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Subject: Re: Efficiency reduction of antiprotons above 20 degrees

Posted by [Stefano Spataro](#) on Tue, 02 Dec 2014 12:47:13 GMT

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Can you please provide a one-dimensional histogram with theta distribution of your primary particle, overlapping protons with antiprotons? From the 2D histogram is hard to understand what is going wrong and where.

Moreover, can you check that your antiprotons are not annihilated into some material? Maybe this could cause a loss in efficiency, since your antiproton does not exist anymore. I don't know if this can explain a 10% loss.

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