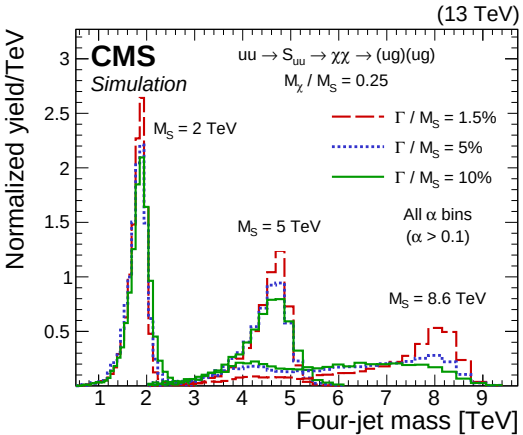
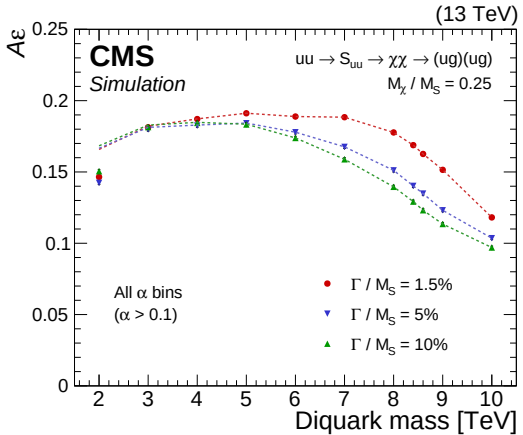

(13 TeV)
CMS
Simulation
uu → S_uu → χχ → (ug)(ug)
M_χ / M_S = 0.25
Γ / M_S = 1.5%
Γ / M_S = 5%
Γ / M_S = 10%
M_S = 2 TeV
M_S = 5 TeV
M_S = 8.6 TeV
All α bins
(α > 0.1)
Normalized yield/TeV
Four-jet mass [TeV]


(13 TeV)
CMS
Simulation
uu → S_uu → χχ → (ug)(ug)
M_χ / M_S = 0.25
Aε
All α bins
(α > 0.1)
Γ / M_S = 1.5%
Γ / M_S = 5%
Γ / M_S = 10%
Diquark mass [TeV]