

Events

4 ≤ N_{jet} ≤ 6

7 ≤ N_{jet} ≤ 8

N_{jet} ≥ 9

N_{b-jet}
0 1 2 ≥ 3

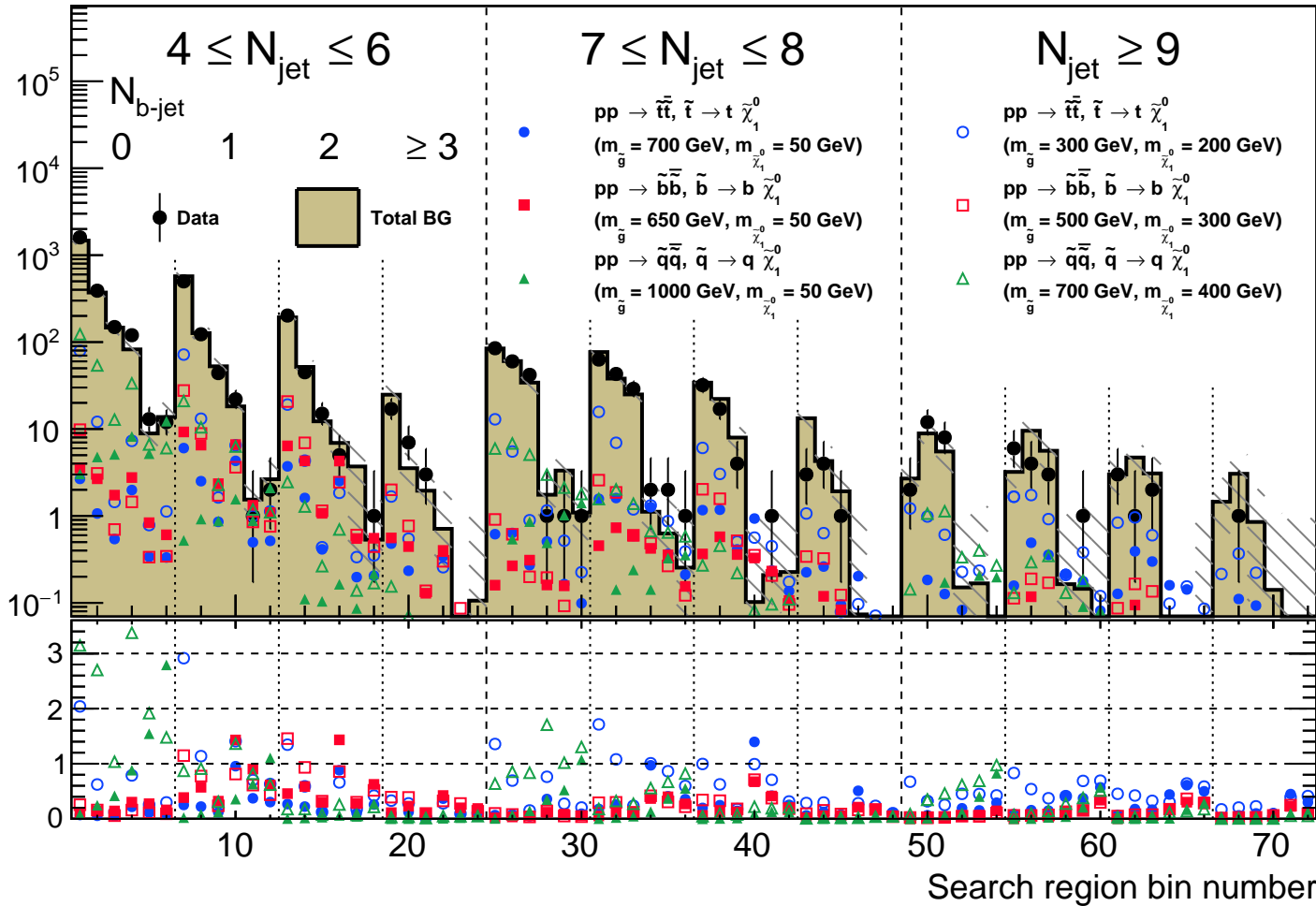
● Data

■ Total BG

- pp → t \bar{t} , $\bar{t} \rightarrow t \tilde{\chi}_1^0$
(m_g = 700 GeV, m_{χ₁⁰} = 50 GeV)
- pp → b \bar{b} , $\bar{b} \rightarrow b \tilde{\chi}_1^0$
(m_g = 650 GeV, m_{χ₁⁰} = 50 GeV)
- ▲ pp → q \bar{q} , $\bar{q} \rightarrow q \tilde{\chi}_1^0$
(m_g = 1000 GeV, m_{χ₁⁰} = 50 GeV)

- pp → t \bar{t} , $\bar{t} \rightarrow t \tilde{\chi}_1^0$
(m_g = 300 GeV, m_{χ₁⁰} = 200 GeV)
- pp → b \bar{b} , $\bar{b} \rightarrow b \tilde{\chi}_1^0$
(m_g = 500 GeV, m_{χ₁⁰} = 300 GeV)
- △ pp → q \bar{q} , $\bar{q} \rightarrow q \tilde{\chi}_1^0$
(m_g = 700 GeV, m_{χ₁⁰} = 400 GeV)

Q = 2√[S+B]·[B]



Search region bin number