560mm 44 45 46 47 **Entries** 458 Event  $\chi^2$  / ndf 14.87 / 4 Prob 0.004989 250  $261.3 \pm 17.1$ Const  $806 \pm 0.1$ Mean Sigma  $2.701 \pm 0.121$ 200 150 100 50 0 820 780 790 800 810 830 Time [ps]