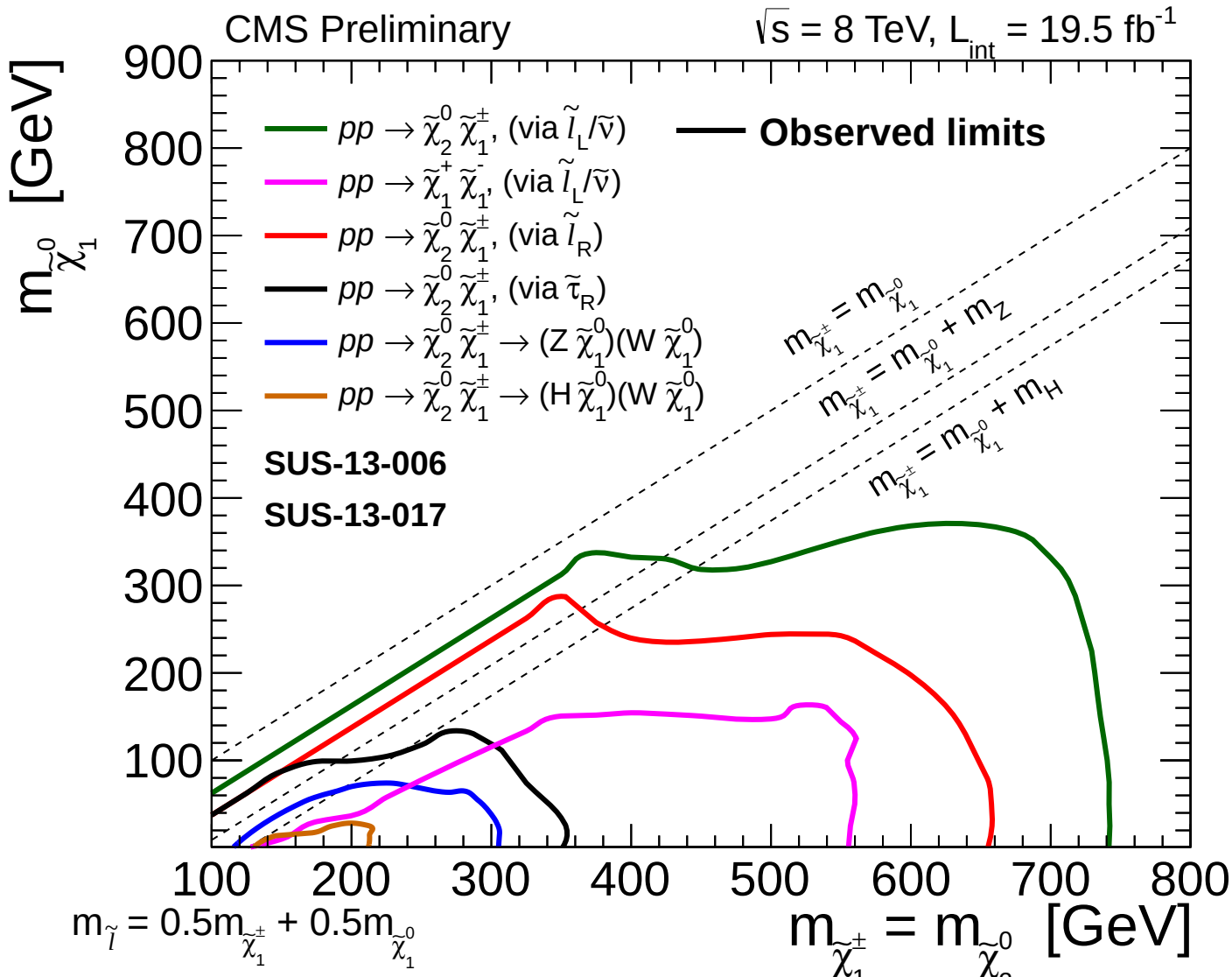
CMS Preliminary
√s = 8 TeV, L_int = 19.5 fb^-1
pp → χ̃₂⁰ χ̃₁±, (via l̃_L/ν̃)
pp → χ̃₁⁺ χ̃₁⁻, (via l̃_L/ν̃)
pp → χ̃₂⁰ χ̃₁±, (via l̃_R)
pp → χ̃₂⁰ χ̃₁±, (via τ̃_R)
pp → χ̃₂⁰ χ̃₁± → (Z χ̃₁⁰)(W χ̃₁⁰)
pp → χ̃₂⁰ χ̃₁± → (H χ̃₁⁰)(W χ̃₁⁰)
Observed limits
SUS-13-006
SUS-13-017
m_χ̃₁± = m_χ̃₁⁰
m_χ̃₁± = m_χ̃₁⁰ + m_Z
m_χ̃₁± = m_χ̃₁⁰ + m_H
m_χ̃₁⁰ [GeV]
m_χ̃₁± = m_χ̃₂⁰ [GeV]
m_l̃ = 0.5m_χ̃₁± + 0.5m_χ̃₁⁰
100
200
300
400
500
600
700
800
900