
Subject: Re: genfit in pandaroot - trunk rev 25180: test macros
Posted by [Elisabetta Prencipe \(2\)](#) on Thu, 29 May 2014 15:31:00 GMT
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Hi Gianluigi!

good news!

it is not needed for now that I run stt hits without mvd its. So, imagine that I already simulated and digitized and reconstructed events, for whatever physics channel. All detectors are in. PID is also in. Or maybe I can use Box Generator, and I have one single pion, $p=1$ GeV/c. Now I am in the situation to check what is the d_0 , z_0 , $\tan\lambda$...distributions for the tracks which I have reconstructed.

I wish to test if the width of the kalman parameter distributions is 1. I guess, you have already written macros which I can use, without I do it myself. I would like to show at the upcoming collaboration meeting differences between genfit1 and genfit2 performances (momentum resolution for different track momentum, pull distributions, d_e/dx maybe) So if I can run your macros, it would be awesome. So, we can do tests on the same observables. I agree with you, the macros in stt/ or /mvd in the folder /macro/ , are obsolete. So, which ones can I use? Could you please say to me, without I write something myself, if something exists and where it is and how I can use it? I would really appreciate, and it would save my time.

Thank you again for your kind help and for your macros,

Elisabetta
