
Subject: Error in the PndFastSim

Posted by [Vanniarajan Suyam Jothi](#) on Thu, 05 Feb 2009 08:27:05 GMT

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Hello All,

I was trying out this FastSim for electron in the

Momentum range 0.01 - 5 GeV. I am using the current version from the trunk I get the following Error

```
CbmMCApplication::GeneratePrimaries()
```

```
-I CbmPrimaryGenerator: 1 primary tracks from vertex (0, 0, 0)Event Time = 0(ns)  
0 0.0001 0.0001 0.0001
```

```
Program received signal SIGFPE, Arithmetic exception.
```

```
[Switching to Thread 0xb6c7c6c0 (LWP 13953)]
```

```
0xb30b65b4 in PndFastSim::sumResponse (this=0x876c100, respList=@0xbf88d808) at  
/home/vanni/fairsoft/pandaroot/fsim/PndFastSim.cxx:860
```

```
860     if (fabs (val = resp->dV().Z()) > 1e-11) dVz += 1/(val*val);
```

```
Current language: auto; currently c++
```

Can anybody help me with this?

Regards,
Vanni

Subject: Re: Error in the PndFastSim

Posted by [Johan Messchendorp](#) on Thu, 05 Feb 2009 13:57:50 GMT

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Hi,

located bug... the following parameters were not initialized

```
double dVx; (line 810)  
double dVy;  
double dVz;
```

Later on these parameters are incremented with "dVx += <something>", but nowhere assigned! Rev4509: fixed it by initializing these to zero. I guess this is ok with Klaus G.....

Greetings,

Johan.
