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Subject: Re: Another possible bug of the plot function in IDL8.2.3

Posted by [Xin Tao](#) on Tue, 23 Jul 2013 13:21:52 GMT

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Will do. Thanks for your reply.

Xin

On Tuesday, July 23, 2013 12:56:40 AM UTC+8, Mark Piper wrote:

> On Sunday, July 21, 2013 6:28:46 AM UTC-6, Xin Tao wrote:

>

>> IDL> print, !version

>

>>

>

>> { x86\_64 darwin unix Mac OS X 8.2.3 May 2 2013 64 64}

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>>

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>

>> Here is the problem I have found. Not sure whether other people have reported this or not. I discovered this while making some plot using data from a simulation. So the numbers below might look strange to you.

>

>>

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>

>> IDL> print, mean\_b

>

>>

>

>> 0.0024484981

>

>>

>

>> IDL> print, maxb

>

>>

>

>> 0.047594825

>

>>

```

>
>> IDL> print, minb
>
>>
>
>> 1.00000000e-18
>
>>
>
>> IDL> a=plot([0,999], [minb,maxb], /ylog, yrange=[mean_b, maxb])
>
>>
>
>>
>
>>
>
>> The y axis of this plot is totally wrong. There is something wrong with the use of YRANGE in
this case. However, if I do the following, the resulting figure looks fine.
>
>>
>
>>
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>>
>
>> IDL> a=plot([0,999], [minb,maxb], /ylog)
>
>>
>
>> IDL> a.yrange=[mean_b, maxb]
>
>>
>
>>
>
>>
>
>> This sounds like a bug to me, but I'm not sure whether other people can reproduce this or not.
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>>
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>>
>
>>
>
>> Xin
>

```

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>  
> Hi Xin,  
>  
>  
>  
> Yup, this is a bug, just reported last week & with the workaround you've found. Would you  
please send a quick email to Tech Support so they can add you to the ticket? It's IDL-68781.  
>  
>  
>  
> mp

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