

| $n_{\text{jet}}$ | $L_{\text{T}}$<br>[GeV] | $H_{\text{T}}$<br>[GeV] | Bin name   | Signal T5qqqqWW $m_{\tilde{g}}/m_{\tilde{\chi}^0}$ [TeV]<br>(1.5/1.0) | Signal T5qqqqWW $m_{\tilde{g}}/m_{\tilde{\chi}^0}$ [TeV]<br>(1.9/0.1) | Predicted background | Observed |
|------------------|-------------------------|-------------------------|------------|---|---|----------------------|----------|
| 5                | [250, 350]              | [500, 750]              | LT0, HT0   | 1.82 $\pm$ 0.29   | < 0.01  | 101.91 $\pm$ 47.55   | 111      |
|                  |                         | $\geq 750$              | LT0, HT1i  | 0.21 $\pm$ 0.09   | 0.01 $\pm$ 0.01   | 76.73 $\pm$ 16.19    | 100      |
|                  | [350, 450]              | [500, 750]              | LT1, HT0   | 2.25 $\pm$ 0.32   | < 0.01  | 24.43 $\pm$ 14.78    | 25       |
|                  |                         | $\geq 750$              | LT1, HT1i  | 0.29 $\pm$ 0.11   | 0.04 $\pm$ 0.01   | 22.78 $\pm$ 8.29     | 22       |
|                  | [450, 650]              | [500, 750]              | LT2, HT0   | 3.02 $\pm$ 0.37   | < 0.01  | 14.46 $\pm$ 6.5      | 17       |
|                  |                         | [750, 1250]             | LT2, HT12  | 1.4 $\pm$ 0.25  | 0.04 $\pm$ 0.02   | 12.13 $\pm$ 4.68     | 10       |
|                  |                         | $\geq 1250$             | LT2, HT3i  | 0.08 $\pm$ 0.06   | 0.25 $\pm$ 0.04   | 4.15 $\pm$ 1.72      | 2        |
|                  | $\geq 650$              | [500, 750]              | LT3i, HT0  | 0.74 $\pm$ 0.18   | 0.01 $\pm$ 0.01   | 2.32 $\pm$ 1.49      | 5        |
|                  |                         | [750, 1250]             | LT3i, HT12 | 0.49 $\pm$ 0.15   | 0.12 $\pm$ 0.03   | 5.79 $\pm$ 1.96      | 6        |
|                  |                         | $\geq 1250$             | LT3i, HT3i | 0.14 $\pm$ 0.07   | 1.15 $\pm$ 0.08   | 2.74 $\pm$ 1.26      | 0        |
| [6,7]            | [250, 350]              | [500, 1000]             | LT0, HT01  | 3.02 $\pm$ 0.36   | < 0.01  | 89.32 $\pm$ 38.21    | 85       |
|                  |                         | $\geq 1000$             | LT0, HT2i  | 0.31 $\pm$ 0.1  | 0.09 $\pm$ 0.02   | 30.94 $\pm$ 5.08     | 33       |
|                  | [350, 450]              | [500, 1000]             | LT1, HT01  | 4.13 $\pm$ 0.41   | 0.01 $\pm$ 0.01   | 18.91 $\pm$ 10.89    | 31       |
|                  |                         | $\geq 1000$             | LT1, HT2i  | 0.52 $\pm$ 0.14   | 0.14 $\pm$ 0.03   | 9.51 $\pm$ 2.34      | 8        |
|                  | [450, 650]              | [500, 750]              | LT2, HT0   | 3.63 $\pm$ 0.39   | < 0.01  | 5.71 $\pm$ 3.31      | 13       |
|                  |                         | [750, 1250]             | LT2, HT12  | 3.79 $\pm$ 0.39   | 0.03 $\pm$ 0.01   | 8.21 $\pm$ 3.15      | 8        |
|                  |                         | $\geq 1250$             | LT2, HT3i  | 0.36 $\pm$ 0.12   | 0.47 $\pm$ 0.05   | 3.61 $\pm$ 1.78      | 4        |
|                  | $\geq 650$              | [500, 750]              | LT3i, HT0  | 0.89 $\pm$ 0.19   | < 0.01  | 0.79 $\pm$ 0.53      | 3        |
|                  |                         | [750, 1250]             | LT3i, HT12 | 1.77 $\pm$ 0.26   | 0.15 $\pm$ 0.03   | 3.63 $\pm$ 1.37      | 5        |
|                  |                         | $\geq 1250$             | LT3i, HT3i | 0.83 $\pm$ 0.18   | 2.83 $\pm$ 0.12   | 1.83 $\pm$ 0.86      | 1        |
| 8 & I            | [250, 350]              | [500, 1000]             | LT0, HT01  | 0.88 $\pm$ 0.18   | < 0.01  | 6.96 $\pm$ 2.83      | 16       |
|                  |                         | $\geq 1000$             | LT0, HT2i  | 0.26 $\pm$ 0.09   | 0.03 $\pm$ 0.01   | 6.32 $\pm$ 1.17      | 4        |
|                  | [350, 450]              | [500, 1000]             | LT1, HT01  | 0.55 $\pm$ 0.14   | < 0.01  | 1.67 $\pm$ 0.77      | 3        |
|                  |                         | $\geq 1000$             | LT1, HT2i  | 0.72 $\pm$ 0.15   | 0.11 $\pm$ 0.02   | 2.65 $\pm$ 0.89      | 4        |
|                  | [450, 650]              | [500, 1250]             | LT2, HT02  | 2.07 $\pm$ 0.26   | 0.01 $\pm$ 0.01   | 0.63 $\pm$ 0.32      | 0        |
|                  |                         | $\geq 1250$             | LT2, HT3i  | 0.45 $\pm$ 0.12   | 0.3 $\pm$ 0.04  | 0.68 $\pm$ 0.35      | 1        |
|                  | $\geq 650$              | [500, 1250]             | LT3i, HT02 | 0.97 $\pm$ 0.18   | 0.04 $\pm$ 0.01   | 0.27 $\pm$ 0.23      | 1        |
|                  |                         | $\geq 1250$             | LT3i, HT3i | 1.12 $\pm$ 0.18   | 1.37 $\pm$ 0.08   | 0.38 $\pm$ 0.24      | 1        |