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Subject: Re: meanclip

Posted by [Charlie Paul D'auria](#) on Sat, 08 Dec 2012 20:32:57 GMT

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On Thursday, 6 December 2012 11:13:48 UTC, Charlie Paul D'auria wrote:

> Hi everyone.

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> I was just wondering if anyone can guide me in using meanclip.pro? I'm am an IDL beginner and the online documentation is sparse.. (I don't get it)

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> I have a double array of 2 columns and 1439 rows.

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> I'd like to use this program to clip data that is a certain amount of sigma away from the last value and then plot it. I am also using the Poly fit routine if this is relevant.

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> Any help would be great appreciated!

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> Charlie

Thanks for the help so far, and sorry for the lack of details!!

Wayne, what you've written seems great, I will try this.

The array contains data relating to the flux versus time of an astronomical event. The data shows strange characteristics such as dips, which I am hoping to remove by a method other than just 'cutting' them out by eye. I was hoping to use a program that discards data that is outside an allowed limit from the previous data point.

I have used poly fit to fit a trend line to see if the data fits a certain gradient.

Anyway, I'll give what I've got a go.

Charlie

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