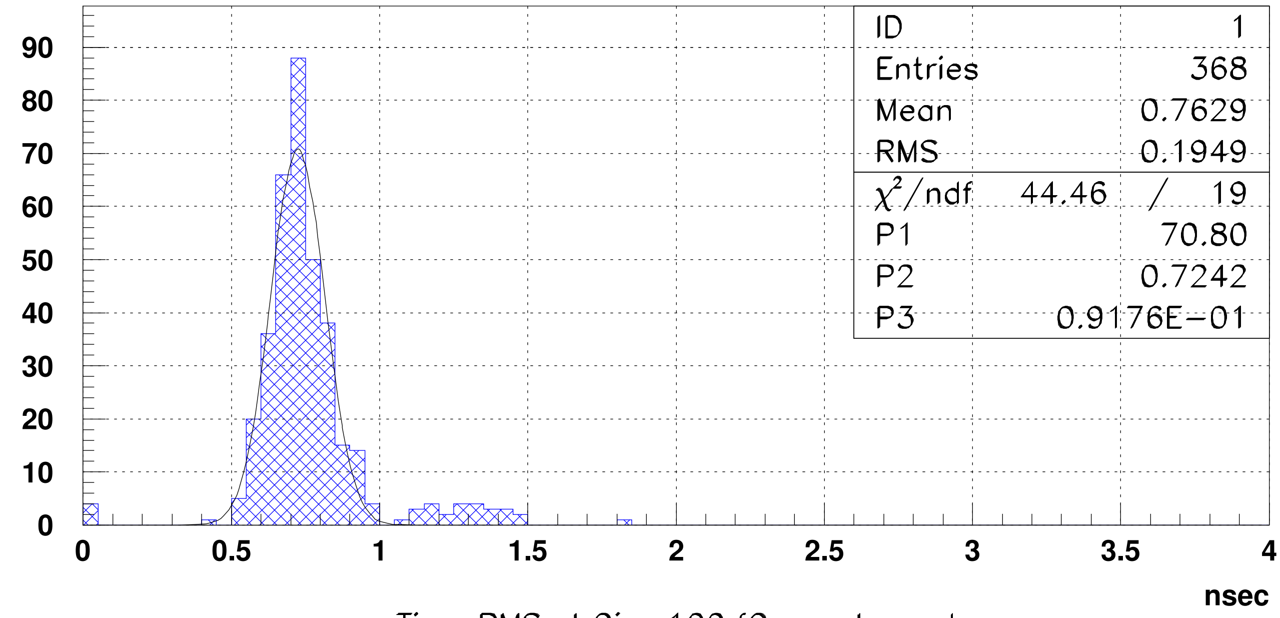
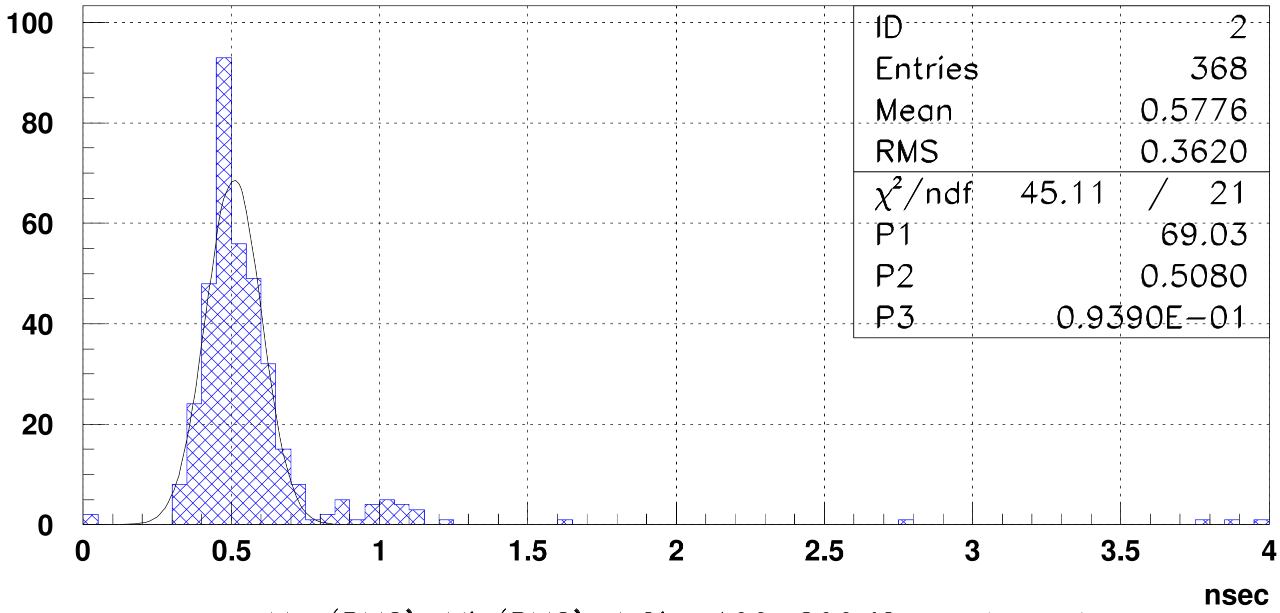
Chip CMP16C Pass 1 JTAG=150 Cin=180 pF Fermilab Stand Jun 99

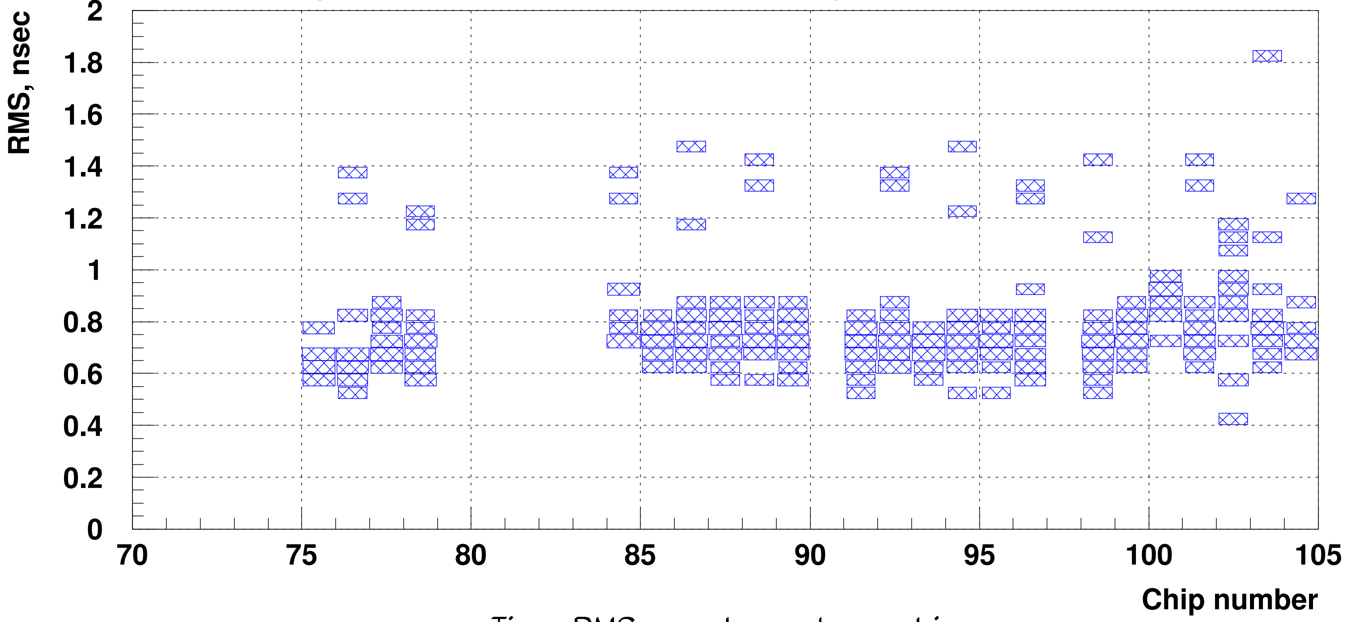



Time RMS at Qin=100 fC per channel

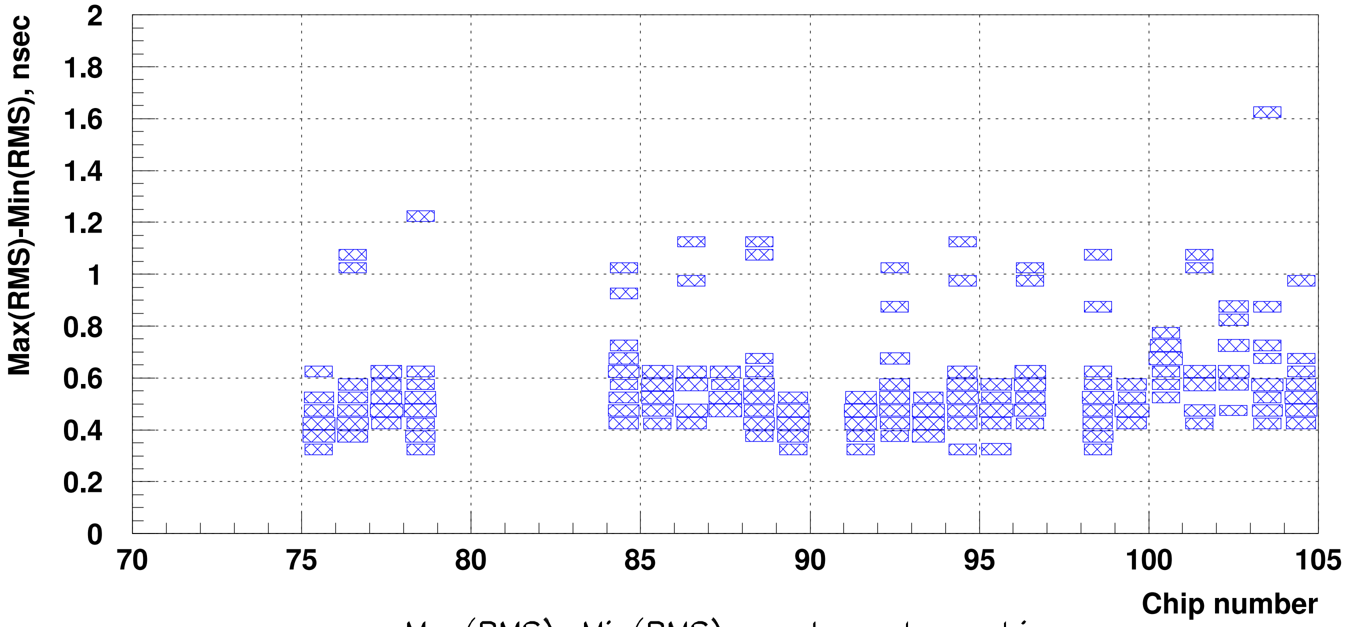



Max(RMS)−Min(RMS) at Qin=100−800 fC per channel

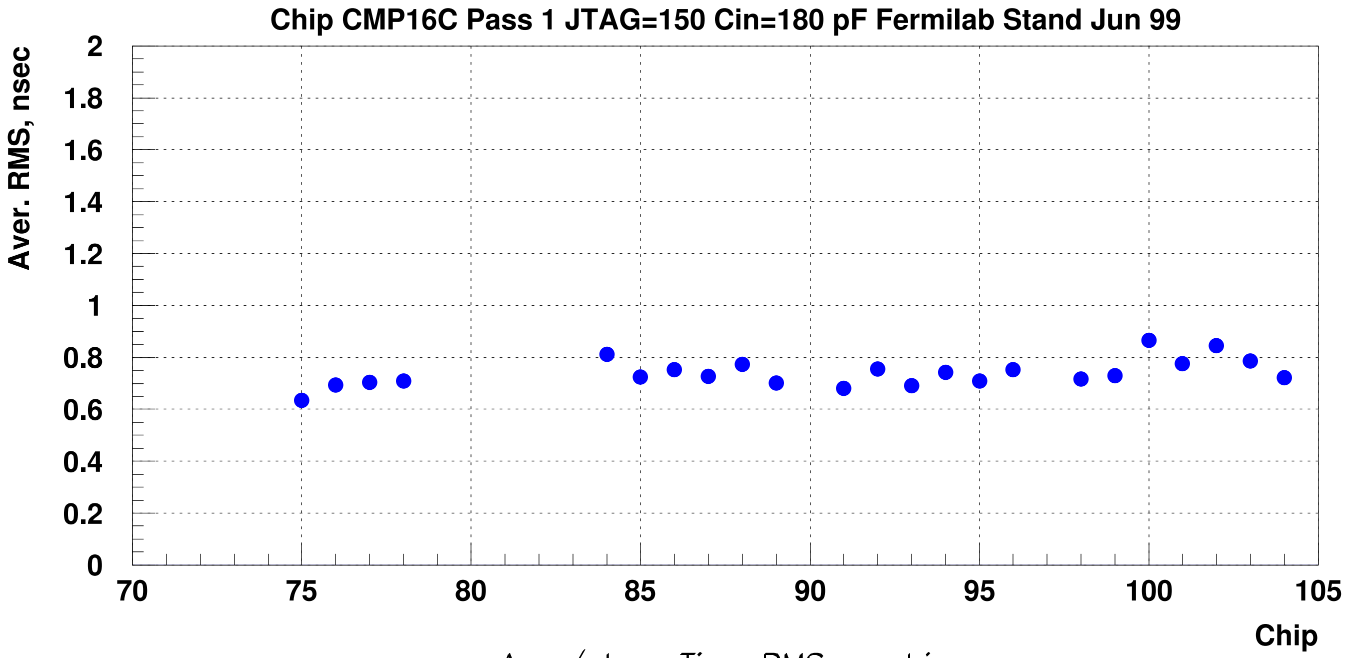
Chip CMP16C Pass 1 JTAG=150 Cin=180 pF Fermilab Stand Jun 99



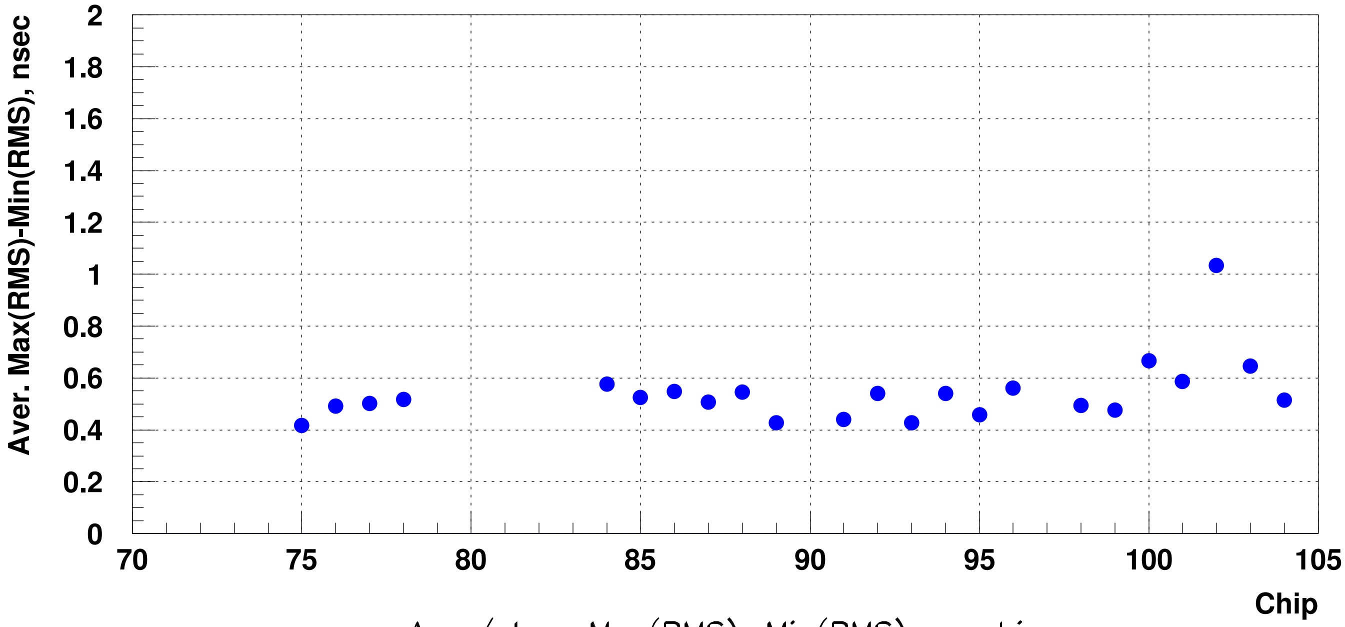

Time RMS per channel vs chip



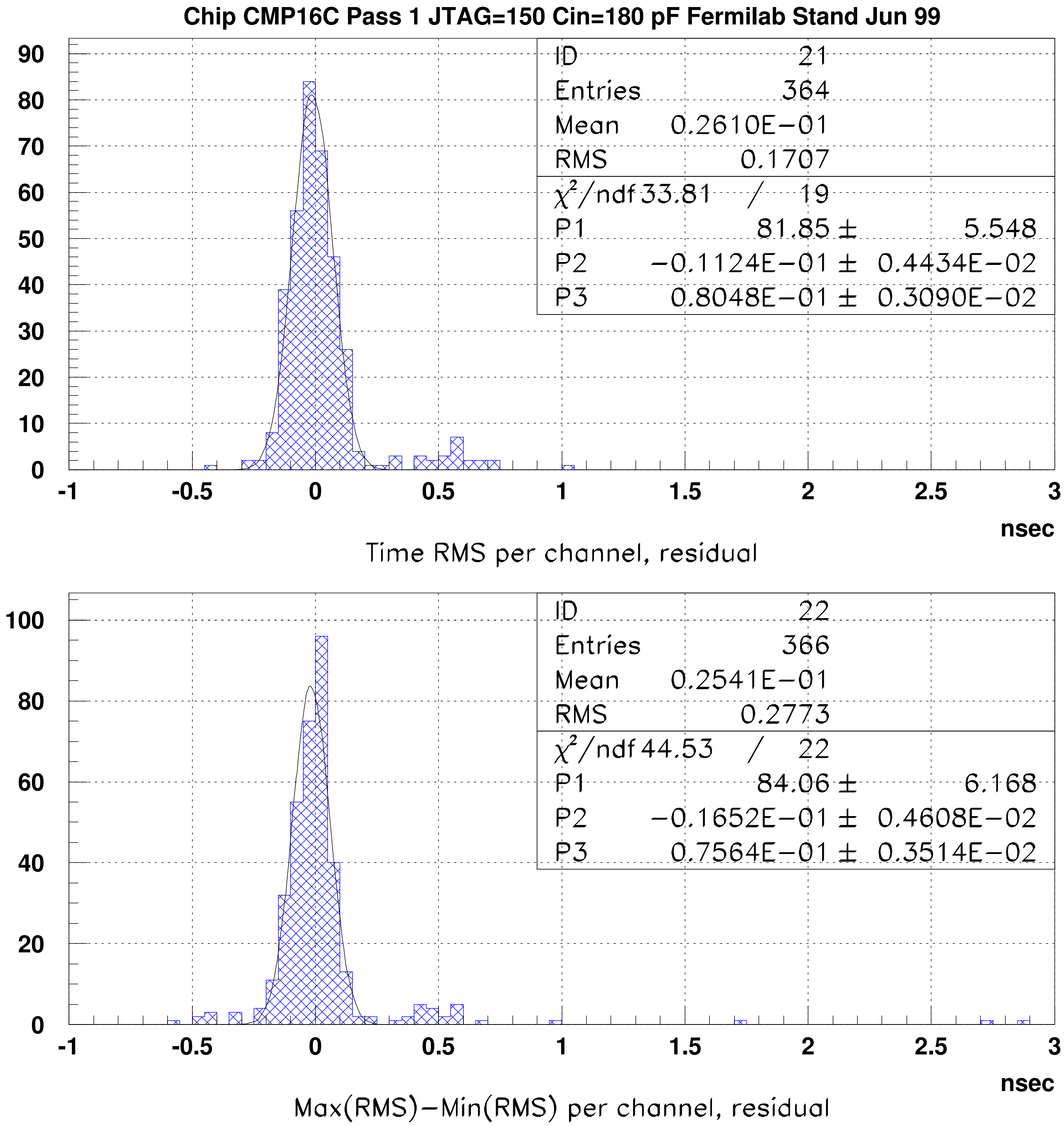

Max(RMS)−Min(RMS) per channel vs chip

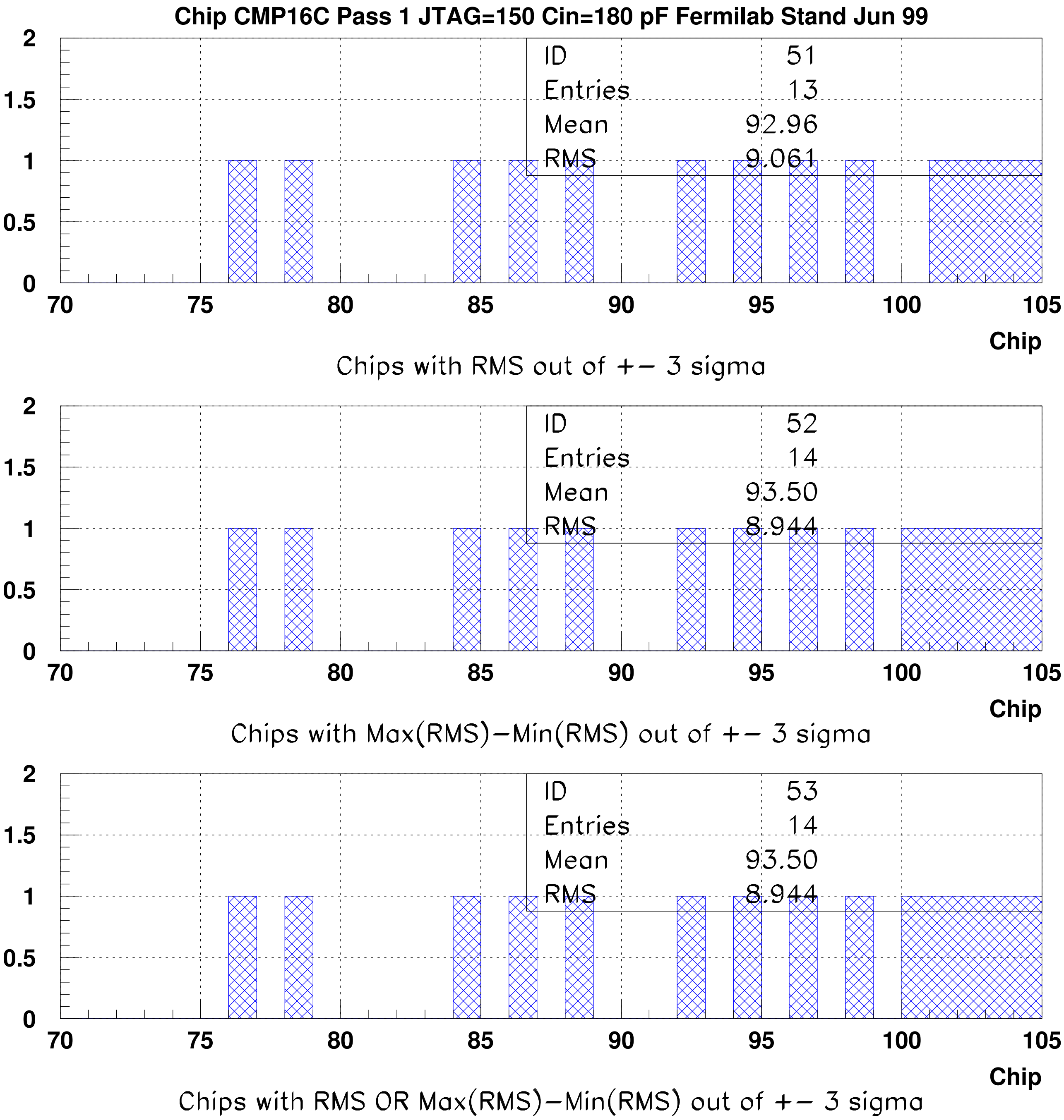



Aver/chan. Time RMS vs chip

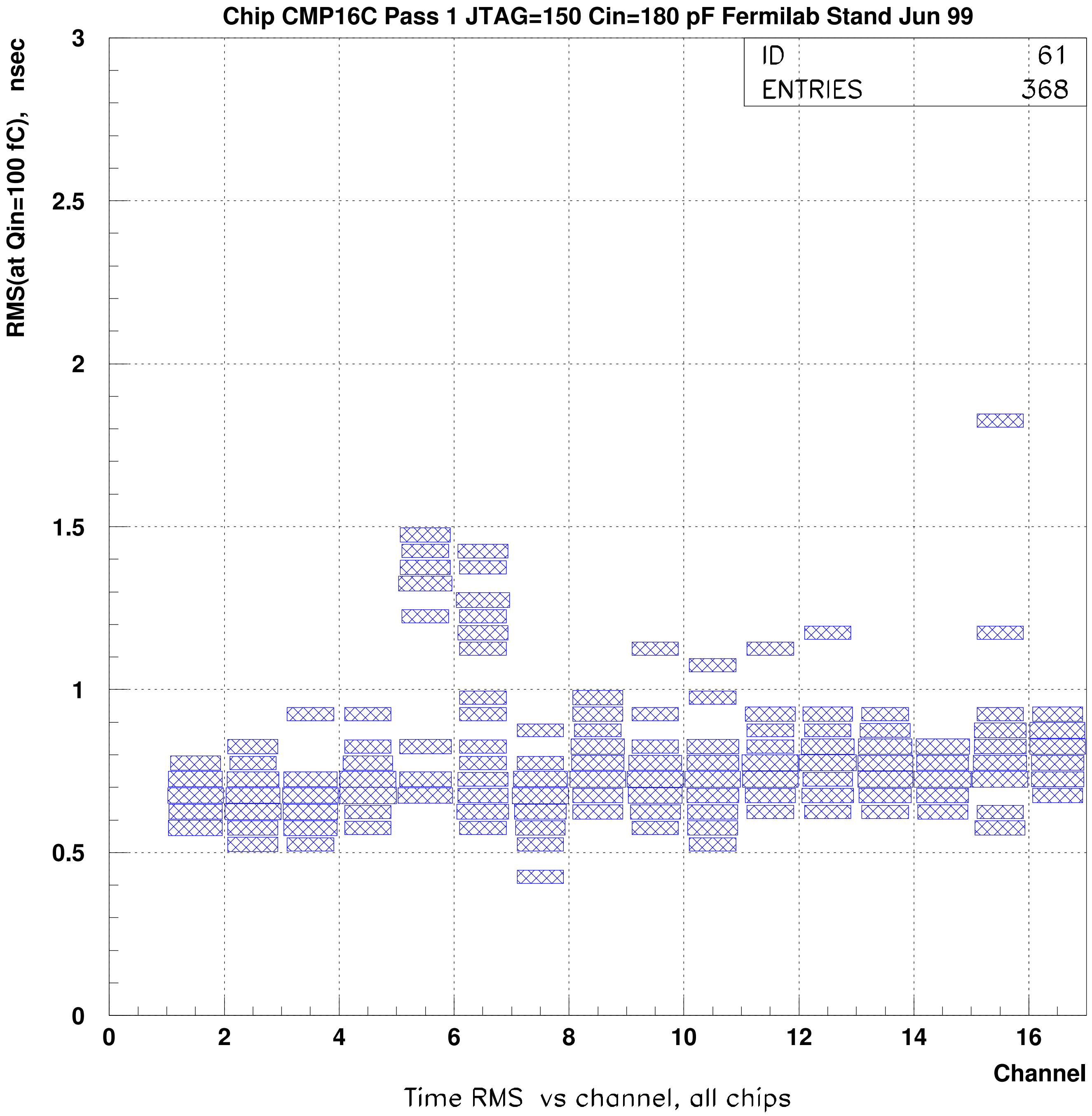



Aver/chan. Max(RMS)−Min(RMS) vs chip


Chip CMP16C Pass 1 JTAG=150 Cin=180 pF Fermilab Stand Jun 99
ID 21
Entries 364
Mean 0.2610E−01
RMS 0.1707
$\chi^2$/ndf 33.81 / 19
P1 81.85 ± 5.548
P2 −0.1124E−01 ± 0.4434E−02
P3 0.8048E−01 ± 0.3090E−02
nsec
Time RMS per channel, residual
ID 22
Entries 366
Mean 0.2541E−01
RMS 0.2773
$\chi^2$/ndf 44.53 / 22
P1 84.06 ± 6.168
P2 −0.1652E−01 ± 0.4608E−02
P3 0.7564E−01 ± 0.3514E−02
nsec
Max(RMS)−Min(RMS) per channel, residual



Chip CMP16C Pass 1 JTAG=150 Cin=180 pF Fermilab Stand Jun 99
ID 51
Entries 13
Mean 92.96
RMS 9.061
Chip
Chips with RMS out of +- 3 sigma
ID 52
Entries 14
Mean 93.50
RMS 8.944
Chip
Chips with Max(RMS)-Min(RMS) out of +- 3 sigma
ID 53
Entries 14
Mean 93.50
RMS 8.944
Chip
Chips with RMS OR Max(RMS)-Min(RMS) out of +- 3 sigma


Chip CMP16C Pass 1 JTAG=150 Cin=180 pF Fermilab Stand Jun 99
ID 61
ENTRIES 368
RMS(at Qin=100 fC), nsec
0
0.5
1
1.5
2
2.5
3
0
2
4
6
8
10
12
14
16
Channel
Time RMS vs channel, all chips