Subject: 4D data plot
Posted by Zhang Bo on Tue, 13 Mar 2012 18:41:35 GMT

Hi dear IDL users,

I have a 4D data pool (x,y,z,concentration) which represents a transport trajectory of an air plume. I am imaging to do a 3D plot with 3 axises as x,y,z and use color to show concentration. The difficulty is the conc is actually for a 3D cell not the junctions, so it's like the difference between 2D scatter plots and contour plots. This won't be a problem if the data resolution is great, but I don't have. Any suggestion?

Another idea is plotting a slice at a certain x or y position and show the conc on a cross section. I have seen people done this but don't know how.

I would be happy to hear anything to both methods, thanks.