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Subject: Crash in PndDpmDirect

Posted by [Klaus Götzen](#) on Thu, 18 Feb 2010 14:58:47 GMT

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Hi,

while playing around with PndDpmDirect I encountered a crash when using mode 1 or 2 (i.e. elastic scattering). The (to a minimum reduced) code I used was

```
run_test()
{
  gROOT->LoadMacro("$VMCWORKDIR/gconfig/rootlogon.C");
  rootlogon();

  FairRunSim *fRun = new FairRunSim();

  FairPrimaryGenerator* primGen = new FairPrimaryGenerator();
  fRun->SetGenerator(primGen);

  PndDpmDirect *dpmGen=new PndDpmDirect(10.0,1);
  primGen->AddGenerator(dpmGen);
}
```

leading to a segmentation violation. This example works w/o crash with mode=0, but under particular conditions I also found it crashing in that case.

Does somebody have an idea what's going wrong?

Thanks,  
Klaus

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Subject: Re: Crash in PndDpmDirect

Posted by [Stefano Spataro](#) on Thu, 18 Feb 2010 15:05:13 GMT

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Maybe you should set thetamin.

This is not propagated in the PndDpmDirect class, but you could try to create your own dpm root file, and then to load it with PndDpmEvtGenerator. If it works, then it is a matter of this missing thetamin.

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