| $\begin{gathered} p_{\mathrm{T}} \\ (\mathrm{GeV} / c) \\ \hline \end{gathered}$ | $2.0<y<2.5$ | $2.5<y<3.0$ | $3.0<y<3.5$ | $3.5<y<4.0$ | $4.0<y<4.5$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0-1 | $53.1 \pm 4.0 \pm 2.5_{-17.3}^{+8.9}$ | $62.6 \pm 3.0 \pm 2.9_{-11.5}^{+6.1}$ | $48.0 \pm 2.4 \pm 2.2_{-5.8}^{+3.1}$ | $40.1 \pm 2.4 \pm 1.9_{-7.0}^{+3.9}$ | $22.9 \pm 2.7 \pm 1.1{ }_{-5.9}^{+3.4}$ |
| 1-2 | $152.5 \pm 6.8 \pm 7.2_{-50.4}^{+25.7}$ | $148.8 \pm 4.7 \pm 7.0_{-27.5}^{+14.6}$ | $120.5 \pm 3.8 \pm 5.6_{-14.0}^{+7.5}$ | $93.3 \pm 3.7 \pm 4.3_{-14.8}^{+8.1}$ | $64.5 \pm 4.5 \pm 3.0{ }_{-15.0}^{+8.7}$ |
| 2-3 | $211.0 \pm 8.0 \pm 10.0{ }_{-67.2}^{+34.3}$ | $185.3 \pm 5.2 \pm 8.7_{-34.4}^{+18.1}$ | $150.0 \pm 4.3 \pm 7.0_{-17.4}^{+9.2}$ | $116.1 \pm 4.1 \pm 5.4_{-15.5}^{+8.4}$ | $69.8 \pm 4.6 \pm 3.3_{-14.6}^{+8.3}$ |
| 3-4 | $184.3 \pm 7.3 \pm 8.8{ }_{-56.3}^{+28.8}$ | $167.7 \pm 4.9 \pm 7.9^{-15.6 .6}$ | $141.9 \pm 4.2 \pm 6.6_{-15.0}^{+8.0}$ | $109.7 \pm 4.0 \pm 5.1_{-11.9}^{+6.3}$ | $70.6 \pm 4.6 \pm 3.3_{-12.2}^{+6.7}$ |
| 4-5 | $187.3 \pm 7.3 \pm 8.9_{-54.8}^{+27.9}$ | $158.4 \pm 4.8 \pm 7.4_{-26.4}^{+14.0}$ | $120.9 \pm 3.9 \pm 5.7_{-11.3}^{+6.0}$ | $84.6 \pm 3.5 \pm 4.0{ }_{-7.0}^{+3.7}$ | $50.4 \pm 3.8 \pm 2.4_{-7.0}^{+3.7}$ |
| 5-6 | $138.0 \pm 6.2 \pm 6.6_{-38.3}^{+19.4}$ | $134.5 \pm 4.4 \pm 6.3_{-20.8}^{+11.0}$ | $94.2 \pm 3.5 \pm 4.4{ }_{-7.3}^{+3.8}$ | $70.6 \pm 3.2 \pm 3.3_{-4.0}^{+2.1}$ | $45.3 \pm 3.6 \pm 2.1_{-4.9}^{+2.5}$ |
| 6-7 | $105.3 \pm 5.3 \pm 5.0{ }_{-27.6}^{+14.0}$ | $95.2 \pm 3.7 \pm 4.5_{-13.7}^{+7.2}$ | $73.5 \pm 3.0 \pm 3.5_{-4.6}^{+2.4}$ | $57.0 \pm 2.9 \pm 2.7_{-1.9}^{+1.0}$ | $29.5 \pm 2.8 \pm 1.4_{-2.5}^{+1.2}$ |
| 7-8 | $78.3 \pm 4.5 \pm 3.7_{-19.4}^{+9.8}$ | $72.9 \pm 3.2 \pm 3.4_{-9.6}^{+5.0}$ | $60.2 \pm 2.7 \pm 2.8_{-3.0}^{+1.6}$ | $38.3 \pm 2.3 \pm 1.8_{-0.8}^{+0.4}$ | $21.6 \pm 2.4 \pm 1.0_{-1.5}^{+0.7}$ |
| 8-9 | $63.5 \pm 4.0 \pm 3.0{ }_{-14.8}^{+7.5}$ | $57.0 \pm 2.8 \pm 2.7_{-6.8}^{+3.6}$ | $43.3 \pm 2.3 \pm 2.0_{-1.9}^{+1.0}$ | $24.7 \pm 1.9 \pm 1.2_{-0.6}^{+0.3}$ | $13.6 \pm 1.9 \pm 0.6_{-0.8}^{+0.4}$ |
| 9-10 | $50.1 \pm 3.5 \pm 2.4{ }_{-10.8}^{+5.5}$ | $43.2 \pm 2.4 \pm 2.0{ }_{-5.0}^{+6.6}$ | $29.8 \pm 1.9 \pm 1.4_{-1.0}^{+0.5}$ | $19.4 \pm 1.6 \pm 0.9{ }_{-0.6}^{+0.3}$ | $6.1 \pm 1.2 \pm 0.3_{-0.3}^{+0.1}$ |
| 10-11 | $35.4 \pm 2.9 \pm 1.7_{-7.3}^{+3.7}$ | $28.2 \pm 1.9 \pm 1.3_{-3.0}^{+1.6}$ | $23.9 \pm 1.7 \pm 1.1_{-0.8}^{+0.4}$ | $12.3 \pm 1.3 \pm 0.6{ }_{-0.5}^{+0.2}$ | $6.8 \pm 1.3 \pm 0.3_{-0.4}^{+0.2}$ |
| 11-12 | $29.3 \pm 2.6 \pm 1.4_{-5.8}^{+2.9}$ | $19.4 \pm 1.6 \pm 0.9{ }_{-1.9}^{+1.0}$ | $14.7 \pm 1.3 \pm 0.7_{-0.6}^{+0.3}$ | $6.7 \pm 0.9 \pm 0.3_{-0.2}^{+0.1}$ | $4.3 \pm 1.0 \pm 0.2_{-0.3}^{+0.1}$ |
| 12-13 | $20.3 \pm 2.1 \pm 1.0_{-3.7}^{+1.9}$ | $13.7 \pm 1.3 \pm 0.6{ }_{-1.3}^{+0.7}$ | $10.3 \pm 1.1 \pm 0.5_{-0.3}^{+0.2}$ | $6.7 \pm 0.9 \pm 0.3_{-0.2}^{+0.1}$ | $2.8 \pm 0.8 \pm 0.1_{-0.2}^{+0.1}$ |
| 13-14 | $10.4 \pm 1.5 \pm 0.5_{-1.9}^{+0.9}$ | $11.6 \pm 1.2 \pm 0.5_{-1.1}^{+0.6}$ | $8.6 \pm 1.0 \pm 0.4_{-0.2}^{+0.1}$ | $5.0 \pm 0.8 \pm 0.2_{-0.2}^{+0.1}$ | $0.8 \pm 0.4 \pm 0.0_{-0.1}^{+0.0}$ |
| 14-15 | $11.2 \pm 1.5 \pm 0.5_{-2.0}^{-1.0}$ | $8.9 \pm 1.0 \pm 0.4{ }_{-0.8}^{+0.4}$ | $5.7 \pm 0.8 \pm 0.3_{-0.2}^{+0.1}$ | $2.2 \pm 0.5 \pm 0.1_{-0.1}^{-0.2}$ | $1.8 \pm 0.6 \pm 0.1_{-0.1}^{-0.1}$ |

