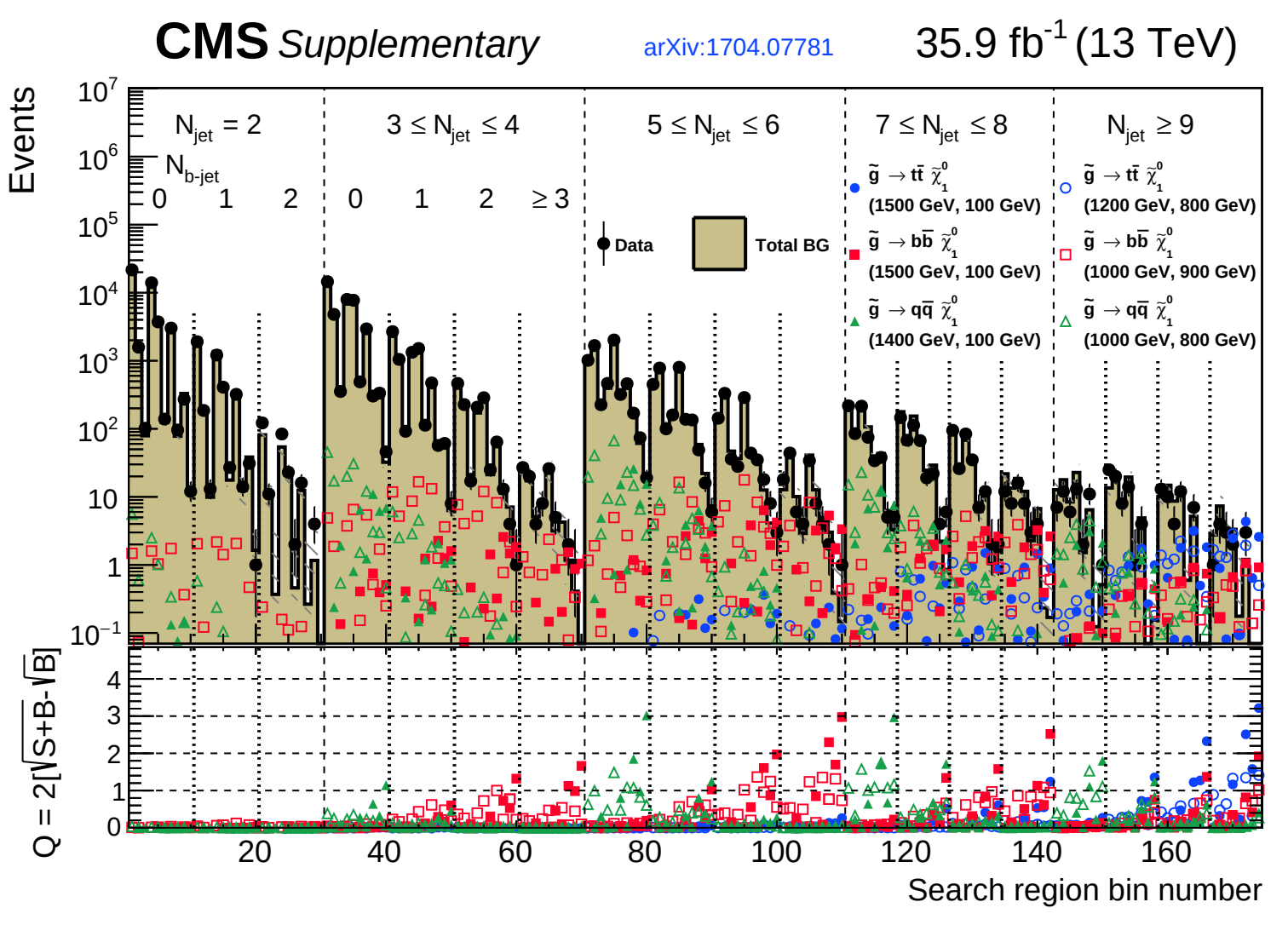
CMS Supplementary
arXiv:1704.07781
35.9 fb^{-1} (13 TeV)
Events
$N_{jet} = 2$
$3 \le N_{jet} \le 4$
$5 \le N_{jet} \le 6$
$7 \le N_{jet} \le 8$
$N_{jet} \ge 9$
$N_{b\text{-}jet}$
0 1 2 0 1 2 ≥ 3
Data
Total BG
$\tilde{g} \to t\bar{t}\,\tilde{\chi}_1^0$ (1500 GeV, 100 GeV)
$\tilde{g} \to b\bar{b}\,\tilde{\chi}_1^0$ (1500 GeV, 100 GeV)
$\tilde{g} \to q\bar{q}\,\tilde{\chi}_1^0$ (1400 GeV, 100 GeV)
$\tilde{g} \to t\bar{t}\,\tilde{\chi}_1^0$ (1200 GeV, 800 GeV)
$\tilde{g} \to b\bar{b}\,\tilde{\chi}_1^0$ (1000 GeV, 900 GeV)
$\tilde{g} \to q\bar{q}\,\tilde{\chi}_1^0$ (1000 GeV, 800 GeV)
$Q = 2[\sqrt{S+B} - \sqrt{B}]$
Search region bin number