

Probability density

Top++ 2.0, NNPDF2.3

$\sqrt{s} = 7 \text{ TeV}$

$m_t^{\text{pole}} = 173.2 \text{ GeV}$

$\alpha_S(m_Z) = 0.1184$

 **Gauss(PDF)**

 **Rect($\mu_{R/F}$)**

 **Gauss \otimes Rect**

0.05
0.04
0.03
0.02
0.01
0

150 160 170 180 190

$\sigma_{t\bar{t}}$ (pb)

