Distribution of  $\pi$  values obtained in different 1000 points runs. Counts **Entries** 10000 600  $\chi^2$  / ndf 33.12 / 46 Prob 0.9226 Constant  $616.7 \pm 7.6$ 500 Mean  $3.144 \pm 0.001$ Sigma  $0.05159 \pm 0.00037$ 400 300 200 100 2.8 2.9 3.1 3.3 3.4 3.2 3.5 3.6  $\pi$  obtained