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Subject: Axes etc. in XVOLUME

Posted by [K. Bowman](#) on Wed, 18 Feb 2004 18:40:21 GMT

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I need to do some volume visualization, so I have been playing with XVOLUME.

Like many built-in IDL routines, XVOLUME assumes that the user is happy with "coordinate axes" whose units are array indices. This makes it useful for producing art, but not scientific graphs. I would like to provide coordinate values and names (not just "X"). It would also be nice to know just which isosurface is being rendered.

Has anyone made the necessary modifications to XVOLUME to do either of these things? I have looked at the XVOLUME code and rapidly found myself lost among the objects.

BTW, what does the 'Select' button do? I can select something in the plot, but then what?

I briefly tried iVolume, but I rapidly ended up with all of the buttons grayed out, unable to do anything. That program has me completely baffled.

Ken Bowman

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