

| Selection                                                       | 2 TeV<br>(%) | 4 TeV<br>(%) |
|-----------------------------------------------------------------|--------------|--------------|
| Photon ID                                                       | 81.5         | 82.0         |
| $p_T^\gamma > 190 \text{ GeV},  \eta^\gamma  < 1.4442$          | 73.5         | 75.4         |
| Jet ID                                                          | 73.4         | 75.4         |
| $p_T^{\text{jet}} > 190 \text{ GeV},  \eta^{\text{jet}}  < 2.4$ | 71.2         | 74.9         |
| $M_{\gamma, \text{jet}} > 695 \text{ GeV}$                      | 71.0         | 74.8         |
| $ \Delta\phi(\gamma, \text{jet})  > 1.5$                        | 70.8         | 74.8         |
| $ \Delta\eta(\gamma, \text{jet})  < 1.8$                        | 58.3         | 60.1         |