Subject: Variable Pixel Spacing for Images in IDL
Posted by robseigel on Fri, 29 Nov 2013 13:54:51 GMT

Hello,

I have a 2D array that is an x-z vertical plane, where the vertical axis is stretched from ~ 25 meter spacing between rows at the bottom (index = 0) to 100 meter spacing at the top. I am trying to plot these data as an image with the y-axis "stretched" appropriately:

```
yaxis = zcoords  ; Vertical axis [12.4,37.67,63.44...16400,16500,16600]
xaxis = xcoords  ; Horizontal axis [0,100,200...50900,51000,51100]
p = image(rgbData,xaxis,yaxis,/buffer, $
      axis_style=2)
```

But, the above code does stretch the image properly. Using contour stretches the data fine, but I would prefer to plot these data as an image. Does anyone know how I can plot these data as an image so that the data points match the locations specified by yaxis?

Thanks,
Rob