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Subject: tick label problem

Posted by [steph](#) on Mon, 21 Feb 2005 17:11:24 GMT

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Hi,

I am using AXIS to plot a secondary x axis with customized tick position and labels. For some reason, I am not able to find a way to avoid having the 'zeroth' tick labeled with '0.000'. This is what I am using in my code (after I use plot with xstyle=8):

```
;Array of labels (numbers 0 to 5 --> strings)
lab = strtrim(string([0,1,2,3,4,5]),1)
```

```
;Array of position of ticks in data units
V = [0.0,0.123,0.435,0.668,1.12,1.67]
```

```
;Add secondary axis (x axis at top)
axis, xaxis=1, xticks=6, xtickv=V, xtickname=lab
```

With this code, IDL draws the secondary x-axis as required but also adds a label '0.000' at the location of the yaxis. This label is wrong but I don't know how to get rid of it. Any ideas?

Many thanks,  
Steph

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Subject: Re: tick label problem

Posted by [Heinz Stege](#) on Tue, 22 Feb 2005 21:36:47 GMT

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On 21 Feb 2005 09:11:24 -0800, steph wrote:

```
> ;Add secondary axis (x axis at top)
> axis, xaxis=1, xticks=6, xtickv=V, xtickname=lab
>
```

Isn't xticks the number of tick intervals? (Instead of the number of ticks.) If so, then this should work:

```
axis, xaxis=1, xticks=5, xtickv=V, xtickname=lab
```

Greetings, Heinz

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