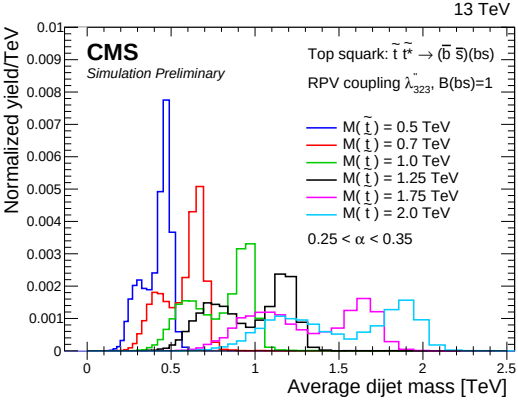
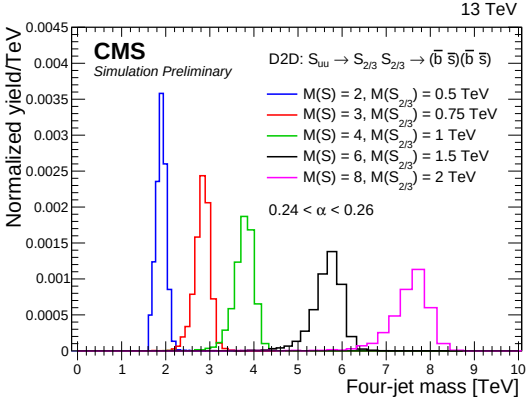

13 TeV
CMS
Simulation Preliminary
Top squark: $\tilde{t}\,\tilde{t}^* \to (\bar{b}\,\bar{s})(bs)$
RPV coupling $\lambda''_{323}$, B(bs)=1
M($\tilde{t}$) = 0.5 TeV
M($\tilde{t}$) = 0.7 TeV
M($\tilde{t}$) = 1.0 TeV
M($\tilde{t}$) = 1.25 TeV
M($\tilde{t}$) = 1.75 TeV
M($\tilde{t}$) = 2.0 TeV
$0.25 < \alpha < 0.35$
Normalized yield/TeV
Average dijet mass [TeV]


13 TeV
CMS
Simulation Preliminary
D2D: $S_{uu} \to S_{2/3}\,S_{2/3} \to (\bar{b}\,\bar{s})(\bar{b}\,\bar{s})$
M(S) = 2, M($S_{2/3}$) = 0.5 TeV
M(S) = 3, M($S_{2/3}$) = 0.75 TeV
M(S) = 4, M($S_{2/3}$) = 1 TeV
M(S) = 6, M($S_{2/3}$) = 1.5 TeV
M(S) = 8, M($S_{2/3}$) = 2 TeV
$0.24 < \alpha < 0.26$
Normalized yield/TeV
Four-jet mass [TeV]