

138 fb⁻¹ (13 TeV)**CMS**

• Data

- - - PowExp-3p fit

— ModDijet-3p fit

- - - Dijet-3p fit

D2D: $S_{uu} \rightarrow S_{2/3} S_{2/3} \rightarrow (\bar{b}\bar{s})(\bar{b}\bar{s})$ $M(S_{2/3})/M(S_{uu}) = 0.25$, $B(S_{uu} \rightarrow S_{2/3} S_{2/3}) = 1$, $B(S_{2/3} \rightarrow \bar{b}\bar{s}) = 1$ — $M(S_{uu}) = 2$ TeV- - - $M(S_{uu}) = 4$ TeV- - - $M(S_{uu}) = 6$ TeV $0.22 < \alpha < 0.24$

p-value = 0.80

 $0.24 < \alpha < 0.26$

p-value = 0.01

 $0.26 < \alpha < 0.28$

p-value = 0.18

 $d\sigma/dm_{4j}$ [pb/TeV] $\frac{\text{Data} - \text{Fit}}{\sigma_{\text{Stat}}}$ m_{4j} [TeV]