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 442 times