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Subject: Re: STTPoints do not match with STTHelixHit  
Posted by [Stefano Spataro](#) on Thu, 23 Apr 2009 14:22:49 GMT  
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Hi,

I have tried to run `run_sim_sttcombi_pgun.C` (modified to have 3 pions per event and with the momentum range suggested by Tobias), 10 events, and then `run_rigi_sttcombi.C`.

Just plotting from `points.root`:

```
cbmsim.Draw("STTPoint.GetXtot():STTPoint.GetZtot()", "", "", 1, nevt)
```

from `digi.root`:

```
cbmsim.Draw("SttHelixHit.fY:SttHelixHit.fZ", "", "", 1, nevt)
```

(where `nevt` is the number of the event that I want to analyse) I can see the same behaviour: it seems that there are still some problems with the z coordinate for low momentum tracks in `helixhit`.