
Subject: Re: Abnormal distribution

Posted by [Jifeng Hu](#) on Wed, 23 Jan 2013 09:38:31 GMT

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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 379 times
