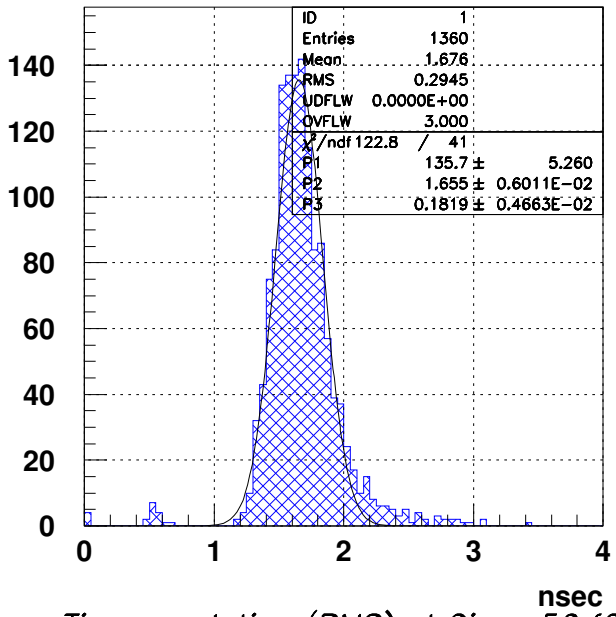
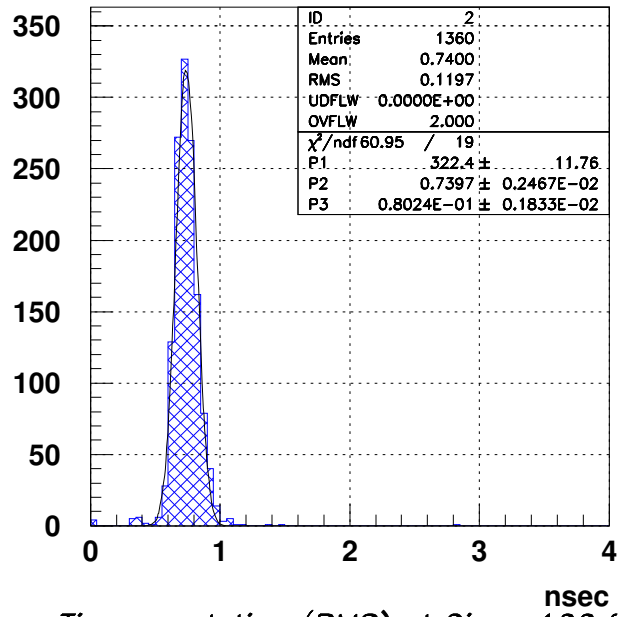
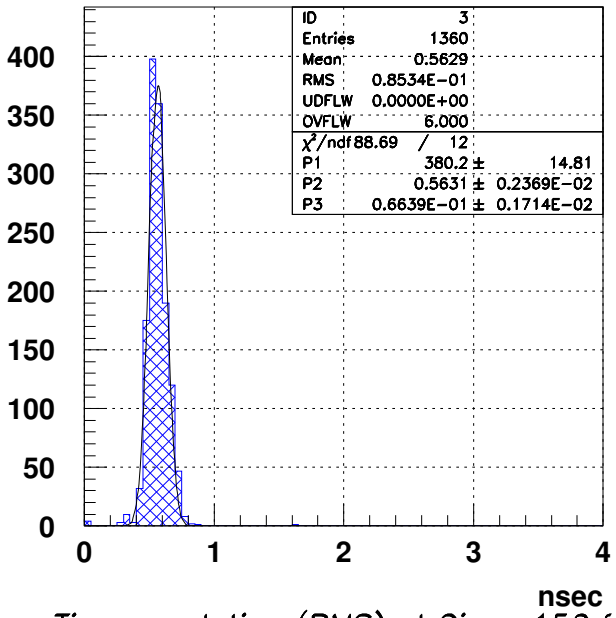
CMP16F Time resolution Ud=1400 mV Cdet=180 pF Fermilab May-Aug 2000



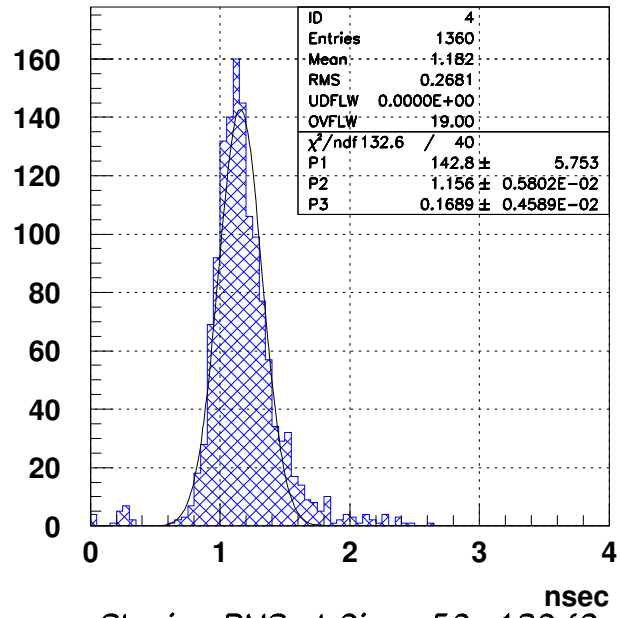
Time resolution (RMS) at Qin = 50 fC



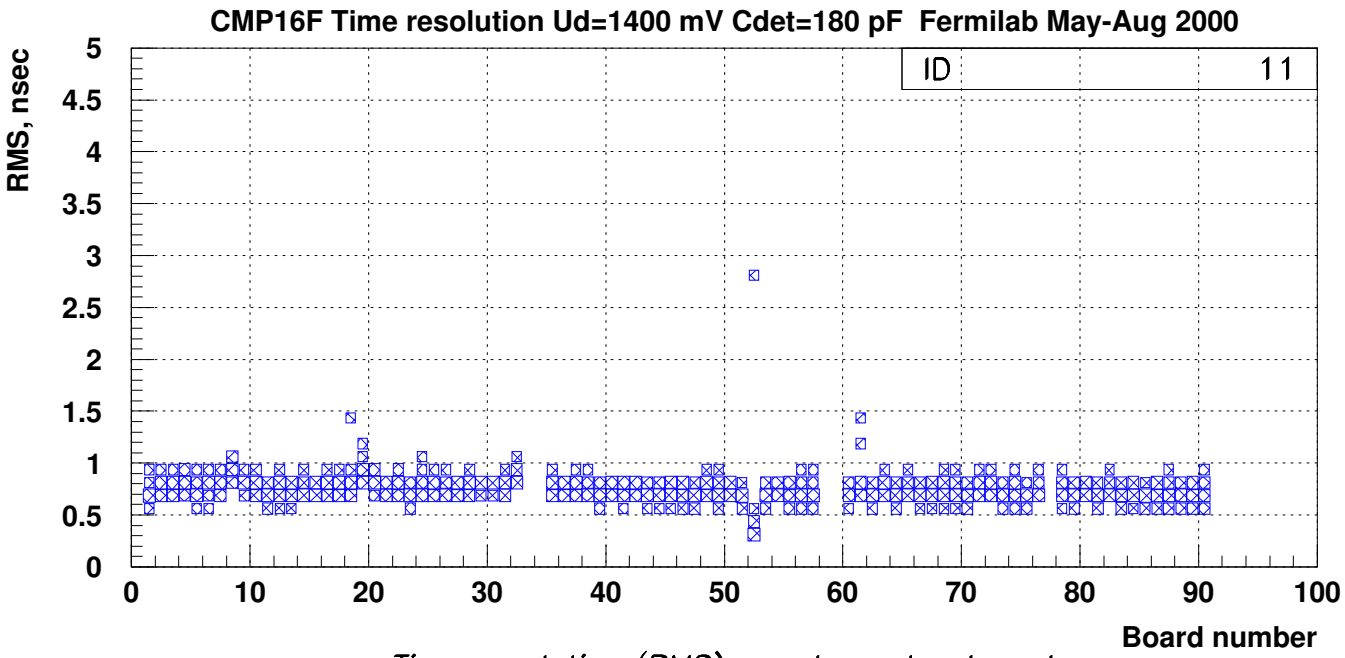
Time resolution (RMS) at Qin = 100 fC



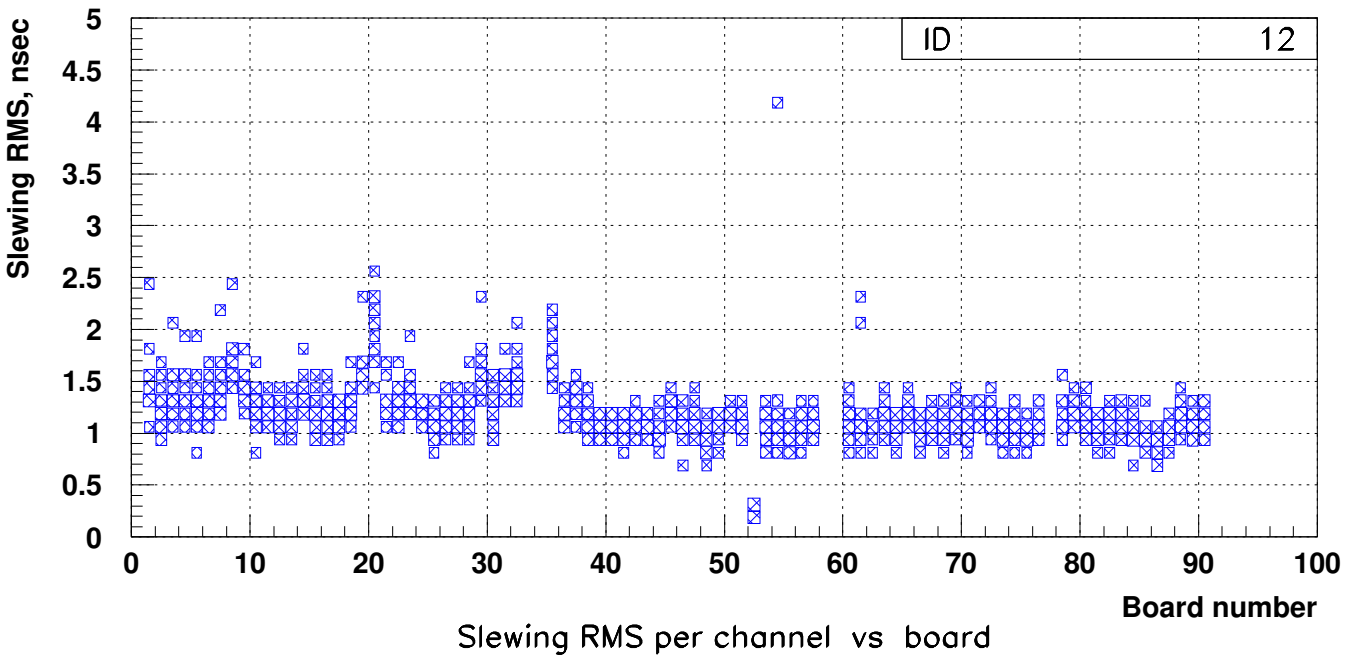
Time resolution (RMS) at Qin = 150 fC



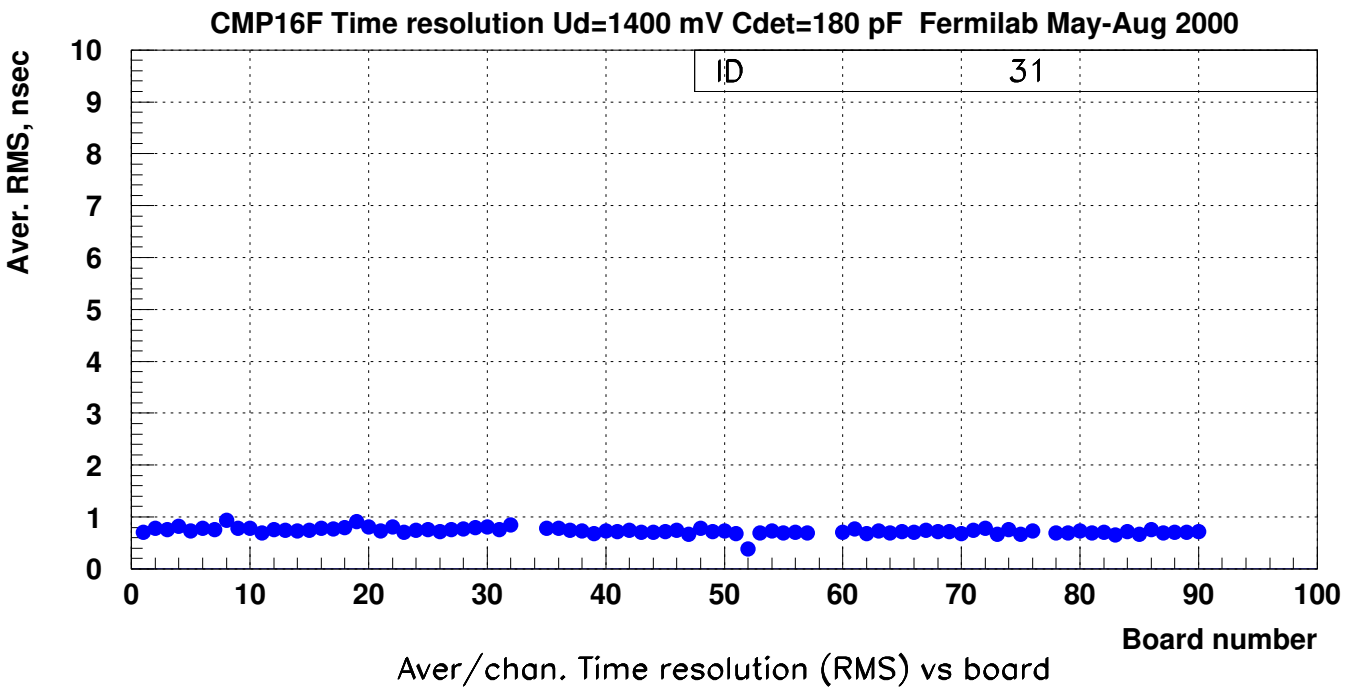
Slewing RMS at Qin = 50−180 fC



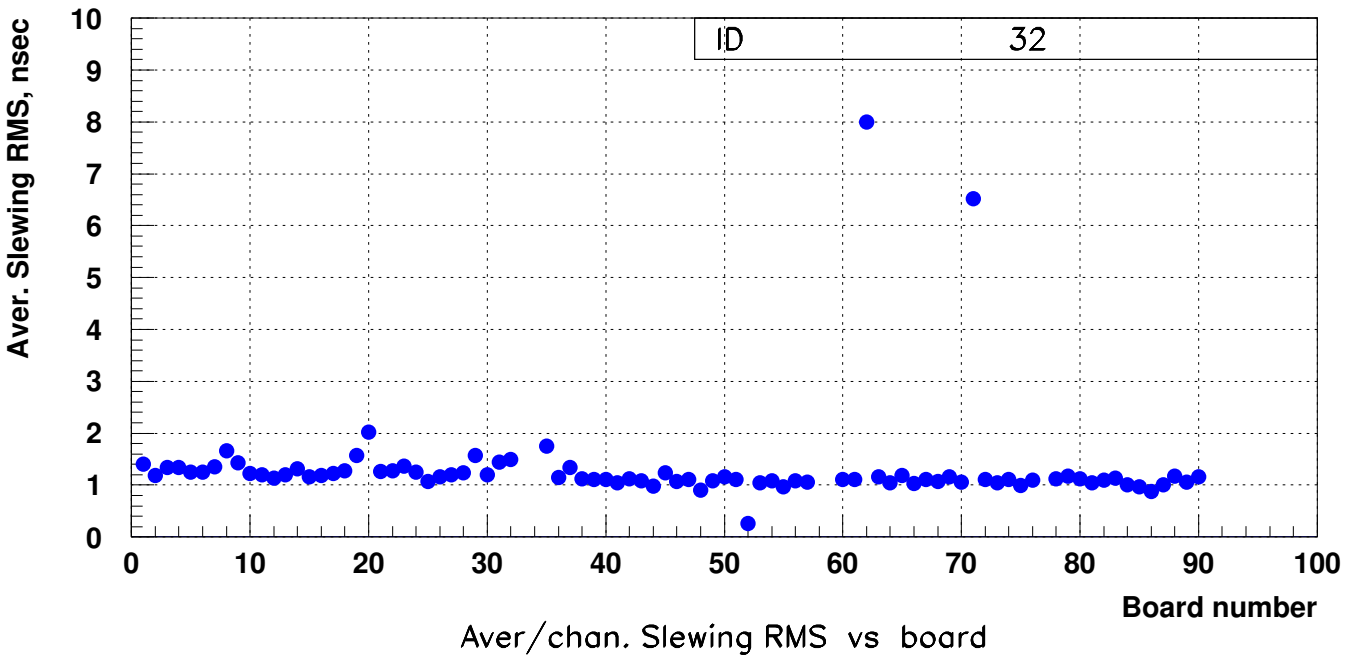
Time resolution (RMS) per channel vs board



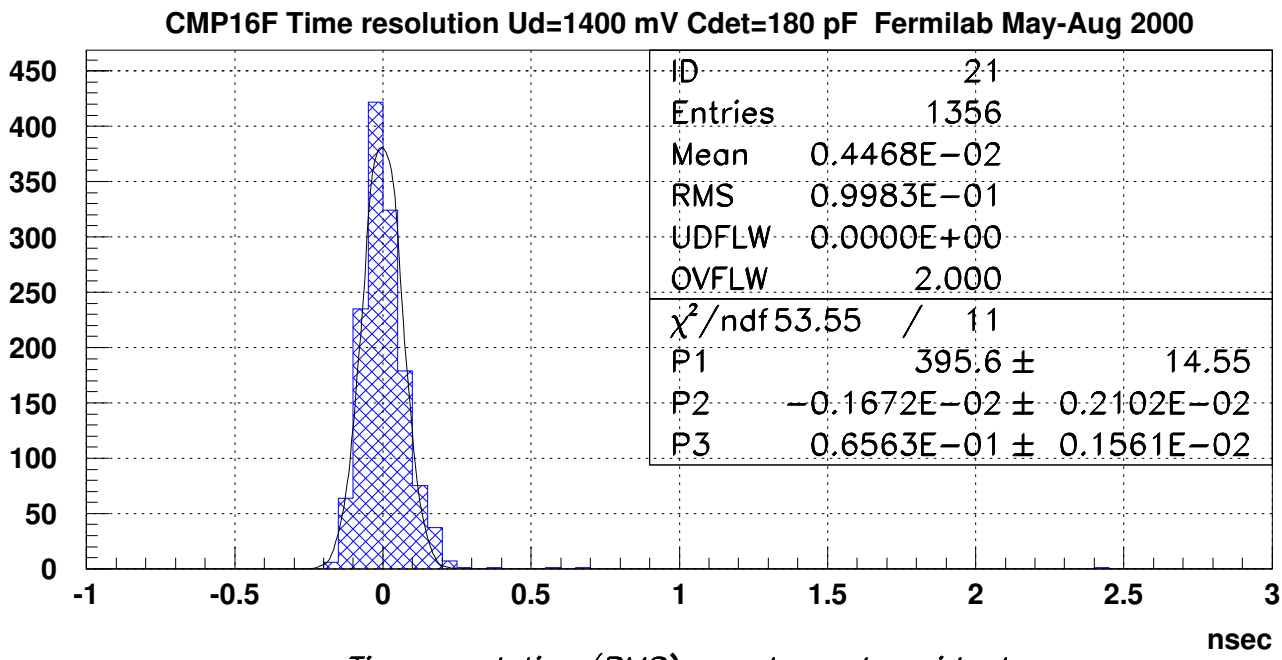
Slewing RMS per channel vs board



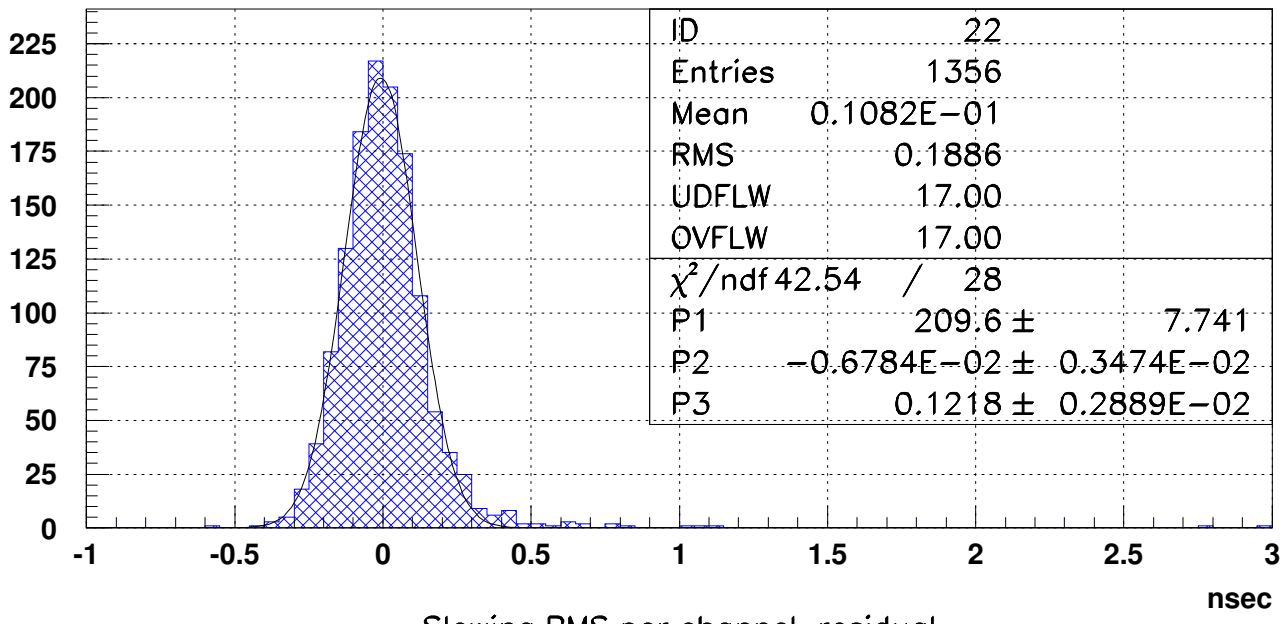
Aver/chan. Time resolution (RMS) vs board



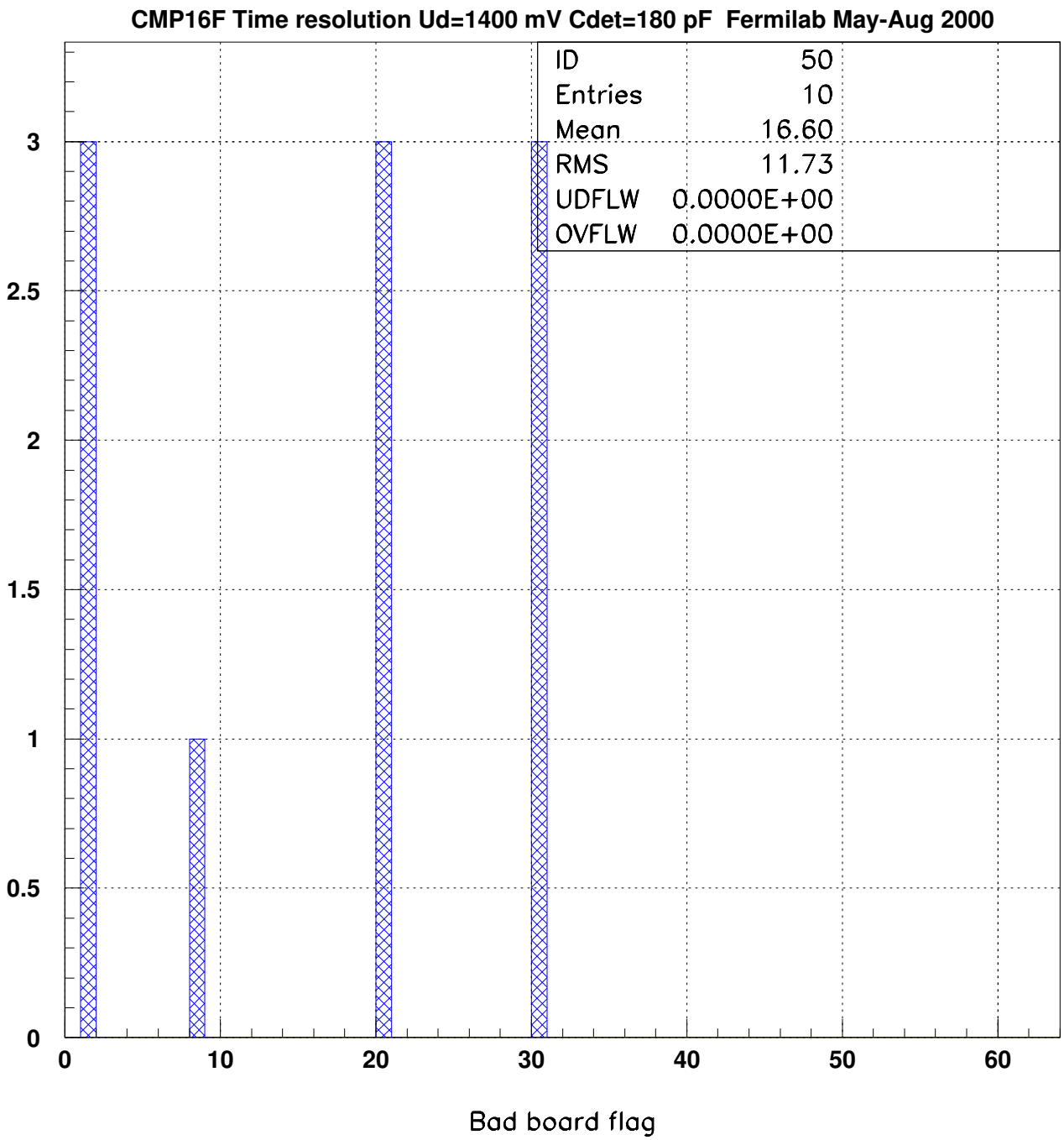
Aver/chan. Slewing RMS vs board

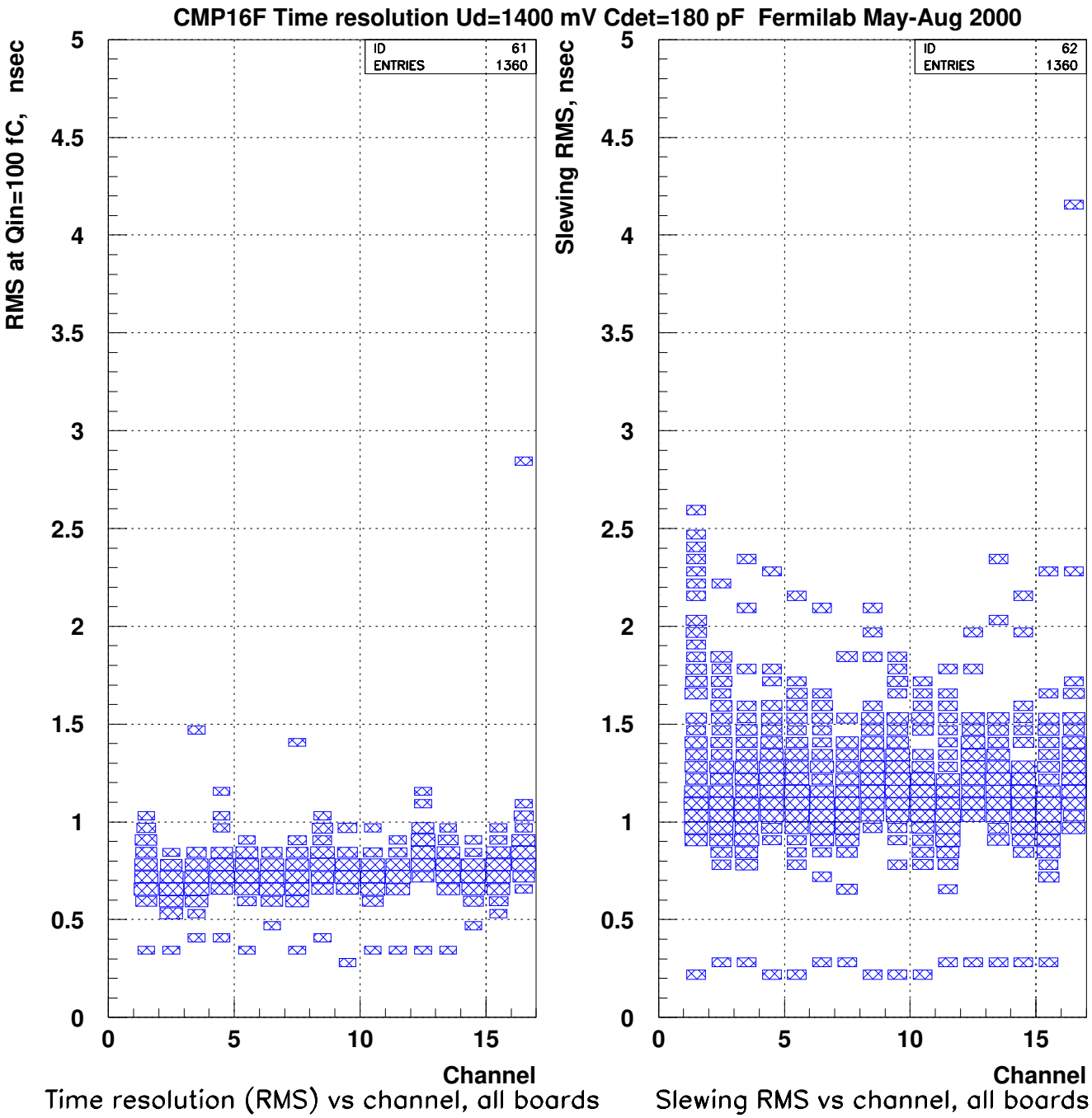


Time resolution (RMS) per channel, residual



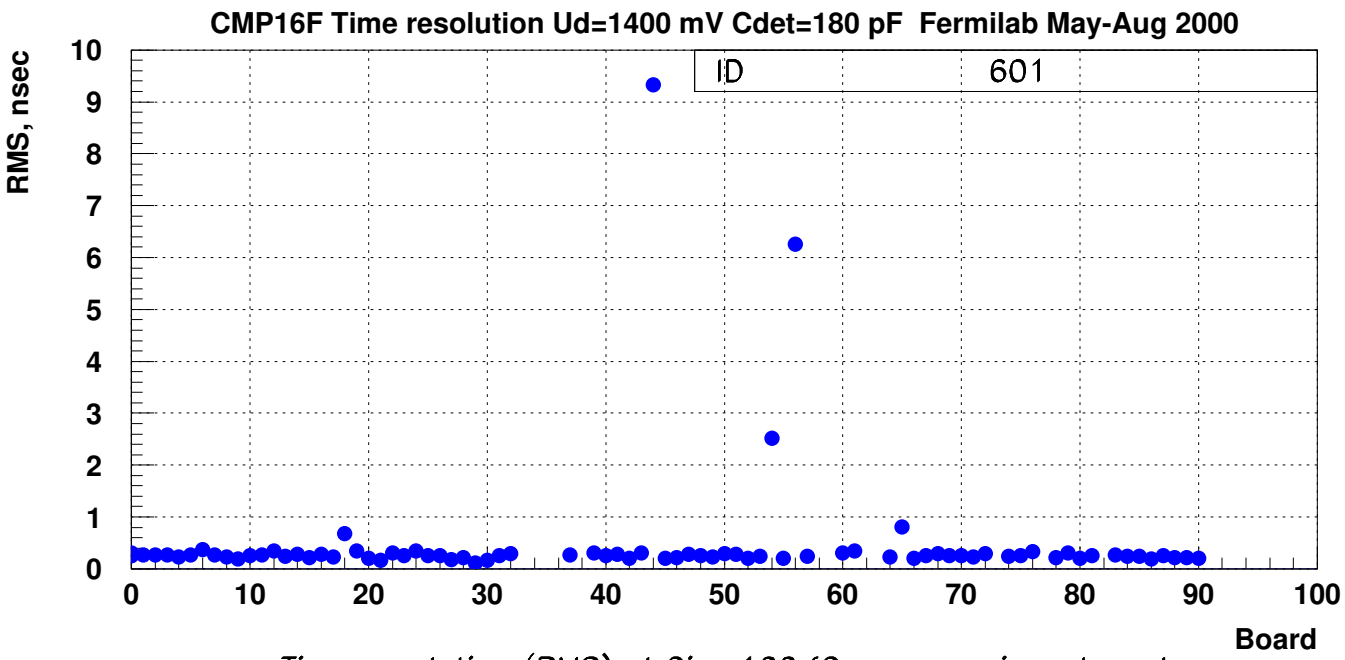
Slewing RMS per channel, residual


CMP16F Time resolution Ud=1400 mV Cdet=180 pF Fermilab May-Aug 2000
ID 50
Entries 10
Mean 16.60
RMS 11.73
UDFLW 0.0000E+00
OVFLW 0.0000E+00
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
Bad board flag

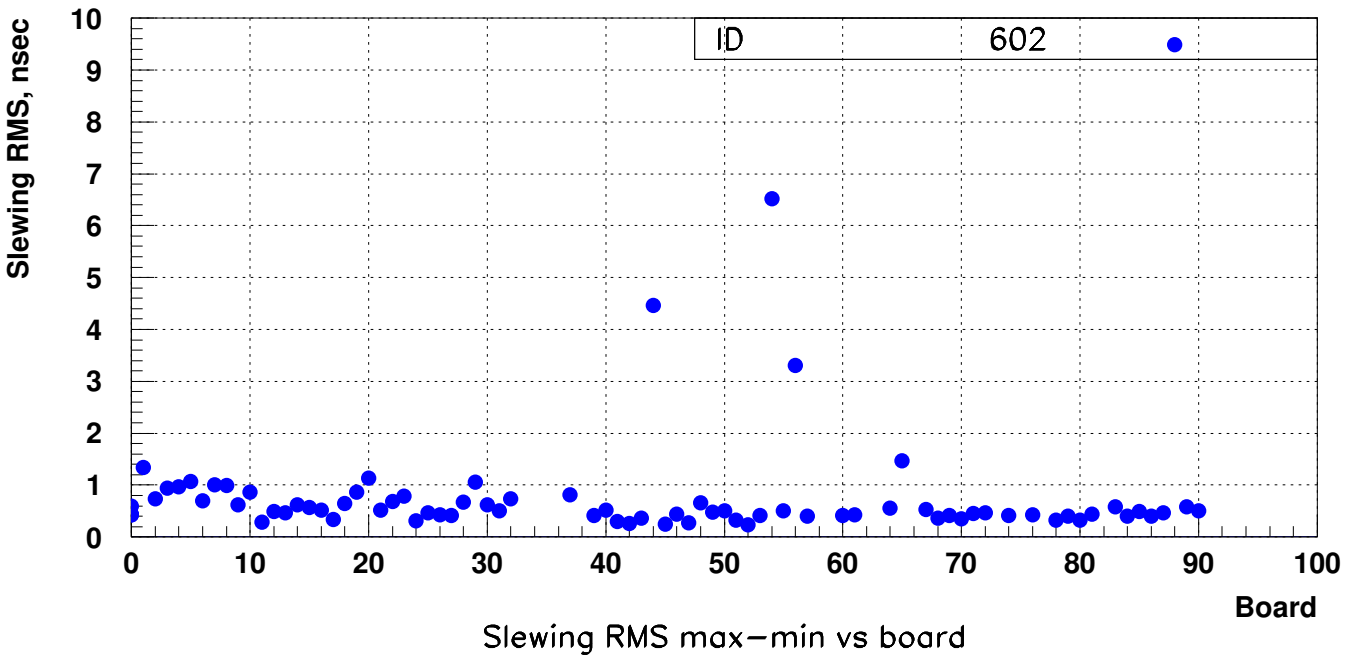


Time resolution (RMS) vs channel, all boards

Slewing RMS vs channel, all boards



Time resolution (RMS) at Qin=100 fC, max − min vs board



Slewing RMS max−min vs board