
Subject: Re: Histogram with logarithmic filling
Posted by [David Fanning](#) on Wed, 31 May 2006 17:11:13 GMT
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Jo Klein writes:

> Hm why not? Have you tried setting the /ylog keyword to plohist? What
> happens then?

Well, it is a *little* more complicated than that because the author of PLOTHIST never anticipated someone might actually set the PLOT YLOG or XLOG keywords. I've only investigated the case where YLOG=1, but you have to change a number of yfill values to 1 (instead of 0), and you have to remember that !Y.CRANGE contains the exponents of the range values, not the values themselves when you are in a LOG plot. So you need something like this:

$$Yfill = Yfill > 10^{(!Y.CRANGE[0])} < 10^{(!Y.CRANGE[1])}$$

In place of this:

$$Yfill = Yfill > !Y.CRANGE[0] < !Y.CRANGE[1]$$

But about 10 minutes work should set you right for log plots. :-)

Cheers,

David

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