

**CMS****35.9 fb<sup>-1</sup>  $\sqrt{s}=13\text{TeV}$**  $\bar{c}H_u$  yield / SM 2D yield $t\bar{t}W$ 

nonprompt

rare

WZ

 $t\bar{t}X$  $t\bar{t}H$ 

0.8

0.85

0.9

0.95

1

1.05

1.1

1.15

1.2

1.25

1.3

BDT&lt;0, 2J

BDT&lt;0, 3J

BDT<0,  $\geq 4J$ 