Update on occupancy measurements

Data taken with

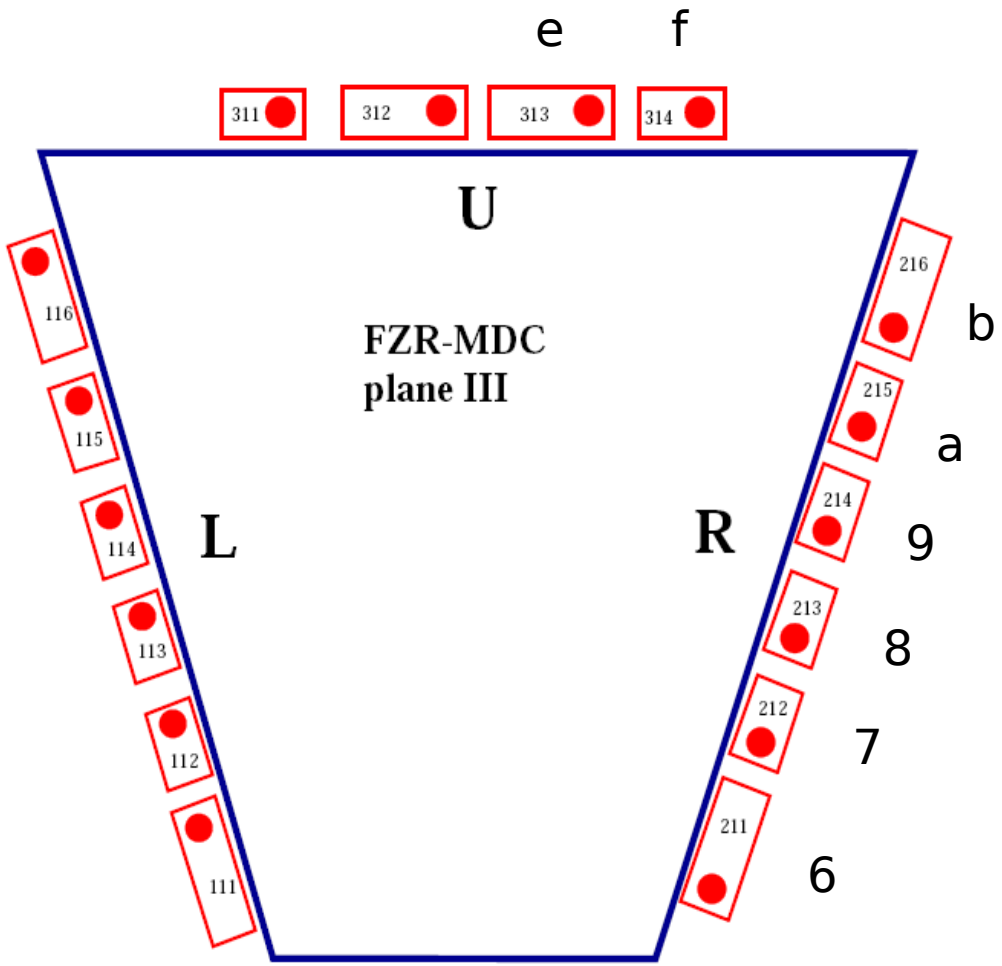
1 MBO : 9

2 MBOs : 8 + 9

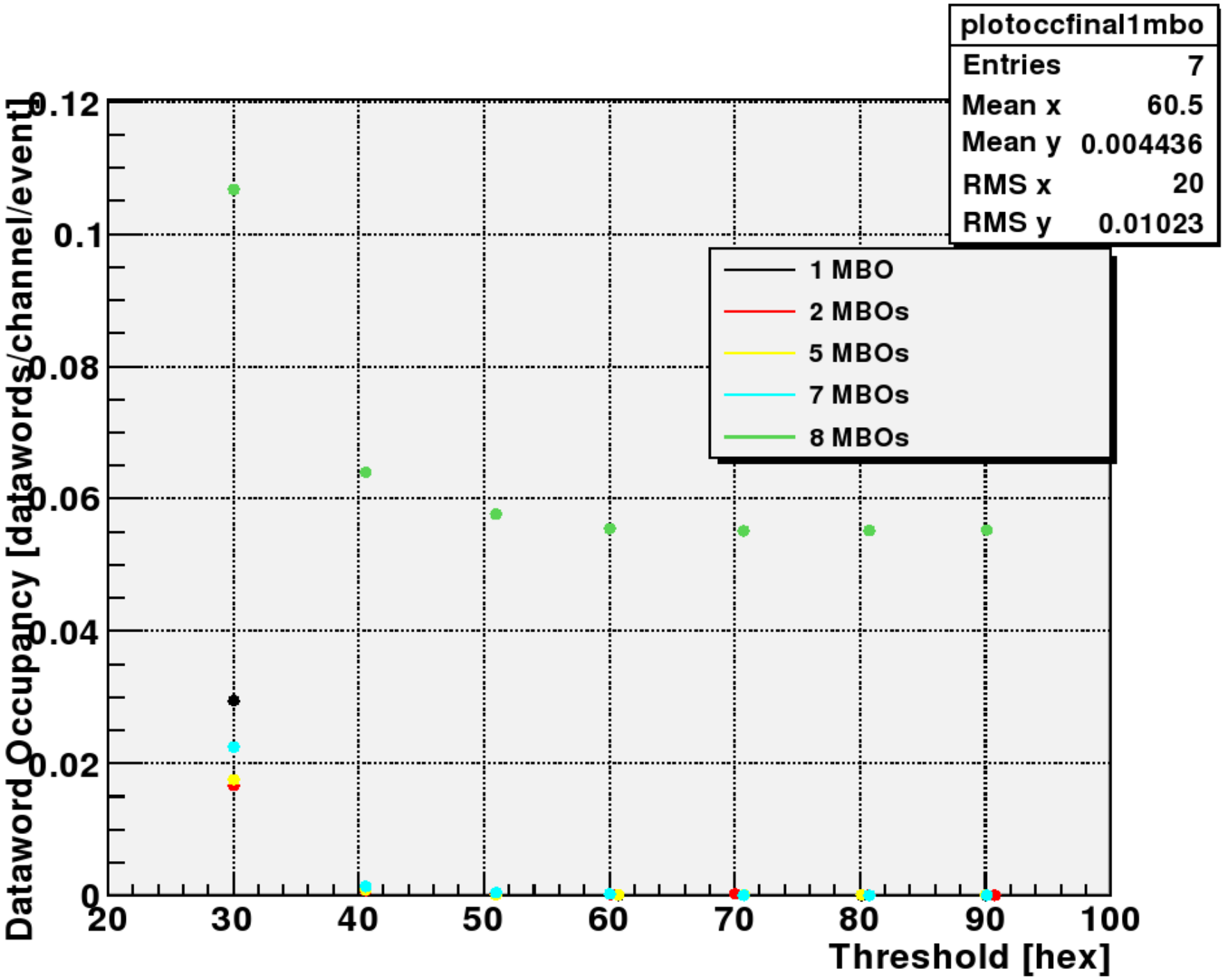
5 MBOs : 6 + 7 + 8 + 9 + a

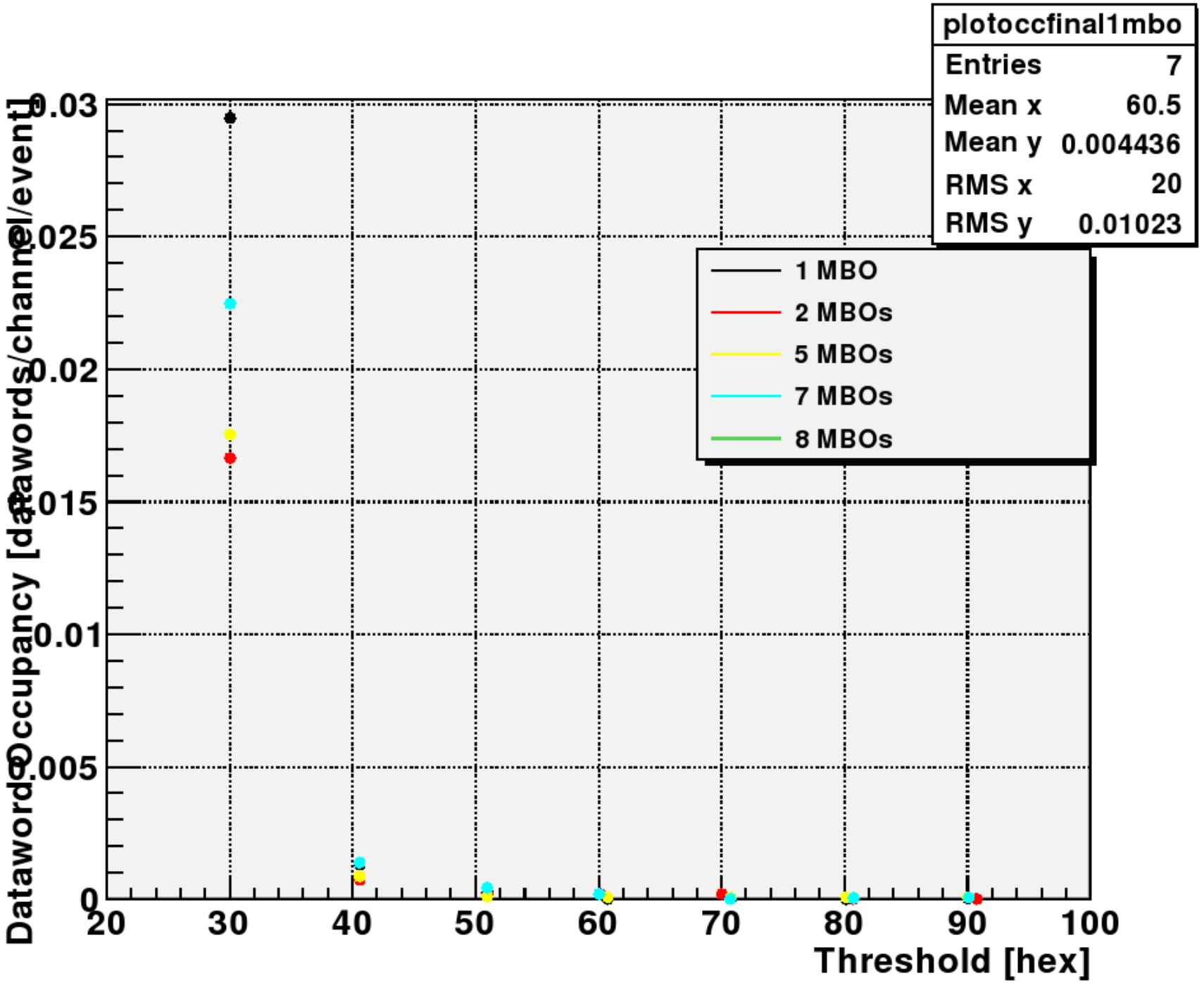
7 MBOs : 6 + 7 + 8 + 9 + a + e + f

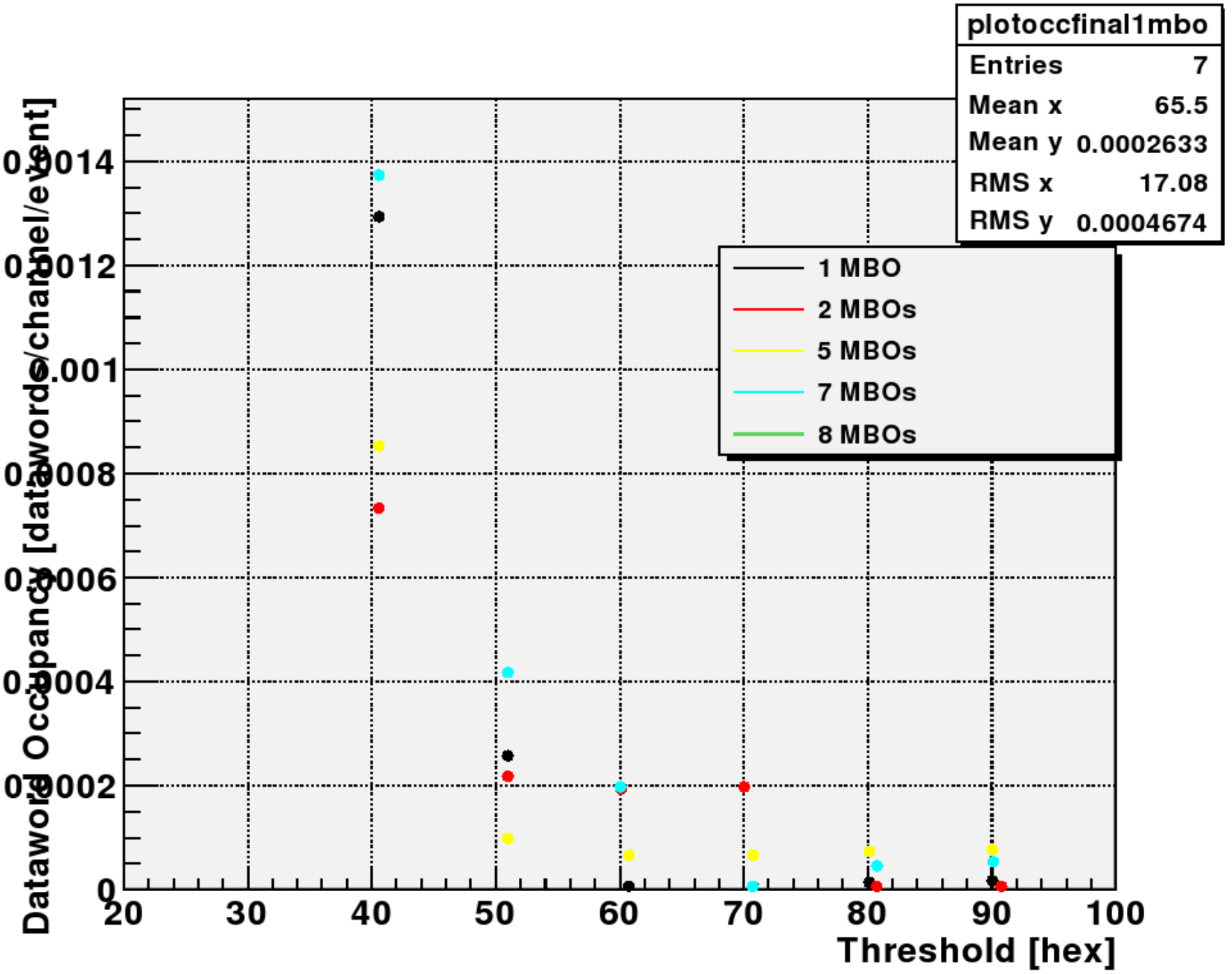
8 MBOs : 6 - f



MBO b extremely noisy


plotoccfinal1mbo
Entries 7
Mean x 60.5
Mean y 0.004436
RMS x 20
RMS y 0.01023
1 MBO
2 MBOs
5 MBOs
7 MBOs
8 MBOs
Dataword Occupancy [datawords/channel/event]
0
0.02
0.04
0.06
0.08
0.1
0.12
20
30
40
50
60
70
80
90
100
Threshold [hex]


plotoccfinal1mbo
Entries 7
Mean x 60.5
Mean y 0.004436
RMS x 20
RMS y 0.01023
1 MBO
2 MBOs
5 MBOs
7 MBOs
8 MBOs
Occupancy [datawords/channel/event]
Threshold [hex]
0
0.005
0.01
0.015
0.02
0.025
0.03
20
30
40
50
60
70
80
90
100


plotoccfinal1mbo
Entries 7
Mean x 65.5
Mean y 0.0002633
RMS x 17.08
RMS y 0.0004674
1 MBO
2 MBOs
5 MBOs
7 MBOs
8 MBOs
Dataword Occupancy [datawords/channel/event]
0.0014
0.0012
0.001
0.0008
0.0006
0.0004
0.0002
0
20
30
40
50
60
70
80
90
100
Threshold [hex]