Subject: Re: Cross-section
Posted by pford on Sat, 07 Sep 1996 07:00:00 GMT
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In article <Pine.SGI.3.91.960828160955.9999C-100000@swsgi01>, Richard Dixon <rdixon@swsgi01> wrote:

- > As part of my Ph.D I am starting, I need to be able to display some
- > grpahics. The data set is integers in x,y and z positions, with x and y
- > part of a 92x92 grid, with 19 z levels. I need to display a vertical
- > cross section along any line in the x,y plane.

>

- > Is this easily done, and can anyone point me to any commands that I can
- > use I am a new user of IDL!

>

> Many thanks,

>

> Rich

From one IDL-novice to another, you can take this for what it is worth.

I can think of two ways.

- 1) The slicer command R 1-812, looks like just what you want.
- 2) a klugy way:

M = intarr(92,92,19)

xy = intarr(92,92)

xz = intarr(92,19)

.

xz = M(*,5,*); xz is now the 92,19 pixel slice where y = 5 tvslc, xz