
Subject: Re: Labeling logarithmic axes

Posted by [laura.hike](#) on Wed, 02 Mar 2016 20:25:57 GMT

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Phil,

I still can't get this to work. When I add your commands after making the plot, it reverses the orientation of the y-axis (i.e., was 1000 to 100, reverses to 100 to 1000). If I force the orientation with a new yrange command, it flips, but the locations of the tick marks are incorrect: 100 is closer to 200 than 900 is to 1000. I don't understand this.

Laura

On Saturday, February 27, 2016 at 2:50:53 PM UTC-5, Phillip Bitzer wrote:

> On Thursday, February 18, 2016 at 7:16:10 PM UTC-6, Laura H. wrote:

>> The problem is that as soon as I add the ytickname option, the tick marks go back to linear spacing. Does anyone know how to fix this? I should point out that the plotted lines are not affected by the changes to the axis, only the axis markings are.

>>

>> Thanks much,

>>

>> Laura H.

>

> Hi Laura-

>

> You're going to want to suppress the minor ticks for this:

>

> p=plot(/test, /ylog, yrange=[1000, 100])

> ticks = [1000, 500, 200, 100]

> p.ytickvalues = ticks

> p.yminor=0

>

> For kicks and giggles:

> ticks2 = REVERSE((FINDGEN(10)+1)*100)

> p.ytickvalues = ticks2
