

CMS  $t\bar{t}H b\bar{b}$

$\sqrt{s} = 8 \text{ TeV}, L = 19.3 \text{ fb}^{-1}$

Events

Lepton +  $\geq 6$  jets + 3 b-tags

250

200

150

100

50

2

Fit  $\pm 1\sigma$

Fit  $\pm 2\sigma$

-0.8

-0.6

-0.4

-0.2

0

0.2

0.4

0.6

BDT output

Data/MC

0

1

2