
Subject: Re: Bug in GenfitTrack2PndTrack
Posted by [Lia Lavezzi](#) on Thu, 03 Sep 2009 14:05:35 GMT
[View Forum Message](#) <> [Reply to Message](#)

It could be due to the protection for the low momenta in the extrapolate function of GeaneTrackRep:

```
// protect against low momentum:
if(fabs(state[0][0])>10){
    FitterException exc("GeaneTrackRep: PROTECT AGAINST LOW
MOMENTA",__LINE__,__FILE__);
    exc.setFatal();
    throw exc;
}
```

Since when you call `gtr->getMom(lastPlane)` you perform an extrapolation and in this case $q/p = 10.19$ the extrapolation could fail.

You could try to comment out the lines of the protection against low momentum to see if the problems disappears.

Ciao,
Lia.