| $\begin{gathered} p_{\mathrm{T}} \\ (\mathrm{GeV} / c) \end{gathered}$ | $2.0<y<2.5$ | $2.5<y<3.0$ | $3.0<y<3.5$ | $3.5<y<4.0$ | $4.0<y<4.5$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0-1 | $8.2 \pm 1.7 \pm 0.4{ }_{-3.1}^{+1.5}$ | $15.8 \pm 1.6 \pm 0.7{ }_{-2.8}^{+1.5}$ | $7.8 \pm 1.0 \pm 0.4_{-0.8}^{+0.4}$ | $8.6 \pm 1.2 \pm 0.4{ }_{-1.5}^{+0.8}$ | - |
| 1-2 | $25.8 \pm 2.9 \pm 1.2_{-9.2}^{+4.6}$ | $31.2 \pm 2.2 \pm 1.5_{-5.6}^{+3.1}$ | $23.0 \pm 1.7 \pm 1.1_{-2.9}^{+1.6}$ | $18.3 \pm 1.6 \pm 0.9_{-2.8}^{+1.6}$ | $10.4 \pm 1.8 \pm 0.5_{-2.3}^{+1.4}$ |
| 2-3 | $39.3 \pm 3.6 \pm 1.9{ }_{-12.9}^{+0.4}$ | $45.7 \pm 2.6 \pm 2.1_{-8.2}^{+4.5}$ | $24.4 \pm 1.8 \pm 1.1_{-2.9}^{+1.9}$ | $26.3 \pm 2.0 \pm 1.2_{-3.4}^{+1.9}$ | $14.9 \pm 2.2 \pm 0.7_{-3.2}^{+1.8}$ |
| 3-4 | $55.8 \pm 4.2 \pm 2.6_{-17.4}^{+8.9}$ | $42.1 \pm 2.5 \pm 2.0{ }_{-7.3}^{+3.8}$ | $37.8 \pm 2.2 \pm 1.8_{-4.3}^{+2.2}$ | $20.8 \pm 1.8 \pm 1.0_{-2.4}^{+1.3}$ | $11.9 \pm 1.9 \pm 0.6_{-2}^{+1}$ |
| 4-5 | $54.5 \pm 4.1 \pm 2.6_{-15.9}^{+8.2}$ | $39.2 \pm 2.4 \pm 1.8_{-6.7}^{+3.6}$ | $22.6 \pm 1.7 \pm 1.1_{-2.0}^{+1.1}$ | $18.3 \pm 1.6 \pm 0.9{ }_{-1.6}^{+0.8}$ | $12.2 \pm 1.9 \pm 0.6{ }_{-1.8}^{+1.0}$ |
| 5-6 | $39.1 \pm 3.4 \pm 1.9{ }_{-10.3}^{+5.4}$ | $44.8 \pm 2.6 \pm 2.1_{-7.6}^{+3.9}$ | $32.8 \pm 2.1 \pm 1.5^{+2.8}$ | $18.1 \pm 1.6 \pm 0.8_{-1.2}^{+0.6}$ | $7.8 \pm 1.5 \pm 0.4_{-0.9}^{+0.4}$ |
| 6-7 | $28.8 \pm 2.9 \pm 1.4_{-8.3}^{+4.1}$ | $25.1 \pm 1.9 \pm 1.2_{-3.9}^{+2.0}$ | $22.3 \pm 1.7 \pm 1.0{ }_{-1}^{+0}$ | $11.6 \pm 1.3 \pm 0.5_{-0.5}^{+0.3}$ | $5.2 \pm 1.2 \pm 0.2_{-0.5}^{+0.2}$ |
| 7-8 | $21.9 \pm 2.4 \pm 1.0{ }_{-5.4}^{+2.7}$ | $23.4 \pm 1.9 \pm 1.1_{-3.5}^{+1.8}$ | $16.3 \pm 1.4 \pm 0.8^{+0.4}$ | $5.8 \pm 0.9 \pm 0.3_{-0.1}^{+0.1}$ | $5.4 \pm 1.2 \pm 0.3{ }_{-0}^{+0}$ |
| 8-9 | $22.9 \pm 2.4 \pm 1.1_{-4.8}^{+2.6}$ | $17.1 \pm 1.5 \pm 0.8_{-2.0}^{+1.0}$ | $12.4 \pm 1.2 \pm 0.6^{+0.6}$ | $7.6 \pm 1.0 \pm 0.4_{-0.2}^{+0.1}$ | $4.3 \pm 1.0 \pm 0.2_{-0.3}^{+0.1}$ |
| 9-10 | $12.8 \pm 1.8 \pm 0.6_{-2.9}^{+1.5}$ | $12.9 \pm 1.3 \pm 0.6_{-1.2}^{+0.6}$ | $9.8 \pm 1.1 \pm 0.5_{-0.5}^{+0.2}$ | $7.0 \pm 1.0 \pm 0.3_{-0.2}^{+0.1}$ | $1.2 \pm 0.5 \pm 0.1_{-0.1}^{+0.0}$ |
| 10-11 | $10.3 \pm 1.6 \pm 0.5_{-2.1}^{+1.1}$ | $9.5 \pm 1.1 \pm 0.4_{-0.9}^{+0.5}$ | $4.3 \pm 0.7 \pm 0.2_{-0.2}^{+0.1}$ | $6.4 \pm 0.9 \pm 0.3_{-0.2}^{+0.1}$ | $2.6 \pm 0.8 \pm 0.1_{-0.2}^{+0.1}$ |
| 11-12 | $8.6 \pm 1.5 \pm 0.4_{-2.4}^{+1.2}$ | $10.0 \pm 1.1 \pm 0.5_{-0.9}^{+0.5}$ | $4.4 \pm 0.7 \pm 0.2_{-0.1}^{+0.0}$ | $1.2 \pm 0.4 \pm 0.1_{-0.0}^{+0.0}$ | - |
| 12-13 | $5.8 \pm 1.2 \pm 0.3_{-0.9}^{+0.5}$ | $5.8 \pm 0.9 \pm 0.3_{-0.5}^{+0.3}$ | $4.1 \pm 0.7 \pm 0.2{ }_{-0.1}^{+0.0}$ | - | - |
| 13-14 | $4.4 \pm 1.0 \pm 0.2_{-0.7}^{+0.4}$ | $1.7 \pm 0.5 \pm 0.1{ }_{-0.1}^{+0.1}$ | $2.6 \pm 0.5 \pm 0.1{ }_{-0.1}^{+0.0}$ | - | - |
| 14-15 | $1.9 \pm 0.6 \pm 0.1_{-0.3}^{+0.2}$ | $4.9 \pm 0.8 \pm 0.2_{-0.5}^{+0.3}$ | $3.9 \pm 0.7 \pm 0.2{ }_{-0.3}^{+0.1}$ | - | - |

