| $M(t\bar{t})$ | $\frac{1}{\sigma_{\text{norm}}}\frac{\mathrm{d}^2\sigma}{\mathrm{d}|y(t_h)|\mathrm{d}M(t\bar{t})}$ | $M(t\bar{t})$ | $\frac{1}{\sigma_{\text{norm}}}\frac{\mathrm{d}^2\sigma}{\mathrm{d}|y(t_h)|\mathrm{d}M(t\bar{t})}$ |
|---|---|---|---|
| [GeV] | [GeV$^{-2}$] | [GeV] | [GeV$^{-2}$] |
| $0 < p_T(t_h) < 90\,\text{GeV}$ | | | |
| 300–360 | $(9.5 \pm 0.2 \pm 2.0) \times 10^{-6}$ | 580–680 | $(2.69 \pm 0.06 \pm 0.16) \times 10^{-6}$ |
| 360–430 | $(3.33 \pm 0.02 \pm 0.11) \times 10^{-5}$ | 680–800 | $(1.149 \pm 0.039 \pm 0.100) \times 10^{-6}$ |
| 430–500 | $(1.228 \pm 0.015 \pm 0.092) \times 10^{-5}$ | 800–1000 | $(3.95 \pm 0.21 \pm 0.64) \times 10^{-7}$ |
| 500–580 | $(5.65 \pm 0.09 \pm 0.31) \times 10^{-6}$ | 1000–2000 | $(4.7 \pm 0.6 \pm 1.4) \times 10^{-8}$ |
| $90 < p_T(t_h) < 180\,\text{GeV}$ | | | |
| 300–360 | $(7.6 \pm 0.3 \pm 1.3) \times 10^{-7}$ | 580–680 | $(4.72 \pm 0.07 \pm 0.30) \times 10^{-6}$ |
| 360–430 | $(1.604 \pm 0.017 \pm 0.063) \times 10^{-5}$ | 680–800 | $(2.02 \pm 0.05 \pm 0.17) \times 10^{-6}$ |
| 430–500 | $(2.157 \pm 0.018 \pm 0.074) \times 10^{-5}$ | 800–1000 | $(7.08 \pm 0.25 \pm 0.51) \times 10^{-7}$ |
| 500–580 | $(1.068 \pm 0.011 \pm 0.042) \times 10^{-5}$ | 1000–2000 | $(7.0 \pm 0.5 \pm 1.5) \times 10^{-8}$ |
| $180 < p_T(t_h) < 270\,\text{GeV}$ | | | |
| 300–430 | $(4.3 \pm 0.2 \pm 1.1) \times 10^{-7}$ | 680–800 | $(1.595 \pm 0.035 \pm 0.090) \times 10^{-6}$ |
| 430–500 | $(2.364 \pm 0.058 \pm 0.094) \times 10^{-6}$ | 800–1000 | $(5.53 \pm 0.17 \pm 0.46) \times 10^{-7}$ |
| 500–580 | $(5.48 \pm 0.07 \pm 0.27) \times 10^{-6}$ | 1000–1200 | $(1.80 \pm 0.11 \pm 0.26) \times 10^{-7}$ |
| 580–680 | $(3.86 \pm 0.05 \pm 0.18) \times 10^{-6}$ | 1200–2000 | $(2.16 \pm 0.24 \pm 0.59) \times 10^{-8}$ |
| $270 < p_T(t_h) < 800\,\text{GeV}$ | | | |
| 300–430 | $(1.30 \pm 0.16 \pm 0.45) \times 10^{-8}$ | 680–800 | $(1.91 \pm 0.04 \pm 0.12) \times 10^{-7}$ |
| 430–500 | $(5.81 \pm 0.36 \pm 0.95) \times 10^{-8}$ | 800–1000 | $(1.070 \pm 0.022 \pm 0.062) \times 10^{-7}$ |
| 500–580 | $(8.1 \pm 0.4 \pm 1.2) \times 10^{-8}$ | 1000–1200 | $(4.24 \pm 0.16 \pm 0.35) \times 10^{-8}$ |
| 580–680 | $(1.48 \pm 0.04 \pm 0.11) \times 10^{-7}$ | 1200–2000 | $(8.32 \pm 0.32 \pm 0.75) \times 10^{-9}$ |