

CMS Preliminary  $\sqrt{s} = 8 \text{ TeV}$ ,  $19.7 \text{ fb}^{-1}$

Events

CMS Top Tagger

Madgraph

CA R=0.8  $|\eta| < 2.4$

$p_{\text{T}} > 400 \text{ GeV}/c$

• Data

Semi-Leptonic  $t\bar{t}$

Fully-Leptonic  $t\bar{t}$

W+Jets

Z+Jets

Singletop

80

60

40

20

0

Minimum Pairwise Mass ( $\text{GeV}/c^2$ )

0 20 40 60 80 100 120 140 160 180

