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Subject: [FIX]

Posted by [Ralf Kliemt](#) on Wed, 06 Nov 2013 14:43:17 GMT

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Hi everybody.

The plots from last monday meeting (see [here](#)) showed strang result for the PRG fitter. I found the simple solution: For reasonable results one needs at least two iterations.

That's it.

I produced the plots again, doing two iterations in the PRG Fast, PRG Full and KinVtx fitters. You find them to be almost identical (for that clinical ensemble of tracks).

The very last plot shows off how much time was needed to run these algorithms. I.e. only the Fit() calls were measurtd, not plotting the histograms and the used time is the "real time".

One can see how the consumption is factors larger when compared to the POCA finder, as expectd.

Cheers

Ralf

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#### File Attachments

1) [HistoVertexing-gfitsA4.pdf](#), downloaded 461 times

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Subject: Re: [FIX]

Posted by [Stefano Spataro](#) on Wed, 06 Nov 2013 15:28:45 GMT

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Great,

is it possible to modify the wiki tutorial, to write that if you use such PRG fitters you need to run it twice, and put some sample code?

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