560mm 28 29 30 31 **Entries** 722 Event 400  $\chi^2$  / ndf 27.96 / 5 Prob 3.709e-05 350  $399.7 \pm 18.4$ Const  $810.9 \pm 0.1$ Mean Sigma 300  $2.764 \pm 0.072$ 250 200 150 100 50 0 790 800 810 820 830 840 Time [ps]