420mm 24 25 26 27 **Entries** 767 Event 450  $\chi^2$  / ndf 26.06 / 7 Prob 0.0004923 400  $443.4 \pm 22.3$ Const Mean  $809.2 \pm 0.1$ 350 Sigma  $2.665 \pm 0.091$ 300 250 200 150 100 50 0 800 830 790 810 820 Time [ps]