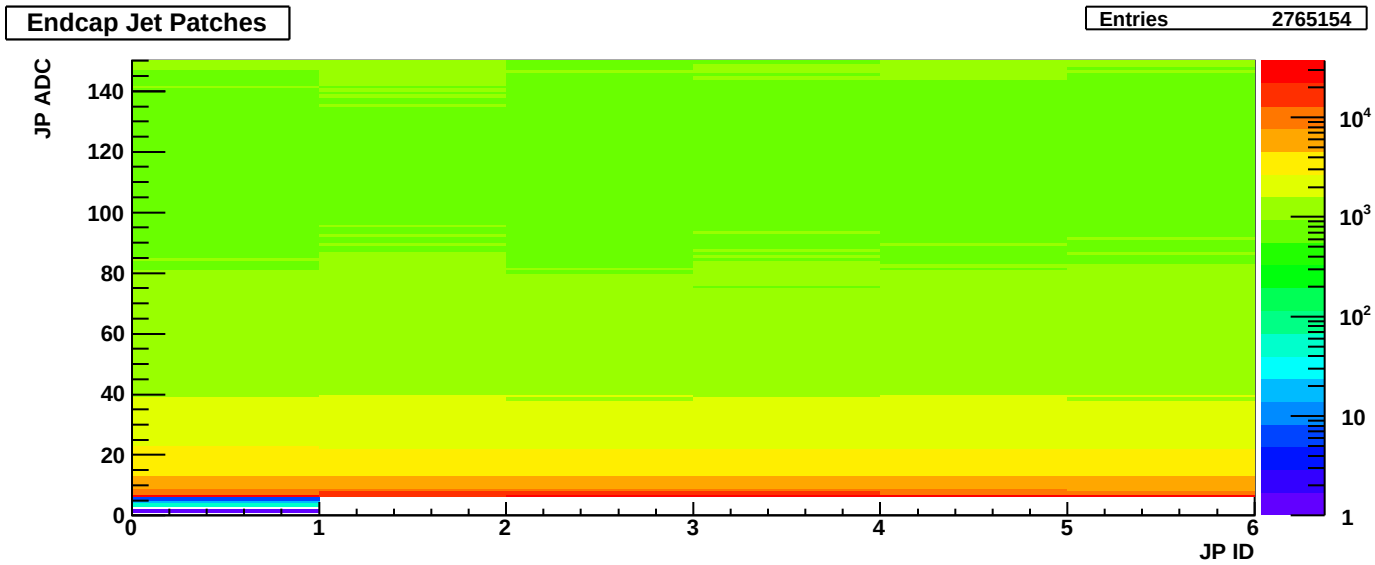

Barrel EMC L0 Input - High Tower
Entries 1.382577e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

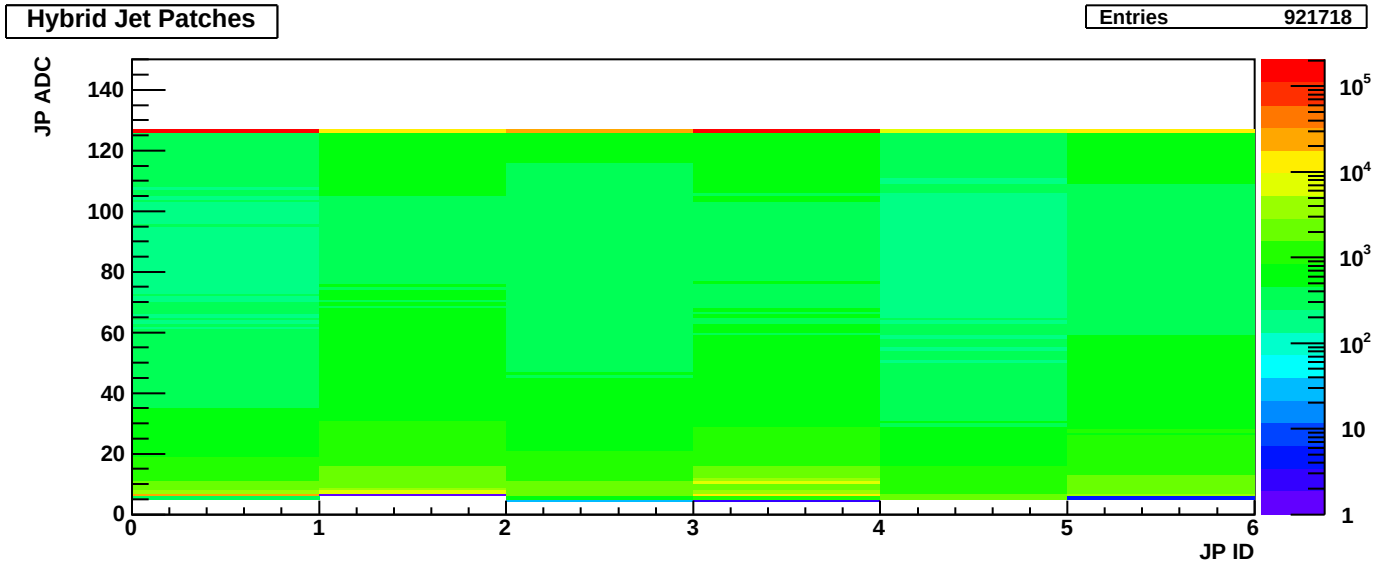

Barrel EMC L0 Input - Patch Sum
Entries 1.382577e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5


Endcap EMC L0 Input - High Tower
Entries 4.147731e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch


Endcap EMC L0 Input - Patch Sum
Entries 4.147731e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

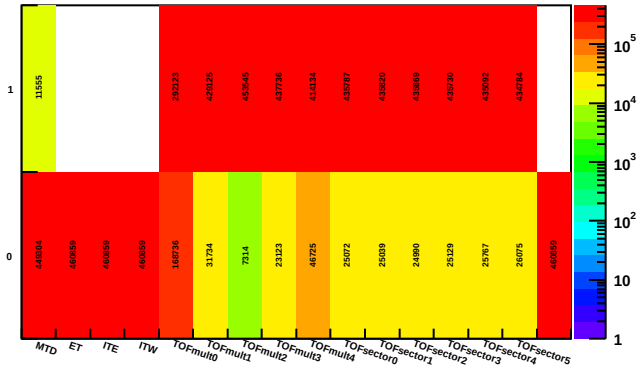

Barrel Jet Patches
Entries 8295462
JP ADC
JP ID


Endcap Jet Patches
Entries 2765154
JP ADC
JP ID


Hybrid Jet Patches
Entries 921718
JP ADC
JP ID

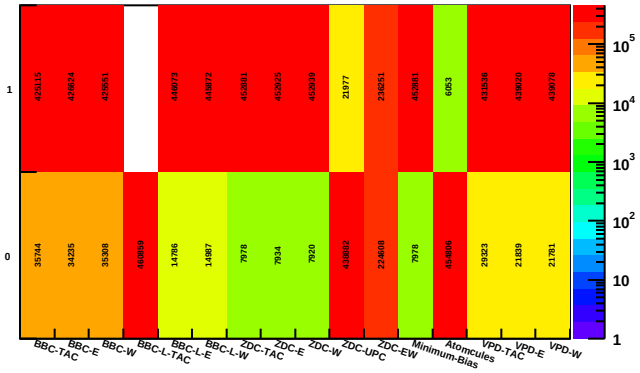
TF201 0-15 (ch0)

Entries 7373744



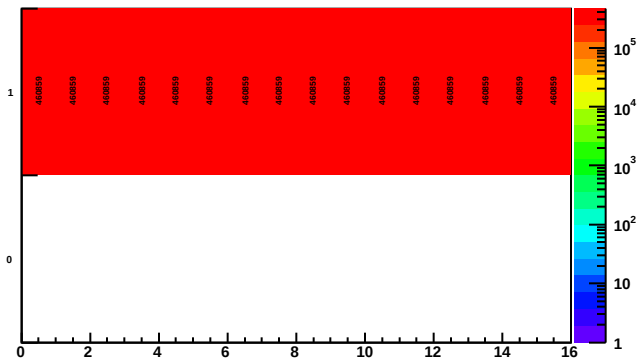
VT201 0-15 (ch1)

Entries 7373744



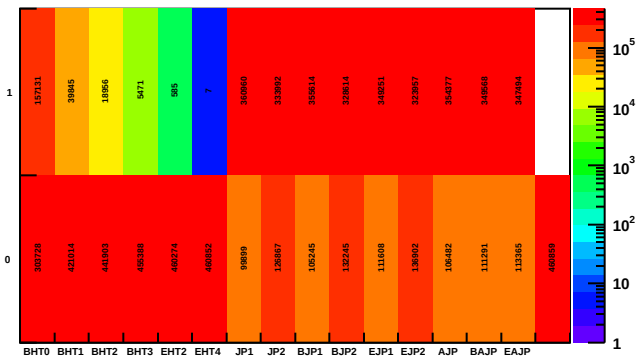
Unused (ch2)

Entries 7373744



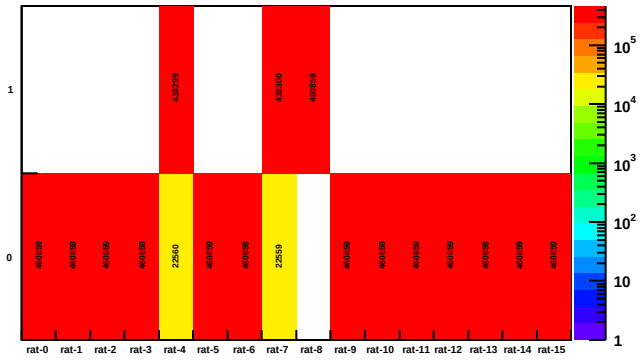
EM201 0-15 (ch3)

Entries 7373744



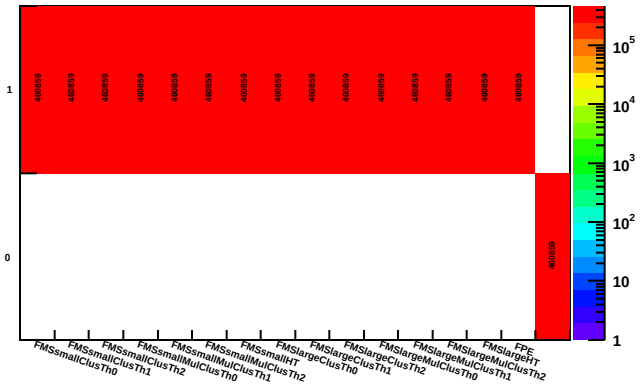
RAT board (ch4)

Entries 7373744



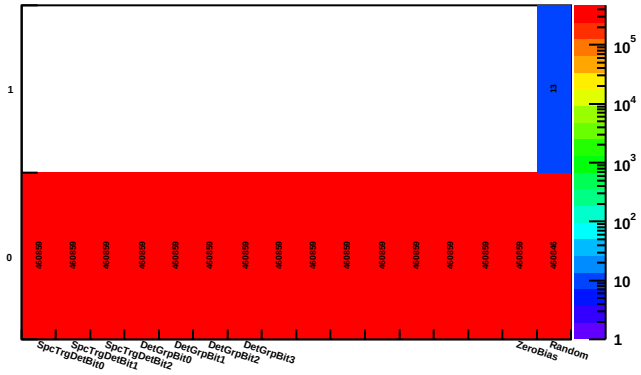
FP201 0-15 (ch5)

Entries 7373744



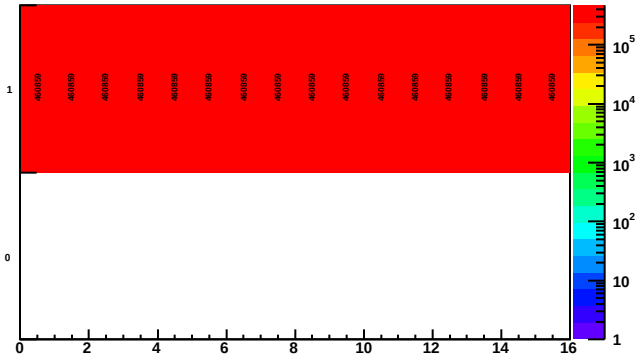
ST201 0-15 (ch6)

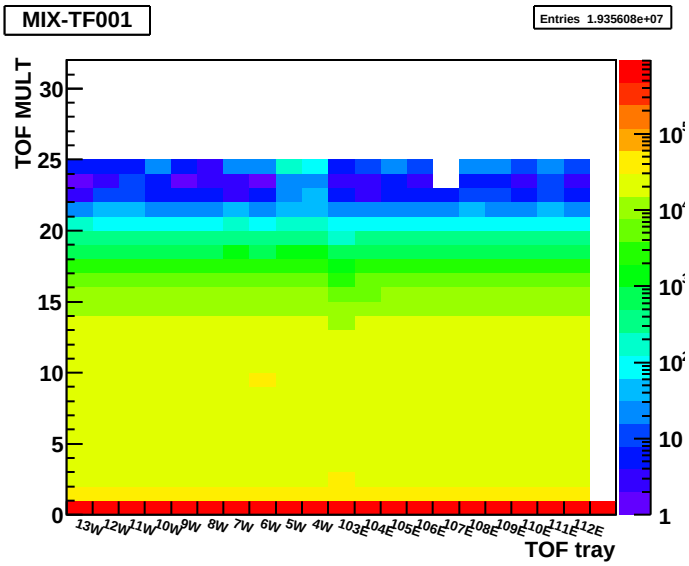
Entries 7373744

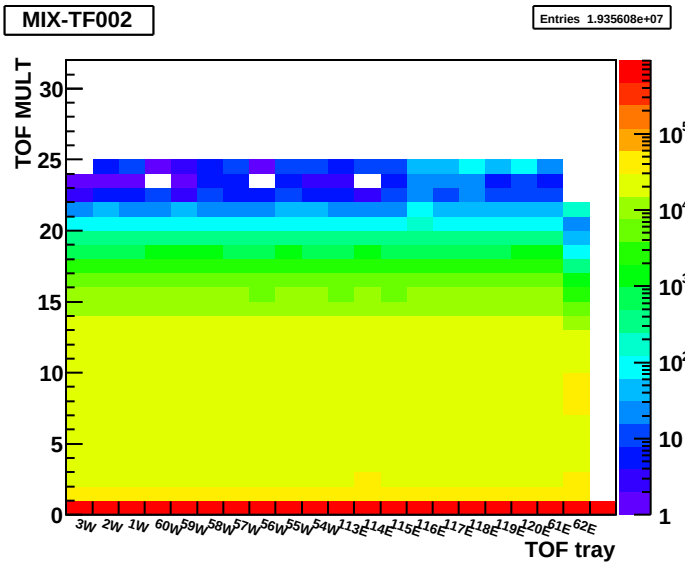


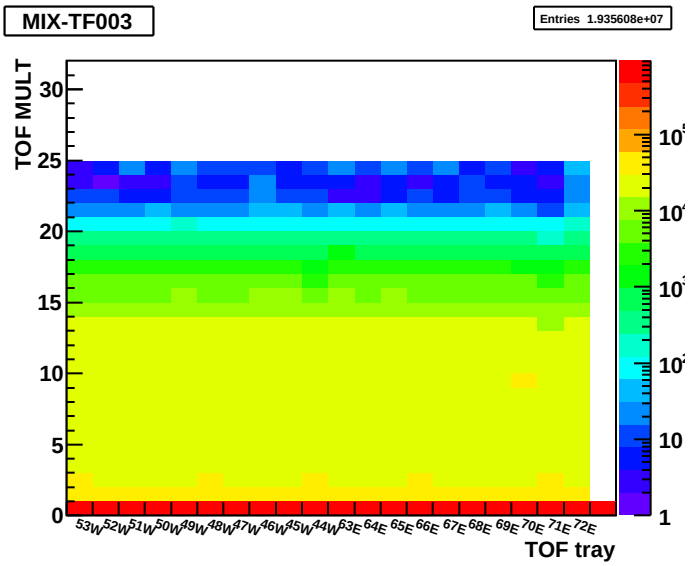
Unused (ch7)

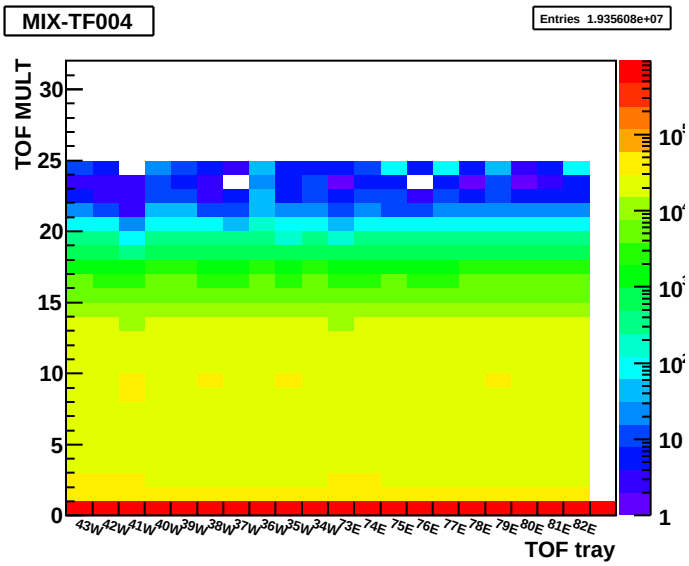
Entries 7373744

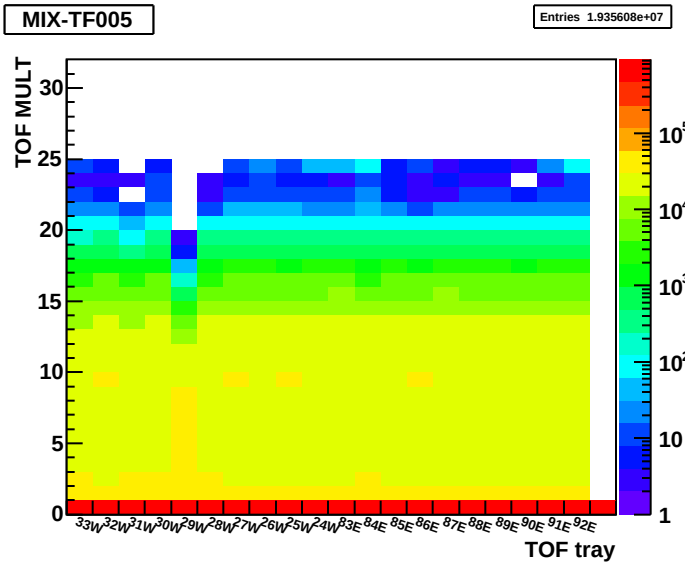


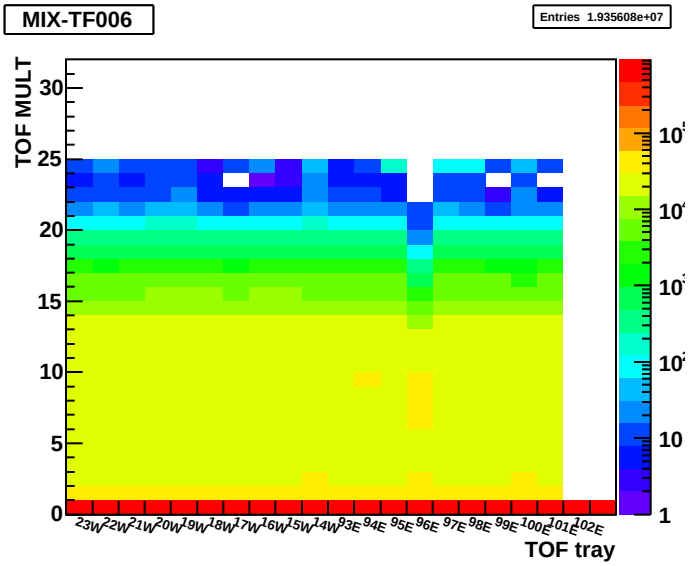

MIX-TF001
Entries 1.935608e+07
TOF MULT
TOF tray

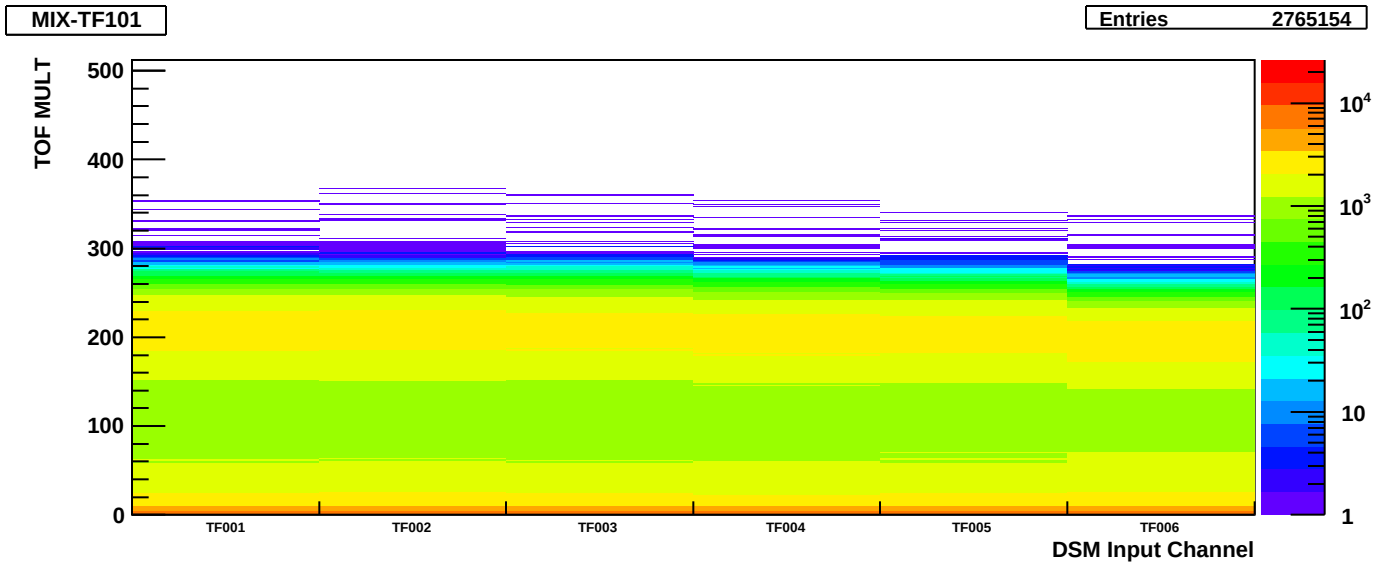

MIX-TF002
Entries 1.935608e+07
TOF MULT
TOF tray

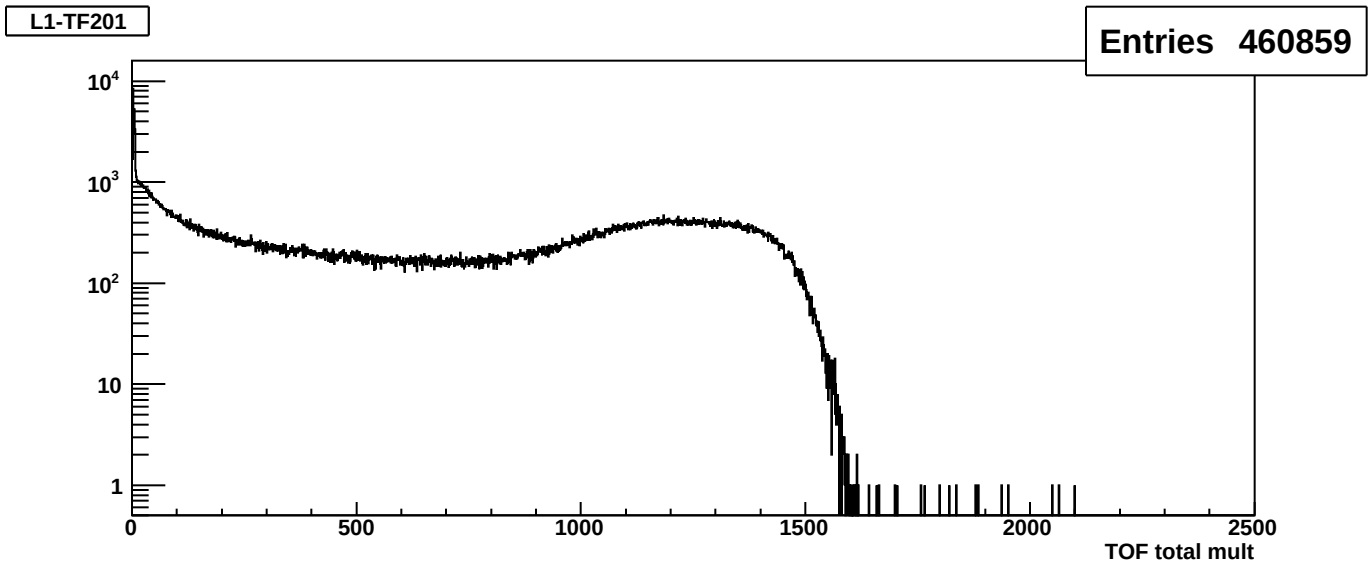

MIX-TF003
Entries 1.935608e+07
TOF MULT
TOF tray

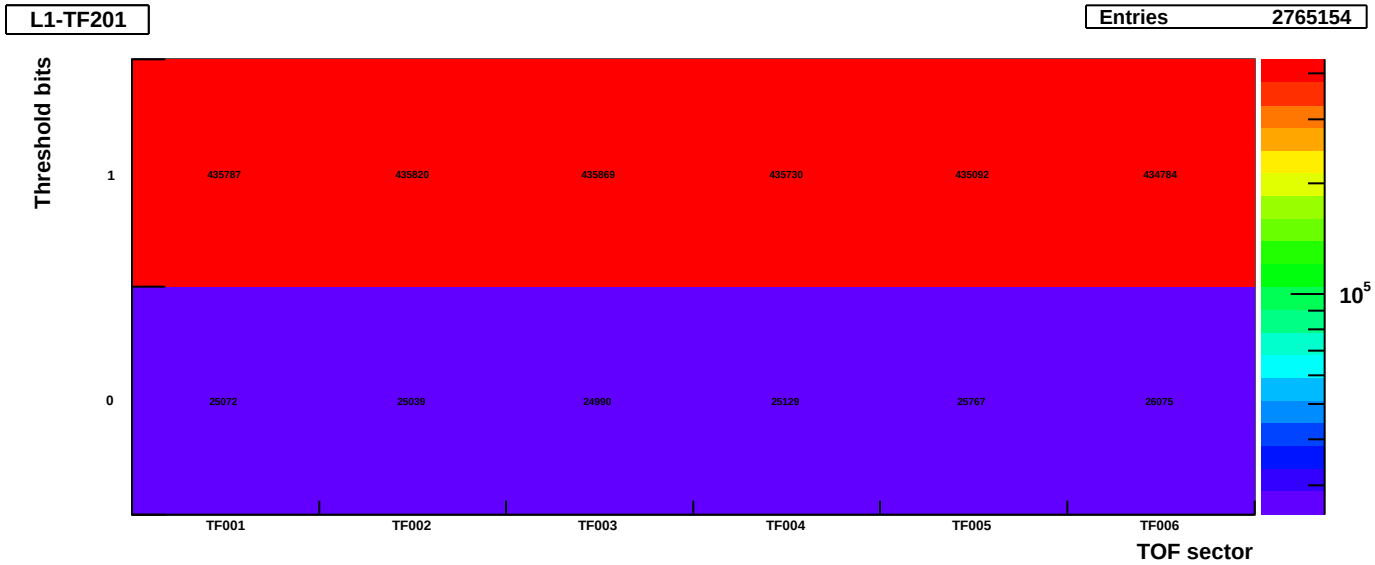

MIX-TF004
Entries 1.935608e+07
TOF MULT
TOF tray

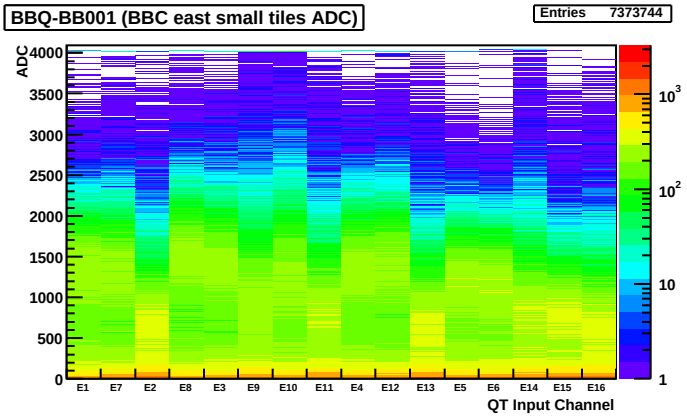

MIX-TF005
Entries 1.935608e+07
TOF MULT
TOF tray

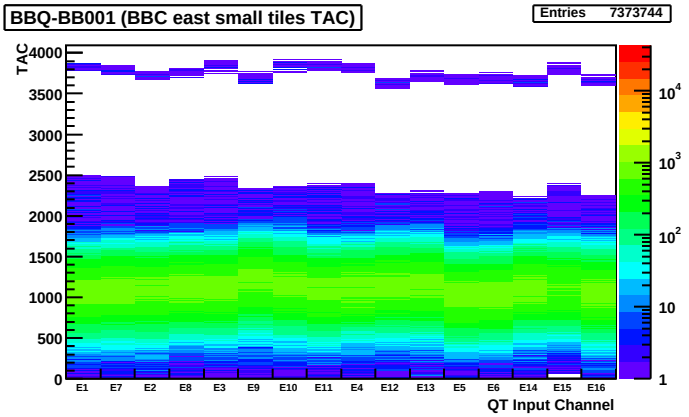

MIX-TF006
Entries 1.935608e+07
TOF MULT
TOF tray

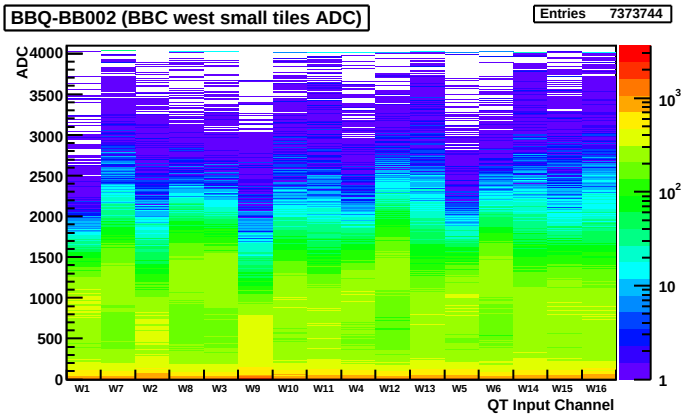

MIX-TF101
Entries 2765154
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^4
10^3
10^2
10
1

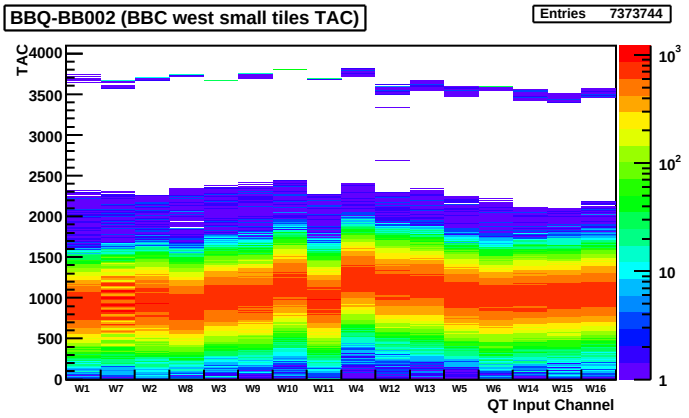

L1-TF201
Entries 460859
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

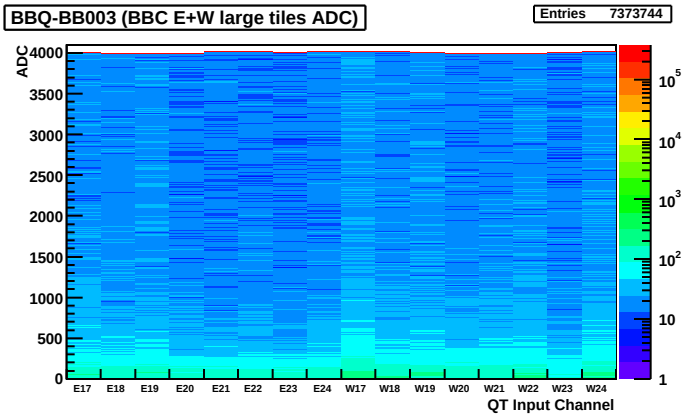

L1-TF201
Entries 2765154
Threshold bits
1
0
435787
435820
435869
435730
435092
434784
25072
25039
24990
25129
25767
26075
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^5

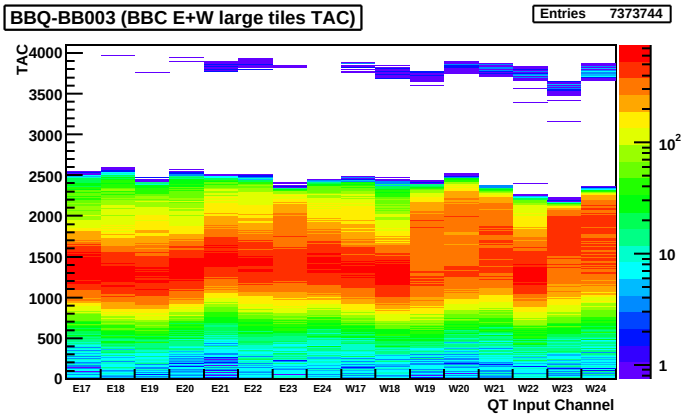

BBQ-BB001 (BBC east small tiles ADC)
Entries 7373744
ADC
QT Input Channel

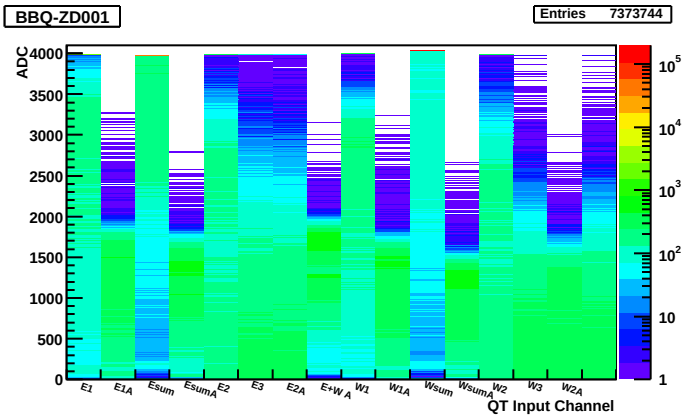

BBQ-BB001 (BBC east small tiles TAC)
Entries 7373744
TAC
QT Input Channel

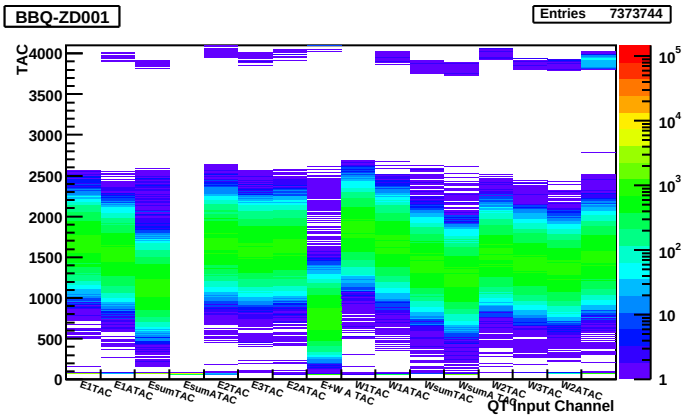

BBQ-BB002 (BBC west small tiles ADC)
Entries 7373744
ADC
QT Input Channel

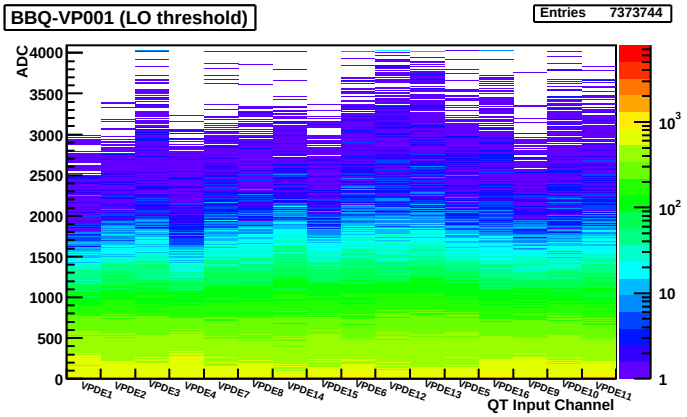

BBQ-BB002 (BBC west small tiles TAC)
Entries 7373744
TAC
QT Input Channel

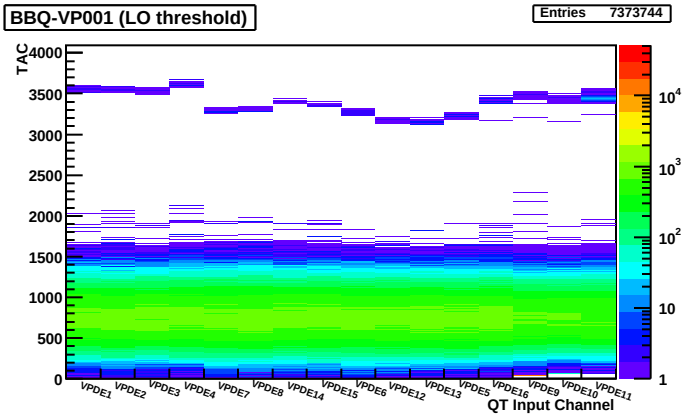

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 7373744
ADC
QT Input Channel

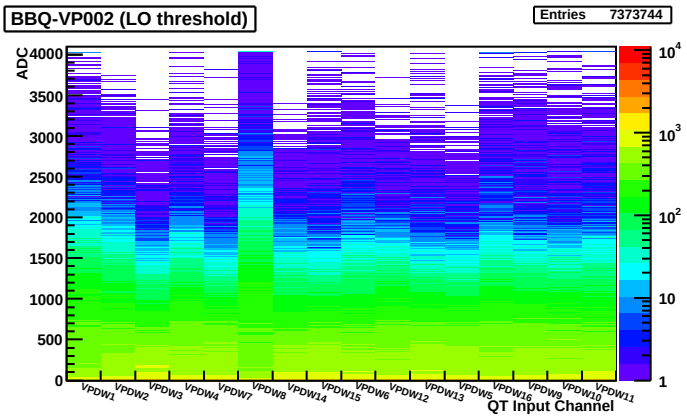

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 7373744
TAC
QT Input Channel

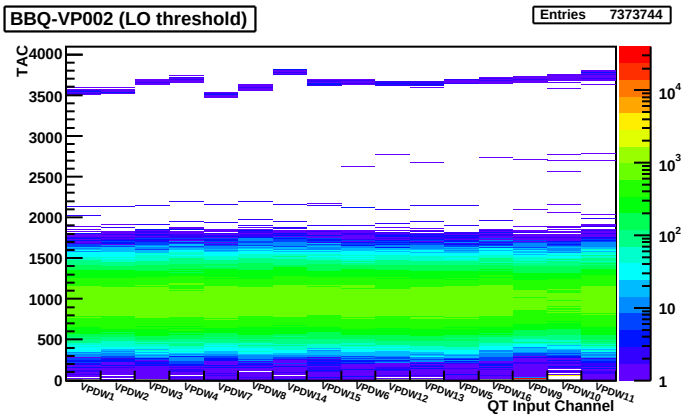

BBQ-ZD001
Entries 7373744
ADC
QT Input Channel

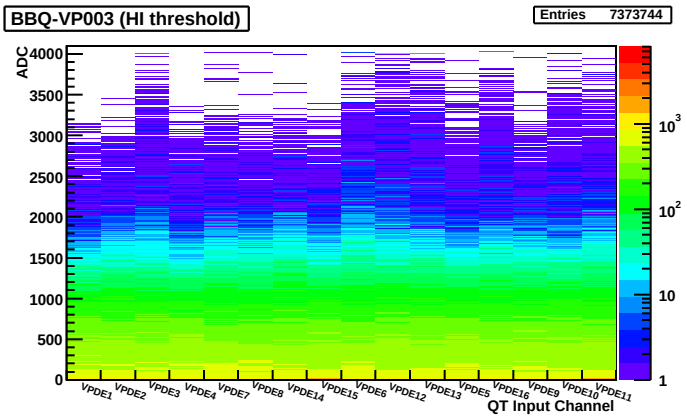

BBQ-ZD001
Entries 7373744
TAC
QT Input Channel

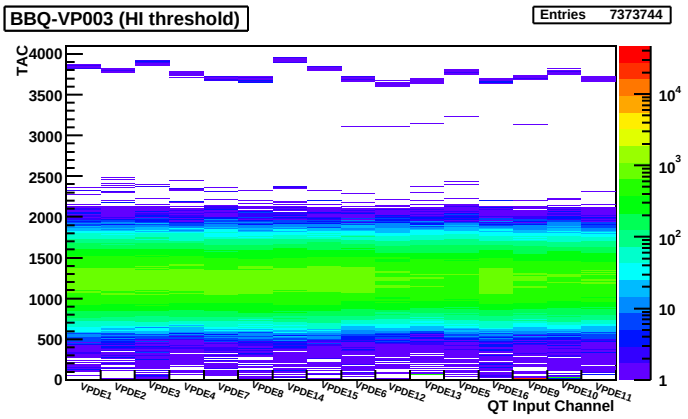

BBQ-VP001 (LO threshold)
Entries 7373744
ADC
QT Input Channel

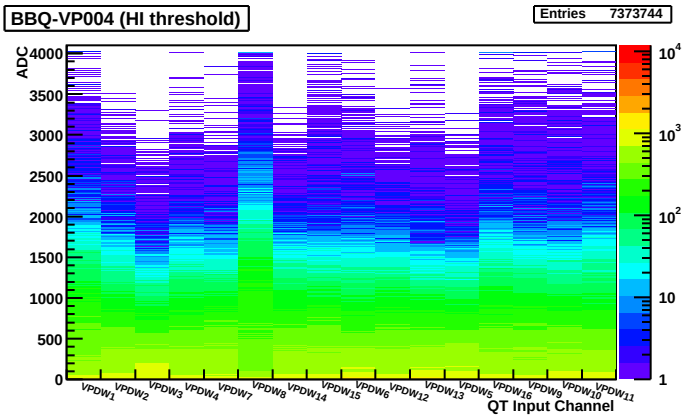

BBQ-VP001 (LO threshold)
Entries 7373744
TAC
QT Input Channel

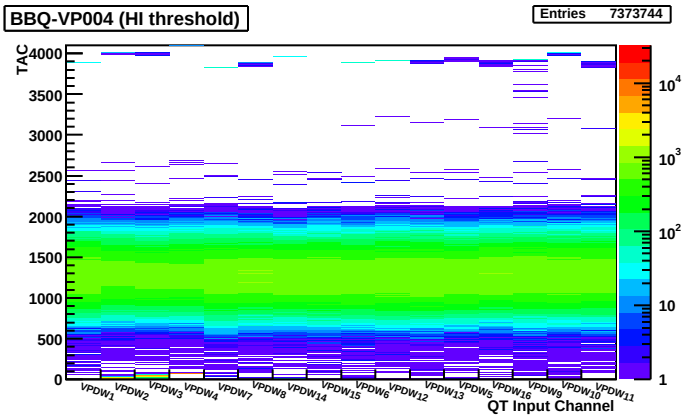

BBQ-VP002 (LO threshold)
Entries 7373744
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 7373744
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 7373744
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 7373744
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 7373744
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 7373744
TAC
QT Input Channel