Subject: Re: 2D Plot in IDL with shading?
Posted by Ally on Mon, 21 Jun 2010 18:41:57 GMT
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On Jun 21, 11:14 am, pp <pp.pente...@gmail.com> wrote:
> On Jun 21, 12:09 pm, Ally <ally.desh...@gmail.com> wrote:
>
>> Great, that's exactly what I needed! I'm working on creating it right
>> now. Out of curiosity, is there any way to make a graph like that in
>> 2D to start with, without a z-axis and just response plotted in color
>> vs azimuth and elevation?
>
> That is what would be called an image, which can be made with
>
> iimage,response,elevation,azimuth

I keep trying but can't seem to get isurface to graph it. I may be
missing something basic but I've been reading through different
examples and can't figure it out. Here is what I have:

rows = 5273670
OPENR, lun1, 'ss_raw_06.dat', /GET_LUN
data = DBLARR(2,rows)
READF, lun1, data
response= data(1,*)

OPENR, lun2, 'az.dat', /GET_LUN
data2=DBLARR(2, rows)
READF, lun2, data2
az_g= data2(1,*)

OPENR, lun3, 'sun_el_and_az.dat', /GET_LUN
data3=DBLARR(2,rows)
READF, lun3, data3
az_s=data3(1,*)
elevation=data3(0,*)

azimuth=(az_s)-(az_g)

isurface, response, elevation, azimuth

It runs fine and the iSurface tool opens, there's just nothing
graphed.