

Events

4 ≤ N_{jet} ≤ 6

7 ≤ N_{jet} ≤ 8

N_{jet} ≥ 9

N_{b-jet}
0 1 2 ≥ 3

● Data
■ Total BG

● pp → g̃g̃, g̃ → t̄t̄ χ̃₁⁰
(m_{g̃} = 1500 GeV, m_{χ̃₁⁰} = 100 GeV)

■ pp → g̃g̃, g̃ → b̄b̄ χ̃₁⁰
(m_{g̃} = 1500 GeV, m_{χ̃₁⁰} = 100 GeV)

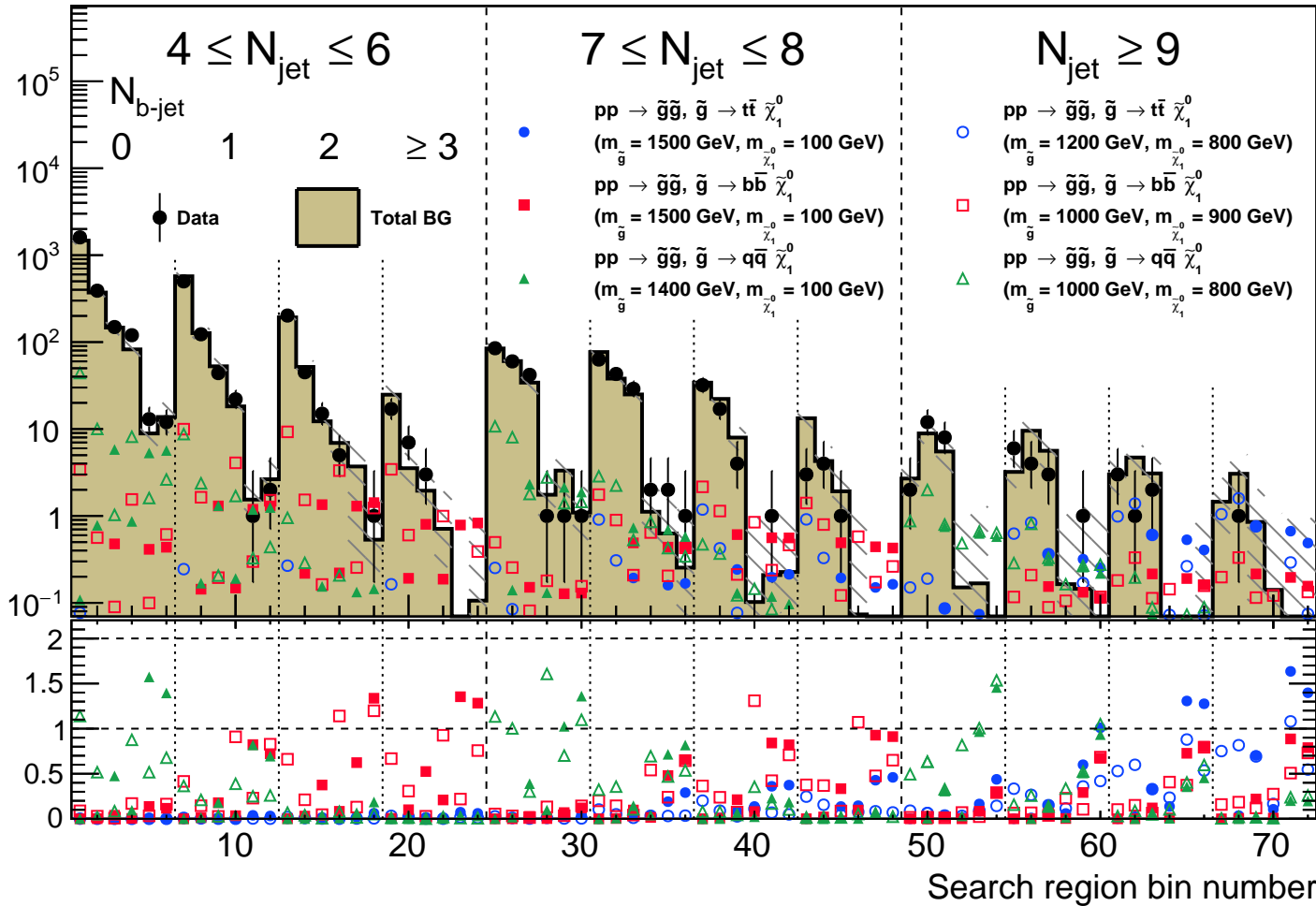
▲ pp → g̃g̃, g̃ → q̄q̄ χ̃₁⁰
(m_{g̃} = 1400 GeV, m_{χ̃₁⁰} = 100 GeV)

○ pp → g̃g̃, g̃ → t̄t̄ χ̃₁⁰
(m_{g̃} = 1200 GeV, m_{χ̃₁⁰} = 800 GeV)

□ pp → g̃g̃, g̃ → b̄b̄ χ̃₁⁰
(m_{g̃} = 1000 GeV, m_{χ̃₁⁰} = 900 GeV)

△ pp → g̃g̃, g̃ → q̄q̄ χ̃₁⁰
(m_{g̃} = 1000 GeV, m_{χ̃₁⁰} = 800 GeV)

Q = 2√|S+B|/B



Search region bin number