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Subject: Re: Need help with a plot

Posted by [David Fanning](#) on Sat, 16 Jun 2012 14:02:57 GMT

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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<sup>{-25}</sup>)?
- >
- > 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/>

Seppure ma de ni thui. ("Perhaps thou speakest truth.")

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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:

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>> ytitle is "cut out of the image", because there is no room for it, as  
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> David  
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> 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 :) !!

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