
Subject: [NOTABUG] Error in MC generation
Posted by [kamalpdutta](#) on Thu, 03 Dec 2015 07:19:36 GMT
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Dear all,
I am using Pandaroot version mar15. While generation MC events using the tutorial macros in tutorial/rho , the following error appears for some of the events in the simulation stage,

Error in <TArrayF::At>: index 551452 out of bounds (size: 544960, this: 0x2a099c0)

Is this a serious problem ? What does it mean ?

thanks.

Subject: Re: Error in MC generation
Posted by [StefanoSpataro](#) on Thu, 03 Dec 2015 08:26:34 GMT
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Hi,
if you go in the wiki FAQ: Troubleshooting PandaRoot Running, you can read that:

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

Quote:Q: I see many "Error in < TArrayF::At >:" in my simulation. Should I be concerned?

No, you should not. This is a field warning once the index is outside the boundaries of the field grid. It is safe.

Subject: Re: Error in MC generation
Posted by [kamalpdutta](#) on Thu, 03 Dec 2015 09:53:21 GMT
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Thank you sir. One another issue. Suppose we need 1 million event for a particular decay channel in background study. If we generate 1 million events into two parts separately like 0.5 million each, and then use the two outputs in our analysis to make it 1 million, does it effect on the analysis in any way ?

thanks

Subject: Re: Error in MC generation
Posted by [StefanoSpataro](#) on Thu, 03 Dec 2015 09:58:32 GMT
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There is no difference.

Subject: Re: Error in MC generation
Posted by [kamalpdutta](#) on Thu, 03 Dec 2015 10:18:23 GMT
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Thanks.
