

| p_T (GeV/ c) | $2 < y < 2.5$ | $2.5 < y < 3$ | $3 < y < 3.5$ | $3.5 < y < 4$ | $4 < y < 4.5$ |
|-------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| 0 – 1 | $4.31 \pm 3.50 \pm 0.21$ | $0.68 \pm 2.34 \pm 0.03$ | $5.63 \pm 3.23 \pm 0.26$ | $5.74 \pm 2.41 \pm 0.28$ | $1.72 \pm 1.66 \pm 0.13$ |
| 1 – 2 | $10.53 \pm 6.6 \pm 0.51$ | $10.09 \pm 4.33 \pm 0.44$ | $14.68 \pm 4.45 \pm 0.68$ | $4.56 \pm 3.01 \pm 0.24$ | $2.42 \pm 2.62 \pm 0.17$ |
| 2 – 3 | $21.82 \pm 7.16 \pm 1.10$ | $13.92 \pm 4.83 \pm 0.61$ | $7.44 \pm 4.66 \pm 0.34$ | $7.77 \pm 4.15 \pm 0.43$ | $6.43 \pm 3.35 \pm 0.48$ |
| 3 – 4 | $7.33 \pm 6.31 \pm 0.35$ | $17.17 \pm 5.19 \pm 0.75$ | $21.45 \pm 5.12 \pm 0.99$ | $9.15 \pm 4.53 \pm 0.54$ | $8.10 \pm 3.86 \pm 0.59$ |
| 4 – 5 | $15.12 \pm 6.33 \pm 0.7$ | $21.59 \pm 5.18 \pm 0.95$ | $20.60 \pm 4.86 \pm 0.96$ | $10.02 \pm 4.44 \pm 0.59$ | $1.11 \pm 2.87 \pm 0.08$ |
| 5 – 6 | $6.81 \pm 5.67 \pm 0.33$ | $11.17 \pm 4.42 \pm 0.49$ | $18.19 \pm 4.91 \pm 0.85$ | $9.11 \pm 3.98 \pm 0.54$ | $1.14 \pm 3.2 \pm 0.09$ |
| 6 – 7 | $10.28 \pm 5.0 \pm 0.51$ | $8.07 \pm 3.65 \pm 0.35$ | $11.79 \pm 4.30 \pm 0.55$ | $9.5 \pm 3.39 \pm 0.56$ | $5.76 \pm 3.22 \pm 0.43$ |
| 7 – 8 | $11.90 \pm 5.60 \pm 0.58$ | $6.12 \pm 3.45 \pm 0.27$ | $6.87 \pm 2.88 \pm 0.32$ | $3.65 \pm 2.19 \pm 0.23$ | $0.00 \pm 2.21 \pm 0.00$ |
| 8 – 9 | $0.52 \pm 7.65 \pm 0.03$ | $10.79 \pm 3.33 \pm 0.47$ | $2.8 \pm 2.19 \pm 0.14$ | | |
| 9 – 10 | $12.20 \pm 5.10 \pm 0.61$ | $3.28 \pm 2.56 \pm 0.14$ | $5.02 \pm 1.96 \pm 0.25$ | $2.02 \pm 1.03 \pm 0.13$ | $1.43 \pm 1.12 \pm 0.10$ |
| 10 – 13 | $4.76 \pm 2.02 \pm 0.24$ | $3.18 \pm 1.19 \pm 0.14$ | $3.47 \pm 0.91 \pm 0.17$ | | |
| 13 – 20 | $1.24 \pm 0.69 \pm 0.07$ | $1.64 \pm 0.48 \pm 0.09$ | $0.85 \pm 0.34 \pm 0.04$ | $0.07 \pm 0.38 \pm 0.00$ | $0.23 \pm 0.32 \pm 0.02$ |