
Subject: Re: Momentum resolution and reconstruction efficiency of LHE tracking
Posted by [Stefano Spataro](#) on Wed, 10 Feb 2010 23:21:11 GMT

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Hi,

LHE ideal track finder is an ideal track finder (no conformal mapping) inside the package. However, the SttHelixHit are coming from the (realistic) STT helix fit. This means that, if for some reason the STT helix fit failed, the track will have no hits (or maybe wrong hits), and the track will be simply lost. This effect is more pronounced at low momenta, where for some unknown reason the Z coordinate had systematic deviations.
