
Subject: combine subsections within xlabel
Posted by [ele](#) on Wed, 09 Mar 2011 16:03:53 GMT
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Hi,

I'd like to plot two subsections from the x-axis straight after each other, say from 0 - 3 and from 8 - 14, ignoring the gap from 3 to 8 completely.

I have the label (wavelength) information as index in wl with 157 elements

```
plot, wl, lib[*], 0]
```

is it possible to force the plot somehow to ignore plotting and labeling 3 to 8 on the x-axis

Thanks
Andreas

Subject: Re: combine subsections within xlabel
Posted by [ele](#) on Fri, 11 Mar 2011 19:45:01 GMT
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On 11 Mrz., 10:53, chris <rog...@googlemail.com> wrote:

> On 9 Mrz., 21:57, Paolo <pgri...@gmail.com> wrote:

>

>

>

>> On Mar 9, 11:03 am, ele <eise...@googlemail.com> wrote:

>

>>> Hi,

>

>>> I'd like to plot two subsections from the x-axis straight after

>>> each other, say from 0 - 3 and from 8 - 14, ignoring the gap from 3 to

>>> 8 completely.

>

>>> I have the label (wavelength) information as index in wl with 157

>>> elements

>

>>> plot, wl, lib[*], 0]

>

>>> is it possible to force the plot somehow to ignore plotting and

>>> labeling 3 to 8 on the x-axis

>

>>> Thanks

```
>>> Andreas
>
>> Well, normally in this case you do 2 separate plots, but
>> position them next to each other. It's a bit tricky sometimes
>> to get them to align up properly but with some tweaking it should be
>> possible. It may be wise to scale the 2 components such that they
>> have the same size per unit of the x-coordinate (left as an exercise).
>
>> plot,[1,2,1,1],xrange=[0,3],/
>> xst,ystyle=8,position=[0.05,0.05,0.35,0.95]
>> plot,[8,10,12],[1,2,0],xrange=[8,12],/
>> xst,ystyle=4,position=[0.40,0.05,0.95,0.95],/noerase
>> axis,12,0,/
>> yaxis
>
>> Ciao,
>> Paolo
>
> Very cool!
>
> Cheers
>
> CR
```

thank/ you/ so/ much/ for/ your/ great/ help// you guys are awesome/
thanks/andreas
