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 foolowing 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 initializated

 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.