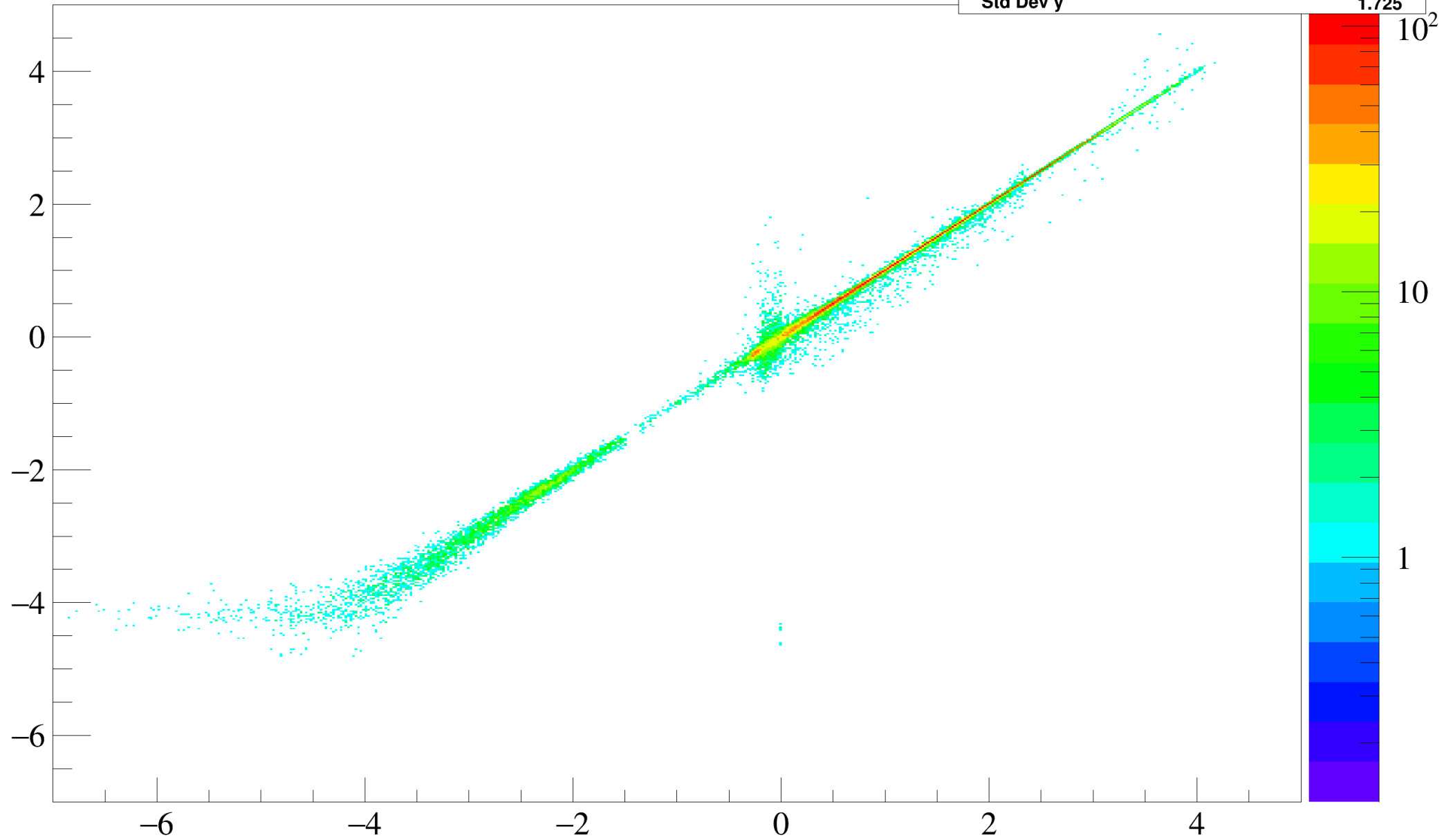


ElCrecon – Signal to Reconstruction

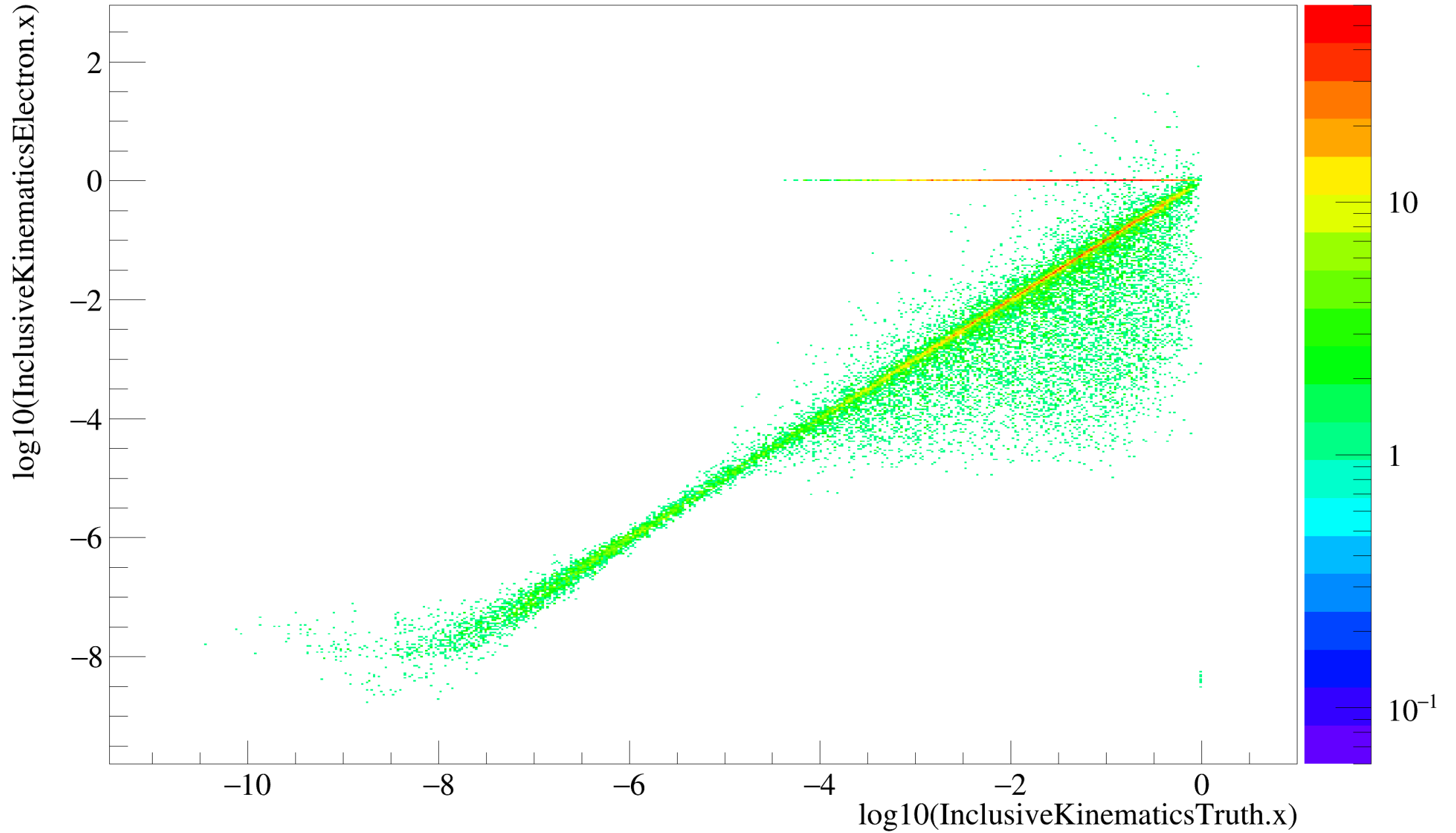
- epic simulation output pixels
- Group pixels into clusters
- Weighted cluster centroid positions
- Loop over positions on each layer creating vectors (limit 2 hits per layer)
- NN reproduce “TrackParameters” at IP
- Combine LowQ2 and central TrackParameter collections
- Run particle matching with MCParticles to get Q2
- Compare InclusiveKinematicsTruth with InclusiveKinematicsElectron

log10(InclusiveKinematicsElectron.Q2):log10(InclusiveKinematicsTruth.Q2)

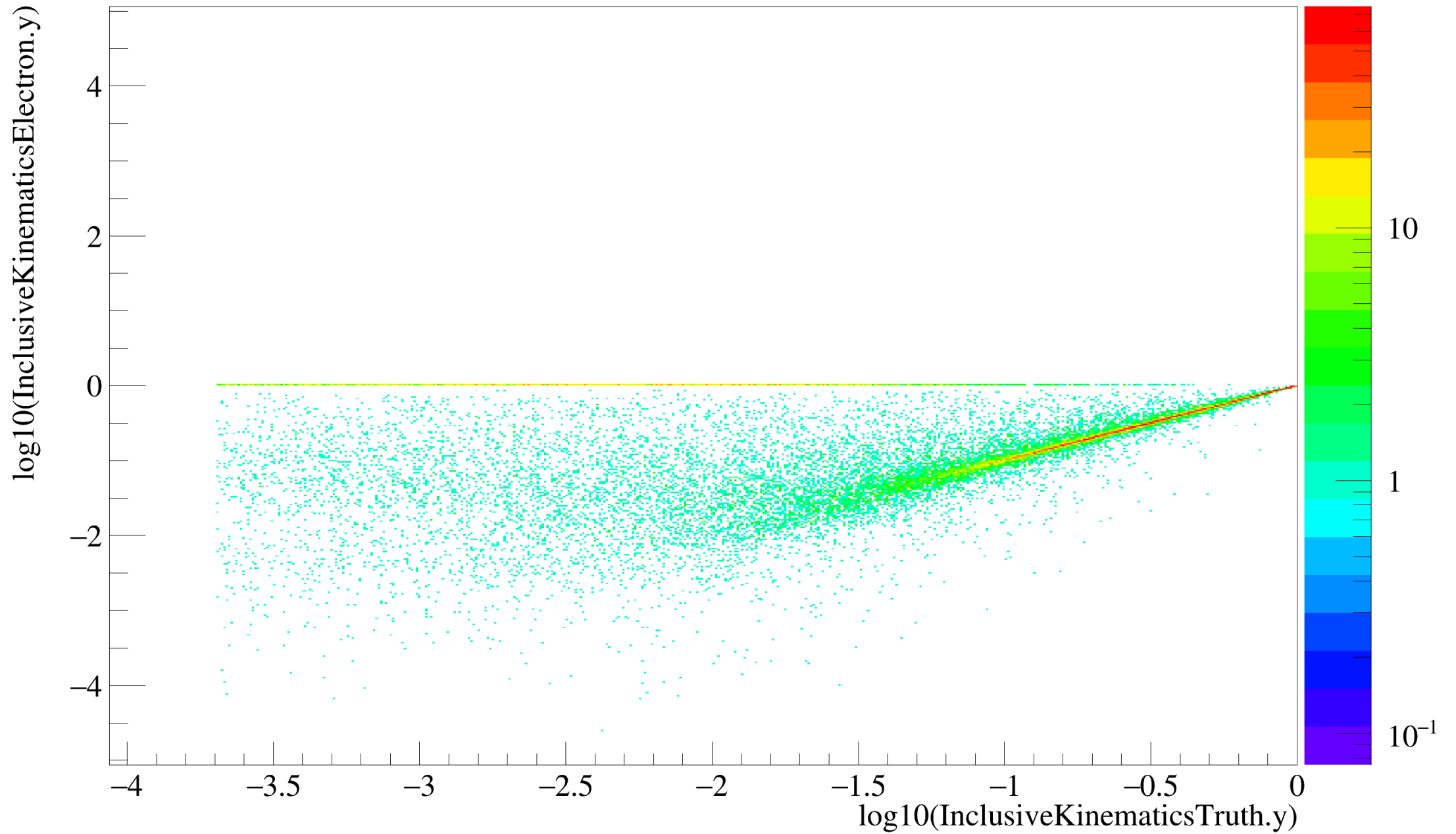
Entries	26340
Mean x	0.4515
Mean y	0.4475
Std Dev x	1.742
Std Dev y	1.725



$\log_{10}(\text{InclusiveKinematicsElectron.x}) : \log_{10}(\text{InclusiveKinematicsTruth.x})$



$\log_{10}(\text{InclusiveKinematicsElectron.y}) : \log_{10}(\text{InclusiveKinematicsTruth.y})$



Detector plots?