
Subject: Re: Fitter Exceptions

Posted by [Aleksandra Wronska](#) on Thu, 04 Jun 2009 14:05:14 GMT

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Dear Christian,

I thought the lazy flag was supposed to relax the conditions of reconstruction? At least that's why I keep it set to 1.

My modifications to Kalman.cxx are the following:

awronska@lxi009:/d/panda02/awronska/pandaroot/genfit\$ svn diff Kalman.cxx

Index: Kalman.cxx

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--- Kalman.cxx (revision 5641)

+++ Kalman.cxx (working copy)

@@ -12,8 +12,9 @@

#include "FitterExceptions.h"

#define COVEXC "cov_is_zero"

+#define THETACUT "GEANE propagation not possible for p.theta<THETACUT"

+#define LOWMOM "GeaneTrackRep: PROTECT AGAINST LOW MOMENTA"

-

Kalman::Kalman():_lazy(0),_initialDirection(1),_numIt(3),_blowUpFactor(2
0.),_nullExtrapolation(false){}

Kalman::~~Kalman(){}

@@ -129,6 +130,10 @@

if(e.getExcString()!=std::string(COVEXC)) arep->setStatusFlag(1);
continue; // go to next rep immediately

}

+ if(_lazy && (e.getExcString()==std::string(THETACUT)

||e.getExcString()==std::string(LOWMOM))){

+ arep->setStatusFlag(1);

+ continue; // go to next rep immediately

+ }

}

}

}
} // end loop over reps

cheers,

ola
