Subject: Re: Weird STT reconstruction: efficiency depends on charge Posted by Andrew Savchenko on Mon, 21 Jan 2008 14:49:42 GMT View Forum Message <> Reply to Message

Dear Pablo,

Pablo Genova wrote on Mon, 21 January 2008 15:03 ps: it is possible to reconstruct both transverse and total momentum. I should put a test macro for displaying such variables.

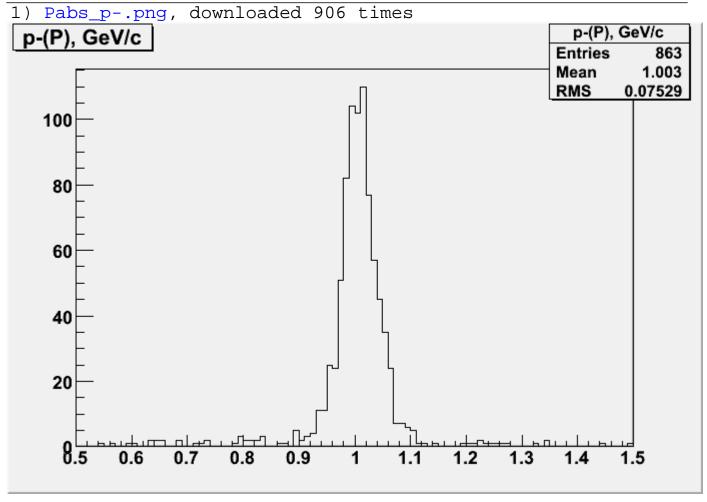
Yes, you are absolutely right, it is rather simple indeed.

I reconstructed the total momentum for protons and antiprotons with original momentum 1.0 GeV/C and polar angle theta 60°.

For antiprotons I used only those with 50° < theta < 70°, and momentum reconstruction is reliable in this case.

And for protons radius is not reconstructed at all. I hope, this will help.

File Attachments



2) R\_p+.png, downloaded 873 times

