

19.7 fb<sup>-1</sup> (8 TeV)

Events / 5 GeV

$\times 10^3$

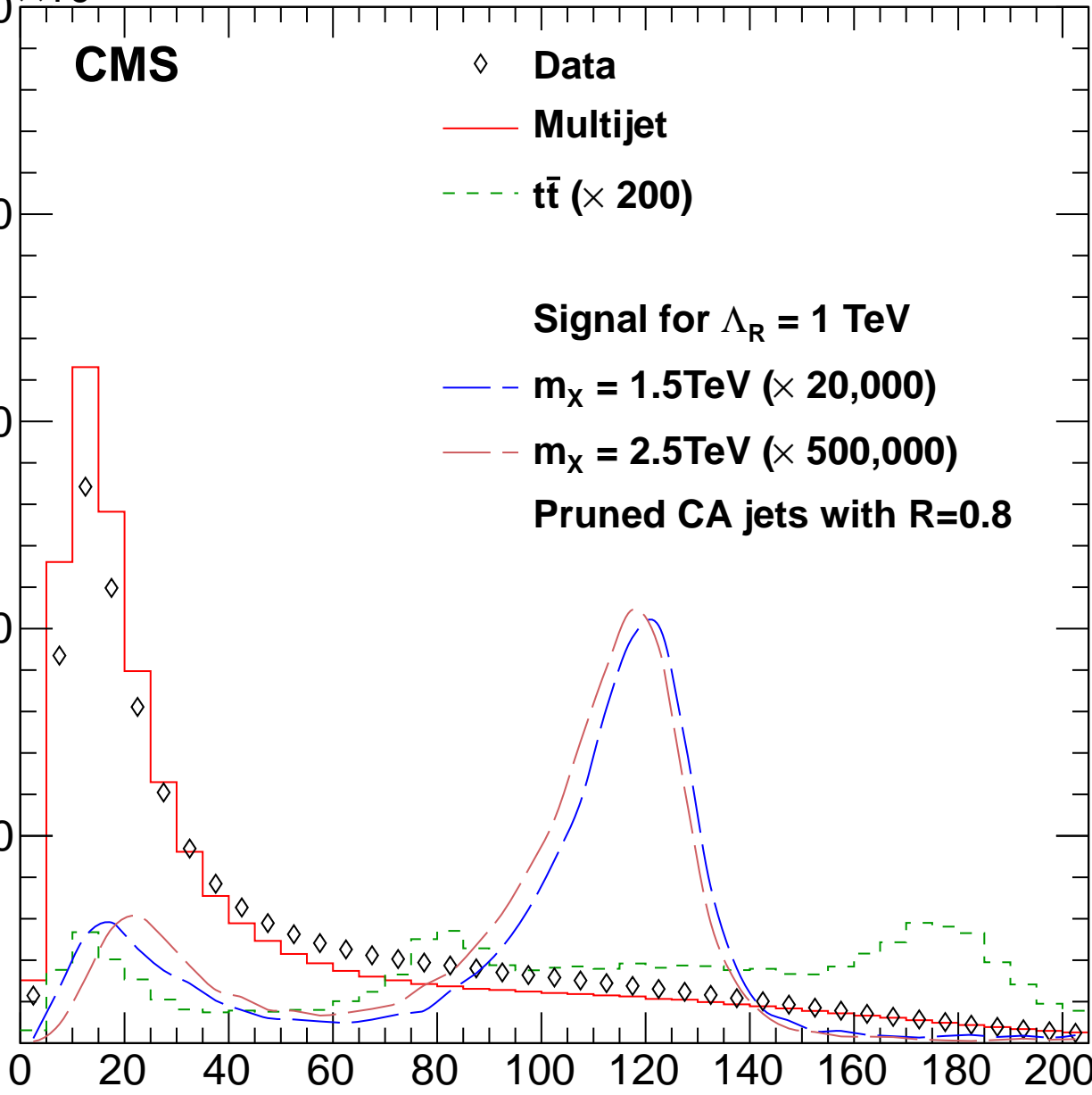
**CMS**

- ◇ Data
- Multijet
- - -  $t\bar{t}$  ( $\times 200$ )

**Signal for  $\Lambda_R = 1$  TeV**

- - -  $m_\chi = 1.5\text{TeV}$  ( $\times 20,000$ )
- - -  $m_\chi = 2.5\text{TeV}$  ( $\times 500,000$ )

**Pruned CA jets with R=0.8**



Pruned-jet mass  $m_j^P$  (GeV)