Subject: Re: segmentation violation in FairPrimaryGenerator
Posted by Anastasia Karavdina on Mon, 01 Oct 2012 18:16:04 GMT
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Ok. in meanwhile I recompile pandaroot and tried your suggestion about magnetic field usages and so on together with stand alone DPM version. It works, without any problem!
But if I use PndDpmDirect instead (basicly macro runLumi0DPMbkgSte) I have following log from GDB:
Program received signal SIGINT, Interrupt.
0x00007ffff04a1552 in dpm_event (nhad=0) at
/home/karavdin/pandaRoot12/pgenerators/DpmEvtGen/dpm_gen.f:334
334   SumPz=SumPz/float(Nhad)
Missing separate debuginfos, use: debuginfo-install expat-2.0.1-9.1.el6.x86_64
fontconfig-2.8.0-3.el6.x86_64 freetype-2.3.11-6.el6_0.2.x86_64 keyutils-libs-1.4-4.el6.x86_64
krb5-libs-1.8.2-3.el6_0.7.x86_64 libX11-1.3-2.el6.x86_64 libXau-1.0.5-1.el6.x86_64
libXcursor-1.1.10-2.el6.x86_64 libXext-1.1-3.el6.x86_64 libXfixes-4.0.4-1.el6.x86_64
libXft-2.1.13-4.1.el6.x86_64 libXpm-3.5.8-2.el6.x86_64 libXrender-0.9.5-1.el6.x86_64
libcom_err-1.41.12-7.el6.x86_64 libselinux-2.0.94-2.el6.x86_64 libxcb-1.5-1.el6.x86_64
openssl-1.0.0-4.el6_0.2.x86_64 pcre-7.8-3.1.el6.x86_64 zlib-1.2.3-25.el6.x86_64
(gdb) bt
#0 0x00007ffff04a1552 in dpm_event (nhad=0) at
/home/karavdin/pandaRoot12/pgenerators/DpmEvtGen/dpm_gen.f:334
#1 0x00007ffff049ff51 in dpm_gen (pluto=0, seed=50891) at
/home/karavdin/pandaRoot12/pgenerators/DpmEvtGen/dpm_gen.f:13
#2 0x00007fffec7deb57 in PndDpmDirect::ReadEvent (this=0x1731f50
../../gdb/stack.c:289: internal-error: print_frame_args: Assertion `nsym != NULL' failed.

Well, here I should admit that I use DPM code with corrections done by Stefan Pflueger which is not in trunk yet. But I'm still surprise to see how different DPM works as a stand alone compiled version.
I guess it's difficult to dig up the problem until DPM code will be in SVN.
Once again, thank you for your help, Stefano.