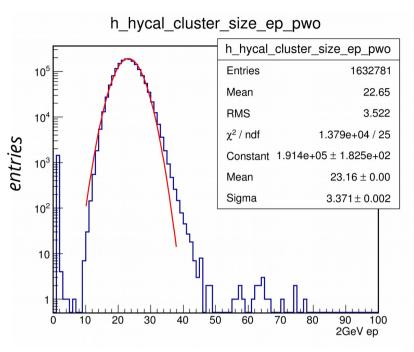
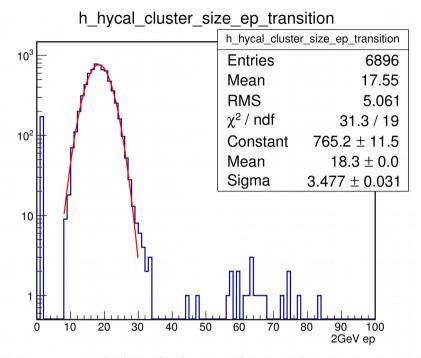
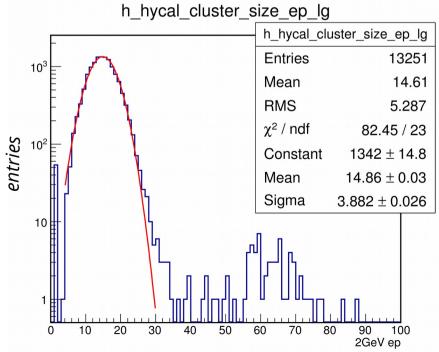
HyCal cluster size (nblocks)



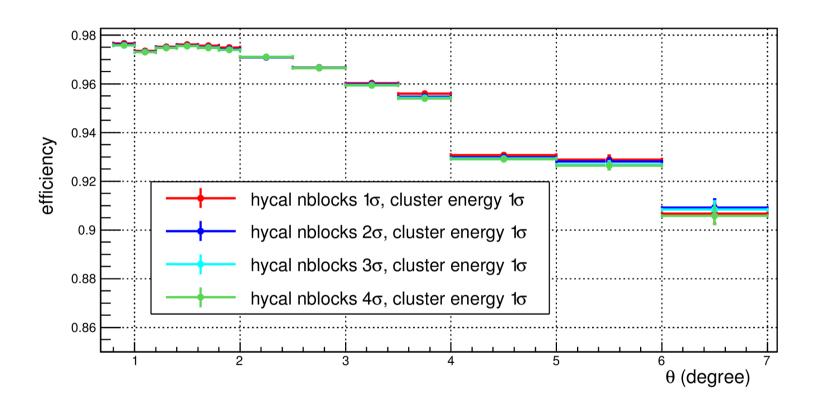




- No GEM matching required
- No cosmic removal
- Using 1 sigma (centered at beam energy) energy cut

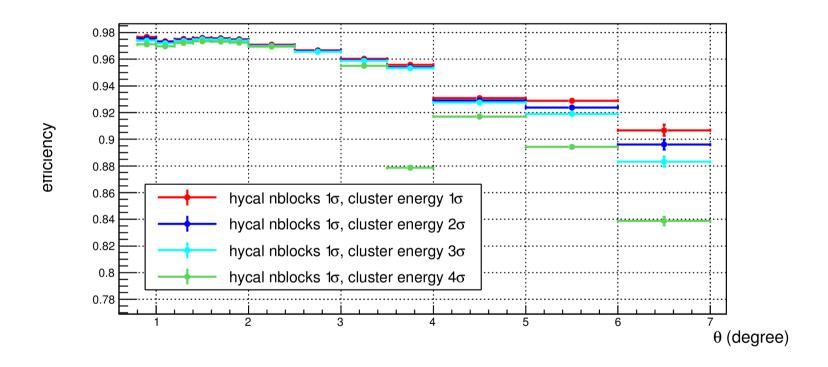


GEM efficiency against HyCal cluster size (nblocks) cut



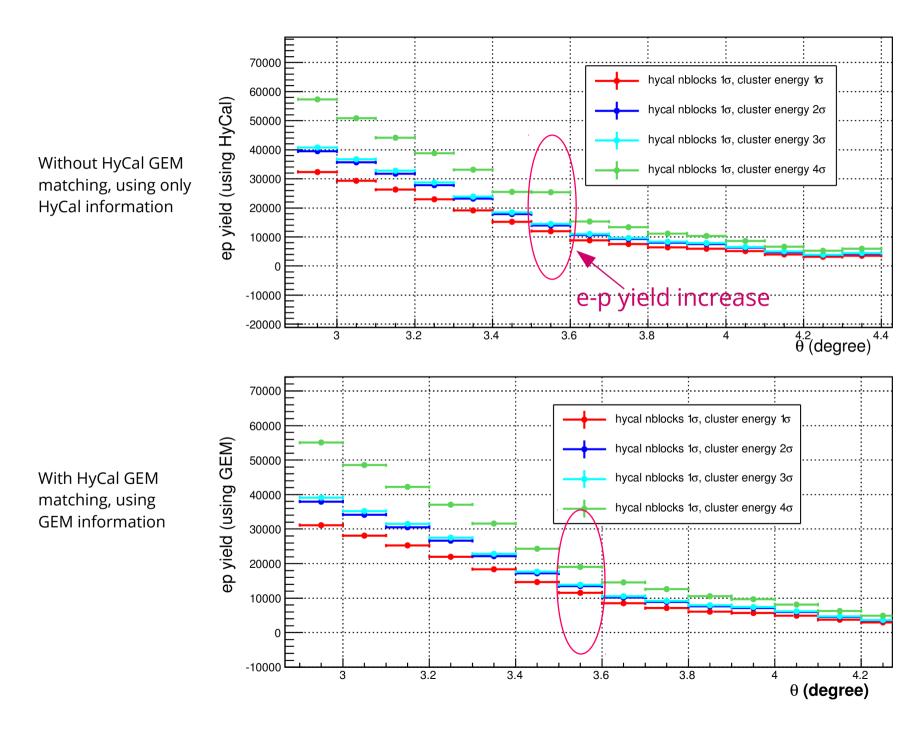
No big difference observed

GEM efficiency against HyCal cluster energy cut



Efficiency sensitive to HyCal energy cut

GEM efficiency drop



GEM efficiency with empty run subtraction

- 40 2GeV production runs
- Subtract empty target runs
- Scaled by equal live charge
- To do: scale by equal time for better cosmic rejection

