Subject: Error in the PndFastSim Posted by Vanniarajan Suyam Jothi on Thu, 05 Feb 2009 08:27:05 GMT View Forum Message <> Reply to Message

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?
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Regards,

Vanni

Subject: Re: Error in the PndFastSim Posted by Johan Messchendorp on Thu, 05 Feb 2009 13:57:50 GMT View Forum Message <> Reply to Message

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.