

| Mass (TeV)                     |     | $\tau_e \tau_e$ | $\tau_e \tau_\mu$ | $\tau_\mu \tau_\mu$ | $\tau_e \tau_h$ | $\tau_\mu \tau_h$ | $\tau_h \tau_h$     |
|--------------------------------|-----|-----------------|-------------------|---------------------|-----------------|-------------------|---------------------|
| $\mathcal{B}(\tau\tau)$        |     | 3.2%            | 6.2%              | 3.0%                | 23.1%           | 22.6%             | 41.9%               |
| $\varepsilon_{\text{sig}}(\%)$ | 0.8 | $2.8 \pm 0.7$   | $3.4 \pm 0.5$     | $4.2 \pm 0.7$       | $3.3 \pm 0.3$   | $4.4 \pm 0.3$     | $2.2 \pm 0.2$       |
|                                | 0.9 | $11 \pm 1$      | $16 \pm 1$        | $20 \pm 2$          | $14.3 \pm 0.5$  | $18.7 \pm 0.6$    | $11.5 \pm 0.4$      |
|                                | 1.0 | $17 \pm 2$      | $24 \pm 1$        | $38 \pm 2$          | $21.2 \pm 0.6$  | $29.3 \pm 0.7$    | $18.0 \pm 0.5$      |
|                                | 1.2 | $26 \pm 2$      | $30 \pm 1$        | $39 \pm 2$          | $28.3 \pm 0.7$  | $35.8 \pm 0.7$    | $23.0 \pm 0.5$      |
|                                | 1.5 | $30 \pm 2$      | $42 \pm 2$        | $53 \pm 2$          | $29.2 \pm 0.8$  | $38.1 \pm 0.9$    | $29.1 \pm 0.7$      |
|                                | 2.0 | $28 \pm 2$      | $39 \pm 2$        | $56 \pm 3$          | $31.1 \pm 0.8$  | $39.2 \pm 0.9$    | $31.9 \pm 0.7$      |
|                                | 2.5 | $27 \pm 2$      | $37 \pm 2$        | $42 \pm 2$          | $26.8 \pm 0.8$  | $37.0 \pm 0.8$    | $30.1 \pm 0.7$      |
| $N_{\text{bkg}}$               | 0.8 | $0.3 \pm 0.5$   | $1.1 \pm 0.8$     | $1.6 \pm 1.2$       | $6.1 \pm 2.0$   | $6.7 \pm 2.1$     |                     |
|                                | 0.9 | $0.5 \pm 0.4$   | $1.7 \pm 1.2$     | $3.8 \pm 2.1$       | $9.8 \pm 3.2$   | $9.2 \pm 2.9$     |                     |
|                                | 1.0 | $1.4 \pm 1.4$   | $1.7 \pm 1.0$     | $2.0 \pm 0.9$       | $9.5 \pm 3.5$   | $7.6 \pm 2.2$     |                     |
|                                | 1.2 | $1.2 \pm 1.2$   | $1.2 \pm 0.8$     | $1.4 \pm 0.6$       | $5.0 \pm 2.0$   | $6.6 \pm 2.3$     | $6.1^{+3.2}_{-2.5}$ |
|                                | 1.5 | $0.4 \pm 0.4$   | $0.07 \pm 0.04$   | $0.9 \pm 0.4$       | $4.3 \pm 1.8$   | $2.6 \pm 0.9$     |                     |
|                                | 2.0 | $<0.5$          | $<0.4$            | $0.7 \pm 0.4$       | $0.1 \pm 0.1$   | $<0.4$            |                     |
|                                | 2.5 | $<2.1$          | $<0.3$            | $0.3 \pm 0.1$       | $0.18 \pm 0.05$ | $<0.5$            |                     |
| $N_{\text{obs}}$               | 0.8 | 1               | 1                 | 2                   | 3               | 10                |                     |
|                                | 0.9 | 2               | 2                 | 3                   | 4               | 13                |                     |
|                                | 1.0 | 2               | 2                 | 5                   | 2               | 13                |                     |
|                                | 1.2 | 0               | 1                 | 3                   | 5               | 12                | 8                   |
|                                | 1.5 | 0               | 0                 | 1                   | 2               | 5                 |                     |
|                                | 2.0 | 0               | 1                 | 0                   | 0               | 0                 |                     |
|                                | 2.5 | 0               | 0                 | 0                   | 0               | 0                 |                     |