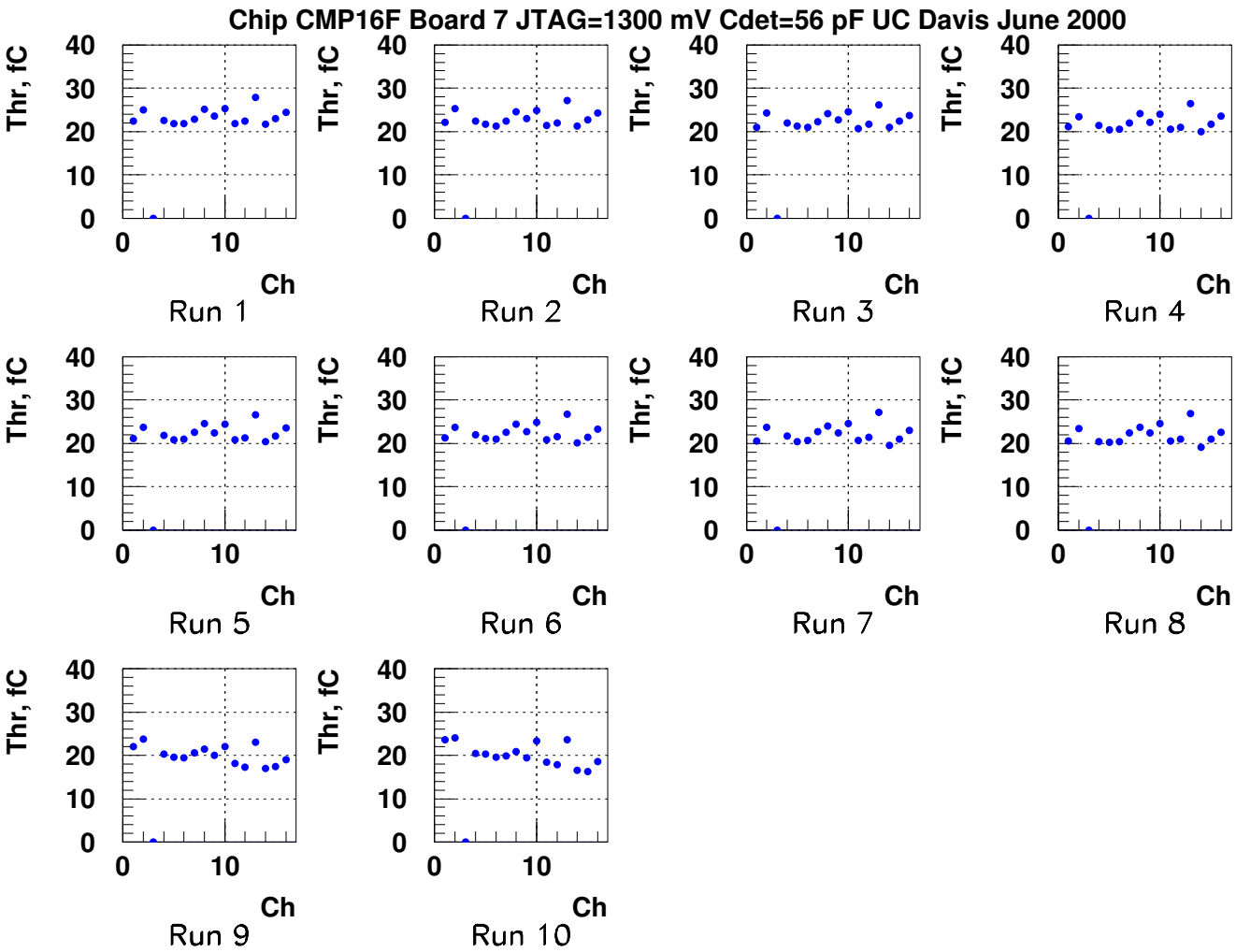
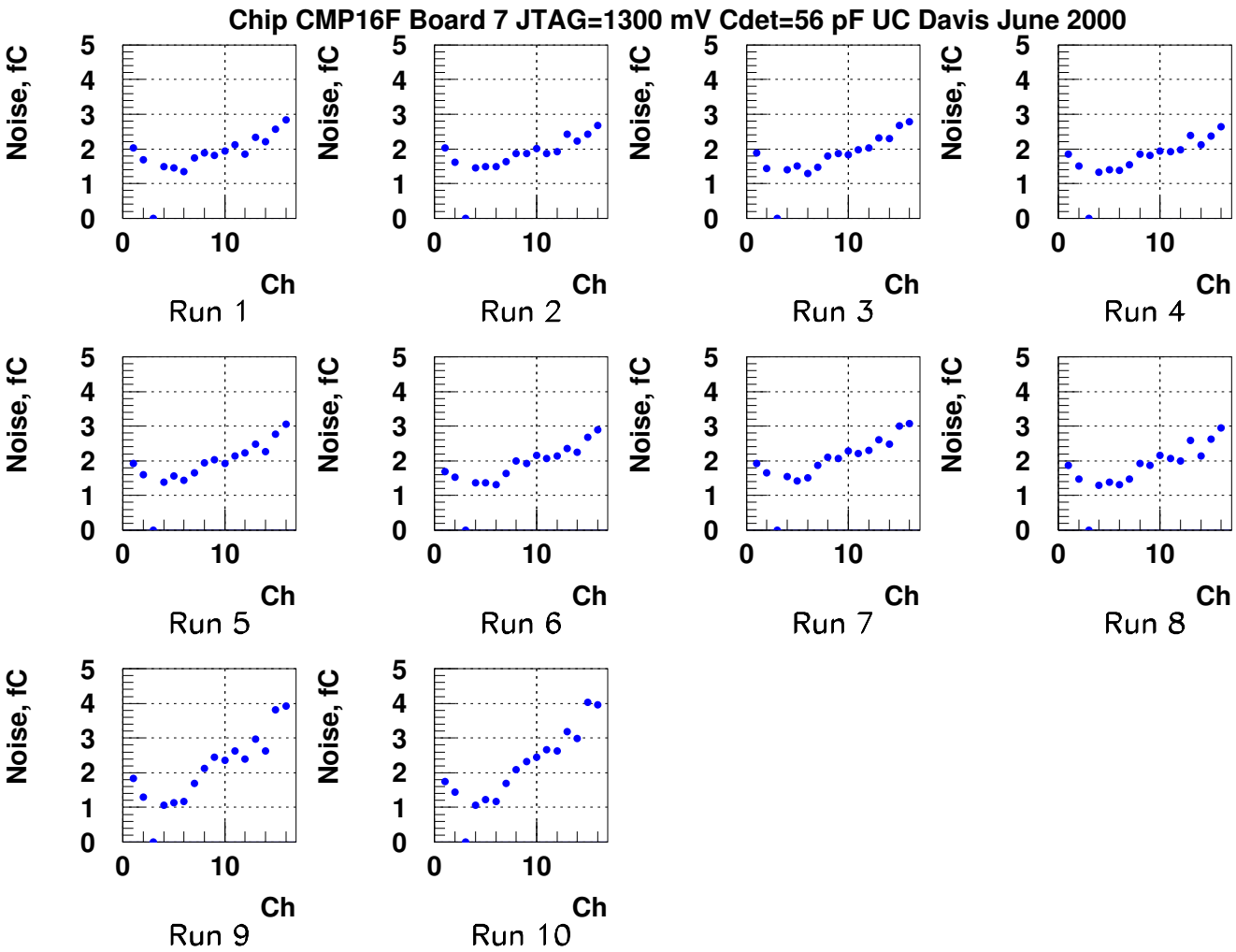
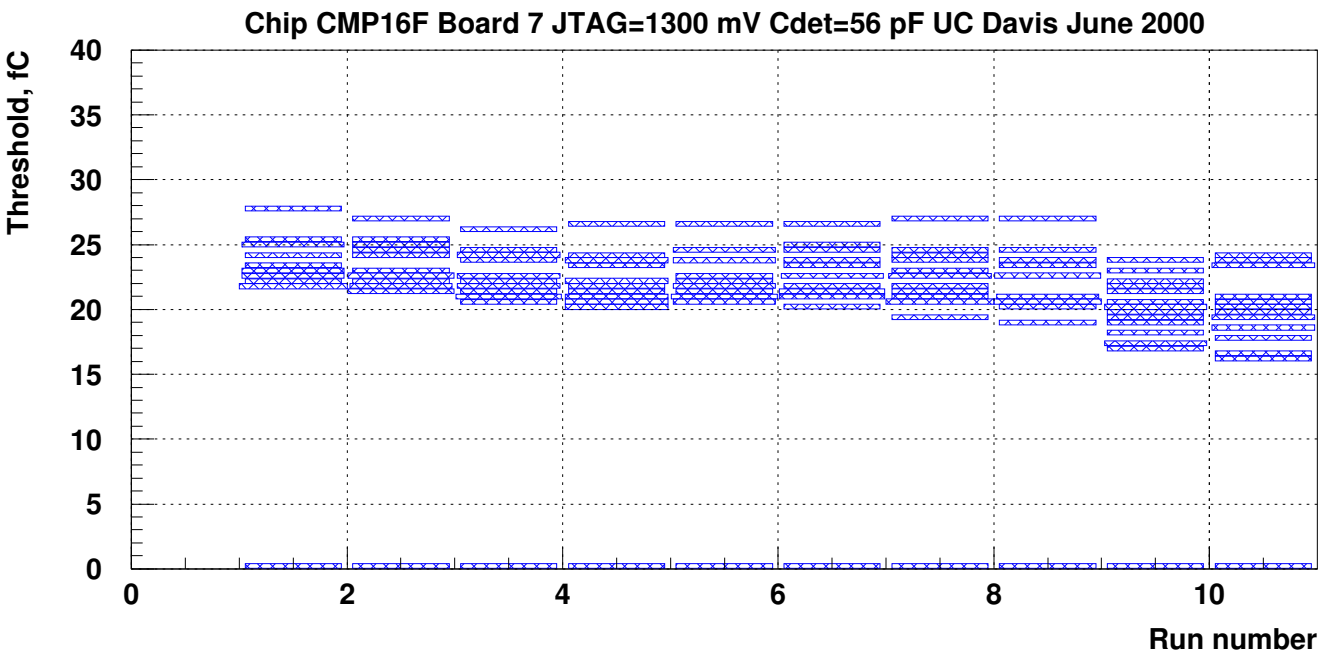
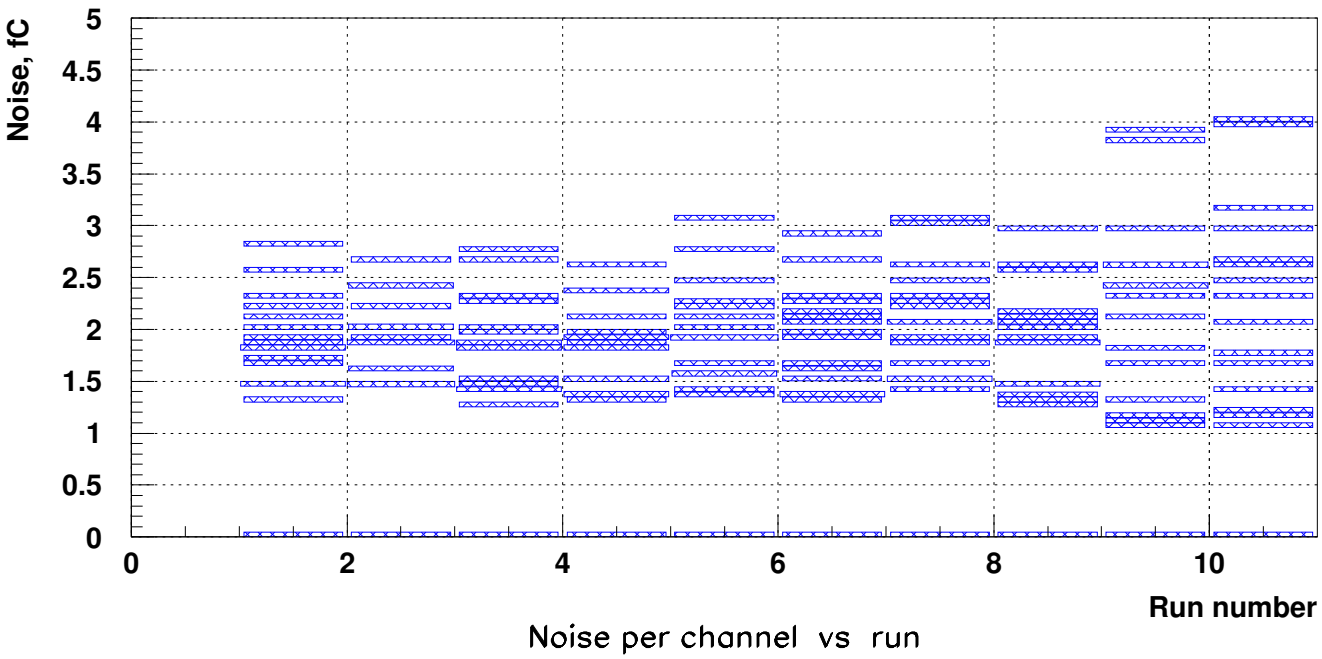

Chip CMP16F Board 7 JTAG=1300 mV Cdet=56 pF UC Davis June 2000
Thr, fC
Ch
Run 1
Run 2
Run 3
Run 4
Run 5
Run 6
Run 7
Run 8
Run 9
Run 10

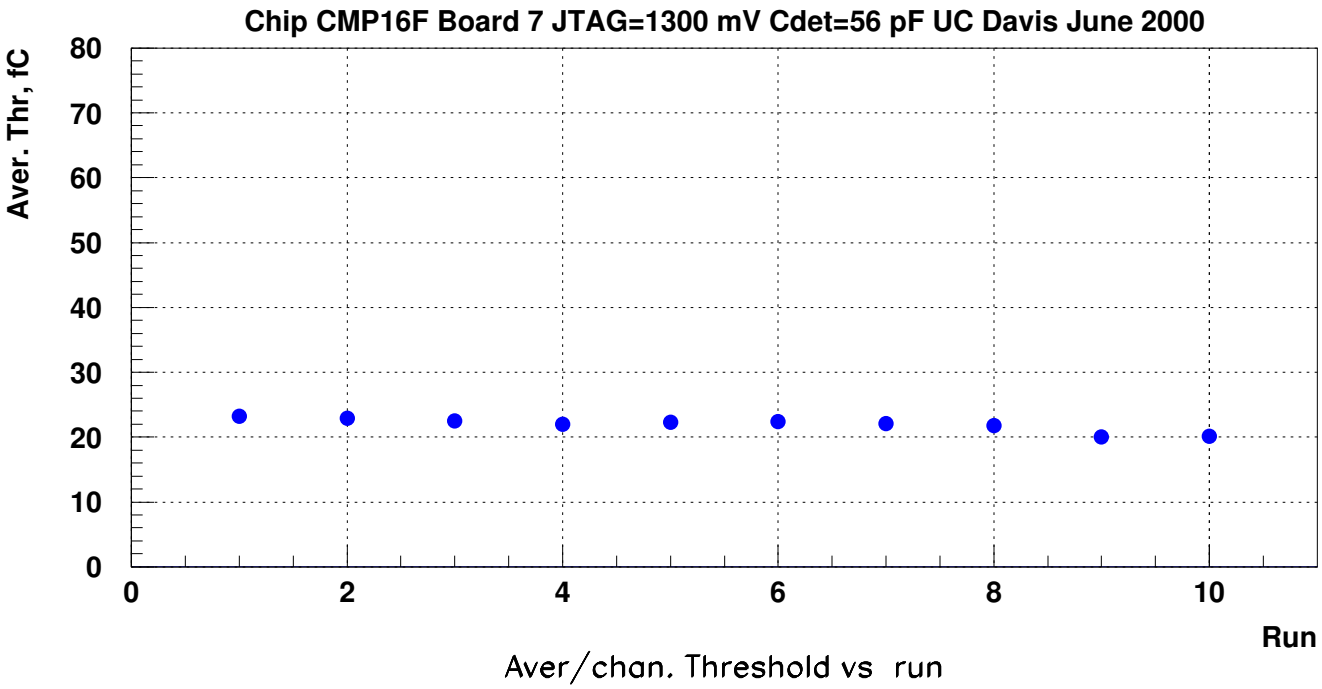

Chip CMP16F Board 7 JTAG=1300 mV Cdet=56 pF UC Davis June 2000
Noise, fC
Ch
Run 1
Run 2
Run 3
Run 4
Run 5
Run 6
Run 7
Run 8
Run 9
Run 10



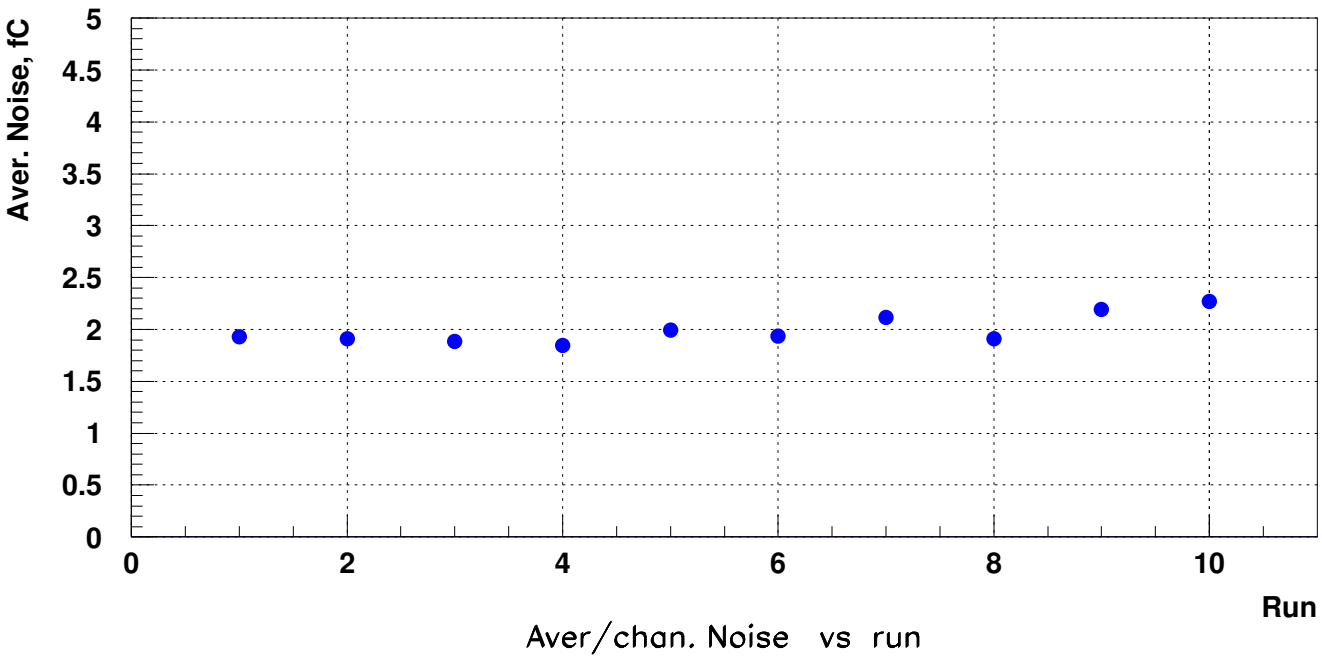
Threshold per channel vs run



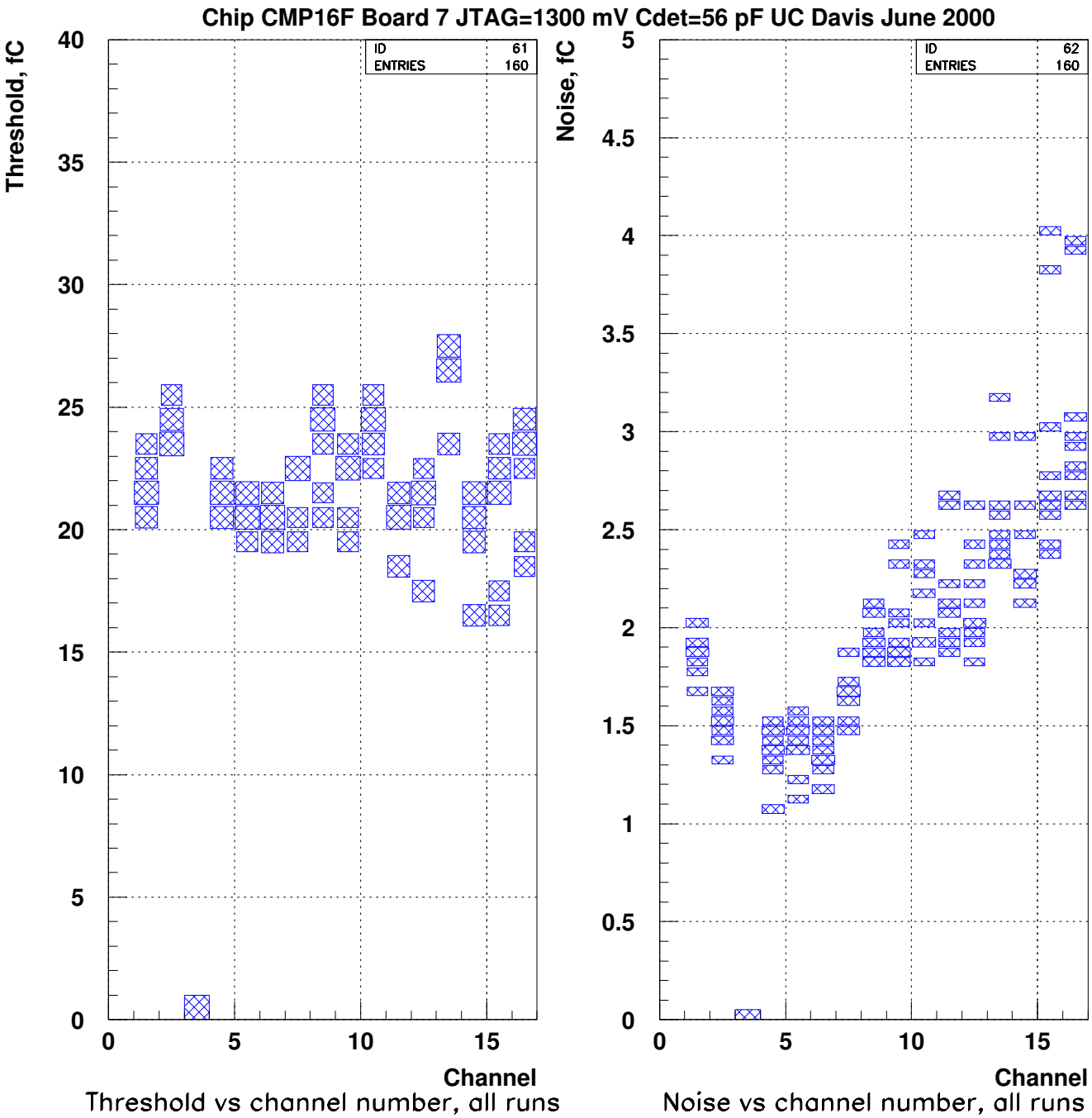
Noise per channel vs run



Aver/chan. Threshold vs run

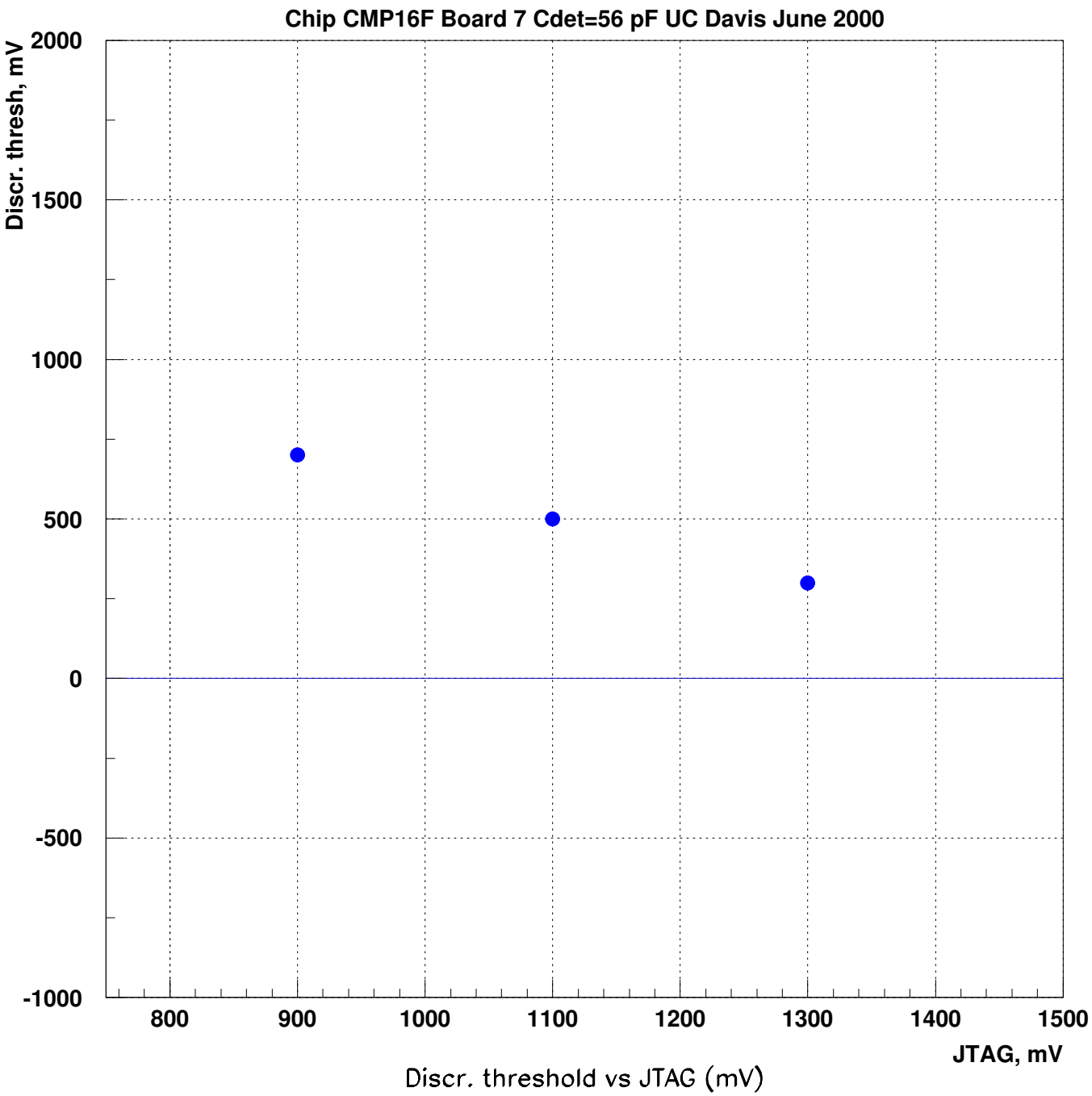


Aver/chan. Noise vs run

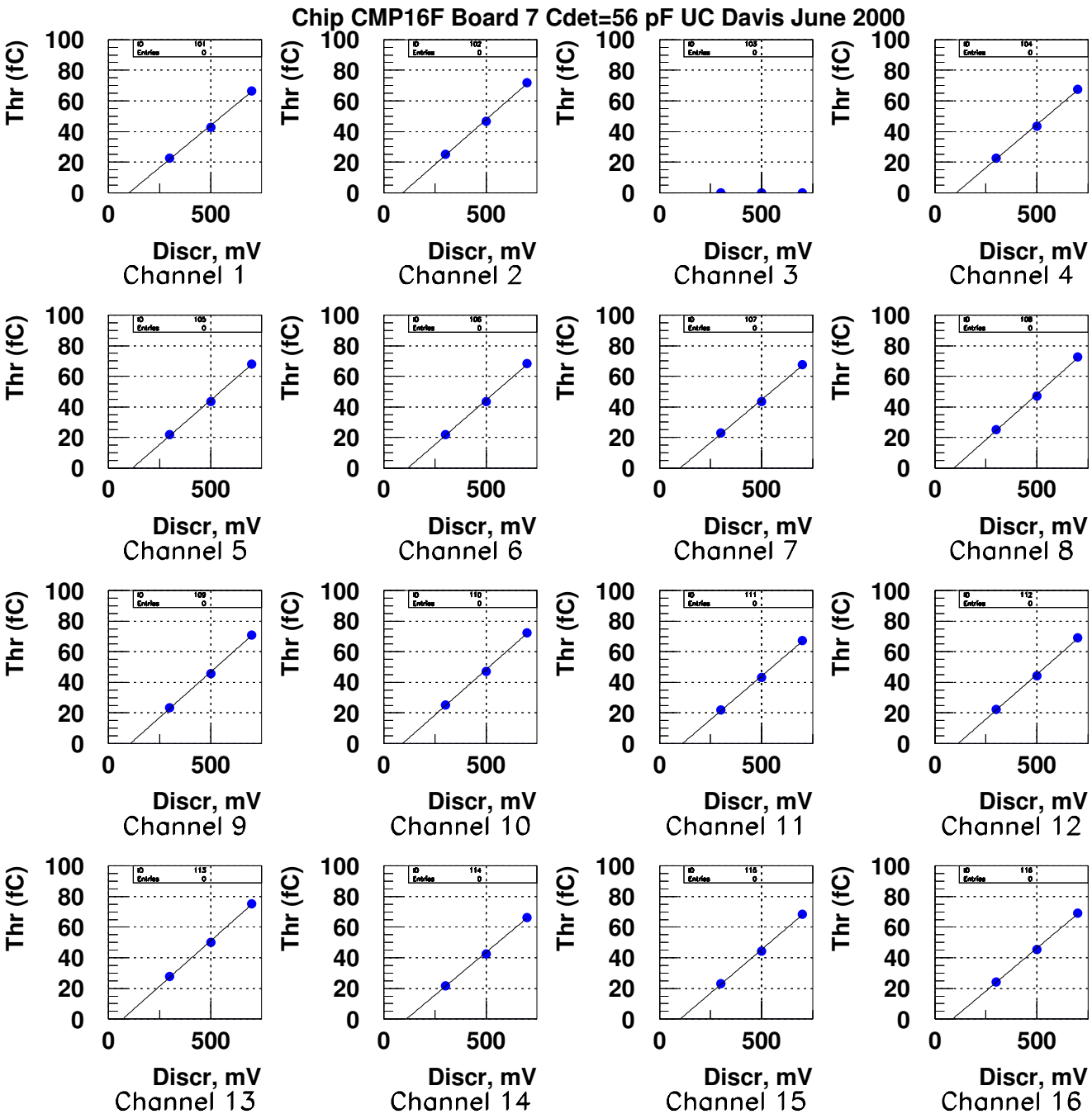


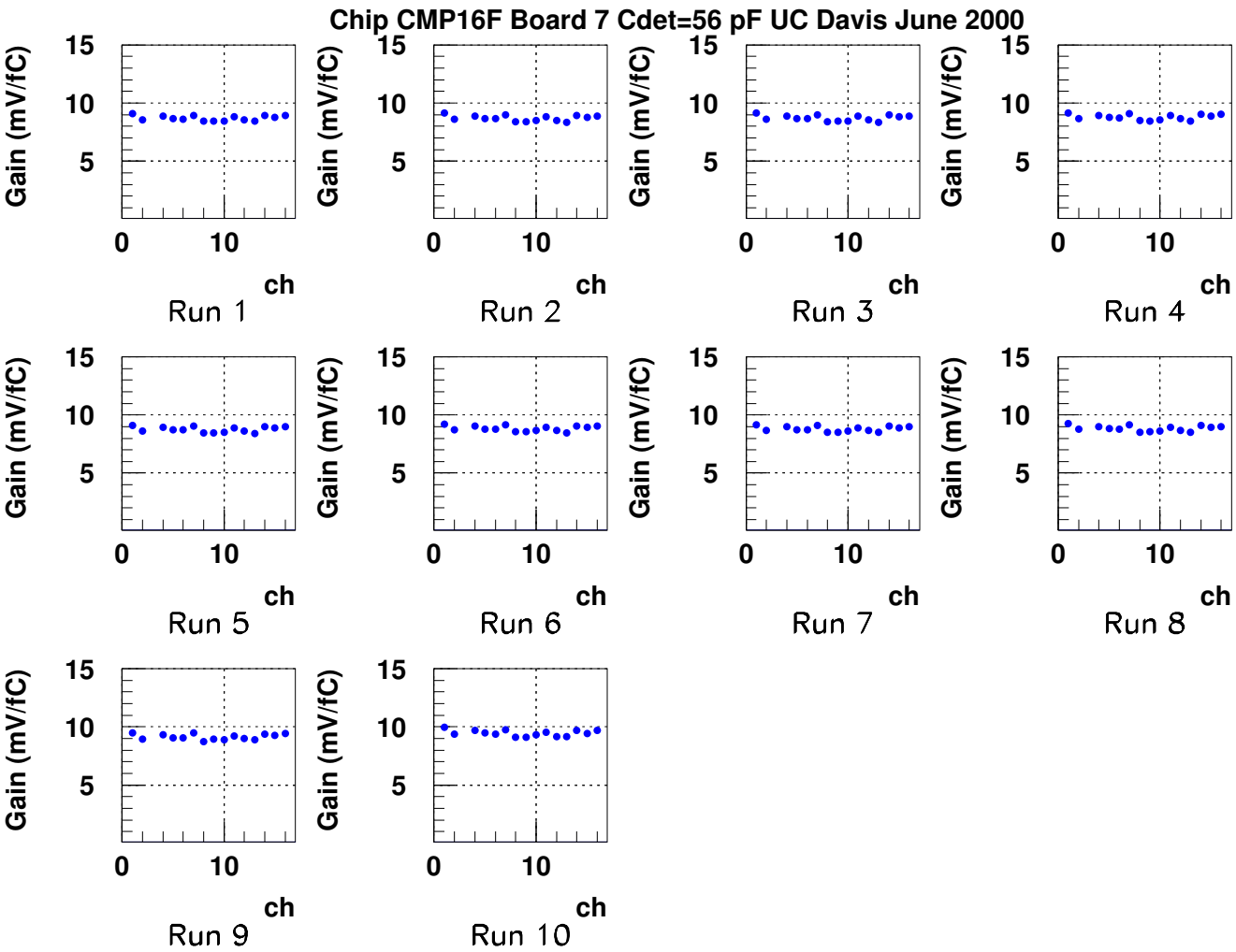
Threshold vs channel number, all runs

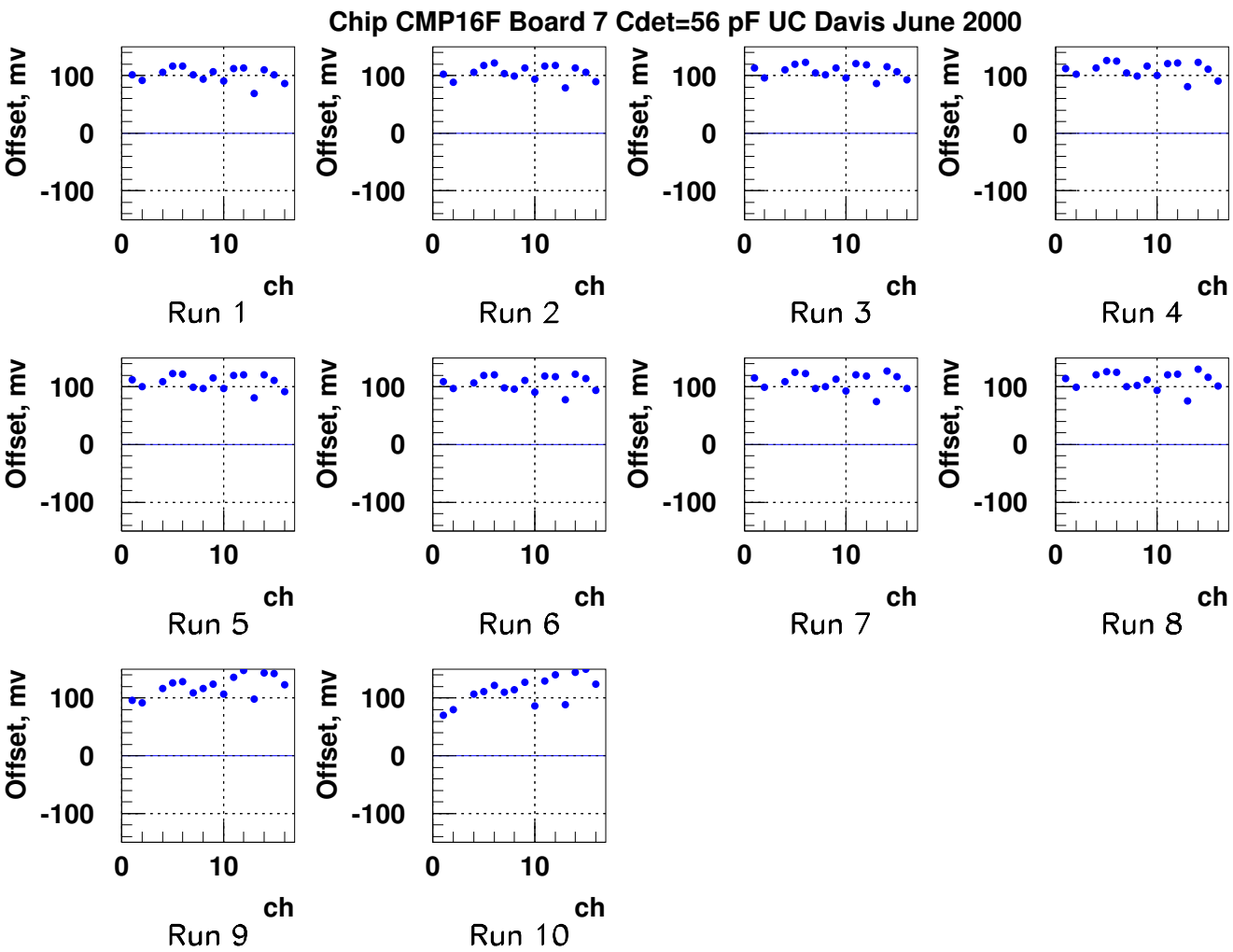
Noise vs channel number, all runs

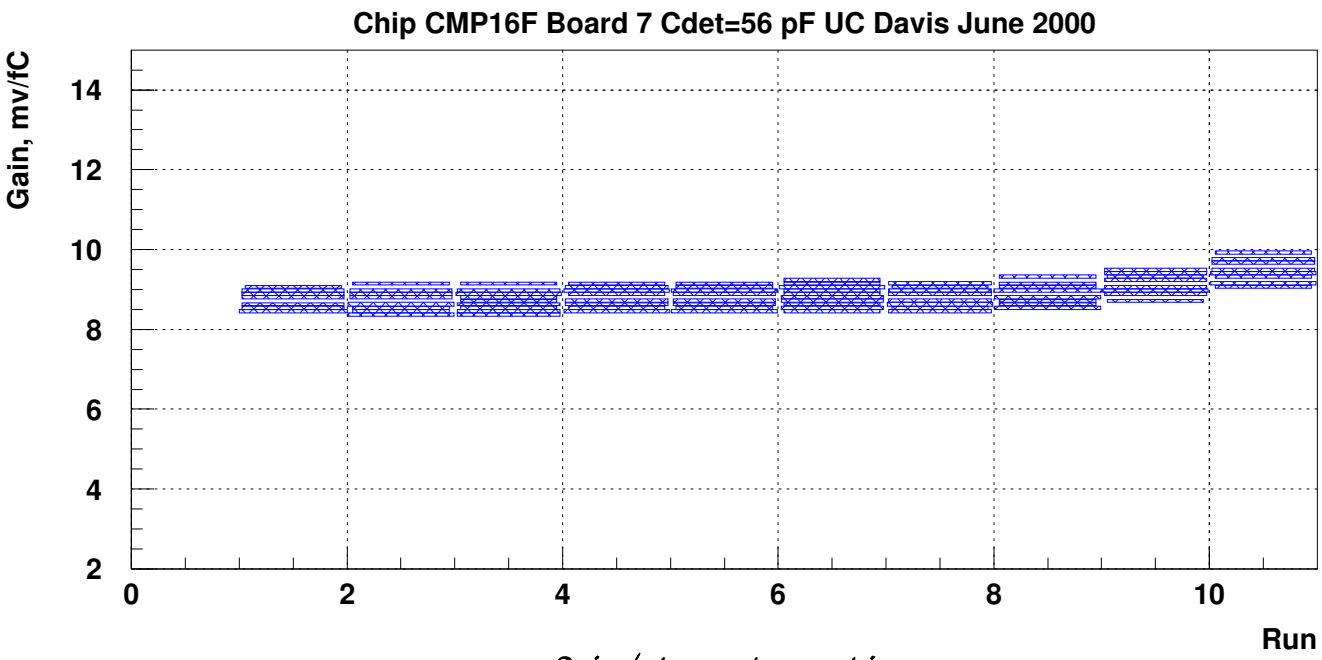


Discr. threshold vs JTAG (mV)

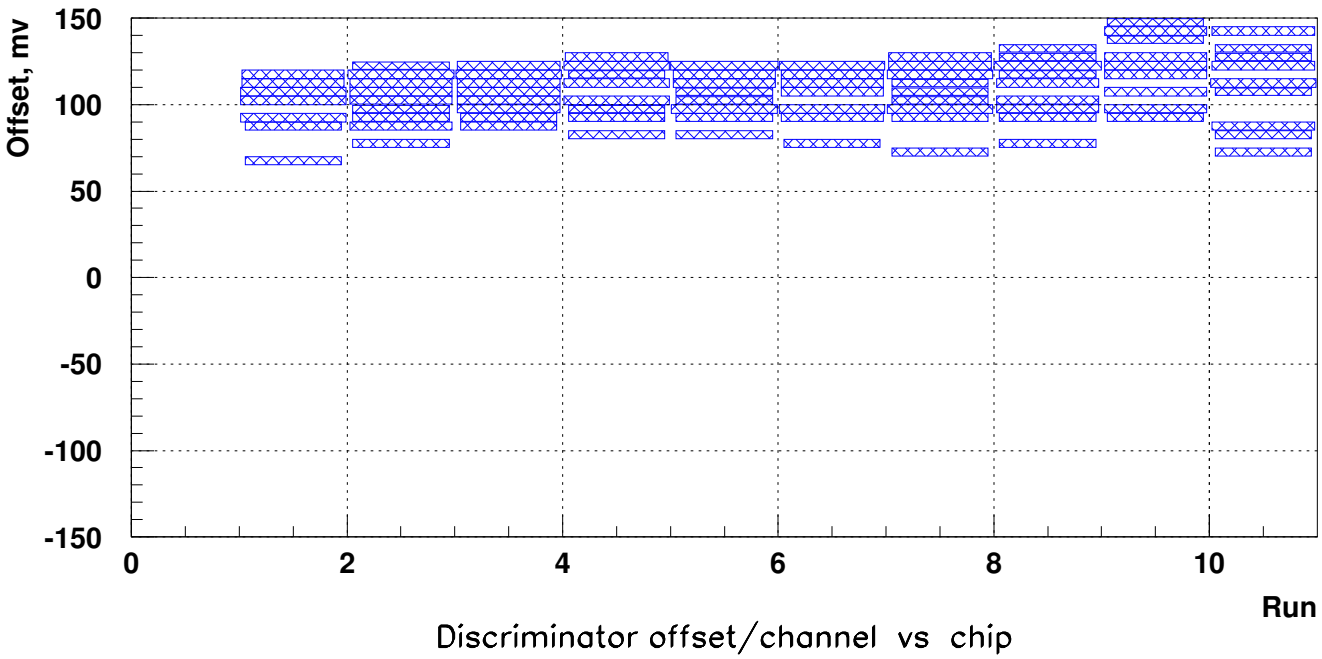

Chip CMP16F Board 7 Cdet=56 pF UC Davis June 2000
Thr (fC)
Discr, mV
Channel 1
Channel 2
Channel 3
Channel 4
Channel 5
Channel 6
Channel 7
Channel 8
Channel 9
Channel 10
Channel 11
Channel 12
Channel 13
Channel 14
Channel 15
Channel 16


Chip CMP16F Board 7 Cdet=56 pF UC Davis June 2000
Gain (mV/fC)
15
10
5
0
10
ch
Run 1
Run 2
Run 3
Run 4
Run 5
Run 6
Run 7
Run 8
Run 9
Run 10

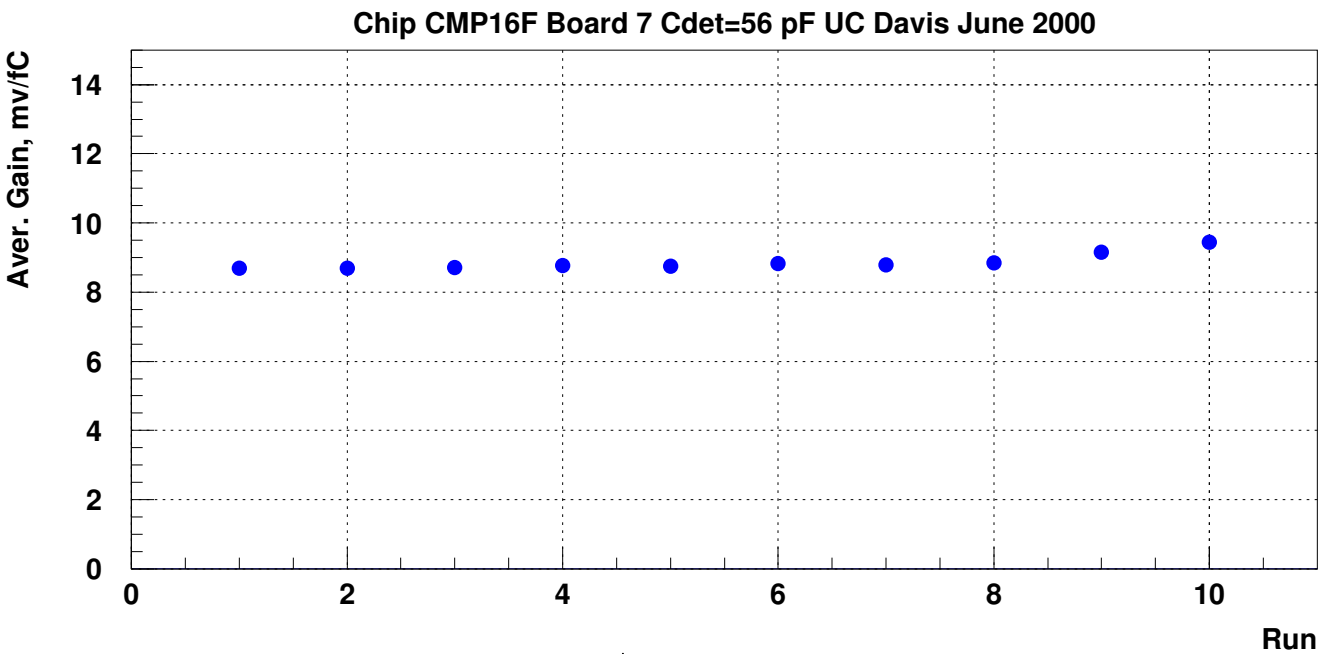

Chip CMP16F Board 7 Cdet=56 pF UC Davis June 2000
Offset, mv
100
0
-100
0
10
ch
Run 1
Run 2
Run 3
Run 4
Run 5
Run 6
Run 7
Run 8
Run 9
Run 10



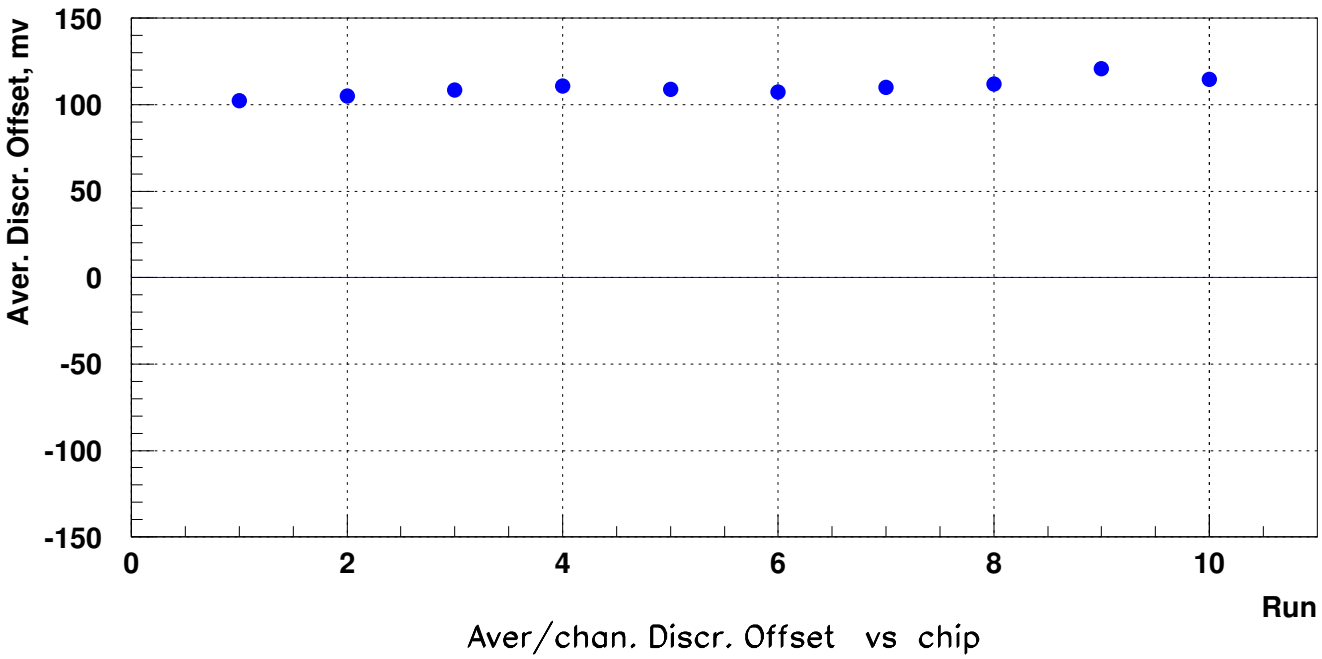
Gain/channel vs chip



Discriminator offset/channel vs chip

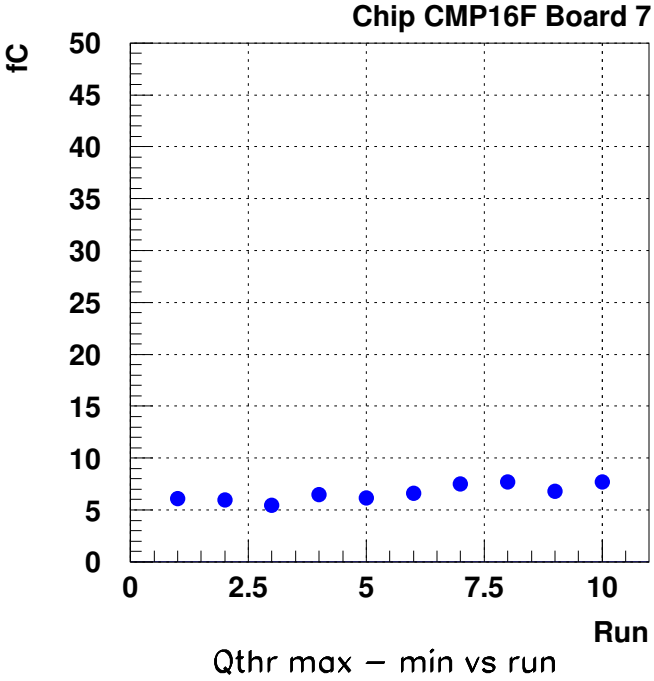


Aver/chan. Gain vs chip

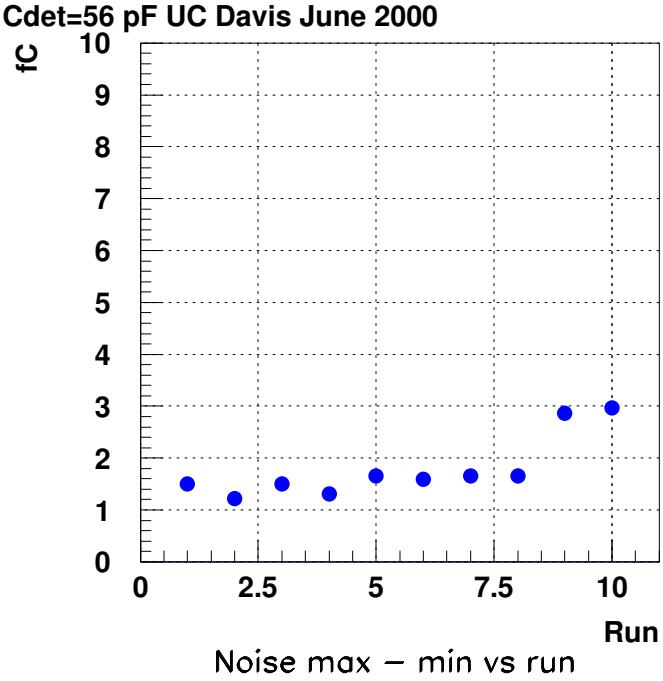


Aver/chan. Discr. Offset vs chip

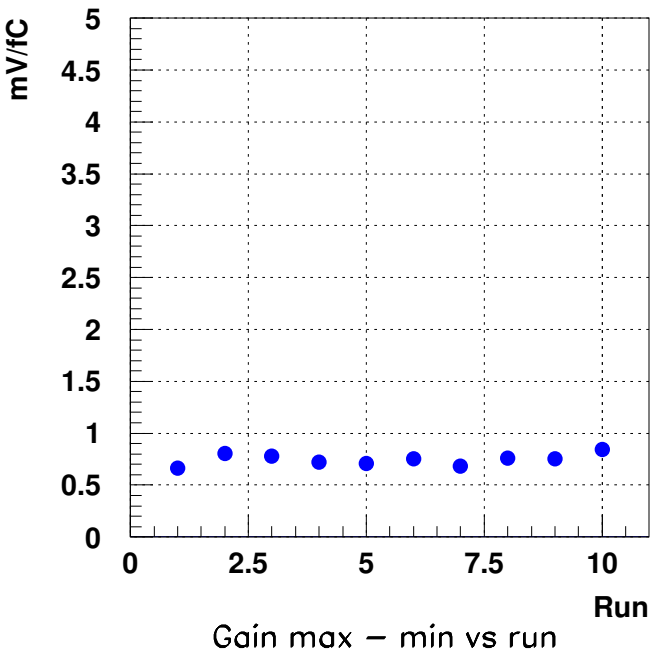
Chip CMP16F Board 7 Cdet=56 pF UC Davis June 2000



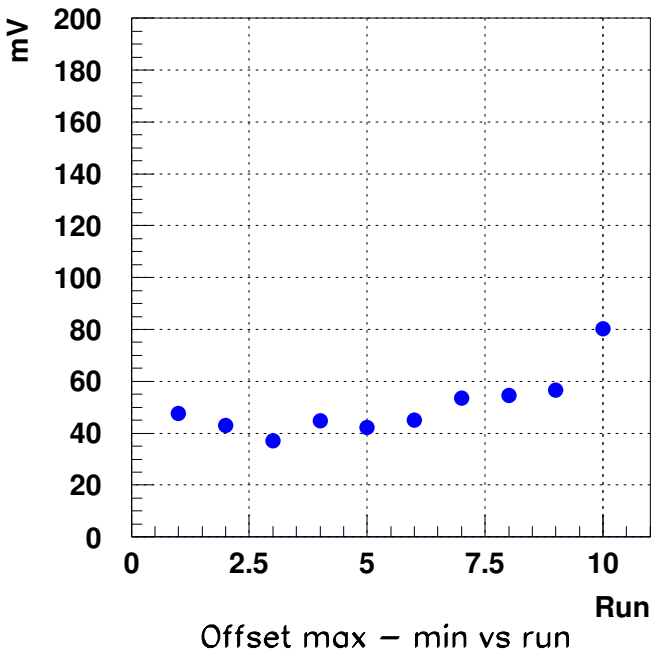
Qthr max − min vs run



Noise max − min vs run

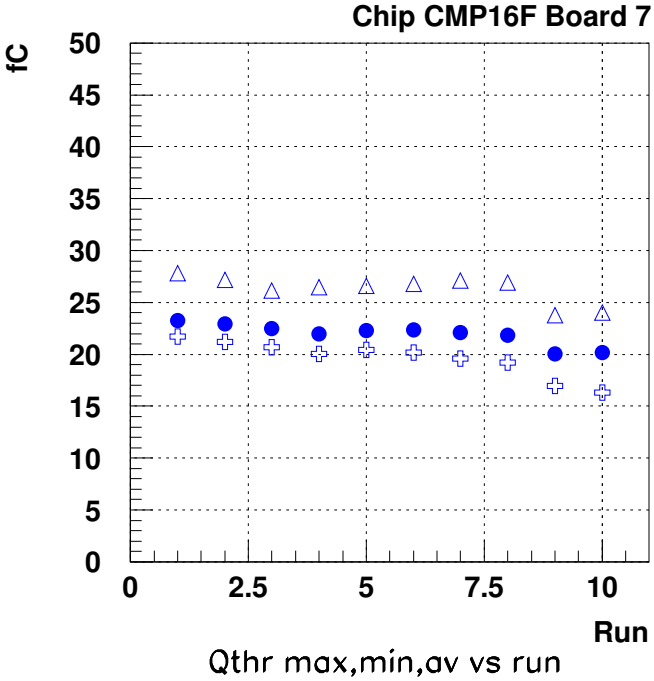


Gain max − min vs run

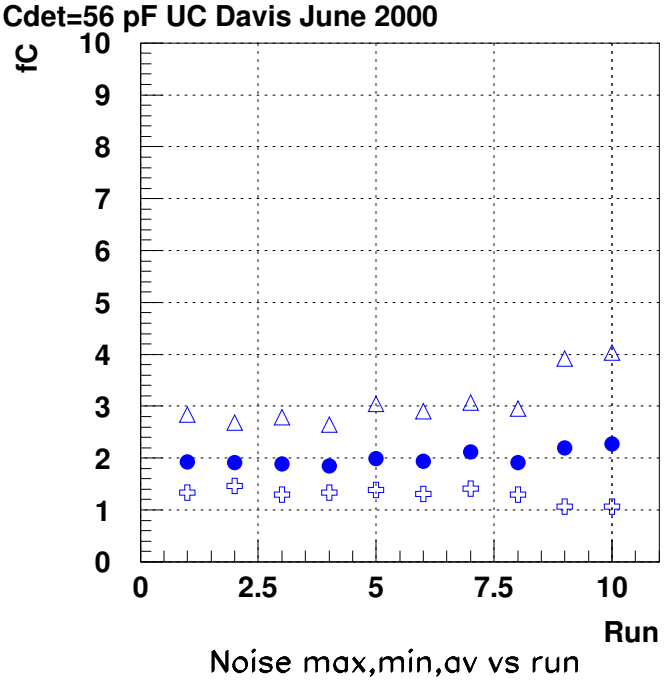


Offset max − min vs run

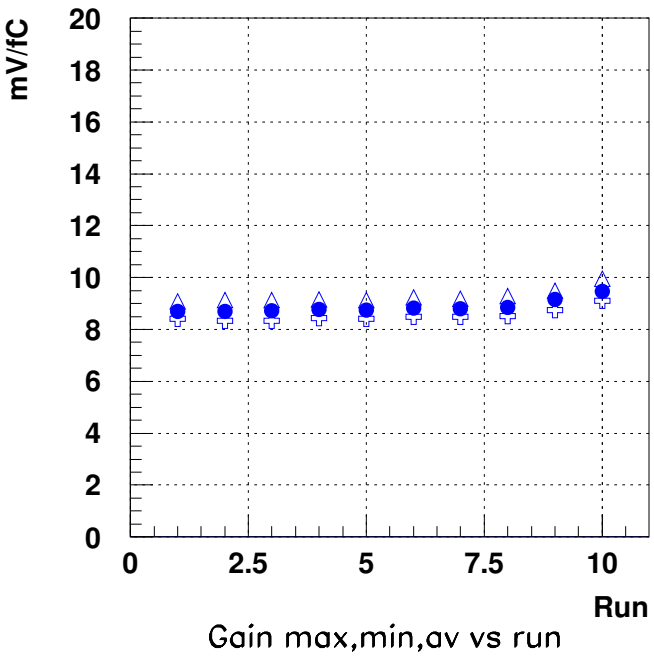
Chip CMP16F Board 7 Cdet=56 pF UC Davis June 2000



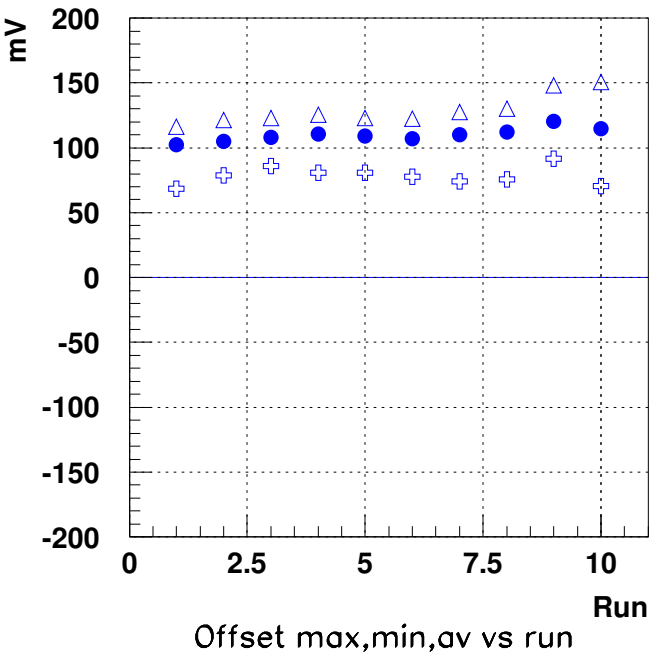
Qthr max,min,av vs run



Noise max,min,av vs run



Gain max,min,av vs run



Offset max,min,av vs run