
Subject: Re: 2D Plot in IDL with shading?

Posted by [penteado](#) on Tue, 22 Jun 2010 16:10:09 GMT

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

On Jun 22, 11:23 am, Ally <ally.desh...@gmail.com> wrote:

> My data isn't organized that way. It's real time data from a balloon
> flight so the azimuth and elevation of the sun are constantly
> changing. Does this mean they are not regular and I should let the
> gridding wizard interpolate them?

Yes. Or you can interpolate and then pass the result to the tools, in case you do not want to do things interactively every time:

```
triangulate,elevation,azimuth,tr
```

```
response_2D=trigrd(elevation,azimuth,response,tr,xgrid=el_grid,ygrid=az_grid,nx=200,ny=200)
```

(just guessing at 200 grid points, obviously; you need to find out which grid resolution is most appropriate)

then you could do

```
iimage,response_2D,el_grid,az_grid
```

Or similarly with isurface or icontour.
