Subject: Re: Efficiency reduction of antiprotons above 20 degrees
Posted by Karin Schönning on Tue, 02 Dec 2014 12:34:49 GMT
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Another things: concerning the simulations of isotropic Lambda Lambdabar production at 1.64 GeV, the efficiency drop, or maybe one should say very large momentum smearing, above 20 degrees, is an effect which has appeared lately. I ran the same macros on revision 24660 and the difference between this revision and 26319 is striking. See the attach plots of theta versus p for antiprotons from isotropic pbar p -> Lambdabar Lambda. th_p_pbar_iso.pdf corresponds to revision 26319, the other is 24660.

Cheers,
/Karin

File Attachments

1) th_p_pbar_iso.pdf, downloaded 559 times
2) th_p_pbar_iso_rev24660.pdf, downloaded 544 times