Subject: Re: Fast simulation - MCTrack block
Posted by Klaus Götzen   on Tue, 01 Apr 2014 12:50:06 GMT
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Hi Elisabetta,

you can ignore the pdgcode=11 for EvtGen. It's the particle type for running Box generator, in case you want to do that. I introduced it to not modify always the macro for running particle-gun for different species. (It's actually described in the README like this.)

This error from FairPrimaryGenerator is normal because TDatabasePDG does not know about particles defined for EvtGen. However, myself I'm looking for a switch to turn it off. If you want to immediately get rid of it, you could also add

double sqrts = ...
TDatabasePDG::Instance()->AddParticle("pbarpSystem0","ppbar0",sqrts,0,0.0001,0,"",88880);
TDatabasePDG::Instance()->AddParticle("pbarpSystem","ppbar",sqrts,0,0.0001,0,"",88888);

in the beginning of simfast.C.

Best,
Klaus