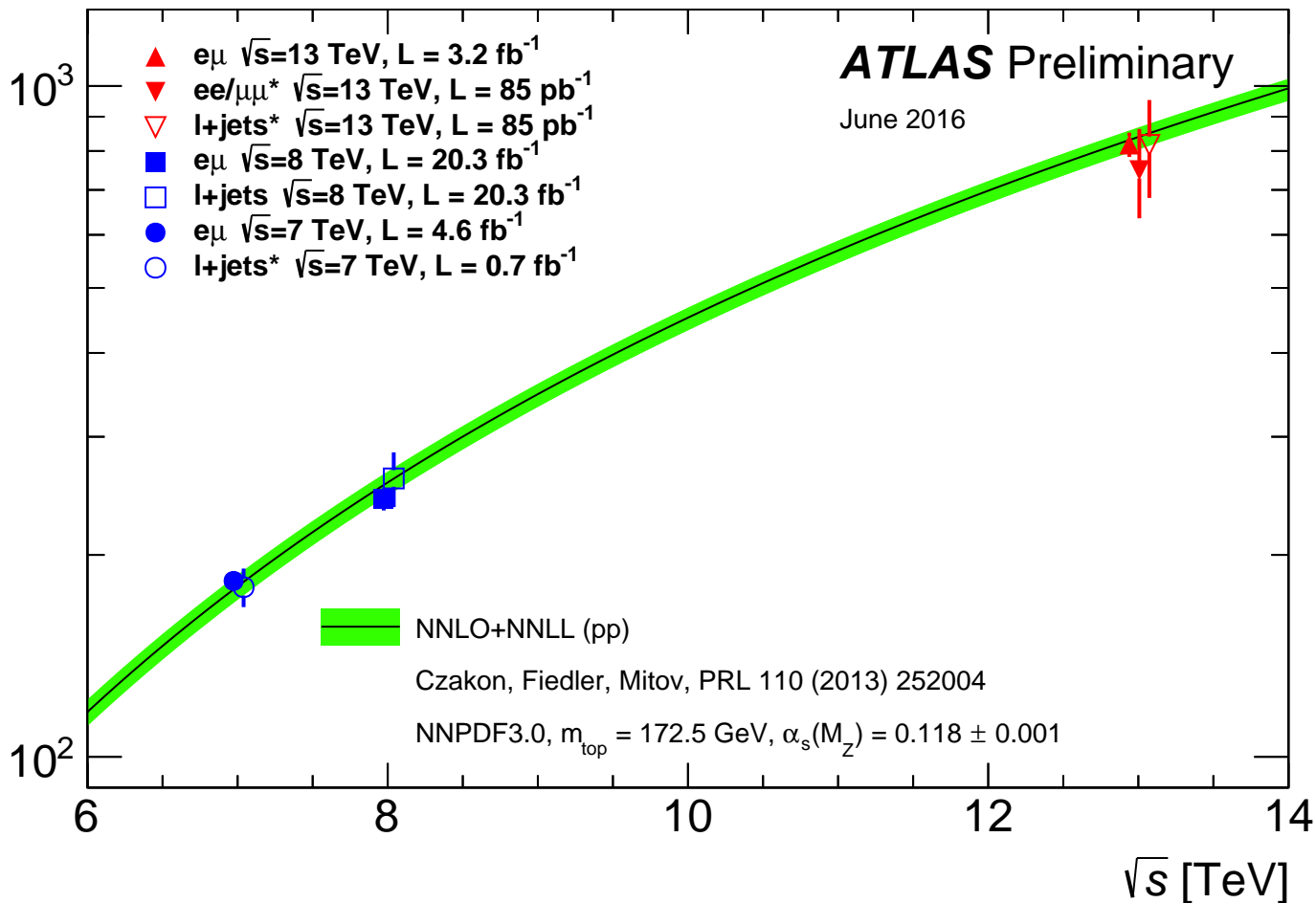


Inclusive  $t\bar{t}$  cross section [pb]

**ATLAS Preliminary**

June 2016

- ▲  $e\mu$   $\sqrt{s}=13$  TeV,  $L = 3.2$  fb $^{-1}$
- ▼  $ee/\mu\mu^*$   $\sqrt{s}=13$  TeV,  $L = 85$  pb $^{-1}$
- ▽  $l+jets^*$   $\sqrt{s}=13$  TeV,  $L = 85$  pb $^{-1}$
- $e\mu$   $\sqrt{s}=8$  TeV,  $L = 20.3$  fb $^{-1}$
- $l+jets$   $\sqrt{s}=8$  TeV,  $L = 20.3$  fb $^{-1}$
- $e\mu$   $\sqrt{s}=7$  TeV,  $L = 4.6$  fb $^{-1}$
- $l+jets^*$   $\sqrt{s}=7$  TeV,  $L = 0.7$  fb $^{-1}$



$\sqrt{s}$  [TeV]