

Events/GeV

$\sqrt{s} = 14 \text{ TeV}$   
 $\int L = 30 \text{ fb}^{-1}$

$t\bar{t}A$  ( $g_t=2$ ,  $\text{BR}(A \rightarrow b\bar{b})=1$ )

$t\bar{t} + \text{light-jets}$

$t\bar{t} + \geq 1b$

Uncertainty

$t\bar{t}A$  (norm to bkg sum)

$t\bar{t} + \geq 1c$

$t\bar{t} + X$   
( $X=W,Z,h$ )

$m_A = 100 \text{ GeV}$

$\geq 5j, \geq 4b$

Data / Pred.

1.25

1

0.75

0.5

0

20

40

60

80

100

120

140

160

180

200

BDRS jet mass [GeV]

