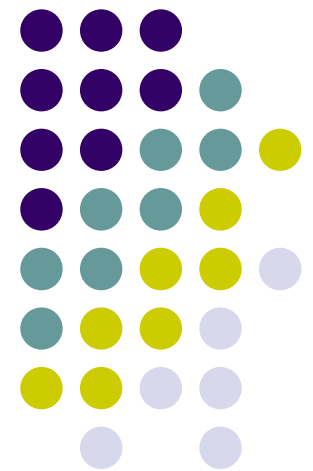


Prototype data analysis

Josef Uher

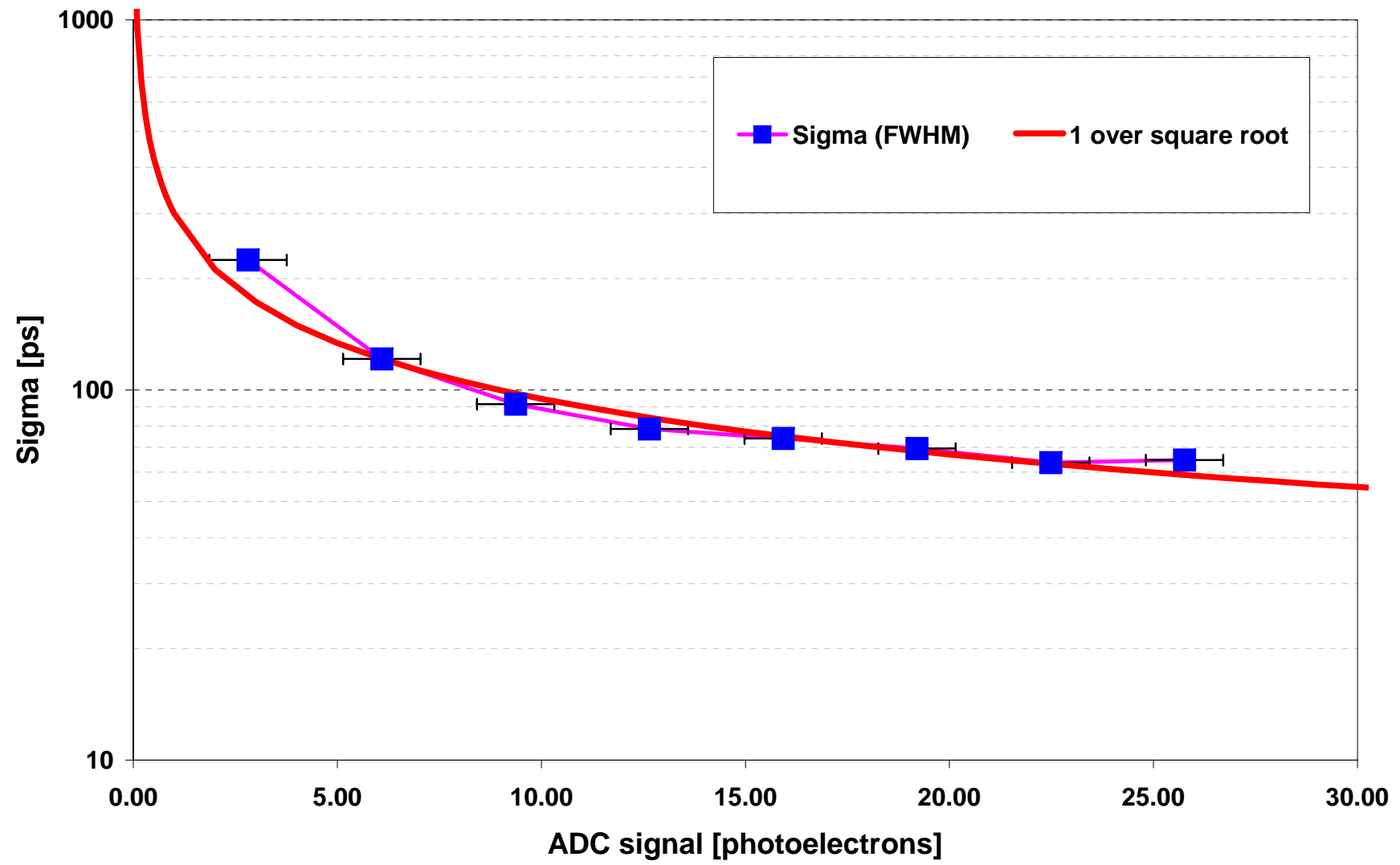


Quartz bar start counter, pad 0

Dependency of timing resolution as function of light intensity



Time resolution vs. number of electrons, Quartz bar start counter
Pad 0

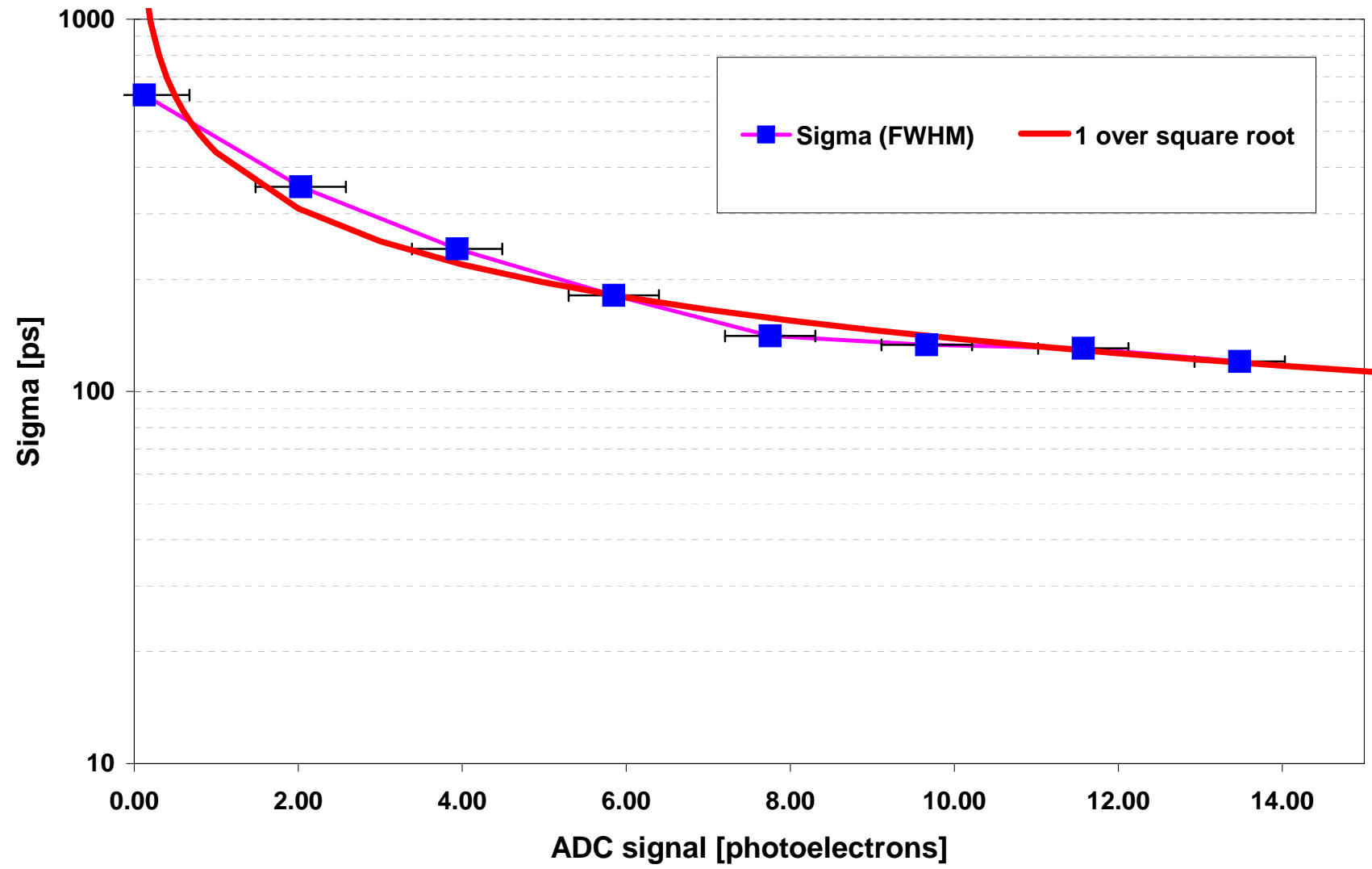


Quartz bar start counter, pad 1

Dependency of timing resolution as function of light intensity



Time resolution vs. number of electrons, Quartz bar start counter
Pad 1

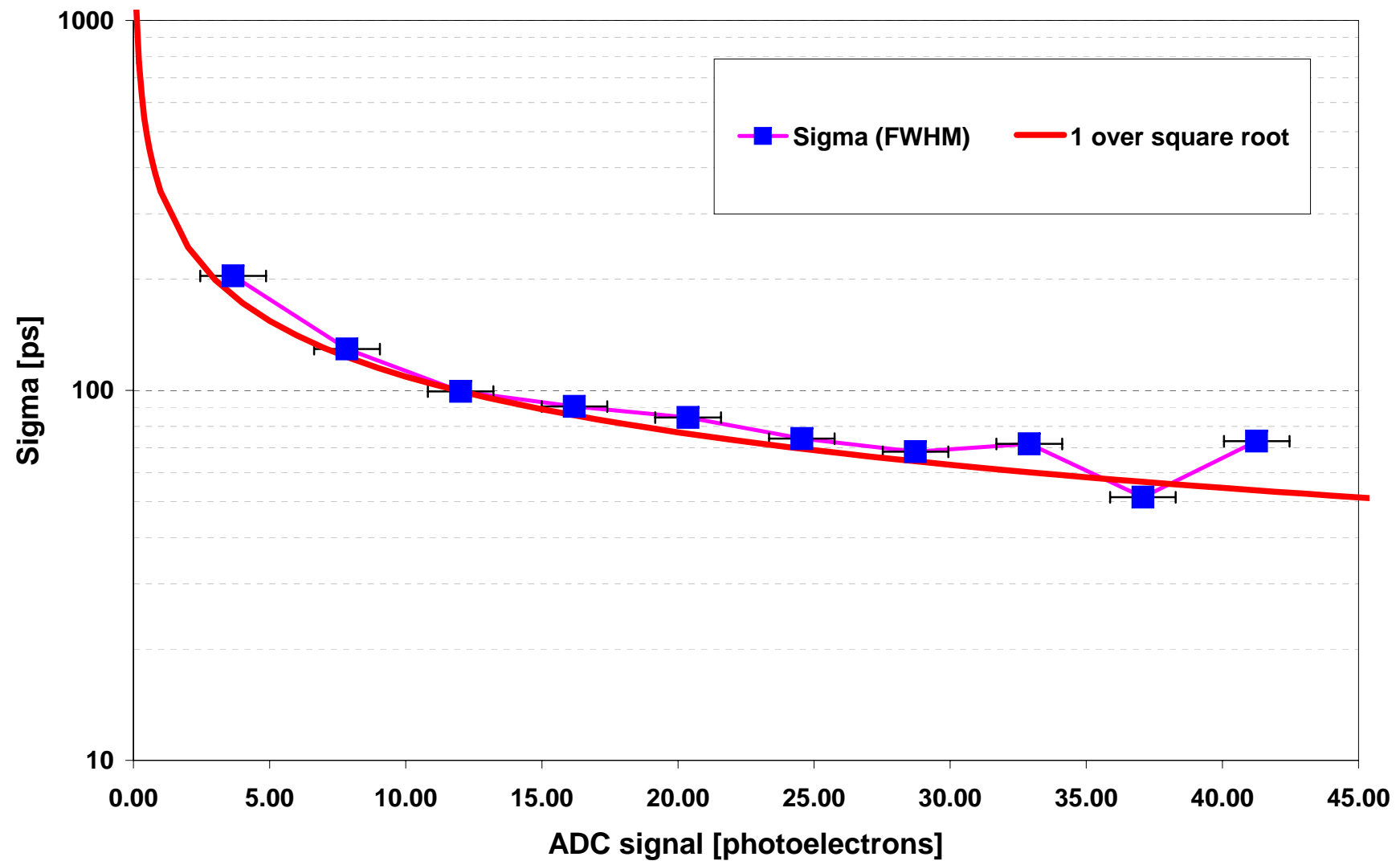


Quartz bar start counter, pad 2

Dependency of timing resolution as function of light intensity



Time resolution vs. number of electrons, Quartz bar start counter
Pad 2

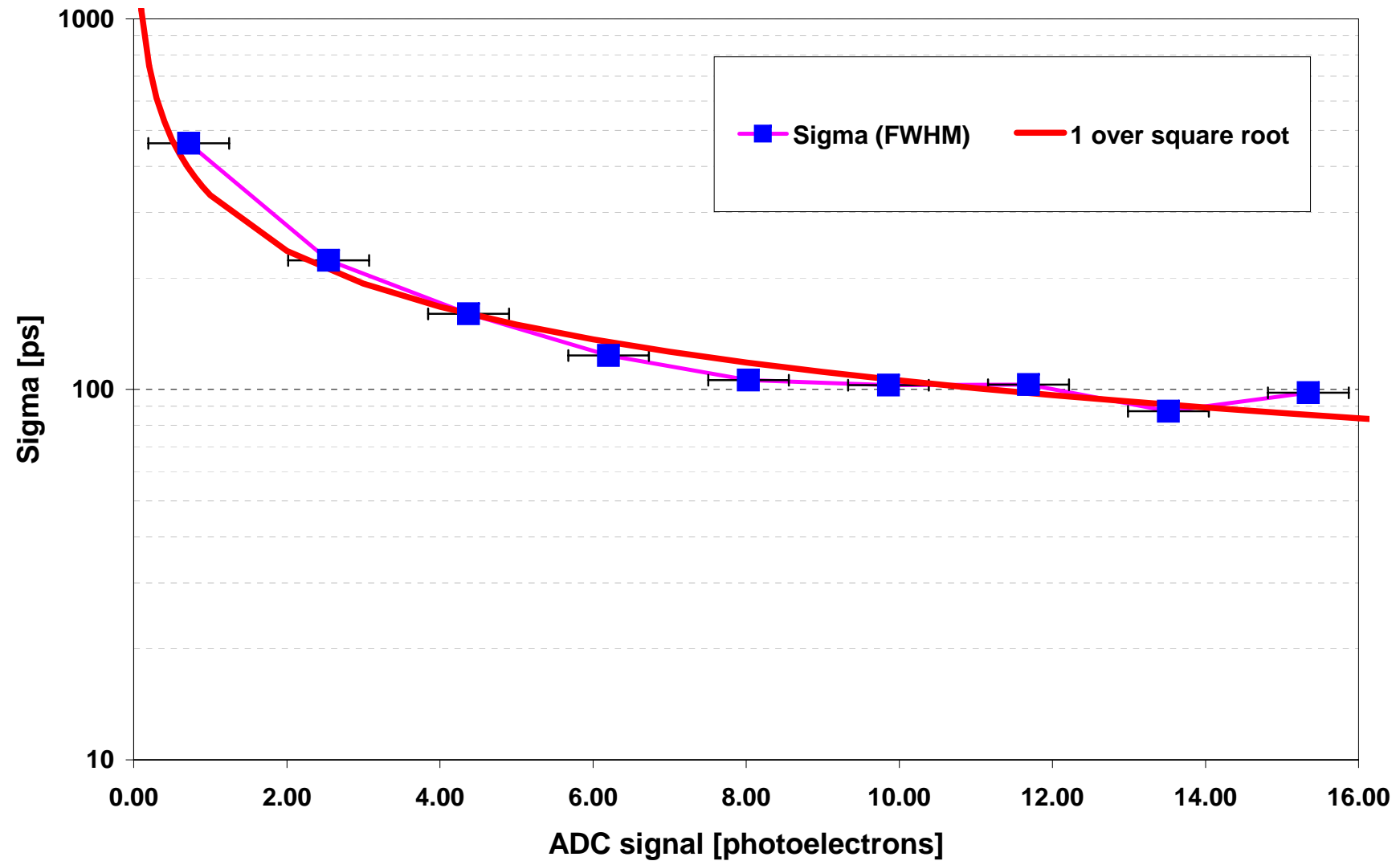


Quartz bar start counter, pad 3

Dependency of timing resolution as function of light intensity

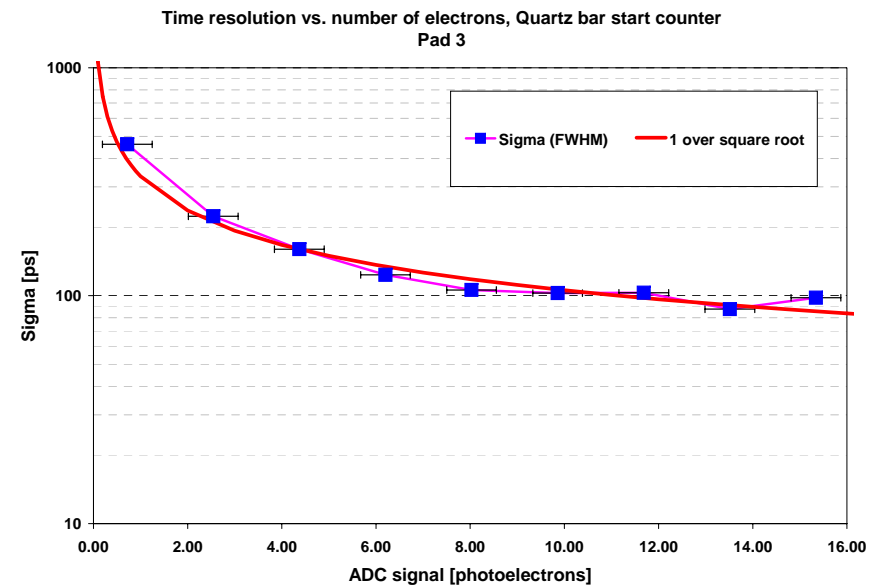
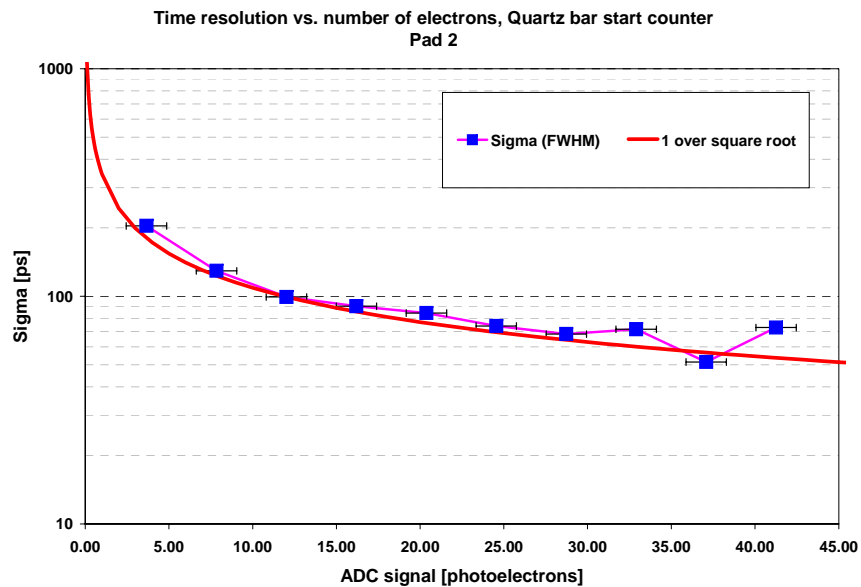
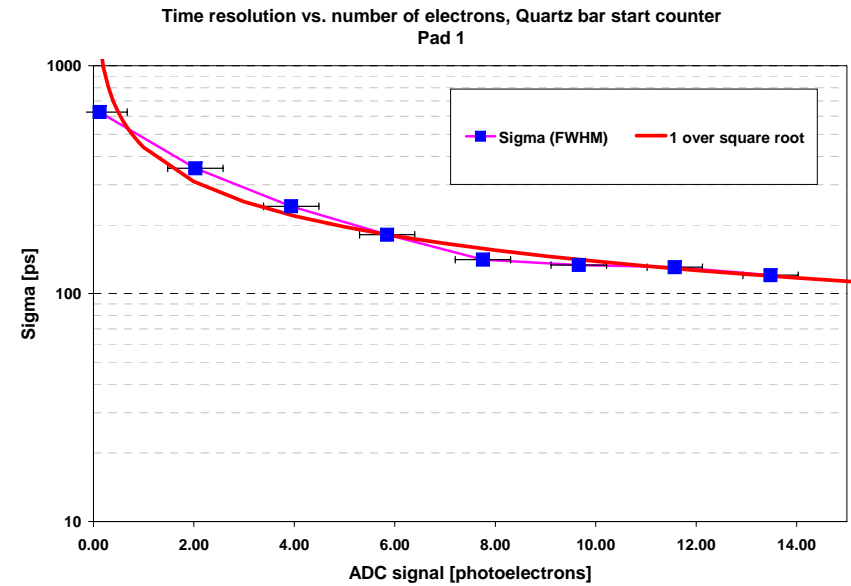
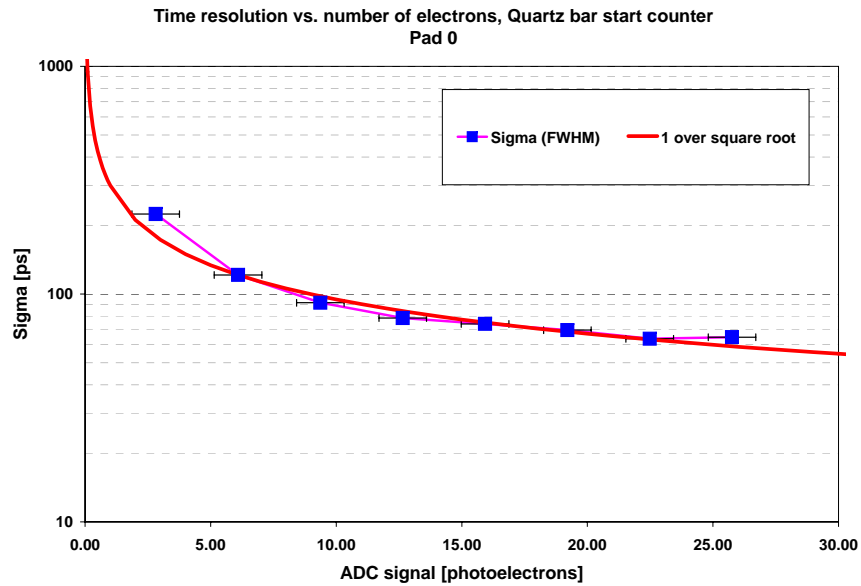


Time resolution vs. number of electrons, Quartz bar start counter
Pad 3



Quartz bar start counter

Dependencies of timing resolution as function of light intensity

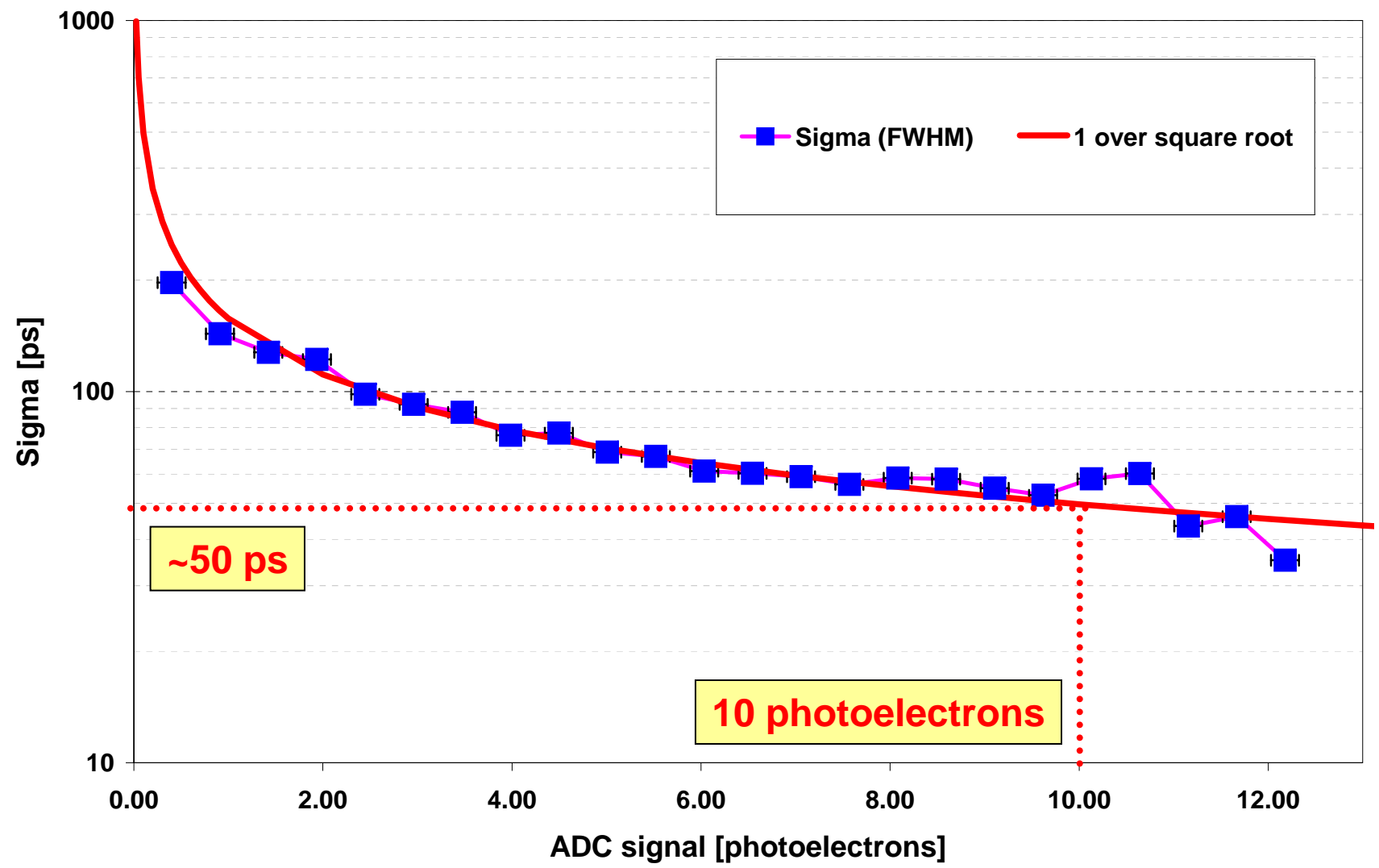


Russian MCP (ADC/TDC correction)

Dependency of timing resolution as function of light intensity



Time resolution vs. number of electrons, Quartz bar start counter
Russian MCP

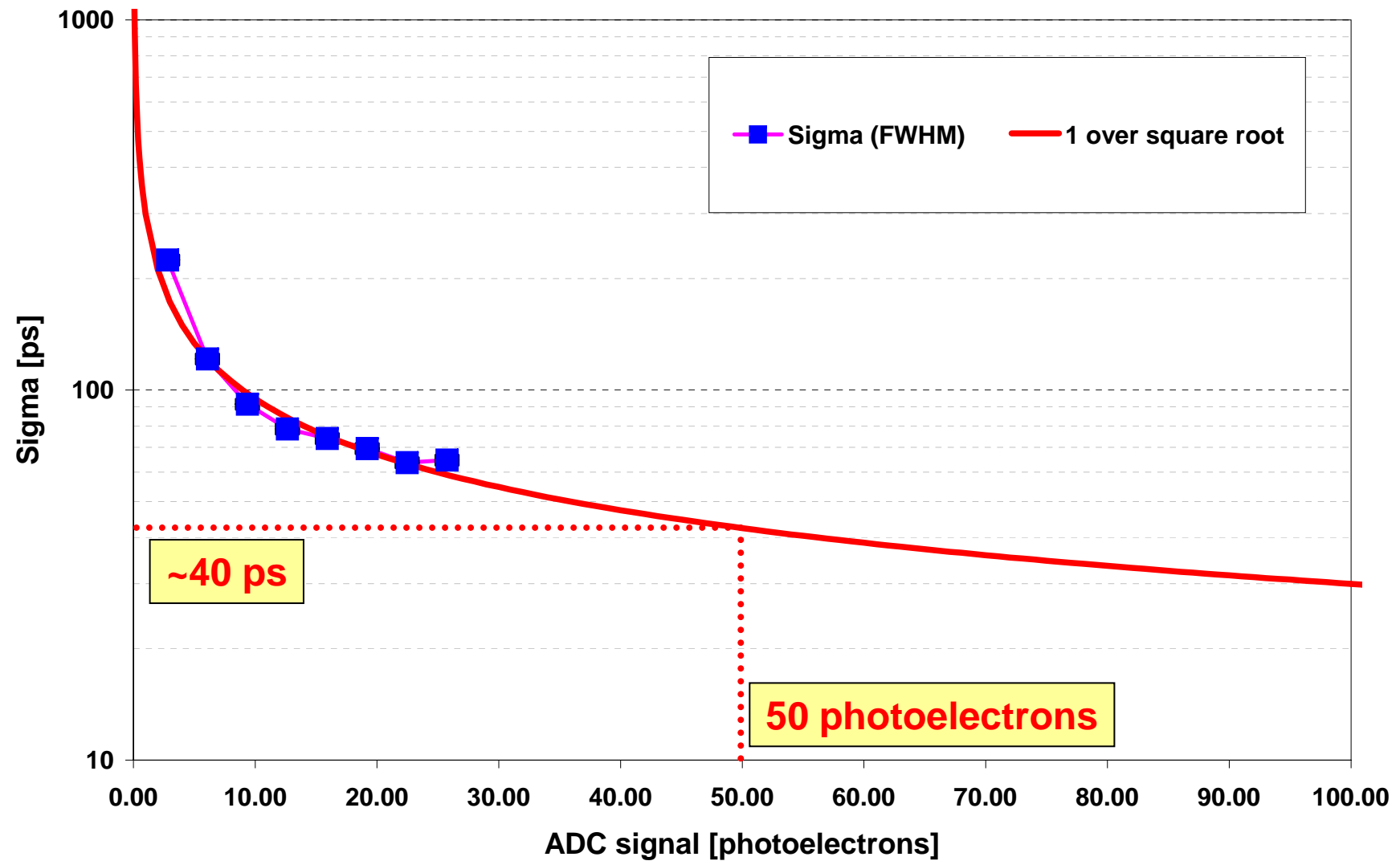


Quartz bar start counter, pad 0 - extrapolation

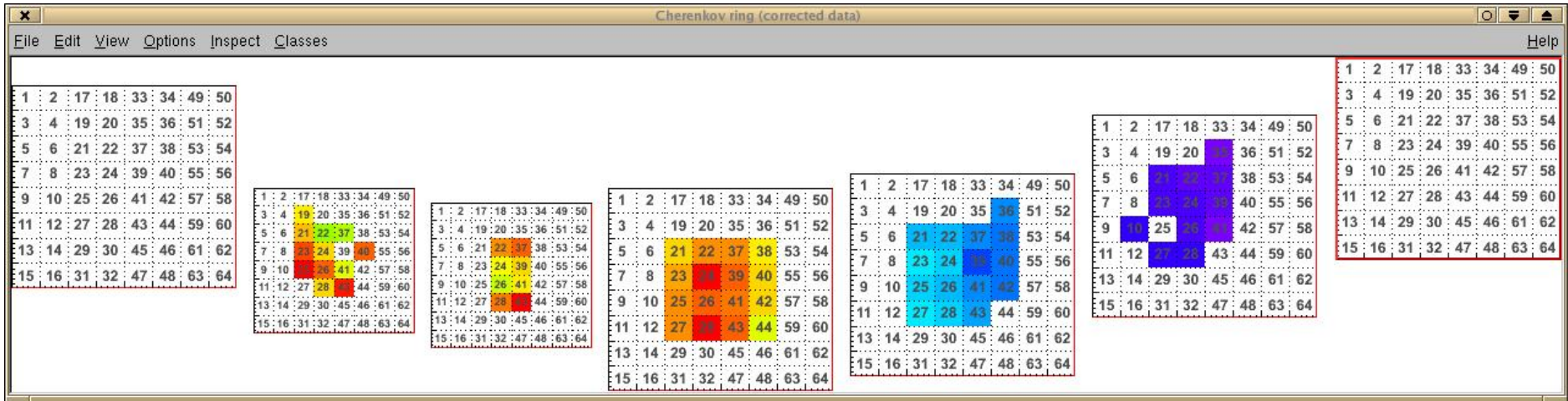
Dependency of timing resolution as function of light intensity



Time resolution vs. number of electrons, Quartz bar start counter
Pad 0



The prototype is connected to 64 Phillips TDC channels



Online monitoring is more convenient with the new user interface:

