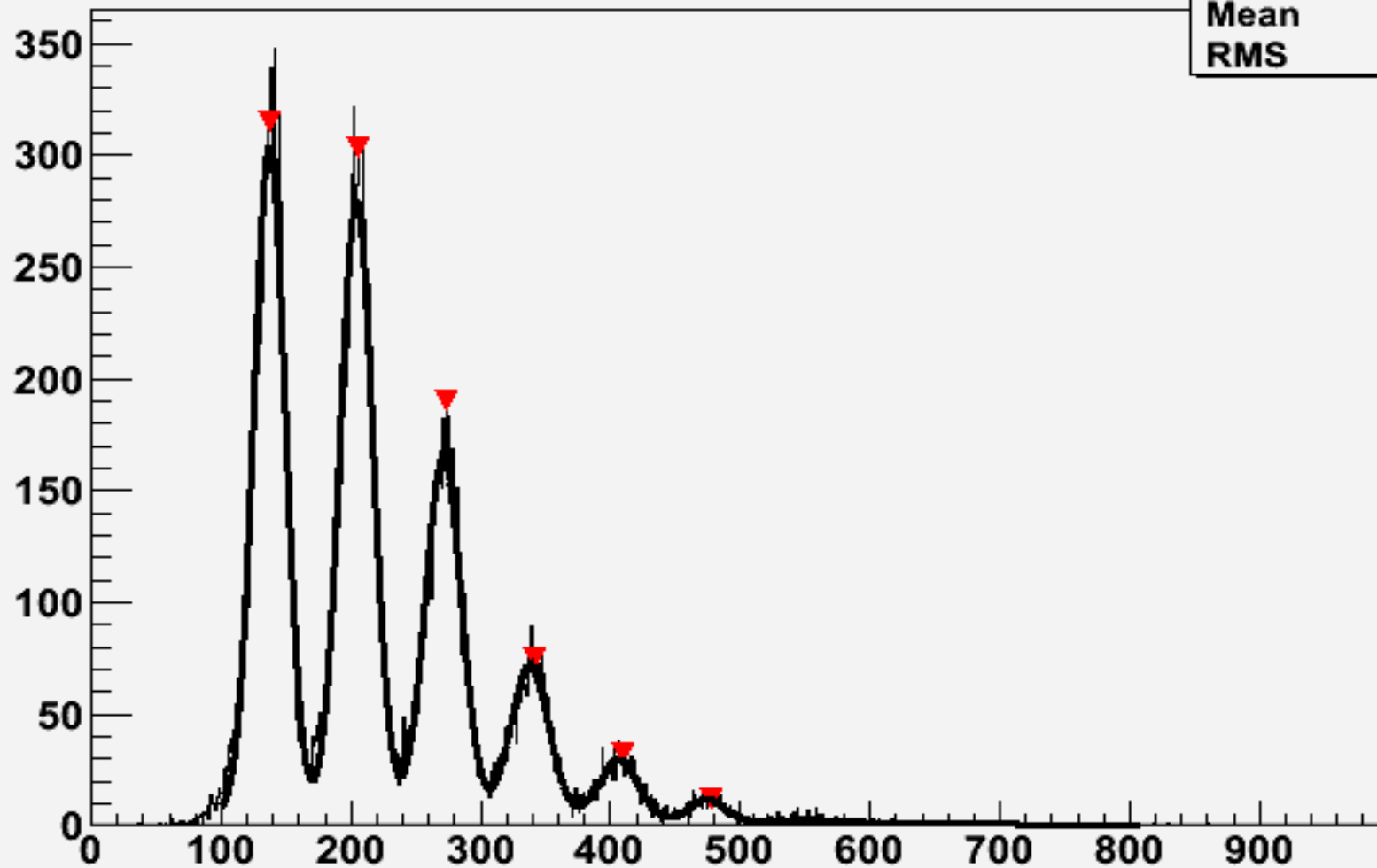


$\chi^2=1.33$  gain=67.02 cross\_talk=0.17

hist_addr0_ch11_volt15	
Entries	30000
Mean	224.4
RMS	91.19

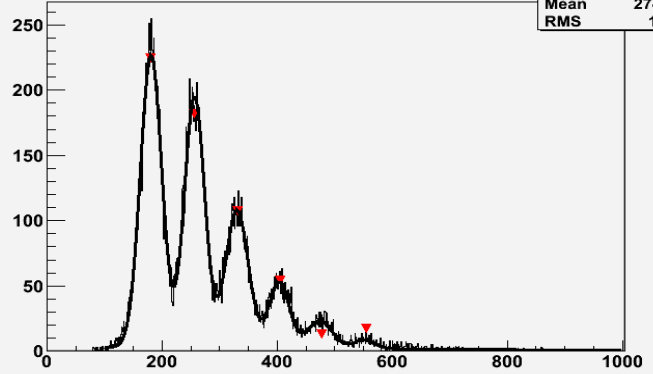


Completely automatic fit based on Markov method from spectroscopy  
Fit was performed for 8(address)x16(channel)x8(voltage)=1024 cases

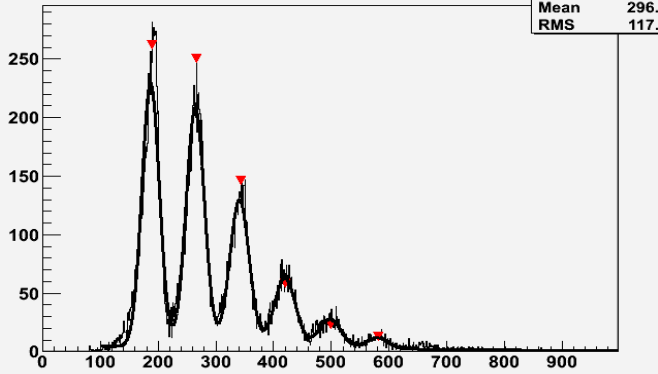
For all fits  $1 < \text{Chi}^2 < 2.2$

To perform fit on 8x16=128 plots on my PC takes ~30min.

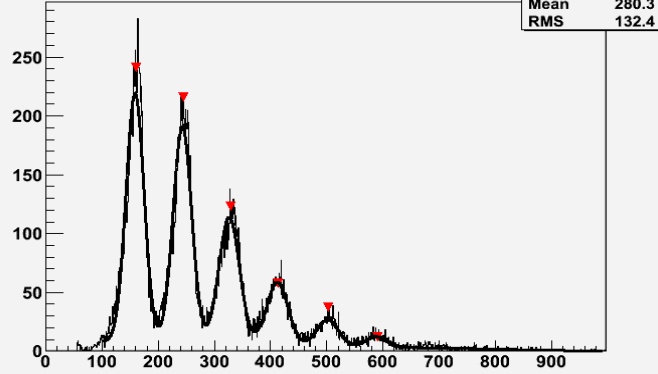
$\chi^2=0.97$  gain=73.71 cross\_talk=0.20



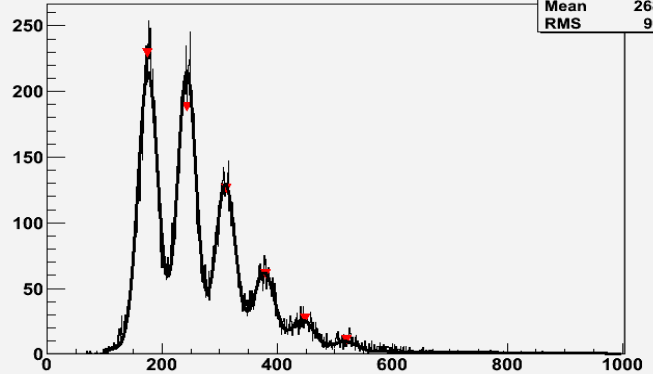
$\chi^2=1.84$  gain=76.70 cross\_talk=0.22



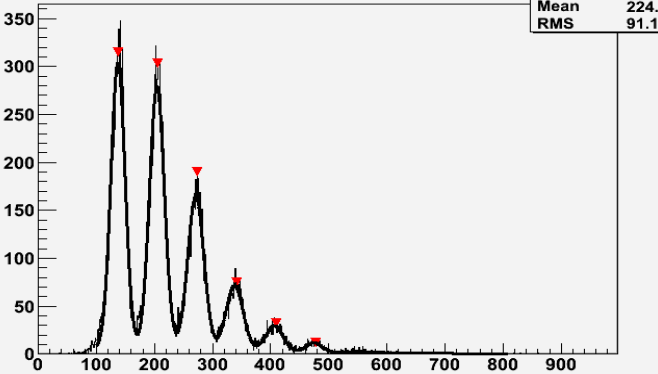
$\chi^2=1.54$  gain=83.49 cross\_talk=0.24



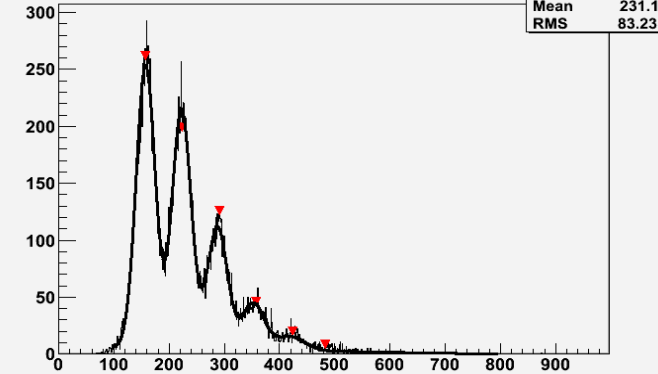
$\chi^2=1.20$  gain=66.93 cross\_talk=0.17



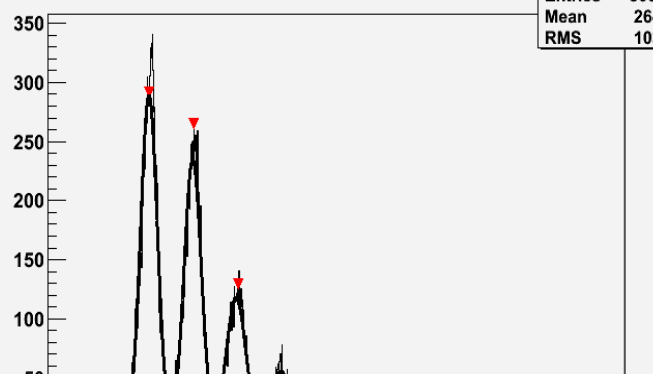
$\chi^2=1.33$  gain=67.02 cross\_talk=0.17



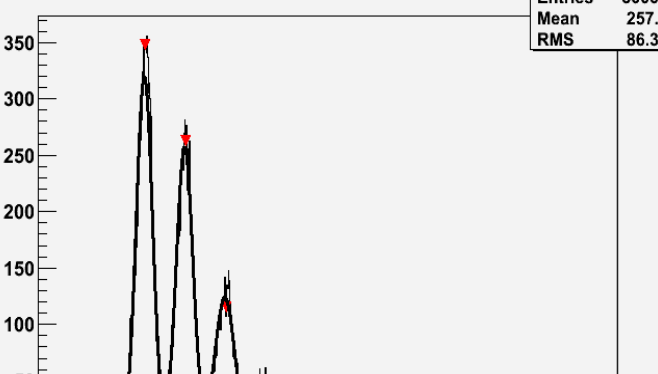
$\chi^2=1.02$  gain=65.07 cross\_talk=0.11



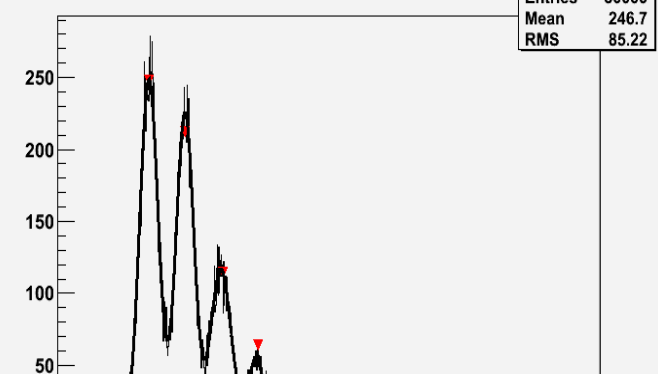
$\chi^2=1.63$  gain=75.15 cross\_talk=0.17



$\chi^2=1.70$  gain=68.67 cross\_talk=0.16



$\chi^2=1.10$  gain=65.85 cross\_talk=0.14

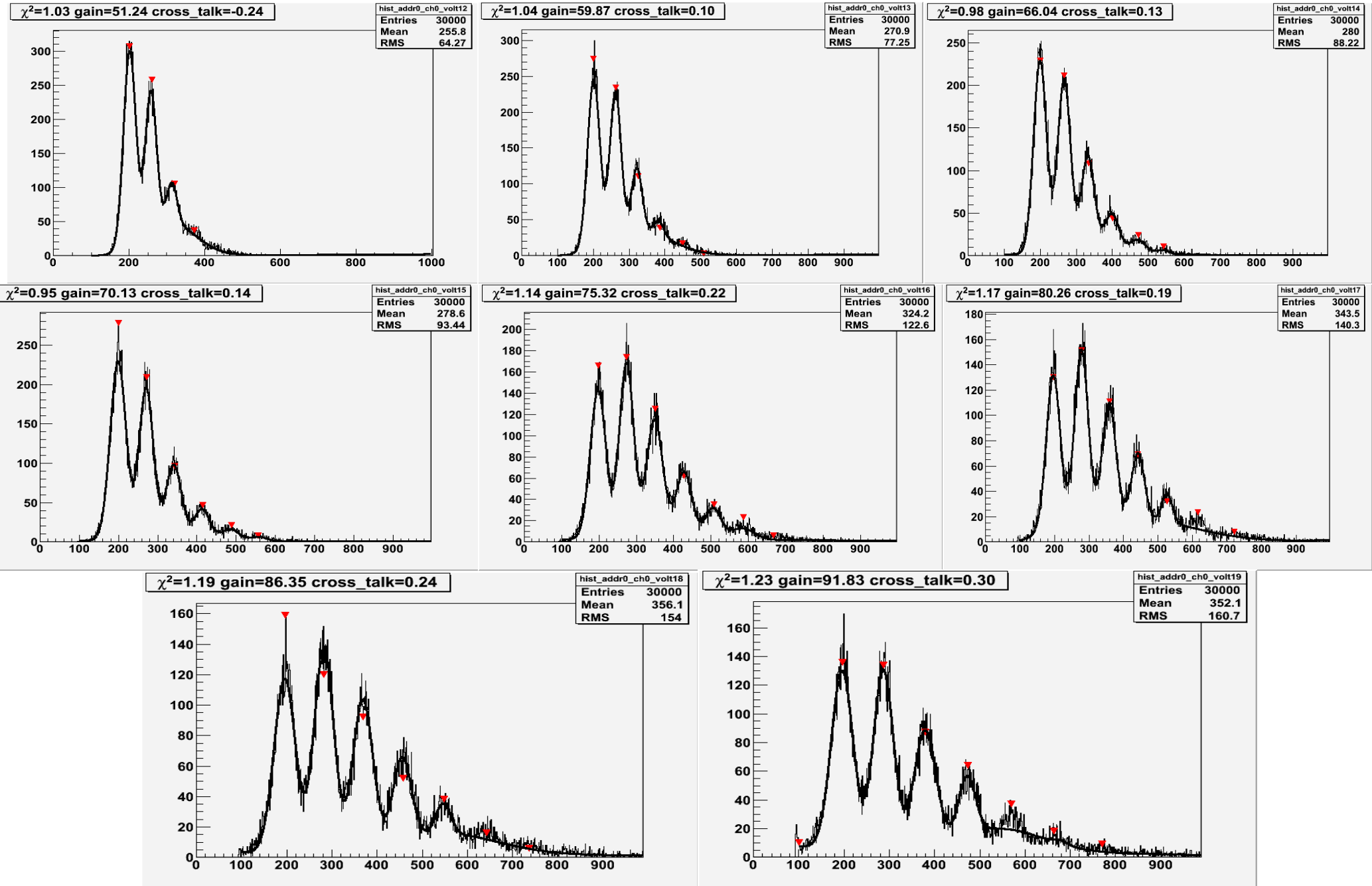


Gain – the difference between 2 ph.e. peak and 1 ph.e. peak means

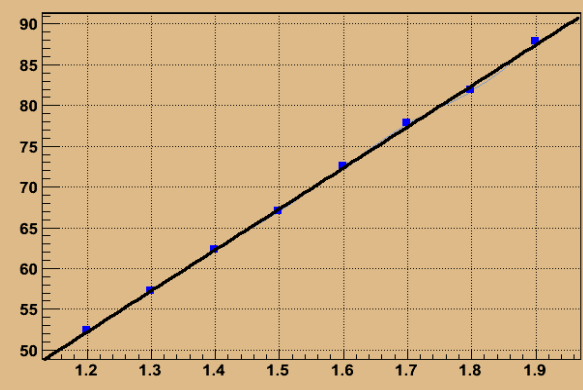
Break Down Volatage = -0.07



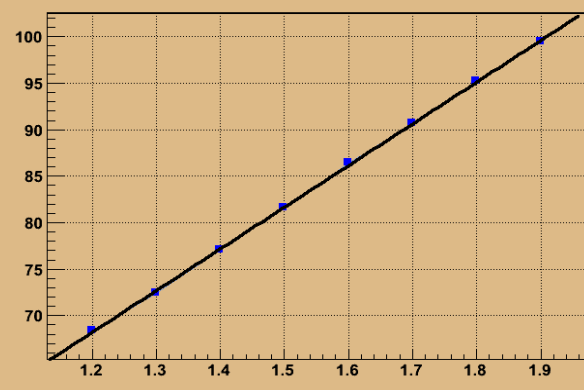
# MPPC counts spectrum for the same MPPC cell for different voltages



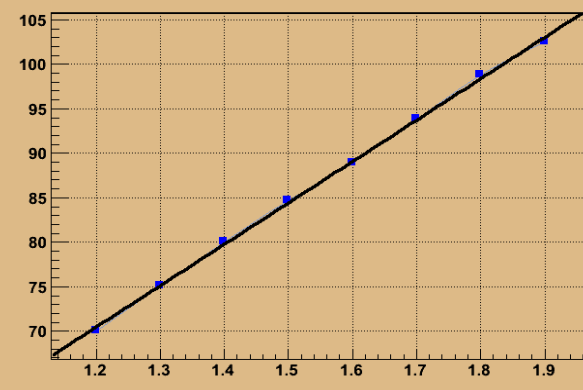
Break Down Volatage = 0.16



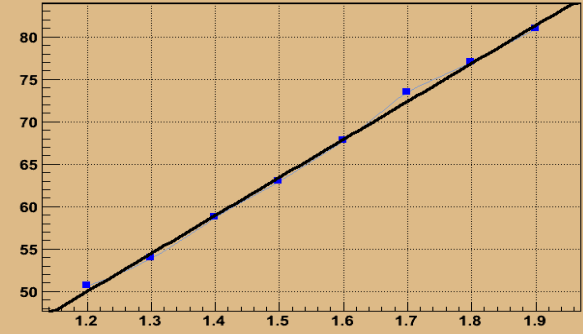
Break Down Volatage = -0.32



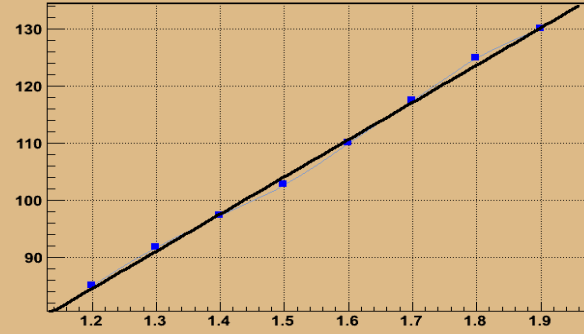
Break Down Volatage = -0.31



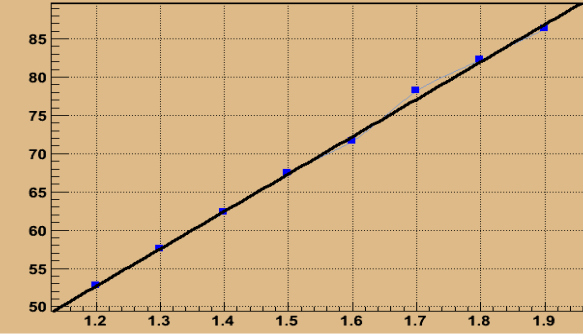
Break Down Volatage = 0.08



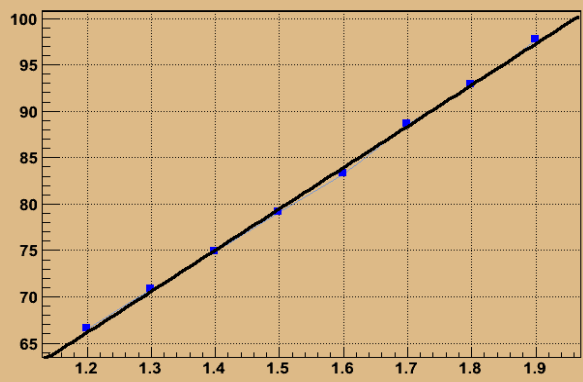
Break Down Volatage = -0.10



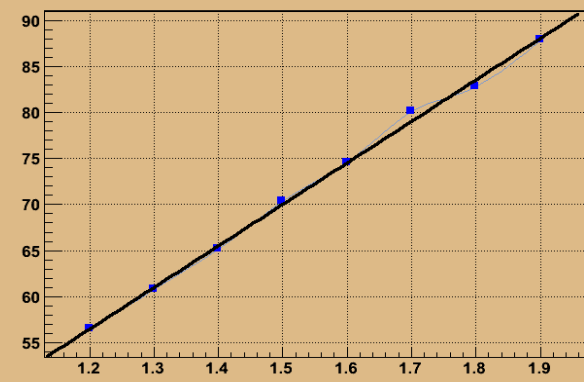
Break Down Volatage = 0.12



Break Down Volatage = -0.29



Break Down Volatage = -0.05



Break Down Volatage = -0.22

