Subject: [FIXED] error occuring on using different event generator
Posted by ForamShah on Thu, 27 Mar 2014 10:28:43 GMT
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hi,
i have used different eventgenerators (dpm,evtgen,boxgenerator) by making changes in
simulation file when i run it for 10 events it runs well but not working for 1000 events iget the
following error,

[ERROR] init() ANAPidSelections not initialized
Error in <FairRuntimeDb::initContainers()>: Error occured during initialization
[INFO   ] The number of entries in chain is 1000
[INFO   ] The number of entries in chain is 1000
Error: Symbol homegam_nopid is not defined in current scope tut_ana.C:138:
Error: Failed to evaluate homegam_nopid->Fill(jpsi[j].M())
*** Interpreter error recovered ***

how to solve this error??
what r the changes that i can expect by using different eventgenerators??

Subject: Re: error occuring on using different event generator
Posted by StefanoSpataro on Thu, 27 Mar 2014 10:31:58 GMT
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Error: Symbol homegam_nopid is not defined in current scope tut_ana.C:138:

You need to define the histogram homegam_nopid, in your analysis macro. It is completely
uncorrelated to the event generators.

Subject: Re: error occuring on using different event generator
Posted by ForamShah on Thu, 27 Mar 2014 10:37:08 GMT
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if we use different event generators what difference will it make??????

Subject: Re: error occuring on using different event generator
Posted by Elisabetta Prencipe (2) on Thu, 27 Mar 2014 10:38:49 GMT
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Hello Foram,

 you get an error in your analysis macro. There is an histogram not defined at the beginning, as
well as I understand from your error message.
Concerning the story of the number of events to run: did you change it in your sim macro? You
can pass this information even by external.

Something like:
.x mysim.C(1000)

You can run your analysis macro maximum on the number of simulated events you build, of course.

For your signal event, please use EvtGen; for simulating background pp to qqbar: you can use DPM Mc generator

Elisabetta

Subject: Re: error occuring on using different event generator
Posted by StefanoSpataro on Thu, 27 Mar 2014 10:39:25 GMT
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For one generator you enter inside some condition and you fill the not defined histogram. For other generators the condidition is not fulfilled and it does not fill the histogram, then it does not crash.