140mm 52 53 54 55 **Entries** 502 Event  $\chi^2$  / ndf 22.19 / 2 Prob 1.522e-05 250  $262.7 \pm 19.6$ Const  $809.7 \pm 0.2$ Mean Sigma  $2.903 \pm 0.179$ 200 150 100 50 0 790 800 810 820 830 840 Time [ps]