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Subject: Re: Problem with mass constraint fit for two gamma  
Posted by [Dima Melnychuk](#) on Thu, 03 Jul 2014 11:29:49 GMT  
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Hi Donghee,

It's actually a question I do not have an answer, to include all the other subdetectors or not when calculating error matrices.

Other subdetectors can cause a preshower with some probability and photons reconstructed after preshower will have worse resolution, even if they are reconstructed at all.

And I do not know if to include them in error matrix calculation or not.

But I do not have strong arguments against it, so you can use the whole PANDA for error matrix calculation if you want.

Dima

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