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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/PandaRootRhoTutoria>  
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)??

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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

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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????

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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/PandaRootRhoTutoria> I

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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

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Subject: Re: invariant mass  
Posted by [ForamShah](#) on Fri, 28 Mar 2014 13:25:06 GMT  
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thanks for ur reply

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