Subject: Re: Abnormal distribution Posted by Jifeng Hu on Wed, 23 Jan 2013 09:38:31 GMT View Forum Message <> Reply to Message

Hi, Dima,

With your suggestion, some new plots are got. you can find them in the eps file attached.

here lists my brief code slice.

PndEmcAbsClusterCalibrator * calibrator1= PndEmcClusterCalibrator::MakeEmcClusterCalibrator(1); PndEmcAbsClusterCalibrator * calibrator2= PndEmcClusterCalibrator::MakeEmcClusterCalibrator(2);

PndEmcBump* theHit = (PndEmcBump*) fRecoHitArray->At(HitIndex1); fEnergy1 = theHit->energy(); fEnergy1C = calibrator1->Energy(theHit); fEnergy1CC = calibrator2->Energy(theHit);

conclusions:

a> calibration still needs further improvement for crystals near backward endcap edges.
 b> calibrator2 looks better for intersection between forward and barrel calorimeter, but a little problem in theta ranges near value 2.5.

However, results looks much better. Thanks for your correction.

best regards,

Jifeng Hu

File Attachments
1) energy_cor.eps, downloaded 409 times

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