## Subject: Supressing 0 in axis (icontour) Posted by Olaf Stetzer on Fri, 30 Jan 2004 17:13:29 GMT

View Forum Message <> Reply to Message

Hello,

after playing around with itools I come closer to the result I expect. Since my data is better displayed with the y-axis being logarythmic and icontour does not support this I did this on my own:

Recalculating the axis data and generating some useful tickvalues and -labels. But icontour is so "smart" to add the tick mark at 0 (log 1) by its own:-(

Is there one way tu supress this behaviour or perhaps another way to get a log y-axis? Another point: There is a property called "Automatic [XY] axis range updates". Can I set this to "false" from the program? It seems that there is no keyword for that!

Thanks,

Olaf

```
Here is the code I use:
loadct,4,ncolors=256
rgb=intarr(3,256)
tvlct,rgb,/get
data_max=max(dN)
channels_log=alog(channels)
iContour, transpose(dN), time, channels log, $
   identifier=ID, $
   xtitle='Me�zeit [s]', $
   ytitle='Durchmesser [�m]', $
   ytickvalues=alog([0.1,0.2,0.5,1,2,5,10]), $
   ytickname=['0.1','0.2','0.5','1','2','5','10'], $
   yminor=1, $
   title=('PSC8 Experiment Nr. ' + strtrim(aktivierung,2)), $
   rgb_table=rgb, $
   n levels=40,$
   xrange=[0,max(time)], $
   yrange=alog([0.1,10]), $
   /fill
```