

## Re: The true crackpots

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*Source:* <http://sci.tech-archive.net/Archive/sci.physics.relativity/2005-10/msg00340.html>

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- *From:* "PD" <[TheDraperFamily@xxxxxxxxxx](mailto:TheDraperFamily@xxxxxxxxxx)>
  - *Date:* 6 Oct 2005 12:24:55 -0700
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mluttgens@xxxxxxxxxx wrote:

> I presume that you recognize that the Fermilab experiments couldn't  
> prove "length contraction". Indeed,  
>  
> "In a tevatron, those collisions occur of course head-on.  
> Or, according to SR, physical bodies set in motion only shorten in the  
> direction of their motion, meaning that a proton colliding head-on  
> with an anti-proton will not observe "length contraction" of the  
> anti-proton."  
>  
> Now you are referring to HERA papers. Please give me a \*specific\*  
> reference where such contraction has been demonstrated. I am pretty  
> well convinced that there are none, unless in your imagination, like  
> with Fermilab :-)  
>  
> Marcel Luttgens

What I'm doing is comparing jet cross sections in two environments: one where the source is stationary in the lab (Tevatron) and one where the source is moving in the lab (HERA). I don't think you're getting that point.

Let me see if I can find something that is a little more direct for your tastes. Since this will be a bit older in the literature, I'll have to search a little harder.

At least you are willing to read in the library, which is commendable and more than what folks like TomGee or Seto are either willing or able to do.

PD

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- *Follow-Ups:*
  - ◆ *Re: The true crackpots*

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◇ *From:* kenseto

