Subject: Re: to convert pixel numbers into wavelength Posted by penteado on Mon, 22 Mar 2010 15:58:28 GMT

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On Mar 22, 10:57 am, sid <gunvicsi...@gmail.com> wrote:

- > My data is in fits format which is taken using 1k by 1k ccd. So the
- > data has 1024 rows and 1024 columns each having different count
- > values. I need to convert this pixel number by wavelength, to do that,
- > im having a relation like,
- > lamda(n)=lamda(0)+n(dispersion)

Just use what you wrote:

lambda=lambda\_0+dindgen(1024)\*dispersion iplot,lambda,flux

Where lambda\_0, dispersion and flux are the variables you got from the file. In case you are wondering, dindgen(1024) is a function that returns an array with 1024 elements, with values from 0 to 1023.