

| Production process | | Decay mode | | | | | | | | | | | | | | | |
|--------------------|-----------|---|--|--|---|--|--|---|--|--|---|---|---|---|--|--|--|
| | | H → γγ [fb] | | | H → ZZ [fb] | | | H → WW [pb] | | | H → ττ [fb] | | | H → bb [pb] | | | |
| | | Best fit value | Uncertainty Stat | Uncertainty Syst | Best fit value | Uncertainty Stat | Uncertainty Syst | Best fit value | Uncertainty Stat | Uncertainty Syst | Best fit value | Uncertainty Stat | Uncertainty Syst | Best fit value | Uncertainty Stat | Uncertainty Syst | |
| ggF | Measured | 48.0 ^{+10.0} _{-9.7} (^{+9.7} _{-9.5}) | +9.4 (^{+9.4} _{-9.4}) | +3.2 (^{+2.5} _{-1.6}) | 580 ⁺¹⁷⁰ ₋₁₆₀ (⁺¹⁵⁰ ₋₁₃₀) | +170 (⁺¹⁴⁰ ₋₁₃₀) | +40 (⁺³⁰ ₋₂₀) | 3.5 ^{+0.7} _{-0.7} (^{+0.7} _{-0.7}) | +0.5 (^{+0.5} _{-0.5}) | +0.5 (^{+0.5} _{-0.5}) | 1300 ⁺⁷⁰⁰ ₋₇₀₀ (⁺⁷⁰⁰ ₋₇₀₀) | +400 (⁺⁴⁰⁰ ₋₄₀₀) | +500 (⁺⁵⁰⁰ ₋₅₀₀) | — | — | — | |
| | Predicted | 44 ± 5 | — | — | 510 ± 60 | — | — | 4.1 ± 0.5 | — | — | 1210 ± 140 | — | — | 11.0 ± 1.2 | — | — | |
| | Ratio | 1.10 ^{+0.23} _{-0.22} (^{+0.23} _{-0.21}) | +0.22 (^{+0.22} _{-0.21}) | +0.07 (^{+0.07} _{-0.05}) | 1.13 ^{+0.34} _{-0.31} (^{+0.34} _{-0.30}) | +0.33 (^{+0.33} _{-0.30}) | +0.09 (^{+0.09} _{-0.07}) | 0.84 ^{+0.17} _{-0.17} (^{+0.17} _{-0.17}) | +0.12 (^{+0.12} _{-0.12}) | +0.12 (^{+0.12} _{-0.11}) | 1.0 ^{+0.6} _{-0.6} (^{+0.6} _{-0.6}) | +0.4 (^{+0.4} _{-0.4}) | +0.4 (^{+0.4} _{-0.4}) | — | — | — | |
| VBF | Measured | 4.6 ^{+1.9} _{-1.8} (^{+1.8} _{-1.6}) | +1.8 (^{+1.7} _{-1.6}) | +0.6 (^{+0.5} _{-0.4}) | 3 ⁺⁴⁶ ₋₂₆ (⁺⁶⁰ ₋₃₉) | +46 (⁺⁶⁰ ₋₃₉) | +7 (⁺⁸ ₋₅) | 0.39 ^{+0.14} _{-0.13} (^{+0.15} _{-0.13}) | +0.13 (^{+0.13} _{-0.12}) | +0.07 (^{+0.07} _{-0.06}) | 125 ⁺³⁹ ₋₃₇ (⁺³⁹ ₋₃₇) | +34 (⁺³⁴ ₋₃₂) | +19 (⁺¹⁹ ₋₁₈) | — | — | — | |
| | Predicted | 3.60 ± 0.20 | — | — | 42.2 ± 2.0 | — | — | 0.341 ± 0.017 | — | — | 100 ± 6 | — | — | 0.91 ± 0.04 | — | — | |
| | Ratio | 1.3 ^{+0.5} _{-0.5} (^{+0.5} _{-0.5}) | +0.5 (^{+0.5} _{-0.5}) | +0.2 (^{+0.2} _{-0.1}) | 0.1 ^{+1.1} _{-0.6} (^{+1.1} _{-0.6}) | +1.1 (^{+1.1} _{-0.6}) | +0.2 (^{+0.2} _{-0.2}) | 1.2 ^{+0.4} _{-0.4} (^{+0.4} _{-0.3}) | +0.4 (^{+0.4} _{-0.3}) | +0.2 (^{+0.2} _{-0.2}) | 1.3 ^{+0.4} _{-0.4} (^{+0.4} _{-0.3}) | +0.3 (^{+0.3} _{-0.3}) | +0.2 (^{+0.2} _{-0.2}) | — | — | — | |
| WH | Measured | 0.7 ^{+2.1} _{-1.9} (^{+1.9} _{-1.8}) | +2.1 (^{+1.9} _{-1.8}) | +0.3 (^{+0.1} _{-0.1}) | — | — | — | 0.24 ^{+0.18} _{-0.16} (^{+0.16} _{-0.14}) | +0.15 (^{+0.14} _{-0.13}) | +0.10 (^{+0.08} _{-0.07}) | -64 ⁺⁶⁴ ₋₆₁ (⁺⁶⁷ ₋₆₄) | +55 (⁺⁶⁰ ₋₅₄) | +32 (⁺³⁰ ₋₃₂) | 0.42 ^{+0.21} _{-0.20} (^{+0.22} _{-0.21}) | +0.17 (^{+0.18} _{-0.17}) | +0.12 (^{+0.12} _{-0.11}) | |
| | Predicted | 1.60 ± 0.09 | — | — | 18.8 ± 0.9 | — | — | 0.152 ± 0.007 | — | — | 44.3 ± 2.8 | — | — | 0.404 ± 0.017 | — | — | |
| | Ratio | 0.5 ^{+1.3} _{-1.2} (^{+1.3} _{-1.1}) | +1.3 (^{+1.3} _{-1.1}) | +0.2 (^{+0.2} _{-0.2}) | — | — | — | 1.6 ^{+1.2} _{-1.0} (^{+1.2} _{-0.9}) | +1.0 (^{+1.0} _{-0.9}) | +0.6 (^{+0.6} _{-0.5}) | -1.4 ^{+1.4} _{-1.4} (^{+1.2} _{-1.1}) | +1.2 (^{+1.2} _{-1.1}) | +0.7 (^{+0.7} _{-0.8}) | 1.0 ^{+0.5} _{-0.5} (^{+0.5} _{-0.4}) | +0.4 (^{+0.4} _{-0.4}) | +0.3 (^{+0.3} _{-0.3}) | |
| ZH | Measured | 0.5 ^{+2.9} _{-2.4} (^{+2.3} _{-1.9}) | +2.8 (^{+2.3} _{-1.9}) | +0.5 (^{+0.1} _{-0.1}) | — | — | — | 0.53 ^{+0.23} _{-0.20} (^{+0.17} _{-0.14}) | +0.21 (^{+0.16} _{-0.14}) | +0.10 (^{+0.05} _{-0.04}) | 58 ⁺⁵⁶ ₋₄₇ (⁺⁴⁹ ₋₄₀) | +52 (⁺⁴⁶ ₋₃₈) | +20 (⁺¹⁶ ₋₁₂) | 0.08 ^{+0.09} _{-0.09} (^{+0.10} _{-0.09}) | +0.08 (^{+0.09} _{-0.08}) | +0.04 (^{+0.05} _{-0.04}) | |
| | Predicted | 0.94 ± 0.06 | — | — | 11.1 ± 0.6 | — | — | 0.089 ± 0.005 | — | — | 26.1 ± 1.8 | — | — | 0.238 ± 0.012 | — | — | |
| | Ratio | 0.5 ^{+3.0} _{-2.5} (^{+3.0} _{-2.5}) | +3.0 (^{+3.0} _{-2.5}) | +0.5 (^{+0.5} _{-0.2}) | — | — | — | 5.9 ^{+2.6} _{-2.2} (^{+2.3} _{-2.1}) | +2.3 (^{+2.1} _{-2.0}) | +1.1 (^{+1.0} _{-0.8}) | 2.2 ^{+2.2} _{-1.8} (^{+2.0} _{-1.7}) | +2.0 (^{+2.0} _{-1.7}) | +0.8 (^{+0.8} _{-0.6}) | 0.4 ^{+0.4} _{-0.4} (^{+0.4} _{-0.3}) | +0.3 (^{+0.3} _{-0.3}) | +0.2 (^{+0.2} _{-0.2}) | |
| ttH | Measured | 0.64 ^{+0.48} _{-0.38} (^{+0.45} _{-0.34}) | +0.48 (^{+0.44} _{-0.33}) | +0.07 (^{+0.10} _{-0.05}) | — | — | — | 0.14 ^{+0.05} _{-0.05} (^{+0.04} _{-0.04}) | +0.04 (^{+0.04} _{-0.04}) | +0.03 (^{+0.02} _{-0.02}) | -15 ⁺³⁰ ₋₂₆ (⁺³¹ ₋₂₆) | +26 (⁺²⁶ ₋₂₂) | +15 (⁺¹⁶ ₋₁₃) | 0.08 ^{+0.07} _{-0.04} (^{+0.07} _{-0.06}) | +0.04 (^{+0.04} _{-0.04}) | +0.06 (^{+0.06} _{-0.05}) | |
| | Predicted | 0.294 ± 0.035 | — | — | 3.4 ± 0.4 | — | — | 0.0279 ± 0.0032 | — | — | 8.1 ± 1.0 | — | — | 0.074 ± 0.008 | — | — | |
| | Ratio | 2.2 ^{+1.6} _{-1.3} (^{+1.6} _{-1.3}) | +1.6 (^{+1.6} _{-1.3}) | +0.2 (^{+0.2} _{-0.1}) | — | — | — | 5.0 ^{+1.8} _{-1.7} (^{+1.5} _{-1.5}) | +1.5 (^{+1.5} _{-1.5}) | +1.0 (^{+1.0} _{-0.9}) | -1.9 ^{+3.7} _{-3.3} (^{+3.2} _{-2.7}) | +3.2 (^{+3.2} _{-2.7}) | +1.9 (^{+1.9} _{-1.8}) | 1.1 ^{+1.0} _{-1.0} (^{+1.0} _{-0.5}) | +0.5 (^{+0.5} _{-0.5}) | +0.8 (^{+0.8} _{-0.8}) | |