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Data fits

1 message

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18 February 2009 16:05

To: Peter Gallagher <peter.gallagher@tcd.ie>, Shaun Bloomfield <shaun.bloomfield@tcd.ie>, James McAteer <rtjmca@gmail.com>, Jason <jbyrne6@gmail.com>

Hi everybody

I've attached plots showing linear and parabolic fits to the 195A and 171A data for each event. I haven't added any noise to this data. Each plot shows the fits and gives the relevant chi-squared values.

I've also measured the mean % scatter for each fit from the data. This varies from 0.2 to 15%, with an average of ~6.3% independent of fit or passband. This suggests that the approximation of the errors as ~10% of the value of the data point is valid.

I assume as well that you all got the copy of the email from Lidia. It would probably be best to assume that the deadline for the paper is now Friday March 6th. This gives us just slightly over 2 weeks to agree on the content of the paper and refine it. I won't be here next week, so it may be beneficial for someone else to take the tex files for writing the paper so that it doesn't stagnate for a week.

Let me know what you think

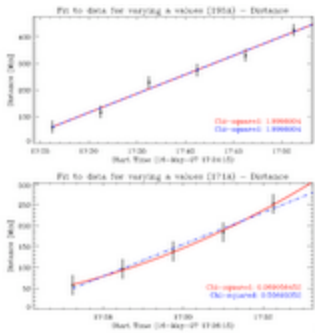
Thanks

Dave

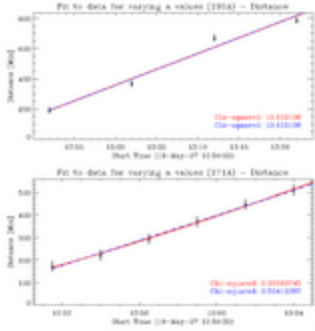
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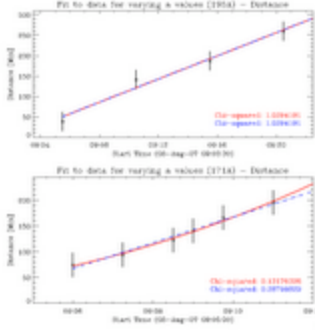
7 attachments



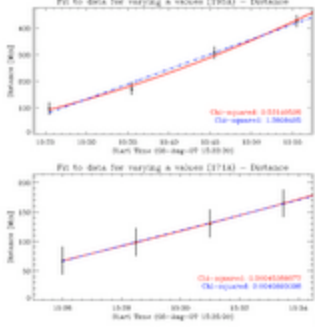
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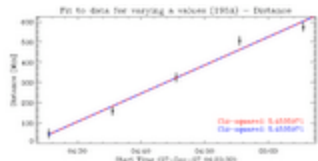
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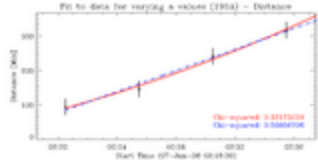
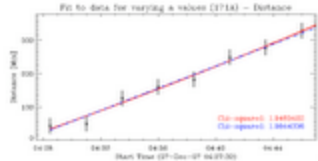
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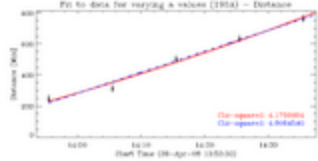
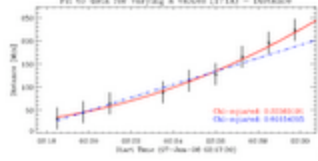
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