Subject: How to get an arbitrary sectional slice in 3D array? Posted by Nianming Zuo on Mon, 27 Aug 2007 08:48:40 GMT

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Dear all,

I have a 3D image stored in a 3D array myimg(x, y, z).

How can I get an artitrary sectional slice image fro such a 3D array (Not only along x-, y- or z- direction).

Namely, given an arbitrary plane with (point, normal_vector) in 3D space, which indicates

that this plane goes through point "point" and normal vector is "normal_vector",

we can easily get the image laied in this plane.

Certainly, we can get the data in arbitrary plane by interpolation. I only wonder if

there is an existing function in IDL? (my version is 6.0)