
Subject: emc cluster summary information (rev.2147)

Posted by [Dima Melnychuk](#) on Mon, 04 Feb 2008 10:53:39 GMT

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Hi all,

I have ported from Babar framework several classes for emc cluster summary information.

PndEmcClusterEnergySums - gives information on energy of central crystal, central 9 and 25 crystals and ratios between them.

PndEmcClusterDistances - radial and angular distances from specific digi to cluster centroid.

PndEmcClusterMoments - information on different cluster moments.

PndEmcXCIMoments - cluster Zernike moments.

Macro reco_analys3.C demonstrates some capabilities of PndEmcClusterEnergySums, i.e. plots energy of cluster, energy of central crystal, 9 and 25 central crystals.

Best regards,
Dima
