Subject: Doing collisions and input information.
Posted by Raghav Kunnawalkam on Fri, 20 Apr 2012 13:46:46 GMT
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Hi Guys

So now i have my detector (EIC) up and running and i started doing some collisions.
Ideally i would like to input a pythia file which has all the necessary primary information regarding particles and stuff. Is there a way for it to read a pythia file as a input for collisions?

Right now i am doing collisions like this:

```
FairBoxGenerator* boxGen1 = new FairBoxGenerator(11, 1); // 13 = muon; 1 = multipl.
boxGen1->SetXYZ(0., 0., 1200.); // mm o cm ??
boxGen1->SetPRange(-5.0,-5.0005); // GeV/c
boxGen1->SetPhiRange(0.,0.); // Azimuth angle range [degree]
boxGen1->SetThetaRange(0.,0.); // Polar angle in lab system range [degree]
boxGen1->SetCosTheta();
primGen->AddGenerator(boxGen1);

FairBoxGenerator* boxGen2 = new FairBoxGenerator(2212, 1); // 13 = muon; 1 = multipl.
boxGen2->SetXYZ(0., 0., -1200.); // mm o cm ??
boxGen2->SetPRange(5.0,5.0005); // GeV/c
boxGen2->SetPhiRange(0.,0.); // Azimuth angle range [degree]
boxGen2->SetThetaRange(0.,0.); // Polar angle in lab system range [degree]
boxGen2->SetCosTheta();
primGen->AddGenerator(boxGen2);
```

Is there a better way of doing it?

Thanks a lot
Cheers
Raghav