

138 fb<sup>-1</sup> (13 TeV)**CMS** Preliminary $\alpha > 0.1$ 

- Data
- LO QCD MC
- ⋯ PowExp-5p fit
- ModDijet-5p fit
- - - Dijet-5p fit

Diquark:  $S \rightarrow \chi\chi \rightarrow (ug)(ug)$ —  $M(S) = 8.6$  TeV- - -  $M(S) = 5.0$  TeV⋯  $M(S) = 3.0$  TeV $M(\chi)/M(S) = 0.25$  $\frac{(\text{Data-Fit})}{\text{Uncertainty}}$ 2  
1  
0  
-1  
-2

2

3

4

5

6

7

8

Four-jet mass [TeV]

