
Subject: Re: Energy correction for gammas
Posted by [Dima Melnychuk](#) on Sun, 30 Nov 2008 21:20:41 GMT
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Hi all,

I have an update to my previous post.

The previous plots were shown for G3 simulation, but in case of G4 simulation the energy correction taken from Babar framework works better.

The barrel emc - 25-135 degree, 1 GeV gamma.

At least the mean value of corrected histogram is at 1 GeV.

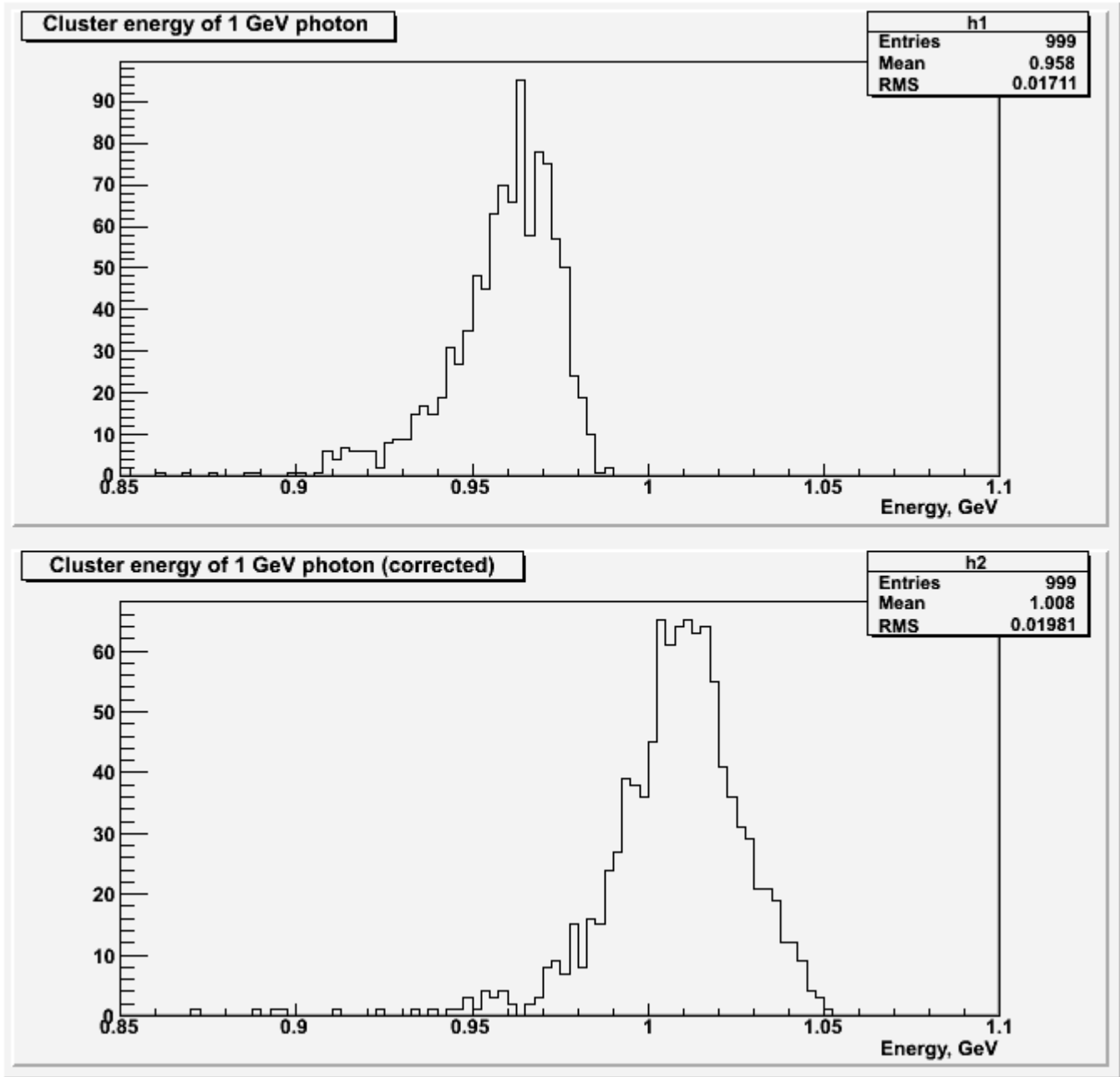
And shashlyk calorimeter, 0-5 degree, 1 GeV.

The match is not perfect but much closer than in G3 case.

Best regards,
Dima

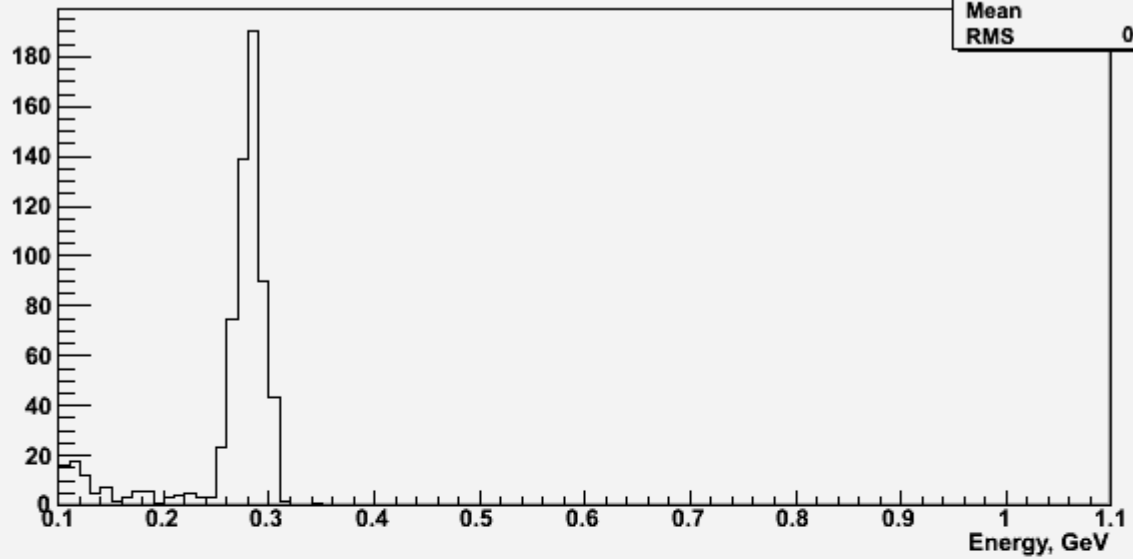
File Attachments

1) [emc_energy_barel_g4.png](#), downloaded 1054 times



2) [emc_energy_shashlyk_g4.png](#), downloaded 1138 times

Cluster energy of 1 GeV photon



Cluster energy of 1 GeV photon (corrected)

