Subject: Re: segmentation violation in sim macro
Posted by Stefan Pflueger on Fri, 21 Sep 2012 09:29:18 GMT
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Hi,

I'm not totally sure that I understood your question completely, but here goes my answer:
I haven't tested your macro myself but in case this runs fine now, all you need to do is call the macro with different seed numbers to obtain "independent" samples. So by running

root -l -b -q run_sim_sttcombi_dpm.C\(10000, 1.5, 1, 123456.\)

you would obtain data with 10000 events which are generated with DPM with 1.5 GeV beam momentum in mode 1 (elastic & inelastic) with a seed of 123456. Change these numbers to your needs.

To automate this, you can use for example the $RANDOM variable in bash (in case this macro is not running very long)

for i in `seq 1 5`; do root -l -q run_sim_sttcombi_dpm.C\(10000, 1.5, 1, $RANDOM\); done

Otherwise you need to write something to submit it to some cluster etc.

Best regards,

Stefan