
Subject: Re: plotting

Posted by news.verizon.net on Sat, 05 Aug 2006 19:14:42 GMT

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Amanda wrote:

> I have a file of 103 redshift values and I want to plot them on the x
> axis against the number of times that each one occurs on the y axis.

This is the definition of a histogram. You will want to use HISTOGRAM function, and plot the histogram of the redshift vector.

If you are going to be using IDL for astronomy, then you might want someone (the same person whot told you about readcol.pro) help you download the entire IDL astronomy library so that you have access to all the procedures in it. Then if you have a file, say 'redshift.dat', with 103 redshift values, the following two commands will plot a histogram of the redshift values.

```
IDL> readcol,'redshift.dat', z ;Read the redshift values from the  
file
```

```
IDL> plothist, z, bin=0.1 ;plot a histogram with a binning of  
0.1 in redshift space
```

--Wayne Landsman
