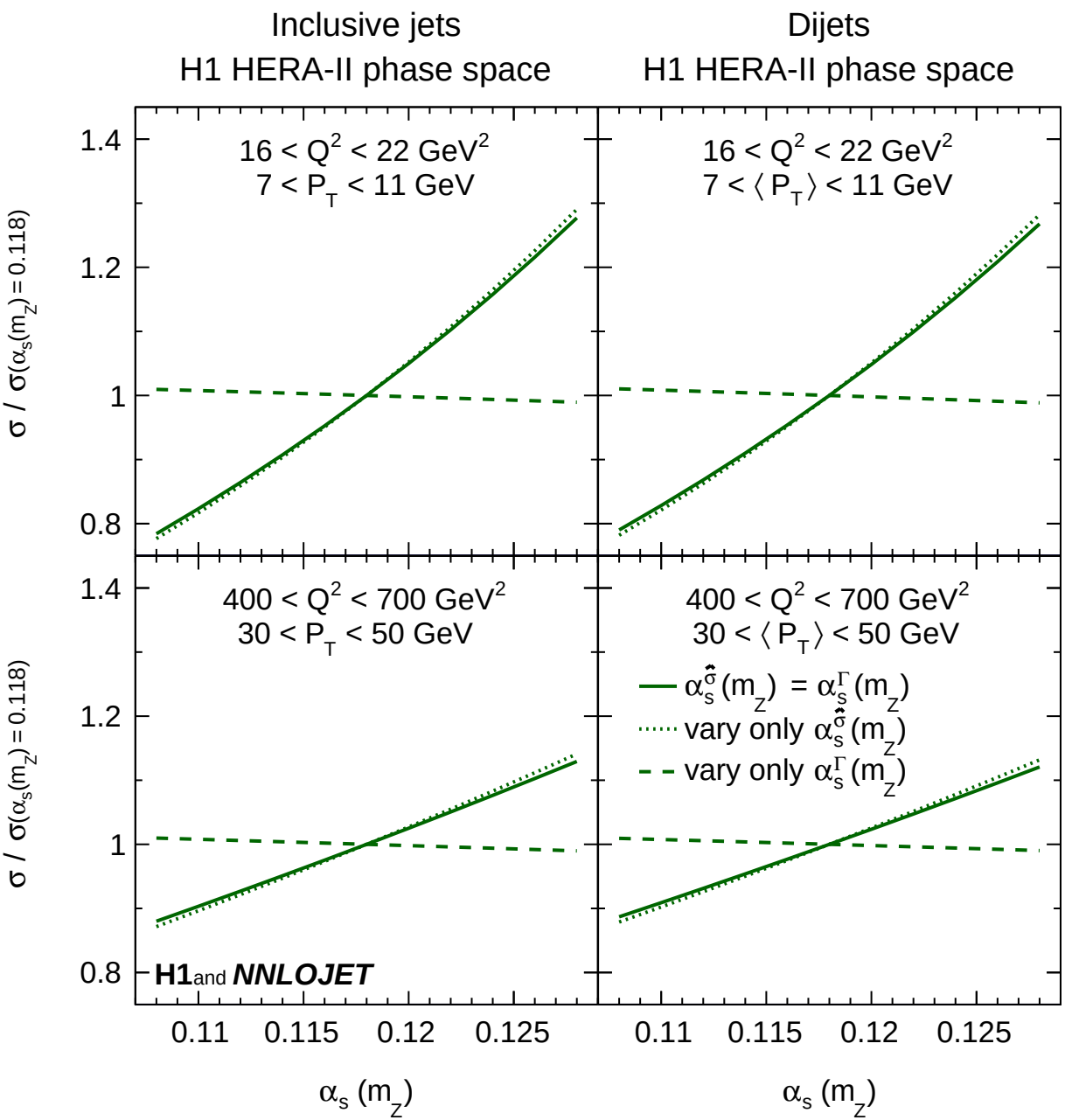
Inclusive jets
H1 HERA-II phase space
Dijets
H1 HERA-II phase space
16 < Q² < 22 GeV²
7 < P_T < 11 GeV
16 < Q² < 22 GeV²
7 < ⟨P_T⟩ < 11 GeV
400 < Q² < 700 GeV²
30 < P_T < 50 GeV
400 < Q² < 700 GeV²
30 < ⟨P_T⟩ < 50 GeV
α_s^σ̂(m_Z) = α_s^Γ(m_Z)
vary only α_s^σ̂(m_Z)
vary only α_s^Γ(m_Z)
H1 and NNLOJET
σ / σ(α_s(m_Z) = 0.118)
α_s (m_Z)
1.4
1.2
1
0.8
0.11
0.115
0.12
0.125