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Subject: Re: failure of QA macro of EMC reconstruction

Posted by [Johan Messchendorp](#) on Sat, 05 Dec 2009 16:15:25 GMT

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Hi,

I just run it (QAmacro\_emc\_x.C) with 10000 events and there is really a significant shift in phi... well, at least on my computer. Let me attach figures which shows it: the difference between phi(cluster)-phi(MC) versus the phi angle (!) of the photon (histogram h2phi in the macro)...

Alternatively, the difference against the polar angle... it appears to be related to the barrel part...

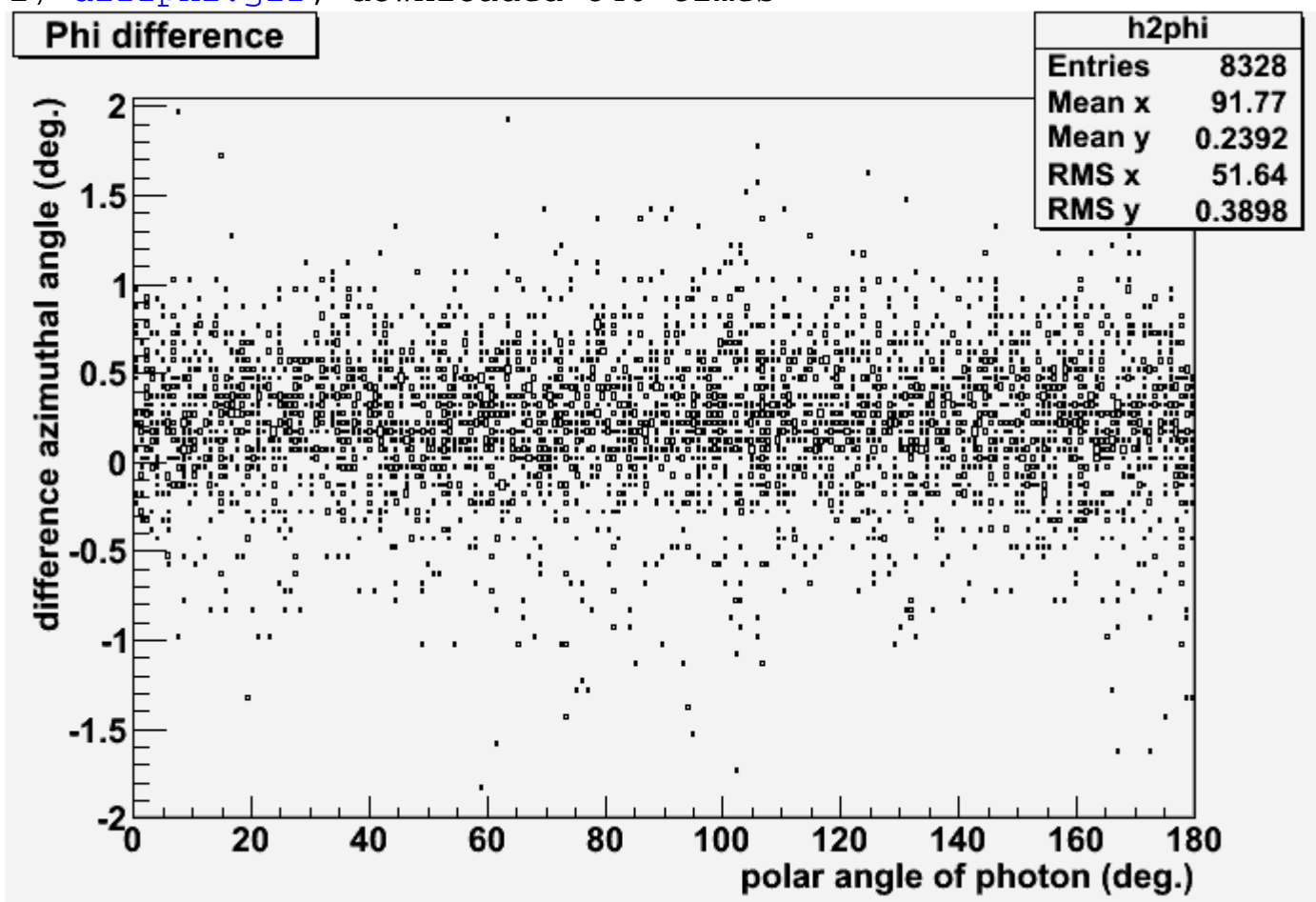
Greetings,

Johan

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#### File Attachments

1) [diffphi.gif](#), downloaded 846 times



2) [diffphivstheta.gif](#), downloaded 873 times

