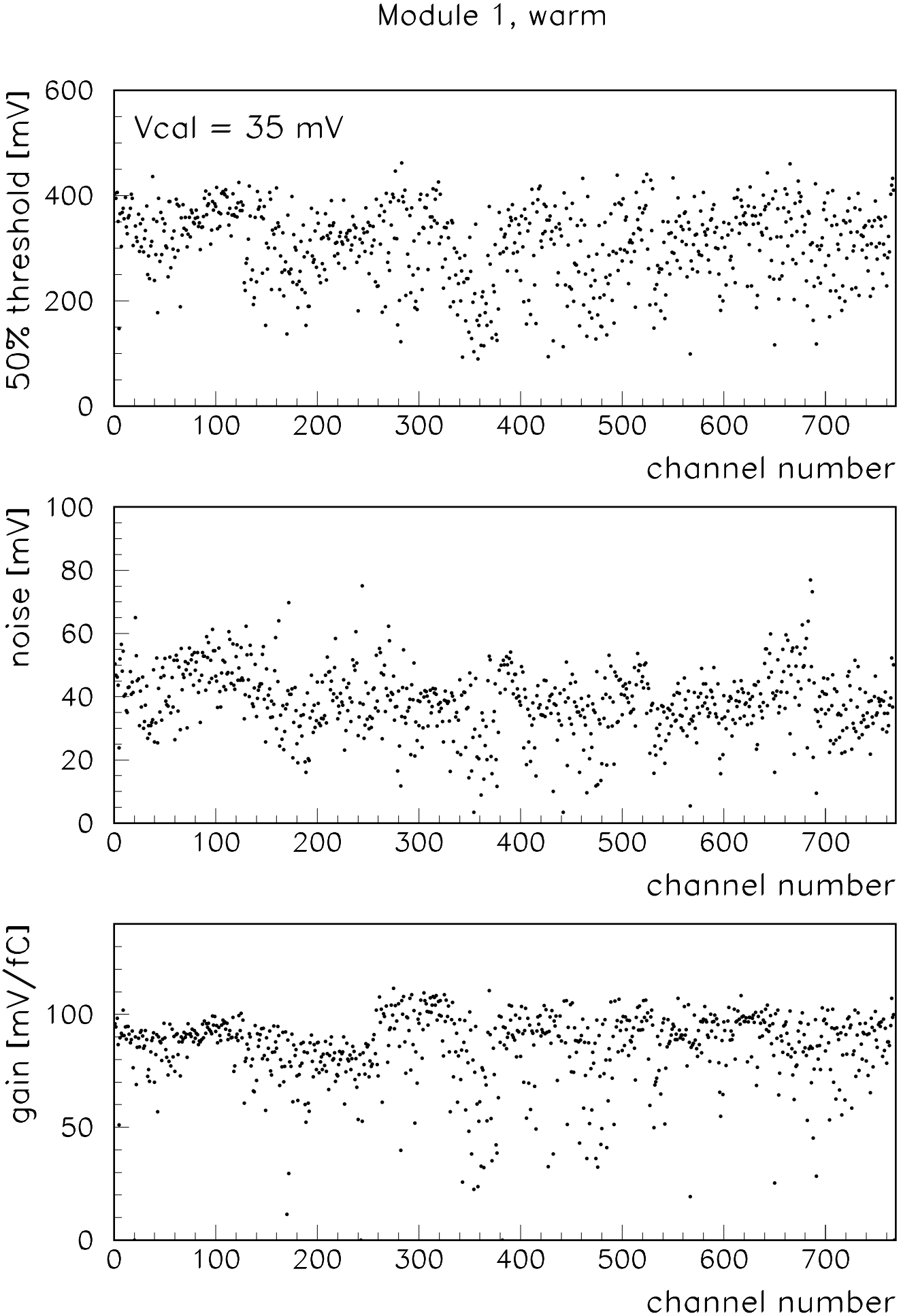
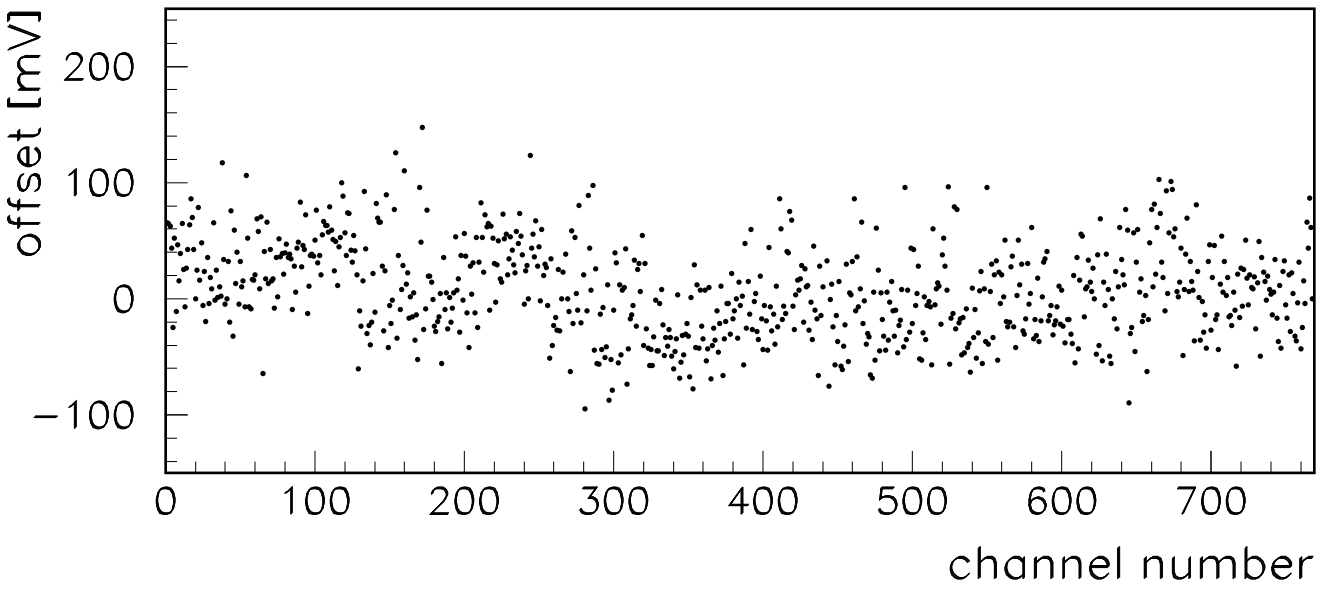
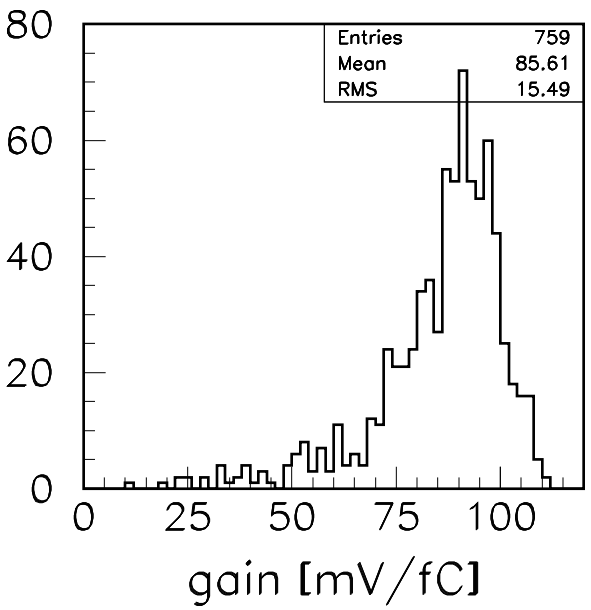
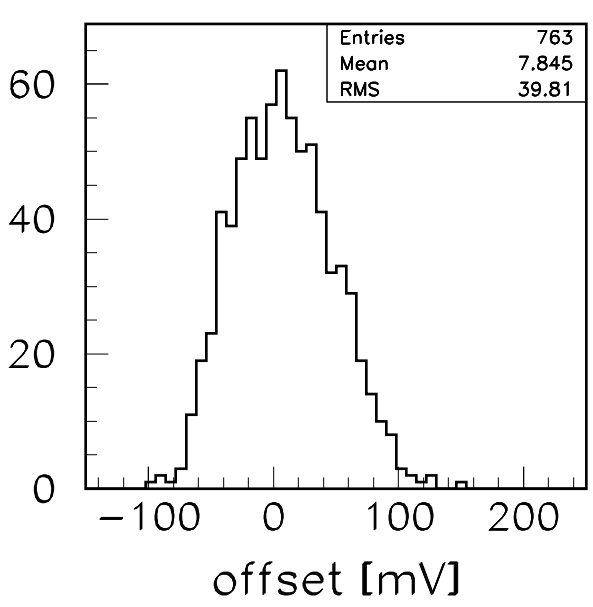
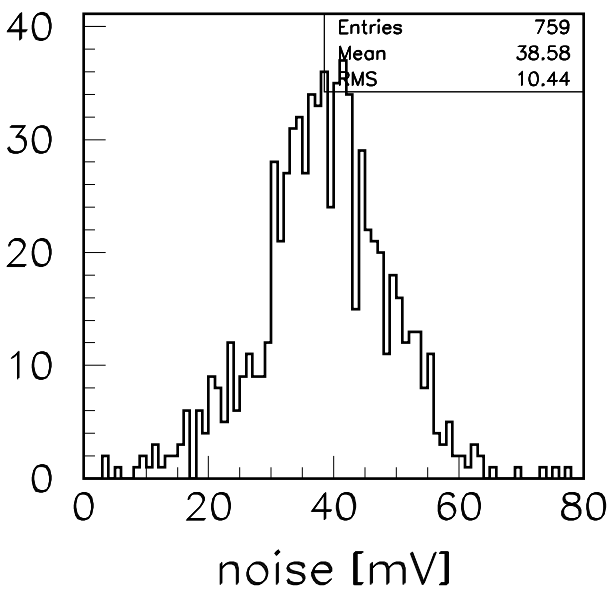

Module 1, warm
Vcal = 35 mV
50% threshold [mV]
0
200
400
600
0
100
200
300
400
500
600
700
channel number
noise [mV]
0
20
40
60
80
100
0
100
200
300
400
500
600
700
channel number
gain [mV/fC]
0
50
100
0
100
200
300
400
500
600
700
channel number

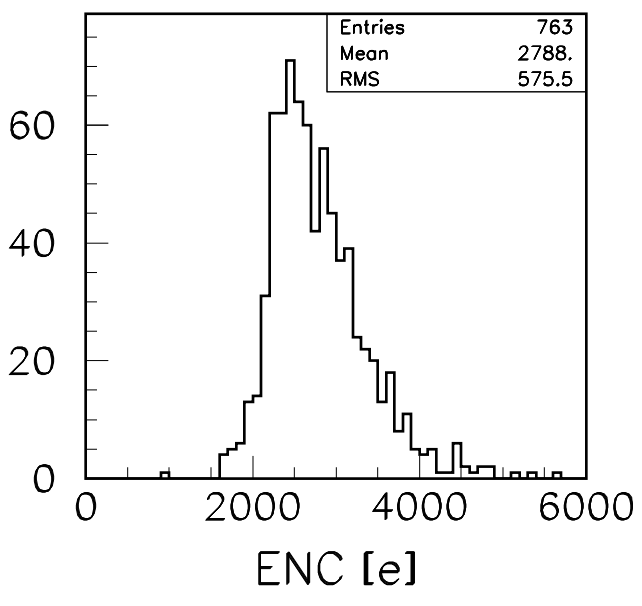
Module 1, warm



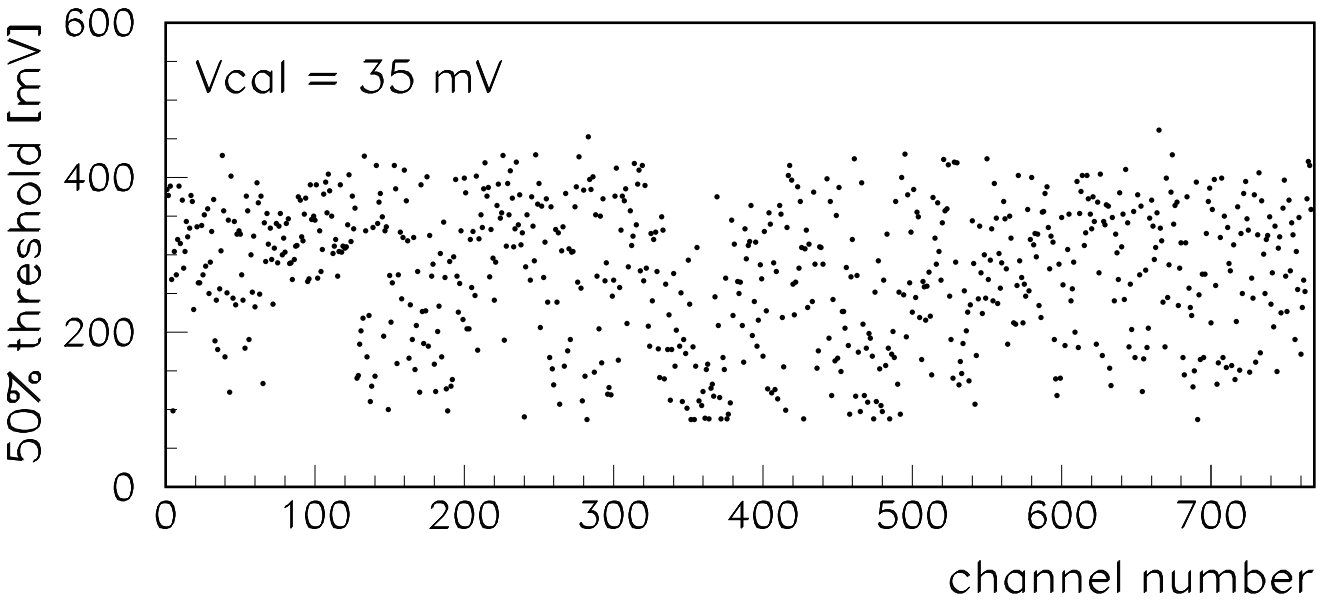


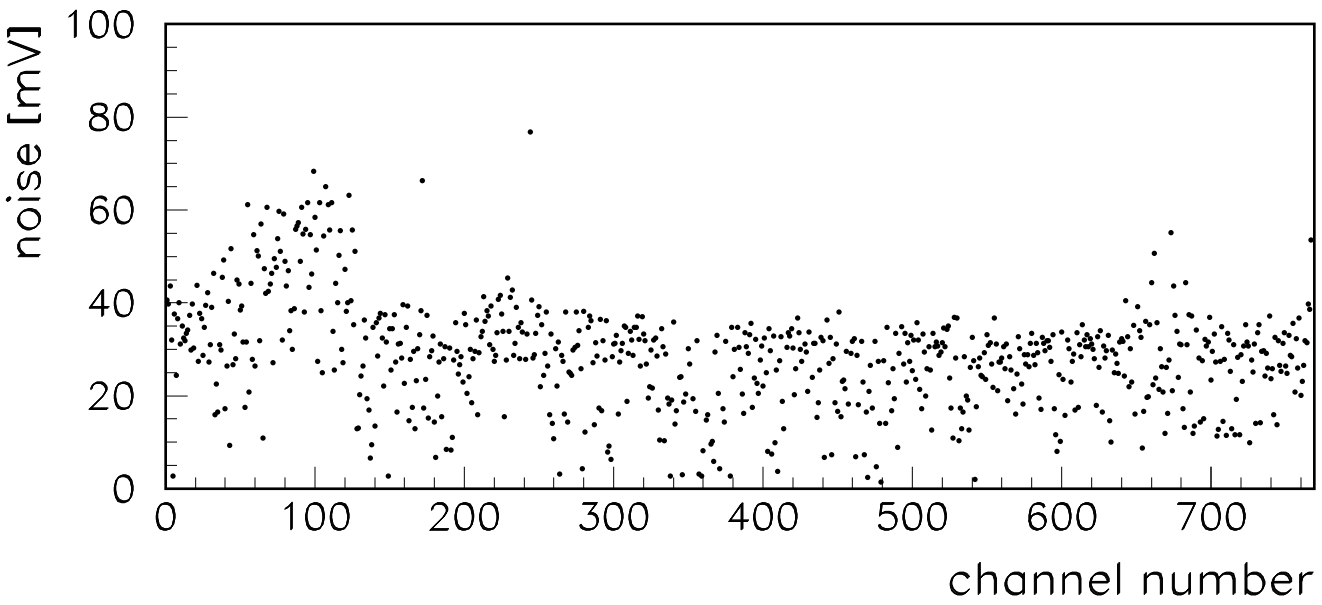


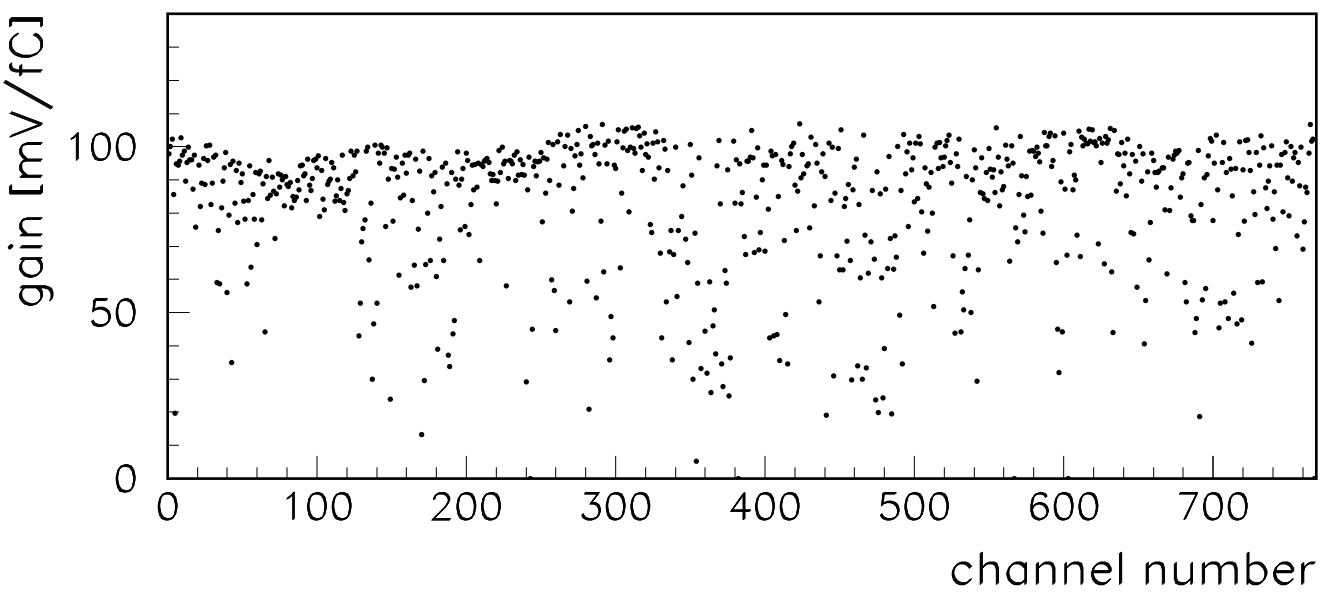




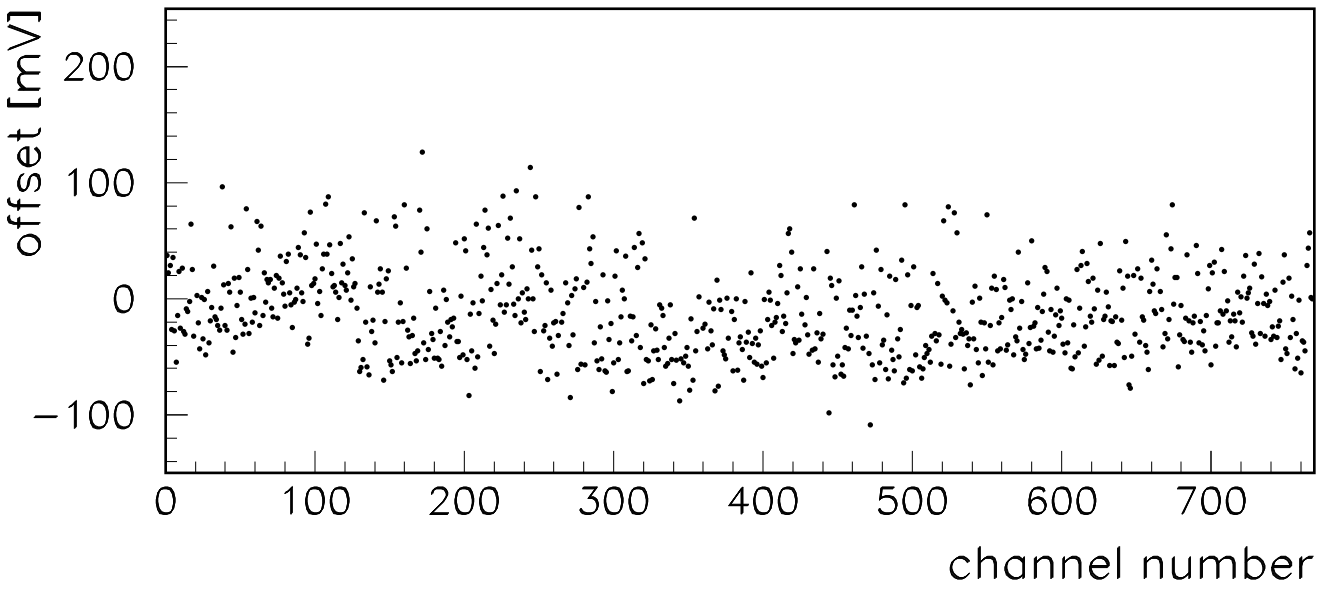
Module 1, cold

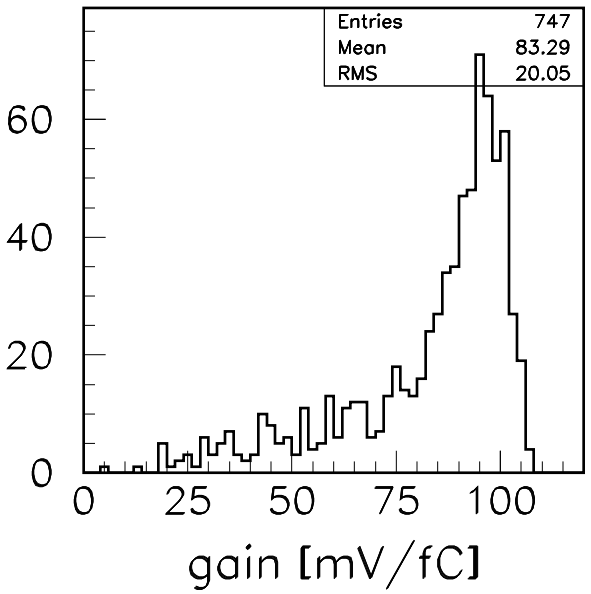


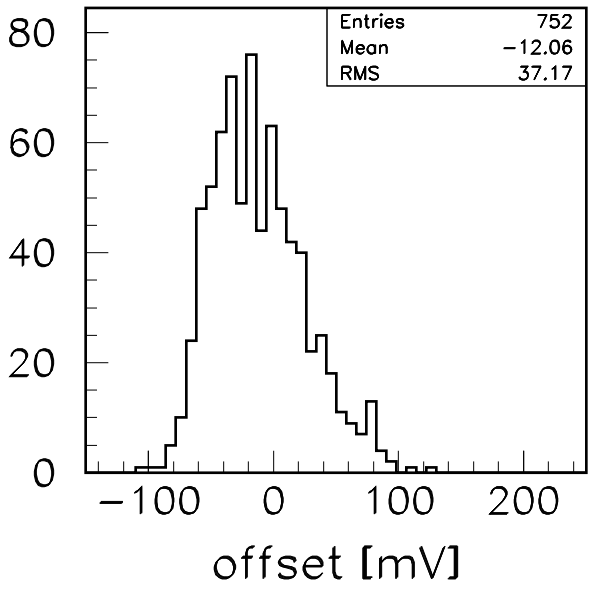


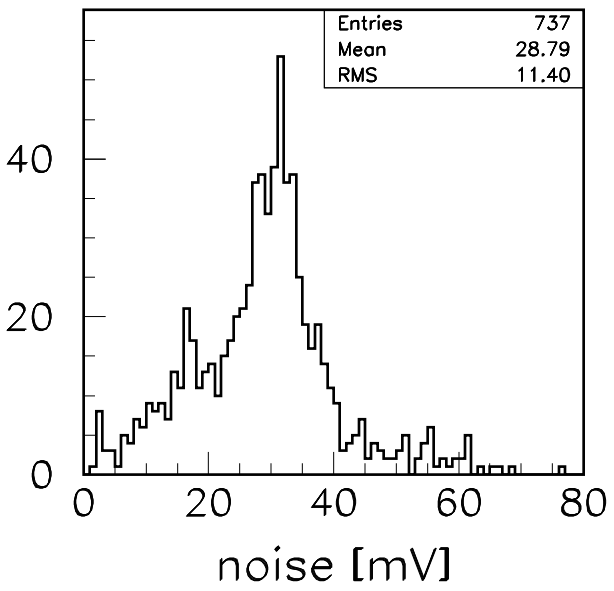


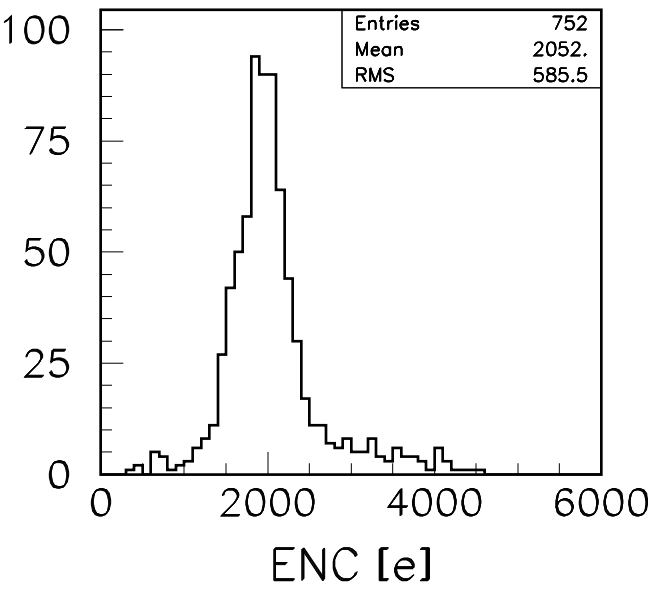
Module 1, cold



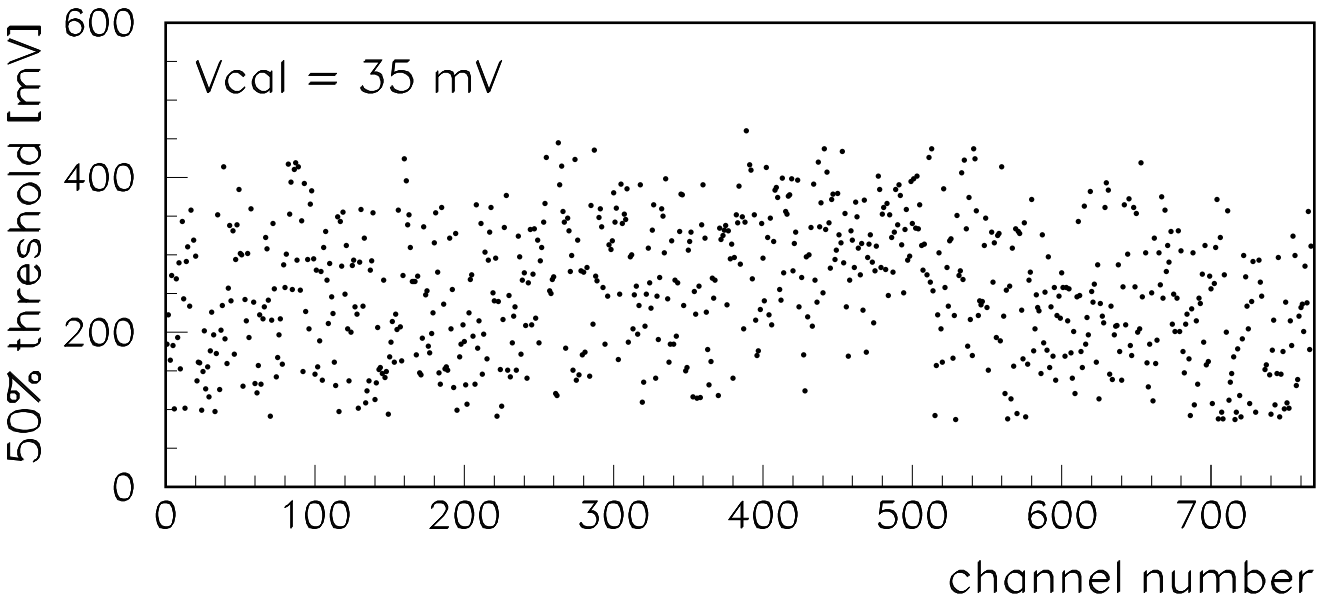


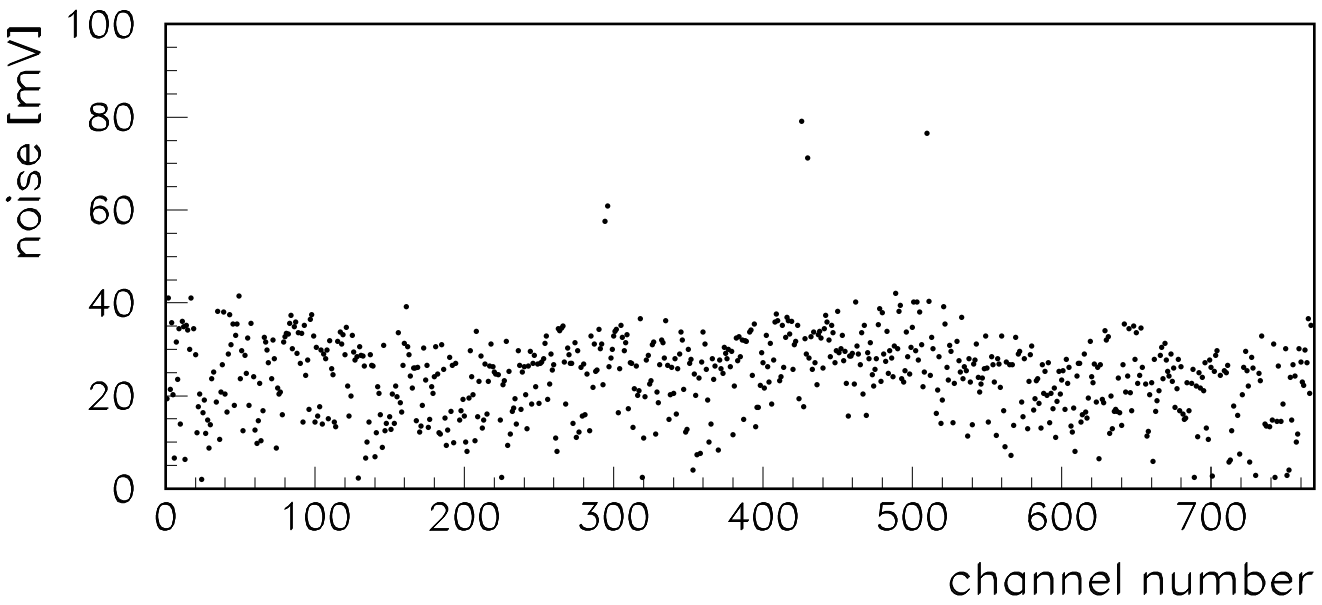


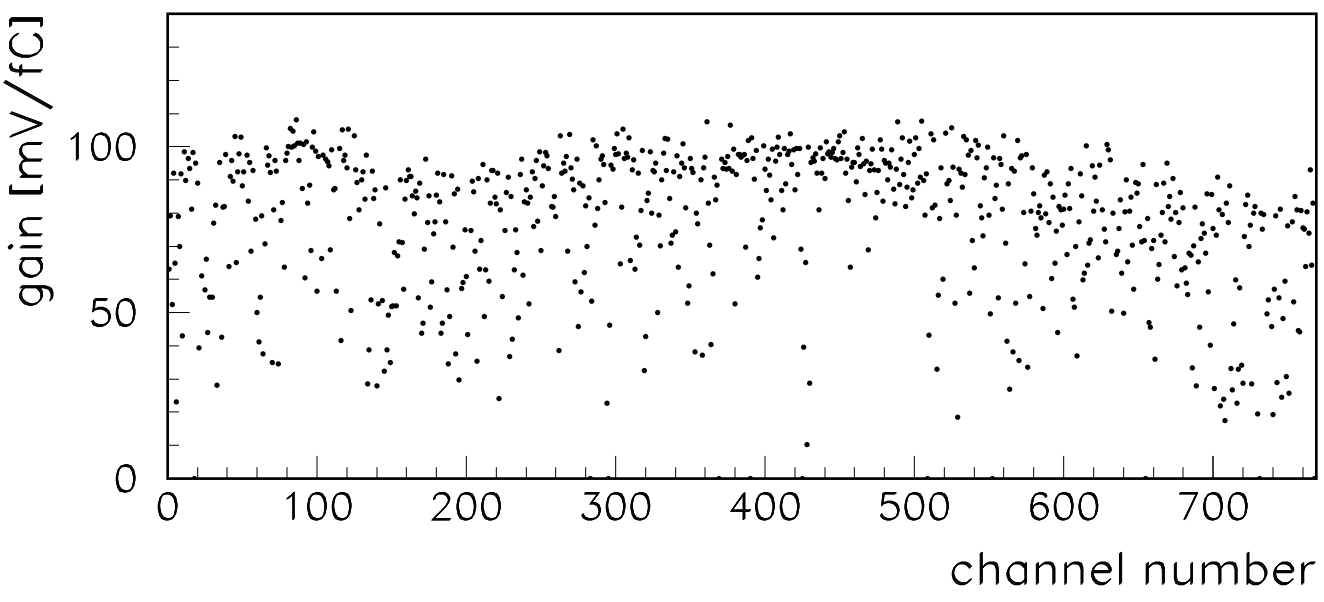




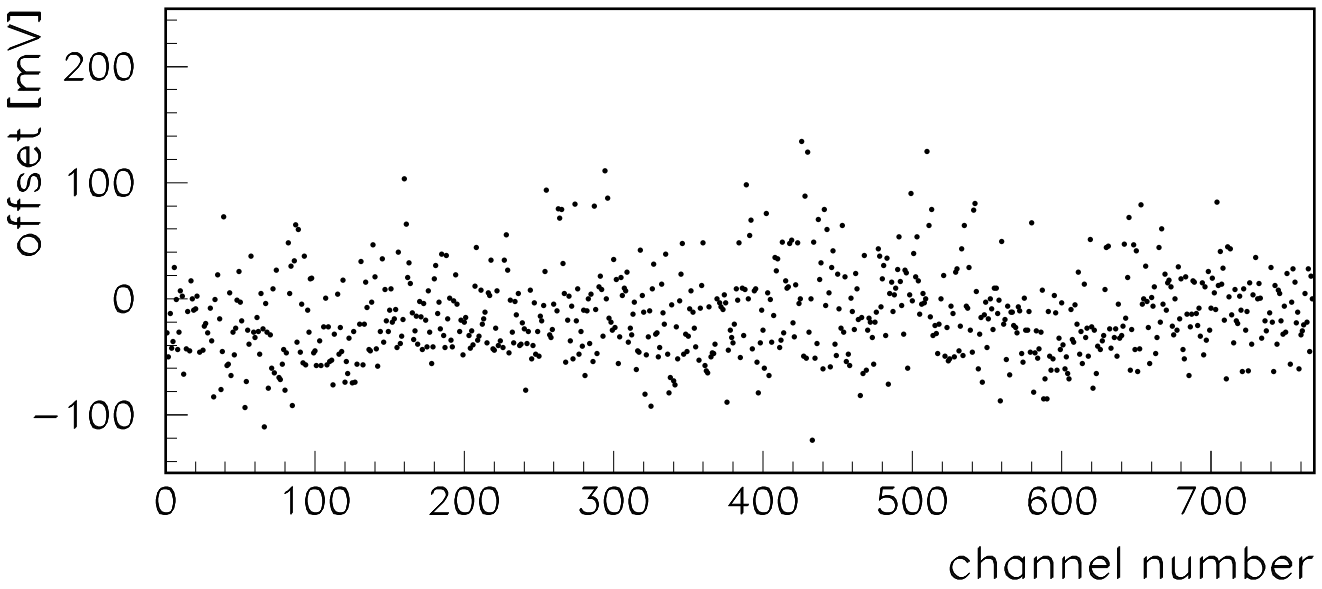
Module 2, warm

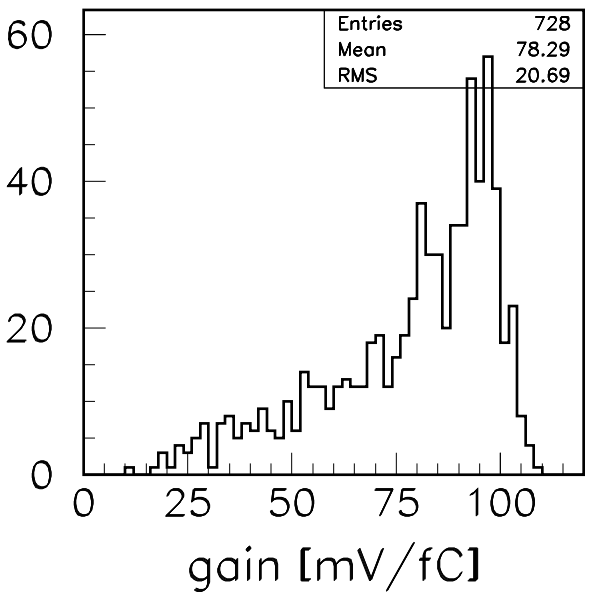


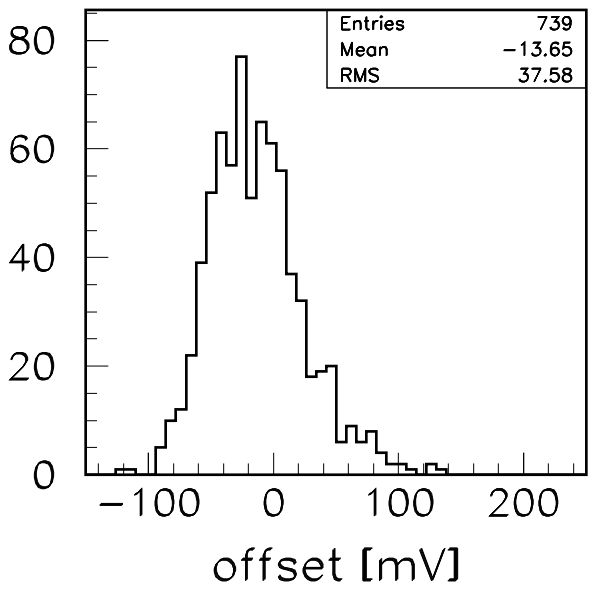


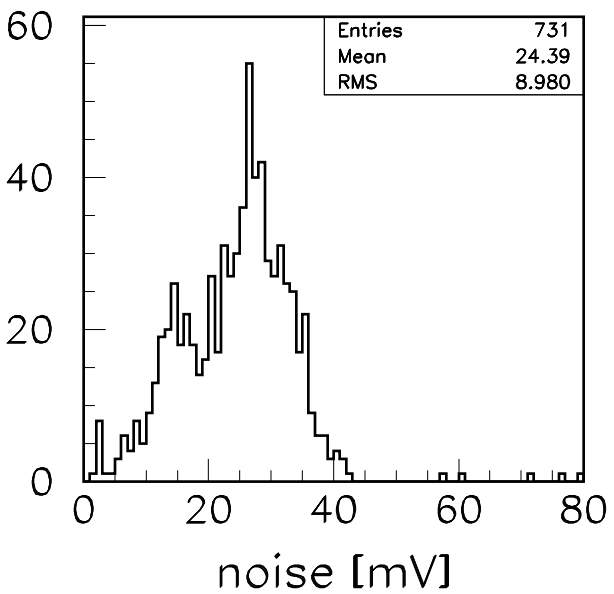


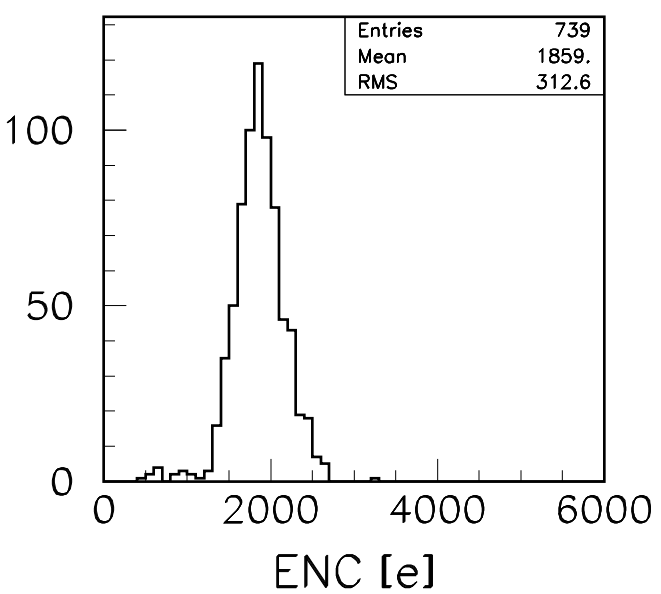
Module 2, warm



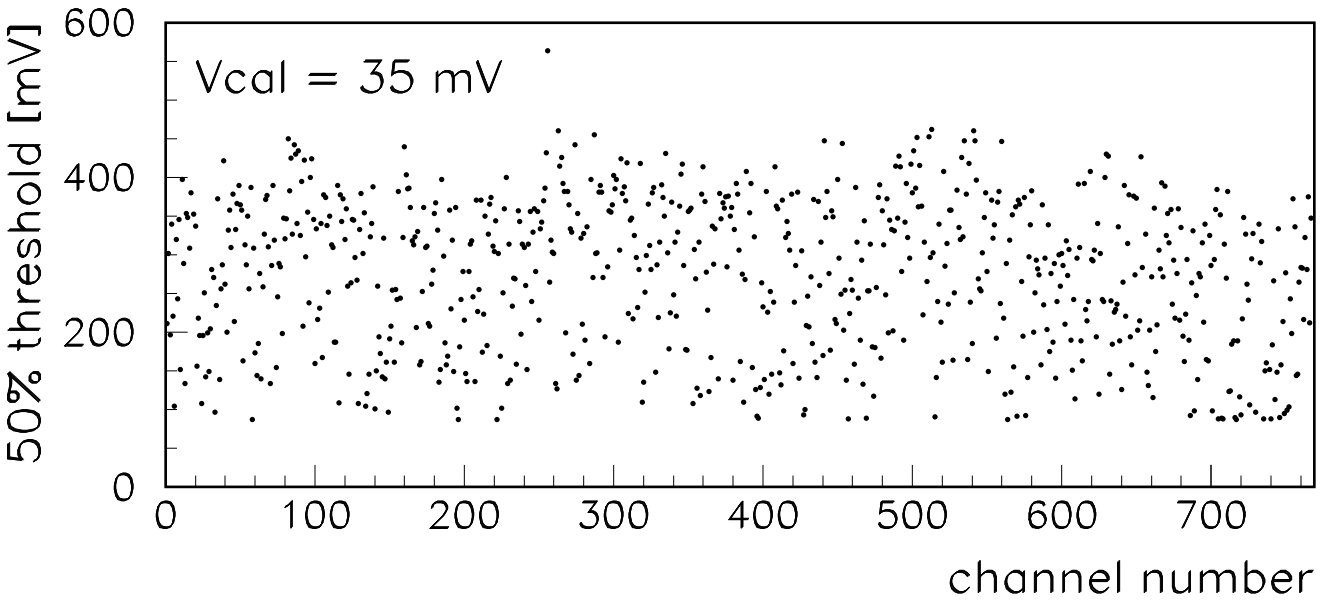


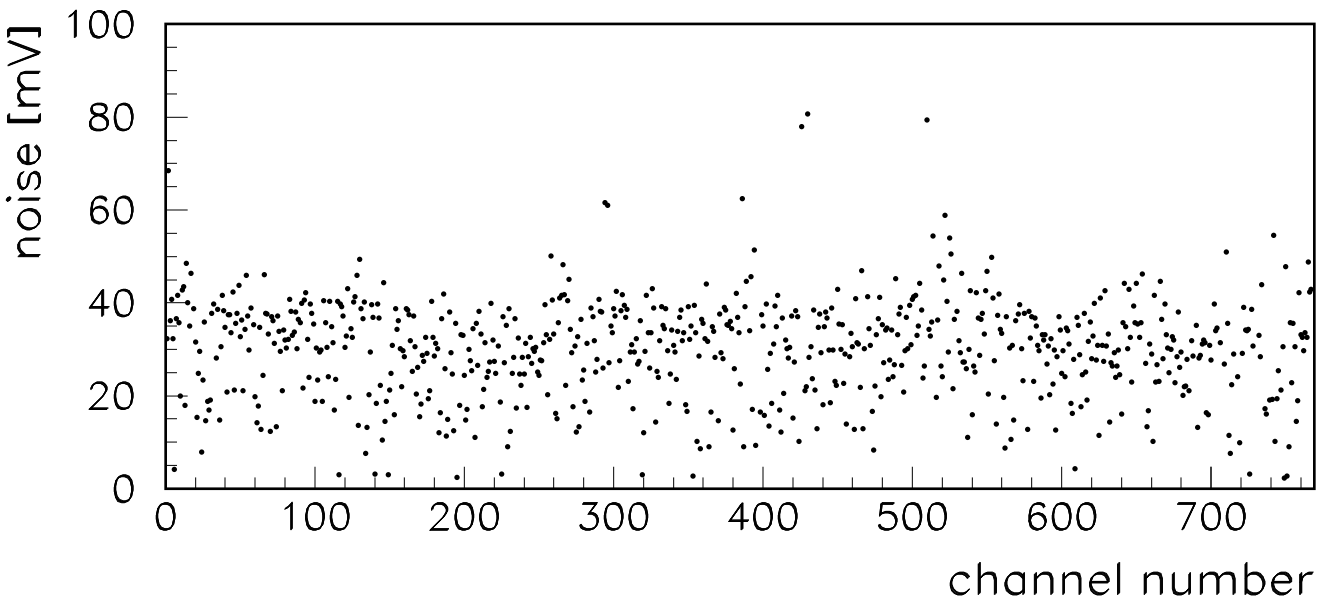


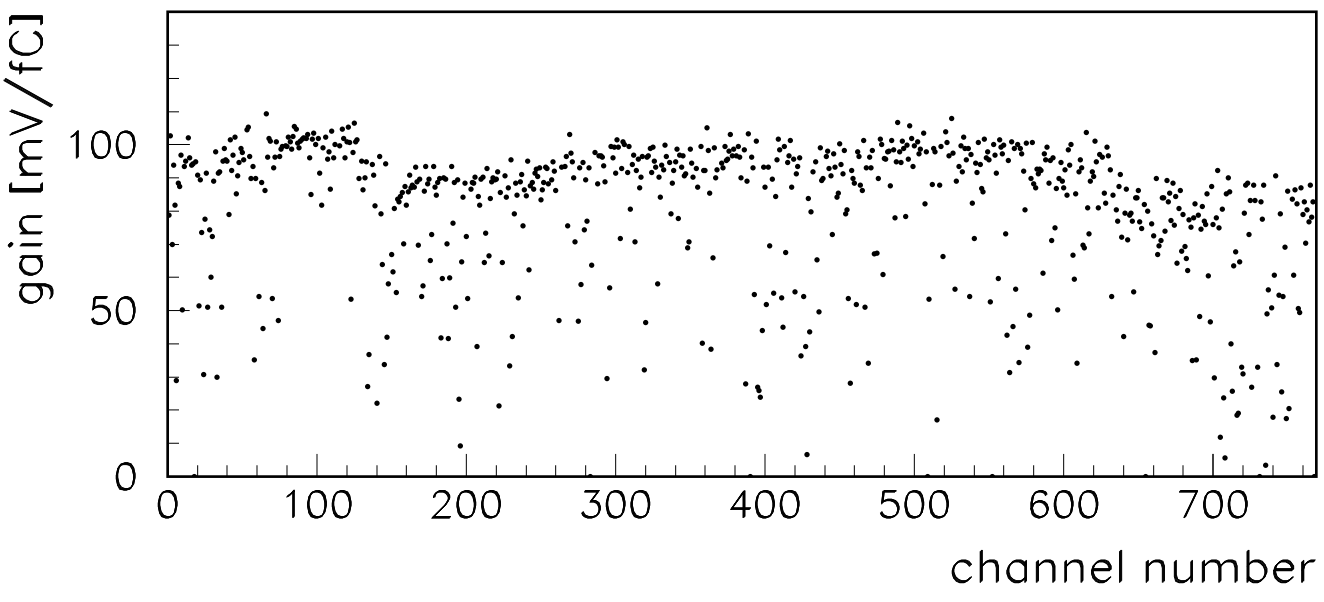




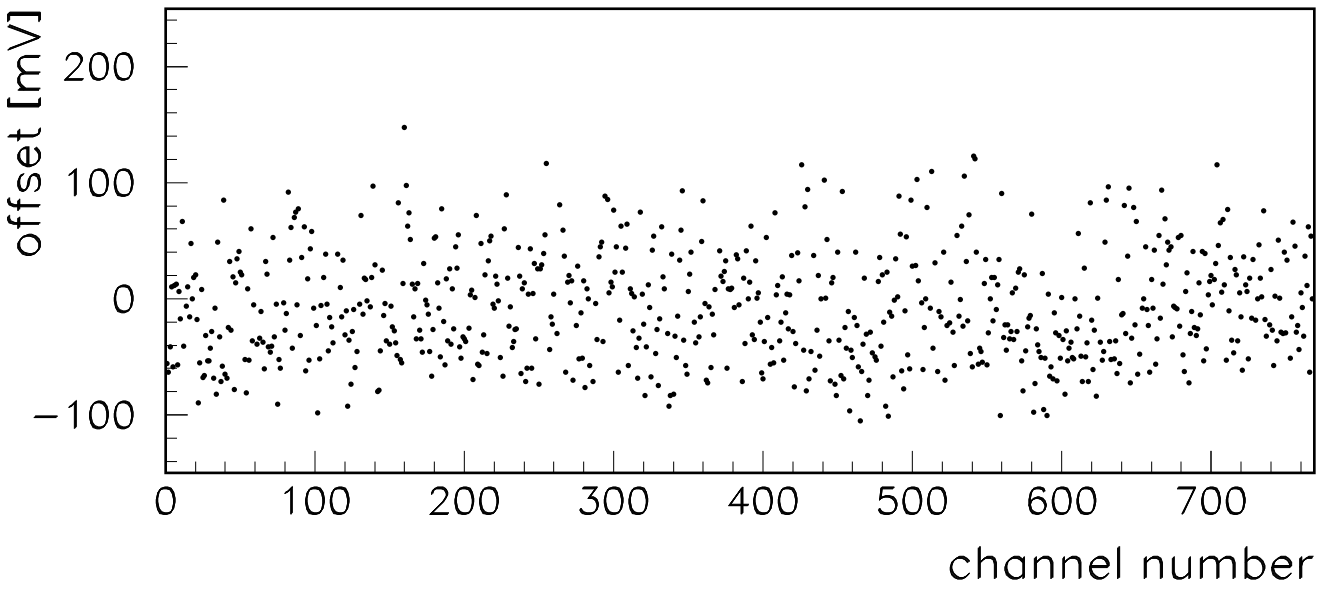
Module 2, cold

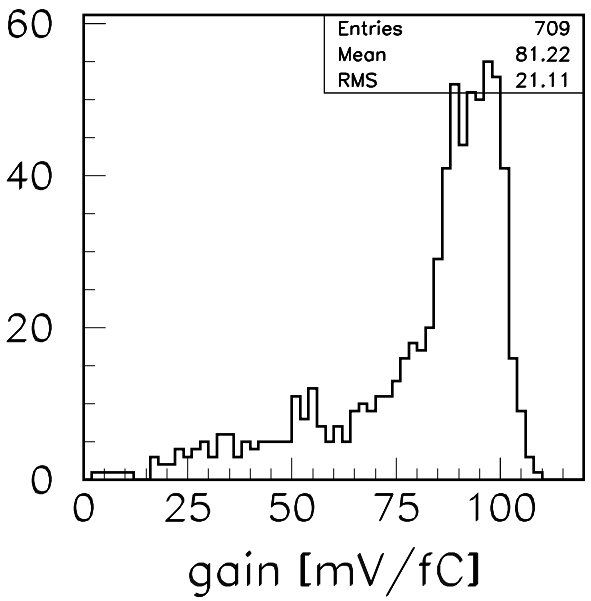


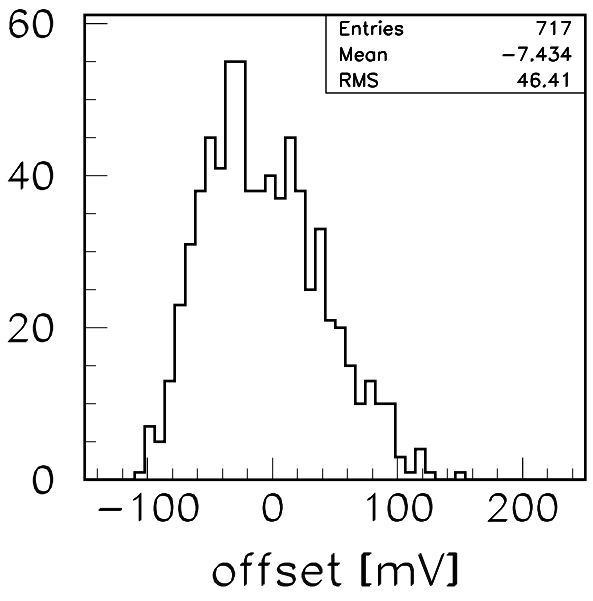


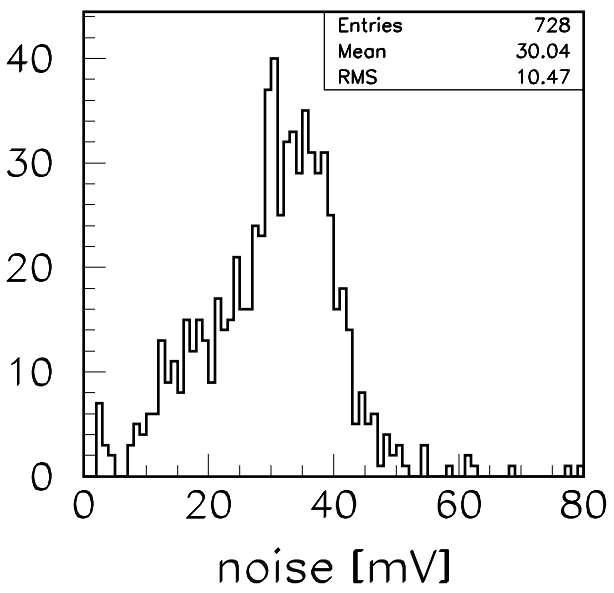


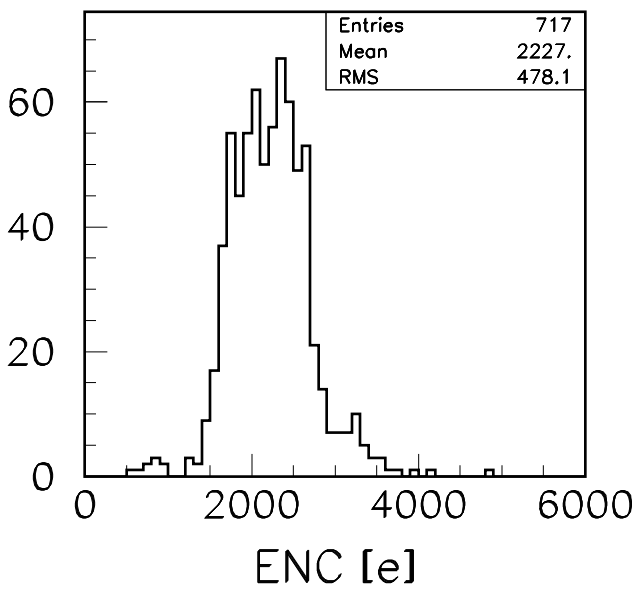
Module 2, cold



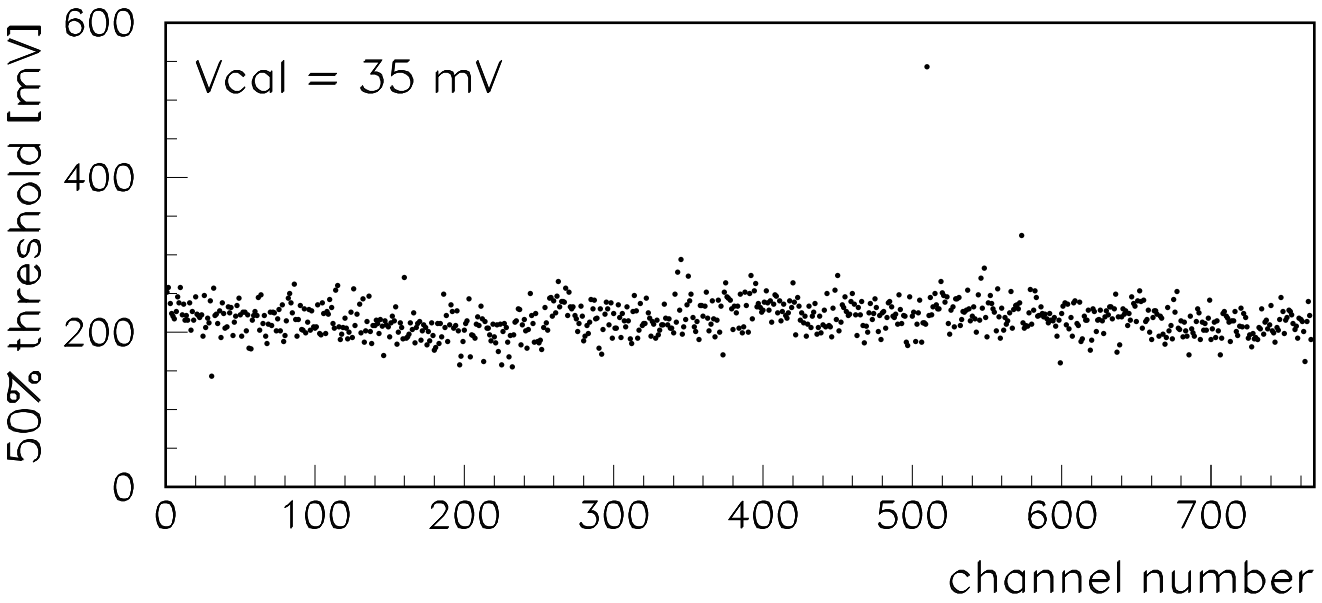


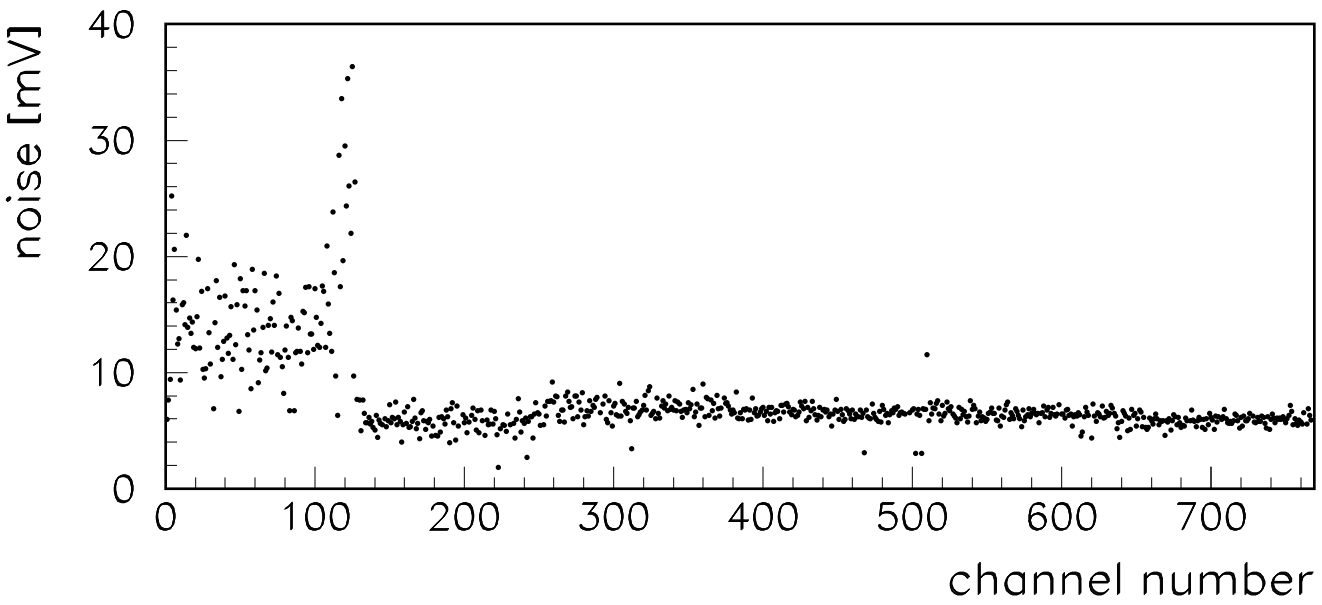


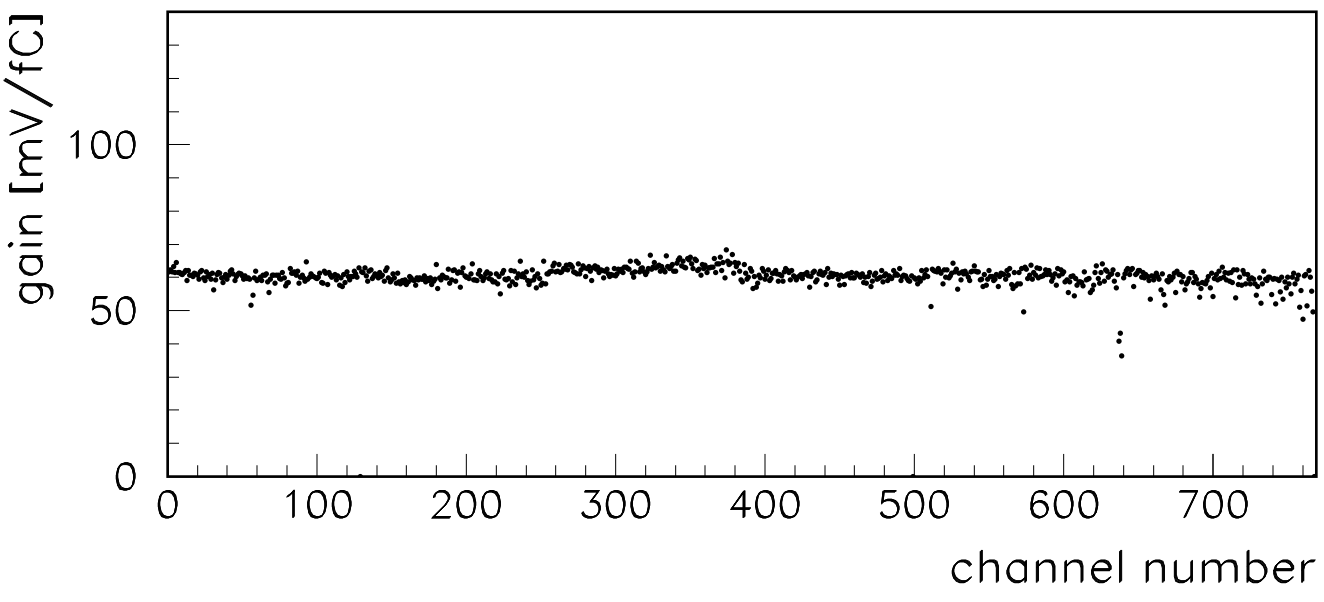




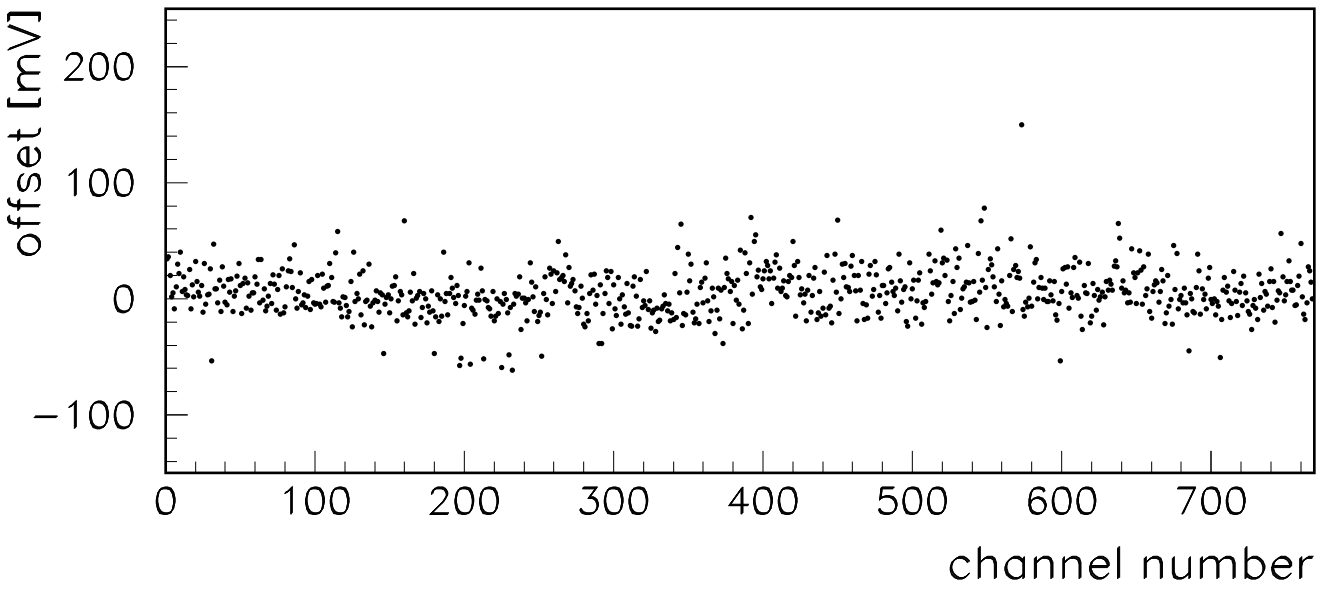
Hybrid 3, uniform settings, warm

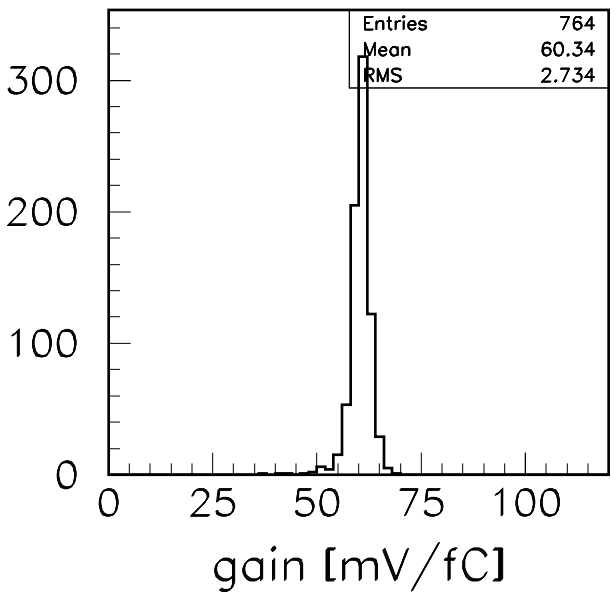


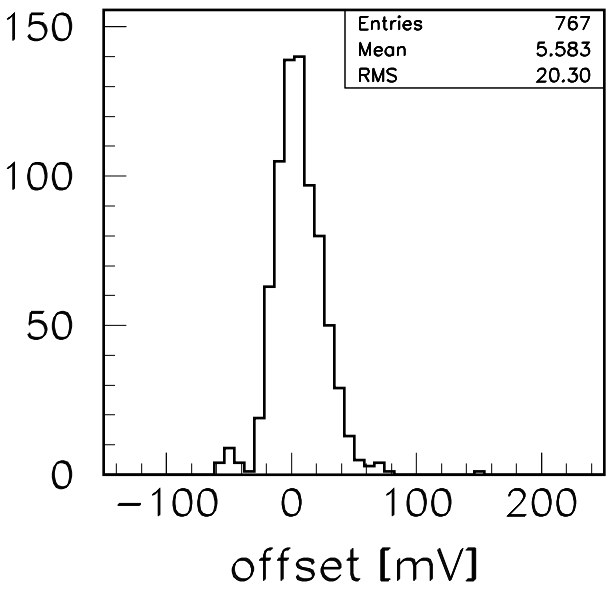


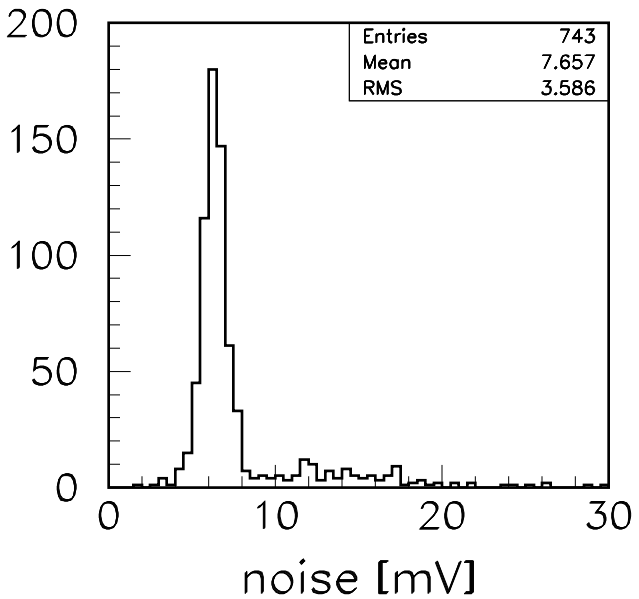


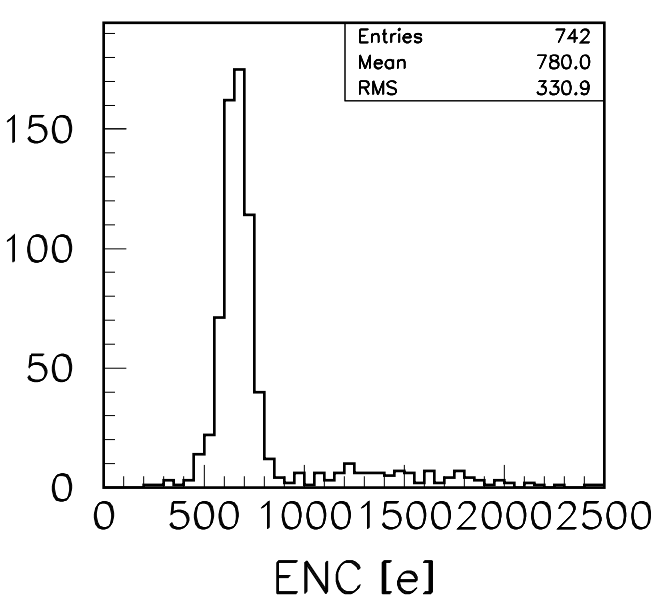
Hybrid 3, uniform settings, warm



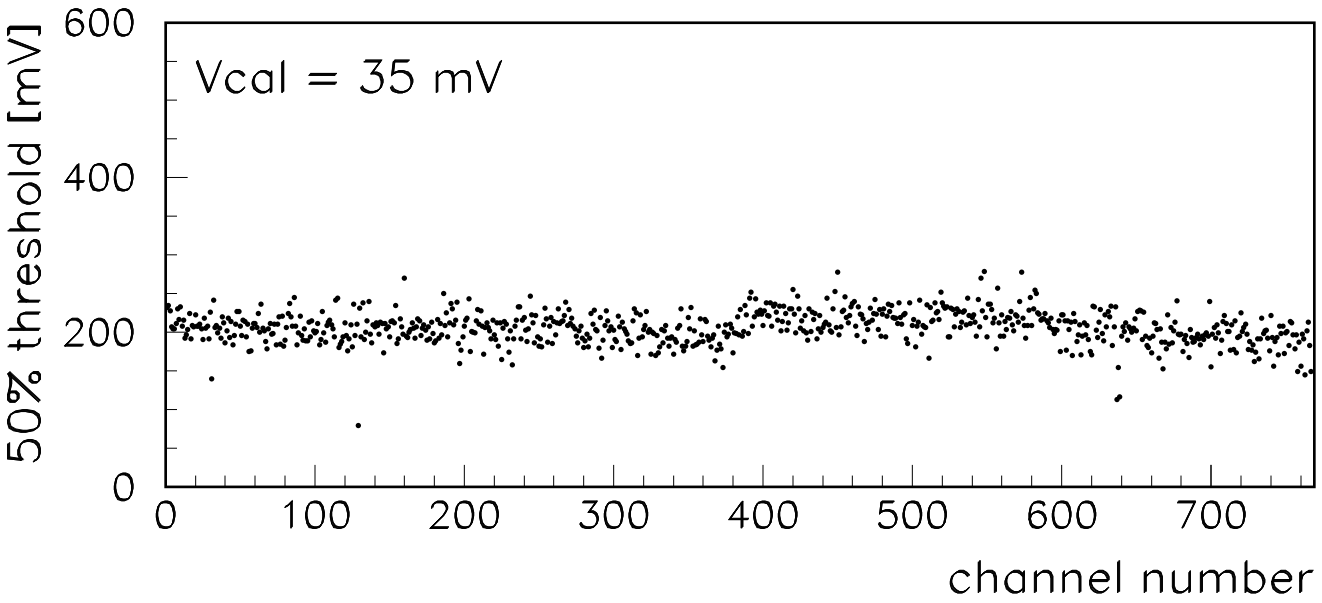


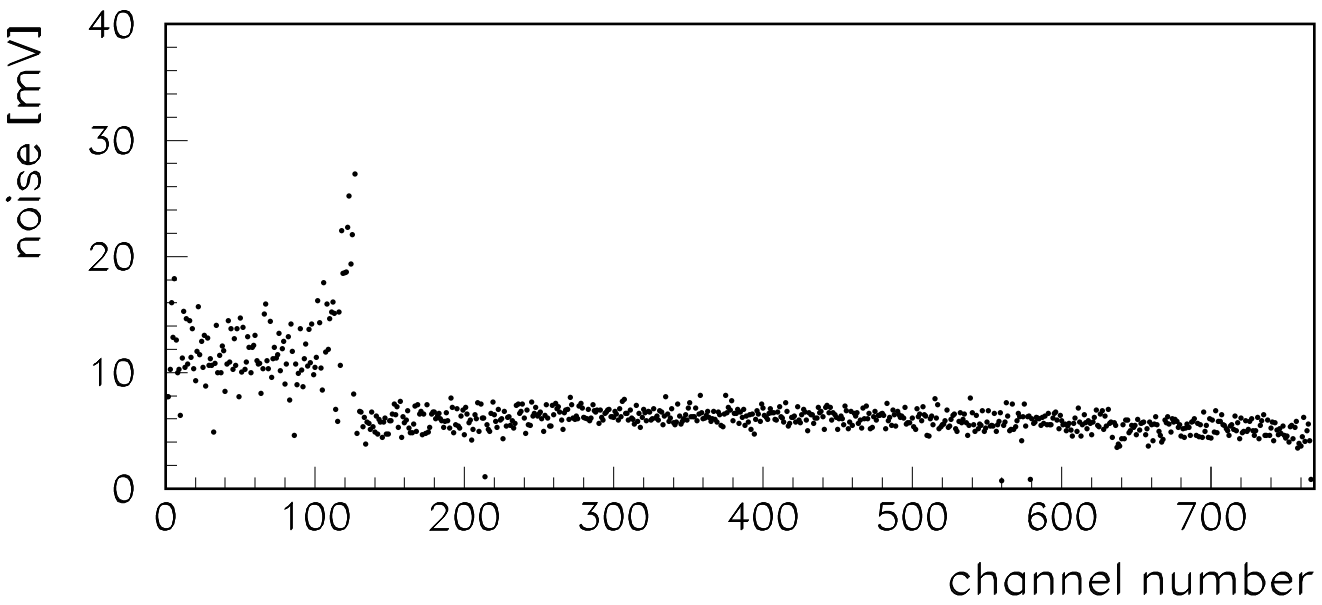


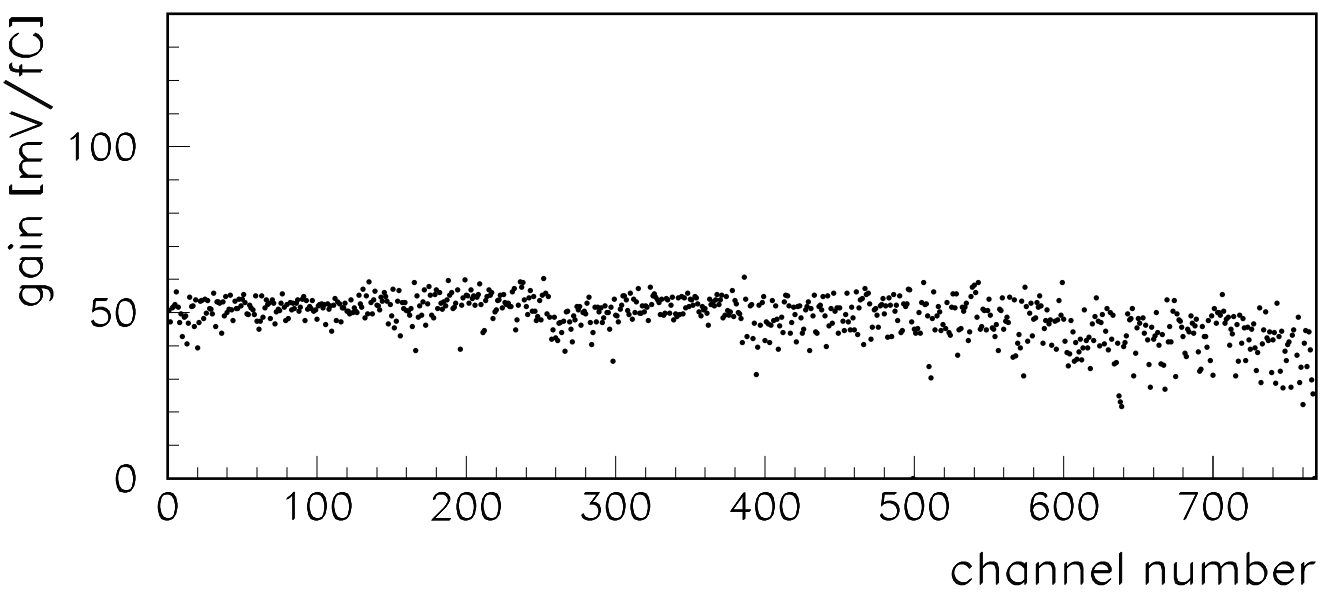




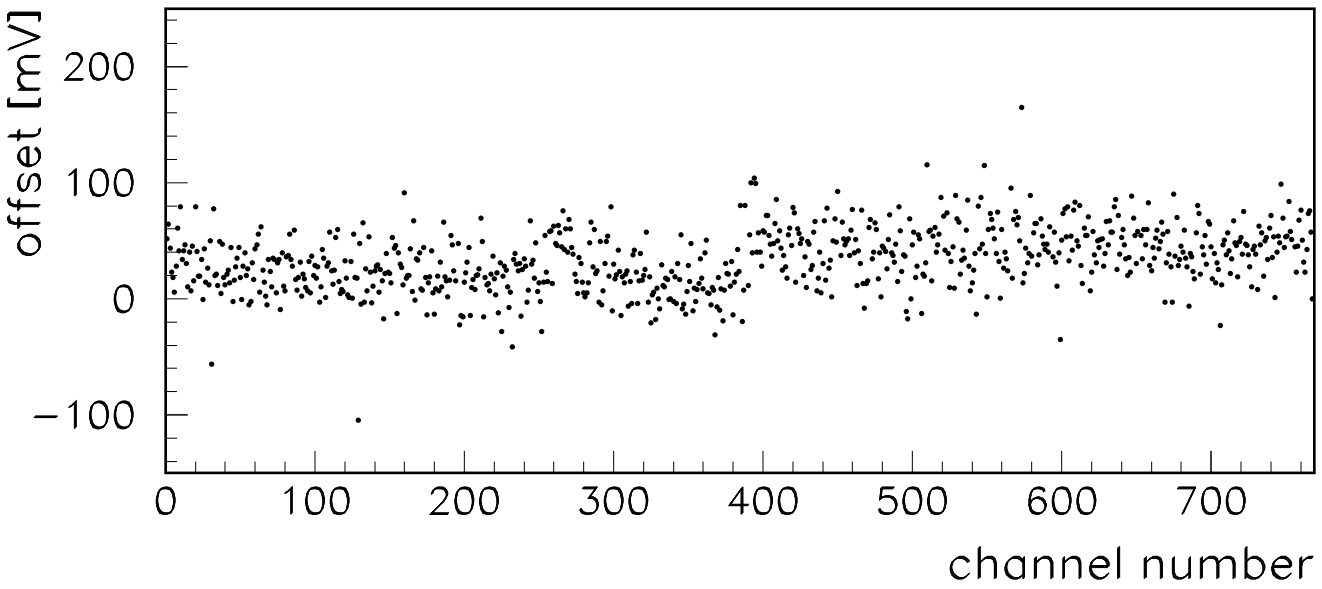
Hybrid 3, uniform settings, cold

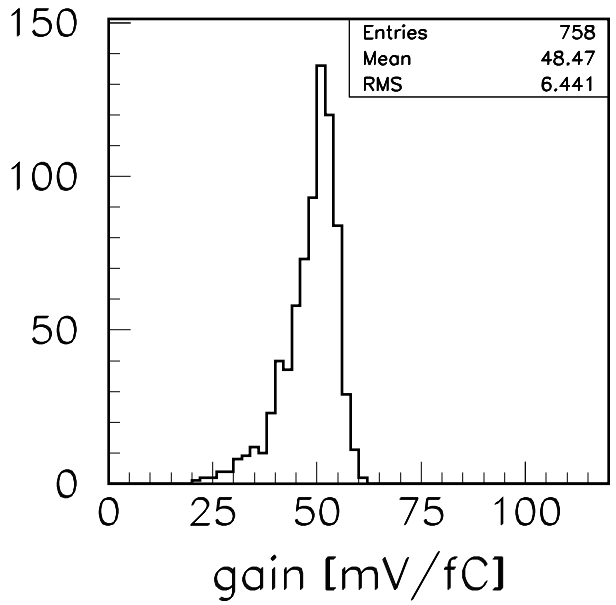


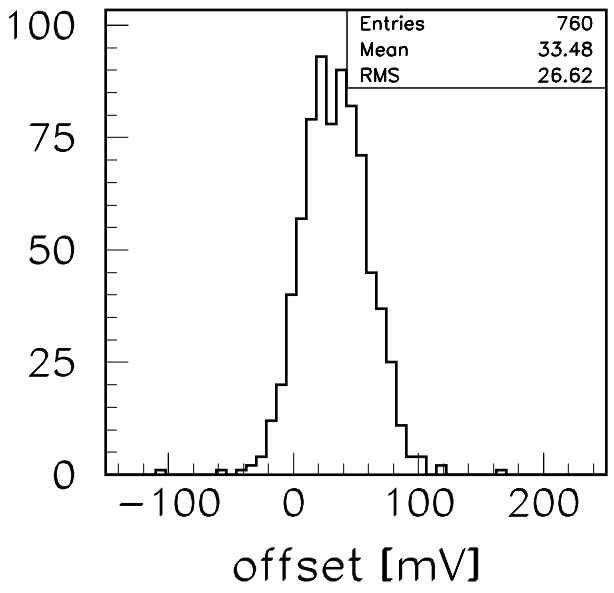


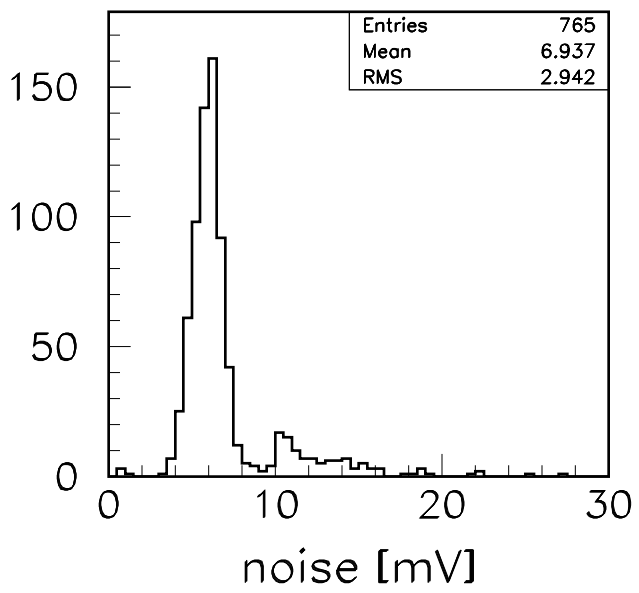


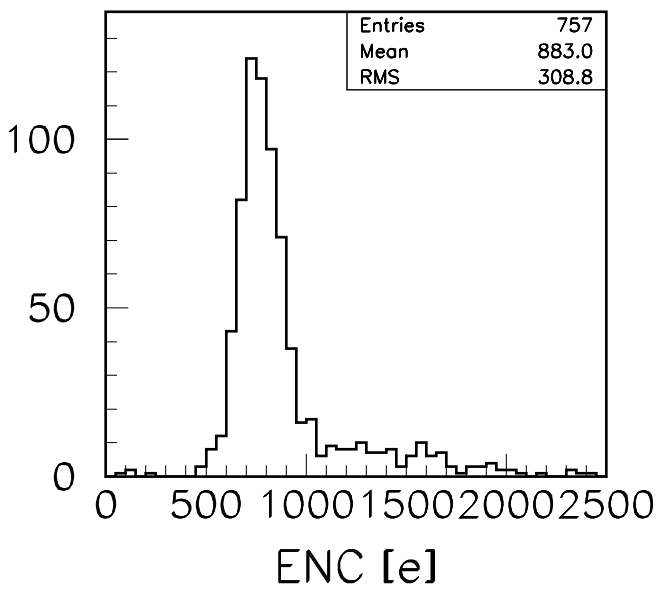
Hybrid 3, uniform settings, cold



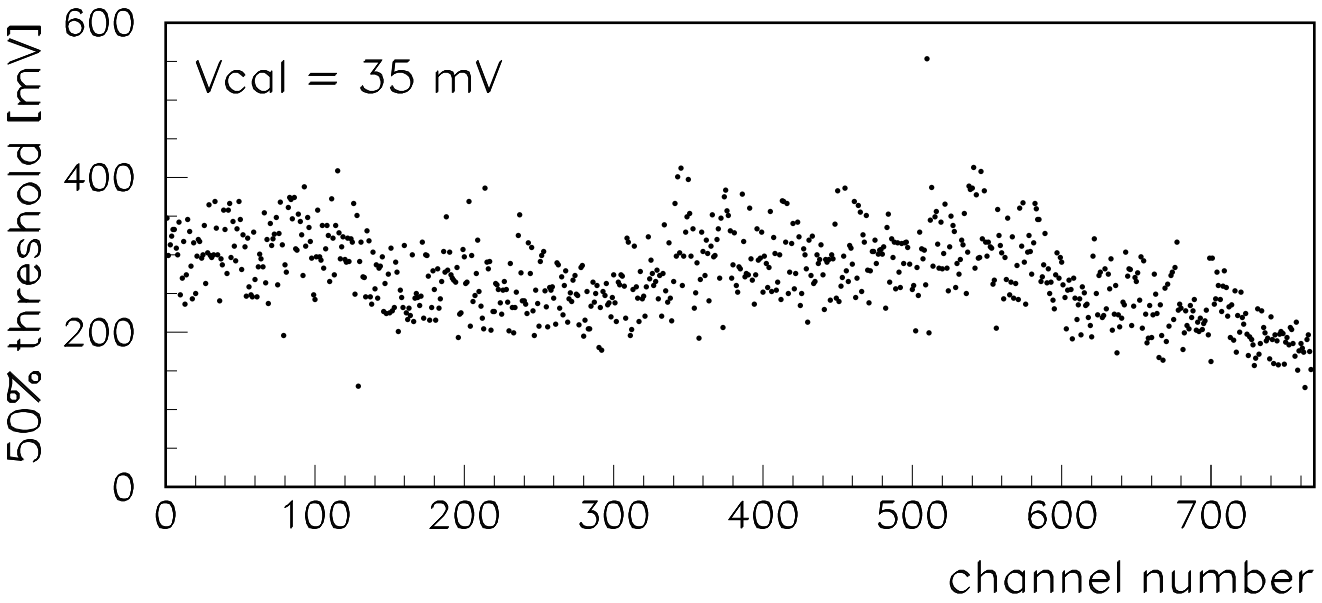


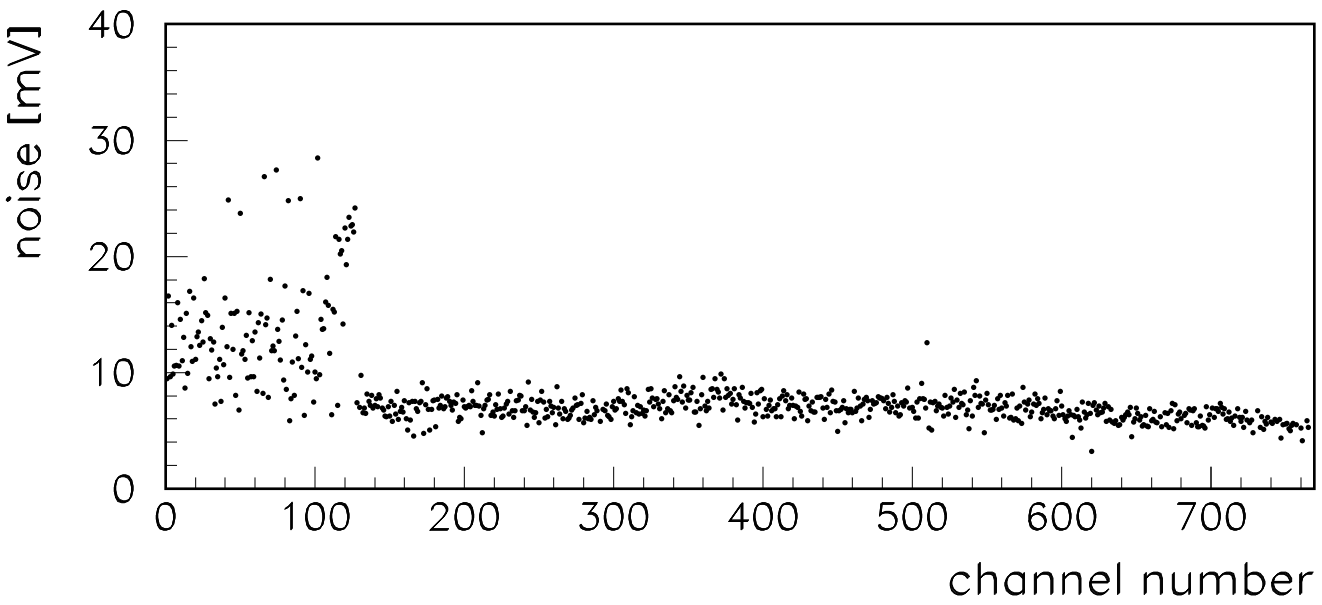


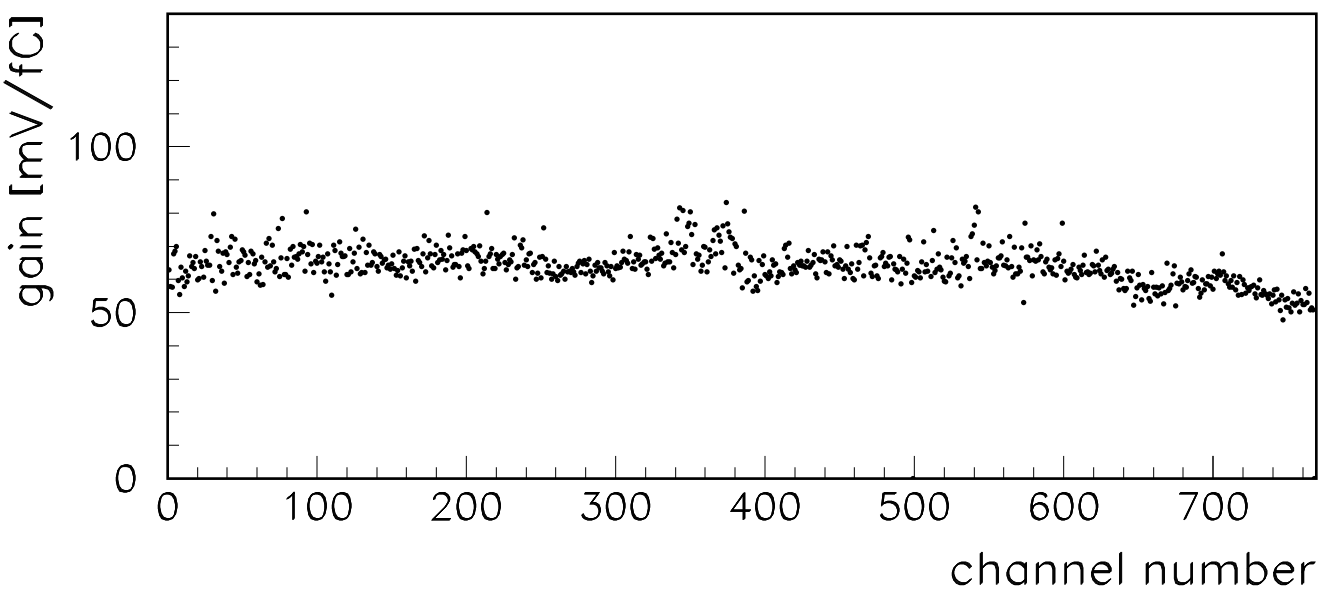




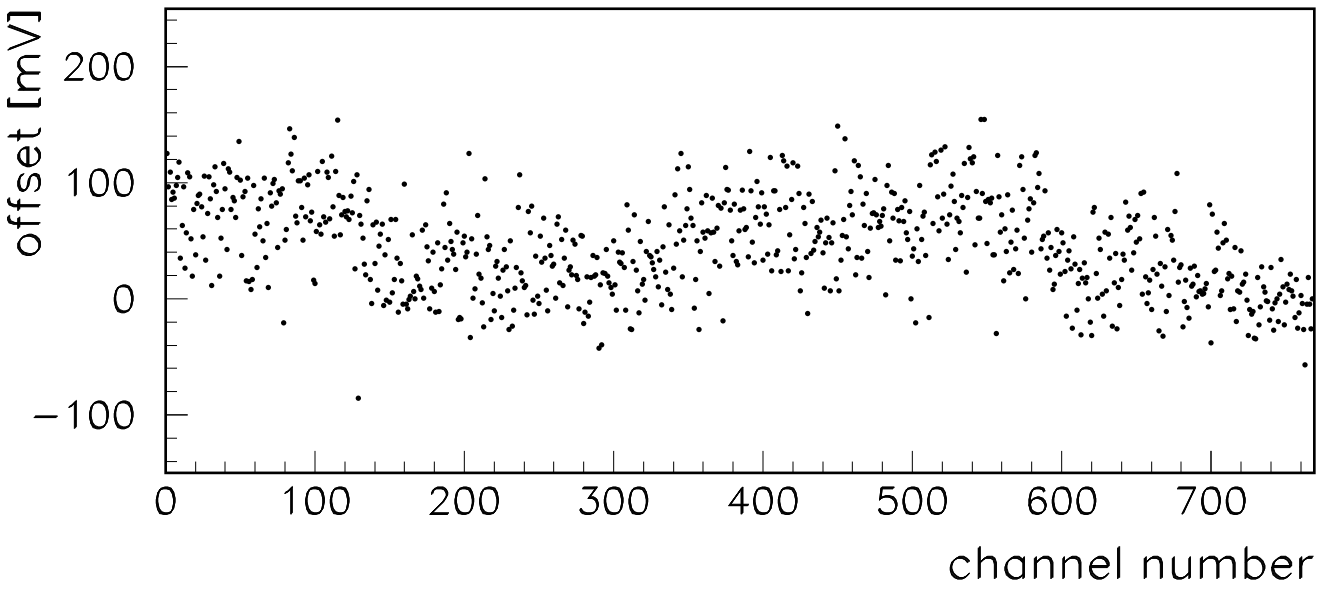
Hybrid 3, max. FE bias, warm

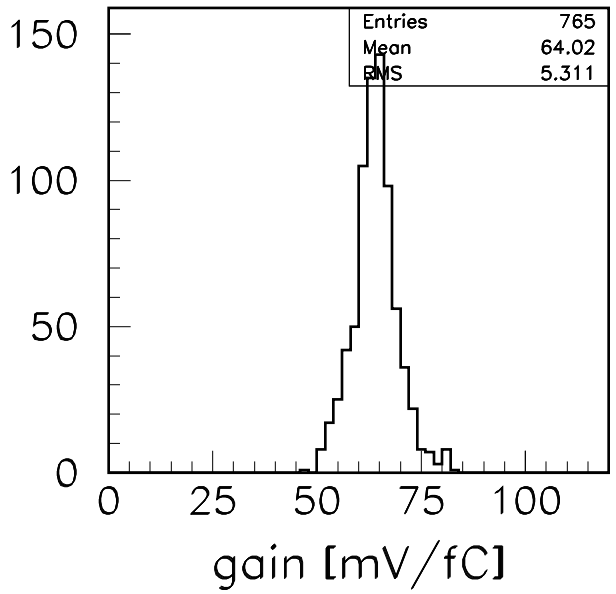


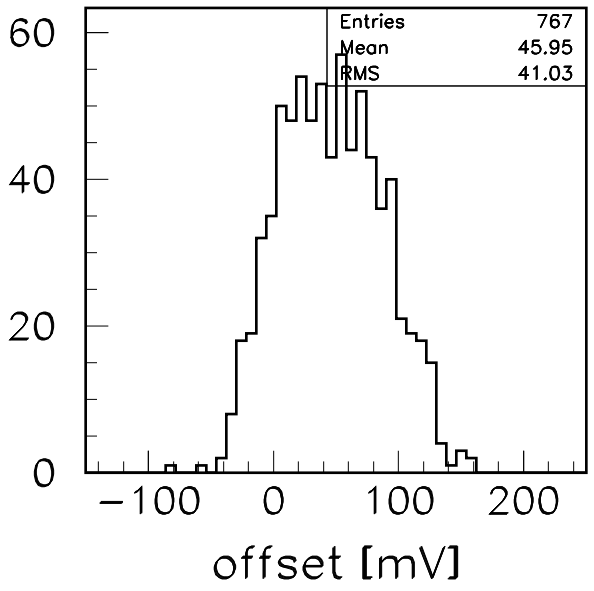


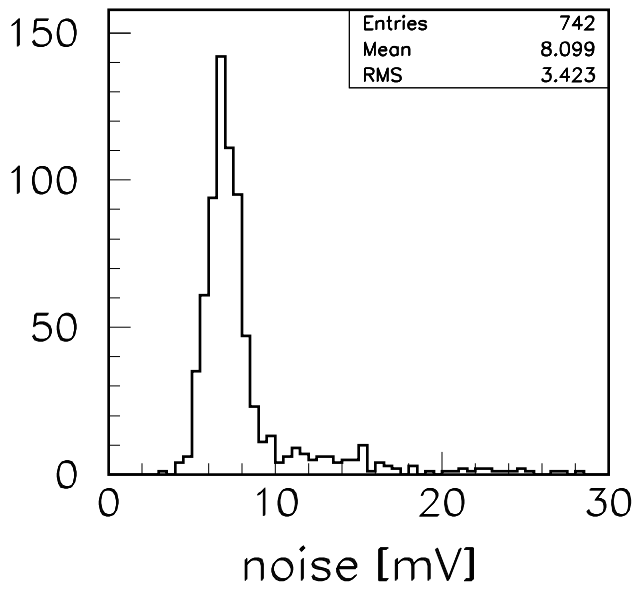


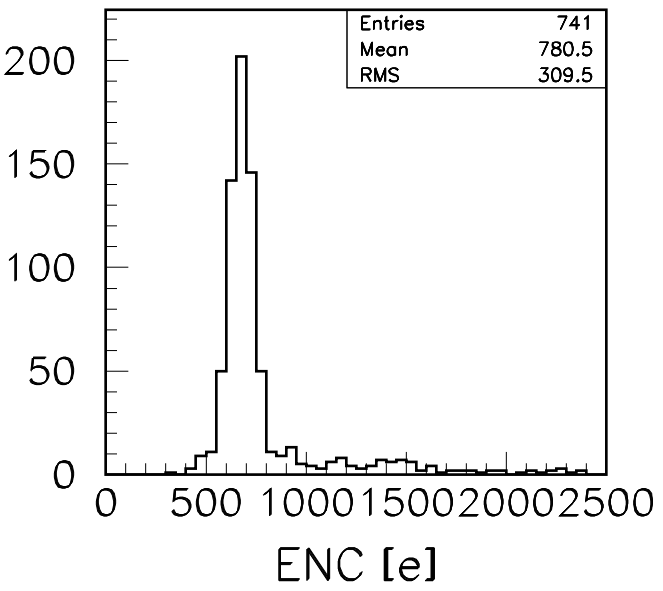
Hybrid 3, max. FE bias, warm



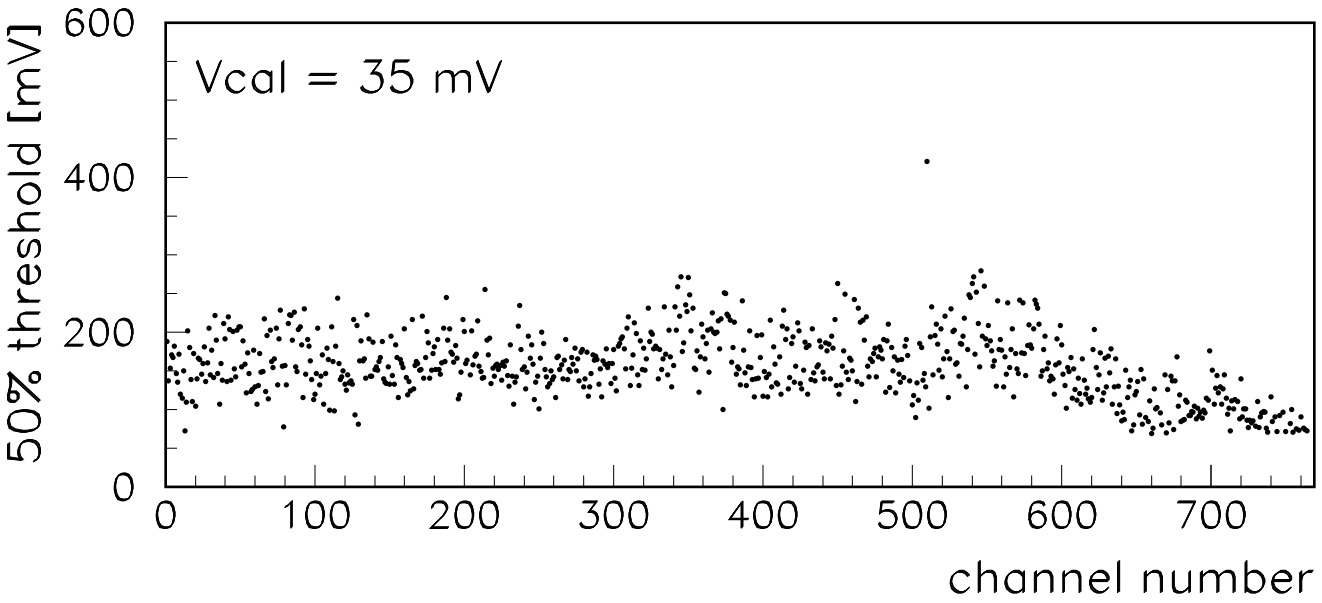


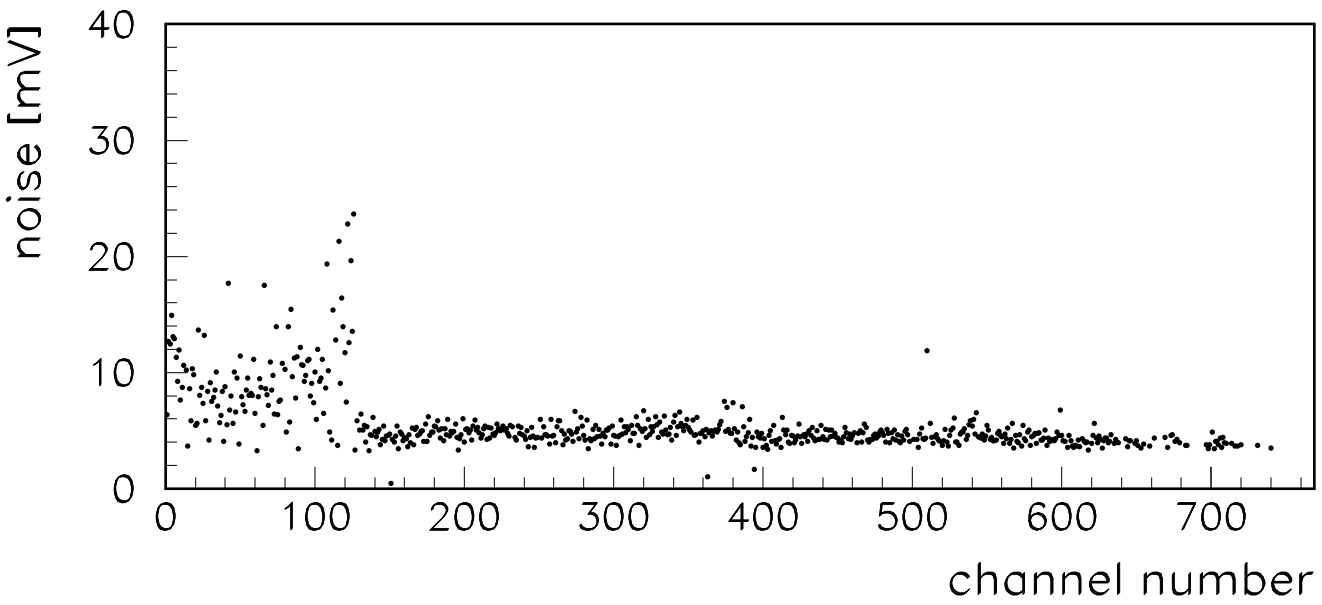


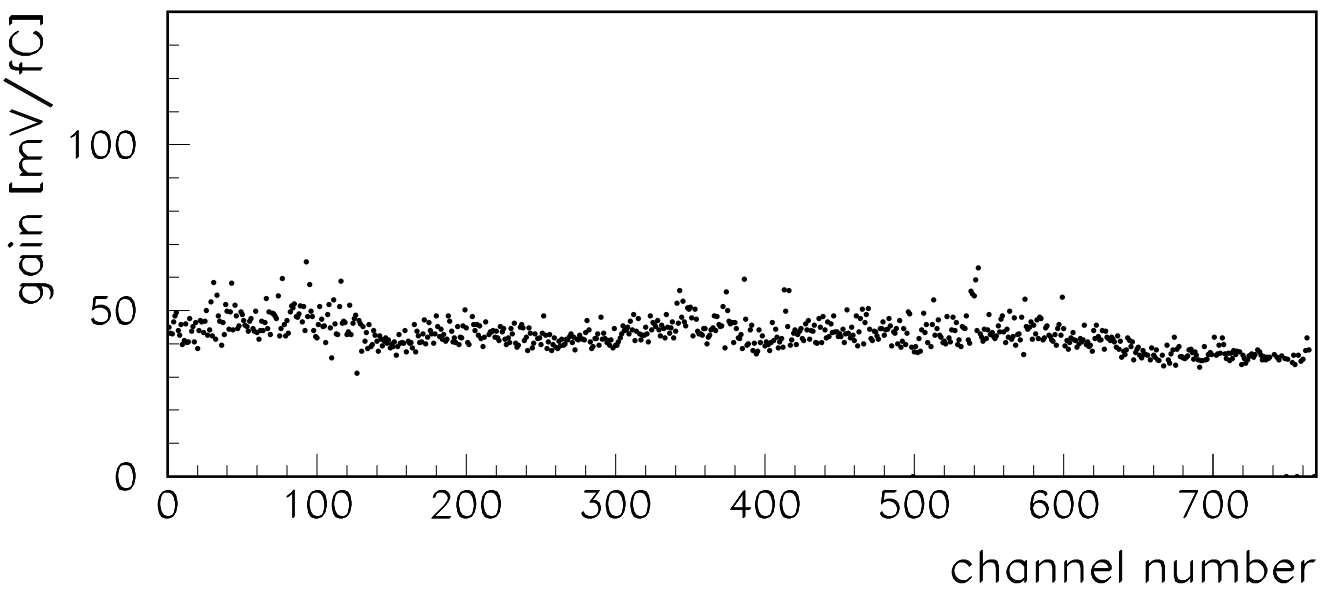




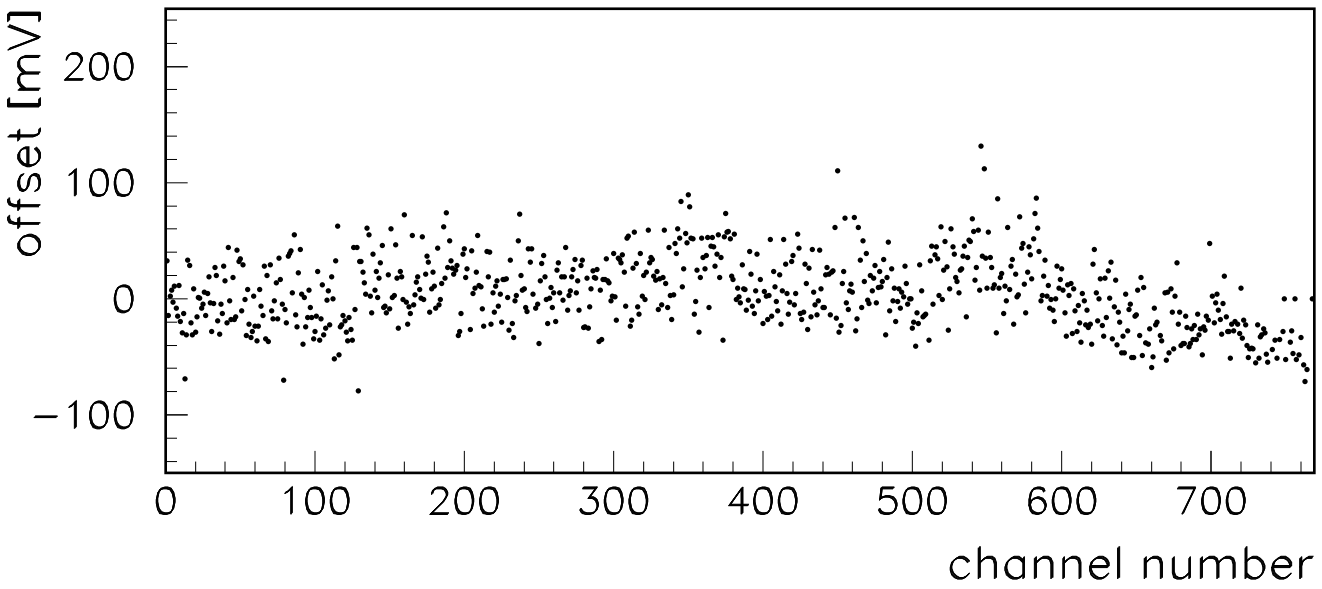
Hybrid 3, max. FE bias, cold

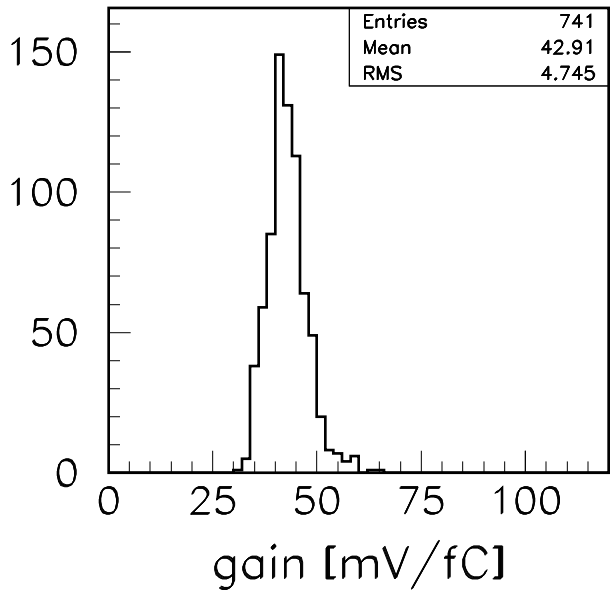


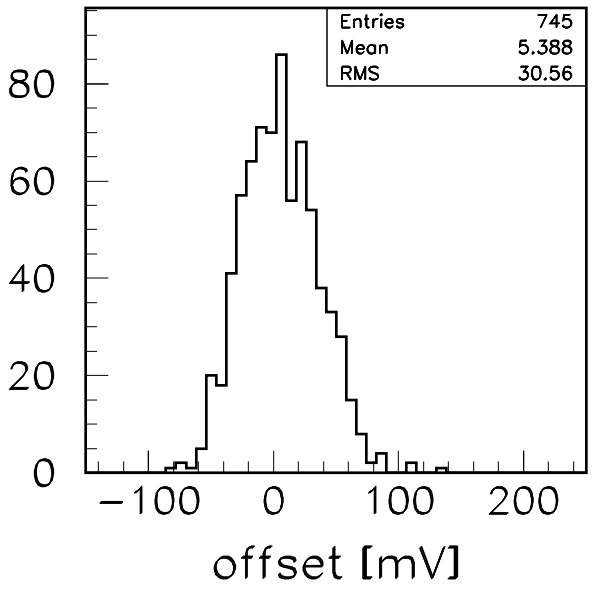


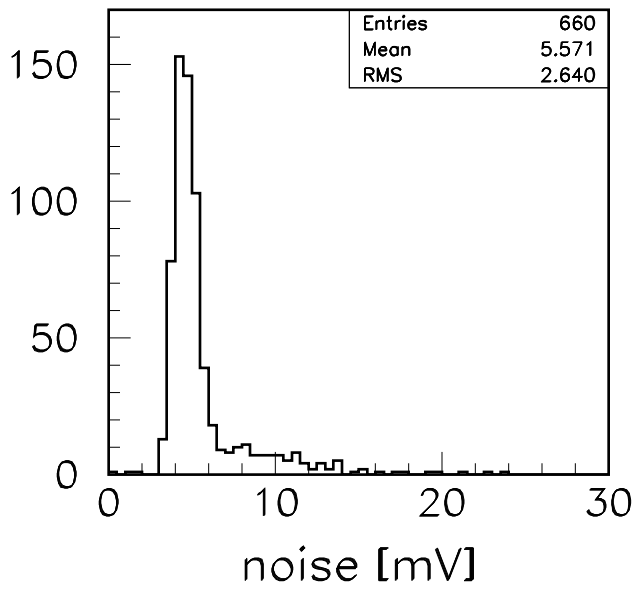


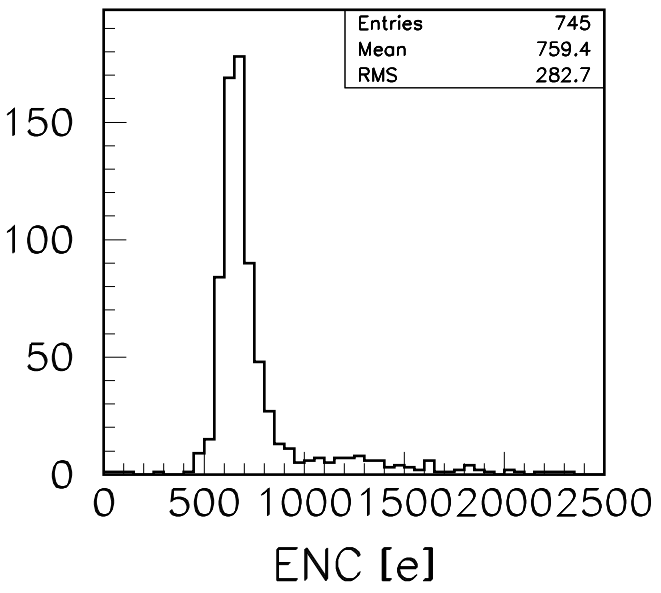
Hybrid 3, max. FE bias, cold



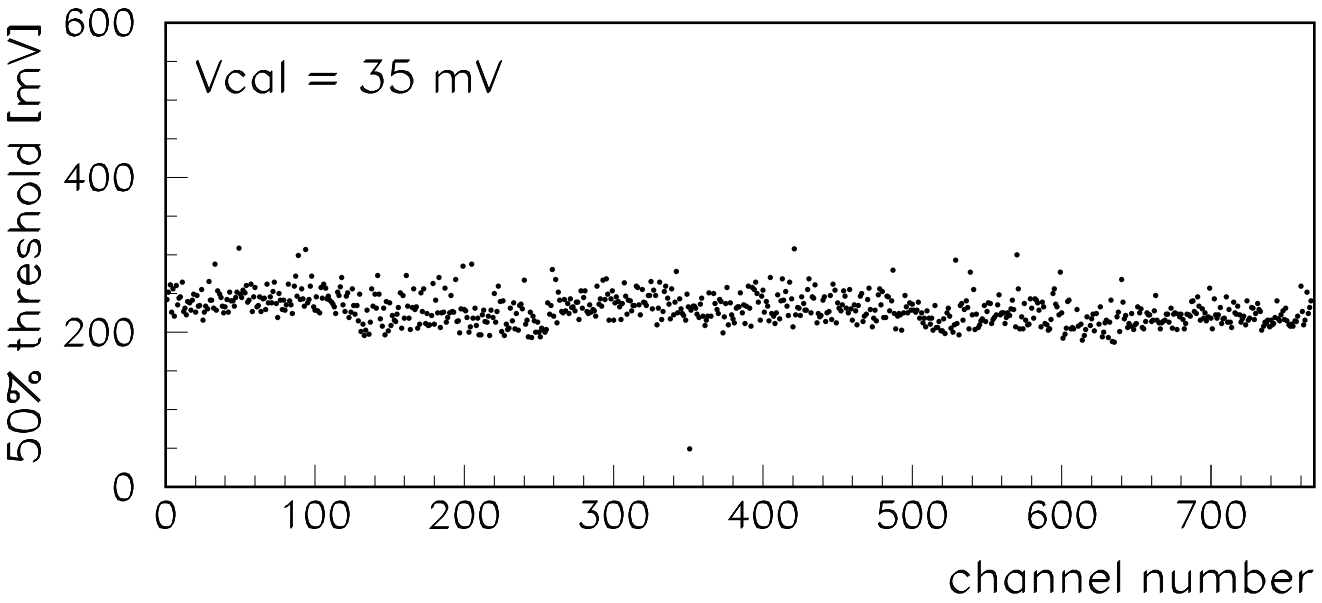


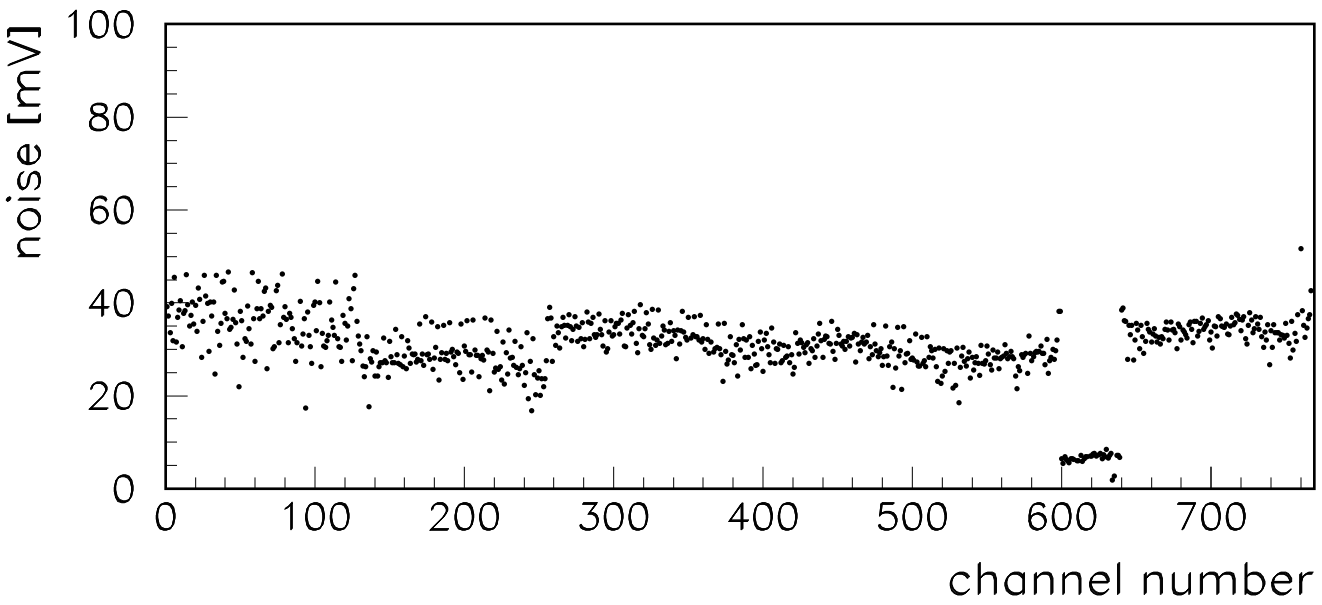


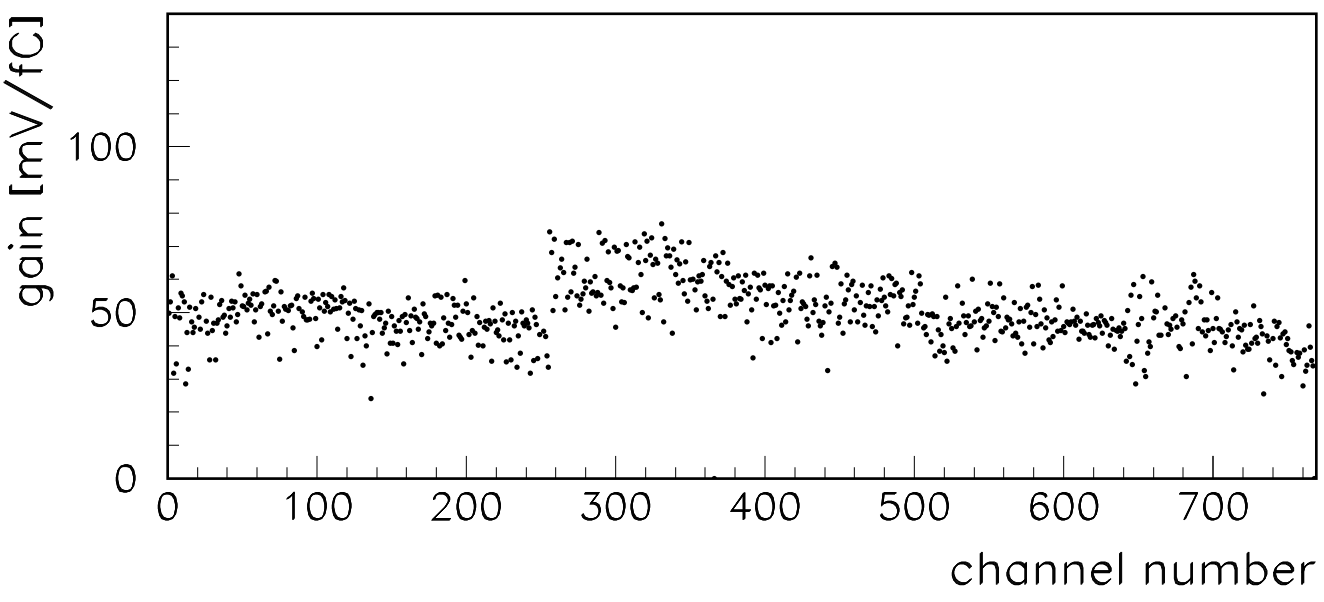




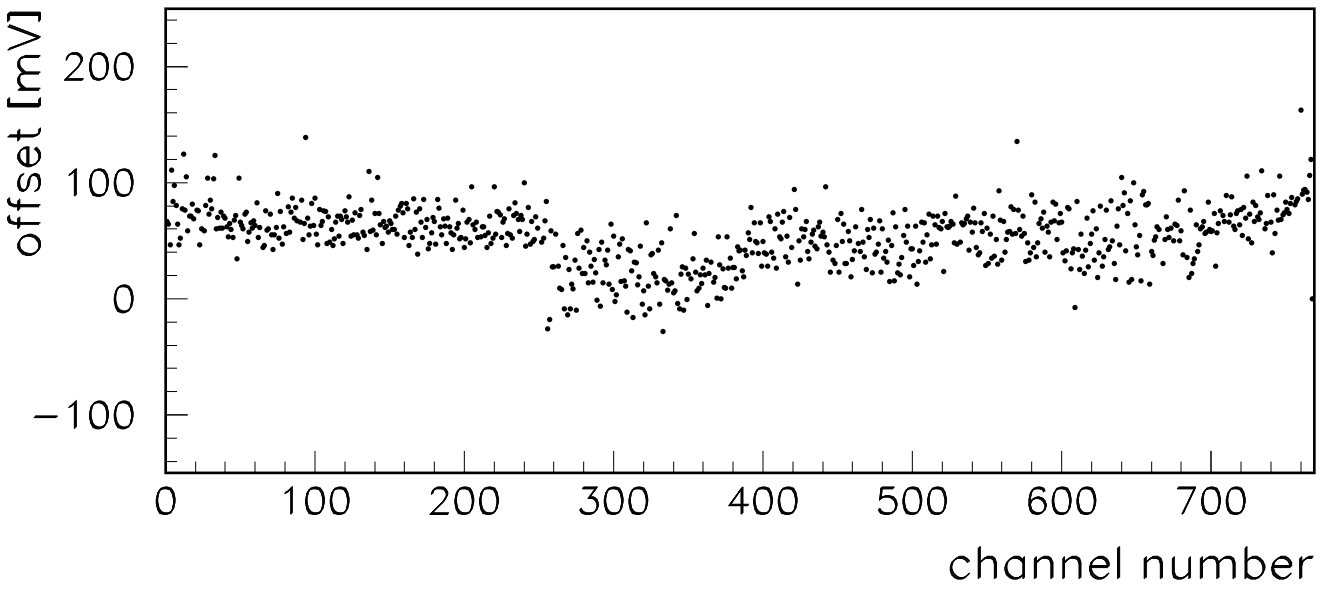
Module M1, warm

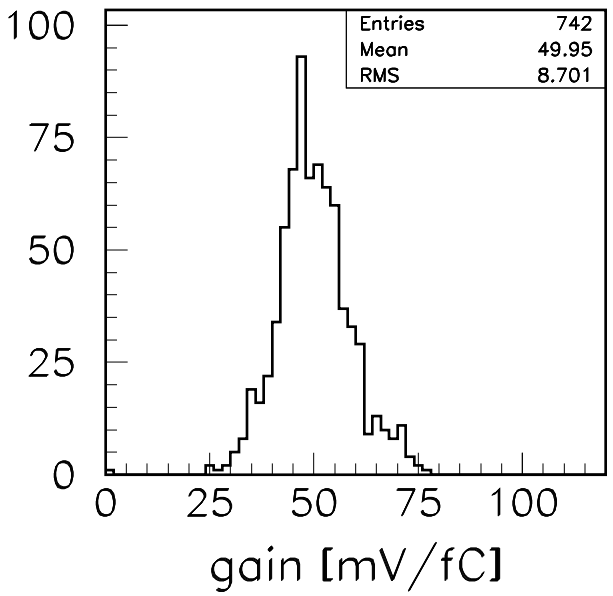


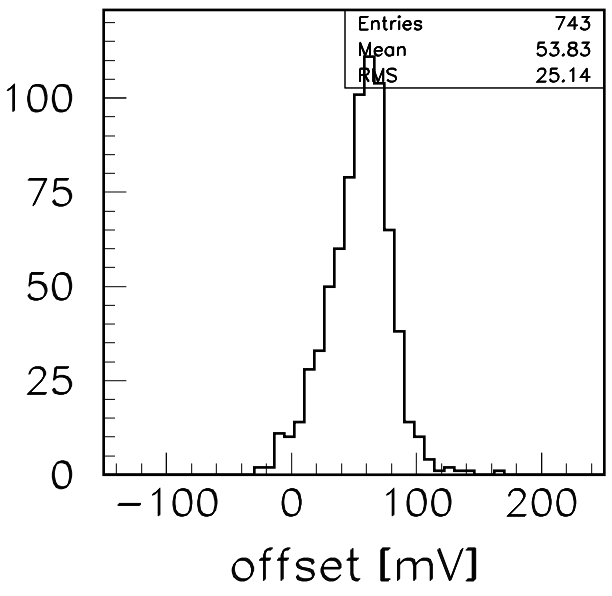


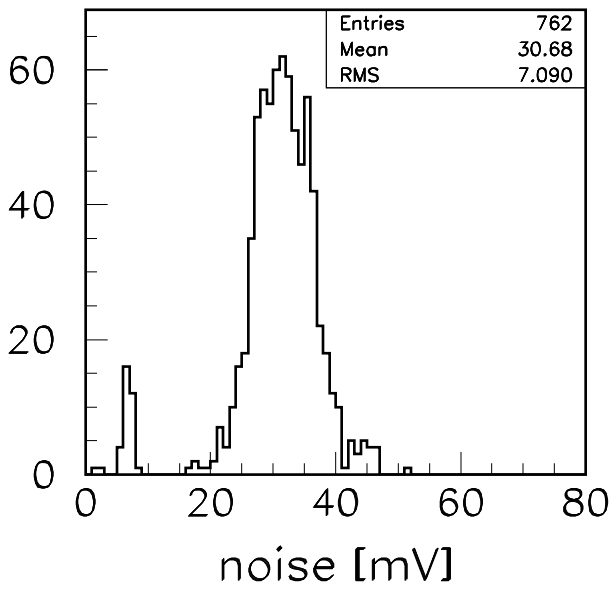


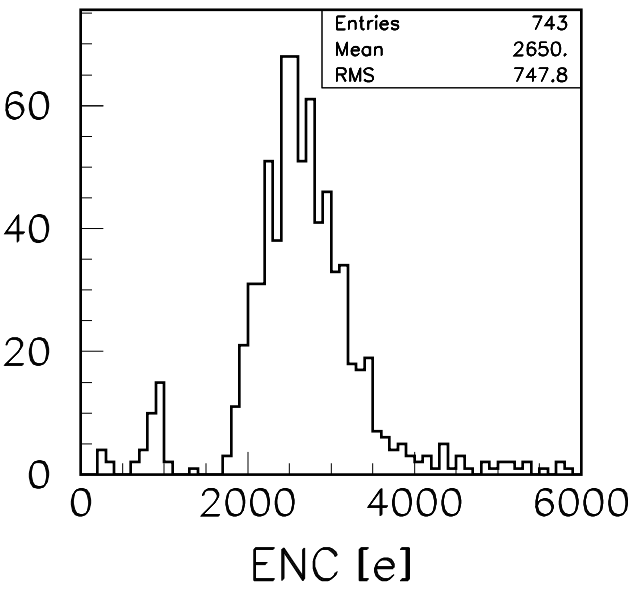
Module M1, warm

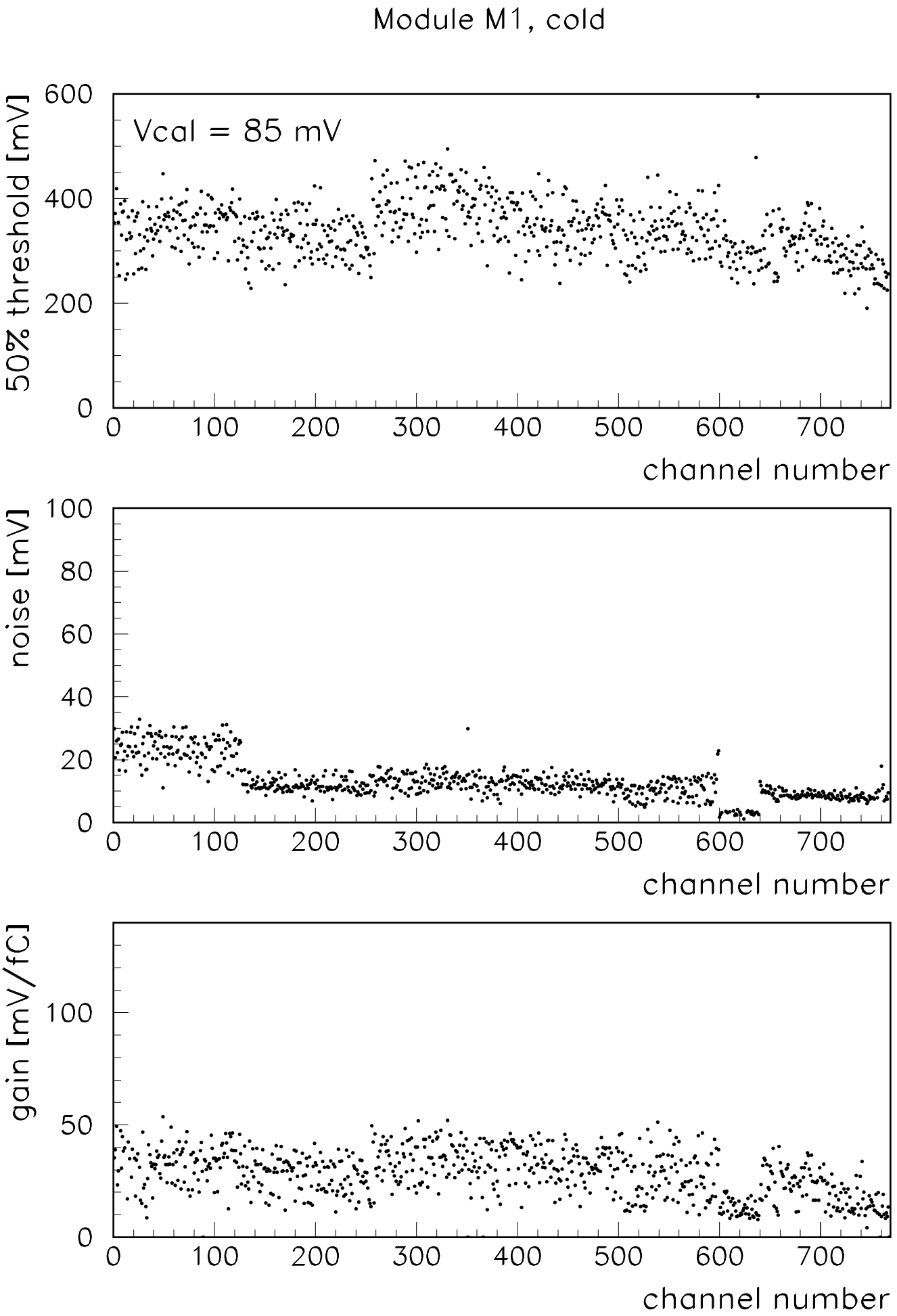




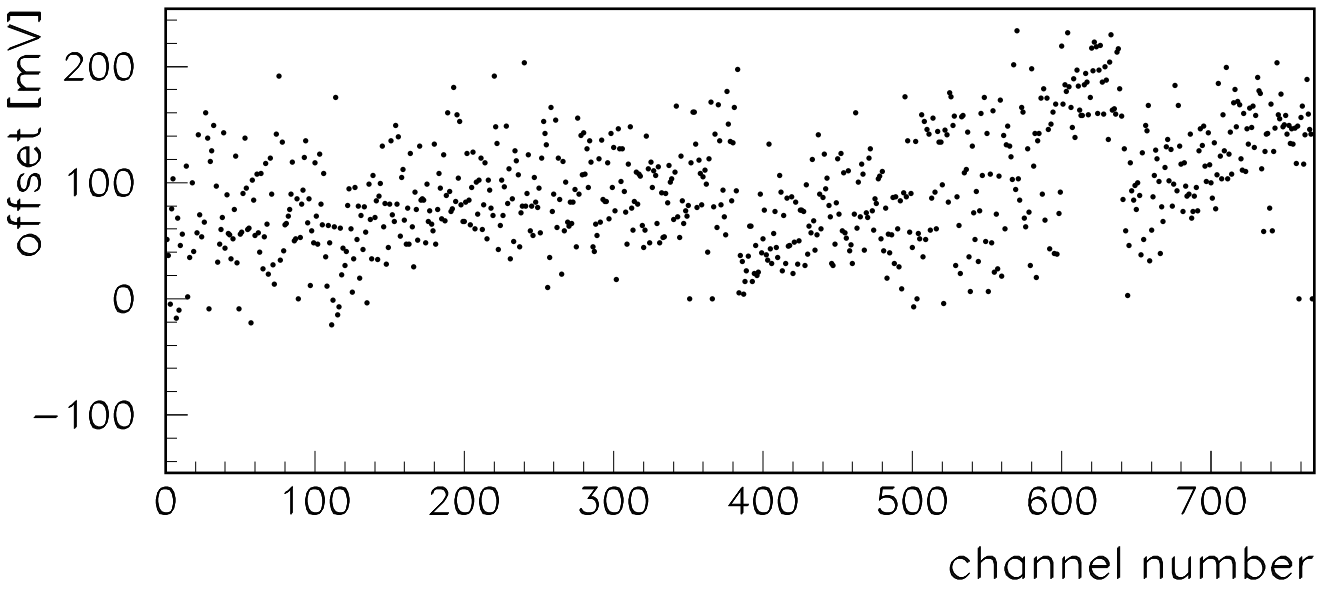


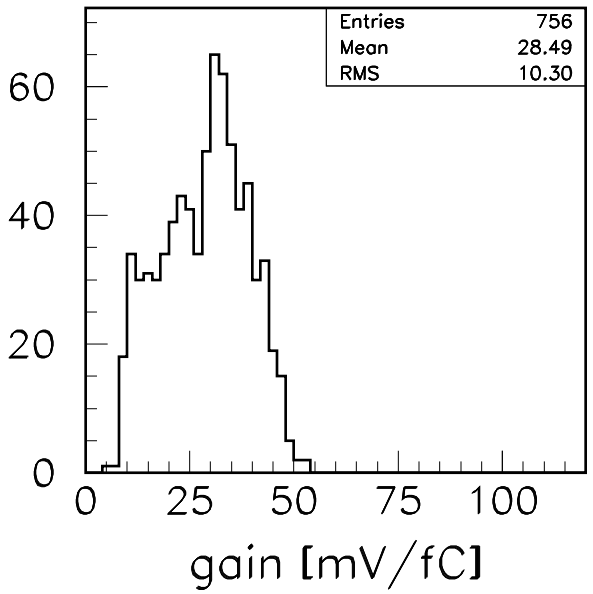


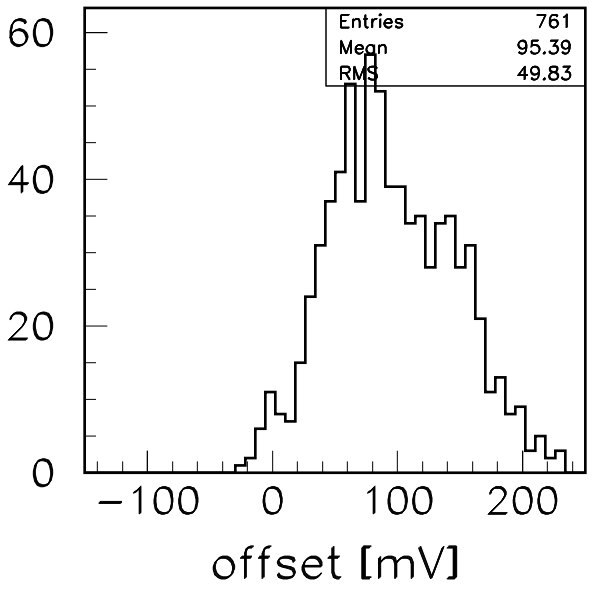


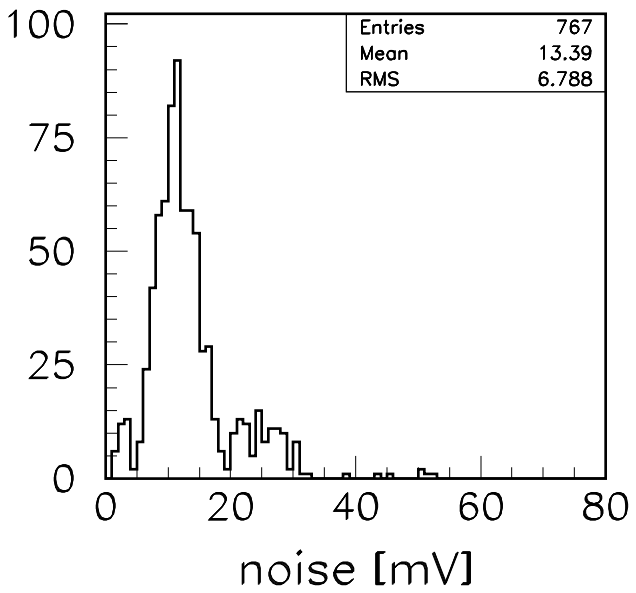

Module M1, cold
Vcal = 85 mV
50% threshold [mV]
0
200
400
600
0
100
200
300
400
500
600
700
channel number
noise [mV]
0
20
40
60
80
100
0
100
200
300
400
500
600
700
channel number
gain [mV/fC]
0
50
100
0
100
200
300
400
500
600
700
channel number

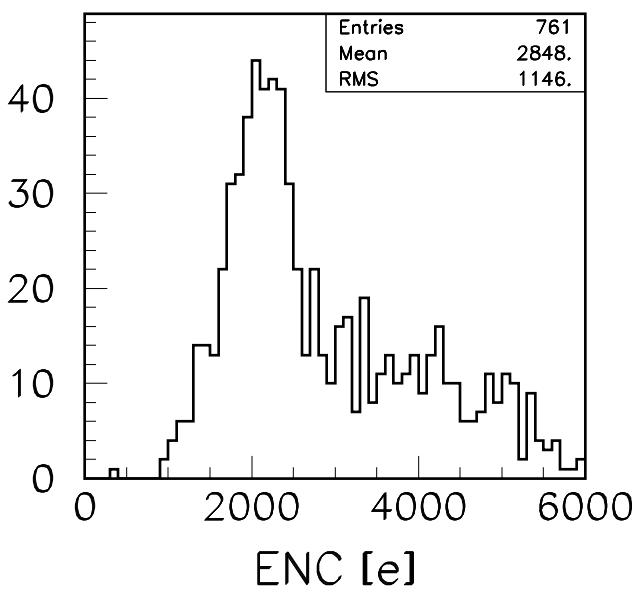
Module M1, cold



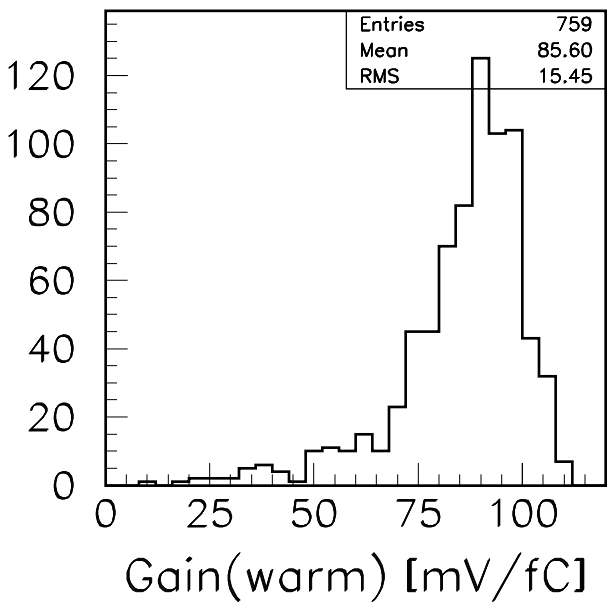


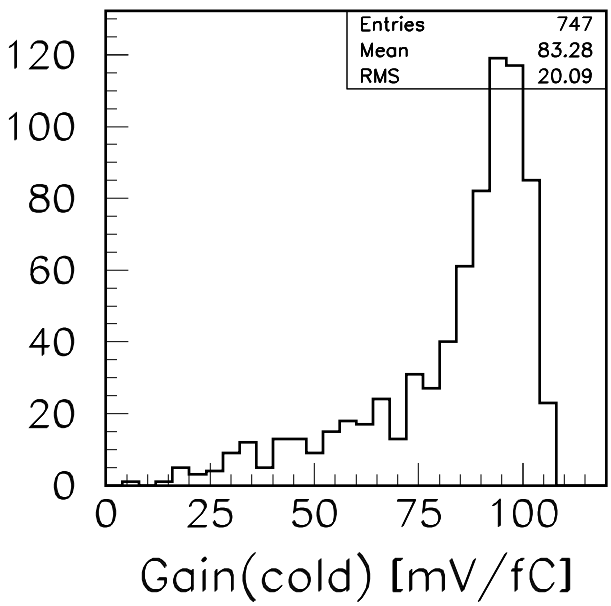


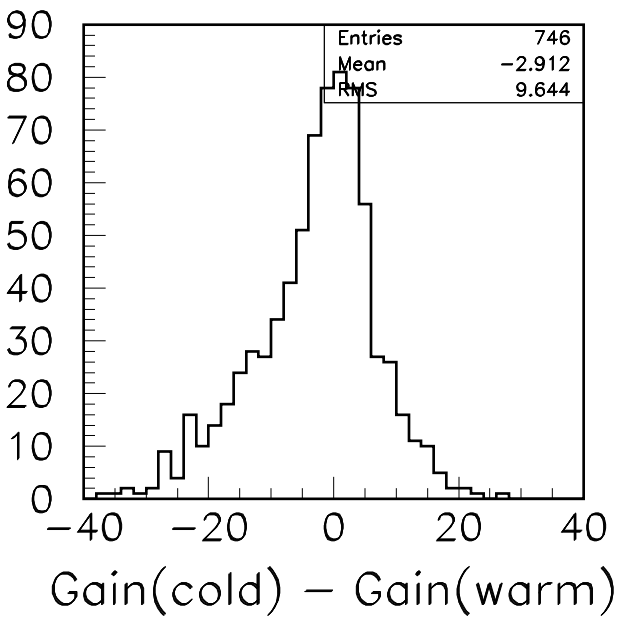


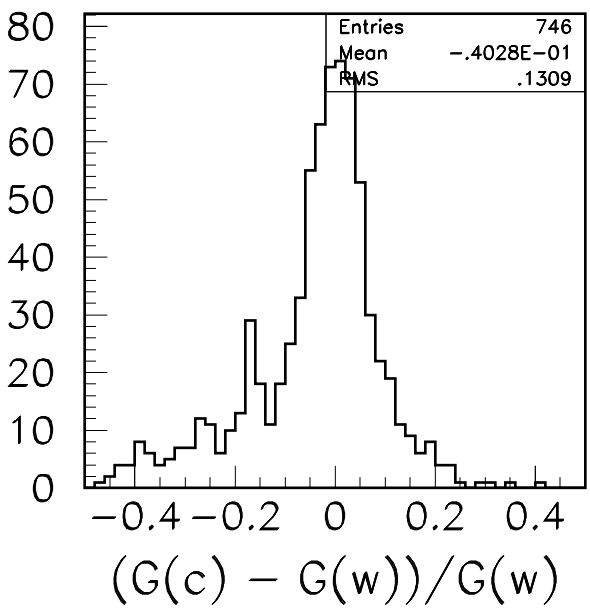


Module 1, change of gain

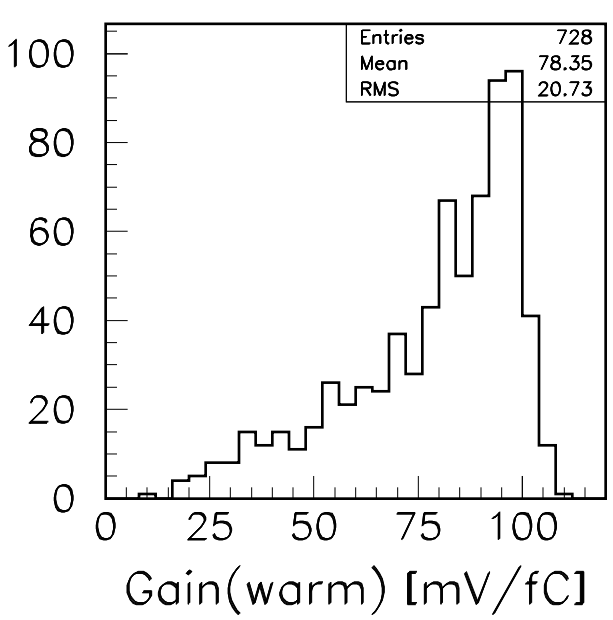


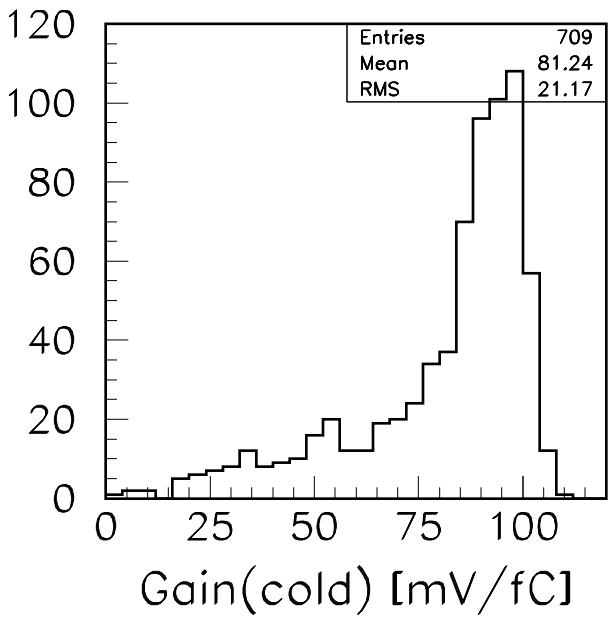


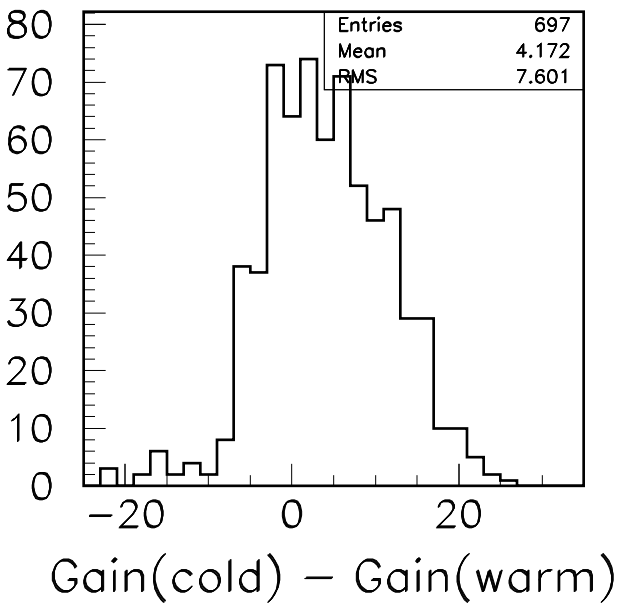


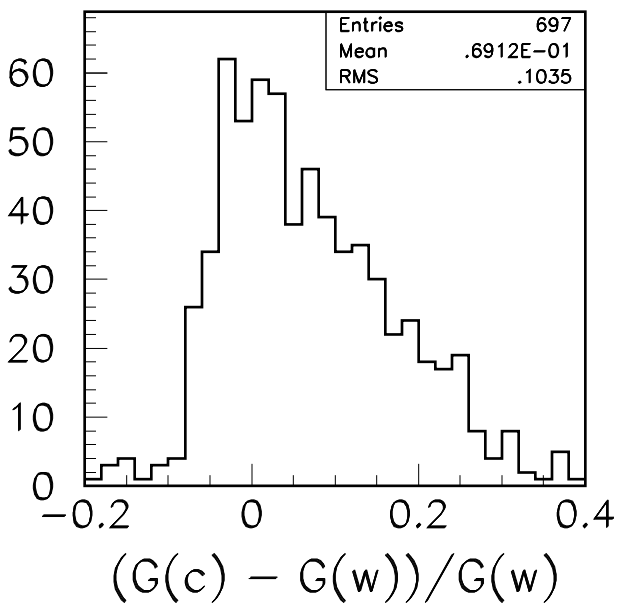


Module 2, change of gain

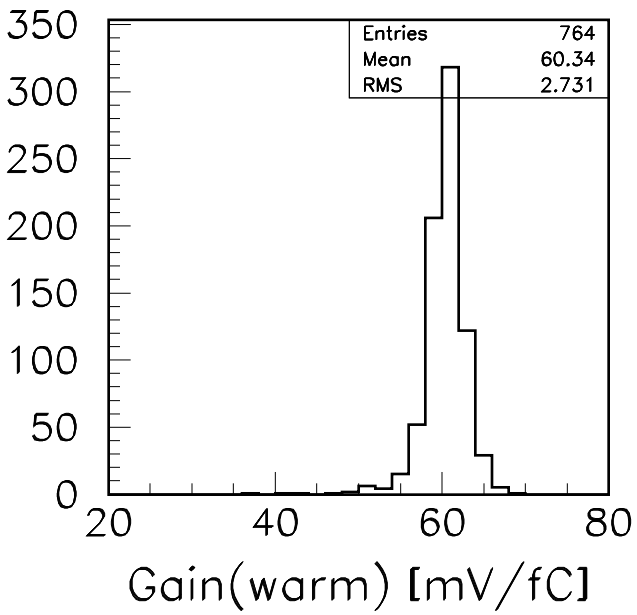


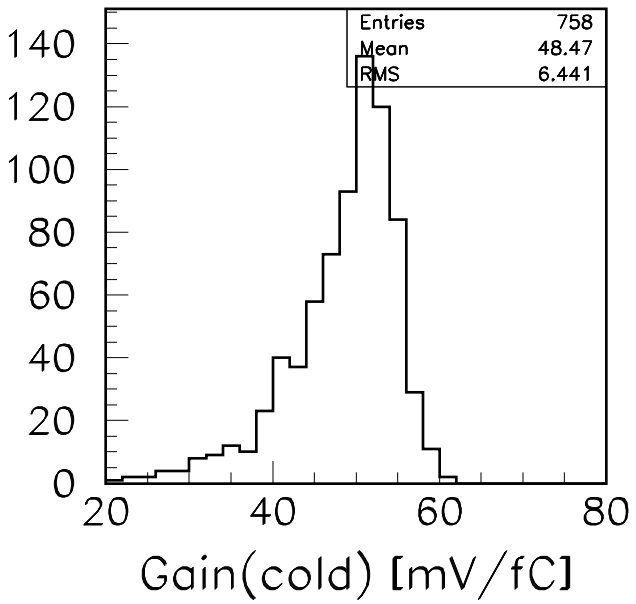


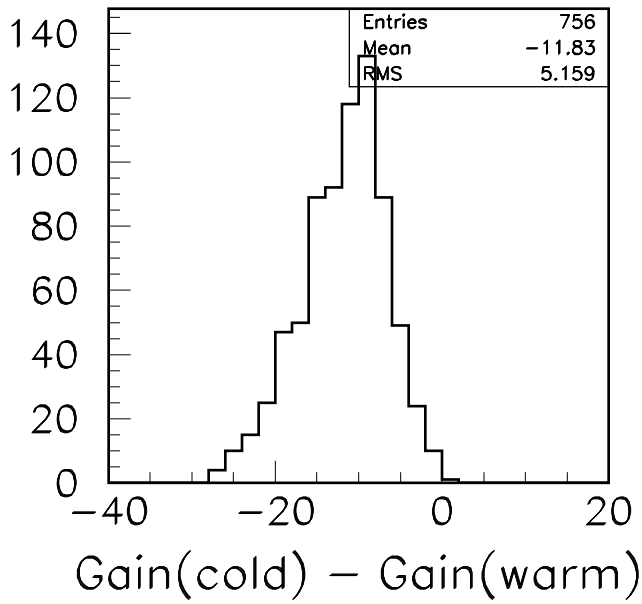


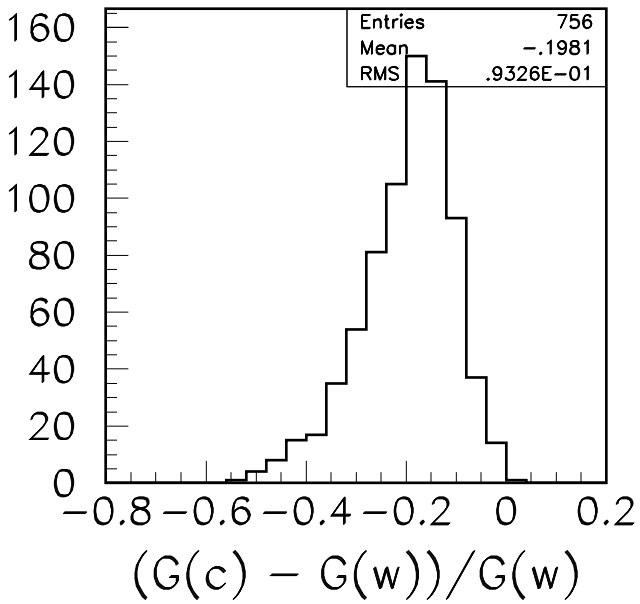


Hybrid 3, uniform settings, change of gain

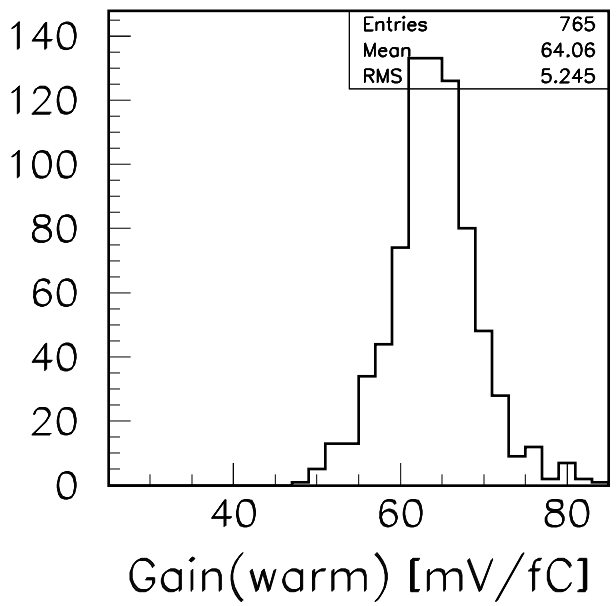


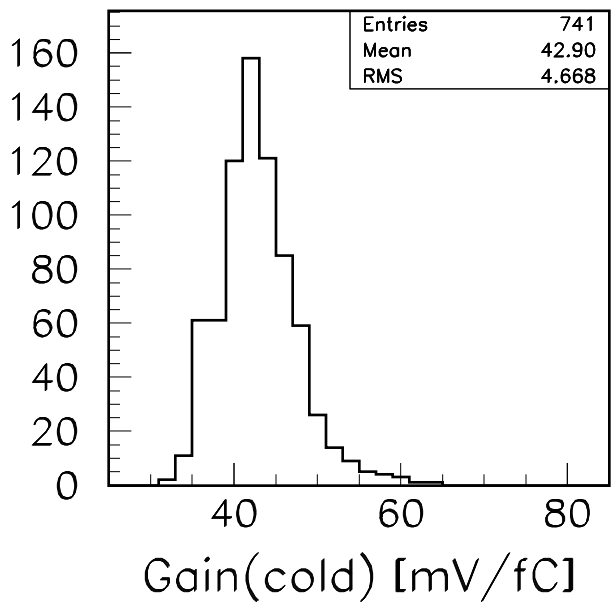


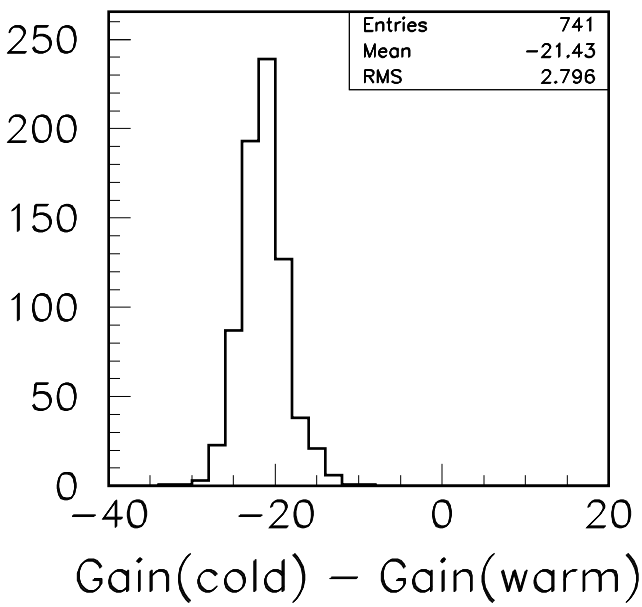


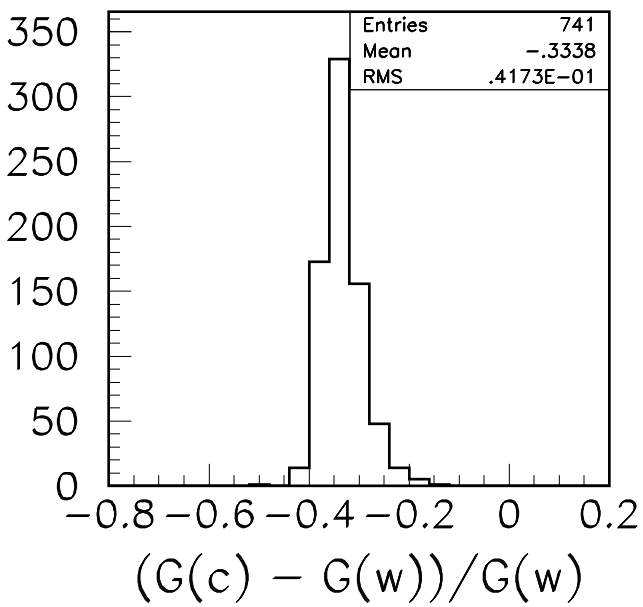
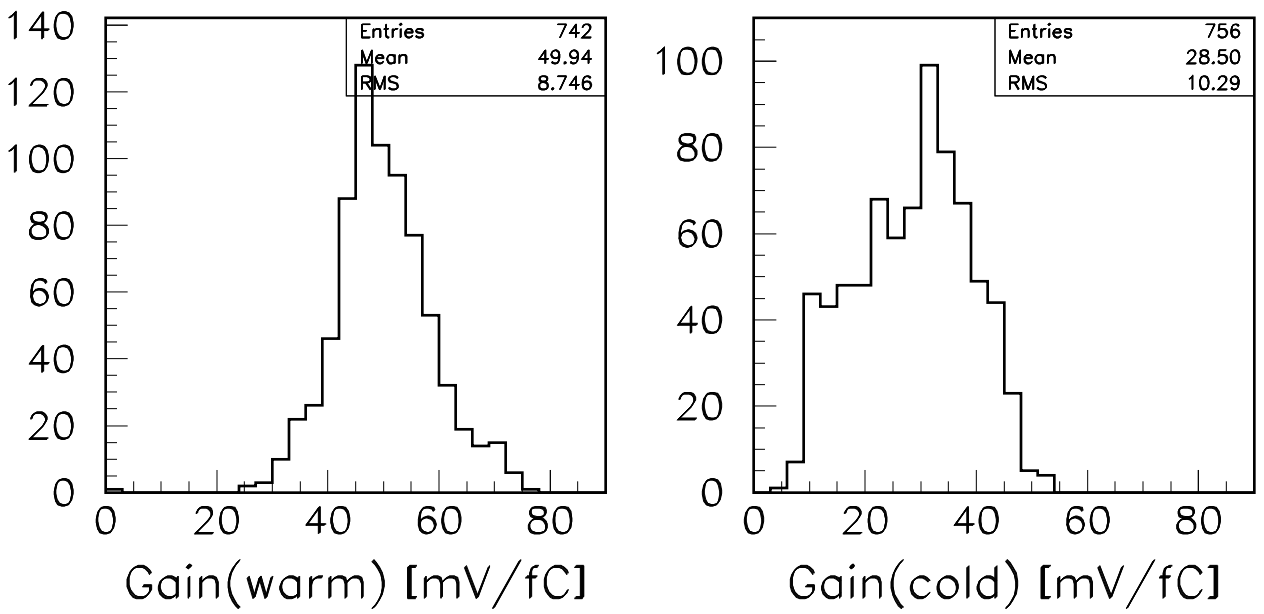
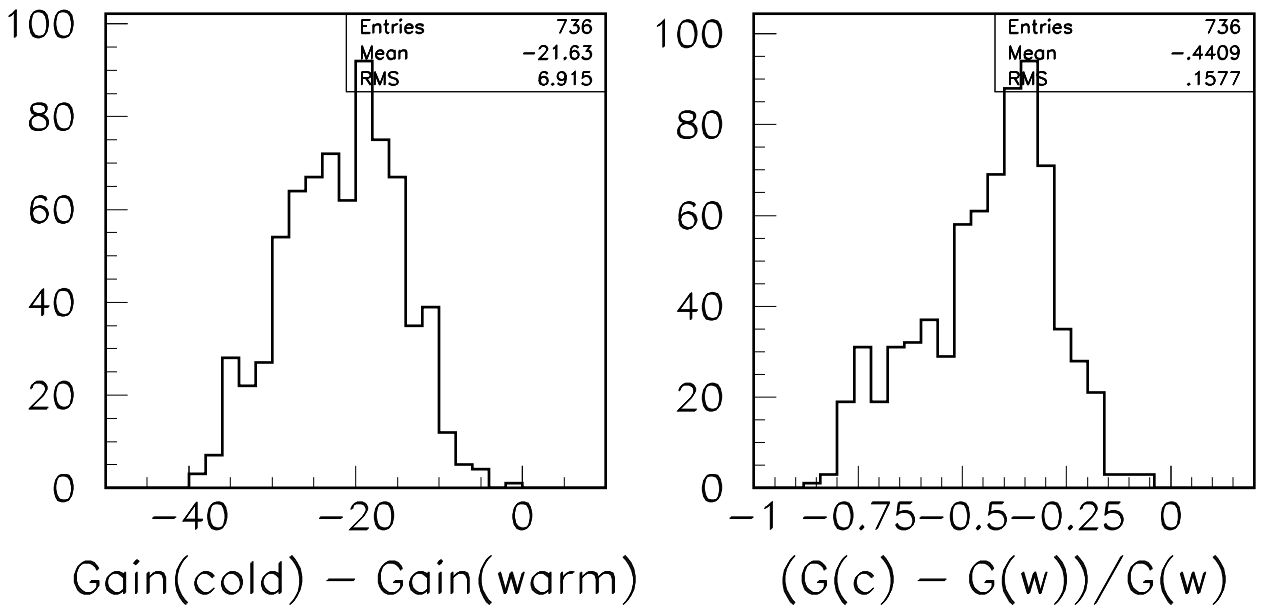


Hybrid 3, max. FE bias, change of gain









Module M1, change of gain