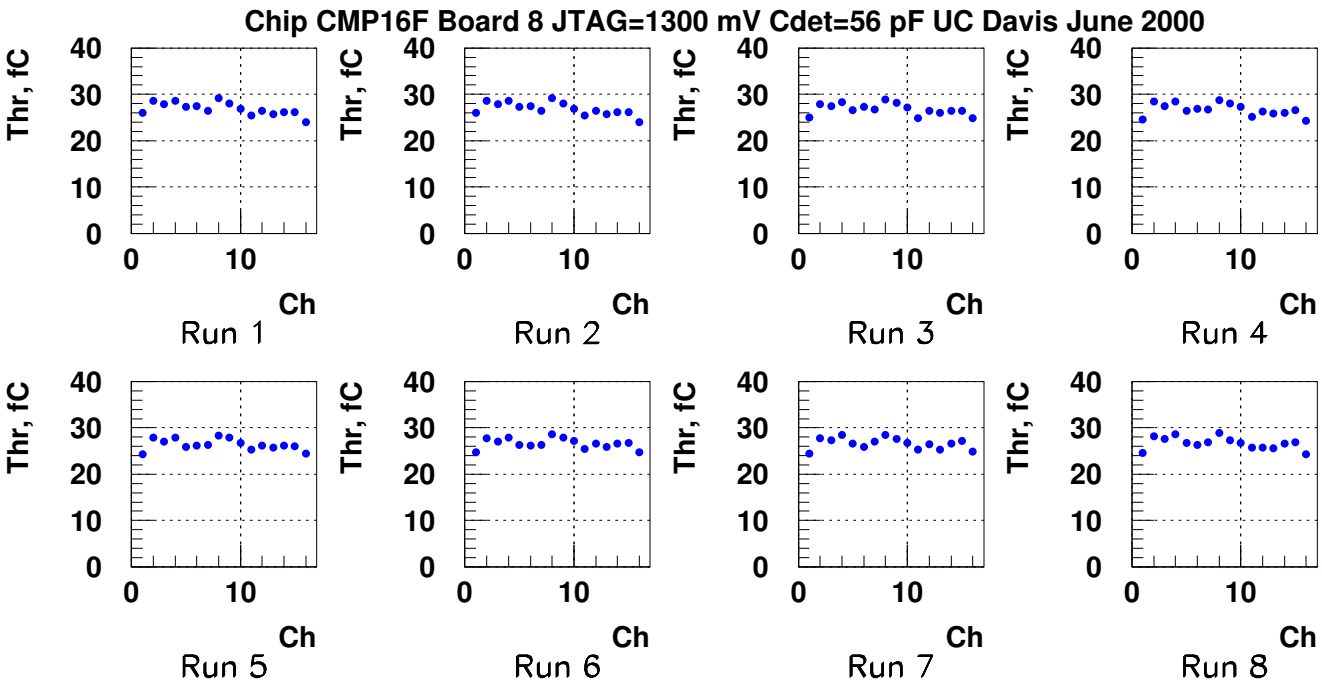
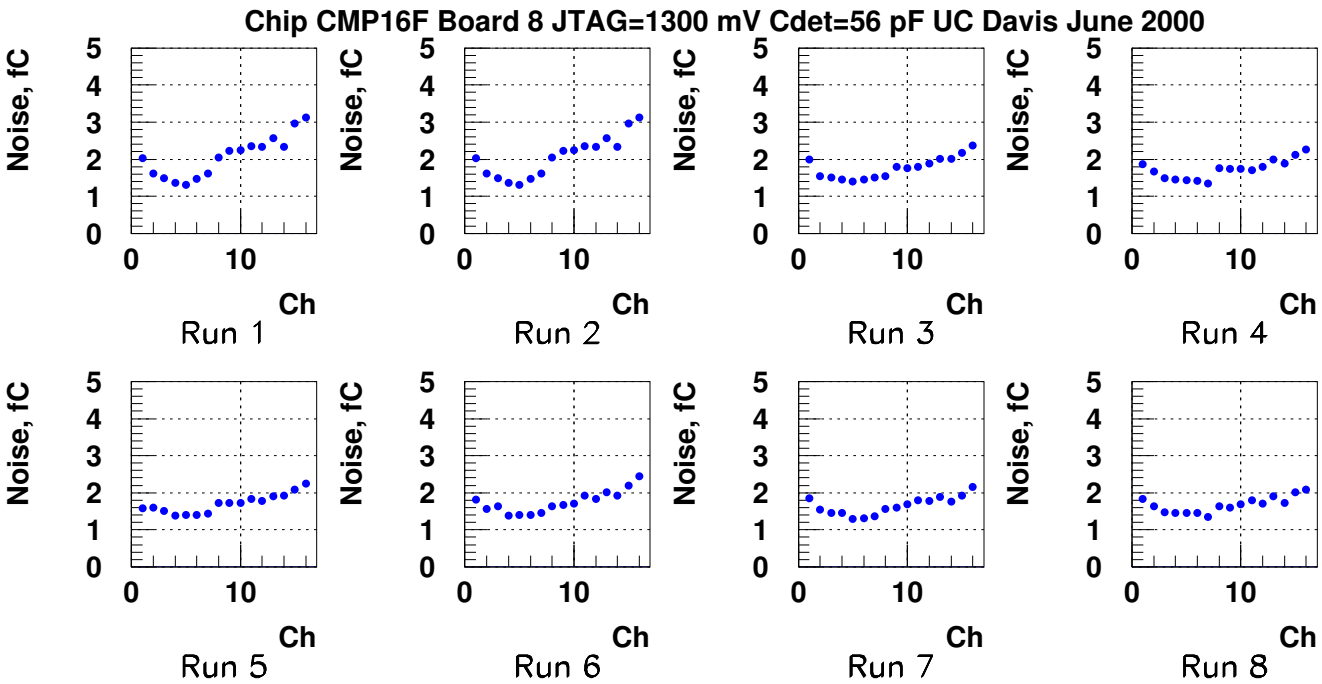
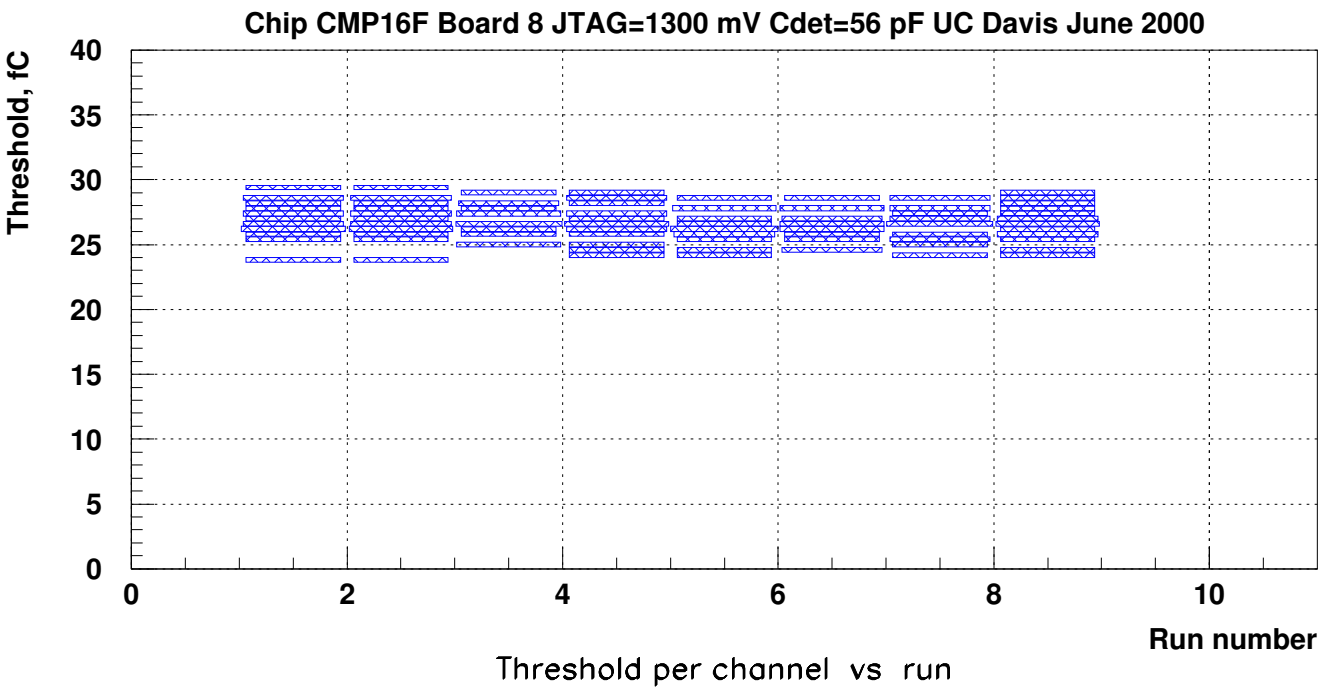
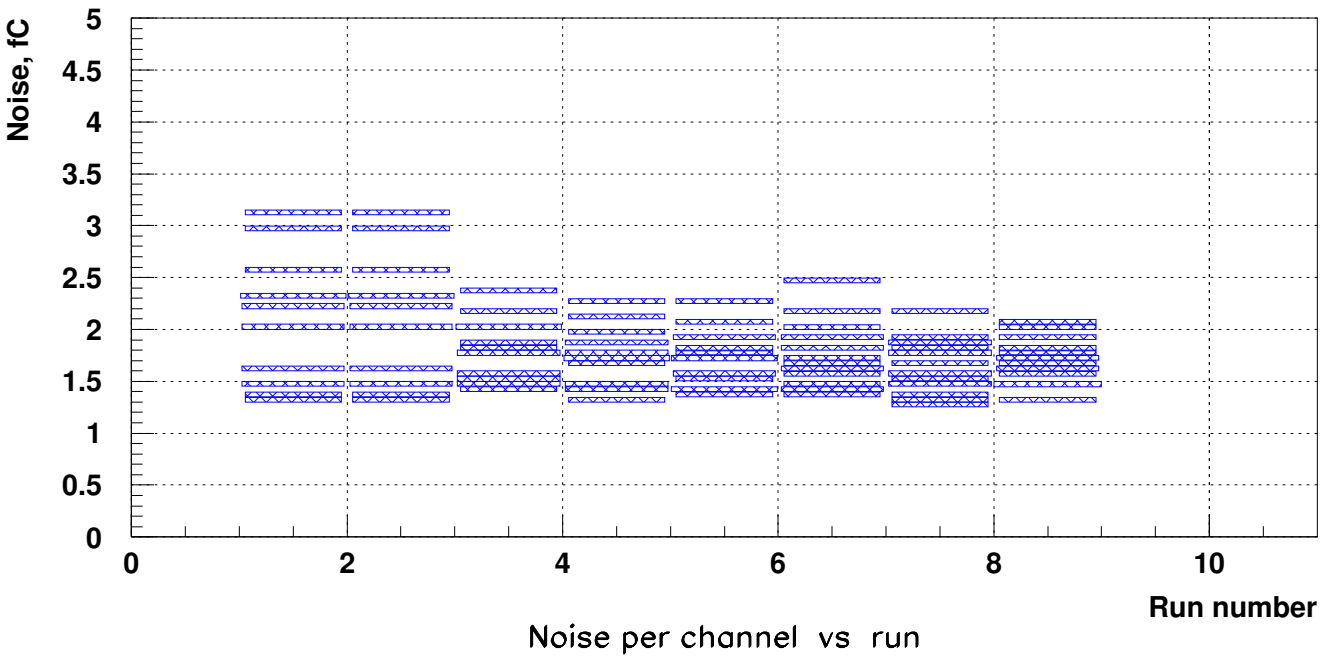

Chip CMP16F Board 8 JTAG=1300 mV Cdet=56 pF UC Davis June 2000
Thr, fC
Ch
Run 1
Run 2
Run 3
Run 4
Run 5
Run 6
Run 7
Run 8

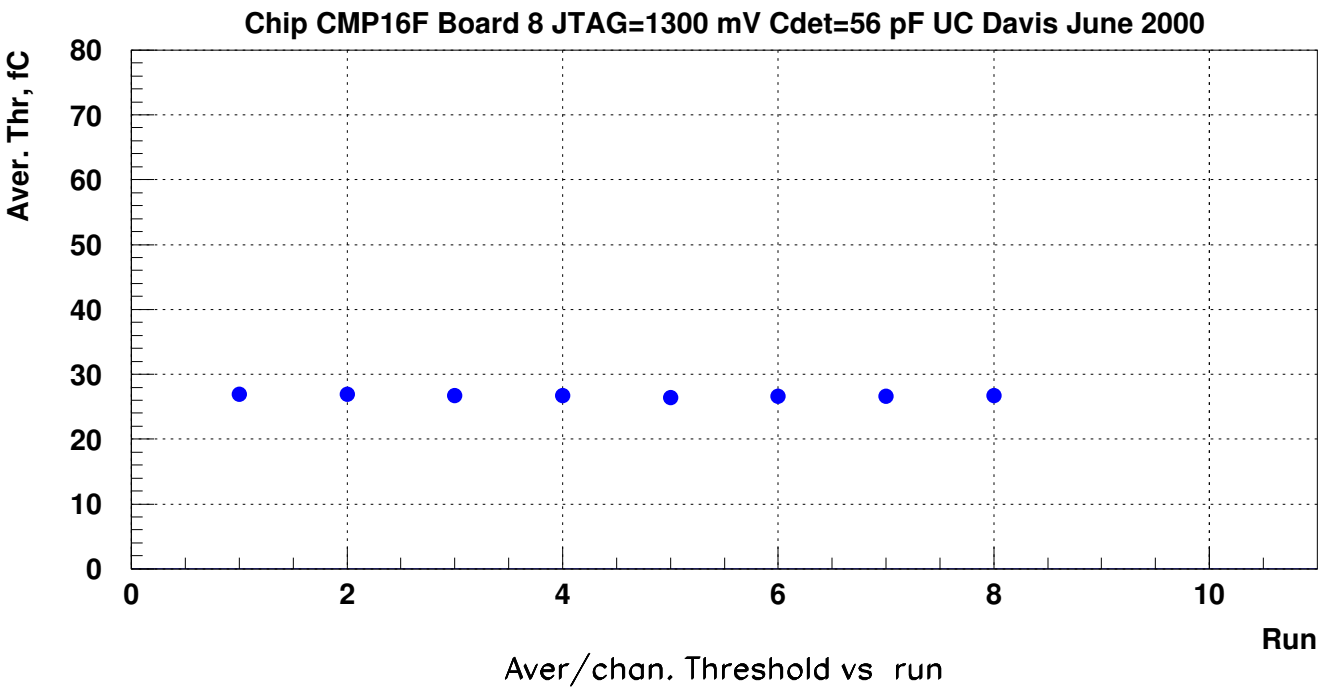

Chip CMP16F Board 8 JTAG=1300 mV Cdet=56 pF UC Davis June 2000
Noise, fC
Ch
Run 1
Run 2
Run 3
Run 4
Run 5
Run 6
Run 7
Run 8



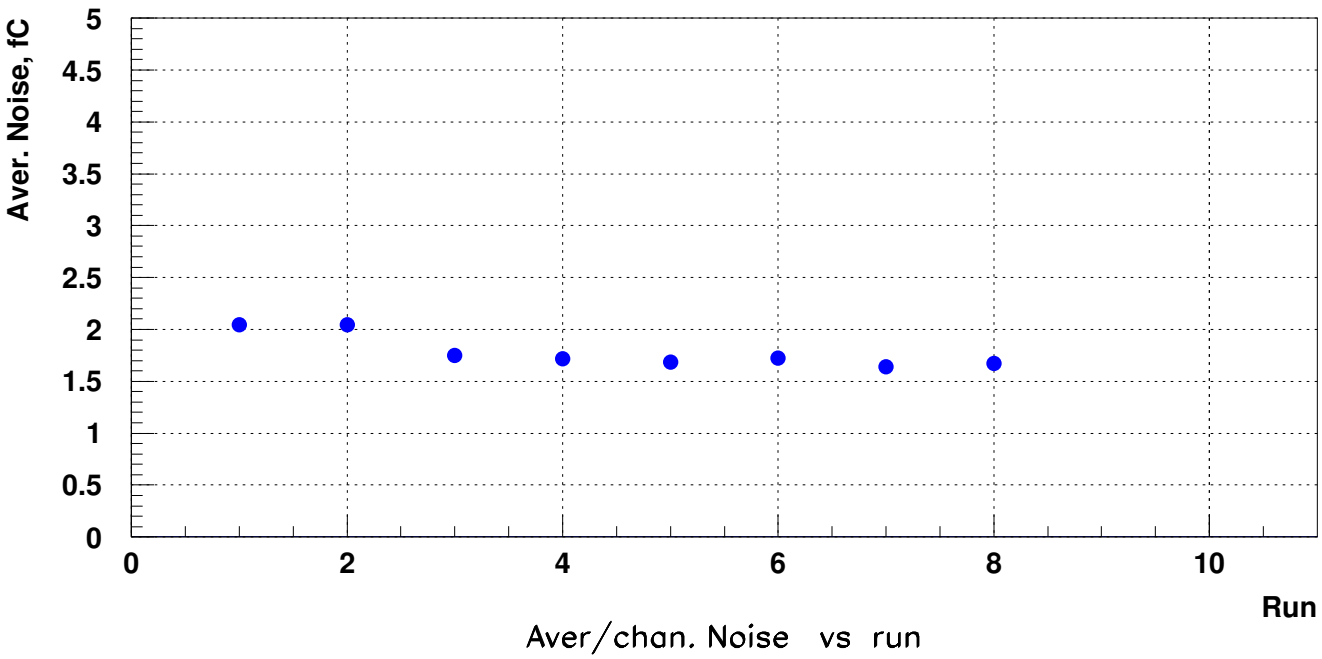
Threshold per channel vs run



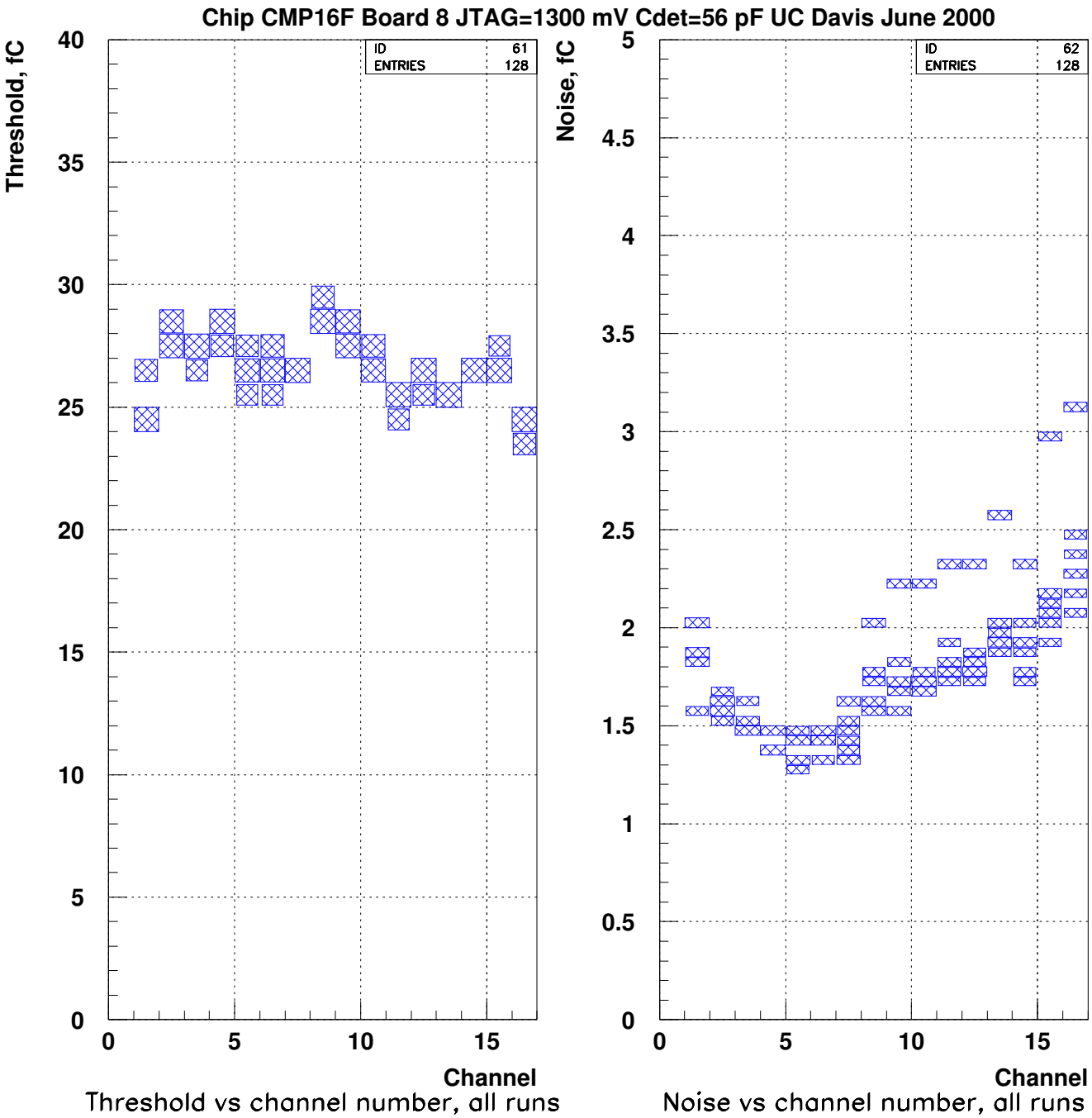
Noise per channel vs run

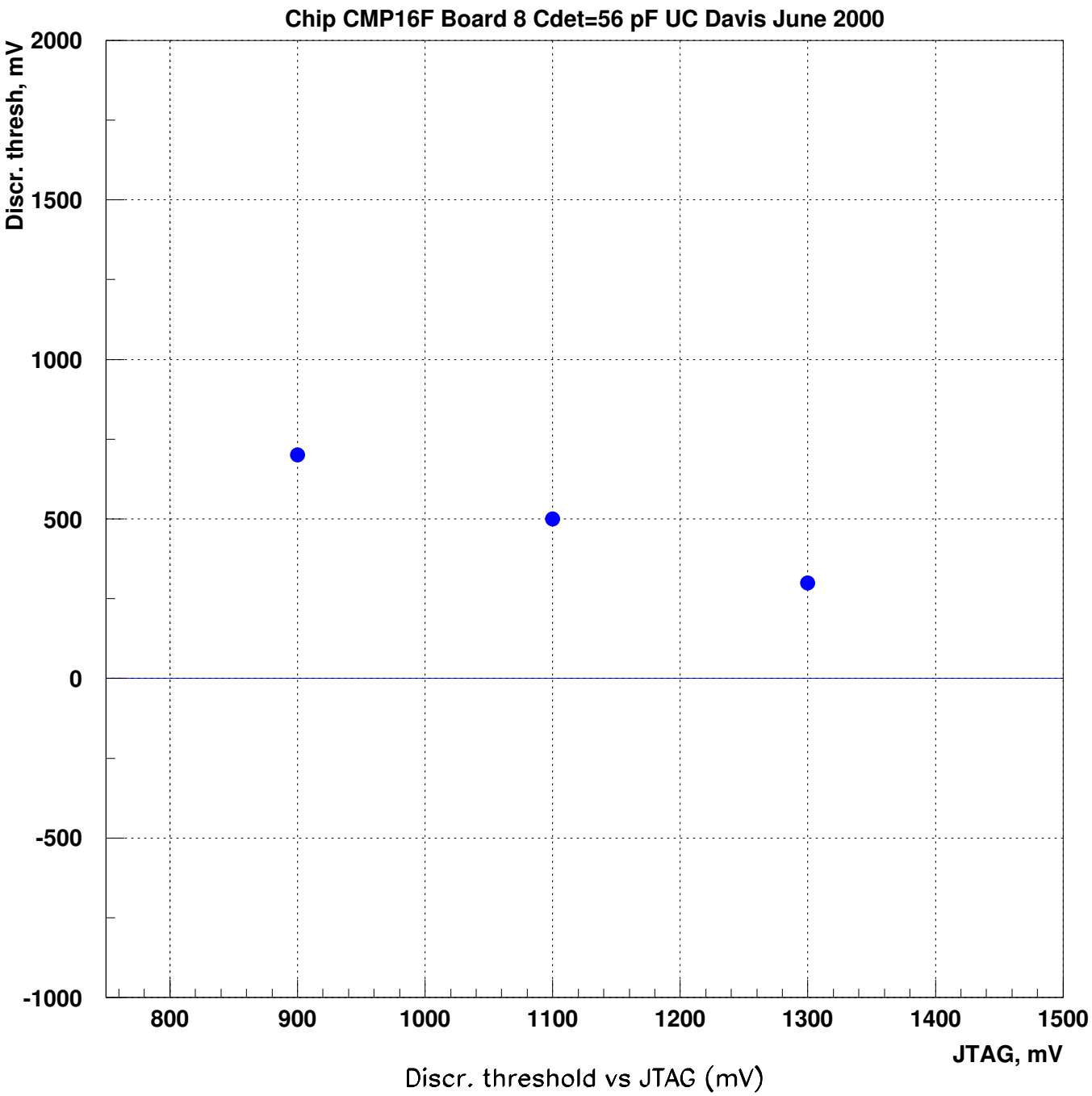


Aver/chan. Threshold vs run

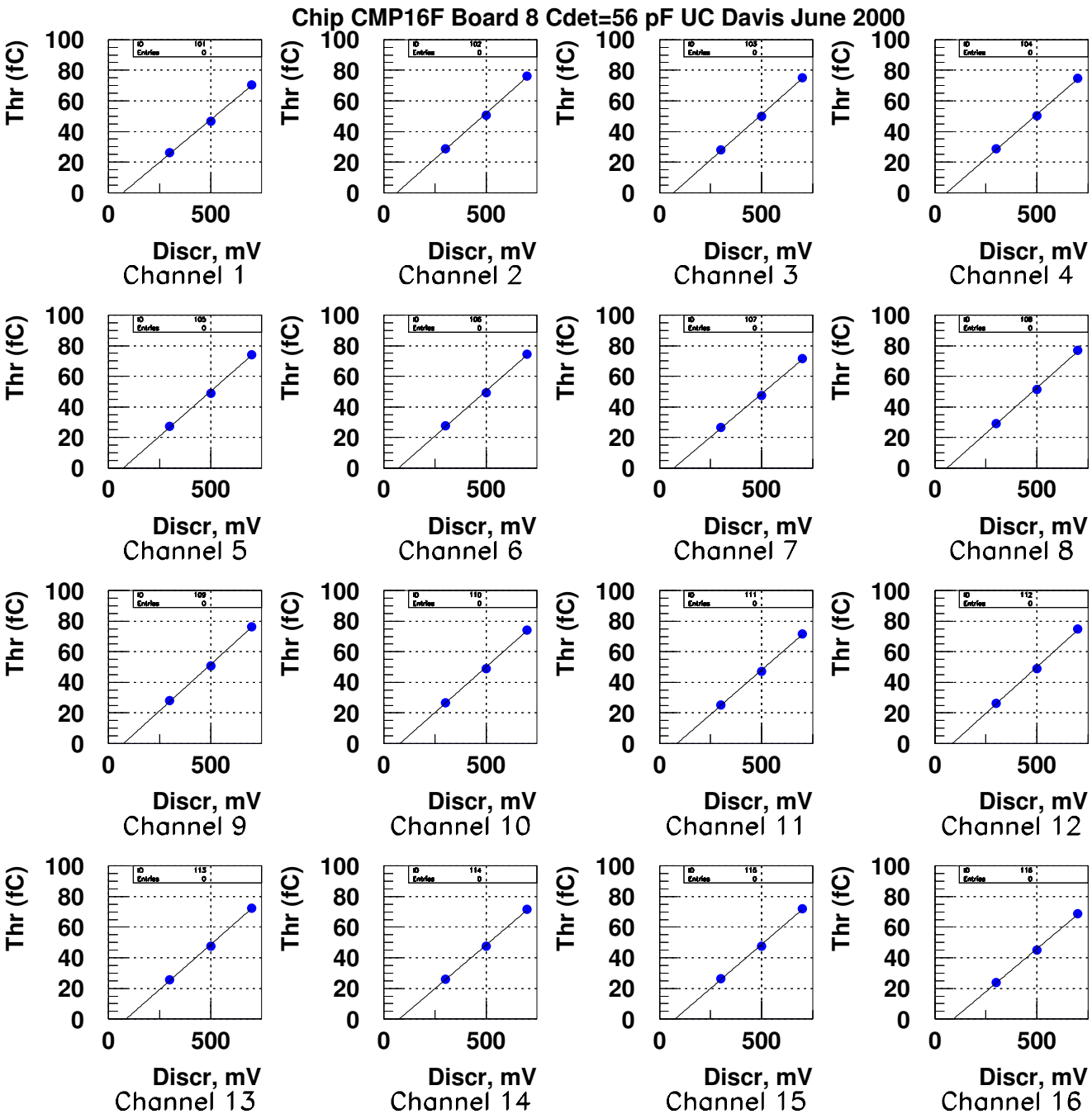


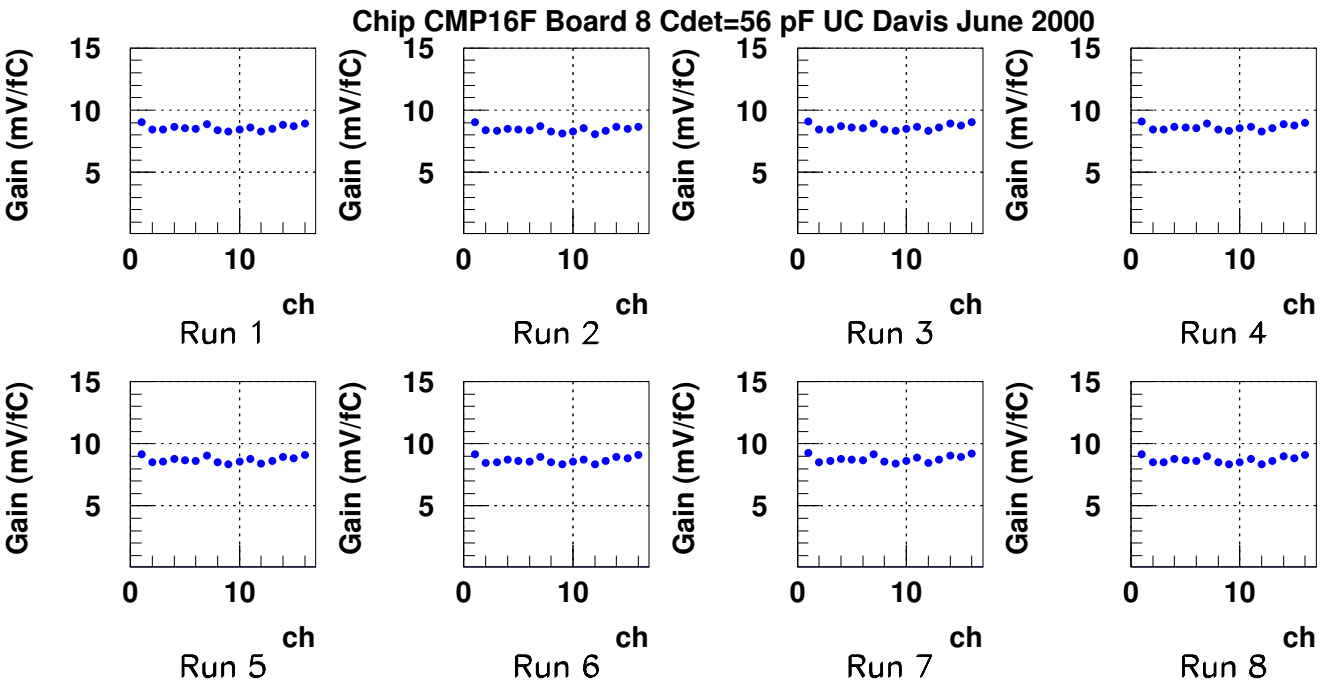
Aver/chan. Noise vs run

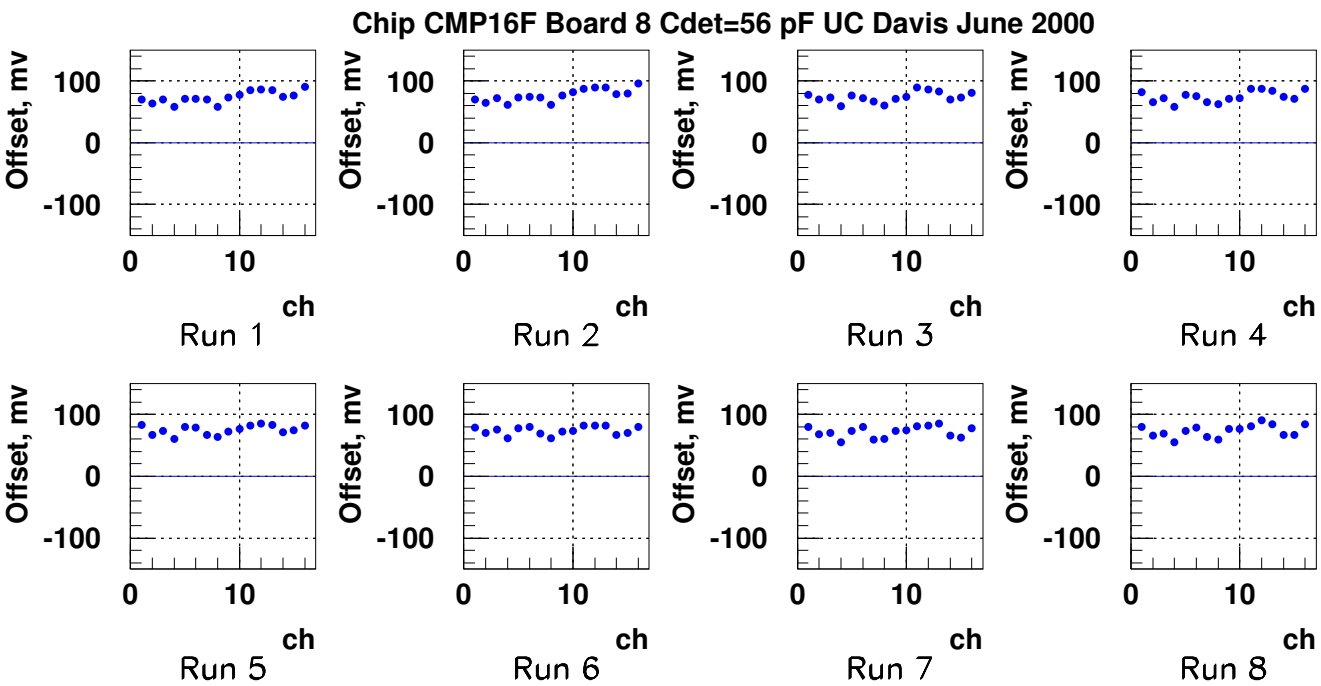

Chip CMP16F Board 8 JTAG=1300 mV Cdet=56 pF UC Davis June 2000
Threshold, fC
ID 61
ENTRIES 128
Channel
Threshold vs channel number, all runs
Noise, fC
ID 62
ENTRIES 128
Channel
Noise vs channel number, all runs

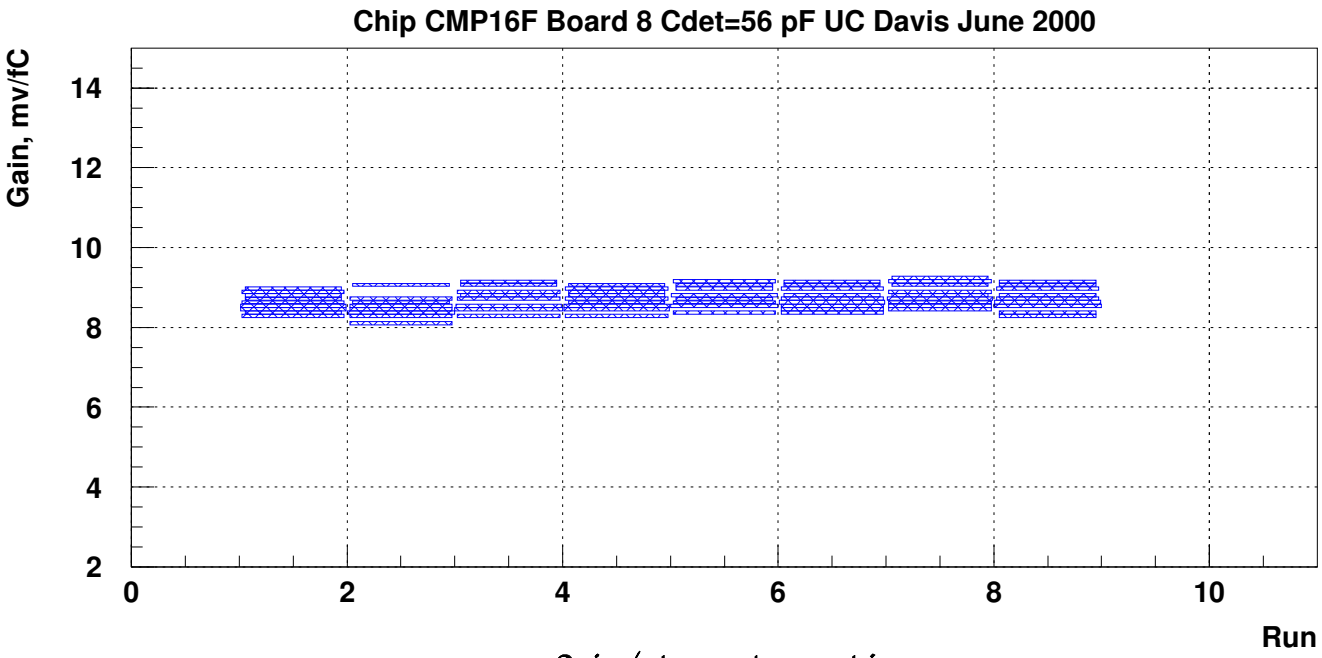


Discr. threshold vs JTAG (mV)

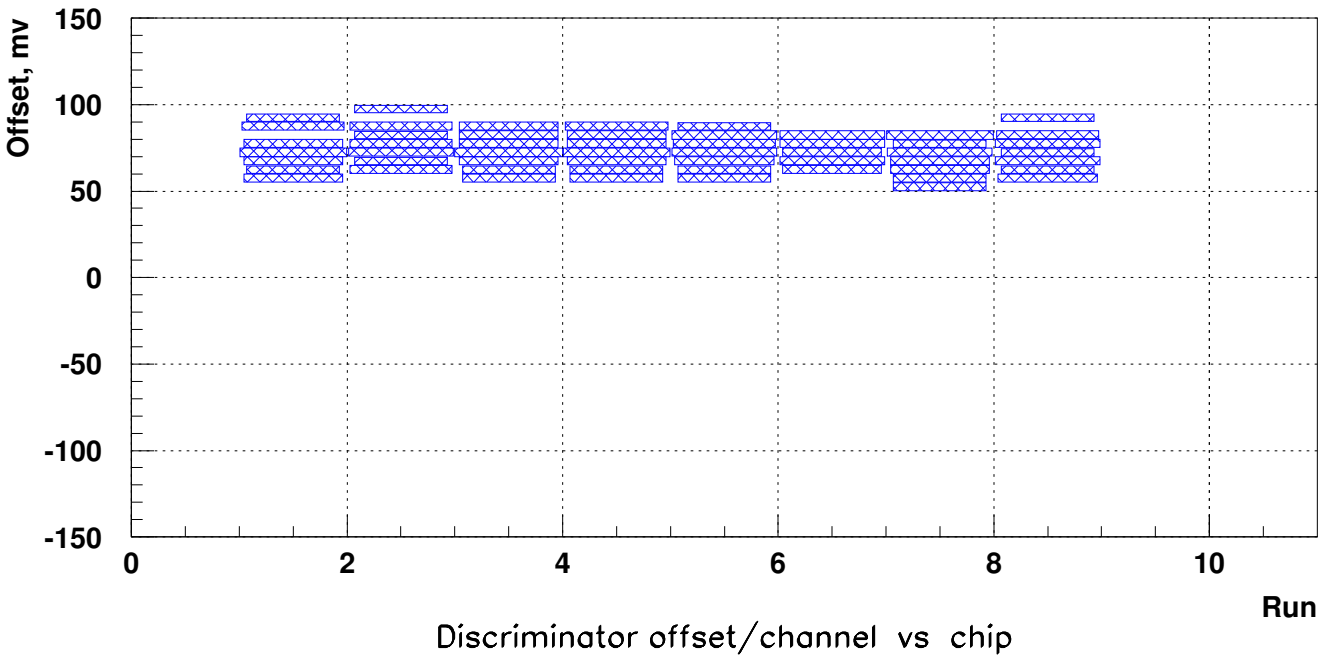

Chip CMP16F Board 8 Cdet=56 pF UC Davis June 2000
Thr (fC)
Discr, mV
Channel 1
Channel 2
Channel 3
Channel 4
Channel 5
Channel 6
Channel 7
Channel 8
Channel 9
Channel 10
Channel 11
Channel 12
Channel 13
Channel 14
Channel 15
Channel 16


Chip CMP16F Board 8 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

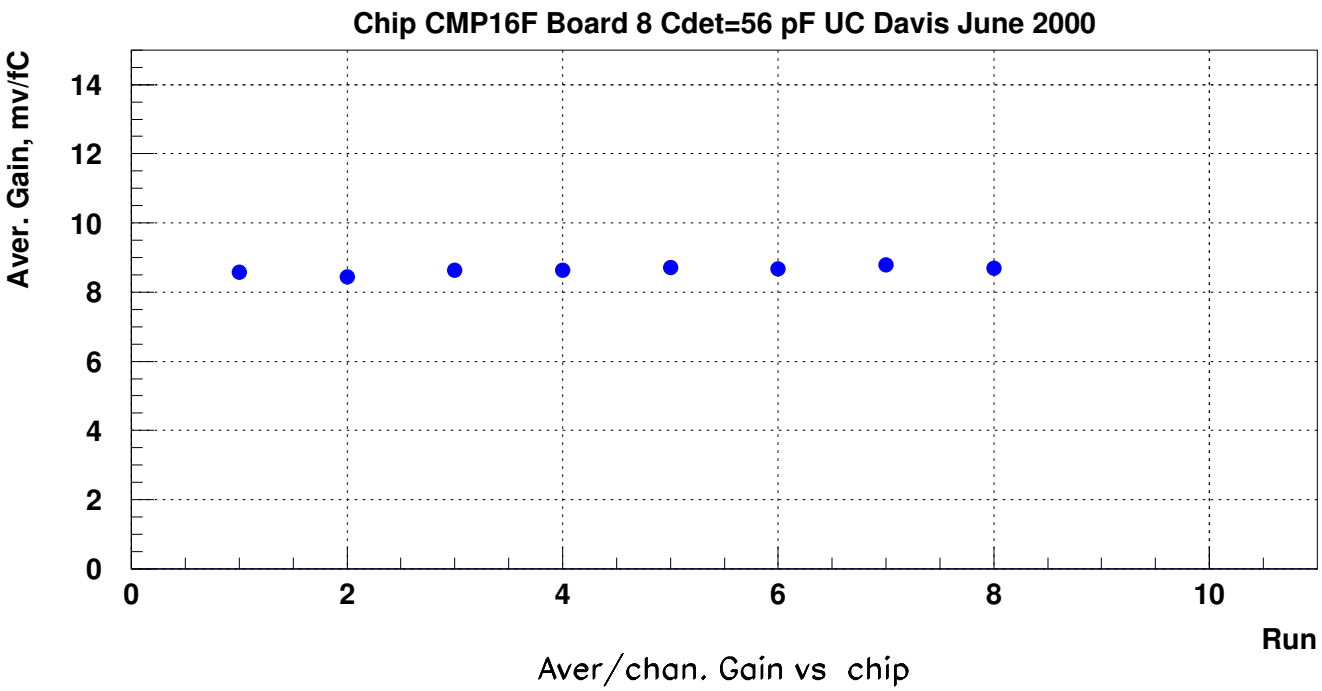

Chip CMP16F Board 8 Cdet=56 pF UC Davis June 2000
Offset, mv
100
0
-100
0
10
ch
Run 1
Run 2
Run 3
Run 4
Run 5
Run 6
Run 7
Run 8



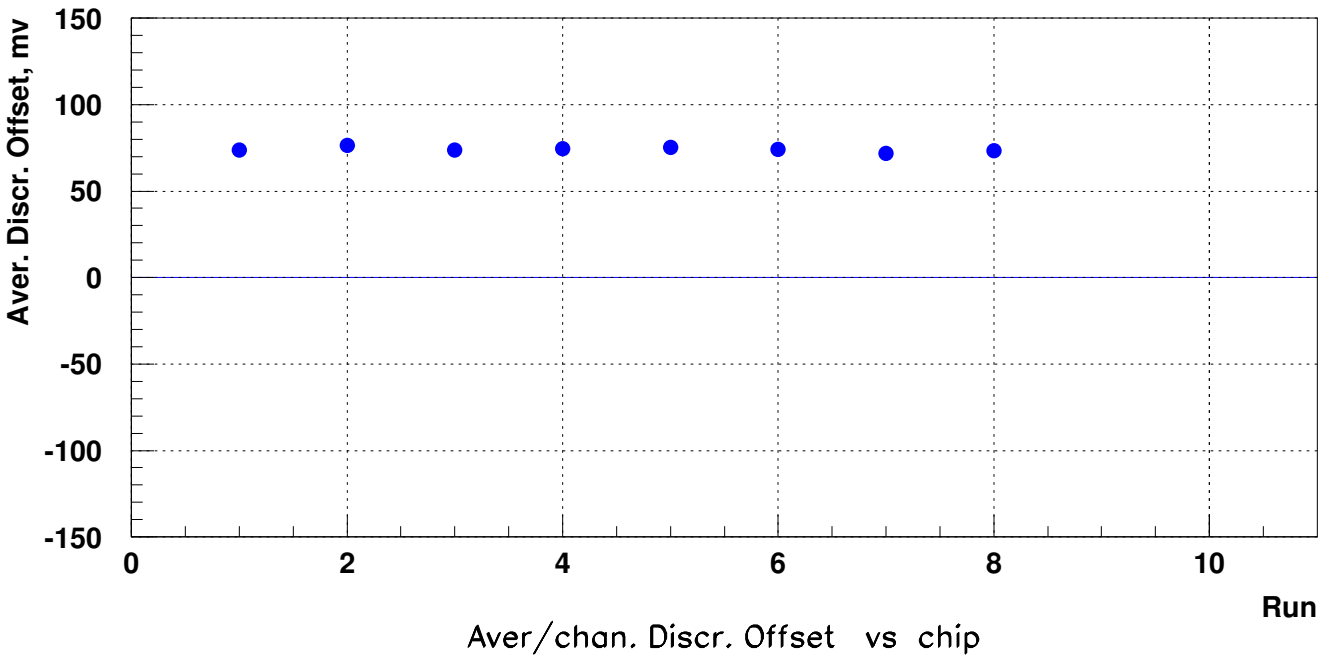
Gain/channel vs chip



Discriminator offset/channel vs chip

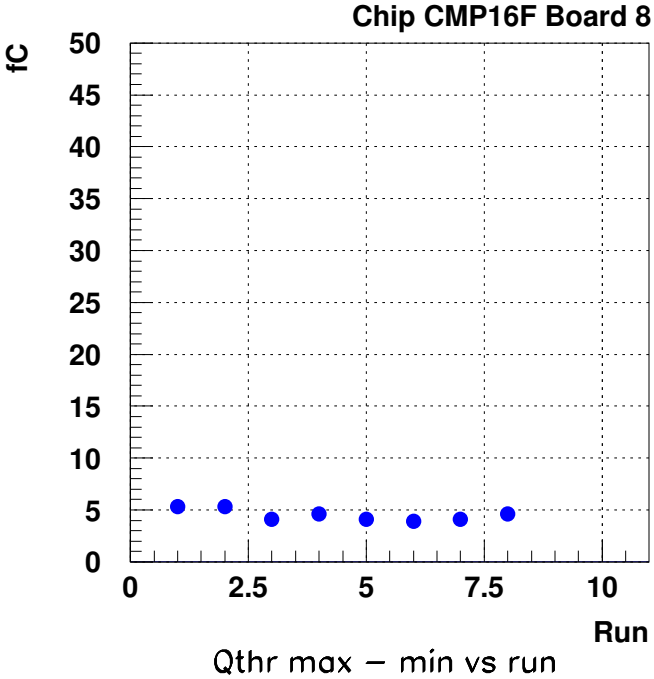


Aver/chan. Gain vs chip

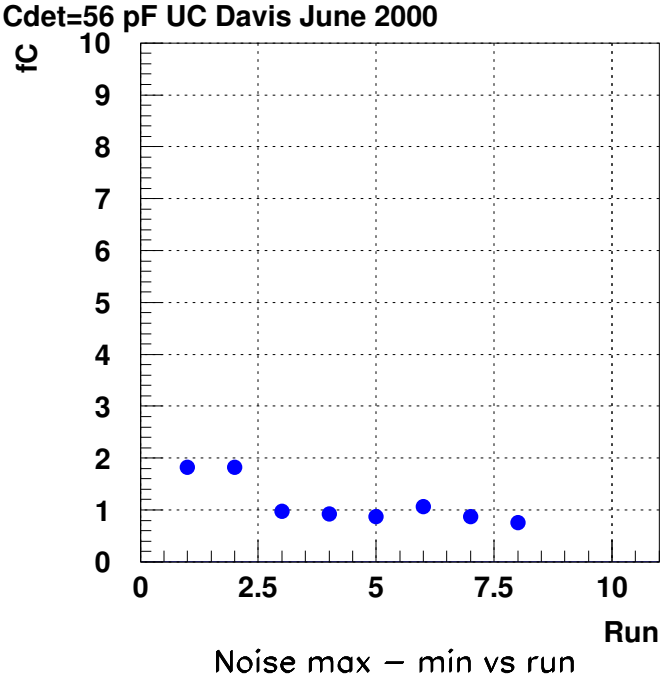


Aver/chan. Discr. Offset vs chip

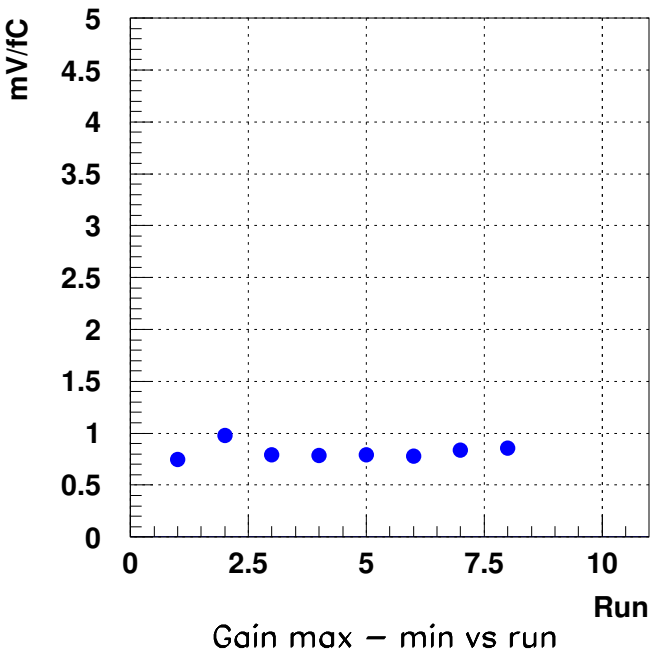
Chip CMP16F Board 8 Cdet=56 pF UC Davis June 2000



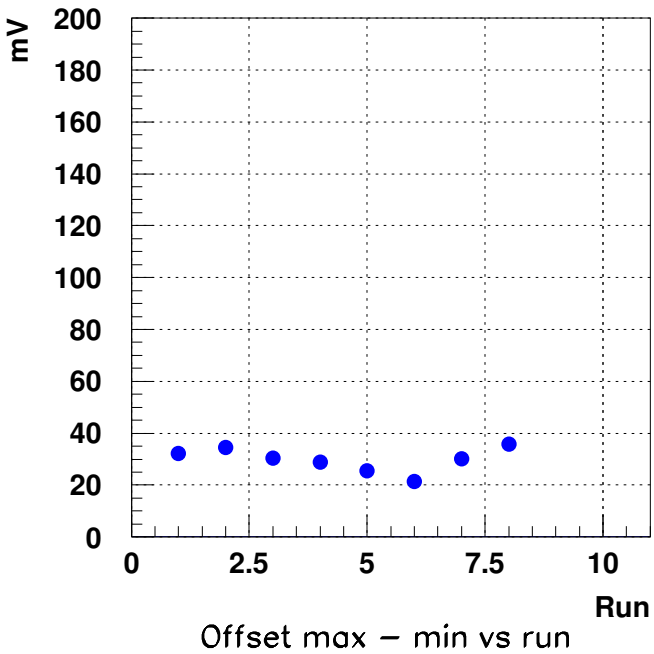
Qthr max − min vs run



Noise max − min vs run

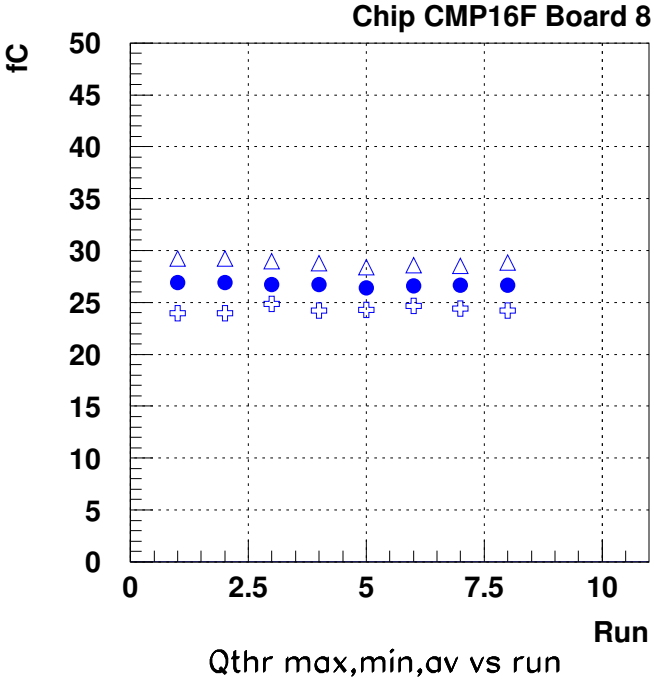


Gain max − min vs run

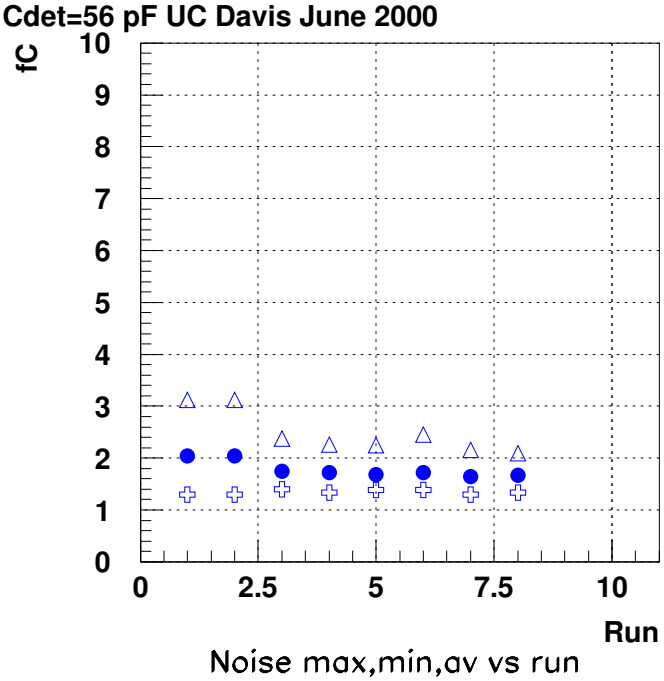


Offset max − min vs run

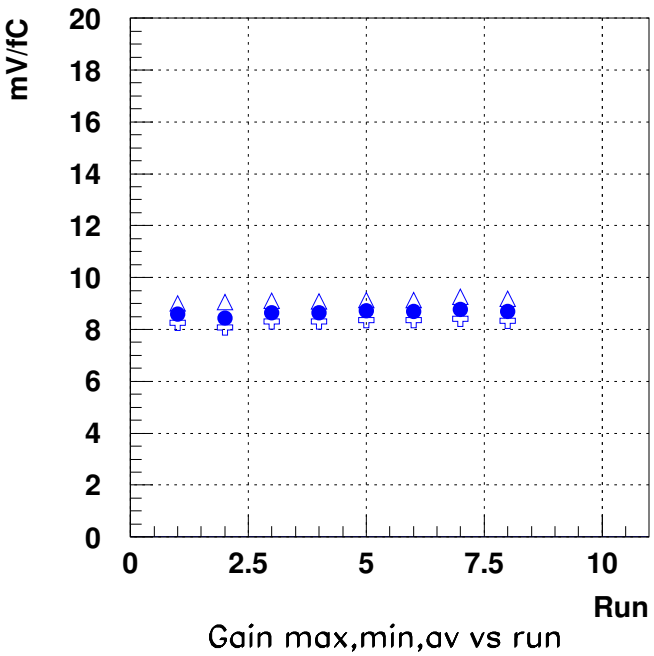
Chip CMP16F Board 8 Cdet=56 pF UC Davis June 2000



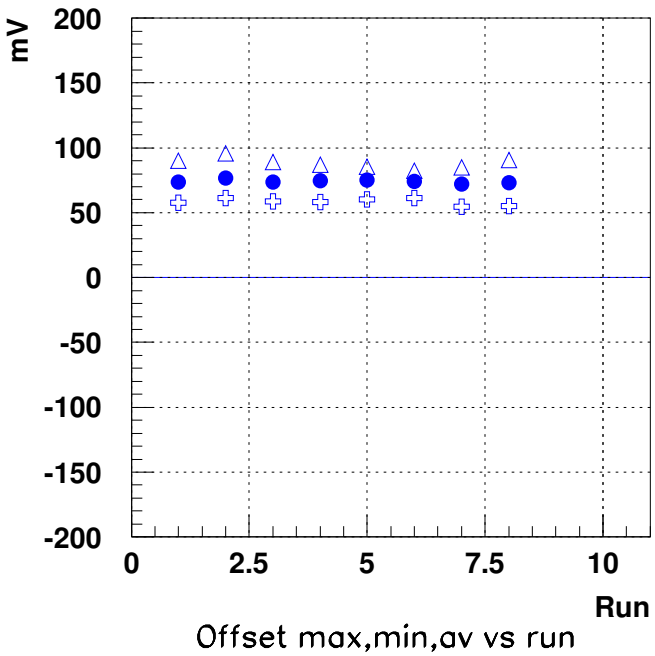
Qthr max,min,av vs run



Noise max,min,av vs run



Gain max,min,av vs run



Offset max,min,av vs run