

| $p_T$ [GeV/c] | Forward (mb/( GeV/c ))     |                            |                            |                            |                            |  |
|---------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--|
|               | $1.5 < y^* < 2.0$          | $2.0 < y^* < 2.5$          | $2.5 < y^* < 3.0$          | $3.0 < y^* < 3.5$          | $3.5 < y^* < 4.0$          |  |
| [0, 1]        | 24.67 ± 0.32 ± 0.50 ± 3.45 | 23.48 ± 0.17 ± 0.25 ± 1.70 | 22.01 ± 0.16 ± 0.20 ± 1.16 | 20.19 ± 0.21 ± 0.23 ± 1.02 | 18.41 ± 0.36 ± 0.33 ± 1.09 |  |
| [1, 2]        | 40.79 ± 0.34 ± 0.61 ± 3.83 | 38.45 ± 0.19 ± 0.35 ± 2.19 | 33.79 ± 0.18 ± 0.26 ± 1.50 | 29.89 ± 0.22 ± 0.28 ± 1.31 | 24.17 ± 0.34 ± 0.40 ± 1.63 |  |
| [2, 3]        | 25.50 ± 0.20 ± 0.39 ± 1.76 | 23.73 ± 0.11 ± 0.20 ± 1.08 | 20.34 ± 0.10 ± 0.16 ± 0.82 | 16.84 ± 0.11 ± 0.17 ± 0.69 | 13.03 ± 0.17 ± 0.23 ± 0.78 |  |
| [3, 4]        | 12.46 ± 0.11 ± 0.21 ± 0.63 | 11.09 ± 0.06 ± 0.10 ± 0.47 | 9.31 ± 0.05 ± 0.09 ± 0.38  | 7.73 ± 0.06 ± 0.09 ± 0.36  | 5.22 ± 0.09 ± 0.11 ± 0.46  |  |
| [4, 5]        | 5.79 ± 0.06 ± 0.11 ± 0.27  | 5.23 ± 0.04 ± 0.06 ± 0.21  | 4.36 ± 0.03 ± 0.05 ± 0.17  | 3.32 ± 0.04 ± 0.05 ± 0.14  | 2.17 ± 0.07 ± 0.07 ± 0.45  |  |
| [5, 6]        | 2.94 ± 0.04 ± 0.07 ± 0.14  | 2.53 ± 0.03 ± 0.04 ± 0.11  | 2.04 ± 0.02 ± 0.03 ± 0.09  | 1.47 ± 0.02 ± 0.03 ± 0.10  | 0.93 ± 0.07 ± 0.07 ± 0.37  |  |
| [6, 7]        | 1.42 ± 0.02 ± 0.04 ± 0.08  | 1.26 ± 0.02 ± 0.02 ± 0.05  | 1.04 ± 0.02 ± 0.02 ± 0.06  | 0.72 ± 0.02 ± 0.02 ± 0.10  | 0.31 ± 0.08 ± 0.06 ± 0.20  |  |
| [7, 8]        | 0.84 ± 0.02 ± 0.03 ± 0.04  | 0.66 ± 0.01 ± 0.02 ± 0.04  | 0.53 ± 0.01 ± 0.01 ± 0.03  | 0.36 ± 0.02 ± 0.02 ± 0.09  | —                          |  |
| [8, 9]        | 0.47 ± 0.01 ± 0.02 ± 0.02  | 0.38 ± 0.01 ± 0.01 ± 0.03  | 0.32 ± 0.01 ± 0.01 ± 0.03  | 0.17 ± 0.02 ± 0.02 ± 0.06  | —                          |  |
| [9, 10]       | 0.31 ± 0.01 ± 0.02 ± 0.02  | 0.24 ± 0.01 ± 0.01 ± 0.02  | 0.17 ± 0.01 ± 0.01 ± 0.02  | 0.07 ± 0.01 ± 0.01 ± 0.03  | —                          |  |
| $p_T$ [GeV/c] | Backward (mb/( GeV/c ))    |                            |                            |                            |                            |  |
|               | $-3.0 < y^* < -2.5$        | $-3.5 < y^* < -3.0$        | $-4.0 < y^* < -3.5$        | $-4.5 < y^* < -4.0$        | $-5.0 < y^* < -4.5$        |  |
| [0, 1]        | 27.75 ± 0.48 ± 0.47 ± 5.78 | 29.56 ± 0.33 ± 0.29 ± 2.98 | 28.47 ± 0.38 ± 0.28 ± 1.98 | 25.03 ± 0.58 ± 0.28 ± 1.78 | 20.85 ± 1.08 ± 0.43 ± 2.21 |  |
| [1, 2]        | 46.66 ± 0.51 ± 0.69 ± 6.13 | 46.10 ± 0.35 ± 0.38 ± 3.40 | 40.35 ± 0.38 ± 0.33 ± 2.61 | 35.82 ± 0.56 ± 0.38 ± 2.54 | 27.00 ± 1.01 ± 0.45 ± 2.81 |  |
| [2, 3]        | 28.55 ± 0.29 ± 0.41 ± 2.41 | 25.90 ± 0.19 ± 0.22 ± 1.62 | 21.47 ± 0.18 ± 0.17 ± 1.26 | 17.13 ± 0.23 ± 0.19 ± 1.09 | 11.82 ± 0.45 ± 0.23 ± 0.97 |  |
| [3, 4]        | 12.73 ± 0.15 ± 0.18 ± 0.93 | 10.98 ± 0.10 ± 0.10 ± 0.64 | 8.75 ± 0.09 ± 0.08 ± 0.50  | 6.33 ± 0.10 ± 0.08 ± 0.45  | 3.61 ± 0.17 ± 0.09 ± 0.55  |  |
| [4, 5]        | 5.60 ± 0.08 ± 0.09 ± 0.38  | 4.59 ± 0.05 ± 0.05 ± 0.26  | 3.36 ± 0.05 ± 0.04 ± 0.19  | 2.21 ± 0.05 ± 0.03 ± 0.14  | 1.47 ± 0.13 ± 0.06 ± 0.43  |  |
| [5, 6]        | 2.53 ± 0.05 ± 0.05 ± 0.16  | 1.93 ± 0.03 ± 0.03 ± 0.11  | 1.38 ± 0.03 ± 0.02 ± 0.08  | 0.82 ± 0.03 ± 0.02 ± 0.10  | 0.57 ± 0.14 ± 0.06 ± 0.30  |  |
| [6, 7]        | 1.32 ± 0.03 ± 0.03 ± 0.08  | 0.92 ± 0.02 ± 0.02 ± 0.06  | 0.62 ± 0.02 ± 0.01 ± 0.04  | 0.28 ± 0.02 ± 0.01 ± 0.07  | —                          |  |
| [7, 8]        | 0.65 ± 0.02 ± 0.02 ± 0.04  | 0.48 ± 0.02 ± 0.01 ± 0.04  | 0.31 ± 0.01 ± 0.01 ± 0.04  | 0.19 ± 0.03 ± 0.01 ± 0.08  | —                          |  |
| [8, 9]        | 0.33 ± 0.02 ± 0.01 ± 0.02  | 0.24 ± 0.01 ± 0.01 ± 0.02  | 0.14 ± 0.01 ± 0.01 ± 0.03  | 0.11 ± 0.03 ± 0.01 ± 0.08  | —                          |  |
| [9, 10]       | 0.22 ± 0.01 ± 0.01 ± 0.02  | 0.13 ± 0.01 ± 0.01 ± 0.01  | 0.08 ± 0.01 ± 0.00 ± 0.02  | —                          | —                          |  |