
Subject: polar_contour with log coordinates

Posted by [Andrea\[1\]](#) on Sat, 15 Nov 2014 15:03:50 GMT

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Hi, I'm using polar_contour to plot data from a simulation in spherical coordinates.
I replaced the contour command with cgcontour in polar_contour, so basically an example is

```
nr = 50; number of radii
nt = 50 ; number of Thetas
; Create a vector of radii:
r = FINDGEN(nr)/(nr-1)
; Create a vector of Thetas:
theta = !PI * FINDGEN(nt)/(nt-1)
; Create some data values to be contoured:
z = COS(theta*3) # (r-0.5)^2
; Create the polar contour plot:
POLAR_CONTOUR, z, theta,r, /cell_FILL, nlevels=10, /win, aspect=0.5
```

everything is ok, but I would like to have the radial axis in log, since I have different order of magnitudes in the radius of the real data.

How can I do this?
