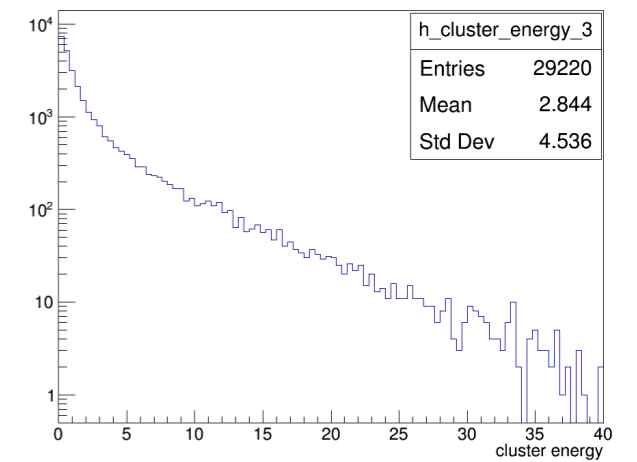
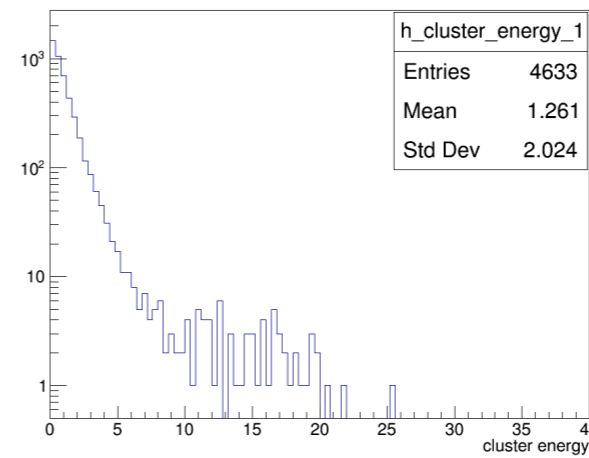
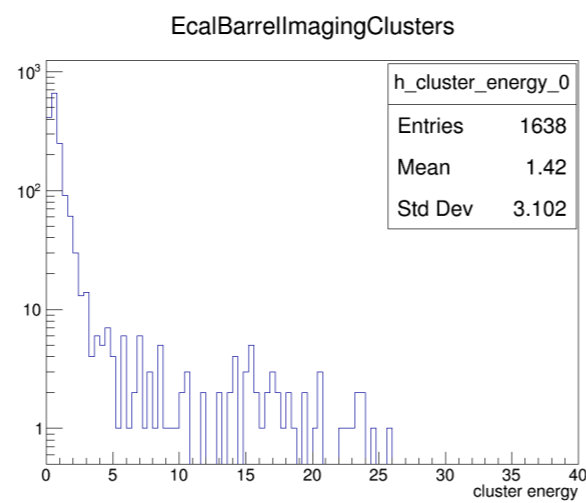
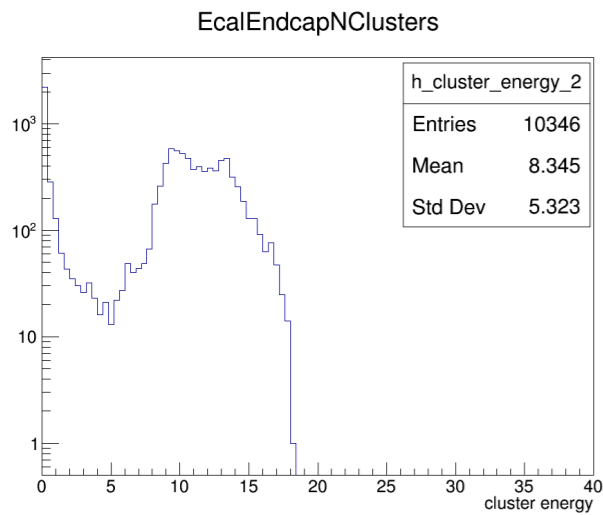
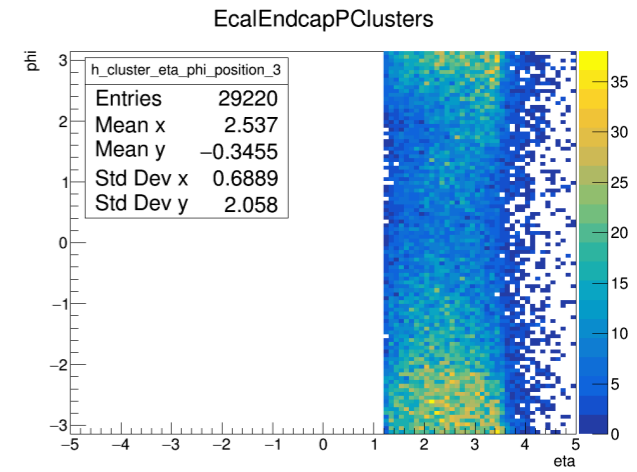
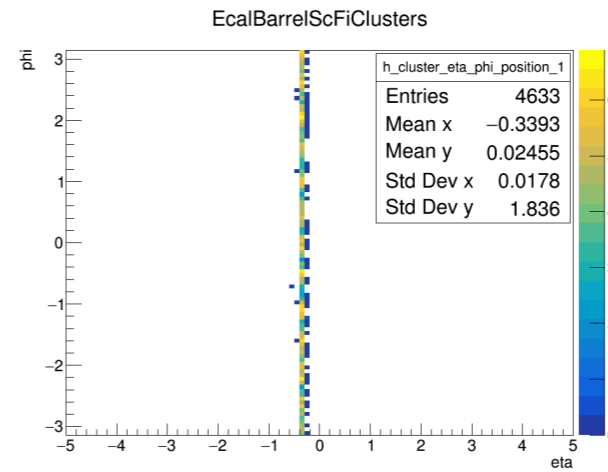
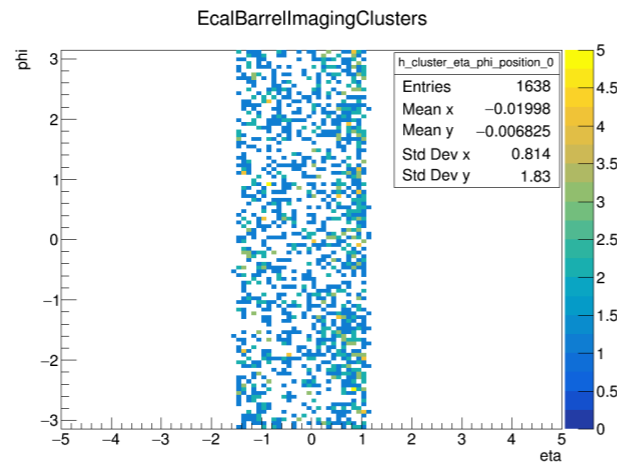
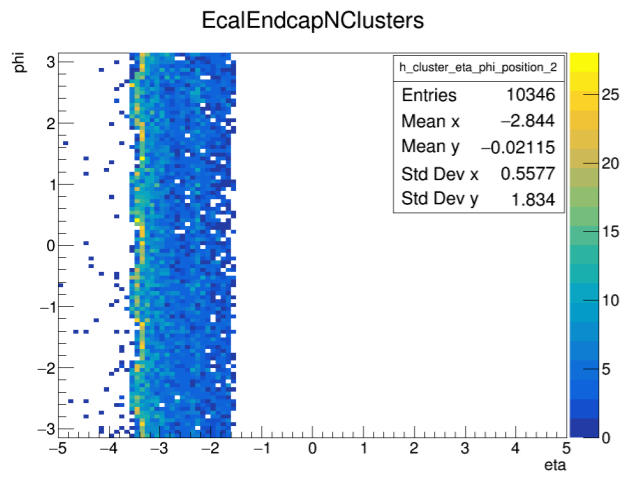


- Ecal

eictest/ATHENA/RECO/acadia-v1.0-alpha/DIS/NC/18x275/minQ2=1/
 pythia8NCDIS_18x275_minQ2=1_beamEffects_xAngle=-0.025_hiDiv_1.0001.root

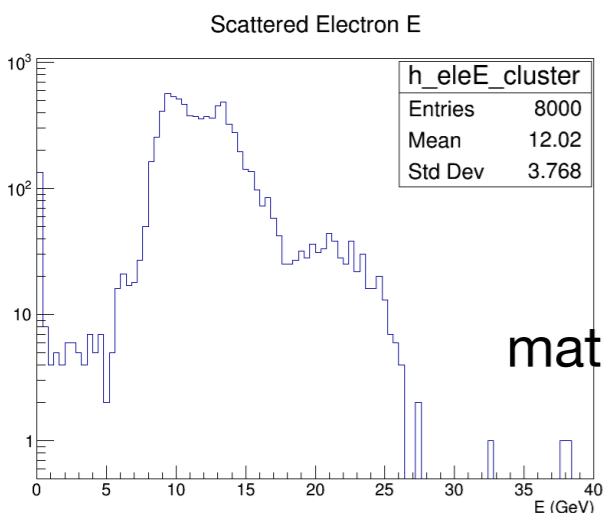
8000 events



Why not peak ~18GeV?
 But two peaks?

1638 clusters from
 8000 events?

How to use it? Match
 to Imaging layer?
 Is occupancy at single
 phi bin an issue?

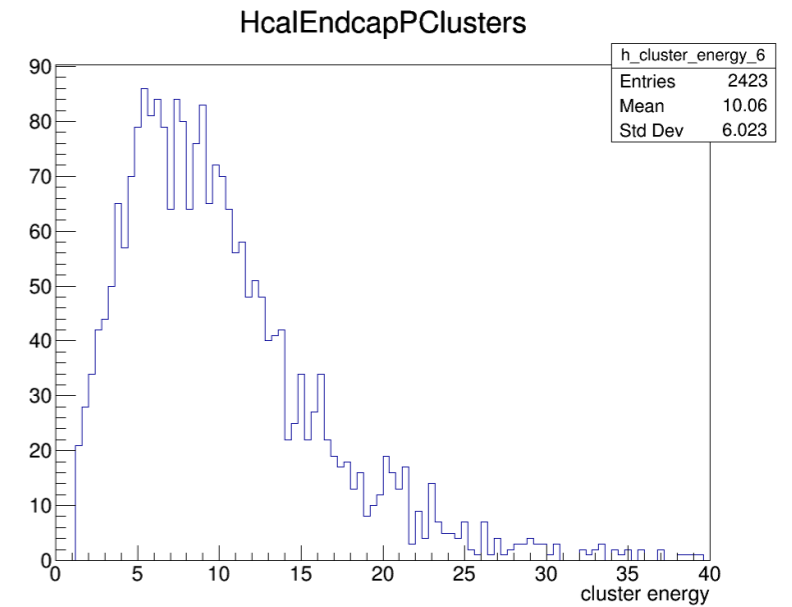
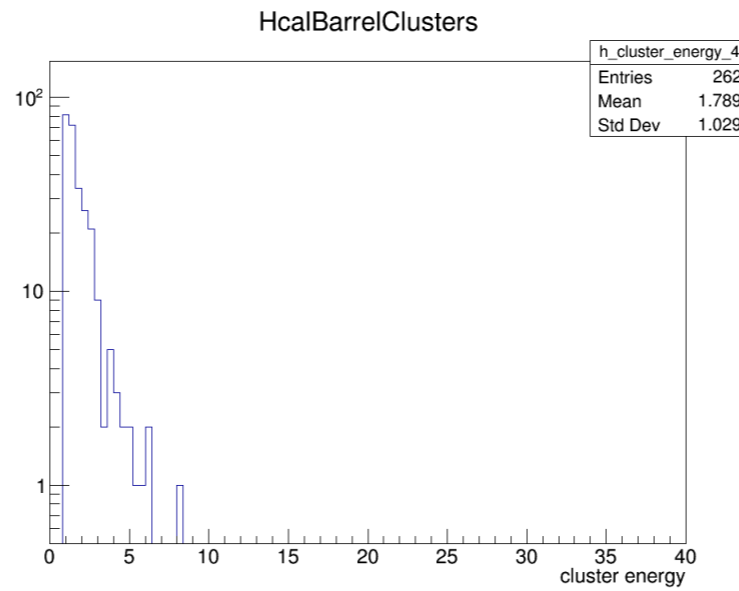
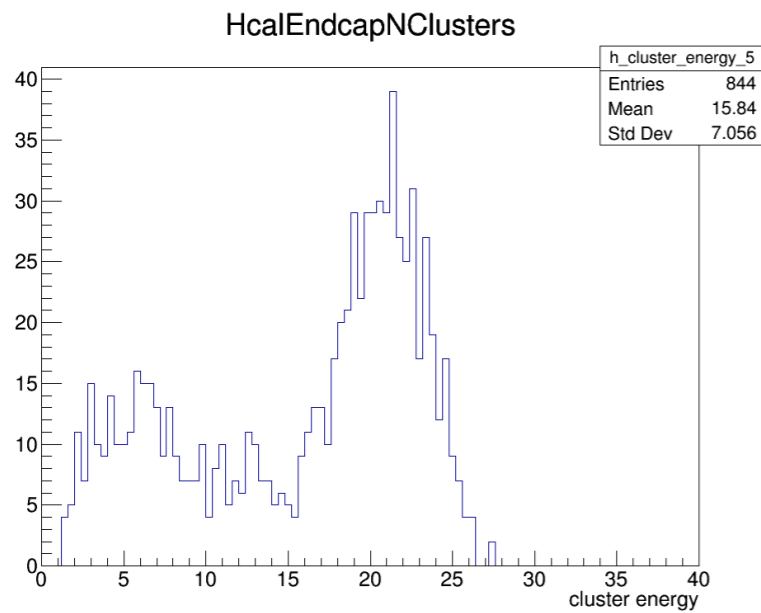
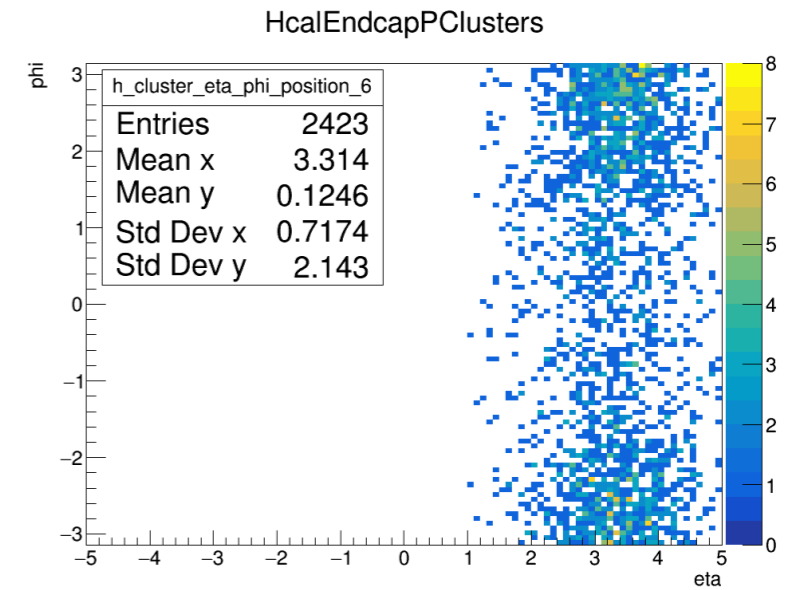
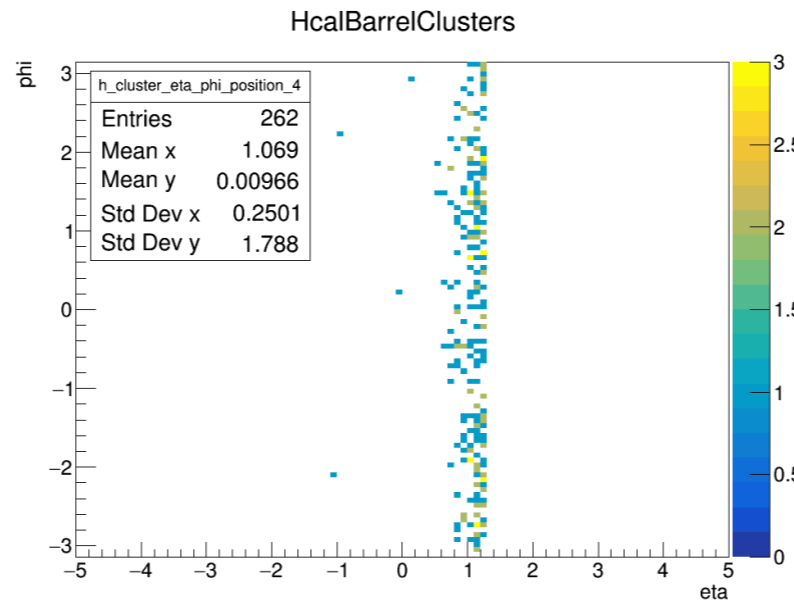
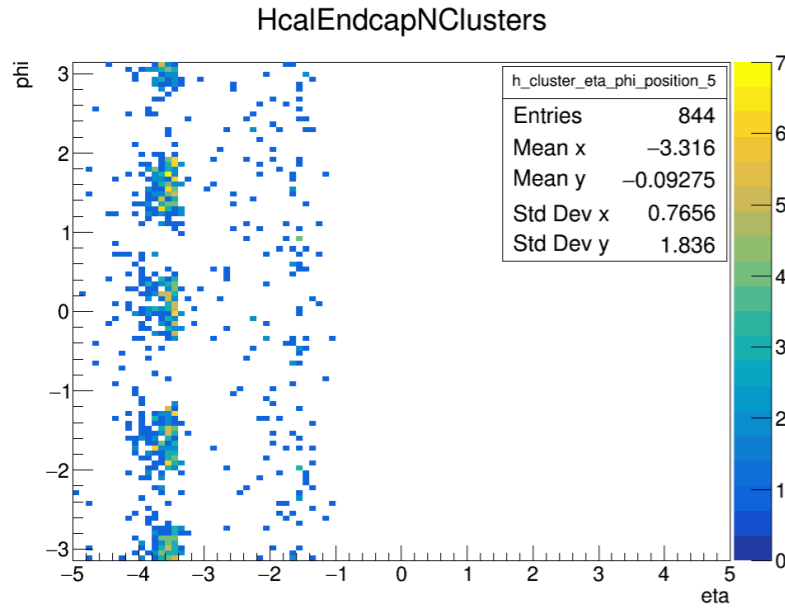


Eta-phi ($\Delta R < 0.2$)
 matching with truth electron

- Hcal

eictest/ATHENA/RECO/acadia-v1.0-alpha/DIS/NC/18x275/minQ2=1/
pythia8NCDIS_18x275_minQ2=1_beamEffects_xAngle=-0.025_hiDiv_1.0001.root

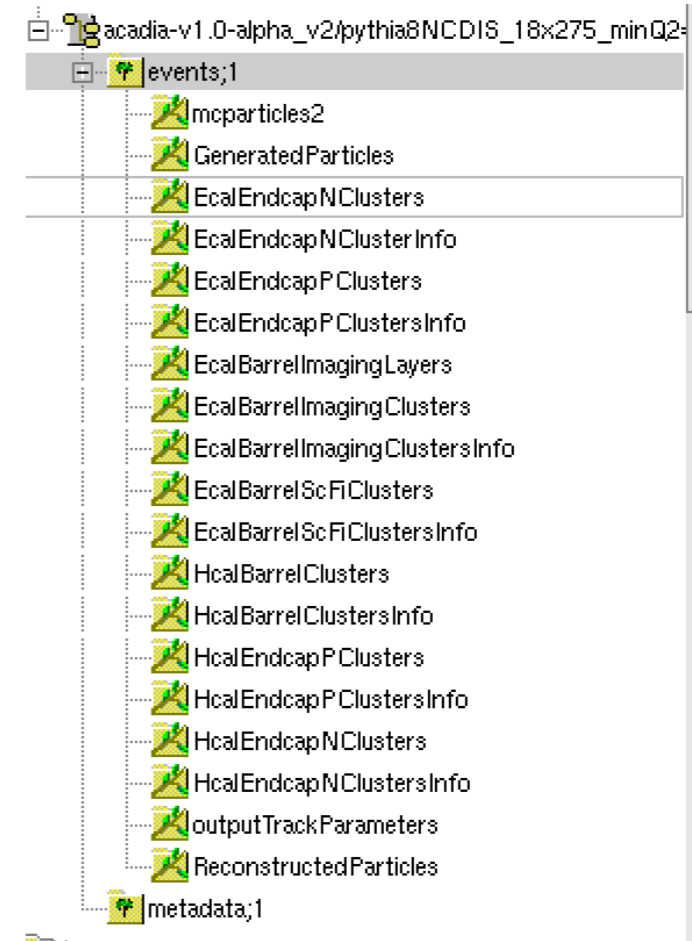
8000 events



Where these two peaks from?

Why so low multiplicity?

- What can be done at this moment?
 - Electron (tracking, Ecal, Matching)
 - Pion/Kaon/Proton (tracking, Ecal, Hcal, Matching)
 - Photon (Threshold, pi/k/p mip cluster vetoing)
 - Neutron/K0-L (identification)
 - How to access vertex info?



```

[1116 T] 0x1d07700
[root [1] events->Scan("ReconstructedParticles.p.x:ReconstructedParticles.pid:ReconstructedParticles.status")
*****
*   Row   * Instance * Reconstu * Reconstu * Reconstu *
*****
*     0 *     0 *      *      *      *
*     1 *     0 *      *      *      *
*     2 *     0 * -1.091912 *    211 *     0 *
*     3 *     0 * 0.2124434 *    211 *     0 *
*     3 *     1 * 0.1386319 *    211 *     0 *
*     4 *     0 *      *      *      *
*     5 *     0 *      *      *      *
*     6 *     0 *      *      *      *
*     7 *     0 * 1.2996393 *     0 *    -1 *
*     8 *     0 *      *      *      *
*     9 *     0 *      *      *      *
*    10 *     0 * 0.3787890 *    211 *     0 *
*    10 *     1 * 0.3302758 *   -321 *     0 *
*    10 *     2 * -0.195942 *    211 *     0 *
*    10 *     3 * 0.1095867 *    211 *     0 *
*    10 *     4 * 0.0469277 *   -211 *     0 *
*    11 *     0 *      *      *      *
*    12 *     0 *      *      *      *

```