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Subject: Re: correction in emc bump splitting  
Posted by [Bertram Kopf](#) on Fri, 06 Feb 2009 14:05:51 GMT  
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Hi Irina and Dima,  
just one additional remark:

Dima Melnychuk wrote on Fri, 06 February 2009 13:46Hi Small correction to your post. From the data file gammagamma.root it looks like that some single gamma clusters are split into 2 bumps not in shashlyk but in forward endcap (slightly above 2 meters in Z direction) and there is no single event with clusters in shashlyk.

And it looks like that problem is related with what Bertram posted  
[http://forum.gsi.de/index.php?t=rview&goto=7833#msg\\_7833](http://forum.gsi.de/index.php?t=rview&goto=7833#msg_7833)

Due to the fact that only events with  $|\cos(\Theta^*)| < 0.6$  are considered, the shashlyk detector doesn't contribute at all. The reconstructed gamma hists either the barrel calorimeter or the forward endcap. The backward endcap is also important in order to see low energetic gammas originated from the  $\pi^0$  background.

Best regards,  
Bertram.

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