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Subject: question concerning pbar p->pi0 pi0

Posted by [Johan Messchendorp](#) on Mon, 03 Dec 2007 20:06:35 GMT

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Dear all,

Please find below an email from Michael Dueren who asks whether there exists a parameterization of the pbar p -> pi0 pi0 cross section. Can anyone help him out here?

Johan.

----- original email -----

Irina Brodski in our group is simulating the ppbar -> gamma gamma and to gamma pi-zero processes.

In addition she needs the background p pbar -> pizero pizero, but she does not know where to get the cross section for this reaction. Do you know if in the pandaroot there is already a generator for p pbar -> pizero pizero that has the right energy dependence of the cross section? If not: do you know if there is a parameterization of a database with this cross section somewhere accessible?

Best regards,  
Michael.

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