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Subject: Re: Mass calculation from vector<PndEmcDigi\*> in EMC

Posted by [donghee](#) on Wed, 20 May 2009 10:18:55 GMT

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Dear Betram and Dima,

Thank you for your time and kind teaching.

I have one more comment for cluster shape with mass in your comment

Quote:the invariant shower mass is a property which can be used to discriminate clusters from real photons and cluster which are created by two photons from  $\pi^0$  decay.

I think that can be also used to separate electron and single photon.

Concerning geometry of EMC!

I have learn, current setup of EMC designed with missing region at 142 to 149 degree for theta angle in backward endcap.

I have heard actual design should be slightly different, this missing acceptance will be covered in the future, but it is not introduced just in the MC simulation.

How about the situation for the theta region 142 to 149?

Do you have plan to modify some acceptance for EMC in MC simulation?

Best wishes,

Donghee