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Subject: Plot difference

Posted by [Giorgio](#) on Mon, 27 Apr 2009 19:32:42 GMT

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Hi,

From 10 measurements of a CCD camera with a size of (1293 x 840) points I calculate the mean and the standard deviation. I get different plots if I plot just the 2D data or if I rebin to make a 1D vector.

Let's say that my 2D arrays for the mean is called average and the standard deviation is standard. Then the results are different if I do:

```
plot, average, standard, psym = 4
```

and

```
plot, rebin(average, N_Elements(average)), rebin(standard, n_elements(standard)), psym = 4
```

Any hint why is that?

Thanks,

Giorgio

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