

| Cat. | Fundamental Tables        |       |             |       | Advanced Table      |       |             |       |                     |             |         |             |                |   |
|------|---------------------------|-------|-------------|-------|---------------------|-------|-------------|-------|---------------------|-------------|---------|-------------|----------------|---|
|      | $L_T + p_T^{\text{miss}}$ |       | $S_T$       |       | 0 b tag             |       |             |       |                     | 1 b tag     |         |             | $\geq 2$ b tag |   |
|      | Range                     | Bins  | Range       | Bins  | $p_T^{\text{miss}}$ | $H_T$ | $S_T$ Range | Bins  | $p_T^{\text{miss}}$ | $S_T$ Range | Bins    | $S_T$ Range | Bins           |   |
| D1   | Incl.                     | 1     | Incl.       | 1     | —                   | —     | Incl.       | 1     | —                   | —           | —       | —           | —              | — |
| D2   | [150, 950]                | 2–5   | [0, 1400]   | 2–8   | < 75                | < 50  | [150, 550]  | 2–3   | < 75                | [200, 800]  | 1–3     | [400, 1000] | 27–29          |   |
|      |                           |       |             |       | < 75                | > 50  | [200, 1000] | 4–7   |                     |             |         |             |                |   |
|      |                           |       |             |       | > 75                | < 50  | [100, 700]  | 8–10  | > 75                | [300, 1100] | 4–7     |             |                |   |
|      |                           |       |             |       | > 75                | > 50  | [250, 1050] | 11–14 |                     |             |         |             |                |   |
| D3   | [150, 750]                | 6–8   | [150, 950]  | 9–12  | < 75                | < 50  | [0, 400]    | 15–16 | —                   | [250, 850]  | 8–10    | Incl.       | 30             |   |
|      |                           |       |             |       | < 75                | > 50  | Incl.       | 17    |                     |             |         |             |                |   |
|      |                           |       |             |       | > 75                | —     | Incl.       | 18    |                     |             |         |             |                |   |
| D4   | [50, 1250]                | 9–14  | [100, 1500] | 13–19 | < 75                | < 50  | [0, 1000]   | 19–23 | < 75                | [100, 900]  | 11–14   | [250, 1050] | 31–34          |   |
|      |                           |       |             |       | < 75                | > 50  | [150, 1150] | 24–28 |                     |             |         |             |                |   |
|      |                           |       |             |       | > 75                | < 50  | [150, 750]  | 29–31 | > 75                | [250, 1050] | 15–18   |             |                |   |
| D5   | [100, 700]                | 15–17 | [50, 1050]  | 20–24 | —                   | —     | —           | —     | < 75                | [100, 900]  | 19–22   | Incl.       | 35             |   |
|      |                           |       |             |       | —                   | —     | —           | —     | > 75                | Incl.       | 23      |             |                |   |
| D6   | [0, 800]                  | 18–21 | [100, 1100] | 25–29 | < 75                | < 50  | [0, 600]    | 36–38 | —                   | [150, 750]  | 24–26   | Incl.       | 36             |   |
|      |                           |       |             |       | < 75                | > 50  | [150, 750]  | 39–41 |                     |             |         |             |                |   |
|      |                           |       |             |       | > 75                | —     | Incl.       | 42    |                     |             |         |             |                |   |
| E1   | [100, 500]                | 22–23 | [250, 650]  | 30–31 | —                   | —     | Incl.       | 1     | —                   | [150, 950]  | 21–24 † | [250, 850]  | 28–30 †        |   |
| E2   | [100, 900]                | 24–27 | [50, 1250]  | 32–36 | —                   | —     | [100, 1100] | 2–6   | —                   | —           | †       | †           | †              |   |
| E3   | [150, 750]                | 28–30 | [0, 1000]   | 37–42 | —                   | —     | [0, 800]    | 7–10  | —                   | —           | †       | †           | †              |   |
| F1   | Incl.                     | 31    | [50, 450]   | 43–44 | —                   | —     | Incl.       | 11    | —                   | [200, 800]  | 25–27 ‡ | Incl.       | 31 ‡           |   |
| F2   | [150, 550]                | 32–33 | [100, 700]  | 45–47 | —                   | —     | [150, 550]  | 12–13 | —                   | —           | ‡       | ‡           | ‡              |   |
| F3   | [100, 700]                | 34–36 | [150, 950]  | 48–51 | —                   | —     | [100, 900]  | 14–17 | —                   | —           | ‡       | ‡           | ‡              |   |
| F4   | [150, 550]                | 37–38 | [200, 800]  | 52–54 | —                   | —     | [150, 550]  | 18–19 | —                   | —           | ‡       | ‡           | ‡              |   |
| G1   | Incl.                     | 39    | Incl.       | 55    | —                   | —     | Incl.       | 20    | —                   | —           | —       | —           | —              |   |