

| Category                                  | Observed | Expected               |
|---|----------|------------------------|
| 4 jets, 4 b-tags (low BDT)                | 46.9     | $53.0^{+26.0}_{-17.0}$ |
| 4 jets, 4 b-tags (high BDT)               | 12.8     | $13.9^{+6.6}_{-4.1}$   |
| 5 jets, $\geq 4$ b-tags (low BDT)         | 20.0     | $17.2^{+8.3}_{-5.3}$   |
| 5 jets, $\geq 4$ b-tags (high BDT)        | 6.0      | $6.1^{+3.0}_{-1.8}$    |
| $\geq 6$ jets, 3 b-tags (low BDT)         | 12.1     | $18.1^{+8.0}_{-5.2}$   |
| $\geq 6$ jets, 3 b-tags (high BDT)        | 5.8      | $7.7^{+3.5}_{-2.3}$    |
| $\geq 6$ jets, $\geq 4$ b-tags (low BDT)  | 9.6      | $9.4^{+4.5}_{-2.9}$    |
| $\geq 6$ jets, $\geq 4$ b-tags (high BDT) | 6.1      | $4.3^{+2.1}_{-1.3}$    |
| lepton+jets combined                      | 1.8      | $2.1^{+1.0}_{-0.6}$    |