
Subject: Re: Start and stop values from PndRecoKalmanTask

Posted by [Simone Esch](#) on Thu, 15 Aug 2013 07:13:57 GMT

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Hello Stefano,

I checked the flag of my tracks.

18% of the tracks have the flag -1, which means that the NDF is zero, or that the transformation of a GeneFitTrack into a PndTrack failed.

(<https://subversion.gsi.de/trac/fairroot/browser/pandaroot/trunk/GenfitTools/adapters/PndGenfitAdapters.cxx> , around line 111)

The rest of the tracks have flag 1.

When I have a look at the tracks with Flag -1 I would say that the biggest amount of them is with this late start vector, but there is also an amount with I would judge as ok.

If i filter them out, I have still a big amount of tracks with a strange start value. So this is not a criteria for this .

What is the reason to get a fit with a $NDF=0$? What is in this case wrong with the fit? Should I filter them out?

Best Regards

Simone
