

|               | Category      |            |               |            |               |            |
|---------------|---------------|------------|---------------|------------|---------------|------------|
|               | 0-jet DF      |            | 1-jet DF      |            | 0-jet SF      |            |
|               | ggH-tagged    | ggH-tagged | ggH-tagged    | ggH-tagged | ggH-tagged    | ggH-tagged |
| ggH           | 483.1 (642.1) |            | 269.1 (339.3) |            | 231.2 (324.6) |            |
| VBF           | 5.6 (7.4)     |            | 22.1 (29.4)   |            | 1.5 (2.5)     |            |
| WH            | 12.4 (16.4)   |            | 15.8 (20.6)   |            | 3.3 (4.3)     |            |
| ZH            | 5.2 (6.9)     |            | 5.0 (6.7)     |            | 2.6 (3.4)     |            |
| t̄tH          | <0.1 (<0.1)   |            | 0.2 (0.2)     |            | <0.1 (<0.1)   |            |
| b̄bH          | 3.4 (4.4)     |            | 1.5 (2.0)     |            | 1.7 (2.3)     |            |
| Signal        | 509 (677)     |            | 313 (398)     |            | 240 (337)     |            |
| ±total unc.   | (±31)         |            | (±19)         |            | (±24)         |            |
| WW            | 7851 (9088)   |            | 3553 (3727)   |            | 1596 (1805)   |            |
| Top quark     | 2505 (2422)   |            | 5395 (5224)   |            | 334 (339)     |            |
| Nonprompt     | 1555 (1006)   |            | 781 (482)     |            | 301 (260)     |            |
| DY            | 154 (154)     |            | 283 (302)     |            | 437 (459)     |            |
| VZ/Vγ*        | 368 (385)     |            | 327 (338)     |            | 101 (104)     |            |
| Vγ            | 213 (210)     |            | 137 (128)     |            | 23 (26)       |            |
| Other diboson | 5.1 (5.3)     |            | 3.5 (3.7)     |            | 9.3 (9.4)     |            |
| Triboson      | 9.3 (9.6)     |            | 16 (17)       |            | 1.2 (1.2)     |            |
| Background    | 12660 (13280) |            | 10496 (10222) |            | 2803 (3004)   |            |
| ±total unc.   | (±141)        |            | (±178)        |            | (±97)         |            |
| Data          | 13964         |            | 10591         |            | 3364          |            |
|               |               |            |               |            | 1308          |            |