

# Electron Reconstruction

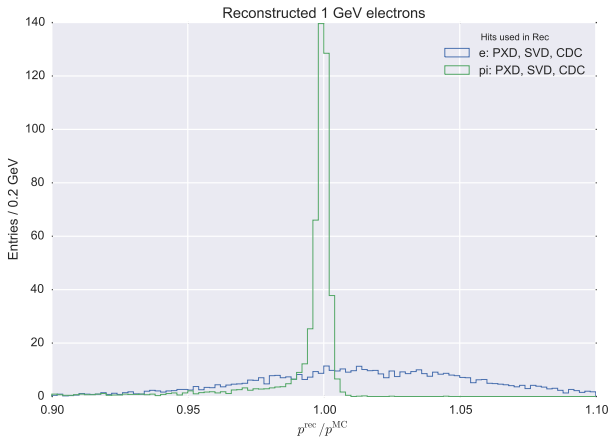
Markus Prim | 29.05.2015



INSTITUT FÜR EXPERIMENTELLE KERNPHYSIK (IEKP)

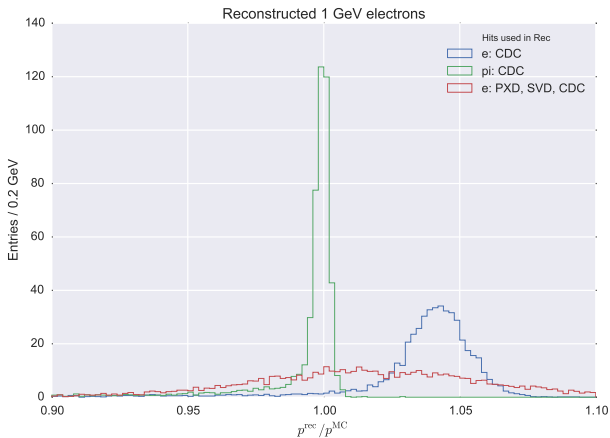


# The Problem



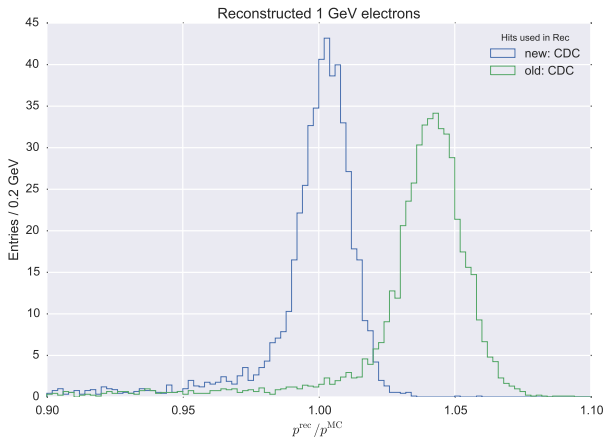
- Issues with the PXD/SVD hits
- Material effects

# PXD/SVD hits



- Under investigation
- Guess: Wrong error estimates for the hits

# Material Effects



- New formula, less energy loss, smaller errors in noise matrix
- Looks good, but needs some further studies