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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

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### File Attachments

- 1) [th\\_p\\_pbar\\_iso.pdf](#), downloaded 493 times
  - 2) [th\\_p\\_pbar\\_iso\\_rev24660.pdf](#), downloaded 480 times
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