
Subject: Re: Charge in LheTrack and Kalman
Posted by [Anonymous Poster](#) on Fri, 21 May 2010 16:08:37 GMT
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Hi Lia,

in principle the charge can change in the fit. q/p , i.e. the signed curvature is a variable of the fit. It could be possible in some cases (very few hits close to each other, very high momenta,) that the sign of q/p can be wrongly reconstructed. q/p has a finite resolution. The track topology of these 3% of tracks must be special...

Cheers, Christian
