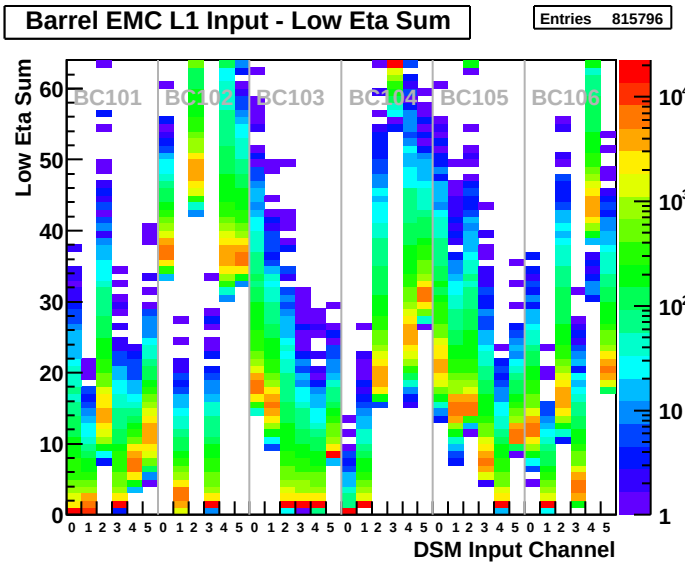
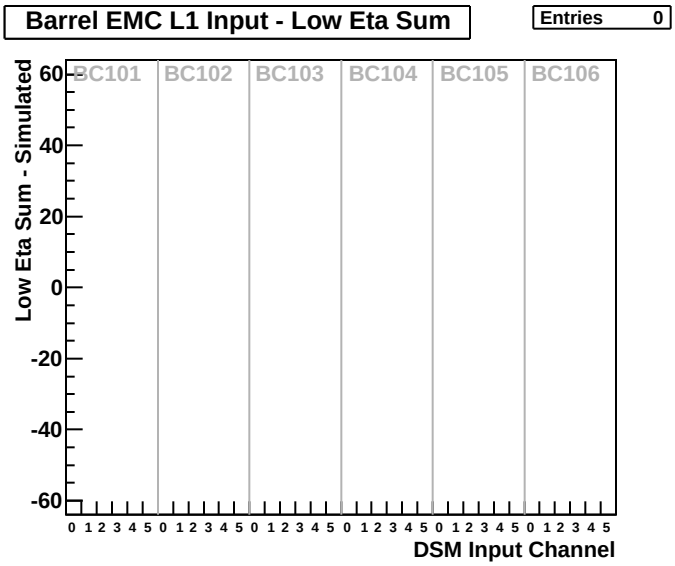
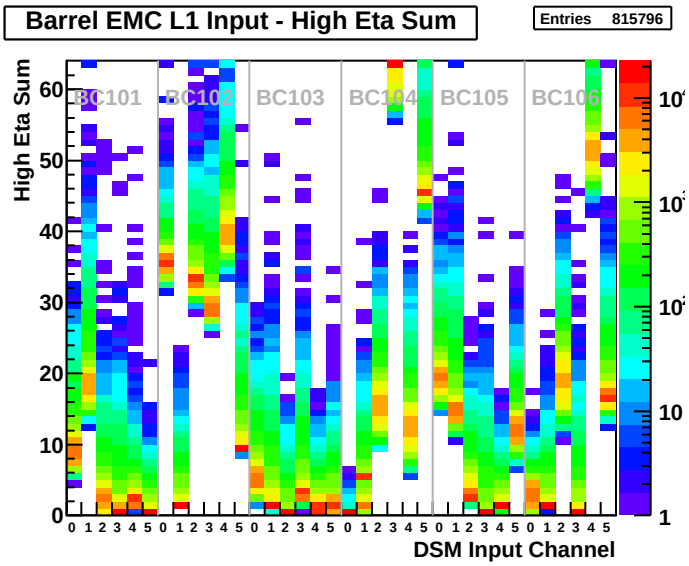
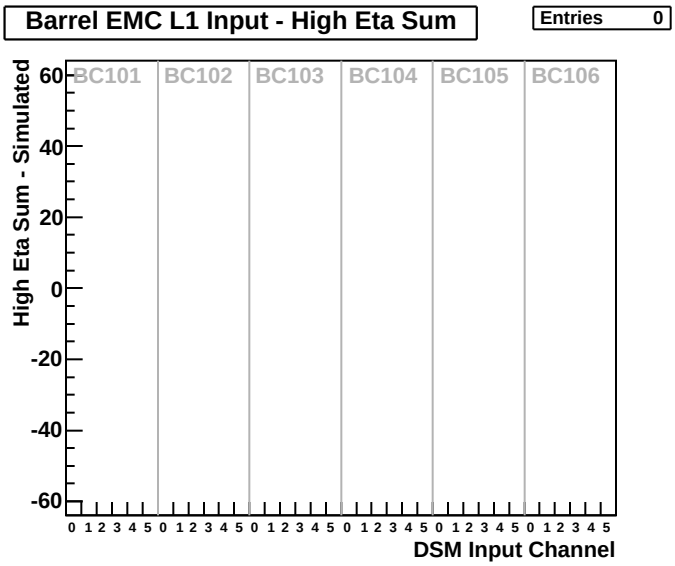
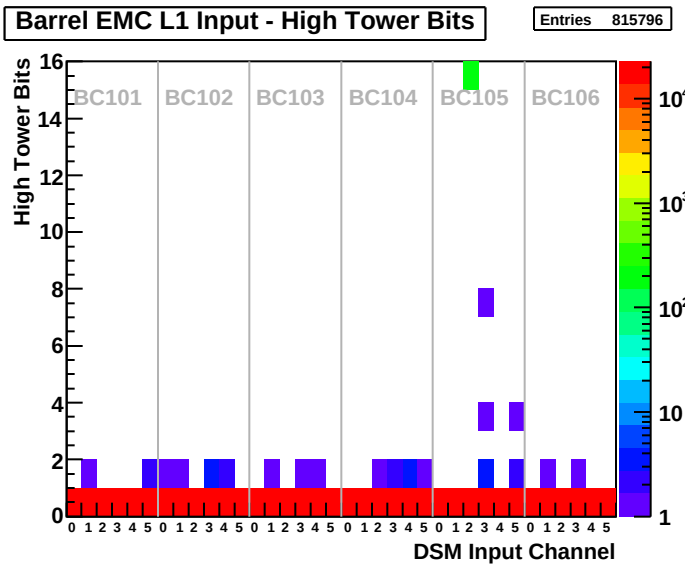
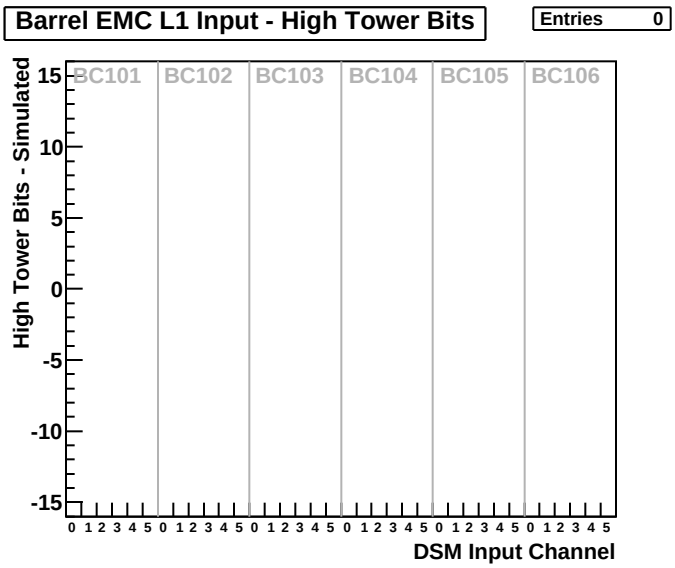

Barrel EMC L1 Input - Low Eta Sum
Entries 815796
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

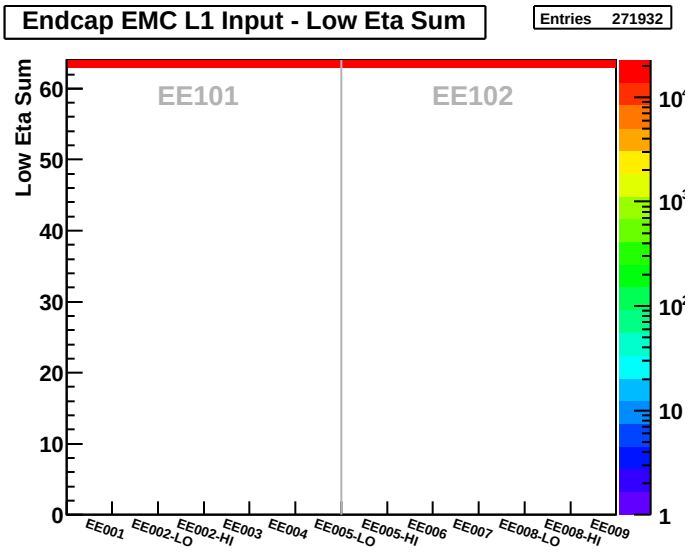

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

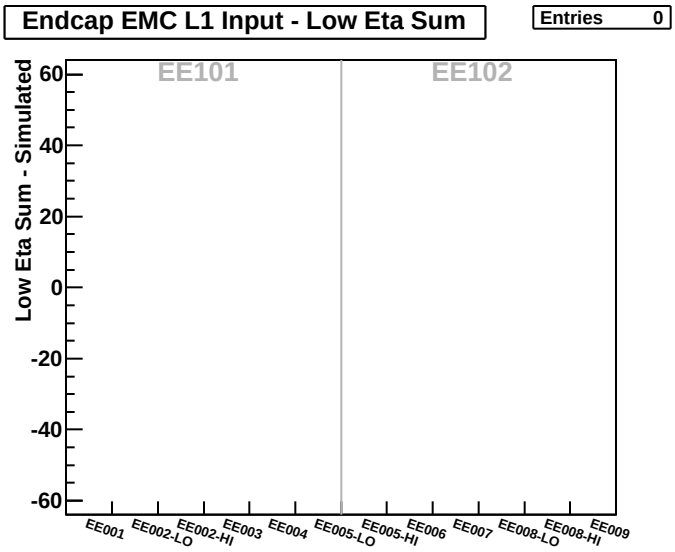

Barrel EMC L1 Input - High Eta Sum
Entries 815796
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

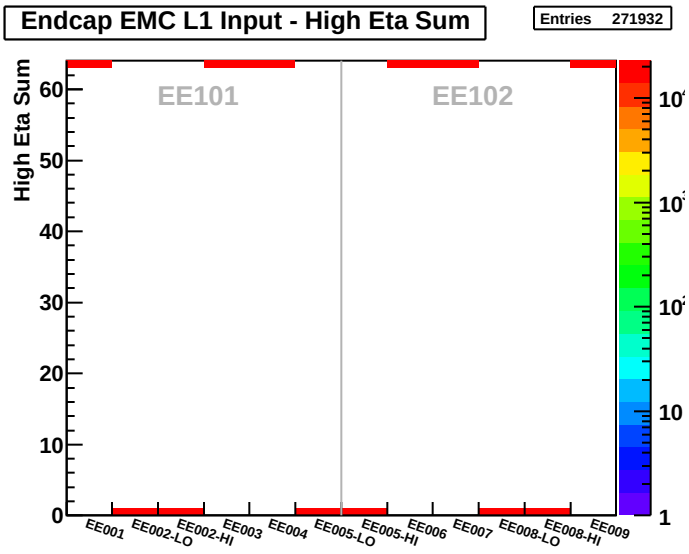

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

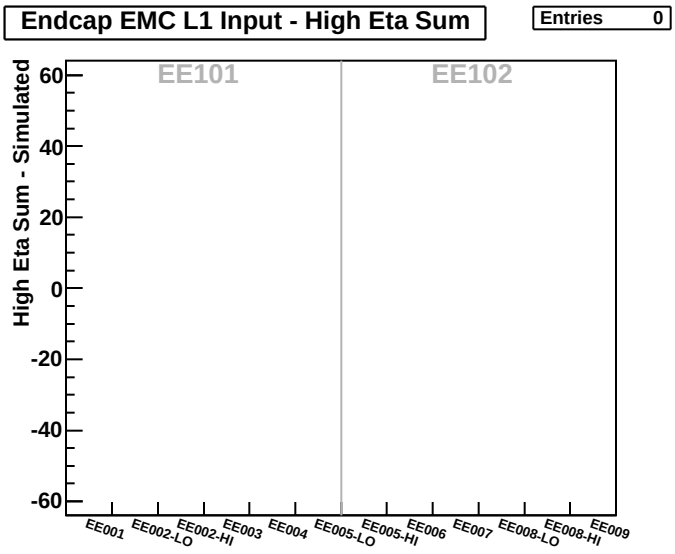

Barrel EMC L1 Input - High Tower Bits
Entries 815796
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

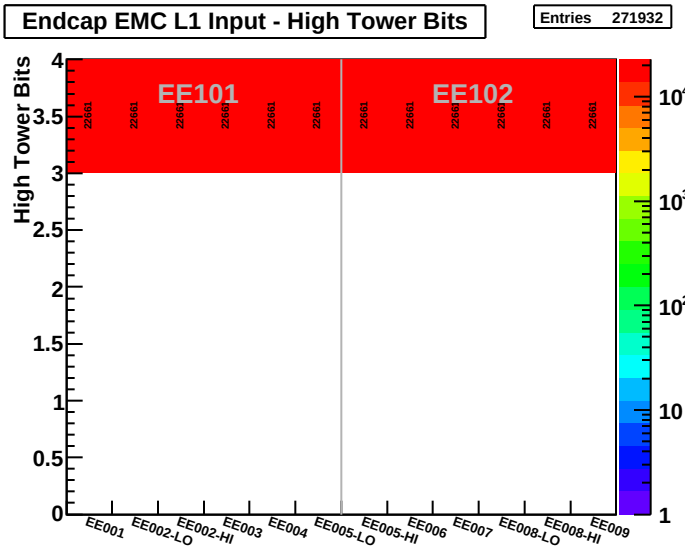

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

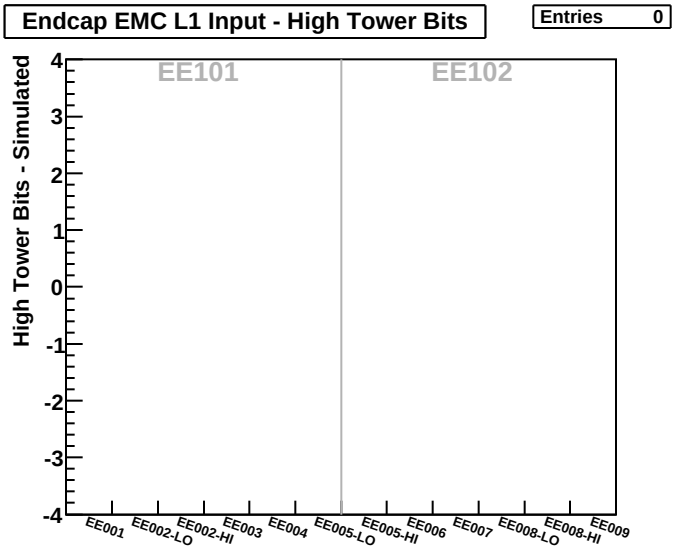

Endcap EMC L1 Input - Low Eta Sum
Entries 271932
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

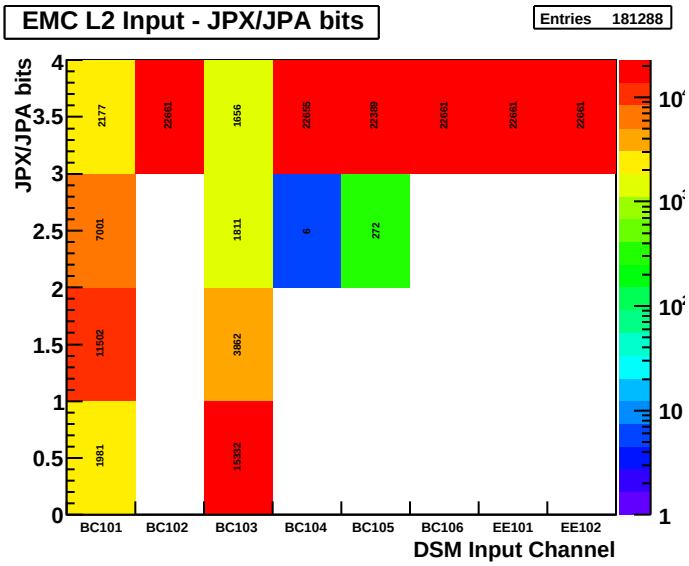

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

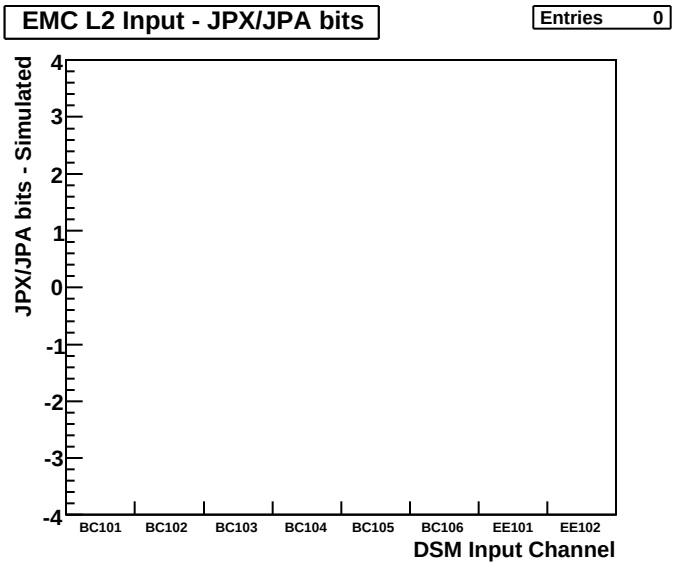

Endcap EMC L1 Input - High Eta Sum
Entries 271932
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

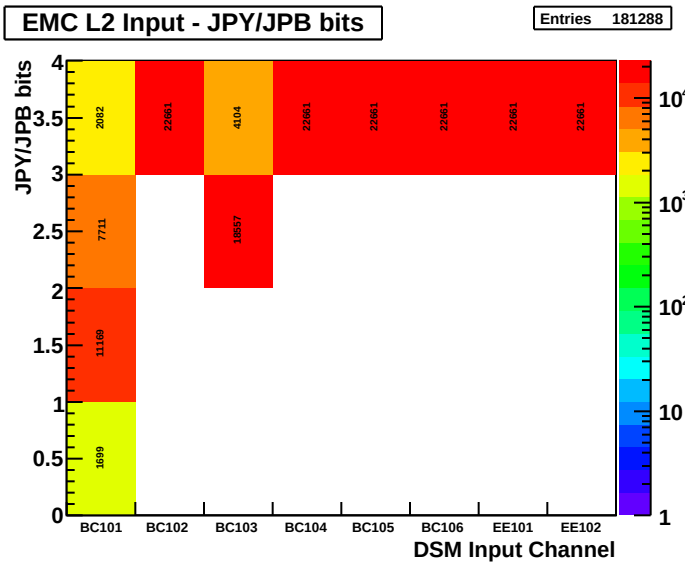

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

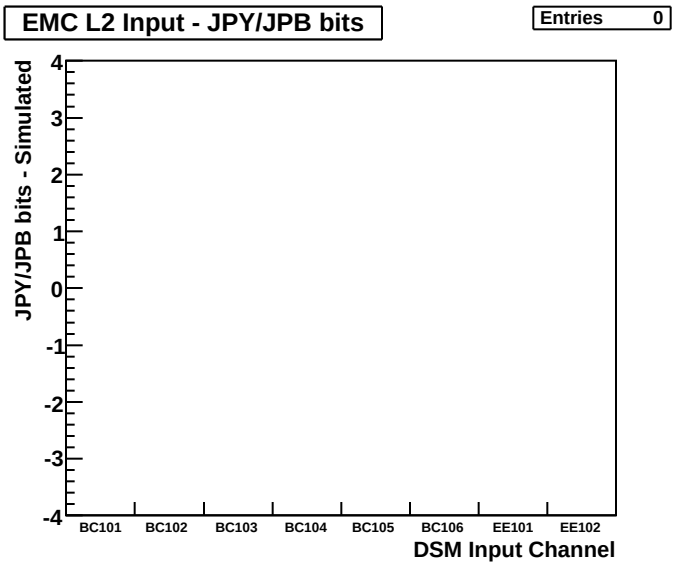

Endcap EMC L1 Input - High Tower Bits
Entries 271932
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

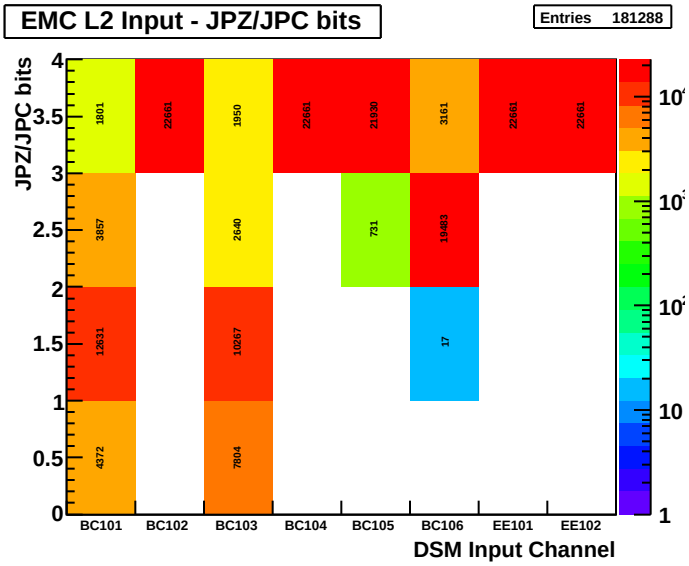

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

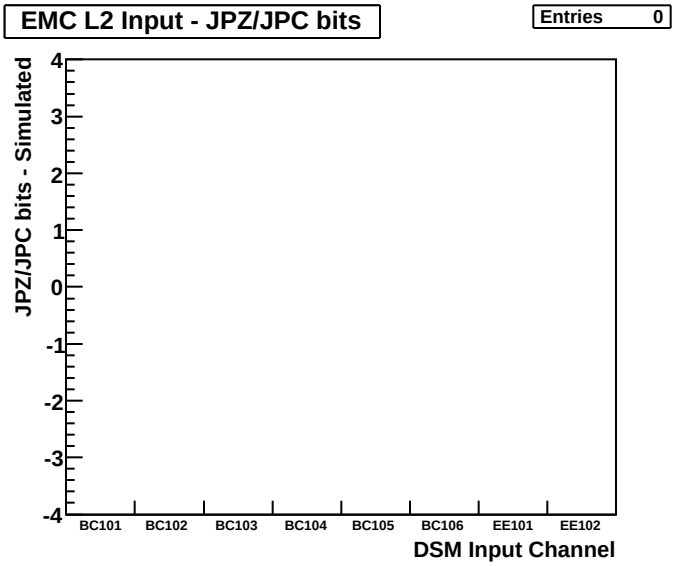

EMC L2 Input - JPX/JPA bits
Entries 181288
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2177 22661 1656 22655 22389 22661 22661 22661
7001 1811 6 272
11502 3862
1981 15332

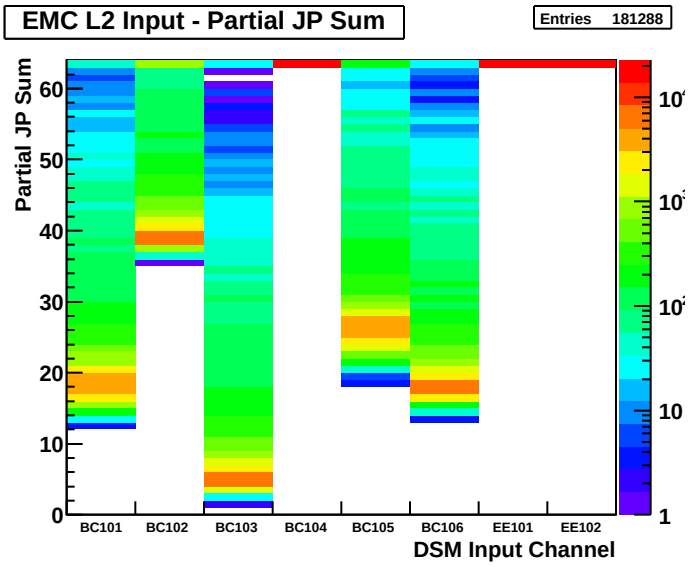

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

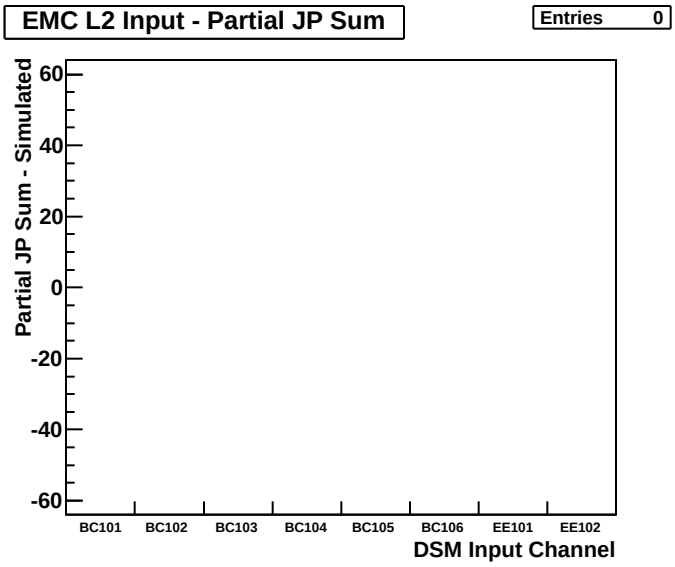

EMC L2 Input - JPY/JPB bits
Entries 181288
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2082 22661 4104 22661 22661 22661 22661 22661
7711 18557
11169
1699

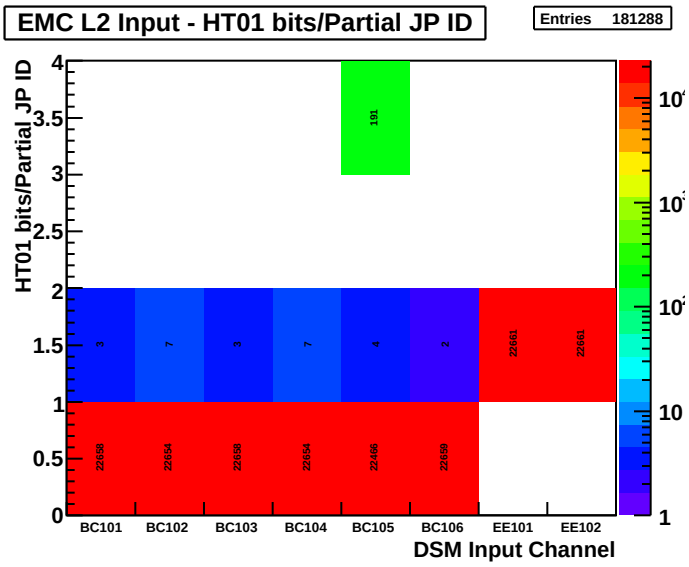

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

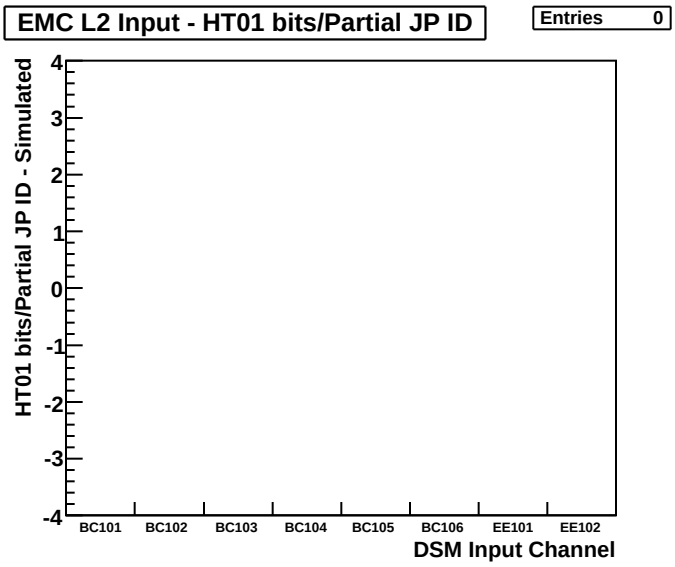

EMC L2 Input - JPZ/JPC bits
Entries 181288
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
1801 22661 1950 22661 2190 3161 22661 22661
3857 2640 731 19483
12631 10267 17
4372 7804

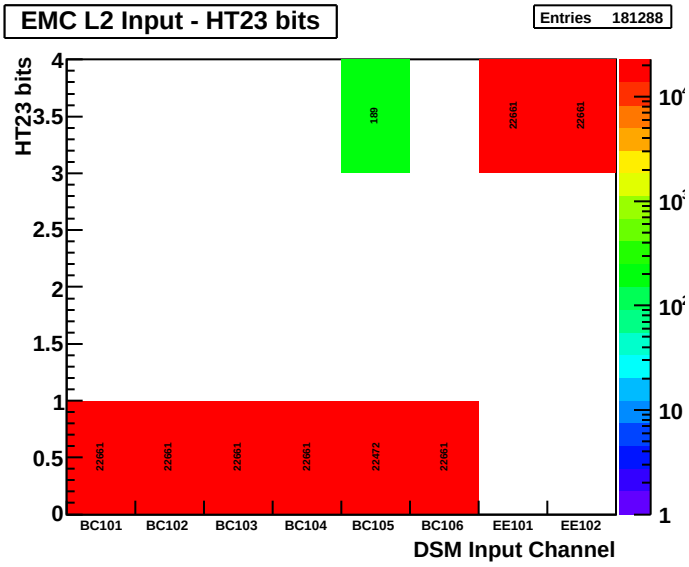

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

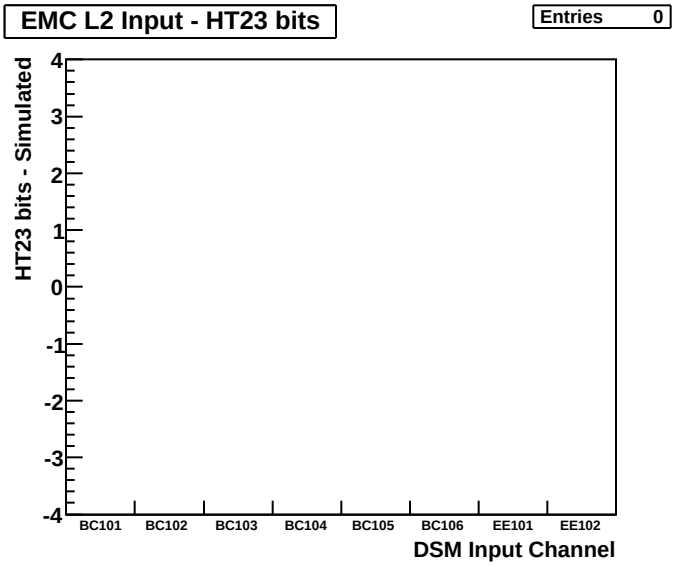

EMC L2 Input - Partial JP Sum
Entries 181288
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

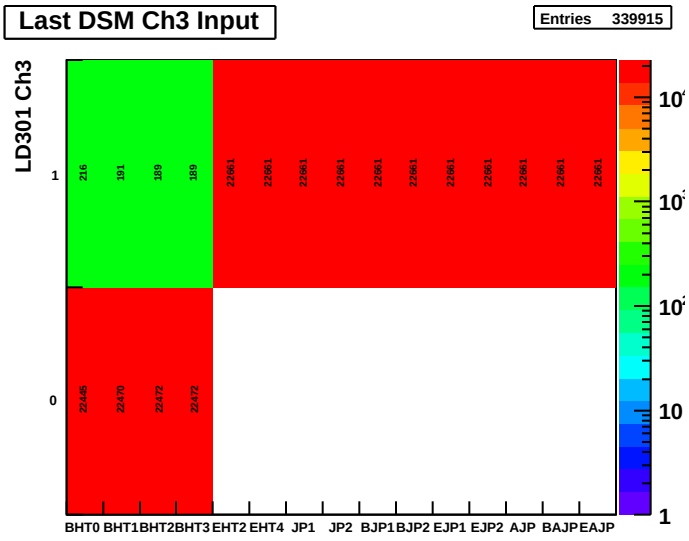

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

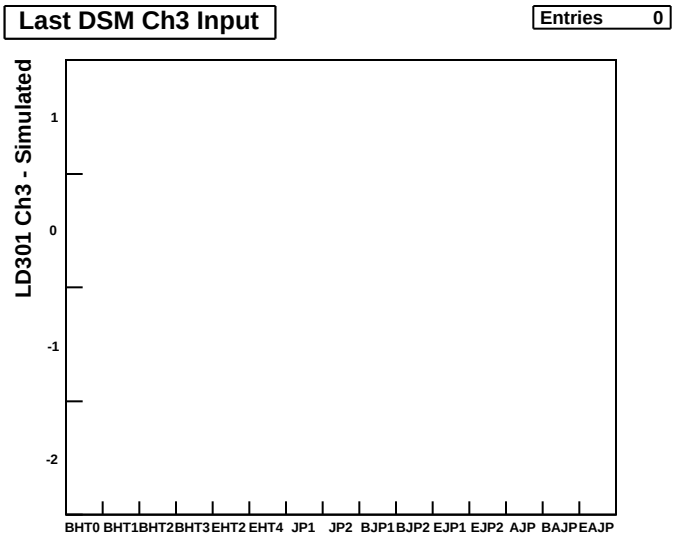

EMC L2 Input - HT01 bits/Partial JP ID
Entries 181288
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

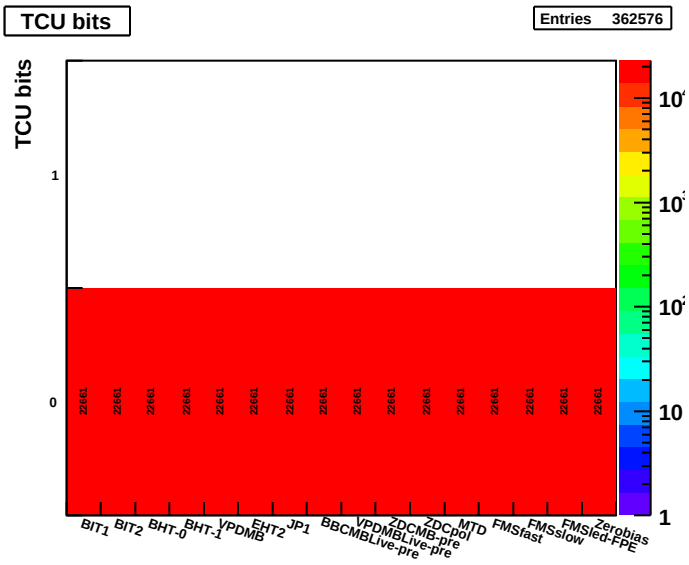

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

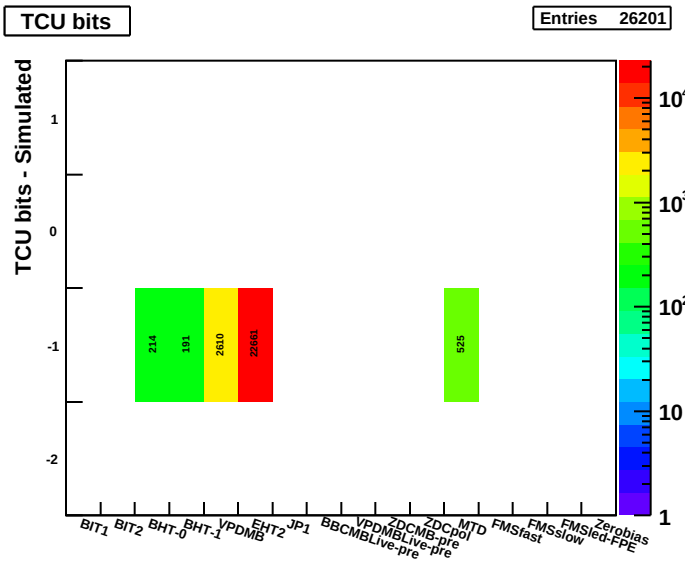

EMC L2 Input - HT23 bits
Entries 181288
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

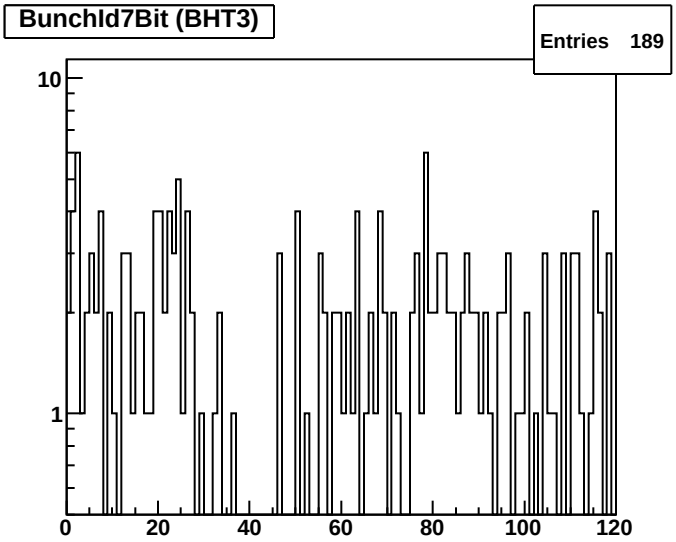

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

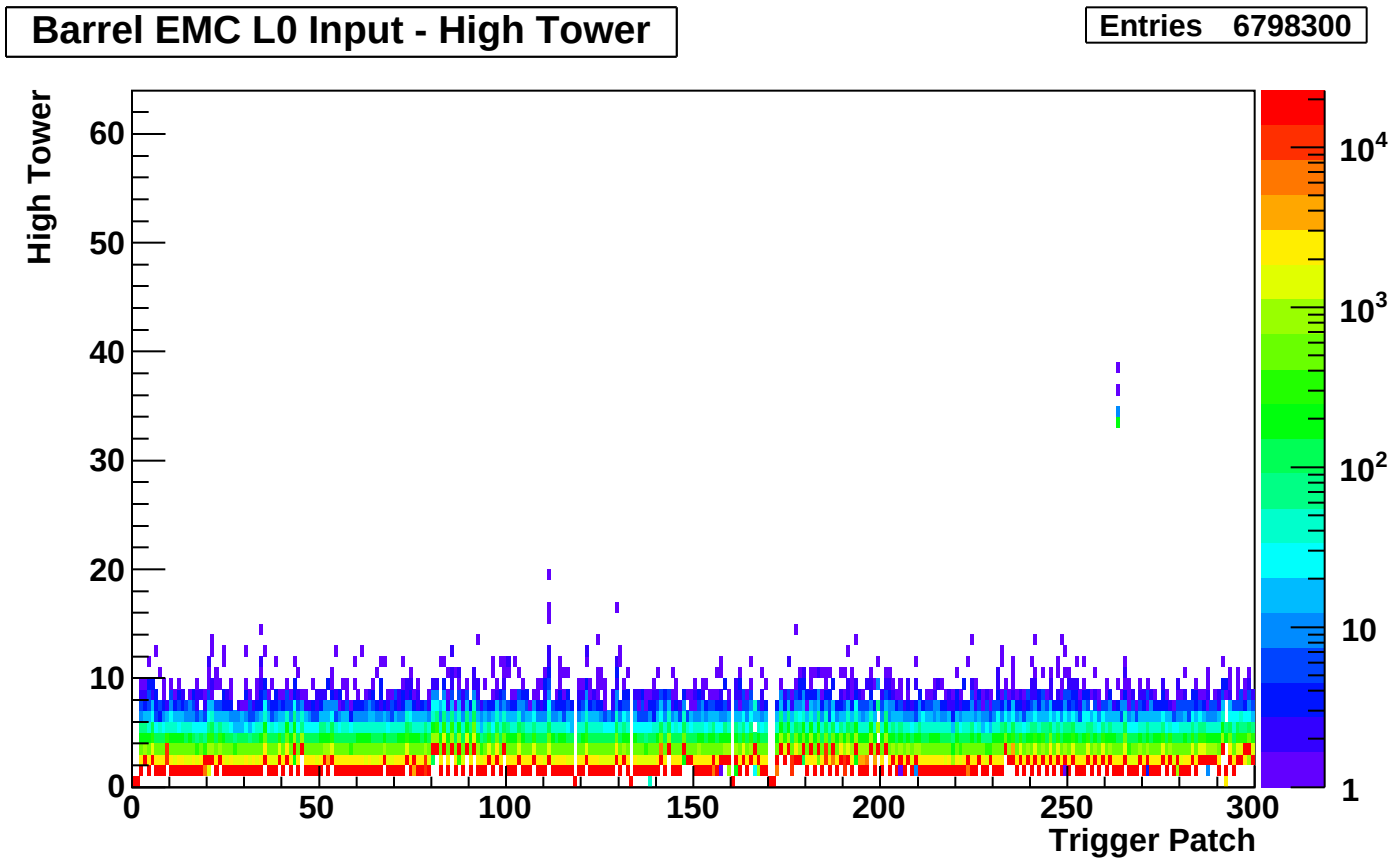

Last DSM Ch3 Input
Entries 339915
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

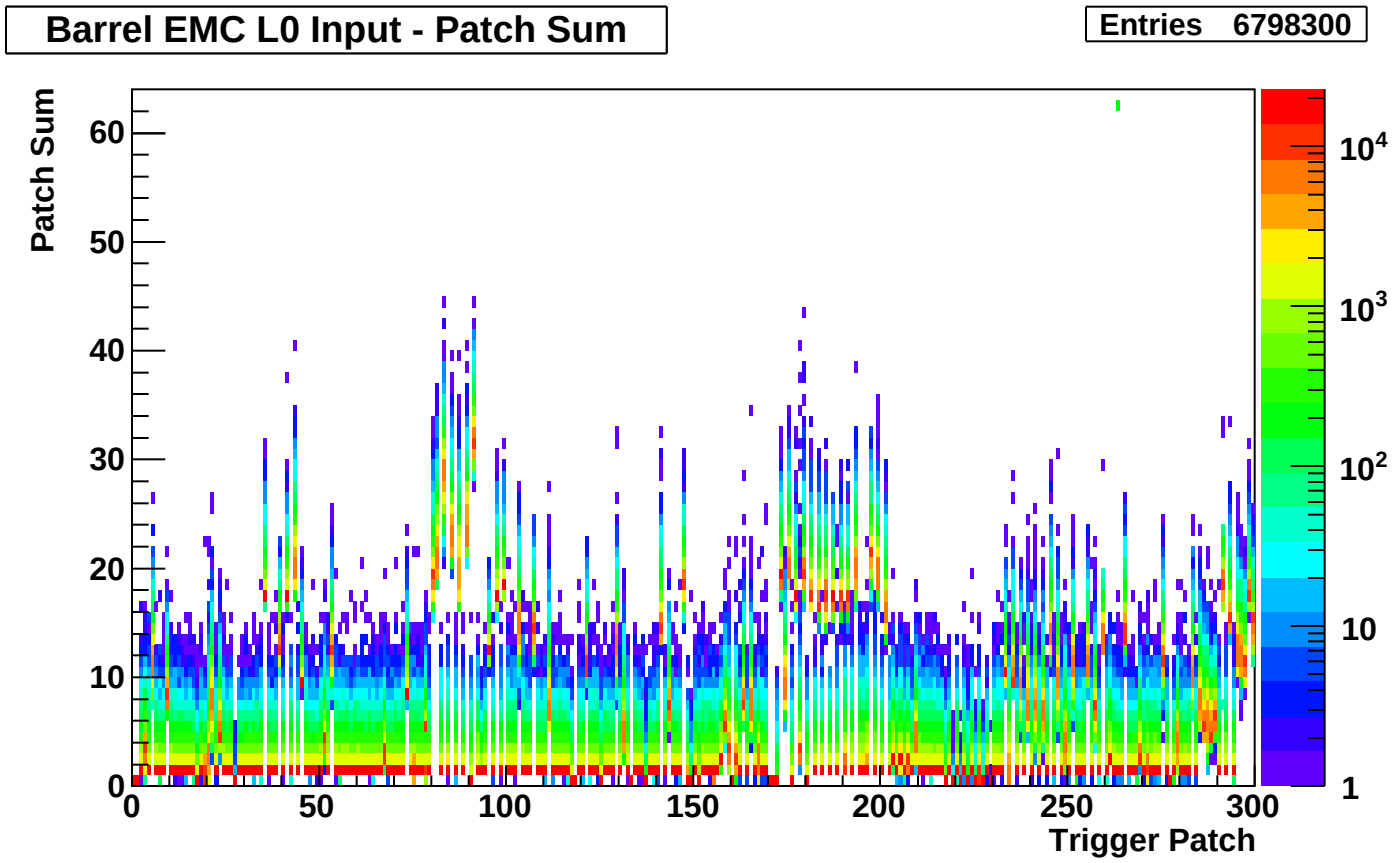

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

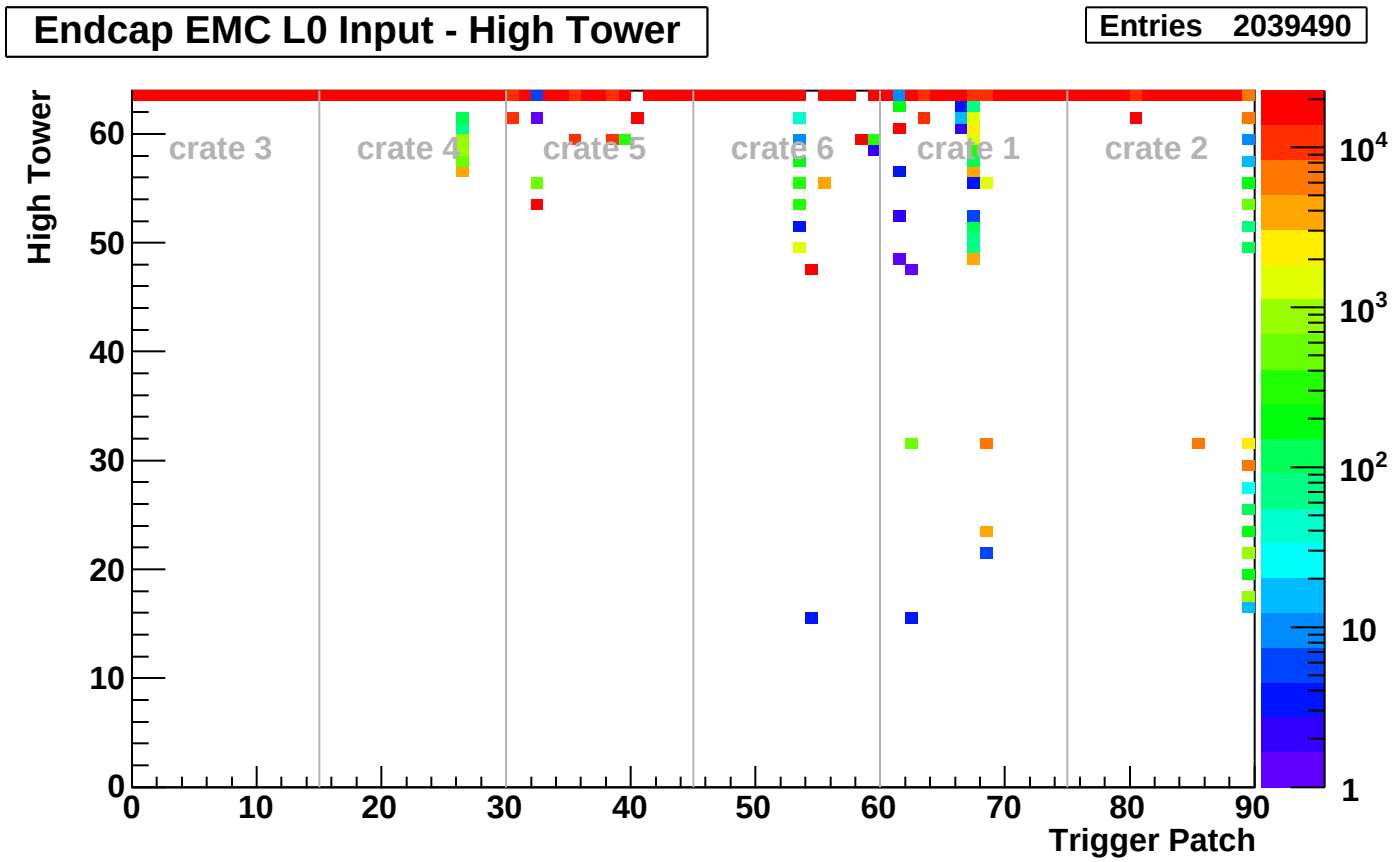

TCU bits
Entries 362576
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

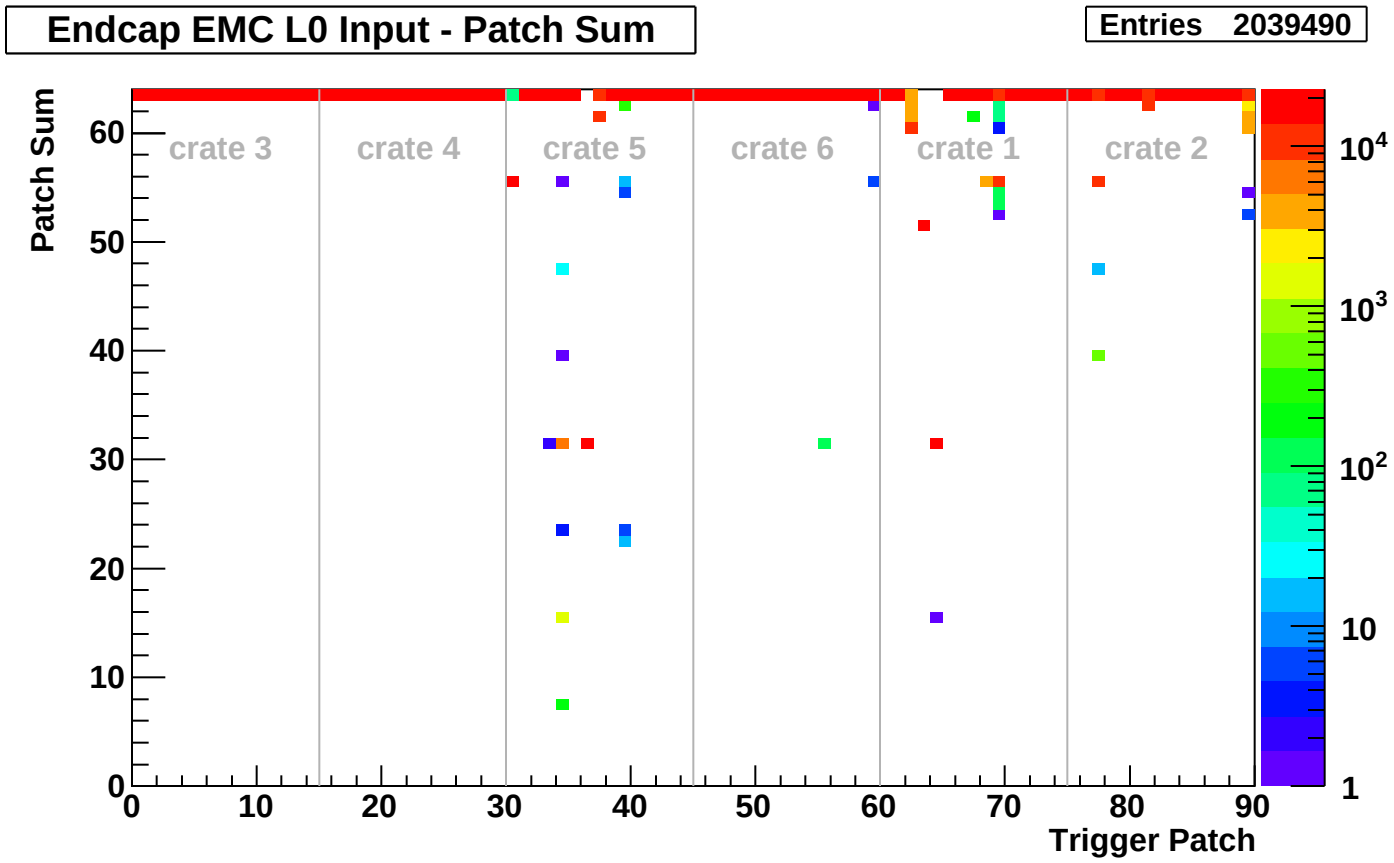

TCU bits
Entries 26201
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

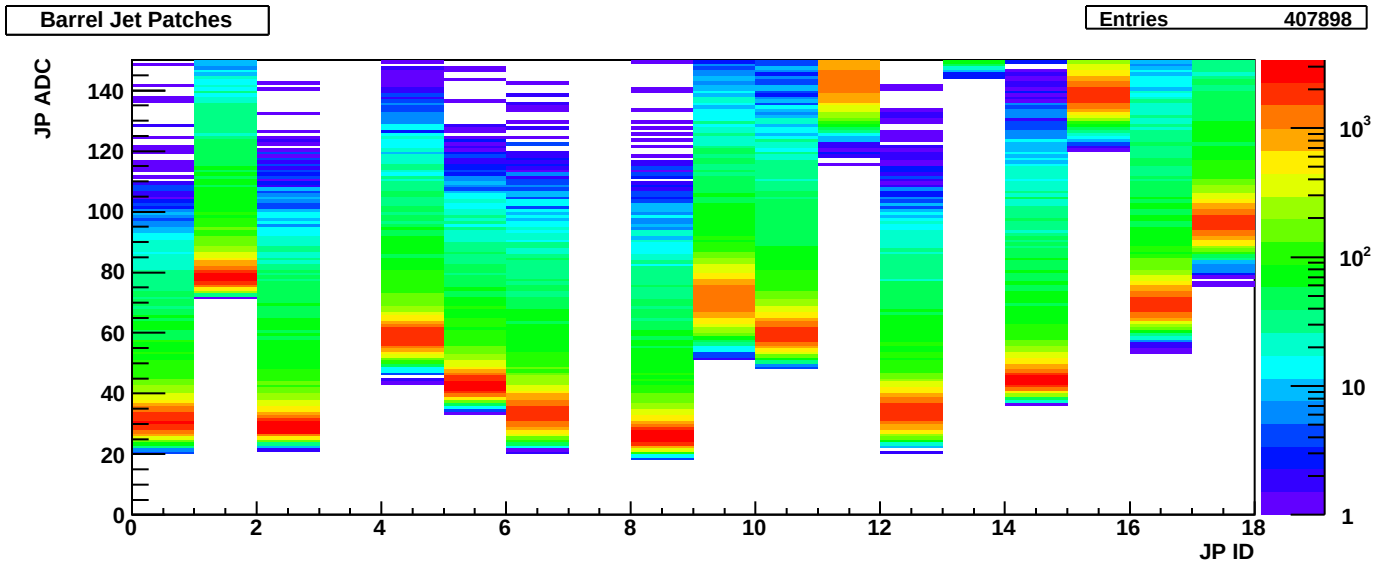

BunchId7Bit (BHT3)
Entries 189

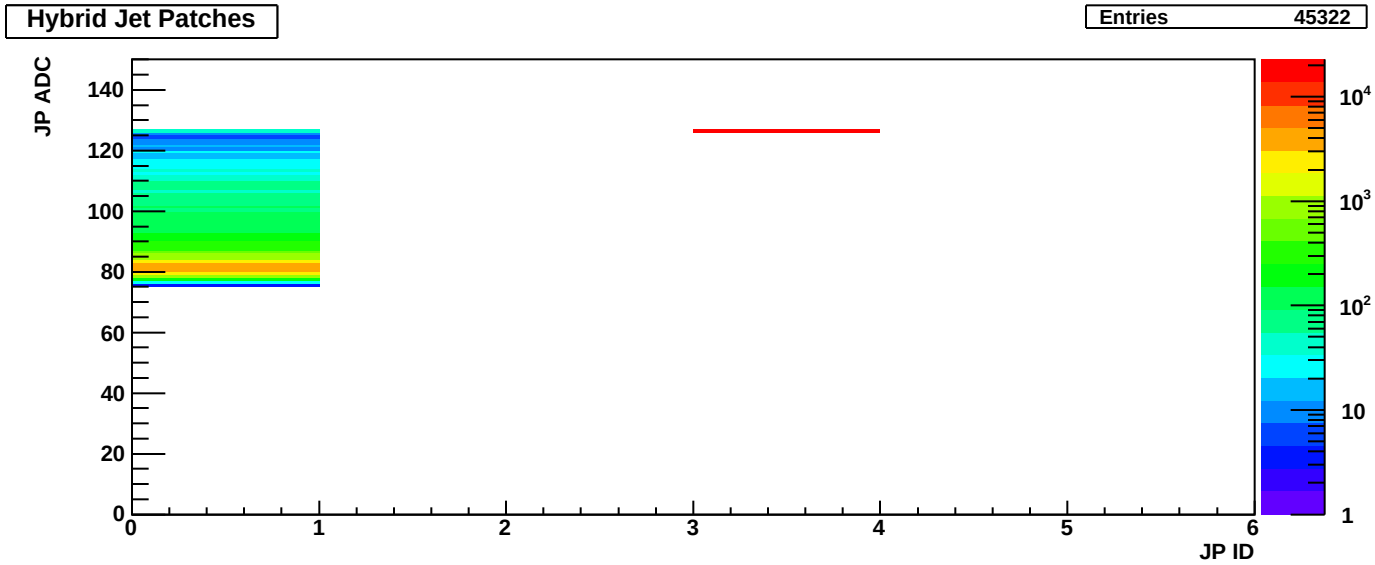

Barrel EMC L0 Input - High Tower
Entries 6798300
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

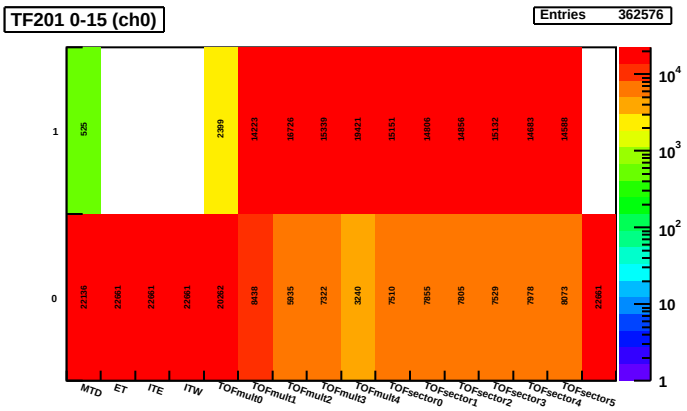

Barrel EMC L0 Input - Patch Sum
Entries 6798300
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

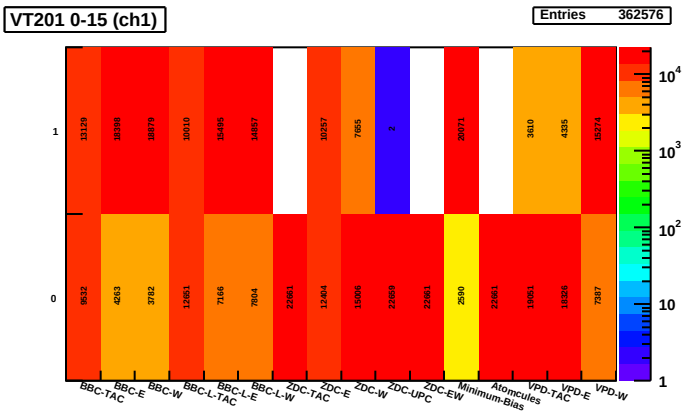

Endcap EMC L0 Input - High Tower
Entries 2039490
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

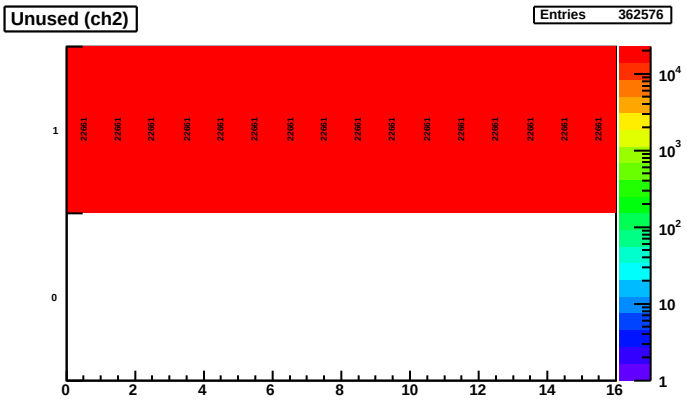

Endcap EMC L0 Input - Patch Sum
Entries 2039490
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

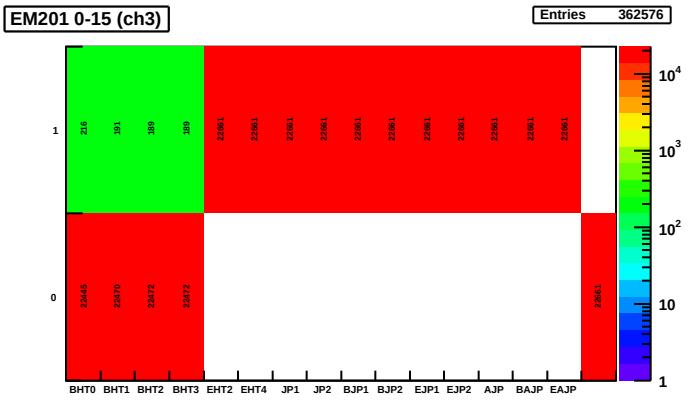

Barrel Jet Patches
Entries 407898
JP ADC
JP ID

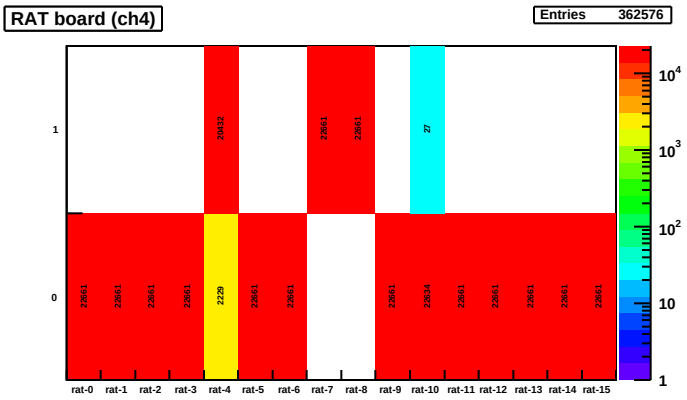

Hybrid Jet Patches
Entries 45322
JP ADC
JP ID

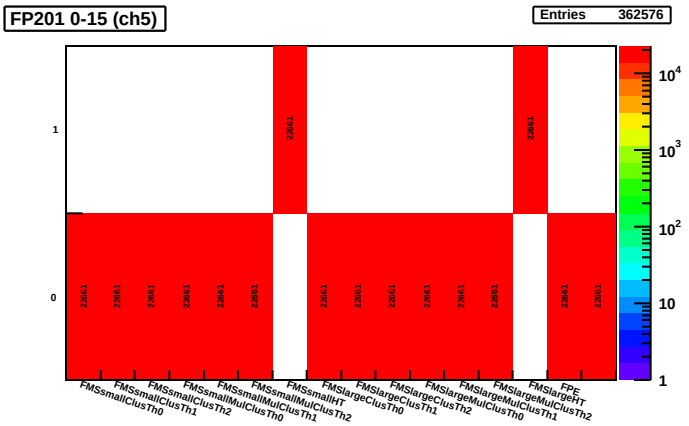

TF201 0-15 (ch0)
Entries 362576
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

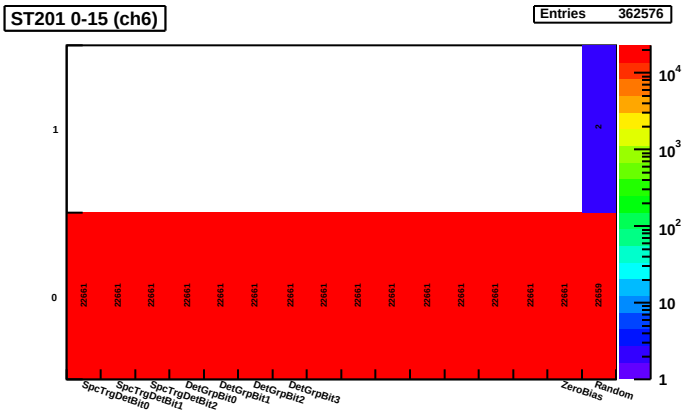

VT201 0-15 (ch1)
Entries 362576
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

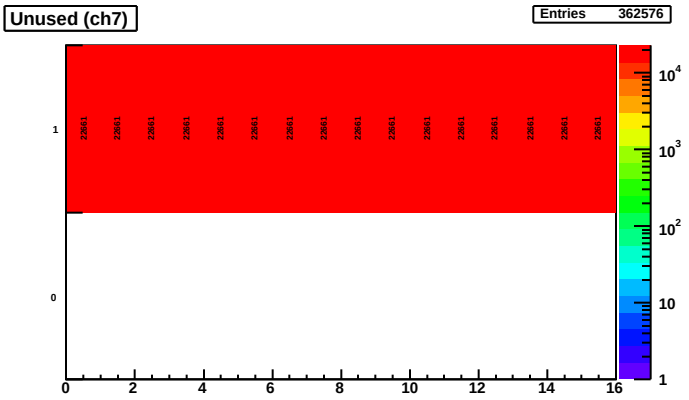

Unused (ch2)
Entries 362576

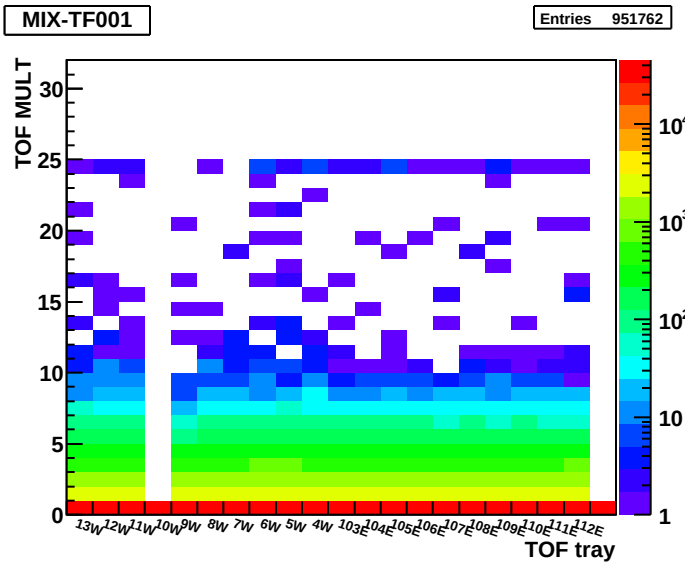

EM201 0-15 (ch3)
Entries 362576
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP

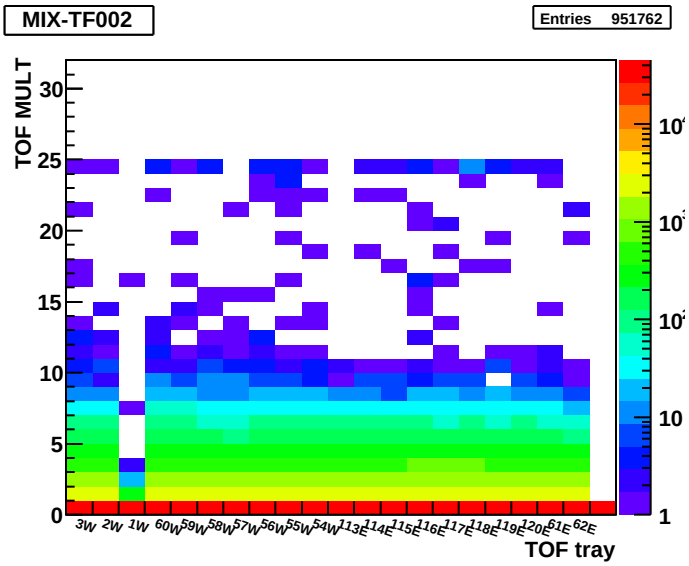

RAT board (ch4)
Entries 362576
rat-0
rat-1
rat-2
rat-3
rat-4
rat-5
rat-6
rat-7
rat-8
rat-9
rat-10
rat-11
rat-12
rat-13
rat-14
rat-15

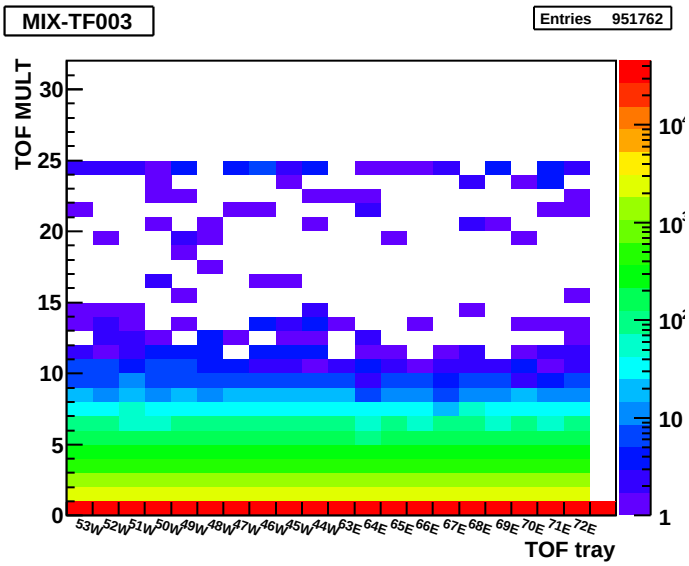

FP201 0-15 (ch5)
Entries 362576
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

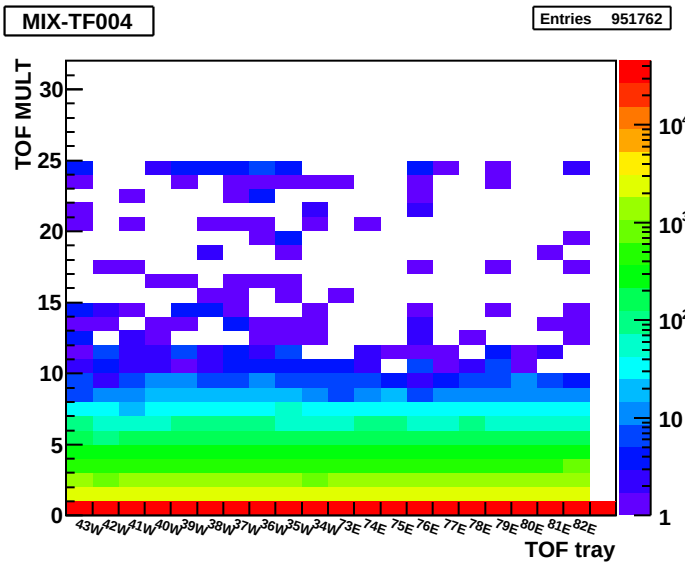

ST201 0-15 (ch6)
Entries 362576
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random

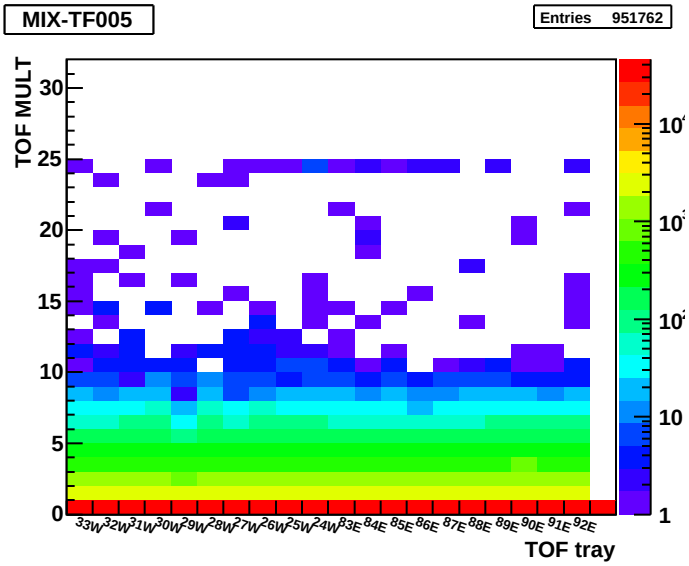

Unused (ch7)
Entries 362576

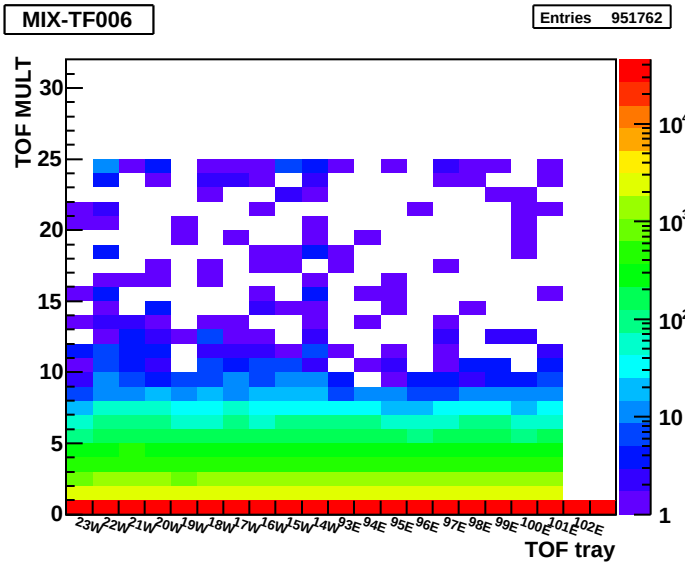

MIX-TF001
Entries 951762
TOF MULT
TOF tray

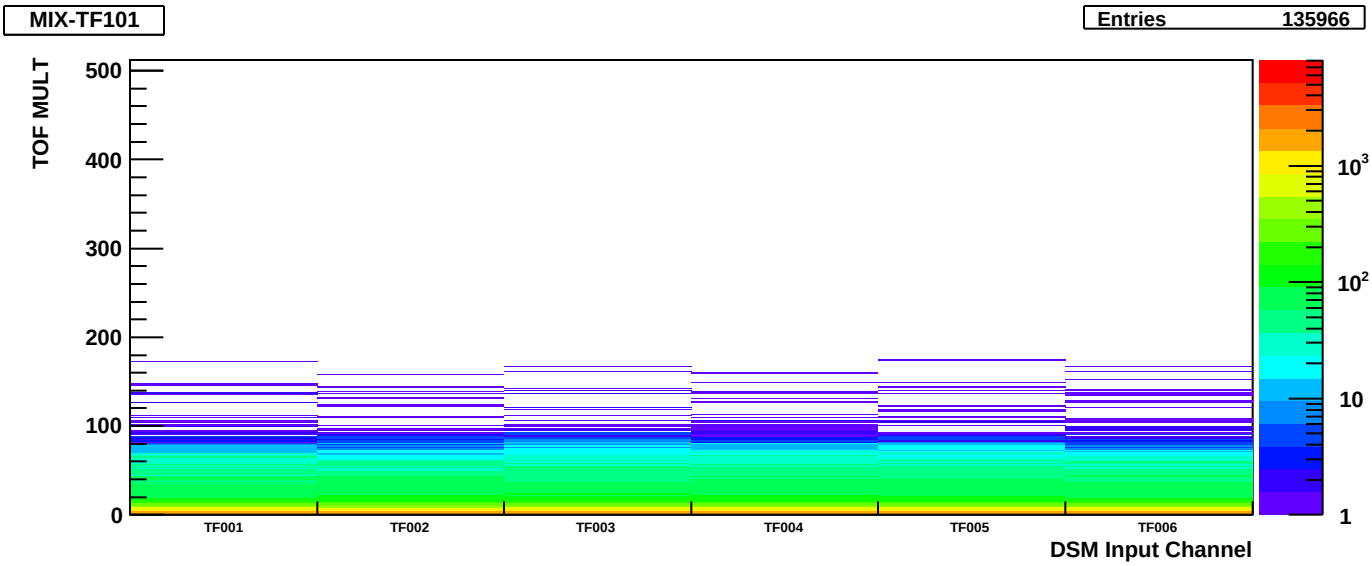

MIX-TF002
Entries 951762
TOF MULT
TOF tray

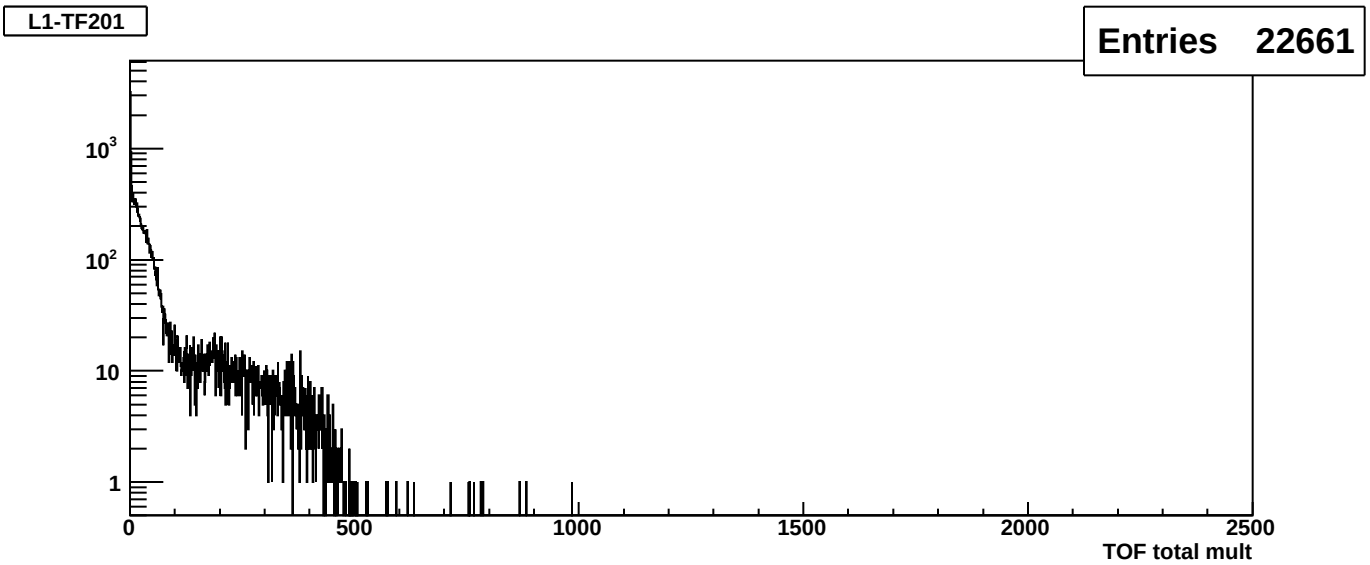

MIX-TF003
Entries 951762
TOF MULT
TOF tray

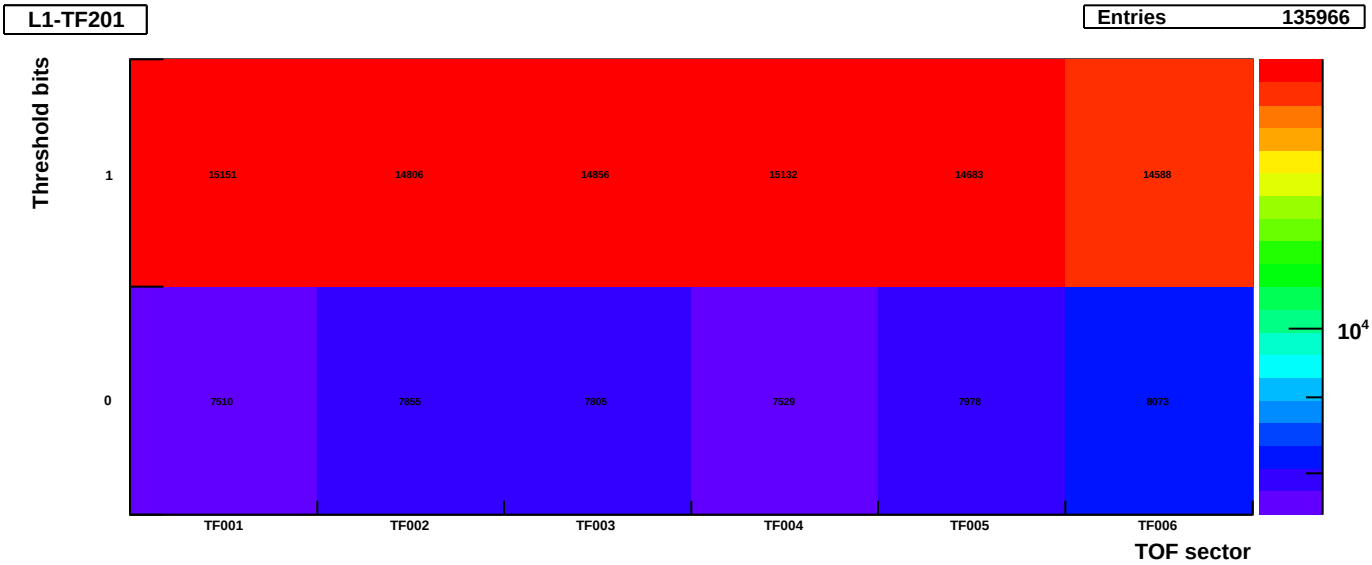

MIX-TF004
Entries 951762
TOF MULT
TOF tray

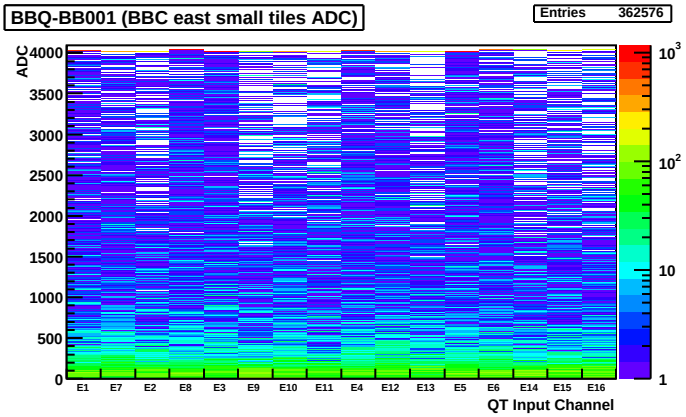

MIX-TF005
Entries 951762
TOF MULT
TOF tray

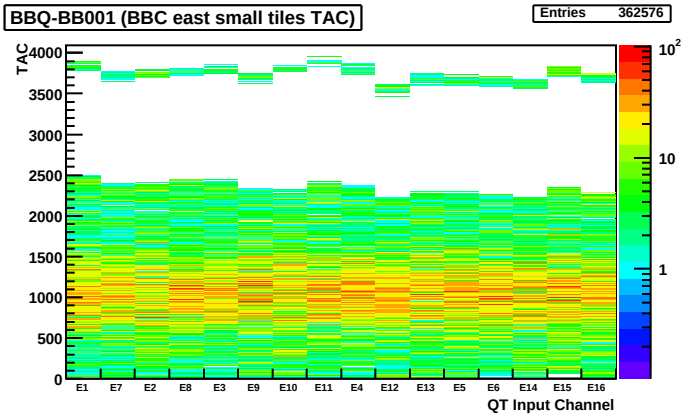

MIX-TF006
Entries 951762
TOF MULT
TOF tray

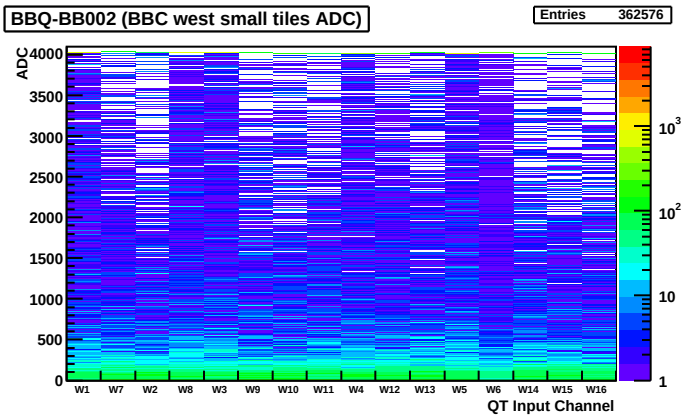

MIX-TF101
Entries 135966
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

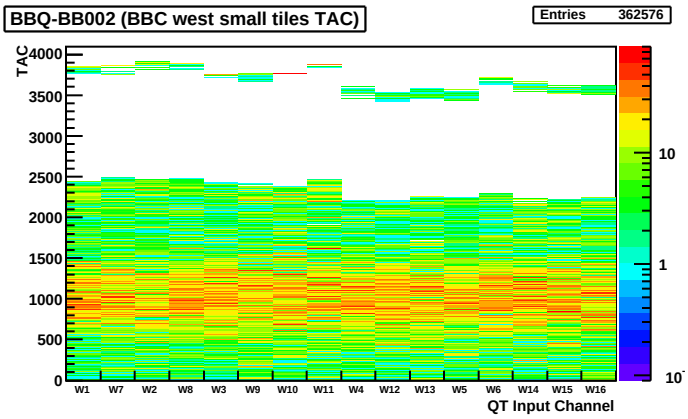

L1-TF201
Entries 22661
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

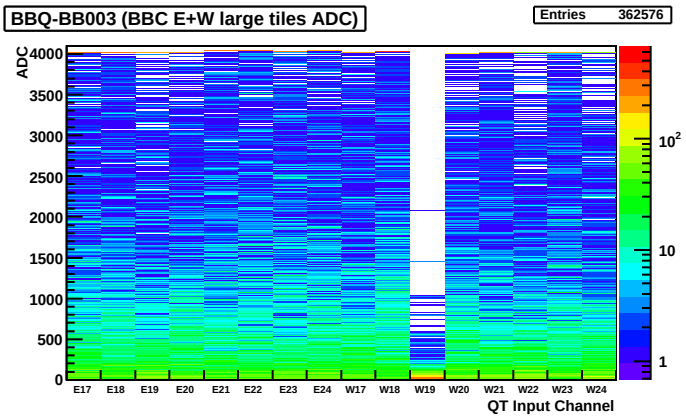

L1-TF201
Entries 135966
Threshold bits
1
0
15151
14806
14856
15132
14683
14588
7510
7855
7805
7529
7978
8073
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

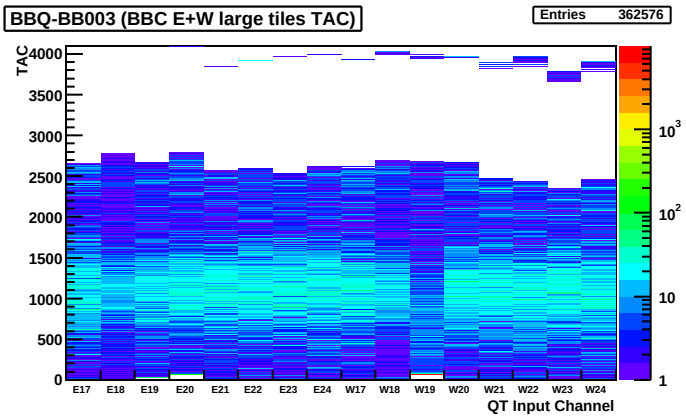

BBQ-BB001 (BBC east small tiles ADC)
Entries 362576
ADC
QT Input Channel

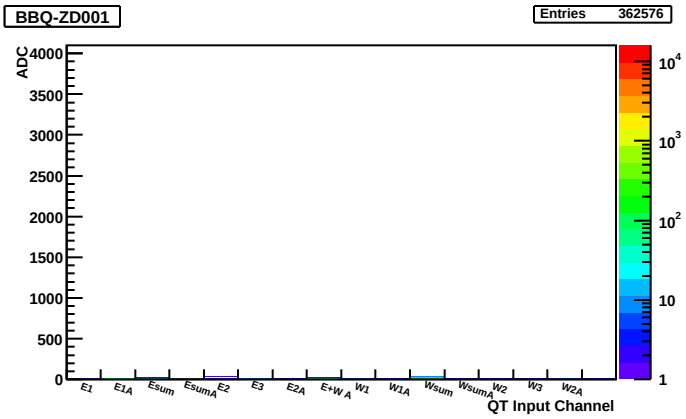

BBQ-BB001 (BBC east small tiles TAC)
Entries 362576
TAC
QT Input Channel

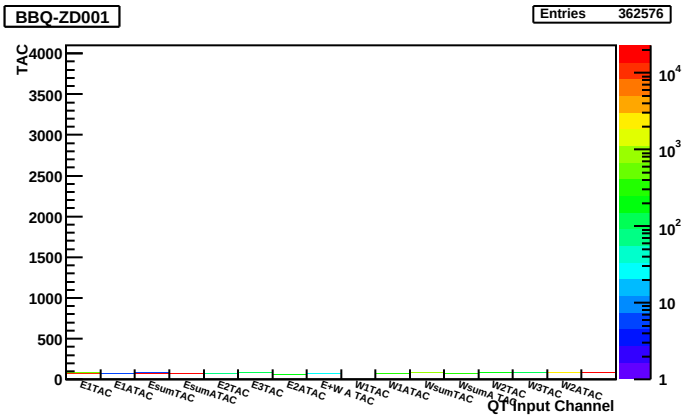

BBQ-BB002 (BBC west small tiles ADC)
Entries 362576
ADC
QT Input Channel

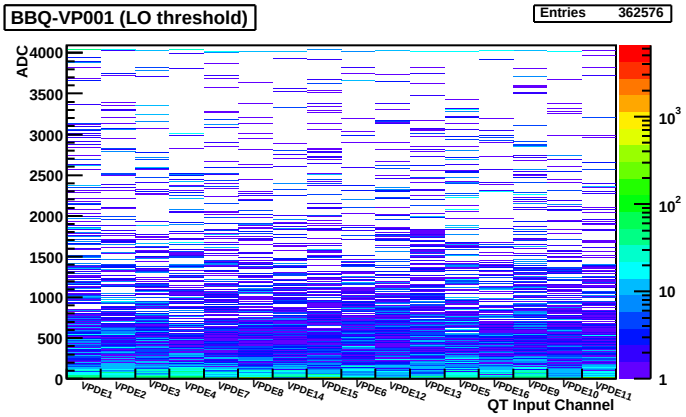

BBQ-BB002 (BBC west small tiles TAC)
Entries 362576
TAC
QT Input Channel

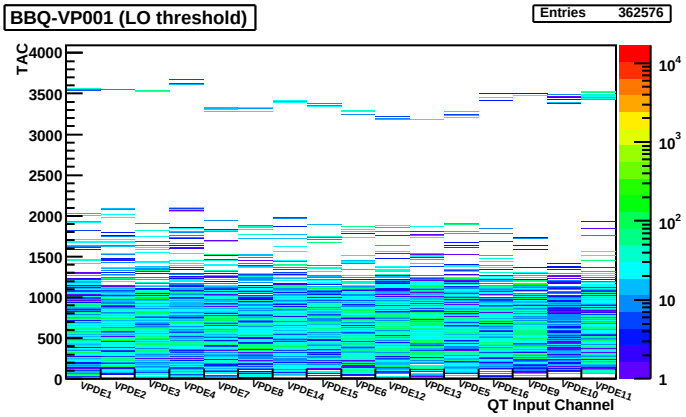

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 362576
ADC
QT Input Channel

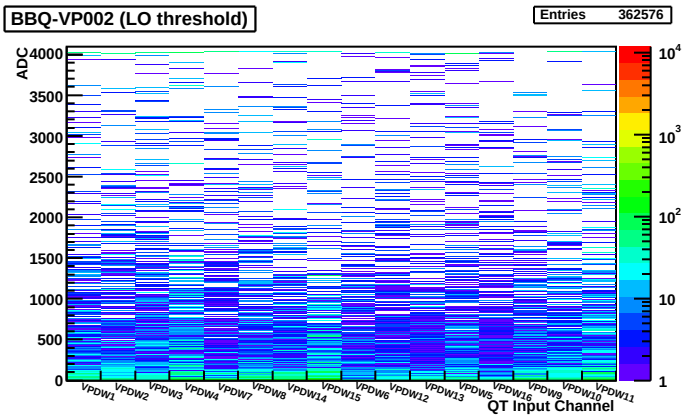

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 362576
TAC
QT Input Channel

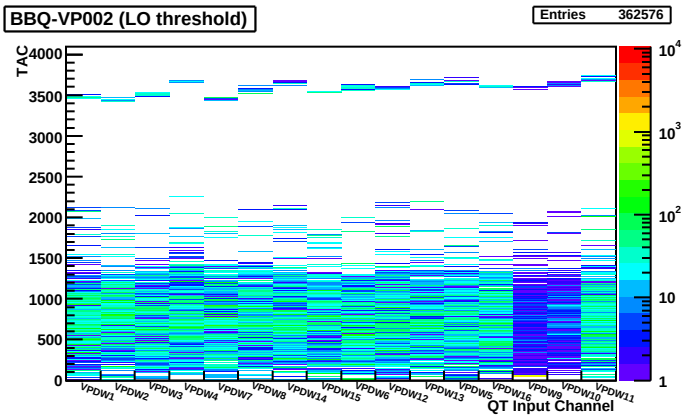

BBQ-ZD001
Entries 362576
ADC
QT Input Channel

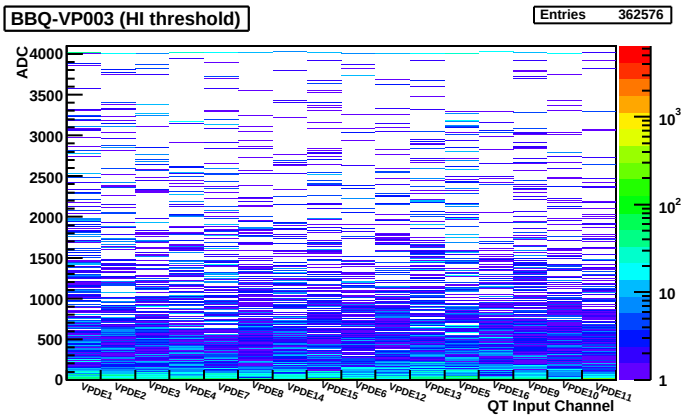

BBQ-ZD001
Entries 362576
TAC
QT Input Channel

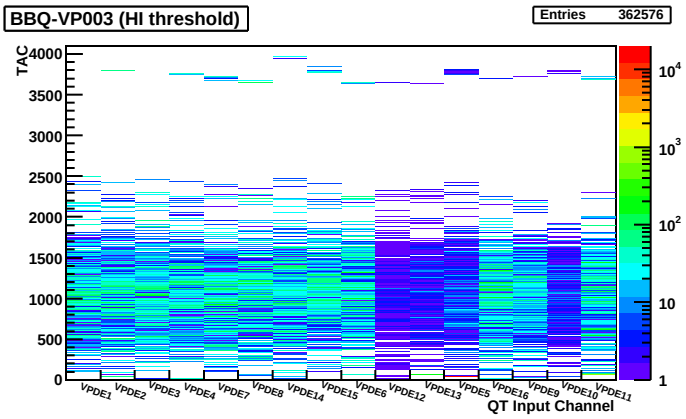

BBQ-VP001 (LO threshold)
Entries 362576
ADC
QT Input Channel

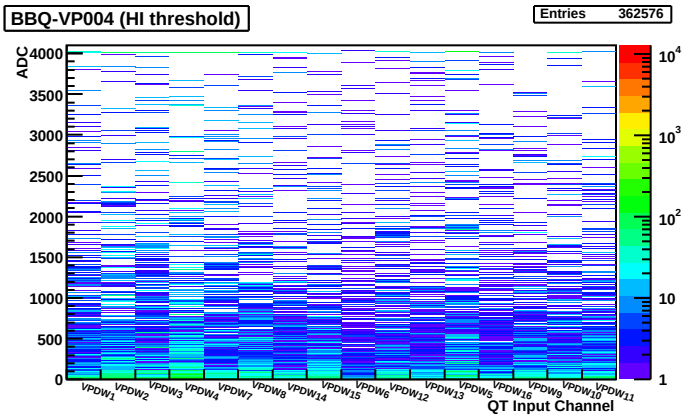

BBQ-VP001 (LO threshold)
Entries 362576
TAC
QT Input Channel

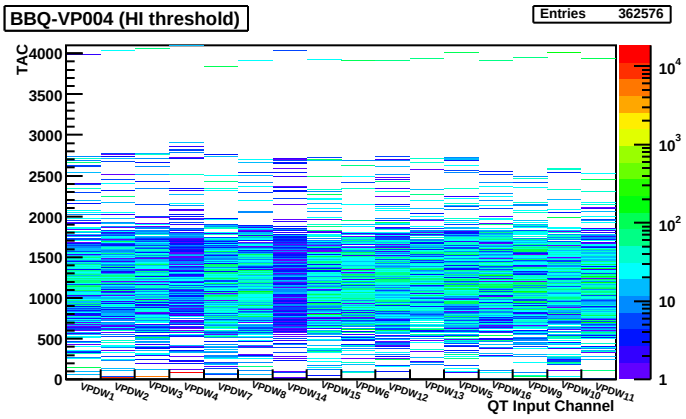

BBQ-VP002 (LO threshold)
Entries 362576
ADC
QT Input Channel

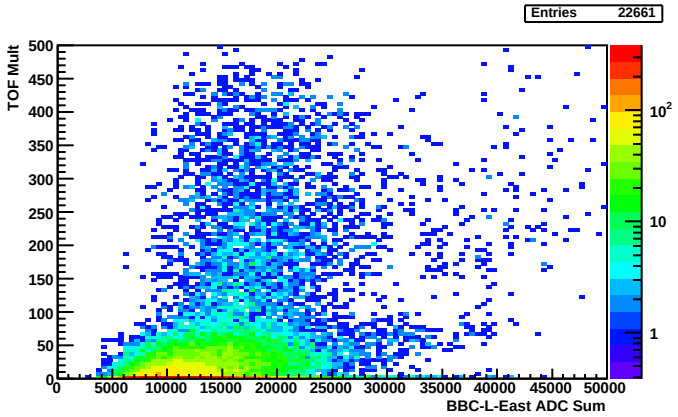

BBQ-VP002 (LO threshold)
Entries 362576
TAC
QT Input Channel

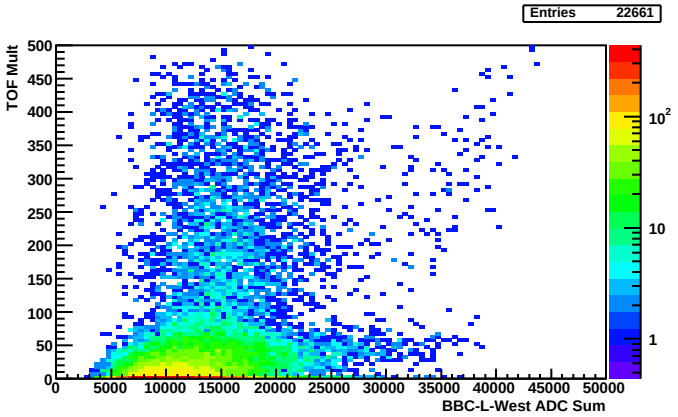

BBQ-VP003 (HI threshold)
Entries 362576
ADC
QT Input Channel

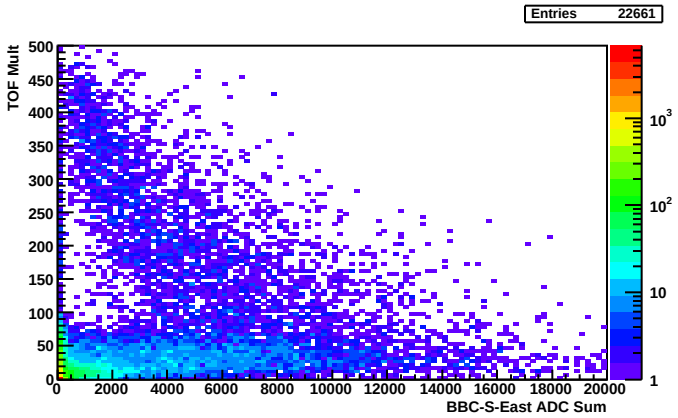

BBQ-VP003 (HI threshold)
Entries 362576
TAC
QT Input Channel

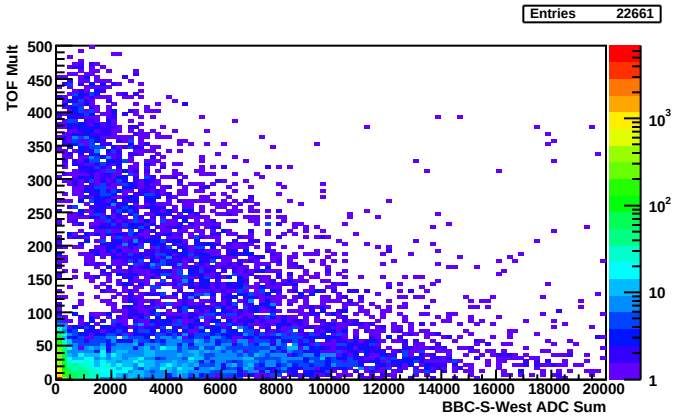

BBQ-VP004 (HI threshold)
Entries 362576
ADC
QT Input Channel

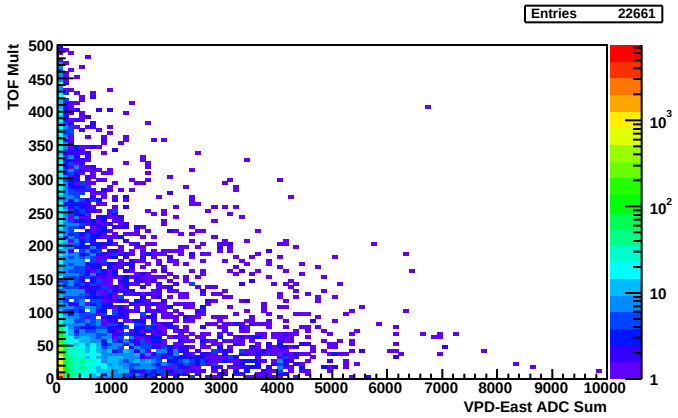

BBQ-VP004 (HI threshold)
Entries 362576
TAC
QT Input Channel

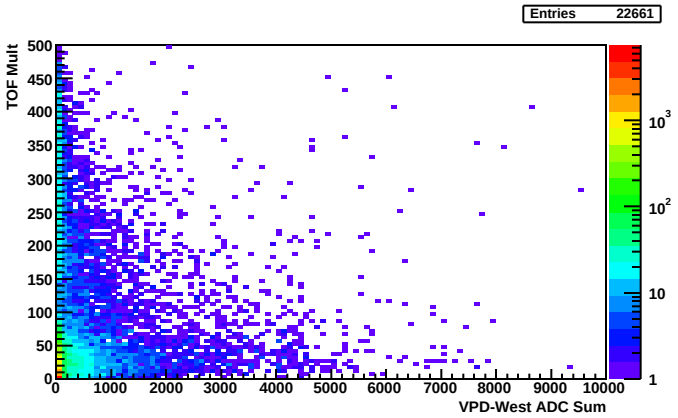

Entries 22661
TOF Mult
BBC-L-East ADC Sum

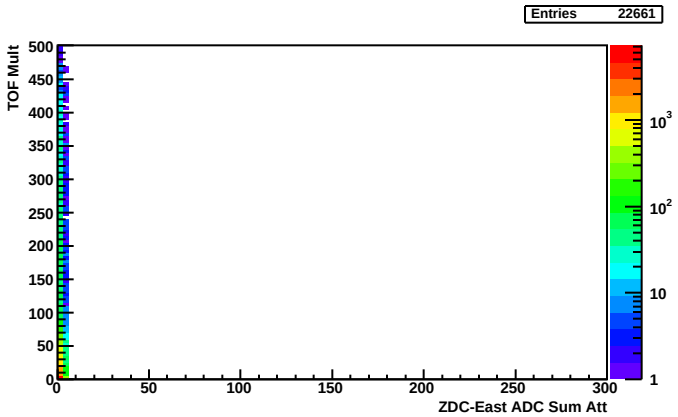

Entries 22661
TOF Mult
BBC-L-West ADC Sum

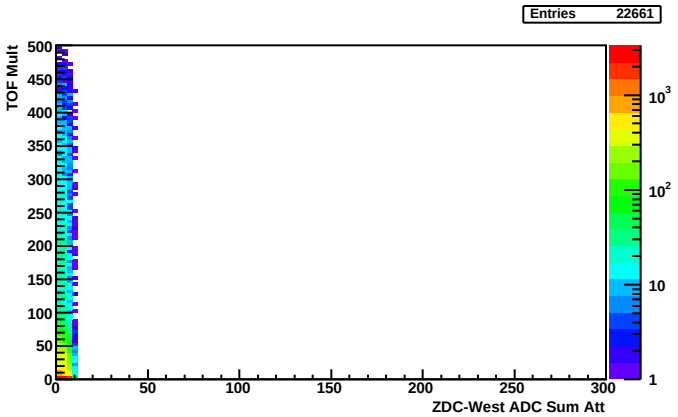

Entries 22661
TOF Mult
BBC-S-East ADC Sum

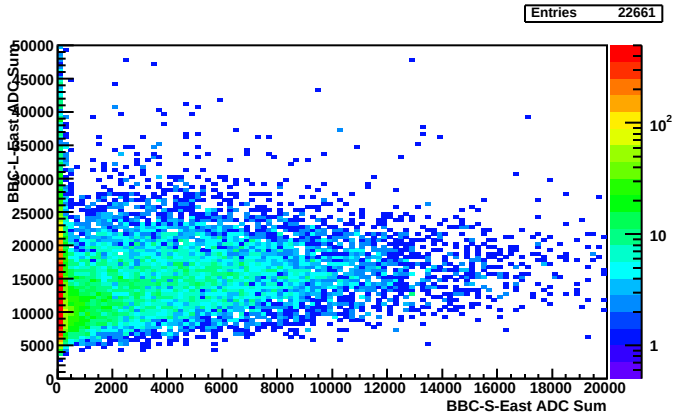

Entries 22661
TOF Mult
BBC-S-West ADC Sum

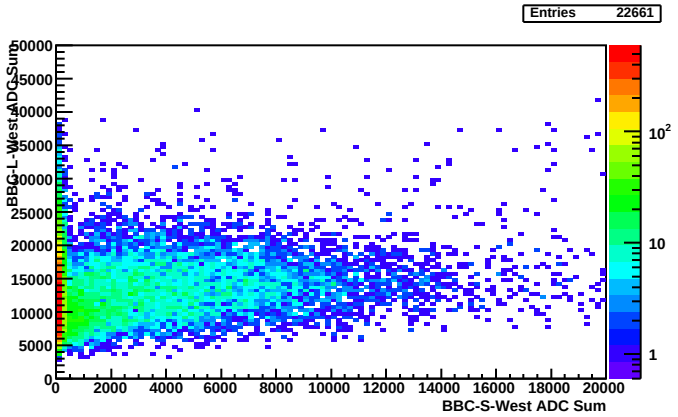

Entries 22661
TOF Mult
VPD-East ADC Sum

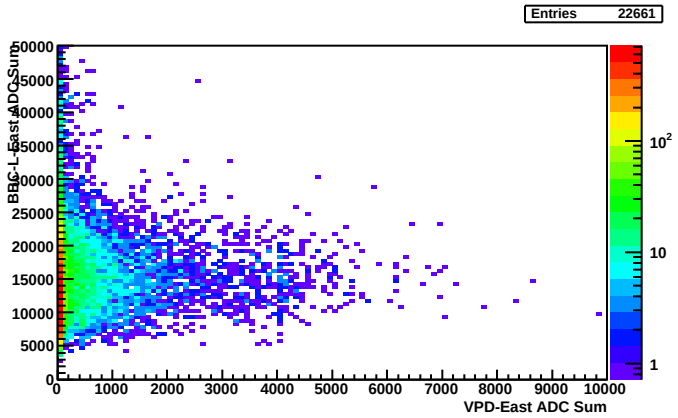

Entries 22661
TOF Mult
VPD-West ADC Sum

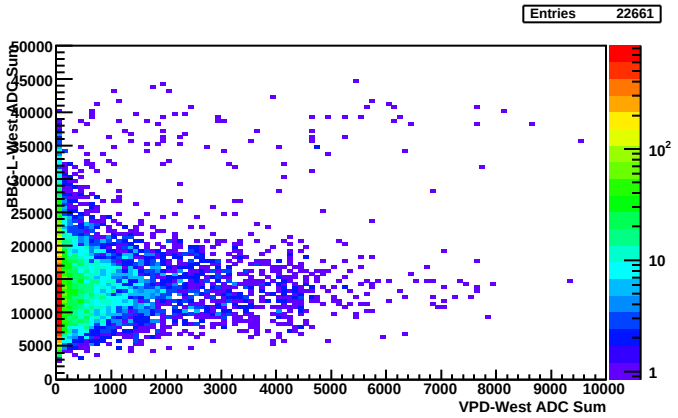

Entries 22661
TOF Mult
ZDC-East ADC Sum Att

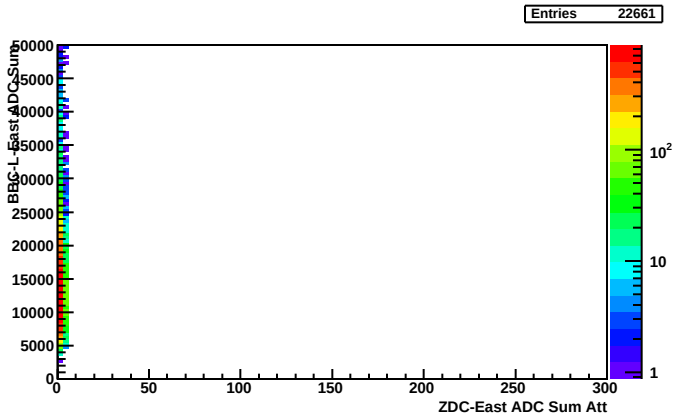

Entries 22661
TOF Mult
ZDC-West ADC Sum Att

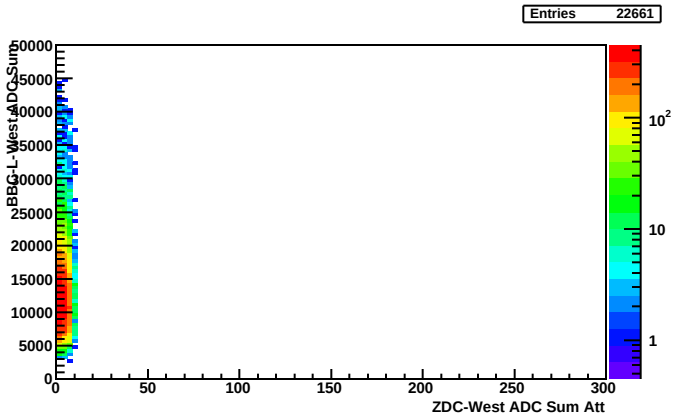

Entries 22661
BBC-L-East ADC Sum
BBC-S-East ADC Sum

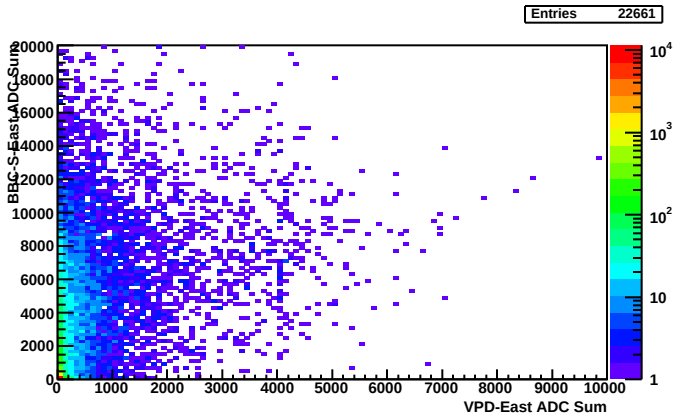

Entries 22661
BBC-L-West ADC Sum
BBC-S-West ADC Sum

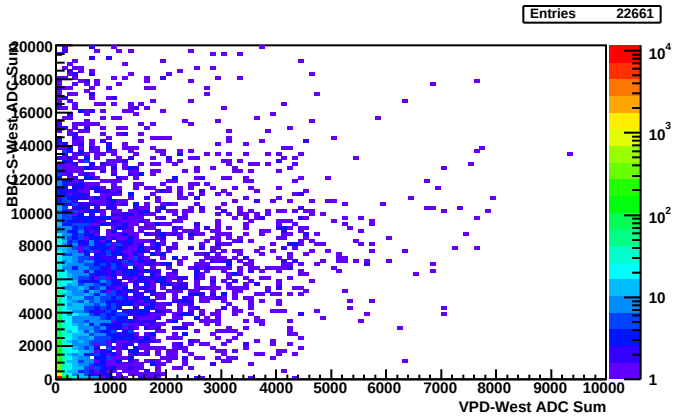

Entries 22661
BBC-L-East ADC Sum
VPD-East ADC Sum

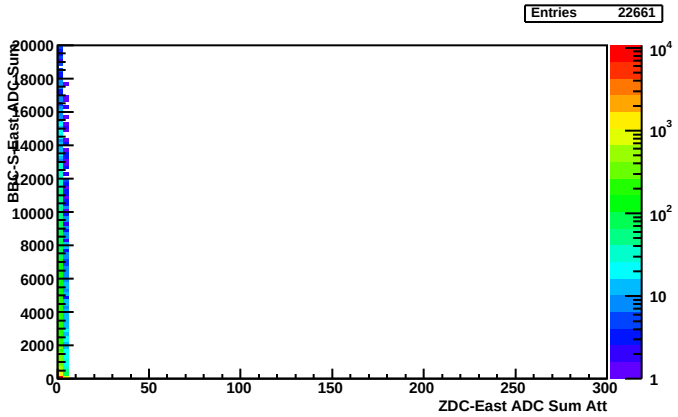

Entries 22661
BBC-L-West ADC Sum
VPD-West ADC Sum

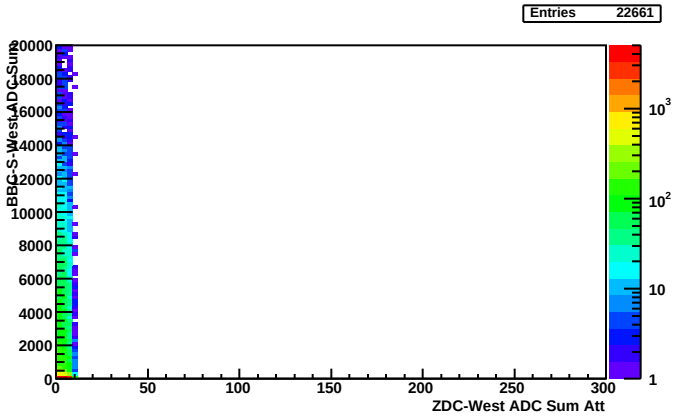

Entries 22661
BBC-L-East ADC Sum
ZDC-East ADC Sum Att

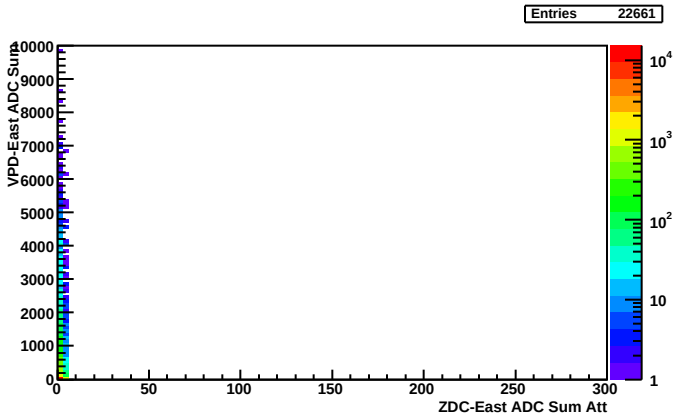

Entries 22661
BBC-L-West ADC Sum
ZDC-West ADC Sum Att

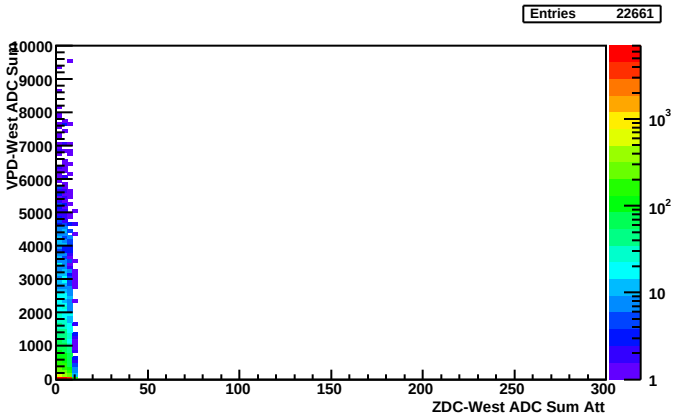

Entries 22661
BBC-S-East ADC Sum
VPD-East ADC Sum

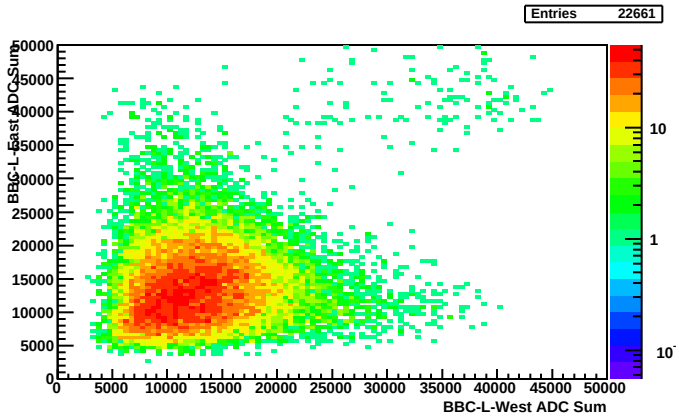

Entries 22661
BBC-S-West ADC Sum
VPD-West ADC Sum

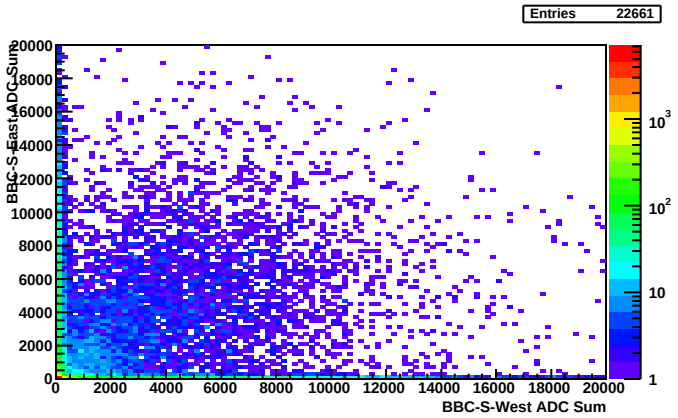

Entries 22661
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

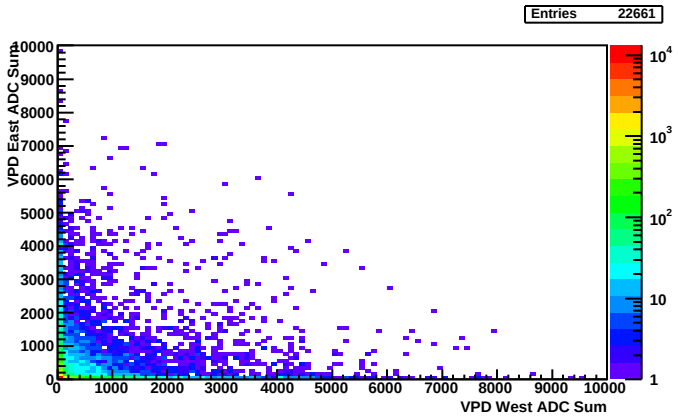

Entries 22661
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

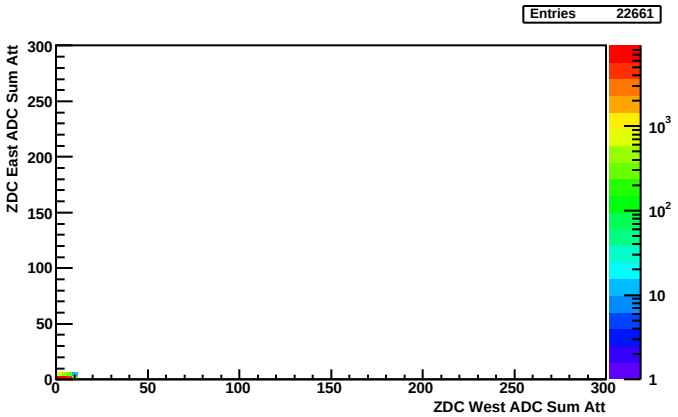

Entries 22661
VPD-East ADC Sum
ZDC-East ADC Sum Att

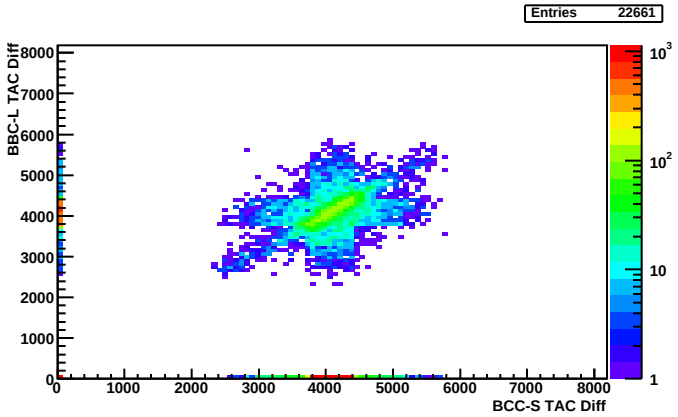

Entries 22661
VPD-West ADC Sum
ZDC-West ADC Sum Att

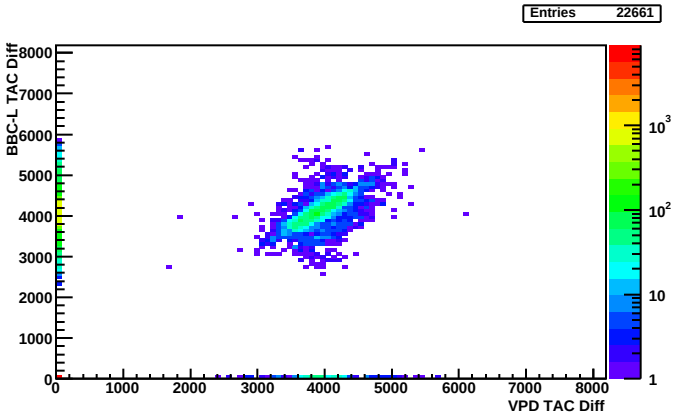

Entries 22661
BBC-L-East ADC Sum
BBC-L-West ADC Sum

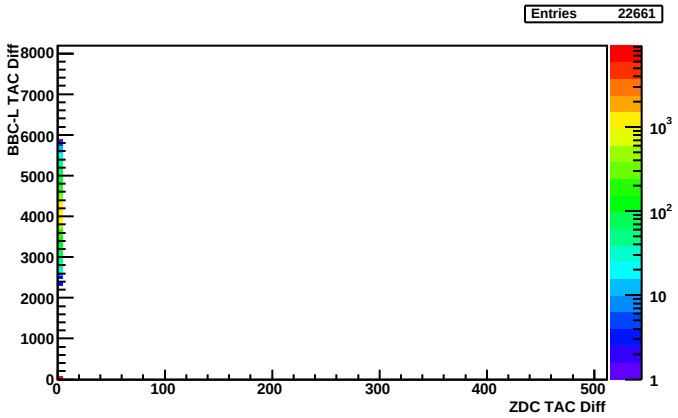

Entries 22661
BBC-S-East ADC Sum
BBC-S-West ADC Sum


Entries 22661
VPD East ADC Sum
VPD West ADC Sum


Entries 22661
ZDC East ADC Sum Att
ZDC West ADC Sum Att


Entries 22661
BBC-L TAC Diff
BCC-S TAC Diff


Entries 22661
BBC-L TAC Diff
VPD TAC Diff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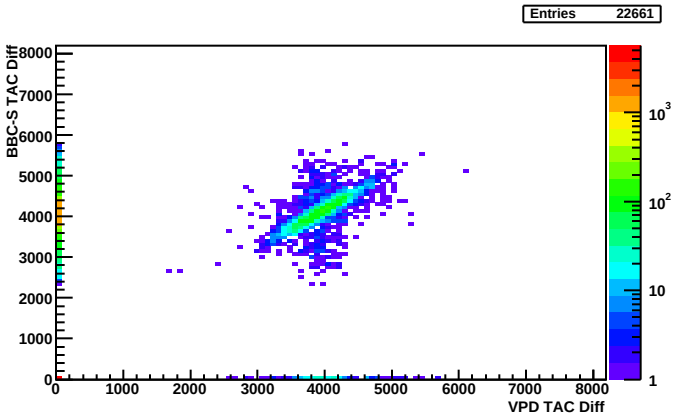
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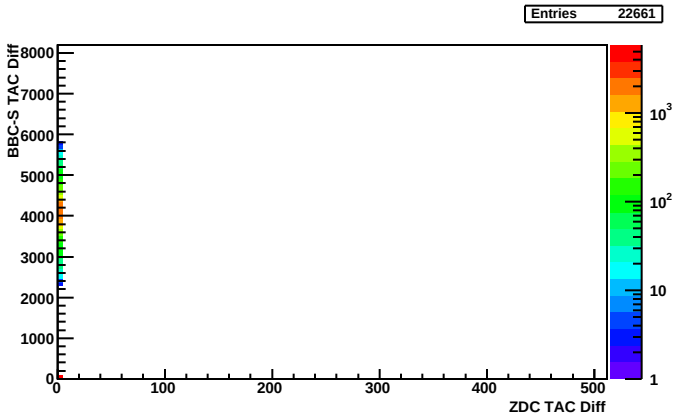
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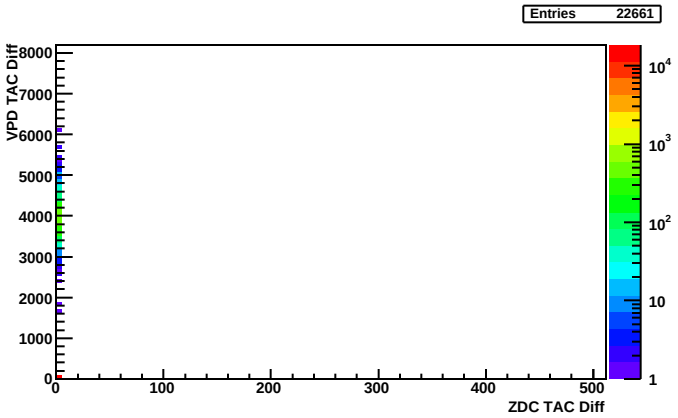
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