
Subject: Re: Update on eta_c reconstruction with STT and TPC

Posted by [Stefano Spataro](#) on Mon, 27 Jun 2011 11:57:07 GMT

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Hi,

I have tried to run some events using your reco macro w/o MCTrackAssociator (which does not work with tpc), but I have the following crash:

GEANE propagation failed

in line: 305 in file:

/home/spataro/may11/pandaroot/GenfitTools/trackrep/GeaneTrackRep/GeaneTrackRep.cxx
with fatal flag 0

GException thrown with excString:

GeaneTrackRep: PROTECT AGAINST LOW MOMENTA

in line: 178 in file:

/home/spataro/may11/pandaroot/GenfitTools/trackrep/GeaneTrackRep/GeaneTrackRep.cxx
with fatal flag 0

RKTrackRep::RKutta ==> momentum too low: 2.38612 MeV

GException thrown with excString:

RKTrackRep::Extrap ==> Runge Kutta propagation failed

in line: 997 in file:

/home/spataro/may11/pandaroot/GenfitTools/trackrep/RKTrackRep/RKTrackRep.cxx
with fatal flag 0

PndTpcRiemannTrackingTask::Exec; Event Number: 131

RKTrackRep::setPDG particle -22 not known to TDatabasePDG -> abort

I don't know which code is using RKTrackRep, instead of GeaneTrackRep, and why -22 is used as pid hypothesis! I think we should use a standard hyp for the kalman and not the MC one, i.e. pion or muon.

I don't know how to proceed after this crash, help from experts is required.