Subject: TPC digitization for more than 1000 events
Posted by donghee on Fri, 27 May 2011 12:05:14 GMT
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Hi all,

I want to get some advice from all PANDA user!
I'm trying to optimize events numbers for simulation with may11 stable version in my local farm.

I have electron particle simulated mainly in central part, TPC make huge amount of avalanche electron at some particular events in digitization process.

Of course it should take really time....but also not likely, usage of memory increase more and more if the events are going to more than ~1000 events. Then finally jobs crash...without output.

Memory RAM set 8 GB and swap allocates 10.0G in my local machine.
But roughly 5% of run, which has 1000 events, have such kind of problem in my machine.

In order to avoid this inefficient memory handling at TPC dig,
I reduce my event number as 200 in run, then looks fine for all.

Does anyone test already TPC Digi part with stable PANDAroot and with more than 10000 events for instance?

Thanks,
Donghee