
Subject: contour with logarithmic axis

Posted by [Hilmar GUDMUNDSSON GL](#) on Fri, 08 Jun 2001 15:13:29 GMT

[View Forum Message](#) <> [Reply to Message](#)

I'm having problems with contour using a logarithmic x axis. When I contour the data using

```
CONTOUR, matrix, x,y, xrange = [xmin, xmax], yrange = [ymin,
ymax], $
    xtitle = x_t, ytitle = y_t, max_value = 1000., level = levels,
xtype=1
```

the contour lines only appear on a part of the plot. Depending on the exact values of xmin and xmax, the fraction of the plotting area that is contoured changes in an erratic fashion. I can use `alog10(matrix)` and `alog10(x)`, which produces a plot which is OK but I would rather like to stick to having the x axis logarithmic if possible.

Has someone else run into this problem? Any solutions?

hilmar
