
Subject: in plot_image how do we change the tick values
Posted by [gunvicsin11](#) on Sat, 06 Aug 2016 14:41:53 GMT
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hello,

I am using plot_image xaxis is shown as pixels but in order to change to arcsec how do we give the values in xaxis instead of the pixel values.

pls help me in this regard.

thanks

Subject: Re: in plot_image how do we change the tick values
Posted by [Markus Schmassmann](#) on Mon, 08 Aug 2016 09:26:17 GMT
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On 08/06/2016 04:41 PM, sin <gunvicsin11@gmail.com> wrote:

> I am using plot_image xaxis is shown as pixels but in order to change
> to arcsec how do we give the values in xaxis instead of the pixel
> values.

try one of these:

plot_image, image, scale=[xscale,yscale]

plot_image, image, scale=[xscale,yscale], /nosquare

Subject: Re: in plot_image how do we change the tick values
Posted by [jai](#) on Wed, 17 Aug 2016 04:53:01 GMT
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On Saturday, August 6, 2016 at 8:11:57 PM UTC+5:30, sin wrote:

> hello,

> I am using plot_image xaxis is shown as pixels but in order to change to arcsec how do we give the values in xaxis instead of the pixel values.

>

> pls help me in this regard.

>

> thanks

I assume you are plotting the image from a fits file with a header. The header contains the keyword CDELT1 and CDELT2 these are the scales to be used along X and Y respectively. you can do something like this

plot_image,image,scale=[index.cdelt1,index.cdelt2]

Subject: Re: in plot_image how do we change the tick values

Posted by [gunvicsin11](#) on Wed, 17 Aug 2016 05:06:30 GMT

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On Saturday, August 6, 2016 at 8:11:57 PM UTC+5:30, sin wrote:

> hello,

> I am using plot_image xaxis is shown as pixels but in order to change to arcsec how do we give the values in xaxis instead of the pixel values.

>

> pls help me in this regard.

>

> thanks

Thanks a lot for the help.
