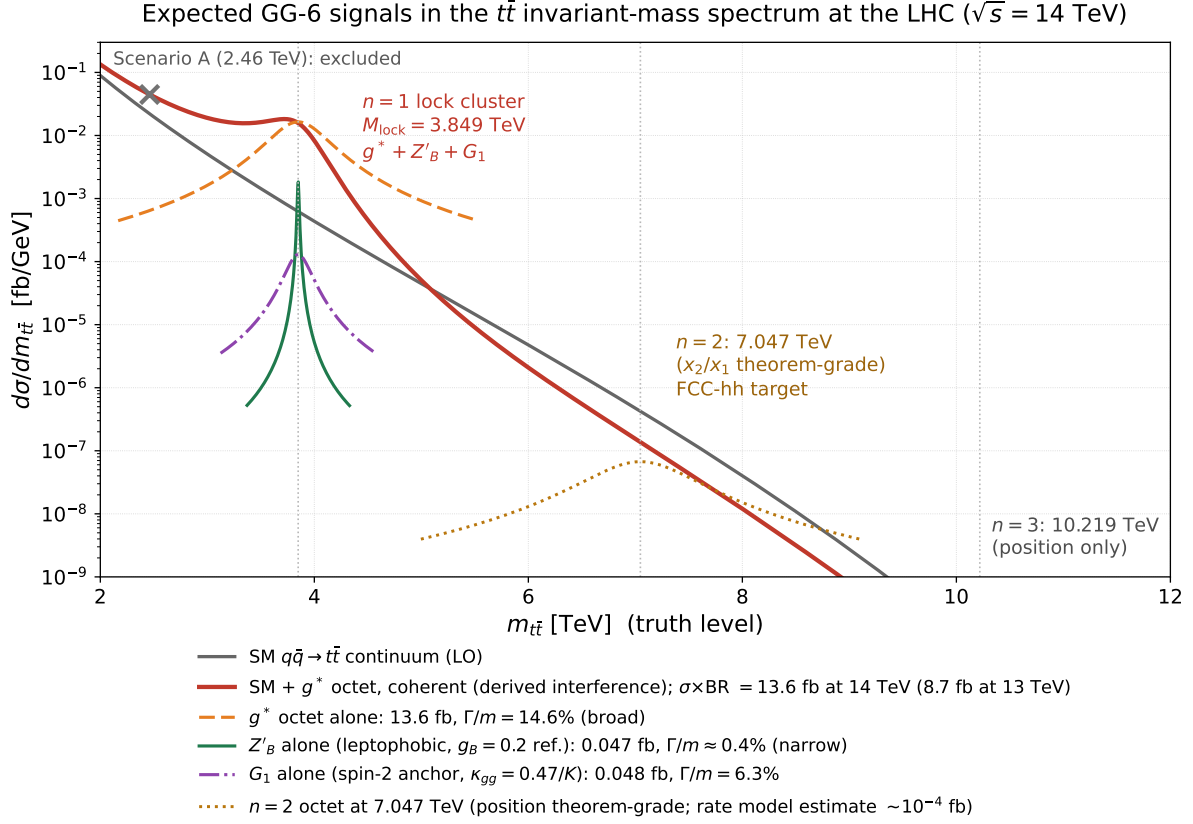
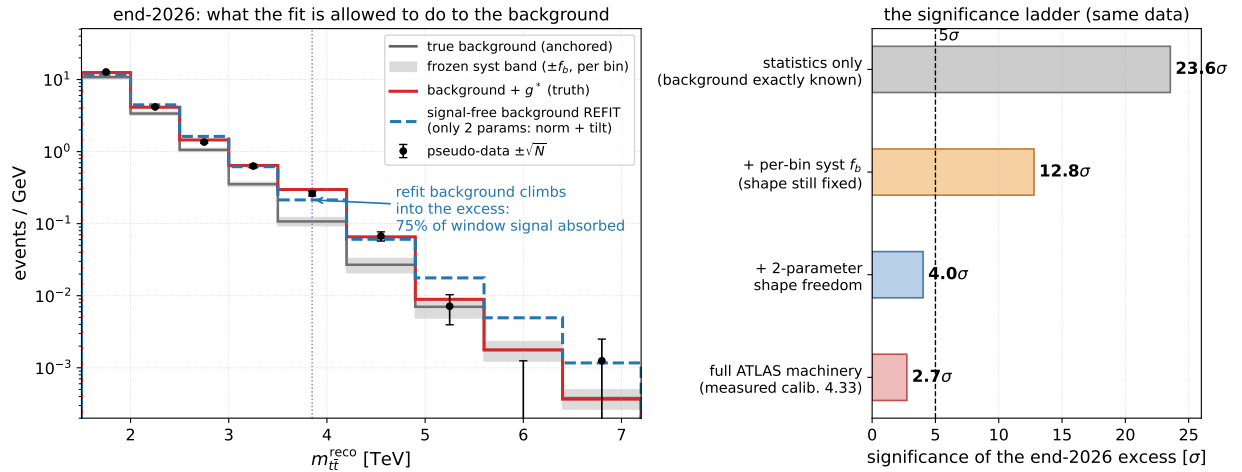




Every expected GG-6 collider signal, computed with no adjustable parameter: the four-member lock cluster at the derived 3.849 TeV, two of its members unproduced at tree level, and its radial family at 7.05 and 10.22 TeV (Figure 4, p. 50).

The discovery may already be on tape: end-2026 reanalysis of recorded Run-2+3 data



Why the verdict is near: a dedicated reanalysis of collisions already recorded carries an expected 2.5–3.3 σ per experiment — and the ladder shows exactly where the sensitivity goes (Figure 11, p. 142; Part VIII).