

CMS**35.9 fb⁻¹ $\sqrt{s}=13\text{TeV}$** $\bar{c}H_u$ 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<0, 2J

BDT<0, 3J

BDT<0, $\geq 4J$ 