

| Channel | 4e | 4 μ | 2e2 μ | 4 ℓ |
|------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| q \bar{q} \rightarrow ZZ | 71.3 $^{+8.4}_{-8.0}$ | 132.6 $^{+11.6}_{-11.6}$ | 173.3 $^{+20.6}_{-19.3}$ | 377.2 $^{+36.6}_{-35.7}$ |
| gg \rightarrow ZZ | 14.8 $^{+2.6}_{-2.5}$ | 25.3 $^{+3.9}_{-3.9}$ | 36.8 $^{+6.5}_{-6.5}$ | 76.9 $^{+12.6}_{-12.6}$ |
| Z + X | 9.8 $^{+4.2}_{-4.0}$ | 10.2 $^{+3.8}_{-3.8}$ | 20.4 $^{+7.9}_{-7.7}$ | 40.4 $^{+9.7}_{-9.5}$ |
| Sum of backgrounds | 95.9 $^{+10.9}_{-10.4}$ | 168.0 $^{+14.1}_{-14.0}$ | 230.5 $^{+25.5}_{-24.2}$ | 494.4 $^{+44.6}_{-43.3}$ |
| Signal ($m_H = 125$ GeV) | 4.6 $^{+0.6}_{-0.6}$ | 8.7 $^{+1.0}_{-1.0}$ | 11.2 $^{+1.5}_{-1.5}$ | 24.5 $^{+2.9}_{-3.0}$ |
| Total expected | 100.5 $^{+11.4}_{-10.8}$ | 176.7 $^{+14.8}_{-14.7}$ | 241.7 $^{+26.6}_{-25.2}$ | 518.9 $^{+46.6}_{-45.3}$ |
| Observed | 111 | 178 | 244 | 533 |