
Subject: Re: Photons at low energies?

Posted by [Dima Melnychuk](#) on Tue, 28 Aug 2007 16:25:45 GMT

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Hi,

This behaviour is really connected with digitization.

Now digitization is implemented in the way that energy range from 0 to 15 GeV digitized with 12 bits. I.e. with step $15000/2^{12}=3.7$ MeV. And it results in such a discrete response.

May be this is not really realistic and low energy will be digitized with higher precision.

I would propose to put at the moment 14 bits in emp.par file for NBits and update this number when final emc readout will be known in more details.

Dima
