
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,
> $\lambda(n) = \lambda(0) + n(\text{dispersion})$

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.
