| $\begin{array}{c\|} \hline p_{\mathrm{T}} \\ (\mathrm{GeV} / c) \\ \hline \end{array}$ | $2.0<y<2.5$ | $2.5<y<3.0$ | $3.0<y<3.5$ | $3.5<y<4.0$ | $4.0<y<4.5$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0-1 | $7.0 \pm 1.5 \pm 0.3_{-2.6}^{+1.3}$ | $6.3 \pm 1.0 \pm 0.3_{-1.0}^{+0.6}$ | $3.1 \pm 0.6 \pm 0.1{ }_{-0.4}^{+0.2}$ | $5.0 \pm 0.9 \pm 0.2{ }_{-0.9}^{+0.5}$ |  |
| 1-2 | $14.1 \pm 2.2 \pm 0.7_{-5.3}^{+2.6}$ | $5.6 \pm 0.9 \pm 0.3_{-1.1}^{+0.6}$ | $11.6 \pm 1.2 \pm 0.6_{-1.3}^{+0.7}$ | $12.7 \pm 1.4 \pm 0.6_{-2.1}^{+1.2}$ | $10.2 \pm 1.9 \pm 0.5_{-2.6}^{+1.4}$ |
| 2-3 | $17.6 \pm 2.3 \pm 0.9{ }_{-5.3}^{+2.7}$ | $22.3 \pm 1.8 \pm 1.1_{-4.1}^{+2.1}$ | $15.2 \pm 1.4 \pm 0.7_{-1.6}^{+0.8}$ | $6.7 \pm 1.0 \pm 0.3_{-0.9}^{+0.5}$ | $9.9 \pm 1.7 \pm 0.5_{-2.1}^{+1.2}$ |
| 3-4 | $24.9 \pm 2.7 \pm 1.2_{-7.7}^{+4.0}$ | $17.6 \pm 1.6 \pm 0.8{ }_{-3.1}^{+1.6}$ | $13.5 \pm 1.3 \pm 0.6_{-1.6}^{+0.8}$ | $6.8 \pm 1.0 \pm 0.3_{-0.8}^{+0.4}$ | $7.5 \pm 1.5 \pm 0.4{ }_{-1.3}^{+0.7}$ |
| 4-5 | $16.7 \pm 2.2 \pm 0.8^{+5.1}$ | $17.5 \pm 1.6 \pm 0.8{ }_{-3.0}^{+1.6}$ | $6.9 \pm 0.9 \pm 0.3_{-0.6}^{+0.3}$ | $6.1 \pm 0.9 \pm 0.3_{-0.5}^{+0.3}$ | $7.6 \pm 1.5 \pm 0.4{ }_{-1.2}^{+0.6}$ |
| 5-6 | $16.6 \pm 2.1 \pm 0.8_{-4.6}^{+2.4}$ | $21.3 \pm 1.8 \pm 1.0{ }_{-3.5}^{+1.8}$ | $12.1 \pm 1.2 \pm 0.6_{-1.1}^{+0.6}$ | $7.8 \pm 1.1 \pm 0.4_{-0.5}^{+0.3}$ | $7.6 \pm 1.4 \pm 0.4_{-0.9}^{+0.5}$ |
| 6-7 | $22.2 \pm 2.5 \pm 1.1^{+5.6}$ | $19.1 \pm 1.7 \pm 0.9_{-3.0}^{+1.5}$ | $8.4 \pm 1.0 \pm 0.4_{-0.6}^{+0.3}$ | $7.1 \pm 1.0 \pm 0.3_{-0.3}^{+0.2}$ | $3.1 \pm 0.9 \pm 0.2_{-0.3}^{+0.1}$ |
| 7-8 | $20.6 \pm 2.4 \pm 1.0_{-5.4}^{+2.7}$ | $10.5 \pm 1.2 \pm 0.5{ }_{-1.6}^{+0.8}$ | $9.2 \pm 1.1 \pm 0.4{ }_{-0.6}^{+0.3}$ | $5.2 \pm 0.9 \pm 0.3{ }_{-0.1}^{+0.1}$ | $1.4 \pm 0.6 \pm 0.1_{-0.1}^{+0.1}$ |
| 8-9 | $13.7 \pm 1.9 \pm 0.7{ }_{-3.3}^{+1.7}$ | $10.7 \pm 1.2 \pm 0.5_{-1.6}^{+0.8}$ | $6.8 \pm 0.9 \pm 0.3_{-0.3}^{+0.1}$ | $2.4 \pm 0.6 \pm 0.1_{-0.1}^{+0.0}$ | $0.6 \pm 0.4 \pm 0.0{ }_{-0.0}^{+0.0}$ |
| 9-10 | $11.3 \pm 1.7 \pm 0.5_{-2.5}^{+1.3}$ | $6.9 \pm 1.0 \pm 0.3_{-0.8}^{+0.4}$ | $5.7 \pm 0.8 \pm 0.3_{-0.3}^{+0.2}$ | $2.5 \pm 0.6 \pm 0.1_{-0.1}^{+0.0}$ | $3.2 \pm 0.9 \pm 0.2_{-0.1}^{+0.1}$ |
| 10-11 | $8.4 \pm 1.5 \pm 0.4{ }_{-2.0}^{+1.0}$ | $5.5 \pm 0.9 \pm 0.3_{-0.6}^{+0.3}$ | $4.3 \pm 0.7 \pm 0.2_{-0.2}^{+0.1}$ | $2.6 \pm 0.6 \pm 0.1_{-0.1}^{+0.1}$ | - |
| 11-12 | $8.7 \pm 1.4 \pm 0.4{ }_{-1.7}^{+0.9}$ | $4.4 \pm 0.7 \pm 0.2{ }_{-0.3}^{+0.2}$ | $3.2 \pm 0.6 \pm 0.2_{-0.2}^{+0.1}$ | $1.8 \pm 0.5 \pm 0.1_{-0.1}^{+0.0}$ | - |
| 12-13 | $4.5 \pm 1.0 \pm 0.2{ }_{-0.9}^{+0.4}$ | $3.2 \pm 0.6 \pm 0.2{ }_{-0.3}^{+0.1}$ | $3.5 \pm 0.7 \pm 0.2_{-0.1}^{+0.1}$ | - | - |
| 13-14 | $2.4 \pm 0.7 \pm 0.1_{-0.4}^{+0.2}$ | $0.7 \pm 0.3 \pm 0.0{ }_{-0.1}^{+0.0}$ | $2.1 \pm 0.5 \pm 0.1_{-0.1}^{+0.0}$ | - | - |
| 14-15 | $0.7 \pm 0.4 \pm 0.0{ }_{-0.1}^{+0.1}$ | $1.5 \pm 0.4 \pm 0.1_{-0.1}^{+0.1}$ | $0.9 \pm 0.3 \pm 0.0{ }_{-0.0}^{+0.0}$ | - | - |

