
Subject: EMFFGen as a pi + pi - generator
Posted by [donghee](#) on Thu, 12 Mar 2015 08:17:24 GMT
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Hi all,

I would like to study the pi+ pi- MC data.
I found that EMFFgenerators are already implemented, and the library libEMFFGEN is already compiled during the installation of pandaroot as a default process.

I am trying to produce data with this package at PANDAroot, I introduced library at simulation.

Quote:

```
//at the beginning  
gSystem->Load("libEMFFGEN");
```

```
// after the definition of primGen
```

```
PndPiPiGenerator* pipiGen = new PndPiPiGenerator();  
pipiGen->SetBeamMom(mom);  
pipiGen->SetSeed(seed);  
pipiGen->SetCosThetaMin(-theta);  
pipiGen->SetCosThetaMax(theta);  
primGen->AddGenerator(pipiGen);
```

But I could not find PndPiPiGenerator at all.
What is the correct way to use pipi generator at PANDAroot?

best regards,

Donghee

Subject: Re: EMFFGen as a pi + pi - generator
Posted by [StefanoSpataro](#) on Fri, 13 Mar 2015 12:16:41 GMT
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What do you mean you could not find it, if the files are there?
In any case, Dmitry Khaneft committed the code, who should not seat so far from you. You could ask him how to use it.

Subject: Re: EMFFGen as a pi + pi - generator
Posted by [donghee](#) on Fri, 13 Mar 2015 20:53:51 GMT
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Dear Stefano,

I made a contact with Dmitry and Manuel and they show me the correct way to use pi+pi-simulation code.

It turns out that I need to call rootlogon as well before loading libEMFFGEN

Quote:

```
gROOT->LoadMacro("$VMCWORKDIR/gconfig/rootlogon.C");  
rootlogon();  
gSystem->Load("libEMFFGEN.so");
```

Then PndPiPiGenerator can be accessible without trouble.

Thank you all of you for great help.

Best wishes,

Donghee

Subject: Re: EMFFGen as a pi + pi - generator

Posted by [Stefano Spataro](#) on Sat, 14 Mar 2015 07:54:34 GMT

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In reality the lines:

```
gROOT->LoadMacro("$VMCWORKDIR/gconfig/rootlogon.C");  
rootlogon();  
gSystem->Load("libEMFFGEN.so");
```

are not needed. This means that the CMakeLists.txt has errors inside.
