
Subject: invariant mass

Posted by [ForamShah](#) on Wed, 26 Mar 2014 11:53:34 GMT

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hi,
i have studied the <https://panda-wiki.gsi.de/foswiki/bin/view/Computing/PandaRootRhoTutorial>
I link which u had send me for invariant mass calculation but i am not able to understand in
which file we have to add this program (sim,ana or pid)??

Subject: Re: invariant mass

Posted by [Ralf Kliemt](#) on Fri, 28 Mar 2014 10:09:52 GMT

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Hello ForamShah,

I quote from that Wiki page:

Quote:For running the simulation, digitization, reconstruction, and PID

- * tut_sim.C - Simulation with Geant3/4
- * tut_dig.C - Digitization
- * tut_rec.C - Reconstruction
- * tut_pid.C - Track association with PID detectors
- * tut_runall.sh - Shortcut shell script to run all four macros

These files are necessary to run the complete simulation and reconstruction chain.

Now analysis is done with a root macro, here called tut_ana*.C. I would suggest you to copy
one of the defaults given here and extend it to your specific needs.

Cheers

Ralf

Subject: Re: invariant mass

Posted by [ForamShah](#) on Fri, 28 Mar 2014 10:59:44 GMT

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hi,
i want to know that for specifically invariant mass there is a program given in link i wanted to
know where to add that(sim,dig,ana,rec)??and what r the changes to be made to see invariant
mass plot????

Subject: Re: invariant mass

Posted by [StefanoSpataro](#) on Fri, 28 Mar 2014 11:58:19 GMT

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Have you read the tutorial? Everything is nicely explained there.

<https://panda-wiki.gsi.de/foswiki/bin/view/Computing/PandaRootRhoTutorial> I

Subject: Re: invariant mass

Posted by [StefanoSpataro](#) on Fri, 28 Mar 2014 12:15:26 GMT

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In the analysis macro, i.e. tut_ana.C

Subject: Re: invariant mass

Posted by [ForamShah](#) on Fri, 28 Mar 2014 13:25:06 GMT

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thanks for ur reply
