

**CMS****35.9 fb<sup>-1</sup>  $\sqrt{s}=13\text{TeV}$**  $\bar{c}3G \text{ yield} / \text{SM } 2D \text{ yield}$ **rare**  
 **$t\bar{t}Z$** **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

nB0, nJ2   nB0, nJ3   nB0, nJ $\geq$ 4   nB1, nJ2   nB1, nJ3   nB1, nJ $\geq$ 4   nB $\geq$ 2, nJ2   nB $\geq$ 2, nJ3   nB $\geq$ 2, nJ $\geq$ 4