Sezione di Pavia

HPL Trendline Update

Puricelli production:

June – December

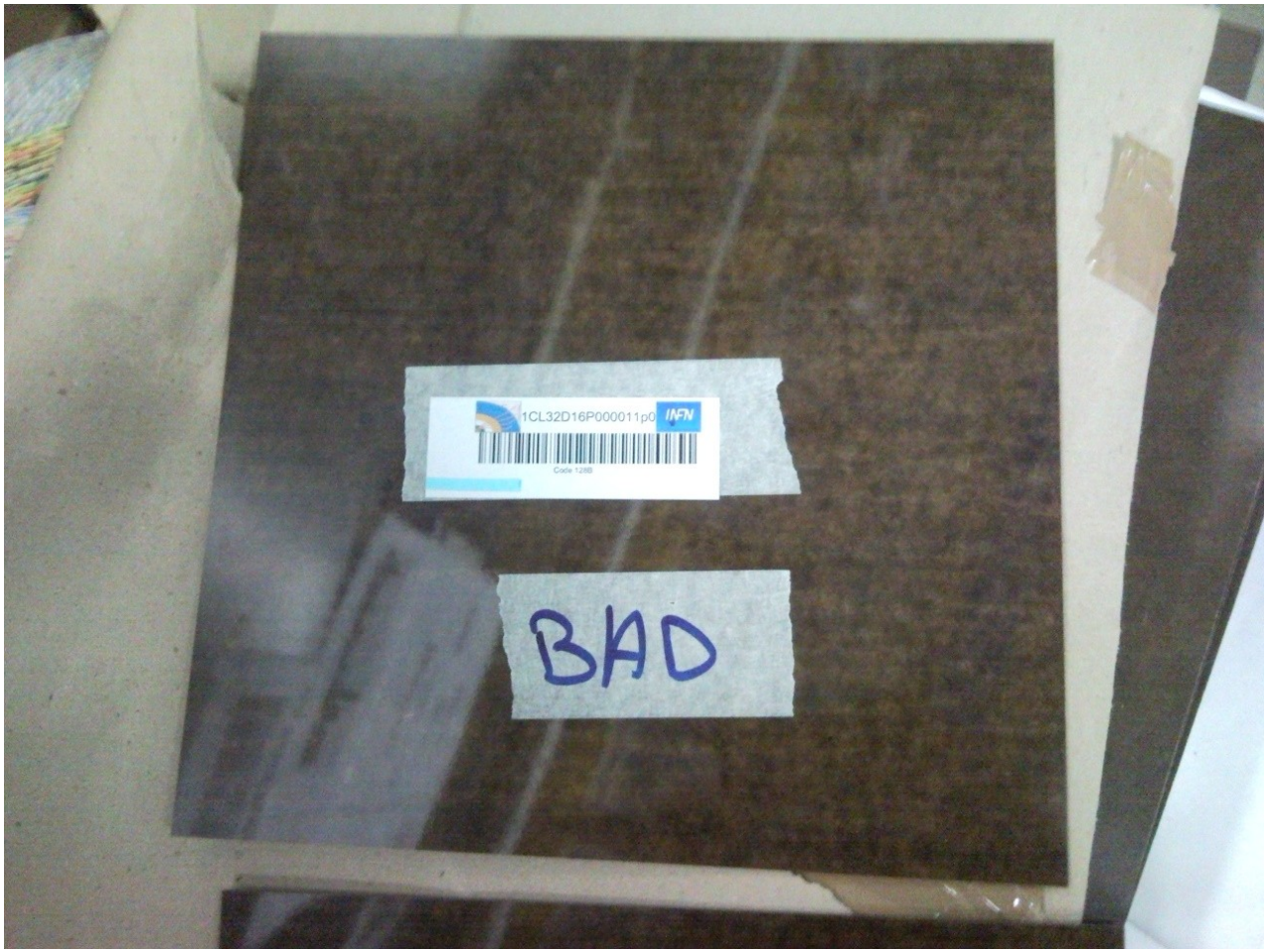
2010

G. Belli, P. Vitulo

RPC Upscope 14 Dec. 2010

Sezione di Pavia

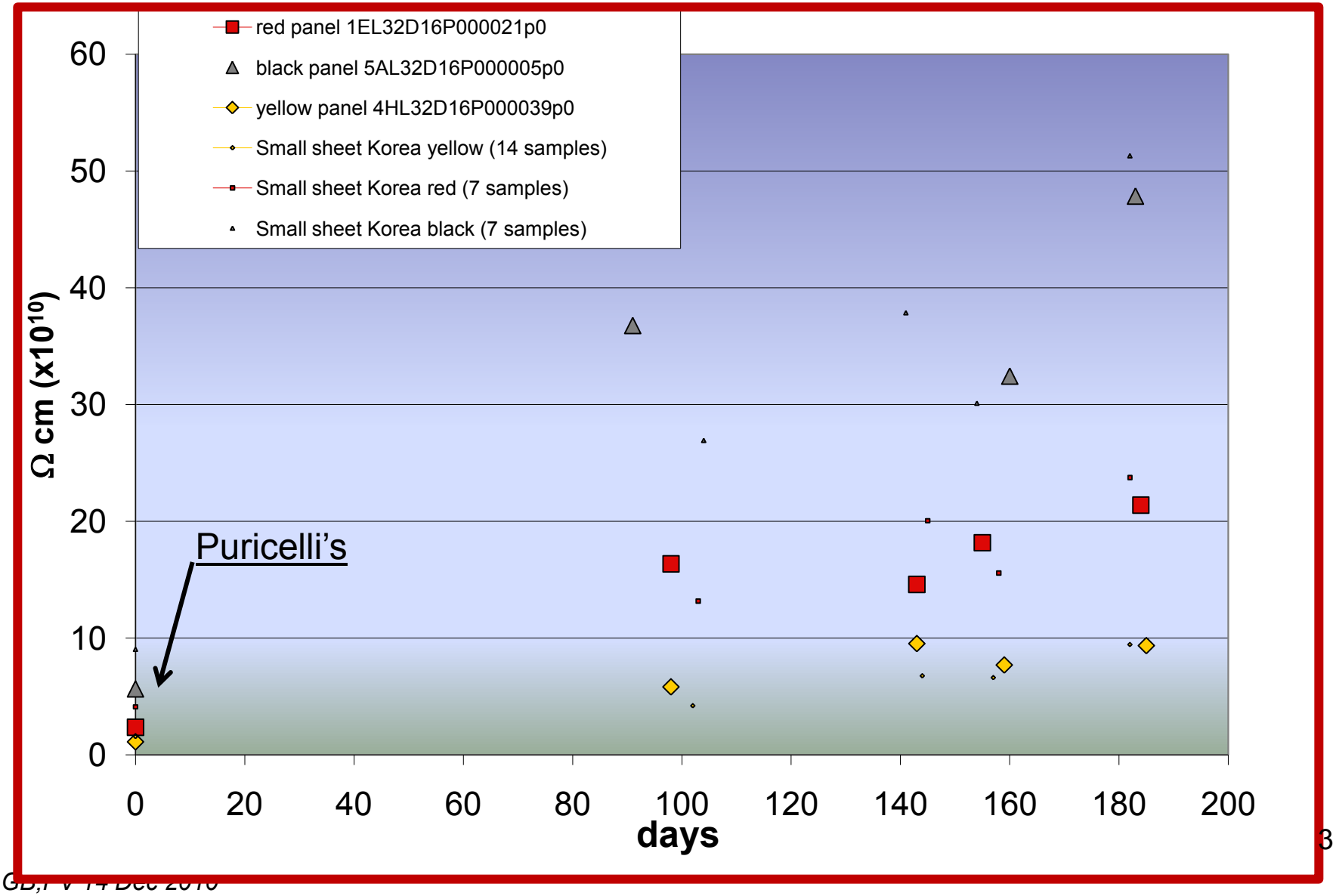
Puricelli Production June 2010



Resistivity Values from June to December 2010

(all panels)

Sezione di Pavia

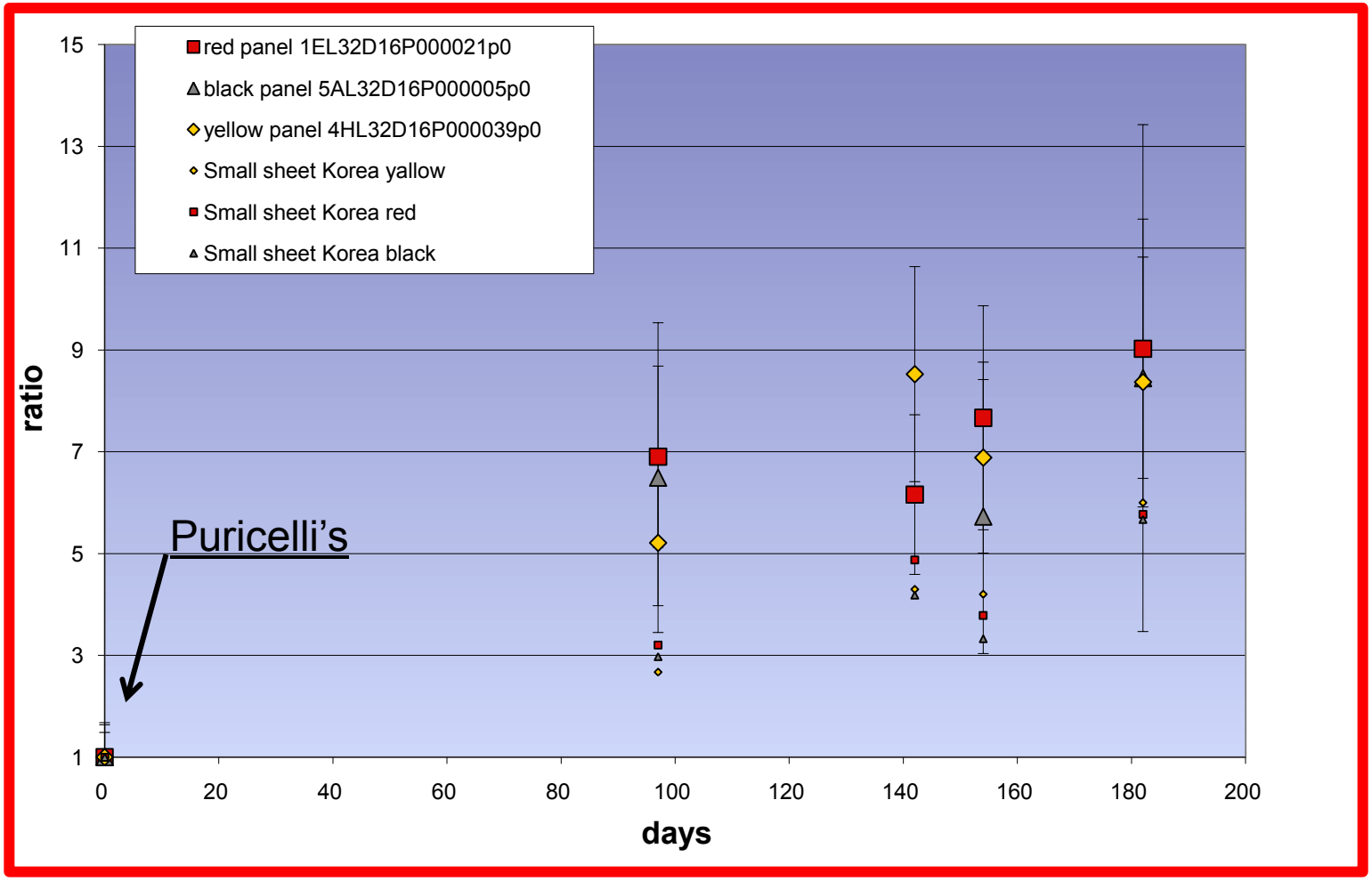


Sezione di Pavia

Normalized Resistivity vs Time (values normalized to the initial value)

All panels and samples arrived in Pavia.

Displayed values refer to average and standard deviation

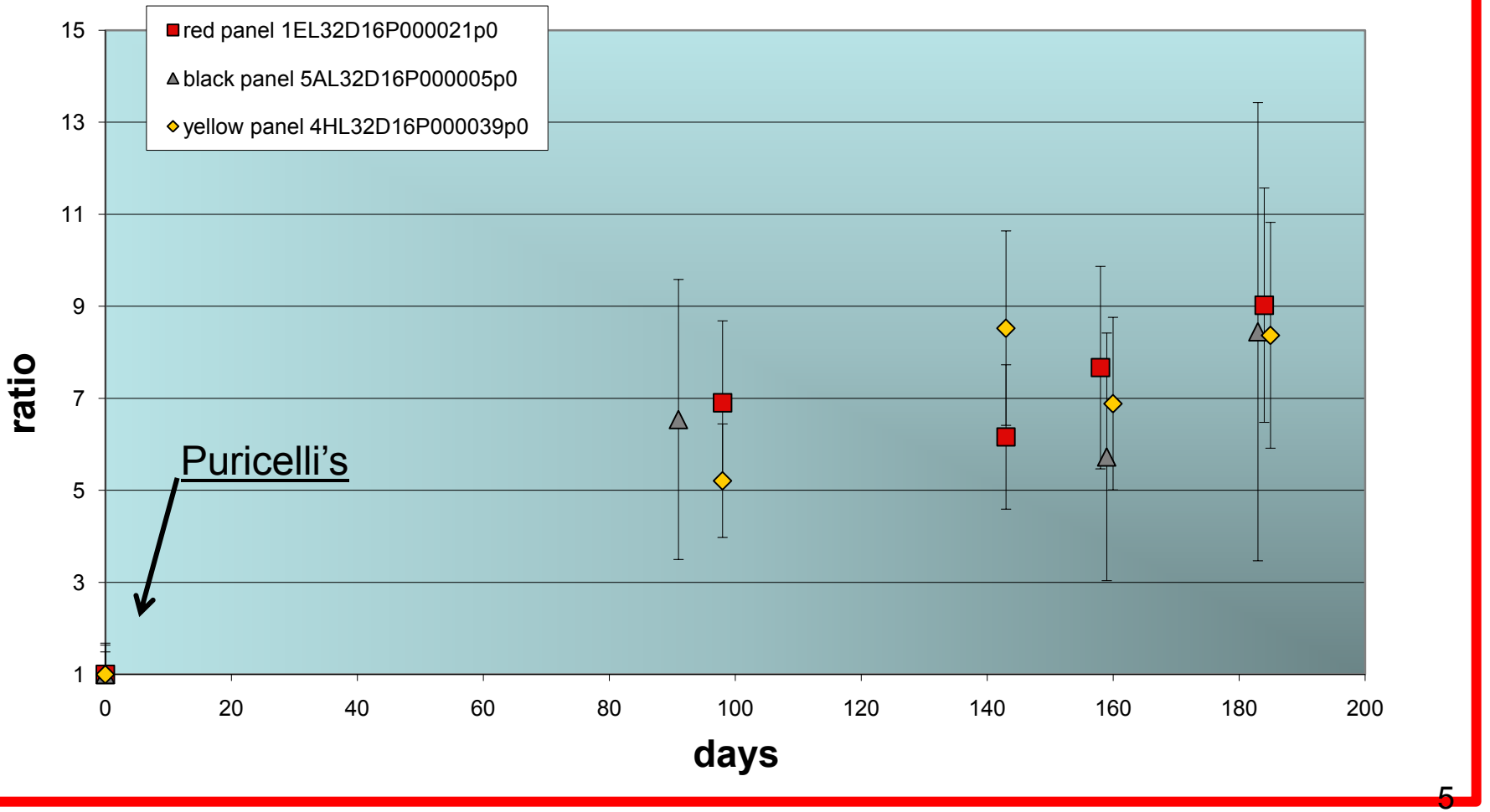


Sezione di Pavia

Normalized Resistivity vs Time

3 entire panels: 128 measurements/panel

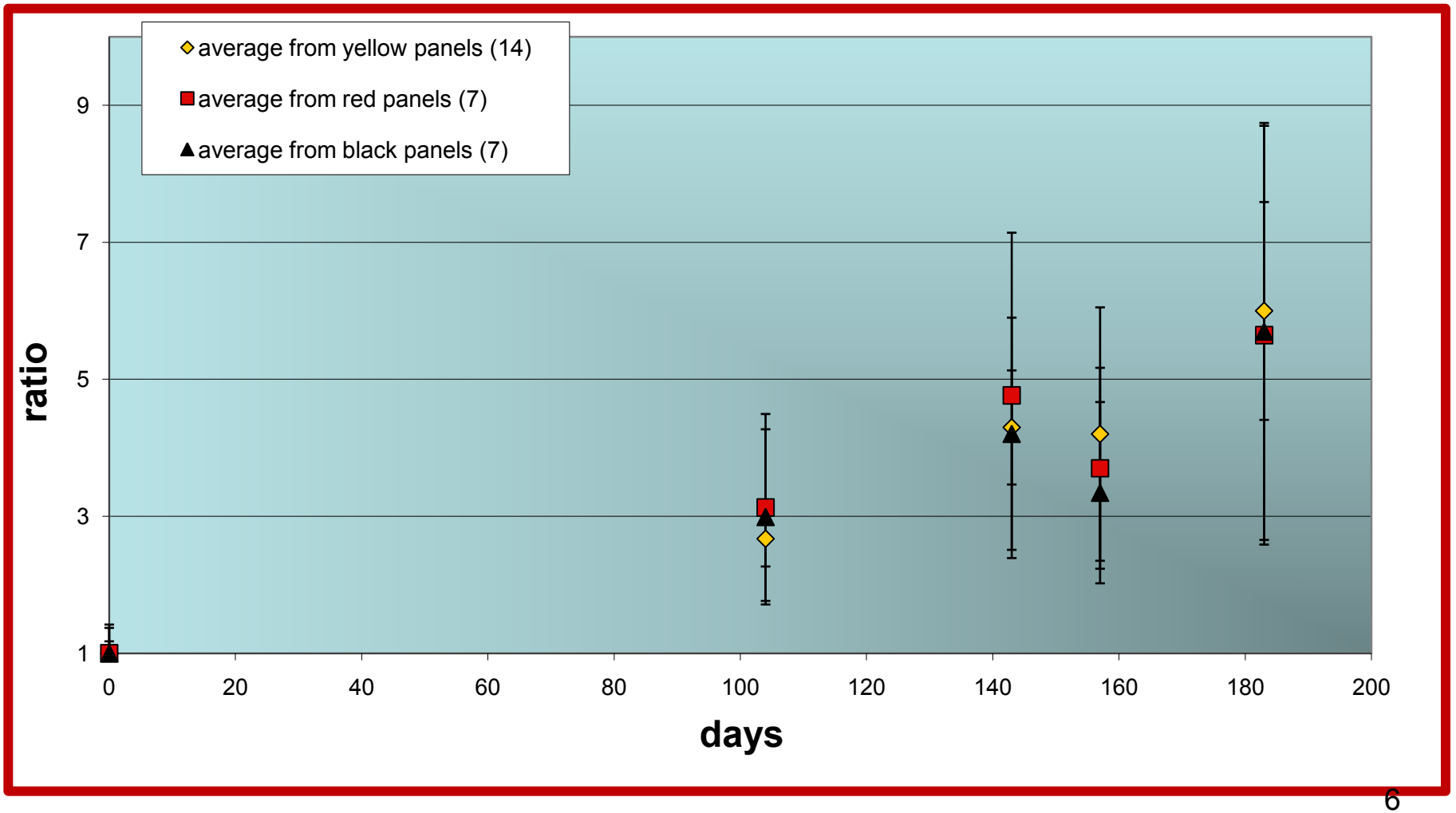
Displayed values refer to average and standard deviation



Sezione di Pavia

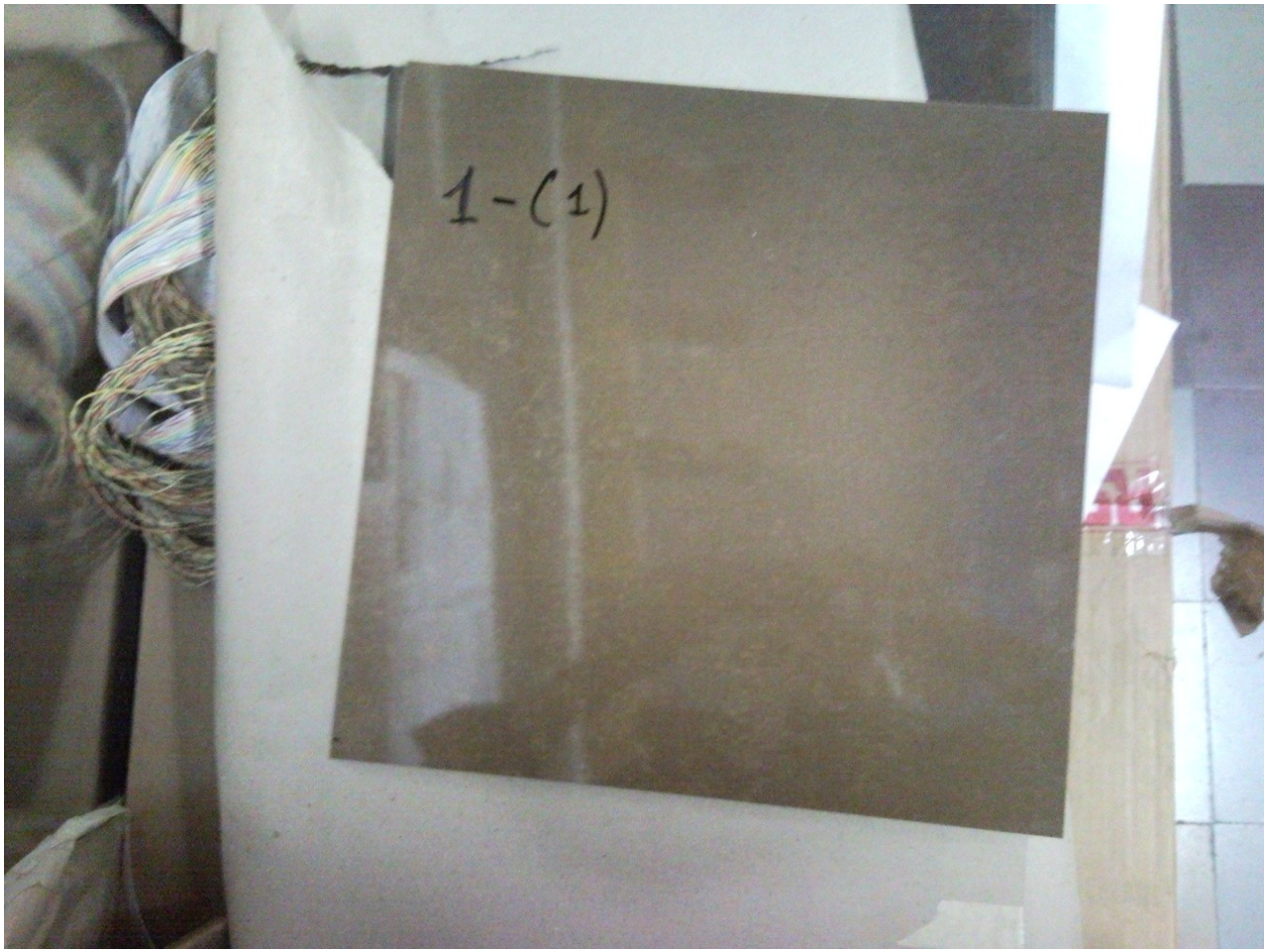
Normalized Resistivity vs Time

(small samples from 28 panels cut for gap production)



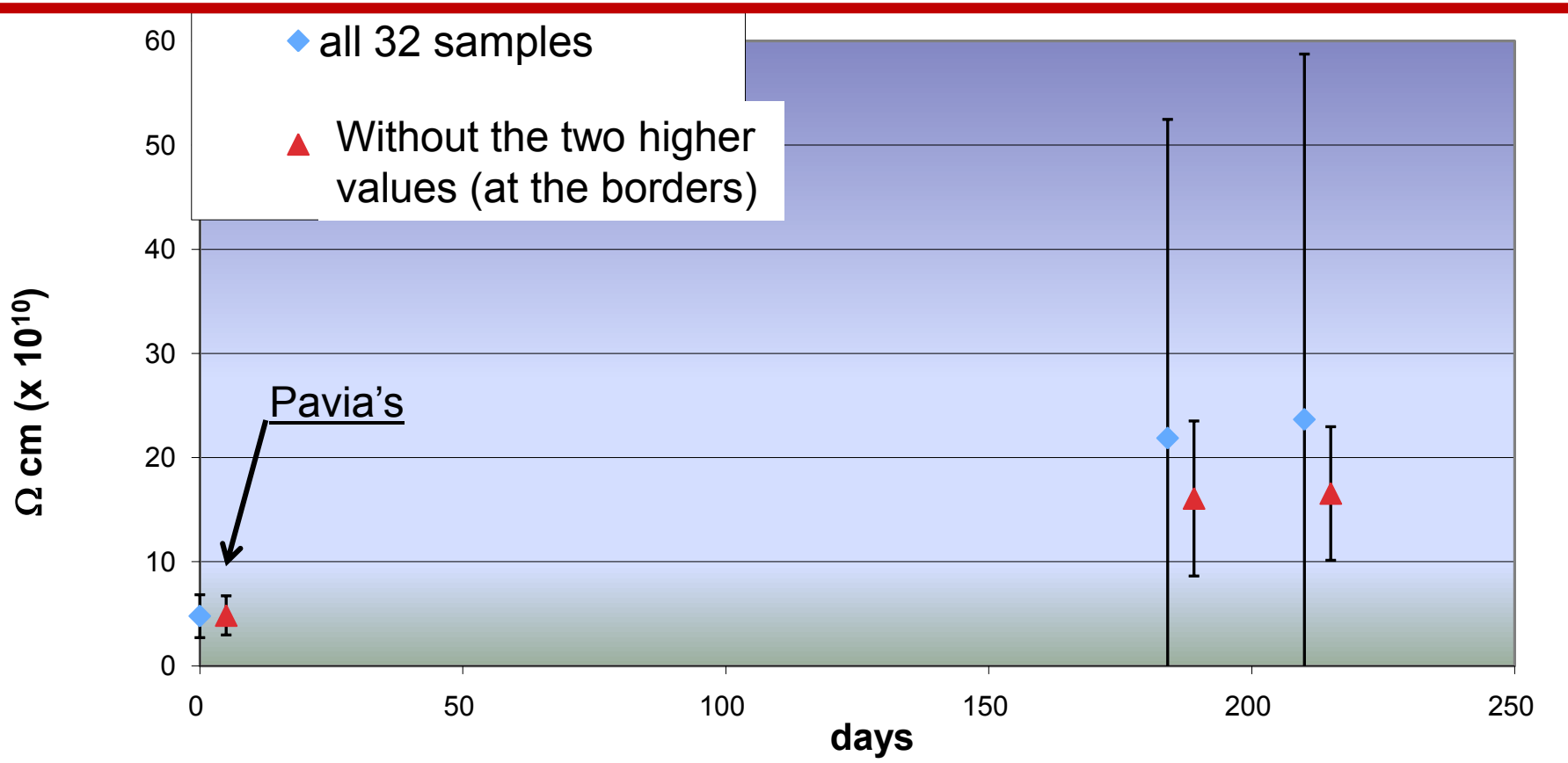
Sezione di Pavia

Puricelli Production: March-May 2010



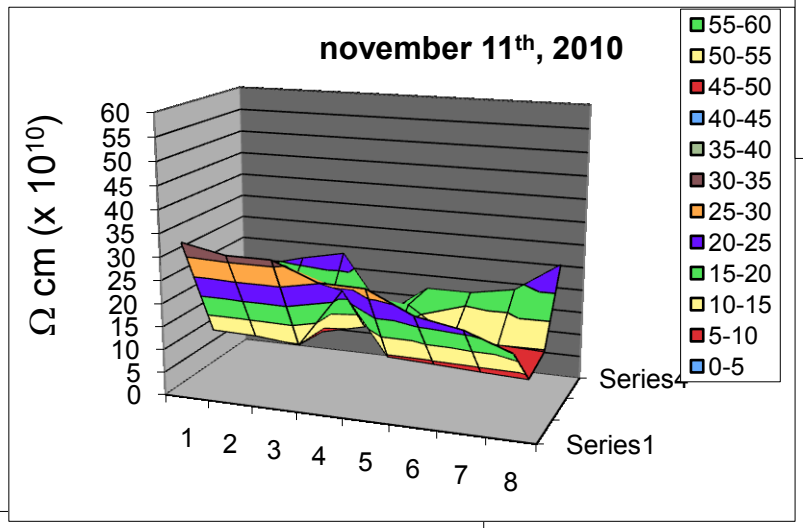
Sezione di Pavia

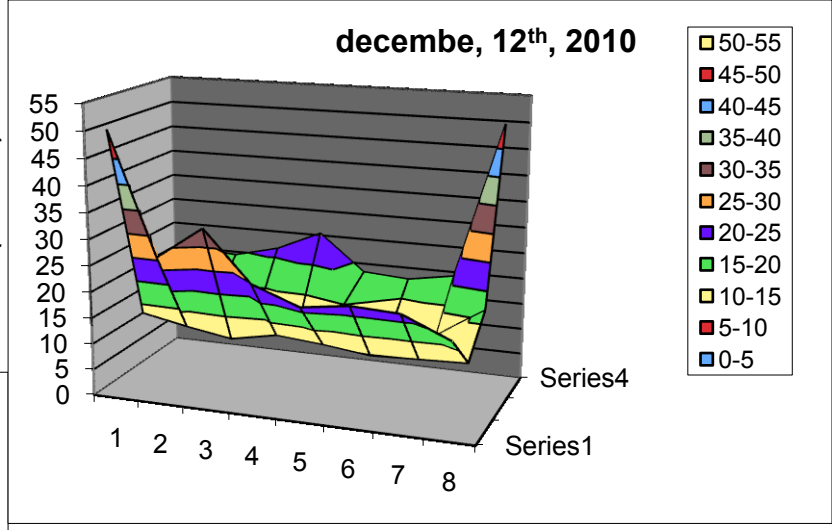
Bakelite Resistivity
Puricelli Production: panel # 1 (2010)
(divided in 32 samples)

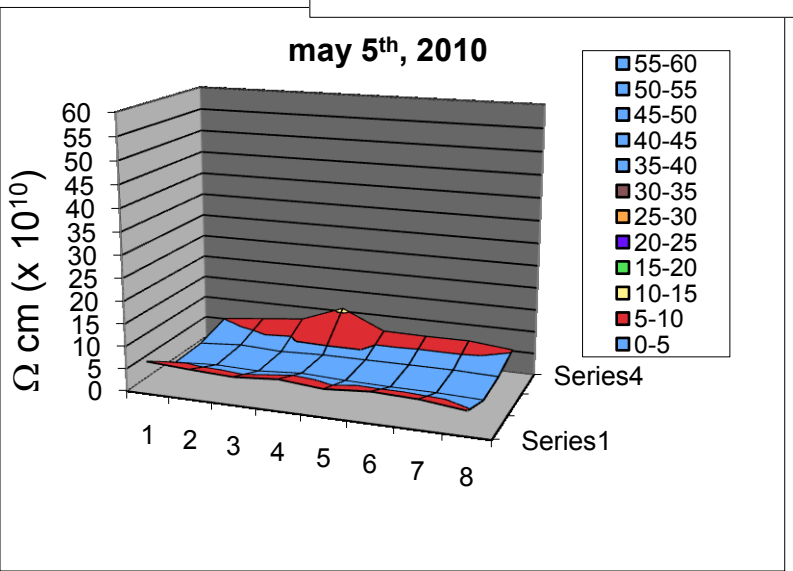


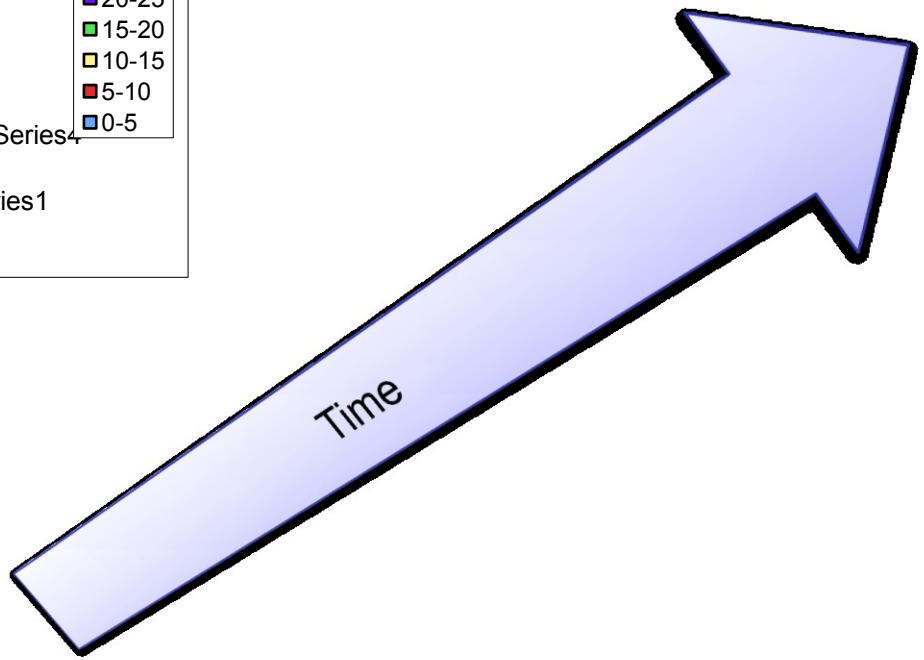
Sezione di Pavia

Panel # 1



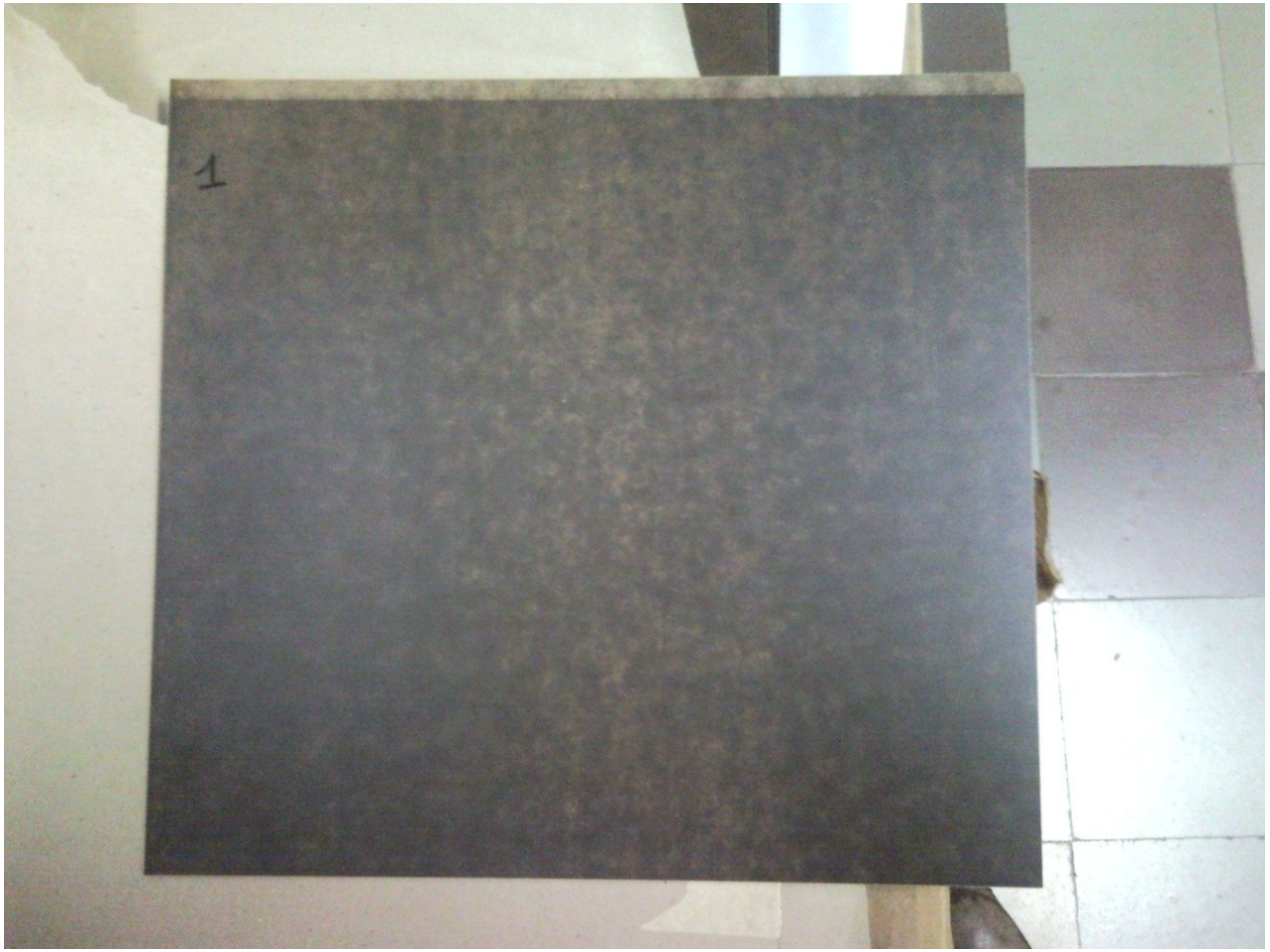






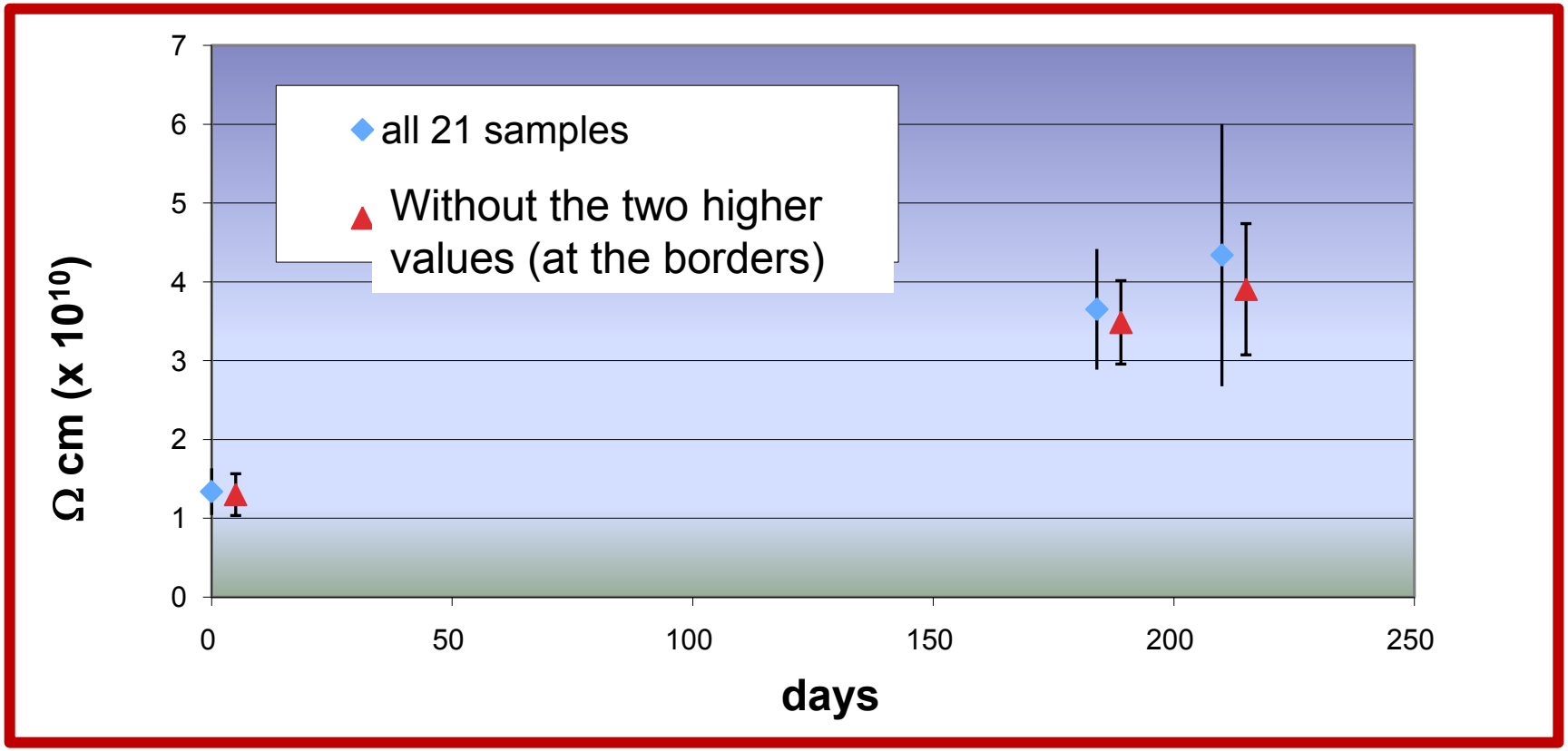
Sezione di Pavia

Puricelli Production: March-May 2010



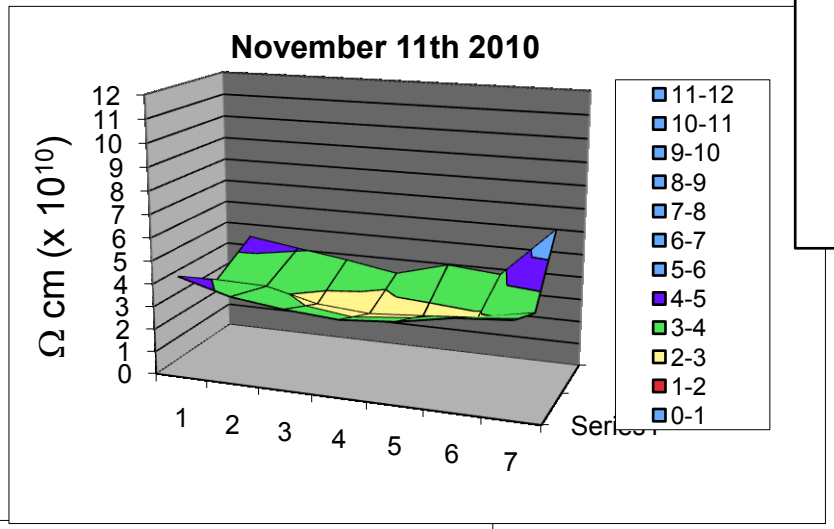
Sezione di Pavia

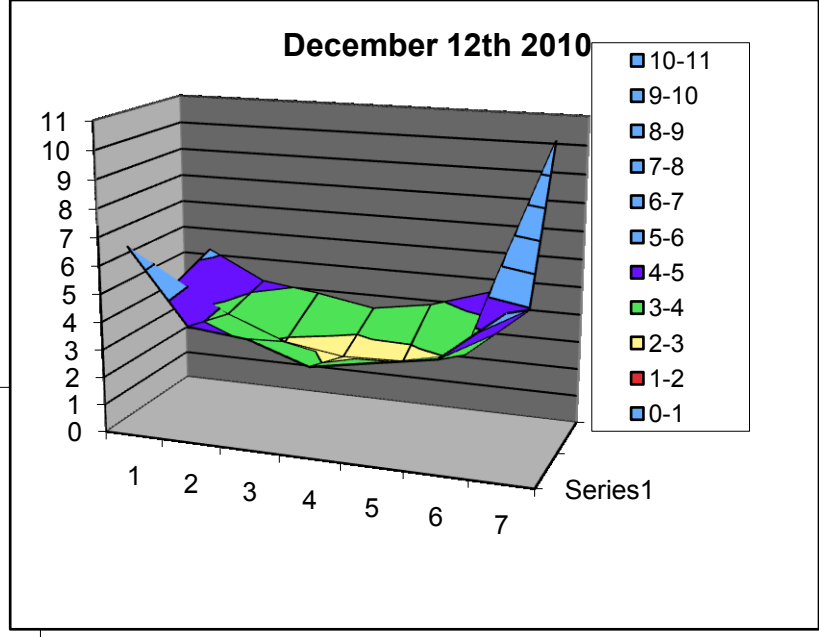
Bakelite Resistivity
Puricelli Production: panel # 2 (2010)
(divided in 21 samples)

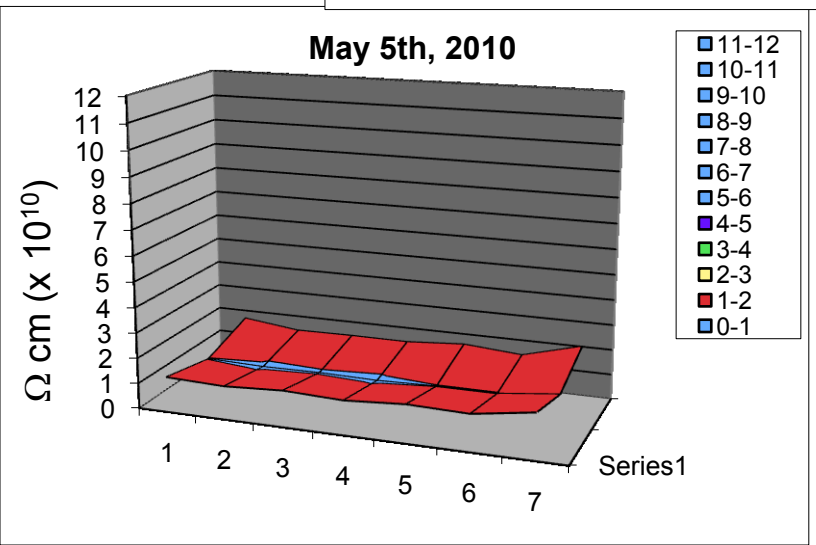


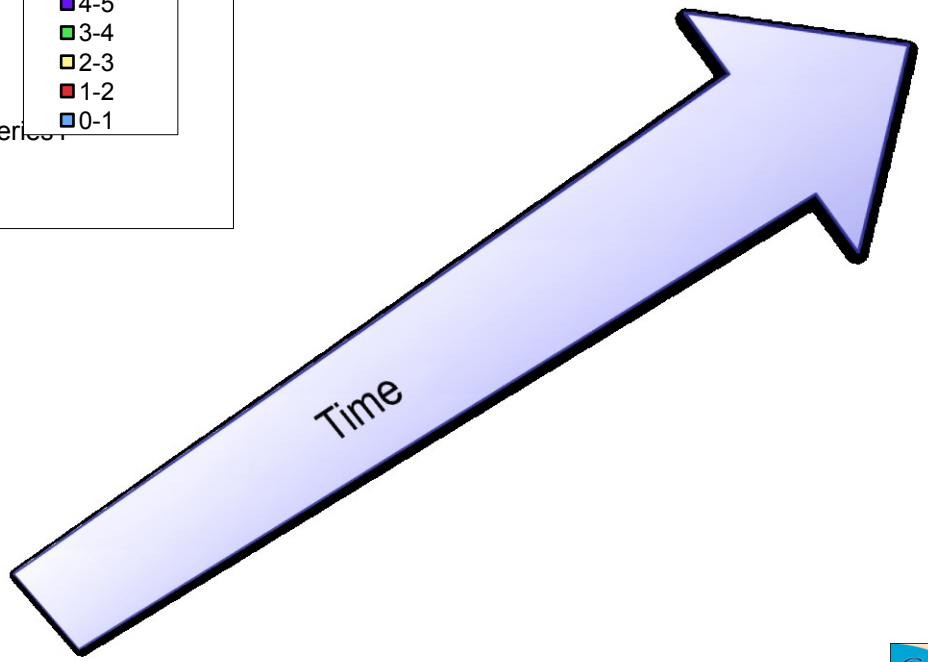
Sezione di Pavia

Panel # 2

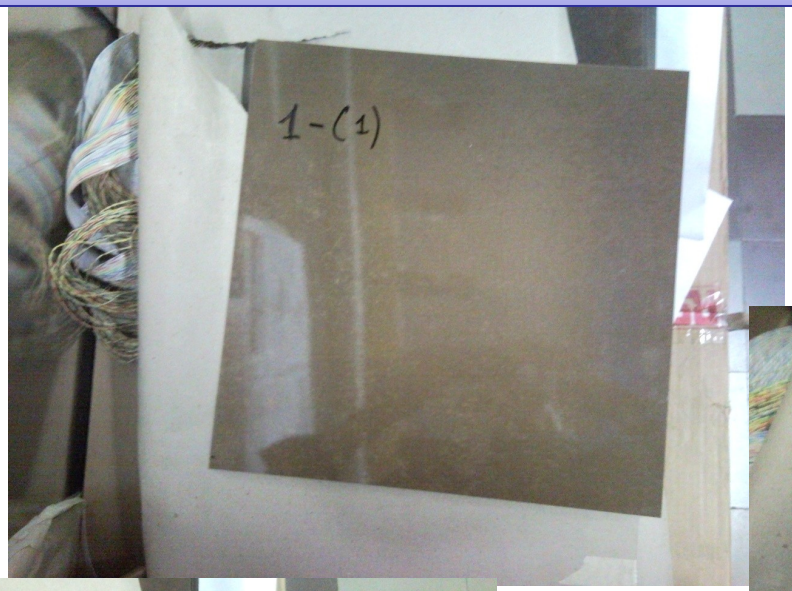


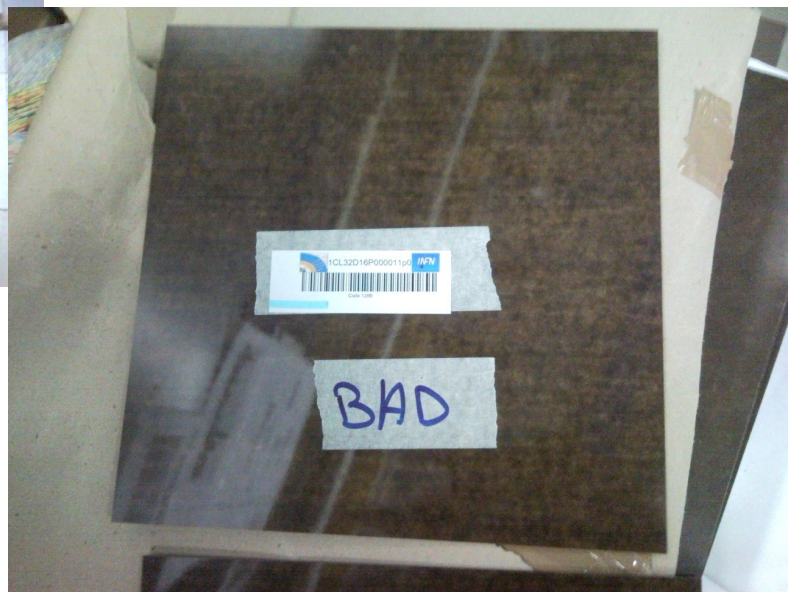






Three different HPLs for three different behaviors...





Questions for Puricelli (.....that Panpla never answered...):

1) What is the difference between the three panels ? Maybe is time to ask them for some (not all) of the main production parameters: Percentage of volatile ? Temperature at press ? Pressure at press...? So maybe we can compare the measurements with some of them and maybe find some correlations (if any)

2) Could the resistivity rise be due to a slow humidity or volatile release ?

3) Can they explain how they control the production?

4) When they measure the resistivity ? Just at the press exit ?