

Events / 50 GeV

**CMS***Preliminary* $pp \rightarrow X \rightarrow HH \rightarrow b\bar{b}b\bar{b}$ 

4 b tag category

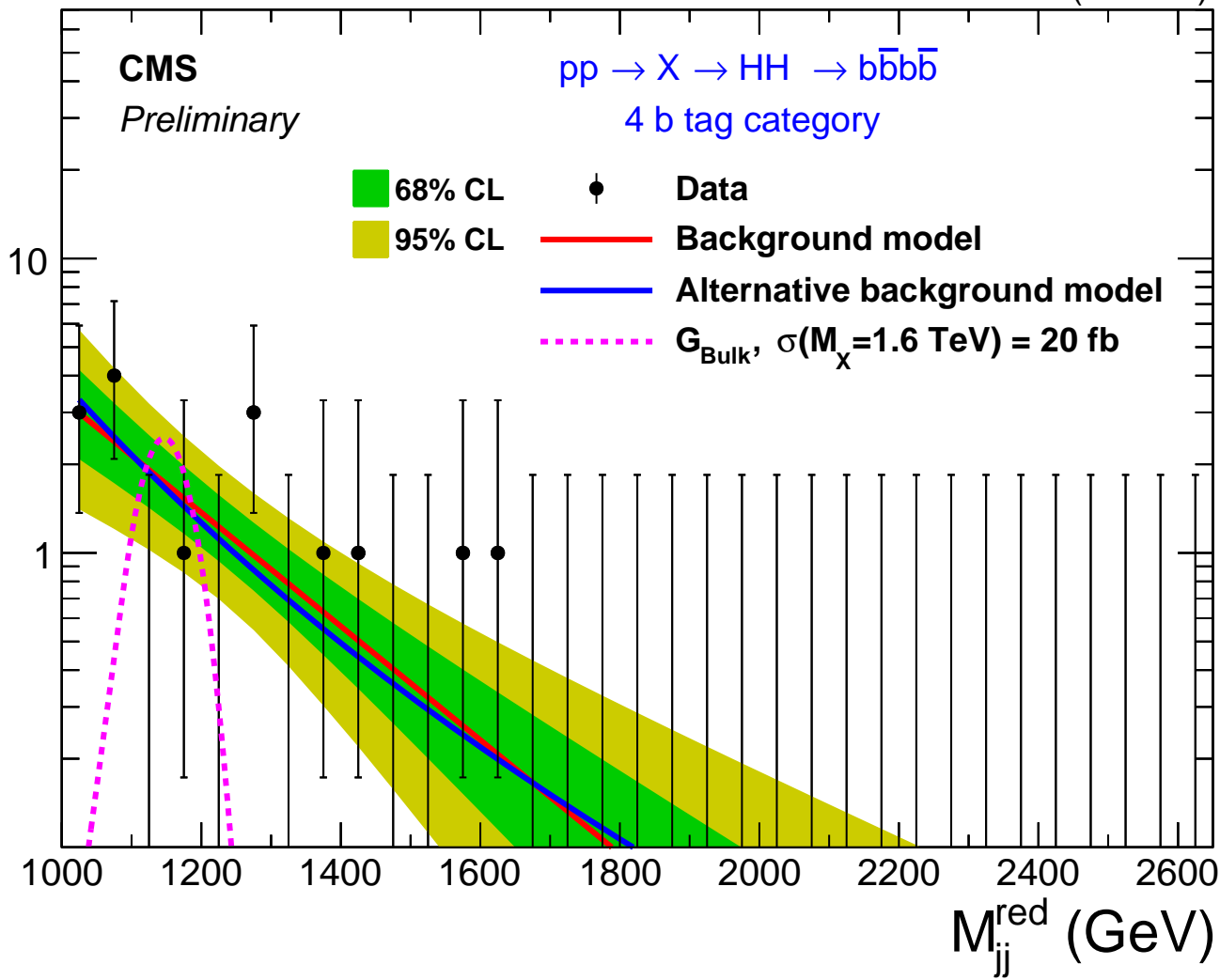
68% CL

95% CL

• Data

Background model

Alternative background model

G<sub>Bulk</sub>,  $\sigma(M_X=1.6 \text{ TeV}) = 20 \text{ fb}$  $M_{jj}^{\text{red}}$  (GeV)