Distribution of  $\pi$  values obtained in different 1000 points runs. Counts 10000 **Entries**  $\chi^2$  / ndf 75.68 / 45 600 Prob 0.002837 Constant  $620.2 \pm 7.6$ 500 Mean  $3.143 \pm 0.001$ Sigma  $0.05112 \pm 0.00037$ 400 300 200 100 2.8 2.9 3.1 3.4 3.2 3.3 3.5 3.6  $\pi$  obtained