Subject: black window on fsc surface & fsc surface log? Posted by u2s5thmember on Tue, 10 Aug 2004 19:48:35 GMT

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I have three arrays: x, y, z
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x ranges from 180 to 250 y ranges from 1e-08 to 3e-04 z ranges from 0.002 to 1

Following the examples of some of Dave Fanning's programs I got this far:

WINDOWSIZE = 250

Triangulate, x, y, triangles, boundaryPts

s = Size(triangles, /Dimensions) num triangles = s[1]

gridSpace = [0.01, 0.05]

griddedData = TriGrid(x, y, z, triangles, gridSpace, \$ XGrid=xvector, YGrid=yvector)

griddedData = TriGrid(x, y, z, triangles, gridSpace, XGrid=xvector, \$ YGrid=yvector, /Quintic, Extrapolate=boundaryPts)

Window, /Free, Title='Uptake(Temp, PHNO3)', \$ XSize=WINDOWSIZE*2, YSize=WINDOWSIZE*2, \$ XPos=2*WINDOWSIZE*1.5 + 20, YPos=WINDOWSIZE + 30 Surface, griddedData, xvector, yvector, /NoData, /ylog, /zlog, \$ xcharsize=3, ycharsize=3, zcharsize=2, Color=0, \$ xrange=[180,250], yrange=[1e-8, 1.E-2], zrange=[1e-3, 1] Surface, griddedData, xvector, yvector, XStyle=4, \$ YStyle=4, ZStyle=4, /NoErase ._____

so from what I understand, the above code seems to work properly, but I can't really see the output and I can't manipulate plot etc... therefore,

I would like to view the above surface plot using fsc_surface or fsc_surface_log instead of just using "surface", but all I get is a black screen when I try either of the following commands:

fsc_surface, griddedData, xvector, yvector fsc_surface_log, griddedData, xvector, yvector

So... in the above commands, is it correct to use the "griddedData" array as the 2d data array called by fsc_surface and fsc_surface_log??

btw, The 2D array, "griddedData" has lots of negative numbers? why is that, since none of my data are negative??? Is there a connection between black screen as output of fsc_surface and negative numbers?

I don't have any idea how to proceed on this one & unfortunately, I understand only the general idea of widgets & object programming, so any info will probably need to be pretty specific.

Thank you in advance for your suggestions!