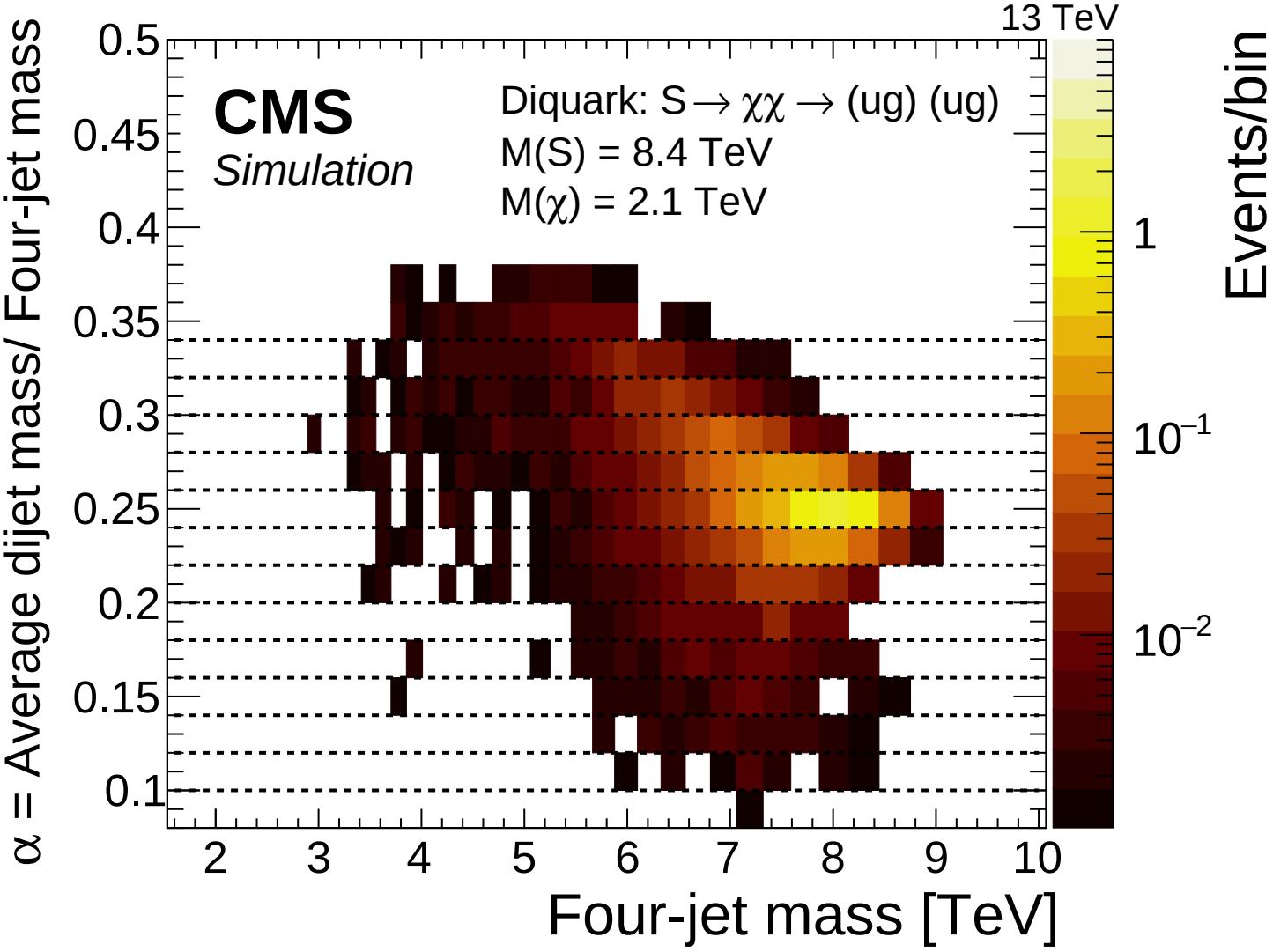
13 TeV
CMS
Simulation
Diquark: S → χχ → (ug) (ug)
M(S) = 8.4 TeV
M(χ) = 2.1 TeV
α = Average dijet mass/ Four-jet mass
Four-jet mass [TeV]
Events/bin
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
2
3
4
5
6
7
8
9
10
1
10⁻¹
10⁻²