

Lepton + 5 jets + ≥ 4 b-tagsCMS Preliminary $\sqrt{s} = 8$ TeV, $L = 19.4$ fb $^{-1}$

Events

$t\bar{t} + l\bar{l}$ (79.9)
 $t\bar{t} + b\bar{b}$ (38.0)
EWK (2.0)
 $t\bar{t}H125$ (5.2×30)

$t\bar{t} + c\bar{c}$ (33.1)
single t (10.4)
Data (219)

$t\bar{t} + b$ (29.8)
 $t\bar{t} + W, Z$ (2.5)
Sum MC (195.7)

Data/MC

 $(\sum \text{jet } p_T)/(\sum \text{jet } E)$

80
70
60
50
40
30
20
10
2
1
0

0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

