Distribution of  $\pi$  values obtained in different 1000 points runs. Counts **Entries** 10000  $\chi^2$  / ndf 39.33 / 46 600 Prob 0.7458  $613.8 \pm 7.6$ Constant 500 Mean  $3.144 \pm 0.001$ Sigma  $0.0518 \pm 0.0004$ 400 300 200 100 2.8 2.9 3.1 3.4 3.2 3.3 3.5 3.6  $\pi$  obtained