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Subject: Re: Dipole and transient B field effect

Posted by [Tsitohaina Randriamalala](#) on Wed, 20 May 2009 14:24:42 GMT

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I plotted here the field components variation along z-axis.

The shifts at the low values of x, at the momenta 4.6 GeV/c and 11.91GeV/c of the antiproton beam in the histogram (in the first mail), may be related to the existing cut at  $z \sim 600$  cm of the y component of B.

And similarly the presence of a jump on By at  $z \sim 600$ cm may be the cause of the shift at the high values of x for the case of 8.9 GeV/c beam momentum.

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#### File Attachments

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- 1) [Bcomp\\_0150.ps](#), downloaded 265 times
  - 2) [Bcomp\\_0406.ps](#), downloaded 262 times
  - 3) [Bcomp\\_0890.ps](#), downloaded 266 times
  - 4) [Bcomp\\_1191.ps](#), downloaded 272 times
  - 5) [Bcomp\\_1500.ps](#), downloaded 250 times
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