| $M_{LQ}$ | Signal | W+Jets | $t\bar{t}$ | VV | Other BG | All BG (stat + syst) | Data |
|---|---|---|---|---|---|---|---|
| 200 | 116600 ± 1500 | 5672 ± 26 | 15816 ± 51 | 1049.6 ± 5.0 | 2732 ± 15 | 25270 ± 59 ± 1171 | 26043 |
| 250 | 51050 ± 580 | 2635 ± 16 | 4662 ± 28 | 575.9 ± 3.7 | 1155 ± 10 | 9029 ± 34 ± 431 | 9519 |
| 300 | 23840 ± 250 | 1259.2 ± 9.7 | 2066 ± 18 | 346.8 ± 3.0 | 611.7 ± 7.6 | 4284 ± 22 ± 197 | 4669 |
| 350 | 11580 ± 120 | 757.1 ± 7.2 | 964 ± 13 | 200.7 ± 2.3 | 335 ± 5.6 | 2256 ± 16 ± 122 | 2379 |
| 400 | 6051 ± 58 | 418.2 ± 4.8 | 461.3 ± 8.8 | 131.5 ± 1.9 | 176 ± 4.2 | 1187 ± 11 ± 70 | 1279 |
| 450 | 3280 ± 32 | 248.1 ± 3.4 | 228.4 ± 6.2 | 86.4 ± 1.6 | 108.1 ± 3.4 | 671 ± 8.0 ± 47 | 737 |
| 500 | 1911 ± 18 | 177.2 ± 2.8 | 119.3 ± 4.4 | 58.8 ± 1.3 | 67.6 ± 2.7 | 422.9 ± 6.1 ± 40 | 430 |
| 550 | 1165 ± 10 | 99.2 ± 1.8 | 69.2 ± 3.4 | 44 ± 1.2 | 42.9 ± 2.1 | 255.4 ± 4.6 ± 18.9 | 270 |
| 600 | 708.9 ± 6.2 | 70.9 ± 1.5 | 43.4 ± 2.7 | 31.1 ± 1.0 | 28.6 ± 1.7 | 174 ± 3.7 ± 13 | 179 |
| 650 | 453.4 ± 3.9 | 53.8 ± 1.3 | 26.8 ± 2.1 | 22.89 ± 0.91 | 19.7 ± 1.4 | 123.2 ± 3.0 ± 10.1 | 130 |
| 700 | 301 ± 2.5 | 36.02 ± 0.96 | 16.7 ± 1.7 | 17.03 ± 0.78 | 14.8 ± 1.2 | 84.6 ± 2.4 ± 7.1 | 93 |
| 750 | 199.2 ± 1.6 | 22.73 ± 0.68 | 11.59 ± 1.43 | 13.32 ± 0.71 | 9.89 ± 0.96 | 57.5 ± 2.0 ± 5.2 | 68 |
| 800 | 136.2 ± 1.1 | 13.95 ± 0.46 | 7.6 ± 1.15 | 8.58 ± 0.52 | 7.6 ± 0.83 | 37.7 ± 1.6 ± 4.3 | 57 |
| 850 | 94.69 ± 0.75 | 10.49 ± 0.37 | 4.88 ± 0.92 | 7.46 ± 0.52 | 6.51 ± 0.81 | 29.3 ± 1.4 ± 3.5 | 45 |
| 900 | 65.88 ± 0.51 | 8.96 ± 0.34 | 3.43 ± 0.79 | 6.14 ± 0.48 | 5.56 ± 0.75 | 24.1 ± 1.2 ± 2.4 | 35 |
| 950 | 47.05 ± 0.36 | 5.96 ± 0.25 | 2.36 ± 0.65 | 4.85 ± 0.42 | 3.7 ± 0.55 | 16.87 ± 0.99 ± 1.69 | 30 |
| 1000 | 33.89 ± 0.25 | 5.4 ± 0.24 | 1.66 ± 0.55 | 4.3 ± 0.41 | 3.3 ± 0.52 | 14.67 ± 0.9 ± 1.51 | 26 |
| 1050 | 24.42 ± 0.18 | 4.2 ± 0.2 | 1.48 ± 0.52 | 3.9 ± 0.4 | 2.54 ± 0.45 | 12.12 ± 0.83 ± 1.27 | 20 |
| 1100 | 18 ± 0.13 | 4.16 ± 0.22 | 1.29 ± 0.49 | 3.31 ± 0.38 | 1.83 ± 0.33 | 10.59 ± 0.74 ± 1.15 | 15 |
| 1150 | 13.413 ± 0.095 | 3.05 ± 0.17 | 0.759 ± 0.379 | 2.87 ± 0.35 | 1.29 ± 0.28 | 7.97 ± 0.61 ± 0.92 | 13 |
| 1200 | 9.979 ± 0.07 | 3.02 ± 0.18 | 0.559 ± 0.323 | 2.29 ± 0.31 | 1.09 ± 0.23 | 6.96 ± 0.54 ± 0.81 | 11 |
| 1250 | 7.417 ± 0.052 | 2.68 ± 0.17 | 0.74 ± 0.37 | 2.07 ± 0.3 | 0.591 ± 0.137 | 6.08 ± 0.52 ± 0.72 | 11 |
| 1300 | 5.575 ± 0.038 | 1.61 ± 0.11 | 0.74 ± 0.37 | 1.79 ± 0.28 | 0.73 ± 0.14 | 4.87 ± 0.49 ± 0.55 | 9 |
| 1350 | 4.213 ± 0.028 | 1.026 ± 0.074 | 0.74 ± 0.37 | 1.5 ± 0.25 | 0.7 ± 0.14 | 3.97 ± 0.48 ± 0.43 | 7 |
| 1400 | 3.194 ± 0.022 | 1.005 ± 0.077 | 0.74 ± 0.37 | 1.33 ± 0.26 | 0.69 ± 0.14 | 3.76 ± 0.48 ± 0.39 | 7 |
| 1450 | 2.416 ± 0.016 | 1.45 ± 0.12 | 0.559 ± 0.323 | 1.32 ± 0.26 | 0.65 ± 0.14 | 3.97 ± 0.45 ± 0.44 | 7 |
| 1500 | 1.841 ± 0.012 | 1.29 ± 0.11 | 0.559 ± 0.323 | 1.32 ± 0.26 | 0.584 ± 0.138 | 3.75 ± 0.45 ± 0.41 | 7 |
| 1550 | 1.4007 ± 0.0091 | 1.12 ± 0.1 | 0.559 ± 0.323 | 1.32 ± 0.26 | 0.491 ± 0.137 | 3.49 ± 0.45 ± 0.39 | 6 |
| 1600 | 1.0671 ± 0.0069 | 1.07 ± 0.1 | 0.559 ± 0.323 | 1.27 ± 0.26 | 0.457 ± 0.137 | 3.35 ± 0.45 ± 0.37 | 6 |
| 1650 | 0.8159 ± 0.0053 | 0.884 ± 0.09 | 0.559 ± 0.323 | 1.27 ± 0.26 | 0.442 ± 0.137 | 3.15 ± 0.44 ± 0.35 | 6 |
| 1700 | 0.629 ± 0.004 | 0.99 ± 0.11 | 0.559 ± 0.323 | 1.05 ± 0.24 | 0.416 ± 0.137 | 3.01 ± 0.44 ± 0.32 | 6 |
| 1750 | 0.487 ± 0.003 | 0.91 ± 0.11 | 0.381 ± 0.27 | 0.98 ± 0.23 | 0.384 ± 0.136 | 2.65 ± 0.39 ± 0.3 | 5 |
| 1800 | 0.373 ± 0.002 | 0.91 ± 0.11 | 0.381 ± 0.27 | 0.96 ± 0.24 | 0.359 ± 0.136 | 2.61 ± 0.4 ± 0.29 | 5 |
| 1850 | 0.287 ± 0.002 | 0.88 ± 0.11 | 0.199 ± 0.199 | 0.9 ± 0.23 | 0.321 ± 0.136 | 2.3 ± 0.35 ± 0.28 | 4 |
| 1900 | 0.221 ± 0.001 | 0.74 ± 0.097 | 0.199 ± 0.199 | 0.86 ± 0.24 | 0.309 ± 0.136 | 2.11 ± 0.35 ± 0.25 | 3 |
| 1950 | 0.17 ± 0.001 | 0.685 ± 0.096 | 0.199 ± 0.199 | 0.83 ± 0.24 | 0.3 ± 0.136 | 2.02 ± 0.35 ± 0.24 | 3 |
| 2000 | 0.132 ± 0.001 | 0.68 ± 0.1 | 0.199 ± 0.199 | 0.29 ± 0.088 | 0.295 ± 0.136 | 1.47 ± 0.28 ± 0.15 | 2 |