histo hc_t χ^2 / ndf 57.65 / 33 1400 Prob 0.005004 Constant 1321 ± 10.1 1200 0.0005569 ± 0.0002455 Mean Sigma 0.03501 ± 0.00028 1000 800 600 400 200 0 -0.3-0.20.2 -0.4-0.10.1 0.3 0.4