| | NNLO+$\alpha_{EW}^3$ (LUXQED17) | | NNLO+$\alpha_{EW}^3$ (NNPDF3.1) | | NNLO+NNLL' (NNPDF3.1) | | aN$^3$LO (NNPDF3.0) | | aNNLO (CT14NNLO) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | $\chi^2$/ndof | p-val. | $\chi^2$/ndof | p-val. | $\chi^2$/ndof | p-val. | $\chi^2$/ndof | p-val. | $\chi^2$/ndof | p-val. |
| $p_T^t$ | 14/6 | 0.03 | 10/6 | 0.12 | 17/6 | 0.01 | 8/6 | 0.22 | 17/6 | 0.01 |
| $p_T^{\bar{t}}$ | 14/6 | 0.03 | 10/6 | 0.12 | 13/6 | 0.05 | 9/6 | 0.16 | 13/6 | 0.05 |
| $y_t$ | 9/10 | 0.51 | 6/10 | 0.79 | - | - | 6/10 | 0.84 | 11/10 | 0.38 |
| $y_{\bar{t}}$ | 5/10 | 0.91 | 3/10 | 0.99 | - | - | 4/10 | 0.93 | 9/10 | 0.52 |
| $p_T^{t\bar{t}}$ | 18/6 | 0.01 | 14/6 | 0.03 | - | - | - | - | - | - |
| $y_{t\bar{t}}$ | 9/10 | 0.55 | 4/10 | 0.94 | - | - | - | - | - | - |
| $m_{t\bar{t}}$ | 22/7 | 0.00 | 16/7 | 0.02 | 16/7 | 0.03 | - | - | - | - |
| $\Delta|y|$ (t,$\bar{t}$) | 6/8 | 0.69 | 2/8 | 0.97 | - | - | - | - | - | - |