

CC2 vs CC3 with detector projection



- Now looks like a great match.
- There is slightly too much energy in CC3, but it was trained on a regular detector, so this is expected.









At the cluster level (plots not shown in paper)



- Mostly looks fine, but some weirdness from CaloClouds 2
- Mostly in long tails, not covered by plots in previous paper. So I don't know if this is really new behavior, but it looks a bit like it could be the same as before.
- Also, the polynomial fit to rescale the number of clusters is terrible. But this is what was done in the previous paper, so I guess that is what it is.



Strongly suspect the plots in the prior repo were created from training data, because I get a similar look if I condition on true number of points.

















Timing.

• See notebook for full story – short version is that I will redo with ddsim because we expect better results.

