
Subject: Re: Need help with a plot

Posted by [Julie Maria Lykke](#) on Sat, 16 Jun 2012 14:07:05 GMT

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On 16 Jun., 16:02, David Fanning <n...@idlcoyote.com> wrote:

> Julie Maria Lykke writes:

>> So initially my problem was that when I am making a eps. figure the
>> ytitle is "cut out of the image", because there is no room for it, as
>> the numbers on the y-axis takes up too much space. I have tried to
>> vary different parameter, and making the image smaller - but that
>> doesn't help. My image shows something which is in the range of

>
>> yrange=[-0.5e-025,6e-025]

>
>> I worked around it by multiplying with 1e25, and the ytitle now fits.
>> But then I need to add the '10^-25' on the actual ytitle, which just
>> looks silly. I was wondering if there is a way to make it look better,
>> so that the -25 is lifted (like you would see in Matlab when writing
>> 10^{-25})?

>
>> So it works, but looks unprofessional. Any advice on either problem?

>
> Use the POSITION keyword to give your plot more room on the
> left-hand side for the Y title:

>
> plot, ..., position=[0.2, 0.15, 0.925, 0.925]

>
> Use format codes to position the "-25" as a subscript:

>
> plot, ..., ytitle='Autocorrelation function*10!E-25!N [arb unit]'

>
> Cheers,

>
> David

> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thank you :) !!
