Subject: overplotting contours on tvimage....

Posted by astroboy.20000 on Mon, 08 May 2017 19:50:15 GMT

Hello,

I'm trying to overplot contour lines on an image made with David Fanning's TVIMAGE command.

I'm doing something like this:

data=world()   ;360x360 array, ranges from 0 to 254
tvimage,data,position=[.5,.5,.6,.6] ; I need to do multiple plots

contour,/overplot,data,levels =[100,150,200]

No contours show up.

I've thought about doing a congrid command something like this:

data2 = congrid(data,x_panel_size, y_panel_size)
contour,data2,/overplot,levels =[100,150,200]

but I can't figure out how to get the size of the current plot, that is, the image I plotted at position=
[.5,.5,.6,.6].

Any suggestions would be welcome. I've been banging my head against the wall for a couple of days now.

Mark