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Subject: Re: Changes in PndTpcRiemannTrackingTask  
Posted by [Anonymous Poster](#) on Tue, 26 Jul 2011 12:17:30 GMT  
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Hi,

even without smoothing we do forward and backward fits. So in principle we could have a different charge in the last point (from the forward fit) and the first point (from the backward fit).

However: Since we do repeated Kalman iterations this should never happen. A wrong charge hypothesis could be turned around in the first forward fit, but then it will stay. So with  $\geq 2$  iterations this should never happen.

Cheers, Christian

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