PID_100GeV_calibration 100 $\langle \, E_{_{reco}} \, \rangle \, [GeV]$ pi 90 proton kaon 80 70 60 50 40 30 20 10 $(\langle E_{\sf reco} \rangle - E_{\sf beam})/E_{\sf beam}$ -0.02 -0.04 -0.06-0.08-0.1 -0.12 -0.14 -0 90 100 E_{beam} [GeV] 20 30 80 10 40 50 60 70